

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101615\
 Data File : BG019236.D
 Acq On : 16 Oct 2015 23:15
 Operator : UM/NP
 Sample : G3996-18
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK7

Quant Time: Oct 19 00:30:15 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 19 00:27:28 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	25767	20.00	ng/ul	0.02
18) Naphthalene-d8	10.86	136	123636	20.00	ng/ul	0.05
36) Acenaphthene-d10	14.68	164	64498	20.00	ng/ul	0.05
62) Phenanthrene-d10	17.43	188	124648	20.00	ng/ul	0.04
78) Chrysene-d12	21.70	240	153441	20.00	ng/ul	0.05
86) Perylene-d12	24.74	264	125047	20.00	ng/ul	-0.11

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.44	96	13276	28.69	ng/uL	0.00
5) Phenol-d5	7.23	99	44122	19.62	ng/ul	0.06
7) Bis-(2-Chloroethyl)ether-d	7.36	67	47094	32.54	ng/ul	0.03
9) 2-Chlorophenol-d4	7.57	132	34988	21.35	ng/ul	0.03
13) 4-Methylphenol-d8	8.70	113	54	0.03	ng/ul	-0.02
19) Nitrobenzene-d5	9.22	128	25250	26.51	ng/ul	0.05
22) 2-Nitrophenol-d4	9.93	143	21495	21.26	ng/ul	0.04
26) 2,4-Dichlorophenol-d3	10.54	165	37850	18.90	ng/ul	0.11
29) 4-Chloroaniline-d4	11.01	131	128680	49.90	ng/ul	0.06
44) Dimethylphthalate-d6	14.10	166	6570	1.16	ng/ul	0.05
47) Acenaphthylene-d8	14.38	160	132431	21.72	ng/ul	0.05
52) 4-Nitrophenol-d4	14.88	143	2345	2.31	ng/ul	0.05
58) Fluorene-d10	15.68	176	195162	40.48	ng/ul	0.05
63) 4,6-Dinitro-2-methylphenol	15.78	200	319	0.41	ng/ul	0.03
71) Anthracene-d10	17.53	188	133114	22.60	ng/ul	0.05
79) Pyrene-d10	19.81	212	155352	22.32	ng/ul	0.04
90) Benzo(a)pyrene-d12	24.51	264	552	0.09	ng/ul	-0.12

Target Compounds

					Ovalue
4) Benzaldehyde	7.16	77	23475	17.96	ng/ul# 1
6) Phenol	7.27	94	1349535	576.29	ng/ul# 73
8) Bis(2-Chloroethyl)ether	7.45	93	3162	1.90	ng/ul# 67
11) 2-Methylphenol	8.51	108	921292	501.23	ng/ul 96
14) Acetophenone	8.83	105	133358	41.47	ng/ul# 82
16) 4-Methylphenol	8.91	108	2488360	1206.67	ng/ul 98
17) Hexachloroethane	9.14	117	62543	86.33	ng/ul# 1
20) Nitrobenzene	9.29	77	26943	10.32	ng/ul# 36
23) 2-Nitrophenol	9.94	139	2466	2.30	ng/ul# 1
24) 2,4-Dimethylphenol	10.12	107	3704754	1423.57	ng/ul 94
27) 2,4-Dichlorophenol	10.51	162	97121	48.03	ng/ul# 29
28) Naphthalene	10.93	128	2568460	397.44	ng/ul# 92
30) 4-Chloroaniline	11.01	127	6973	2.62	ng/ul# 1
32) Caprolactam	11.79	113	2137	2.85	ng/ul# 1
33) 4-Chloro-3-methylphenol	12.16	107	92975	36.50	ng/ul# 22
34) 2-Methylnaphthalene	12.53	142	1368707	267.18	ng/ul 99
35) 1-Methylnaphthalene	12.74	142	857328	170.89	ng/ul# 97
41) 1,1'-Biphenyl	13.52	154	420380	83.48	ng/ul 94
42) 2-Chloronaphthalene	13.51	162	40706	10.46	ng/ul 96
43) 2-Nitroaniline	13.74	65	40392	26.51	ng/ul# 54
48) Acenaphthylene	14.41	152	184664	27.46	ng/ul# 83
49) 3-Nitroaniline	14.56	138	1039	1.00	ng/ul# 1
50) Acenaphthene	14.75	153	127529	28.32	ng/ul 93

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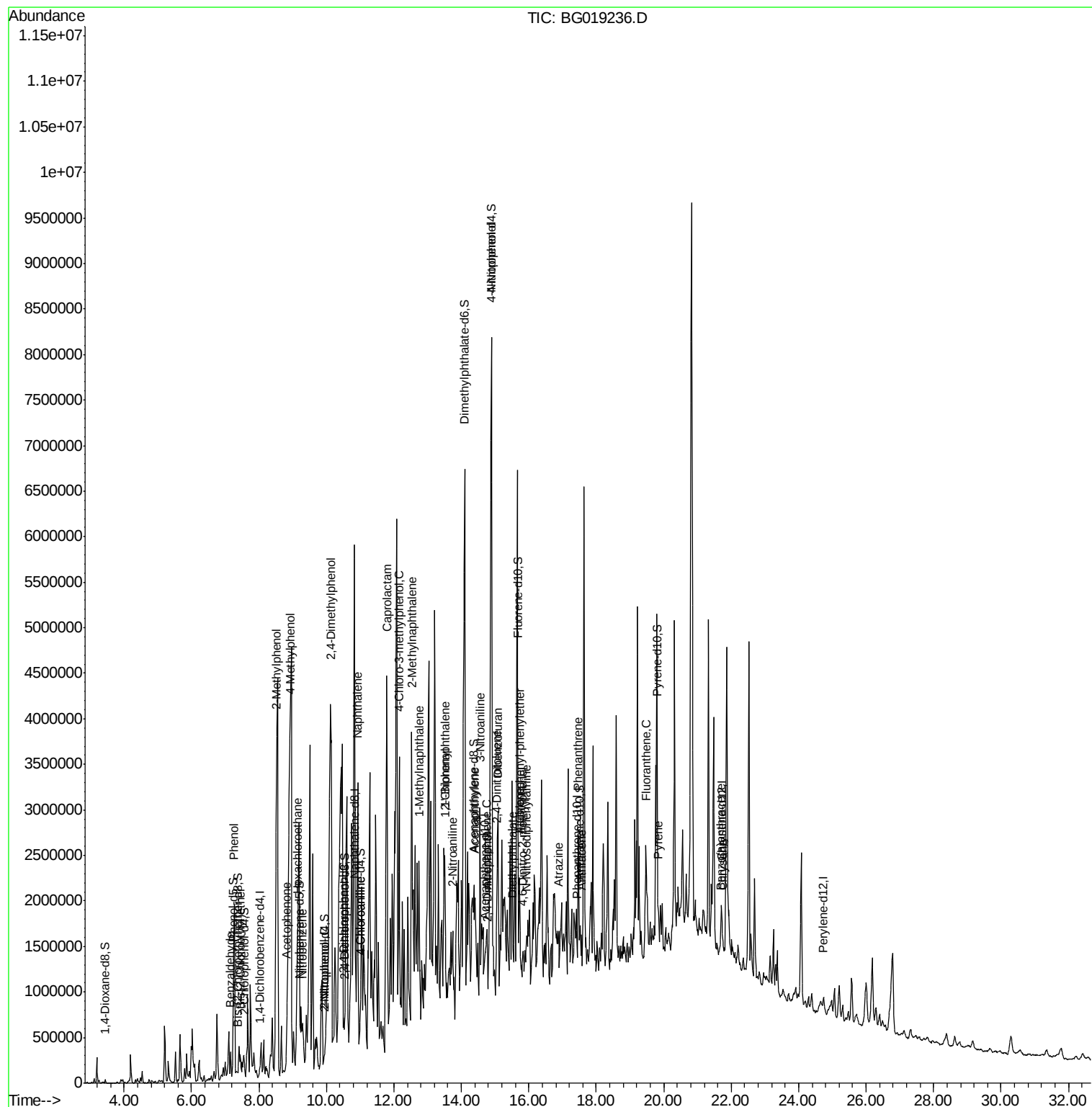
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
51) 2,4-Dinitrophenol	14.78	184	1245	2.01	ng/ul#	1
53) 4-Nitrophenol	14.89	109	98798	89.12	ng/ul#	1
54) Dibenzofuran	15.09	168	579700	91.09	ng/ul#	83
55) 2,4-Dinitrotoluene	15.05	165	14988	8.52	ng/ul#	1
57) Diethylphthalate	15.53	149	9974	1.69	ng/ul#	1
59) Fluorene	15.74	166	417656	76.68	ng/ul#	95
60) 4-Chlorophenyl-phenylether	15.73	204	6175	2.20	ng/ul#	1
64) 4,6-Dinitro-2-methylphenol	15.82	198	883	1.14	ng/ul#	1
65) N-Nitrosodiphenylamine	15.93	169	42907	12.52	ng/ul	89
68) Atrazine	16.89	200	2615	1.59	ng/ul#	1
70) Phenanthrene	17.47	178	737512	105.97	ng/ul	93
72) Anthracene	17.56	178	169228	23.93	ng/ul#	92
77) Fluoranthene	19.48	202	216216	24.82	ng/ul	96
80) Pyrene	19.84	202	239381	26.29	ng/ul#	91
83) Benzo(a)anthracene	21.68	228	61888	7.14	ng/ul#	69
85) Chrysene	21.75	228	67963	8.29	ng/ul#	69

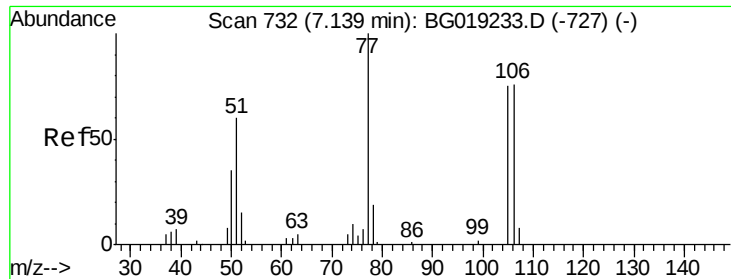
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 17.96 ng/ul

RT: 7.16 min Scan# 736

Delta R.T. 0.02 min

Lab File: BG019236.D

Acq: 16 Oct 2015 23:15

Instrument :

BNA_G

ClientSampleId :

E5LK7

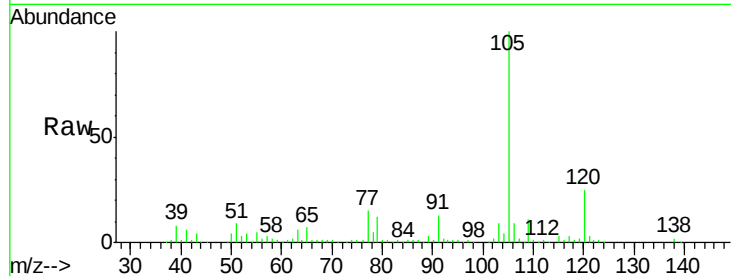
Tot Ion: 77 Resp: 23475

Ion Ratio Lower Upper

77 100

105 670.8 75.6 113.4#

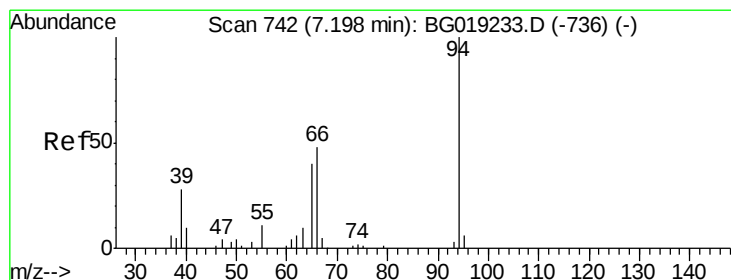
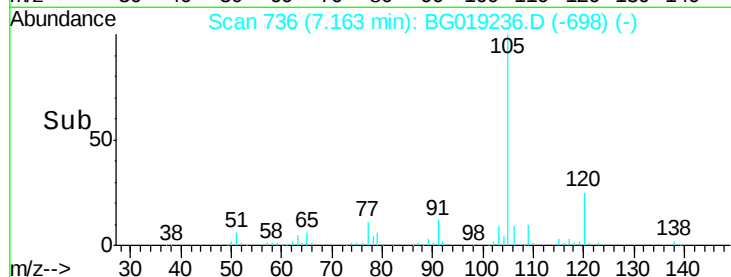
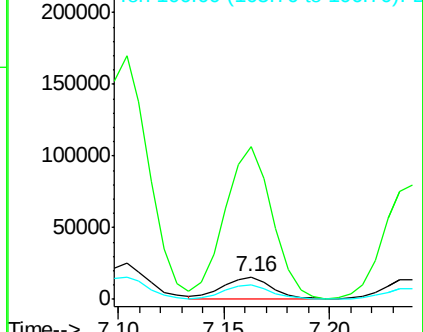
106 63.4 75.8 113.6#



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#6

Phenol

Concen: 576.29 ng/ul

RT: 7.27 min Scan# 755

Delta R.T. 0.08 min

Lab File: BG019236.D

Acq: 16 Oct 2015 23:15

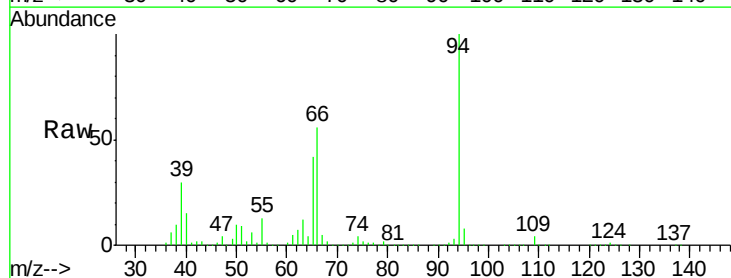
Tgt Ion: 94 Resp: 1349535

Ion Ratio Lower Upper

94 100

65 41.5 24.9 37.3#

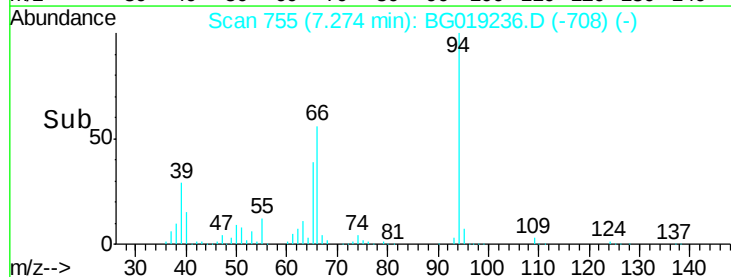
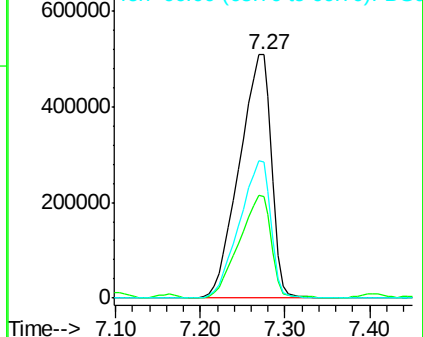
66 56.1 29.1 43.7#

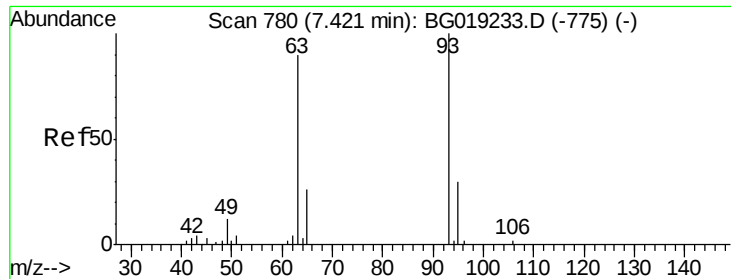


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#8

Bis(2-Chloroethyl)ether

Concen: 1.90 ng/ul

RT: 7.45 min Scan# 785

Delta R.T. 0.03 min

Lab File: BG019236.D

Acq: 16 Oct 2015 23:15

Instrument :

BNA_G

ClientSampleId :

E5LK7

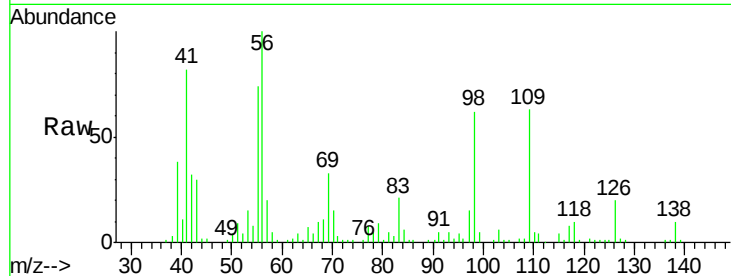
Tot Ion: 93 Resp: 3162

Ion Ratio Lower Upper

93 100

63 74.1 73.2 109.8

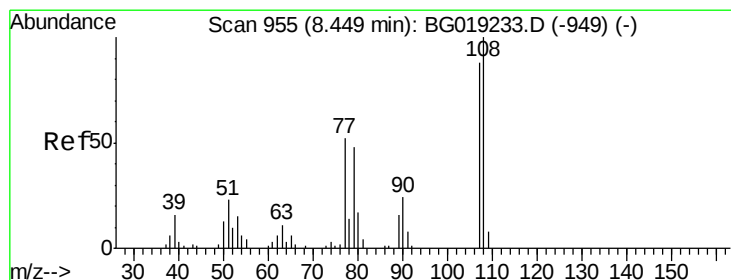
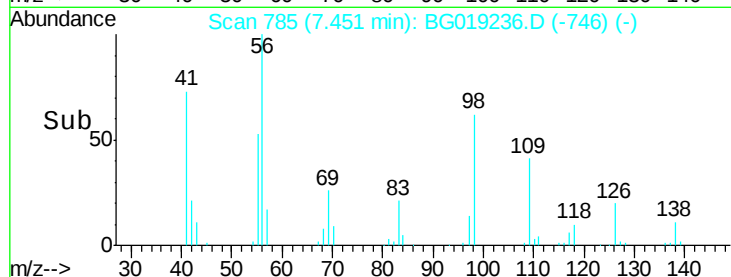
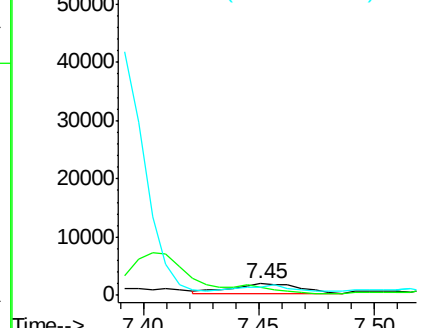
95 75.4 27.0 40.6#



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#11

2-Methylphenol

Concen: 501.23 ng/ul

RT: 8.51 min Scan# 966

Delta R.T. 0.06 min

Lab File: BG019236.D

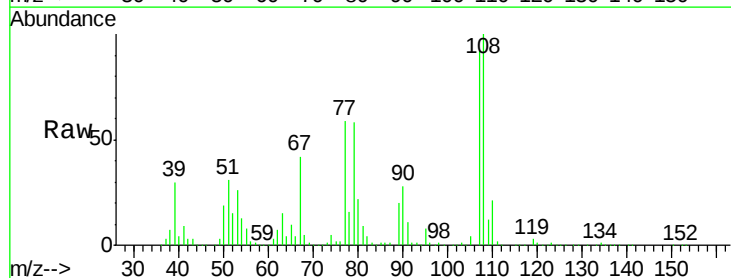
Acq: 16 Oct 2015 23:15

Tgt Ion: 108 Resp: 921292

Ion Ratio Lower Upper

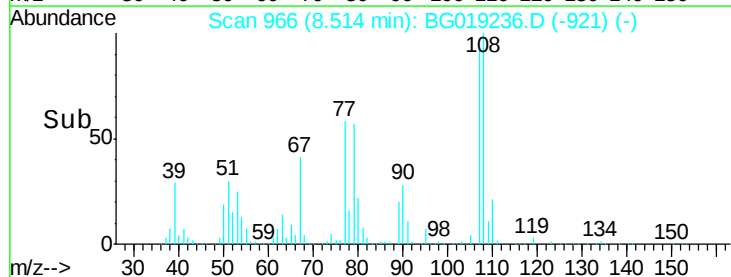
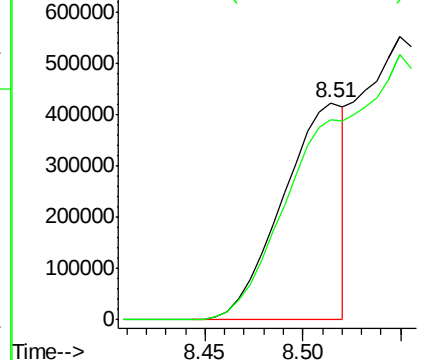
108 100

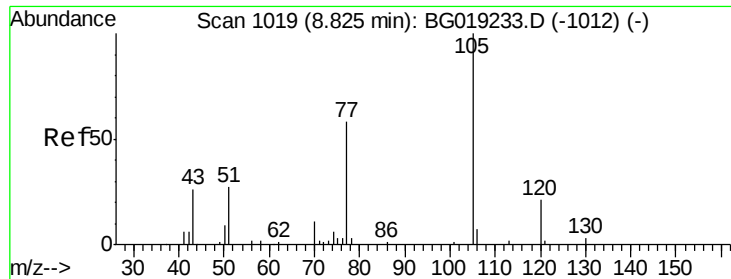
107 92.5 76.7 115.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





#14

Acetophenone

Concen: 41.47 ng/ul

RT: 8.83 min Scan# 1019

Delta R.T. 0.00 min

Lab File: BG019236.D

Acq: 16 Oct 2015 23:15

Instrument :

BNA_G

ClientSampleId :

E5LK7

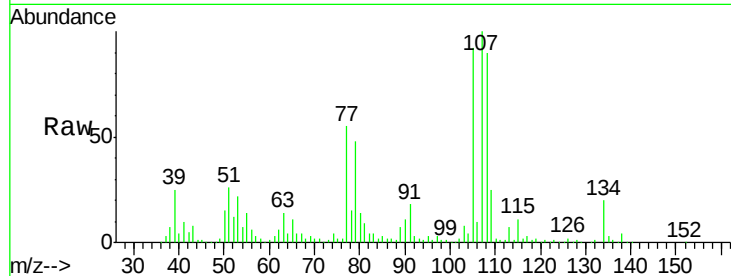
Tot Ion:105 Resp: 133358

Ion Ratio Lower Upper

105 100

77 59.4 63.8 95.6#

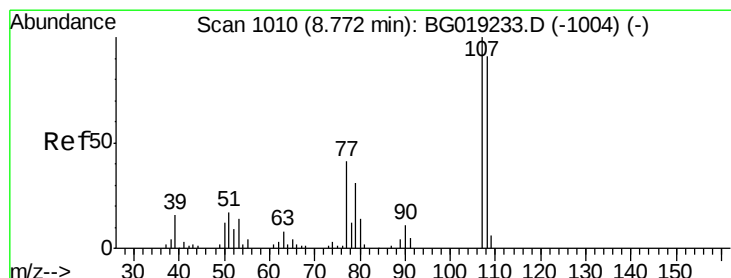
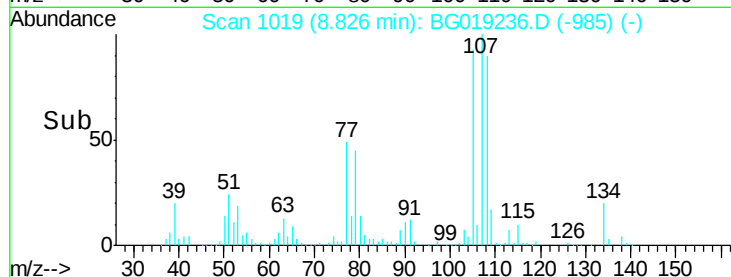
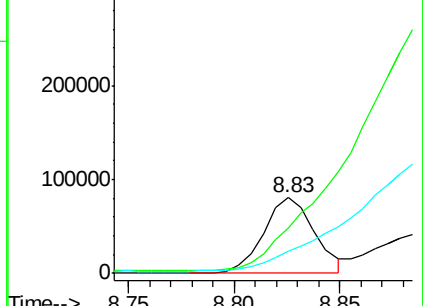
51 28.7 26.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 51.00 (50.70 to 51.70): BG



#16

4-Methylphenol

Concen: 1206.67 ng/ul

RT: 8.91 min Scan# 1033

Delta R.T. 0.14 min

Lab File: BG019236.D

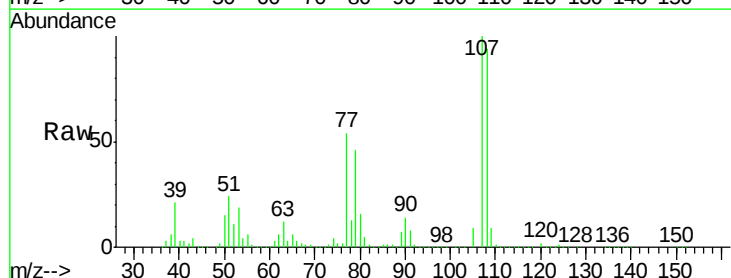
Acq: 16 Oct 2015 23:15

Tgt Ion:108 Resp: 2488360

Ion Ratio Lower Upper

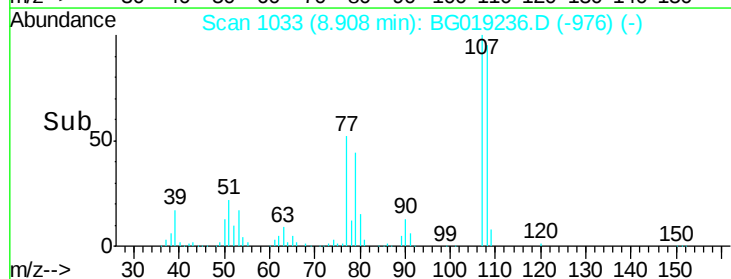
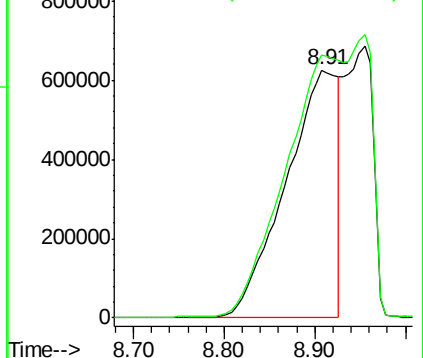
108 100

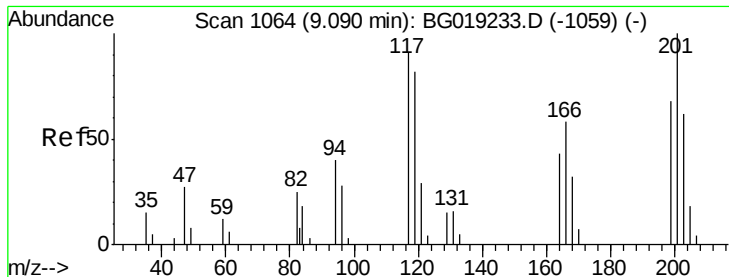
107 106.0 86.6 130.0



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

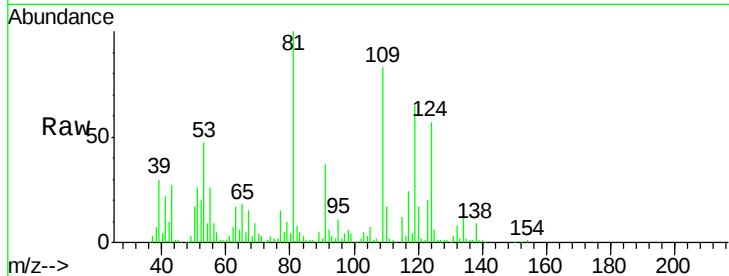




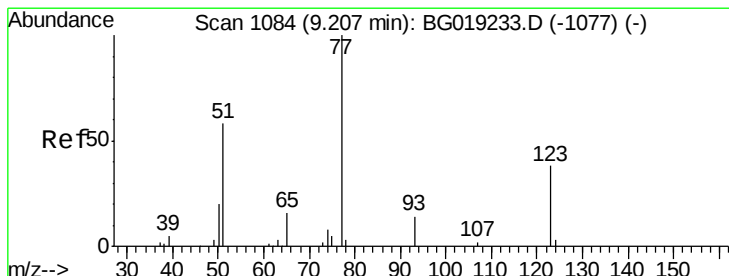
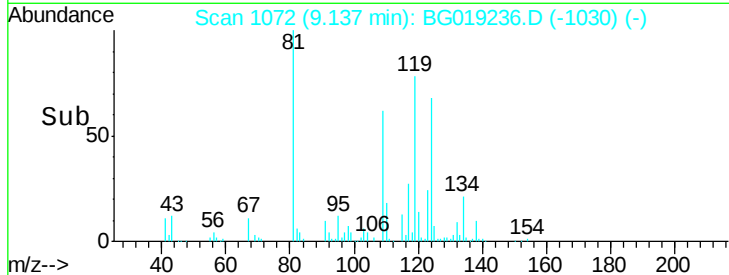
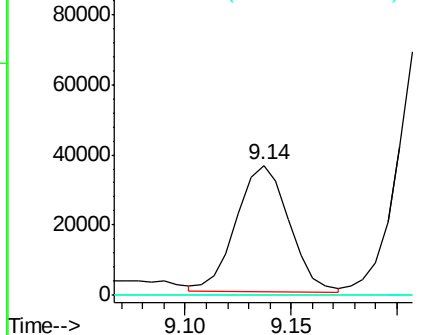
#17
Hexachloroethane
Concen: 86.33 ng/ul
RT: 9.14 min Scan# 1072
Delta R.T. 0.05 min
Lab File: BG019236.D
Acq: 16 Oct 2015 23:15

Instrument :
BNA_G
ClientSampled :
E5LK7

Tot Ion:117 Resp: 62543
Ion Ratio Lower Upper
117 100
201 0.0 91.4 137.0#
199 0.0 58.7 88.1#

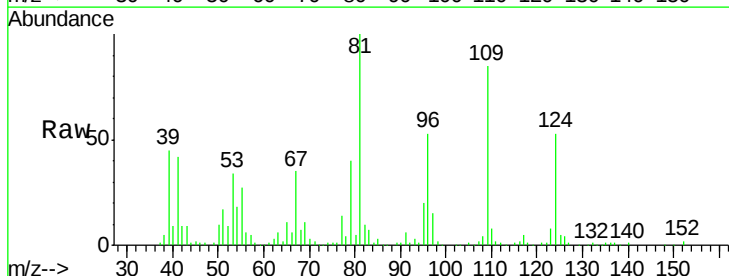


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

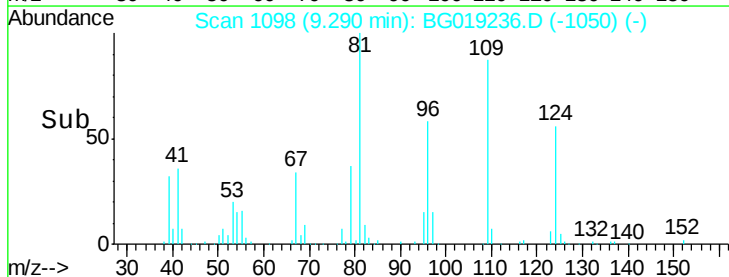
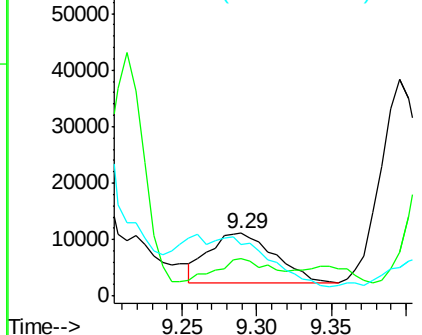


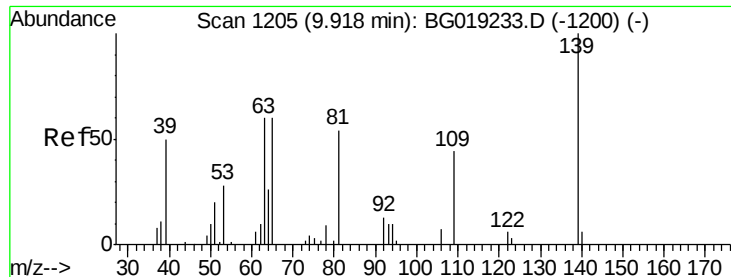
#20
Nitrobenzene
Concen: 10.32 ng/ul
RT: 9.29 min Scan# 1098
Delta R.T. 0.08 min
Lab File: BG019236.D
Acq: 16 Oct 2015 23:15

Tgt Ion: 77 Resp: 26943
Ion Ratio Lower Upper
77 100
123 59.1 32.6 48.8#
65 82.0 10.6 15.8#



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





#23

2-Nitrophenol

Concen: 2.30 ng/ul

RT: 9.94 min Scan# 1209

Delta R.T. 0.02 min

Lab File: BG019236.D

Acq: 16 Oct 2015 23:15

Instrument :

BNA_G

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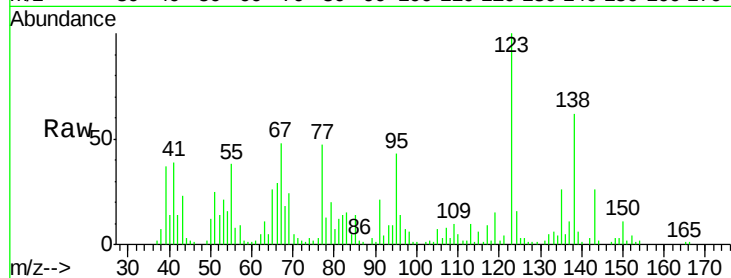
Tot Ion:139 Resp: 2466

Ion Ratio Lower Upper

139 100

65 404.5 45.6 68.4#

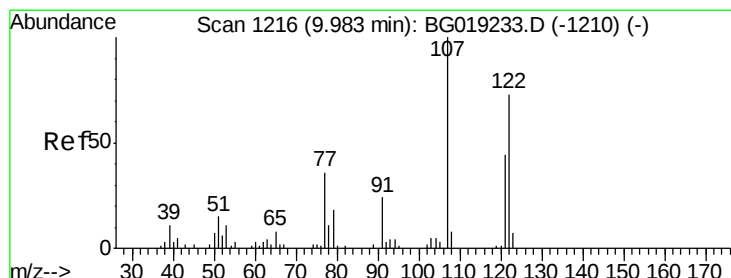
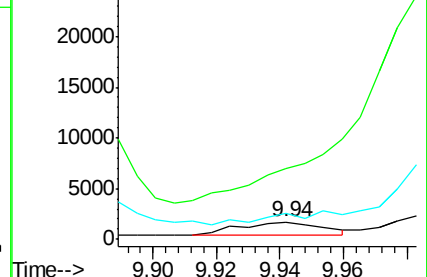
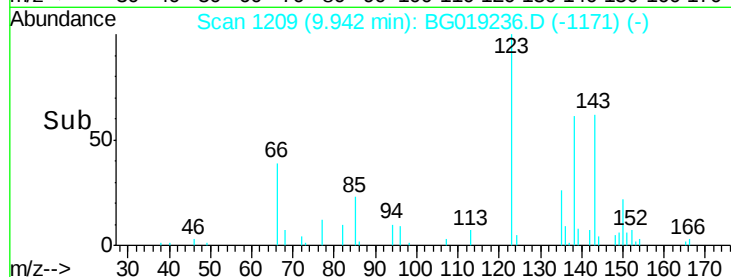
109 147.6 24.7 37.1#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BG019233.D (-1200) (-)

Ion 109.00 (108.70 to 109.70): E



#24

2,4-Dimethylphenol

Concen: 1423.57 ng/ul

RT: 10.12 min Scan# 1240

Delta R.T. 0.14 min

Lab File: BG019236.D

Acq: 16 Oct 2015 23:15

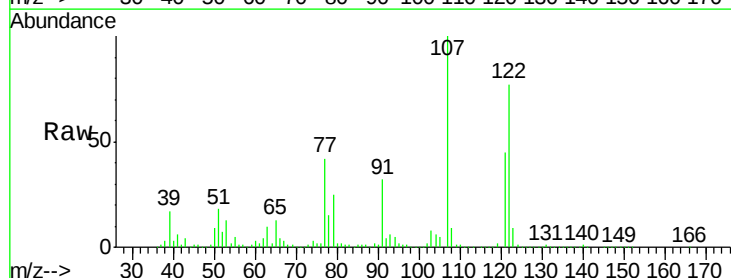
Tgt Ion:107 Resp: 3704754

Ion Ratio Lower Upper

107 100

121 45.1 37.2 55.8

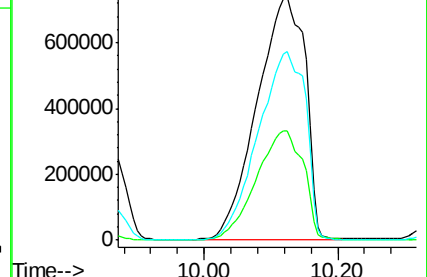
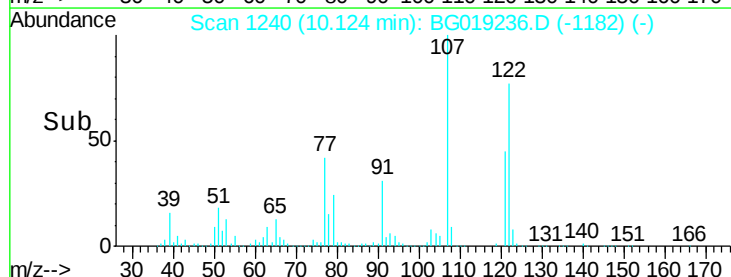
122 77.4 67.6 101.4

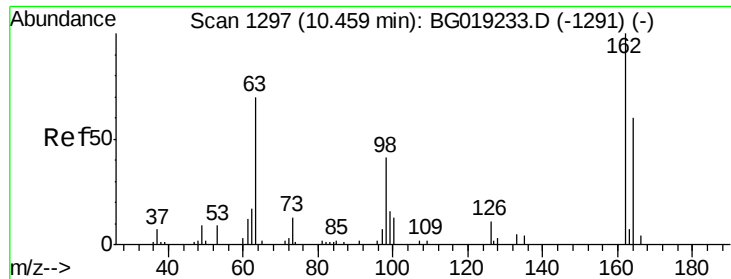


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E

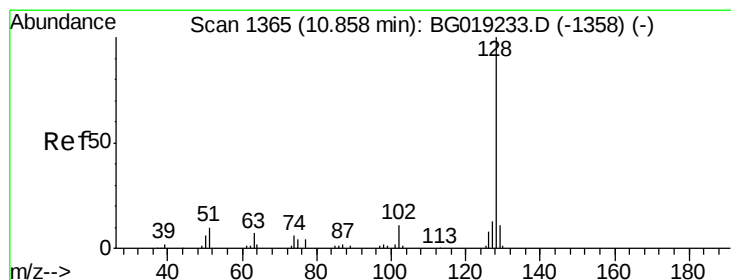
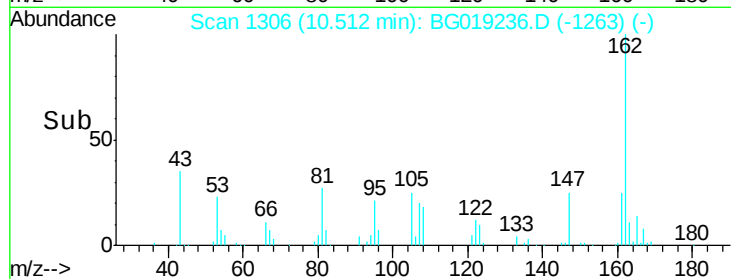
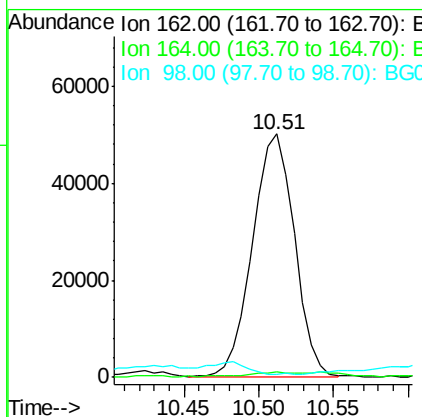
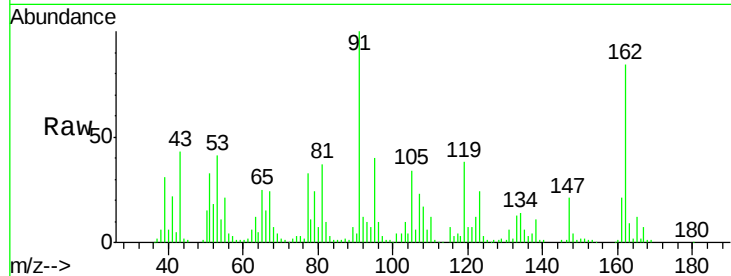




#27
2,4-Dichlorophenol
Concen: 48.03 ng/ul
RT: 10.51 min Scan# 1306
Delta R.T. 0.05 min
Lab File: BG019236.D
Acq: 16 Oct 2015 23:15

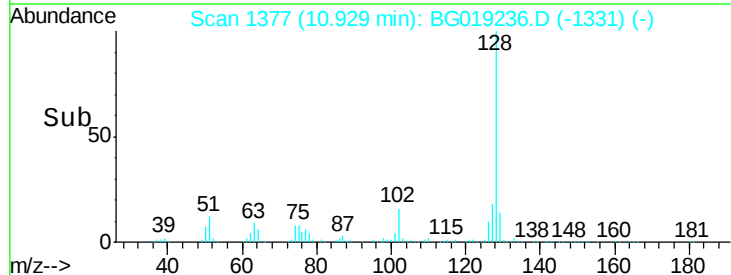
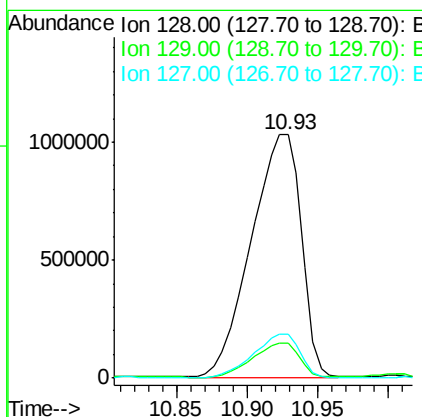
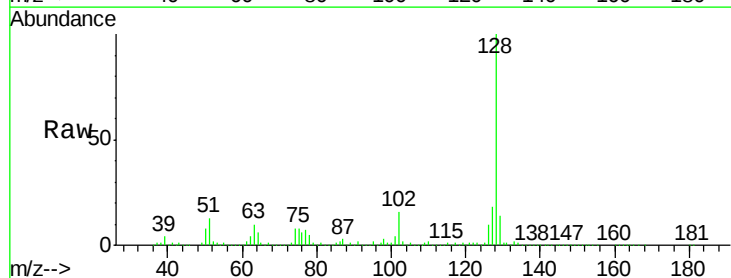
Instrument :
BNA_G
ClientSampleId :
E5LK7

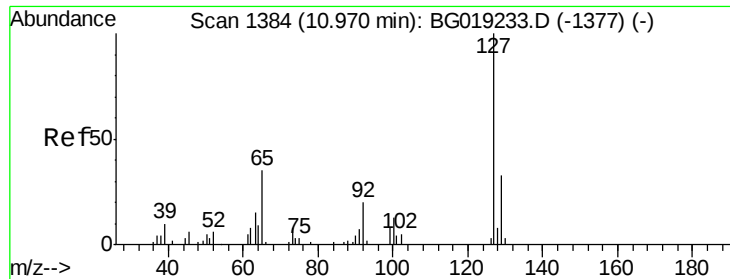
Tot Ion:162 Resp: 97121
Ion Ratio Lower Upper
162 100
164 2.3 50.0 75.0#
98 1.3 29.0 43.6#



#28
Naphthalene
Concen: 397.44 ng/ul
RT: 10.93 min Scan# 1377
Delta R.T. 0.07 min
Lab File: BG019236.D
Acq: 16 Oct 2015 23:15

Tgt Ion:128 Resp: 2568460
Ion Ratio Lower Upper
128 100
129 14.2 9.6 14.4
127 18.1 11.3 16.9#

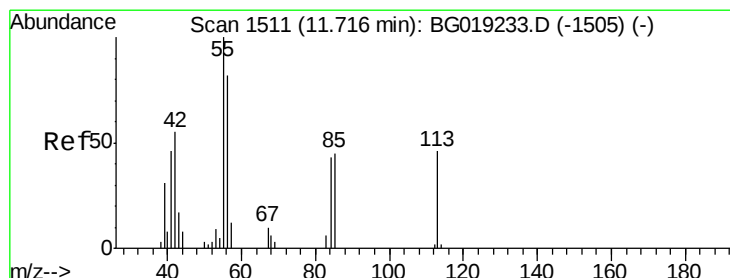
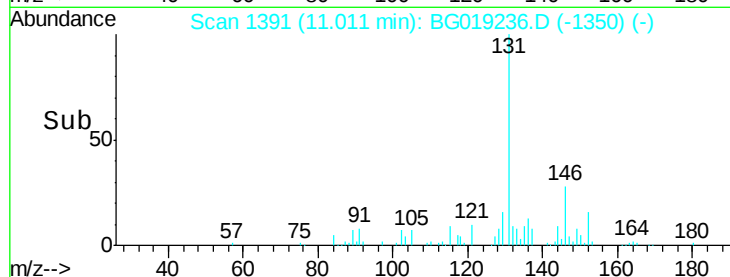
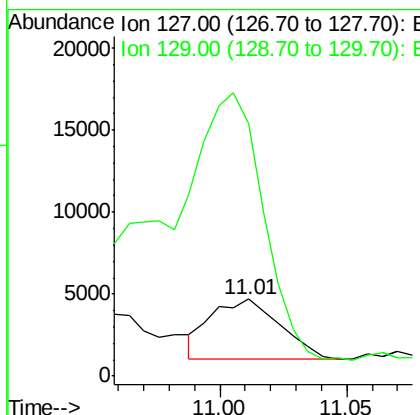
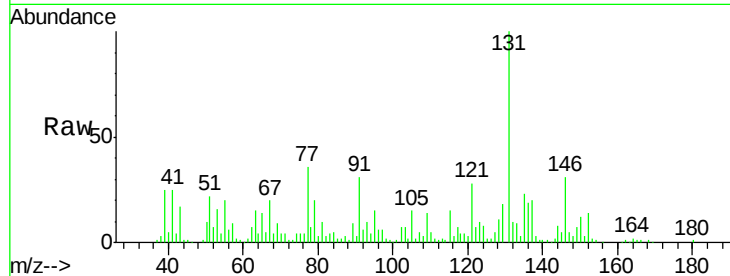




#30
4-Chloroaniline
Concen: 2.62 ng/ul
RT: 11.01 min Scan# 1391
Delta R.T. 0.04 min
Lab File: BG019236.D
Acq: 16 Oct 2015 23:15

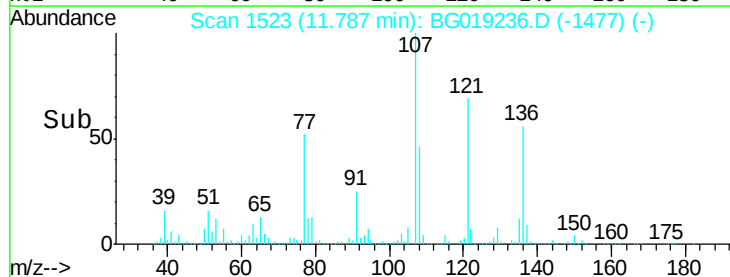
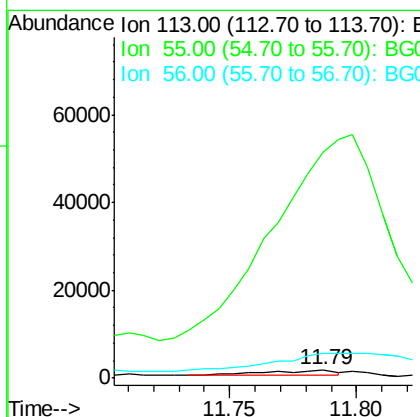
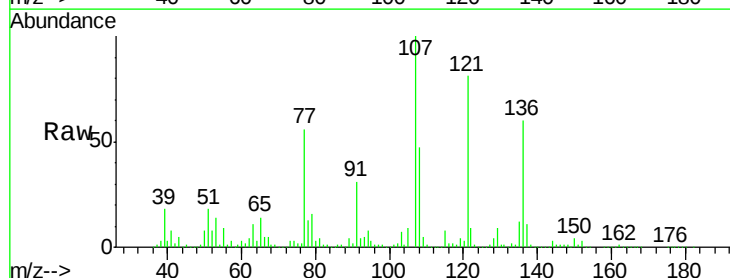
Instrument :
BNA_G
ClientSampleId :
E5LK7

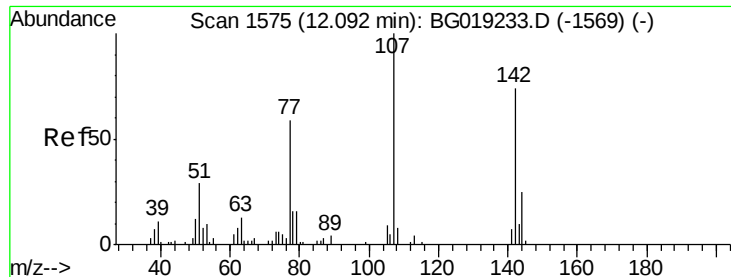
Tot Ion:127 Resp: 6973
Ion Ratio Lower Upper
127 100
129 329.6 24.3 36.5#



#32
Caprolactam
Concen: 2.85 ng/ul
RT: 11.79 min Scan# 1523
Delta R.T. 0.07 min
Lab File: BG019236.D
Acq: 16 Oct 2015 23:15

Tgt Ion:113 Resp: 2137
Ion Ratio Lower Upper
113 100
55 2708.8 169.3 253.9#
56 292.0 125.8 188.8#

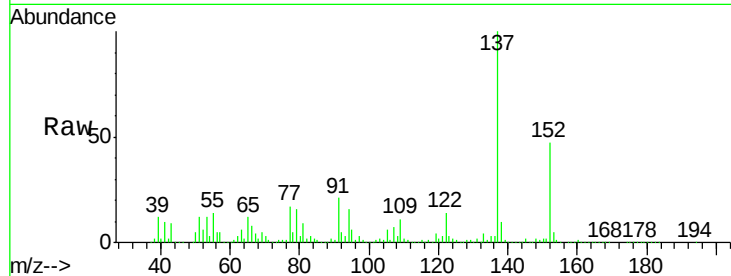




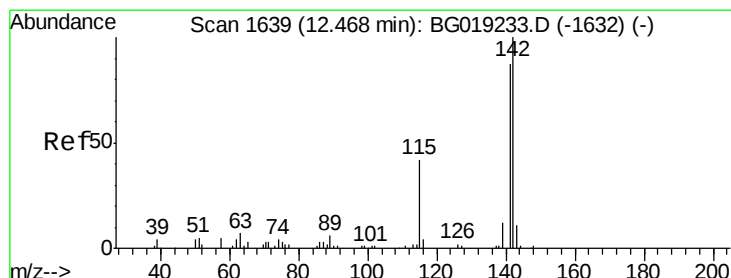
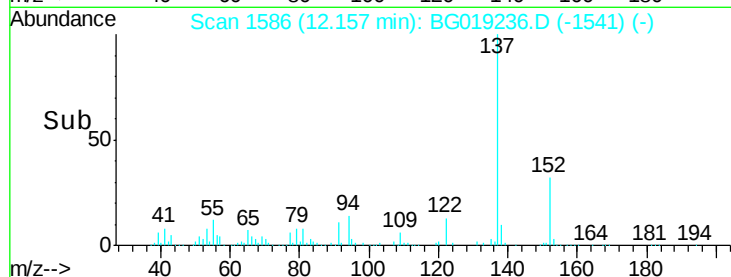
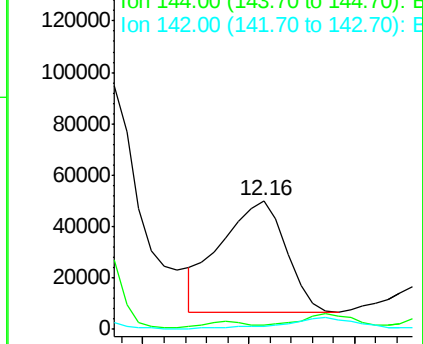
#33
 4-Chloro-3-methylphenol
 Concen: 36.50 ng/ul
 RT: 12.16 min Scan# 1586
 Delta R.T. 0.06 min
 Lab File: BG019236.D
 Acq: 16 Oct 2015 23:15

Instrument :
 BNA_G
 ClientSampleId :
 E5LK7

Tot Ion:107 Resp: 92975
 Ion Ratio Lower Upper
 107 100
 144 3.5 20.9 31.3#
 142 2.8 65.6 98.4#

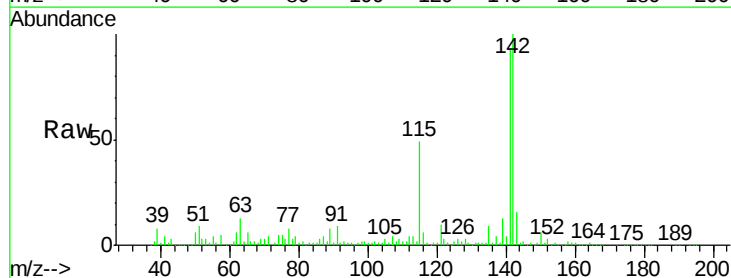


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

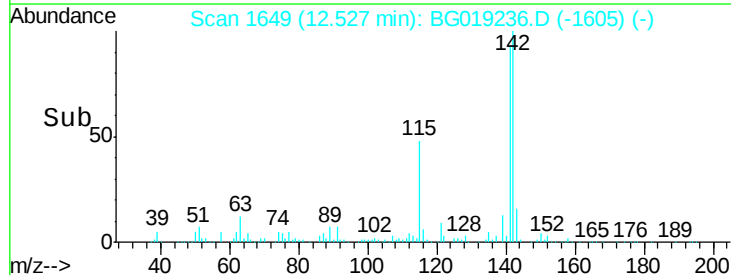
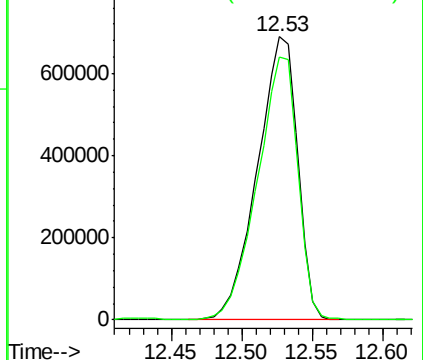


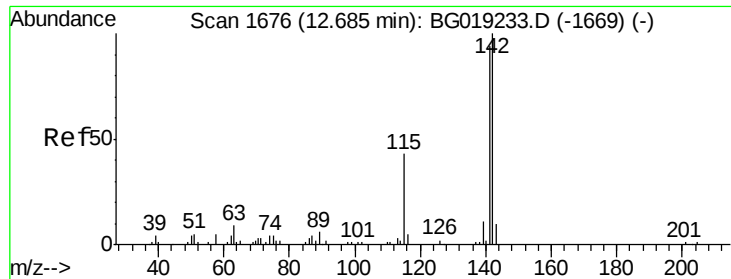
#34
 2-Methylnaphthalene
 Concen: 267.18 ng/ul
 RT: 12.53 min Scan# 1649
 Delta R.T. 0.06 min
 Lab File: BG019236.D
 Acq: 16 Oct 2015 23:15

Tgt Ion:142 Resp: 1368707
 Ion Ratio Lower Upper
 142 100
 141 92.9 73.4 110.0



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

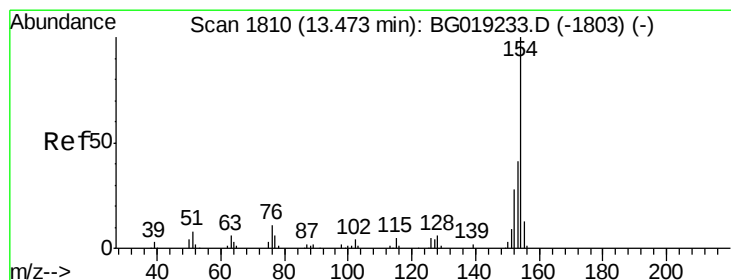
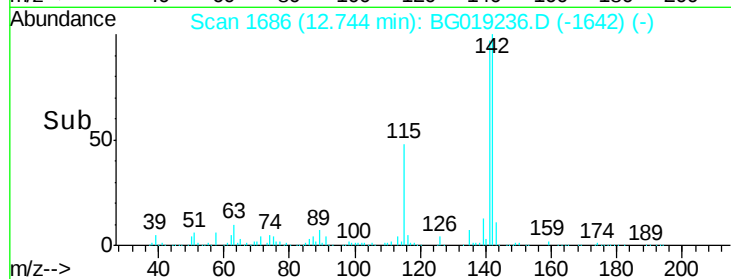
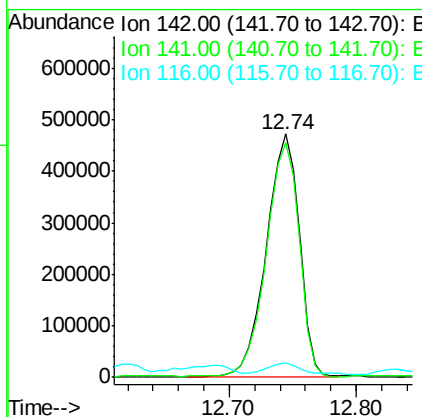
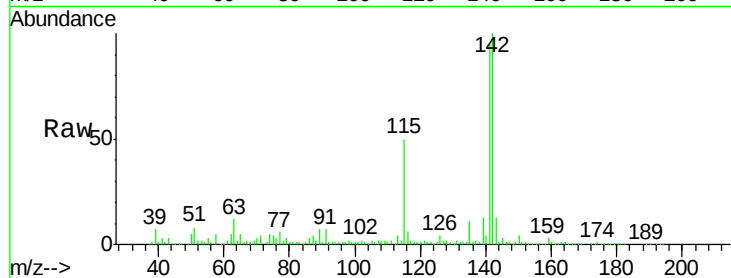




#35
 1-Methylnaphthalene
 Concen: 170.89 ng/ul
 RT: 12.74 min Scan# 1686
 Delta R.T. 0.06 min
 Lab File: BG019236.D
 Acq: 16 Oct 2015 23:15

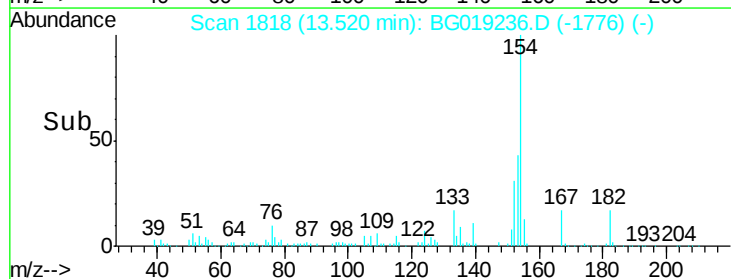
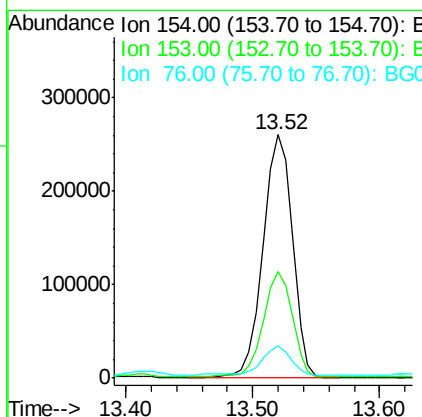
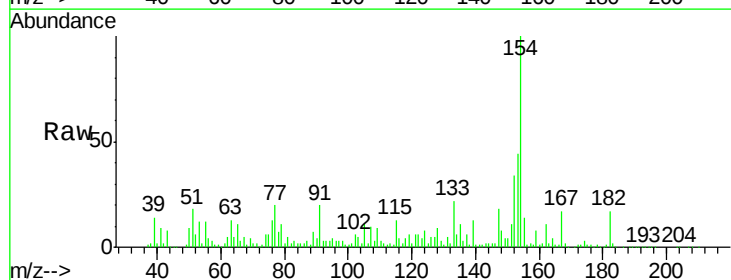
Instrument :
 BNA_G
 ClientSampleId :
 E5LK7

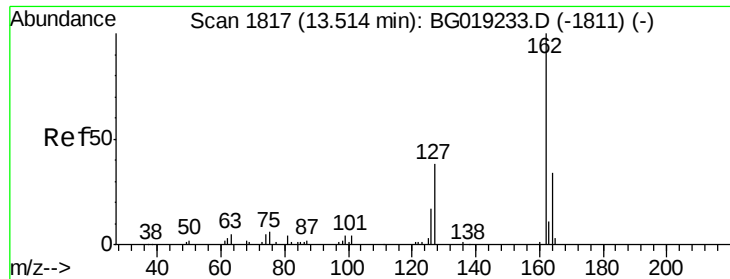
Tot Ion:142 Resp: 857328
 Ion Ratio Lower Upper
 142 100
 141 96.3 74.8 112.2
 116 5.8 3.2 4.8#



#41
 1,1'-Biphenyl
 Concen: 83.48 ng/ul
 RT: 13.52 min Scan# 1818
 Delta R.T. 0.05 min
 Lab File: BG019236.D
 Acq: 16 Oct 2015 23:15

Tgt Ion:154 Resp: 420380
 Ion Ratio Lower Upper
 154 100
 153 43.8 31.4 47.0
 76 13.1 10.8 16.2

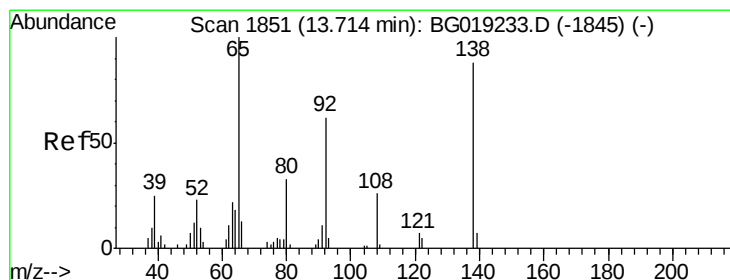
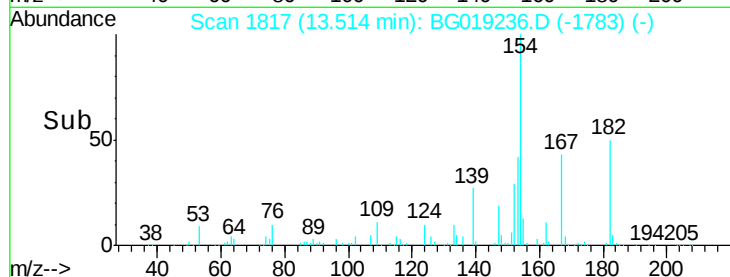
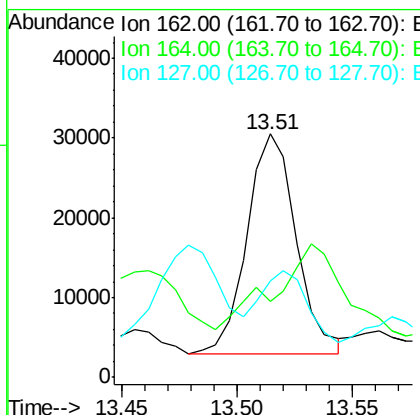
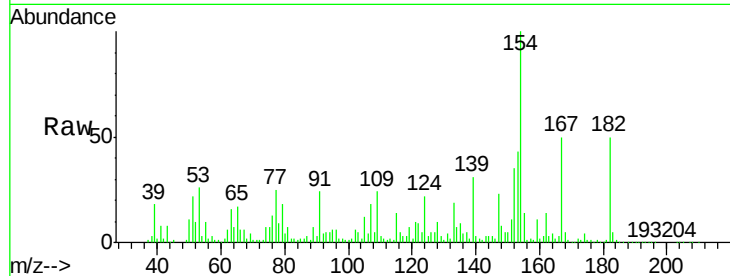




#42
2-Chloronaphthalene
Concen: 10.46 ng/ul
RT: 13.51 min Scan# 1817
Delta R.T. 0.00 min
Lab File: BG019236.D
Acq: 16 Oct 2015 23:15

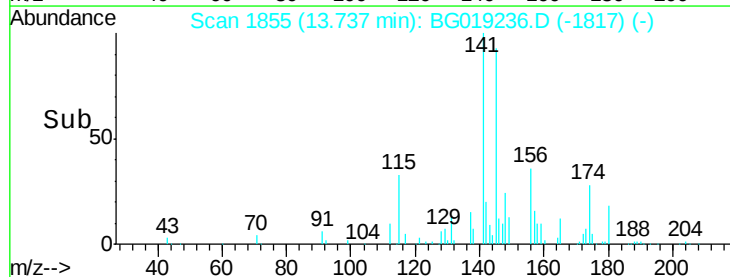
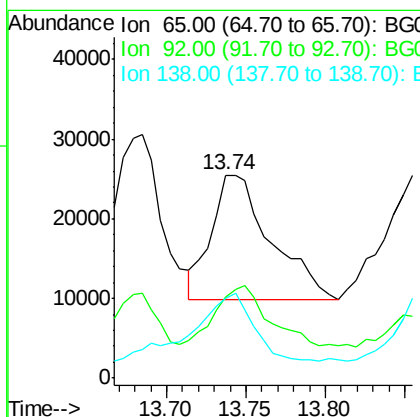
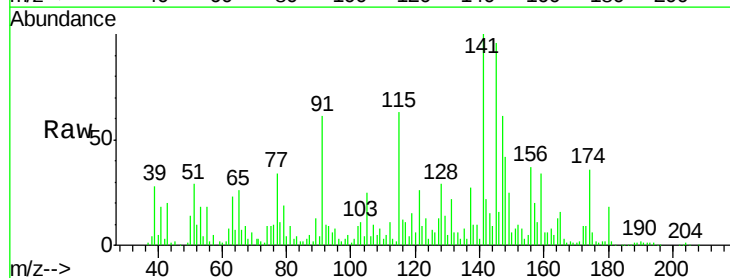
Instrument :
BNA_G
ClientSampleId :
E5LK7

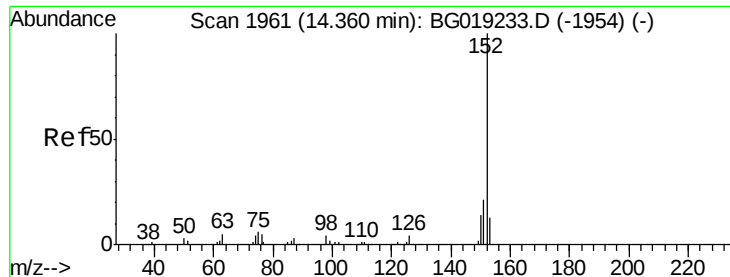
Tot Ion	Ratio	Lower	Upper
162	100		
164	31.3	25.8	38.8
127	39.4	29.0	43.4



#43
2-Nitroaniline
Concen: 26.51 ng/ul
RT: 13.74 min Scan# 1855
Delta R.T. 0.02 min
Lab File: BG019236.D
Acq: 16 Oct 2015 23:15

Tgt Ion	Ratio	Lower	Upper
65	100		
92	39.9	50.7	76.1#
138	39.4	74.9	112.3#





#48

Acenaphthylene

Concen: 27.46 ng/ul

RT: 14.41 min Scan# 1970

Delta R.T. 0.05 min

Lab File: BG019236.D

Acq: 16 Oct 2015 23:15

Instrument :

BNA_G

ClientSampled :

E5LK7

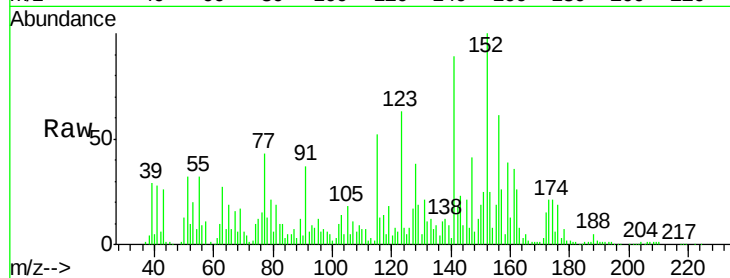
Tot Ion:152 Resp: 184664

Ion Ratio Lower Upper

152 100

151 24.8 16.6 25.0

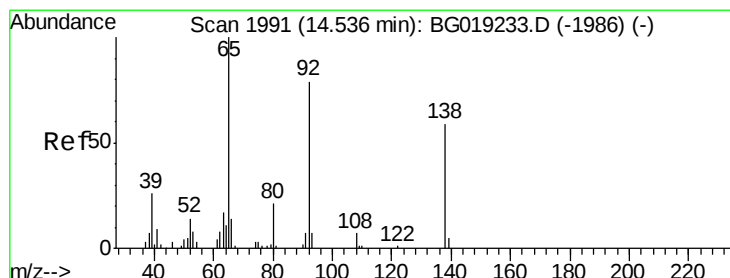
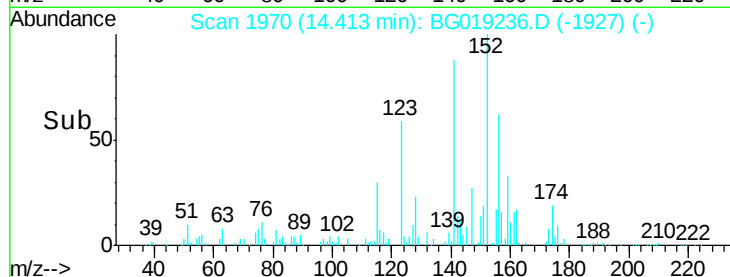
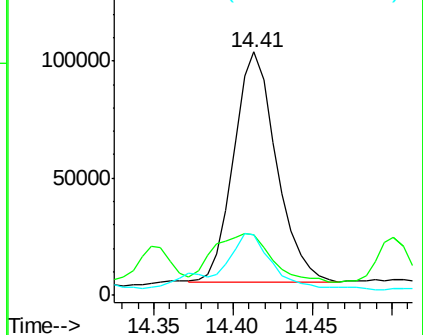
153 24.7 10.5 15.7#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

3-Nitroaniline

Concen: 1.00 ng/ul

RT: 14.56 min Scan# 1995

Delta R.T. 0.02 min

Lab File: BG019236.D

Acq: 16 Oct 2015 23:15

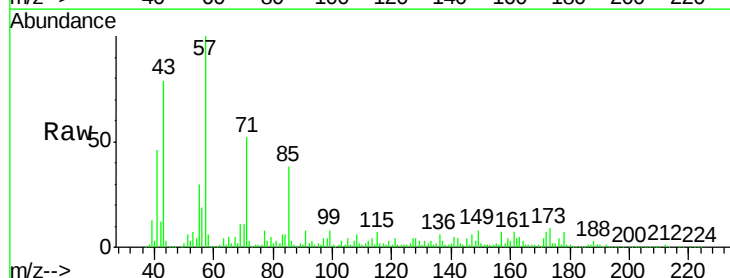
Tgt Ion:138 Resp: 1039

Ion Ratio Lower Upper

138 100

108 874.2 8.9 13.3#

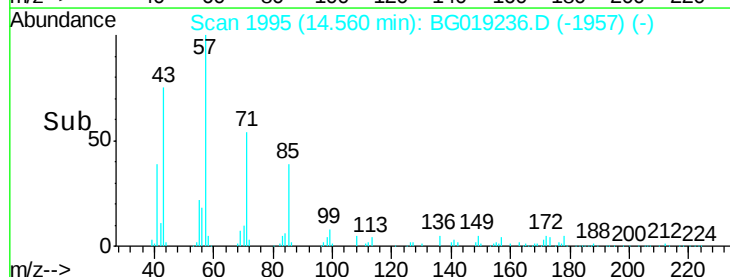
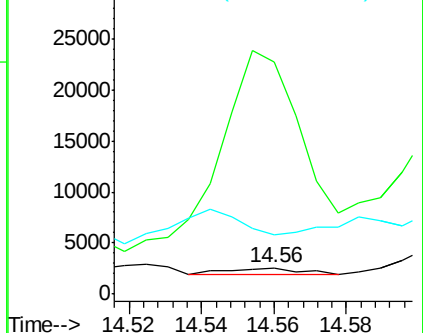
92 221.9 92.4 138.6#

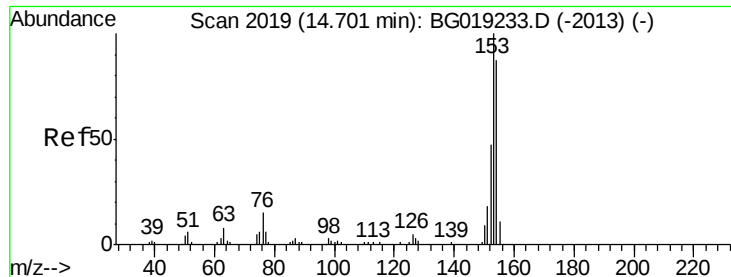


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#50

Acenaphthene

Concen: 28.32 ng/ul

RT: 14.75 min Scan# 2027

Delta R.T. 0.05 min

Lab File: BG019236.D

Acq: 16 Oct 2015 23:15

Instrument :

BNA_G

ClientSampleId :

E5LK7

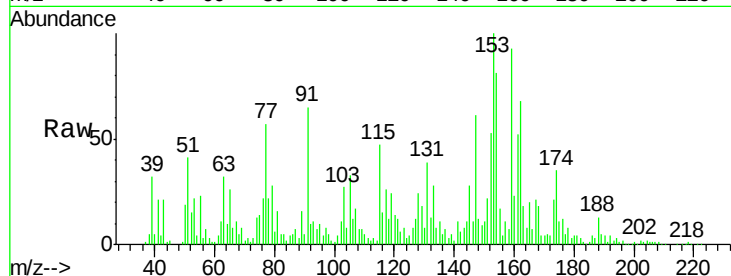
Tot Ion:153 Resp: 127529

Ion Ratio Lower Upper

153 100

152 52.8 36.2 54.2

154 80.6 67.5 101.3



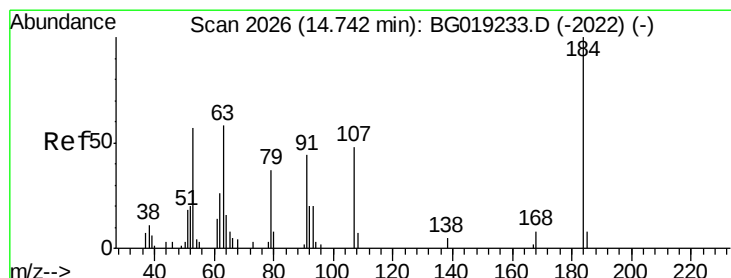
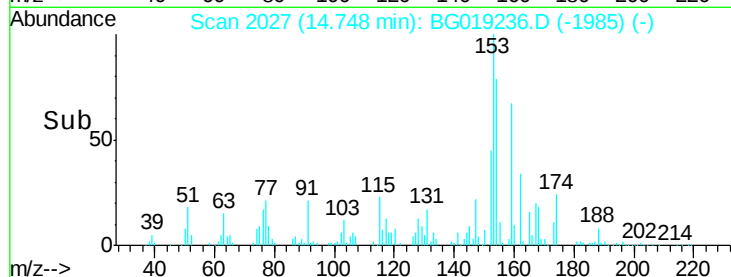
Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

14.75

Time-->



#51

2,4-Dinitrophenol

Concen: 2.01 ng/ul

RT: 14.78 min Scan# 2033

Delta R.T. 0.04 min

Lab File: BG019236.D

Acq: 16 Oct 2015 23:15

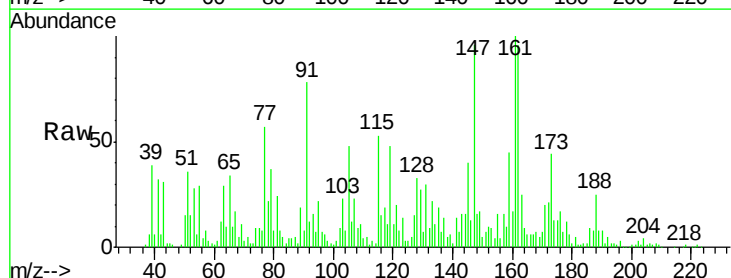
Tgt Ion:184 Resp: 1245

Ion Ratio Lower Upper

184 100

63 1621.4 51.0 76.4#

154 222.2 56.5 84.7#



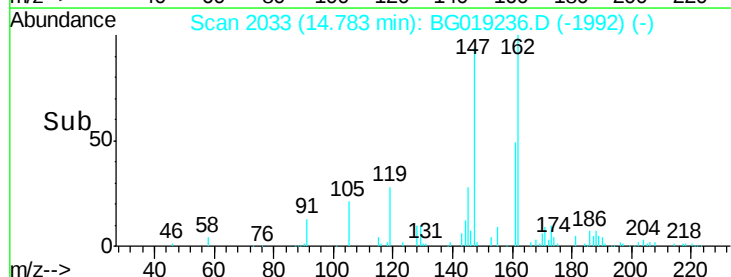
Abundance Ion 184.00 (183.70 to 184.70): E

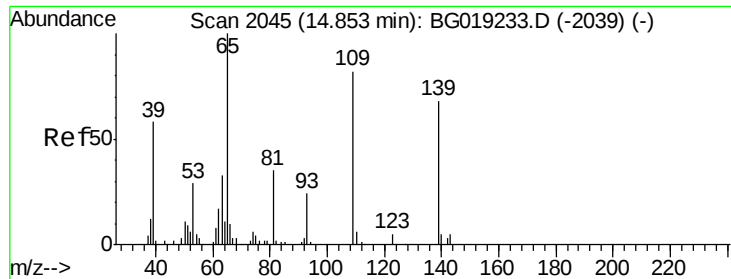
Ion 63.00 (62.70 to 63.70): BG0

Ion 154.00 (153.70 to 154.70): E

14.78

Time-->





#53

4-Nitrophenol

Concen: 89.12 ng/ul

RT: 14.89 min Scan# 2052

Delta R.T. 0.04 min

Lab File: BG019236.D

Acq: 16 Oct 2015 23:15

Instrument :

BNA_G

ClientSampleId :

E5LK7

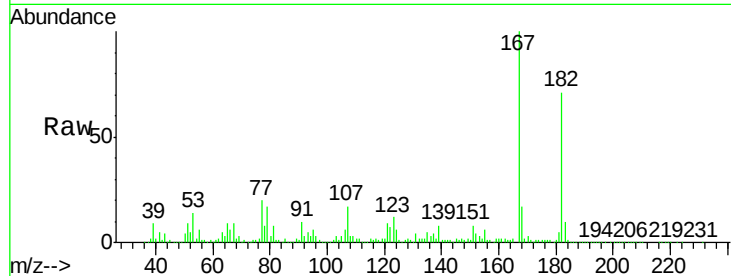
Tot Ion:109 Resp: 98798

Ion Ratio Lower Upper

109 100

139 260.5 97.9 146.9#

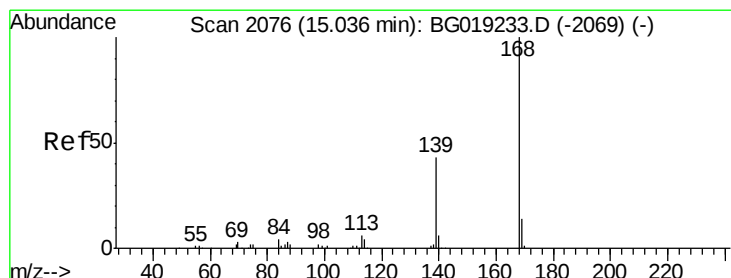
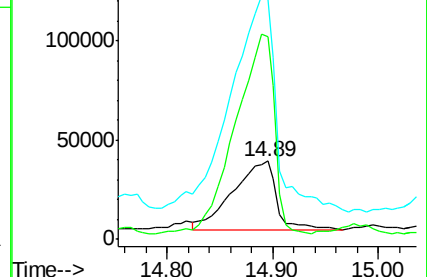
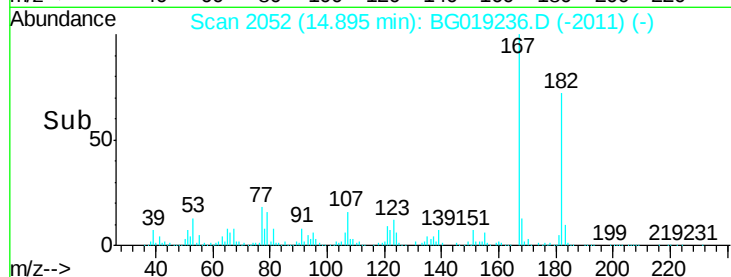
65 307.4 117.4 176.0#



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BGC



#54

Dibenzofuran

Concen: 91.09 ng/ul

RT: 15.09 min Scan# 2085

Delta R.T. 0.05 min

Lab File: BG019236.D

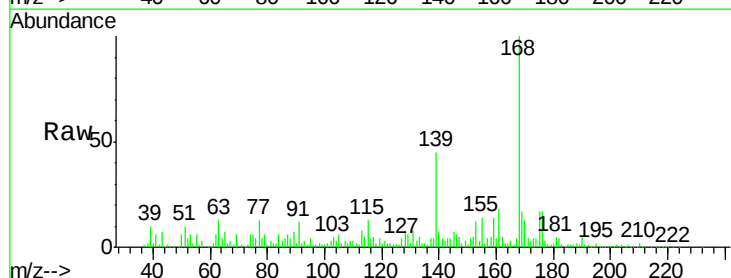
Acq: 16 Oct 2015 23:15

Tgt Ion:168 Resp: 579700

Ion Ratio Lower Upper

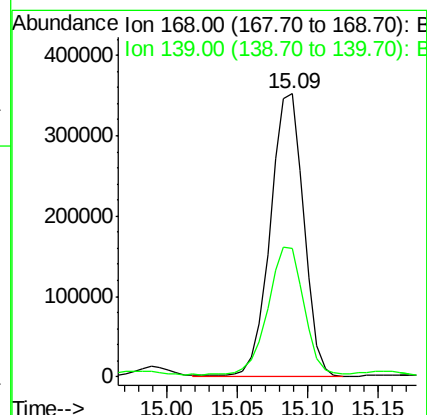
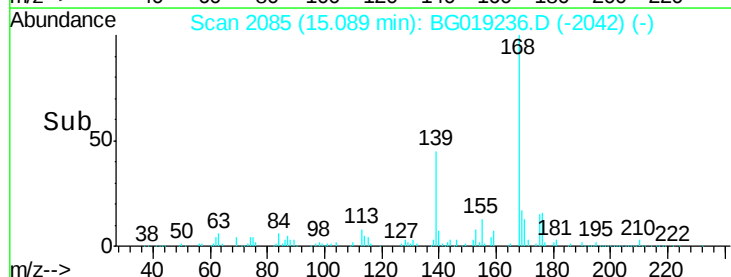
168 100

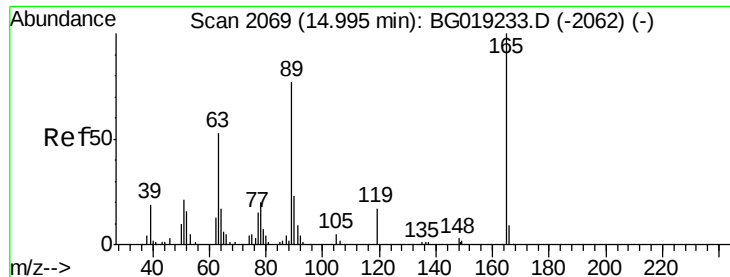
139 45.4 28.5 42.7#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

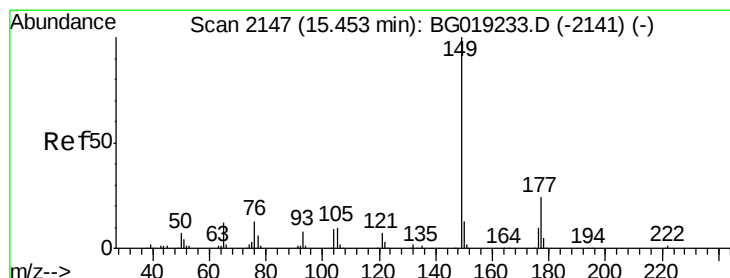
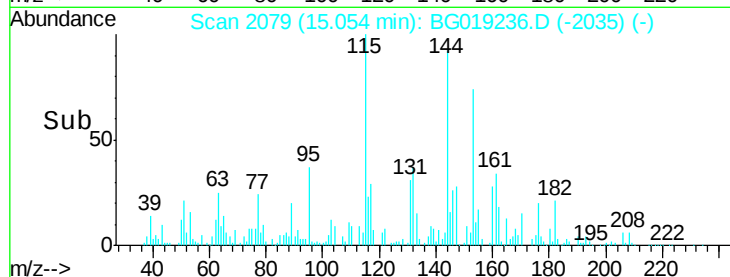
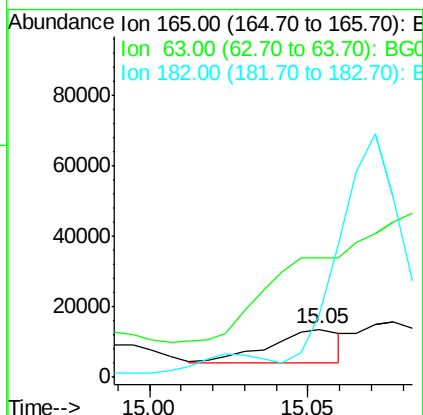
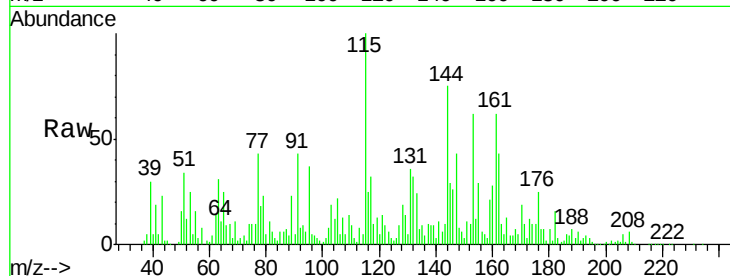




#55
 2,4-Dinitrotoluene
 Concen: 8.52 ng/ul
 RT: 15.05 min Scan# 2079
 Delta R.T. 0.06 min
 Lab File: BG019236.D
 Acq: 16 Oct 2015 23:15

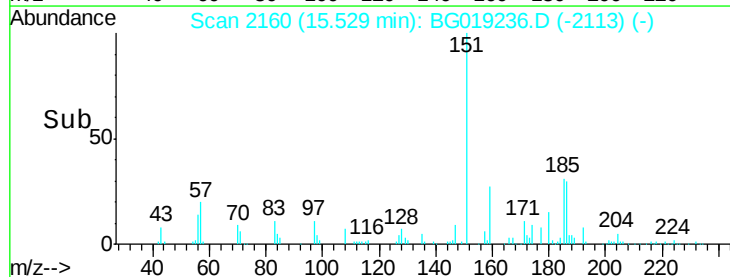
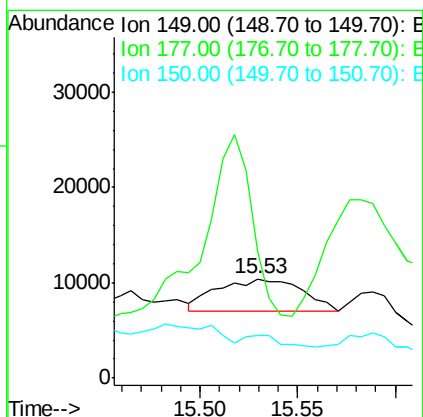
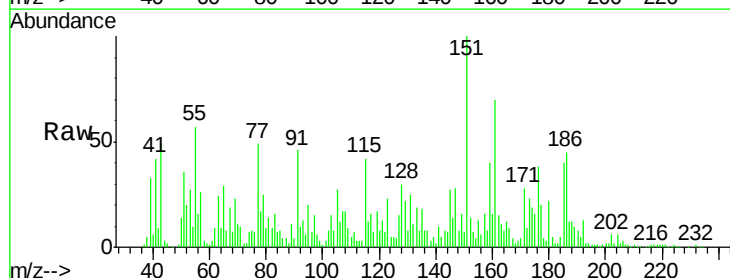
Instrument :
 BNA_G
 ClientSampleId :
 E5LK7

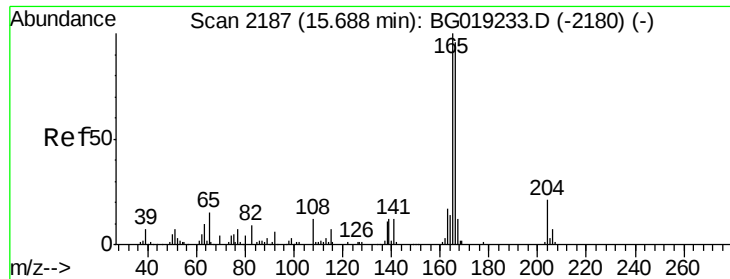
Tot Ion:165 Resp: 14988
 Ion Ratio Lower Upper
 165 100
 63 249.0 39.5 59.3#
 182 128.3 2.2 3.2#



#57
 Diethylphthalate
 Concen: 1.69 ng/ul
 RT: 15.53 min Scan# 2160
 Delta R.T. 0.08 min
 Lab File: BG019236.D
 Acq: 16 Oct 2015 23:15

Tgt Ion:149 Resp: 9974
 Ion Ratio Lower Upper
 149 100
 177 128.1 17.4 26.0#
 150 43.2 10.0 15.0#





#59

Fluorene

Concen: 76.68 ng/ul

RT: 15.74 min Scan# 2195

Delta R.T. 0.05 min

Lab File: BG019236.D

Acq: 16 Oct 2015 23:15

Instrument :

BNA_G

ClientSampleId :

E5LK7

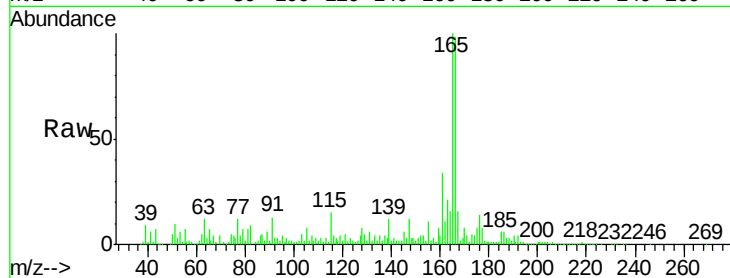
Tot Ion:166 Resp: 417656

Ion Ratio Lower Upper

166 100

165 101.6 77.7 116.5

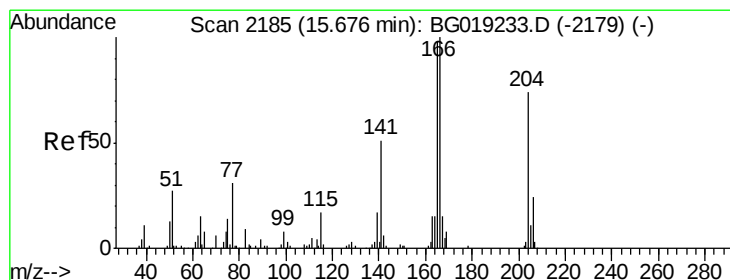
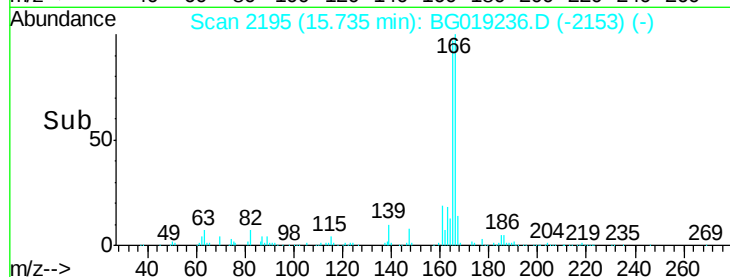
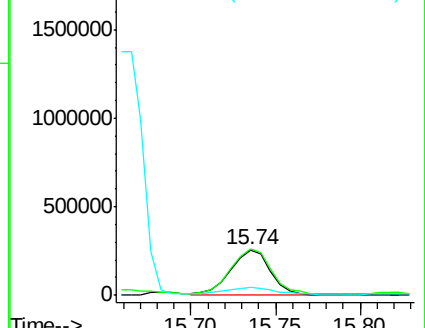
167 16.5 10.4 15.6#



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



#60

4-Chlorophenyl-phenylether

Concen: 2.20 ng/ul

RT: 15.73 min Scan# 2194

Delta R.T. 0.05 min

Lab File: BG019236.D

Acq: 16 Oct 2015 23:15

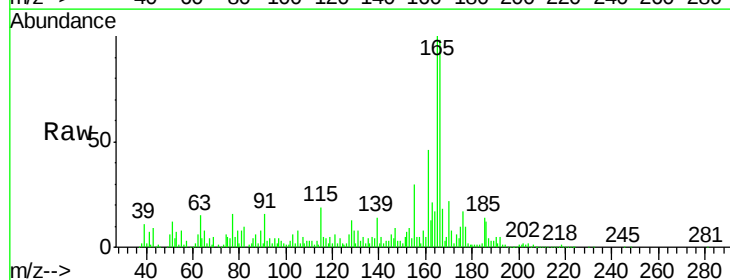
Tgt Ion:204 Resp: 6175

Ion Ratio Lower Upper

204 100

206 49.4 26.4 39.6#

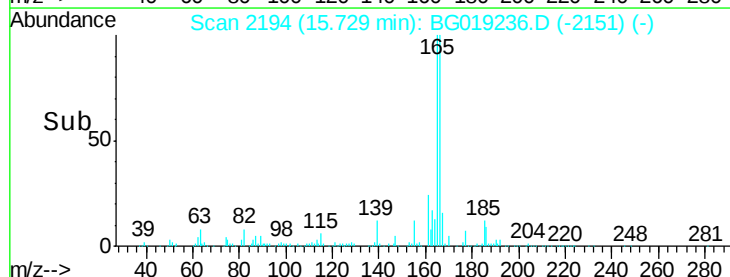
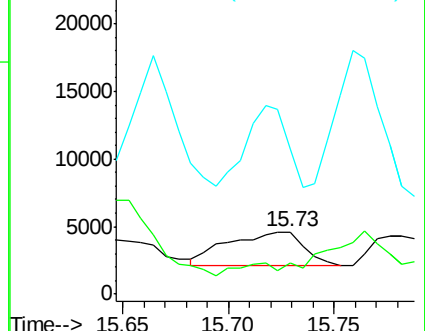
141 232.1 44.4 66.6#

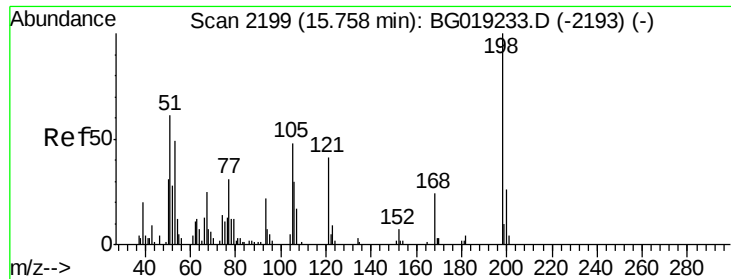


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#64

4,6-Dinitro-2-methylphenol

Concen: 1.14 ng/ul

RT: 15.82 min Scan# 2209

Delta R.T. 0.06 min

Lab File: BG019236.D

Acq: 16 Oct 2015 23:15

Instrument :

BNA_G

ClientSampleId :

E5LK7

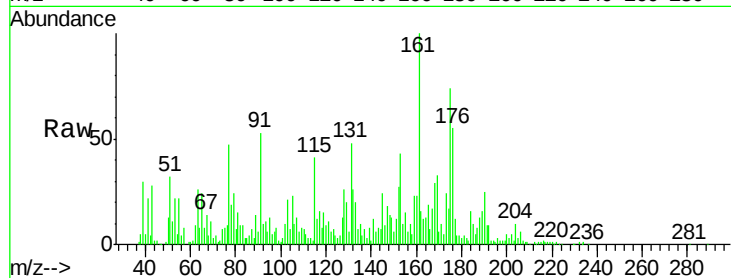
Tot Ion:198 Resp: 883

Ion Ratio Lower Upper

198 100

182 134.3 4.3 6.5#

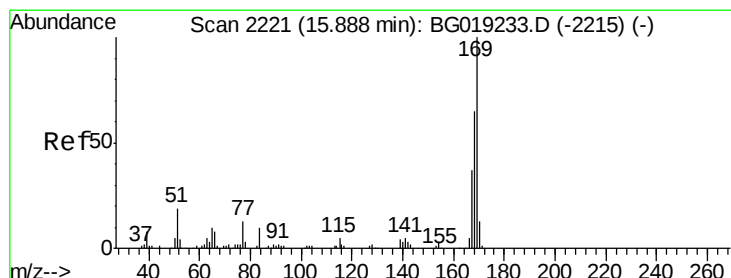
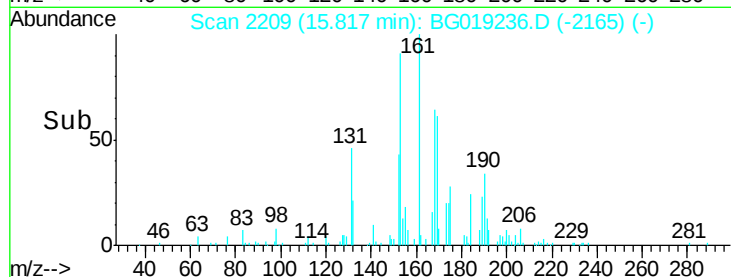
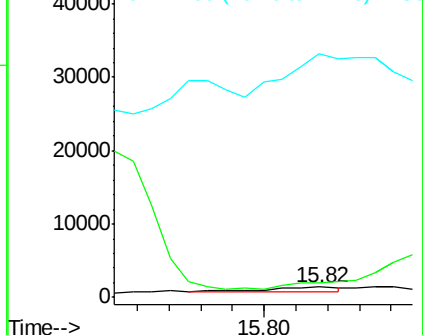
77 2317.4 20.2 30.2#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): BGC



#65

N-Nitrosodiphenylamine

Concen: 12.52 ng/ul

RT: 15.93 min Scan# 2229

Delta R.T. 0.05 min

Lab File: BG019236.D

Acq: 16 Oct 2015 23:15

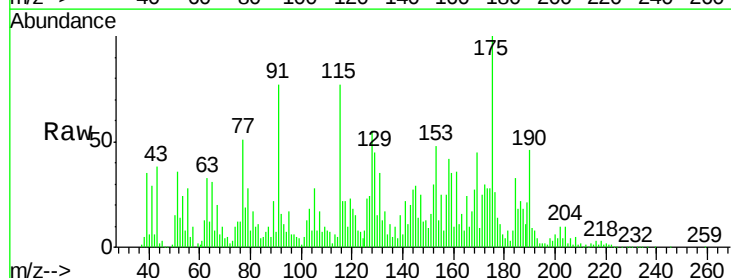
Tgt Ion:169 Resp: 42907

Ion Ratio Lower Upper

169 100

168 59.9 58.2 87.4

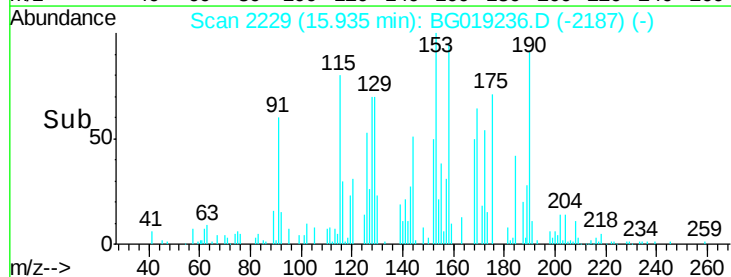
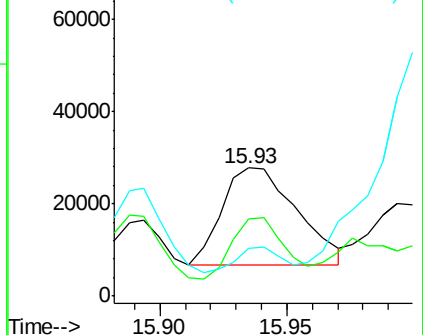
167 37.2 30.9 46.3

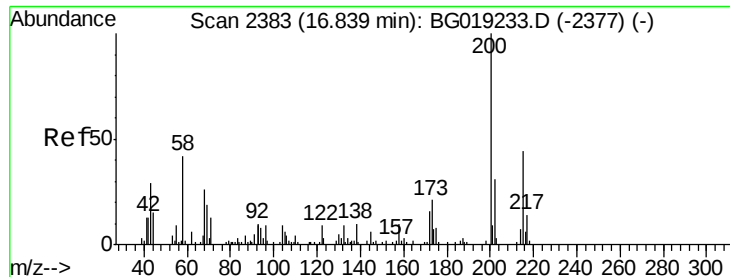


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

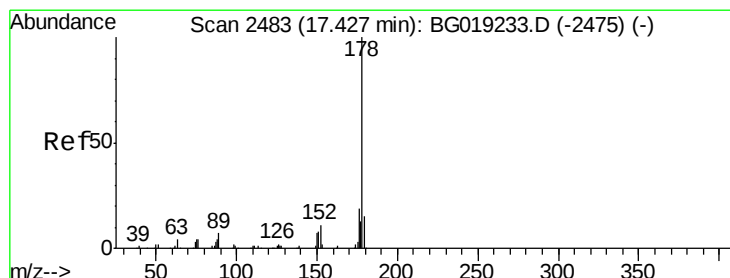
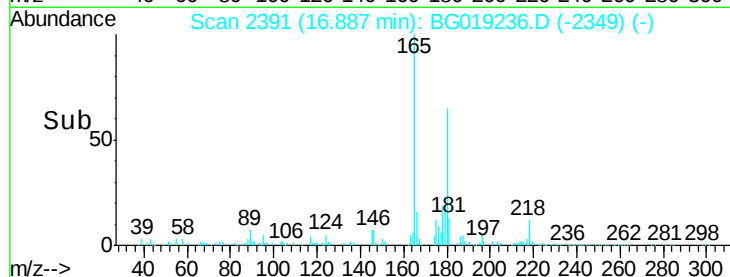
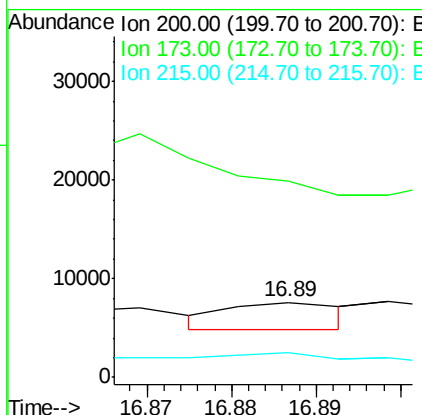
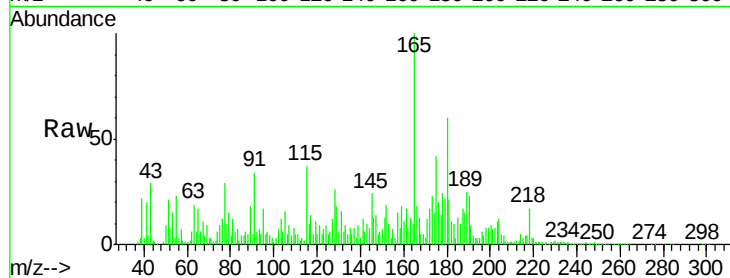




#68
Atrazine
Concen: 1.59 ng/ul
RT: 16.89 min Scan# 2391
Delta R.T. 0.05 min
Lab File: BG019236.D
Acq: 16 Oct 2015 23:15

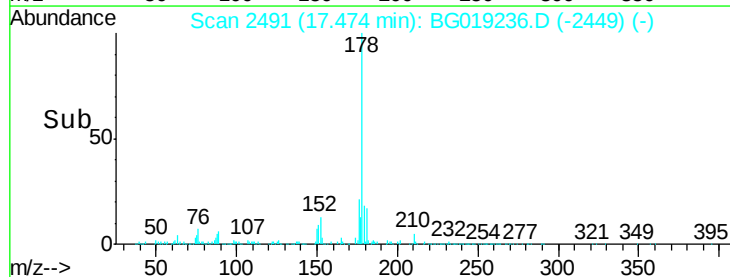
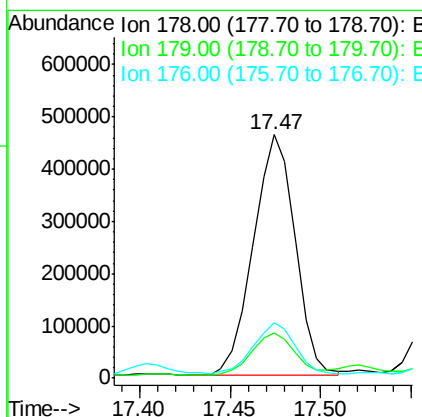
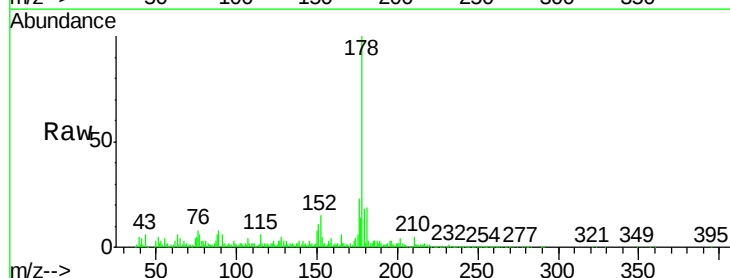
Instrument :
BNA_G
ClientSampleId :
E5LK7

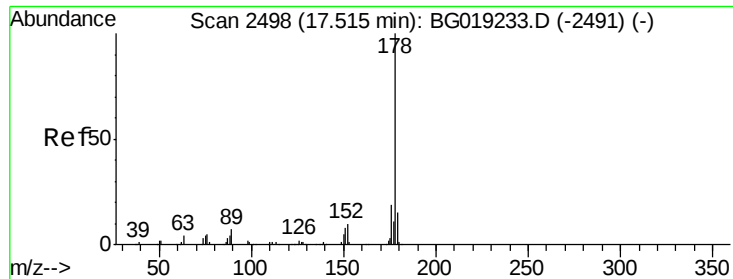
Tot Ion	Ratio	Lower	Upper
200	100		
173	261.1	18.5	27.7#
215	32.2	35.9	53.9#



#70
Phenanthrene
Concen: 105.97 ng/ul
RT: 17.47 min Scan# 2491
Delta R.T. 0.05 min
Lab File: BG019236.D
Acq: 16 Oct 2015 23:15

Tgt Ion	Ratio	Lower	Upper
178	100		
179	18.4	12.5	18.7
176	22.8	15.4	23.0





#72

Anthracene

Concen: 23.93 ng/ul

RT: 17.56 min Scan# 2506

Delta R.T. 0.05 min

Lab File: BG019236.D

Acq: 16 Oct 2015 23:15

Instrument :

BNA_G

ClientSampleId :

E5LK7

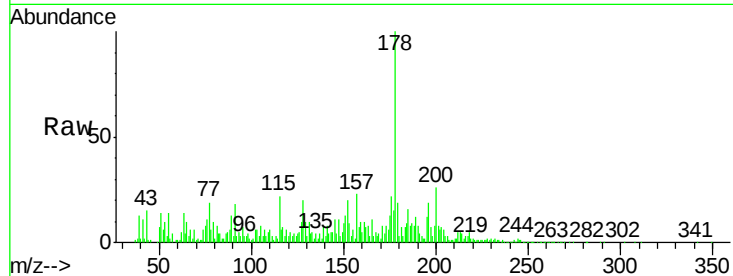
Tot Ion:178 Resp: 169228

Ion Ratio Lower Upper

178 100

179 19.3 12.2 18.4#

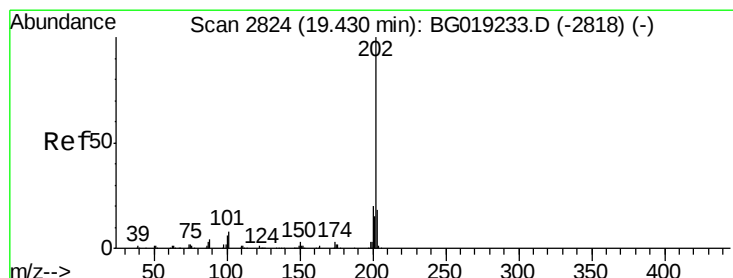
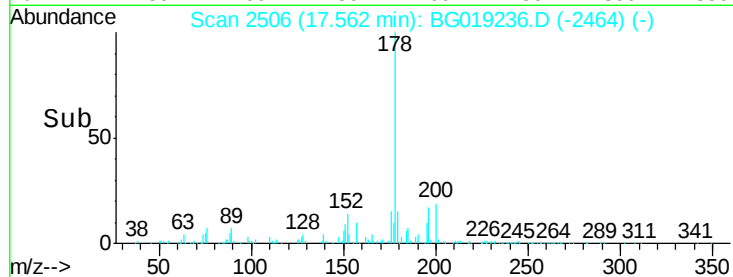
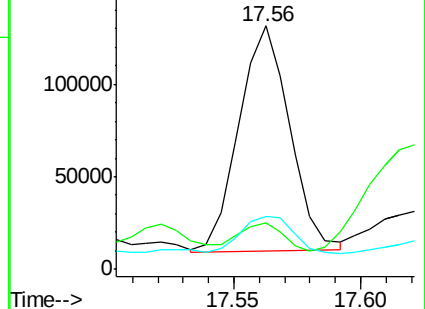
176 21.9 15.0 22.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#77

Fluoranthene

Concen: 24.82 ng/ul

RT: 19.48 min Scan# 2832

Delta R.T. 0.05 min

Lab File: BG019236.D

Acq: 16 Oct 2015 23:15

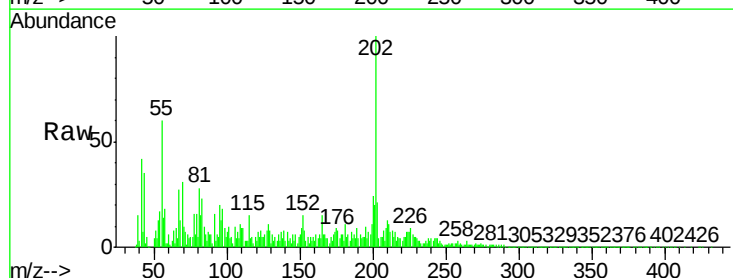
Tgt Ion:202 Resp: 216216

Ion Ratio Lower Upper

202 100

101 9.9 9.0 13.4

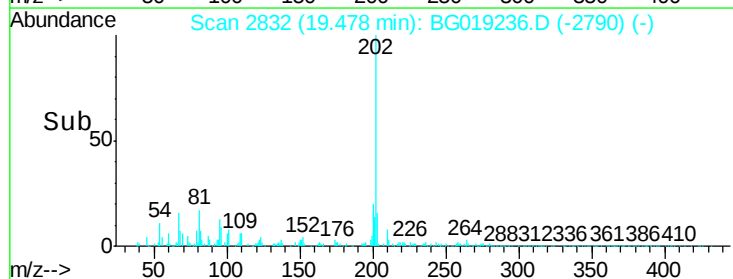
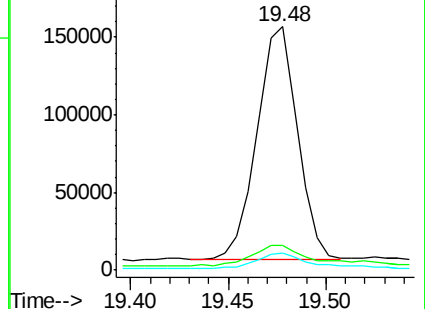
100 7.0 6.9 10.3

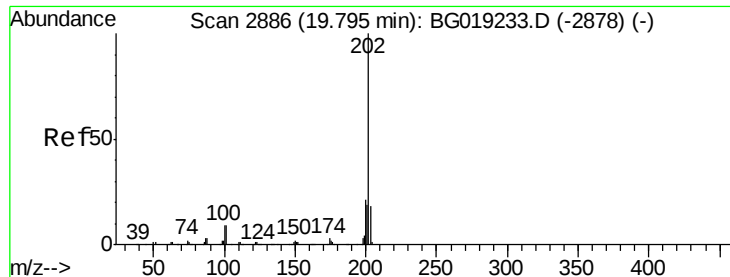


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

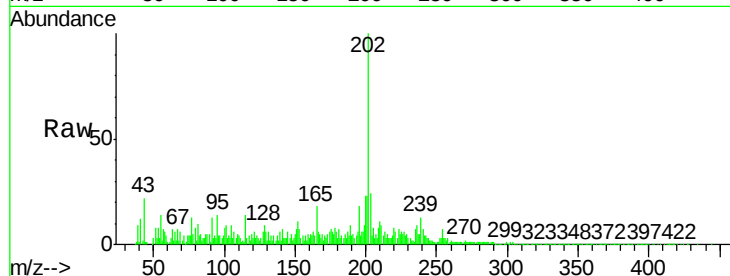




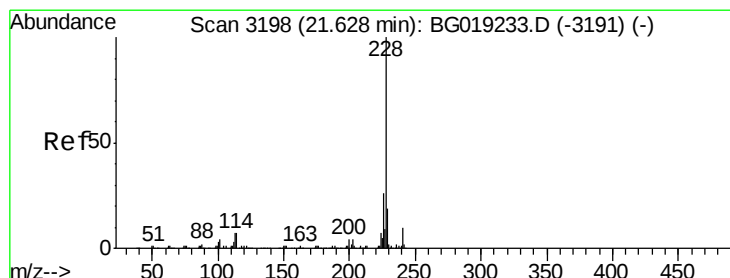
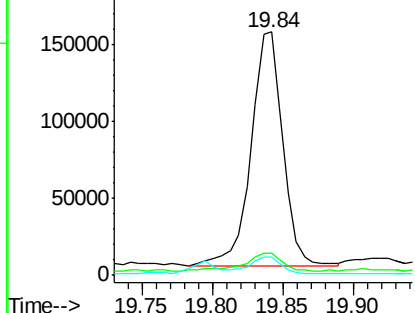
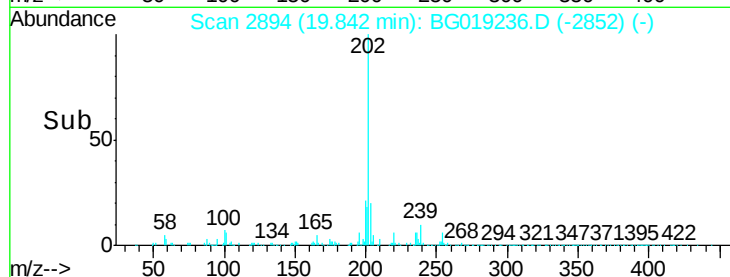
#80
Pvrene
Concen: 26.29 ng/ul
RT: 19.84 min Scan# 2894
Delta R.T. 0.05 min
Lab File: BG019236.D
Acq: 16 Oct 2015 23:15

Instrument :
BNA_G
ClientSampleId :
E5LK7

Tot Ion	Ratio	Lower	Upper
202	100		
101	8.9	10.2	15.2#
100	7.6	8.5	12.7#

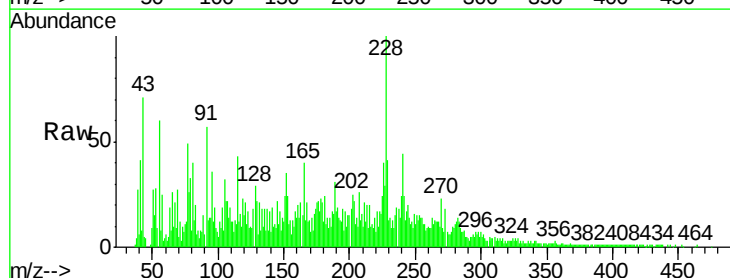


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

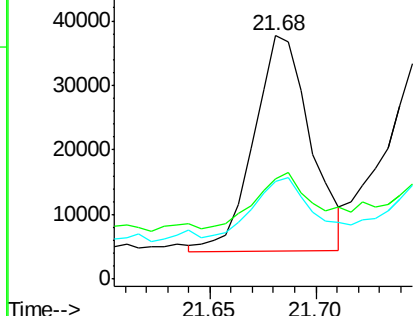
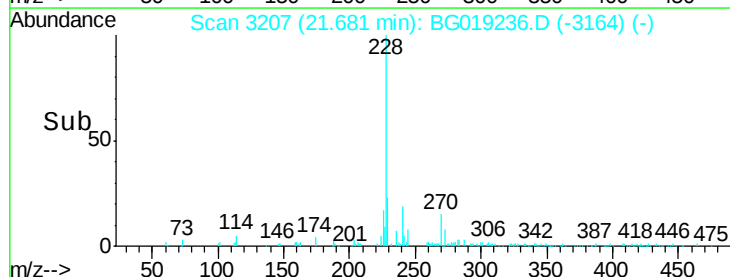


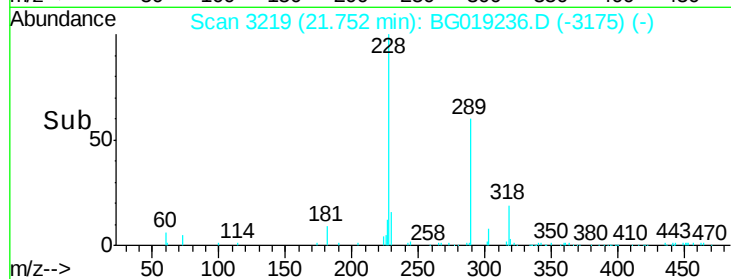
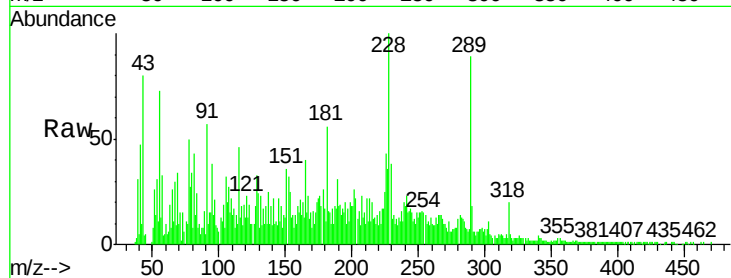
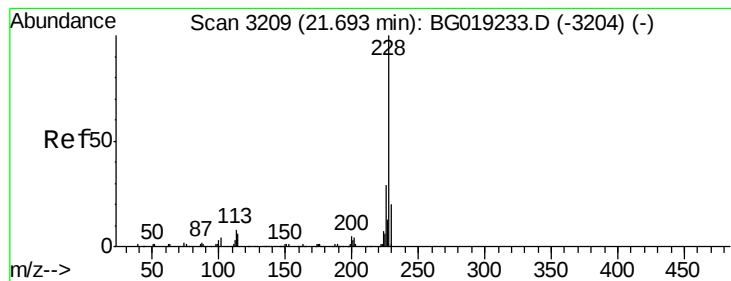
#83
Benzo(a)anthracene
Concen: 7.14 ng/ul
RT: 21.68 min Scan# 3207
Delta R.T. 0.05 min
Lab File: BG019236.D
Acq: 16 Oct 2015 23:15

Tgt Ion	Ratio	Lower	Upper
228	100		
229	41.4	16.6	24.8#
226	40.1	22.8	34.2#



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





#85

Chrvsene

Concen: 8.29 ng/ul

RT: 21.75 min Scan# 3219

Delta R.T. 0.06 min

Lab File: BG019236.D

Acq: 16 Oct 2015 23:15

Instrument :

BNA_G

ClientSampleId :

E5LK7

Tot Ion:228 Resp: 67963

Ion Ratio Lower Upper

228 100

226 43.3 24.2 36.2#

229 38.0 15.6 23.4#

