

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110118\
 Data File : BG037731.D
 Acq On : 1 Nov 2018 23:05
 Operator : JU/SJ
 Sample : PB114358BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114358BS

Quant Time: Nov 02 07:12:58 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	8.10	152	56677	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	253753	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	169154	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	378518	20.00	ng	0.00
76) Chrysene-d12	21.77	240	304534	20.00	ng	0.00
87) Perylene-d12	25.10	264	310367	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	226766	66.89	ng	0.00
7) Phenol-d6	7.24	99	331898	64.75	ng	0.00
23) Nitrobenzene-d5	9.27	82	290103	64.04	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	124040	67.23	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	717552	63.97	ng	0.00
79) Terphenyl-d14	20.08	244	967069	67.85	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	29618	17.228	ng	97
3) Pyridine	3.93	79	94736	21.863	ng	96
4) n-Nitrosodimethylamine	3.85	42	48622	31.503	ng	99
6) Aniline	7.42	93	82192	13.143	ng	98
8) 2-Chlorophenol	7.66	128	129426	32.635	ng	97
9) Benzaldehyde	7.24	77	92889	28.968	ng	93
10) Phenol	7.27	94	170082	31.446	ng	99
11) bis(2-Chloroethyl)ether	7.52	93	113257	27.571	ng	99
12) 1,3-Dichlorobenzene	7.99	146	126082	28.557	ng	96
13) 1,4-Dichlorobenzene	8.13	146	129902	28.763	ng	96
14) 1,2-Dichlorobenzene	8.46	146	126199	29.049	ng	98
15) Benzyl Alcohol	8.34	79	114950	30.348	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.62	45	218687	29.752	ng	97
17) 2-Methylphenol	8.53	107	116104	32.470	ng	98
18) Hexachloroethane	9.19	117	47057	30.563	ng	96
19) n-Nitroso-di-n-propylamine	8.90	70	97893	27.732	ng	97
20) 3+4-Methylphenols	8.86	107	162660	31.817	ng	97
22) Acetophenone	8.93	105	185191	29.100	ng	# 98
24) Nitrobenzene	9.32	77	145139	30.843	ng	95
25) Isophorone	9.83	82	282091	34.083	ng	99
26) 2-Nitrophenol	10.03	139	71787	33.863	ng	99
27) 2,4-Dimethylphenol	10.07	122	138462	36.581	ng	99
28) bis(2-Chloroethoxy)methane	10.31	93	170582	31.457	ng	98
29) 2,4-Dichlorophenol	10.56	162	141448	33.564	ng	97
30) 1,2,4-Trichlorobenzene	10.78	180	140368	30.628	ng	99
31) Naphthalene	10.97	128	411905	33.048	ng	99
32) Benzoic acid	10.18	122	77653	31.586	ng	96
33) 4-Chloroaniline	11.08	127	63871	10.907	ng	96
34) Hexachlorobutadiene	11.24	225	85451	31.460	ng	97
35) Caprolactam	11.86	113	49727	29.421	ng	98
36) 4-Chloro-3-methylphenol	12.18	107	156030	32.829	ng	99
37) 2-Methylnaphthalene	12.57	142	313177	34.470	ng	99
38) 1-Methylnaphthalene	12.79	142	303156	34.358	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	168778	30.934	ng	98

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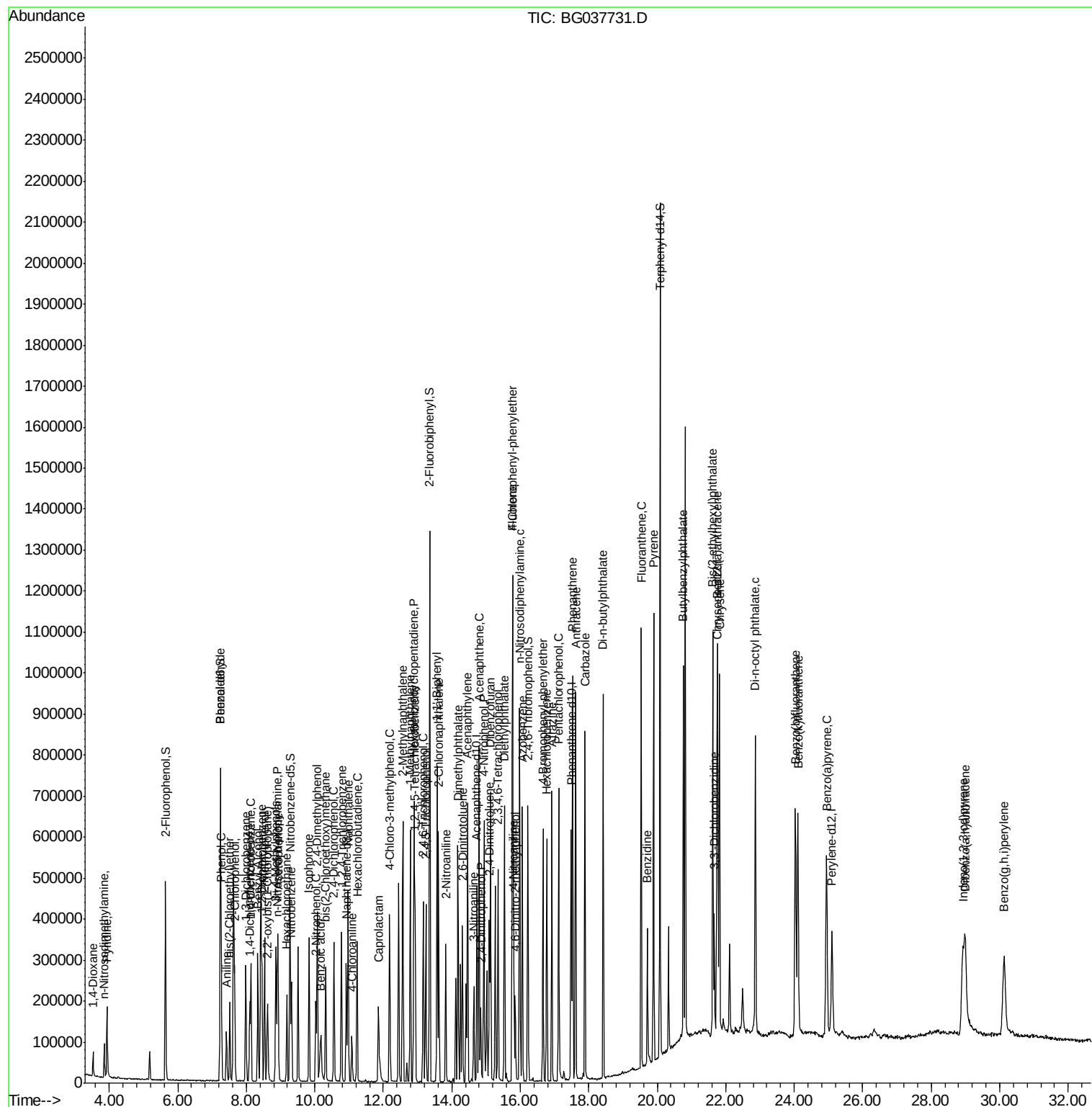
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	207752	79.713	ng	98
43) 2,4,6-Trichlorophenol	13.17	196	119851	32.880	ng	99
44) 2,4,5-Trichlorophenol	13.24	196	133556	33.652	ng	99
46) 1,1'-Biphenyl	13.57	154	413523	29.519	ng	99
47) 2-Chloronaphthalene	13.62	162	327705	30.920	ng	99
48) 2-Nitroaniline	13.82	65	104923	32.646	ng	99
49) Acenaphthylene	14.46	152	532748	33.416	ng	100
50) Dimethylphthalate	14.18	163	411573	31.451	ng	99
51) 2,6-Dinitrotoluene	14.32	165	91286	31.533	ng	94
52) Acenaphthene	14.80	154	310750	31.649	ng	100
53) 3-Nitroaniline	14.64	138	63226	19.674	ng	# 97
54) 2,4-Dinitrophenol	14.84	184	48731	50.587	ng	93
55) Dibenzofuran	15.13	168	500146	30.745	ng	99
56) 4-Nitrophenol	14.94	139	193739	81.444	ng	98
57) 2,4-Dinitrotoluene	15.10	165	127891	33.655	ng	96
58) Fluorene	15.78	166	406523	33.370	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.35	232	115899	34.108	ng	98
60) Diethylphthalate	15.54	149	421083	31.343	ng	99
61) 4-Chlorophenyl-phenylether	15.77	204	213944	30.131	ng	100
62) 4-Nitroaniline	15.81	138	96713	30.285	ng	98
63) Azobenzene	16.06	77	402524	31.402	ng	98
65) 4,6-Dinitro-2-methylphenol	15.86	198	55636	31.553	ng	93
66) n-Nitrosodiphenylamine	15.98	169	365537	32.104	ng	99
67) 4-Bromophenyl-phenylether	16.67	248	131931	31.739	ng	100
68) Hexachlorobenzene	16.77	284	133651	31.023	ng	98
69) Atrazine	16.92	200	135199	32.842	ng	99
70) Pentachlorophenol	17.12	266	149387	51.768	ng	93
71) Phenanthrene	17.52	178	642062	33.376	ng	99
72) Anthracene	17.62	178	656811	34.791	ng	98
73) Carbazole	17.89	167	585057	30.981	ng	99
74) Di-n-butylphthalate	18.42	149	699796	33.312	ng	99
75) Fluoranthene	19.53	202	703584	32.247	ng	99
77) Benzidine	19.71	184	208087	20.095	ng	99
78) Pyrene	19.89	202	688971	34.608	ng	99
80) Butylbenzylphthalate	20.76	149	291994	35.839	ng	97
81) Benzo(a)anthracene	21.75	228	620031	34.421	ng	99
82) 3,3'-Dichlorobenzidine	21.66	252	123523	17.692	ng	96
83) Chrysene	21.82	228	584359	33.738	ng	99
84) Bis(2-ethylhexyl)phthalate	21.62	149	414536	36.298	ng	99
85) Di-n-octyl phthalate	22.86	149	695763	37.361	ng	100
86) Indeno(1,2,3-cd)pyrene	28.92	276	536654	28.887	ng	99
88) Benzo(b)fluoranthene	24.03	252	579807	34.075	ng	99
89) Benzo(k)fluoranthene	24.10	252	572655	34.351	ng	97
90) Benzo(a)pyrene	24.94	252	558578	34.547	ng	99
91) Dibenzo(a,h)anthracene	29.00	278	419096	28.100	ng	99
92) Benzo(g,h,i)perylene	30.13	276	461057	30.556	ng	97

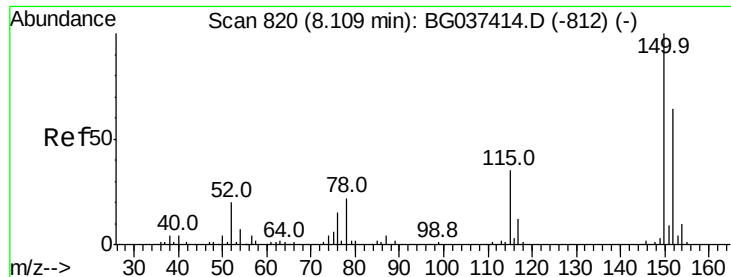
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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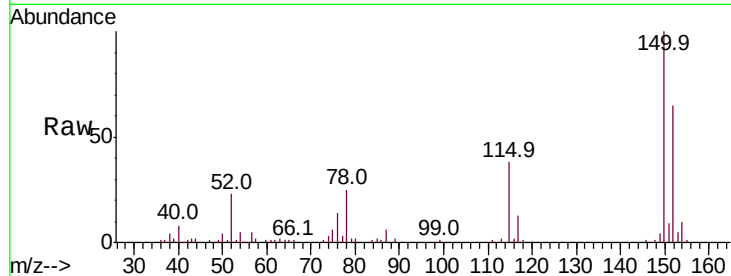


#1

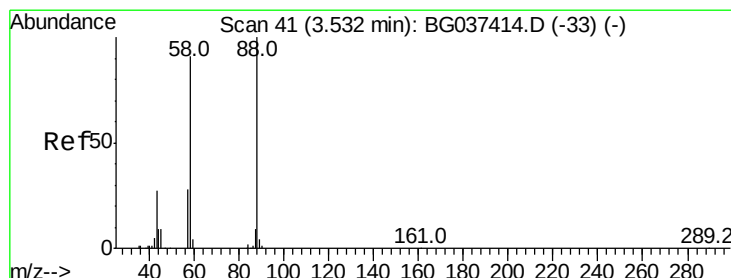
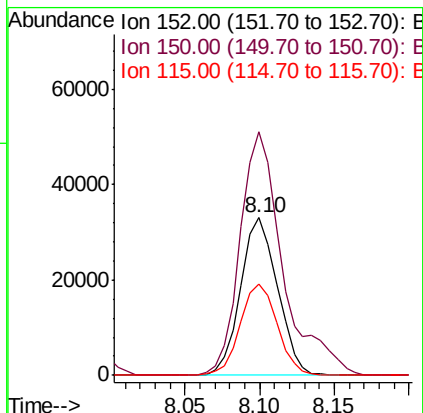
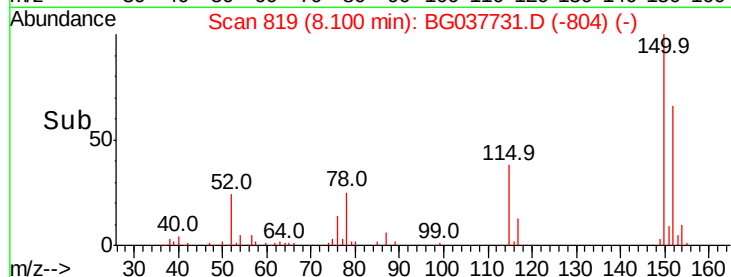
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037731.D
Acq: 1 Nov 2018 23:05

Instrument :
BNA_G
ClientSampleId :
PB114358BS

Tot Ion:152 Resp: 56677
Ion Ratio Lower Upper
152 100
150 154.6 126.0 189.0
115 58.0 45.5 68.3



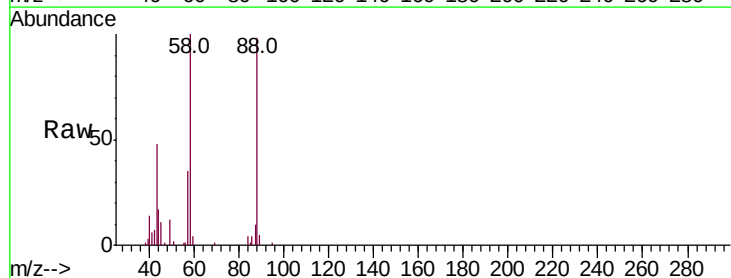
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



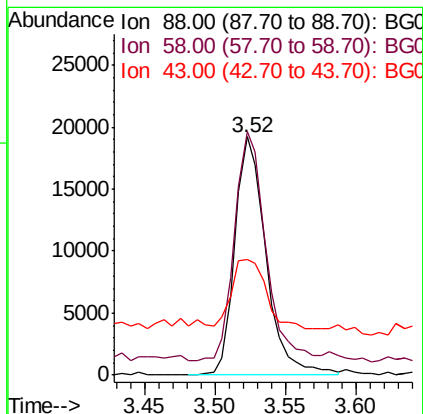
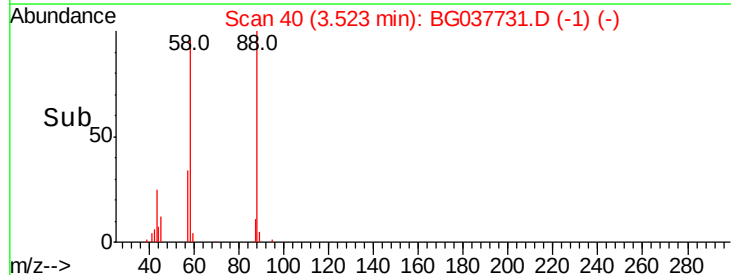
#2

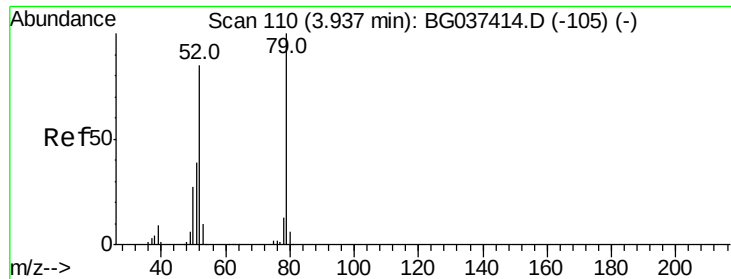
1,4-Dioxane
Concen: 17.228 ng
RT: 3.52 min Scan# 40
Delta R.T. -0.01 min
Lab File: BG037731.D
Acq: 1 Nov 2018 23:05

Tgt Ion: 88 Resp: 29618
Ion Ratio Lower Upper
88 100
58 96.8 74.4 111.6
43 32.2 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: 21.863 ng

RT: 3.93 min Scan# 109

Delta R.T. -0.01 min

Lab File: BG037731.D

Acq: 1 Nov 2018 23:05

Instrument :

BNA_G

ClientSampleId :

PB114358BS

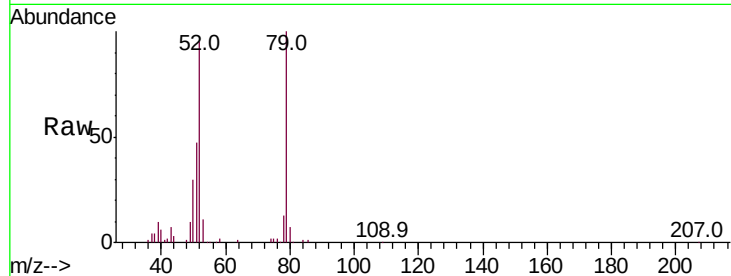
Tot Ion: 79 Resp: 94736

Ion Ratio Lower Upper

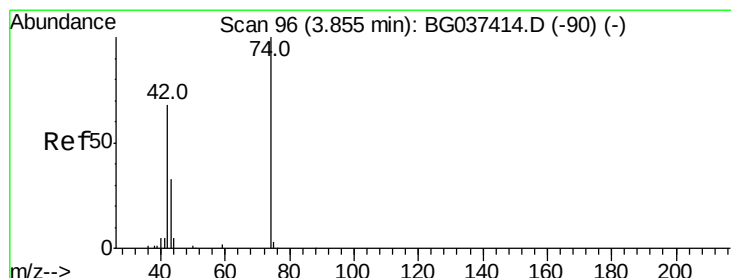
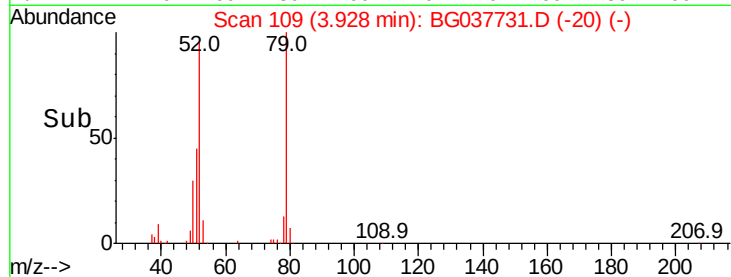
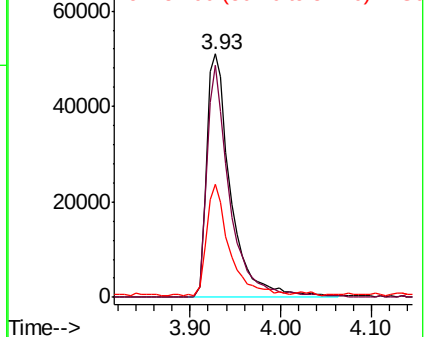
79 100

52 95.3 74.2 111.2

51 46.5 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: 31.503 ng

RT: 3.85 min Scan# 96

Delta R.T. -0.00 min

Lab File: BG037731.D

Acq: 1 Nov 2018 23:05

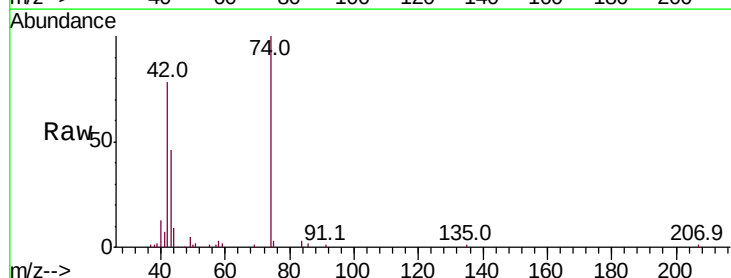
Tgt Ion: 42 Resp: 48622

Ion Ratio Lower Upper

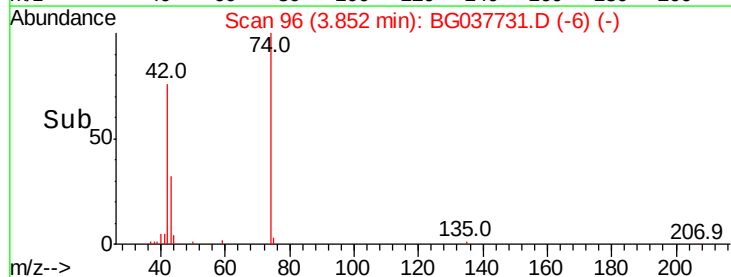
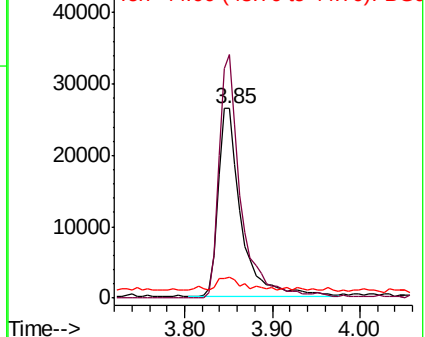
42 100

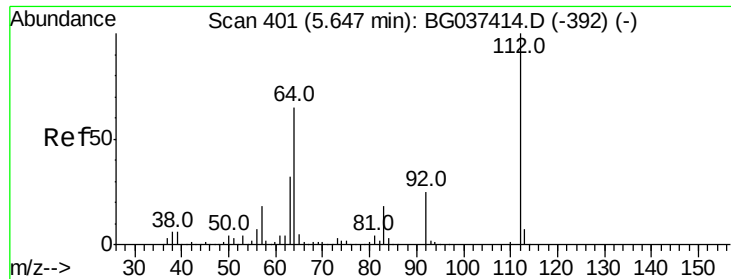
74 128.6 102.0 153.0

44 11.3 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: 66.891 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

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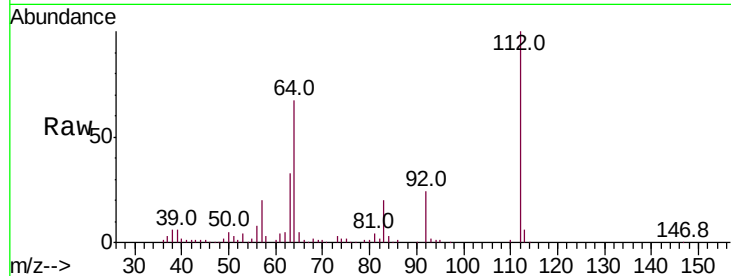
Tot Ion:112 Resp: 226766

Ion Ratio Lower Upper

112 100

64 66.5 53.1 79.7

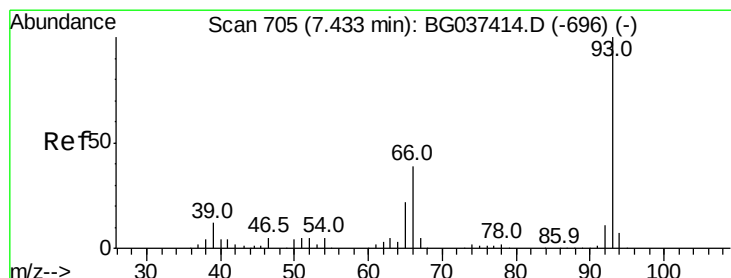
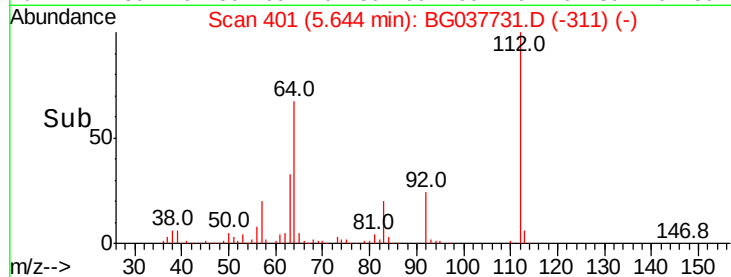
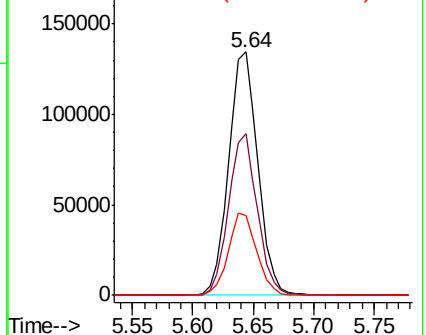
63 32.6 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 13.143 ng

RT: 7.42 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG037731.D

Acq: 1 Nov 2018 23:05

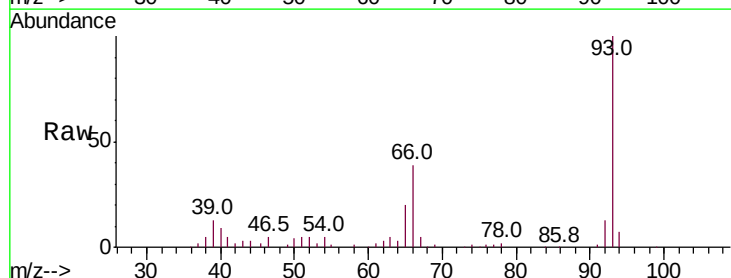
Tgt Ion: 93 Resp: 82192

Ion Ratio Lower Upper

93 100

66 39.3 32.8 49.2

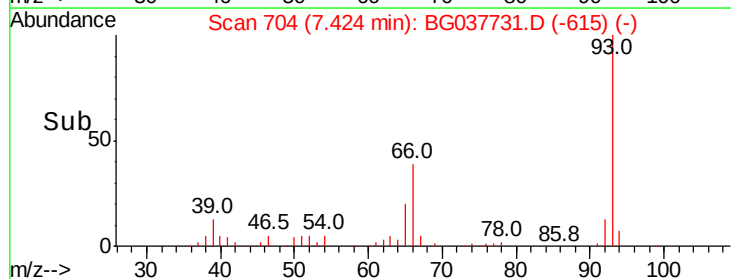
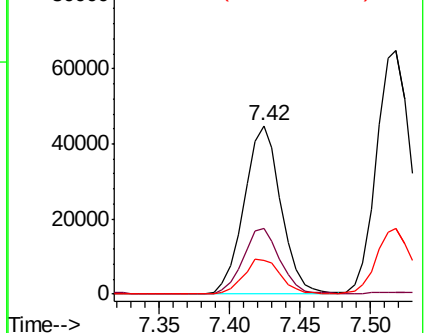
65 20.0 16.4 24.6

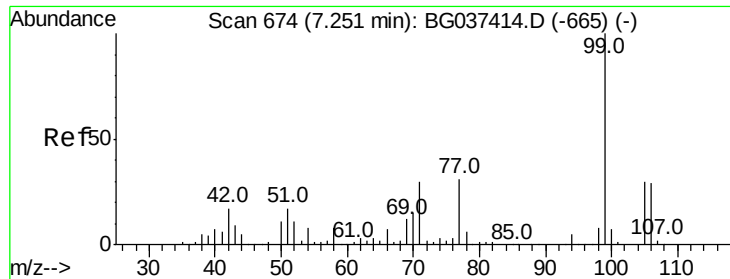


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 64.745 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037731.D

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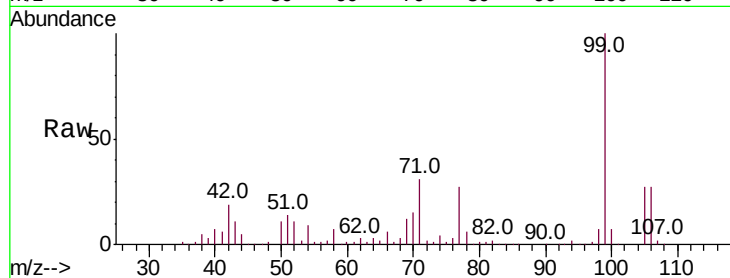
Tot Ion: 99 Resp: 331898

Ion Ratio Lower Upper

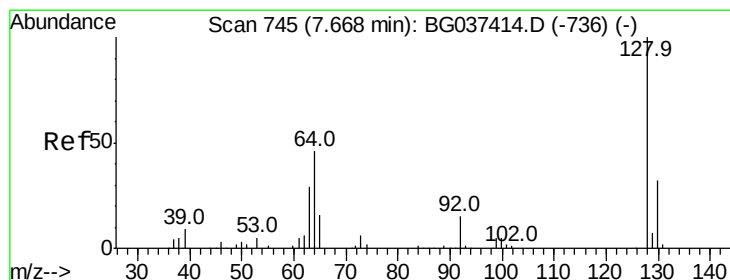
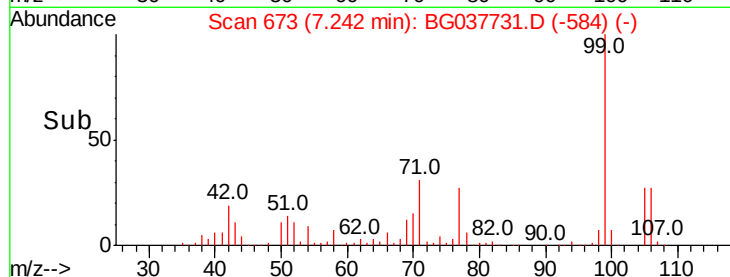
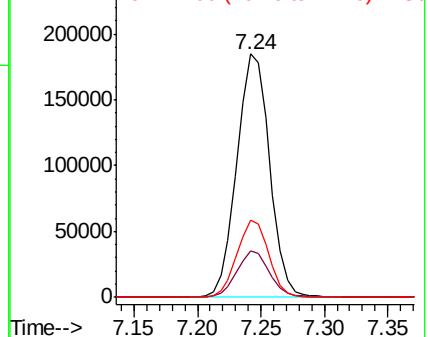
99 100

42 19.3 15.0 22.4

71 31.5 25.5 38.3



Abundance Ion 99.00 (98.70 to 99.70): BGC
250000
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 32.635 ng

RT: 7.66 min Scan# 744

Delta R.T. -0.01 min

Lab File: BG037731.D

Acq: 1 Nov 2018 23:05

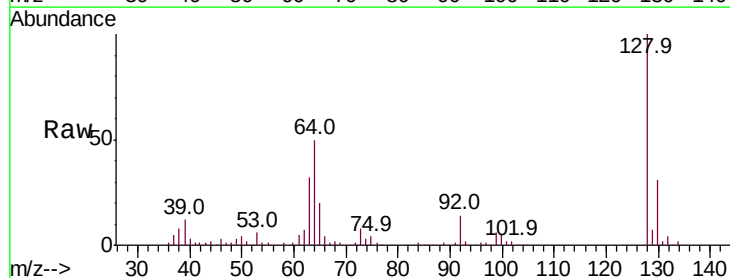
Tgt Ion: 128 Resp: 129426

Ion Ratio Lower Upper

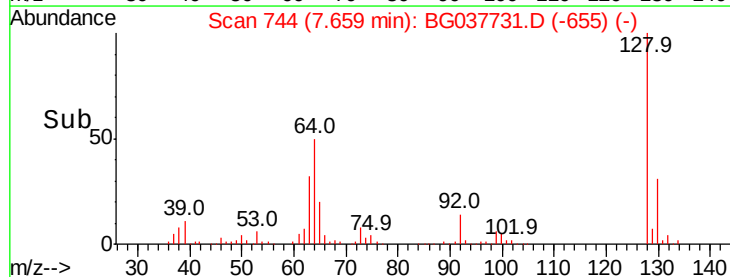
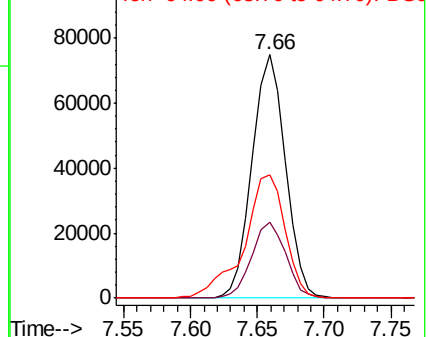
128 100

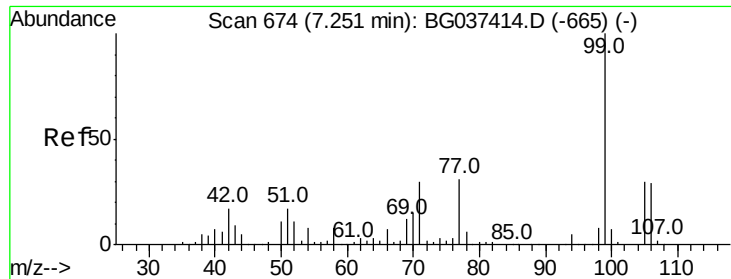
130 31.0 12.0 52.0

64 50.5 32.9 72.9



Abundance Ion 128.00 (127.70 to 128.70): BGC
100000
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 28.968 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

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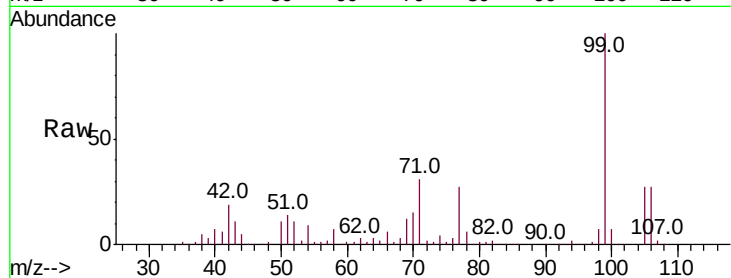
Tot Ion: 77 Resp: 92889

Ion Ratio Lower Upper

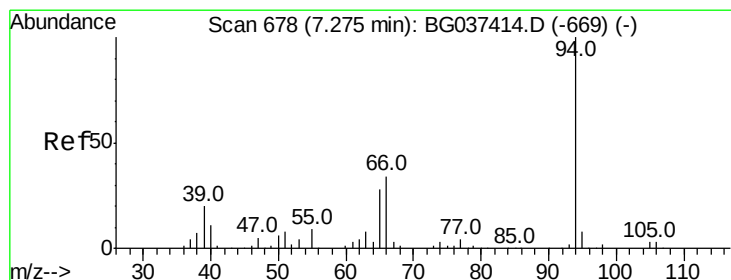
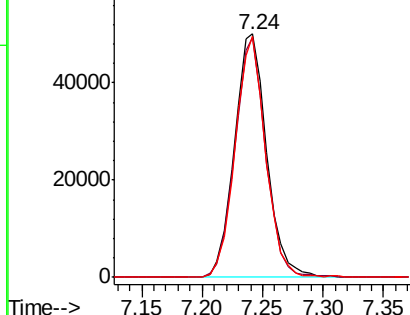
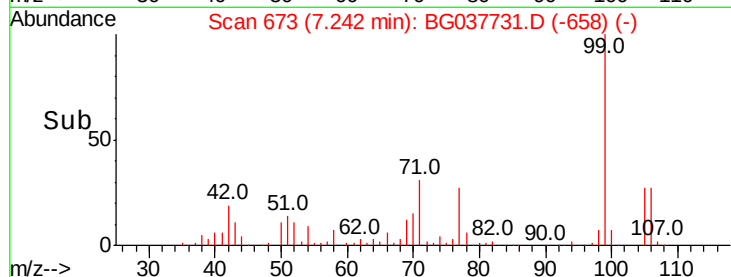
77 100

105 98.4 72.6 112.6

106 98.9 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: 31.446 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037731.D

Acq: 1 Nov 2018 23:05

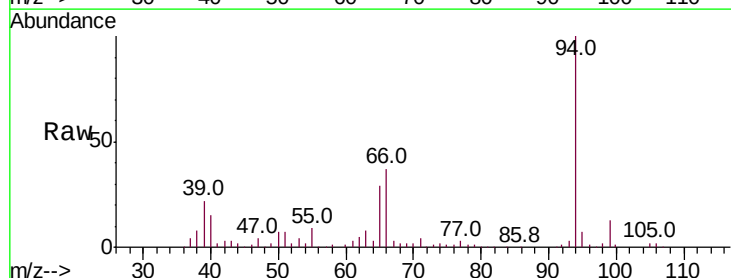
Tgt Ion: 94 Resp: 170082

Ion Ratio Lower Upper

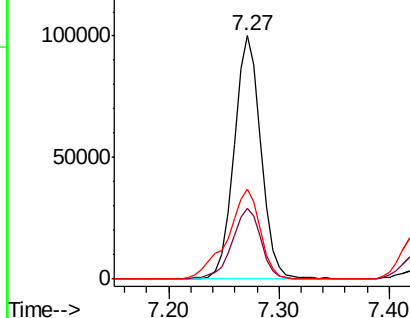
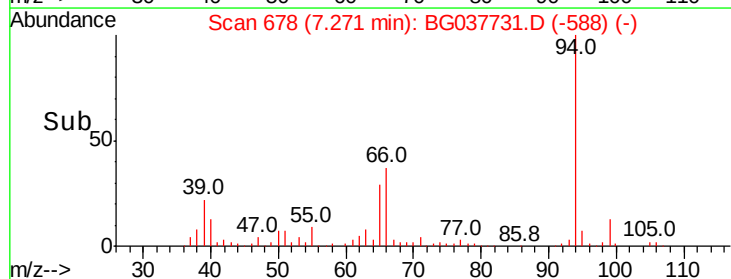
94 100

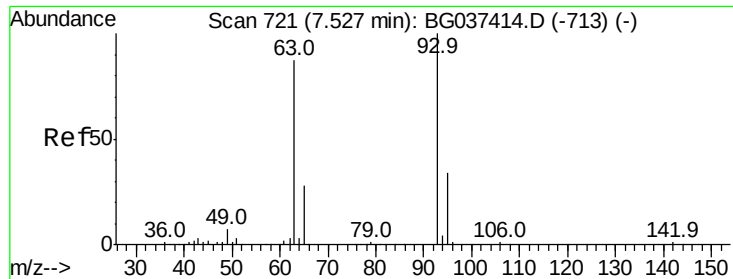
65 29.2 9.7 49.7

66 36.8 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: 27.571 ng

RT: 7.52 min Scan# 720

Delta R.T. -0.01 min

Lab File: BG037731.D

Acq: 1 Nov 2018 23:05

Instrument :

BNA_G

ClientSampleId :

PB114358BS

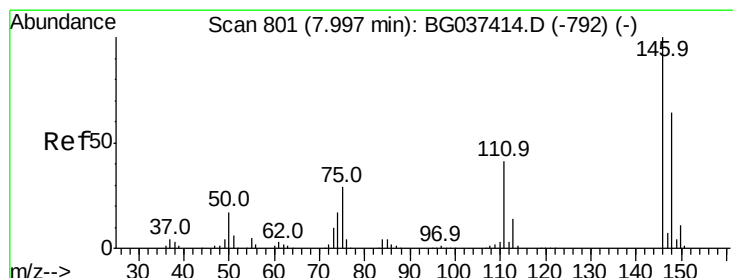
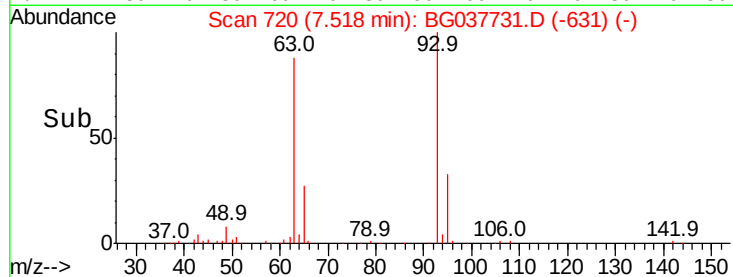
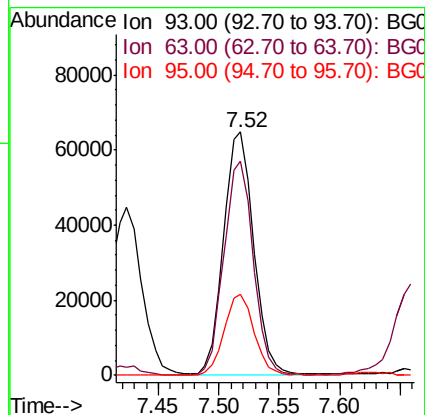
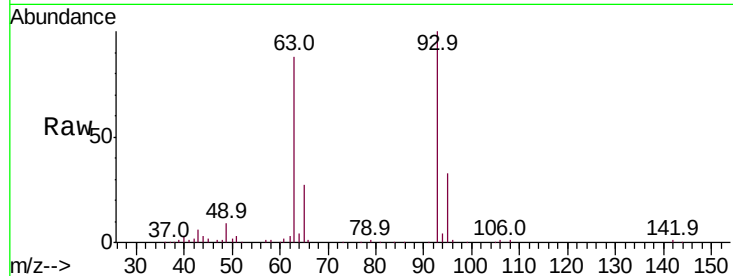
Tot Ion: 93 Resp: 113257

Ion Ratio Lower Upper

93 100

63 88.2 69.5 109.5

95 33.2 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 28.557 ng

RT: 7.99 min Scan# 800

Delta R.T. -0.01 min

Lab File: BG037731.D

Acq: 1 Nov 2018 23:05

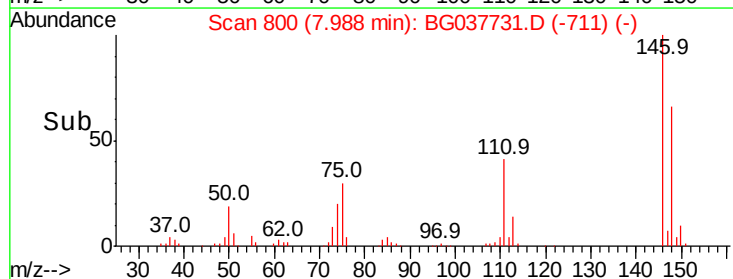
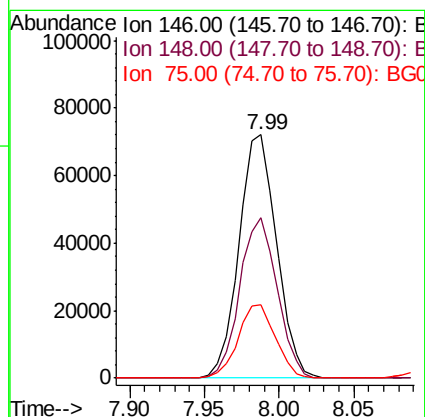
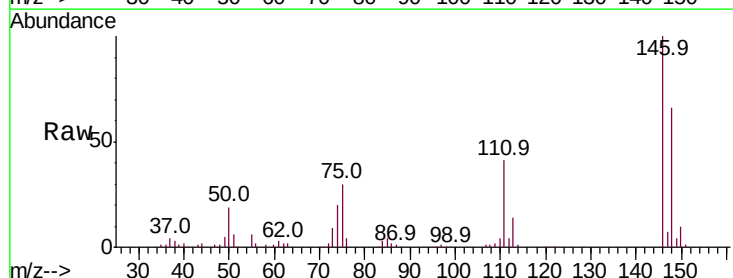
Tgt Ion:146 Resp: 126082

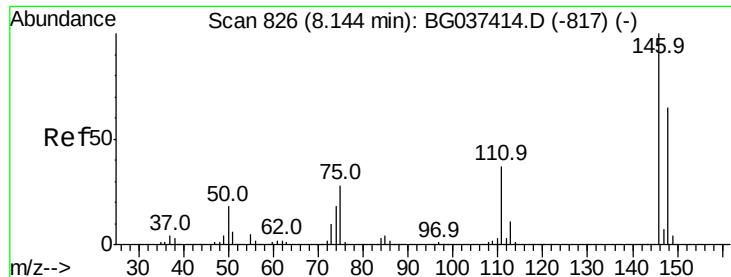
Ion Ratio Lower Upper

146 100

148 65.7 49.8 74.8

75 30.1 23.2 34.8

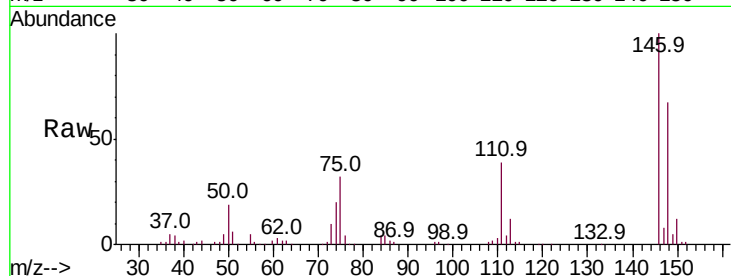




#13
 1,4-Dichlorobenzene
 Concen: 28.763 ng
 RT: 8.13 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BG037731.D
 Acq: 1 Nov 2018 23:05

Instrument :
 BNA_G
 ClientSampleId :
 PB114358BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.2	51.0	76.6
111	38.7	32.4	48.6

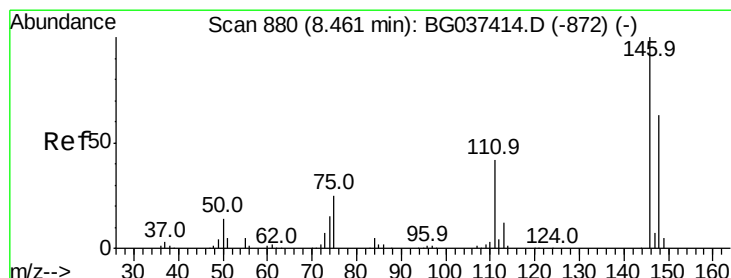
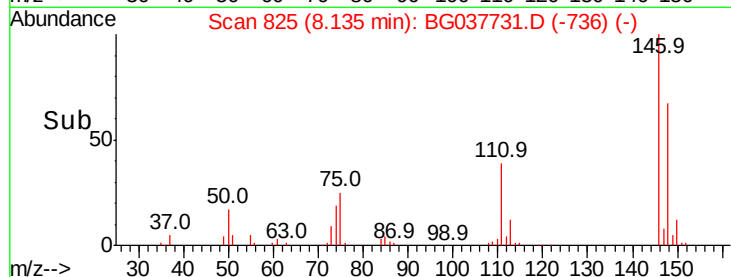
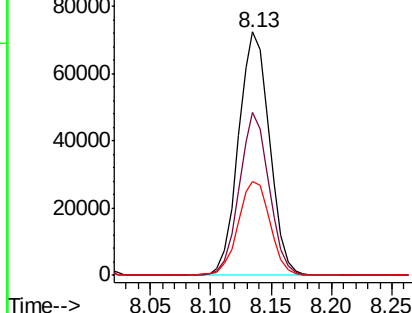


Abundance

Ion 146.00 (145.70 to 146.70): E

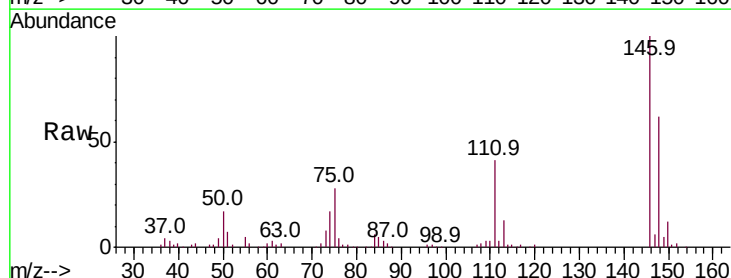
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 29.049 ng
 RT: 8.46 min Scan# 880
 Delta R.T. -0.00 min
 Lab File: BG037731.D
 Acq: 1 Nov 2018 23:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.8	50.4	75.6
111	41.2	34.6	51.8

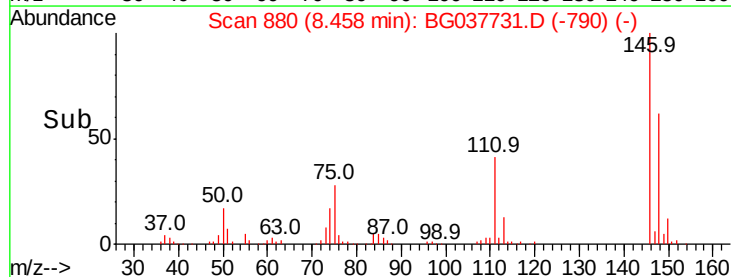
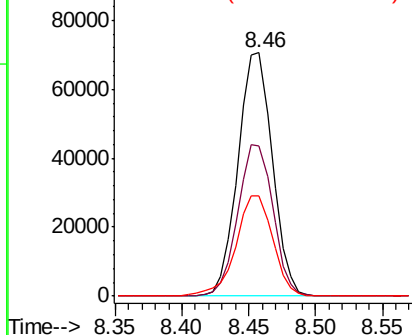


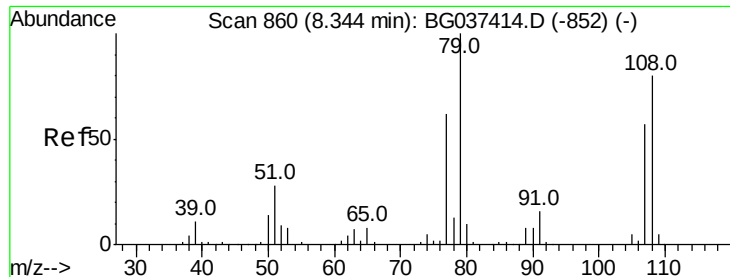
Abundance

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: 30.348 ng

RT: 8.34 min Scan# 860

Delta R.T. -0.00 min

Lab File: BG037731.D

Acq: 1 Nov 2018 23:05

Instrument :

BNA_G

ClientSampleId :

PB114358BS

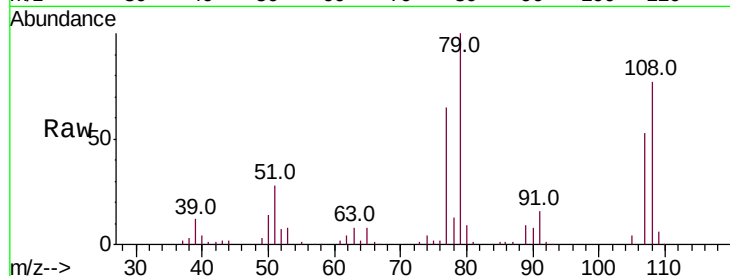
Tot Ion: 79 Resp: 114950

Ion Ratio Lower Upper

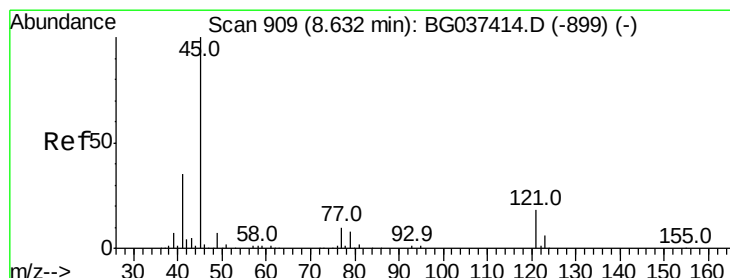
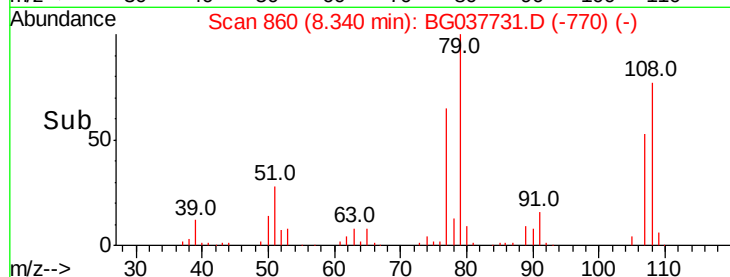
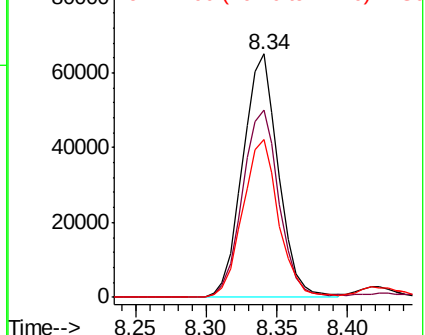
79 100

108 77.2 65.8 98.8

77 64.6 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: 29.752 ng

RT: 8.62 min Scan# 908

Delta R.T. -0.01 min

Lab File: BG037731.D

Acq: 1 Nov 2018 23:05

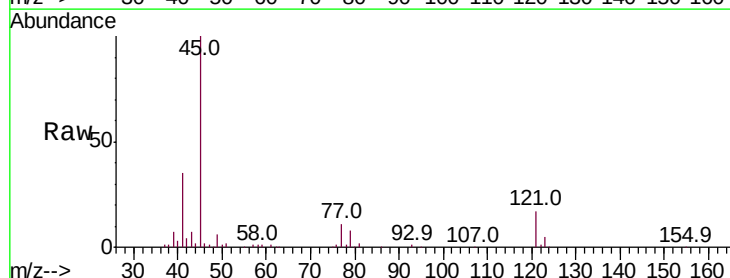
Tgt Ion: 45 Resp: 218687

Ion Ratio Lower Upper

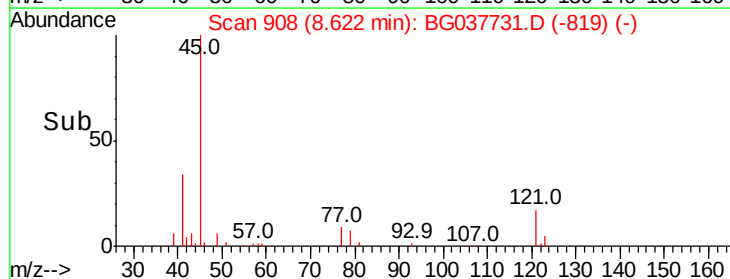
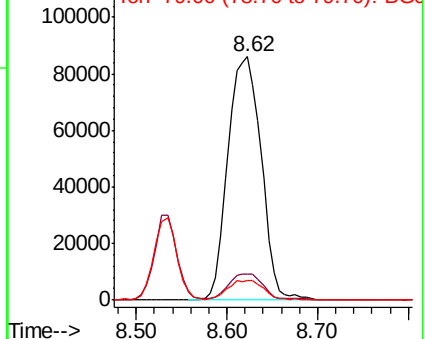
45 100

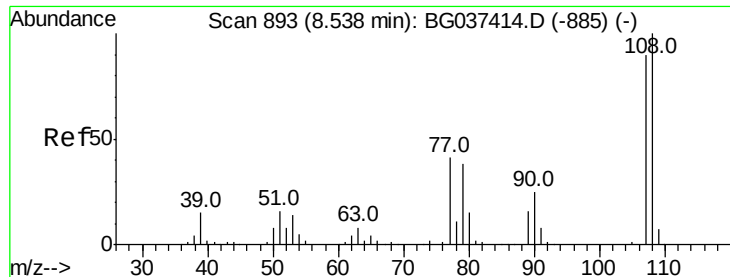
77 10.7 0.0 30.0

79 7.8 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

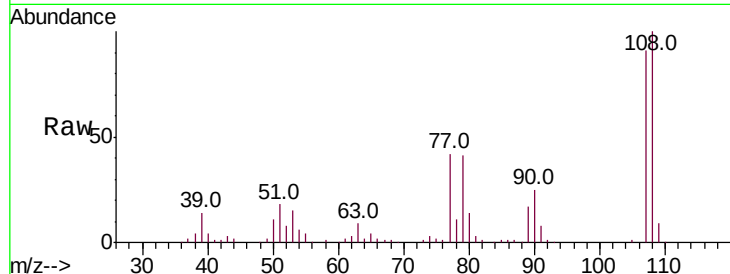




#17
2-Methylphenol
Concen: 32.470 ng
RT: 8.53 min Scan# 893
Delta R.T. -0.00 min
Lab File: BG037731.D
Acq: 1 Nov 2018 23:05

Instrument :
BNA_G
ClientSampleId :
PB114358BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.4	87.9	131.9
77	46.3	35.1	52.7
79	44.7	34.5	51.7



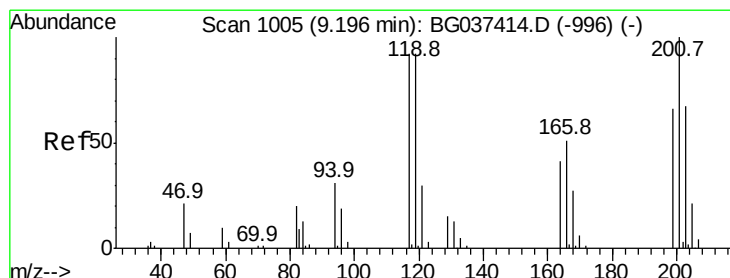
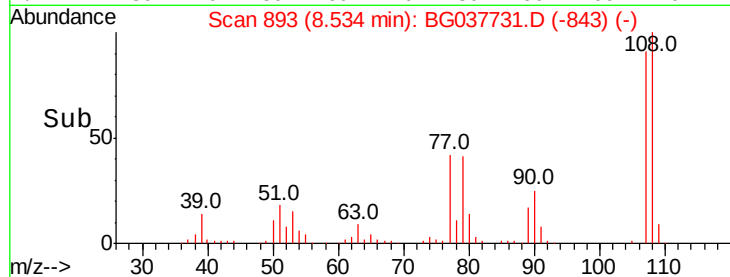
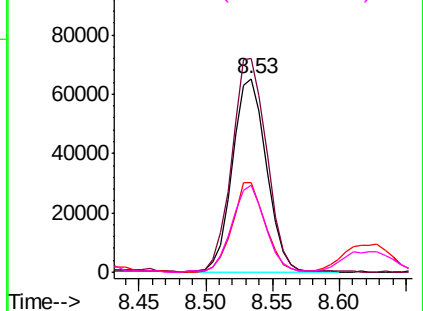
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

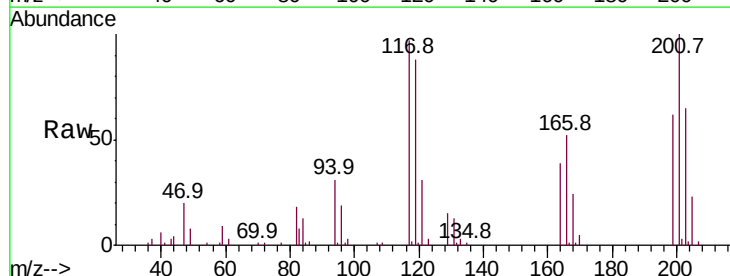
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 30.563 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG037731.D
Acq: 1 Nov 2018 23:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.2	74.6	111.8
201	105.9	80.8	121.2

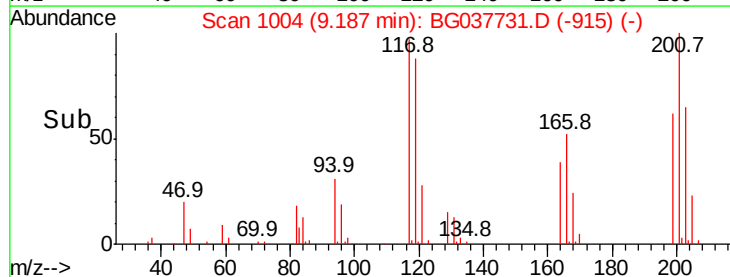
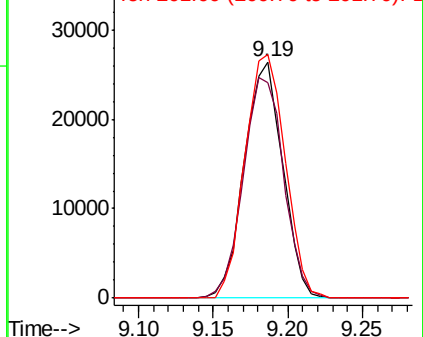


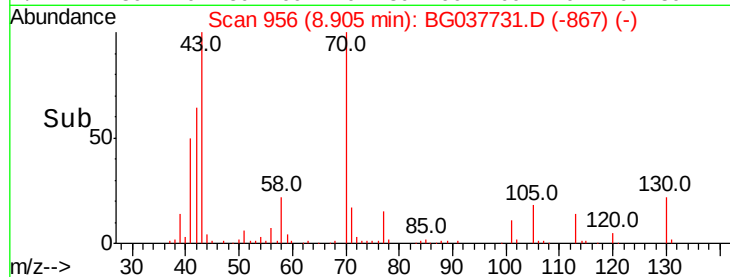
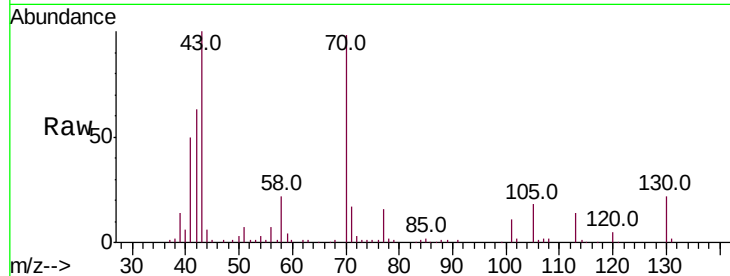
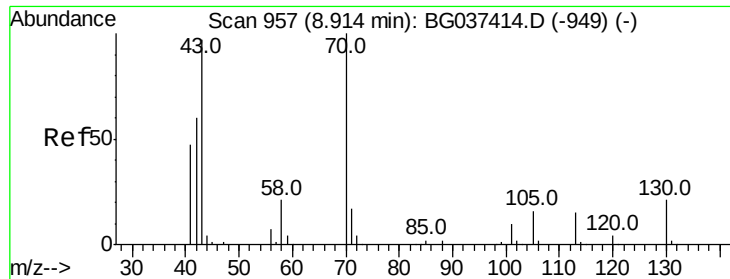
Abundance

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

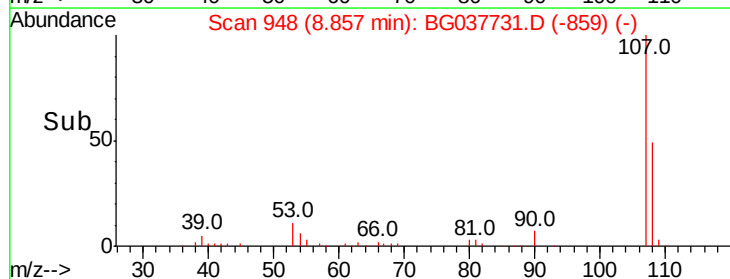
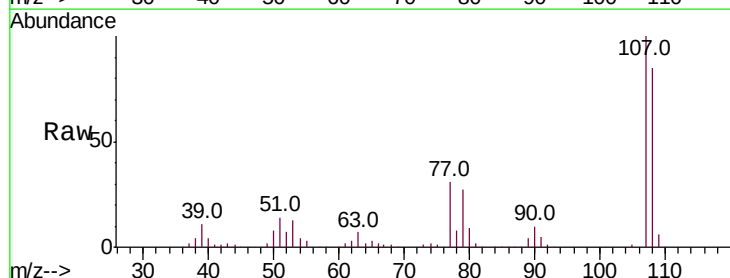
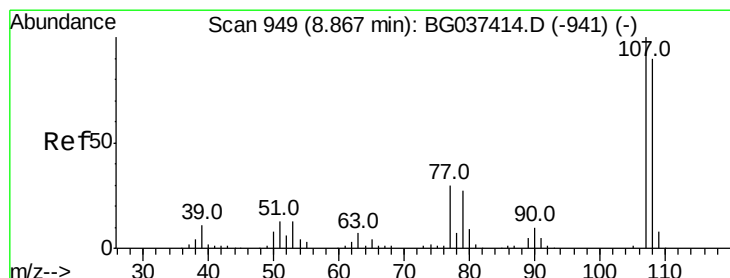
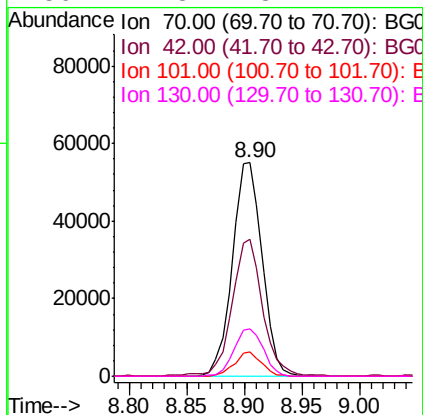




#19
n-Nitroso-di-n-propylamine
Concen: 27.732 ng
RT: 8.90 min Scan# 956
Delta R.T. -0.01 min
Lab File: BG037731.D
Acq: 1 Nov 2018 23:05

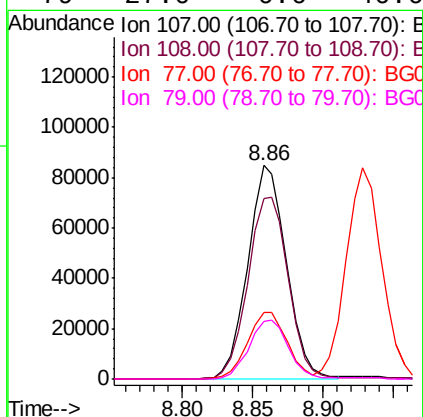
Instrument :
BNA_G
ClientSampleId :
PB114358BS

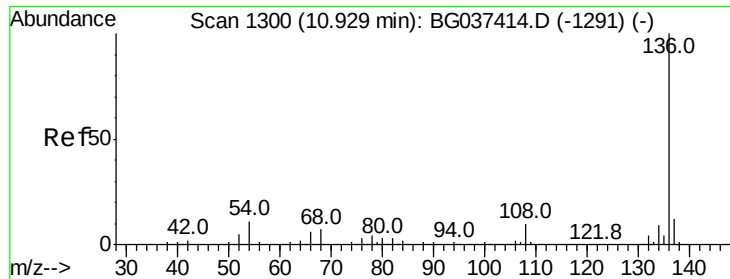
Tot Ion:	70	Resp:	97893
Ion	Ratio	Lower	Upper
70	100		
42	64.1	53.9	80.9
101	11.4	8.2	12.2
130	22.3	18.2	27.4



#20
3+4-Methylphenols
Concen: 31.817 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG037731.D
Acq: 1 Nov 2018 23:05

Tgt Ion:	107	Resp:	162660
Ion	Ratio	Lower	Upper
107	100		
108	84.8	69.9	109.9
77	31.3	11.2	51.2
79	27.0	6.6	46.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.92 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BG037731.D

Acq: 1 Nov 2018 23:05

Instrument :

BNA_G

ClientSampleId :

PB114358BS

Tot Ion:136 Resp: 253753

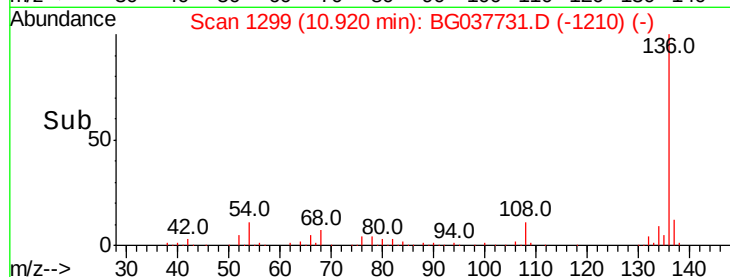
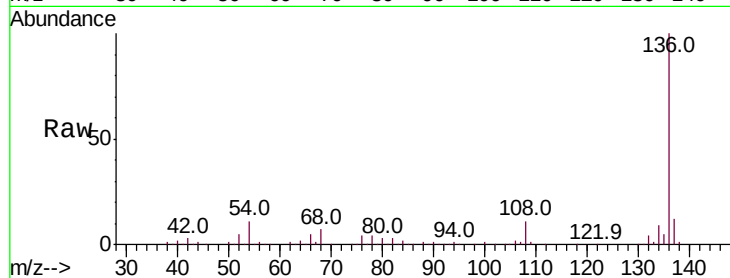
Ion Ratio Lower Upper

136 100

137 12.3 9.6 14.4

54 10.6 7.9 11.9

68 6.6 4.8 7.2

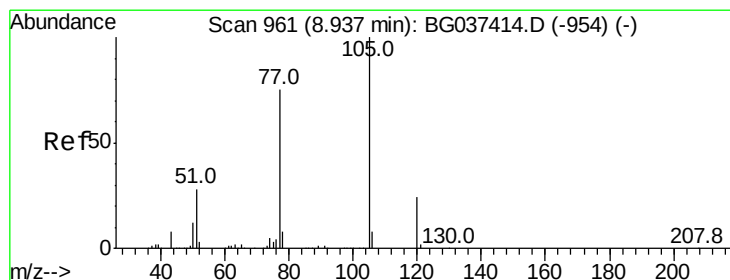
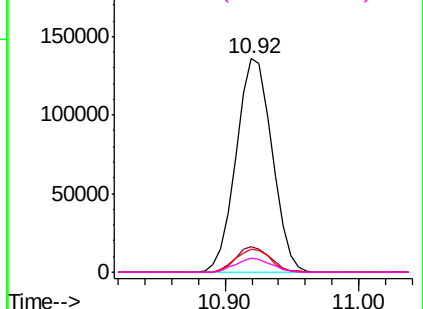


Abundance Ion 136.00 (135.70 to 136.70): E

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: 29.100 ng

RT: 8.93 min Scan# 960

Delta R.T. -0.01 min

Lab File: BG037731.D

Acq: 1 Nov 2018 23:05

Tgt Ion:105 Resp: 185191

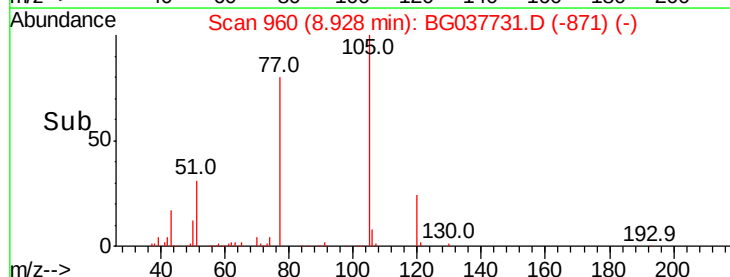
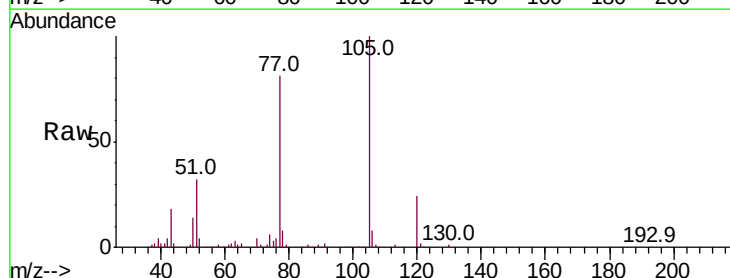
Ion Ratio Lower Upper

105 100

71 0.7 1.2 1.8#

51 31.9 25.0 37.6

120 24.3 18.6 28.0

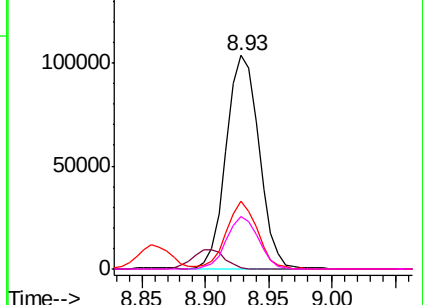


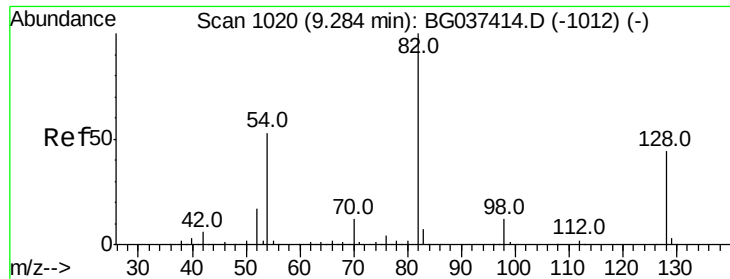
Abundance Ion 105.00 (104.70 to 105.70): E

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

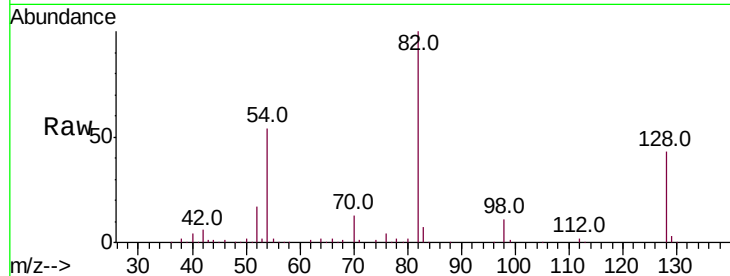




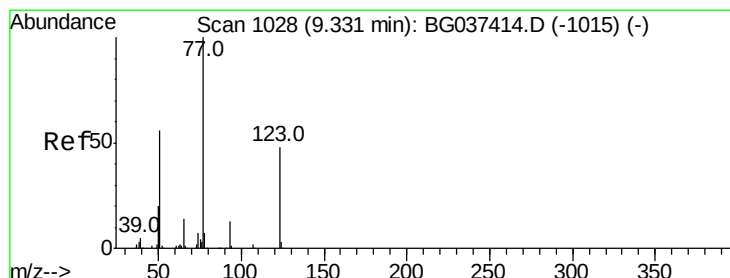
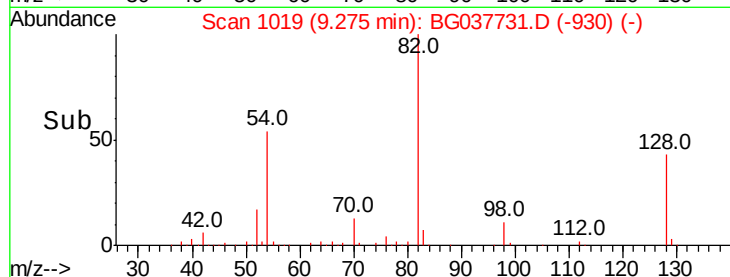
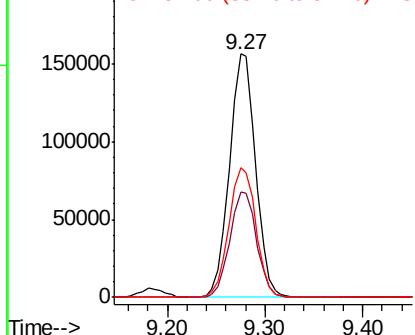
#23
 Nitrobenzene-d5
 Concen: 64.044 ng
 RT: 9.27 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BG037731.D
 Acq: 1 Nov 2018 23:05

Instrument :
 BNA_G
 ClientSampleId :
 PB114358BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.2	34.6	51.8
54	53.5	45.3	67.9

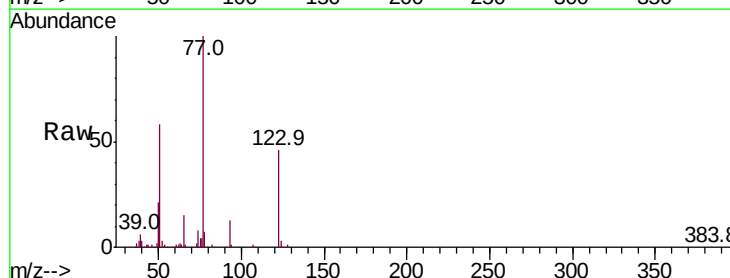


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

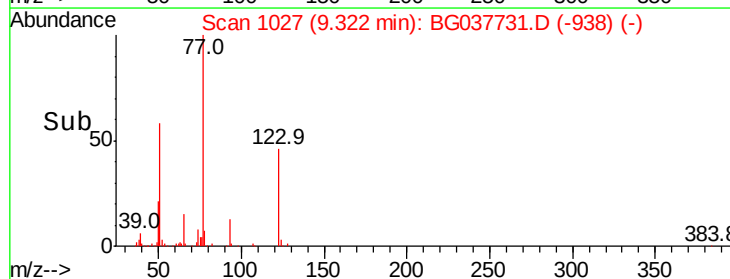
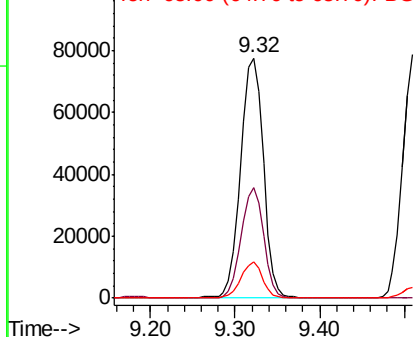


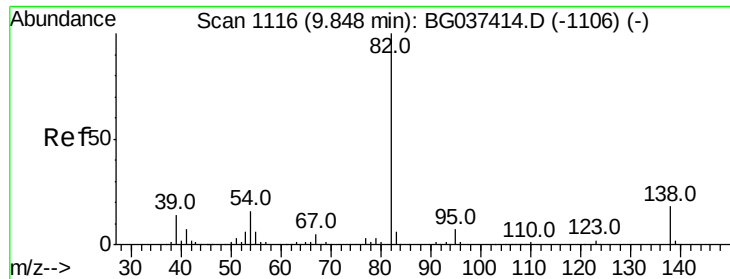
#24
 Nitrobenzene
 Concen: 30.843 ng
 RT: 9.32 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BG037731.D
 Acq: 1 Nov 2018 23:05

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.1	33.6	50.4
65	14.9	11.3	16.9



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





#25

Isophorone

Concen: 34.083 ng

RT: 9.83 min Scan# 1114

Delta R.T. -0.02 min

Lab File: BG037731.D

Acq: 1 Nov 2018 23:05

Instrument :

BNA_G

ClientSampleId :

PB114358BS

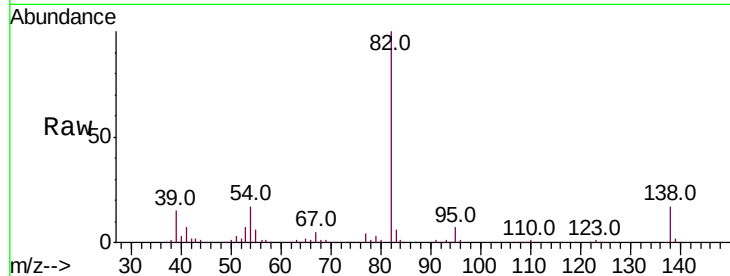
Tot Ion: 82 Resp: 282091

Ion Ratio Lower Upper

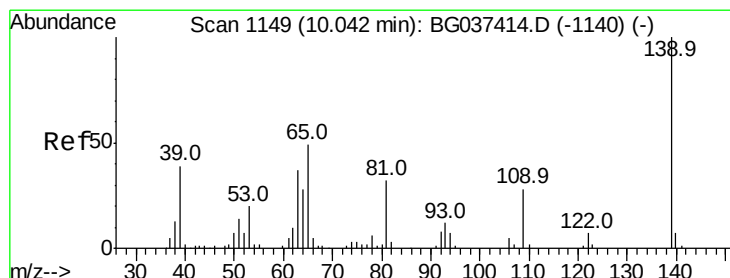
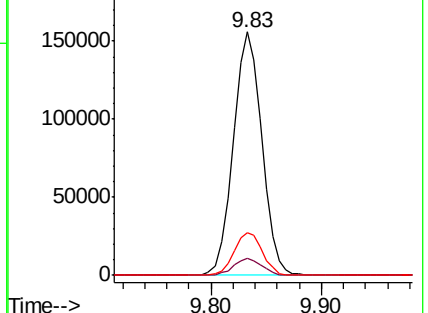
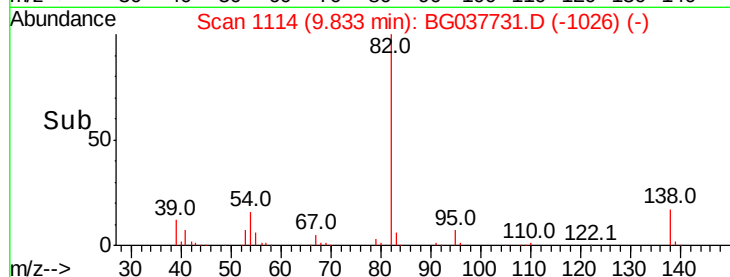
82 100

95 7.0 5.3 7.9

138 17.3 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: 33.863 ng

RT: 10.03 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BG037731.D

Acq: 1 Nov 2018 23:05

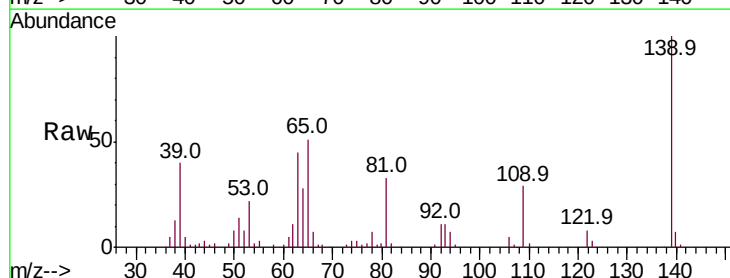
Tgt Ion: 139 Resp: 71787

Ion Ratio Lower Upper

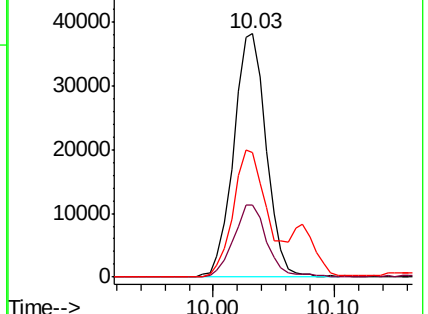
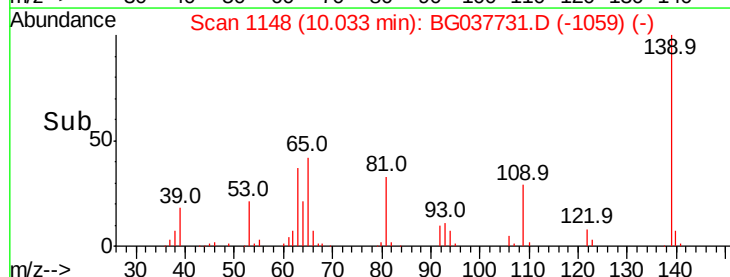
139 100

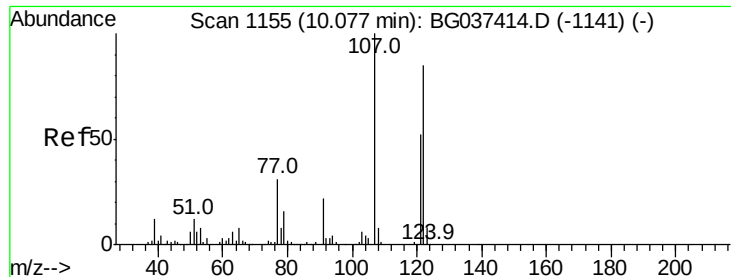
109 29.5 23.3 34.9

65 51.0 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

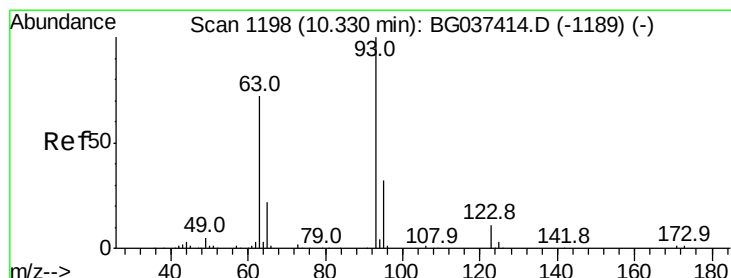
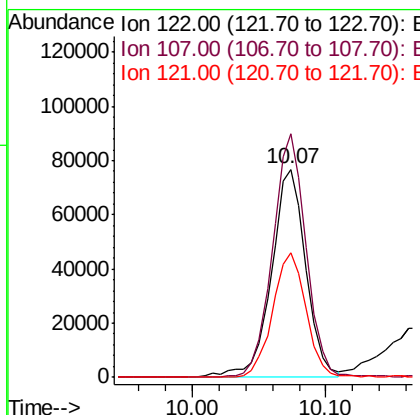
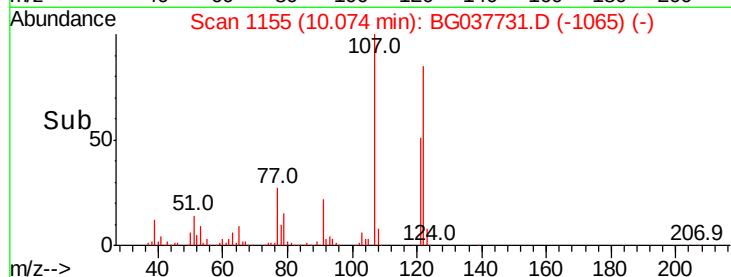
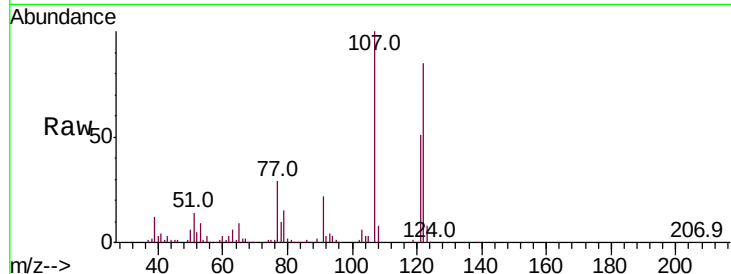




#27
2,4-Dimethylphenol
Concen: 36.581 ng
RT: 10.07 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BG037731.D
Acq: 1 Nov 2018 23:05

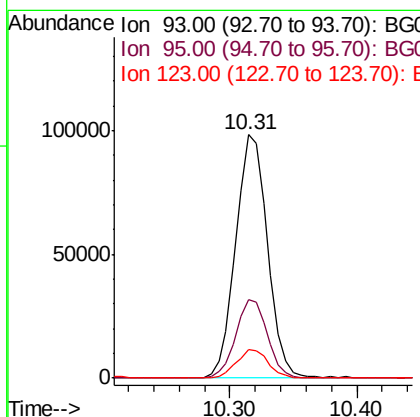
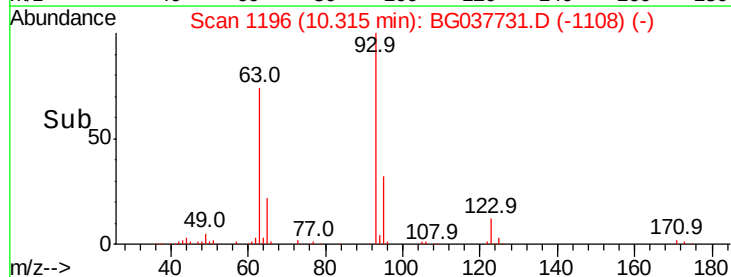
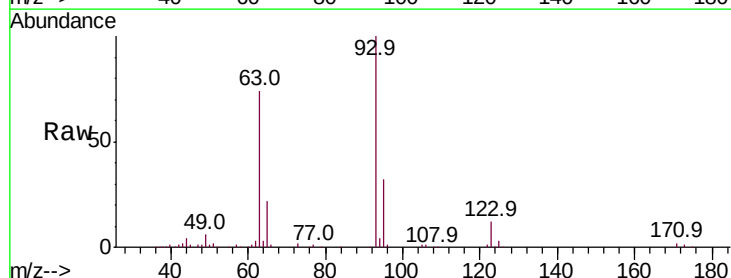
Instrument :
BNA_G
ClientSampleId :
PB114358BS

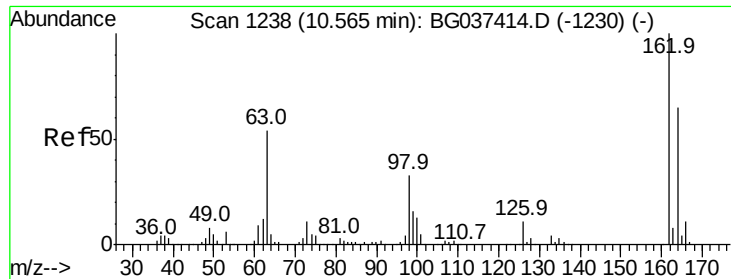
Tot Ion:122 Resp: 138462
Ion Ratio Lower Upper
122 100
107 117.0 94.2 141.2
121 60.0 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 31.457 ng
RT: 10.31 min Scan# 1196
Delta R.T. -0.02 min
Lab File: BG037731.D
Acq: 1 Nov 2018 23:05

Tgt Ion: 93 Resp: 170582
Ion Ratio Lower Upper
93 100
95 32.3 24.6 37.0
123 11.9 9.1 13.7

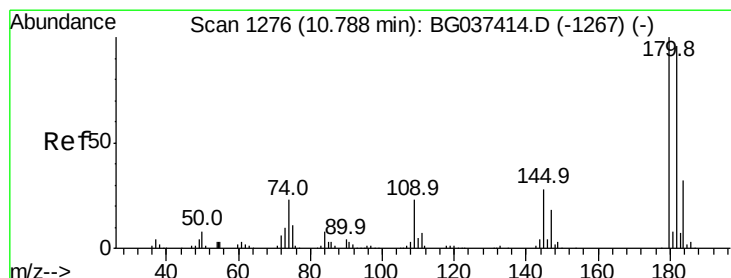
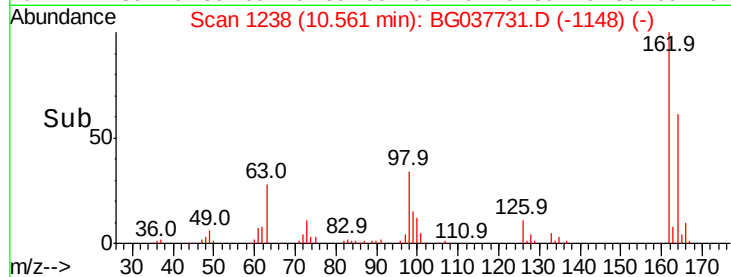
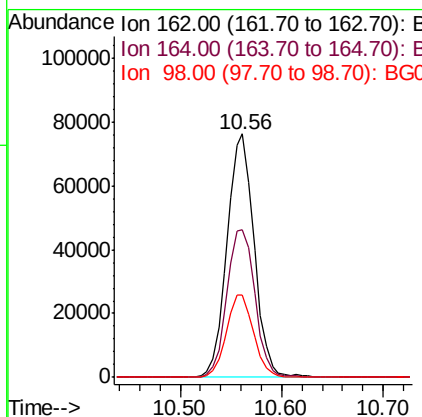
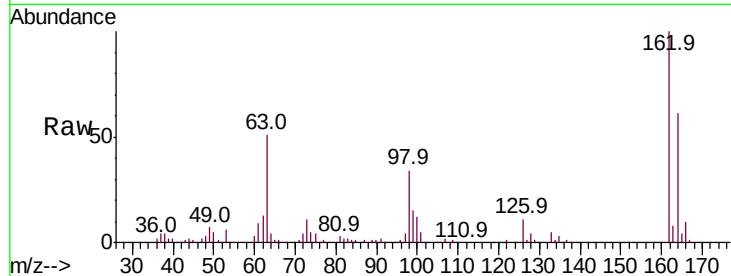




#29
 2,4-Dichlorophenol
 Concen: 33.564 ng
 RT: 10.56 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BG037731.D
 Acq: 1 Nov 2018 23:05

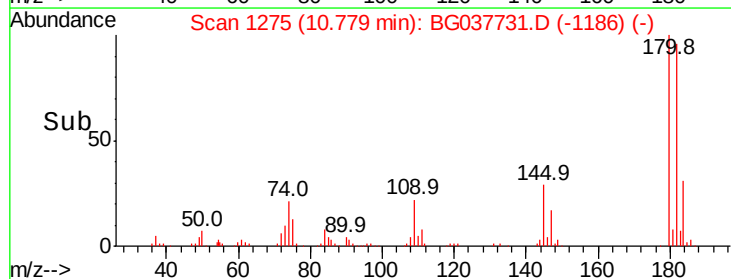
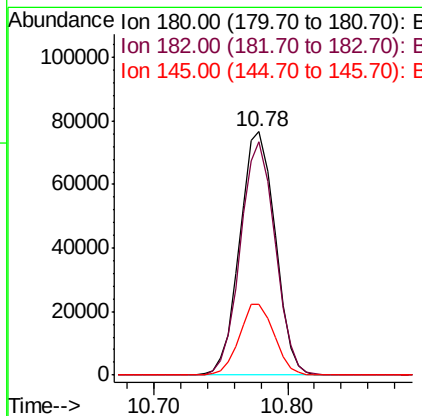
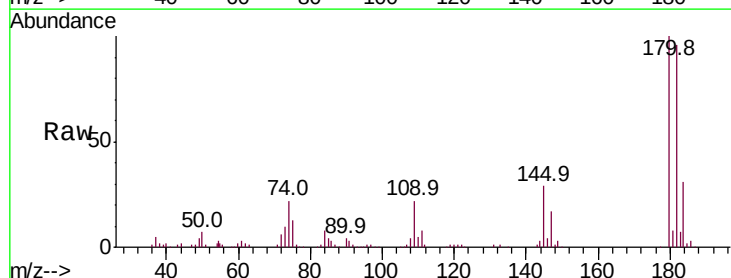
Instrument :
 BNA_G
 ClientSampleId :
 PB114358BS

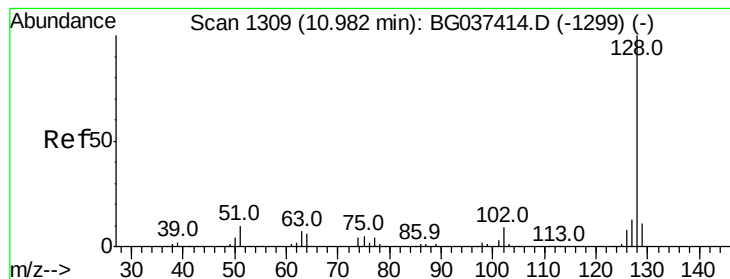
Tot Ion:162 Resp: 141448
 Ion Ratio Lower Upper
 162 100
 164 60.8 43.2 83.2
 98 33.9 16.0 56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 30.628 ng
 RT: 10.78 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: BG037731.D
 Acq: 1 Nov 2018 23:05

Tgt Ion:180 Resp: 140368
 Ion Ratio Lower Upper
 180 100
 182 95.6 77.7 116.5
 145 29.1 23.3 34.9





#31

Naphthalene

Concen: 33.048 ng

RT: 10.97 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BG037731.D

Acq: 1 Nov 2018 23:05

Instrument :

BNA_G

ClientSampleId :

PB114358BS

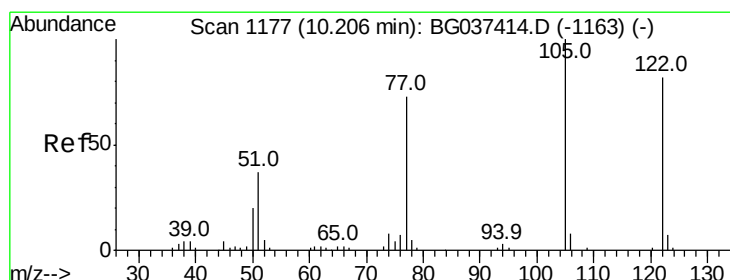
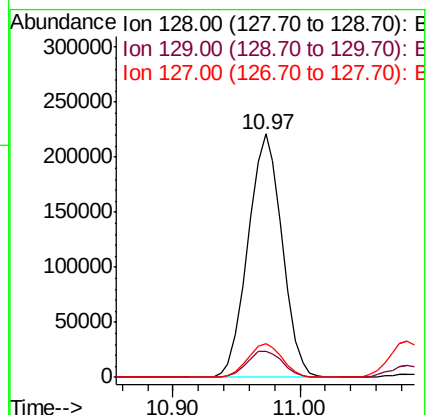
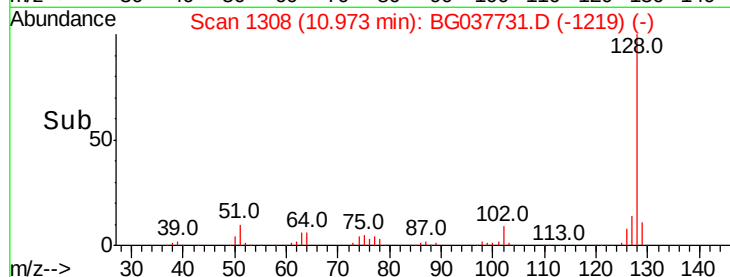
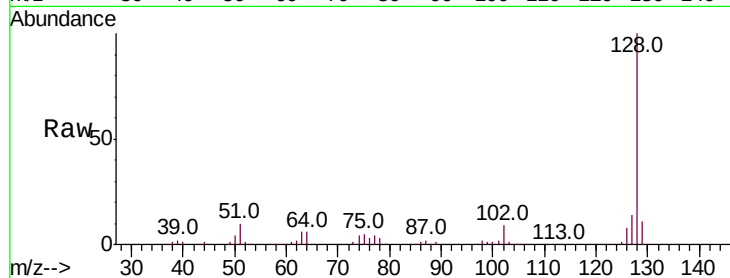
Tot Ion:128 Resp: 411905

Ion Ratio Lower Upper

128 100

129 10.5 9.0 13.6

127 14.0 11.1 16.7



#32

Benzoic acid

Concen: 31.586 ng

RT: 10.18 min Scan# 1173

Delta R.T. -0.03 min

Lab File: BG037731.D

Acq: 1 Nov 2018 23:05

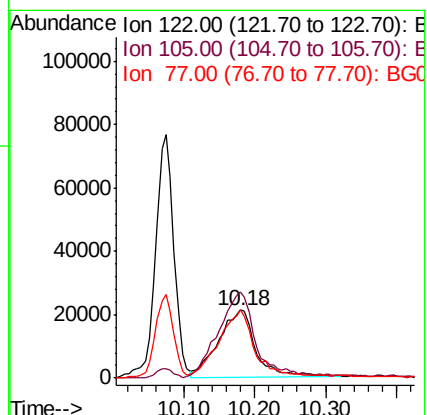
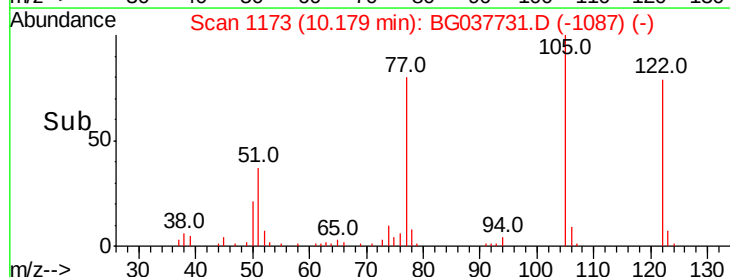
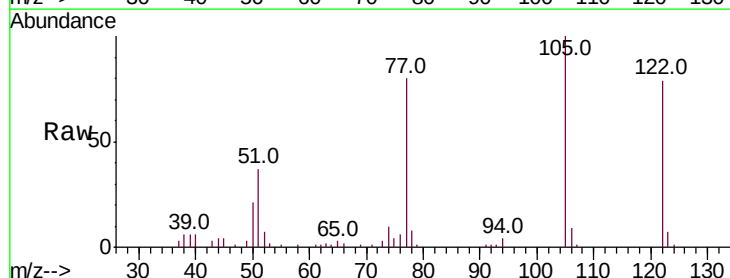
Tgt Ion:122 Resp: 77653

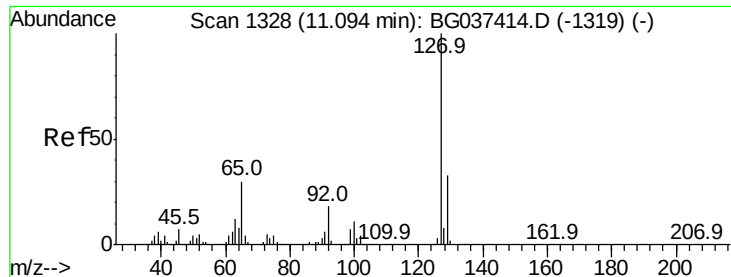
Ion Ratio Lower Upper

122 100

105 127.0 106.7 146.7

77 101.0 72.2 112.2

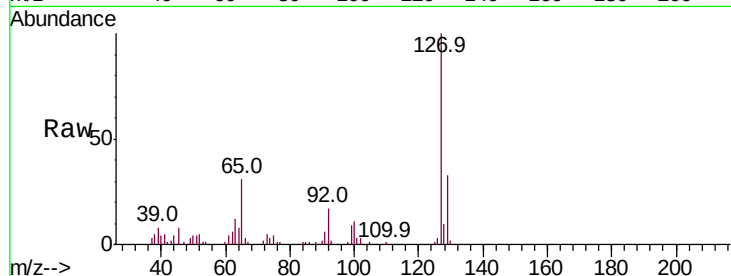




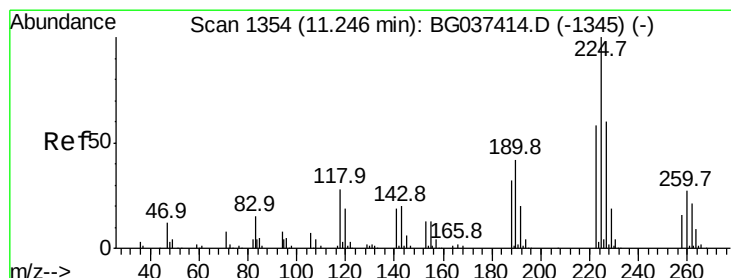
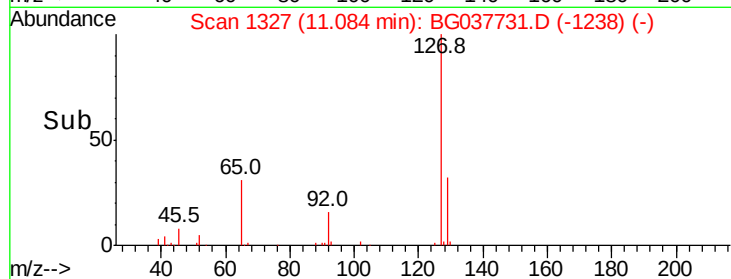
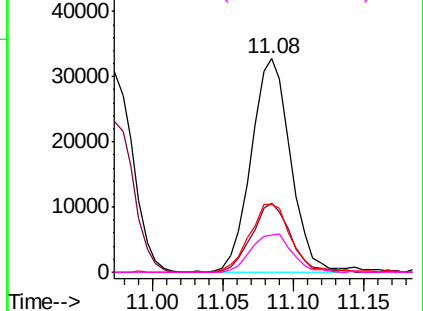
#33
4-Chloroaniline
Concen: 10.907 ng
RT: 11.08 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BG037731.D
Acq: 1 Nov 2018 23:05

Instrument :
BNA_G
ClientSampleId :
PB114358BS

Tot Ion:	127	Resp:	63871
Ion	Ratio	Lower	Upper
127	100		
129	32.6	27.1	40.7
65	31.5	26.6	39.8
92	17.1	16.4	24.6

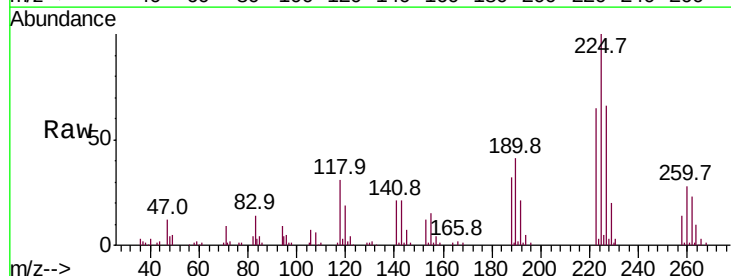


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

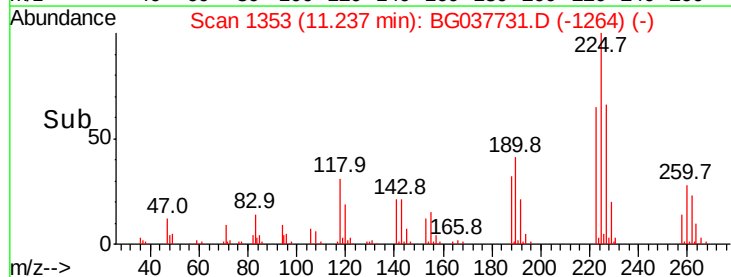
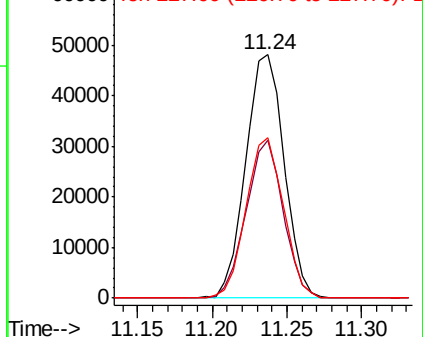


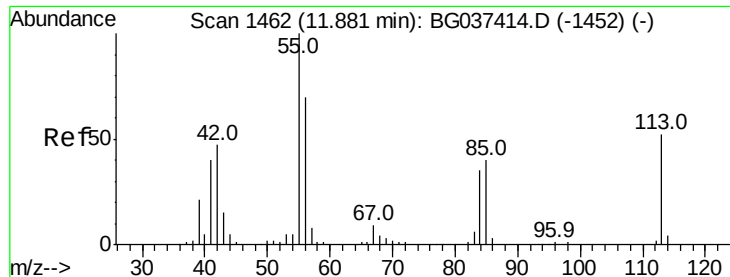
#34
Hexachlorobutadiene
Concen: 31.460 ng
RT: 11.24 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG037731.D
Acq: 1 Nov 2018 23:05

Tgt Ion:	225	Resp:	85451
Ion	Ratio	Lower	Upper
225	100		
223	64.3	48.2	72.4
227	65.0	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: 29.421 ng

RT: 11.86 min Scan# 1459

Delta R.T. -0.02 min

Lab File: BG037731.D

Acq: 1 Nov 2018 23:05

Instrument :

BNA_G

ClientSampleId :

PB114358BS

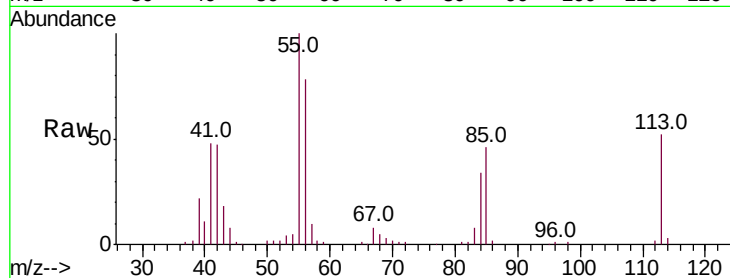
Tot Ion:113 Resp: 49727

Ion Ratio Lower Upper

113 100

55 190.6 176.6 216.6

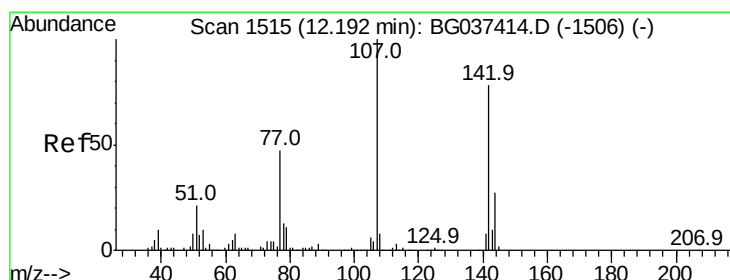
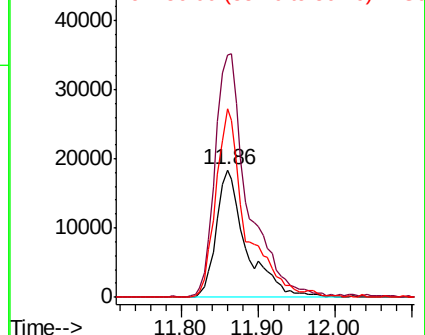
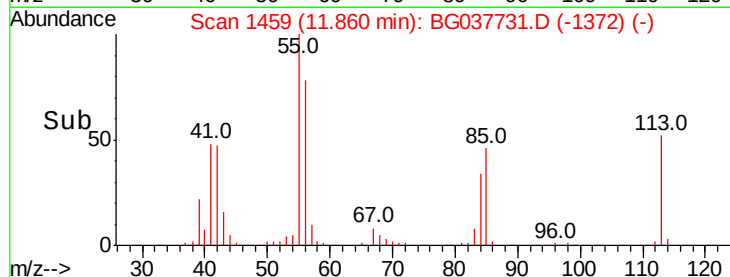
56 148.6 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 32.829 ng

RT: 12.18 min Scan# 1514

Delta R.T. -0.01 min

Lab File: BG037731.D

Acq: 1 Nov 2018 23:05

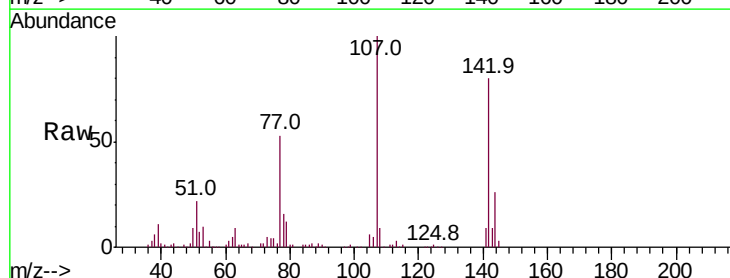
Tgt Ion:107 Resp: 156030

Ion Ratio Lower Upper

107 100

144 25.7 20.7 31.1

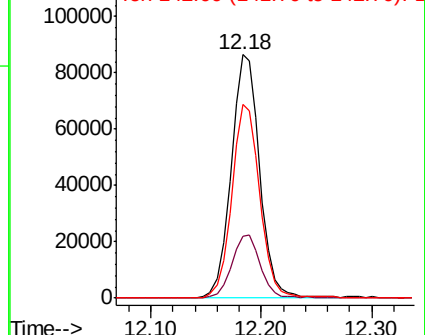
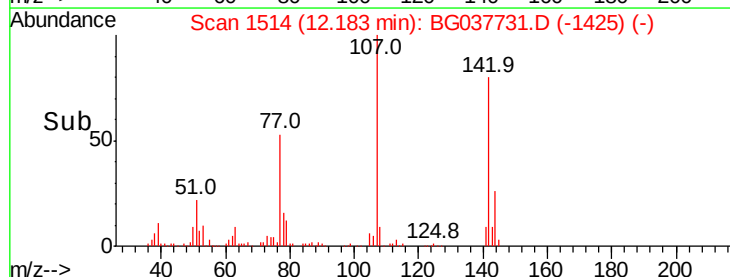
142 79.8 64.4 96.6

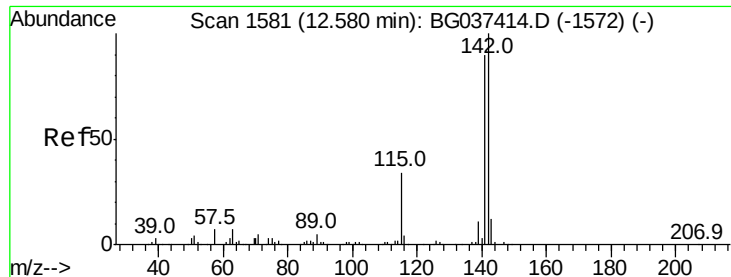


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

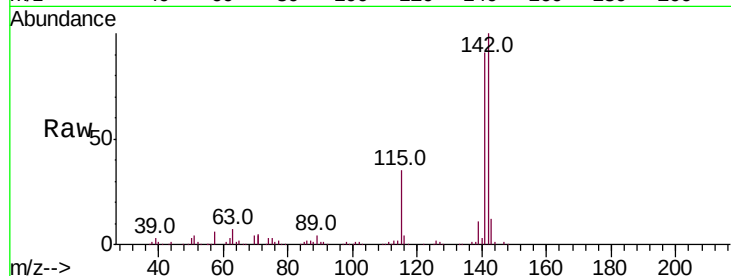




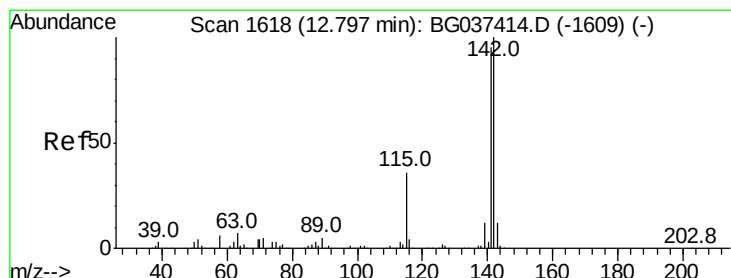
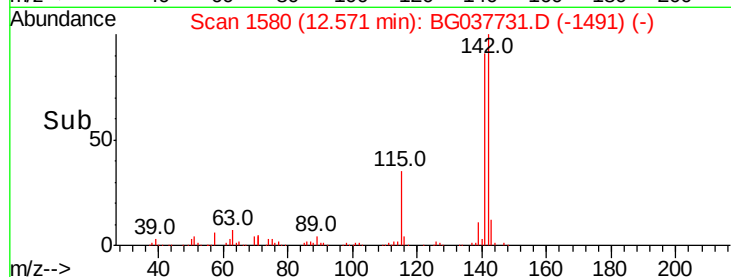
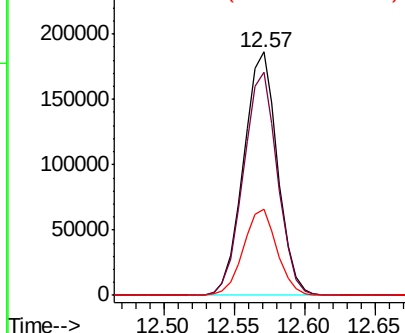
#37
2-Methylnaphthalene
Concen: 34.470 ng
RT: 12.57 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BG037731.D
Acq: 1 Nov 2018 23:05

Instrument :
BNA_G
ClientSampleId :
PB114358BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.5	71.9	107.9
115	35.2	27.8	41.8

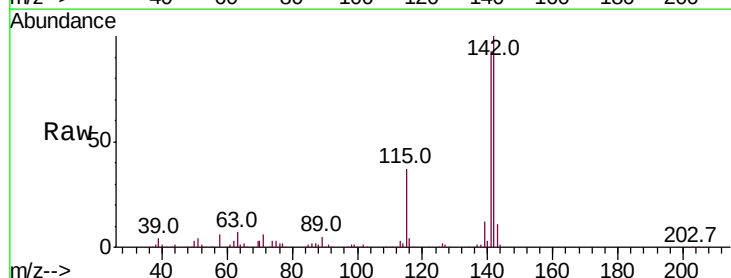


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

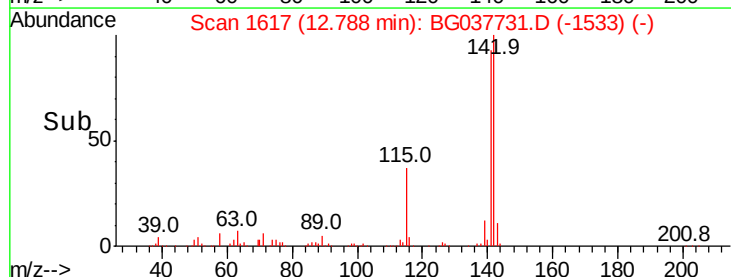
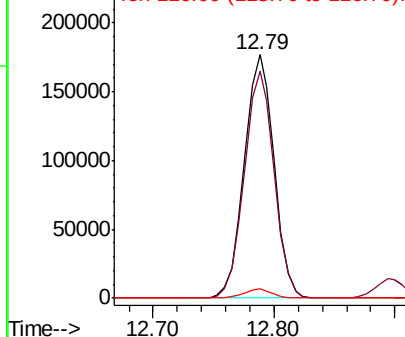


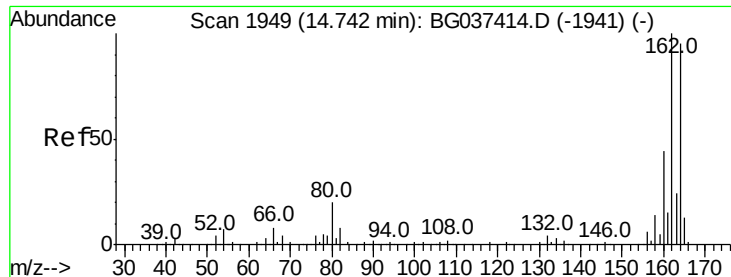
#38
1-Methylnaphthalene
Concen: 34.358 ng
RT: 12.79 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BG037731.D
Acq: 1 Nov 2018 23:05

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.3	75.2	112.8
116	3.6	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# 1948

Delta R.T. -0.01 min

Lab File: BG037731.D

Acq: 1 Nov 2018 23:05

Instrument :

BNA_G

ClientSampleId :

PB114358BS

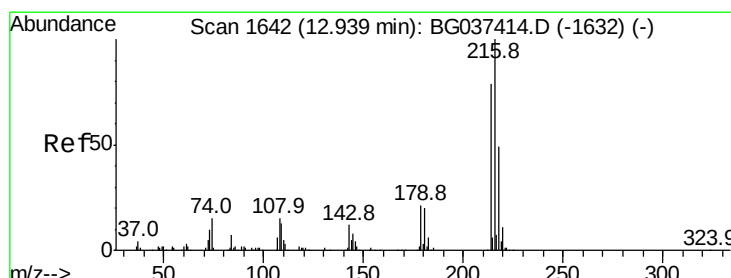
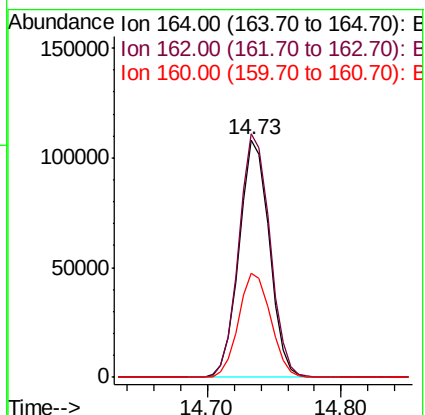
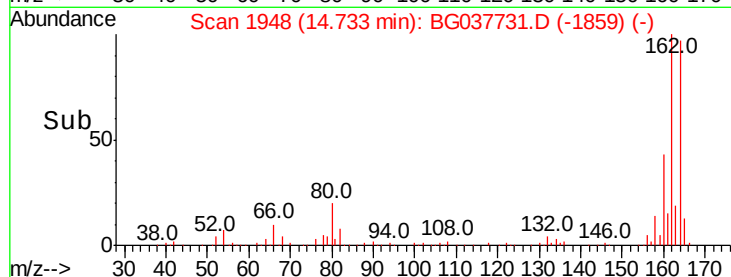
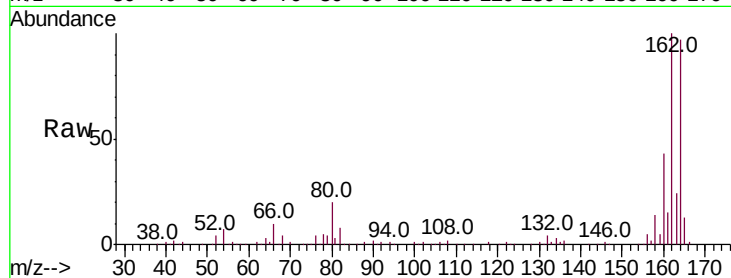
Tot Ion:164 Resp: 169154

Ion Ratio Lower Upper

164 100

162 102.6 81.3 121.9

160 43.7 36.3 54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 30.934 ng

RT: 12.93 min Scan# 1641

Delta R.T. -0.01 min

Lab File: BG037731.D

Acq: 1 Nov 2018 23:05

Tgt Ion:216 Resp: 168778

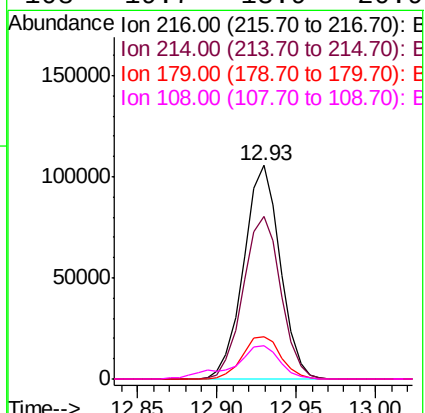
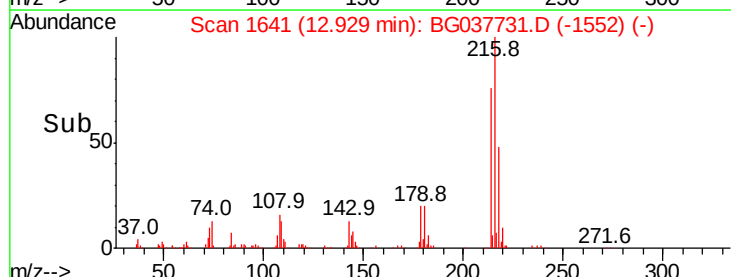
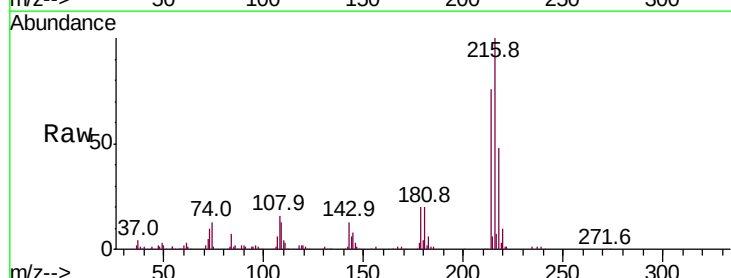
Ion Ratio Lower Upper

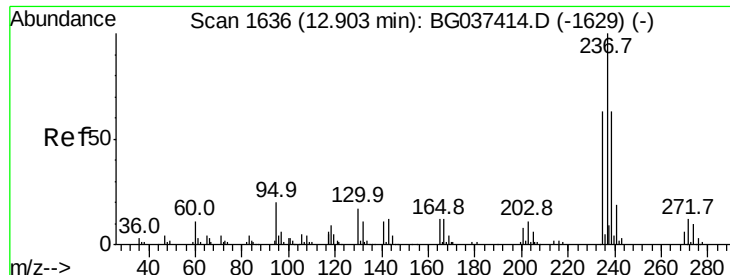
216 100

214 78.1 63.8 95.6

179 21.1 17.4 26.0

108 19.7 13.9 20.9





#41

Hexachlorocyclopentadiene

Concen: 79.713 ng

RT: 12.90 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG037731.D

Acq: 1 Nov 2018 23:05

Instrument :

BNA_G

ClientSampleId :

PB114358BS

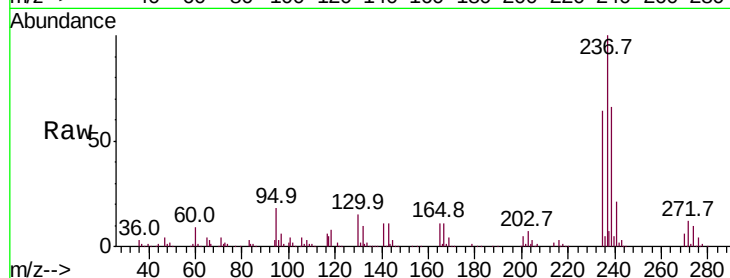
Tot Ion:237 Resp: 207752

Ion Ratio Lower Upper

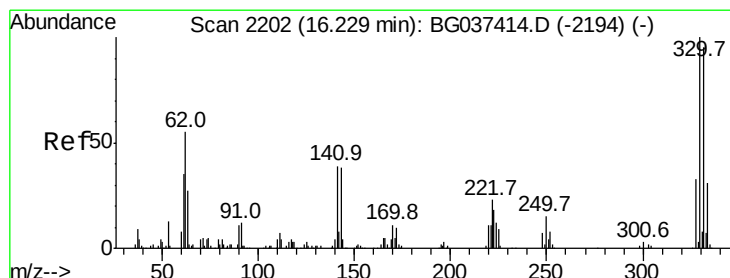
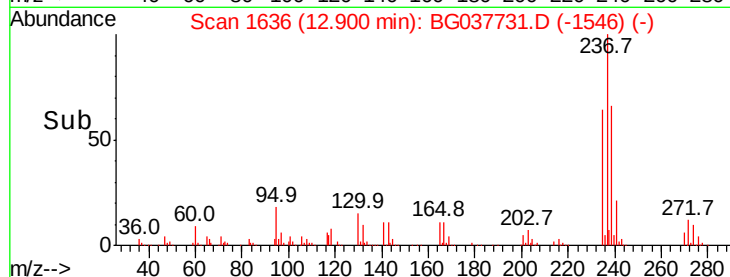
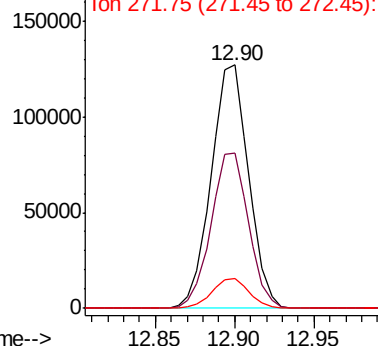
237 100

235 63.8 42.5 82.5

272 12.4 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: 67.232 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037731.D

Acq: 1 Nov 2018 23:05

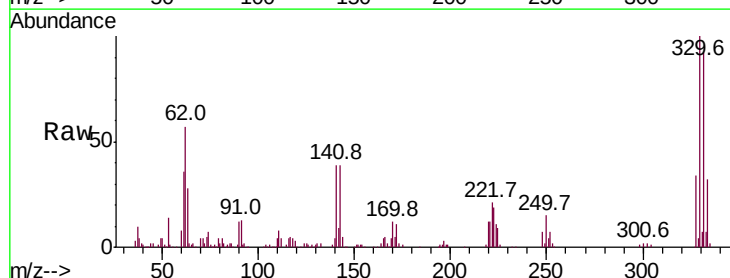
Tgt Ion:330 Resp: 124040

Ion Ratio Lower Upper

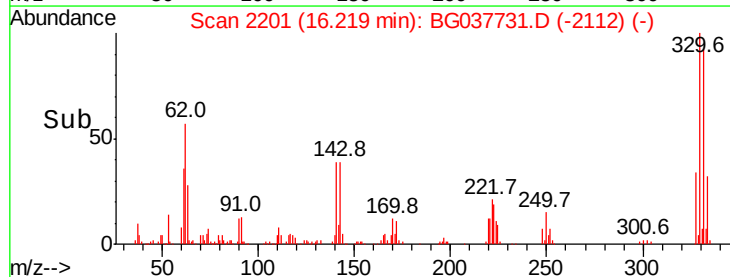
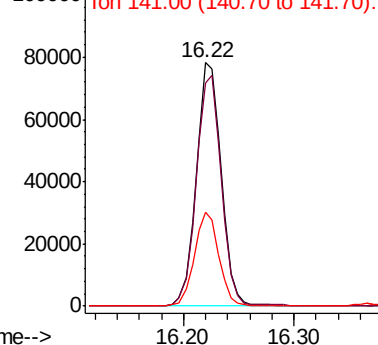
330 100

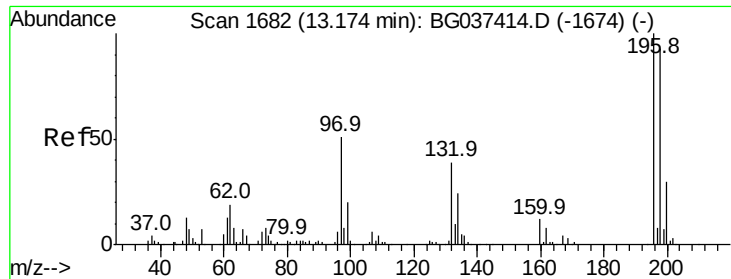
332 94.9 78.4 117.6

141 37.5 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

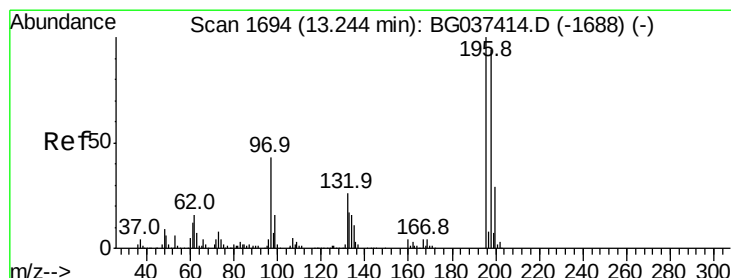
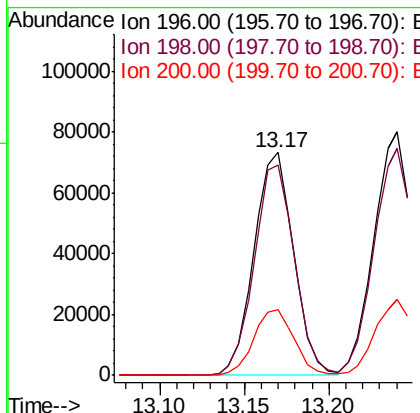
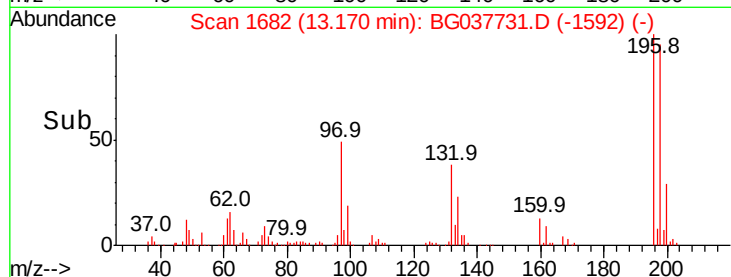
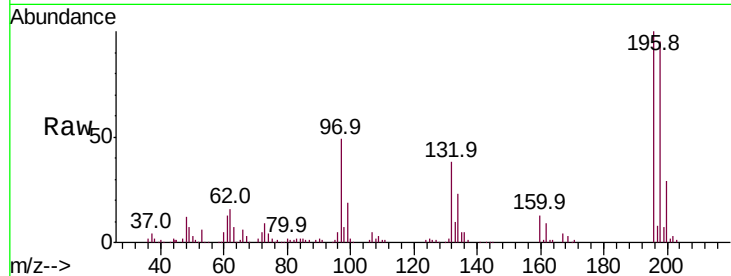




#43
 2,4,6-Trichlorophenol
 Concen: 32.880 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BG037731.D
 Acq: 1 Nov 2018 23:05

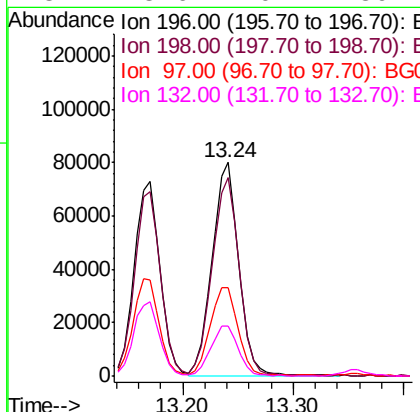
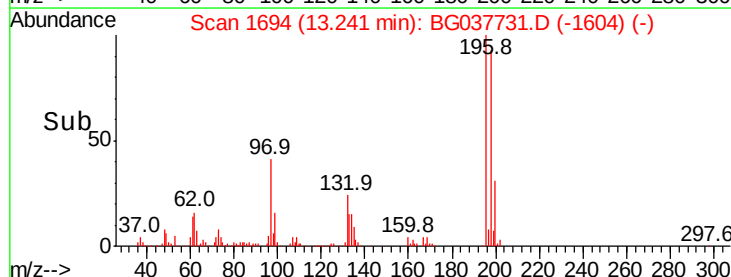
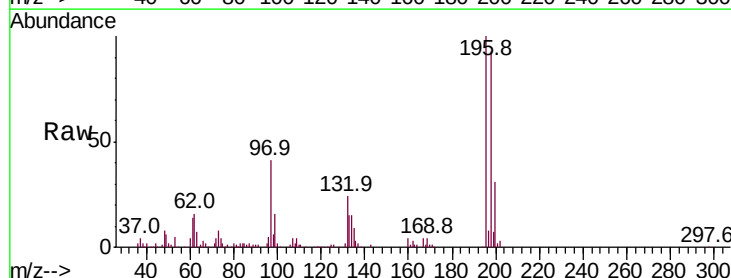
Instrument :
 BNA_G
 ClientSampleId :
 PB114358BS

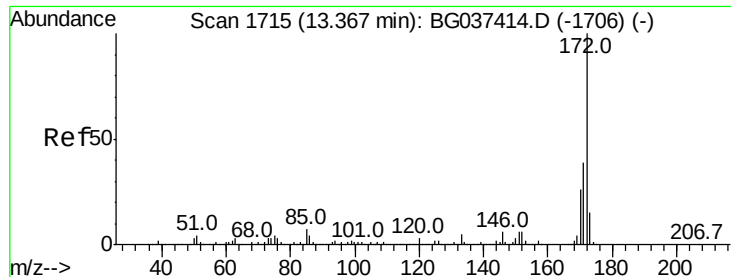
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.7	76.4	114.6
200	29.3	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 33.652 ng
 RT: 13.24 min Scan# 1694
 Delta R.T. -0.00 min
 Lab File: BG037731.D
 Acq: 1 Nov 2018 23:05

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.0	74.2	111.2
97	41.3	34.1	51.1
132	23.6	20.2	30.4

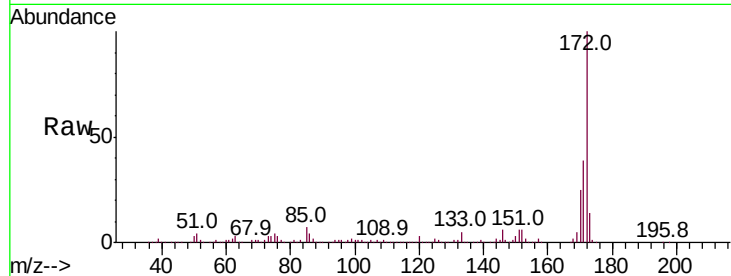




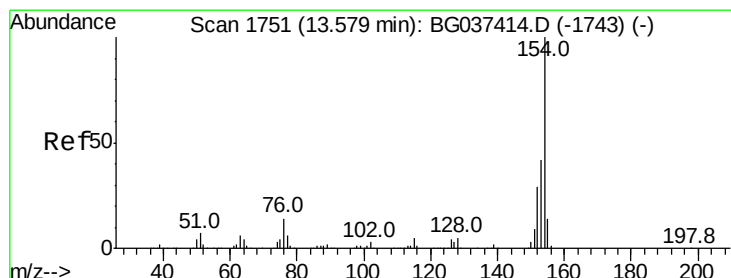
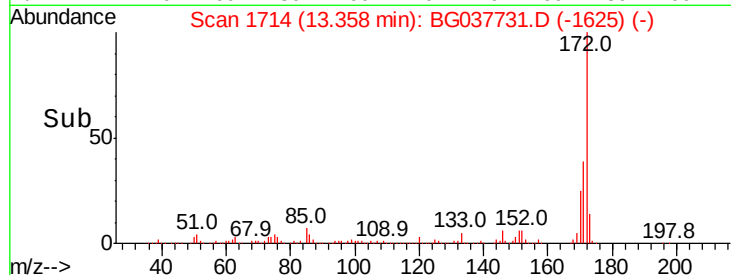
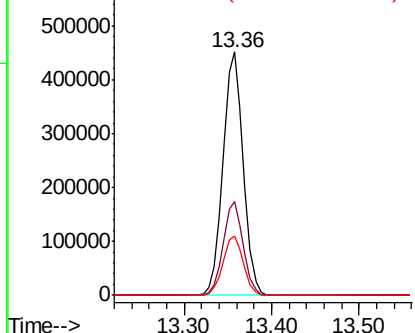
#45
2-Fluorobiphenyl
Concen: 63.967 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037731.D
Acq: 1 Nov 2018 23:05

Instrument :
BNA_G
ClientSampleId :
PB114358BS

Tot Ion:172 Resp: 717552
Ion Ratio Lower Upper
172 100
171 38.6 31.0 46.4
170 24.6 20.2 30.2

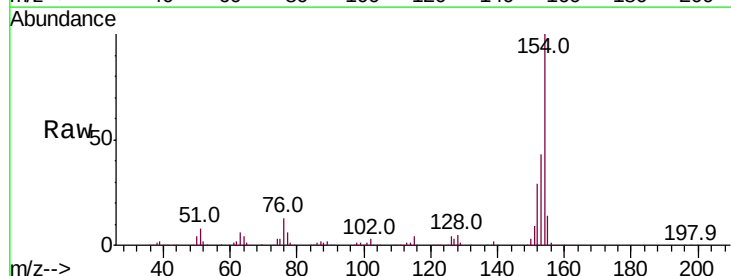


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

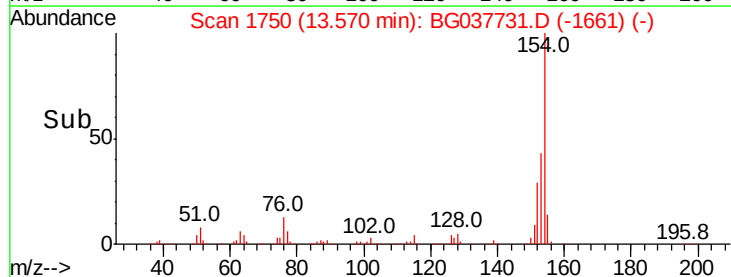
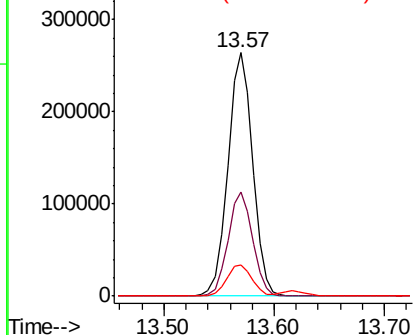


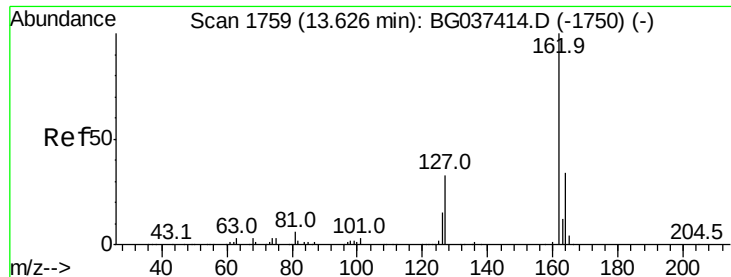
#46
1,1'-Biphenyl
Concen: 29.519 ng
RT: 13.57 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BG037731.D
Acq: 1 Nov 2018 23:05

Tgt Ion:154 Resp: 413523
Ion Ratio Lower Upper
154 100
153 42.6 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

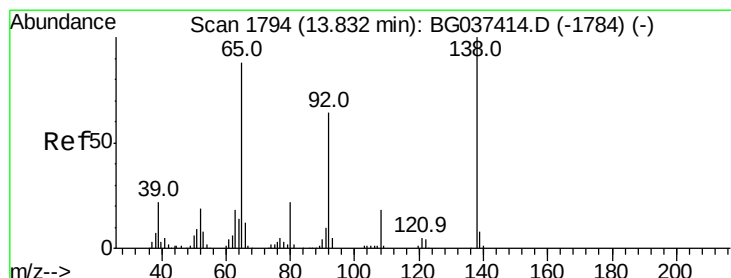
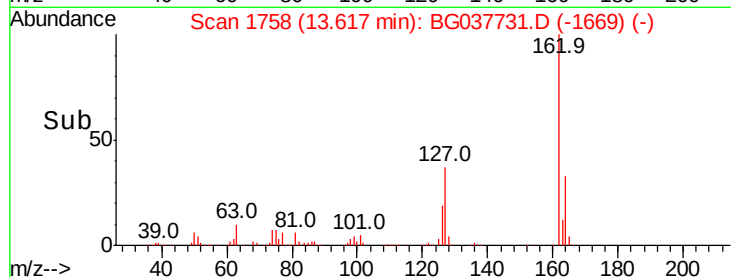
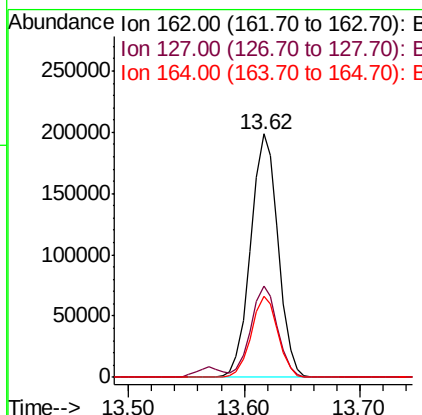
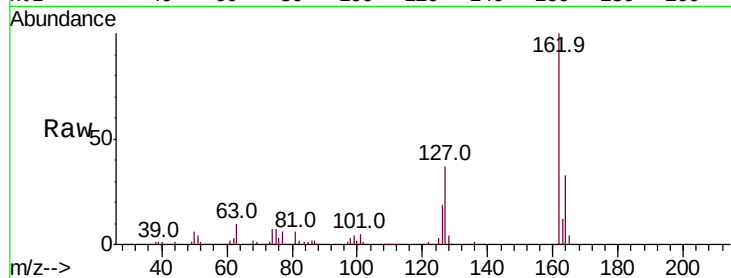




#47
2-Chloronaphthalene
Concen: 30.920 ng
RT: 13.62 min Scan# 1758
Delta R.T. -0.01 min
Lab File: BG037731.D
Acq: 1 Nov 2018 23:05

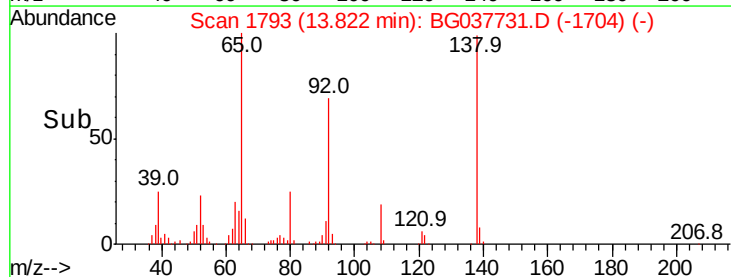
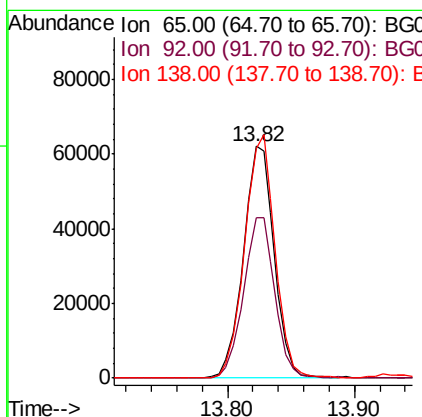
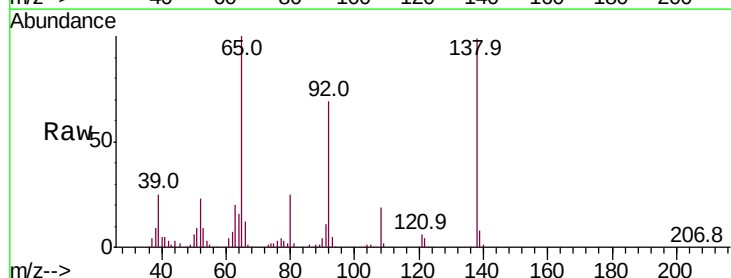
Instrument :
BNA_G
ClientSampleId :
PB114358BS

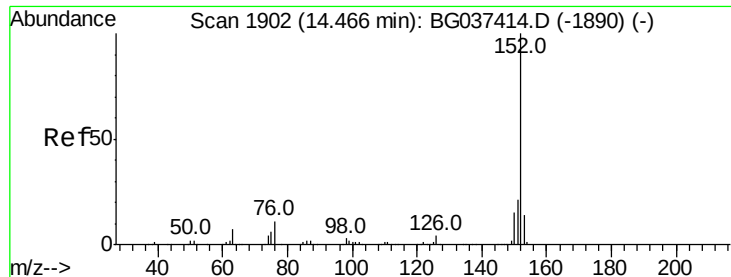
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.3	30.5	45.7
164	33.4	26.4	39.6



#48
2-Nitroaniline
Concen: 32.646 ng
RT: 13.82 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BG037731.D
Acq: 1 Nov 2018 23:05

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.3	53.2	79.8
138	99.2	79.3	118.9





#49

Acenaphthylene

Concen: 33.416 ng

RT: 14.46 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG037731.D

Acq: 1 Nov 2018 23:05

Instrument :

BNA_G

ClientSampleId :

PB114358BS

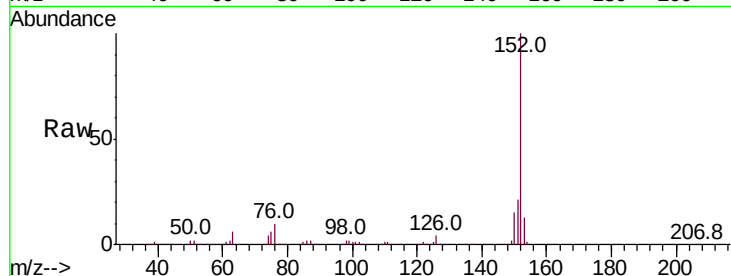
Tot Ion:152 Resp: 532748

Ion Ratio Lower Upper

152 100

151 21.4 17.1 25.7

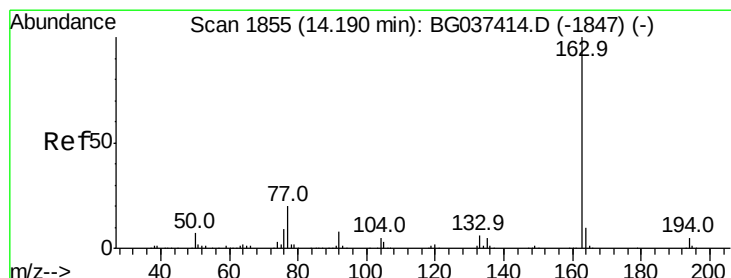
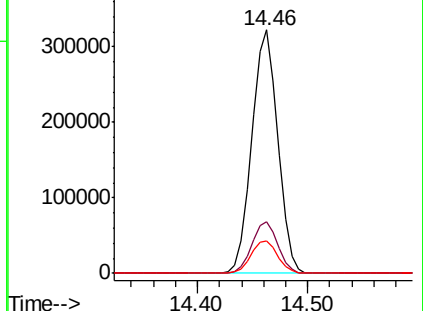
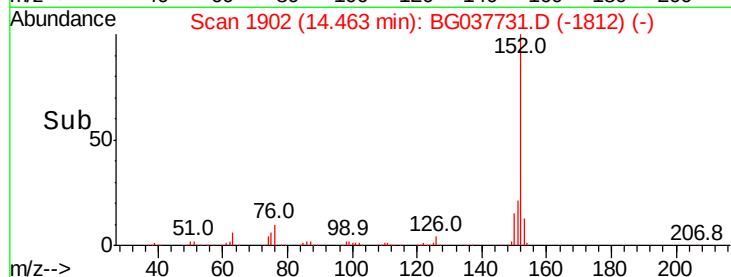
153 13.4 11.1 16.7



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: 31.451 ng

RT: 14.18 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BG037731.D

Acq: 1 Nov 2018 23:05

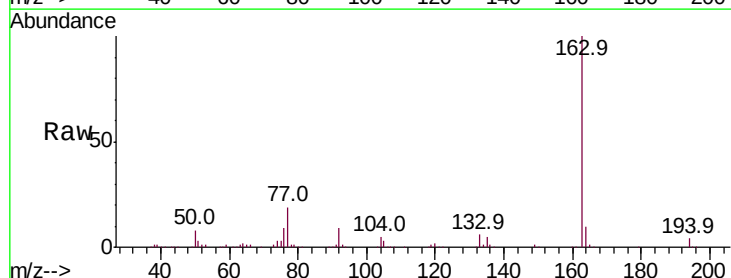
Tgt Ion:163 Resp: 411573

Ion Ratio Lower Upper

163 100

194 4.1 3.5 5.3

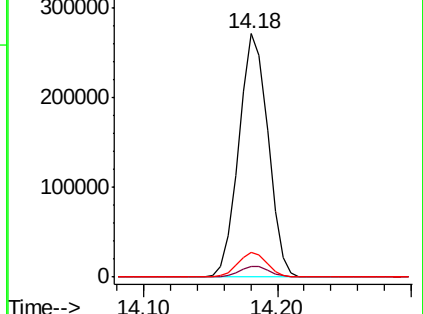
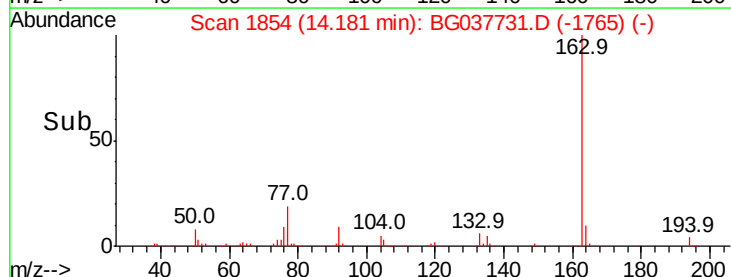
164 10.3 8.5 12.7

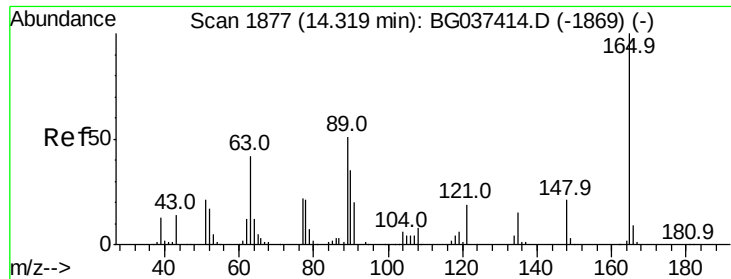


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

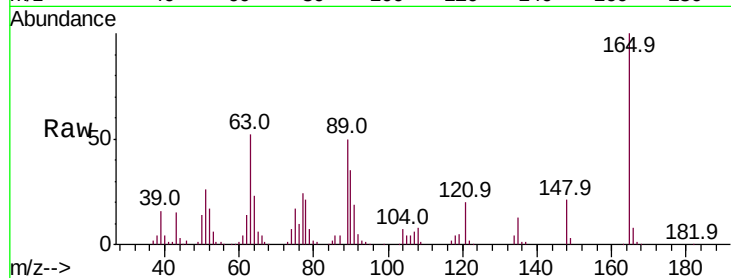




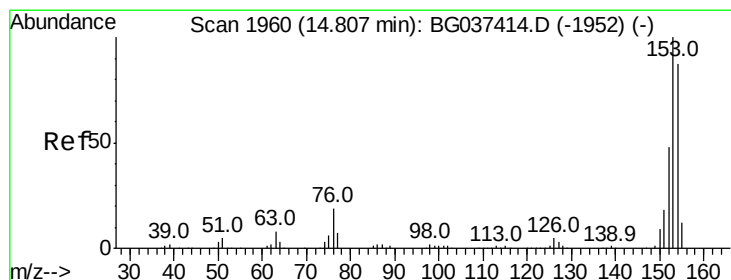
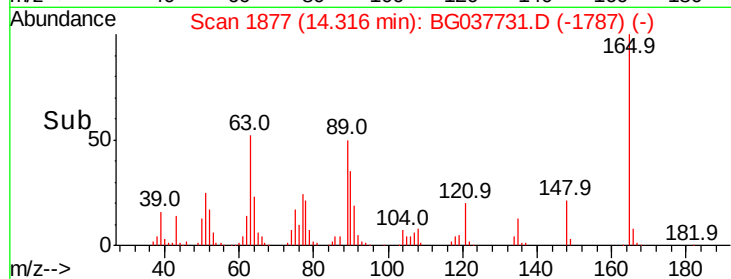
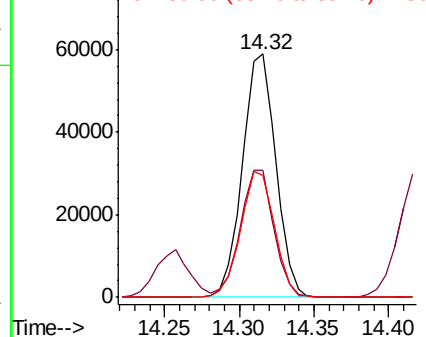
#51
 2,6-Dinitrotoluene
 Concen: 31.533 ng
 RT: 14.32 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: BG037731.D
 Acq: 1 Nov 2018 23:05

Instrument :
 BNA_G
 ClientSampleID :
 PB114358BS

Tot Ion:165 Resp: 91286
 Ion Ratio Lower Upper
 165 100
 63 52.2 43.4 65.2
 89 50.1 45.8 68.6

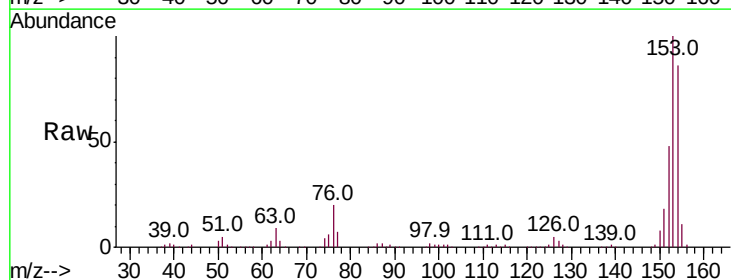


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

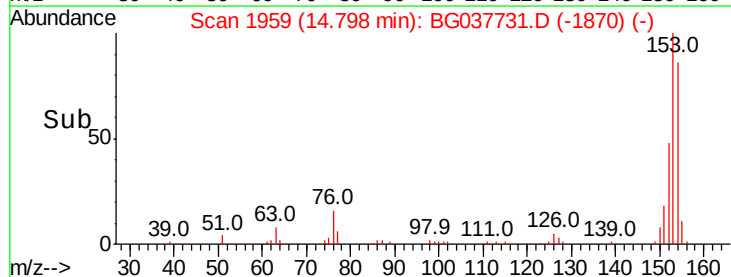
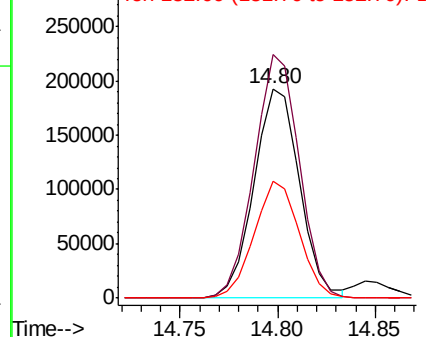


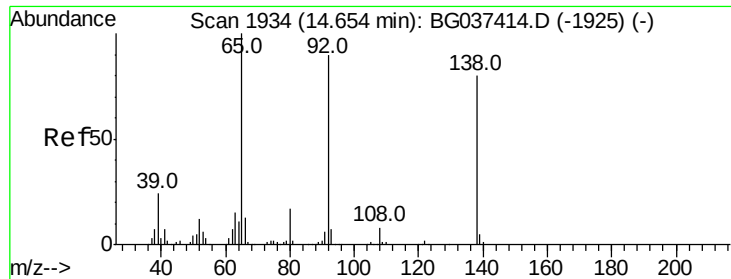
#52
 Acenaphthene
 Concen: 31.649 ng
 RT: 14.80 min Scan# 1959
 Delta R.T. -0.01 min
 Lab File: BG037731.D
 Acq: 1 Nov 2018 23:05

Tgt Ion:154 Resp: 310750
 Ion Ratio Lower Upper
 154 100
 153 116.3 93.4 140.0
 152 56.1 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

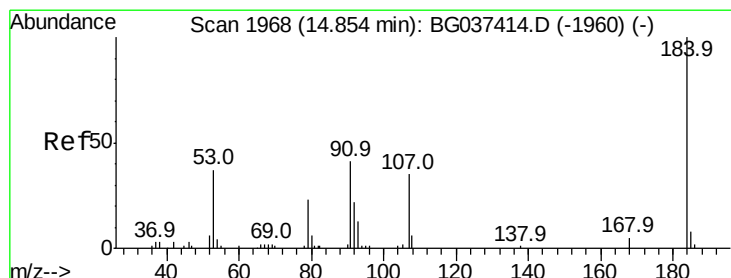
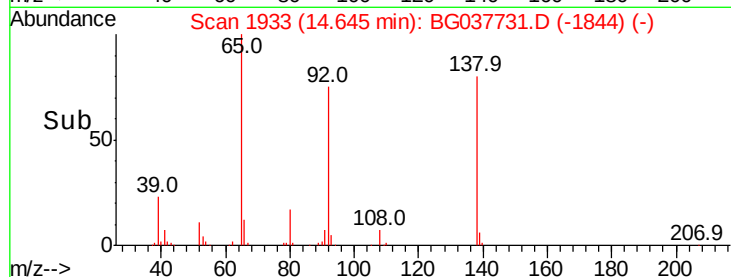
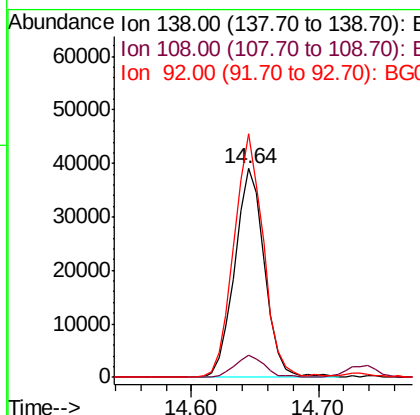
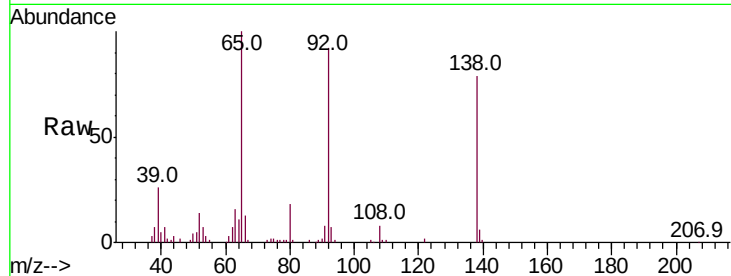




#53
 3-Nitroaniline
 Concen: 19.674 ng
 RT: 14.64 min Scan# 1933
 Delta R.T. -0.01 min
 Lab File: BG037731.D
 Acq: 1 Nov 2018 23:05

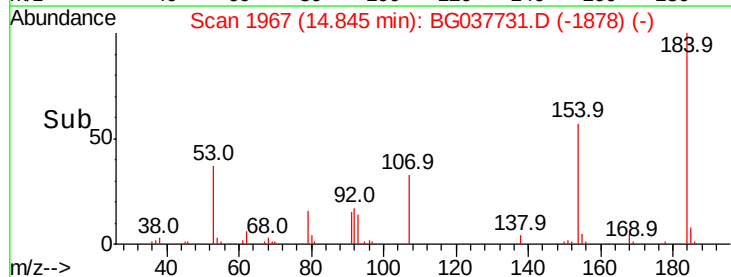
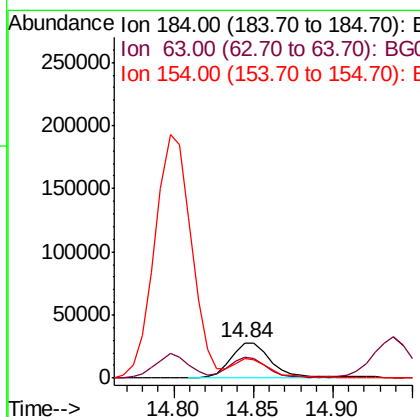
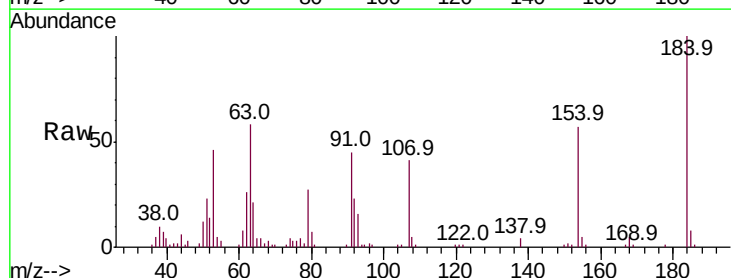
Instrument :
 BNA_G
 ClientSampleId :
 PB114358BS

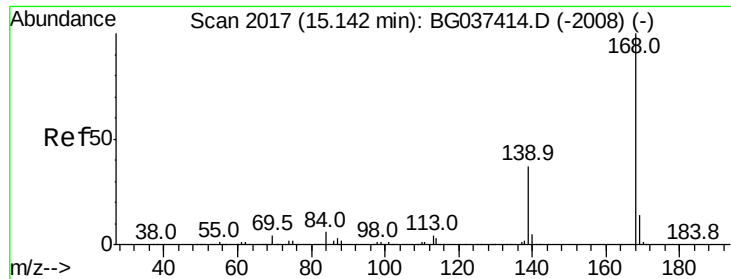
Tot Ion:138 Resp: 63226
 Ion Ratio Lower Upper
 138 100
 108 10.8 11.0 16.6#
 92 116.6 95.2 142.8



#54
 2,4-Dinitrophenol
 Concen: 50.587 ng
 RT: 14.84 min Scan# 1967
 Delta R.T. -0.01 min
 Lab File: BG037731.D
 Acq: 1 Nov 2018 23:05

Tgt Ion:184 Resp: 48731
 Ion Ratio Lower Upper
 184 100
 63 58.0 42.6 63.8
 154 57.1 41.8 62.6

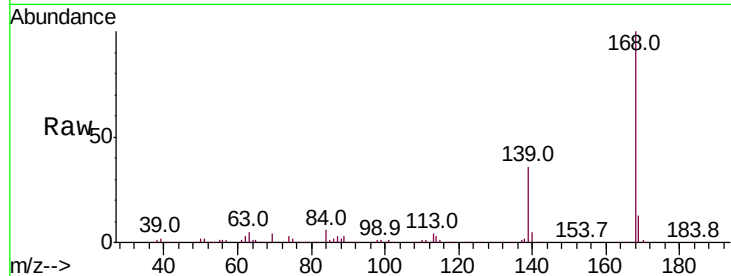




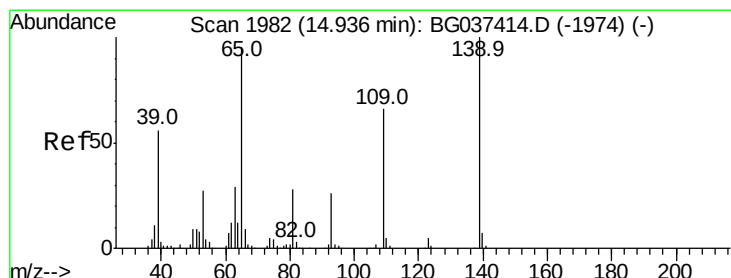
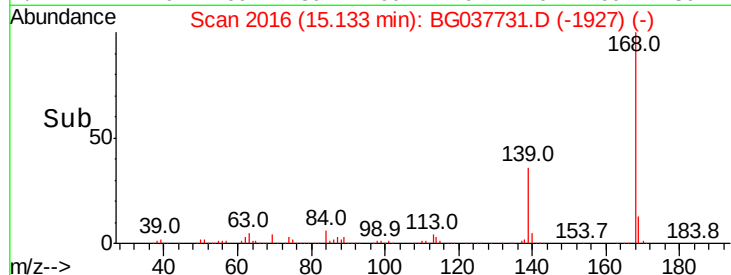
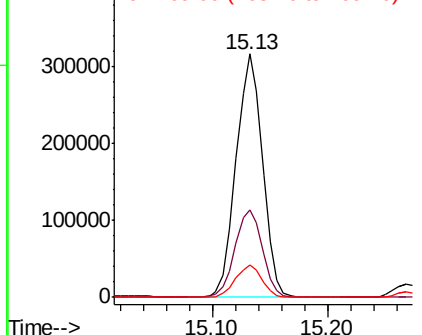
#55
Dibenzofuran
Concen: 30.745 ng
RT: 15.13 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG037731.D
Acq: 1 Nov 2018 23:05

Instrument :
BNA_G
ClientSampleId :
PB114358BS

Tot Ion:168 Resp: 500146
Ion Ratio Lower Upper
168 100
139 35.9 29.4 44.0
169 13.4 11.0 16.6

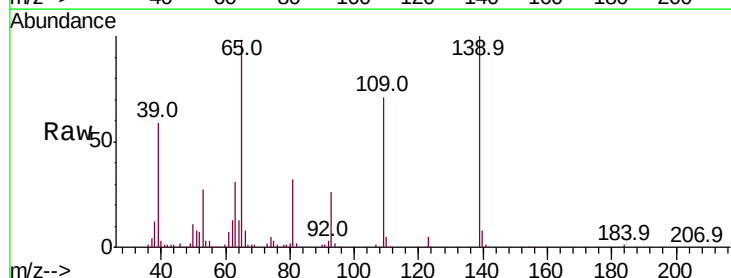


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

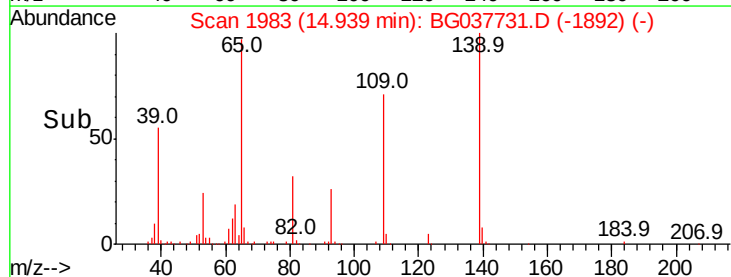
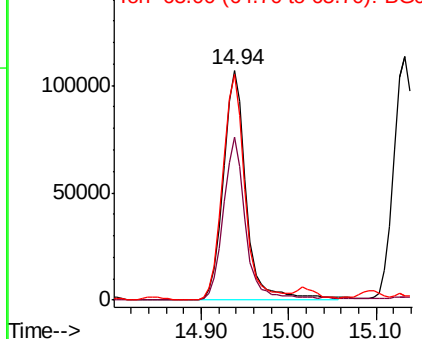


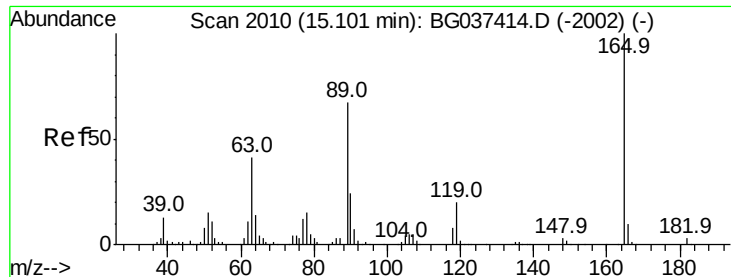
#56
4-Nitrophenol
Concen: 81.444 ng
RT: 14.94 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BG037731.D
Acq: 1 Nov 2018 23:05

Tgt Ion:139 Resp: 193739
Ion Ratio Lower Upper
139 100
109 71.1 49.5 89.5
65 98.1 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

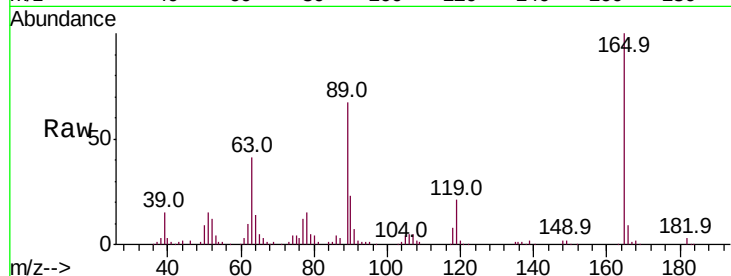




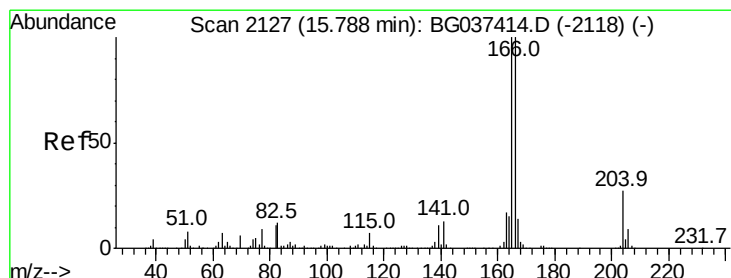
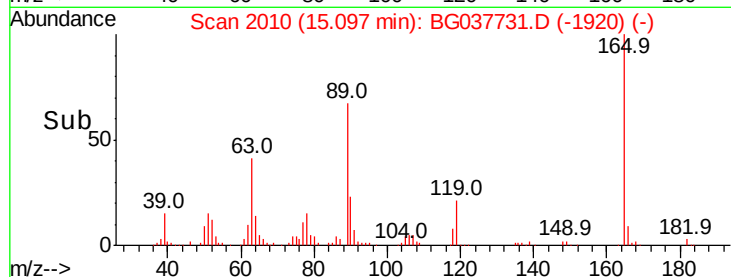
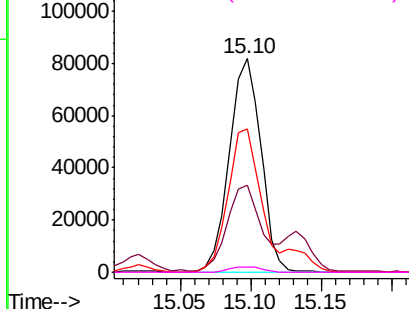
#57
 2,4-Dinitrotoluene
 Concen: 33.655 ng
 RT: 15.10 min Scan# 2010
 Delta R.T. -0.00 min
 Lab File: BG037731.D
 Acq: 1 Nov 2018 23:05

Instrument :
 BNA_G
 ClientSampleId :
 PB114358BS

Tot Ion:165 Resp: 127891
 Ion Ratio Lower Upper
 165 100
 63 41.0 33.4 50.0
 89 67.1 57.2 85.8
 182 2.7 2.6 4.0

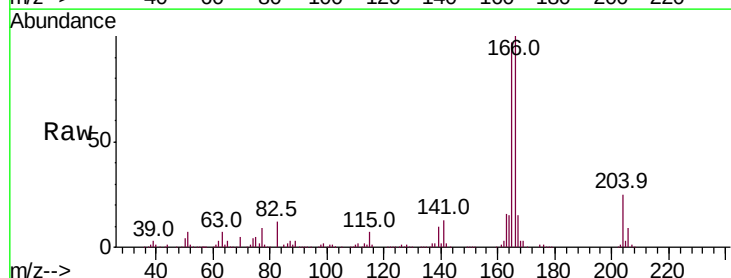


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

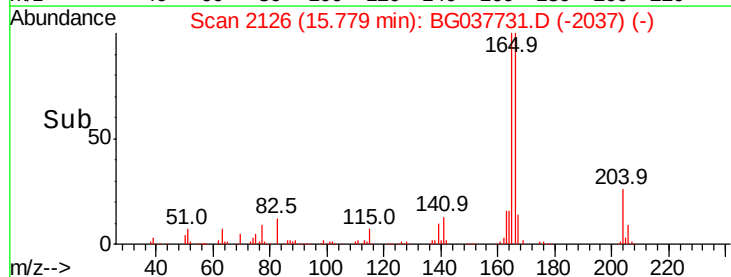
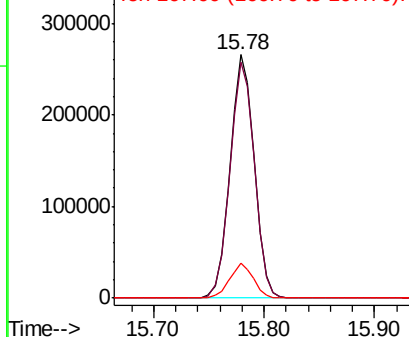


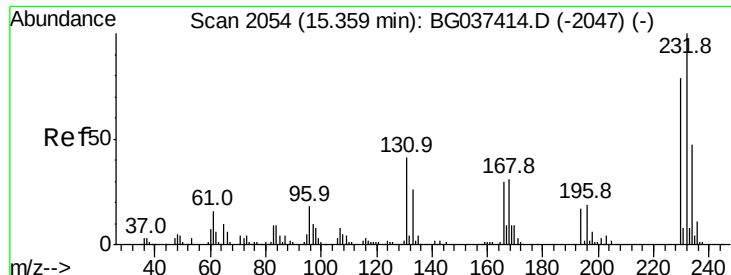
#58
 Fluorene
 Concen: 33.370 ng
 RT: 15.78 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BG037731.D
 Acq: 1 Nov 2018 23:05

Tgt Ion:166 Resp: 406523
 Ion Ratio Lower Upper
 166 100
 165 97.1 79.0 118.6
 167 14.6 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

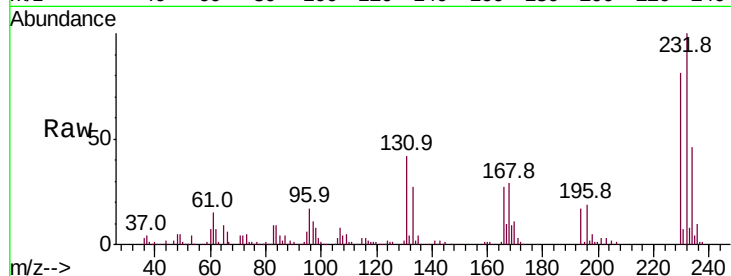




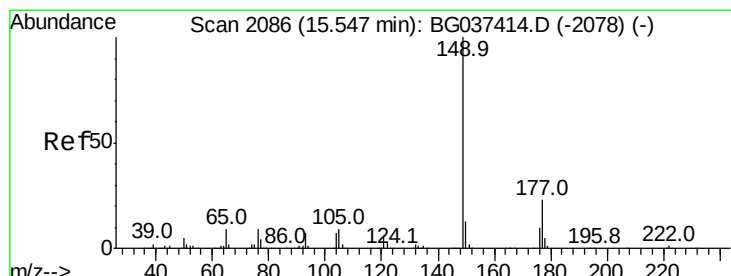
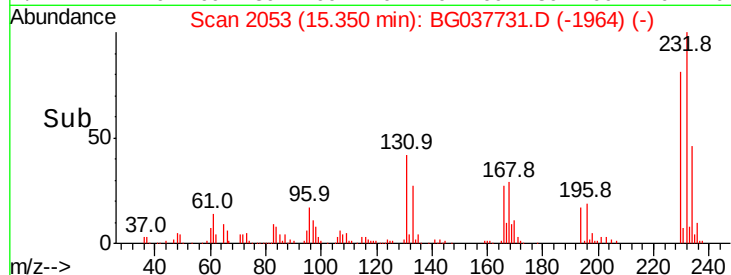
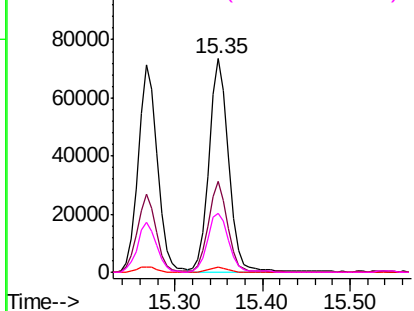
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 34.108 ng
 RT: 15.35 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BG037731.D
 Acq: 1 Nov 2018 23:05

Instrument :
 BNA_G
 ClientSampleId :
 PB114358BS

Tot Ion:	232	Resp:	115899
Ion	Ratio	Lower	Upper
232	100		
131	40.4	33.7	50.5
130	2.2	2.1	3.1
166	29.5	24.6	36.8

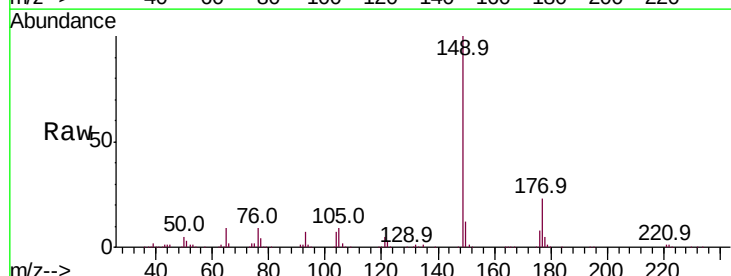


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

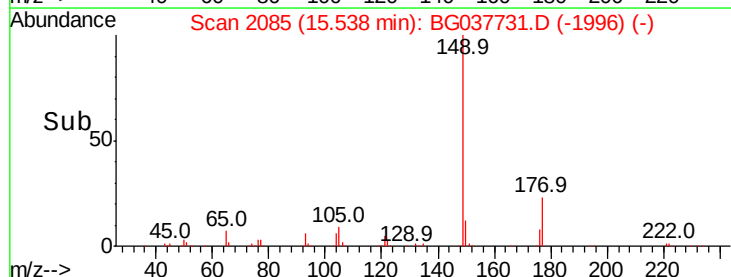
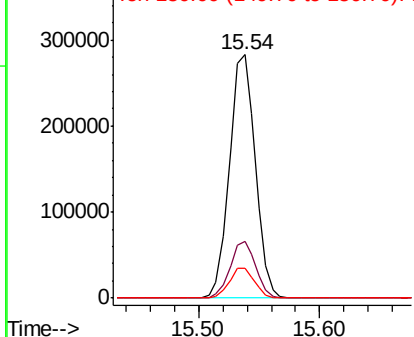


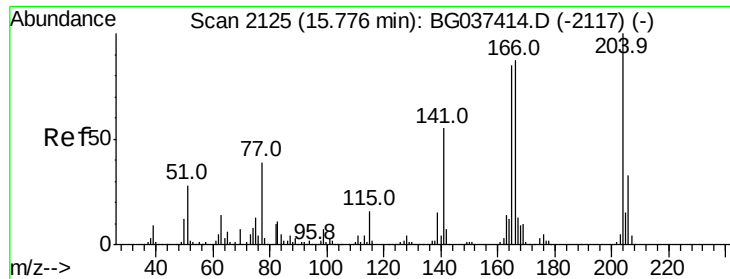
#60
 Diethylphthalate
 Concen: 31.343 ng
 RT: 15.54 min Scan# 2085
 Delta R.T. -0.01 min
 Lab File: BG037731.D
 Acq: 1 Nov 2018 23:05

Tgt Ion:	149	Resp:	421083
Ion	Ratio	Lower	Upper
149	100		
177	23.5	18.3	27.5
150	12.4	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

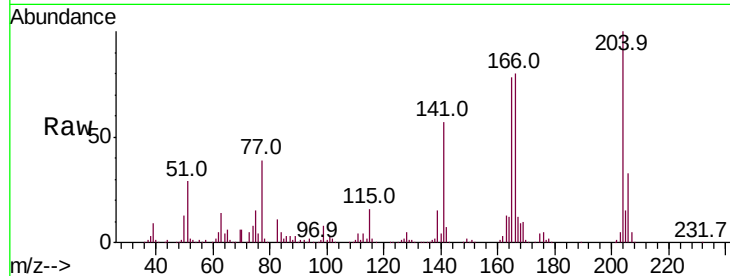




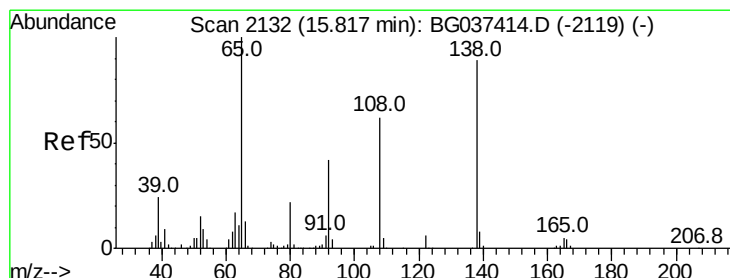
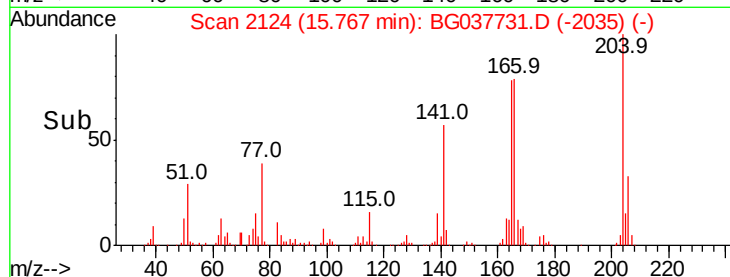
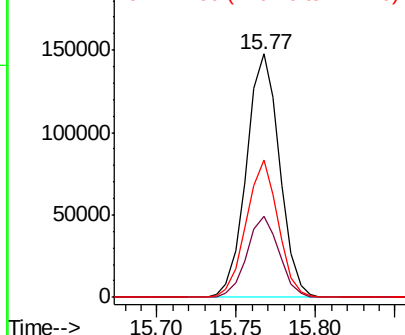
#61
4-Chlorophenyl-phenylether
Concen: 30.131 ng
RT: 15.77 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BG037731.D
Acq: 1 Nov 2018 23:05

Instrument :
BNA_G
ClientSampleId :
PB114358BS

Tot Ion:204 Resp: 213944
Ion Ratio Lower Upper
204 100
206 33.4 26.6 39.8
141 56.7 45.4 68.2

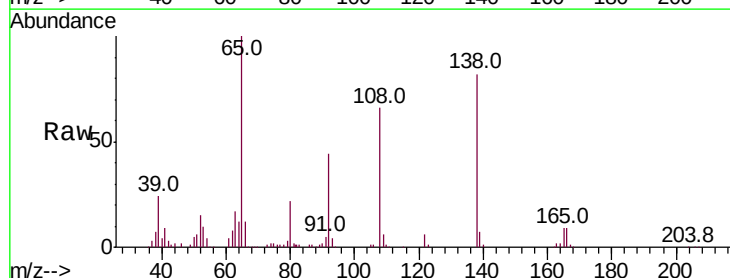


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

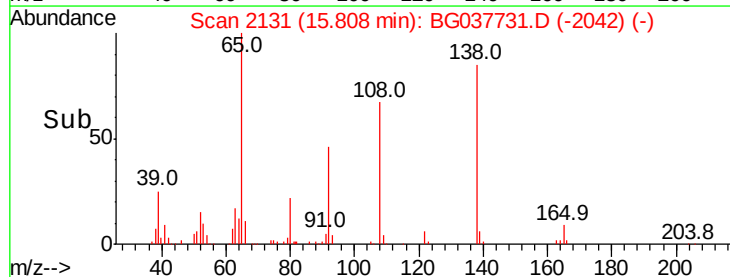
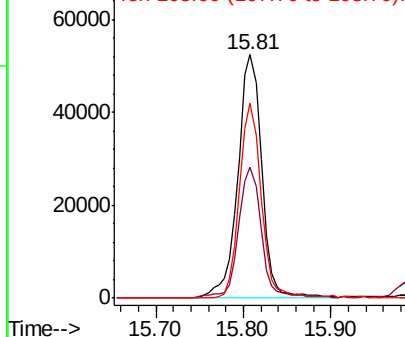


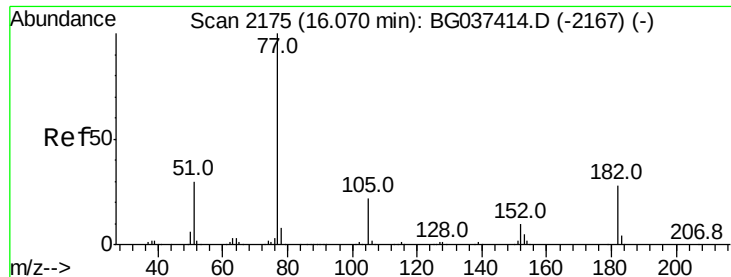
#62
4-Nitroaniline
Concen: 30.285 ng
RT: 15.81 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BG037731.D
Acq: 1 Nov 2018 23:05

Tgt Ion:138 Resp: 96713
Ion Ratio Lower Upper
138 100
92 53.8 36.4 76.4
108 79.8 60.1 100.1



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





#63

Azobenzene

Concen: 31.402 ng

RT: 16.06 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BG037731.D

Acq: 1 Nov 2018 23:05

Instrument :

BNA_G

ClientSampleId :

PB114358BS

Tot Ion: 77 Resp: 402524

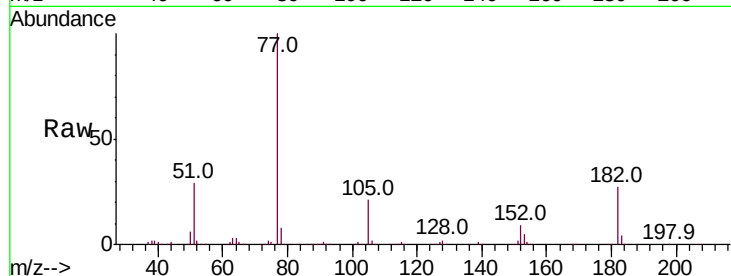
Ion Ratio Lower Upper

77 100

182 27.2 8.0 48.0

105 20.8 1.3 41.3

51 29.2 10.7 50.7

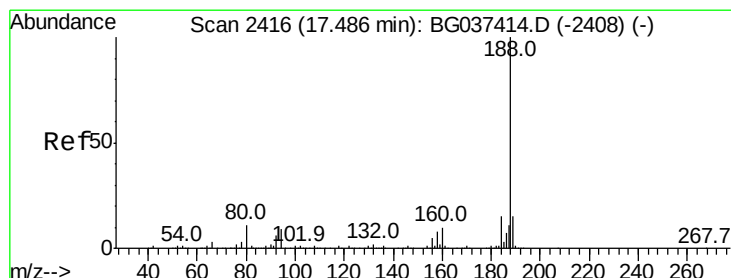
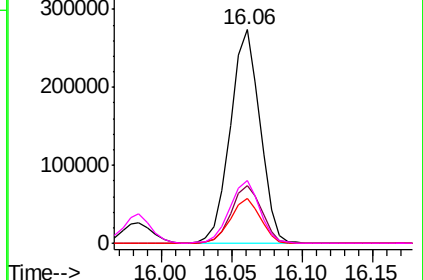
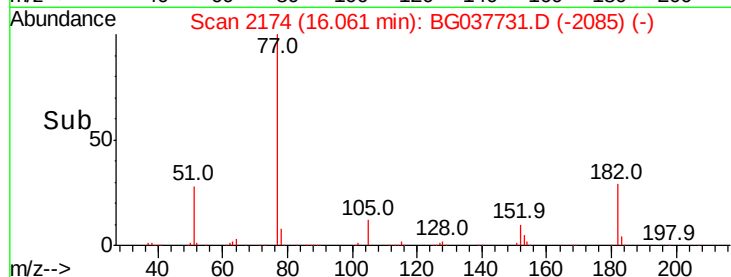


Abundance Ion 77.00 (76.70 to 77.70): BGC

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# 2416

Delta R.T. -0.00 min

Lab File: BG037731.D

Acq: 1 Nov 2018 23:05

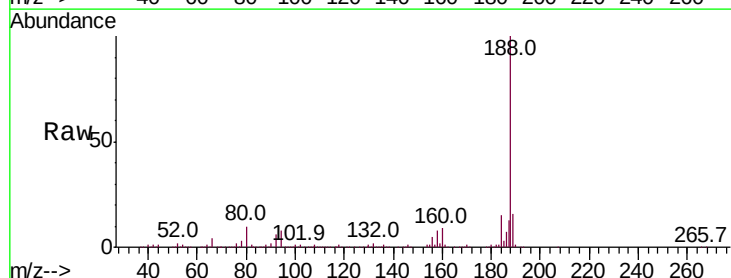
Tgt Ion: 188 Resp: 378518

Ion Ratio Lower Upper

188 100

94 8.4 7.2 10.8

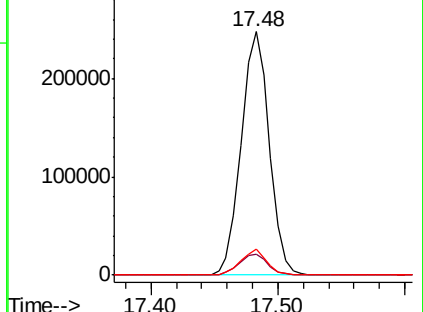
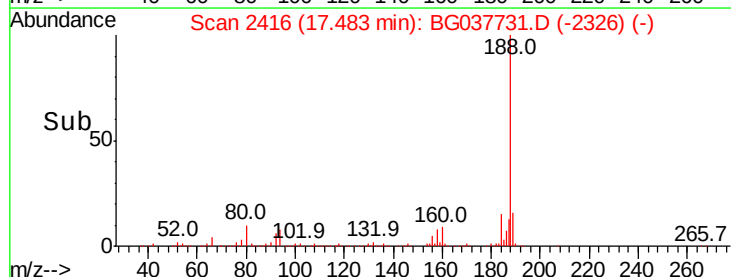
80 10.5 7.7 11.5

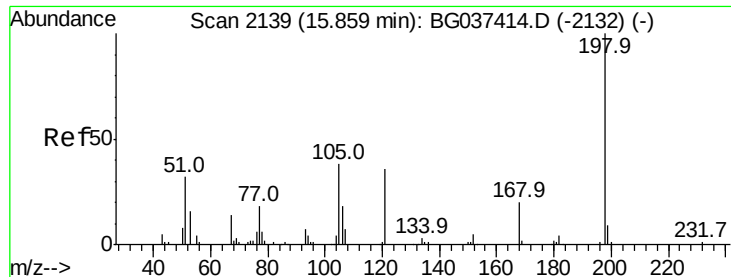


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

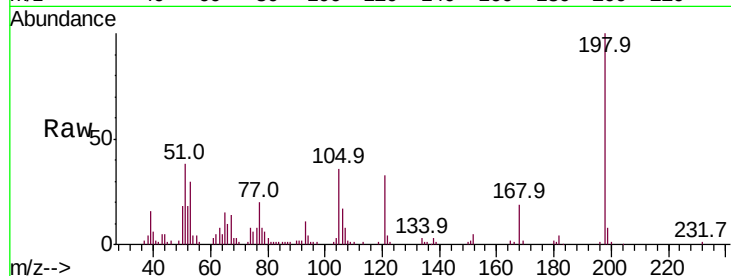




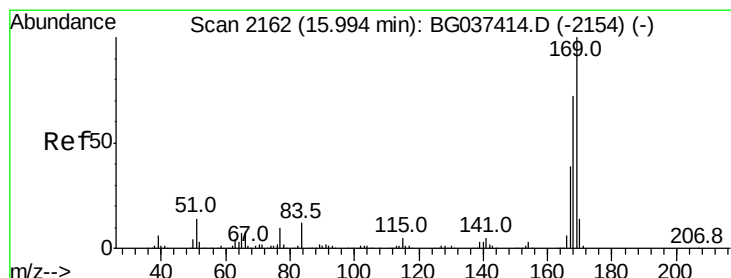
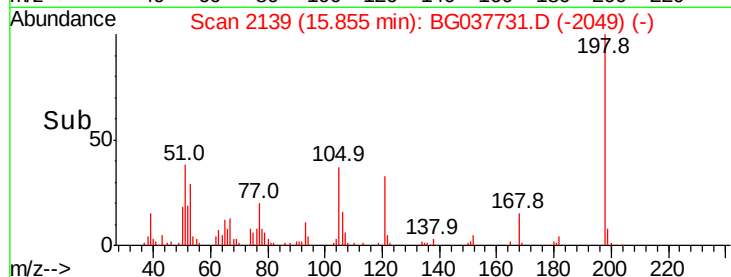
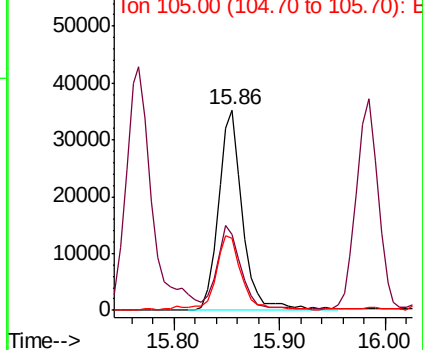
#65
4,6-Dinitro-2-methylphenol
Concen: 31.553 ng
RT: 15.86 min Scan# 2139
Delta R.T. -0.00 min
Lab File: BG037731.D
Acq: 1 Nov 2018 23:05

Instrument :
BNA_G
ClientSampleId :
PB114358BS

Tot Ion:198 Resp: 55636
Ion Ratio Lower Upper
198 100
51 37.9 22.7 62.7
105 36.2 19.7 59.7

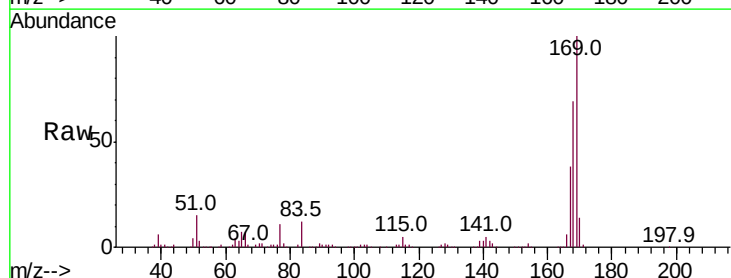


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

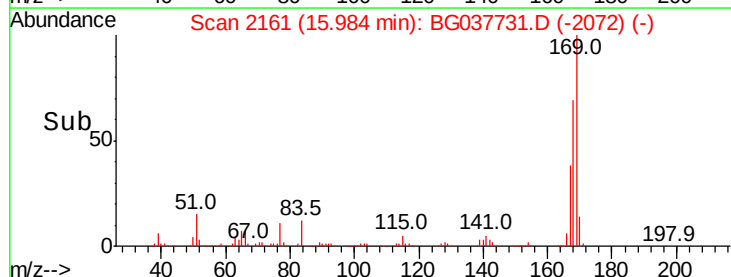
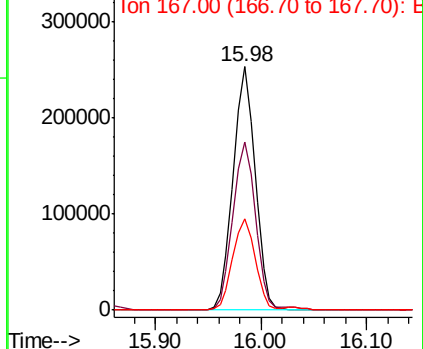


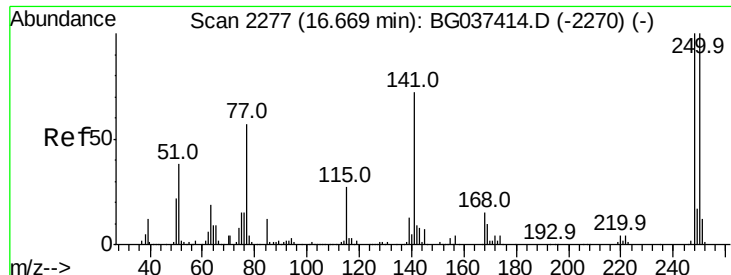
#66
n-Nitrosodiphenylamine
Concen: 32.104 ng
RT: 15.98 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BG037731.D
Acq: 1 Nov 2018 23:05

Tgt Ion:169 Resp: 365537
Ion Ratio Lower Upper
169 100
168 69.1 55.7 83.5
167 37.6 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

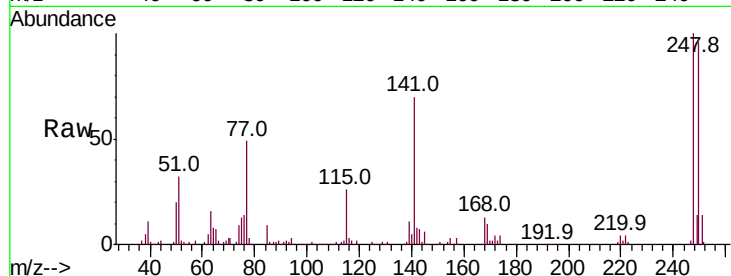




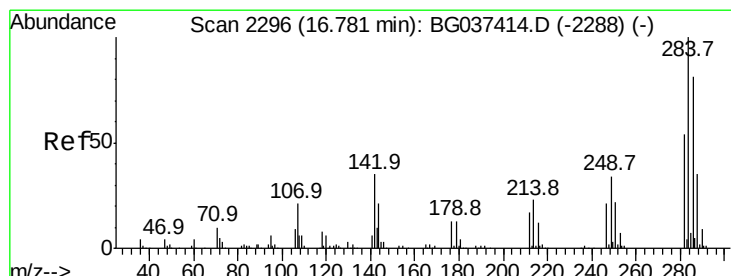
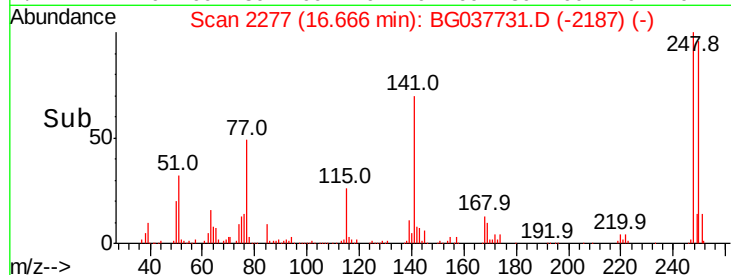
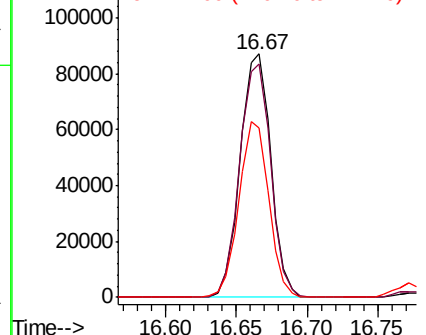
#67
 4-Bromophenyl-phenylether
 Concen: 31.739 ng
 RT: 16.67 min Scan# 2277
 Delta R.T. -0.00 min
 Lab File: BG037731.D
 Acq: 1 Nov 2018 23:05

Instrument :
 BNA_G
 ClientSampleId :
 PB114358BS

Tot Ion:248 Resp: 131931
 Ion Ratio Lower Upper
 248 100
 250 95.9 77.0 115.6
 141 69.6 55.5 83.3

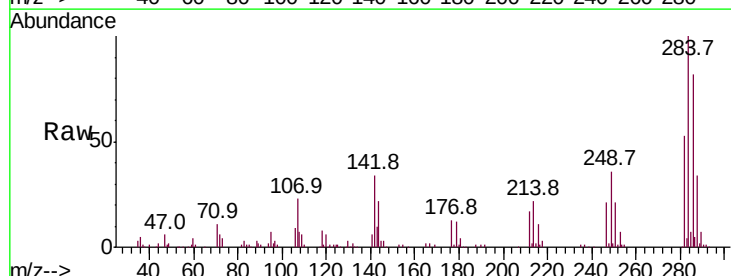


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

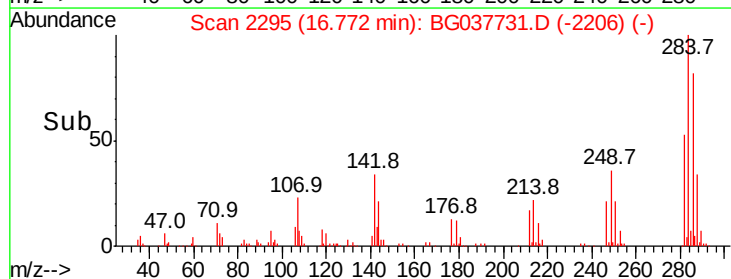
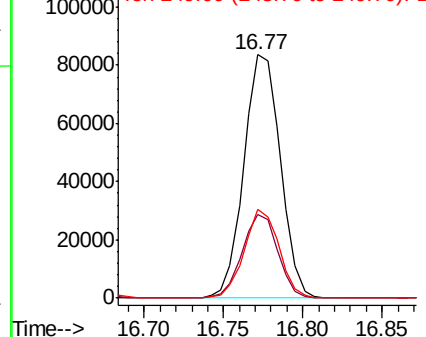


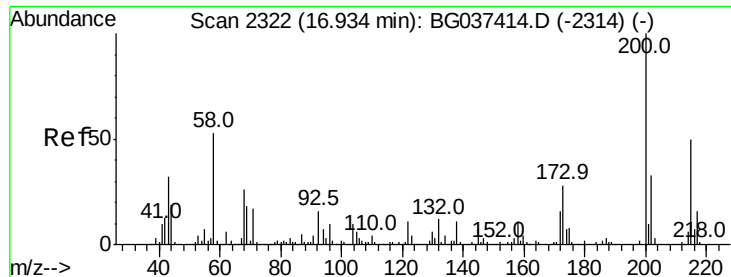
#68
 Hexachlorobenzene
 Concen: 31.023 ng
 RT: 16.77 min Scan# 2295
 Delta R.T. -0.01 min
 Lab File: BG037731.D
 Acq: 1 Nov 2018 23:05

Tgt Ion:284 Resp: 133651
 Ion Ratio Lower Upper
 284 100
 142 34.3 28.1 42.1
 249 38.7 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

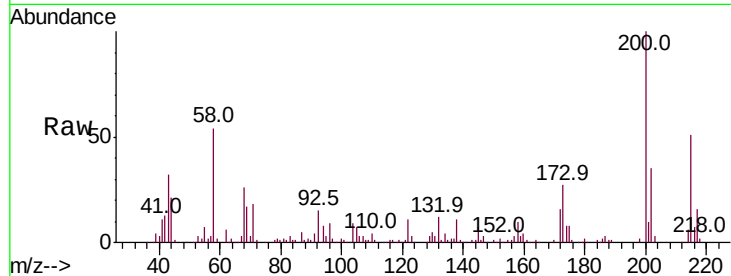




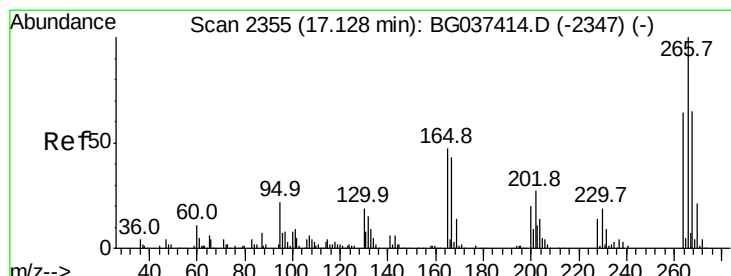
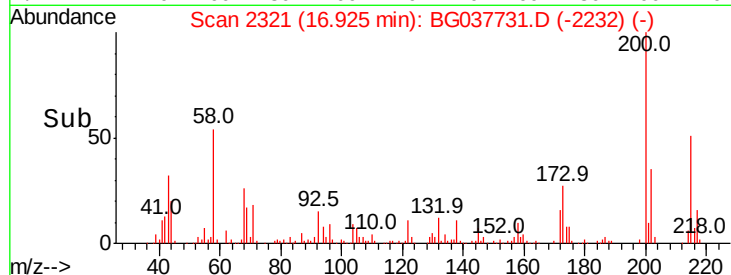
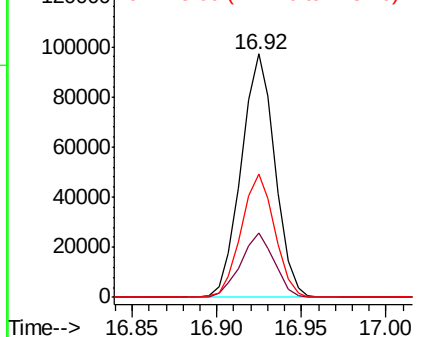
#69
 Atrazine
 Concen: 32.842 ng
 RT: 16.92 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG037731.D
 Acq: 1 Nov 2018 23:05

Instrument :
 BNA_G
 ClientSampleId :
 PB114358BS

Tot Ion:200 Resp: 135199
 Ion Ratio Lower Upper
 200 100
 173 26.7 6.1 46.1
 215 50.6 30.8 70.8

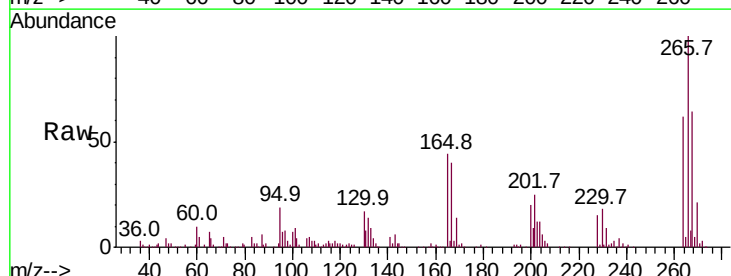


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

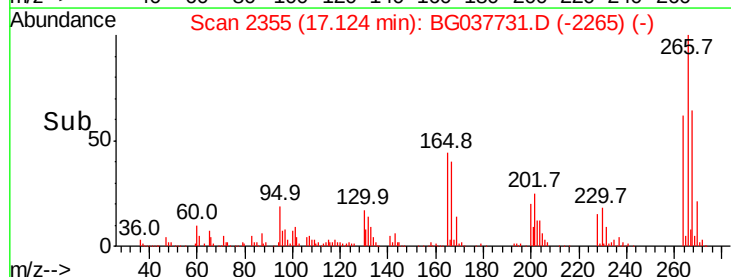
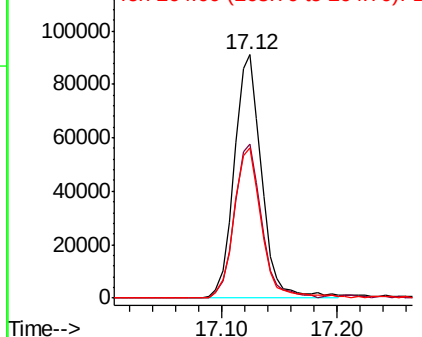


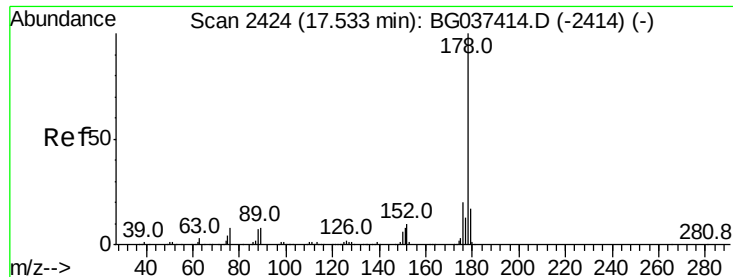
#70
 Pentachlorophenol
 Concen: 51.768 ng
 RT: 17.12 min Scan# 2355
 Delta R.T. -0.00 min
 Lab File: BG037731.D
 Acq: 1 Nov 2018 23:05

Tgt Ion:266 Resp: 149387
 Ion Ratio Lower Upper
 266 100
 268 68.8 55.0 82.6
 264 61.6 58.9 88.3



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

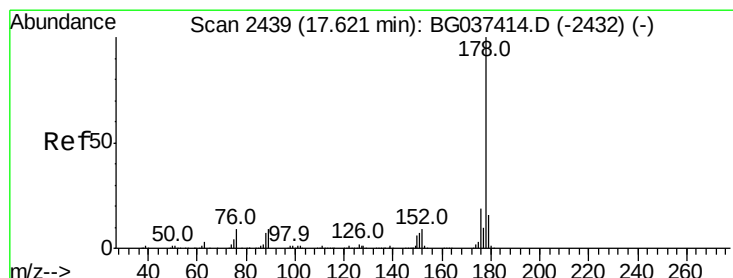
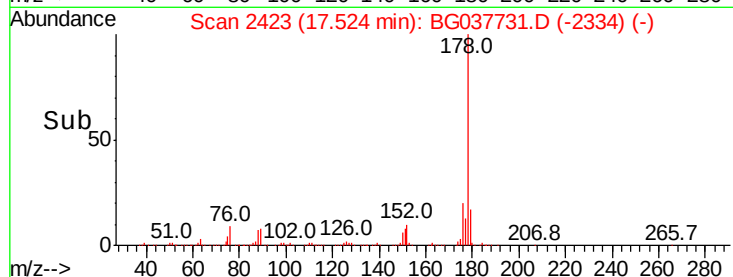
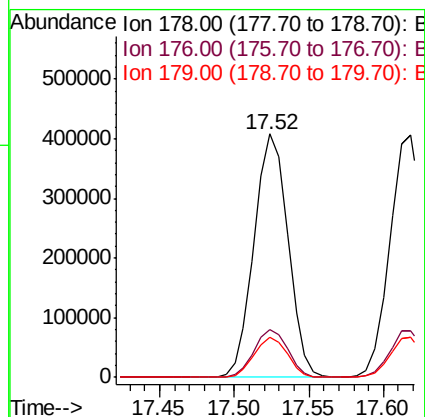
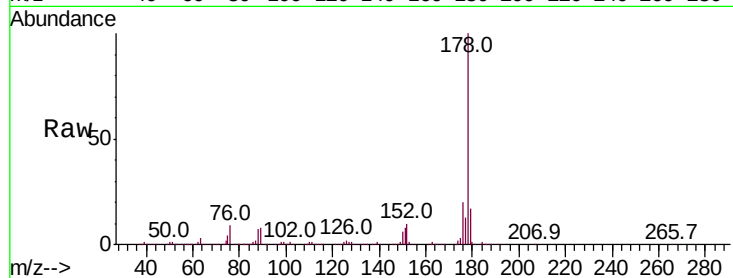




#71
Phenanthrene
Concen: 33.376 ng
RT: 17.52 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG037731.D
Acq: 1 Nov 2018 23:05

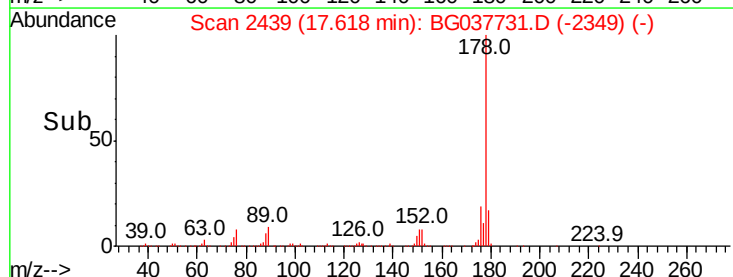
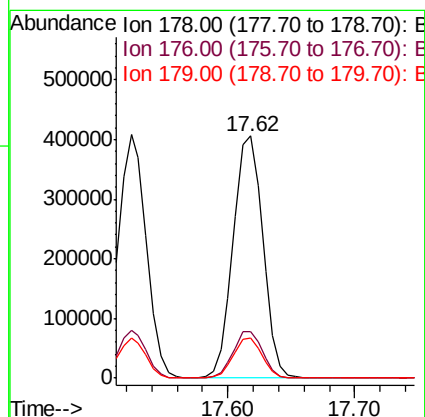
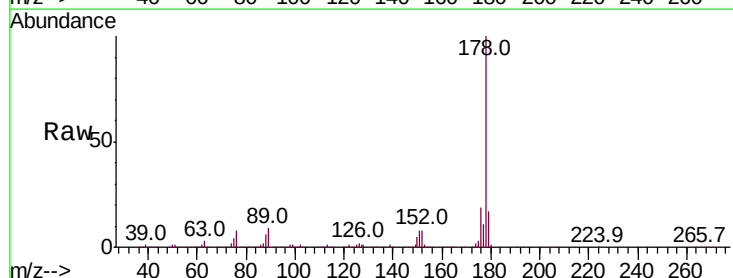
Instrument :
BNA_G
ClientSampleId :
PB114358BS

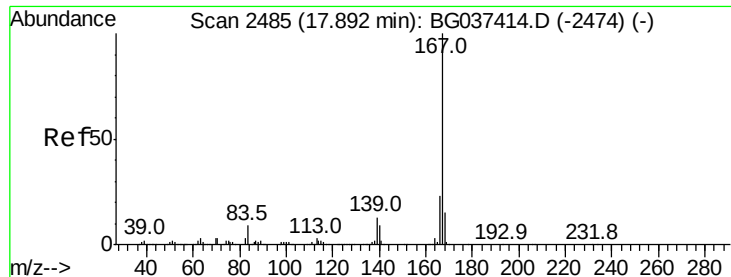
Tot Ion:178 Resp: 642062
Ion Ratio Lower Upper
178 100
176 19.8 16.1 24.1
179 16.7 13.0 19.4



#72
Anthracene
Concen: 34.791 ng
RT: 17.62 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG037731.D
Acq: 1 Nov 2018 23:05

Tgt Ion:178 Resp: 656811
Ion Ratio Lower Upper
178 100
176 19.3 15.0 22.4
179 16.8 12.8 19.2

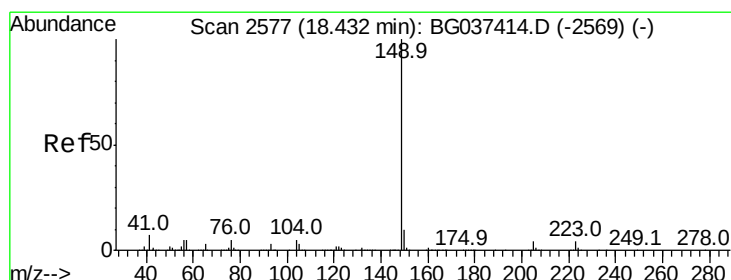
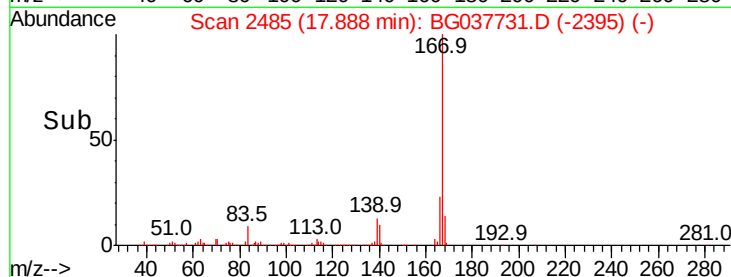
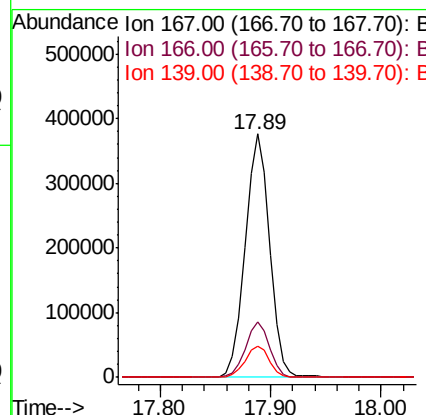
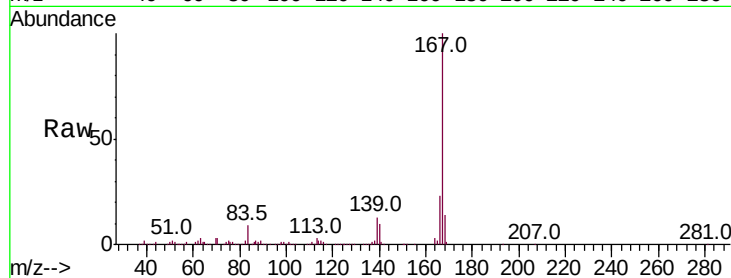




#73
 Carbazole
 Concen: 30.981 ng
 RT: 17.89 min Scan# 2485
 Delta R.T. -0.00 min
 Lab File: BG037731.D
 Acq: 1 Nov 2018 23:05

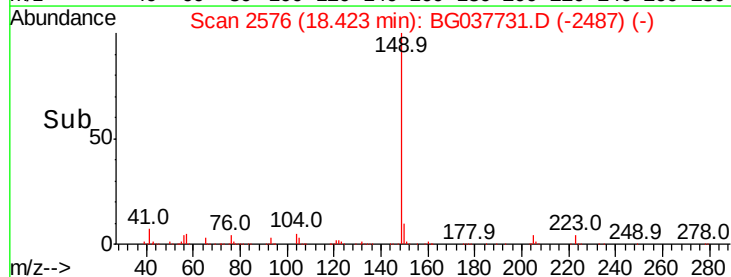
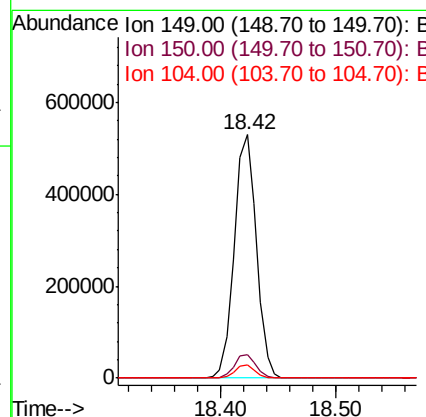
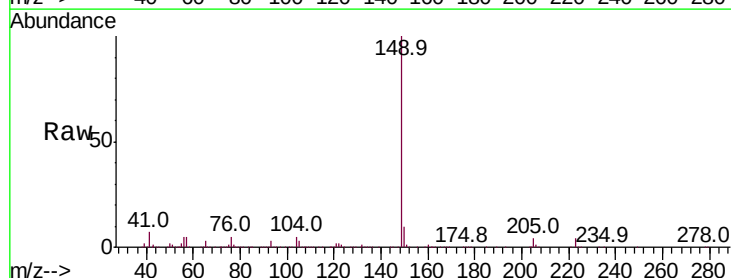
Instrument :
 BNA_G
 ClientSampleId :
 PB114358BS

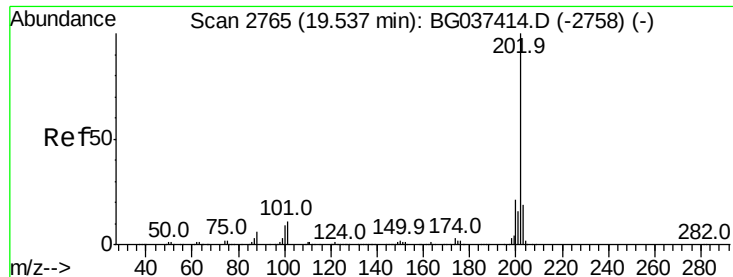
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.3	27.5
139	12.5	10.5	15.7



#74
 Di-n-butylphthalate
 Concen: 33.312 ng
 RT: 18.42 min Scan# 2576
 Delta R.T. -0.01 min
 Lab File: BG037731.D
 Acq: 1 Nov 2018 23:05

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	8.2	12.2
104	5.3	4.0	6.0





#75

Fluoranthene

Concen: 32.247 ng

RT: 19.53 min Scan# 2765

Delta R.T. -0.00 min

Lab File: BG037731.D

Acq: 1 Nov 2018 23:05

Instrument :

BNA_G

ClientSampleId :

PB114358BS

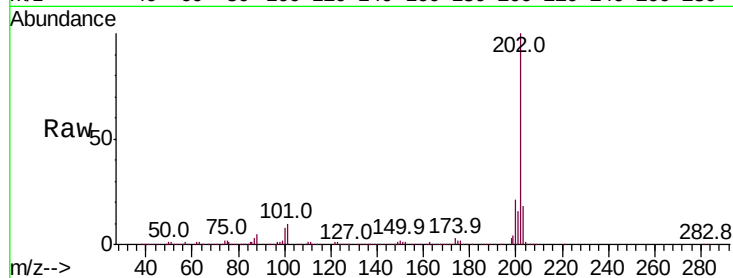
Tot Ion:202 Resp: 703584

Ion Ratio Lower Upper

202 100

101 9.9 0.0 30.7

203 18.1 0.0 38.5

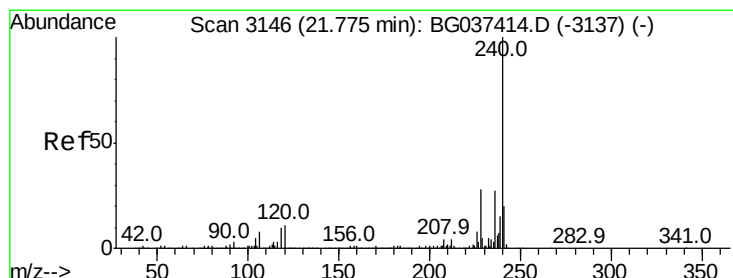
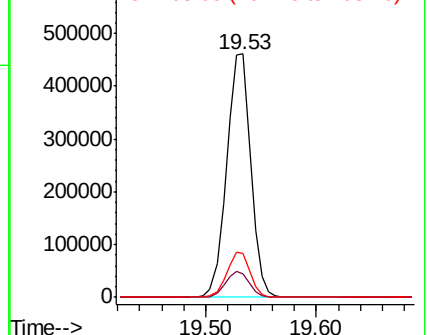
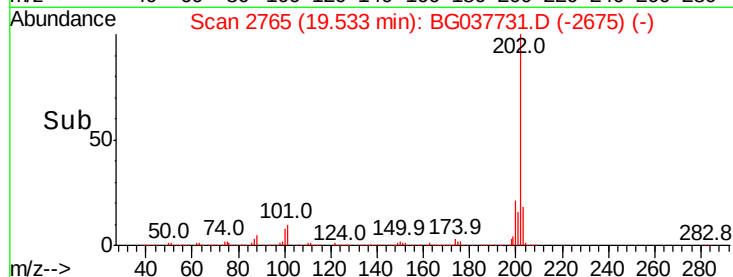


Abundance

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: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG037731.D

Acq: 1 Nov 2018 23:05

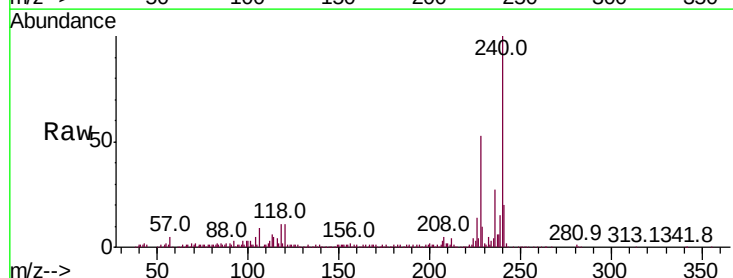
Tgt Ion:240 Resp: 304534

Ion Ratio Lower Upper

240 100

120 10.6 8.1 12.1

236 26.7 21.4 32.0

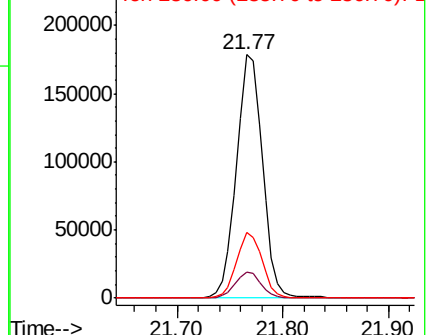
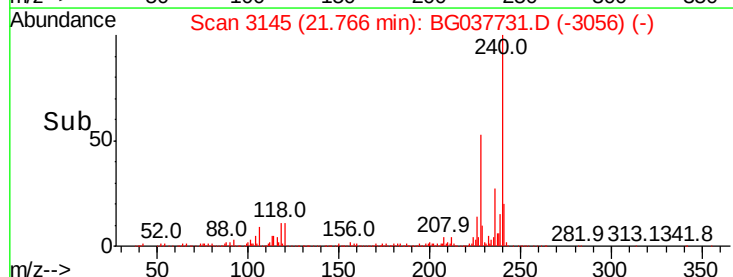


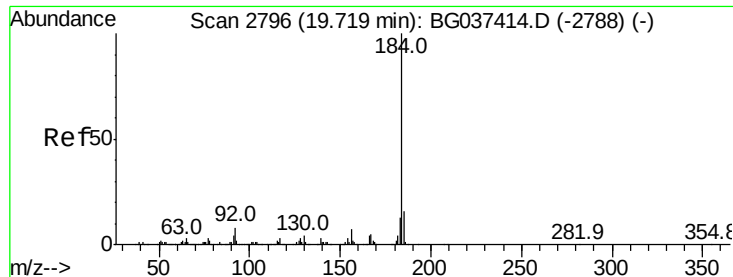
Abundance

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: 20.095 ng

RT: 19.71 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BG037731.D

Acq: 1 Nov 2018 23:05

Instrument :

BNA_G

ClientSampleId :

PB114358BS

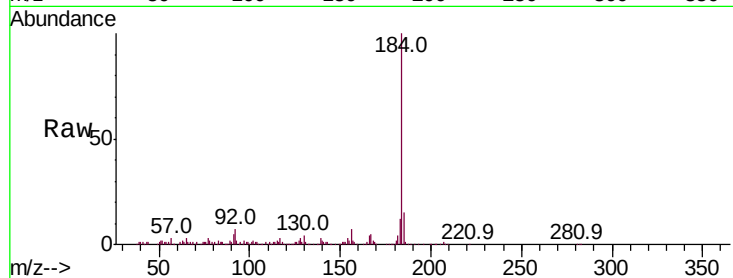
Tot Ion:184 Resp: 208087

Ion Ratio Lower Upper

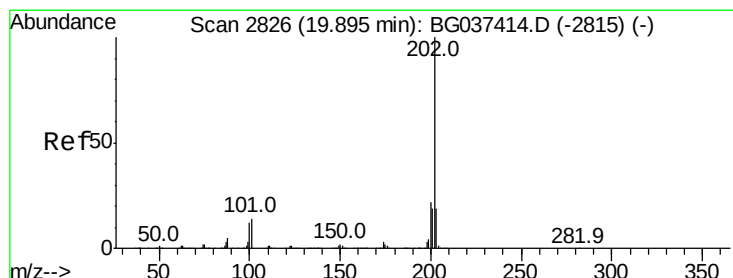
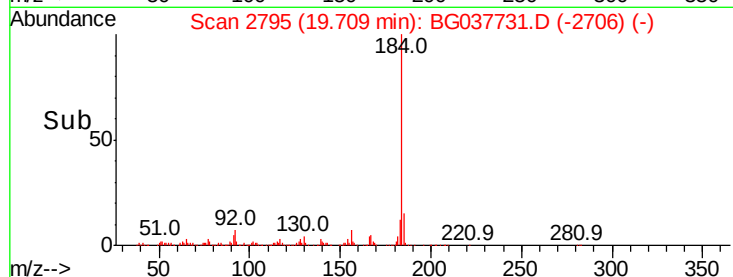
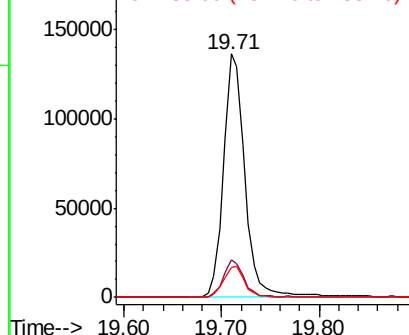
184 100

185 15.3 12.6 18.8

183 12.2 10.2 15.2



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 34.608 ng

RT: 19.89 min Scan# 2826

Delta R.T. -0.00 min

Lab File: BG037731.D

Acq: 1 Nov 2018 23:05

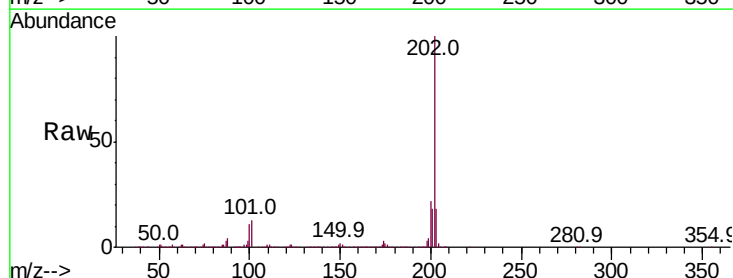
Tgt Ion:202 Resp: 688971

Ion Ratio Lower Upper

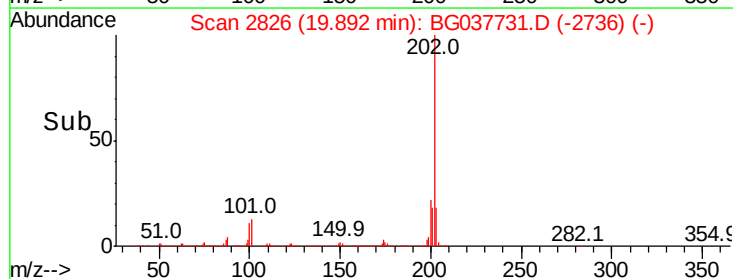
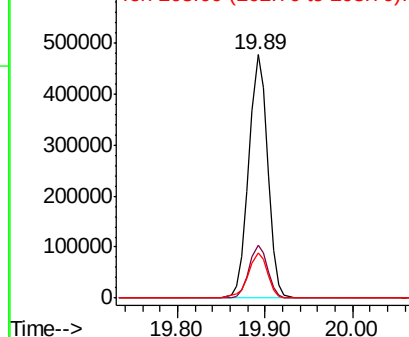
202 100

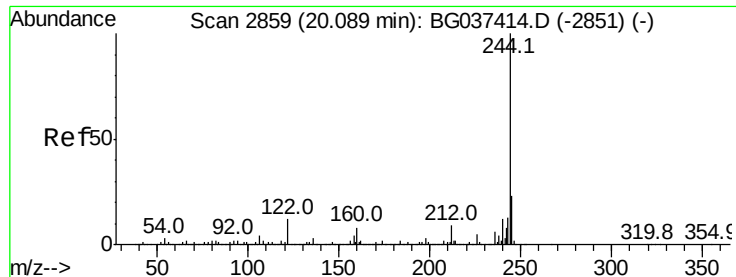
200 21.7 17.8 26.6

203 18.3 15.2 22.8



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





#79

Terphenyl-d14

Concen: 67.855 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037731.D

Acq: 1 Nov 2018 23:05

Instrument :

BNA_G

ClientSampleId :

PB114358BS

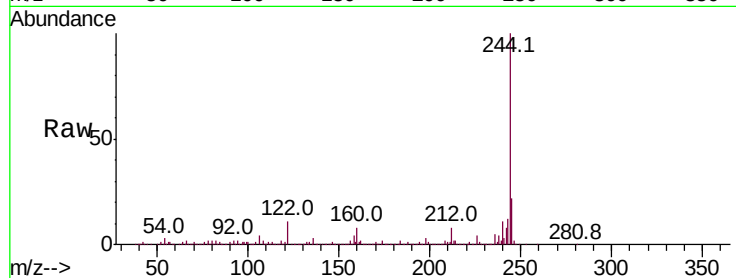
Tot Ion:244 Resp: 967069

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

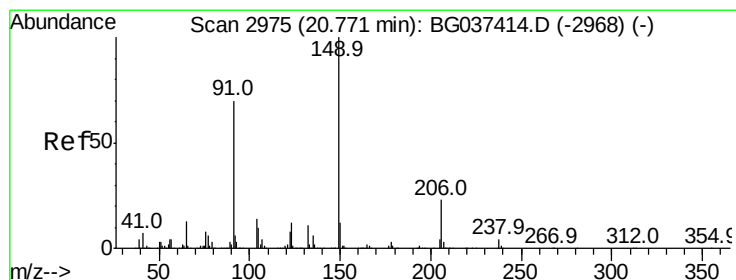
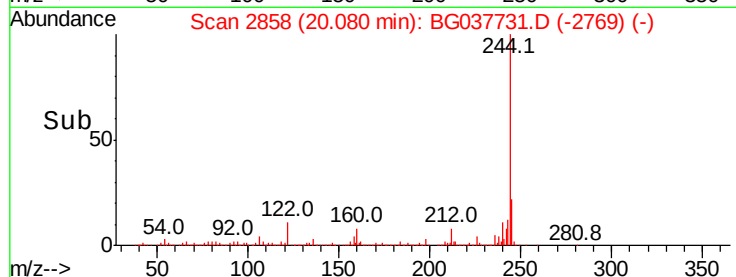
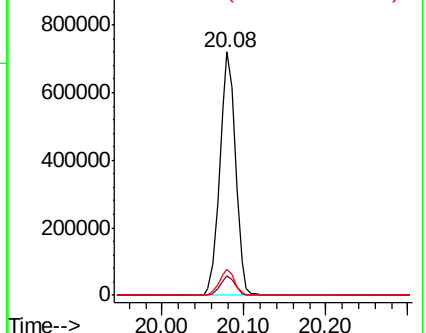
122 10.8 9.0 13.4



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: 35.839 ng

RT: 20.76 min Scan# 2974

Delta R.T. -0.01 min

Lab File: BG037731.D

Acq: 1 Nov 2018 23:05

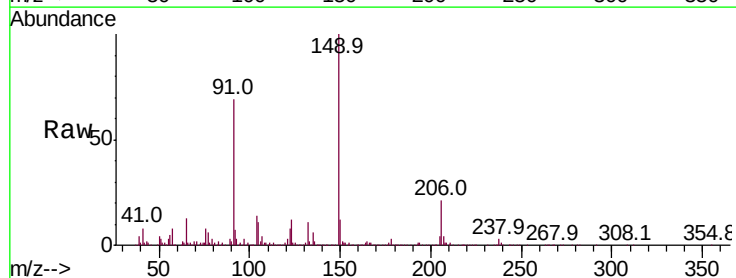
Tgt Ion:149 Resp: 291994

Ion Ratio Lower Upper

149 100

91 68.7 57.0 85.4

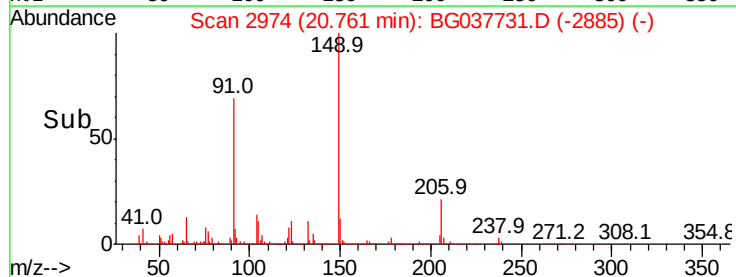
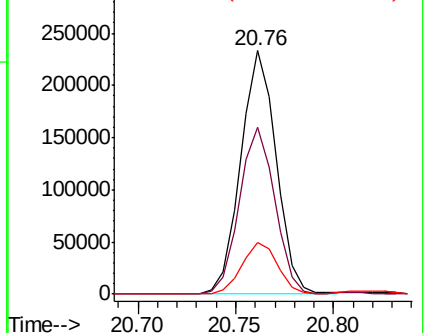
206 21.2 17.8 26.6

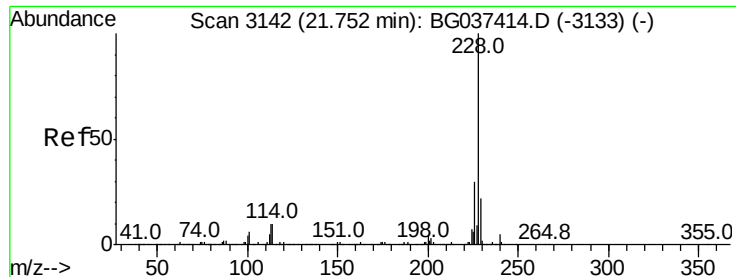


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 34.421 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG037731.D

Acq: 1 Nov 2018 23:05

Instrument :

BNA_G

ClientSampleId :

PB114358BS

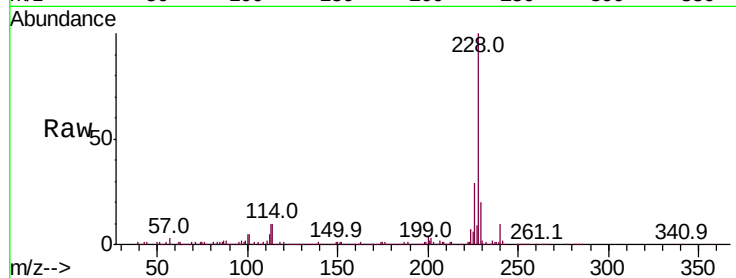
Tot Ion:228 Resp: 620031

Ion Ratio Lower Upper

228 100

226 28.7 22.6 33.8

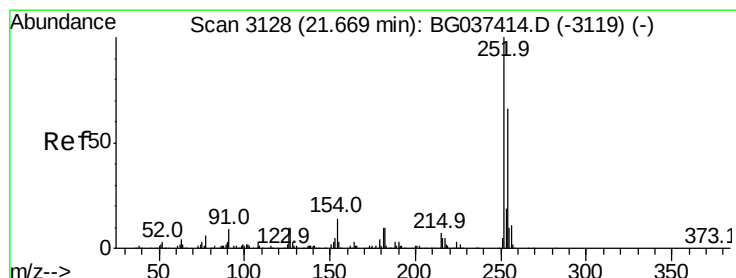
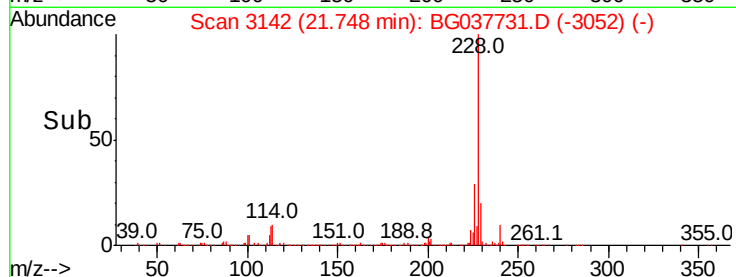
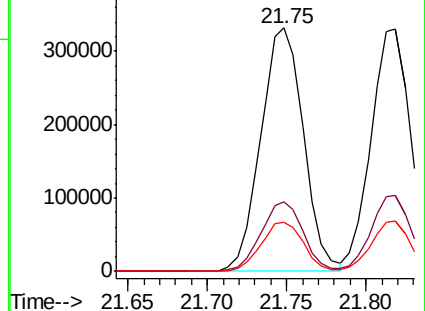
229 20.1 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 17.692 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.01 min

Lab File: BG037731.D

Acq: 1 Nov 2018 23:05

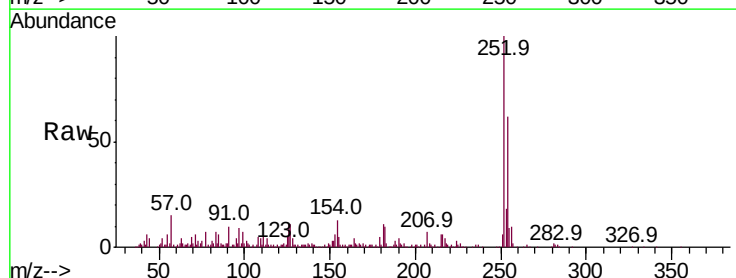
Tgt Ion:252 Resp: 123523

Ion Ratio Lower Upper

252 100

254 61.9 52.0 78.0

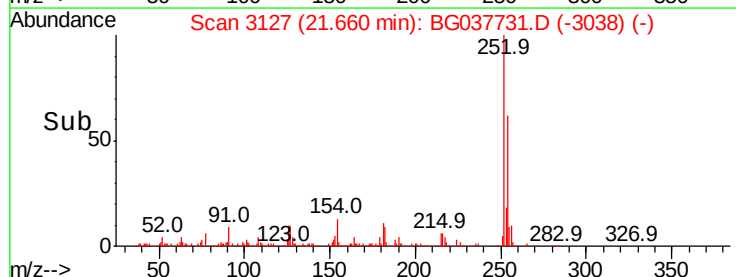
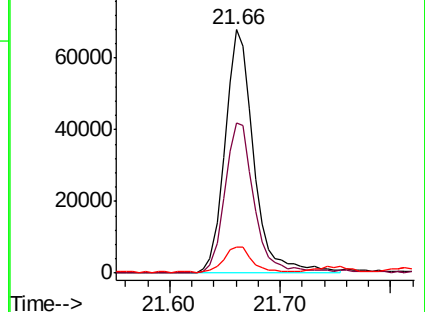
126 10.9 8.2 12.4

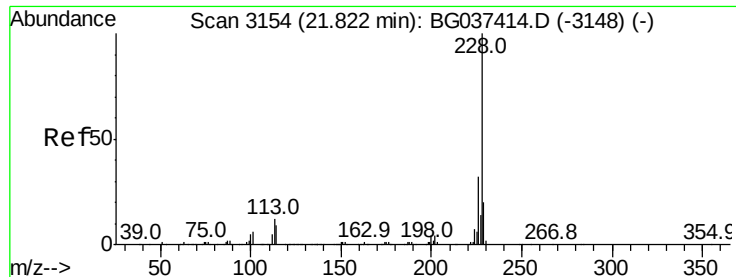


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 33.738 ng

RT: 21.82 min Scan# 3154

Delta R.T. -0.00 min

Lab File: BG037731.D

Acq: 1 Nov 2018 23:05

Instrument :

BNA_G

ClientSampleId :

PB114358BS

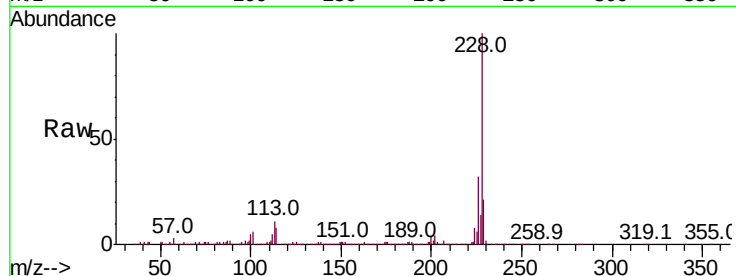
Tot Ion:228 Resp: 584359

Ion Ratio Lower Upper

228 100

226 31.6 25.7 38.5

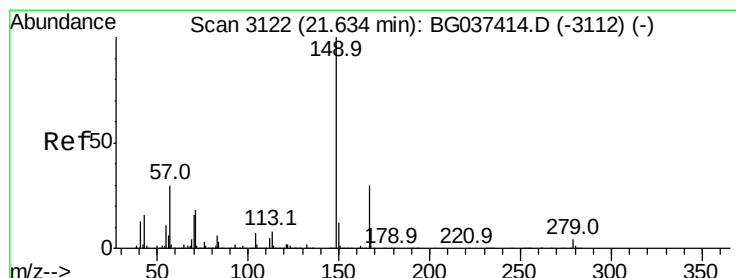
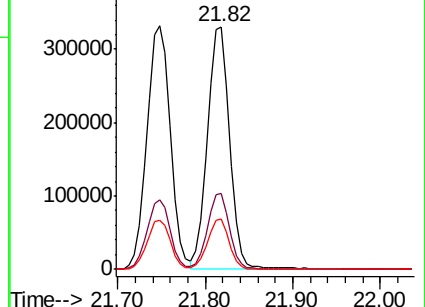
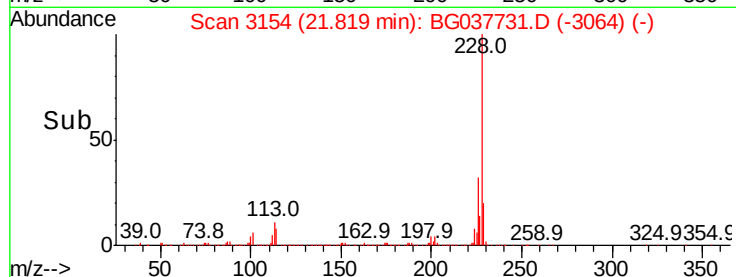
229 20.5 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.298 ng

RT: 21.62 min Scan# 3120

Delta R.T. -0.02 min

Lab File: BG037731.D

Acq: 1 Nov 2018 23:05

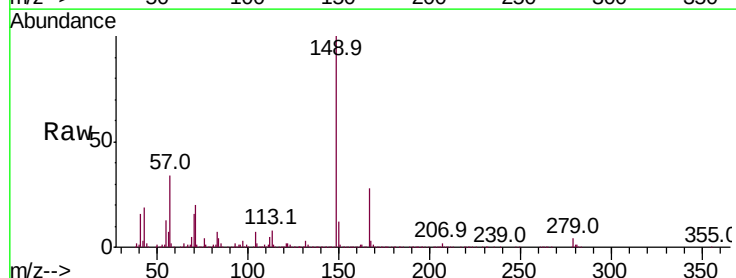
Tgt Ion:149 Resp: 414536

Ion Ratio Lower Upper

149 100

167 28.3 23.0 34.4

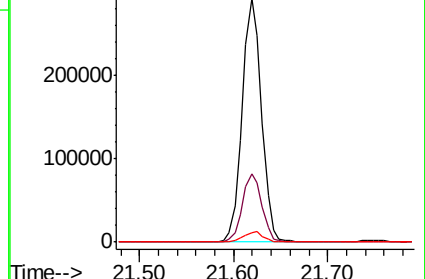
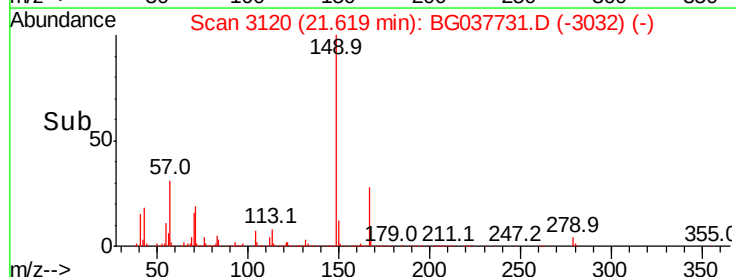
279 4.0 3.6 5.4

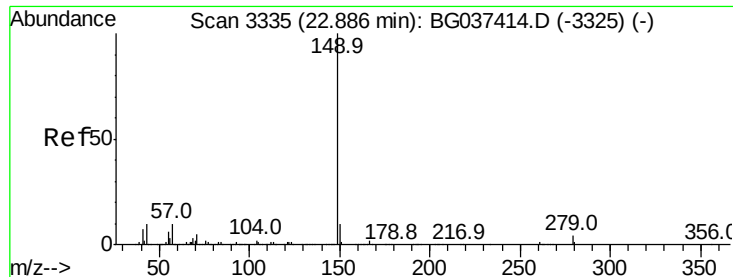


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 37.361 ng

RT: 22.86 min Scan# 3332

Delta R.T. -0.02 min

Lab File: BG037731.D

Acq: 1 Nov 2018 23:05

Instrument :

BNA_G

ClientSampleId :

PB114358BS

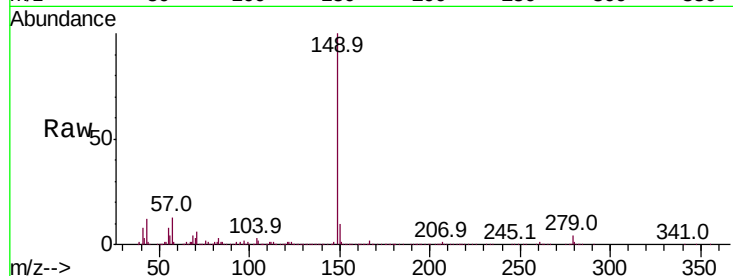
Tot Ion:149 Resp: 695763

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

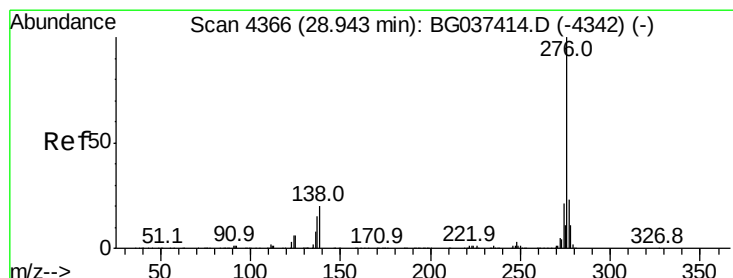
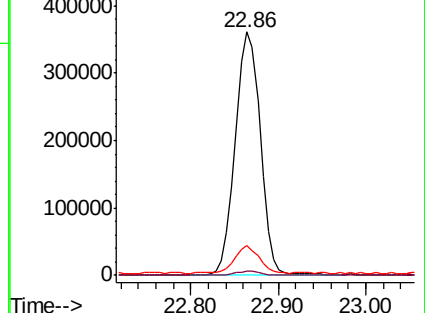
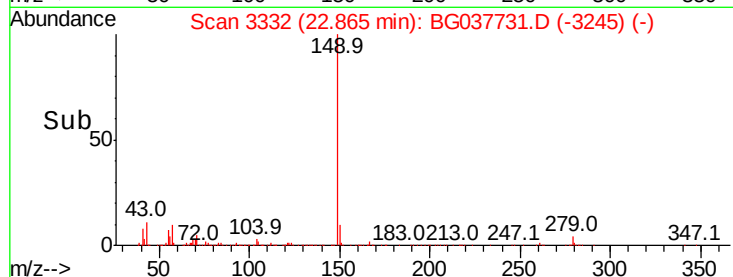
43 10.8 8.7 13.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 28.887 ng

RT: 28.92 min Scan# 4363

Delta R.T. -0.02 min

Lab File: BG037731.D

Acq: 1 Nov 2018 23:05

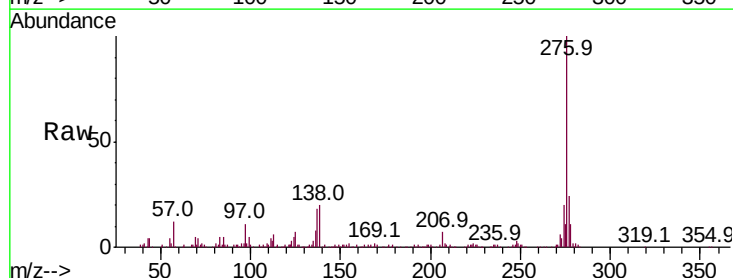
Tgt Ion:276 Resp: 536654

Ion Ratio Lower Upper

276 100

138 16.3 12.0 18.0

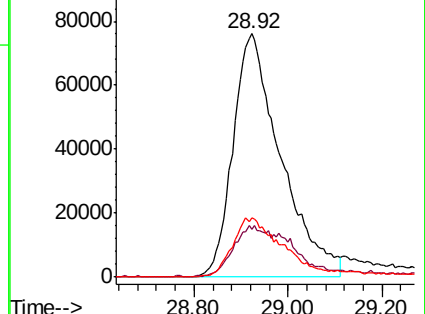
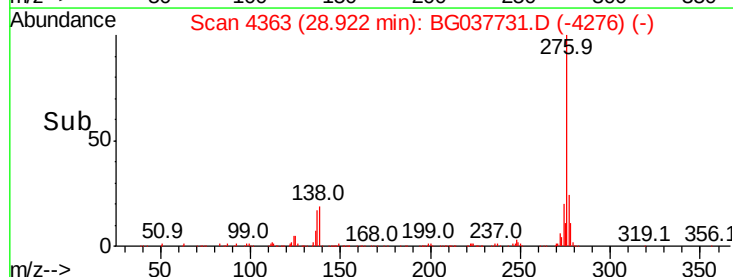
277 25.5 20.6 30.8

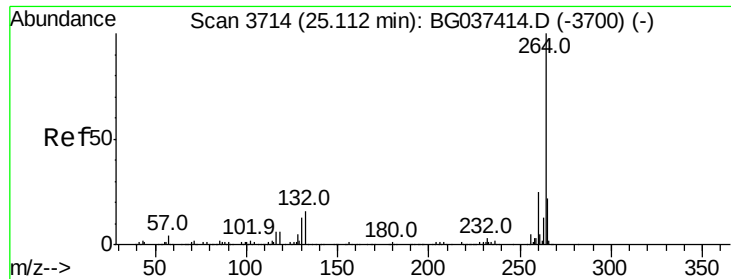


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

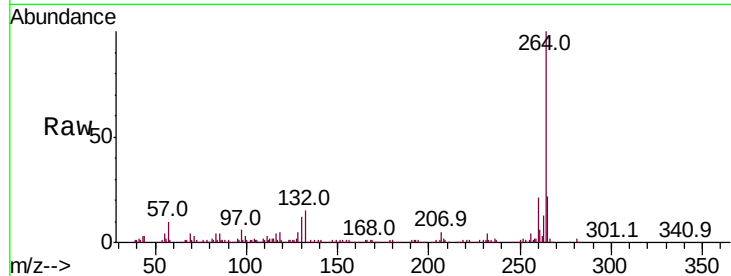




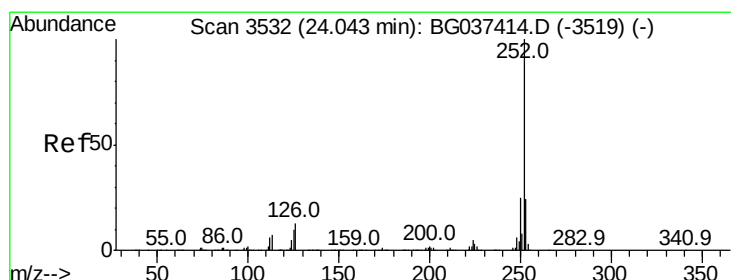
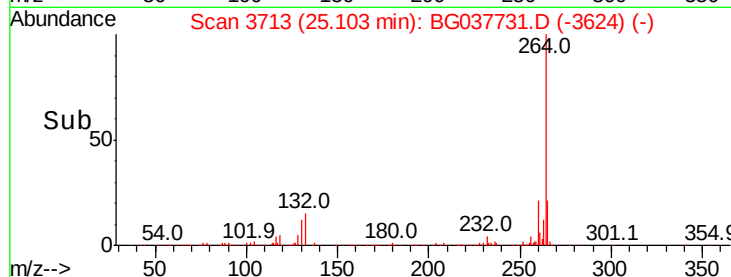
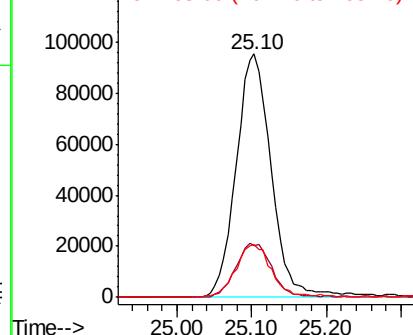
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.10 min Scan# 3713
 Delta R.T. -0.01 min
 Lab File: BG037731.D
 Acq: 1 Nov 2018 23:05

Instrument :
 BNA_G
 ClientSampleId :
 PB114358BS

Tot Ion:264 Resp: 310367
 Ion Ratio Lower Upper
 264 100
 260 21.0 18.2 27.4
 265 21.6 17.9 26.9

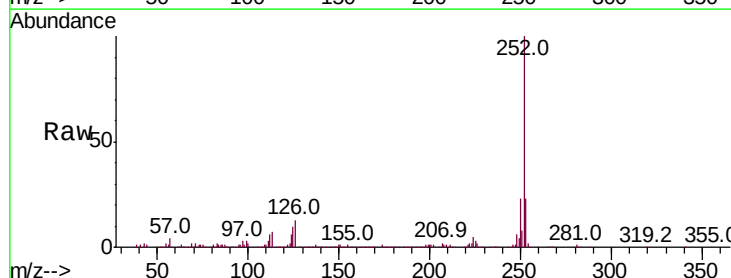


Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

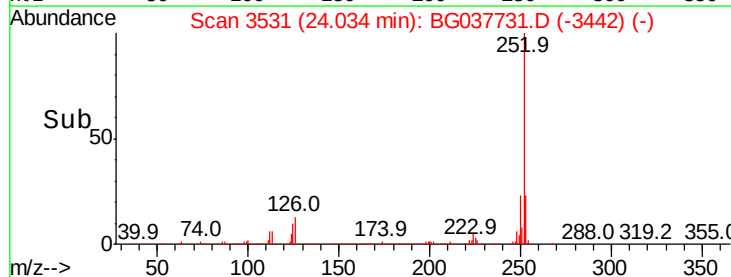
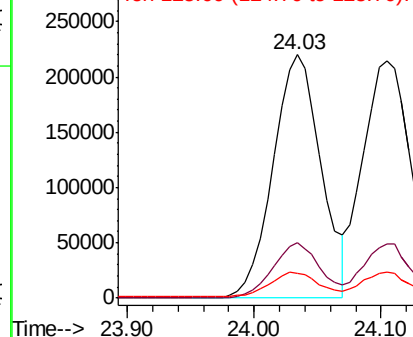


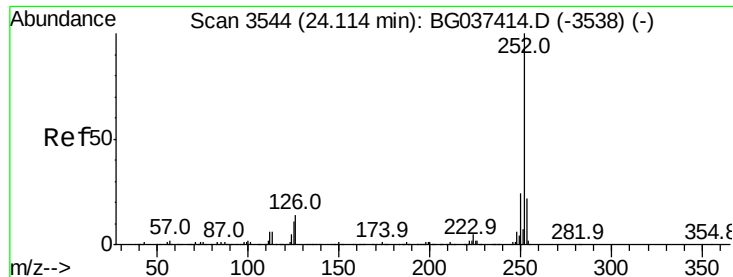
#88
 Benzo(b)fluoranthene
 Concen: 34.075 ng
 RT: 24.03 min Scan# 3531
 Delta R.T. -0.01 min
 Lab File: BG037731.D
 Acq: 1 Nov 2018 23:05

Tgt Ion:252 Resp: 579807
 Ion Ratio Lower Upper
 252 100
 253 23.0 18.2 27.2
 125 10.3 7.8 11.6



Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 253.00 (252.70 to 253.70): E
 Ion 125.00 (124.70 to 125.70): E

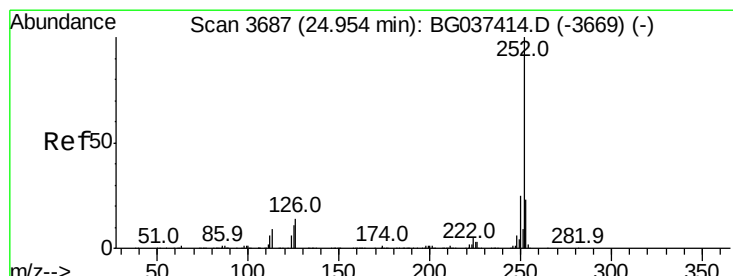
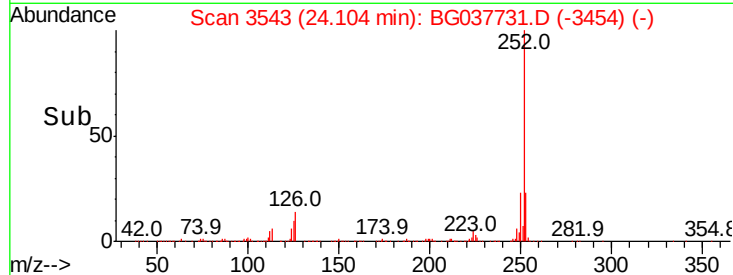
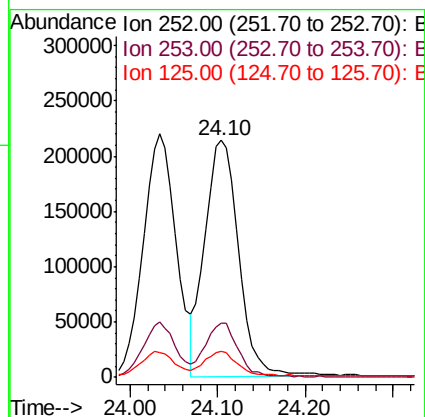
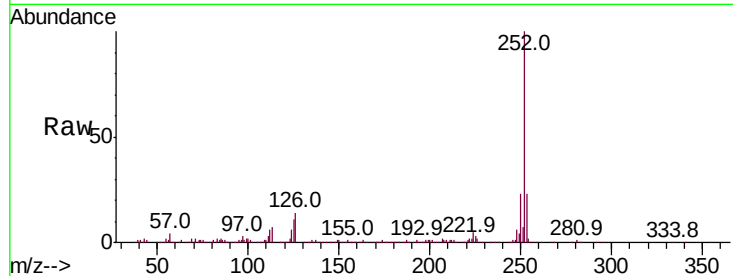




#89
Benzo(k)fluoranthene
Concen: 34.351 ng
RT: 24.10 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG037731.D
Acq: 1 Nov 2018 23:05

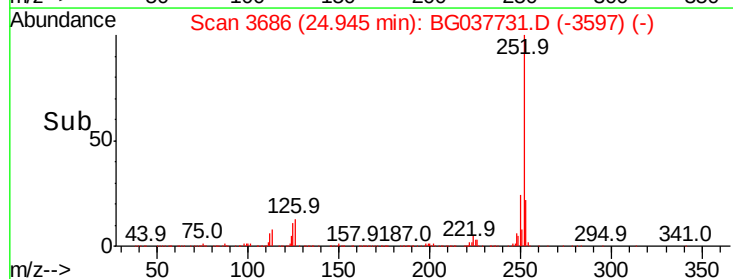
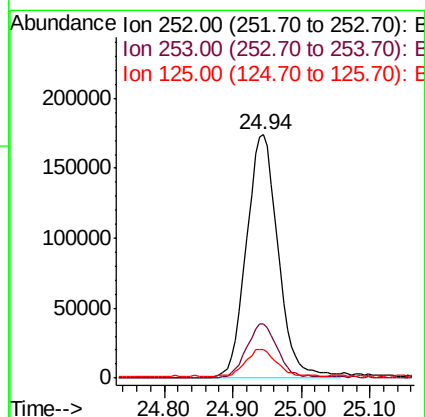
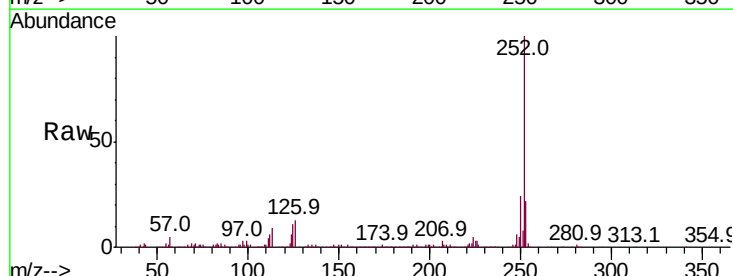
Instrument :
BNA_G
ClientSampleId :
PB114358BS

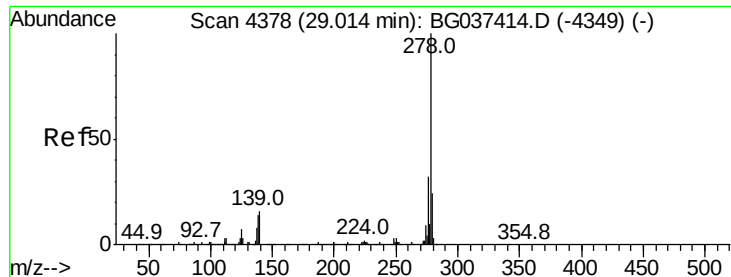
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.2
125	11.0	7.4	11.0



#90
Benzo(a)pyrene
Concen: 34.547 ng
RT: 24.94 min Scan# 3686
Delta R.T. -0.01 min
Lab File: BG037731.D
Acq: 1 Nov 2018 23:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	11.5	9.0	13.6

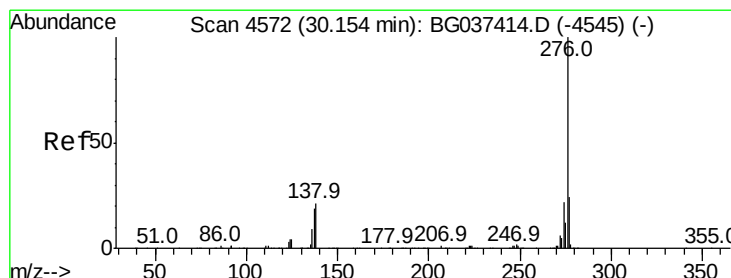
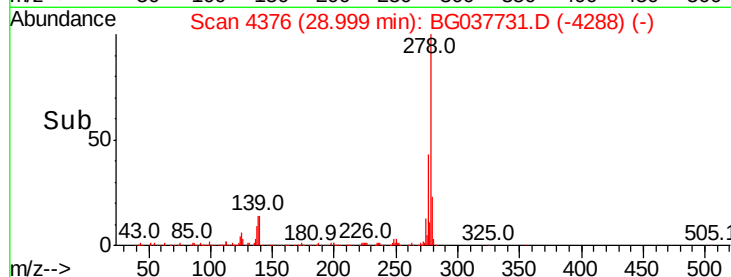
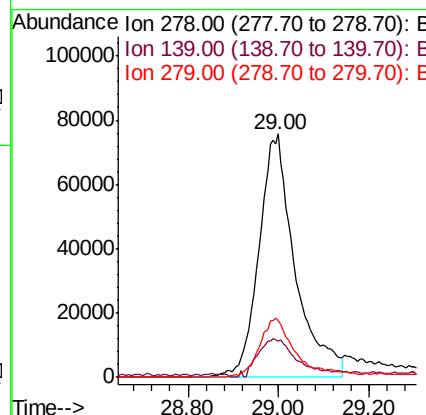
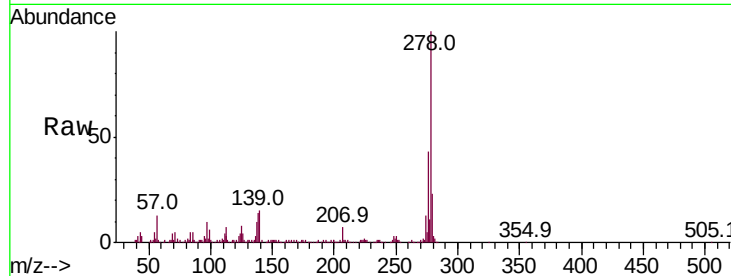




#91
Dibenzo(a,h)anthracene
Concen: 28.100 ng
RT: 29.00 min Scan# 4376
Delta R.T. -0.02 min
Lab File: BG037731.D
Acq: 1 Nov 2018 23:05

Instrument :
BNA_G
ClientSampleId :
PB114358BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.0	11.5	17.3
279	23.2	18.6	27.8



#92
Benzo(g,h,i)perylene
Concen: 30.556 ng
RT: 30.13 min Scan# 4568
Delta R.T. -0.03 min
Lab File: BG037731.D
Acq: 1 Nov 2018 23:05

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.1	18.9	28.3
138	20.5	17.2	25.8

