

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110818\
 Data File : BG037887.D
 Acq On : 8 Nov 2018 16:01
 Operator : JU/SJ
 Sample : J5858-07MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 09 14:45:32 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	54576	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	247777	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	163630	20.00	ng	-0.01
64) Phenanthrene-d10	17.48	188	363730	20.00	ng	0.00
76) Chrysene-d12	21.76	240	322308	20.00	ng	-0.01
87) Perylene-d12	25.09	264	337653	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	452591	138.64	ng	0.00
7) Phenol-d6	7.24	99	665537	134.83	ng	0.00
23) Nitrobenzene-d5	9.27	82	388324	87.79	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	238044	133.38	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	857330	79.01	ng	-0.02
79) Terphenyl-d14	20.07	244	1140401	75.60	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	48379	29.224	ng	99
3) Pyridine	3.92	79	141709	33.963	ng	93
4) n-Nitrosodimethylamine	3.85	42	66004	44.412	ng	# 92
6) Aniline	7.42	93	199193	33.079	ng	97
8) 2-Chlorophenol	7.65	128	172029	45.047	ng	99
9) Benzaldehyde	7.23	77	102197	33.097	ng	99
10) Phenol	7.27	94	266315	51.134	ng	98
11) bis(2-Chloroethyl)ether	7.51	93	162665	41.122	ng	98
12) 1,3-Dichlorobenzene	7.98	146	174664	41.083	ng	98
13) 1,4-Dichlorobenzene	8.13	146	177702	40.862	ng	98
14) 1,2-Dichlorobenzene	8.45	146	169596	40.541	ng	96
15) Benzyl Alcohol	8.33	79	154705	42.416	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.61	45	302292	42.710	ng	97
17) 2-Methylphenol	8.53	107	158658	46.078	ng	97
18) Hexachloroethane	9.18	117	63965	43.144	ng	90
19) n-Nitroso-di-n-propylamine	8.90	70	134849	39.672	ng	95
20) 3+4-Methylphenols	8.85	107	223502	45.400	ng	98
22) Acetophenone	8.92	105	257765	41.480	ng	# 98
24) Nitrobenzene	9.32	77	198397	43.177	ng	95
25) Isophorone	9.83	82	391834	48.484	ng	96
26) 2-Nitrophenol	10.02	139	102326	49.433	ng	97
27) 2,4-Dimethylphenol	10.06	122	187405	50.706	ng	97
28) bis(2-Chloroethoxy)methane	10.31	93	238129	44.973	ng	96
29) 2,4-Dichlorophenol	10.56	162	190255	46.234	ng	99
30) 1,2,4-Trichlorobenzene	10.77	180	190400	42.548	ng	99
31) Naphthalene	10.96	128	562906	46.253	ng	99
32) Benzoic acid	10.19	122	79559	33.142	ng	97
33) 4-Chloroaniline	11.08	127	129655	22.674	ng	96
34) Hexachlorobutadiene	11.23	225	112669	42.481	ng	97
35) Caprolactam	11.86	113	67170m	40.699	ng	
36) 4-Chloro-3-methylphenol	12.18	107	209534	45.150	ng	98
37) 2-Methylnaphthalene	12.56	142	431831	48.676	ng	99
38) 1-Methylnaphthalene	12.78	142	409544	47.535	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	225006	42.631	ng	98

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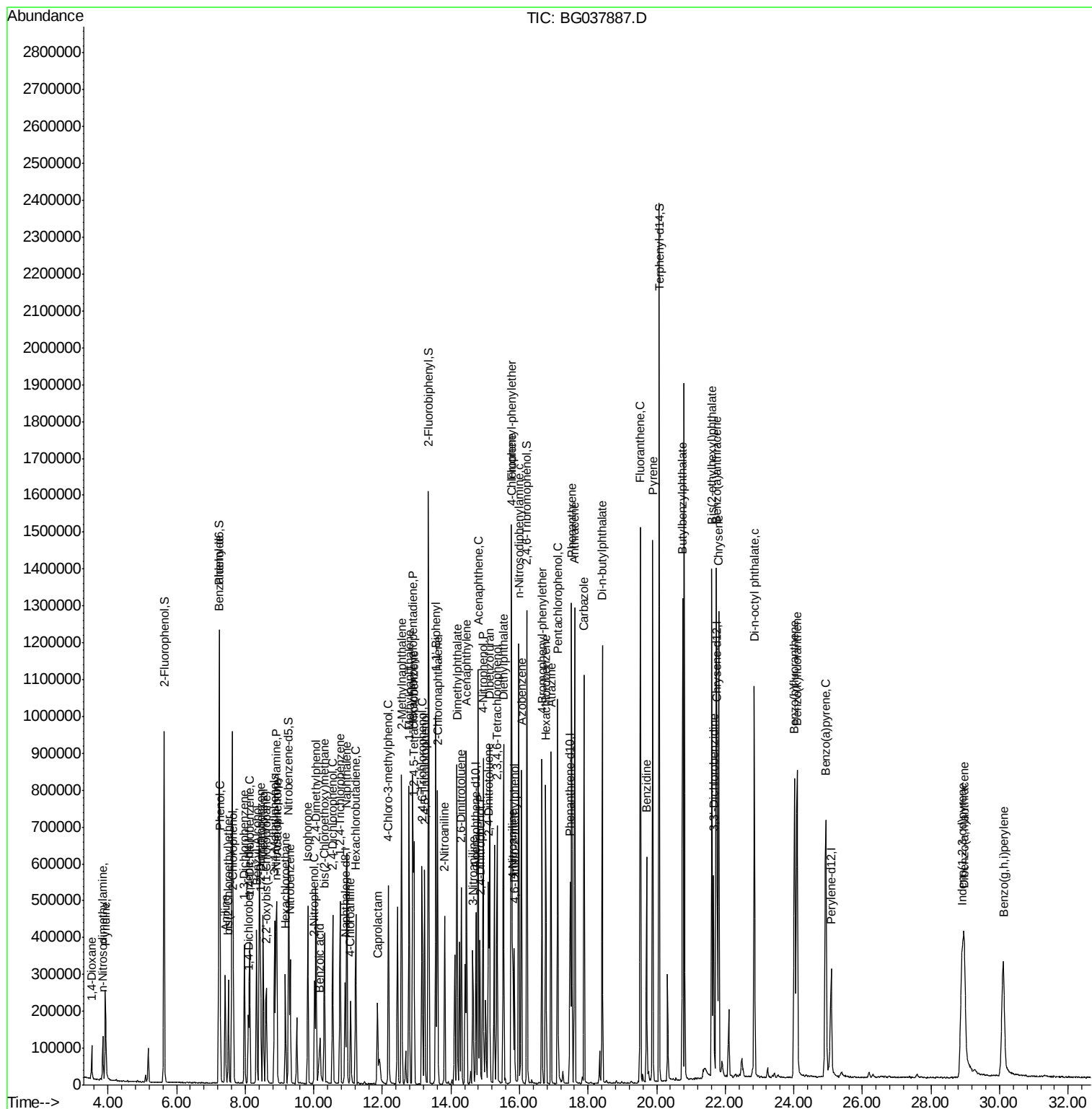
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

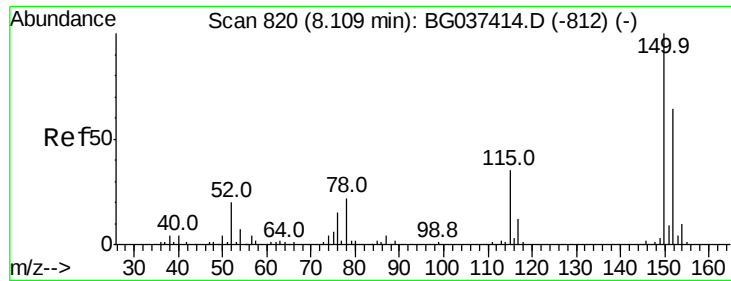
41) Hexachlorocyclopentadiene	12.89	237	256618	101.786	nq	100
43) 2,4,6-Trichlorophenol	13.16	196	162870	46.190	nq	99
44) 2,4,5-Trichlorophenol	13.24	196	176165	45.887	nq	98
46) 1,1'-Biphenyl	13.56	154	555913	41.023	nq	99
47) 2-Chloronaphthalene	13.61	162	438350	42.757	nq	99
48) 2-Nitroaniline	13.82	65	140955	45.338	nq	96
49) Acenaphthylene	14.45	152	715056	46.366	nq	98
50) Dimethylphthalate	14.18	163	627677	49.585	nq	99
51) 2,6-Dinitrotoluene	14.31	165	126329	45.112	nq	93
52) Acenaphthene	14.79	154	419801	44.199	nq	99
53) 3-Nitroaniline	14.64	138	105684	33.995	nq	# 94
54) 2,4-Dinitrophenol	14.85	184	102624	81.533	nq	99
55) Dibenzofuran	15.13	168	671138	42.648	nq	99
56) 4-Nitrophenol	14.94	139	262583	114.111	nq	100
57) 2,4-Dinitrotoluene	15.09	165	177769	48.360	nq	93
58) Fluorene	15.77	166	538495	45.696	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.34	232	150152	45.680	nq	99
60) Diethylphthalate	15.53	149	566371	43.580	nq	98
61) 4-Chlorophenyl-phenylether	15.76	204	288411	41.989	nq	99
62) 4-Nitroaniline	15.81	138	133690	43.278	nq	91
63) Azobenzene	16.06	77	528018	42.583	nq	98
65) 4,6-Dinitro-2-methylphenol	15.85	198	93867	48.970	nq	99
66) n-Nitrosodiphenylamine	15.98	169	488533	44.651	nq	99
67) 4-Bromophenyl-phenylether	16.65	248	176789	44.260	nq	99
68) Hexachlorobenzene	16.77	284	176958	42.746	nq	99
69) Atrazine	16.92	200	178472	45.117	nq	99
70) Pentachlorophenol	17.11	266	211758	76.365	nq	95
71) Phenanthrene	17.52	178	848889	45.921	nq	99
72) Anthracene	17.61	178	859387	47.372	nq	98
73) Carbazole	17.88	167	781799	43.082	nq	99
74) Di-n-butylphthalate	18.41	149	925209	45.833	nq	100
75) Fluoranthene	19.52	202	969102	46.221	nq	99
77) Benzidine	19.70	184	410900	37.493	nq	99
78) Pyrene	19.89	202	962688	45.691	nq	99
80) Butylbenzylphthalate	20.76	149	418269	48.506	nq	97
81) Benzo(a)anthracene	21.74	228	900192	47.219	nq	99
82) 3,3'-Dichlorobenzidine	21.65	252	230981	31.258	nq	99
83) Chrysene	21.81	228	846406	46.172	nq	99
84) Bis(2-ethylhexyl)phthalate	21.61	149	596987	49.391	nq	99
85) Di-n-octyl phthalate	22.85	149	1012583	51.374	nq	98
86) Indeno(1,2,3-cd)pyrene	28.91	276	890978	45.315	nq	# 76
88) Benzo(b)fluoranthene	24.02	252	893750	48.281	nq	99
89) Benzo(k)fluoranthene	24.09	252	855851	47.190	nq	97
90) Benzo(a)pyrene	24.93	252	858940	48.831	nq	98
91) Dibenzo(a,h)anthracene	28.97	278	707873	43.627	nq	99
92) Benzo(g,h,i)perylene	30.10	276	715414	43.582	nq	97

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

```
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.09 min Scan# 818

Delta R.T. -0.01 min

Lab File: BG037887.D

Acq: 8 Nov 2018 16:01

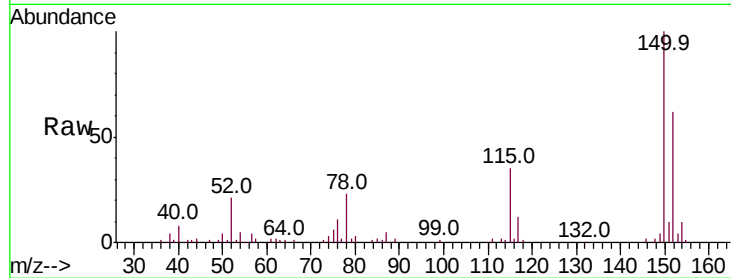
Tot Ion:152 Resp: 54576

Ion Ratio Lower Upper

152 100

150 160.7 126.0 189.0

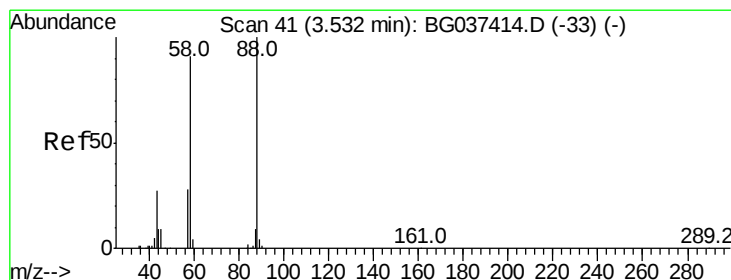
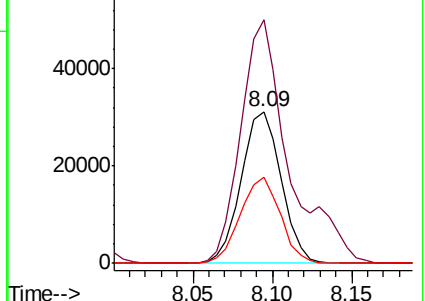
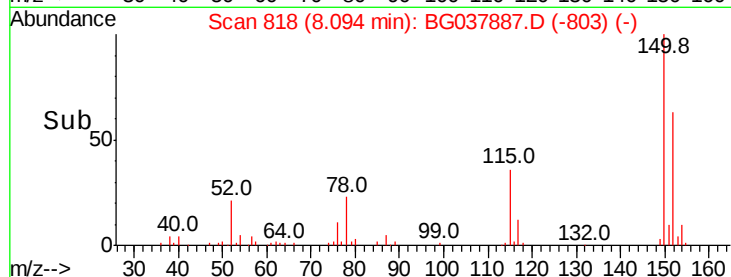
115 56.7 45.5 68.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 29.224 ng

RT: 3.52 min Scan# 40

Delta R.T. -0.01 min

Lab File: BG037887.D

Acq: 8 Nov 2018 16:01

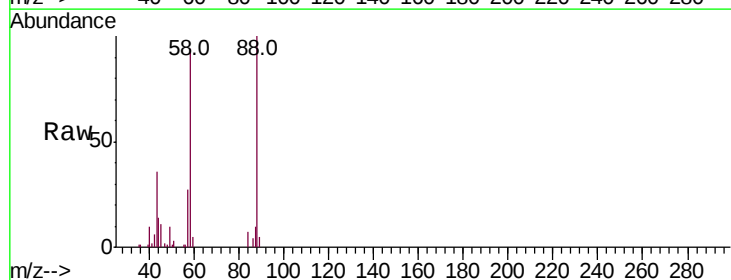
Tgt Ion: 88 Resp: 48379

Ion Ratio Lower Upper

88 100

58 93.0 74.4 111.6

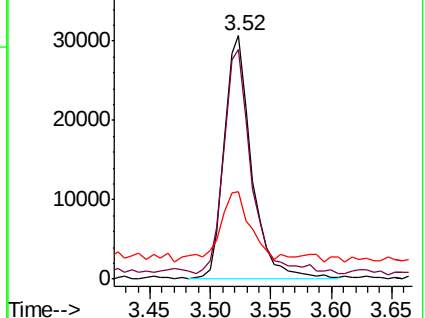
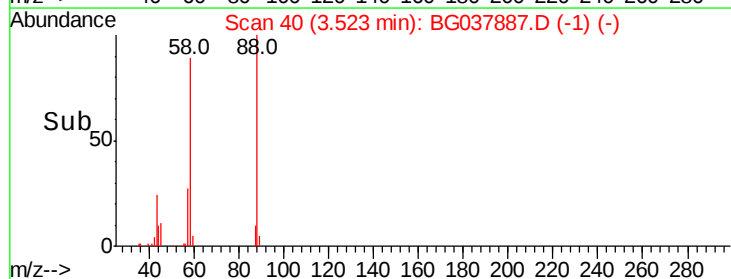
43 33.6 25.8 38.8

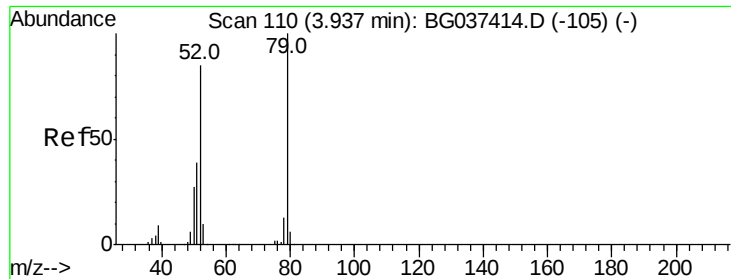


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 33.963 ng

RT: 3.92 min Scan# 108

Delta R.T. -0.01 min

Lab File: BG037887.D

Acq: 8 Nov 2018 16:01

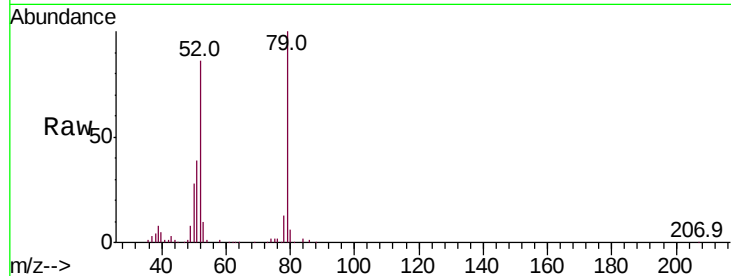
Tot Ion: 79 Resp: 141709

Ion Ratio Lower Upper

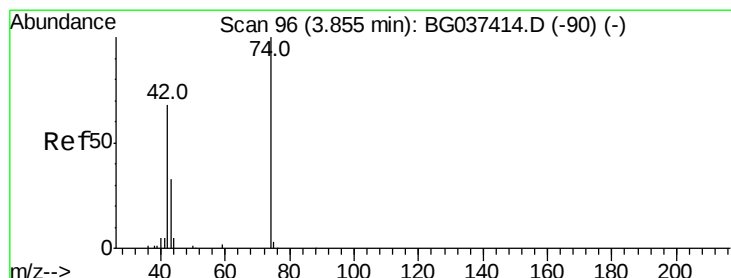
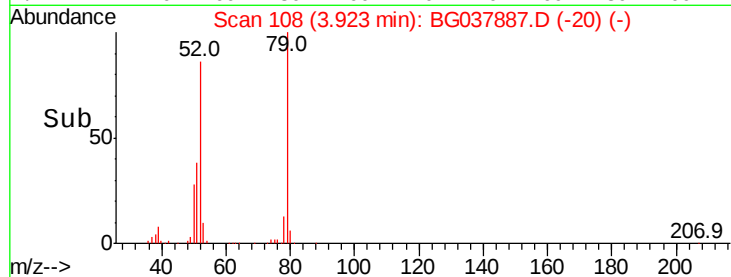
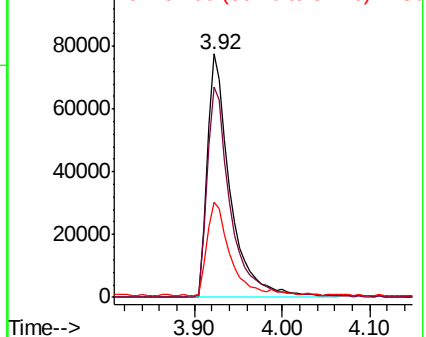
79 100

52 86.3 74.2 111.2

51 39.2 34.6 51.8



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 44.412 ng

RT: 3.85 min Scan# 95

Delta R.T. -0.01 min

Lab File: BG037887.D

Acq: 8 Nov 2018 16:01

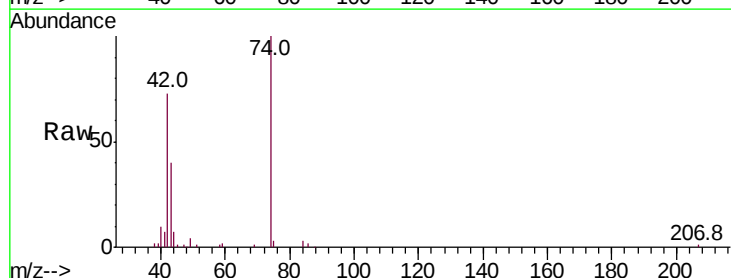
Tgt Ion: 42 Resp: 66004

Ion Ratio Lower Upper

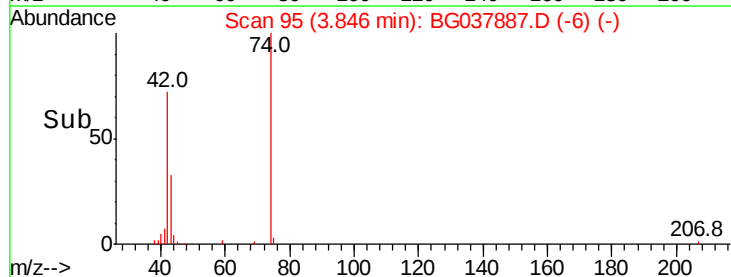
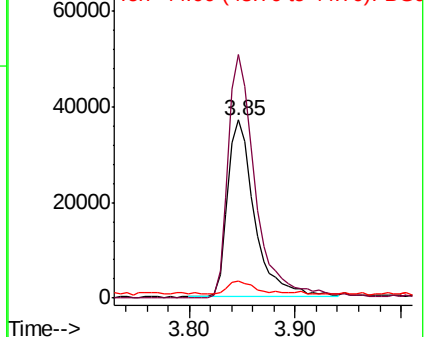
42 100

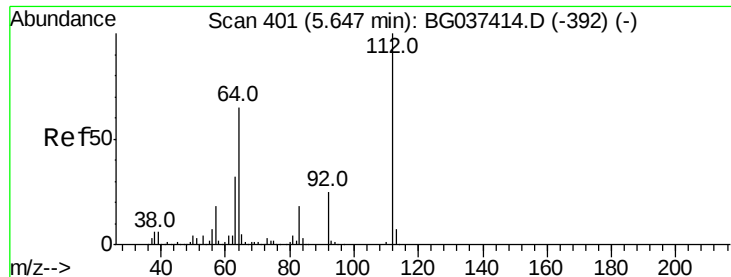
74 136.8 102.0 153.0

44 9.3 9.6 14.4#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 138.644 ng

RT: 5.64 min Scan# 400

Delta R.T. -0.01 min

Lab File: BG037887.D

Acq: 8 Nov 2018 16:01

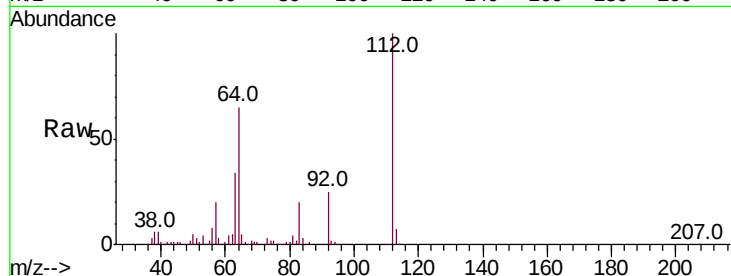
Tot Ion:112 Resp: 452591

Ion Ratio Lower Upper

112 100

64 64.7 53.1 79.7

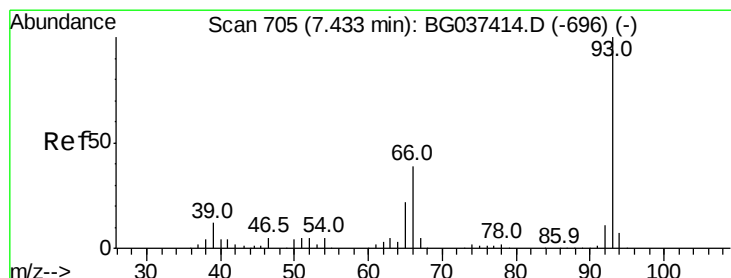
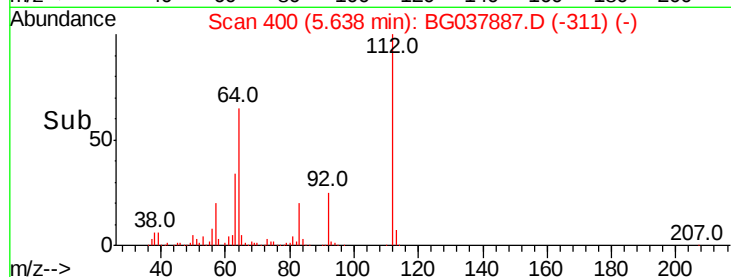
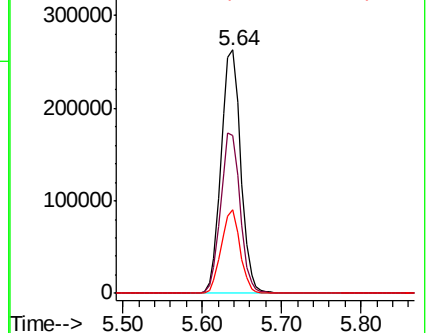
63 34.2 27.3 40.9



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: 33.079 ng

RT: 7.42 min Scan# 703

Delta R.T. -0.01 min

Lab File: BG037887.D

Acq: 8 Nov 2018 16:01

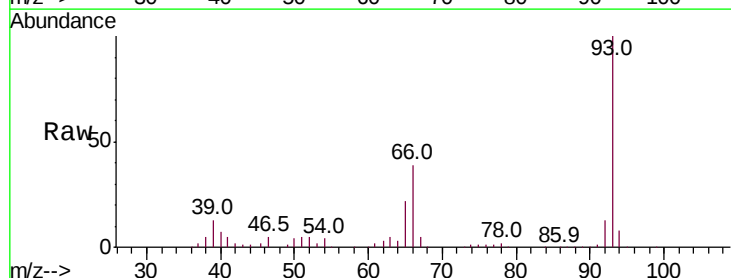
Tgt Ion: 93 Resp: 199193

Ion Ratio Lower Upper

93 100

66 39.4 32.8 49.2

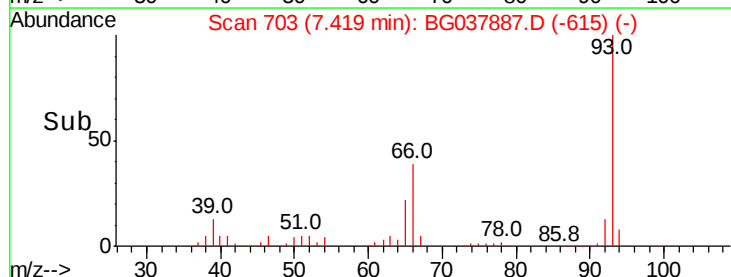
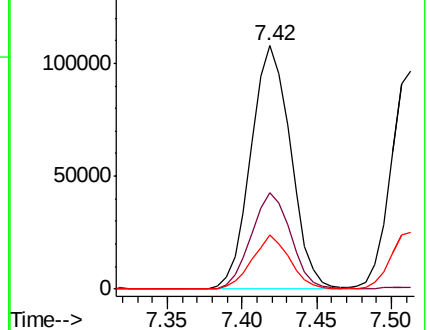
65 22.0 16.4 24.6



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 134.828 ng

RT: 7.24 min Scan# 673

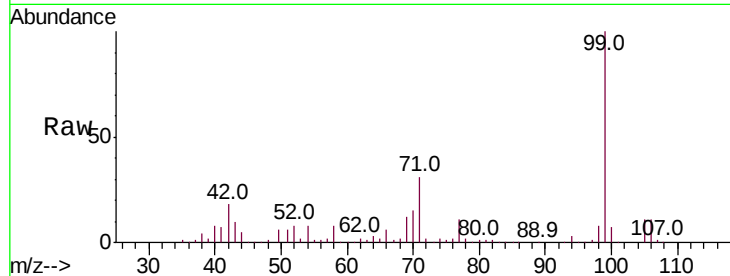
Delta R.T. -0.01 min

Lab File: BG037887.D

Acq: 8 Nov 2018 16:01

Tot Ion: 99 Resp: 665537

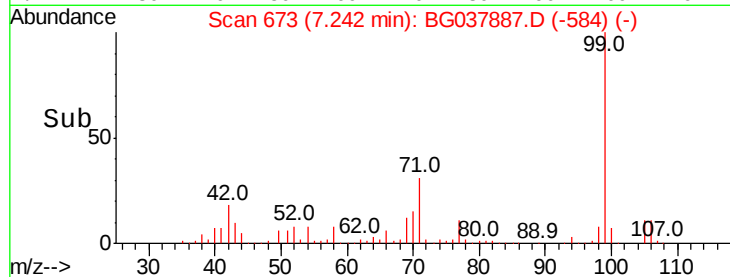
Ion	Ratio	Lower	Upper
99	100		
42	17.6	15.0	22.4
71	30.8	25.5	38.3



Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 45.047 ng

RT: 7.65 min Scan# 743

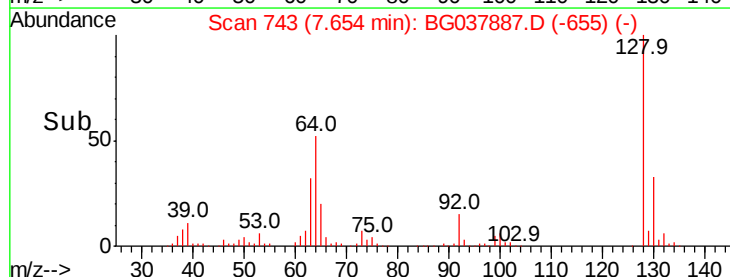
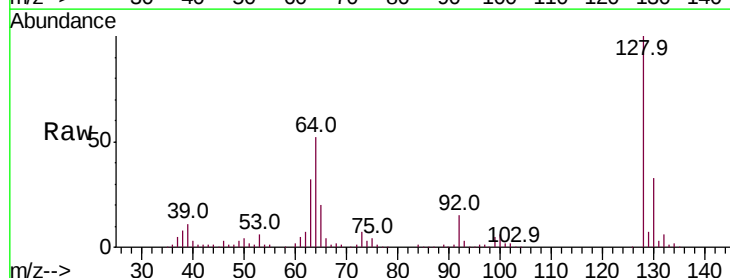
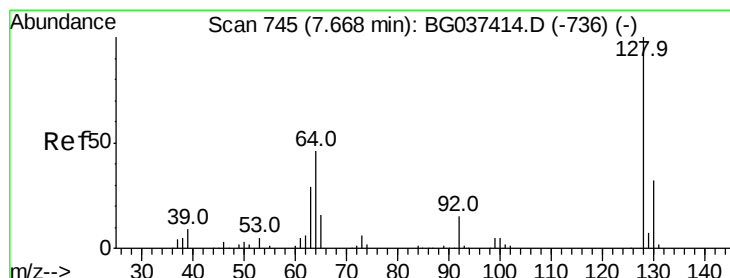
Delta R.T. -0.01 min

Lab File: BG037887.D

Acq: 8 Nov 2018 16:01

Tgt Ion:128 Resp: 172029

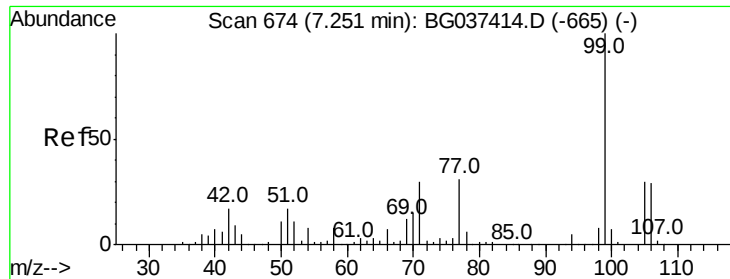
Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.0	52.0
64	52.4	32.9	72.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BGC



#9

Benzaldehyde

Concen: 33.097 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.02 min

Lab File: BG037887.D

Acq: 8 Nov 2018 16:01

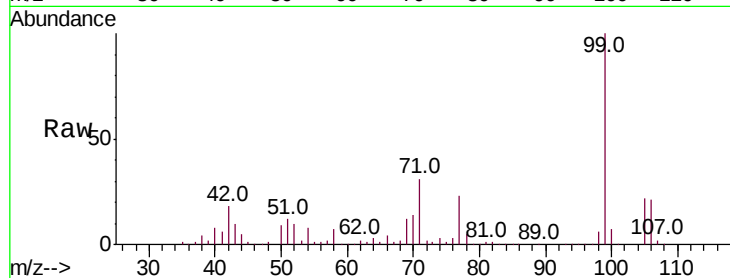
Tot Ion: 77 Resp: 102197

Ion	Ratio	Lower	Upper
77	100		
105	94.4	72.6	112.6
106	91.8	71.3	111.3

77 100

105 94.4 72.6 112.6

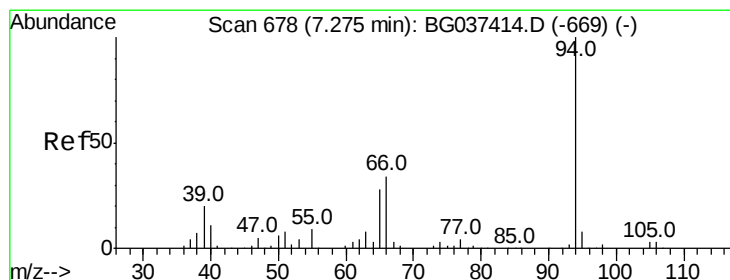
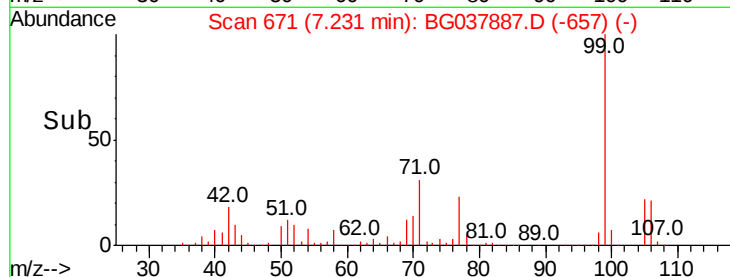
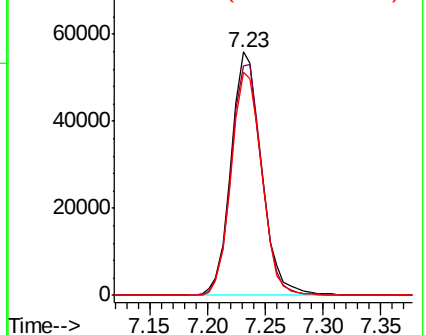
106 91.8 71.3 111.3



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 51.134 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037887.D

Acq: 8 Nov 2018 16:01

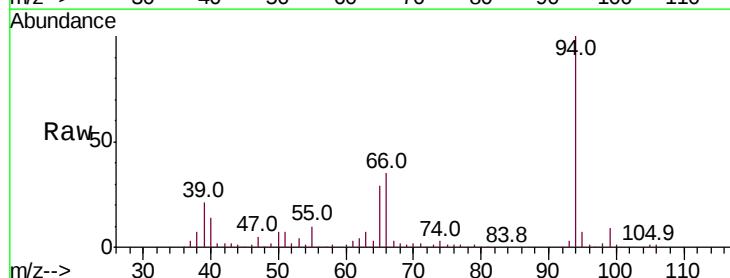
Tgt Ion: 94 Resp: 266315

Ion	Ratio	Lower	Upper
94	100		
65	28.6	9.7	49.7
66	35.1	15.9	55.9

94 100

65 28.6 9.7 49.7

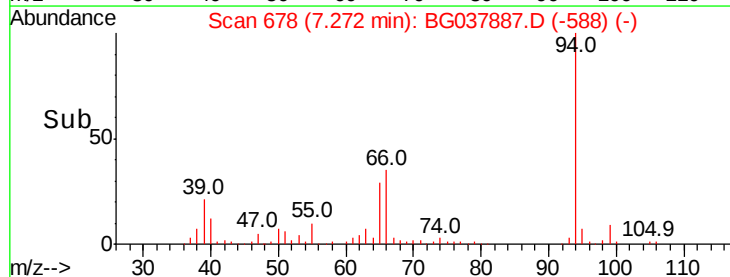
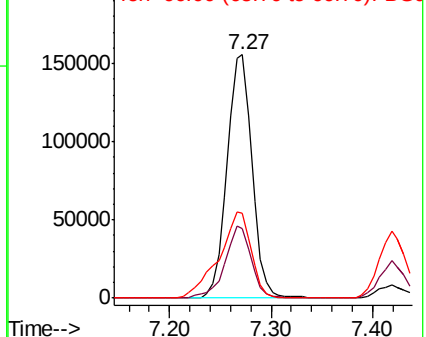
66 35.1 15.9 55.9

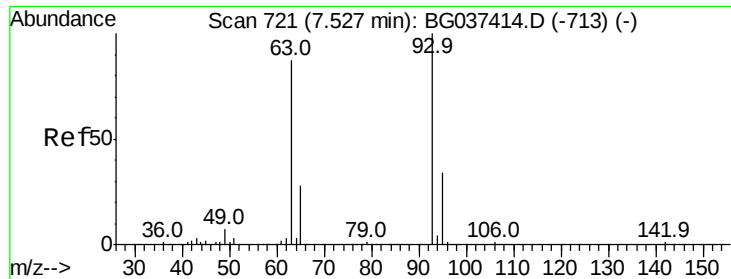


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

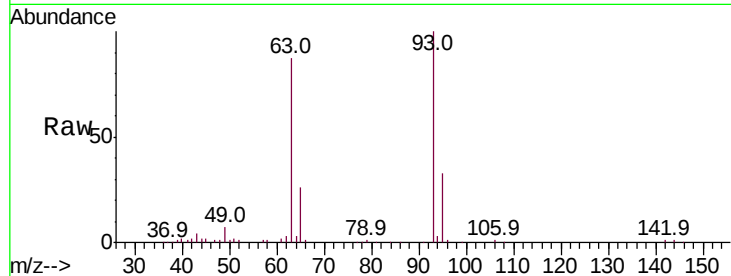
Ion 66.00 (65.70 to 66.70): BGC





#11
bis(2-Chloroethyl)ether
Concen: 41.122 ng
RT: 7.51 min Scan# 719
Delta R.T. -0.01 min
Lab File: BG037887.D
Acq: 8 Nov 2018 16:01

Tot Ion	Ratio	Lower	Upper
93	100		
63	87.1	69.5	109.5
95	33.5	12.6	52.6

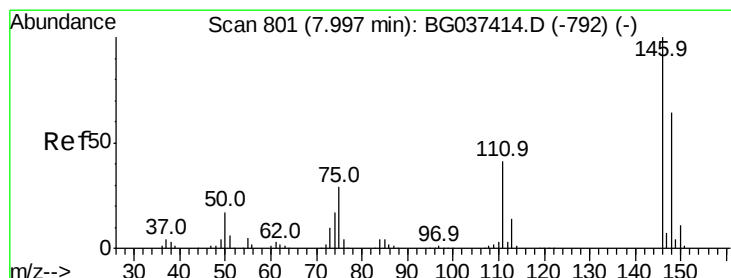
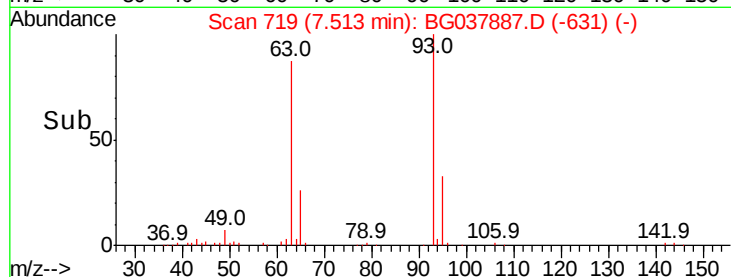
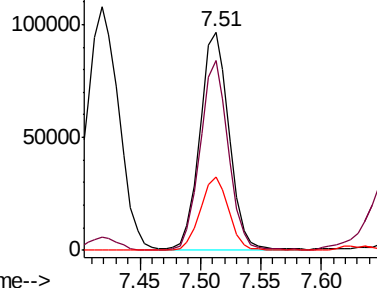


Abundance

Ion 93.00 (92.70 to 93.70): BGC

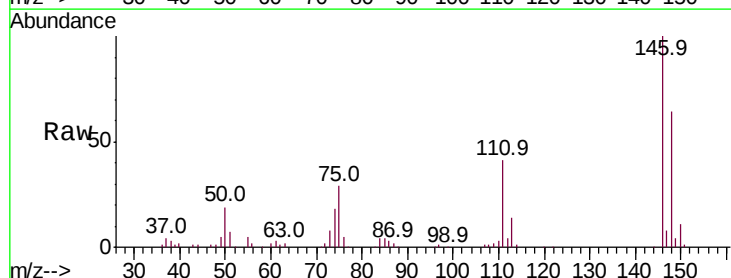
Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#12
1,3-Dichlorobenzene
Concen: 41.083 ng
RT: 7.98 min Scan# 798
Delta R.T. -0.02 min
Lab File: BG037887.D
Acq: 8 Nov 2018 16:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	49.8	74.8
75	28.9	23.2	34.8

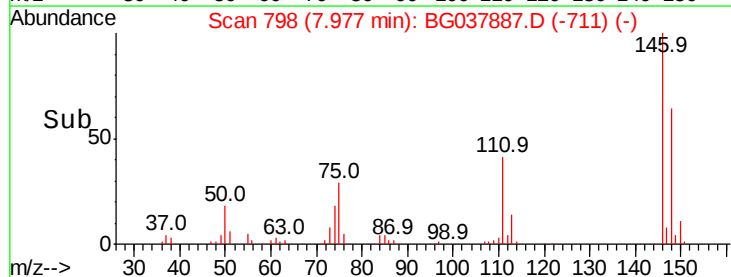
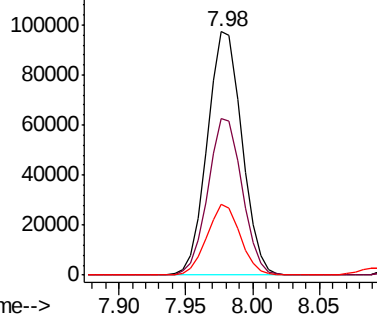


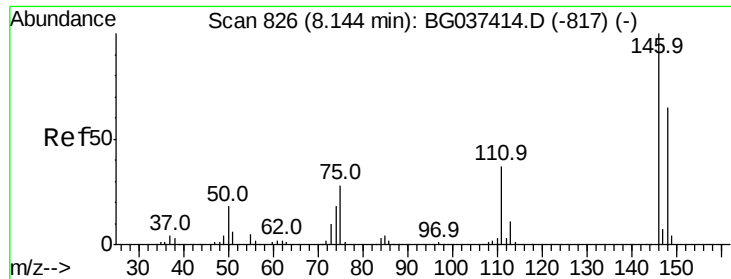
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

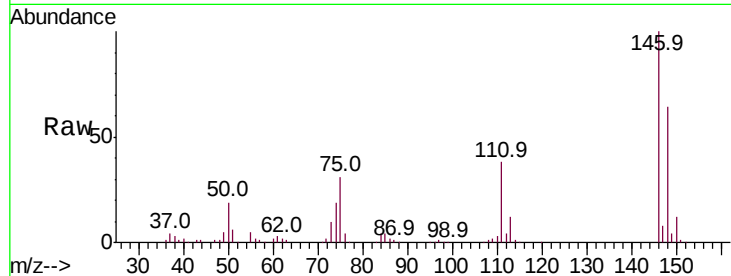
Ion 75.00 (74.70 to 75.70): BGC



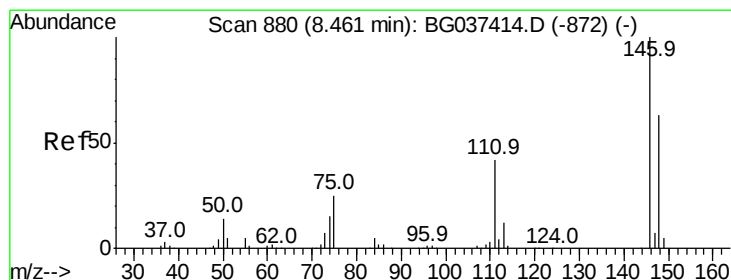
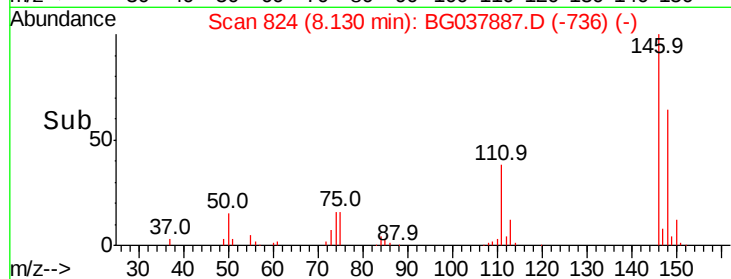
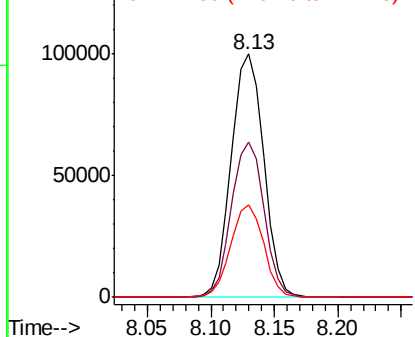


#13
 1,4-Dichlorobenzene
 Concen: 40.862 ng
 RT: 8.13 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BG037887.D
 Acq: 8 Nov 2018 16:01

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.0	76.6
111	38.0	32.4	48.6

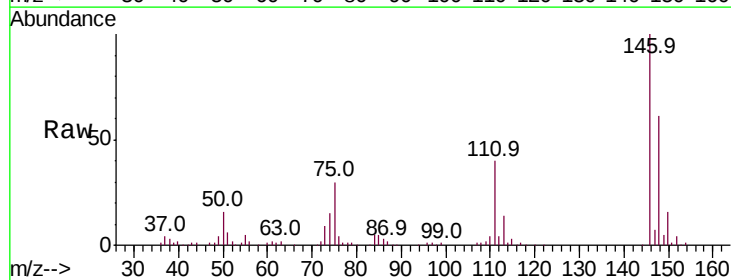


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

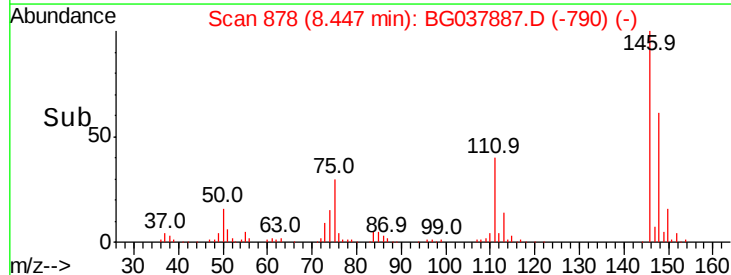
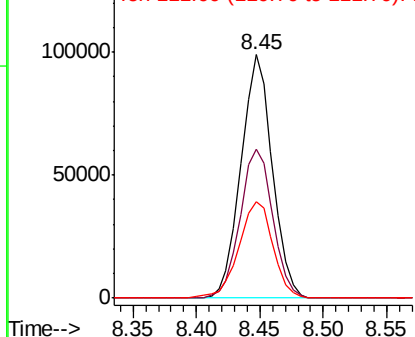


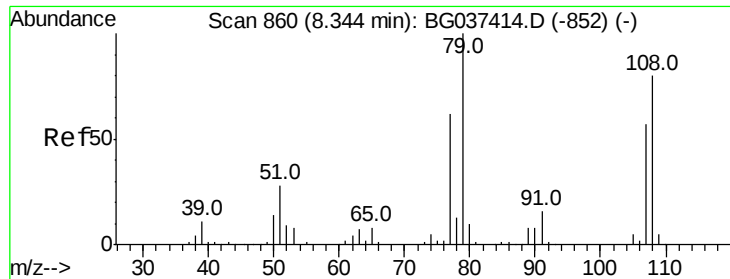
#14
 1,2-Dichlorobenzene
 Concen: 40.541 ng
 RT: 8.45 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BG037887.D
 Acq: 8 Nov 2018 16:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.3	50.4	75.6
111	39.5	34.6	51.8



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





#15

Benzyl Alcohol

Concen: 42.416 ng

RT: 8.33 min Scan# 858

Delta R.T. -0.01 min

Lab File: BG037887.D

Acq: 8 Nov 2018 16:01

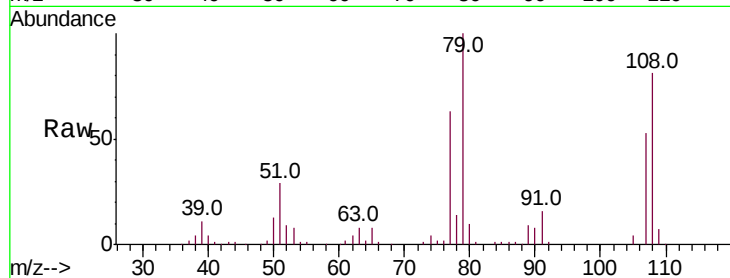
Tot Ion: 79 Resp: 154705

Ion Ratio Lower Upper

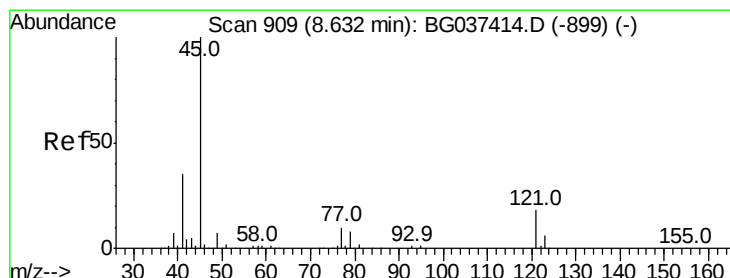
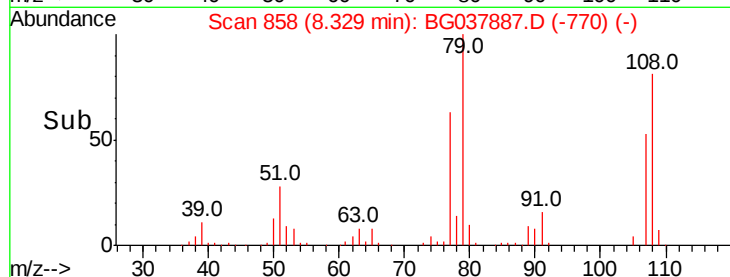
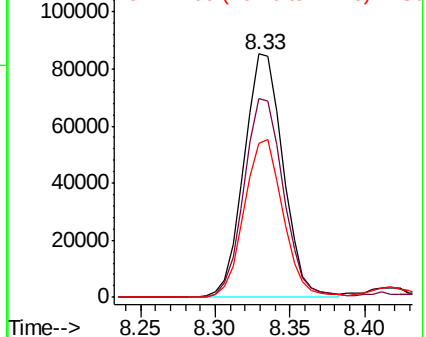
79 100

108 81.5 65.8 98.8

77 63.1 52.9 79.3



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.710 ng

RT: 8.61 min Scan# 906

Delta R.T. -0.02 min

Lab File: BG037887.D

Acq: 8 Nov 2018 16:01

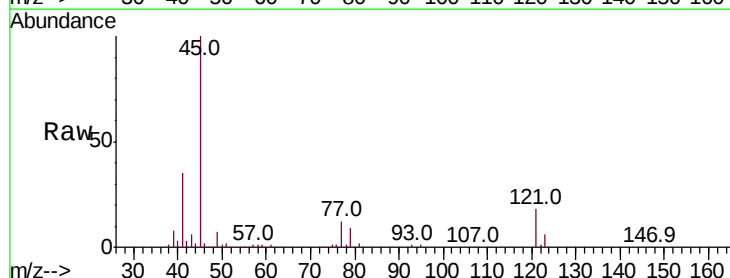
Tgt Ion: 45 Resp: 302292

Ion Ratio Lower Upper

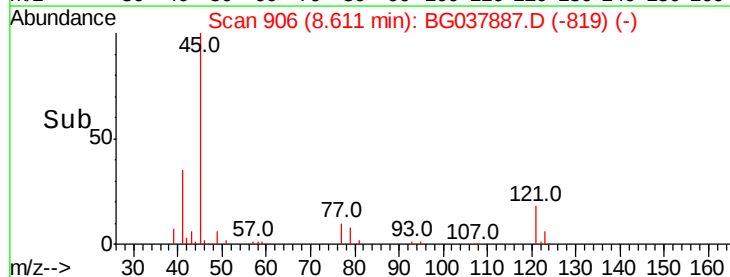
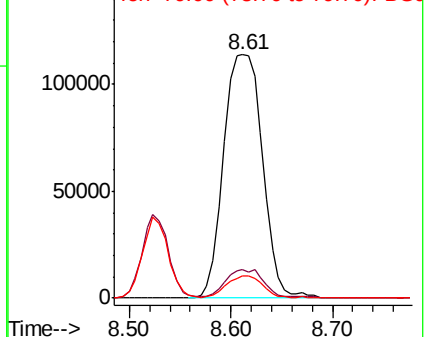
45 100

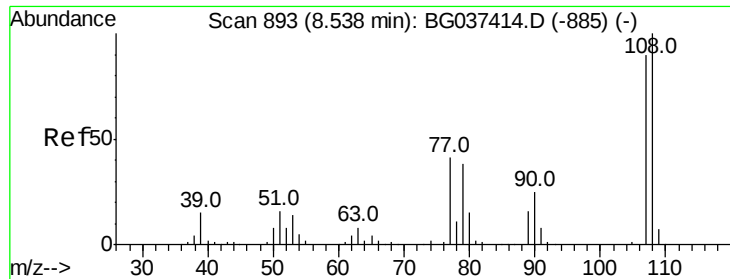
77 11.8 0.0 30.0

79 9.1 0.0 29.0



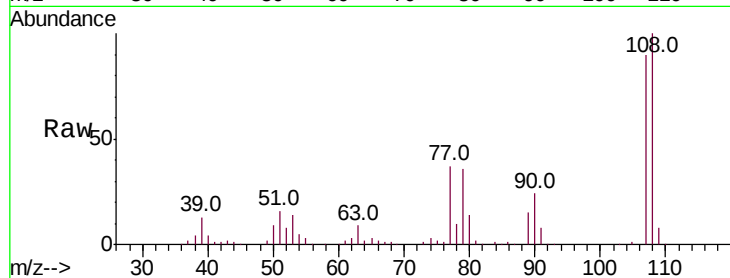
Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC



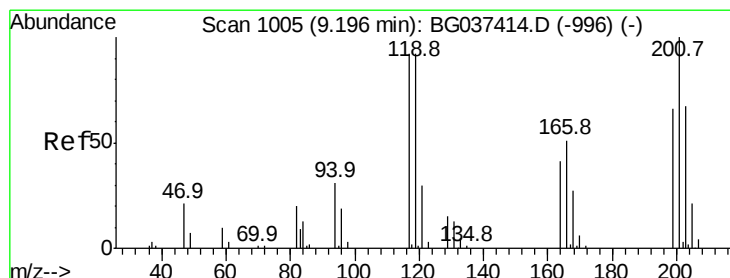
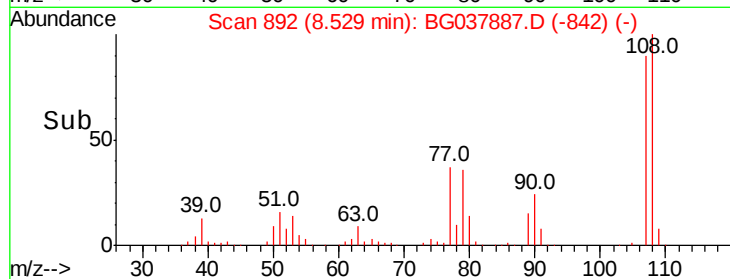
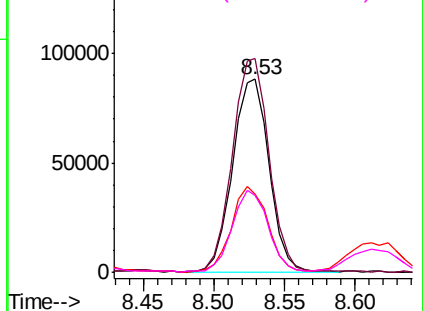


#17
2-Methylphenol
Concen: 46.078 ng
RT: 8.53 min Scan# 892
Delta R.T. -0.01 min
Lab File: BG037887.D
Acq: 8 Nov 2018 16:01

Tot Ion:	107	Resp:	158658
Ion	Ratio	Lower	Upper
107	100		
108	110.6	87.9	131.9
77	40.8	35.1	52.7
79	39.9	34.5	51.7

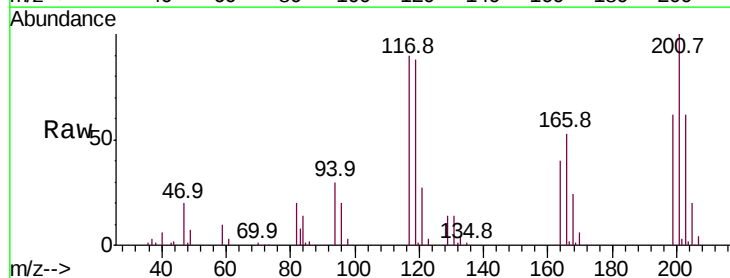


Abundance Ion 107.00 (106.70 to 107.70): E
150000 Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

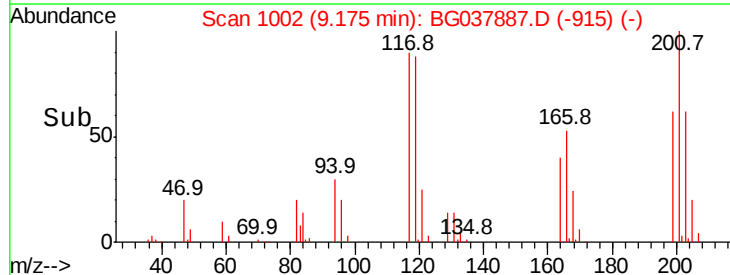
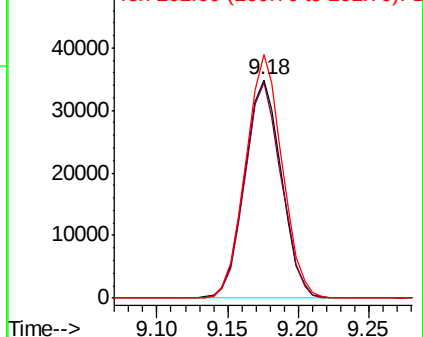


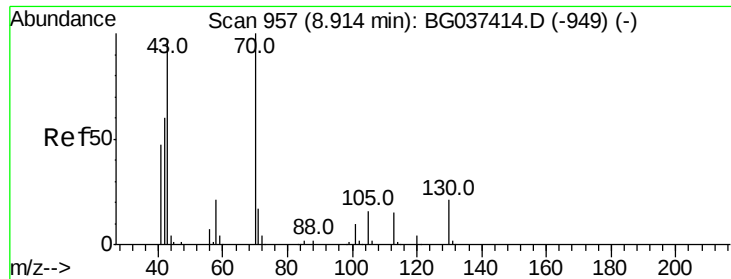
#18
Hexachloroethane
Concen: 43.144 ng
RT: 9.18 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG037887.D
Acq: 8 Nov 2018 16:01

Tgt Ion:	117	Resp:	63965
Ion	Ratio	Lower	Upper
117	100		
119	98.7	74.6	111.8
201	115.5	80.8	121.2



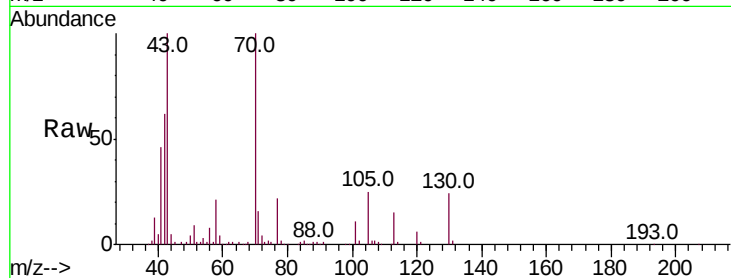
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E



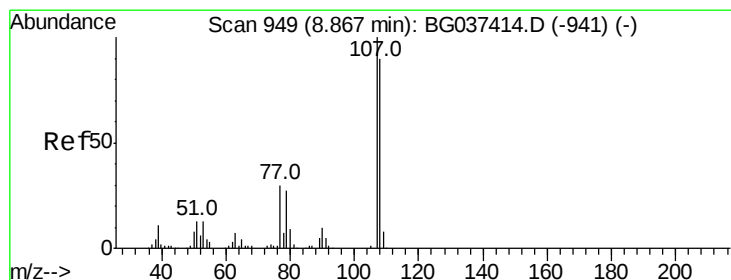
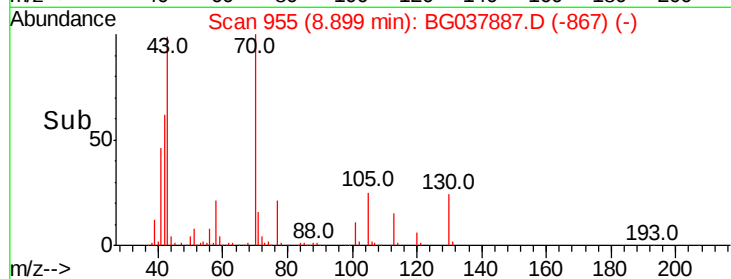
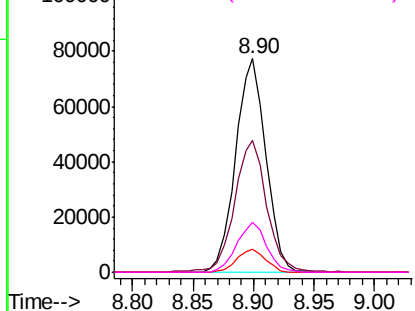


#19
n-Nitroso-di-n-propylamine
Concen: 39.672 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.01 min
Lab File: BG037887.D
Acq: 8 Nov 2018 16:01

Tot Ion:	70	Resp:	134849
Ion	Ratio	Lower	Upper
70	100		
42	61.5	53.9	80.9
101	10.6	8.2	12.2
130	23.6	18.2	27.4

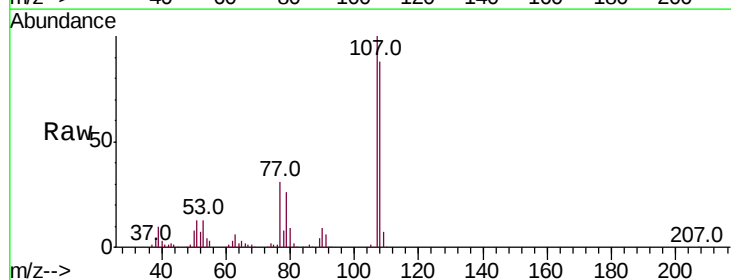


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

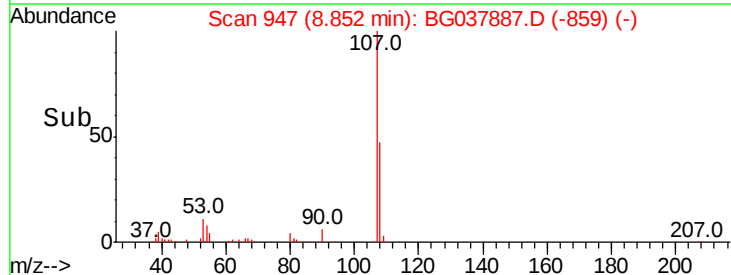
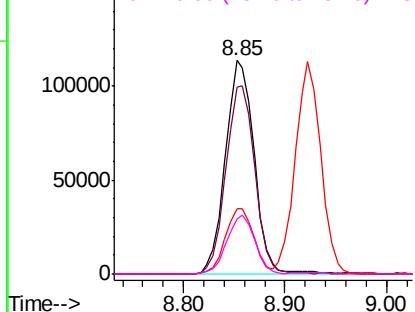


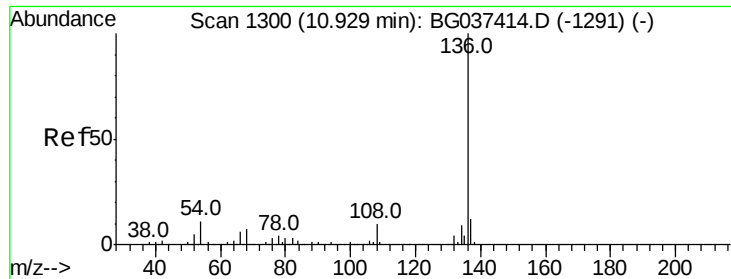
#20
3+4-Methylphenols
Concen: 45.400 ng
RT: 8.85 min Scan# 947
Delta R.T. -0.01 min
Lab File: BG037887.D
Acq: 8 Nov 2018 16:01

Tgt Ion:	107	Resp:	223502
Ion	Ratio	Lower	Upper
107	100		
108	87.7	69.9	109.9
77	30.8	11.2	51.2
79	25.7	6.6	46.6



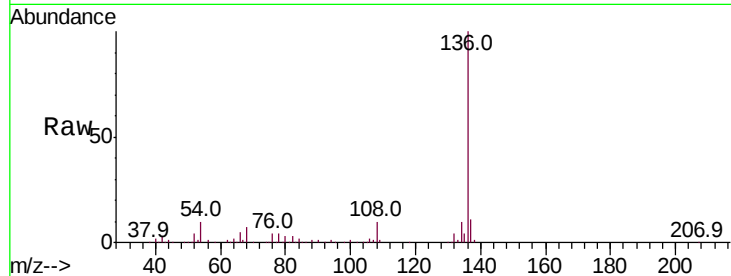
Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG037887.D
Acq: 8 Nov 2018 16:01

Tot Ion:136	Resp:	247777
Ion Ratio	Lower	Upper
136 100		
137 11.0	9.6	14.4
54 10.1	7.9	11.9
68 6.5	4.8	7.2



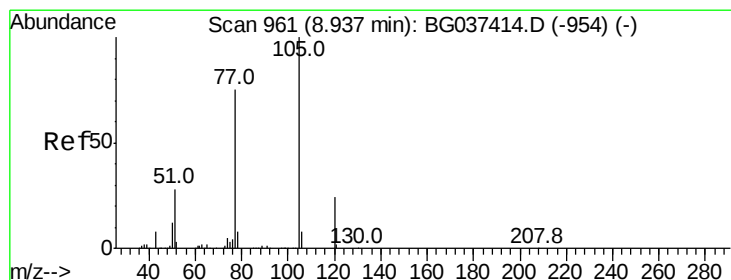
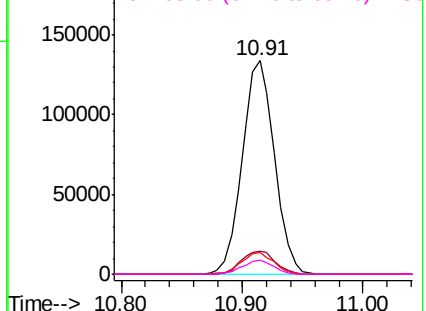
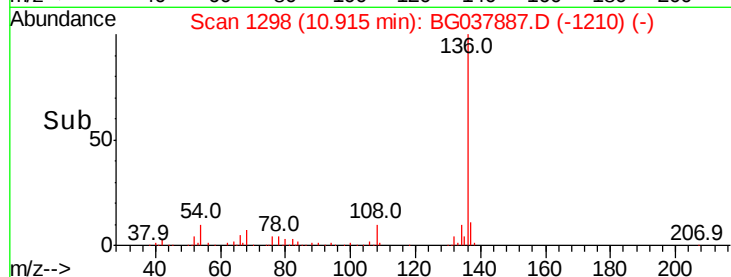
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

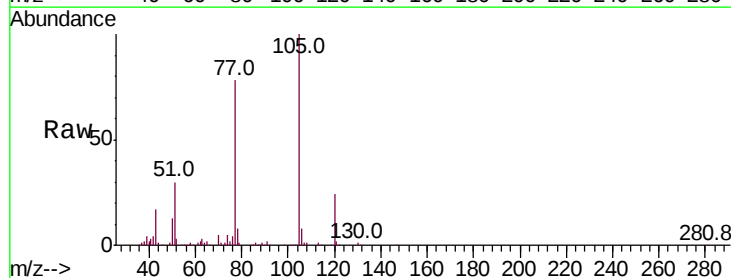
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 41.480 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.01 min
Lab File: BG037887.D
Acq: 8 Nov 2018 16:01

Tgt	Ion:105	Resp:	257765
Ion	Ratio	Lower	Upper
105	100		
71	0.9	1.2	1.8#
51	30.0	25.0	37.6
120	24.5	18.6	28.0



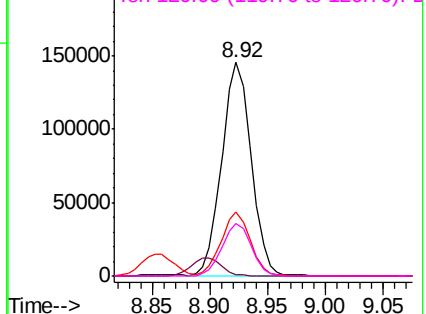
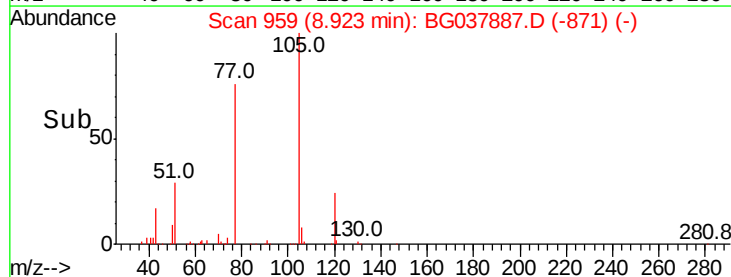
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 87.795 ng

RT: 9.27 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BG037887.D

Acq: 8 Nov 2018 16:01

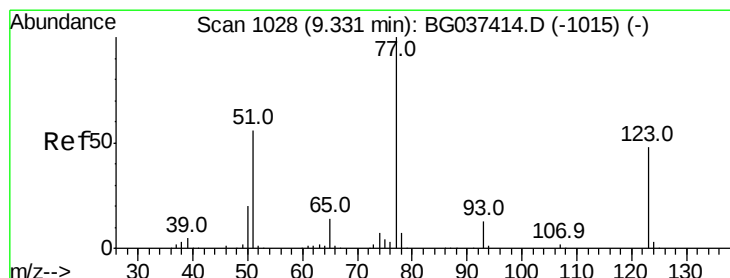
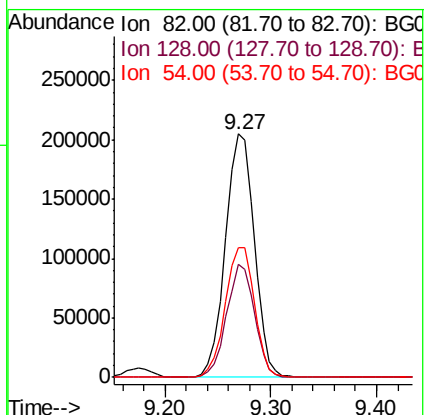
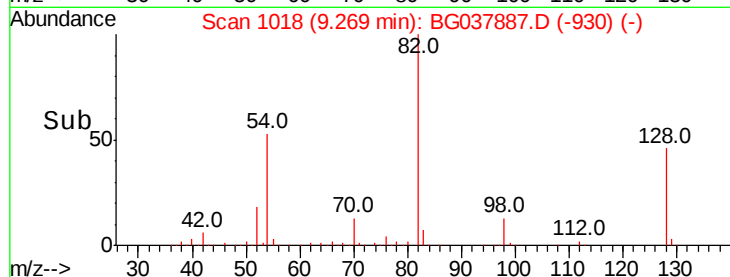
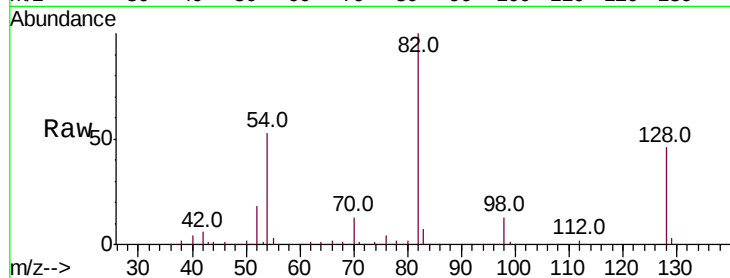
Tot Ion: 82 Resp: 388324

Ion Ratio Lower Upper

82 100

128 46.2 34.6 51.8

54 53.4 45.3 67.9



#24

Nitrobenzene

Concen: 43.177 ng

RT: 9.32 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BG037887.D

Acq: 8 Nov 2018 16:01

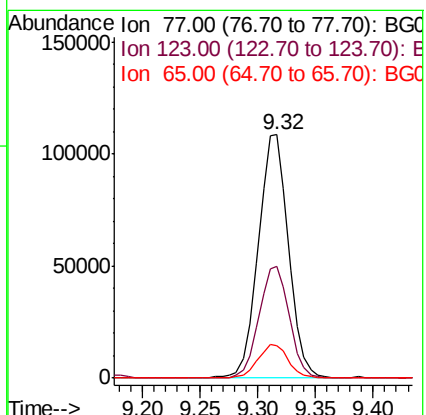
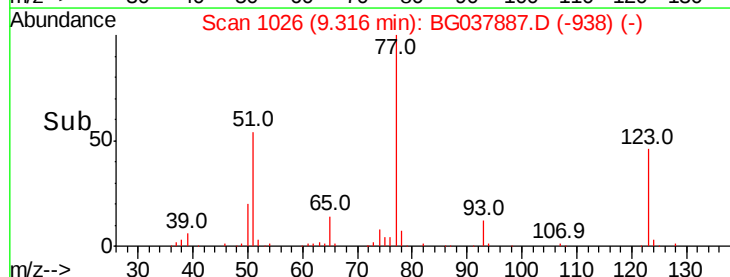
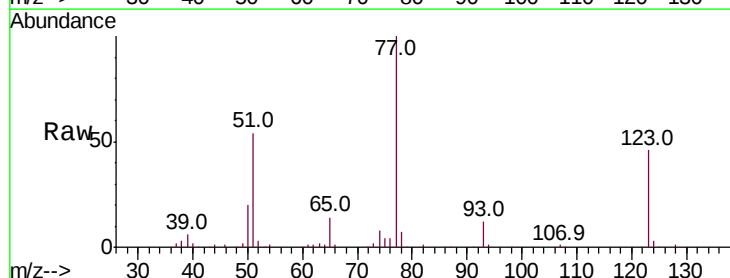
Tgt Ion: 77 Resp: 198397

Ion Ratio Lower Upper

77 100

123 45.8 33.6 50.4

65 13.6 11.3 16.9





#25

Isophorone

Concen: 48.484 ng

RT: 9.83 min Scan# 1113

Delta R.T. -0.02 min

Lab File: BG037887.D

Acq: 8 Nov 2018 16:01

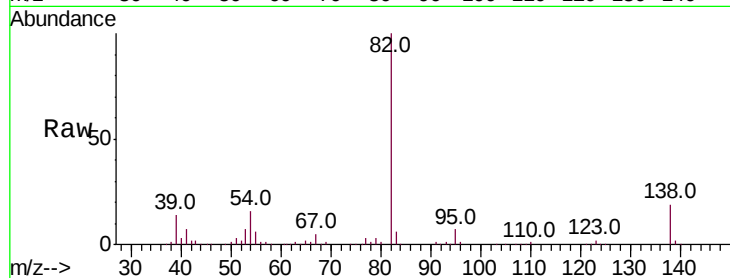
Tot Ion: 82 Resp: 391834

Ion Ratio Lower Upper

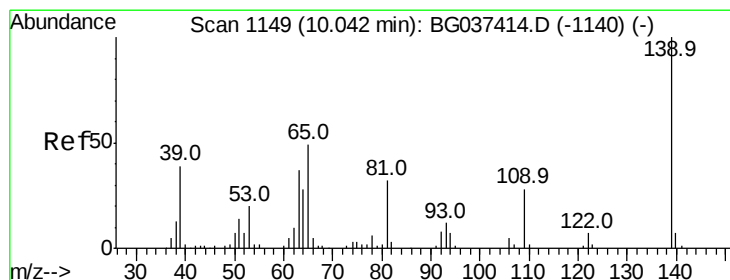
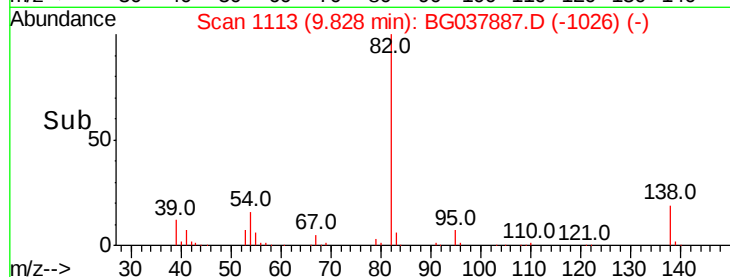
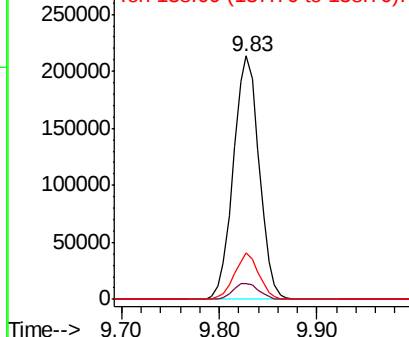
82 100

95 6.7 5.3 7.9

138 18.9 13.3 19.9



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: 49.433 ng

RT: 10.02 min Scan# 1146

Delta R.T. -0.02 min

Lab File: BG037887.D

Acq: 8 Nov 2018 16:01

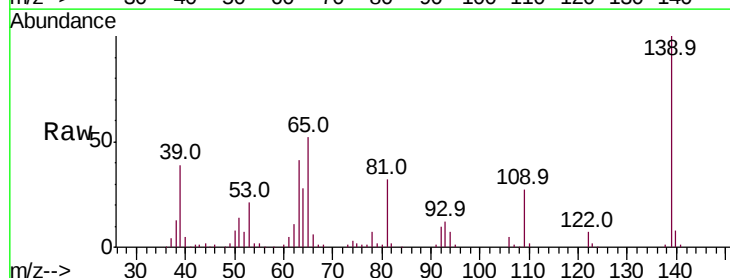
Tgt Ion: 139 Resp: 102326

Ion Ratio Lower Upper

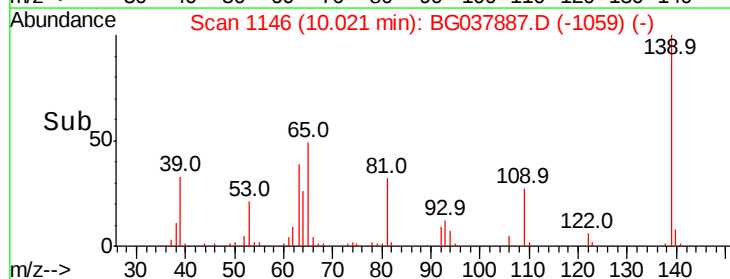
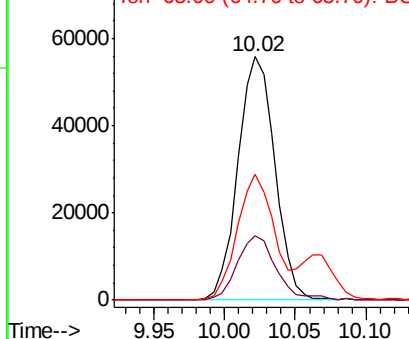
139 100

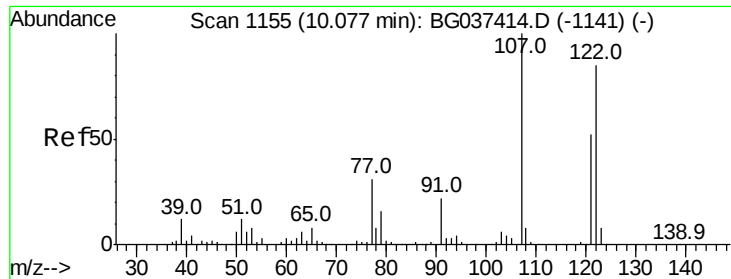
109 26.7 23.3 34.9

65 51.7 39.8 59.8



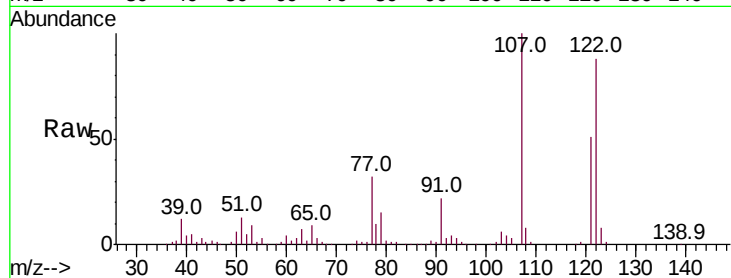
Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#27
 2,4-Dimethylphenol
 Concen: 50.706 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BG037887.D
 Acq: 8 Nov 2018 16:01

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.8	94.2	141.2
121	58.4	47.3	70.9

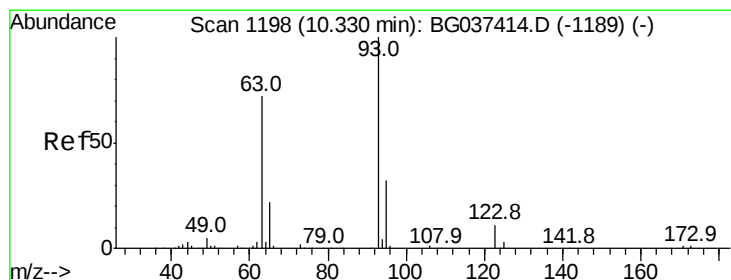
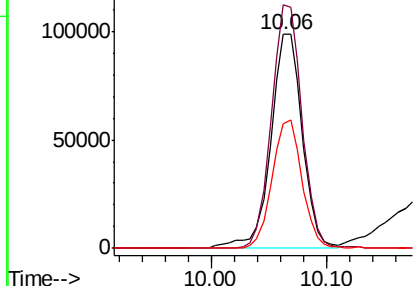
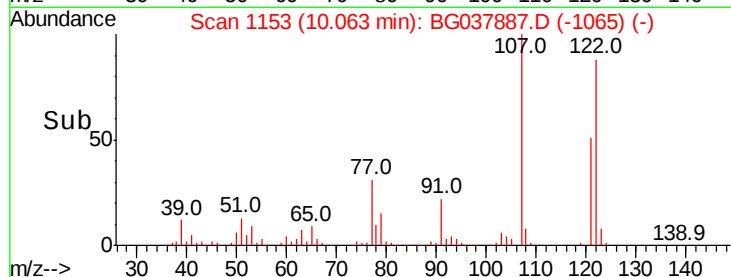


Abundance

Ion 122.00 (121.70 to 122.70): E

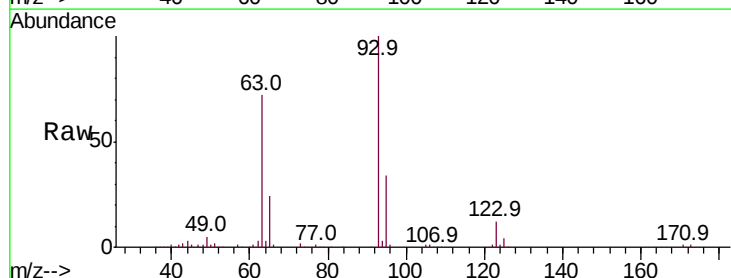
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.973 ng
 RT: 10.31 min Scan# 1195
 Delta R.T. -0.02 min
 Lab File: BG037887.D
 Acq: 8 Nov 2018 16:01

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.6	24.6	37.0
123	11.8	9.1	13.7

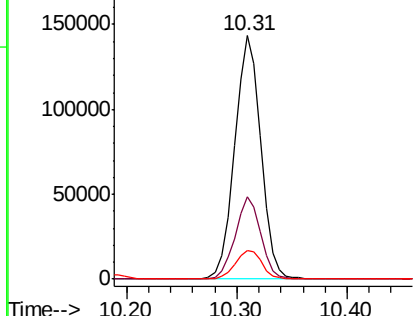
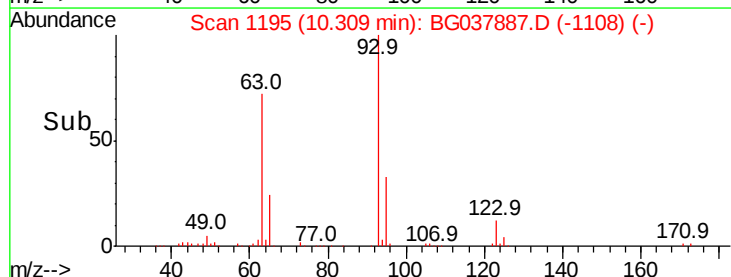


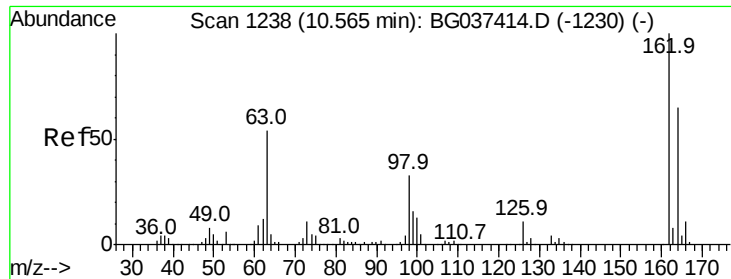
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

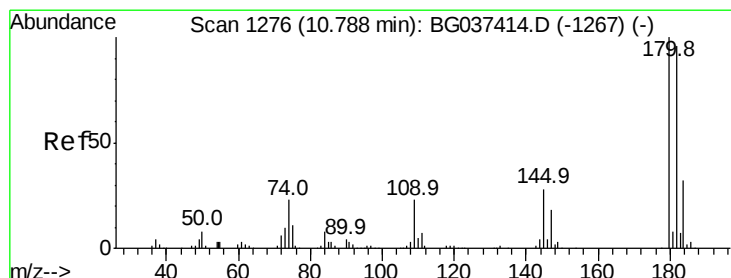
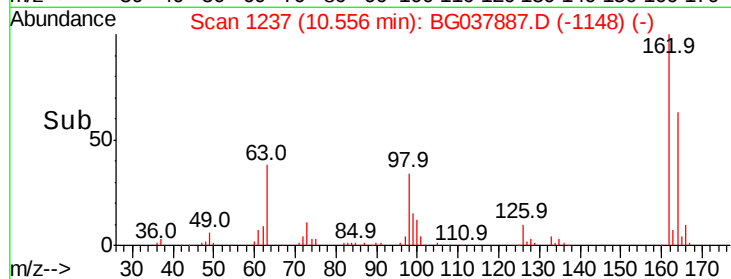
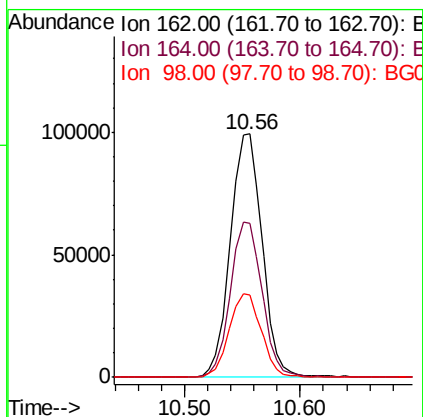
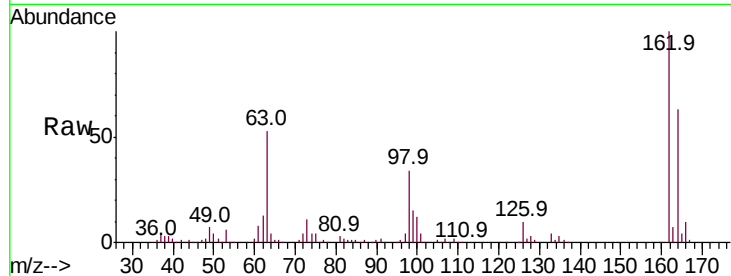
Ion 123.00 (122.70 to 123.70): E





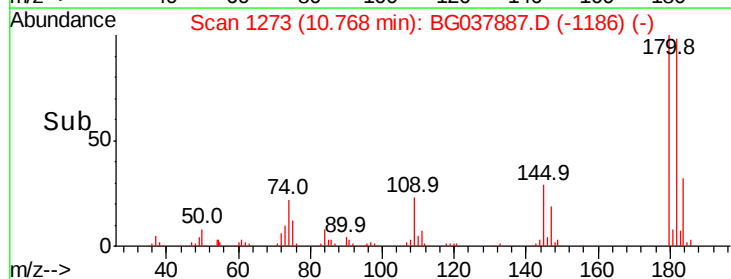
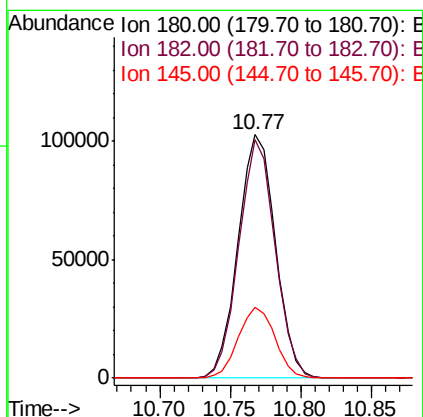
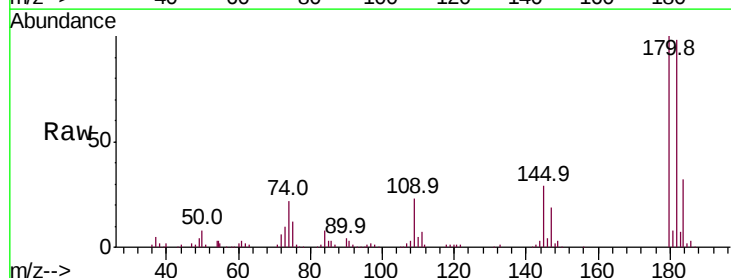
#29
 2,4-Dichlorophenol
 Concen: 46.234 ng
 RT: 10.56 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BG037887.D
 Acq: 8 Nov 2018 16:01

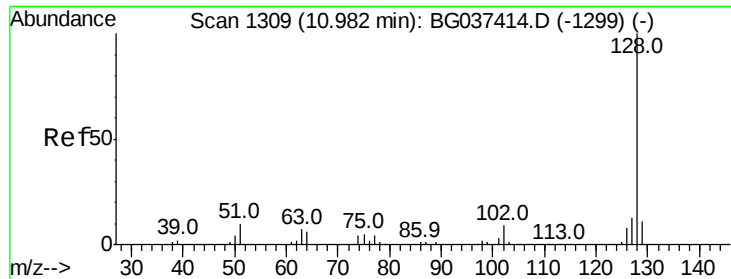
Tot Ion:	162	Resp:	190255
Ion Ratio	Lower	Upper	
162	100		
164	63.1	43.2	83.2
98	34.0	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 42.548 ng
 RT: 10.77 min Scan# 1273
 Delta R.T. -0.02 min
 Lab File: BG037887.D
 Acq: 8 Nov 2018 16:01

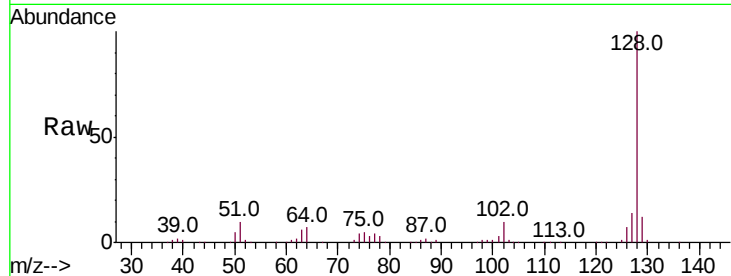
Tgt Ion:	180	Resp:	190400
Ion Ratio	Lower	Upper	
180	100		
182	98.2	77.7	116.5
145	29.0	23.3	34.9



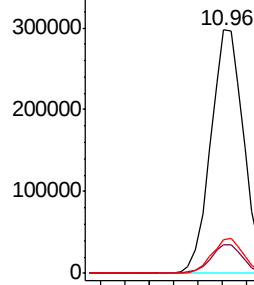


#31
Naphthalene
Concen: 46.253 ng
RT: 10.96 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BG037887.D
Acq: 8 Nov 2018 16:01

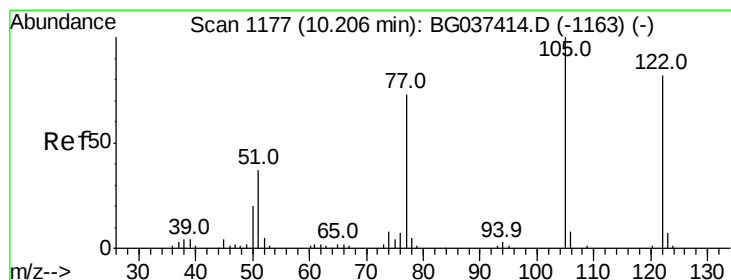
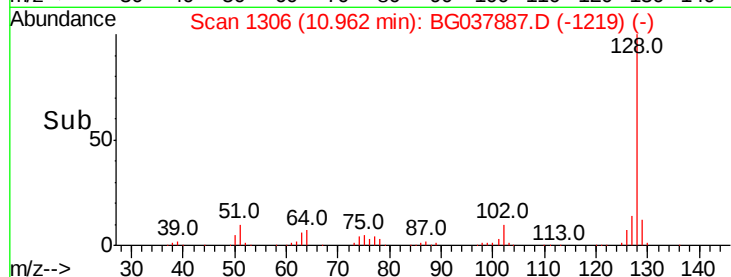
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.0	13.6
127	14.1	11.1	16.7



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

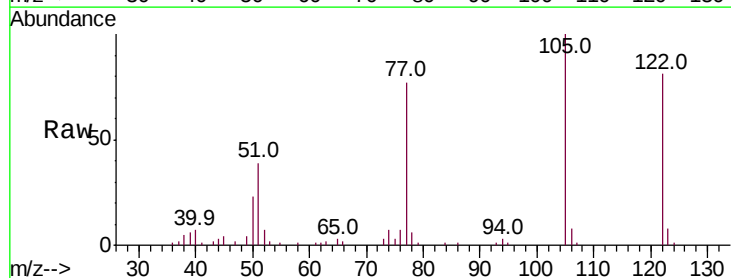


Time-->

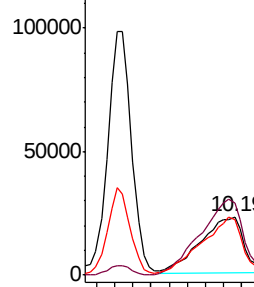


#32
Benzoic acid
Concen: 33.142 ng
RT: 10.19 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BG037887.D
Acq: 8 Nov 2018 16:01

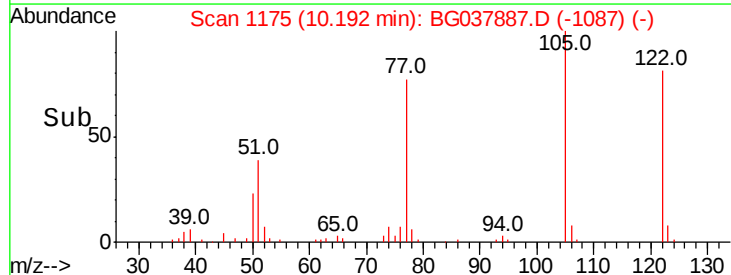
Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.8	106.7	146.7
77	95.1	72.2	112.2

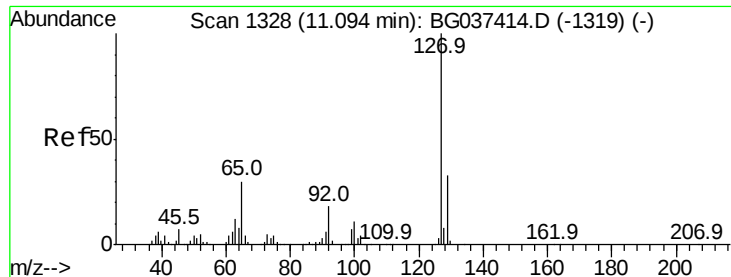


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGO



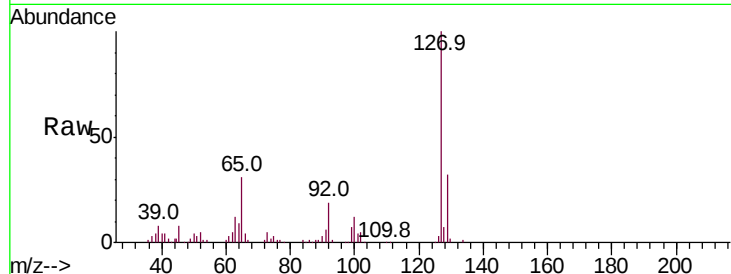
Time-->



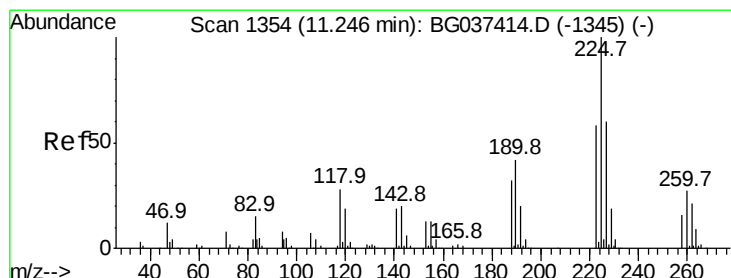
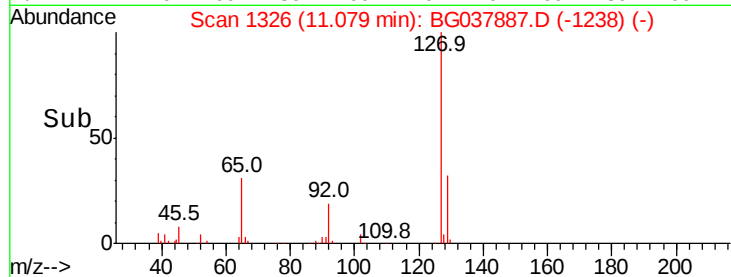
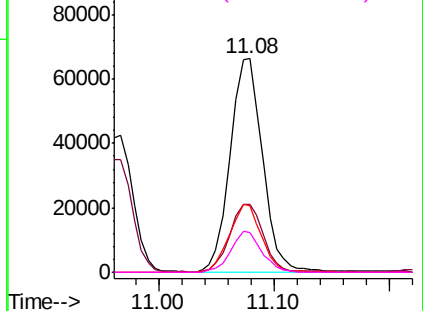


#33
4-Chloroaniline
Concen: 22.674 ng
RT: 11.08 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BG037887.D
Acq: 8 Nov 2018 16:01

Tot Ion:	127	Resp:	129655
Ion	Ratio	Lower	Upper
127	100		
129	32.0	27.1	40.7
65	30.9	26.6	39.8
92	18.5	16.4	24.6

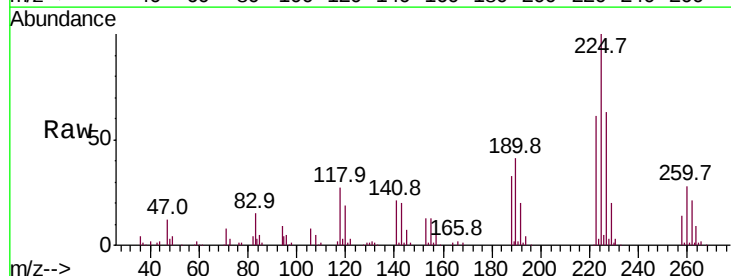


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

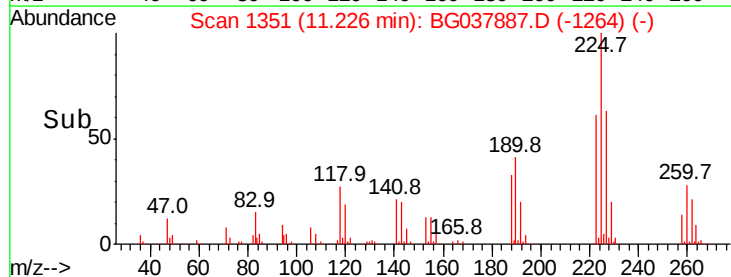
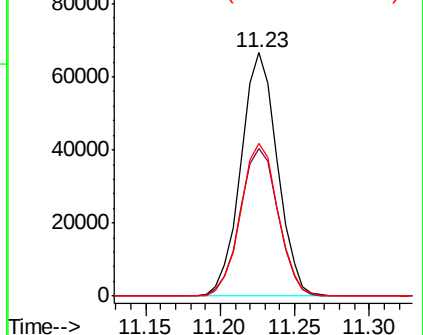


#34
Hexachlorobutadiene
Concen: 42.481 ng
RT: 11.23 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BG037887.D
Acq: 8 Nov 2018 16:01

Tgt Ion:	225	Resp:	112669
Ion	Ratio	Lower	Upper
225	100		
223	58.1	48.2	72.4
227	62.7	51.6	77.4



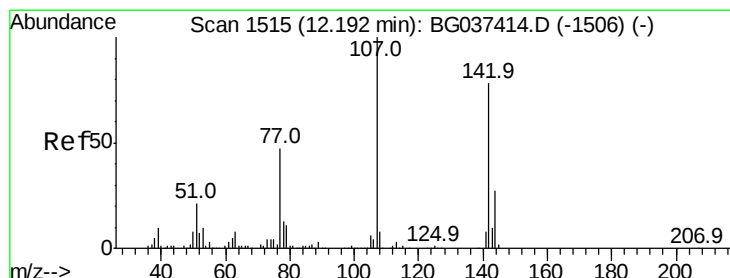
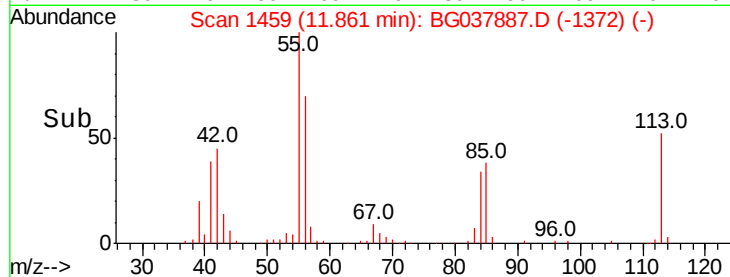
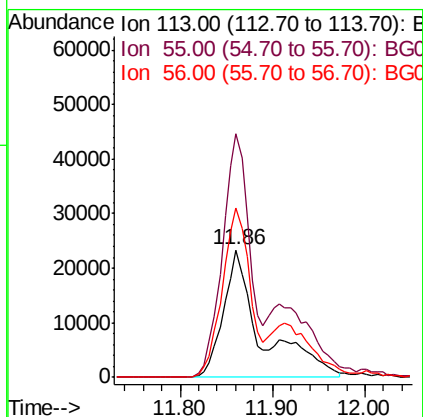
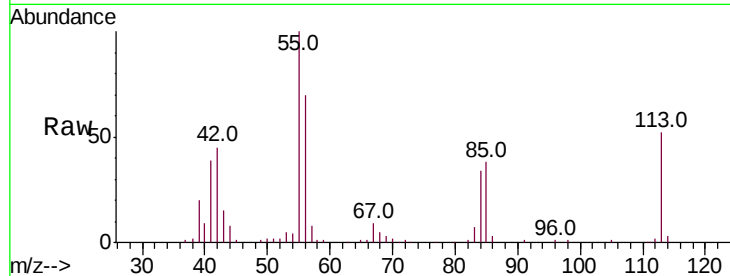
Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





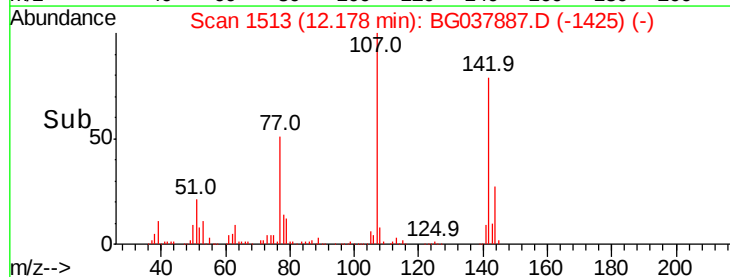
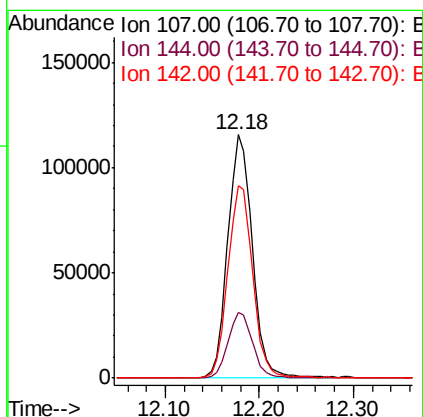
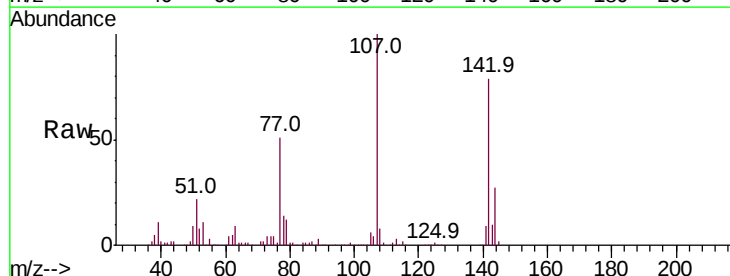
#35
 Caprolactam
 Concen: 40.699 ng/ml
 RT: 11.86 min Scan# 1459
 Delta R.T. -0.02 min
 Lab File: BG037887.D
 Acq: 8 Nov 2018 16:01

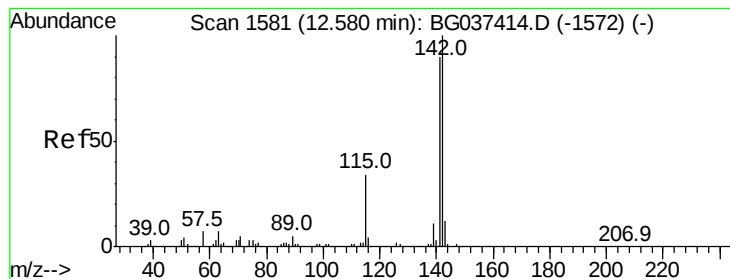
Tot Ion: 113 Resp: 67170
 Ion Ratio Lower Upper
 113 100
 55 191.3 176.6 216.6
 56 133.2 128.3 168.3



#36
 4-Chloro-3-methylphenol
 Concen: 45.150 ng
 RT: 12.18 min Scan# 1513
 Delta R.T. -0.01 min
 Lab File: BG037887.D
 Acq: 8 Nov 2018 16:01

Tgt Ion: 107 Resp: 209534
 Ion Ratio Lower Upper
 107 100
 144 26.9 20.7 31.1
 142 78.8 64.4 96.6





#37

2-Methylnaphthalene

Concen: 48.676 ng

RT: 12.56 min Scan# 1578

Delta R.T. -0.02 min

Lab File: BG037887.D

Acq: 8 Nov 2018 16:01

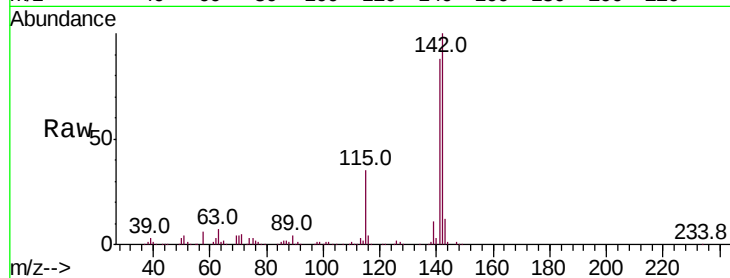
Tot Ion:142 Resp: 431831

Ion Ratio Lower Upper

142 100

141 88.5 71.9 107.9

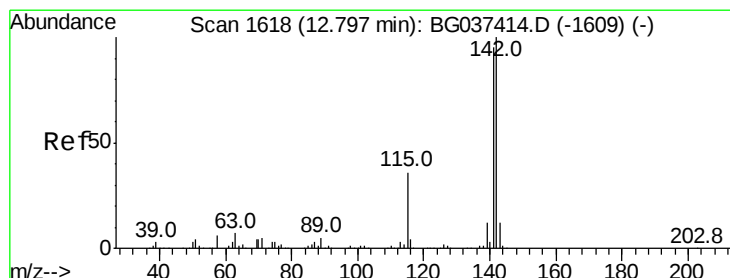
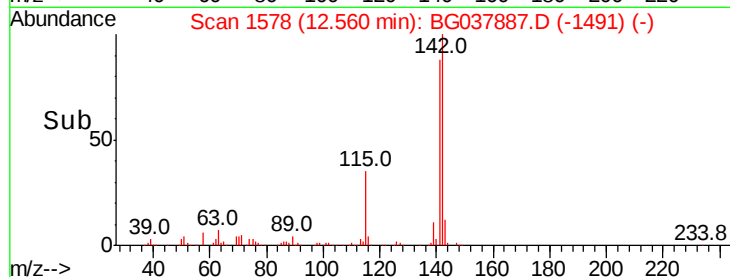
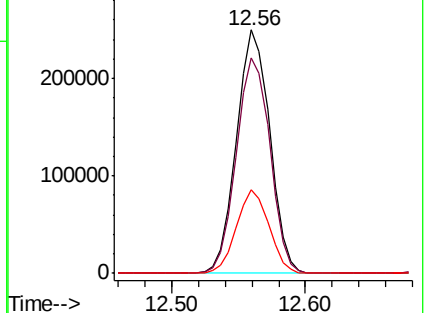
115 34.5 27.8 41.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 47.535 ng

RT: 12.78 min Scan# 1615

Delta R.T. -0.02 min

Lab File: BG037887.D

Acq: 8 Nov 2018 16:01

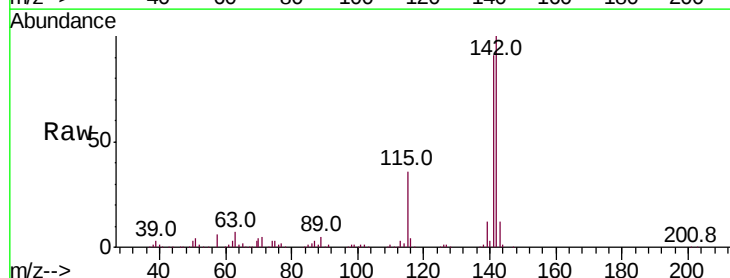
Tgt Ion:142 Resp: 409544

Ion Ratio Lower Upper

142 100

141 91.4 75.2 112.8

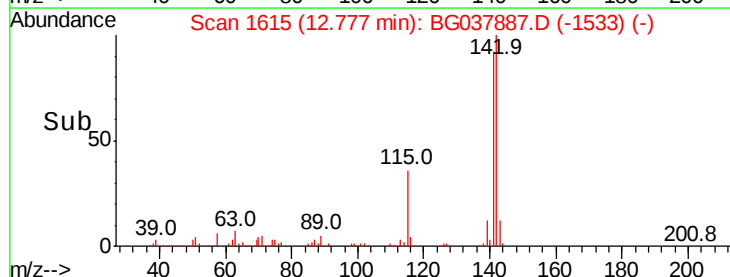
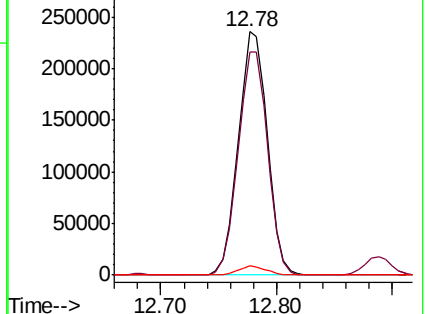
116 3.8 3.3 4.9

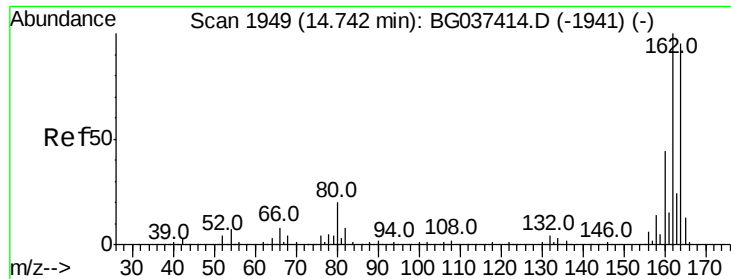


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

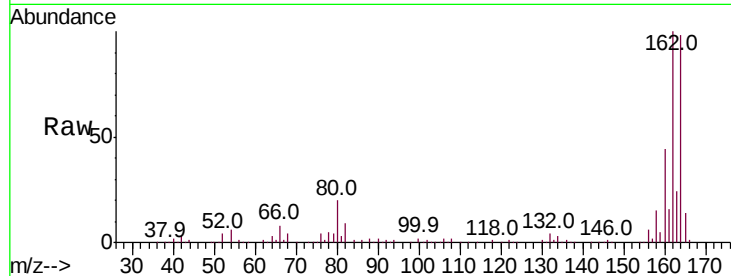
Ion 116.00 (115.70 to 116.70): E



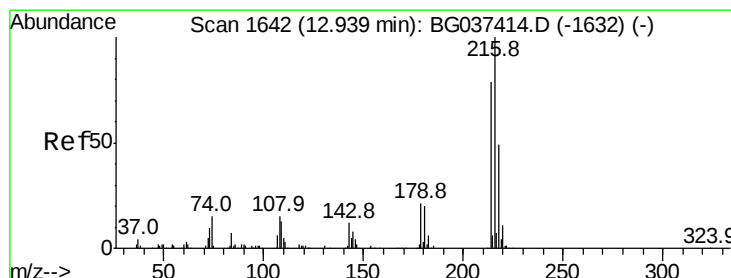
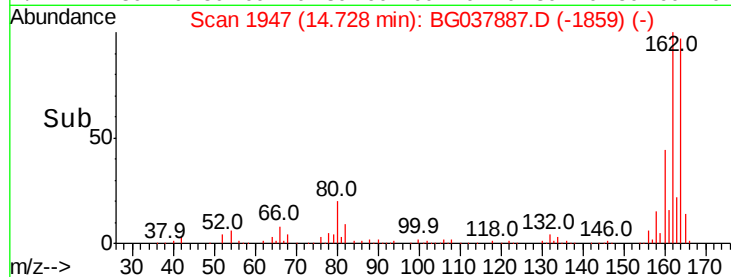
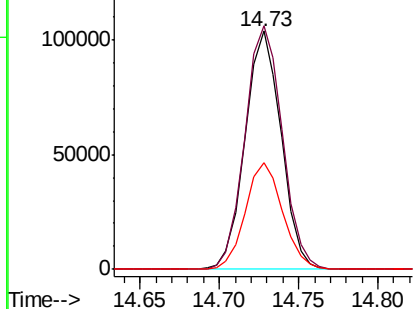


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BG037887.D
Acq: 8 Nov 2018 16:01

Tot Ion:	164	Resp:	163630
Ion	Ratio	Lower	Upper
164	100		
162	102.3	81.3	121.9
160	44.8	36.3	54.5



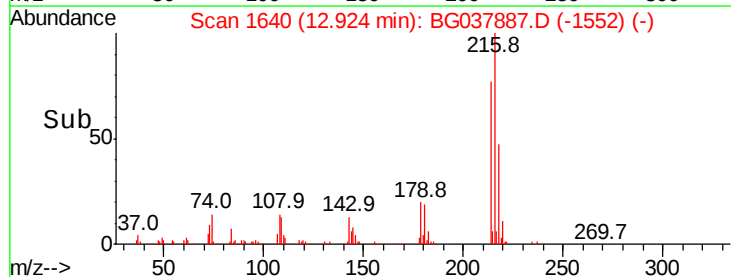
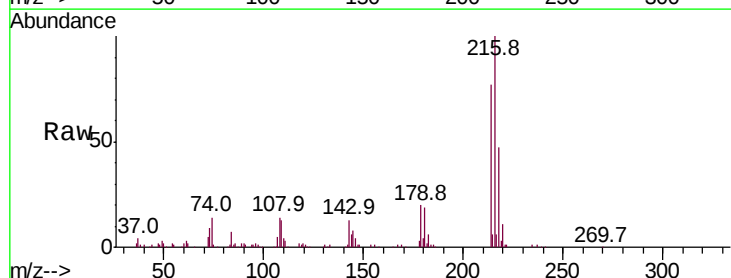
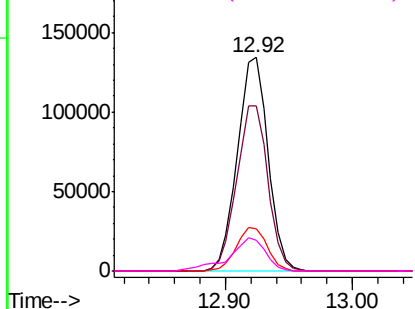
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

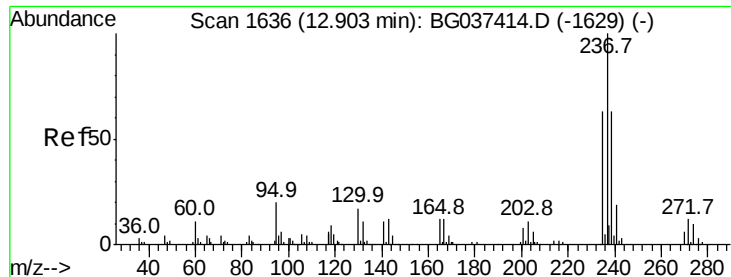


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.631 ng
RT: 12.92 min Scan# 1640
Delta R.T. -0.01 min
Lab File: BG037887.D
Acq: 8 Nov 2018 16:01

Tgt Ion:	216	Resp:	225006
Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.8	95.6
179	20.4	17.4	26.0
108	18.3	13.9	20.9

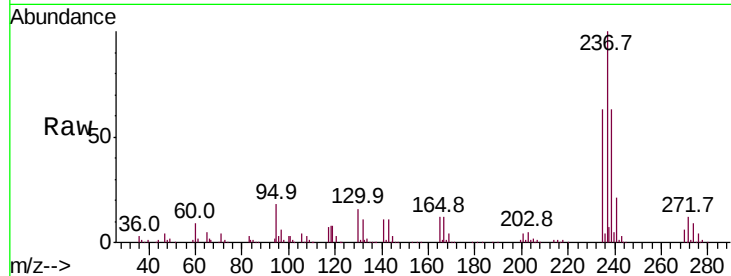
Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E



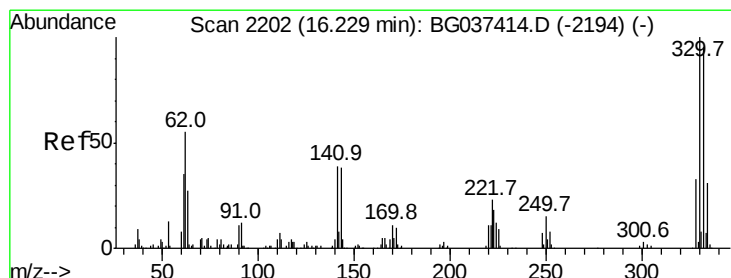
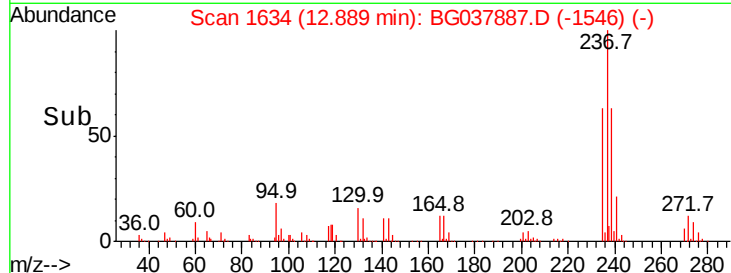
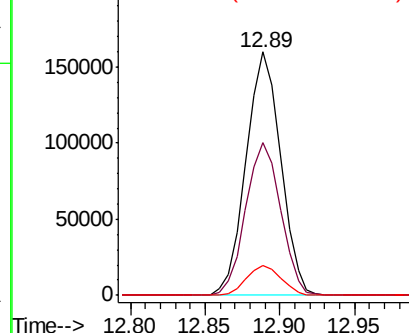


#41
Hexachlorocyclopentadiene
Concen: 101.786 ng
RT: 12.89 min Scan# 1634
Delta R.T. -0.01 min
Lab File: BG037887.D
Acq: 8 Nov 2018 16:01

Tot Ion	Ratio	Lower	Upper
237	100		
235	62.6	42.5	82.5
272	12.5	0.0	31.6

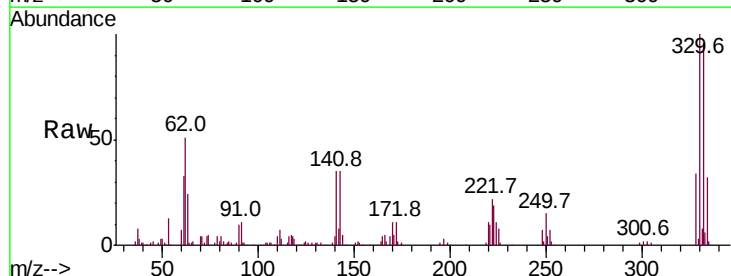


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

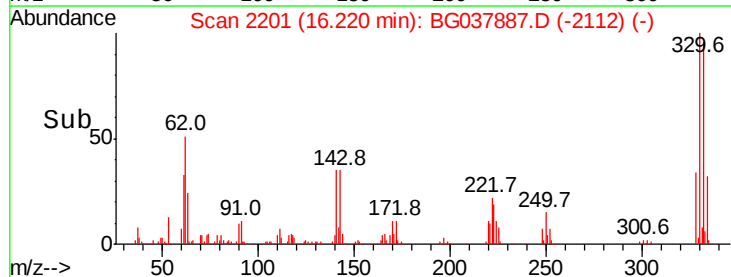
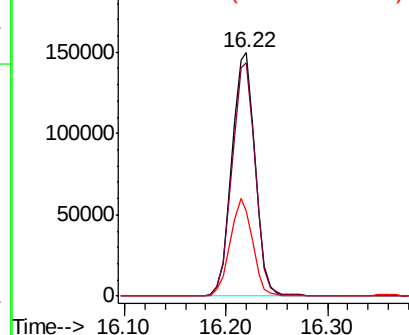


#42
2,4,6-Tribromophenol
Concen: 133.381 ng
RT: 16.22 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BG037887.D
Acq: 8 Nov 2018 16:01

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	78.4	117.6
141	38.5	32.2	48.2



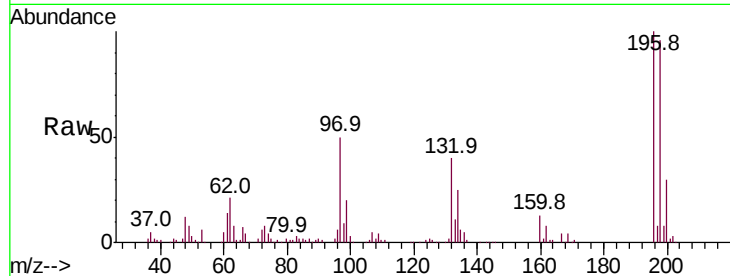
Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#43
2,4,6-Trichlorophenol
Concen: 46.190 ng
RT: 13.16 min Scan# 1680
Delta R.T. -0.01 min
Lab File: BG037887.D
Acq: 8 Nov 2018 16:01

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.2	76.4	114.6
200	30.0	24.9	37.3

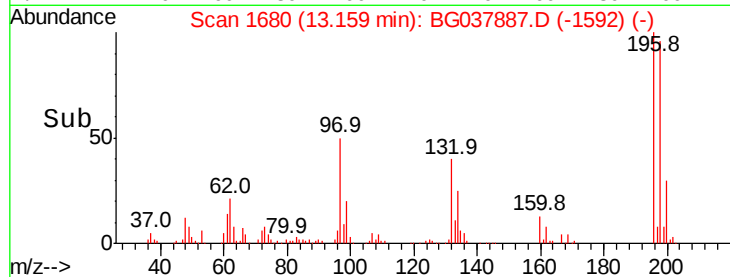
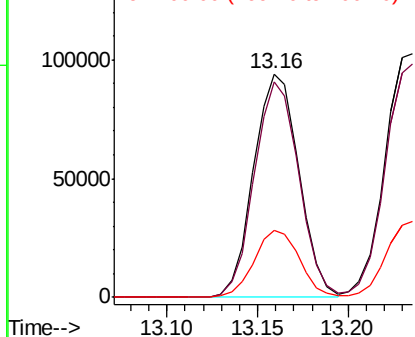


Abundance

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



#44
2,4,5-Trichlorophenol
Concen: 45.887 ng
RT: 13.24 min Scan# 1693
Delta R.T. -0.01 min
Lab File: BG037887.D
Acq: 8 Nov 2018 16:01

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.6	74.2	111.2
97	42.5	34.1	51.1
132	25.5	20.2	30.4

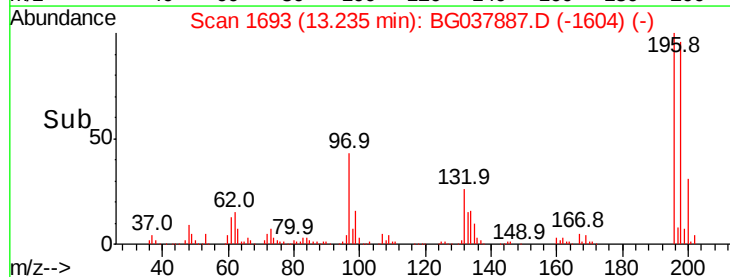
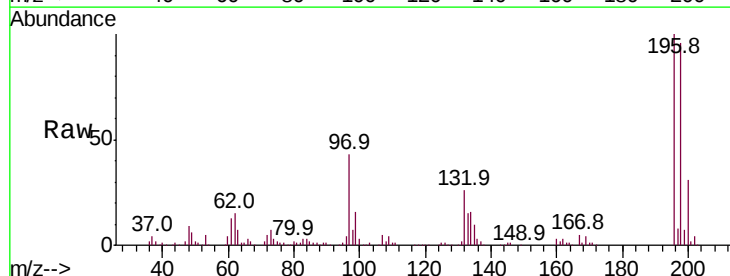
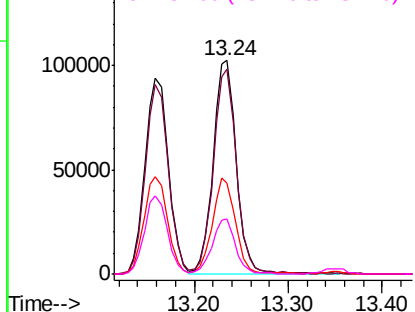
Abundance

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): BGC

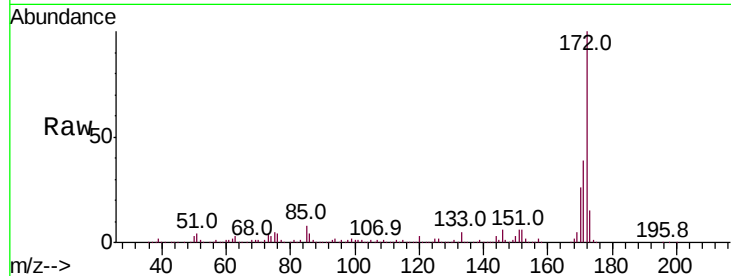
Ion 132.00 (131.70 to 132.70): E



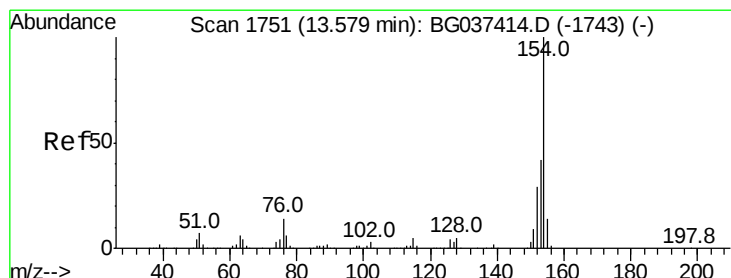
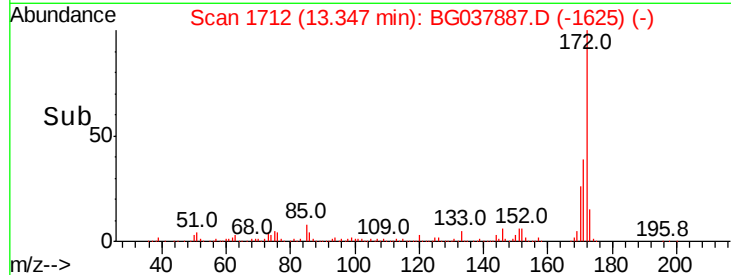
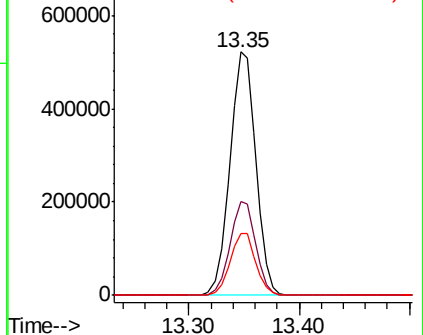


#45
2-Fluorobiphenyl
Concen: 79.008 ng
RT: 13.35 min Scan# 1712
Delta R.T. -0.02 min
Lab File: BG037887.D
Acq: 8 Nov 2018 16:01

Tot Ion:	172	Resp:	857330
Ion	Ratio	Lower	Upper
172	100		
171	38.7	31.0	46.4
170	25.5	20.2	30.2

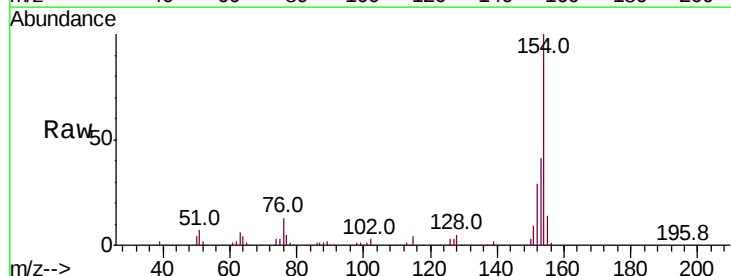


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

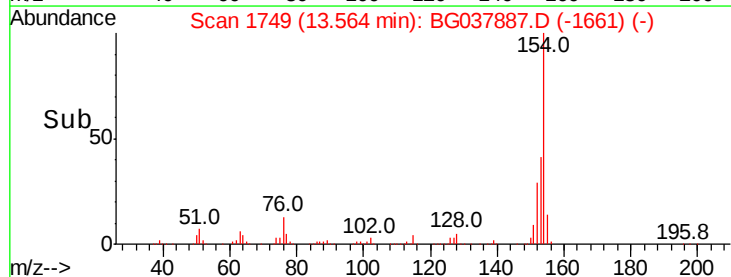
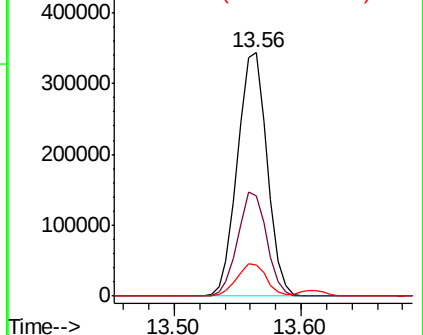


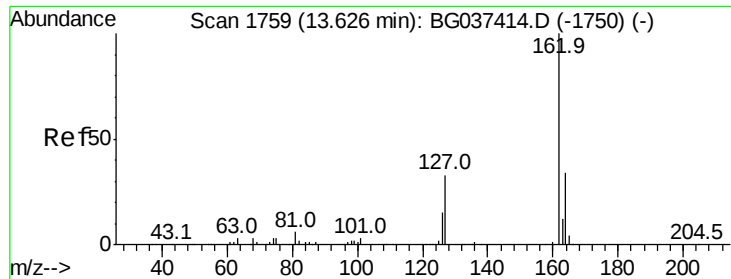
#46
1,1'-Biphenyl
Concen: 41.023 ng
RT: 13.56 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BG037887.D
Acq: 8 Nov 2018 16:01

Tgt Ion:	154	Resp:	555913
Ion	Ratio	Lower	Upper
154	100		
153	41.3	22.1	62.1
76	12.7	0.0	33.2



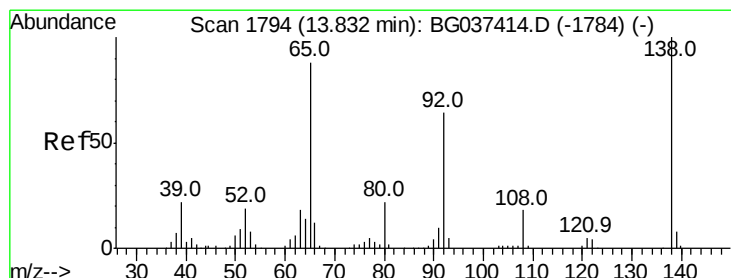
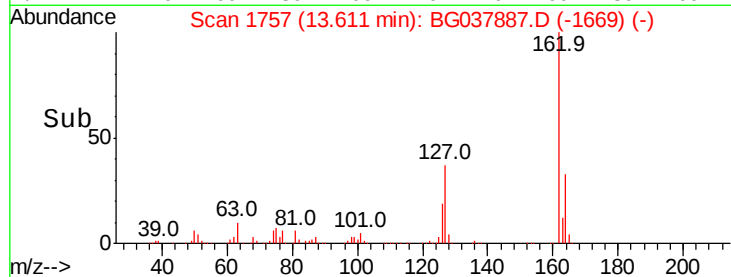
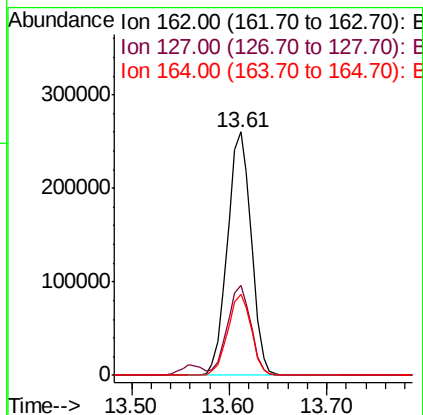
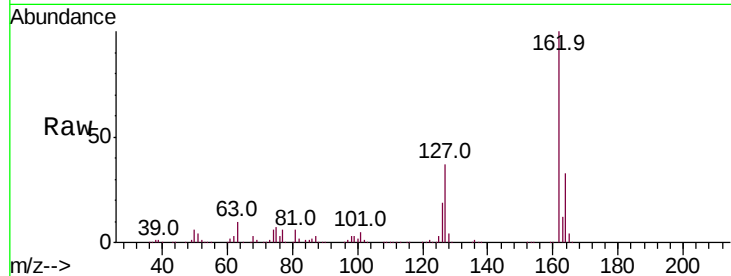
Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG





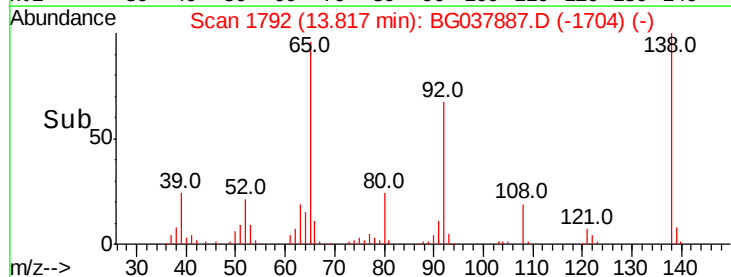
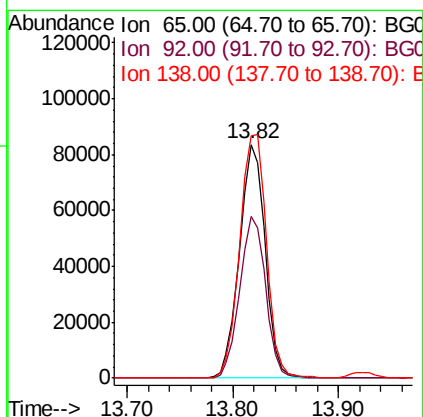
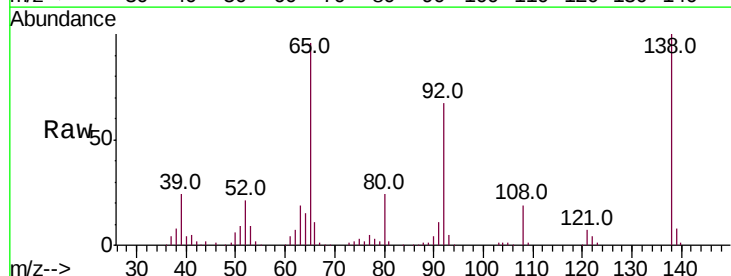
#47
2-Chloronaphthalene
Concen: 42.757 ng
RT: 13.61 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BG037887.D
Acq: 8 Nov 2018 16:01

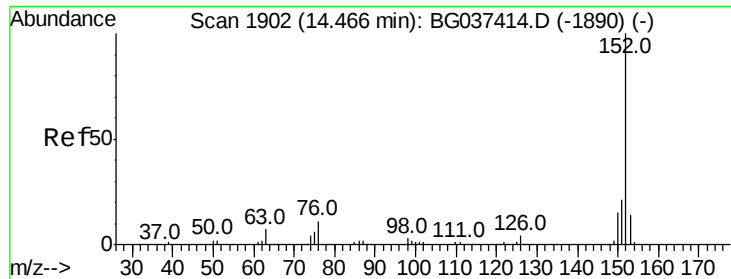
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.2	30.5	45.7
164	33.5	26.4	39.6



#48
2-Nitroaniline
Concen: 45.338 ng
RT: 13.82 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BG037887.D
Acq: 8 Nov 2018 16:01

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.1	53.2	79.8
138	103.6	79.3	118.9





#49

Acenaphthylene

Concen: 46.366 ng

RT: 14.45 min Scan# 1900

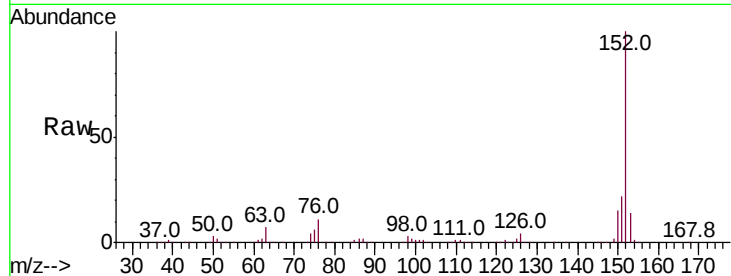
Delta R.T. -0.01 min

Lab File: BG037887.D

Acq: 8 Nov 2018 16:01

Tot Ion:152 Resp: 715056

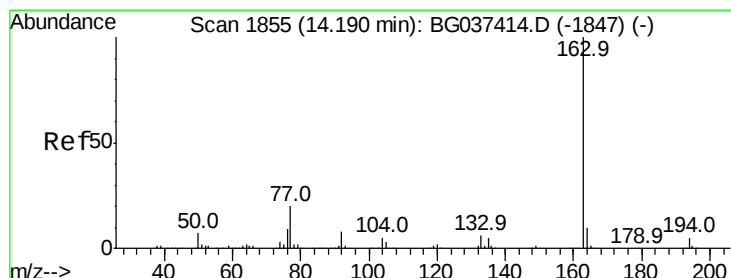
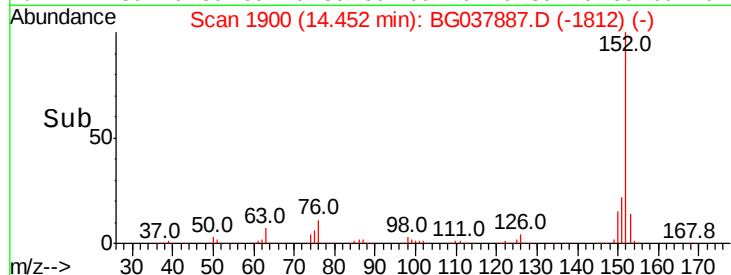
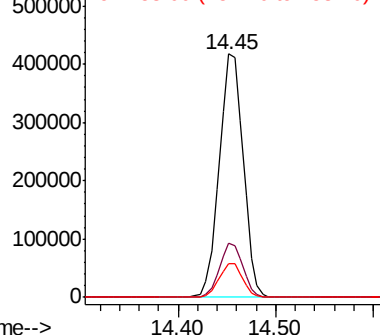
Ion	Ratio	Lower	Upper
152	100		
151	22.4	17.1	25.7
153	13.7	11.1	16.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 49.585 ng

RT: 14.18 min Scan# 1853

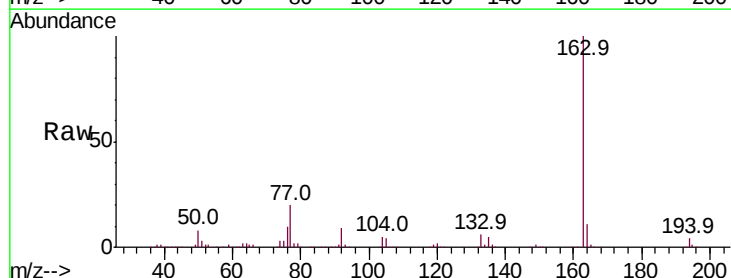
Delta R.T. -0.01 min

Lab File: BG037887.D

Acq: 8 Nov 2018 16:01

Tgt Ion:163 Resp: 627677

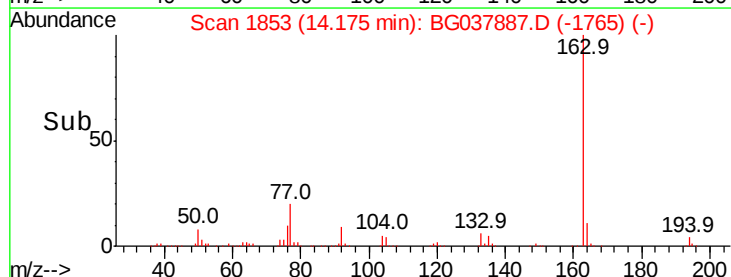
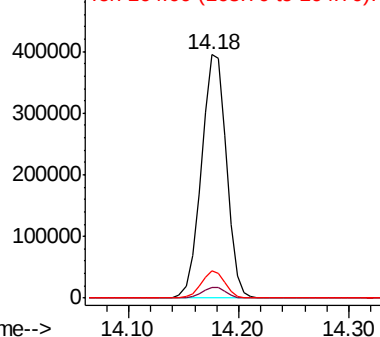
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.5	5.3
164	11.3	8.5	12.7

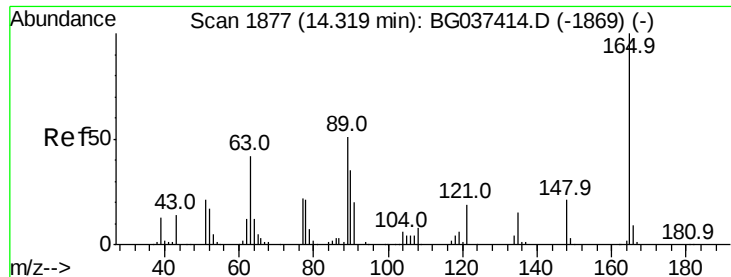


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

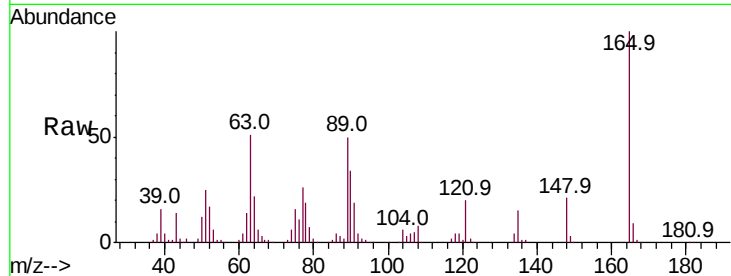
Ion 164.00 (163.70 to 164.70): E



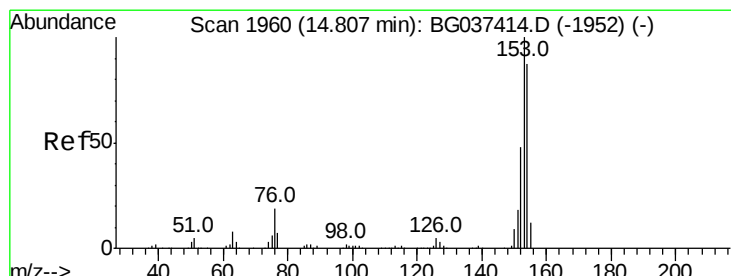
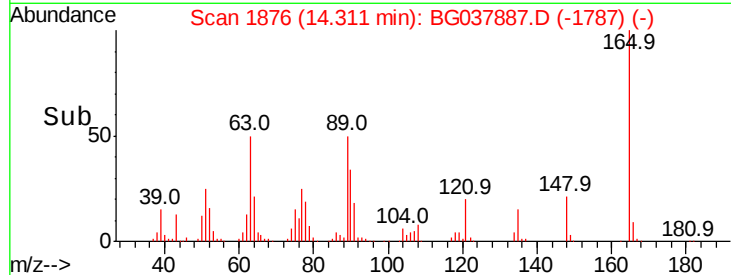
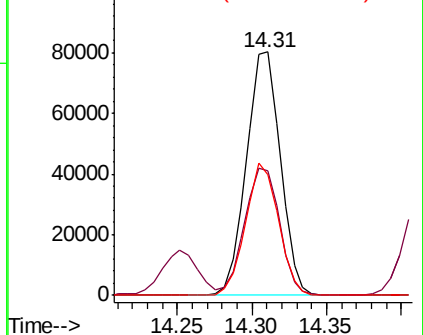


#51
 2,6-Dinitrotoluene
 Concen: 45.112 ng
 RT: 14.31 min Scan# 1876
 Delta R.T. -0.01 min
 Lab File: BG037887.D
 Acq: 8 Nov 2018 16:01

Tot Ion	Ratio	Lower	Upper
165	100		
63	50.9	43.4	65.2
89	49.8	45.8	68.6

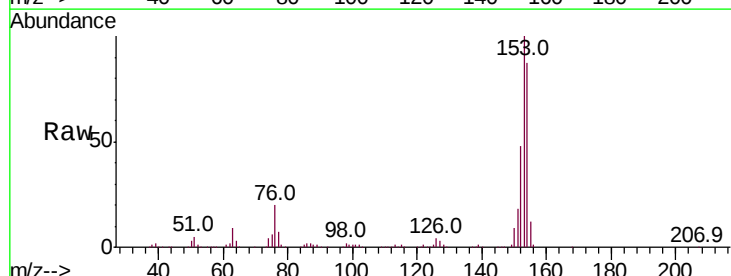


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

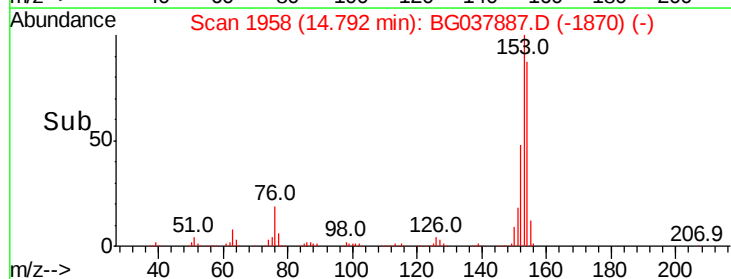
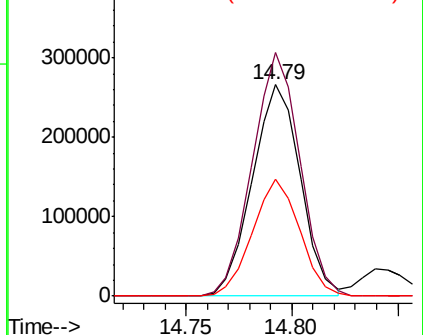


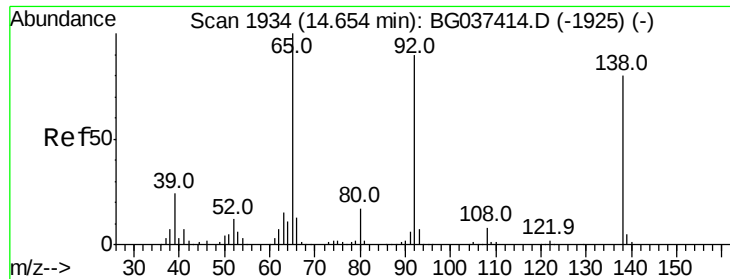
#52
 Acenaphthene
 Concen: 44.199 ng
 RT: 14.79 min Scan# 1958
 Delta R.T. -0.01 min
 Lab File: BG037887.D
 Acq: 8 Nov 2018 16:01

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.2	93.4	140.0
152	55.4	44.7	67.1



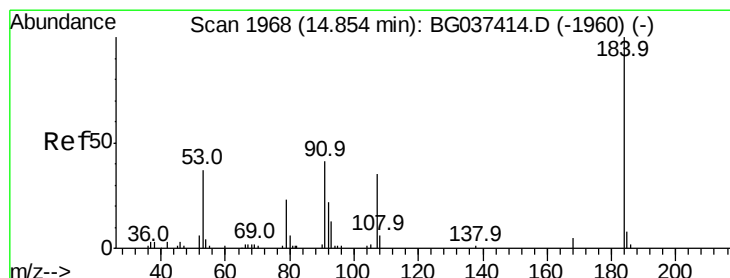
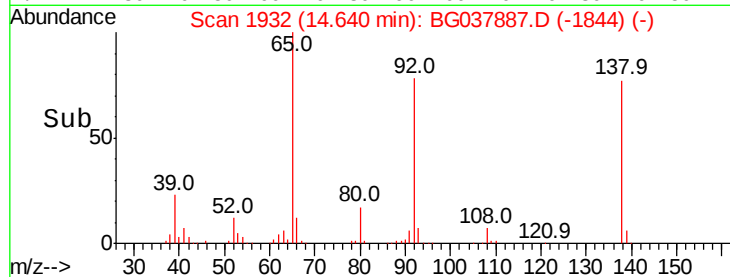
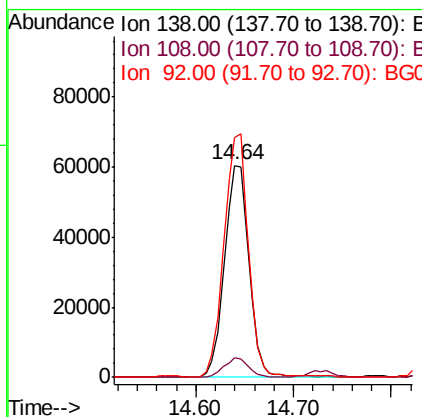
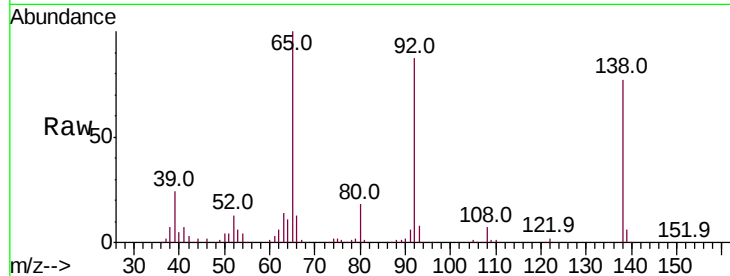
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





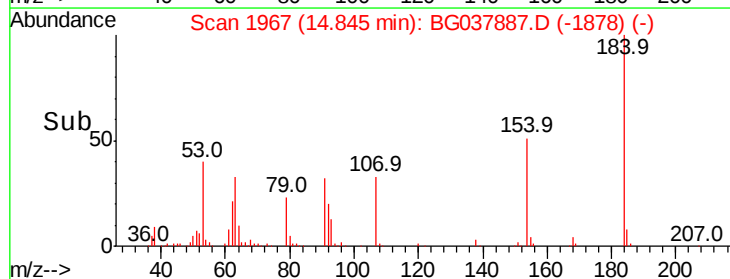
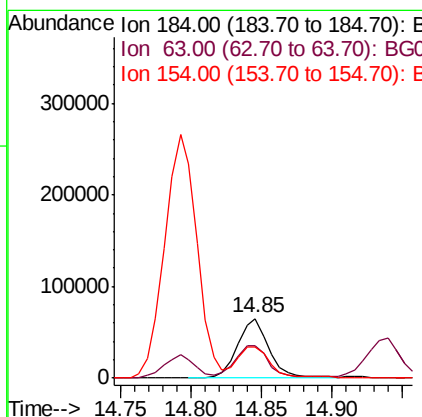
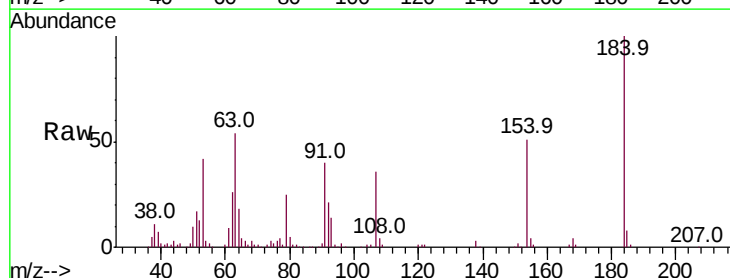
#53
 3-Nitroaniline
 Concen: 33.995 ng
 RT: 14.64 min Scan# 1932
 Delta R.T. -0.01 min
 Lab File: BG037887.D
 Acq: 8 Nov 2018 16:01

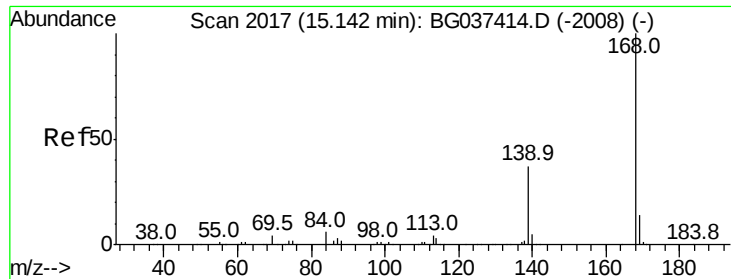
Tot Ion:138 Resp: 105684
 Ion Ratio Lower Upper
 138 100
 108 9.4 11.0 16.6#
 92 113.3 95.2 142.8



#54
 2,4-Dinitrophenol
 Concen: 81.533 ng
 RT: 14.85 min Scan# 1967
 Delta R.T. -0.01 min
 Lab File: BG037887.D
 Acq: 8 Nov 2018 16:01

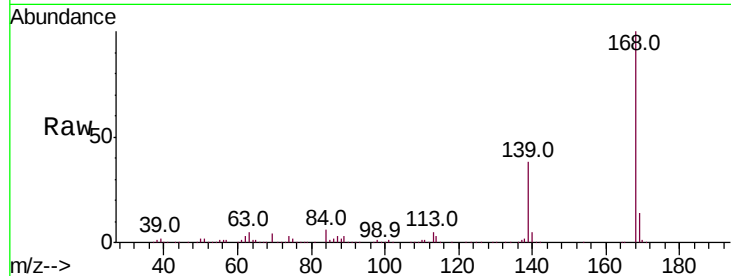
Tgt Ion:184 Resp: 102624
 Ion Ratio Lower Upper
 184 100
 63 53.5 42.6 63.8
 154 51.3 41.8 62.6



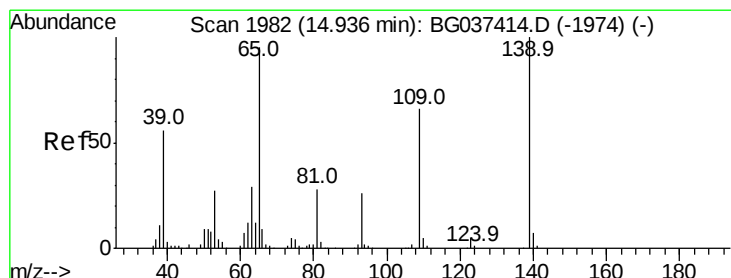
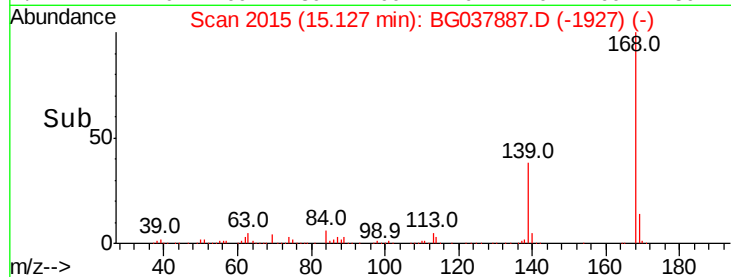
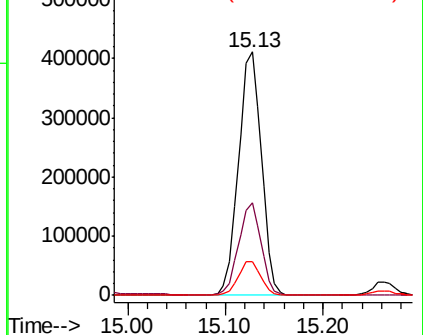


#55
Dibenzofuran
Concen: 42.648 ng
RT: 15.13 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BG037887.D
Acq: 8 Nov 2018 16:01

Tot Ion:168 Resp: 671138
Ion Ratio Lower Upper
168 100
139 37.8 29.4 44.0
169 13.7 11.0 16.6

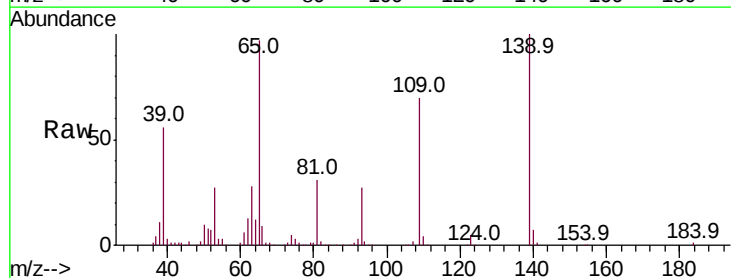


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

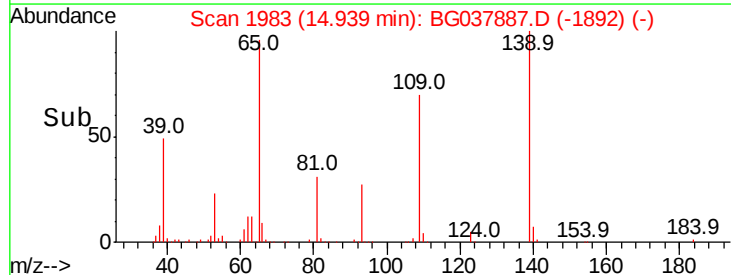
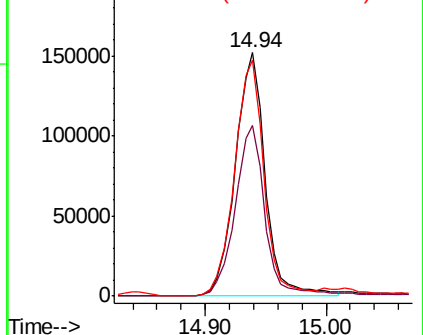


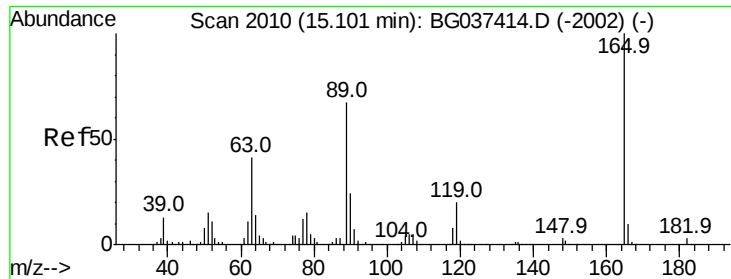
#56
4-Nitrophenol
Concen: 114.111 ng
RT: 14.94 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BG037887.D
Acq: 8 Nov 2018 16:01

Tgt Ion:139 Resp: 262583
Ion Ratio Lower Upper
139 100
109 70.0 49.5 89.5
65 96.7 76.8 116.8



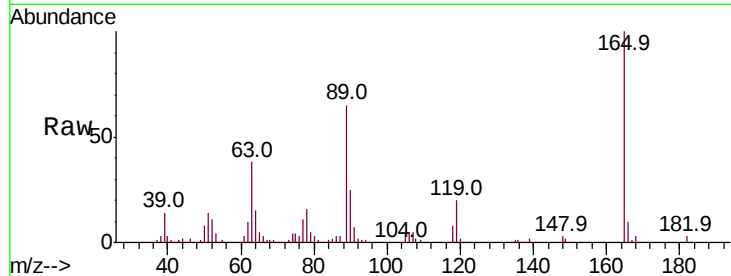
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGO



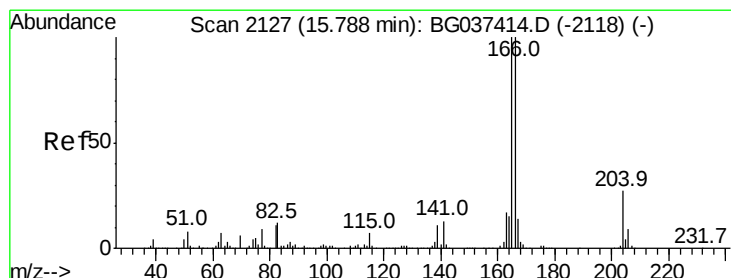
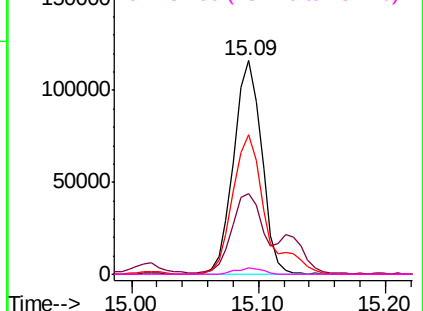
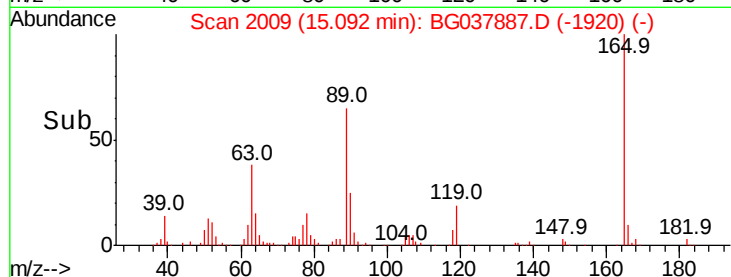


#57
2,4-Dinitrotoluene
Concen: 48.360 ng
RT: 15.09 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG037887.D
Acq: 8 Nov 2018 16:01

Tot Ion:	165	Resp:	177769
Ion	Ratio	Lower	Upper
165	100		
63	37.8	33.4	50.0
89	65.3	57.2	85.8
182	2.8	2.6	4.0

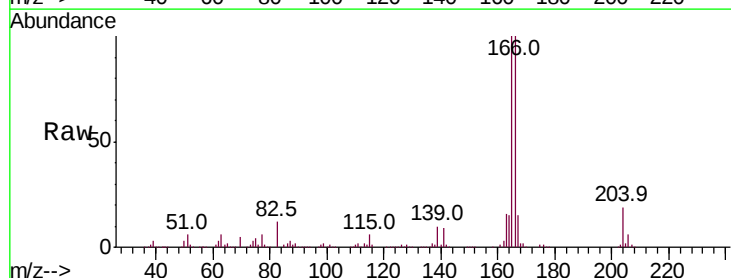


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

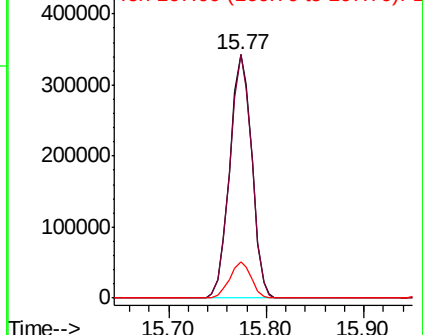
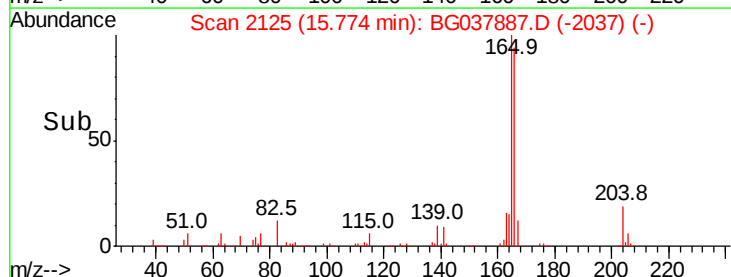


#58
Fluorene
Concen: 45.696 ng
RT: 15.77 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BG037887.D
Acq: 8 Nov 2018 16:01

Tgt Ion:	166	Resp:	538495
Ion	Ratio	Lower	Upper
166	100		
165	100.1	79.0	118.6
167	14.7	11.3	16.9



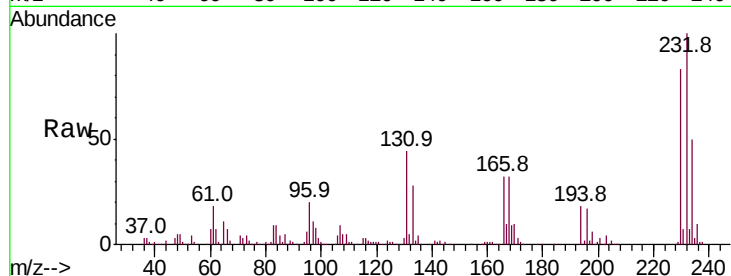
Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



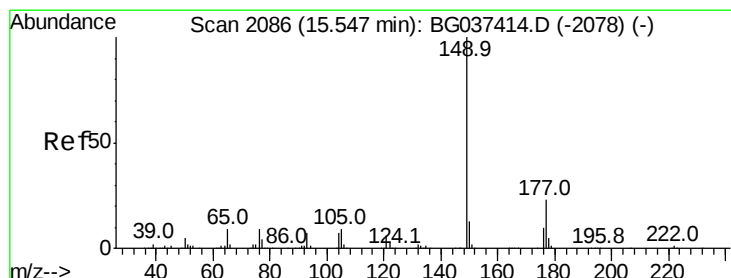
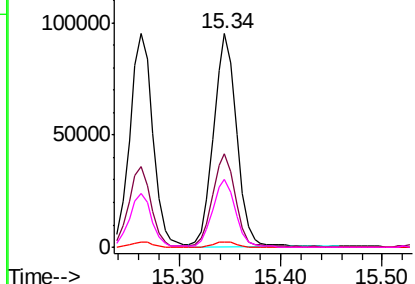
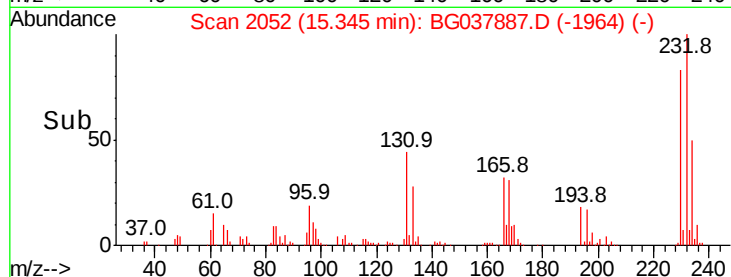


#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.680 ng
 RT: 15.34 min Scan# 2052
 Delta R.T. -0.01 min
 Lab File: BG037887.D
 Acq: 8 Nov 2018 16:01

Tot Ion:	232	Resp:	150152
Ion	Ratio	Lower	Upper
232	100		
131	42.9	33.7	50.5
130	2.4	2.1	3.1
166	31.8	24.6	36.8

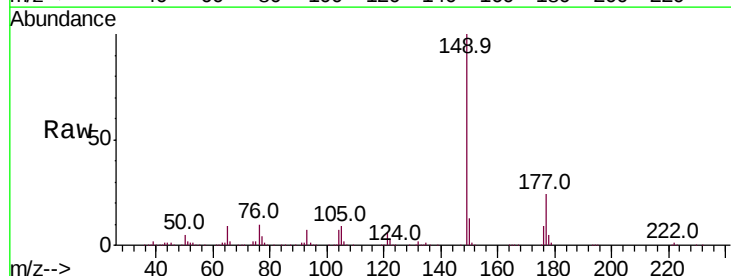


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

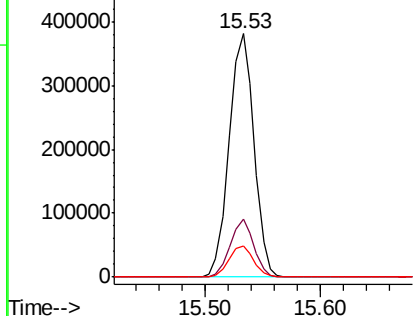
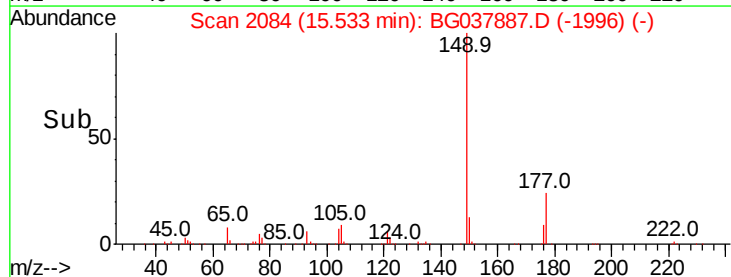


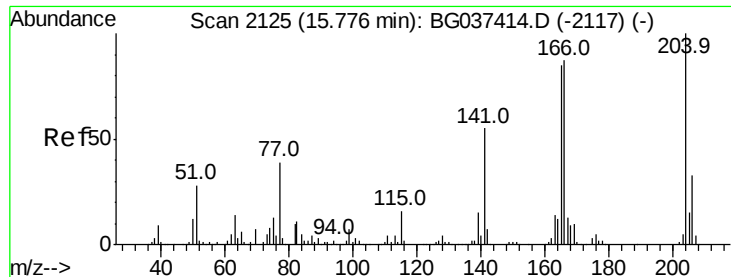
#60
 Diethylphthalate
 Concen: 43.580 ng
 RT: 15.53 min Scan# 2084
 Delta R.T. -0.01 min
 Lab File: BG037887.D
 Acq: 8 Nov 2018 16:01

Tgt Ion:	149	Resp:	566371
Ion	Ratio	Lower	Upper
149	100		
177	23.9	18.3	27.5
150	12.7	10.0	15.0



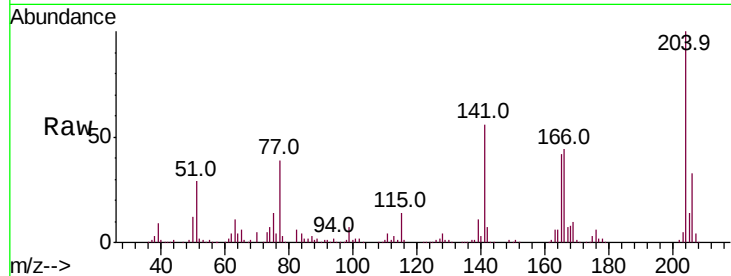
Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





#61
 4-Chlorophenyl-phenylether
 Concen: 41.989 ng
 RT: 15.76 min Scan# 2122
 Delta R.T. -0.02 min
 Lab File: BG037887.D
 Acq: 8 Nov 2018 16:01

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.6	39.8
141	55.7	45.4	68.2

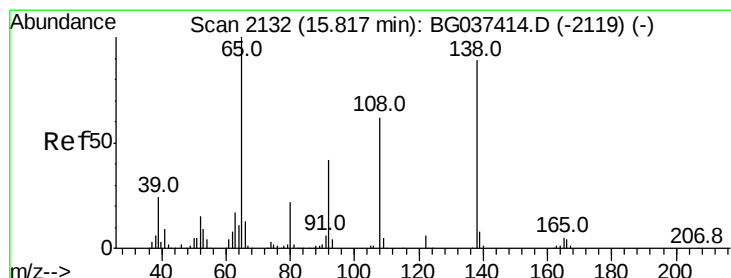
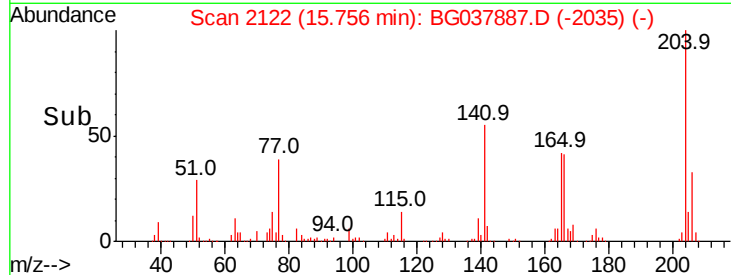
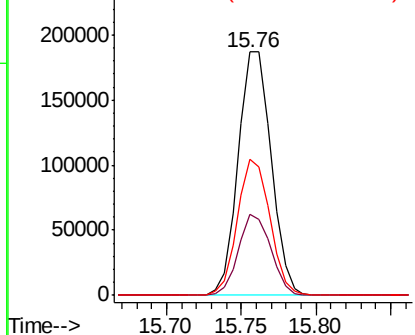


Abundance

Ion 204.00 (203.70 to 204.70): E

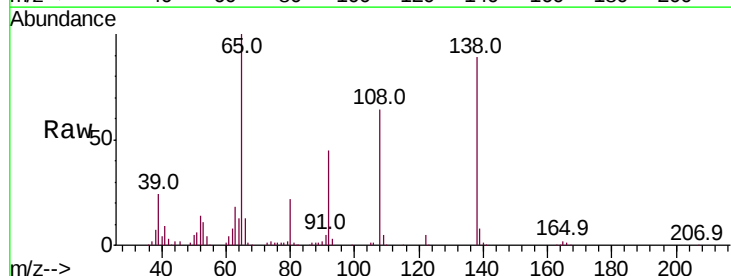
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 43.278 ng
 RT: 15.81 min Scan# 2131
 Delta R.T. -0.01 min
 Lab File: BG037887.D
 Acq: 8 Nov 2018 16:01

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.5	36.4	76.4
108	71.6	60.1	100.1

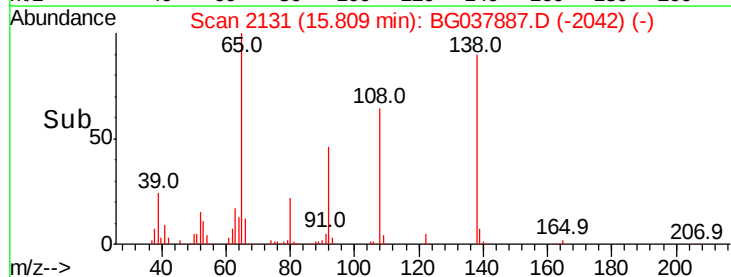
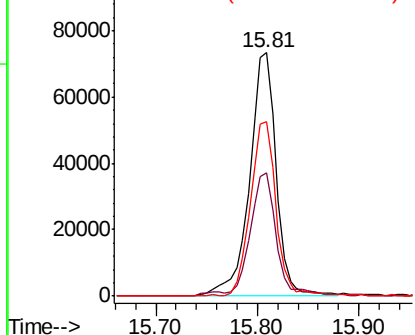


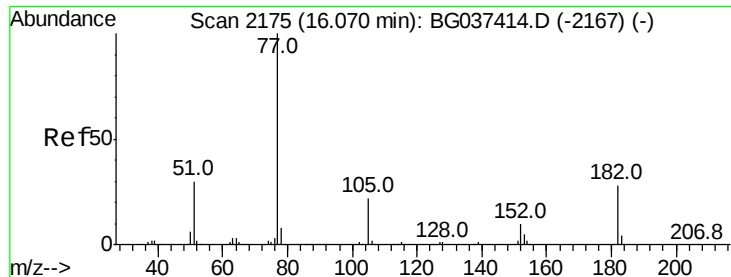
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 42.583 ng

RT: 16.06 min Scan# 2173

Delta R.T. -0.01 min

Lab File: BG037887.D

Acq: 8 Nov 2018 16:01

Tot Ion: 77 Resp: 528018

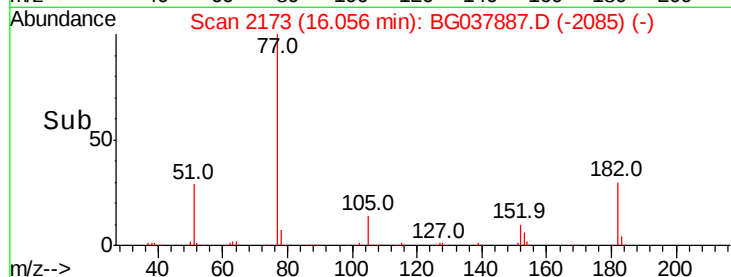
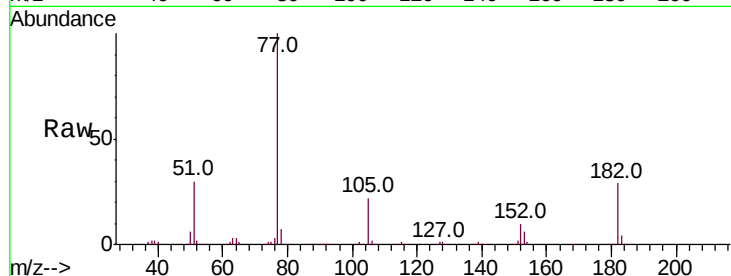
Ion	Ratio	Lower	Upper
77	100		
182	28.9	8.0	48.0
105	21.8	1.3	41.3
51	29.7	10.7	50.7

77 100

182 28.9 8.0 48.0

105 21.8 1.3 41.3

51 29.7 10.7 50.7

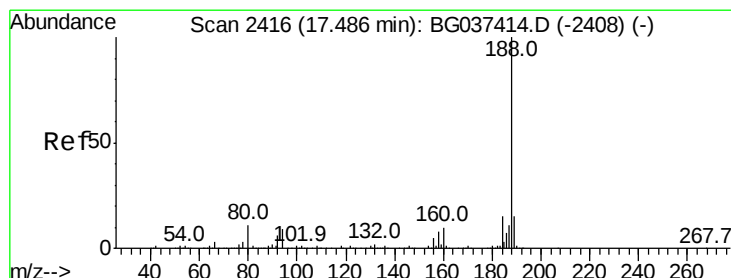
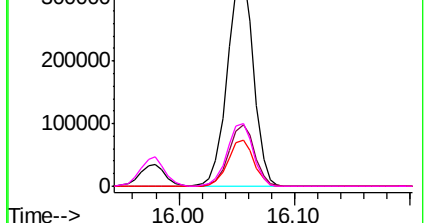


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BG037887.D

Acq: 8 Nov 2018 16:01

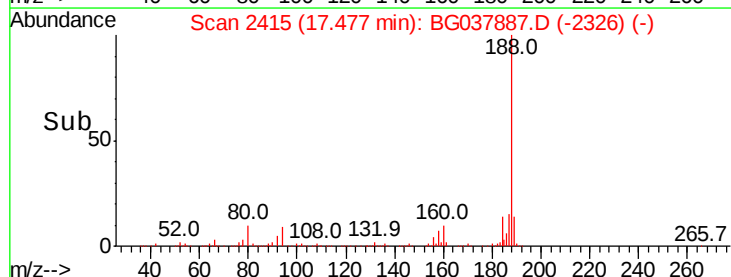
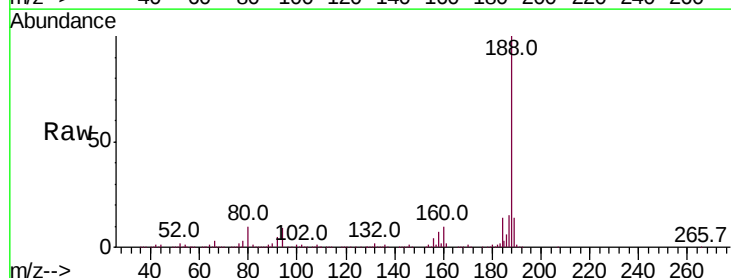
Tgt Ion: 188 Resp: 363730

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.2	10.8
80	10.5	7.7	11.5

188 100

94 9.1 7.2 10.8

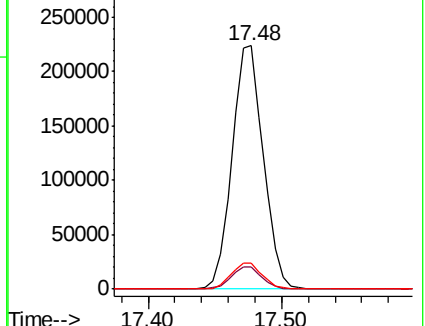
80 10.5 7.7 11.5

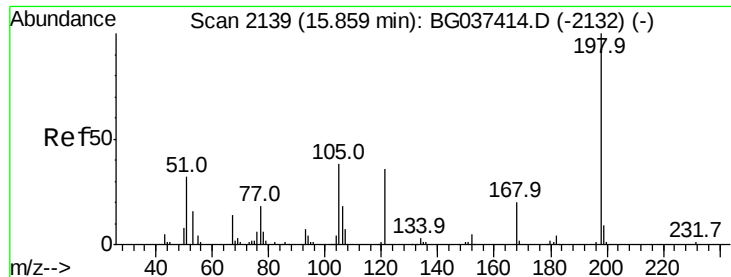


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 48.970 ng

RT: 15.85 min Scan# 2138

Delta R.T. -0.01 min

Lab File: BG037887.D

Acq: 8 Nov 2018 16:01

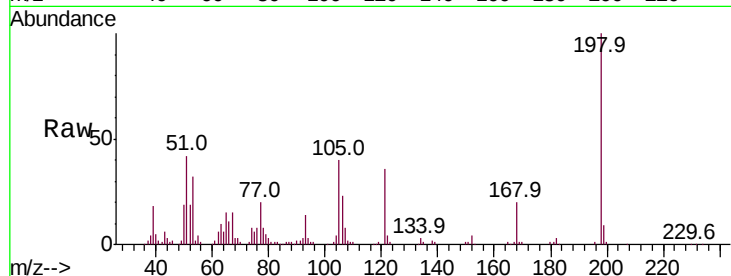
Tot Ion:198 Resp: 93867

Ion	Ratio	Lower	Upper
198	100		
51	41.7	22.7	62.7
105	40.1	19.7	59.7

198 100

51 41.7 22.7 62.7

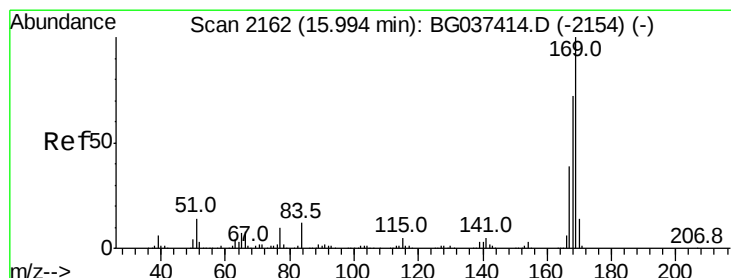
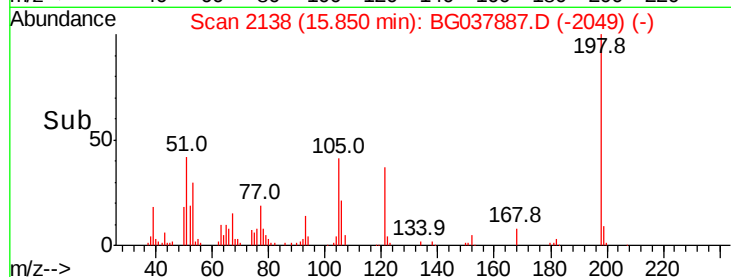
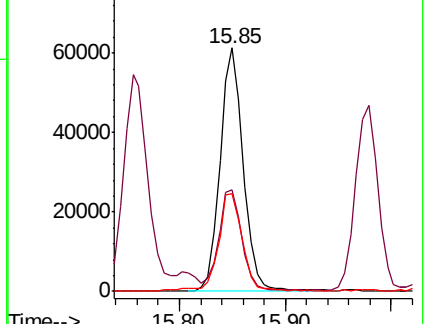
105 40.1 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 44.651 ng

RT: 15.98 min Scan# 2160

Delta R.T. -0.01 min

Lab File: BG037887.D

Acq: 8 Nov 2018 16:01

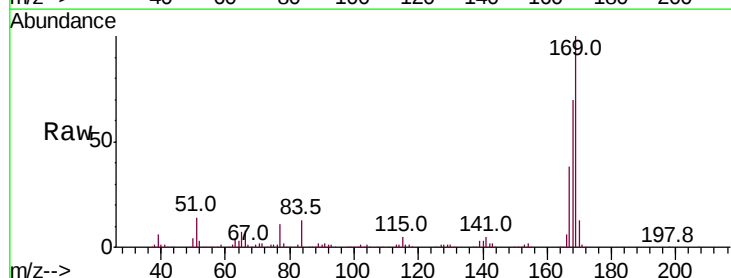
Tgt Ion:169 Resp: 488533

Ion	Ratio	Lower	Upper
169	100		
168	70.2	55.7	83.5
167	38.2	31.3	46.9

169 100

168 70.2 55.7 83.5

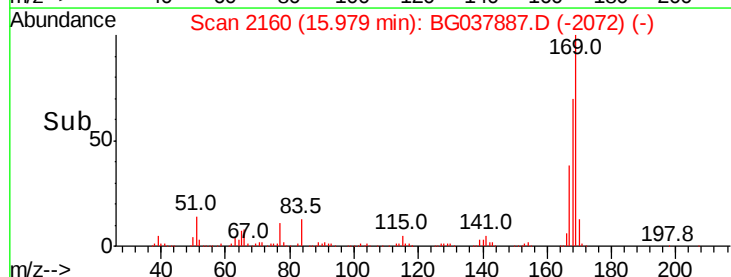
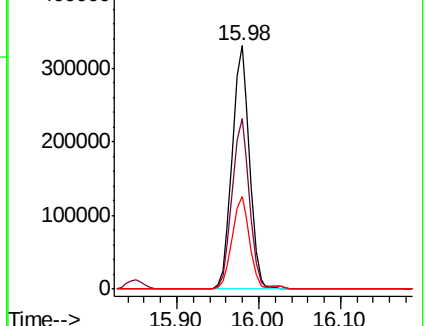
167 38.2 31.3 46.9

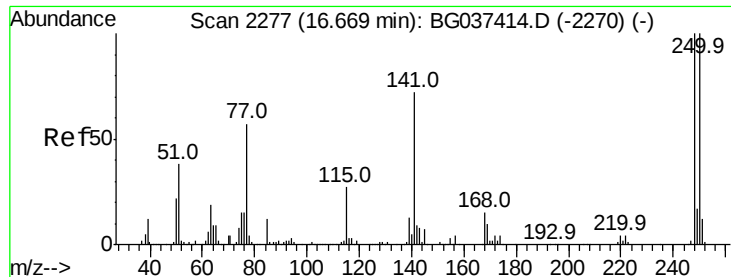


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

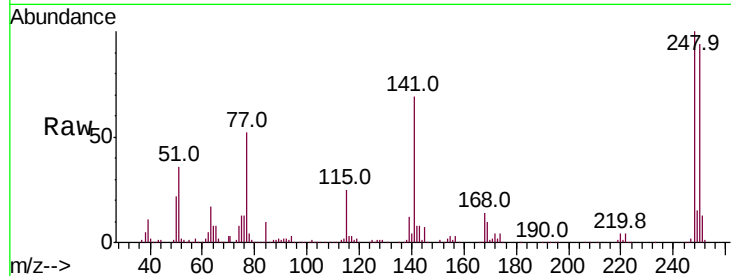
Ion 167.00 (166.70 to 167.70): E





#67
 4-Bromophenyl-phenylether
 Concen: 44.260 ng
 RT: 16.65 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BG037887.D
 Acq: 8 Nov 2018 16:01

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.0	77.0	115.6
141	69.3	55.5	83.3

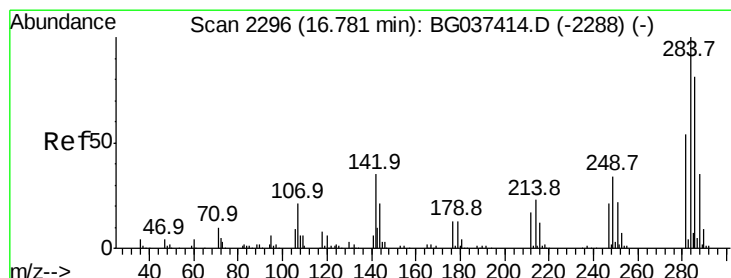
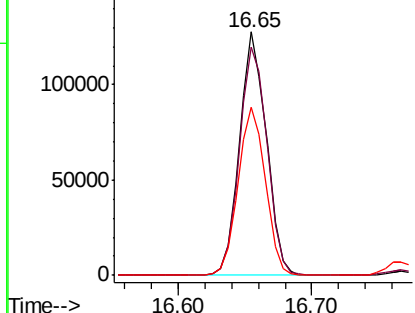
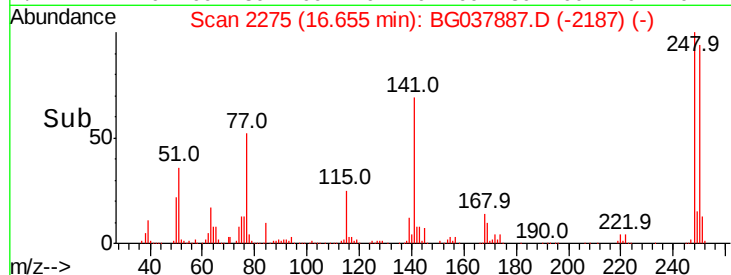


Abundance

Ion 248.00 (247.70 to 248.70): E

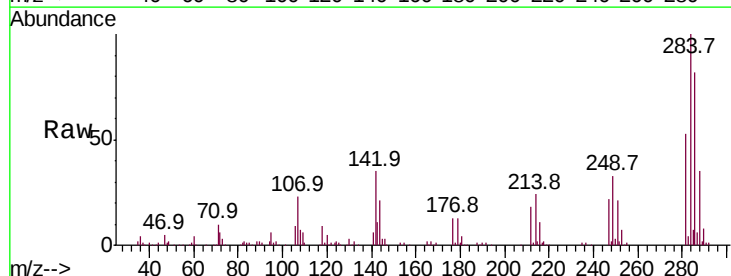
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 42.746 ng
 RT: 16.77 min Scan# 2294
 Delta R.T. -0.01 min
 Lab File: BG037887.D
 Acq: 8 Nov 2018 16:01

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.7	28.1	42.1
249	36.0	29.8	44.8

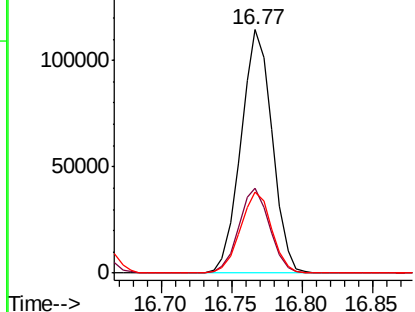
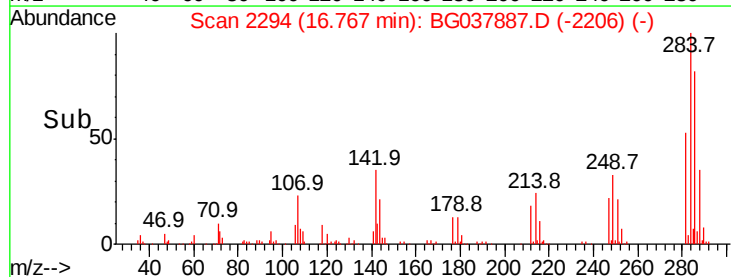


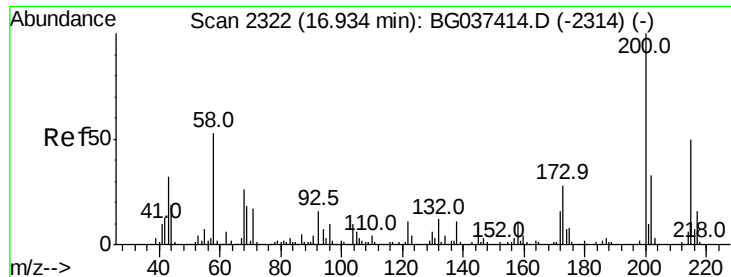
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

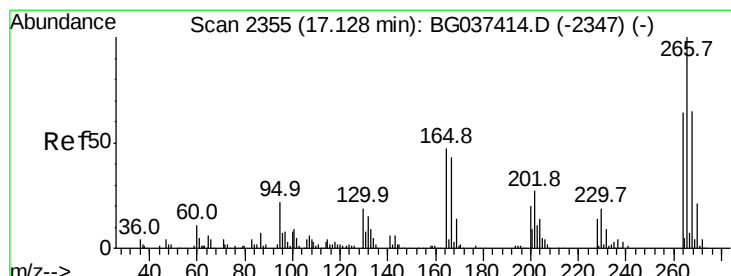
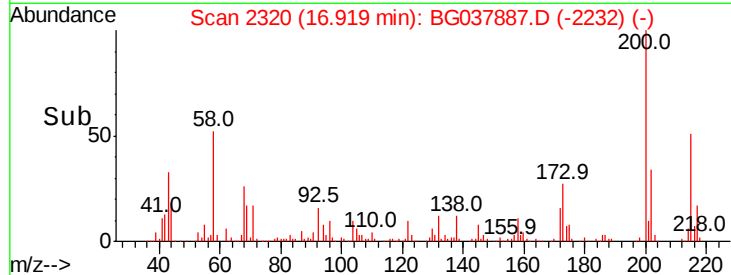
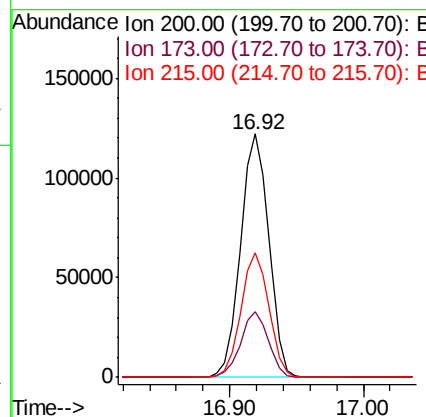
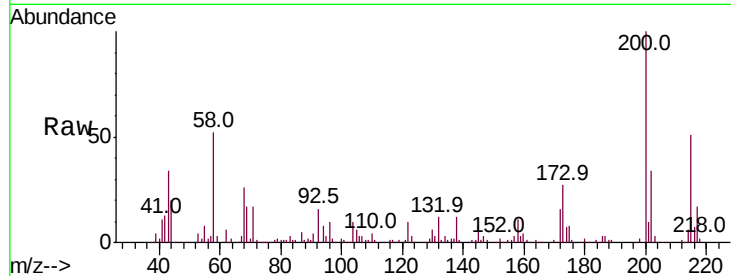
Ion 249.00 (248.70 to 249.70): E





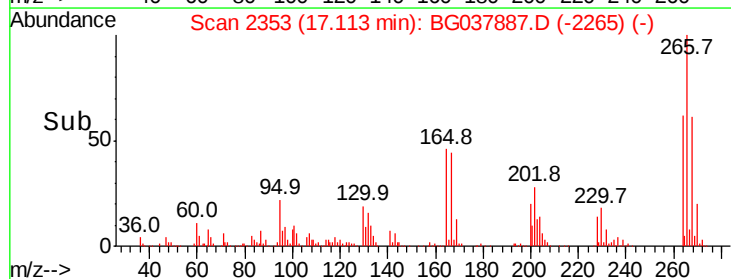
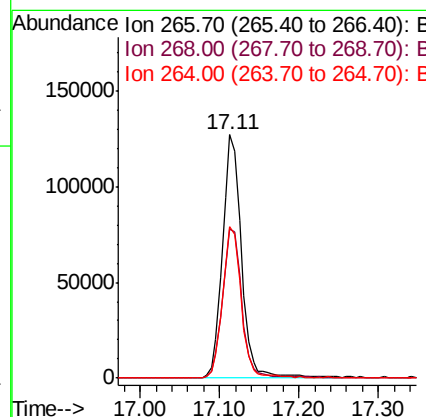
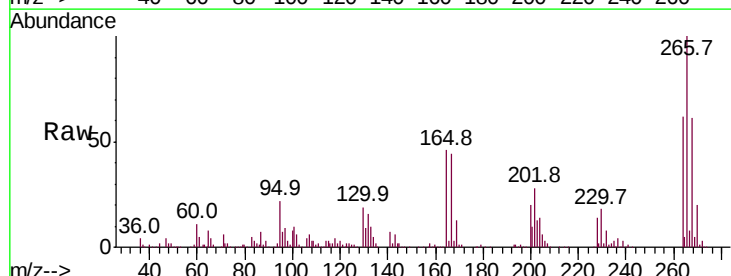
#69
 Atrazine
 Concen: 45.117 ng
 RT: 16.92 min Scan# 2320
 Delta R.T. -0.01 min
 Lab File: BG037887.D
 Acq: 8 Nov 2018 16:01

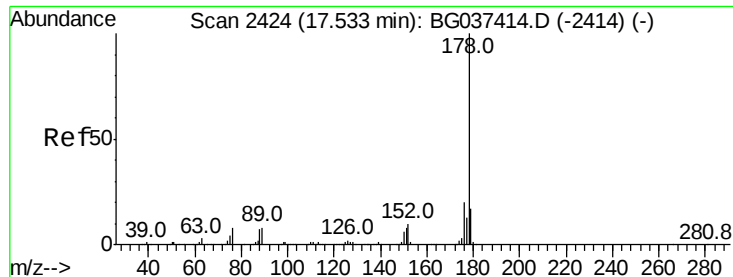
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.1	6.1	46.1
215	51.0	30.8	70.8



#70
 Pentachlorophenol
 Concen: 76.365 ng
 RT: 17.11 min Scan# 2353
 Delta R.T. -0.01 min
 Lab File: BG037887.D
 Acq: 8 Nov 2018 16:01

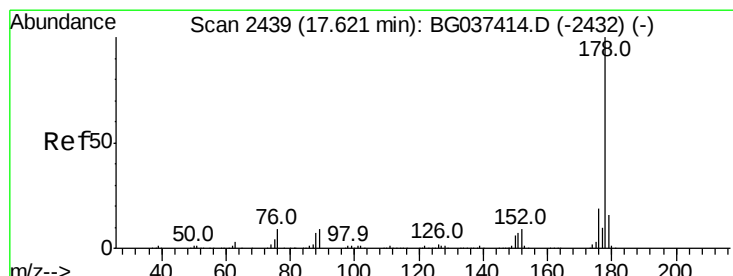
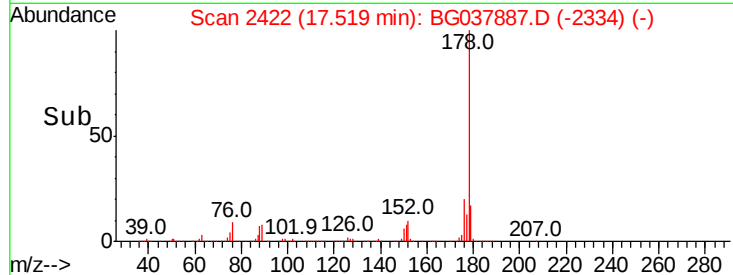
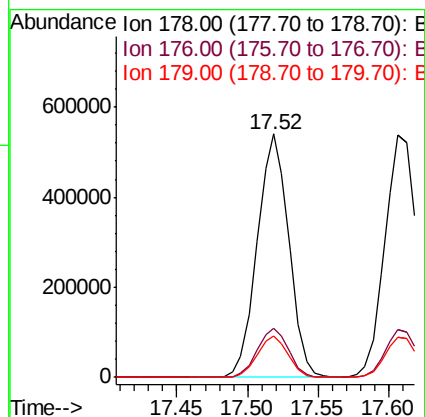
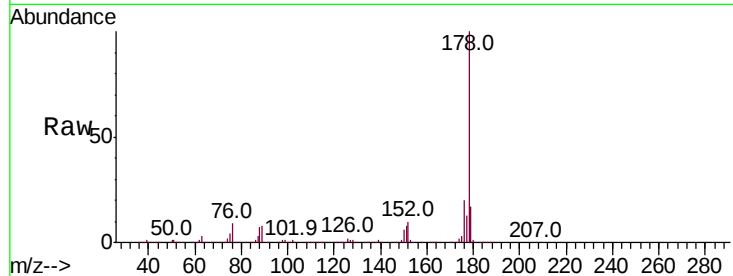
Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.0	55.0	82.6
264	67.5	58.9	88.3





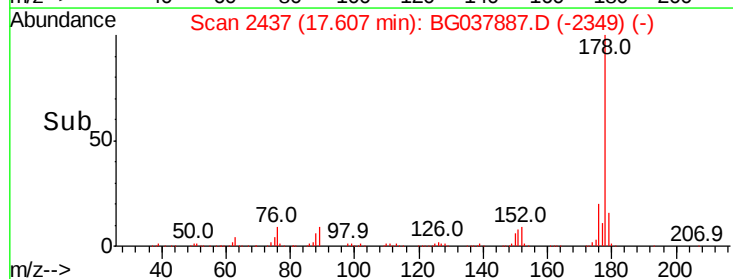
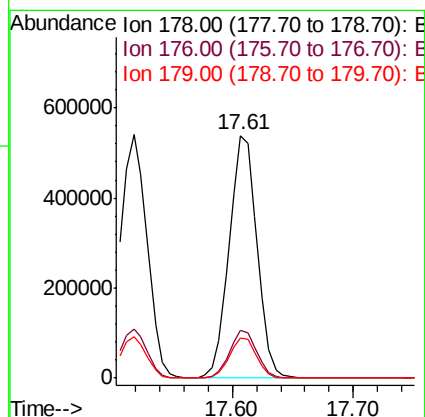
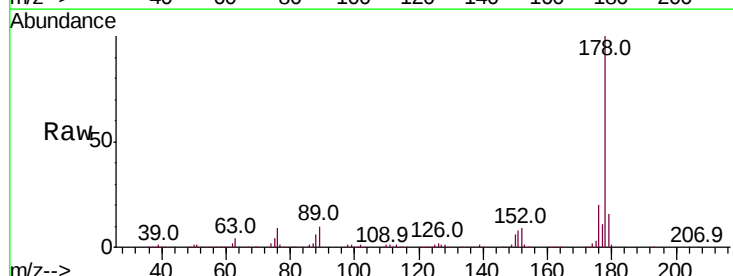
#71
Phenanthrene
Concen: 45.921 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG037887.D
Acq: 8 Nov 2018 16:01

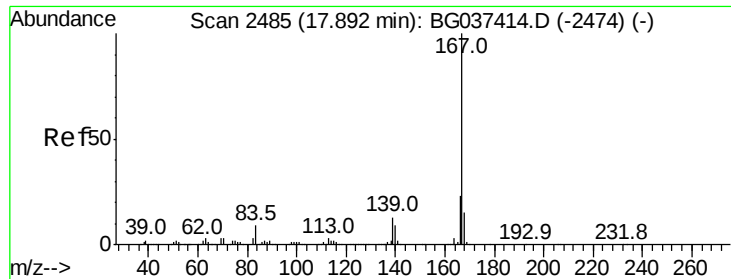
Tot Ion:178 Resp: 848889
Ion Ratio Lower Upper
178 100
176 20.2 16.1 24.1
179 16.8 13.0 19.4



#72
Anthracene
Concen: 47.372 ng
RT: 17.61 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG037887.D
Acq: 8 Nov 2018 16:01

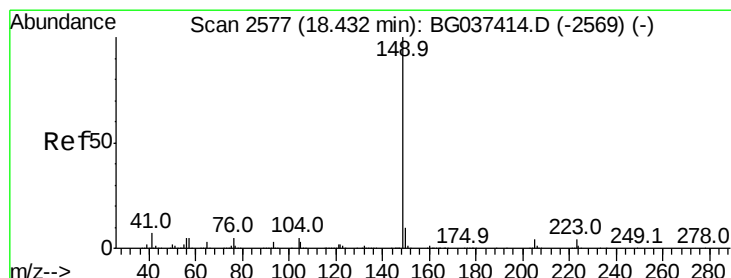
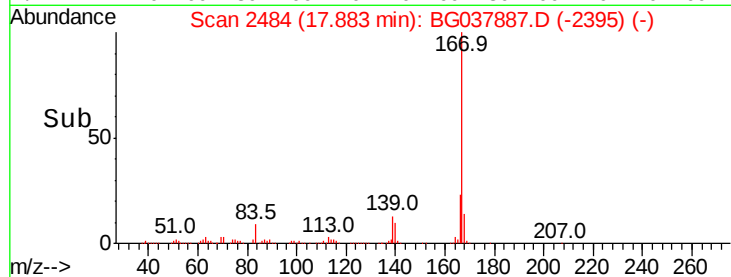
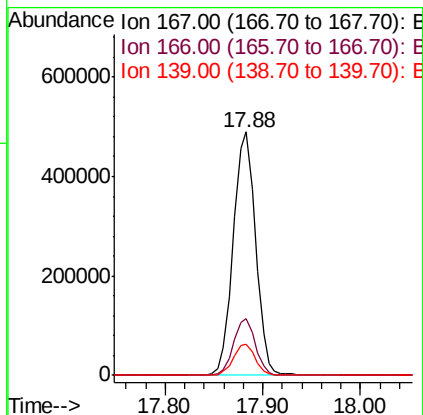
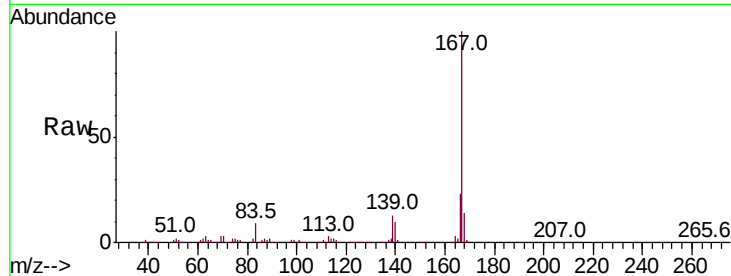
Tgt Ion:178 Resp: 859387
Ion Ratio Lower Upper
178 100
176 19.7 15.0 22.4
179 16.5 12.8 19.2





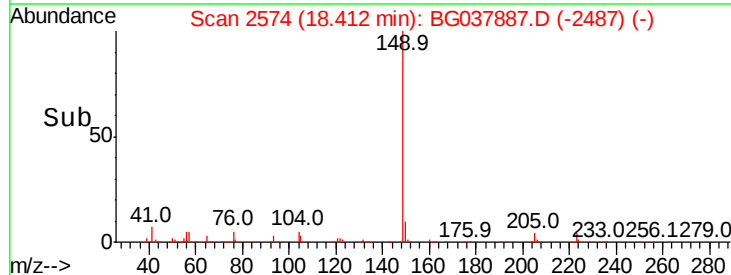
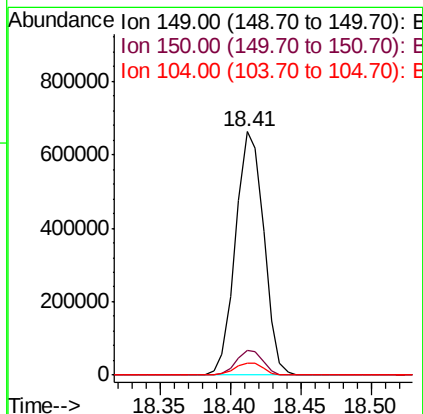
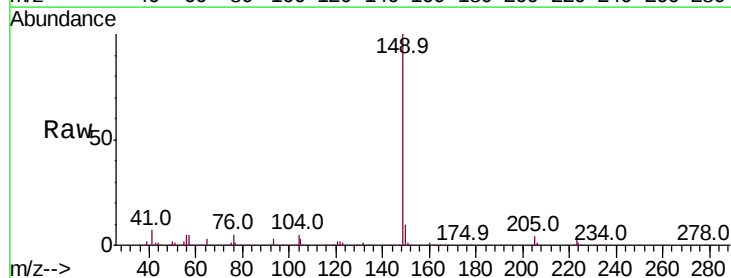
#73
 Carbazole
 Concen: 43.082 ng
 RT: 17.88 min Scan# 2484
 Delta R.T. -0.01 min
 Lab File: BG037887.D
 Acq: 8 Nov 2018 16:01

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.1	18.3	27.5
139	12.7	10.5	15.7



#74
 Di-n-butylphthalate
 Concen: 45.833 ng
 RT: 18.41 min Scan# 2574
 Delta R.T. -0.02 min
 Lab File: BG037887.D
 Acq: 8 Nov 2018 16:01

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	8.2	12.2
104	5.1	4.0	6.0





#75

Fluoranthene

Concen: 46.221 ng

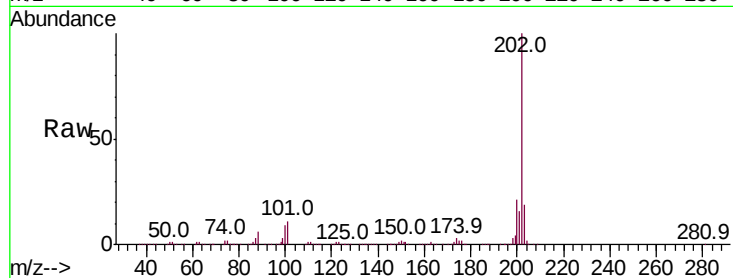
RT: 19.52 min Scan# 2763

Delta R.T. -0.01 min

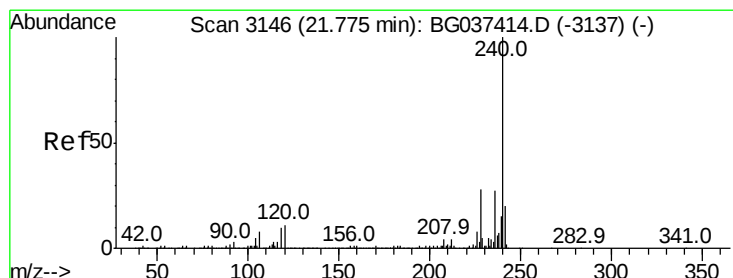
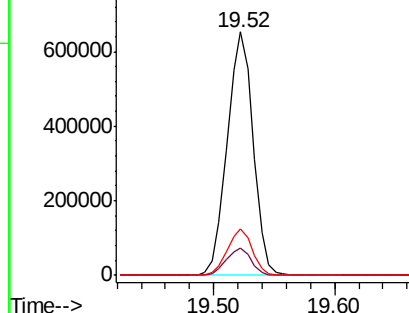
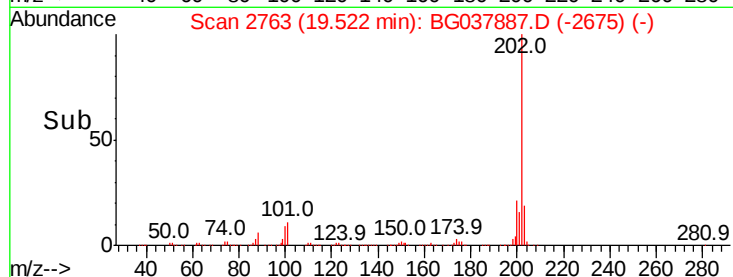
Lab File: BG037887.D

Acq: 8 Nov 2018 16:01

Tot Ion:	202	Resp:	969102
Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	30.7
203	19.1	0.0	38.5



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



#76

Chrysene-d12

Concen: 20.000 ng

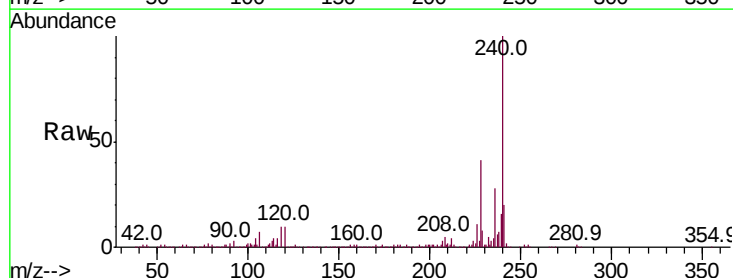
RT: 21.76 min Scan# 3144

Delta R.T. -0.01 min

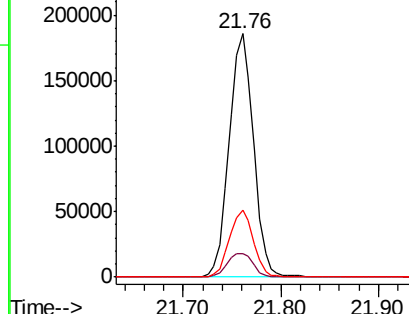
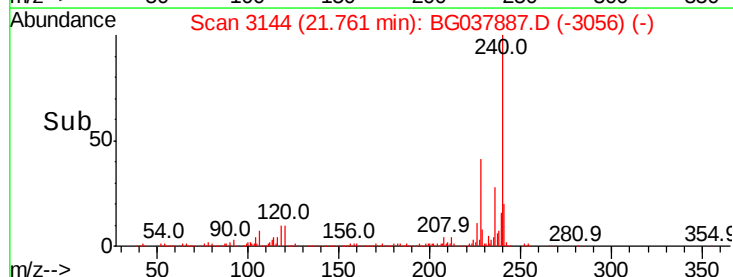
Lab File: BG037887.D

Acq: 8 Nov 2018 16:01

Tgt Ion:	240	Resp:	322308
Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.1	12.1
236	27.5	21.4	32.0



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





#77

Benzidine

Concen: 37.493 ng

RT: 19.70 min Scan# 2794

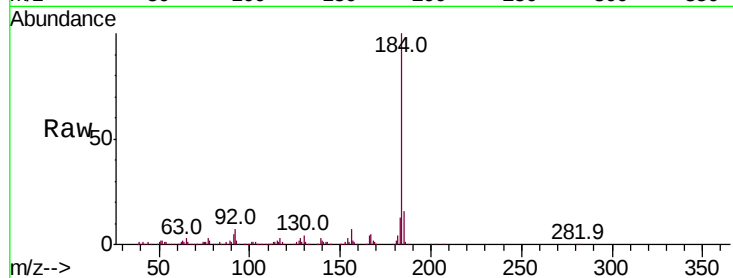
Delta R.T. -0.01 min

Lab File: BG037887.D

Acq: 8 Nov 2018 16:01

Tot Ion:184 Resp: 410900

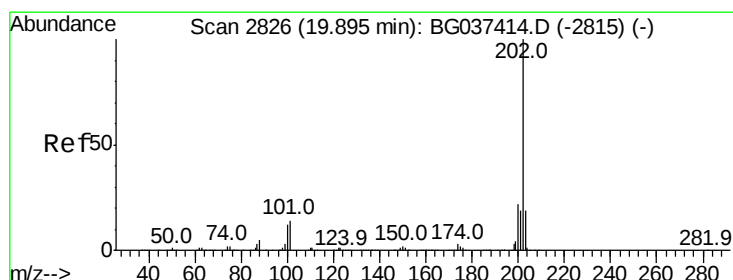
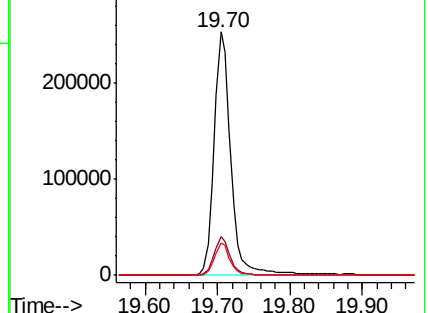
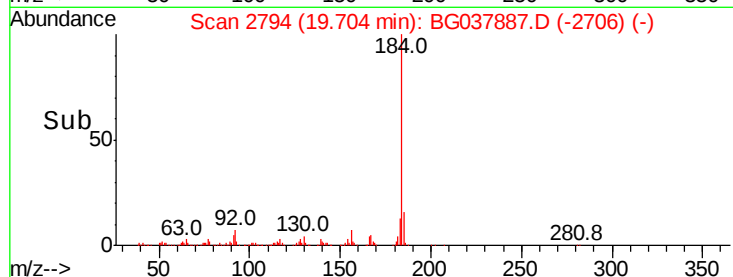
Ion	Ratio	Lower	Upper
184	100		
185	15.8	12.6	18.8
183	13.2	10.2	15.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 45.691 ng

RT: 19.89 min Scan# 2825

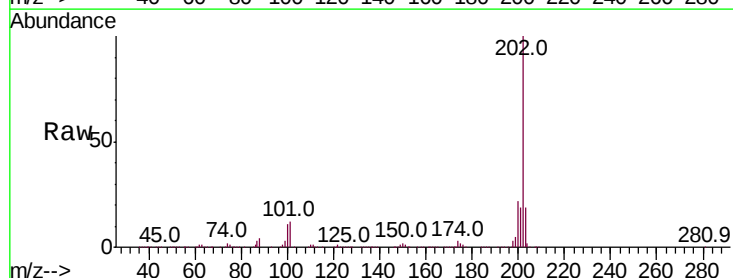
Delta R.T. -0.01 min

Lab File: BG037887.D

Acq: 8 Nov 2018 16:01

Tgt Ion:202 Resp: 962688

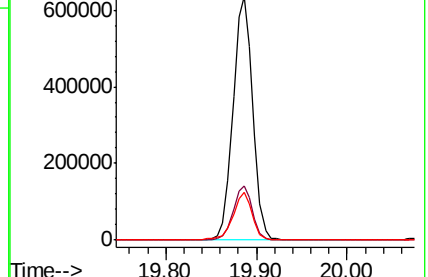
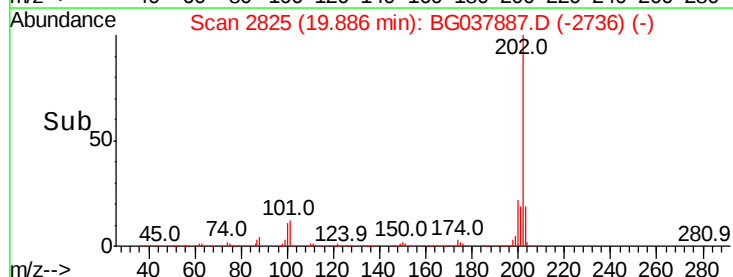
Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.8	26.6
203	19.4	15.2	22.8

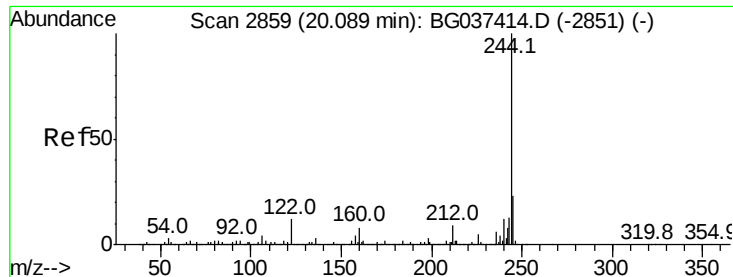


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.604 ng

RT: 20.07 min Scan# 2857

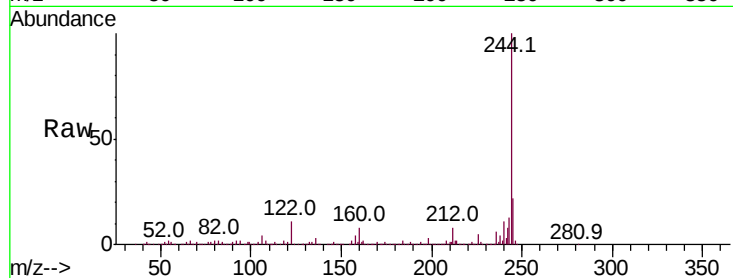
Delta R.T. -0.01 min

Lab File: BG037887.D

Acq: 8 Nov 2018 16:01

Tot Ion:244 Resp: 1140401

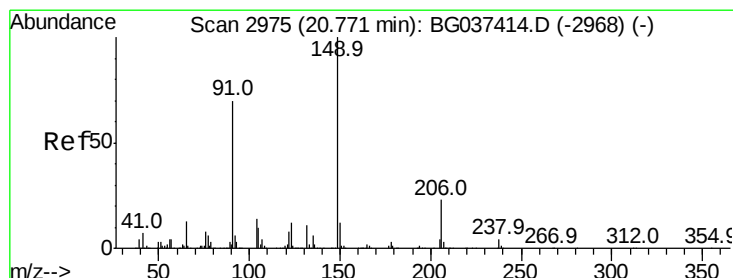
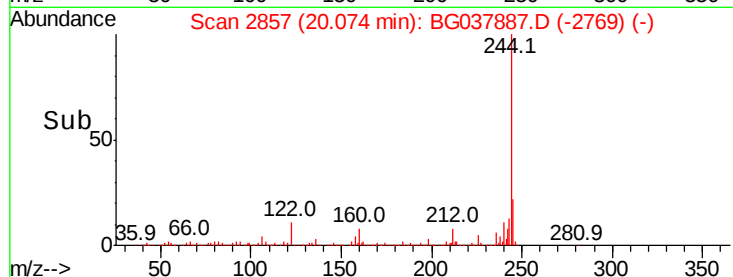
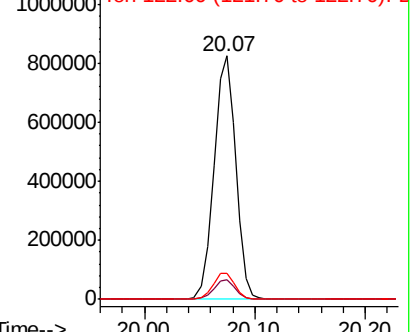
Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.5	9.7
122	10.5	9.0	13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 48.506 ng

RT: 20.76 min Scan# 2973

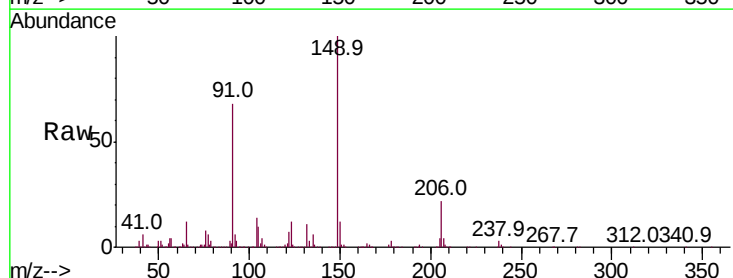
Delta R.T. -0.01 min

Lab File: BG037887.D

Acq: 8 Nov 2018 16:01

Tgt Ion:149 Resp: 418269

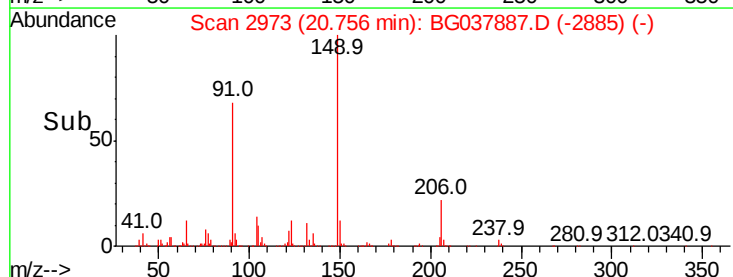
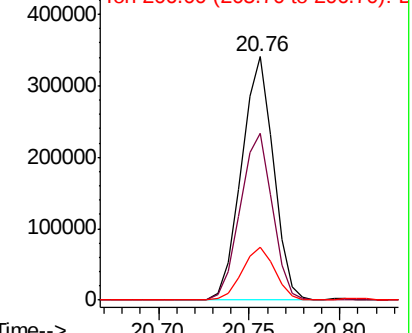
Ion	Ratio	Lower	Upper
149	100		
91	68.4	57.0	85.4
206	21.6	17.8	26.6

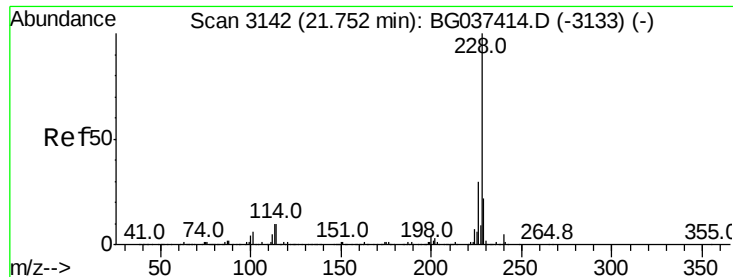


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

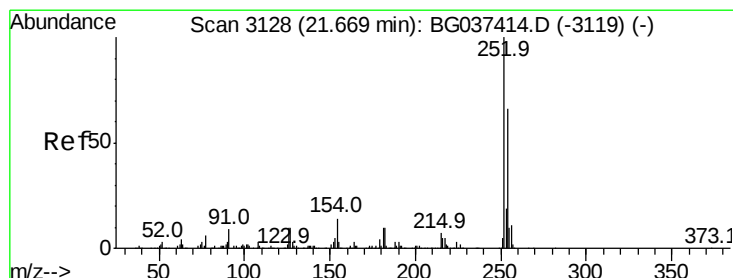
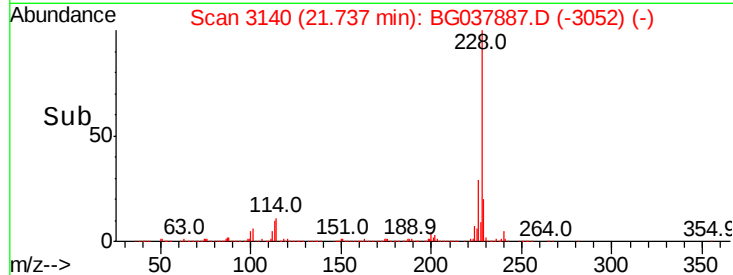
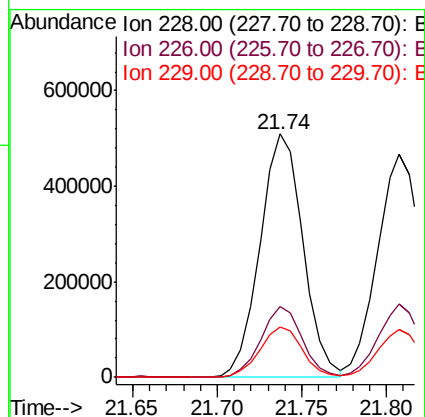
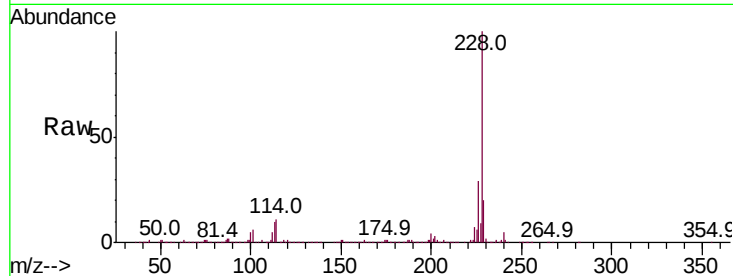
Ion 206.00 (205.70 to 206.70): E





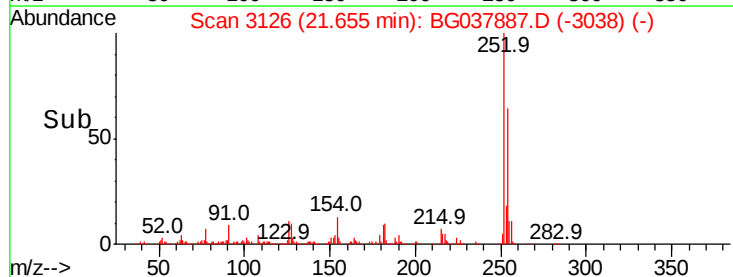
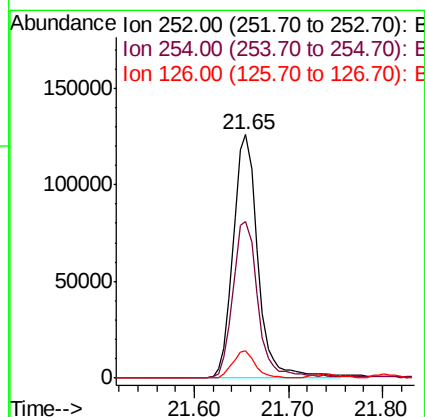
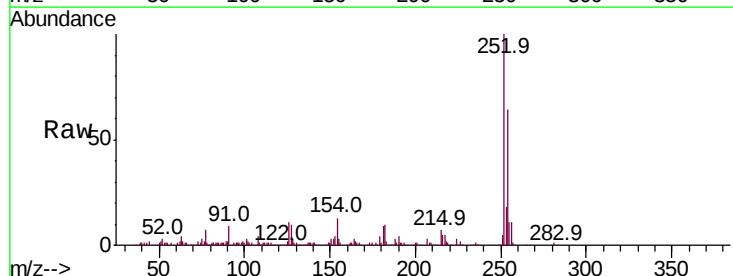
#81
Benzo(a)anthracene
Concen: 47.219 ng
RT: 21.74 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG037887.D
Acq: 8 Nov 2018 16:01

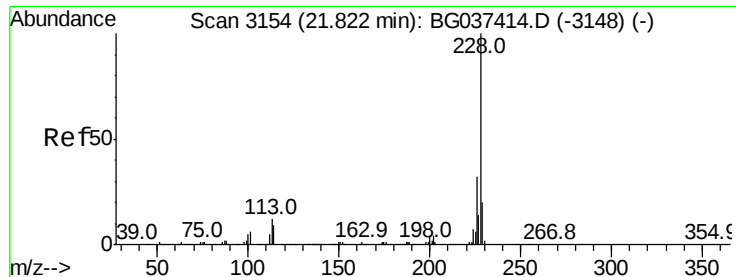
Tot	Ion:228	Resp:	900192
Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.6	33.8
229	20.5	16.3	24.5



#82
3,3'-Dichlorobenzidine
Concen: 31.258 ng
RT: 21.65 min Scan# 3126
Delta R.T. -0.01 min
Lab File: BG037887.D
Acq: 8 Nov 2018 16:01

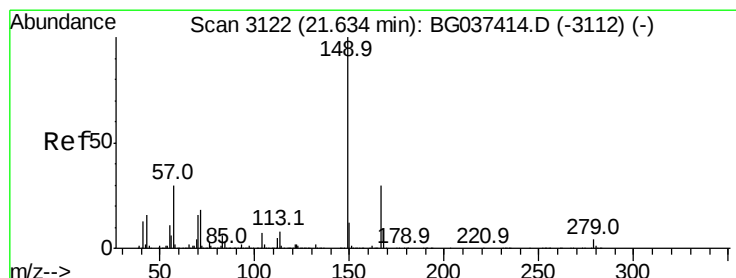
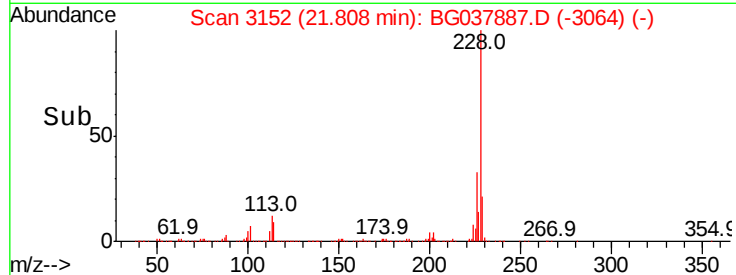
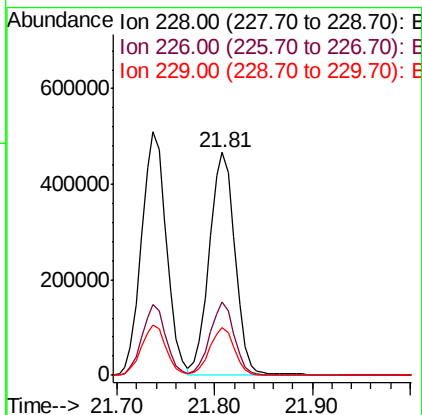
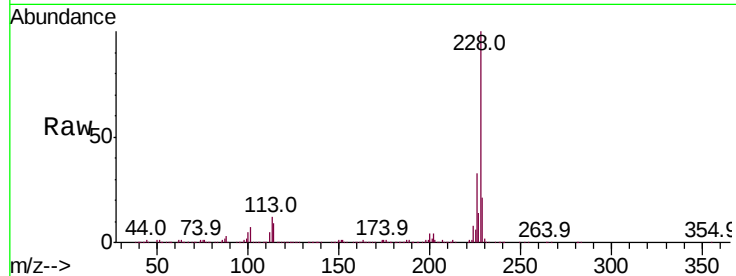
Tgt	Ion:252	Resp:	230981
Ion	Ratio	Lower	Upper
252	100		
254	64.3	52.0	78.0
126	11.1	8.2	12.4





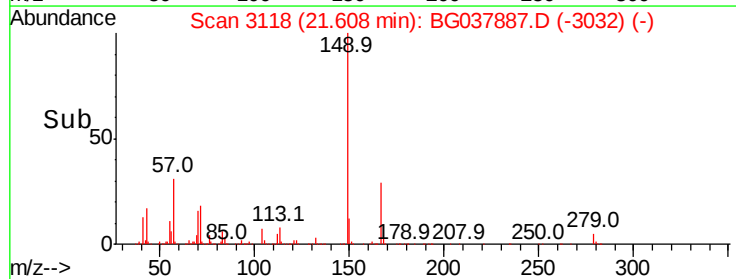
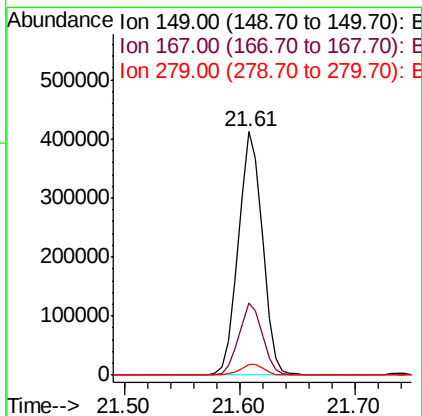
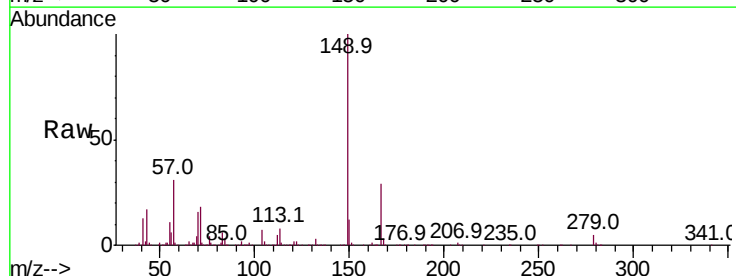
#83
 Chrysene
 Concen: 46.172 ng
 RT: 21.81 min Scan# 3152
 Delta R.T. -0.01 min
 Lab File: BG037887.D
 Acq: 8 Nov 2018 16:01

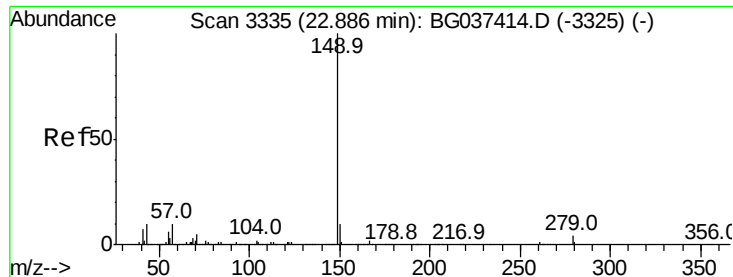
Tot	Ion:228	Resp:	846406
Ion	Ratio	Lower	Upper
228	100		
226	32.8	25.7	38.5
229	21.2	16.5	24.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 49.391 ng
 RT: 21.61 min Scan# 3118
 Delta R.T. -0.03 min
 Lab File: BG037887.D
 Acq: 8 Nov 2018 16:01

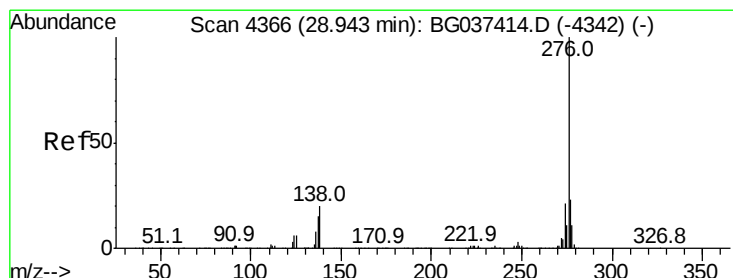
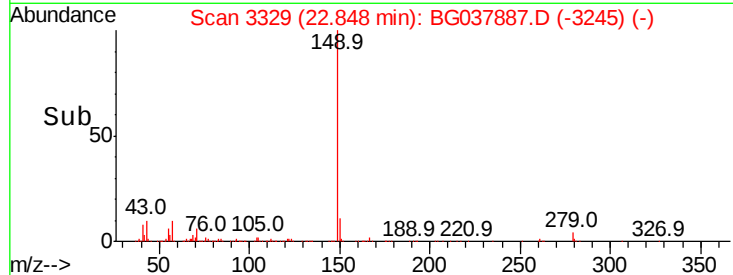
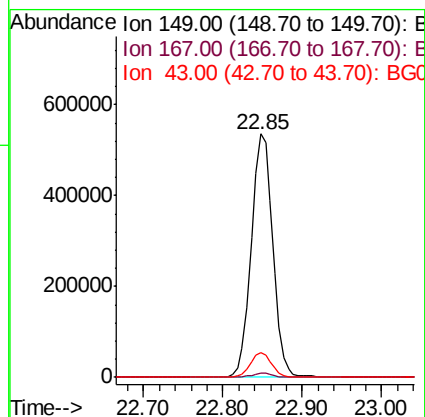
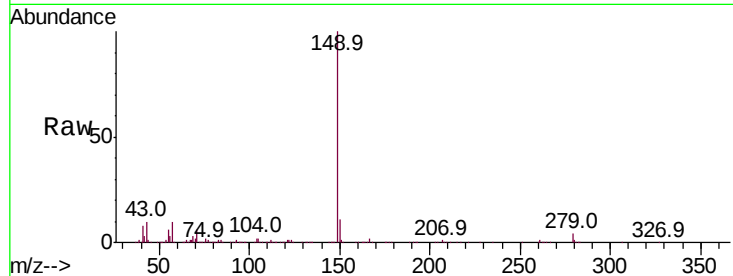
Tgt	Ion:149	Resp:	596987
Ion	Ratio	Lower	Upper
149	100		
167	29.5	23.0	34.4
279	4.6	3.6	5.4





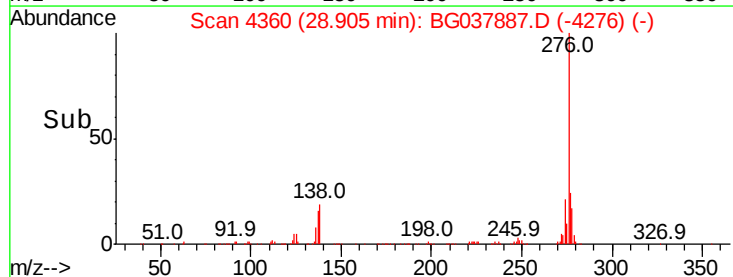
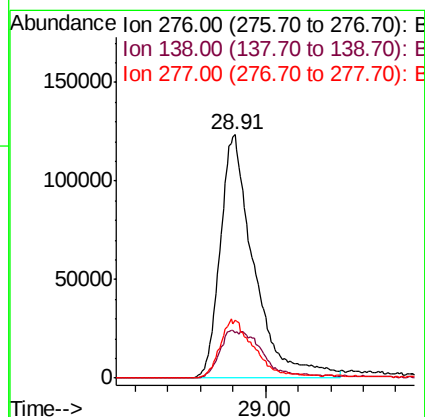
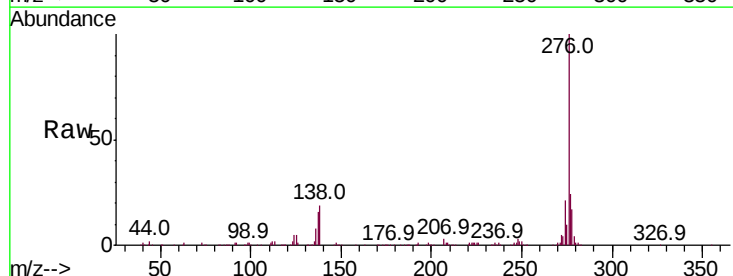
#85
Di-n-octyl phthalate
Concen: 51.374 ng
RT: 22.85 min Scan# 3329
Delta R.T. -0.04 min
Lab File: BG037887.D
Acq: 8 Nov 2018 16:01

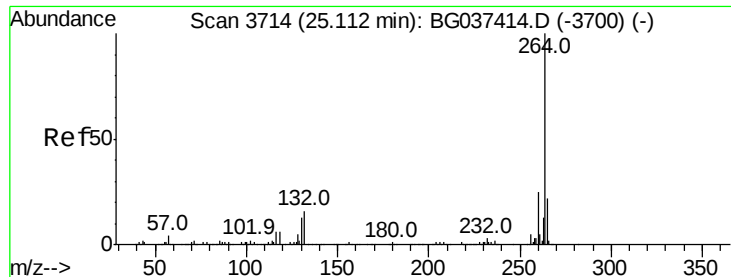
Tot Ion:149 Resp: 1012583
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 9.9 8.7 13.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 45.315 ng
RT: 28.91 min Scan# 4360
Delta R.T. -0.04 min
Lab File: BG037887.D
Acq: 8 Nov 2018 16:01

Tgt Ion:276 Resp: 890978
Ion Ratio Lower Upper
276 100
138 10.9 12.0 18.0#
277 9.6 20.6 30.8#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.09 min Scan# 3710

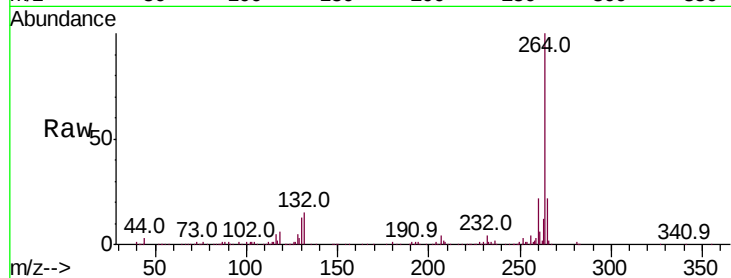
Delta R.T. -0.03 min

Lab File: BG037887.D

Acq: 8 Nov 2018 16:01

Tot Ion:264 Resp: 337653

Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.2	27.4
265	22.0	17.9	26.9

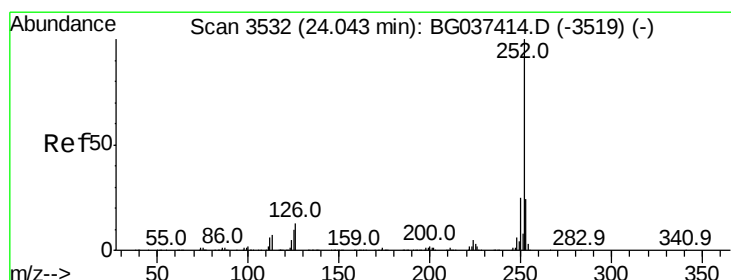
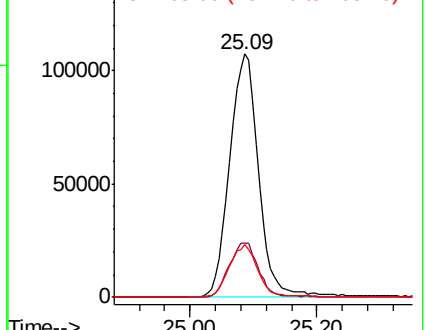
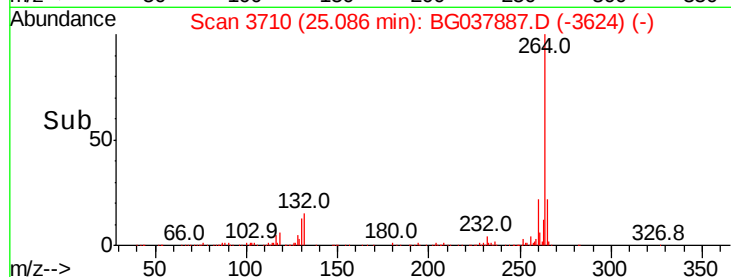


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 48.281 ng

RT: 24.02 min Scan# 3529

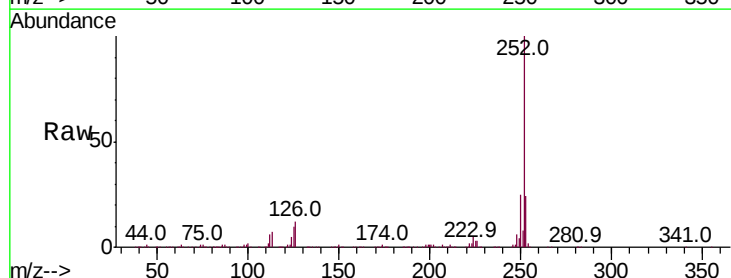
Delta R.T. -0.02 min

Lab File: BG037887.D

Acq: 8 Nov 2018 16:01

Tgt Ion:252 Resp: 893750

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.2	27.2
125	9.7	7.8	11.6

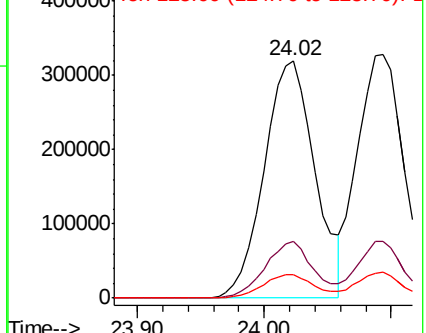
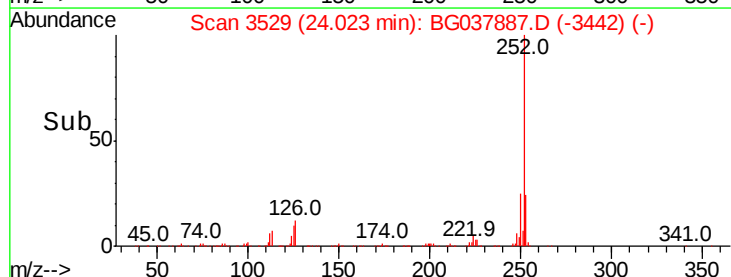


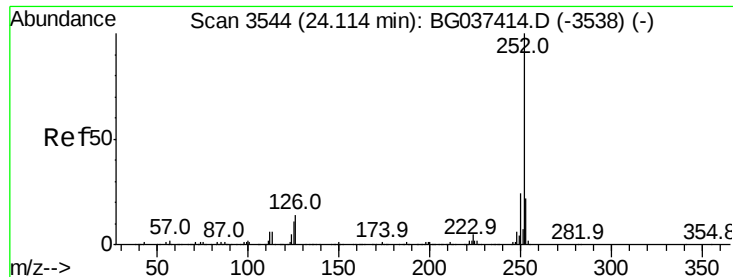
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 47.190 ng

RT: 24.09 min Scan# 3541

Delta R.T. -0.02 min

Lab File: BG037887.D

Acq: 8 Nov 2018 16:01

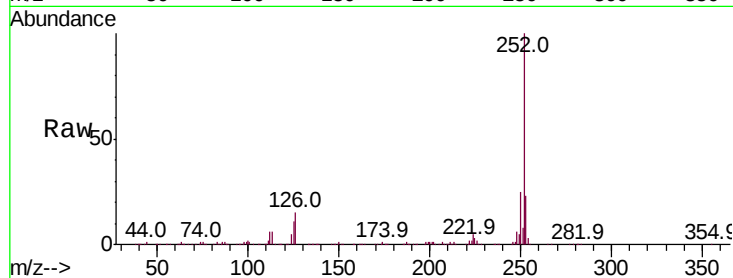
Tot Ion:252 Resp: 855851

Ion Ratio Lower Upper

252 100

253 23.2 17.4 26.2

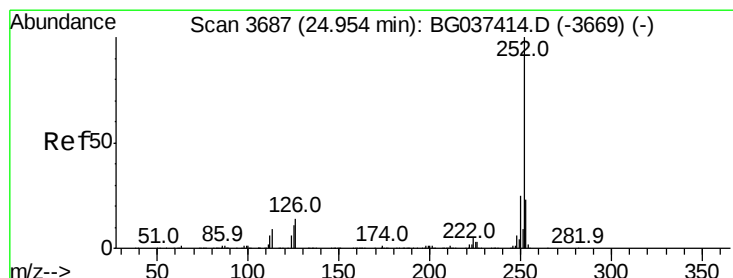
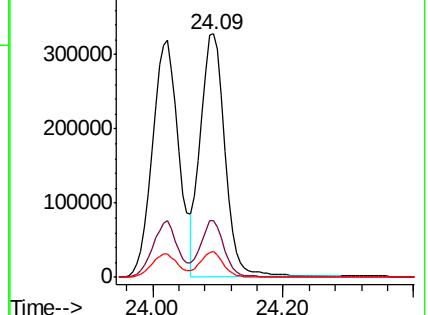
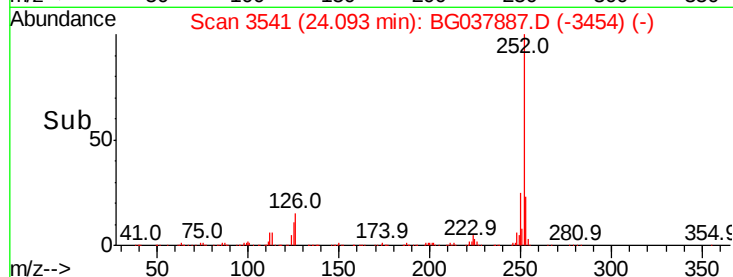
125 10.6 7.4 11.0



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

Benzo(a)pyrene

Concen: 48.831 ng

RT: 24.93 min Scan# 3683

Delta R.T. -0.03 min

Lab File: BG037887.D

Acq: 8 Nov 2018 16:01

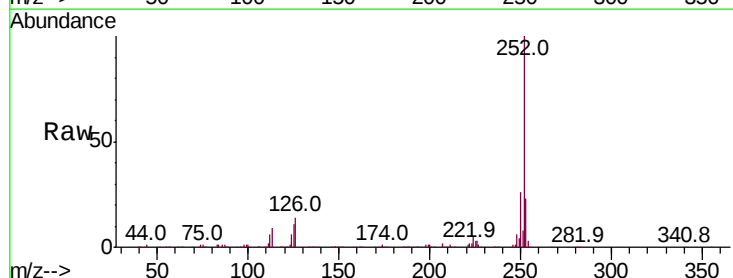
Tgt Ion:252 Resp: 858940

Ion Ratio Lower Upper

252 100

253 23.3 17.4 26.2

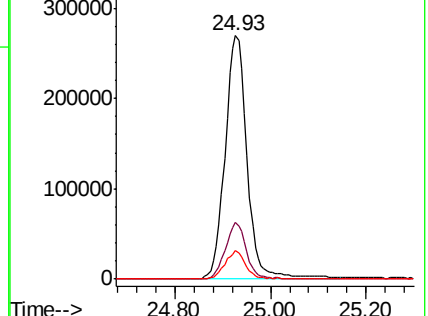
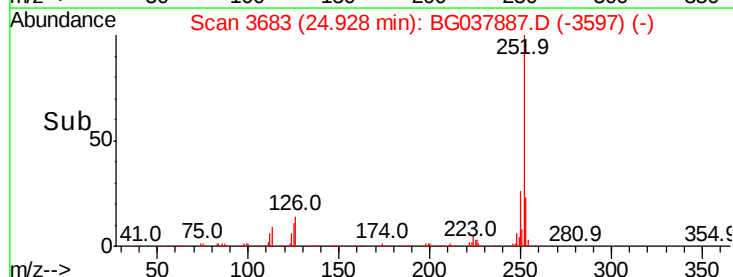
125 11.5 9.0 13.6

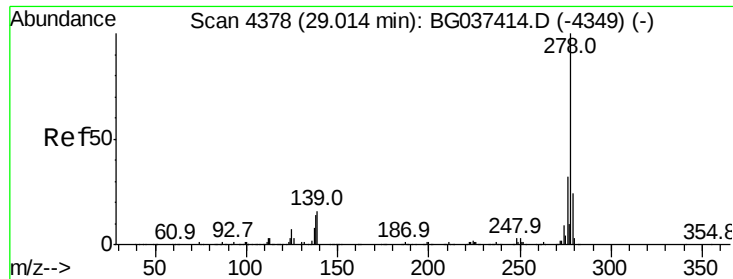


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

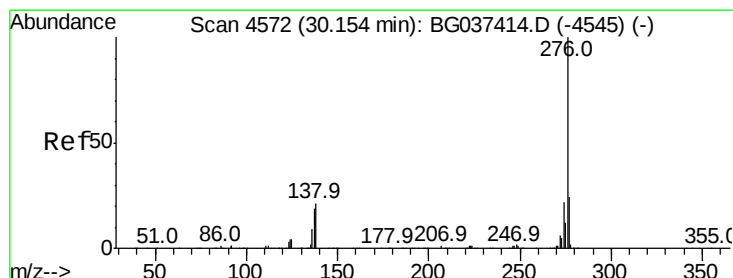
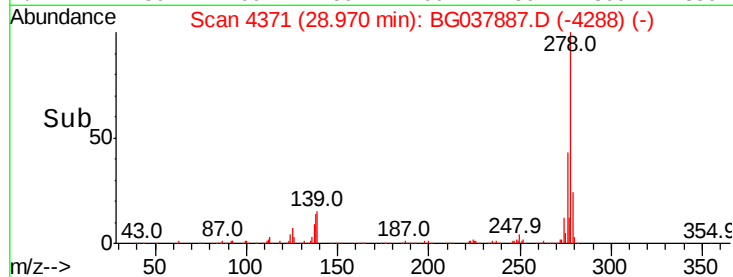
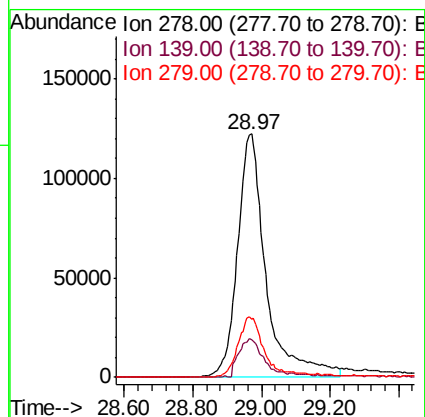
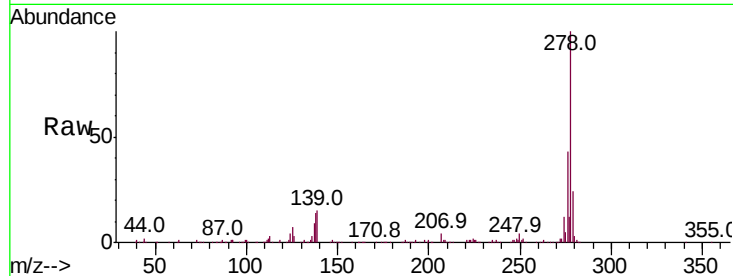
Ion 125.00 (124.70 to 125.70): E





#91
Dibenzo(a,h)anthracene
Concen: 43.627 ng
RT: 28.97 min Scan# 4371
Delta R.T. -0.04 min
Lab File: BG037887.D
Acq: 8 Nov 2018 16:01

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.3	11.5	17.3
279	23.7	18.6	27.8



#92
Benzo(g,h,i)perylene
Concen: 43.582 ng
RT: 30.10 min Scan# 4564
Delta R.T. -0.05 min
Lab File: BG037887.D
Acq: 8 Nov 2018 16:01

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.2	18.9	28.3
138	23.0	17.2	25.8

