

## Summary of Incidents in 2008

Ref.	Month	Region	Chemical	Category	Species	Comments
08002	January	Border	brodifacoum bromadiolone difenacoum	trauma	1 buzzard and a suspected pheasant bait	This buzzard was found dead in an area where there is a history of pesticide poisoning. However, the post mortem examination findings indicated that trauma associated with a road traffic accident was the likely cause of death in this incident. Low, sub-lethal residues of brodifacoum, bromadiolone and difenacoum were confirmed in liver tissue from the bird.
08004	January	Highland	difenacoum	unspecified	dog	Sudden death of a previously healthy dog; post mortem examination findings suggested that the dog had been exposed to anticoagulant rodenticides. A residue of difenacoum, within the anticipated lethal range, was detected in liver tissue from the dog.
08005	January	Fife	DDT brodifacoum difenacoum	starvation	sparrowhawk	Background residues of DDE, brodifacoum and difenacoum were found in this bird.
08009	February	Strathclyde	bromadiolone difenacoum	unknown	buzzard	This bird was found dead in a field. The analytical investigation failed to provide any evidence to implicate pesticide poisoning. Low residues of bromadiolone and difenacoum were confirmed in liver tissue from the bird.
08010	January	Highland	bromadiolone difenacoum	unknown	buzzard	Low residues of bromadiolone and difenacoum were confirmed in liver tissue from this bird.
08013	February	Fife	brodifacoum bromadiolone difenacoum	unknown	buzzard	The police were concerned that this bird had been poisoned. However, the laboratory investigation provided no evidence to confirm that suspicion. Only low residues of brodifacoum, bromadiolone and difenacoum were confirmed in liver tissue.
08015	February	Strathclyde	brodifacoum bromadiolone difenacoum	starvation	2 barn owls	The post mortem examination findings indicated that starvation was the likely cause of death in this incident. Testing for evidence of exposure to anticoagulant rodenticides revealed low residues of brodifacoum, bromadiolone and difenacoum

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08016	February	Highland	brodifacoum bromadiolone difenacoum	trauma	1 kestrel and a buzzard	The police were concerned that these birds had been poisoned. However, the laboratory investigation provided no evidence to confirm that suspicion but revealed low residues of brodifacoum, bromadiolone and difenacoum in liver tissue from the kestrel and residues of bromadiolone and difenacoum in liver tissue from the buzzard.
08025	March	Border	chlortalose	abuse	2 buzzards	This is an ongoing police investigation. A low, sub-lethal residue of bromadiolone was found in liver tissue from one of the buzzards and a low residue of difenacoum was detected in liver tissue from the other.
08026	March	Border	chlortalose sodium cyanide DDT	abuse	chemicals	Items recovered during a police investigation.
08027	March	Highland	difenacoum	trauma	3 buzzards and 2 suspected rabbit baits	These carcasses were all found together at the side of a road and there was concern that they might have been poisoned. However, only a low residue of difenacoum was detected in liver tissue from one of the buzzards.
08028	March	Dumfries and Galloway	chlortalose chlorophacinone	abuse	2 buzzards and 1 rabbit bait	This is an ongoing police investigation.
08029	March	Lothian	bromadiolone difenacoum	unknown	buzzard	Buzzard found dead in woodland. Low, sub-lethal residues of bromadiolone and difenacoum were confirmed in liver tissue.
08034	April	Lothian	bromadiolone	unspecified	buzzard	Buzzard found dead beside a railway track but showed no evidence of trauma. A residue of bromadiolone within the anticipated lethal range has been confirmed in liver tissue from the bird.
08036	April	Strathclyde	bromadiolone	trauma	buzzard	Bird found dead beside a pond. The post mortem examination findings indicated that it was likely that it had died as a result of trauma associated with being shot. A low, sub-lethal residue of bromadiolone was detected in liver tissue from the bird.
08038	April	Highland	difenacoum	unknown	buzzard	Bird seen dropping out of the sky into water and subsequently died a few hours later. The analytical investigation failed to provide any evidence of pesticide poisoning. A low, sub-lethal residue of difenacoum was confirmed in liver tissue.
08039	April	Strathclyde	carbofuran	abuse	a rabbit and a pigeon bait	This is an ongoing police investigation.
08041	March	Highland	carbofuran	abuse	buzzard	This is an ongoing police investigation.

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08042	December 2007	Tayside	difenacoum	trauma	buzzard	Bird found alive but subsequently died. The post mortem examination findings indicated that trauma might be responsible for the death. A low residue of difenacoum was confirmed in liver tissue.
08044	March	Tayside	difenacoum	trauma	red kite	Emaciated bird found alive by eventually died. A low residue of difenacoum was confirmed in liver tissue.
08045	March	Tayside	bromadiolone	starvation	buzzard	Emaciated bird found dead by a forestry worker. The analysis confirmed the presence of a low, sub-lethal residue of bromadiolone in liver tissue from the bird.
08046	April	Tayside	DDT	unknown	raven	This bird was found dead after reports of poisoned baits being placed in the area. However, no evidence of pesticide poisoning was uncovered. A low, toxicologically insignificant residue of the persistent organochlorine DDE was confirmed.
08049	April	Strathclyde	carbofuran	abuse	2 buzzards, a stoat and suspected pigeon and rabbit baits	This is an ongoing police investigation.
08051	April	Grampian	bromadiolone	unknown	buzzard	Buzzard found dead in woodland managed for sport shooting. A low, sub-lethal residue of bromadiolone was confirmed in liver tissue from the bird.
08052	April	Grampian	coumatetralyl	starvation	sparrowhawk	This bird was found dead with a piece of wire around its right leg. A low, sub-lethal residue of coumatetralyl was confirmed in liver tissue.
08055	April	Grampian	strychnine	abuse	bait material and chemical	This is an ongoing police investigation.
08058	May	Tayside	bendiocarb carbofuran isofenphos	abuse	sea eagle, a buzzard, a hare bait and pieces of meat.	This is an ongoing police investigation.
08059	May	Highland	carbofuran	abuse	red kite	This is an ongoing police investigation. A low, sub-lethal residue of difenacoum was also detected in liver tissue from the bird.
08061	May	Strathclyde	difenacoum	unknown	buzzard	Bird found dead by a walker. The laboratory investigation confirmed a low, sub-lethal residue of difenacoum in liver tissue.
08063	April	Tayside	bromadiolone difenacoum	unknown	buzzard	Bird found dead. Low, sub-lethal residues of bromadiolone and difenacoum were detected in liver tissue.

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08068	May	Lothian	difenacoum	unknown	2 buzzards	These birds were thought to have been poisoned but the analytical investigation failed to substantiate that suspicion. A low residue of difenacoum was identified in liver tissue from one of the buzzards
08069	May	Grampian	carbofuran	abuse	2 buzzards and suspected pigeon, pheasant and rabbit baits	This is an ongoing police investigation.
08073	May	Grampian	difenacoum	unknown	buzzard	Buzzard reported dead within a tree. The analytical investigation failed to provide any evidence to implicate pesticide poisoning. A low residue of difenacoum was confirmed in liver tissue.
08077	May	Tayside	bromadiolone difenacoum	starvation	buzzard	Buzzard found dead within a clump of heather. The post mortem examination findings suggested that starvation was the likely cause of death. The opportunity was taken to screen for evidence of exposure to anticoagulant rodenticides. Low, sub-lethal residues of bromadiolone and difenacoum were confirmed in liver tissue.
08080	June	Dumfries and Galloway	carbofuran isofenphos	abuse	buzzard	This is an ongoing police investigation.
08082	June	Strathclyde	difenacoum	unspecified	dog	Dog presented with sudden onset seizure. It died, despite veterinary treatment, the same night. Anticoagulant rodenticides are in use on the estate and there was concern that it may have been poisoned. A residue of difenacoum was confirmed in liver tissue. A residue of permethrin was detected in the stomach content material from the dog.
08089	July	Border	glyphosate	abuse	chemical	Following an incident (08025) a shed was searched and a coffee jar containing some amber coloured liquid was found. A label on the jar indicated that it contained "Roundup". Tests have confirmed the presence of glyphosate, the active ingredient of "Roundup".
08090	July	Highland	bromadiolone	unspecified	dog	Dog presented with signs of respiratory/circulatory problems after being exercised in a wood. A large amount of blood stained fluid was drained from the chest and the blood was slow to clot. Tests for the presence of anticoagulant rodenticides revealed a residue of bromadiolone. The source of the chemical has not been established.

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08093	June	Grampian	carbofuran	abuse	glove and knife	This is an ongoing police investigation.
08097	July	Dumfries and Galloway	bromadiolone	unknown	tawny owl, barn owl	These birds were found dead at the roadside. Tests for the presence of anticoagulant rodenticides revealed low, sub-lethal residues of bromadiolone.
08099	July	Grampian	bromadiolone difenacoum	unspecified	buzzard	This bird was found dead under suspicious circumstances. However, the analytical investigation failed to provide any evidence to implicate pesticide poisoning with the bird's death. A routine screen to test for evidence of exposure to anticagulant rodenticides revealed a low residue of bromadiolone and a residue of difenacoum that would normally be considered to be within the anticipated lethal range. No haemorrhaging was noted at the post mortem examination. The source of the chemical has not been established.
08101	August	Highland	carbofuran	abuse	red kite	A radio-tagged bird that had gone missing in the Spring was found dead. The analytical investigation established that carbofuran poisoning was responsible for the bird's death. This is an ongoing police investigation.
08103	August	Grampian	brodifacoum bromadiolone	trauma	2 buzzards	Two buzzards found dead at the roadside. There was concern that the birds may have been poisoned and put there to discredit the estate. The post mortem examination established that both birds showed evidence of injuries consistent with trauma. Low, sub-lethal residues of brodifacoum and bromadiolone were confirmed in liver tissue from one of the buzzards and a low, sub-lethal residue of bromadiolone was confirmed in the liver tissue from the other bird.
08104	May	Grampian	bromadiolone	trauma	red kite	This bird has been hit by a bus. The opportunity was taken to screen for evidence of exposure to anticoagulant rodenticides. A low, sub-lethal residue of bromadiolone was confirmed in liver tissue from the bird.
08106	August	Highland	difenacoum	trauma	buzzard	Bird found dead and reported to the police. The post mortem examination findings were consistent with physical trauma. A low, sub-lethal residue of difenacoum was confirmed in liver tissue from the bird.
08107	August	Tayside	difenacoum	unknown	osprey	Found dead near a loch that had recently been stocked with fish. Only a low, sub-lethal residue of difenacoum was confirmed in liver tissue.

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08109	August	Border	bromadiolone coumatetralyl difenacoum	unspecified	dog	Acute onset of coagulopathy and bleeding into the gastrointestinal tract and lungs. Low residues of bromadiolone, coumatetralyl and difenacoum were confirmed in liver tissue from the dog. The source of the rodenticides has not been established.
08115	July	Strathclyde	metaldehyde	approved	dog	Dog became ill after ingesting metaldehyde slug pellets used in a garden. The dog survived after receiving veterinary treatment.
08116	August	Grampian	carbofuran	abuse	chemical	This is an ongoing police investigation.
08117	September	Lothian	sodium cyanide	abuse	chemical	This is an ongoing police investigation.
08128	October	Strathclyde	carbofuran	abuse	One buzzard and a rabbit bait	This is an ongoing police investigation. A low, sub-lethal residue of difenacoum was also detected in liver tissue from the buzzard.
08131	October	Strathclyde	difenacoum	unknown	One buzzard	These birds were found dead in an area where there is a history of pesticide abuse. However, in this instance there was no analytical evidence to confirm pesticide poisoning. A low, sub-lethal residue of difenacoum was detected in liver
08132	August	Strathclyde	paraquat	abuse	dog	Post mortem examination findings indicative of paraquat poisoning. This is an ongoing investigation.
08133	October	Border	carbofuran	abuse	One buzzard	This is the subject of an ongoing police investigation.
08136	October	Highland	difenacoum	trauma	One sparrowhawk	This bird was found in a dazed condition and died shortly afterwards. There was concern that it may have been poisoned. The post mortem examination findings were consistent with physical trauma in a previously healthy bird. Only a low, sub-lethal residue of difenacoum was confirmed in liver tissue.
08140	November	Grampian	bromadiolone	trauma	One buzzard	This bird was found dead on the Shipway at Aberdeen University Ocean Laboratory. The post mortem examination findings were suggestive of trauma sustained to the right side of the body. The opportunity was taken to screen liver tissue for evidence of exposure to anticoagulant rodenticides. A low, sub-lethal residue of bromadiolone was confirmed.

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08146	November	Border	metaldehyde	abuse	Two suspected bait samples	This is the subject of an ongoing police investigation.
08148	November	Strathclyde	carbofuran	abuse	Three ravens	This is the subject of an ongoing police investigation.
08152	November	Fife	bromadiolone	unspecified	One kestrel	This bird was found dead by a member of the public and reported to the police. The analytical investigation has confirmed the presence of a residue of bromadiolone in liver tissue from the bird. The residue was at a level that would normally be considered to be within the anticipated lethal range. The source of the chemical has not been established.
08157	November	Strathclyde	carbofuran	abuse	Two cats	This is the subject of an ongoing police investigation.
08158	December	Dumfries and Galloway	bromadiolone	unknown	One dog	This dog was found collapsed and later died; anticoagulant rodenticide poisoning was suspected. However, only a low, sub-lethal residue of bromadiolone was detected.
08160	December	Strathclyde	bromadiolone	starvation	One kestrel	This bird was found apparently unwell in a garden and later died. The post mortem examination findings indicated that starvation was the likely cause of death. The opportunity was taken to screen for evidence of exposure to anticoagulant rodenticides. The analysis confirmed the presence of a low, sub-lethal residue of bromadiolone.
08163	December	Central	difenacoum	unknown	One buzzard	The police reported that this buzzard had been found dead in a field. The post mortem examination findings suggested that starvation was the likely cause of death. A low, sub-lethal residue of difenacoum was confirmed in liver tissue.
08164	December	Grampian	bromadiolone	disease	One buzzard	This bird was reported to the police as a potential poisoning victim. However, the post mortem examination revealed that the bird had a heavy endoparasite burden. The analytical investigation was restricted to testing for evidence of exposure to anticoagulant rodenticides. A low, sub-lethal residue of bromadiolone was confirmed.
08167	December	Highland	chloralose	abuse	One buzzard	This is the subject of an ongoing police investigation.