

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050118\
 Data File : BG034108.D
 Acq On : 2 May 2018 9:55
 Operator : SJ/JU
 Sample : J2158-08
 Misc : 8PPM MDL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-042718

Quant Time: May 02 14:01:09 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 01 19:08:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	102292	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	399585	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	300903	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	859607	20.00	ng	0.00
75) Chrysene-d12	21.77	240	1054320	20.00	ng	0.00
86) Perylene-d12	25.06	264	1031784	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	651435	102.89	ng	0.00
7) Phenol-d6	7.22	99	872423	88.51	ng	0.00
23) Nitrobenzene-d5	9.24	82	769832	73.92	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	464907	111.58	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	1485928	71.96	ng	0.00
78) Terphenyl-d14	20.09	244	3074344	63.88	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.59	88	78	0.029	ng	# 1
3) Pyridine	3.95	79	178	0.021	ng	# 23
4) n-Nitrosodimethylamine	3.87	42	1284	0.282	ng	# 1
6) Aniline	7.41	93	1771	0.132	ng	# 57
8) 2-Chlorophenol	7.64	128	134	0.021	ng	# 2
10) Phenol	7.25	94	238	0.024	ng	# 1
11) bis(2-Chloroethyl)ether	7.51	93	113	0.014	ng	# 16
12) 1,3-Dichlorobenzene	8.08	146	92	0.012	ng	# 1
13) 1,4-Dichlorobenzene	8.10	146	136	0.017	ng	# 16
14) 1,2-Dichlorobenzene	8.43	146	67	0.009	ng	# 25
15) Benzyl Alcohol	8.40	79	15693	1.492	ng	# 44
16) 2,2'-oxybis(1-Chloropropan	8.57	45	502	0.047	ng	# 75
17) 2-Methylphenol	8.39	107	259	0.040	ng	# 1
18) Hexachloroethane	9.15	117	68	0.020	ng	# 1
20) 3+4-Methylphenols	8.83	107	168	0.017	ng	# 37
22) Acetophenone	8.90	105	1176	0.086	ng	# 65
24) Nitrobenzene	9.24	77	3847	0.337	ng	# 42
25) Isophorone	9.82	82	80	0.004	ng	# 69
26) 2-Nitrophenol	10.01	139	64	0.020	ng	# 29
27) 2,4-Dimethylphenol	10.04	122	194	0.032	ng	# 1
28) bis(2-Chloroethoxy)methane	10.26	93	117	0.011	ng	# 1
29) 2,4-Dichlorophenol	10.59	162	146	0.020	ng	# 23
30) 1,2,4-Trichlorobenzene	10.90	180	90	0.010	ng	# 12
31) Naphthalene	10.93	128	19965	0.951	ng	# 99
33) 4-Chloroaniline	11.04	127	652	0.069	ng	# 44
34) Hexachlorobutadiene	11.30	225	163	0.022	ng	# 53
35) Caprolactam	11.82	113	69	0.027	ng	# 1
36) 4-Chloro-3-methylphenol	12.15	107	79	0.008	ng	# 22
37) 2-Methylnaphthalene	12.54	142	3194	0.188	ng	# 73
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	137	0.012	ng	# 11
40) Hexachlorocyclopentadiene	13.26	237	120	0.017	ng	# 75
42) 2,4,6-Trichlorophenol	13.23	196	67	0.010	ng	# 11
43) 2,4,5-Trichlorophenol	13.23	196	67	0.009	ng	# 17
45) 1,1'-Biphenyl	13.55	154	3925	0.167	ng	# 76

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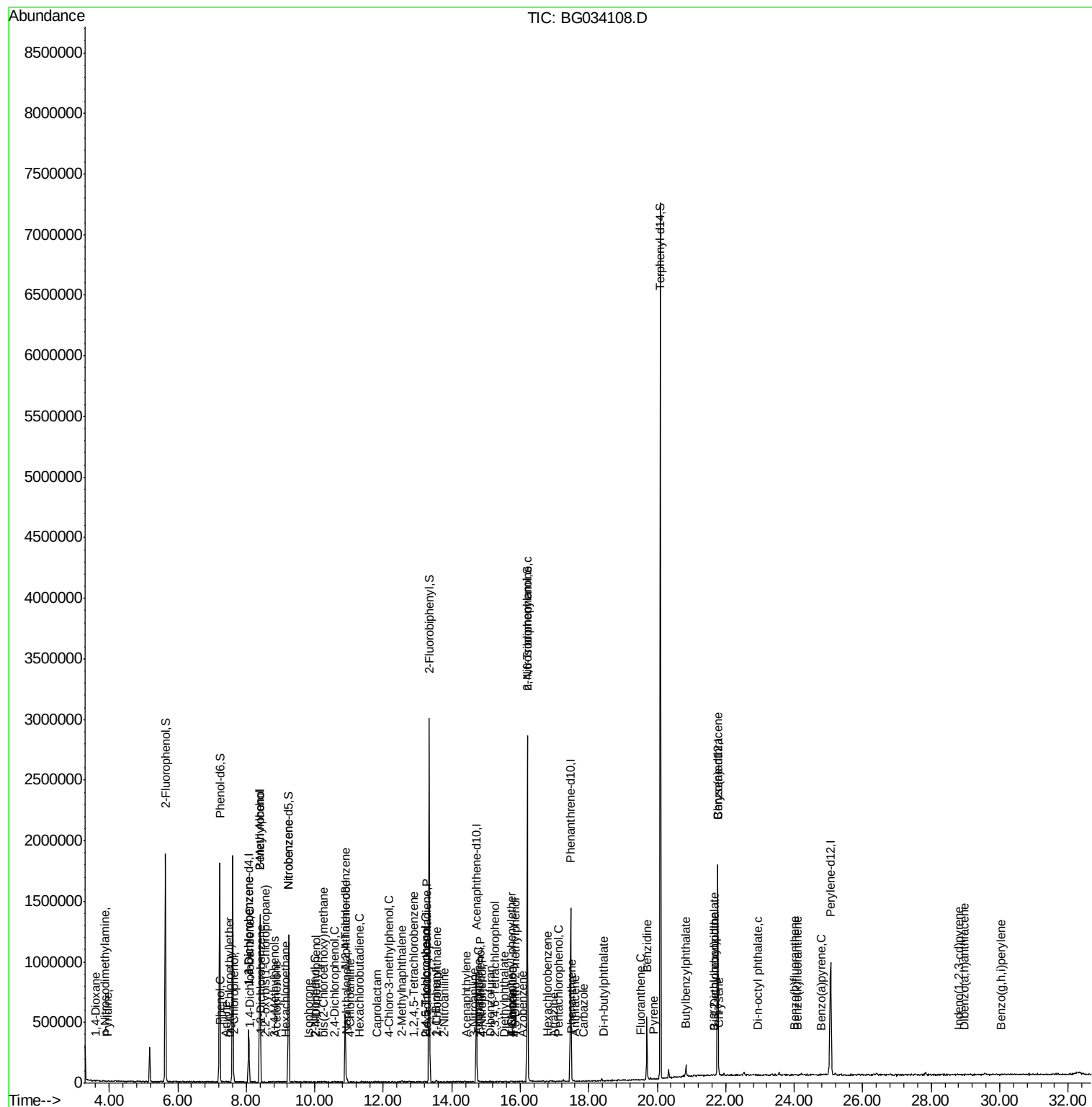
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 2-Chloronaphthalene	13.57	162	79	0.004	nq	# 39
47) 2-Nitroaniline	13.78	65	156	0.022	nq	# 32
48) Acenaphthylene	14.43	152	1129	0.040	nq	# 83
51) Acenaphthene	14.78	154	3970	0.206	nq	# 86
52) 3-Nitroaniline	14.63	138	66	0.013	nq	# 1
53) 2,4-Dinitrophenol	14.84	184	134	0.068	nq	# 1
54) Dibenzofuran	15.12	168	3484	0.124	nq	# 84
55) 4-Nitrophenol	14.87	139	99	0.026	nq	# 1
57) Fluorene	15.77	166	2707	0.111	nq	# 52
58) 2,3,4,6-Tetrachlorophenol	15.26	232	81	0.010	nq	# 37
59) Diethylphthalate	15.54	149	580	0.021	nq	# 80
60) 4-Chlorophenyl-phenylether	15.75	204	120	0.008	nq	# 30
61) 4-Nitroaniline	15.76	138	222	0.041	nq	# 12
62) Azobenzene	16.06	77	333	0.011	nq	# 23
64) 4,6-Dinitro-2-methylphenol	15.85	198	97	0.024	nq	# 45
65) n-Nitrosodiphenylamine	16.20	169	19861	0.847	nq	# 45
67) Hexachlorobenzene	16.81	284	82	0.008	nq	# 41
68) Atrazine	16.98	200	72	0.922	nq	# 35
69) Pentachlorophenol	17.10	266	66	0.009	nq	# 19
70) Phenanthrene	17.51	178	8915	0.202	nq	# 92
71) Anthracene	17.60	178	1175	0.026	nq	# 80
72) Carbazole	17.86	167	459	0.011	nq	# 59
73) Di-n-butylphthalate	18.44	149	1495	0.030	nq	# 78
74) Fluoranthene	19.52	202	1443	0.026	nq	# 65
76) Benzidine	19.70	184	274530	10.109	nq	# 99
77) Pyrene	19.89	202	1618	0.024	nq	# 57
79) Butylbenzylphthalate	20.81	149	306	0.012	nq	# 20
80) Benzo(a)anthracene	21.77	228	3205	0.047	nq	# 85
81) 3,3'-Dichlorobenzidine	21.66	252	139	0.005	nq	# 26
82) Chrysene	21.80	228	362	0.006	nq	# 21
83) Bis(2-ethylhexyl)phthalate	21.65	149	1071	0.030	nq	# 50
84) Di-n-octyl phthalate	22.93	149	353	0.006	nq	# 1
85) Indeno(1,2,3-cd)pyrene	28.82	276	145	0.002	nq	# 53
87) Benzo(b)fluoranthene	24.01	252	245	0.004	nq	# 59
88) Benzo(k)fluoranthene	24.09	252	67	0.001	nq	# 1
89) Benzo(a)pyrene	24.78	252	279	0.005	nq	# 59
90) Dibenzo(a,h)anthracene	28.95	278	66	0.001	nq	# 58
91) Benzo(g,h,i)perylene	30.03	276	53	0.001	nq	# 56

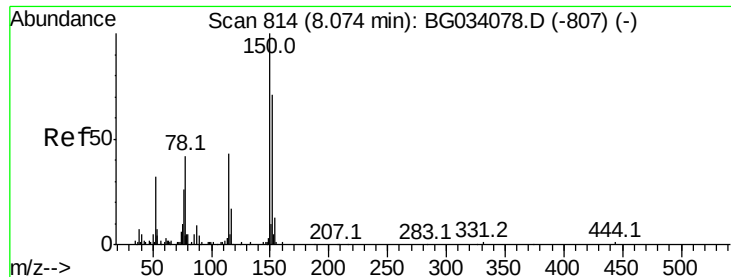
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.08 min Scan# 815

Delta R.T. 0.00 min

Lab File: BG034108.D

Acq: 2 May 2018 9:55

Instrument :

BNA_G

ClientSampleId :

OK-02-042718

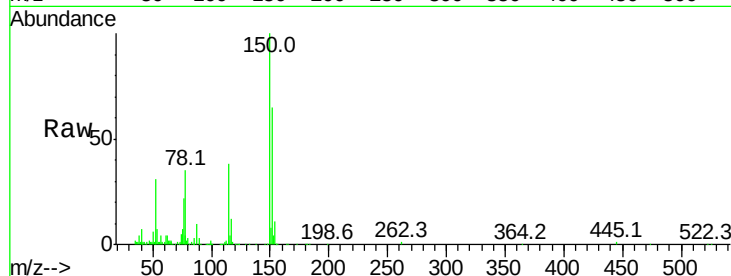
Tot Ion:152 Resp: 102292

Ion Ratio Lower Upper

152 100

150 154.6 126.6 189.8

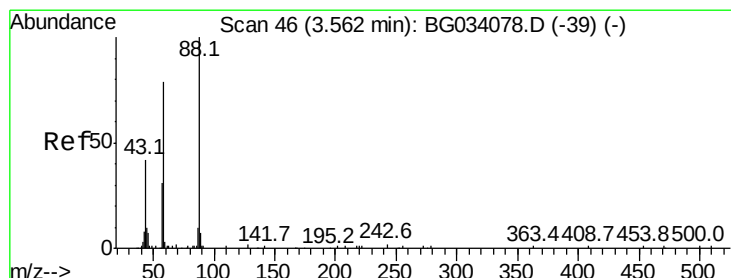
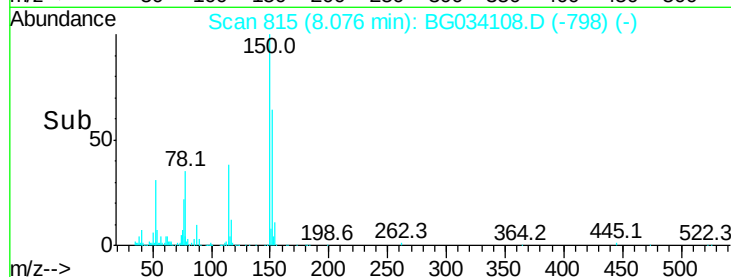
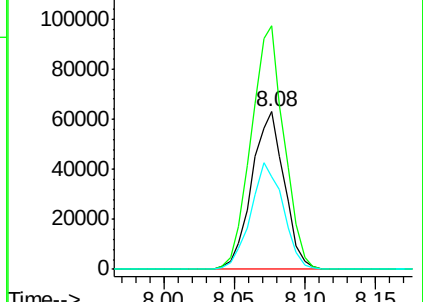
115 58.5 53.0 79.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.029 ng

RT: 3.59 min Scan# 52

Delta R.T. 0.03 min

Lab File: BG034108.D

Acq: 2 May 2018 9:55

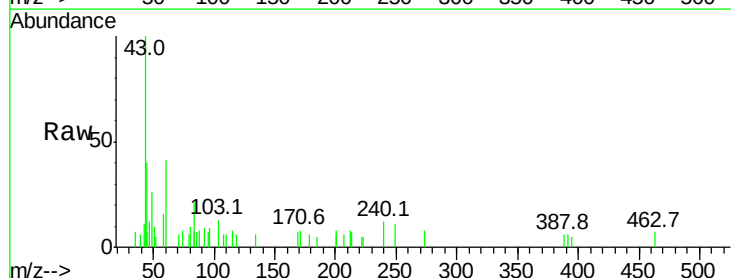
Tgt Ion: 88 Resp: 78

Ion Ratio Lower Upper

88 100

58 582.1 79.6 119.4#

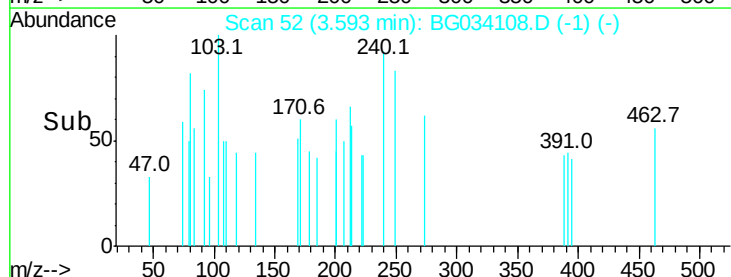
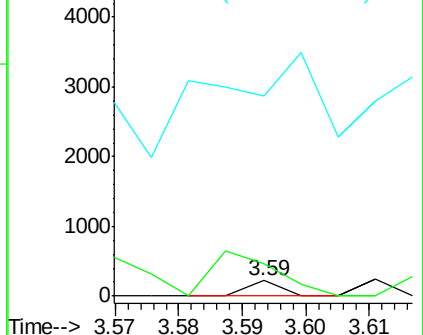
43 2247.4 27.4 41.0#

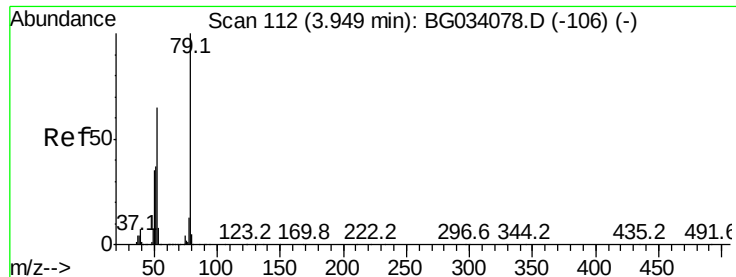


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 0.021 ng

RT: 3.95 min Scan# 113

Delta R.T. 0.00 min

Lab File: BG034108.D

Acq: 2 May 2018 9:55

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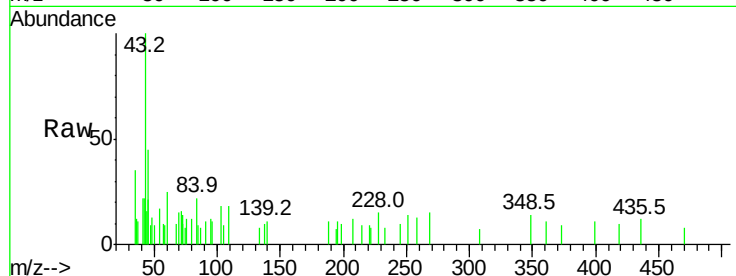
Tot Ion: 79 Resp: 178

Ion Ratio Lower Upper

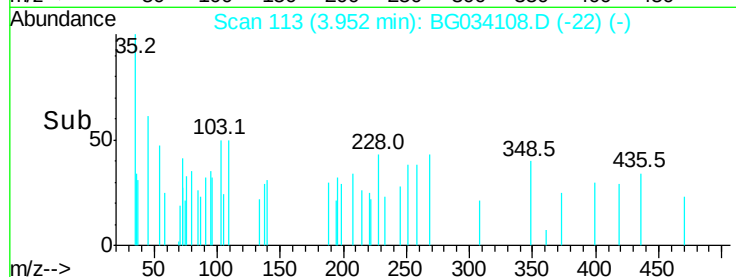
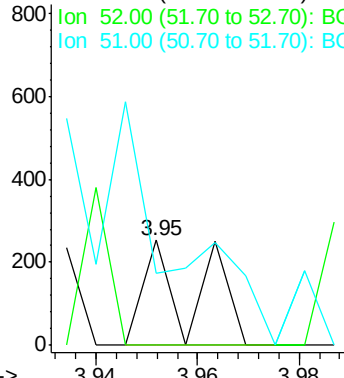
79 100

52 0.0 69.9 104.9#

51 68.8 34.0 51.0#



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



#4

n-Nitrosodimethylamine

Concen: 0.282 ng

RT: 3.87 min Scan# 99

Delta R.T. 0.01 min

Lab File: BG034108.D

Acq: 2 May 2018 9:55

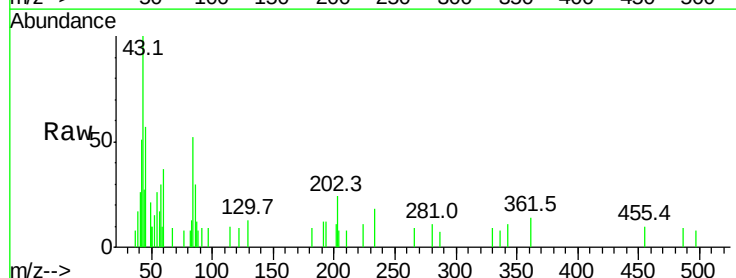
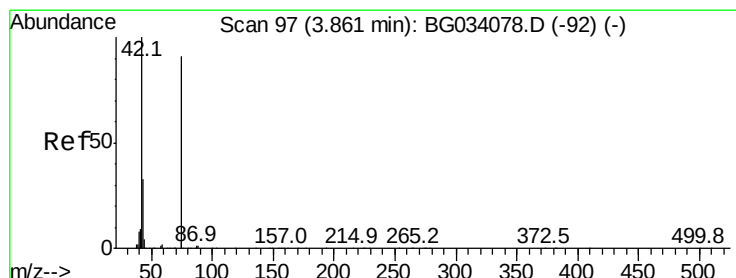
Tgt Ion: 42 Resp: 1284

Ion Ratio Lower Upper

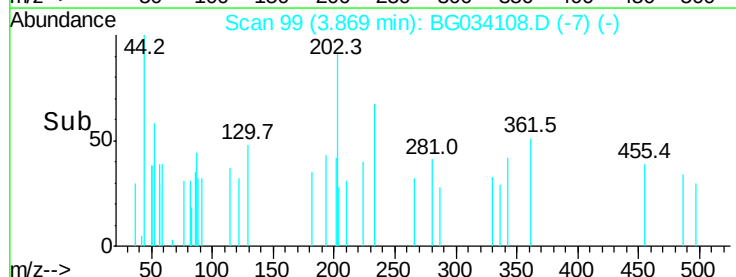
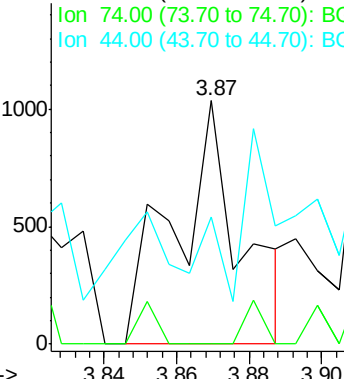
42 100

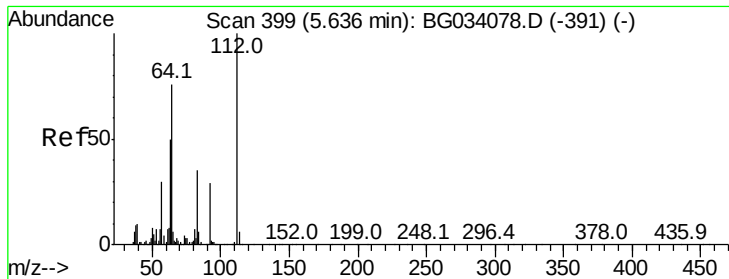
74 0.0 102.5 153.7#

44 52.1 18.9 28.3#



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





#5

2-Fluorophenol

Concen: 102.889 ng

RT: 5.64 min Scan# 400

Delta R.T. 0.00 min

Lab File: BG034108.D

Acq: 2 May 2018 9:55

Instrument :

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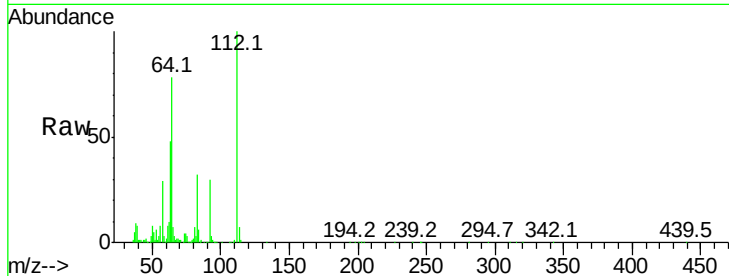
Tot Ion:112 Resp: 651435

Ion Ratio Lower Upper

112 100

64 78.3 56.3 84.5

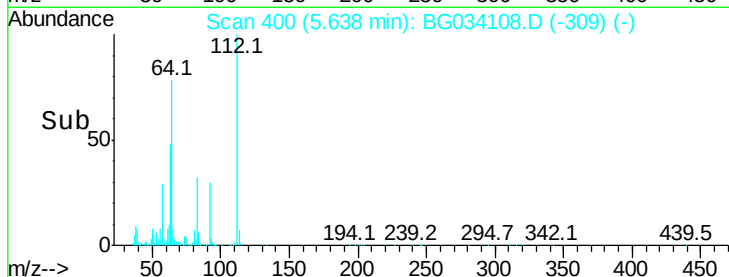
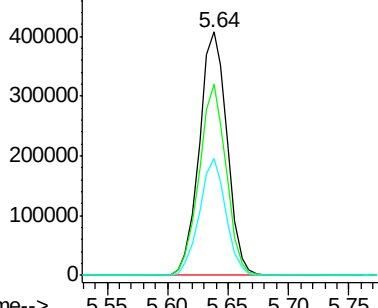
63 48.2 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 0.132 ng

RT: 7.41 min Scan# 701

Delta R.T. 0.01 min

Lab File: BG034108.D

Acq: 2 May 2018 9:55

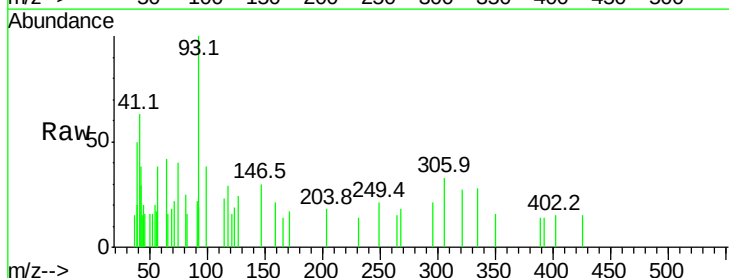
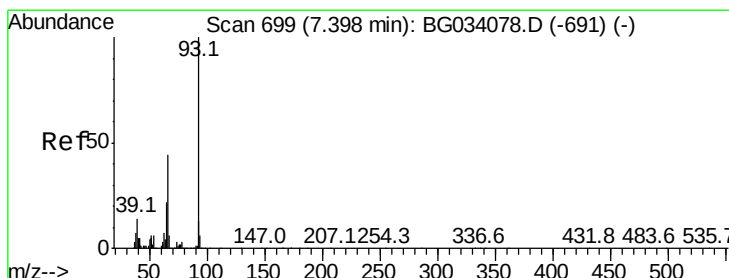
Tgt Ion: 93 Resp: 1771

Ion Ratio Lower Upper

93 100

66 15.7 33.7 50.5#

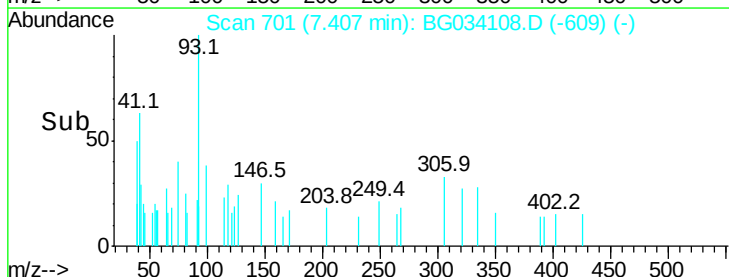
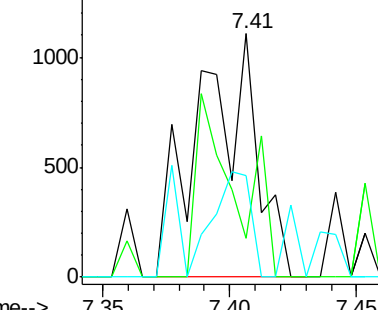
65 41.6 16.1 24.1#

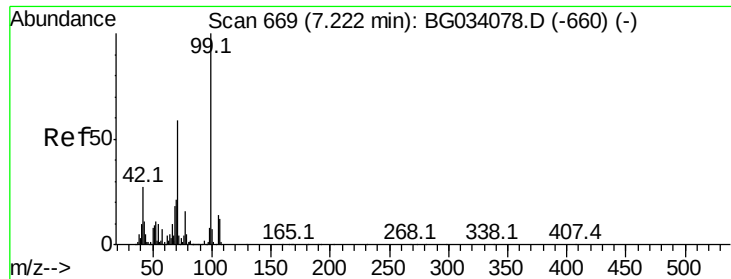


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 88.510 ng

RT: 7.22 min Scan# 670

Delta R.T. 0.00 min

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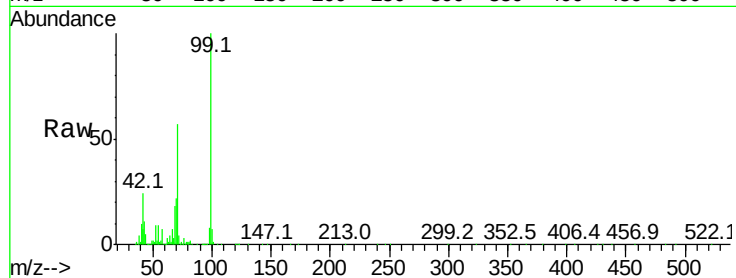
Tot Ion: 99 Resp: 872423

Ion Ratio Lower Upper

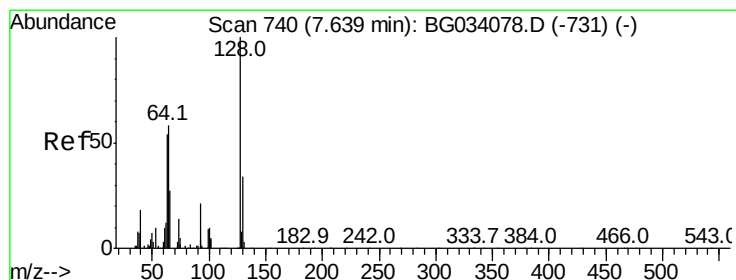
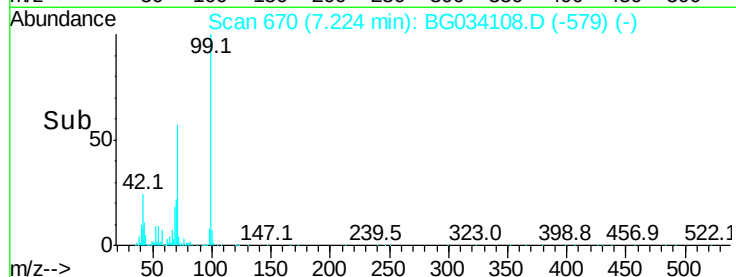
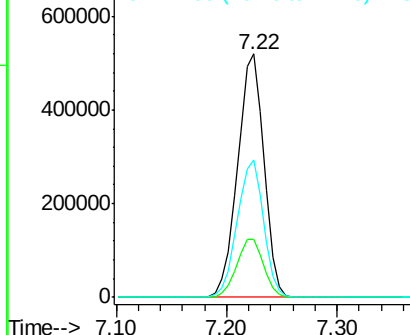
99 100

42 24.0 14.1 21.1#

71 56.7 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: 0.021 ng

RT: 7.64 min Scan# 741

Delta R.T. 0.00 min

Lab File: BG034108.D

Acq: 2 May 2018 9:55

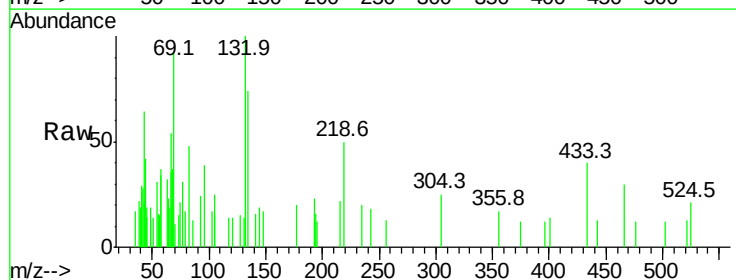
Tgt Ion: 128 Resp: 134

Ion Ratio Lower Upper

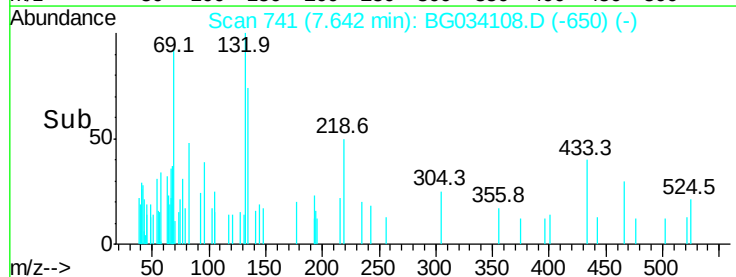
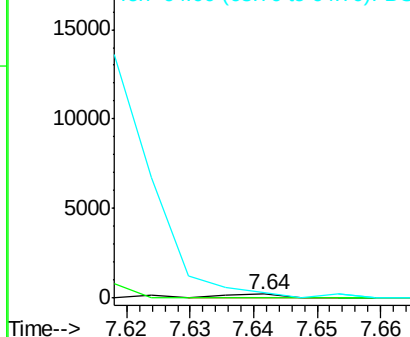
128 100

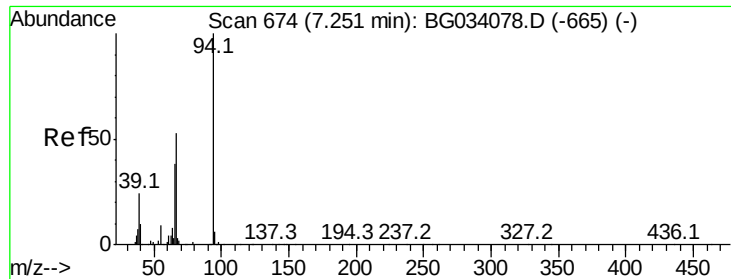
130 0.0 14.0 54.0#

64 146.8 37.7 77.7#



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





#10

Phenol

Concen: 0.024 ng

RT: 7.25 min Scan# 675

Delta R.T. 0.00 min

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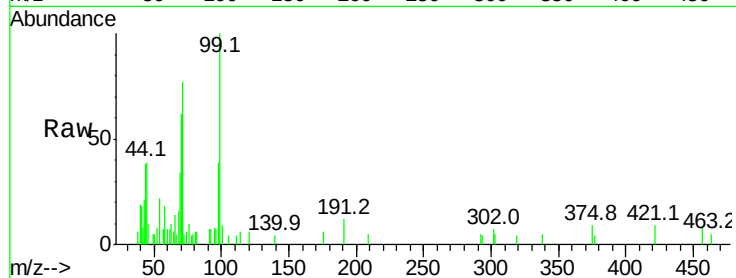
Tot Ion: 94 Resp: 238

Ion Ratio Lower Upper

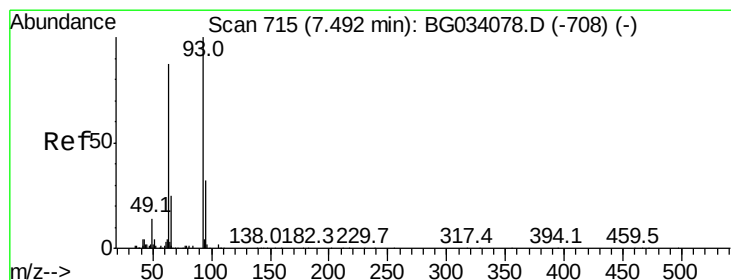
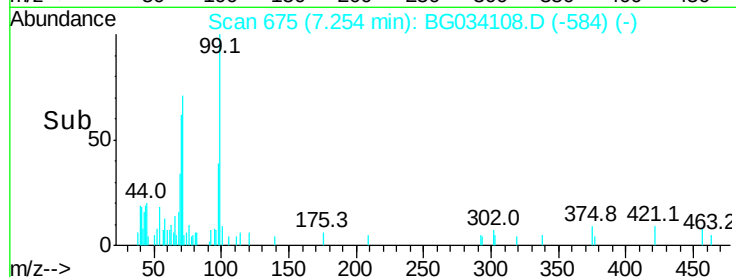
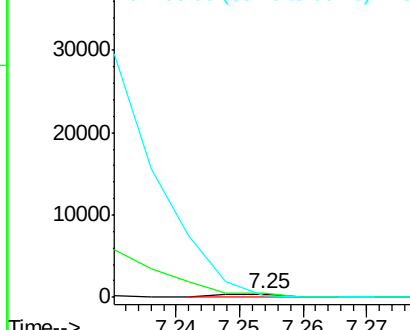
94 100

65 160.8 11.9 51.9#

66 63.8 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: 0.014 ng

RT: 7.51 min Scan# 718

Delta R.T. 0.01 min

Lab File: BG034108.D

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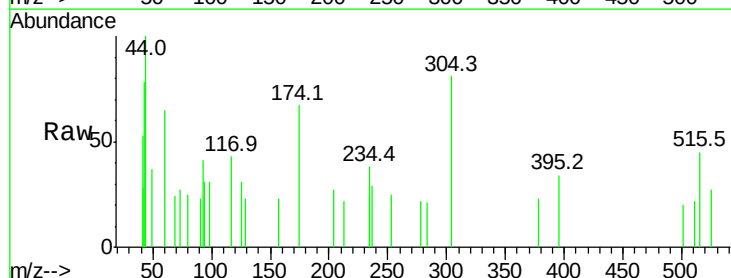
Tgt Ion: 93 Resp: 113

Ion Ratio Lower Upper

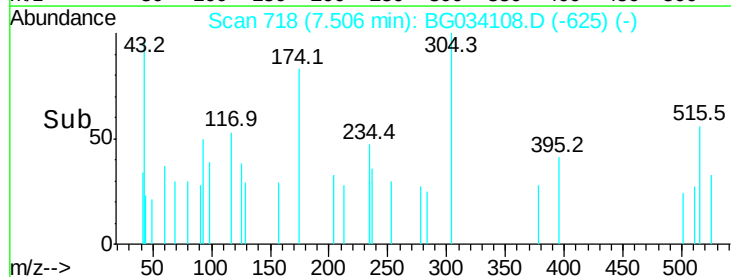
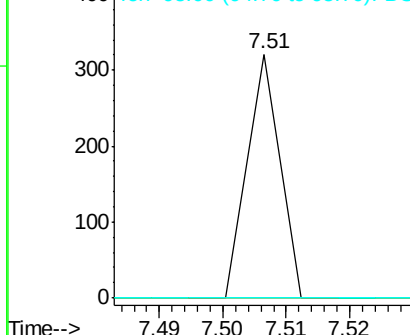
93 100

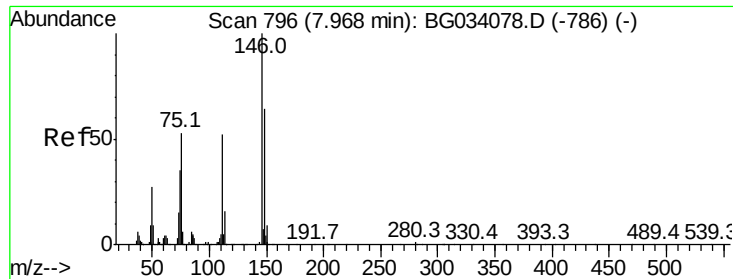
63 0.0 67.1 107.1#

95 0.0 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: 0.012 ng

RT: 8.08 min Scan# 815

Delta R.T. 0.11 min

Lab File: BG034108.D

Acq: 2 May 2018 9:55

Instrument :

BNA_G

ClientSampleId :

OK-02-042718

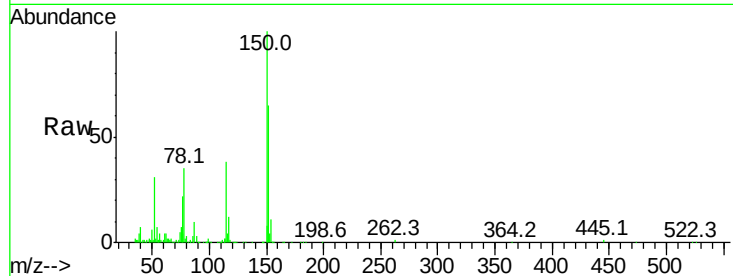
Tot Ion:146 Resp: 92

Ion Ratio Lower Upper

146 100

148 0.0 51.4 77.2#

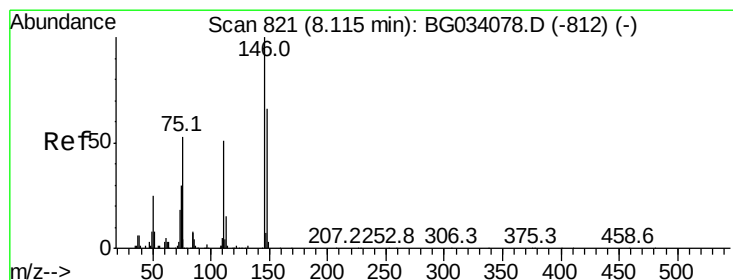
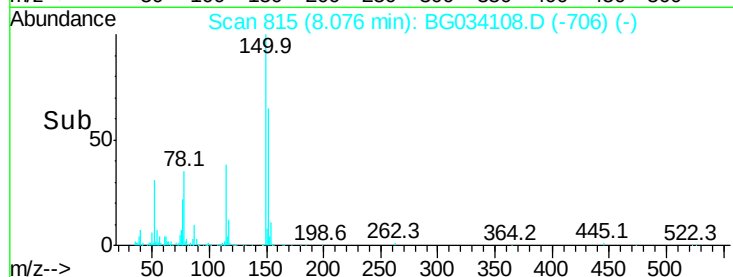
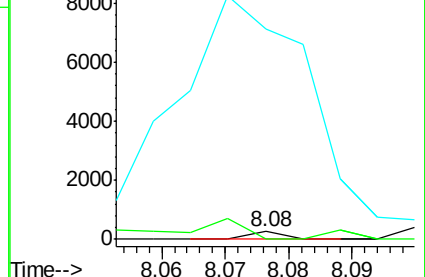
75 2713.7 26.6 39.8#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BGC



#13

1,4-Dichlorobenzene

Concen: 0.017 ng

RT: 8.10 min Scan# 819

Delta R.T. -0.02 min

Lab File: BG034108.D

Acq: 2 May 2018 9:55

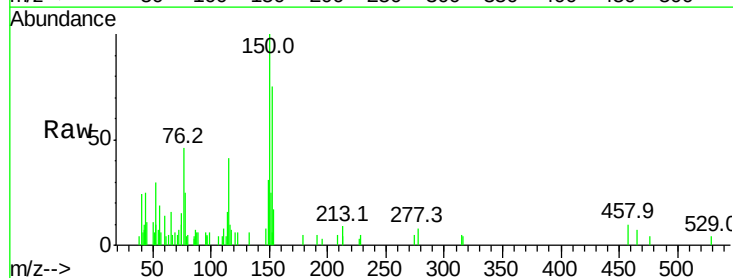
Tgt Ion:146 Resp: 136

Ion Ratio Lower Upper

146 100

148 0.0 53.7 80.5#

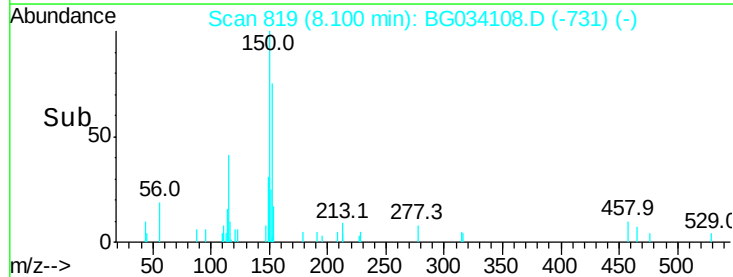
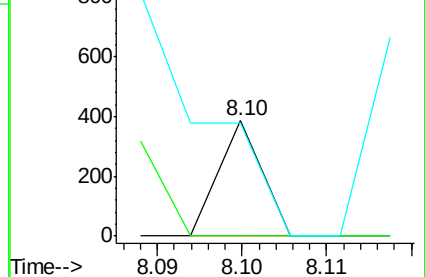
111 98.7 35.2 52.8#

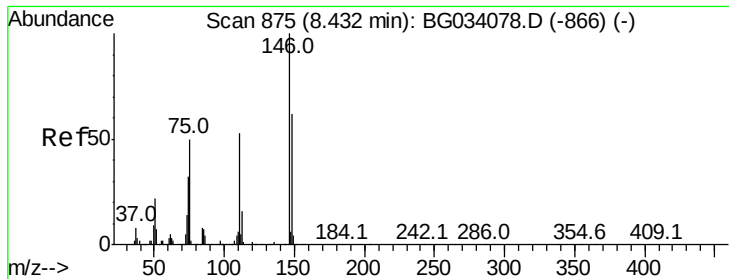


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

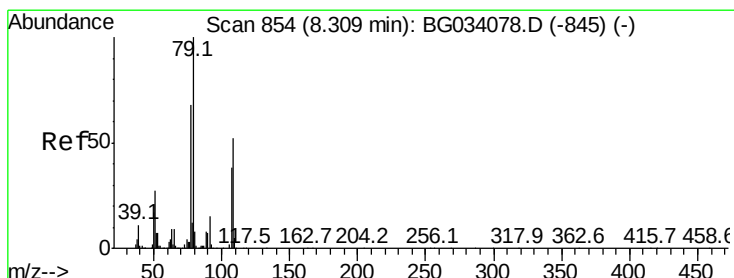
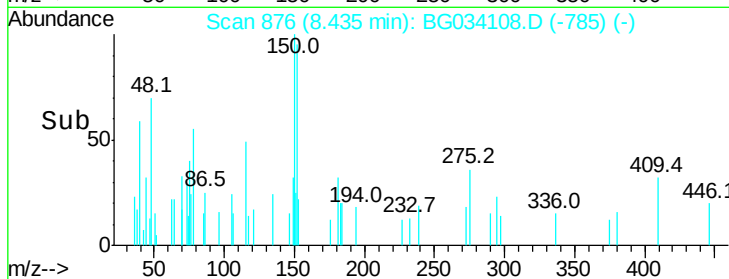
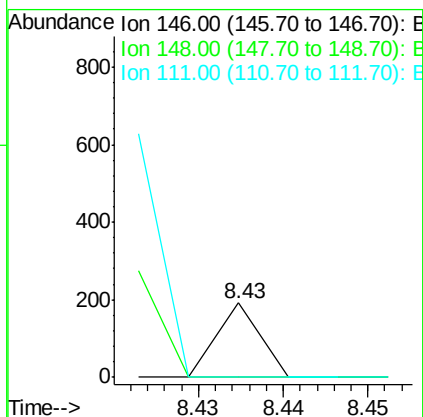
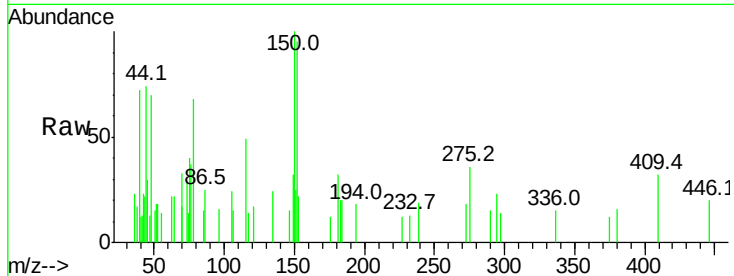




#14
1,2-Dichlorobenzene
Concen: 0.009 ng
RT: 8.43 min Scan# 876
Delta R.T. 0.00 min
Lab File: BG034108.D
Acq: 2 May 2018 9:55

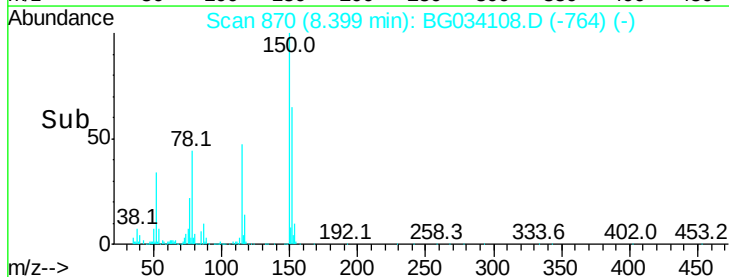
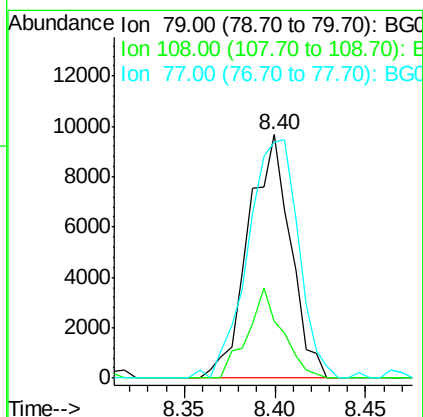
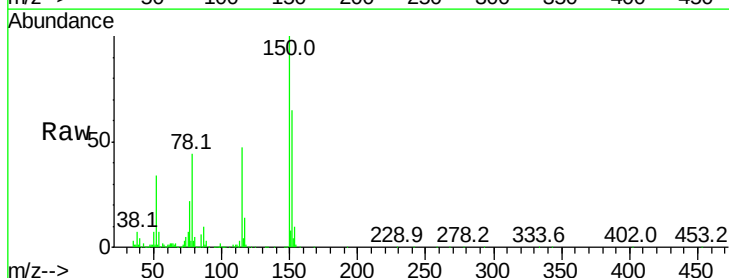
Instrument :
BNA_G
ClientSampleId :
OK-02-042718

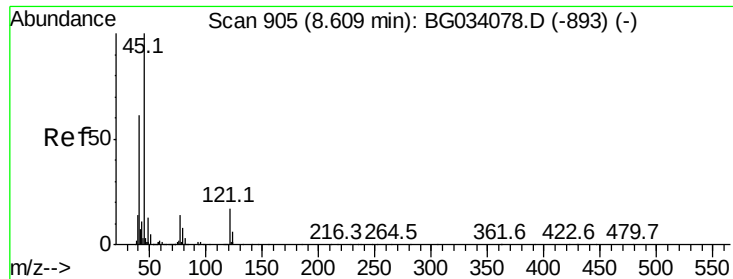
Tot Ion:146 Resp: 67
Ion Ratio Lower Upper
146 100
148 0.0 49.3 73.9#
111 0.0 34.3 51.5#



#15
Benzyl Alcohol
Concen: 1.492 ng
RT: 8.40 min Scan# 870
Delta R.T. 0.09 min
Lab File: BG034108.D
Acq: 2 May 2018 9:55

Tgt Ion: 79 Resp: 15693
Ion Ratio Lower Upper
79 100
108 23.3 57.2 85.8#
77 97.2 46.1 69.1#

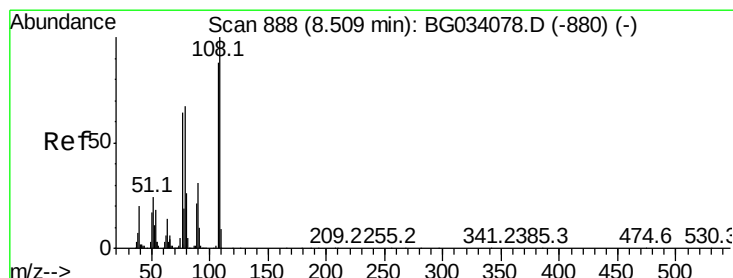
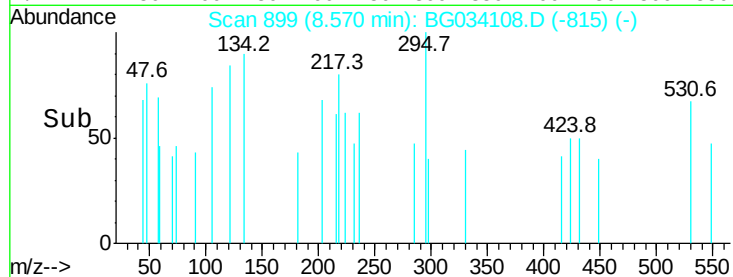
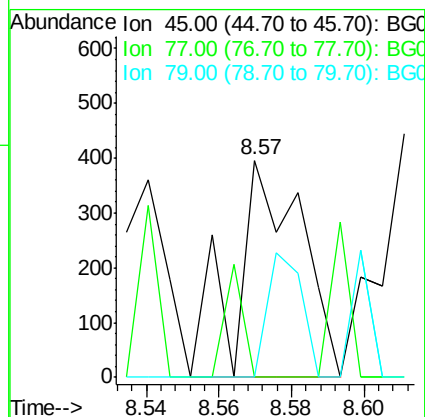
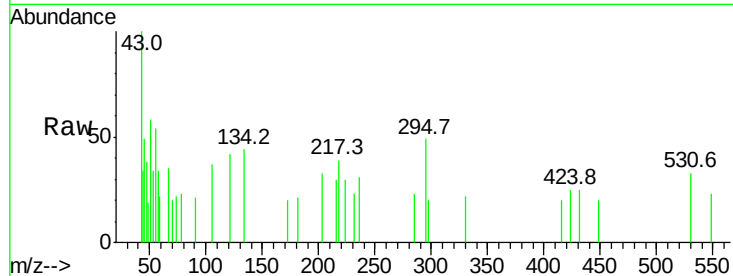




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.047 ng
RT: 8.57 min Scan# 899
Delta R.T. -0.04 min
Lab File: BG034108.D
Acq: 2 May 2018 9:55

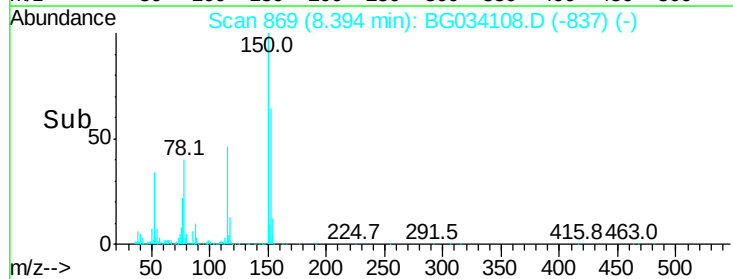
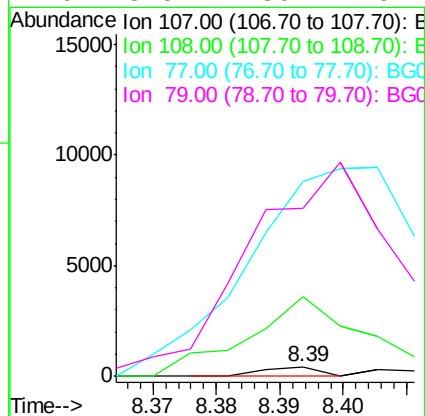
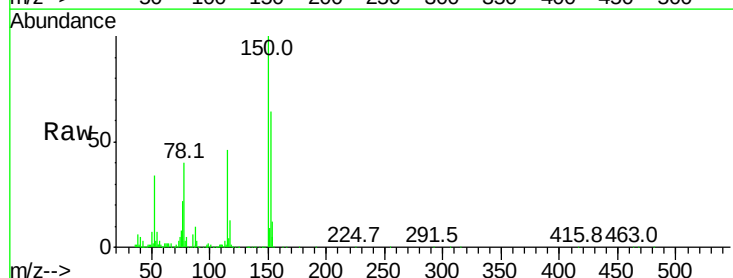
Instrument :
BNA_G
ClientSampleId :
OK-02-042718

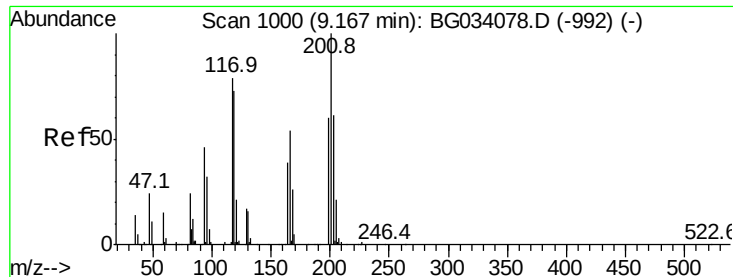
Tot Ion: 45 Resp: 502
Ion Ratio Lower Upper
45 100
77 0.0 0.0 30.2
79 0.0 0.0 27.9



#17
2-Methylphenol
Concen: 0.040 ng
RT: 8.39 min Scan# 869
Delta R.T. -0.11 min
Lab File: BG034108.D
Acq: 2 May 2018 9:55

Tgt Ion: 107 Resp: 259
Ion Ratio Lower Upper
107 100
108 859.5 83.9 125.9#
77 2118.7 37.2 55.8#
79 1825.7 36.2 54.2#

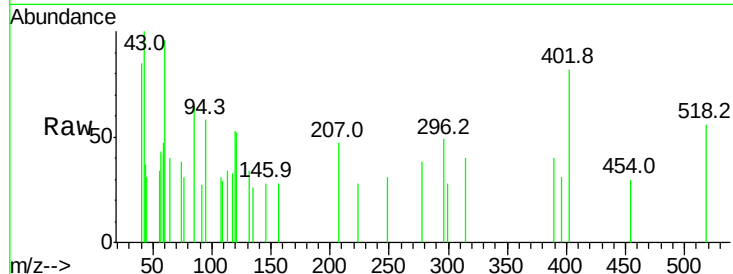




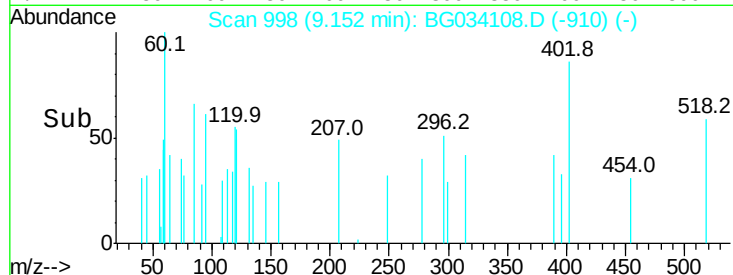
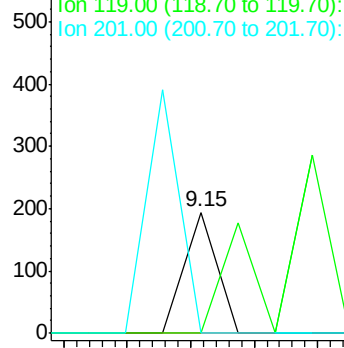
#18
Hexachloroethane
Concen: 0.020 ng
RT: 9.15 min Scan# 998
Delta R.T. -0.02 min
Lab File: BG034108.D
Acq: 2 May 2018 9:55

Instrument :
BNA_G
ClientSampleId :
OK-02-042718

Tot Ion:117 Resp: 68
Ion Ratio Lower Upper
117 100
119 0.0 76.7 115.1#
201 0.0 95.7 143.5#

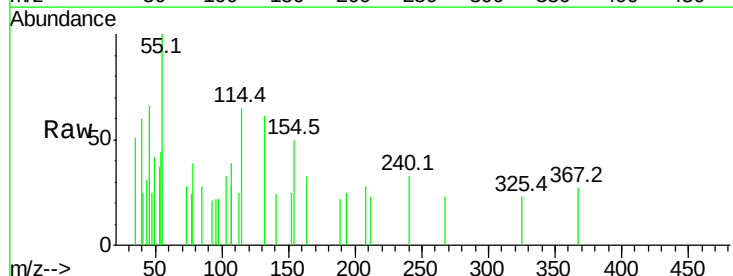
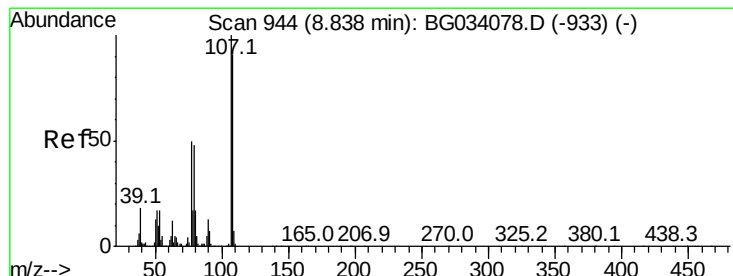


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

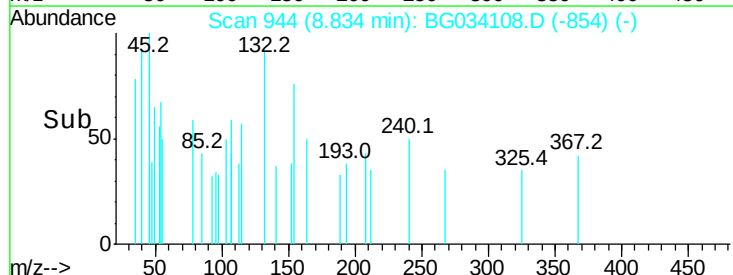
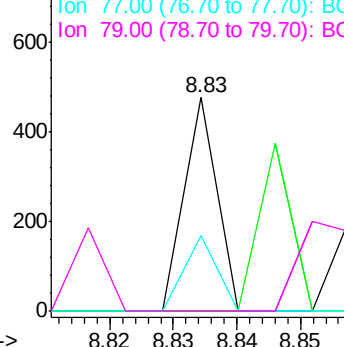


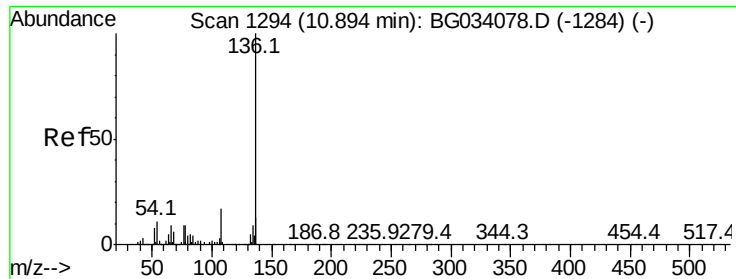
#20
3+4-Methylphenols
Concen: 0.017 ng
RT: 8.83 min Scan# 944
Delta R.T. -0.00 min
Lab File: BG034108.D
Acq: 2 May 2018 9:55

Tgt Ion:107 Resp: 168
Ion Ratio Lower Upper
107 100
108 0.0 61.6 101.6#
77 35.7 13.9 53.9
79 0.0 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: 10.89 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BG034108.D

Acq: 2 May 2018 9:55

Instrument :

BNA_G

ClientSampleId :

OK-02-042718

Tot Ion:136 Resp: 399585

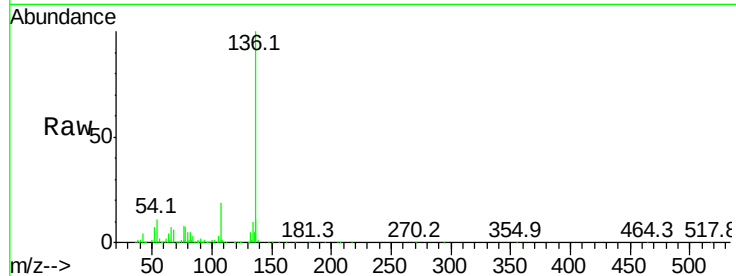
Ion Ratio Lower Upper

136 100

137 11.1 9.2 13.8

54 11.0 10.3 15.5

68 5.8 4.5 6.7

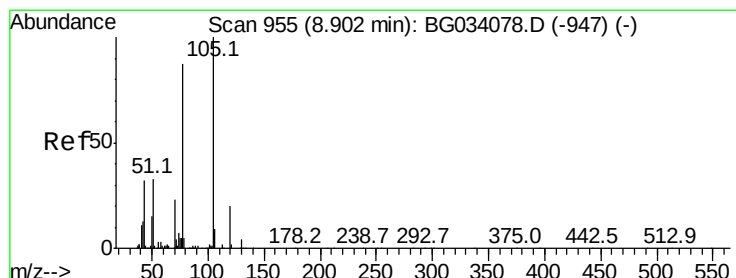
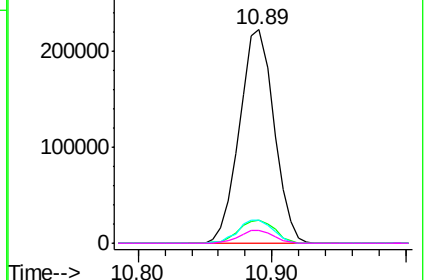
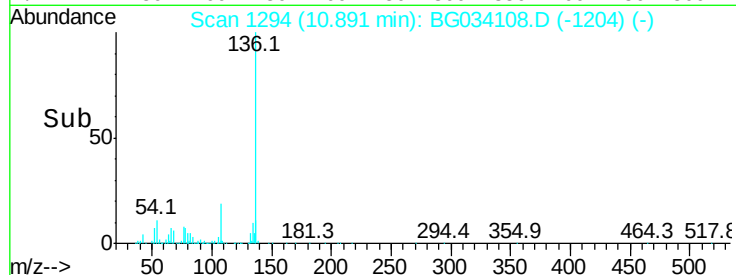


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 0.086 ng

RT: 8.90 min Scan# 955

Delta R.T. -0.00 min

Lab File: BG034108.D

Acq: 2 May 2018 9:55

Tgt Ion:105 Resp: 1176

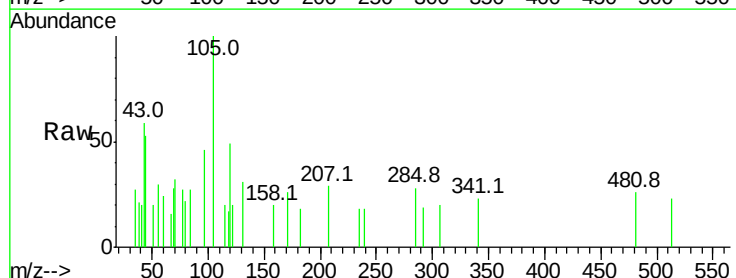
Ion Ratio Lower Upper

105 100

71 0.0 3.0 4.4#

51 20.0 26.1 39.1#

120 49.0 17.4 26.2#

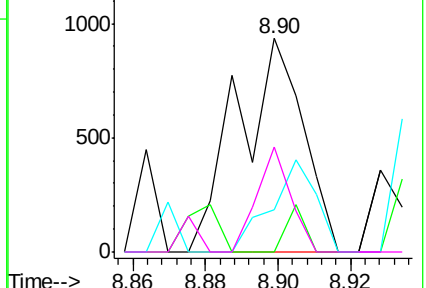
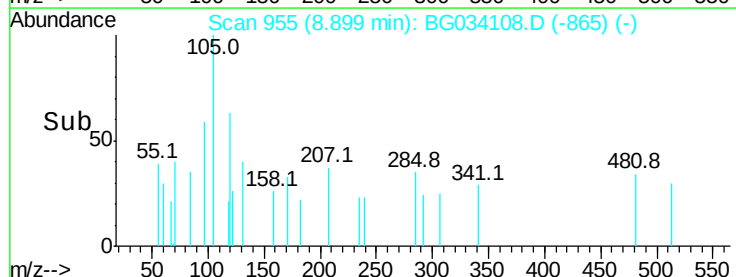


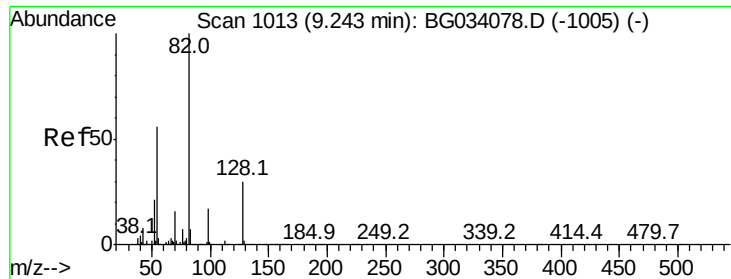
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

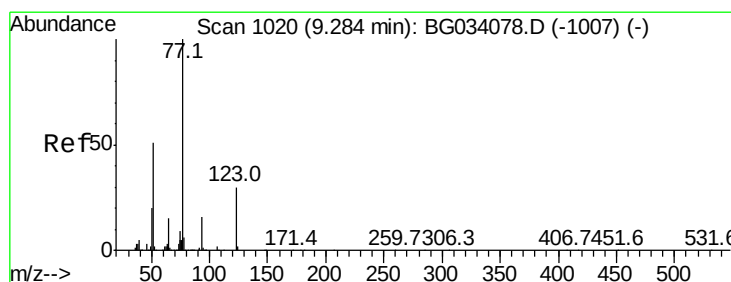
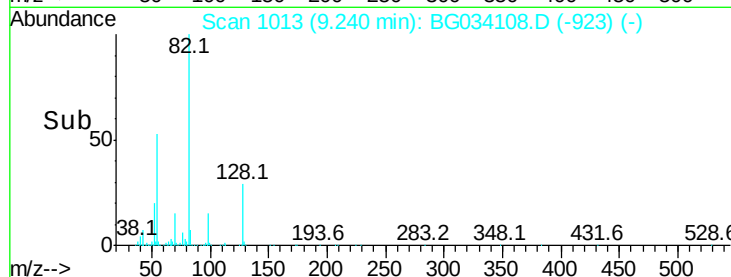
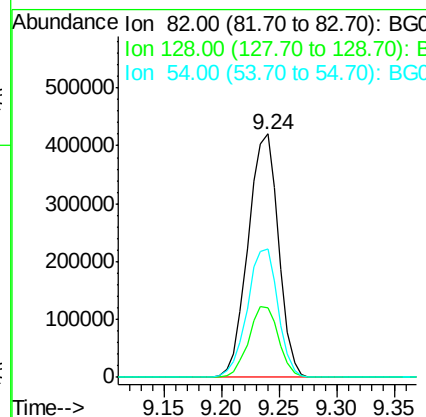
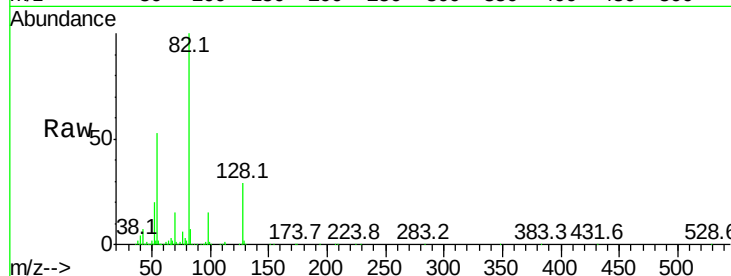




#23
 Nitrobenzene-d5
 Concen: 73.919 ng
 RT: 9.24 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: BG034108.D
 Acq: 2 May 2018 9:55

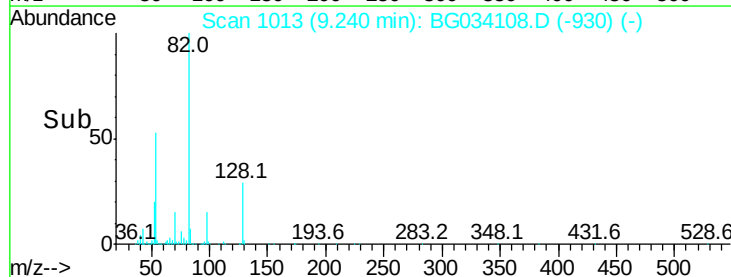
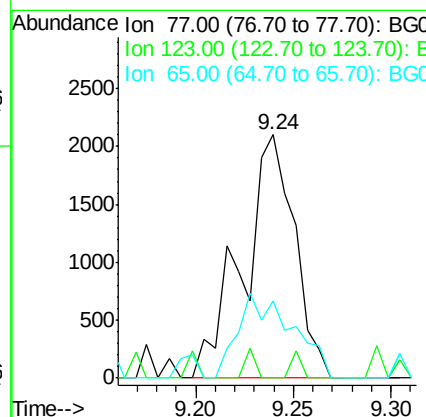
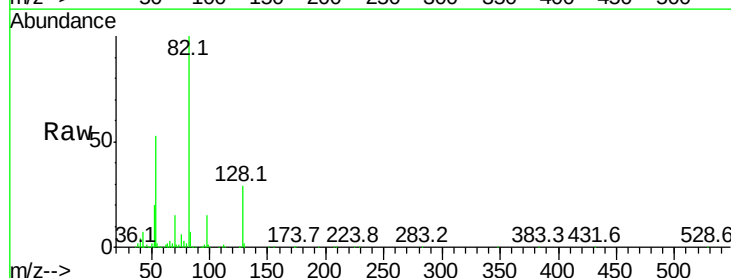
Instrument :
 BNA_G
 ClientSampleId :
 OK-02-042718

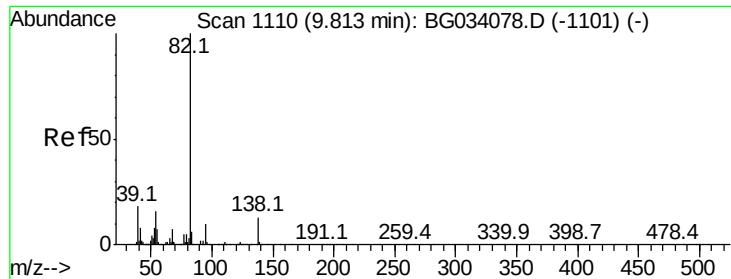
Tot Ion	82	Resp	769832
Ion Ratio	100	Lower	Upper
128	28.6	29.7	44.5#
54	52.8	43.1	64.7



#24
 Nitrobenzene
 Concen: 0.337 ng
 RT: 9.24 min Scan# 1013
 Delta R.T. -0.04 min
 Lab File: BG034108.D
 Acq: 2 May 2018 9:55

Tgt Ion	77	Resp	3847
Ion Ratio	100	Lower	Upper
123	0.0	33.0	49.6#
65	32.0	13.0	19.6#





#25

Isophorone

Concen: 0.004 ng

RT: 9.82 min Scan# 1111

Delta R.T. 0.00 min

Lab File: BG034108.D

Acq: 2 May 2018 9:55

Instrument :

BNA_G

ClientSampleId :

OK-02-042718

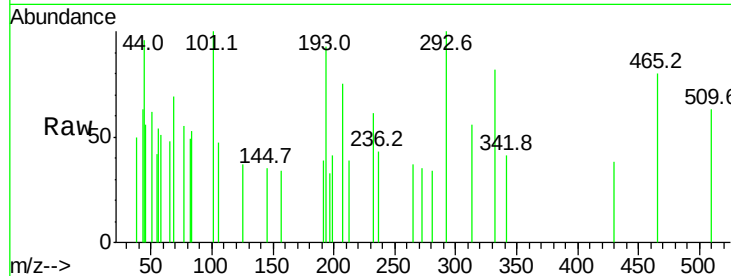
Tot Ion: 82 Resp: 80

Ion Ratio Lower Upper

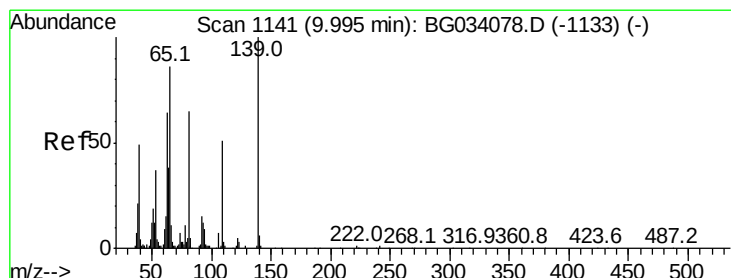
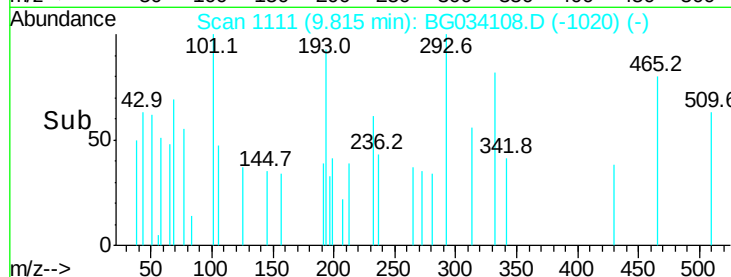
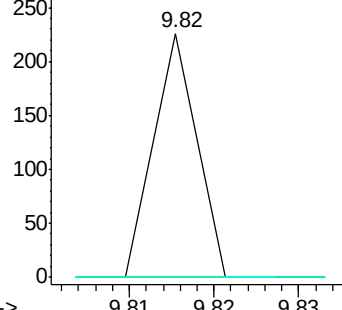
82 100

95 0.0 6.2 9.2#

138 0.0 12.1 18.1#



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



#26

2-Nitrophenol

Concen: 0.020 ng

RT: 10.01 min Scan# 1144

Delta R.T. 0.01 min

Lab File: BG034108.D

Acq: 2 May 2018 9:55

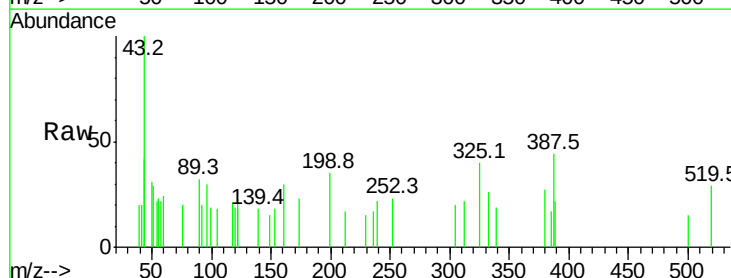
Tgt Ion: 139 Resp: 64

Ion Ratio Lower Upper

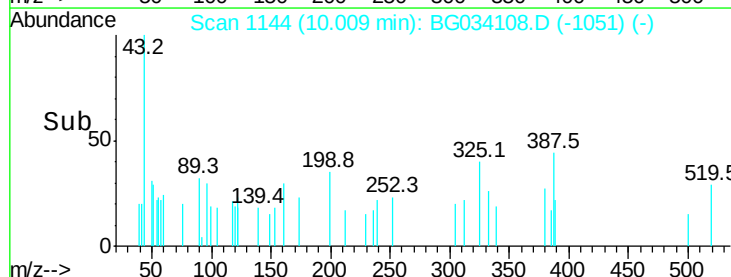
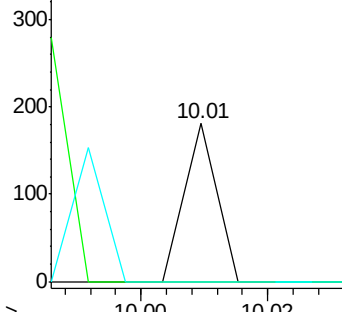
139 100

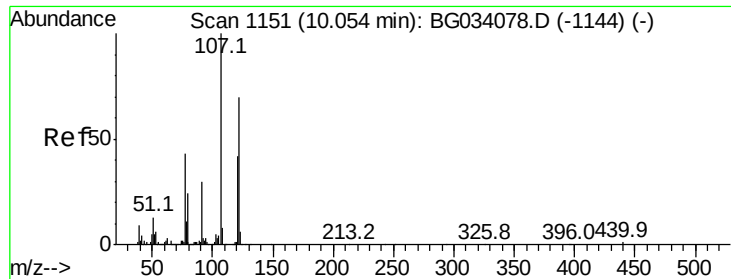
109 0.0 24.2 36.2#

65 0.0 47.4 71.0#



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

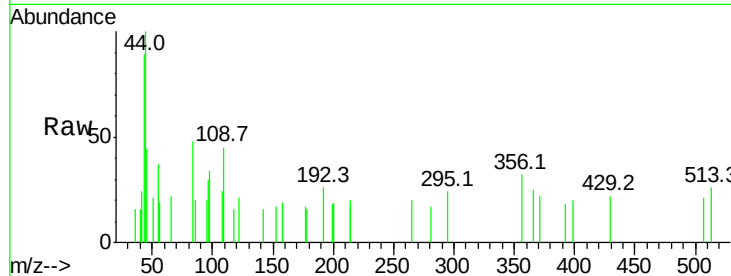




#27
2,4-Dimethylphenol
Concen: 0.032 ng
RT: 10.04 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BG034108.D
Acq: 2 May 2018 9:55

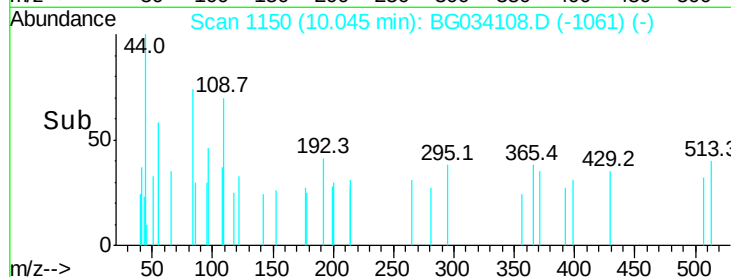
Instrument :
BNA_G
ClientSampled :
OK-02-042718

Tot Ion:122 Resp: 194
Ion Ratio Lower Upper
122 100
107 0.0 100.2 150.2#
121 0.0 44.4 66.6#

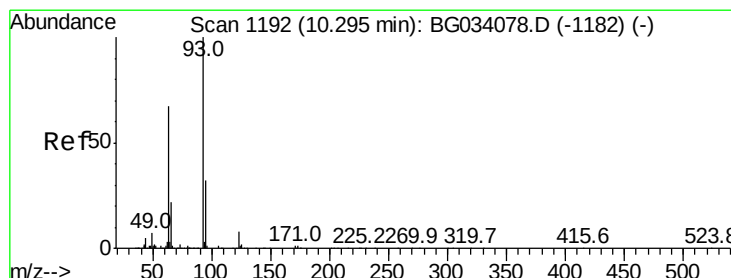


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

10.04

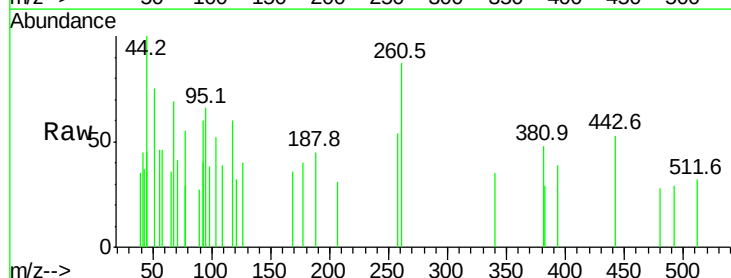


Time-->



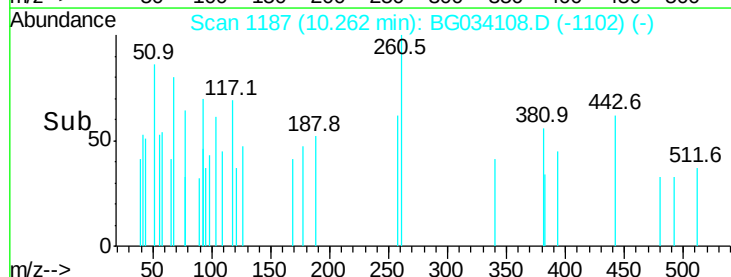
#28
bis(2-Chloroethoxy)methane
Concen: 0.011 ng
RT: 10.26 min Scan# 1187
Delta R.T. -0.03 min
Lab File: BG034108.D
Acq: 2 May 2018 9:55

Tgt Ion: 93 Resp: 117
Ion Ratio Lower Upper
93 100
95 108.7 24.3 36.5#
123 0.0 8.4 12.6#

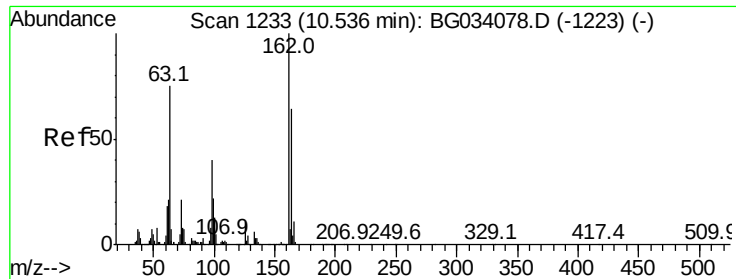


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E

10.26



Time-->



#29

2,4-Dichlorophenol

Concen: 0.020 ng

RT: 10.59 min Scan# 1242

Delta R.T. 0.05 min

Lab File: BG034108.D

Acq: 2 May 2018 9:55

Instrument :

BNA_G

ClientSampleId :

OK-02-042718

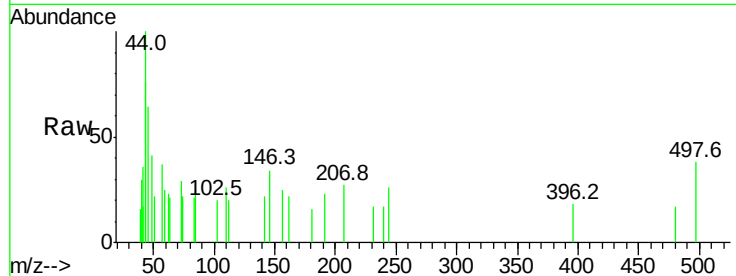
Tot Ion:162 Resp: 146

Ion Ratio Lower Upper

162 100

164 0.0 48.0 88.0#

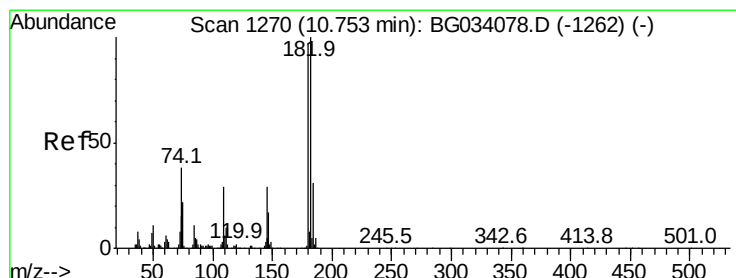
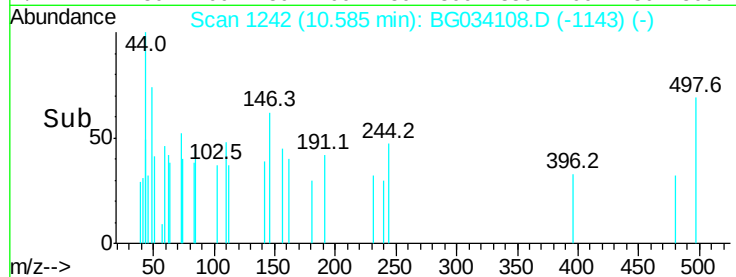
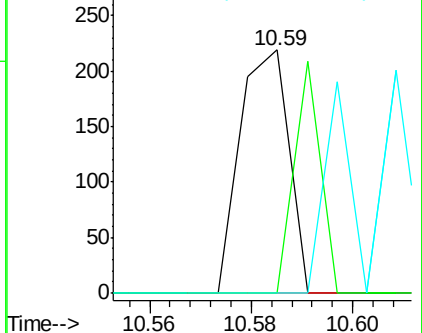
98 0.0 21.1 61.1#



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 0.010 ng

RT: 10.90 min Scan# 1295

Delta R.T. 0.14 min

Lab File: BG034108.D

Acq: 2 May 2018 9:55

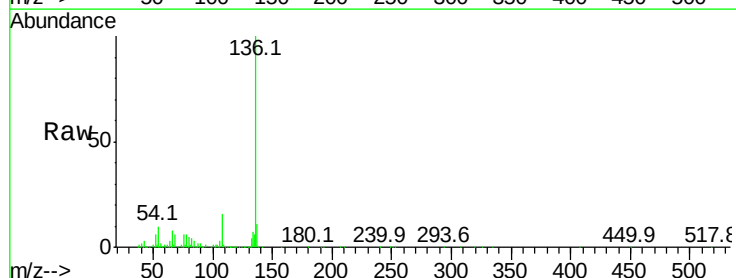
Tgt Ion:180 Resp: 90

Ion Ratio Lower Upper

180 100

182 0.0 77.5 116.3#

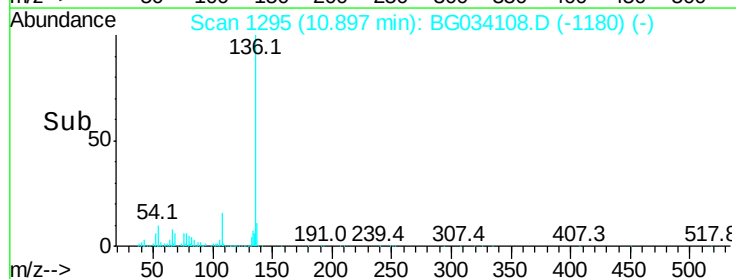
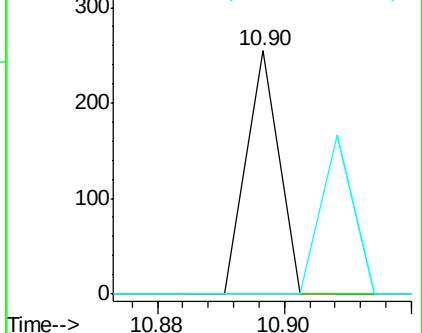
145 0.0 23.4 35.2#

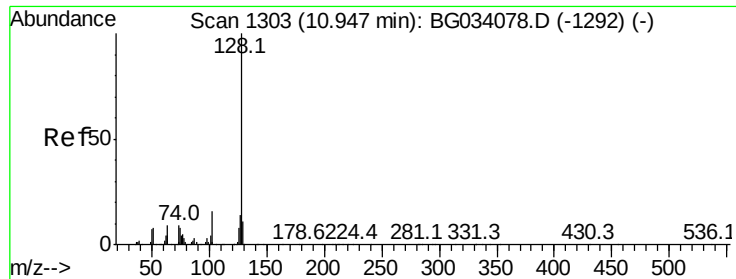


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

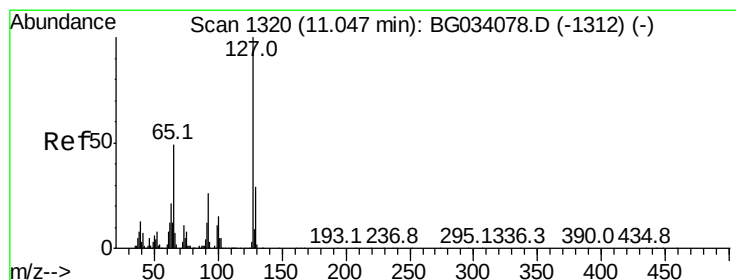
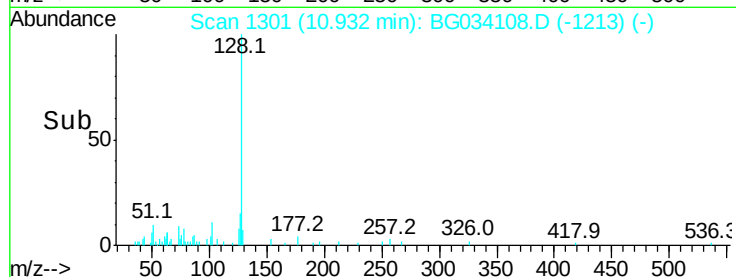
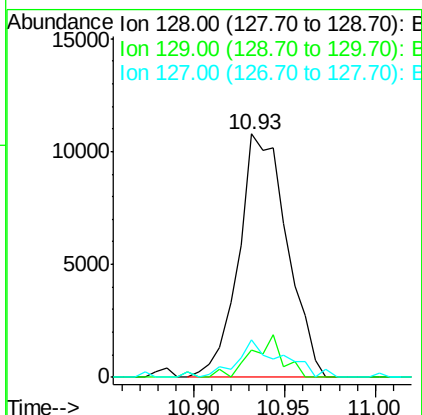
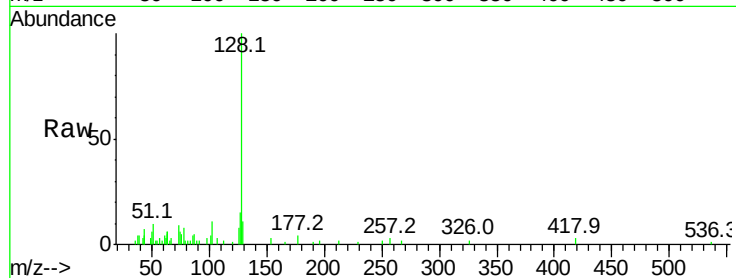




#31
Naphthalene
Concen: 0.951 ng
RT: 10.93 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BG034108.D
Acq: 2 May 2018 9:55

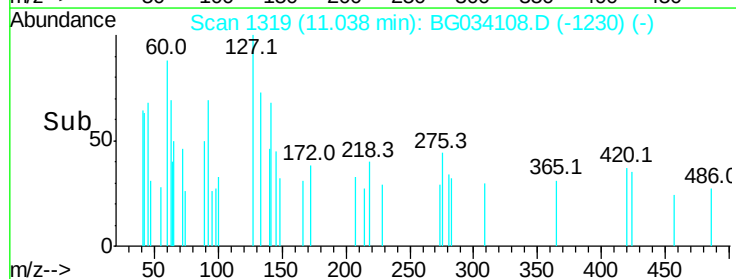
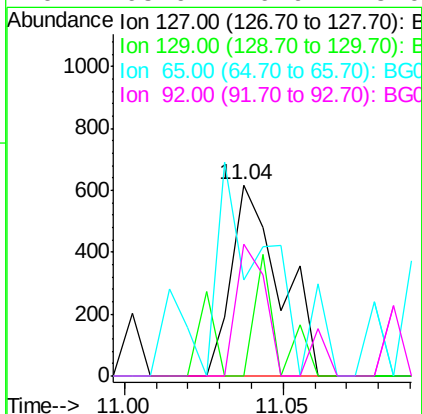
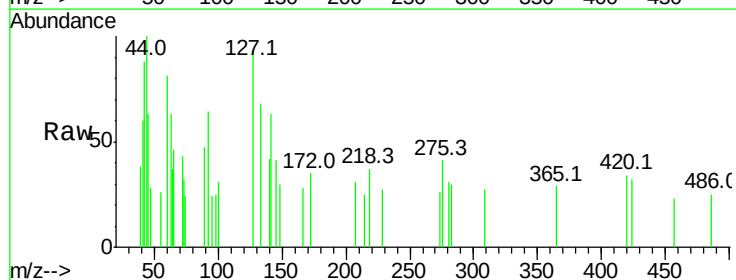
Instrument :
BNA_G
ClientSampleId :
OK-02-042718

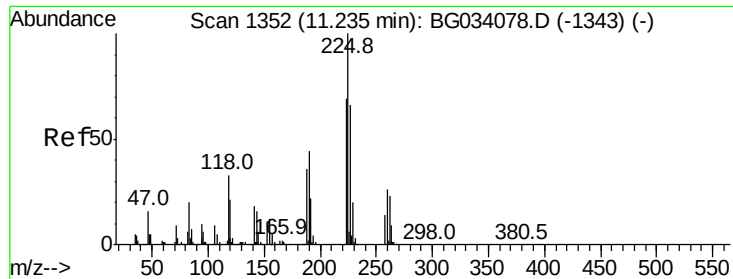
Tot Ion:128 Resp: 19965
Ion Ratio Lower Upper
128 100
129 11.2 8.6 12.8
127 15.2 11.6 17.4



#33
4-Chloroaniline
Concen: 0.069 ng
RT: 11.04 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BG034108.D
Acq: 2 May 2018 9:55

Tgt Ion:127 Resp: 652
Ion Ratio Lower Upper
127 100
129 0.0 24.0 36.0#
65 50.1 27.0 40.4#
92 68.9 16.6 25.0#





#34

Hexachlorobutadiene

Concen: 0.022 ng

RT: 11.30 min Scan# 1363

Delta R.T. 0.06 min

Lab File: BG034108.D

Acq: 2 May 2018 9:55

Instrument :

BNA_G

ClientSampleId :

OK-02-042718

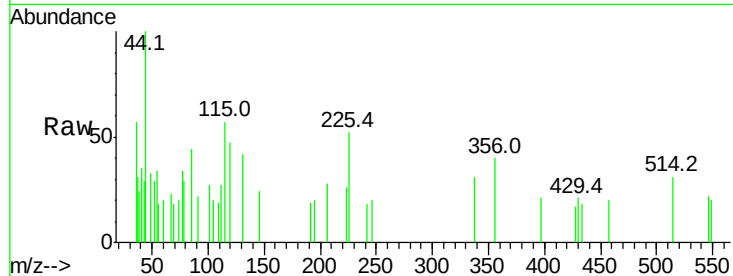
Tot Ion:225 Resp: 163

Ion Ratio Lower Upper

225 100

223 50.8 49.7 74.5

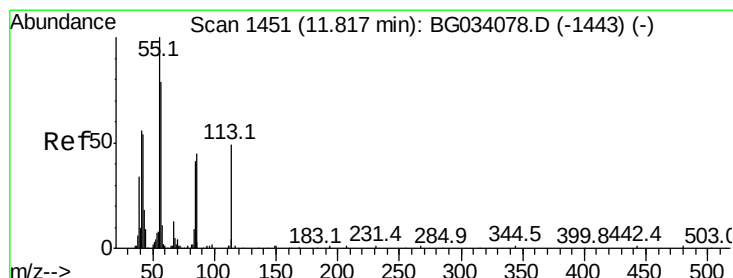
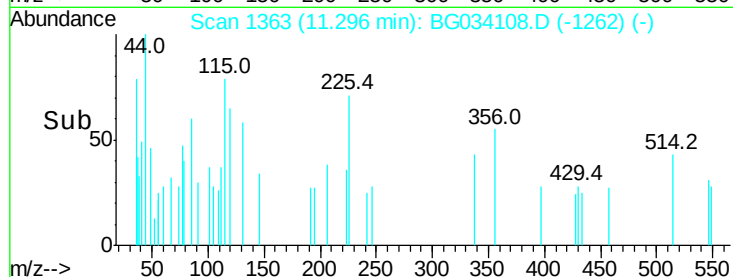
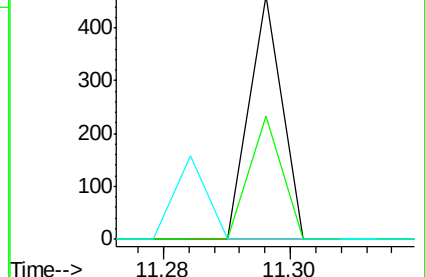
227 0.0 48.1 72.1#



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



#35

Caprolactam

Concen: 0.027 ng

RT: 11.82 min Scan# 1452

Delta R.T. 0.00 min

Lab File: BG034108.D

Acq: 2 May 2018 9:55

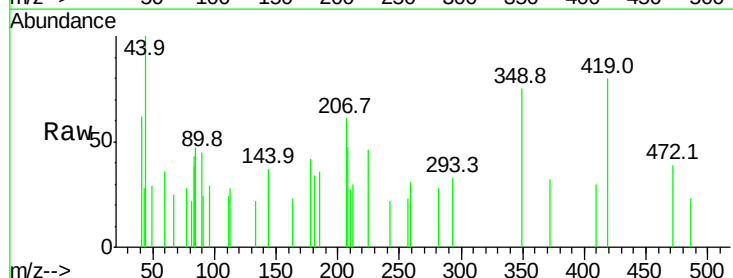
Tgt Ion:113 Resp: 69

Ion Ratio Lower Upper

113 100

55 0.0 186.9 226.9#

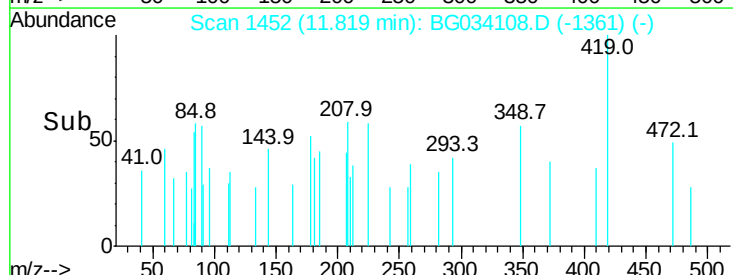
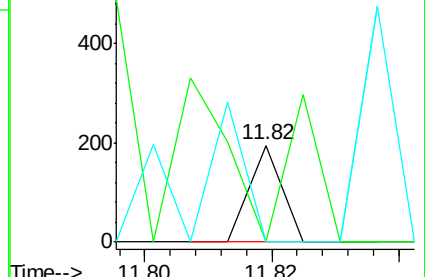
56 0.0 130.9 170.9#

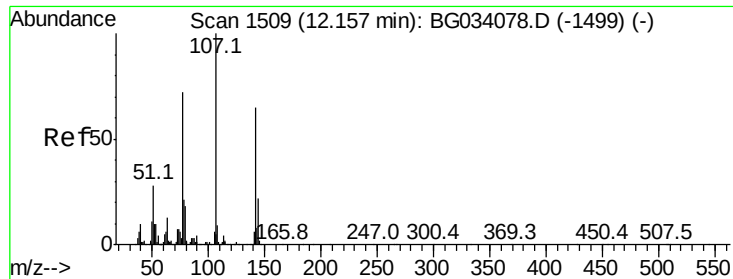


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0





#36

4-Chloro-3-methylphenol

Concen: 0.008 ng

RT: 12.15 min Scan# 1509

Delta R.T. -0.00 min

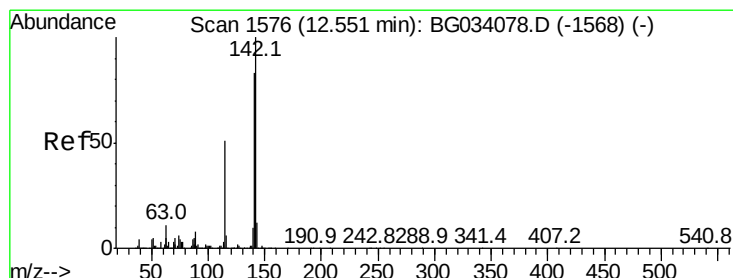
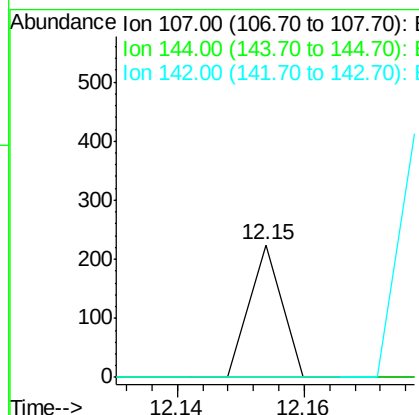
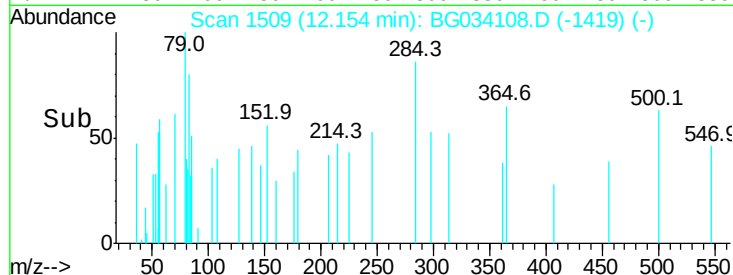
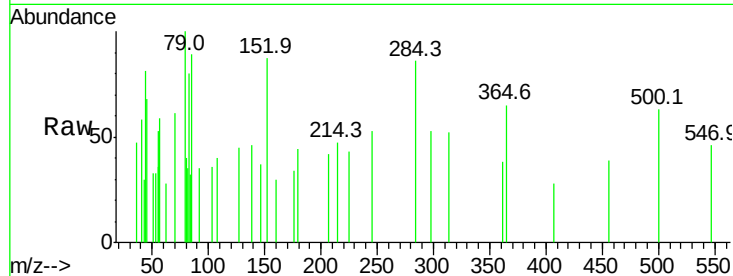
Lab File: BG034108.D

Acq: 2 May 2018 9:55

Instrument :
BNA_G
ClientSampleId :
OK-02-042718

Tot Ion:107 Resp: 79

Ion	Ratio	Lower	Upper
107	100		
144	0.0	18.2	27.4#
142	0.0	59.0	88.4#



#37

2-Methylnaphthalene

Concen: 0.188 ng

RT: 12.54 min Scan# 1575

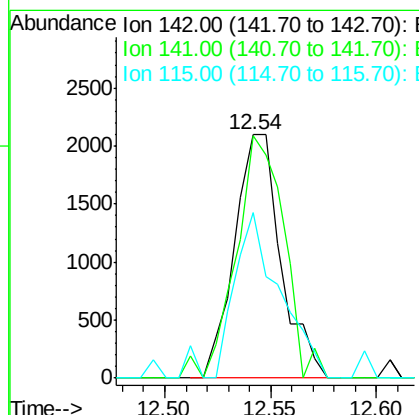
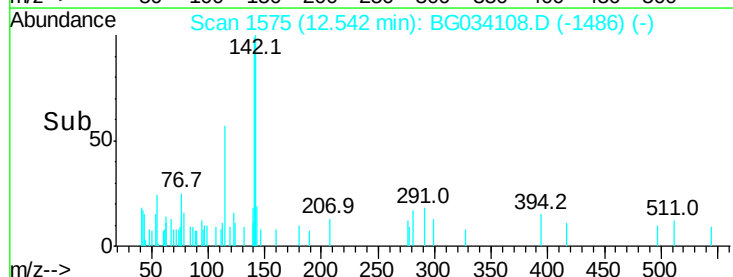
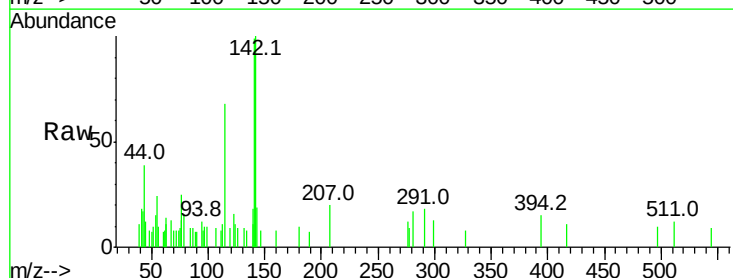
Delta R.T. -0.01 min

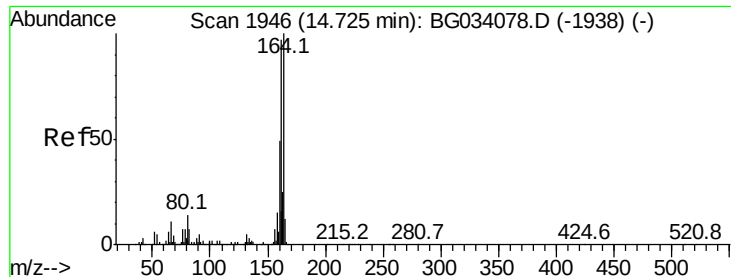
Lab File: BG034108.D

Acq: 2 May 2018 9:55

Tgt Ion:142 Resp: 3194

Ion	Ratio	Lower	Upper
142	100		
141	99.5	67.1	100.7
115	67.8	30.7	46.1#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BG034108.D

Acq: 2 May 2018 9:55

Instrument :

BNA_G

ClientSampleId :

OK-02-042718

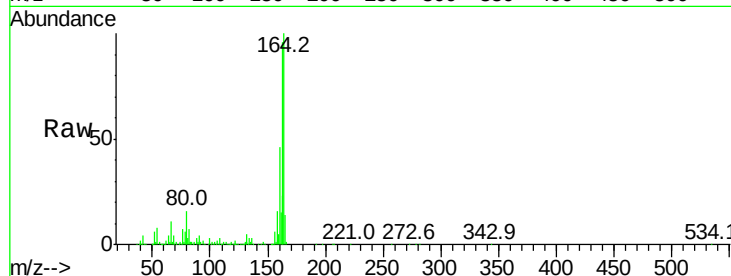
Tot Ion:164 Resp: 300903

Ion Ratio Lower Upper

164 100

162 96.4 78.8 118.2

160 46.2 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

250000

200000

150000

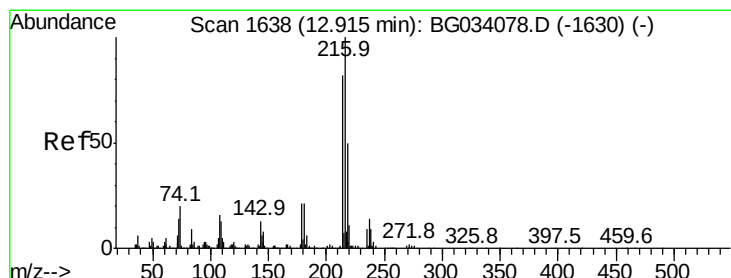
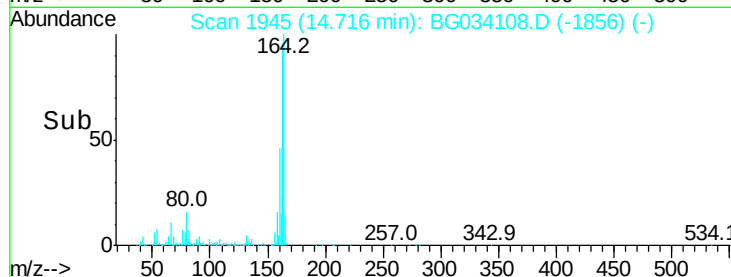
100000

50000

0

14.65 14.70 14.75 14.80

Time-->



#39

1,2,4,5-Tetrachlorobenzene

Concen: 0.012 ng

RT: 12.88 min Scan# 1633

Delta R.T. -0.03 min

Lab File: BG034108.D

Acq: 2 May 2018 9:55

Tgt Ion:216 Resp: 137

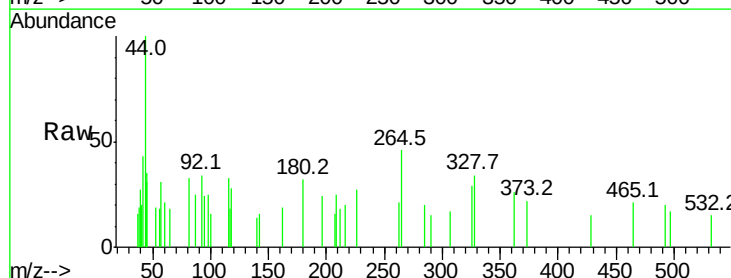
Ion Ratio Lower Upper

216 100

214 0.0 63.0 94.4#

179 0.0 17.0 25.6#

108 75.9 12.8 19.2#



Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

500

400

300

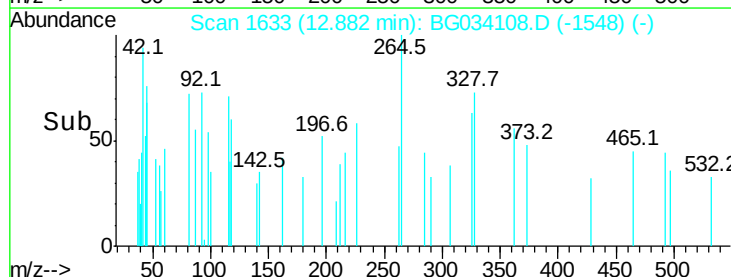
200

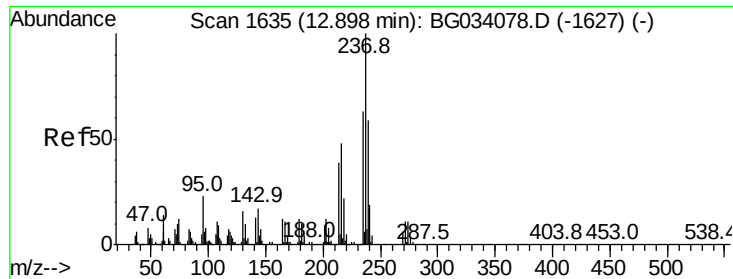
100

0

12.86 12.88 12.90

Time-->





#40

Hexachlorocyclopentadiene

Concen: 0.017 ng

RT: 13.26 min Scan# 1697

Delta R.T. 0.36 min

Lab File: BG034108.D

Acq: 2 May 2018 9:55

Instrument :

BNA_G

ClientSampleId :

OK-02-042718

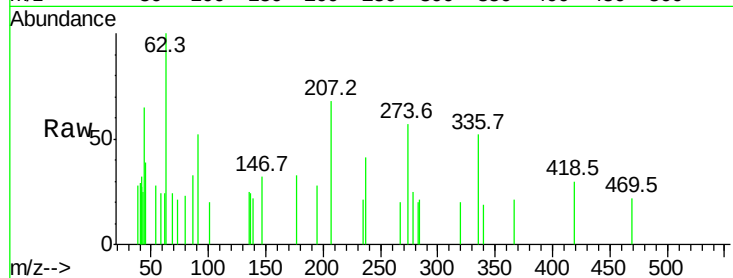
Tot Ion:237 Resp: 120

Ion Ratio Lower Upper

237 100

235 50.7 50.4 90.4

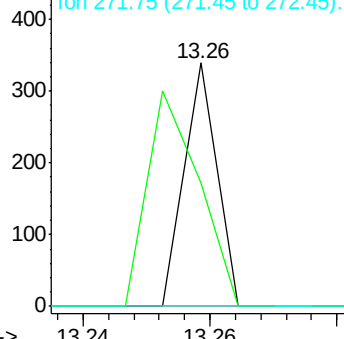
272 0.0 0.0 31.8



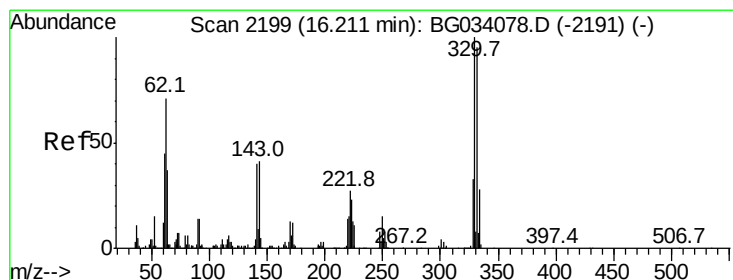
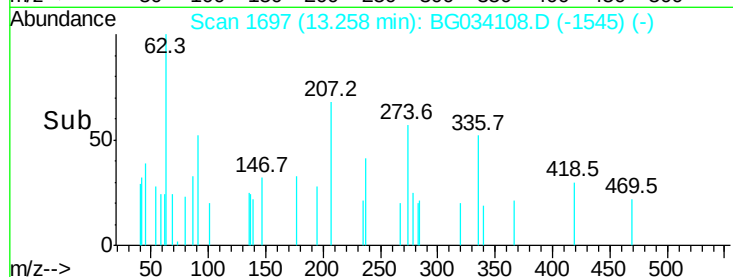
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->



#41

2,4,6-Tribromophenol

Concen: 111.579 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BG034108.D

Acq: 2 May 2018 9:55

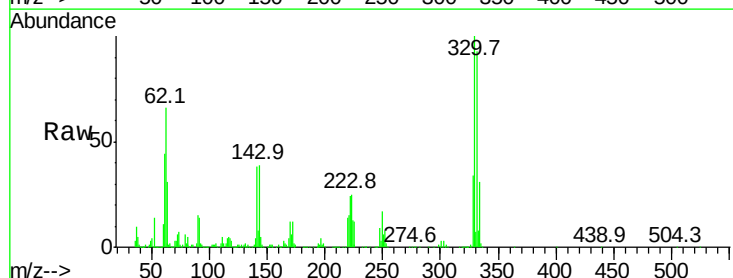
Tgt Ion:330 Resp: 464907

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.6

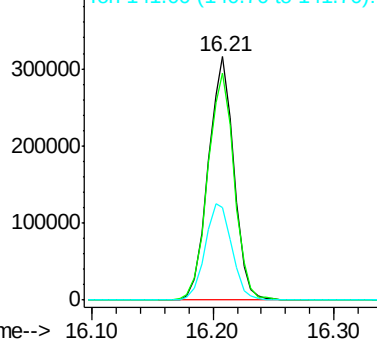
141 41.3 25.2 37.8#



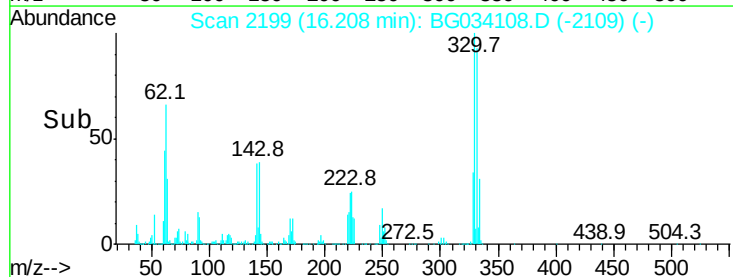
Abundance Ion 329.80 (329.50 to 330.50): E

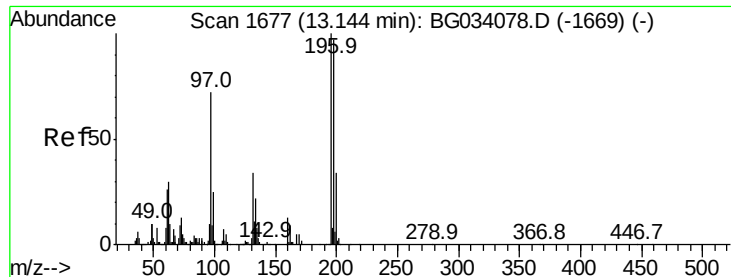
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time-->

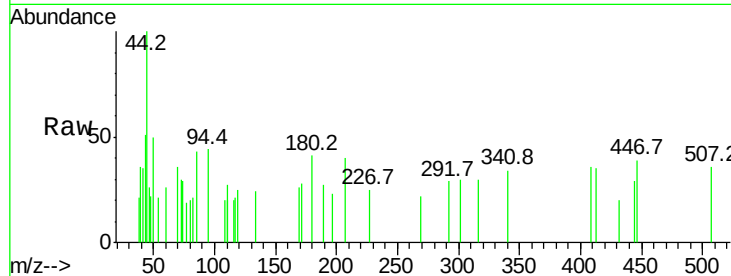




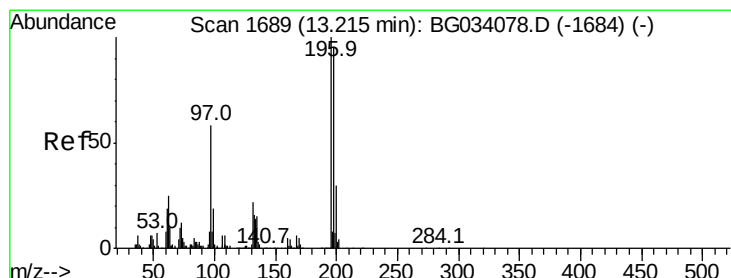
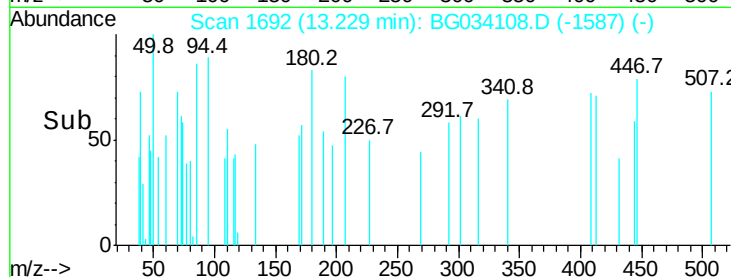
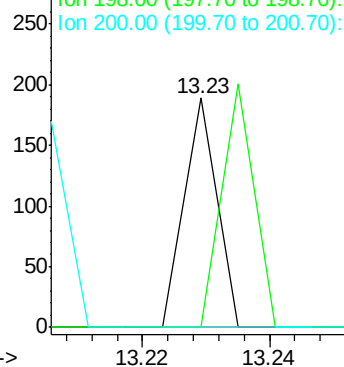
#42
 2,4,6-Trichlorophenol
 Concen: 0.010 ng
 RT: 13.23 min Scan# 1692
 Delta R.T. 0.08 min
 Lab File: BG034108.D
 Acq: 2 May 2018 9:55

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-042718

Tot Ion:196 Resp: 67
 Ion Ratio Lower Upper
 196 100
 198 0.0 78.2 117.2#
 200 0.0 24.6 36.8#

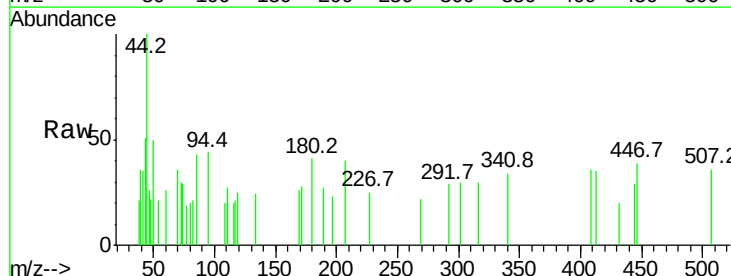


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

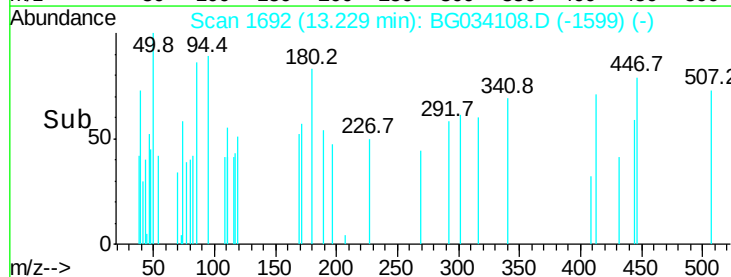
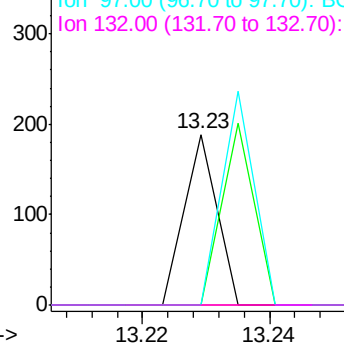


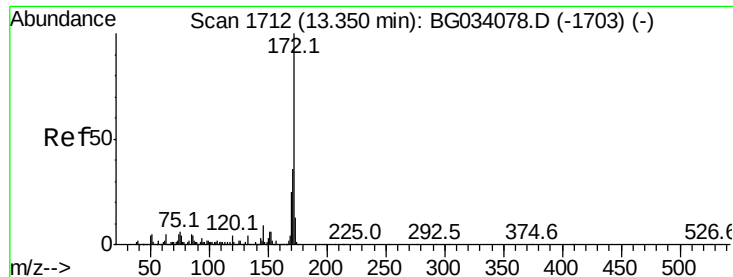
#43
 2,4,5-Trichlorophenol
 Concen: 0.009 ng
 RT: 13.23 min Scan# 1692
 Delta R.T. 0.01 min
 Lab File: BG034108.D
 Acq: 2 May 2018 9:55

Tgt Ion:196 Resp: 67
 Ion Ratio Lower Upper
 196 100
 198 0.0 76.2 114.4#
 97 0.0 38.7 58.1#
 132 0.0 20.2 30.2#



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E



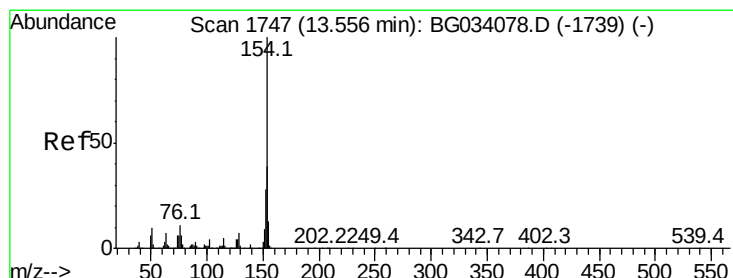
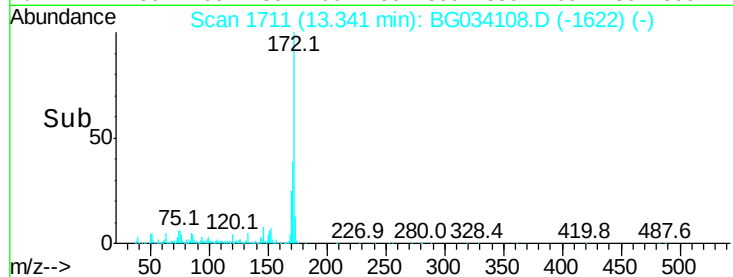
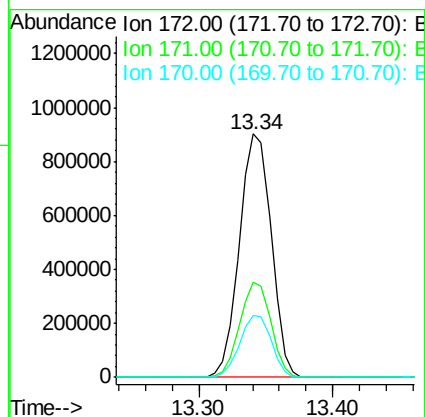
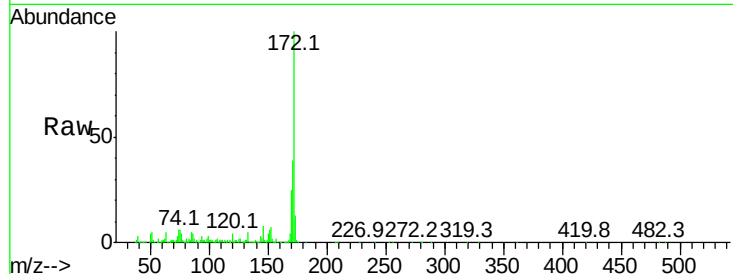


#44
 2-Fluorobiphenyl
 Concen: 71.958 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG034108.D
 Acq: 2 May 2018 9:55

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-042718

Tot Ion:172 Resp: 1485928

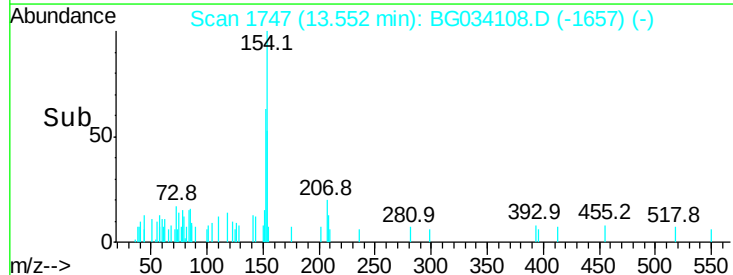
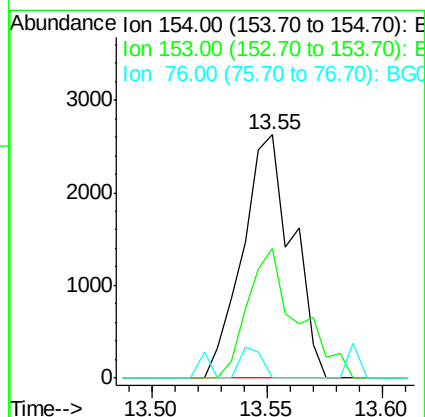
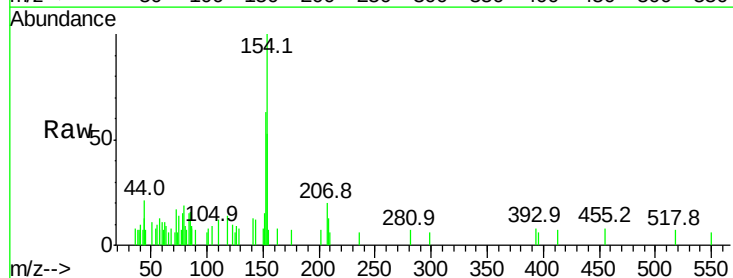
Ion	Ratio	Lower	Upper
172	100		
171	39.0	30.0	45.0
170	25.4	19.5	29.3

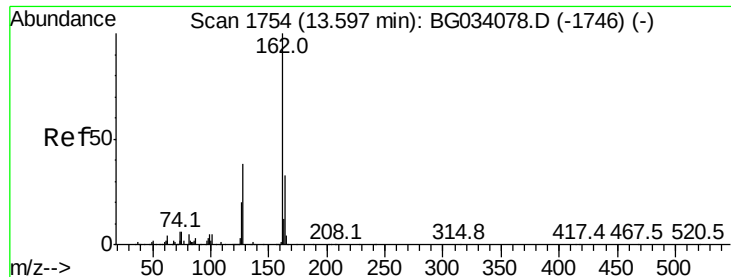


#45
 1,1'-Biphenyl
 Concen: 0.167 ng
 RT: 13.55 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: BG034108.D
 Acq: 2 May 2018 9:55

Tgt Ion:154 Resp: 3925

Ion	Ratio	Lower	Upper
154	100		
153	53.5	19.8	59.8
76	0.0	0.0	31.9

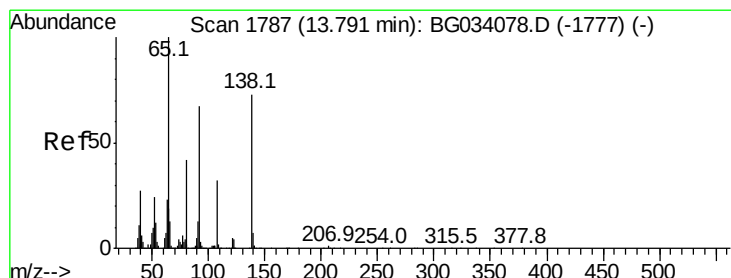
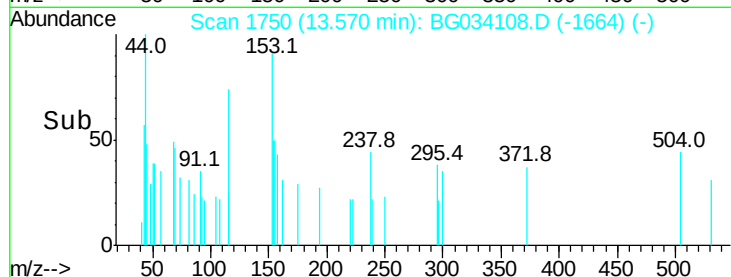
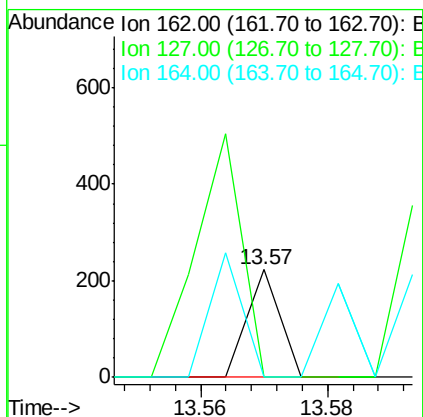
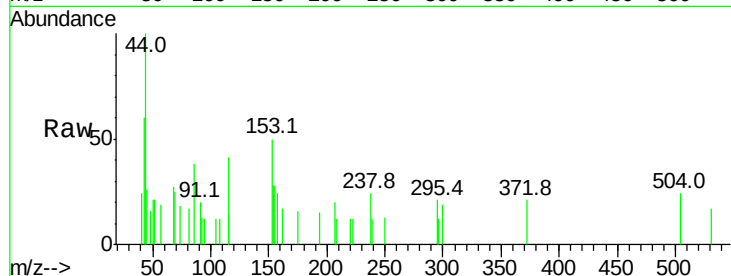




#46
2-Chloronaphthalene
Concen: 0.004 ng
RT: 13.57 min Scan# 1750
Delta R.T. -0.03 min
Lab File: BG034108.D
Acq: 2 May 2018 9:55

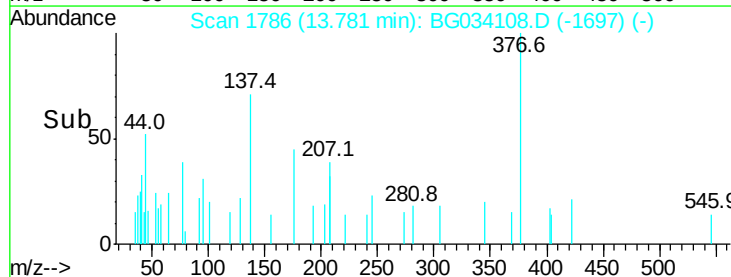
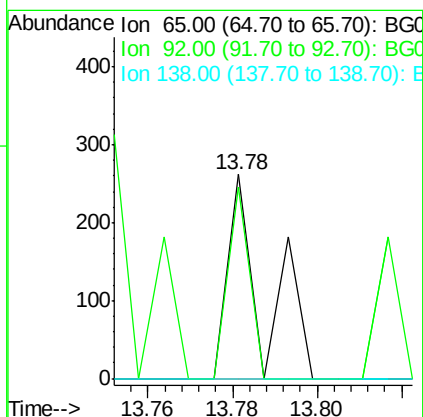
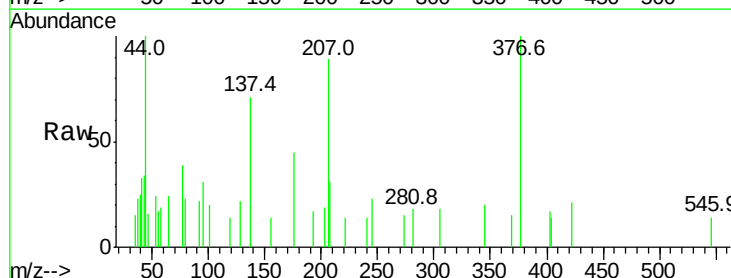
Instrument :
BNA_G
ClientSampleId :
OK-02-042718

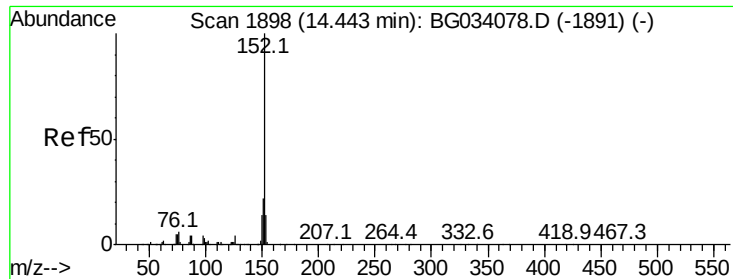
Tot Ion:162 Resp: 79
Ion Ratio Lower Upper
162 100
127 0.0 30.7 46.1#
164 0.0 26.0 39.0#



#47
2-Nitroaniline
Concen: 0.022 ng
RT: 13.78 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BG034108.D
Acq: 2 May 2018 9:55

Tgt Ion: 65 Resp: 156
Ion Ratio Lower Upper
65 100
92 93.9 54.6 82.0#
138 0.0 72.9 109.3#





#48

Acenaphthylene

Concen: 0.040 ng

RT: 14.43 min Scan# 1896

Delta R.T. -0.02 min

Lab File: BG034108.D

Acq: 2 May 2018 9:55

Instrument :

BNA_G

ClientSampleId :

OK-02-042718

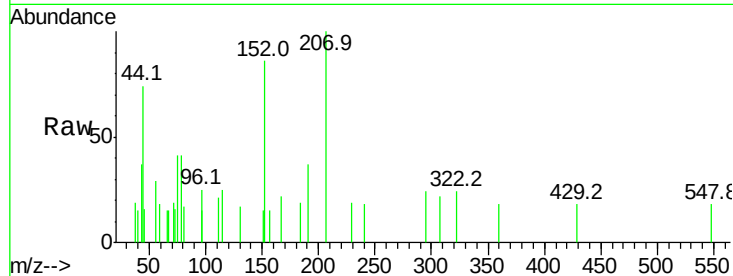
Tot Ion:152 Resp: 1129

Ion Ratio Lower Upper

152 100

151 17.9 17.2 25.8

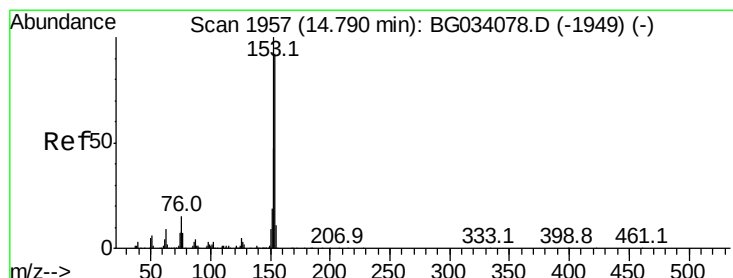
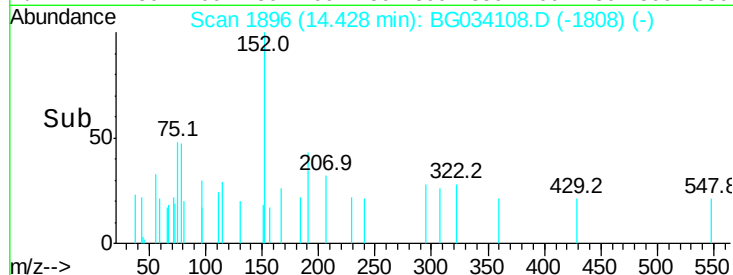
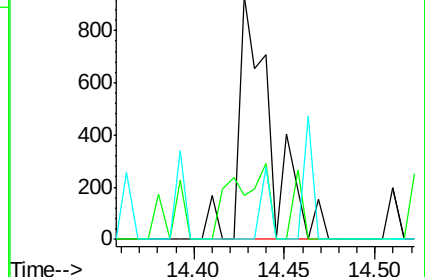
153 0.0 10.2 15.4#



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



#51

Acenaphthene

Concen: 0.206 ng

RT: 14.78 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BG034108.D

Acq: 2 May 2018 9:55

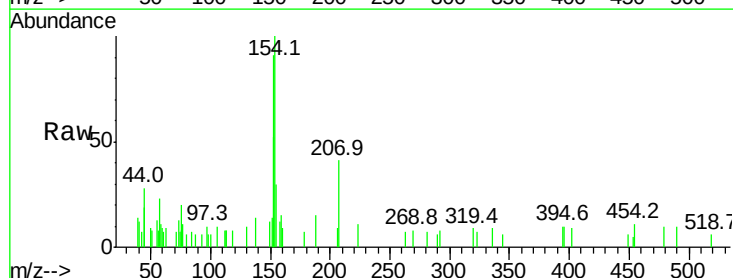
Tgt Ion:154 Resp: 3970

Ion Ratio Lower Upper

154 100

153 91.3 90.4 135.6

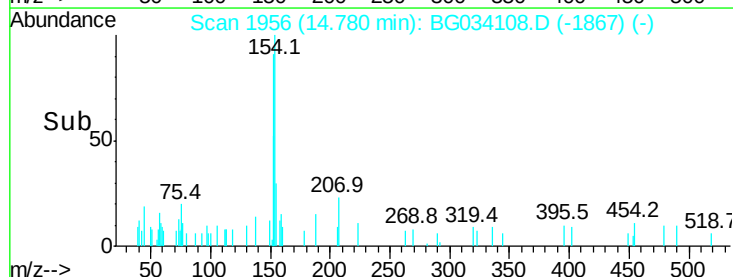
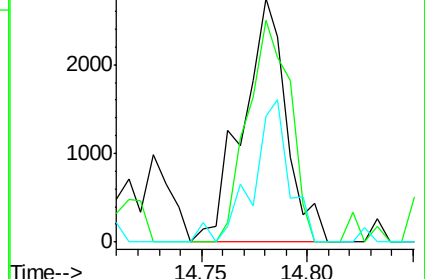
152 51.7 41.6 62.4

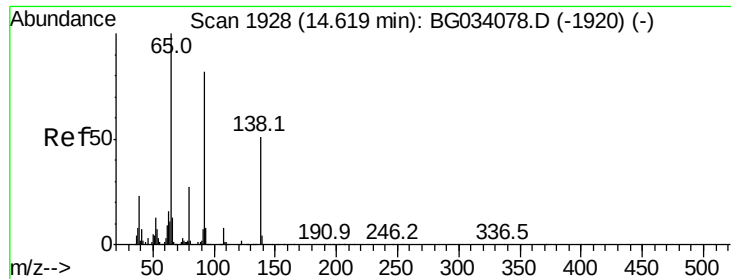


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 0.013 ng

RT: 14.63 min Scan# 1930

Delta R.T. 0.01 min

Lab File: BG034108.D

Acq: 2 May 2018 9:55

Instrument :

BNA_G

ClientSampleId :

OK-02-042718

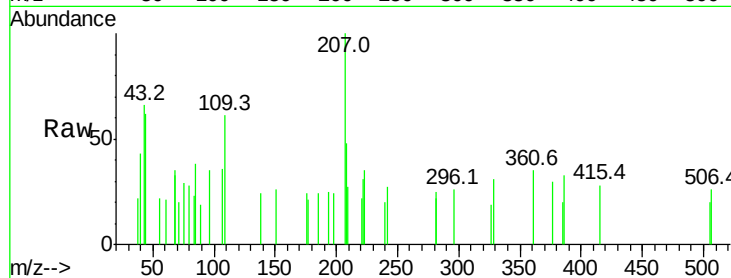
Tot Ion:138 Resp: 66

Ion Ratio Lower Upper

138 100

108 0.0 17.5 26.3#

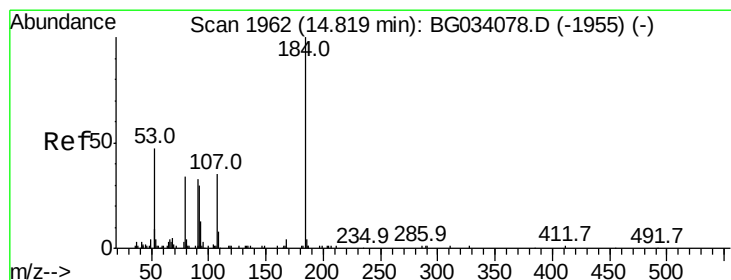
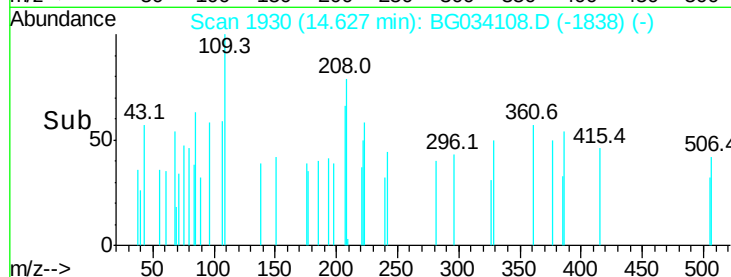
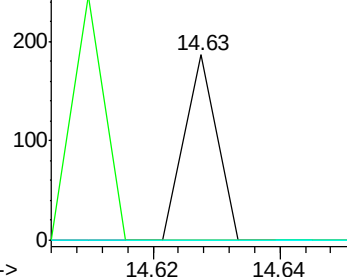
92 0.0 105.8 158.8#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#53

2,4-Dinitrophenol

Concen: 0.068 ng

RT: 14.84 min Scan# 1967

Delta R.T. 0.03 min

Lab File: BG034108.D

Acq: 2 May 2018 9:55

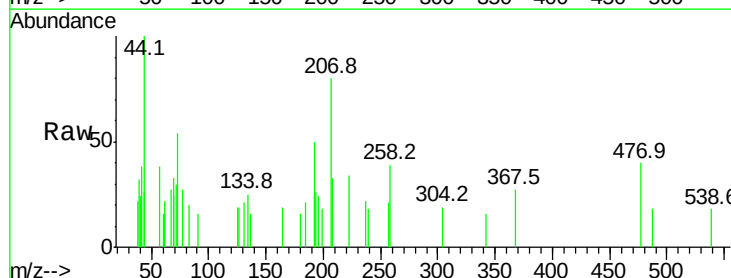
Tgt Ion:184 Resp: 134

Ion Ratio Lower Upper

184 100

63 0.0 59.8 89.8#

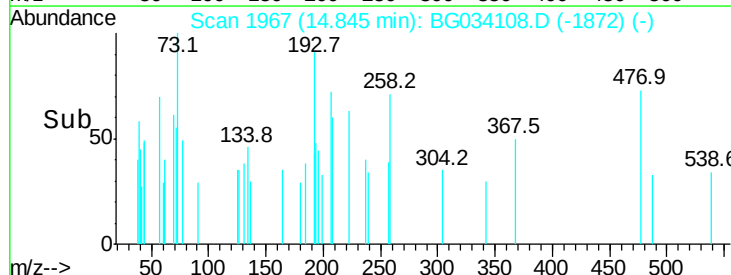
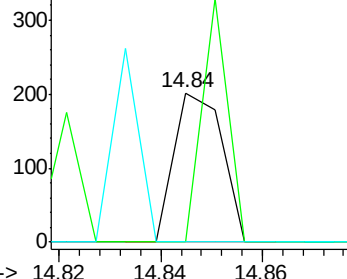
154 0.0 101.8 152.8#

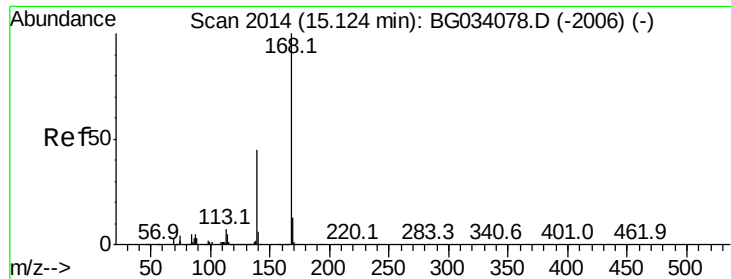


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzo(furan)

Concen: 0.124 ng

RT: 15.12 min Scan# 2014

Delta R.T. -0.00 min

Lab File: BG034108.D

Acq: 2 May 2018 9:55

Instrument :

BNA_G

ClientSampleId :

OK-02-042718

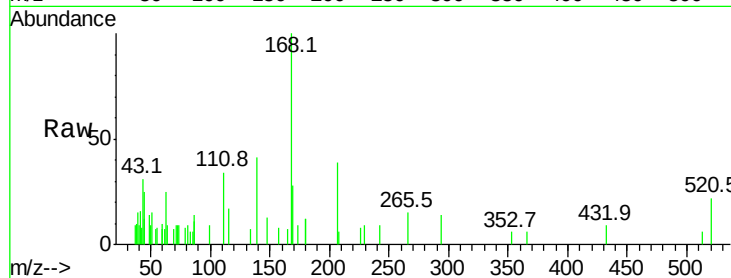
Tot Ion:168 Resp: 3484

Ion Ratio Lower Upper

168 100

139 40.5 28.6 43.0

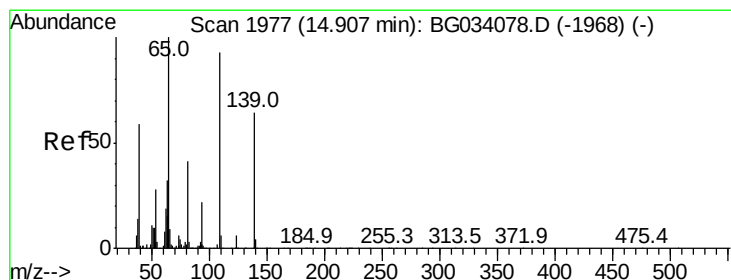
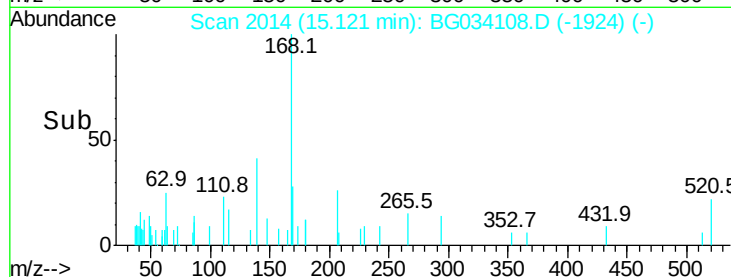
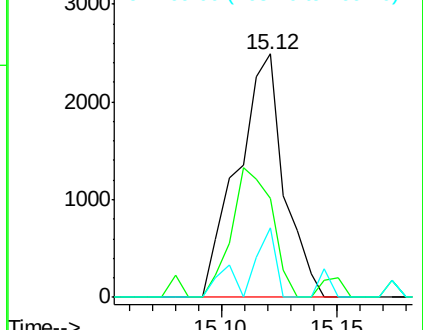
169 28.3 11.2 16.8#



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: 0.026 ng

RT: 14.87 min Scan# 1972

Delta R.T. -0.03 min

Lab File: BG034108.D

Acq: 2 May 2018 9:55

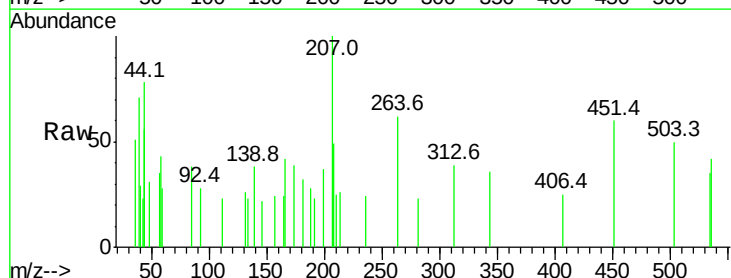
Tgt Ion:139 Resp: 99

Ion Ratio Lower Upper

139 100

109 0.0 62.2 102.2#

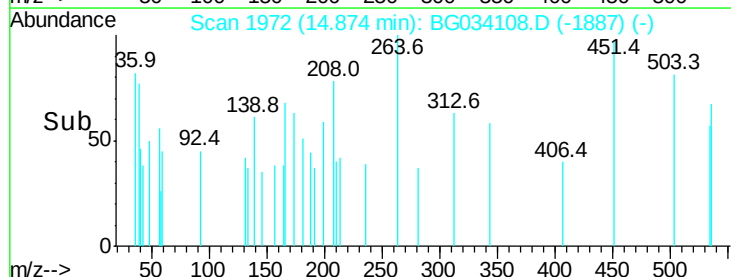
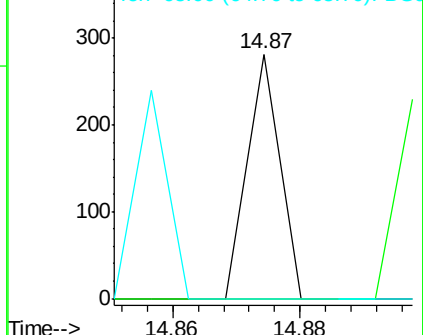
65 0.0 97.2 137.2#

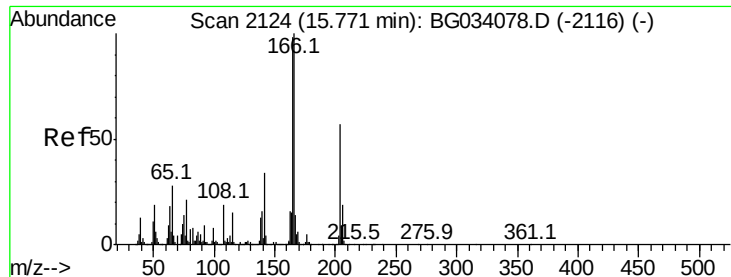


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG





#57

Fluorene

Concen: 0.111 ng

RT: 15.77 min Scan# 2125

Delta R.T. 0.00 min

Lab File: BG034108.D

Acq: 2 May 2018 9:55

Instrument :

BNA_G

ClientSampleId :

OK-02-042718

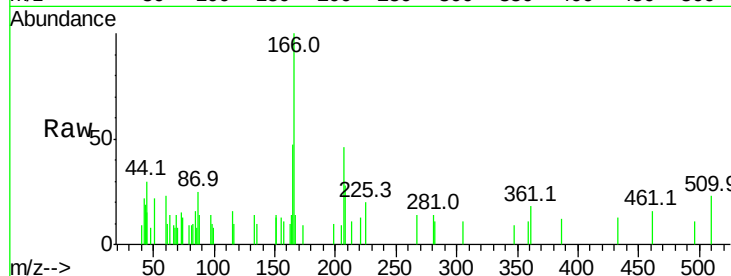
Tot Ion:166 Resp: 2707

Ion Ratio Lower Upper

166 100

165 46.6 80.6 121.0#

167 14.0 10.4 15.6

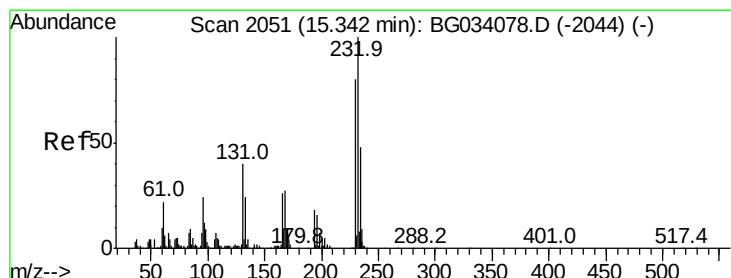
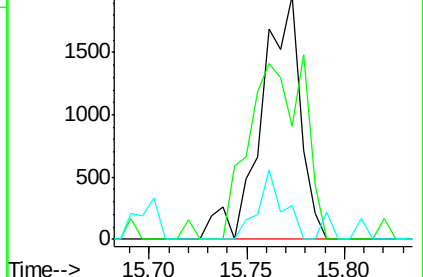
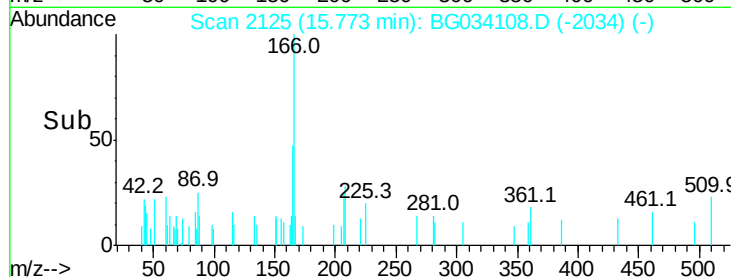


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

Time-->



#58

2,3,4,6-Tetrachlorophenol

Concen: 0.010 ng

RT: 15.26 min Scan# 2037

Delta R.T. -0.09 min

Lab File: BG034108.D

Acq: 2 May 2018 9:55

Tgt Ion:232 Resp: 81

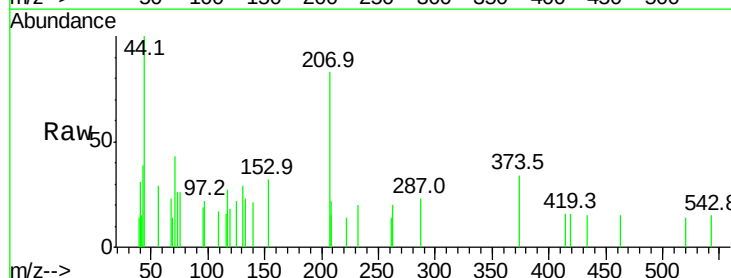
Ion Ratio Lower Upper

232 100

131 70.4 33.5 50.3#

130 145.7 2.2 3.2#

166 0.0 24.8 37.2#



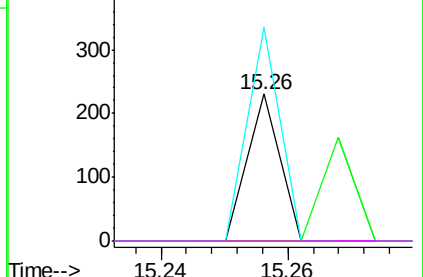
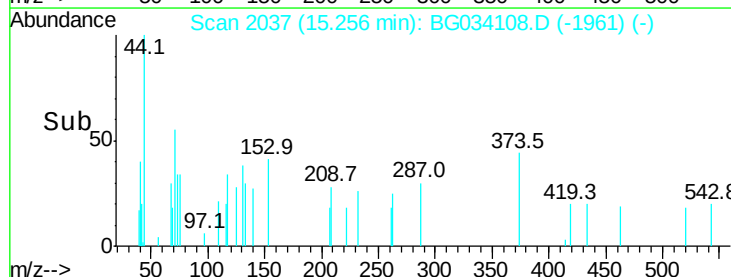
Abundance Ion 232.00 (231.70 to 232.70): E

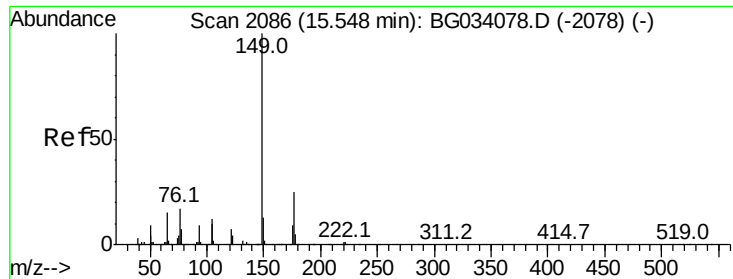
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

Time-->





#59

Diethylphthalate

Concen: 0.021 ng

RT: 15.54 min Scan# 2085

Delta R.T. -0.01 min

Lab File: BG034108.D

Acq: 2 May 2018 9:55

Instrument :

BNA_G

ClientSampleId :

OK-02-042718

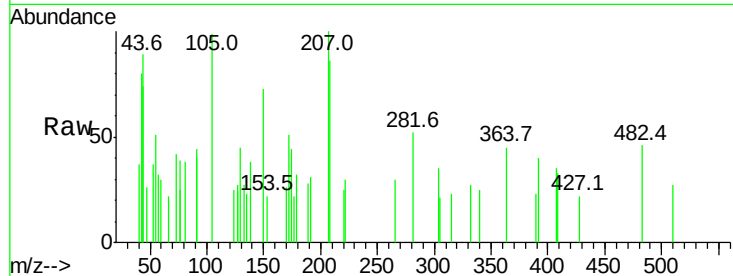
Tot Ion:149 Resp: 580

Ion Ratio Lower Upper

149 100

177 29.7 18.5 27.7#

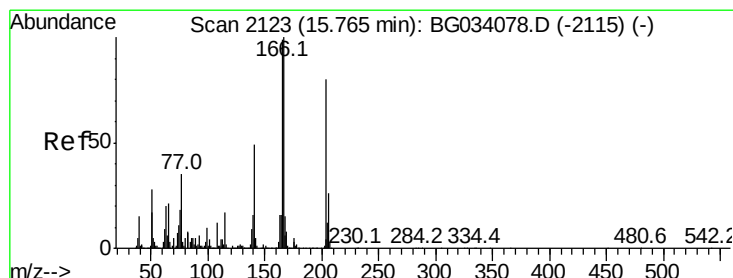
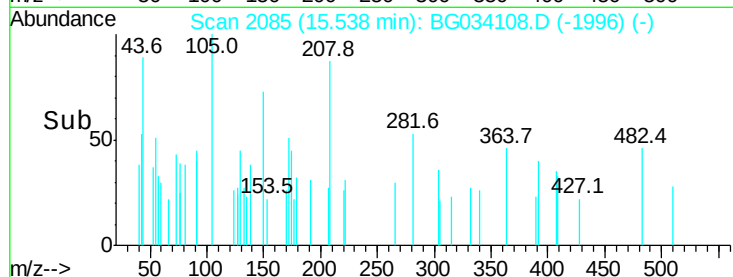
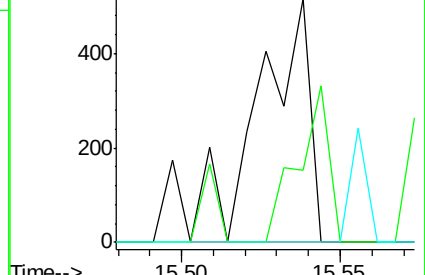
150 0.0 10.2 15.2#



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



#60

4-Chlorophenyl-phenylether

Concen: 0.008 ng

RT: 15.75 min Scan# 2121

Delta R.T. -0.02 min

Lab File: BG034108.D

Acq: 2 May 2018 9:55

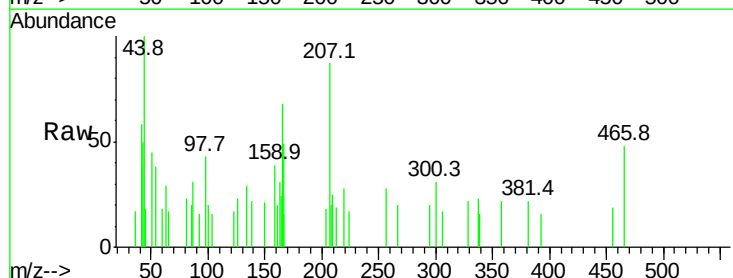
Tgt Ion:204 Resp: 120

Ion Ratio Lower Upper

204 100

206 0.0 26.2 39.2#

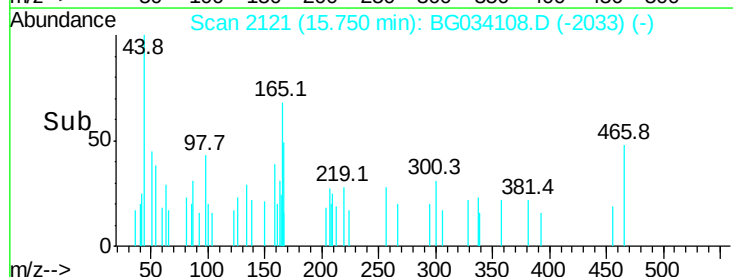
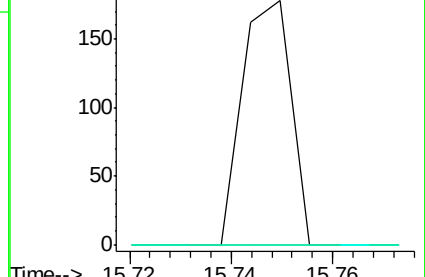
141 0.0 45.8 68.6#

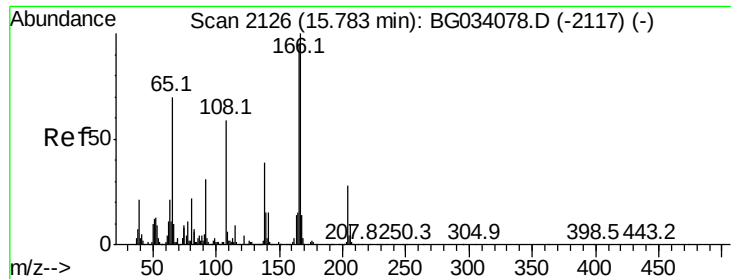


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

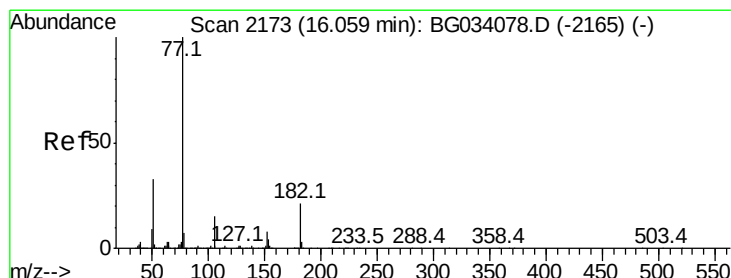
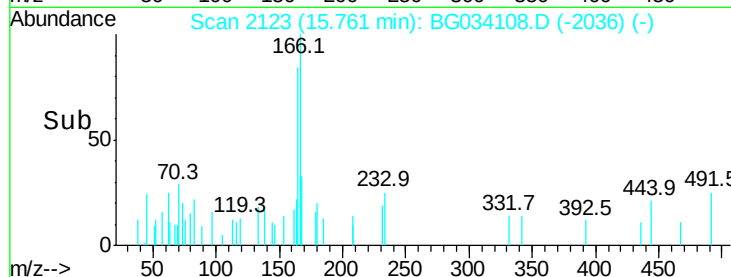
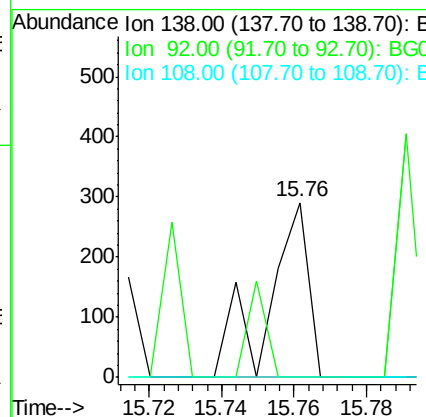
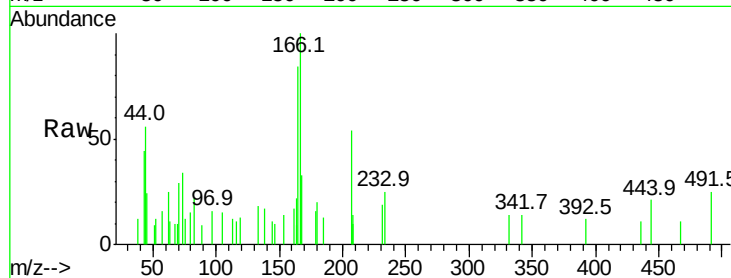




#61
4-Nitroaniline
Concen: 0.041 ng
RT: 15.76 min Scan# 2123
Delta R.T. -0.02 min
Lab File: BG034108.D
Acq: 2 May 2018 9:55

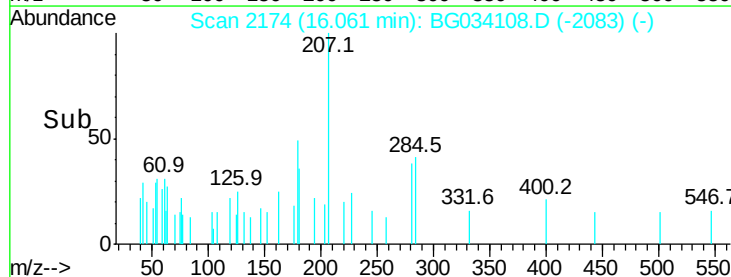
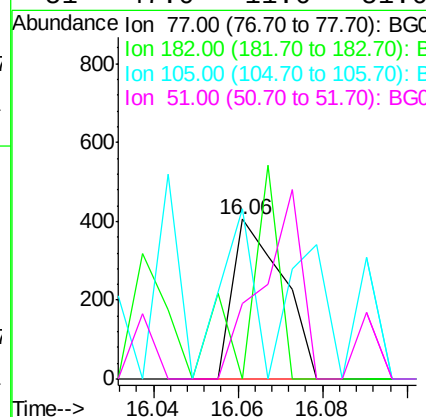
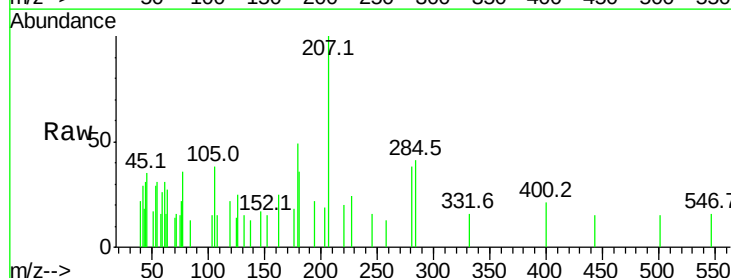
Instrument :
BNA_G
ClientSampleId :
OK-02-042718

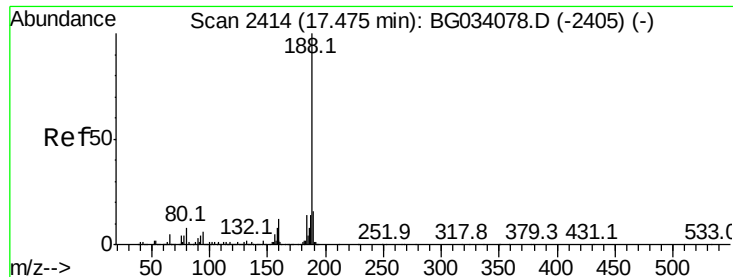
Tot Ion:138 Resp: 222
Ion Ratio Lower Upper
138 100
92 0.0 40.1 80.1#
108 0.0 65.4 105.4#



#62
Azobenzene
Concen: 0.011 ng
RT: 16.06 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BG034108.D
Acq: 2 May 2018 9:55

Tgt Ion: 77 Resp: 333
Ion Ratio Lower Upper
77 100
182 0.0 7.4 47.4#
105 106.4 0.3 40.3#
51 47.0 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2414

Delta R.T. -0.00 min

Lab File: BG034108.D

Acq: 2 May 2018 9:55

Instrument :

BNA_G

ClientSampleId :

OK-02-042718

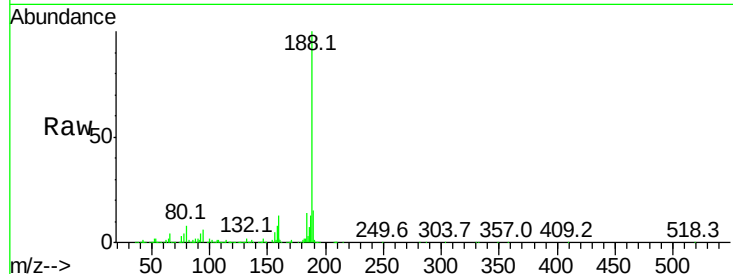
Tot Ion:188 Resp: 859607

Ion Ratio Lower Upper

188 100

94 5.8 6.9 10.3#

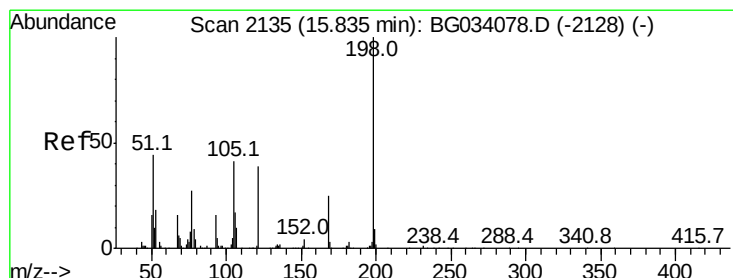
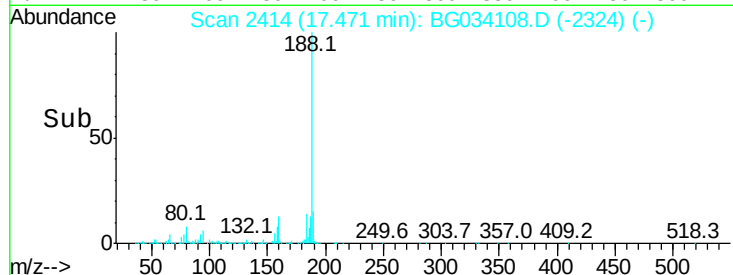
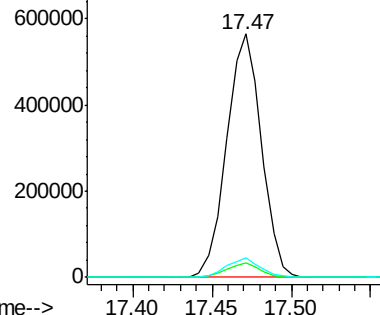
80 8.0 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 0.024 ng

RT: 15.85 min Scan# 2138

Delta R.T. 0.01 min

Lab File: BG034108.D

Acq: 2 May 2018 9:55

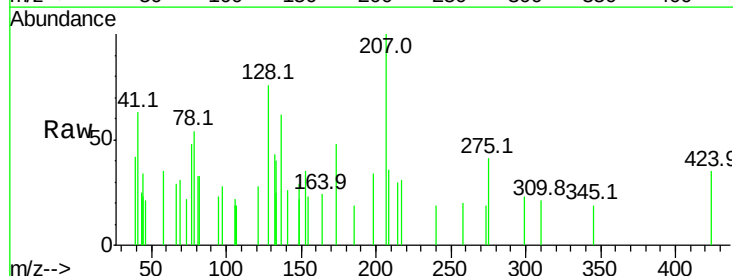
Tgt Ion:198 Resp: 97

Ion Ratio Lower Upper

198 100

51 0.0 30.6 70.6#

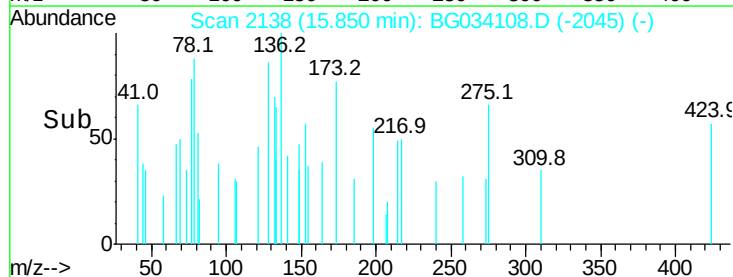
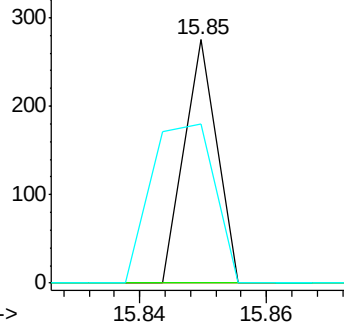
105 65.5 23.8 63.8#

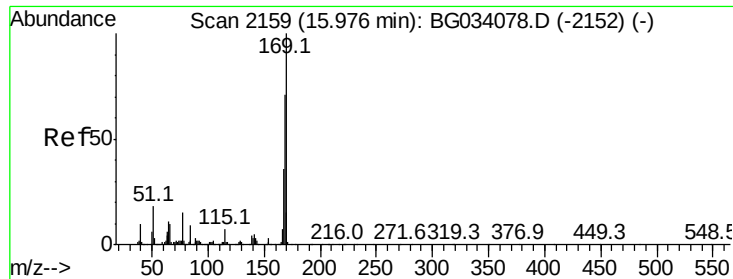


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

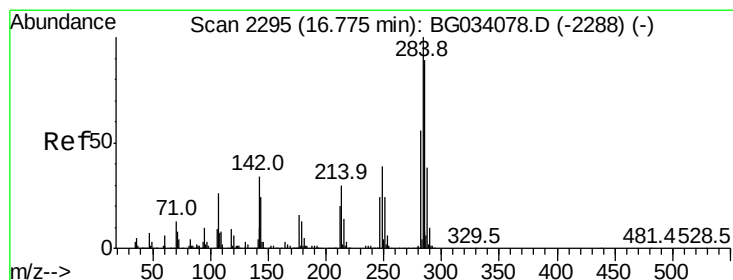
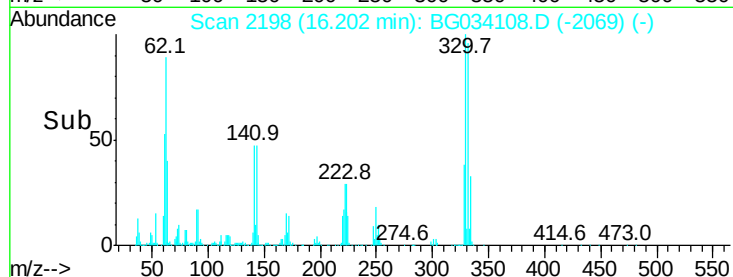
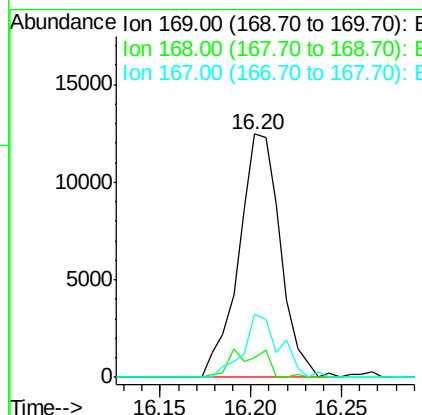
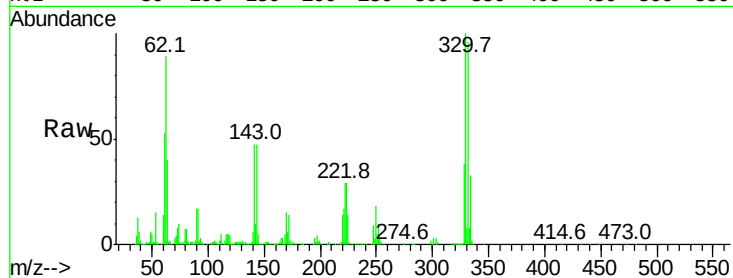




#65
n-Nitrosodiphenylamine
Concen: 0.847 ng
RT: 16.20 min Scan# 2198
Delta R.T. 0.23 min
Lab File: BG034108.D
Acq: 2 May 2018 9:55

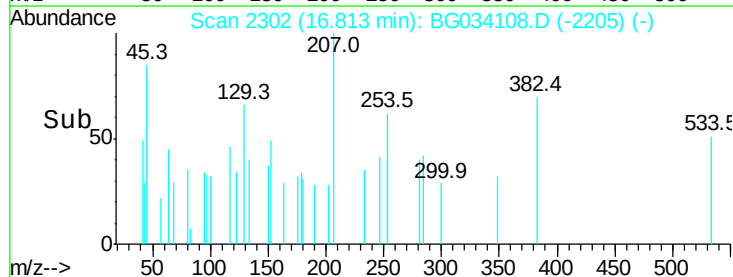
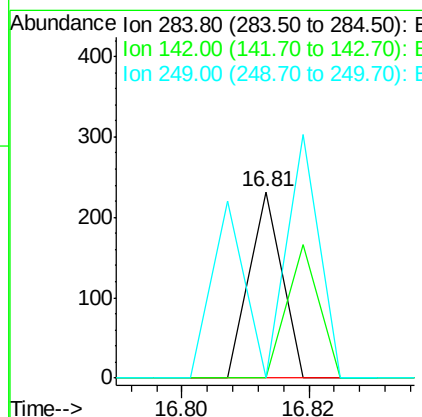
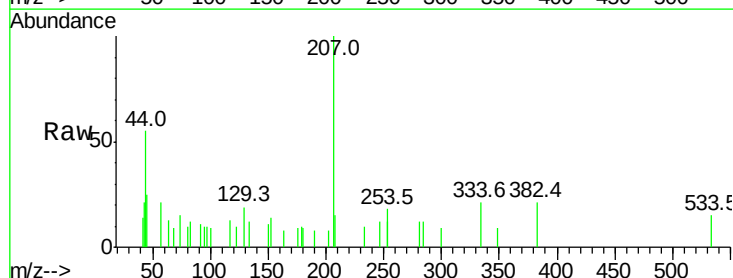
Instrument :
BNA_G
ClientSampleId :
OK-02-042718

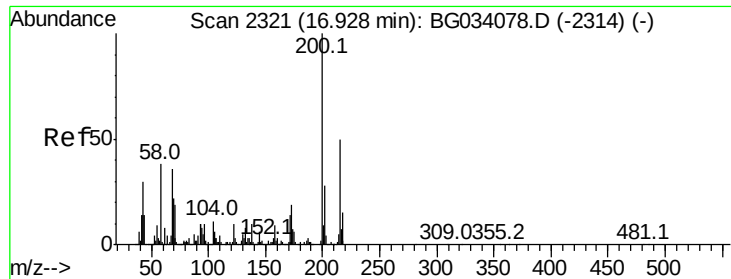
Tot Ion:169 Resp: 19861
Ion Ratio Lower Upper
169 100
168 8.3 55.7 83.5#
167 26.0 30.1 45.1#



#67
Hexachlorobenzene
Concen: 0.008 ng
RT: 16.81 min Scan# 2302
Delta R.T. 0.04 min
Lab File: BG034108.D
Acq: 2 May 2018 9:55

Tgt Ion:284 Resp: 82
Ion Ratio Lower Upper
284 100
142 0.0 26.8 40.2#
249 0.0 26.3 39.5#





#68

Atrazine

Concen: 0.922 ng

RT: 16.98 min Scan# 2330

Delta R.T. 0.05 min

Lab File: BG034108.D

Acq: 2 May 2018 9:55

Instrument :

BNA_G

ClientSampleId :

OK-02-042718

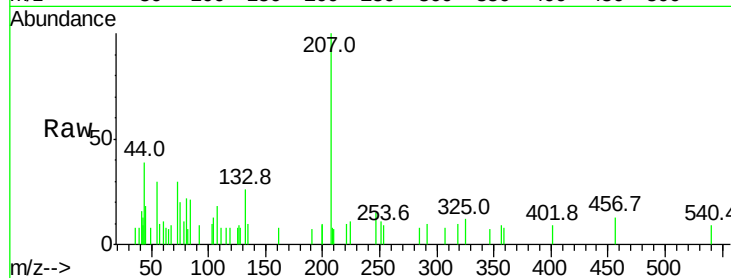
Tot Ion:200 Resp: 72

Ion Ratio Lower Upper

200 100

173 0.0 5.2 45.2#

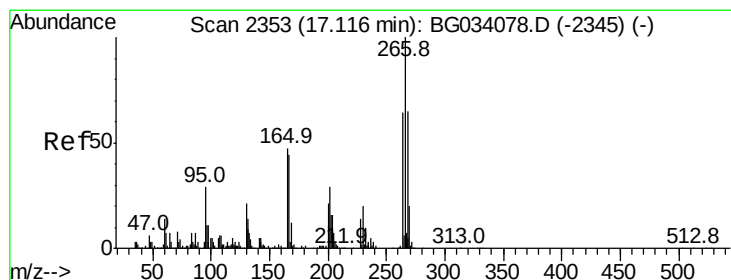
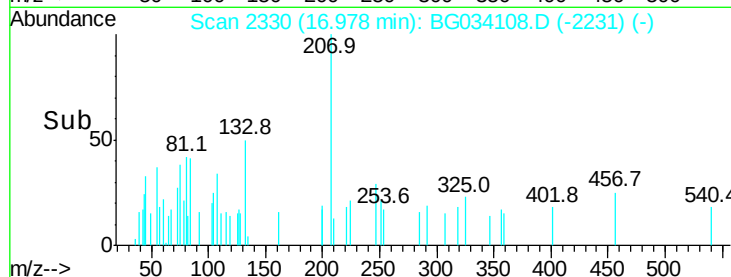
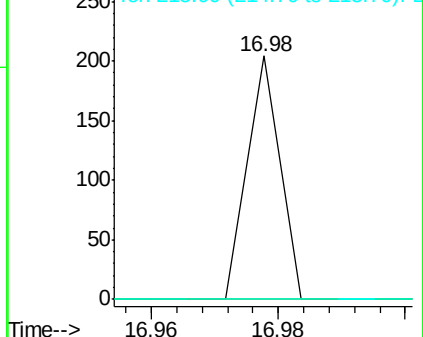
215 0.0 30.4 70.4#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 0.009 ng

RT: 17.10 min Scan# 2351

Delta R.T. -0.02 min

Lab File: BG034108.D

Acq: 2 May 2018 9:55

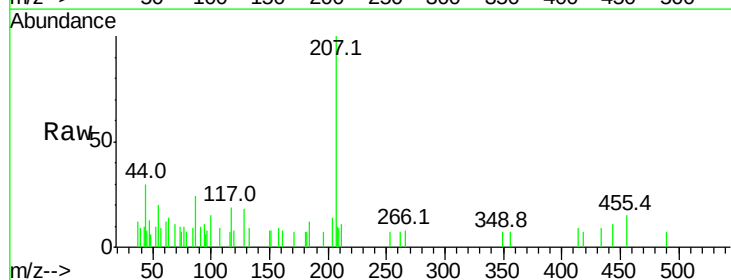
Tgt Ion:266 Resp: 66

Ion Ratio Lower Upper

266 100

268 0.0 51.1 76.7#

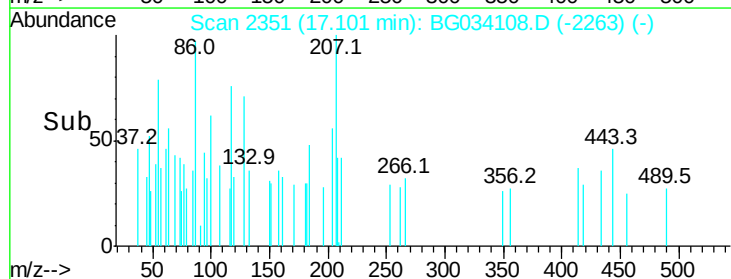
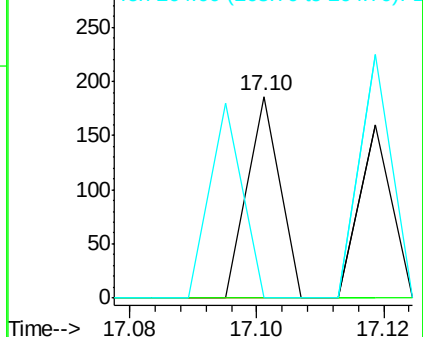
264 0.0 49.6 74.4#

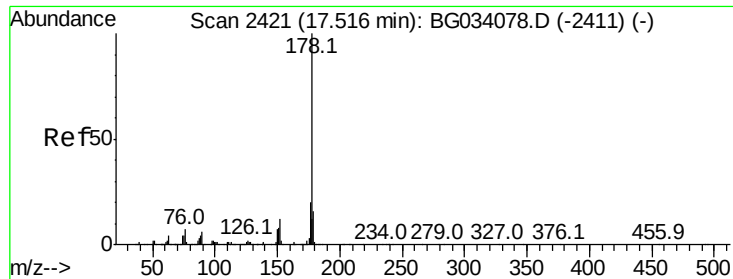


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 0.202 ng

RT: 17.51 min Scan# 2420

Delta R.T. -0.01 min

Lab File: BG034108.D

Acq: 2 May 2018 9:55

Instrument :

BNA_G

ClientSampleId :

OK-02-042718

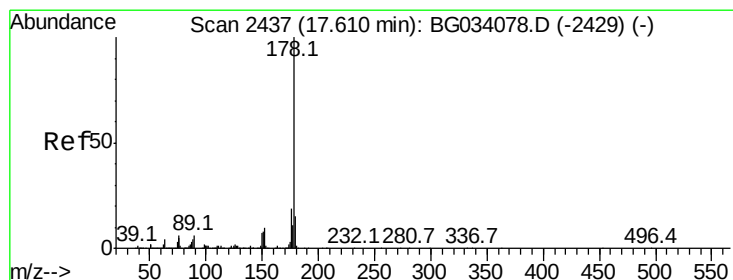
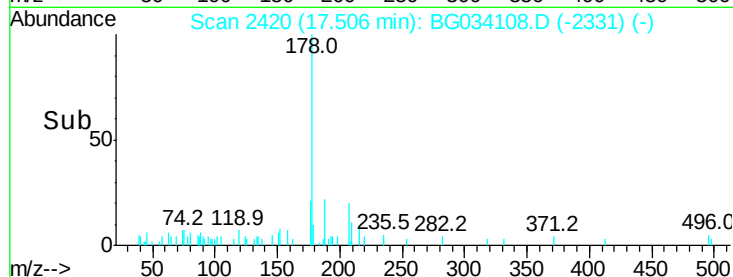
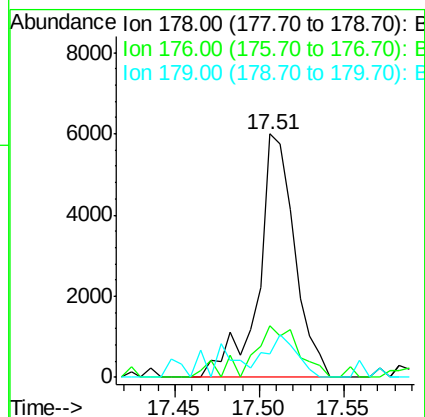
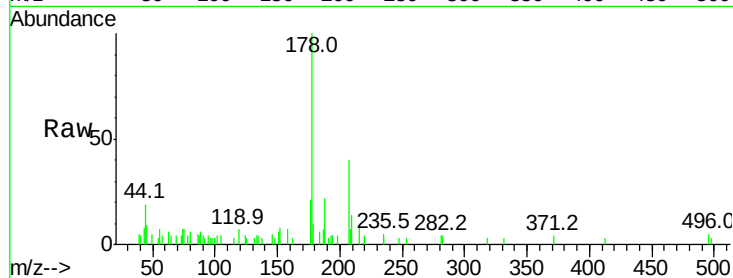
Tot Ion:178 Resp: 8915

Ion Ratio Lower Upper

178 100

176 21.1 15.7 23.5

179 9.9 12.5 18.7#



#71

Anthracene

Concen: 0.026 ng

RT: 17.60 min Scan# 2436

Delta R.T. -0.01 min

Lab File: BG034108.D

Acq: 2 May 2018 9:55

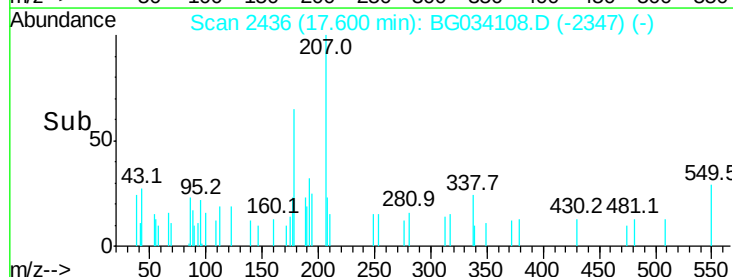
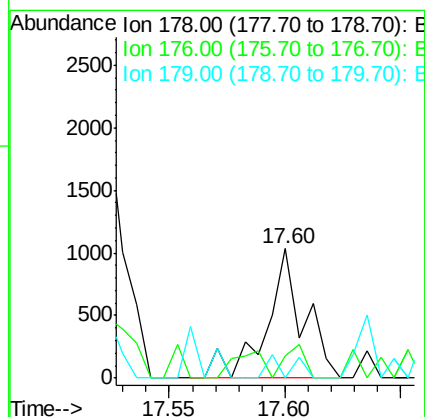
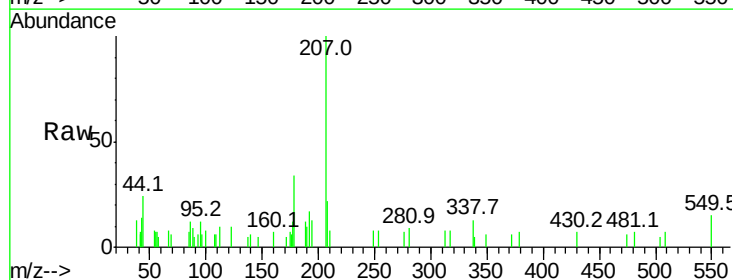
Tgt Ion:178 Resp: 1175

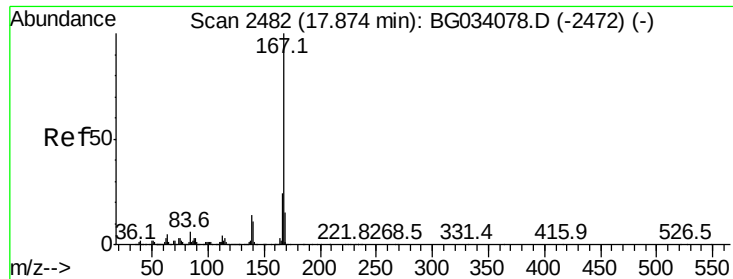
Ion Ratio Lower Upper

178 100

176 17.3 16.0 24.0

179 0.0 12.5 18.7#





#72

Carbazole

Concen: 0.011 ng

RT: 17.86 min Scan# 2480

Delta R.T. -0.02 min

Lab File: BG034108.D

Acq: 2 May 2018 9:55

Instrument :

BNA_G

ClientSampleId :

OK-02-042718

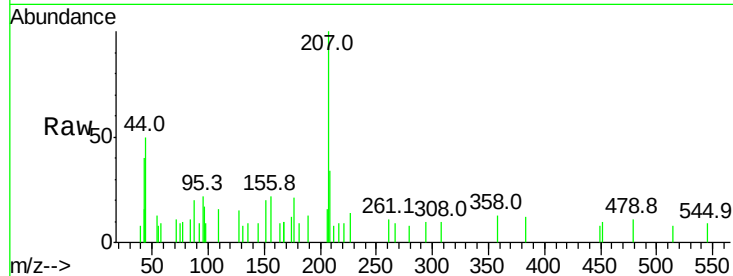
Tot Ion:167 Resp: 459

Ion Ratio Lower Upper

167 100

166 0.0 18.2 27.4#

139 0.0 9.4 14.2#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

600

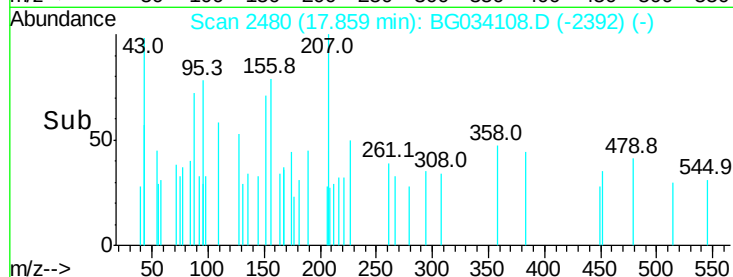
400

200

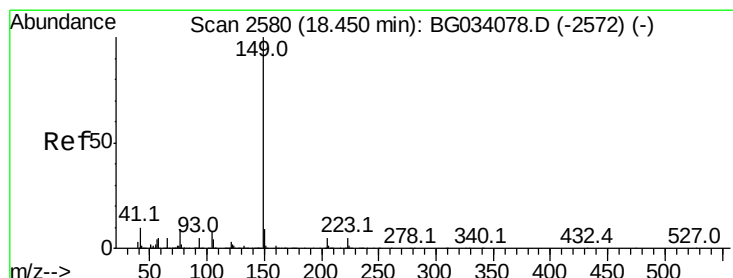
0

17.85 17.90

17.86



Time-->



#73

Di-n-butylphthalate

Concen: 0.030 ng

RT: 18.44 min Scan# 2579

Delta R.T. -0.01 min

Lab File: BG034108.D

Acq: 2 May 2018 9:55

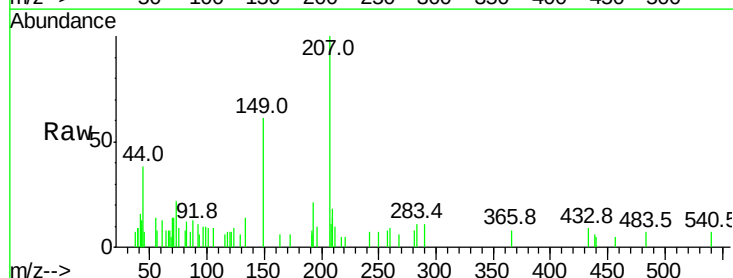
Tgt Ion:149 Resp: 1495

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.6#

104 0.0 3.9 5.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

2500

2000

1500

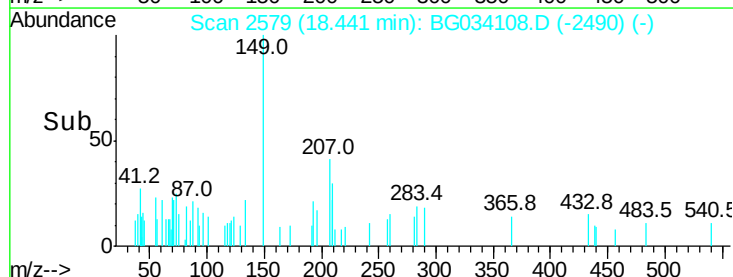
1000

500

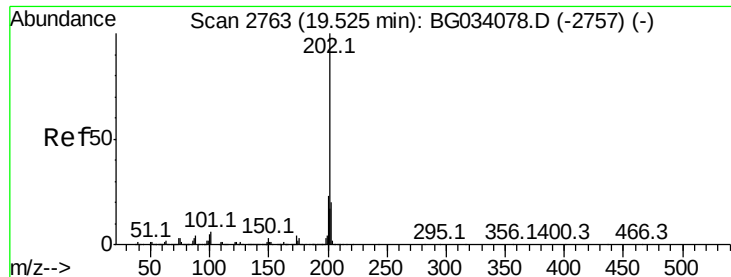
0

18.42 18.44 18.46

18.44



Time-->



#74

Fluoranthene

Concen: 0.026 ng

RT: 19.52 min Scan# 2762

Delta R.T. -0.01 min

Lab File: BG034108.D

Acq: 2 May 2018 9:55

Instrument :

BNA_G

ClientSampleId :

OK-02-042718

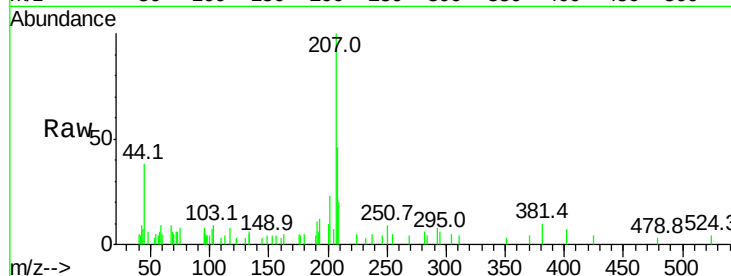
Tot Ion:202 Resp: 1443

Ion Ratio Lower Upper

202 100

101 0.0 0.0 28.9

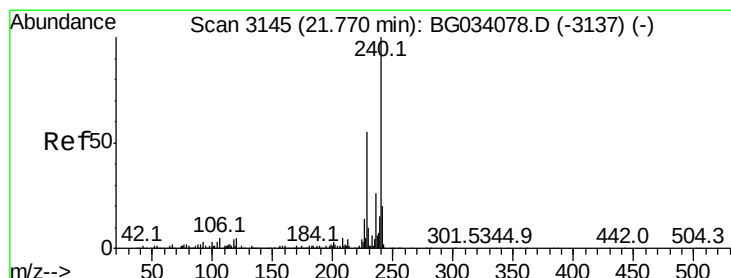
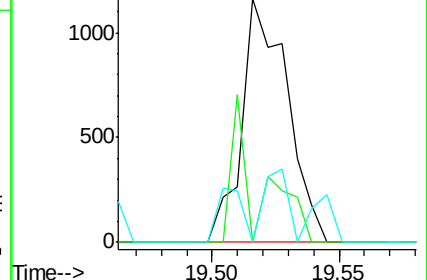
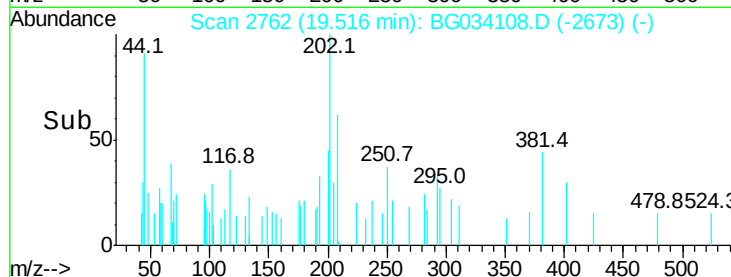
203 0.0 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.00 min

Lab File: BG034108.D

Acq: 2 May 2018 9:55

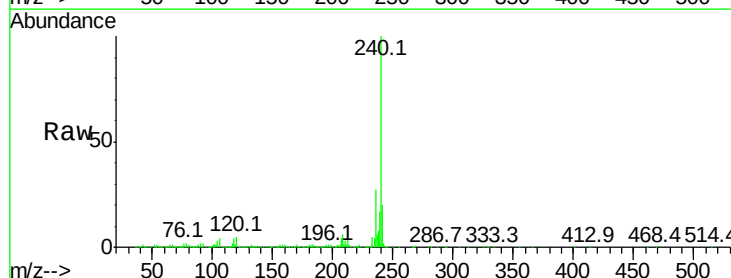
Tgt Ion:240 Resp: 1054320

Ion Ratio Lower Upper

240 100

120 4.9 6.8 10.2#

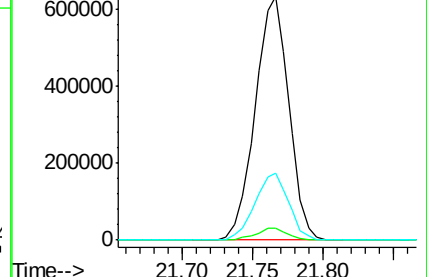
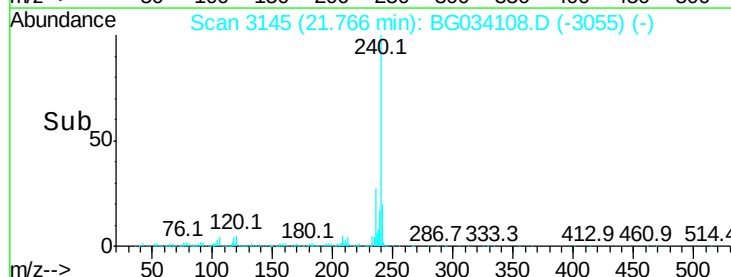
236 27.5 20.9 31.3

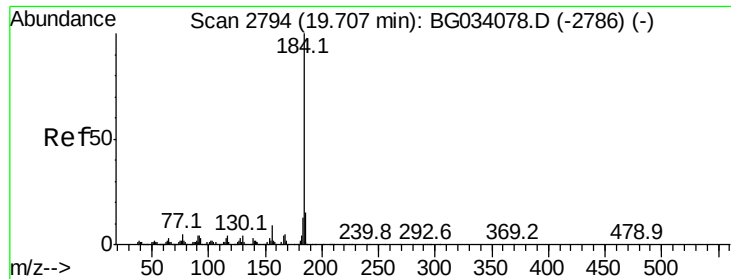


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 10.109 ng

RT: 19.70 min Scan# 2793

Delta R.T. -0.01 min

Lab File: BG034108.D

Acq: 2 May 2018 9:55

Instrument :

BNA_G

ClientSampleId :

OK-02-042718

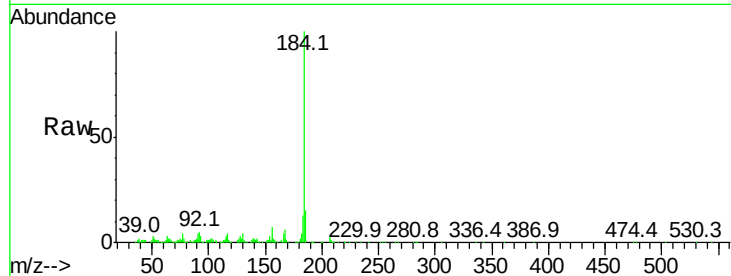
Tot Ion:184 Resp: 274530

Ion Ratio Lower Upper

184 100

185 15.0 11.1 16.7

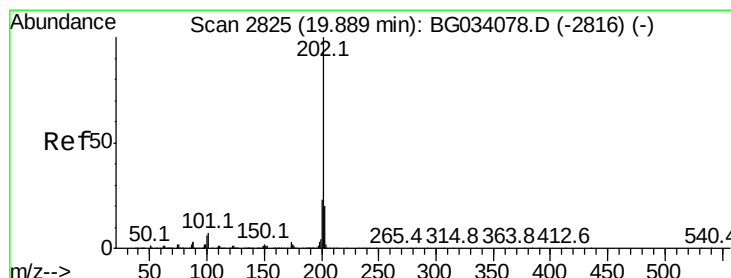
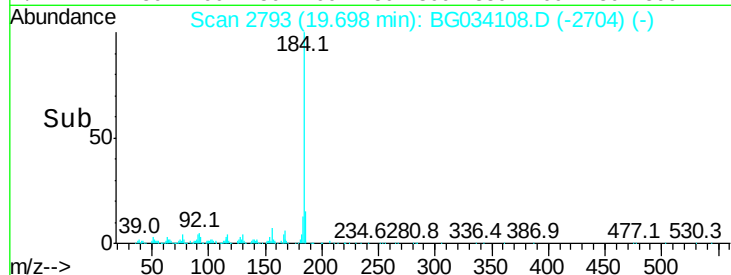
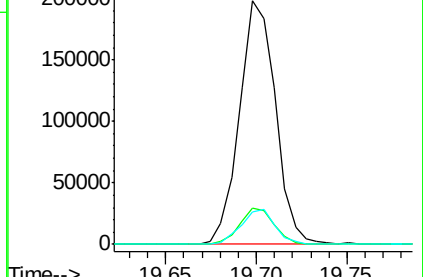
183 13.3 10.6 16.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 0.024 ng

RT: 19.89 min Scan# 2825

Delta R.T. -0.00 min

Lab File: BG034108.D

Acq: 2 May 2018 9:55

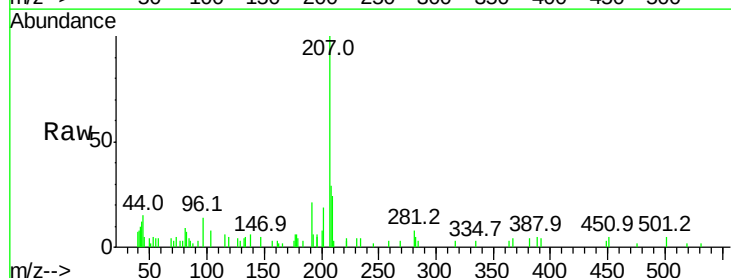
Tgt Ion:202 Resp: 1618

Ion Ratio Lower Upper

202 100

200 0.0 16.9 25.3#

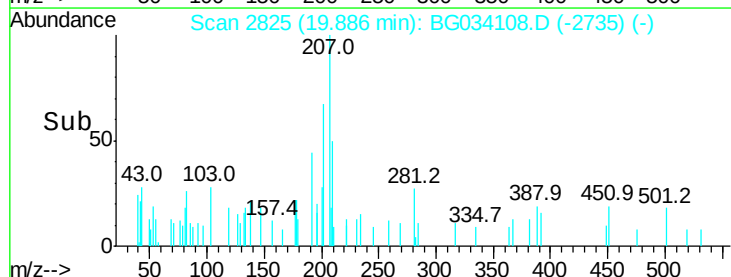
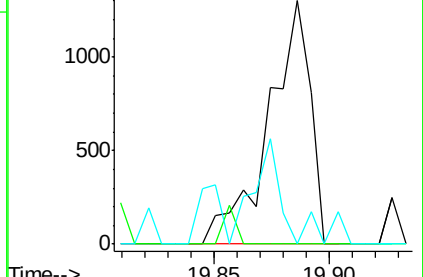
203 0.0 13.9 20.9#

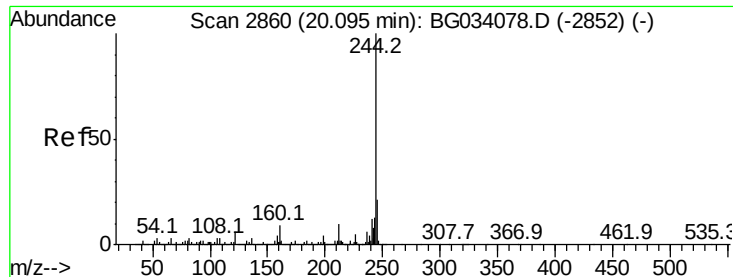


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 63.879 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.00 min

Lab File: BG034108.D

Acq: 2 May 2018 9:55

Instrument :

BNA_G

ClientSampleId :

OK-02-042718

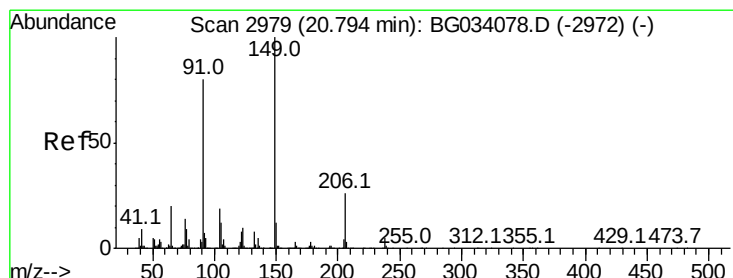
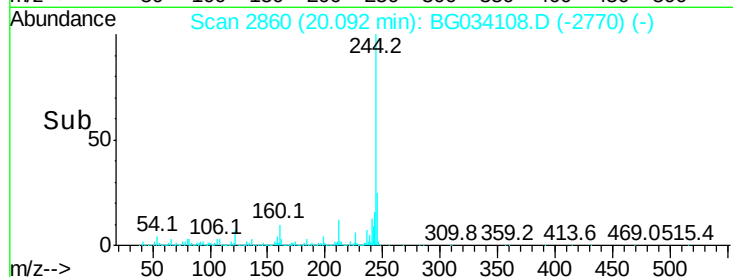
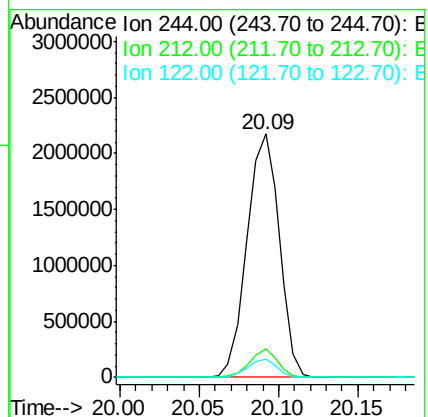
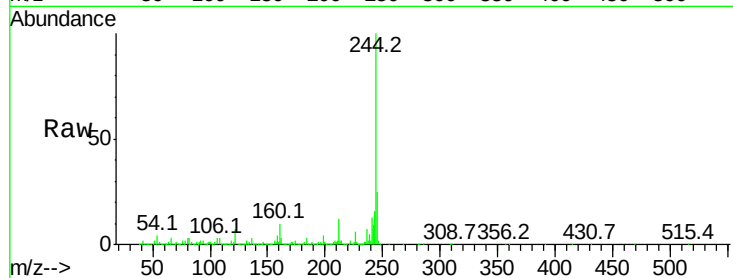
Tot Ion:244 Resp: 3074344

Ion Ratio Lower Upper

244 100

212 11.7 5.8 8.8#

122 7.3 7.0 10.4



#79

Butylbenzylphthalate

Concen: 0.012 ng

RT: 20.81 min Scan# 2983

Delta R.T. 0.02 min

Lab File: BG034108.D

Acq: 2 May 2018 9:55

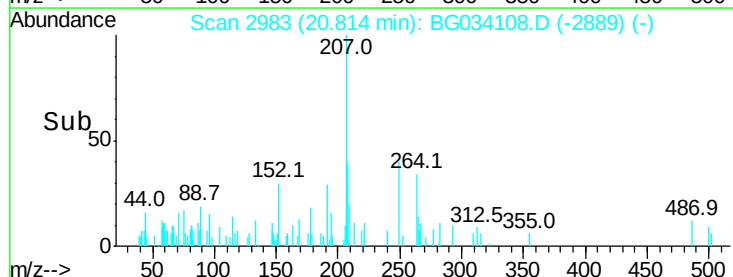
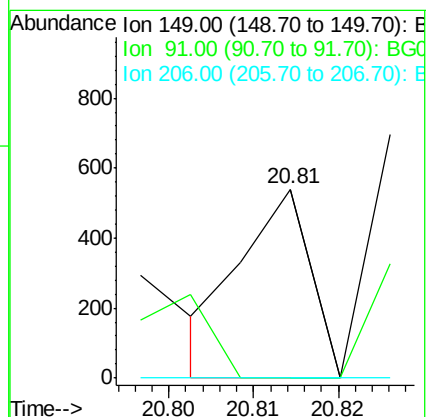
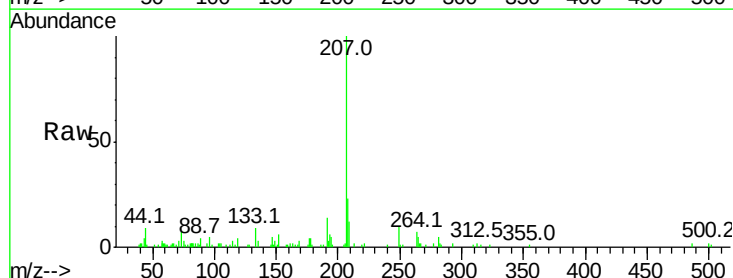
Tgt Ion:149 Resp: 306

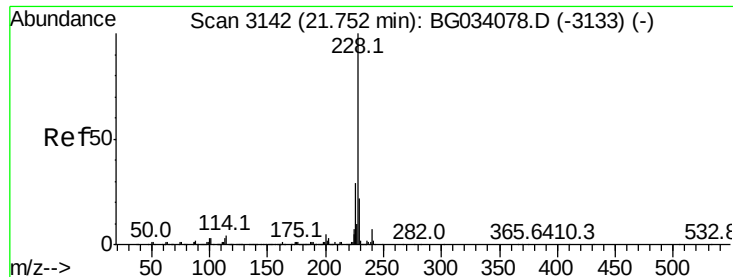
Ion Ratio Lower Upper

149 100

91 0.0 62.2 93.2#

206 0.0 18.6 27.8#





#80

Benzo(a)anthracene

Concen: 0.047 ng

RT: 21.77 min Scan# 3145

Delta R.T. 0.01 min

Lab File: BG034108.D

Acq: 2 May 2018 9:55

Instrument :

BNA_G

ClientSampleId :

OK-02-042718

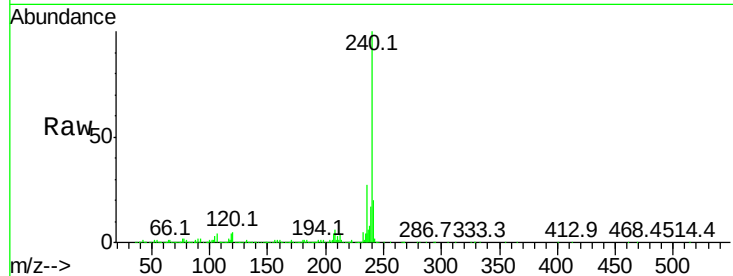
Tot Ion:228 Resp: 3205

Ion Ratio Lower Upper

228 100

226 21.9 22.7 34.1#

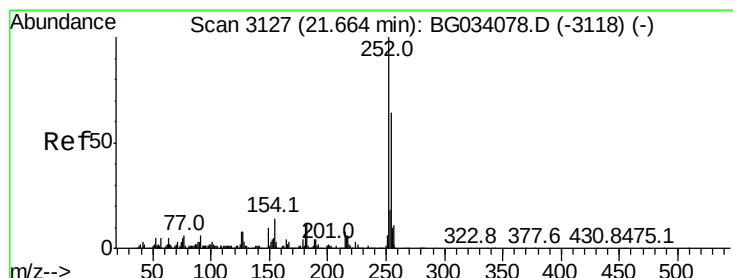
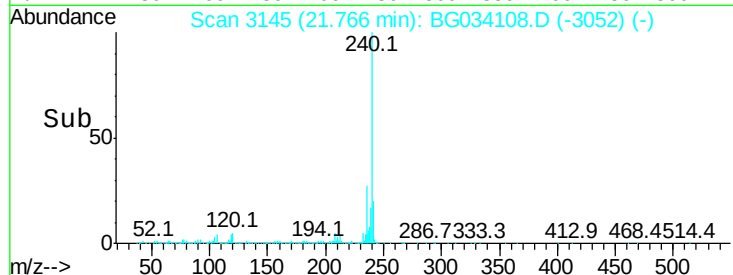
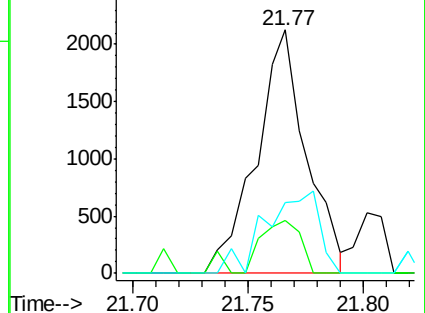
229 29.0 16.2 24.2#



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



#81

3,3'-Dichlorobenzidine

Concen: 0.005 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BG034108.D

Acq: 2 May 2018 9:55

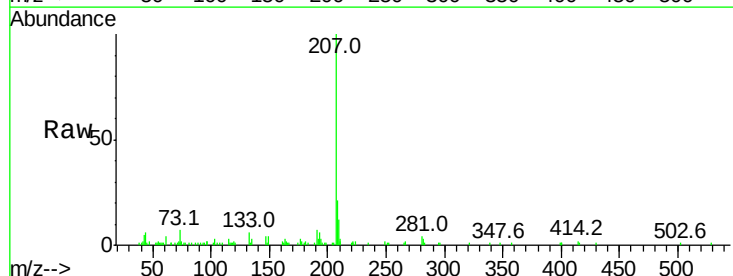
Tgt Ion:252 Resp: 139

Ion Ratio Lower Upper

252 100

254 0.0 50.8 76.2#

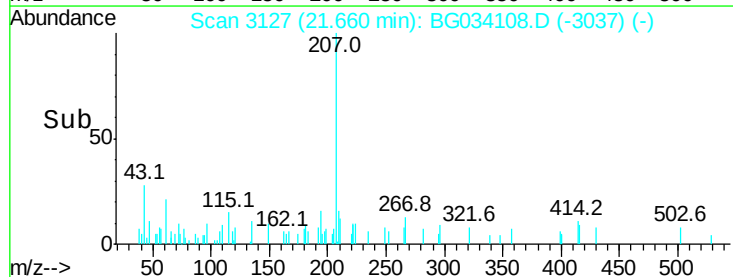
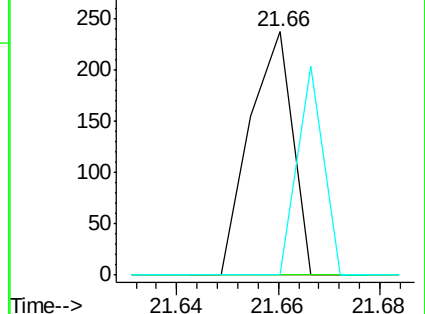
126 0.0 7.4 11.2#

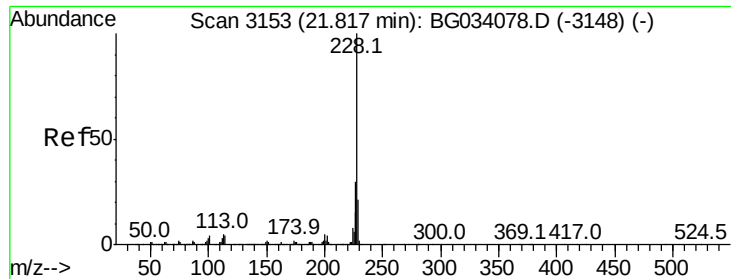


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 0.006 ng

RT: 21.80 min Scan# 3151

Delta R.T. -0.02 min

Lab File: BG034108.D

Acq: 2 May 2018 9:55

Instrument :

BNA_G

ClientSampleId :

OK-02-042718

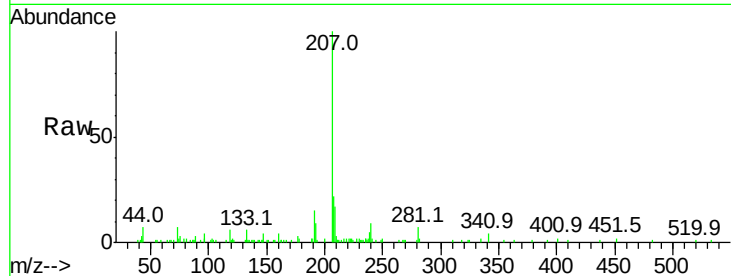
Tot Ion:228 Resp: 362

Ion Ratio Lower Upper

228 100

226 0.0 24.9 37.3#

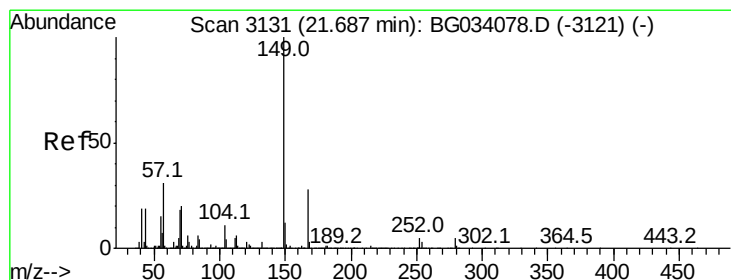
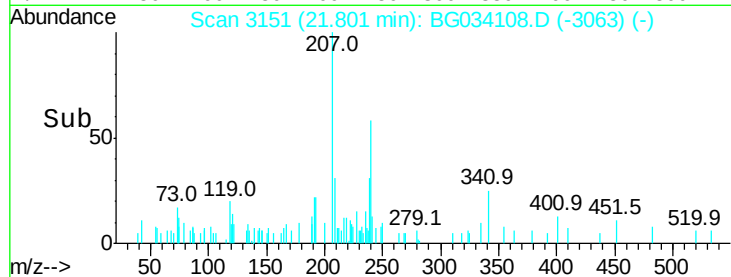
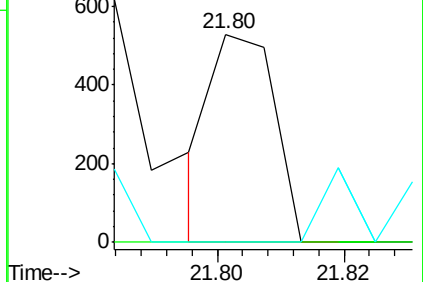
229 71.5 15.0 22.4#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.030 ng

RT: 21.65 min Scan# 3126

Delta R.T. -0.03 min

Lab File: BG034108.D

Acq: 2 May 2018 9:55

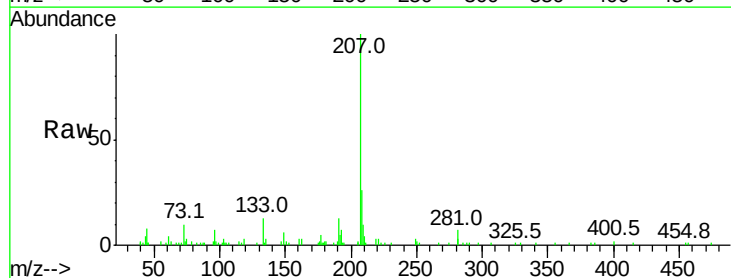
Tgt Ion:149 Resp: 1071

Ion Ratio Lower Upper

149 100

167 0.0 24.3 36.5#

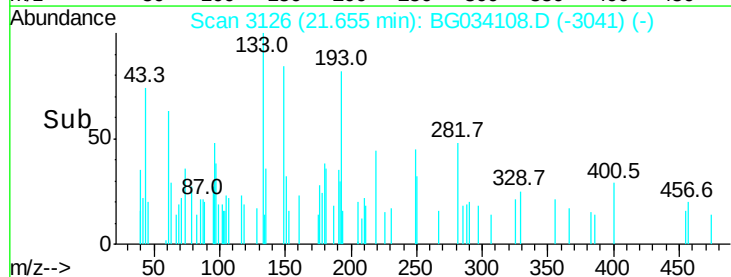
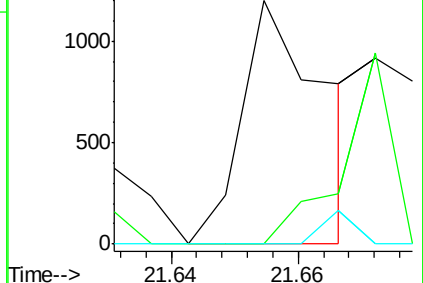
279 0.0 4.0 6.0#

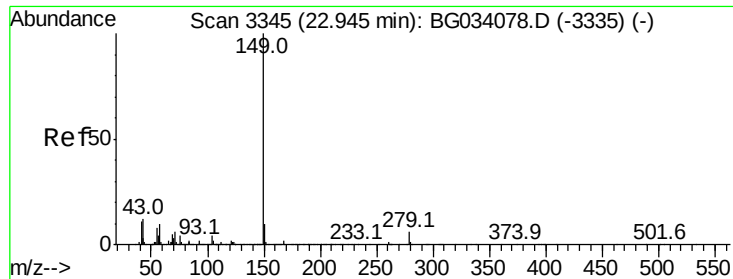


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 0.006 ng

RT: 22.93 min Scan# 3343

Delta R.T. -0.02 min

Lab File: BG034108.D

Acq: 2 May 2018 9:55

Instrument :

BNA_G

ClientSampleId :

OK-02-042718

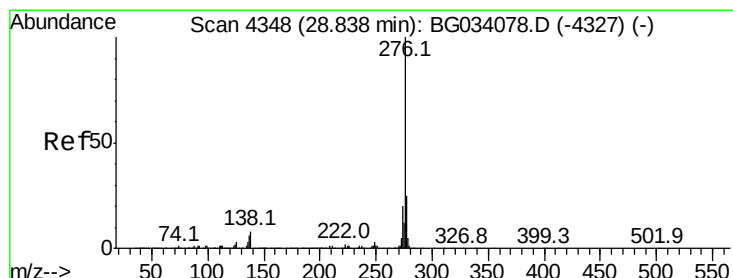
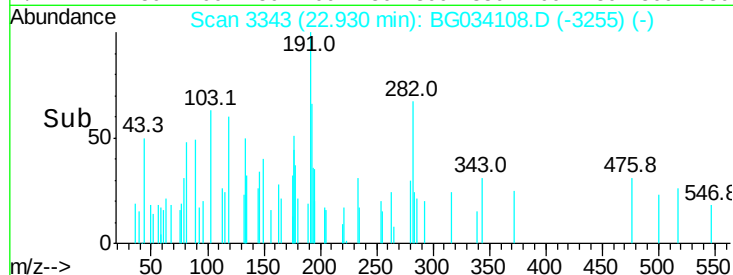
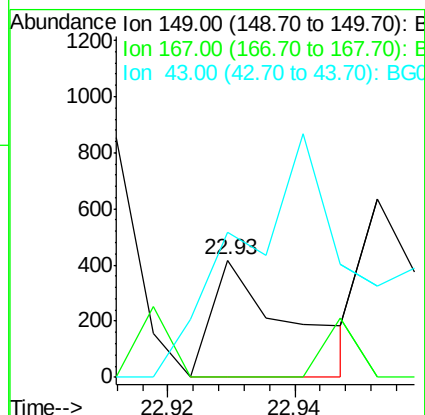
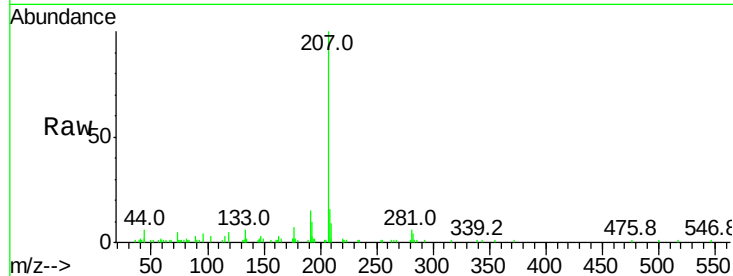
Tot Ion:149 Resp: 353

Ion Ratio Lower Upper

149 100

167 21.0 1.4 2.0#

43 274.5 8.9 13.3#



#85

Indeno(1,2,3-cd)pyrene

Concen: 0.002 ng

RT: 28.82 min Scan# 4345

Delta R.T. -0.02 min

Lab File: BG034108.D

Acq: 2 May 2018 9:55

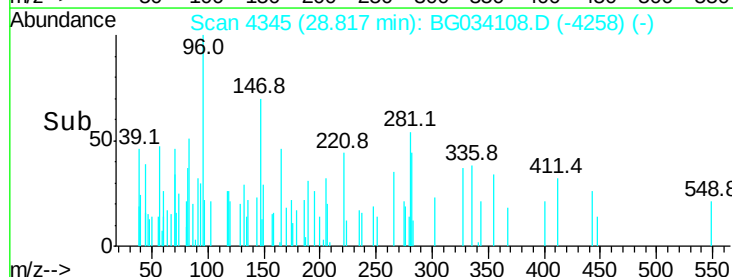
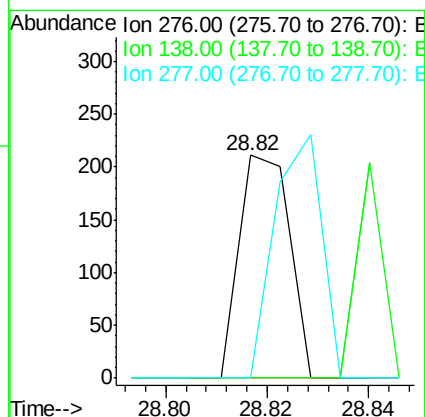
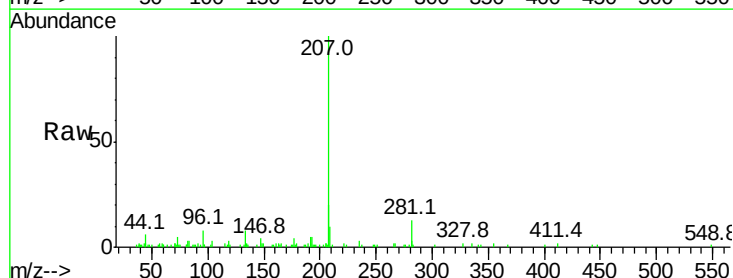
Tgt Ion:276 Resp: 145

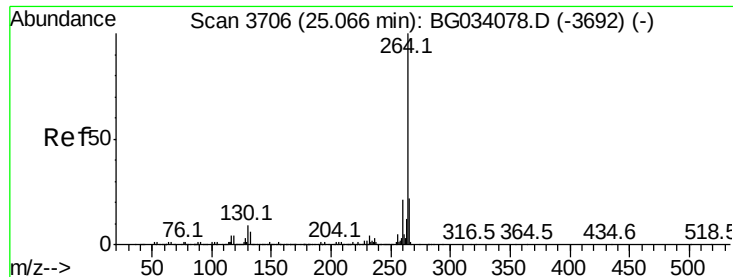
Ion Ratio Lower Upper

276 100

138 0.0 16.0 24.0#

277 0.0 20.0 30.0#





#86

Pervlene-d12

Concen: 20.000 ng

RT: 25.06 min Scan# 3706

Delta R.T. -0.00 min

Lab File: BG034108.D

Acq: 2 May 2018 9:55

Instrument :

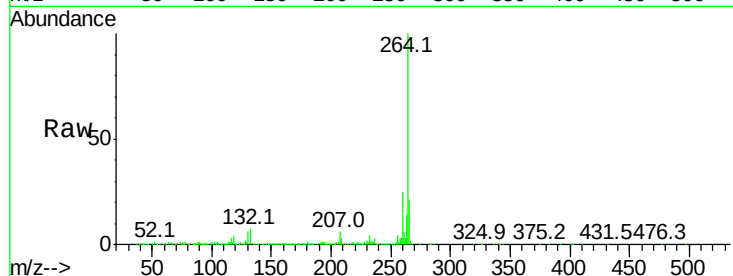
BNA_G

ClientSampleId :

OK-02-042718

Tot Ion:264 Resp: 1031784

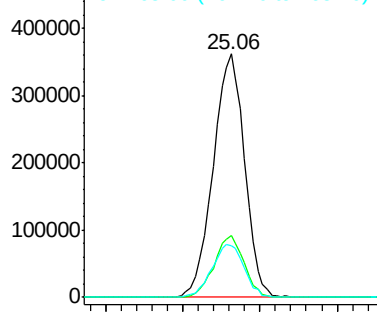
Ion	Ratio	Lower	Upper
264	100		
260	25.3	17.4	26.0
265	21.1	17.7	26.5



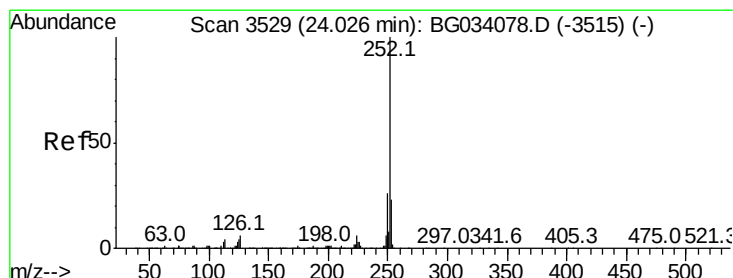
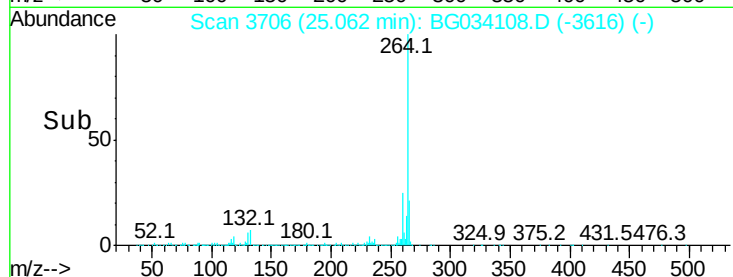
Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Time-->



#87

Benzo(b)fluoranthene

Concen: 0.004 ng

RT: 24.01 min Scan# 3527

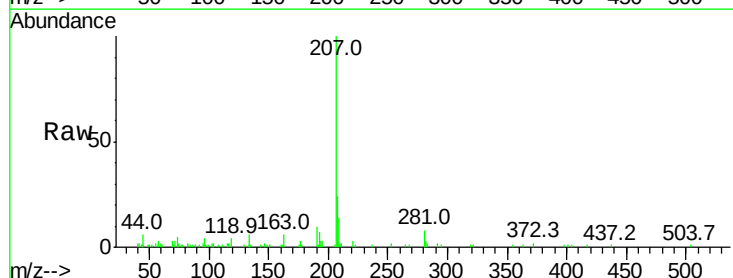
Delta R.T. -0.02 min

Lab File: BG034108.D

Acq: 2 May 2018 9:55

Tgt Ion:252 Resp: 245

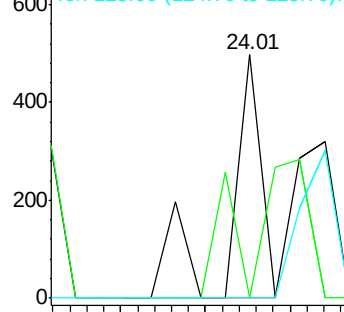
Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.2	27.4#
125	0.0	7.2	10.8#



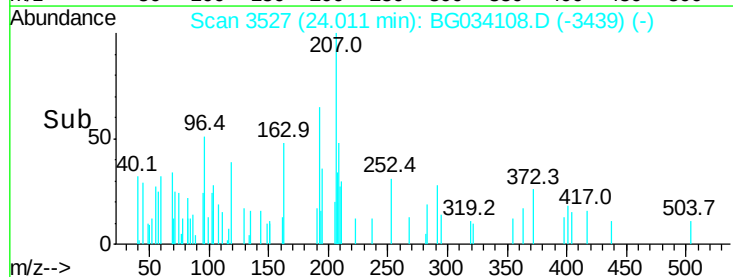
Abundance Ion 252.00 (251.70 to 252.70): E

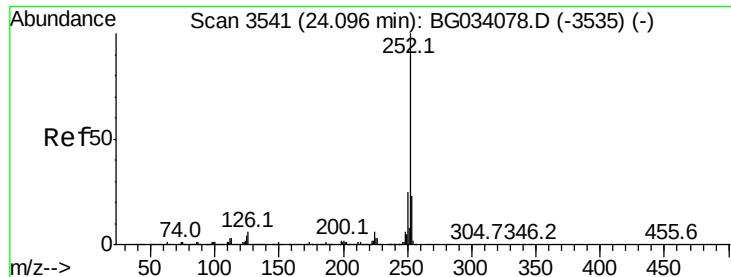
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->





#88

Benzo(k)fluoranthene

Concen: 0.001 ng

RT: 24.09 min Scan# 3541

Delta R.T. -0.00 min

Lab File: BG034108.D

Acq: 2 May 2018 9:55

Instrument :

BNA_G

ClientSampleId :

OK-02-042718

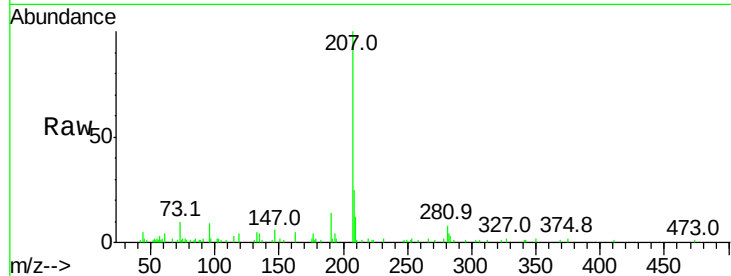
Tot Ion:252 Resp: 67

Ion Ratio Lower Upper

252 100

253 169.5 17.4 26.2#

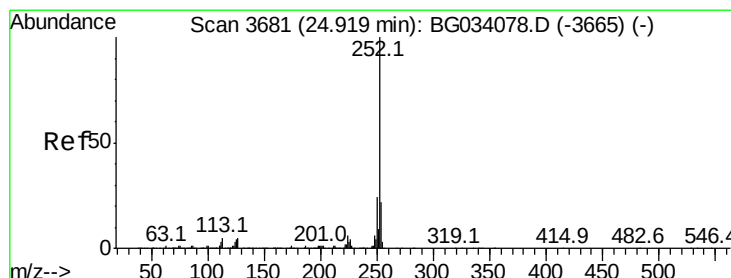
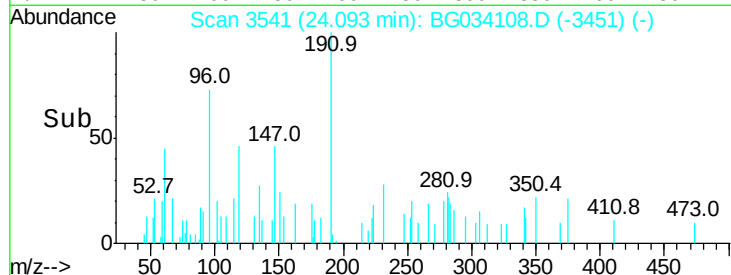
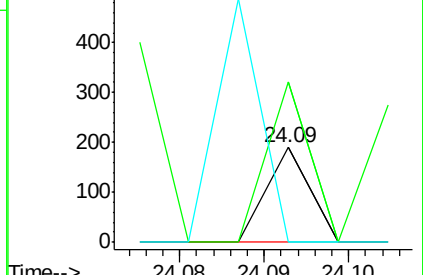
125 0.0 6.6 9.8#



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



#89

Benzo(a)pyrene

Concen: 0.005 ng

RT: 24.78 min Scan# 3658

Delta R.T. -0.14 min

Lab File: BG034108.D

Acq: 2 May 2018 9:55

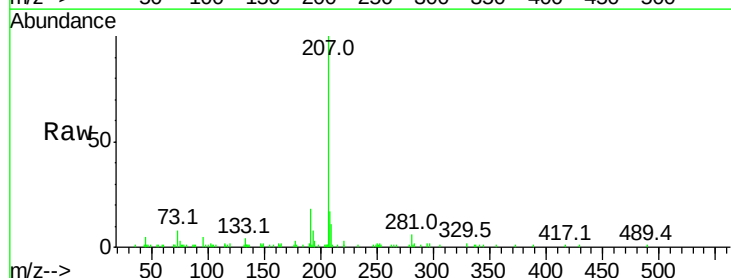
Tgt Ion:252 Resp: 279

Ion Ratio Lower Upper

252 100

253 0.0 18.3 27.5#

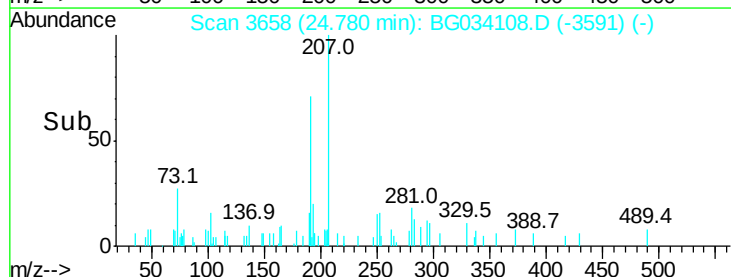
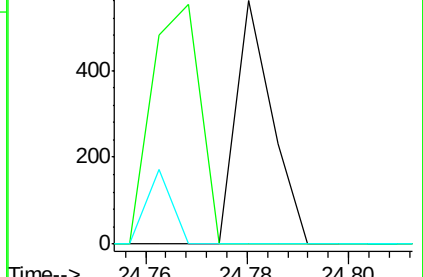
125 0.0 7.3 10.9#

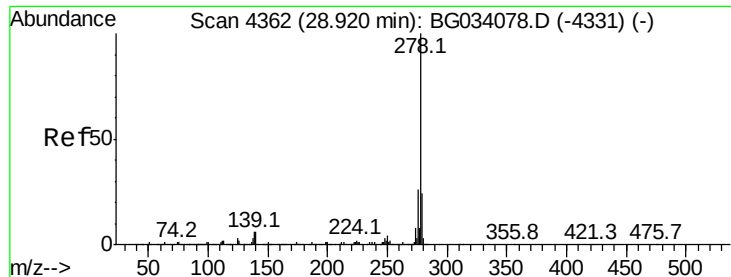


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 0.001 ng

RT: 28.95 min Scan# 4367

Delta R.T. 0.03 min

Lab File: BG034108.D

Acq: 2 May 2018 9:55

Instrument :

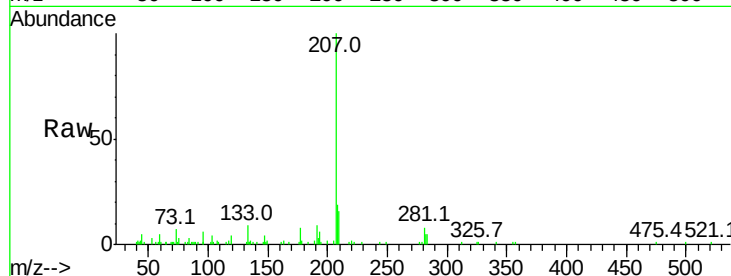
BNA_G

ClientSampleId :

OK-02-042718

Tot Ion:278 Resp: 66

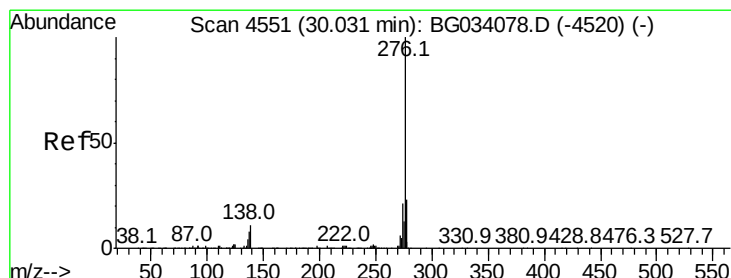
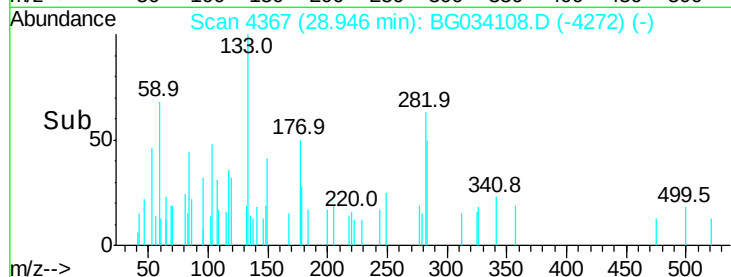
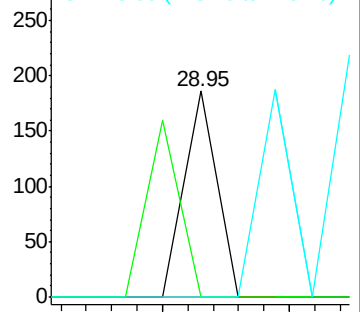
Ion	Ratio	Lower	Upper
278	100		
139	0.0	9.8	14.6#
279	0.0	18.4	27.6#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 0.001 ng

RT: 30.03 min Scan# 4551

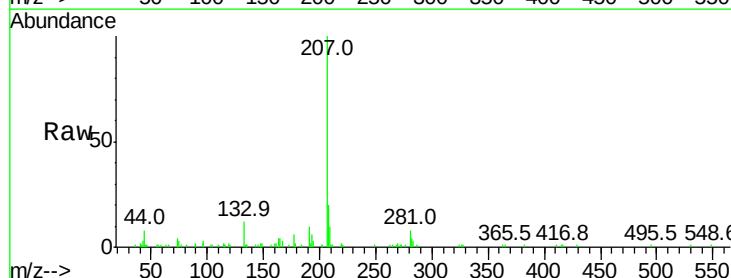
Delta R.T. -0.00 min

Lab File: BG034108.D

Acq: 2 May 2018 9:55

Tgt Ion:276 Resp: 53

Ion	Ratio	Lower	Upper
276	100		
277	0.0	18.3	27.5#
138	0.0	13.9	20.9#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

