

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
 Data File : BG020218.D
 Acq On : 16 Dec 2015 10:08
 Operator : UM/SJ
 Sample : G4786-11
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 G9BQ7

Quant Time: Dec 17 11:36:35 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 17 00:37:15 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	18788	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	84086	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	66082	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	172883	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	197232	20.00	ng/ul	0.00
86) Perylene-d12	25.02	264	181496	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.46	96	1903	5.59	ng/uL	0.00
5) Phenol-d5	7.25	99	57652	34.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	32700	33.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	44965	37.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	50235	35.46	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	22363	34.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	28044	38.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	55067	37.27	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	61764	37.22	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	193872	36.27	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	222772	35.82	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	35962	37.51	ng/ul	0.00
58) Fluorene-d10	15.72	176	177837	36.68	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	36553	35.67	ng/ul	0.00
71) Anthracene-d10	17.57	188	298346	37.45	ng/ul	0.00
79) Pyrene-d10	19.85	212	339803	36.96	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	354987	39.21	ng/ul	0.00

Target Compounds

						Qvalue
4) Benzaldehyde	7.23	77	2699	2.52	ng/ul	96
10) 2-Chlorophenol	7.66	128	48283	38.26	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.63	45	88747	50.62	ng/ul	99
14) Acetophenone	8.92	105	81470	36.72	ng/ul	97
17) Hexachloroethane	9.19	117	9279	17.50	ng/ul	95
20) Nitrobenzene	9.31	77	96266	55.42	ng/ul	99
23) 2-Nitrophenol	10.02	139	37642	48.13	ng/ul	98
27) 2,4-Dichlorophenol	10.56	162	37697	24.84	ng/ul	93
28) Naphthalene	10.97	128	68052	15.50	ng/ul	99
33) 4-Chloro-3-methylphenol	12.18	107	89628	49.70	ng/ul	93
37) 1,2,4,5-Tetrachlorobenzene	12.92	216	44786	18.06	ng/ul	96
39) 2,4,6-Trichlorophenol	13.16	196	49034	30.82	ng/ul	98
41) 1,1'-Biphenyl	13.56	154	184145	36.94	ng/ul	95
43) 2-Nitroaniline	13.81	65	85184	62.77	ng/ul	96
46) 2,6-Dinitrotoluene	14.30	165	46607	41.27	ng/ul	98
48) Acenaphthylene	14.45	152	316671	47.93	ng/ul	100
50) Acenaphthene	14.79	153	18730	4.21	ng/ul	98
53) 4-Nitrophenol	14.94	109	54928	59.57	ng/ul	96
54) Dibenzofuran	15.13	168	129276	19.55	ng/ul	99
55) 2,4-Dinitrotoluene	15.09	165	81682	49.28	ng/ul	96
57) Diethylphthalate	15.54	149	260347	45.95	ng/ul	98
59) Fluorene	15.77	166	43939	8.27	ng/ul	99
65) N-Nitrosodiphenylamine	15.98	169	244489	50.86	ng/ul	98

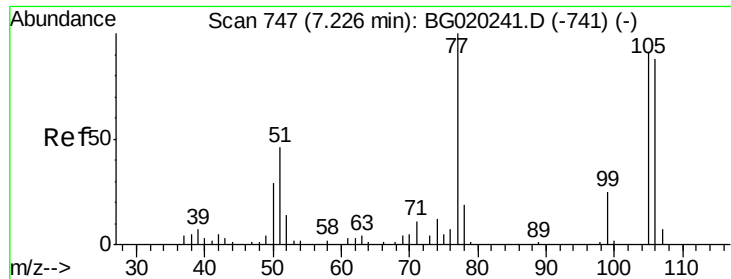
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
67) Hexachlorobenzene	16.78	284	88953	40.82	ng/ul	91
69) Pentachlorophenol	17.12	266	57906	44.07	ng/ul	95
70) Phenanthrene	17.51	178	299364	31.66	ng/ul	99
76) Di-n-butylphthalate	18.42	149	381715	40.76	ng/ul	99
80) Pyrene	19.88	202	185721	15.56	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.64	252	40668	11.29	ng/ul	94
83) Benzo(a)anthracene	21.72	228	454193	39.47	ng/ul	99
87) Di-n-octyl phthalate	22.85	149	279168	27.99	ng/ul	100
88) Benzo(b)fluoranthene	23.98	252	353996	32.41	ng/ul	98
91) Benzo(a)pyrene	24.86	252	205570	19.85	ng/ul	100
93) Dibenzo(a,h)anthracene	28.82	278	490484	47.92	ng/ul	98
94) Benzo(g,h,i)perylene	29.92	276	244700	24.21	ng/ul	99

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



#4

Benzaldehyde

Concen: 2.52 ng/ul

RT: 7.23 min Scan# 747

Delta R.T. 0.00 min

Lab File: BG020218.D

Acq: 16 Dec 2015 10:08

Instrument :

BNA_G

ClientSampleId :

G9BQ7

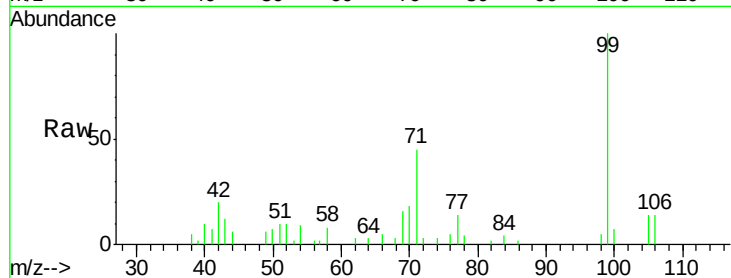
Tgt Ion: 77 Resp: 2699

Ion Ratio Lower Upper

77 100

105 97.2 77.8 116.6

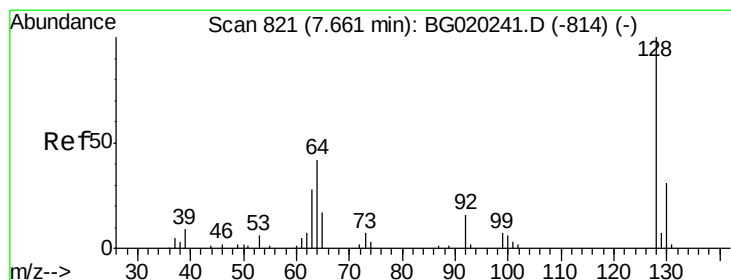
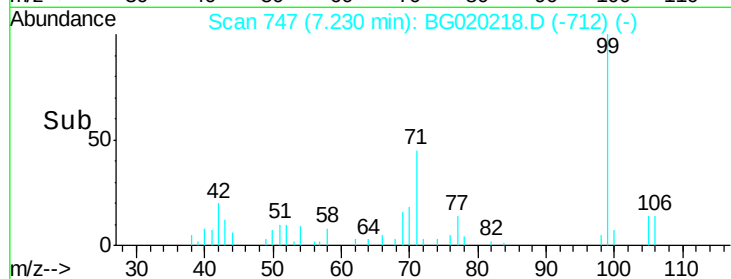
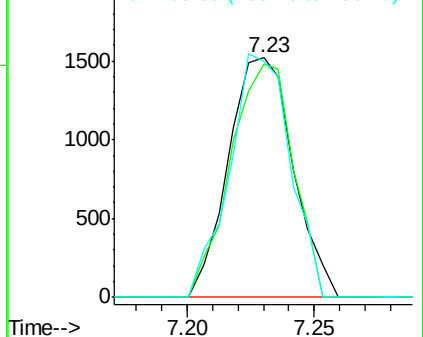
106 98.4 72.6 109.0



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

2-Chlorophenol

Concen: 38.26 ng/ul

RT: 7.66 min Scan# 820

Delta R.T. 0.00 min

Lab File: BG020218.D

Acq: 16 Dec 2015 10:08

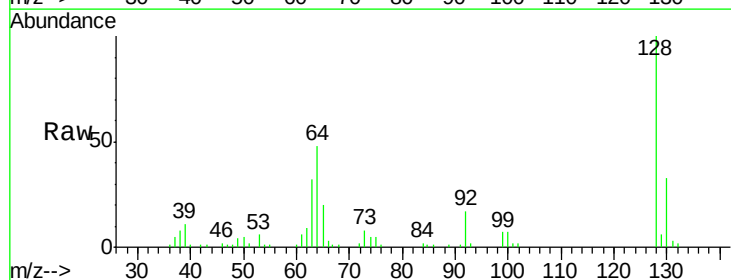
Tgt Ion: 128 Resp: 48283

Ion Ratio Lower Upper

128 100

64 48.1 39.4 59.0

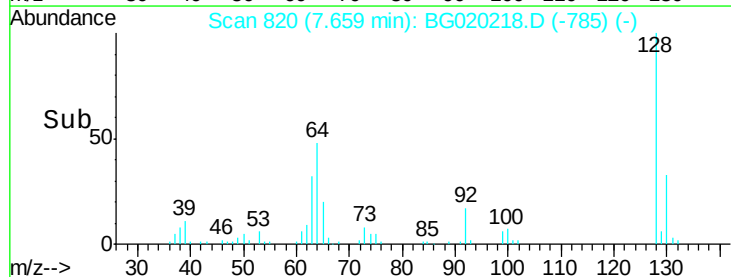
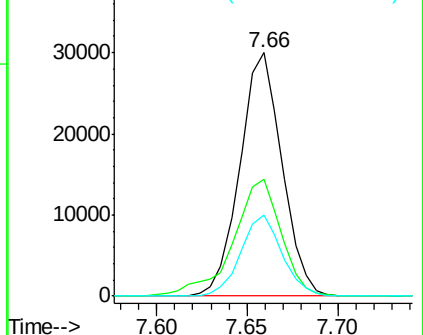
130 33.1 24.6 36.8

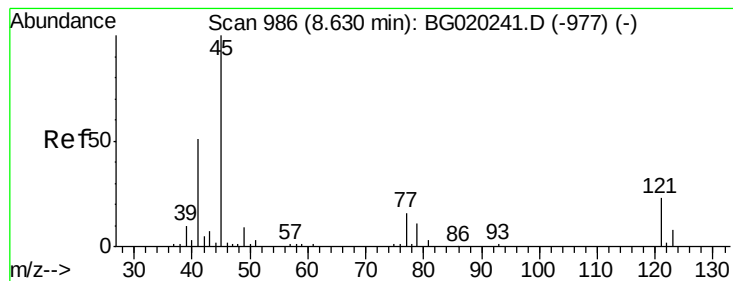


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 130.00 (129.70 to 130.70): BGC





#12

2,2'-oxybis(1-Chloropropane)

Concen: 50.62 ng/ul

RT: 8.63 min Scan# 985

Delta R.T. -0.00 min

Lab File: BG020218.D

Acq: 16 Dec 2015 10:08

Instrument :

BNA_G

ClientSampleId :

G9BQ7

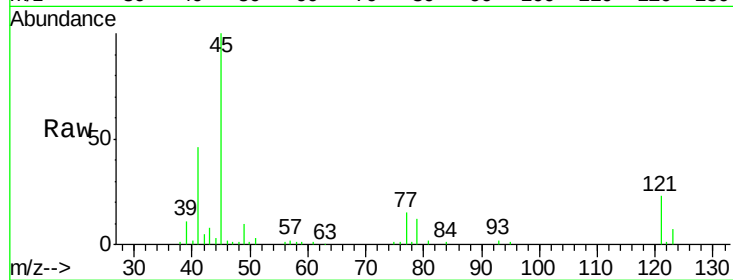
Tgt Ion: 45 Resp: 88747

Ion Ratio Lower Upper

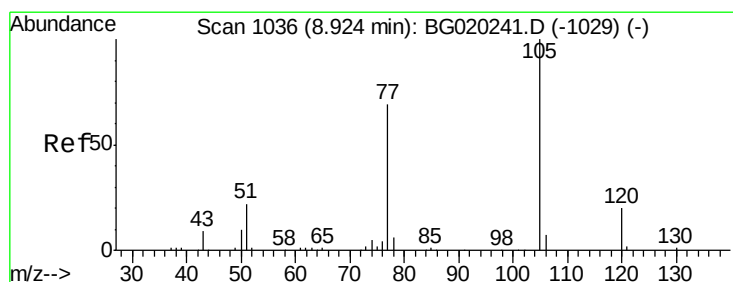
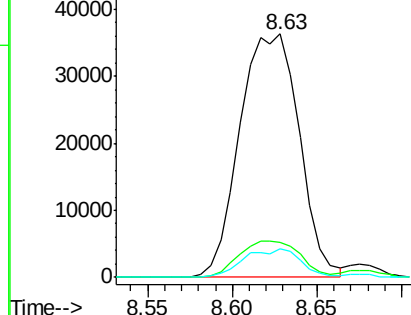
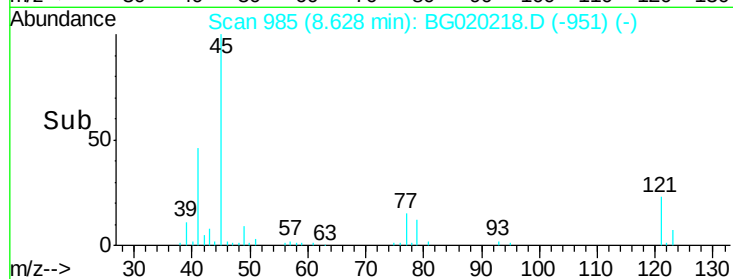
45 100

77 14.6 12.1 18.1

79 11.6 9.0 13.4



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC



#14

Acetophenone

Concen: 36.72 ng/ul

RT: 8.92 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BG020218.D

Acq: 16 Dec 2015 10:08

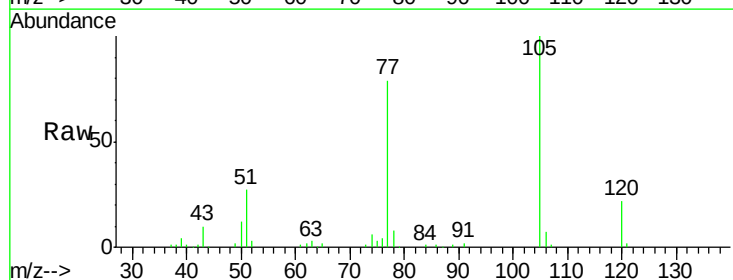
Tgt Ion: 105 Resp: 81470

Ion Ratio Lower Upper

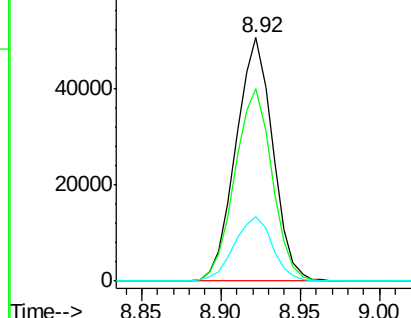
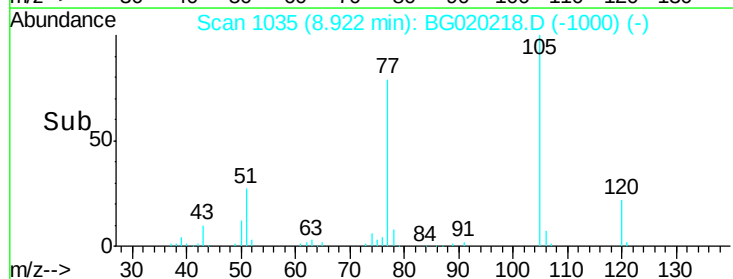
105 100

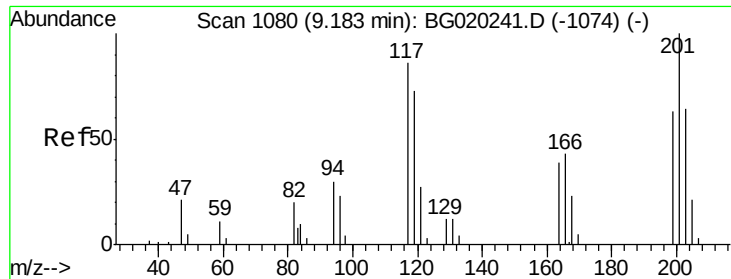
77 78.9 65.2 97.8

51 26.6 22.6 33.8



Abundance Ion 105.00 (104.70 to 105.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

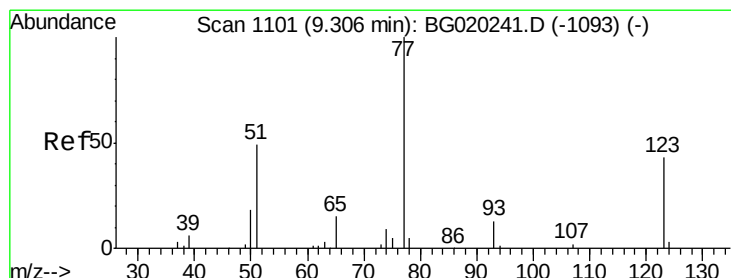
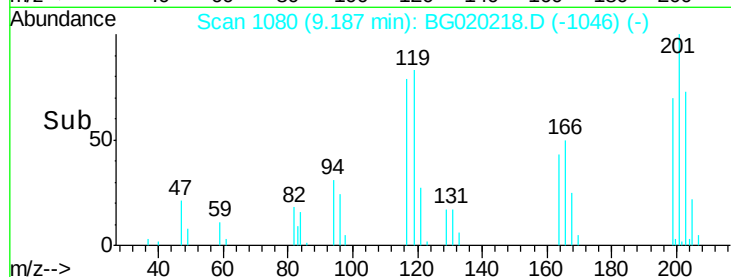
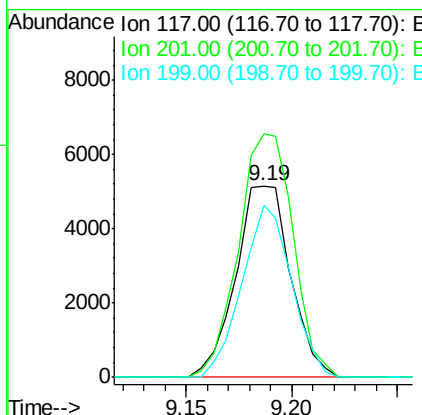
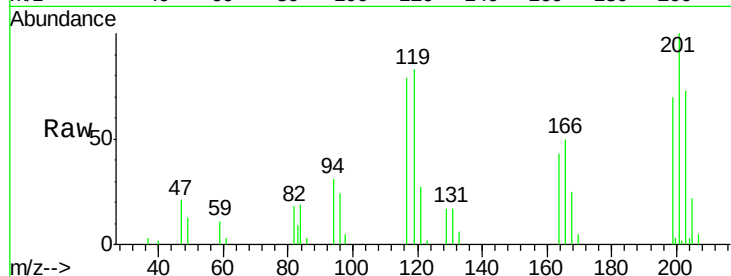




#17
 Hexachloroethane
 Concen: 17.50 ng/ul
 RT: 9.19 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: BG020218.D
 Acq: 16 Dec 2015 10:08

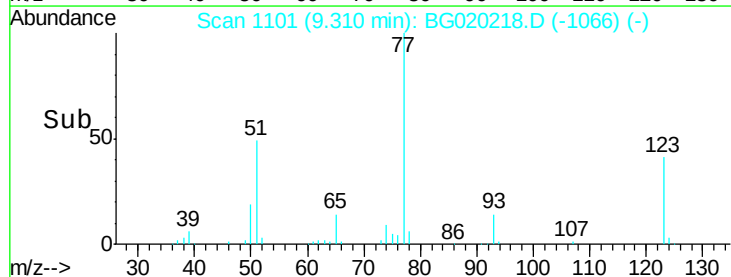
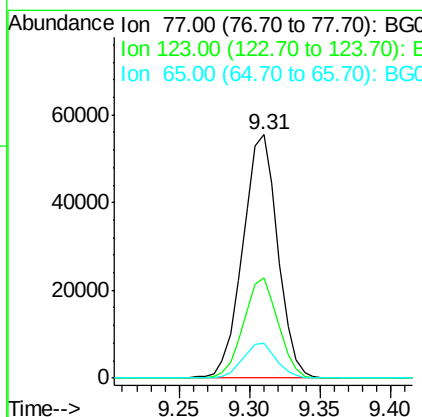
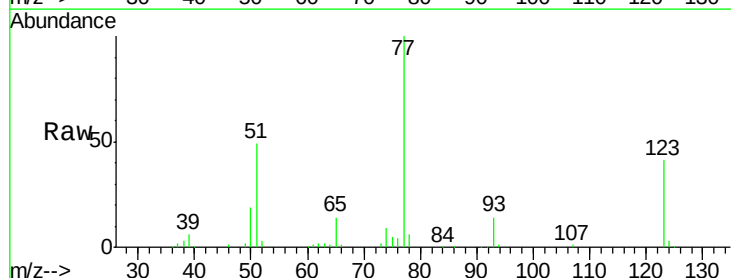
Instrument :
 BNA_G
 ClientSampleId :
 G9BQ7

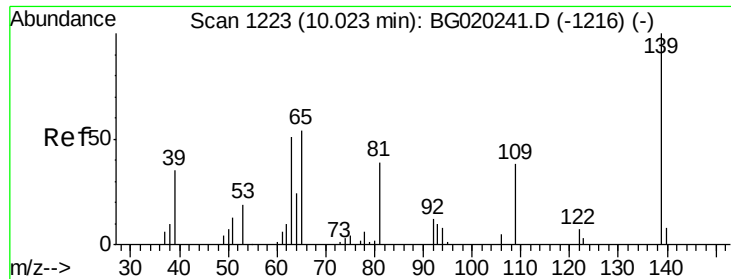
Tgt Ion: 117 Resp: 9279
 Ion Ratio Lower Upper
 117 100
 201 127.4 102.7 154.1
 199 93.5 65.8 98.8



#20
 Nitrobenzene
 Concen: 55.42 ng/ul
 RT: 9.31 min Scan# 1101
 Delta R.T. 0.00 min
 Lab File: BG020218.D
 Acq: 16 Dec 2015 10:08

Tgt Ion: 77 Resp: 96266
 Ion Ratio Lower Upper
 77 100
 123 41.1 33.4 50.0
 65 14.2 11.7 17.5

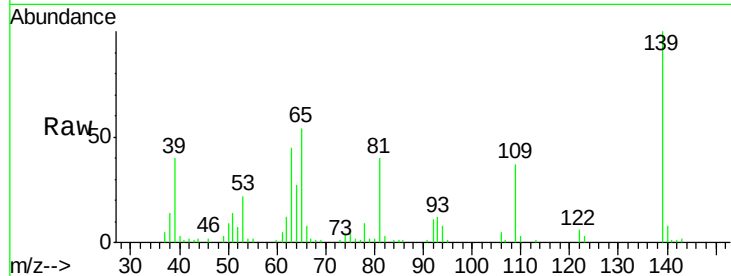




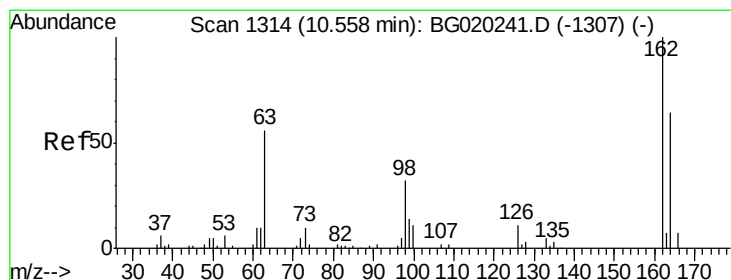
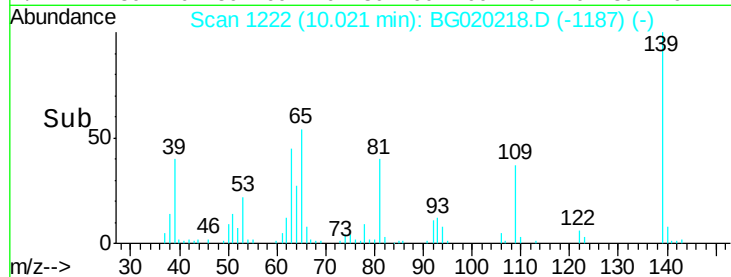
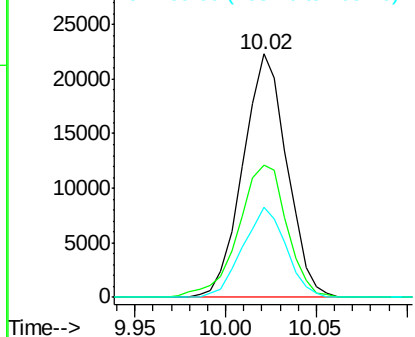
#23
 2-Nitrophenol
 Concen: 48.13 ng/ul
 RT: 10.02 min Scan# 1222
 Delta R.T. 0.00 min
 Lab File: BG020218.D
 Acq: 16 Dec 2015 10:08

Instrument :
 BNA_G
 ClientSampleId :
 G9BQ7

Tgt Ion:139 Resp: 37642
 Ion Ratio Lower Upper
 139 100
 65 54.4 45.1 67.7
 109 37.2 29.6 44.4

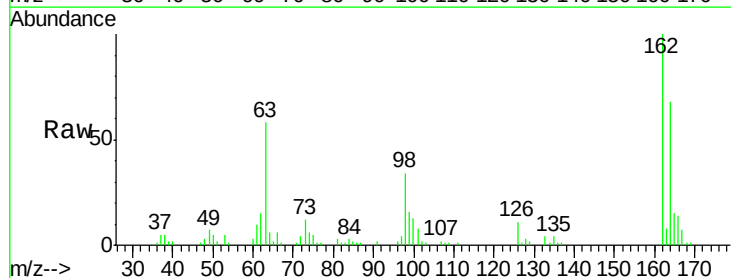


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 65.00 (64.70 to 65.70): BG
 Ion 109.00 (108.70 to 109.70): E

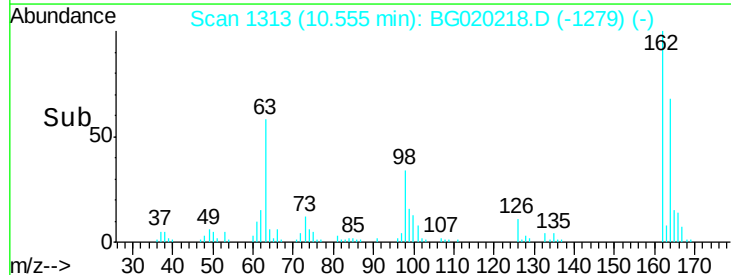
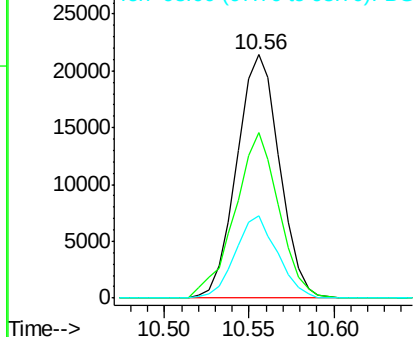


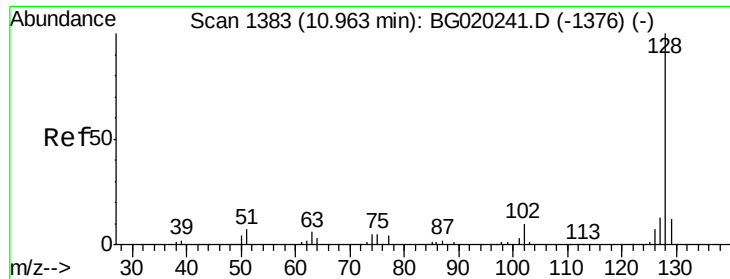
#27
 2,4-Dichlorophenol
 Concen: 24.84 ng/ul
 RT: 10.56 min Scan# 1313
 Delta R.T. -0.00 min
 Lab File: BG020218.D
 Acq: 16 Dec 2015 10:08

Tgt Ion:162 Resp: 37697
 Ion Ratio Lower Upper
 162 100
 164 67.9 48.2 72.2
 98 33.7 27.2 40.8



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): BG





#28

Naphthalene

Concen: 15.50 ng/ul

RT: 10.97 min Scan# 1383

Delta R.T. 0.00 min

Lab File: BG020218.D

Acq: 16 Dec 2015 10:08

Instrument :

BNA_G

ClientSampleId :

G9BQ7

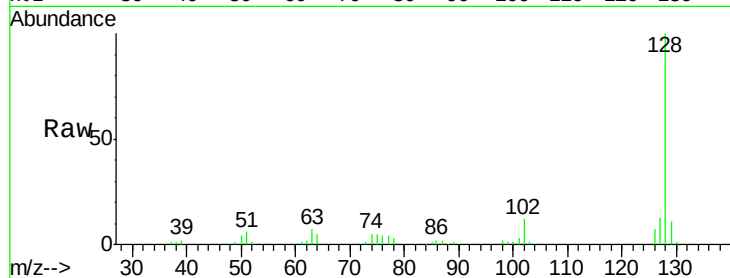
Tgt Ion:128 Resp: 68052

Ion Ratio Lower Upper

128 100

129 11.3 8.6 12.8

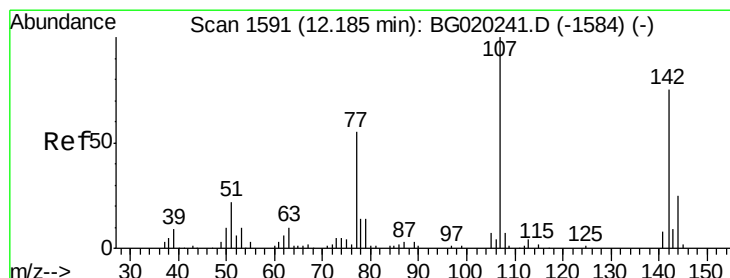
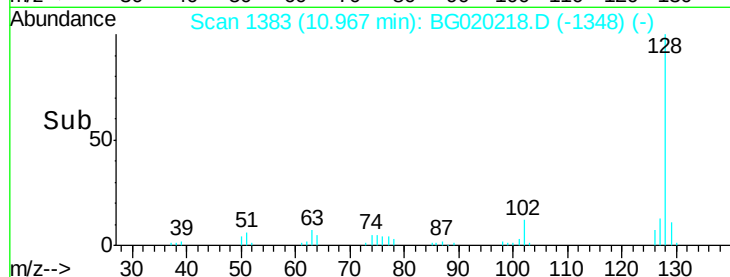
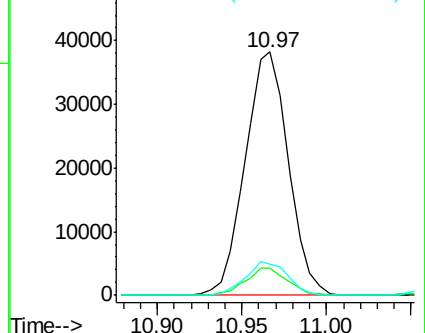
127 12.8 10.1 15.1



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



#33

4-Chloro-3-methylphenol

Concen: 49.70 ng/ul

RT: 12.18 min Scan# 1590

Delta R.T. -0.00 min

Lab File: BG020218.D

Acq: 16 Dec 2015 10:08

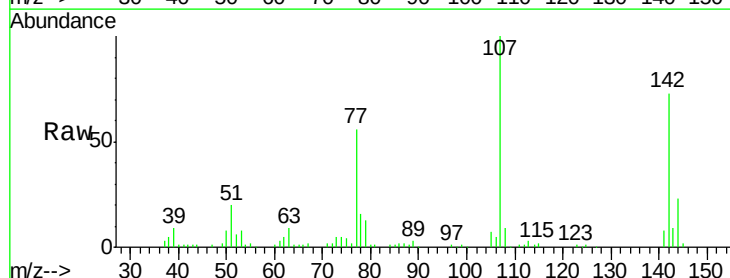
Tgt Ion:107 Resp: 89628

Ion Ratio Lower Upper

107 100

144 23.2 18.7 28.1

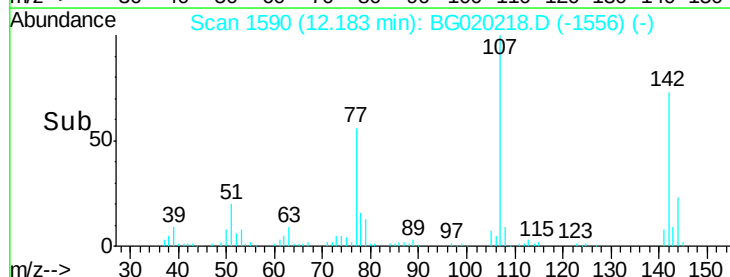
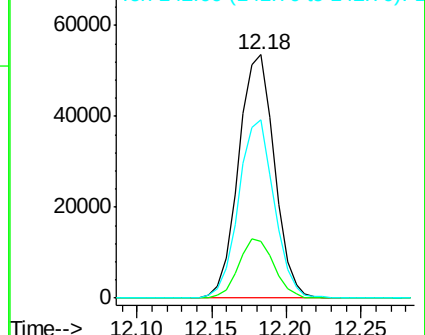
142 73.4 52.8 79.2

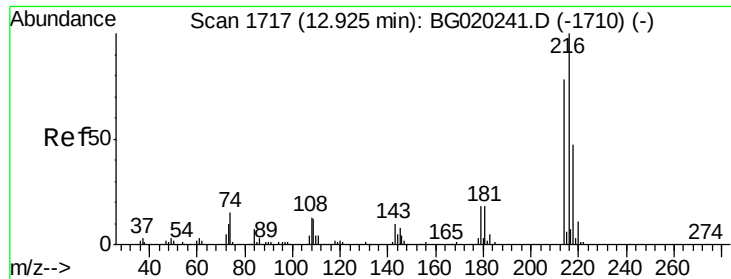


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

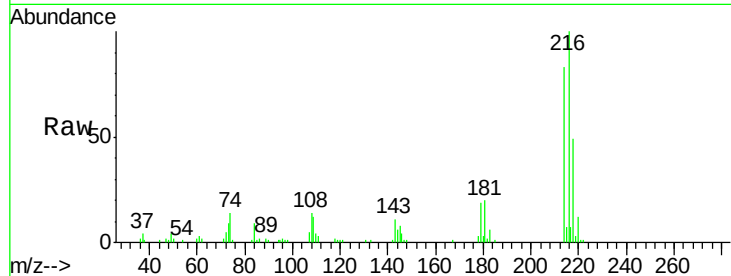




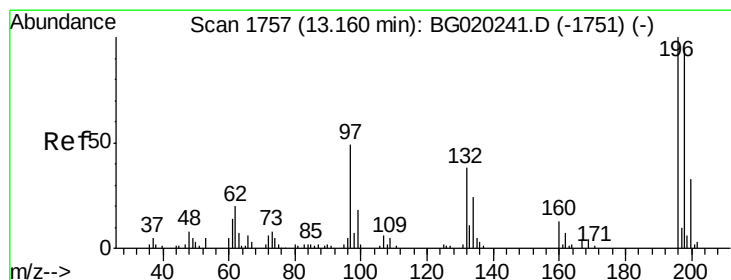
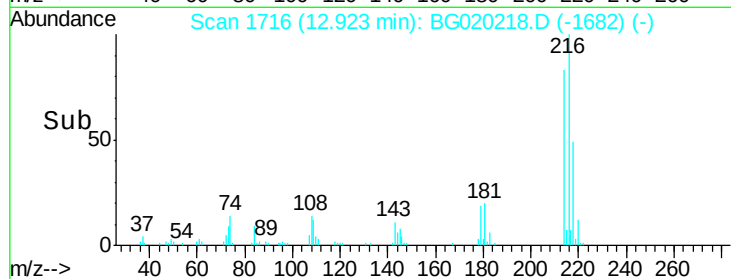
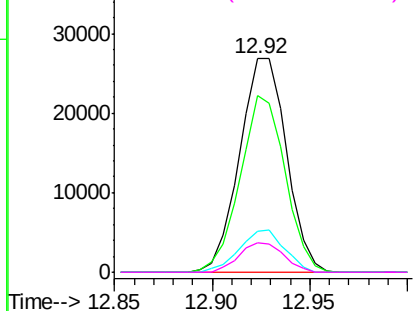
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 18.06 ng/ul
 RT: 12.92 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG020218.D
 Acq: 16 Dec 2015 10:08

Instrument :
 BNA_G
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 G9BQ7

Tgt Ion:	216	Resp:	44786
Ion	Ratio	Lower	Upper
216	100		
214	82.6	62.6	93.8
179	19.5	14.7	22.1
108	13.7	10.5	15.7

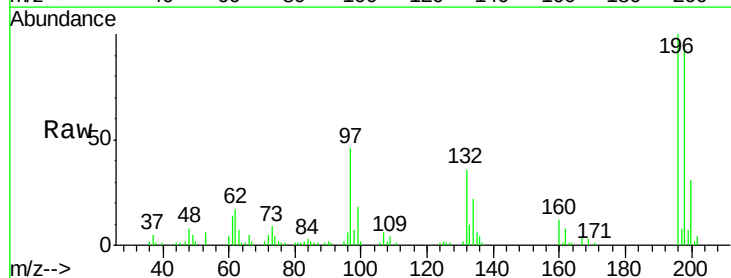


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

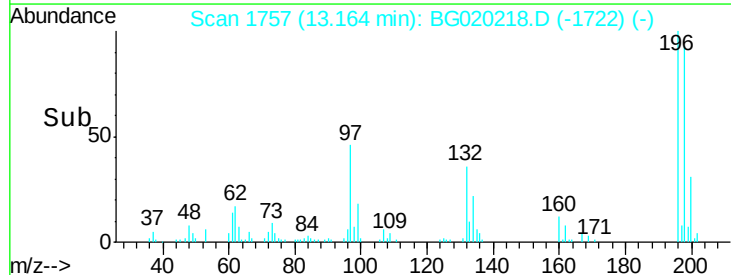
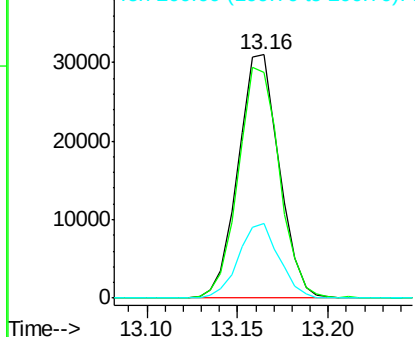


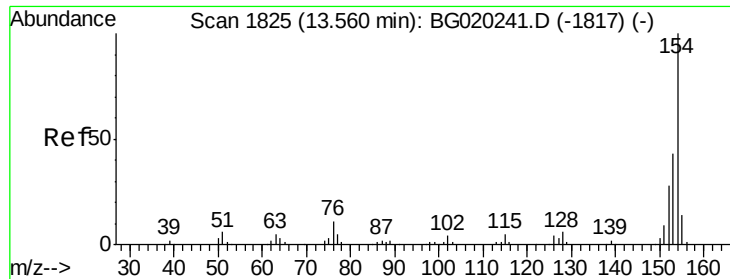
#39
 2,4,6-Trichlorophenol
 Concen: 30.82 ng/ul
 RT: 13.16 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: BG020218.D
 Acq: 16 Dec 2015 10:08

Tgt Ion:	196	Resp:	49034
Ion	Ratio	Lower	Upper
196	100		
198	93.0	75.9	113.9
200	30.9	25.8	38.8



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

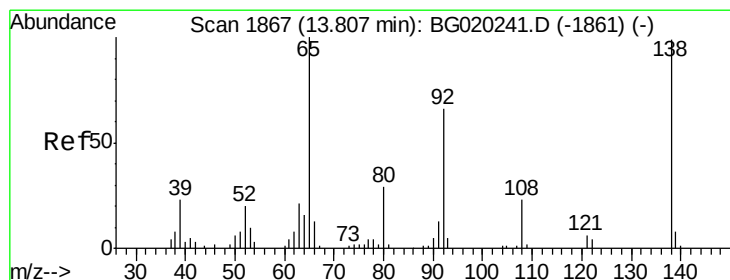
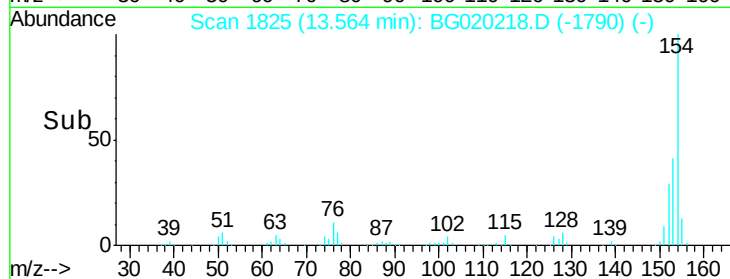
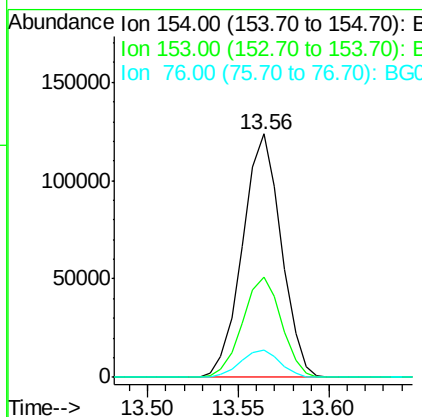
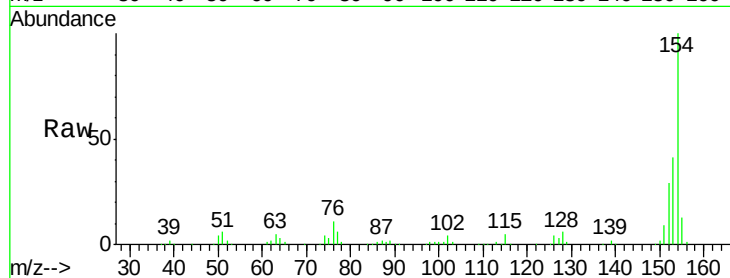




#41
 1,1'-Biphenyl
 Concen: 36.94 ng/ul
 RT: 13.56 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: BG020218.D
 Acq: 16 Dec 2015 10:08

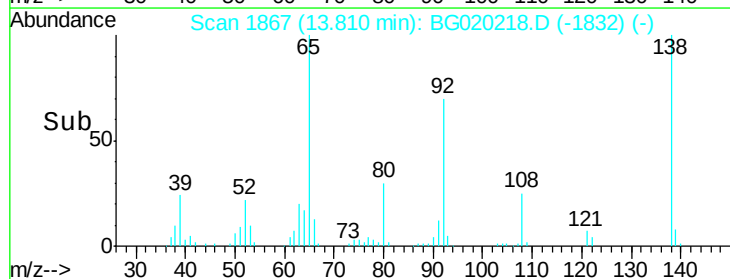
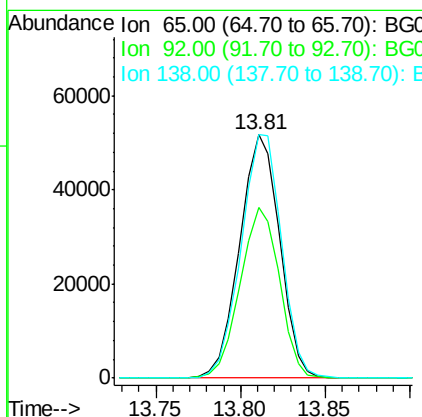
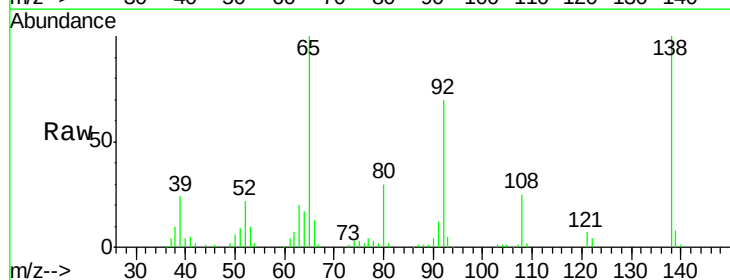
Instrument :
 BNA_G
 ClientSampleId :
 G9BQ7

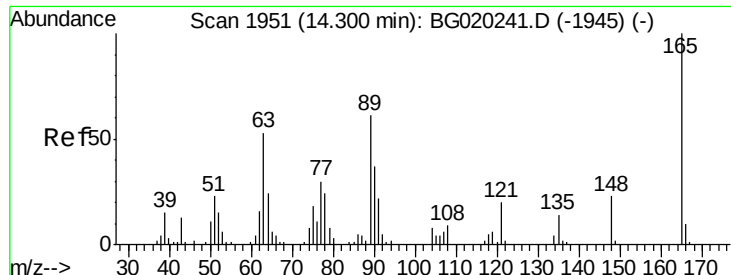
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	35.5	53.3
76	11.4	10.4	15.6



#43
 2-Nitroaniline
 Concen: 62.77 ng/ul
 RT: 13.81 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: BG020218.D
 Acq: 16 Dec 2015 10:08

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.8	53.1	79.7
138	99.9	76.6	114.8

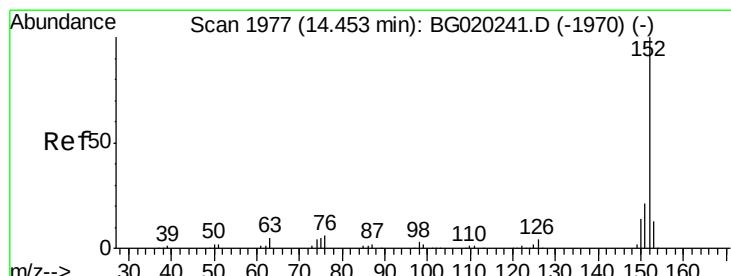
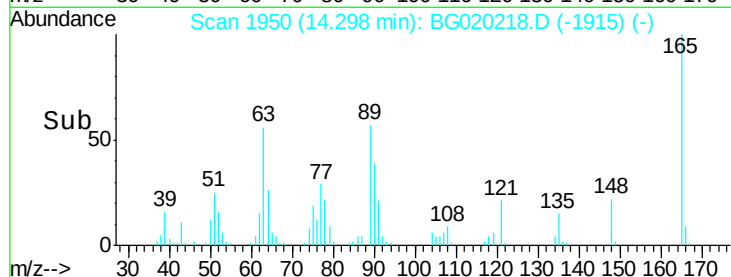
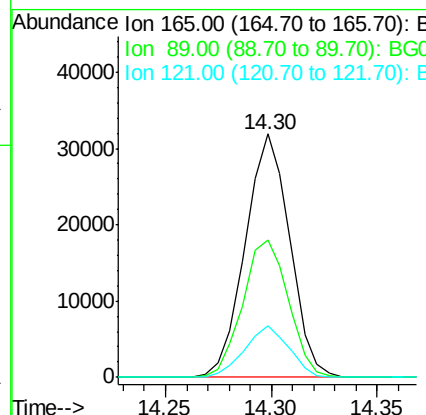
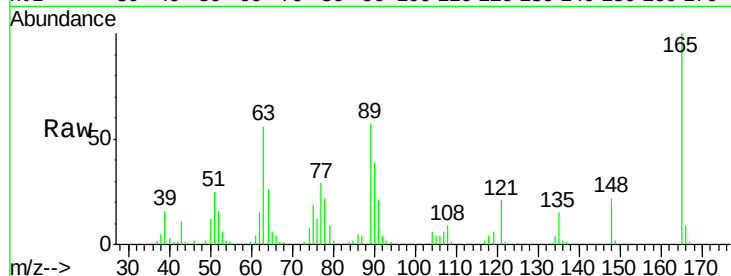




#46
 2,6-Dinitrotoluene
 Concen: 41.27 ng/ul
 RT: 14.30 min Scan# 1950
 Delta R.T. 0.00 min
 Lab File: BG020218.D
 Acq: 16 Dec 2015 10:08

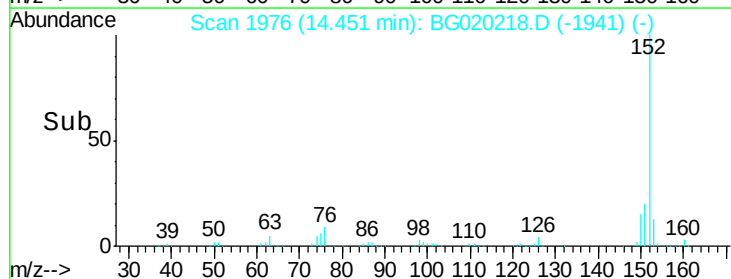
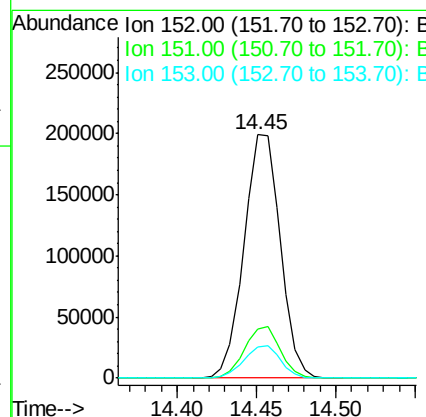
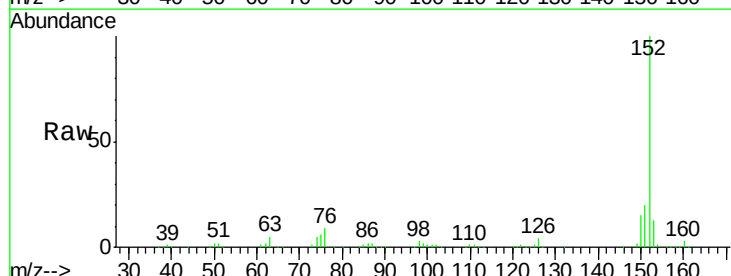
Instrument :
 BNA_G
 ClientSampleId :
 G9BQ7

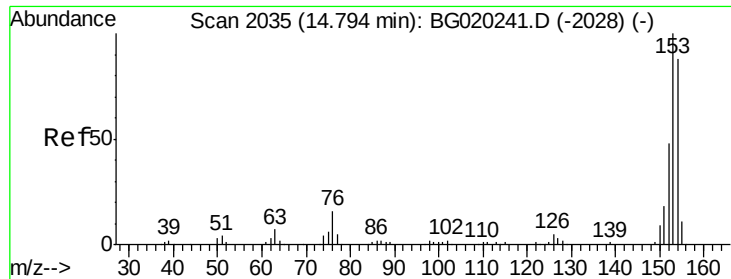
Tgt Ion	Ratio	Lower	Upper
165	100		
89	56.6	47.0	70.4
121	20.9	17.0	25.6



#48
 Acenaphthylene
 Concen: 47.93 ng/ul
 RT: 14.45 min Scan# 1976
 Delta R.T. 0.00 min
 Lab File: BG020218.D
 Acq: 16 Dec 2015 10:08

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.4	24.6
153	13.1	10.4	15.6





#50

Acenaphthene

Concen: 4.21 ng/ul

RT: 14.79 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BG020218.D

Acq: 16 Dec 2015 10:08

Instrument :

BNA_G

ClientSampleId :

G9BQ7

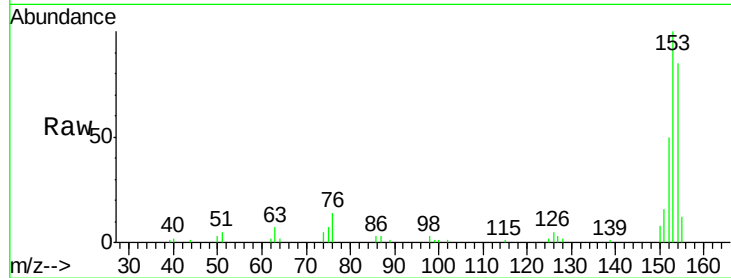
Tgt Ion:153 Resp: 18730

Ion Ratio Lower Upper

153 100

152 50.1 37.6 56.4

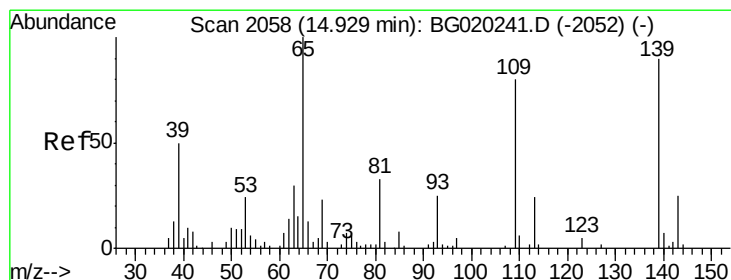
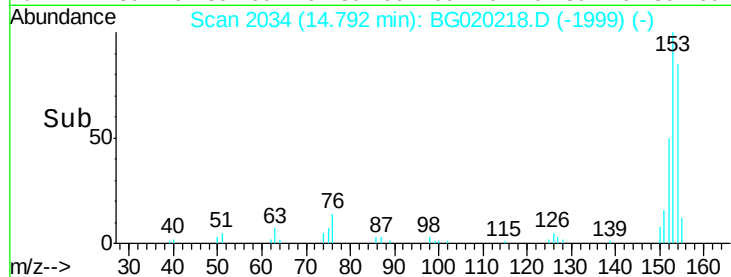
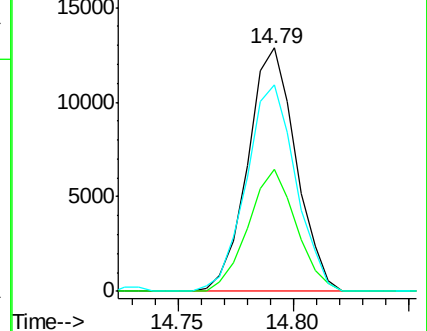
154 84.7 67.9 101.9



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#53

4-Nitrophenol

Concen: 59.57 ng/ul

RT: 14.94 min Scan# 2059

Delta R.T. 0.01 min

Lab File: BG020218.D

Acq: 16 Dec 2015 10:08

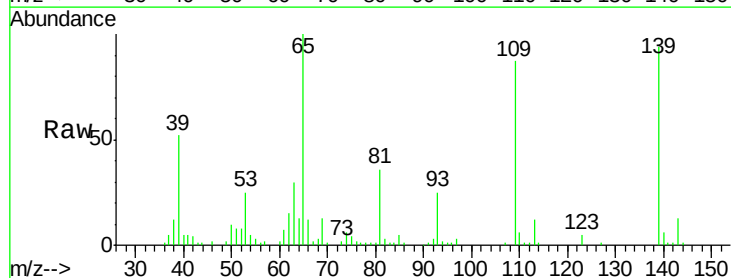
Tgt Ion:109 Resp: 54928

Ion Ratio Lower Upper

109 100

139 107.8 80.5 120.7

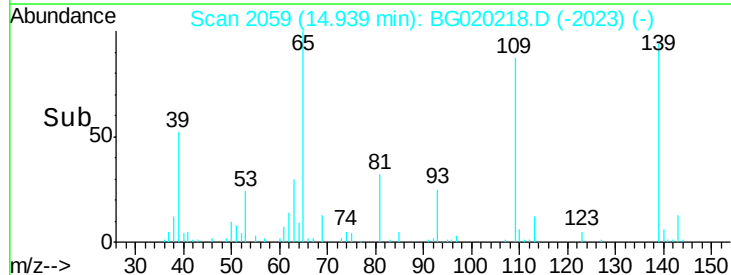
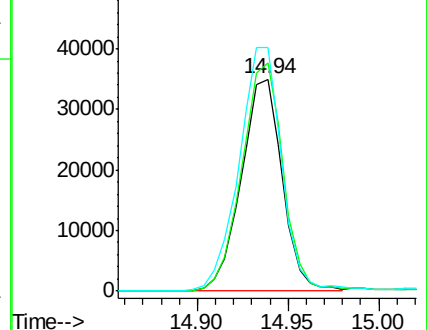
65 114.7 93.4 140.2

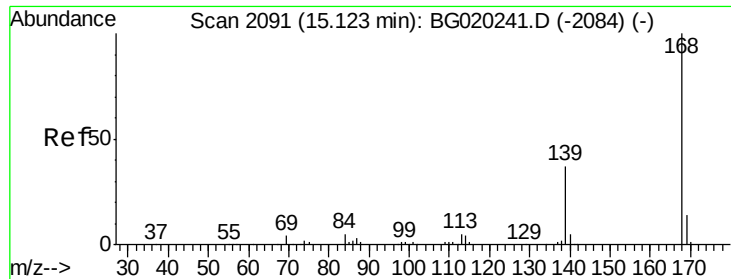


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BG

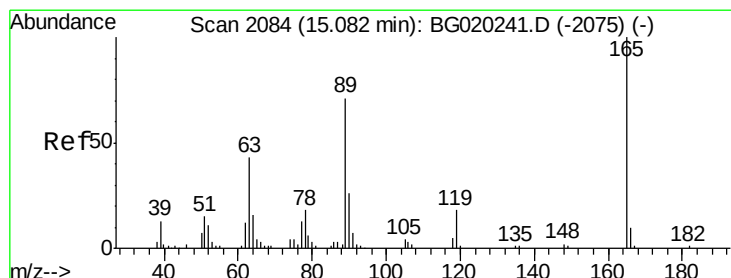
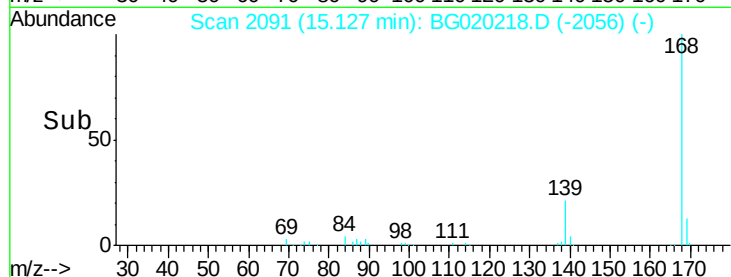
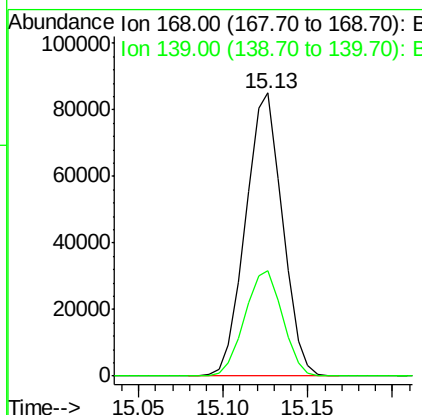
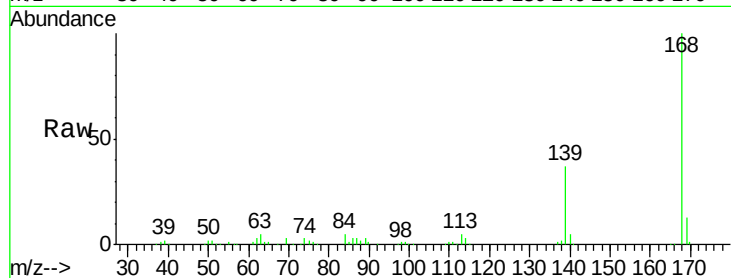




#54
Dibenzofuran
Concen: 19.55 ng/ul
RT: 15.13 min Scan# 2091
Delta R.T. 0.00 min
Lab File: BG020218.D
Acq: 16 Dec 2015 10:08

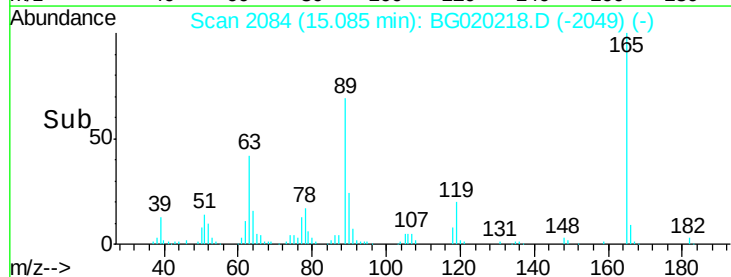
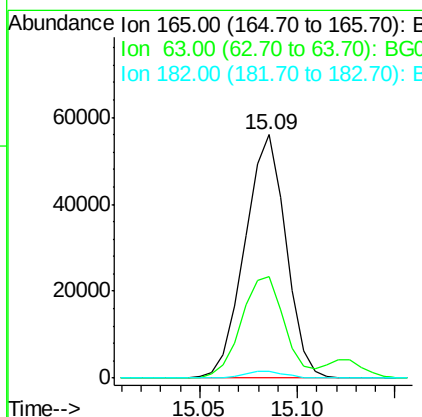
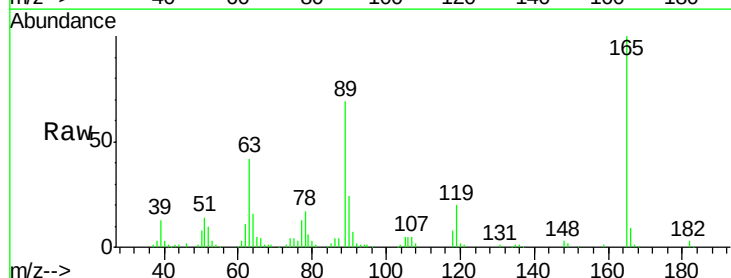
Instrument :
BNA_G
ClientSampleId :
G9BQ7

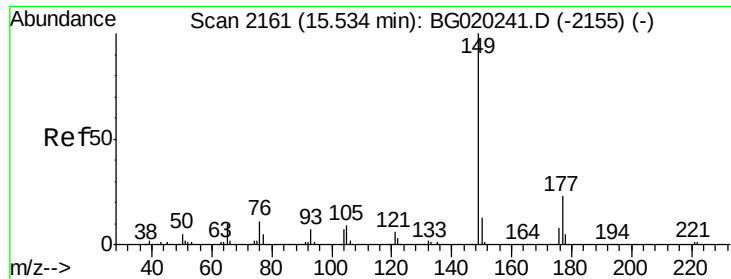
Tgt Ion:168 Resp: 129276
Ion Ratio Lower Upper
168 100
139 37.5 30.5 45.7



#55
2,4-Dinitrotoluene
Concen: 49.28 ng/ul
RT: 15.09 min Scan# 2084
Delta R.T. 0.00 min
Lab File: BG020218.D
Acq: 16 Dec 2015 10:08

Tgt Ion:165 Resp: 81682
Ion Ratio Lower Upper
165 100
63 41.8 35.8 53.8
182 2.6 2.2 3.2

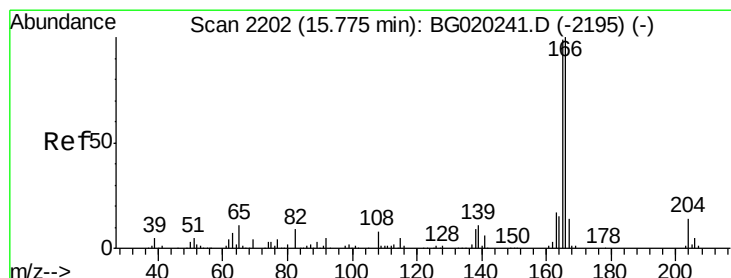
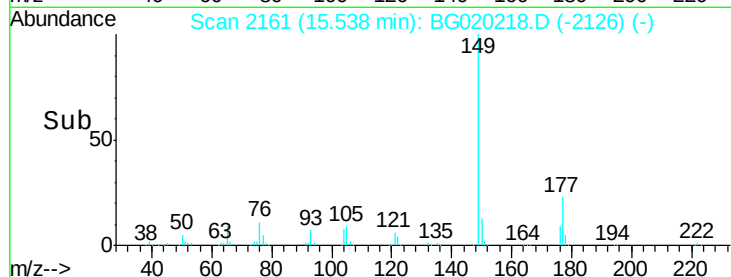
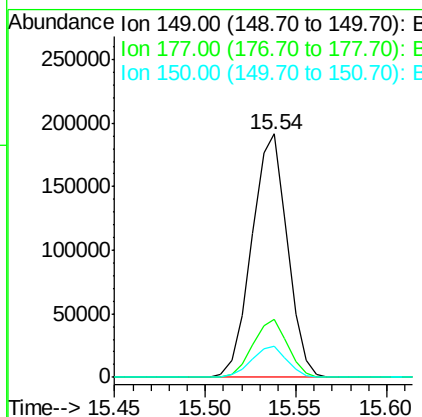
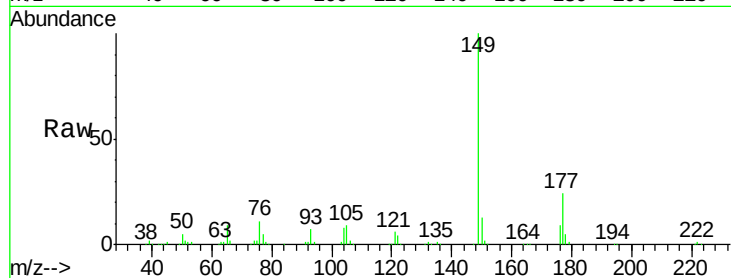




#57
Diethylphthalate
Concen: 45.95 ng/ul
RT: 15.54 min Scan# 2161
Delta R.T. 0.00 min
Lab File: BG020218.D
Acq: 16 Dec 2015 10:08

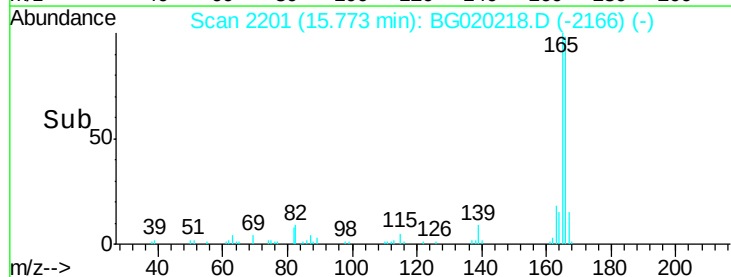
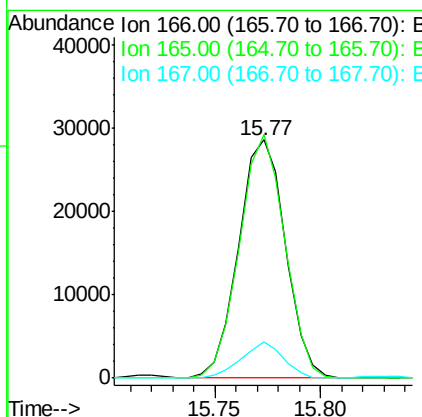
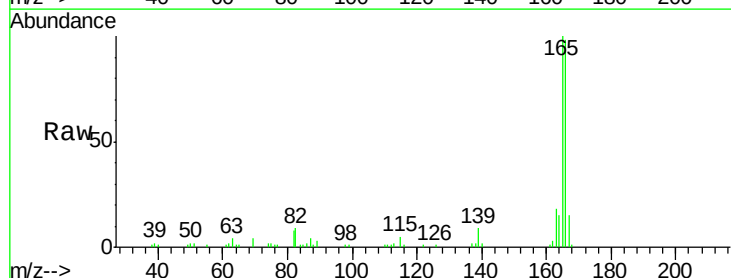
Instrument :
BNA_G
ClientSampleId :
G9BQ7

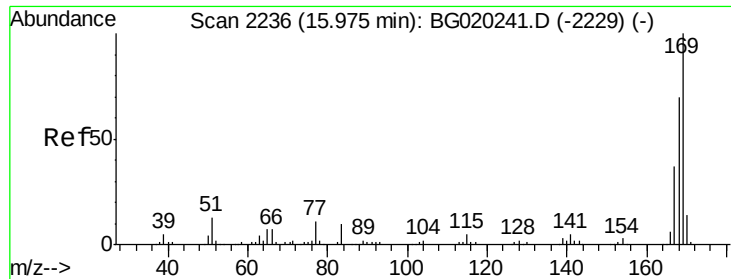
Tgt Ion:149 Resp: 260347
Ion Ratio Lower Upper
149 100
177 23.9 17.9 26.9
150 12.7 10.2 15.4



#59
Fluorene
Concen: 8.27 ng/ul
RT: 15.77 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BG020218.D
Acq: 16 Dec 2015 10:08

Tgt Ion:166 Resp: 43939
Ion Ratio Lower Upper
166 100
165 102.2 81.4 122.0
167 15.0 11.2 16.8

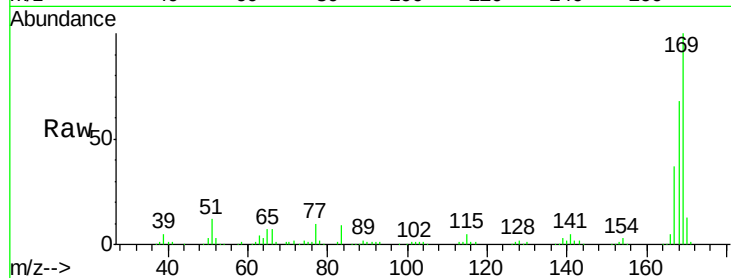




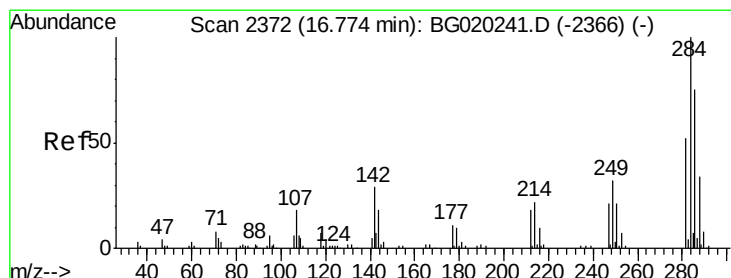
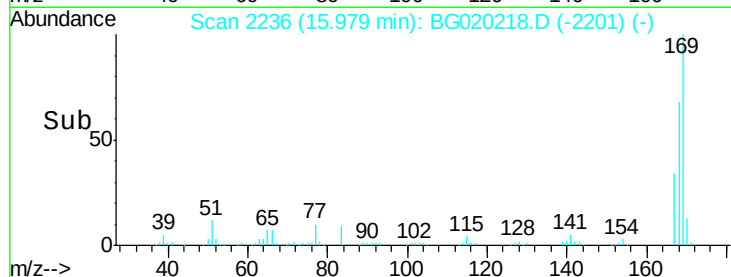
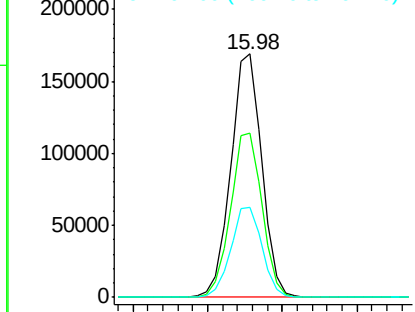
#65
N-Nitrosodiphenylamine
Concen: 50.86 ng/ul
RT: 15.98 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BG020218.D
Acq: 16 Dec 2015 10:08

Instrument :
BNA_G
ClientSampleId :
G9BQ7

Tgt Ion:169 Resp: 244489
Ion Ratio Lower Upper
169 100
168 67.7 54.3 81.5
167 36.9 31.8 47.8

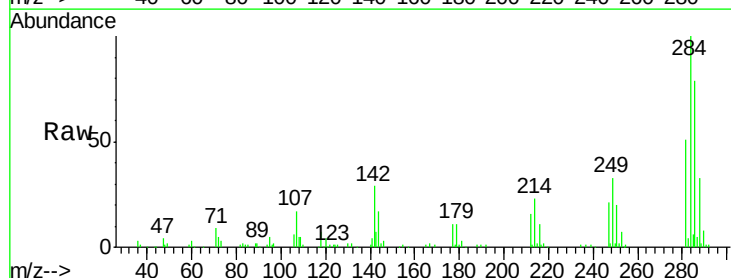


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

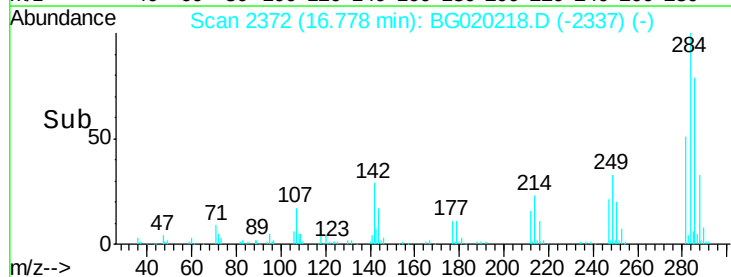
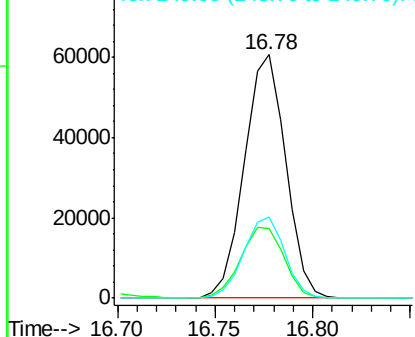


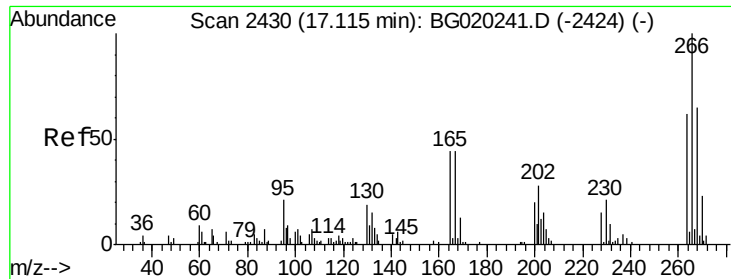
#67
Hexachlorobenzene
Concen: 40.82 ng/ul
RT: 16.78 min Scan# 2372
Delta R.T. 0.00 min
Lab File: BG020218.D
Acq: 16 Dec 2015 10:08

Tgt Ion:284 Resp: 88953
Ion Ratio Lower Upper
284 100
142 26.8 25.8 38.8
249 31.2 28.7 43.1



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: 44.07 ng/ul

RT: 17.12 min Scan# 2430

Delta R.T. 0.00 min

Lab File: BG020218.D

Acq: 16 Dec 2015 10:08

Instrument :

BNA_G

ClientSampleId :

G9BQ7

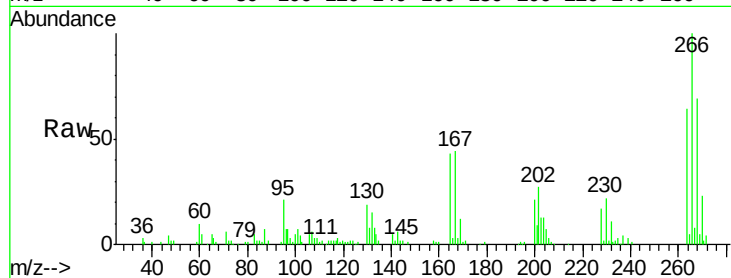
Tgt Ion:266 Resp: 57906

Ion Ratio Lower Upper

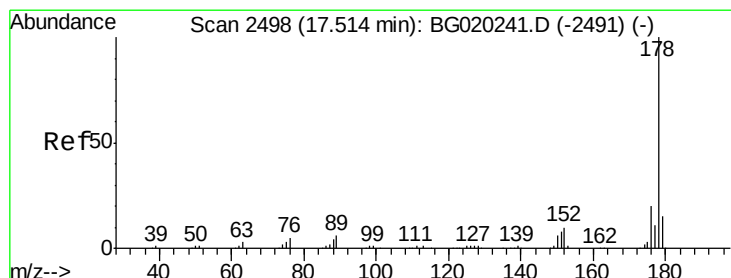
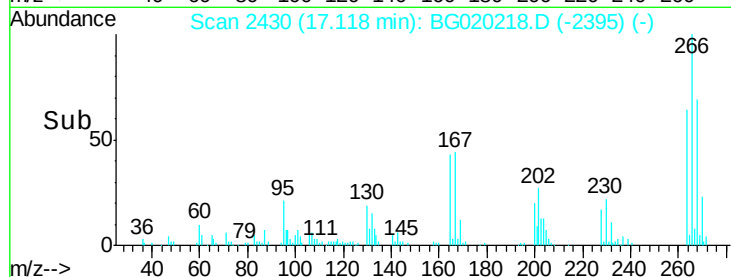
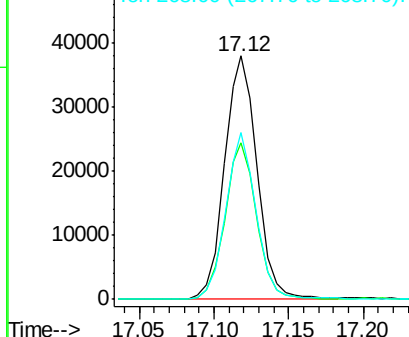
266 100

264 64.1 52.2 78.2

268 68.6 49.3 73.9



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: 31.66 ng/ul

RT: 17.51 min Scan# 2497

Delta R.T. -0.00 min

Lab File: BG020218.D

Acq: 16 Dec 2015 10:08

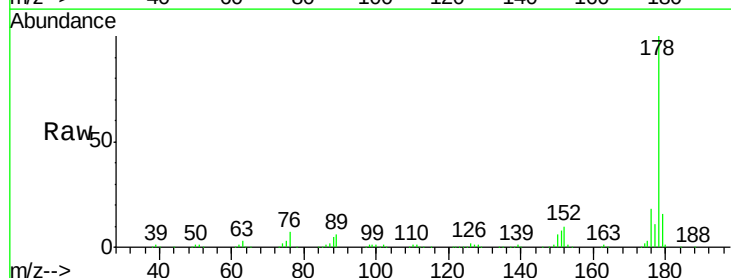
Tgt Ion:178 Resp: 299364

Ion Ratio Lower Upper

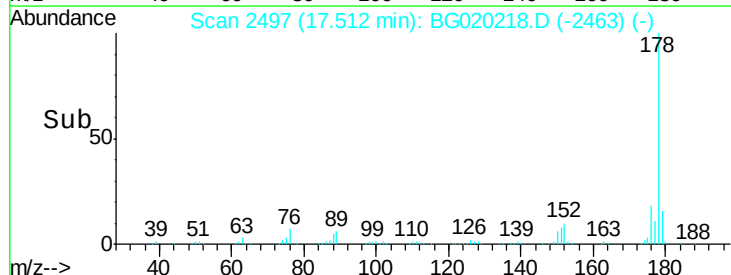
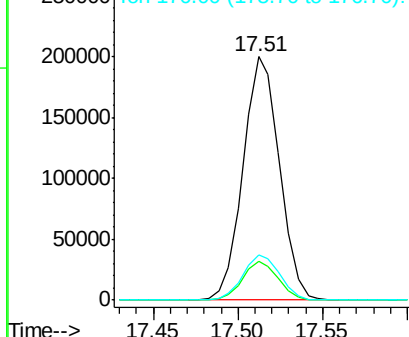
178 100

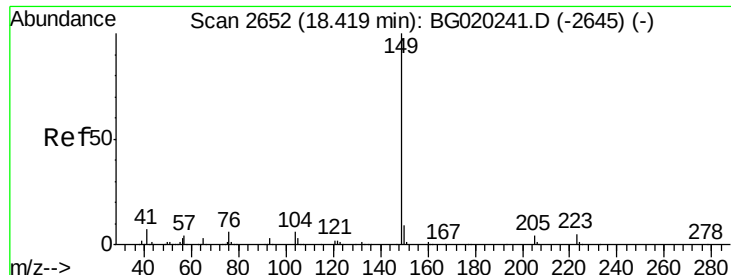
179 15.8 12.9 19.3

176 18.5 15.3 22.9



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





#76

Di-n-butylphthalate

Concen: 40.76 ng/ul

RT: 18.42 min Scan# 2652

Delta R.T. 0.00 min

Lab File: BG020218.D

Acq: 16 Dec 2015 10:08

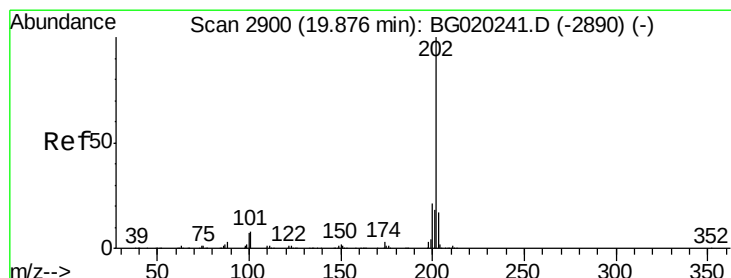
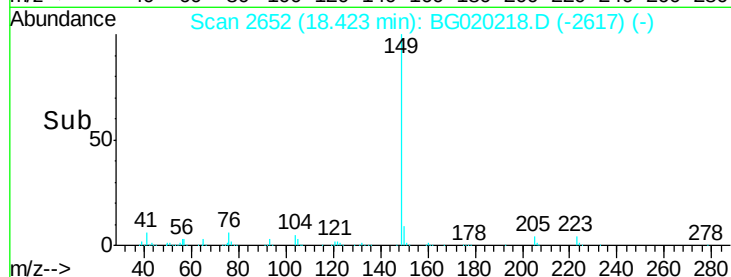
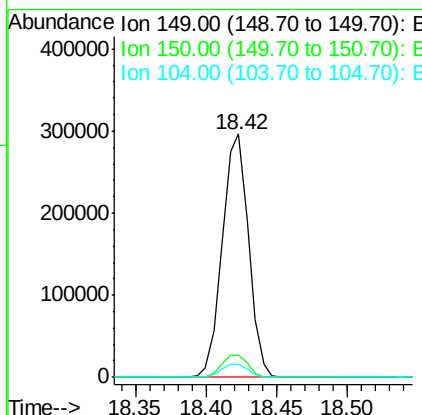
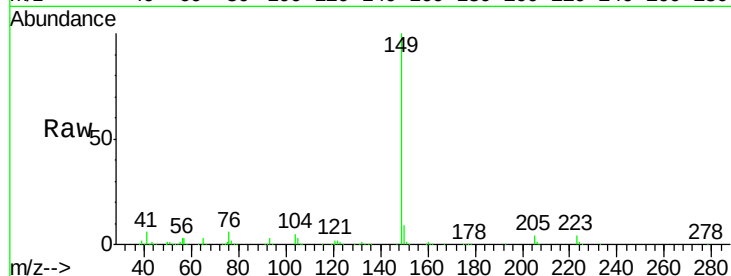
Instrument :

BNA_G

ClientSampleId :

G9BQ7

Tgt Ion:	149	Resp:	381715
Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.7	11.5
104	5.4	4.2	6.4



#80

Pyrene

Concen: 15.56 ng/ul

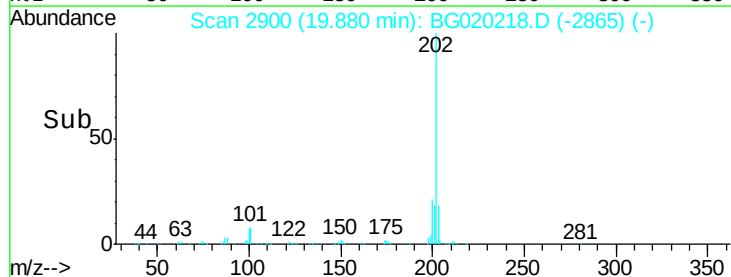
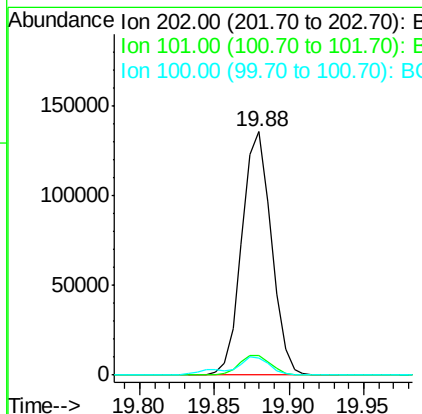
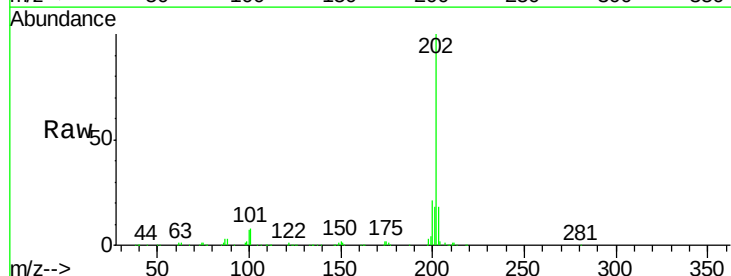
RT: 19.88 min Scan# 2900

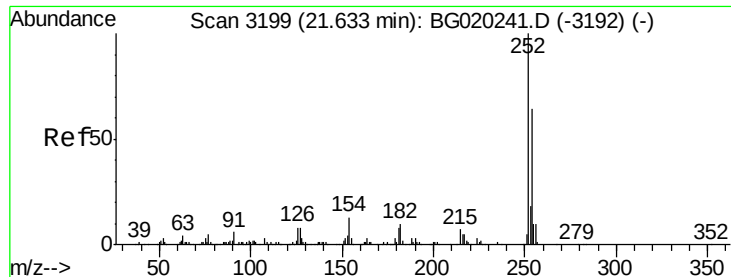
Delta R.T. 0.00 min

Lab File: BG020218.D

Acq: 16 Dec 2015 10:08

Tgt Ion:	202	Resp:	185721
Ion	Ratio	Lower	Upper
202	100		
101	8.3	7.0	10.4
100	7.3	6.4	9.6





#82

3,3'-Dichlorobenzidine

Concen: 11.29 ng/ul

RT: 21.64 min Scan# 3199

Delta R.T. 0.00 min

Lab File: BG020218.D

Acq: 16 Dec 2015 10:08

Instrument :

BNA_G

ClientSampleId :

G9BQ7

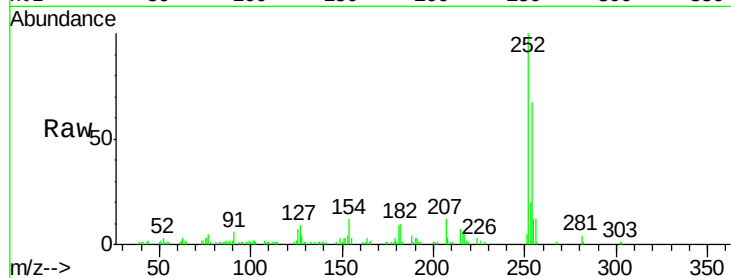
Tgt Ion:252 Resp: 40668

Ion Ratio Lower Upper

252 100

254 66.8 49.3 73.9

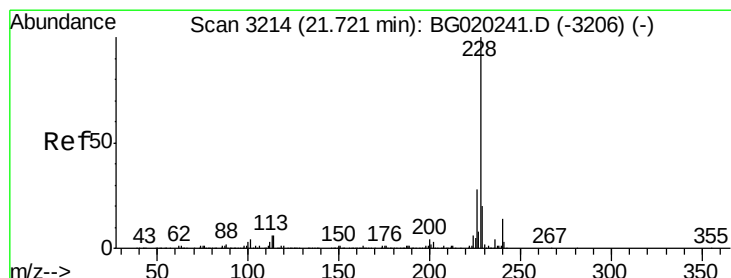
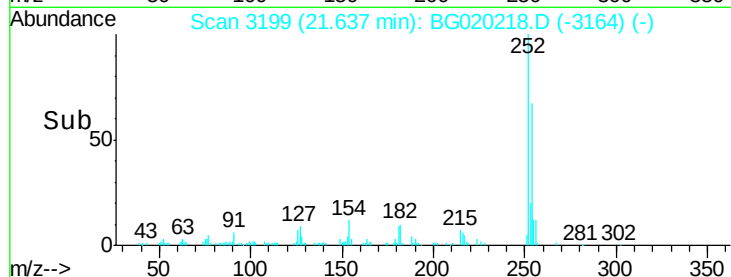
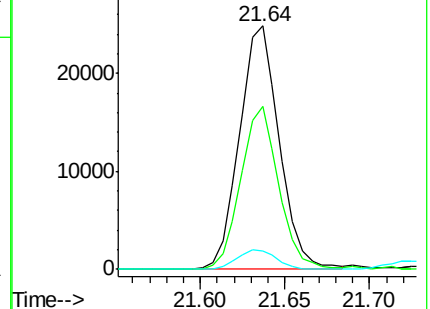
126 7.4 6.5 9.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83

Benzo(a)anthracene

Concen: 39.47 ng/ul

RT: 21.72 min Scan# 3214

Delta R.T. 0.00 min

Lab File: BG020218.D

Acq: 16 Dec 2015 10:08

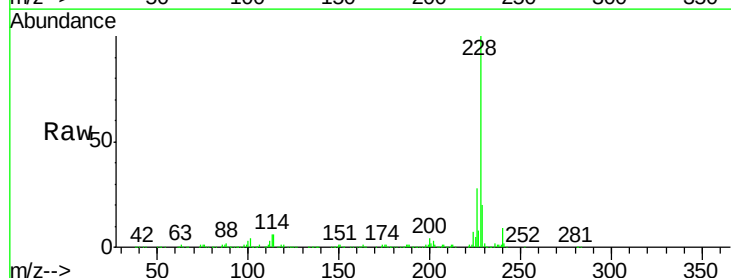
Tgt Ion:228 Resp: 454193

Ion Ratio Lower Upper

228 100

229 20.1 15.8 23.8

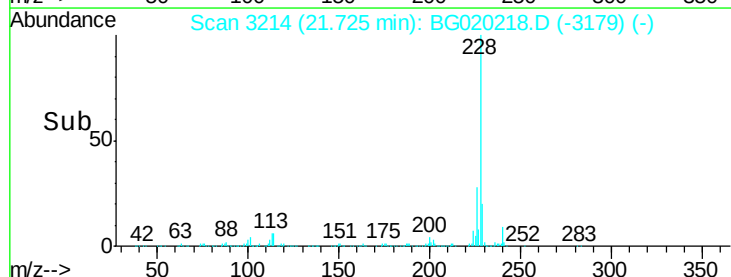
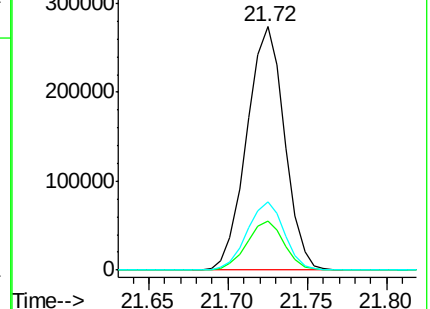
226 28.1 21.8 32.6

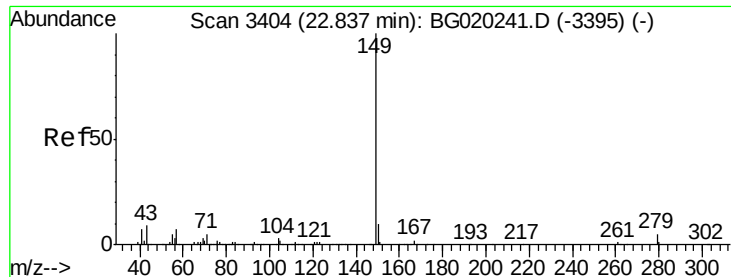


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

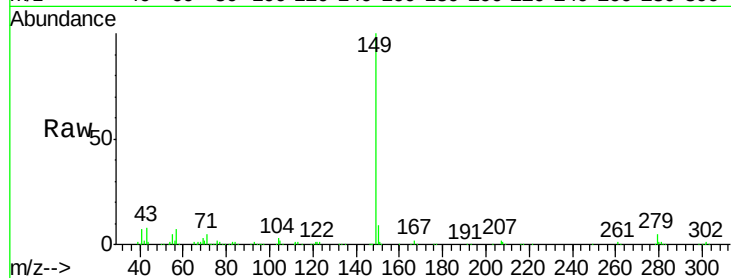




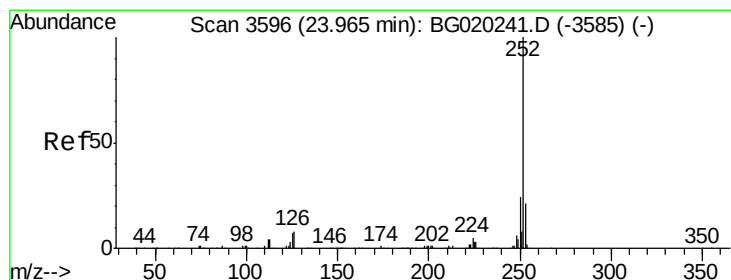
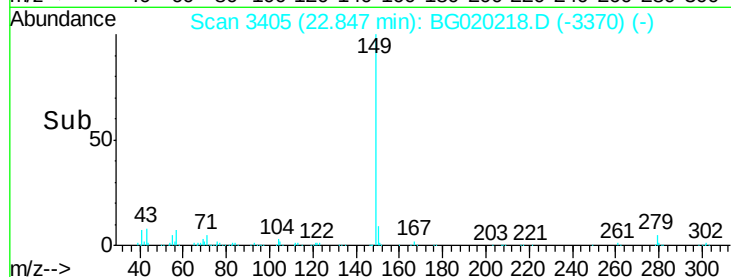
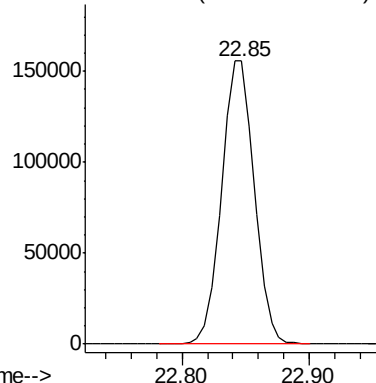
#87
Di-n-octyl phthalate
Concen: 27.99 ng/ul
RT: 22.85 min Scan# 3405
Delta R.T. 0.00 min
Lab File: BG020218.D
Acq: 16 Dec 2015 10:08

Instrument :
BNA_G
ClientSampleId :
G9BQ7

Tgt Ion:149 Resp: 279168

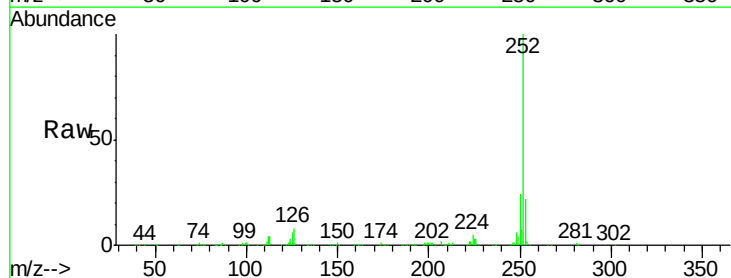


Abundance Ion 149.00 (148.70 to 149.70): E

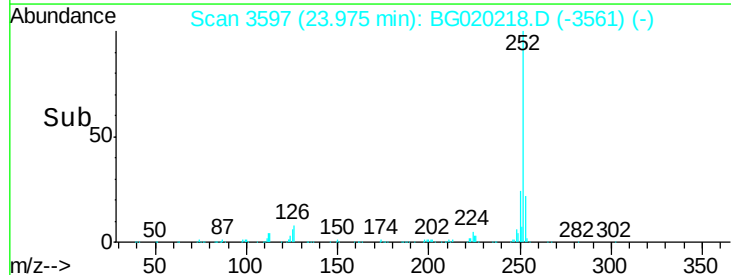
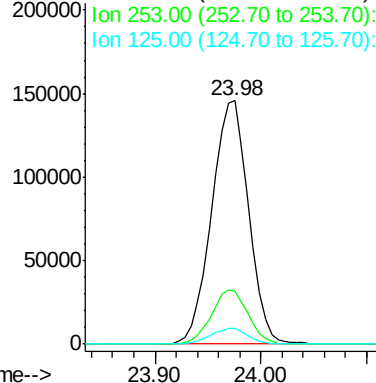


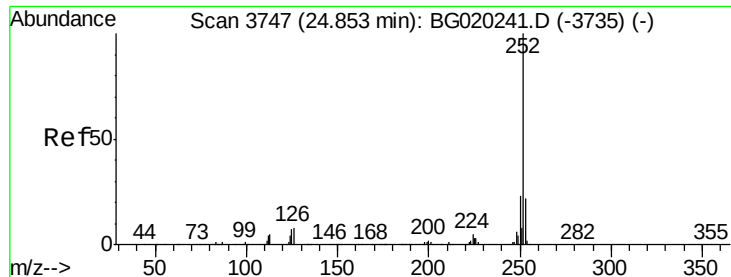
#88
Benzo(b)fluoranthene
Concen: 32.41 ng/ul
RT: 23.98 min Scan# 3597
Delta R.T. 0.01 min
Lab File: BG020218.D
Acq: 16 Dec 2015 10:08

Tgt Ion:252 Resp: 353996
Ion Ratio Lower Upper
252 100
253 21.8 16.7 25.1
125 6.5 6.2 9.2



Abundance Ion 252.00 (251.70 to 252.70): E





#91

Benzo(a)pyrene

Concen: 19.85 ng/ul

RT: 24.86 min Scan# 3747

Delta R.T. 0.00 min

Lab File: BG020218.D

Acq: 16 Dec 2015 10:08

Instrument :

BNA_G

ClientSampleId :

G9BQ7

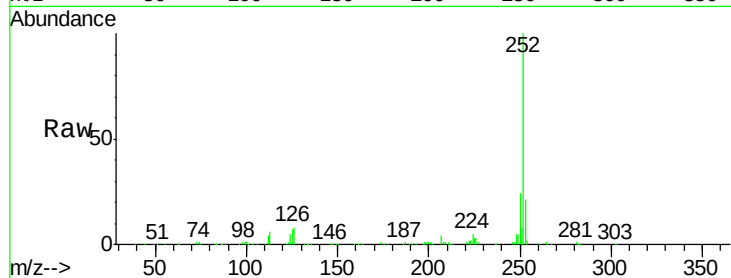
Tgt Ion:252 Resp: 205570

Ion Ratio Lower Upper

252 100

253 21.2 17.0 25.4

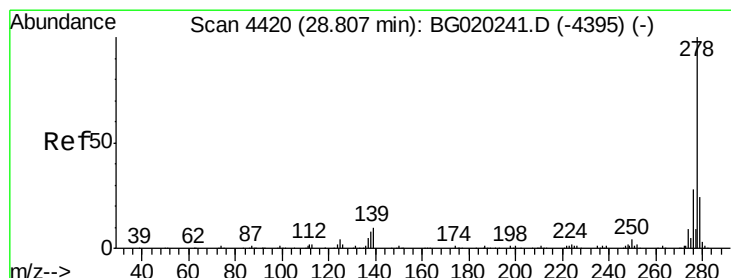
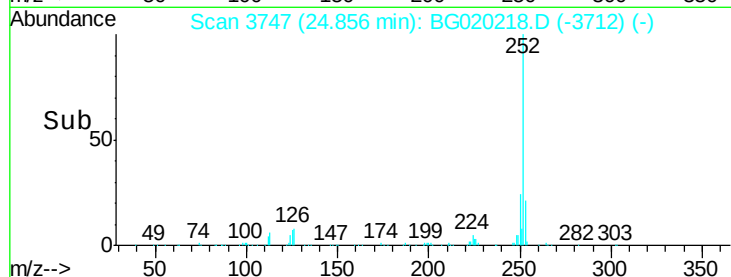
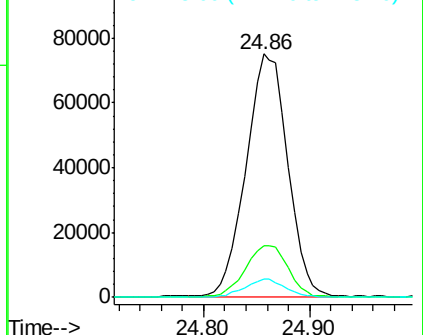
125 7.3 6.2 9.4



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



#93

Dibenzo(a,h)anthracene

Concen: 47.92 ng/ul

RT: 28.82 min Scan# 4421

Delta R.T. 0.02 min

Lab File: BG020218.D

Acq: 16 Dec 2015 10:08

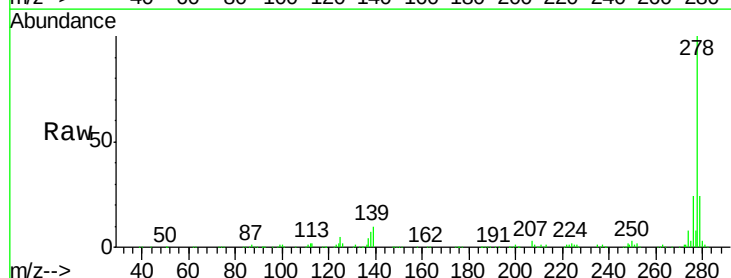
Tgt Ion:278 Resp: 490484

Ion Ratio Lower Upper

278 100

139 10.0 9.4 14.2

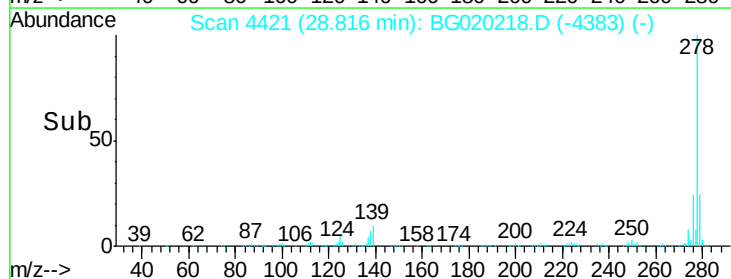
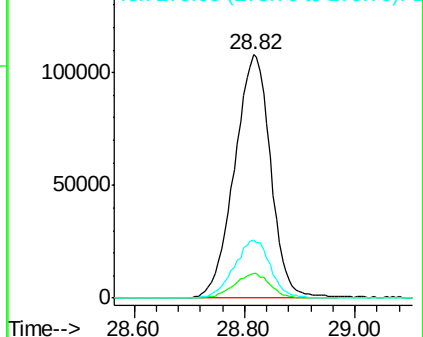
279 24.0 19.4 29.0

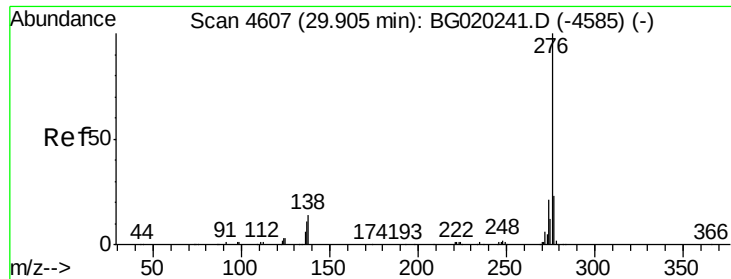


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#94

Benzo(g,h,i)perylene

Concen: 24.21 ng/ul

RT: 29.92 min Scan# 4608

Delta R.T. 0.02 min

Lab File: BG020218.D

Acq: 16 Dec 2015 10:08

Instrument :

BNA_G

ClientSampleId :

G9BQ7

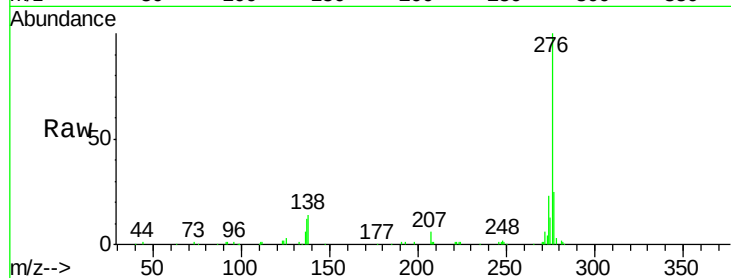
Tgt Ion:276 Resp: 244700

Ion Ratio Lower Upper

276 100

138 14.4 10.8 16.2

277 25.0 19.9 29.9



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

