

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052918\
 Data File : BG034782.D
 Acq On : 29 May 2018 18:18
 Operator : SJ/JU
 Sample : PB109727BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 30 04:40:17 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG051618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 25 14:58:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	84901	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	309772	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	213351	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	549522	20.00	ng	0.00
75) Chrysene-d12	21.72	240	653875	20.00	ng	-0.01
86) Perylene-d12	24.98	264	731158	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	749461	135.96	ng	0.00
7) Phenol-d6	7.21	99	1066965	119.65	ng	0.00
23) Nitrobenzene-d5	9.20	82	632191	77.96	ng	0.00
41) 2,4,6-Tribromophenol	16.18	330	518696	141.16	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	1353088	86.10	ng	0.00
78) Terphenyl-d14	20.05	244	2593804	86.99	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	87438	38.619	ng	# 73
3) Pyridine	3.92	79	243174	33.303	ng	# 73
4) n-Nitrosodimethylamine	3.83	42	95447	22.349	ng	# 64
6) Aniline	7.36	93	208918	17.948	ng	92
8) 2-Chlorophenol	7.61	128	225290	38.648	ng	96
9) Benzaldehyde	7.17	77	56937	9.241	ng	88
10) Phenol	7.23	94	345847	38.890	ng	96
11) bis(2-Chloroethyl)ether	7.45	93	253790	37.776	ng	# 83
12) 1,3-Dichlorobenzene	7.92	146	260657	37.997	ng	98
13) 1,4-Dichlorobenzene	8.07	146	264190	37.822	ng	93
14) 1,2-Dichlorobenzene	8.39	146	239768	34.971	ng	92
15) Benzyl Alcohol	8.28	79	255083	27.954	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.55	45	265576	34.830	ng	80
17) 2-Methylphenol	8.48	107	215138	36.012	ng	91
18) Hexachloroethane	9.12	117	92923	31.621	ng	99
19) n-Nitroso-di-n-propylamine	8.84	70	205434	28.129	ng	# 83
20) 3+4-Methylphenols	8.81	107	292793	35.153	ng	94
22) Acetophenone	8.86	105	379307	38.328	ng	# 89
24) Nitrobenzene	9.25	77	298644	35.483	ng	# 94
25) Isophorone	9.76	82	545868	34.728	ng	97
26) 2-Nitrophenol	9.96	139	130407	43.389	ng	93
27) 2,4-Dimethylphenol	10.02	122	230870	43.933	ng	94
28) bis(2-Chloroethoxy)methane	10.25	93	334226	42.247	ng	97
29) 2,4-Dichlorophenol	10.50	162	253412	46.242	ng	99
30) 1,2,4-Trichlorobenzene	10.71	180	266710	40.932	ng	99
31) Naphthalene	10.90	128	673603	41.823	ng	98
32) Benzoic acid	10.16	122	146269	39.304	ng	98
33) 4-Chloroaniline	11.01	127	92743	13.204	ng	# 96
34) Hexachlorobutadiene	11.18	225	192687	37.222	ng	91
35) Caprolactam	11.78	113	89884m	43.144	ng	
36) 4-Chloro-3-methylphenol	12.14	107	288569	39.080	ng	97
37) 2-Methylnaphthalene	12.51	142	522153	40.144	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	342455	42.710	ng	98
40) Hexachlorocyclopentadiene	12.85	237	458615	73.044	ng	92

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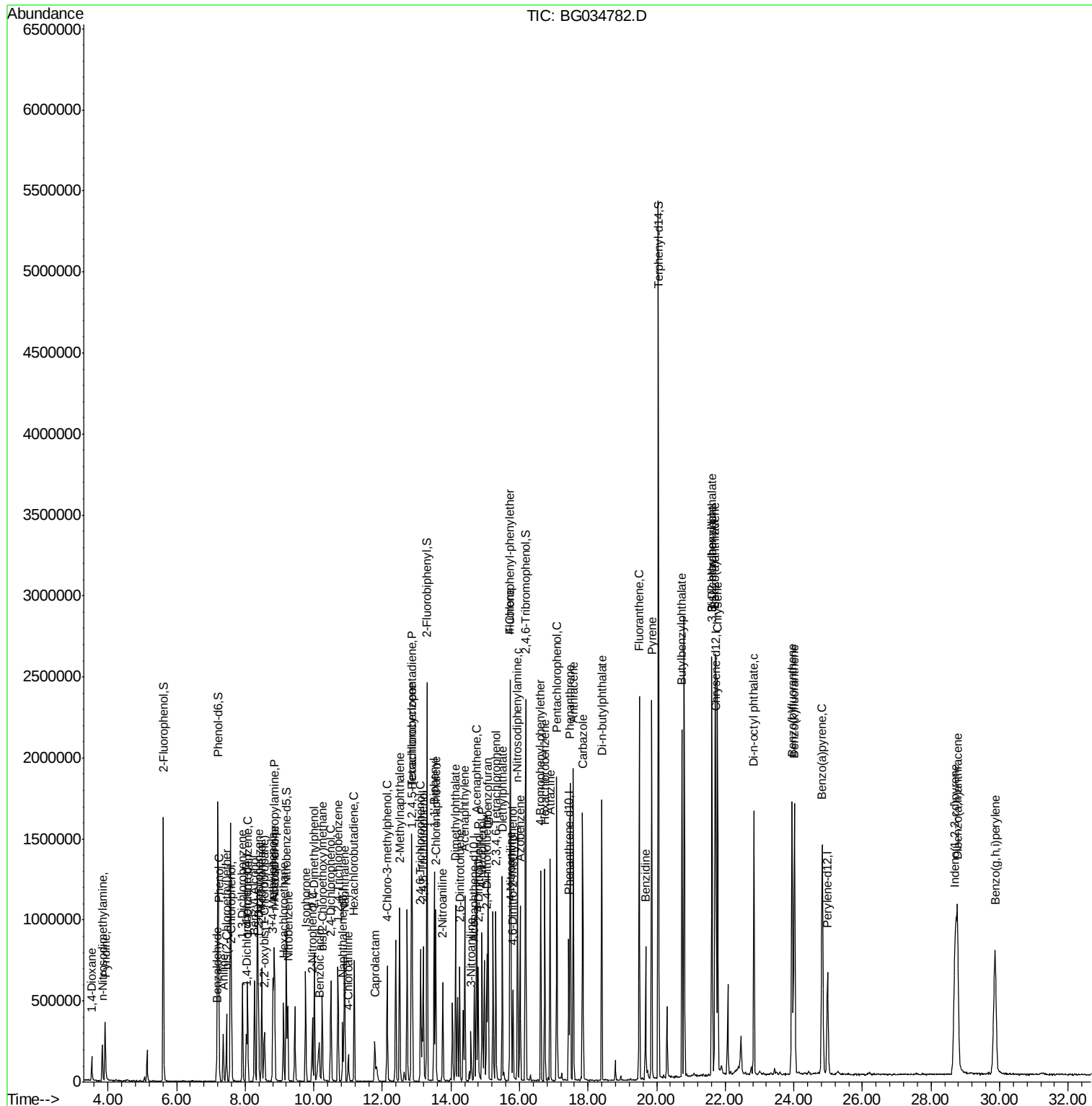
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

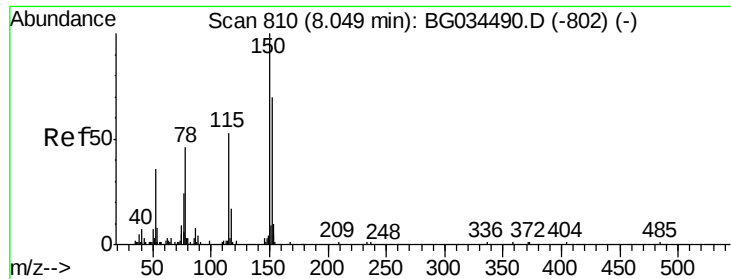
42) 2,4,6-Trichlorophenol	13.12	196	226151	45.337	nq	96
43) 2,4,5-Trichlorophenol	13.19	196	244576	44.686	nq	93
45) 1,1'-Biphenyl	13.51	154	709344	42.214	nq	99
46) 2-Chloronaphthalene	13.56	162	561403	42.445	nq	95
47) 2-Nitroaniline	13.76	65	182583	33.789	nq	94
48) Acenaphthylene	14.40	152	844479	41.720	nq	98
49) Dimethylphthalate	14.13	163	718217	39.001	nq	# 99
50) 2,6-Dinitrotoluene	14.26	165	163982	43.422	nq	# 89
51) Acenaphthene	14.74	154	545418	41.563	nq	92
52) 3-Nitroaniline	14.59	138	74677	21.395	nq	# 95
53) 2,4-Dinitrophenol	14.80	184	191305	76.998	nq	# 50
54) Dibenzofuran	15.08	168	887258	41.219	nq	98
55) 4-Nitrophenol	14.91	139	269321	87.805	nq	95
56) 2,4-Dinitrotoluene	15.04	165	244280	43.576	nq	# 83
57) Fluorene	15.73	166	702831	41.835	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.31	232	261459	43.790	nq	# 86
59) Diethylphthalate	15.50	149	705550	36.840	nq	93
60) 4-Chlorophenyl-phenylether	15.73	204	417242	41.823	nq	95
61) 4-Nitroaniline	15.76	138	160760	40.627	nq	86
62) Azobenzene	16.01	77	725911	35.704	nq	94
64) 4,6-Dinitro-2-methylphenol	15.81	198	149486	42.421	nq	78
65) n-Nitrosodiphenylamine	15.94	169	685193	42.639	nq	95
66) 4-Bromophenyl-phenylether	16.62	248	311630	43.091	nq	98
67) Hexachlorobenzene	16.74	284	328983	41.167	nq	# 90
68) Atrazine	16.89	200	293228	41.174	nq	98
69) Pentachlorophenol	17.09	266	424727	88.129	nq	98
70) Phenanthrene	17.48	178	1240819	41.457	nq	98
71) Anthracene	17.57	178	1277761	42.131	nq	98
72) Carbazole	17.84	167	1121900	44.699	nq	98
73) Di-n-butylphthalate	18.40	149	1239586	39.891	nq	# 99
74) Fluoranthene	19.49	202	1606222	43.666	nq	95
76) Benzidine	19.67	184	586167	33.665	nq	99
77) Pyrene	19.86	202	1616940	39.505	nq	97
79) Butylbenzylphthalate	20.74	149	613551	38.879	nq	95
80) Benzo(a)anthracene	21.71	228	1759200	41.404	nq	98
81) 3,3'-Dichlorobenzidine	21.62	252	426685	25.819	nq	# 97
82) Chrysene	21.77	228	1679900	43.110	nq	97
83) Bis(2-ethylhexyl)phthalate	21.61	149	855345	39.908	nq	# 99
84) Di-n-octyl phthalate	22.84	149	1476209	41.147	nq	# 94
85) Indeno(1,2,3-cd)pyrene	28.70	276	2213113	44.387	nq	# 85
87) Benzo(b)fluoranthene	23.95	252	1865282	40.316	nq	# 96
88) Benzo(k)fluoranthene	24.02	252	1816136	41.323	nq	# 94
89) Benzo(a)pyrene	24.83	252	1807471	41.160	nq	# 96
90) Dibenzo(a,h)anthracene	28.77	278	1845961	42.390	nq	# 94
91) Benzo(g,h,i)perylene	29.87	276	1831370	41.835	nq	# 91

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

```
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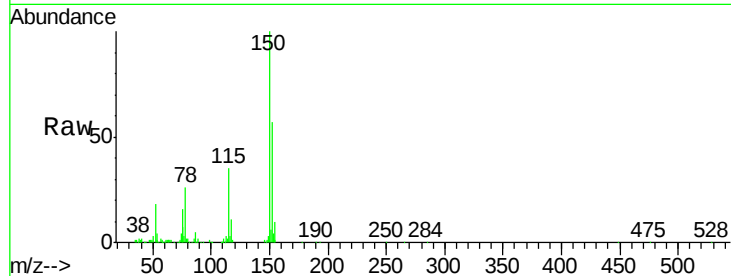




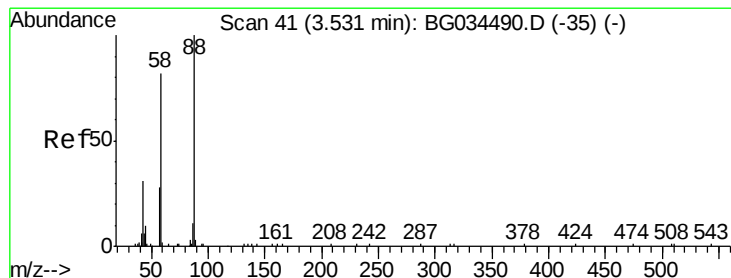
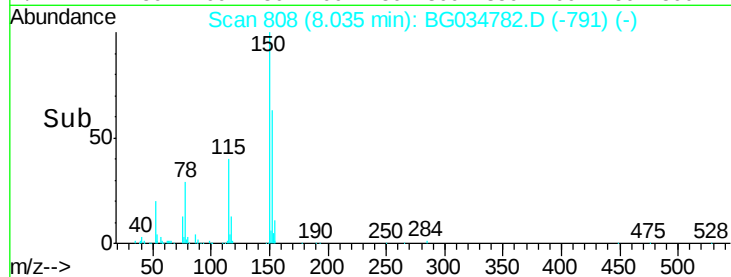
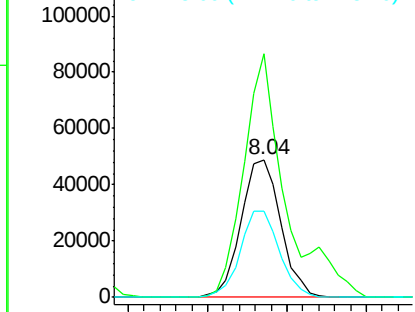
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 808
Delta R.T. 0.00 min
Lab File: BG034782.D
Acq: 29 May 2018 18:18

Tot Ion	Ratio	Lower	Upper
152	100		
150	176.5	126.6	189.8
115	62.5	53.0	79.4



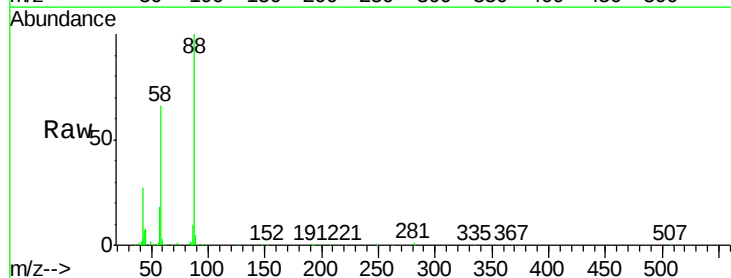
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



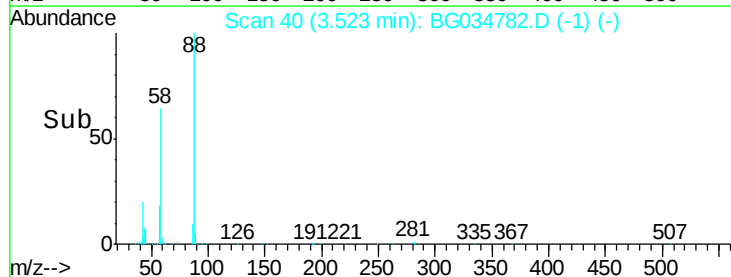
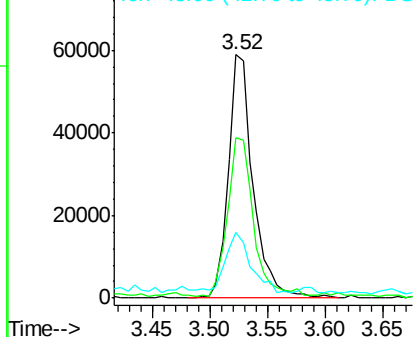
#2

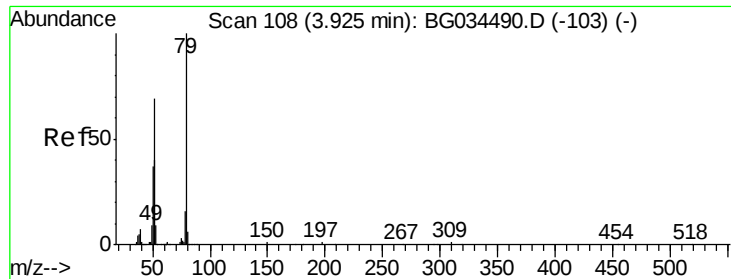
1,4-Dioxane
Concen: 38.619 ng
RT: 3.52 min Scan# 40
Delta R.T. -0.01 min
Lab File: BG034782.D
Acq: 29 May 2018 18:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.2	79.6	119.4#
43	25.0	27.4	41.0#



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





#3

Pvridine

Concen: 33.303 ng

RT: 3.92 min Scan# 107

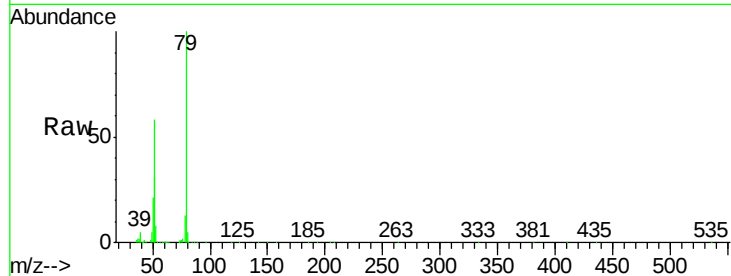
Delta R.T. -0.01 min

Lab File: BG034782.D

Acq: 29 May 2018 18:18

Tot Ion: 79 Resp: 243174

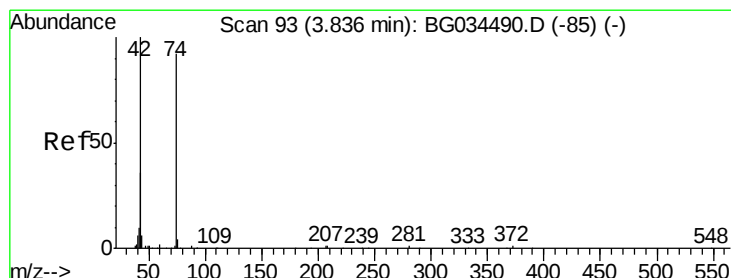
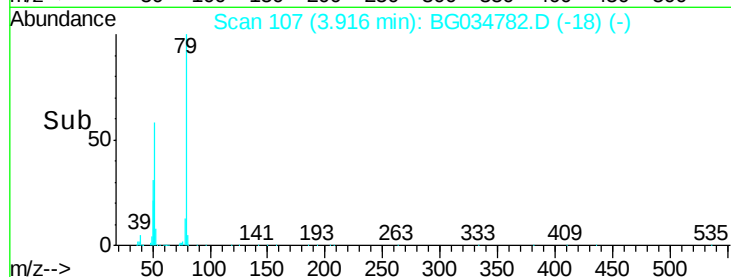
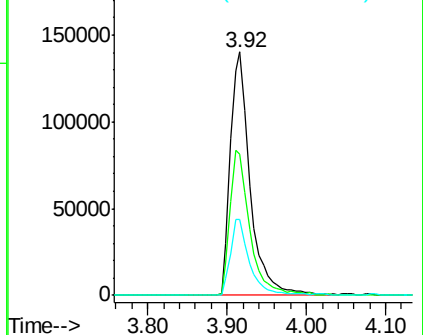
Ion	Ratio	Lower	Upper
79	100		
52	58.1	69.9	104.9#
51	31.0	34.0	51.0#



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 22.349 ng

RT: 3.83 min Scan# 93

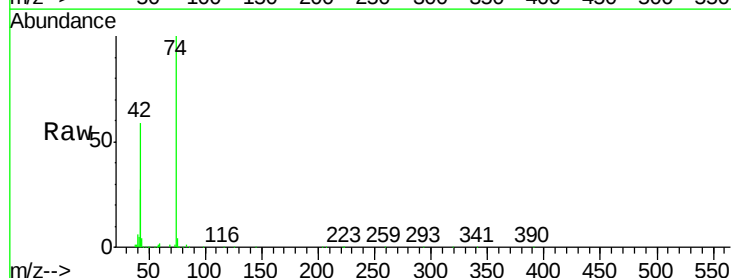
Delta R.T. -0.01 min

Lab File: BG034782.D

Acq: 29 May 2018 18:18

Tgt Ion: 42 Resp: 95447

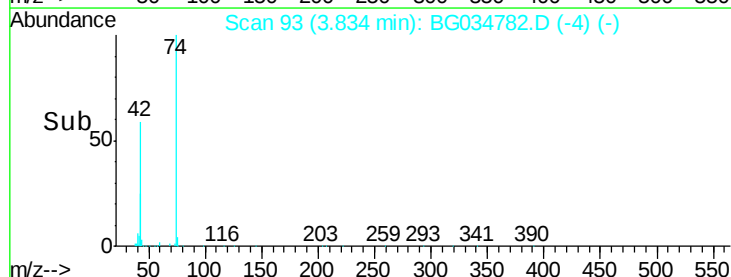
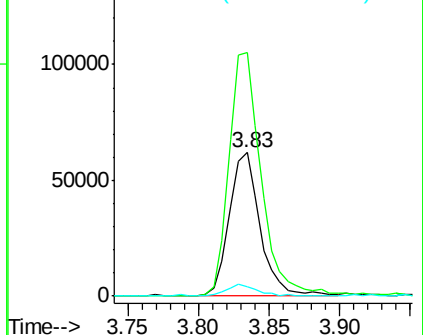
Ion	Ratio	Lower	Upper
42	100		
74	169.4	102.5	153.7#
44	6.1	18.9	28.3#

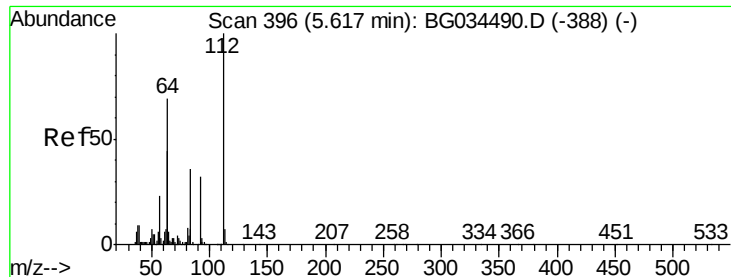


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 135.963 ng

RT: 5.61 min Scan# 396

Delta R.T. 0.00 min

Lab File: BG034782.D

Acq: 29 May 2018 18:18

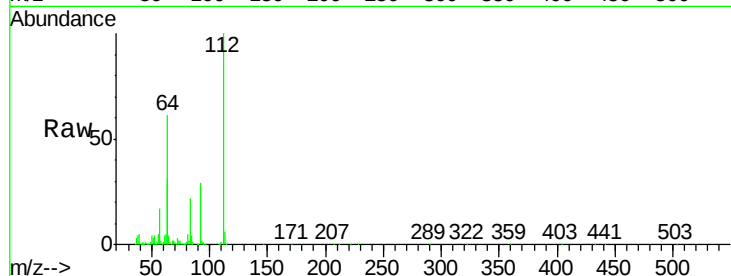
Tot Ion: 112 Resp: 749461

Ion Ratio Lower Upper

112 100

64 60.7 56.3 84.5

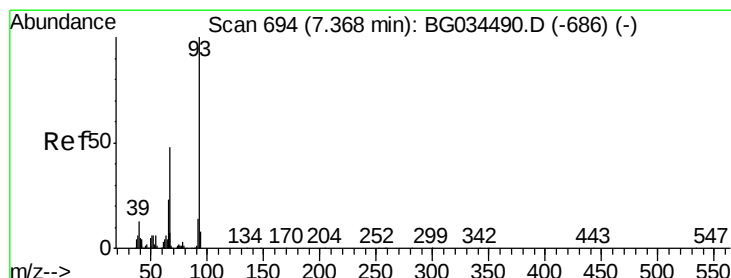
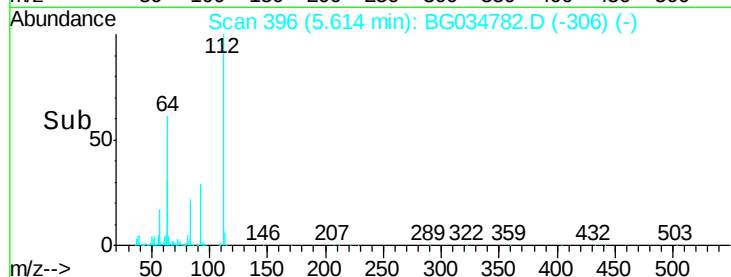
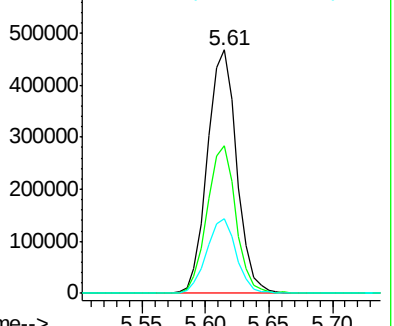
63 30.8 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 17.948 ng

RT: 7.36 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG034782.D

Acq: 29 May 2018 18:18

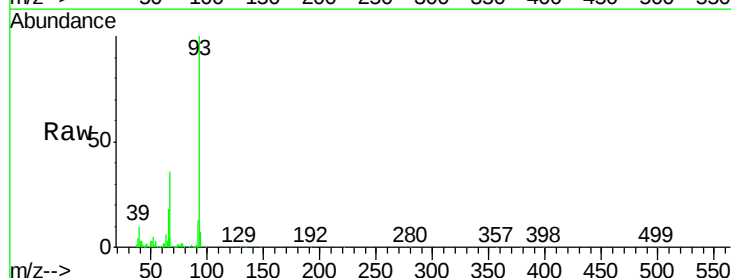
Tgt Ion: 93 Resp: 208918

Ion Ratio Lower Upper

93 100

66 35.8 33.7 50.5

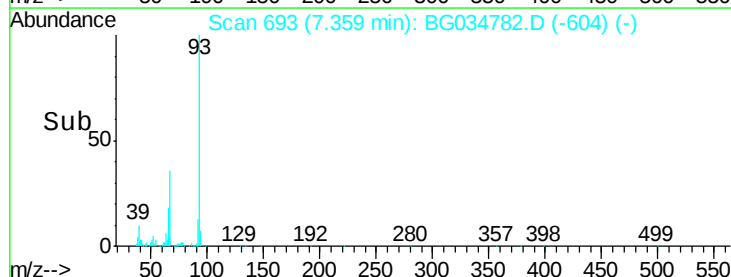
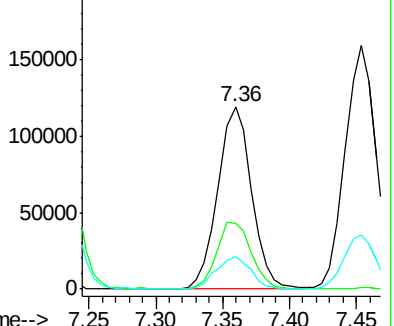
65 17.7 16.1 24.1

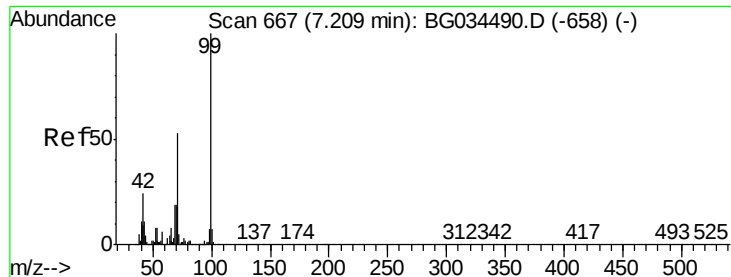


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 119.654 ng

RT: 7.21 min Scan# 667

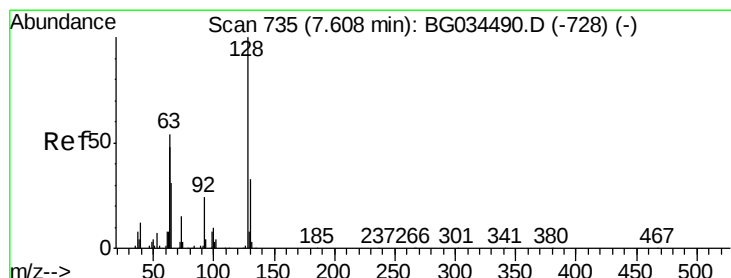
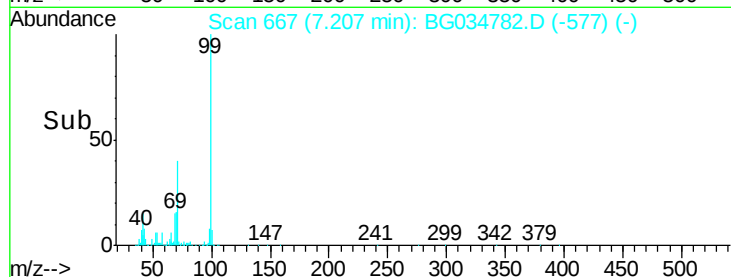
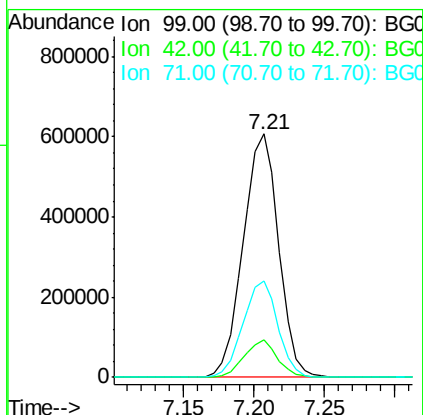
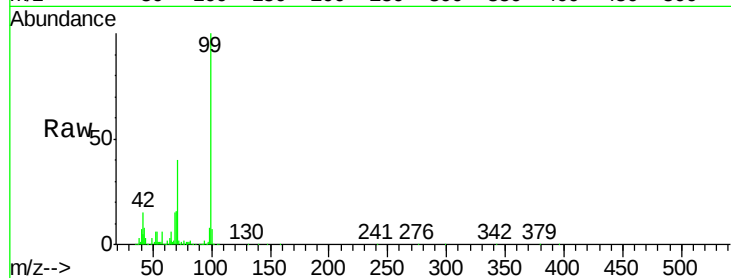
Delta R.T. 0.00 min

Lab File: BG034782.D

Acq: 29 May 2018 18:18

Tot Ion: 99 Resp: 1066965

Ion	Ratio	Lower	Upper
99	100		
42	15.5	14.1	21.1
71	39.8	26.1	39.1#



#8

2-Chlorophenol

Concen: 38.648 ng

RT: 7.61 min Scan# 735

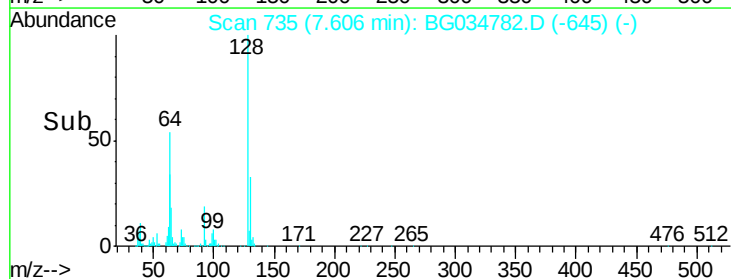
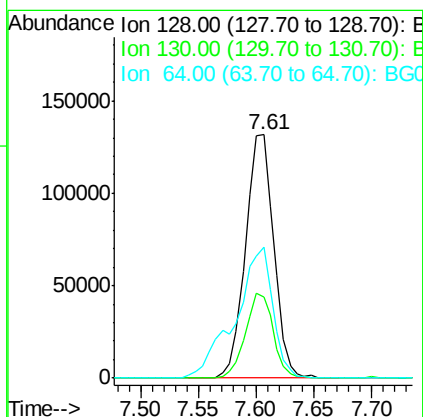
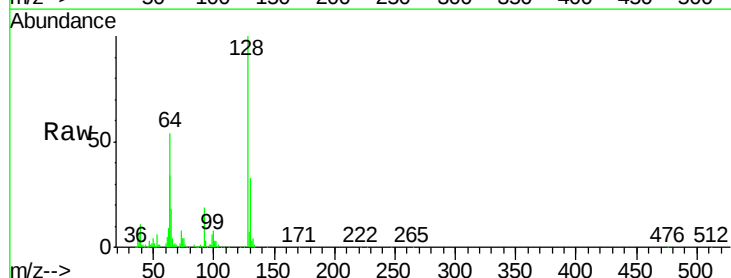
Delta R.T. 0.00 min

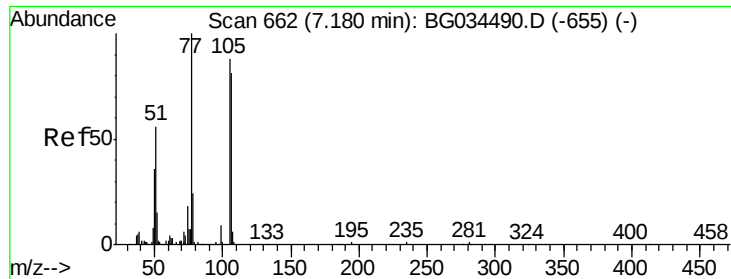
Lab File: BG034782.D

Acq: 29 May 2018 18:18

Tgt Ion: 128 Resp: 225290

Ion	Ratio	Lower	Upper
128	100		
130	33.1	14.0	54.0
64	53.6	37.7	77.7





#9

Benzaldehyde

Concen: 9.241 ng

RT: 7.17 min Scan# 661

Delta R.T. -0.01 min

Lab File: BG034782.D

Acq: 29 May 2018 18:18

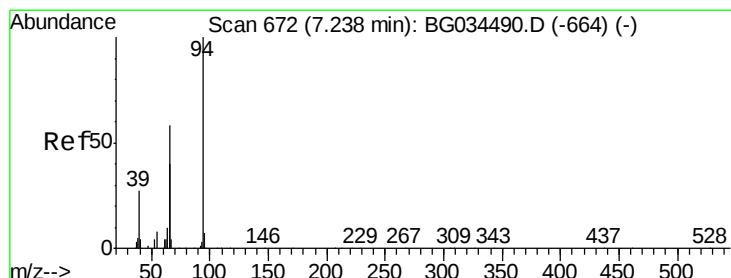
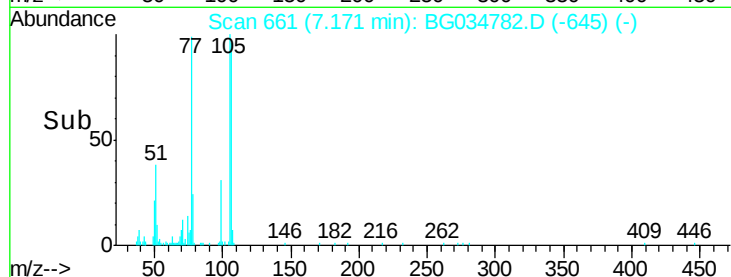
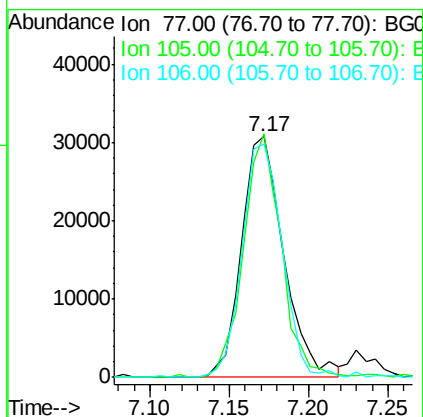
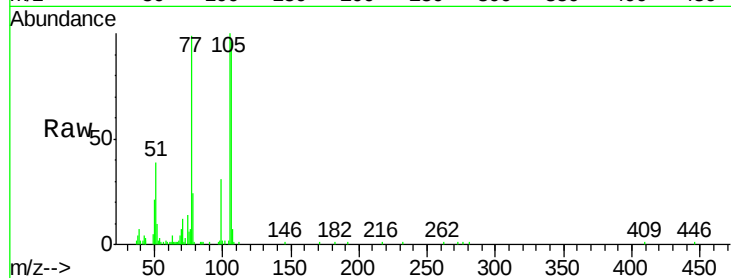
Tot Ion: 77 Resp: 56937

Ion Ratio Lower Upper

77 100

105 101.2 71.3 111.3

106 97.3 64.2 104.2



#10

Phenol

Concen: 38.890 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.01 min

Lab File: BG034782.D

Acq: 29 May 2018 18:18

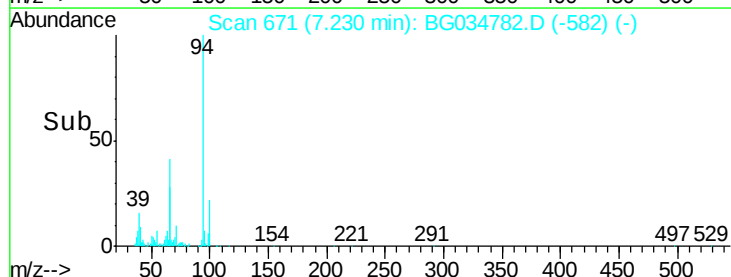
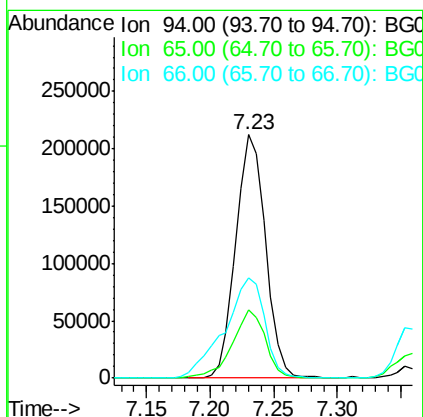
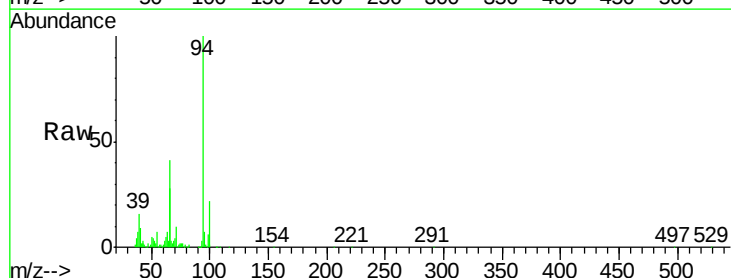
Tgt Ion: 94 Resp: 345847

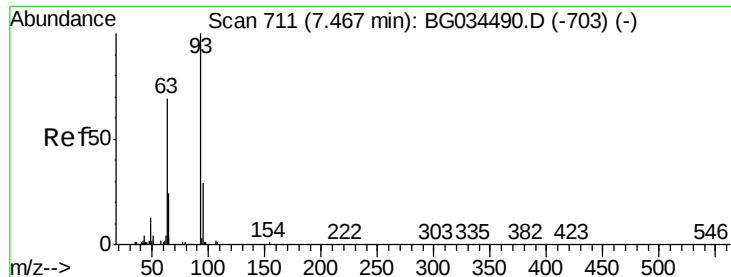
Ion Ratio Lower Upper

94 100

65 27.8 11.9 51.9

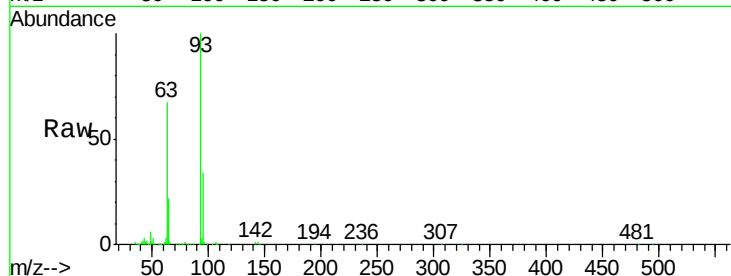
66 41.0 22.2 62.2



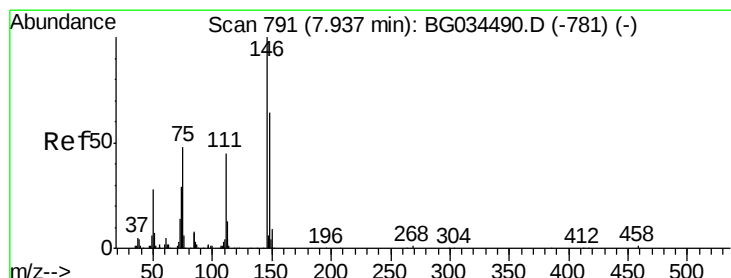
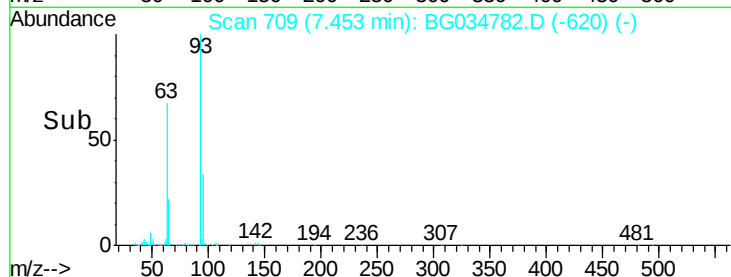
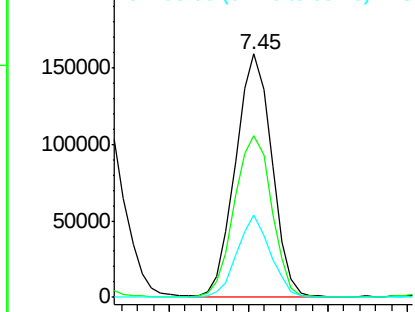


#11
bis(2-Chloroethyl)ether
Concen: 37.776 ng
RT: 7.45 min Scan# 709
Delta R.T. -0.01 min
Lab File: BG034782.D
Acq: 29 May 2018 18:18

Tot Ion	93	Resp	253790
Ion Ratio	100	Lower	Upper
63	66.7	67.1	107.1#
95	33.9	11.5	51.5

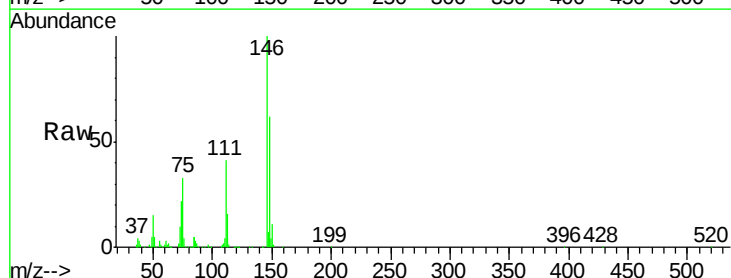


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

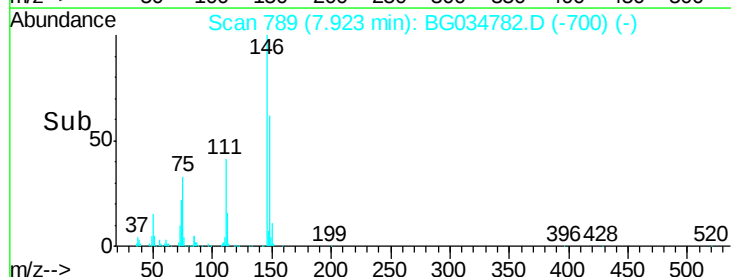
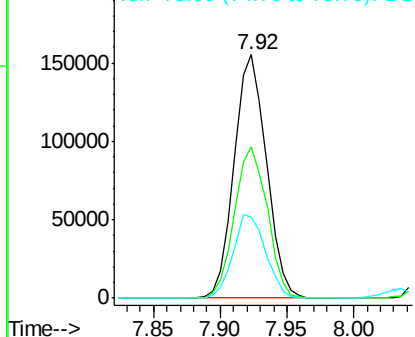


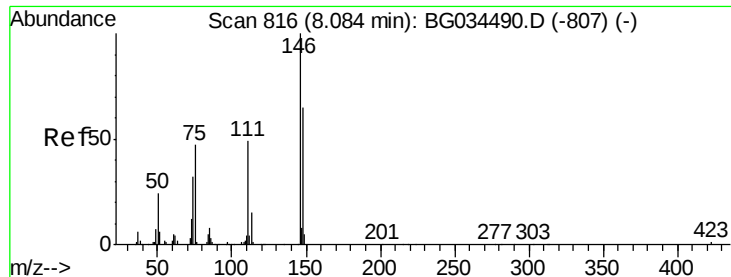
#12
1,3-Dichlorobenzene
Concen: 37.997 ng
RT: 7.92 min Scan# 789
Delta R.T. -0.01 min
Lab File: BG034782.D
Acq: 29 May 2018 18:18

Tgt Ion	146	Resp	260657
Ion Ratio	100	Lower	Upper
148	62.3	51.4	77.2
75	33.1	26.6	39.8



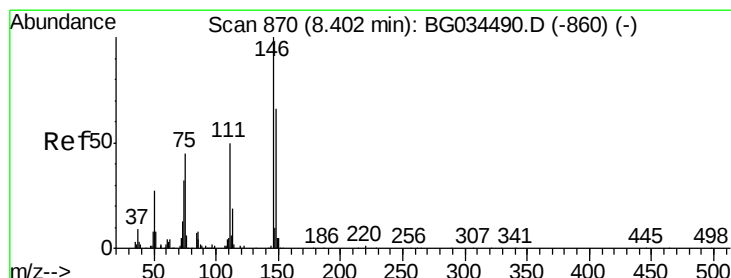
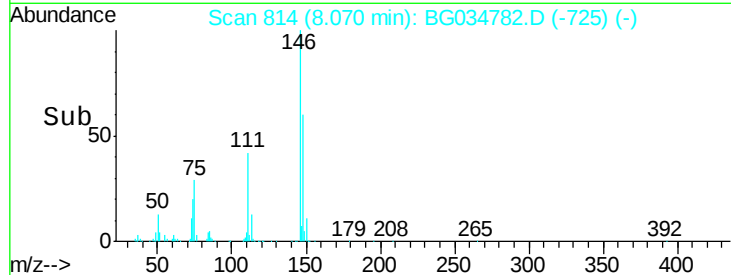
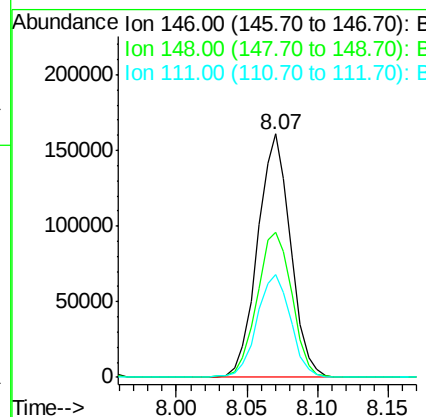
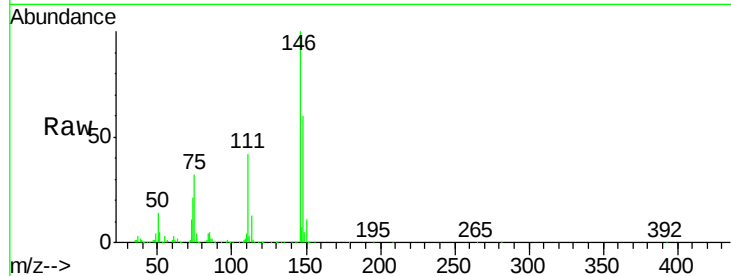
Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC





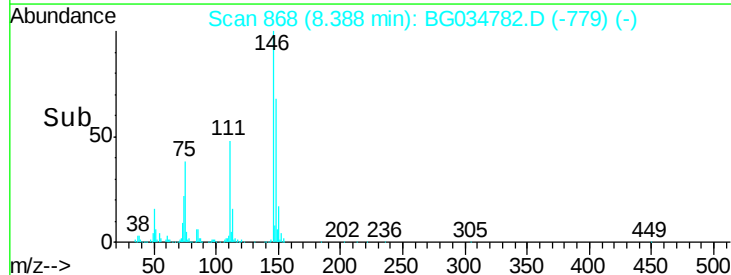
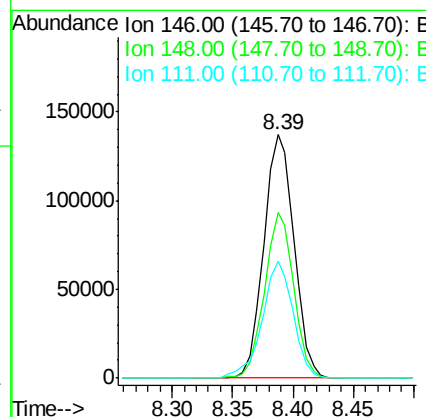
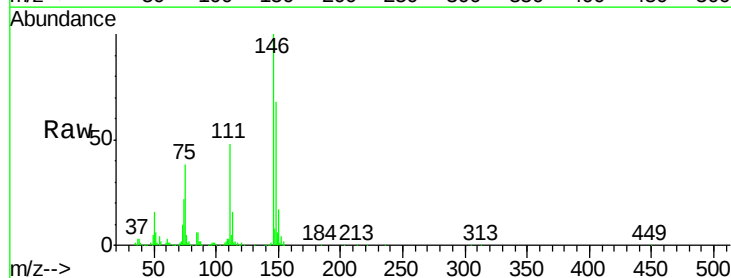
#13
 1,4-Dichlorobenzene
 Concen: 37.822 ng
 RT: 8.07 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BG034782.D
 Acq: 29 May 2018 18:18

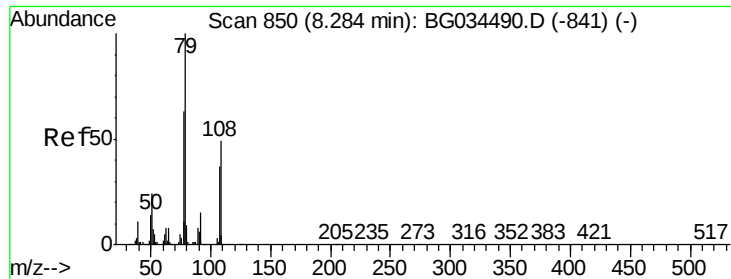
Tot Ion	Ratio	Lower	Upper
146	100		
148	59.8	53.7	80.5
111	42.0	35.2	52.8



#14
 1,2-Dichlorobenzene
 Concen: 34.971 ng
 RT: 8.39 min Scan# 868
 Delta R.T. -0.01 min
 Lab File: BG034782.D
 Acq: 29 May 2018 18:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.2	49.3	73.9
111	48.0	34.3	51.5





#15

Benzyl Alcohol

Concen: 27.954 ng

RT: 8.28 min Scan# 849

Delta R.T. 0.00 min

Lab File: BG034782.D

Acq: 29 May 2018 18:18

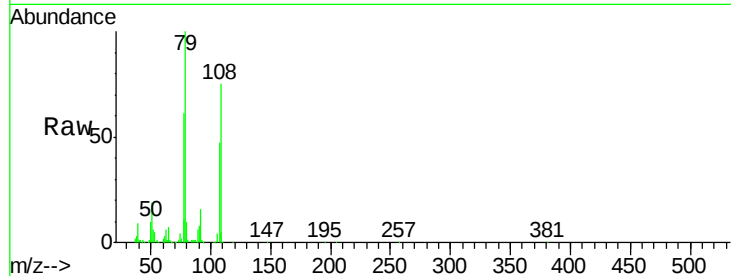
Tot Ion: 79 Resp: 255083

Ion Ratio Lower Upper

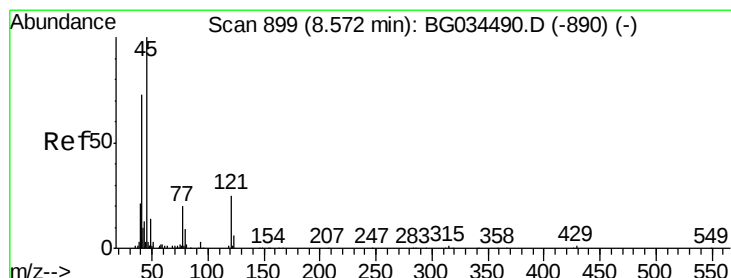
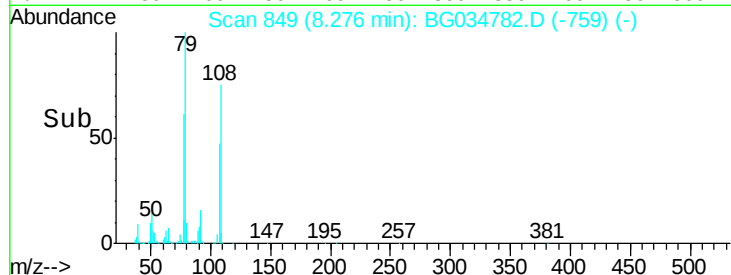
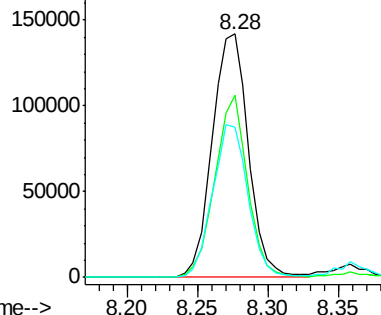
79 100

108 74.9 57.2 85.8

77 61.5 46.1 69.1



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.830 ng

RT: 8.55 min Scan# 896

Delta R.T. -0.01 min

Lab File: BG034782.D

Acq: 29 May 2018 18:18

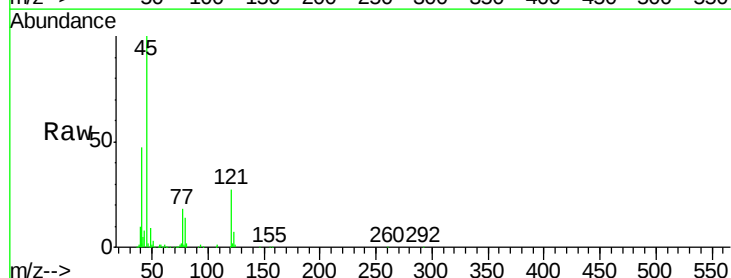
Tgt Ion: 45 Resp: 265576

Ion Ratio Lower Upper

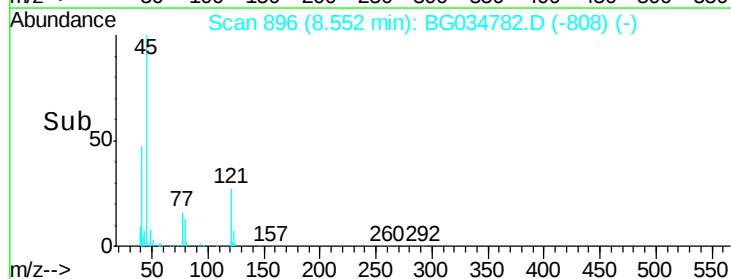
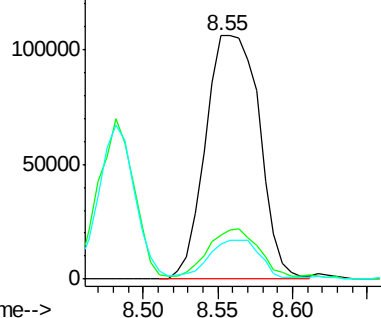
45 100

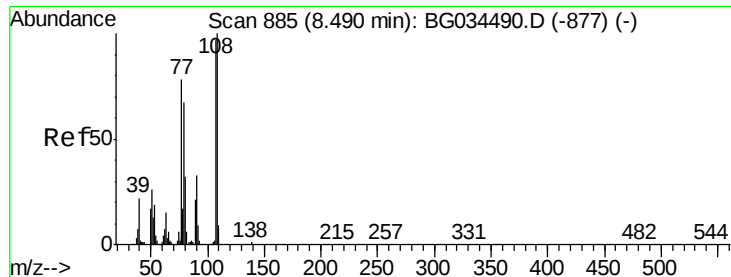
77 17.9 0.0 30.2

79 14.4 0.0 27.9



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





#17

2-Methylphenol

Concen: 36.012 ng

RT: 8.48 min Scan# 884

Delta R.T. -0.01 min

Lab File: BG034782.D

Acq: 29 May 2018 18:18

Tot Ion:107 Resp: 215138

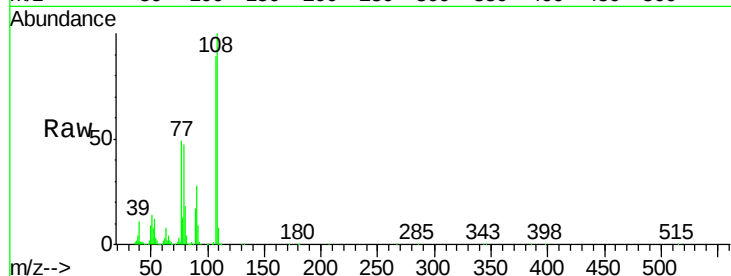
Ion Ratio Lower Upper

107 100

108 111.8 83.9 125.9

77 54.3 37.2 55.8

79 52.1 36.2 54.2

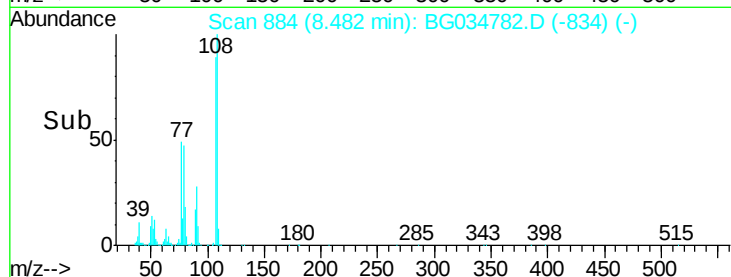


Abundance Ion 107.00 (106.70 to 107.70): E

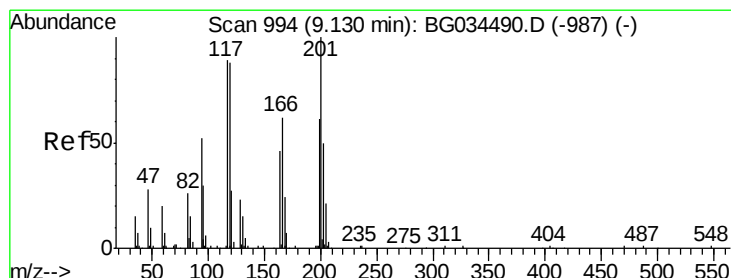
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



Time-->



#18

Hexachloroethane

Concen: 31.621 ng

RT: 9.12 min Scan# 992

Delta R.T. -0.01 min

Lab File: BG034782.D

Acq: 29 May 2018 18:18

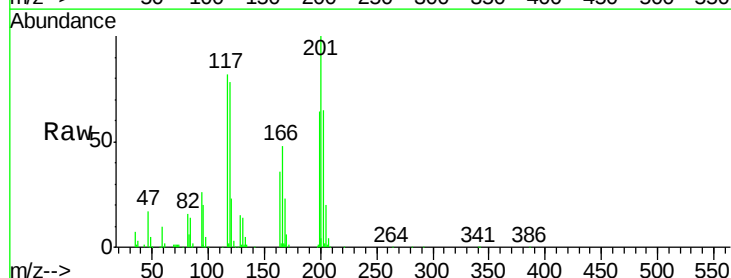
Tgt Ion:117 Resp: 92923

Ion Ratio Lower Upper

117 100

119 95.6 76.7 115.1

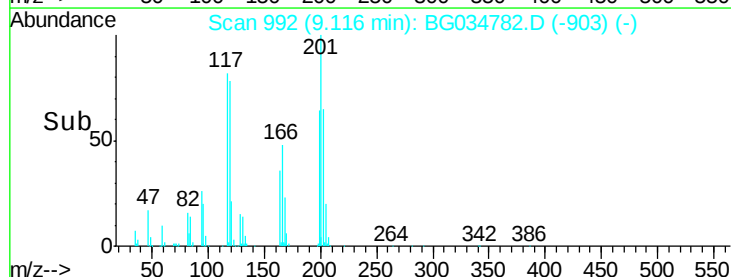
201 121.9 95.7 143.5



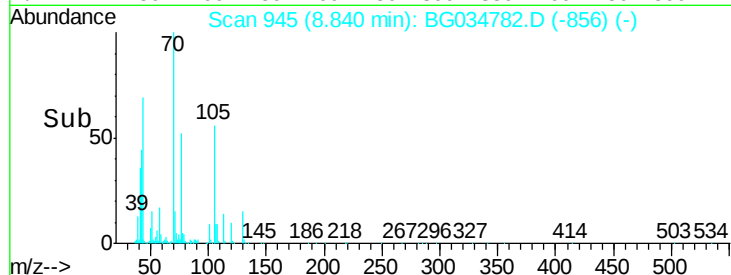
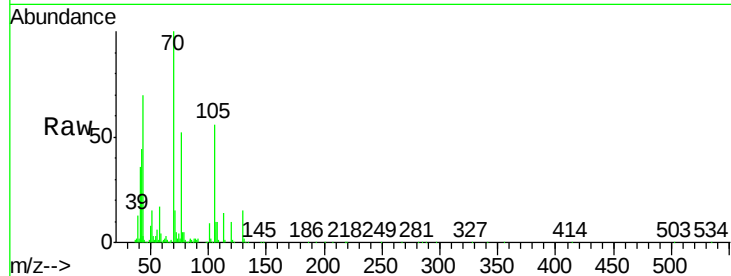
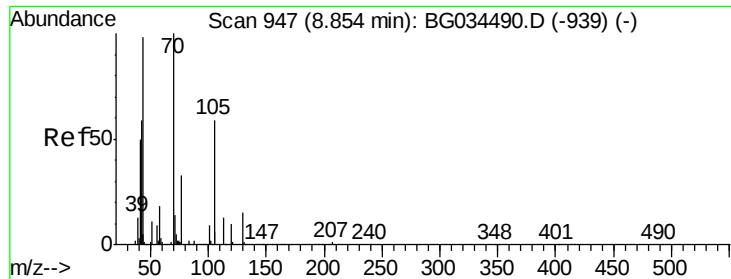
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

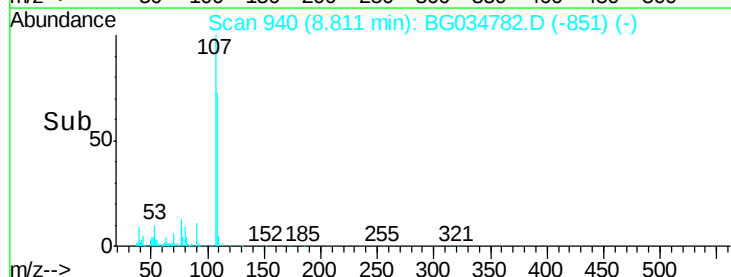
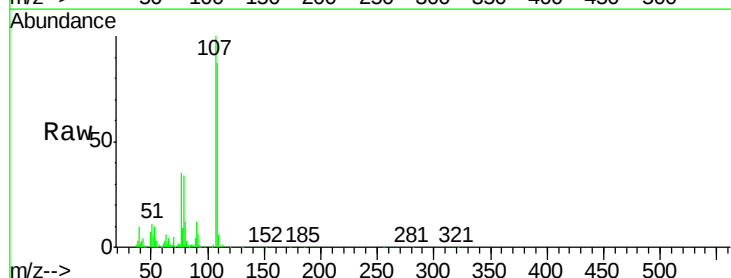
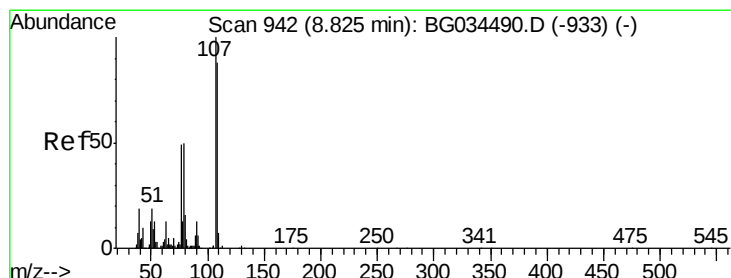
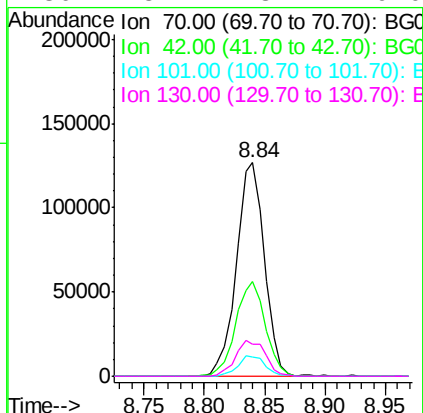


Time-->



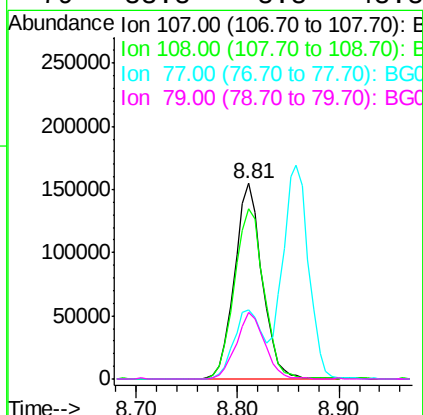
#19
n-Nitroso-di-n-propylamine
Concen: 28.129 ng
RT: 8.84 min Scan# 945
Delta R.T. -0.01 min
Lab File: BG034782.D
Acq: 29 May 2018 18:18

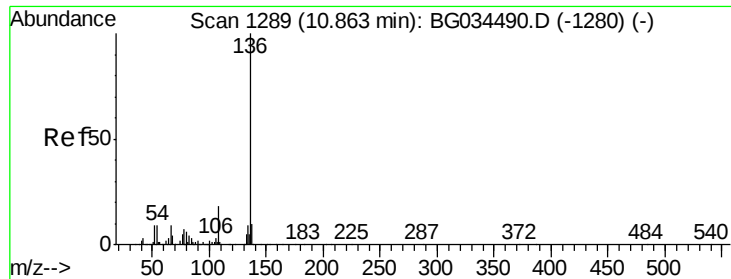
Tot Ion:	70	Resp:	205434
Ion	Ratio	Lower	Upper
70	100		
42	44.3	49.1	73.7#
101	9.0	8.5	12.7
130	15.1	13.4	20.0



#20
3+4-Methylphenols
Concen: 35.153 ng
RT: 8.81 min Scan# 940
Delta R.T. -0.01 min
Lab File: BG034782.D
Acq: 29 May 2018 18:18

Tgt Ion:	107	Resp:	292793
Ion	Ratio	Lower	Upper
107	100		
108	86.8	61.6	101.6
77	35.3	13.9	53.9
79	33.8	8.8	48.8





#21

Naphthalene-d8

Concen: 20.000 ng

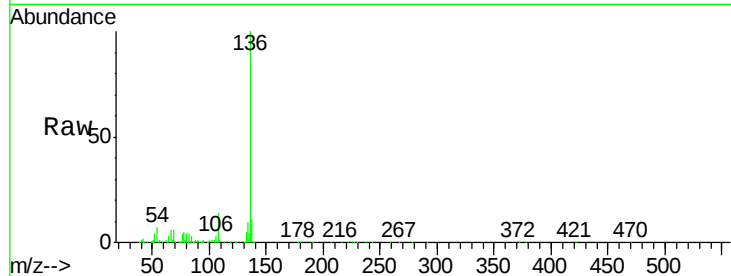
RT: 10.84 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BG034782.D

Acq: 29 May 2018 18:18

Tot Ion:136	Resp:	309772
Ion Ratio	Lower	Upper
136	100	
137	10.7	9.2 13.8
54	7.1	10.3 15.5#
68	5.9	4.5 6.7

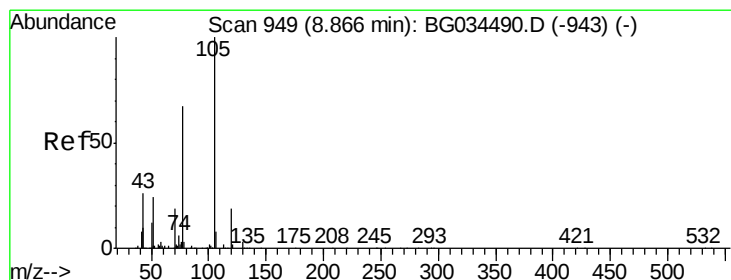
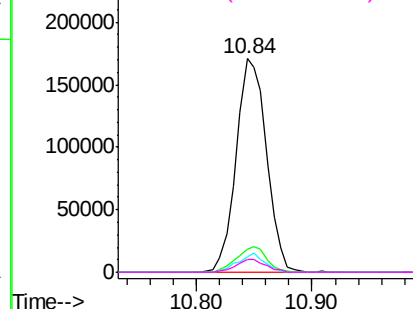
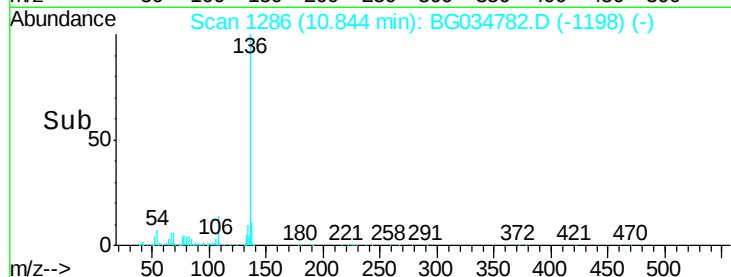


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 38.328 ng

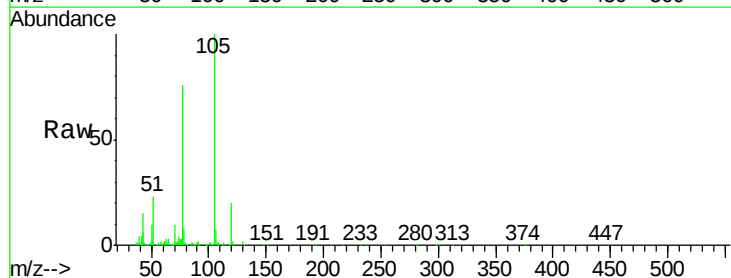
RT: 8.86 min Scan# 948

Delta R.T. -0.01 min

Lab File: BG034782.D

Acq: 29 May 2018 18:18

Tgt Ion:105	Resp:	379307
Ion Ratio	Lower	Upper
105	100	
71	1.7	3.0 4.4#
51	23.4	26.1 39.1#
120	19.9	17.4 26.2

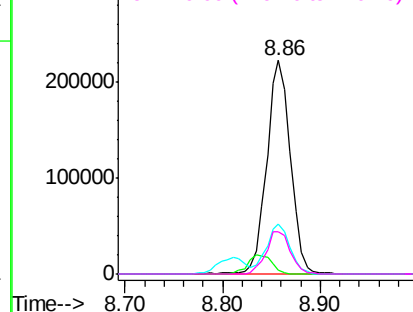
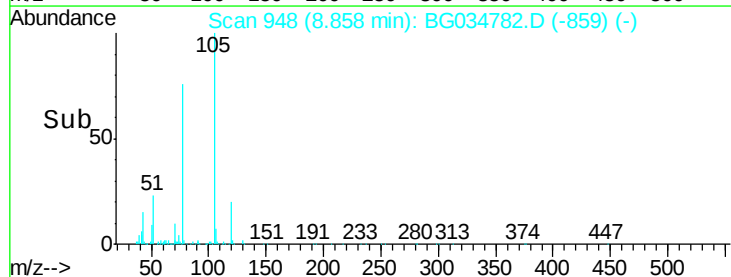


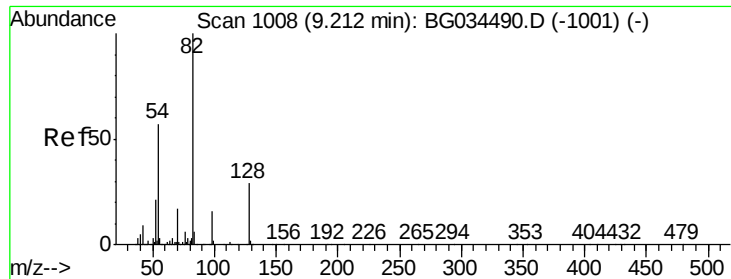
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 77.960 ng

RT: 9.20 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BG034782.D

Acq: 29 May 2018 18:18

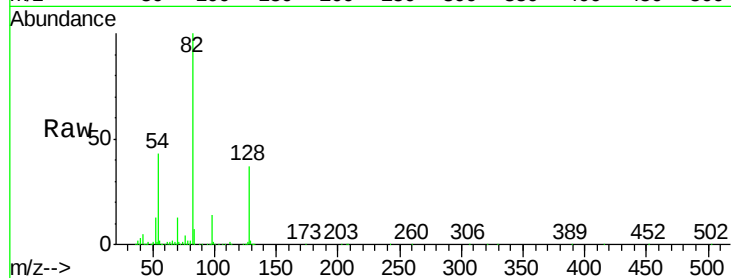
Tot Ion: 82 Resp: 632191

Ion Ratio Lower Upper

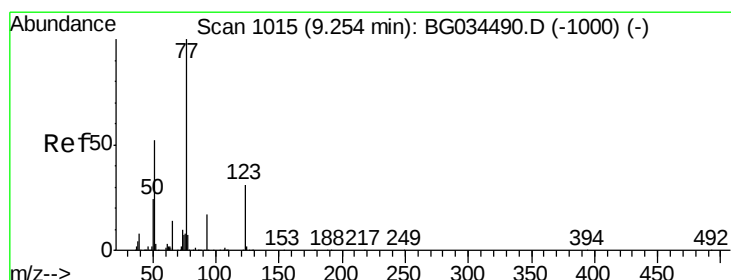
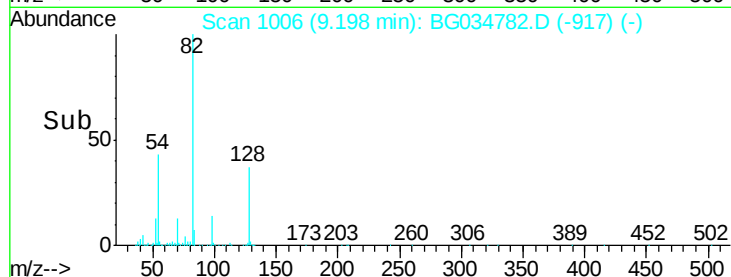
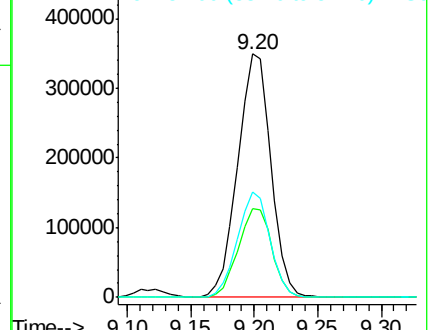
82 100

128 36.7 29.7 44.5

54 43.4 43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#24

Nitrobenzene

Concen: 35.483 ng

RT: 9.25 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BG034782.D

Acq: 29 May 2018 18:18

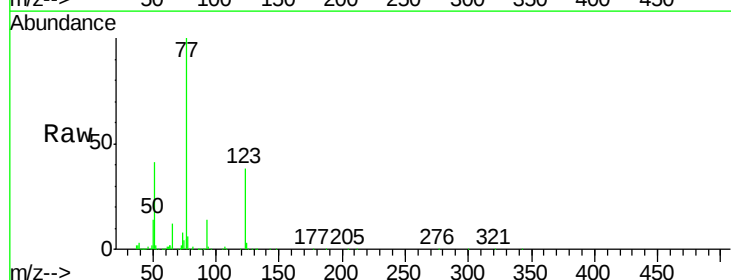
Tgt Ion: 77 Resp: 298644

Ion Ratio Lower Upper

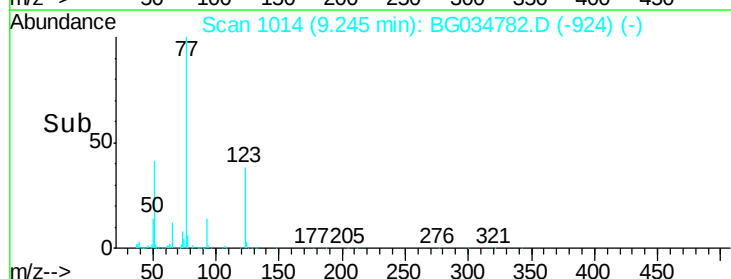
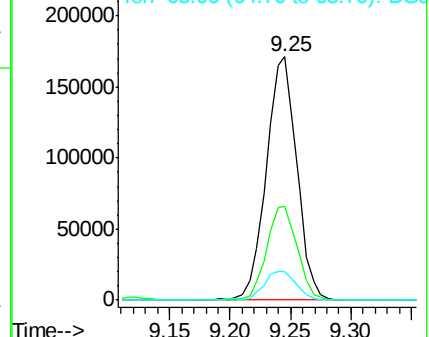
77 100

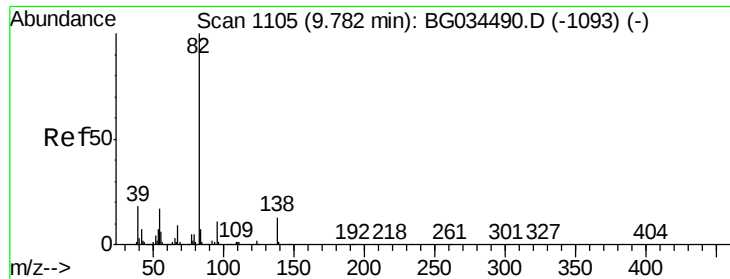
123 38.3 33.0 49.6

65 11.6 13.0 19.6#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 34.728 ng

RT: 9.76 min Scan# 1102

Delta R.T. -0.01 min

Lab File: BG034782.D

Acq: 29 May 2018 18:18

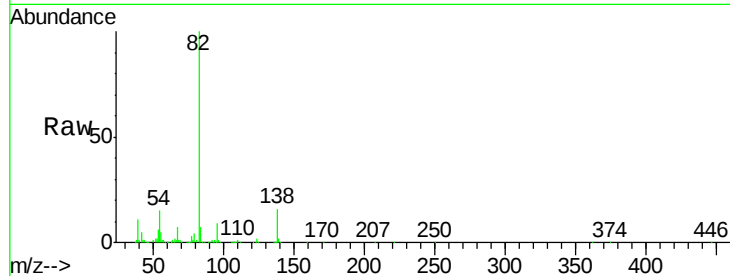
Tot Ion: 82 Resp: 545868

Ion Ratio Lower Upper

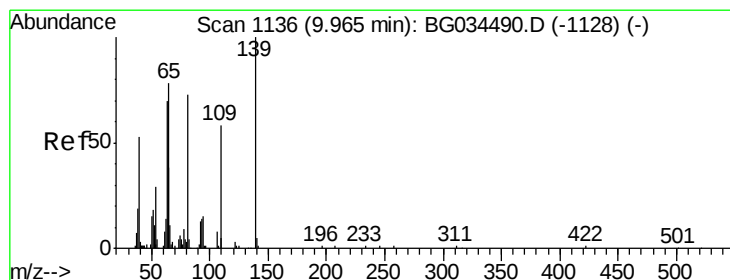
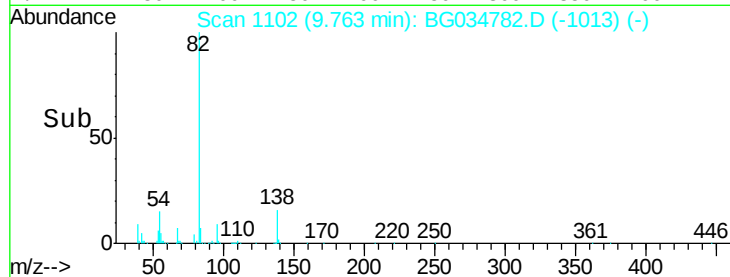
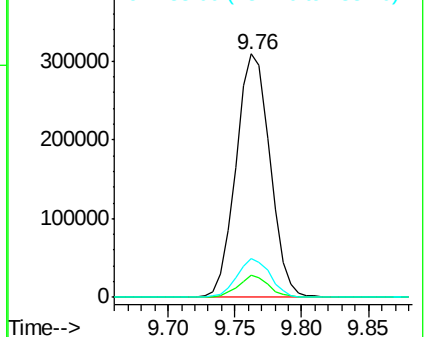
82 100

95 9.0 6.2 9.2

138 16.1 12.1 18.1



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



#26

2-Nitrophenol

Concen: 43.389 ng

RT: 9.96 min Scan# 1135

Delta R.T. 0.00 min

Lab File: BG034782.D

Acq: 29 May 2018 18:18

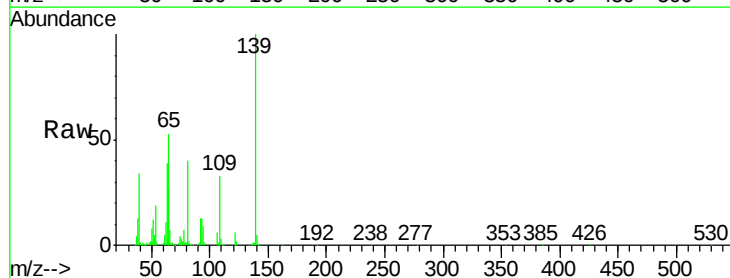
Tgt Ion: 139 Resp: 130407

Ion Ratio Lower Upper

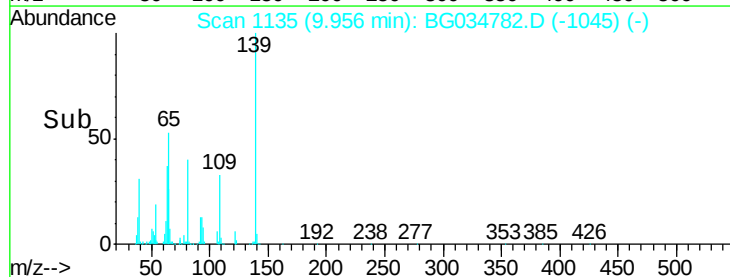
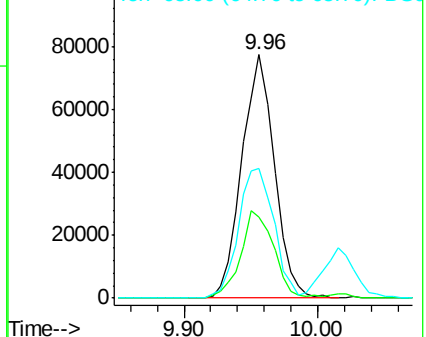
139 100

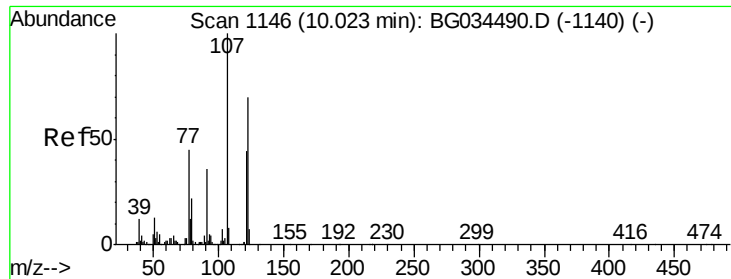
109 33.3 24.2 36.2

65 53.3 47.4 71.0



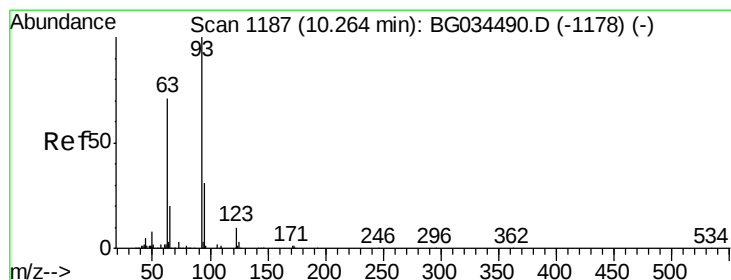
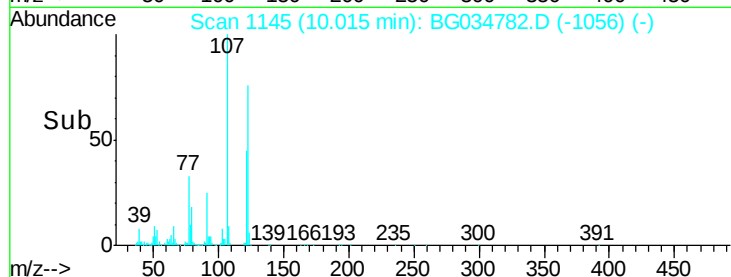
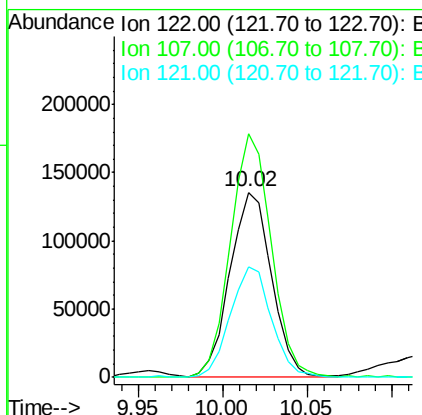
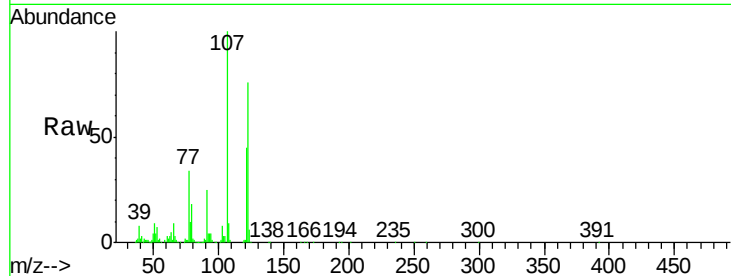
Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





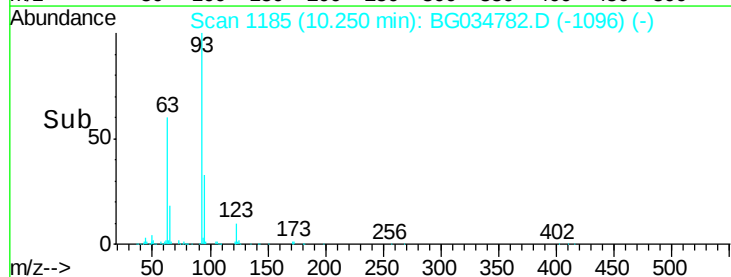
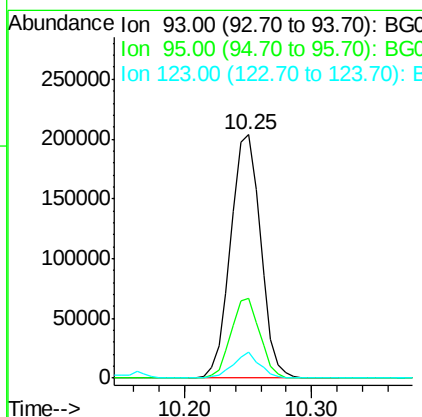
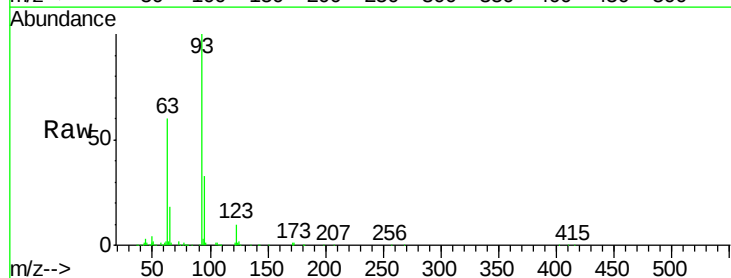
#27
 2,4-Dimethylphenol
 Concen: 43.933 ng
 RT: 10.02 min Scan# 1145
 Delta R.T. -0.01 min
 Lab File: BG034782.D
 Acq: 29 May 2018 18:18

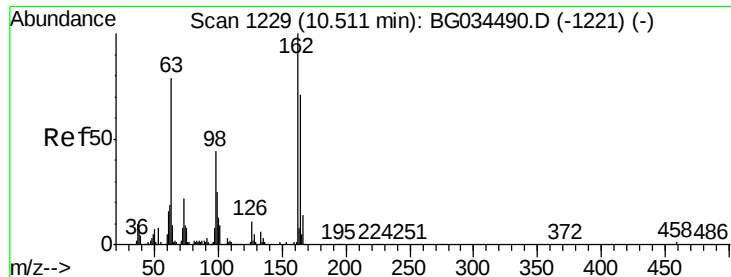
Tot Ion	Ratio	Lower	Upper
122	100		
107	131.8	100.2	150.2
121	59.9	44.4	66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.247 ng
 RT: 10.25 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BG034782.D
 Acq: 29 May 2018 18:18

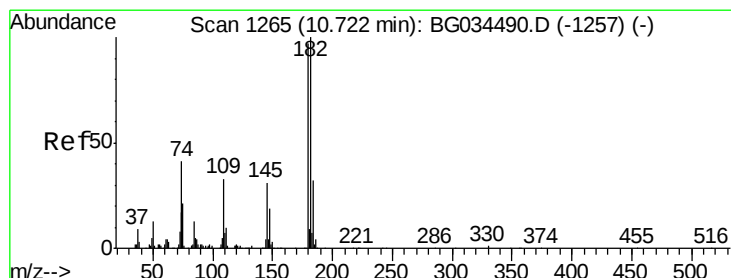
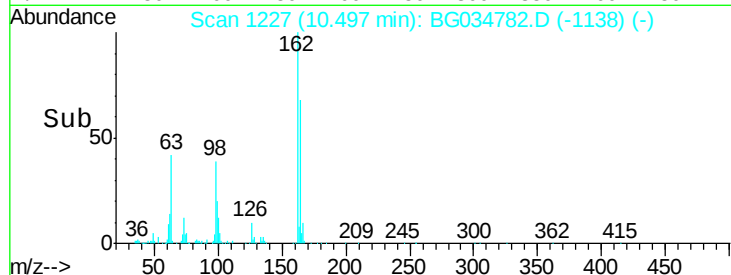
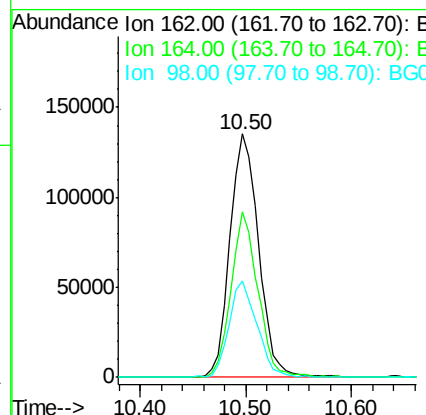
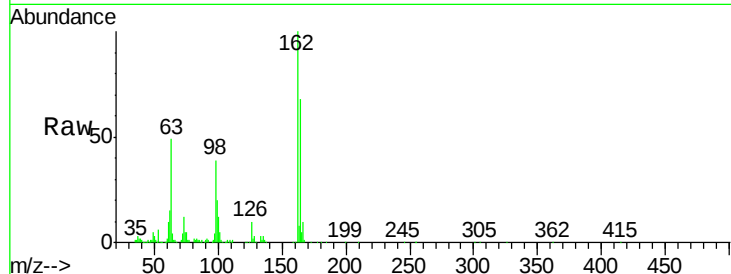
Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	24.3	36.5
123	10.5	8.4	12.6





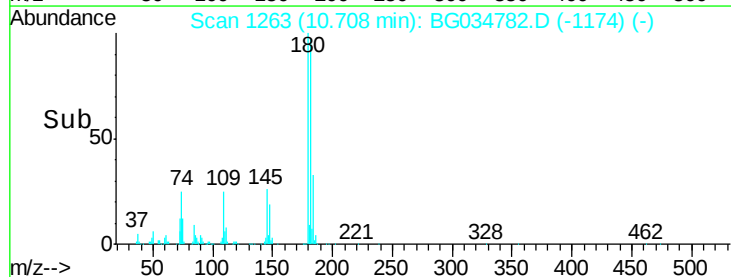
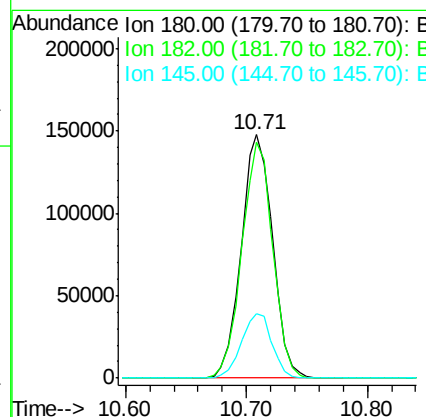
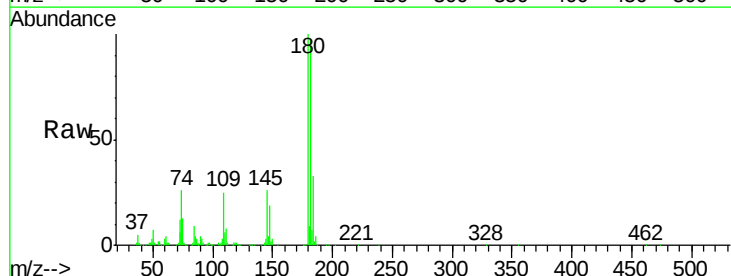
#29
 2,4-Dichlorophenol
 Concen: 46.242 ng
 RT: 10.50 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BG034782.D
 Acq: 29 May 2018 18:18

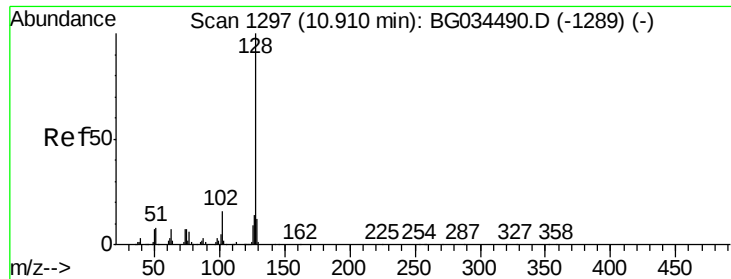
Tot Ion:	162	Resp:	253412
Ion	Ratio	Lower	Upper
162	100		
164	67.8	48.0	88.0
98	39.4	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 40.932 ng
 RT: 10.71 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: BG034782.D
 Acq: 29 May 2018 18:18

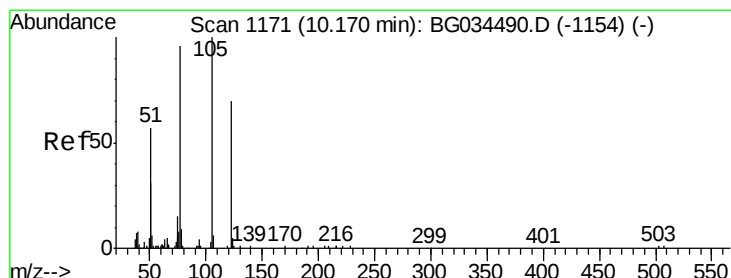
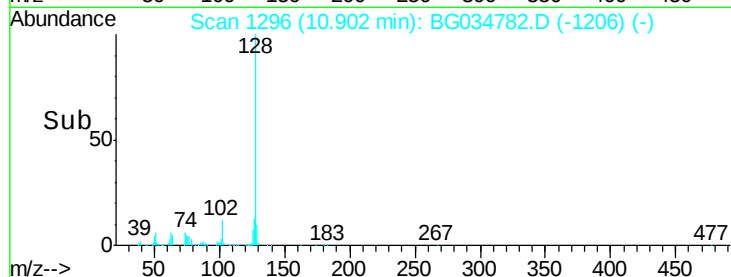
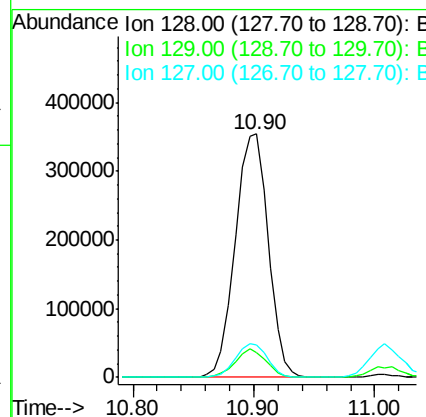
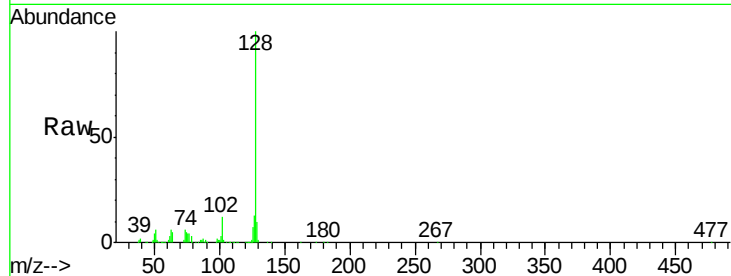
Tgt Ion:	180	Resp:	266710
Ion	Ratio	Lower	Upper
180	100		
182	97.1	77.5	116.3
145	26.5	23.4	35.2





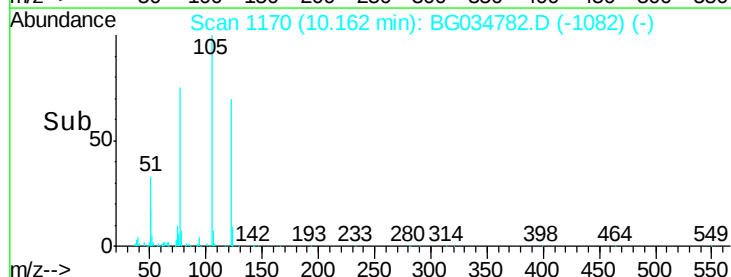
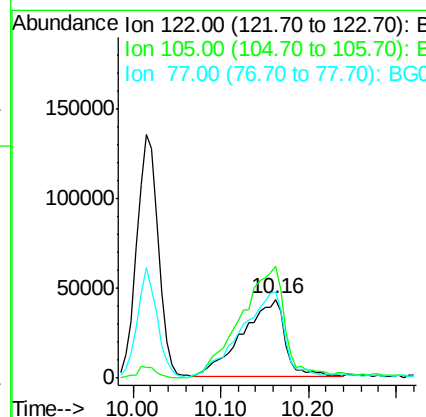
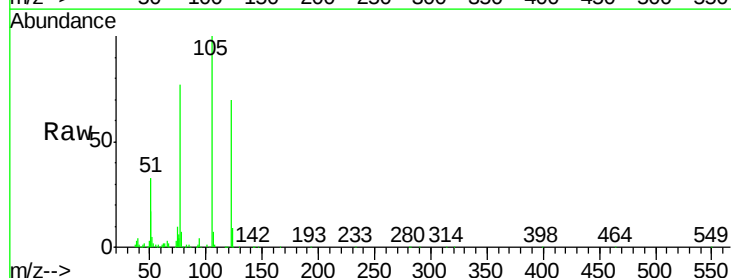
#31
Naphthalene
Concen: 41.823 ng
RT: 10.90 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BG034782.D
Acq: 29 May 2018 18:18

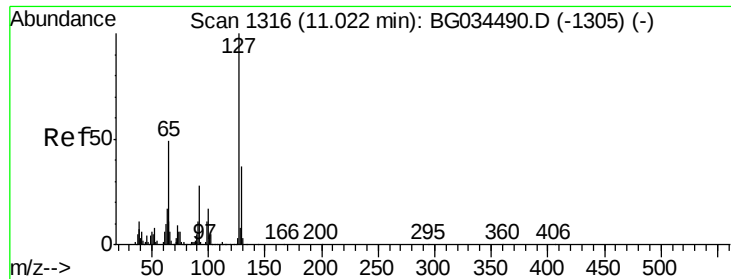
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.3	8.6	12.8
127	13.1	11.6	17.4



#32
Benzoic acid
Concen: 39.304 ng
RT: 10.16 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BG034782.D
Acq: 29 May 2018 18:18

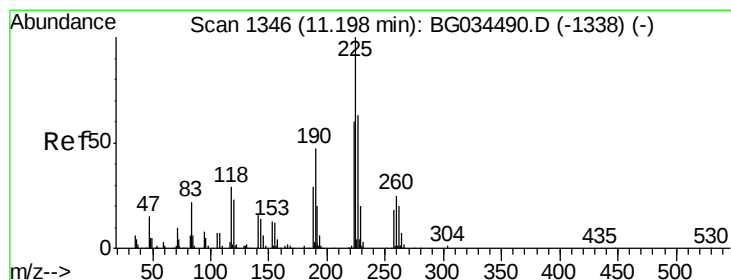
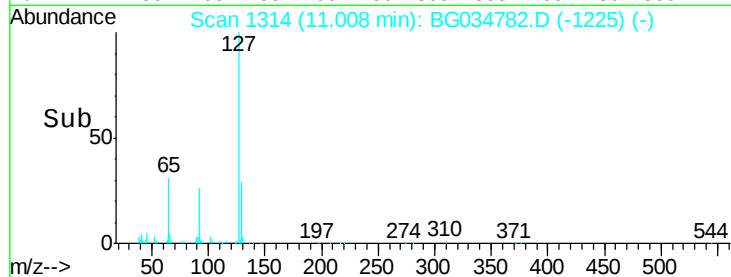
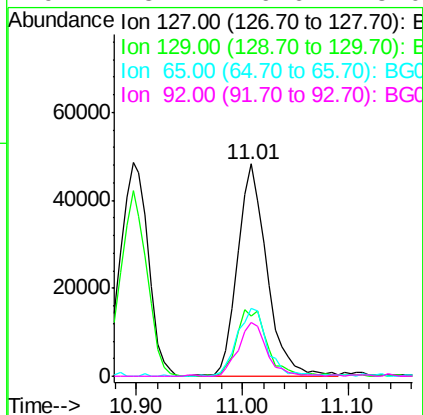
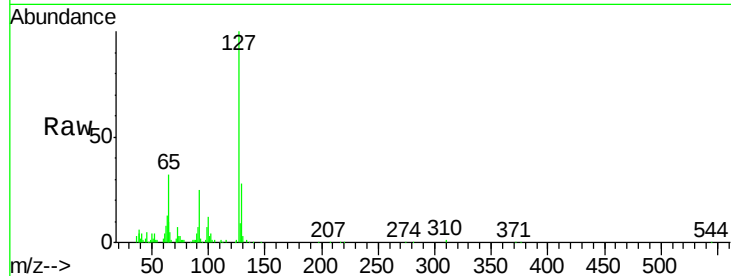
Tgt Ion	Ratio	Lower	Upper
122	100		
105	142.3	123.5	163.5
77	109.0	85.7	125.7





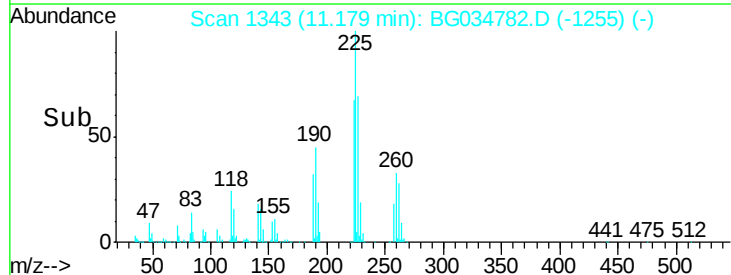
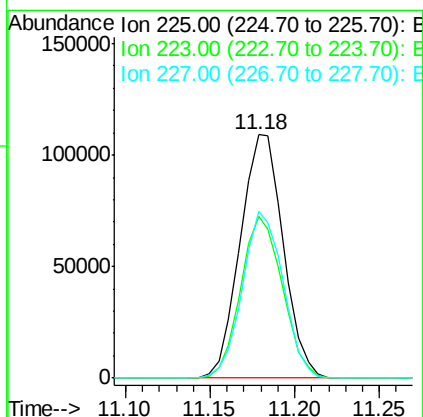
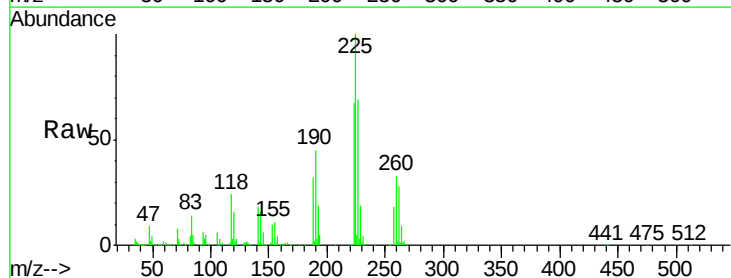
#33
4-Chloroaniline
Concen: 13.204 ng
RT: 11.01 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG034782.D
Acq: 29 May 2018 18:18

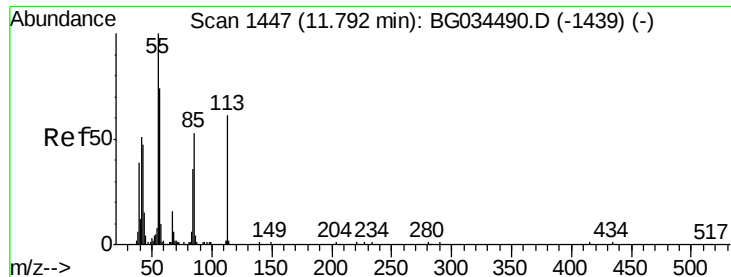
Tot Ion:	127	Resp:	92743
Ion	Ratio	Lower	Upper
127	100		
129	28.5	24.0	36.0
65	32.1	27.0	40.4
92	25.2	16.6	25.0#



#34
Hexachlorobutadiene
Concen: 37.222 ng
RT: 11.18 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG034782.D
Acq: 29 May 2018 18:18

Tgt Ion:	225	Resp:	192687
Ion	Ratio	Lower	Upper
225	100		
223	66.6	49.7	74.5
227	68.8	48.1	72.1





#35

Caprolactam

Concen: 43.144 ng/mL

RT: 11.78 min Scan# 1446

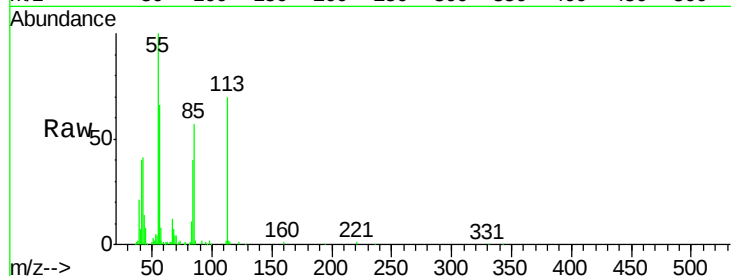
Delta R.T. -0.01 min

Lab File: BG034782.D

Acq: 29 May 2018 18:18

Tot Ion: 113 Resp: 89884

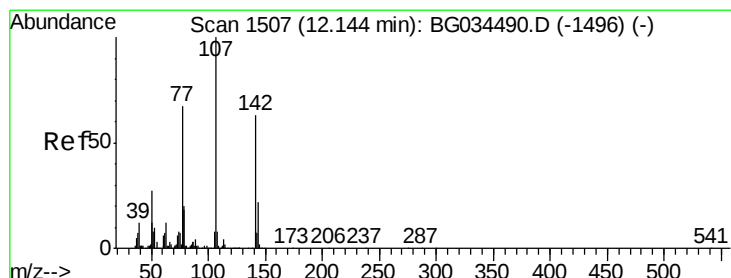
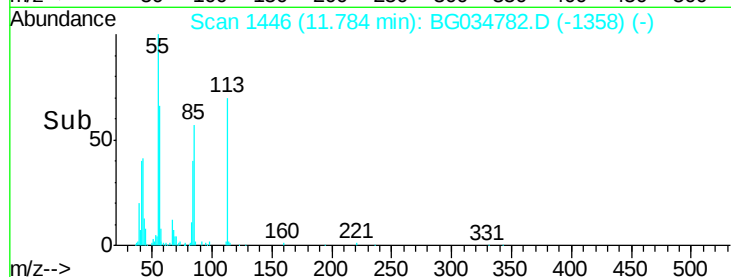
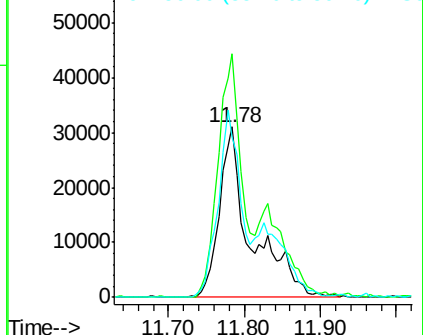
Ion	Ratio	Lower	Upper
113	100		
55	142.8	186.9	226.9
56	94.3	130.9	170.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 39.080 ng/mL

RT: 12.14 min Scan# 1507

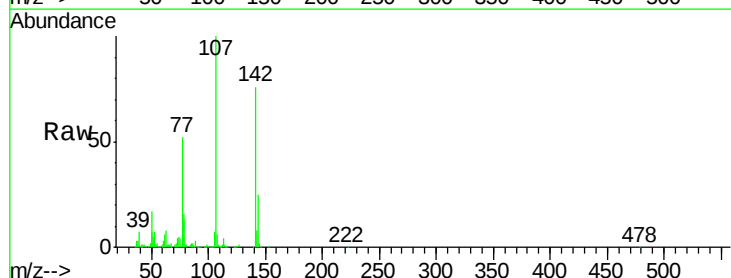
Delta R.T. 0.00 min

Lab File: BG034782.D

Acq: 29 May 2018 18:18

Tgt Ion: 107 Resp: 288569

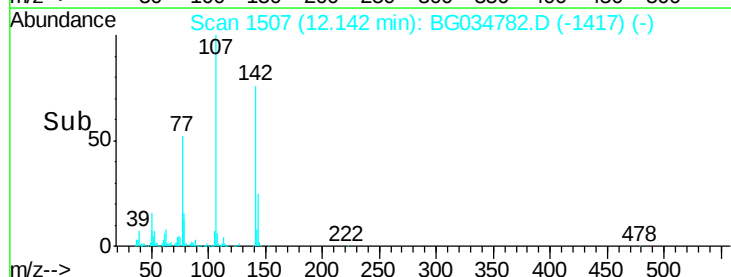
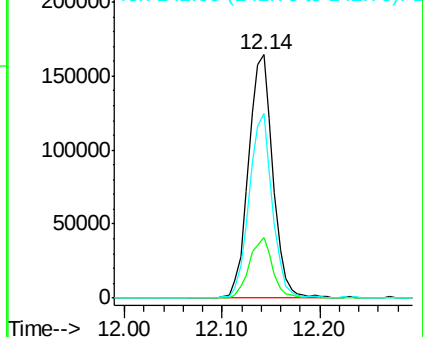
Ion	Ratio	Lower	Upper
107	100		
144	25.1	18.2	27.4
142	75.9	59.0	88.4

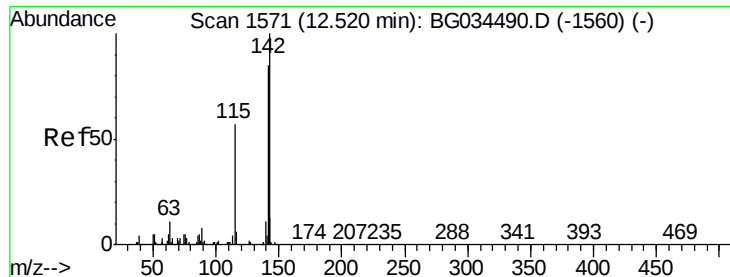


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

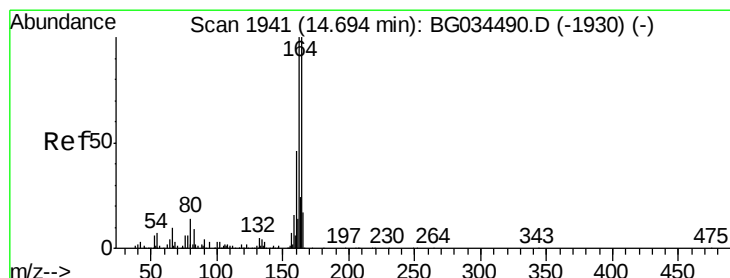
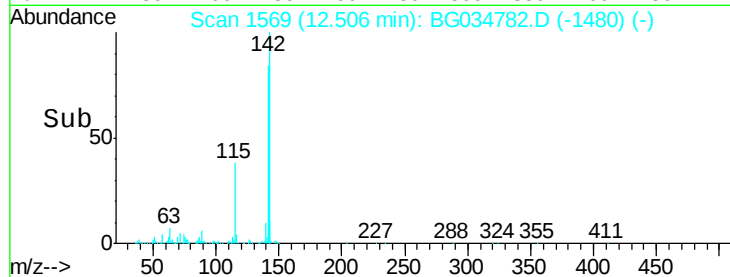
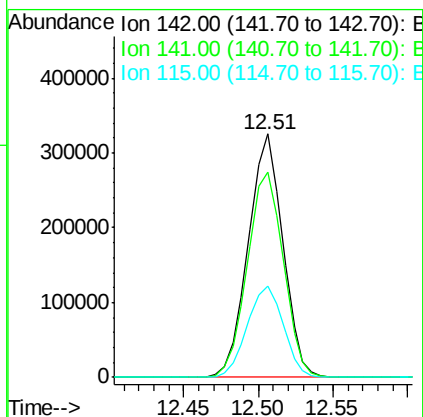
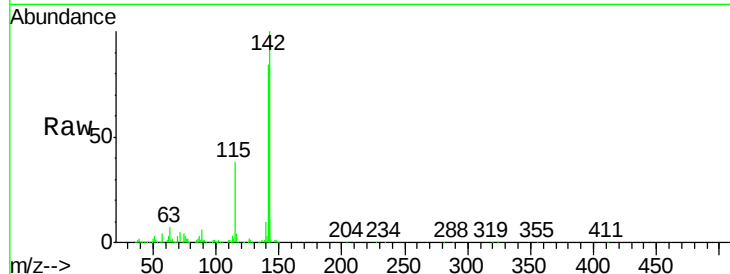
Ion 142.00 (141.70 to 142.70): E





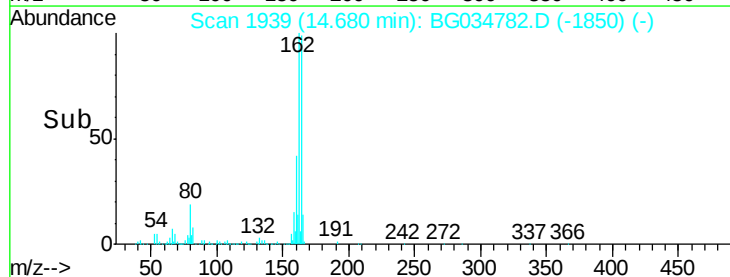
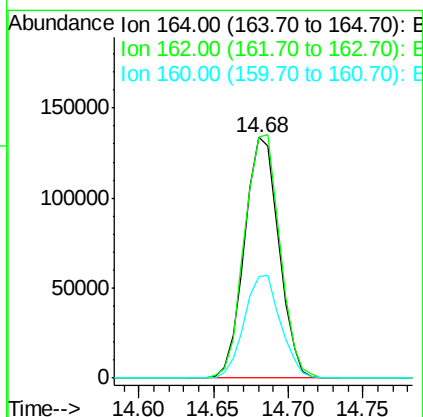
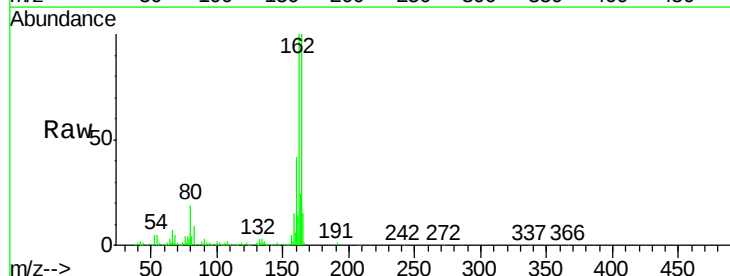
#37
2-Methylnaphthalene
Concen: 40.144 ng
RT: 12.51 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BG034782.D
Acq: 29 May 2018 18:18

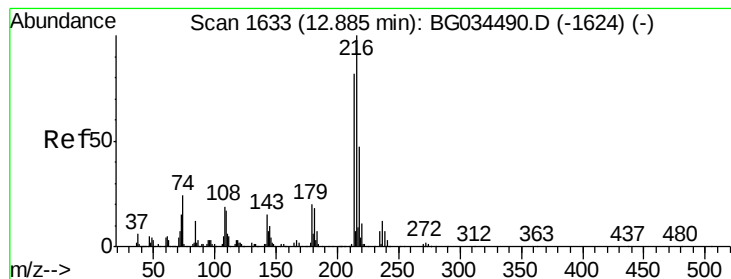
Tot Ion	Ratio	Lower	Upper
142	100		
141	84.2	67.1	100.7
115	37.7	30.7	46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BG034782.D
Acq: 29 May 2018 18:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.3	78.8	118.2
160	42.3	35.4	53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.710 ng

RT: 12.87 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BG034782.D

Acq: 29 May 2018 18:18

Tot Ion:216 Resp: 342455

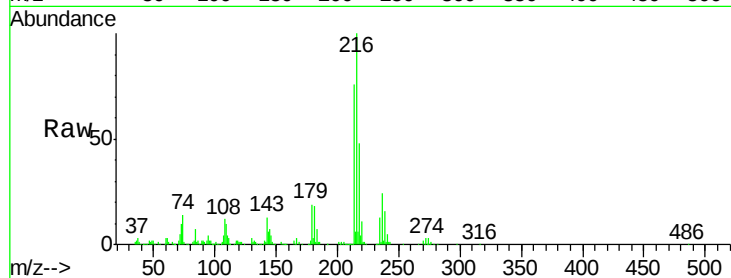
Ion Ratio Lower Upper

216 100

214 77.8 63.0 94.4

179 19.0 17.0 25.6

108 15.5 12.8 19.2

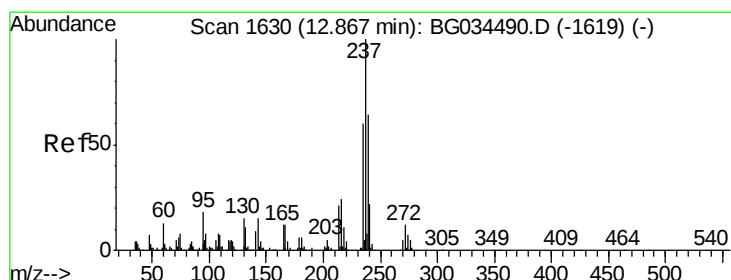
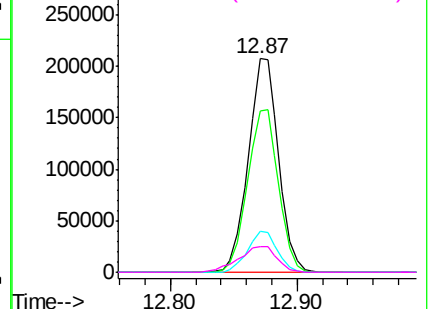
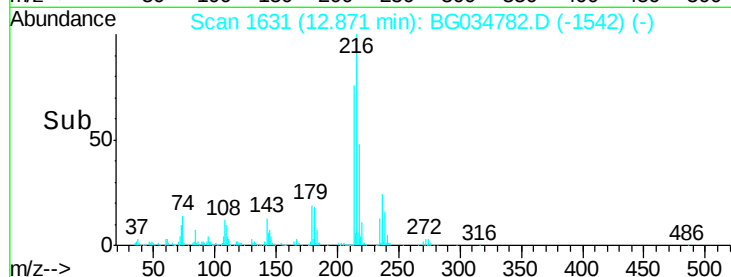


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 73.044 ng

RT: 12.85 min Scan# 1628

Delta R.T. -0.01 min

Lab File: BG034782.D

Acq: 29 May 2018 18:18

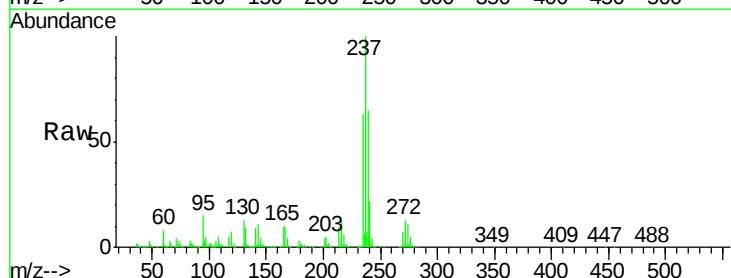
Tgt Ion:237 Resp: 458615

Ion Ratio Lower Upper

237 100

235 63.0 50.4 90.4

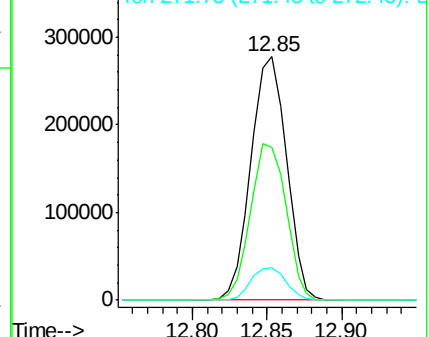
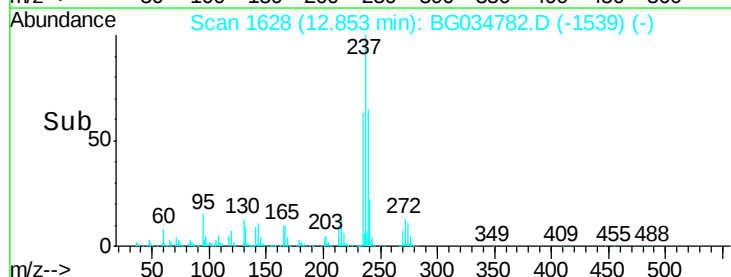
272 13.3 0.0 31.8

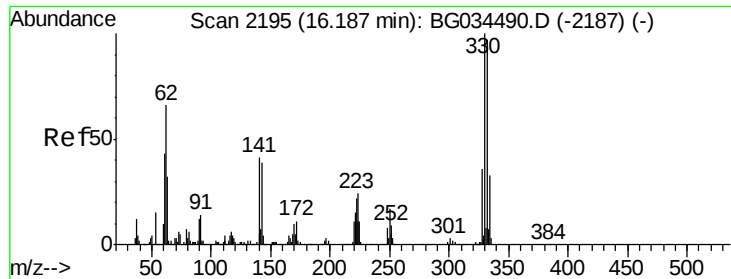


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

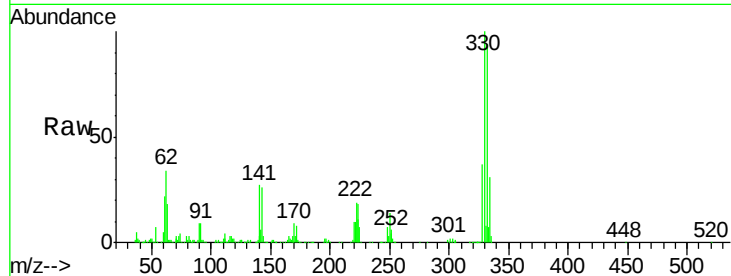
Ion 271.75 (271.45 to 272.45): E



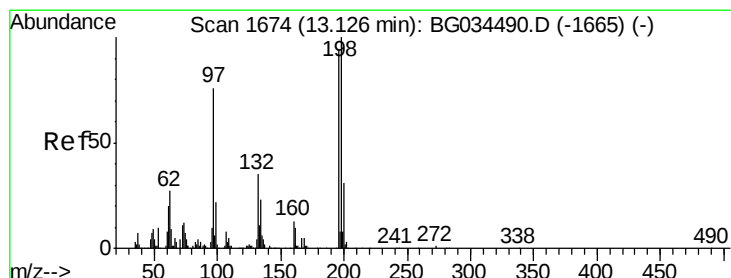
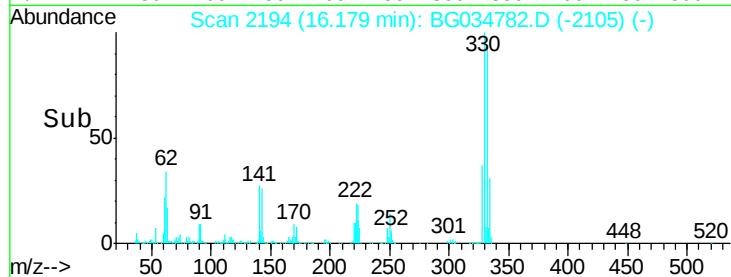
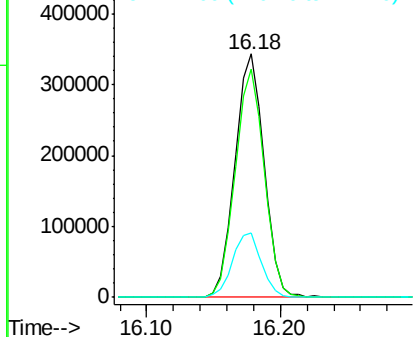


#41
 2,4,6-Tribromophenol
 Concen: 141.162 ng
 RT: 16.18 min Scan# 2194
 Delta R.T. -0.01 min
 Lab File: BG034782.D
 Acq: 29 May 2018 18:18

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.8	77.0	115.6
141	26.6	25.2	37.8

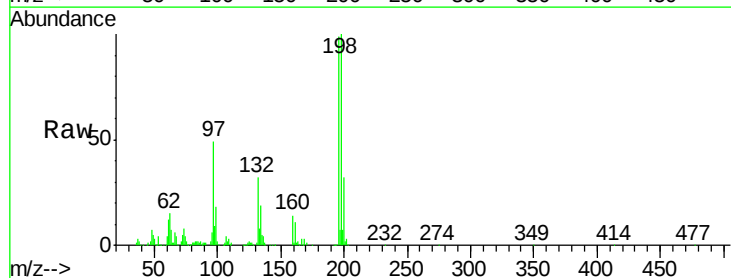


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

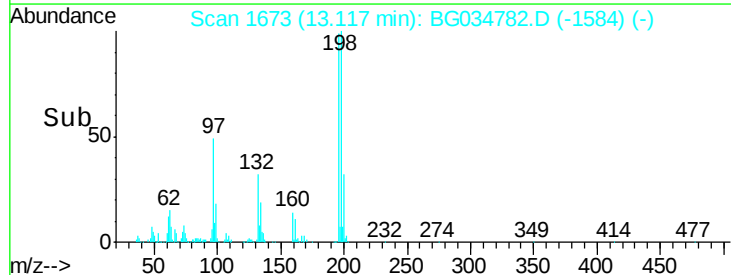
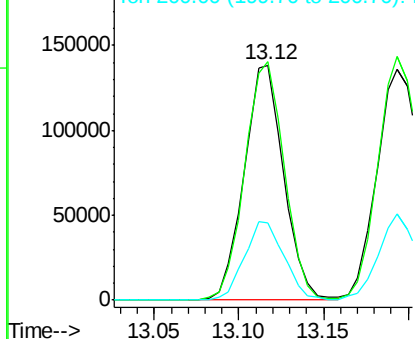


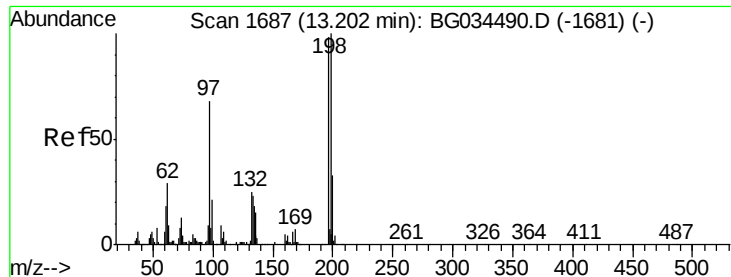
#42
 2,4,6-Trichlorophenol
 Concen: 45.337 ng
 RT: 13.12 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BG034782.D
 Acq: 29 May 2018 18:18

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.5	78.2	117.2
200	32.8	24.6	36.8



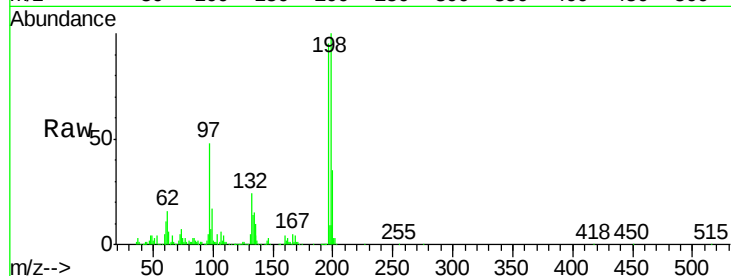
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
2,4,5-Trichlorophenol
Concen: 44.686 ng
RT: 13.19 min Scan# 1686
Delta R.T. -0.01 min
Lab File: BG034782.D
Acq: 29 May 2018 18:18

Tot Ion	Resp	Lower	Upper
196	100		
198	105.8	76.2	114.4
97	50.5	38.7	58.1
132	25.7	20.2	30.2

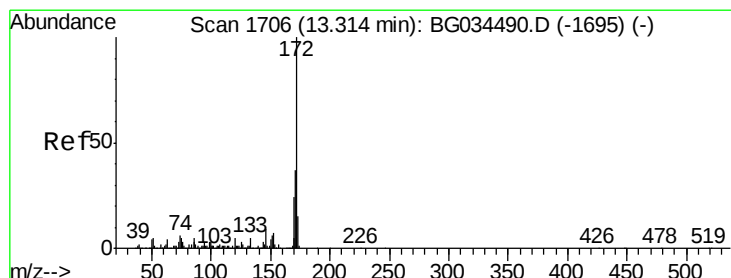
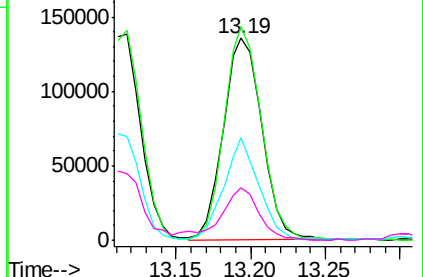
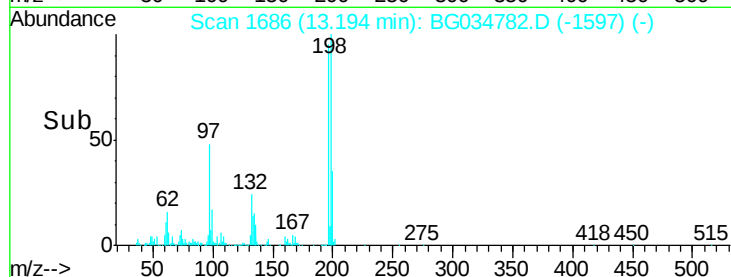


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

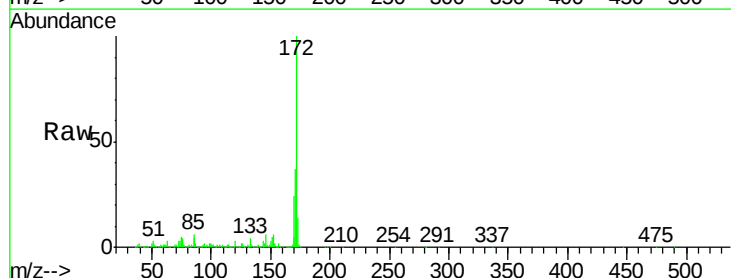
Ion 97.00 (96.70 to 97.70): BG

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 86.102 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BG034782.D
Acq: 29 May 2018 18:18

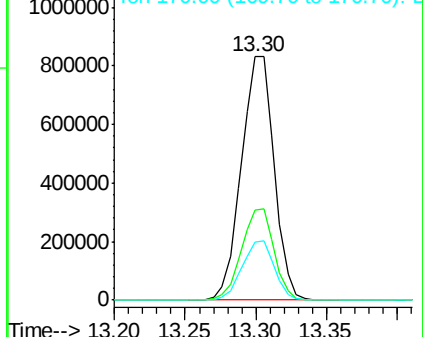
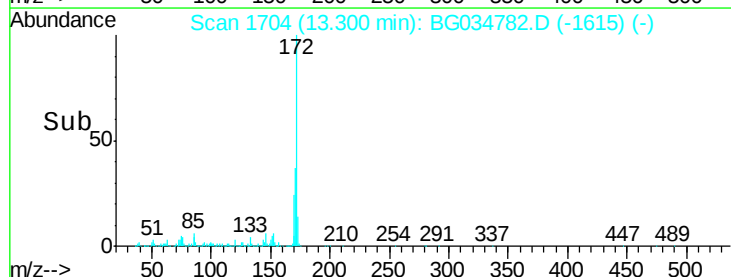
Tgt Ion	Resp	Lower	Upper
172	100		
171	37.1	30.0	45.0
170	24.0	19.5	29.3

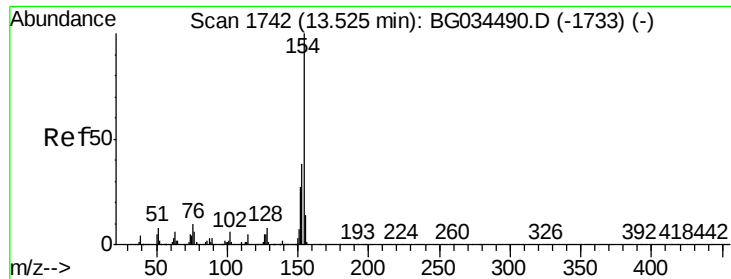


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

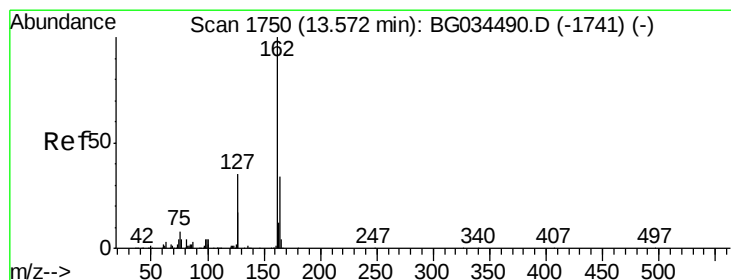
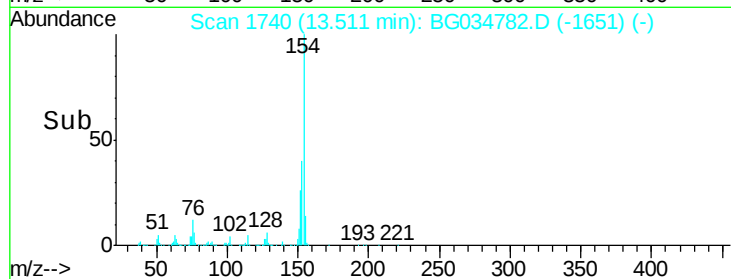
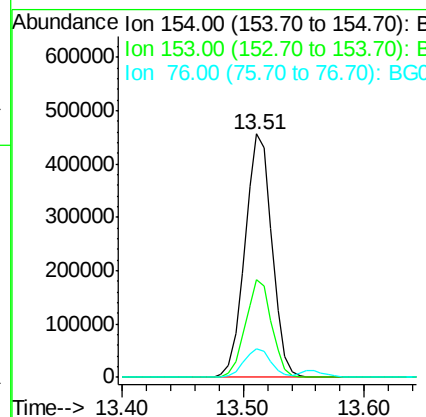
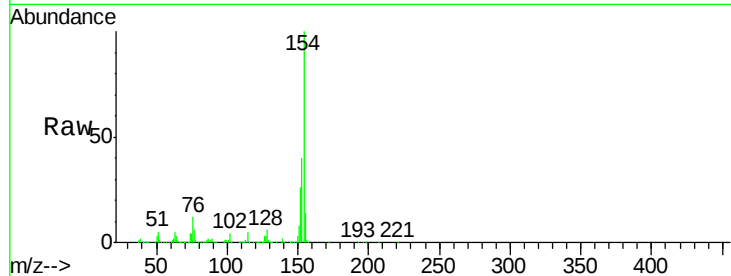
Ion 170.00 (169.70 to 170.70): E





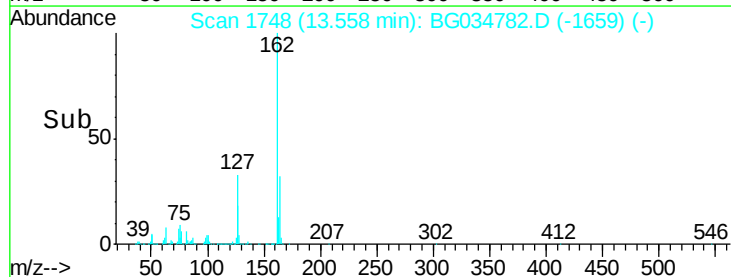
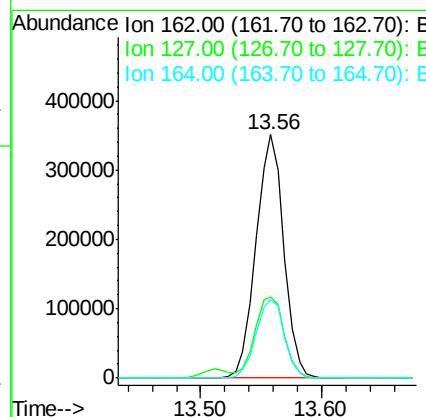
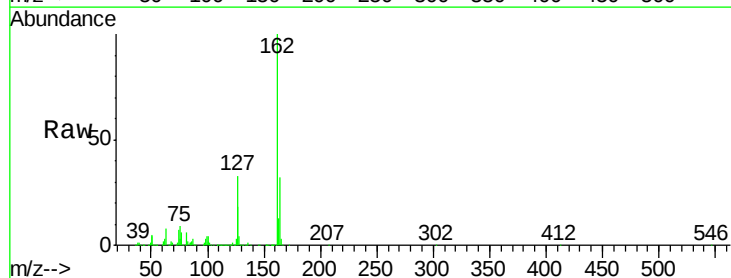
#45
 1,1'-Biphenyl
 Concen: 42.214 ng
 RT: 13.51 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG034782.D
 Acq: 29 May 2018 18:18

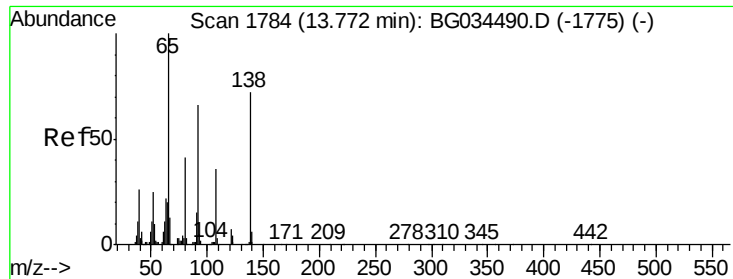
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.4	19.8	59.8
76	11.8	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 42.445 ng
 RT: 13.56 min Scan# 1748
 Delta R.T. -0.01 min
 Lab File: BG034782.D
 Acq: 29 May 2018 18:18

Tgt Ion	Ratio	Lower	Upper
162	100		
127	33.3	30.7	46.1
164	32.4	26.0	39.0





#47

2-Nitroaniline

Concen: 33.789 ng

RT: 13.76 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BG034782.D

Acq: 29 May 2018 18:18

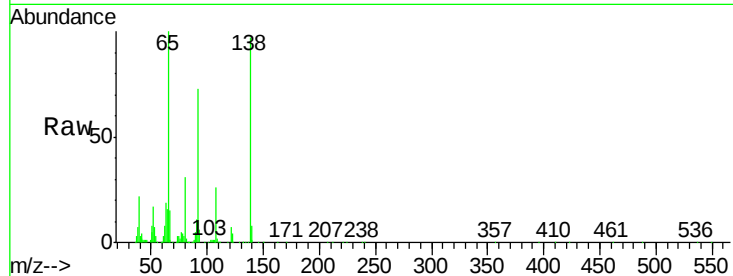
Tot Ion: 65 Resp: 182583

Ion Ratio Lower Upper

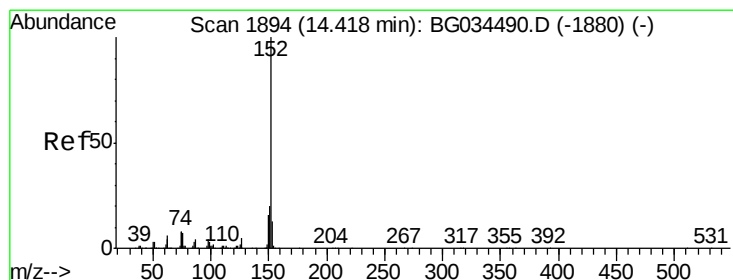
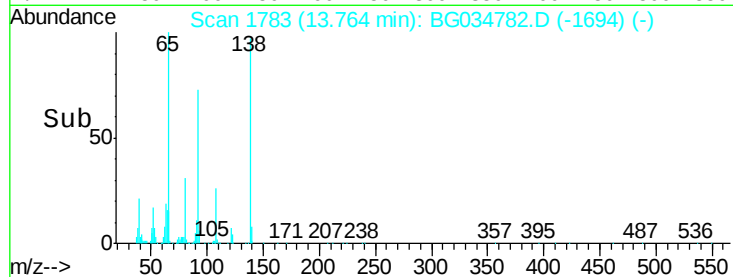
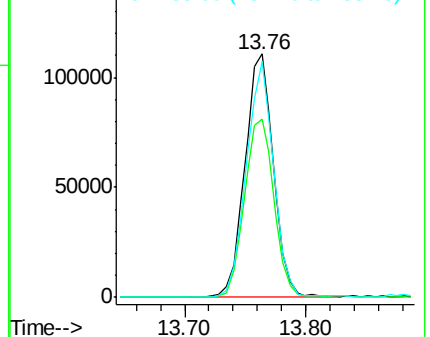
65 100

92 73.4 54.6 82.0

138 96.8 72.9 109.3



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



#48

Acenaphthylene

Concen: 41.720 ng

RT: 14.40 min Scan# 1892

Delta R.T. -0.01 min

Lab File: BG034782.D

Acq: 29 May 2018 18:18

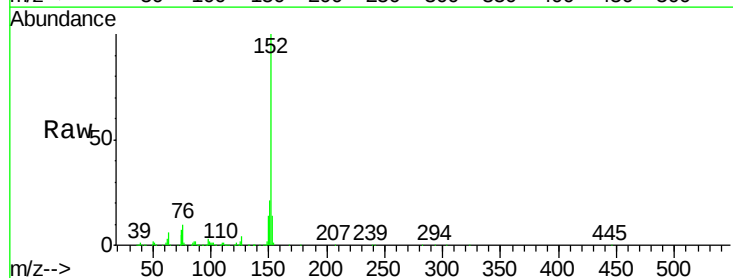
Tgt Ion: 152 Resp: 844479

Ion Ratio Lower Upper

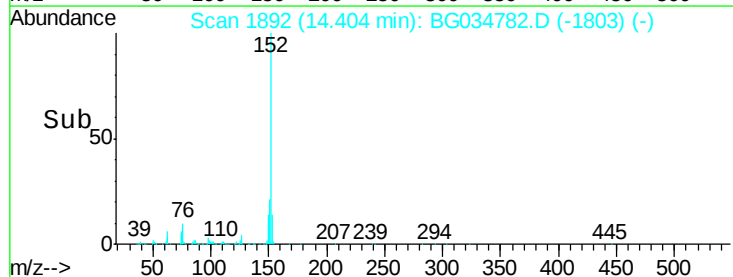
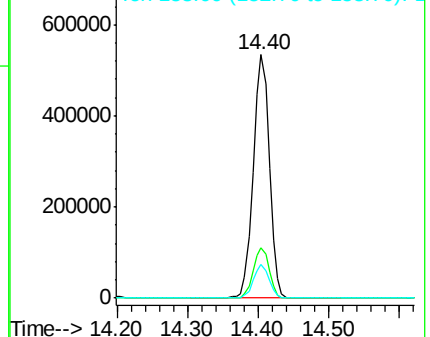
152 100

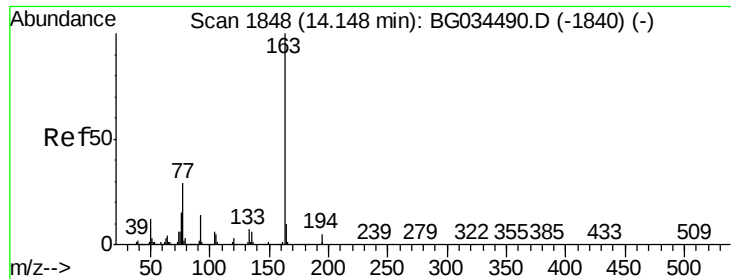
151 20.8 17.2 25.8

153 13.7 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): BGC
Ion 151.00 (150.70 to 151.70): BGC
Ion 153.00 (152.70 to 153.70): BGC





#49

Dimethylphthalate

Concen: 39.001 ng

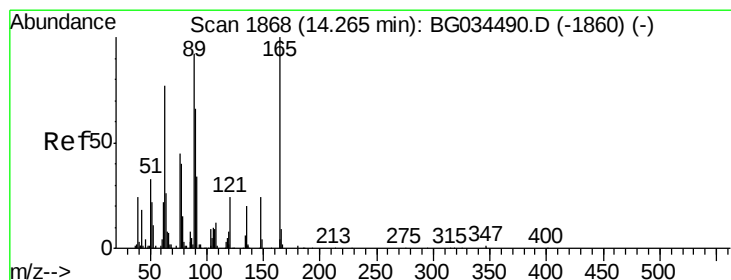
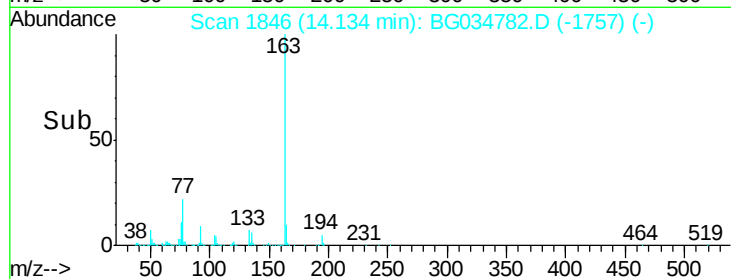
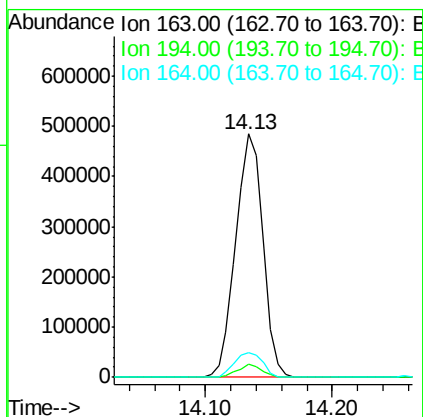
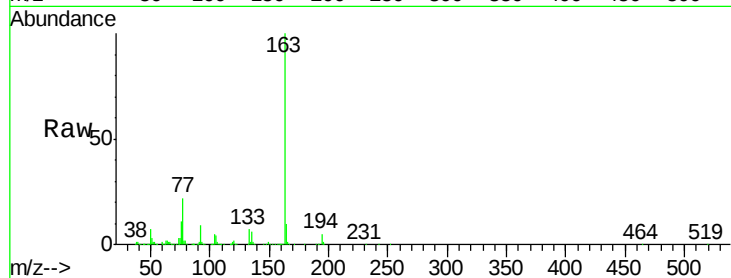
RT: 14.13 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BG034782.D

Acq: 29 May 2018 18:18

Tot Ion:163	Resp:	718217
Ion Ratio	Lower	Upper
163	100	
194	5.2	3.4 5.2#
164	10.1	8.2 12.4



#50

2,6-Dinitrotoluene

Concen: 43.422 ng

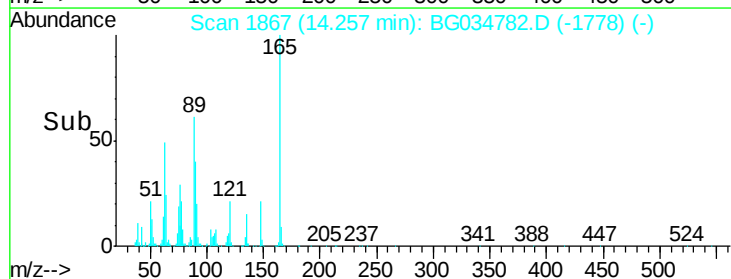
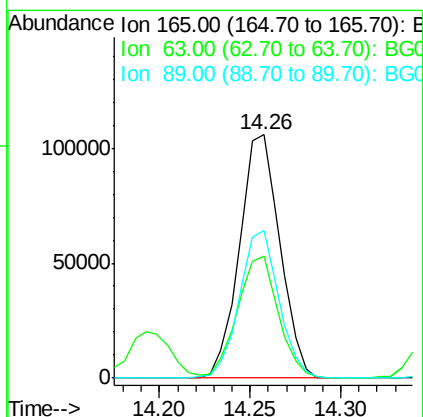
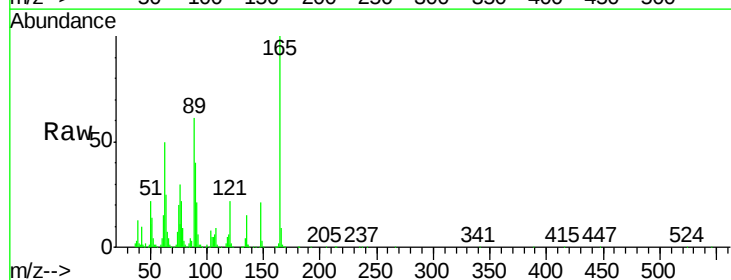
RT: 14.26 min Scan# 1867

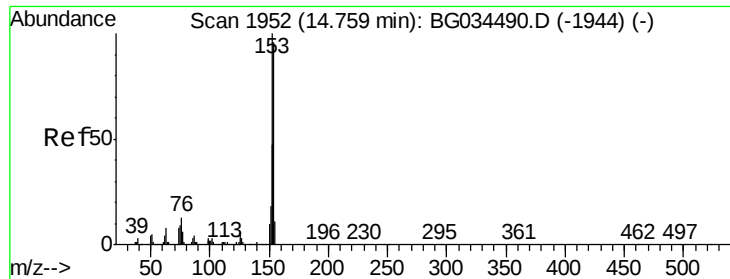
Delta R.T. -0.01 min

Lab File: BG034782.D

Acq: 29 May 2018 18:18

Tgt Ion:165	Resp:	163982
Ion Ratio	Lower	Upper
165	100	
63	50.3	52.7 79.1#
89	60.5	49.2 73.8





#51

Acenaphthene

Concen: 41.563 ng

RT: 14.74 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BG034782.D

Acq: 29 May 2018 18:18

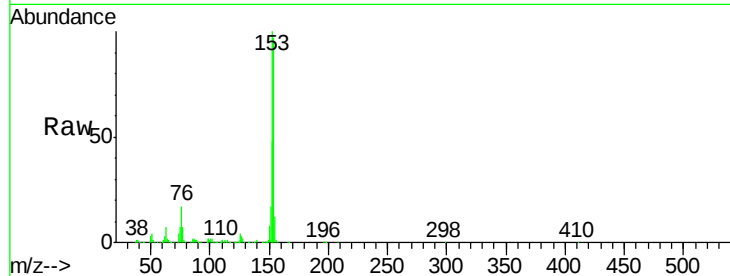
Tot Ion:154 Resp: 545418

Ion Ratio Lower Upper

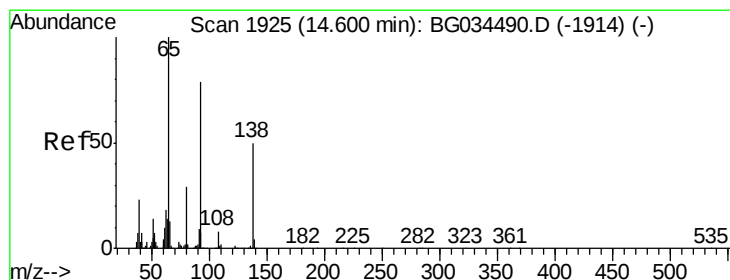
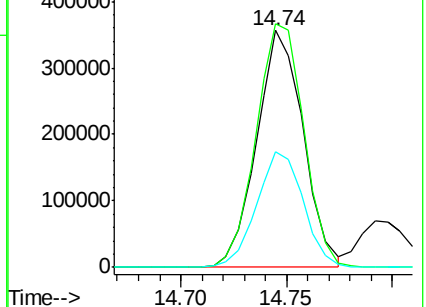
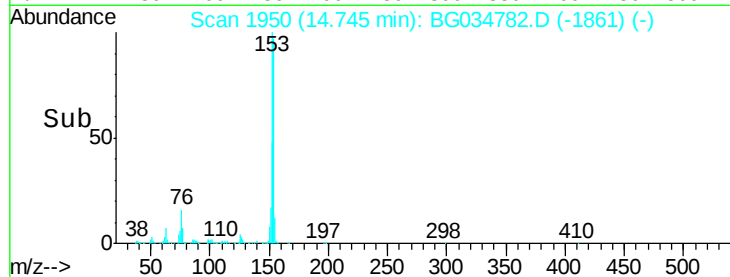
154 100

153 102.7 90.4 135.6

152 49.0 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 21.395 ng

RT: 14.59 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BG034782.D

Acq: 29 May 2018 18:18

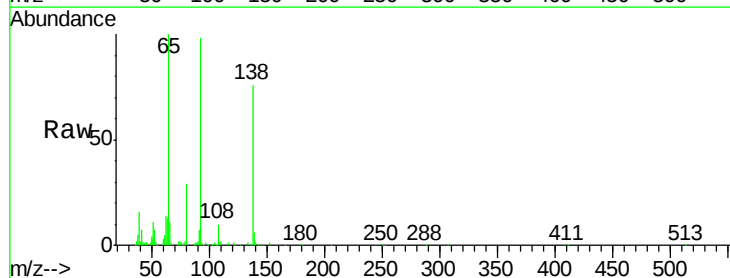
Tgt Ion:138 Resp: 74677

Ion Ratio Lower Upper

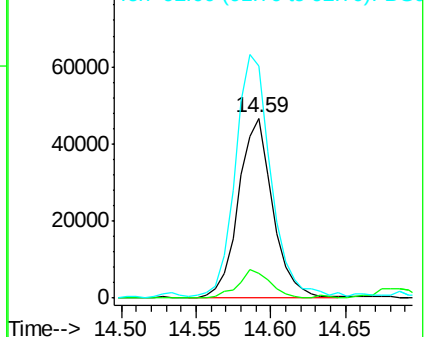
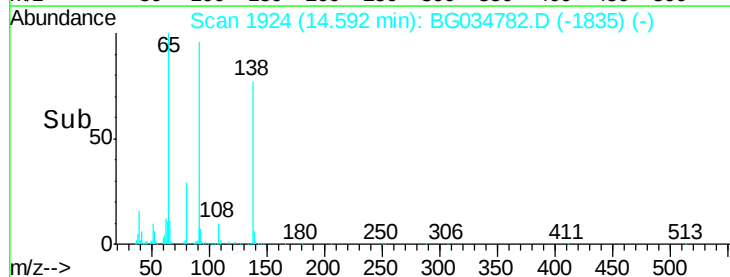
138 100

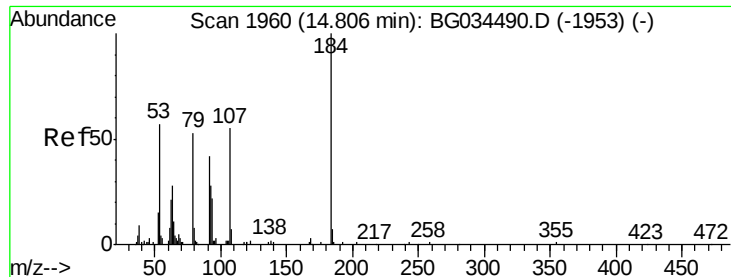
108 13.5 17.5 26.3#

92 128.7 105.8 158.8



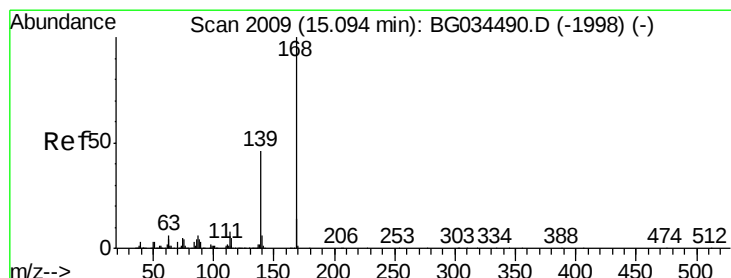
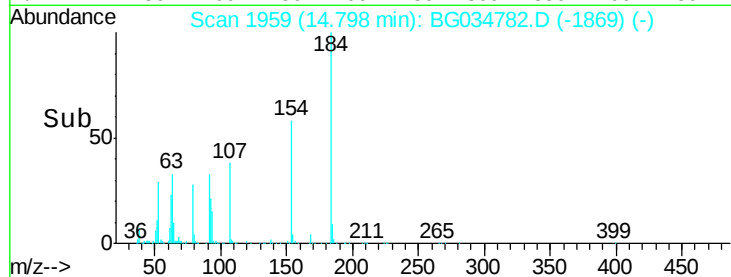
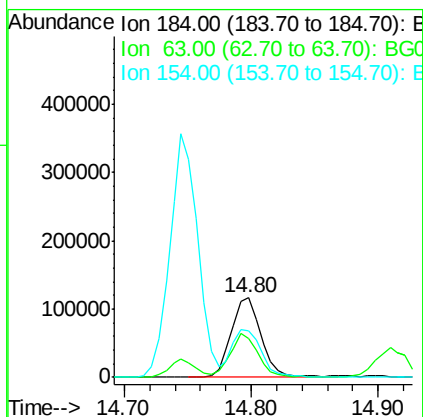
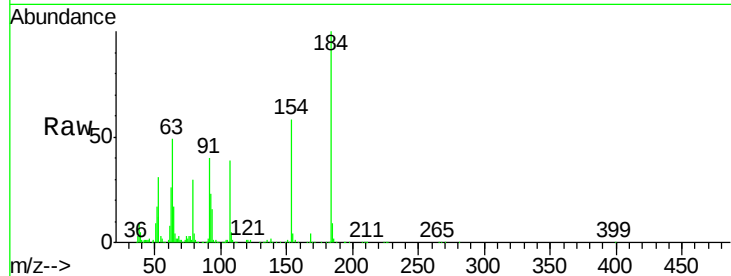
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC





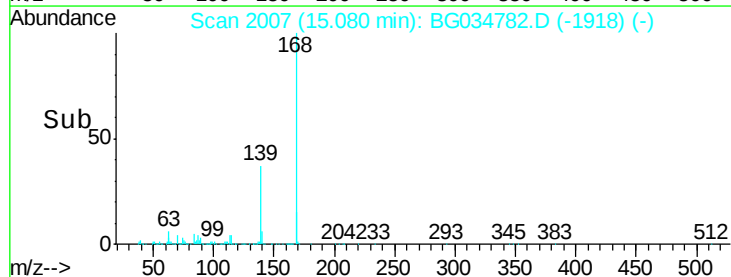
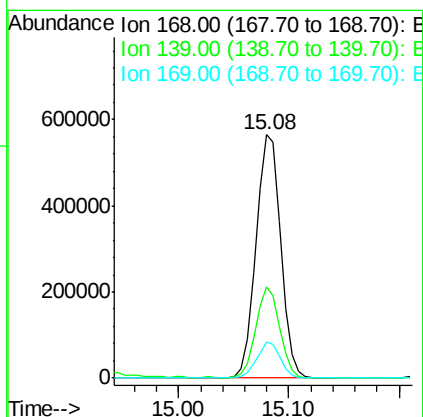
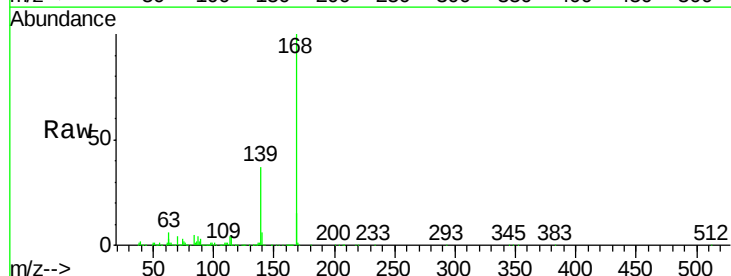
#53
2,4-Dinitrophenol
Concen: 76.998 ng
RT: 14.80 min Scan# 1959
Delta R.T. 0.00 min
Lab File: BG034782.D
Acq: 29 May 2018 18:18

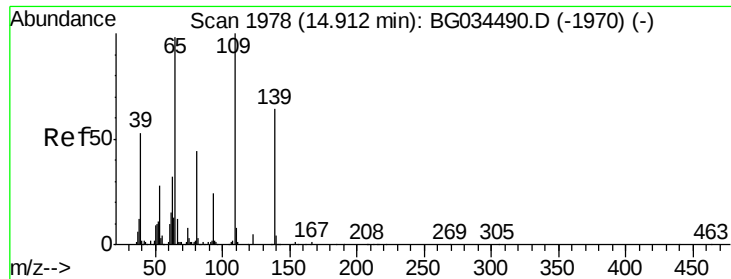
Tot Ion	Ratio	Lower	Upper
184	100		
63	48.6	59.8	89.8#
154	57.6	101.8	152.8#



#54
Dibenzofuran
Concen: 41.219 ng
RT: 15.08 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BG034782.D
Acq: 29 May 2018 18:18

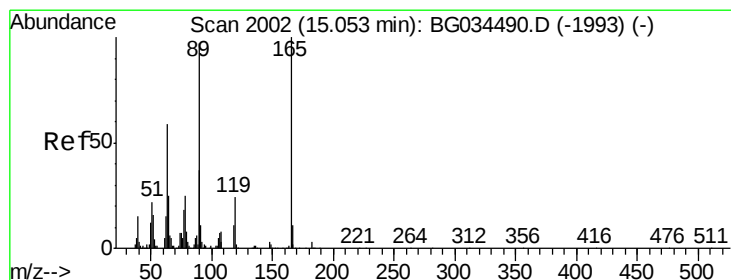
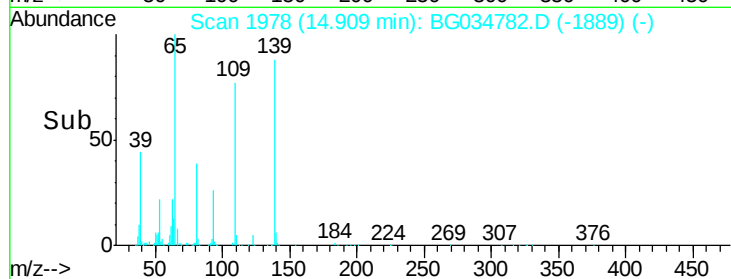
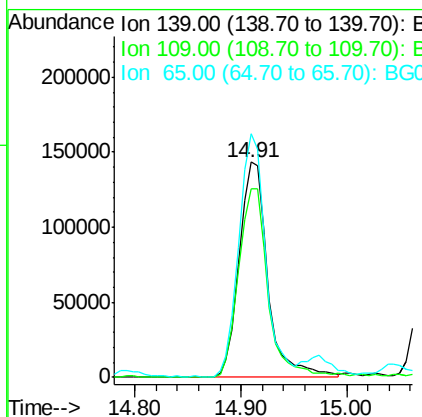
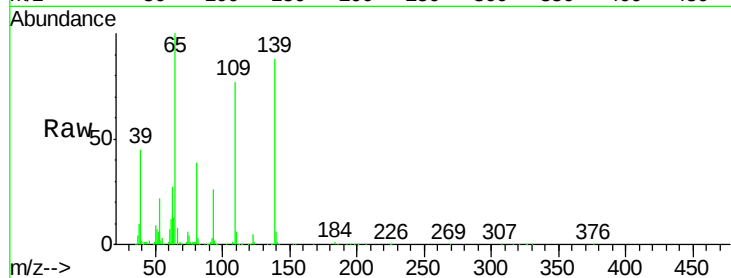
Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.4	28.6	43.0
169	14.6	11.2	16.8





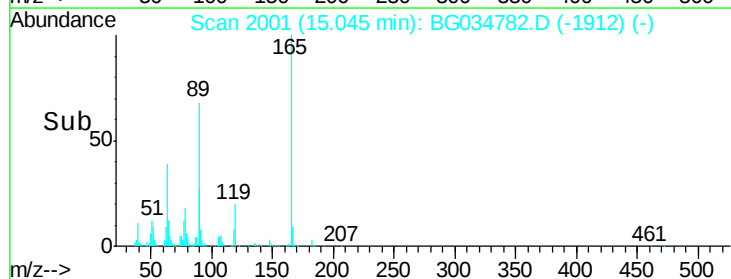
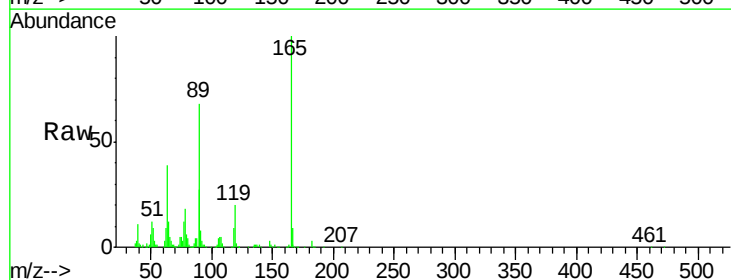
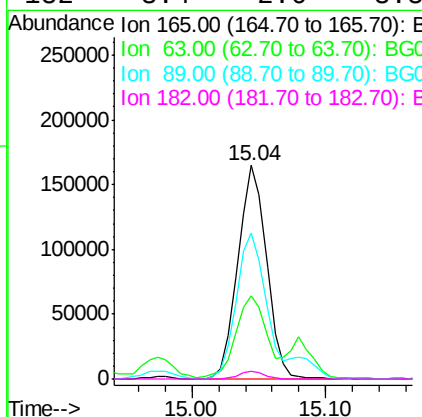
#55
4-Nitrophenol
Concen: 87.805 ng
RT: 14.91 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BG034782.D
Acq: 29 May 2018 18:18

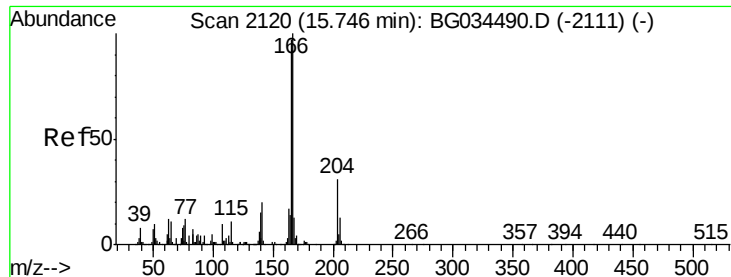
Tot Ion	Ratio	Lower	Upper
139	100		
109	87.7	62.2	102.2
65	113.3	97.2	137.2



#56
2,4-Dinitrotoluene
Concen: 43.576 ng
RT: 15.04 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BG034782.D
Acq: 29 May 2018 18:18

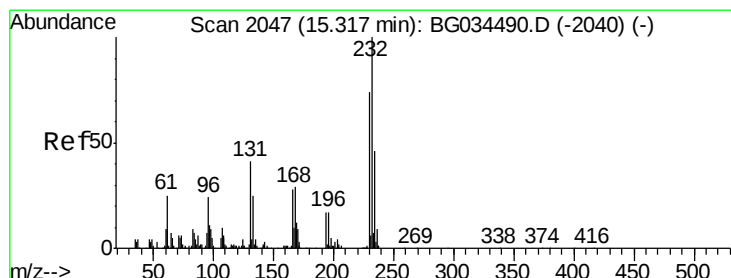
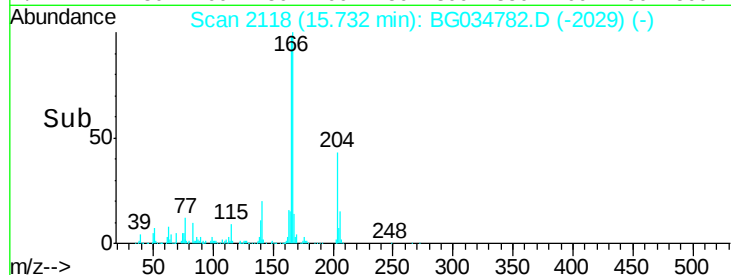
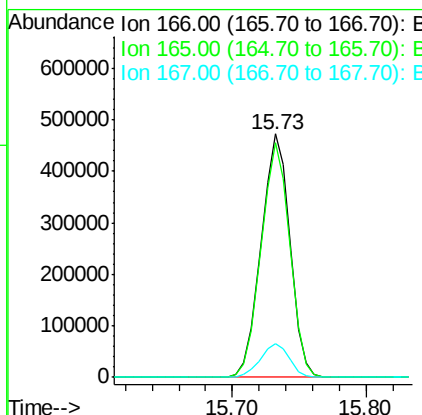
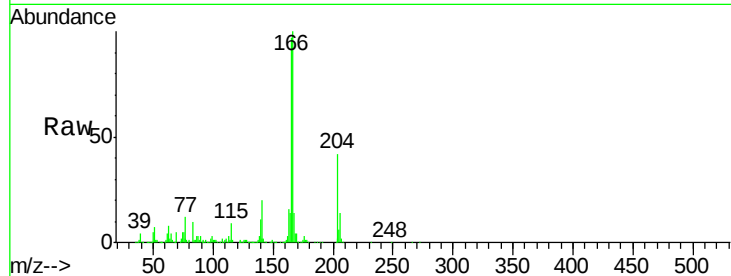
Tgt Ion	Ratio	Lower	Upper
165	100		
63	39.0	42.0	63.0#
89	68.2	66.9	100.3
182	3.4	2.6	3.8





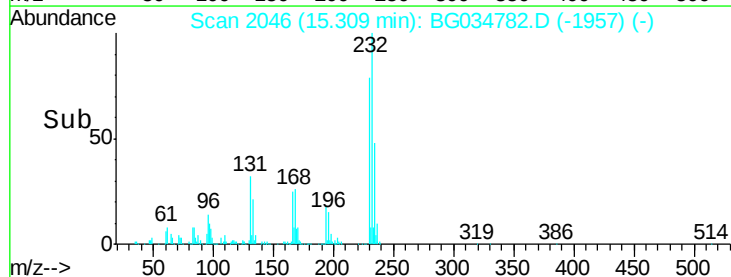
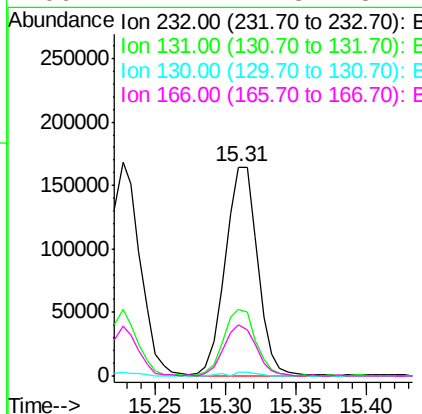
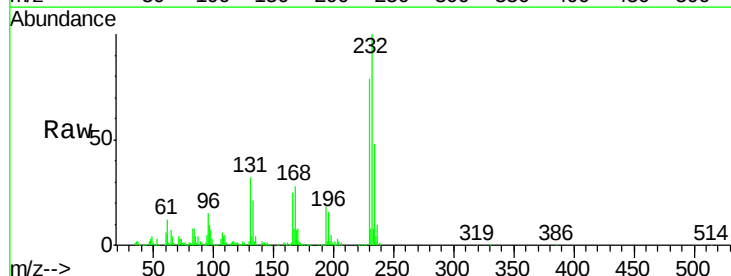
#57
 Fluorene
 Concen: 41.835 ng
 RT: 15.73 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: BG034782.D
 Acq: 29 May 2018 18:18

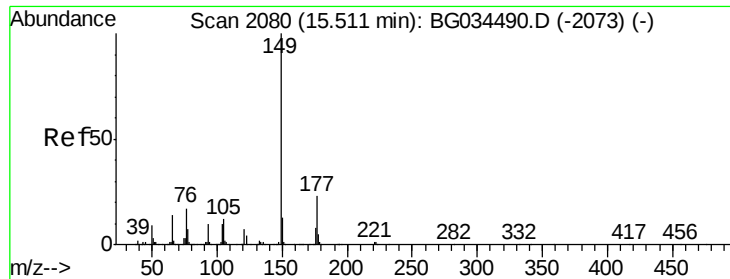
Tot Ion	Ratio	Lower	Upper
166	100		
165	96.5	80.6	121.0
167	13.9	10.4	15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.790 ng
 RT: 15.31 min Scan# 2046
 Delta R.T. -0.01 min
 Lab File: BG034782.D
 Acq: 29 May 2018 18:18

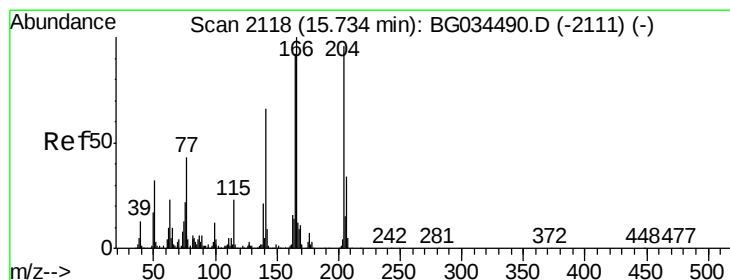
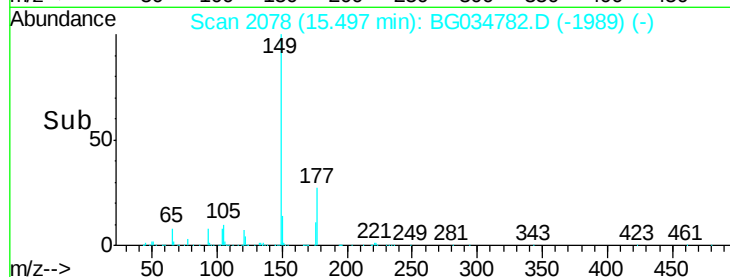
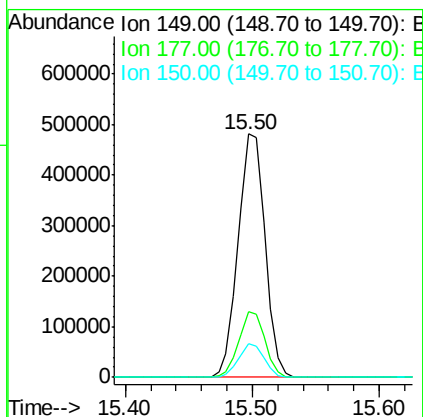
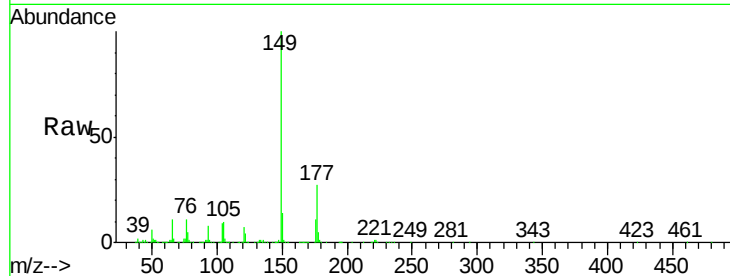
Tgt Ion	Ratio	Lower	Upper
232	100		
131	32.0	33.5	50.3#
130	1.5	2.2	3.2#
166	24.4	24.8	37.2#





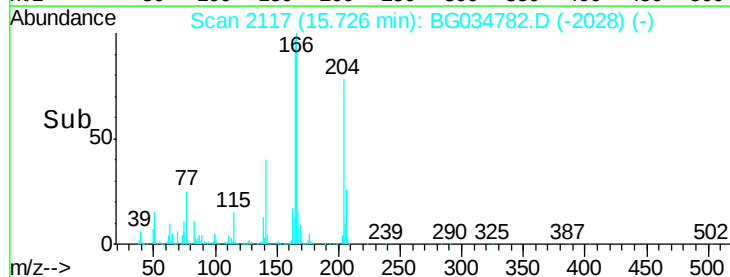
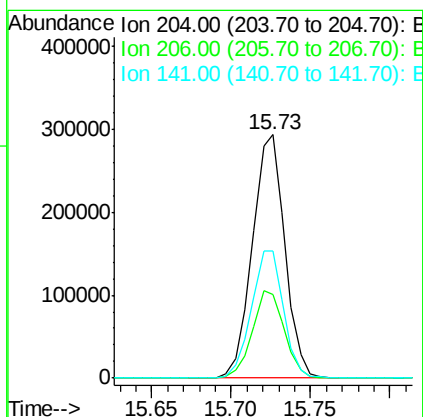
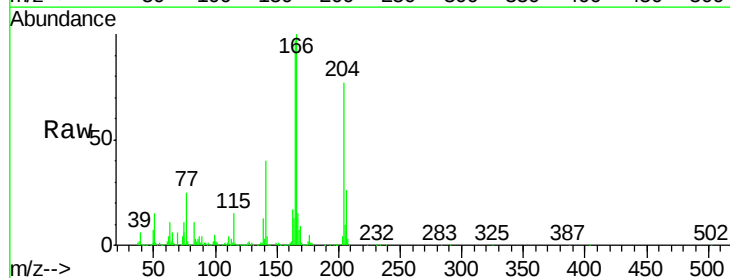
#59
Diethylphthalate
Concen: 36.840 ng
RT: 15.50 min Scan# 2078
Delta R.T. -0.01 min
Lab File: BG034782.D
Acq: 29 May 2018 18:18

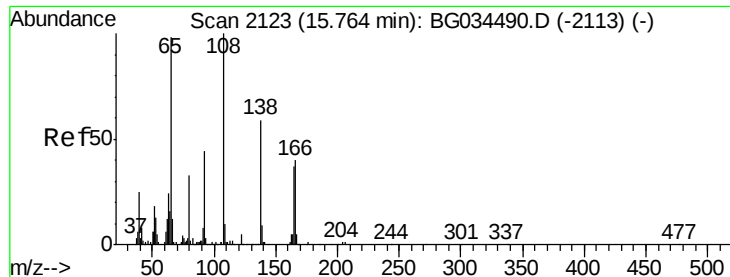
Tot Ion	Ratio	Lower	Upper
149	100		
177	27.2	18.5	27.7
150	14.0	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 41.823 ng
RT: 15.73 min Scan# 2117
Delta R.T. -0.01 min
Lab File: BG034782.D
Acq: 29 May 2018 18:18

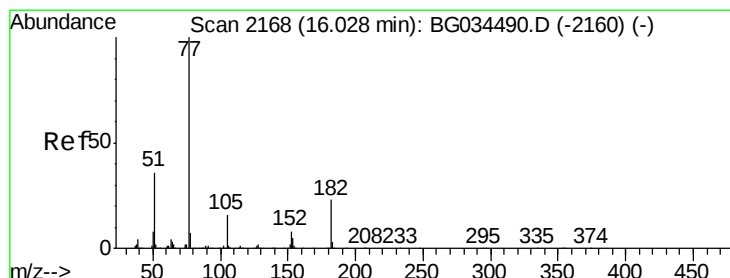
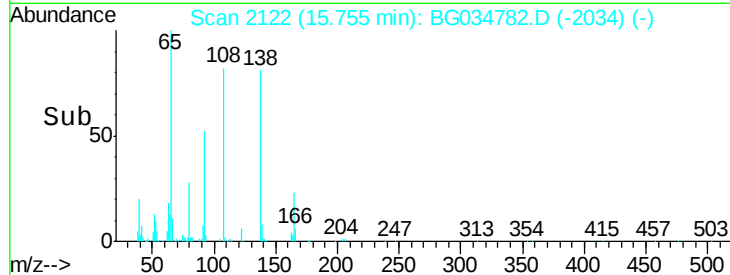
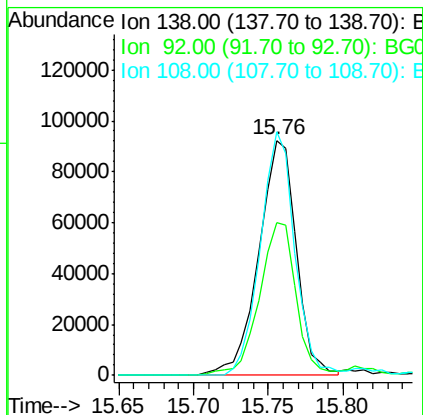
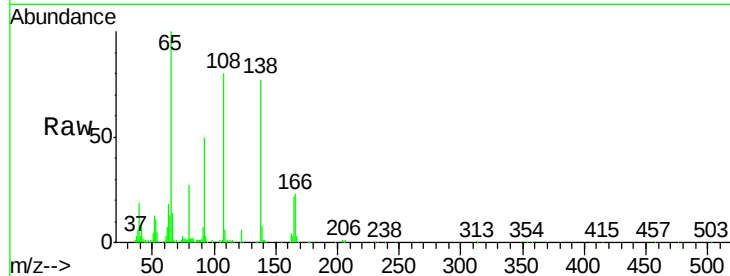
Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.1	26.2	39.2
141	52.2	45.8	68.6





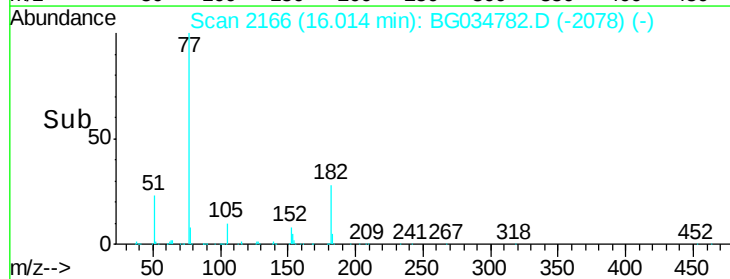
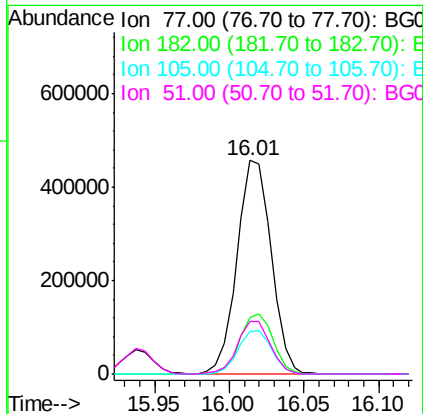
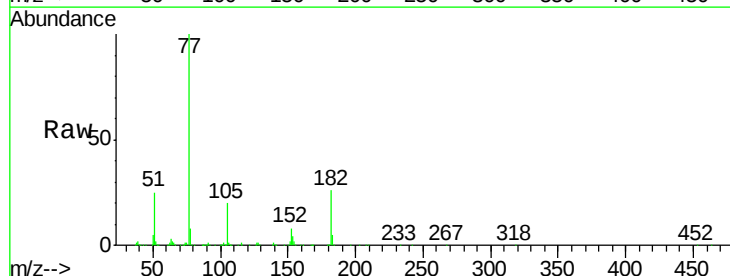
#61
4-Nitroaniline
Concen: 40.627 ng
RT: 15.76 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BG034782.D
Acq: 29 May 2018 18:18

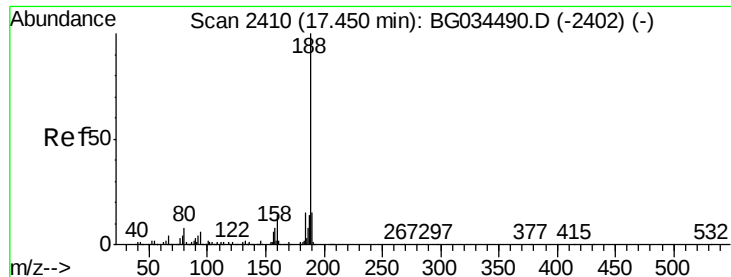
Tot Ion:138 Resp: 160760
Ion Ratio Lower Upper
138 100
92 65.1 40.1 80.1
108 103.6 65.4 105.4



#62
Azobenzene
Concen: 35.704 ng
RT: 16.01 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BG034782.D
Acq: 29 May 2018 18:18

Tgt Ion: 77 Resp: 725911
Ion Ratio Lower Upper
77 100
182 26.3 7.4 47.4
105 20.1 0.3 40.3
51 24.6 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2408

Delta R.T. -0.01 min

Lab File: BG034782.D

Acq: 29 May 2018 18:18

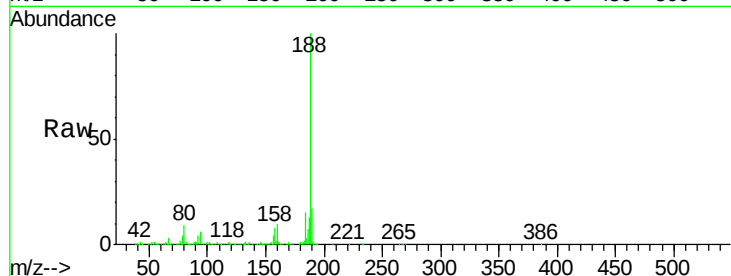
Tot Ion:188 Resp: 549522

Ion Ratio Lower Upper

188 100

94 6.3 6.9 10.3#

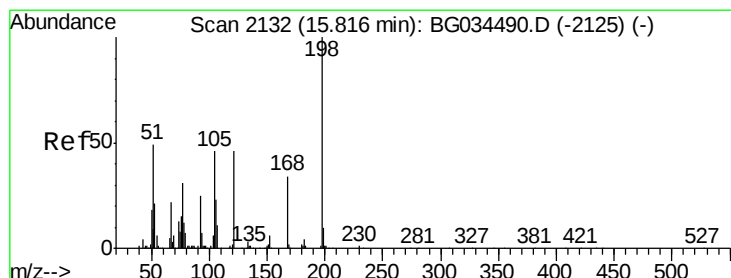
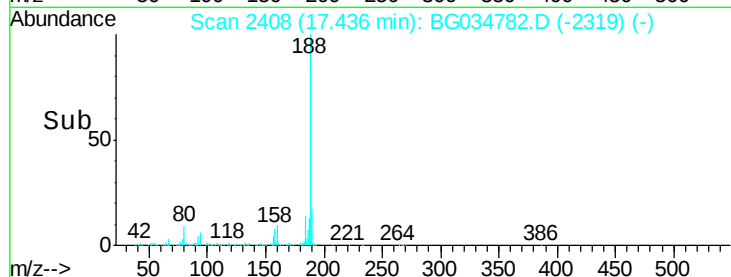
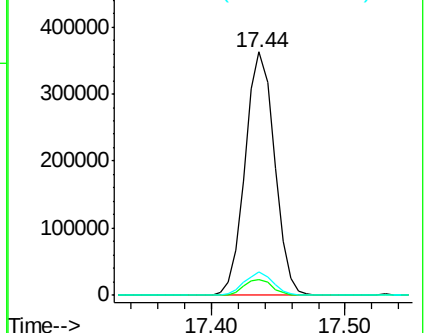
80 9.4 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 42.421 ng

RT: 15.81 min Scan# 2132

Delta R.T. -0.01 min

Lab File: BG034782.D

Acq: 29 May 2018 18:18

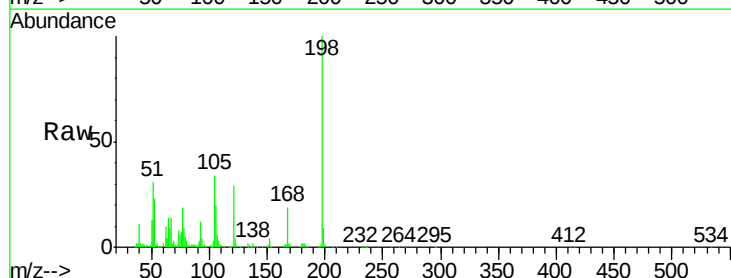
Tgt Ion:198 Resp: 149486

Ion Ratio Lower Upper

198 100

51 31.2 30.6 70.6

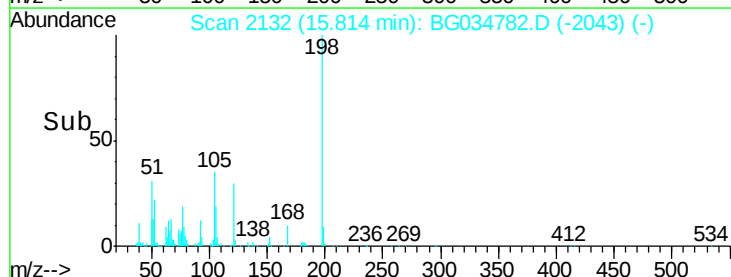
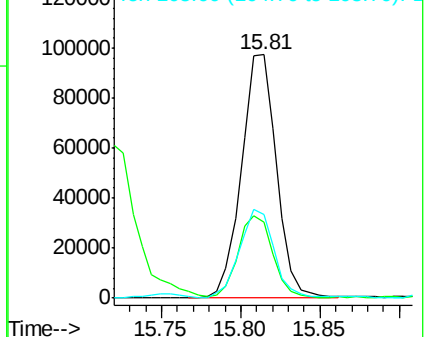
105 34.4 23.8 63.8

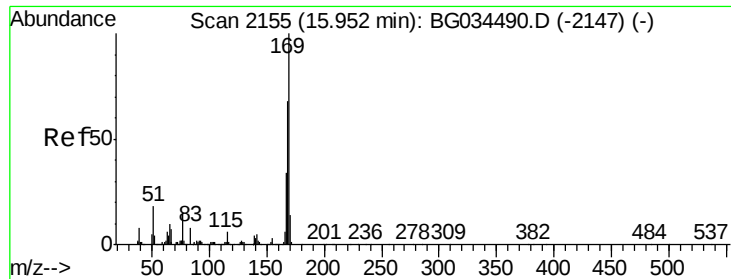


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

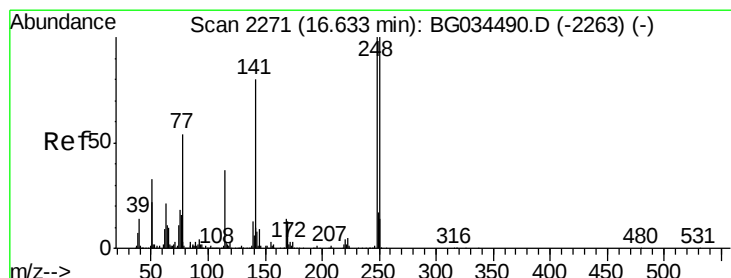
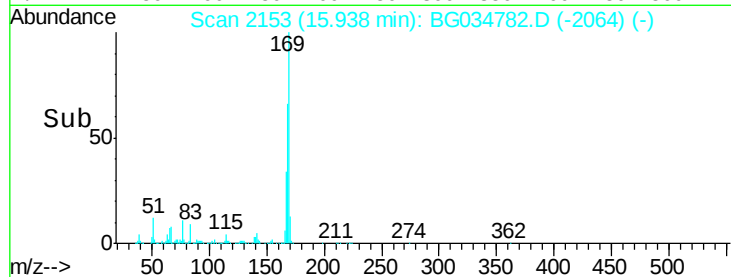
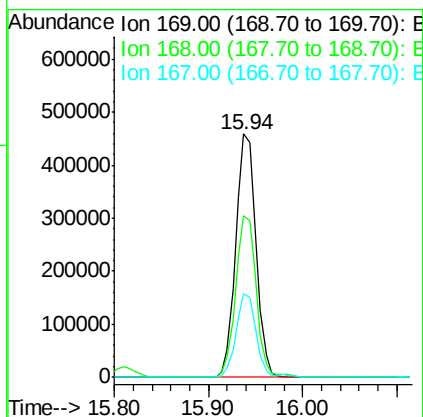
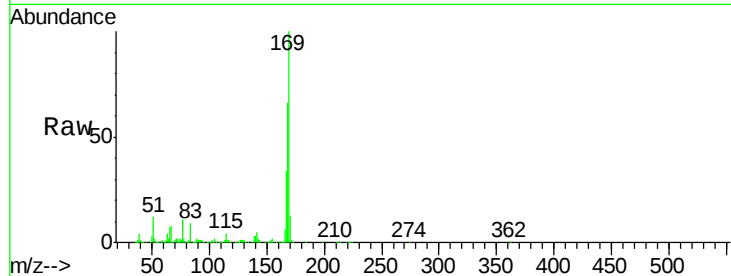
Ion 105.00 (104.70 to 105.70): E





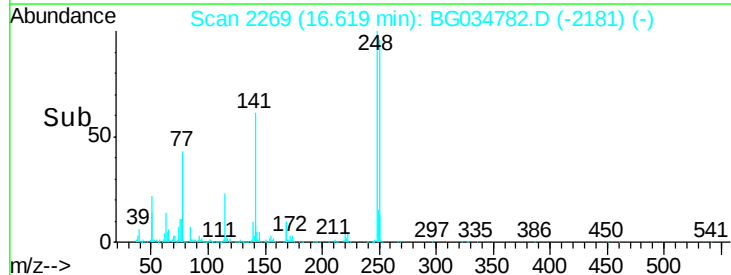
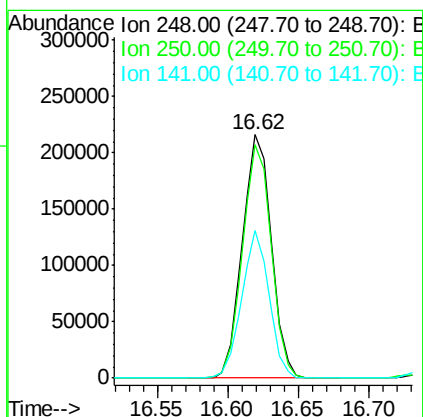
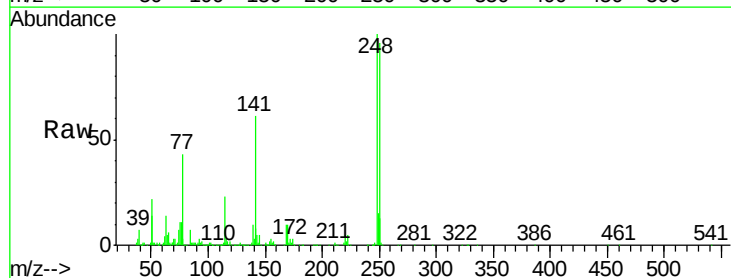
#65
 n-Nitrosodiphenylamine
 Concen: 42.639 ng
 RT: 15.94 min Scan# 2153
 Delta R.T. -0.01 min
 Lab File: BG034782.D
 Acq: 29 May 2018 18:18

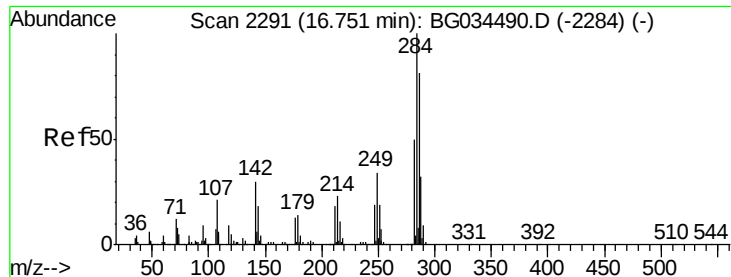
Tot Ion	Ratio	Lower	Upper
169	100		
168	66.2	55.7	83.5
167	34.2	30.1	45.1



#66
 4-Bromophenyl-phenylether
 Concen: 43.091 ng
 RT: 16.62 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: BG034782.D
 Acq: 29 May 2018 18:18

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.7	77.1	115.7
141	60.5	50.8	76.2





#67

Hexachlorobenzene

Concen: 41.167 ng

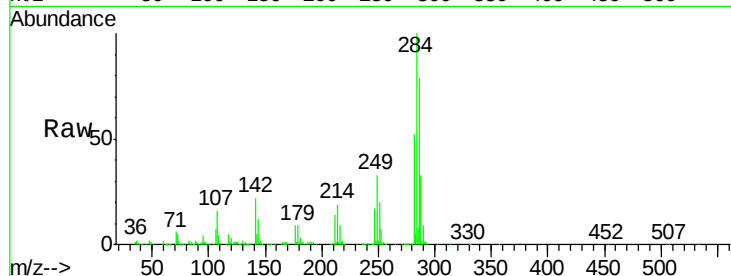
RT: 16.74 min Scan# 2290

Delta R.T. -0.01 min

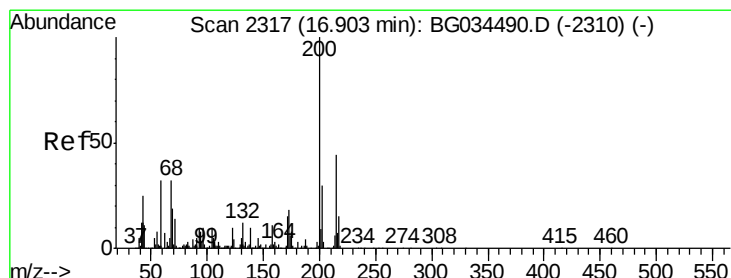
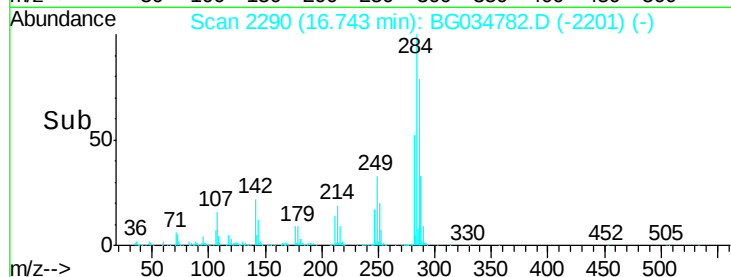
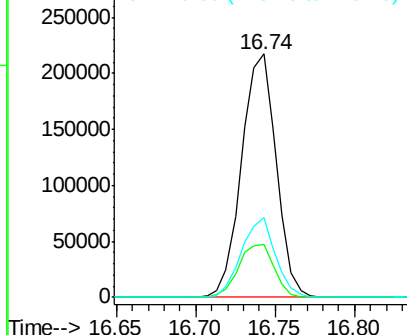
Lab File: BG034782.D

Acq: 29 May 2018 18:18

Tot Ion:284	Resp:	328983
Ion Ratio	Lower	Upper
284	100	
142	21.8	26.8 40.2#
249	32.9	26.3 39.5



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



#68

Atrazine

Concen: 41.174 ng

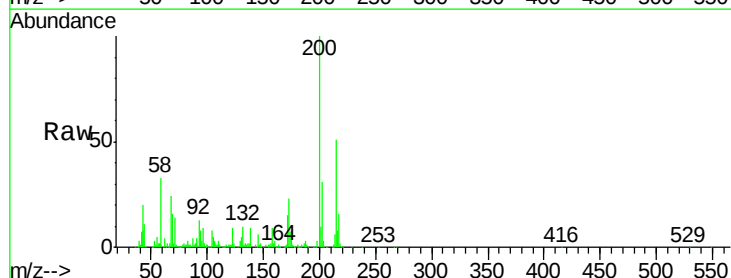
RT: 16.89 min Scan# 2315

Delta R.T. -0.01 min

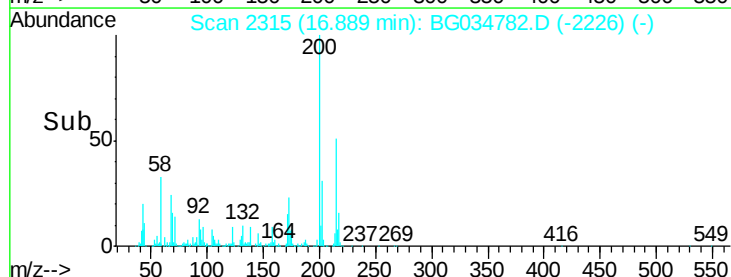
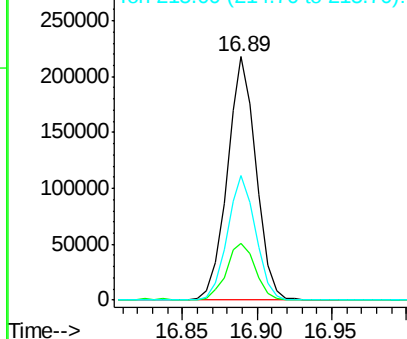
Lab File: BG034782.D

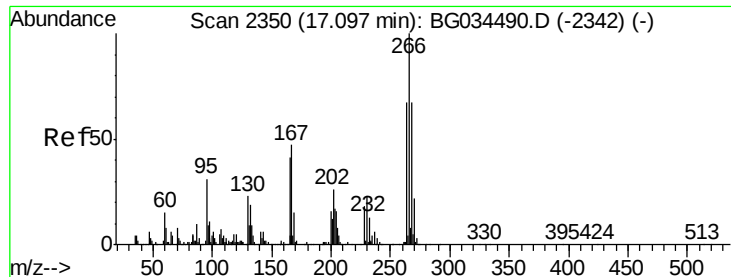
Acq: 29 May 2018 18:18

Tgt Ion:200	Resp:	293228
Ion Ratio	Lower	Upper
200	100	
173	23.3	5.2 45.2
215	51.2	30.4 70.4



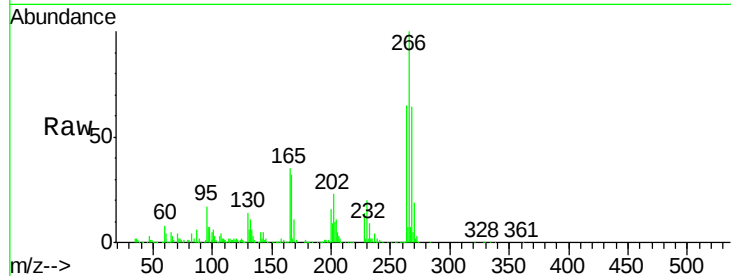
Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



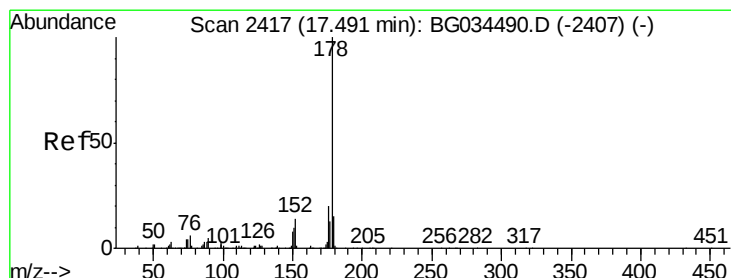
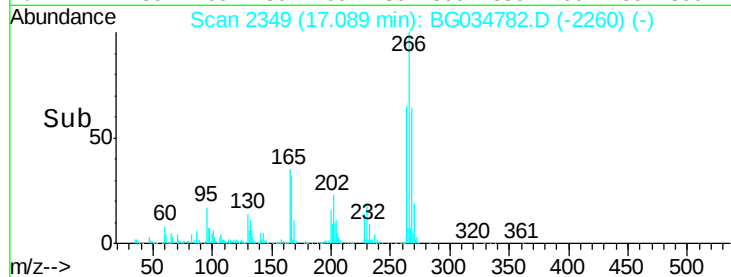
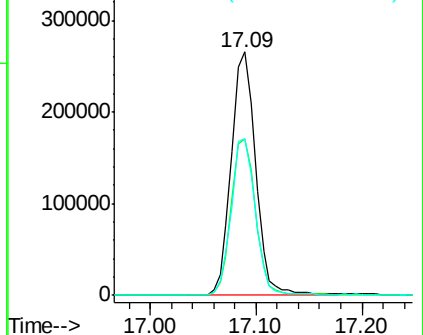


#69
 Pentachlorophenol
 Concen: 88.129 ng
 RT: 17.09 min Scan# 2349
 Delta R.T. -0.01 min
 Lab File: BG034782.D
 Acq: 29 May 2018 18:18

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.5	51.1	76.7
264	64.6	49.6	74.4

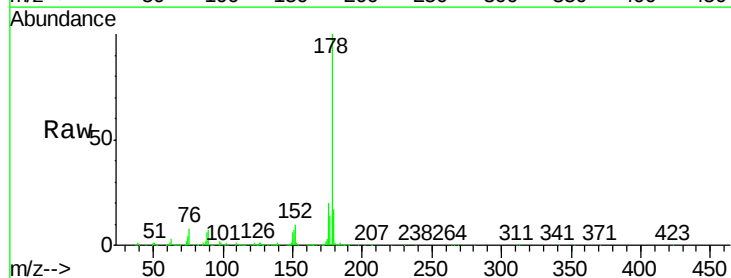


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

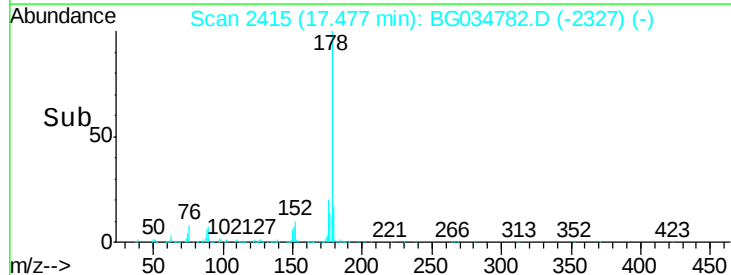
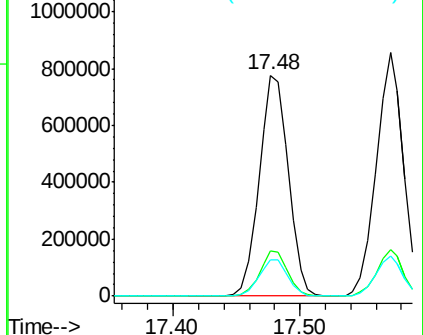


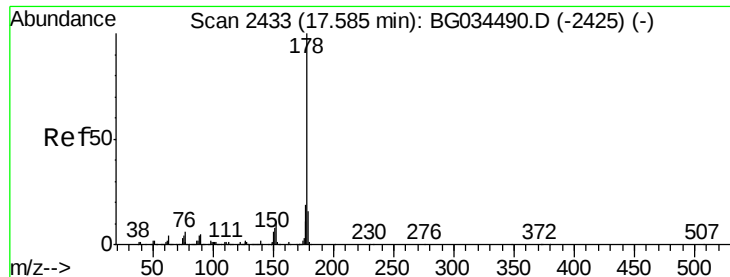
#70
 Phenanthrene
 Concen: 41.457 ng
 RT: 17.48 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BG034782.D
 Acq: 29 May 2018 18:18

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.7	23.5
179	16.7	12.5	18.7



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

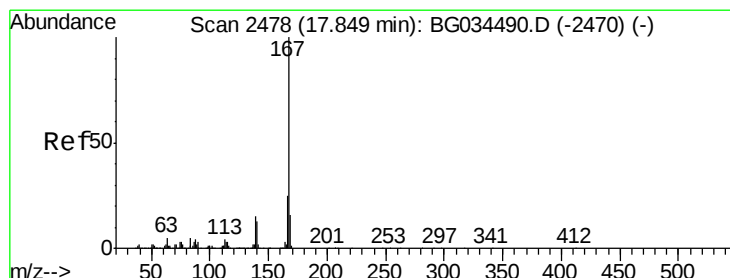
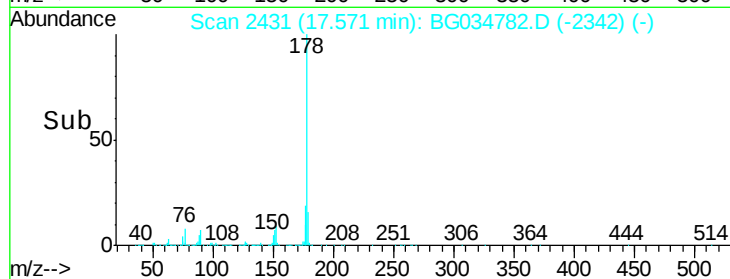
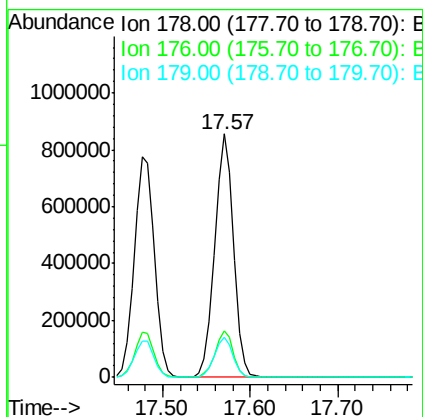
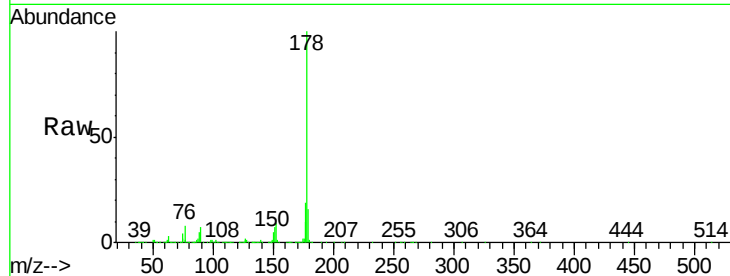




#71
 Anthracene
 Concen: 42.131 ng
 RT: 17.57 min Scan# 2431
 Delta R.T. -0.01 min
 Lab File: BG034782.D
 Acq: 29 May 2018 18:18

Tot Ion:178 Resp: 1277761

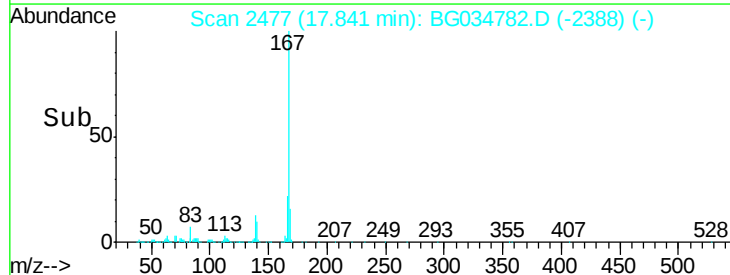
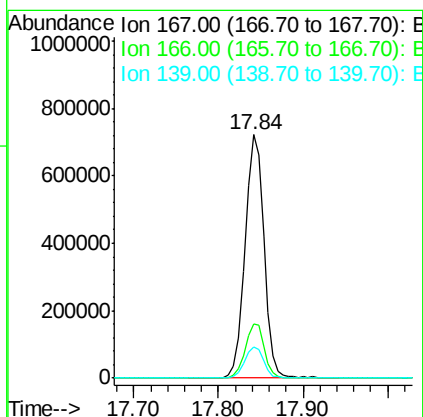
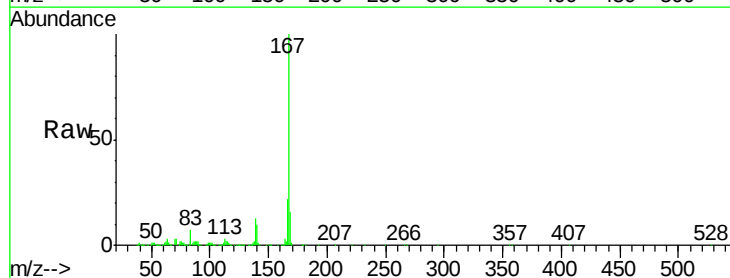
Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.0	24.0
179	16.3	12.5	18.7

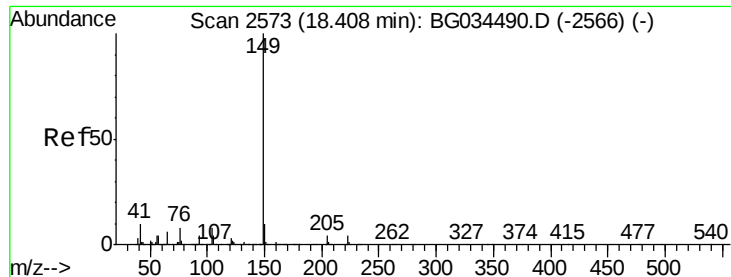


#72
 Carbazole
 Concen: 44.699 ng
 RT: 17.84 min Scan# 2477
 Delta R.T. -0.01 min
 Lab File: BG034782.D
 Acq: 29 May 2018 18:18

Tgt Ion:167 Resp: 1121900

Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.2	27.4
139	12.9	9.4	14.2





#73

Di-n-butylphthalate

Concen: 39.891 ng

RT: 18.40 min Scan# 2572

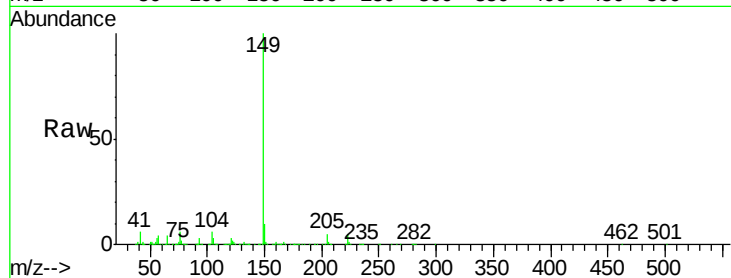
Delta R.T. -0.01 min

Lab File: BG034782.D

Acq: 29 May 2018 18:18

Tot Ion:149 Resp: 1239586

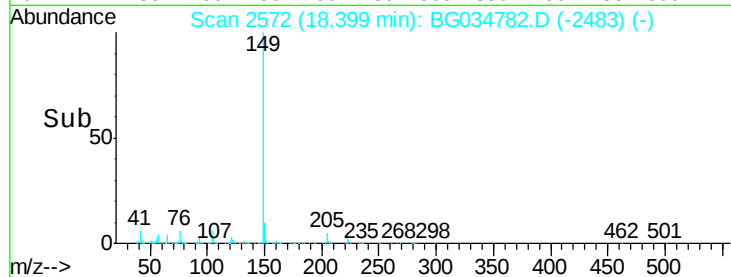
Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.8	11.6
104	6.0	3.9	5.9



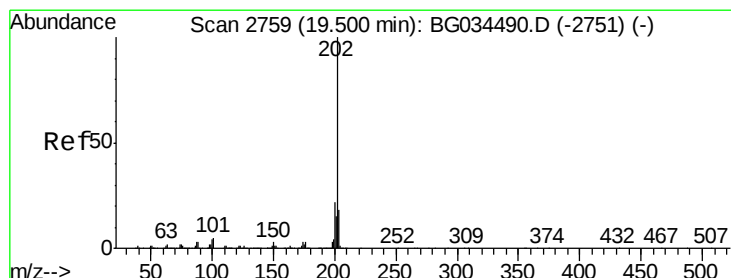
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time--> 18.30 18.40 18.50



#74

Fluoranthene

Concen: 43.666 ng

RT: 19.49 min Scan# 2758

Delta R.T. -0.01 min

Lab File: BG034782.D

Acq: 29 May 2018 18:18

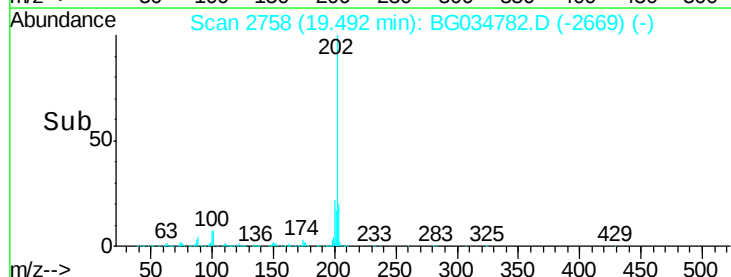
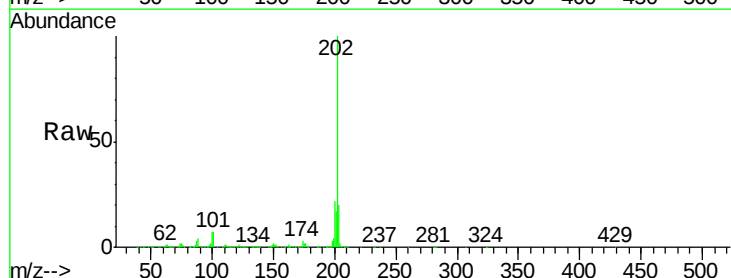
Tgt Ion:202 Resp: 1606222

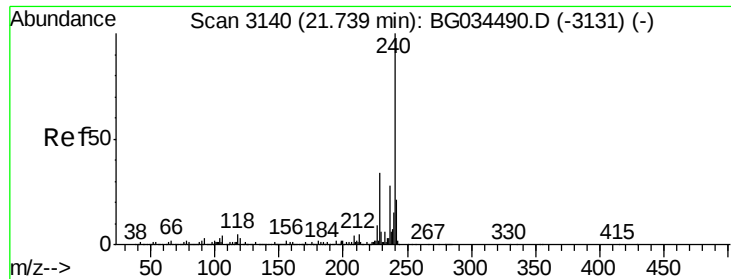
Ion	Ratio	Lower	Upper
202	100		
101	6.9	0.0	28.9
203	19.7	0.0	37.5

Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.72 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG034782.D

Acq: 29 May 2018 18:18

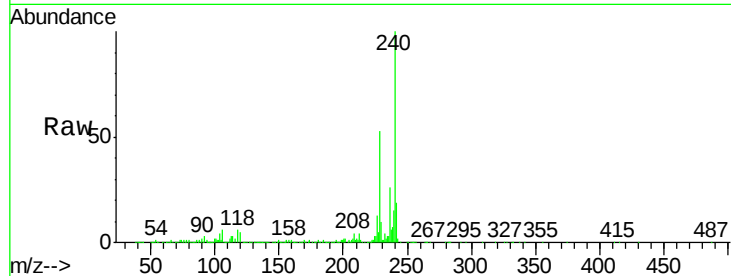
Tot Ion:240 Resp: 653875

Ion Ratio Lower Upper

240 100

120 4.5 6.8 10.2#

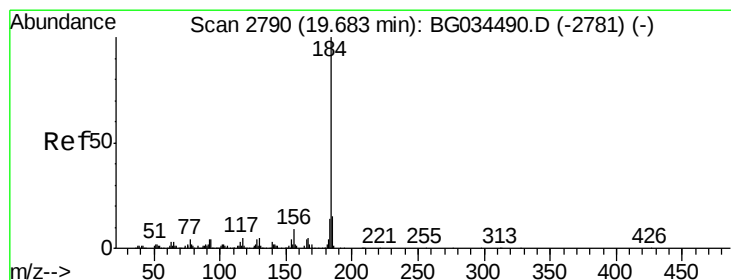
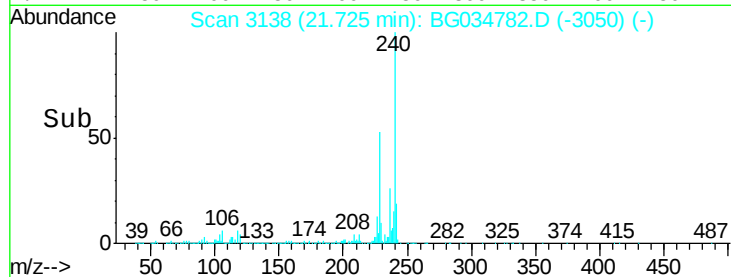
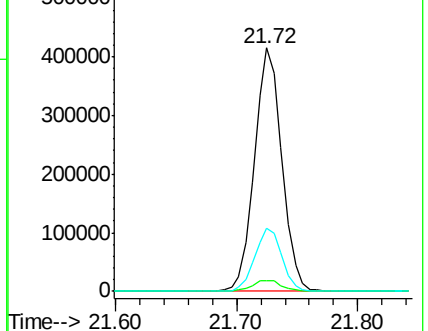
236 26.2 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 33.665 ng

RT: 19.67 min Scan# 2789

Delta R.T. -0.01 min

Lab File: BG034782.D

Acq: 29 May 2018 18:18

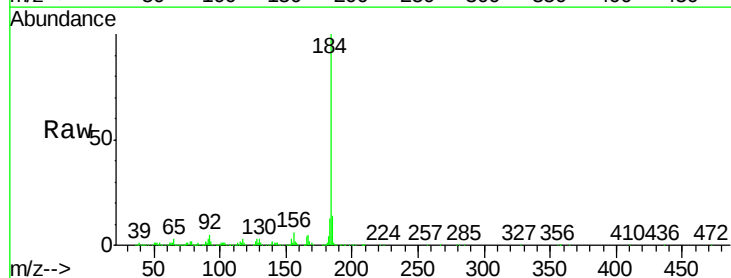
Tgt Ion:184 Resp: 586167

Ion Ratio Lower Upper

184 100

185 13.8 11.1 16.7

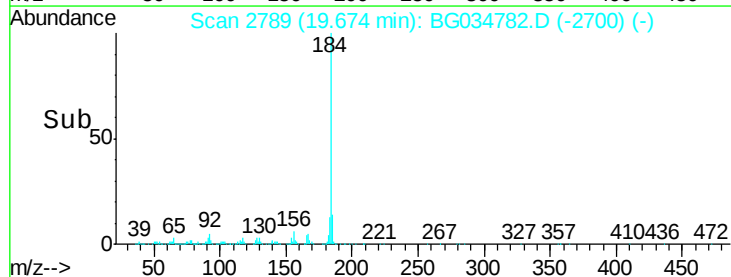
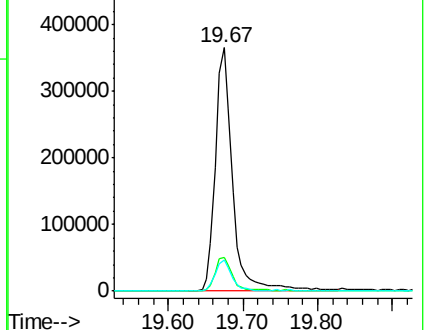
183 13.0 10.6 16.0

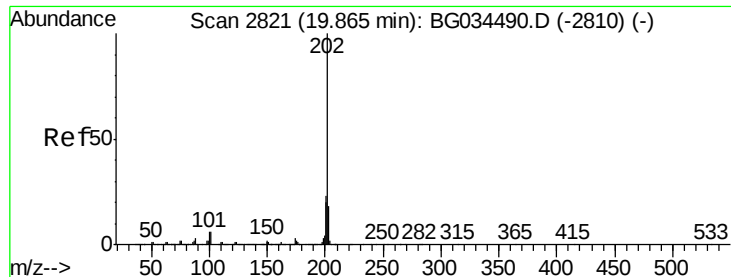


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 39.505 ng

RT: 19.86 min Scan# 2820

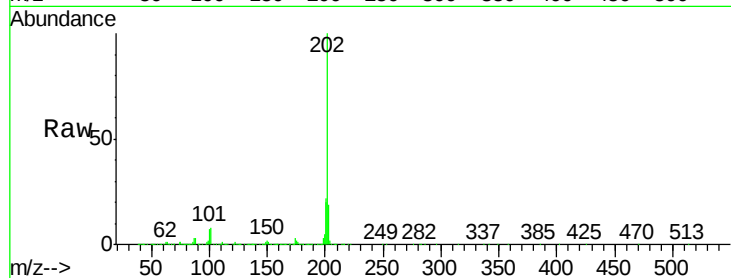
Delta R.T. -0.01 min

Lab File: BG034782.D

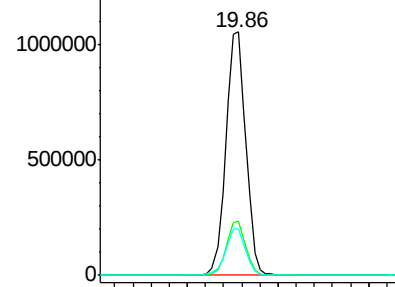
Acq: 29 May 2018 18:18

Tot Ion:202 Resp: 1616940

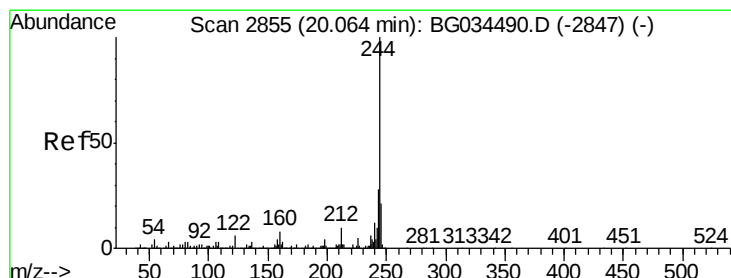
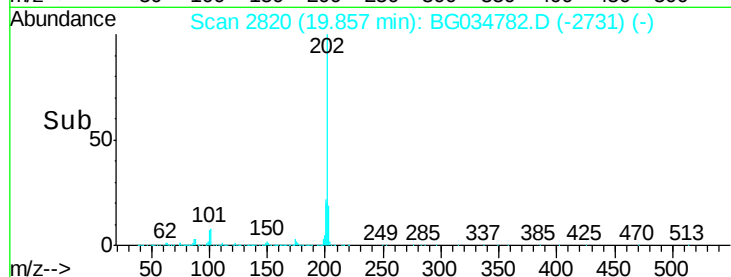
Ion	Ratio	Lower	Upper
202	100		
200	22.1	16.9	25.3
203	18.9	13.9	20.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->



#78

Terphenyl-d14

Concen: 86.991 ng

RT: 20.05 min Scan# 2853

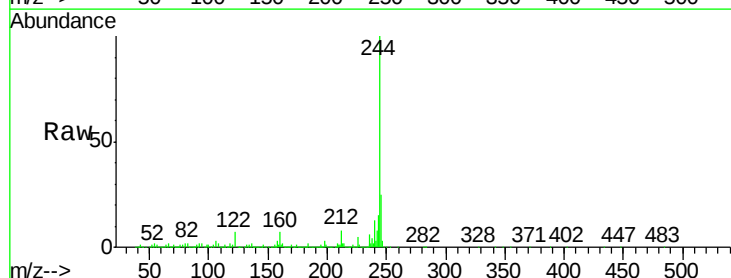
Delta R.T. -0.01 min

Lab File: BG034782.D

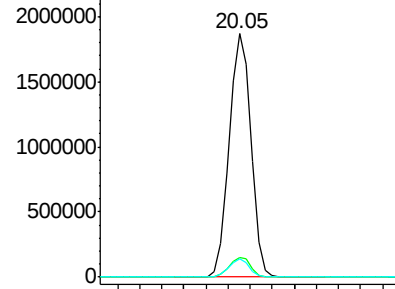
Acq: 29 May 2018 18:18

Tgt Ion:244 Resp: 2593804

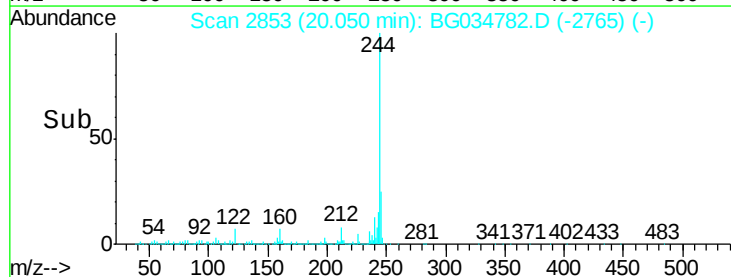
Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.8	8.8
122	7.4	7.0	10.4

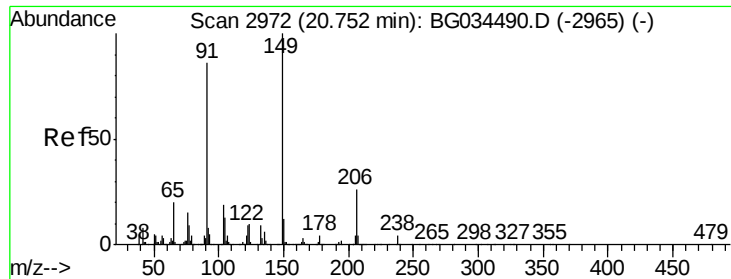


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



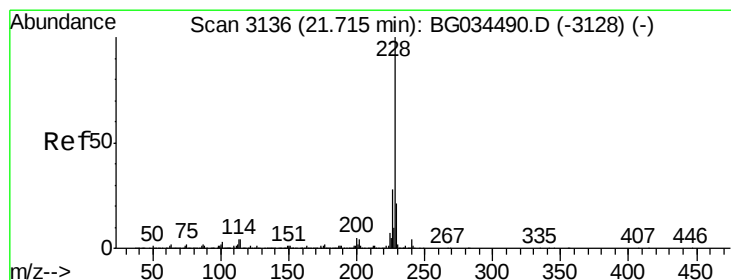
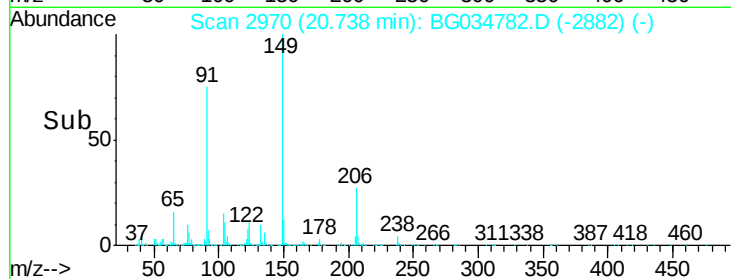
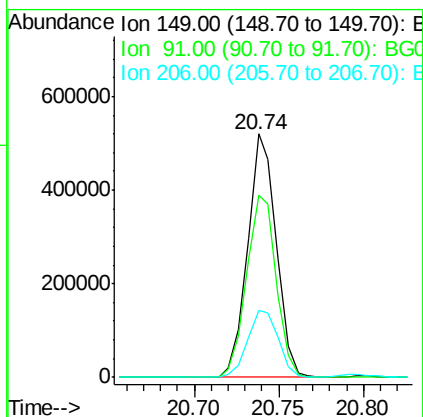
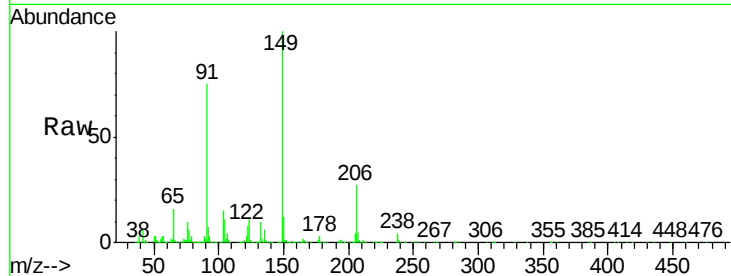
Time-->





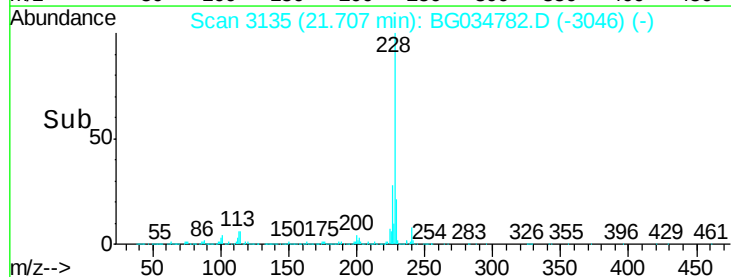
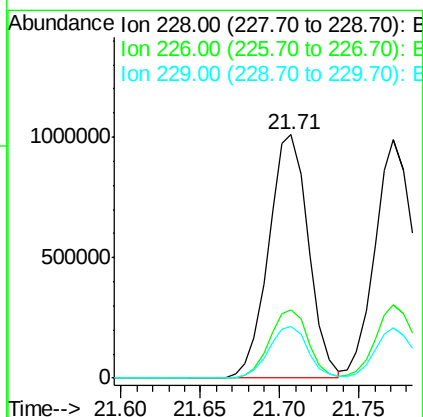
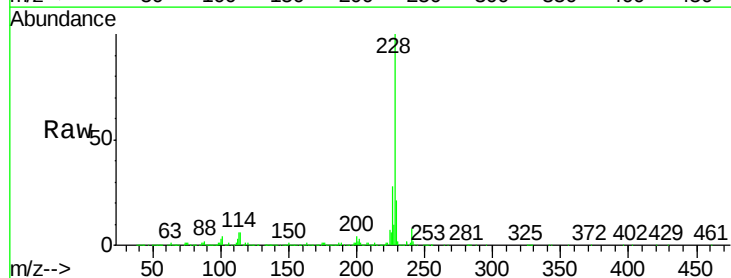
#79
Butylbenzylphthalate
Concen: 38.879 ng
RT: 20.74 min Scan# 2970
Delta R.T. -0.01 min
Lab File: BG034782.D
Acq: 29 May 2018 18:18

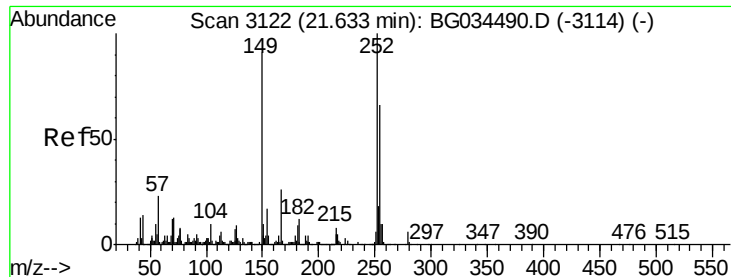
Tot Ion	Ratio	Lower	Upper
149	100		
91	74.9	62.2	93.2
206	27.4	18.6	27.8



#80
Benzo(a)anthracene
Concen: 41.404 ng
RT: 21.71 min Scan# 3135
Delta R.T. -0.01 min
Lab File: BG034782.D
Acq: 29 May 2018 18:18

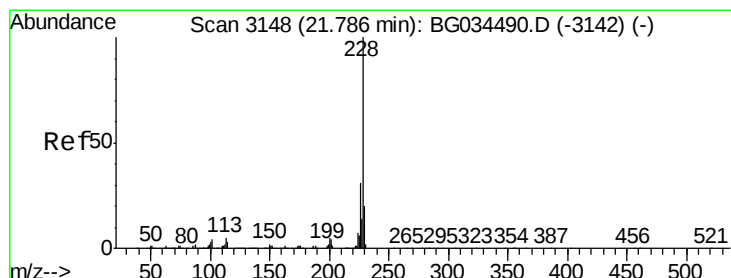
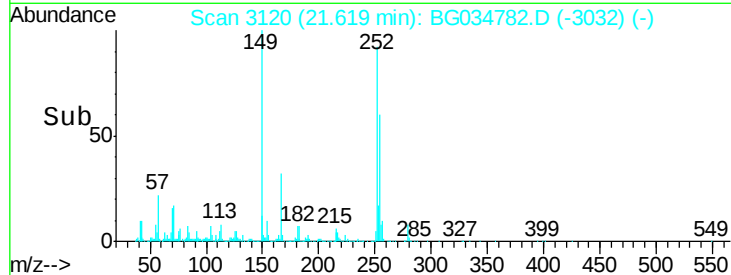
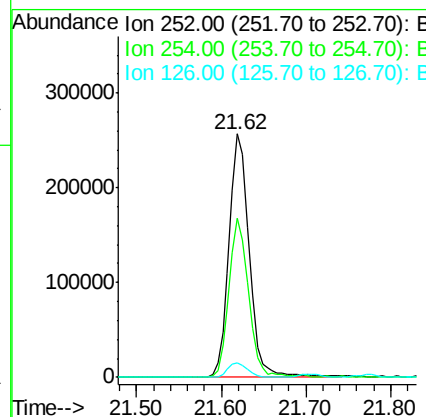
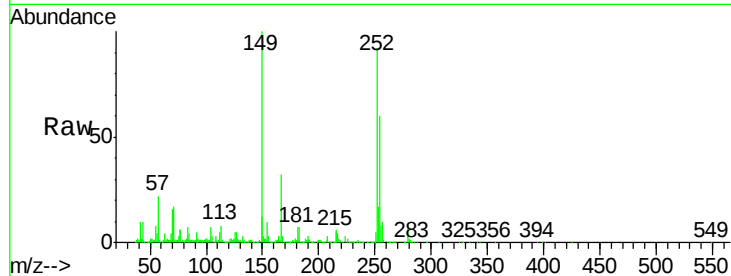
Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.7	34.1
229	21.4	16.2	24.2





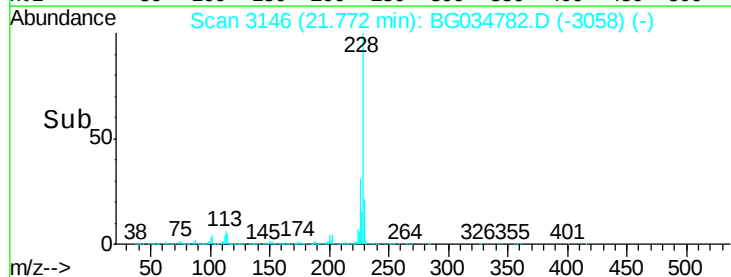
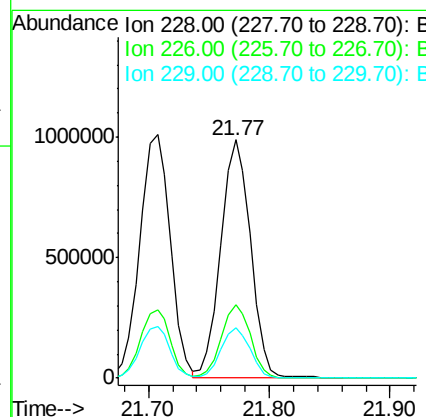
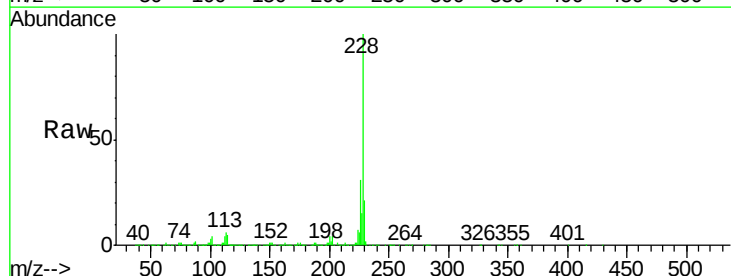
#81
 3,3'-Dichlorobenzidine
 Concen: 25.819 ng
 RT: 21.62 min Scan# 3120
 Delta R.T. -0.01 min
 Lab File: BG034782.D
 Acq: 29 May 2018 18:18

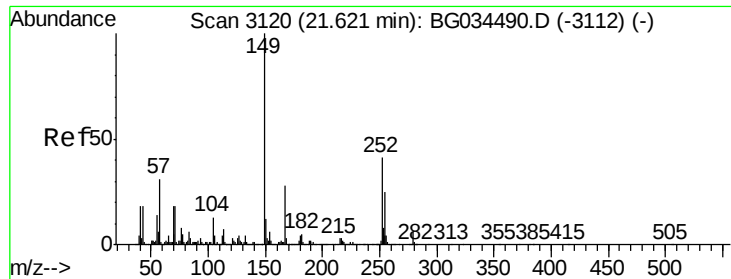
Tot Ion:252 Resp: 426685
 Ion Ratio Lower Upper
 252 100
 254 65.2 50.8 76.2
 126 6.0 7.4 11.2#



#82
 Chrysene
 Concen: 43.110 ng
 RT: 21.77 min Scan# 3146
 Delta R.T. -0.01 min
 Lab File: BG034782.D
 Acq: 29 May 2018 18:18

Tgt Ion:228 Resp: 1679900
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.9 37.3
 229 21.3 15.0 22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.908 ng

RT: 21.61 min Scan# 3118

Delta R.T. -0.01 min

Lab File: BG034782.D

Acq: 29 May 2018 18:18

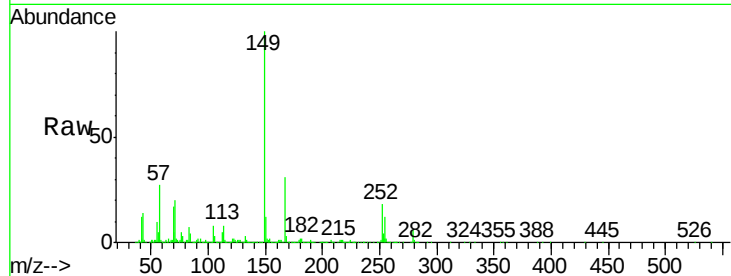
Tot Ion:149 Resp: 855345

Ion Ratio Lower Upper

149 100

167 30.9 24.3 36.5

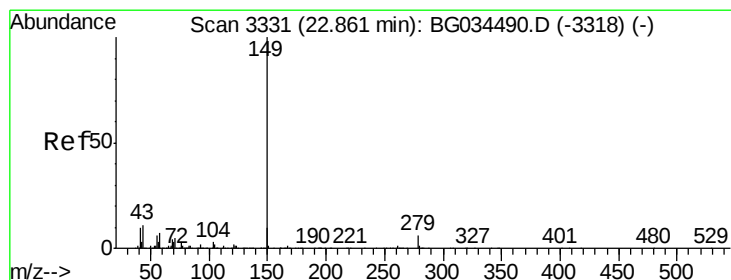
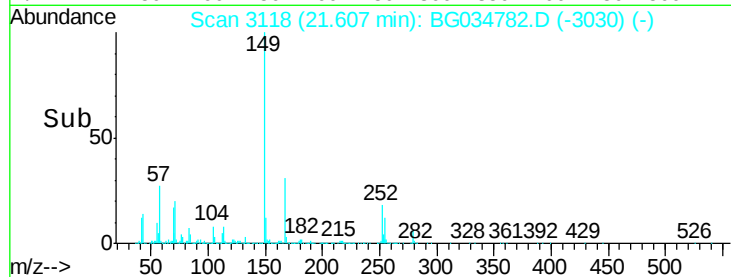
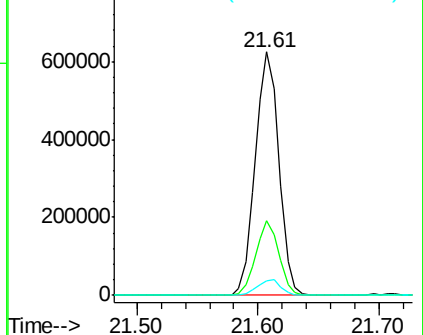
279 6.2 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 41.147 ng

RT: 22.84 min Scan# 3327

Delta R.T. -0.02 min

Lab File: BG034782.D

Acq: 29 May 2018 18:18

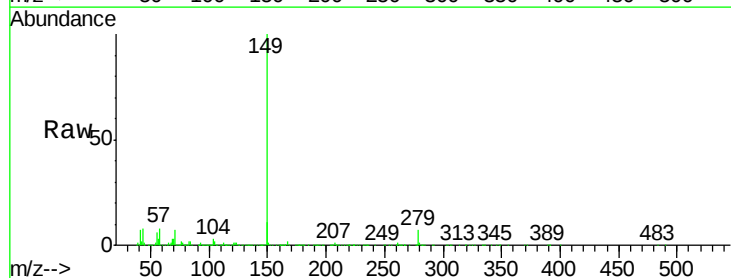
Tgt Ion:149 Resp: 1476209

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

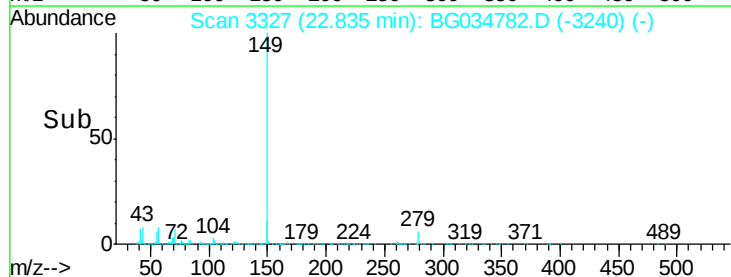
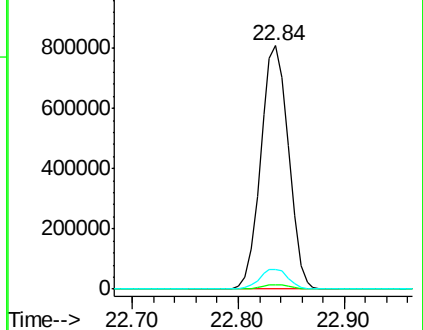
43 8.4 8.9 13.3#

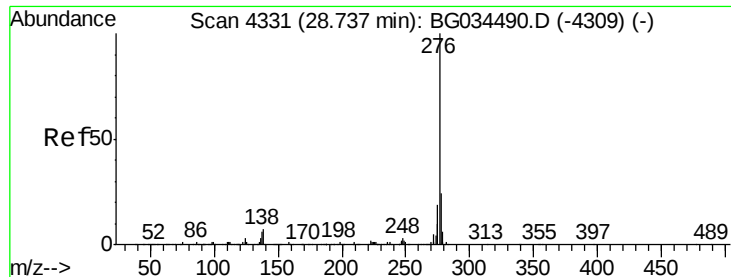


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

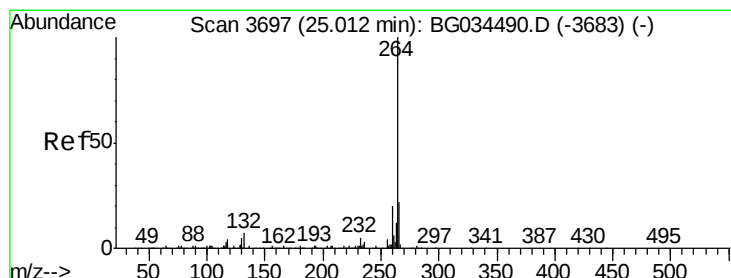
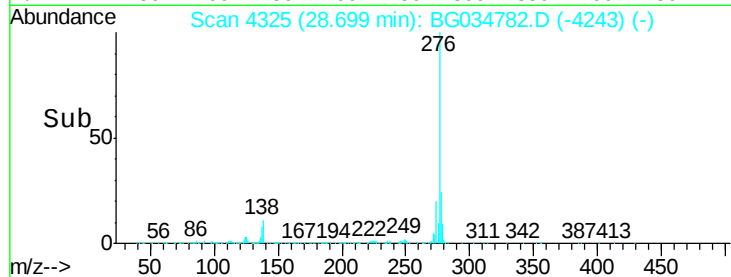
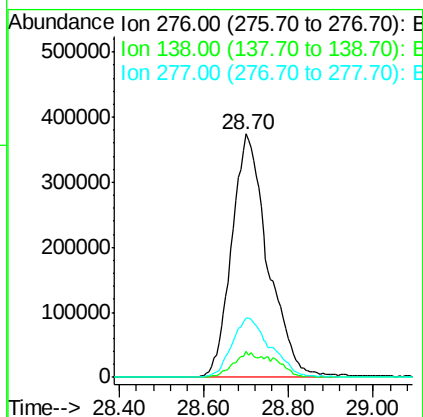
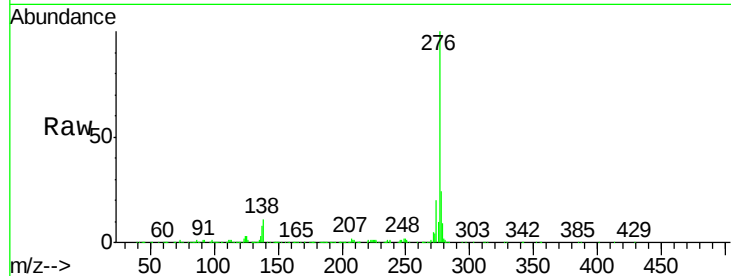
Ion 43.00 (42.70 to 43.70): BG





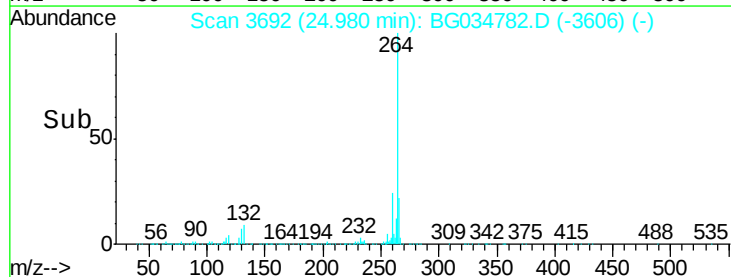
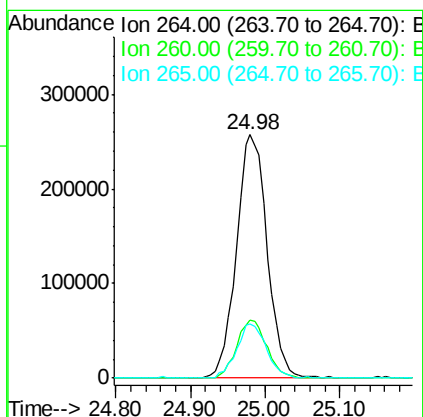
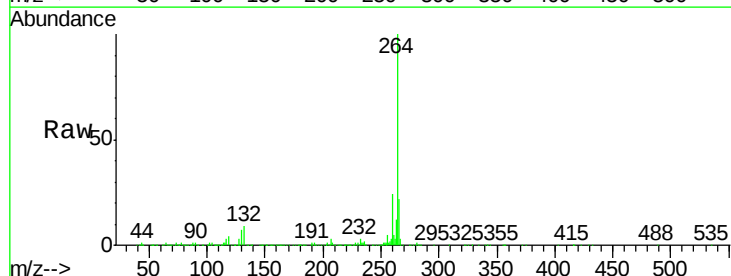
#85
Indeno(1,2,3-cd)pyrene
Concen: 44.387 ng
RT: 28.70 min Scan# 4325
Delta R.T. -0.05 min
Lab File: BG034782.D
Acq: 29 May 2018 18:18

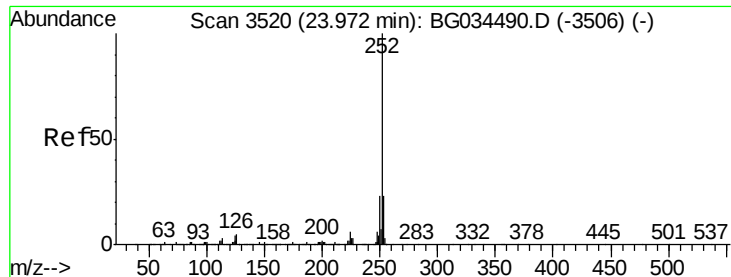
Tot Ion:276 Resp: 2213113
Ion Ratio Lower Upper
276 100
138 6.1 16.0 24.0#
277 26.1 20.0 30.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.98 min Scan# 3692
Delta R.T. -0.02 min
Lab File: BG034782.D
Acq: 29 May 2018 18:18

Tgt Ion:264 Resp: 731158
Ion Ratio Lower Upper
264 100
260 23.6 17.4 26.0
265 22.3 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 40.316 ng

RT: 23.95 min Scan# 3516

Delta R.T. -0.02 min

Lab File: BG034782.D

Acq: 29 May 2018 18:18

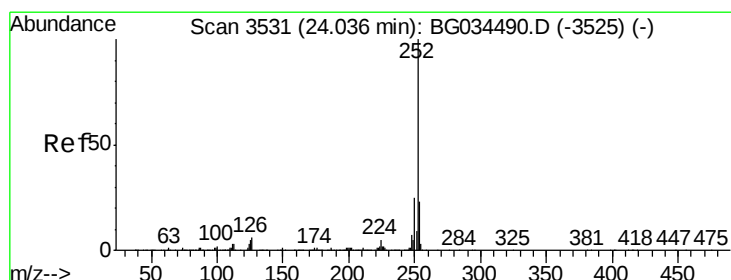
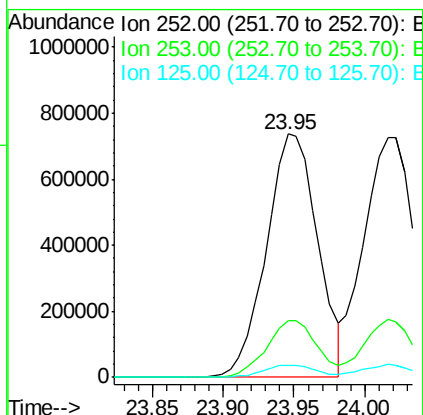
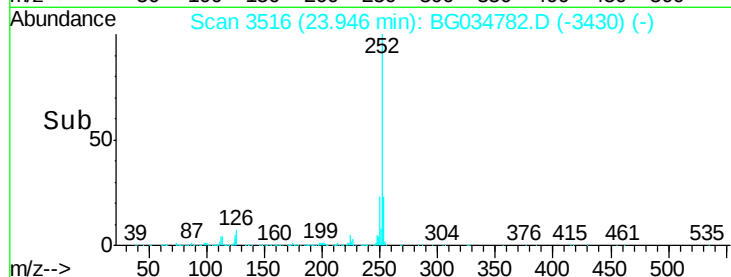
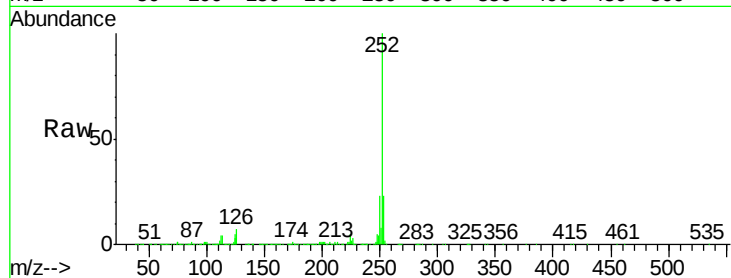
Tot Ion:252 Resp: 1865282

Ion Ratio Lower Upper

252 100

253 23.3 18.2 27.4

125 4.8 7.2 10.8#



#88

Benzo(k)fluoranthene

Concen: 41.323 ng

RT: 24.02 min Scan# 3528

Delta R.T. -0.02 min

Lab File: BG034782.D

Acq: 29 May 2018 18:18

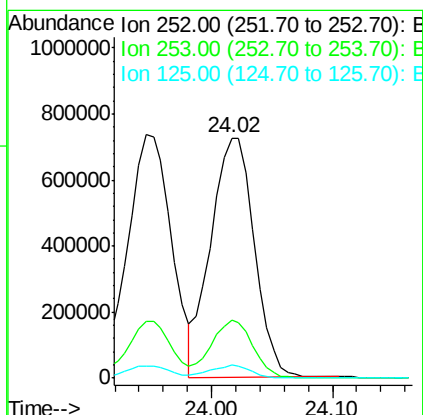
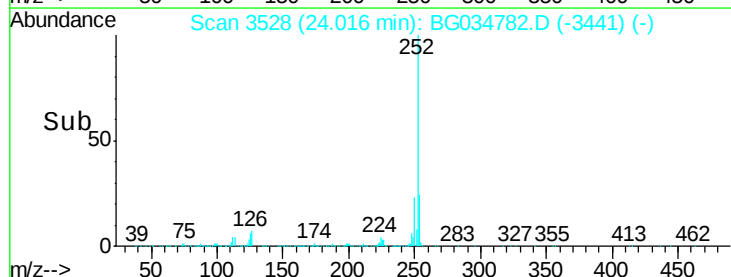
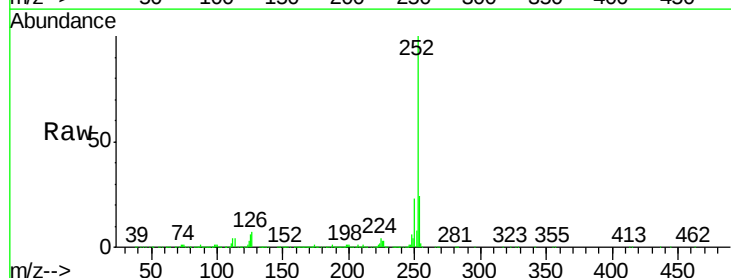
Tgt Ion:252 Resp: 1816136

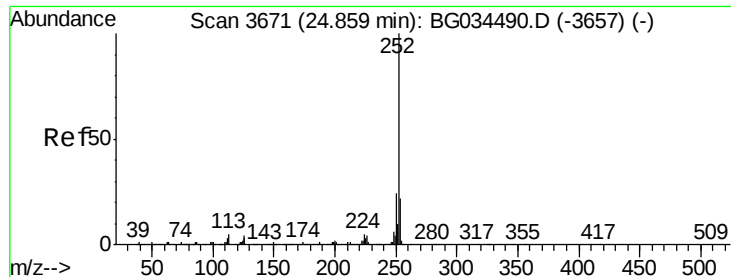
Ion Ratio Lower Upper

252 100

253 24.3 17.4 26.2

125 5.7 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 41.160 ng

RT: 24.83 min Scan# 3666

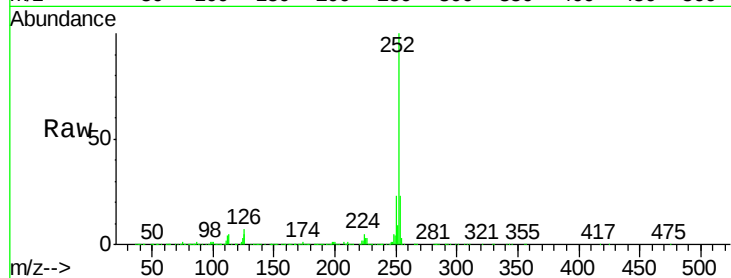
Delta R.T. -0.03 min

Lab File: BG034782.D

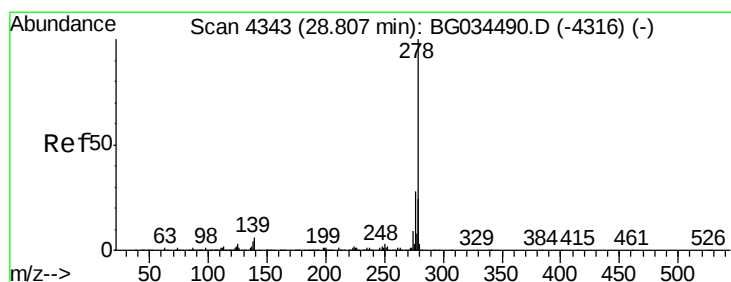
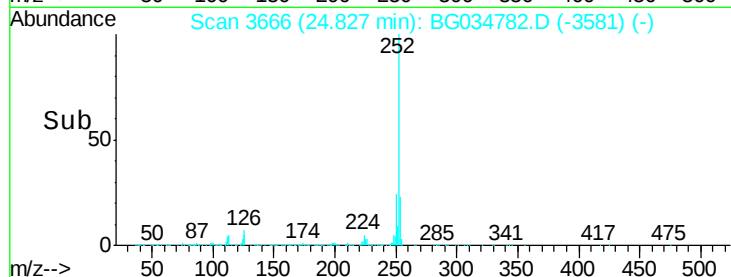
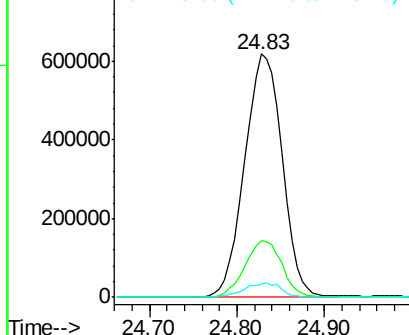
Acq: 29 May 2018 18:18

Tot Ion:252 Resp: 1807471

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.3	27.5
125	5.2	7.3	10.9#



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



#90

Dibenzo(a,h)anthracene

Concen: 42.390 ng

RT: 28.77 min Scan# 4337

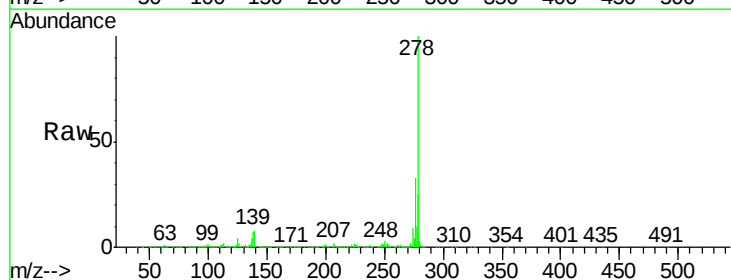
Delta R.T. -0.04 min

Lab File: BG034782.D

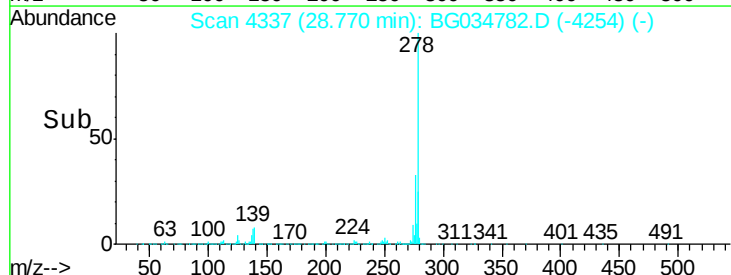
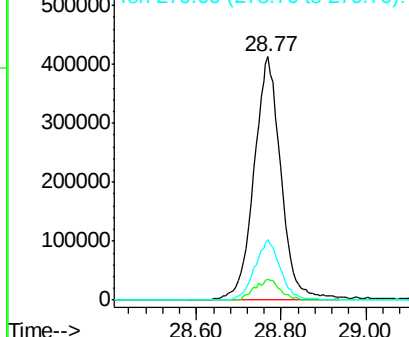
Acq: 29 May 2018 18:18

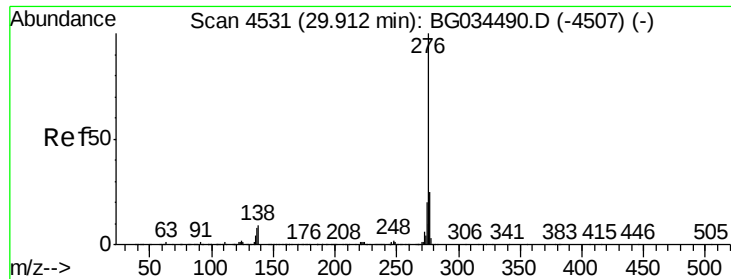
Tgt Ion:278 Resp: 1845961

Ion	Ratio	Lower	Upper
278	100		
139	8.4	9.8	14.6#
279	24.8	18.4	27.6



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 41.835 ng
 RT: 29.87 min Scan# 4524
 Delta R.T. -0.05 min
 Lab File: BG034782.D
 Acq: 29 May 2018 18:18

Tot Ion:276 Resp: 1831370
 Ion Ratio Lower Upper
 276 100
 277 24.0 18.3 27.5
 138 10.0 13.9 20.9#

