

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072718\
 Data File : BG035954.D
 Acq On : 28 Jul 2018 2:31
 Operator : JU/SJ
 Sample : J4152-04MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jul 28 06:47:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 25 11:04:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	36184	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	142764	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	109901	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	298009	20.00	ng	0.00
75) Chrysene-d12	21.66	240	309872	20.00	ng	0.00
86) Perylene-d12	24.85	264	305179	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	304652	139.78	ng	0.00
7) Phenol-d6	7.19	99	427485	131.46	ng	0.00
23) Nitrobenzene-d5	9.19	82	331233	96.92	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	228412	157.68	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	760179	92.67	ng	0.00
78) Terphenyl-d14	20.00	244	1407012	100.09	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	36631	33.023	ng	# 73
3) Pyridine	3.93	79	91248	31.510	ng	# 71
4) n-Nitrosodimethylamine	3.83	42	47924	38.542	ng	# 86
6) Aniline	7.35	93	123141	29.217	ng	99
8) 2-Chlorophenol	7.59	128	110889	50.026	ng	97
9) Benzaldehyde	7.17	77	62819	31.485	ng	99
10) Phenol	7.22	94	148760	45.282	ng	93
11) bis(2-Chloroethyl)ether	7.45	93	114283	44.420	ng	91
12) 1,3-Dichlorobenzene	7.92	146	124312	46.441	ng	96
13) 1,4-Dichlorobenzene	8.06	146	125149	46.015	ng	98
14) 1,2-Dichlorobenzene	8.38	146	122234	46.784	ng	99
15) Benzyl Alcohol	8.26	79	136088	46.087	ng	# 89
16) 2,2'-oxybis(1-Chloropropan	8.55	45	131808	61.108	ng	78
17) 2-Methylphenol	8.47	107	111035	49.711	ng	# 91
18) Hexachloroethane	9.10	117	47398	45.580	ng	95
19) n-Nitroso-di-n-propylamine	8.83	70	113721	41.531	ng	# 85
20) 3+4-Methylphenols	8.80	107	152406	49.185	ng	93
22) Acetophenone	8.85	105	204458	46.054	ng	94
24) Nitrobenzene	9.23	77	163210	47.487	ng	94
25) Isophorone	9.75	82	333782	52.614	ng	99
26) 2-Nitrophenol	9.94	139	70338	57.624	ng	# 89
27) 2,4-Dimethylphenol	10.00	122	122732	59.400	ng	96
28) bis(2-Chloroethoxy)methane	10.23	93	172012	49.207	ng	95
29) 2,4-Dichlorophenol	10.48	162	136707	57.962	ng	90
30) 1,2,4-Trichlorobenzene	10.69	180	146310	50.589	ng	93
31) Naphthalene	10.88	128	370373	49.803	ng	98
33) 4-Chloroaniline	11.01	127	20940	6.460	ng	# 96
34) Hexachlorobutadiene	11.16	225	109964	48.759	ng	98
35) Caprolactam	11.78	113	36347	35.911	ng	# 61
36) 4-Chloro-3-methylphenol	12.12	107	170213	53.840	ng	95
37) 2-Methylnaphthalene	12.48	142	289241	52.205	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	194084	46.789	ng	98
40) Hexachlorocyclopentadiene	12.82	237	221931	102.018	ng	94
42) 2,4,6-Trichlorophenol	13.09	196	131524	54.219	ng	96

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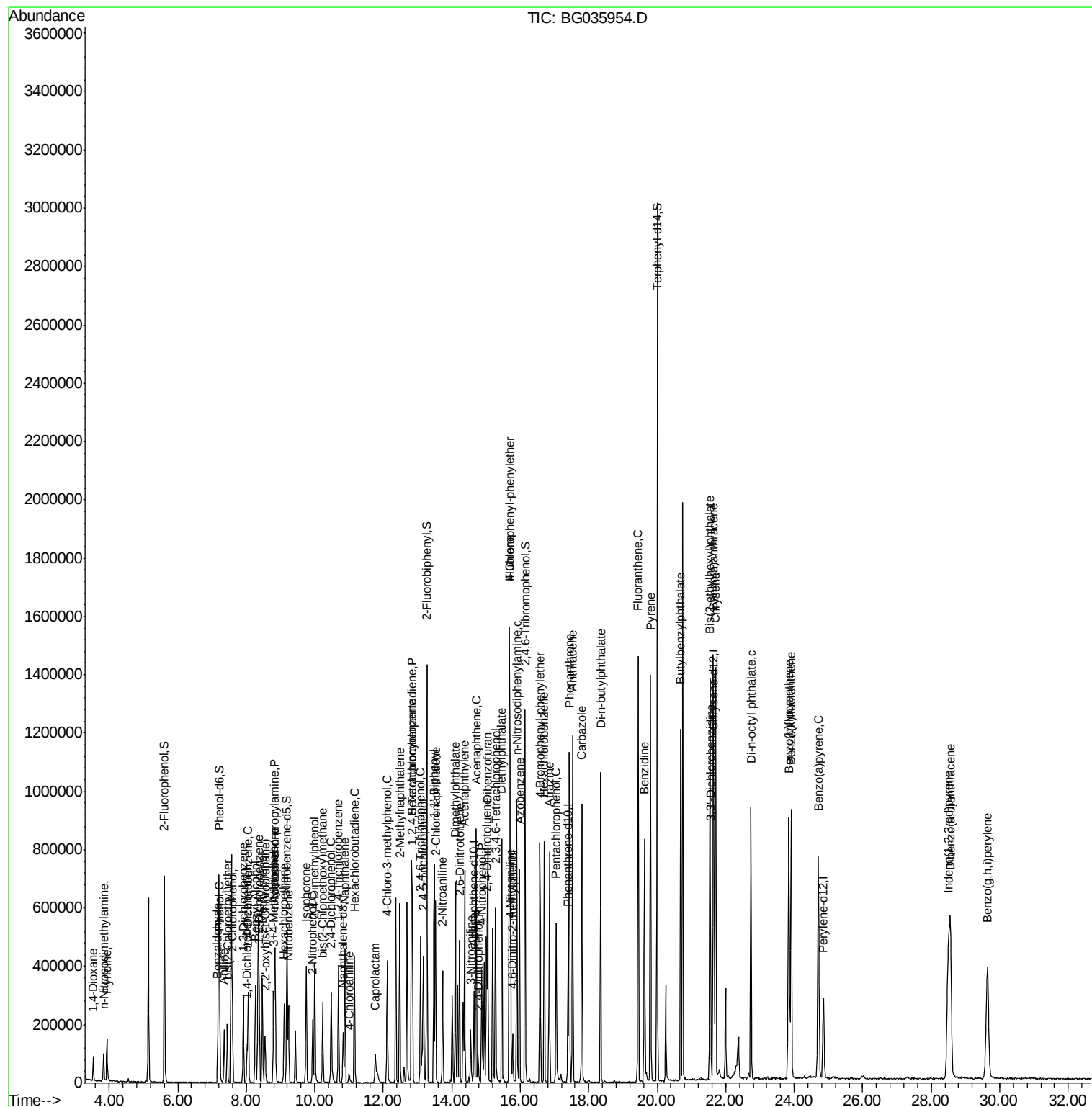
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

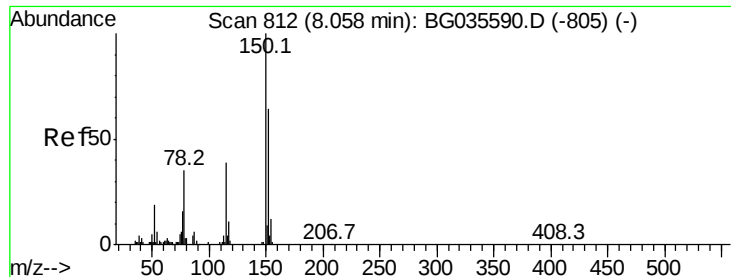
43) 2,4,5-Trichlorophenol	13.17	196	144209	53.141	nq	98
45) 1,1'-Biphenyl	13.49	154	406311	47.686	nq	98
46) 2-Chloronaphthalene	13.53	162	325883	49.170	nq	98
47) 2-Nitroaniline	13.73	65	114988	49.075	nq	90
48) Acenaphthylene	14.37	152	541413	48.767	nq	99
49) Dimethylphthalate	14.10	163	462506	48.033	nq	98
50) 2,6-Dinitrotoluene	14.23	165	106275	54.199	nq	94
51) Acenaphthene	14.71	154	319225	46.158	nq	98
52) 3-Nitroaniline	14.56	138	50807	25.352	nq #	93
53) 2,4-Dinitrophenol	14.77	184	27789	31.874	nq #	66
54) Dibenzofuran	15.05	168	536393	48.768	nq	93
55) 4-Nitrophenol	14.88	139	112805	79.037	nq #	85
56) 2,4-Dinitrotoluene	15.01	165	155800	55.385	nq	88
57) Fluorene	15.69	166	444466	48.214	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.28	232	142442	54.745	nq	93
59) Diethylphthalate	15.46	149	461997	46.661	nq	98
60) 4-Chlorophenyl-phenylether	15.68	204	261432	48.250	nq	99
61) 4-Nitroaniline	15.72	138	99070	47.258	nq #	79
62) Azobenzene	15.98	77	466525	47.769	nq	94
64) 4,6-Dinitro-2-methylphenol	15.78	198	41946	25.285	nq	90
65) n-Nitrosodiphenylamine	15.90	169	405111	47.759	nq	97
66) 4-Bromophenyl-phenylether	16.58	248	176066	50.924	nq	97
67) Hexachlorobenzene	16.70	284	180770	50.771	nq	98
68) Atrazine	16.85	200	178222	51.030	nq	95
69) Pentachlorophenol	17.05	266	118779	54.771	nq	98
70) Phenanthrene	17.44	178	729892	49.084	nq	97
71) Anthracene	17.53	178	752420	50.816	nq	98
72) Carbazole	17.80	167	672677	47.838	nq	98
73) Di-n-butylphthalate	18.35	149	773142	46.528	nq #	98
74) Fluoranthene	19.44	202	961323	47.994	nq	96
76) Benzidine	19.62	184	540279	66.319	nq	98
77) Pyrene	19.81	202	943261	48.141	nq	97
79) Butylbenzylphthalate	20.68	149	361251	51.558	nq	97
80) Benzo(a)anthracene	21.64	228	969569	50.210	nq	99
81) 3,3'-Dichlorobenzidine	21.56	252	196793	29.228	nq #	97
82) Chrysene	21.70	228	901331	50.369	nq	97
83) Bis(2-ethylhexyl)phthalate	21.53	149	499891	52.478	nq	100
84) Di-n-octyl phthalate	22.73	149	854896	53.600	nq #	93
85) Indeno(1,2,3-cd)pyrene	28.50	276	1052384	53.120	nq #	86
87) Benzo(b)fluoranthene	23.84	252	952104	51.330	nq #	97
88) Benzo(k)fluoranthene	23.91	252	881407	48.605	nq #	97
89) Benzo(a)pyrene	24.71	252	897285	51.998	nq #	97
90) Dibenzo(a,h)anthracene	28.56	278	873159	51.540	nq #	96
91) Benzo(g,h,i)perylene	29.65	276	854023	51.516	nq #	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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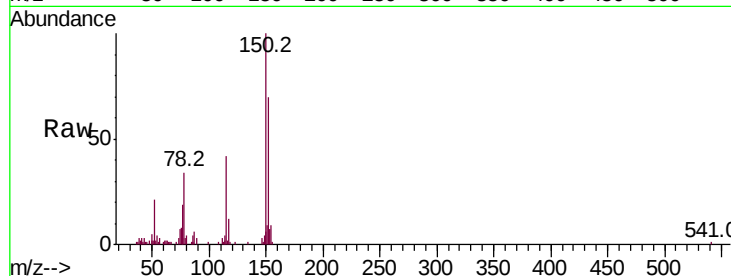




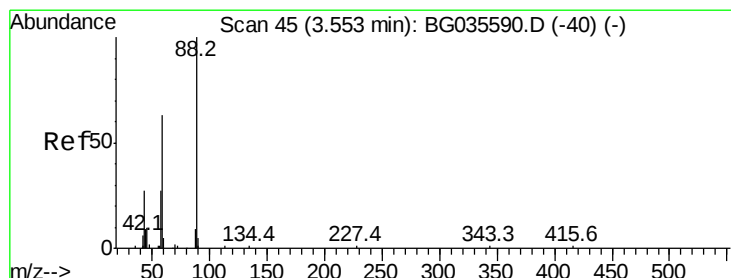
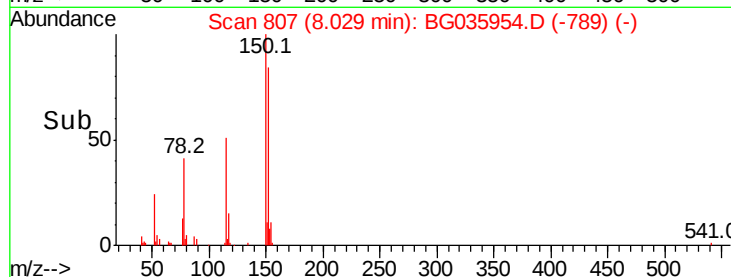
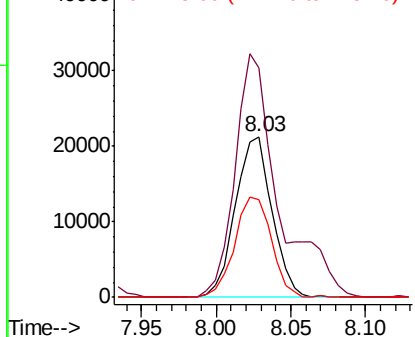
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. 0.00 min
Lab File: BG035954.D
Acq: 28 Jul 2018 2:31

Tot Ion	Ratio	Lower	Upper
152	100		
150	143.3	126.6	189.8
115	60.7	53.0	79.4



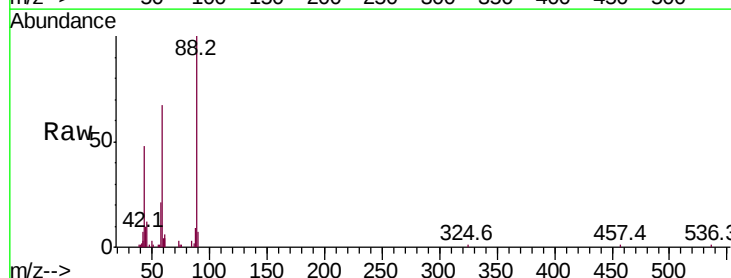
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



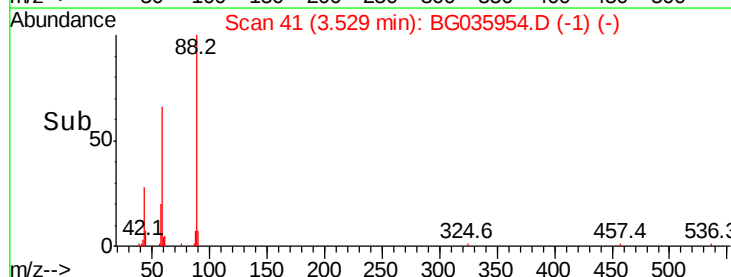
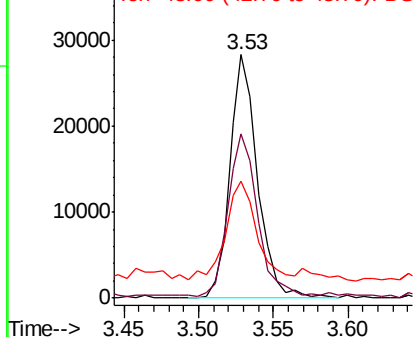
#2

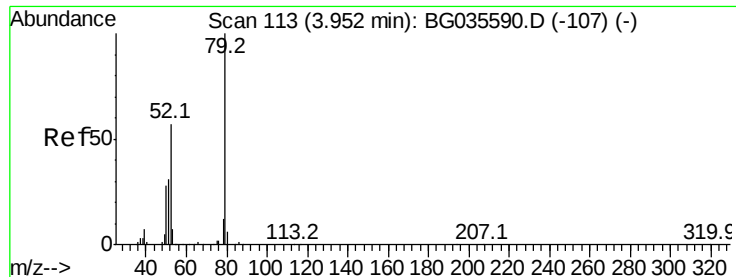
1,4-Dioxane
Concen: 33.023 ng
RT: 3.53 min Scan# 41
Delta R.T. 0.00 min
Lab File: BG035954.D
Acq: 28 Jul 2018 2:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.4	79.6	119.4#
43	45.8	27.4	41.0#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 31.510 ng

RT: 3.93 min Scan# 109

Delta R.T. 0.01 min

Lab File: BG035954.D

Acq: 28 Jul 2018 2:31

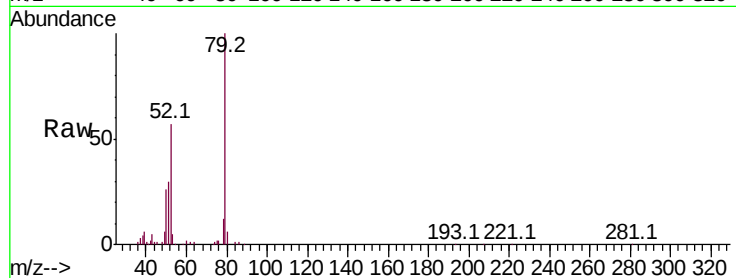
Tot Ion: 79 Resp: 91248

Ion Ratio Lower Upper

79 100

52 57.0 69.9 104.9#

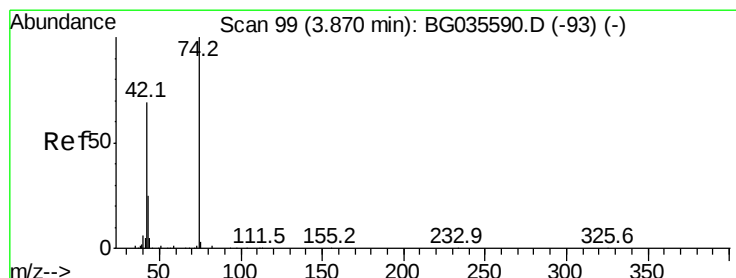
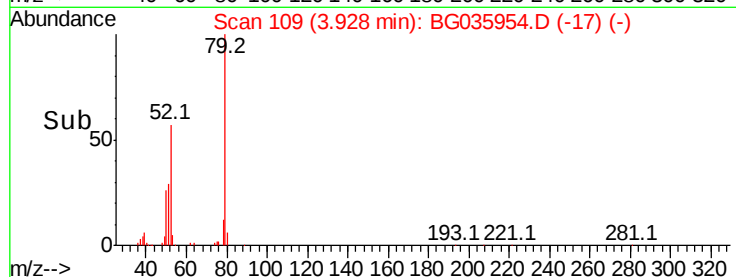
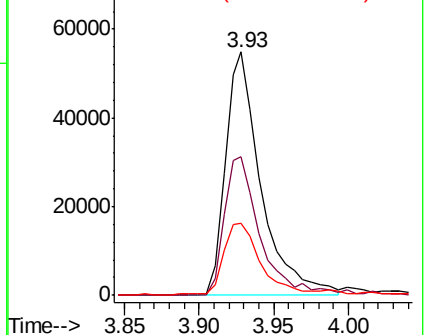
51 29.8 34.0 51.0#



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 38.542 ng

RT: 3.83 min Scan# 92

Delta R.T. -0.01 min

Lab File: BG035954.D

Acq: 28 Jul 2018 2:31

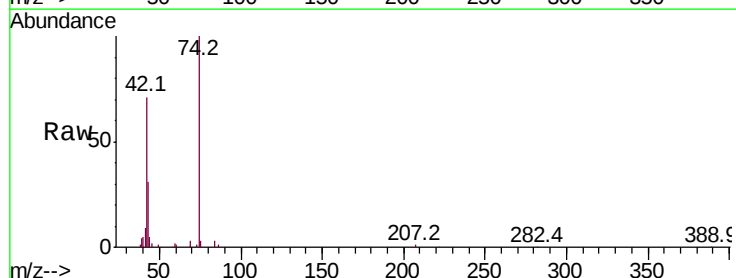
Tgt Ion: 42 Resp: 47924

Ion Ratio Lower Upper

42 100

74 140.6 102.5 153.7

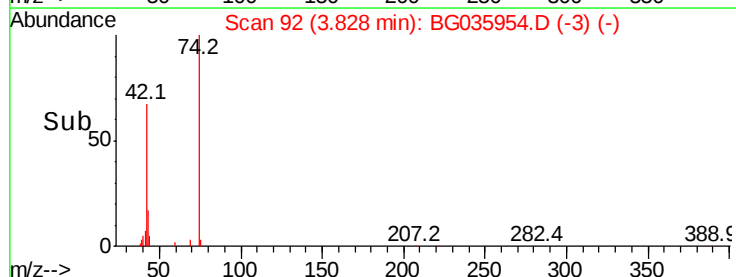
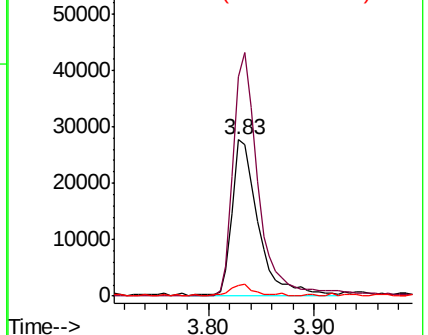
44 7.2 18.9 28.3#

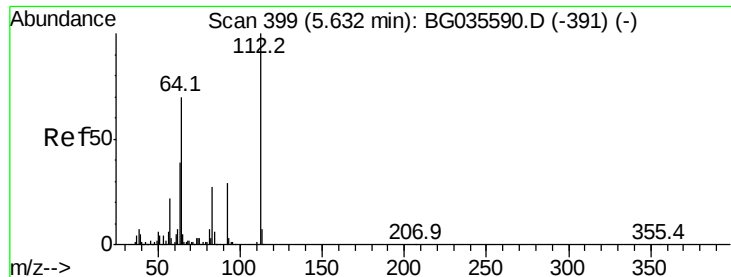


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 139.784 ng

RT: 5.61 min Scan# 395

Delta R.T. 0.00 min

Lab File: BG035954.D

Acq: 28 Jul 2018 2:31

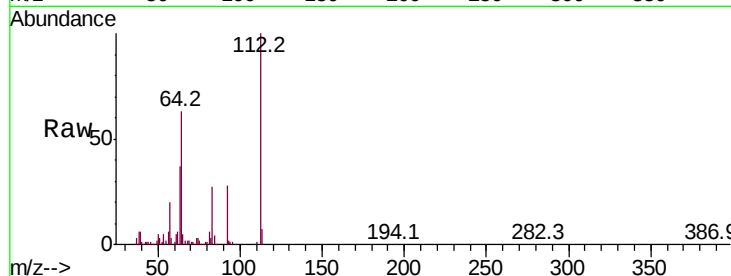
Tot Ion: 112 Resp: 304652

Ion Ratio Lower Upper

112 100

64 63.3 56.3 84.5

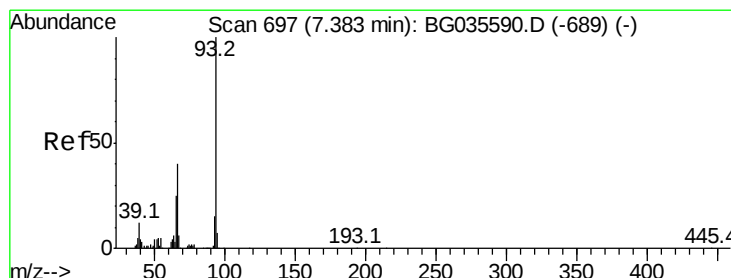
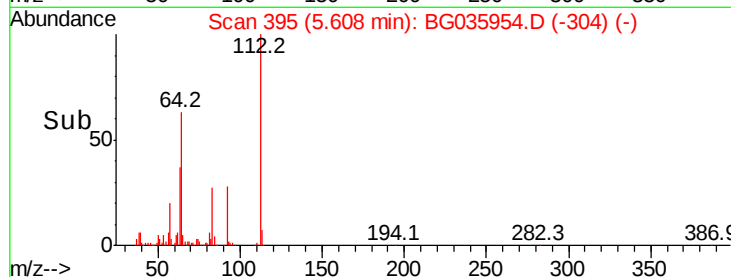
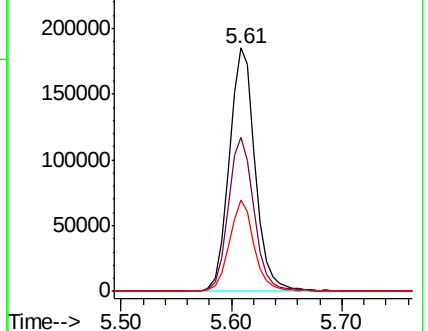
63 37.3 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 29.217 ng

RT: 7.35 min Scan# 692

Delta R.T. -0.00 min

Lab File: BG035954.D

Acq: 28 Jul 2018 2:31

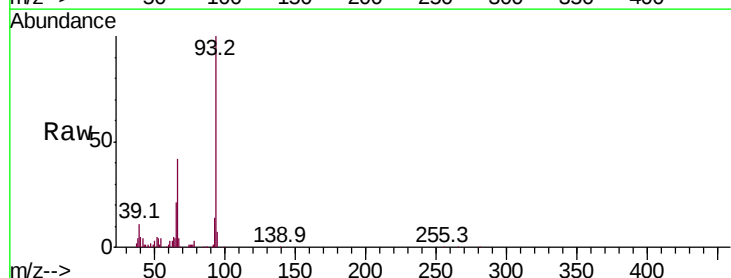
Tgt Ion: 93 Resp: 123141

Ion Ratio Lower Upper

93 100

66 42.3 33.7 50.5

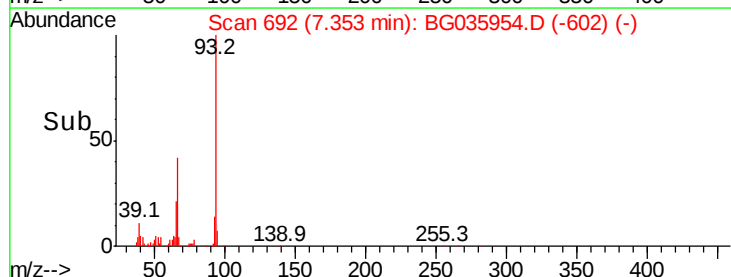
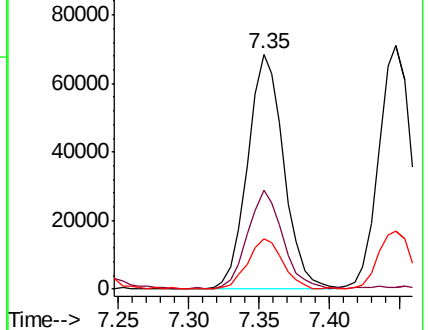
65 21.2 16.1 24.1



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 131.464 ng

RT: 7.19 min Scan# 665

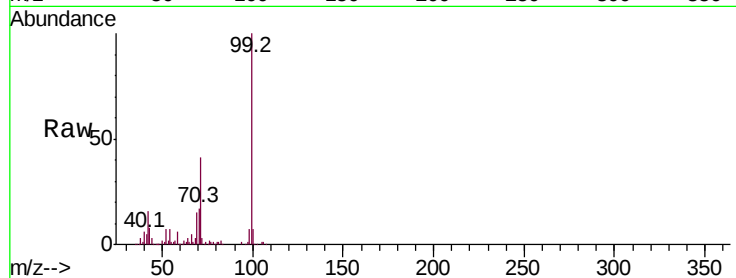
Delta R.T. -0.00 min

Lab File: BG035954.D

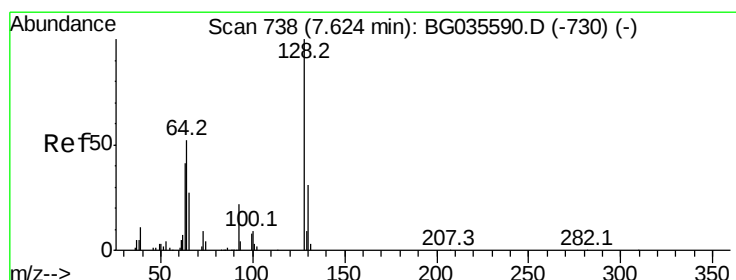
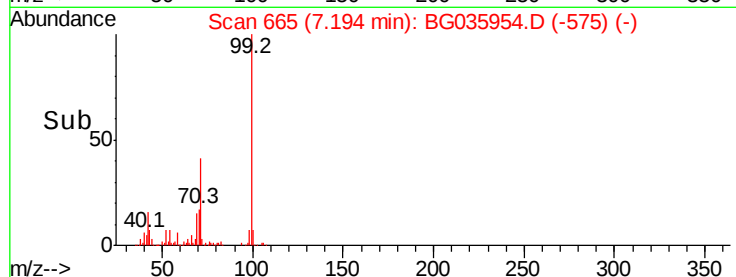
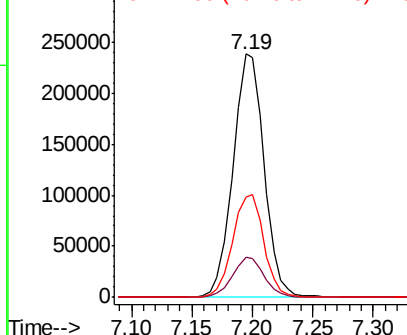
Acq: 28 Jul 2018 2:31

Tot Ion: 99 Resp: 427485

Ion	Ratio	Lower	Upper
99	100		
42	16.3	14.1	21.1
71	41.3	26.1	39.1



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 50.026 ng

RT: 7.59 min Scan# 733

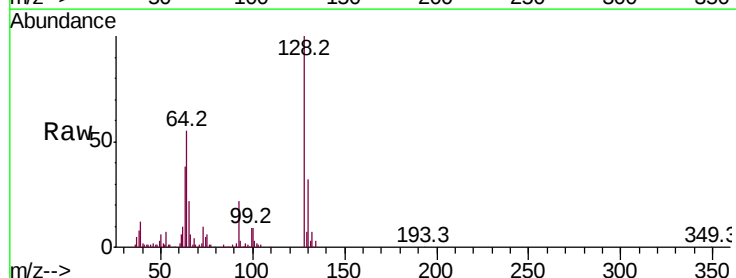
Delta R.T. -0.00 min

Lab File: BG035954.D

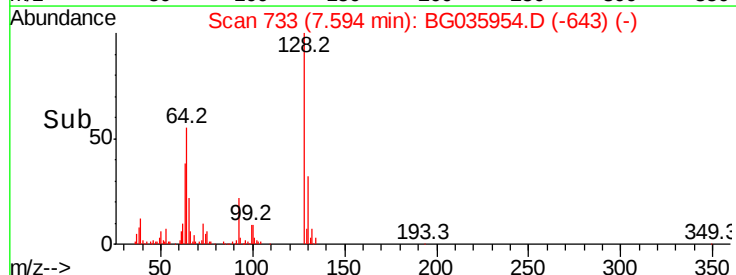
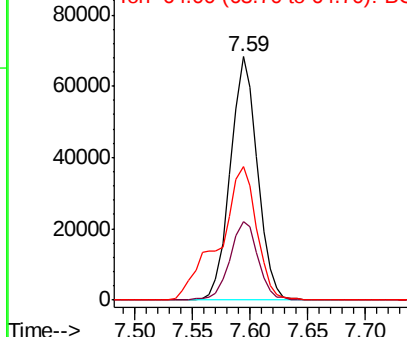
Acq: 28 Jul 2018 2:31

Tgt Ion: 128 Resp: 110889

Ion	Ratio	Lower	Upper
128	100		
130	32.5	14.0	54.0
64	54.8	37.7	77.7



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 31.485 ng

RT: 7.17 min Scan# 660

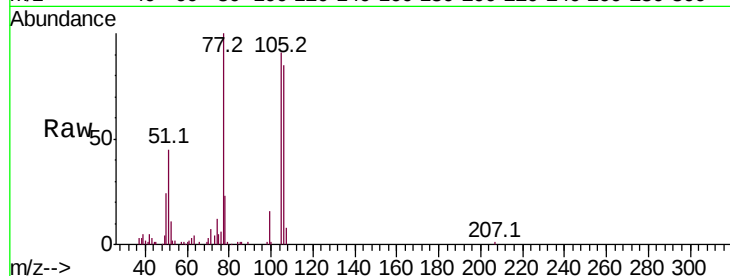
Delta R.T. -0.00 min

Lab File: BG035954.D

Acq: 28 Jul 2018 2:31

Tot Ion: 77 Resp: 62819

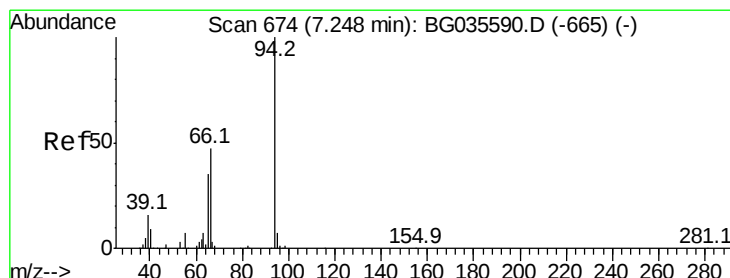
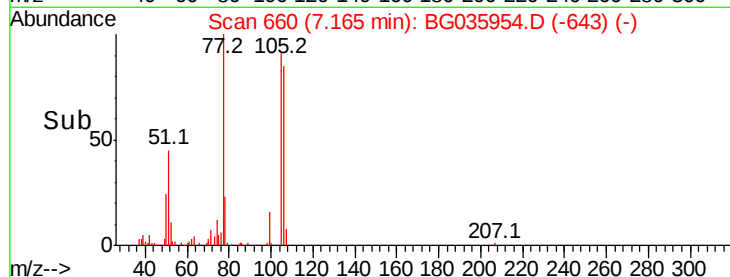
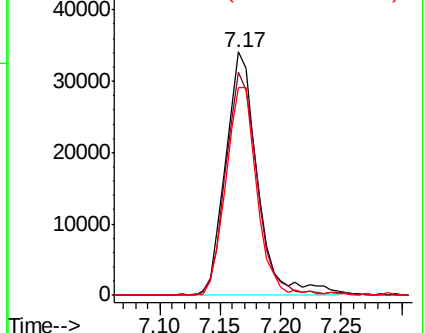
Ion	Ratio	Lower	Upper
77	100		
105	91.5	71.3	111.3
106	85.2	64.2	104.2



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 45.282 ng

RT: 7.22 min Scan# 670

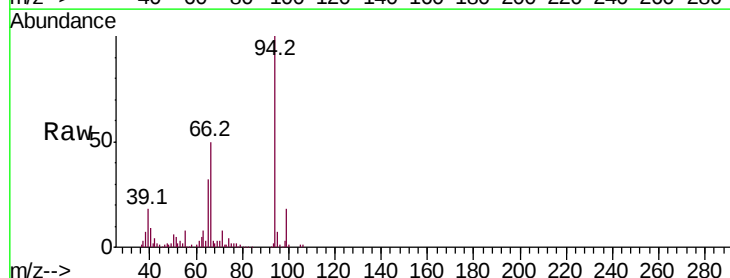
Delta R.T. 0.00 min

Lab File: BG035954.D

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Tgt Ion: 94 Resp: 148760

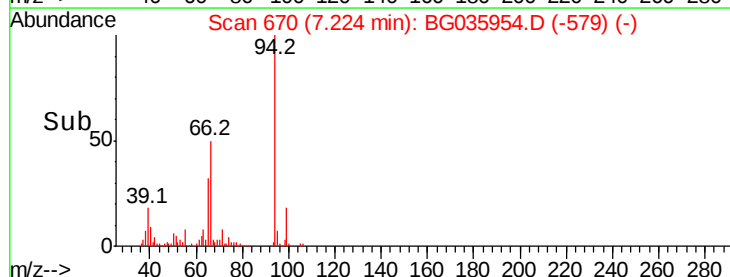
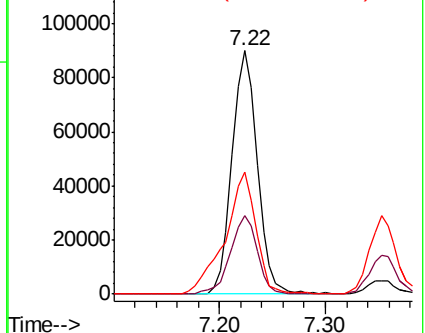
Ion	Ratio	Lower	Upper
94	100		
65	32.2	11.9	51.9
66	49.9	22.2	62.2

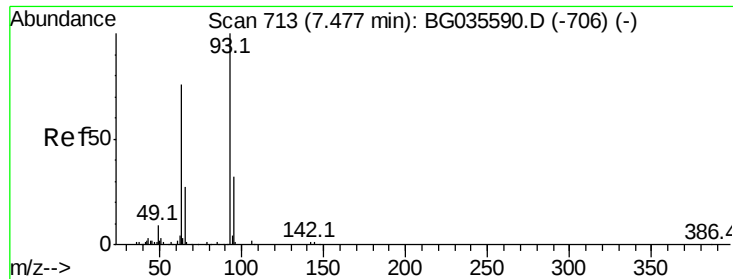


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 44.420 ng

RT: 7.45 min Scan# 708

Delta R.T. -0.00 min

Lab File: BG035954.D

Acq: 28 Jul 2018 2:31

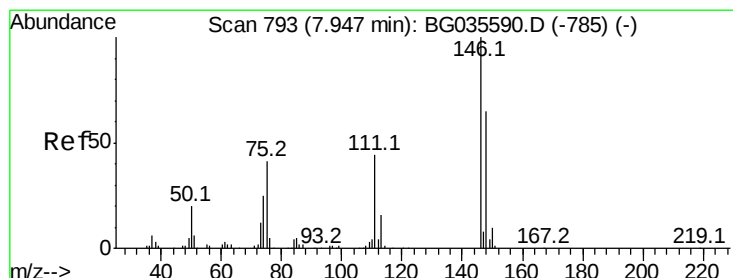
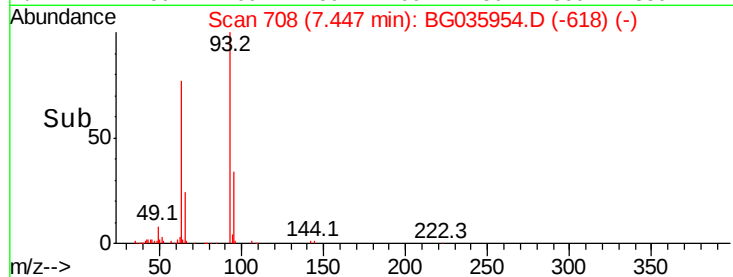
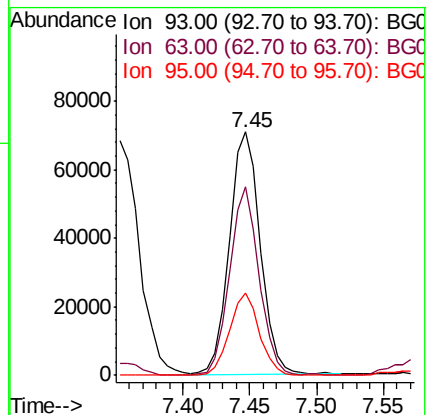
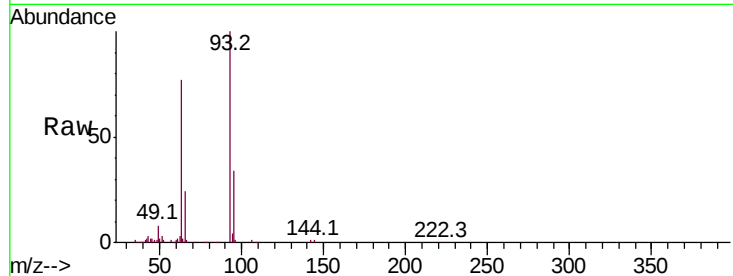
Tot Ion: 93 Resp: 114283

Ion	Ratio	Lower	Upper
93	100		
63	77.3	67.1	107.1
95	33.9	11.5	51.5

93 100

63 77.3 67.1 107.1

95 33.9 11.5 51.5



#12

1,3-Dichlorobenzene

Concen: 46.441 ng

RT: 7.92 min Scan# 788

Delta R.T. -0.00 min

Lab File: BG035954.D

Acq: 28 Jul 2018 2:31

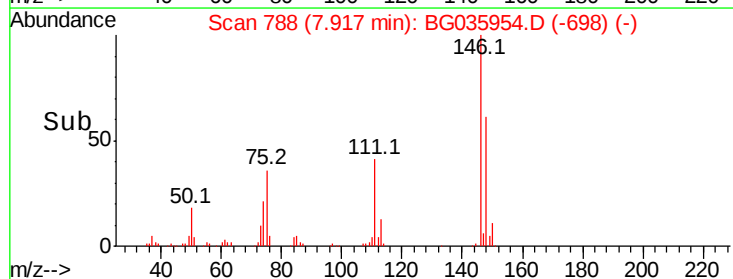
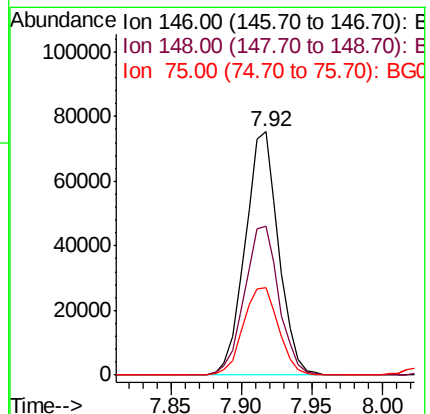
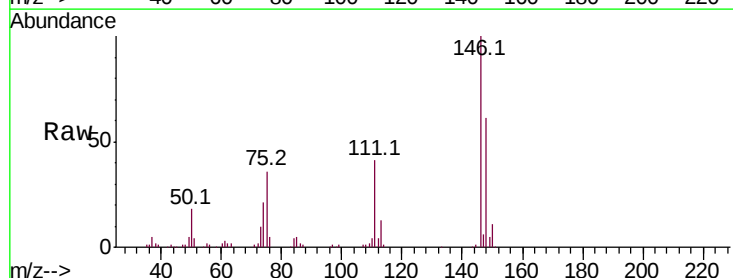
Tgt Ion: 146 Resp: 124312

Ion	Ratio	Lower	Upper
146	100		
148	61.0	51.4	77.2
75	36.0	26.6	39.8

146 100

148 61.0 51.4 77.2

75 36.0 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 46.015 ng

RT: 8.06 min Scan# 812

Delta R.T. -0.01 min

Lab File: BG035954.D

Acq: 28 Jul 2018 2:31

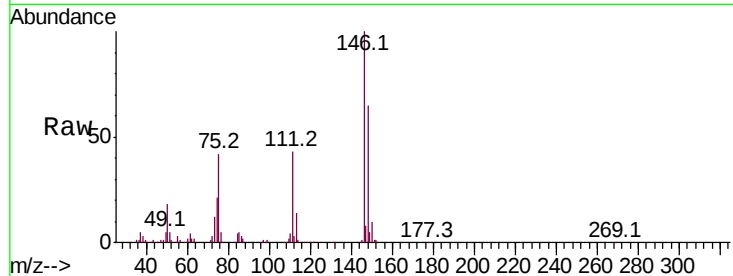
Tot Ion:146 Resp: 125149

Ion Ratio Lower Upper

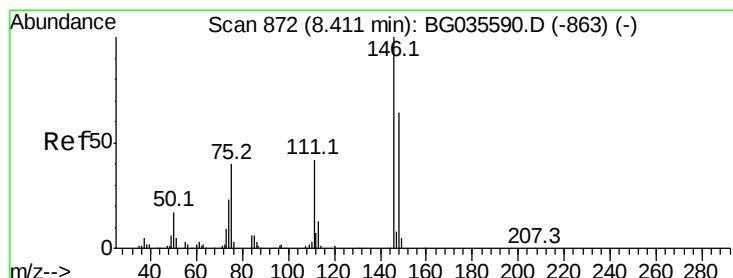
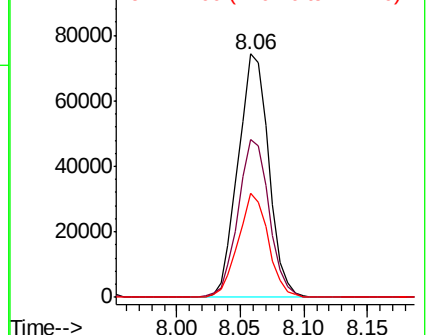
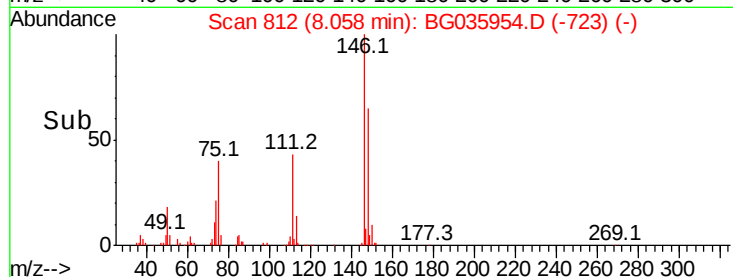
146 100

148 65.0 53.7 80.5

111 42.9 35.2 52.8



Abundance Ion 146.00 (145.70 to 146.70): E
100000 Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 46.784 ng

RT: 8.38 min Scan# 867

Delta R.T. -0.00 min

Lab File: BG035954.D

Acq: 28 Jul 2018 2:31

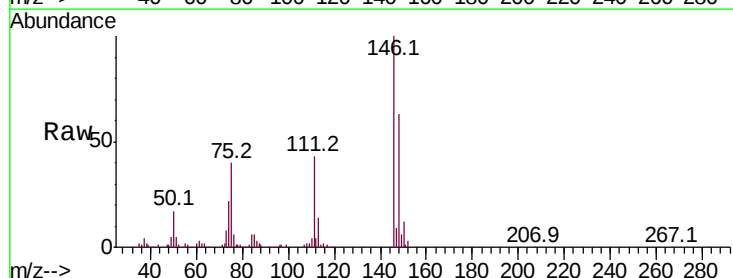
Tgt Ion:146 Resp: 122234

Ion Ratio Lower Upper

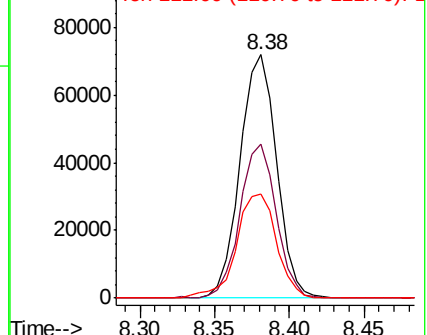
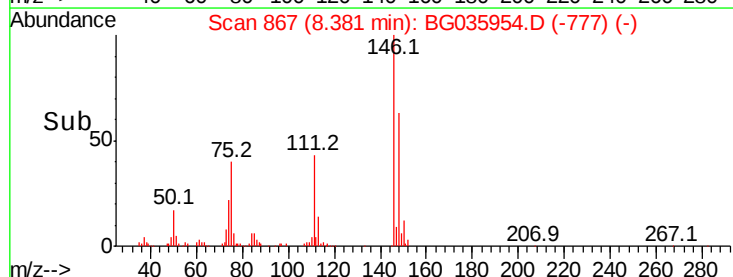
146 100

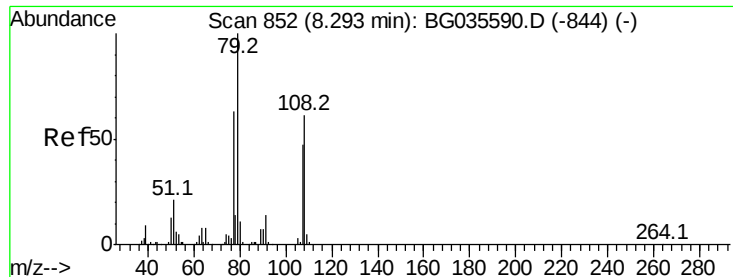
148 63.0 49.3 73.9

111 42.8 34.3 51.5



Abundance Ion 146.00 (145.70 to 146.70): E
100000 Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.087 ng

RT: 8.26 min Scan# 847

Delta R.T. -0.00 min

Lab File: BG035954.D

Acq: 28 Jul 2018 2:31

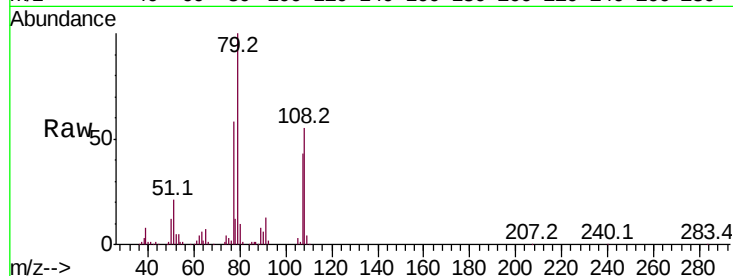
Tot Ion: 79 Resp: 136088

Ion Ratio Lower Upper

79 100

108 54.5 57.2 85.8#

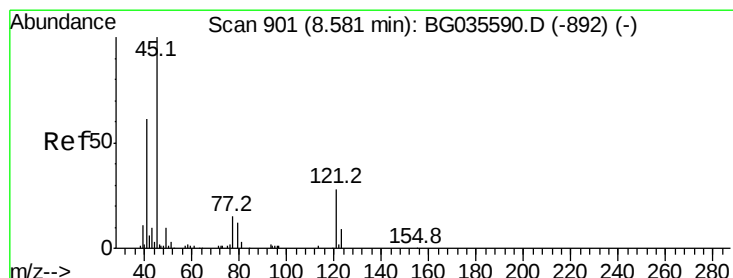
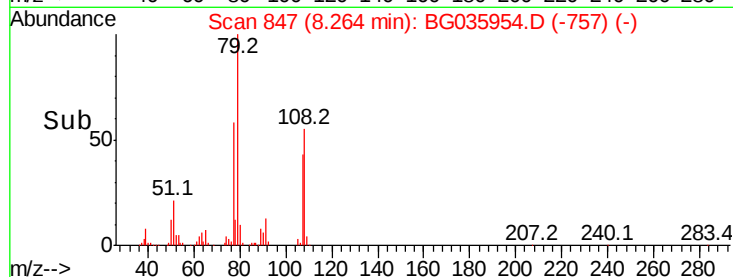
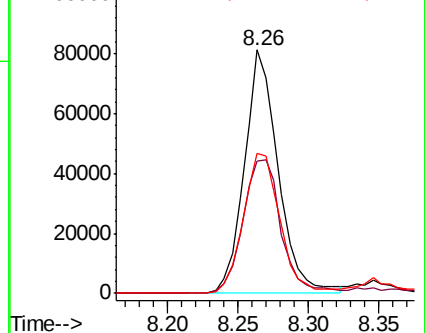
77 57.6 46.1 69.1



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 61.108 ng

RT: 8.55 min Scan# 896

Delta R.T. -0.00 min

Lab File: BG035954.D

Acq: 28 Jul 2018 2:31

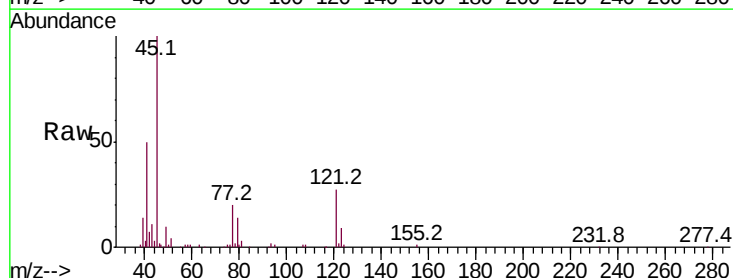
Tgt Ion: 45 Resp: 131808

Ion Ratio Lower Upper

45 100

77 19.8 0.0 30.2

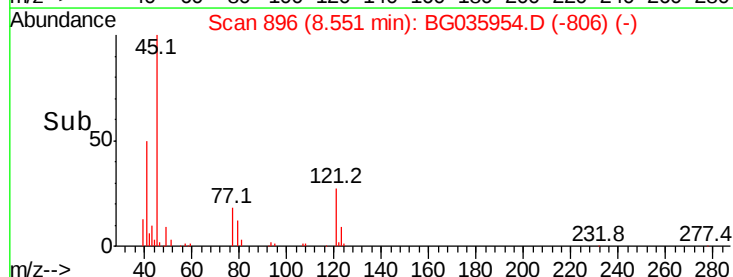
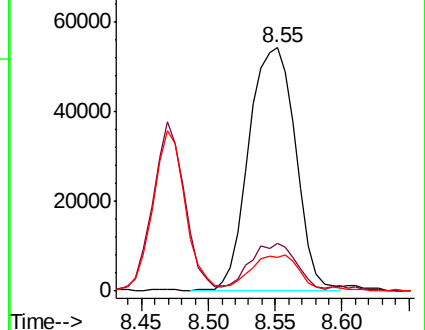
79 14.0 0.0 27.9

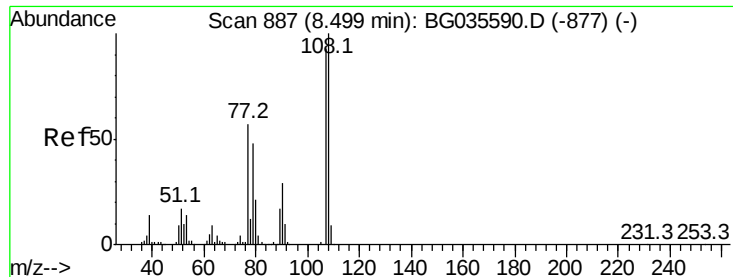


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 49.711 ng

RT: 8.47 min Scan# 882

Delta R.T. -0.00 min

Lab File: BG035954.D

Acq: 28 Jul 2018 2:31

Tot Ion:107 Resp: 111035

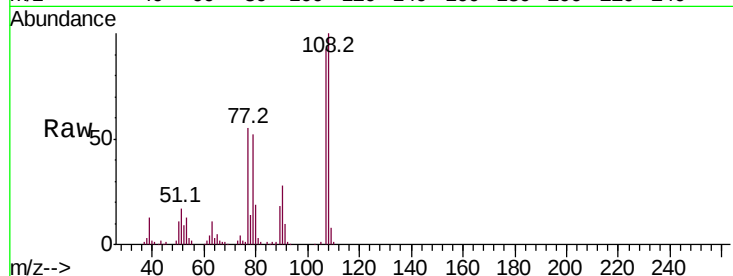
Ion Ratio Lower Upper

107 100

108 107.5 83.9 125.9

77 58.8 37.2 55.8#

79 55.6 36.2 54.2#



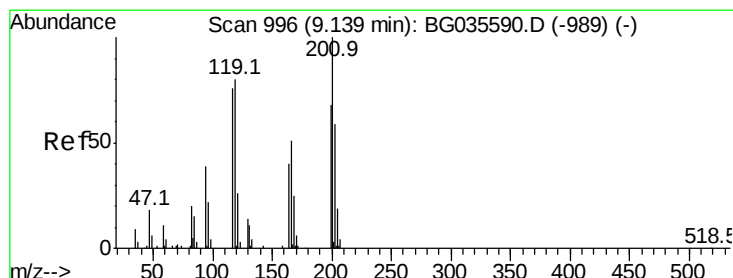
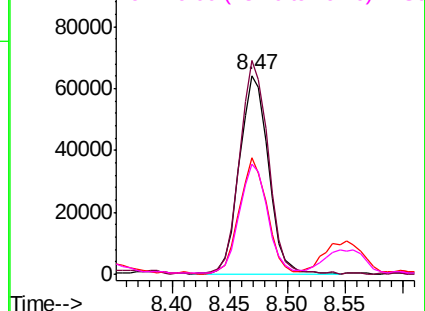
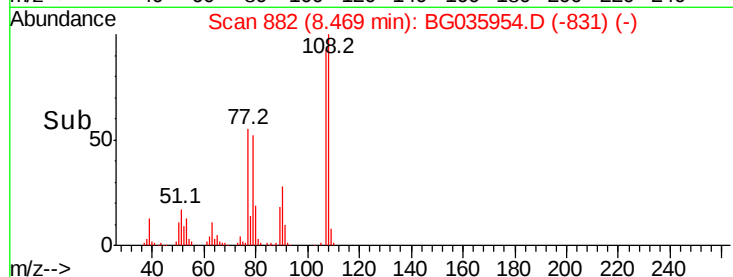
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 45.580 ng

RT: 9.10 min Scan# 990

Delta R.T. -0.00 min

Lab File: BG035954.D

Acq: 28 Jul 2018 2:31

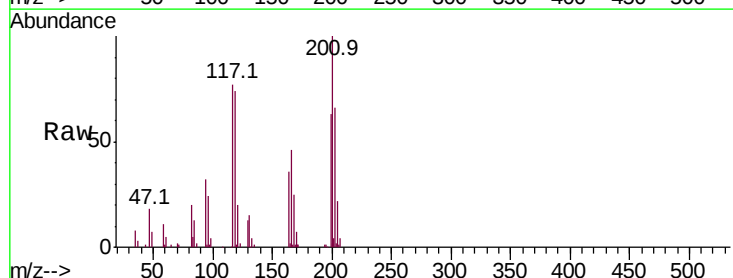
Tgt Ion:117 Resp: 47398

Ion Ratio Lower Upper

117 100

119 96.0 76.7 115.1

201 129.1 95.7 143.5

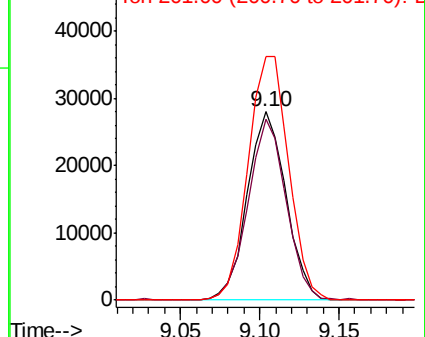
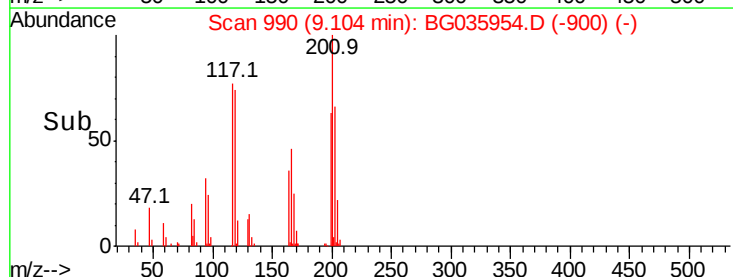


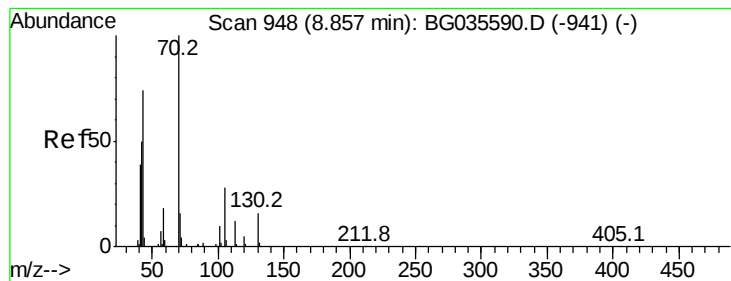
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 41.531 ng

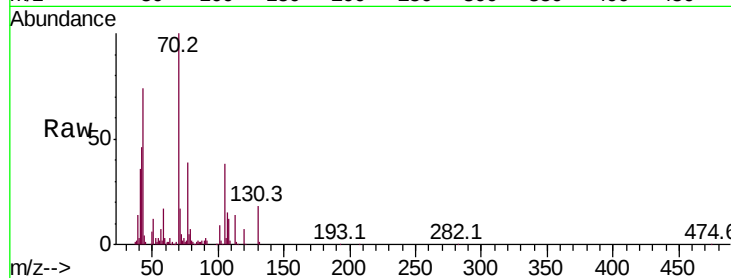
RT: 8.83 min Scan# 943

Delta R.T. -0.00 min

Lab File: BG035954.D

Acq: 28 Jul 2018 2:31

Tot Ion:	70	Resp:	113721
Ion	Ratio	Lower	Upper
70	100		
42	46.4	49.1	73.7#
101	9.2	8.5	12.7
130	17.9	13.4	20.0



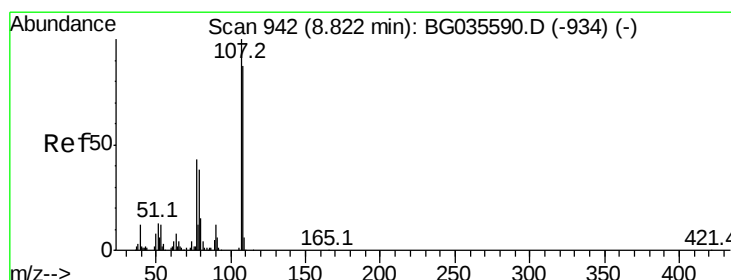
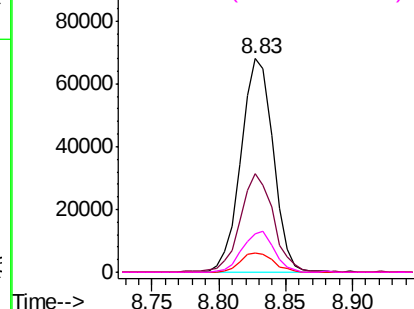
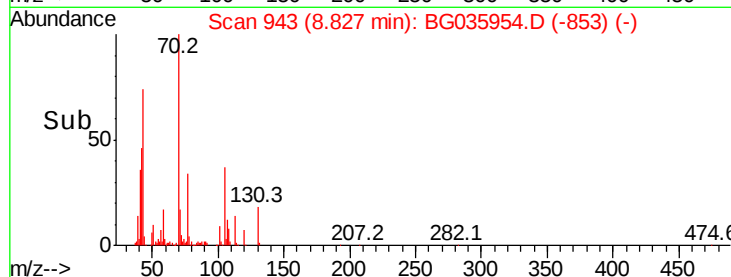
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 49.185 ng

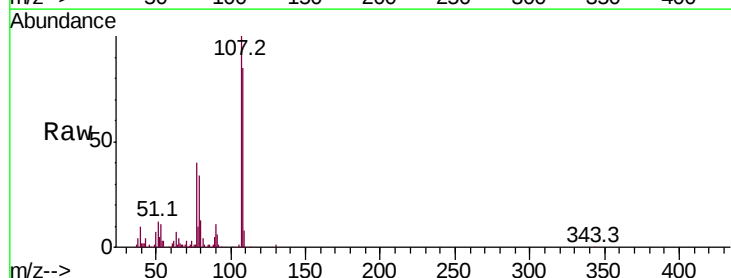
RT: 8.80 min Scan# 938

Delta R.T. -0.00 min

Lab File: BG035954.D

Acq: 28 Jul 2018 2:31

Tgt Ion:	107	Resp:	152406
Ion	Ratio	Lower	Upper
107	100		
108	85.4	61.6	101.6
77	40.1	13.9	53.9
79	34.4	8.8	48.8



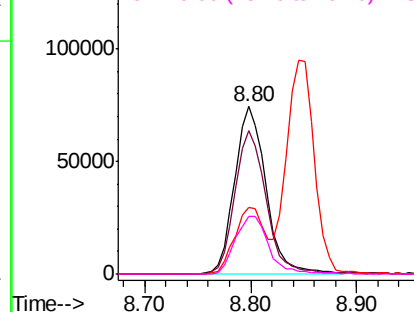
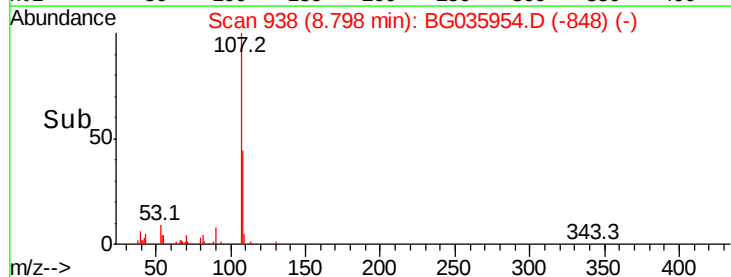
Abundance

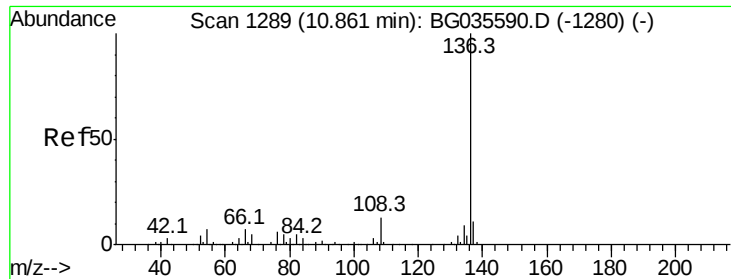
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BG035954.D

Acq: 28 Jul 2018 2:31

Tot Ion:136 Resp: 142764

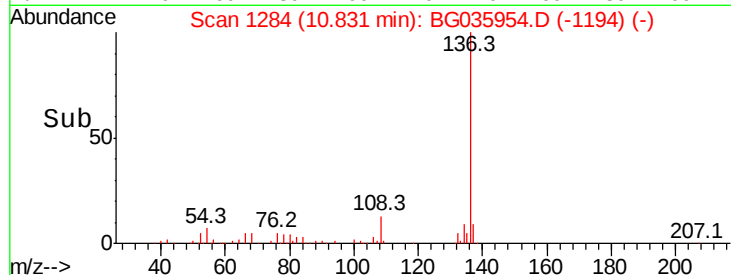
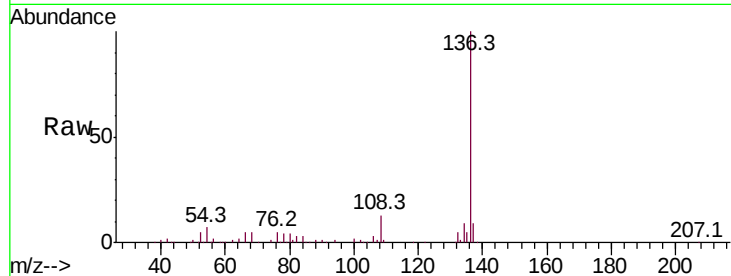
Ion Ratio Lower Upper

136 100

137 9.0 9.2 13.8#

54 7.3 10.3 15.5#

68 4.8 4.5 6.7

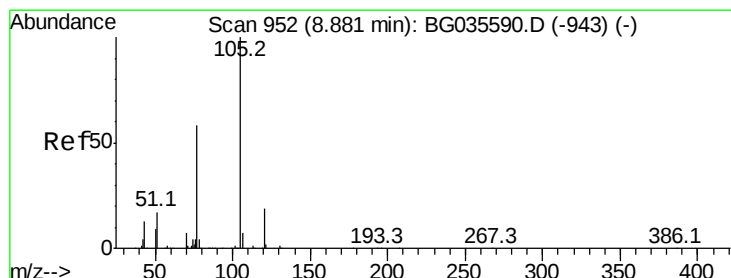
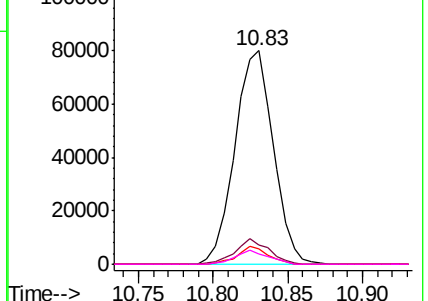


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 46.054 ng

RT: 8.85 min Scan# 946

Delta R.T. -0.00 min

Lab File: BG035954.D

Acq: 28 Jul 2018 2:31

Tgt Ion:105 Resp: 204458

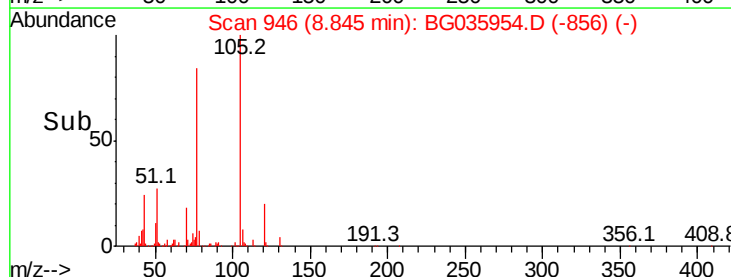
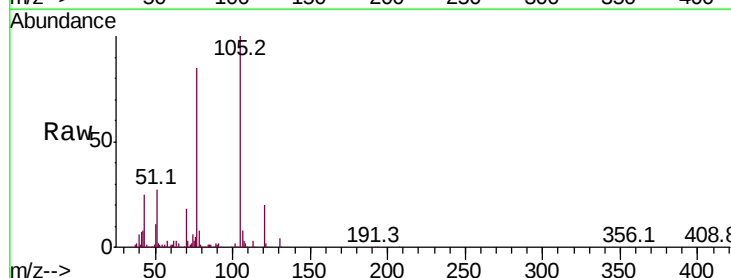
Ion Ratio Lower Upper

105 100

71 3.4 3.0 4.4

51 27.4 26.1 39.1

120 20.4 17.4 26.2

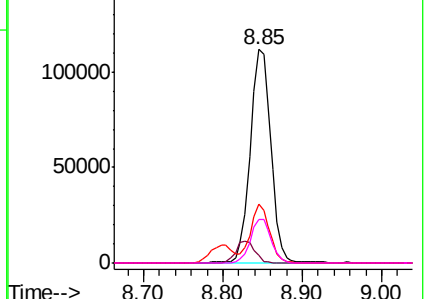


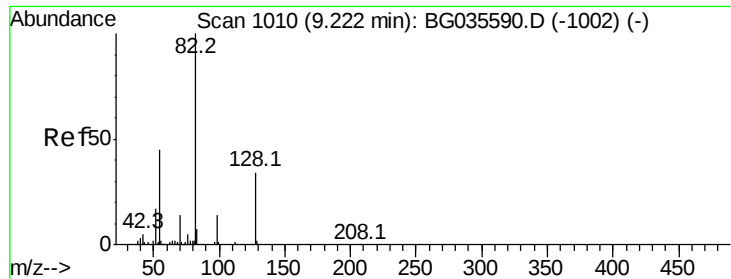
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 96.923 ng

RT: 9.19 min Scan# 1004

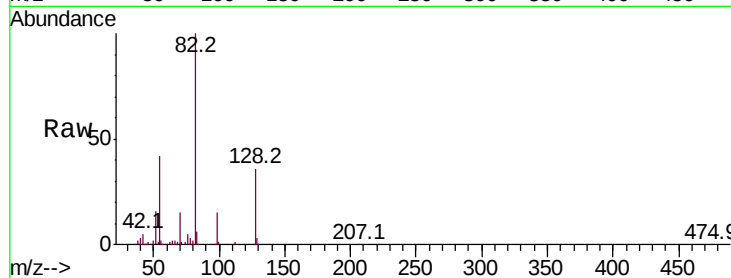
Delta R.T. -0.00 min

Lab File: BG035954.D

Acq: 28 Jul 2018 2:31

Tot Ion: 82 Resp: 331233

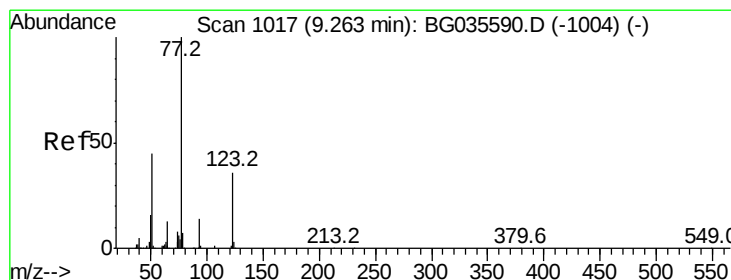
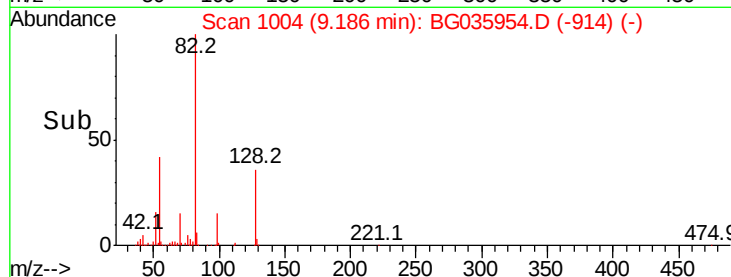
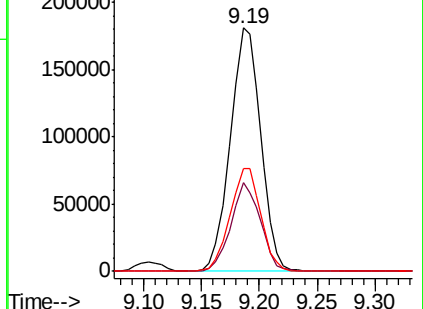
Ion	Ratio	Lower	Upper
82	100		
128	36.2	29.7	44.5
54	42.4	43.1	64.7#



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#24

Nitrobenzene

Concen: 47.487 ng

RT: 9.23 min Scan# 1012

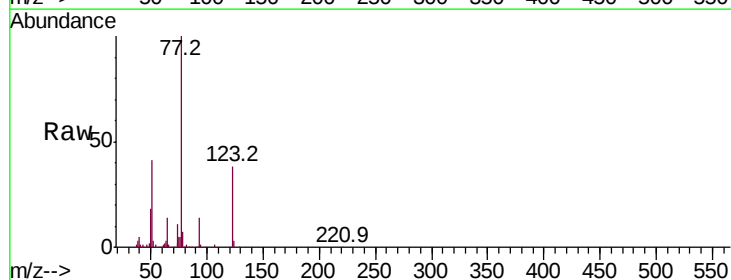
Delta R.T. 0.00 min

Lab File: BG035954.D

Acq: 28 Jul 2018 2:31

Tgt Ion: 77 Resp: 163210

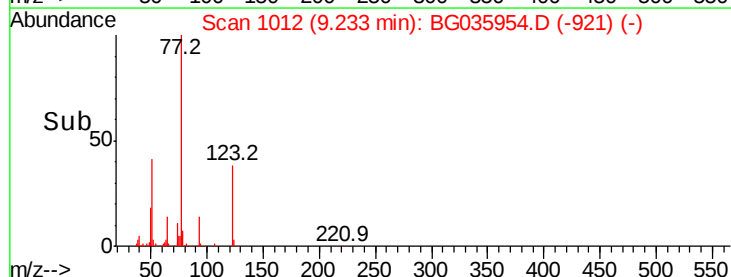
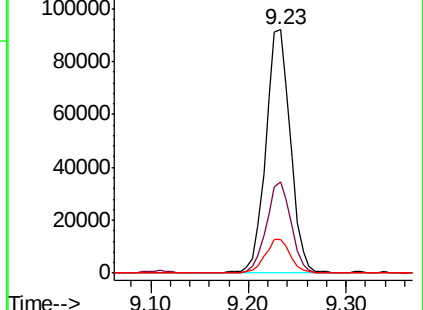
Ion	Ratio	Lower	Upper
77	100		
123	37.6	33.0	49.6
65	13.8	13.0	19.6

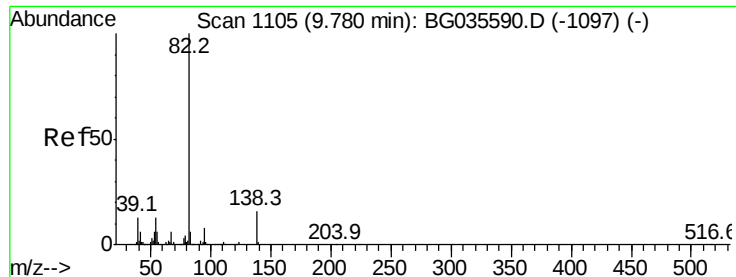


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 52.614 ng

RT: 9.75 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BG035954.D

Acq: 28 Jul 2018 2:31

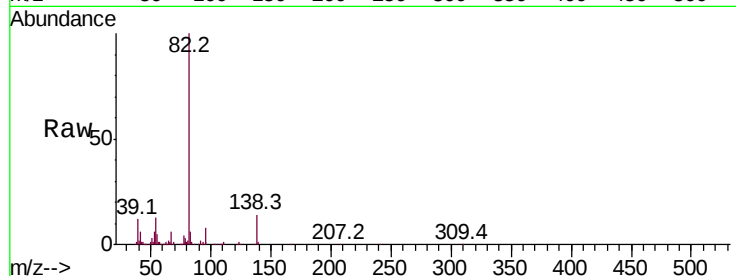
Tot Ion: 82 Resp: 333782

Ion Ratio Lower Upper

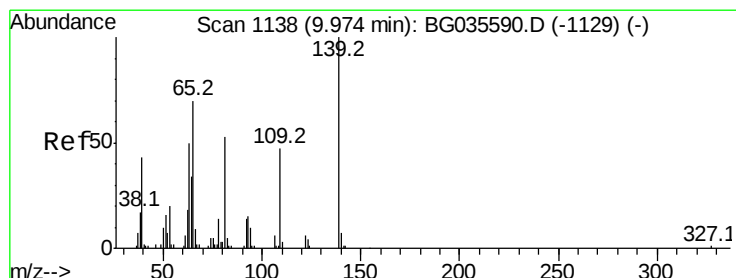
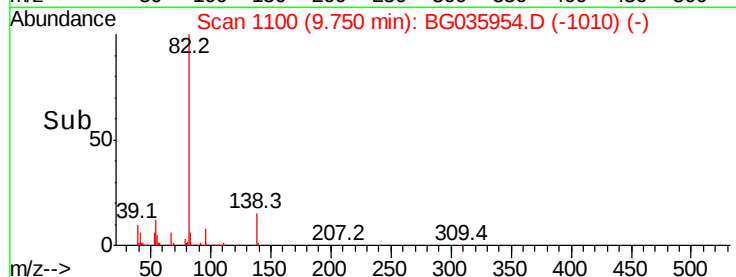
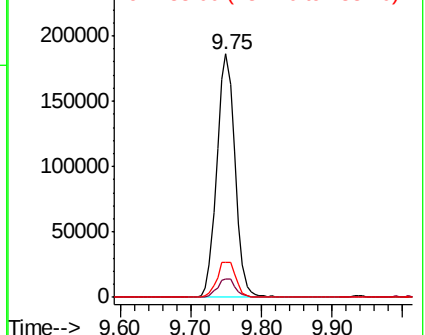
82 100

95 7.6 6.2 9.2

138 14.4 12.1 18.1



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 57.624 ng

RT: 9.94 min Scan# 1132

Delta R.T. -0.01 min

Lab File: BG035954.D

Acq: 28 Jul 2018 2:31

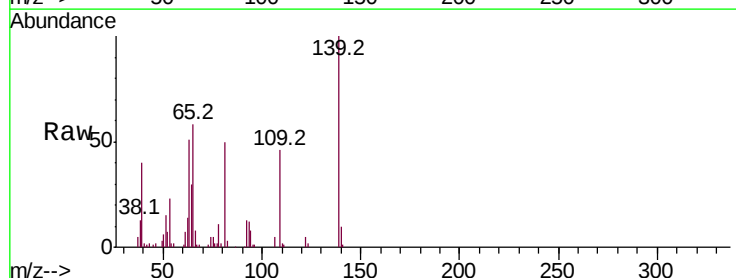
Tgt Ion: 139 Resp: 70338

Ion Ratio Lower Upper

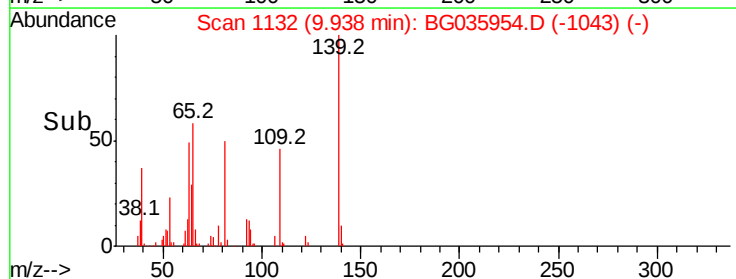
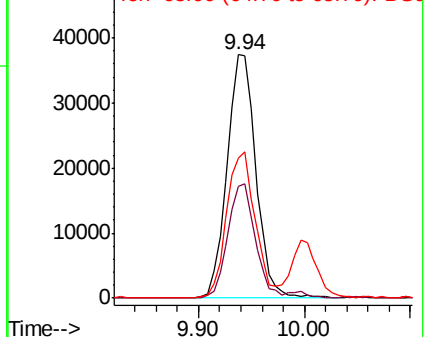
139 100

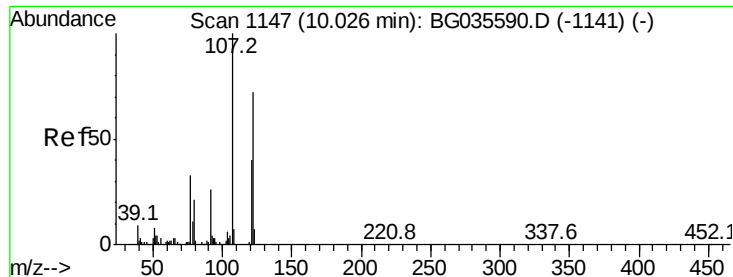
109 45.7 24.2 36.2#

65 57.7 47.4 71.0



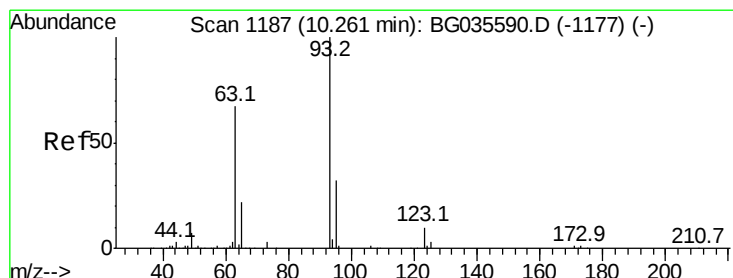
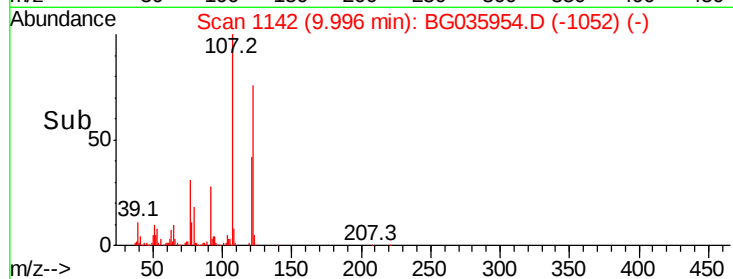
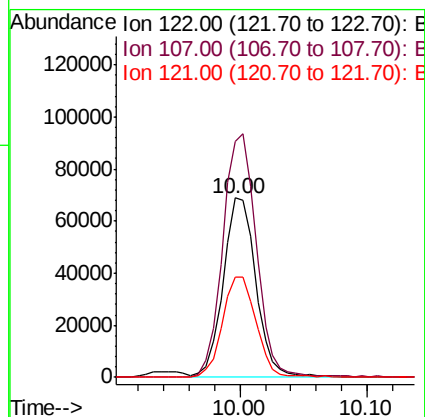
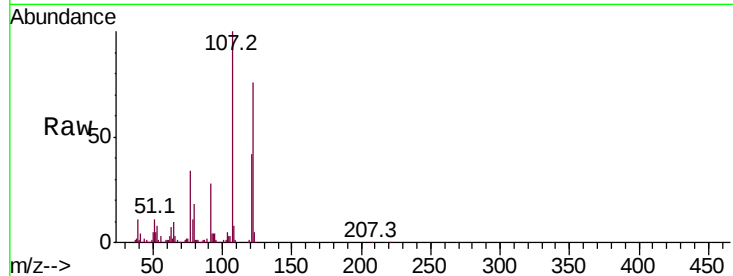
Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





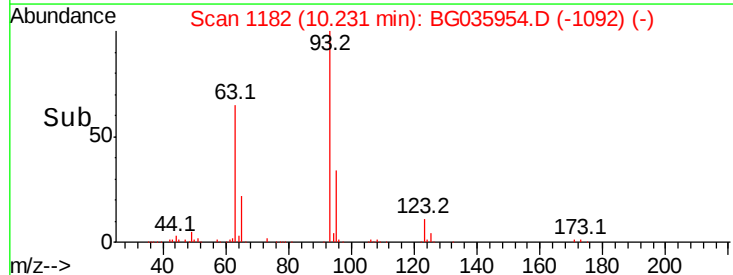
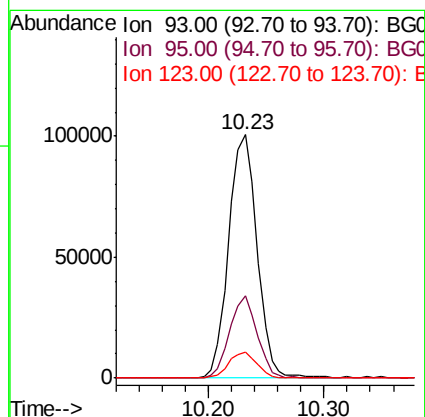
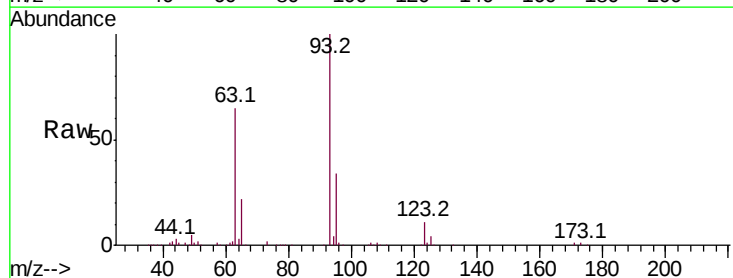
#27
2,4-Dimethylphenol
Concen: 59.400 ng
RT: 10.00 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BG035954.D
Acq: 28 Jul 2018 2:31

Tot Ion	Ratio	Lower	Upper
122	100		
107	131.6	100.2	150.2
121	55.8	44.4	66.6



#28
bis(2-Chloroethoxy)methane
Concen: 49.207 ng
RT: 10.23 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BG035954.D
Acq: 28 Jul 2018 2:31

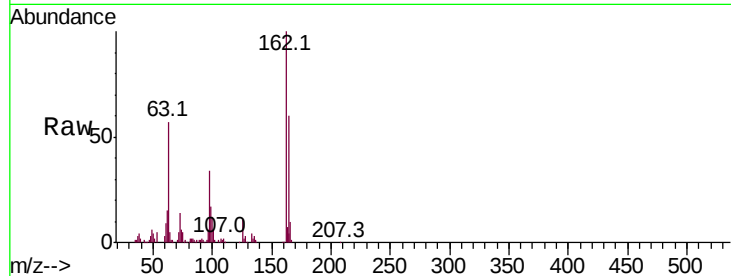
Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.0	24.3	36.5
123	10.7	8.4	12.6





#29
2,4-Dichlorophenol
Concen: 57.962 ng
RT: 10.48 min Scan# 1224
Delta R.T. -0.00 min
Lab File: BG035954.D
Acq: 28 Jul 2018 2:31

Tot Ion	Ratio	Lower	Upper
162	100		
164	60.3	48.0	88.0
98	34.0	21.1	61.1

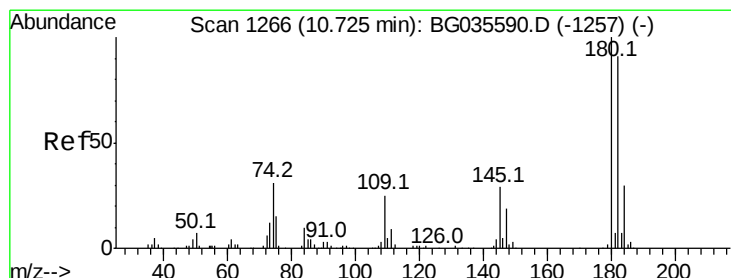
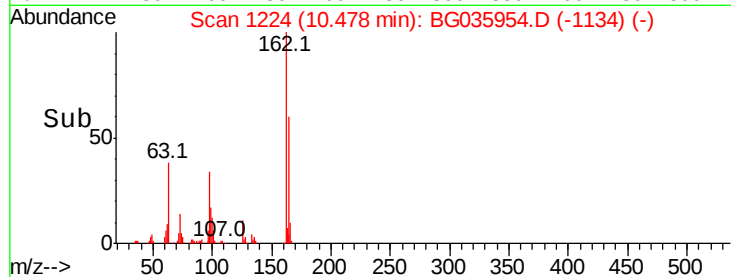
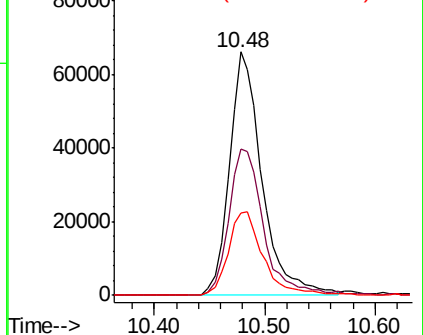


Abundance

Ion 162.00 (161.70 to 162.70): E

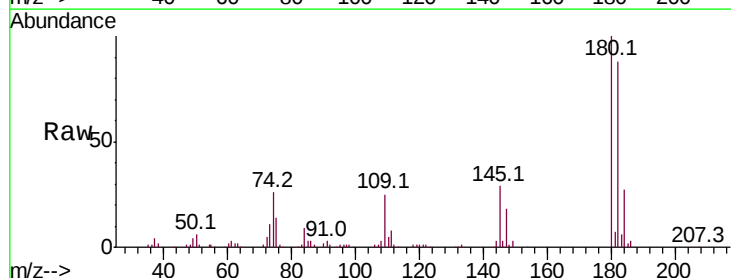
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
1,2,4-Trichlorobenzene
Concen: 50.589 ng
RT: 10.69 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BG035954.D
Acq: 28 Jul 2018 2:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	87.9	77.5	116.3
145	28.6	23.4	35.2

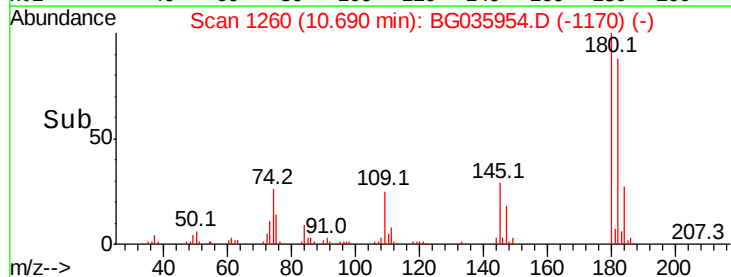
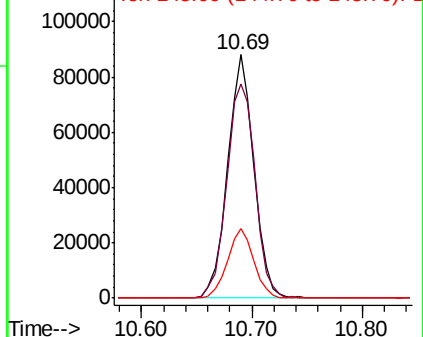


Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

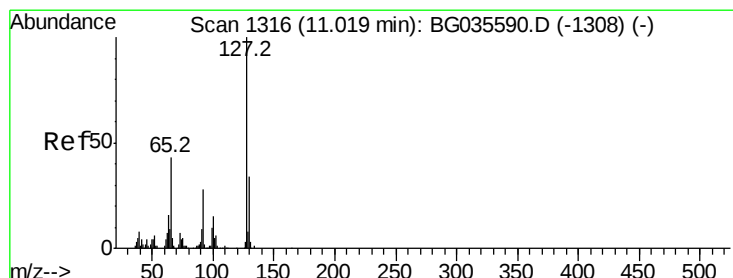
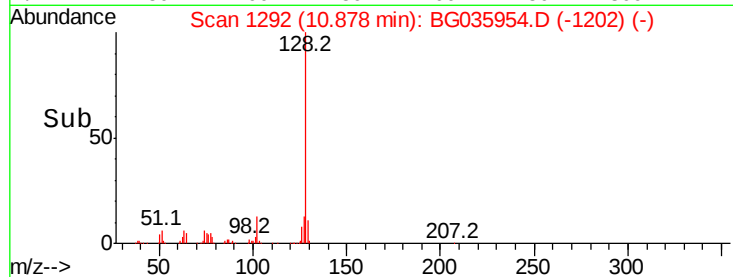
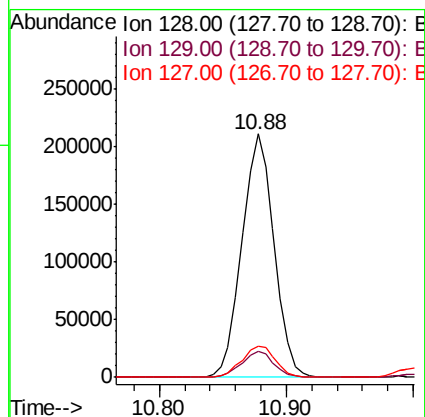
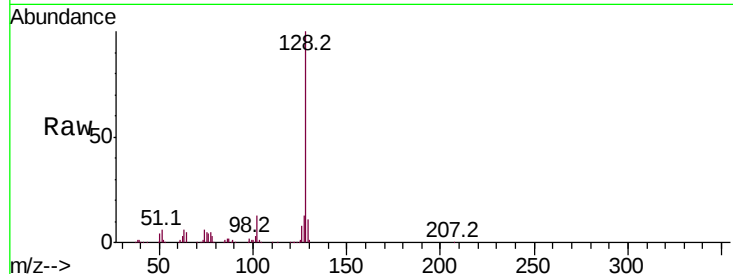
Ion 145.00 (144.70 to 145.70): E





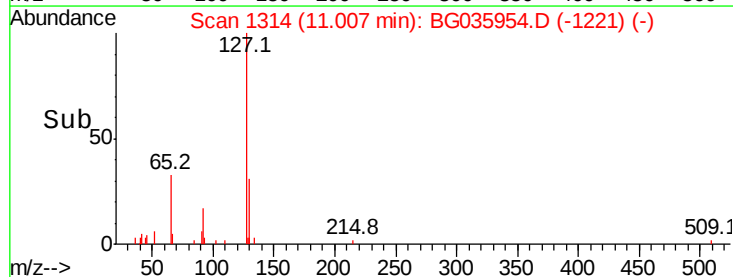
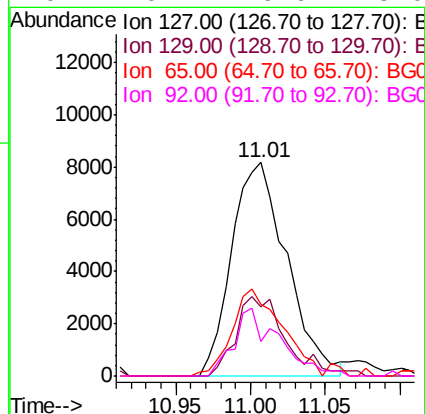
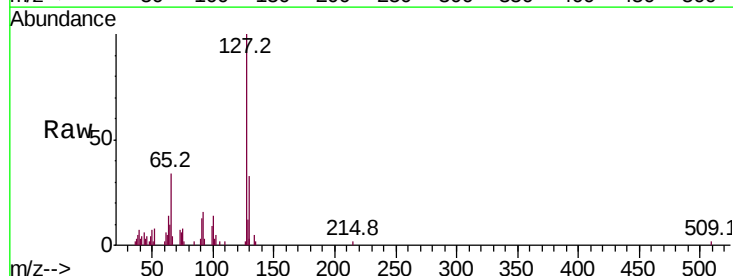
#31
Naphthalene
Concen: 49.803 ng
RT: 10.88 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BG035954.D
Acq: 28 Jul 2018 2:31

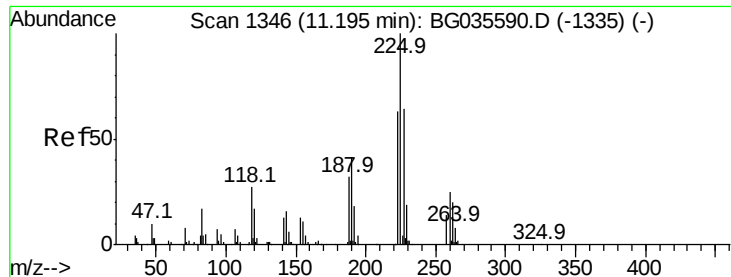
Tot Ion:128 Resp: 370373
Ion Ratio Lower Upper
128 100
129 10.5 8.6 12.8
127 12.9 11.6 17.4



#33
4-Chloroaniline
Concen: 6.460 ng
RT: 11.01 min Scan# 1314
Delta R.T. 0.02 min
Lab File: BG035954.D
Acq: 28 Jul 2018 2:31

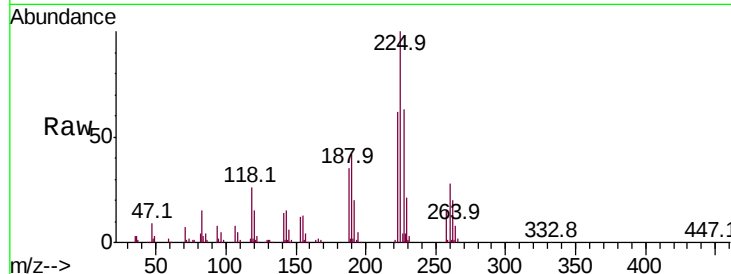
Tgt Ion:127 Resp: 20940
Ion Ratio Lower Upper
127 100
129 32.5 24.0 36.0
65 33.8 27.0 40.4
92 16.1 16.6 25.0#



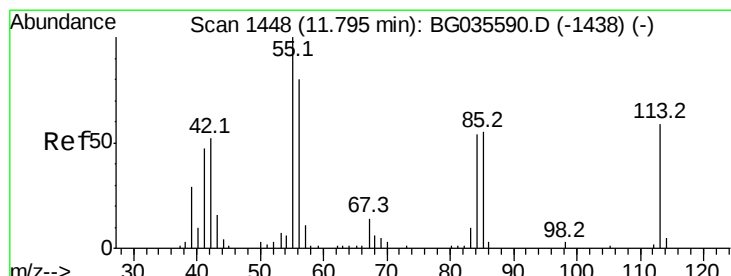
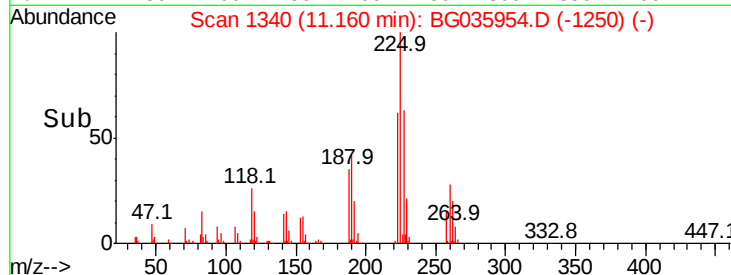
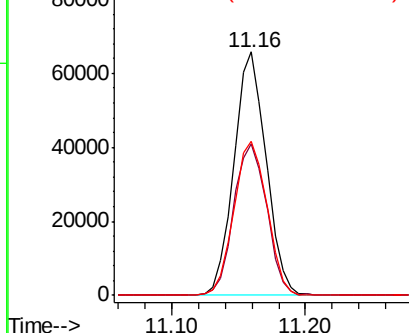


#34
Hexachlorobutadiene
Concen: 48.759 ng
RT: 11.16 min Scan# 1340
Delta R.T. -0.00 min
Lab File: BG035954.D
Acq: 28 Jul 2018 2:31

Tot Ion:225 Resp: 109964
Ion Ratio Lower Upper
225 100
223 62.2 49.7 74.5
227 63.2 48.1 72.1

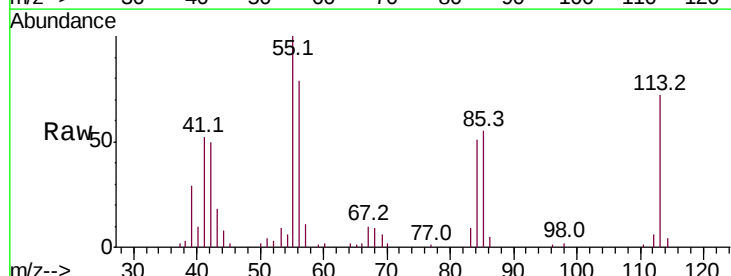


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

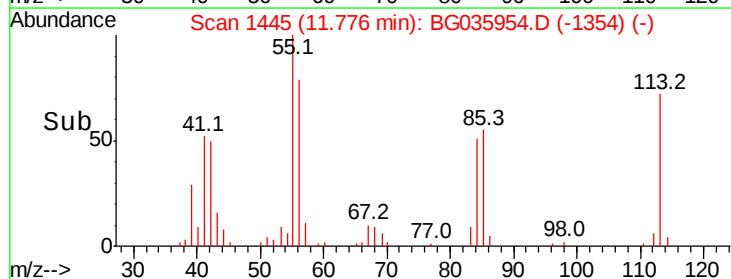
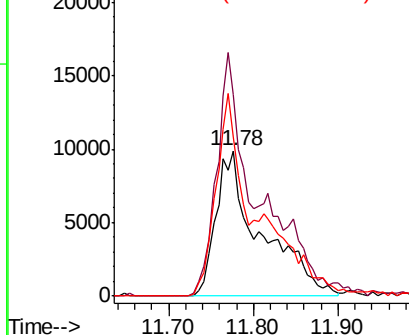


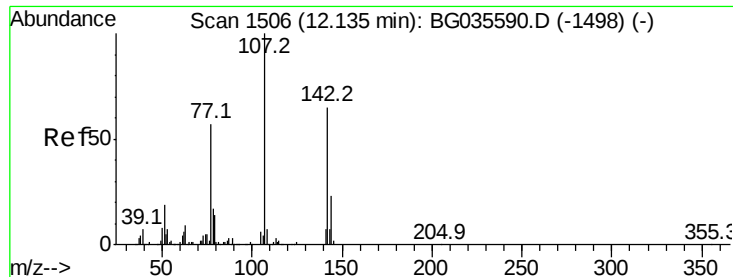
#35
Caprolactam
Concen: 35.911 ng
RT: 11.78 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BG035954.D
Acq: 28 Jul 2018 2:31

Tgt Ion:113 Resp: 36347
Ion Ratio Lower Upper
113 100
55 138.2 186.9 226.9#
56 109.2 130.9 170.9#



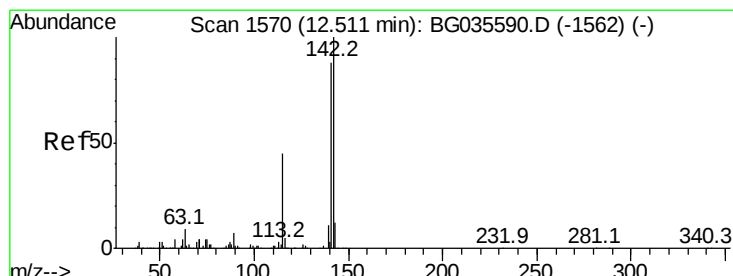
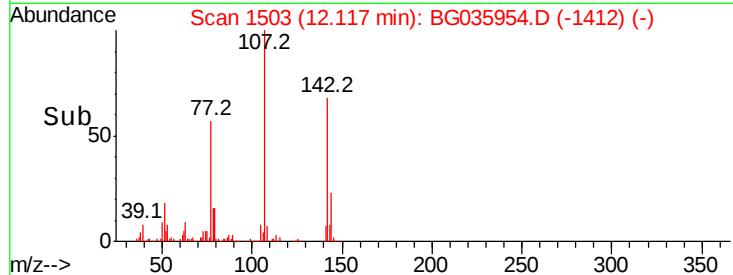
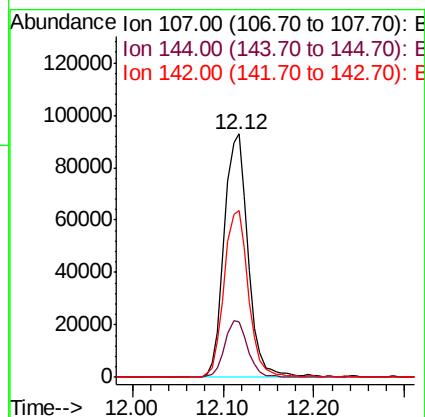
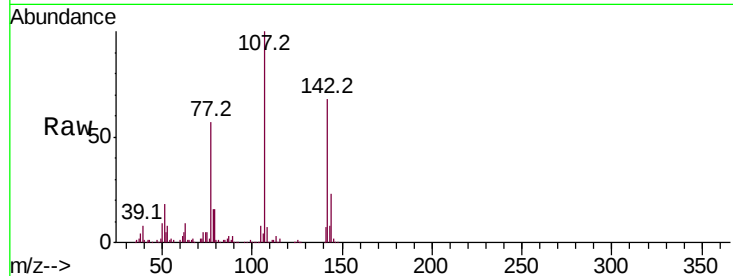
Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BG
Ion 56.00 (55.70 to 56.70): BG





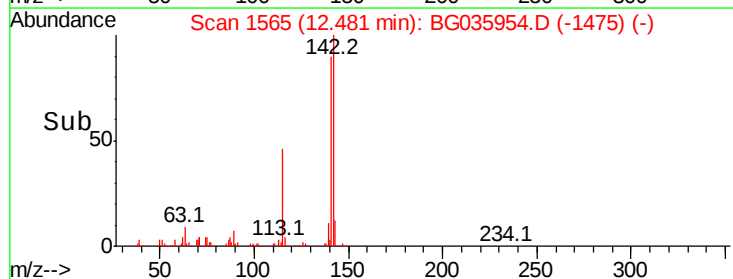
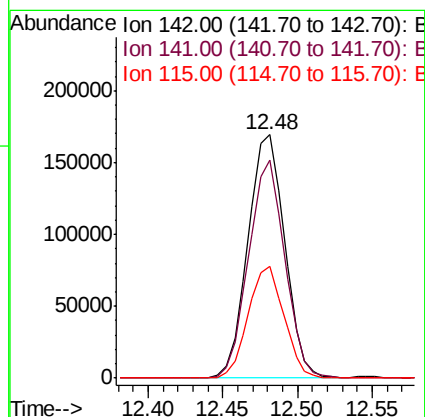
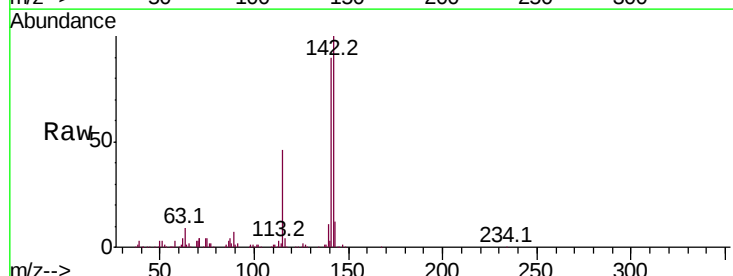
#36
 4-Chloro-3-methylphenol
 Concen: 53.840 ng
 RT: 12.12 min Scan# 1503
 Delta R.T. 0.00 min
 Lab File: BG035954.D
 Acq: 28 Jul 2018 2:31

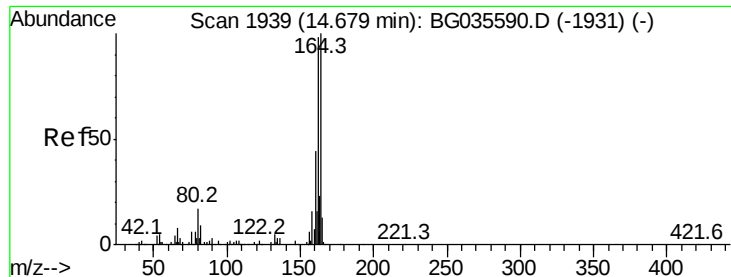
Tot Ion	Ratio	Lower	Upper
107	100		
144	22.9	18.2	27.4
142	68.5	59.0	88.4



#37
 2-Methylnaphthalene
 Concen: 52.205 ng
 RT: 12.48 min Scan# 1565
 Delta R.T. -0.00 min
 Lab File: BG035954.D
 Acq: 28 Jul 2018 2:31

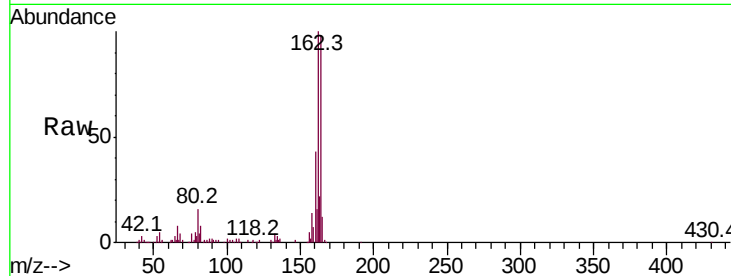
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.6	67.1	100.7
115	46.2	30.7	46.1#





#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BG035954.D
Acq: 28 Jul 2018 2:31

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.8	78.8	118.2
160	43.8	35.4	53.0

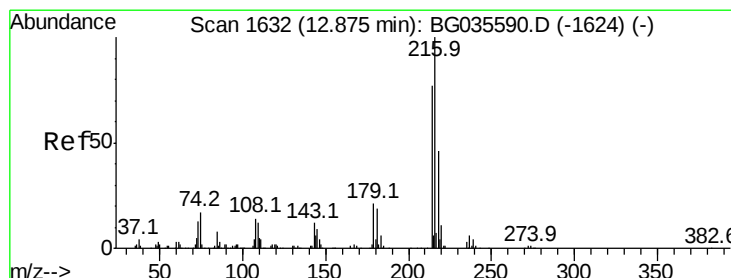
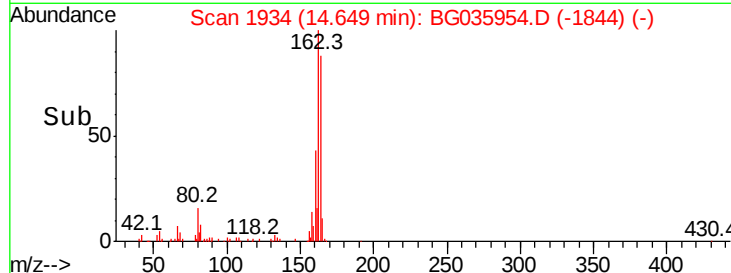
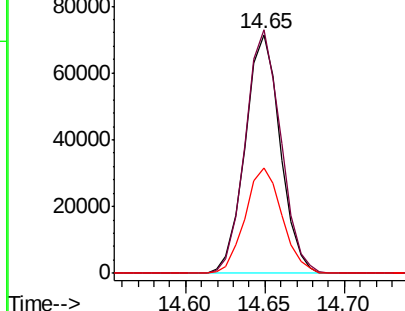


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39
1,2,4,5-Tetrachlorobenzene
Concen: 46.789 ng
RT: 12.85 min Scan# 1627
Delta R.T. -0.00 min
Lab File: BG035954.D
Acq: 28 Jul 2018 2:31

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.0	94.4
179	20.2	17.0	25.6
108	17.1	12.8	19.2

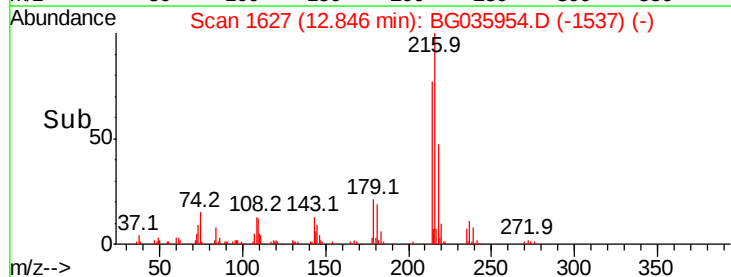
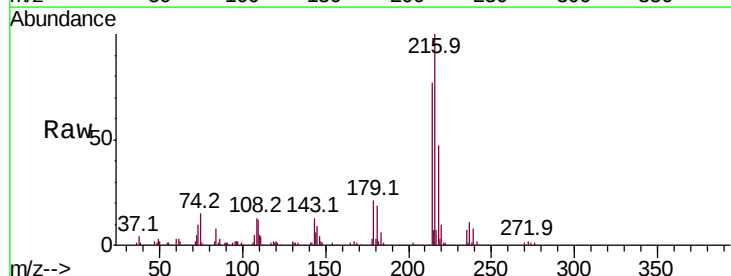
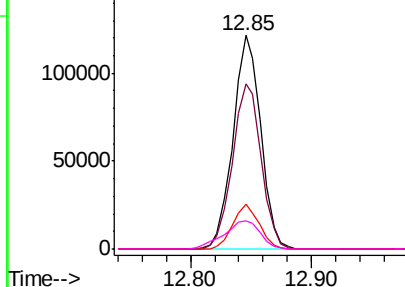
Abundance

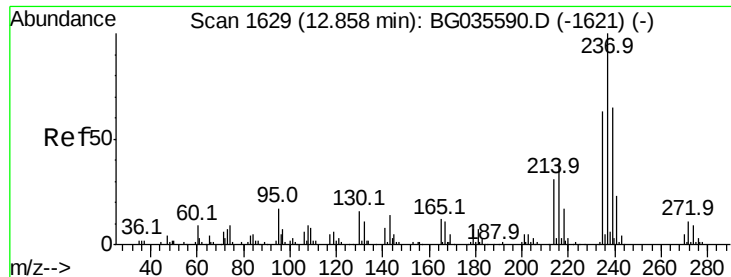
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

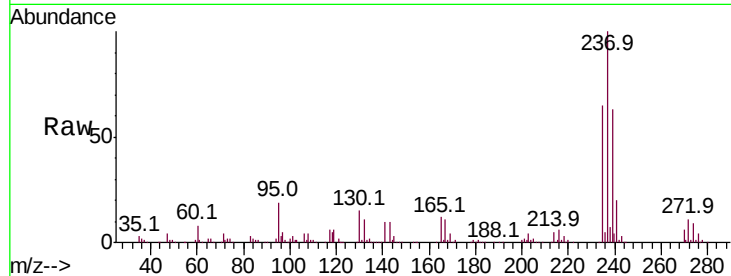
Ion 108.00 (107.70 to 108.70): E



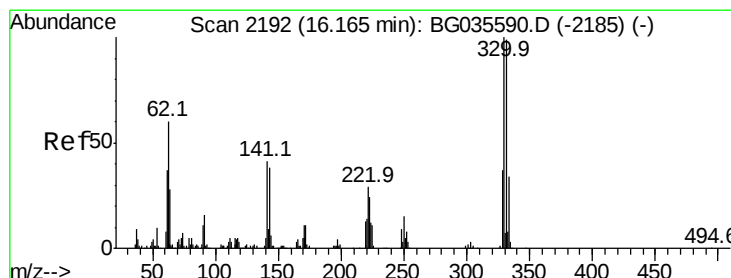
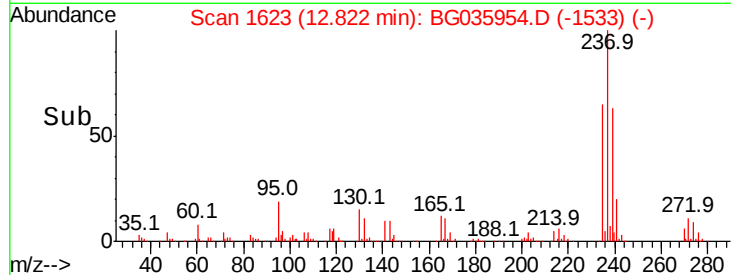
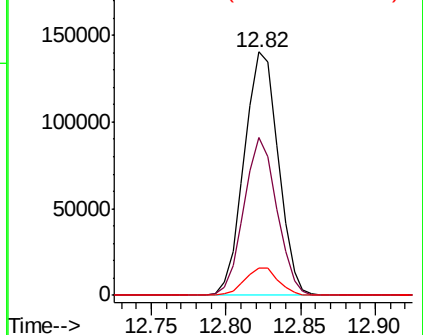


#40
Hexachlorocyclopentadiene
Concen: 102.018 ng
RT: 12.82 min Scan# 1623
Delta R.T. -0.00 min
Lab File: BG035954.D
Acq: 28 Jul 2018 2:31

Tot Ion	Ratio	Lower	Upper
237	100		
235	64.6	50.4	90.4
272	11.2	0.0	31.8

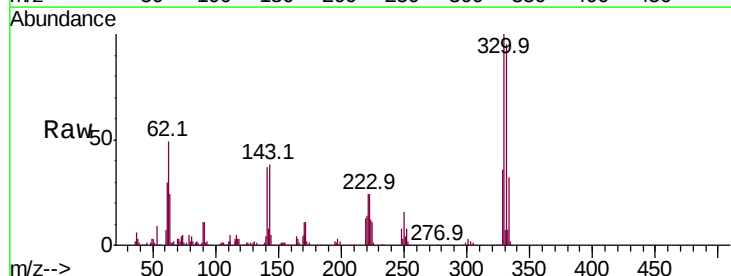


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

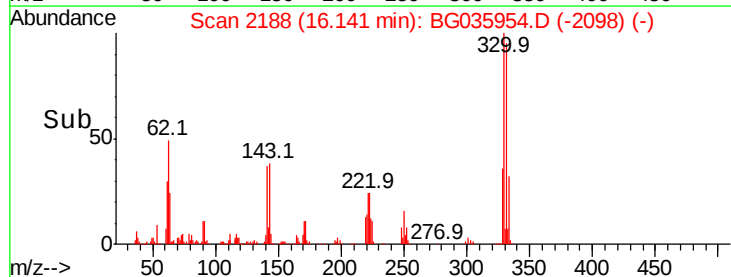
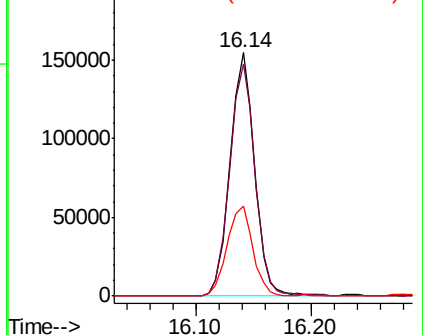


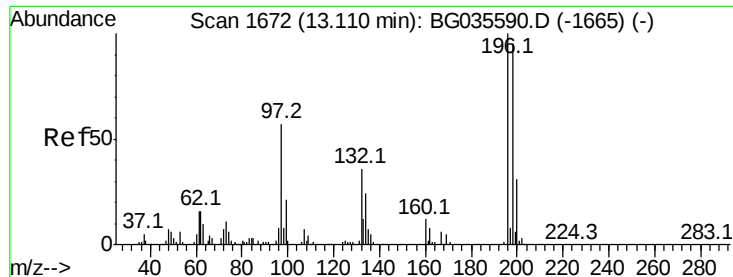
#41
2,4,6-Tribromophenol
Concen: 157.681 ng
RT: 16.14 min Scan# 2188
Delta R.T. -0.00 min
Lab File: BG035954.D
Acq: 28 Jul 2018 2:31

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	38.8	25.2	37.8



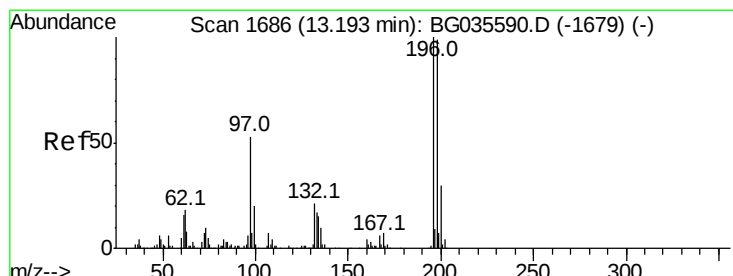
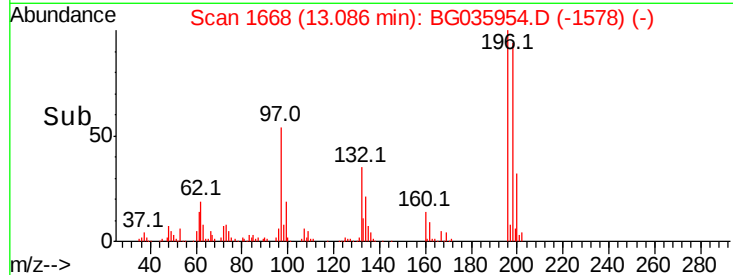
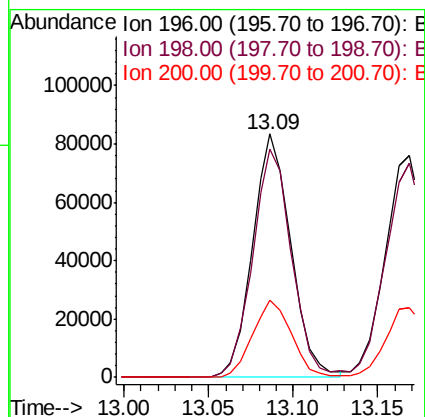
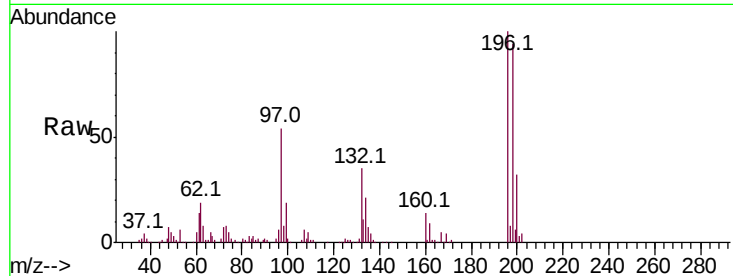
Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





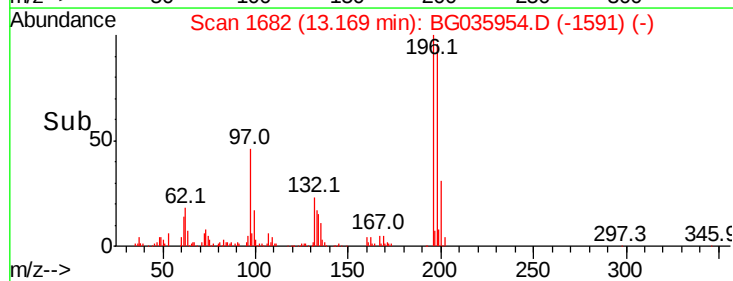
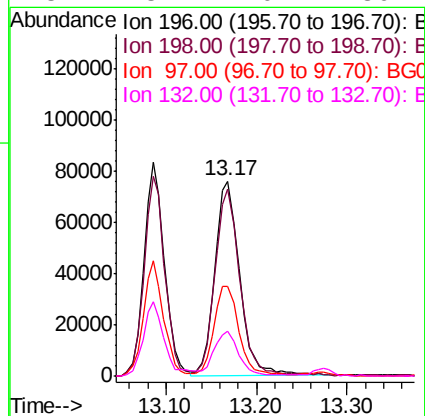
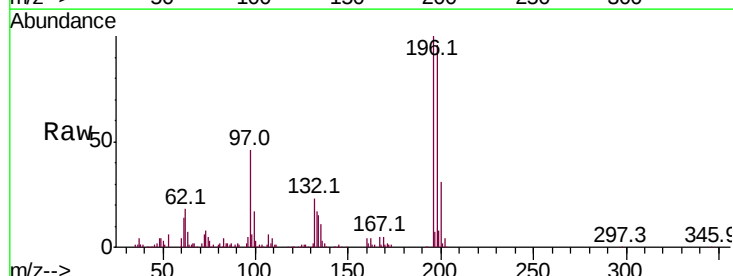
#42
2,4,6-Trichlorophenol
Concen: 54.219 ng
RT: 13.09 min Scan# 1668
Delta R.T. -0.00 min
Lab File: BG035954.D
Acq: 28 Jul 2018 2:31

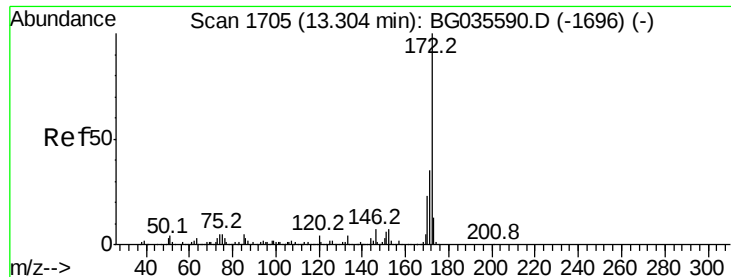
Tot Ion:196 Resp: 131524
Ion Ratio Lower Upper
196 100
198 93.7 78.2 117.2
200 31.6 24.6 36.8



#43
2,4,5-Trichlorophenol
Concen: 53.141 ng
RT: 13.17 min Scan# 1682
Delta R.T. 0.00 min
Lab File: BG035954.D
Acq: 28 Jul 2018 2:31

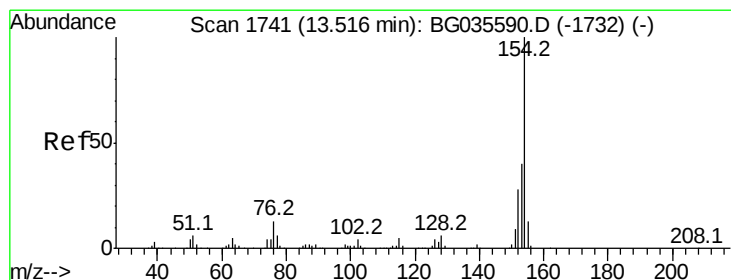
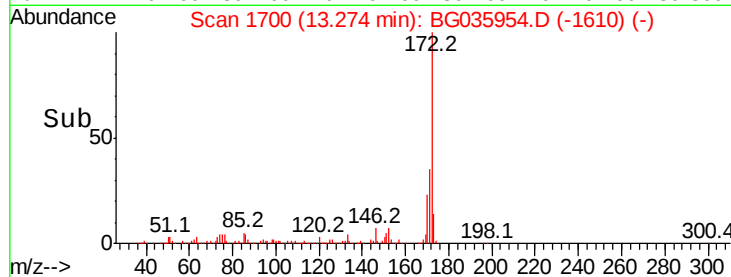
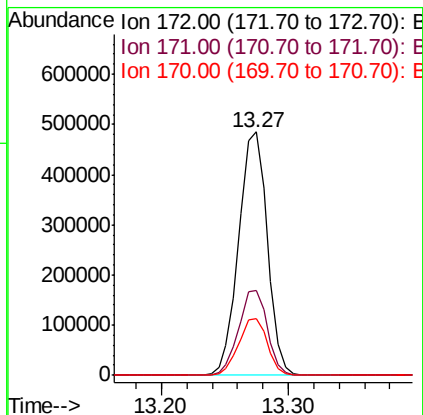
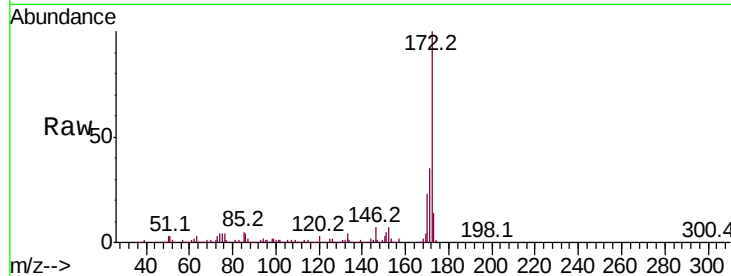
Tgt Ion:196 Resp: 144209
Ion Ratio Lower Upper
196 100
198 96.3 76.2 114.4
97 46.0 38.7 58.1
132 23.1 20.2 30.2





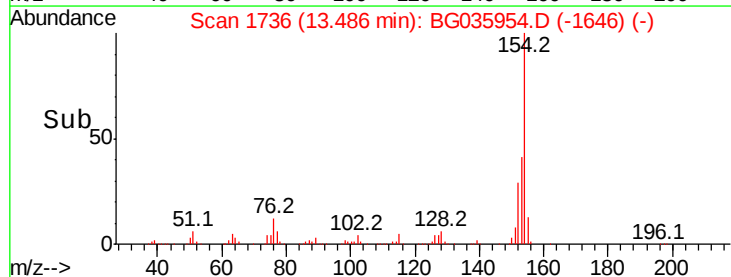
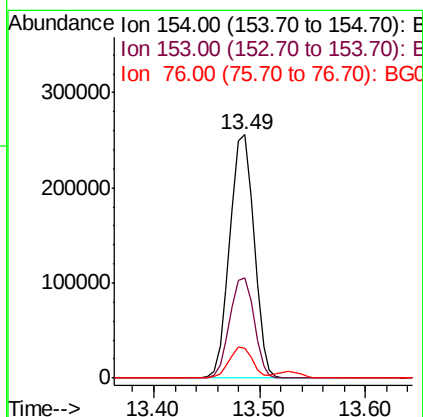
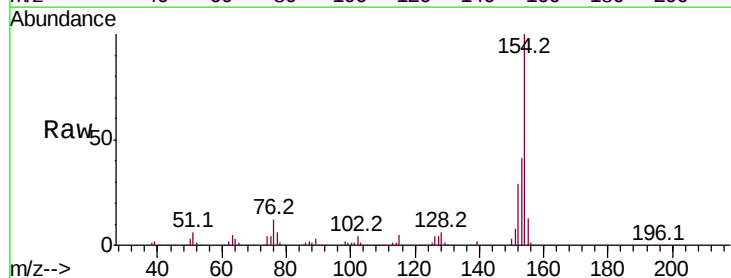
#44
2-Fluorobiphenyl
Concen: 92.669 ng
RT: 13.27 min Scan# 1700
Delta R.T. -0.00 min
Lab File: BG035954.D
Acq: 28 Jul 2018 2:31

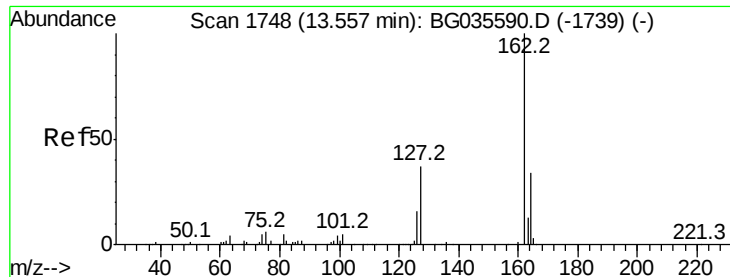
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	30.0	45.0
170	23.3	19.5	29.3



#45
1,1'-Biphenyl
Concen: 47.686 ng
RT: 13.49 min Scan# 1736
Delta R.T. -0.00 min
Lab File: BG035954.D
Acq: 28 Jul 2018 2:31

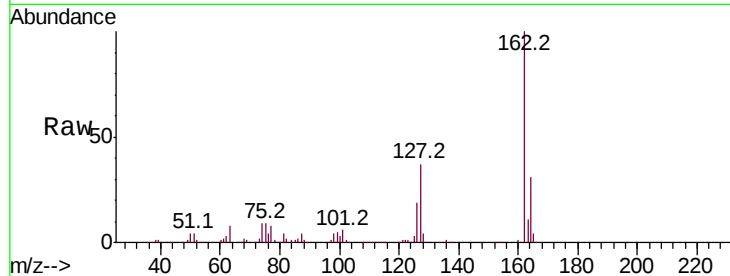
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	19.8	59.8
76	12.3	0.0	31.9



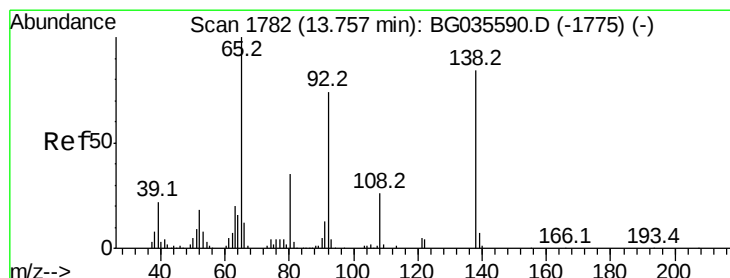
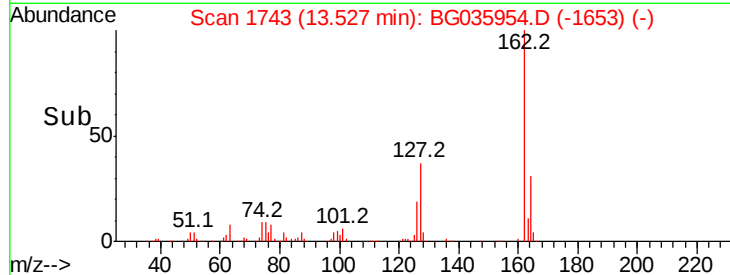
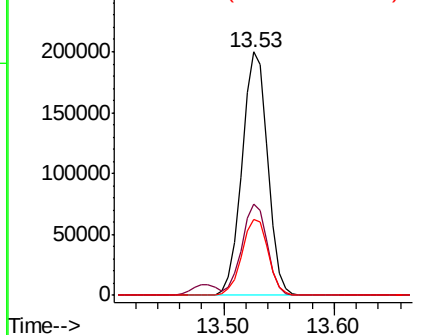


#46
 2-Chloronaphthalene
 Concen: 49.170 ng
 RT: 13.53 min Scan# 1743
 Delta R.T. -0.00 min
 Lab File: BG035954.D
 Acq: 28 Jul 2018 2:31

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.3	30.7	46.1
164	31.2	26.0	39.0

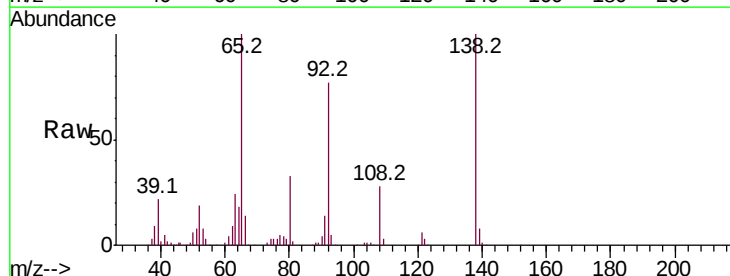


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

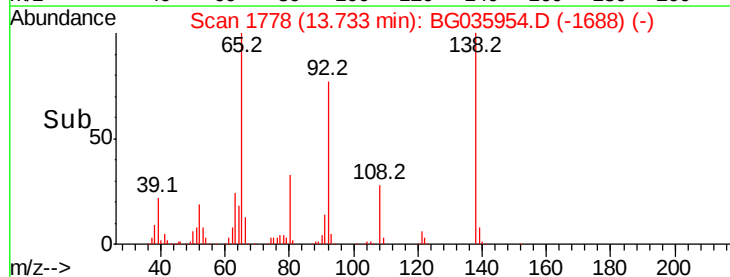
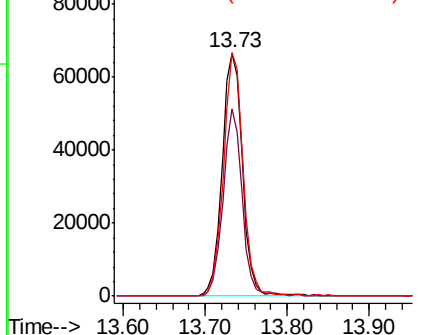


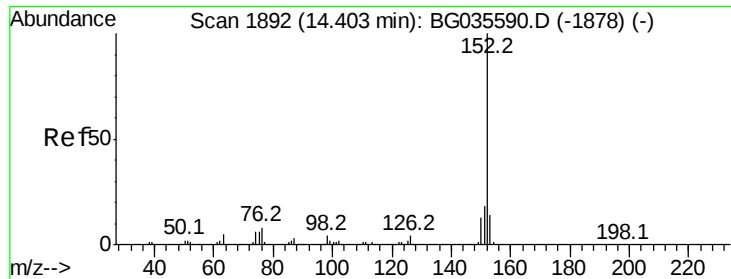
#47
 2-Nitroaniline
 Concen: 49.075 ng
 RT: 13.73 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: BG035954.D
 Acq: 28 Jul 2018 2:31

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.9	54.6	82.0
138	100.3	72.9	109.3



Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 48.767 ng

RT: 14.37 min Scan# 1887

Delta R.T. -0.00 min

Lab File: BG035954.D

Acq: 28 Jul 2018 2:31

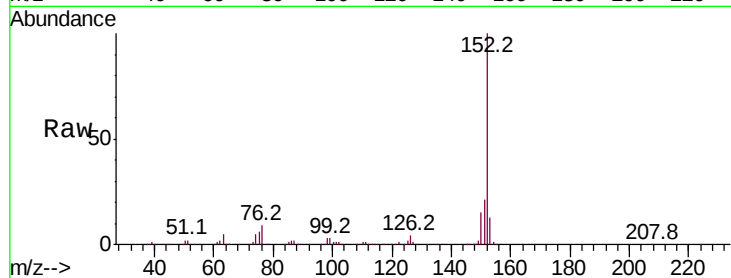
Tot Ion:152 Resp: 541413

Ion Ratio Lower Upper

152 100

151 20.9 17.2 25.8

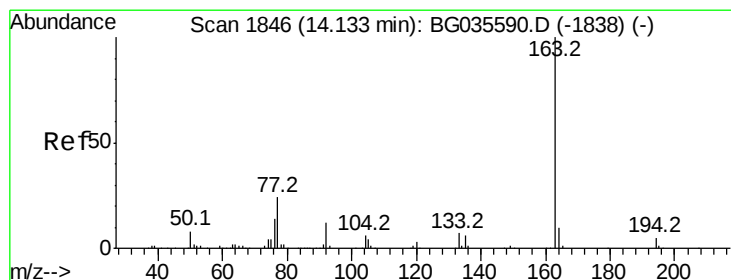
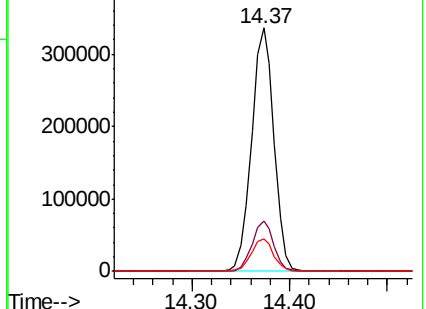
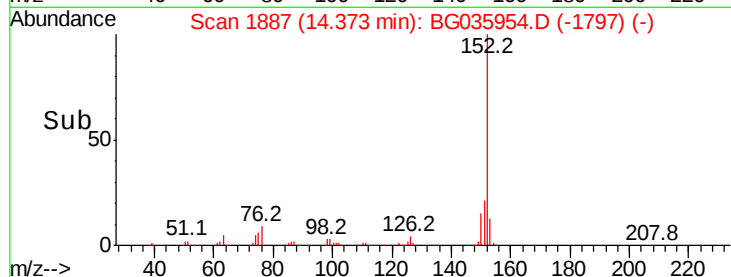
153 13.3 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 48.033 ng

RT: 14.10 min Scan# 1841

Delta R.T. -0.00 min

Lab File: BG035954.D

Acq: 28 Jul 2018 2:31

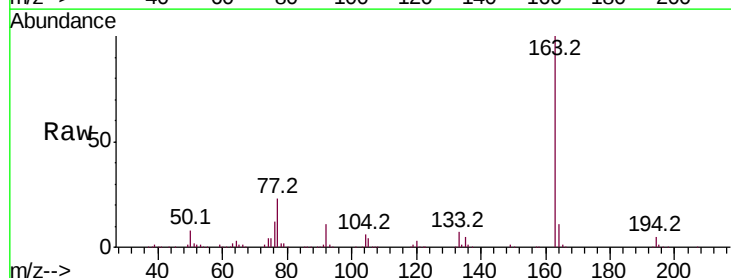
Tgt Ion:163 Resp: 462506

Ion Ratio Lower Upper

163 100

194 5.0 3.4 5.2

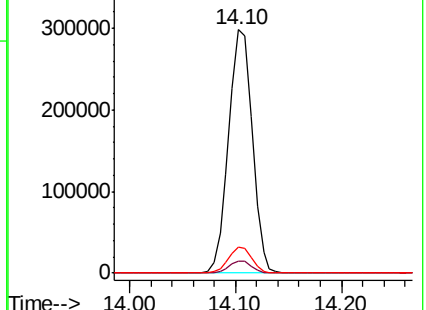
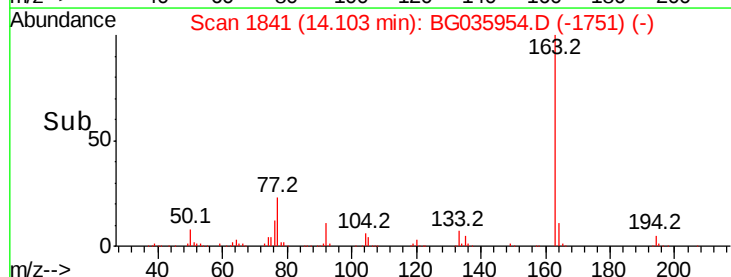
164 10.9 8.2 12.4

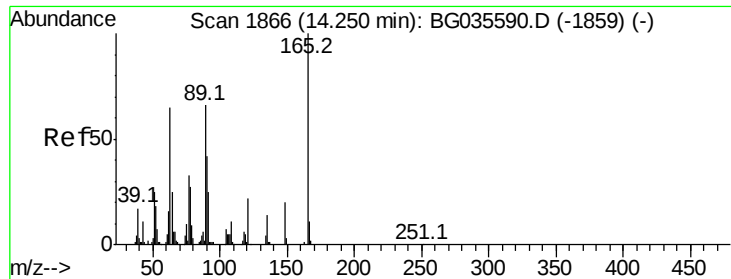


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

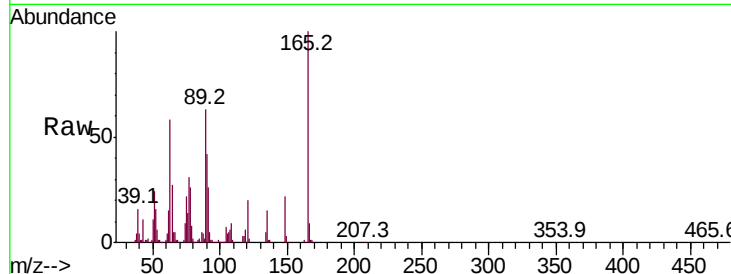
Ion 164.00 (163.70 to 164.70): E





#50
2,6-Dinitrotoluene
Concen: 54.199 ng
RT: 14.23 min Scan# 1862
Delta R.T. -0.00 min
Lab File: BG035954.D
Acq: 28 Jul 2018 2:31

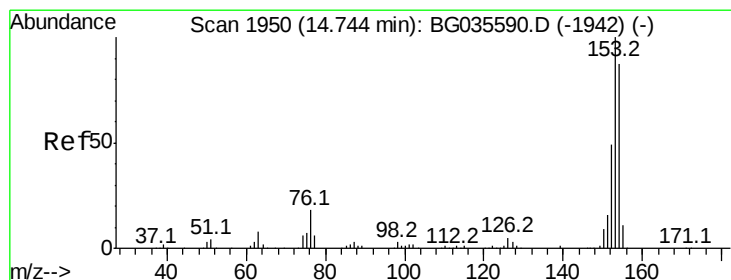
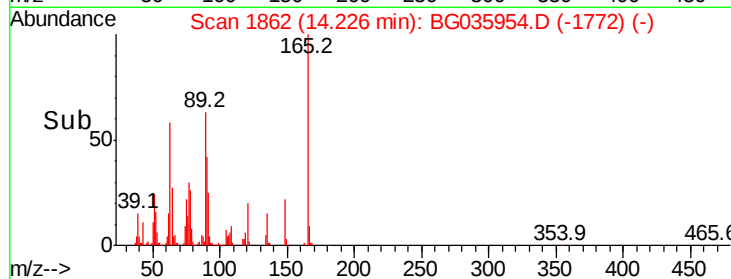
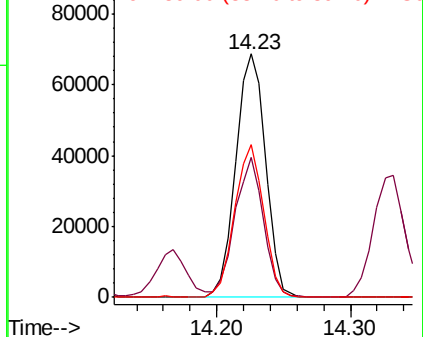
Tot Ion	Ratio	Lower	Upper
165	100		
63	57.7	52.7	79.1
89	62.6	49.2	73.8



Abundance Ion 165.00 (164.70 to 165.70): E

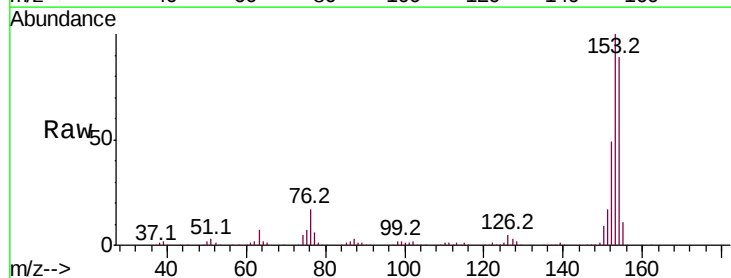
Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#51
Acenaphthene
Concen: 46.158 ng
RT: 14.71 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG035954.D
Acq: 28 Jul 2018 2:31

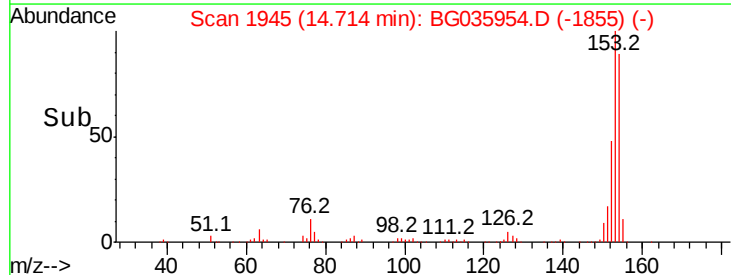
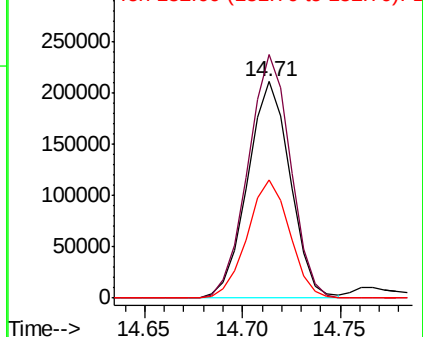
Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.7	90.4	135.6
152	54.9	41.6	62.4

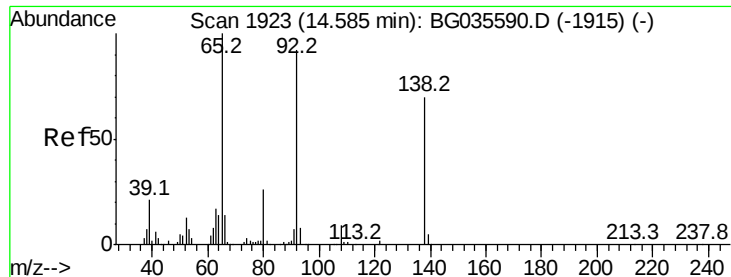


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

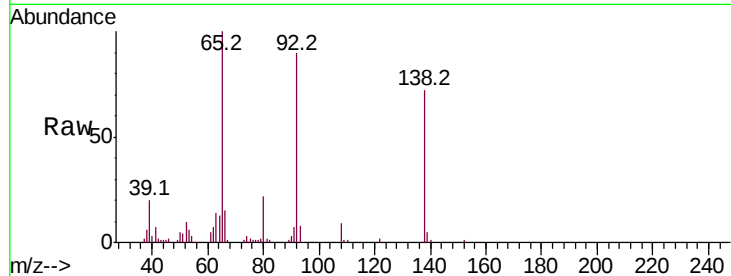
Ion 152.00 (151.70 to 152.70): E



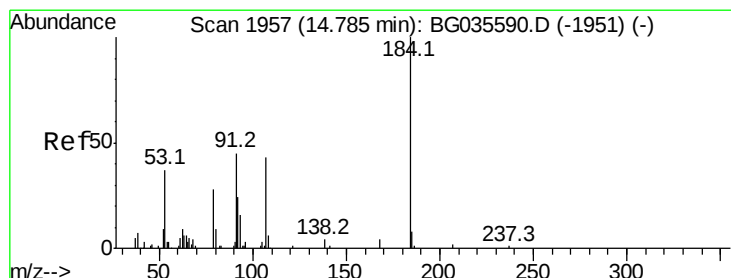
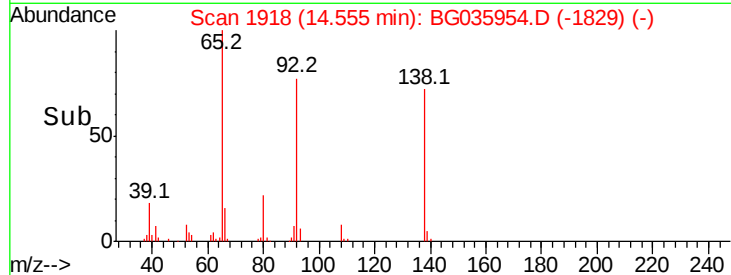
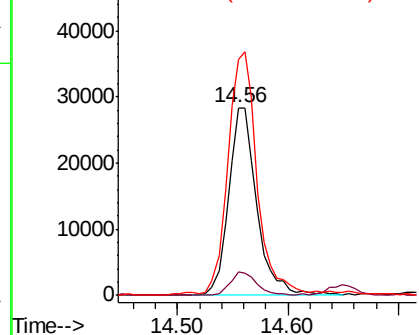


#52
3-Nitroaniline
Concen: 25.352 ng
RT: 14.56 min Scan# 1918
Delta R.T. -0.01 min
Lab File: BG035954.D
Acq: 28 Jul 2018 2:31

Tot Ion:138 Resp: 50807
Ion Ratio Lower Upper
138 100
108 12.7 17.5 26.3#
92 125.9 105.8 158.8

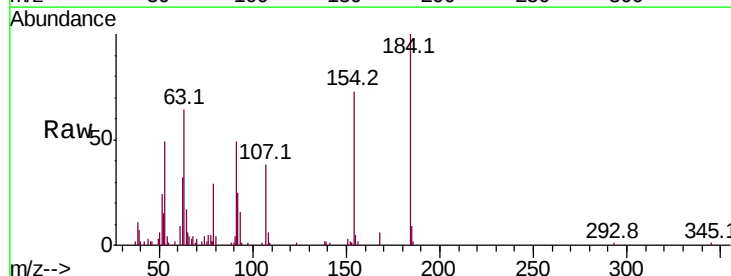


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

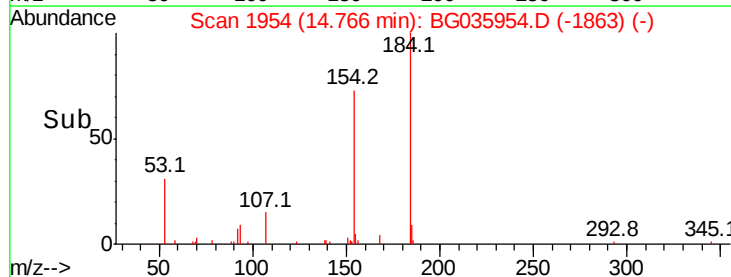
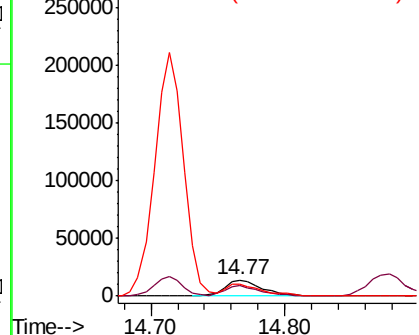


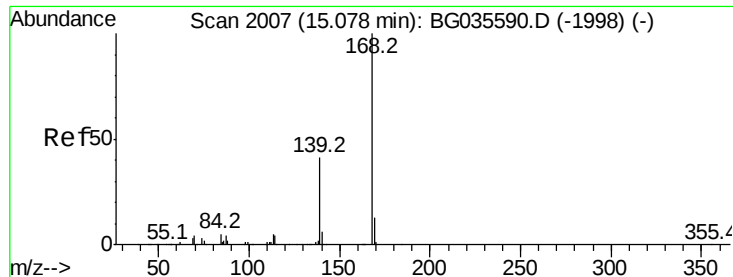
#53
2,4-Dinitrophenol
Concen: 31.874 ng
RT: 14.77 min Scan# 1954
Delta R.T. 0.00 min
Lab File: BG035954.D
Acq: 28 Jul 2018 2:31

Tgt Ion:184 Resp: 27789
Ion Ratio Lower Upper
184 100
63 64.3 59.8 89.8
154 73.0 101.8 152.8#



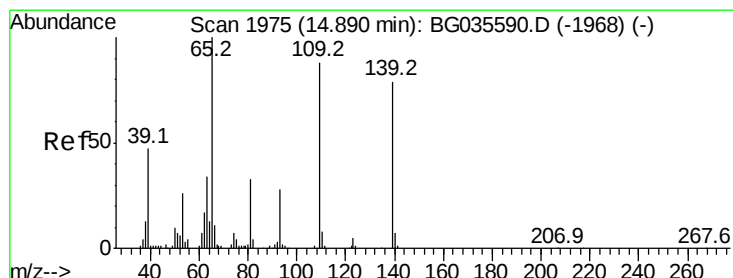
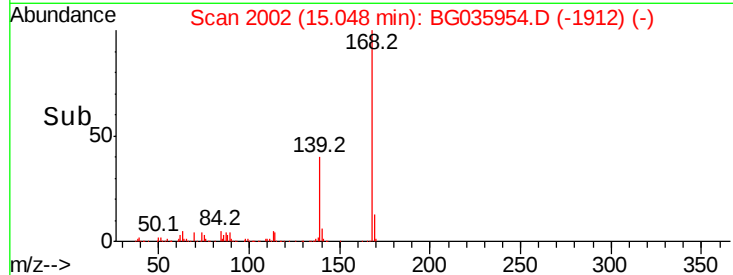
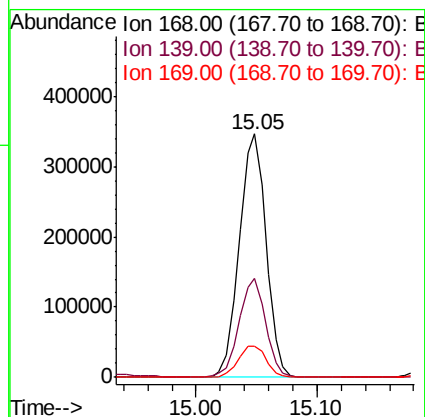
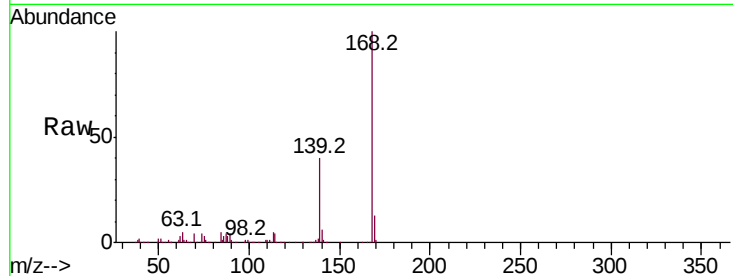
Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E





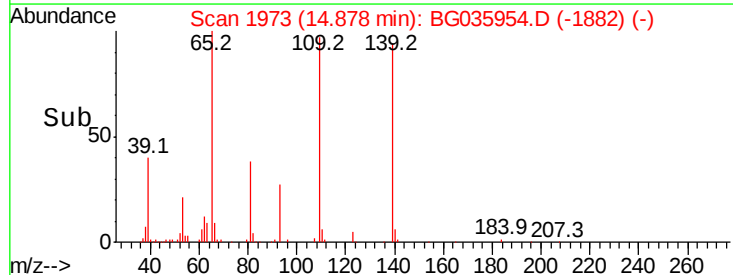
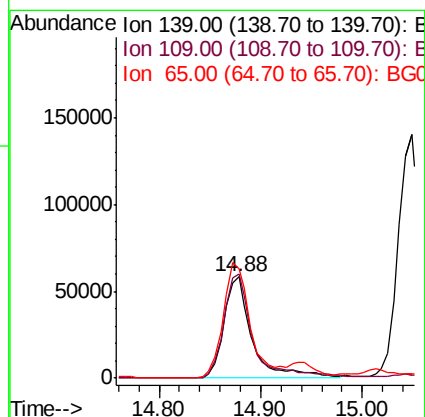
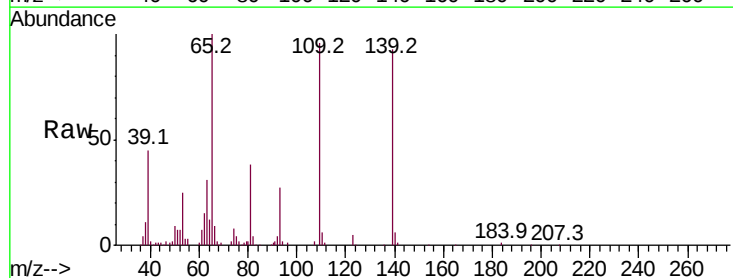
#54
Dibenzofuran
Concen: 48.768 ng
RT: 15.05 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BG035954.D
Acq: 28 Jul 2018 2:31

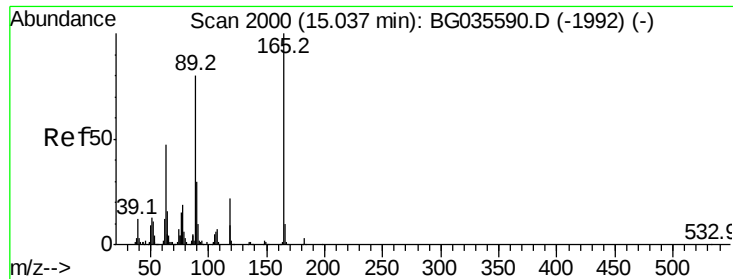
Tot Ion:168	Resp:	536393
Ion Ratio	Lower	Upper
168	100	
139	40.5	28.6 43.0
169	12.8	11.2 16.8



#55
4-Nitrophenol
Concen: 79.037 ng
RT: 14.88 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BG035954.D
Acq: 28 Jul 2018 2:31

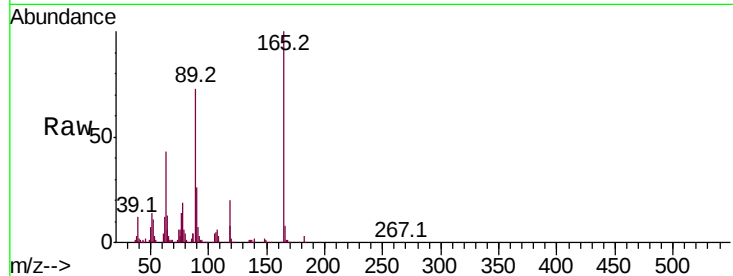
Tgt Ion:139	Resp:	112805
Ion Ratio	Lower	Upper
139	100	
109	103.4	62.2 102.2#
65	107.8	97.2 137.2





#56
2,4-Dinitrotoluene
Concen: 55.385 ng
RT: 15.01 min Scan# 1996
Delta R.T. -0.00 min
Lab File: BG035954.D
Acq: 28 Jul 2018 2:31

Tot Ion:	165	Resp:	155800
Ion	Ratio	Lower	Upper
165	100		
63	42.5	42.0	63.0
89	72.8	66.9	100.3
182	3.1	2.6	3.8

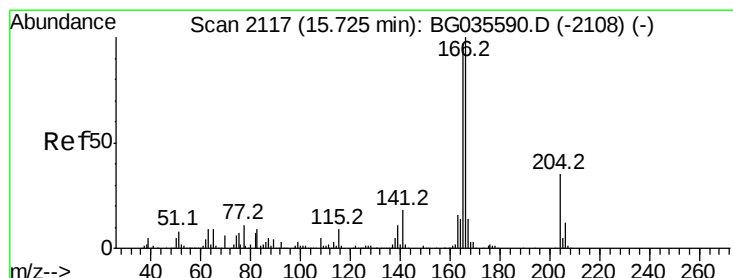
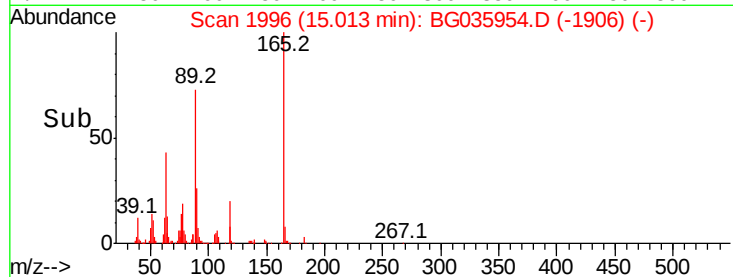
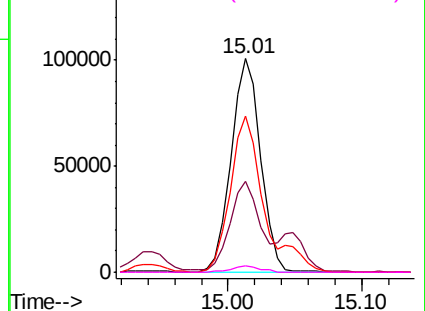


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

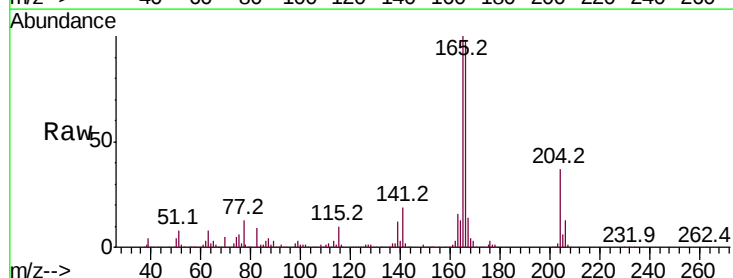
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 48.214 ng
RT: 15.69 min Scan# 2112
Delta R.T. -0.00 min
Lab File: BG035954.D
Acq: 28 Jul 2018 2:31

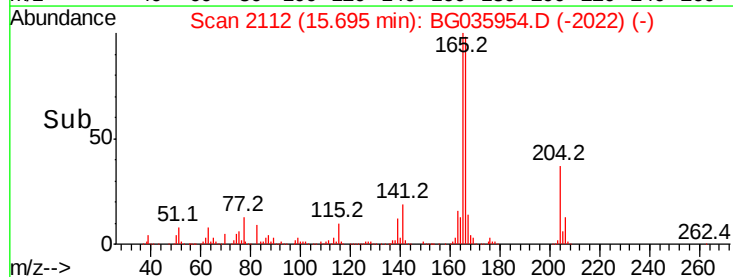
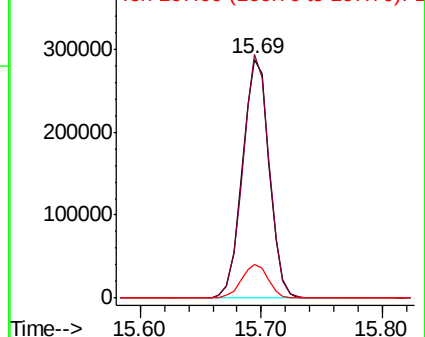
Tgt Ion:	166	Resp:	444466
Ion	Ratio	Lower	Upper
166	100		
165	101.9	80.6	121.0
167	14.0	10.4	15.6

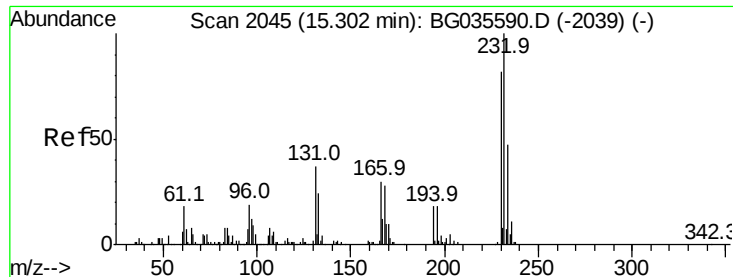


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

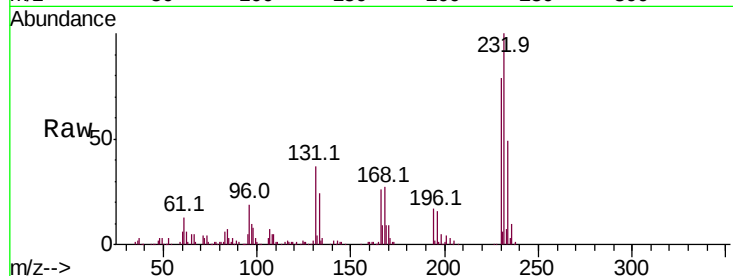
Ion 167.00 (166.70 to 167.70): E



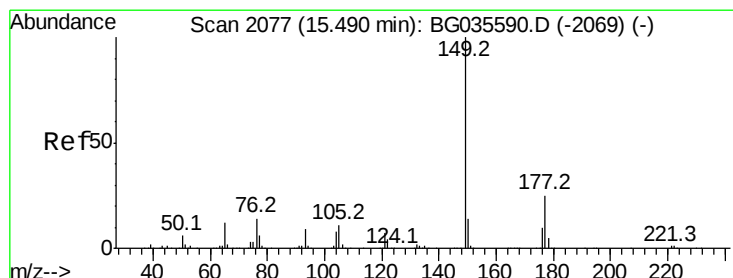
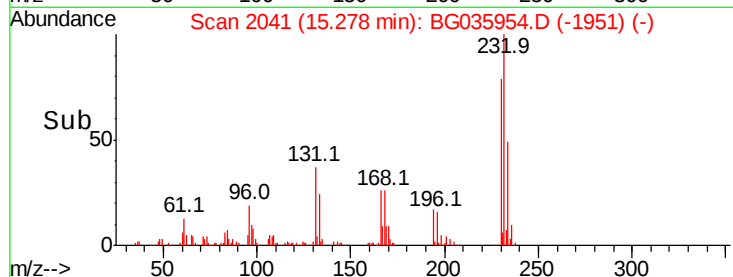
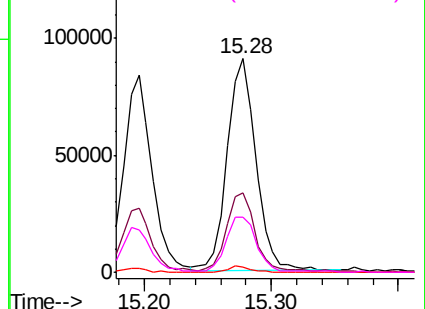


#58
2,3,4,6-Tetrachlorophenol
Concen: 54.745 ng
RT: 15.28 min Scan# 2041
Delta R.T. -0.00 min
Lab File: BG035954.D
Acq: 28 Jul 2018 2:31

Tot Ion:232	Resp:	142442
Ion Ratio	Lower	Upper
232	100	
131	36.2	33.5 50.3
130	2.3	2.2 3.2
166	28.8	24.8 37.2

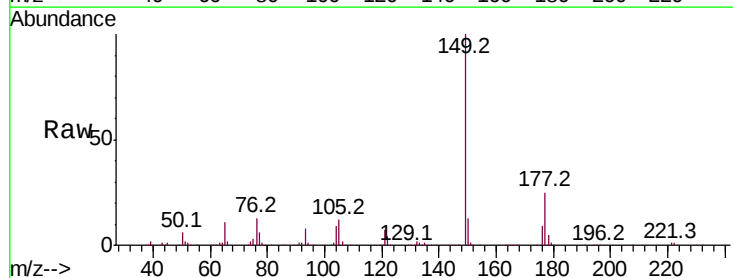


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

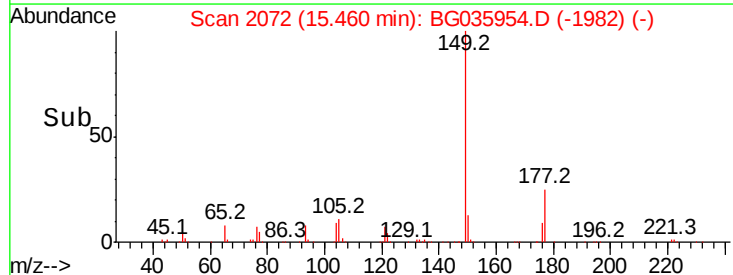
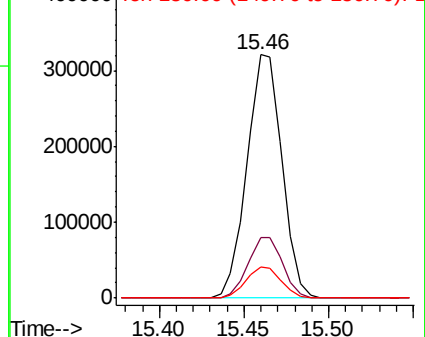


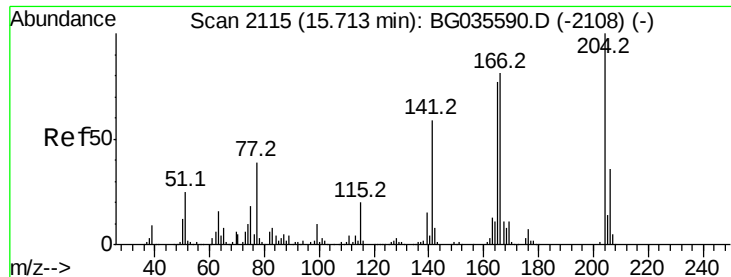
#59
Diethylphthalate
Concen: 46.661 ng
RT: 15.46 min Scan# 2072
Delta R.T. -0.00 min
Lab File: BG035954.D
Acq: 28 Jul 2018 2:31

Tgt Ion:149	Resp:	461997
Ion Ratio	Lower	Upper
149	100	
177	24.9	18.5 27.7
150	12.7	10.2 15.2



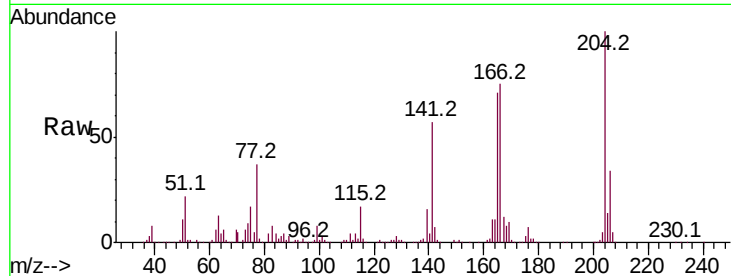
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



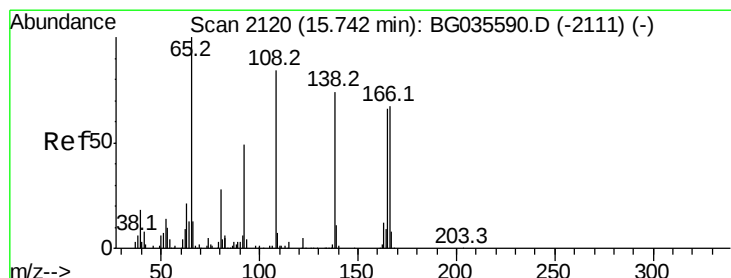
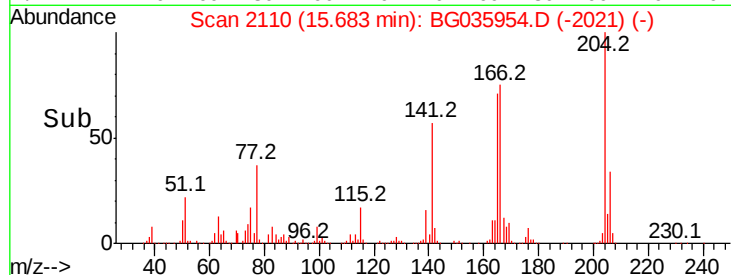
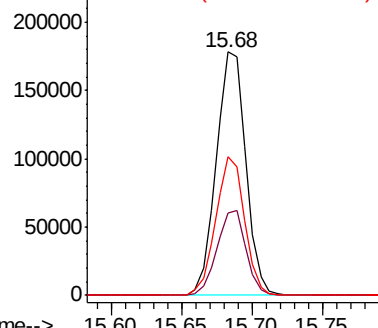


#60
4-Chlorophenyl-phenylether
Concen: 48.250 ng
RT: 15.68 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BG035954.D
Acq: 28 Jul 2018 2:31

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.9	26.2	39.2
141	56.8	45.8	68.6

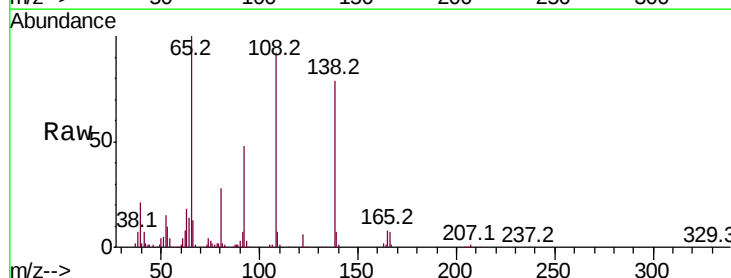


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

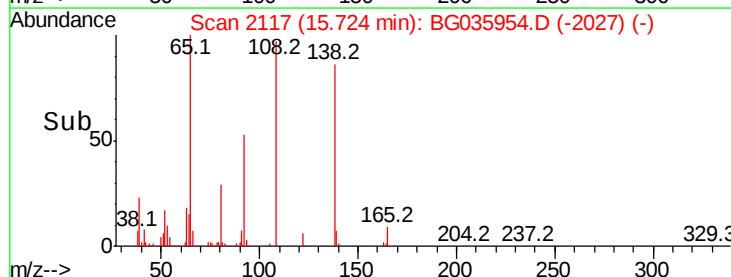
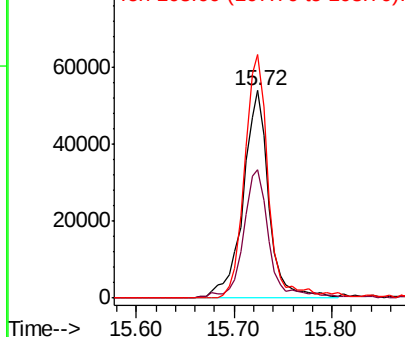


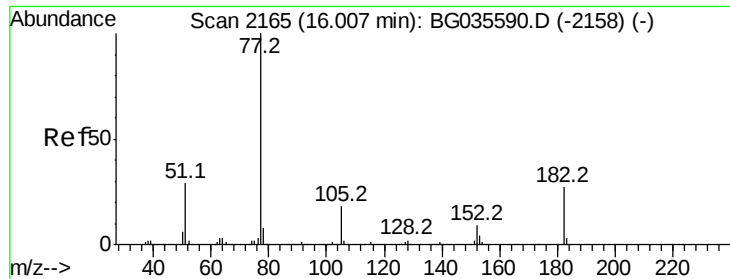
#61
4-Nitroaniline
Concen: 47.258 ng
RT: 15.72 min Scan# 2117
Delta R.T. -0.00 min
Lab File: BG035954.D
Acq: 28 Jul 2018 2:31

Tgt Ion	Ratio	Lower	Upper
138	100		
92	61.6	40.1	80.1
108	117.2	65.4	105.4



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 47.769 ng

RT: 15.98 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BG035954.D

Acq: 28 Jul 2018 2:31

Tot Ion: 77 Resp: 466525

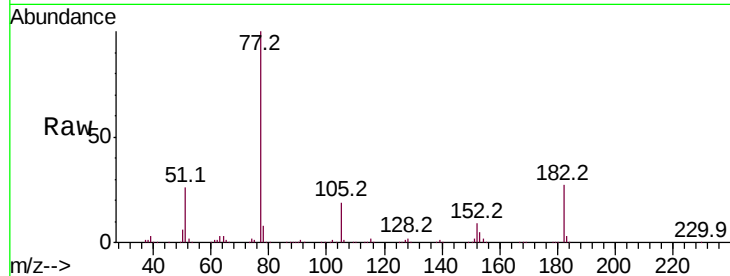
Ion Ratio Lower Upper

77 100

182 26.7 7.4 47.4

105 18.5 0.3 40.3

51 25.7 11.6 51.6

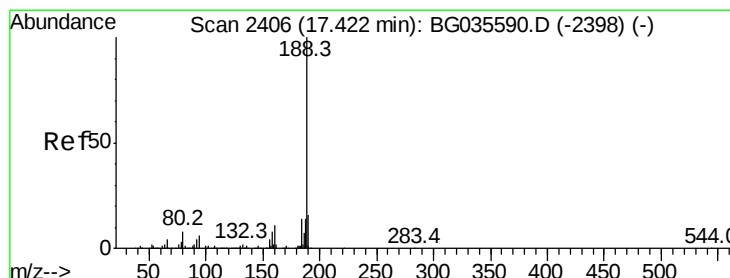
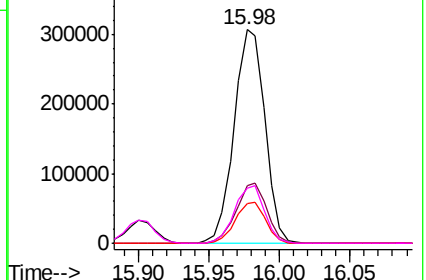
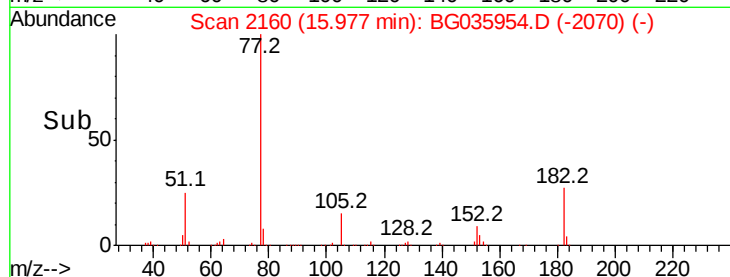


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BG035954.D

Acq: 28 Jul 2018 2:31

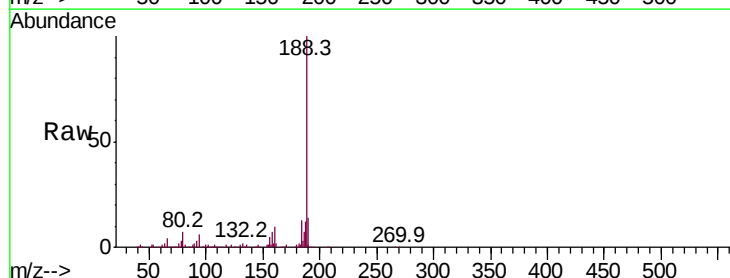
Tgt Ion: 188 Resp: 298009

Ion Ratio Lower Upper

188 100

94 6.3 6.9 10.3#

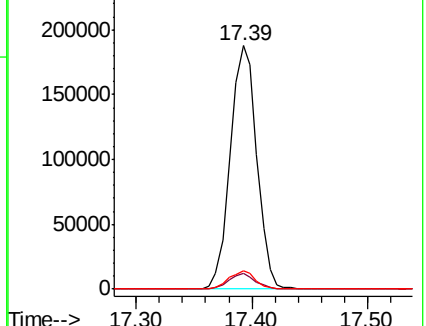
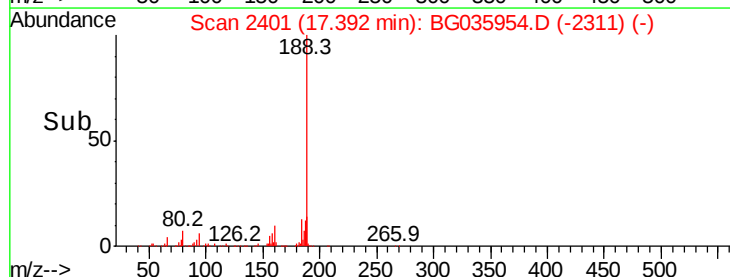
80 7.5 7.7 11.5#

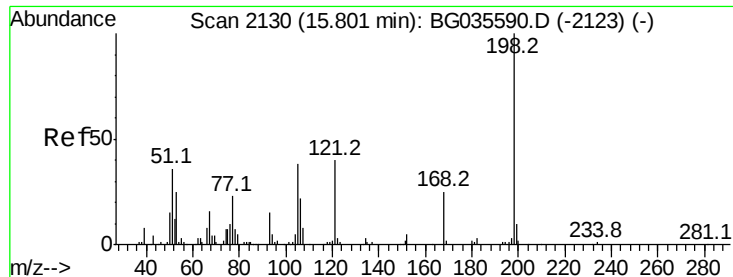


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#64

4,6-Dinitro-2-methylphenol

Concen: 25.285 ng

RT: 15.78 min Scan# 2126

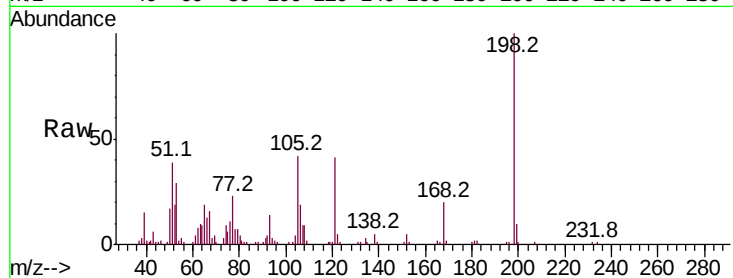
Delta R.T. -0.00 min

Lab File: BG035954.D

Acq: 28 Jul 2018 2:31

Tot Ion:198 Resp: 41946

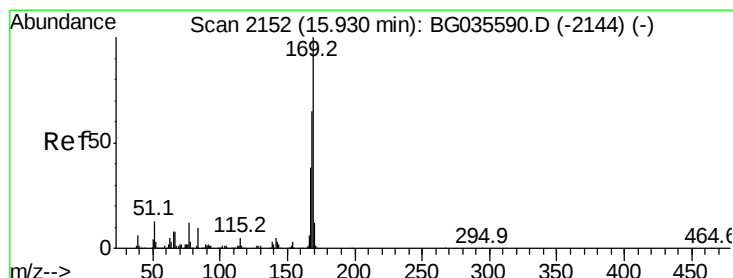
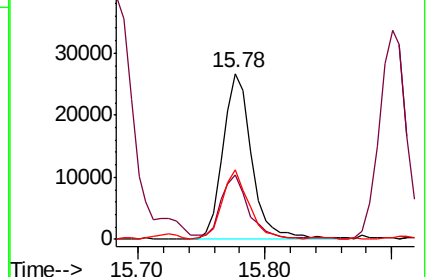
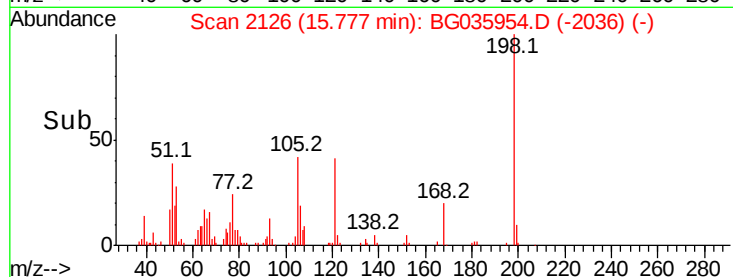
Ion	Ratio	Lower	Upper
198	100		
51	39.1	30.6	70.6
105	41.9	23.8	63.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 47.759 ng

RT: 15.90 min Scan# 2147

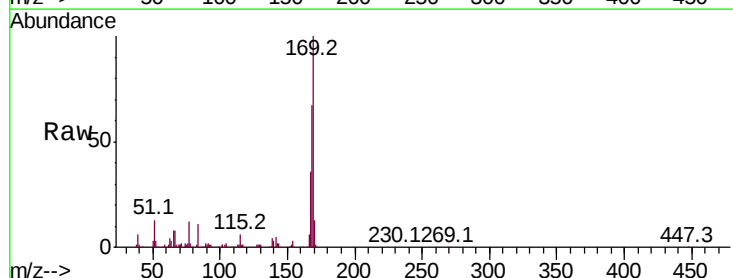
Delta R.T. -0.00 min

Lab File: BG035954.D

Acq: 28 Jul 2018 2:31

Tgt Ion:169 Resp: 405111

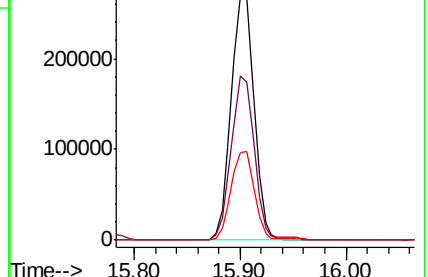
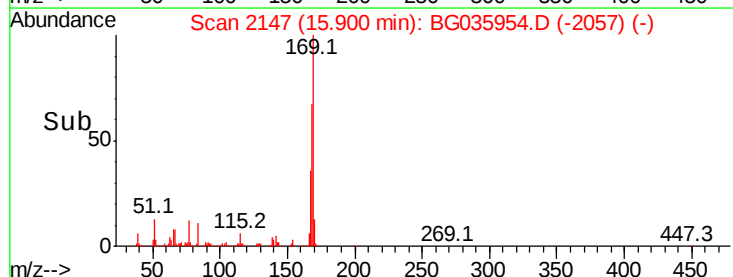
Ion	Ratio	Lower	Upper
169	100		
168	67.2	55.7	83.5
167	35.7	30.1	45.1

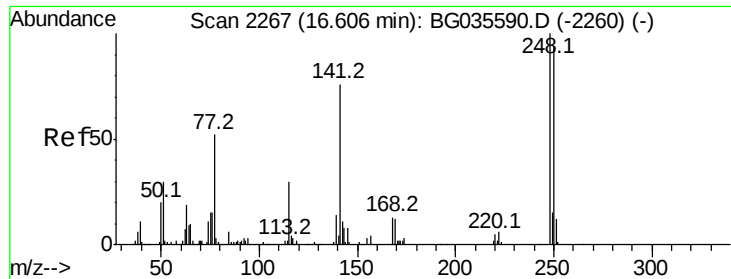


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

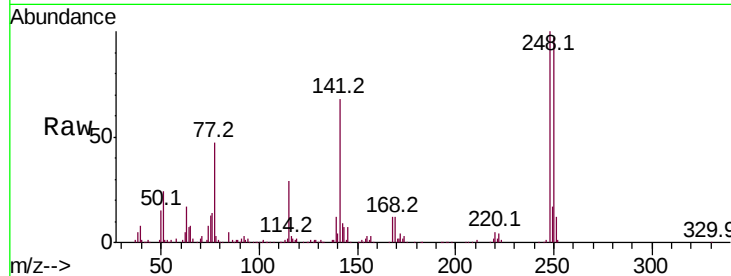
Ion 167.00 (166.70 to 167.70): E



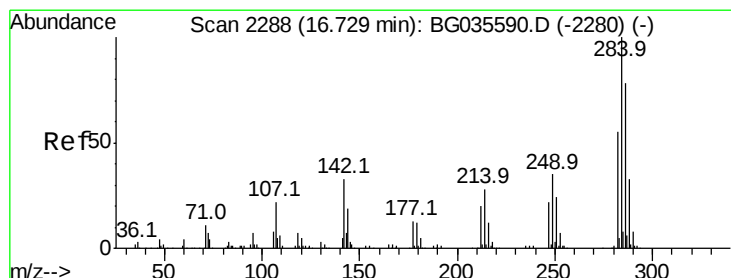
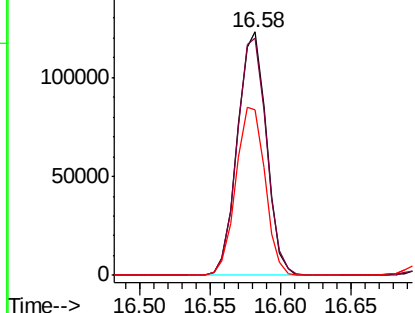
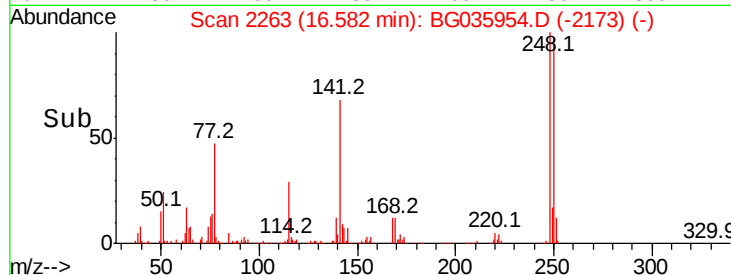


#66
4-Bromophenyl-phenylether
Concen: 50.924 ng
RT: 16.58 min Scan# 2263
Delta R.T. -0.00 min
Lab File: BG035954.D
Acq: 28 Jul 2018 2:31

Tot Ion:248 Resp: 176066
Ion Ratio Lower Upper
248 100
250 97.5 77.1 115.7
141 67.9 50.8 76.2

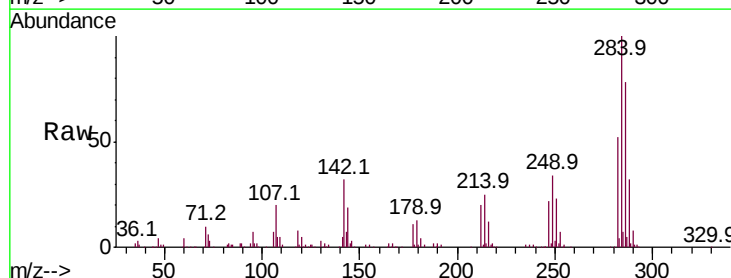


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

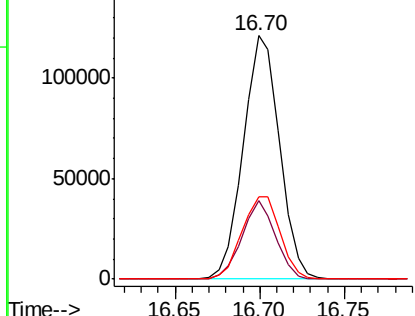
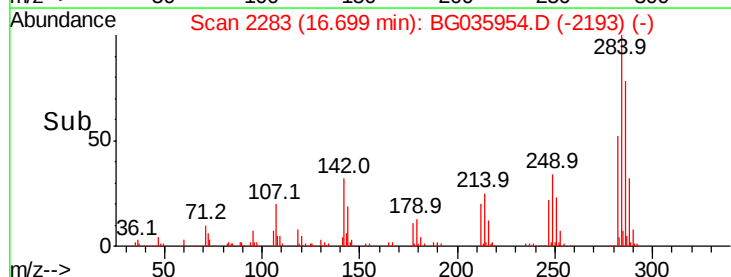


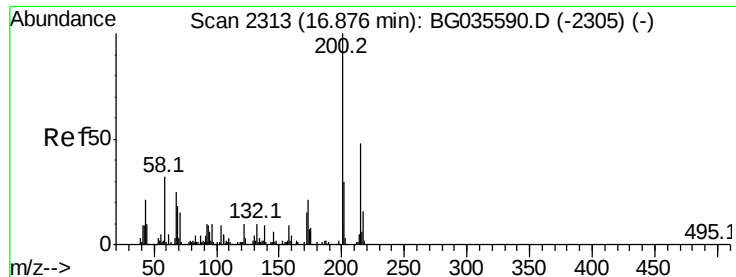
#67
Hexachlorobenzene
Concen: 50.771 ng
RT: 16.70 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BG035954.D
Acq: 28 Jul 2018 2:31

Tgt Ion:284 Resp: 180770
Ion Ratio Lower Upper
284 100
142 32.1 26.8 40.2
249 34.0 26.3 39.5



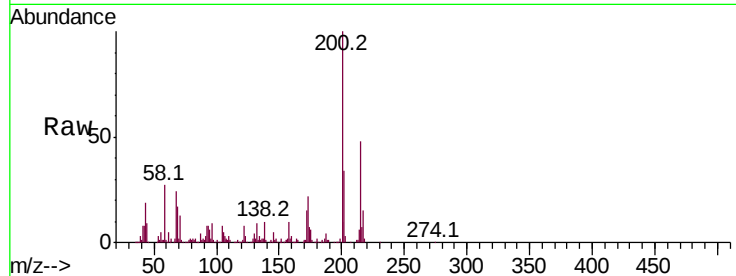
Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



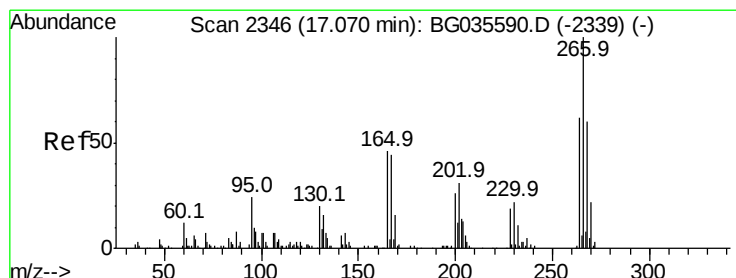
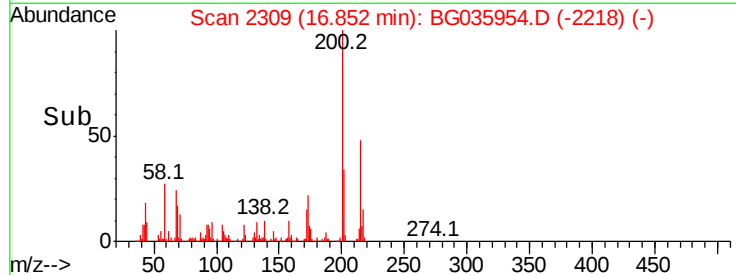
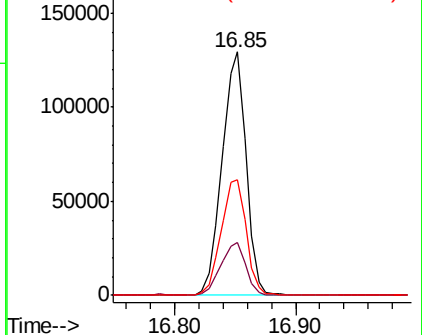


#68
Atrazine
Concen: 51.030 ng
RT: 16.85 min Scan# 2309
Delta R.T. 0.00 min
Lab File: BG035954.D
Acq: 28 Jul 2018 2:31

Tot Ion	Ratio	Lower	Upper
200	100		
173	21.7	5.2	45.2
215	47.7	30.4	70.4

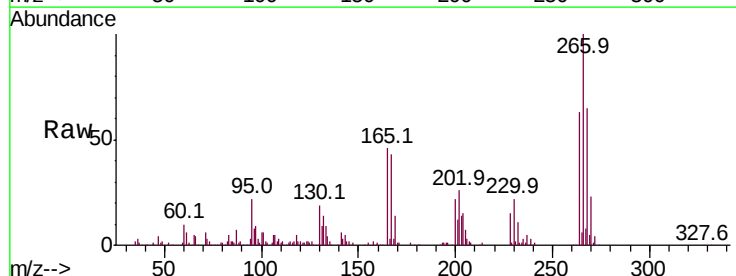


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

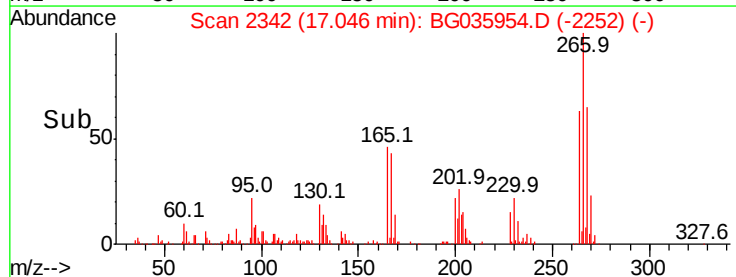
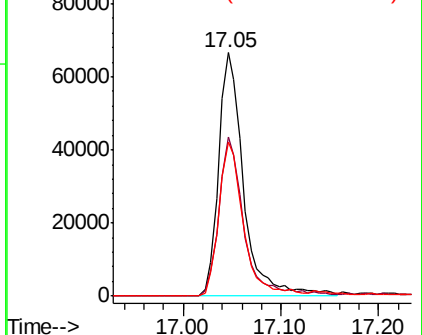


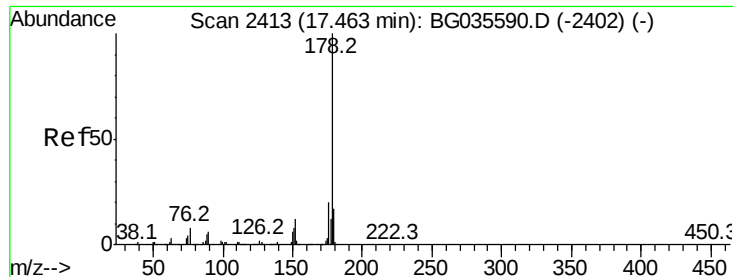
#69
Pentachlorophenol
Concen: 54.771 ng
RT: 17.05 min Scan# 2342
Delta R.T. -0.00 min
Lab File: BG035954.D
Acq: 28 Jul 2018 2:31

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.3	51.1	76.7
264	63.1	49.6	74.4



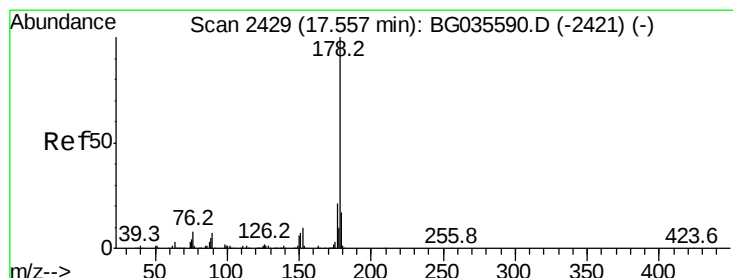
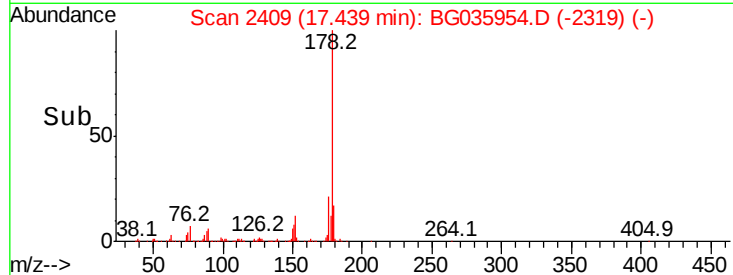
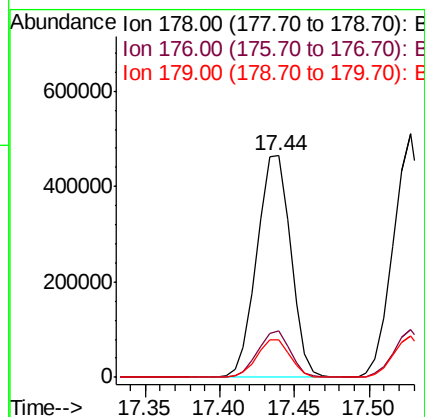
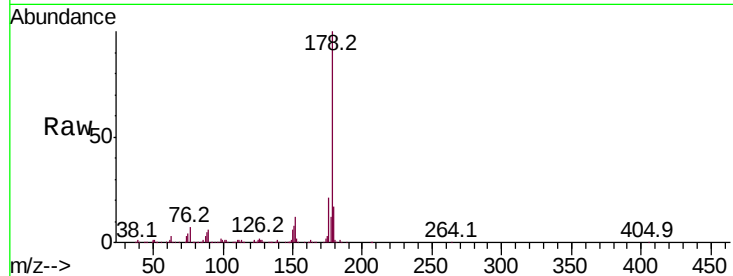
Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





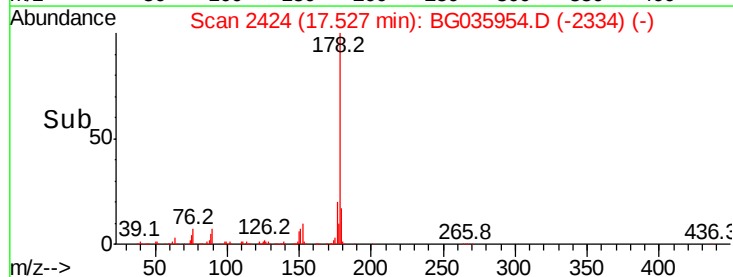
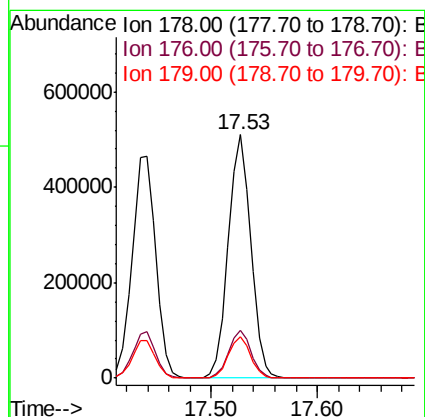
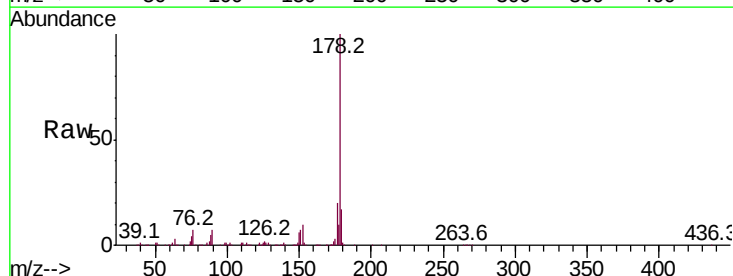
#70
 Phenanthrene
 Concen: 49.084 ng
 RT: 17.44 min Scan# 2409
 Delta R.T. -0.00 min
 Lab File: BG035954.D
 Acq: 28 Jul 2018 2:31

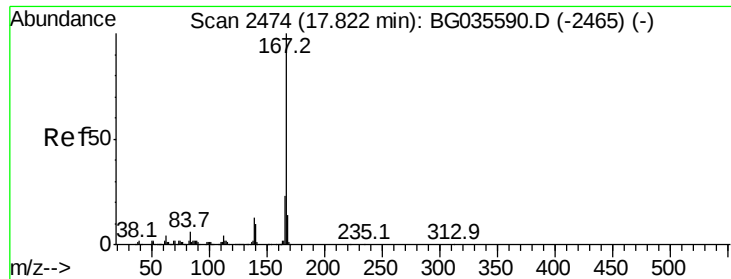
Tot Ion	Ratio	Lower	Upper
178	100		
176	21.0	15.7	23.5
179	17.1	12.5	18.7



#71
 Anthracene
 Concen: 50.816 ng
 RT: 17.53 min Scan# 2424
 Delta R.T. -0.00 min
 Lab File: BG035954.D
 Acq: 28 Jul 2018 2:31

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.0	24.0
179	17.0	12.5	18.7





#72

Carbazole

Concen: 47.838 ng

RT: 17.80 min Scan# 2470

Delta R.T. -0.00 min

Lab File: BG035954.D

Acq: 28 Jul 2018 2:31

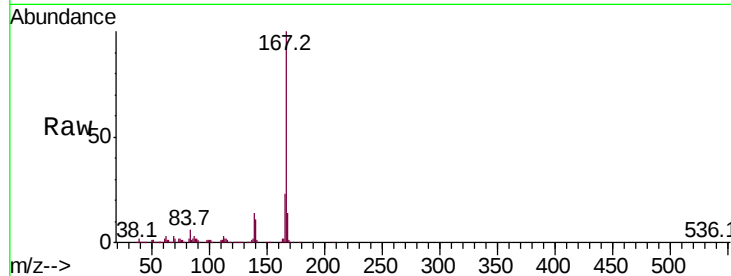
Tot Ion:167 Resp: 672677

Ion Ratio Lower Upper

167 100

166 23.1 18.2 27.4

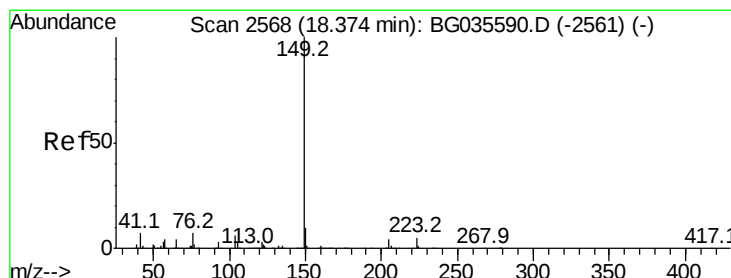
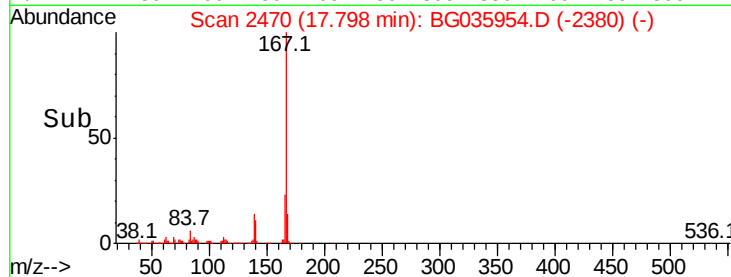
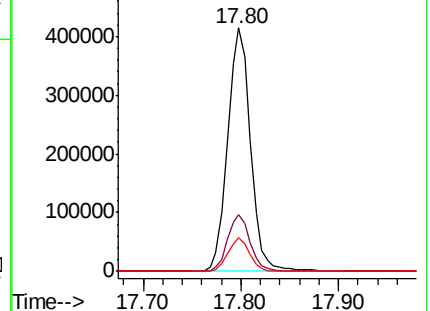
139 14.0 9.4 14.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 46.528 ng

RT: 18.35 min Scan# 2564

Delta R.T. -0.00 min

Lab File: BG035954.D

Acq: 28 Jul 2018 2:31

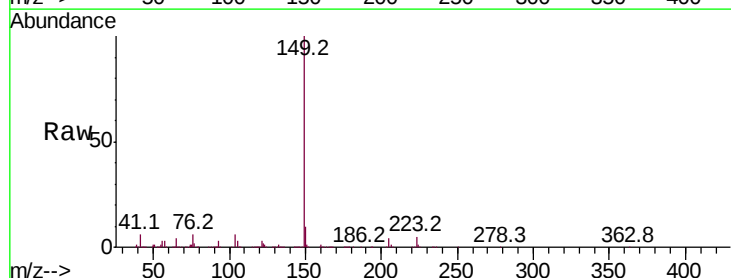
Tgt Ion:149 Resp: 773142

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

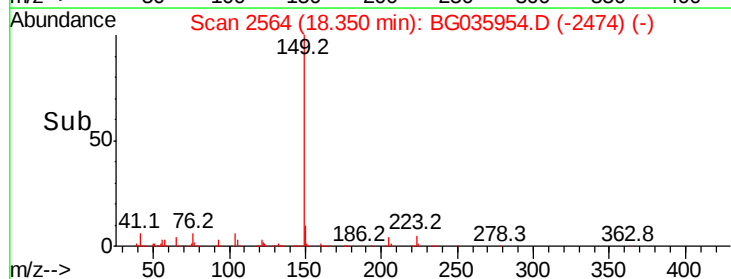
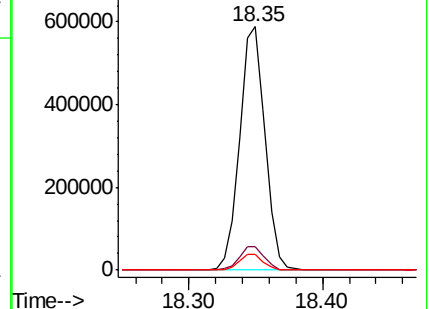
104 6.3 3.9 5.9#

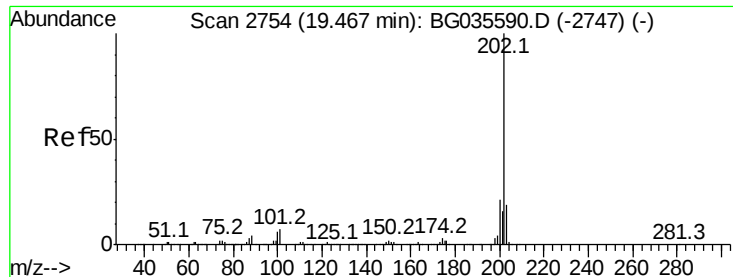


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 47.994 ng

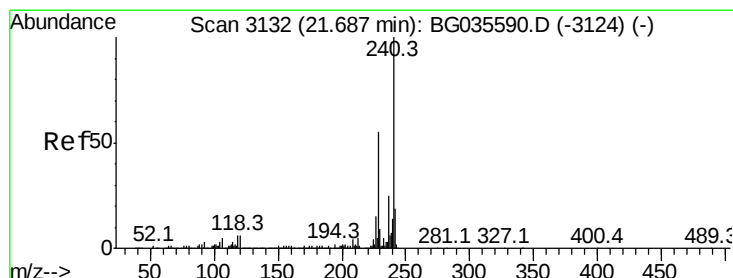
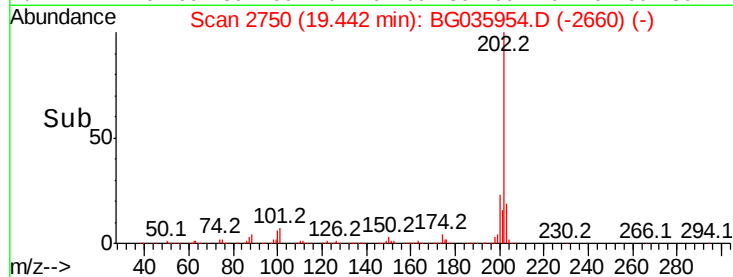
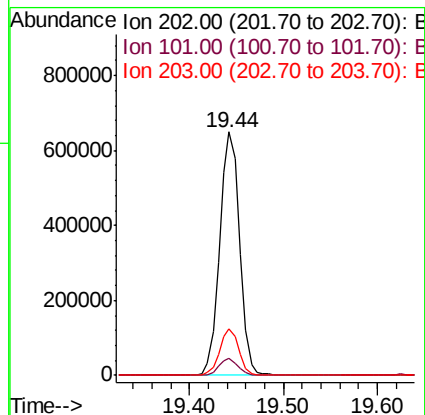
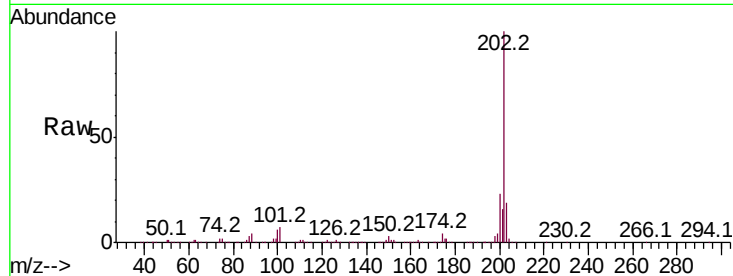
RT: 19.44 min Scan# 2750

Delta R.T. -0.00 min

Lab File: BG035954.D

Acq: 28 Jul 2018 2:31

Tot Ion:	202	Resp:	961323
Ion	Ratio	Lower	Upper
202	100		
101	7.3	0.0	28.9
203	19.2	0.0	37.5



#75

Chrysene-d12

Concen: 20.000 ng

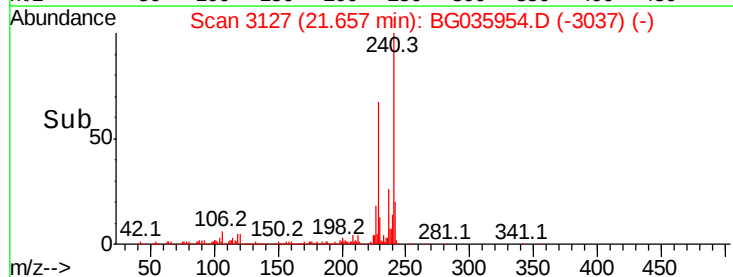
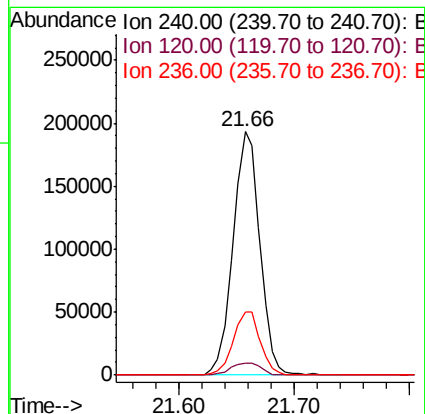
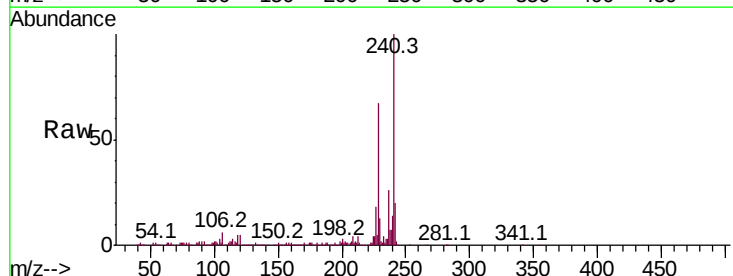
RT: 21.66 min Scan# 3127

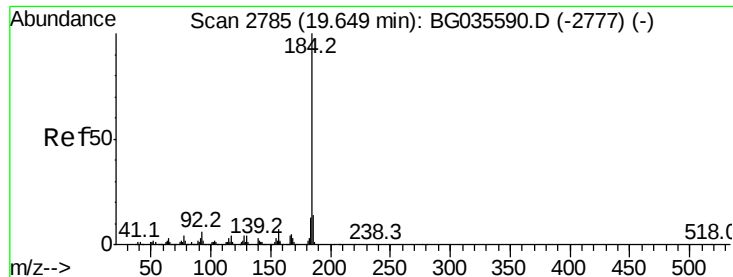
Delta R.T. -0.00 min

Lab File: BG035954.D

Acq: 28 Jul 2018 2:31

Tgt Ion:	240	Resp:	309872
Ion	Ratio	Lower	Upper
240	100		
120	5.1	6.8	10.2#
236	25.9	20.9	31.3





#76

Benzidine

Concen: 66.319 ng

RT: 19.62 min Scan# 2781

Delta R.T. -0.00 min

Lab File: BG035954.D

Acq: 28 Jul 2018 2:31

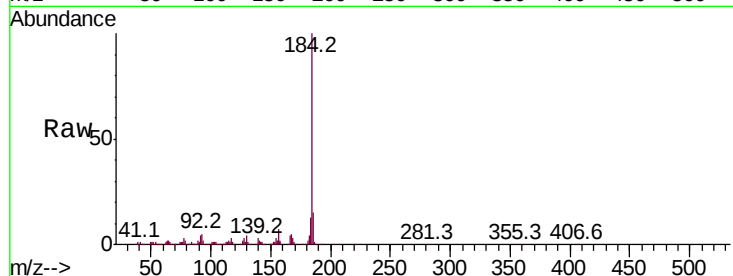
Tot Ion:184 Resp: 540279

Ion Ratio Lower Upper

184 100

185 15.0 11.1 16.7

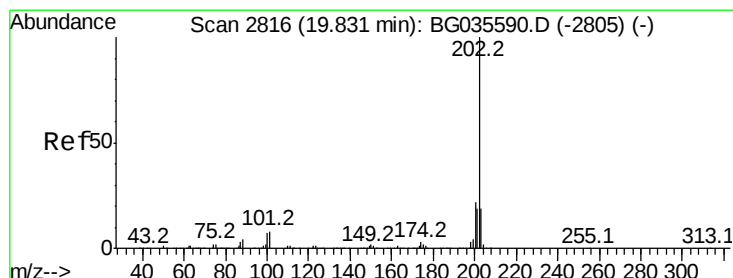
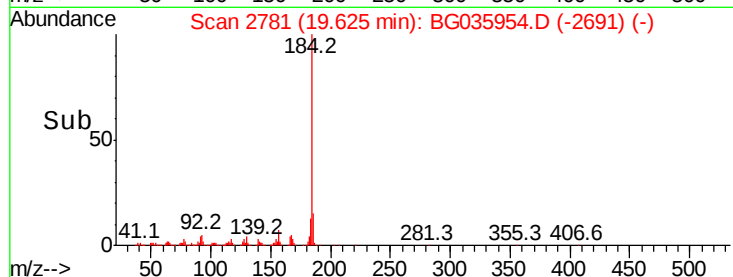
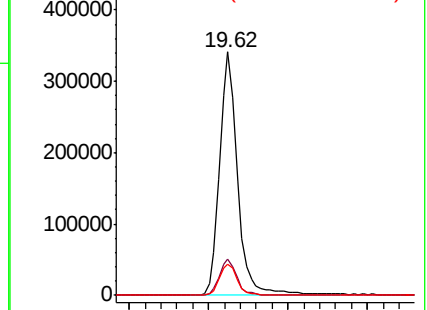
183 12.9 10.6 16.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 48.141 ng

RT: 19.81 min Scan# 2812

Delta R.T. -0.00 min

Lab File: BG035954.D

Acq: 28 Jul 2018 2:31

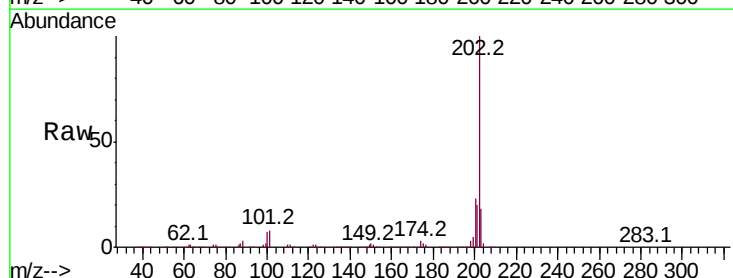
Tgt Ion:202 Resp: 943261

Ion Ratio Lower Upper

202 100

200 23.1 16.9 25.3

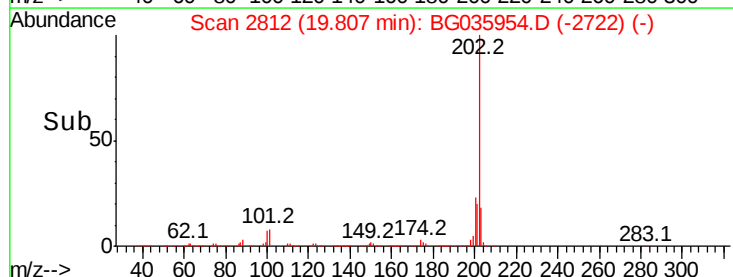
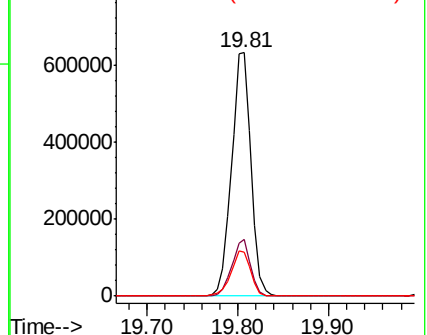
203 18.2 13.9 20.9

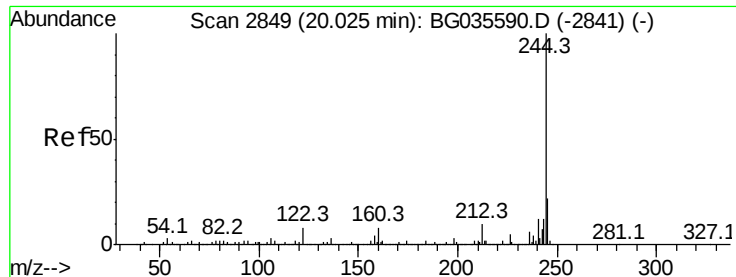


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 100.089 ng

RT: 20.00 min Scan# 2845

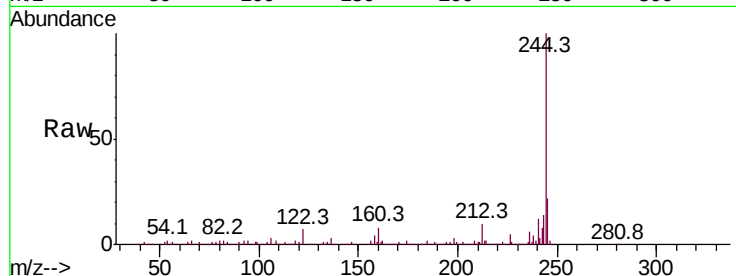
Delta R.T. -0.00 min

Lab File: BG035954.D

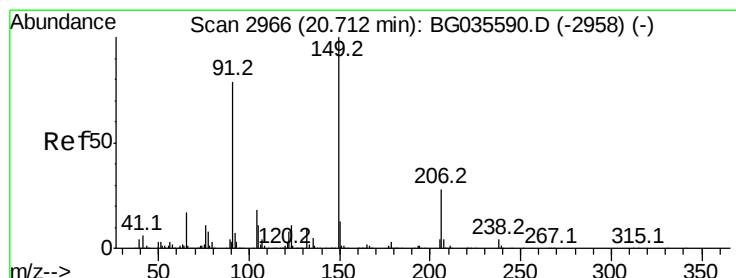
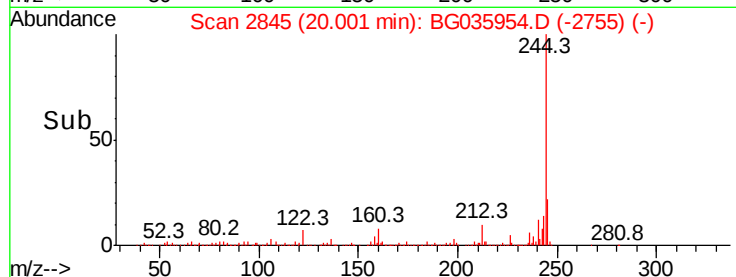
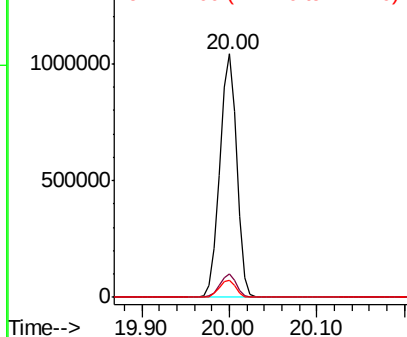
Acq: 28 Jul 2018 2:31

Tot Ion:244 Resp: 1407012

Ion	Ratio	Lower	Upper
244	100		
212	9.6	5.8	8.8#
122	7.0	7.0	10.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 51.558 ng

RT: 20.68 min Scan# 2961

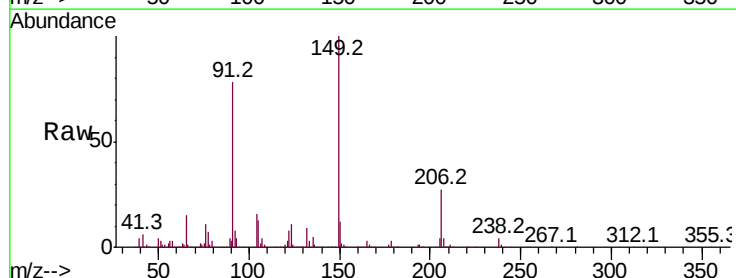
Delta R.T. -0.00 min

Lab File: BG035954.D

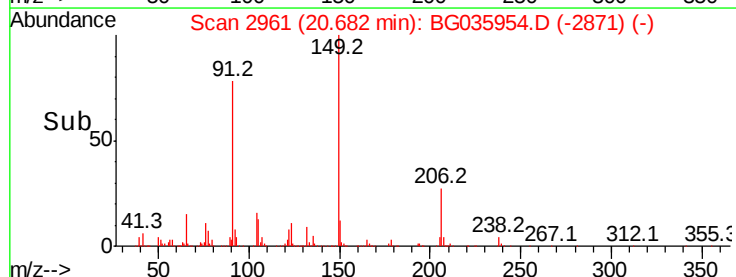
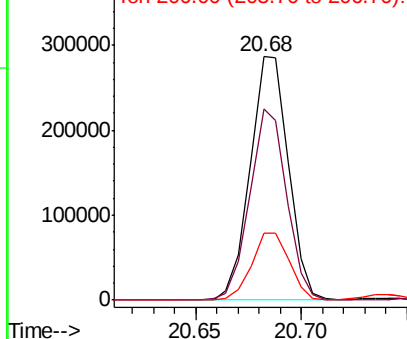
Acq: 28 Jul 2018 2:31

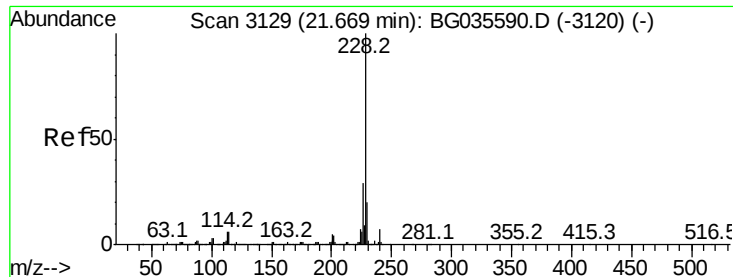
Tgt Ion:149 Resp: 361251

Ion	Ratio	Lower	Upper
149	100		
91	78.4	62.2	93.2
206	27.3	18.6	27.8



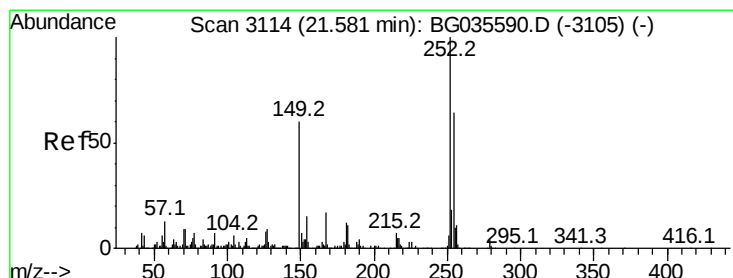
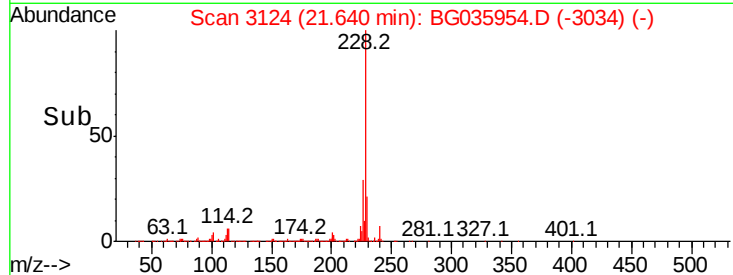
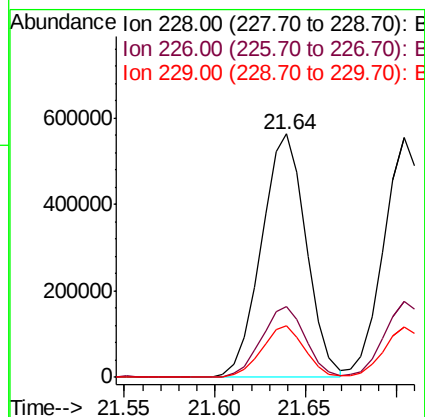
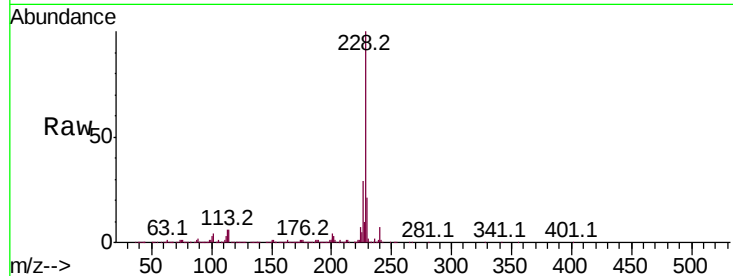
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





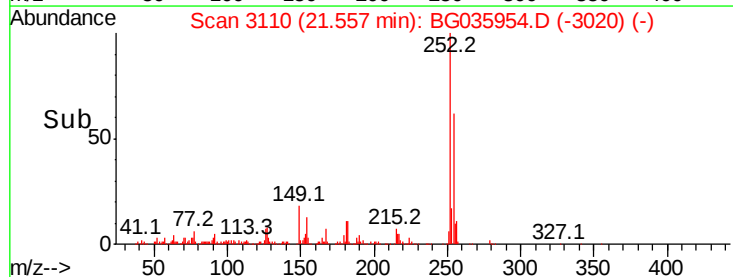
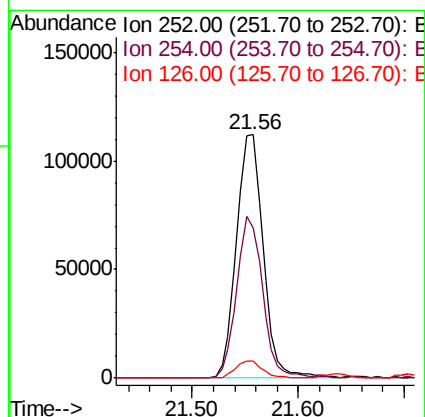
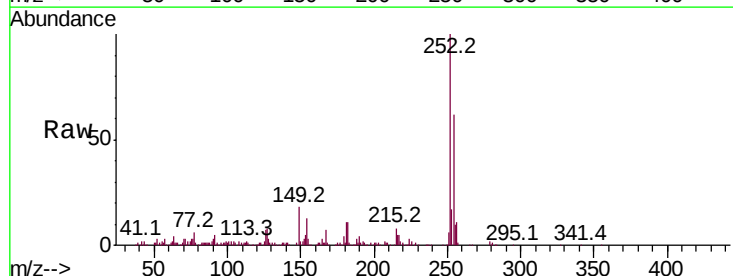
#80
Benzo(a)anthracene
Concen: 50.210 ng
RT: 21.64 min Scan# 3124
Delta R.T. -0.00 min
Lab File: BG035954.D
Acq: 28 Jul 2018 2:31

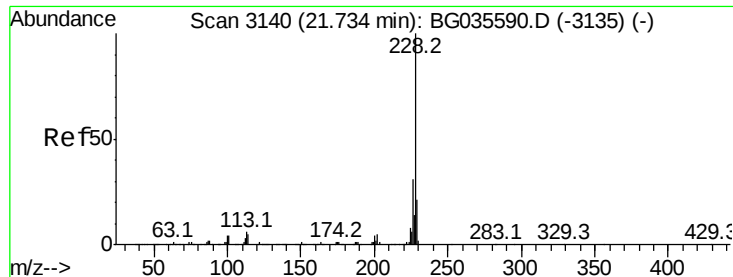
Tot Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.7	34.1
229	21.3	16.2	24.2



#81
3,3'-Dichlorobenzidine
Concen: 29.228 ng
RT: 21.56 min Scan# 3110
Delta R.T. -0.00 min
Lab File: BG035954.D
Acq: 28 Jul 2018 2:31

Tgt Ion	Ratio	Lower	Upper
252	100		
254	61.8	50.8	76.2
126	6.8	7.4	11.2#





#82

Chrysene

Concen: 50.369 ng

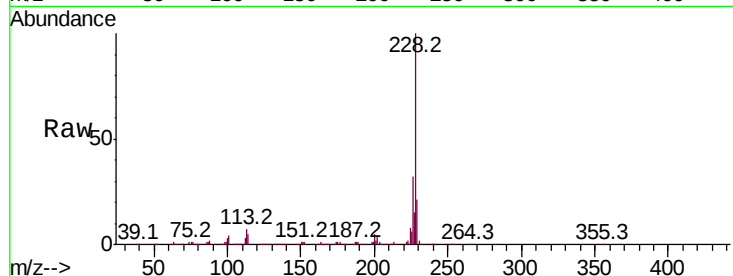
RT: 21.70 min Scan# 3135

Delta R.T. -0.00 min

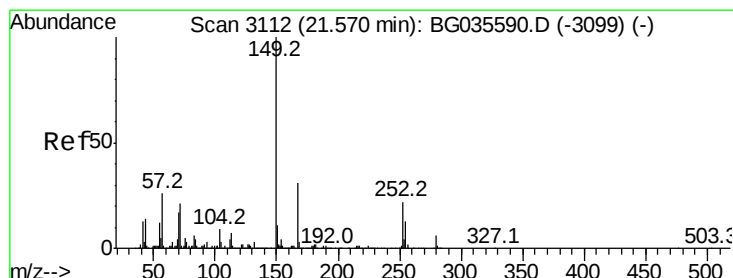
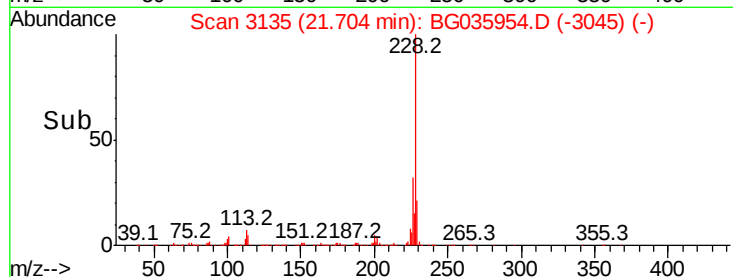
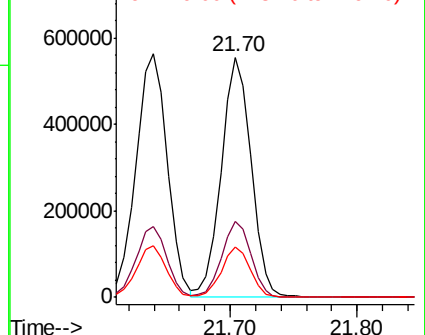
Lab File: BG035954.D

Acq: 28 Jul 2018 2:31

Tot Ion:	228	Resp:	901331
Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.9	37.3
229	21.1	15.0	22.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 52.478 ng

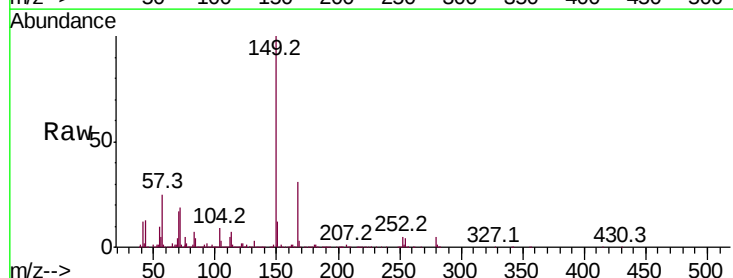
RT: 21.53 min Scan# 3106

Delta R.T. -0.01 min

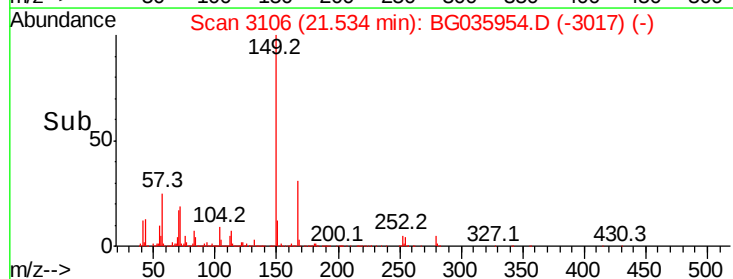
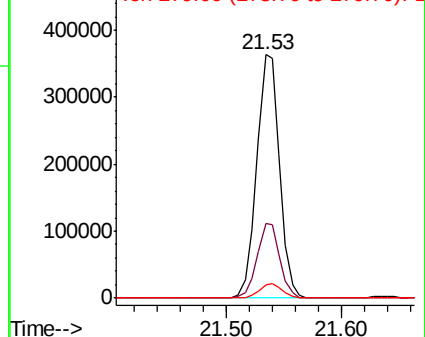
Lab File: BG035954.D

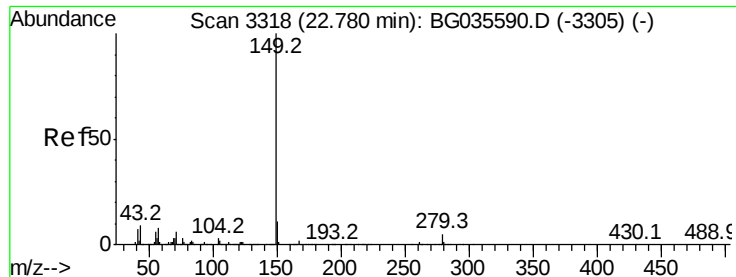
Acq: 28 Jul 2018 2:31

Tgt Ion:	149	Resp:	499891
Ion	Ratio	Lower	Upper
149	100		
167	30.6	24.3	36.5
279	5.3	4.0	6.0



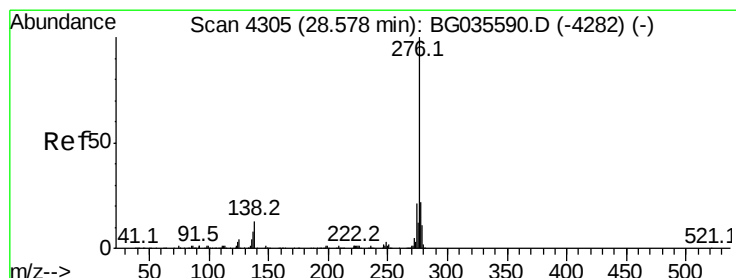
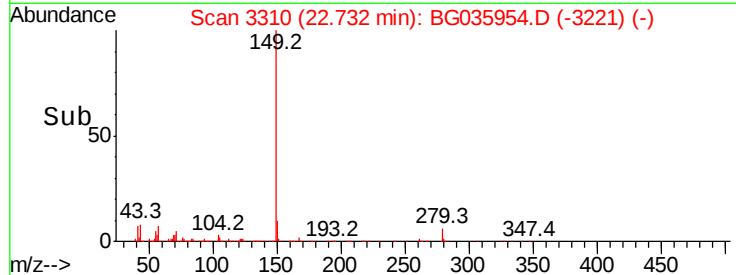
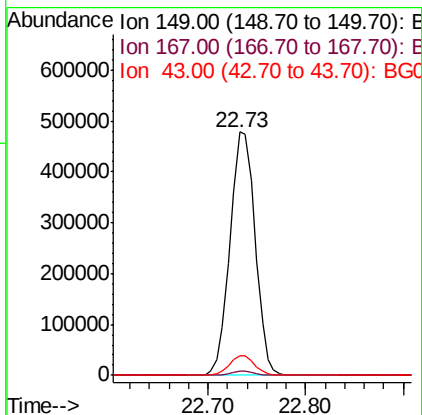
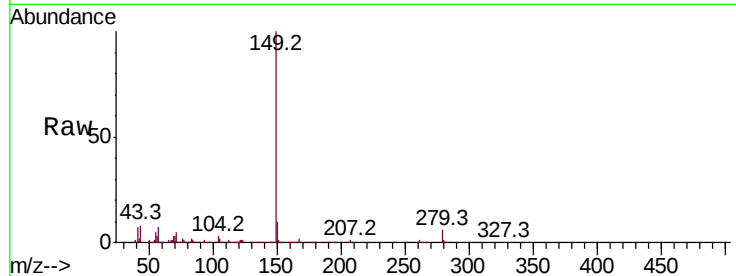
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





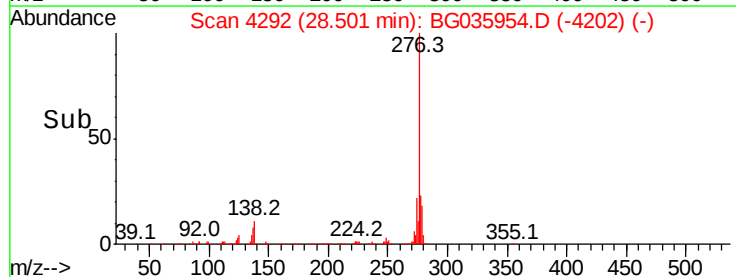
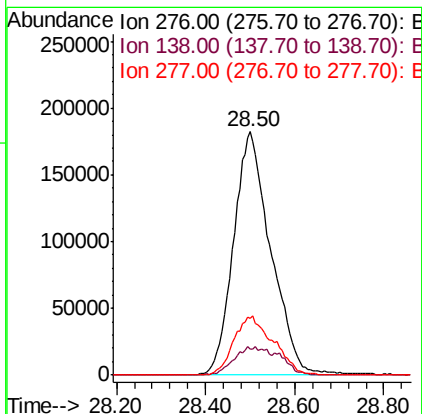
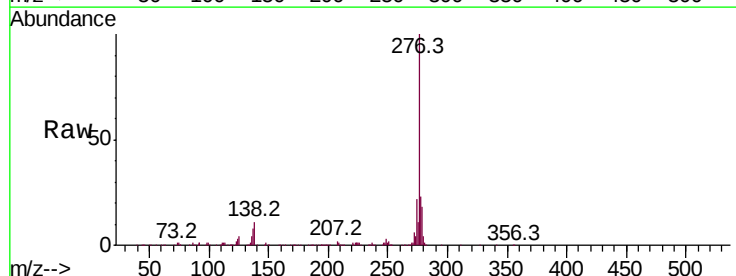
#84
Di-n-octyl phthalate
Concen: 53.600 ng
RT: 22.73 min Scan# 3310
Delta R.T. -0.01 min
Lab File: BG035954.D
Acq: 28 Jul 2018 2:31

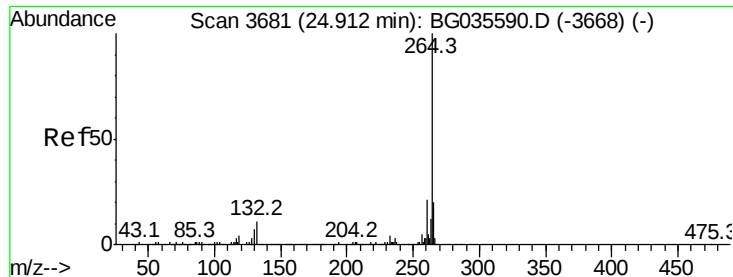
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	7.9	8.9	13.3



#85
Indeno(1,2,3-cd)pyrene
Concen: 53.120 ng
RT: 28.50 min Scan# 4292
Delta R.T. -0.00 min
Lab File: BG035954.D
Acq: 28 Jul 2018 2:31

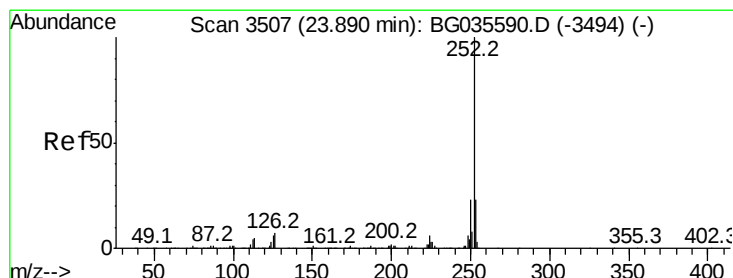
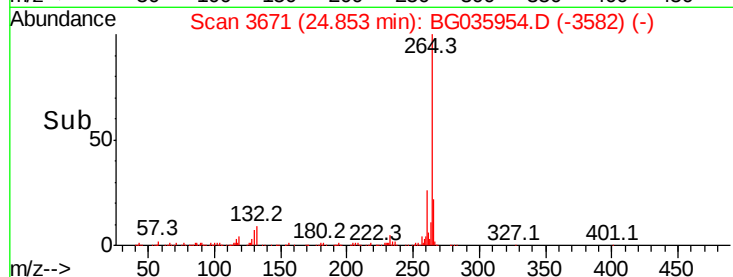
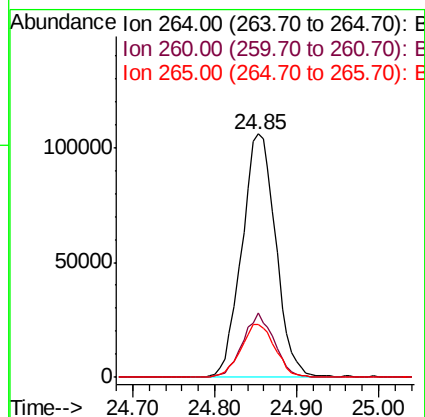
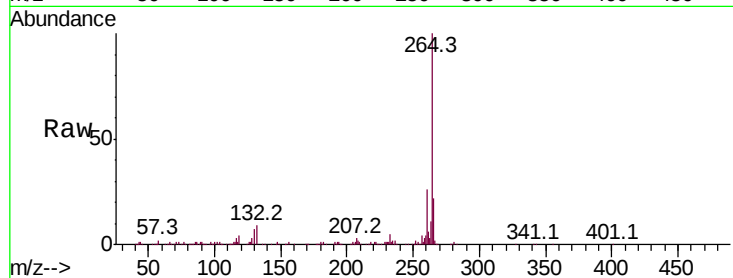
Tgt Ion	Ratio	Lower	Upper
276	100		
138	6.2	16.0	24.0
277	25.8	20.0	30.0





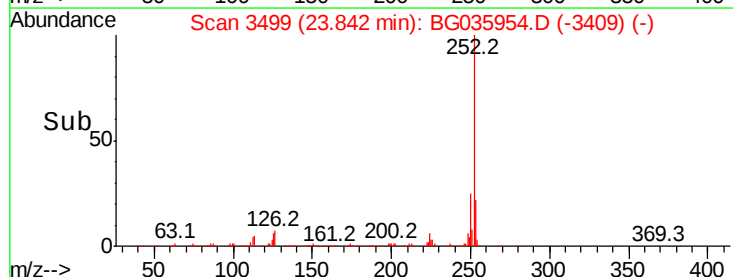
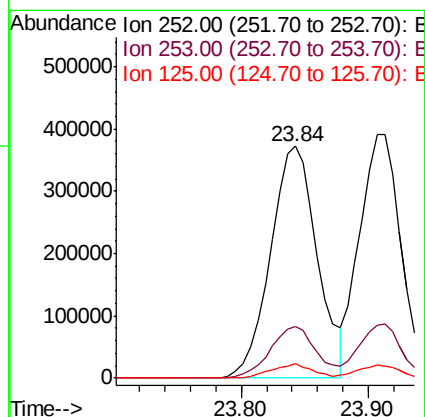
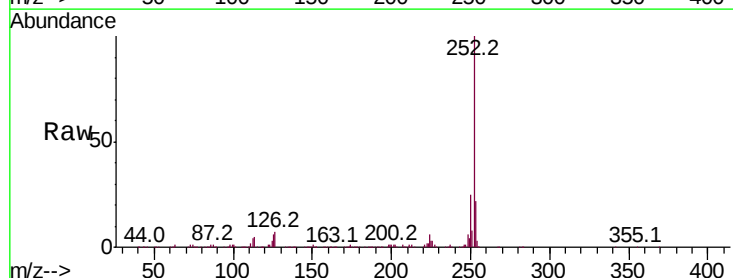
#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.85 min Scan# 3671
 Delta R.T. -0.01 min
 Lab File: BG035954.D
 Acq: 28 Jul 2018 2:31

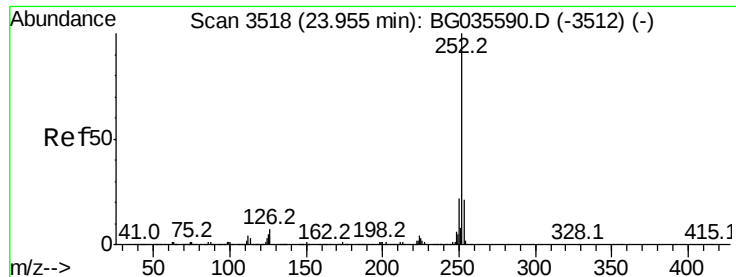
Tot Ion	Ratio	Lower	Upper
264	100		
260	26.3	17.4	26.0#
265	21.9	17.7	26.5



#87
 Benzo(b)fluoranthene
 Concen: 51.330 ng
 RT: 23.84 min Scan# 3499
 Delta R.T. -0.00 min
 Lab File: BG035954.D
 Acq: 28 Jul 2018 2:31

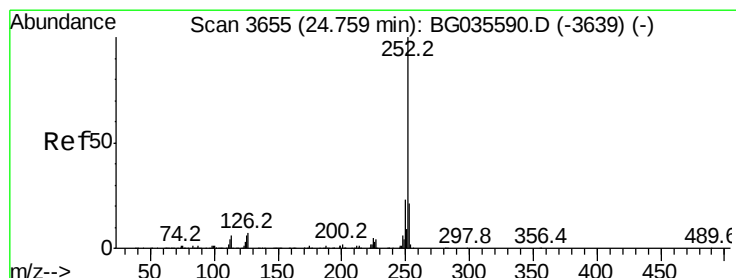
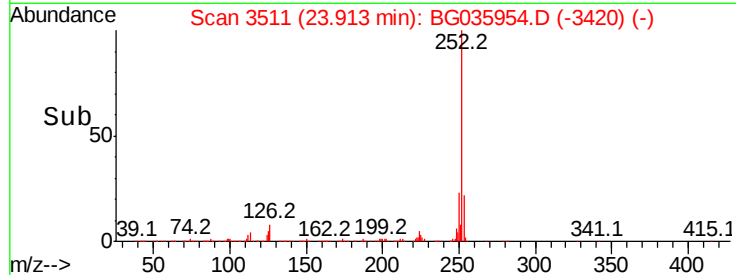
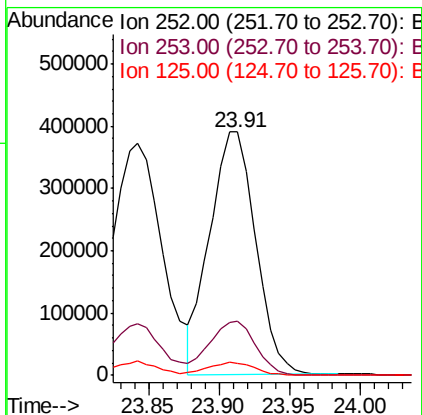
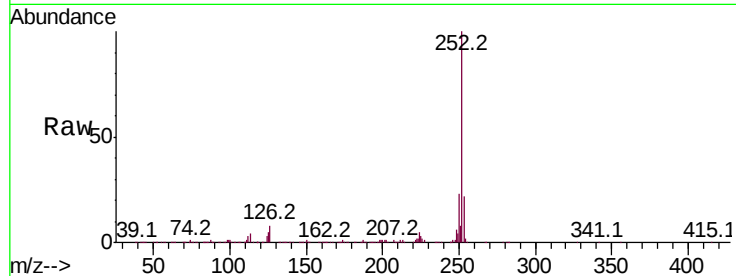
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.4
125	6.0	7.2	10.8#





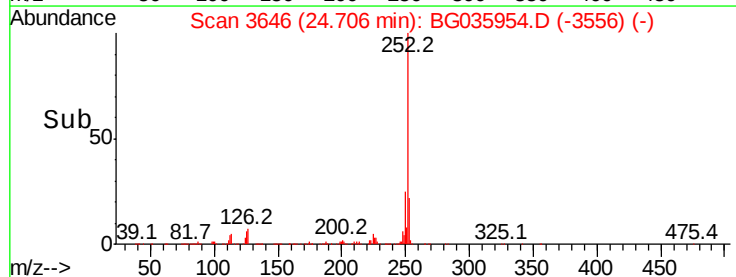
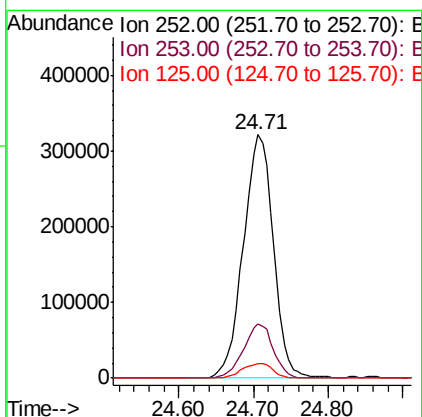
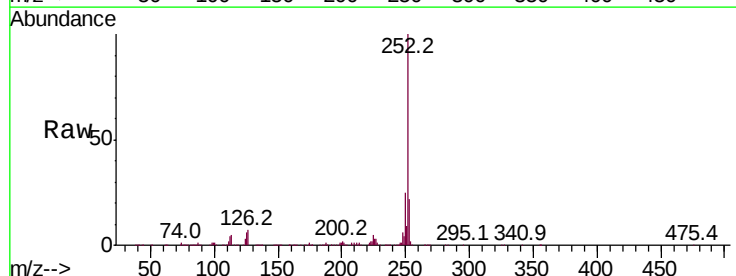
#88
Benzo(k)fluoranthene
Concen: 48.605 ng
RT: 23.91 min Scan# 3511
Delta R.T. 0.00 min
Lab File: BG035954.D
Acq: 28 Jul 2018 2:31

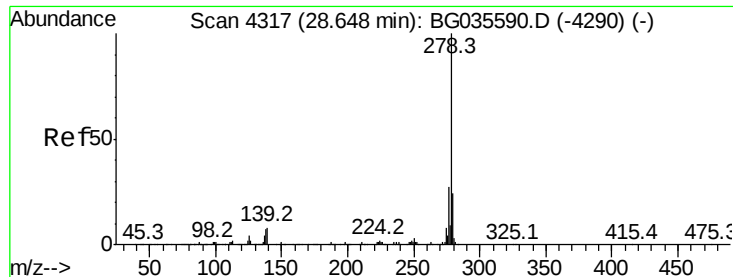
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	5.1	6.6	9.8#



#89
Benzo(a)pyrene
Concen: 51.998 ng
RT: 24.71 min Scan# 3646
Delta R.T. -0.00 min
Lab File: BG035954.D
Acq: 28 Jul 2018 2:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.3	27.5
125	5.9	7.3	10.9#





#90

Dibenzo(a,h)anthracene

Concen: 51.540 ng

RT: 28.56 min Scan# 4302

Delta R.T. -0.01 min

Lab File: BG035954.D

Acq: 28 Jul 2018 2:31

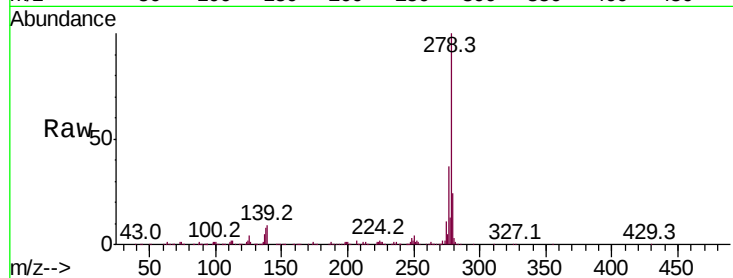
Tot Ion:278 Resp: 873159

Ion	Ratio	Lower	Upper
278	100		
139	9.2	9.8	14.6#
279	24.1	18.4	27.6

278 100

139 9.2 9.8 14.6#

279 24.1 18.4 27.6

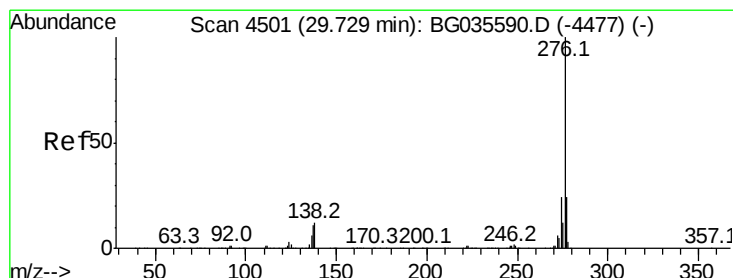
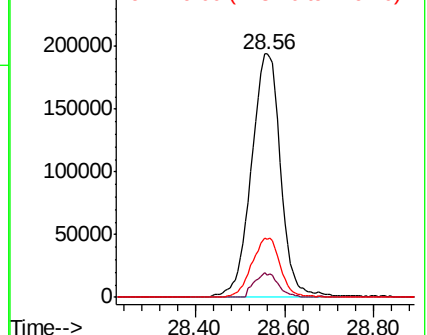
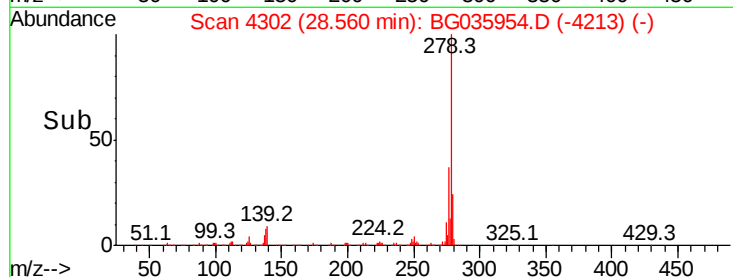


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 51.516 ng

RT: 29.65 min Scan# 4487

Delta R.T. 0.01 min

Lab File: BG035954.D

Acq: 28 Jul 2018 2:31

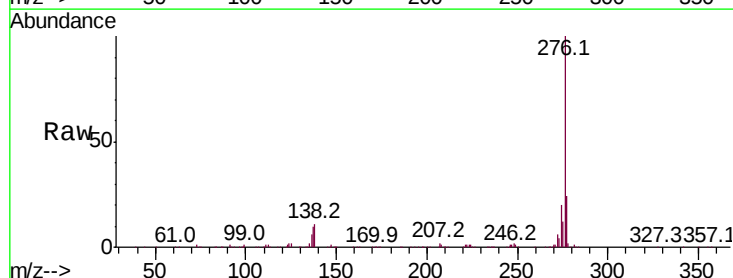
Tgt Ion:276 Resp: 854023

Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.3	27.5
138	11.3	13.9	20.9#

276 100

277 24.4 18.3 27.5

138 11.3 13.9 20.9#



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

