

Data Path : Z:\HPCHEM1\BNA_G\Data\BG012517\
 Data File : BG025634.D
 Acq On : 25 Jan 2017 14:50
 Operator : SJ/MA
 Sample : I1320-07
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 X2813

Quant Time: Jan 25 18:12:17 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 25 18:08:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	54819	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	252685	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.80	164	223518	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.56	188	502815	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	614773	20.00	ng/ul	0.00
83) Perylene-d12	25.24	264	619043	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.50	96	6244	5.70	ng/uL	0.00
5) Phenol-d5	7.34	99	161868	34.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	104137	34.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	113272	34.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.90	113	135963	34.04	ng/ul	0.00
19) Nitrobenzene-d5	9.36	128	62245	34.75	ng/ul	0.00
22) 2-Nitrophenol-d4	10.09	143	71563	33.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.63	165	153070	36.31	ng/ul	0.00
29) 4-Chloroaniline-d4	11.15	131	165790	35.18	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	589048	37.32	ng/ul	0.00
46) Acenaphthylene-d8	14.51	160	629952	36.95	ng/ul	0.00
51) 4-Nitrophenol-d4	15.04	143	84638	39.13	ng/ul	0.00
57) Fluorene-d10	15.80	176	533997	35.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.94	200	109861	35.42	ng/ul	0.00
70) Anthracene-d10	17.65	188	831726	38.85	ng/ul	0.00
76) Pyrene-d10	19.93	212	1043897	40.81	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.00	264	1057400	40.64	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	30395	23.49	ng/uL#	85
4) Benzaldehyde	7.32	77	168234	52.00	ng/ul	97
6) Phenol	7.36	94	230282	46.65	ng/ul	96
10) 2-Chlorophenol	7.74	128	100393	30.59	ng/ul#	84
15) N-Nitroso-di-n-propylamine	8.97	70	134034	35.90	ng/ul	94
20) Nitrobenzene	9.40	77	153387	26.75	ng/ul	95
23) 2-Nitrophenol	10.11	139	67203	30.79	ng/ul#	82
27) 2,4-Dichlorophenol	10.66	162	133735	32.66	ng/ul	98
28) Naphthalene	11.05	128	262685	22.52	ng/ul	96
31) Hexachlorobutadiene	11.31	225	111127	31.07	ng/ul	90
33) 4-Chloro-3-methylphenol	12.29	107	287795	57.87	ng/ul	96
34) 2-Methylnaphthalene	12.86	142	280900	29.49	ng/ul	91
36) 1,2,4,5-Tetrachlorobenzene	13.01	216	177533	26.38	ng/ul	94
38) 2,4,6-Trichlorophenol	13.25	196	202517	49.70	ng/ul	93
39) 2,4,5-Trichlorophenol	13.25	196	202517	47.39	ng/ul	98
40) 1,1'-Biphenyl	13.64	154	459204	33.16	ng/ul	99
41) 2-Chloronaphthalene	13.70	162	228099	21.22	ng/ul	97
44) Dimethylphthalate	14.25	163	407536	26.26	ng/ul	99
45) 2,6-Dinitrotoluene	14.40	165	98630	30.87	ng/ul	94
49) Acenaphthene	14.87	153	336517	28.46	ng/ul	99
52) 4-Nitrophenol	15.06	109	101929	34.02	ng/ul	93
53) Dibenzofuran	15.21	168	425267	23.40	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	15.44	232	136188	30.12	ng/ul#	90

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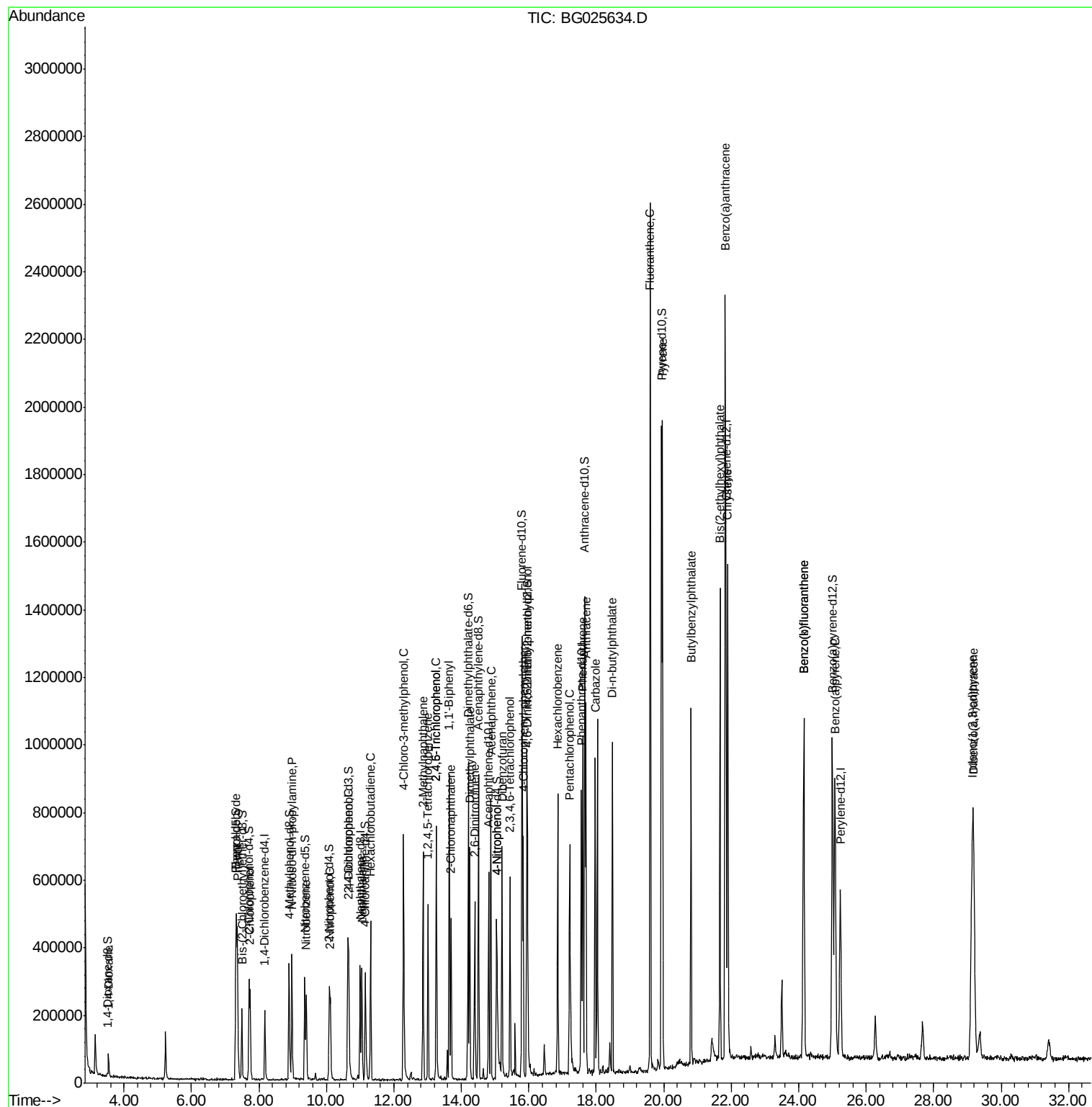
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
59) 4-Chlorophenyl-phenylether	15.83	204	170045	20.31	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.95	198	180706	56.52	ng/ul#	95
66) Hexachlorobenzene	16.85	284	171787	25.90	ng/ul	99
68) Pentachlorophenol	17.21	266	151977	55.09	ng/ul	96
69) Phenanthrene	17.60	178	604411	24.73	ng/ul	97
71) Anthracene	17.69	178	715307	29.11	ng/ul	97
72) Carbazole	17.96	167	605101	29.69	ng/ul	97
73) Di-n-butylphthalate	18.48	149	653029	24.79	ng/ul	98
74) Fluoranthene	19.60	202	1617714	56.08	ng/ul#	97
77) Pyrene	19.96	202	1153912	38.17	ng/ul	99
78) Butylbenzylphthalate	20.81	149	284625	24.21	ng/ul	98
80) Benzo(a)anthracene	21.82	228	1480153	45.56	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.67	149	502969	30.65	ng/ul	97
82) Chrysene	21.89	228	1031844	33.77	ng/ul	97
85) Benzo(b)fluoranthene	24.15	252	1091961	34.08	ng/ul#	99
86) Benzo(k)fluoranthene	24.15	252	1091961	36.33	ng/ul#	98
88) Benzo(a)pyrene	25.07	252	999821	32.99	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	29.15	276	1371060	35.72	ng/ul	96
90) Dibenzo(a,h)anthracene	29.19	278	893299	27.94	ng/ul	92

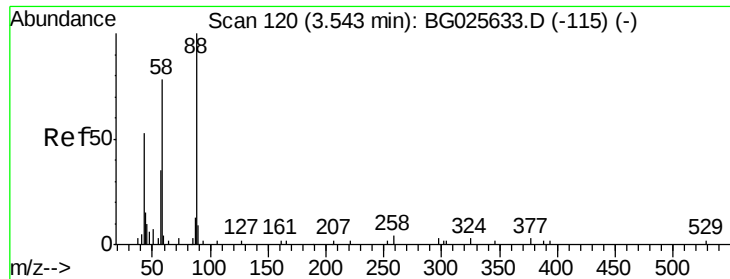
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 23.49 ng/uL

RT: 3.54 min Scan# 119

Delta R.T. -0.00 min

Lab File: BG025634.D

Acq: 25 Jan 2017 14:50

Instrument :

BNA_G

ClientSampleId :

X2813

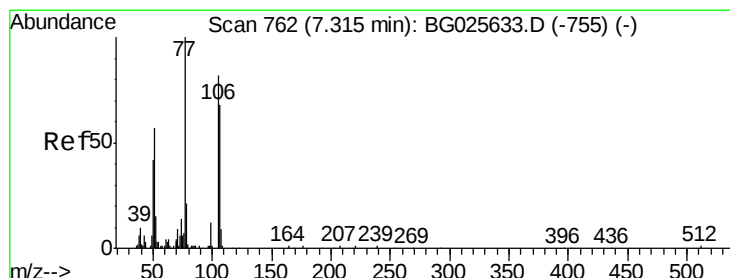
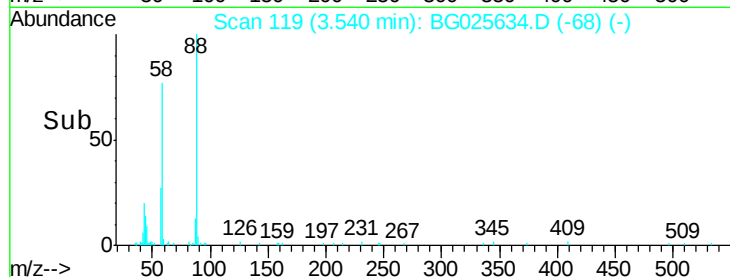
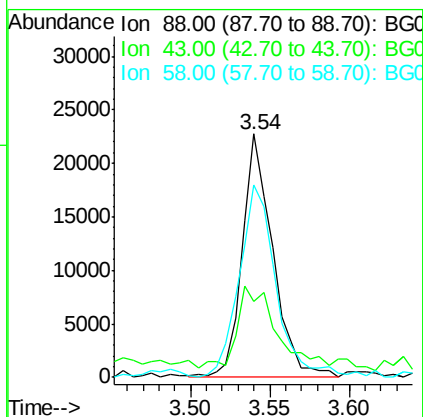
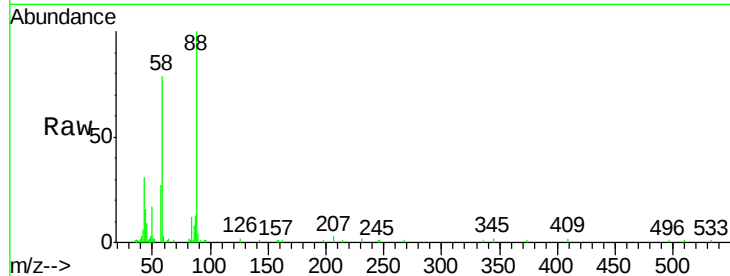
Tgt Ion: 88 Resp: 30395

Ion Ratio Lower Upper

88 100

43 31.0 39.2 58.8#

58 79.2 69.4 104.0



#4

Benzaldehyde

Concen: 52.00 ng/uL

RT: 7.32 min Scan# 762

Delta R.T. 0.00 min

Lab File: BG025634.D

Acq: 25 Jan 2017 14:50

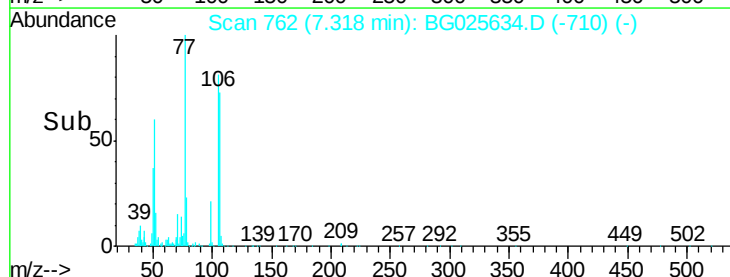
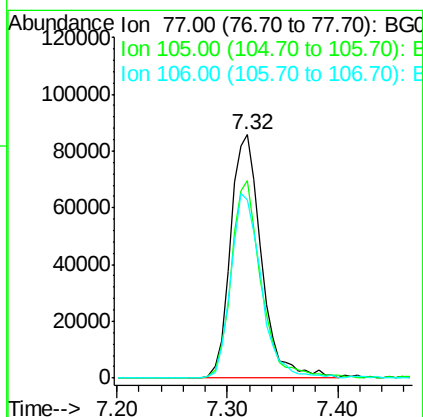
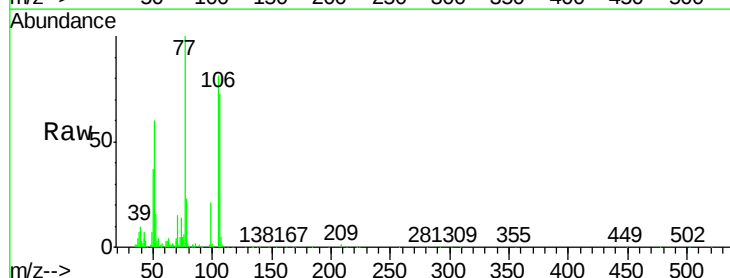
Tgt Ion: 77 Resp: 168234

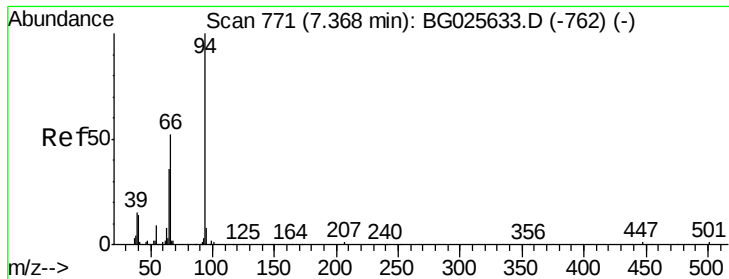
Ion Ratio Lower Upper

77 100

105 81.2 62.0 93.0

106 73.5 60.2 90.4





#6

Phenol

Concen: 46.65 ng/ul

RT: 7.36 min Scan# 770

Delta R.T. -0.00 min

Lab File: BG025634.D

Acq: 25 Jan 2017 14:50

Instrument :

BNA_G

ClientSampled :

X2813

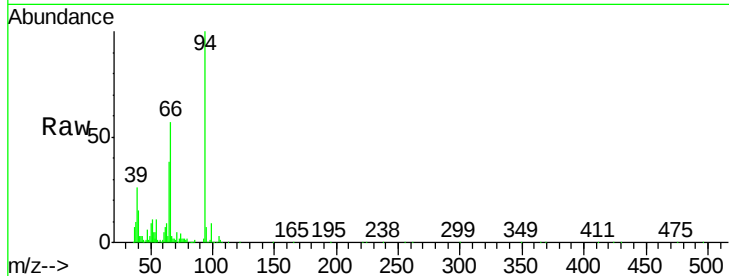
Tgt Ion: 94 Resp: 230282

Ion Ratio Lower Upper

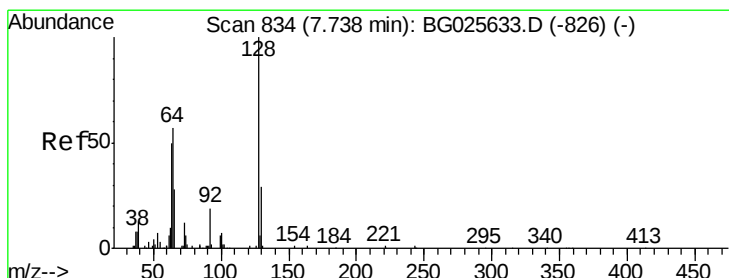
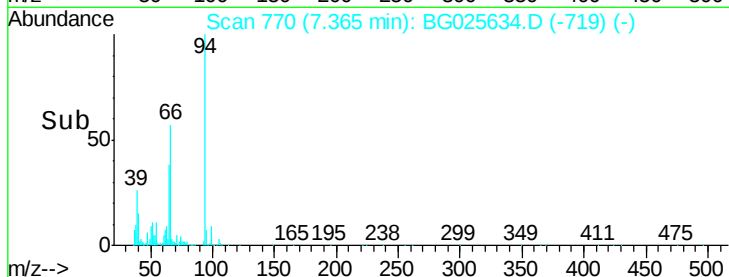
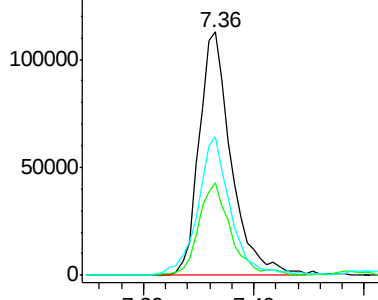
94 100

65 37.9 26.8 40.2

66 56.8 44.4 66.6



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



#10

2-Chlorophenol

Concen: 30.59 ng/ul

RT: 7.74 min Scan# 834

Delta R.T. 0.00 min

Lab File: BG025634.D

Acq: 25 Jan 2017 14:50

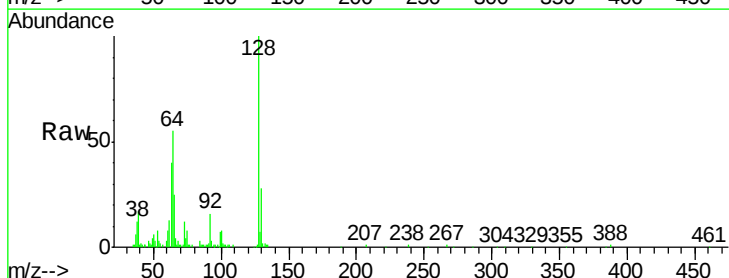
Tgt Ion: 128 Resp: 100393

Ion Ratio Lower Upper

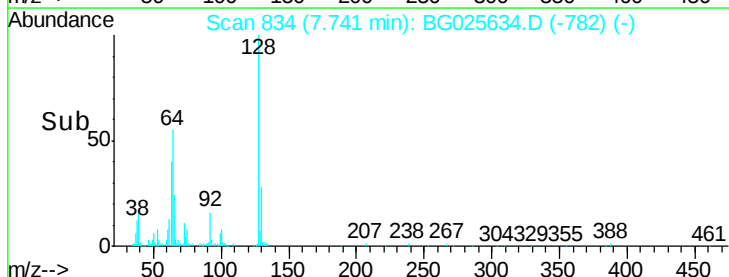
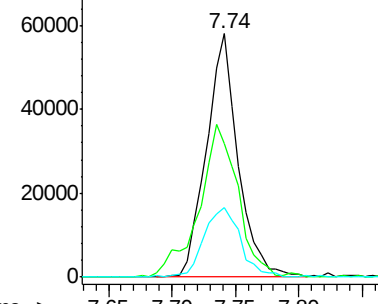
128 100

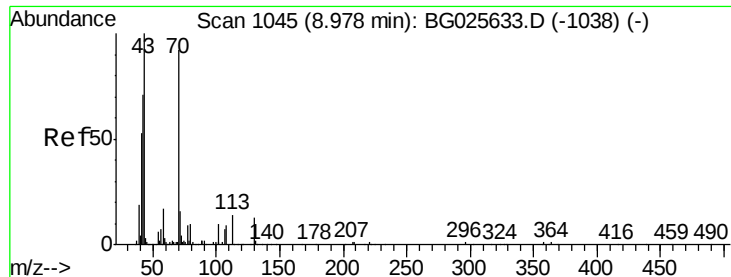
64 54.8 56.3 84.5#

130 28.4 26.7 40.1



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

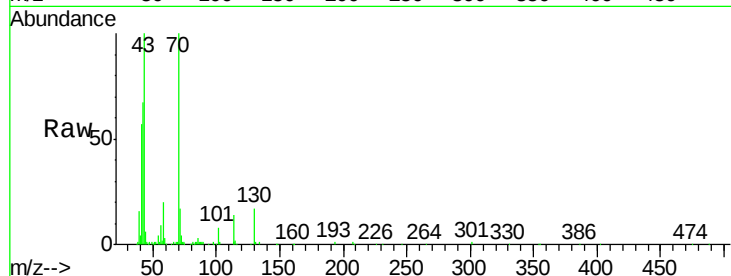




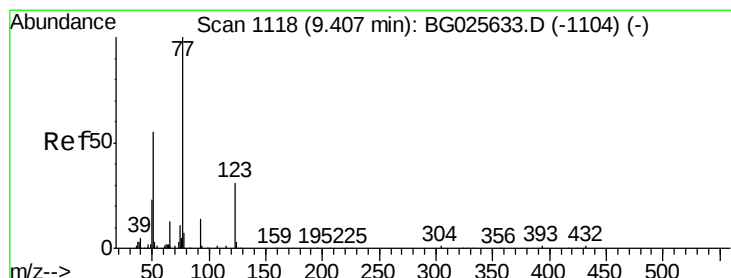
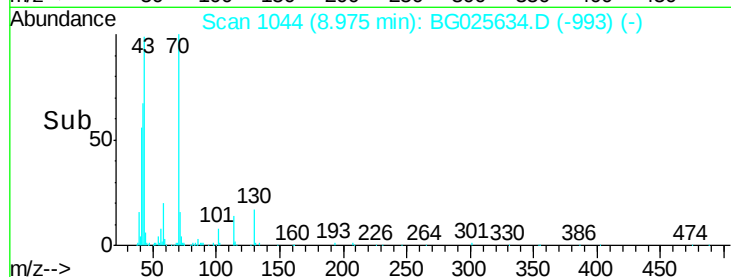
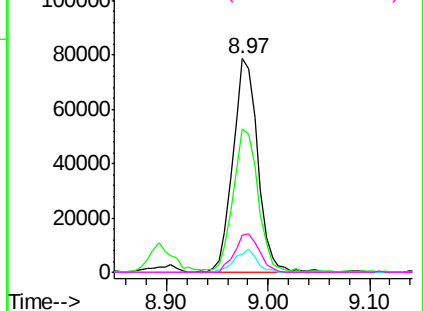
#15
N-Nitroso-di-n-propylamine
Concen: 35.90 ng/ul
RT: 8.97 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BG025634.D
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Tgt Ion:	70	Resp:	134034
Ion	Ratio	Lower	Upper
70	100		
42	67.4	59.0	88.6
101	8.3	6.6	9.8
130	17.5	15.6	23.4

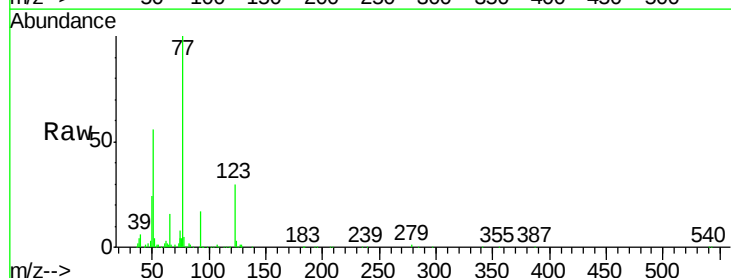


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

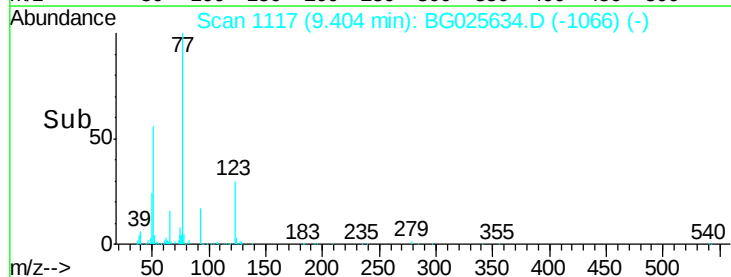
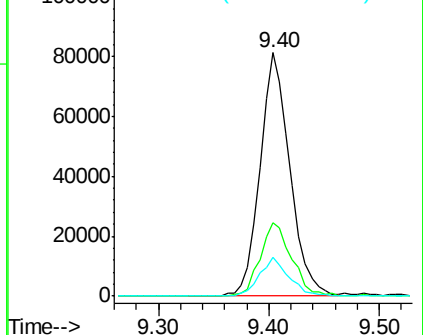


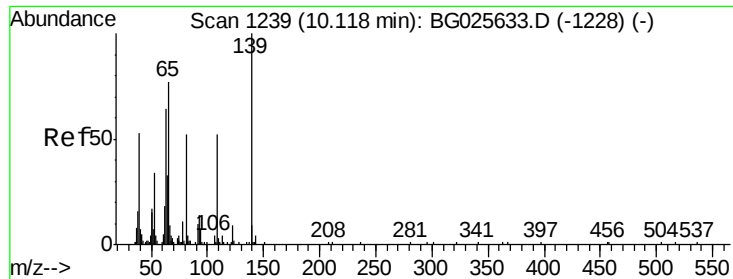
#20
Nitrobenzene
Concen: 26.75 ng/ul
RT: 9.40 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BG025634.D
Acq: 25 Jan 2017 14:50

Tgt Ion:	77	Resp:	153387
Ion	Ratio	Lower	Upper
77	100		
123	30.2	27.4	41.0
65	16.1	13.3	19.9



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





#23

2-Nitrophenol

Concen: 30.79 ng/ul

RT: 10.11 min Scan# 1238

Delta R.T. -0.00 min

Lab File: BG025634.D

Acq: 25 Jan 2017 14:50

Instrument :

BNA_G

ClientSampleId :

X2813

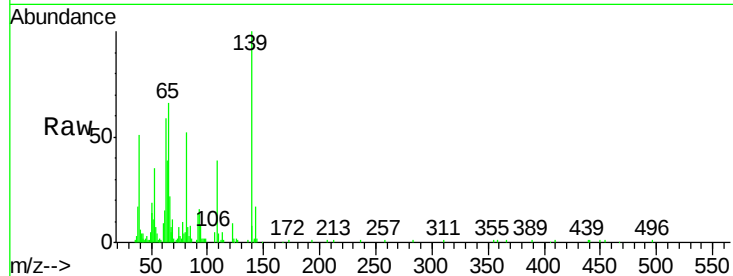
Tgt Ion:139 Resp: 67203

Ion Ratio Lower Upper

139 100

65 65.9 67.0 100.6#

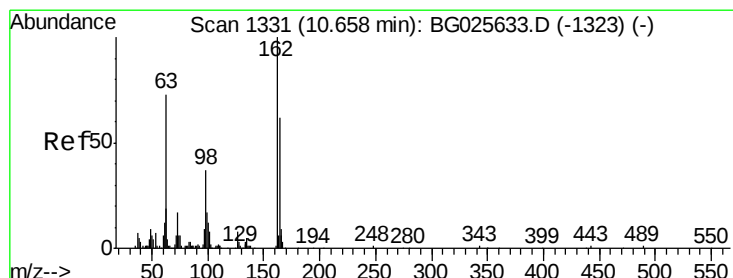
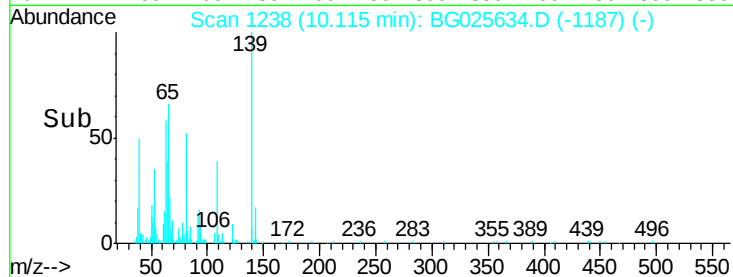
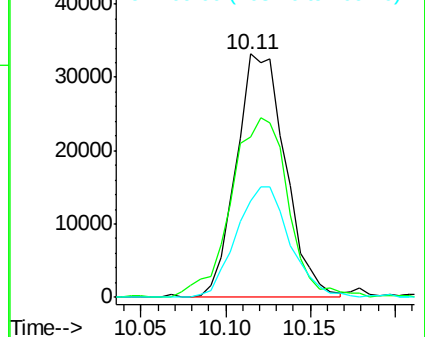
109 39.4 39.6 59.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BGC

Ion 109.00 (108.70 to 109.70): E



#27

2,4-Dichlorophenol

Concen: 32.66 ng/ul

RT: 10.66 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BG025634.D

Acq: 25 Jan 2017 14:50

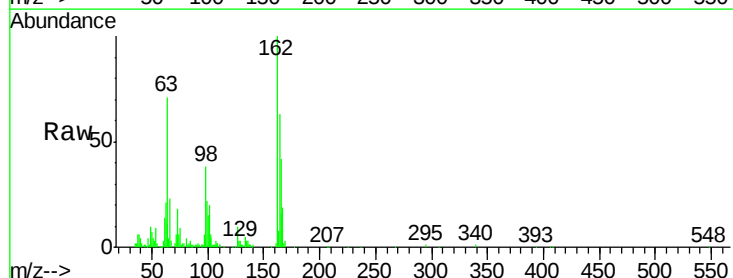
Tgt Ion:162 Resp: 133735

Ion Ratio Lower Upper

162 100

164 63.0 50.8 76.2

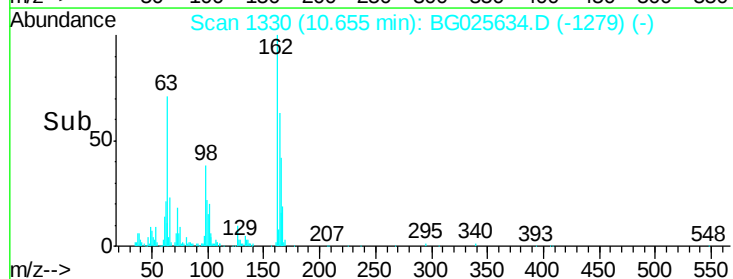
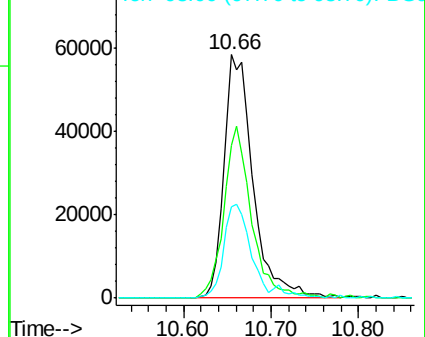
98 37.6 32.1 48.1

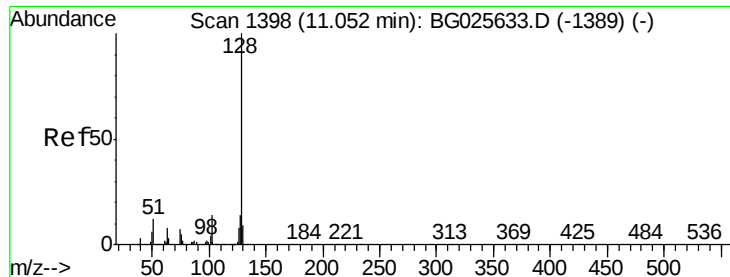


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC





#28

Naphthalene

Concen: 22.52 ng/ul

RT: 11.05 min Scan# 1398

Delta R.T. 0.00 min

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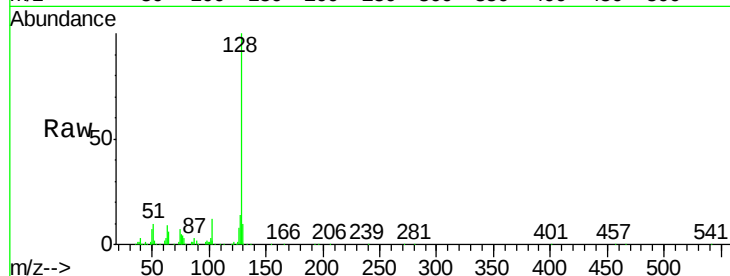
Tgt Ion:128 Resp: 262685

Ion Ratio Lower Upper

128 100

129 9.9 9.4 14.2

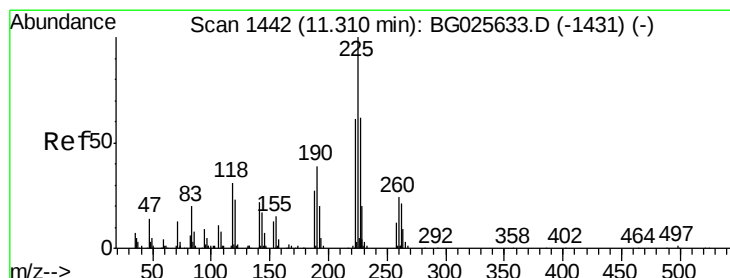
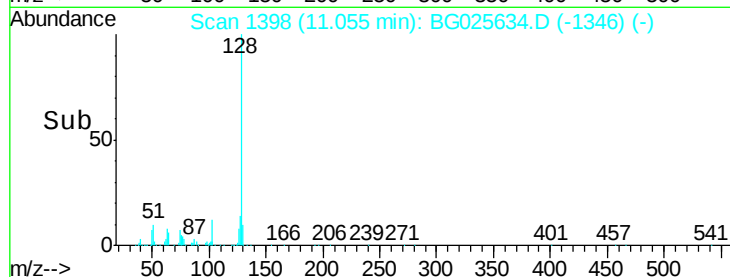
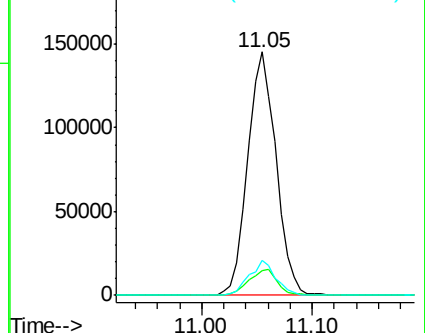
127 14.3 10.3 15.5



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



#31

Hexachlorobutadiene

Concen: 31.07 ng/ul

RT: 11.31 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BG025634.D

Acq: 25 Jan 2017 14:50

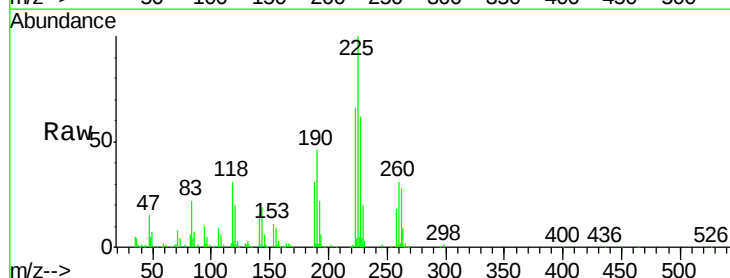
Tgt Ion:225 Resp: 111127

Ion Ratio Lower Upper

225 100

223 66.0 45.9 68.9

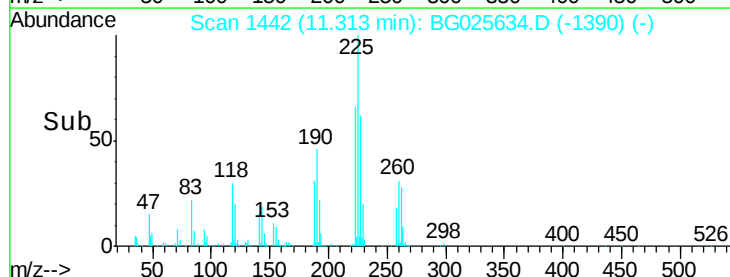
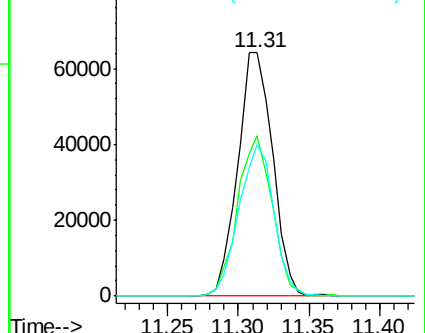
227 62.3 44.7 67.1

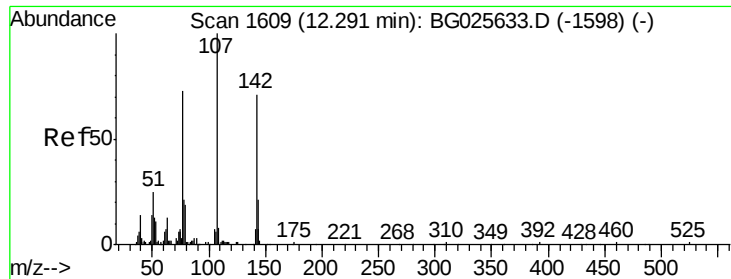


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

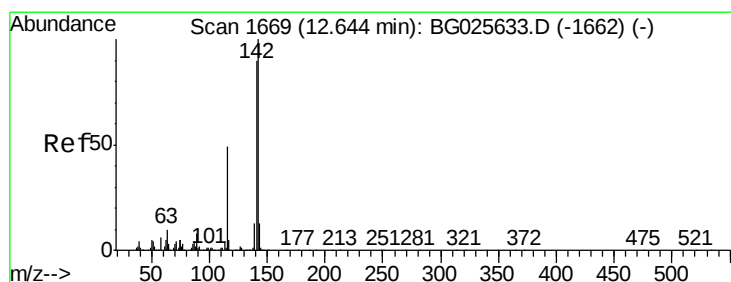
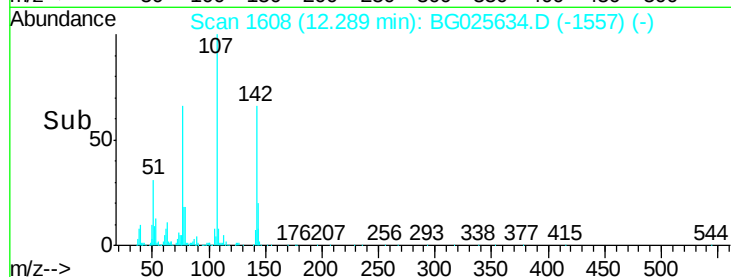
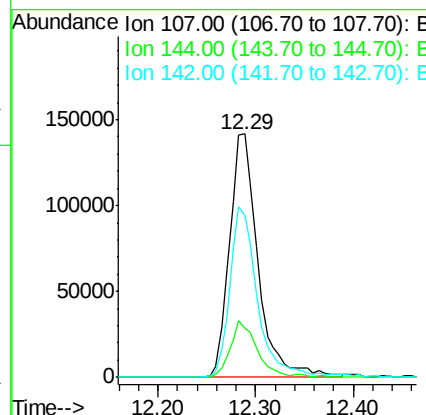
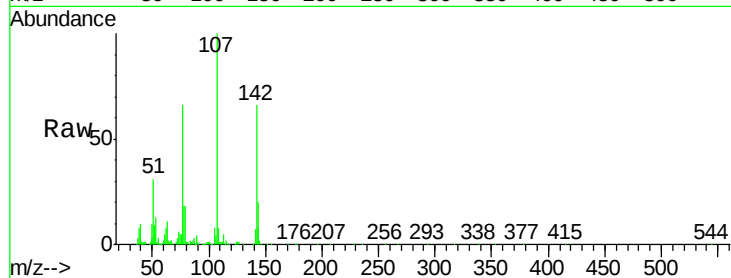




#33
 4-Chloro-3-methylphenol
 Concen: 57.87 ng/ul
 RT: 12.29 min Scan# 1608
 Delta R.T. -0.00 min
 Lab File: BG025634.D
 Acq: 25 Jan 2017 14:50

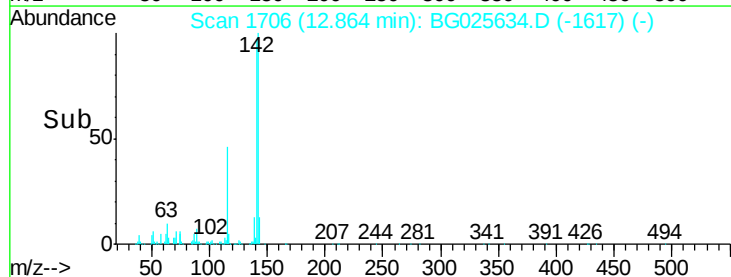
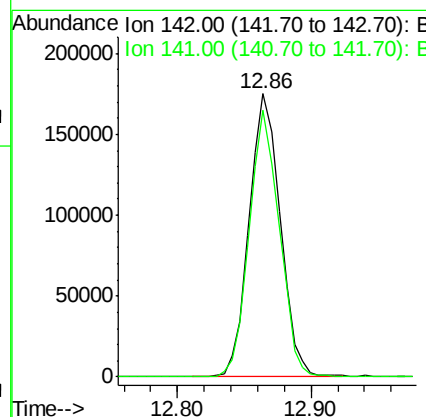
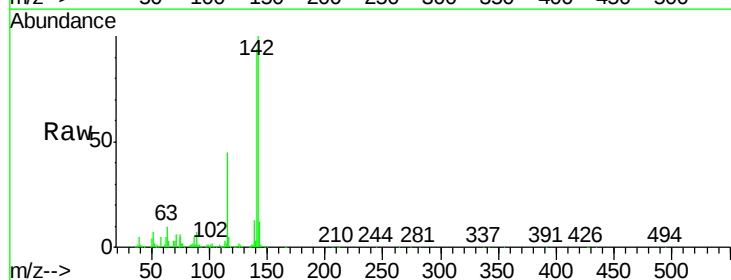
Instrument :
 BNA_G
 ClientSampleId :
 X2813

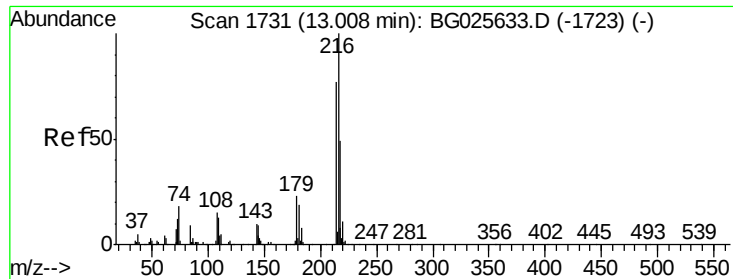
Tgt Ion:107 Resp: 287795
 Ion Ratio Lower Upper
 107 100
 144 20.1 18.2 27.4
 142 66.2 55.0 82.4



#34
 2-Methylnaphthalene
 Concen: 29.49 ng/ul
 RT: 12.86 min Scan# 1706
 Delta R.T. 0.22 min
 Lab File: BG025634.D
 Acq: 25 Jan 2017 14:50

Tgt Ion:142 Resp: 280900
 Ion Ratio Lower Upper
 142 100
 141 94.4 68.6 102.8

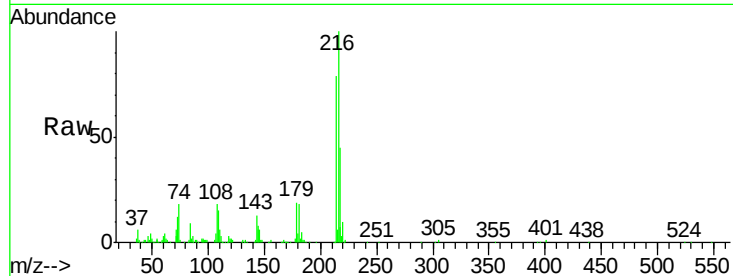




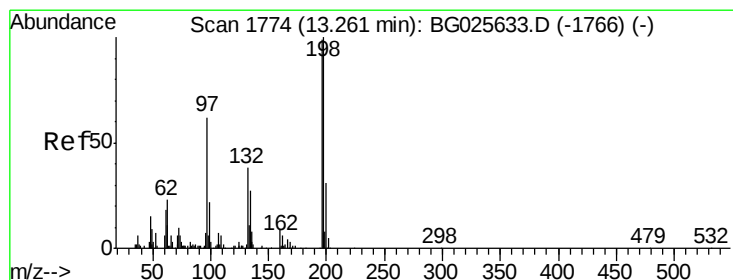
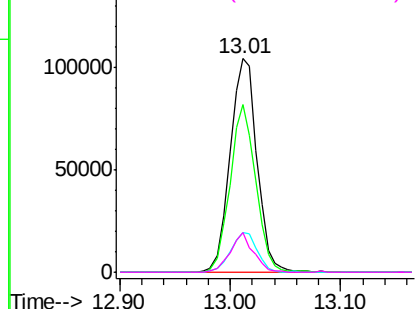
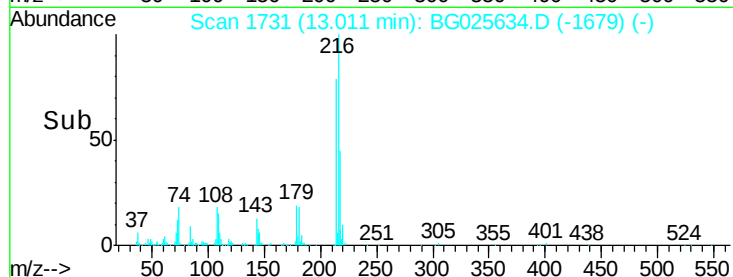
#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 26.38 ng/ul
 RT: 13.01 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: BG025634.D
 Acq: 25 Jan 2017 14:50

Instrument :
 BNA_G
 ClientSampleId :
 X2813

Tgt Ion:216 Resp: 177533
 Ion Ratio Lower Upper
 216 100
 214 78.5 67.0 100.6
 179 18.9 18.1 27.1
 108 18.4 14.1 21.1

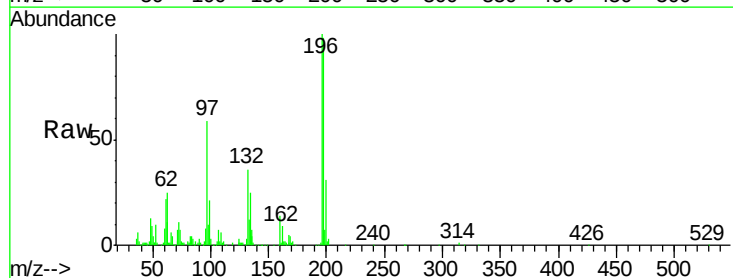


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

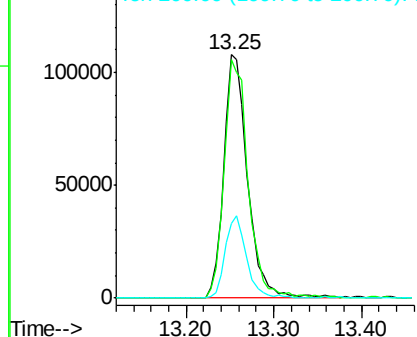
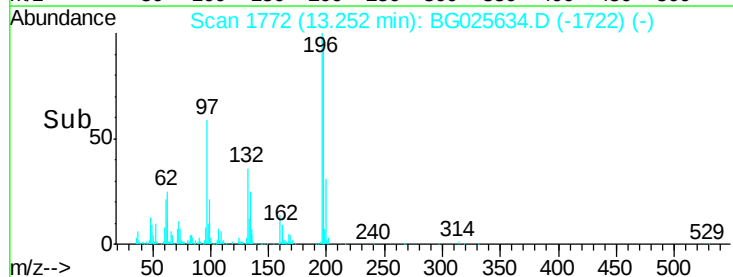


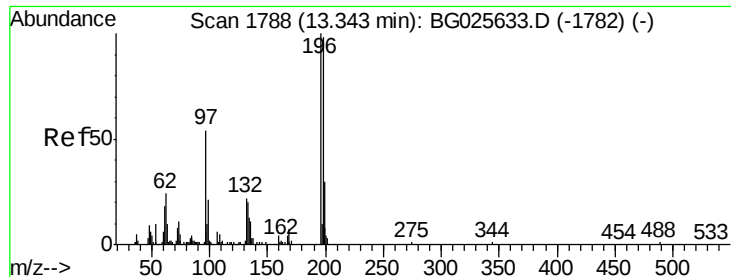
#38
 2,4,6-Trichlorophenol
 Concen: 49.70 ng/ul
 RT: 13.25 min Scan# 1772
 Delta R.T. -0.01 min
 Lab File: BG025634.D
 Acq: 25 Jan 2017 14:50

Tgt Ion:196 Resp: 202517
 Ion Ratio Lower Upper
 196 100
 198 98.1 71.4 107.2
 200 30.6 24.6 37.0



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

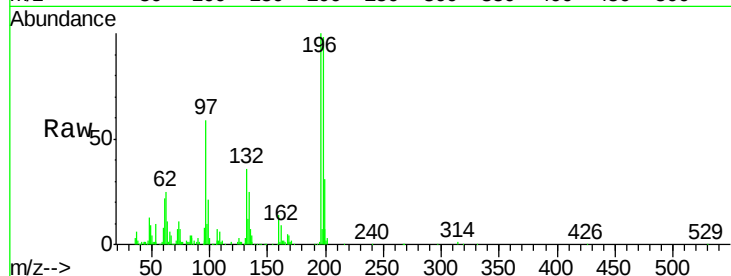




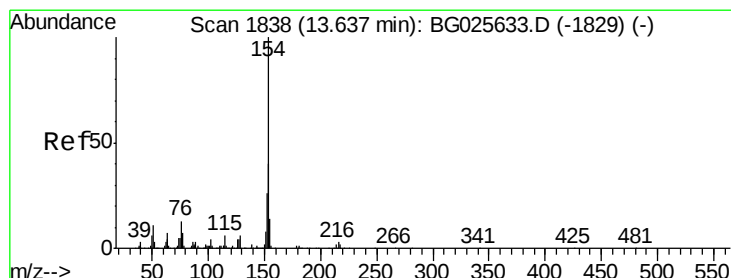
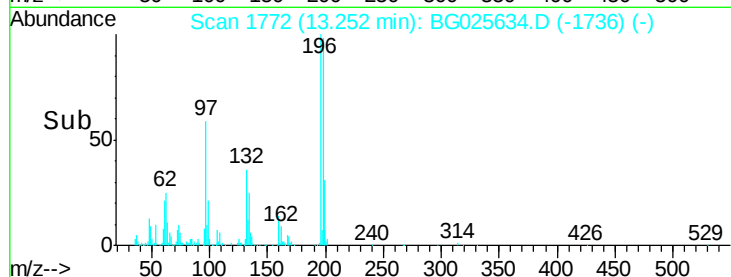
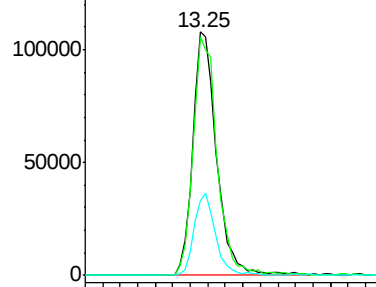
#39
 2,4,5-Trichlorophenol
 Concen: 47.39 ng/ul
 RT: 13.25 min Scan# 1772
 Delta R.T. -0.09 min
 Lab File: BG025634.D
 Acq: 25 Jan 2017 14:50

Instrument :
 BNA_G
 ClientSampleId :
 X2813

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.1	78.6	118.0
200	30.6	27.3	40.9

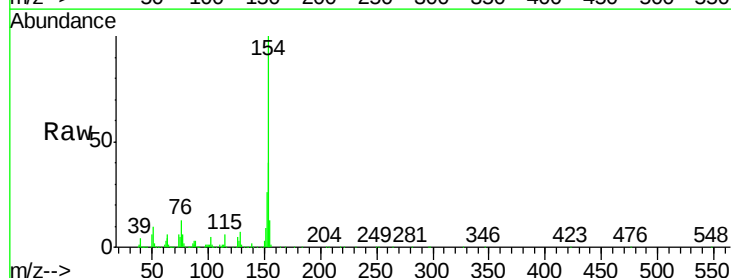


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

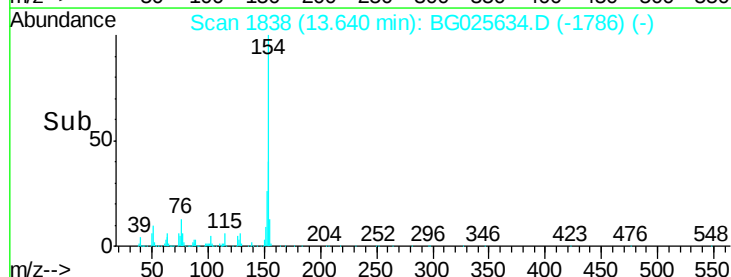
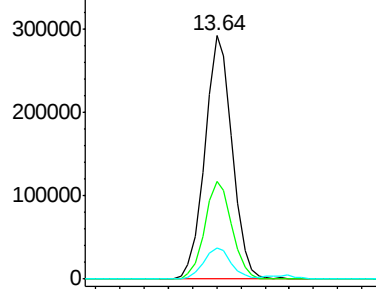


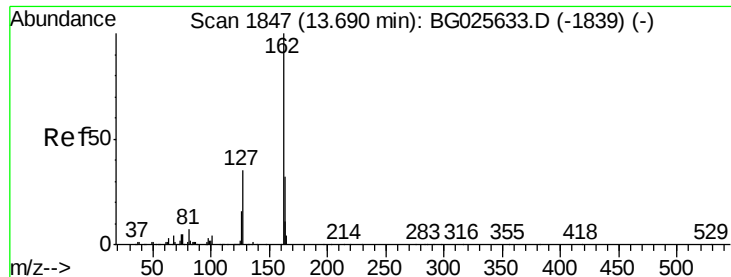
#40
 1,1'-Biphenyl
 Concen: 33.16 ng/ul
 RT: 13.64 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: BG025634.D
 Acq: 25 Jan 2017 14:50

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.9	32.2	48.2
76	12.7	9.6	14.4



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BG

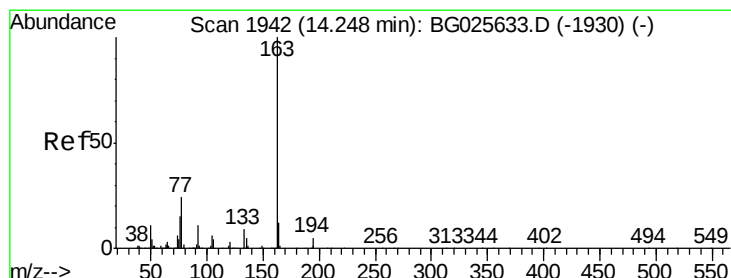
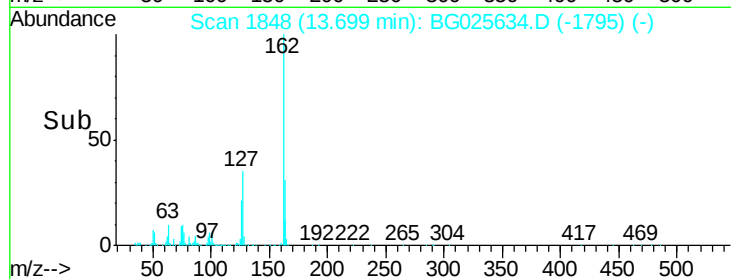
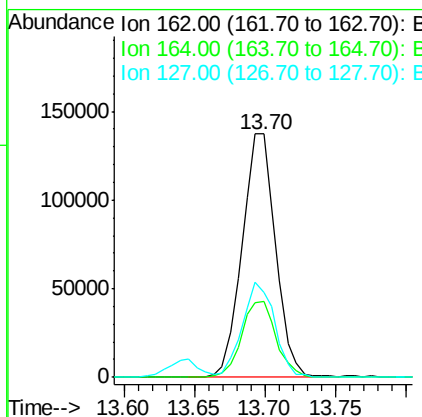
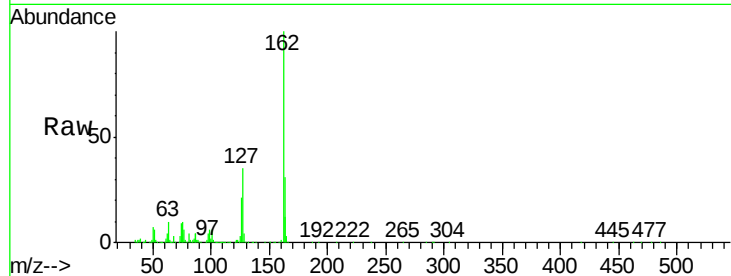




#41
2-Chloronaphthalene
Concen: 21.22 ng/ul
RT: 13.70 min Scan# 1848
Delta R.T. 0.01 min
Lab File: BG025634.D
Acq: 25 Jan 2017 14:50

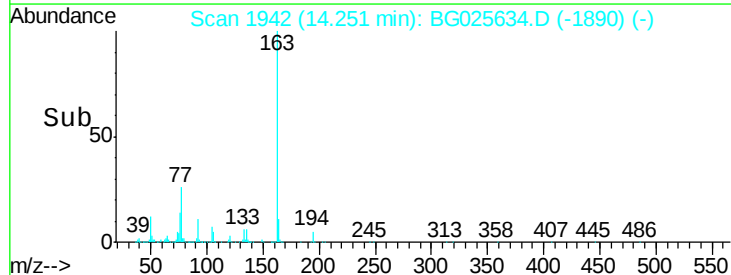
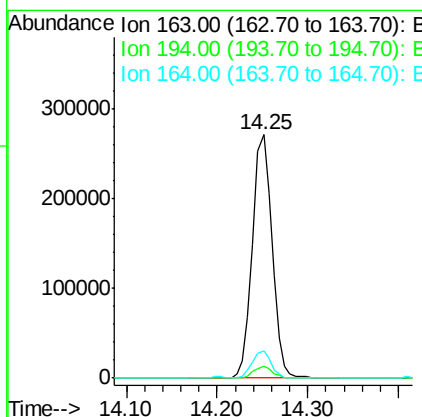
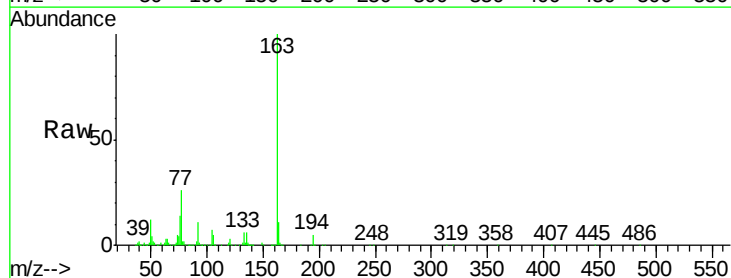
Instrument :
BNA_G
ClientSampleId :
X2813

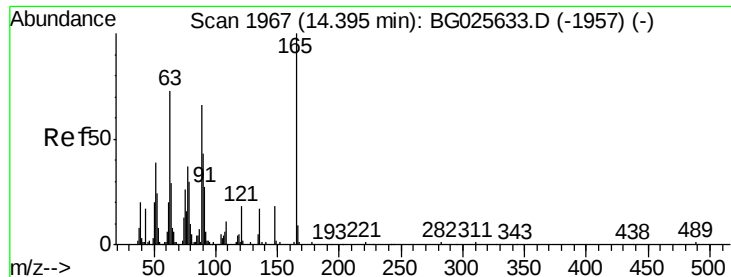
Tgt Ion	Ratio	Lower	Upper
162	100		
164	31.3	25.0	37.6
127	34.8	30.7	46.1



#44
Dimethylphthalate
Concen: 26.26 ng/ul
RT: 14.25 min Scan# 1942
Delta R.T. 0.00 min
Lab File: BG025634.D
Acq: 25 Jan 2017 14:50

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.4	5.0
164	11.1	9.0	13.4

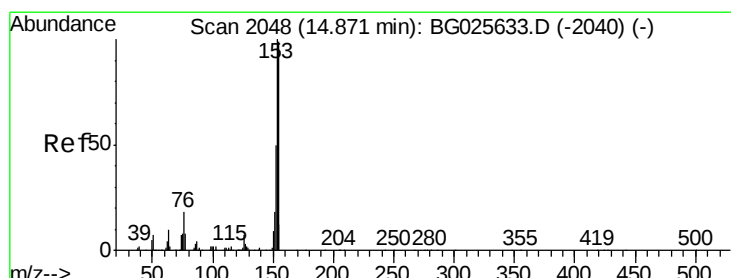
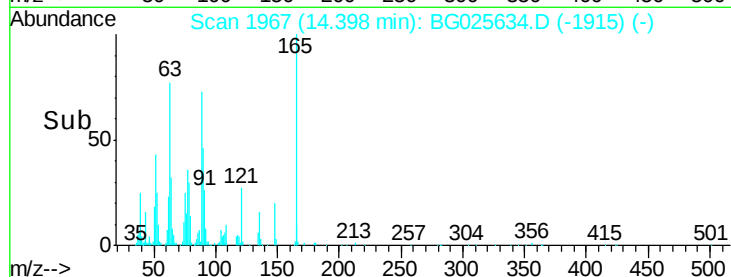
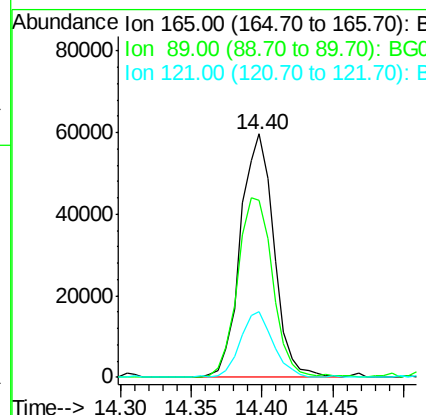
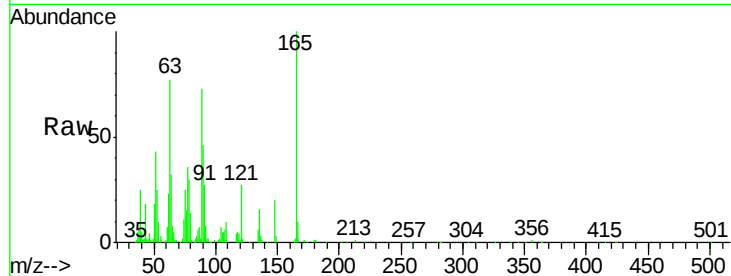




#45
 2,6-Dinitrotoluene
 Concen: 30.87 ng/ul
 RT: 14.40 min Scan# 1967
 Delta R.T. 0.00 min
 Lab File: BG025634.D
 Acq: 25 Jan 2017 14:50

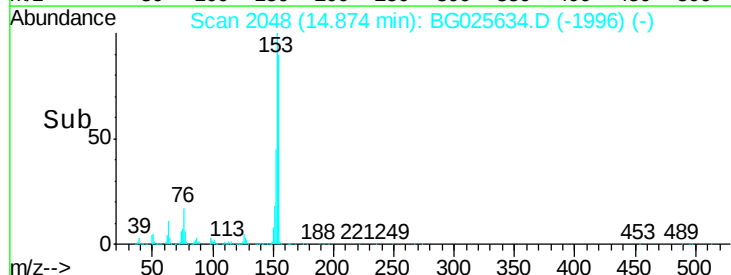
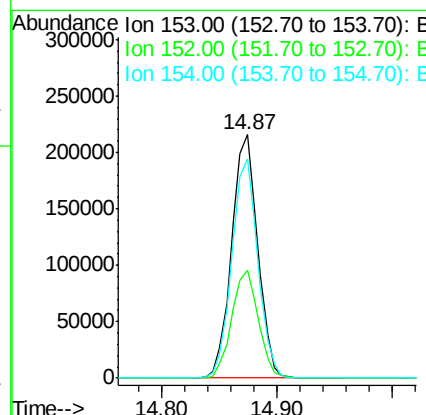
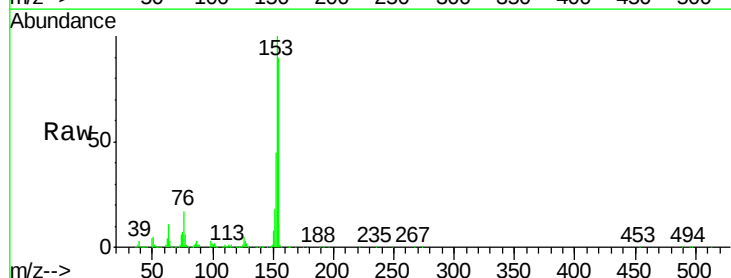
Instrument :
 BNA_G
 ClientSampleId :
 X2813

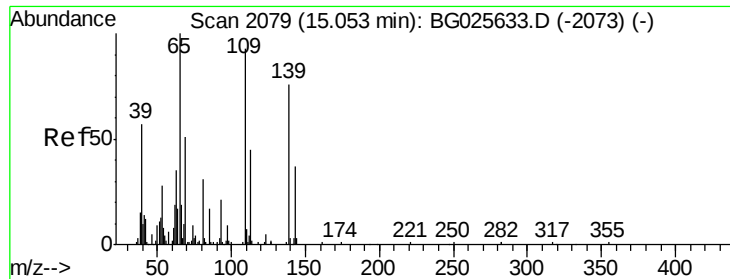
Tgt Ion:165 Resp: 98630
 Ion Ratio Lower Upper
 165 100
 89 72.5 52.9 79.3
 121 26.8 22.2 33.4



#49
 Acenaphthene
 Concen: 28.46 ng/ul
 RT: 14.87 min Scan# 2048
 Delta R.T. 0.00 min
 Lab File: BG025634.D
 Acq: 25 Jan 2017 14:50

Tgt Ion:153 Resp: 336517
 Ion Ratio Lower Upper
 153 100
 152 44.6 36.5 54.7
 154 89.8 72.3 108.5

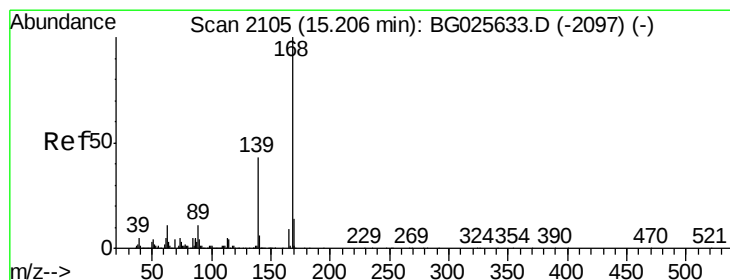
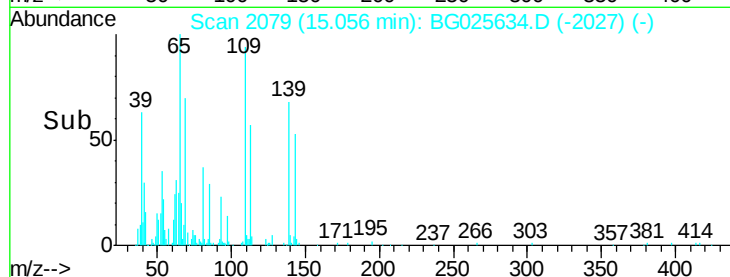
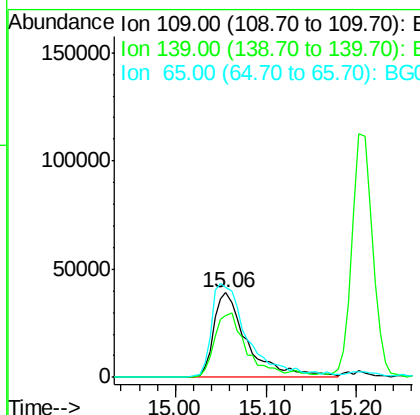
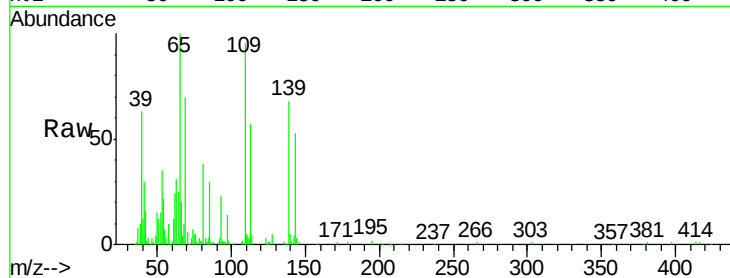




#52
4-Nitrophenol
Concen: 34.02 ng/ul
RT: 15.06 min Scan# 2079
Delta R.T. 0.00 min
Lab File: BG025634.D
Acq: 25 Jan 2017 14:50

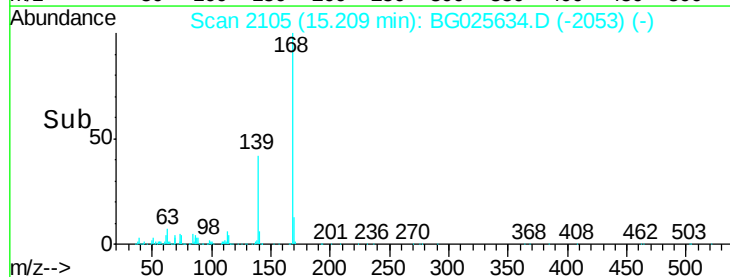
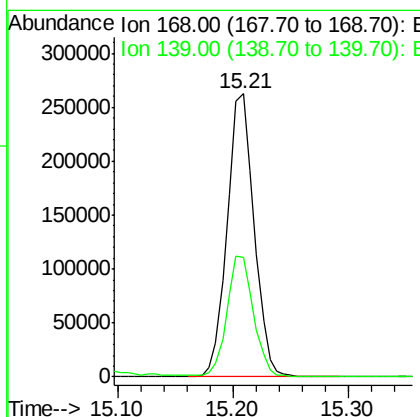
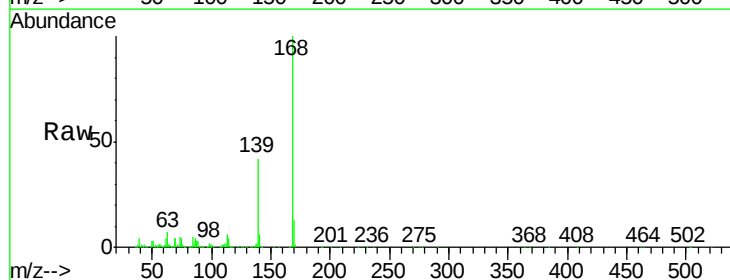
Instrument :
BNA_G
ClientSampleId :
X2813

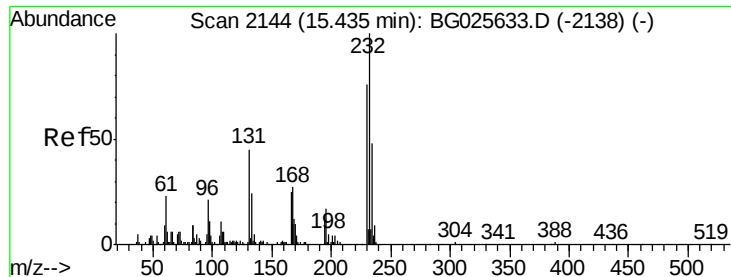
Tgt Ion	Ratio	Lower	Upper
109	100		
139	72.4	62.6	93.8
65	105.8	90.4	135.6



#53
Dibenzofuran
Concen: 23.40 ng/ul
RT: 15.21 min Scan# 2105
Delta R.T. 0.00 min
Lab File: BG025634.D
Acq: 25 Jan 2017 14:50

Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.4	33.8	50.8





#55

2,3,4,6-Tetrachlorophenol

Concen: 30.12 ng/ul

RT: 15.44 min Scan# 2145

Delta R.T. 0.01 min

Lab File: BG025634.D

Acq: 25 Jan 2017 14:50

Instrument :

BNA_G

ClientSampleId :

X2813

Tgt Ion:232 Resp: 136188

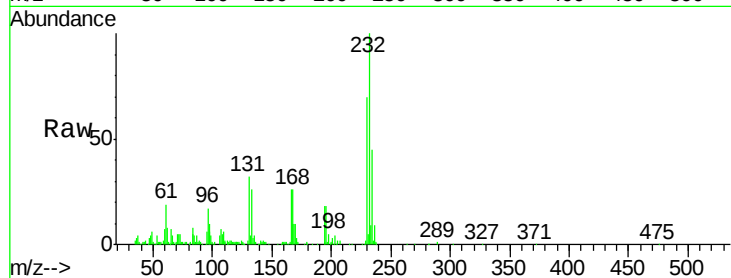
Ion Ratio Lower Upper

232 100

131 31.7 33.3 49.9#

130 1.7 1.8 2.6#

166 25.8 21.9 32.9

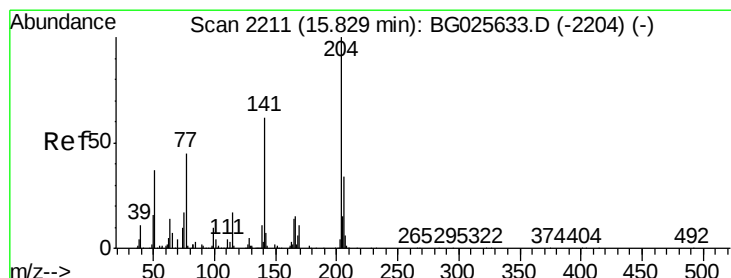
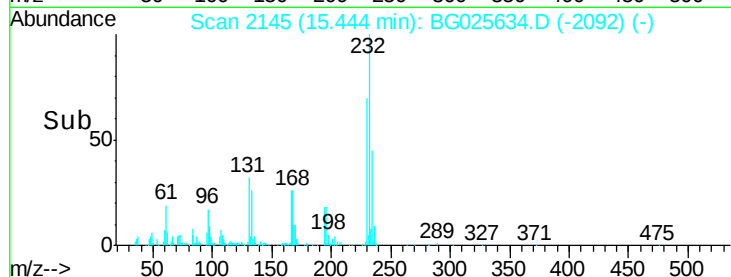
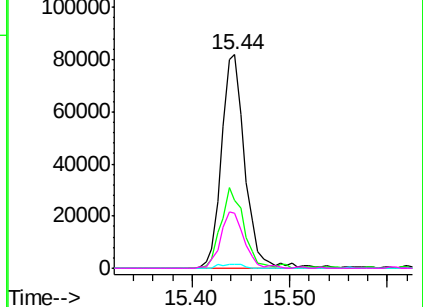


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59

4-Chlorophenyl-phenylether

Concen: 20.31 ng/ul

RT: 15.83 min Scan# 2211

Delta R.T. 0.00 min

Lab File: BG025634.D

Acq: 25 Jan 2017 14:50

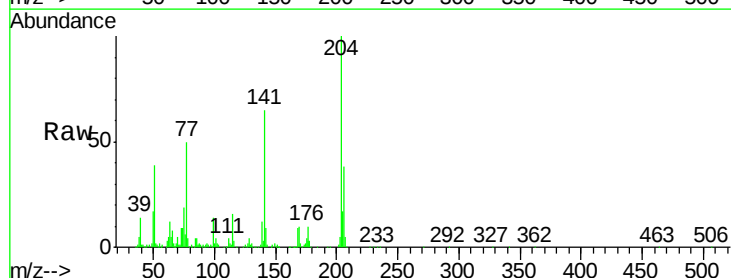
Tgt Ion:204 Resp: 170045

Ion Ratio Lower Upper

204 100

206 37.7 32.3 48.5

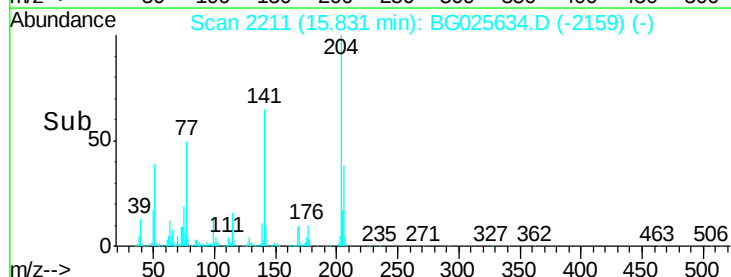
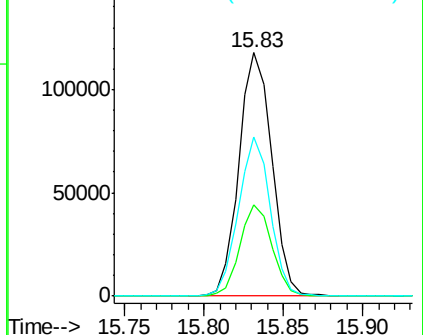
141 65.5 57.5 86.3

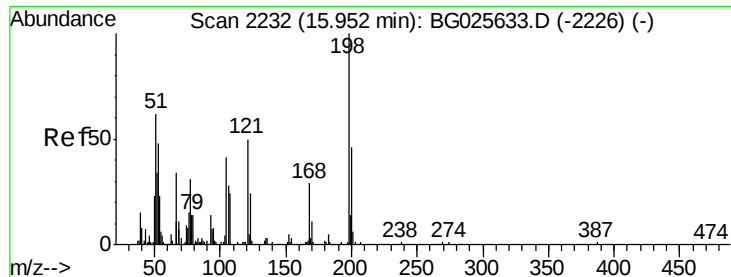


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

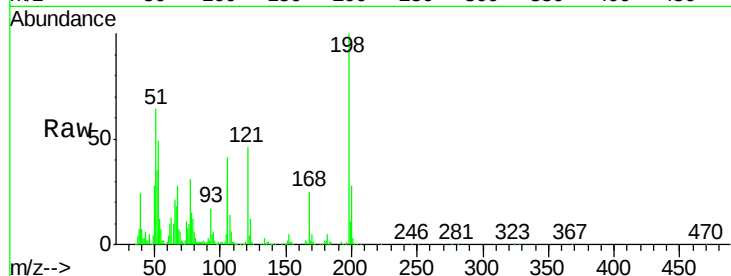




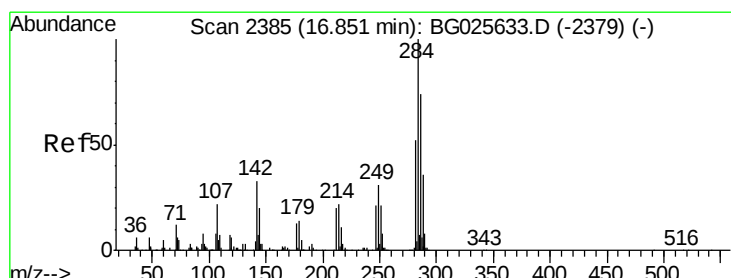
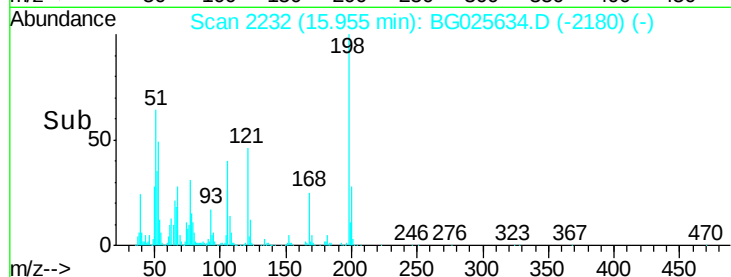
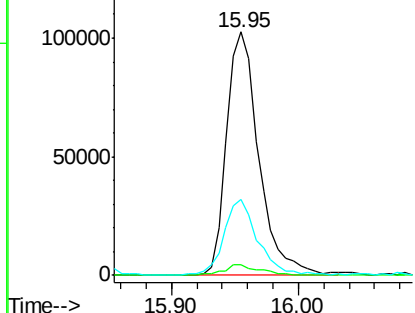
#63
4,6-Dinitro-2-methylphenol
Concen: 56.52 ng/ul
RT: 15.95 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BG025634.D
Acq: 25 Jan 2017 14:50

Instrument :
BNA_G
ClientSampleId :
X2813

Tgt Ion:198 Resp: 180706
Ion Ratio Lower Upper
198 100
182 4.5 5.8 6.4#
77 31.0 22.1 33.9

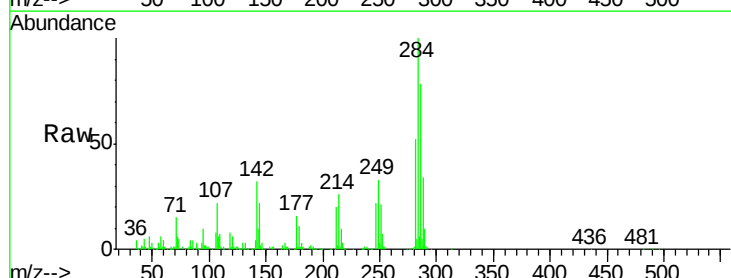


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 77.00 (76.70 to 77.70): B

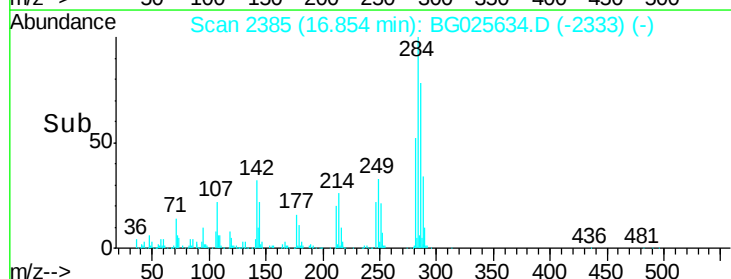
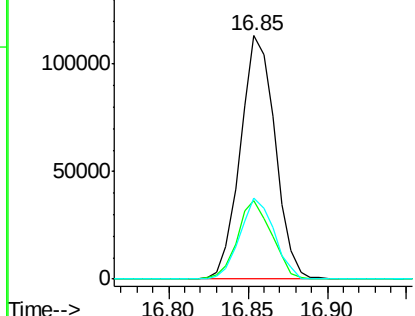


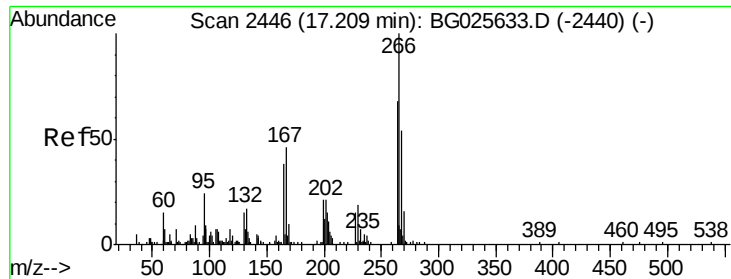
#66
Hexachlorobenzene
Concen: 25.90 ng/ul
RT: 16.85 min Scan# 2385
Delta R.T. 0.00 min
Lab File: BG025634.D
Acq: 25 Jan 2017 14:50

Tgt Ion:284 Resp: 171787
Ion Ratio Lower Upper
284 100
142 32.3 26.1 39.1
249 33.4 25.9 38.9



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

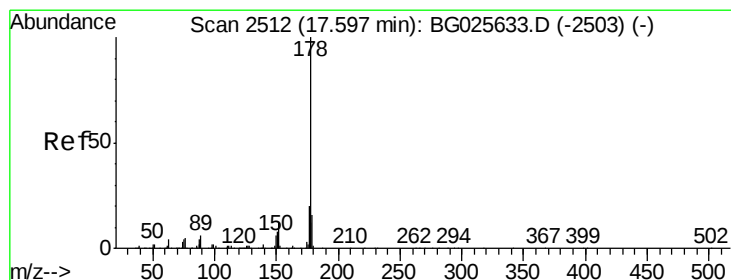
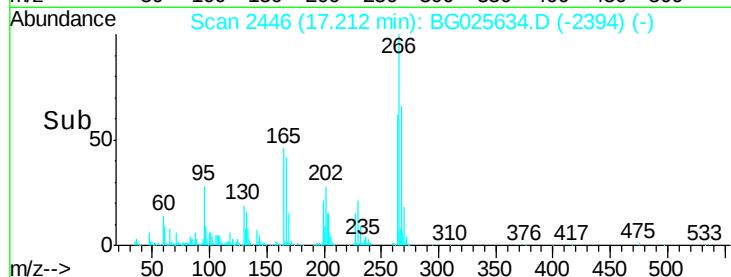
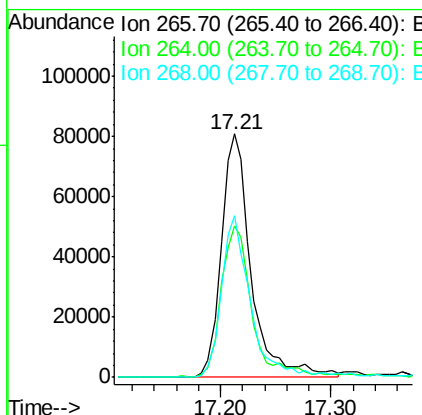
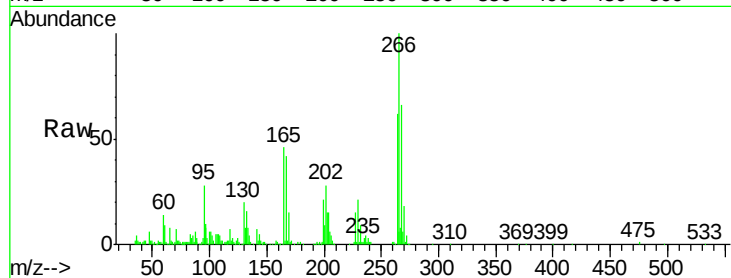




#68
 Pentachlorophenol
 Concen: 55.09 ng/ul
 RT: 17.21 min Scan# 2446
 Delta R.T. 0.00 min
 Lab File: BG025634.D
 Acq: 25 Jan 2017 14:50

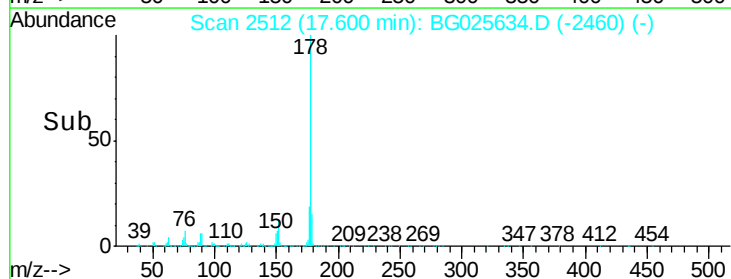
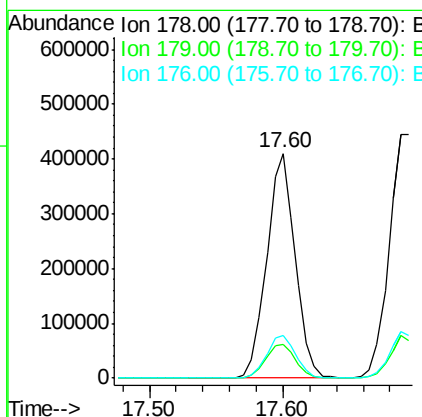
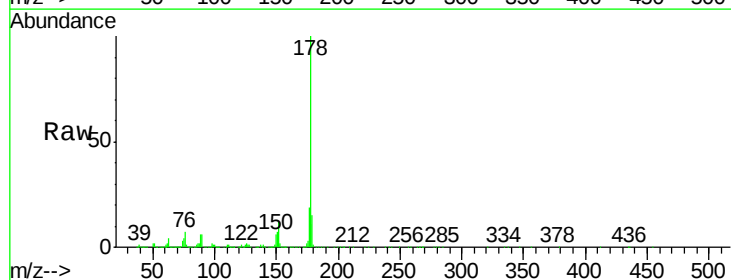
Instrument :
 BNA_G
 ClientSampleId :
 X2813

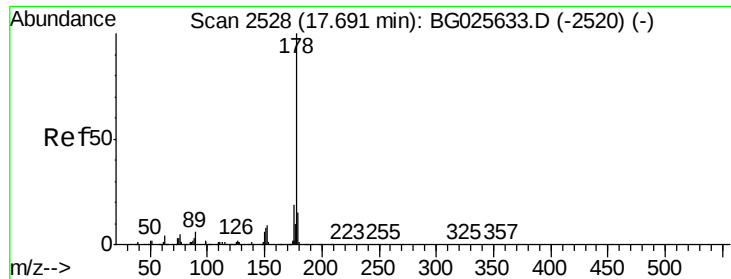
Tgt Ion	Ratio	Lower	Upper
266	100		
264	61.9	47.1	70.7
268	66.3	56.2	84.4



#69
 Phenanthrene
 Concen: 24.73 ng/ul
 RT: 17.60 min Scan# 2512
 Delta R.T. 0.00 min
 Lab File: BG025634.D
 Acq: 25 Jan 2017 14:50

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.4	18.6
176	19.1	16.5	24.7

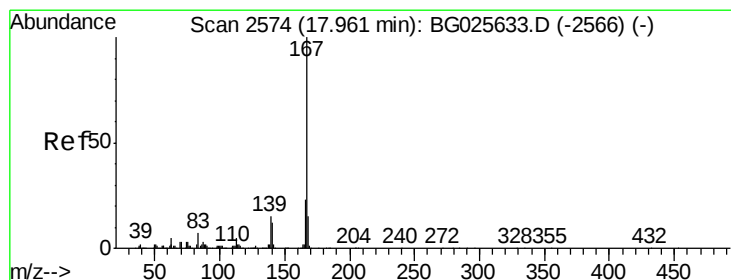
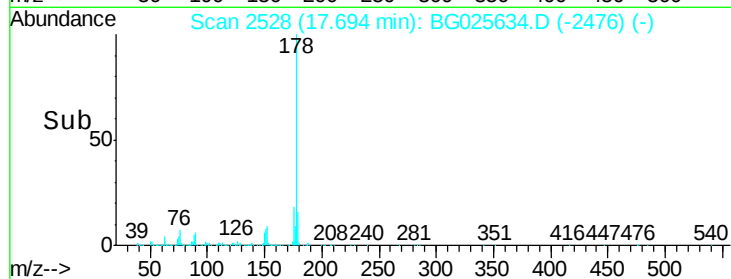
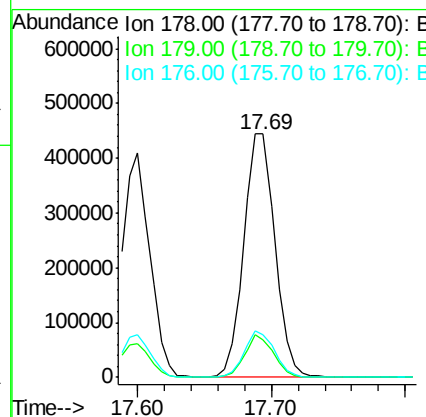
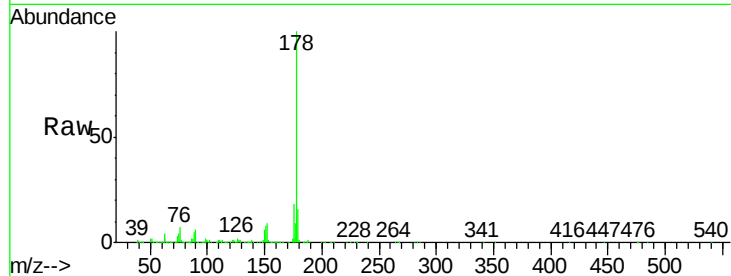




#71
 Anthracene
 Concen: 29.11 ng/ul
 RT: 17.69 min Scan# 2528
 Delta R.T. 0.00 min
 Lab File: BG025634.D
 Acq: 25 Jan 2017 14:50

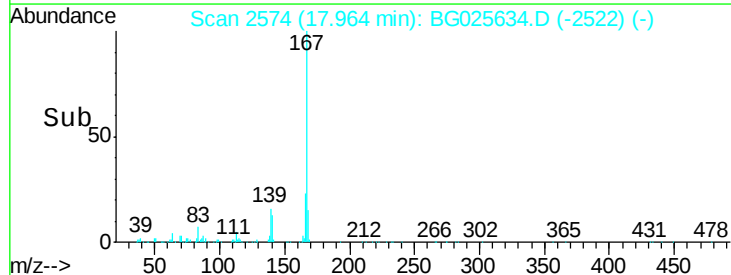
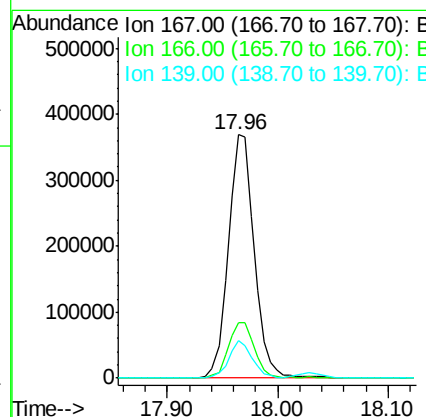
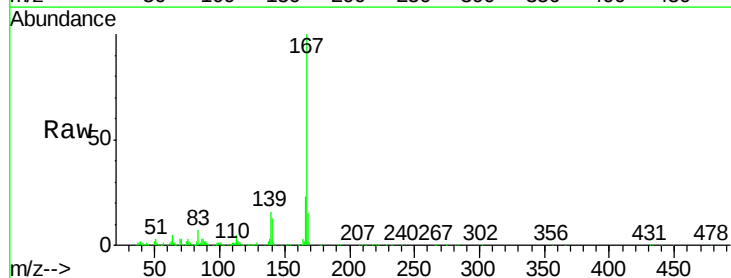
Instrument :
 BNA_G
 ClientSampleId :
 X2813

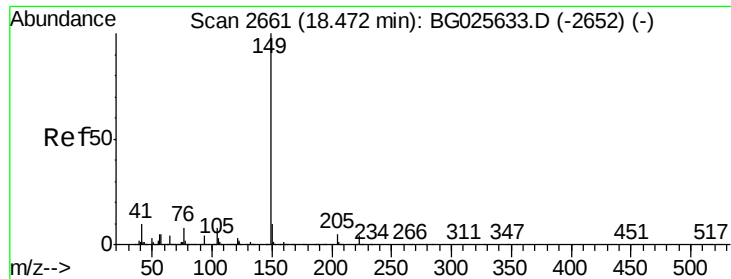
Tgt Ion:178 Resp: 715307
 Ion Ratio Lower Upper
 178 100
 179 15.6 12.6 19.0
 176 17.7 15.9 23.9



#72
 Carbazole
 Concen: 29.69 ng/ul
 RT: 17.96 min Scan# 2574
 Delta R.T. 0.00 min
 Lab File: BG025634.D
 Acq: 25 Jan 2017 14:50

Tgt Ion:167 Resp: 605101
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.9 26.9
 139 15.6 10.5 15.7

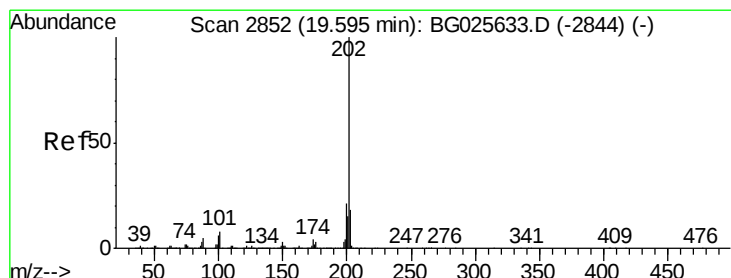
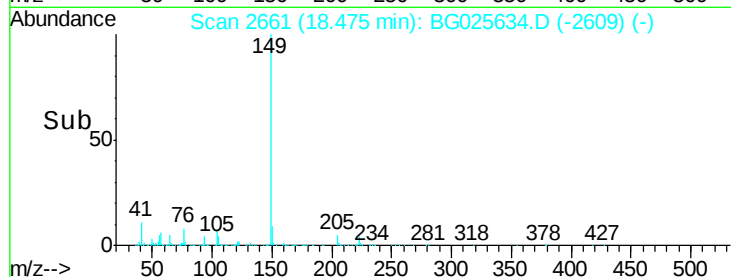
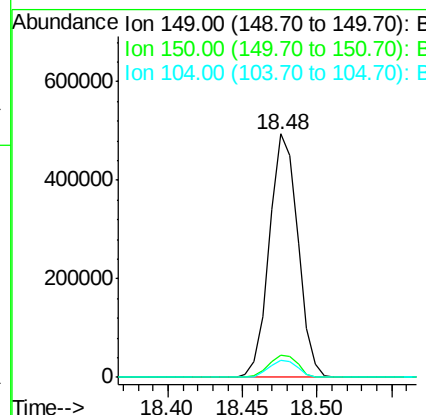
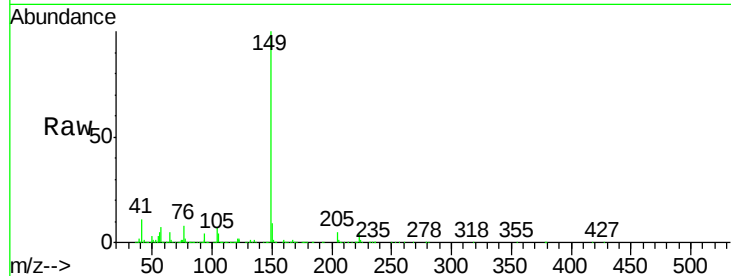




#73
Di-n-butylphthalate
Concen: 24.79 ng/ul
RT: 18.48 min Scan# 2661
Delta R.T. 0.00 min
Lab File: BG025634.D
Acq: 25 Jan 2017 14:50

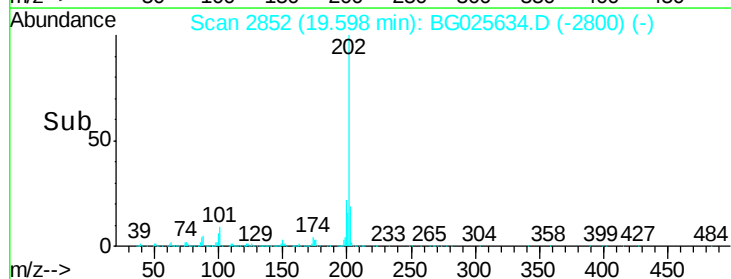
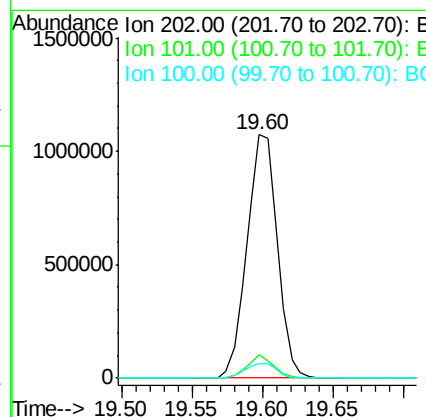
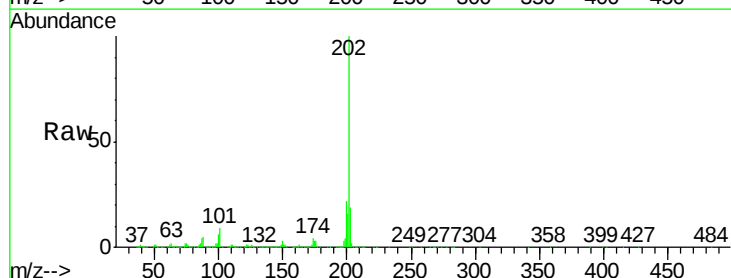
Instrument :
BNA_G
ClientSampleId :
X2813

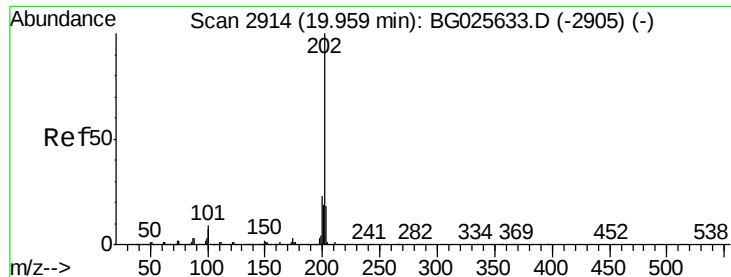
Tgt Ion:149 Resp: 653029
Ion Ratio Lower Upper
149 100
150 9.0 7.9 11.9
104 7.0 5.8 8.8



#74
Fluoranthene
Concen: 56.08 ng/ul
RT: 19.60 min Scan# 2852
Delta R.T. 0.00 min
Lab File: BG025634.D
Acq: 25 Jan 2017 14:50

Tgt Ion:202 Resp: 1617714
Ion Ratio Lower Upper
202 100
101 9.4 6.2 9.2#
100 6.2 5.2 7.8





#77

Pyrene

Concen: 38.17 ng/ul

RT: 19.96 min Scan# 2914

Delta R.T. 0.00 min

Lab File: BG025634.D

Acq: 25 Jan 2017 14:50

Instrument :

BNA_G

ClientSampled :

X2813

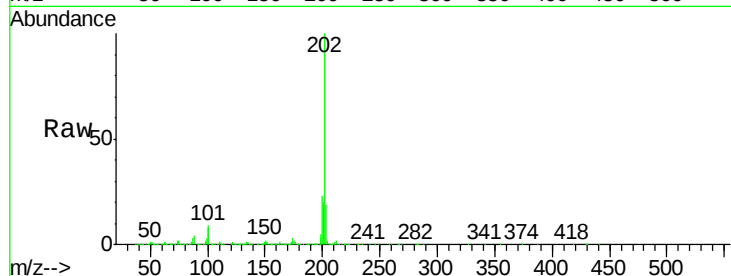
Tgt Ion:202 Resp: 1153912

Ion Ratio Lower Upper

202 100

101 9.3 6.9 10.3

100 8.2 6.6 10.0



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

1000000

800000

600000

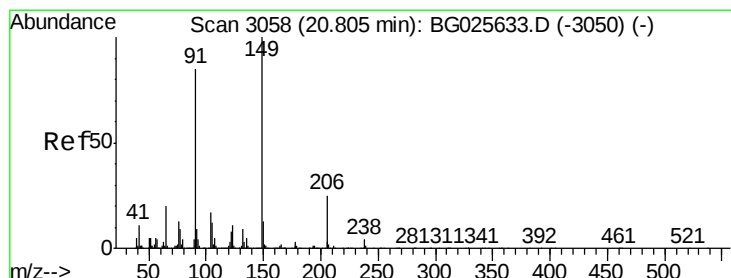
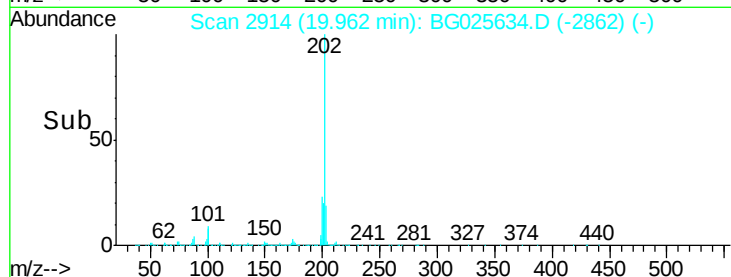
400000

200000

0

19.96

Time-->



#78

Butylbenzylphthalate

Concen: 24.21 ng/ul

RT: 20.81 min Scan# 3058

Delta R.T. 0.00 min

Lab File: BG025634.D

Acq: 25 Jan 2017 14:50

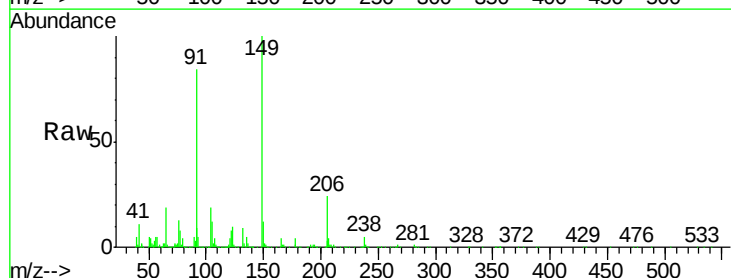
Tgt Ion:149 Resp: 284625

Ion Ratio Lower Upper

149 100

91 84.0 65.8 98.6

206 23.8 20.1 30.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E

300000

250000

200000

150000

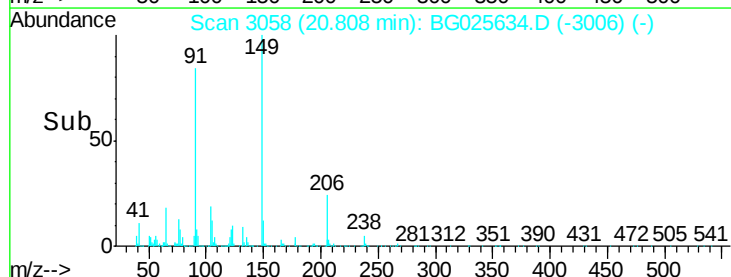
100000

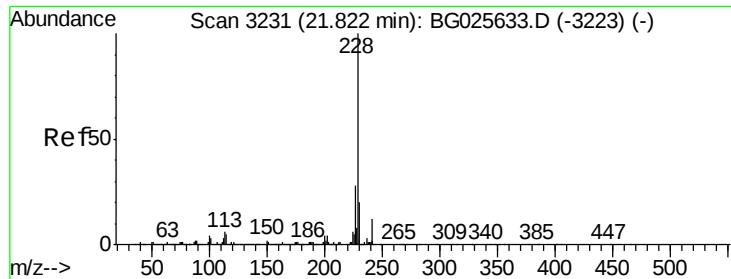
50000

0

20.81

Time-->





#80

Benzo(a)anthracene

Concen: 45.56 ng/ul

RT: 21.82 min Scan# 3231

Delta R.T. 0.00 min

Lab File: BG025634.D

Acq: 25 Jan 2017 14:50

Instrument :

BNA_G

ClientSampleId :

X2813

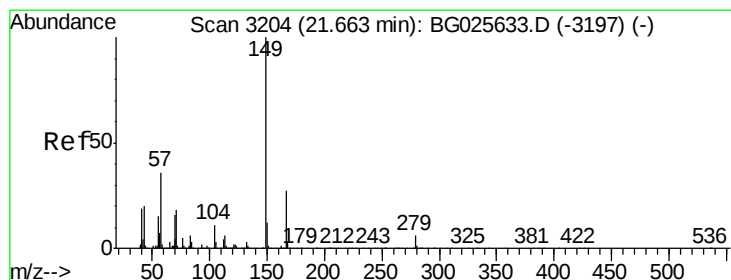
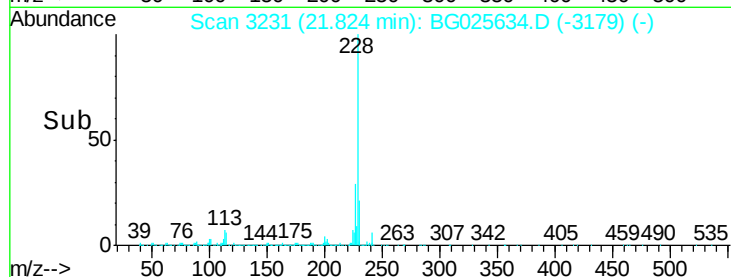
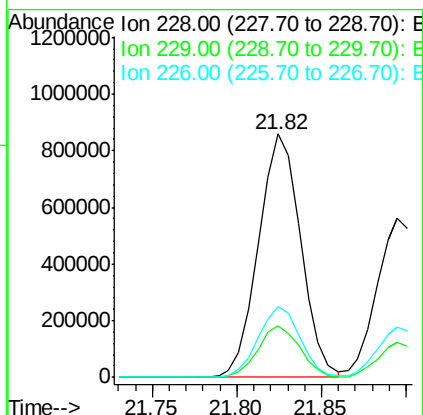
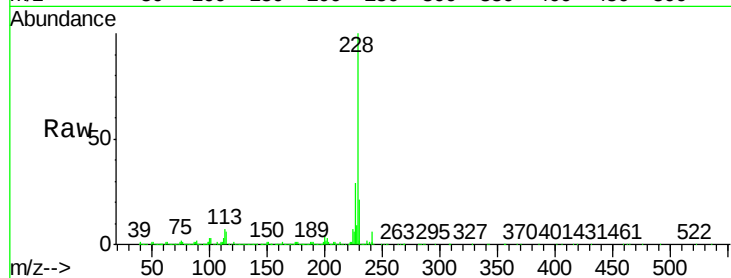
Tgt Ion:228 Resp: 1480153

Ion Ratio Lower Upper

228 100

229 21.2 16.3 24.5

226 29.0 21.9 32.9



#81

Bis(2-ethylhexyl)phthalate

Concen: 30.65 ng/ul

RT: 21.67 min Scan# 3204

Delta R.T. 0.00 min

Lab File: BG025634.D

Acq: 25 Jan 2017 14:50

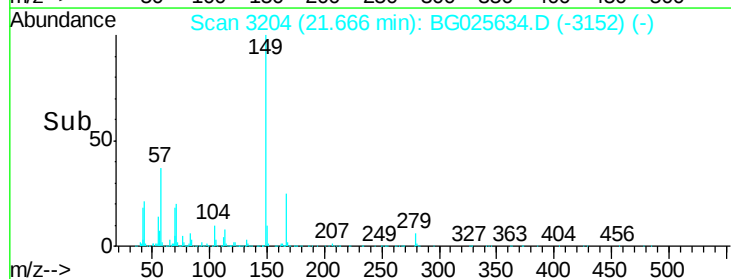
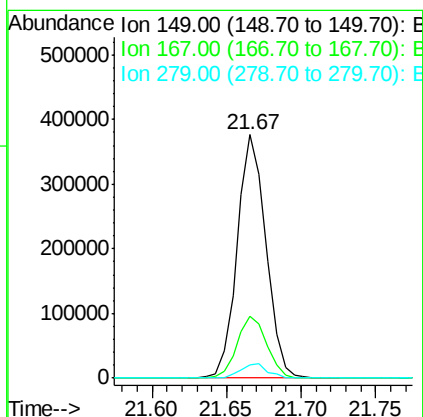
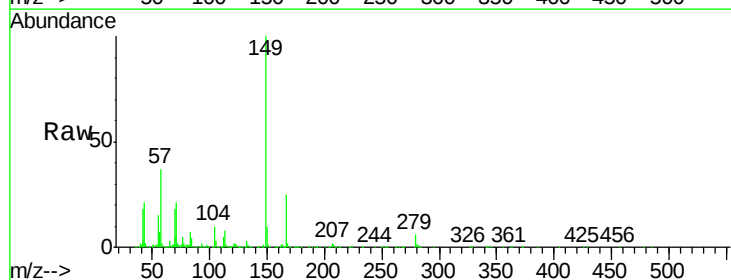
Tgt Ion:149 Resp: 502969

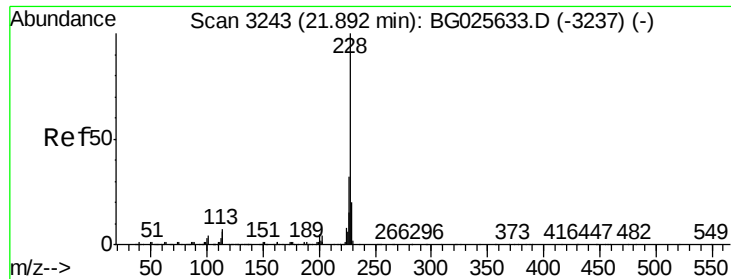
Ion Ratio Lower Upper

149 100

167 25.4 21.8 32.8

279 5.6 4.5 6.7





#82

Chrysene

Concen: 33.77 ng/ul

RT: 21.89 min Scan# 3243

Delta R.T. 0.00 min

Lab File: BG025634.D

Acq: 25 Jan 2017 14:50

Instrument :

BNA_G

ClientSampled :

X2813

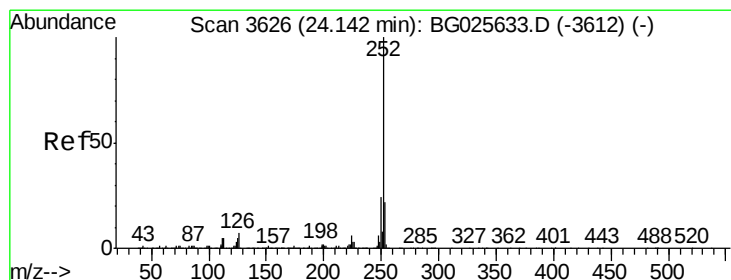
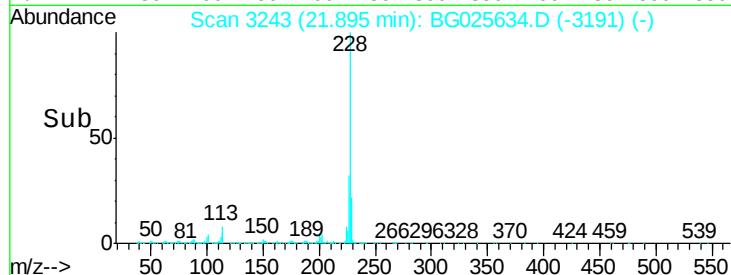
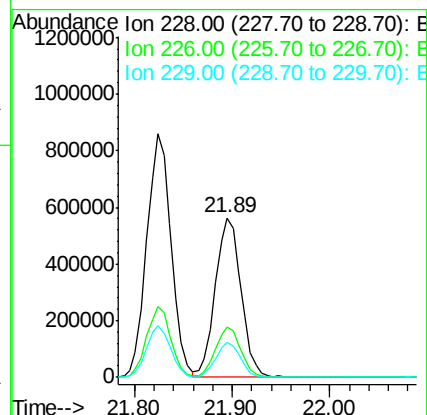
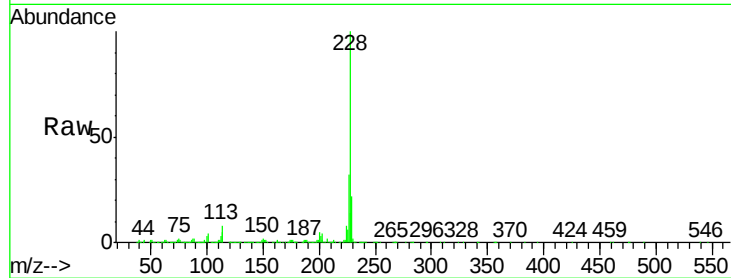
Tgt Ion:228 Resp: 1031844

Ion Ratio Lower Upper

228 100

226 31.8 24.0 36.0

229 22.3 16.9 25.3



#85

Benzo(b)fluoranthene

Concen: 34.08 ng/ul

RT: 24.15 min Scan# 3627

Delta R.T. 0.01 min

Lab File: BG025634.D

Acq: 25 Jan 2017 14:50

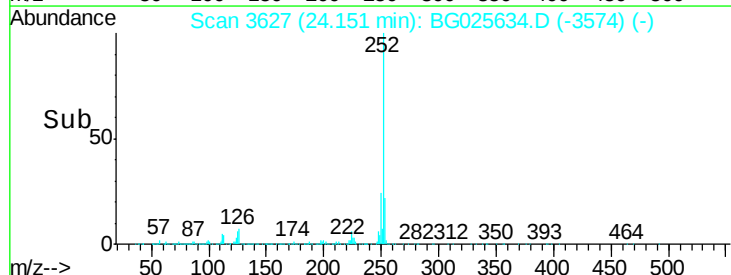
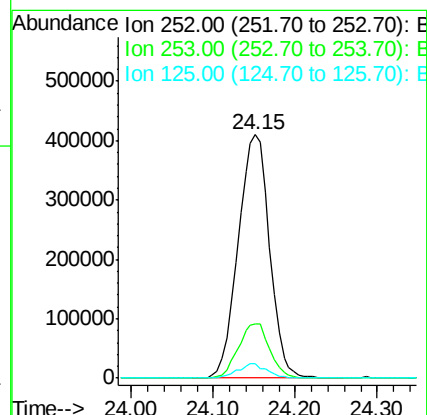
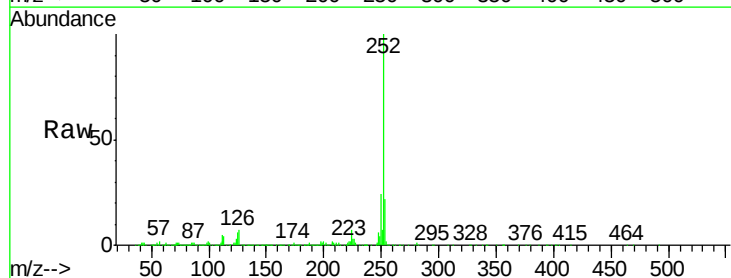
Tgt Ion:252 Resp: 1091961

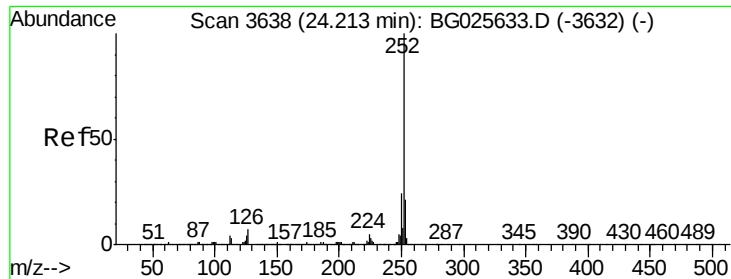
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 6.1 4.0 6.0#

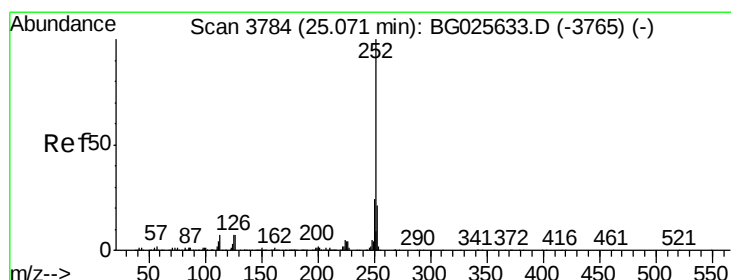
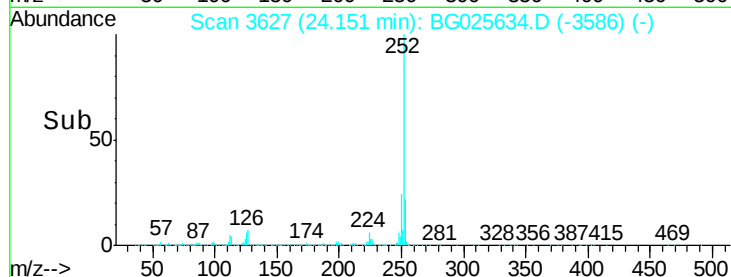
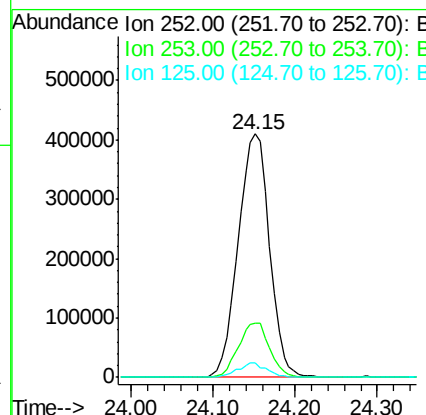
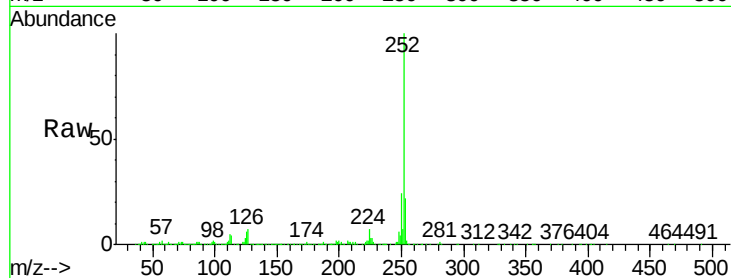




#86
Benzo(k)fluoranthene
Concen: 36.33 ng/ul
RT: 24.15 min Scan# 3627
Delta R.T. -0.06 min
Lab File: BG025634.D
Acq: 25 Jan 2017 14:50

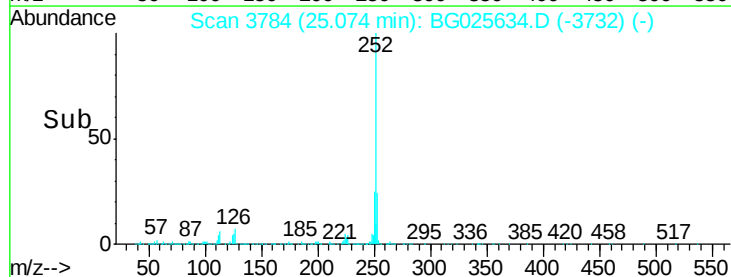
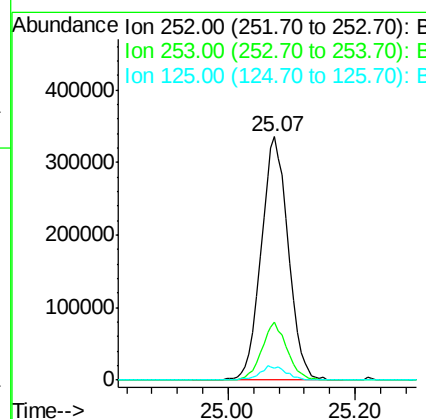
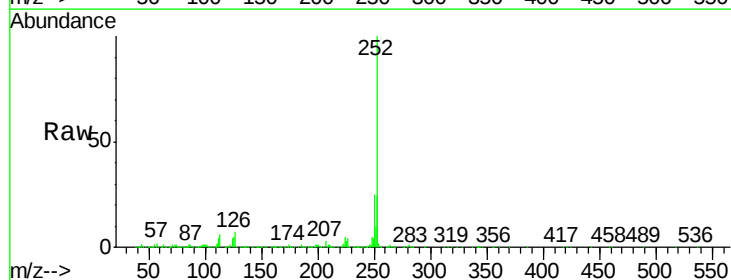
Instrument :
BNA_G
ClientSampleId :
X2813

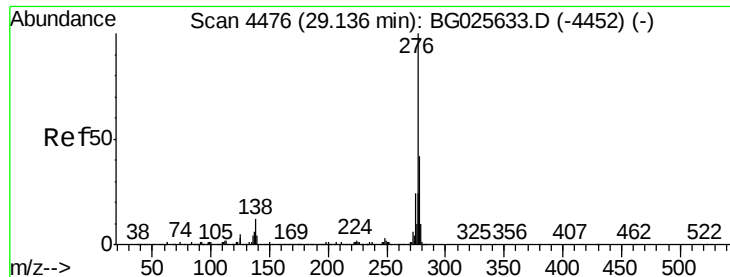
Tgt Ion:252 Resp: 1091961
Ion Ratio Lower Upper
252 100
253 22.2 18.5 27.7
125 6.1 4.1 6.1#



#88
Benzo(a)pyrene
Concen: 32.99 ng/ul
RT: 25.07 min Scan# 3784
Delta R.T. 0.00 min
Lab File: BG025634.D
Acq: 25 Jan 2017 14:50

Tgt Ion:252 Resp: 999821
Ion Ratio Lower Upper
252 100
253 23.6 17.8 26.6
125 4.9 5.4 8.0#





#89

Indeno(1,2,3-cd)pyrene

Concen: 35.72 ng/ul

RT: 29.15 min Scan# 4477

Delta R.T. 0.01 min

Lab File: BG025634.D

Acq: 25 Jan 2017 14:50

Instrument :

BNA_G

ClientSampleId :

X2813

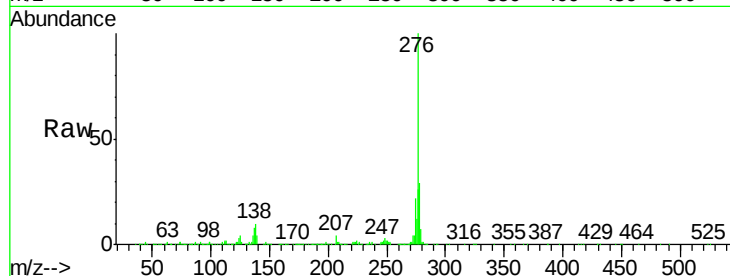
Tgt Ion:276 Resp: 1371060

Ion Ratio Lower Upper

276 100

138 10.2 8.2 12.4

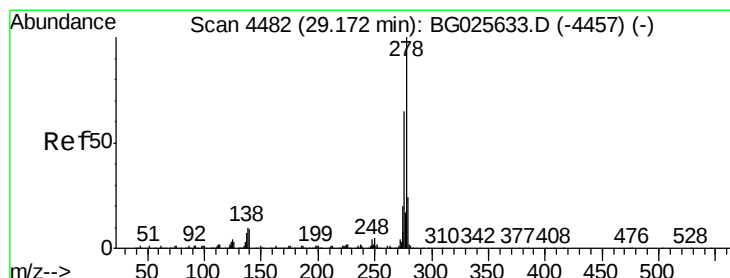
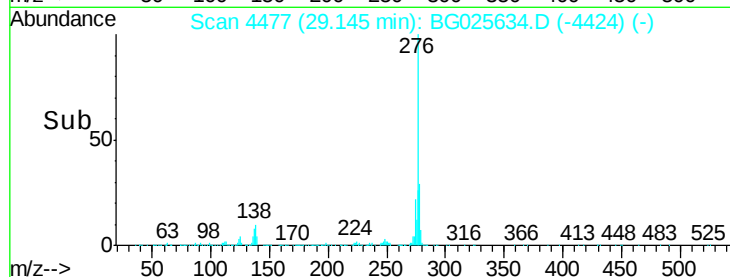
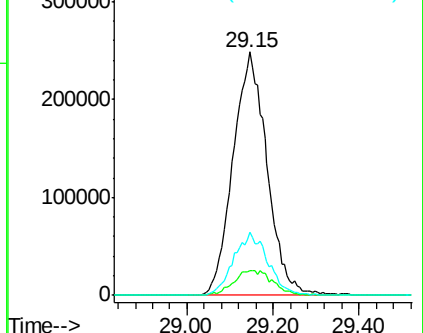
277 25.8 18.6 28.0



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



#90

Dibenzo(a,h)anthracene

Concen: 27.94 ng/ul

RT: 29.19 min Scan# 4484

Delta R.T. 0.01 min

Lab File: BG025634.D

Acq: 25 Jan 2017 14:50

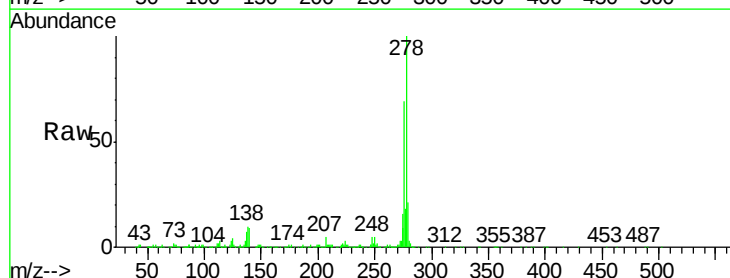
Tgt Ion:278 Resp: 893299

Ion Ratio Lower Upper

278 100

139 9.2 6.7 10.1

279 21.4 20.9 31.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

