

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
 Data File : BG019661.D
 Acq On : 17 Nov 2015 15:03
 Operator : UM/NP
 Sample : G4308-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9KJ8

Quant Time: Nov 18 00:37:41 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 18 00:33:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	22053	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	93629	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.78	164	80740	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.53	188	234727	20.00	ng/ul	0.00
78) Chrysene-d12	21.79	240	307310	20.00	ng/ul	0.00
86) Perylene-d12	25.11	264	292111	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.44	96	3225	6.24	ng/uL	0.00
5) Phenol-d5	7.29	99	77964	34.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.46	67	49938	33.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.67	132	49257	34.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	64506	34.49	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	25251	32.85	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	28959	33.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	63168	33.77	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	12280	6.91	ng/ul	0.00
44) Dimethylphthalate-d6	14.18	166	245348	33.60	ng/ul	0.00
47) Acenaphthylene-d8	14.48	160	259437	32.78	ng/ul	0.00
52) 4-Nitrophenol-d4	14.97	143	40886	35.54	ng/ul	0.00
58) Fluorene-d10	15.77	176	216532	33.14	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.89	200	55072	36.32	ng/ul	0.00
71) Anthracene-d10	17.62	188	378476	33.21	ng/ul	0.00
79) Pyrene-d10	19.90	212	471818	33.70	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.88	264	522455	34.26	ng/ul	0.01

Target Compounds

						Ovalue
6) Phenol	7.32	94	46628	19.11	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.56	93	93319	54.97	ng/ul	97
11) 2-Methylphenol	8.59	108	100558	55.99	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.96	70	106971	51.23	ng/ul#	98
16) 4-Methylphenol	8.91	108	109882	54.30	ng/ul	97
17) Hexachloroethane	9.25	117	24938	37.08	ng/ul	92
21) Isophorone	9.89	82	189540	35.49	ng/ul#	96
24) 2,4-Dimethylphenol	10.14	107	104131	41.73	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.37	93	115085	43.54	ng/ul	92
27) 2,4-Dichlorophenol	10.62	162	28159	15.81	ng/ul	93
28) Naphthalene	11.03	128	111478	22.04	ng/ul	98
30) 4-Chloroaniline	11.03	127	14663	7.94	ng/ul#	22
31) Hexachlorobutadiene	11.31	225	90640	56.53	ng/ul	98
32) Caprolactam	11.88	113	28464	39.27	ng/ul#	90
35) 1-Methylnaphthalene	12.84	142	160197	39.86	ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	12.99	216	110830	34.24	ng/ul	97
38) Hexachlorocyclopentadiene	12.96	237	66695	35.38	ng/ul	90
40) 2,4,5-Trichlorophenol	13.30	196	80340	38.89	ng/ul	98
42) 2-Chloronaphthalene	13.67	162	84549	18.11	ng/ul	98
45) Dimethylphthalate	14.23	163	136195	18.81	ng/ul	99
46) 2,6-Dinitrotoluene	14.23	165	1462	1.01	ng/ul#	42
48) Acenaphthylene	14.51	152	164598	20.84	ng/ul	97
49) 3-Nitroaniline	14.68	138	9161	7.59	ng/ul	95

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 ALS Vial : 5 Sample Multiplier: 1

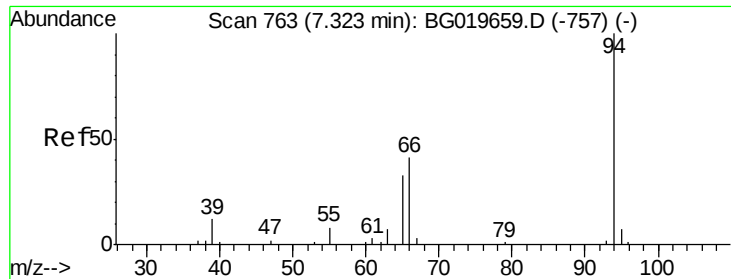
Instrument :
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 ClientSampleId :
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 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) Acenaphthene	14.85	153	163491	30.23	ng/ul	98
51) 2,4-Dinitrophenol	14.89	184	47187	49.57	ng/ul	94
54) Dibenzofuran	15.18	168	141948	17.90	ng/ul	95
55) 2,4-Dinitrotoluene	15.07	165	2320	1.03	ng/ul#	1
59) Fluorene	15.83	166	49553	7.15	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.81	204	116755	28.96	ng/ul	95
61) 4-Nitroaniline	15.85	138	80623	55.49	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.90	198	110158	68.41	ng/ul#	94
69) Pentachlorophenol	17.17	266	142132	85.33	ng/ul	95
70) Phenanthrene	17.66	178	367641	29.27	ng/ul	98
72) Anthracene	17.66	178	367641	29.02	ng/ul	99
75) Carbazole	17.93	167	378226	37.19	ng/ul	98
77) Fluoranthene	19.57	202	305374	19.07	ng/ul#	97
81) Butylbenzylphthalate	20.79	149	137802	23.34	ng/ul	96
83) Benzo(a)anthracene	21.84	228	512260	27.50	ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.66	149	190184	21.97	ng/ul	99
85) Chrysene	21.84	228	512260	29.21	ng/ul	98
88) Benzo(b)fluoranthene	24.12	252	626755	34.82	ng/ul	99
89) Benzo(k)fluoranthene	24.12	252	626755	36.09	ng/ul	99
91) Benzo(a)pyrene	24.96	252	612442	35.34	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.90	276	265959	13.71	ng/ul	93

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

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Misc      :  
ALS Vial  : 5      Sample Multiplier: 1
```



#6

Phenol

Concen: 19.11 ng/ul

RT: 7.32 min Scan# 763

Delta R.T. -0.00 min

Lab File: BG019661.D

Acq: 17 Nov 2015 15:03

Instrument :

BNA_G

ClientSampleId :

D9KJ8

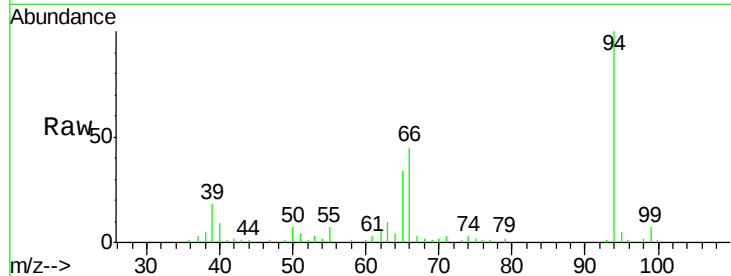
Tot Ion: 94 Resp: 46628

Ion Ratio Lower Upper

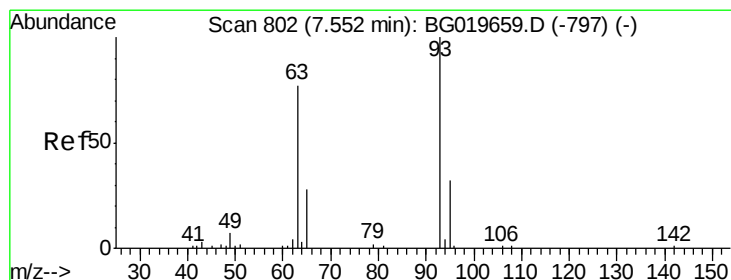
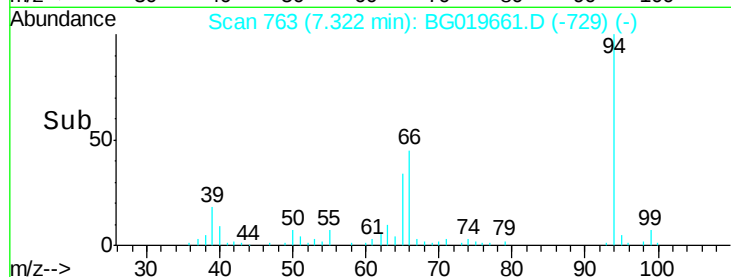
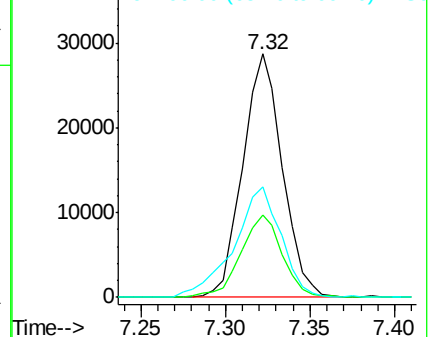
94 100

65 34.0 27.4 41.0

66 45.3 39.0 58.6



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: 54.97 ng/ul

RT: 7.56 min Scan# 803

Delta R.T. 0.00 min

Lab File: BG019661.D

Acq: 17 Nov 2015 15:03

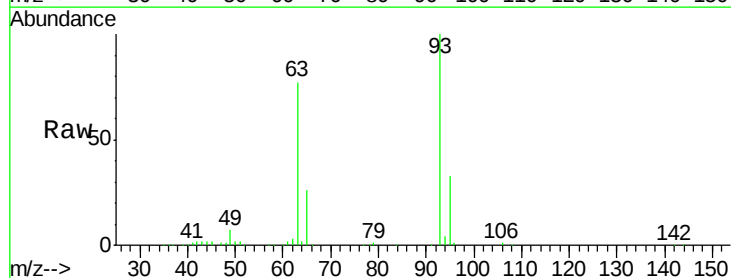
Tgt Ion: 93 Resp: 93319

Ion Ratio Lower Upper

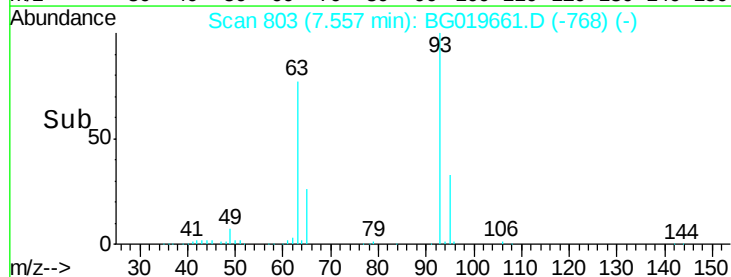
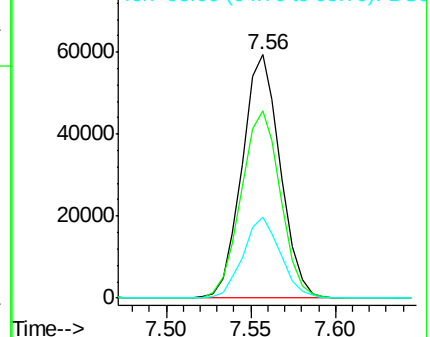
93 100

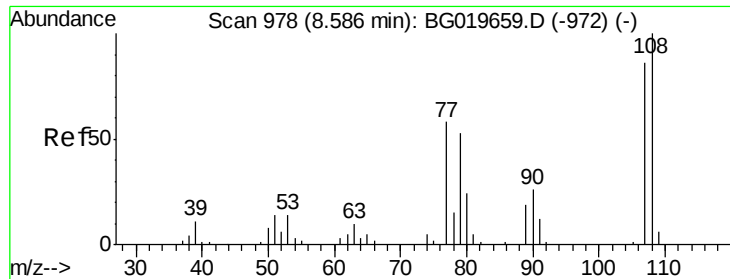
63 77.0 61.0 91.4

95 33.5 23.7 35.5



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





#11

2-Methylphenol

Concen: 55.99 ng/ul

RT: 8.59 min Scan# 979

Delta R.T. 0.00 min

Lab File: BG019661.D

Acq: 17 Nov 2015 15:03

Instrument :

BNA_G

ClientSampleId :

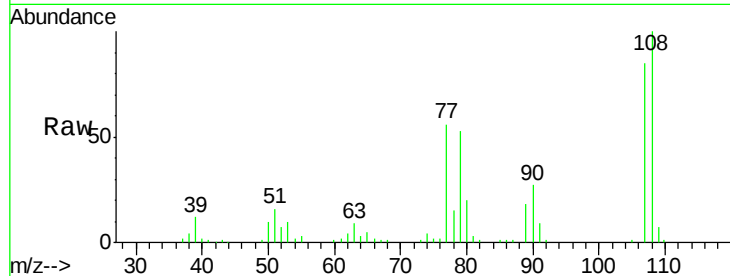
D9KJ8

Tot Ion:108 Resp: 100558

Ion Ratio Lower Upper

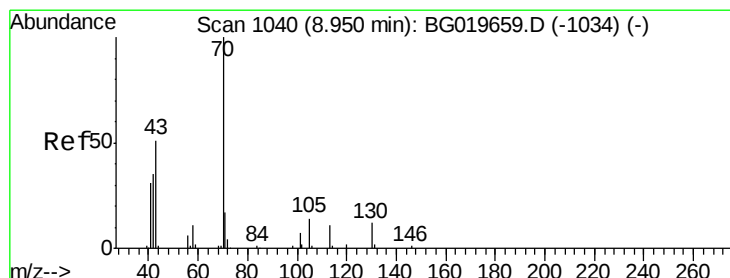
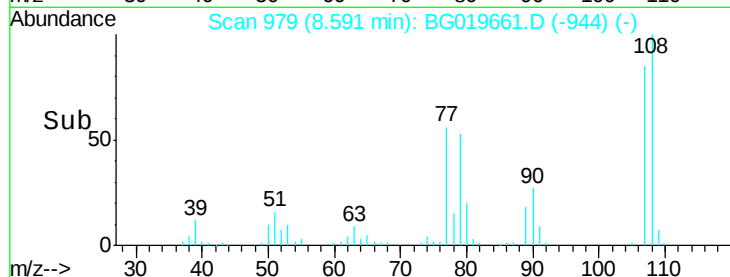
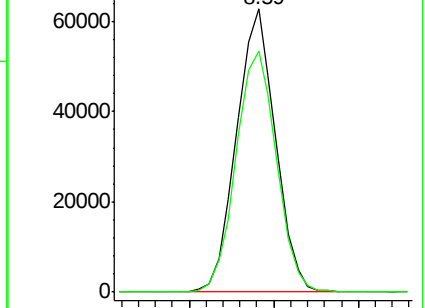
108 100

107 85.2 74.3 111.5



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#15

N-Nitroso-di-n-propylamine

Concen: 51.23 ng/ul

RT: 8.96 min Scan# 1042

Delta R.T. 0.01 min

Lab File: BG019661.D

Acq: 17 Nov 2015 15:03

Tgt Ion: 70 Resp: 106971

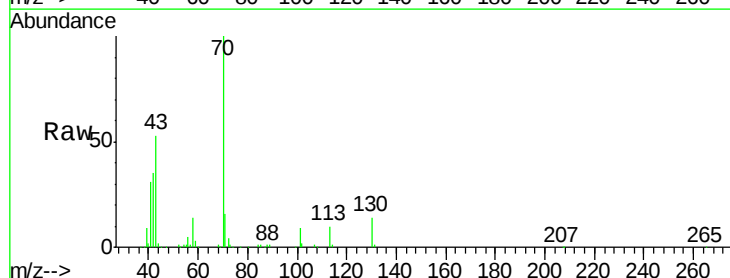
Ion Ratio Lower Upper

70 100

42 35.0 28.4 42.6

101 9.1 5.3 7.9#

130 13.9 10.9 16.3

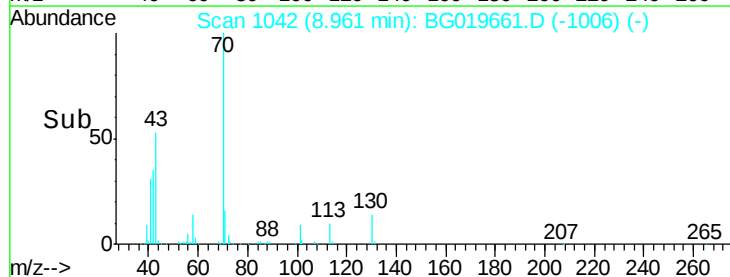
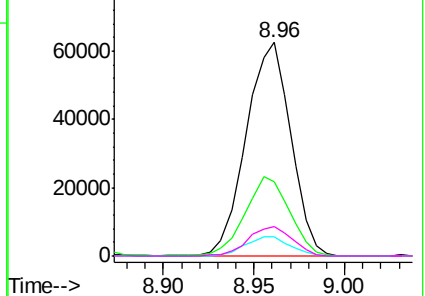


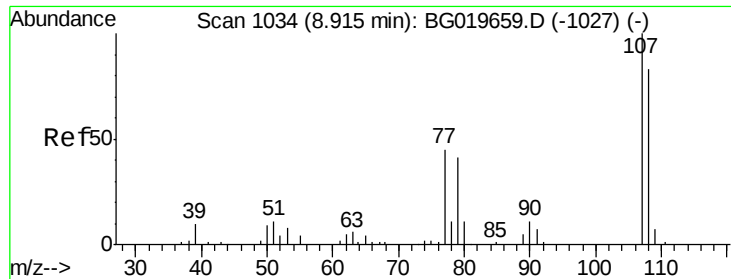
Abundance Ion 70.00 (69.70 to 70.70): BGC

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





#16

4-Methylphenol

Concen: 54.30 ng/ul

RT: 8.91 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BG019661.D

Acq: 17 Nov 2015 15:03

Instrument :

BNA_G

ClientSampleId :

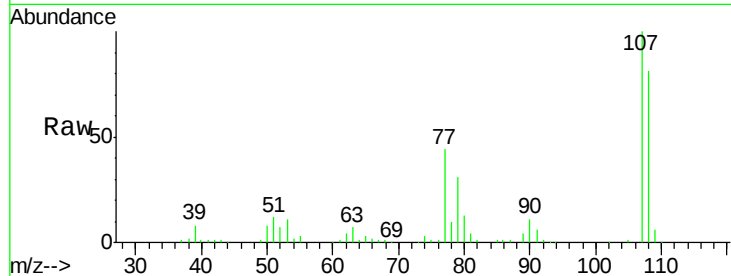
D9KJ8

Tot Ion:108 Resp: 109882

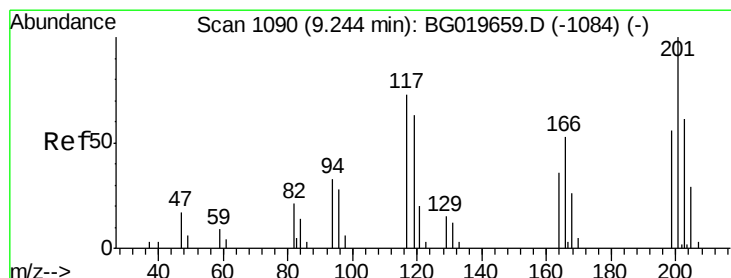
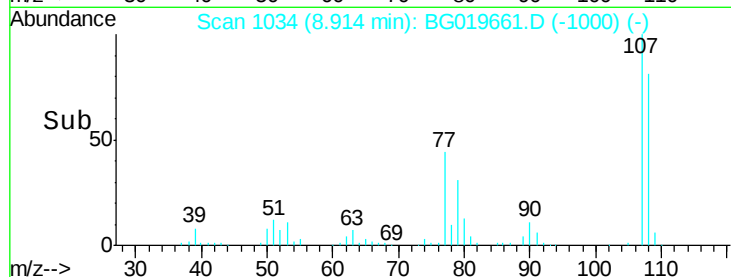
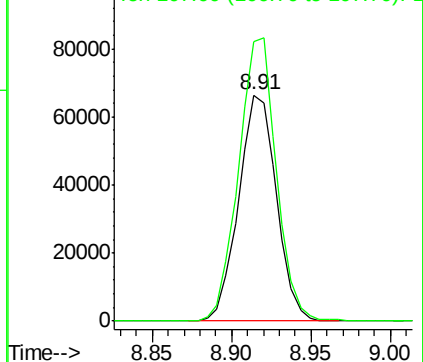
Ion Ratio Lower Upper

108 100

107 123.5 96.5 144.7



Abundance Ion 108.00 (107.70 to 108.70): E
Ion 107.00 (106.70 to 107.70): E



#17

Hexachloroethane

Concen: 37.08 ng/ul

RT: 9.25 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BG019661.D

Acq: 17 Nov 2015 15:03

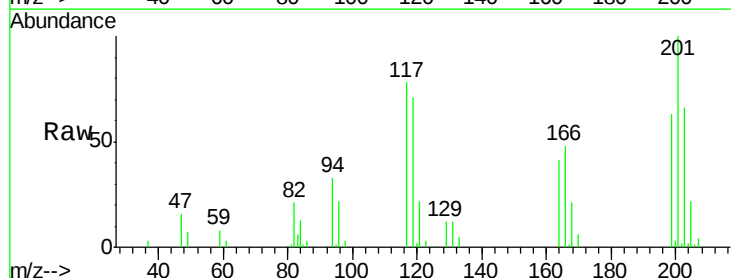
Tgt Ion:117 Resp: 24938

Ion Ratio Lower Upper

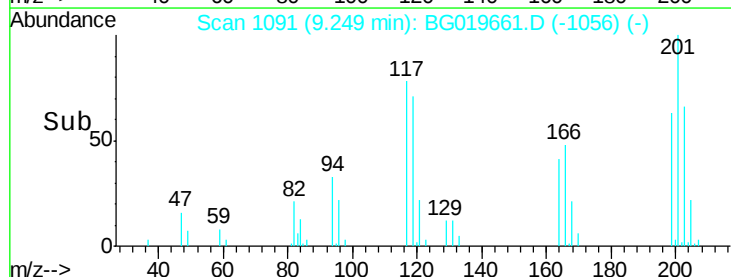
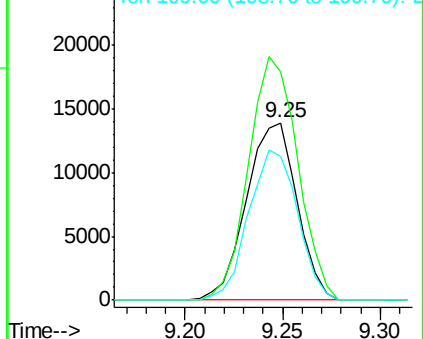
117 100

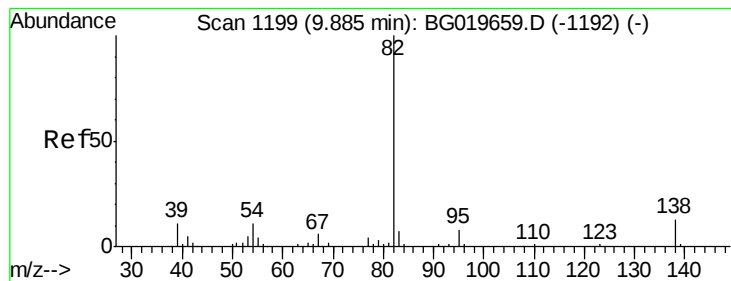
201 131.4 114.2 171.2

199 85.4 65.0 97.6



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





#21

Isophorone

Concen: 35.49 ng/ul

RT: 9.89 min Scan# 1200

Delta R.T. 0.00 min

Lab File: BG019661.D

Acq: 17 Nov 2015 15:03

Instrument :

BNA_G

ClientSampleId :

D9KJ8

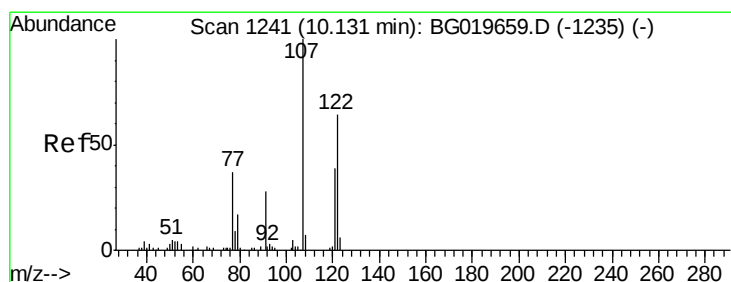
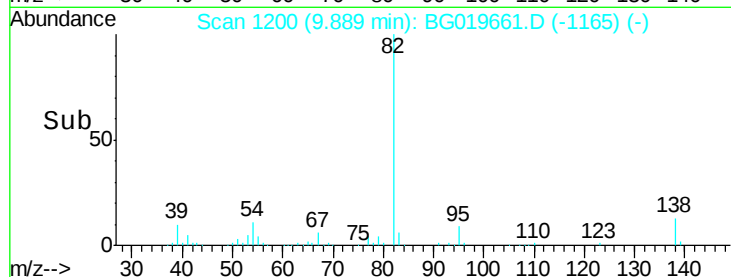
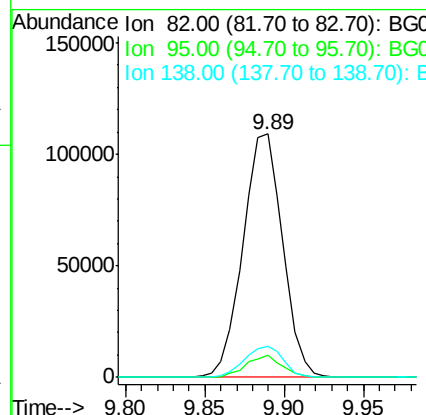
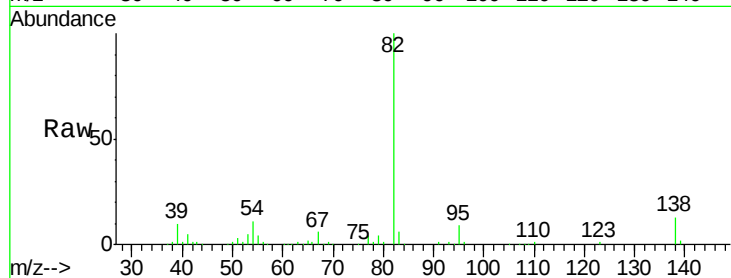
Tot Ion: 82 Resp: 189540

Ion Ratio Lower Upper

82 100

95 9.0 6.0 9.0#

138 12.6 9.1 13.7



#24

2,4-Dimethylphenol

Concen: 41.73 ng/ul

RT: 10.14 min Scan# 1242

Delta R.T. 0.00 min

Lab File: BG019661.D

Acq: 17 Nov 2015 15:03

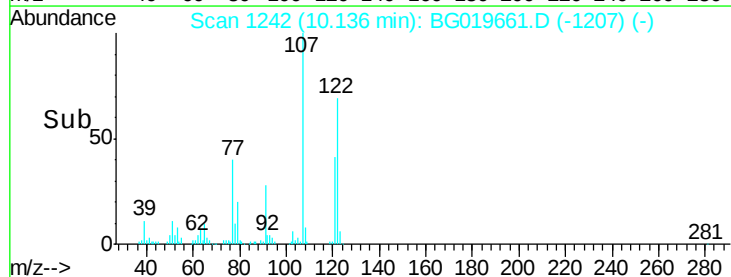
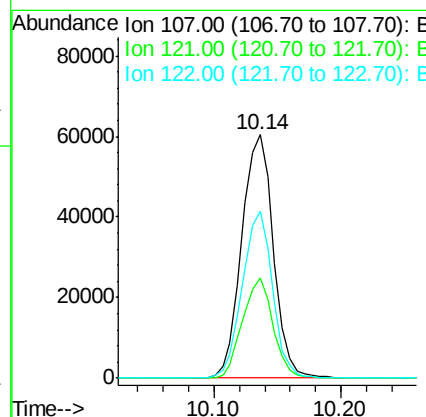
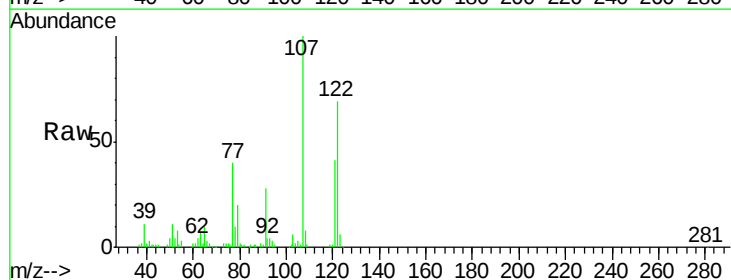
Tgt Ion: 107 Resp: 104131

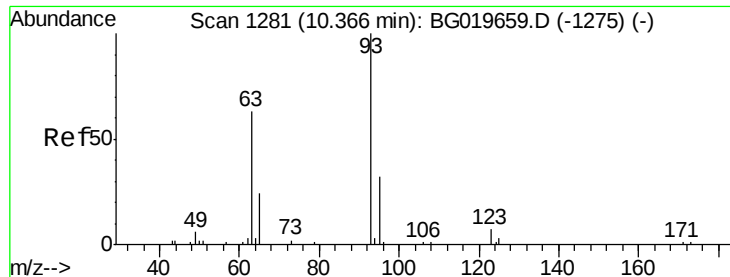
Ion Ratio Lower Upper

107 100

121 41.0 32.8 49.2

122 68.6 51.8 77.8





#25

Bis(2-Chloroethoxy)methane

Concen: 43.54 ng/ul

RT: 10.37 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BG019661.D

Acq: 17 Nov 2015 15:03

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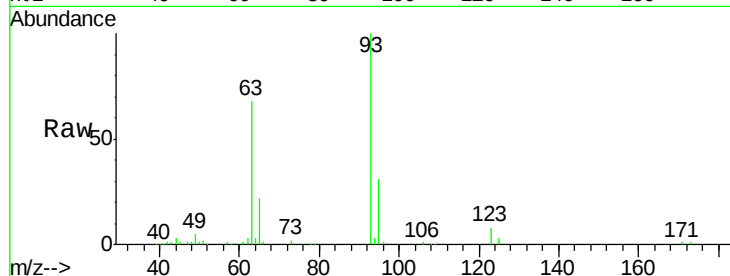
Tot Ion: 93 Resp: 115085

Ion Ratio Lower Upper

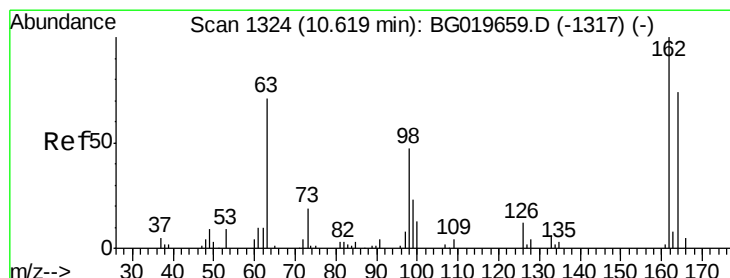
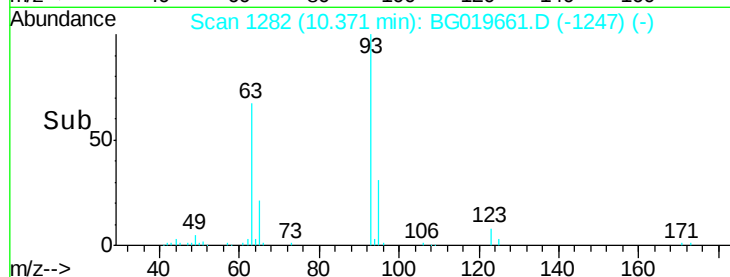
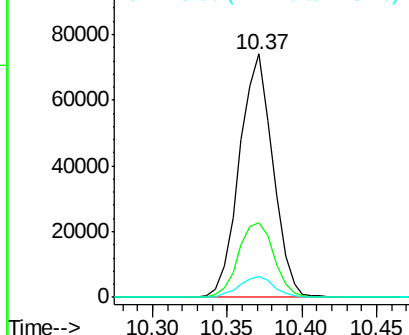
93 100

95 30.7 29.4 44.0

123 8.4 7.1 10.7



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): BGC



#27

2,4-Dichlorophenol

Concen: 15.81 ng/ul

RT: 10.62 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BG019661.D

Acq: 17 Nov 2015 15:03

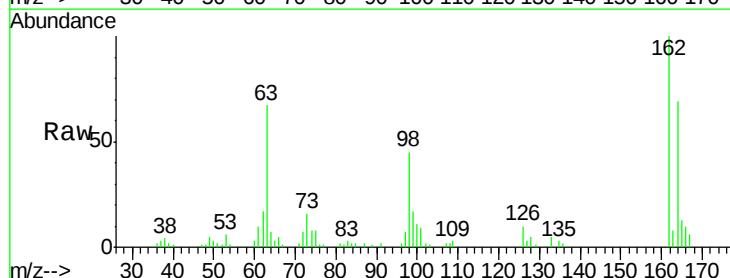
Tgt Ion: 162 Resp: 28159

Ion Ratio Lower Upper

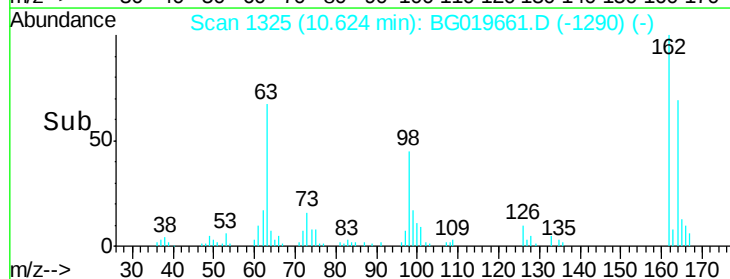
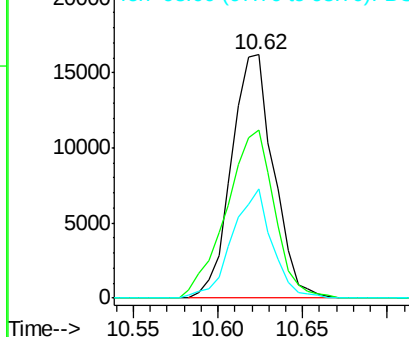
162 100

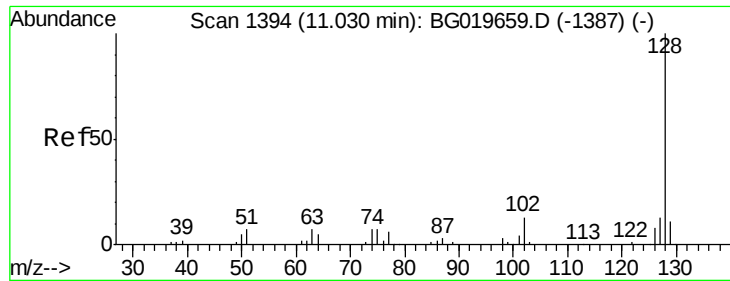
164 68.9 50.2 75.2

98 44.6 32.5 48.7



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

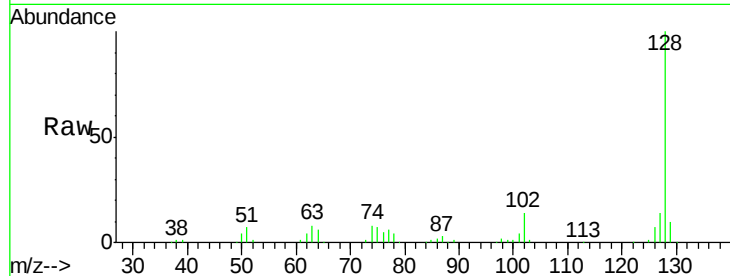




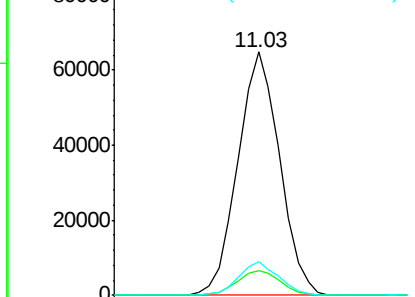
#28
Naphthalene
Concen: 22.04 ng/ul
RT: 11.03 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BG019661.D
Acq: 17 Nov 2015 15:03

Instrument :
BNA_G
ClientSampleId :
D9KJ8

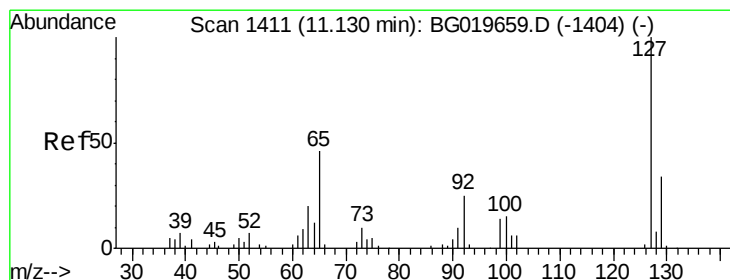
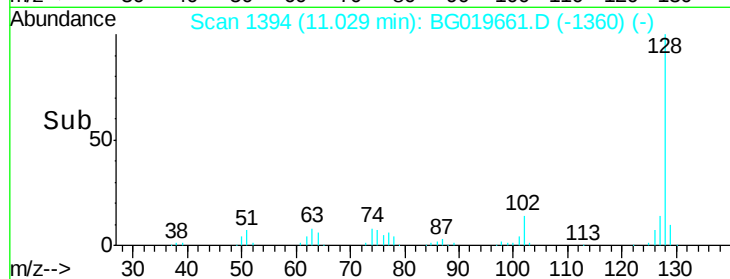
Tot Ion:128 Resp: 111478
Ion Ratio Lower Upper
128 100
129 10.1 8.1 12.1
127 13.9 10.0 15.0



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

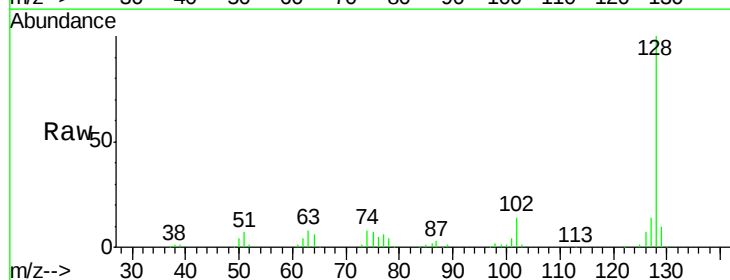


Time--> 10.95 11.00 11.05 11.10

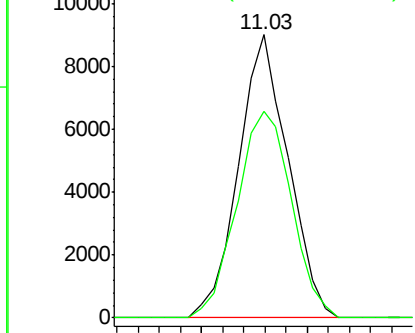


#30
4-Chloroaniline
Concen: 7.94 ng/ul
RT: 11.03 min Scan# 1394
Delta R.T. -0.10 min
Lab File: BG019661.D
Acq: 17 Nov 2015 15:03

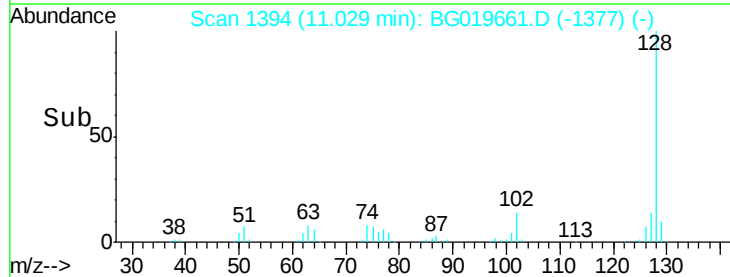
Tgt Ion:127 Resp: 14663
Ion Ratio Lower Upper
127 100
129 72.9 24.2 36.4#

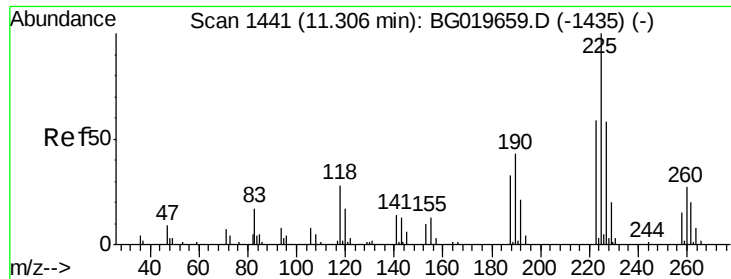


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E



Time--> 11.00 11.05





#31

Hexachlorobutadiene

Concen: 56.53 ng/ul

RT: 11.31 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BG019661.D

Acq: 17 Nov 2015 15:03

Instrument :

BNA_G

ClientSampleId :

D9KJ8

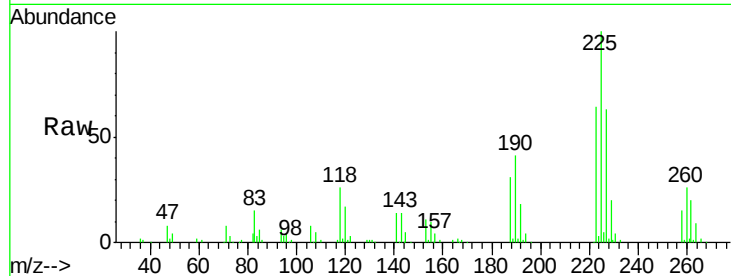
Tot Ion:225 Resp: 90640

Ion Ratio Lower Upper

225 100

223 63.5 52.4 78.6

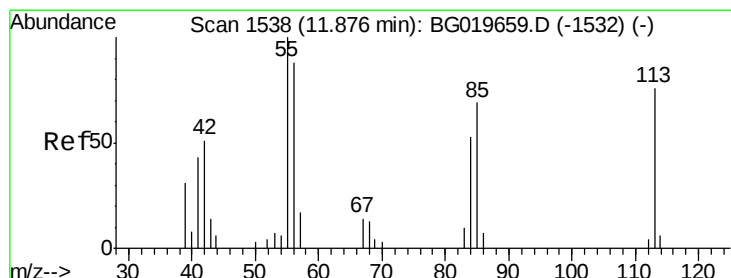
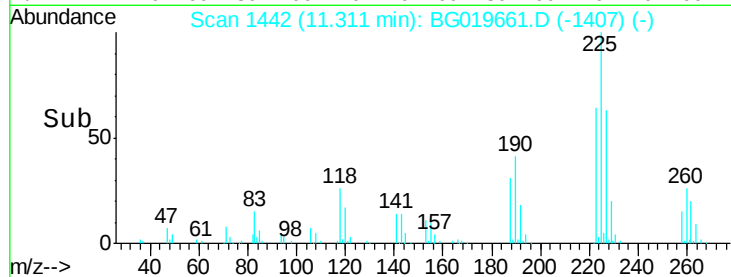
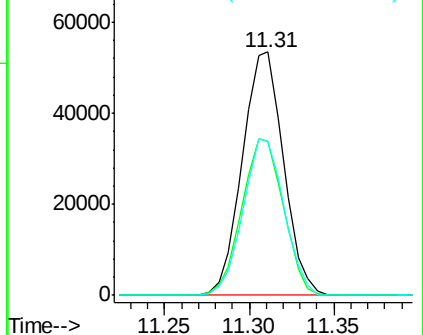
227 63.1 51.0 76.6



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



#32

Caprolactam

Concen: 39.27 ng/ul

RT: 11.88 min Scan# 1539

Delta R.T. 0.00 min

Lab File: BG019661.D

Acq: 17 Nov 2015 15:03

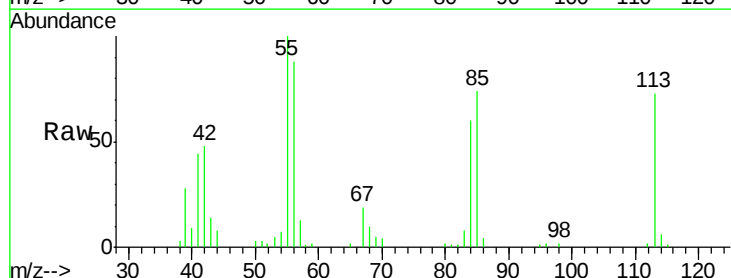
Tgt Ion:113 Resp: 28464

Ion Ratio Lower Upper

113 100

55 136.8 111.4 167.0

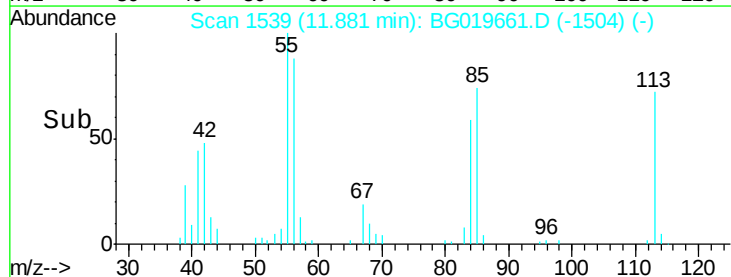
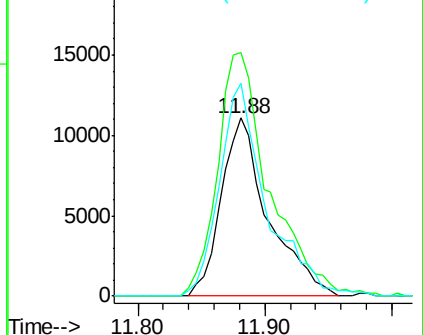
56 119.8 79.0 118.6#

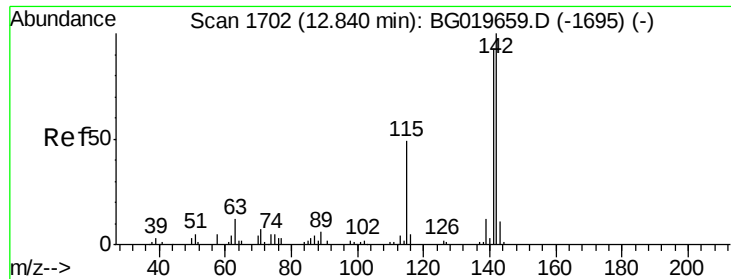


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC





#35

1-Methylnaphthalene

Concen: 39.86 ng/ul

RT: 12.84 min Scan# 1703

Delta R.T. 0.00 min

Lab File: BG019661.D

Acq: 17 Nov 2015 15:03

Instrument :

BNA_G

ClientSampleId :

D9KJ8

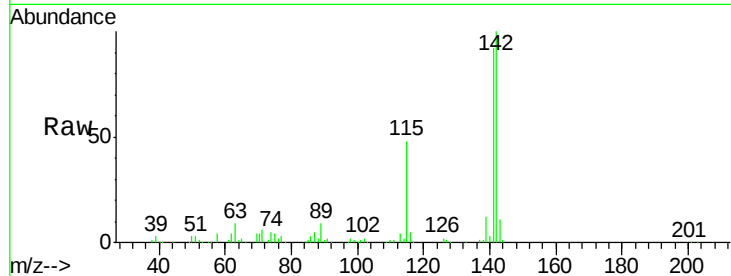
Tot Ion:142 Resp: 160197

Ion Ratio Lower Upper

142 100

141 91.9 76.6 114.8

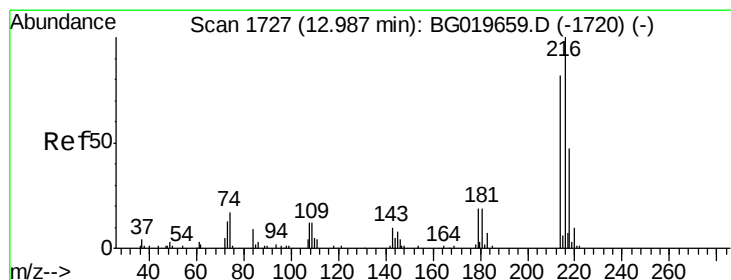
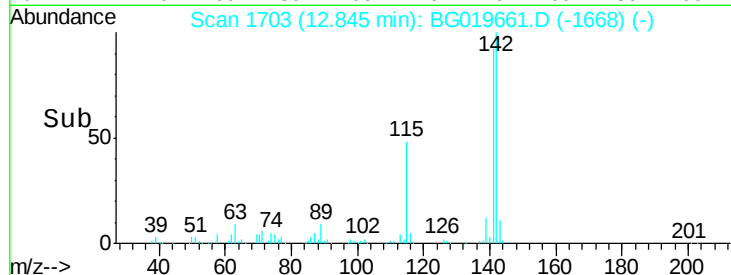
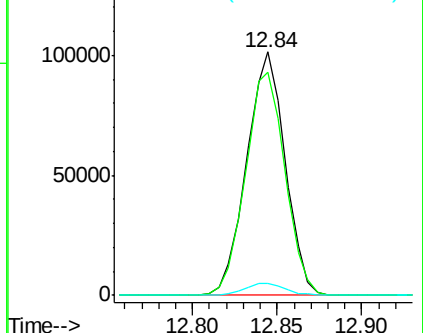
116 4.9 4.1 6.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#37

1,2,4,5-Tetrachlorobenzene

Concen: 34.24 ng/ul

RT: 12.99 min Scan# 1727

Delta R.T. -0.00 min

Lab File: BG019661.D

Acq: 17 Nov 2015 15:03

Tgt Ion:216 Resp: 110830

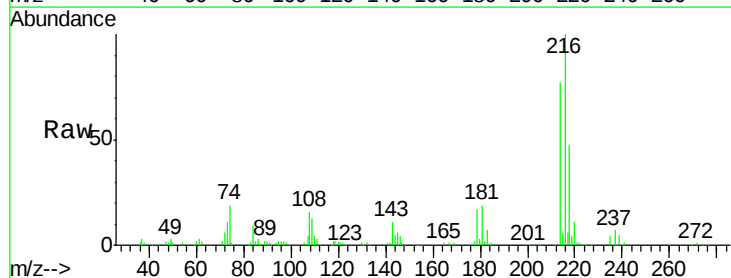
Ion Ratio Lower Upper

216 100

214 77.3 62.9 94.3

179 17.2 16.9 25.3

108 16.1 12.6 18.8

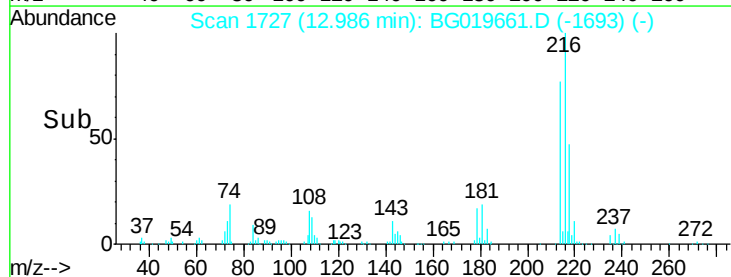
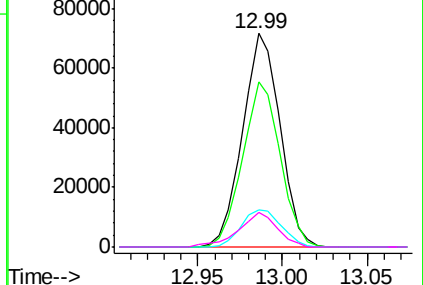


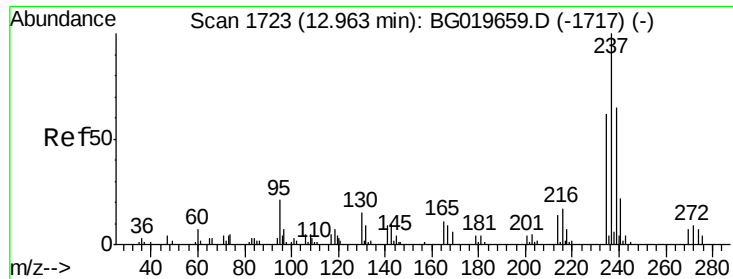
Abundance Ion 216.00 (215.70 to 216.70): E

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

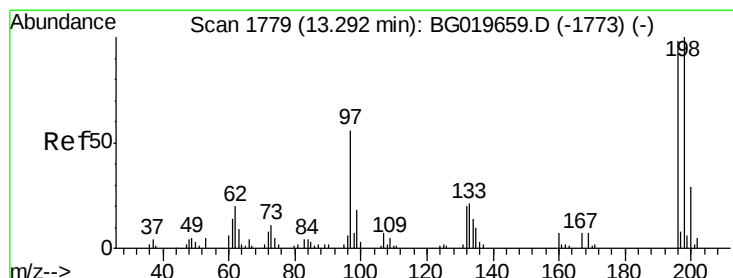
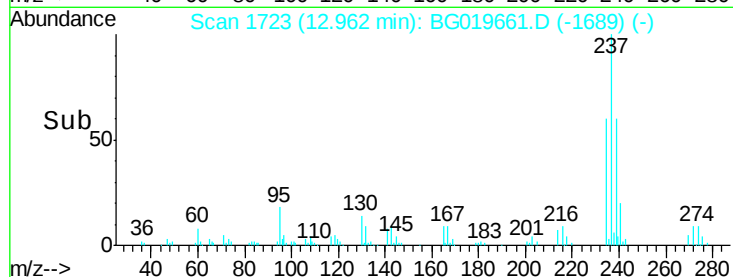
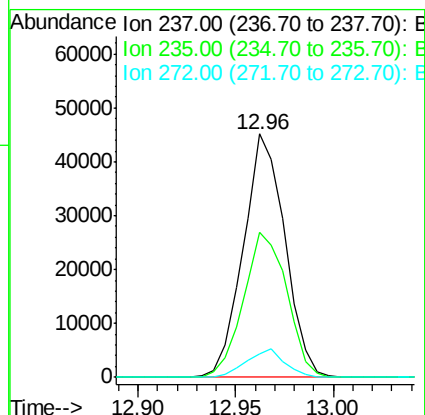
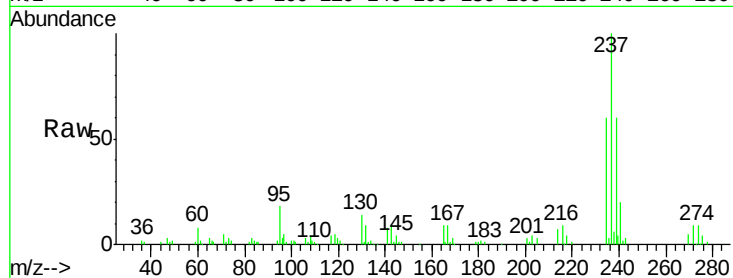




#38
Hexachlorocyclopentadiene
Concen: 35.38 ng/ul
RT: 12.96 min Scan# 1723
Delta R.T. -0.00 min
Lab File: BG019661.D
Acq: 17 Nov 2015 15:03

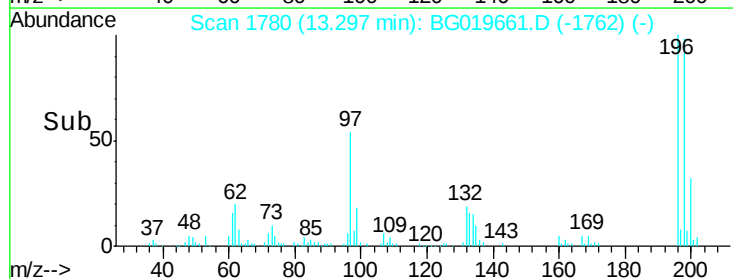
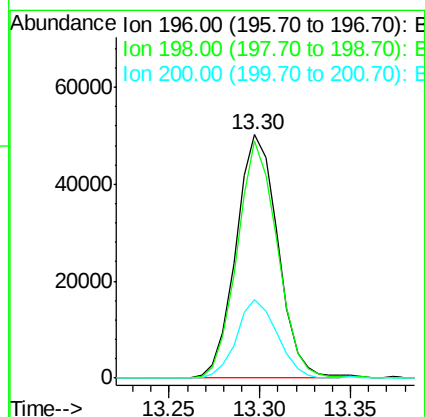
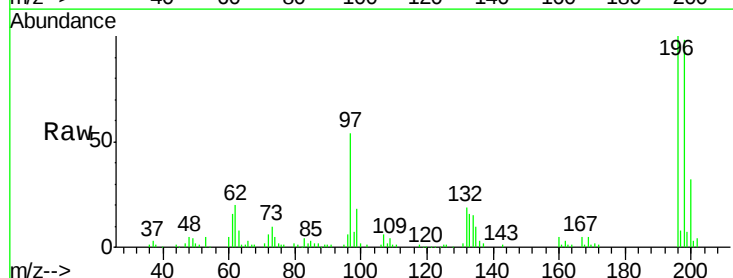
Instrument :
BNA_G
ClientSampleId :
D9KJ8

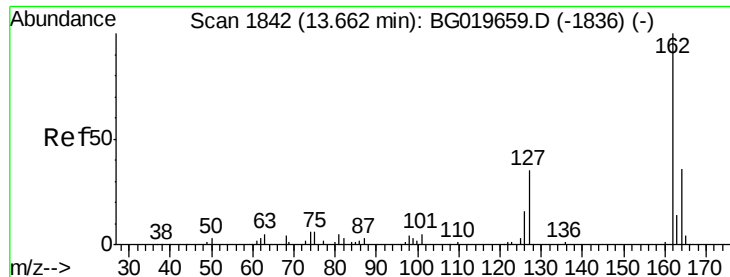
Tot Ion:237 Resp: 66695
Ion Ratio Lower Upper
237 100
235 59.6 54.8 82.2
272 9.5 9.1 13.7



#40
2,4,5-Trichlorophenol
Concen: 38.89 ng/ul
RT: 13.30 min Scan# 1780
Delta R.T. 0.00 min
Lab File: BG019661.D
Acq: 17 Nov 2015 15:03

Tgt Ion:196 Resp: 80340
Ion Ratio Lower Upper
196 100
198 97.7 79.0 118.4
200 32.5 24.2 36.2

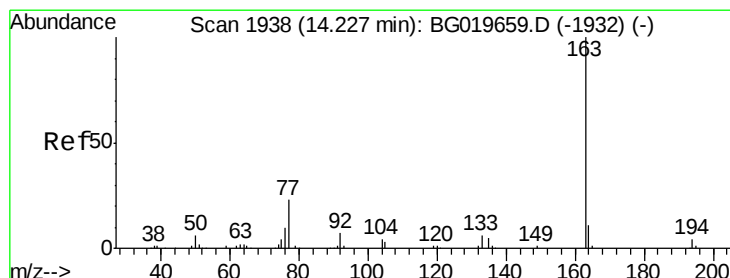
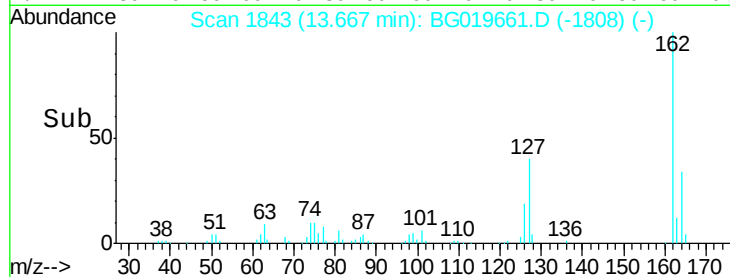
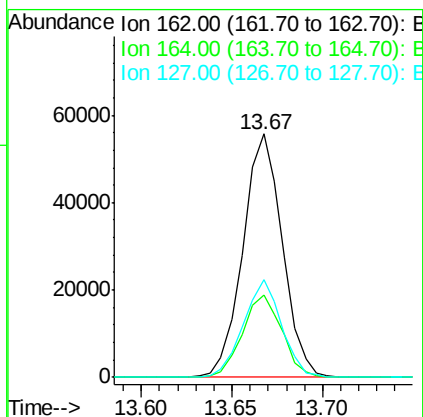
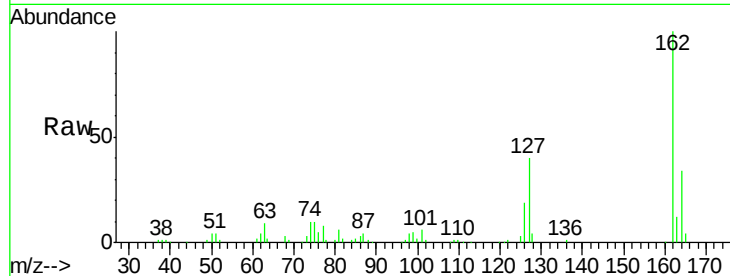




#42
2-Chloronaphthalene
Concen: 18.11 ng/ul
RT: 13.67 min Scan# 1843
Delta R.T. 0.00 min
Lab File: BG019661.D
Acq: 17 Nov 2015 15:03

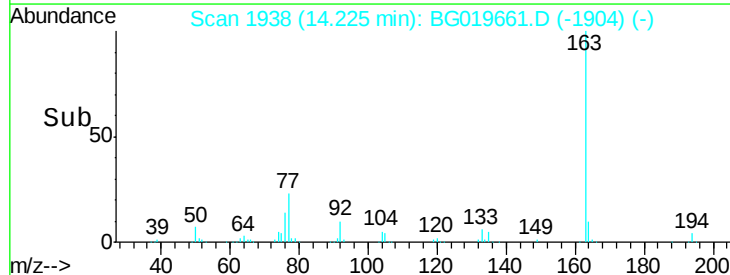
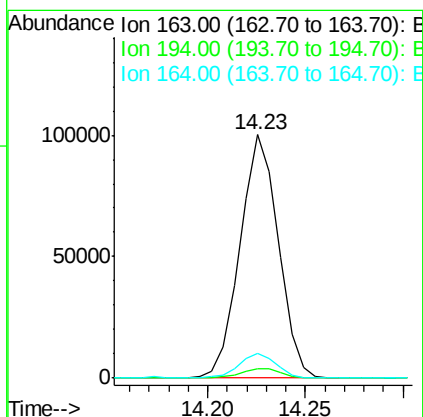
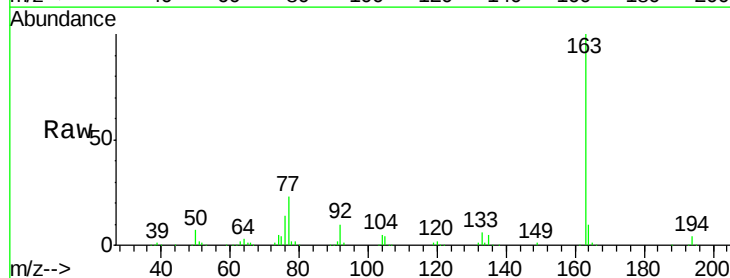
Instrument :
BNA_G
ClientSampleId :
D9KJ8

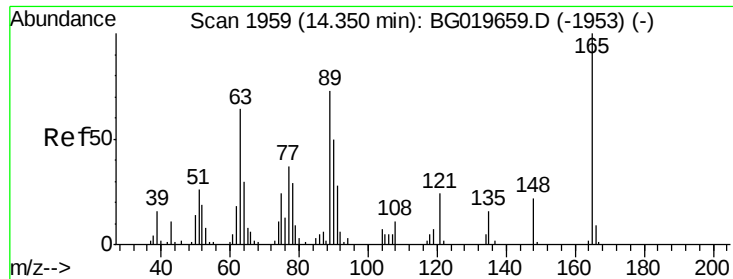
Tot Ion:162 Resp: 84549
Ion Ratio Lower Upper
162 100
164 33.7 28.3 42.5
127 40.1 32.4 48.6



#45
Dimethylphthalate
Concen: 18.81 ng/ul
RT: 14.23 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BG019661.D
Acq: 17 Nov 2015 15:03

Tgt Ion:163 Resp: 136195
Ion Ratio Lower Upper
163 100
194 3.6 3.5 5.3
164 10.4 8.3 12.5

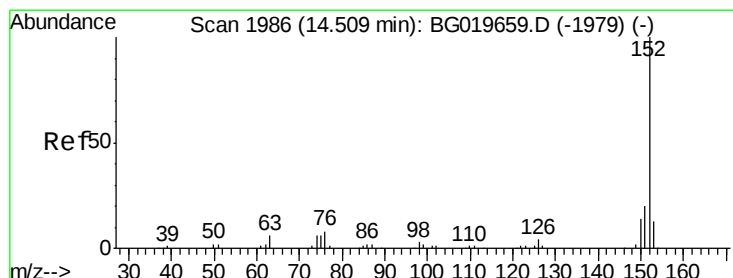
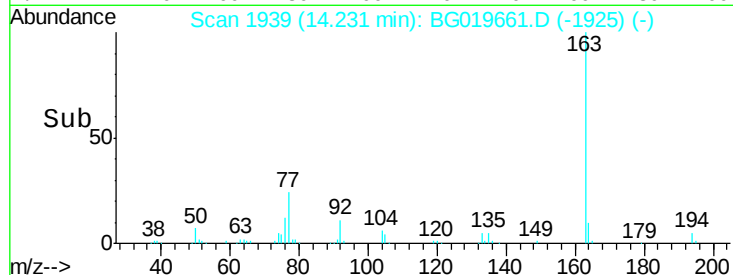
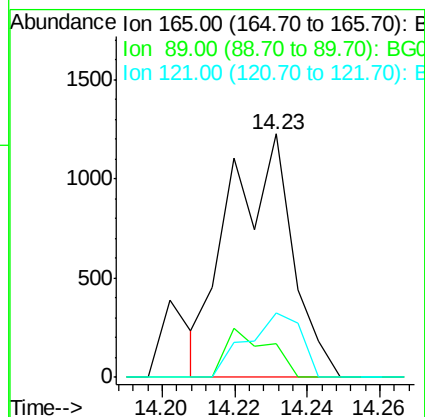
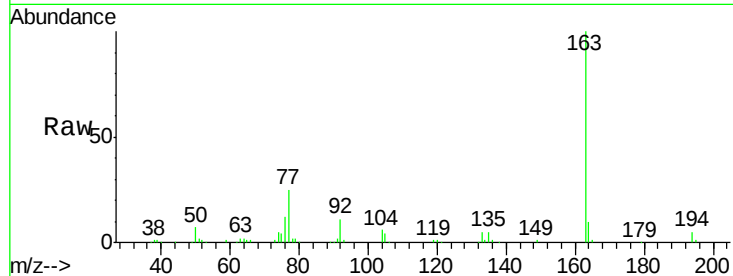




#46
2,6-Dinitrotoluene
Concen: 1.01 ng/ul
RT: 14.23 min Scan# 1939
Delta R.T. -0.12 min
Lab File: BG019661.D
Acq: 17 Nov 2015 15:03

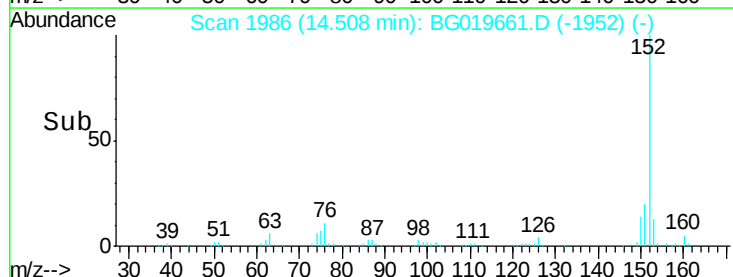
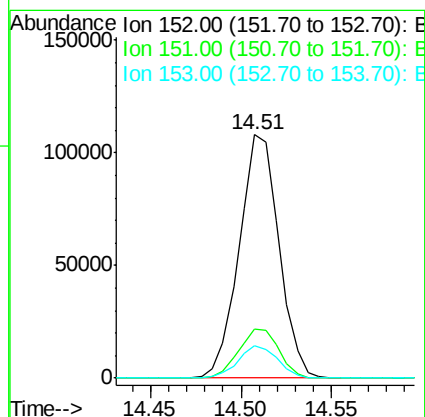
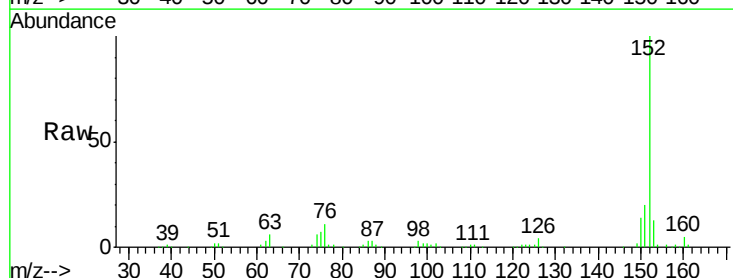
Instrument :
BNA_G
ClientSampleId :
D9KJ8

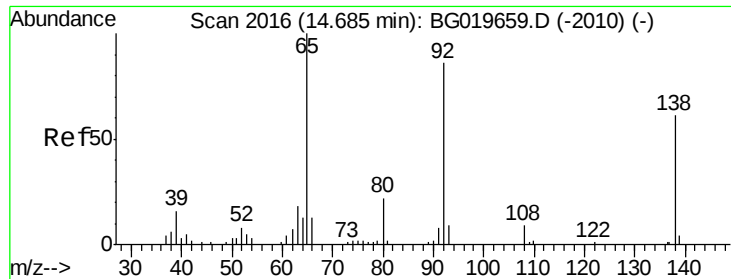
Tot Ion:165 Resp: 1462
Ion Ratio Lower Upper
165 100
89 13.8 61.1 91.7#
121 26.4 17.8 26.8



#48
Acenaphthylene
Concen: 20.84 ng/ul
RT: 14.51 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BG019661.D
Acq: 17 Nov 2015 15:03

Tgt Ion:152 Resp: 164598
Ion Ratio Lower Upper
152 100
151 20.3 15.1 22.7
153 13.2 9.8 14.8

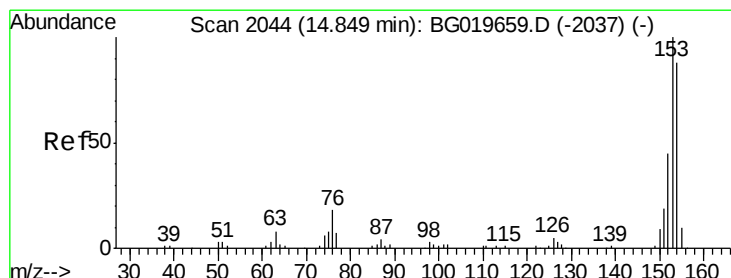
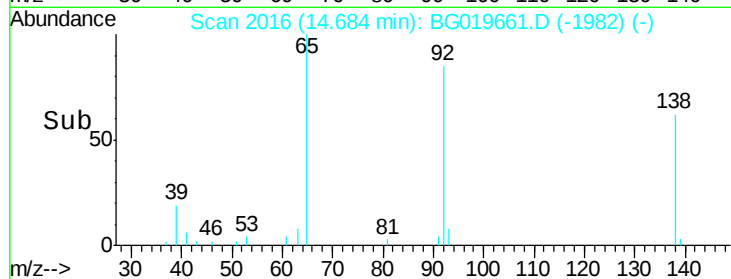
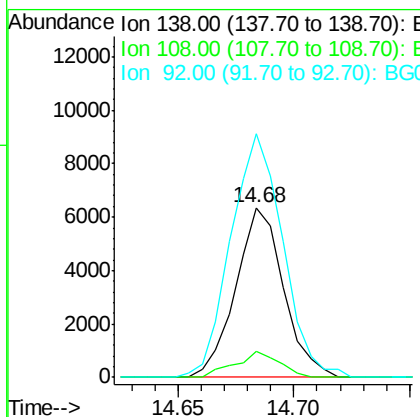
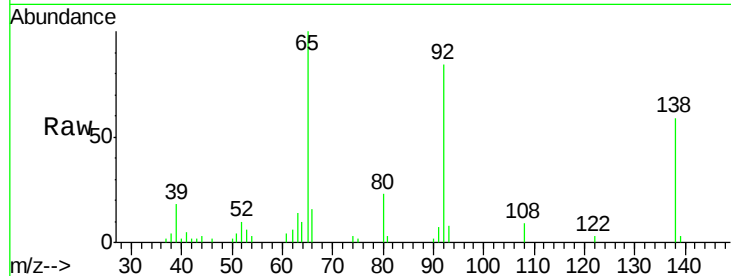




#49
3-Nitroaniline
Concen: 7.59 ng/ul
RT: 14.68 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BG019661.D
Acq: 17 Nov 2015 15:03

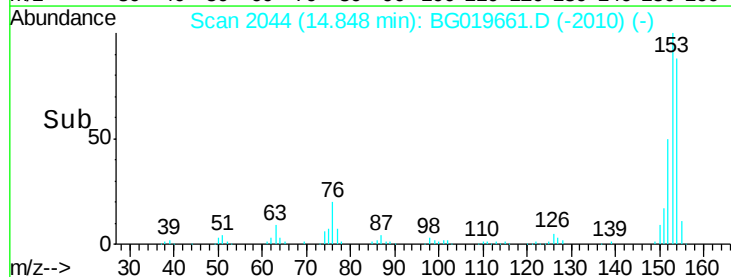
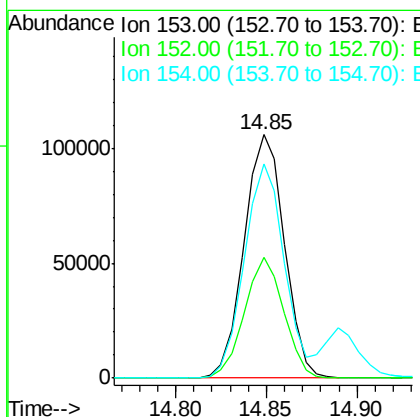
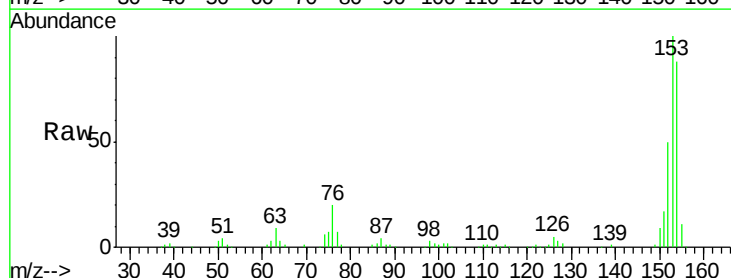
Instrument :
BNA_G
ClientSampleId :
D9KJ8

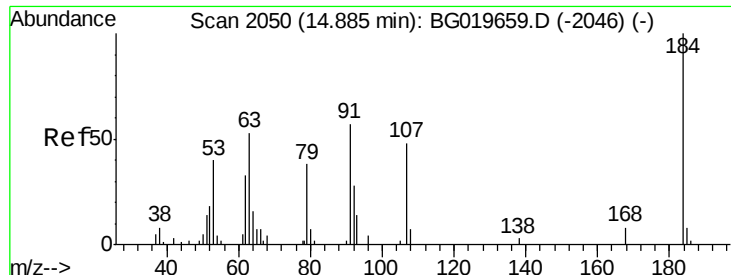
Tot Ion:138 Resp: 9161
Ion Ratio Lower Upper
138 100
108 15.3 11.4 17.0
92 143.2 120.2 180.2



#50
Acenaphthene
Concen: 30.23 ng/ul
RT: 14.85 min Scan# 2044
Delta R.T. -0.00 min
Lab File: BG019661.D
Acq: 17 Nov 2015 15:03

Tgt Ion:153 Resp: 163491
Ion Ratio Lower Upper
153 100
152 49.8 40.9 61.3
154 87.8 69.1 103.7

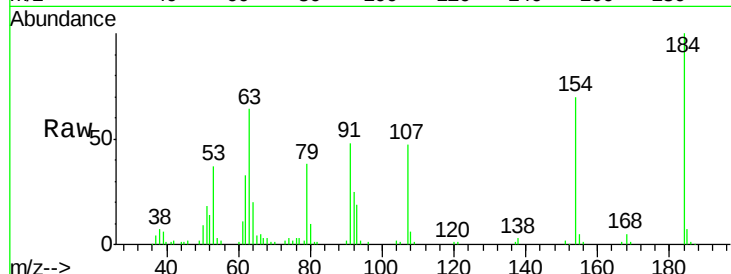




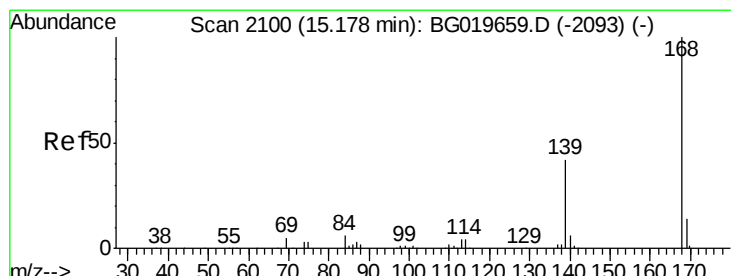
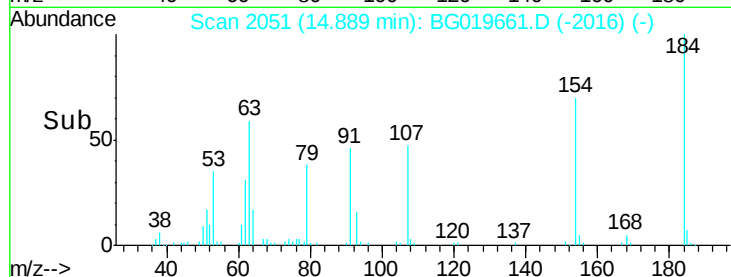
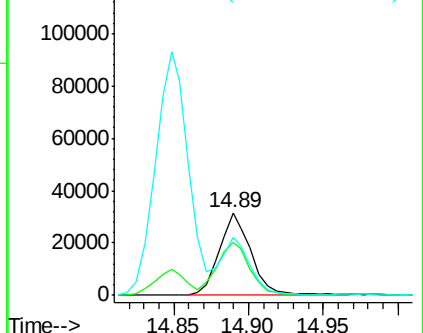
#51
 2,4-Dinitrophenol
 Concen: 49.57 ng/ul
 RT: 14.89 min Scan# 2051
 Delta R.T. 0.00 min
 Lab File: BG019661.D
 Acq: 17 Nov 2015 15:03

Instrument :
 BNA_G
 ClientSampleId :
 D9KJ8

Tot Ion:184 Resp: 47187
 Ion Ratio Lower Upper
 184 100
 63 64.0 55.2 82.8
 154 70.0 59.8 89.6

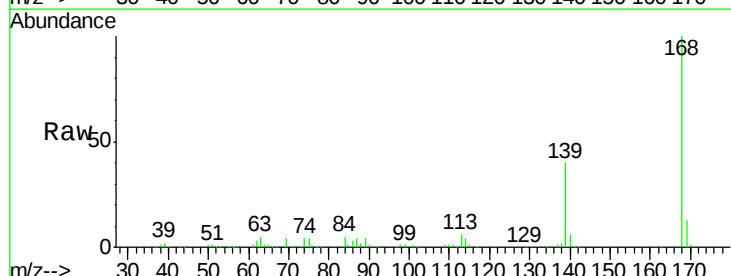


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

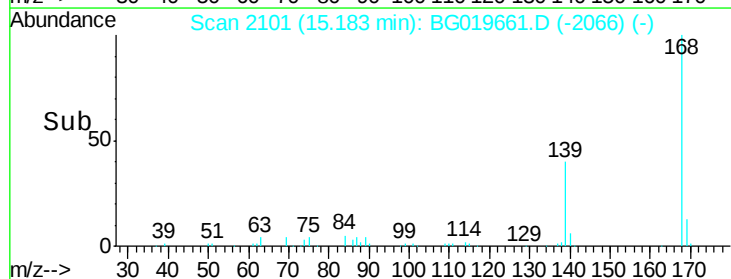
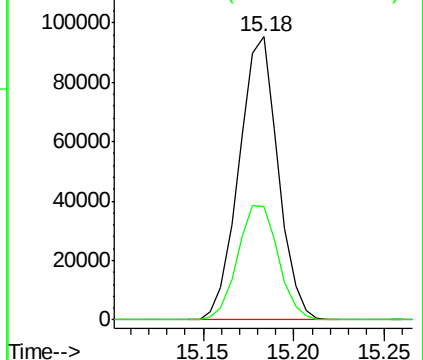


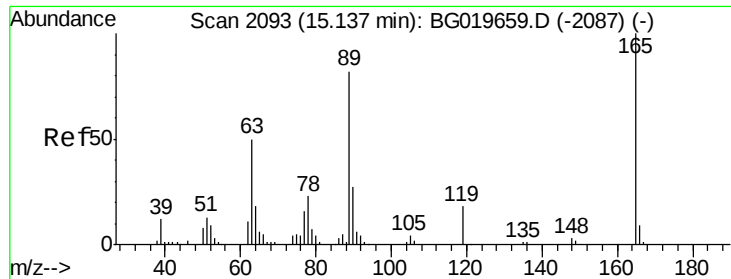
#54
 Dibenzofuran
 Concen: 17.90 ng/ul
 RT: 15.18 min Scan# 2101
 Delta R.T. 0.00 min
 Lab File: BG019661.D
 Acq: 17 Nov 2015 15:03

Tgt Ion:168 Resp: 141948
 Ion Ratio Lower Upper
 168 100
 139 39.9 34.7 52.1



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

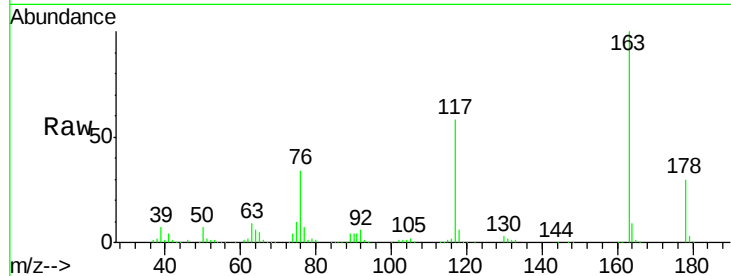




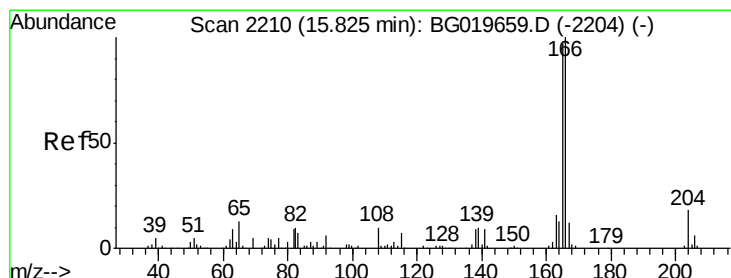
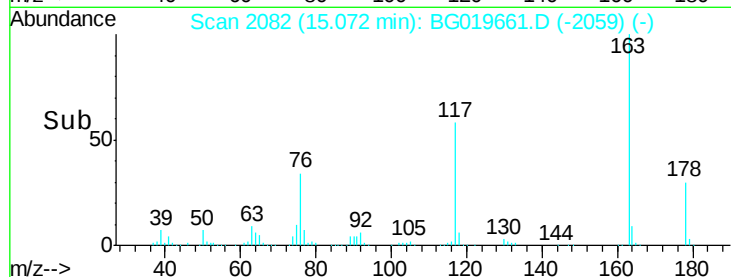
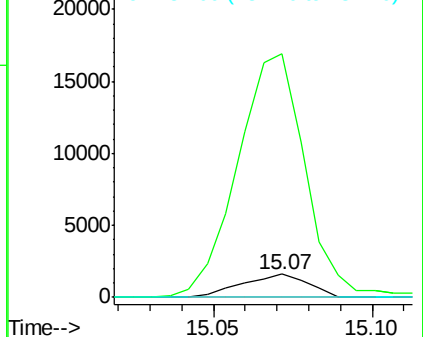
#55
 2,4-Dinitrotoluene
 Concen: 1.03 ng/ul
 RT: 15.07 min Scan# 2082
 Delta R.T. -0.07 min
 Lab File: BG019661.D
 Acq: 17 Nov 2015 15:03

Instrument :
 BNA_G
 ClientSampleId :
 D9KJ8

Tot Ion:165 Resp: 2320
 Ion Ratio Lower Upper
 165 100
 63 1040.6 44.2 66.2#
 182 0.0 2.6 3.8#

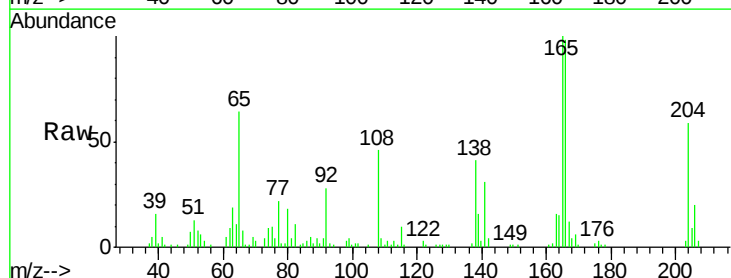


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 182.00 (181.70 to 182.70): E

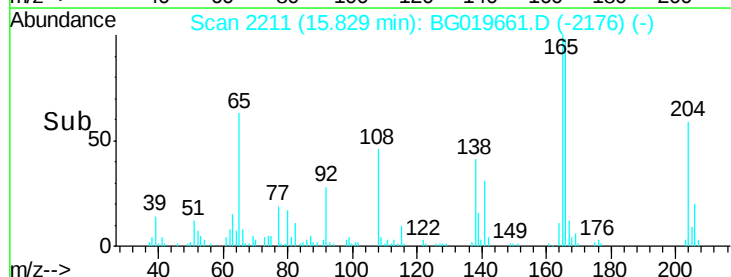
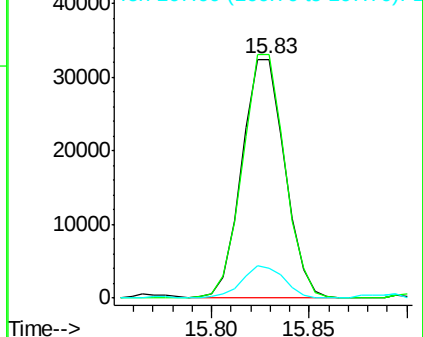


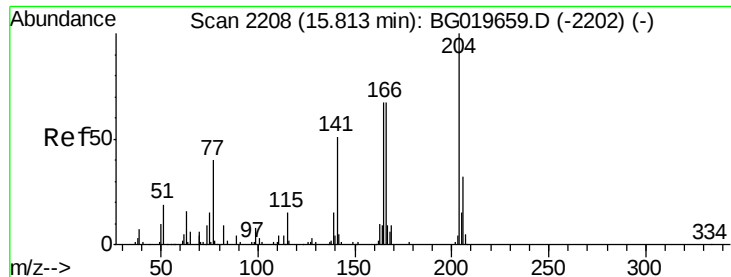
#59
 Fluorene
 Concen: 7.15 ng/ul
 RT: 15.83 min Scan# 2211
 Delta R.T. 0.00 min
 Lab File: BG019661.D
 Acq: 17 Nov 2015 15:03

Tgt Ion:166 Resp: 49553
 Ion Ratio Lower Upper
 166 100
 165 101.9 81.4 122.2
 167 12.7 11.1 16.7



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

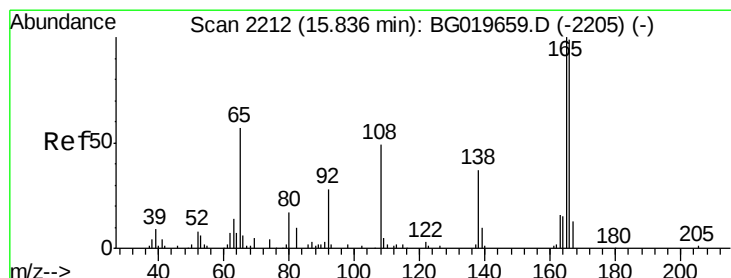
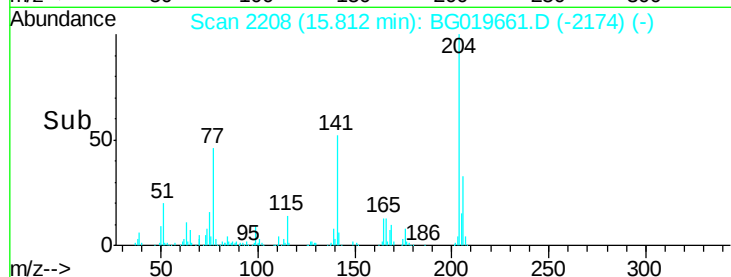
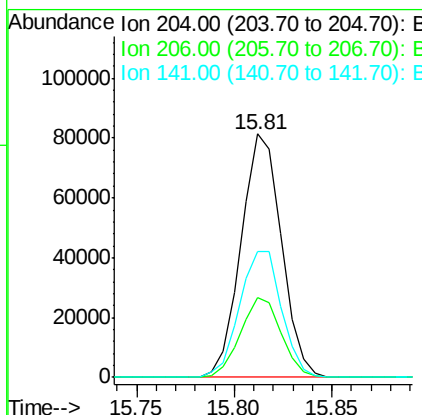
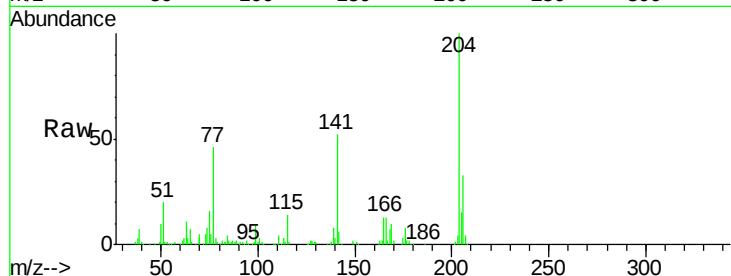




#60
4-Chlorophenyl-phenylether
Concen: 28.96 ng/ul
RT: 15.81 min Scan# 2208
Delta R.T. -0.00 min
Lab File: BG019661.D
Acq: 17 Nov 2015 15:03

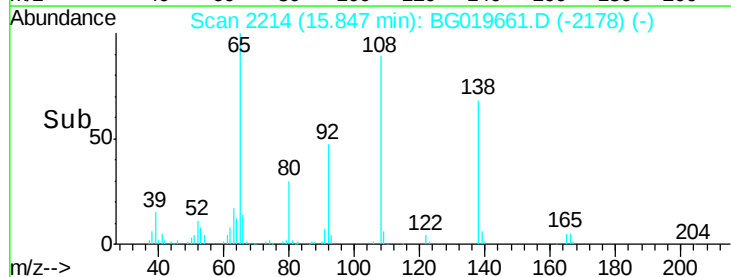
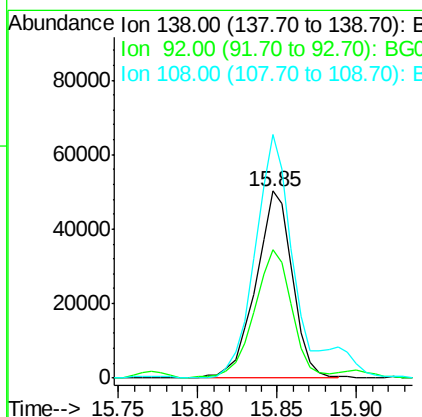
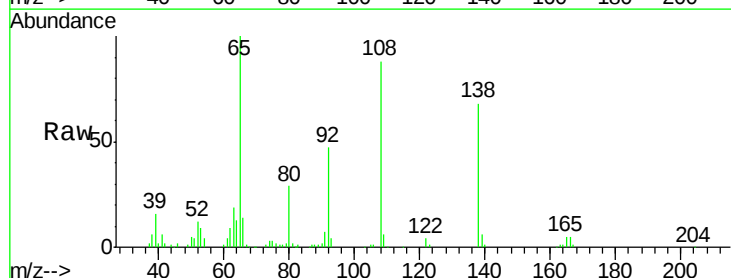
Instrument :
BNA_G
ClientSampleId :
D9KJ8

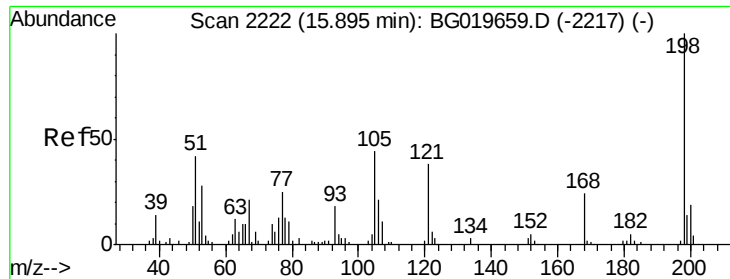
Tot Ion:204 Resp: 116755
Ion Ratio Lower Upper
204 100
206 33.0 27.2 40.8
141 51.8 45.4 68.2



#61
4-Nitroaniline
Concen: 55.49 ng/ul
RT: 15.85 min Scan# 2214
Delta R.T. 0.01 min
Lab File: BG019661.D
Acq: 17 Nov 2015 15:03

Tgt Ion:138 Resp: 80623
Ion Ratio Lower Upper
138 100
92 68.6 49.6 74.4
108 130.2 104.9 157.3

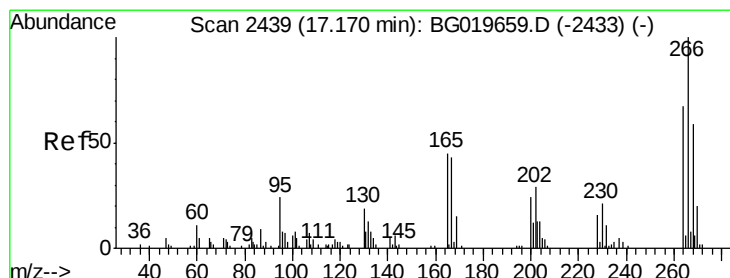
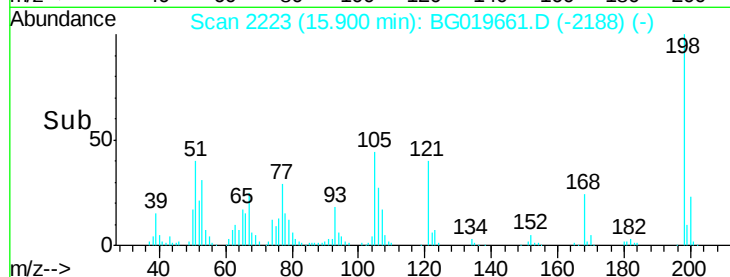
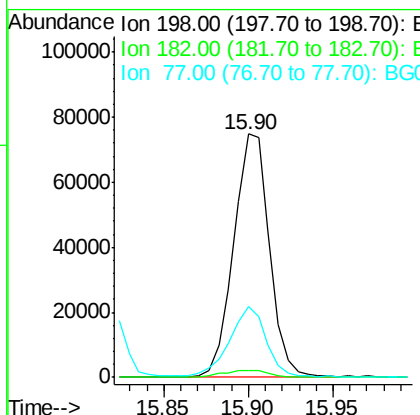
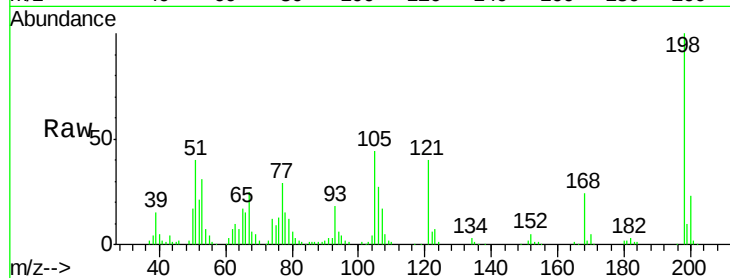




#64
 4,6-Dinitro-2-methylphenol
 Concen: 68.41 ng/ul
 RT: 15.90 min Scan# 2223
 Delta R.T. 0.00 min
 Lab File: BG019661.D
 Acq: 17 Nov 2015 15:03

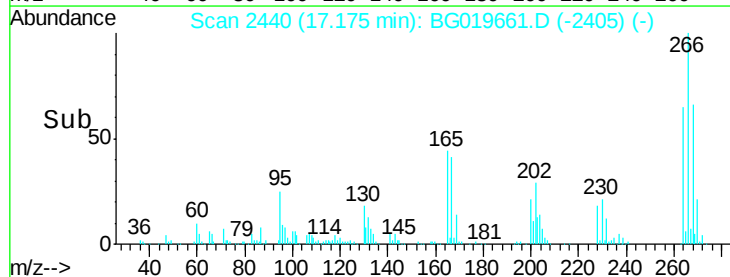
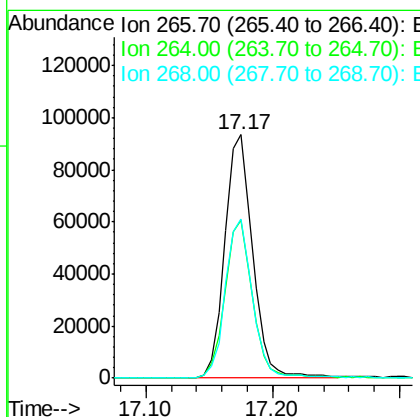
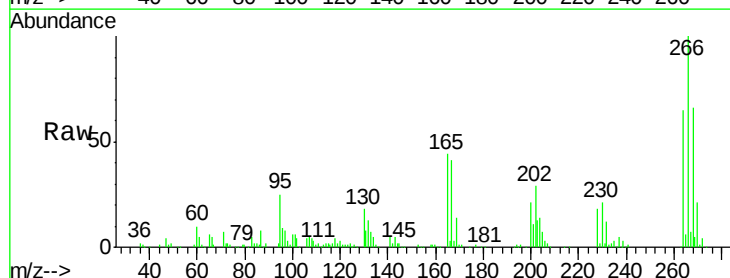
Instrument :
 BNA_G
 ClientSampleID :
 D9KJ8

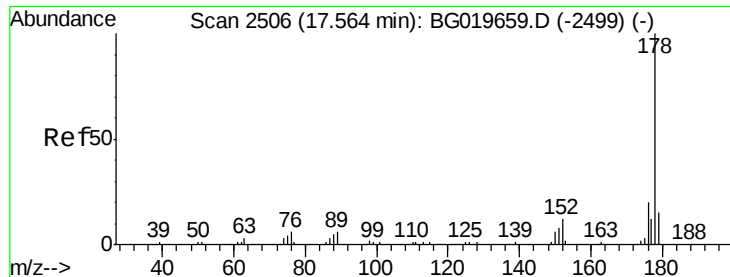
Tot Ion:198 Resp: 110158
 Ion Ratio Lower Upper
 198 100
 182 2.8 3.4 5.2#
 77 28.9 20.6 31.0



#69
 Pentachlorophenol
 Concen: 85.33 ng/ul
 RT: 17.17 min Scan# 2440
 Delta R.T. 0.00 min
 Lab File: BG019661.D
 Acq: 17 Nov 2015 15:03

Tgt Ion:266 Resp: 142132
 Ion Ratio Lower Upper
 266 100
 264 64.7 51.8 77.8
 268 65.6 46.8 70.2

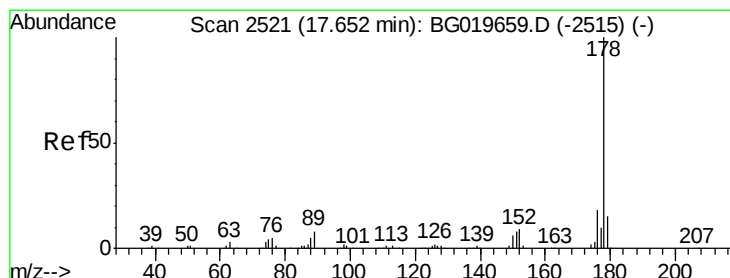
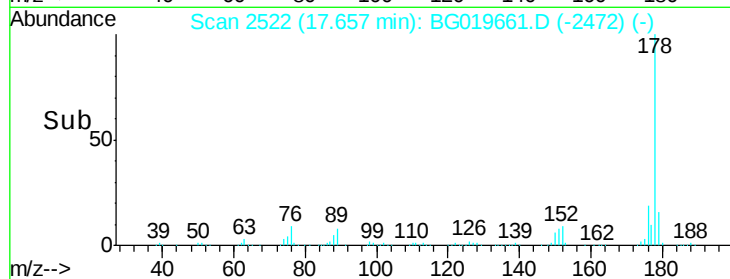
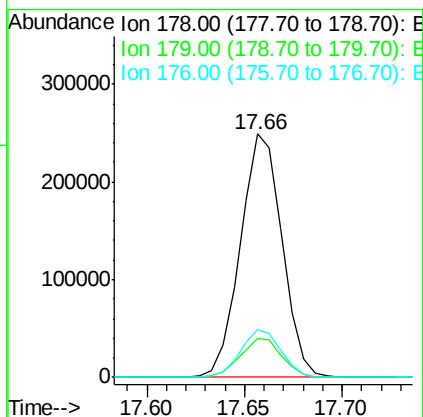
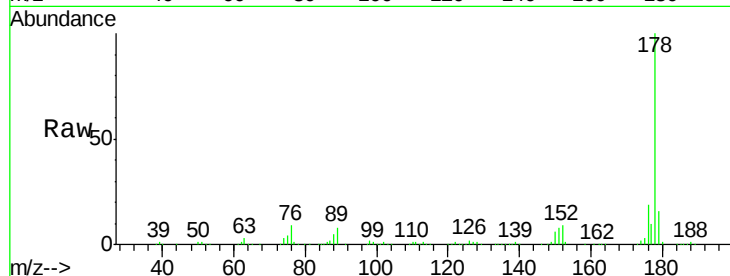




#70
 Phenanthrene
 Concen: 29.27 ng/ul
 RT: 17.66 min Scan# 2522
 Delta R.T. 0.09 min
 Lab File: BG019661.D
 Acq: 17 Nov 2015 15:03

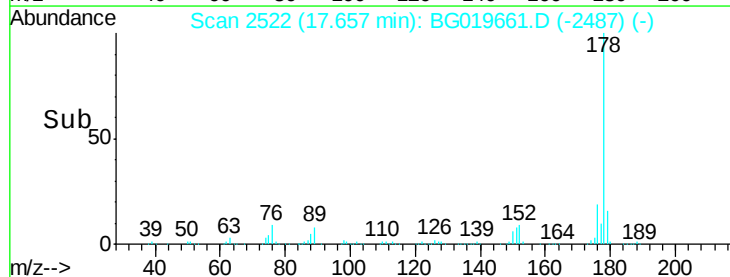
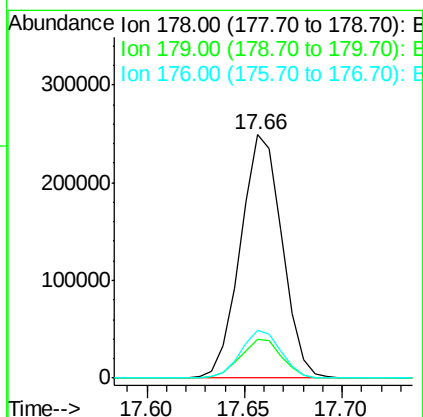
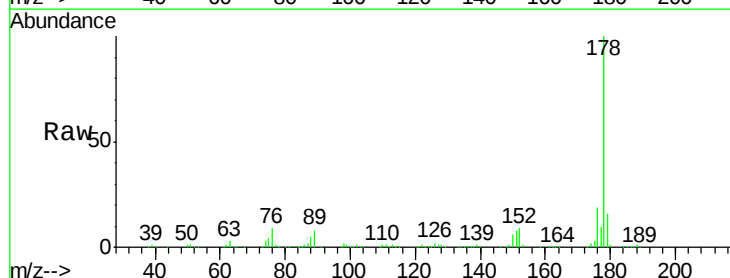
Instrument :
 BNA_G
 ClientSampleId :
 D9KJ8

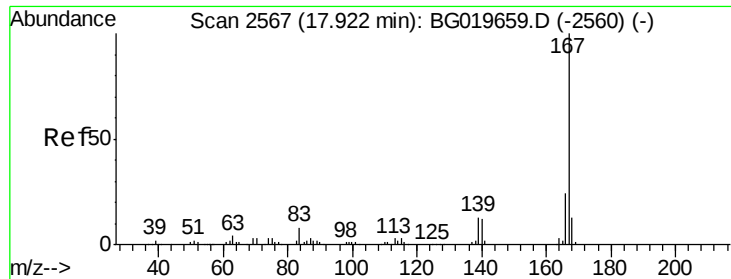
Tot Ion:178 Resp: 367641
 Ion Ratio Lower Upper
 178 100
 179 15.7 12.2 18.2
 176 19.4 16.6 24.8



#72
 Anthracene
 Concen: 29.02 ng/ul
 RT: 17.66 min Scan# 2522
 Delta R.T. 0.00 min
 Lab File: BG019661.D
 Acq: 17 Nov 2015 15:03

Tgt Ion:178 Resp: 367641
 Ion Ratio Lower Upper
 178 100
 179 15.7 12.6 19.0
 176 19.4 15.0 22.4





#75

Carbazole

Concen: 37.19 ng/ul

RT: 17.93 min Scan# 2568

Delta R.T. 0.00 min

Lab File: BG019661.D

Acq: 17 Nov 2015 15:03

Instrument :

BNA_G

ClientSampleId :

D9KJ8

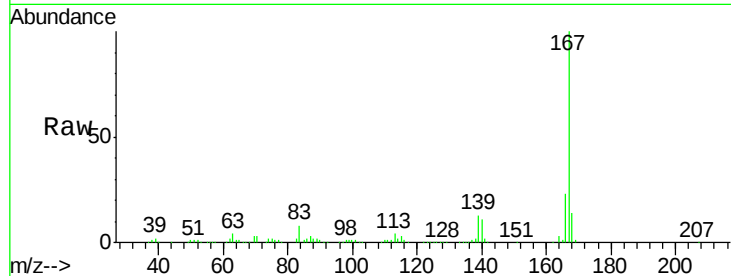
Tot Ion:167 Resp: 378226

Ion Ratio Lower Upper

167 100

166 23.4 18.1 27.1

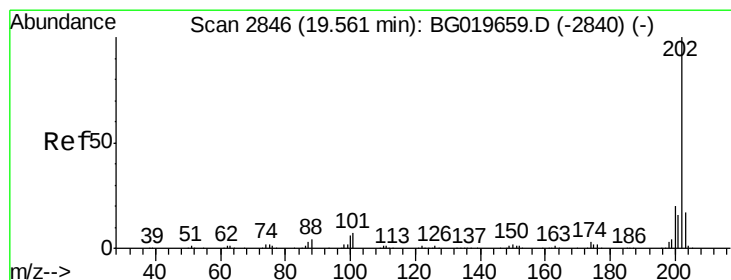
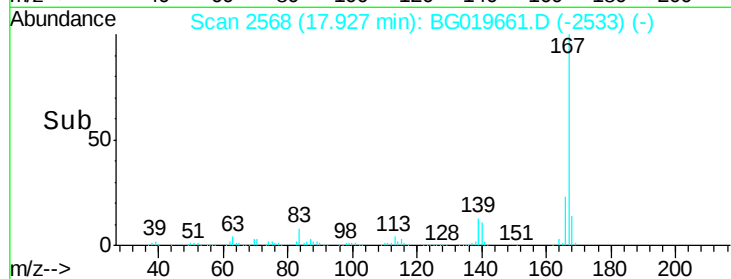
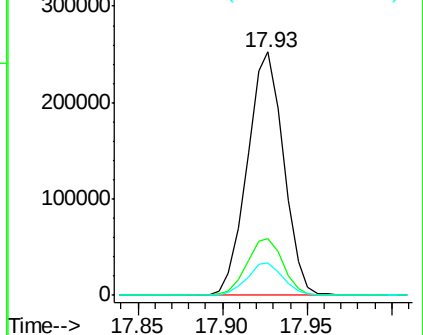
139 13.2 9.8 14.6



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



#77

Fluoranthene

Concen: 19.07 ng/ul

RT: 19.57 min Scan# 2847

Delta R.T. 0.00 min

Lab File: BG019661.D

Acq: 17 Nov 2015 15:03

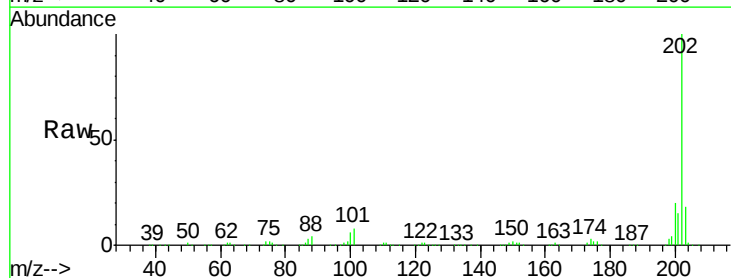
Tgt Ion:202 Resp: 305374

Ion Ratio Lower Upper

202 100

101 8.0 5.2 7.8#

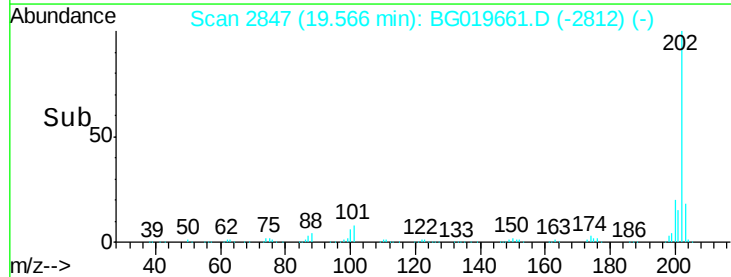
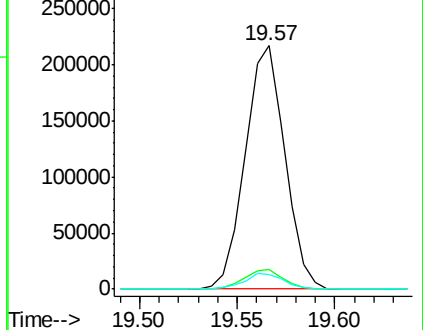
100 5.8 5.0 7.4

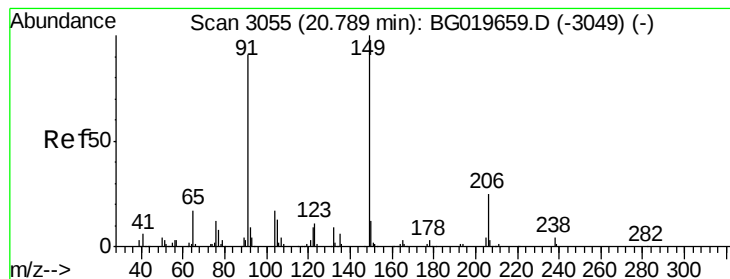


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#81

Butylbenzylphthalate

Concen: 23.34 ng/ul

RT: 20.79 min Scan# 3055

Delta R.T. -0.00 min

Lab File: BG019661.D

Acq: 17 Nov 2015 15:03

Instrument :

BNA_G

ClientSampleId :

D9KJ8

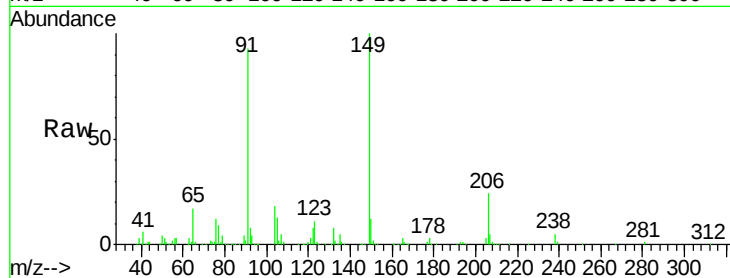
Tot Ion:149 Resp: 137802

Ion Ratio Lower Upper

149 100

91 92.9 71.1 106.7

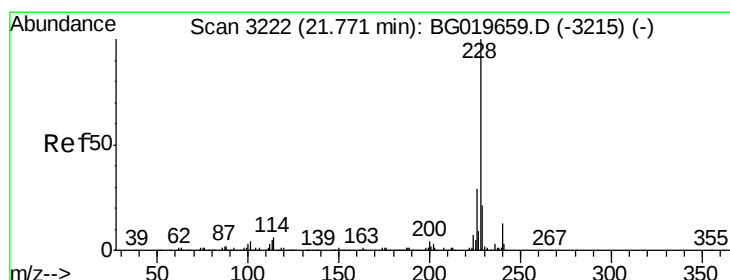
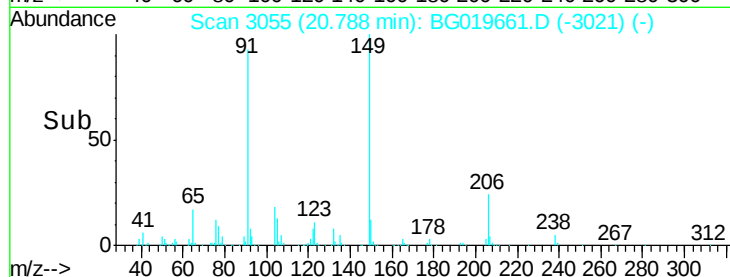
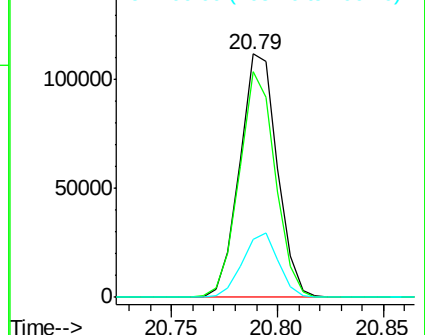
206 24.0 20.4 30.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG019661.D (-3021) (-)

Ion 206.00 (205.70 to 206.70): E



#83

Benzo(a)anthracene

Concen: 27.50 ng/ul

RT: 21.84 min Scan# 3234

Delta R.T. 0.07 min

Lab File: BG019661.D

Acq: 17 Nov 2015 15:03

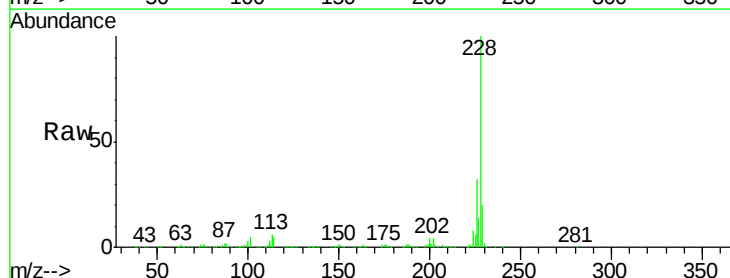
Tgt Ion:228 Resp: 512260

Ion Ratio Lower Upper

228 100

229 20.4 15.7 23.5

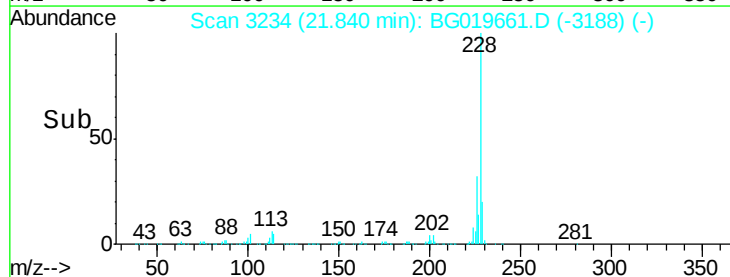
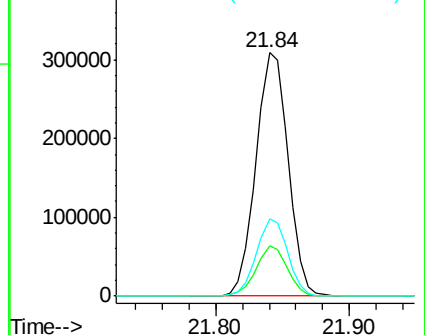
226 32.0 22.6 33.8

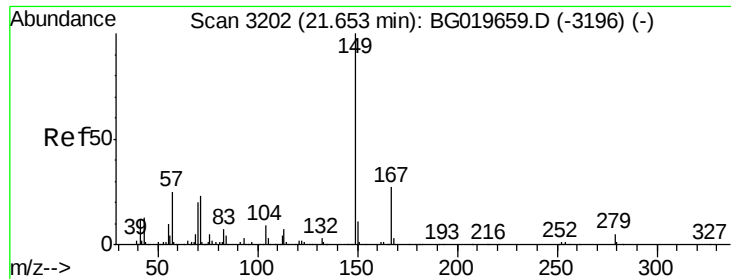


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 21.97 ng/ul

RT: 21.66 min Scan# 3203

Delta R.T. 0.00 min

Lab File: BG019661.D

Acq: 17 Nov 2015 15:03

Instrument :

BNA_G

ClientSampleId :

D9KJ8

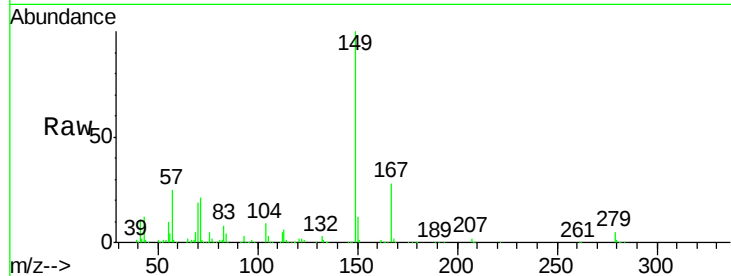
Tot Ion:149 Resp: 190184

Ion Ratio Lower Upper

149 100

167 28.3 22.4 33.6

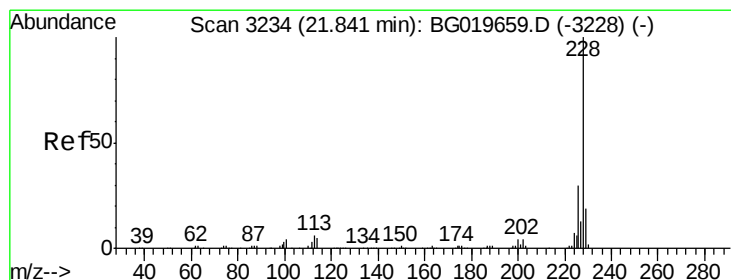
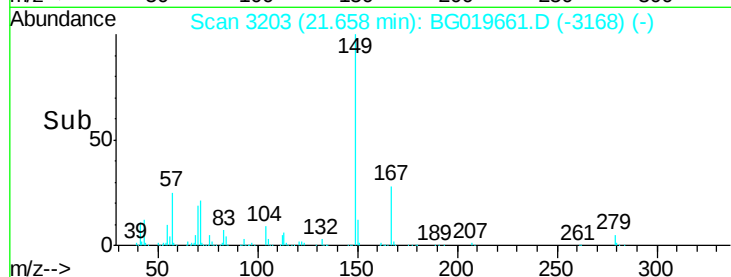
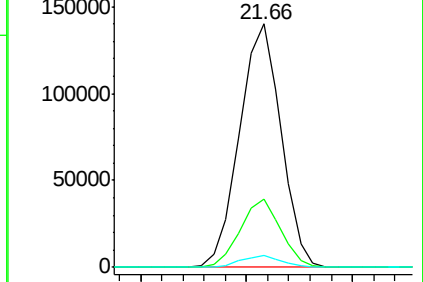
279 4.8 3.6 5.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Chrysene

Concen: 29.21 ng/ul

RT: 21.84 min Scan# 3234

Delta R.T. -0.00 min

Lab File: BG019661.D

Acq: 17 Nov 2015 15:03

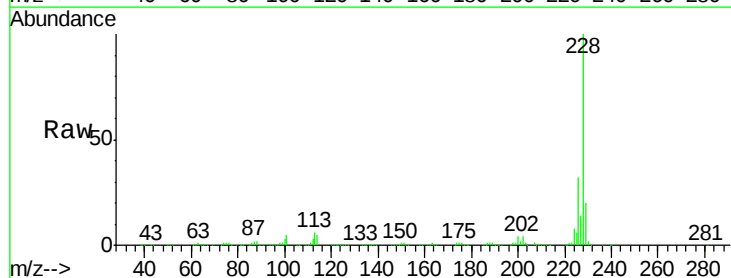
Tgt Ion:228 Resp: 512260

Ion Ratio Lower Upper

228 100

226 32.0 24.9 37.3

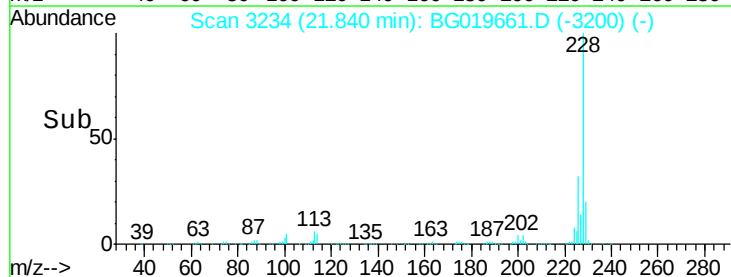
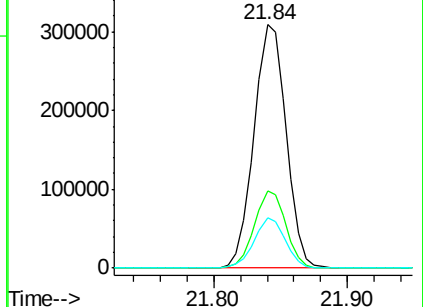
229 20.4 17.0 25.6

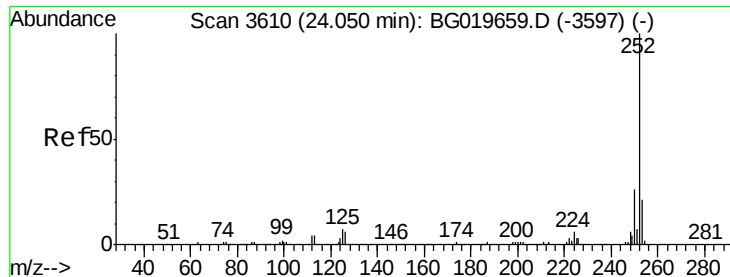


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 34.82 ng/ul

RT: 24.12 min Scan# 3622

Delta R.T. 0.07 min

Lab File: BG019661.D

Acq: 17 Nov 2015 15:03

Instrument :

BNA_G

ClientSampleId :

D9KJ8

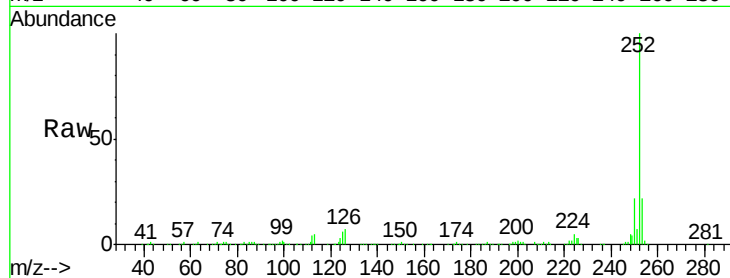
Tot Ion:252 Resp: 626755

Ion Ratio Lower Upper

252 100

253 21.5 17.1 25.7

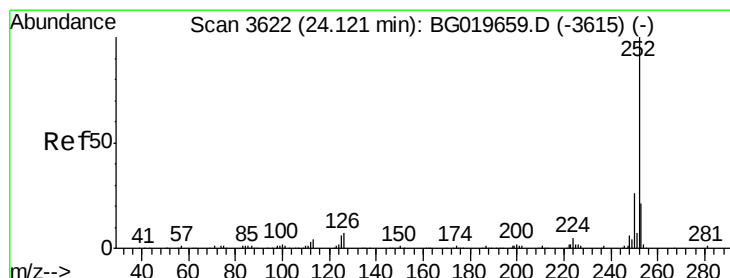
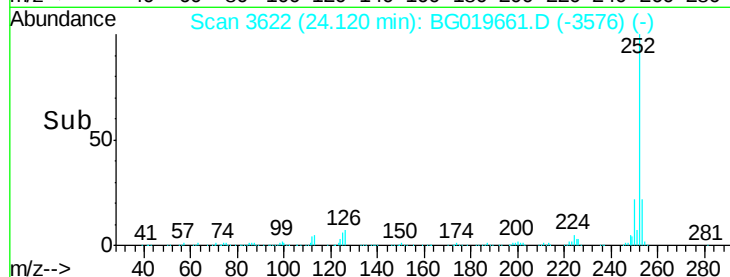
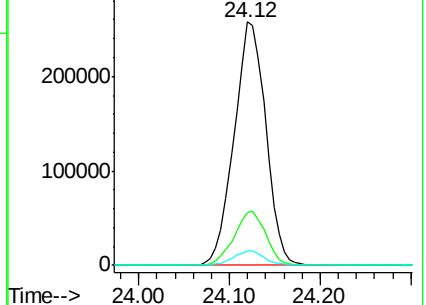
125 6.1 4.2 6.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 36.09 ng/ul

RT: 24.12 min Scan# 3622

Delta R.T. -0.00 min

Lab File: BG019661.D

Acq: 17 Nov 2015 15:03

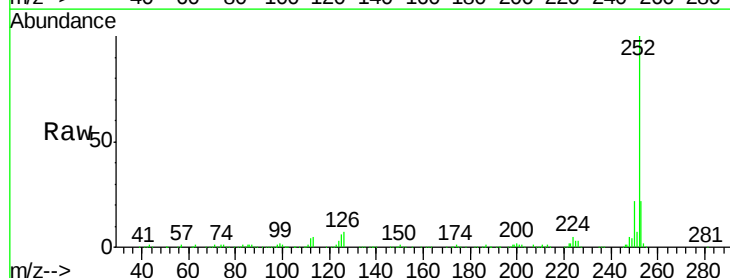
Tgt Ion:252 Resp: 626755

Ion Ratio Lower Upper

252 100

253 21.5 17.1 25.7

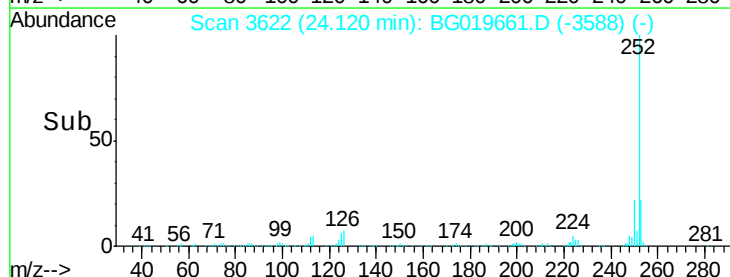
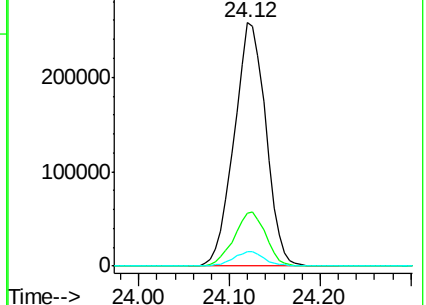
125 6.1 4.4 6.6

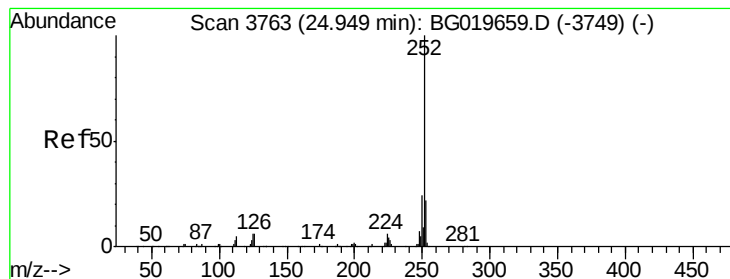


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 35.34 ng/ul

RT: 24.96 min Scan# 3765

Delta R.T. 0.01 min

Lab File: BG019661.D

Acq: 17 Nov 2015 15:03

Instrument :

BNA_G

ClientSampleId :

D9KJ8

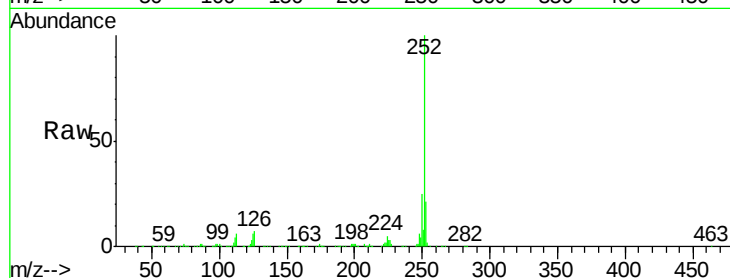
Tot Ion:252 Resp: 612442

Ion Ratio Lower Upper

252 100

253 20.8 16.9 25.3

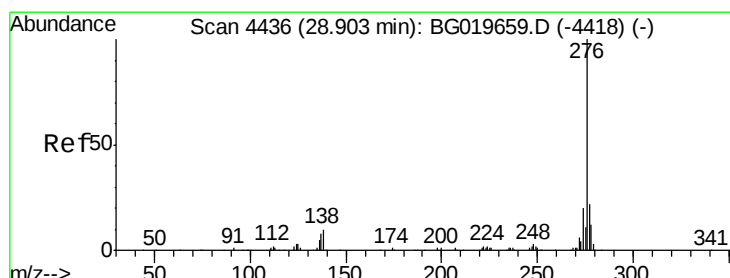
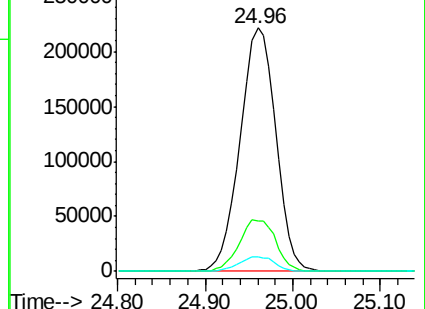
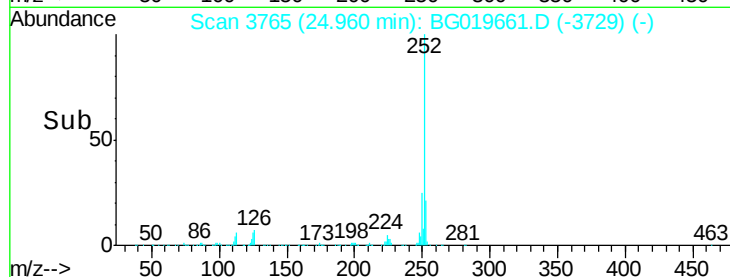
125 6.1 5.4 8.0



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



#92

Indeno(1,2,3-cd)pyrene

Concen: 13.71 ng/ul

RT: 28.90 min Scan# 4436

Delta R.T. -0.00 min

Lab File: BG019661.D

Acq: 17 Nov 2015 15:03

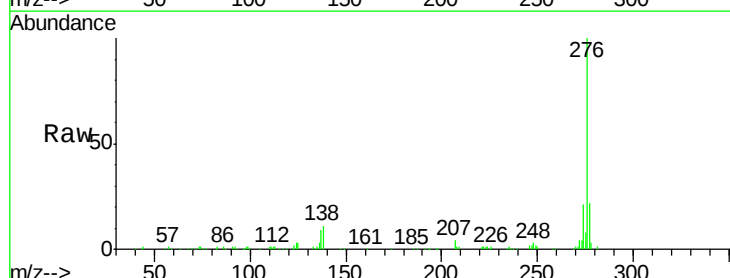
Tgt Ion:276 Resp: 265959

Ion Ratio Lower Upper

276 100

138 11.3 9.9 14.9

277 22.1 21.3 31.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

