

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110818\
 Data File : BG037897.D
 Acq On : 8 Nov 2018 22:29
 Operator : JU/SJ
 Sample : PB114622BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 09 14:42:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	43430	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	193814	20.00	ng	-0.02
39) Acenaphthene-d10	14.73	164	132572	20.00	ng	-0.02
64) Phenanthrene-d10	17.48	188	311125	20.00	ng	0.00
76) Chrysene-d12	21.76	240	278564	20.00	ng	-0.02
87) Perylene-d12	25.09	264	277233	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	368931	142.02	ng	0.00
7) Phenol-d6	7.24	99	519607	132.28	ng	0.00
23) Nitrobenzene-d5	9.27	82	235168	67.97	ng	-0.02
42) 2,4,6-Tribromophenol	16.21	330	198624	137.37	ng	-0.02
45) 2-Fluorobiphenyl	13.35	172	581191	66.11	ng	-0.02
79) Terphenyl-d14	20.07	244	881437	67.61	ng	-0.02

Target Compounds

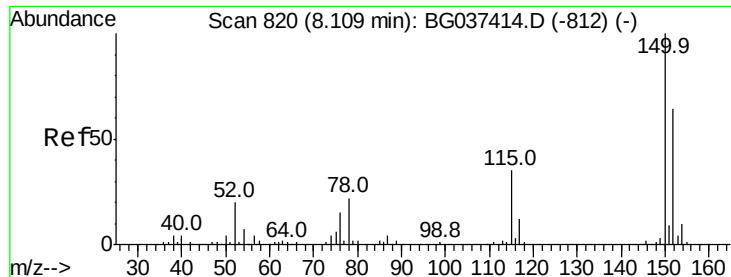
						Qvalue
2) 1,4-Dioxane	3.52	88	60881	46.214	ng	99
3) Pyridine	3.92	79	122215	36.808	ng	97
4) n-Nitrosodimethylamine	3.85	42	52567	44.448	ng	# 87
6) Aniline	7.42	93	155627	32.477	ng	95
8) 2-Chlorophenol	7.65	128	142593	46.922	ng	96
9) Benzaldehyde	7.23	77	102104	41.554	ng	96
10) Phenol	7.27	94	187156	45.157	ng	99
11) bis(2-Chloroethyl)ether	7.51	93	127168	40.399	ng	94
12) 1,3-Dichlorobenzene	7.98	146	142151	42.017	ng	99
13) 1,4-Dichlorobenzene	8.13	146	144211	41.672	ng	97
14) 1,2-Dichlorobenzene	8.45	146	139064	41.774	ng	99
15) Benzyl Alcohol	8.33	79	118926	40.975	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.61	45	230525	40.929	ng	98
17) 2-Methylphenol	8.53	107	126017	45.991	ng	98
18) Hexachloroethane	9.17	117	52136	44.190	ng	95
19) n-Nitroso-di-n-propylamine	8.89	70	102403	37.858	ng	95
20) 3+4-Methylphenols	8.85	107	181334	46.288	ng	98
22) Acetophenone	8.92	105	200863	41.323	ng	# 97
24) Nitrobenzene	9.31	77	162507	45.214	ng	96
25) Isophorone	9.83	82	296547	46.910	ng	97
26) 2-Nitrophenol	10.02	139	82130	50.724	ng	97
27) 2,4-Dimethylphenol	10.07	122	147839	51.138	ng	100
28) bis(2-Chloroethoxy)methane	10.31	93	186155	44.945	ng	98
29) 2,4-Dichlorophenol	10.55	162	153838	47.793	ng	99
30) 1,2,4-Trichlorobenzene	10.77	180	154731	44.204	ng	99
31) Naphthalene	10.96	128	450636	47.337	ng	99
32) Benzoic acid	10.19	122	83151	44.283	ng	96
33) 4-Chloroaniline	11.07	127	120039	26.837	ng	96
34) Hexachlorobutadiene	11.23	225	88760	42.784	ng	98
35) Caprolactam	11.86	113	56484	43.754	ng	95
36) 4-Chloro-3-methylphenol	12.18	107	169344	46.650	ng	99
37) 2-Methylnaphthalene	12.56	142	345632	49.807	ng	100
38) 1-Methylnaphthalene	12.78	142	328559	48.753	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	180541	42.220	ng	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	220530	107.965	ng	98
43) 2,4,6-Trichlorophenol	13.16	196	133775	46.826	ng	99
44) 2,4,5-Trichlorophenol	13.23	196	143041	45.987	ng	97
46) 1,1'-Biphenyl	13.56	154	448064	40.810	ng	99
47) 2-Chloronaphthalene	13.61	162	361753	43.552	ng	97
48) 2-Nitroaniline	13.82	65	117617	46.694	ng	97
49) Acenaphthylene	14.45	152	592331	47.406	ng	100
50) Dimethylphthalate	14.17	163	450216	43.898	ng	100
51) 2,6-Dinitrotoluene	14.30	165	104158	45.908	ng	94
52) Acenaphthene	14.79	154	341615	44.393	ng	99
53) 3-Nitroaniline	14.64	138	90350	35.871	ng	# 99
54) 2,4-Dinitrophenol	14.84	184	78263	78.615	ng	95
55) Dibenzofuran	15.12	168	559912	43.916	ng	100
56) 4-Nitrophenol	14.93	139	162013	86.900	ng	94
57) 2,4-Dinitrotoluene	15.09	165	146825	49.299	ng	92
58) Fluorene	15.77	166	452803	47.426	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.34	232	125793	47.234	ng	98
60) Diethylphthalate	15.53	149	470738	44.707	ng	99
61) 4-Chlorophenyl-phenylether	15.76	204	238038	42.775	ng	98
62) 4-Nitroaniline	15.80	138	112483	44.943	ng	90
63) Azobenzene	16.06	77	433266	43.127	ng	97
65) 4,6-Dinitro-2-methylphenol	15.85	198	72564	45.076	ng	97
66) n-Nitrosodiphenylamine	15.98	169	407804	43.575	ng	100
67) 4-Bromophenyl-phenylether	16.65	248	146507	42.880	ng	98
68) Hexachlorobenzene	16.77	284	151927	42.904	ng	96
69) Atrazine	16.92	200	150857	44.584	ng	99
70) Pentachlorophenol	17.11	266	174275	73.474	ng	97
71) Phenanthrene	17.52	178	741133	46.870	ng	100
72) Anthracene	17.61	178	746120	48.082	ng	98
73) Carbazole	17.88	167	666865	42.962	ng	100
74) Di-n-butylphthalate	18.41	149	800327	46.350	ng	99
75) Fluoranthene	19.52	202	847202	47.240	ng	99
77) Benzidine	19.70	184	378008	39.908	ng	99
78) Pyrene	19.89	202	853817	46.887	ng	99
80) Butylbenzylphthalate	20.76	149	362624	48.657	ng	97
81) Benzo(a)anthracene	21.74	228	783842	47.572	ng	98
82) 3,3'-Dichlorobenzidine	21.65	252	203152	31.810	ng	99
83) Chrysene	21.81	228	738697	46.624	ng	100
84) Bis(2-ethylhexyl)phthalate	21.61	149	510287	48.848	ng	99
85) Di-n-octyl phthalate	22.85	149	863795	50.708	ng	97
86) Indeno(1,2,3-cd)pyrene	28.90	276	705173	41.497	ng	# 76
88) Benzo(b)fluoranthene	24.02	252	733411	48.254	ng	99
89) Benzo(k)fluoranthene	24.09	252	743745	49.946	ng	97
90) Benzo(a)pyrene	24.93	252	721564	49.961	ng	100
91) Dibenzo(a,h)anthracene	28.96	278	539160	40.471	ng	96
92) Benzo(g,h,i)perylene	30.10	276	569317	42.240	ng	98

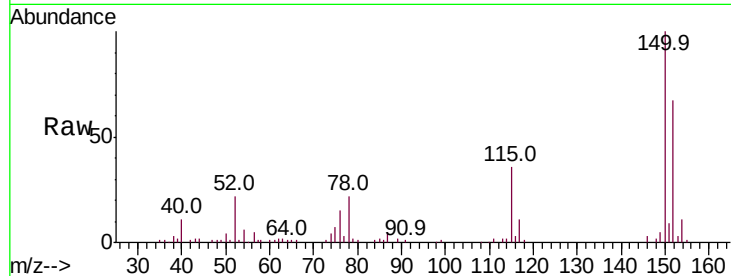
(#) = qualifier out of range (m) = manual integration (+) = signals summed



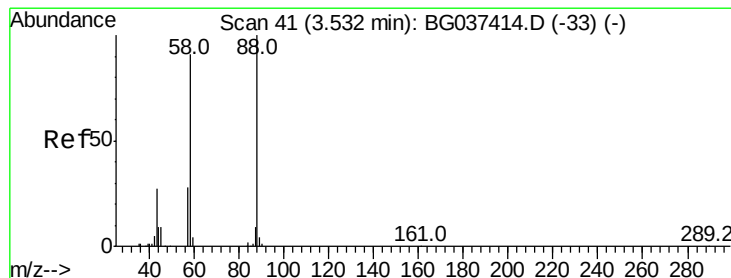
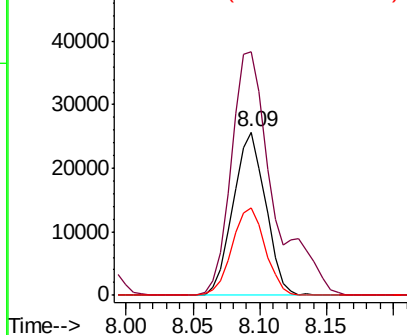
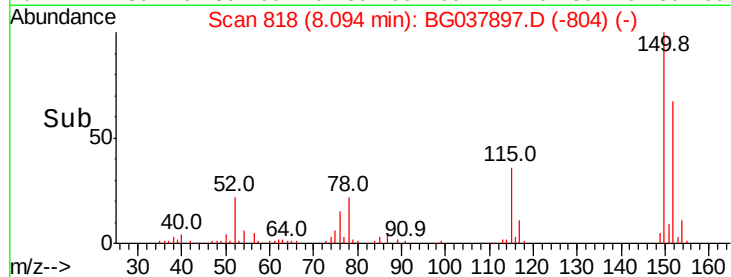
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.02 min
Lab File: BG037897.D
Acq: 8 Nov 2018 22:29

Tot Ion:152 Resp: 43430
Ion Ratio Lower Upper
152 100
150 149.2 126.0 189.0
115 53.9 45.5 68.3



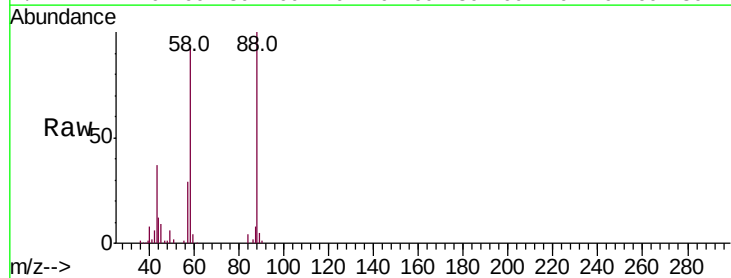
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



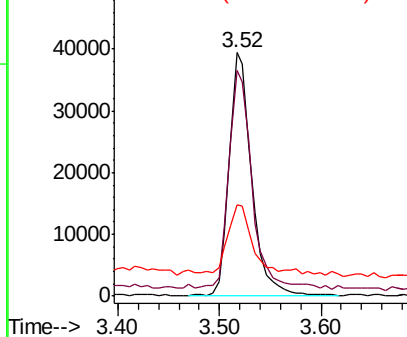
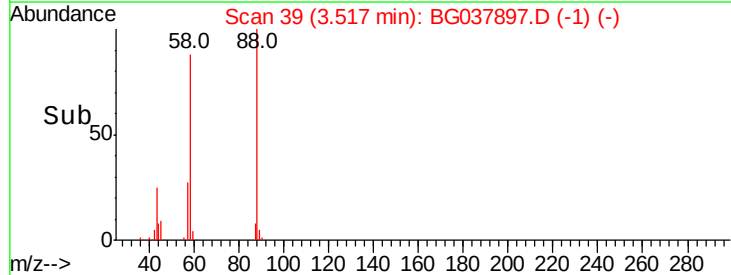
#2

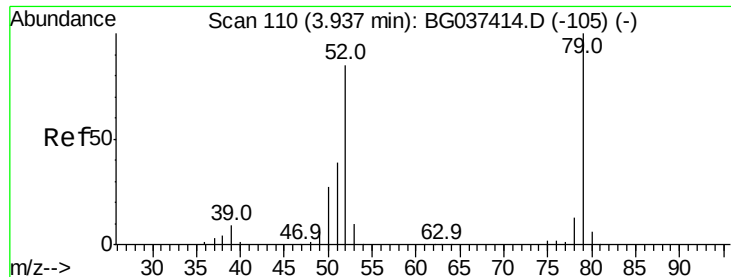
1,4-Dioxane
Concen: 46.214 ng
RT: 3.52 min Scan# 39
Delta R.T. -0.02 min
Lab File: BG037897.D
Acq: 8 Nov 2018 22:29

Tgt Ion: 88 Resp: 60881
Ion Ratio Lower Upper
88 100
58 93.7 74.4 111.6
43 33.7 25.8 38.8



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: 36.808 ng

RT: 3.92 min Scan# 108

Delta R.T. -0.02 min

Lab File: BG037897.D

Acq: 8 Nov 2018 22:29

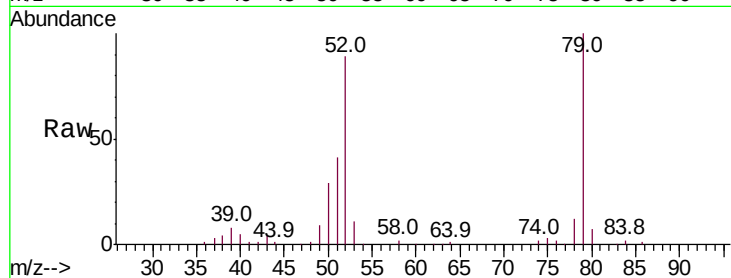
Tot Ion: 79 Resp: 122215

Ion Ratio Lower Upper

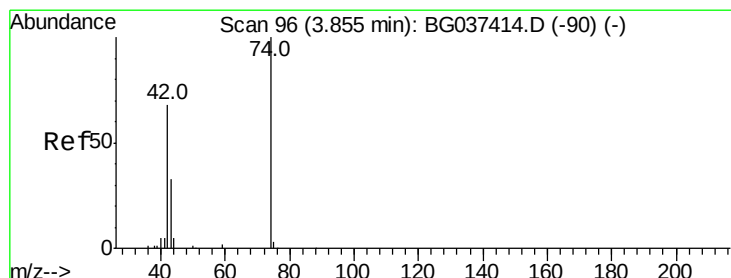
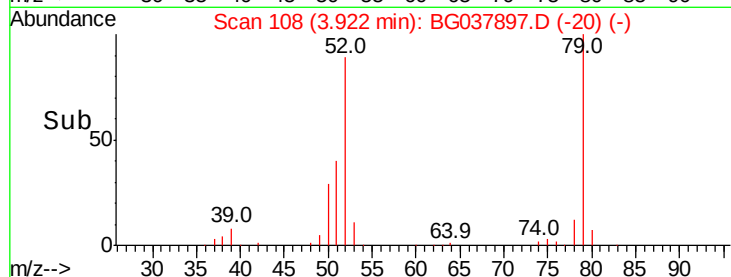
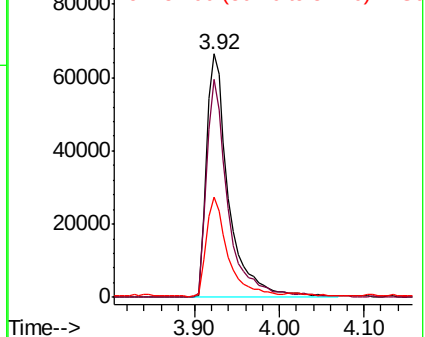
79 100

52 89.5 74.2 111.2

51 41.3 34.6 51.8



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: 44.448 ng

RT: 3.85 min Scan# 95

Delta R.T. -0.01 min

Lab File: BG037897.D

Acq: 8 Nov 2018 22:29

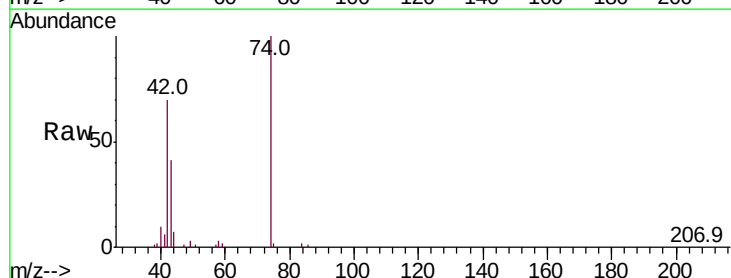
Tgt Ion: 42 Resp: 52567

Ion Ratio Lower Upper

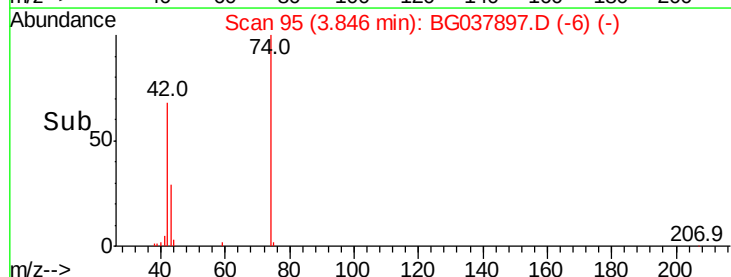
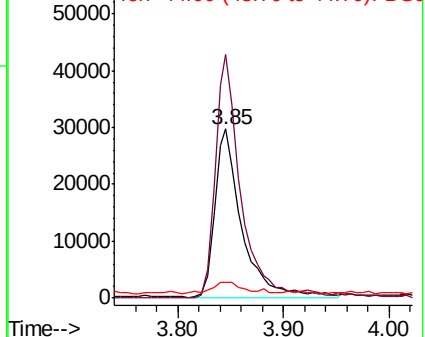
42 100

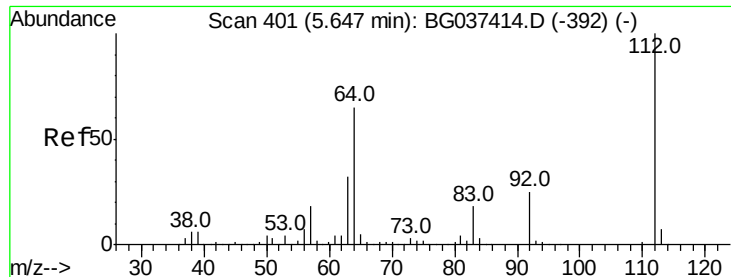
74 143.8 102.0 153.0

44 9.5 9.6 14.4#



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: 142.021 ng

RT: 5.64 min Scan# 400

Delta R.T. -0.01 min

Lab File: BG037897.D

Acq: 8 Nov 2018 22:29

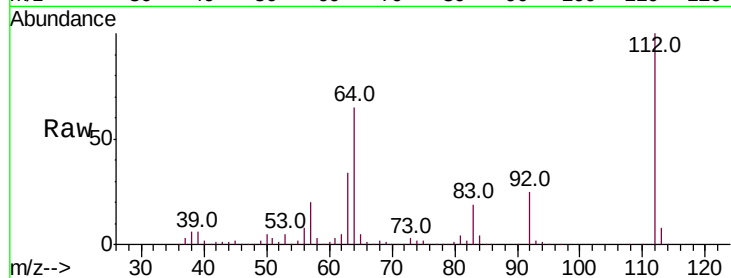
Tot Ion: 112 Resp: 368931

Ion Ratio Lower Upper

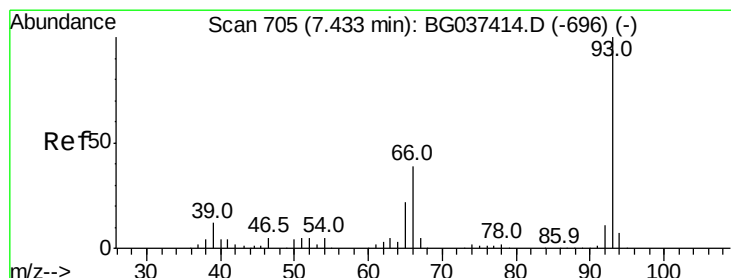
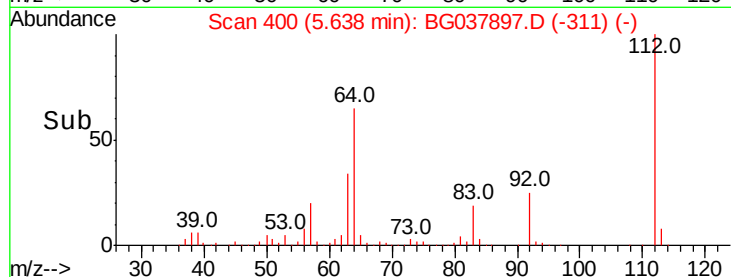
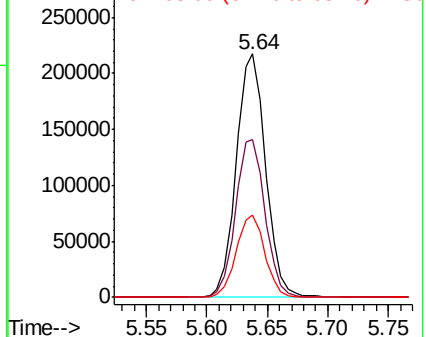
112 100

64 64.9 53.1 79.7

63 33.8 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 32.477 ng

RT: 7.42 min Scan# 703

Delta R.T. -0.02 min

Lab File: BG037897.D

Acq: 8 Nov 2018 22:29

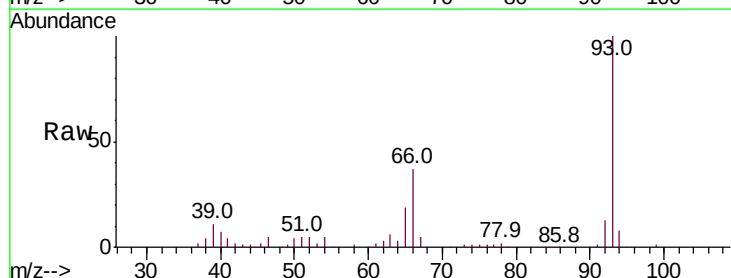
Tgt Ion: 93 Resp: 155627

Ion Ratio Lower Upper

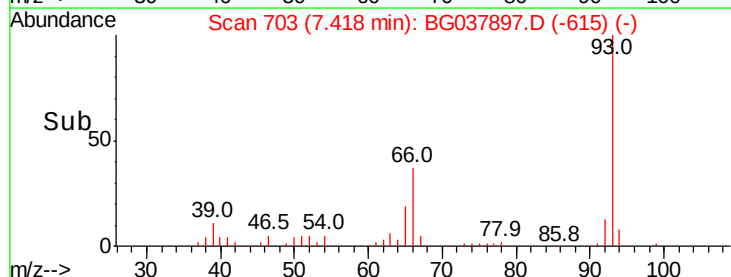
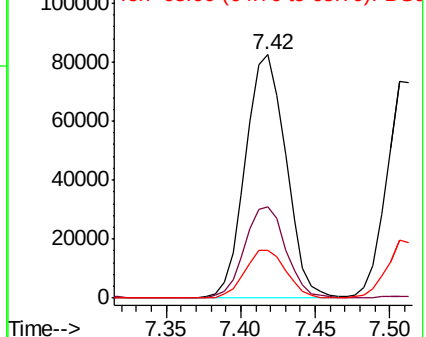
93 100

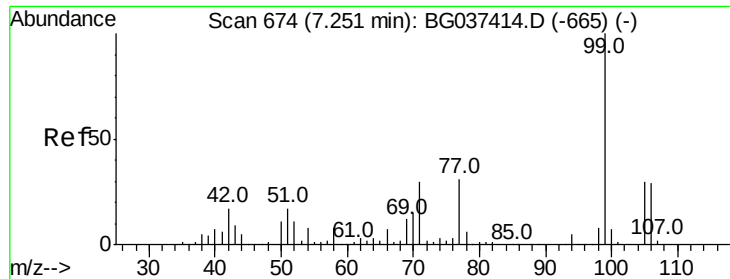
66 37.3 32.8 49.2

65 19.5 16.4 24.6



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: 132.280 ng

RT: 7.24 min Scan# 673

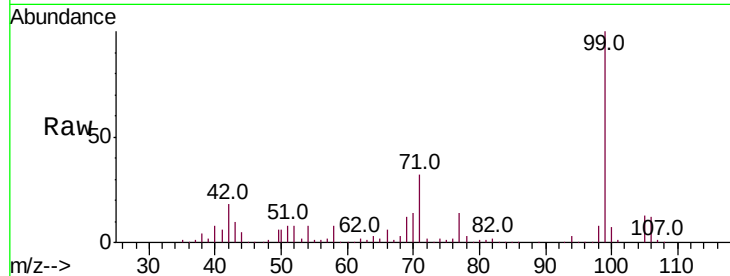
Delta R.T. -0.01 min

Lab File: BG037897.D

Acq: 8 Nov 2018 22:29

Tot Ion: 99 Resp: 519607

Ion	Ratio	Lower	Upper
99	100		
42	18.2	15.0	22.4
71	32.0	25.5	38.3

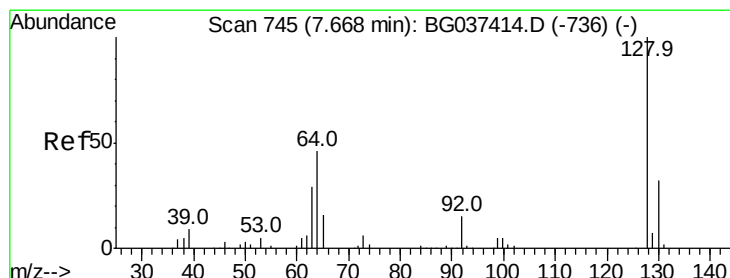
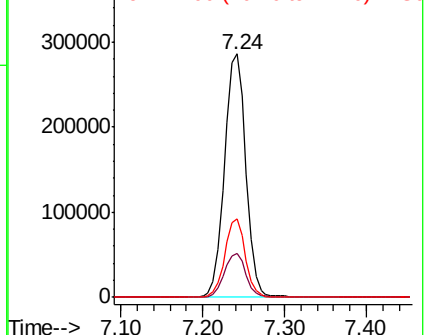
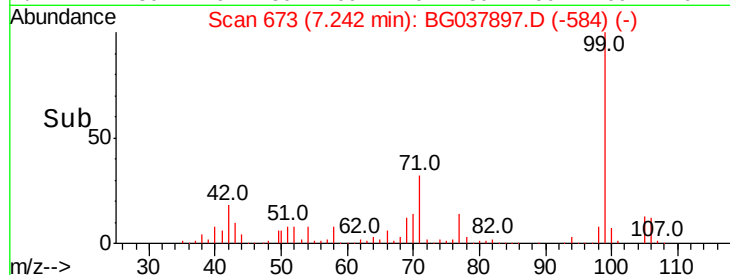


Abundance

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: 46.922 ng

RT: 7.65 min Scan# 743

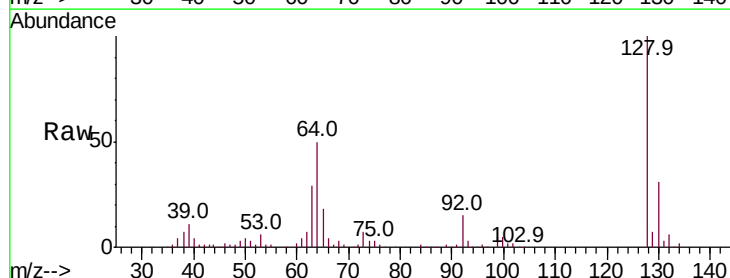
Delta R.T. -0.02 min

Lab File: BG037897.D

Acq: 8 Nov 2018 22:29

Tgt Ion: 128 Resp: 142593

Ion	Ratio	Lower	Upper
128	100		
130	30.8	12.0	52.0
64	49.8	32.9	72.9

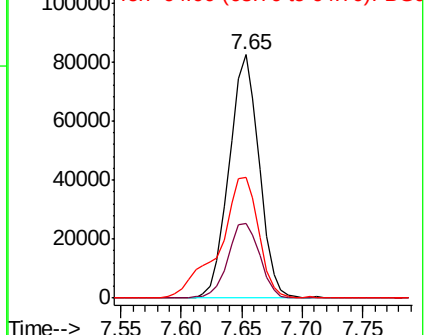
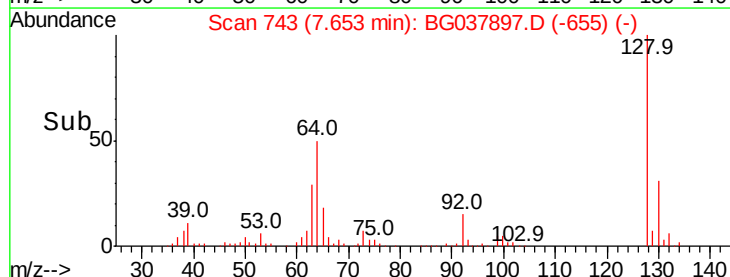


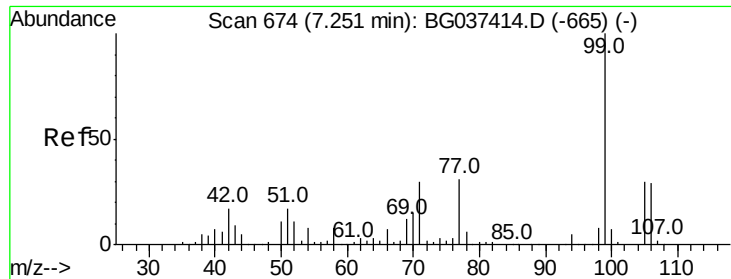
Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 41.554 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.02 min

Lab File: BG037897.D

Acq: 8 Nov 2018 22:29

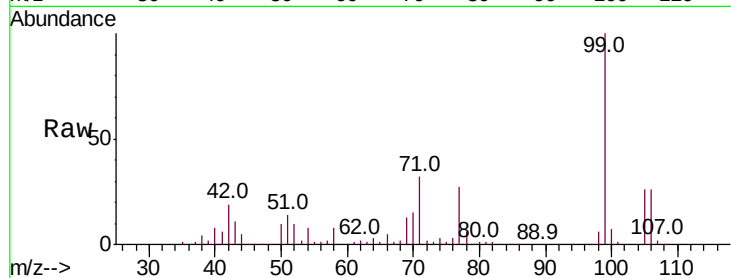
Tot Ion: 77 Resp: 102104

Ion Ratio Lower Upper

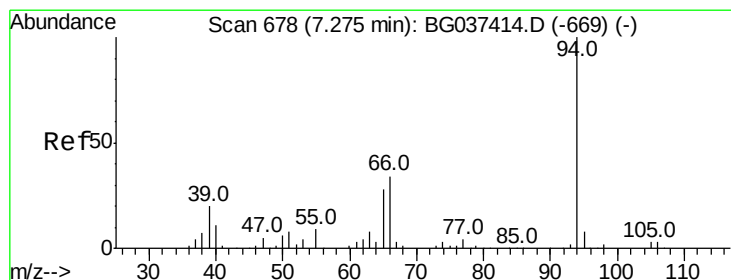
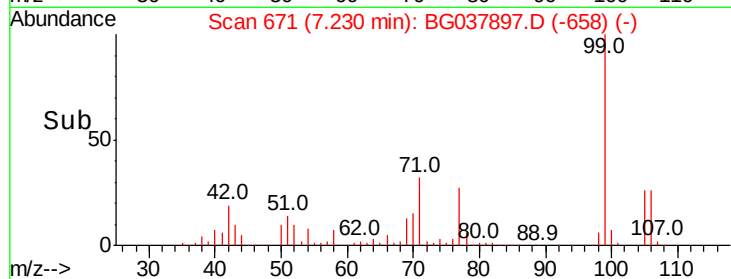
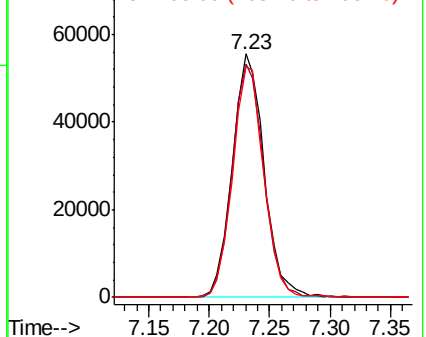
77 100

105 96.0 72.6 112.6

106 94.8 71.3 111.3



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: 45.157 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037897.D

Acq: 8 Nov 2018 22:29

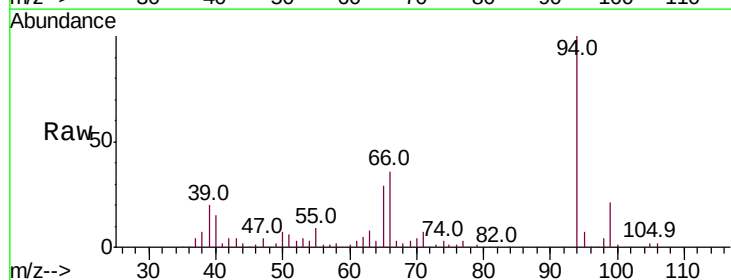
Tgt Ion: 94 Resp: 187156

Ion Ratio Lower Upper

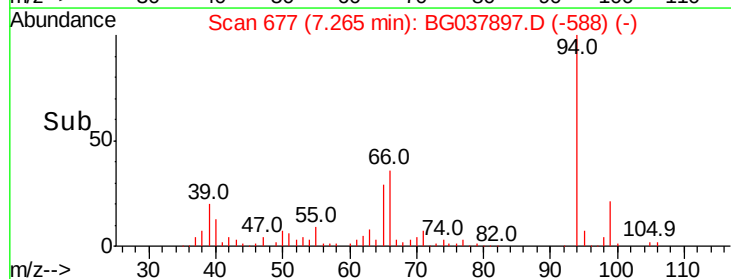
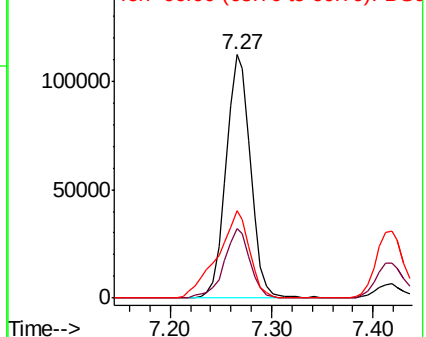
94 100

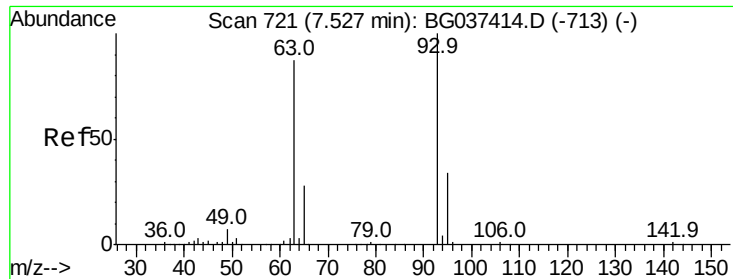
65 28.6 9.7 49.7

66 36.1 15.9 55.9



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: 40.399 ng

RT: 7.51 min Scan# 718

Delta R.T. -0.02 min

Lab File: BG037897.D

Acq: 8 Nov 2018 22:29

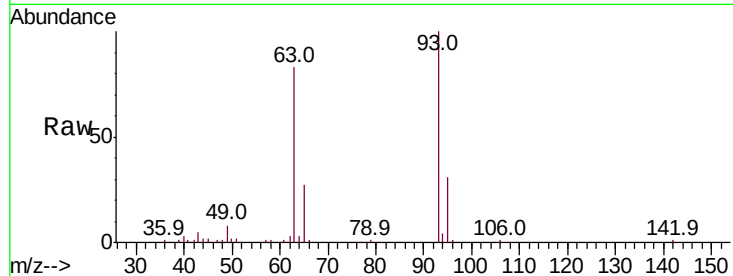
Tot Ion: 93 Resp: 127168

Ion Ratio Lower Upper

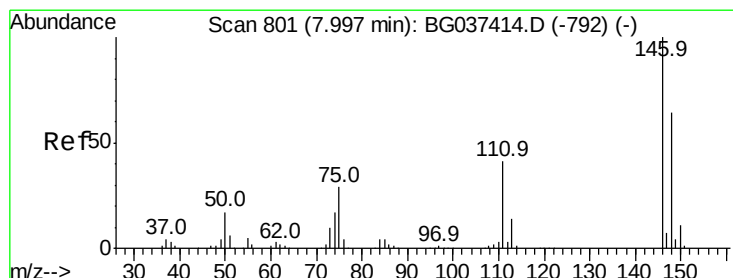
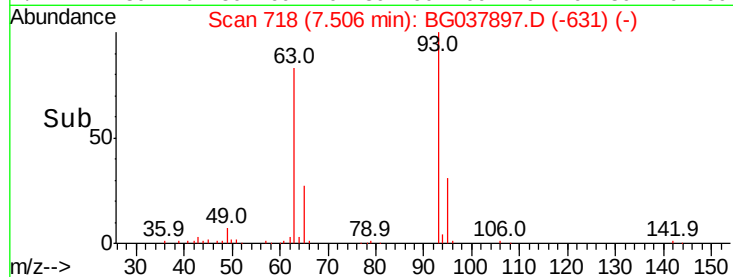
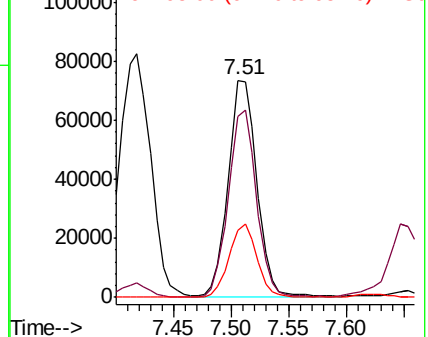
93 100

63 83.4 69.5 109.5

95 31.0 12.6 52.6



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 42.017 ng

RT: 7.98 min Scan# 798

Delta R.T. -0.02 min

Lab File: BG037897.D

Acq: 8 Nov 2018 22:29

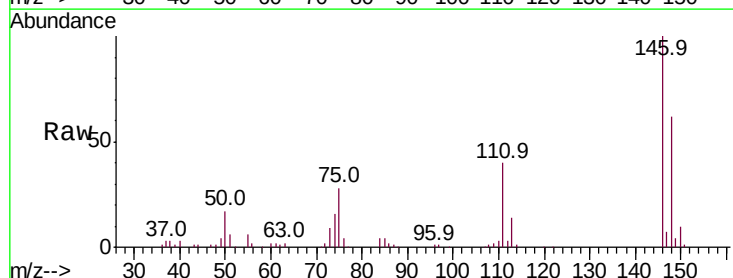
Tgt Ion: 146 Resp: 142151

Ion Ratio Lower Upper

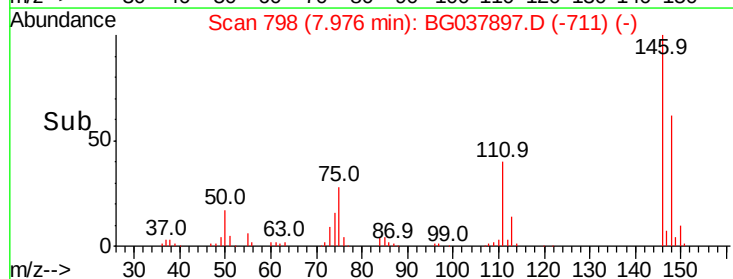
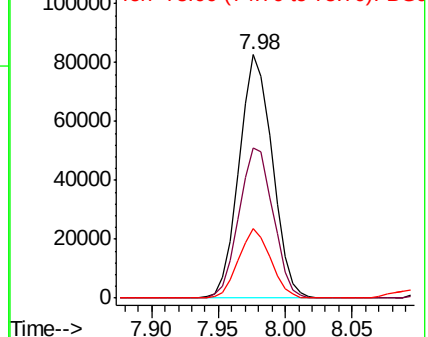
146 100

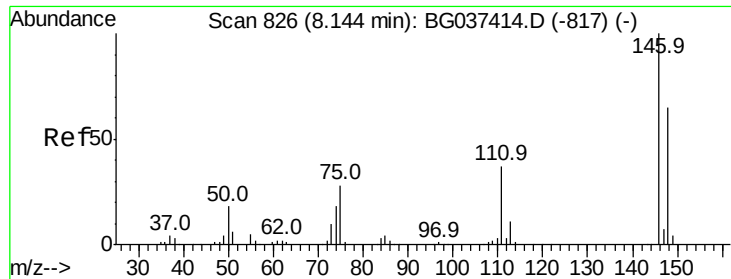
148 61.8 49.8 74.8

75 28.4 23.2 34.8



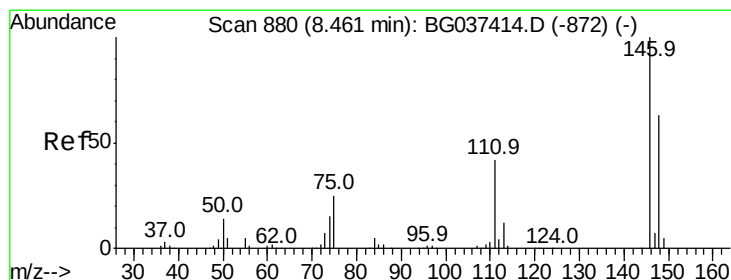
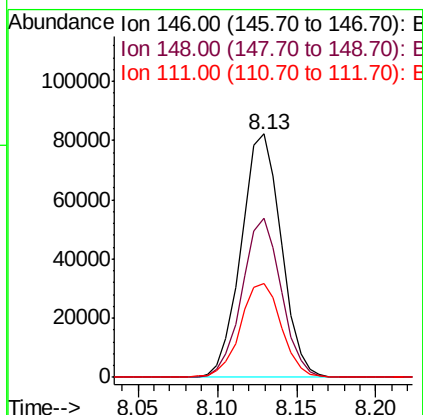
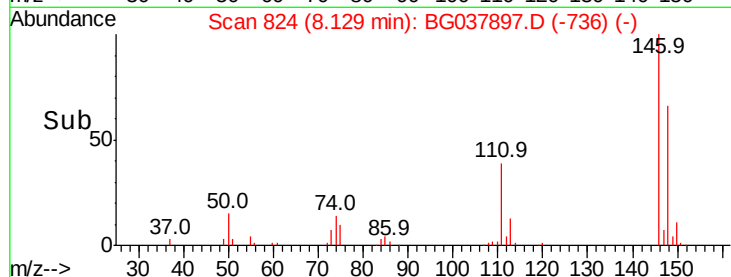
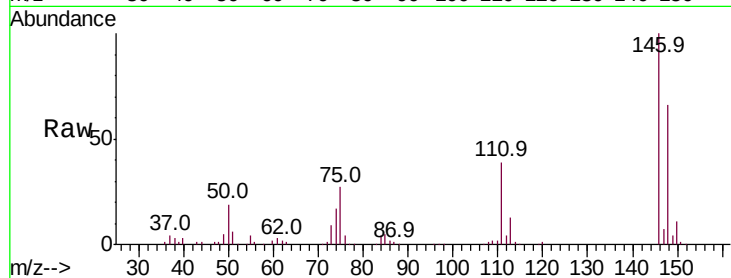
Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BGC





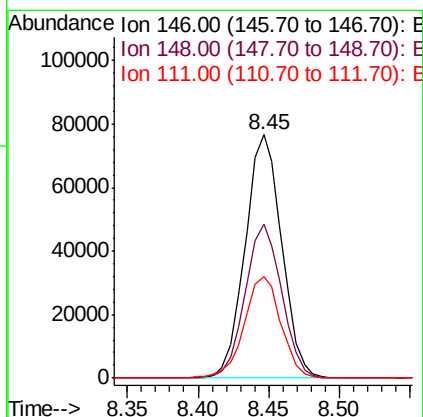
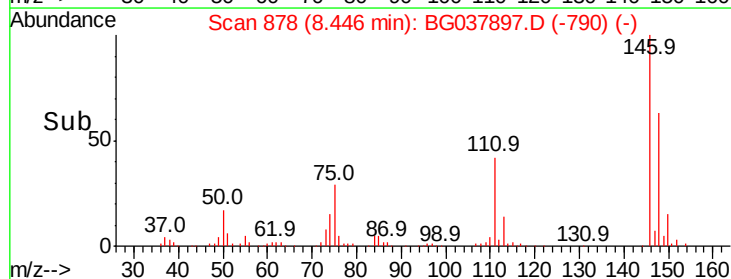
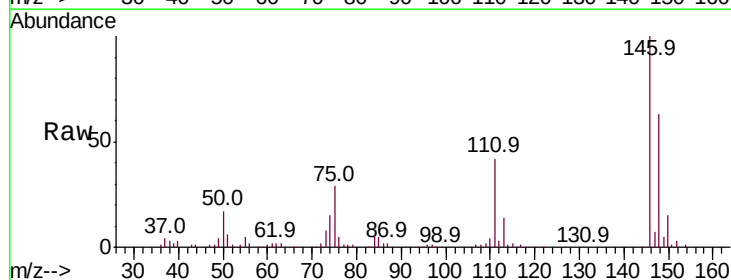
#13
1,4-Dichlorobenzene
Concen: 41.672 ng
RT: 8.13 min Scan# 824
Delta R.T. -0.02 min
Lab File: BG037897.D
Acq: 8 Nov 2018 22:29

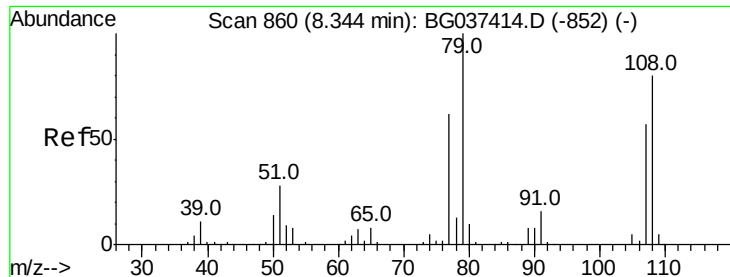
Tot Ion:146 Resp: 144211
Ion Ratio Lower Upper
146 100
148 65.5 51.0 76.6
111 38.6 32.4 48.6



#14
1,2-Dichlorobenzene
Concen: 41.774 ng
RT: 8.45 min Scan# 878
Delta R.T. -0.02 min
Lab File: BG037897.D
Acq: 8 Nov 2018 22:29

Tgt Ion:146 Resp: 139064
Ion Ratio Lower Upper
146 100
148 63.2 50.4 75.6
111 41.7 34.6 51.8





#15

Benzyl Alcohol

Concen: 40.975 ng

RT: 8.33 min Scan# 858

Delta R.T. -0.02 min

Lab File: BG037897.D

Acq: 8 Nov 2018 22:29

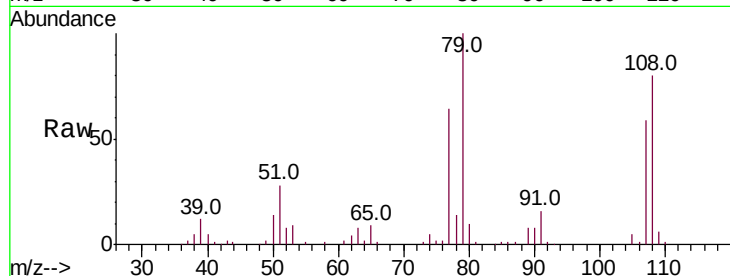
Tot Ion: 79 Resp: 118926

Ion Ratio Lower Upper

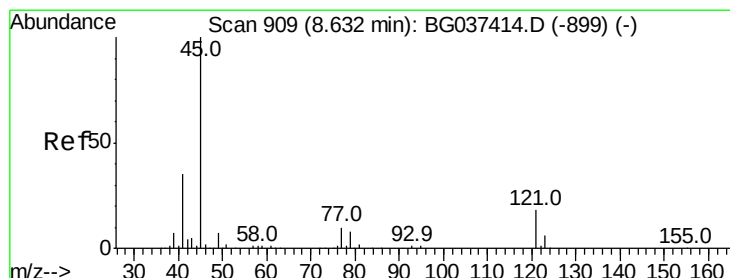
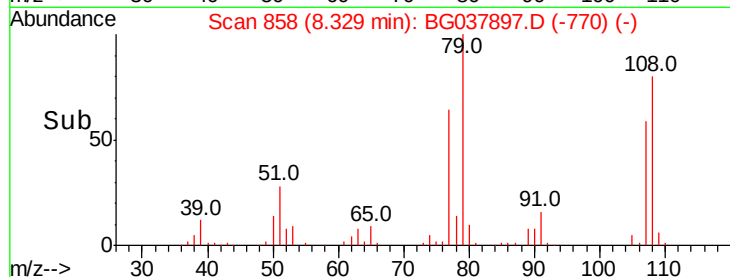
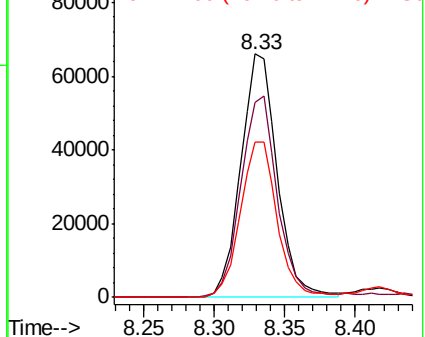
79 100

108 80.2 65.8 98.8

77 63.9 52.9 79.3



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: 40.929 ng

RT: 8.61 min Scan# 906

Delta R.T. -0.02 min

Lab File: BG037897.D

Acq: 8 Nov 2018 22:29

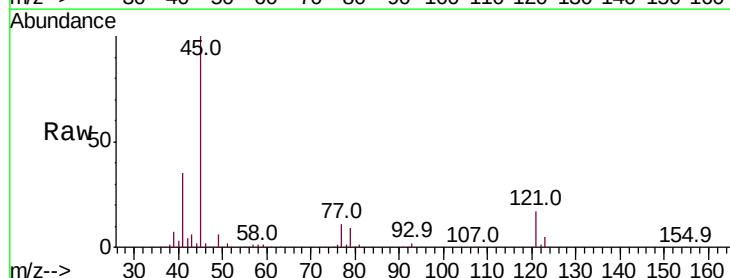
Tgt Ion: 45 Resp: 230525

Ion Ratio Lower Upper

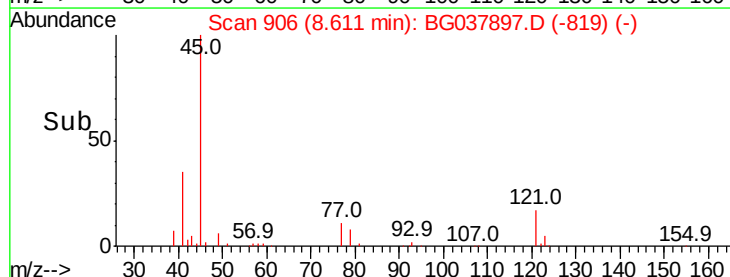
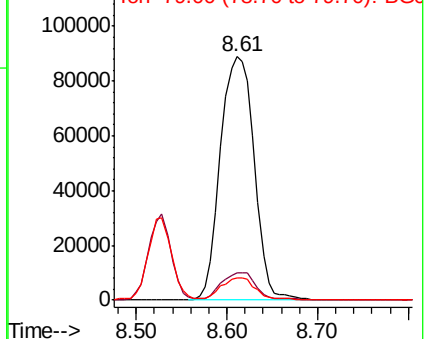
45 100

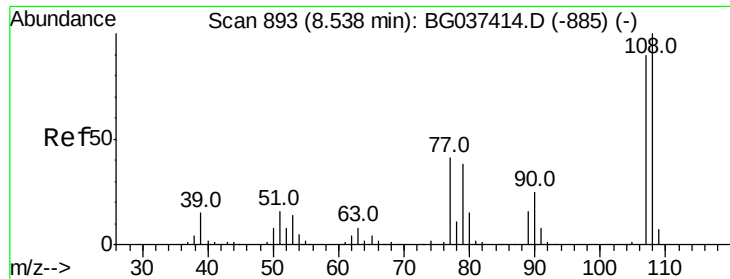
77 11.3 0.0 30.0

79 9.0 0.0 29.0



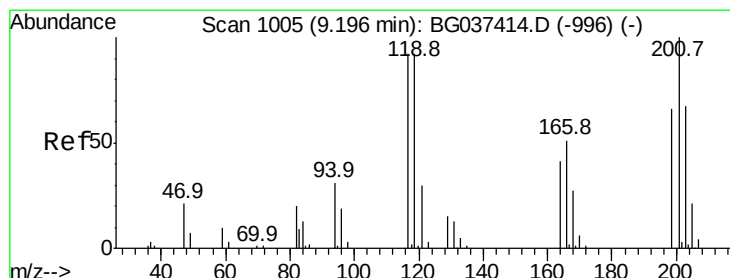
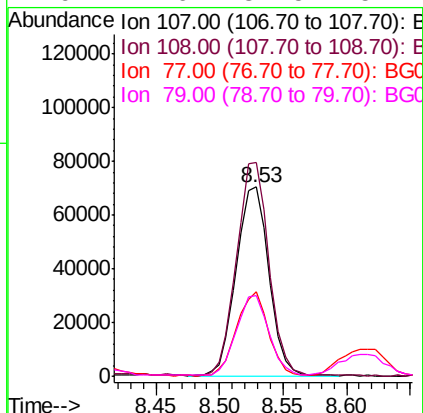
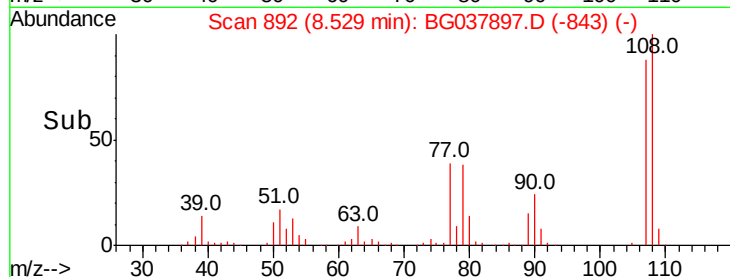
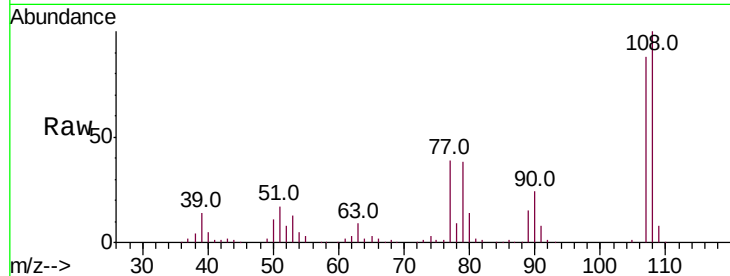
Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





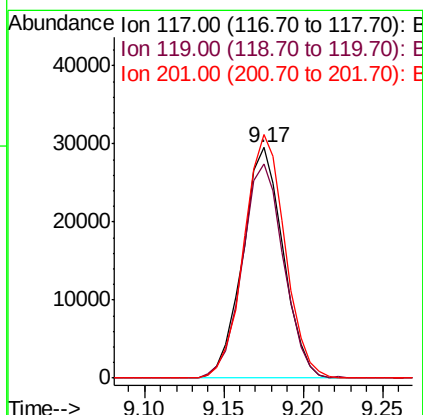
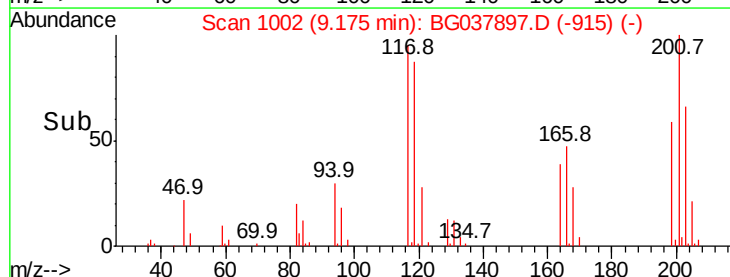
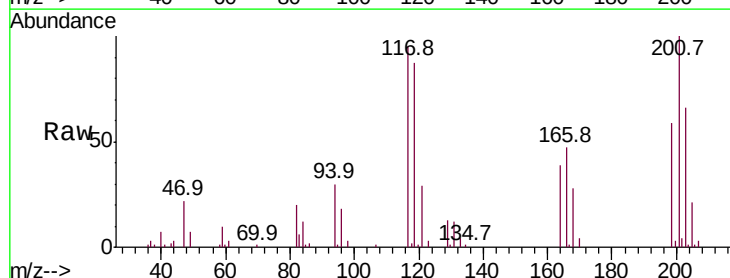
#17
2-Methylphenol
Concen: 45.991 ng
RT: 8.53 min Scan# 892
Delta R.T. -0.01 min
Lab File: BG037897.D
Acq: 8 Nov 2018 22:29

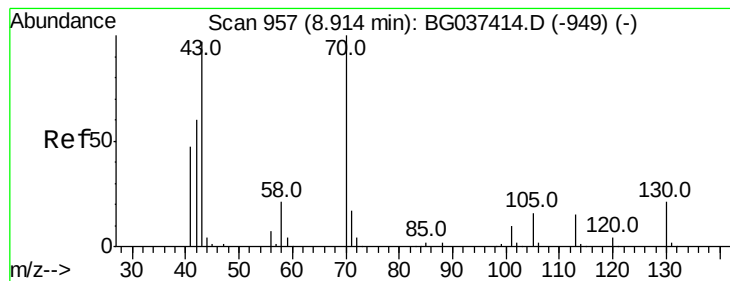
Tot Ion:	107	Resp:	126017
Ion	Ratio	Lower	Upper
107	100		
108	113.1	87.9	131.9
77	44.5	35.1	52.7
79	42.6	34.5	51.7



#18
Hexachloroethane
Concen: 44.190 ng
RT: 9.17 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG037897.D
Acq: 8 Nov 2018 22:29

Tgt Ion:	117	Resp:	52136
Ion	Ratio	Lower	Upper
117	100		
119	93.3	74.6	111.8
201	110.0	80.8	121.2





#19

n-Nitroso-di-n-propylamine

Concen: 37.858 ng

RT: 8.89 min Scan# 954

Delta R.T. -0.02 min

Lab File: BG037897.D

Acq: 8 Nov 2018 22:29

Tot Ion: 70 Resp: 102403

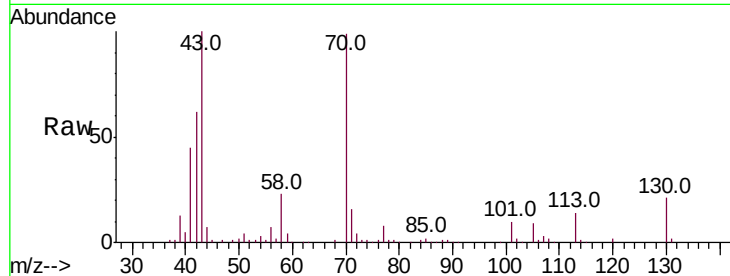
Ion Ratio Lower Upper

70 100

42 62.4 53.9 80.9

101 10.3 8.2 12.2

130 21.4 18.2 27.4

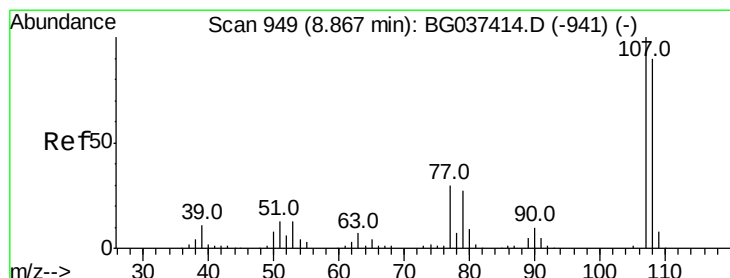
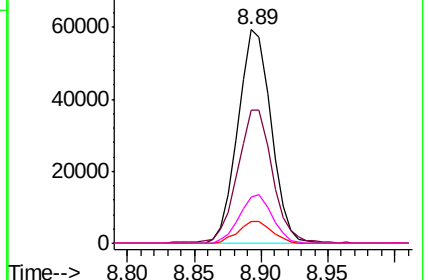
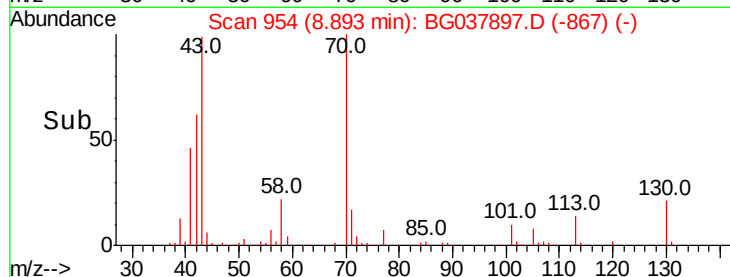


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 46.288 ng

RT: 8.85 min Scan# 947

Delta R.T. -0.02 min

Lab File: BG037897.D

Acq: 8 Nov 2018 22:29

Tgt Ion:107 Resp: 181334

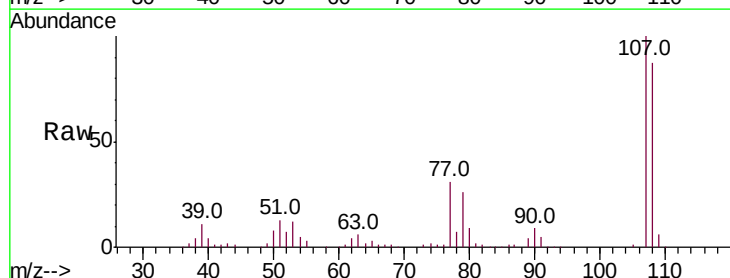
Ion Ratio Lower Upper

107 100

108 86.9 69.9 109.9

77 31.3 11.2 51.2

79 26.3 6.6 46.6

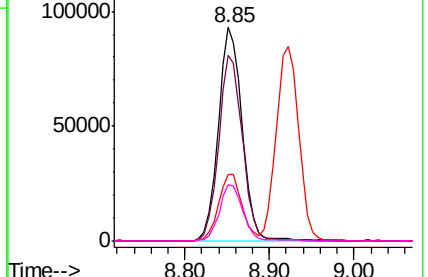
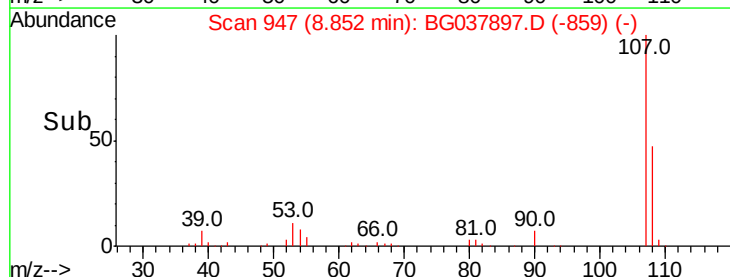


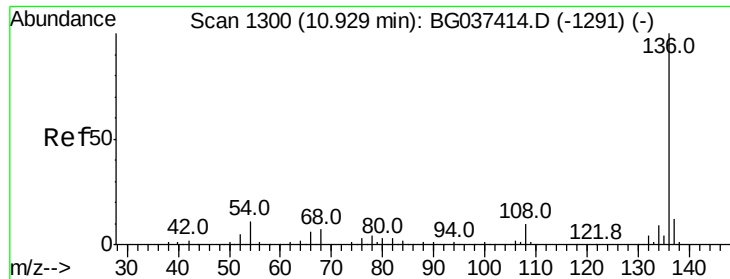
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

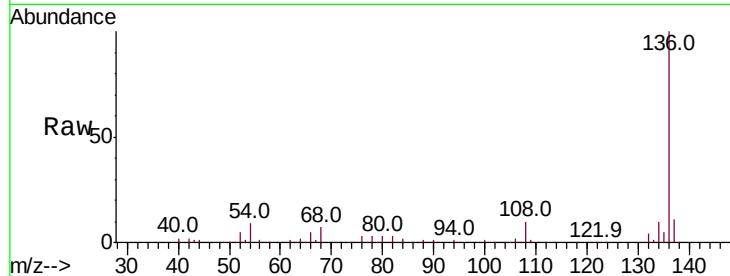
Ion 79.00 (78.70 to 79.70): BGC





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BG037897.D
Acq: 8 Nov 2018 22:29

Tot Ion:136	Resp:	193814
Ion Ratio	Lower	Upper
136 100		
137 10.8	9.6	14.4
54 8.8	7.9	11.9
68 6.7	4.8	7.2



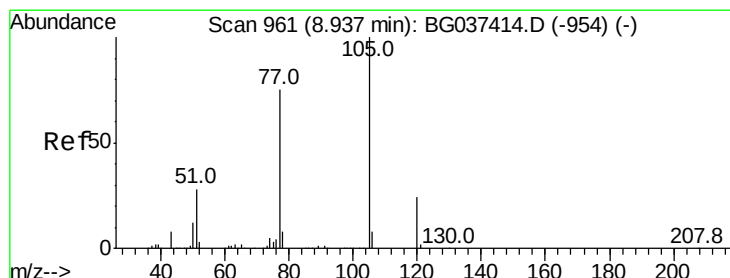
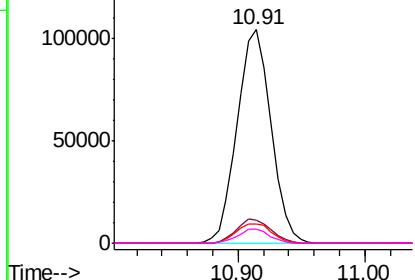
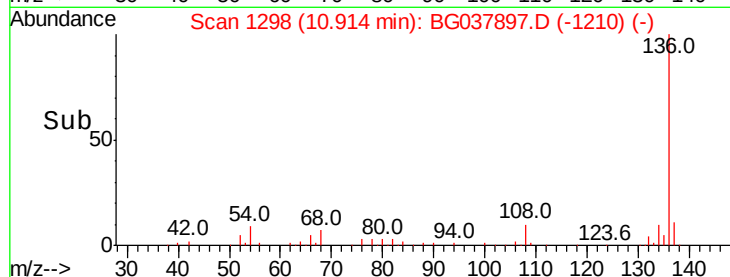
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

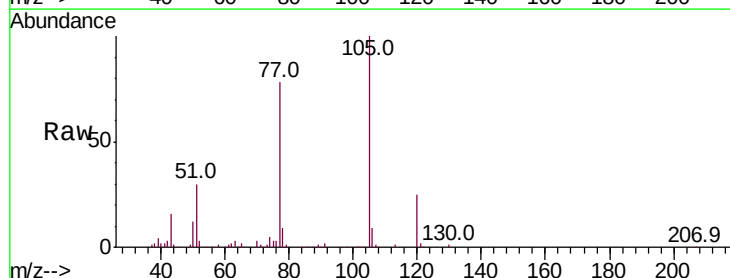
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 41.323 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.02 min
Lab File: BG037897.D
Acq: 8 Nov 2018 22:29

Tgt	Ion:105	Resp:	200863
Ion	Ratio	Lower	Upper
105	100		
71	0.7	1.2	1.8#
51	30.0	25.0	37.6
120	25.2	18.6	28.0



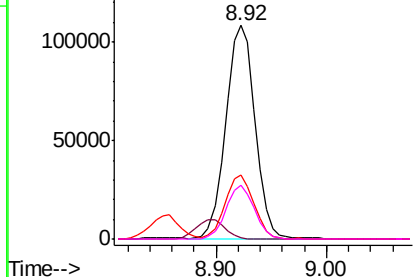
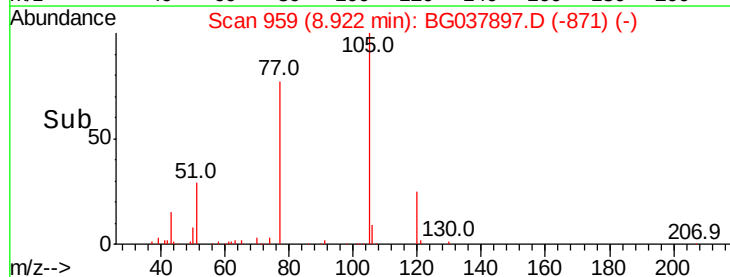
Abundance

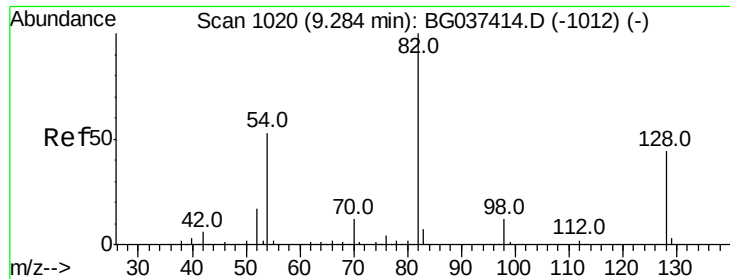
Ion 105.00 (104.70 to 105.70): E

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: 67.972 ng

RT: 9.27 min Scan# 1018

Delta R.T. -0.02 min

Lab File: BG037897.D

Acq: 8 Nov 2018 22:29

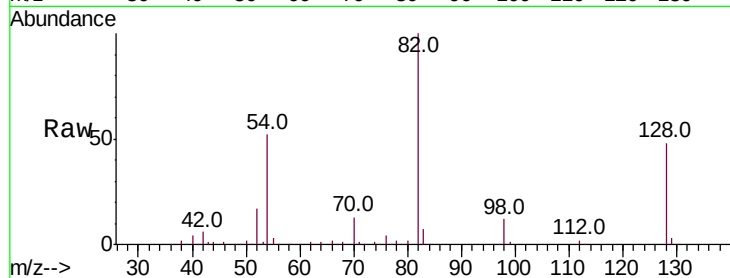
Tot Ion: 82 Resp: 235168

Ion Ratio Lower Upper

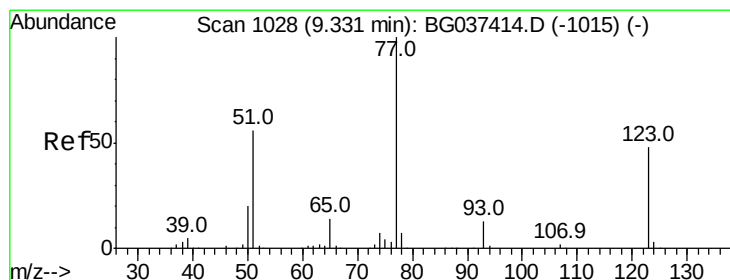
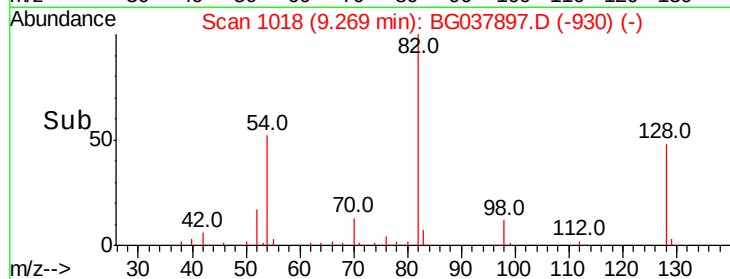
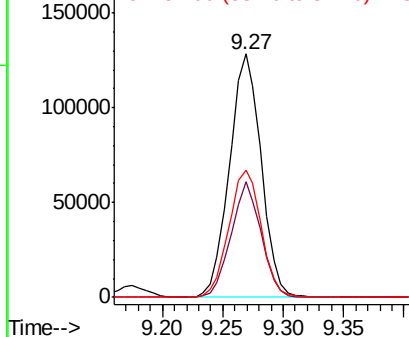
82 100

128 47.7 34.6 51.8

54 52.0 45.3 67.9



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: 45.214 ng

RT: 9.31 min Scan# 1025

Delta R.T. -0.02 min

Lab File: BG037897.D

Acq: 8 Nov 2018 22:29

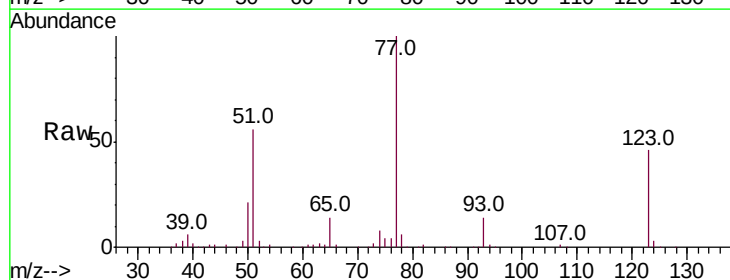
Tgt Ion: 77 Resp: 162507

Ion Ratio Lower Upper

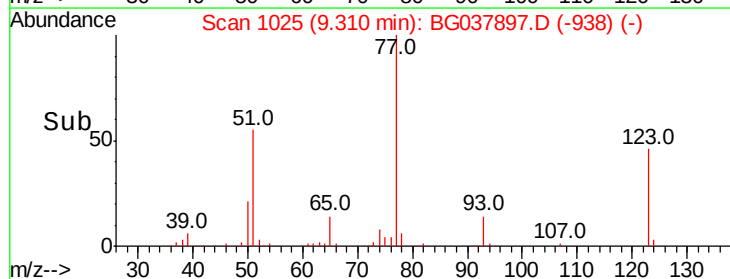
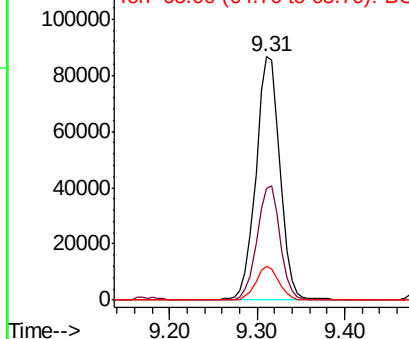
77 100

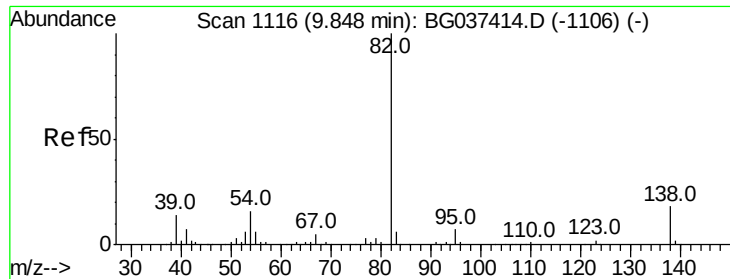
123 45.7 33.6 50.4

65 13.9 11.3 16.9



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: 46.910 ng

RT: 9.83 min Scan# 1113

Delta R.T. -0.02 min

Lab File: BG037897.D

Acq: 8 Nov 2018 22:29

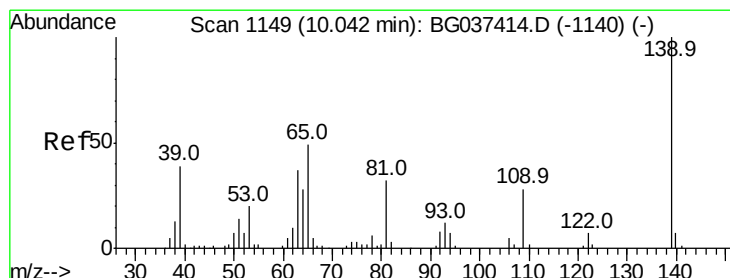
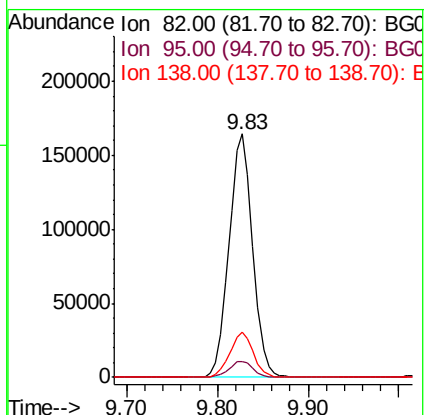
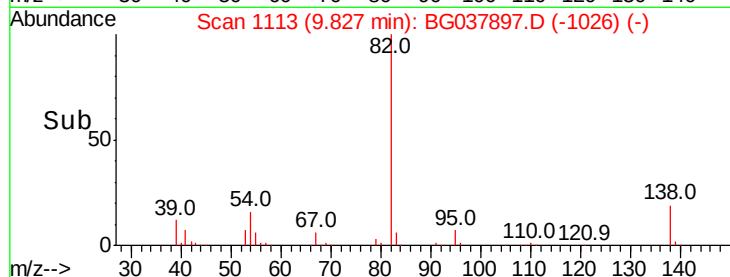
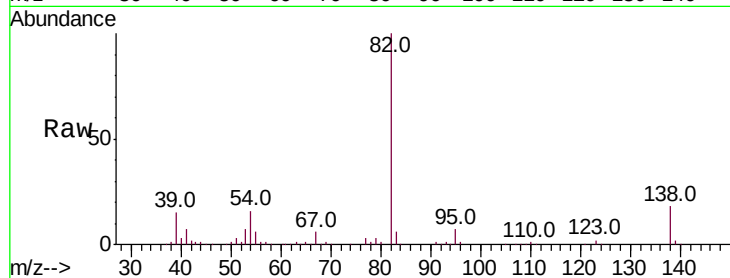
Tot Ion: 82 Resp: 296547

Ion Ratio Lower Upper

82 100

95 6.6 5.3 7.9

138 18.5 13.3 19.9



#26

2-Nitrophenol

Concen: 50.724 ng

RT: 10.02 min Scan# 1146

Delta R.T. -0.02 min

Lab File: BG037897.D

Acq: 8 Nov 2018 22:29

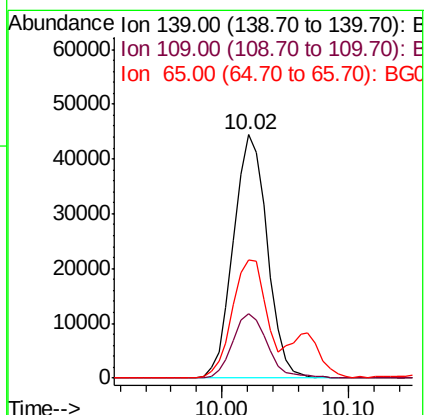
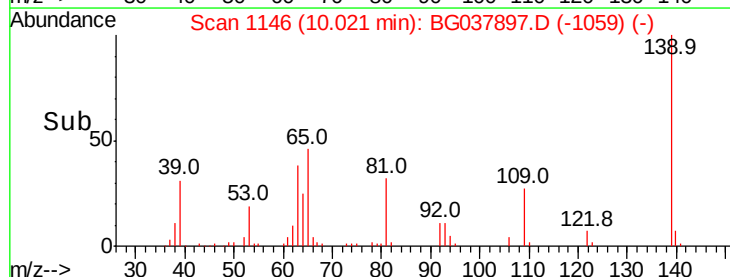
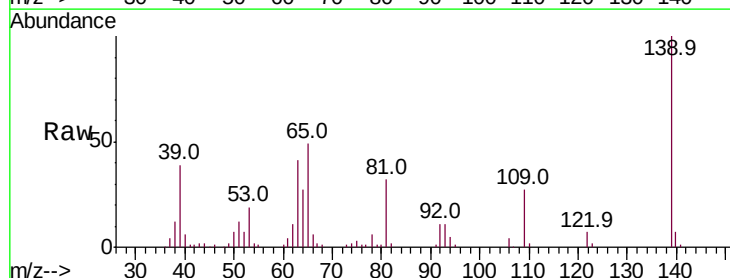
Tgt Ion: 139 Resp: 82130

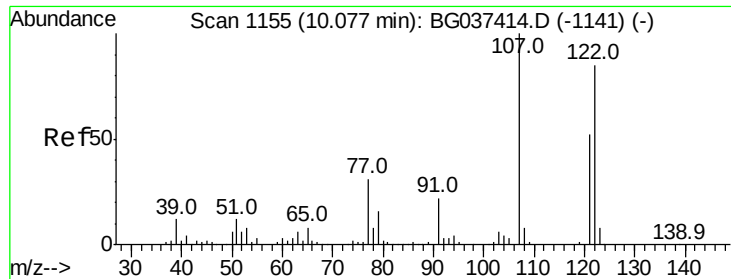
Ion Ratio Lower Upper

139 100

109 26.6 23.3 34.9

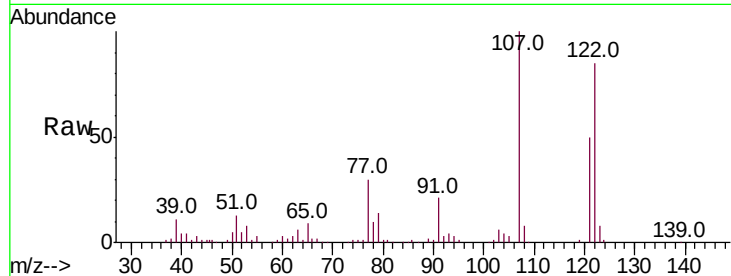
65 48.8 39.8 59.8



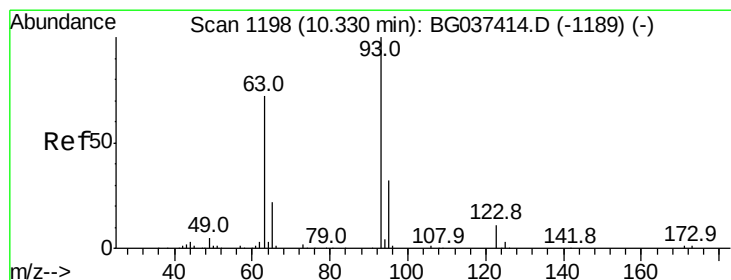
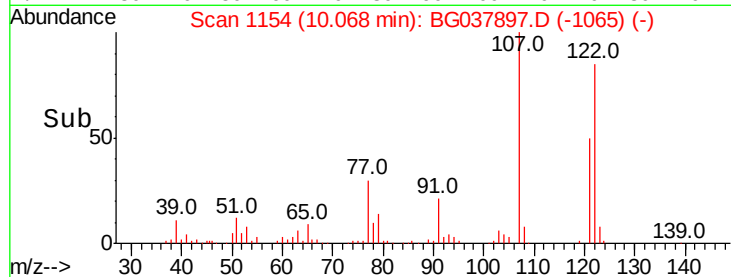
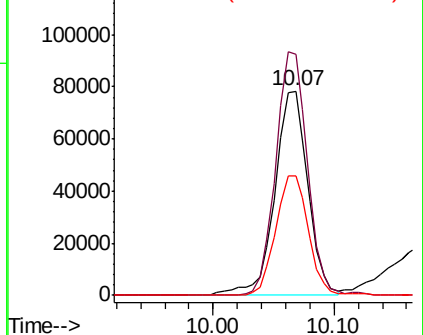


#27
2,4-Dimethylphenol
Concen: 51.138 ng
RT: 10.07 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BG037897.D
Acq: 8 Nov 2018 22:29

Tot Ion:122 Resp: 147839
Ion Ratio Lower Upper
122 100
107 117.6 94.2 141.2
121 58.4 47.3 70.9

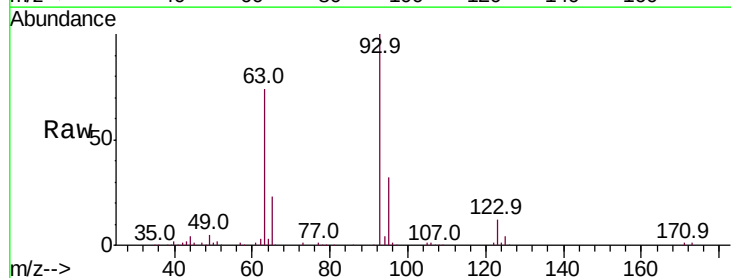


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

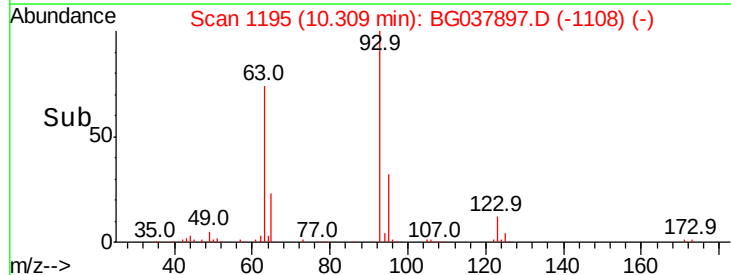
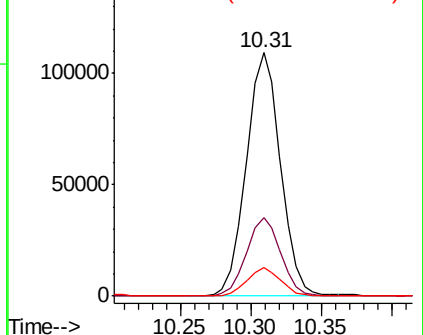


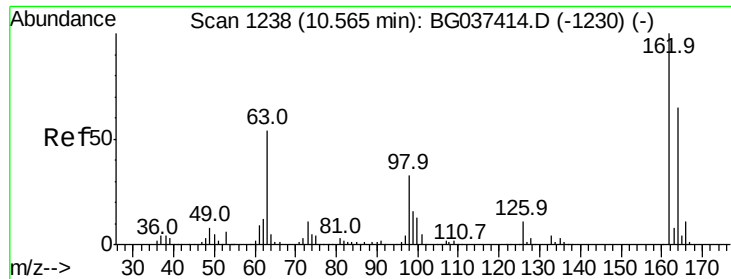
#28
bis(2-Chloroethoxy)methane
Concen: 44.945 ng
RT: 10.31 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BG037897.D
Acq: 8 Nov 2018 22:29

Tgt Ion: 93 Resp: 186155
Ion Ratio Lower Upper
93 100
95 32.4 24.6 37.0
123 11.7 9.1 13.7



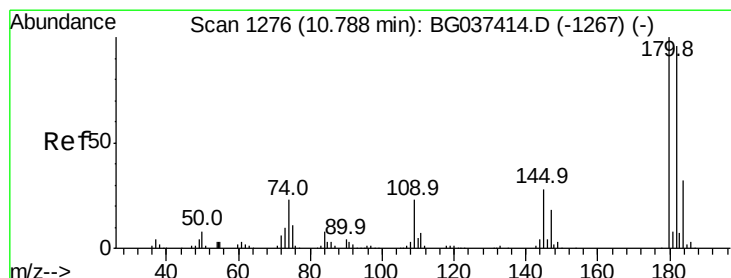
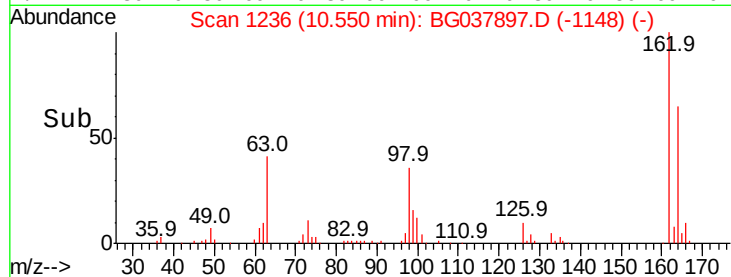
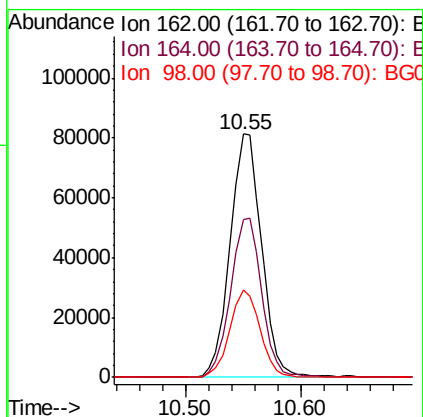
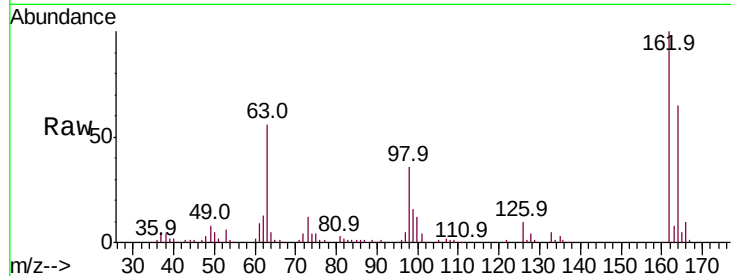
Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E





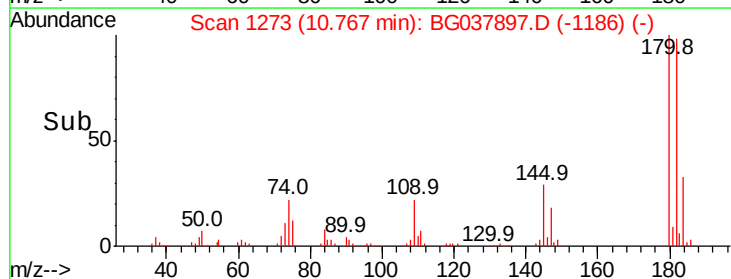
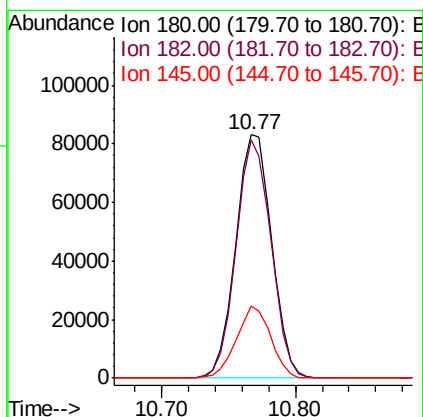
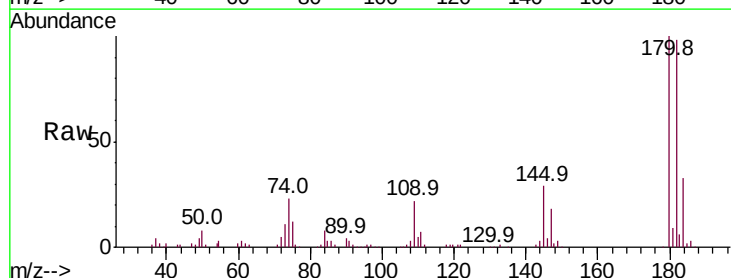
#29
 2,4-Dichlorophenol
 Concen: 47.793 ng
 RT: 10.55 min Scan# 1236
 Delta R.T. -0.02 min
 Lab File: BG037897.D
 Acq: 8 Nov 2018 22:29

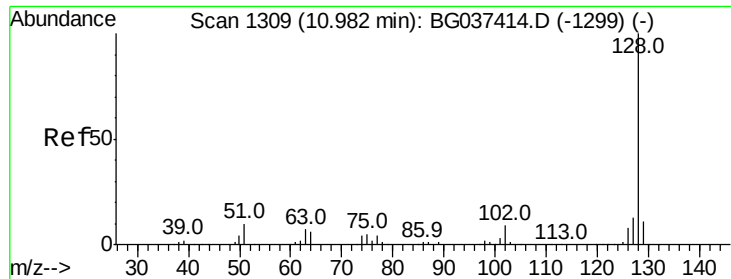
Tot Ion:	162	Resp:	153838
Ion	Ratio	Lower	Upper
162	100		
164	64.7	43.2	83.2
98	36.1	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 44.204 ng
 RT: 10.77 min Scan# 1273
 Delta R.T. -0.02 min
 Lab File: BG037897.D
 Acq: 8 Nov 2018 22:29

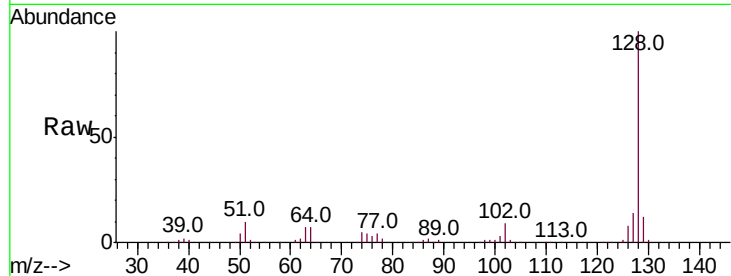
Tgt Ion:	180	Resp:	154731
Ion	Ratio	Lower	Upper
180	100		
182	98.1	77.7	116.5
145	29.5	23.3	34.9



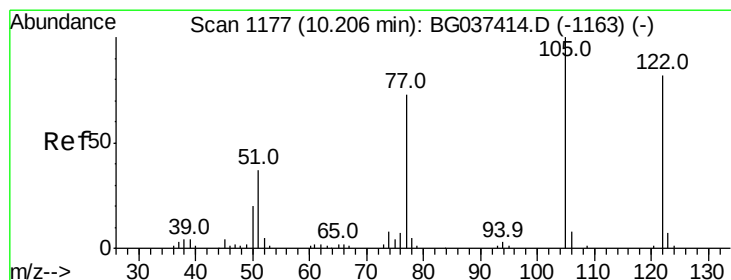
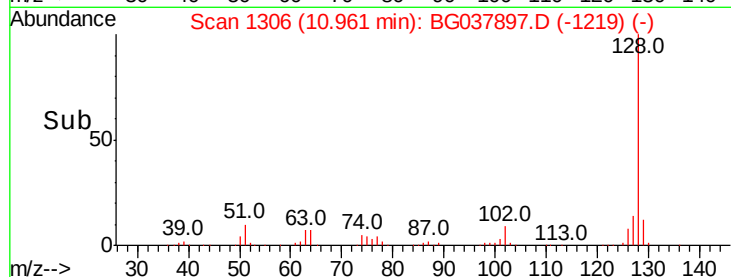
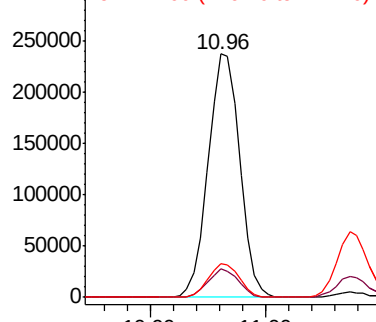


#31
Naphthalene
Concen: 47.337 ng
RT: 10.96 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BG037897.D
Acq: 8 Nov 2018 22:29

Tot Ion:128 Resp: 450636
Ion Ratio Lower Upper
128 100
129 11.8 9.0 13.6
127 13.9 11.1 16.7

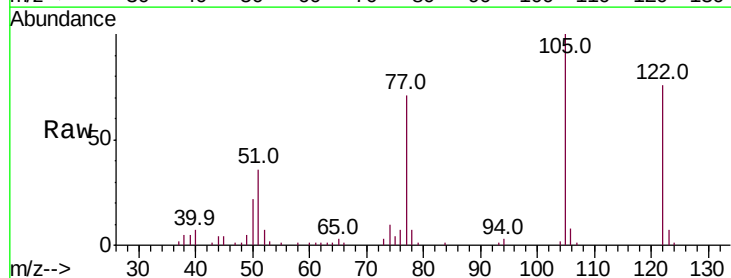


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

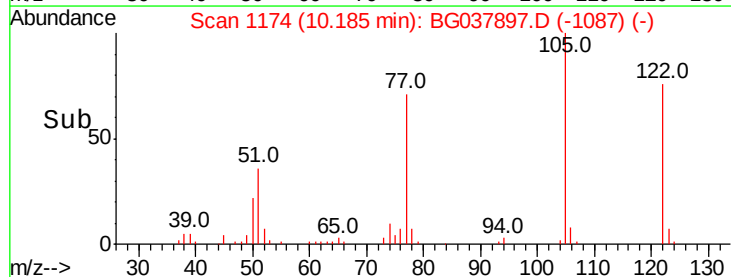
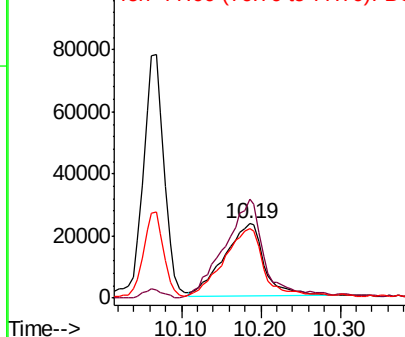


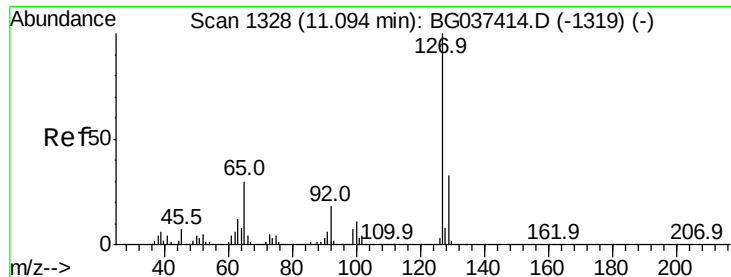
#32
Benzoic acid
Concen: 44.283 ng
RT: 10.19 min Scan# 1174
Delta R.T. -0.02 min
Lab File: BG037897.D
Acq: 8 Nov 2018 22:29

Tgt Ion:122 Resp: 83151
Ion Ratio Lower Upper
122 100
105 132.4 106.7 146.7
77 94.3 72.2 112.2



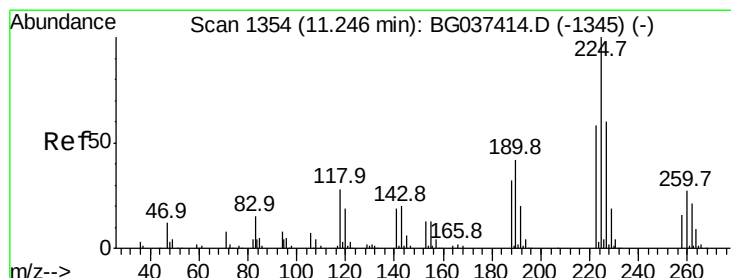
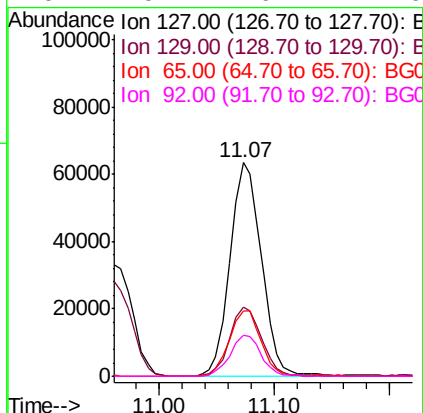
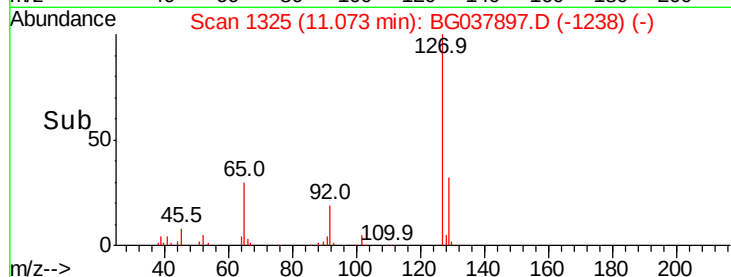
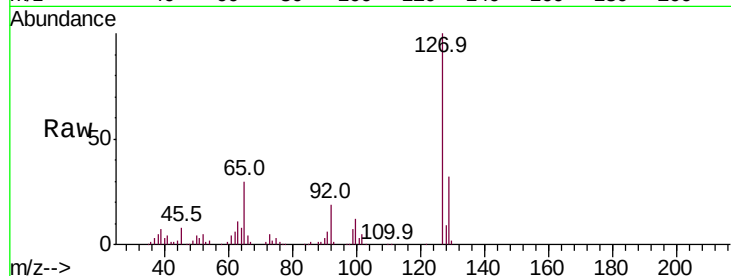
Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG





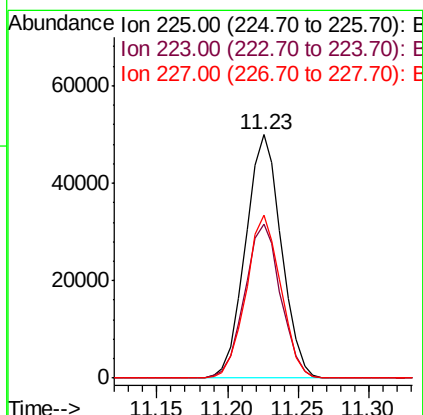
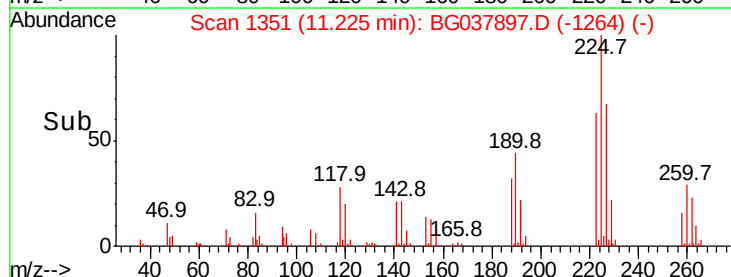
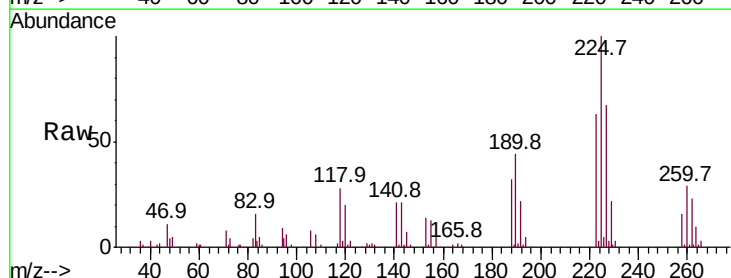
#33
4-Chloroaniline
Concen: 26.837 ng
RT: 11.07 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BG037897.D
Acq: 8 Nov 2018 22:29

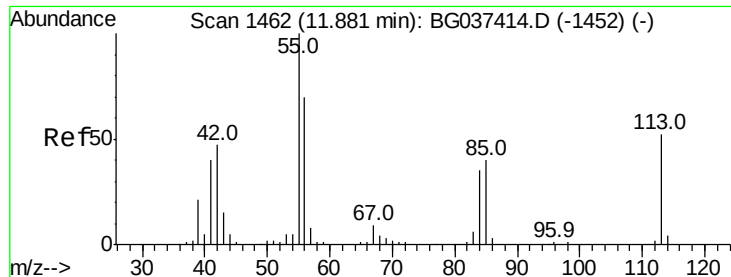
Tot Ion:	127	Resp:	120039
Ion	Ratio	Lower	Upper
127	100		
129	32.1	27.1	40.7
65	30.5	26.6	39.8
92	19.2	16.4	24.6



#34
Hexachlorobutadiene
Concen: 42.784 ng
RT: 11.23 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BG037897.D
Acq: 8 Nov 2018 22:29

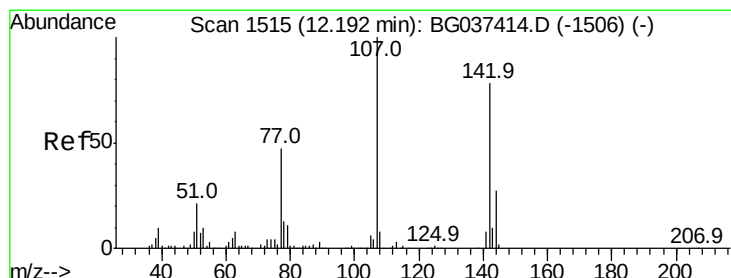
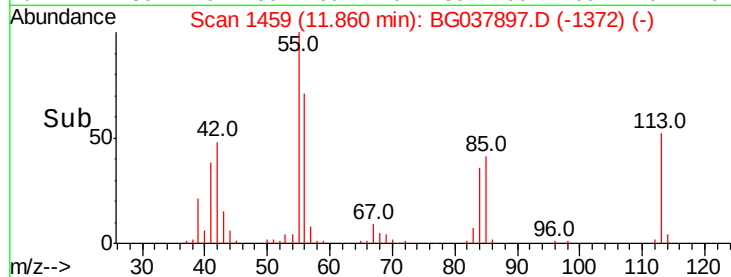
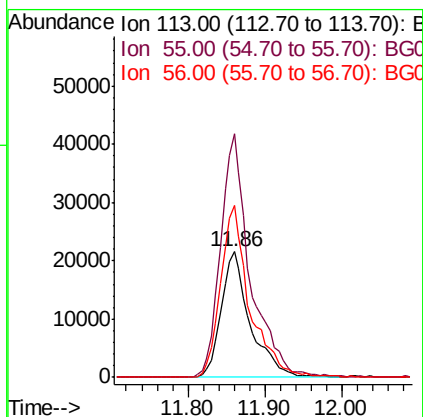
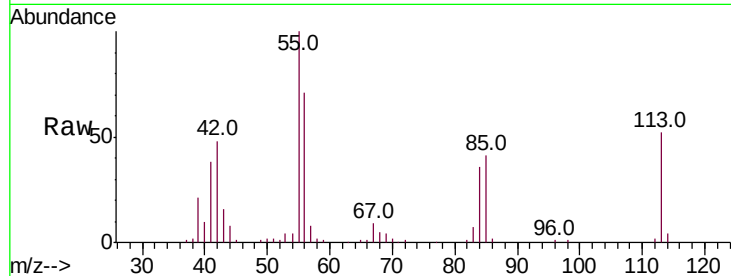
Tgt Ion:	225	Resp:	88760
Ion	Ratio	Lower	Upper
225	100		
223	60.5	48.2	72.4
227	67.2	51.6	77.4





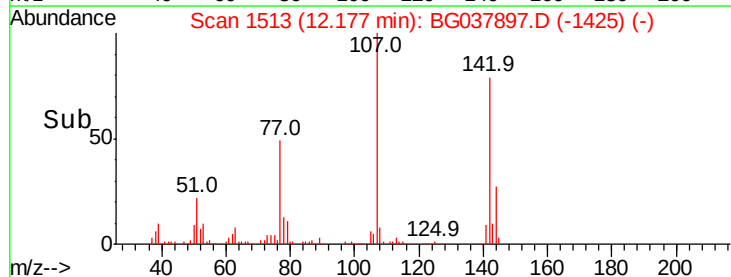
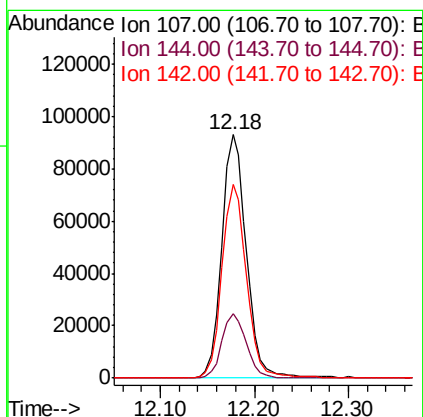
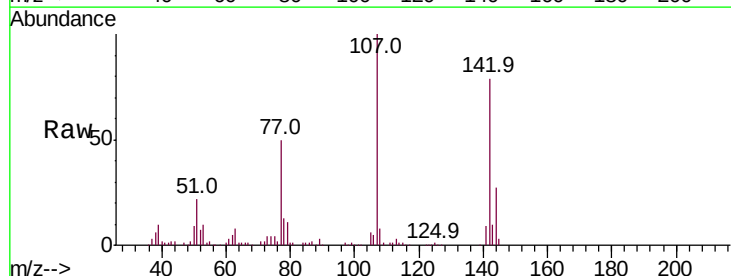
#35
 Caprolactam
 Concen: 43.754 ng
 RT: 11.86 min Scan# 1459
 Delta R.T. -0.02 min
 Lab File: BG037897.D
 Acq: 8 Nov 2018 22:29

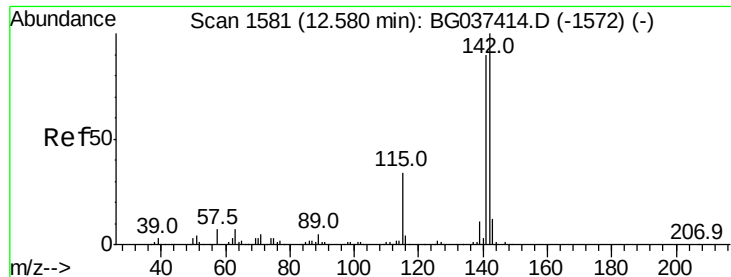
Tot Ion:113 Resp: 56484
 Ion Ratio Lower Upper
 113 100
 55 194.0 176.6 216.6
 56 137.1 128.3 168.3



#36
 4-Chloro-3-methylphenol
 Concen: 46.650 ng
 RT: 12.18 min Scan# 1513
 Delta R.T. -0.02 min
 Lab File: BG037897.D
 Acq: 8 Nov 2018 22:29

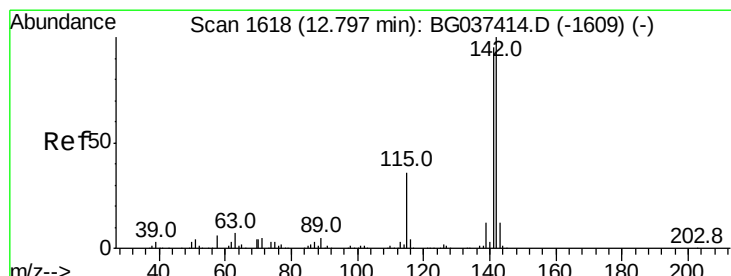
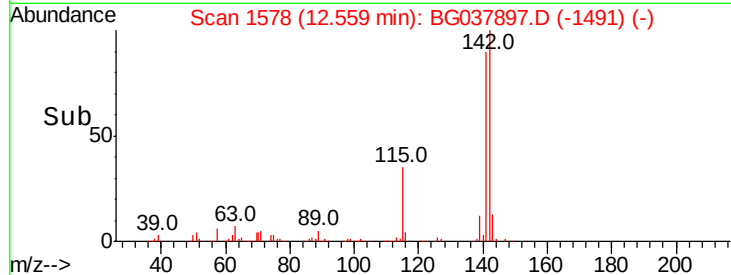
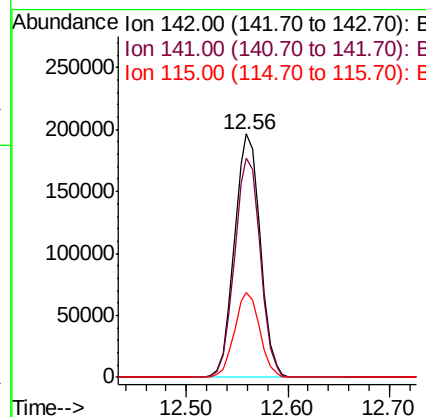
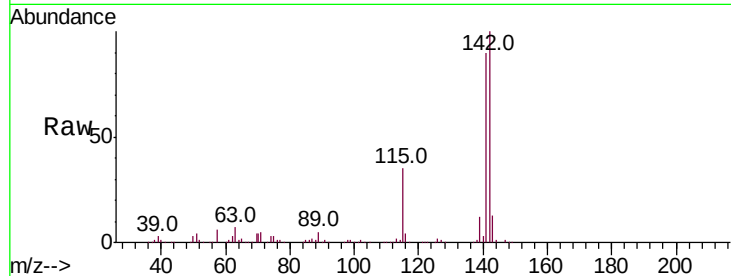
Tgt Ion:107 Resp: 169344
 Ion Ratio Lower Upper
 107 100
 144 26.6 20.7 31.1
 142 79.4 64.4 96.6





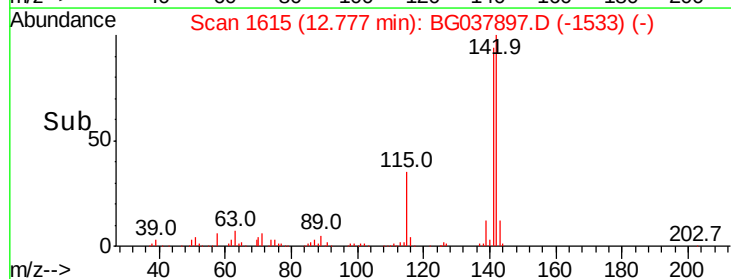
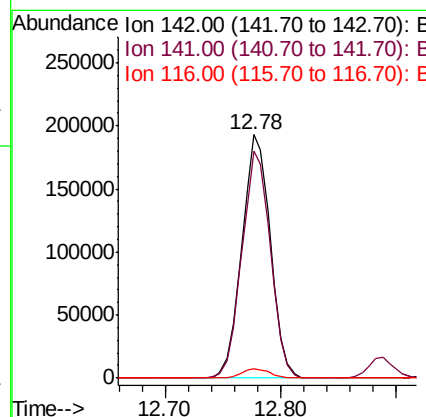
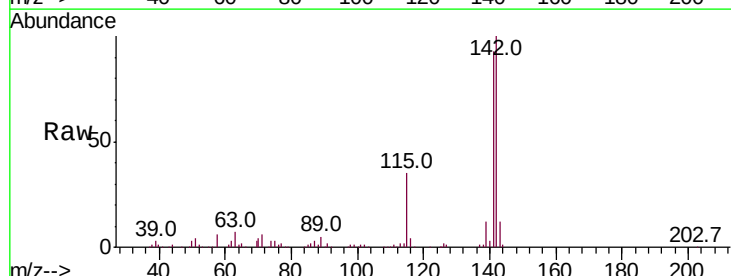
#37
2-Methylnaphthalene
Concen: 49.807 ng
RT: 12.56 min Scan# 1578
Delta R.T. -0.02 min
Lab File: BG037897.D
Acq: 8 Nov 2018 22:29

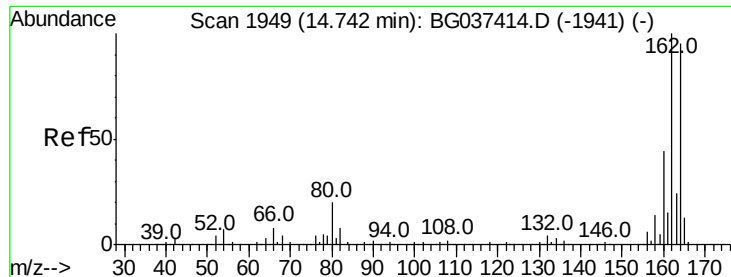
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.9	107.9
115	35.0	27.8	41.8



#38
1-Methylnaphthalene
Concen: 48.753 ng
RT: 12.78 min Scan# 1615
Delta R.T. -0.02 min
Lab File: BG037897.D
Acq: 8 Nov 2018 22:29

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	75.2	112.8
116	4.0	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.02 min

Lab File: BG037897.D

Acq: 8 Nov 2018 22:29

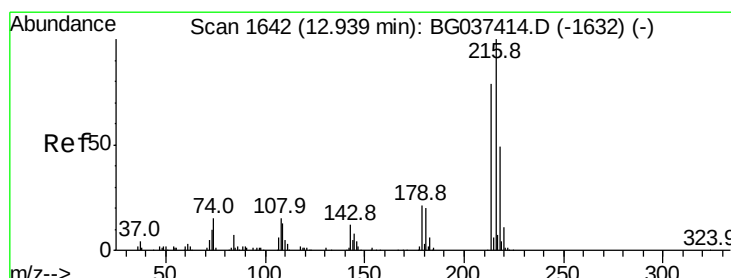
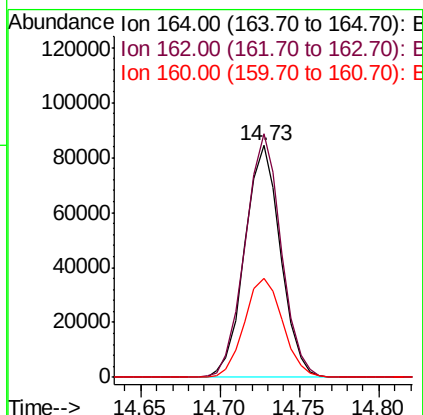
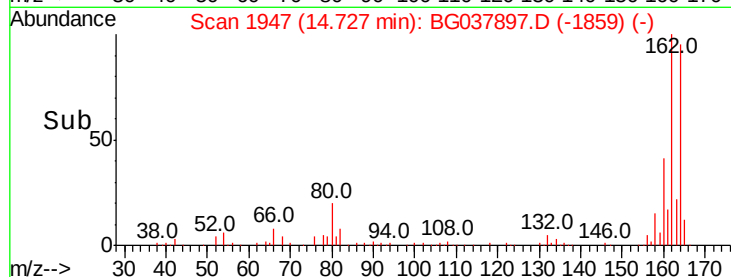
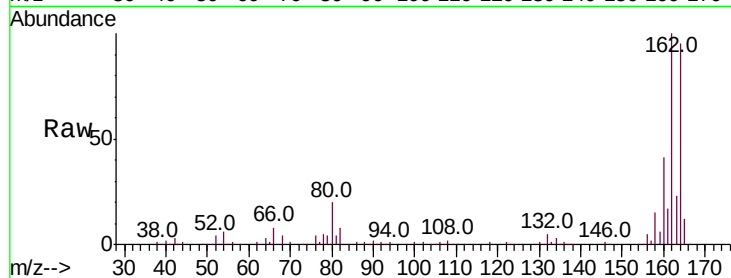
Tot Ion:164 Resp: 132572

Ion Ratio Lower Upper

164 100

162 105.0 81.3 121.9

160 42.7 36.3 54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.220 ng

RT: 12.92 min Scan# 1639

Delta R.T. -0.02 min

Lab File: BG037897.D

Acq: 8 Nov 2018 22:29

Tgt Ion:216 Resp: 180541

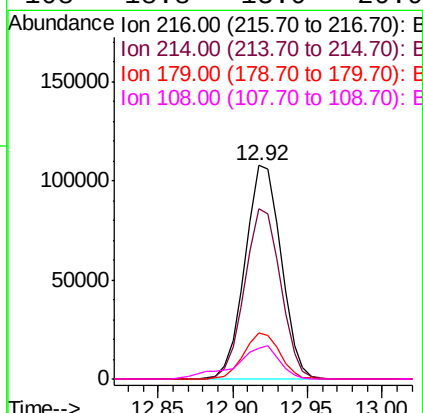
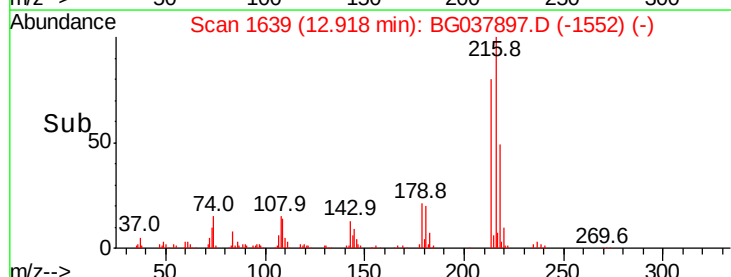
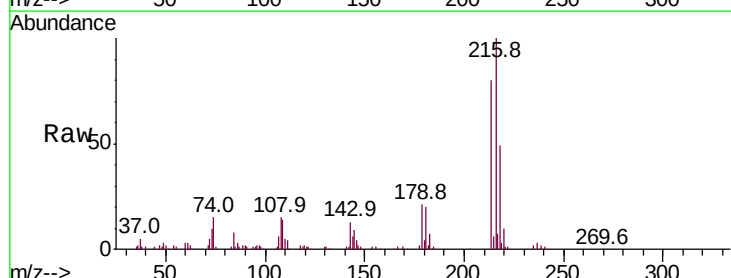
Ion Ratio Lower Upper

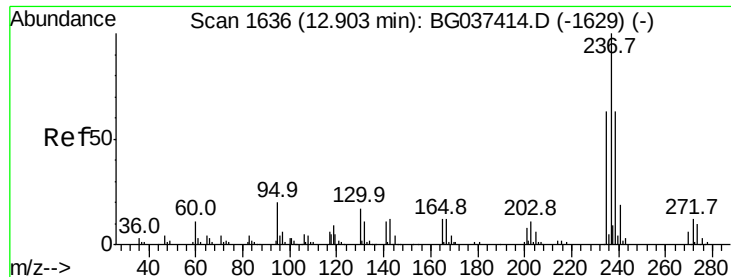
216 100

214 79.2 63.8 95.6

179 21.1 17.4 26.0

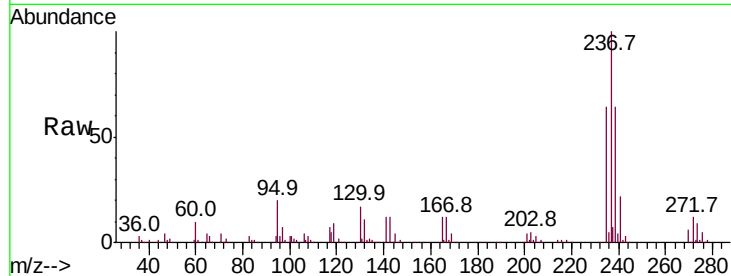
108 18.8 13.9 20.9



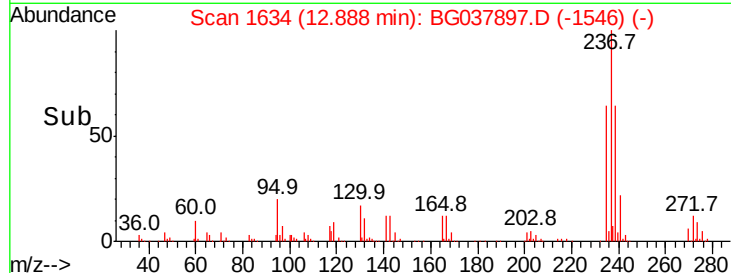
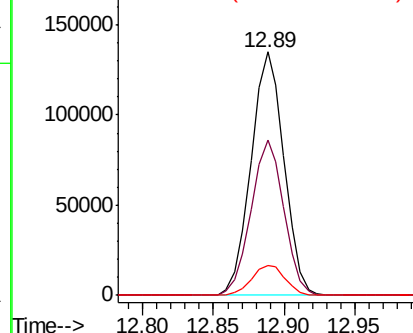


#41
Hexachlorocyclopentadiene
Concen: 107.965 ng
RT: 12.89 min Scan# 1634
Delta R.T. -0.02 min
Lab File: BG037897.D
Acq: 8 Nov 2018 22:29

Tot Ion:	237	Resp:	220530
Ion	Ratio	Lower	Upper
237	100		
235	63.6	42.5	82.5
272	12.5	0.0	31.6

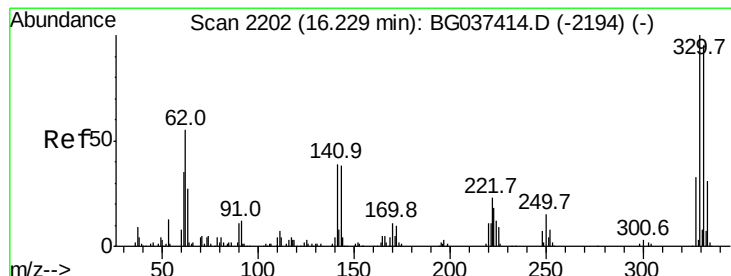


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

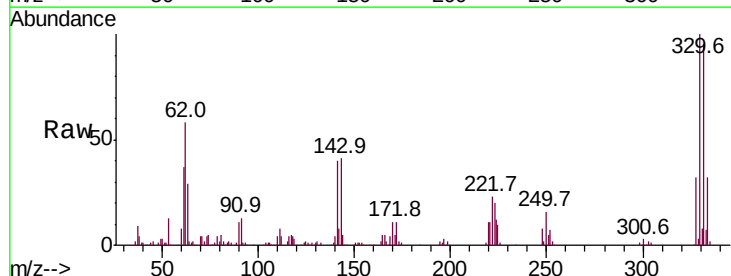
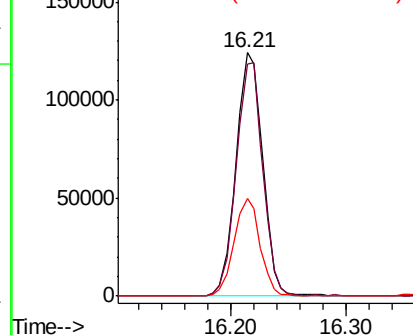


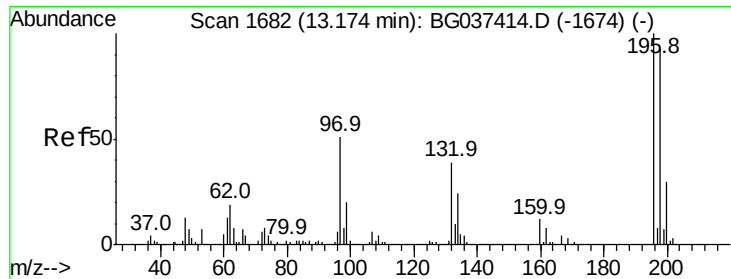
#42
2,4,6-Tribromophenol
Concen: 137.366 ng
RT: 16.21 min Scan# 2200
Delta R.T. -0.02 min
Lab File: BG037897.D
Acq: 8 Nov 2018 22:29

Tgt Ion:	330	Resp:	198624
Ion	Ratio	Lower	Upper
330	100		
332	95.4	78.4	117.6
141	39.2	32.2	48.2



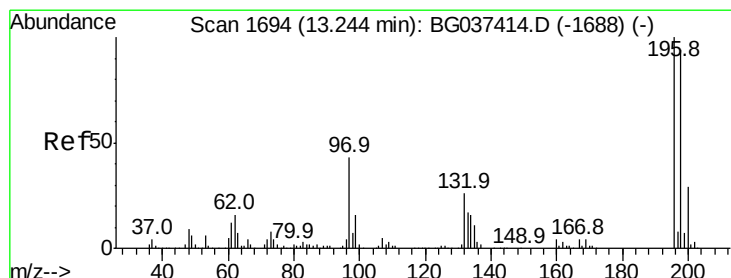
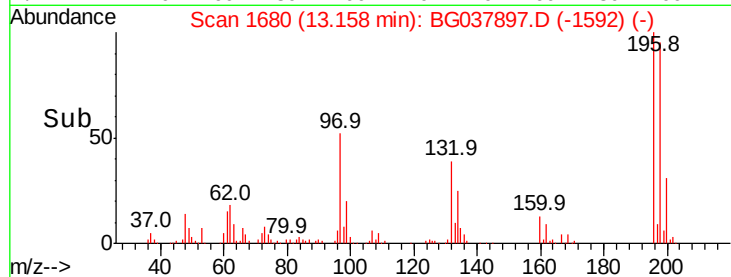
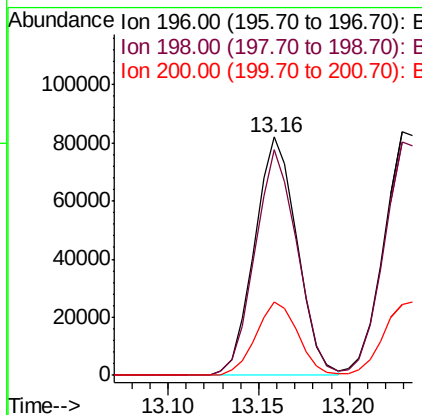
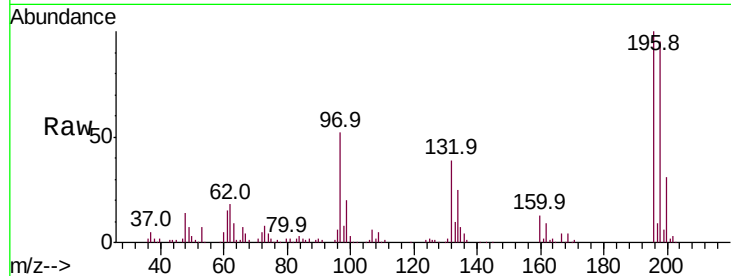
Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





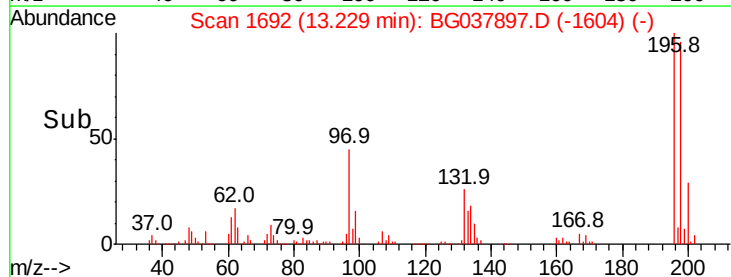
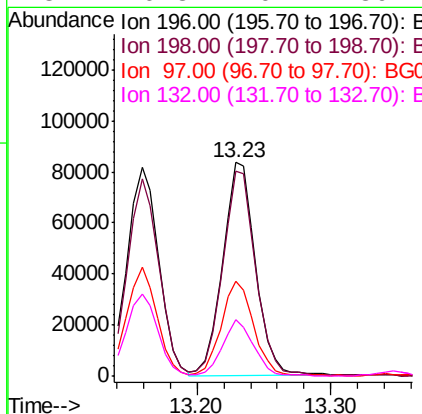
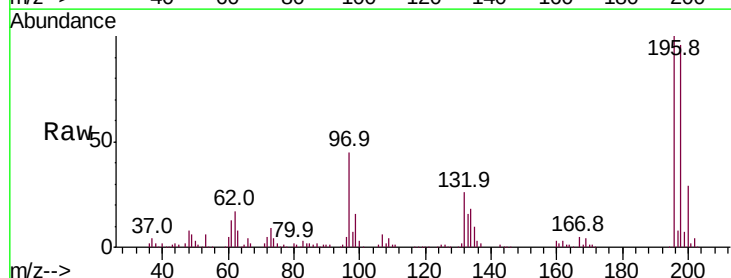
#43
 2,4,6-Trichlorophenol
 Concen: 46.826 ng
 RT: 13.16 min Scan# 1680
 Delta R.T. -0.02 min
 Lab File: BG037897.D
 Acq: 8 Nov 2018 22:29

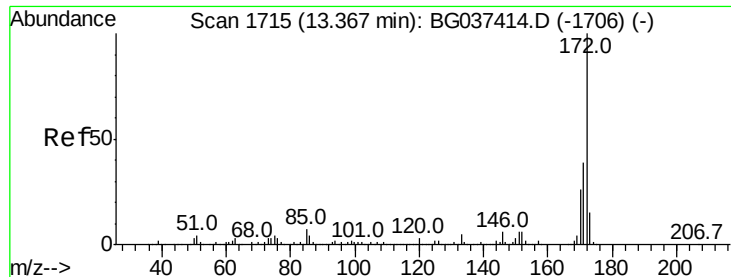
Tot Ion	196	Resp	133775
Ion Ratio	100		
Lower	76.4		
Upper	114.6		
198	94.6		
200	30.9		



#44
 2,4,5-Trichlorophenol
 Concen: 45.987 ng
 RT: 13.23 min Scan# 1692
 Delta R.T. -0.02 min
 Lab File: BG037897.D
 Acq: 8 Nov 2018 22:29

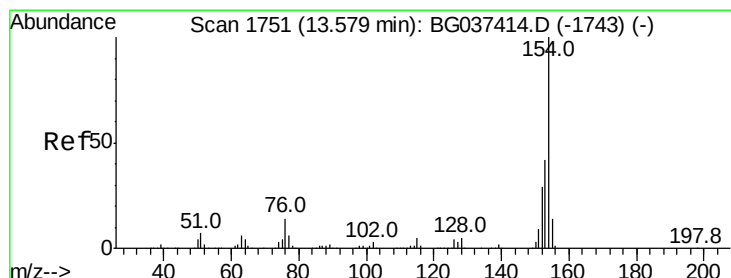
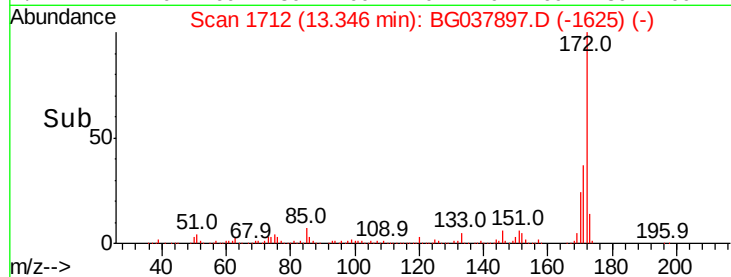
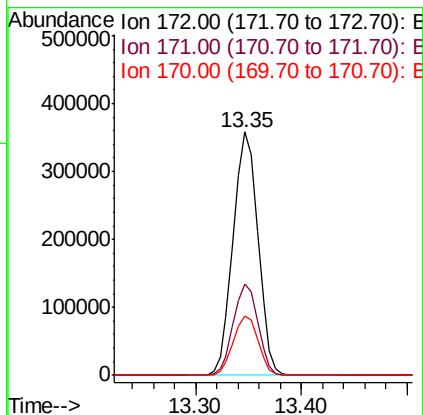
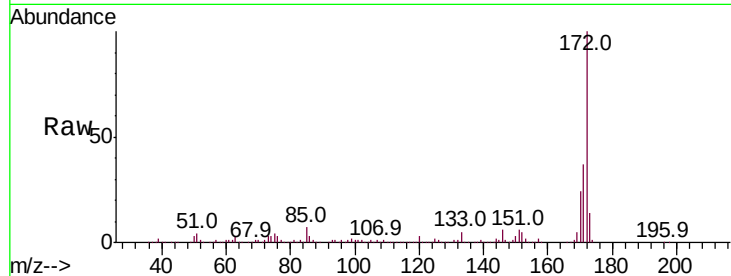
Tgt Ion	196	Resp	143041
Ion Ratio	100		
Lower	74.2		
Upper	111.2		
198	95.7		
97	44.6		
132	26.3		





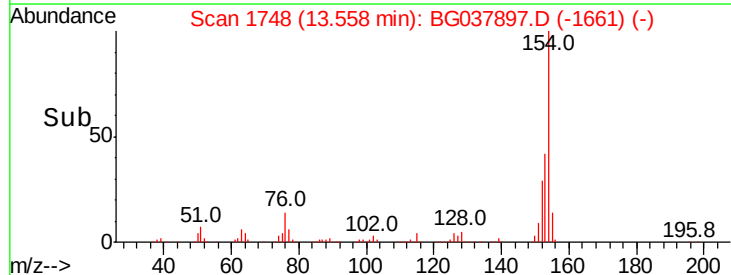
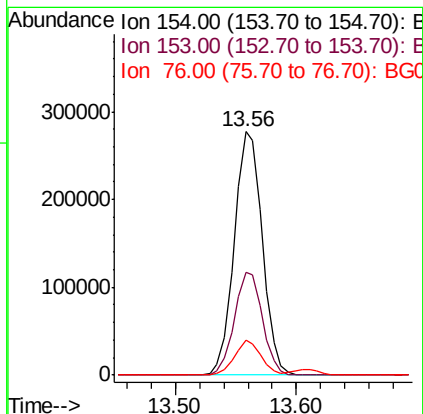
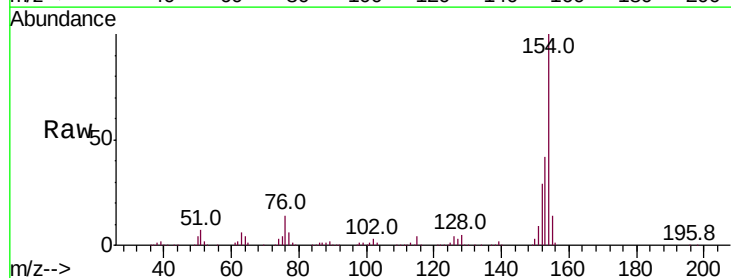
#45
2-Fluorobiphenyl
Concen: 66.108 ng
RT: 13.35 min Scan# 1712
Delta R.T. -0.02 min
Lab File: BG037897.D
Acq: 8 Nov 2018 22:29

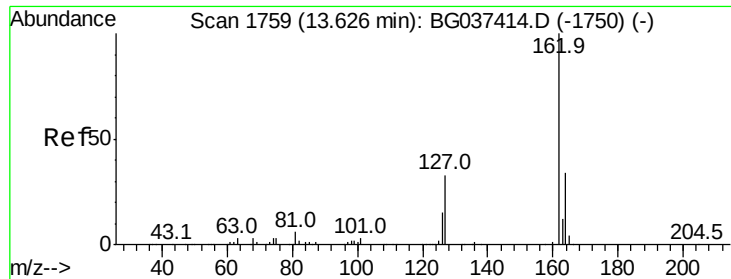
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.3	31.0	46.4
170	24.4	20.2	30.2



#46
1,1'-Biphenyl
Concen: 40.810 ng
RT: 13.56 min Scan# 1748
Delta R.T. -0.02 min
Lab File: BG037897.D
Acq: 8 Nov 2018 22:29

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.2	22.1	62.1
76	14.1	0.0	33.2





#47

2-Chloronaphthalene

Concen: 43.552 ng

RT: 13.61 min Scan# 1757

Delta R.T. -0.02 min

Lab File: BG037897.D

Acq: 8 Nov 2018 22:29

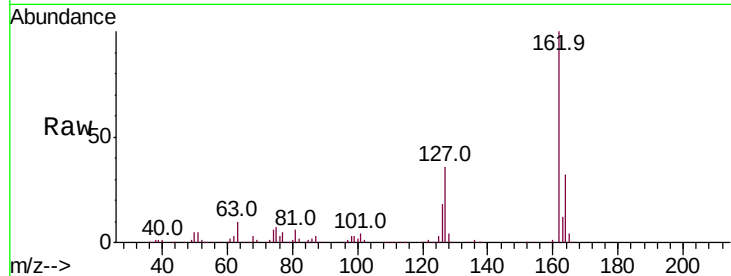
Tot Ion:162 Resp: 361753

Ion Ratio Lower Upper

162 100

127 35.6 30.5 45.7

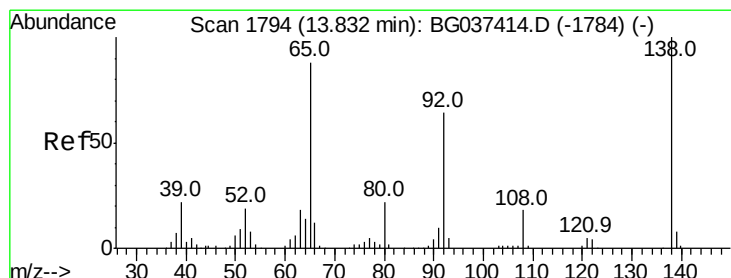
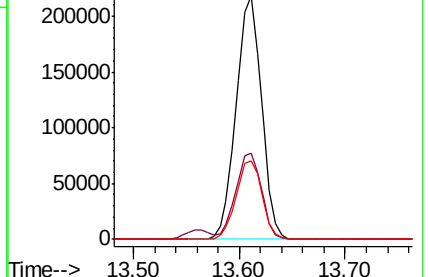
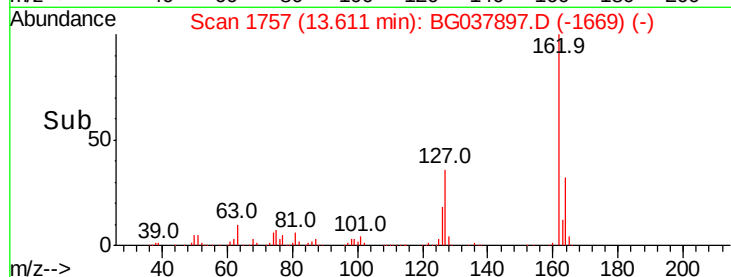
164 32.2 26.4 39.6



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



#48

2-Nitroaniline

Concen: 46.694 ng

RT: 13.82 min Scan# 1792

Delta R.T. -0.02 min

Lab File: BG037897.D

Acq: 8 Nov 2018 22:29

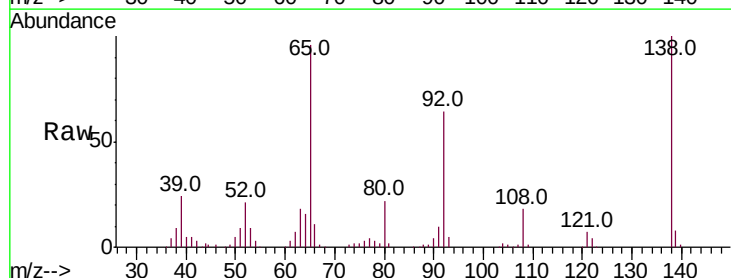
Tgt Ion: 65 Resp: 117617

Ion Ratio Lower Upper

65 100

92 66.7 53.2 79.8

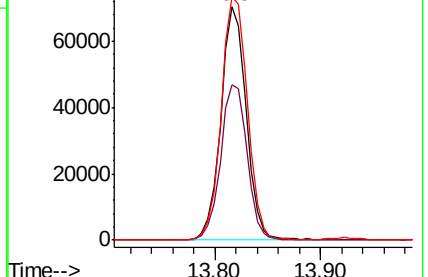
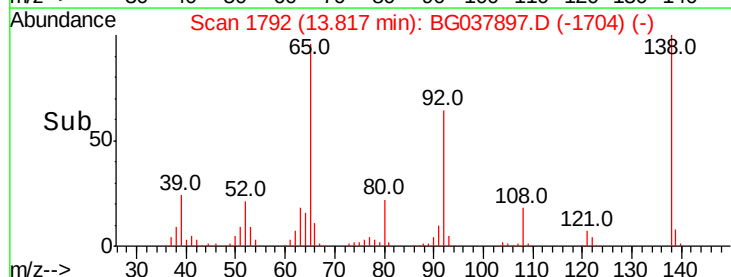
138 104.3 79.3 118.9

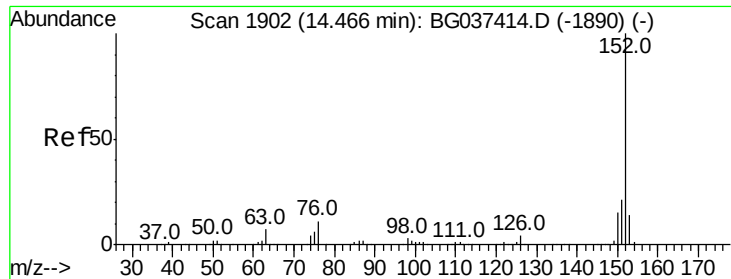


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 47.406 ng

RT: 14.45 min Scan# 1900

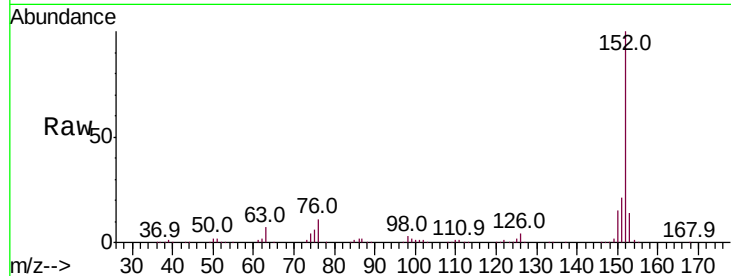
Delta R.T. -0.02 min

Lab File: BG037897.D

Acq: 8 Nov 2018 22:29

Tot Ion:152 Resp: 592331

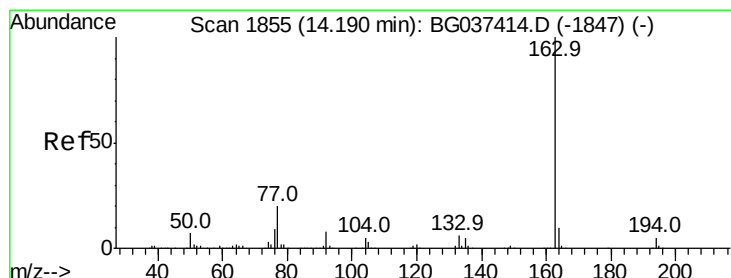
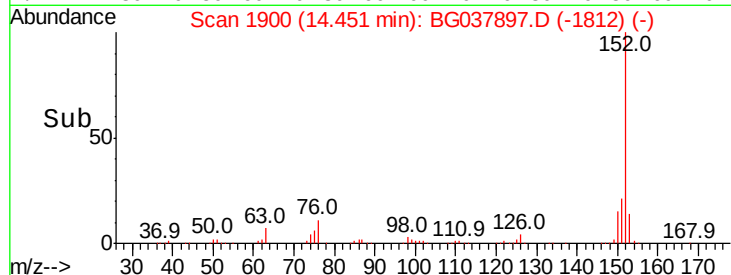
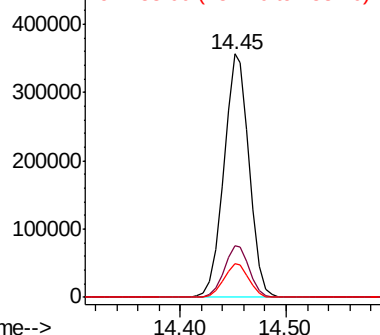
Ion	Ratio	Lower	Upper
152	100		
151	21.2	17.1	25.7
153	14.1	11.1	16.7



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



#50

Dimethylphthalate

Concen: 43.898 ng

RT: 14.17 min Scan# 1853

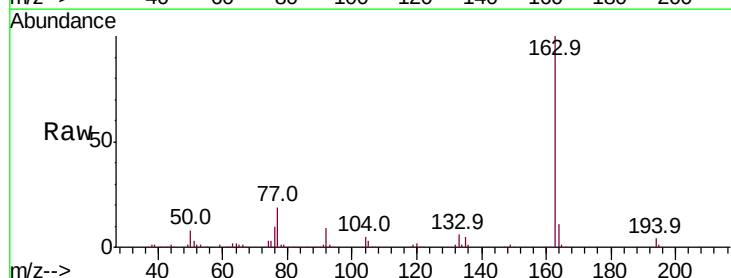
Delta R.T. -0.02 min

Lab File: BG037897.D

Acq: 8 Nov 2018 22:29

Tgt Ion:163 Resp: 450216

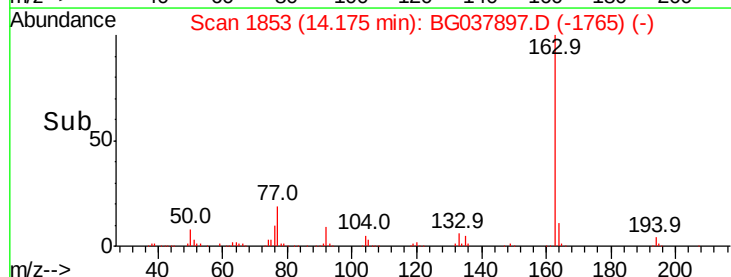
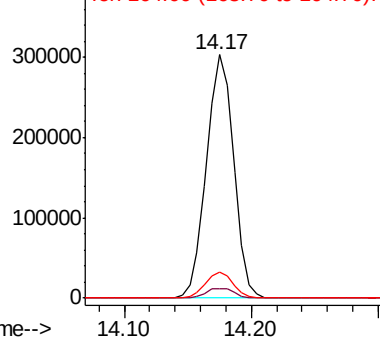
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.5	5.3
164	10.7	8.5	12.7

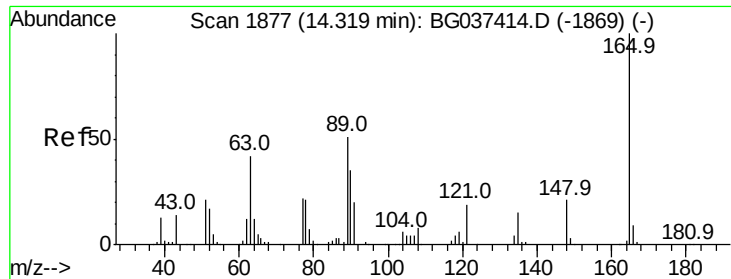


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 45.908 ng

RT: 14.30 min Scan# 1875

Delta R.T. -0.02 min

Lab File: BG037897.D

Acq: 8 Nov 2018 22:29

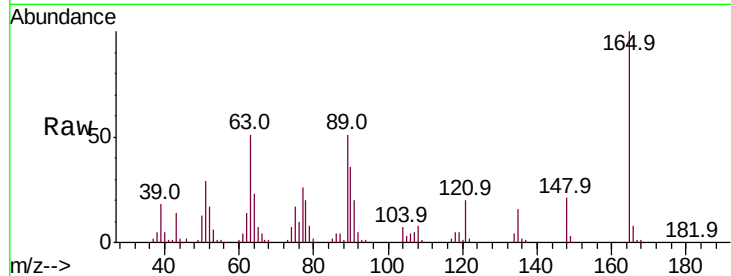
Tot Ion:165 Resp: 104158

Ion Ratio Lower Upper

165 100

63 51.1 43.4 65.2

89 51.4 45.8 68.6

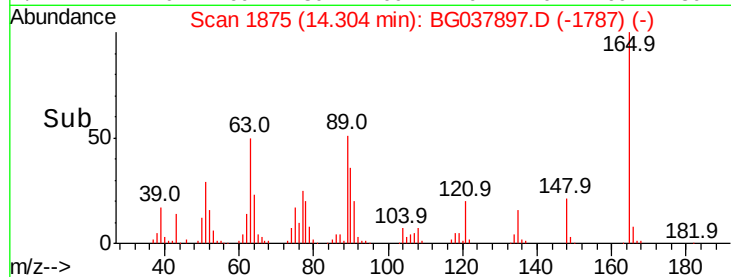


Abundance Ion 165.00 (164.70 to 165.70): E

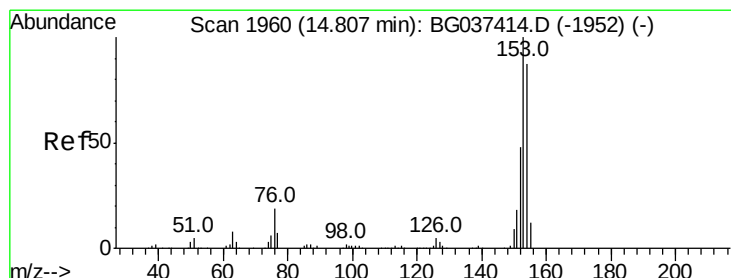
Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0

Time-->



Time-->



#52

Acenaphthene

Concen: 44.393 ng

RT: 14.79 min Scan# 1958

Delta R.T. -0.02 min

Lab File: BG037897.D

Acq: 8 Nov 2018 22:29

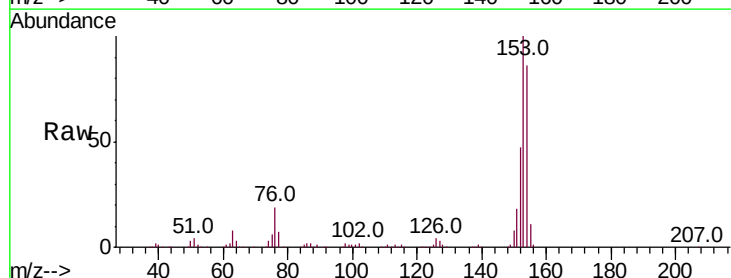
Tgt Ion:154 Resp: 341615

Ion Ratio Lower Upper

154 100

153 116.1 93.4 140.0

152 54.6 44.7 67.1

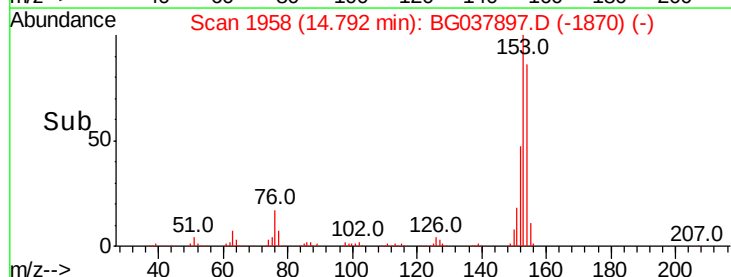


Abundance Ion 154.00 (153.70 to 154.70): E

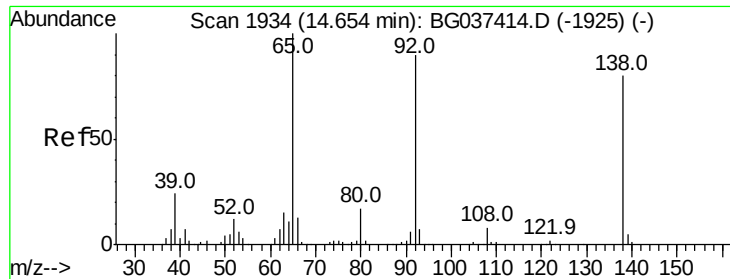
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->

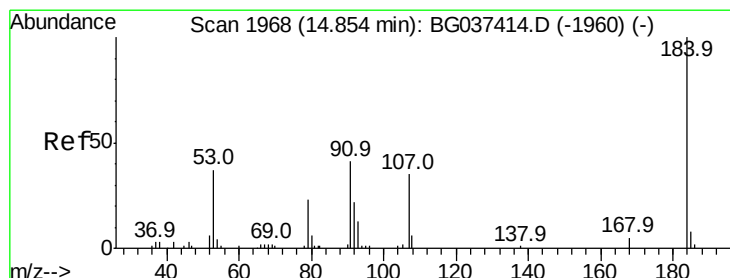
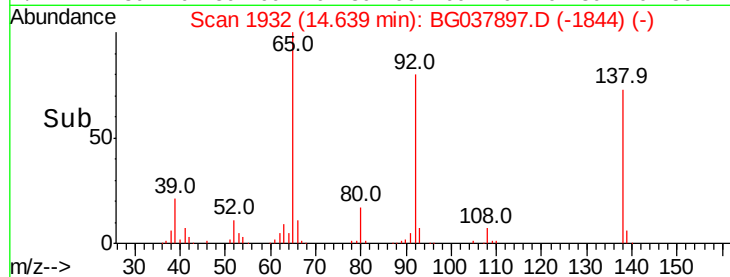
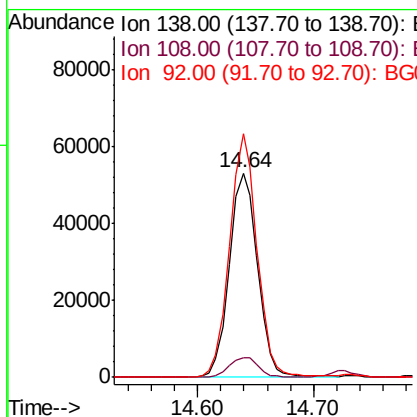
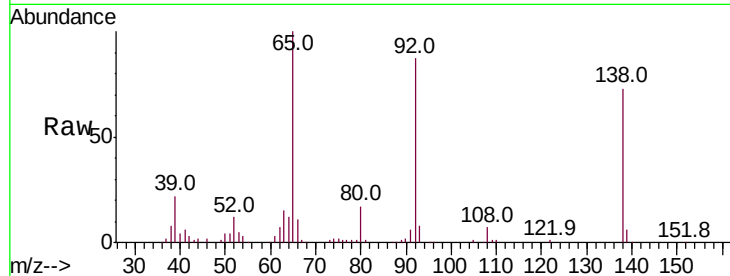


Time-->



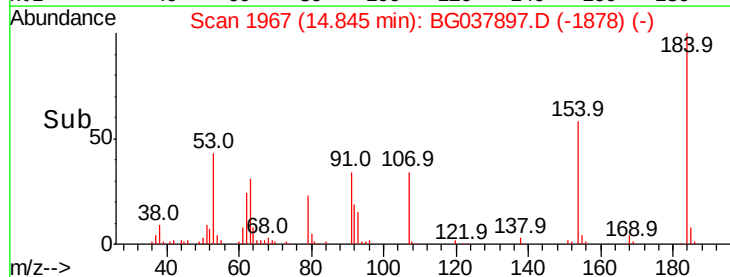
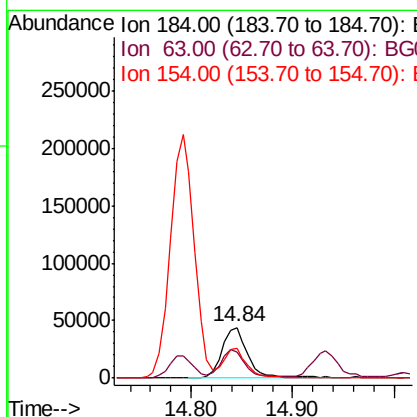
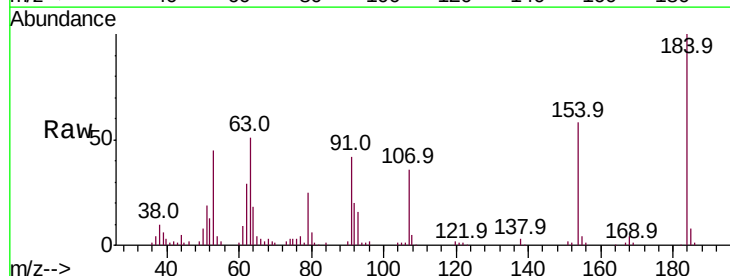
#53
 3-Nitroaniline
 Concen: 35.871 ng
 RT: 14.64 min Scan# 1932
 Delta R.T. -0.02 min
 Lab File: BG037897.D
 Acq: 8 Nov 2018 22:29

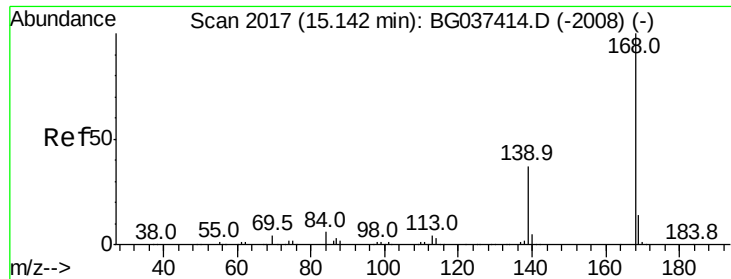
Tot Ion:138 Resp: 90350
 Ion Ratio Lower Upper
 138 100
 108 9.8 11.0 16.6#
 92 119.1 95.2 142.8



#54
 2,4-Dinitrophenol
 Concen: 78.615 ng
 RT: 14.84 min Scan# 1967
 Delta R.T. -0.01 min
 Lab File: BG037897.D
 Acq: 8 Nov 2018 22:29

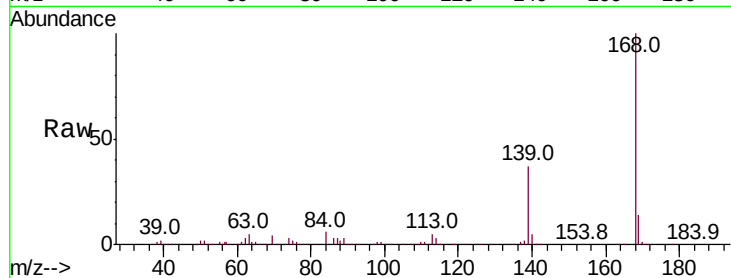
Tgt Ion:184 Resp: 78263
 Ion Ratio Lower Upper
 184 100
 63 51.5 42.6 63.8
 154 57.8 41.8 62.6



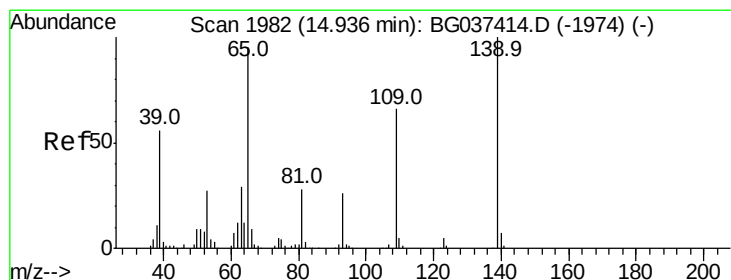
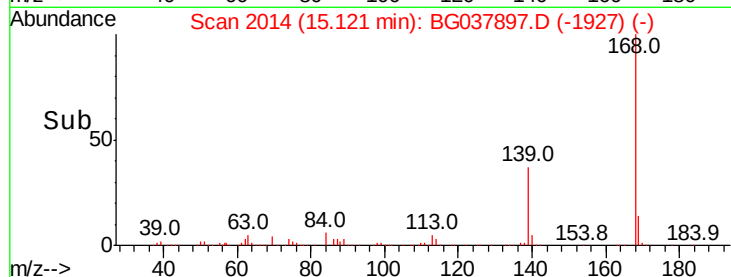
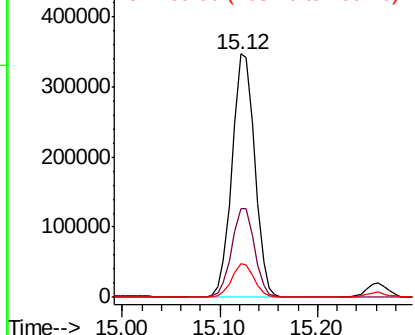


#55
Dibenzofuran
Concen: 43.916 ng
RT: 15.12 min Scan# 2014
Delta R.T. -0.02 min
Lab File: BG037897.D
Acq: 8 Nov 2018 22:29

Tot Ion:168 Resp: 559912
Ion Ratio Lower Upper
168 100
139 36.7 29.4 44.0
169 13.6 11.0 16.6

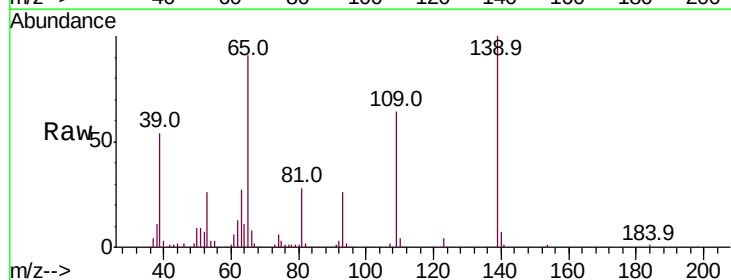


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

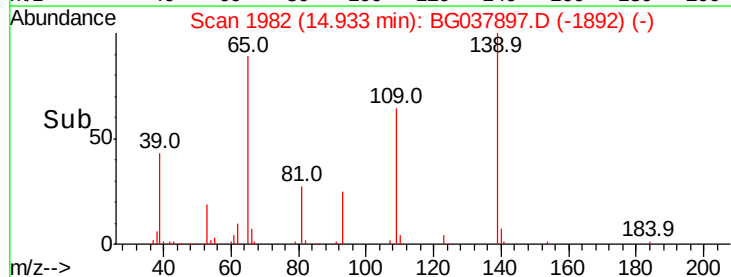
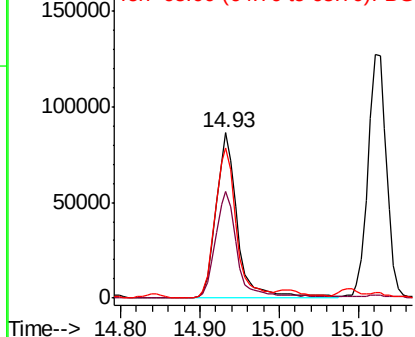


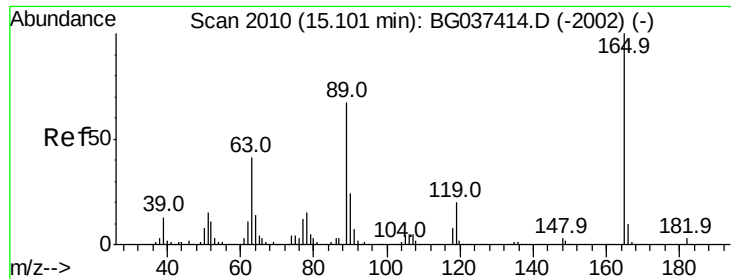
#56
4-Nitrophenol
Concen: 86.900 ng
RT: 14.93 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BG037897.D
Acq: 8 Nov 2018 22:29

Tgt Ion:139 Resp: 162013
Ion Ratio Lower Upper
139 100
109 64.2 49.5 89.5
65 90.9 76.8 116.8



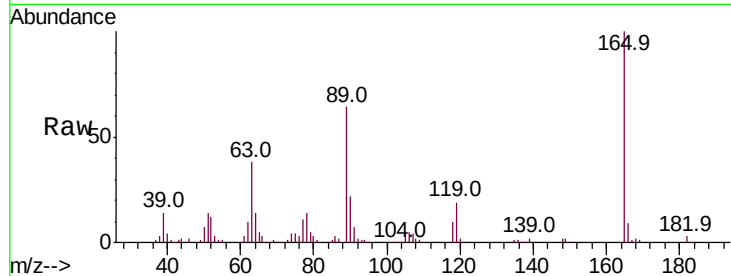
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC



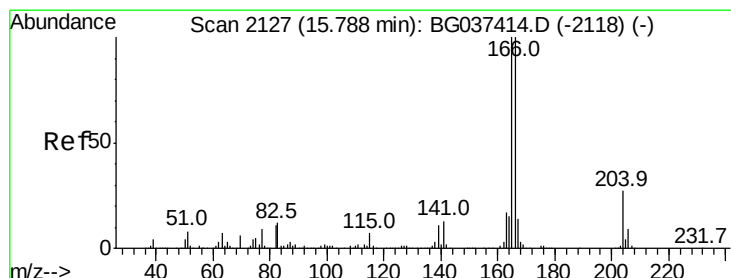
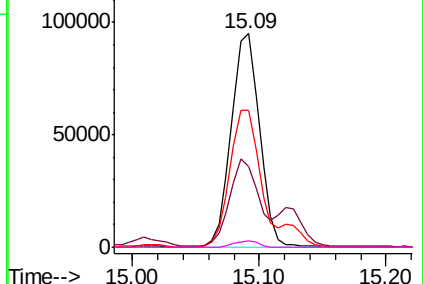
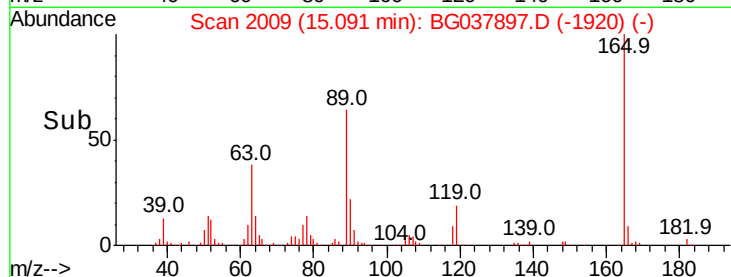


#57
 2,4-Dinitrotoluene
 Concen: 49.299 ng
 RT: 15.09 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BG037897.D
 Acq: 8 Nov 2018 22:29

Tot Ion:	165	Resp:	146825
Ion	Ratio	Lower	Upper
165	100		
63	38.0	33.4	50.0
89	64.1	57.2	85.8
182	3.1	2.6	4.0

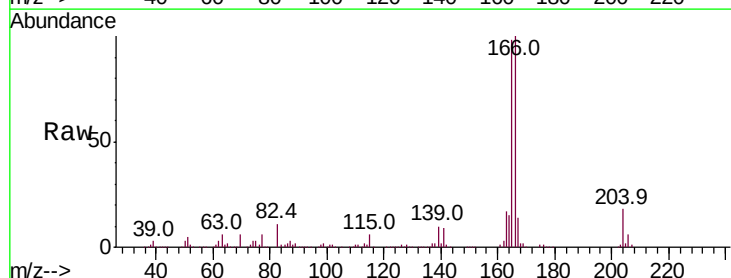


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

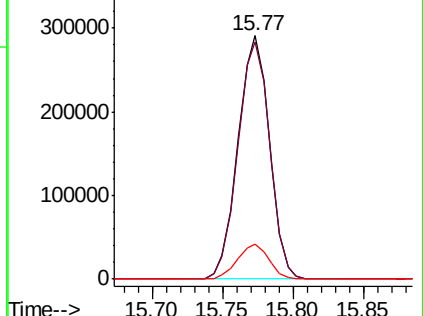
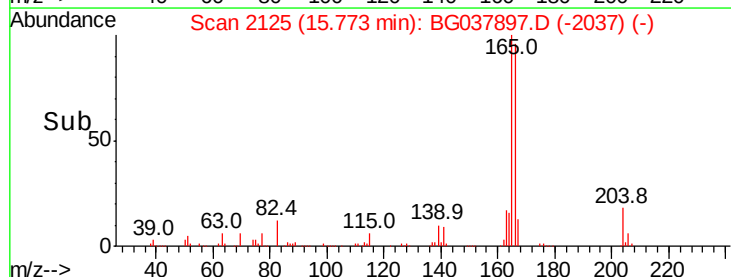


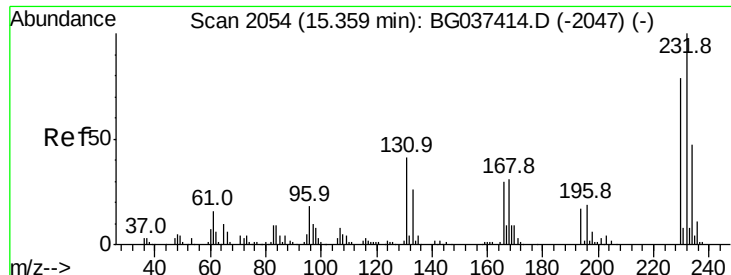
#58
 Fluorene
 Concen: 47.426 ng
 RT: 15.77 min Scan# 2125
 Delta R.T. -0.02 min
 Lab File: BG037897.D
 Acq: 8 Nov 2018 22:29

Tgt Ion:	166	Resp:	452803
Ion	Ratio	Lower	Upper
166	100		
165	97.7	79.0	118.6
167	14.5	11.3	16.9



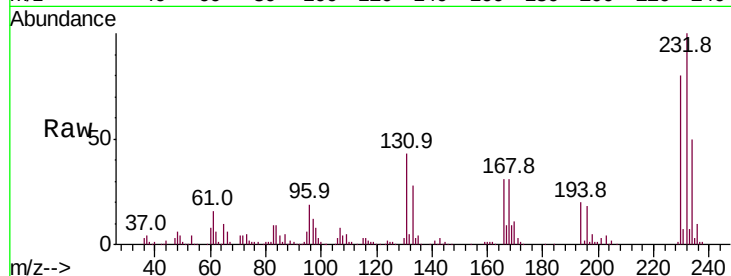
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E



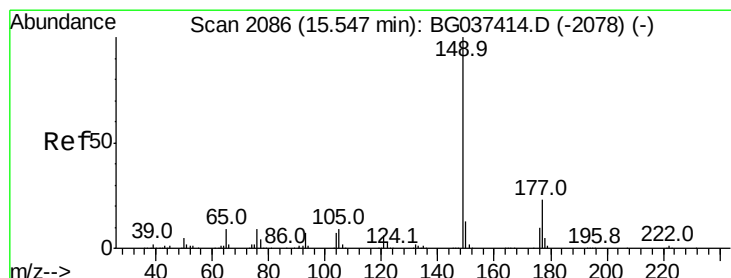
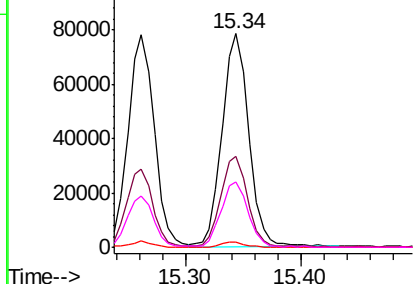
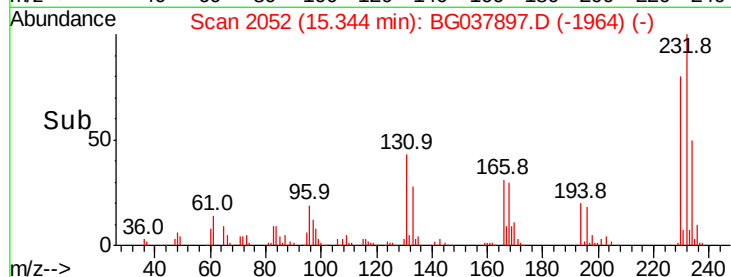


#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.234 ng
 RT: 15.34 min Scan# 2052
 Delta R.T. -0.02 min
 Lab File: BG037897.D
 Acq: 8 Nov 2018 22:29

Tot Ion:	232	Resp:	125793
Ion	Ratio	Lower	Upper
232	100		
131	43.2	33.7	50.5
130	2.4	2.1	3.1
166	31.6	24.6	36.8

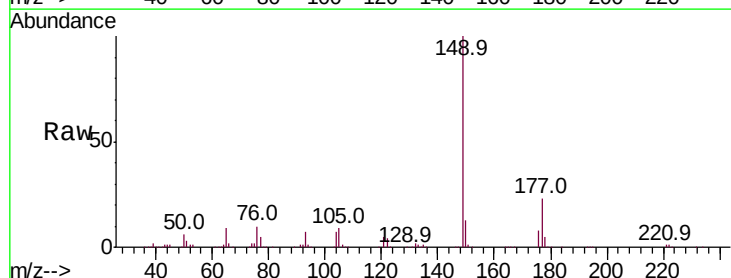


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

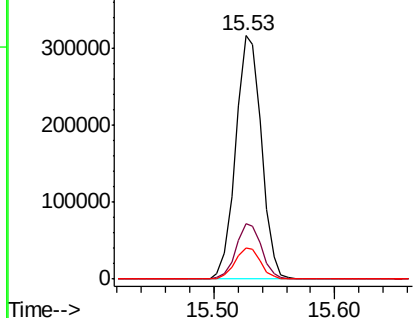
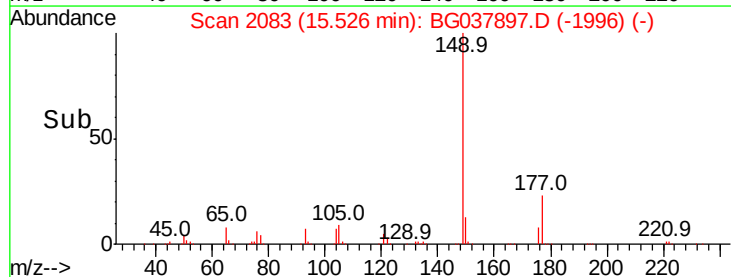


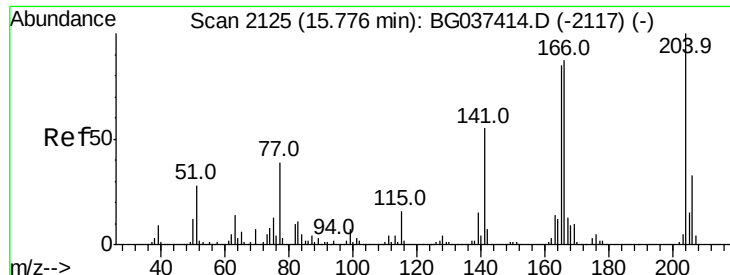
#60
 Diethylphthalate
 Concen: 44.707 ng
 RT: 15.53 min Scan# 2083
 Delta R.T. -0.02 min
 Lab File: BG037897.D
 Acq: 8 Nov 2018 22:29

Tgt Ion:	149	Resp:	470738
Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.3	27.5
150	13.0	10.0	15.0



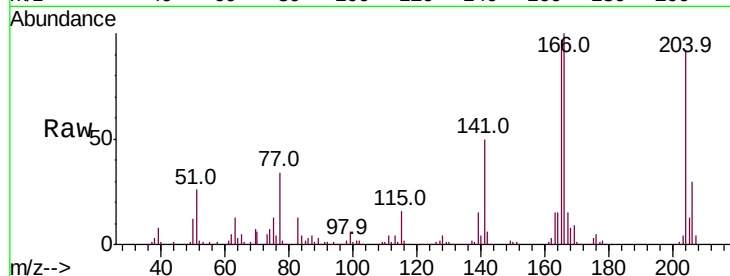
Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E



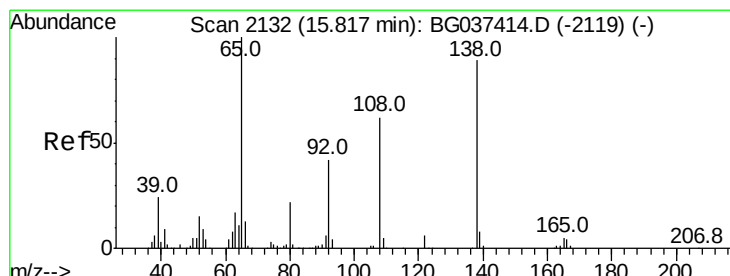
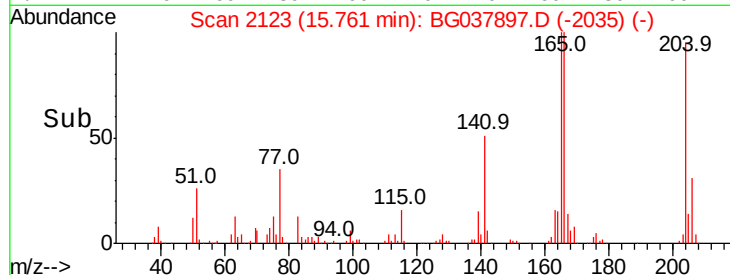
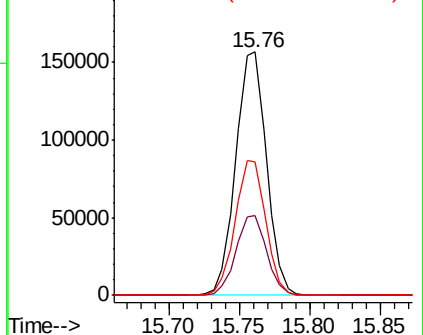


#61
 4-Chlorophenyl-phenylether
 Concen: 42.775 ng
 RT: 15.76 min Scan# 2123
 Delta R.T. -0.02 min
 Lab File: BG037897.D
 Acq: 8 Nov 2018 22:29

Tot Ion:	204	Resp:	238038
Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.6	39.8
141	54.7	45.4	68.2

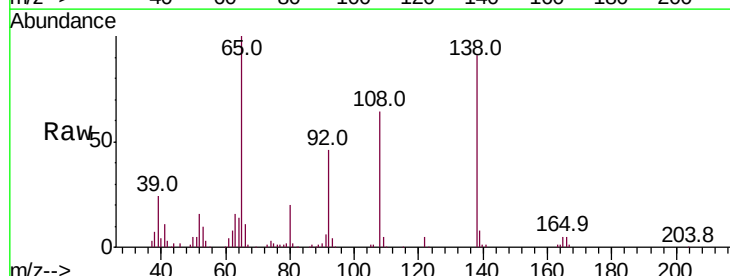


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

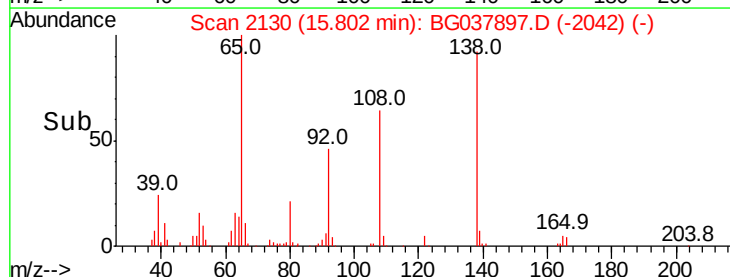
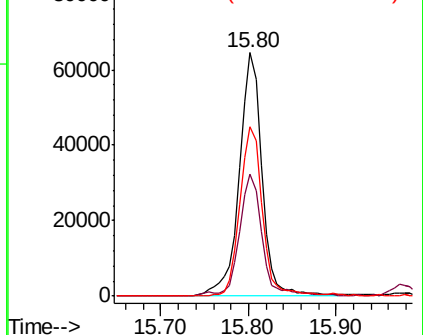


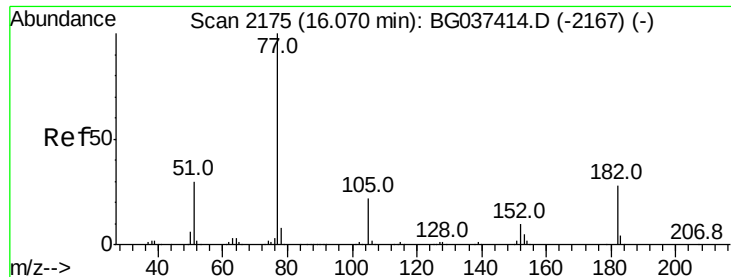
#62
 4-Nitroaniline
 Concen: 44.943 ng
 RT: 15.80 min Scan# 2130
 Delta R.T. -0.02 min
 Lab File: BG037897.D
 Acq: 8 Nov 2018 22:29

Tgt Ion:	138	Resp:	112483
Ion	Ratio	Lower	Upper
138	100		
92	50.2	36.4	76.4
108	69.8	60.1	100.1



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





#63

Azobenzene

Concen: 43.127 ng

RT: 16.06 min Scan# 2173

Delta R.T. -0.02 min

Lab File: BG037897.D

Acq: 8 Nov 2018 22:29

Tot Ion: 77 Resp: 433266

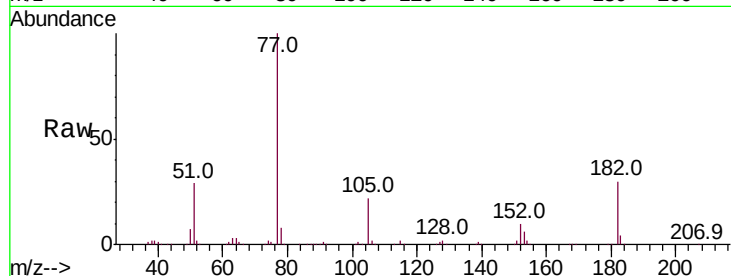
Ion	Ratio	Lower	Upper
77	100		
182	29.5	8.0	48.0
105	22.5	1.3	41.3
51	29.0	10.7	50.7

77 100

182 29.5 8.0 48.0

105 22.5 1.3 41.3

51 29.0 10.7 50.7

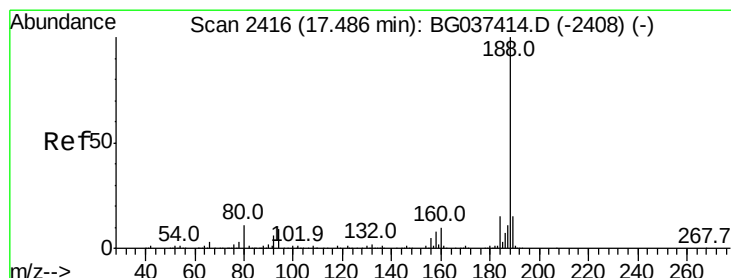
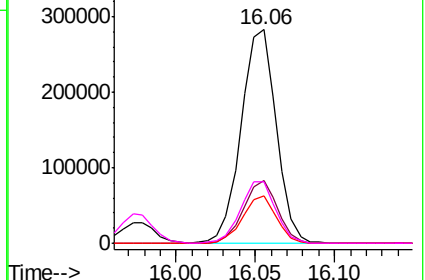
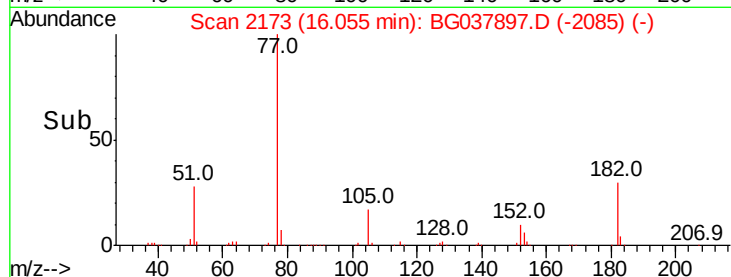


Abundance Ion 77.00 (76.70 to 77.70): BGC

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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BG037897.D

Acq: 8 Nov 2018 22:29

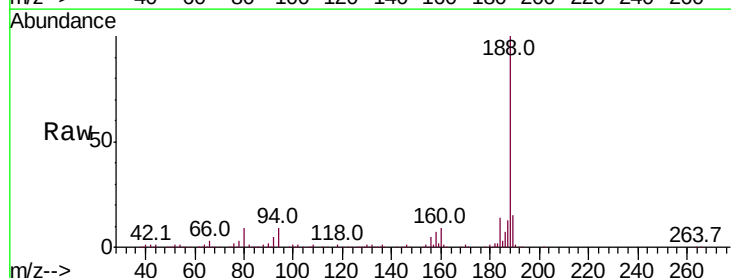
Tgt Ion: 188 Resp: 311125

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	8.9	7.7	11.5

188 100

94 9.0 7.2 10.8

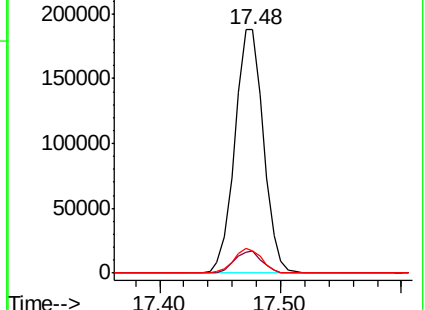
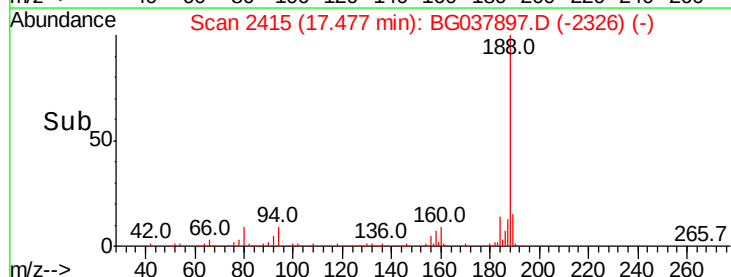
80 8.9 7.7 11.5

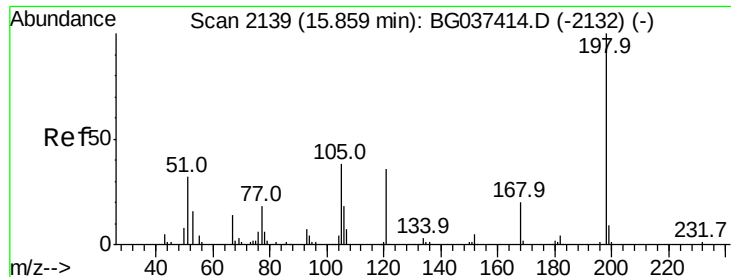


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 45.076 ng

RT: 15.85 min Scan# 2138

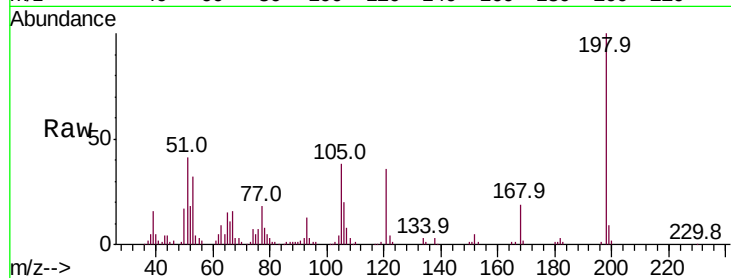
Delta R.T. -0.01 min

Lab File: BG037897.D

Acq: 8 Nov 2018 22:29

Tot Ion:198 Resp: 72564

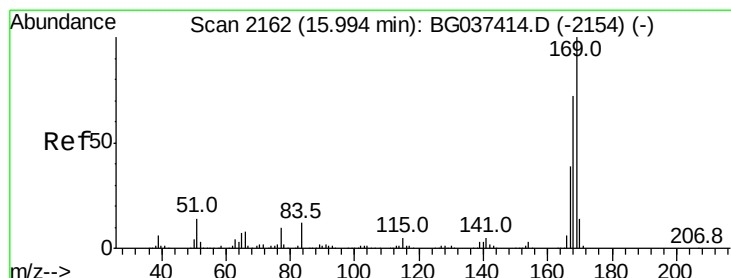
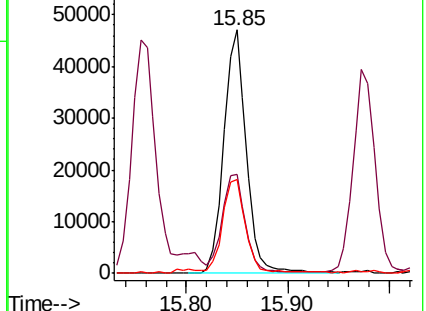
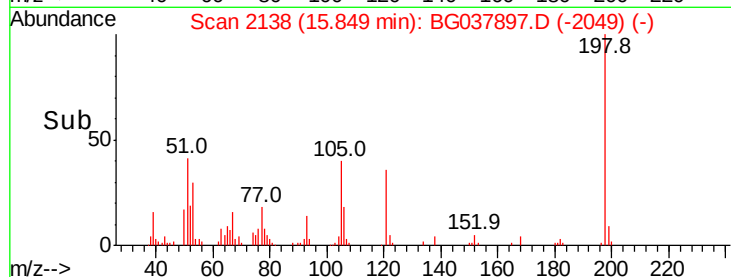
Ion	Ratio	Lower	Upper
198	100		
51	40.7	22.7	62.7
105	38.5	19.7	59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.575 ng

RT: 15.98 min Scan# 2160

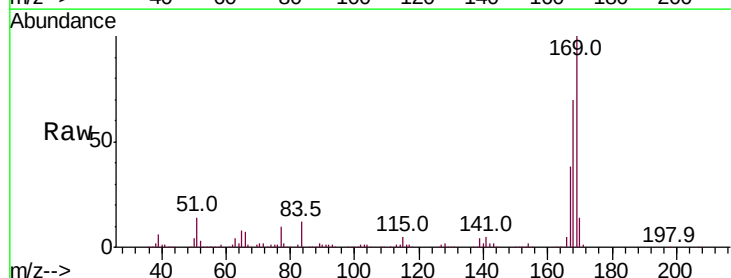
Delta R.T. -0.02 min

Lab File: BG037897.D

Acq: 8 Nov 2018 22:29

Tgt Ion:169 Resp: 407804

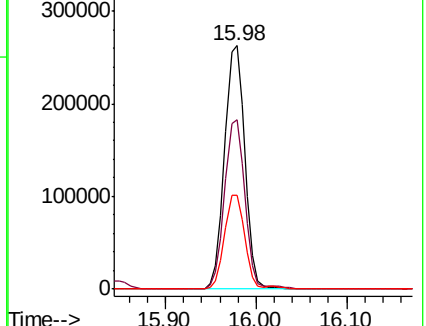
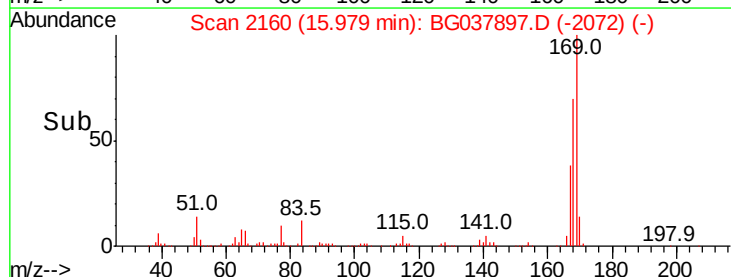
Ion	Ratio	Lower	Upper
169	100		
168	69.7	55.7	83.5
167	38.5	31.3	46.9

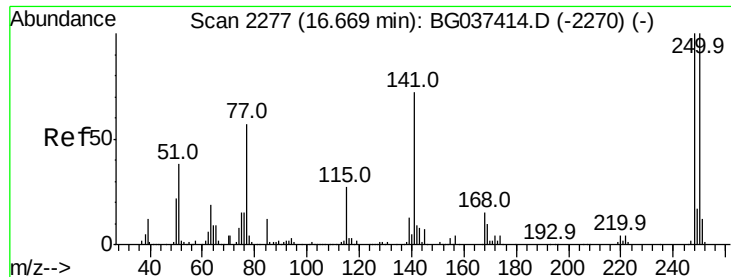


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

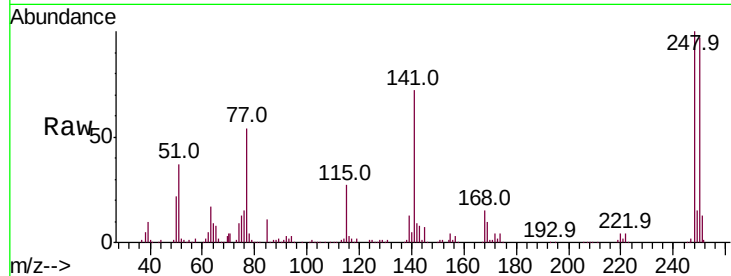
Ion 167.00 (166.70 to 167.70): E





#67
 4-Bromophenyl-phenylether
 Concen: 42.880 ng
 RT: 16.65 min Scan# 2275
 Delta R.T. -0.02 min
 Lab File: BG037897.D
 Acq: 8 Nov 2018 22:29

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.9	77.0	115.6
141	72.1	55.5	83.3

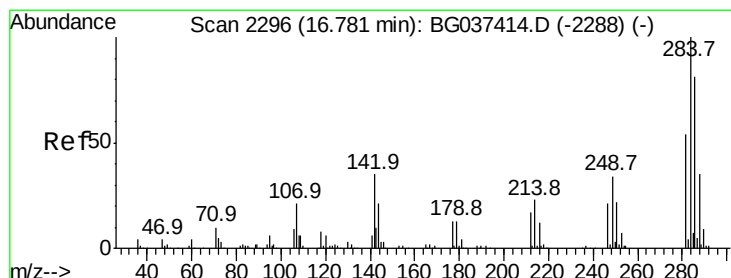
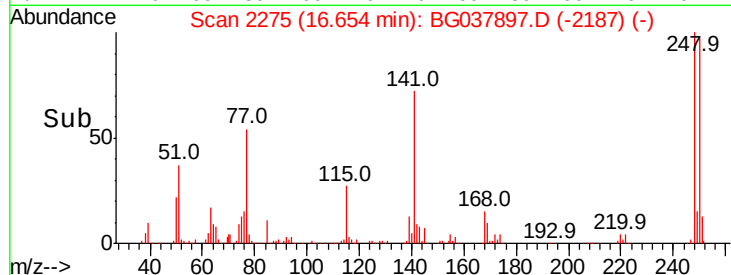
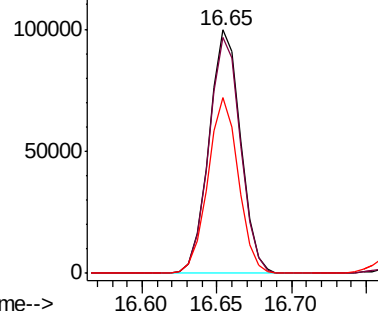


Abundance

Ion 248.00 (247.70 to 248.70): E

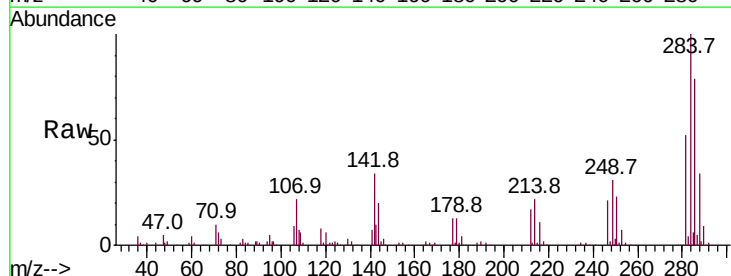
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 42.904 ng
 RT: 16.77 min Scan# 2294
 Delta R.T. -0.02 min
 Lab File: BG037897.D
 Acq: 8 Nov 2018 22:29

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.1	28.1	42.1
249	33.9	29.8	44.8

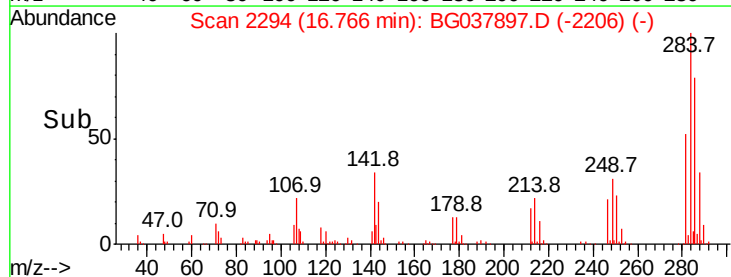
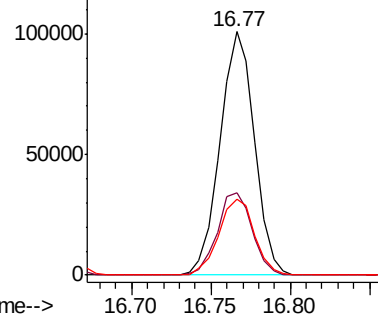


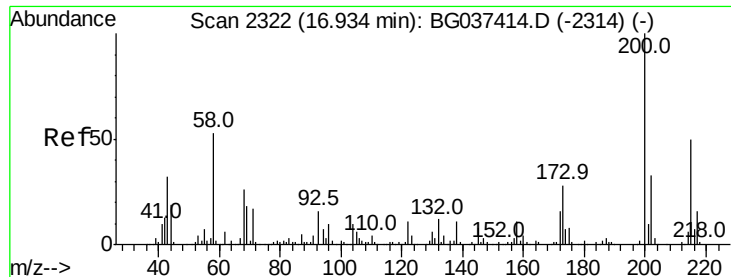
Abundance

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





#69

Atrazine

Concen: 44.584 ng

RT: 16.92 min Scan# 2320

Delta R.T. -0.02 min

Lab File: BG037897.D

Acq: 8 Nov 2018 22:29

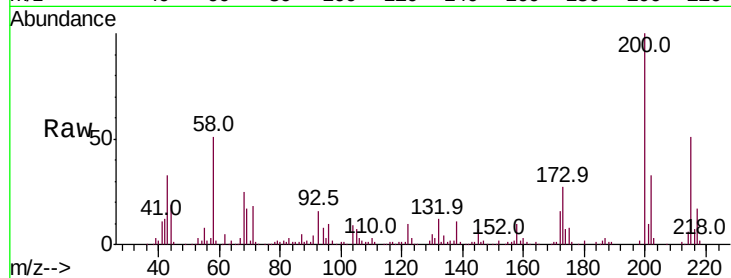
Tot Ion:200 Resp: 150857

Ion Ratio Lower Upper

200 100

173 26.8 6.1 46.1

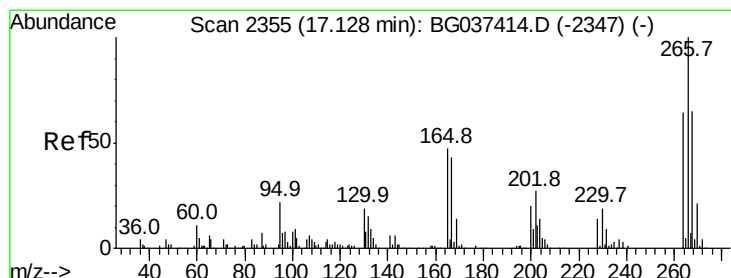
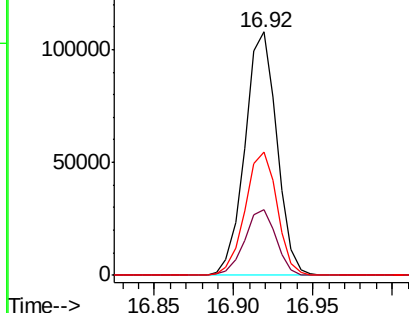
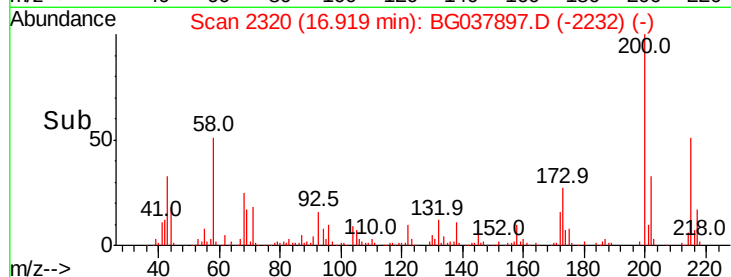
215 50.6 30.8 70.8



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



#70

Pentachlorophenol

Concen: 73.474 ng

RT: 17.11 min Scan# 2353

Delta R.T. -0.02 min

Lab File: BG037897.D

Acq: 8 Nov 2018 22:29

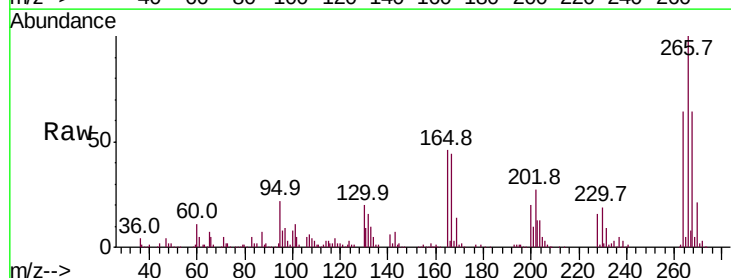
Tgt Ion:266 Resp: 174275

Ion Ratio Lower Upper

266 100

268 68.6 55.0 82.6

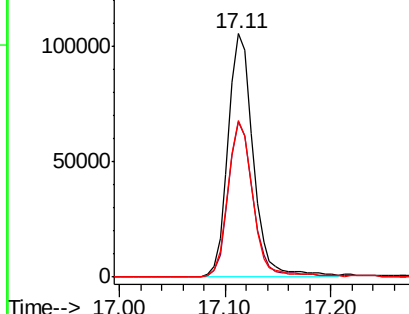
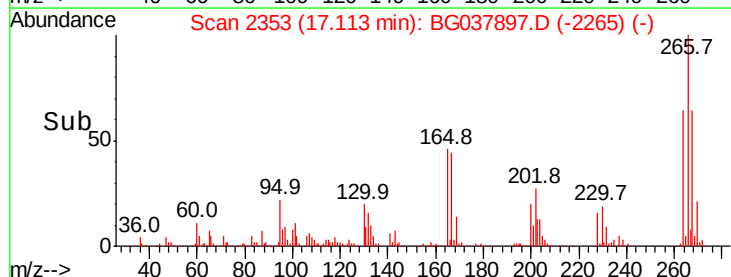
264 69.5 58.9 88.3

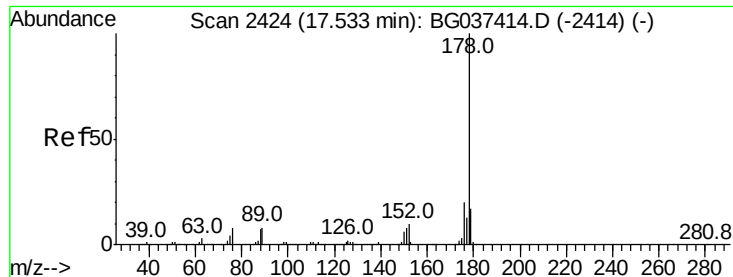


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

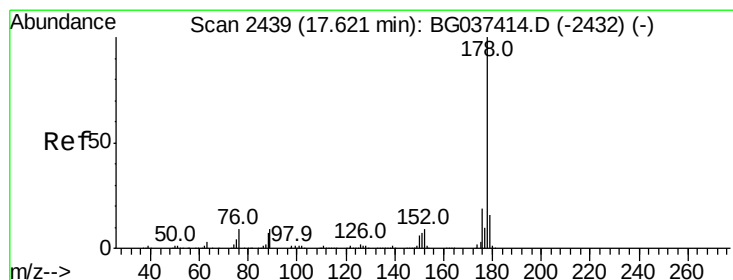
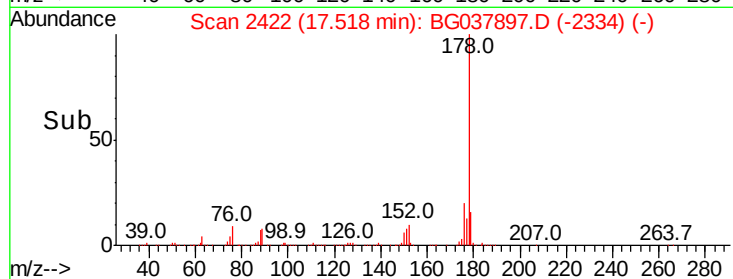
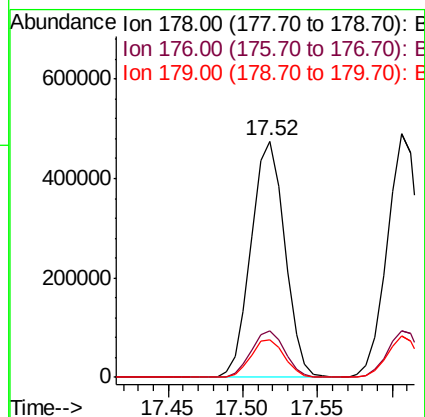
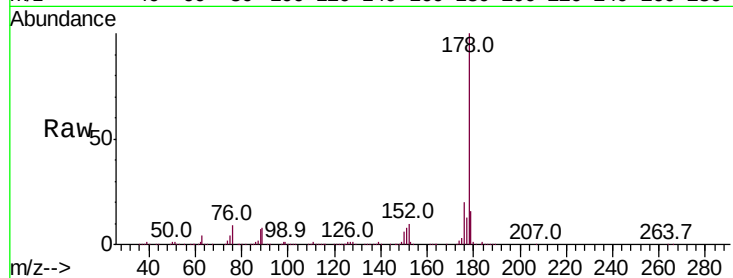
Ion 264.00 (263.70 to 264.70): E





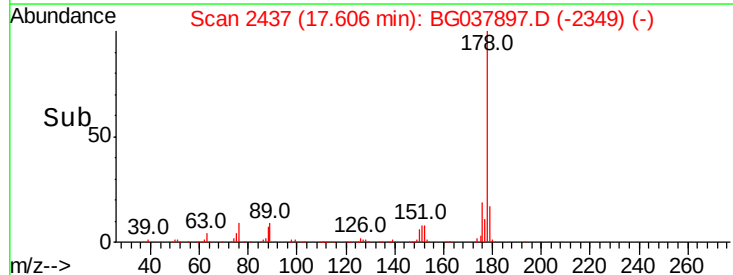
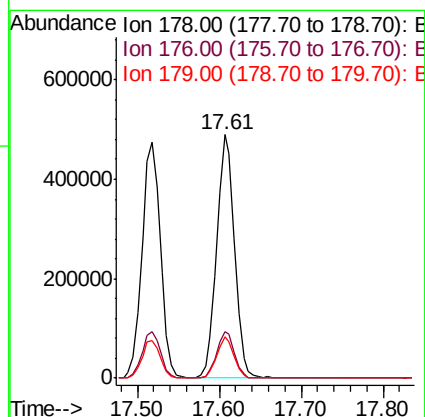
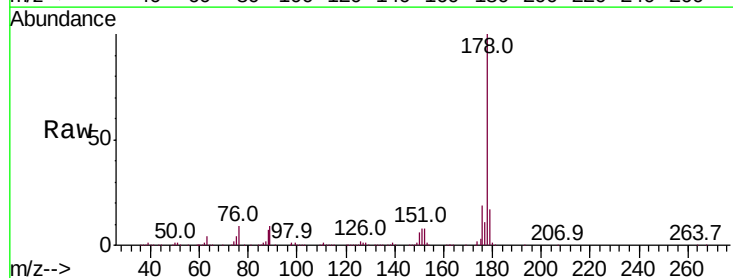
#71
Phenanthrene
Concen: 46.870 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.02 min
Lab File: BG037897.D
Acq: 8 Nov 2018 22:29

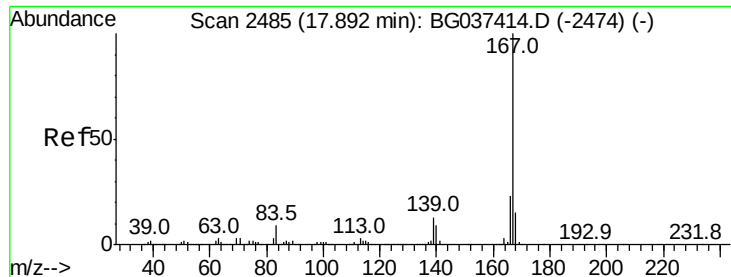
Tot Ion:178 Resp: 741133
Ion Ratio Lower Upper
178 100
176 19.9 16.1 24.1
179 16.1 13.0 19.4



#72
Anthracene
Concen: 48.082 ng
RT: 17.61 min Scan# 2437
Delta R.T. -0.02 min
Lab File: BG037897.D
Acq: 8 Nov 2018 22:29

Tgt Ion:178 Resp: 746120
Ion Ratio Lower Upper
178 100
176 19.2 15.0 22.4
179 16.9 12.8 19.2





#73

Carbazole

Concen: 42.962 ng

RT: 17.88 min Scan# 2484

Delta R.T. -0.01 min

Lab File: BG037897.D

Acq: 8 Nov 2018 22:29

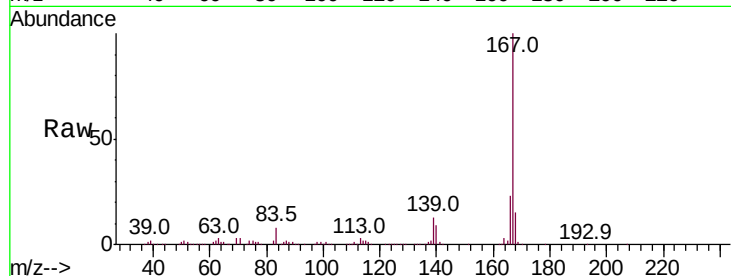
Tot Ion:167 Resp: 666865

Ion Ratio Lower Upper

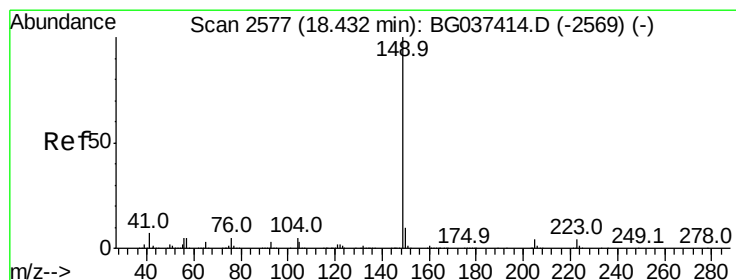
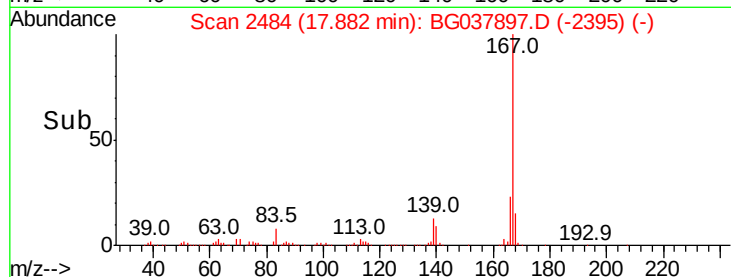
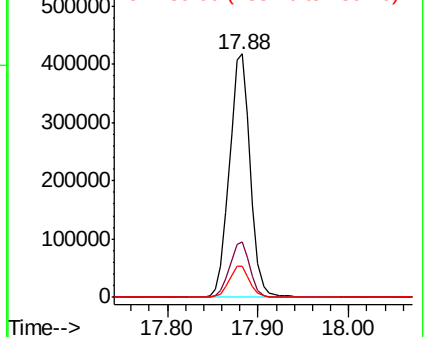
167 100

166 22.7 18.3 27.5

139 13.0 10.5 15.7



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



#74

Di-n-butylphthalate

Concen: 46.350 ng

RT: 18.41 min Scan# 2574

Delta R.T. -0.02 min

Lab File: BG037897.D

Acq: 8 Nov 2018 22:29

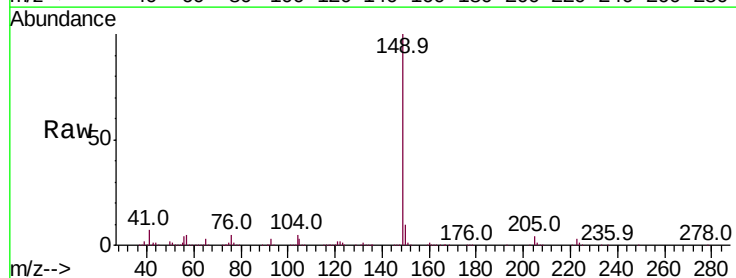
Tgt Ion:149 Resp: 800327

Ion Ratio Lower Upper

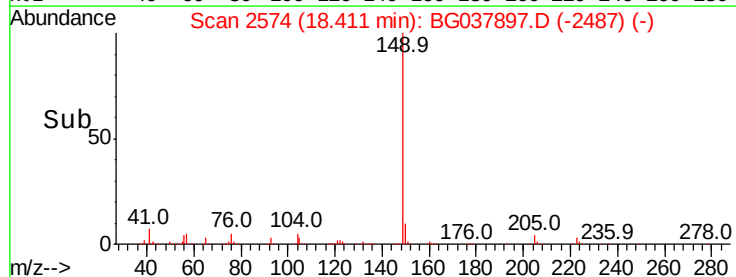
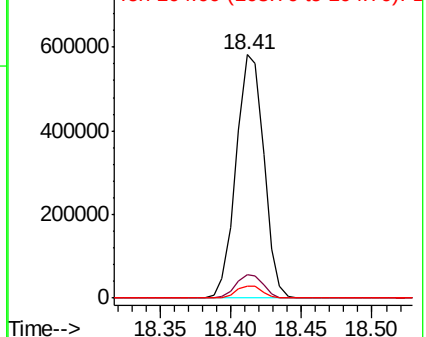
149 100

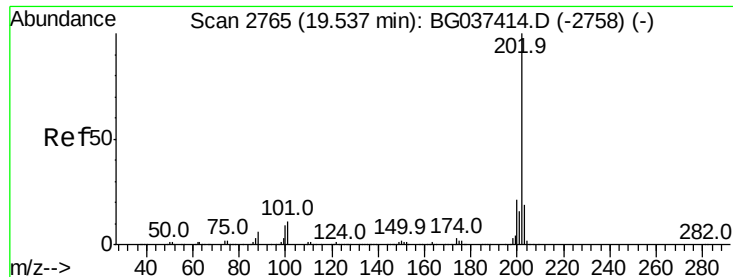
150 9.8 8.2 12.2

104 5.0 4.0 6.0



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





#75

Fluoranthene

Concen: 47.240 ng

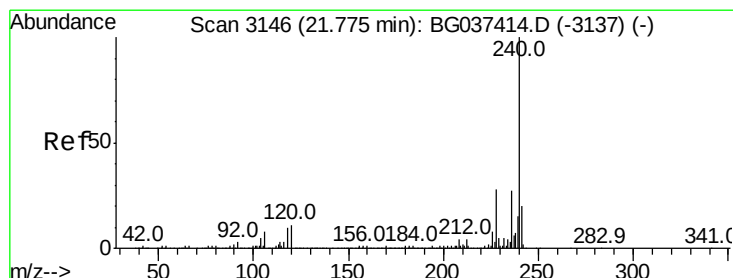
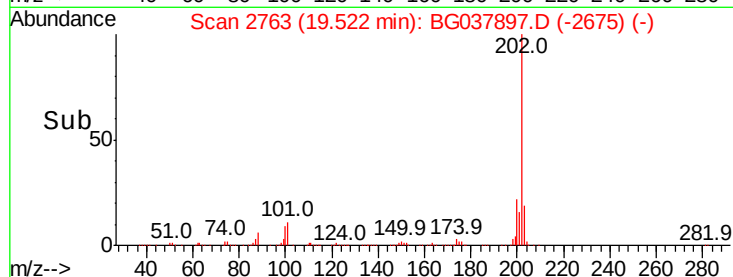
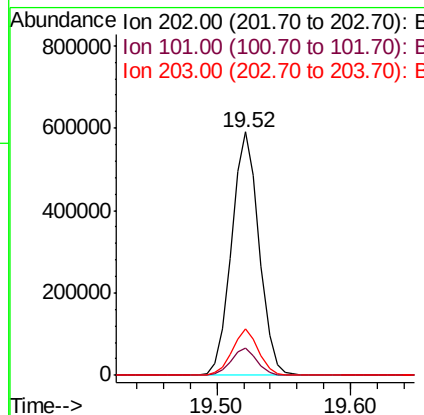
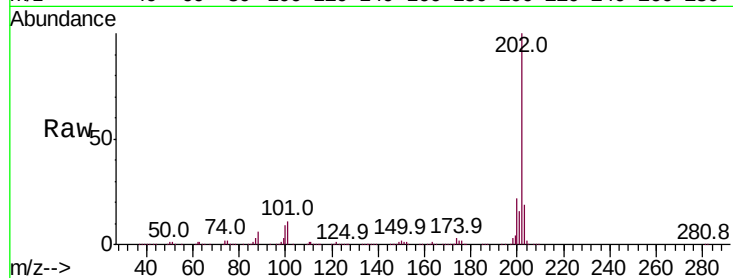
RT: 19.52 min Scan# 2763

Delta R.T. -0.02 min

Lab File: BG037897.D

Acq: 8 Nov 2018 22:29

Tot Ion:	202	Resp:	847202
Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	30.7
203	19.1	0.0	38.5



#76

Chrysene-d12

Concen: 20.000 ng

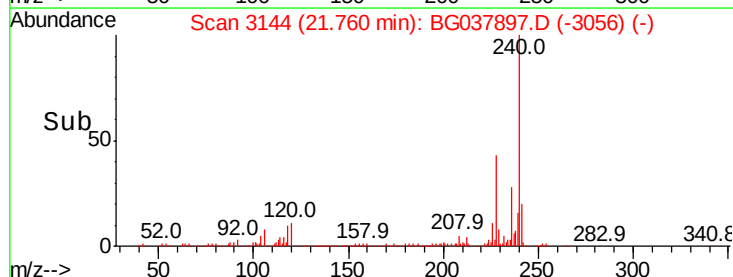
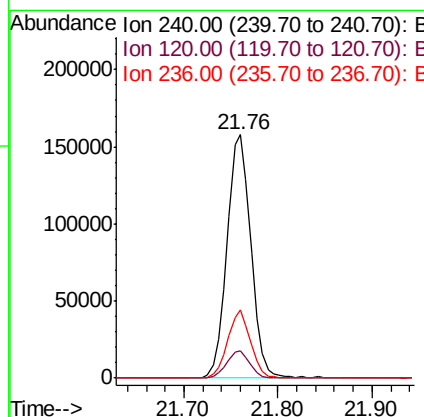
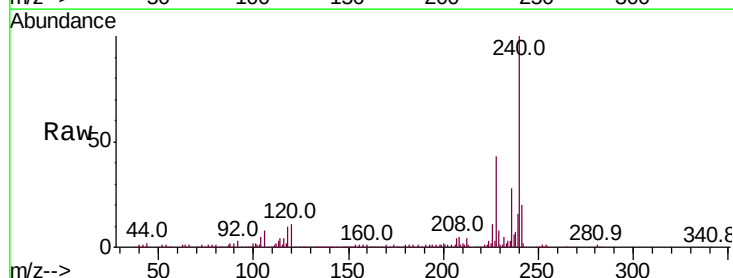
RT: 21.76 min Scan# 3144

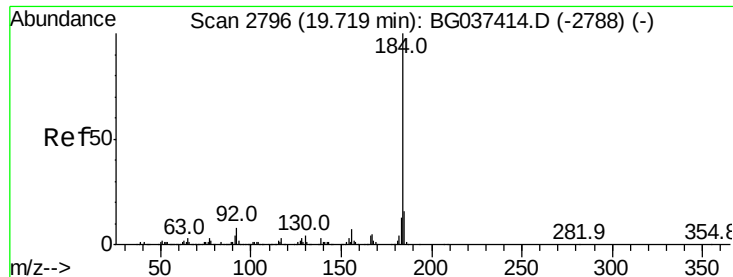
Delta R.T. -0.02 min

Lab File: BG037897.D

Acq: 8 Nov 2018 22:29

Tgt Ion:	240	Resp:	278564
Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.1	12.1
236	28.2	21.4	32.0





#77

Benzidine

Concen: 39.908 ng

RT: 19.70 min Scan# 2794

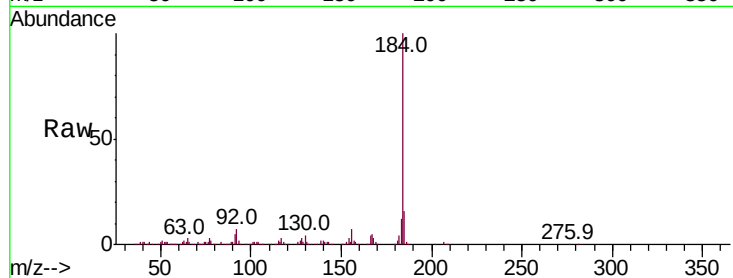
Delta R.T. -0.02 min

Lab File: BG037897.D

Acq: 8 Nov 2018 22:29

Tot Ion:184 Resp: 378008

Ion	Ratio	Lower	Upper
184	100		
185	15.6	12.6	18.8
183	12.2	10.2	15.2

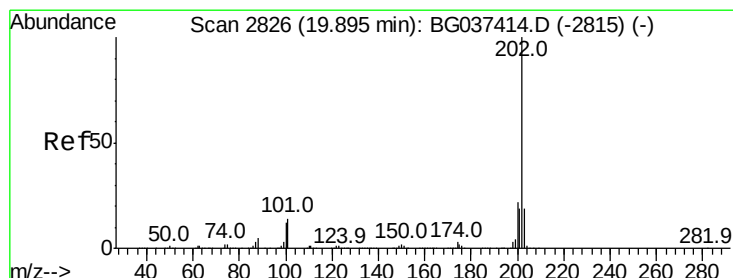
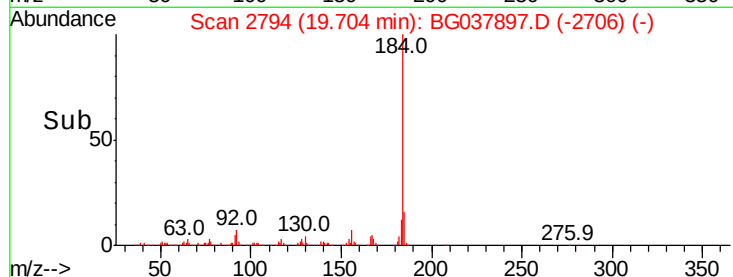
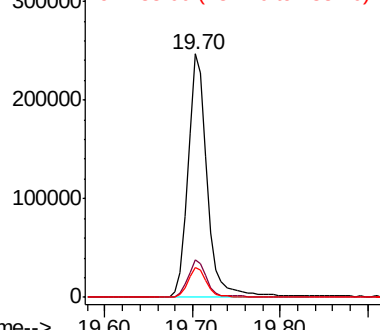


Abundance

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



#78

Pyrene

Concen: 46.887 ng

RT: 19.89 min Scan# 2825

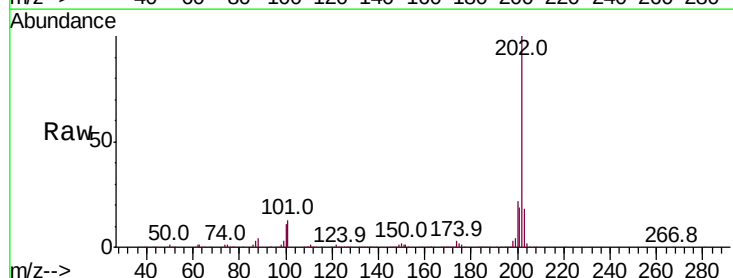
Delta R.T. -0.01 min

Lab File: BG037897.D

Acq: 8 Nov 2018 22:29

Tgt Ion:202 Resp: 853817

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.8	26.6
203	18.3	15.2	22.8

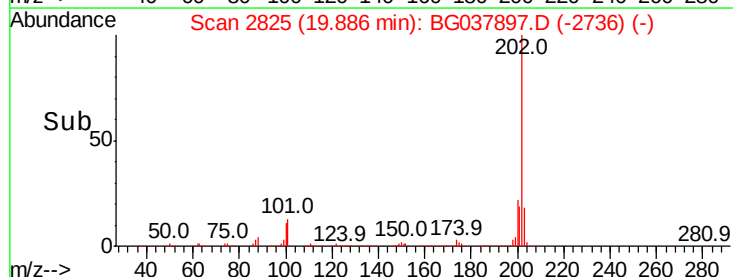
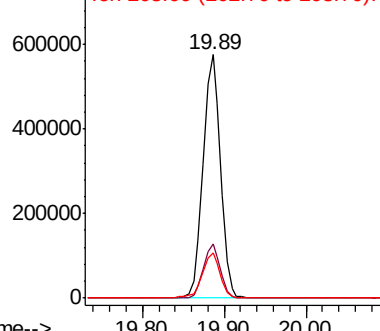


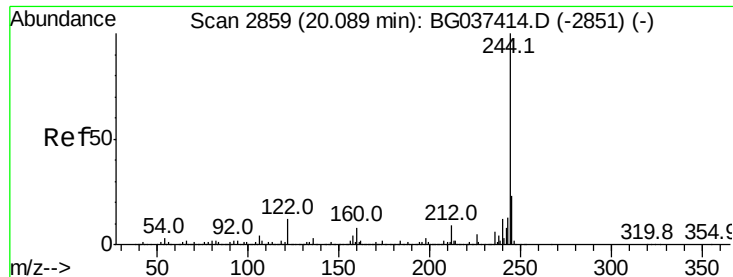
Abundance

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





#79

Terphenyl-d14

Concen: 67.612 ng

RT: 20.07 min Scan# 2857

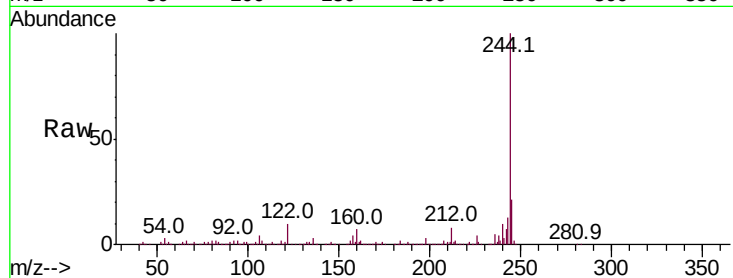
Delta R.T. -0.02 min

Lab File: BG037897.D

Acq: 8 Nov 2018 22:29

Tot Ion:244 Resp: 881437

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.5	9.7
122	10.4	9.0	13.4



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

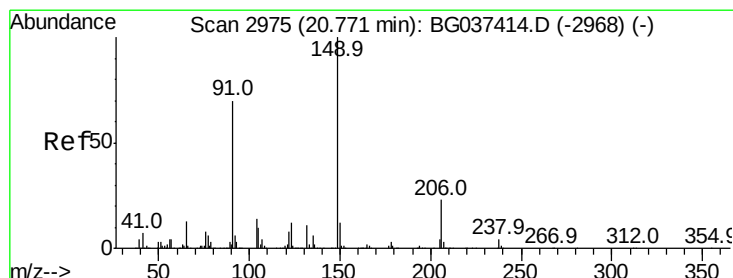
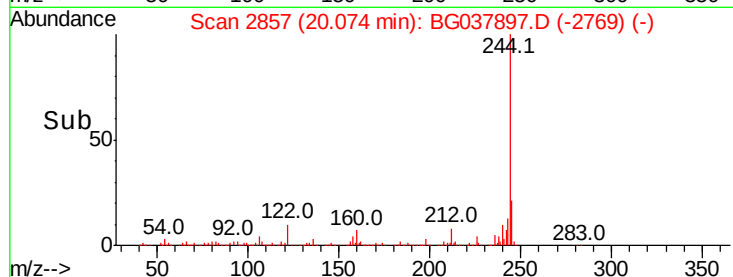
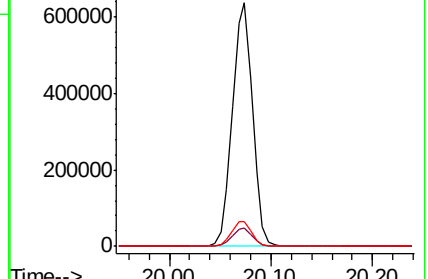
800000

600000

400000

200000

0



#80

Butylbenzylphthalate

Concen: 48.657 ng

RT: 20.76 min Scan# 2973

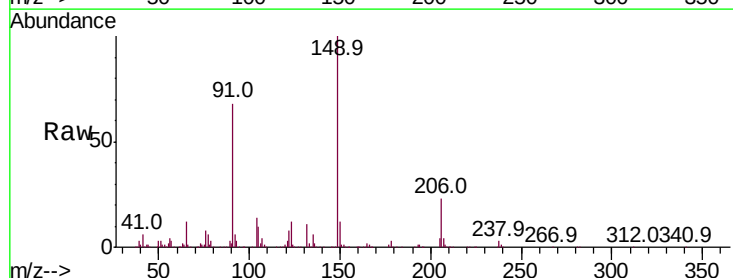
Delta R.T. -0.02 min

Lab File: BG037897.D

Acq: 8 Nov 2018 22:29

Tgt Ion:149 Resp: 362624

Ion	Ratio	Lower	Upper
149	100		
91	68.3	57.0	85.4
206	22.5	17.8	26.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

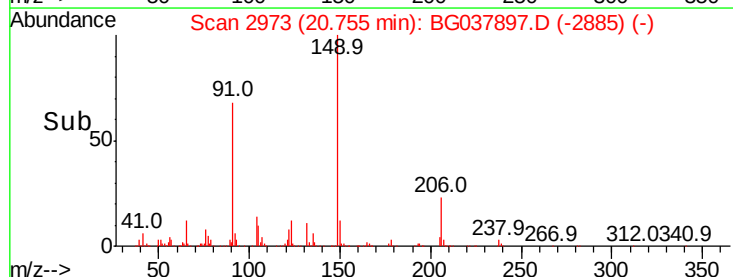
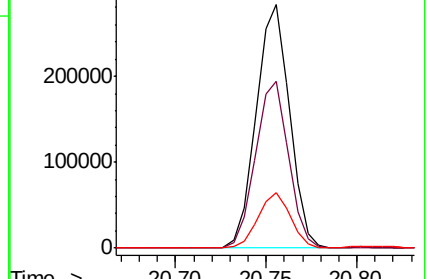
Ion 206.00 (205.70 to 206.70): E

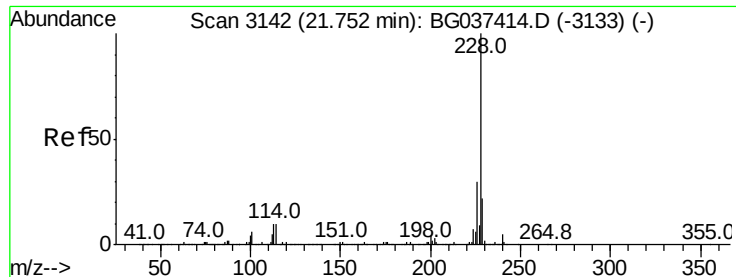
300000

200000

100000

0





#81

Benzo(a)anthracene

Concen: 47.572 ng

RT: 21.74 min Scan# 3140

Delta R.T. -0.02 min

Lab File: BG037897.D

Acq: 8 Nov 2018 22:29

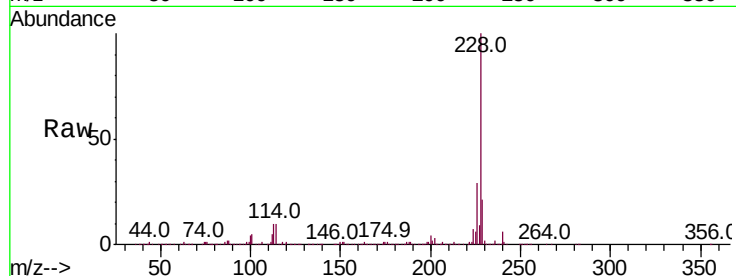
Tot Ion:228 Resp: 783842

Ion Ratio Lower Upper

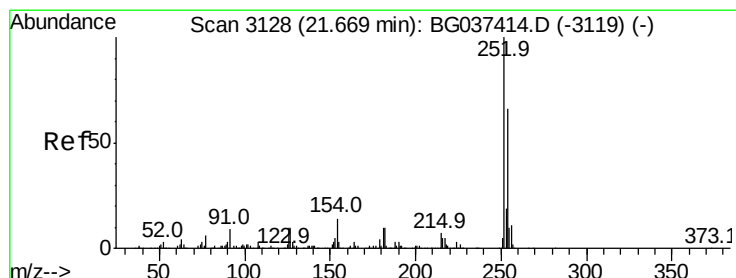
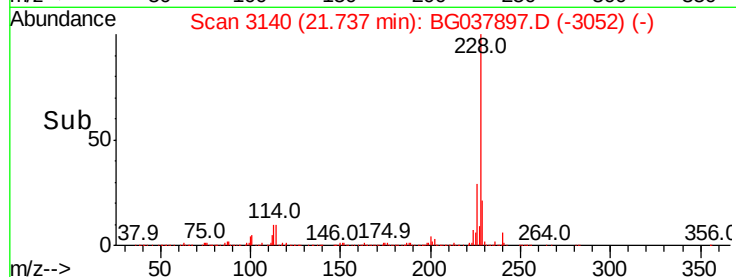
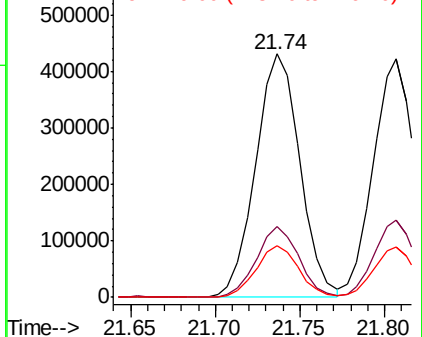
228 100

226 29.3 22.6 33.8

229 21.2 16.3 24.5



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



#82

3,3'-Dichlorobenzidine

Concen: 31.810 ng

RT: 21.65 min Scan# 3126

Delta R.T. -0.02 min

Lab File: BG037897.D

Acq: 8 Nov 2018 22:29

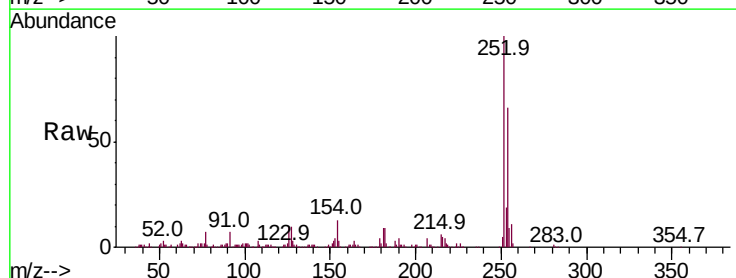
Tgt Ion:252 Resp: 203152

Ion Ratio Lower Upper

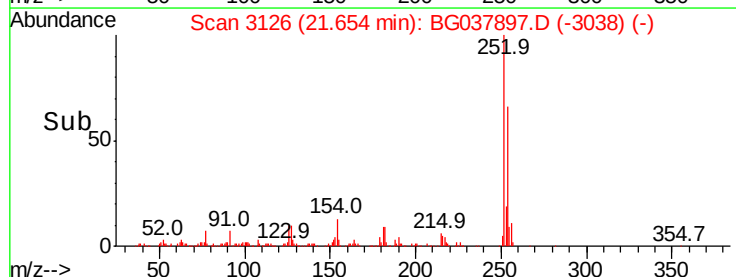
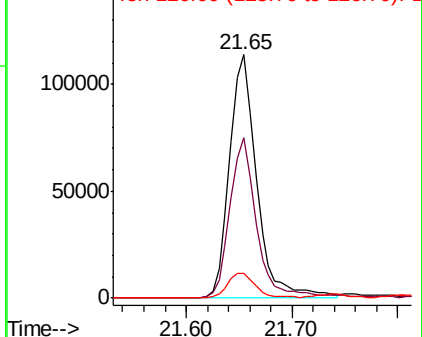
252 100

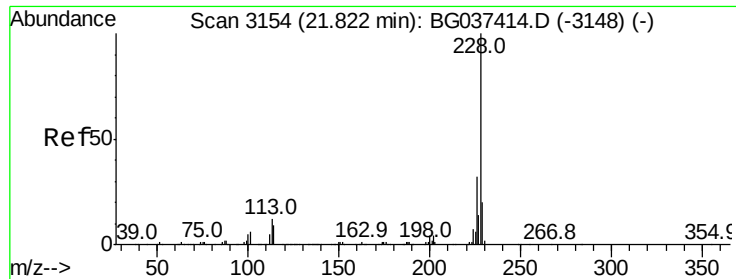
254 66.1 52.0 78.0

126 9.9 8.2 12.4



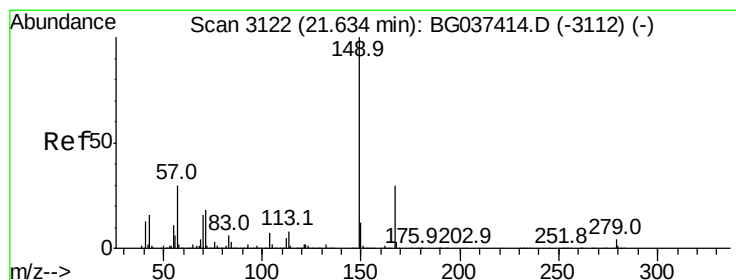
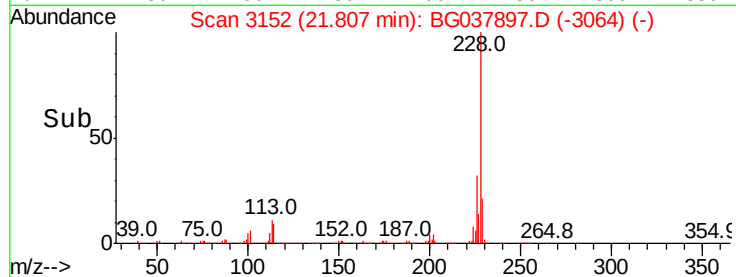
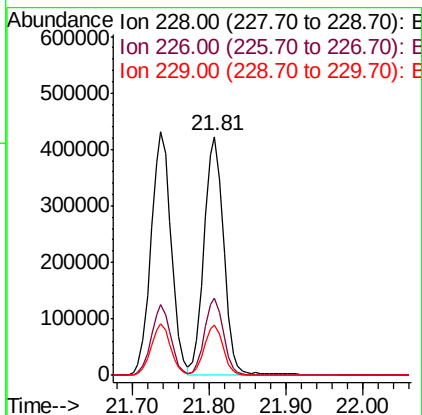
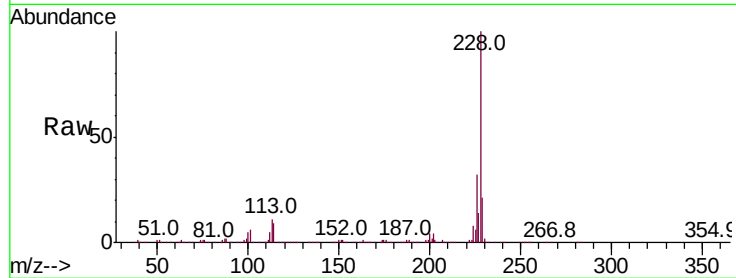
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





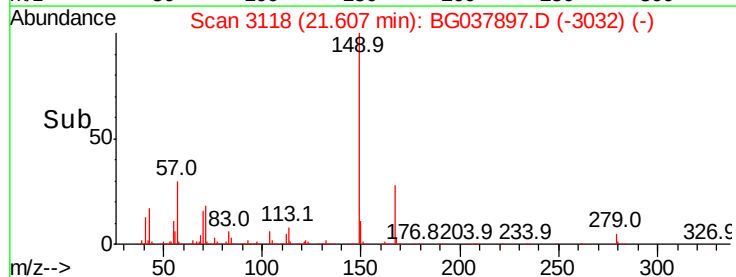
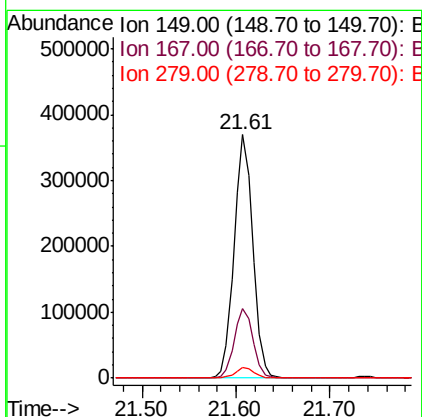
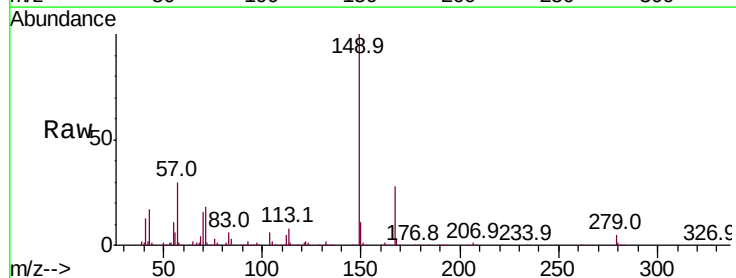
#83
Chrysene
Concen: 46.624 ng
RT: 21.81 min Scan# 3152
Delta R.T. -0.02 min
Lab File: BG037897.D
Acq: 8 Nov 2018 22:29

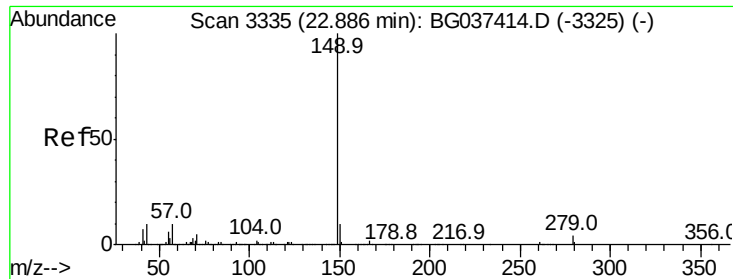
Tot Ion:228	Resp:	738697
Ion	Ratio	Lower Upper
228	100	
226	32.1	25.7 38.5
229	20.9	16.5 24.7



#84
Bis(2-ethylhexyl)phthalate
Concen: 48.848 ng
RT: 21.61 min Scan# 3118
Delta R.T. -0.03 min
Lab File: BG037897.D
Acq: 8 Nov 2018 22:29

Tgt Ion:149	Resp:	510287
Ion	Ratio	Lower Upper
149	100	
167	28.4	23.0 34.4
279	4.6	3.6 5.4





#85

Di-n-octyl phthalate

Concen: 50.708 ng

RT: 22.85 min Scan# 3329

Delta R.T. -0.04 min

Lab File: BG037897.D

Acq: 8 Nov 2018 22:29

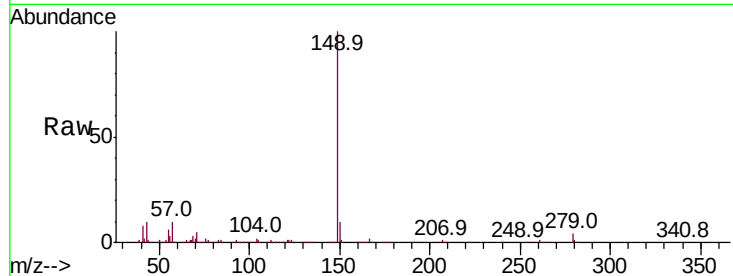
Tot Ion:149 Resp: 863795

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

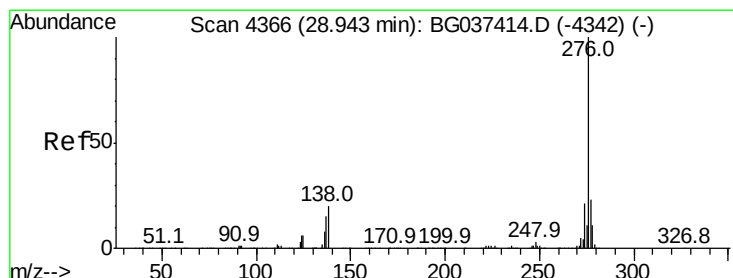
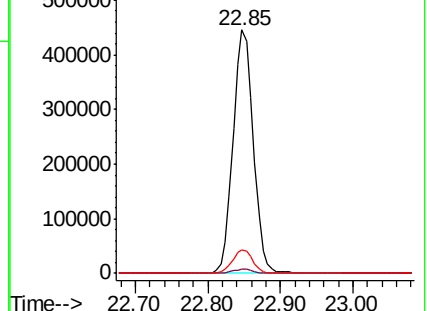
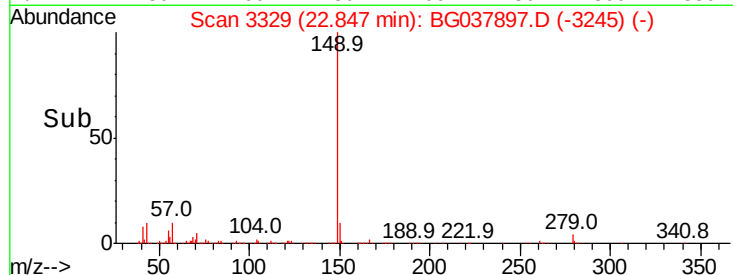
43 9.8 8.7 13.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.497 ng

RT: 28.90 min Scan# 4359

Delta R.T. -0.04 min

Lab File: BG037897.D

Acq: 8 Nov 2018 22:29

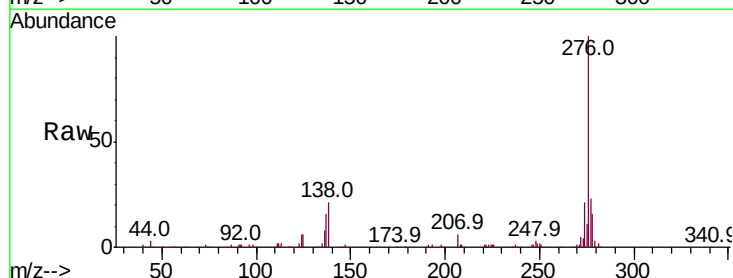
Tgt Ion:276 Resp: 705173

Ion Ratio Lower Upper

276 100

138 11.2 12.0 18.0#

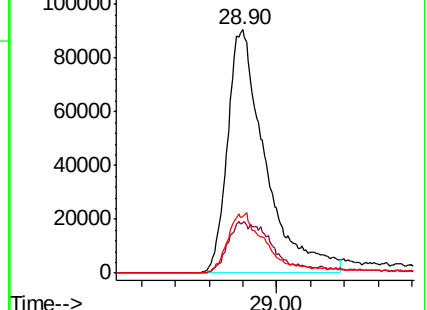
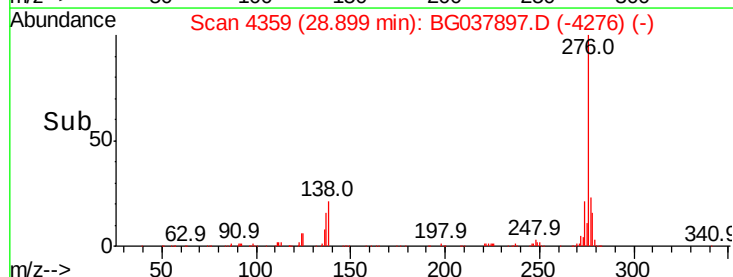
277 8.8 20.6 30.8#

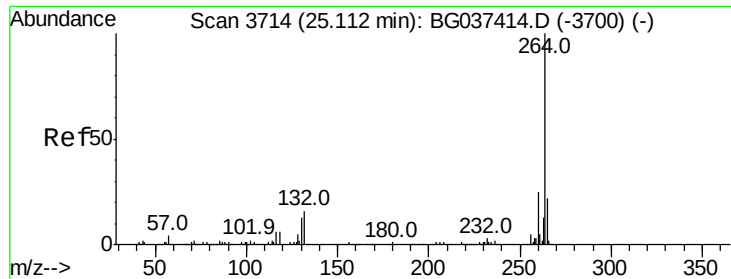


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.09 min Scan# 3710

Delta R.T. -0.03 min

Lab File: BG037897.D

Acq: 8 Nov 2018 22:29

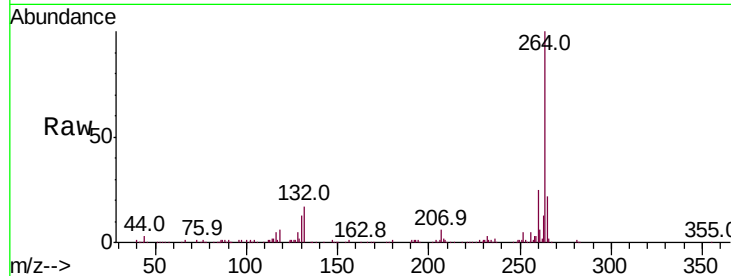
Tot Ion:264 Resp: 277233

Ion	Ratio	Lower	Upper
264	100		
260	25.3	18.2	27.4
265	21.5	17.9	26.9

264 100

260 25.3 18.2 27.4

265 21.5 17.9 26.9

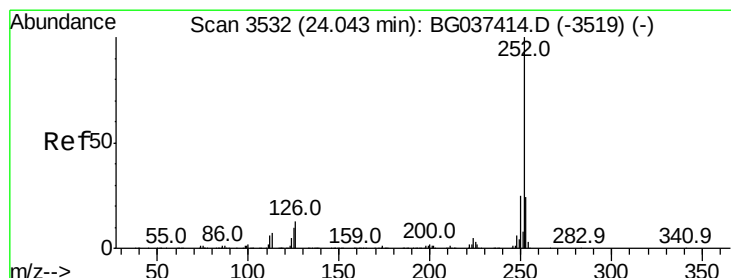
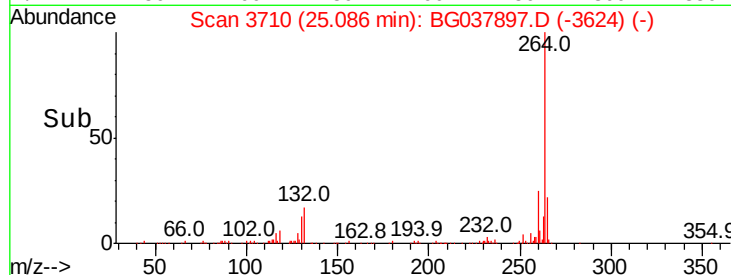
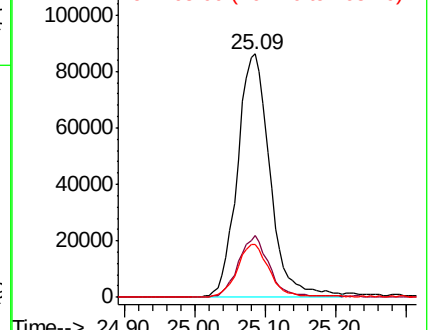


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 48.254 ng

RT: 24.02 min Scan# 3528

Delta R.T. -0.03 min

Lab File: BG037897.D

Acq: 8 Nov 2018 22:29

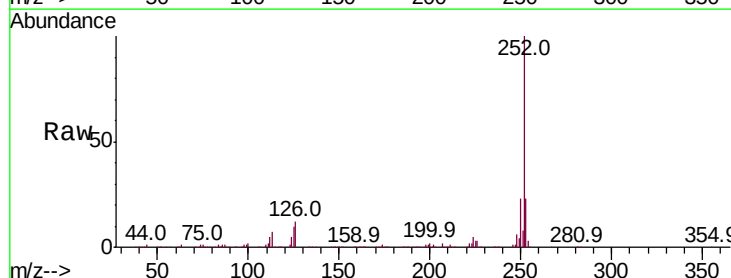
Tgt Ion:252 Resp: 733411

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	10.3	7.8	11.6

252 100

253 22.6 18.2 27.2

125 10.3 7.8 11.6

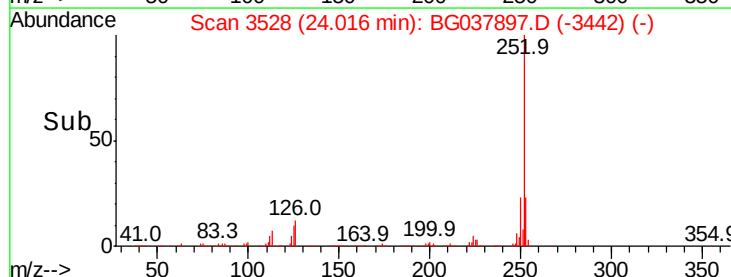
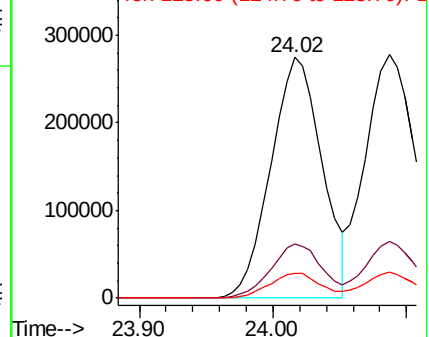


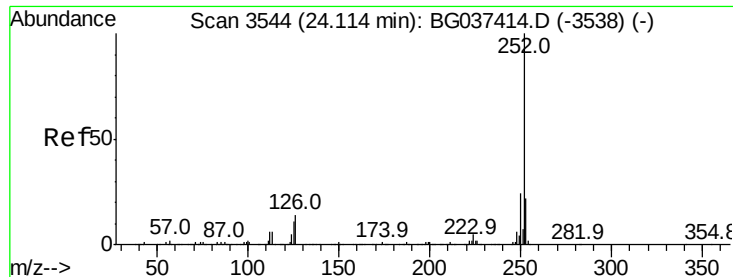
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

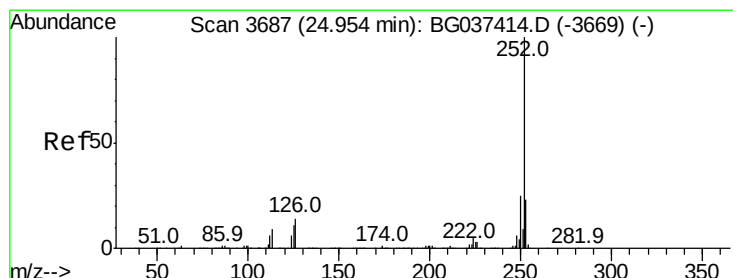
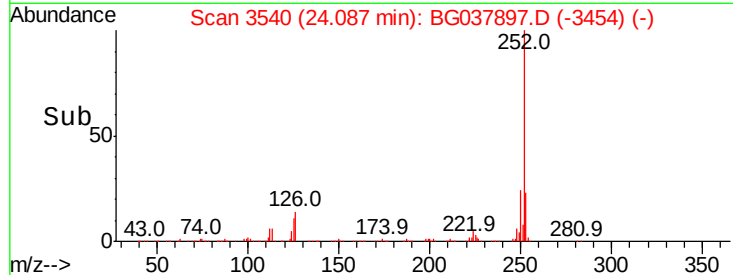
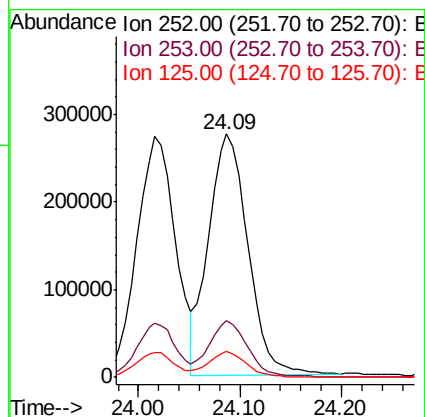
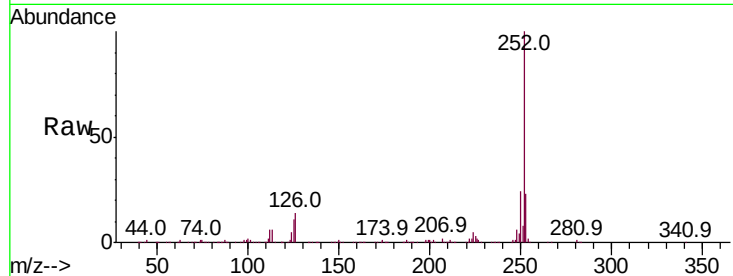
Ion 125.00 (124.70 to 125.70): E





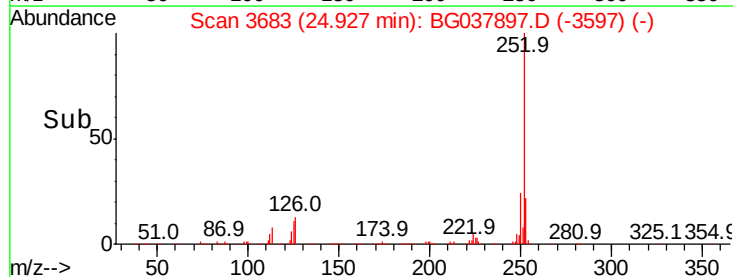
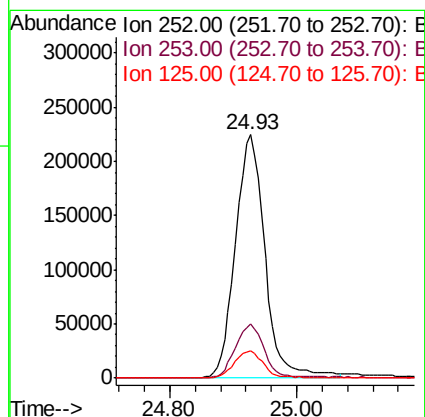
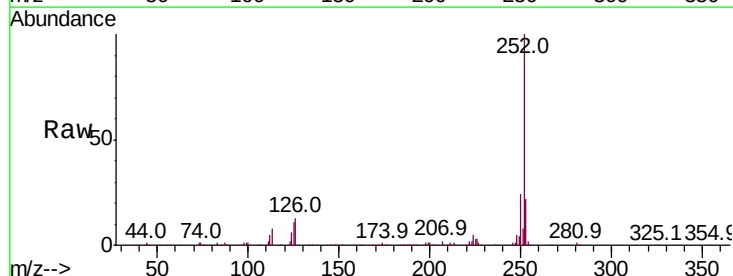
#89
Benzo(k)fluoranthene
Concen: 49.946 ng
RT: 24.09 min Scan# 3540
Delta R.T. -0.03 min
Lab File: BG037897.D
Acq: 8 Nov 2018 22:29

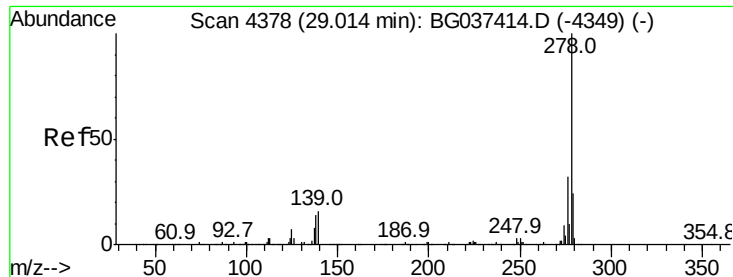
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.4	26.2
125	10.6	7.4	11.0



#90
Benzo(a)pyrene
Concen: 49.961 ng
RT: 24.93 min Scan# 3683
Delta R.T. -0.03 min
Lab File: BG037897.D
Acq: 8 Nov 2018 22:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	11.3	9.0	13.6





#91

Dibenzo(a,h)anthracene

Concen: 40.471 ng

RT: 28.96 min Scan# 4370

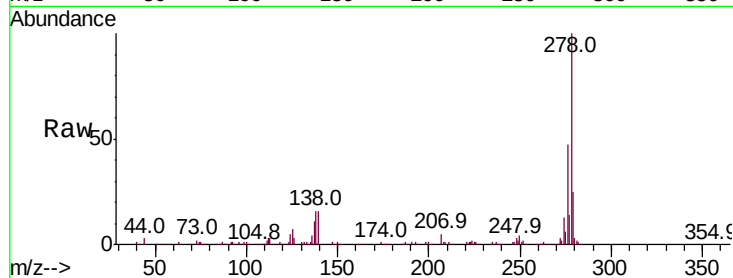
Delta R.T. -0.05 min

Lab File: BG037897.D

Acq: 8 Nov 2018 22:29

Tot Ion:278 Resp: 539160

Ion	Ratio	Lower	Upper
278	100		
139	16.1	11.5	17.3
279	25.0	18.6	27.8

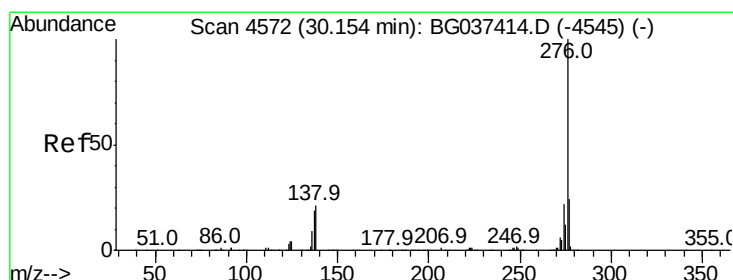
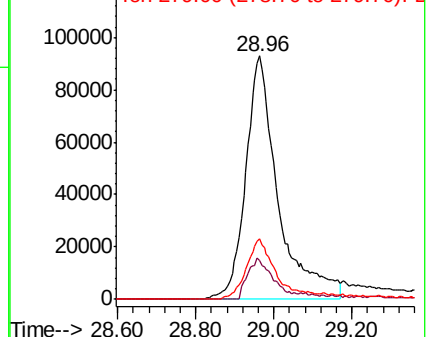
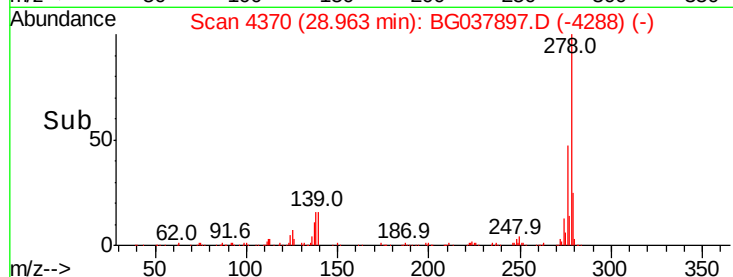


Abundance

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



#92

Benzo(g,h,i)perylene

Concen: 42.240 ng

RT: 30.10 min Scan# 4563

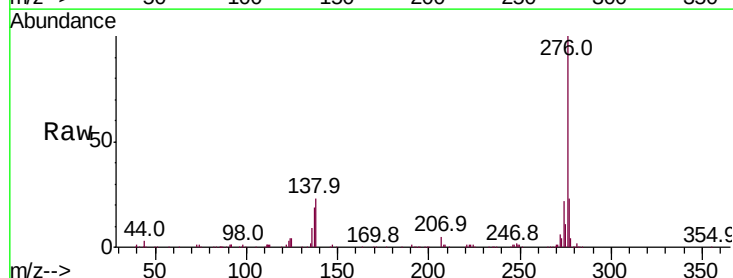
Delta R.T. -0.06 min

Lab File: BG037897.D

Acq: 8 Nov 2018 22:29

Tgt Ion:276 Resp: 569317

Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.9	28.3
138	23.4	17.2	25.8



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

