

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021616\
 Data File : BG020911.D
 Acq On : 16 Feb 2016 16:45
 Operator : SJ/UM
 Sample : H1454-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9QT5

Quant Time: Feb 17 00:10:59 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG020816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 17 00:00:25 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	20268	20.00	ng/ul	0.00
18) Naphthalene-d8	11.09	136	104872	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.87	164	64604	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.61	188	143291	20.00	ng/ul	0.00
78) Chrysene-d12	21.89	240	131980	20.00	ng/ul	0.00
86) Perylene-d12	25.27	264	120783	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.60	96	2668	6.39	ng/uL	0.00
5) Phenol-d5	7.40	99	70241	34.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.57	67	37505	34.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.79	132	58059	36.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	61915	34.69	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	30651	36.42	ng/ul	0.00
22) 2-Nitrophenol-d4	10.16	143	33366	39.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	59164	36.73	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	23556	10.98	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	204682	36.82	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	247602	36.46	ng/ul	0.00
52) 4-Nitrophenol-d4	15.05	143	41064	36.90	ng/ul	0.00
58) Fluorene-d10	15.86	176	176107	37.23	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	30033	43.25	ng/ul	0.00
71) Anthracene-d10	17.71	188	263967	37.28	ng/ul	0.00
79) Pyrene-d10	19.97	212	252984	37.28	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.04	264	253714	37.91	ng/ul	0.01

Target Compounds

						Qvalue
6) Phenol	7.43	94	43641	20.08	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.67	93	100164	60.14	ng/ul	97
11) 2-Methylphenol	8.70	108	103726	60.33	ng/ul	98
15) N-Nitroso-di-n-propylamine	9.07	70	81535	59.72	ng/ul	98
16) 4-Methylphenol	9.02	108	113608	59.55	ng/ul	93
17) Hexachloroethane	9.36	117	25290	41.06	ng/ul	93
21) Isophorone	10.00	82	153163	38.82	ng/ul	98
24) 2,4-Dimethylphenol	10.24	107	85214	43.46	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.47	93	122002	48.72	ng/ul	98
27) 2,4-Dichlorophenol	10.73	162	29714	17.58	ng/ul	96
28) Naphthalene	11.14	128	145136	24.92	ng/ul	99
31) Hexachlorobutadiene	11.42	225	52339	64.95	ng/ul	100
32) Caprolactam	11.99	113	30972	45.20	ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	13.08	216	76034	41.28	ng/ul	98
38) Hexachlorocyclopentadiene	13.06	237	39266	39.08	ng/ul	97
40) 2,4,5-Trichlorophenol	13.39	196	64699	43.90	ng/ul	98
42) 2-Chloronaphthalene	13.76	162	88782	21.06	ng/ul	99
45) Dimethylphthalate	14.32	163	122611	21.18	ng/ul	98
48) Acenaphthylene	14.60	152	182022	24.43	ng/ul	99
49) 3-Nitroaniline	14.78	138	14206	11.08	ng/ul	97
50) Acenaphthene	14.94	153	183862	35.33	ng/ul	98
51) 2,4-Dinitrophenol	14.97	184	26059	58.49	ng/ul	95
54) Dibenzofuran	15.27	168	138702	20.52	ng/ul	99

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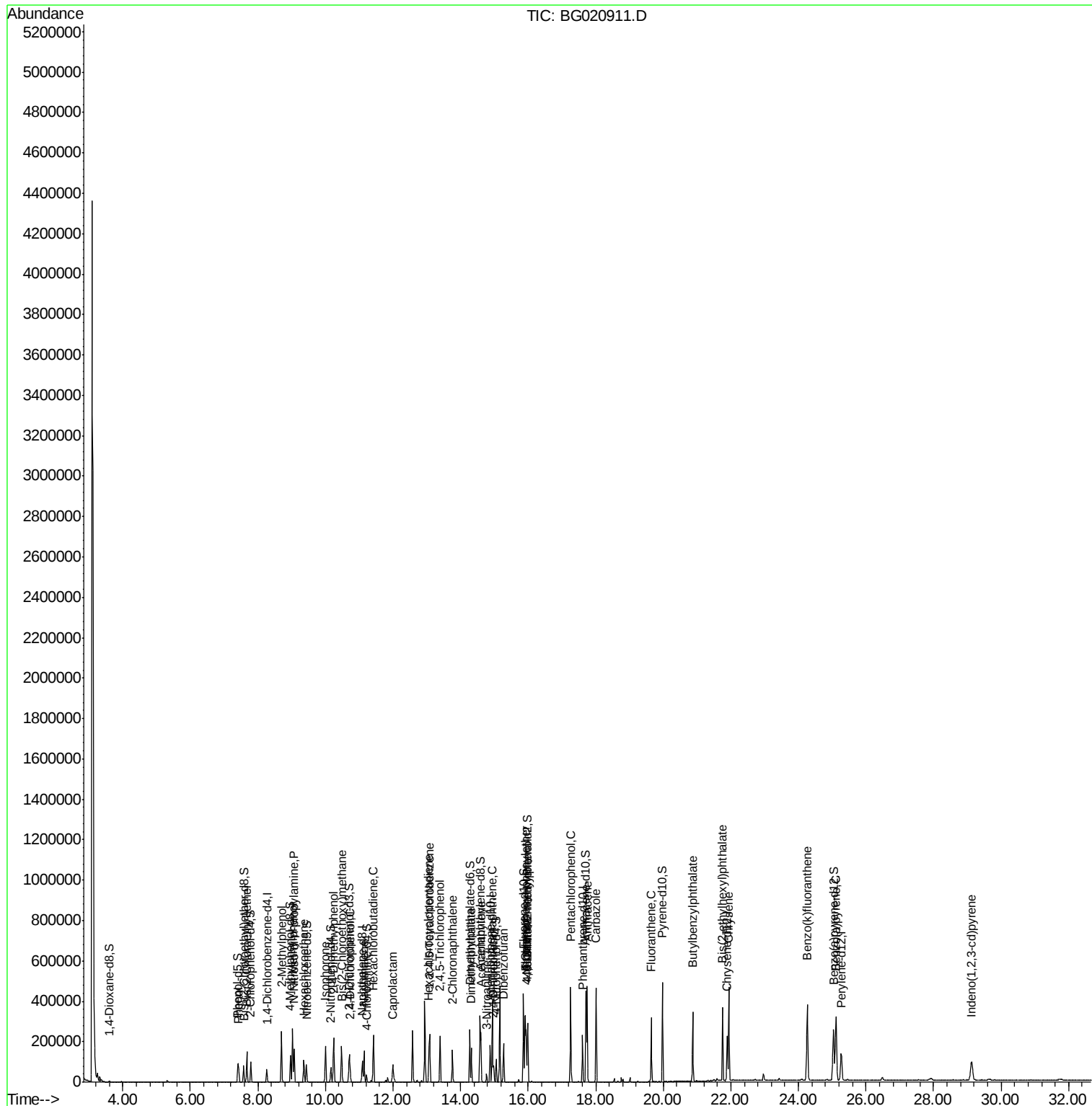
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

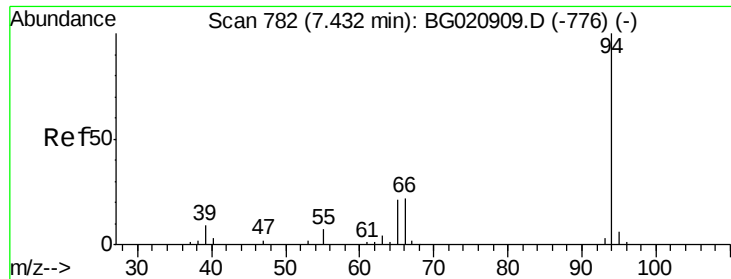
59) Fluorene	15.91	166	49473	8.41	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.90	204	84065	33.48	ng/ul	99
61) 4-Nitroaniline	15.94	138	96296	66.33	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.99	198	68289	87.41	ng/ul	94
69) Pentachlorophenol	17.26	266	88419	88.64	ng/ul	96
72) Anthracene	17.75	178	291843	32.11	ng/ul	98
75) Carbazole	18.01	167	324225	40.61	ng/ul	98
77) Fluoranthene	19.64	202	186259	19.93	ng/ul	98
81) Butylbenzylphthalate	20.87	149	112607	25.45	ng/ul	94
84) Bis(2-ethylhexyl)phthalate	21.75	149	165445	24.67	ng/ul	97
85) Chrysene	21.94	228	277306	34.98	ng/ul	98
89) Benzo(k)fluoranthene	24.26	252	341397	43.46	ng/ul	98
91) Benzo(a)pyrene	25.11	252	318792	40.95	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	29.13	276	147399	16.42	ng/ul	99

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

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#6

Phenol

Concen: 20.08 ng/ul

RT: 7.43 min Scan# 782

Delta R.T. 0.00 min

Lab File: BG020911.D

Acq: 16 Feb 2016 16:45

Instrument :

BNA_G

ClientSampleId :

D9QT5

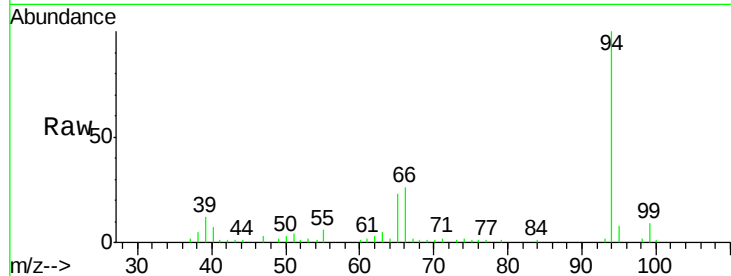
Tgt Ion: 94 Resp: 43641

Ion Ratio Lower Upper

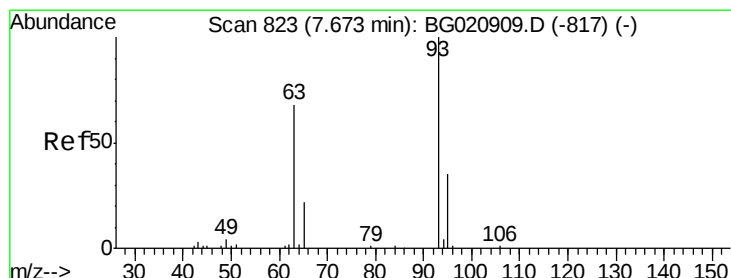
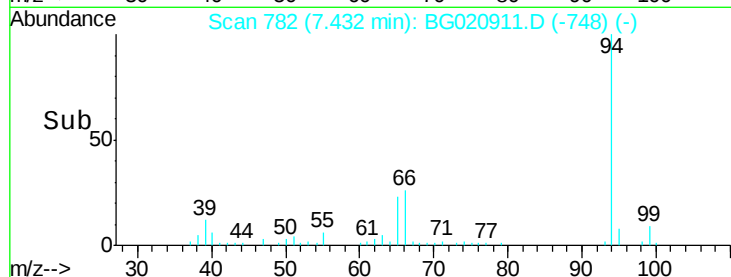
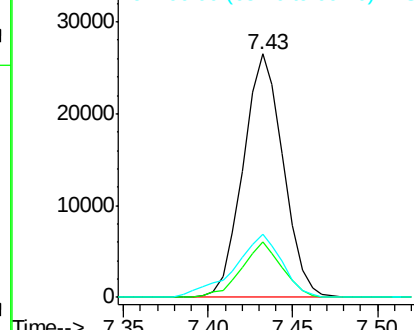
94 100

65 22.8 17.5 26.3

66 26.0 21.1 31.7



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#8

Bis(2-Chloroethyl)ether

Concen: 60.14 ng/ul

RT: 7.67 min Scan# 823

Delta R.T. 0.00 min

Lab File: BG020911.D

Acq: 16 Feb 2016 16:45

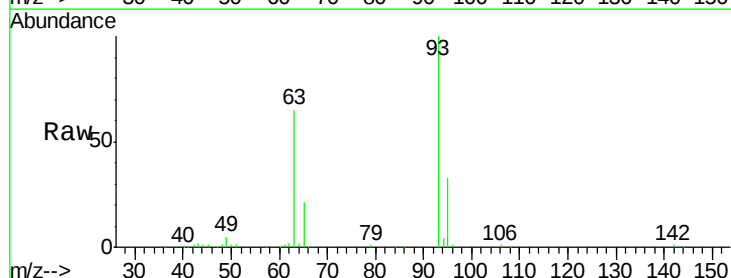
Tgt Ion: 93 Resp: 100164

Ion Ratio Lower Upper

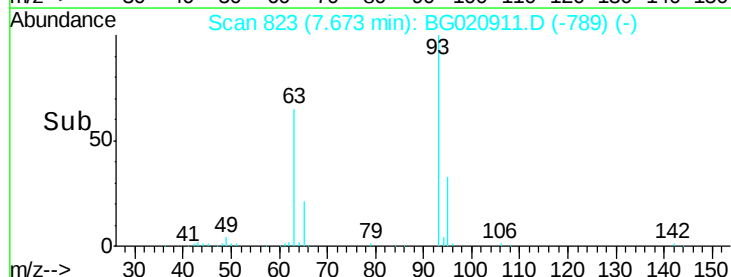
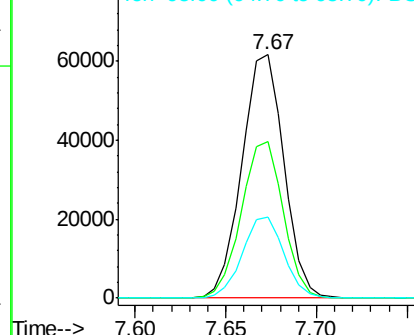
93 100

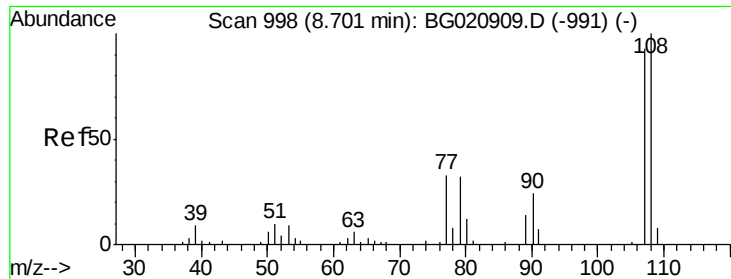
63 64.6 53.2 79.8

95 33.4 29.2 43.8



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

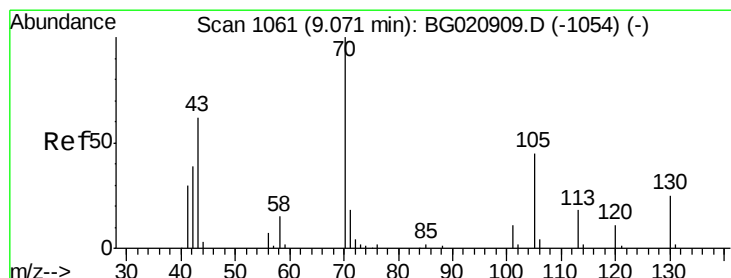
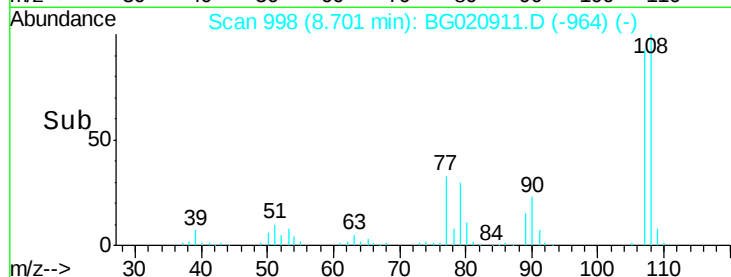
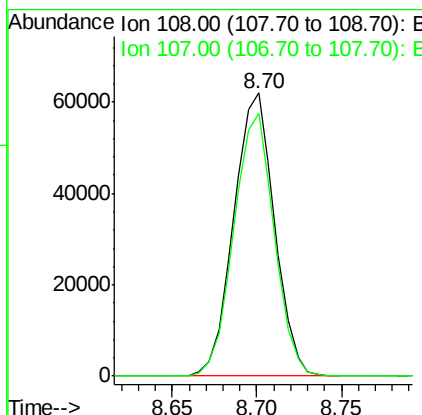
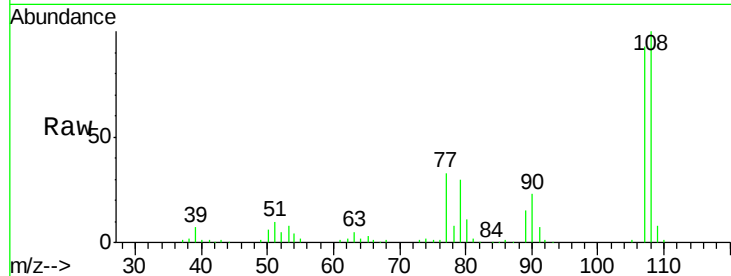




#11
2-Methylphenol
Concen: 60.33 ng/ul
RT: 8.70 min Scan# 998
Delta R.T. 0.00 min
Lab File: BG020911.D
Acq: 16 Feb 2016 16:45

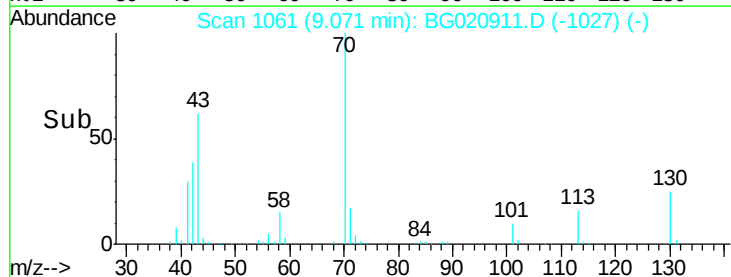
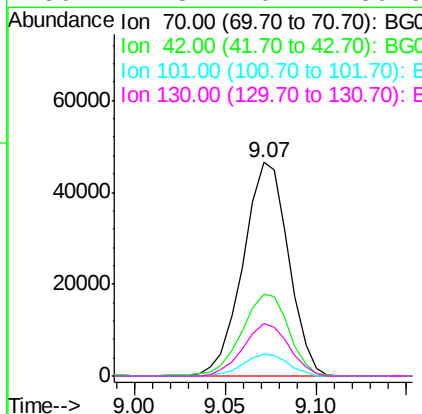
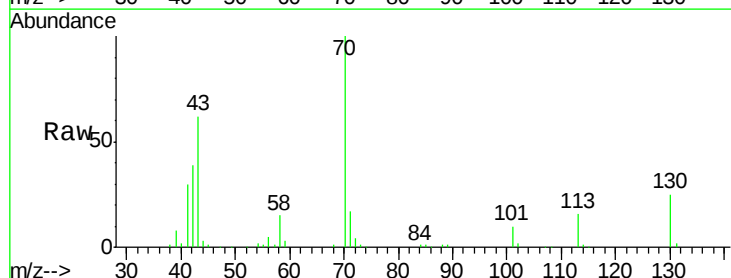
Instrument :
BNA_G
ClientSampleId :
D9QT5

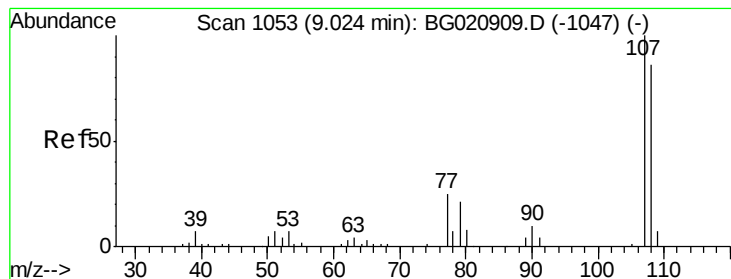
Tgt Ion: 108 Resp: 103726
Ion Ratio Lower Upper
108 100
107 92.7 75.6 113.4



#15
N-Nitroso-di-n-propylamine
Concen: 59.72 ng/ul
RT: 9.07 min Scan# 1061
Delta R.T. 0.00 min
Lab File: BG020911.D
Acq: 16 Feb 2016 16:45

Tgt Ion: 70 Resp: 81535
Ion Ratio Lower Upper
70 100
42 38.6 29.4 44.2
101 10.4 8.2 12.2
130 24.8 20.4 30.6





#16

4-Methylphenol

Concen: 59.55 ng/ul

RT: 9.02 min Scan# 1053

Delta R.T. 0.00 min

Lab File: BG020911.D

Acq: 16 Feb 2016 16:45

Instrument :

BNA_G

ClientSampleId :

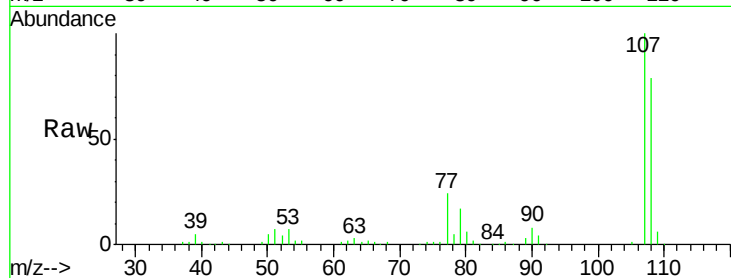
D9QT5

Tgt Ion:108 Resp: 113608

Ion Ratio Lower Upper

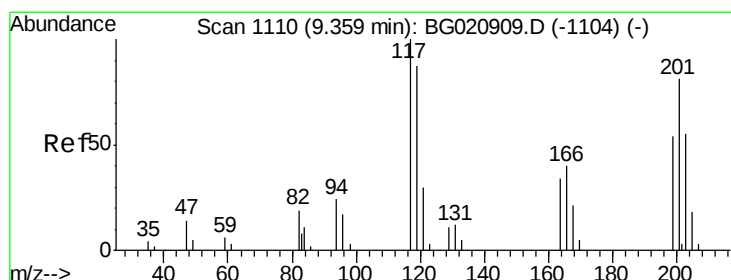
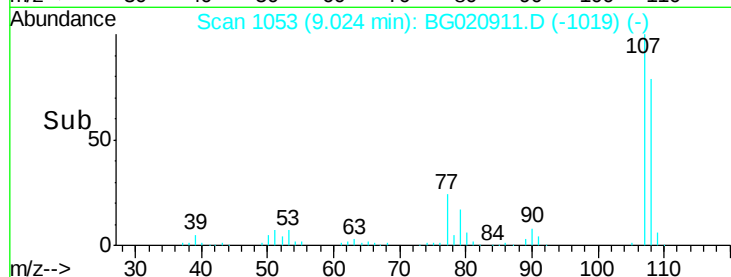
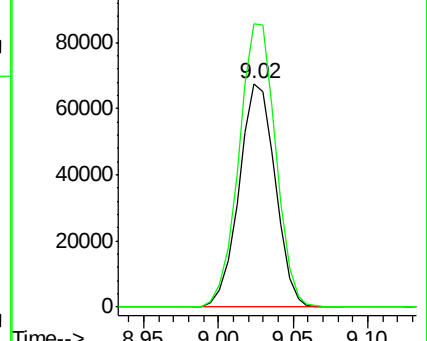
108 100

107 126.6 95.5 143.3



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#17

Hexachloroethane

Concen: 41.06 ng/ul

RT: 9.36 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BG020911.D

Acq: 16 Feb 2016 16:45

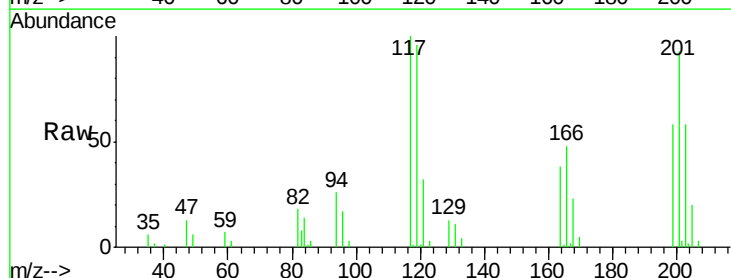
Tgt Ion:117 Resp: 25290

Ion Ratio Lower Upper

117 100

201 93.2 68.7 103.1

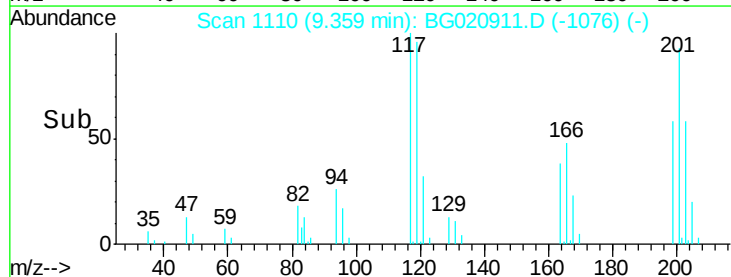
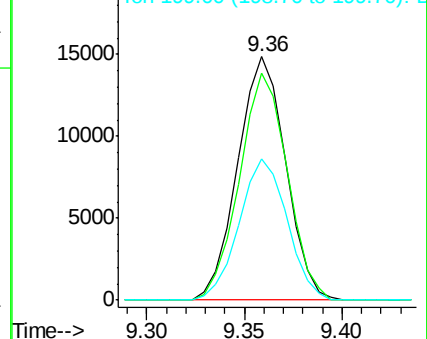
199 57.9 43.4 65.2

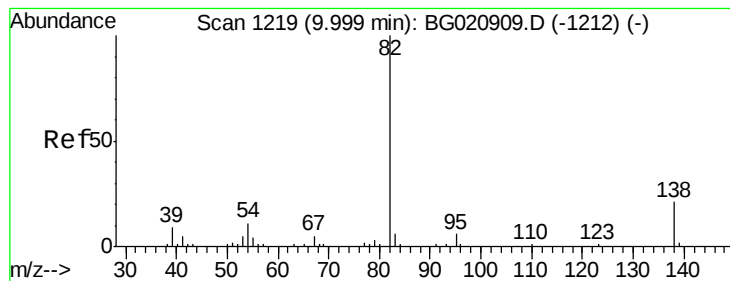


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E





#21

Isophorone

Concen: 38.82 ng/ul

RT: 10.00 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BG020911.D

Acq: 16 Feb 2016 16:45

Instrument :

BNA_G

ClientSampleId :

D9QT5

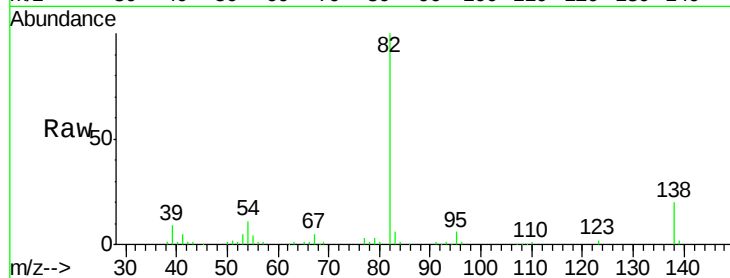
Tgt Ion: 82 Resp: 153163

Ion Ratio Lower Upper

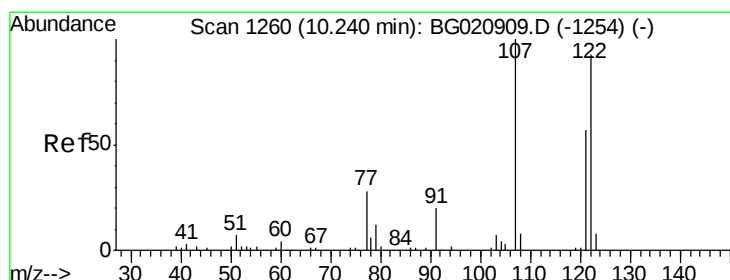
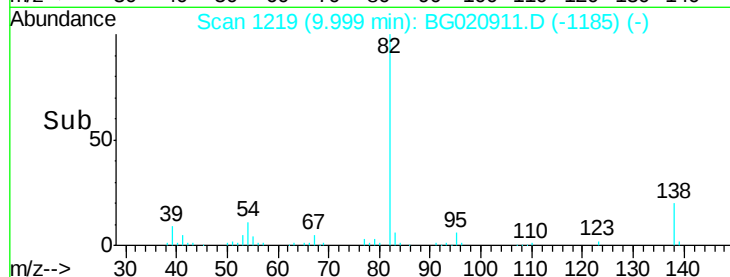
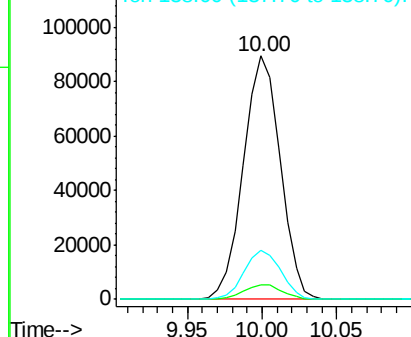
82 100

95 6.1 4.6 6.8

138 20.2 15.4 23.0



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): BGC



#24

2,4-Dimethylphenol

Concen: 43.46 ng/ul

RT: 10.24 min Scan# 1260

Delta R.T. 0.00 min

Lab File: BG020911.D

Acq: 16 Feb 2016 16:45

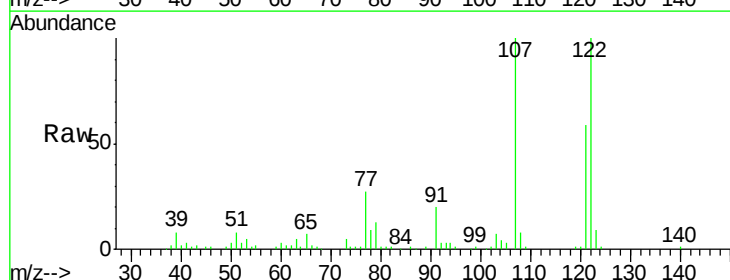
Tgt Ion: 107 Resp: 85214

Ion Ratio Lower Upper

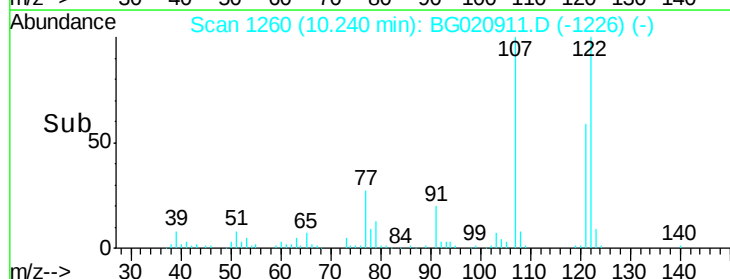
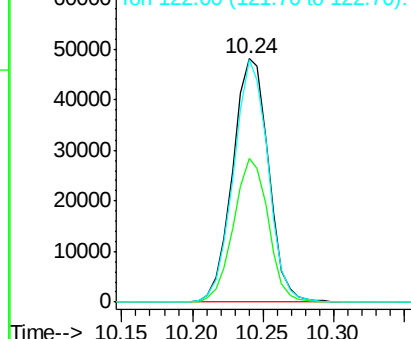
107 100

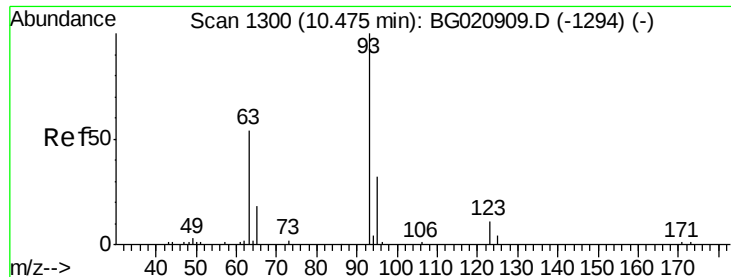
121 58.9 47.2 70.8

122 99.6 73.3 109.9



Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 121.00 (120.70 to 121.70): BGC
Ion 122.00 (121.70 to 122.70): BGC

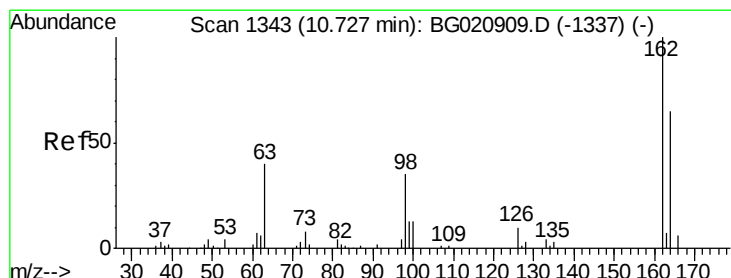
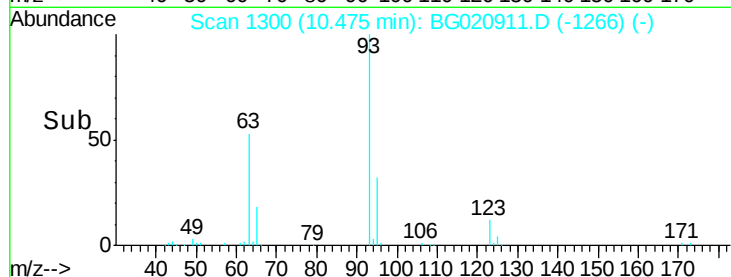
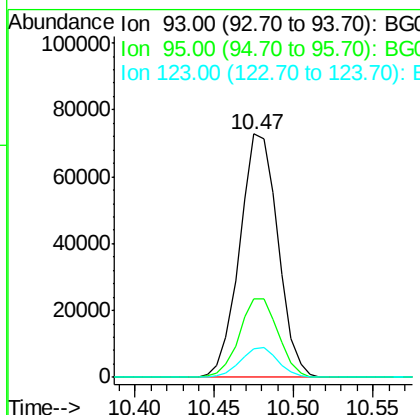
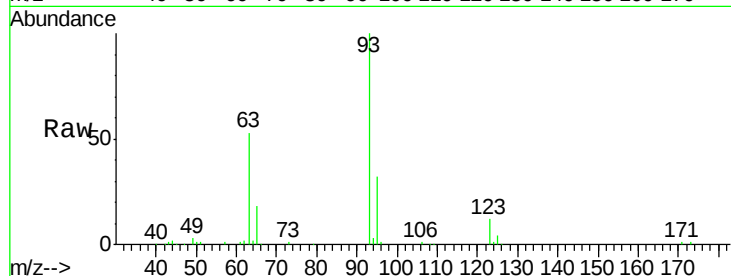




#25
 Bis(2-Chloroethoxy)methane
 Concen: 48.72 ng/ul
 RT: 10.47 min Scan# 1300
 Delta R.T. 0.00 min
 Lab File: BG020911.D
 Acq: 16 Feb 2016 16:45

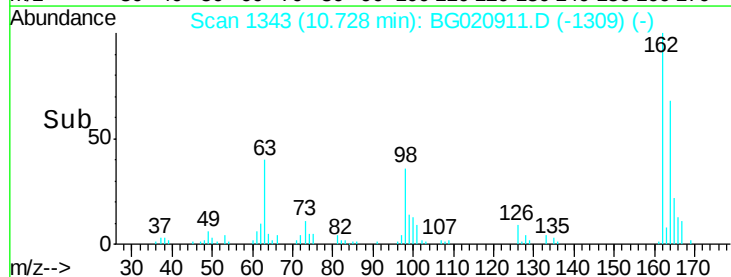
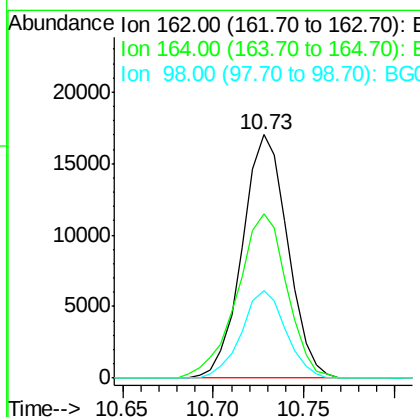
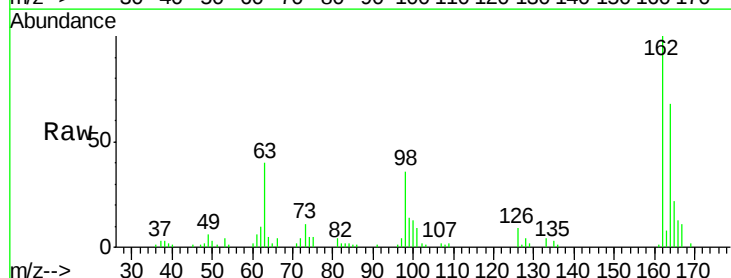
Instrument :
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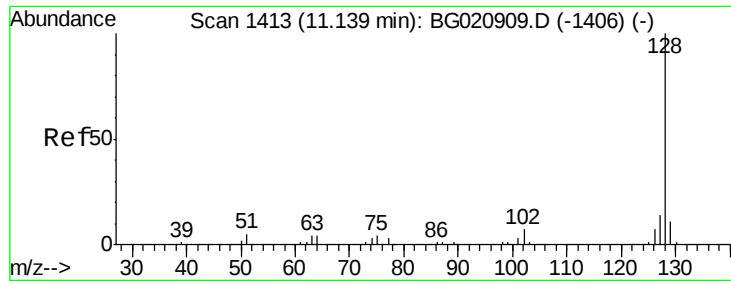
Tgt Ion: 93 Resp: 122002
 Ion Ratio Lower Upper
 93 100
 95 32.5 25.3 37.9
 123 11.7 10.4 15.6



#27
 2,4-Dichlorophenol
 Concen: 17.58 ng/ul
 RT: 10.73 min Scan# 1343
 Delta R.T. 0.00 min
 Lab File: BG020911.D
 Acq: 16 Feb 2016 16:45

Tgt Ion: 162 Resp: 29714
 Ion Ratio Lower Upper
 162 100
 164 67.5 50.3 75.5
 98 35.9 28.3 42.5

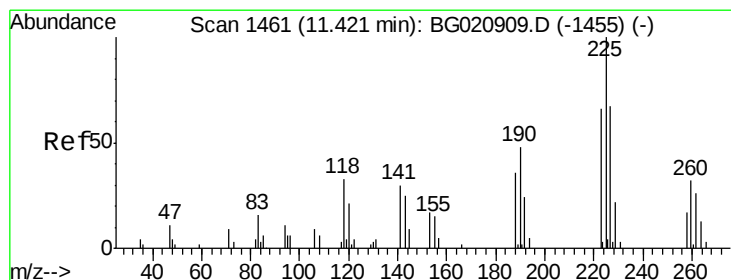
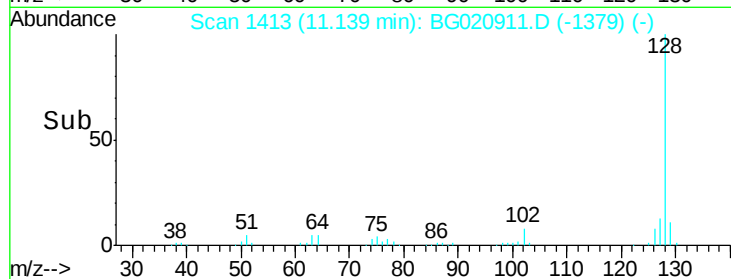
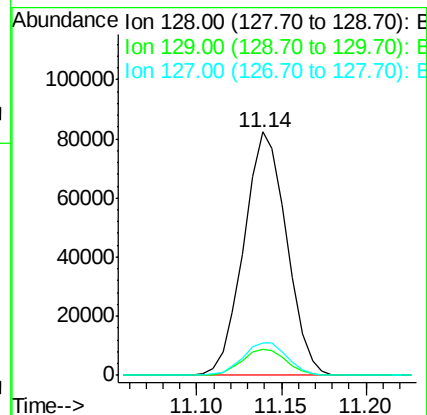
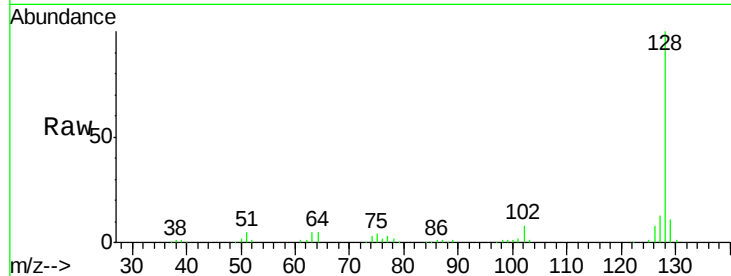




#28
Naphthalene
Concen: 24.92 ng/ul
RT: 11.14 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BG020911.D
Acq: 16 Feb 2016 16:45

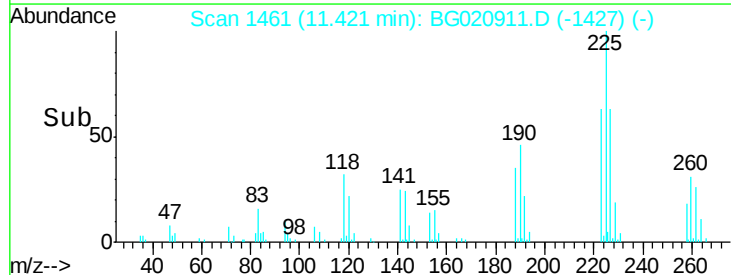
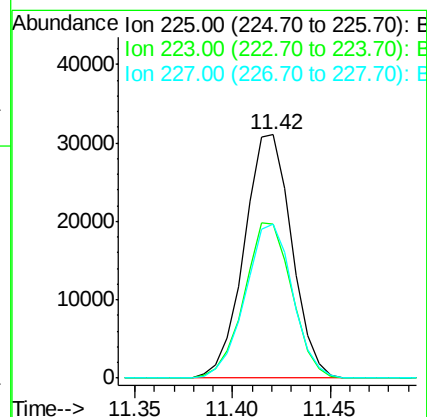
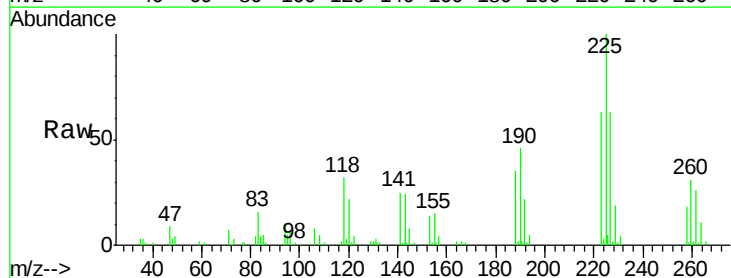
Instrument :
BNA_G
ClientSampleId :
D9QT5

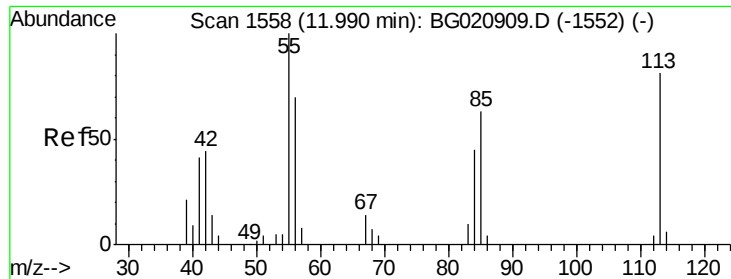
Tgt Ion:128 Resp: 145136
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.4
127 13.2 10.6 15.8



#31
Hexachlorobutadiene
Concen: 64.95 ng/ul
RT: 11.42 min Scan# 1461
Delta R.T. 0.00 min
Lab File: BG020911.D
Acq: 16 Feb 2016 16:45

Tgt Ion:225 Resp: 52339
Ion Ratio Lower Upper
225 100
223 63.4 50.8 76.2
227 63.3 50.5 75.7





#32

Caprolactam

Concen: 45.20 ng/ul

RT: 11.99 min Scan# 1558

Delta R.T. 0.00 min

Lab File: BG020911.D

Acq: 16 Feb 2016 16:45

Instrument :

BNA_G

ClientSampleId :

D9QT5

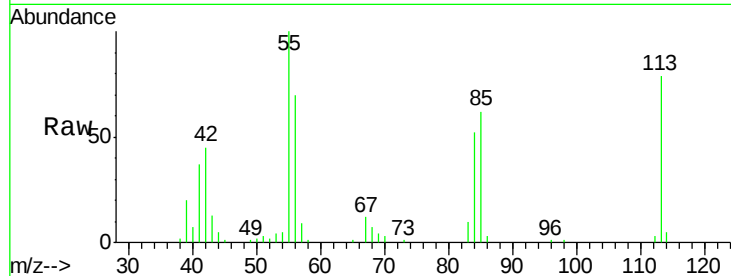
Tgt Ion:113 Resp: 30972

Ion Ratio Lower Upper

113 100

55 127.1 101.9 152.9

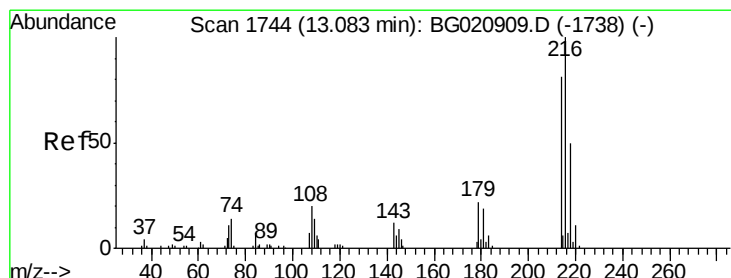
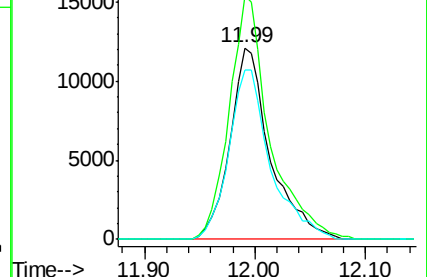
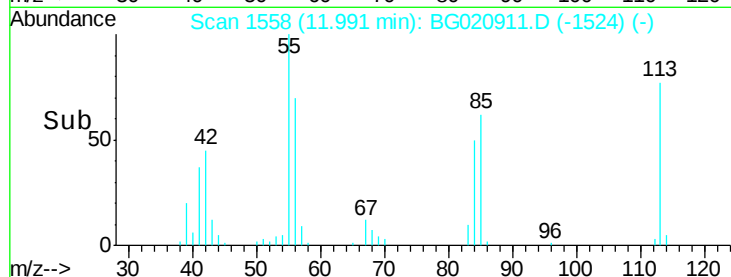
56 88.3 78.2 117.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#37

1,2,4,5-Tetrachlorobenzene

Concen: 41.28 ng/ul

RT: 13.08 min Scan# 1744

Delta R.T. 0.00 min

Lab File: BG020911.D

Acq: 16 Feb 2016 16:45

Tgt Ion:216 Resp: 76034

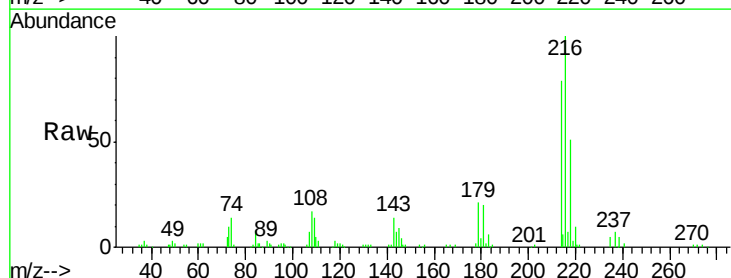
Ion Ratio Lower Upper

216 100

214 79.3 62.5 93.7

179 21.2 15.6 23.4

108 17.4 14.9 22.3

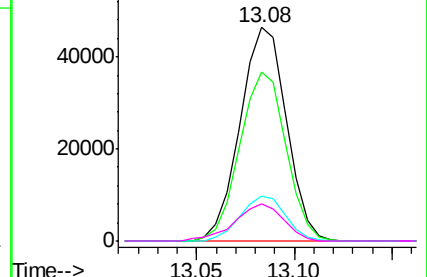
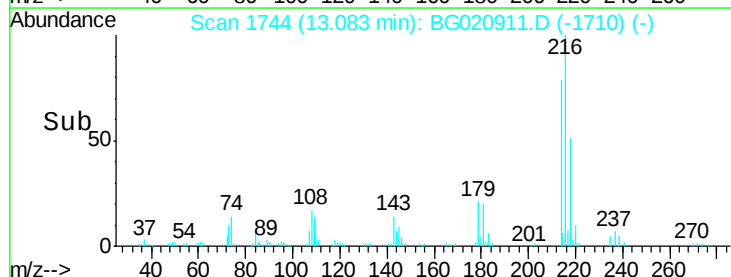


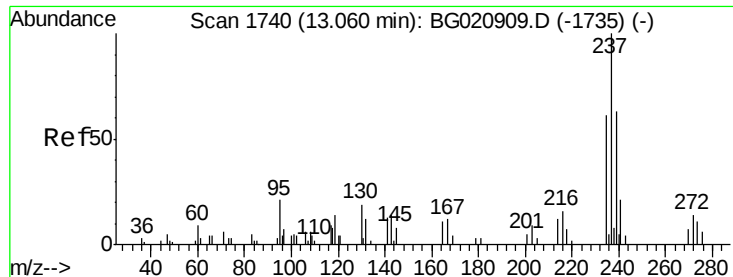
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#38

Hexachlorocyclopentadiene

Concen: 39.08 ng/ul

RT: 13.06 min Scan# 1740

Delta R.T. 0.00 min

Lab File: BG020911.D

Acq: 16 Feb 2016 16:45

Instrument :

BNA_G

ClientSampleId :

D9QT5

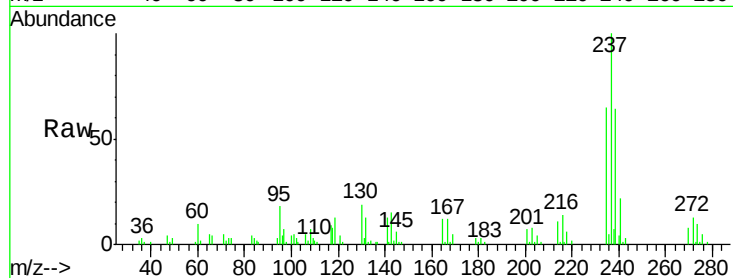
Tgt Ion:237 Resp: 39266

Ion Ratio Lower Upper

237 100

235 65.0 53.8 80.8

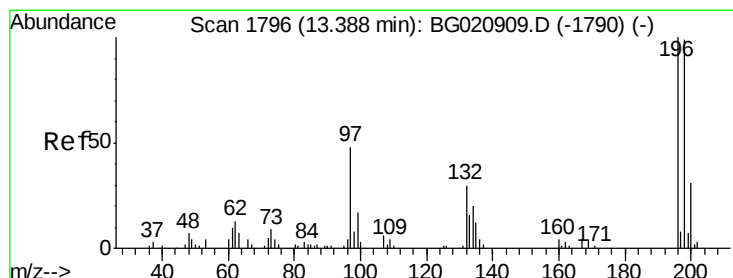
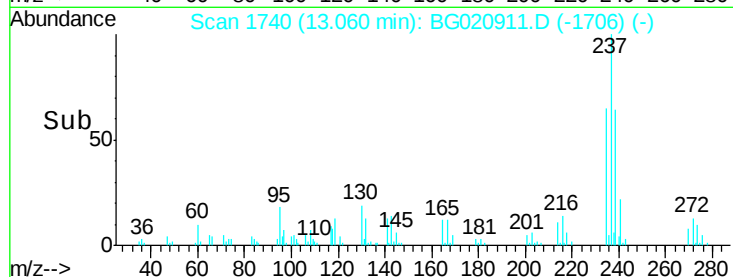
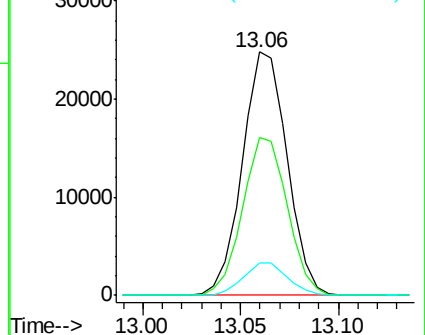
272 13.4 10.1 15.1



Abundance Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E



#40

2,4,5-Trichlorophenol

Concen: 43.90 ng/ul

RT: 13.39 min Scan# 1796

Delta R.T. 0.00 min

Lab File: BG020911.D

Acq: 16 Feb 2016 16:45

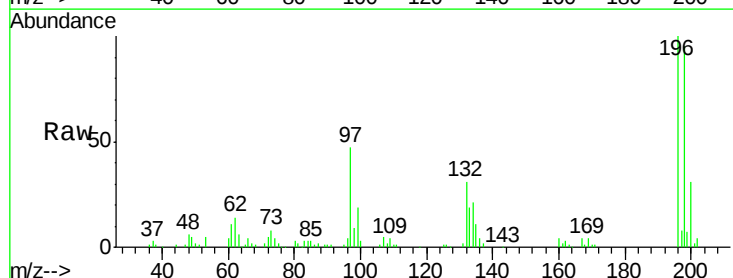
Tgt Ion:196 Resp: 64699

Ion Ratio Lower Upper

196 100

198 94.7 77.6 116.4

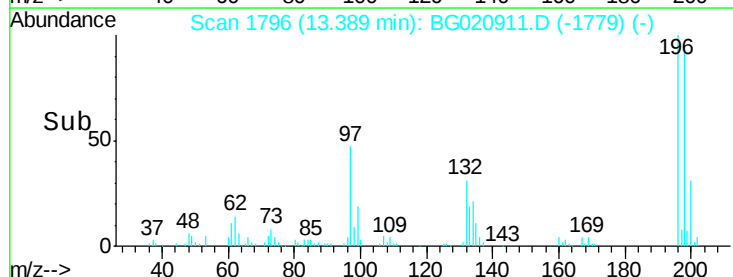
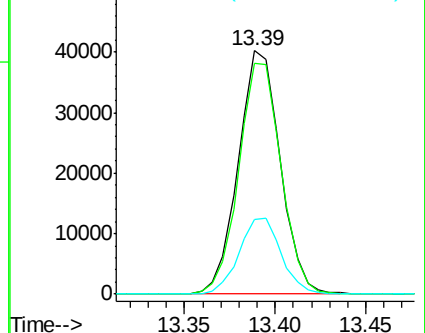
200 30.8 25.8 38.8

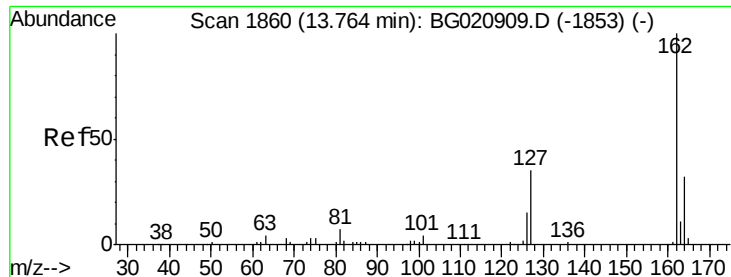


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

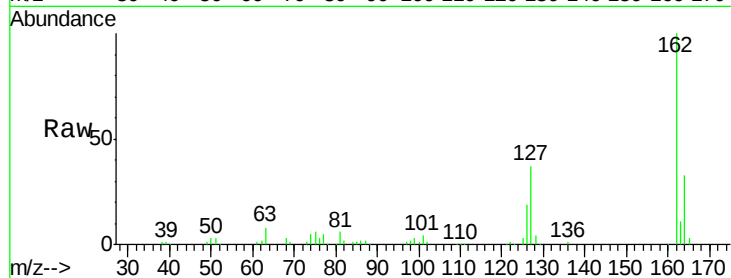




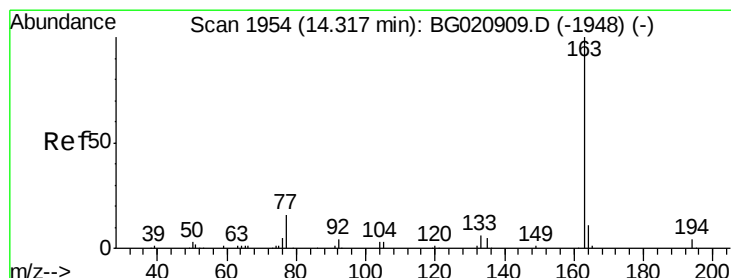
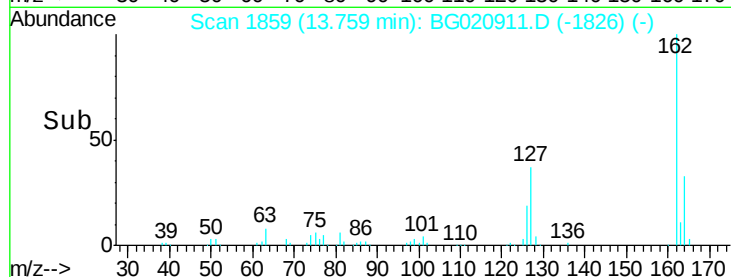
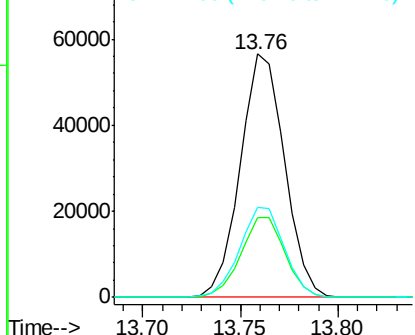
#42
2-Chloronaphthalene
Concen: 21.06 ng/ul
RT: 13.76 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BG020911.D
Acq: 16 Feb 2016 16:45

Instrument :
BNA_G
ClientSampleId :
D9QT5

Tgt Ion:162 Resp: 88782
Ion Ratio Lower Upper
162 100
164 32.8 26.3 39.5
127 37.2 29.0 43.6

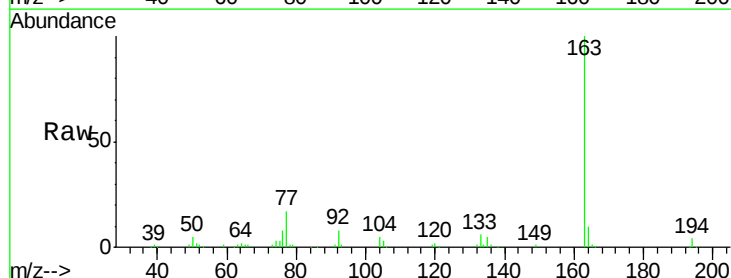


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 127.00 (126.70 to 127.70): E

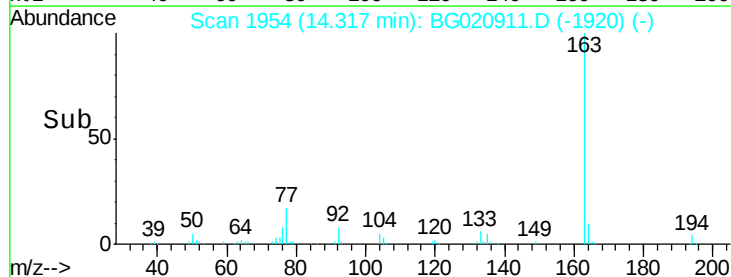
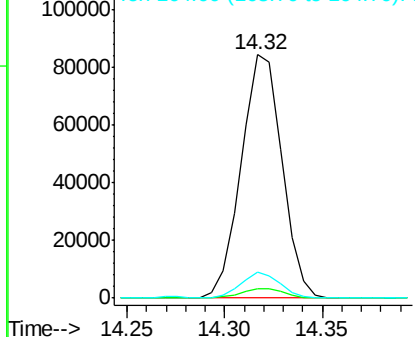


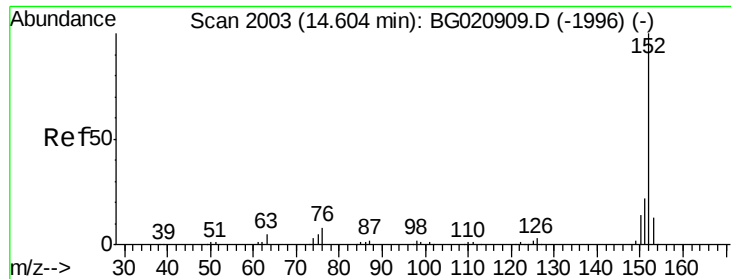
#45
Dimethylphthalate
Concen: 21.18 ng/ul
RT: 14.32 min Scan# 1954
Delta R.T. 0.00 min
Lab File: BG020911.D
Acq: 16 Feb 2016 16:45

Tgt Ion:163 Resp: 122611
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.4 7.7 11.5



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#48

Acenaphthylene

Concen: 24.43 ng/ul

RT: 14.60 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BG020911.D

Acq: 16 Feb 2016 16:45

Instrument :

BNA_G

ClientSampleId :

D9QT5

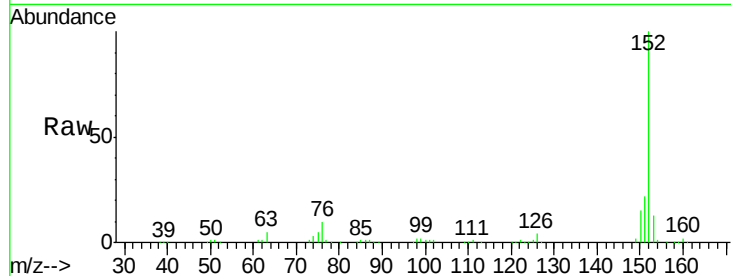
Tgt Ion:152 Resp: 182022

Ion Ratio Lower Upper

152 100

151 21.7 17.8 26.6

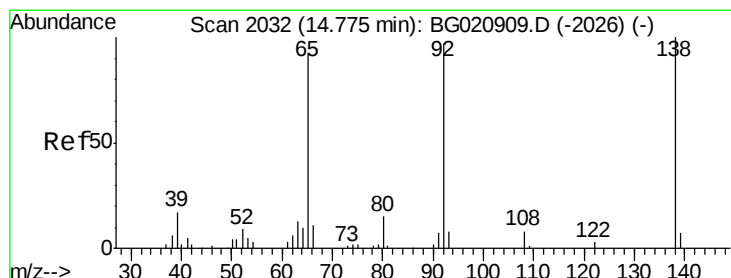
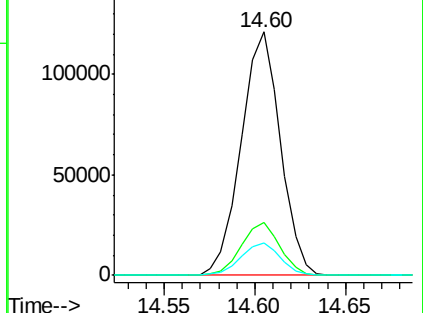
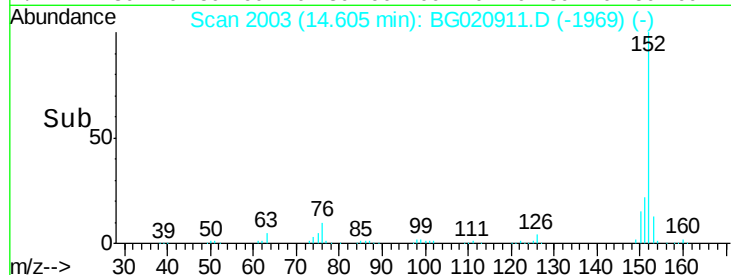
153 13.5 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

3-Nitroaniline

Concen: 11.08 ng/ul

RT: 14.78 min Scan# 2032

Delta R.T. 0.00 min

Lab File: BG020911.D

Acq: 16 Feb 2016 16:45

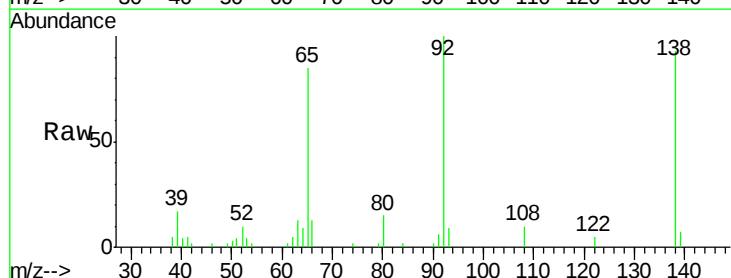
Tgt Ion:138 Resp: 14206

Ion Ratio Lower Upper

138 100

108 10.9 7.6 11.4

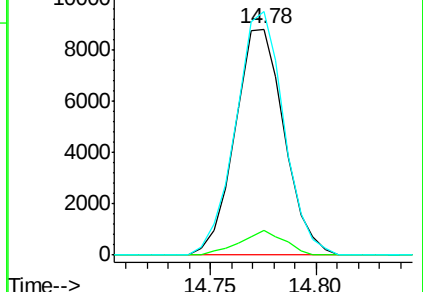
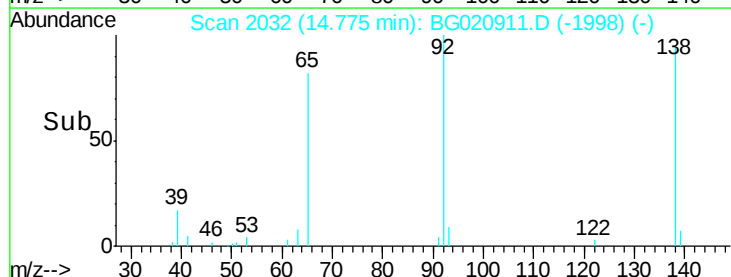
92 107.8 84.0 126.0

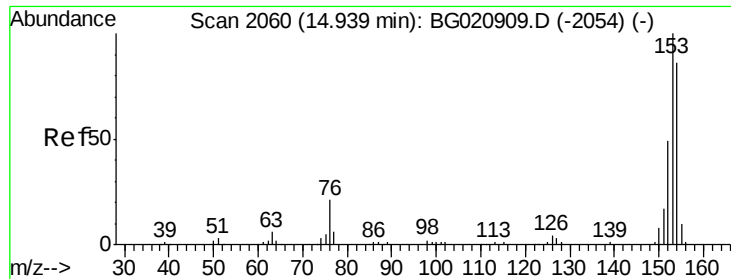


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#50

Acenaphthene

Concen: 35.33 ng/ul

RT: 14.94 min Scan# 2060

Delta R.T. 0.00 min

Lab File: BG020911.D

Acq: 16 Feb 2016 16:45

Instrument :

BNA_G

ClientSampleId :

D9QT5

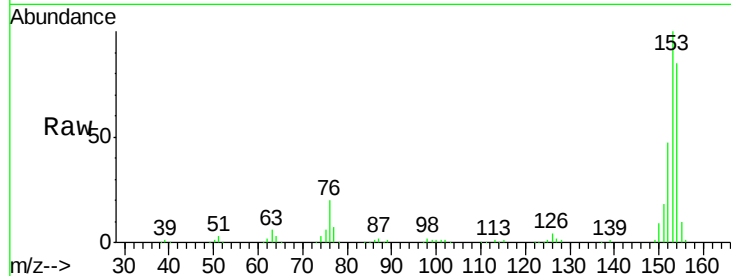
Tgt Ion:153 Resp: 183862

Ion Ratio Lower Upper

153 100

152 47.2 40.6 61.0

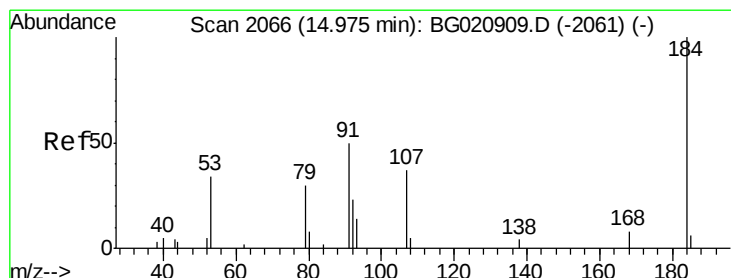
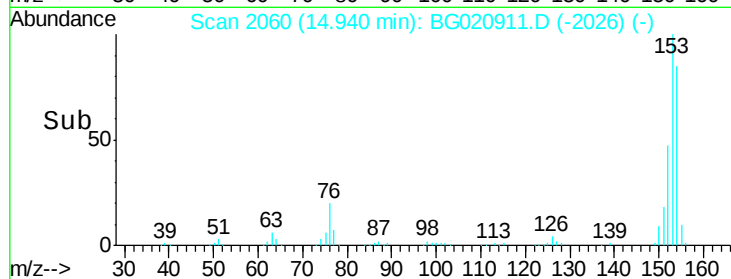
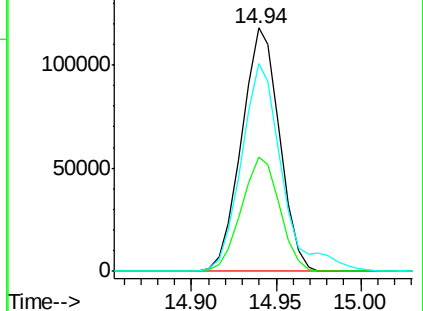
154 85.2 68.7 103.1



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



#51

2,4-Dinitrophenol

Concen: 58.49 ng/ul

RT: 14.97 min Scan# 2066

Delta R.T. 0.00 min

Lab File: BG020911.D

Acq: 16 Feb 2016 16:45

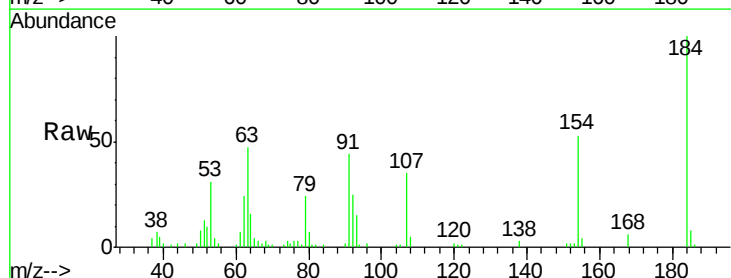
Tgt Ion:184 Resp: 26059

Ion Ratio Lower Upper

184 100

63 47.2 39.8 59.6

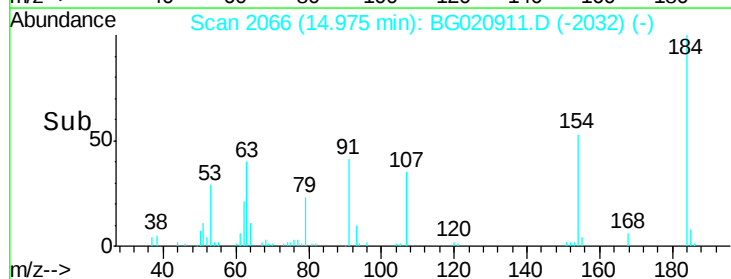
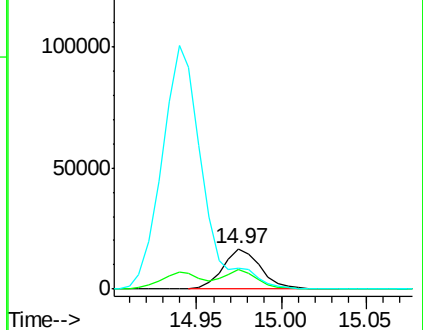
154 53.1 45.9 68.9

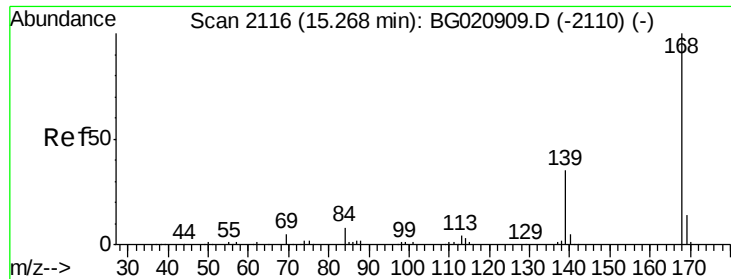


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 20.52 ng/ul

RT: 15.27 min Scan# 2116

Delta R.T. 0.00 min

Lab File: BG020911.D

Acq: 16 Feb 2016 16:45

Instrument :

BNA_G

ClientSampleId :

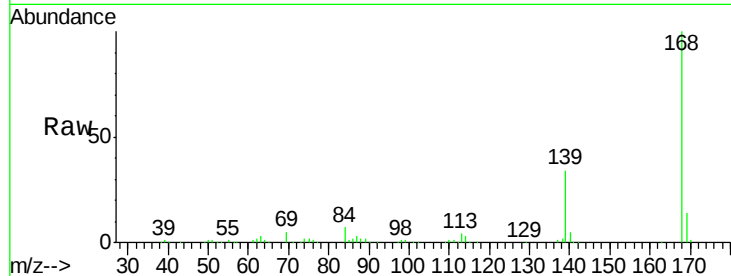
D9QT5

Tgt Ion:168 Resp: 138702

Ion Ratio Lower Upper

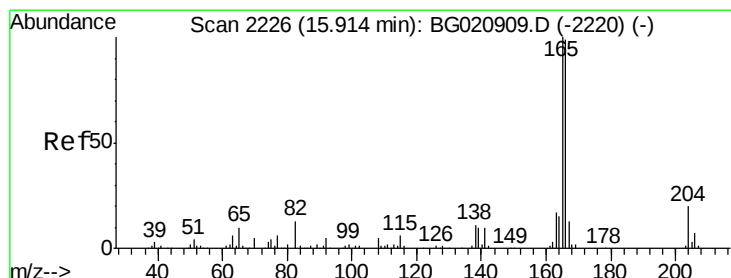
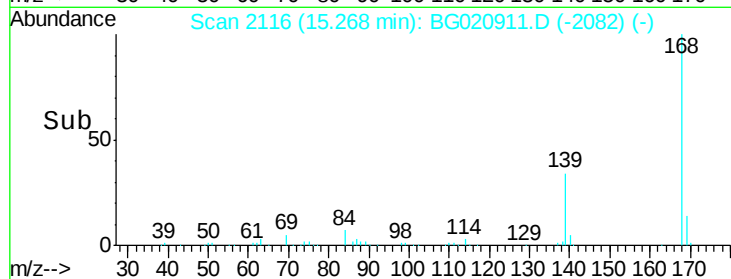
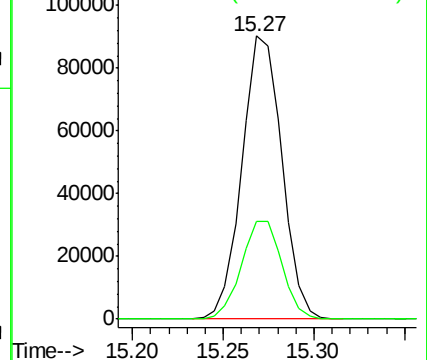
168 100

139 34.3 27.8 41.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#59

Fluorene

Concen: 8.41 ng/ul

RT: 15.91 min Scan# 2226

Delta R.T. 0.00 min

Lab File: BG020911.D

Acq: 16 Feb 2016 16:45

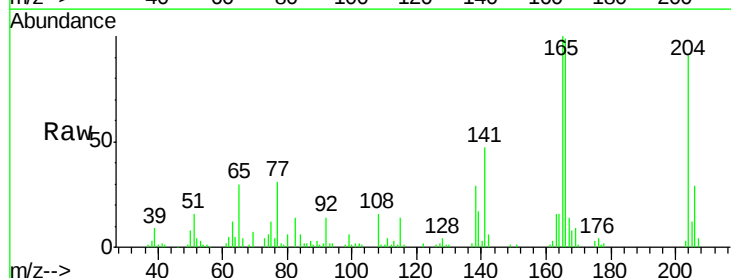
Tgt Ion:166 Resp: 49473

Ion Ratio Lower Upper

166 100

165 101.1 81.6 122.4

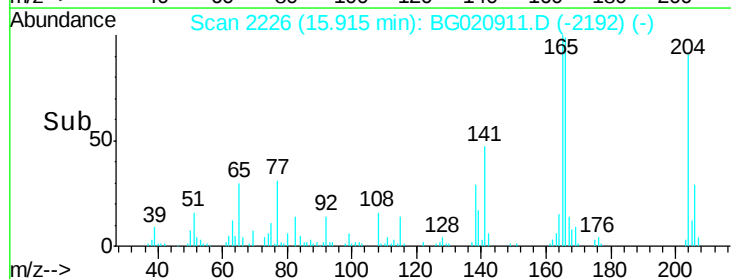
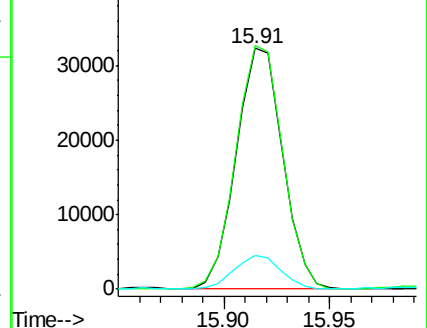
167 14.0 10.6 15.8

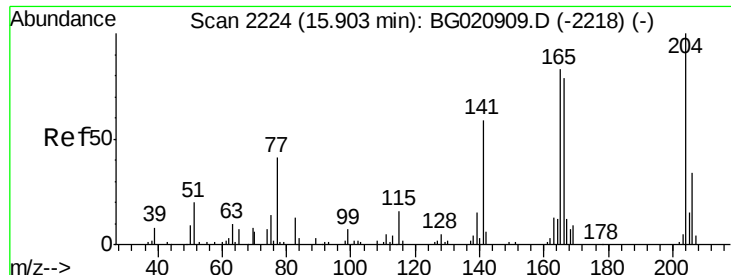


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

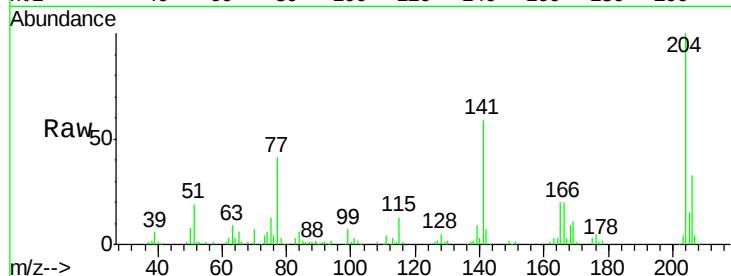




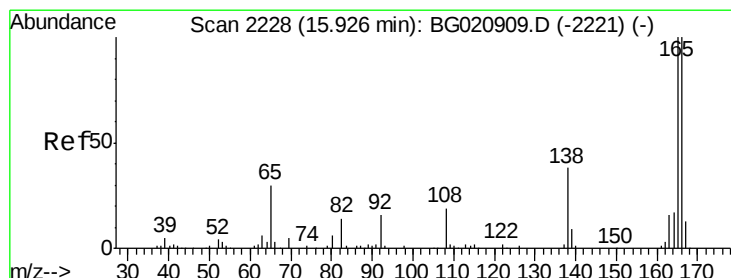
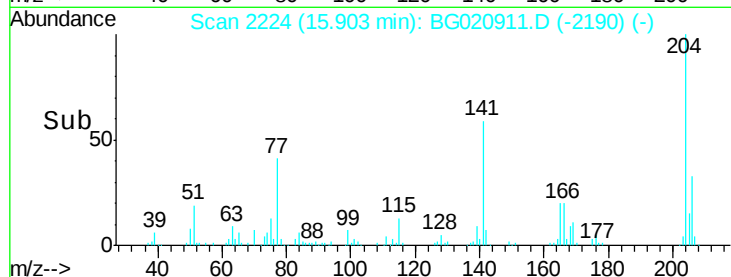
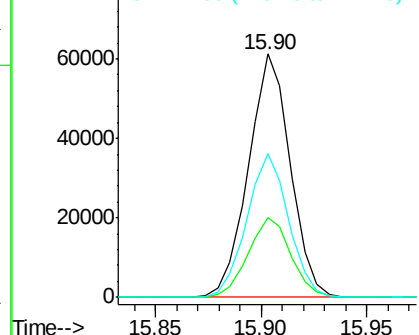
#60
 4-Chlorophenyl-phenylether
 Concen: 33.48 ng/ul
 RT: 15.90 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: BG020911.D
 Acq: 16 Feb 2016 16:45

Instrument :
 BNA_G
 ClientSampleId :
 D9QT5

Tgt Ion:204 Resp: 84065
 Ion Ratio Lower Upper
 204 100
 206 32.9 25.8 38.8
 141 58.9 47.4 71.2

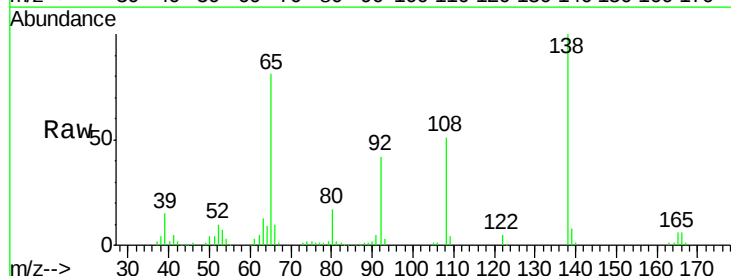


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

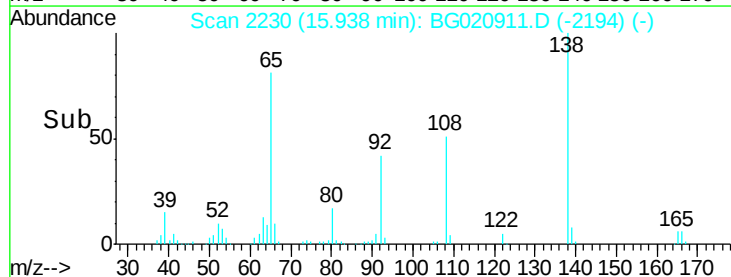
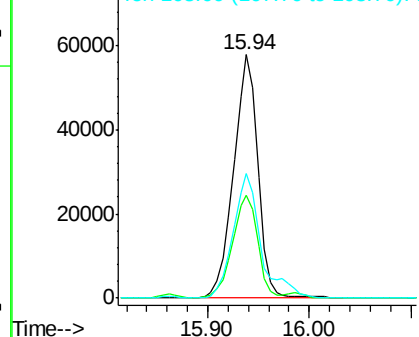


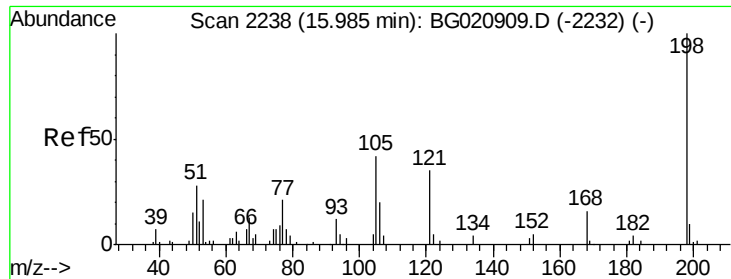
#61
 4-Nitroaniline
 Concen: 66.33 ng/ul
 RT: 15.94 min Scan# 2230
 Delta R.T. 0.01 min
 Lab File: BG020911.D
 Acq: 16 Feb 2016 16:45

Tgt Ion:138 Resp: 96296
 Ion Ratio Lower Upper
 138 100
 92 42.2 35.4 53.0
 108 51.1 41.8 62.8



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





#64

4,6-Dinitro-2-methylphenol

Concen: 87.41 ng/ul

RT: 15.99 min Scan# 2238

Delta R.T. 0.00 min

Lab File: BG020911.D

Acq: 16 Feb 2016 16:45

Instrument :

BNA_G

ClientSampleId :

D9QT5

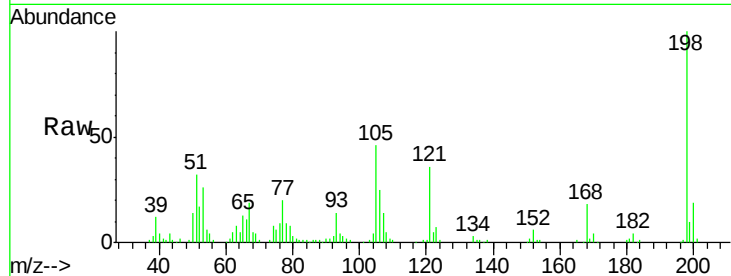
Tgt Ion:198 Resp: 68289

Ion Ratio Lower Upper

198 100

182 3.6 3.4 5.0

77 20.1 18.6 28.0

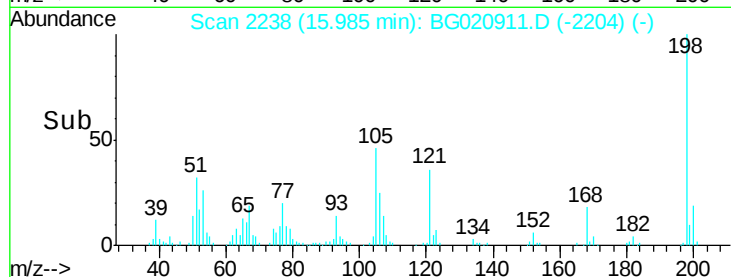


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): B

Time--> 15.90 15.95 16.00 16.05



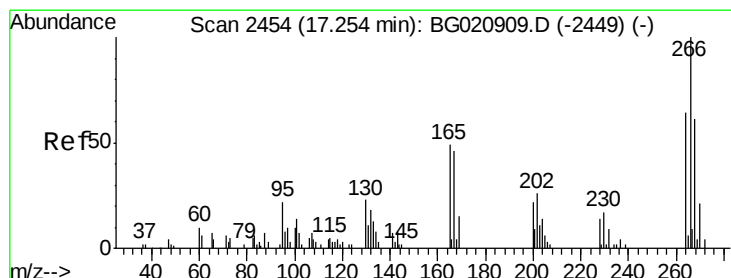
Abundance

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

Time--> 15.90 15.95 16.00 16.05



#69

Pentachlorophenol

Concen: 88.64 ng/ul

RT: 17.26 min Scan# 2455

Delta R.T. 0.01 min

Lab File: BG020911.D

Acq: 16 Feb 2016 16:45

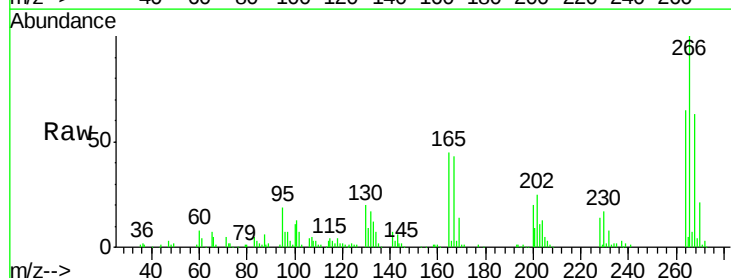
Tgt Ion:266 Resp: 88419

Ion Ratio Lower Upper

266 100

264 64.8 49.4 74.2

268 62.6 47.1 70.7

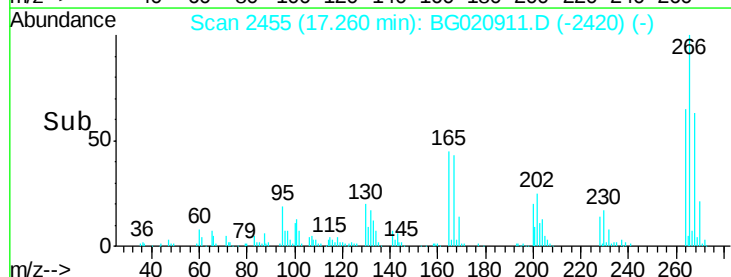


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

Time--> 17.20 17.30



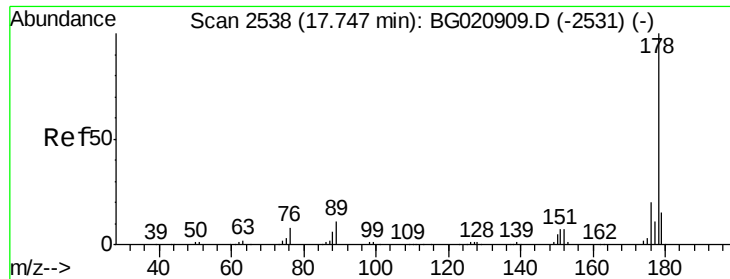
Abundance

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

Time--> 17.20 17.30



#72

Anthracene

Concen: 32.11 ng/ul

RT: 17.75 min Scan# 2538

Delta R.T. 0.00 min

Lab File: BG020911.D

Acq: 16 Feb 2016 16:45

Instrument :

BNA_G

ClientSampleId :

D9QT5

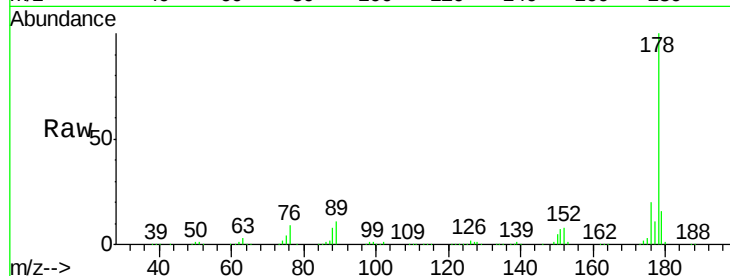
Tgt Ion:178 Resp: 291843

Ion Ratio Lower Upper

178 100

179 16.2 12.1 18.1

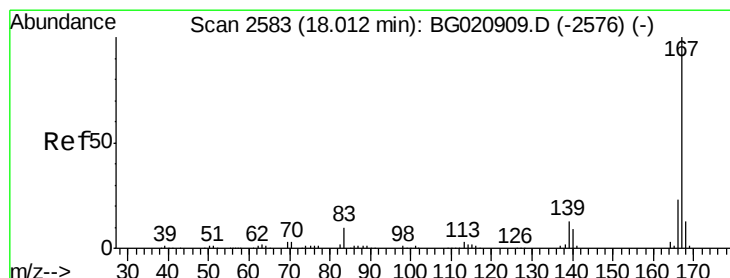
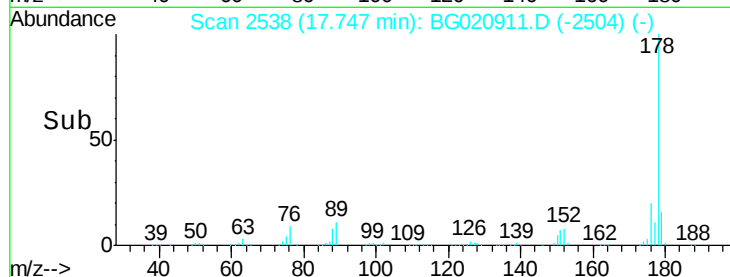
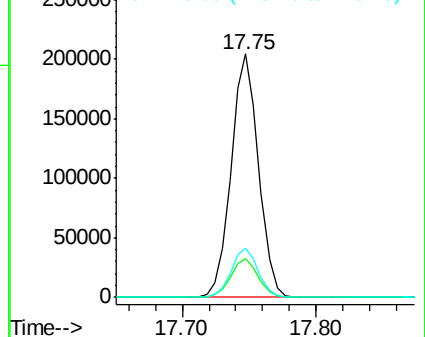
176 20.2 15.5 23.3



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: 40.61 ng/ul

RT: 18.01 min Scan# 2583

Delta R.T. 0.00 min

Lab File: BG020911.D

Acq: 16 Feb 2016 16:45

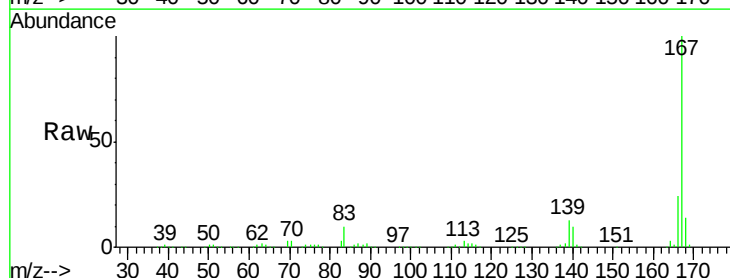
Tgt Ion:167 Resp: 324225

Ion Ratio Lower Upper

167 100

166 24.2 18.5 27.7

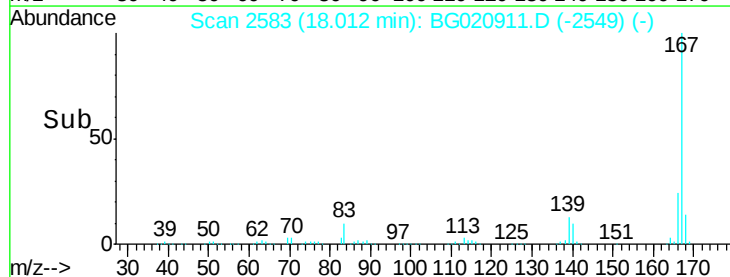
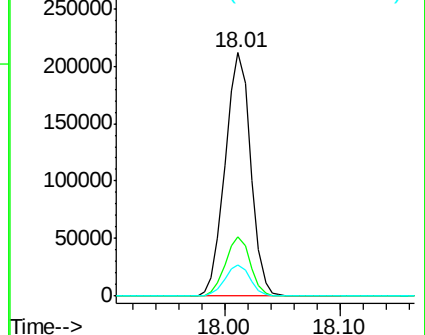
139 12.9 9.8 14.8

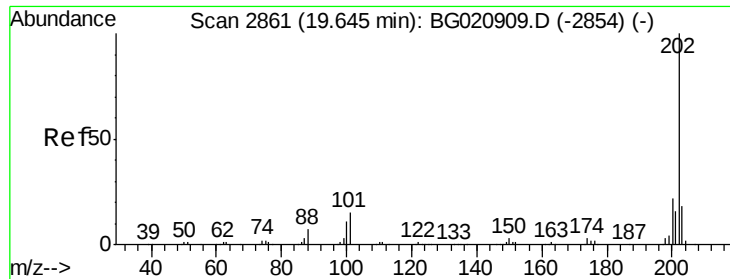


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

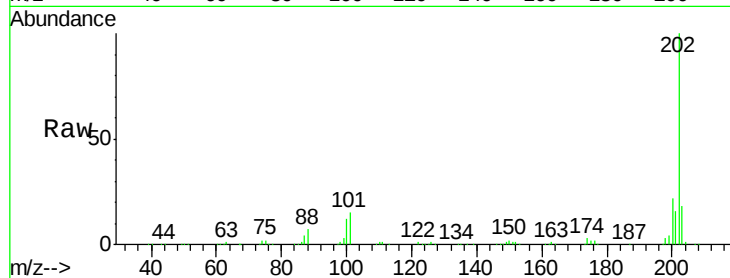




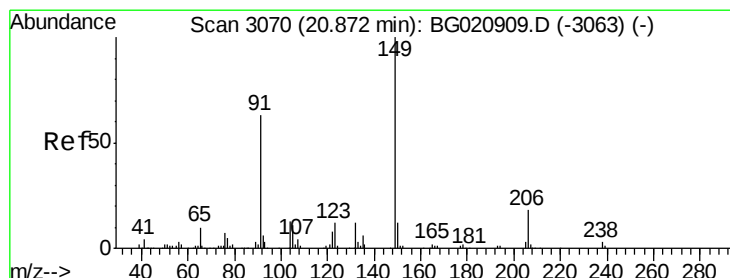
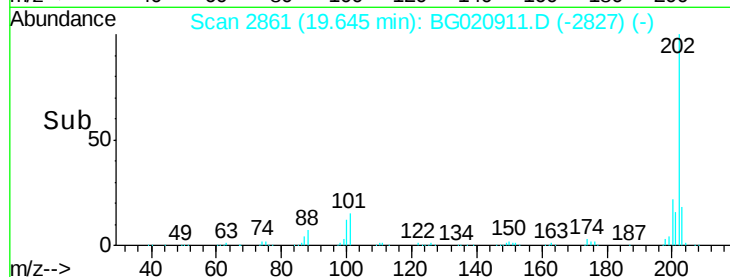
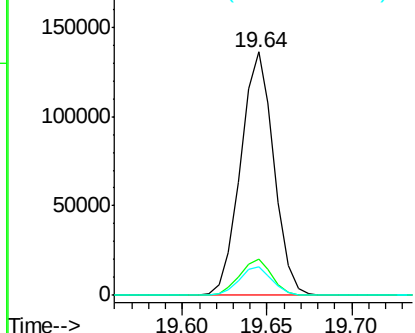
#77
Fluoranthene
 Concen: 19.93 ng/ul
 RT: 19.64 min Scan# 2861
 Delta R.T. 0.00 min
 Lab File: BG020911.D
 Acq: 16 Feb 2016 16:45

Instrument :
 BNA_G
 ClientSampleId :
 D9QT5

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.7	12.5	18.7
100	11.6	9.9	14.9

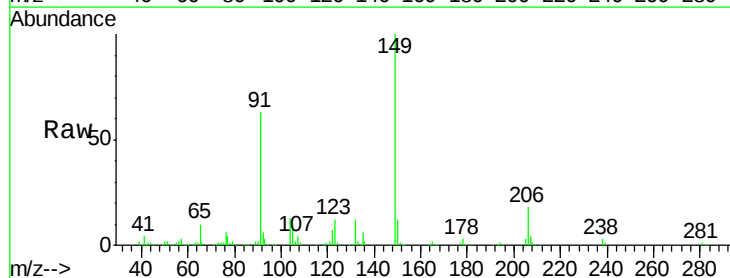


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

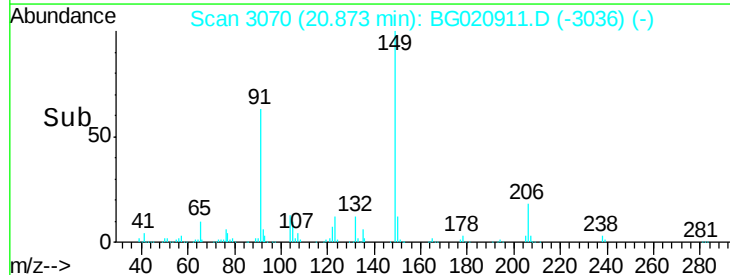
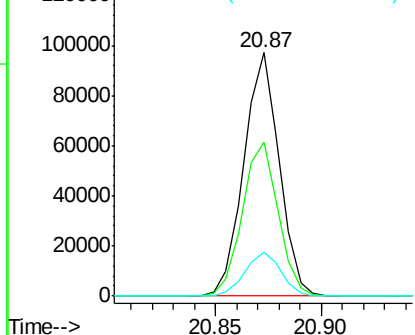


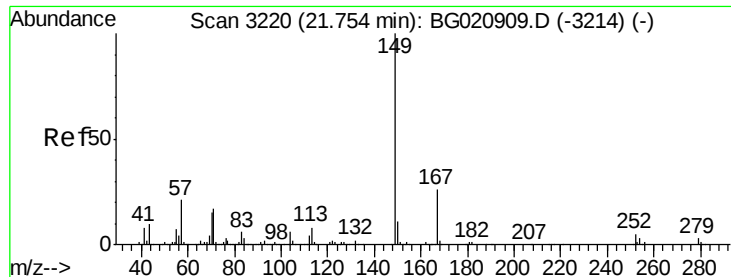
#81
Butylbenzylphthalate
 Concen: 25.45 ng/ul
 RT: 20.87 min Scan# 3070
 Delta R.T. 0.00 min
 Lab File: BG020911.D
 Acq: 16 Feb 2016 16:45

Tgt Ion	Ratio	Lower	Upper
149	100		
91	63.1	55.3	82.9
206	18.3	14.4	21.6



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





#84

Bis(2-ethylhexyl)phthalate

Concen: 24.67 ng/ul

RT: 21.75 min Scan# 3220

Delta R.T. 0.00 min

Lab File: BG020911.D

Acq: 16 Feb 2016 16:45

Instrument :

BNA_G

ClientSampleId :

D9QT5

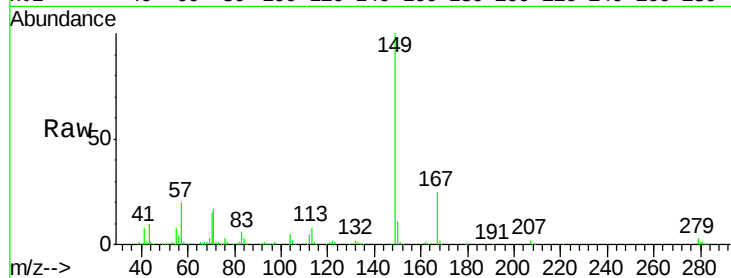
Tgt Ion:149 Resp: 165445

Ion Ratio Lower Upper

149 100

167 24.7 21.0 31.4

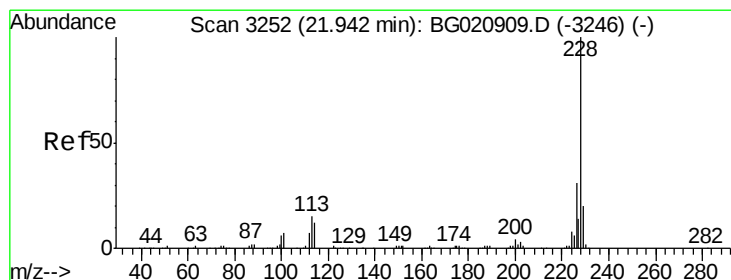
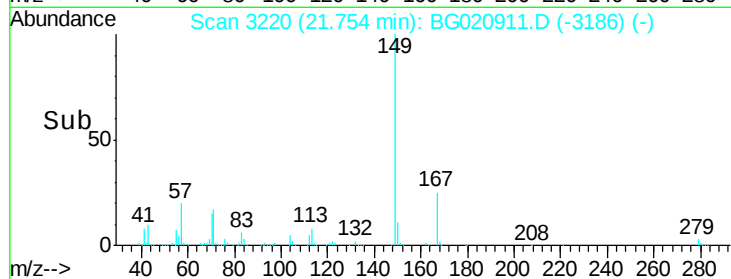
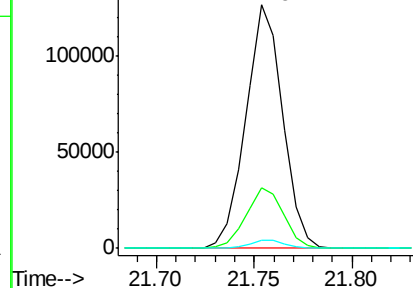
279 3.2 2.5 3.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Chrysene

Concen: 34.98 ng/ul

RT: 21.94 min Scan# 3252

Delta R.T. 0.00 min

Lab File: BG020911.D

Acq: 16 Feb 2016 16:45

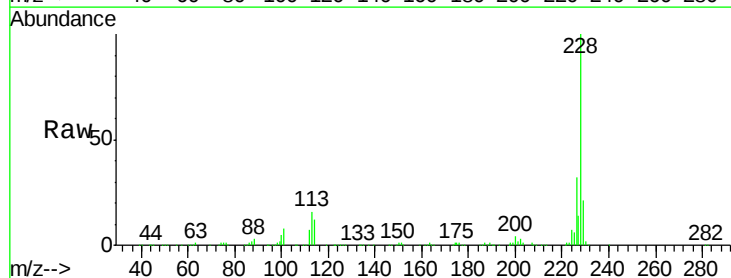
Tgt Ion:228 Resp: 277306

Ion Ratio Lower Upper

228 100

226 31.6 24.4 36.6

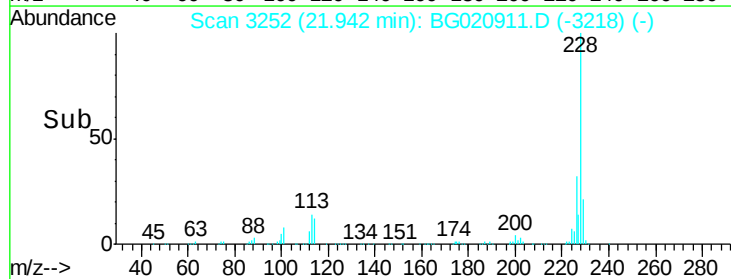
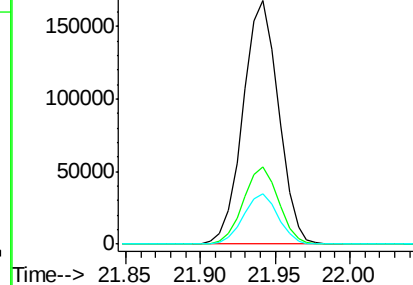
229 20.7 15.8 23.6

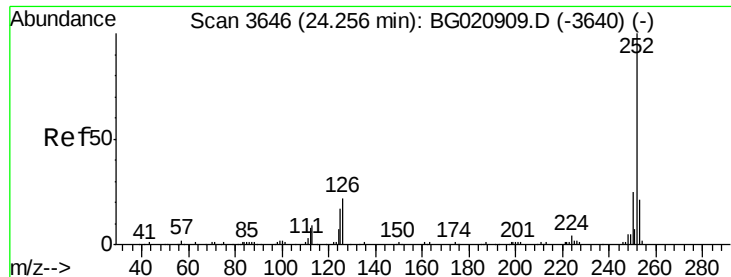


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#89

Benzo(k)fluoranthene

Concen: 43.46 ng/ul

RT: 24.26 min Scan# 3647

Delta R.T. 0.01 min

Lab File: BG020911.D

Acq: 16 Feb 2016 16:45

Instrument :

BNA_G

ClientSampleId :

D9QT5

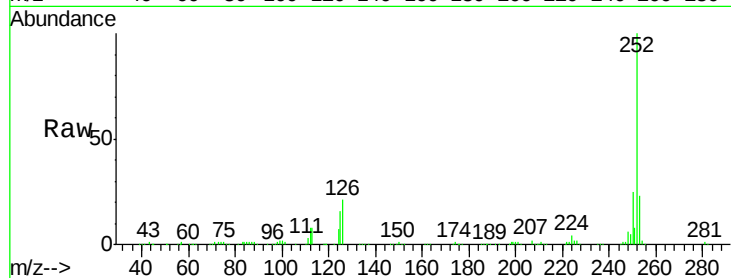
Tgt Ion:252 Resp: 341397

Ion Ratio Lower Upper

252 100

253 22.6 17.1 25.7

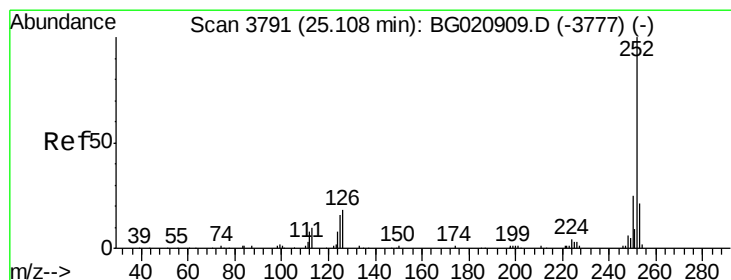
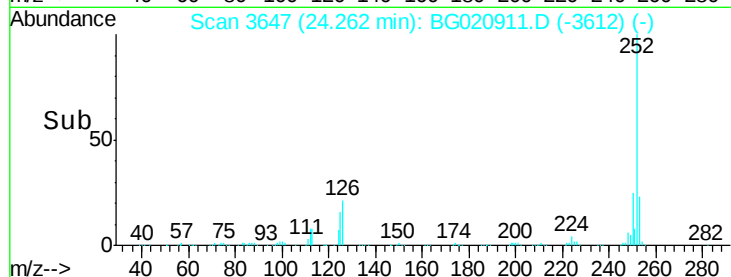
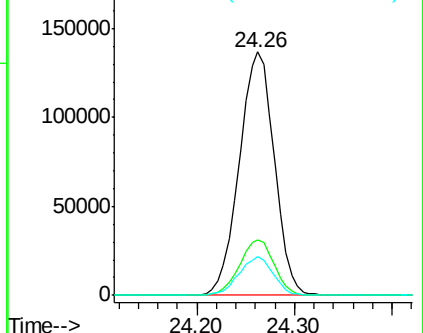
125 15.9 12.1 18.1



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Benzo(a)pyrene

Concen: 40.95 ng/ul

RT: 25.11 min Scan# 3792

Delta R.T. 0.01 min

Lab File: BG020911.D

Acq: 16 Feb 2016 16:45

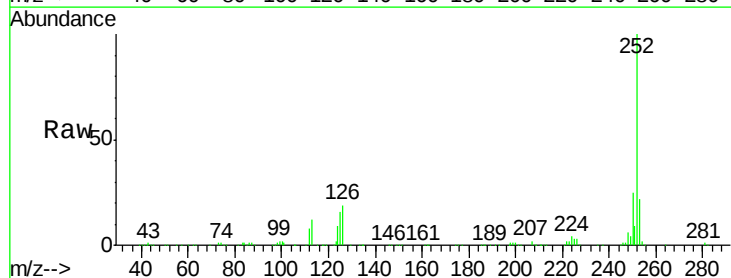
Tgt Ion:252 Resp: 318792

Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

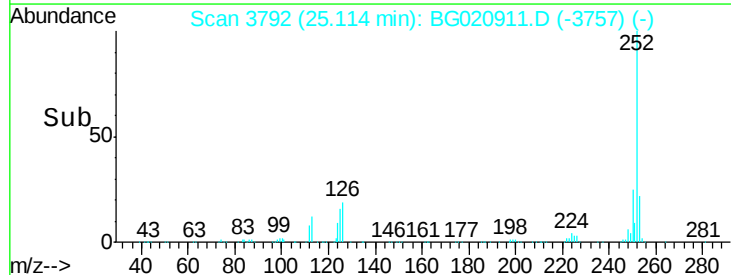
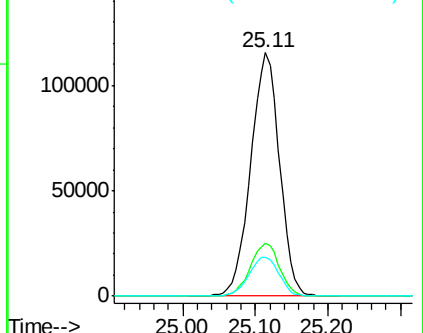
125 16.2 14.2 21.2

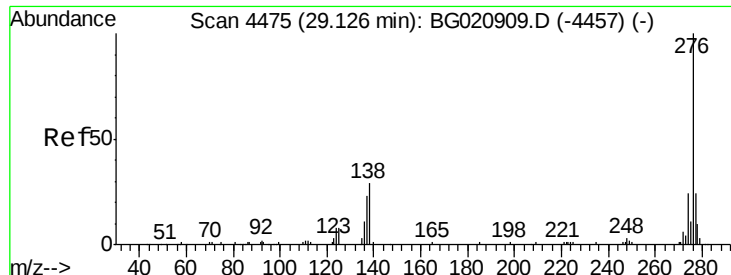


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#92

Indeno(1,2,3-cd)pyrene

Concen: 16.42 ng/ul

RT: 29.13 min Scan# 4475

Delta R.T. 0.00 min

Lab File: BG020911.D

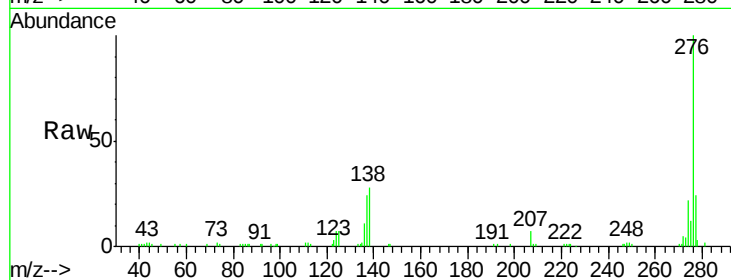
Acq: 16 Feb 2016 16:45

Instrument :

BNA_G

ClientSampleId :

D9QT5



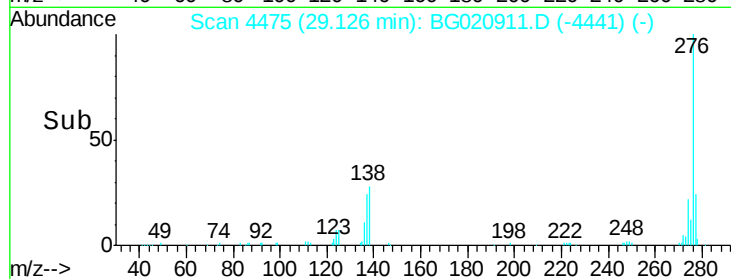
Tgt Ion: 276 Resp: 147399

Ion Ratio Lower Upper

276 100

138 27.9 22.4 33.6

277 24.0 18.5 27.7



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

