

Data Path : U:\HPCHEM1\BNA G\DATA\BG012918\
 Data File : BG032419.D
 Acq On : 29 Jan 2018 18:03
 Operator : SJ/JU
 Sample : J1196-22
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 30 03:27:19 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	24233	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	103565	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	80829	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	220932	20.00	ng	0.00
75) Chrysene-d12	22.41	240	272557	20.00	ng	0.00
86) Perylene-d12	26.10	264	286401	20.00	ng	0.00

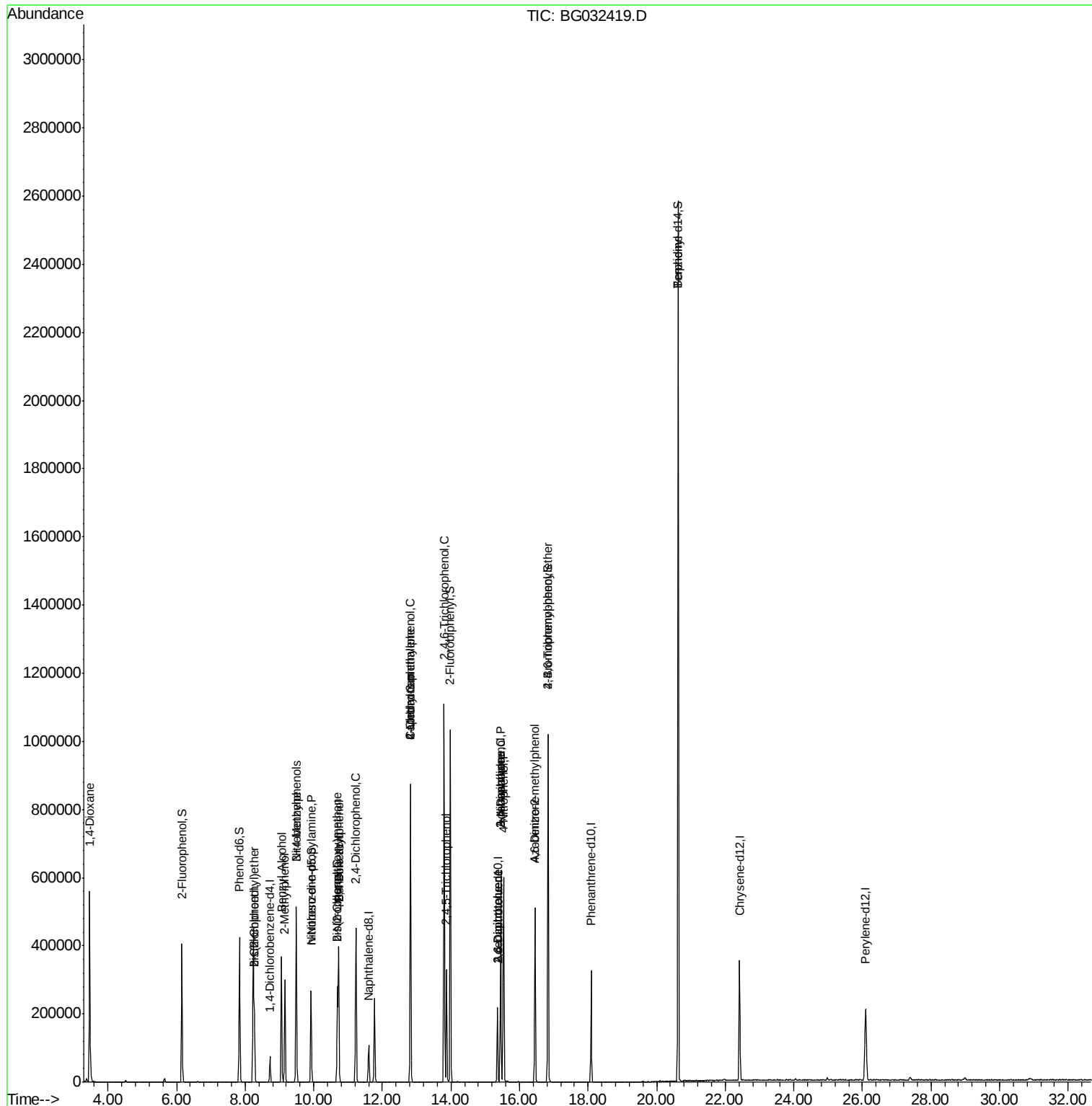
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	196940	163.23	ng	0.00
7) Phenol-d6	7.84	99	254851	158.30	ng	0.00
23) Nitrobenzene-d5	9.92	82	160957	97.07	ng	0.00
41) 2,4,6-Tribromophenol	16.84	330	238889	155.27	ng	0.00
44) 2-Fluorobiphenyl	13.99	172	606126	89.13	ng	0.00
78) Terphenyl-d14	20.63	244	1385885	108.92	ng	0.00

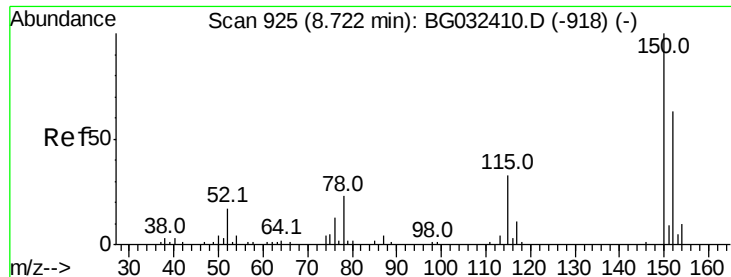
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.46	88	5523	13.606	ng	# 1
8) 2-Chlorophenol	8.27	128	93343	65.451	ng	# 80
11) bis(2-Chloroethyl)ether	8.27	93	2427	2.083	ng	# 1
15) Benzyl Alcohol	9.06	79	2974	2.241	ng	# 40
17) 2-Methylphenol	9.16	107	96361	77.602	ng	# 95
19) n-Nitroso-di-n-propylamine	9.92	70	23929	22.416	ng	# 79
20) 3+4-Methylphenols	9.49	107	254644	146.197	ng	# 96
24) Nitrobenzene	9.49	77	88915	55.456	ng	# 47
26) 2-Nitrophenol	10.69	139	102244	105.492	ng	# 79
27) 2,4-Dimethylphenol	10.73	122	130584	93.869	ng	# 94
28) bis(2-Chloroethoxy)methane	10.69	93	10849	7.008	ng	# 56
29) 2,4-Dichlorophenol	11.23	162	204061	110.731	ng	# 89
32) Benzoic acid	10.73	122	130584	114.022	ng	# 8
35) Caprolactam	12.82	113	11948	22.585	ng	# 1
36) 4-Chloro-3-methylphenol	12.82	107	308495	176.481	ng	# 88
37) 2-Methylnaphthalene	12.82	142	266888	62.805	ng	# 27
42) 2,4,6-Trichlorophenol	13.81	196	343342	166.925	ng	# 99
43) 2,4,5-Trichlorophenol	13.87	196	106915	44.590	ng	# 89
50) 2,6-Dinitrotoluene	15.36	165	9972	6.375	ng	# 20
51) Acenaphthene	15.45	154	123592	22.024	ng	# 5
52) 3-Nitroaniline	15.45	138	4341	3.177	ng	# 1
53) 2,4-Dinitrophenol	15.45	184	183287	182.186	ng	# 55
55) 4-Nitrophenol	15.54	139	175218	171.296	ng	# 74
56) 2,4-Dinitrotoluene	15.36	165	9972	4.477	ng	# 18
62) Azobenzene	16.45	77	26501	6.109	ng	# 1
64) 4,6-Dinitro-2-methylphenol	16.45	198	162638	98.538	ng	# 68
66) 4-Bromophenyl-phenylether	16.83	248	20231	6.181	ng	# 1
76) Benzidine	20.63	184	20499	3.830	ng	# 93

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

```
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Acq On    : 29 Jan 2018   18:03  
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Sample    : J1196-22  
Misc      :  
ALS Vial  : 14      Sample Multiplier: 1
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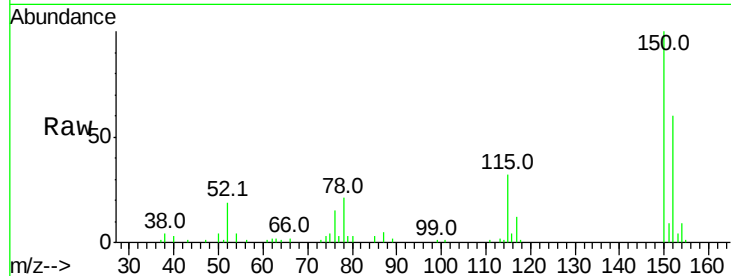


#1

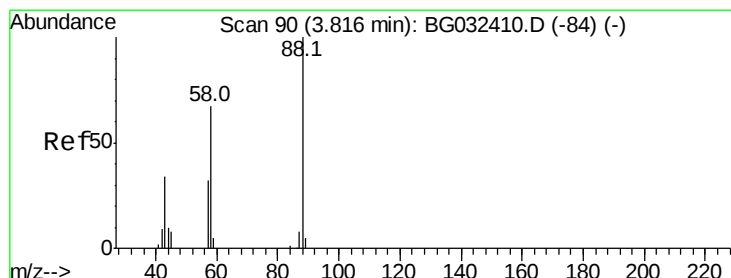
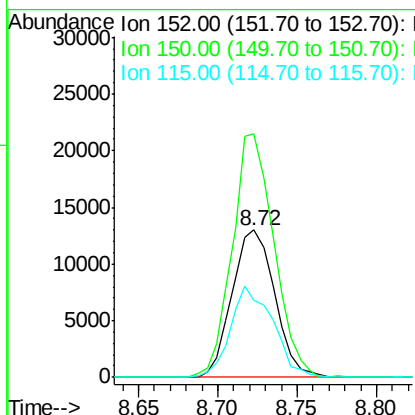
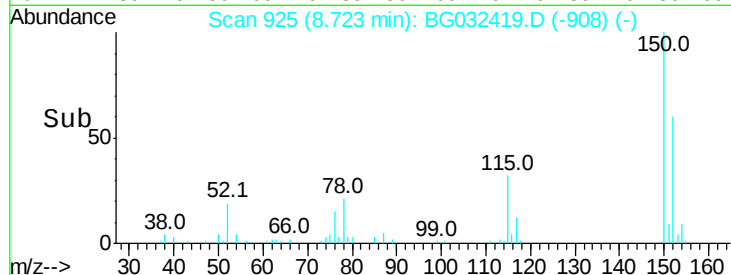
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 925
Delta R.T. 0.00 min
Lab File: BG032419.D
Acq: 29 Jan 2018 18:03

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 24233
Ion Ratio Lower Upper
152 100
150 165.3 126.6 189.8
115 52.9 53.0 79.4#



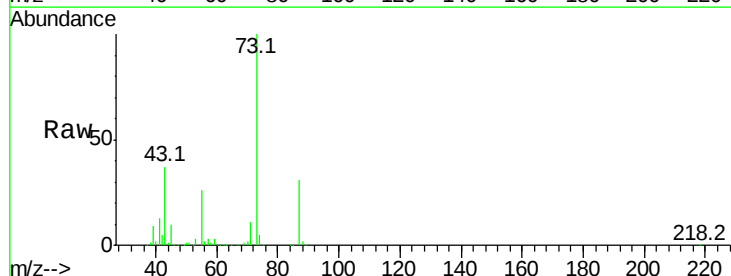
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



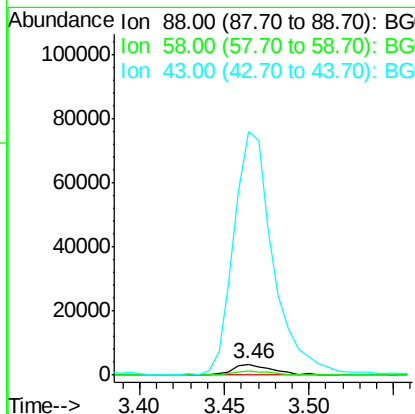
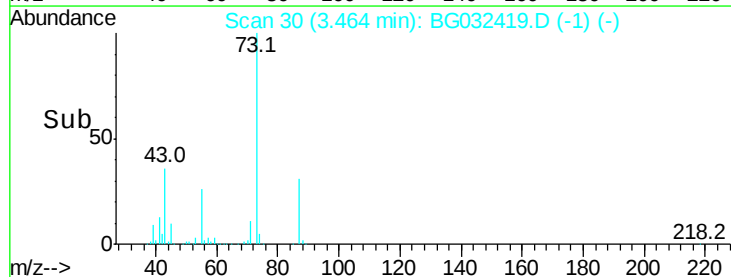
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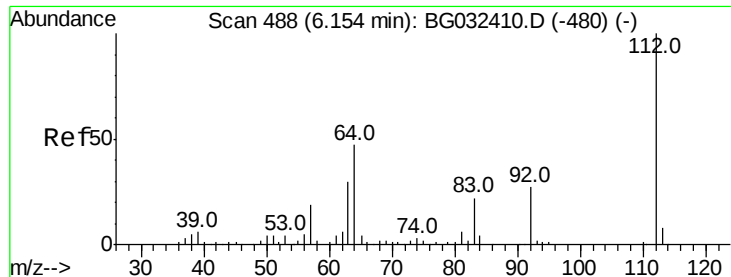
1,4-Dioxane
Concen: 13.606 ng
RT: 3.46 min Scan# 30
Delta R.T. -0.35 min
Lab File: BG032419.D
Acq: 29 Jan 2018 18:03

Tgt Ion: 88 Resp: 5523
Ion Ratio Lower Upper
88 100
58 33.3 79.6 119.4#
43 2280.1 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





#5

2-Fluorophenol

Concen: 163.234 ng

RT: 6.16 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG032419.D

Acq: 29 Jan 2018 18:03

Instrument :

BNA_G

ClientSampleId :

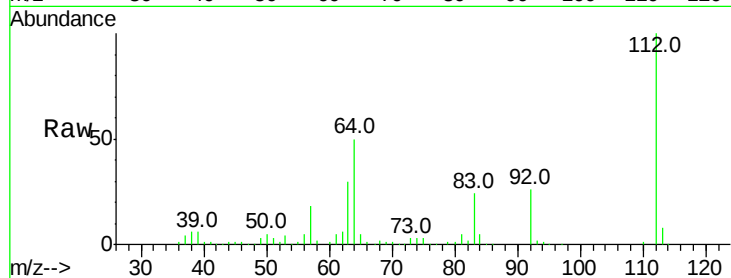
Tot Ion:112 Resp: 196940

Ion Ratio Lower Upper

112 100

64 50.2 56.3 84.5#

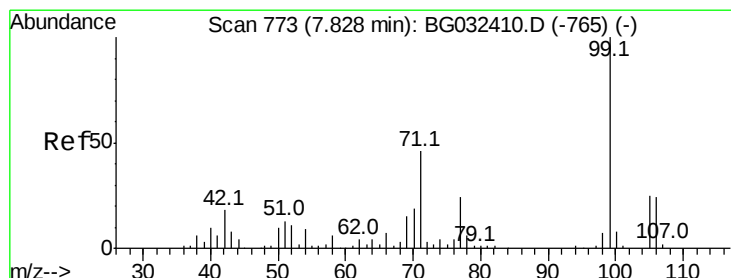
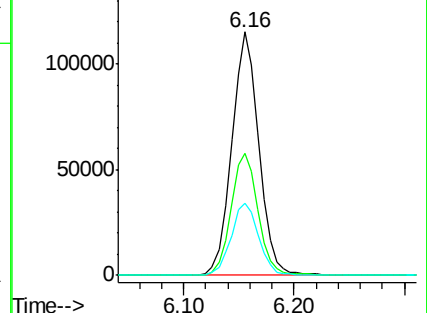
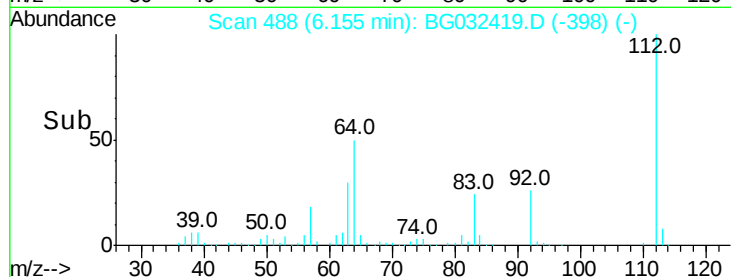
63 29.7 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 158.297 ng

RT: 7.84 min Scan# 774

Delta R.T. 0.01 min

Lab File: BG032419.D

Acq: 29 Jan 2018 18:03

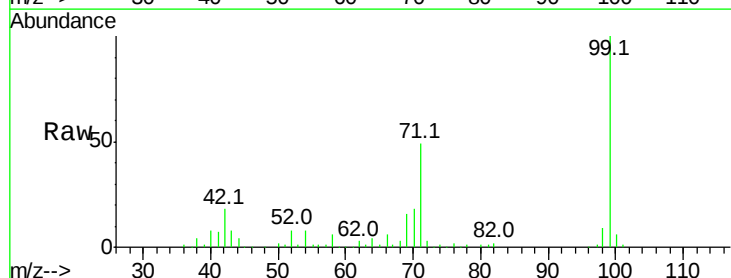
Tgt Ion: 99 Resp: 254851

Ion Ratio Lower Upper

99 100

42 18.1 14.1 21.1

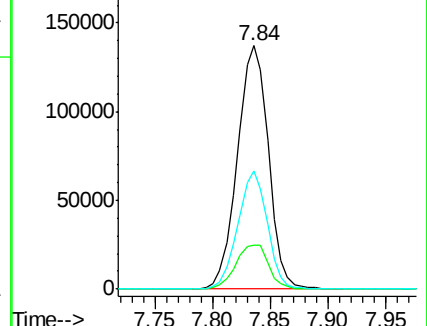
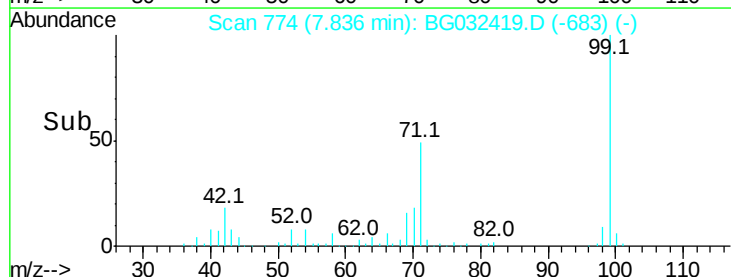
71 48.7 26.1 39.1#

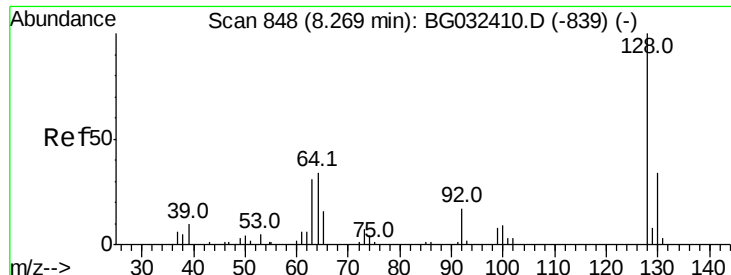


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC





#8

2-Chlorophenol

Concen: 65.451 ng

RT: 8.27 min Scan# 848

Delta R.T. 0.00 min

Lab File: BG032419.D

Acq: 29 Jan 2018 18:03

Instrument :

BNA_G

ClientSampleId :

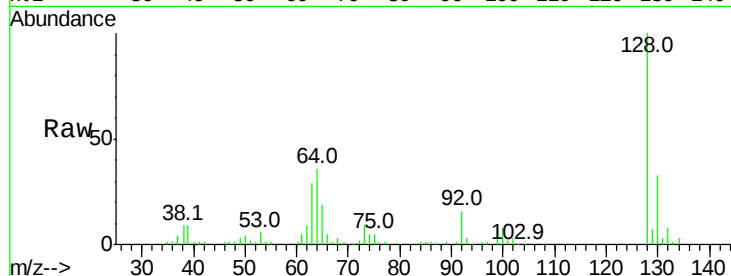
Tot Ion:128 Resp: 93343

Ion Ratio Lower Upper

128 100

130 32.7 14.0 54.0

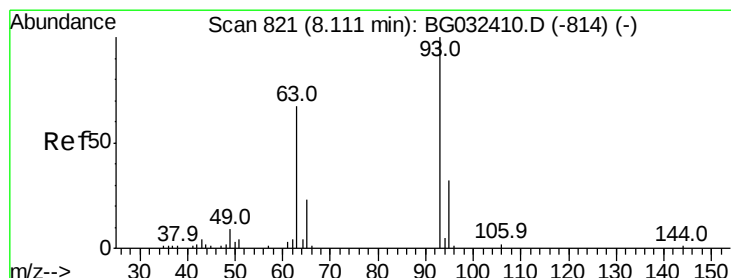
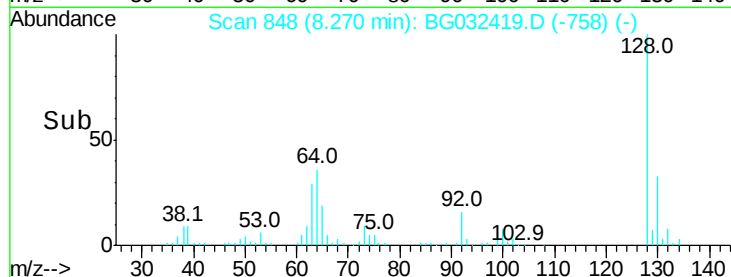
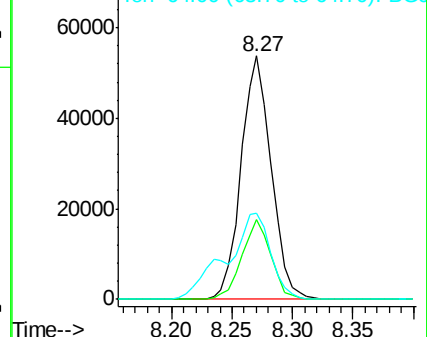
64 35.6 37.7 77.7#



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



#11

bis(2-Chloroethyl)ether

Concen: 2.083 ng

RT: 8.27 min Scan# 848

Delta R.T. 0.16 min

Lab File: BG032419.D

Acq: 29 Jan 2018 18:03

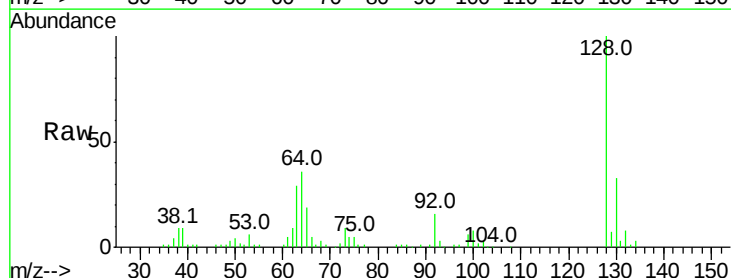
Tgt Ion: 93 Resp: 2427

Ion Ratio Lower Upper

93 100

63 1145.4 67.1 107.1#

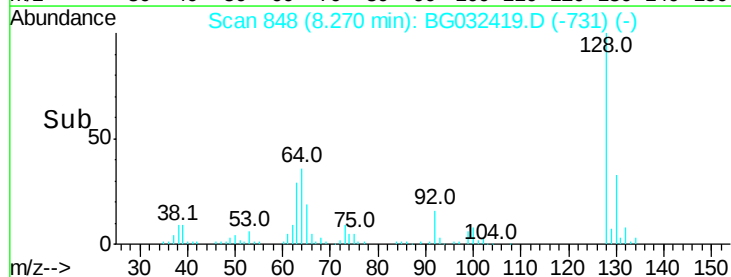
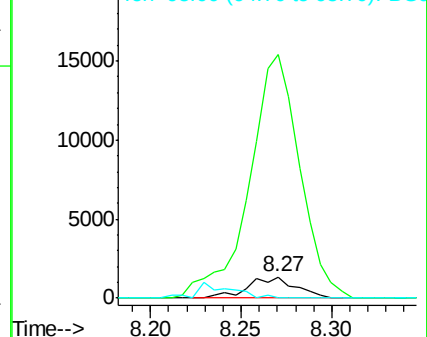
95 0.0 11.5 51.5#

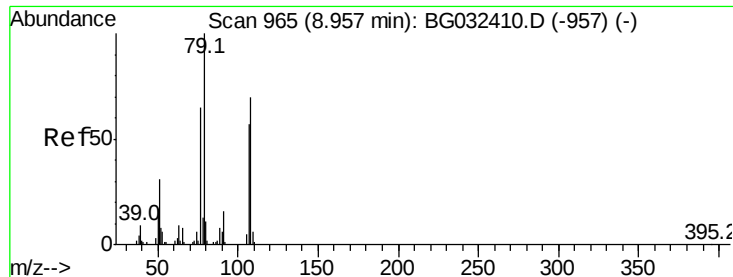


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC





#15

Benzyl Alcohol

Concen: 2.241 ng

RT: 9.06 min Scan# 983

Delta R.T. 0.11 min

Lab File: BG032419.D

Acq: 29 Jan 2018 18:03

Instrument :

BNA_G

ClientSampleId :

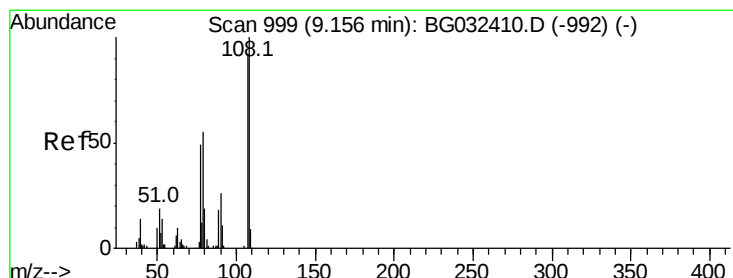
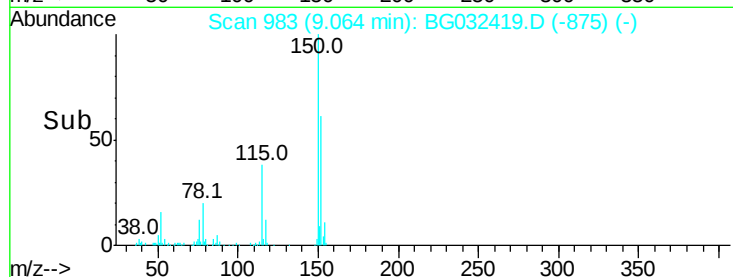
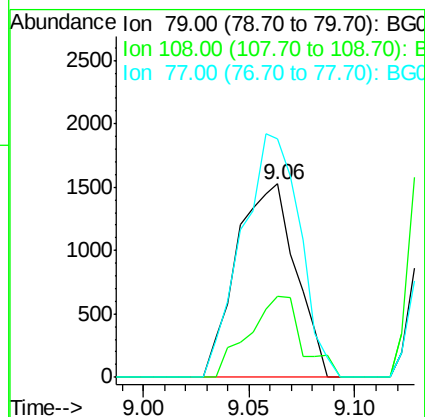
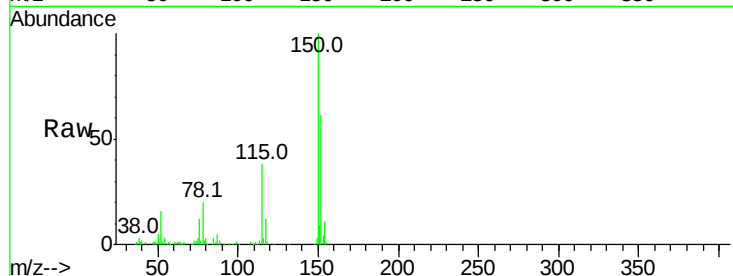
Tot Ion: 79 Resp: 2974

Ion Ratio Lower Upper

79 100

108 41.9 57.2 85.8#

77 123.7 46.1 69.1#



#17

2-Methylphenol

Concen: 77.602 ng

RT: 9.16 min Scan# 999

Delta R.T. 0.00 min

Lab File: BG032419.D

Acq: 29 Jan 2018 18:03

Tgt Ion: 107 Resp: 96361

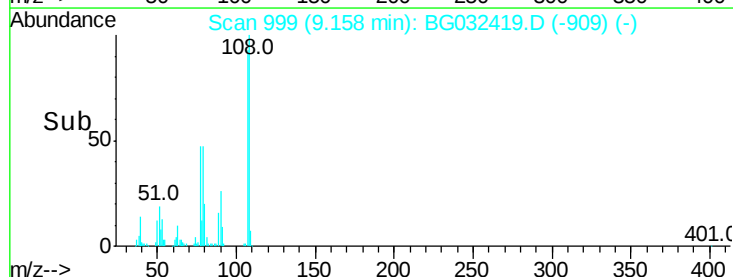
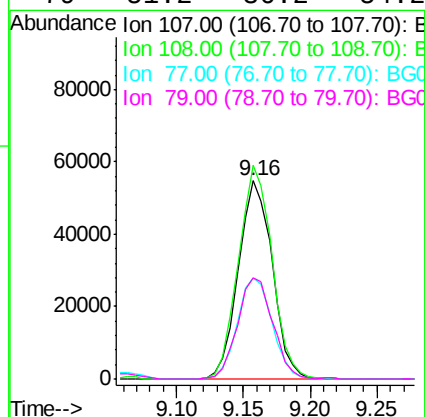
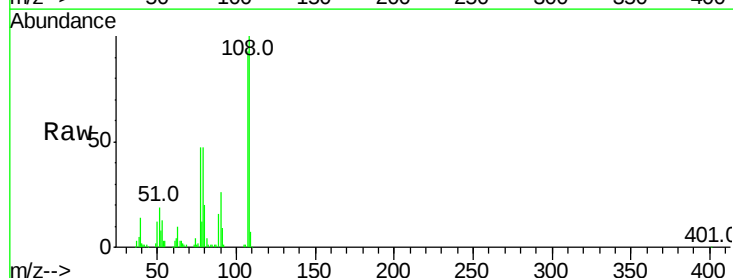
Ion Ratio Lower Upper

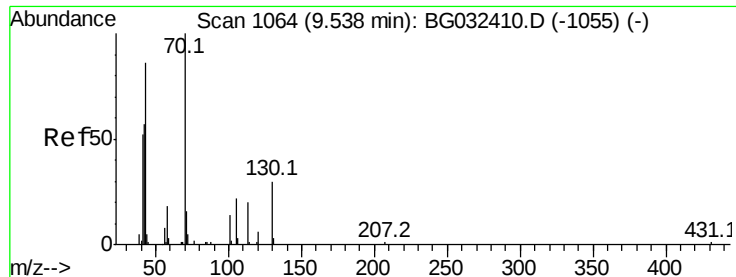
107 100

108 107.9 83.9 125.9

77 50.9 37.2 55.8

79 51.2 36.2 54.2





#19

n-Nitroso-di-n-propylamine

Concen: 22.416 ng

RT: 9.92 min Scan# 1129

Delta R.T. 0.38 min

Lab File: BG032419.D

Acq: 29 Jan 2018 18:03

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 23929

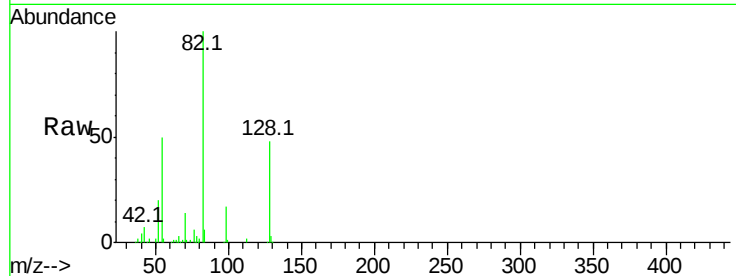
Ion Ratio Lower Upper

70 100

42 48.8 49.1 73.7#

101 0.0 8.5 12.7#

130 2.3 13.4 20.0#



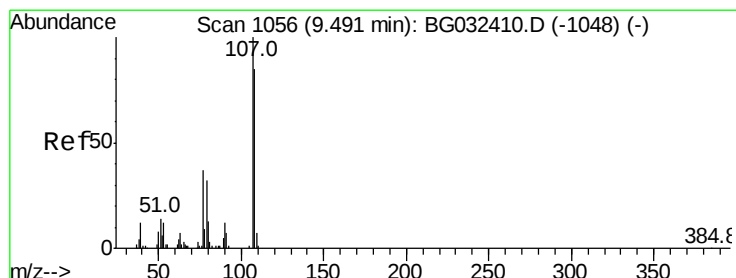
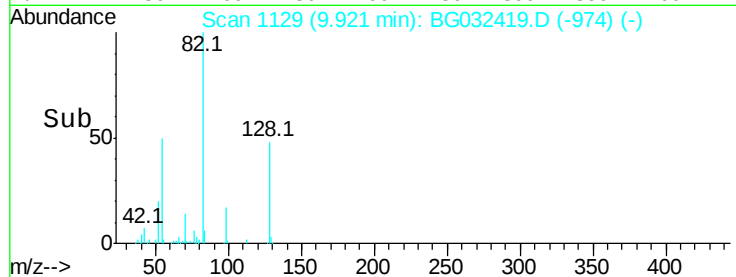
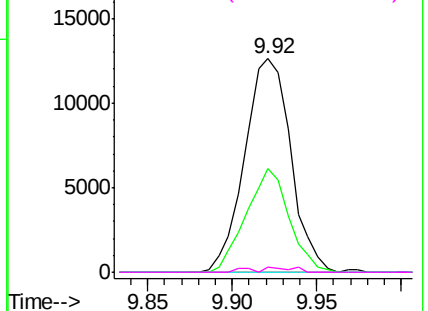
Abundance

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: 146.197 ng

RT: 9.49 min Scan# 1056

Delta R.T. 0.00 min

Lab File: BG032419.D

Acq: 29 Jan 2018 18:03

Tgt Ion: 107 Resp: 254644

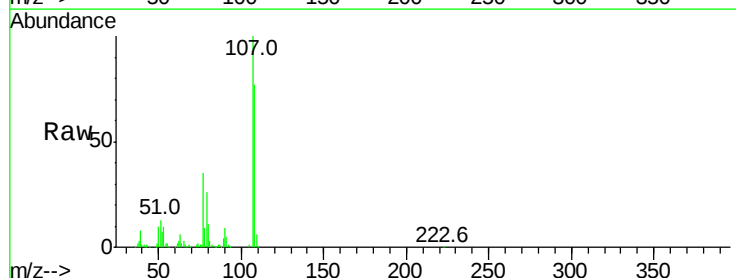
Ion Ratio Lower Upper

107 100

108 77.0 61.6 101.6

77 35.0 13.9 53.9

79 26.3 8.8 48.8



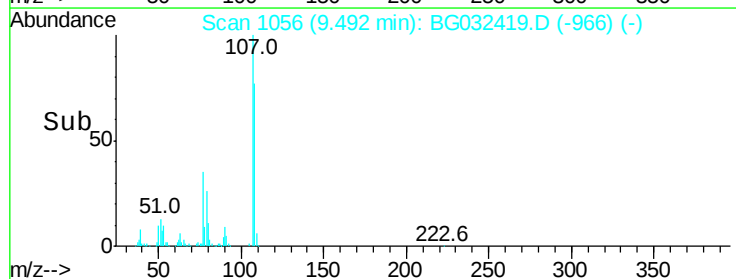
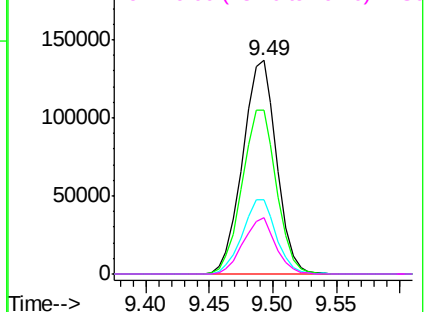
Abundance

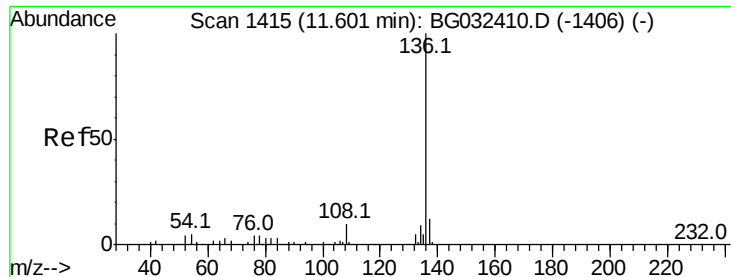
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.60 min Scan# 1415

Delta R.T. 0.00 min

Lab File: BG032419.D

Acq: 29 Jan 2018 18:03

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 103565

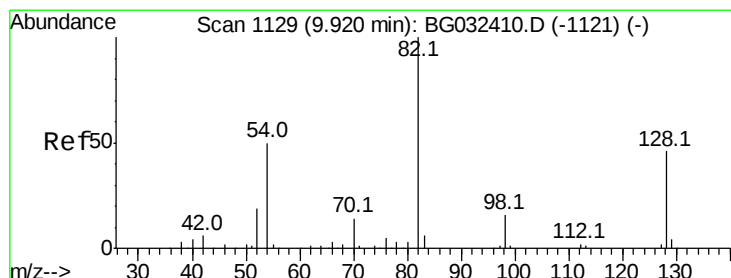
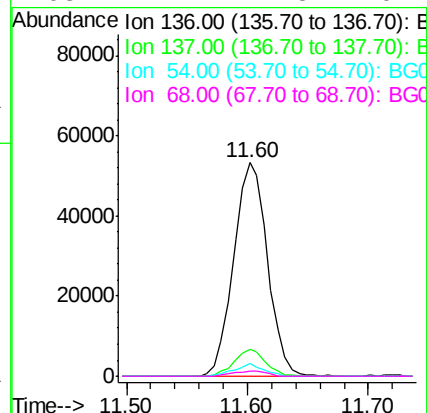
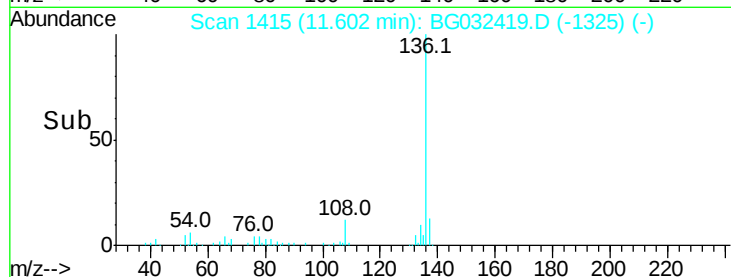
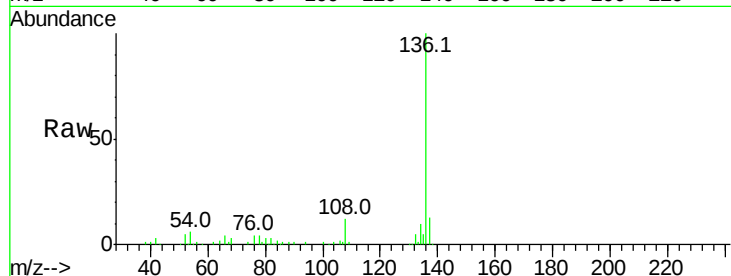
Ion Ratio Lower Upper

136 100

137 12.8 9.2 13.8

54 6.1 10.3 15.5#

68 2.7 4.5 6.7#



#23

Nitrobenzene-d5

Concen: 97.074 ng

RT: 9.92 min Scan# 1129

Delta R.T. 0.00 min

Lab File: BG032419.D

Acq: 29 Jan 2018 18:03

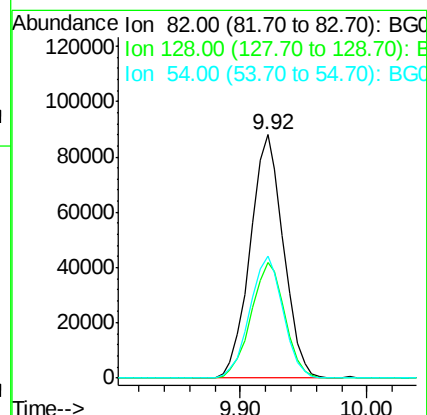
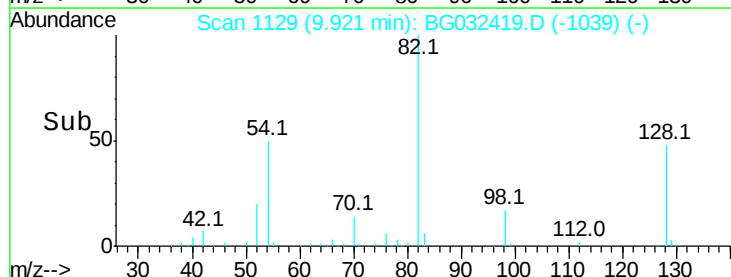
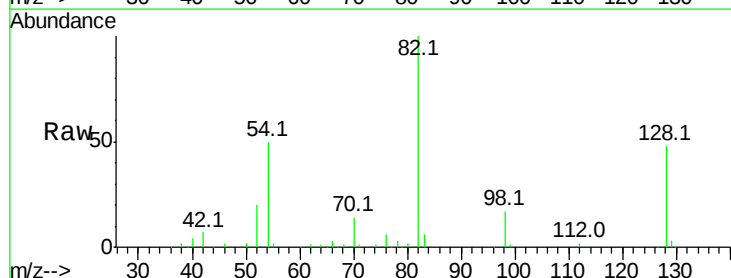
Tgt Ion: 82 Resp: 160957

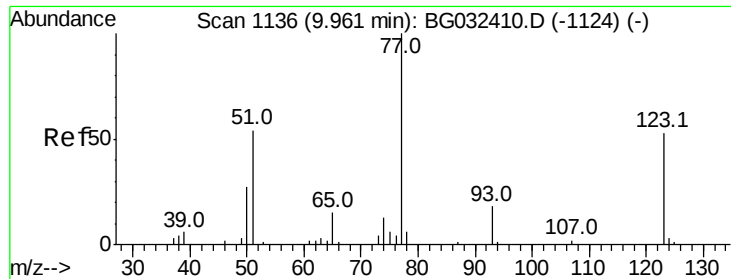
Ion Ratio Lower Upper

82 100

128 47.7 29.7 44.5#

54 50.2 43.1 64.7

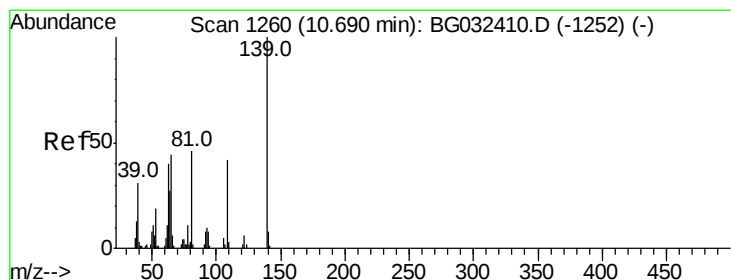
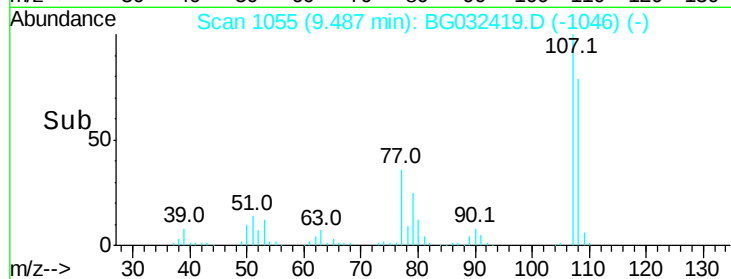
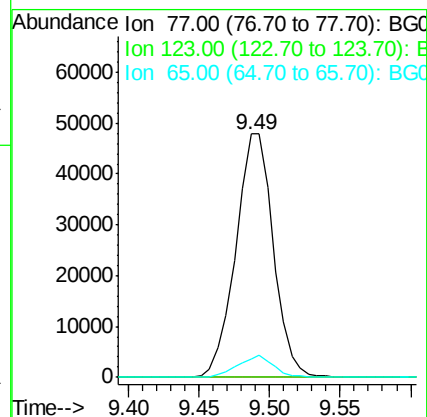
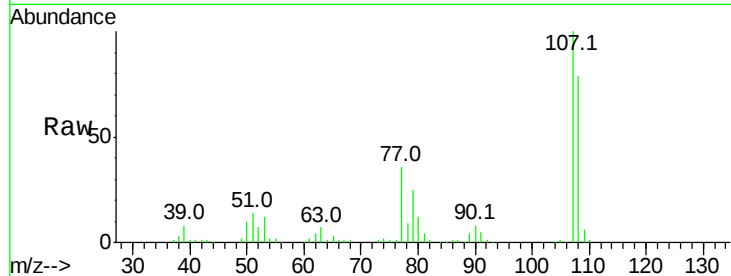




#24
Nitrobenzene
Concen: 55.456 ng
RT: 9.49 min Scan# 1055
Delta R.T. -0.47 min
Lab File: BG032419.D
Acq: 29 Jan 2018 18:03

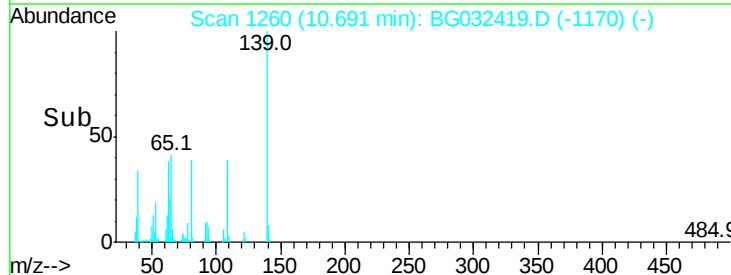
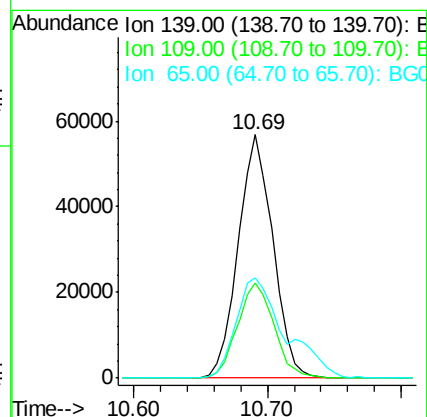
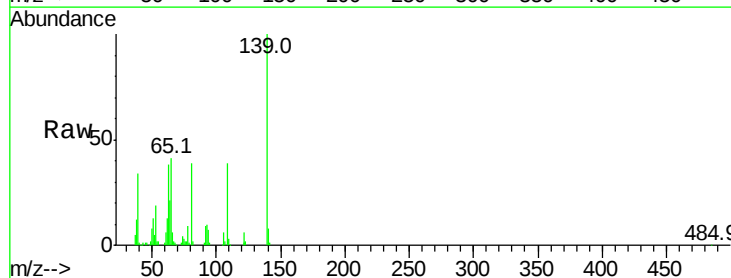
Instrument :
BNA_G
ClientSampleId :

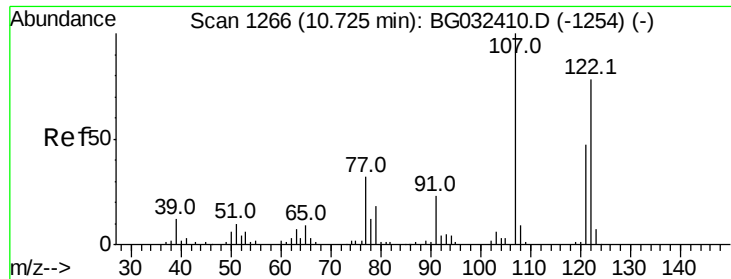
Tot Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.0	49.6#
65	7.8	13.0	19.6#



#26
2-Nitrophenol
Concen: 105.492 ng
RT: 10.69 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BG032419.D
Acq: 29 Jan 2018 18:03

Tgt Ion	Ratio	Lower	Upper
139	100		
109	39.0	24.2	36.2#
65	41.4	47.4	71.0#

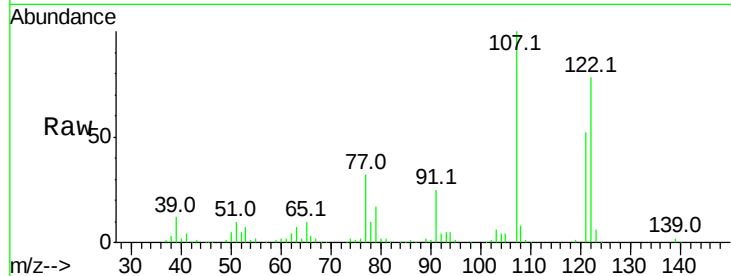




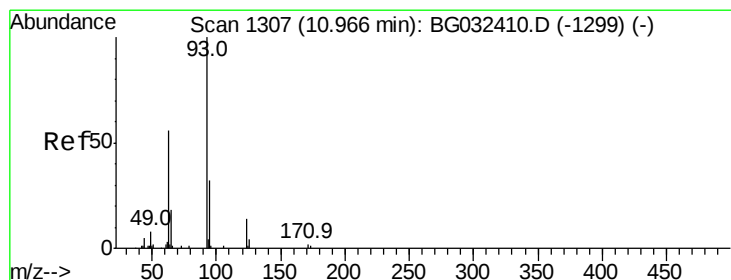
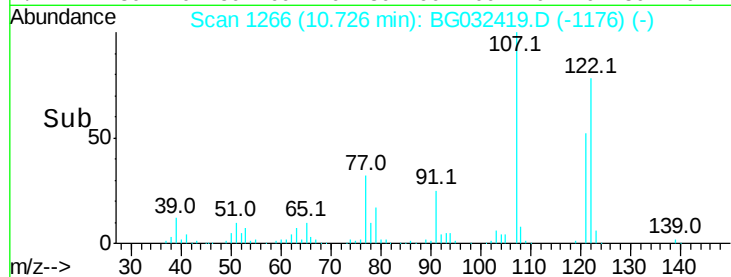
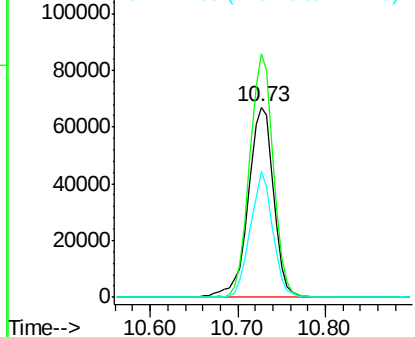
#27
 2,4-Dimethylphenol
 Concen: 93.869 ng
 RT: 10.73 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: BG032419.D
 Acq: 29 Jan 2018 18:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	128.2	100.2	150.2
121	66.2	44.4	66.6

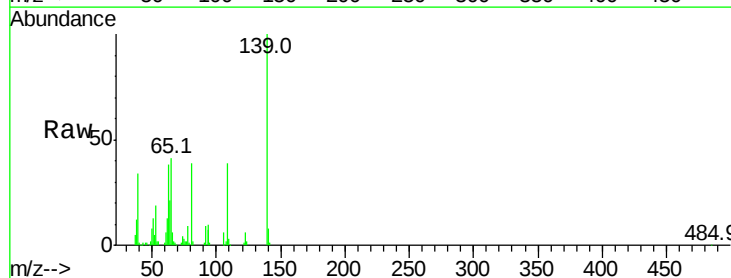


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

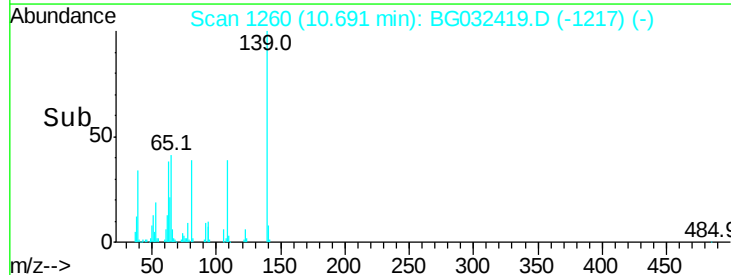
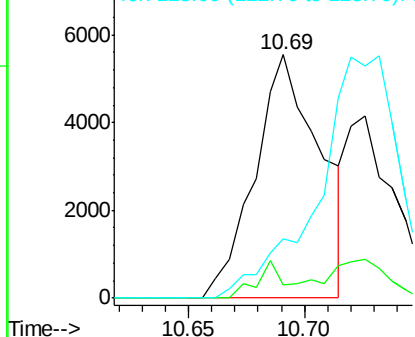


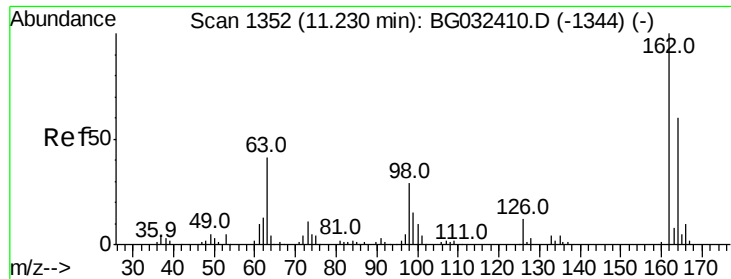
#28
 bis(2-Chloroethoxy)methane
 Concen: 7.008 ng
 RT: 10.69 min Scan# 1260
 Delta R.T. -0.27 min
 Lab File: BG032419.D
 Acq: 29 Jan 2018 18:03

Tgt Ion	Ratio	Lower	Upper
93	100		
95	5.2	24.3	36.5#
123	24.6	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

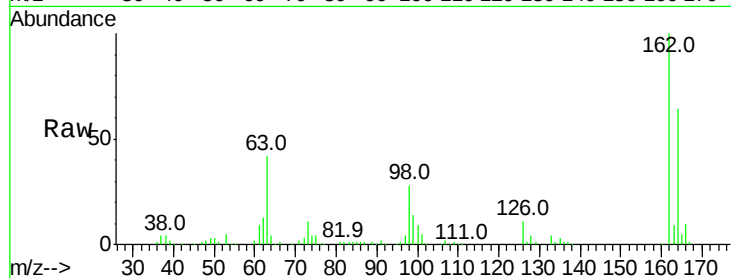




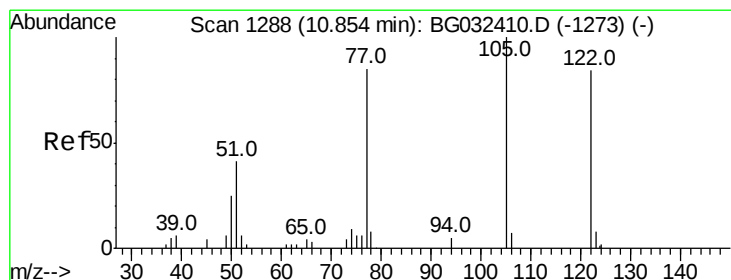
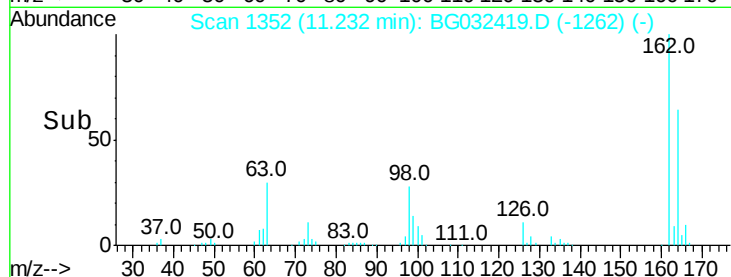
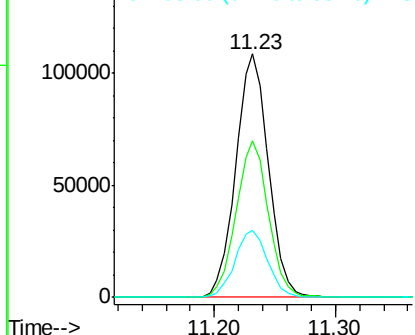
#29
2,4-Dichlorophenol
Concen: 110.731 ng
RT: 11.23 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BG032419.D
Acq: 29 Jan 2018 18:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	48.0	88.0
98	27.5	21.1	61.1

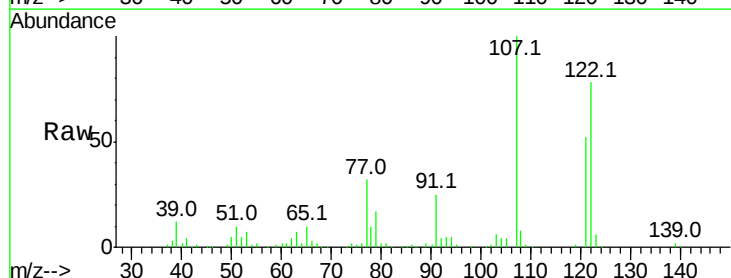


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BGC

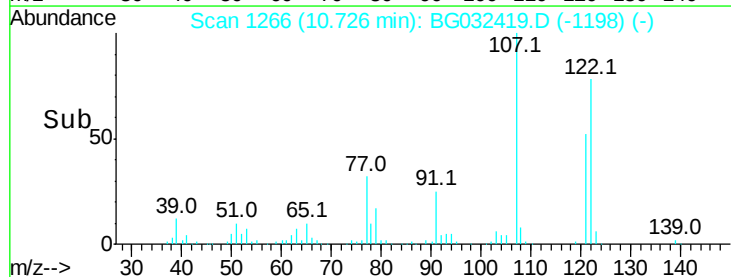
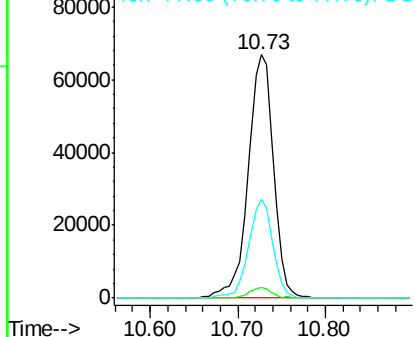


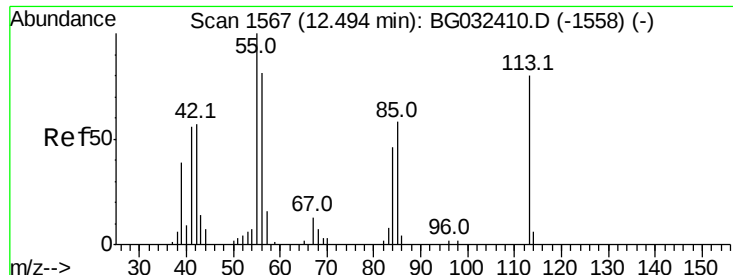
#32
Benzoic acid
Concen: 114.022 ng
RT: 10.73 min Scan# 1266
Delta R.T. -0.13 min
Lab File: BG032419.D
Acq: 29 Jan 2018 18:03

Tgt Ion	Ratio	Lower	Upper
122	100		
105	4.5	123.5	163.5#
77	40.4	85.7	125.7#



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





#35

Caprolactam

Concen: 22.585 ng

RT: 12.82 min Scan# 1623

Delta R.T. 0.33 min

Lab File: BG032419.D

Acq: 29 Jan 2018 18:03

Instrument :

BNA_G

ClientSampled :

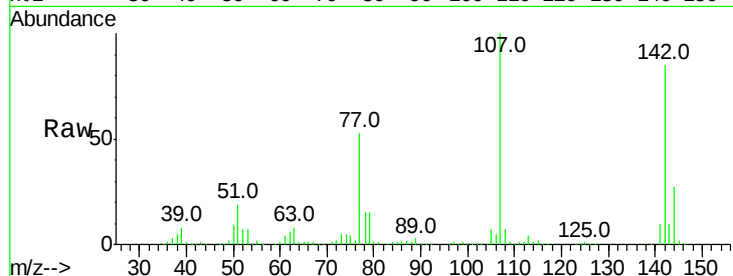
Tot Ion:113 Resp: 11948

Ion Ratio Lower Upper

113 100

55 55.5 186.9 226.9#

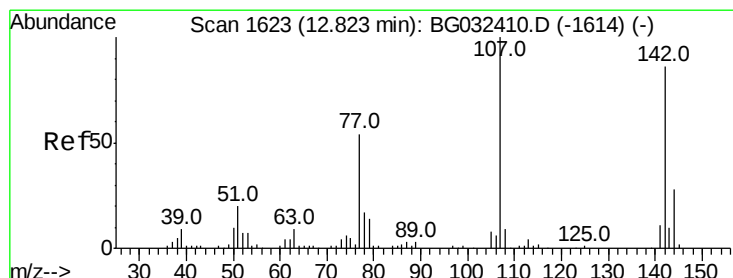
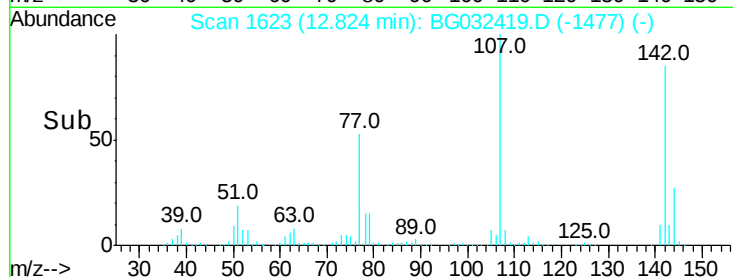
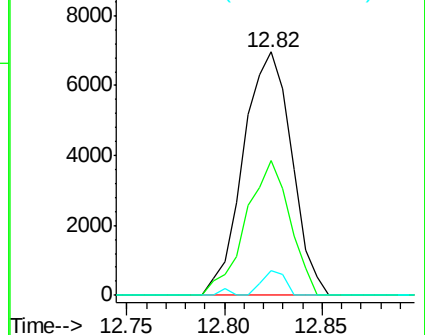
56 10.1 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 176.481 ng

RT: 12.82 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BG032419.D

Acq: 29 Jan 2018 18:03

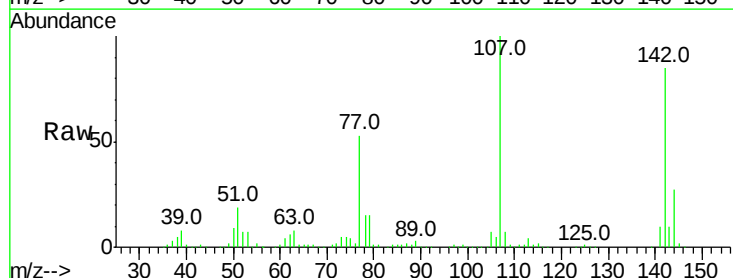
Tgt Ion:107 Resp: 308495

Ion Ratio Lower Upper

107 100

144 27.4 18.2 27.4

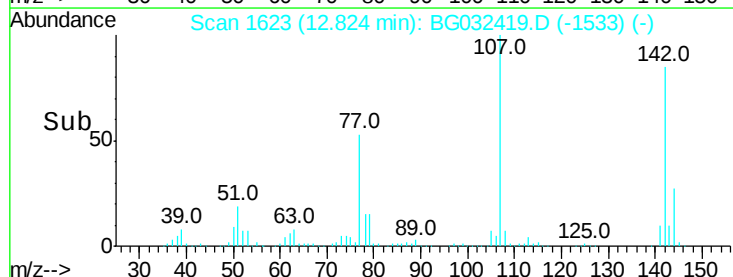
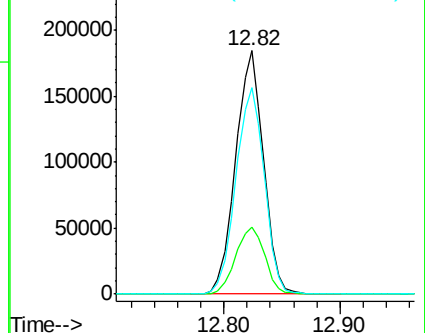
142 85.0 59.0 88.4

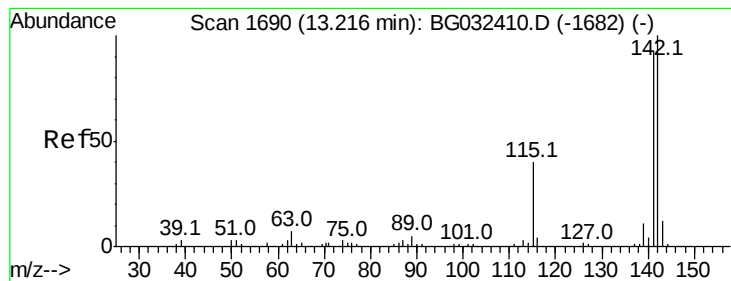


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 62.805 ng

RT: 12.82 min Scan# 1623

Delta R.T. -0.39 min

Lab File: BG032419.D

Acq: 29 Jan 2018 18:03

Instrument :

BNA_G

ClientSampled :

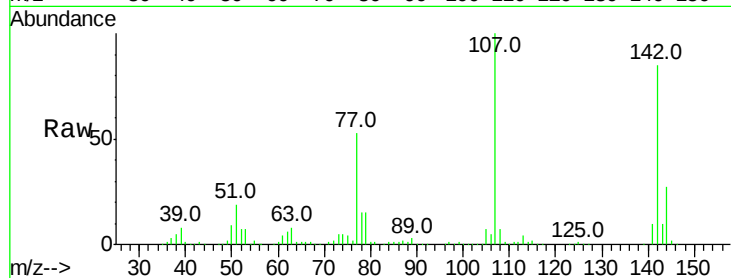
Tot Ion:142 Resp: 266888

Ion Ratio Lower Upper

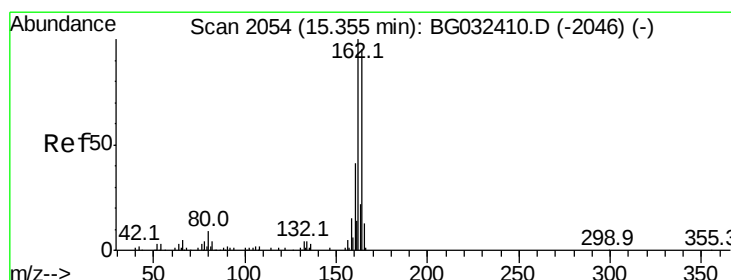
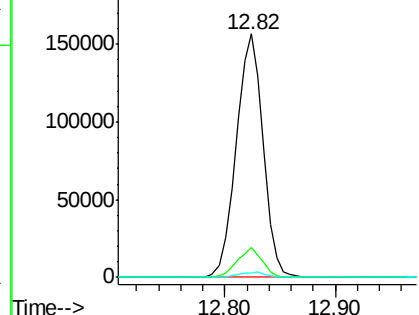
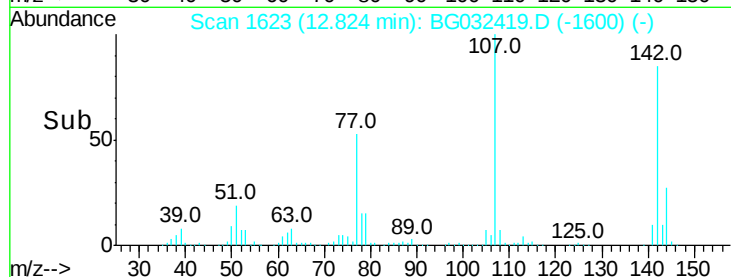
142 100

141 12.1 67.1 100.7#

115 2.0 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: BG032419.D

Acq: 29 Jan 2018 18:03

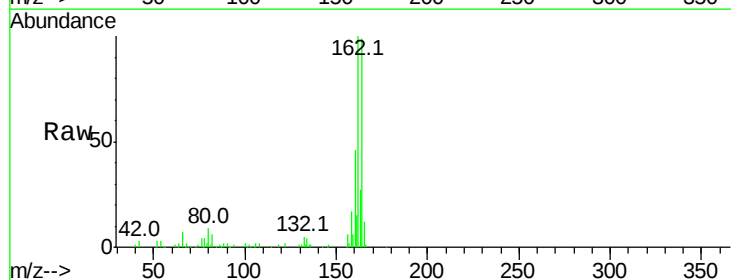
Tgt Ion:164 Resp: 80829

Ion Ratio Lower Upper

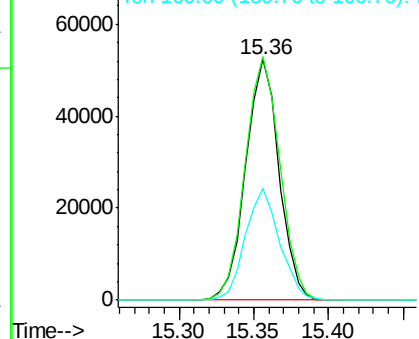
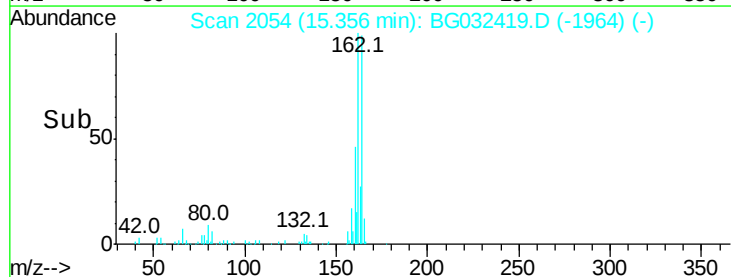
164 100

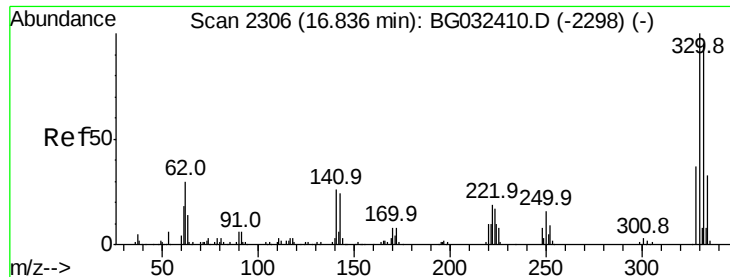
162 101.1 78.8 118.2

160 46.4 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: 155.266 ng

RT: 16.84 min Scan# 2306

Delta R.T. 0.00 min

Lab File: BG032419.D

Acq: 29 Jan 2018 18:03

Instrument :

BNA_G

ClientSampleId :

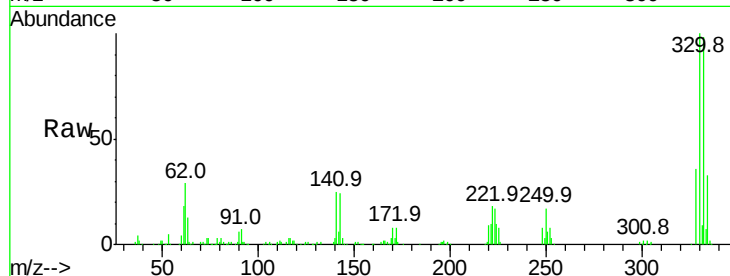
Tot Ion:330 Resp: 238889

Ion Ratio Lower Upper

330 100

332 96.4 77.0 115.6

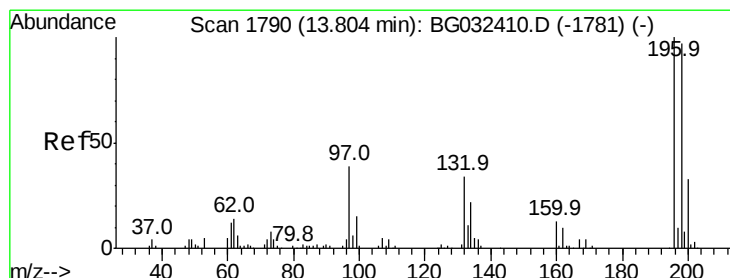
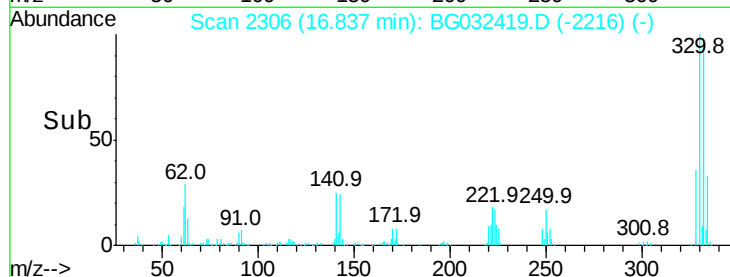
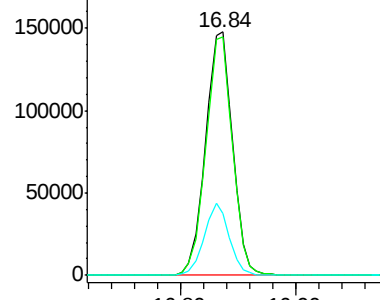
141 27.2 25.2 37.8



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 166.925 ng

RT: 13.81 min Scan# 1790

Delta R.T. 0.00 min

Lab File: BG032419.D

Acq: 29 Jan 2018 18:03

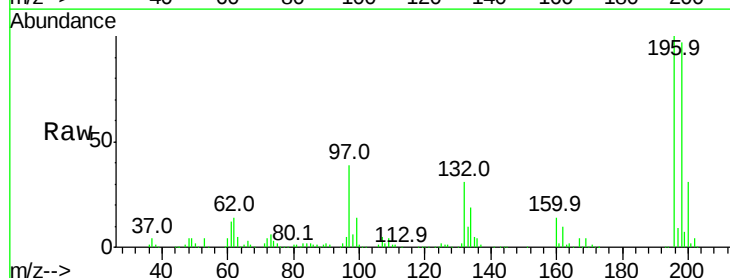
Tgt Ion:196 Resp: 343342

Ion Ratio Lower Upper

196 100

198 97.3 78.2 117.2

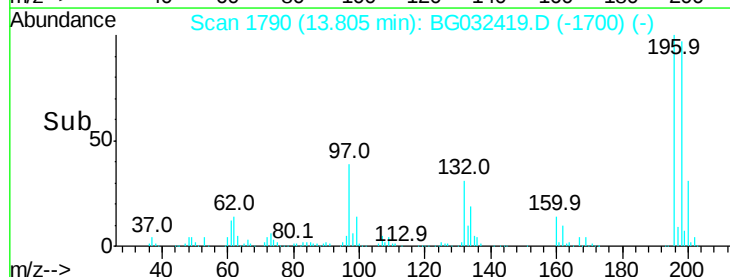
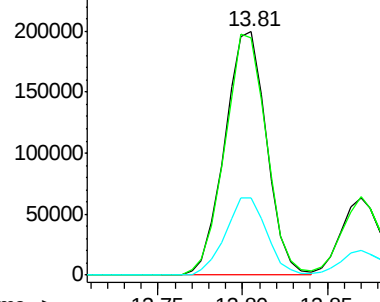
200 31.5 24.6 36.8

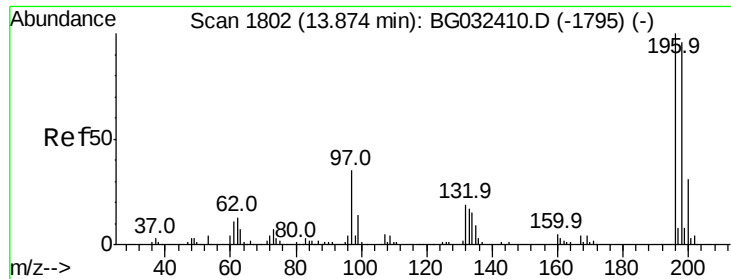


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

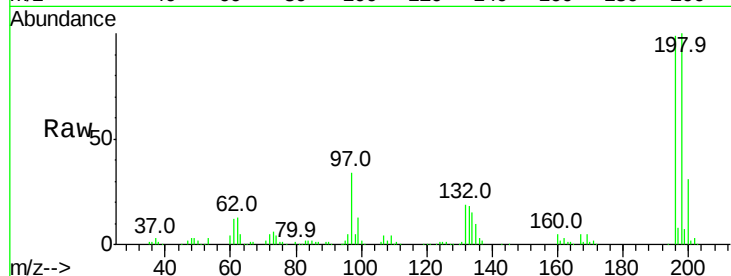




#43
 2,4,5-Trichlorophenol
 Concen: 44.590 ng
 RT: 13.87 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: BG032419.D
 Acq: 29 Jan 2018 18:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	100.8	76.2	114.4
97	34.1	38.7	58.1#
132	19.7	20.2	30.2#



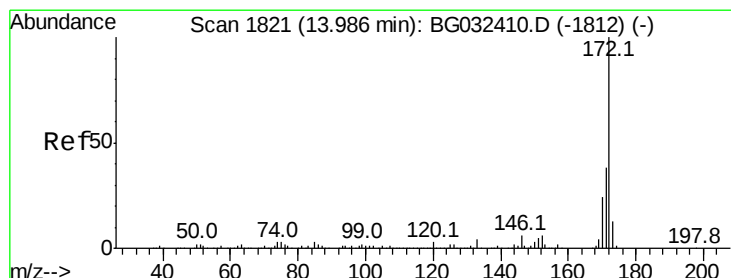
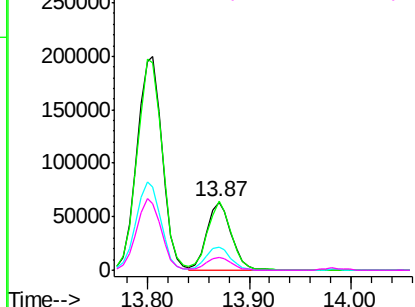
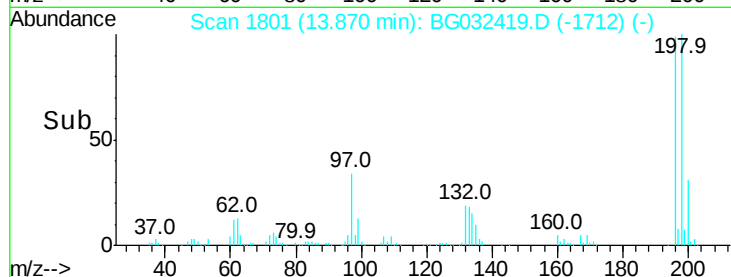
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

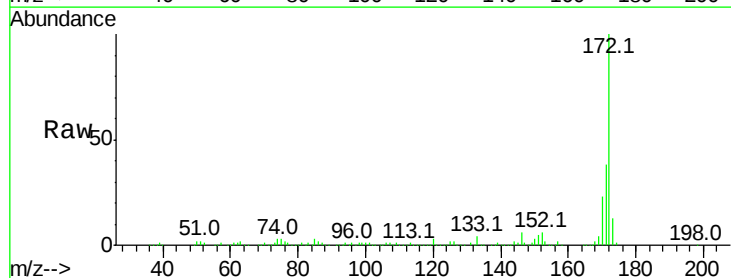
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 89.129 ng
 RT: 13.99 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BG032419.D
 Acq: 29 Jan 2018 18:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.0	45.0
170	23.0	19.5	29.3

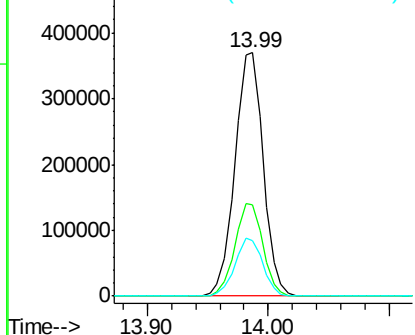
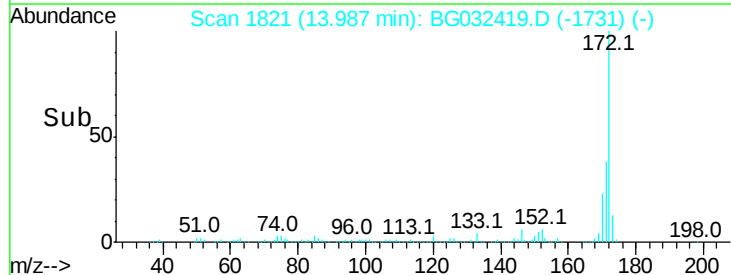


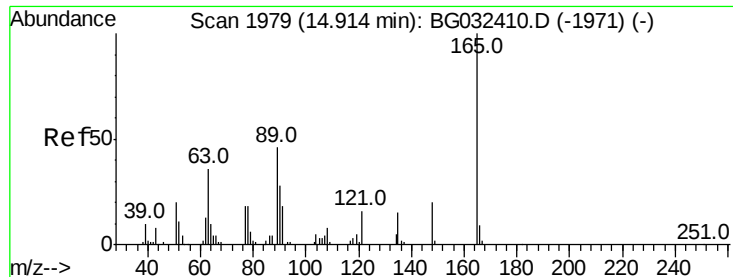
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

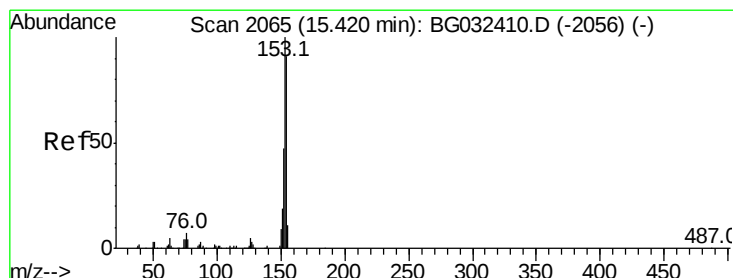
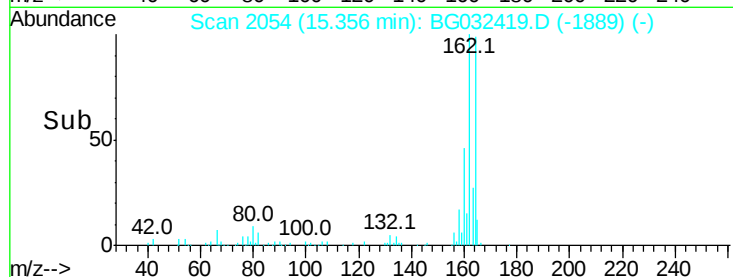
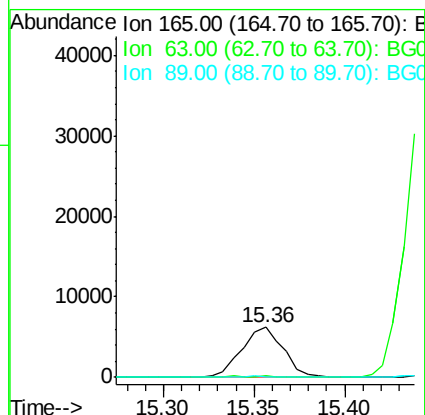
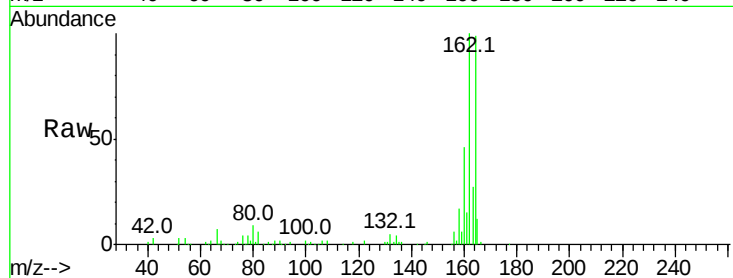




#50
 2,6-Dinitrotoluene
 Concen: 6.375 ng
 RT: 15.36 min Scan# 2054
 Delta R.T. 0.44 min
 Lab File: BG032419.D
 Acq: 29 Jan 2018 18:03

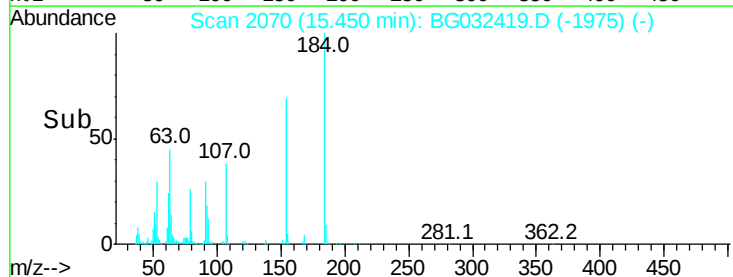
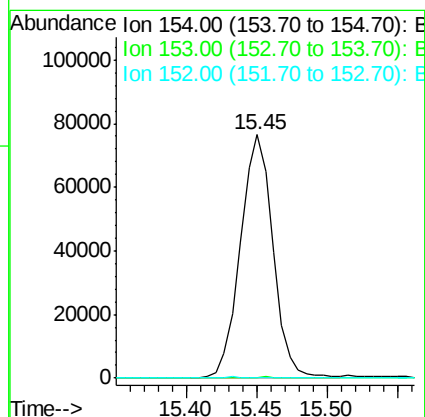
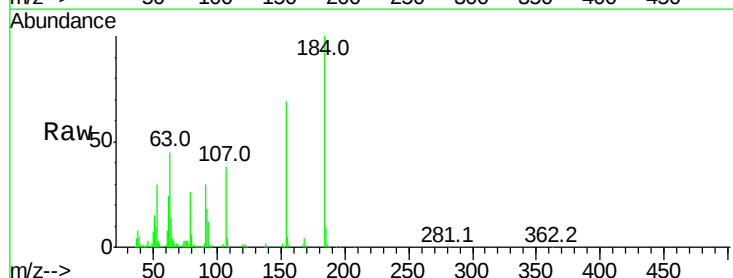
Instrument :
 BNA_G
 ClientSampleId :

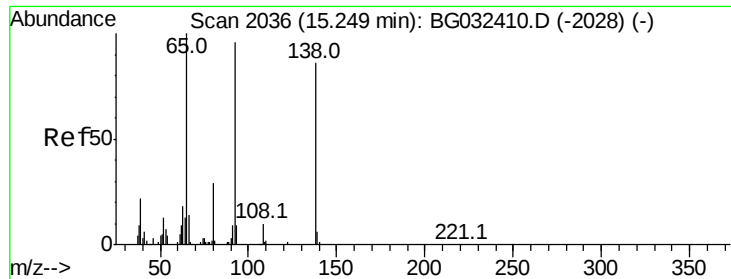
Tot Ion:165 Resp: 9972
 Ion Ratio Lower Upper
 165 100
 63 2.7 52.7 79.1#
 89 0.0 49.2 73.8#



#51
 Acenaphthene
 Concen: 22.024 ng
 RT: 15.45 min Scan# 2070
 Delta R.T. 0.03 min
 Lab File: BG032419.D
 Acq: 29 Jan 2018 18:03

Tgt Ion:154 Resp: 123592
 Ion Ratio Lower Upper
 154 100
 153 0.0 90.4 135.6#
 152 0.3 41.6 62.4#

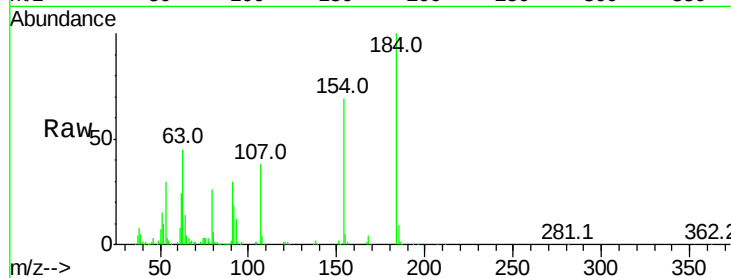




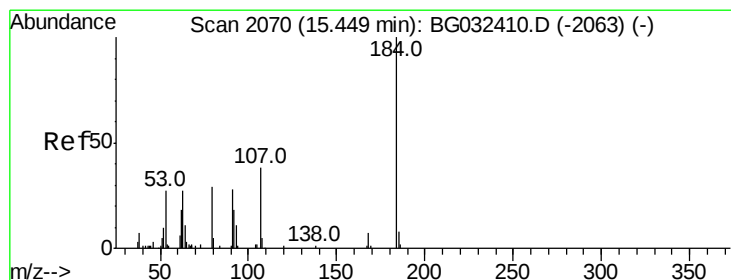
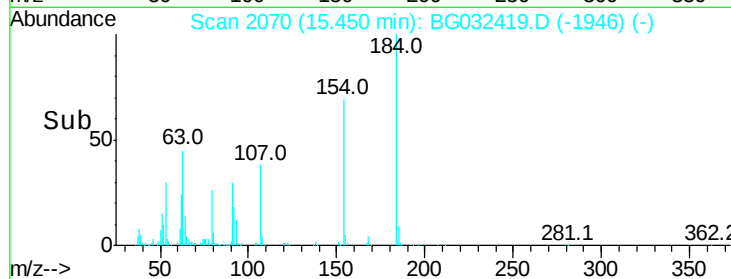
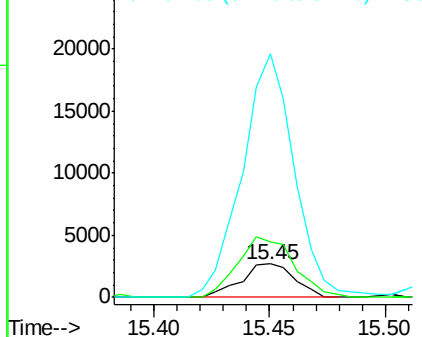
#52
 3-Nitroaniline
 Concen: 3.177 ng
 RT: 15.45 min Scan# 2070
 Delta R.T. 0.20 min
 Lab File: BG032419.D
 Acq: 29 Jan 2018 18:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:138 Resp: 4341
 Ion Ratio Lower Upper
 138 100
 108 168.7 17.5 26.3#
 92 734.1 105.8 158.8#

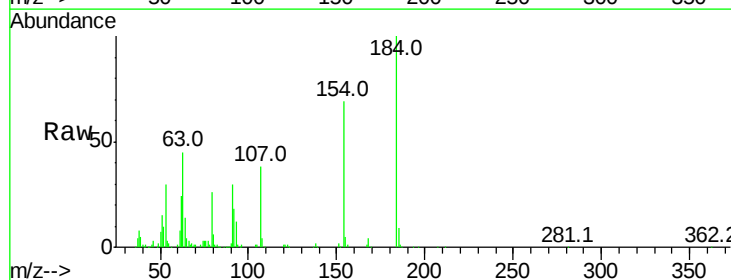


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BGC

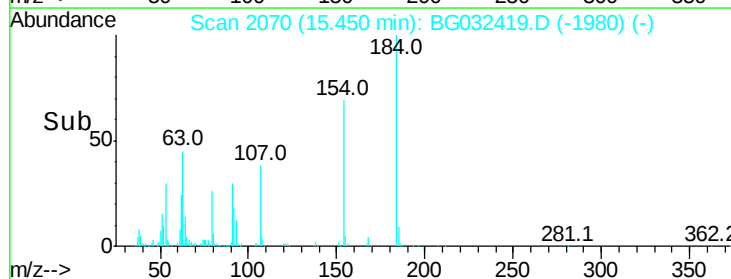
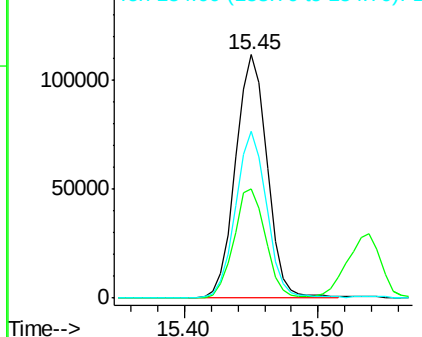


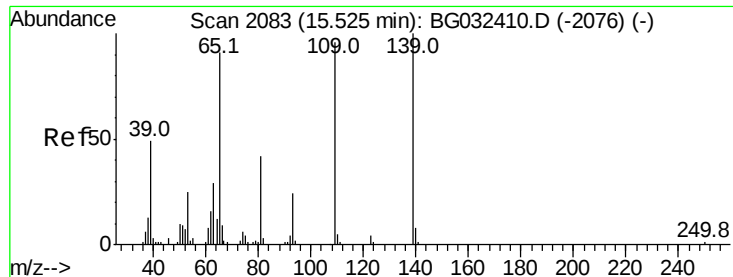
#53
 2,4-Dinitrophenol
 Concen: 182.186 ng
 RT: 15.45 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: BG032419.D
 Acq: 29 Jan 2018 18:03

Tgt Ion:184 Resp: 183287
 Ion Ratio Lower Upper
 184 100
 63 45.1 59.8 89.8#
 154 68.5 101.8 152.8#



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





#55

4-Nitrophenol

Concen: 171.296 ng

RT: 15.54 min Scan# 2085

Delta R.T. 0.01 min

Lab File: BG032419.D

Acq: 29 Jan 2018 18:03

Instrument :

BNA_G

ClientSampleId :

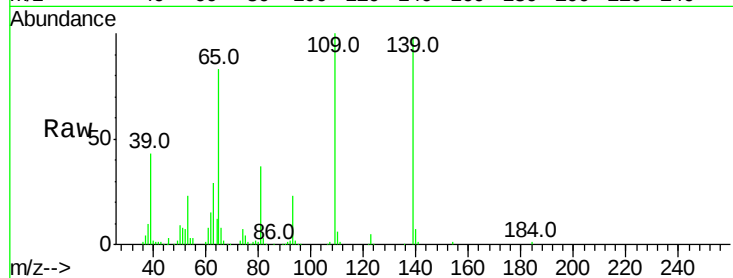
Tot Ion:139 Resp: 175218

Ion Ratio Lower Upper

139 100

109 102.0 62.2 102.2

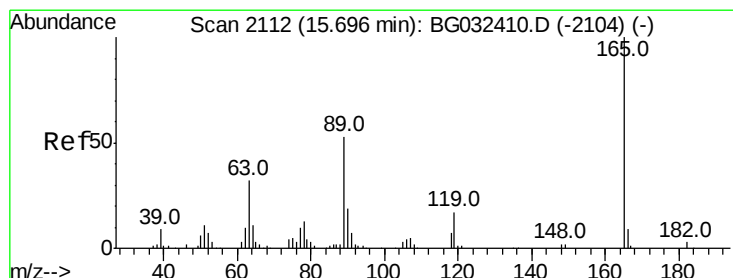
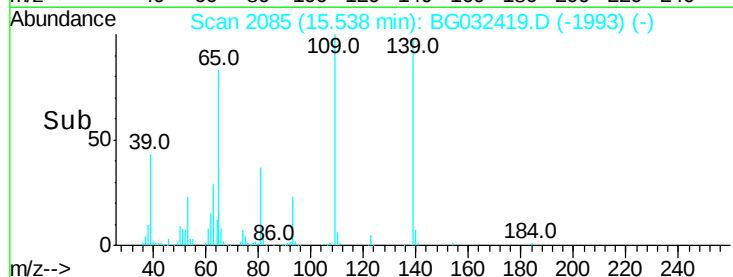
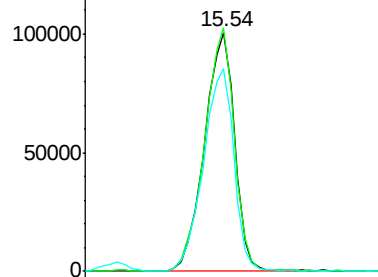
65 85.1 97.2 137.2#



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): BGC



#56

2,4-Dinitrotoluene

Concen: 4.477 ng

RT: 15.36 min Scan# 2054

Delta R.T. -0.34 min

Lab File: BG032419.D

Acq: 29 Jan 2018 18:03

Tgt Ion:165 Resp: 9972

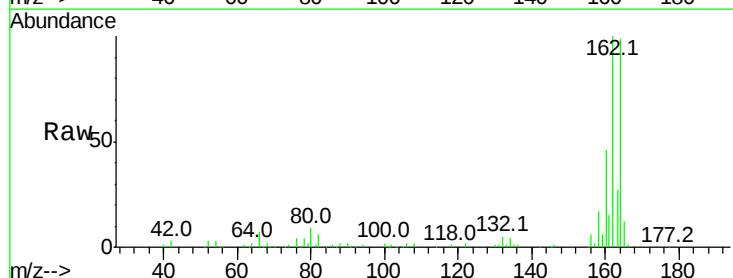
Ion Ratio Lower Upper

165 100

63 2.7 42.0 63.0#

89 0.0 66.9 100.3#

182 0.0 2.6 3.8#

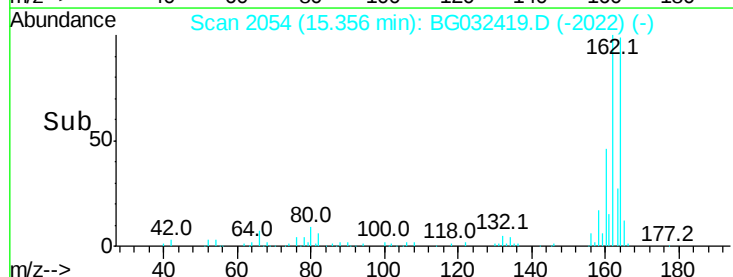
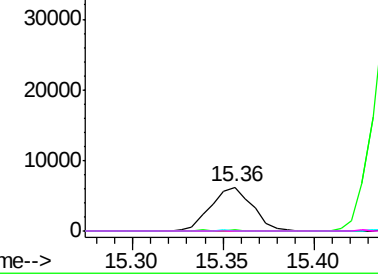


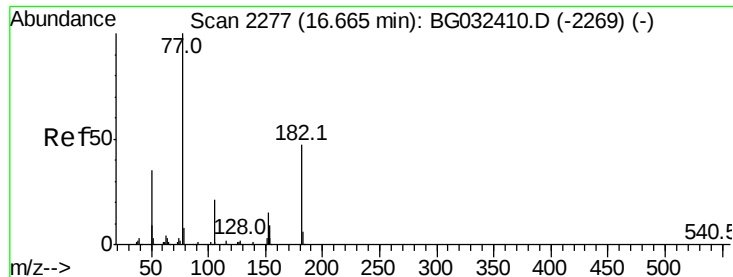
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#62

Azobenzene

Concen: 6.109 ng

RT: 16.45 min Scan# 2240

Delta R.T. -0.22 min

Lab File: BG032419.D

Acq: 29 Jan 2018 18:03

Instrument :

BNA_G

ClientSampled :

Tot Ion: 77 Resp: 26501

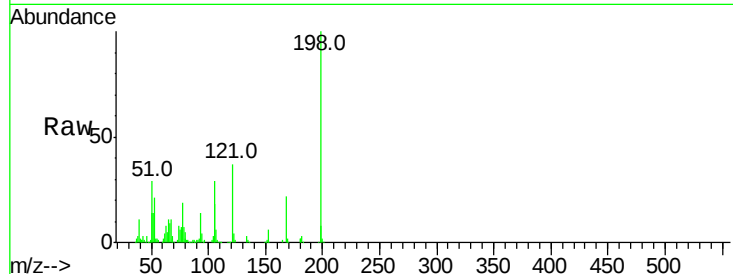
Ion Ratio Lower Upper

77 100

182 14.7 7.4 47.4

105 156.1 0.3 40.3#

51 155.0 11.6 51.6#



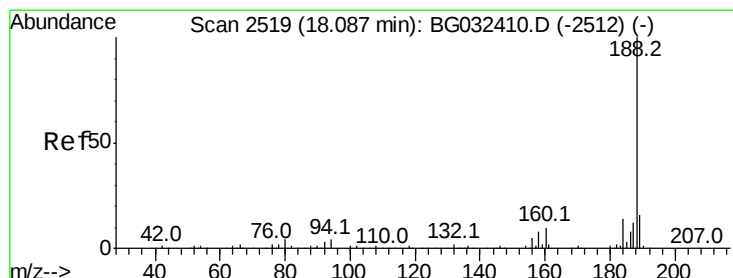
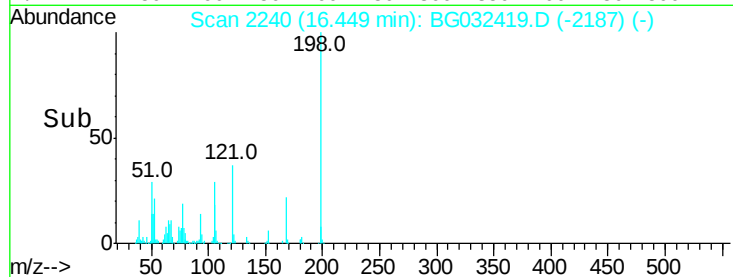
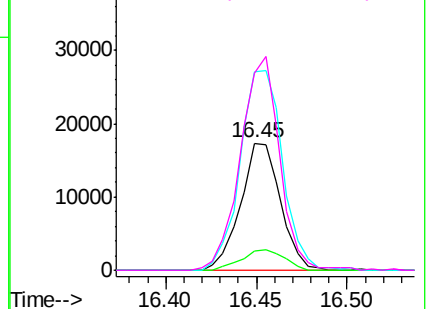
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.09 min Scan# 2519

Delta R.T. 0.00 min

Lab File: BG032419.D

Acq: 29 Jan 2018 18:03

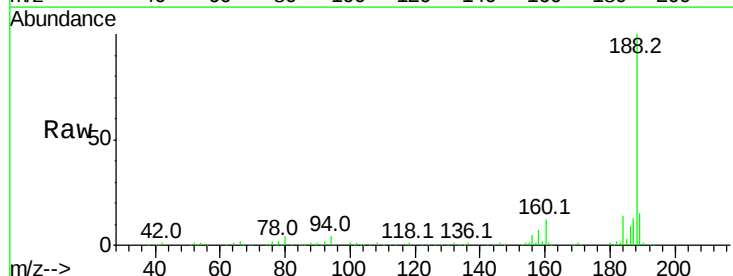
Tgt Ion: 188 Resp: 220932

Ion Ratio Lower Upper

188 100

94 3.9 6.9 10.3#

80 4.2 7.7 11.5#

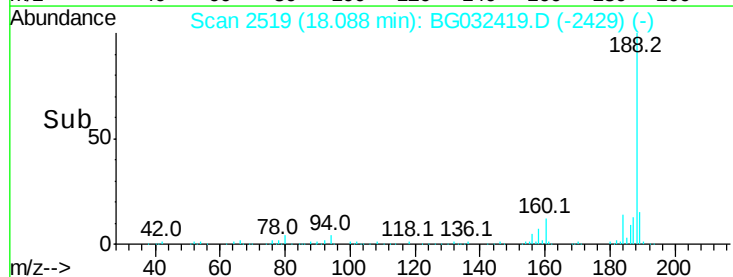
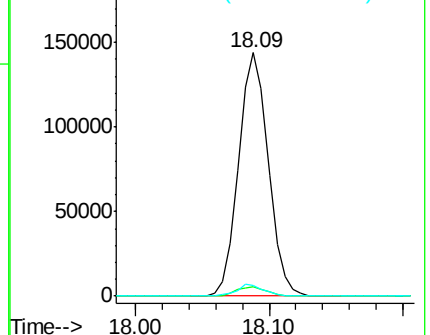


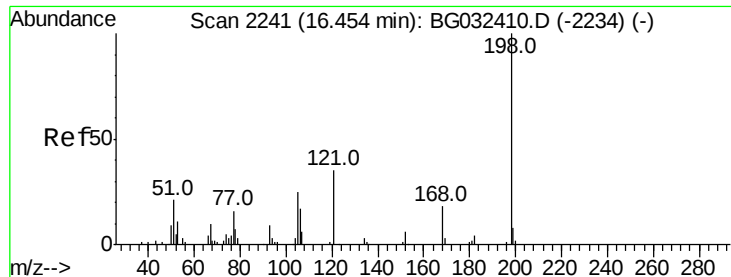
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

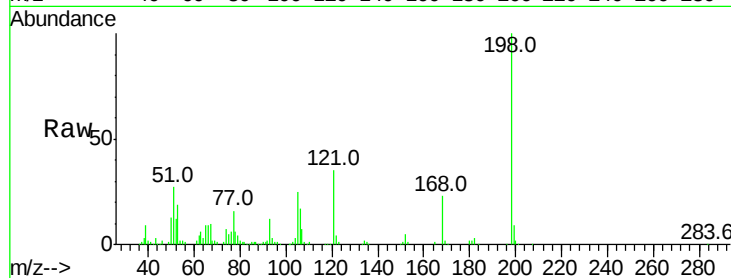




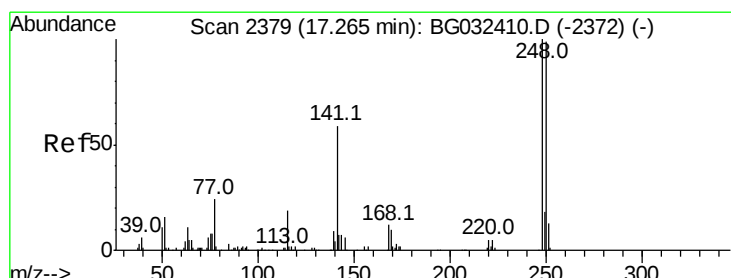
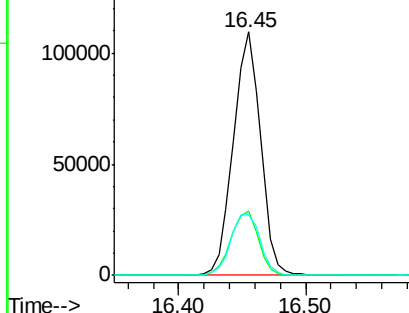
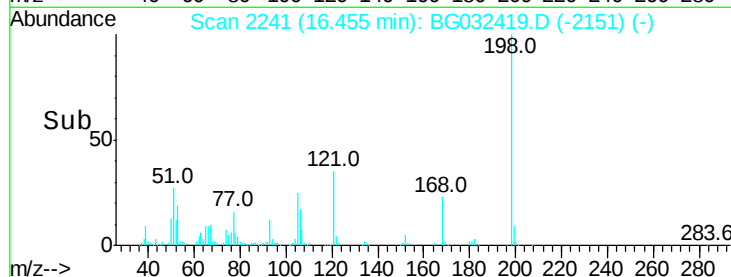
#64
 4,6-Dinitro-2-methylphenol
 Concen: 98.538 ng
 RT: 16.45 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: BG032419.D
 Acq: 29 Jan 2018 18:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 162638
 Ion Ratio Lower Upper
 198 100
 51 26.6 30.6 70.6#
 105 24.8 23.8 63.8

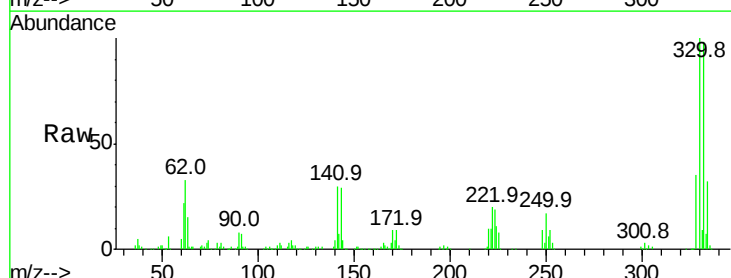


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

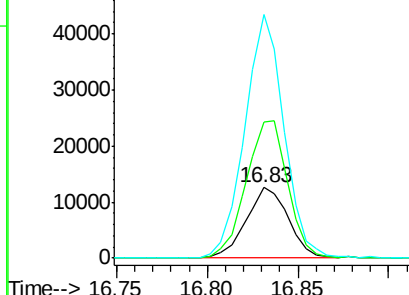
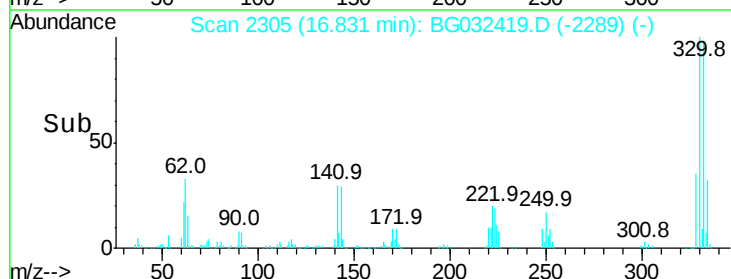


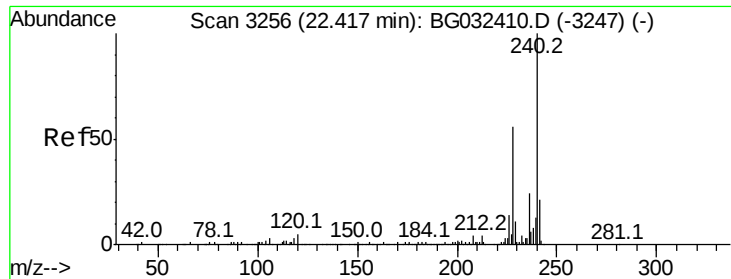
#66
 4-Bromophenyl-phenylether
 Concen: 6.181 ng
 RT: 16.83 min Scan# 2305
 Delta R.T. -0.43 min
 Lab File: BG032419.D
 Acq: 29 Jan 2018 18:03

Tgt Ion:248 Resp: 20231
 Ion Ratio Lower Upper
 248 100
 250 192.2 77.1 115.7#
 141 344.9 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

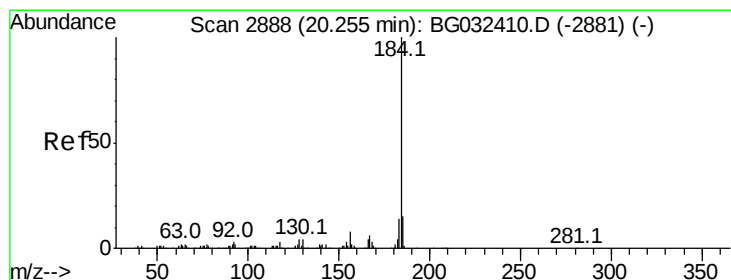
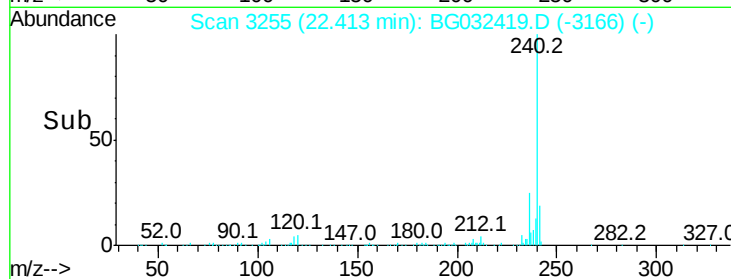
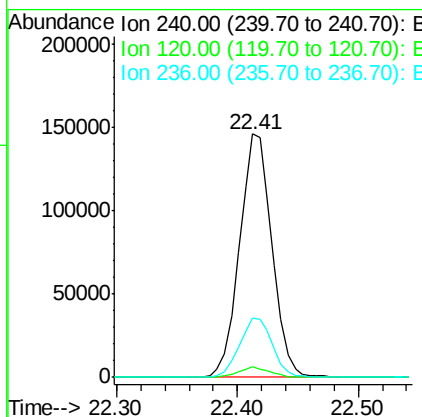
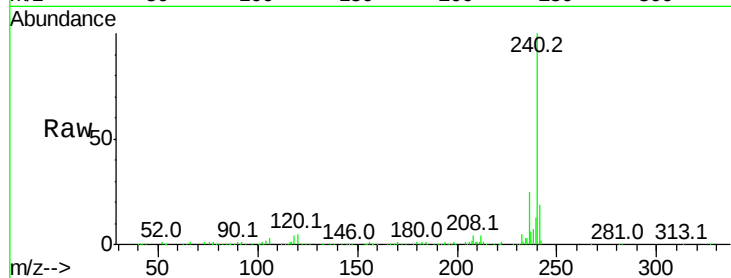




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.41 min Scan# 3255
 Delta R.T. -0.00 min
 Lab File: BG032419.D
 Acq: 29 Jan 2018 18:03

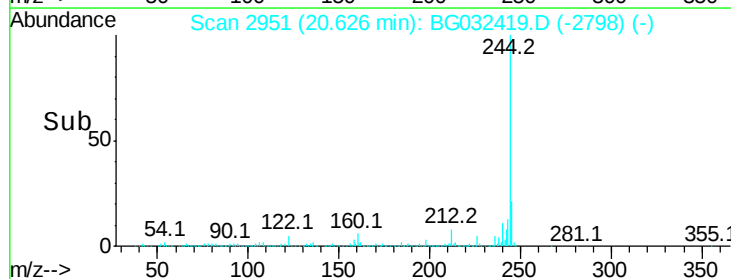
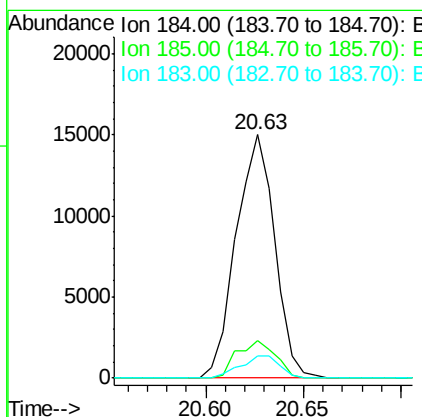
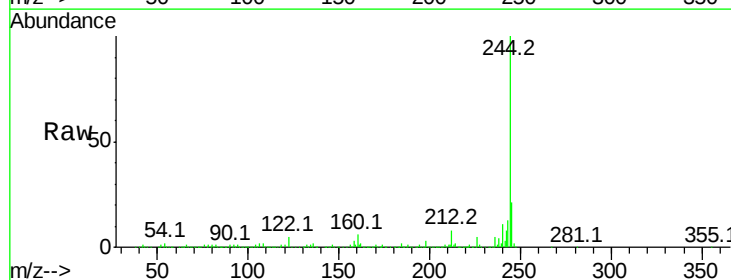
Instrument :
 BNA_G
 ClientSampleId :

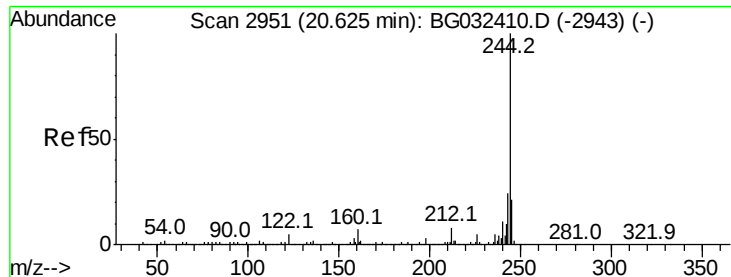
Tot Ion	Ratio	Lower	Upper
240	100		
120	4.5	6.8	10.2#
236	24.6	20.9	31.3



#76
 Benzidine
 Concen: 3.830 ng
 RT: 20.63 min Scan# 2951
 Delta R.T. 0.37 min
 Lab File: BG032419.D
 Acq: 29 Jan 2018 18:03

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.3	11.1	16.7
183	9.0	10.6	16.0#





#78

Terphenyl-d14

Concen: 108.920 ng

RT: 20.63 min Scan# 2951

Delta R.T. 0.00 min

Lab File: BG032419.D

Acq: 29 Jan 2018 18:03

Instrument :

BNA_G

ClientSampled :

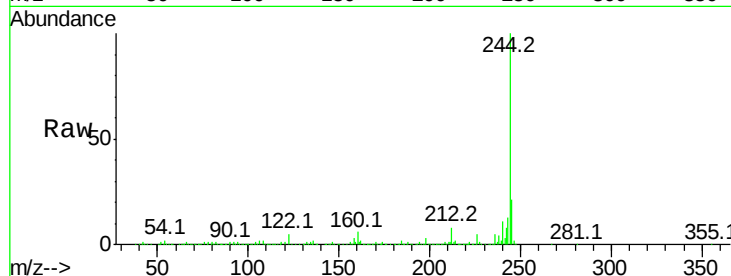
Tot Ion:244 Resp: 1385885

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

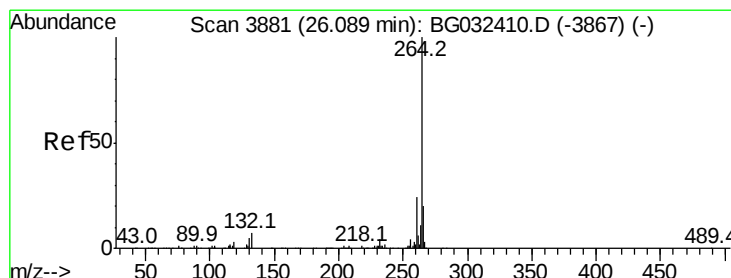
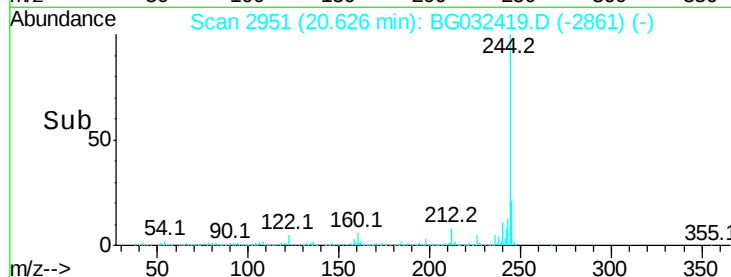
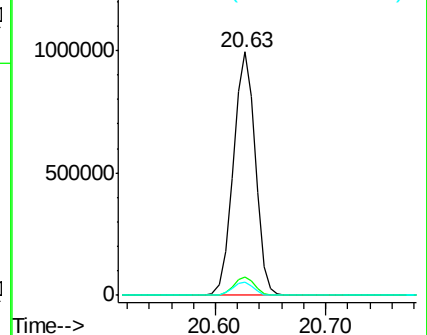
122 5.4 7.0 10.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.10 min Scan# 3882

Delta R.T. 0.01 min

Lab File: BG032419.D

Acq: 29 Jan 2018 18:03

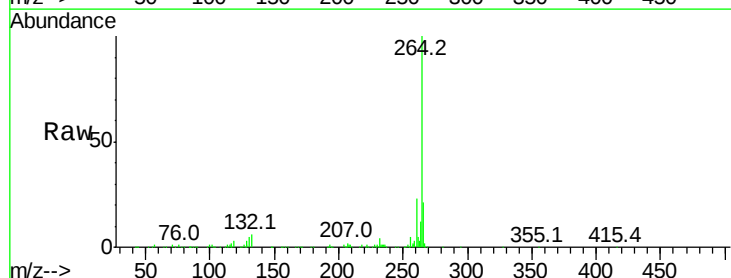
Tgt Ion:264 Resp: 286401

Ion Ratio Lower Upper

264 100

260 22.5 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

