

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111915\
 Data File : BG019704.D
 Acq On : 19 Nov 2015 13:43
 Operator : UM/NP
 Sample : G4345-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4HX9

Quant Time: Nov 20 00:38:40 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 20 00:36:38 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	19440	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	83788	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.78	164	67449	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.53	188	209205	20.00	ng/ul	0.00
78) Chrysene-d12	21.79	240	281530	20.00	ng/ul	0.00
86) Perylene-d12	25.11	264	273056	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.45	96	1890	4.15	ng/uL	0.00
5) Phenol-d5	7.29	99	46966	23.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.46	67	31890	24.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.67	132	29723	23.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	40495	24.56	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	17028	24.75	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	17349	22.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	38986	23.29	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	41259	25.96	ng/ul	0.00
44) Dimethylphthalate-d6	14.18	166	161408	26.46	ng/ul	0.00
47) Acenaphthylene-d8	14.48	160	181958	27.52	ng/ul	0.00
52) 4-Nitrophenol-d4	14.97	143	23664	24.62	ng/ul	0.00
58) Fluorene-d10	15.77	176	158861	29.10	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.88	200	20462	15.14	ng/ul	0.00
71) Anthracene-d10	17.62	188	290383	28.59	ng/ul	0.00
79) Pyrene-d10	19.89	212	368235	28.71	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.88	264	417070	29.26	ng/ul	0.00

Target Compounds

						Ovalue
8) Bis(2-Chloroethyl)ether	7.56	93	44563	29.78	ng/ul	93
10) 2-Chlorophenol	7.70	128	3283	2.63	ng/ul#	84
12) 2,2'-oxybis(1-Chloropropan	8.68	45	27052	20.70	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.95	70	23451	12.74	ng/ul#	96
17) Hexachloroethane	9.25	117	7436	12.54	ng/ul	96
21) Isophorone	9.88	82	40153	8.40	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.37	93	65714	27.78	ng/ul	96
27) 2,4-Dichlorophenol	10.62	162	14822	9.30	ng/ul	91
28) Naphthalene	11.03	128	24889	5.50	ng/ul#	94
30) 4-Chloroaniline	11.13	127	4874	2.95	ng/ul	92
35) 1-Methylnaphthalene	12.84	142	39626	11.02	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.98	216	32358	11.97	ng/ul#	89
38) Hexachlorocyclopentadiene	12.96	237	19897	12.63	ng/ul	93
40) 2,4,5-Trichlorophenol	13.30	196	34065	19.74	ng/ul	96
42) 2-Chloronaphthalene	13.67	162	72586	18.62	ng/ul	99
45) Dimethylphthalate	14.22	163	56065	9.27	ng/ul	99
46) 2,6-Dinitrotoluene	14.35	165	25986	21.47	ng/ul	90
48) Acenaphthylene	14.51	152	45632	6.92	ng/ul	98
54) Dibenzofuran	15.18	168	56420	8.52	ng/ul	92
55) 2,4-Dinitrotoluene	15.13	165	15645	8.31	ng/ul#	90
59) Fluorene	15.83	166	118875	20.53	ng/ul	96
60) 4-Chlorophenyl-phenylether	15.81	204	35614	10.57	ng/ul	97
61) 4-Nitroaniline	15.82	138	1574	1.30	ng/ul#	1

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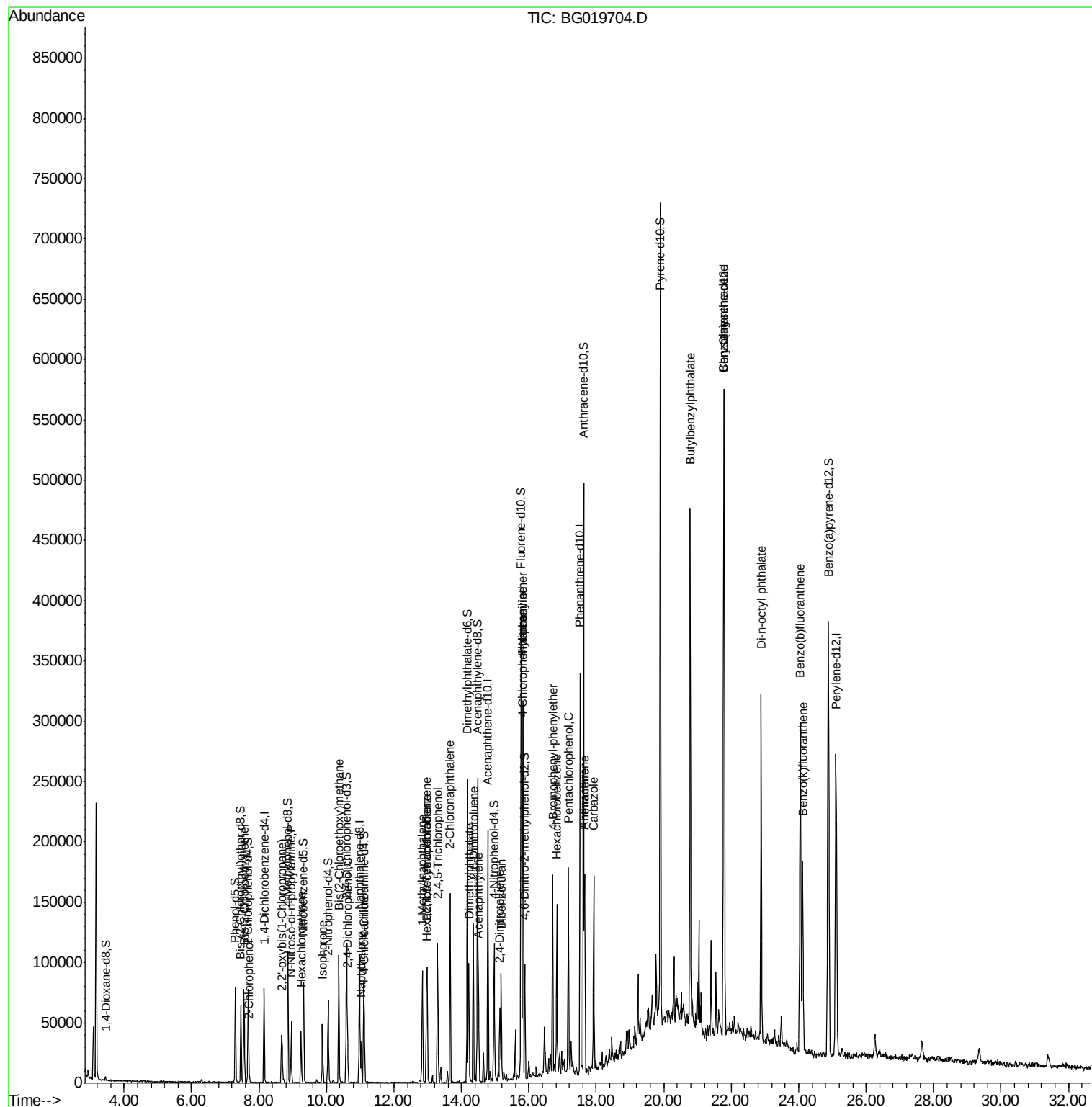
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
66) 4-Bromophenyl-phenylether	16.70	248	32632	12.97	ng/ul	94
67) Hexachlorobenzene	16.83	284	28281	10.66	ng/ul	94
69) Pentachlorophenol	17.17	266	34046	22.93	ng/ul	92
70) Phenanthrene	17.66	178	103472	9.24	ng/ul	96
72) Anthracene	17.66	178	103472	9.16	ng/ul	98
75) Carbazole	17.93	167	107201	11.83	ng/ul	98
81) Butylbenzylphthalate	20.79	149	101639	18.79	ng/ul	91
83) Benzo(a)anthracene	21.77	228	267629	15.68	ng/ul	99
85) Chrysene	21.77	228	267629	16.66	ng/ul	95
87) Di-n-octyl phthalate	22.89	149	239634	18.07	ng/ul	100
88) Benzo(b)fluoranthene	24.05	252	296401	17.62	ng/ul	98
89) Benzo(k)fluoranthene	24.12	252	140259	8.64	ng/ul	97

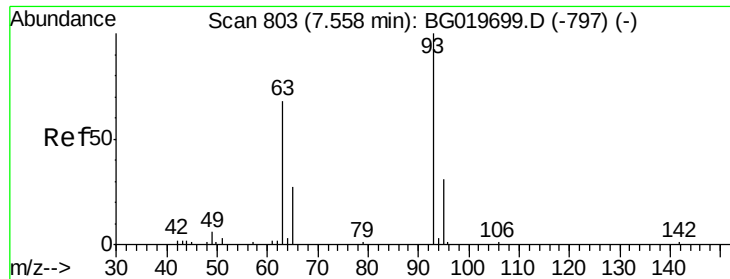
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Bis(2-Chloroethyl)ether

Concen: 29.78 ng/ul

RT: 7.56 min Scan# 803

Delta R.T. -0.00 min

Lab File: BG019704.D

Acq: 19 Nov 2015 13:43

Instrument :

BNA_G

ClientSampleId :

A4HX9

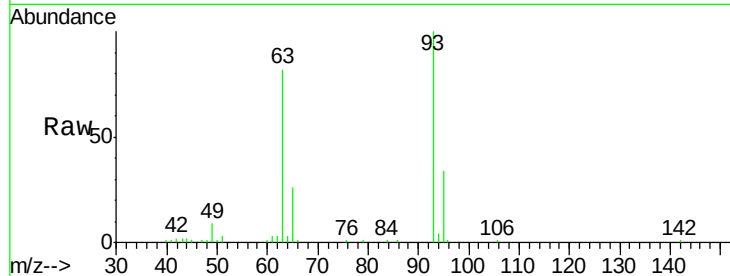
Tot Ion: 93 Resp: 44563

Ion Ratio Lower Upper

93 100

63 82.4 61.0 91.4

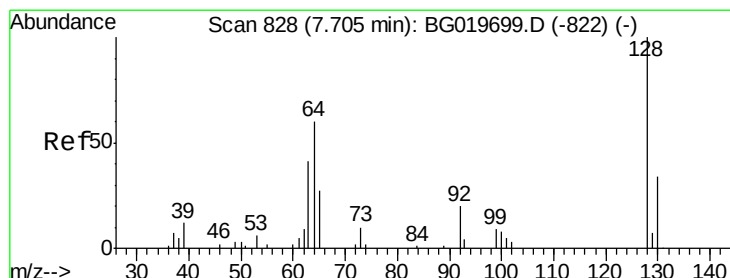
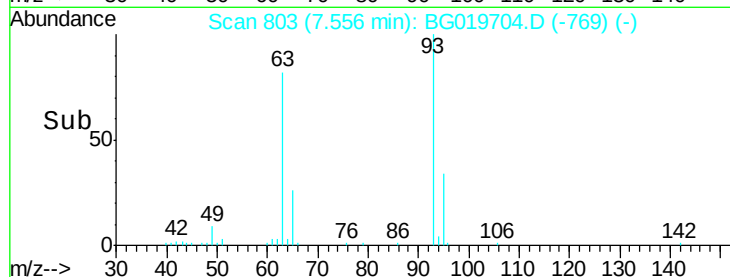
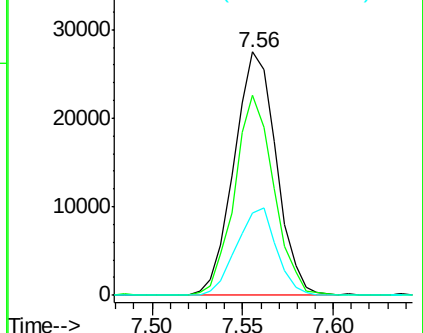
95 33.9 23.7 35.5



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



#10

2-Chlorophenol

Concen: 2.63 ng/ul

RT: 7.70 min Scan# 828

Delta R.T. -0.00 min

Lab File: BG019704.D

Acq: 19 Nov 2015 13:43

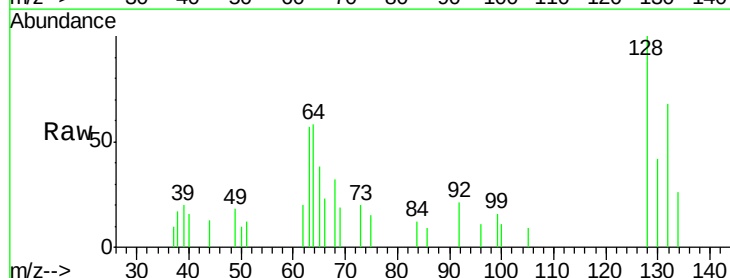
Tgt Ion: 128 Resp: 3283

Ion Ratio Lower Upper

128 100

64 57.7 59.4 89.0#

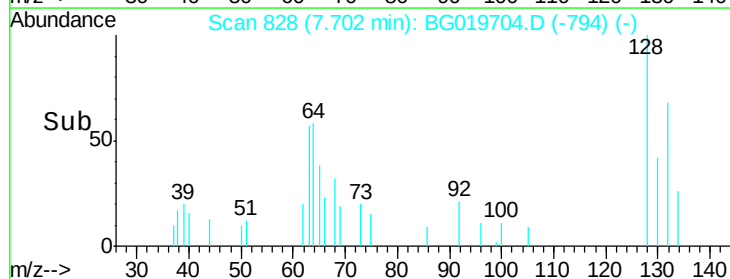
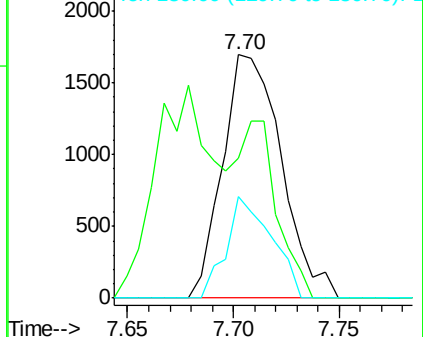
130 41.7 28.9 43.3

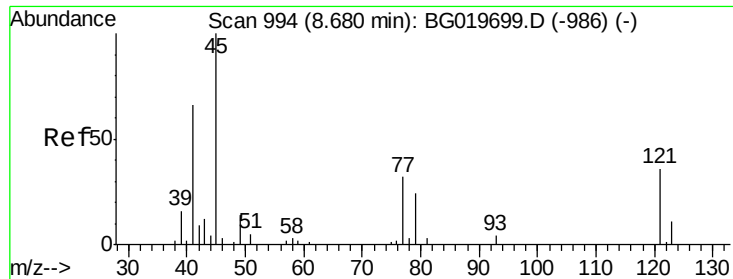


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 130.00 (129.70 to 130.70): E

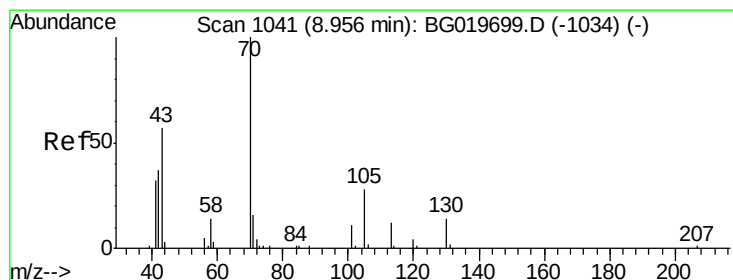
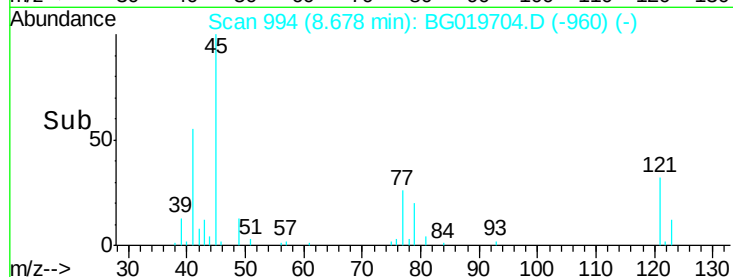
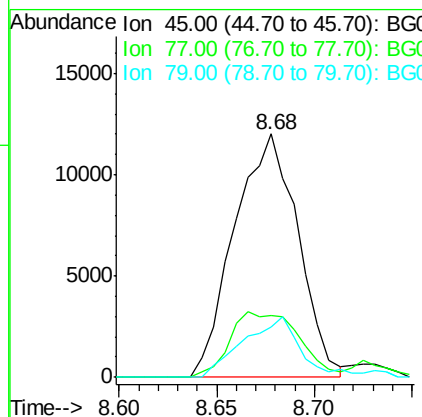
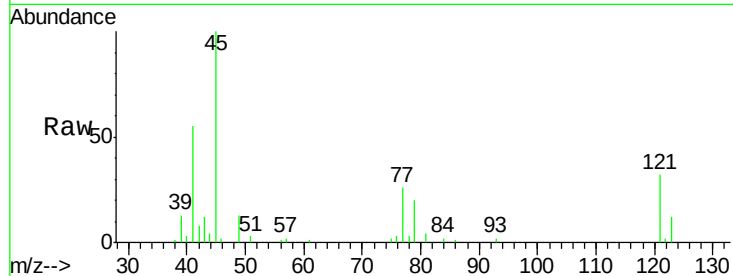




#12
2,2'-oxvbis(1-Chloropropane)
Concen: 20.70 ng/ul
RT: 8.68 min Scan# 994
Delta R.T. -0.00 min
Lab File: BG019704.D
Acq: 19 Nov 2015 13:43

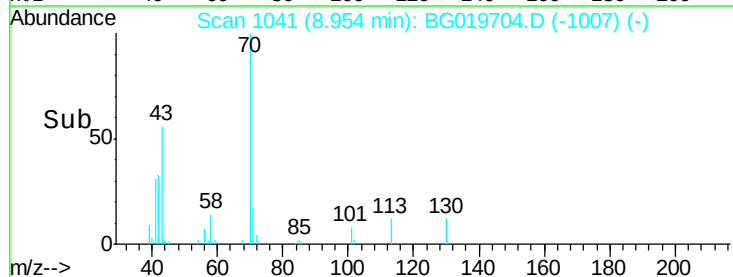
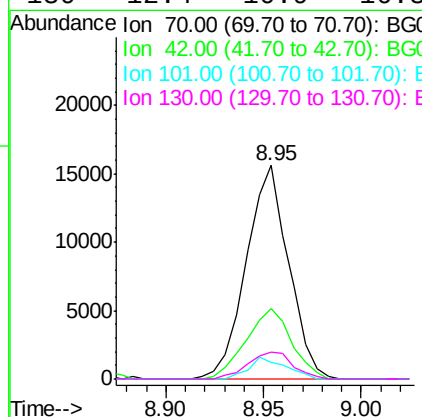
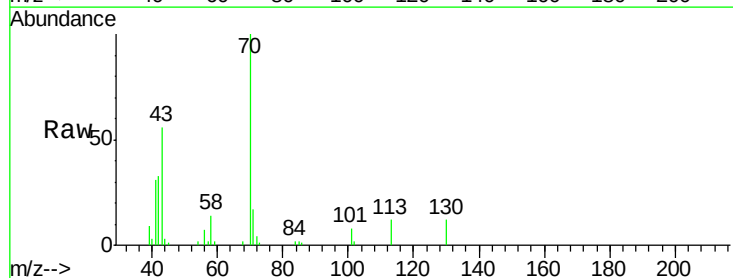
Instrument :
BNA_G
ClientSampleId :
A4HX9

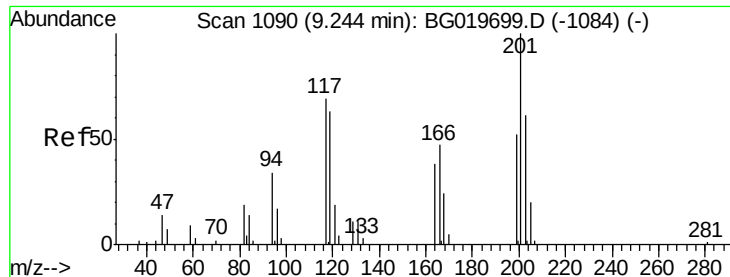
Tot Ion: 45 Resp: 27052
Ion Ratio Lower Upper
45 100
77 25.5 19.1 28.7
79 20.4 16.2 24.2



#15
N-Nitroso-di-n-propylamine
Concen: 12.74 ng/ul
RT: 8.95 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BG019704.D
Acq: 19 Nov 2015 13:43

Tgt Ion: 70 Resp: 23451
Ion Ratio Lower Upper
70 100
42 32.8 28.4 42.6
101 8.0 5.3 7.9#
130 12.4 10.9 16.3





#17

Hexachloroethane

Concen: 12.54 ng/ul

RT: 9.25 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BG019704.D

Acq: 19 Nov 2015 13:43

Instrument :

BNA_G

ClientSampleId :

A4HX9

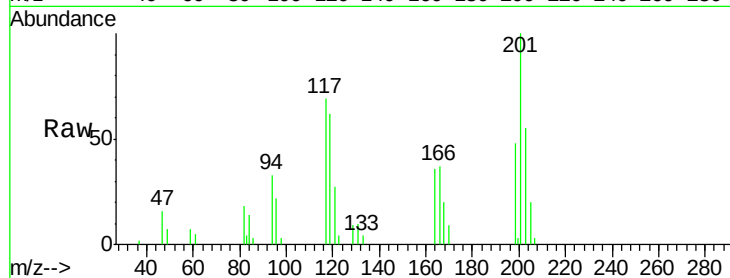
Tot Ion:117 Resp: 7436

Ion Ratio Lower Upper

117 100

201 143.9 114.2 171.2

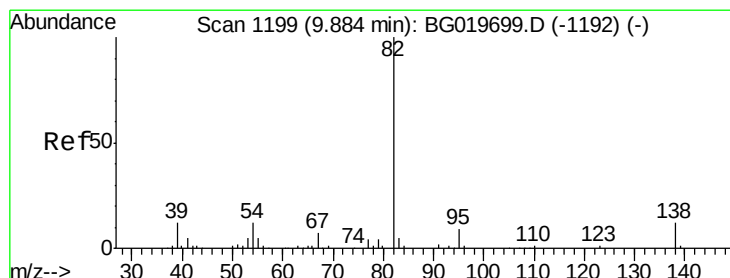
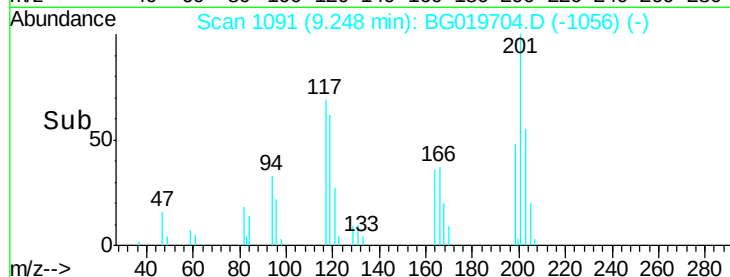
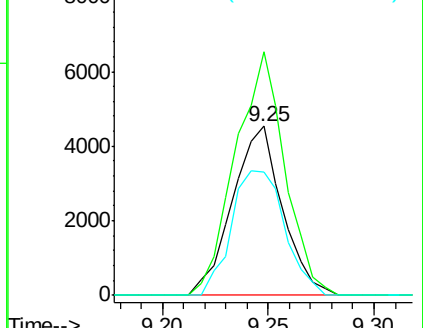
199 72.9 65.0 97.6



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: 8.40 ng/ul

RT: 9.88 min Scan# 1199

Delta R.T. -0.00 min

Lab File: BG019704.D

Acq: 19 Nov 2015 13:43

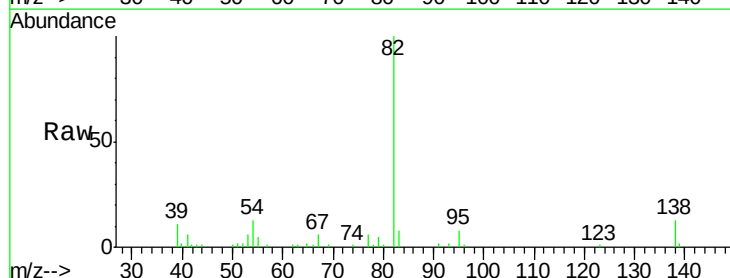
Tgt Ion: 82 Resp: 40153

Ion Ratio Lower Upper

82 100

95 7.8 6.0 9.0

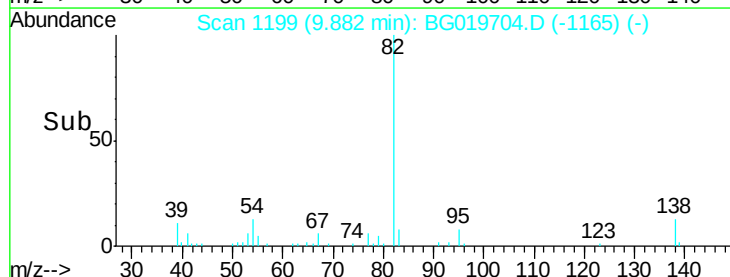
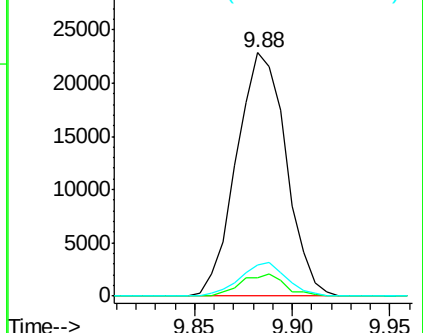
138 12.8 9.1 13.7

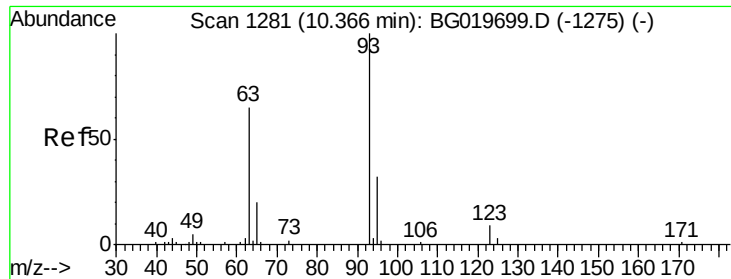


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 138.00 (137.70 to 138.70): E

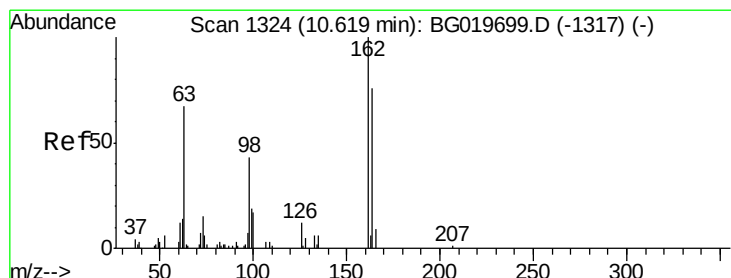
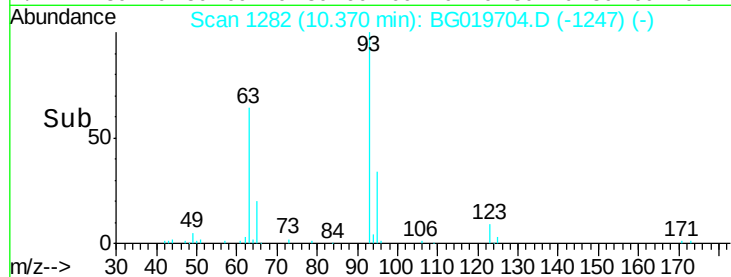
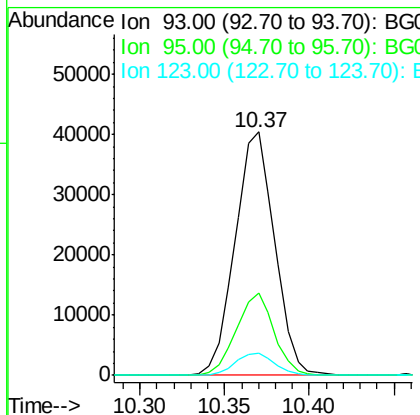
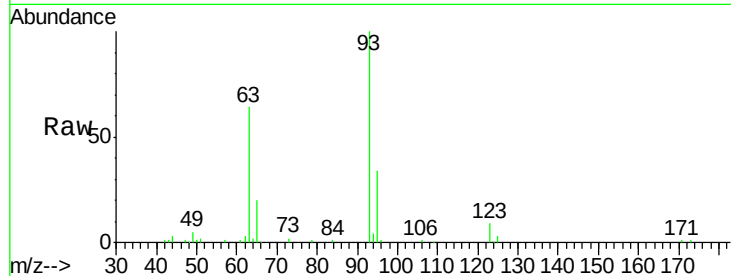




#25
 Bis(2-Chloroethoxy)methane
 Concen: 27.78 ng/ul
 RT: 10.37 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: BG019704.D
 Acq: 19 Nov 2015 13:43

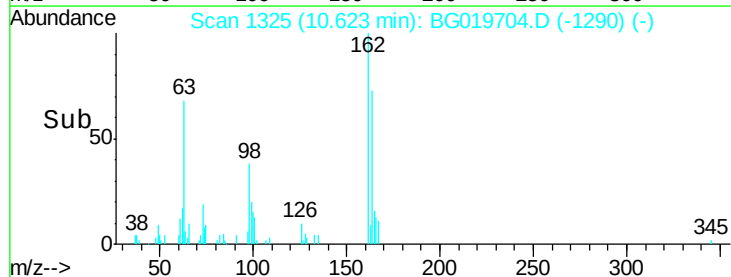
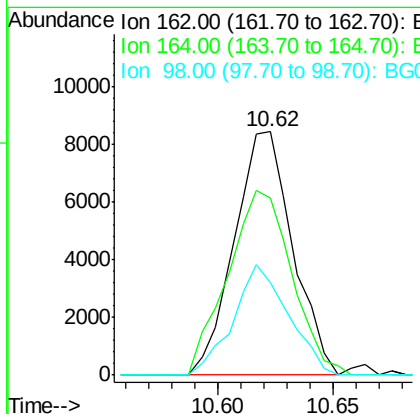
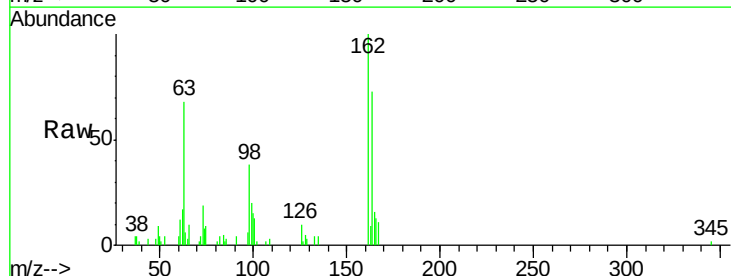
Instrument :
 BNA_G
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 A4HX9

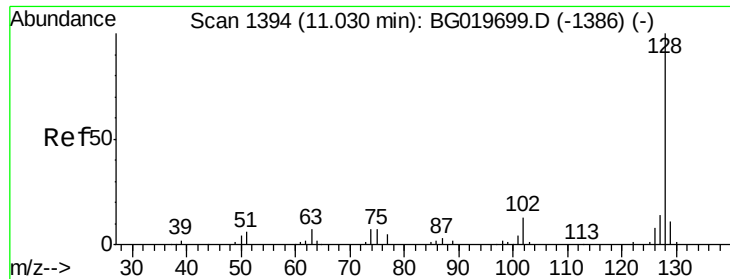
Tot Ion: 93 Resp: 65714
 Ion Ratio Lower Upper
 93 100
 95 34.1 29.4 44.0
 123 9.0 7.1 10.7



#27
 2,4-Dichlorophenol
 Concen: 9.30 ng/ul
 RT: 10.62 min Scan# 1325
 Delta R.T. 0.00 min
 Lab File: BG019704.D
 Acq: 19 Nov 2015 13:43

Tgt Ion: 162 Resp: 14822
 Ion Ratio Lower Upper
 162 100
 164 72.6 50.2 75.2
 98 37.8 32.5 48.7





#28

Naphthalene

Concen: 5.50 ng/ul

RT: 11.03 min Scan# 1394

Delta R.T. -0.00 min

Lab File: BG019704.D

Acq: 19 Nov 2015 13:43

Instrument :

BNA_G

ClientSampleId :

A4HX9

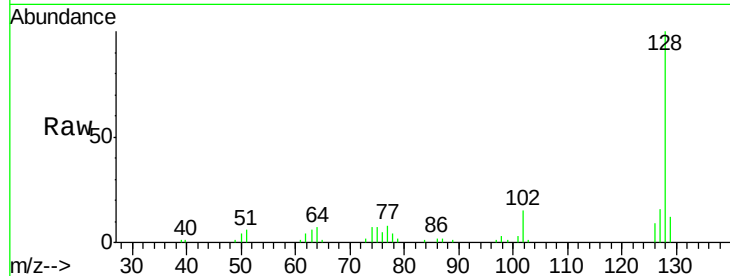
Tot Ion:128 Resp: 24889

Ion Ratio Lower Upper

128 100

129 11.5 8.1 12.1

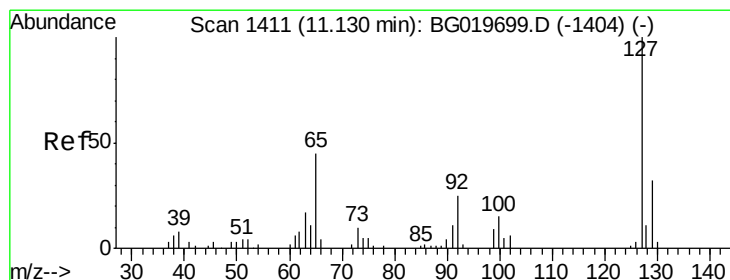
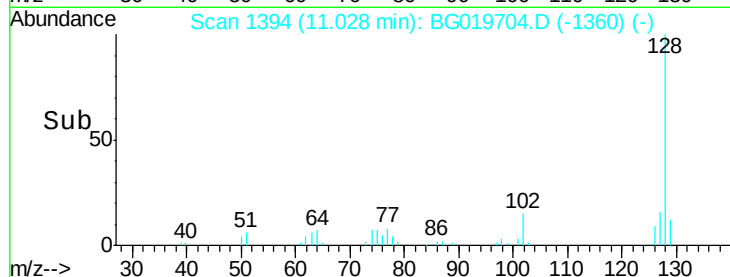
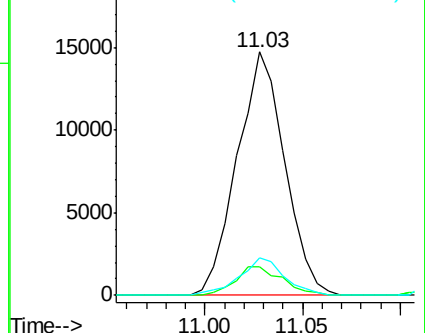
127 15.6 10.0 15.0#



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



#30

4-Chloroaniline

Concen: 2.95 ng/ul

RT: 11.13 min Scan# 1411

Delta R.T. -0.00 min

Lab File: BG019704.D

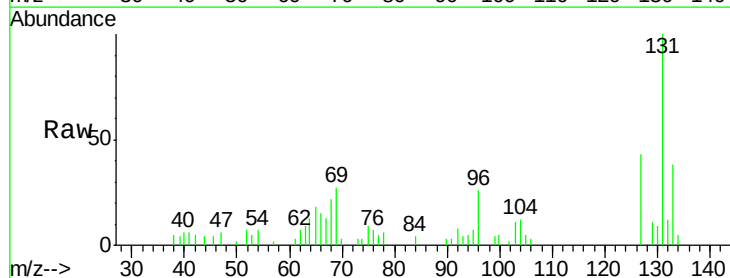
Acq: 19 Nov 2015 13:43

Tgt Ion:127 Resp: 4874

Ion Ratio Lower Upper

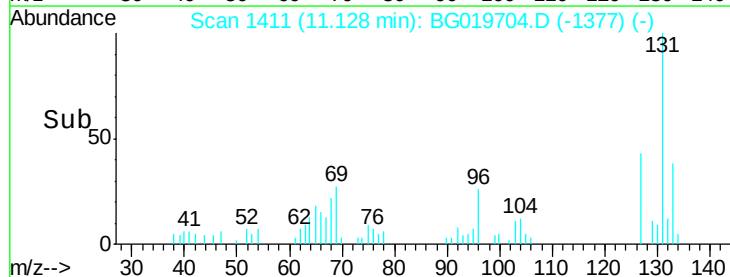
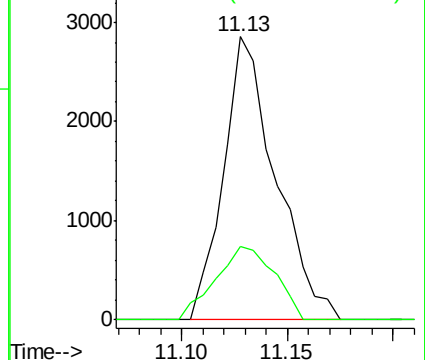
127 100

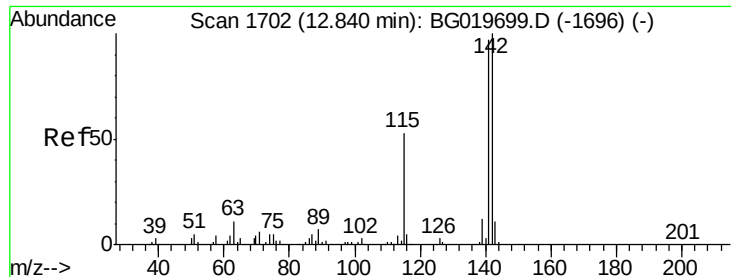
129 25.8 24.2 36.4



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

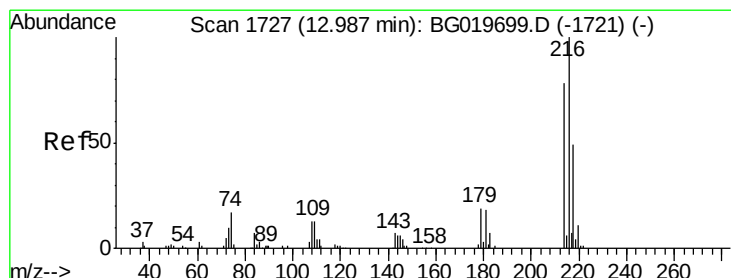
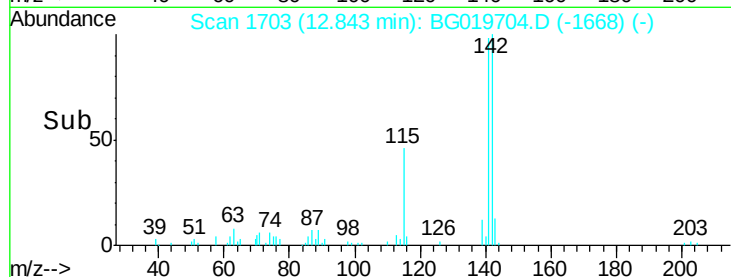
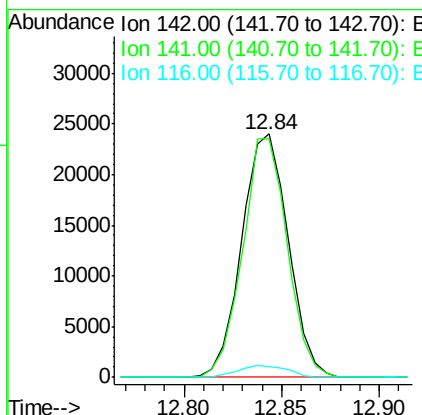
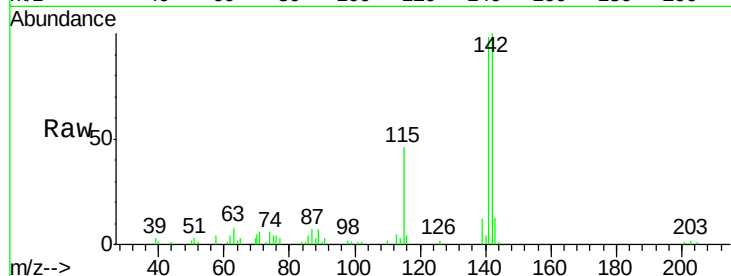




#35
1-Methylnaphthalene
Concen: 11.02 ng/ul
RT: 12.84 min Scan# 1703
Delta R.T. 0.00 min
Lab File: BG019704.D
Acq: 19 Nov 2015 13:43

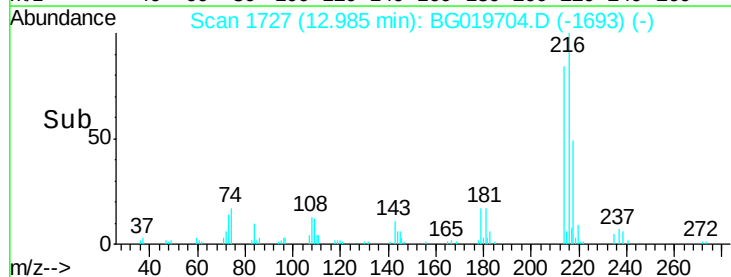
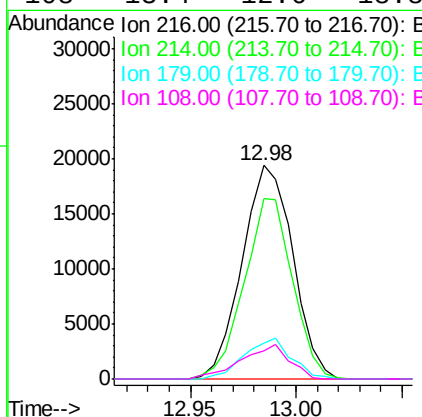
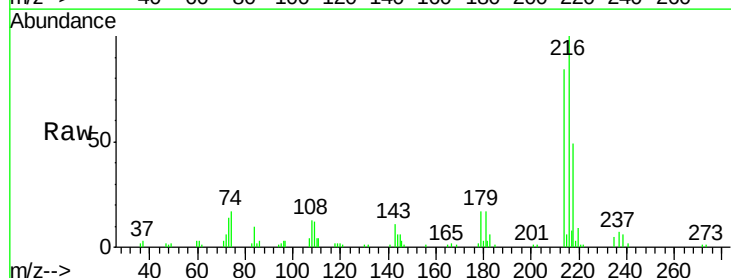
Instrument :
BNA_G
ClientSampleId :
A4HX9

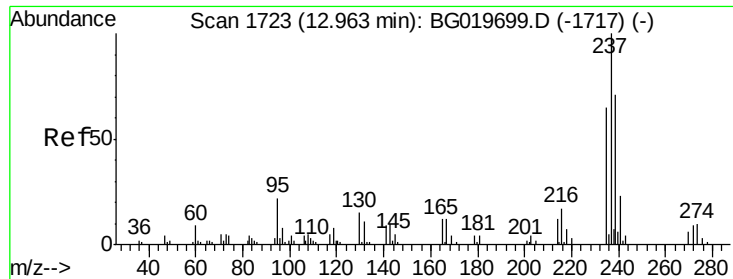
Tot Ion:142 Resp: 39626
Ion Ratio Lower Upper
142 100
141 98.1 76.6 114.8
116 4.4 4.1 6.1



#37
1,2,4,5-Tetrachlorobenzene
Concen: 11.97 ng/ul
RT: 12.98 min Scan# 1727
Delta R.T. -0.00 min
Lab File: BG019704.D
Acq: 19 Nov 2015 13:43

Tgt Ion:216 Resp: 32358
Ion Ratio Lower Upper
216 100
214 90.0 62.9 94.3
179 16.5 16.9 25.3#
108 13.4 12.6 18.8

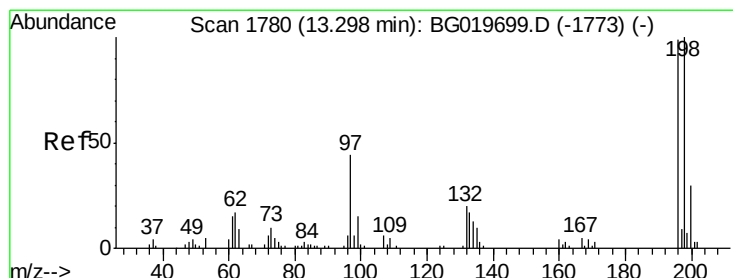
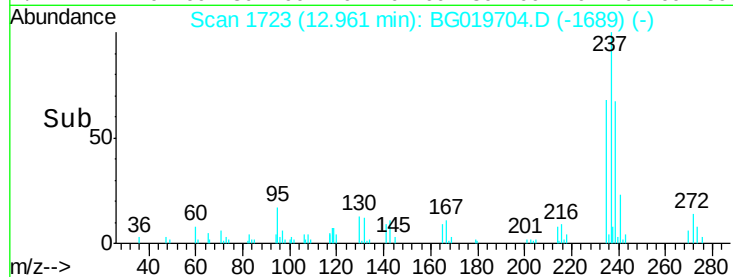
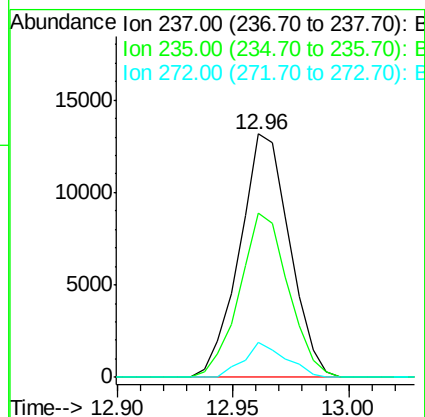
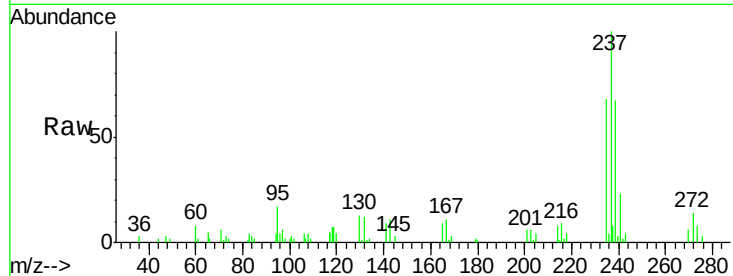




#38
Hexachlorocyclopentadiene
Concen: 12.63 ng/ul
RT: 12.96 min Scan# 1723
Delta R.T. -0.00 min
Lab File: BG019704.D
Acq: 19 Nov 2015 13:43

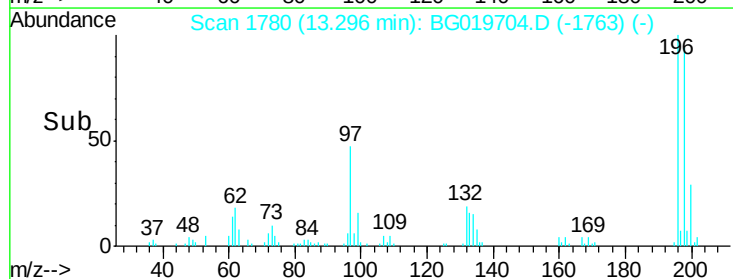
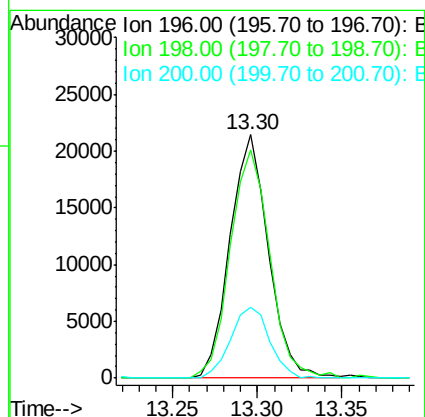
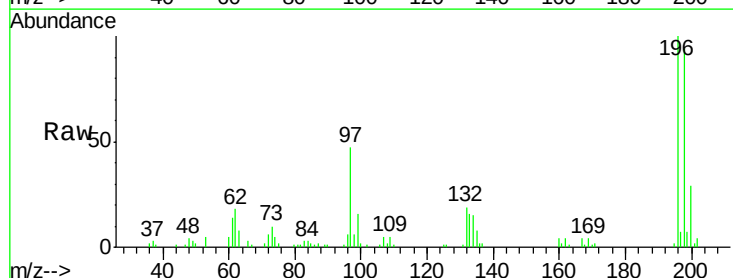
Instrument :
BNA_G
ClientSampleId :
A4HX9

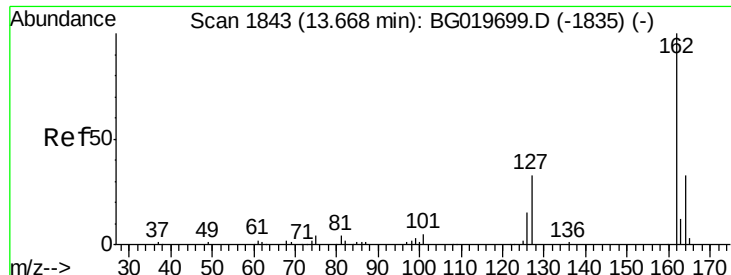
Tot Ion:237 Resp: 19897
Ion Ratio Lower Upper
237 100
235 62.7 54.8 82.2
272 13.1 9.1 13.7



#40
2,4,5-Trichlorophenol
Concen: 19.74 ng/ul
RT: 13.30 min Scan# 1780
Delta R.T. -0.00 min
Lab File: BG019704.D
Acq: 19 Nov 2015 13:43

Tgt Ion:196 Resp: 34065
Ion Ratio Lower Upper
196 100
198 93.7 79.0 118.4
200 29.2 24.2 36.2

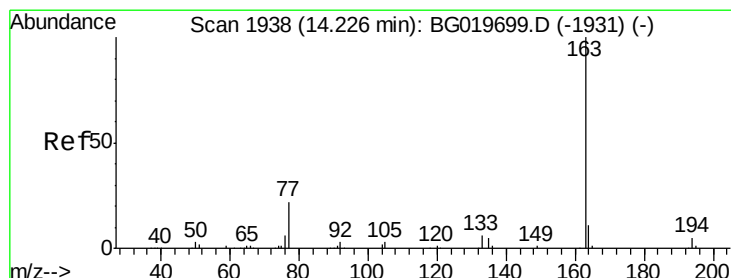
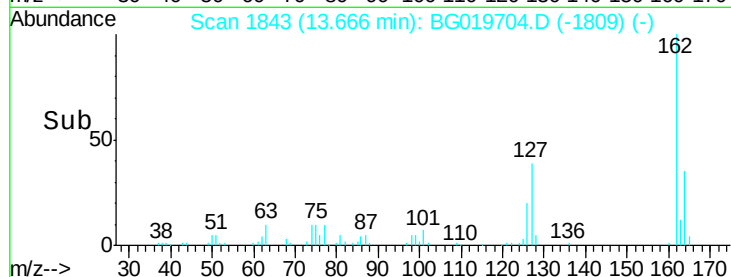
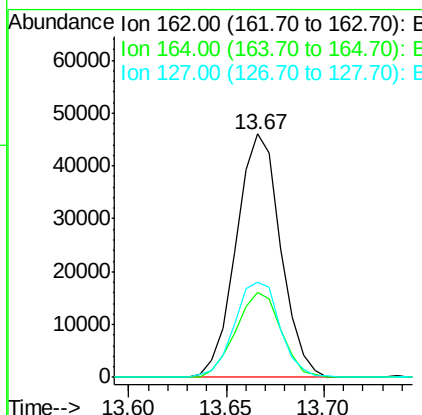
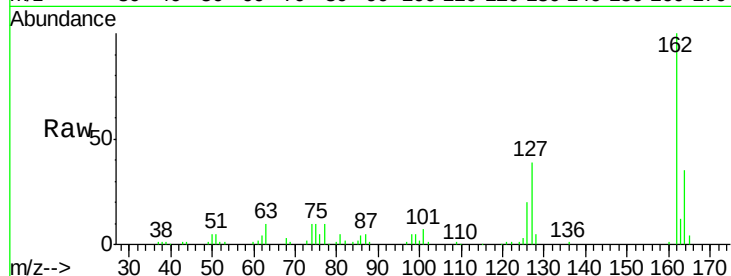




#42
2-Chloronaphthalene
Concen: 18.62 ng/ul
RT: 13.67 min Scan# 1843
Delta R.T. -0.00 min
Lab File: BG019704.D
Acq: 19 Nov 2015 13:43

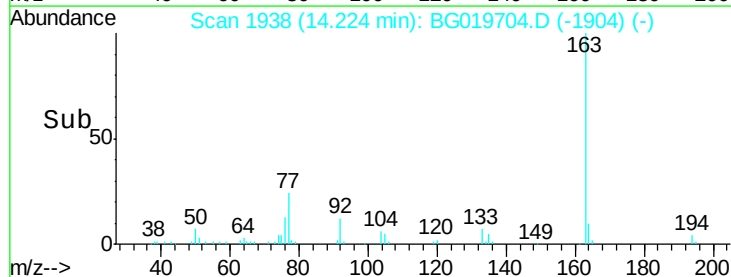
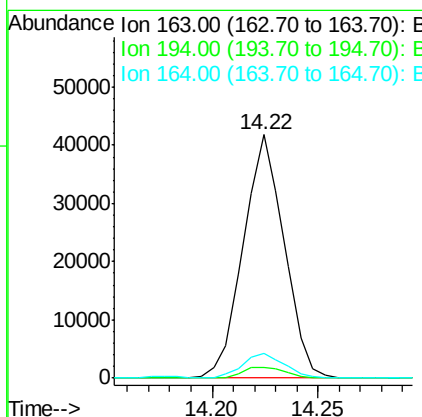
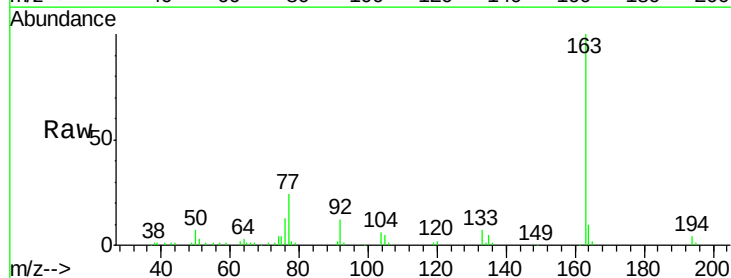
Instrument :
BNA_G
ClientSampleId :
A4HX9

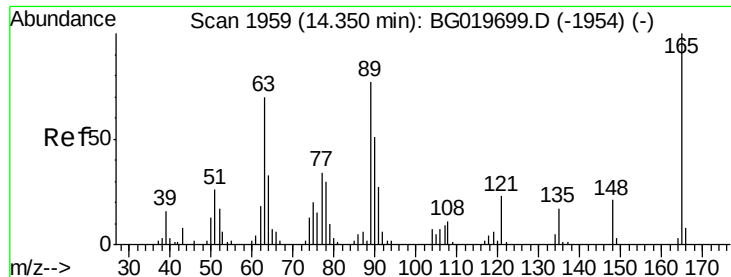
Tot Ion:162 Resp: 72586
Ion Ratio Lower Upper
162 100
164 35.1 28.3 42.5
127 39.0 32.4 48.6



#45
Dimethylphthalate
Concen: 9.27 ng/ul
RT: 14.22 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BG019704.D
Acq: 19 Nov 2015 13:43

Tgt Ion:163 Resp: 56065
Ion Ratio Lower Upper
163 100
194 4.4 3.5 5.3
164 10.0 8.3 12.5

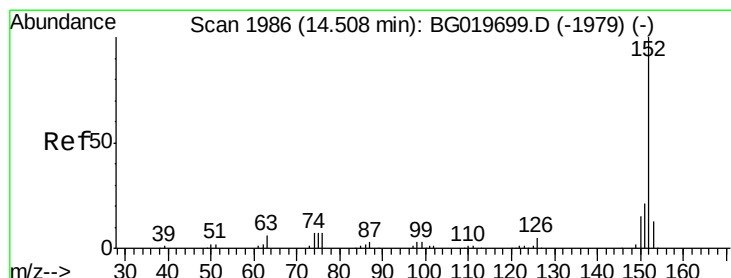
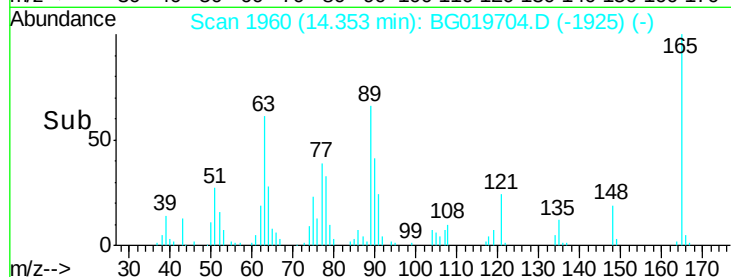
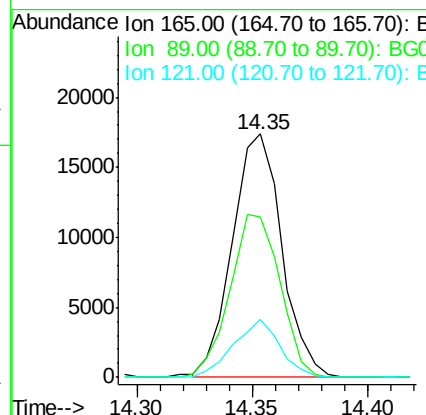
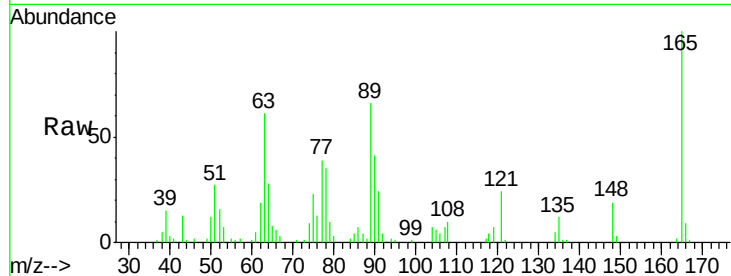




#46
 2,6-Dinitrotoluene
 Concen: 21.47 ng/ul
 RT: 14.35 min Scan# 1960
 Delta R.T. 0.00 min
 Lab File: BG019704.D
 Acq: 19 Nov 2015 13:43

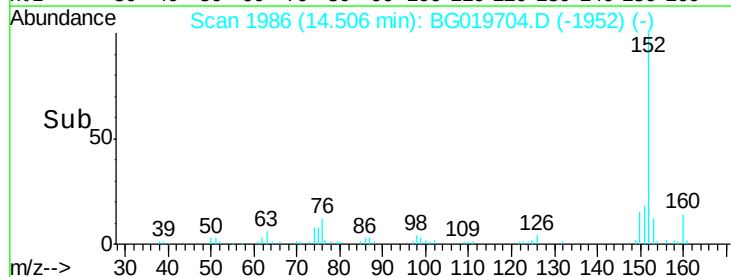
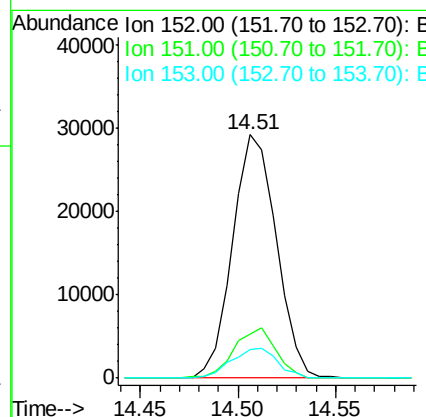
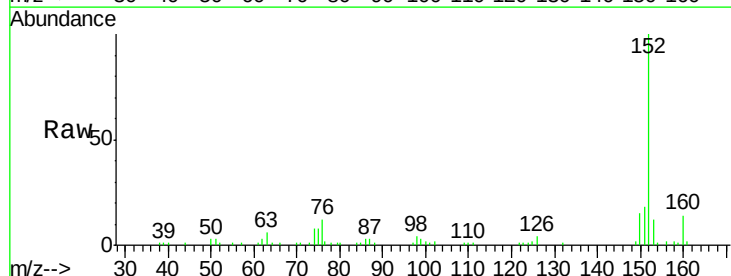
Instrument :
 BNA_G
 ClientSampleId :
 A4HX9

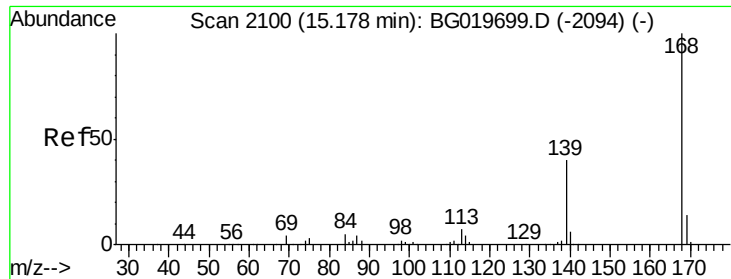
Tot Ion	Ratio	Lower	Upper
165	100		
89	66.0	61.1	91.7
121	23.6	17.8	26.8



#48
 Acenaphthylene
 Concen: 6.92 ng/ul
 RT: 14.51 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: BG019704.D
 Acq: 19 Nov 2015 13:43

Tgt Ion	Ratio	Lower	Upper
152	100		
151	17.9	15.1	22.7
153	11.6	9.8	14.8

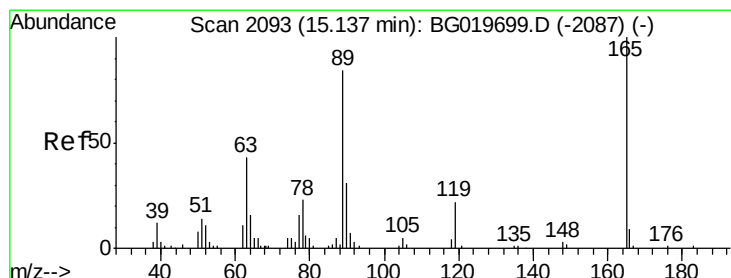
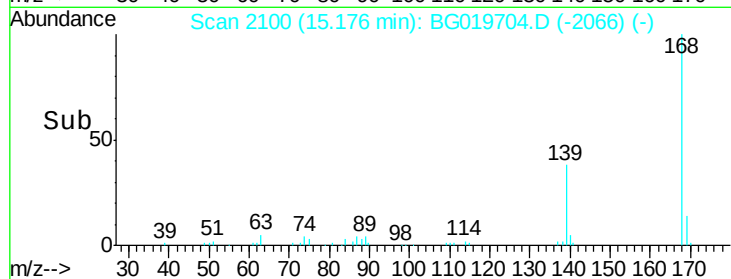
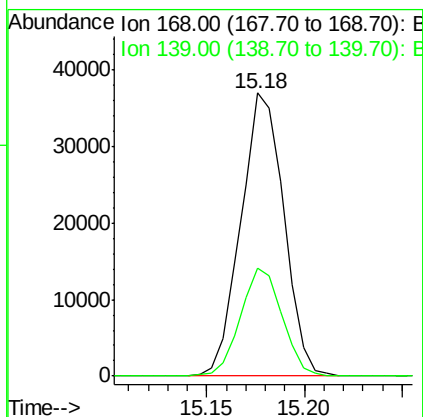
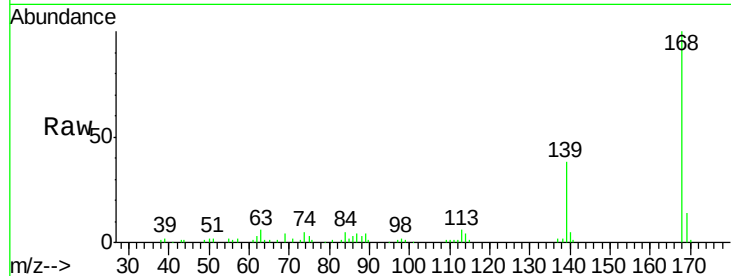




#54
Dibenzenofuran
Concen: 8.52 ng/ul
RT: 15.18 min Scan# 2100
Delta R.T. -0.00 min
Lab File: BG019704.D
Acq: 19 Nov 2015 13:43

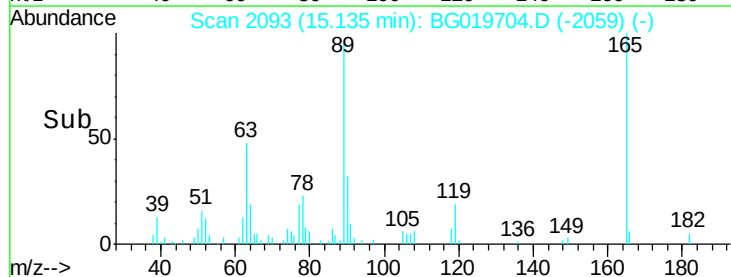
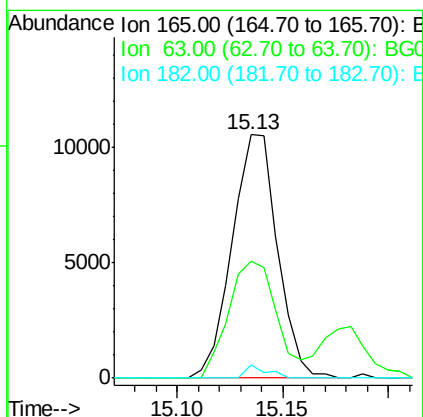
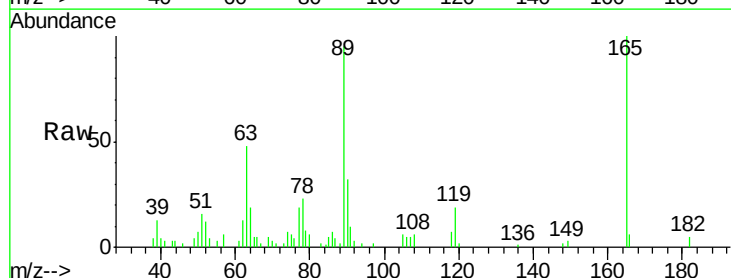
Instrument :
BNA_G
ClientSampleId :
A4HX9

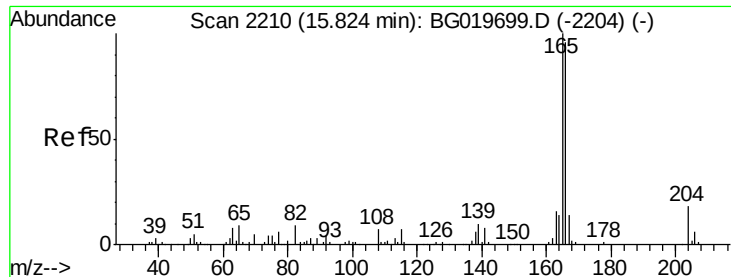
Tot Ion:168 Resp: 56420
Ion Ratio Lower Upper
168 100
139 38.0 34.7 52.1



#55
2,4-Dinitrotoluene
Concen: 8.31 ng/ul
RT: 15.13 min Scan# 2093
Delta R.T. -0.00 min
Lab File: BG019704.D
Acq: 19 Nov 2015 13:43

Tgt Ion:165 Resp: 15645
Ion Ratio Lower Upper
165 100
63 48.1 44.2 66.2
182 5.2 2.6 3.8#

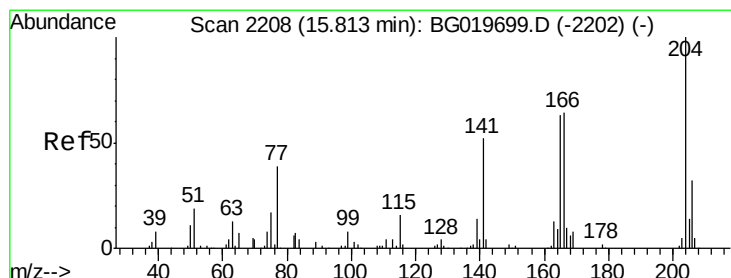
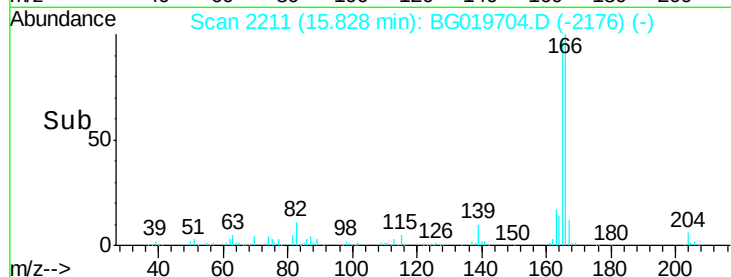
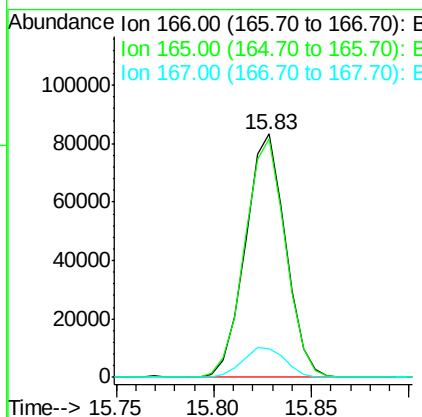
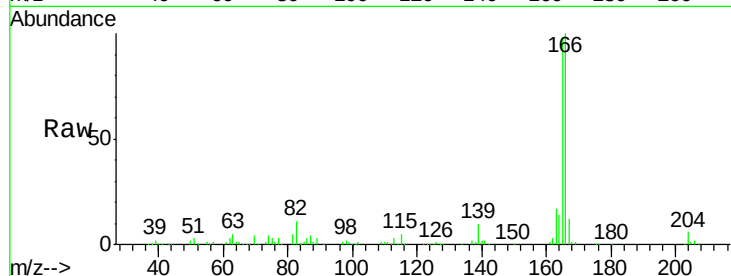




#59
 Fluorene
 Concen: 20.53 ng/ul
 RT: 15.83 min Scan# 2211
 Delta R.T. 0.00 min
 Lab File: BG019704.D
 Acq: 19 Nov 2015 13:43

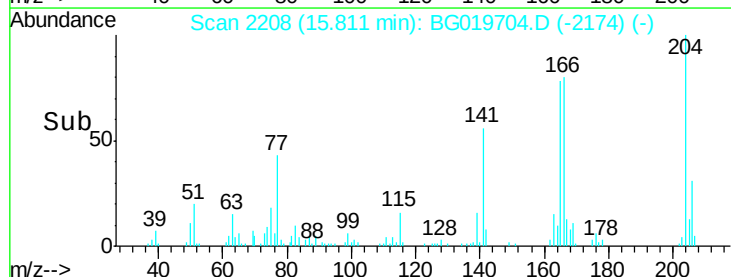
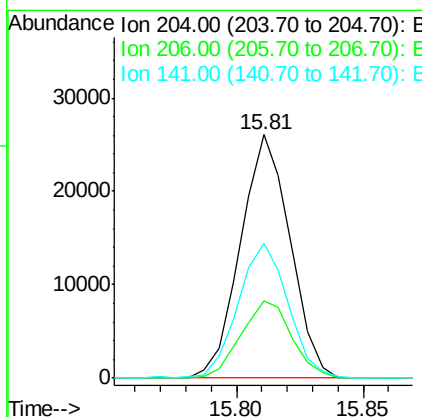
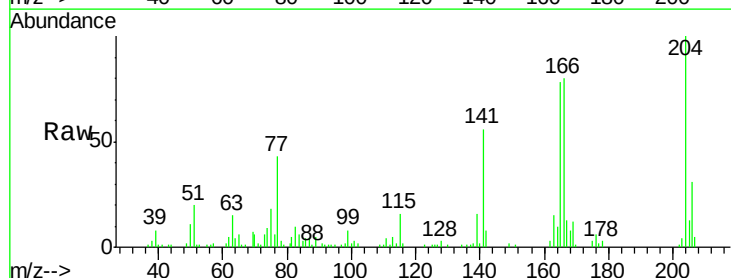
Instrument :
 BNA_G
 ClientSampleId :
 A4HX9

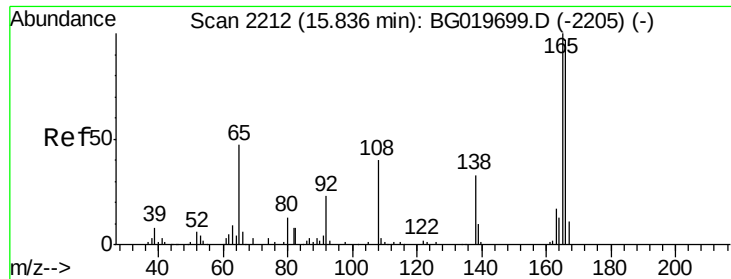
Tot Ion:166 Resp: 118875
 Ion Ratio Lower Upper
 166 100
 165 97.7 81.4 122.2
 167 11.7 11.1 16.7



#60
 4-Chlorophenyl-phenylether
 Concen: 10.57 ng/ul
 RT: 15.81 min Scan# 2208
 Delta R.T. -0.00 min
 Lab File: BG019704.D
 Acq: 19 Nov 2015 13:43

Tgt Ion:204 Resp: 35614
 Ion Ratio Lower Upper
 204 100
 206 31.5 27.2 40.8
 141 55.6 45.4 68.2

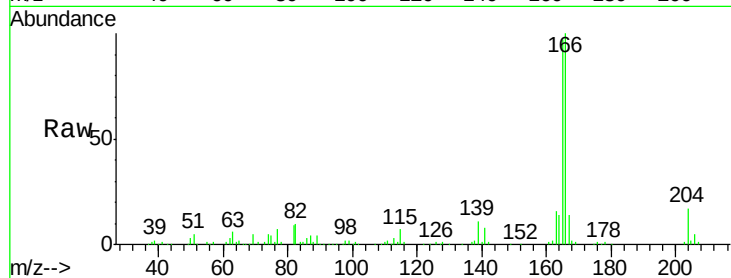




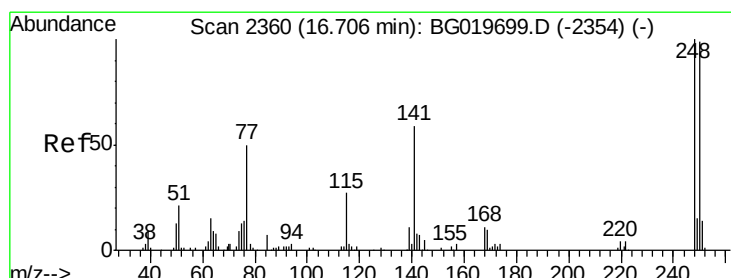
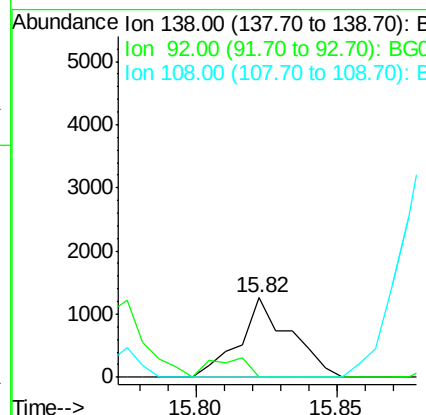
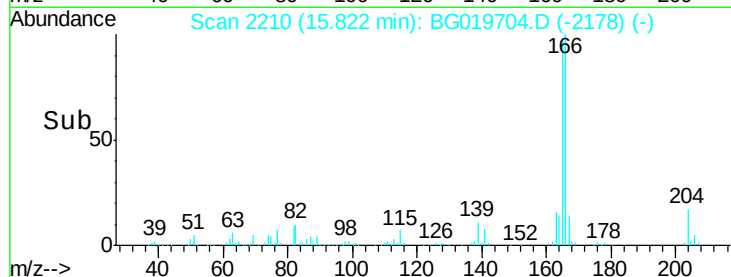
#61
4-Nitroaniline
Concen: 1.30 na/ul
RT: 15.82 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BG019704.D
Acq: 19 Nov 2015 13:43

Instrument :
BNA_G
ClientSampleId :
A4HX9

Tot Ion:138 Resp: 1574
Ion Ratio Lower Upper
138 100
92 0.0 49.6 74.4#
108 0.0 104.9 157.3#

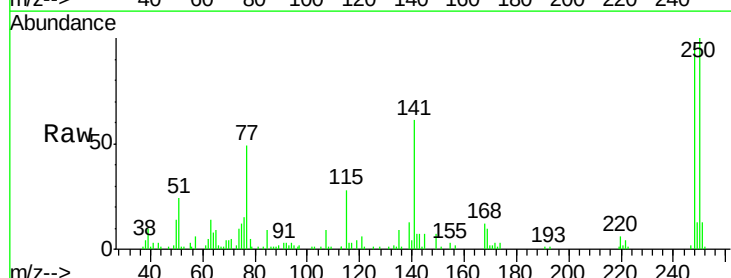


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E

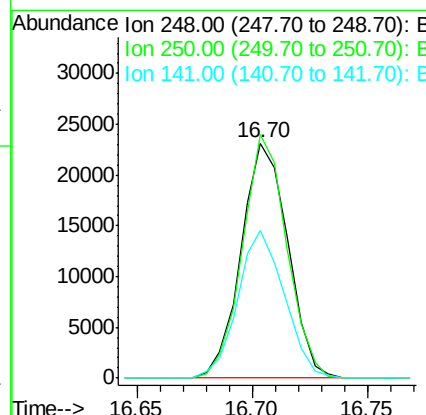
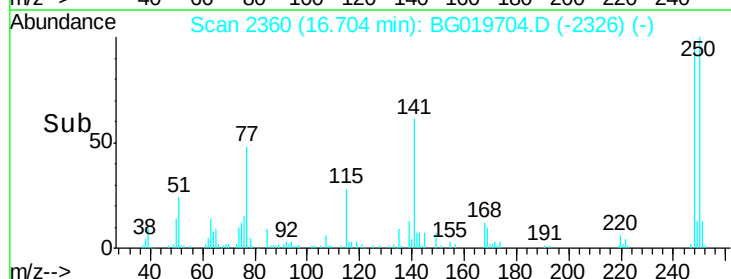


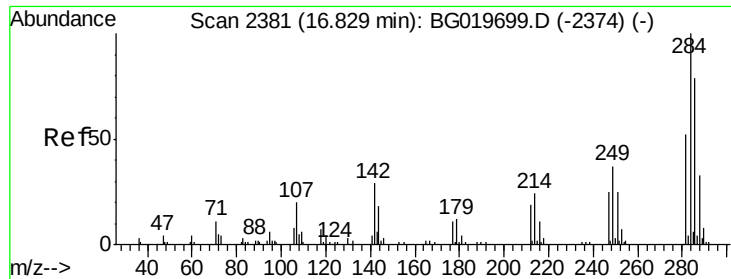
#66
4-Bromophenyl-phenylether
Concen: 12.97 ng/ul
RT: 16.70 min Scan# 2360
Delta R.T. -0.00 min
Lab File: BG019704.D
Acq: 19 Nov 2015 13:43

Tgt Ion:248 Resp: 32632
Ion Ratio Lower Upper
248 100
250 103.5 77.4 116.0
141 62.8 52.6 79.0



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





#67

Hexachlorobenzene

Concen: 10.66 ng/ul

RT: 16.83 min Scan# 2381

Delta R.T. -0.00 min

Lab File: BG019704.D

Acq: 19 Nov 2015 13:43

Instrument :

BNA_G

ClientSampled :

A4HX9

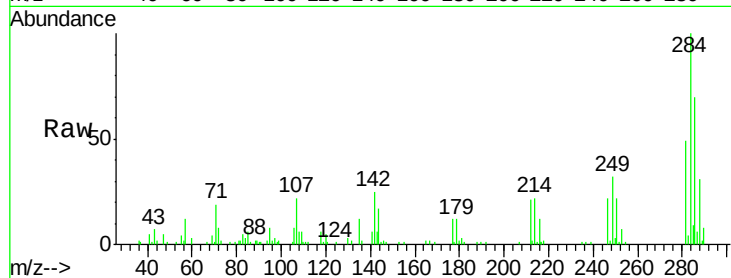
Tot Ion:284 Resp: 28281

Ion Ratio Lower Upper

284 100

142 25.4 23.6 35.4

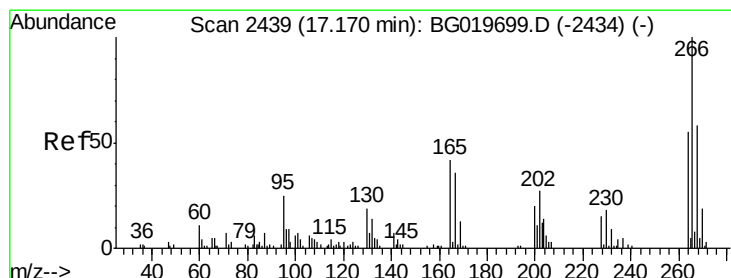
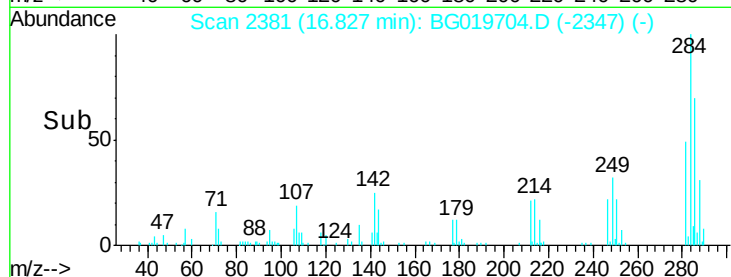
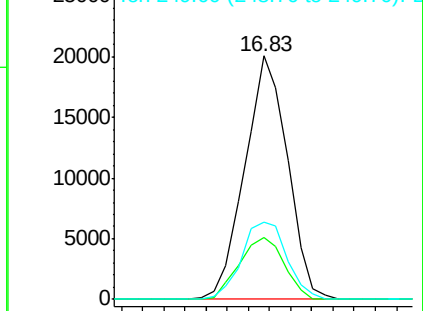
249 31.7 27.8 41.6



Abundance Ion 284.00 (283.70 to 284.70): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#69

Pentachlorophenol

Concen: 22.93 ng/ul

RT: 17.17 min Scan# 2439

Delta R.T. -0.00 min

Lab File: BG019704.D

Acq: 19 Nov 2015 13:43

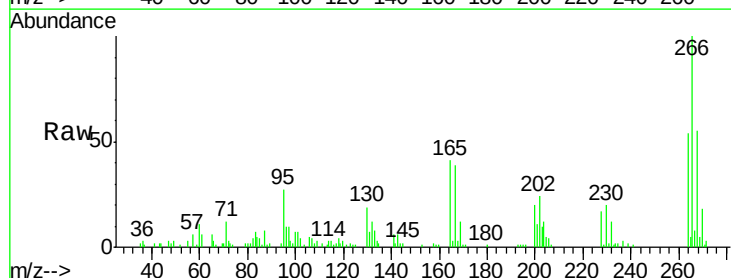
Tgt Ion:266 Resp: 34046

Ion Ratio Lower Upper

266 100

264 54.1 51.8 77.8

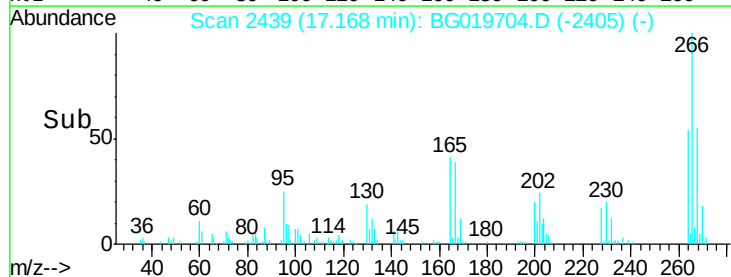
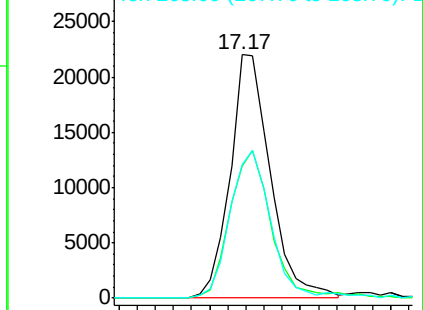
268 59.3 46.8 70.2

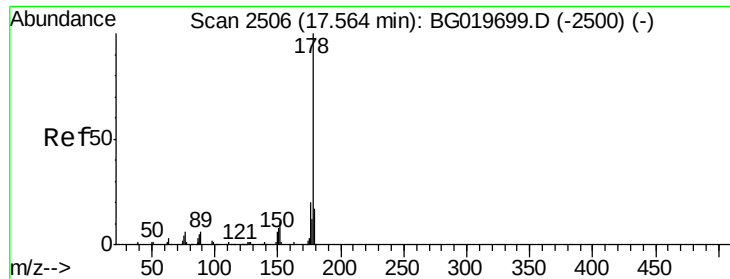


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#70

Phenanthrene

Concen: 9.24 ng/ul

RT: 17.66 min Scan# 2522

Delta R.T. 0.09 min

Lab File: BG019704.D

Acq: 19 Nov 2015 13:43

Instrument :

BNA_G

ClientSampleId :

A4HX9

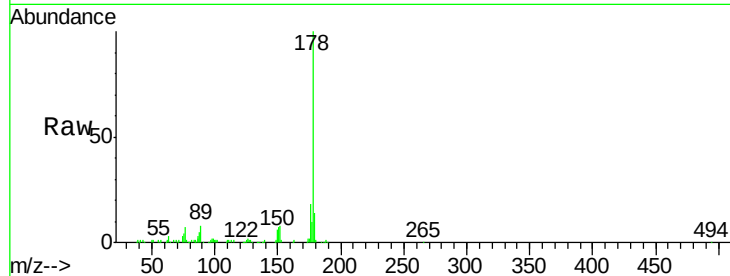
Tot Ion:178 Resp: 103472

Ion Ratio Lower Upper

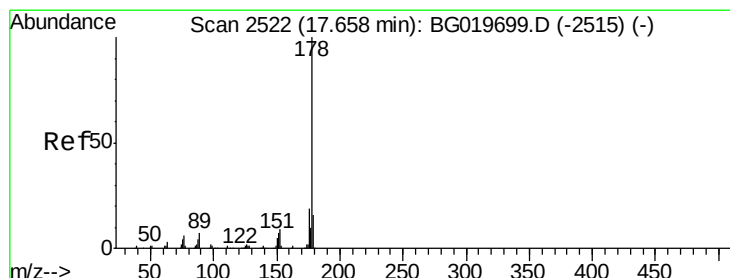
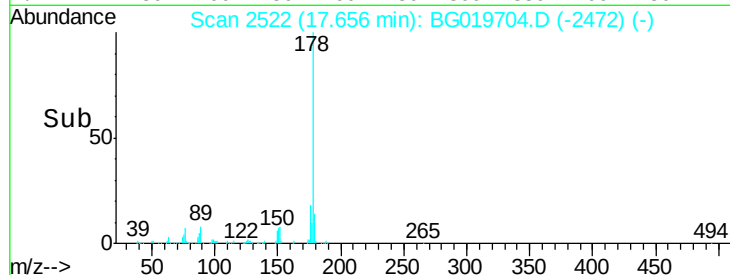
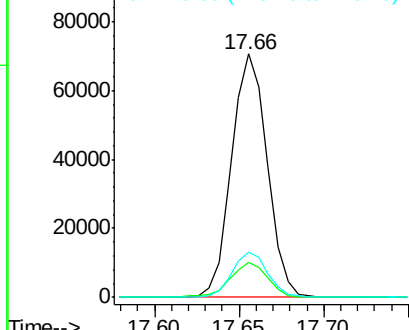
178 100

179 14.3 12.2 18.2

176 18.5 16.6 24.8



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



#72

Anthracene

Concen: 9.16 ng/ul

RT: 17.66 min Scan# 2522

Delta R.T. -0.00 min

Lab File: BG019704.D

Acq: 19 Nov 2015 13:43

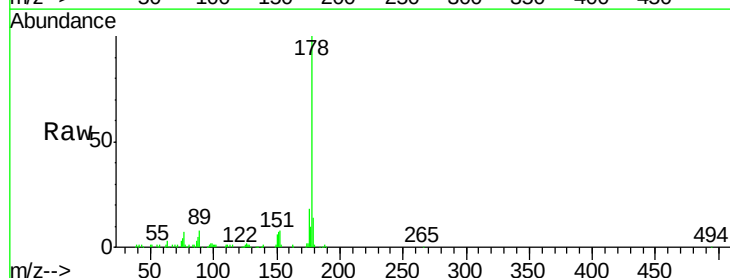
Tgt Ion:178 Resp: 103472

Ion Ratio Lower Upper

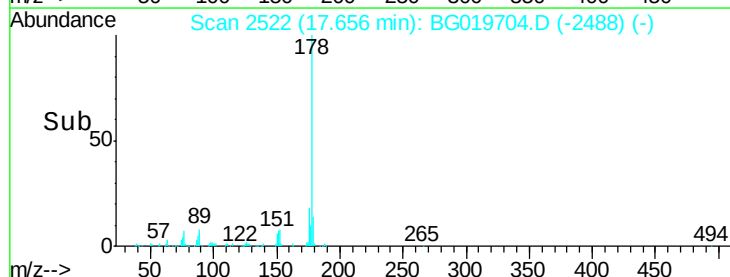
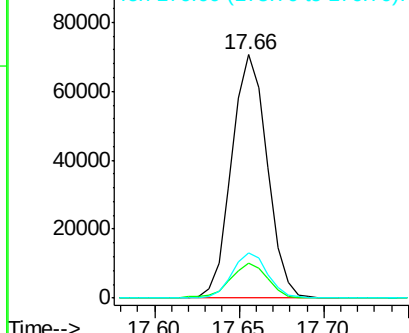
178 100

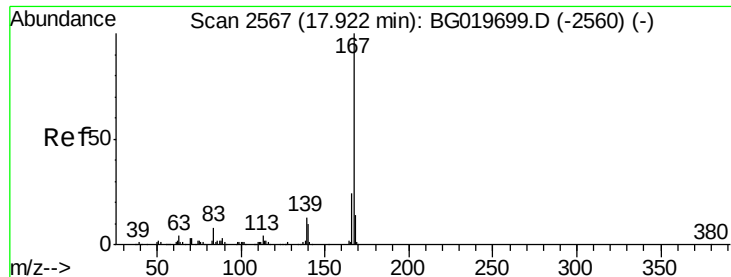
179 14.3 12.6 19.0

176 18.5 15.0 22.4



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

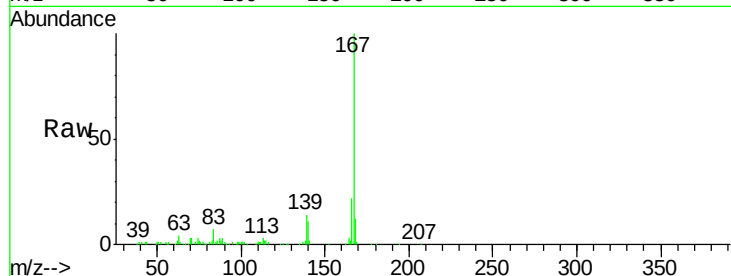




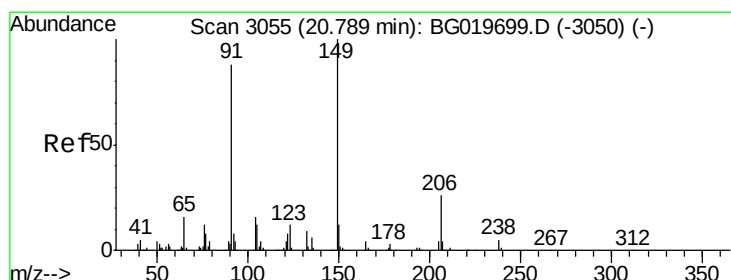
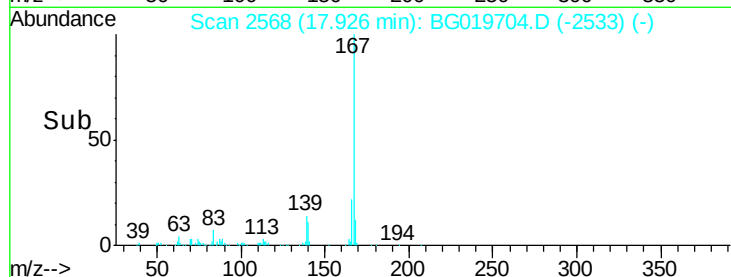
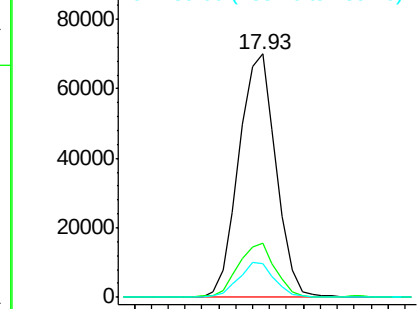
#75
 Carbazole
 Concen: 11.83 ng/ul
 RT: 17.93 min Scan# 2568
 Delta R.T. 0.00 min
 Lab File: BG019704.D
 Acq: 19 Nov 2015 13:43

Instrument :
 BNA_G
 ClientSampleId :
 A4HX9

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.1	27.1
139	13.6	9.8	14.6

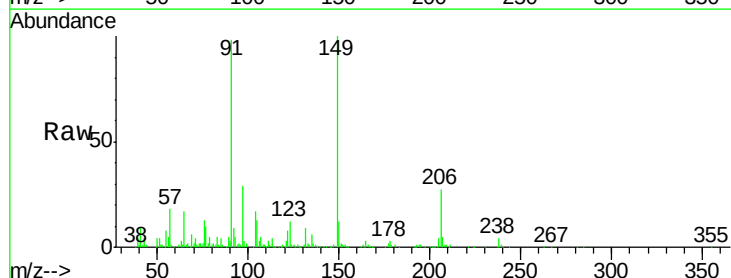


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

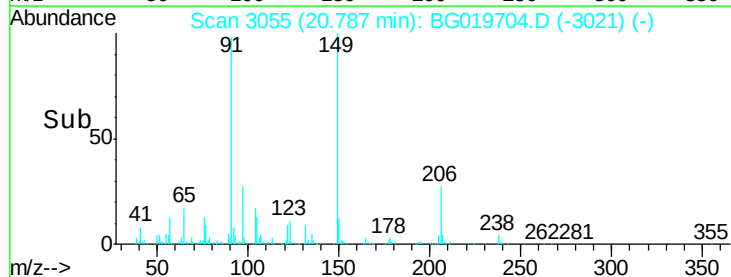
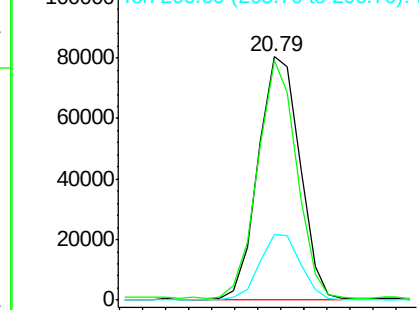


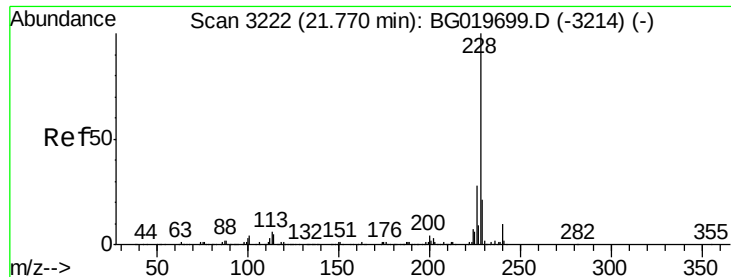
#81
 Butylbenzylphthalate
 Concen: 18.79 ng/ul
 RT: 20.79 min Scan# 3055
 Delta R.T. -0.00 min
 Lab File: BG019704.D
 Acq: 19 Nov 2015 13:43

Tgt Ion	Ratio	Lower	Upper
149	100		
91	98.4	71.1	106.7
206	27.2	20.4	30.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BG
 Ion 206.00 (205.70 to 206.70): E

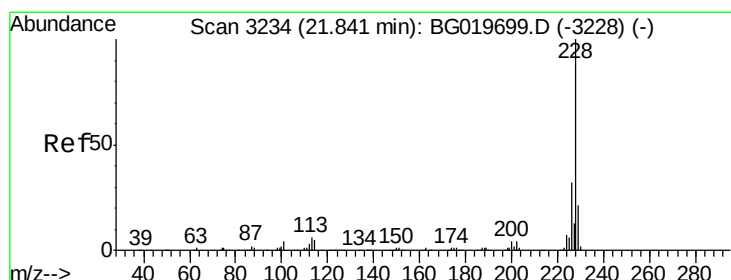
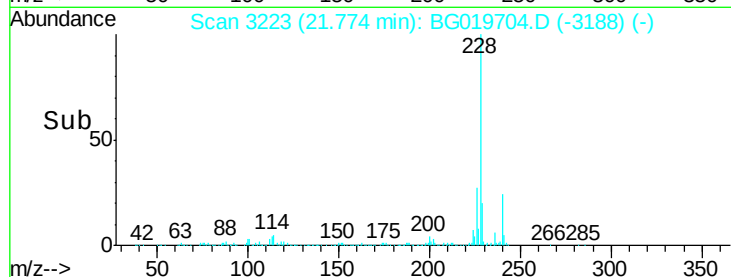
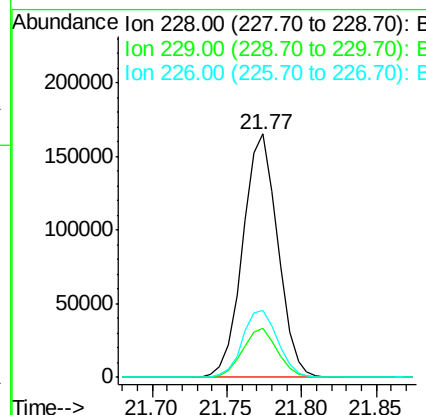
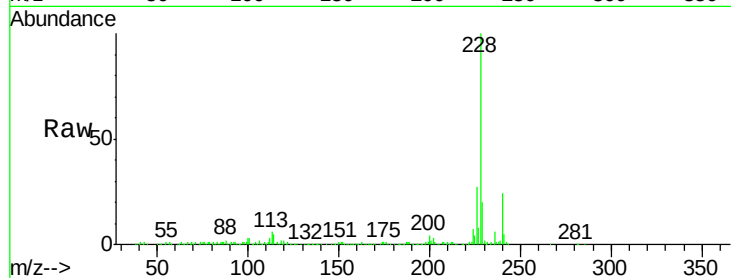




#83
Benzo(a)anthracene
Concen: 15.68 ng/ul
RT: 21.77 min Scan# 3223
Delta R.T. 0.00 min
Lab File: BG019704.D
Acq: 19 Nov 2015 13:43

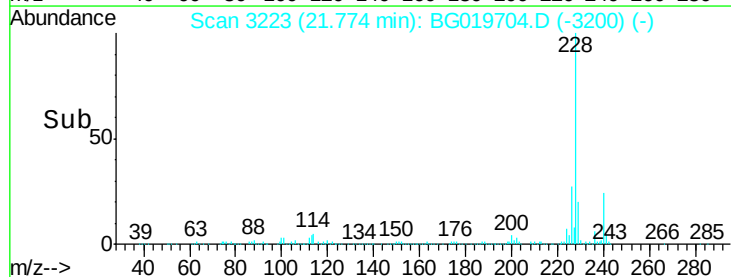
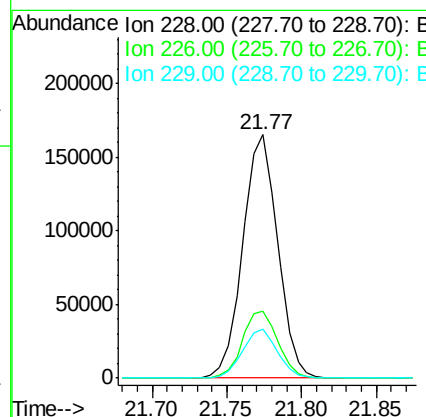
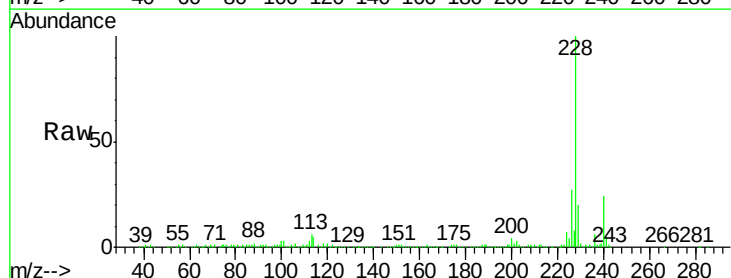
Instrument :
BNA_G
ClientSampleId :
A4HX9

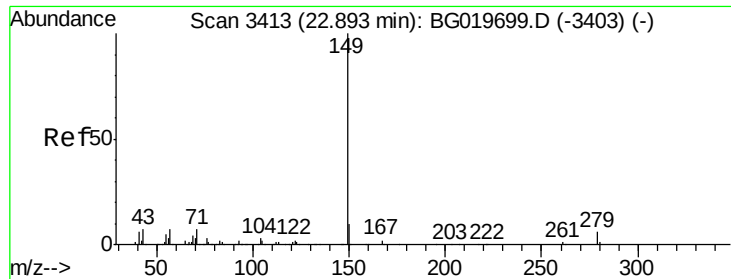
Tot Ion:228 Resp: 267629
Ion Ratio Lower Upper
228 100
229 20.0 15.7 23.5
226 27.3 22.6 33.8



#85
Chrysene
Concen: 16.66 ng/ul
RT: 21.77 min Scan# 3223
Delta R.T. -0.07 min
Lab File: BG019704.D
Acq: 19 Nov 2015 13:43

Tgt Ion:228 Resp: 267629
Ion Ratio Lower Upper
228 100
226 27.3 24.9 37.3
229 20.0 17.0 25.6

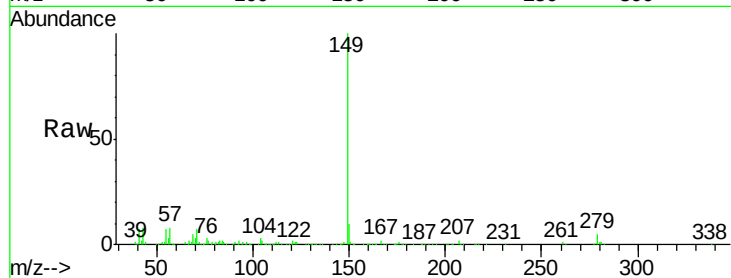




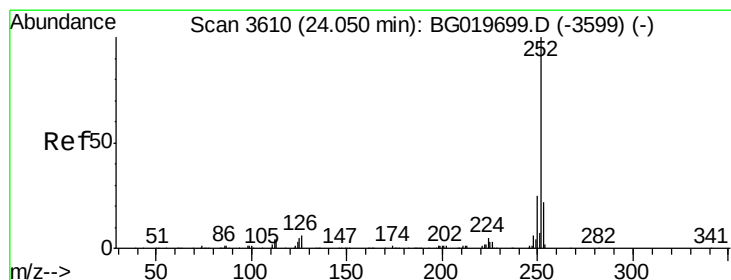
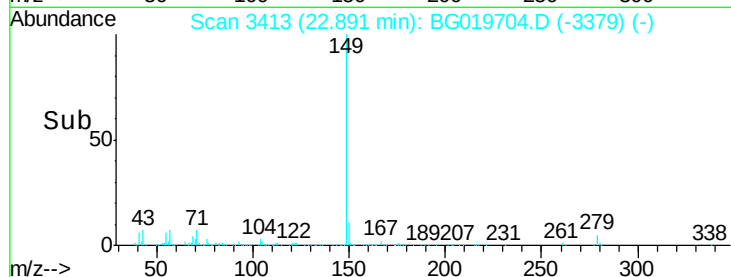
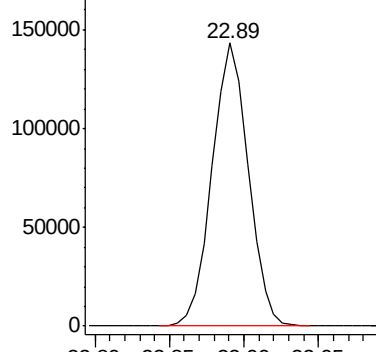
#87
Di-n-octyl phthalate
Concen: 18.07 ng/ul
RT: 22.89 min Scan# 3413
Delta R.T. -0.00 min
Lab File: BG019704.D
Acq: 19 Nov 2015 13:43

Instrument :
BNA_G
ClientSampleId :
A4HX9

Tgt Ion:149 Resp: 239634

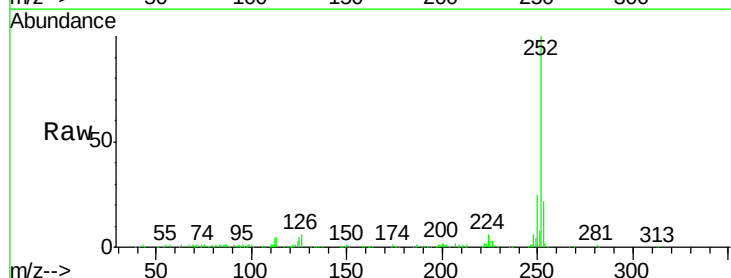


Abundance Ion 149.00 (148.70 to 149.70): E

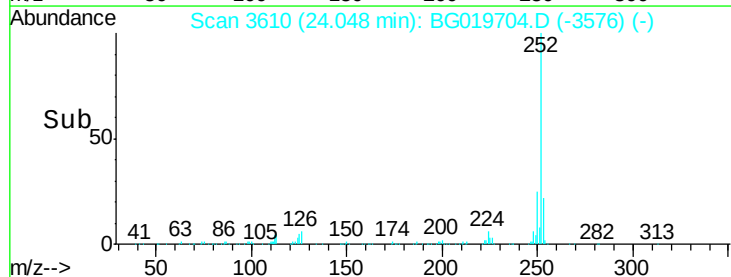
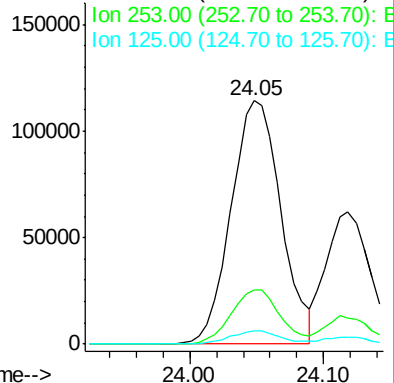


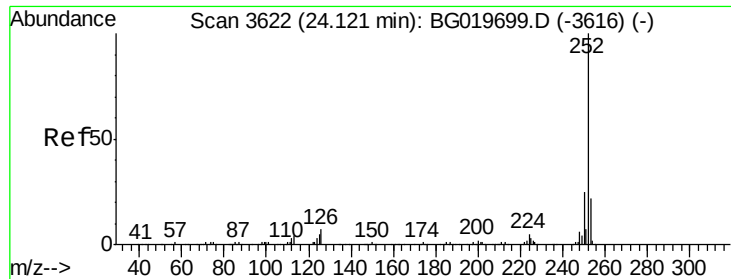
#88
Benzo(b)fluoranthene
Concen: 17.62 ng/ul
RT: 24.05 min Scan# 3610
Delta R.T. -0.00 min
Lab File: BG019704.D
Acq: 19 Nov 2015 13:43

Tgt Ion:252 Resp: 296401
Ion Ratio Lower Upper
252 100
253 22.3 17.1 25.7
125 5.2 4.2 6.4



Abundance Ion 252.00 (251.70 to 252.70): E





#89

Benzo(k)fluoranthene

Concen: 8.64 ng/ul

RT: 24.12 min Scan# 3622

Delta R.T. -0.00 min

Lab File: BG019704.D

Acq: 19 Nov 2015 13:43

Instrument :

BNA_G

ClientSampleId :

A4HX9

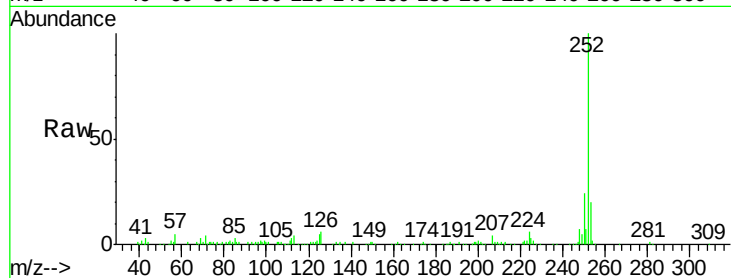
Tot Ion:252 Resp: 140259

Ion Ratio Lower Upper

252 100

253 20.0 17.1 25.7

125 5.2 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

