

Data Path : U:\HPCHEM1\BNA G\DATA\BG012918\
 Data File : BG032418.D
 Acq On : 29 Jan 2018 17:25
 Operator : SJ/JU
 Sample : J1196-01DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 30 03:26:53 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	25981	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	105869	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	83677	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	229265	20.00	ng	0.00
75) Chrysene-d12	22.42	240	280806	20.00	ng	0.00
86) Perylene-d12	26.10	264	295617	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	21914	16.94	ng	0.00
7) Phenol-d6	7.82	99	31470	18.23	ng	0.00
23) Nitrobenzene-d5	9.92	82	20703	12.21	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	29532	18.54	ng	0.00
44) 2-Fluorobiphenyl	13.98	172	86659	12.31	ng	0.00
78) Terphenyl-d14	20.62	244	201695	15.39	ng	0.00

Target Compounds				Qvalue		
6) Aniline	8.11	93	16973	7.887	ng	# 53
8) 2-Chlorophenol	8.27	128	13204	8.636	ng	# 76
10) Phenol	7.86	94	16192	9.878	ng	# 86
11) bis(2-Chloroethyl)ether	8.11	93	16973	13.590	ng	# 80
12) 1,3-Dichlorobenzene	8.61	146	9122	4.411	ng	# 98
13) 1,4-Dichlorobenzene	8.76	146	29290	14.133	ng	# 98
14) 1,2-Dichlorobenzene	8.76	146	29290	14.427	ng	# 94
16) 2,2'-oxybis(1-Chloropropan	9.25	45	30119	25.449	ng	# 65
17) 2-Methylphenol	9.16	107	17038	12.798	ng	# 94
18) Hexachloroethane	9.84	117	8373	12.033	ng	# 80
19) n-Nitroso-di-n-propylamine	9.53	70	14798	12.930	ng	# 91
20) 3+4-Methylphenols	9.16	107	17038	9.124	ng	# 67
24) Nitrobenzene	9.96	77	14697	8.967	ng	# 78
25) Isophorone	10.48	82	62924	21.803	ng	# 85
29) 2,4-Dichlorophenol	11.23	162	19226	10.206	ng	# 85
30) 1,2,4-Trichlorobenzene	11.46	180	68235	27.176	ng	# 99
31) Naphthalene	11.65	128	97225	18.803	ng	# 96
32) Benzoic acid	10.69	122	1326	8.344	ng	# 2
33) 4-Chloroaniline	11.65	127	14208	6.161	ng	# 30
34) Hexachlorobutadiene	11.93	225	20905	10.701	ng	# 97
37) 2-Methylnaphthalene	13.22	142	75145	17.299	ng	# 90
46) 2-Chloronaphthalene	14.25	162	72811	13.141	ng	# 96
48) Acenaphthylene	15.42	152	24761	2.956	ng	# 1
49) Dimethylphthalate	14.78	163	51739	6.706	ng	# 98
51) Acenaphthene	15.42	154	46450	7.996	ng	# 97
54) Dibenzofuran	15.75	168	122075	14.197	ng	# 99
55) 4-Nitrophenol	15.52	139	4662	4.403	ng	# 71
56) 2,4-Dinitrotoluene	15.69	165	46905	20.343	ng	# 69
57) Fluorene	16.39	166	127285	17.815	ng	# 97
59) Diethylphthalate	16.12	149	149761	19.930	ng	# 97
60) 4-Chlorophenyl-phenylether	16.37	204	71407	15.849	ng	# 95
62) Azobenzene	16.37	77	14967	3.333	ng	# 37
66) 4-Bromophenyl-phenylether	17.27	248	103261	30.402	ng	# 93
69) Pentachlorophenol	17.73	266	31573	13.409	ng	# 97

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 Misc :
 ALS Vial : 13 Sample Multiplier: 1

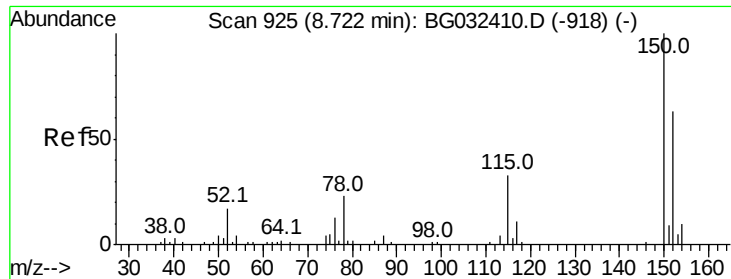
Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 30 03:26:53 2018
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

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

70) Phenanthrene	18.22	178	191238	14.957	nq	96
71) Anthracene	18.22	178	191238	15.022	nq	95
74) Fluoranthene	20.09	202	294423	17.560	nq	95
77) Pyrene	20.09	202	294423	17.095	nq	99
80) Benzo(a)anthracene	22.47	228	172364	9.901	nq	98
82) Chrysene	22.47	228	172364	10.252	nq	96
84) Di-n-octyl phthalate	23.61	149	323623	26.488	nq #	89
85) Indeno(1,2,3-cd)pyrene	30.35	276	345270	16.234	nq #	89
87) Benzo(b)fluoranthene	24.91	252	270968	15.170	nq #	93
88) Benzo(k)fluoranthene	24.99	252	250780	14.173	nq #	95
90) Dibenzo(a,h)anthracene	30.43	278	218151	12.523	nq #	93
91) Benzo(a,h,i)perylene	31.68	276	135489	7.836	nq #	91

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

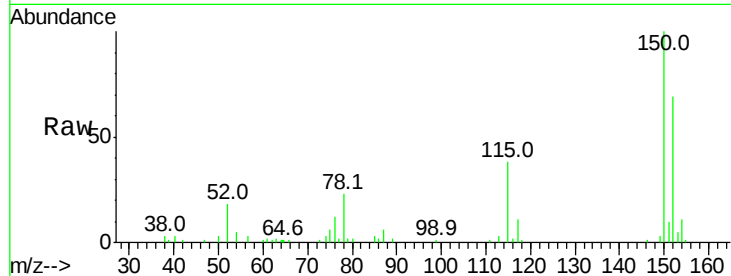


#1

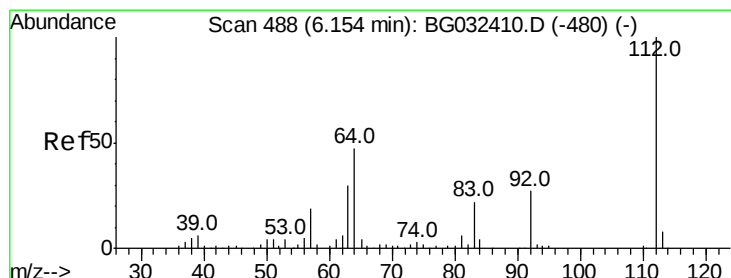
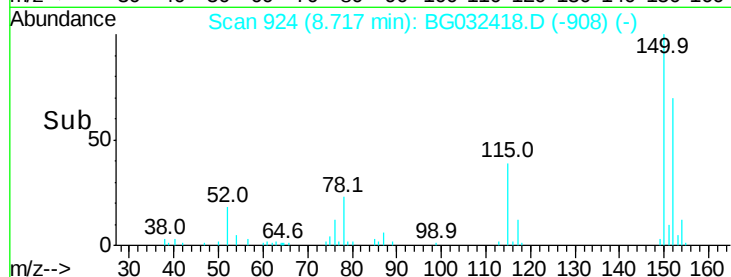
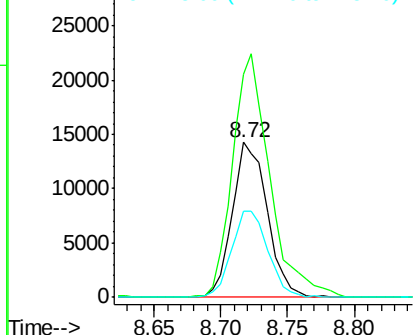
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 924
Delta R.T. -0.00 min
Lab File: BG032418.D
Acq: 29 Jan 2018 17:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 25981
Ion Ratio Lower Upper
152 100
150 144.5 126.6 189.8
115 55.4 53.0 79.4



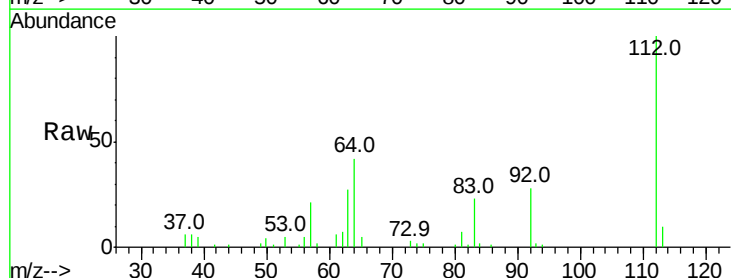
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



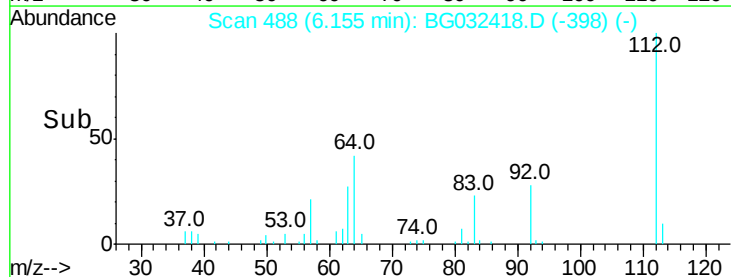
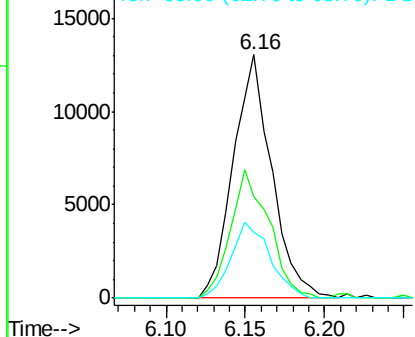
#5

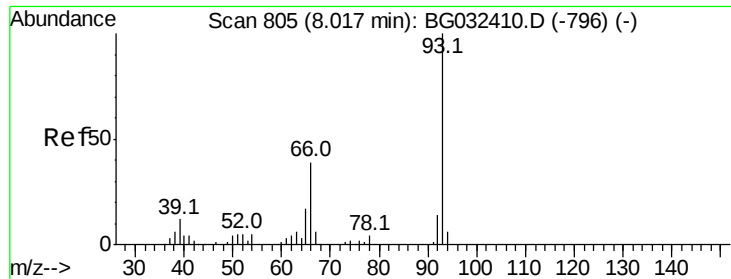
2-Fluorophenol
Concen: 16.941 ng
RT: 6.16 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG032418.D
Acq: 29 Jan 2018 17:25

Tgt Ion:112 Resp: 21914
Ion Ratio Lower Upper
112 100
64 41.7 56.3 84.5#
63 27.0 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#6

Aniline

Concen: 7.887 ng

RT: 8.11 min Scan# 820

Delta R.T. 0.09 min

Lab File: BG032418.D

Acq: 29 Jan 2018 17:25

Instrument :

BNA_G

ClientSampleId :

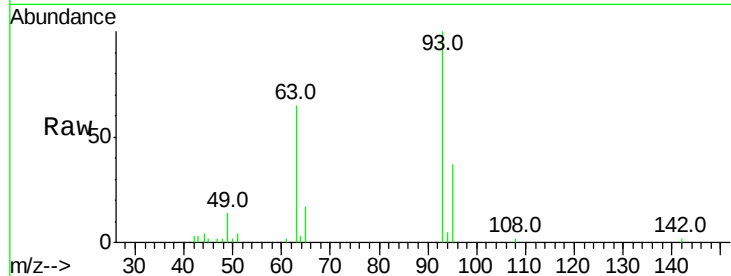
Tot Ion: 93 Resp: 16973

Ion Ratio Lower Upper

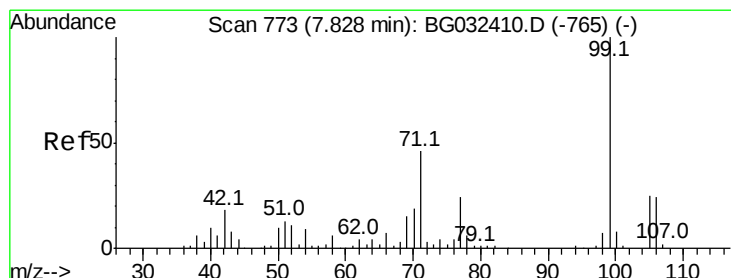
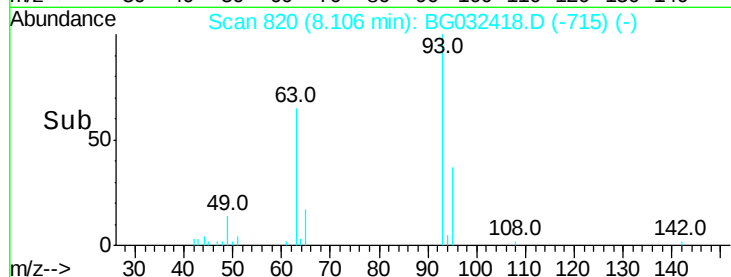
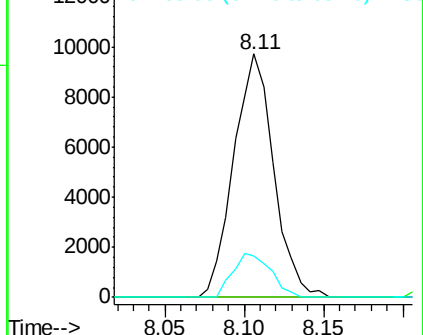
93 100

66 0.0 33.7 50.5#

65 17.0 16.1 24.1



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC



#7

Phenol-d6

Concen: 18.232 ng

RT: 7.82 min Scan# 772

Delta R.T. -0.00 min

Lab File: BG032418.D

Acq: 29 Jan 2018 17:25

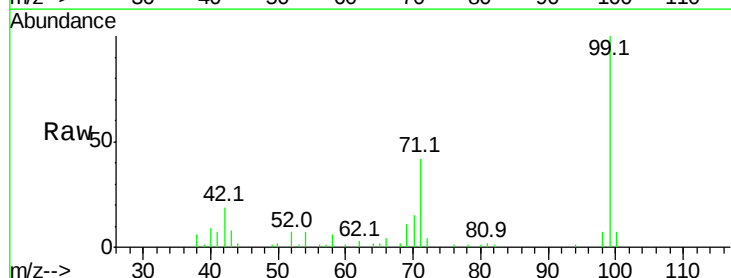
Tgt Ion: 99 Resp: 31470

Ion Ratio Lower Upper

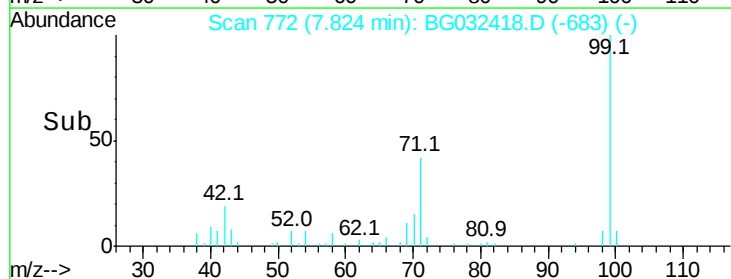
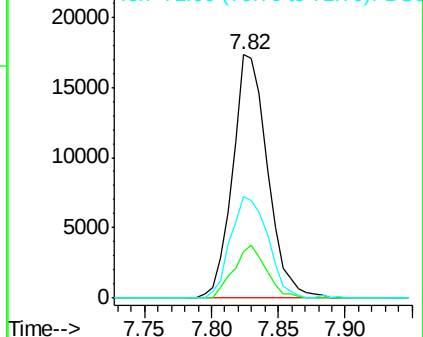
99 100

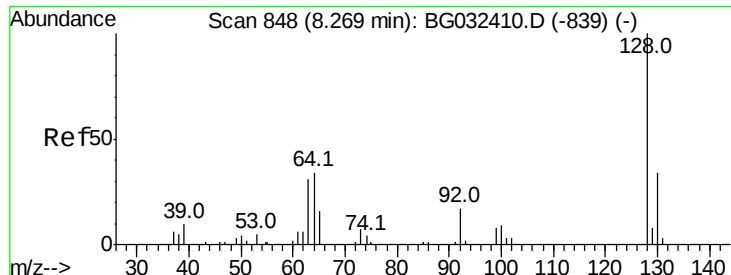
42 19.1 14.1 21.1

71 41.5 26.1 39.1#



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





#8

2-Chlorophenol

Concen: 8.636 ng

RT: 8.27 min Scan# 848

Delta R.T. 0.00 min

Lab File: BG032418.D

Acq: 29 Jan 2018 17:25

Instrument :

BNA_G

ClientSampleId :

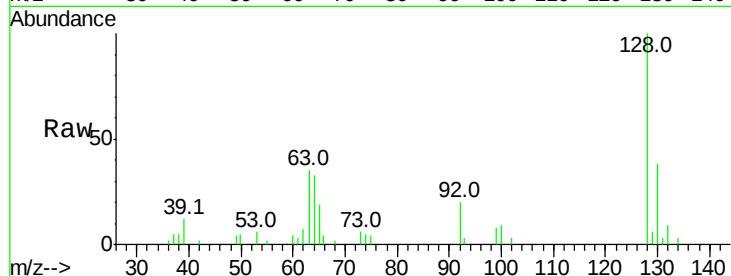
Tot Ion:128 Resp: 13204

Ion Ratio Lower Upper

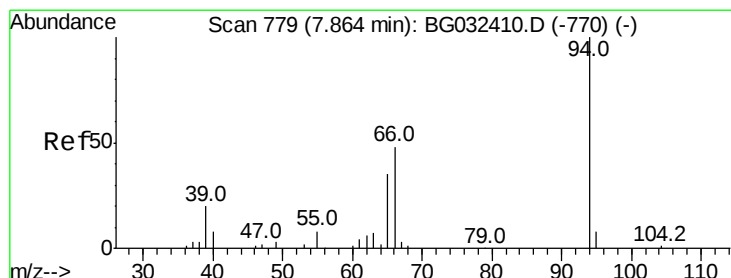
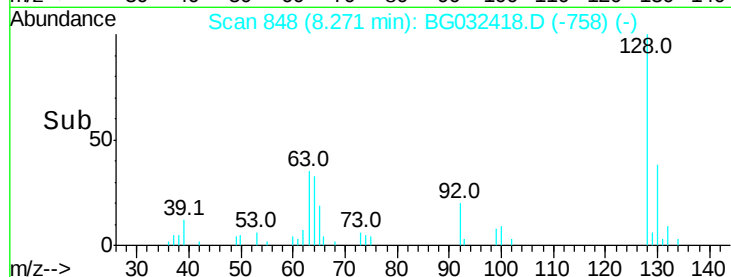
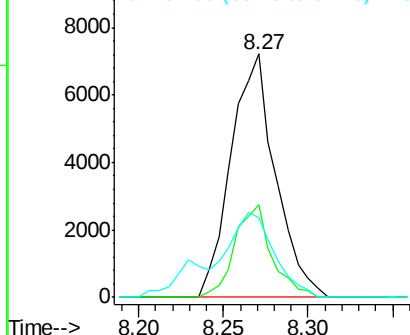
128 100

130 38.3 14.0 54.0

64 32.5 37.7 77.7#



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



#10

Phenol

Concen: 9.878 ng

RT: 7.86 min Scan# 778

Delta R.T. -0.00 min

Lab File: BG032418.D

Acq: 29 Jan 2018 17:25

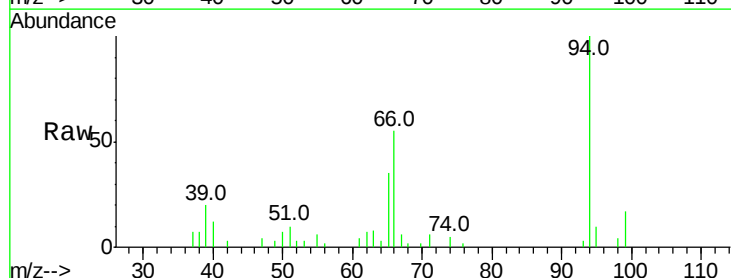
Tgt Ion: 94 Resp: 16192

Ion Ratio Lower Upper

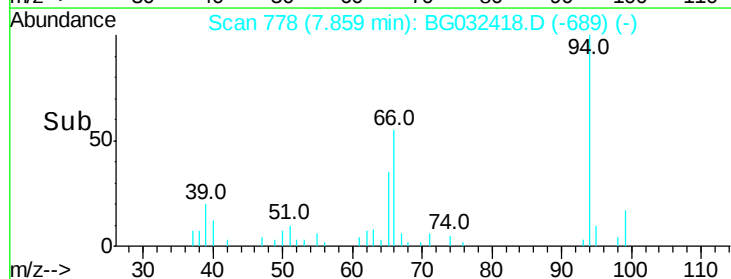
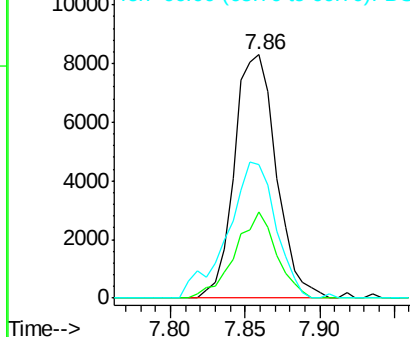
94 100

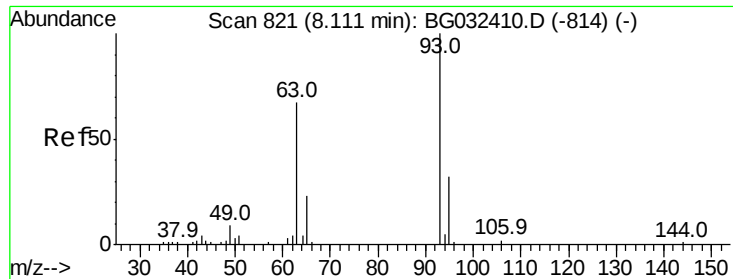
65 35.5 11.9 51.9

66 54.6 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 13.590 ng

RT: 8.11 min Scan# 820

Delta R.T. -0.00 min

Lab File: BG032418.D

Acq: 29 Jan 2018 17:25

Instrument :

BNA_G

ClientSampleId :

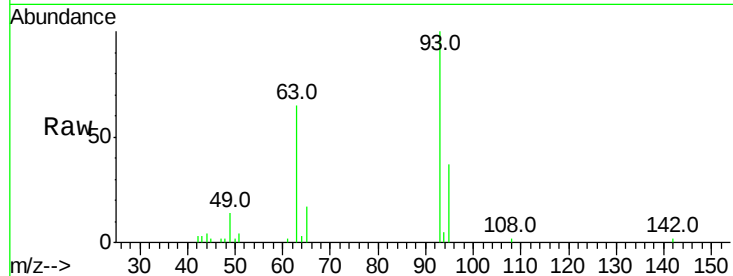
Tot Ion: 93 Resp: 16973

Ion Ratio Lower Upper

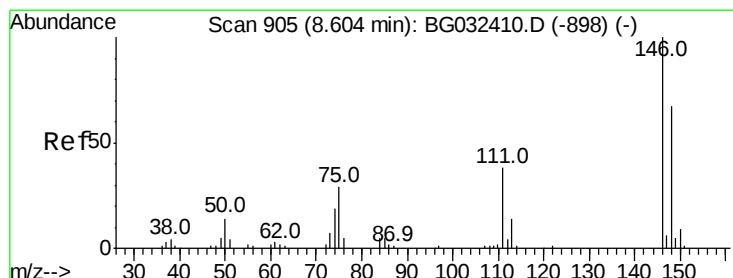
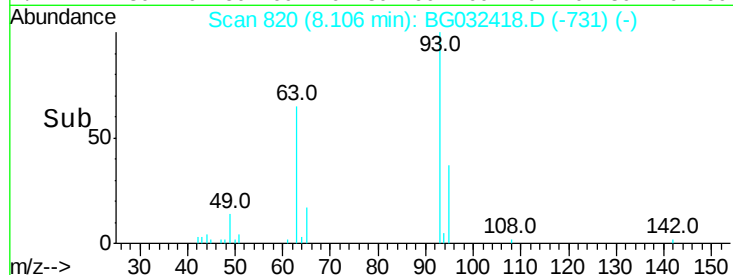
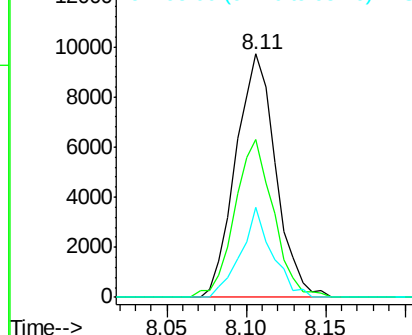
93 100

63 65.1 67.1 107.1#

95 36.8 11.5 51.5



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



#12

1,3-Dichlorobenzene

Concen: 4.411 ng

RT: 8.61 min Scan# 906

Delta R.T. 0.01 min

Lab File: BG032418.D

Acq: 29 Jan 2018 17:25

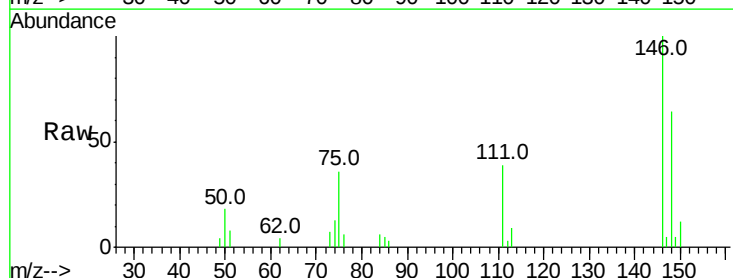
Tgt Ion: 146 Resp: 9122

Ion Ratio Lower Upper

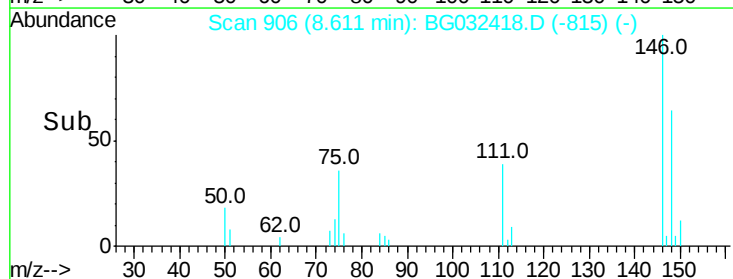
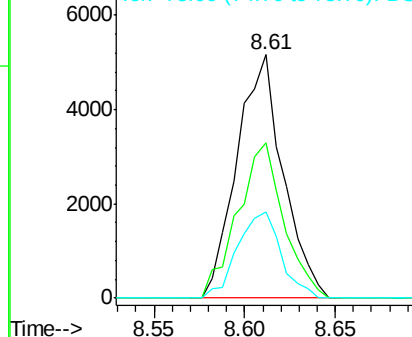
146 100

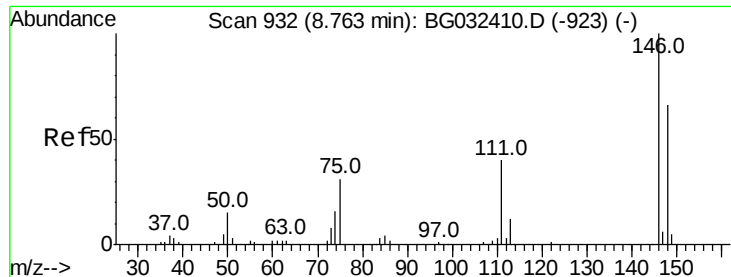
148 63.6 51.4 77.2

75 35.5 26.6 39.8



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

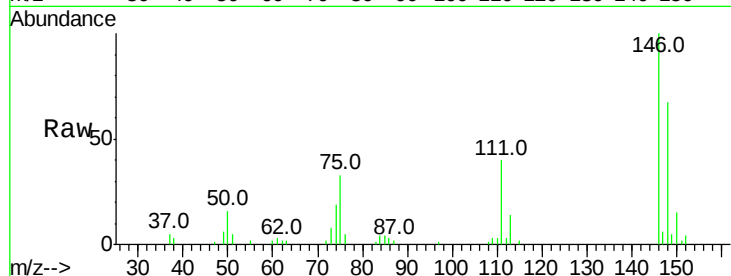




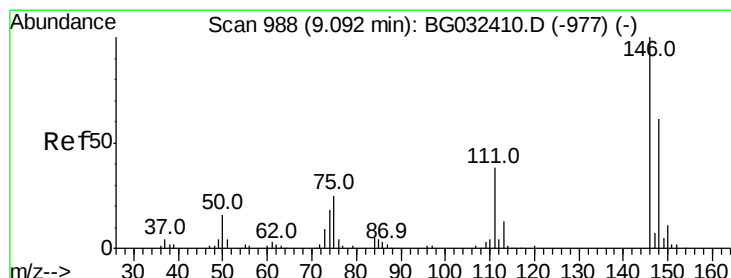
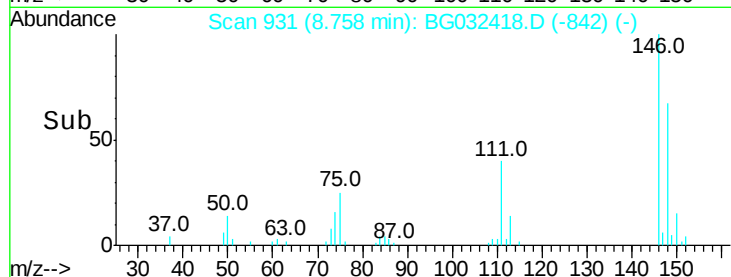
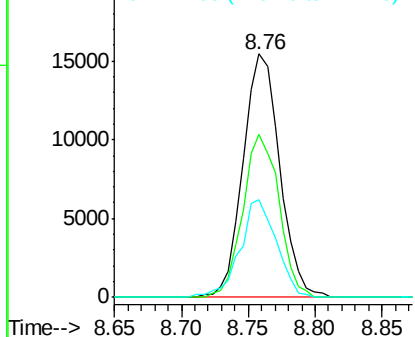
#13
 1,4-Dichlorobenzene
 Concen: 14.133 ng
 RT: 8.76 min Scan# 931
 Delta R.T. -0.00 min
 Lab File: BG032418.D
 Acq: 29 Jan 2018 17:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 29290
 Ion Ratio Lower Upper
 146 100
 148 67.1 53.7 80.5
 111 40.2 35.2 52.8

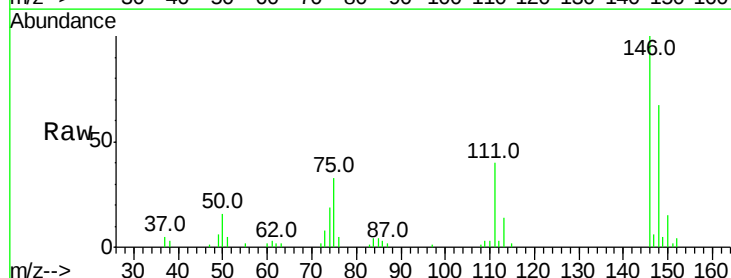


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

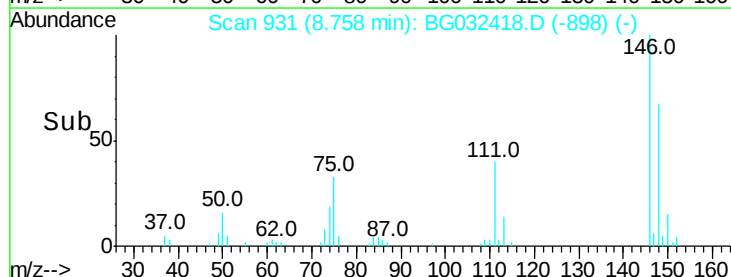
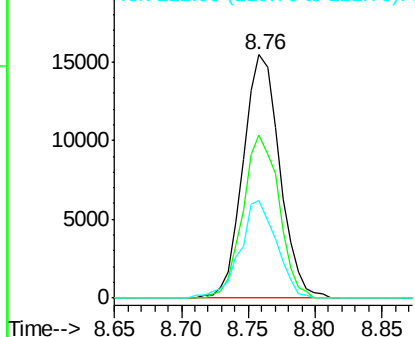


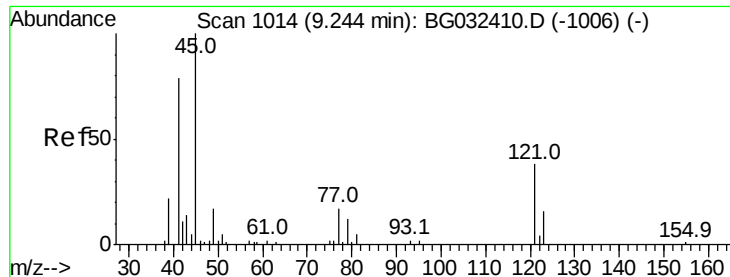
#14
 1,2-Dichlorobenzene
 Concen: 14.427 ng
 RT: 8.76 min Scan# 931
 Delta R.T. -0.33 min
 Lab File: BG032418.D
 Acq: 29 Jan 2018 17:25

Tgt Ion:146 Resp: 29290
 Ion Ratio Lower Upper
 146 100
 148 67.1 49.3 73.9
 111 40.2 34.3 51.5



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

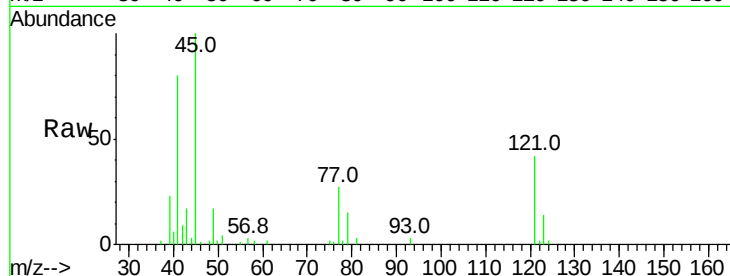




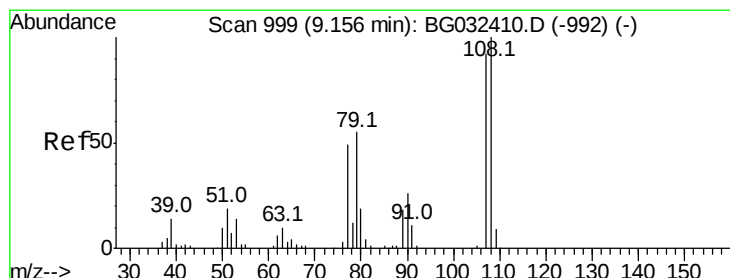
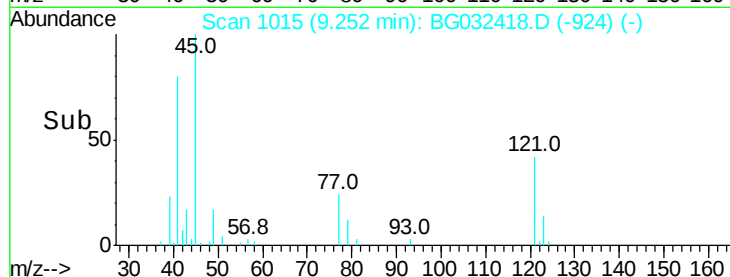
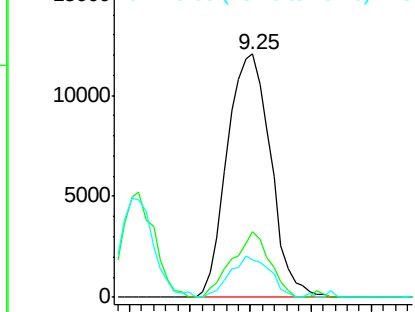
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 25.449 ng
RT: 9.25 min Scan# 1015
Delta R.T. 0.01 min
Lab File: BG032418.D
Acq: 29 Jan 2018 17:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 45 Resp: 30119
Ion Ratio Lower Upper
45 100
77 27.1 0.0 30.2
79 15.2 0.0 27.9

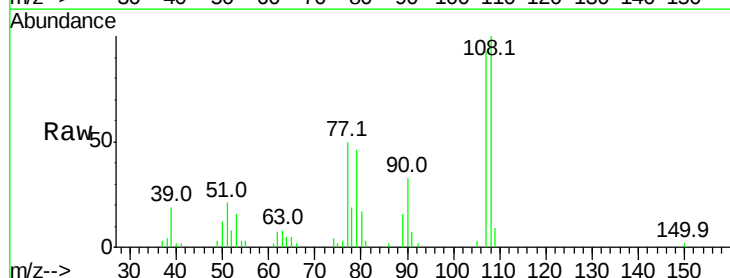


Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

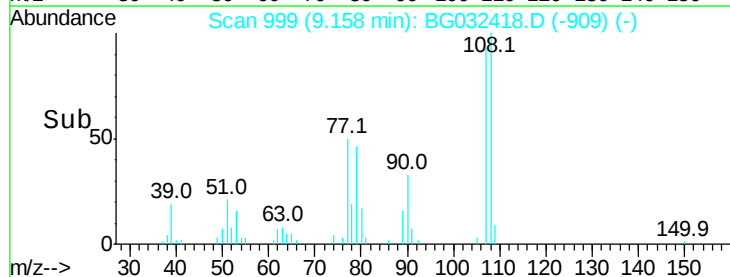
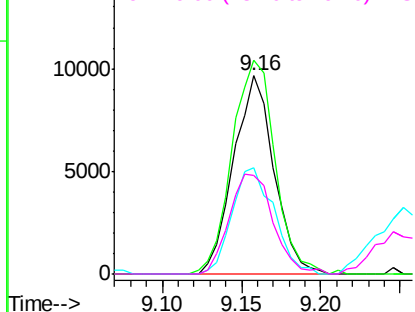


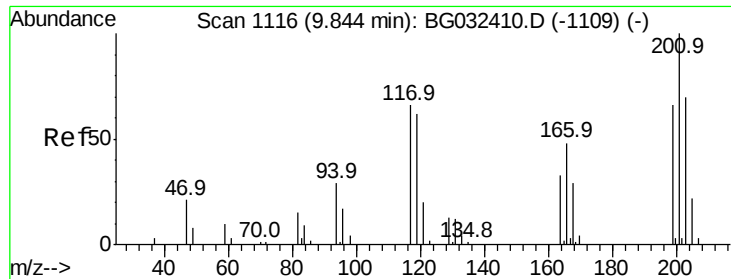
#17
2-Methylphenol
Concen: 12.798 ng
RT: 9.16 min Scan# 999
Delta R.T. 0.00 min
Lab File: BG032418.D
Acq: 29 Jan 2018 17:25

Tgt Ion:107 Resp: 17038
Ion Ratio Lower Upper
107 100
108 107.7 83.9 125.9
77 53.8 37.2 55.8
79 49.9 36.2 54.2



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

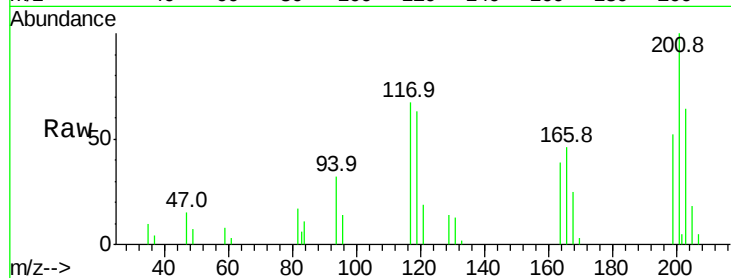




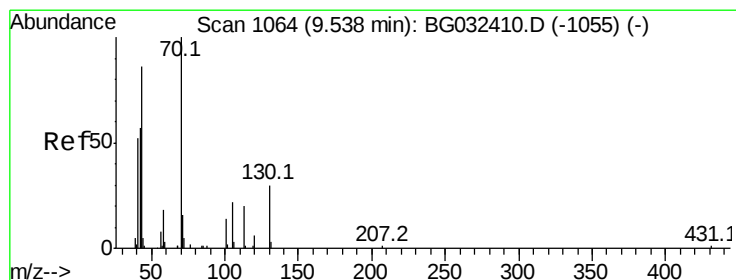
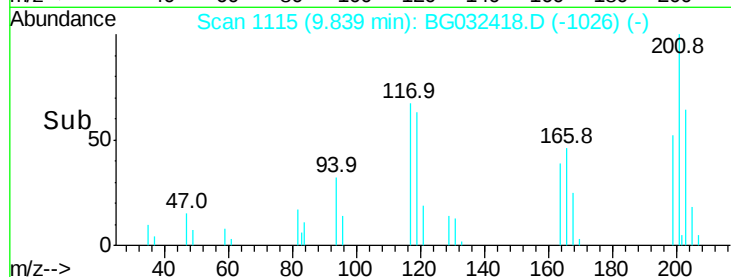
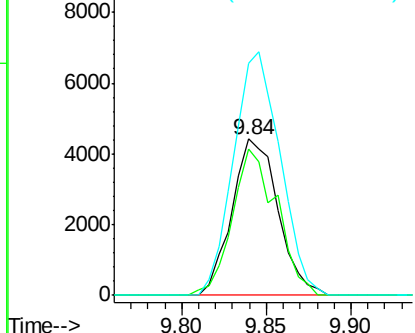
#18
Hexachloroethane
Concen: 12.033 ng
RT: 9.84 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BG032418.D
Acq: 29 Jan 2018 17:25

Instrument :
BNA_G
ClientSampled :

Tot Ion:117 Resp: 8373
Ion Ratio Lower Upper
117 100
119 93.2 76.7 115.1
201 156.6 95.7 143.5#

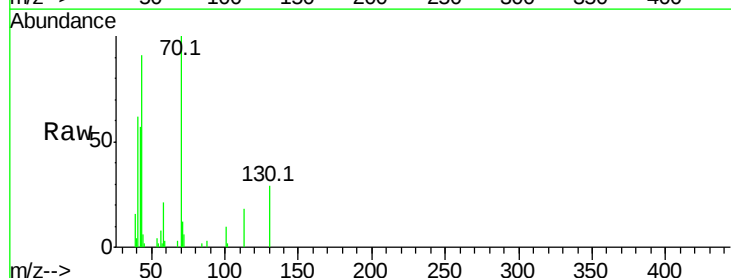


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

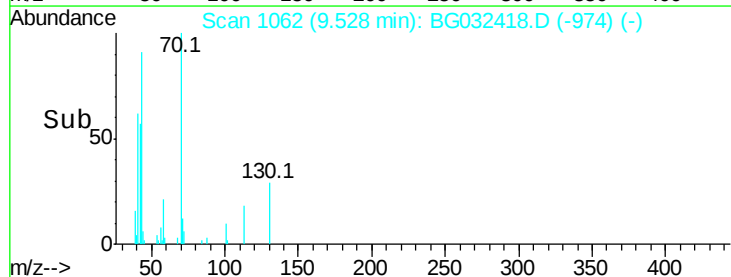
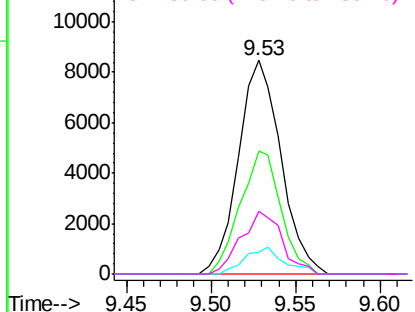


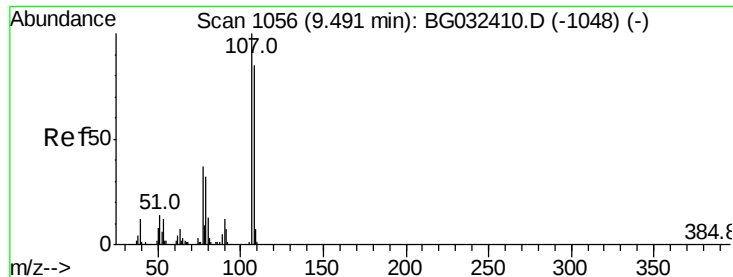
#19
n-Nitroso-di-n-propylamine
Concen: 12.930 ng
RT: 9.53 min Scan# 1062
Delta R.T. -0.01 min
Lab File: BG032418.D
Acq: 29 Jan 2018 17:25

Tgt Ion: 70 Resp: 14798
Ion Ratio Lower Upper
70 100
42 57.3 49.1 73.7
101 10.3 8.5 12.7
130 29.3 13.4 20.0#



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





#20

3+4-Methylphenols

Concen: 9.124 ng

RT: 9.16 min Scan# 999

Delta R.T. -0.33 min

Lab File: BG032418.D

Acq: 29 Jan 2018 17:25

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 17038

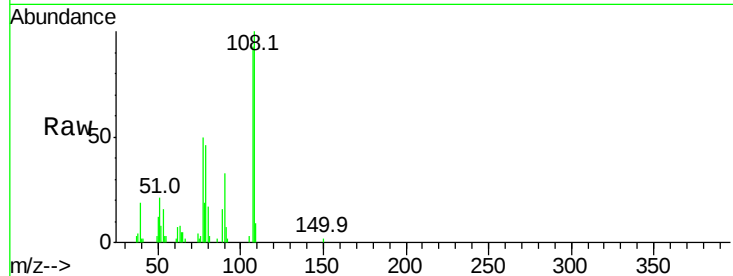
Ion Ratio Lower Upper

107 100

108 107.7 61.6 101.6#

77 53.8 13.9 53.9

79 49.9 8.8 48.8#

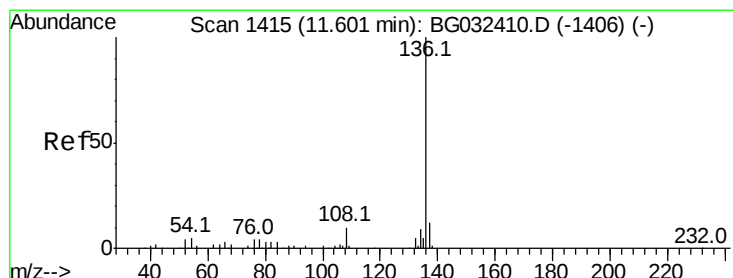
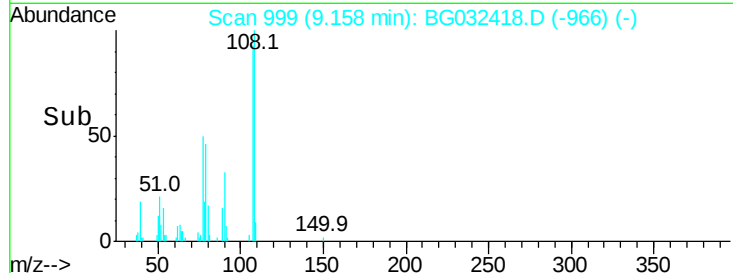
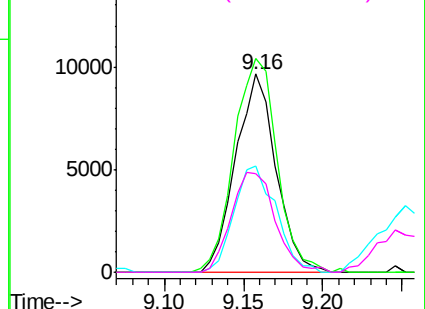


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.60 min Scan# 1415

Delta R.T. 0.00 min

Lab File: BG032418.D

Acq: 29 Jan 2018 17:25

Tgt Ion:136 Resp: 105869

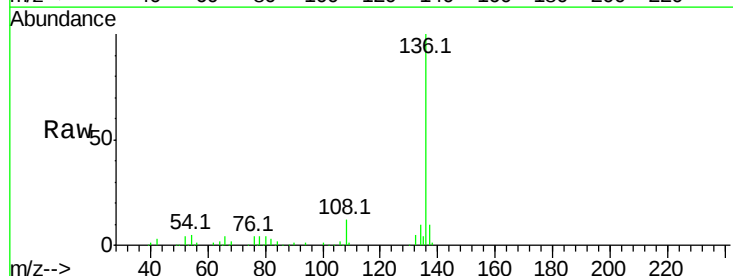
Ion Ratio Lower Upper

136 100

137 10.5 9.2 13.8

54 4.5 10.3 15.5#

68 2.4 4.5 6.7#

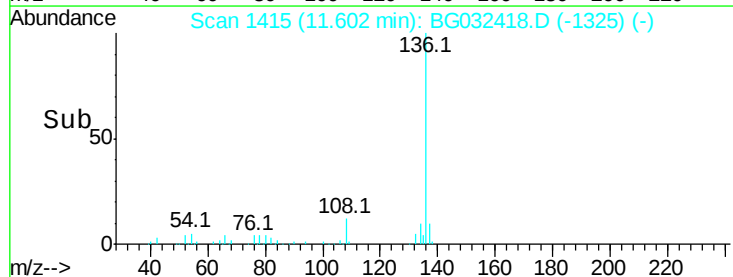
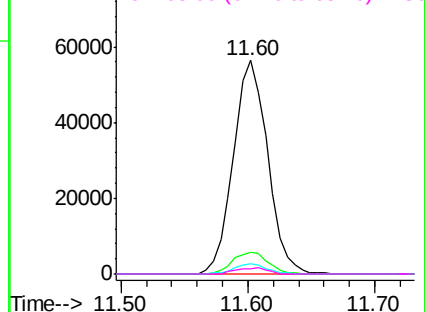


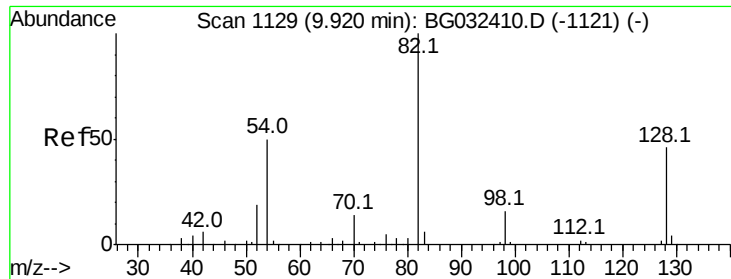
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

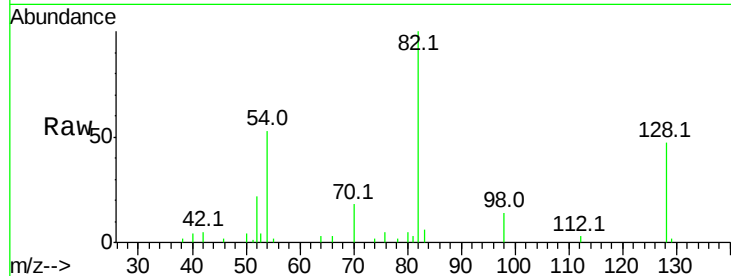




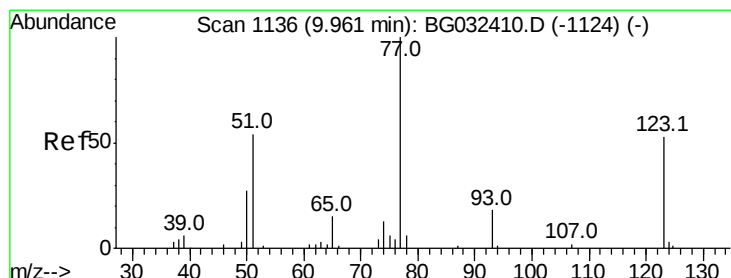
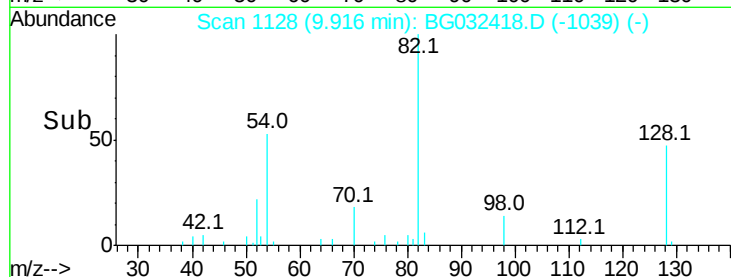
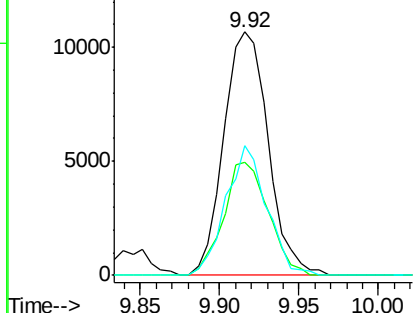
#23
 Nitrobenzene-d5
 Concen: 12.214 ng
 RT: 9.92 min Scan# 1128
 Delta R.T. -0.00 min
 Lab File: BG032418.D
 Acq: 29 Jan 2018 17:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 20703
 Ion Ratio Lower Upper
 82 100
 128 46.5 29.7 44.5#
 54 53.1 43.1 64.7

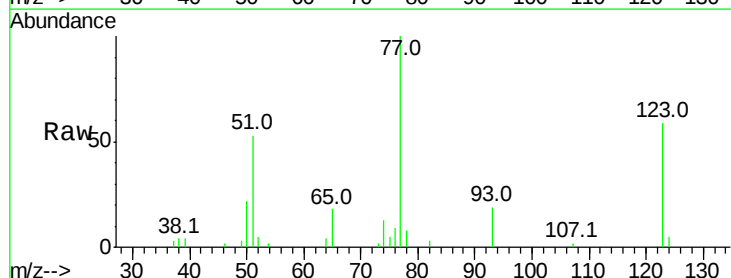


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

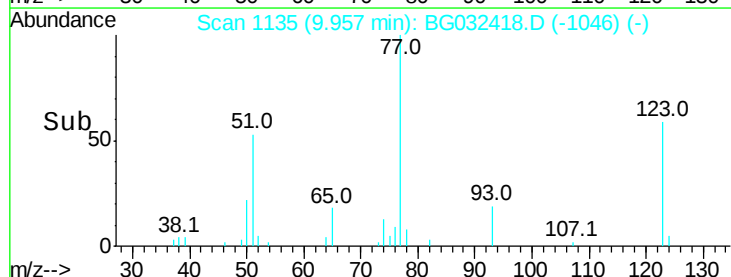
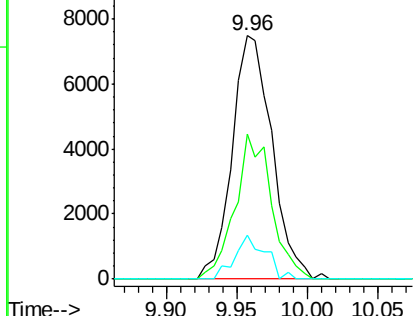


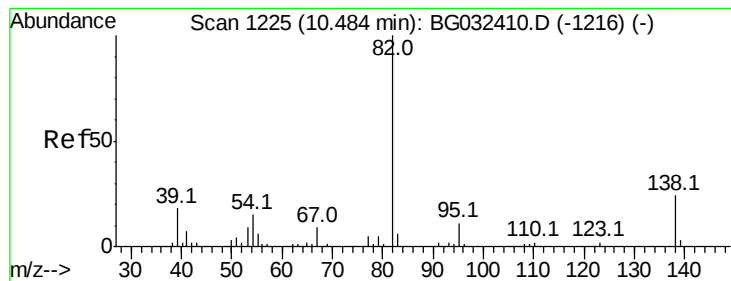
#24
 Nitrobenzene
 Concen: 8.967 ng
 RT: 9.96 min Scan# 1135
 Delta R.T. -0.00 min
 Lab File: BG032418.D
 Acq: 29 Jan 2018 17:25

Tgt Ion: 77 Resp: 14697
 Ion Ratio Lower Upper
 77 100
 123 59.4 33.0 49.6#
 65 18.2 13.0 19.6



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





#25

Isophorone

Concen: 21.803 ng

RT: 10.48 min Scan# 1224

Delta R.T. -0.00 min

Lab File: BG032418.D

Acq: 29 Jan 2018 17:25

Instrument :

BNA_G

ClientSampleId :

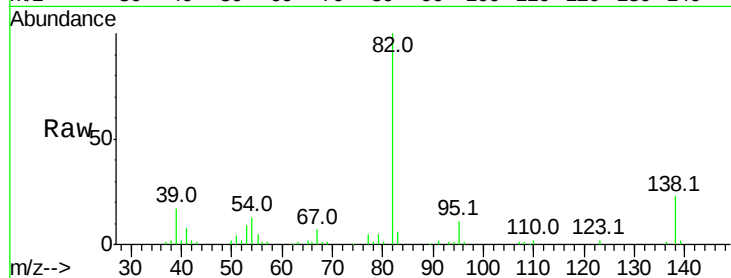
Tot Ion: 82 Resp: 62924

Ion Ratio Lower Upper

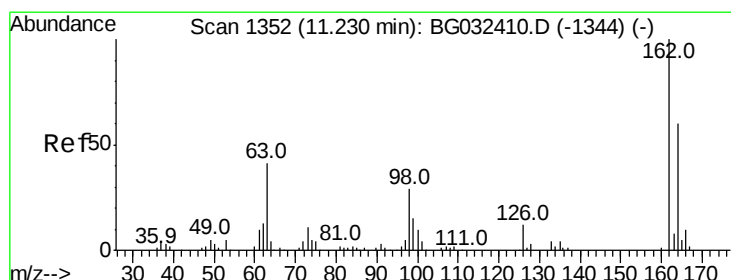
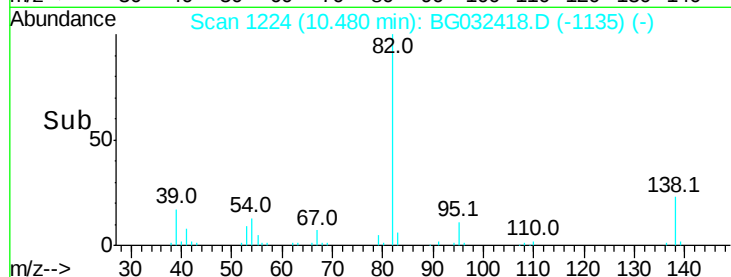
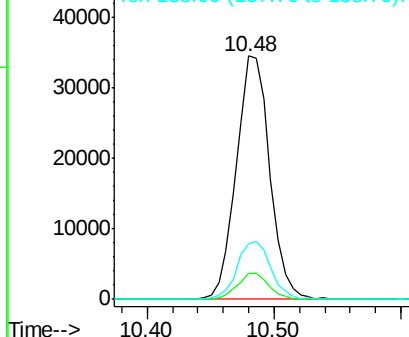
82 100

95 10.7 6.2 9.2#

138 22.9 12.1 18.1#



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



#29

2,4-Dichlorophenol

Concen: 10.206 ng

RT: 11.23 min Scan# 1352

Delta R.T. 0.00 min

Lab File: BG032418.D

Acq: 29 Jan 2018 17:25

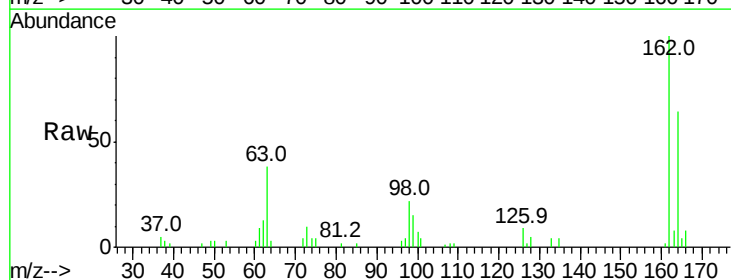
Tgt Ion:162 Resp: 19226

Ion Ratio Lower Upper

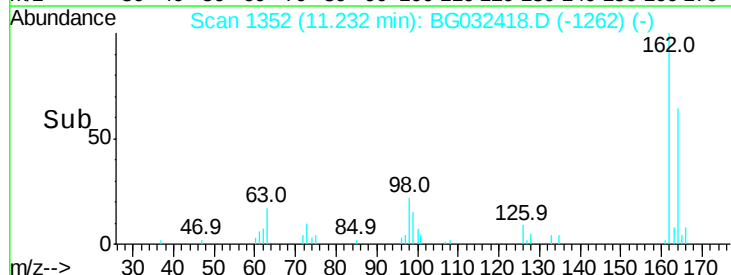
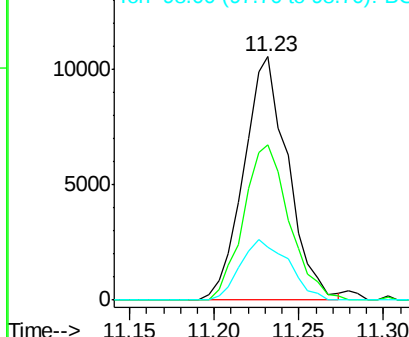
162 100

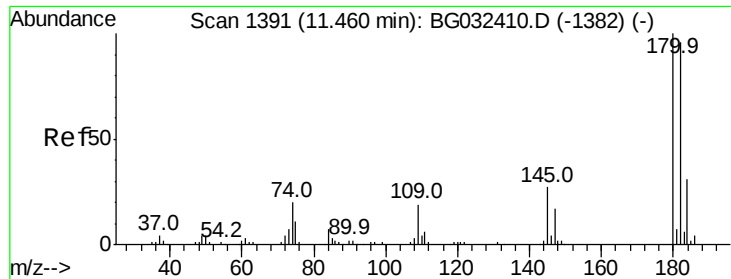
164 63.6 48.0 88.0

98 21.8 21.1 61.1



Abundance Ion 162.00 (161.70 to 162.70): BGC
Ion 164.00 (163.70 to 164.70): BGC
Ion 98.00 (97.70 to 98.70): BGC

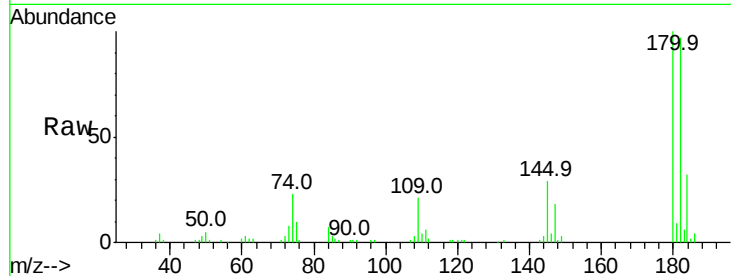




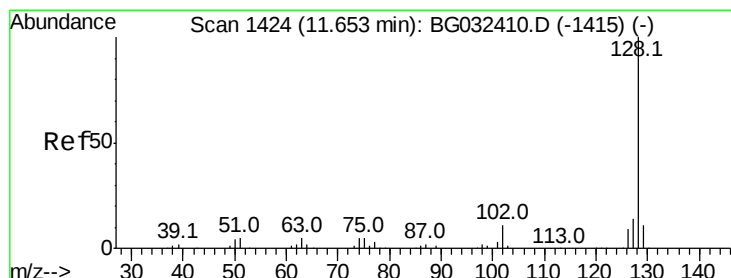
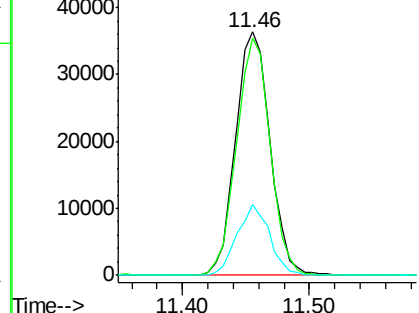
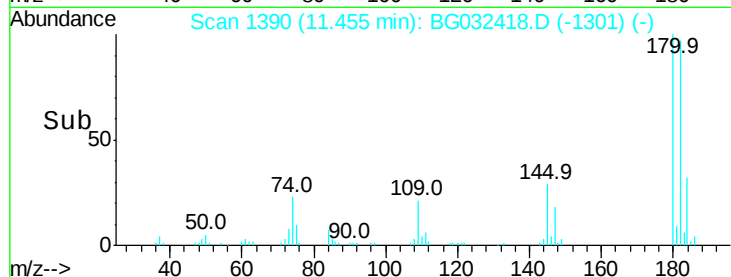
#30
 1,2,4-Trichlorobenzene
 Concen: 27.176 ng
 RT: 11.46 min Scan# 1390
 Delta R.T. -0.00 min
 Lab File: BG032418.D
 Acq: 29 Jan 2018 17:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:180 Resp: 68235
 Ion Ratio Lower Upper
 180 100
 182 97.5 77.5 116.3
 145 29.1 23.4 35.2

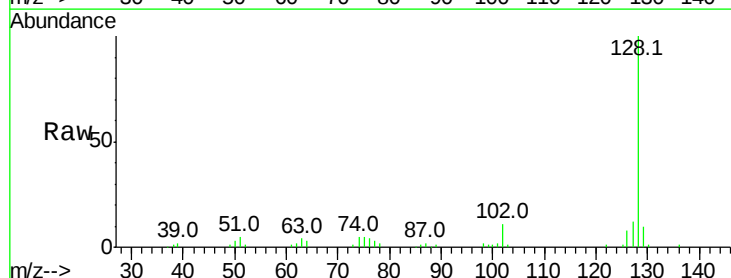


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

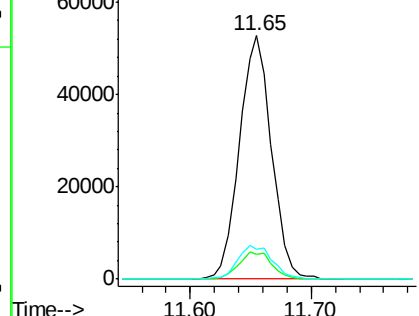
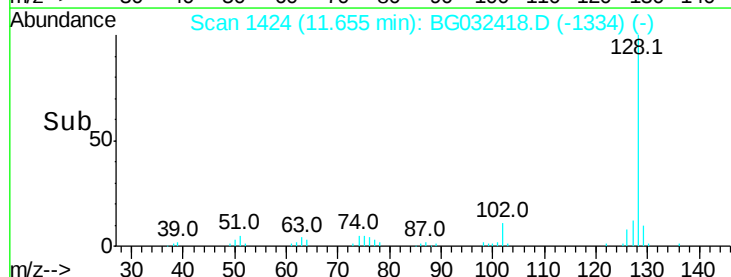


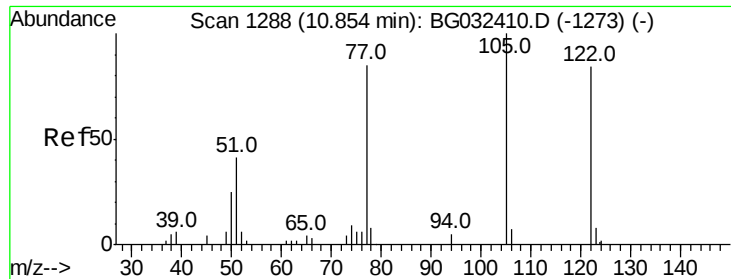
#31
 Naphthalene
 Concen: 18.803 ng
 RT: 11.65 min Scan# 1424
 Delta R.T. 0.00 min
 Lab File: BG032418.D
 Acq: 29 Jan 2018 17:25

Tgt Ion:128 Resp: 97225
 Ion Ratio Lower Upper
 128 100
 129 10.4 8.6 12.8
 127 12.0 11.6 17.4



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

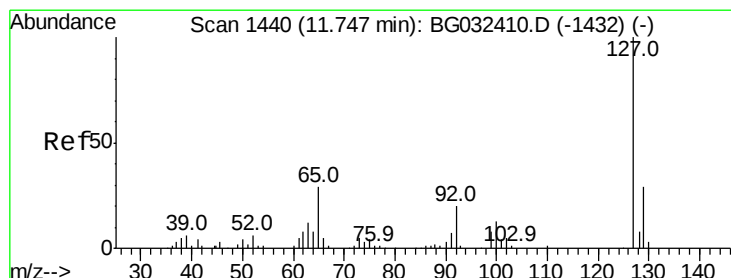
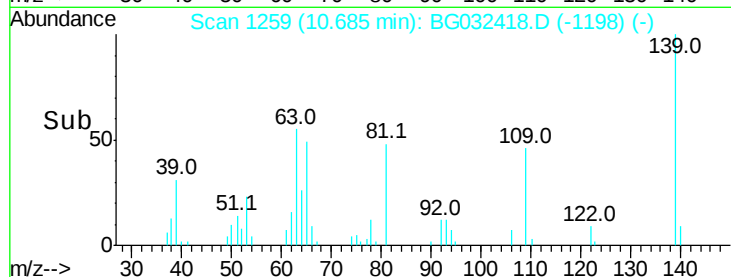
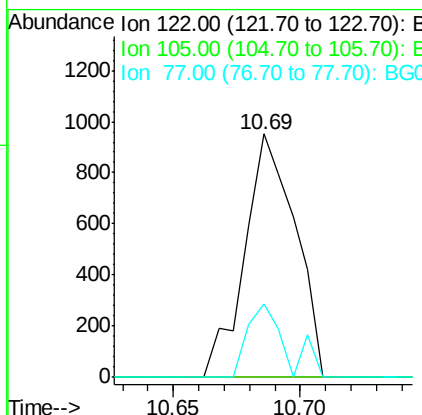
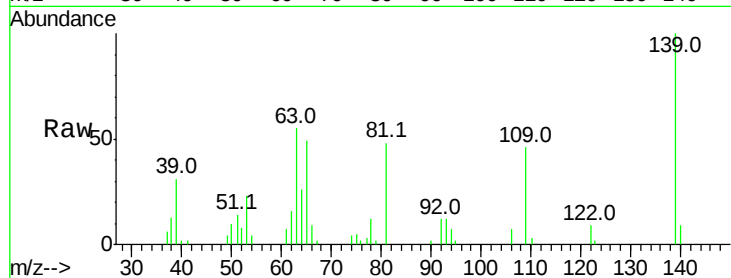




#32
Benzoic acid
Concen: 8.344 ng
RT: 10.69 min Scan# 1259
Delta R.T. -0.17 min
Lab File: BG032418.D
Acq: 29 Jan 2018 17:25

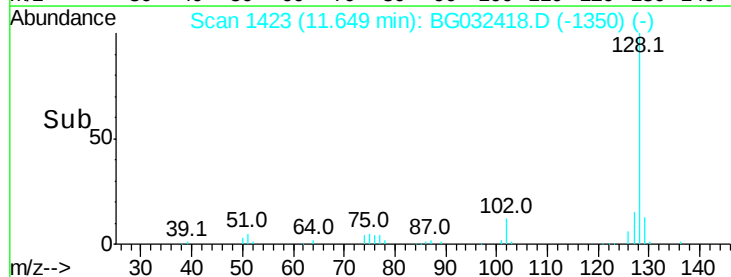
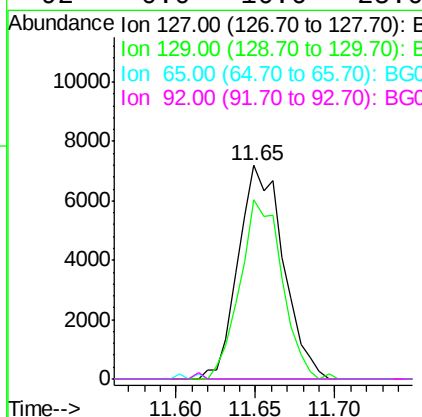
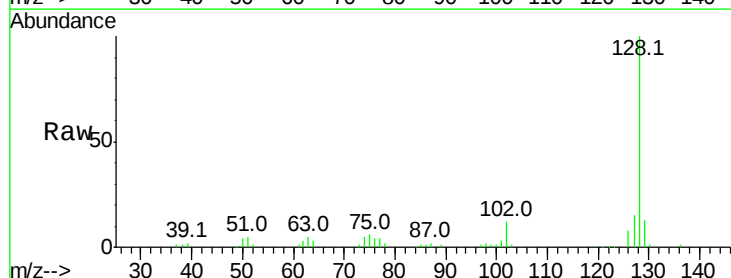
Instrument :
BNA_G
ClientSampleId :

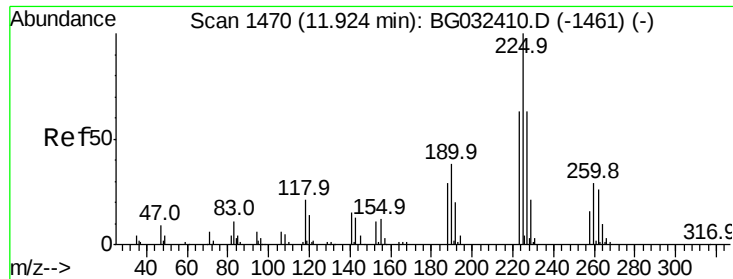
Tot Ion:122 Resp: 1326
Ion Ratio Lower Upper
122 100
105 0.0 123.5 163.5#
77 30.3 85.7 125.7#



#33
4-Chloroaniline
Concen: 6.161 ng
RT: 11.65 min Scan# 1423
Delta R.T. -0.10 min
Lab File: BG032418.D
Acq: 29 Jan 2018 17:25

Tgt Ion:127 Resp: 14208
Ion Ratio Lower Upper
127 100
129 83.7 24.0 36.0#
65 0.0 27.0 40.4#
92 0.0 16.6 25.0#





#34

Hexachlorobutadiene

Concen: 10.701 ng

RT: 11.93 min Scan# 1470

Delta R.T. 0.00 min

Lab File: BG032418.D

Acq: 29 Jan 2018 17:25

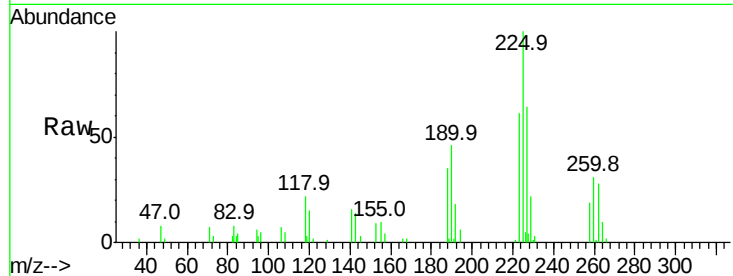
Instrument :

BNA_G

ClientSampleId :

Tot Ion:225 Resp: 20905

Ion	Ratio	Lower	Upper
225	100		
223	61.1	49.7	74.5
227	63.6	48.1	72.1

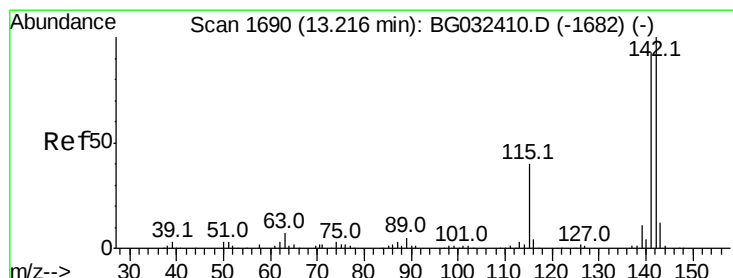
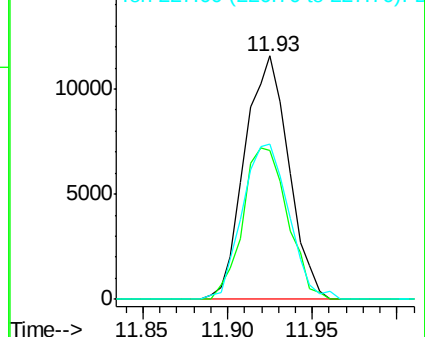
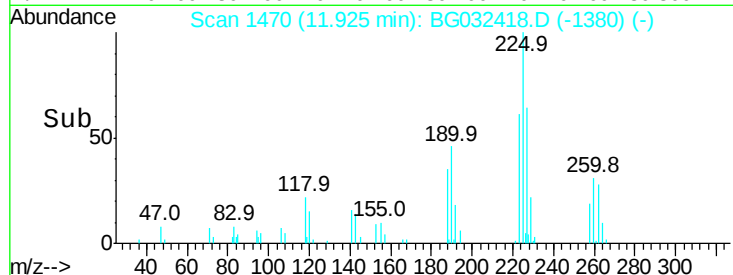


Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#37

2-Methylnaphthalene

Concen: 17.299 ng

RT: 13.22 min Scan# 1690

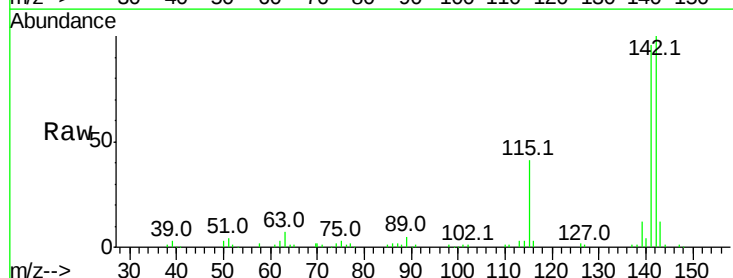
Delta R.T. 0.00 min

Lab File: BG032418.D

Acq: 29 Jan 2018 17:25

Tgt Ion:142 Resp: 75145

Ion	Ratio	Lower	Upper
142	100		
141	95.9	67.1	100.7
115	40.9	30.7	46.1

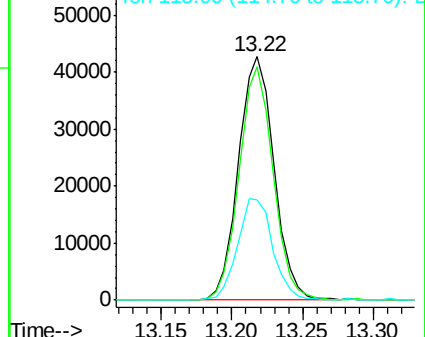
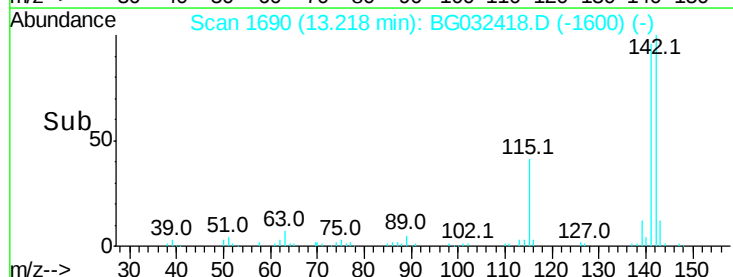


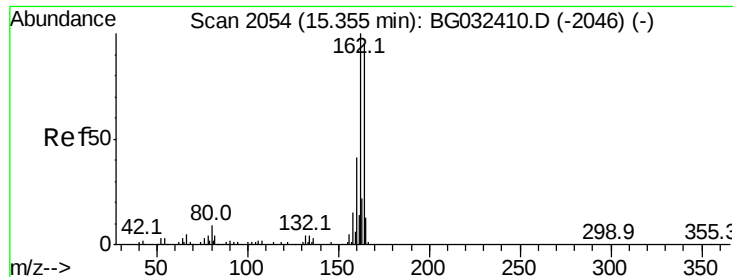
Abundance

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

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.36 min Scan# 2054

Delta R.T. 0.00 min

Lab File: BG032418.D

Acq: 29 Jan 2018 17:25

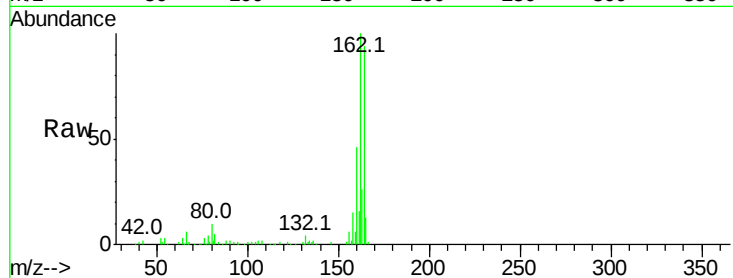
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 83677

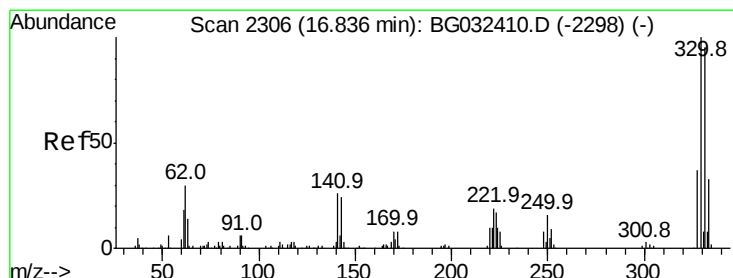
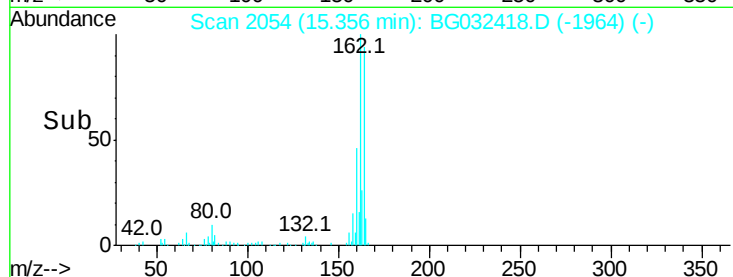
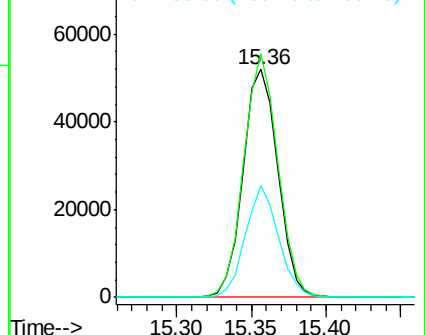
Ion	Ratio	Lower	Upper
164	100		
162	106.8	78.8	118.2
160	48.8	35.4	53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 18.541 ng

RT: 16.83 min Scan# 2305

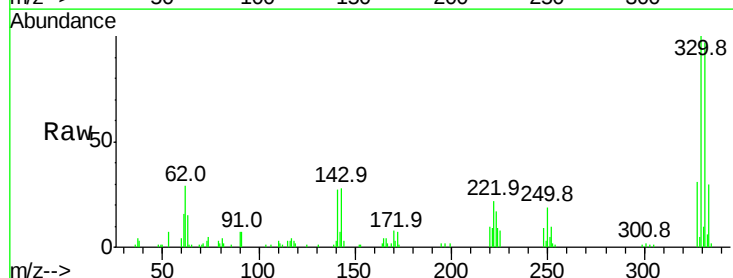
Delta R.T. -0.00 min

Lab File: BG032418.D

Acq: 29 Jan 2018 17:25

Tgt Ion:330 Resp: 29532

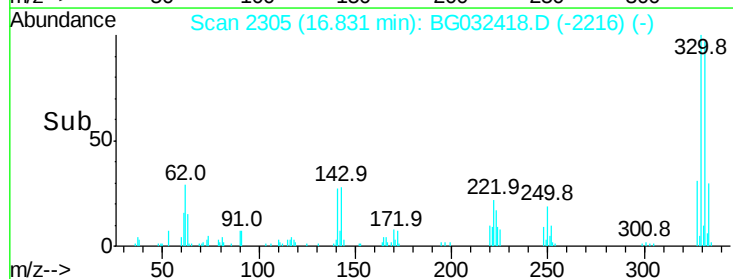
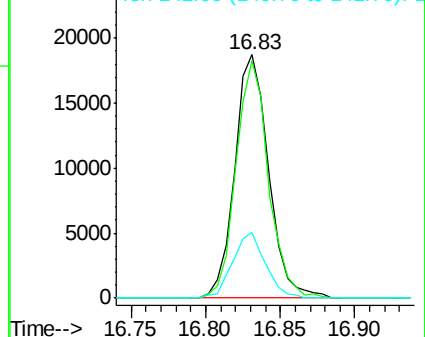
Ion	Ratio	Lower	Upper
330	100		
332	93.4	77.0	115.6
141	26.1	25.2	37.8

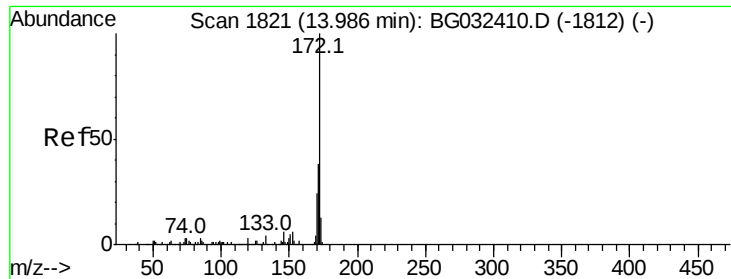


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

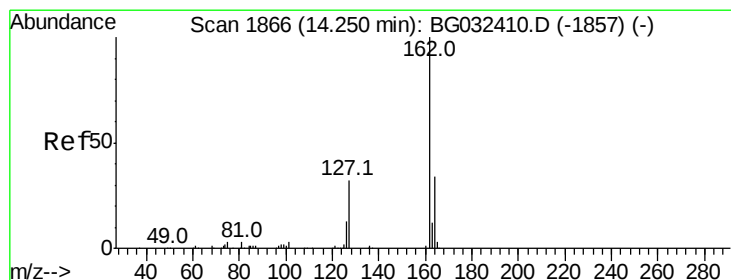
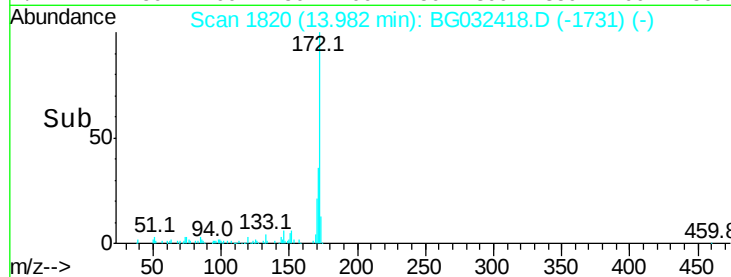
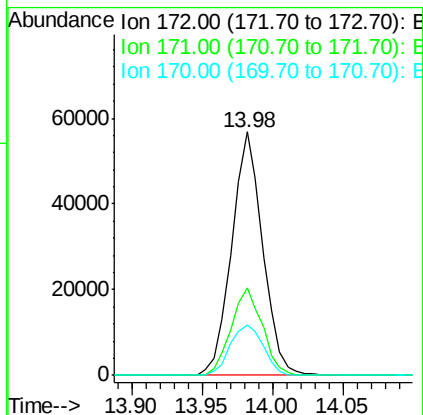
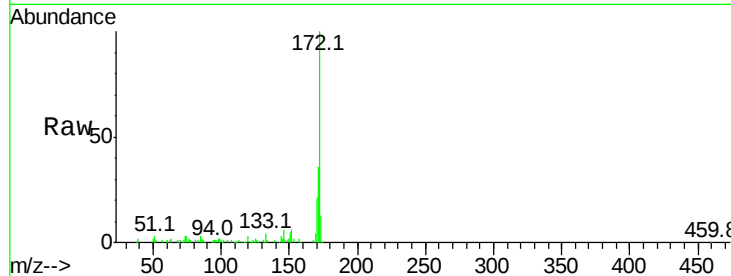




#44
2-Fluorobiphenyl
Concen: 12.309 ng
RT: 13.98 min Scan# 1820
Delta R.T. -0.00 min
Lab File: BG032418.D
Acq: 29 Jan 2018 17:25

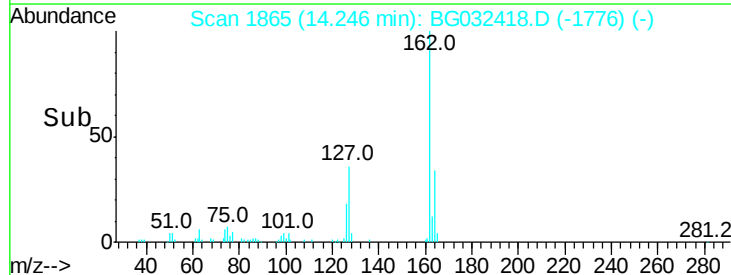
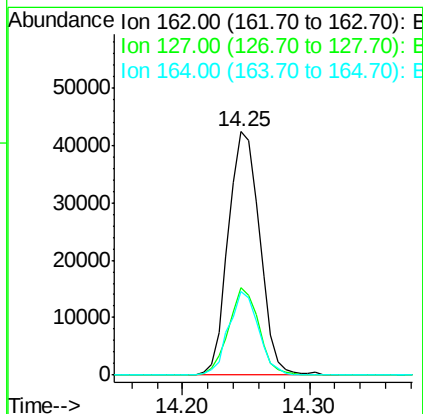
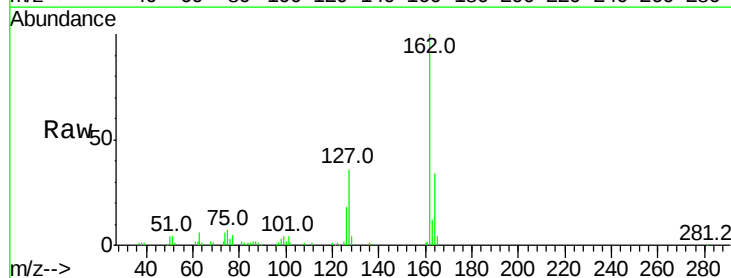
Instrument :
BNA_G
ClientSampleId :

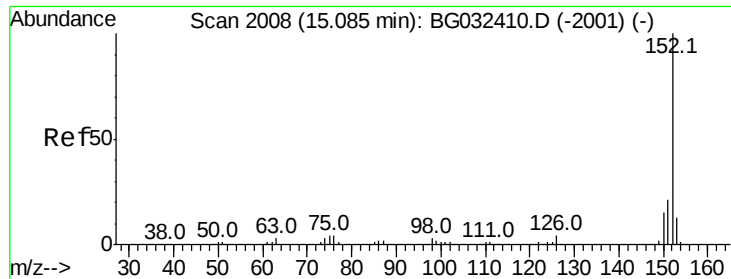
Tot Ion:172 Resp: 86659
Ion Ratio Lower Upper
172 100
171 35.8 30.0 45.0
170 20.9 19.5 29.3



#46
2-Chloronaphthalene
Concen: 13.141 ng
RT: 14.25 min Scan# 1865
Delta R.T. -0.00 min
Lab File: BG032418.D
Acq: 29 Jan 2018 17:25

Tgt Ion:162 Resp: 72811
Ion Ratio Lower Upper
162 100
127 35.8 30.7 46.1
164 34.2 26.0 39.0





#48

Acenaphthylene

Concen: 2.956 ng

RT: 15.42 min Scan# 2065

Delta R.T. 0.34 min

Lab File: BG032418.D

Acq: 29 Jan 2018 17:25

Instrument :

BNA_G

ClientSampleId :

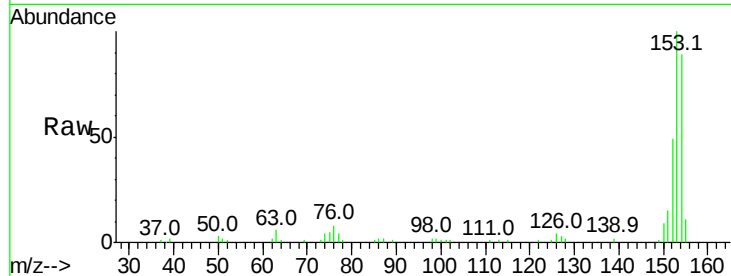
Tot Ion:152 Resp: 24761

Ion Ratio Lower Upper

152 100

151 30.9 17.2 25.8#

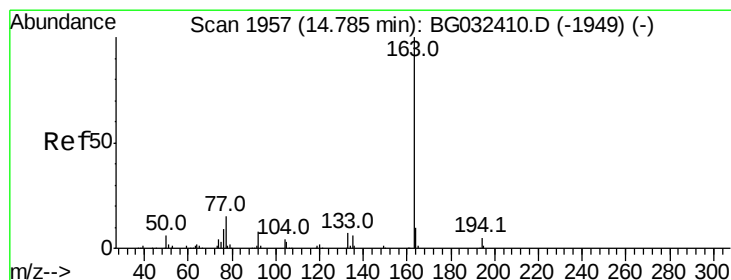
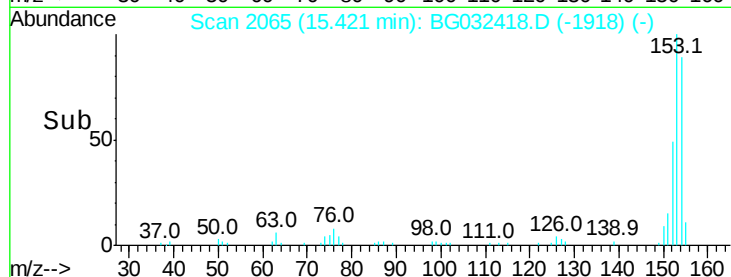
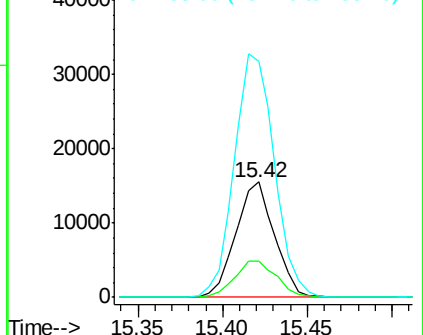
153 204.2 10.2 15.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 6.706 ng

RT: 14.78 min Scan# 1956

Delta R.T. -0.00 min

Lab File: BG032418.D

Acq: 29 Jan 2018 17:25

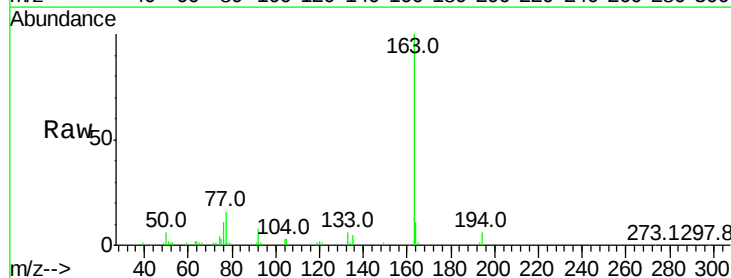
Tgt Ion:163 Resp: 51739

Ion Ratio Lower Upper

163 100

194 5.5 3.4 5.2#

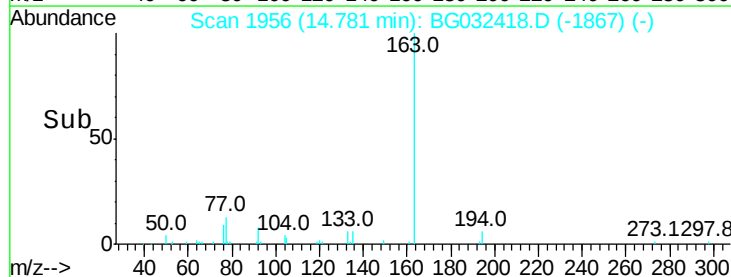
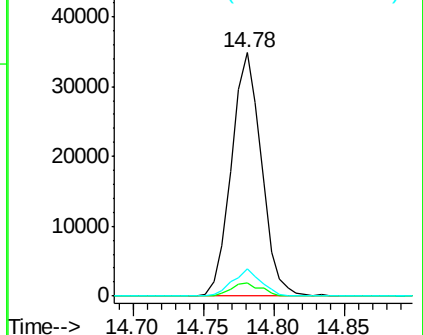
164 11.0 8.2 12.4

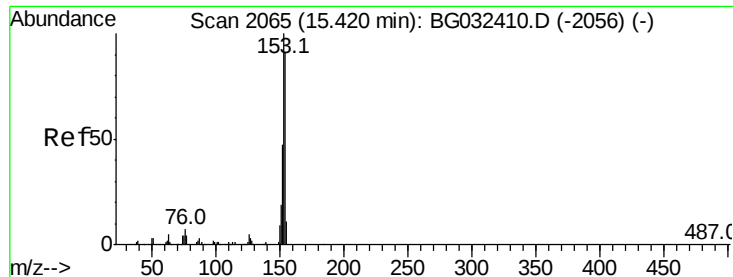


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 7.996 ng

RT: 15.42 min Scan# 2064

Delta R.T. -0.00 min

Lab File: BG032418.D

Acq: 29 Jan 2018 17:25

Instrument :

BNA_G

ClientSampleId :

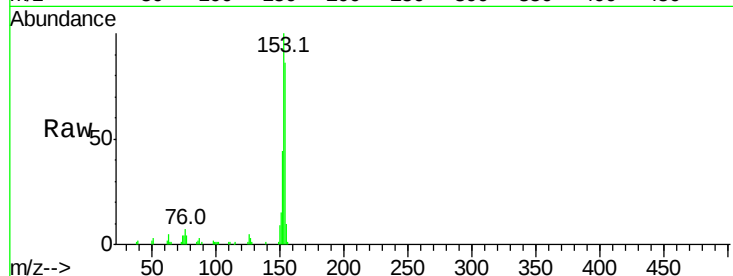
Tot Ion:154 Resp: 46450

Ion Ratio Lower Upper

154 100

153 116.5 90.4 135.6

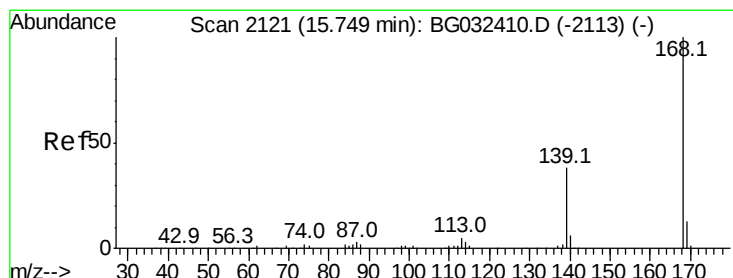
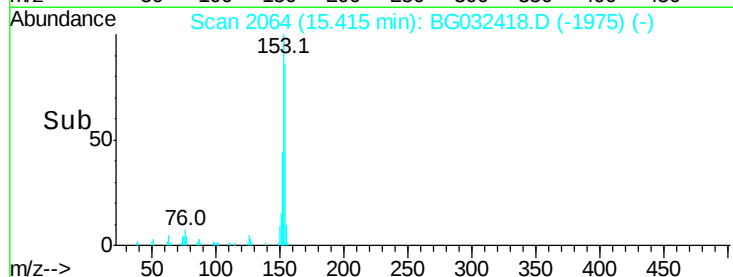
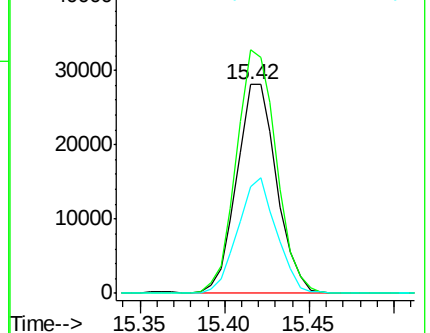
152 51.3 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 14.197 ng

RT: 15.75 min Scan# 2121

Delta R.T. 0.00 min

Lab File: BG032418.D

Acq: 29 Jan 2018 17:25

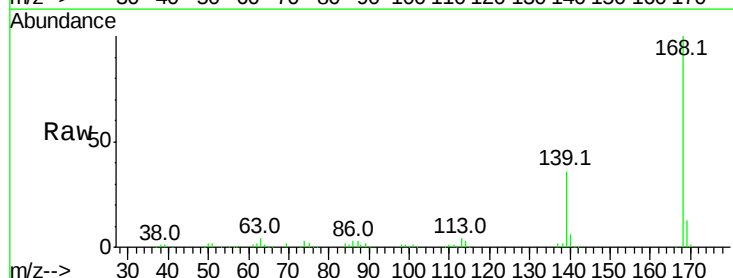
Tgt Ion:168 Resp: 122075

Ion Ratio Lower Upper

168 100

139 36.2 28.6 43.0

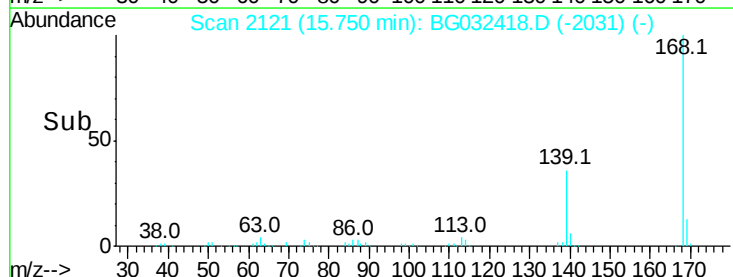
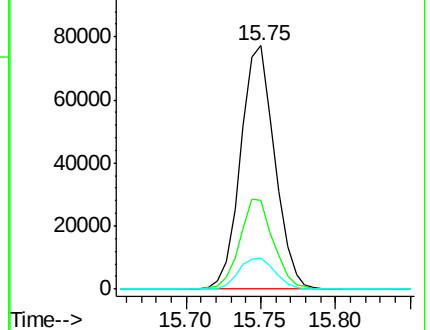
169 12.7 11.2 16.8

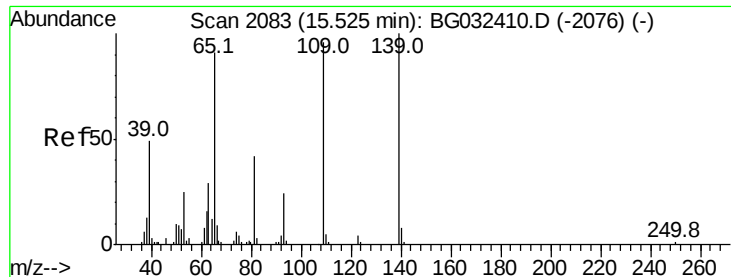


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

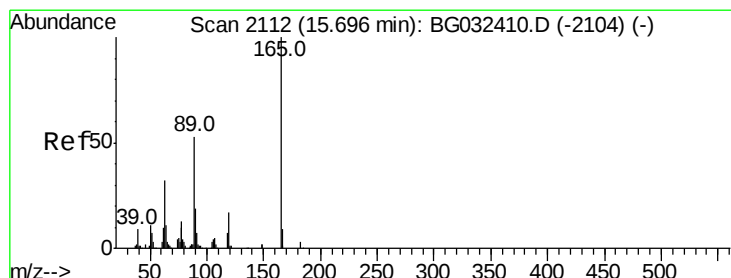
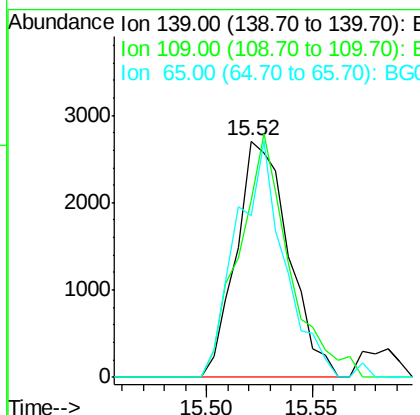
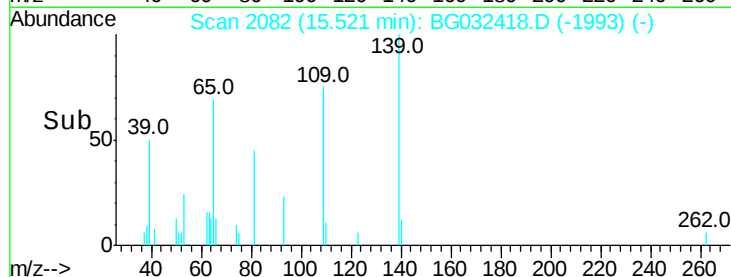
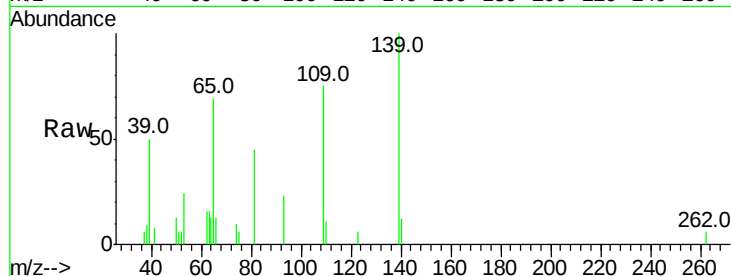




#55
4-Nitrophenol
Concen: 4.403 ng
RT: 15.52 min Scan# 2082
Delta R.T. -0.00 min
Lab File: BG032418.D
Acq: 29 Jan 2018 17:25

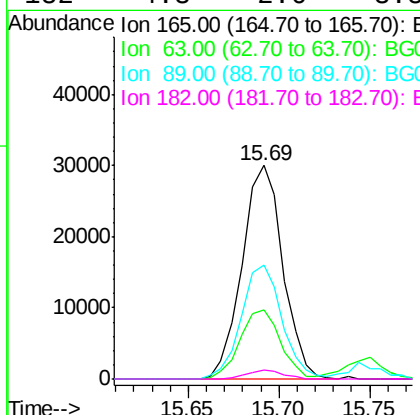
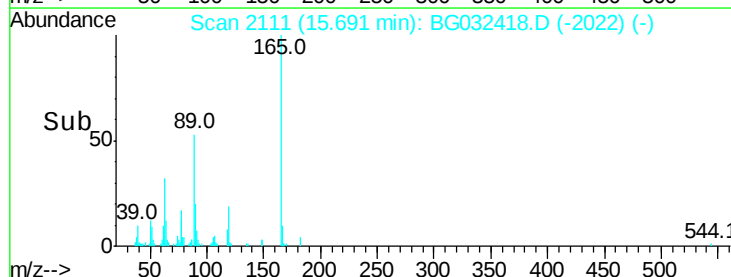
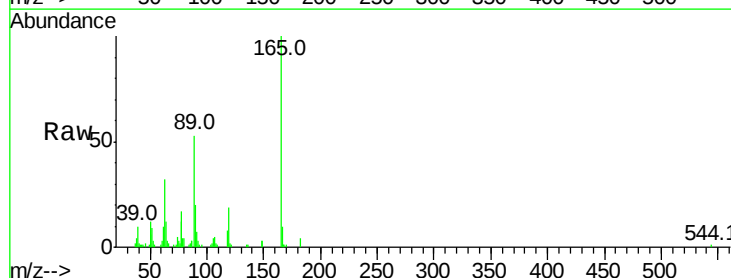
Instrument :
BNA_G
ClientSampleId :

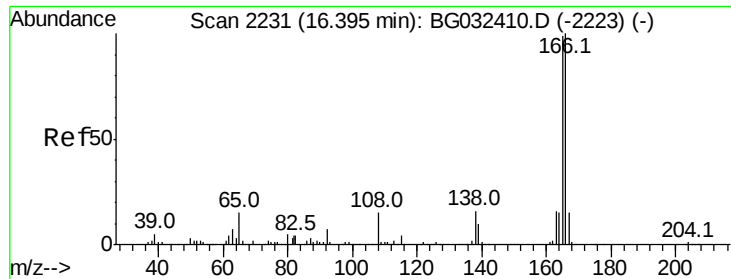
Tot Ion:139 Resp: 4662
Ion Ratio Lower Upper
139 100
109 74.9 62.2 102.2
65 68.7 97.2 137.2#



#56
2,4-Dinitrotoluene
Concen: 20.343 ng
RT: 15.69 min Scan# 2111
Delta R.T. -0.00 min
Lab File: BG032418.D
Acq: 29 Jan 2018 17:25

Tgt Ion:165 Resp: 46905
Ion Ratio Lower Upper
165 100
63 32.1 42.0 63.0#
89 53.4 66.9 100.3#
182 4.3 2.6 3.8#

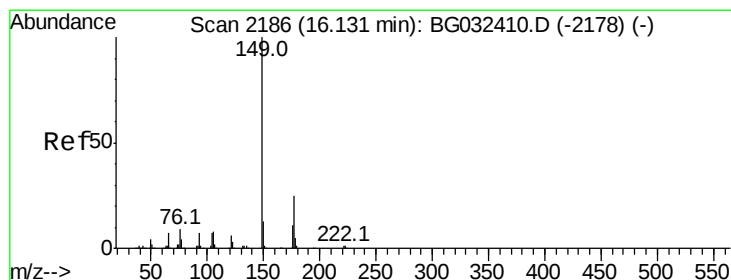
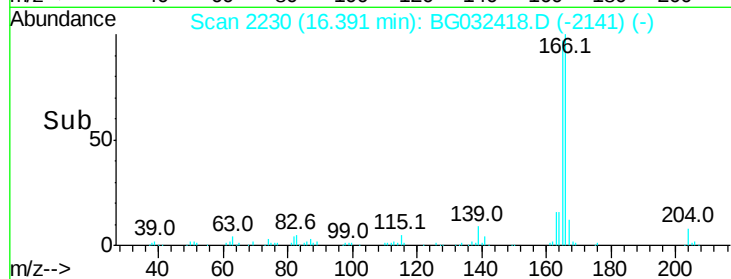
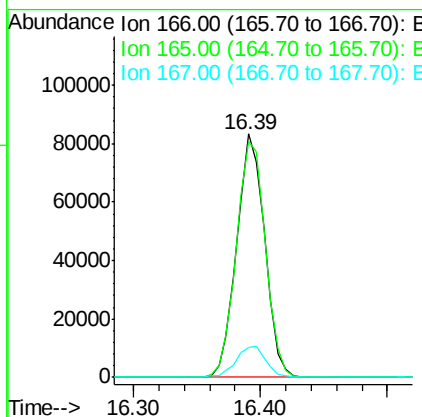
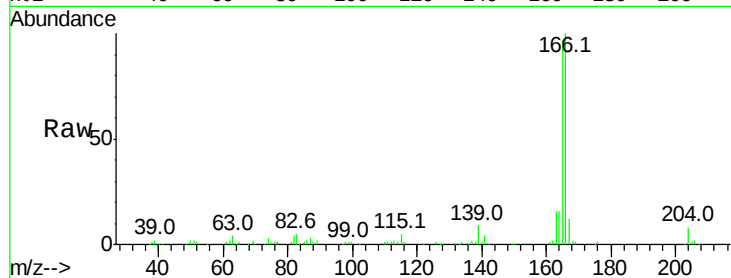




#57
 Fluorene
 Concen: 17.815 ng
 RT: 16.39 min Scan# 2230
 Delta R.T. -0.00 min
 Lab File: BG032418.D
 Acq: 29 Jan 2018 17:25

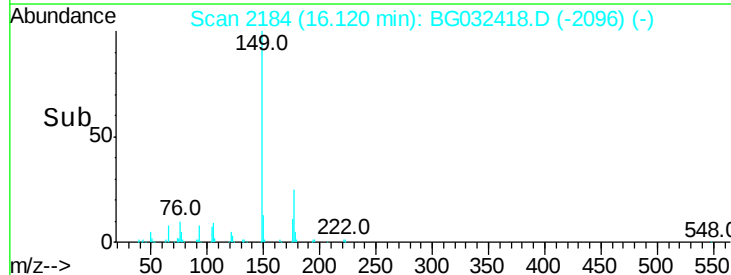
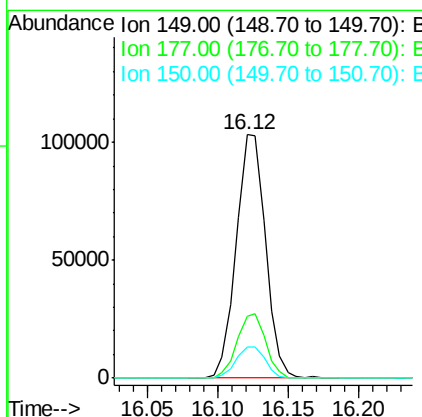
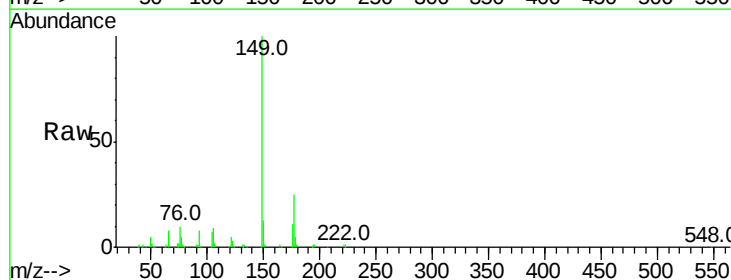
Instrument :
 BNA_G
 ClientSampled :

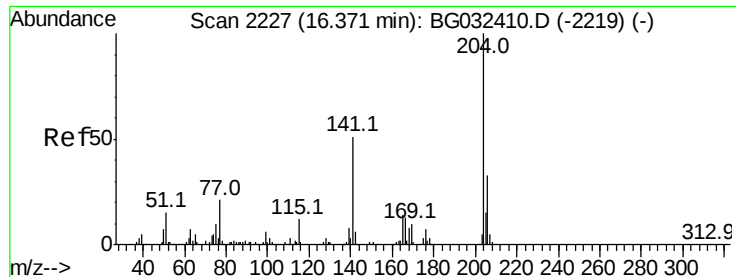
Tot Ion:166 Resp: 127285
 Ion Ratio Lower Upper
 166 100
 165 97.2 80.6 121.0
 167 12.1 10.4 15.6



#59
 Diethylphthalate
 Concen: 19.930 ng
 RT: 16.12 min Scan# 2184
 Delta R.T. -0.01 min
 Lab File: BG032418.D
 Acq: 29 Jan 2018 17:25

Tgt Ion:149 Resp: 149761
 Ion Ratio Lower Upper
 149 100
 177 25.2 18.5 27.7
 150 12.7 10.2 15.2





#60

4-Chlorophenyl-phenylether

Concen: 15.849 ng

RT: 16.37 min Scan# 2227

Delta R.T. 0.00 min

Lab File: BG032418.D

Acq: 29 Jan 2018 17:25

Instrument :

BNA_G

ClientSampled :

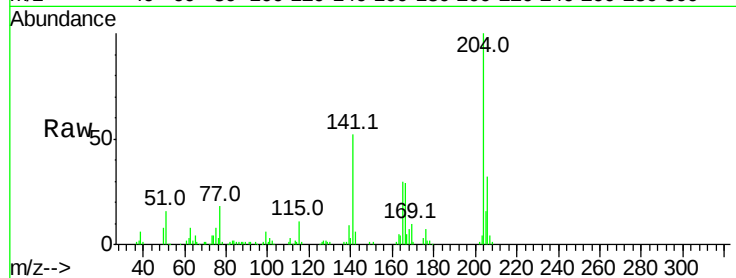
Tot Ion: 204 Resp: 71407

Ion Ratio Lower Upper

204 100

206 32.1 26.2 39.2

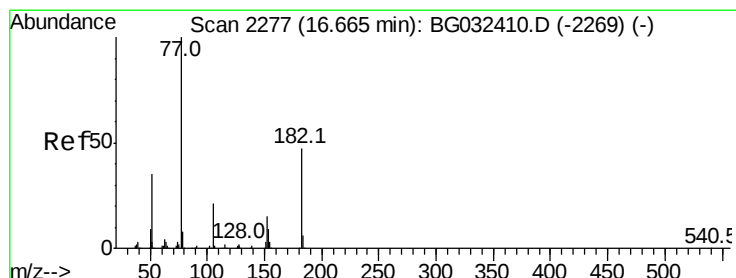
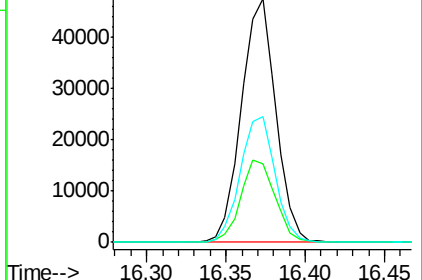
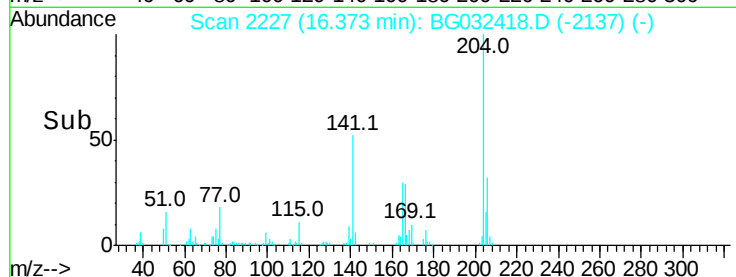
141 51.6 45.8 68.6



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

Azobenzene

Concen: 3.333 ng

RT: 16.37 min Scan# 2226

Delta R.T. -0.30 min

Lab File: BG032418.D

Acq: 29 Jan 2018 17:25

Tgt Ion: 77 Resp: 14967

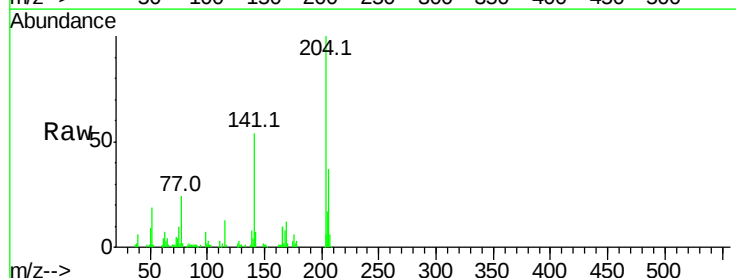
Ion Ratio Lower Upper

77 100

182 0.0 7.4 47.4#

105 0.0 0.3 40.3#

51 78.6 11.6 51.6#

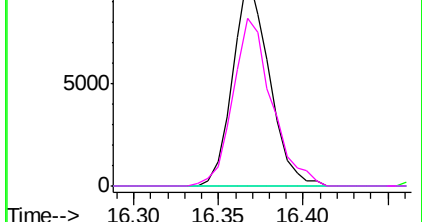
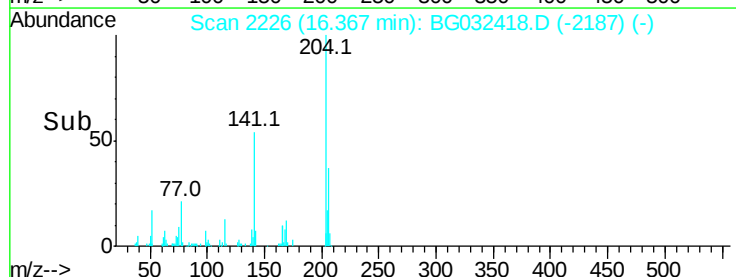


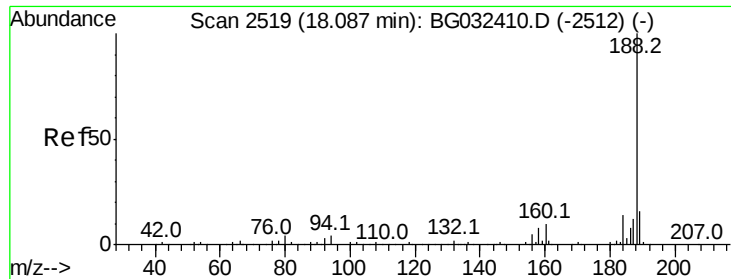
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC

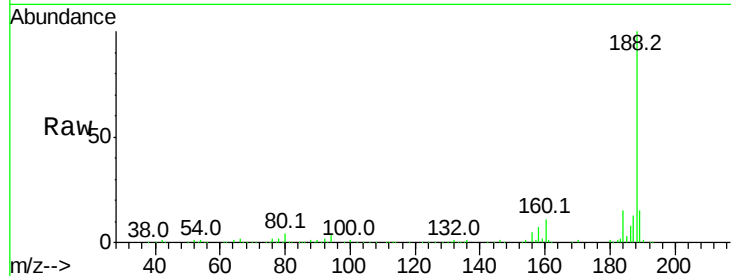




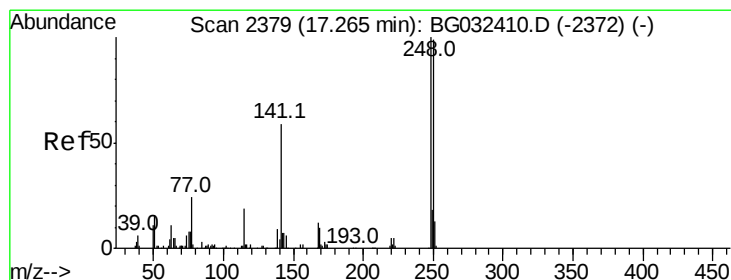
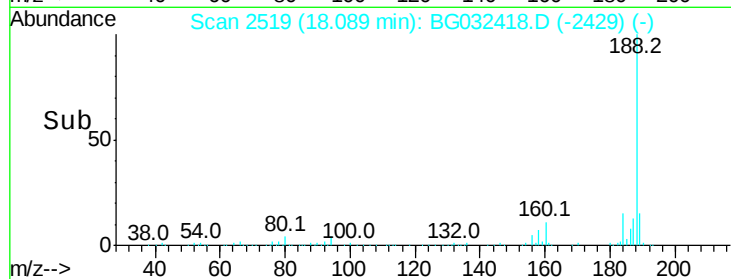
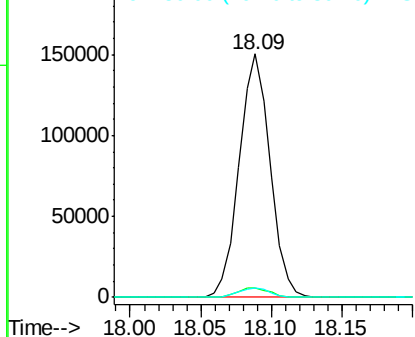
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.09 min Scan# 2519
Delta R.T. 0.00 min
Lab File: BG032418.D
Acq: 29 Jan 2018 17:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 229265
Ion Ratio Lower Upper
188 100
94 3.7 6.9 10.3#
80 3.7 7.7 11.5#

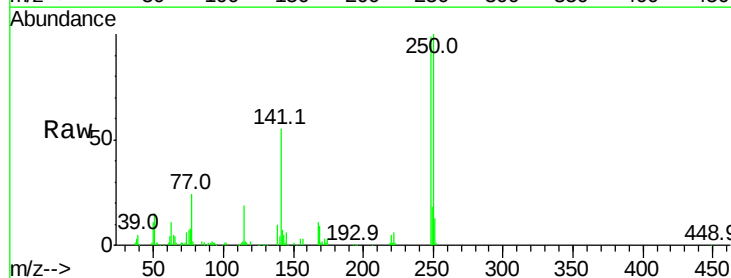


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

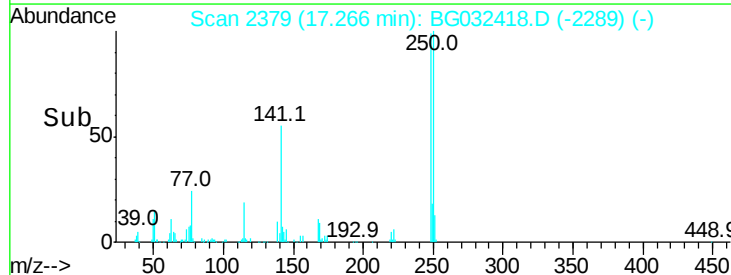
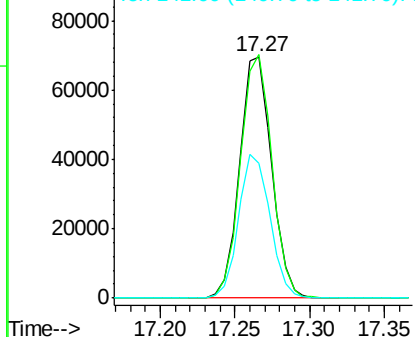


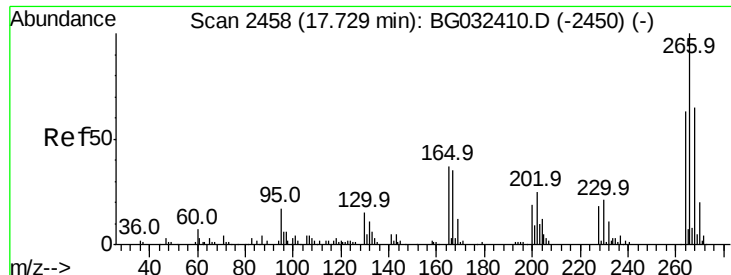
#66
4-Bromophenyl-phenylether
Concen: 30.402 ng
RT: 17.27 min Scan# 2379
Delta R.T. 0.00 min
Lab File: BG032418.D
Acq: 29 Jan 2018 17:25

Tgt Ion:248 Resp: 103261
Ion Ratio Lower Upper
248 100
250 100.9 77.1 115.7
141 55.9 50.8 76.2



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

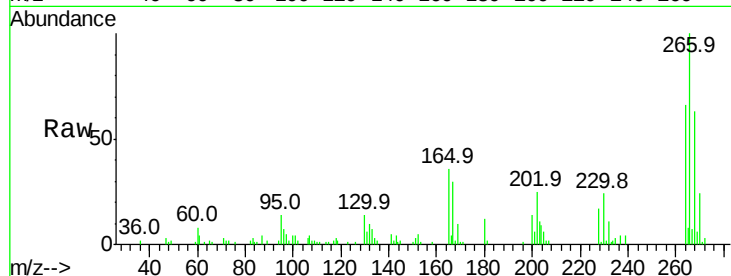




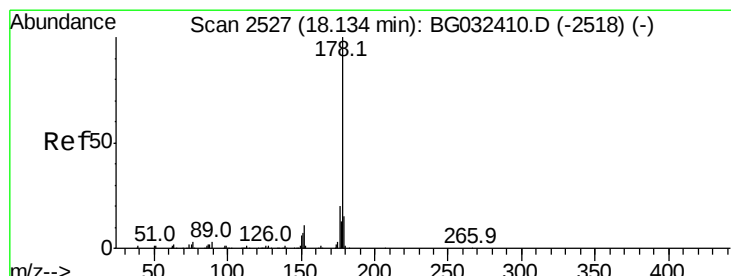
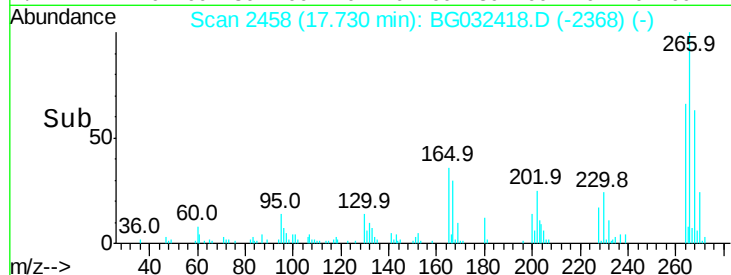
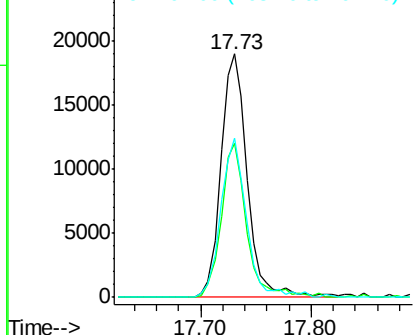
#69
 Pentachlorophenol
 Concen: 13.409 ng
 RT: 17.73 min Scan# 2458
 Delta R.T. 0.00 min
 Lab File: BG032418.D
 Acq: 29 Jan 2018 17:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.1	51.1	76.7
264	65.5	49.6	74.4

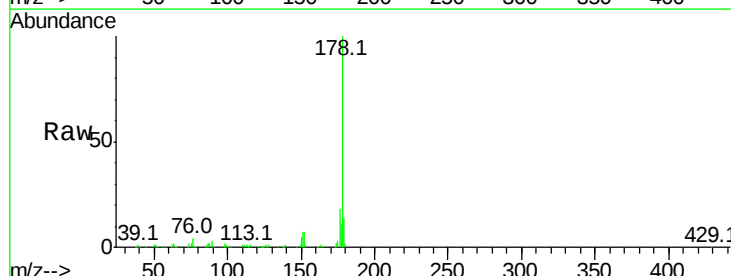


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

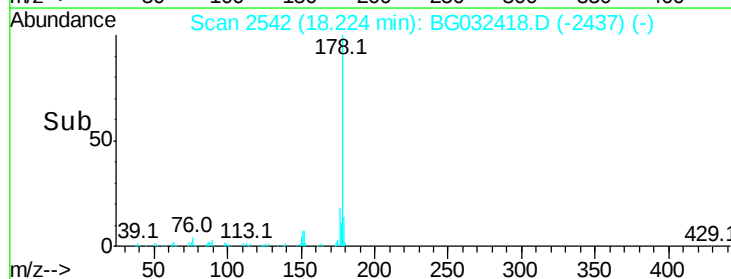
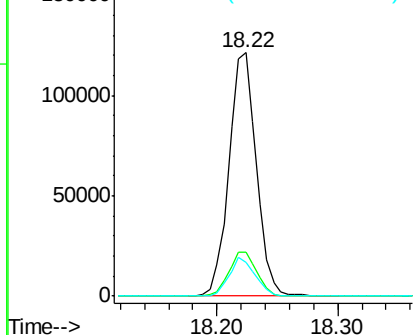


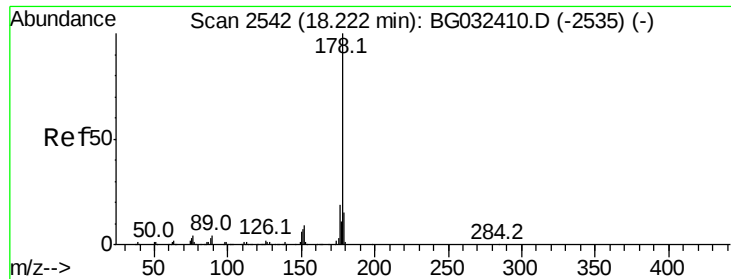
#70
 Phenanthrene
 Concen: 14.957 ng
 RT: 18.22 min Scan# 2542
 Delta R.T. 0.09 min
 Lab File: BG032418.D
 Acq: 29 Jan 2018 17:25

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.7	23.5
179	13.7	12.5	18.7



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

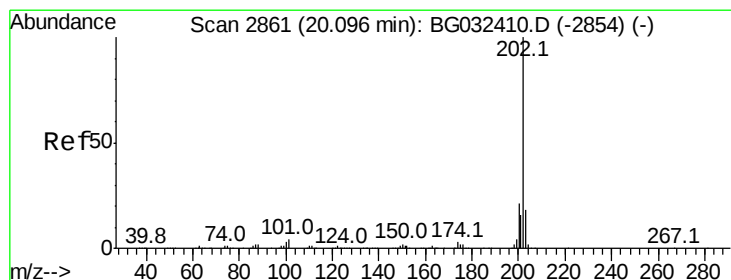
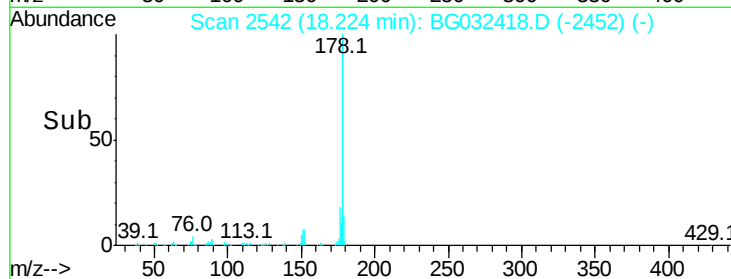
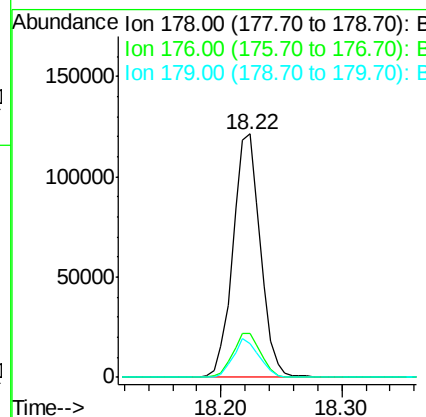
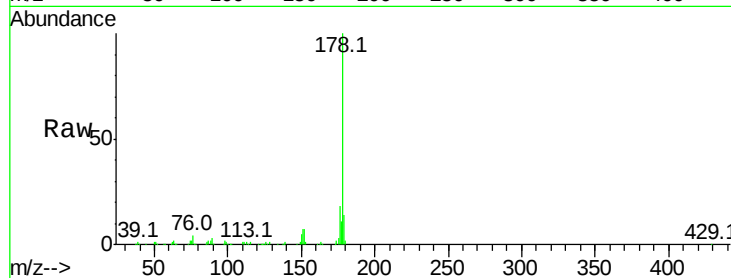




#71
 Anthracene
 Concen: 15.022 ng
 RT: 18.22 min Scan# 2542
 Delta R.T. 0.00 min
 Lab File: BG032418.D
 Acq: 29 Jan 2018 17:25

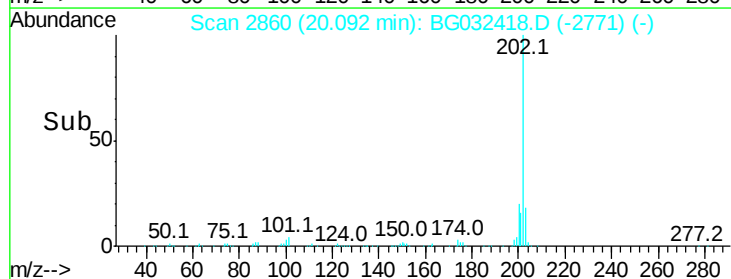
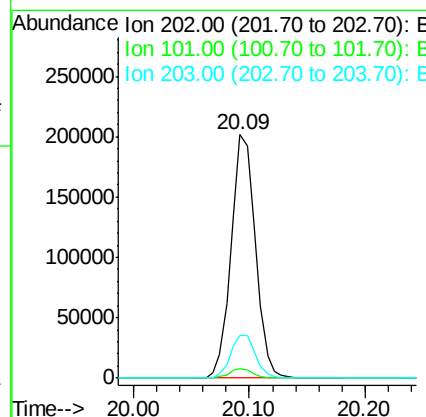
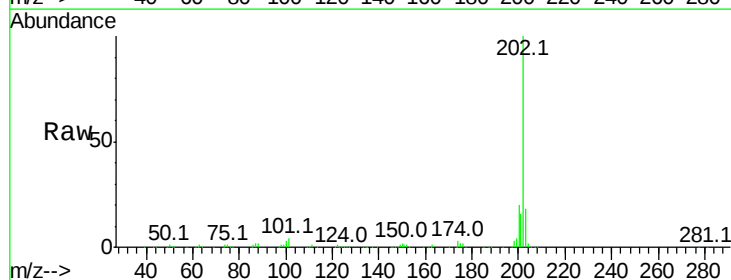
Instrument :
 BNA_G
 ClientSampleId :

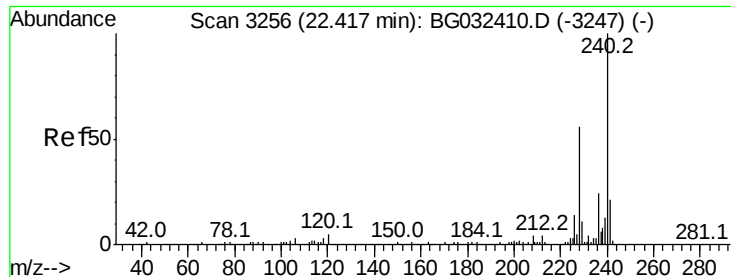
Tot Ion	Ratio	Lower	Upper
178	100		
176	17.9	16.0	24.0
179	13.7	12.5	18.7



#74
 Fluoranthene
 Concen: 17.560 ng
 RT: 20.09 min Scan# 2860
 Delta R.T. -0.00 min
 Lab File: BG032418.D
 Acq: 29 Jan 2018 17:25

Tgt Ion	Ratio	Lower	Upper
202	100		
101	4.1	0.0	28.9
203	17.6	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.42 min Scan# 3256

Delta R.T. 0.00 min

Lab File: BG032418.D

Acq: 29 Jan 2018 17:25

Instrument :

BNA_G

ClientSampleId :

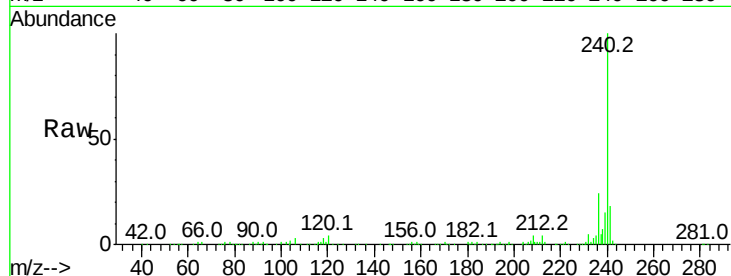
Tot Ion:240 Resp: 280806

Ion Ratio Lower Upper

240 100

120 4.1 6.8 10.2#

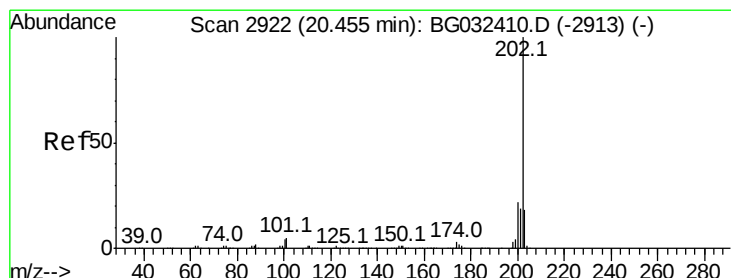
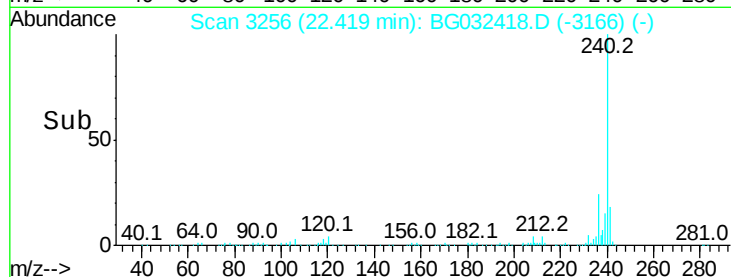
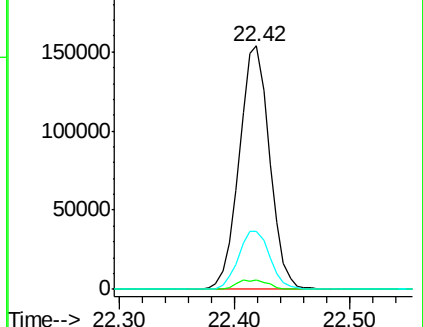
236 23.7 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 17.095 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.36 min

Lab File: BG032418.D

Acq: 29 Jan 2018 17:25

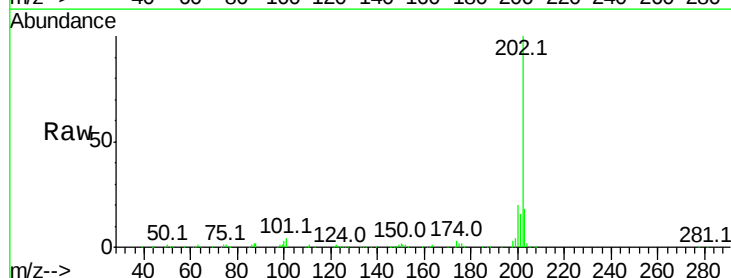
Tgt Ion:202 Resp: 294423

Ion Ratio Lower Upper

202 100

200 20.4 16.9 25.3

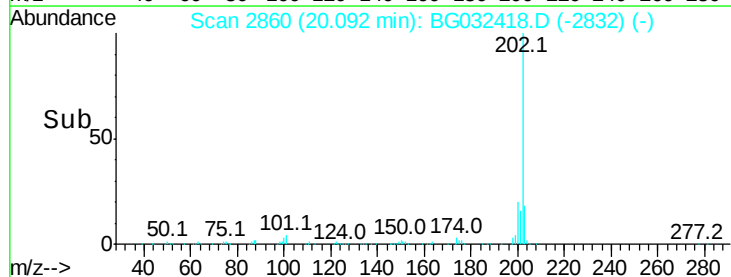
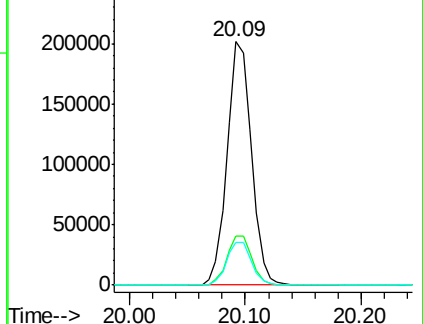
203 17.6 13.9 20.9

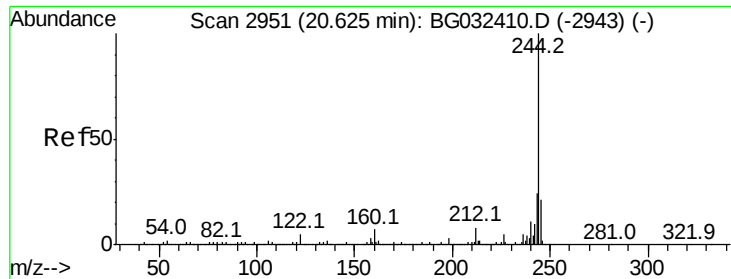


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 15.386 ng

RT: 20.62 min Scan# 2950

Delta R.T. -0.00 min

Lab File: BG032418.D

Acq: 29 Jan 2018 17:25

Instrument :

BNA_G

ClientSampleId :

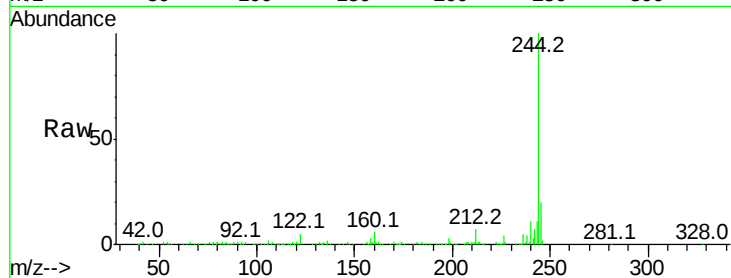
Tot Ion:244 Resp: 201695

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

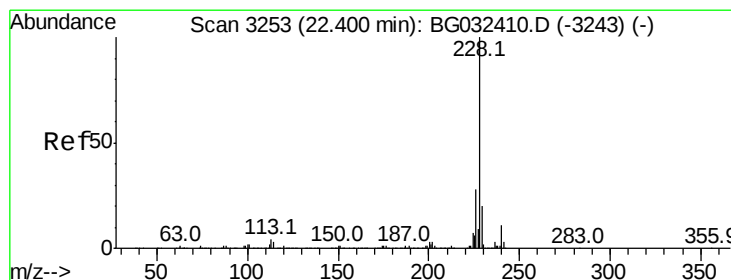
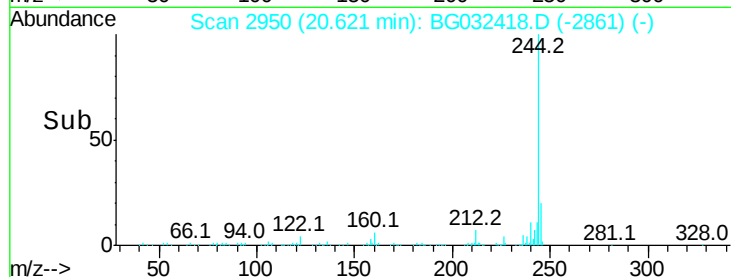
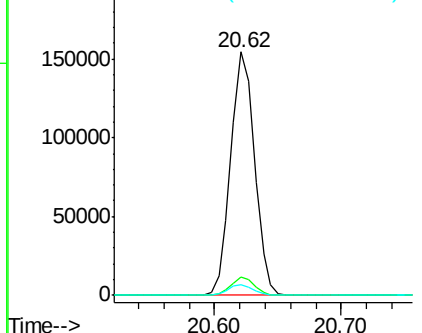
122 4.5 7.0 10.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Benzo(a)anthracene

Concen: 9.901 ng

RT: 22.47 min Scan# 3264

Delta R.T. 0.07 min

Lab File: BG032418.D

Acq: 29 Jan 2018 17:25

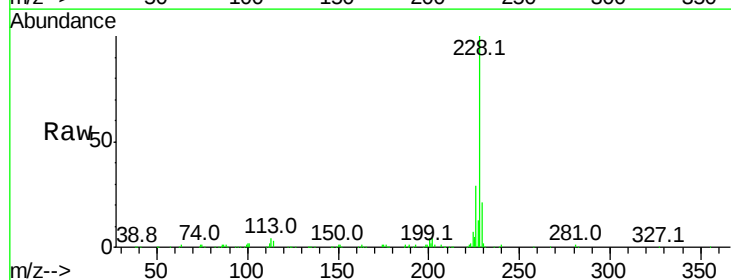
Tgt Ion:228 Resp: 172364

Ion Ratio Lower Upper

228 100

226 29.0 22.7 34.1

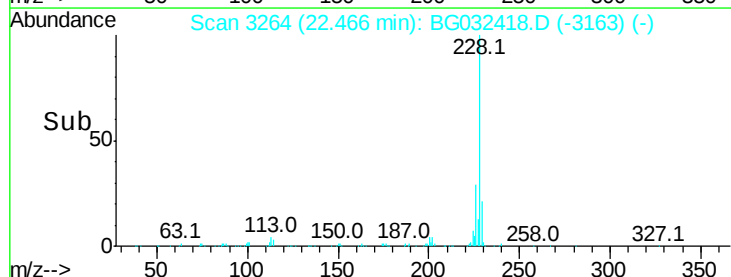
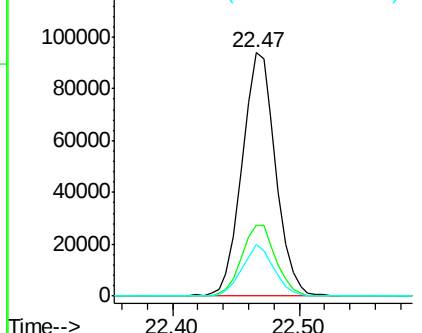
229 21.1 16.2 24.2

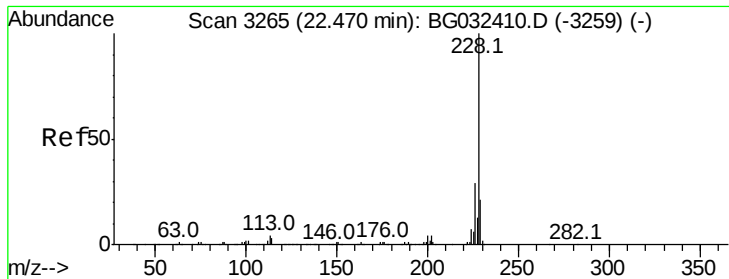


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 10.252 ng

RT: 22.47 min Scan# 3264

Delta R.T. -0.00 min

Lab File: BG032418.D

Acq: 29 Jan 2018 17:25

Instrument :

BNA_G

ClientSampleId :

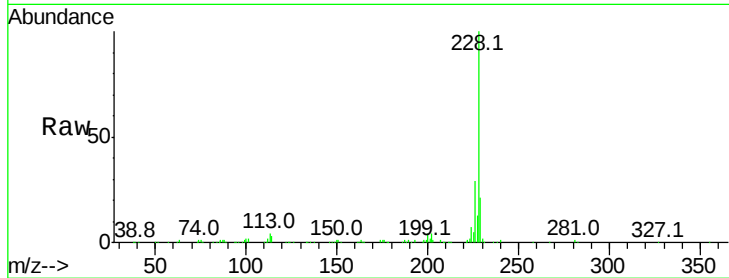
Tot Ion:228 Resp: 172364

Ion Ratio Lower Upper

228 100

226 29.0 24.9 37.3

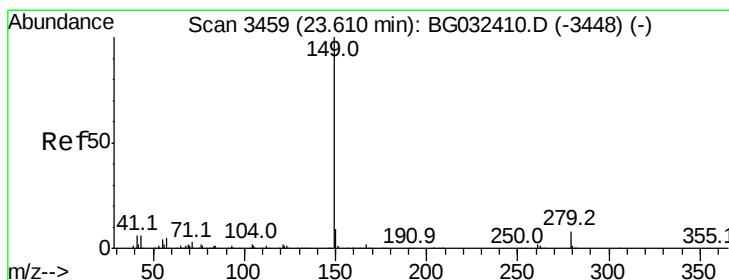
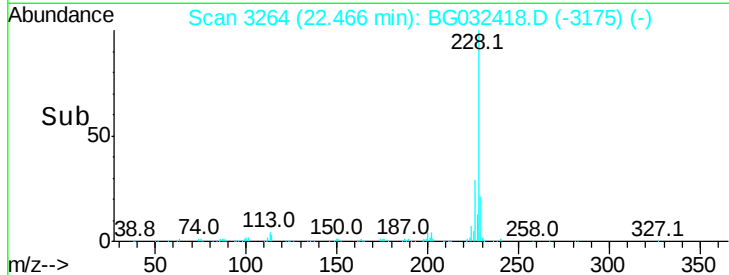
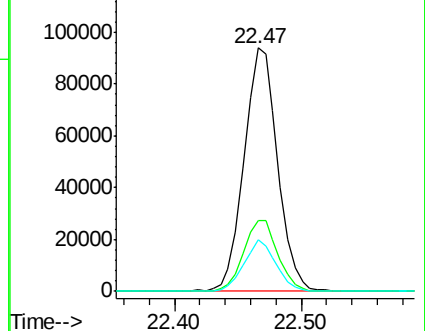
229 21.1 15.0 22.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Di-n-octyl phthalate

Concen: 26.488 ng

RT: 23.61 min Scan# 3458

Delta R.T. -0.00 min

Lab File: BG032418.D

Acq: 29 Jan 2018 17:25

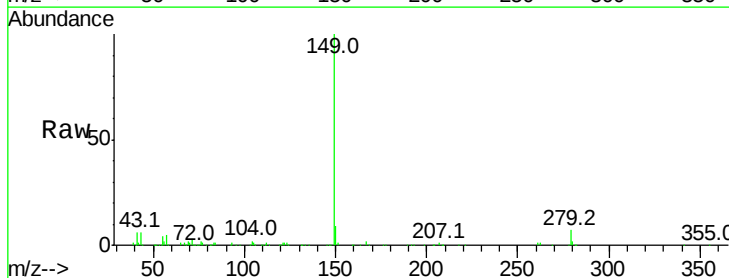
Tgt Ion:149 Resp: 323623

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

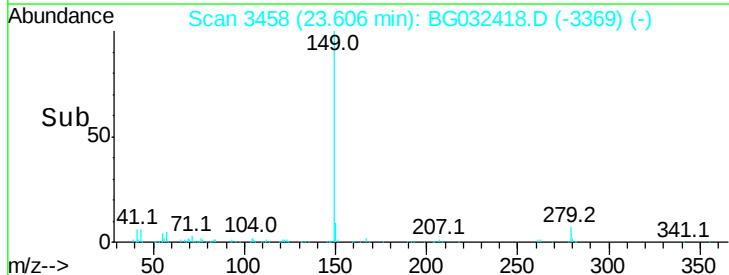
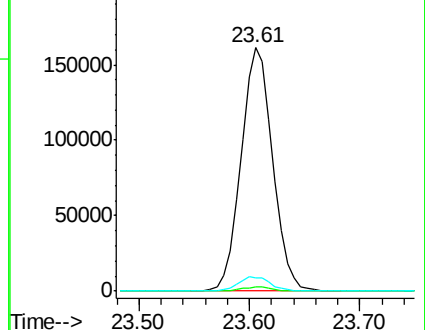
43 6.1 8.9 13.3#

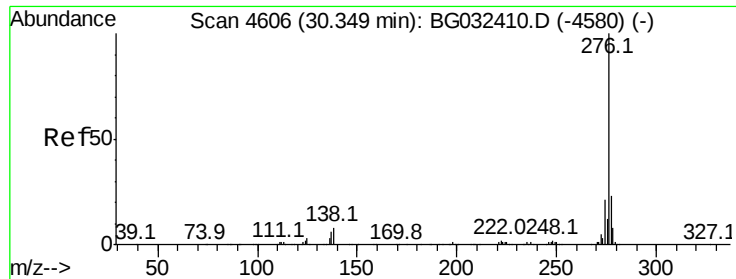


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

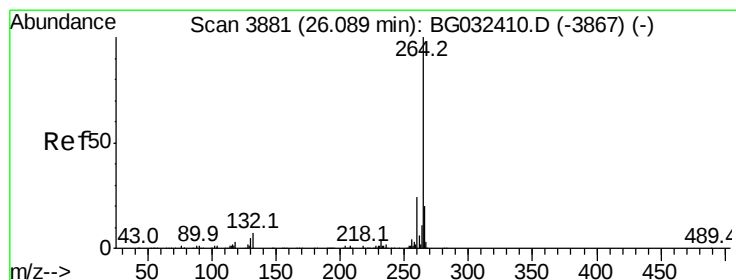
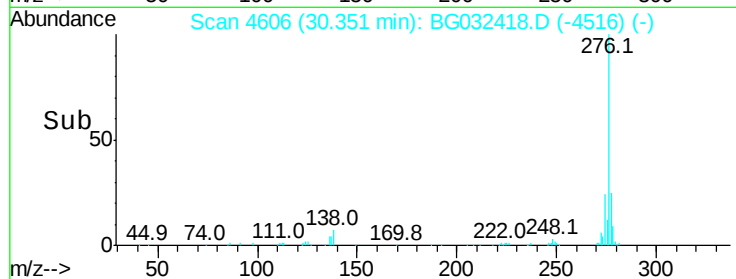
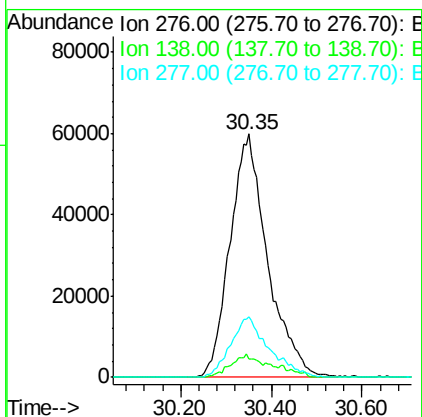
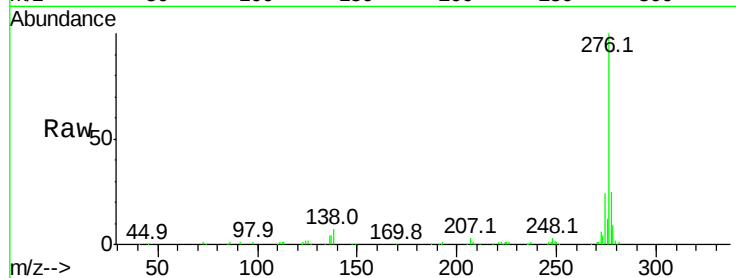




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 16.234 ng
 RT: 30.35 min Scan# 4606
 Delta R.T. 0.00 min
 Lab File: BG032418.D
 Acq: 29 Jan 2018 17:25

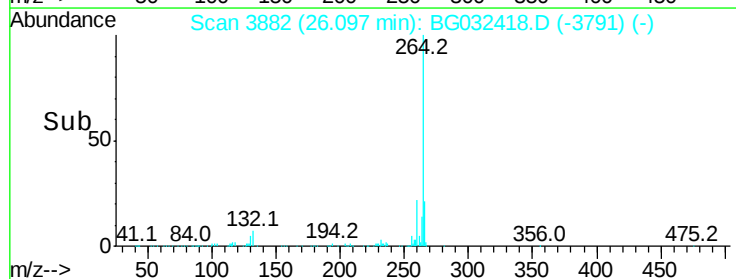
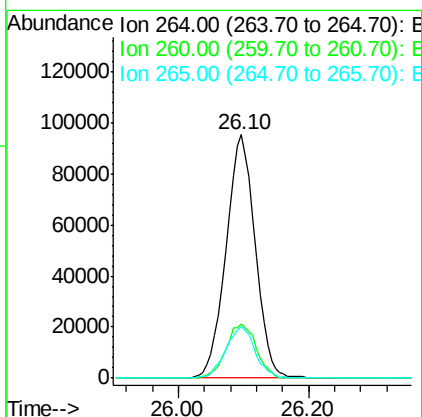
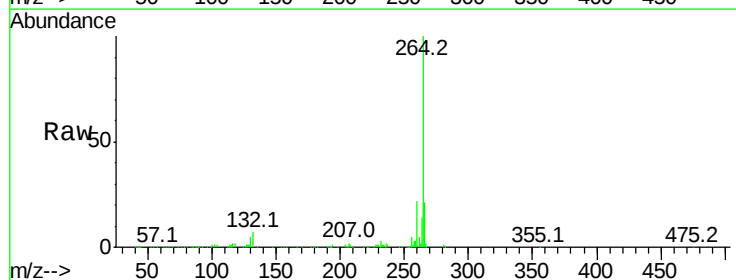
Instrument :
 BNA_G
 ClientSampleId :

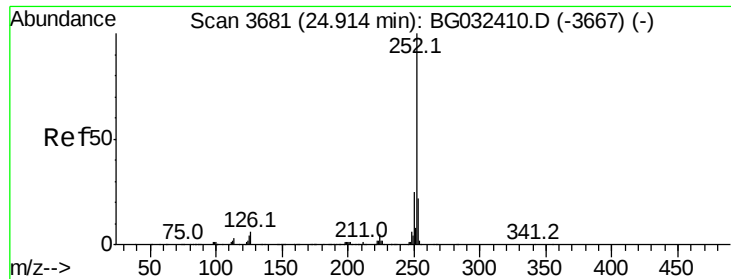
Tot Ion	Ratio	Lower	Upper
276	100		
138	8.5	16.0	24.0#
277	25.3	20.0	30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.10 min Scan# 3882
 Delta R.T. 0.01 min
 Lab File: BG032418.D
 Acq: 29 Jan 2018 17:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.0	17.4	26.0
265	21.0	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 15.170 ng

RT: 24.91 min Scan# 3680

Delta R.T. -0.00 min

Lab File: BG032418.D

Acq: 29 Jan 2018 17:25

Instrument :

BNA_G

ClientSampleId :

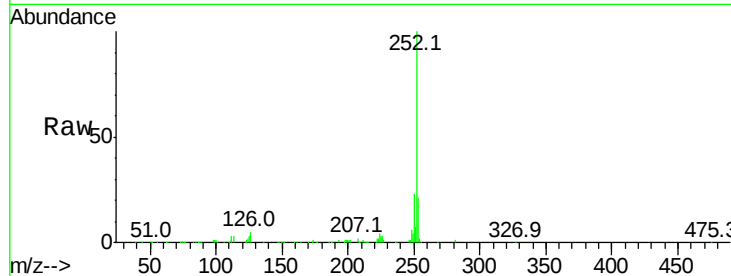
Tot Ion:252 Resp: 270968

Ion Ratio Lower Upper

252 100

253 21.2 18.2 27.4

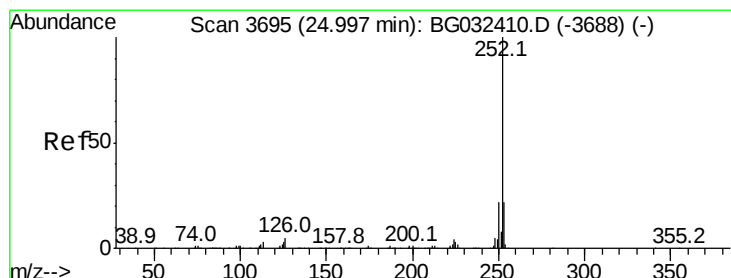
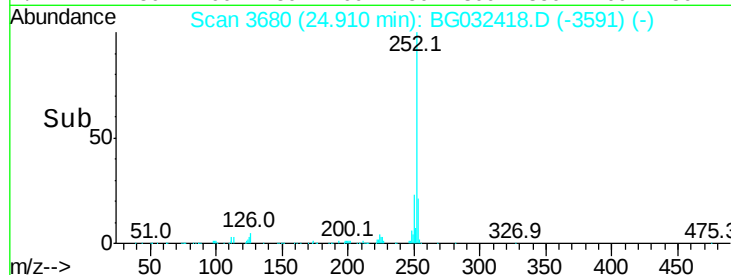
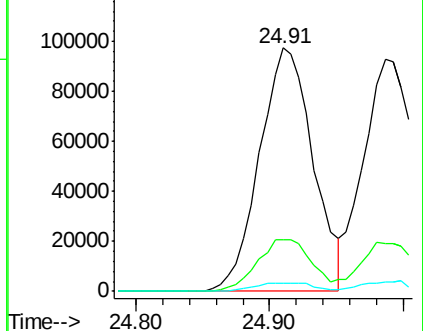
125 3.5 7.2 10.8#



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



#88

Benzo(k)fluoranthene

Concen: 14.173 ng

RT: 24.99 min Scan# 3693

Delta R.T. -0.01 min

Lab File: BG032418.D

Acq: 29 Jan 2018 17:25

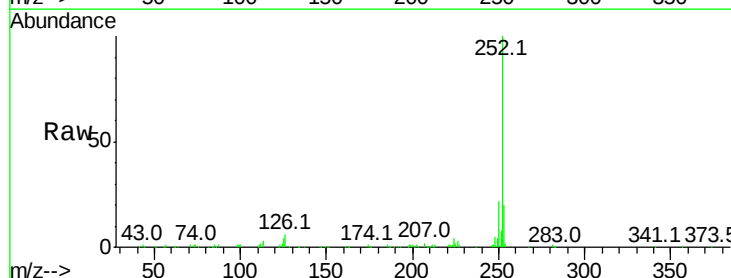
Tgt Ion:252 Resp: 250780

Ion Ratio Lower Upper

252 100

253 20.4 17.4 26.2

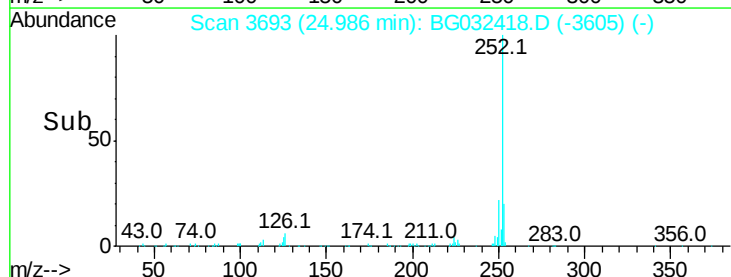
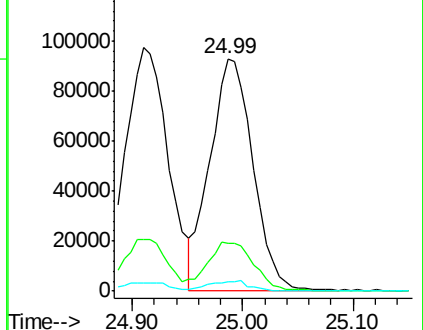
125 4.1 6.6 9.8#

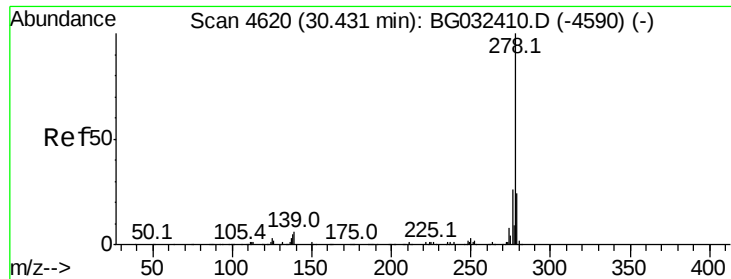


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



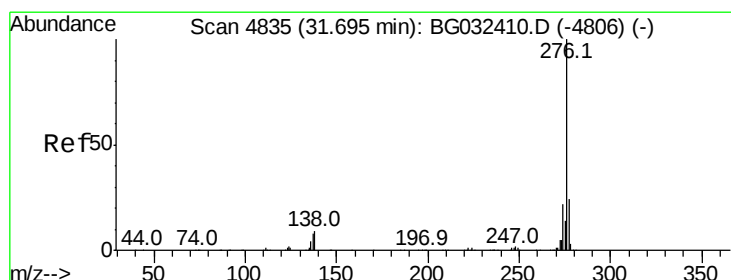
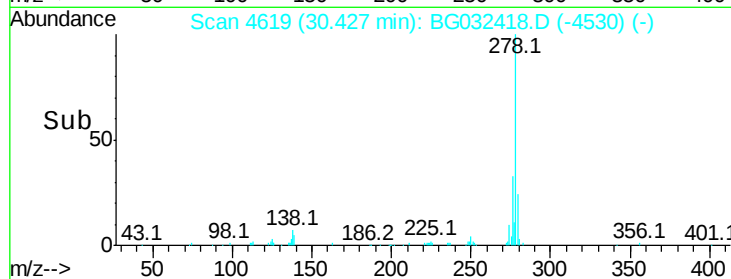
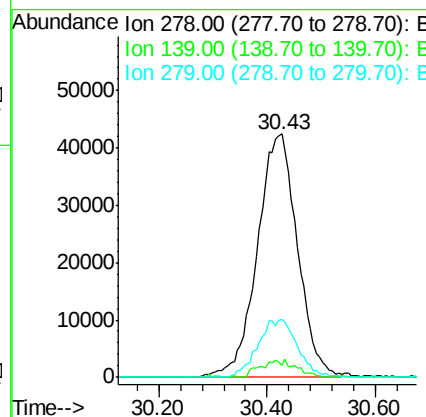
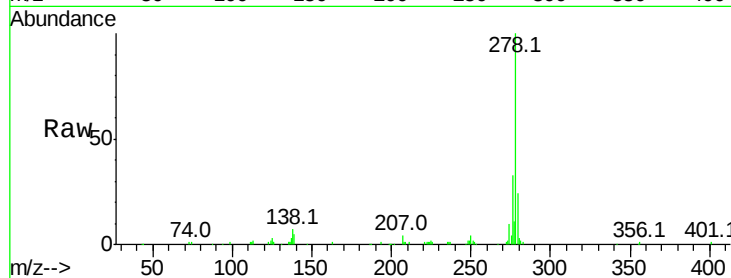


#90
Dibenzo(a,h)anthracene
Concen: 12.523 ng
RT: 30.43 min Scan# 4619
Delta R.T. -0.00 min
Lab File: BG032418.D
Acq: 29 Jan 2018 17:25

Instrument :
BNA_G
ClientSampled :

Tot Ion:278 Resp: 218151

Ion	Ratio	Lower	Upper
278	100		
139	4.9	9.8	14.6#
279	23.7	18.4	27.6



#91
Benzo(g,h,i)perylene
Concen: 7.836 ng
RT: 31.68 min Scan# 4832
Delta R.T. -0.02 min
Lab File: BG032418.D
Acq: 29 Jan 2018 17:25

Tgt Ion:276 Resp: 135489

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.3	27.5
138	9.0	13.9	20.9#

