

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012115\
 Data File : BG015913.D
 Acq On : 21 Jan 2015 21:35
 Operator : TP/IZ
 Sample : G1100-14DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 8036DL

Quant Time: Jan 22 01:31:31 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 22 00:16:08 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	88552	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	349440	20.00	ng	0.00
38) Acenaphthene-d10	14.33	164	320748	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	799294	20.00	ng	0.00
75) Chrysene-d12	21.26	240	1134985	20.00	ng	0.00
86) Perylene-d12	23.51	264	1089013	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	190164	31.98	ng	0.00
7) Phenol-d6	6.87	99	333209	34.77	ng	0.00
23) Nitrobenzene-d5	8.84	82	273207	22.54	ng	0.00
41) 2,4,6-Tribromophenol	15.82	330	159873	27.23	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	470644	23.02	ng	0.00
78) Terphenyl-d14	19.71	244	1212630	23.09	ng	0.00

Target Compounds

						Qvalue
4) n-Nitrosodimethylamine	3.51	42	69643	17.46	ng	# 99
6) Aniline	7.12	93	80091	5.80	ng	# 53
11) bis(2-Chloroethyl)ether	7.12	93	80091	9.49	ng	89
12) 1,3-Dichlorobenzene	7.72	146	231888	34.34	ng	93
13) 1,4-Dichlorobenzene	7.72	146	233142	33.44	ng	97
14) 1,2-Dichlorobenzene	8.04	146	203137	29.73	ng	# 89
16) 2,2'-oxybis(1-Chloropropan	8.21	45	83898	12.30	ng	82
24) Nitrobenzene	8.89	77	172378	13.52	ng	98
28) bis(2-Chloroethoxy)methane	9.89	93	304116	29.31	ng	95
30) 1,2,4-Trichlorobenzene	10.34	180	83282	10.88	ng	# 90
32) Benzoic acid	9.80	122	207	10.39	ng	# 33
34) Hexachlorobutadiene	10.81	225	191380	25.57	ng	# 87
37) 2-Methylnaphthalene	12.14	142	197416	13.90	ng	86
46) 2-Chloronaphthalene	13.20	162	159970	9.36	ng	# 94
48) Acenaphthylene	14.05	152	352802	13.59	ng	97
49) Dimethylphthalate	13.79	163	408621	17.70	ng	# 97
50) 2,6-Dinitrotoluene	13.91	165	93041	17.86	ng	98
51) Acenaphthene	14.40	154	313388	19.22	ng	# 95
53) 2,4-Dinitrophenol	14.46	184	116	4.54	ng	# 14
54) Dibenzofuran	14.73	168	705936	26.23	ng	95
55) 4-Nitrophenol	14.73	139	287439	85.22	ng	# 1
57) Fluorene	15.38	166	134684	5.55	ng	88
60) 4-Chlorophenyl-phenylether	15.38	204	111076	6.88	ng	# 84
65) n-Nitrosodiphenylamine	15.59	169	161366	7.08	ng	95
66) 4-Bromophenyl-phenylether	16.27	248	221196	18.95	ng	97
67) Hexachlorobenzene	16.39	284	164103	13.01	ng	98
69) Pentachlorophenol	16.75	266	1307	5.47	ng	# 17
70) Phenanthrene	17.21	178	847248	21.13	ng	95
71) Anthracene	17.21	178	847715	21.54	ng	98
73) Di-n-butylphthalate	18.05	149	677709	16.97	ng	96
74) Fluoranthene	19.14	202	453636	8.47	ng	95
77) Pyrene	19.50	202	1202387	22.29	ng	94
79) Butylbenzylphthalate	20.41	149	562965	28.47	ng	95
80) Benzo(a)anthracene	21.25	228	1678160	26.19	ng	93

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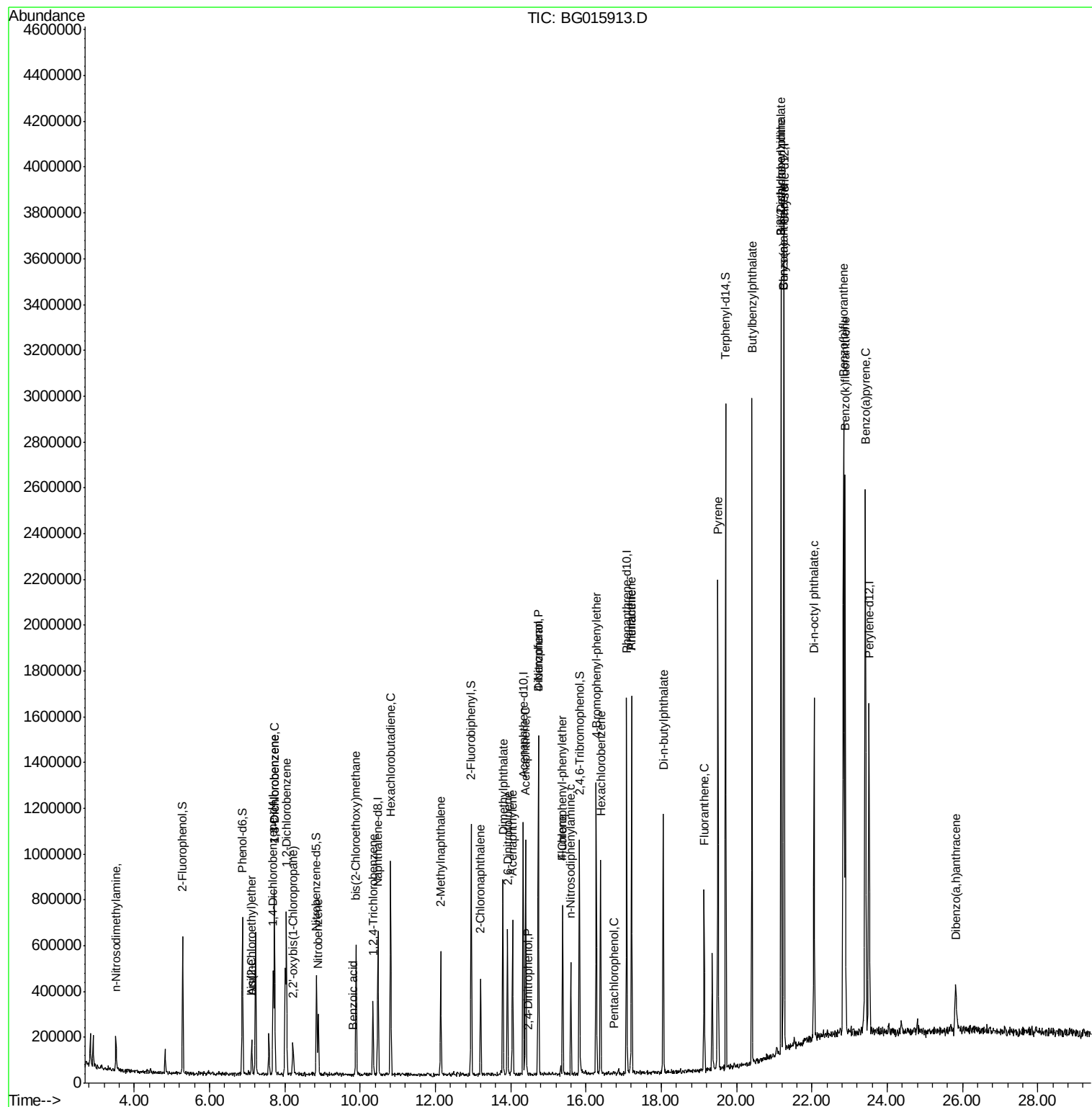
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) 3,3'-Dichlorobenzidine	21.19	252	112996	4.46	ng	91
82) Chrysene	21.25	228	1678160	27.90	ng	91
83) Bis(2-ethylhexyl)phthalate	21.18	149	873276	32.84	ng	99
84) Di-n-octyl phthalate	22.06	149	834878	20.29	ng	98
87) Benzo(b)fluoranthene	22.84	252	2003885	32.24	ng	# 99
88) Benzo(k)fluoranthene	22.88	252	1526121	25.36	ng	94
89) Benzo(a)pyrene	23.42	252	1961424	32.79	ng	96
90) Dibenzo(a,h)anthracene	25.82	278	269865	4.75	ng	# 93

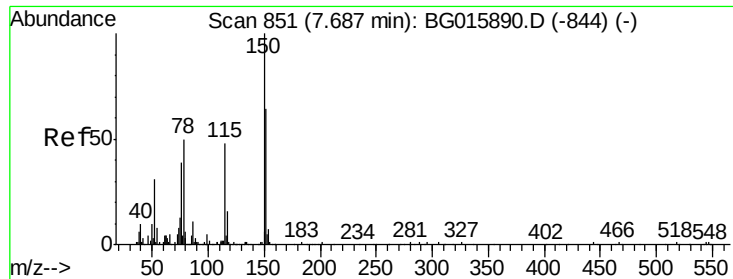
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.69 min Scan# 851

Delta R.T. -0.00 min

Lab File: BG015913.D

Acq: 21 Jan 2015 21:35

Instrument :

BNA_G

ClientSampleId :

8036DL

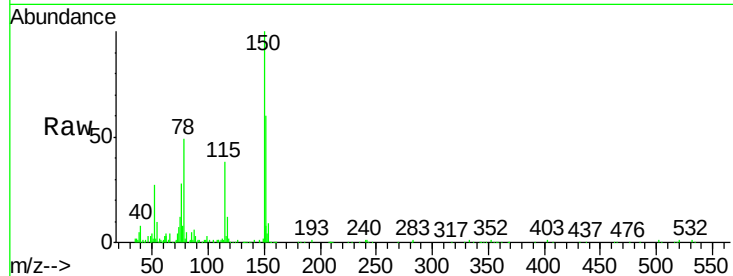
Tgt Ion:152 Resp: 88552

Ion Ratio Lower Upper

152 100

150 167.6 124.5 186.7

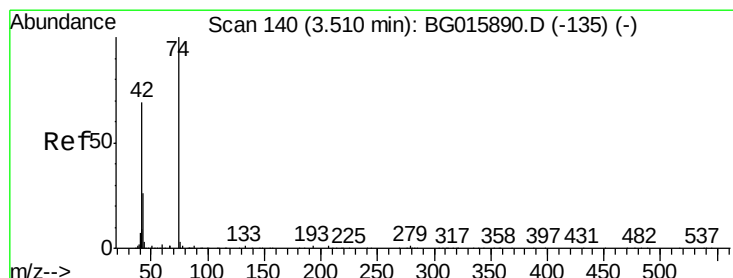
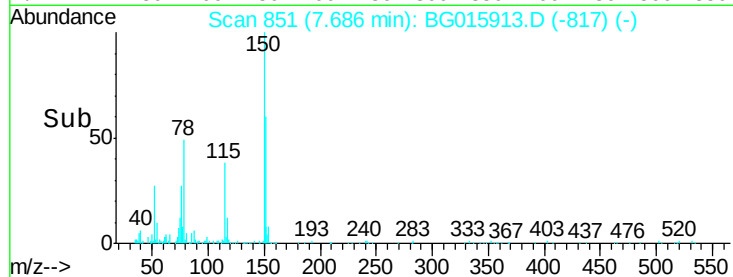
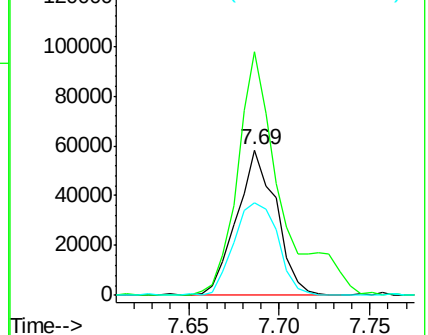
115 63.9 60.4 90.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#4

n-Nitrosodimethylamine

Concen: 17.46 ng

RT: 3.51 min Scan# 140

Delta R.T. -0.00 min

Lab File: BG015913.D

Acq: 21 Jan 2015 21:35

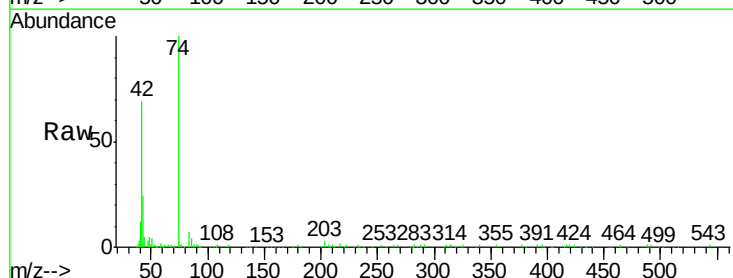
Tgt Ion: 42 Resp: 69643

Ion Ratio Lower Upper

42 100

74 144.5 116.0 174.0

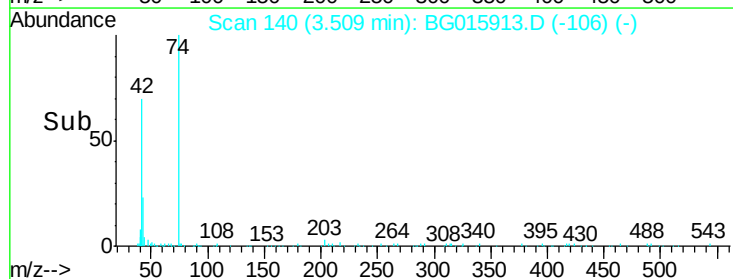
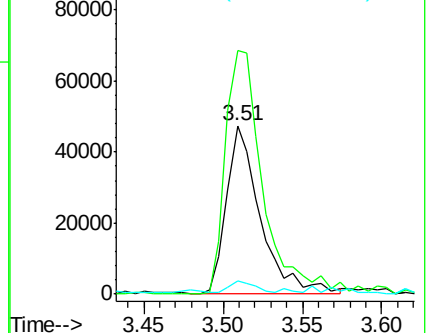
44 7.8 3.8 5.8#

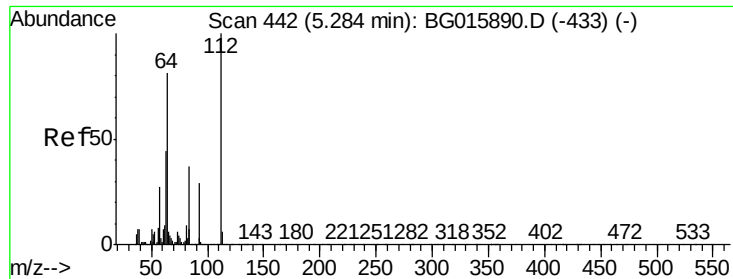


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 31.98 ng

RT: 5.28 min Scan# 442

Delta R.T. -0.00 min

Lab File: BG015913.D

Acq: 21 Jan 2015 21:35

Instrument :

BNA_G

ClientSampleId :

8036DL

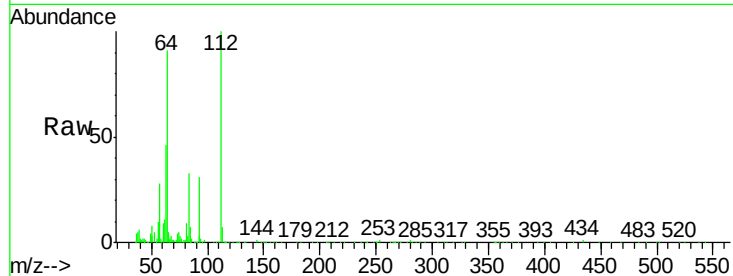
Tgt Ion: 112 Resp: 190164

Ion Ratio Lower Upper

112 100

64 90.8 64.4 96.6

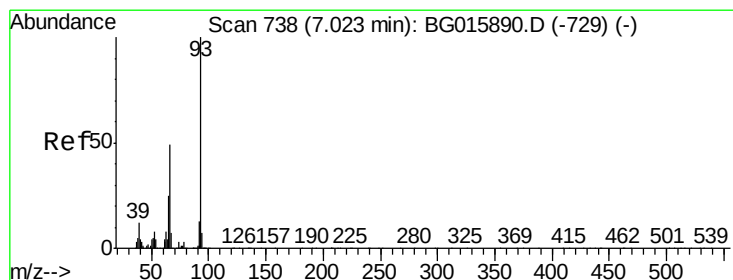
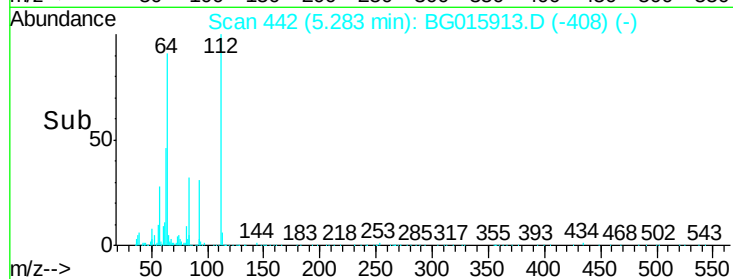
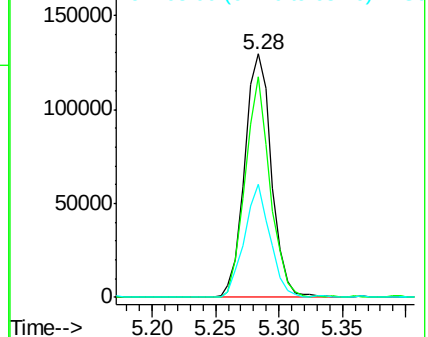
63 46.3 35.1 52.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 5.80 ng

RT: 7.12 min Scan# 754

Delta R.T. 0.10 min

Lab File: BG015913.D

Acq: 21 Jan 2015 21:35

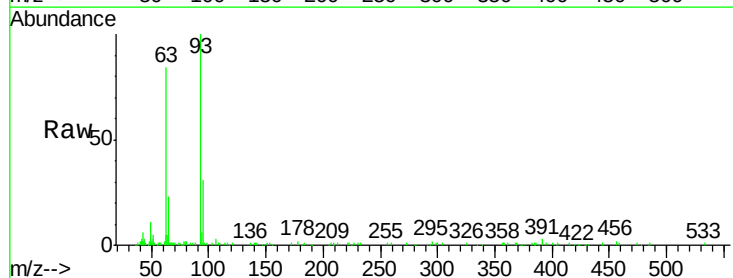
Tgt Ion: 93 Resp: 80091

Ion Ratio Lower Upper

93 100

66 1.2 39.0 58.6#

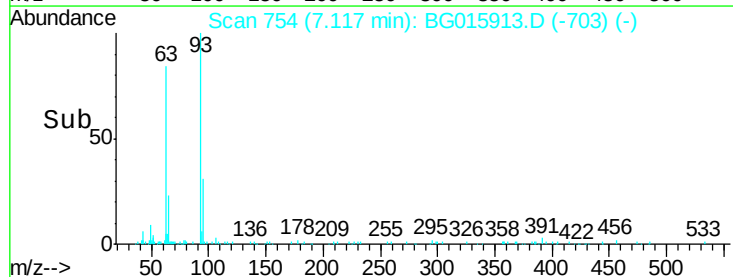
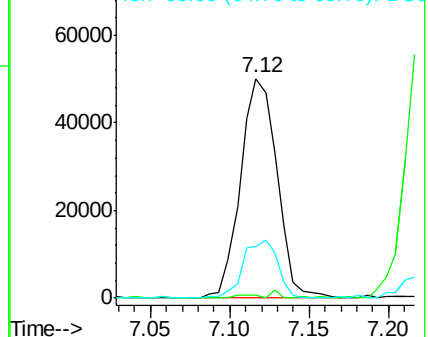
65 23.3 19.8 29.6

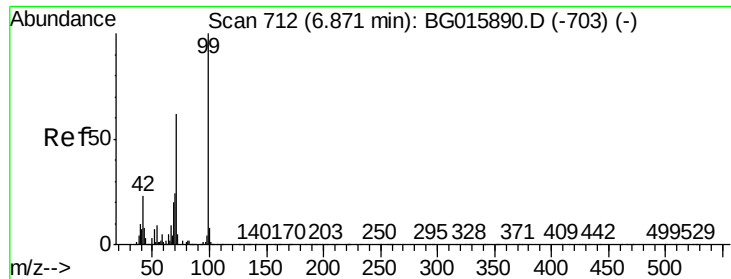


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 34.77 ng

RT: 6.87 min Scan# 712

Delta R.T. -0.00 min

Lab File: BG015913.D

Acq: 21 Jan 2015 21:35

Instrument :

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ClientSampleId :

8036DL

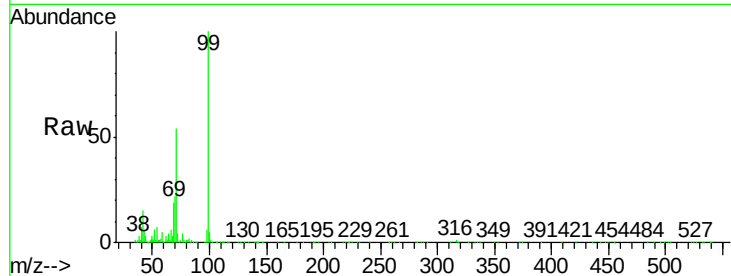
Tgt Ion: 99 Resp: 333209

Ion Ratio Lower Upper

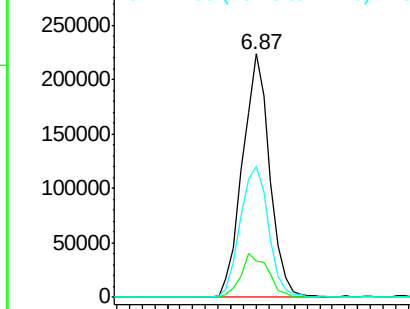
99 100

42 15.0 18.1 27.1#

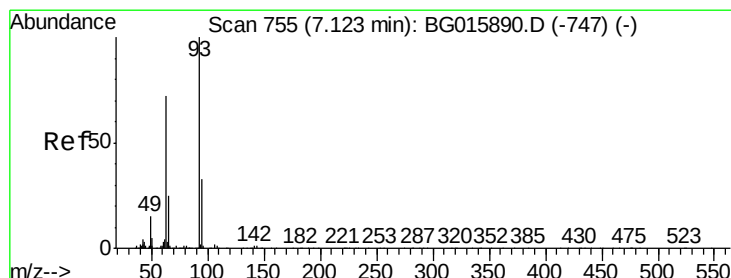
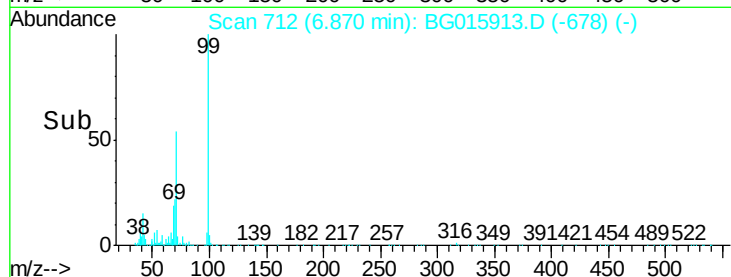
71 53.9 49.8 74.8



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



Time-->



#11

bis(2-Chloroethyl)ether

Concen: 9.49 ng

RT: 7.12 min Scan# 754

Delta R.T. -0.00 min

Lab File: BG015913.D

Acq: 21 Jan 2015 21:35

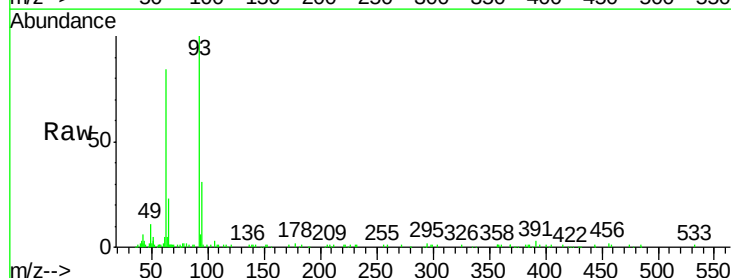
Tgt Ion: 93 Resp: 80091

Ion Ratio Lower Upper

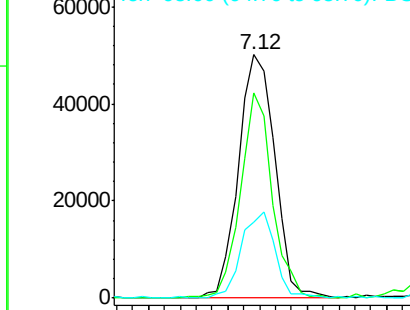
93 100

63 84.3 51.7 91.7

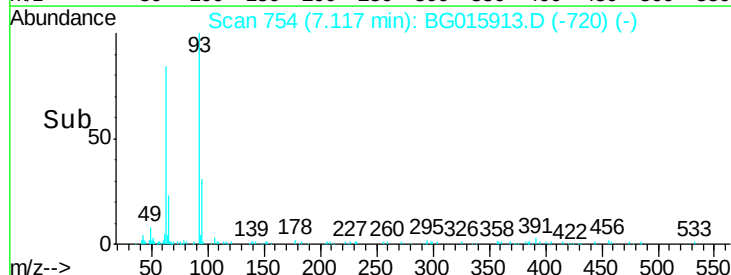
95 31.0 12.7 52.7

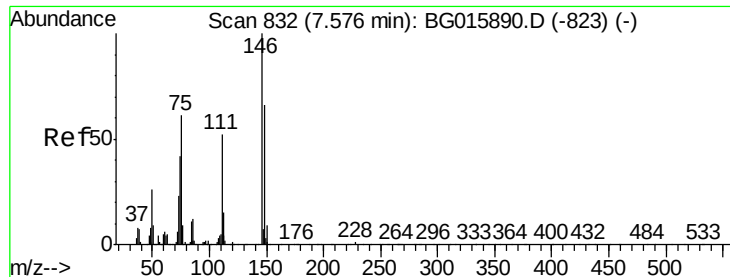


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



Time-->

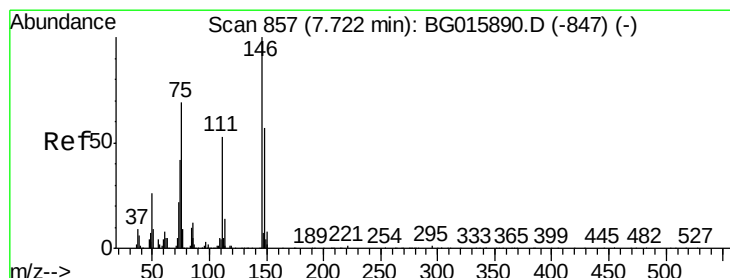
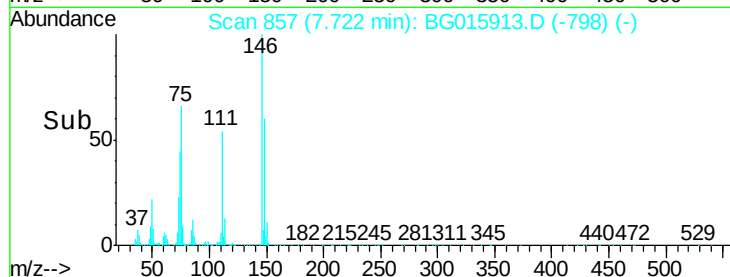
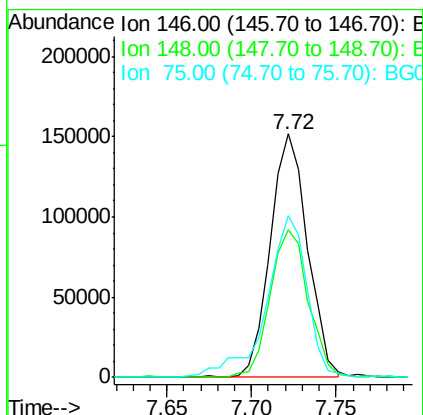
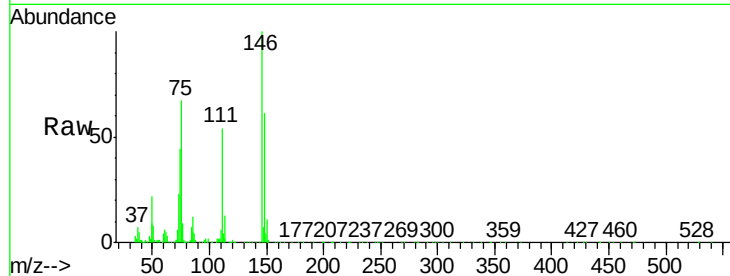




#12
 1,3-Dichlorobenzene
 Concen: 34.34 ng
 RT: 7.72 min Scan# 857
 Delta R.T. 0.15 min
 Lab File: BG015913.D
 Acq: 21 Jan 2015 21:35

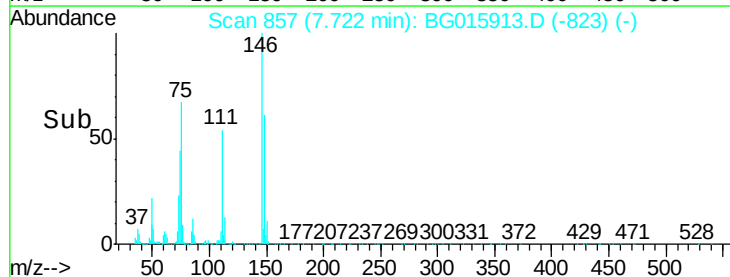
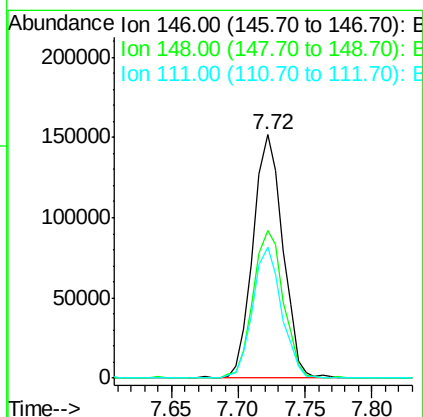
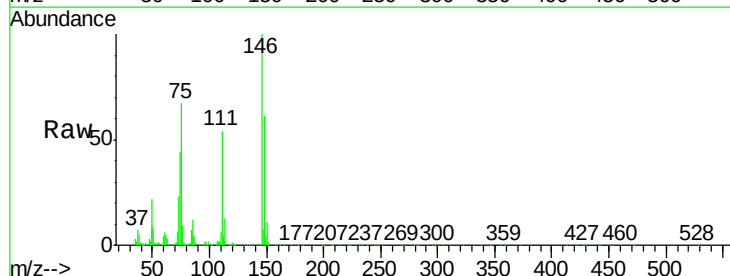
Instrument :
 BNA_G
 ClientSampleId :
 8036DL

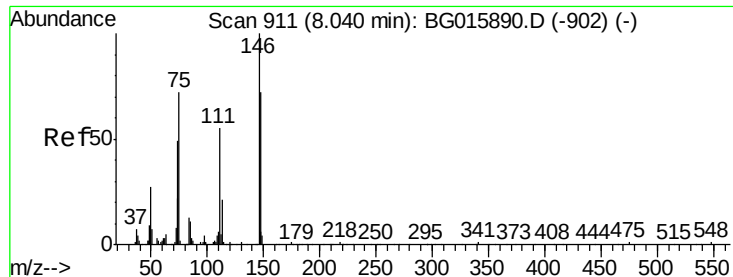
Tgt Ion:146 Resp: 231888
 Ion Ratio Lower Upper
 146 100
 148 60.5 53.0 79.4
 75 66.6 48.6 72.8



#13
 1,4-Dichlorobenzene
 Concen: 33.44 ng
 RT: 7.72 min Scan# 857
 Delta R.T. -0.00 min
 Lab File: BG015913.D
 Acq: 21 Jan 2015 21:35

Tgt Ion:146 Resp: 233142
 Ion Ratio Lower Upper
 146 100
 148 60.5 45.7 68.5
 111 53.8 42.1 63.1





#14

1,2-Dichlorobenzene

Concen: 29.73 ng

RT: 8.04 min Scan# 911

Delta R.T. -0.00 min

Lab File: BG015913.D

Acq: 21 Jan 2015 21:35

Instrument :

BNA_G

ClientSampleId :

8036DL

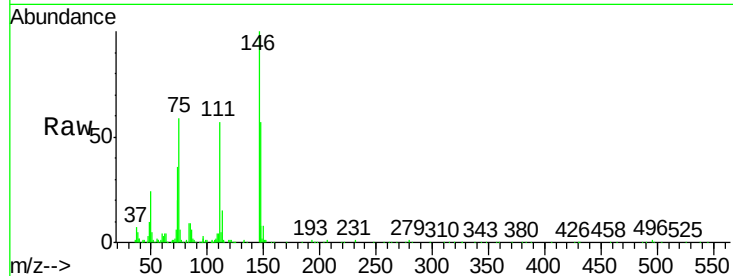
Tgt Ion:146 Resp: 203137

Ion Ratio Lower Upper

146 100

148 57.0 57.7 86.5#

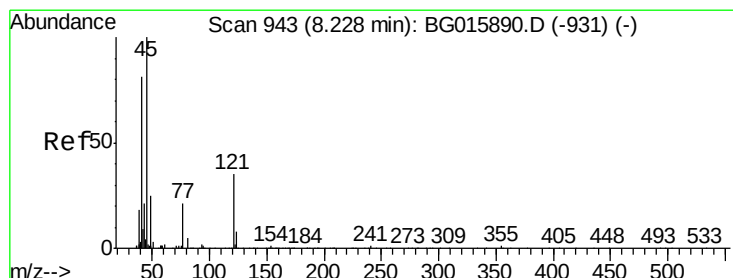
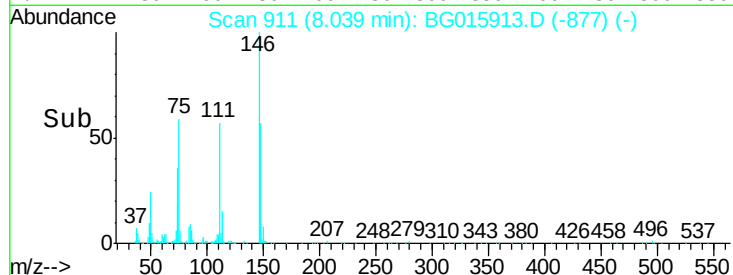
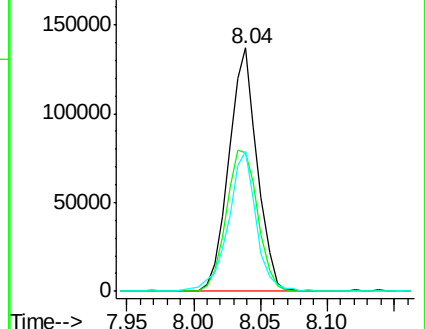
111 57.2 44.6 66.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#16

2,2'-oxybis(1-chloropropane)

Concen: 12.30 ng

RT: 8.21 min Scan# 940

Delta R.T. -0.01 min

Lab File: BG015913.D

Acq: 21 Jan 2015 21:35

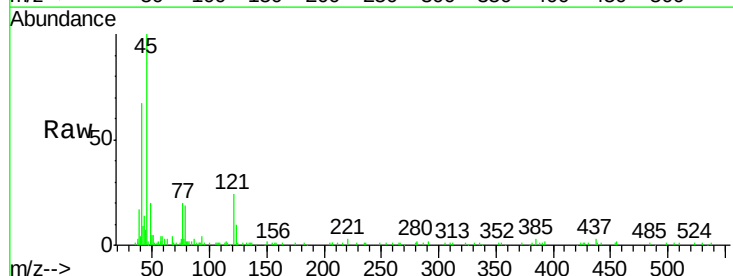
Tgt Ion: 45 Resp: 83898

Ion Ratio Lower Upper

45 100

77 20.3 16.0 56.0

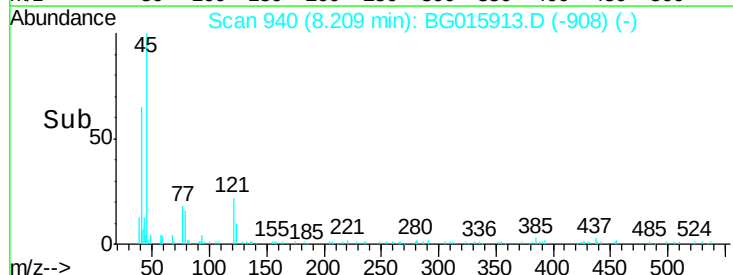
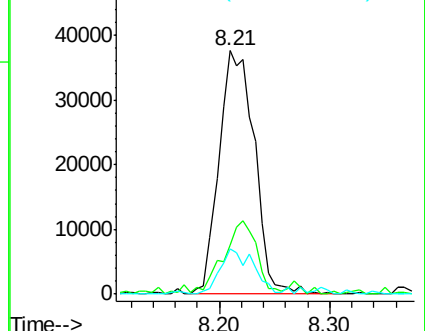
79 18.6 0.0 38.7

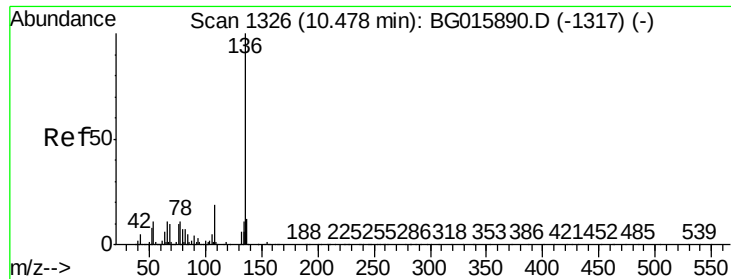


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

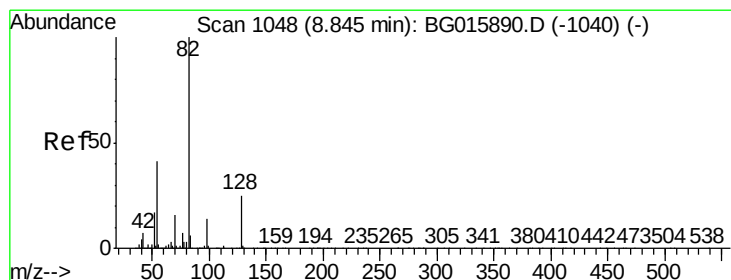
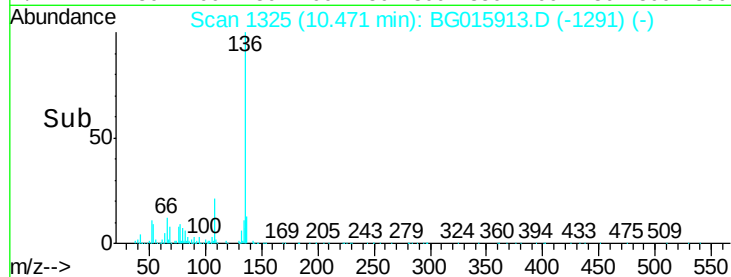
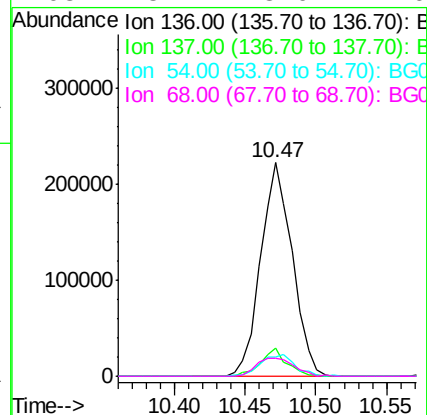
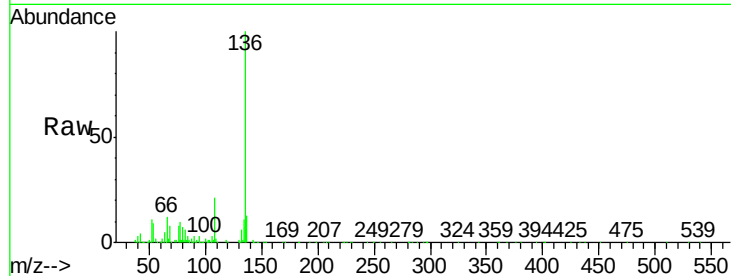




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.47 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG015913.D
Acq: 21 Jan 2015 21:35

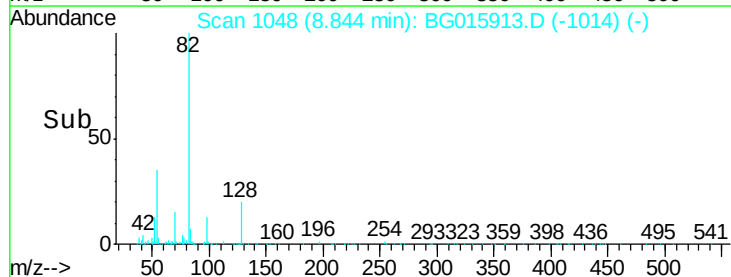
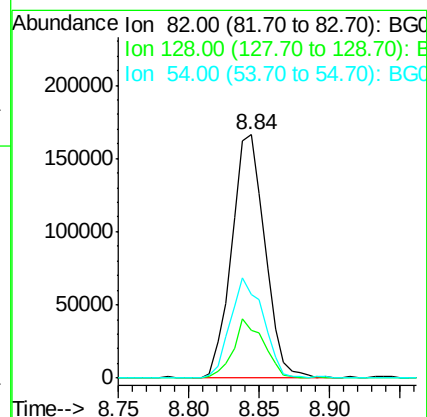
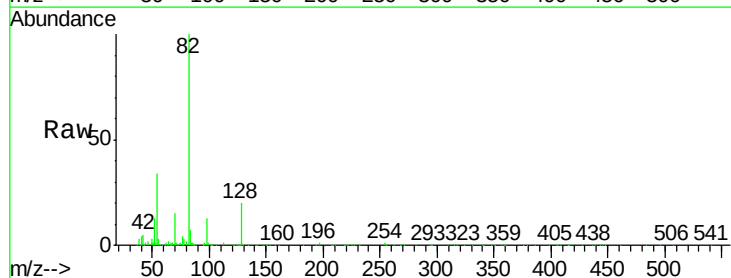
Instrument :
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ClientSampleId :
8036DL

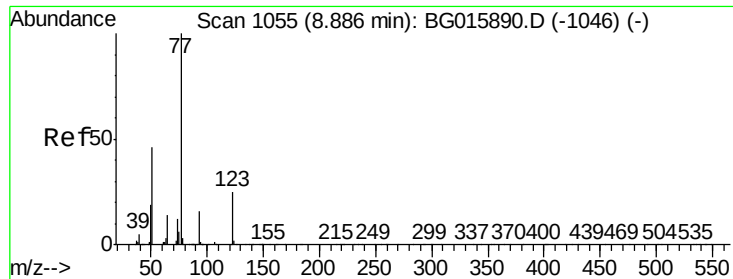
Tgt Ion:	136	Resp:	349440
Ion	Ratio	Lower	Upper
136	100		
137	13.3	9.7	14.5
54	9.3	8.5	12.7
68	8.4	8.0	12.0



#23
Nitrobenzene-d5
Concen: 22.54 ng
RT: 8.84 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BG015913.D
Acq: 21 Jan 2015 21:35

Tgt Ion:	82	Resp:	273207
Ion	Ratio	Lower	Upper
82	100		
128	20.7	19.8	29.8
54	34.5	33.0	49.4

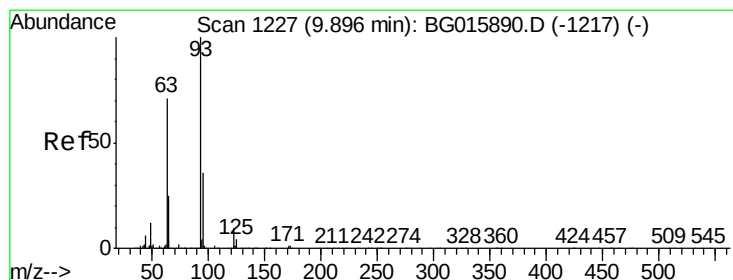
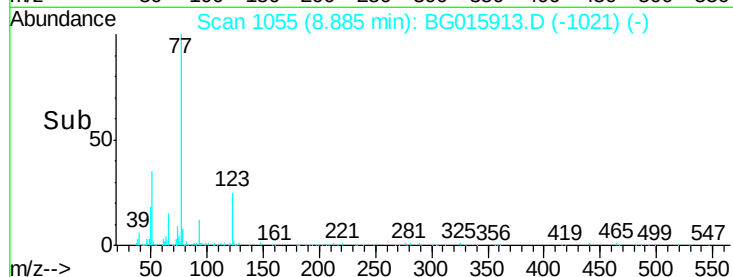
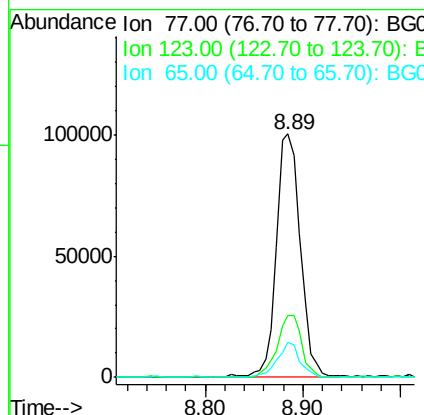
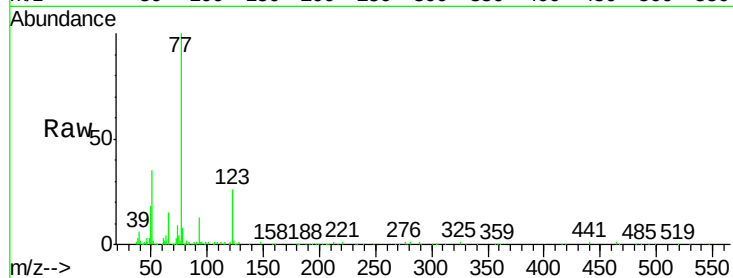




#24
 Nitrobenzene
 Concen: 13.52 ng
 RT: 8.89 min Scan# 1055
 Delta R.T. -0.00 min
 Lab File: BG015913.D
 Acq: 21 Jan 2015 21:35

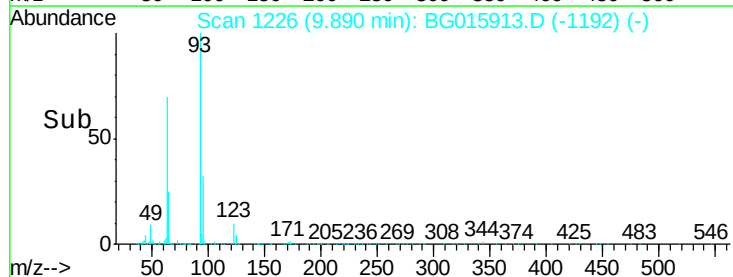
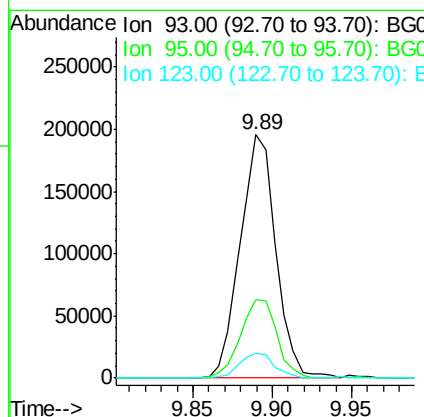
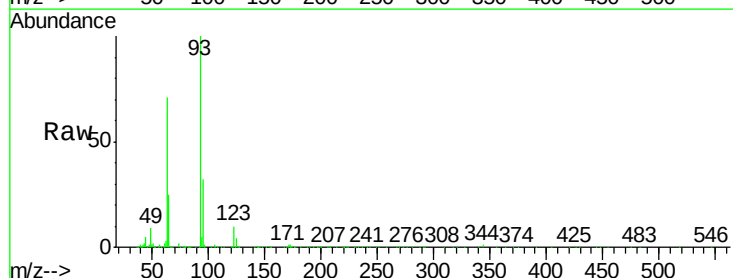
Instrument :
 BNA_G
 ClientSampled :
 8036DL

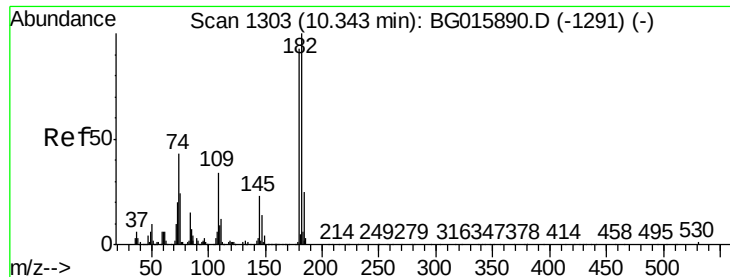
Tgt Ion	Ratio	Lower	Upper
77	100		
123	25.6	20.0	30.0
65	14.6	11.0	16.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 29.31 ng
 RT: 9.89 min Scan# 1226
 Delta R.T. -0.00 min
 Lab File: BG015913.D
 Acq: 21 Jan 2015 21:35

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	28.6	42.8
123	10.3	7.9	11.9

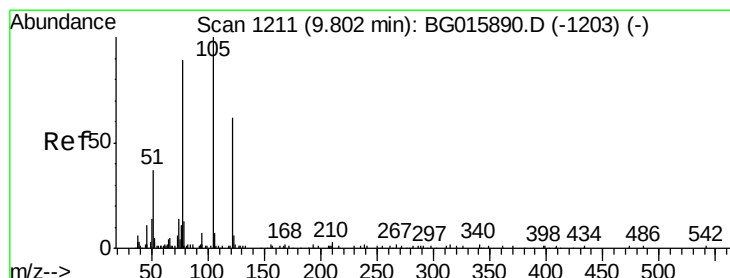
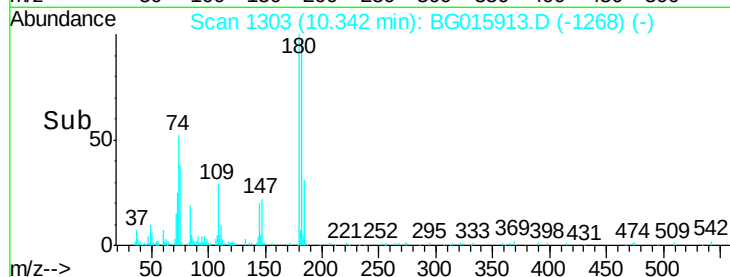
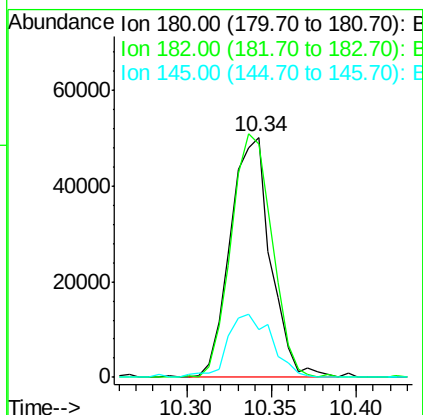
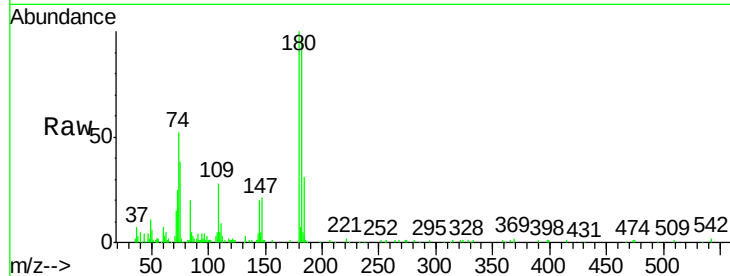




#30
1,2,4-Trichlorobenzene
Concen: 10.88 ng
RT: 10.34 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BG015913.D
Acq: 21 Jan 2015 21:35

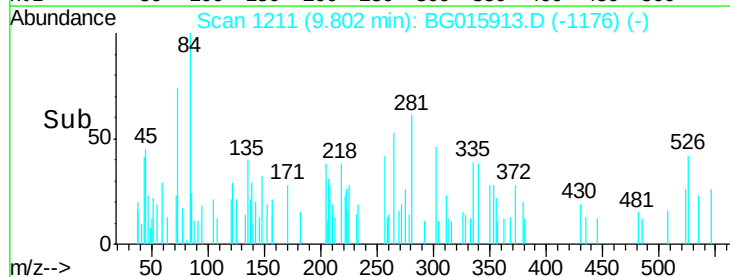
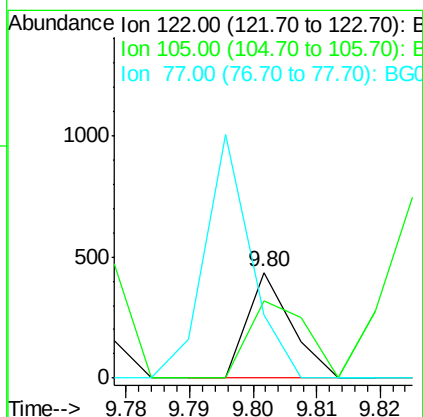
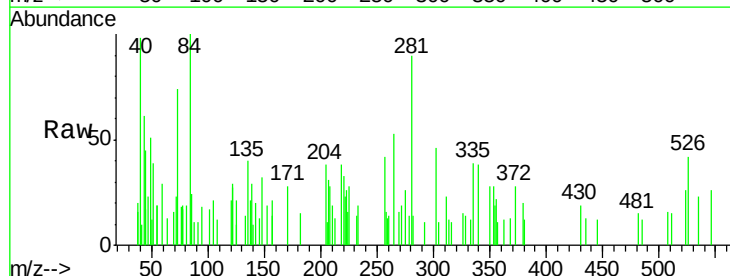
Instrument :
BNA_G
ClientSampleId :
8036DL

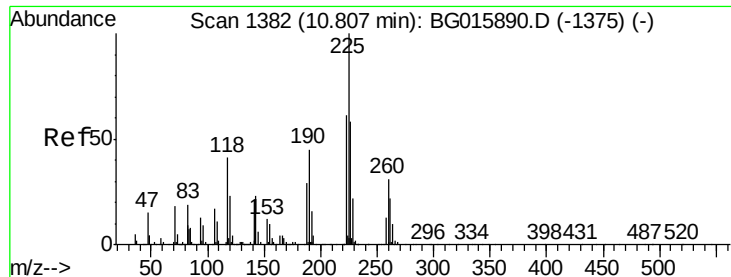
Tgt Ion:180 Resp: 83282
Ion Ratio Lower Upper
180 100
182 97.1 86.4 129.6
145 19.7 20.1 30.1#



#32
Benzoic acid
Concen: 10.39 ng
RT: 9.80 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BG015913.D
Acq: 21 Jan 2015 21:35

Tgt Ion:122 Resp: 207
Ion Ratio Lower Upper
122 100
105 72.6 140.2 180.2#
77 60.5 126.4 166.4#

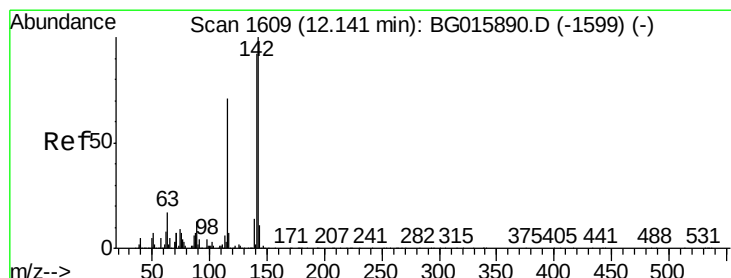
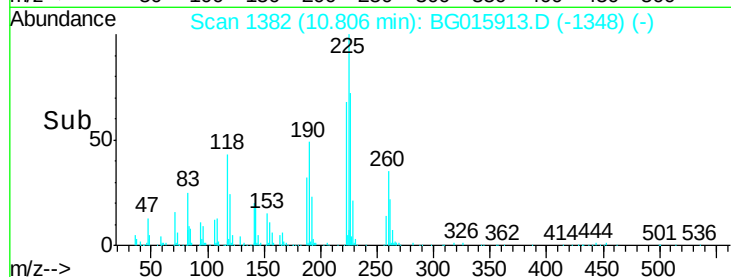
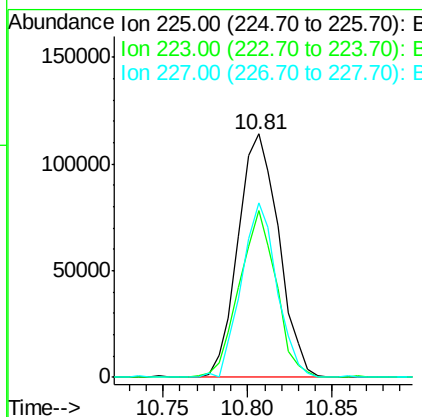
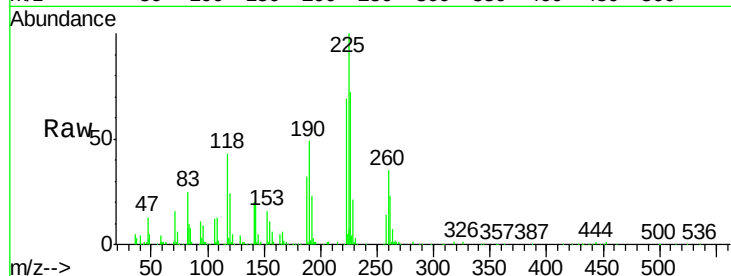




#34
Hexachlorobutadiene
Concen: 25.57 ng
RT: 10.81 min Scan# 1382
Delta R.T. -0.00 min
Lab File: BG015913.D
Acq: 21 Jan 2015 21:35

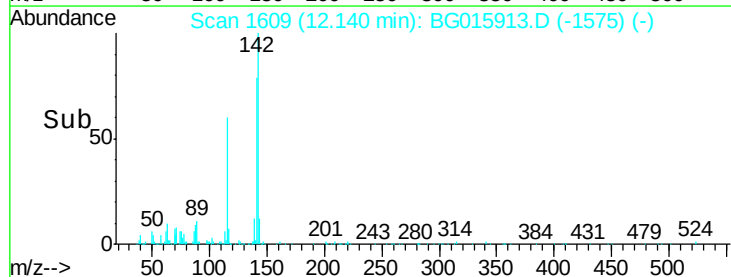
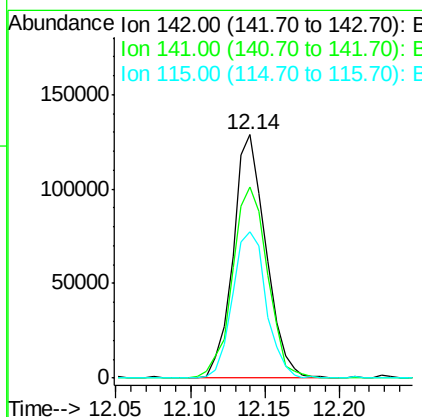
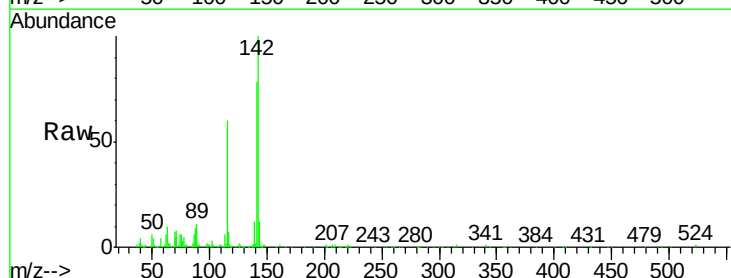
Instrument :
BNA_G
ClientSampleId :
8036DL

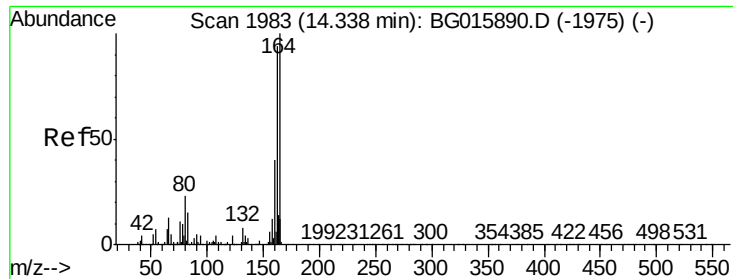
Tgt Ion: 225 Resp: 191380
Ion Ratio Lower Upper
225 100
223 68.7 49.9 74.9
227 70.6 45.3 67.9#



#37
2-Methylnaphthalene
Concen: 13.90 ng
RT: 12.14 min Scan# 1609
Delta R.T. -0.00 min
Lab File: BG015913.D
Acq: 21 Jan 2015 21:35

Tgt Ion: 142 Resp: 197416
Ion Ratio Lower Upper
142 100
141 78.5 73.8 110.8
115 60.3 56.6 84.8





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.33 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BG015913.D

Acq: 21 Jan 2015 21:35

Instrument :

BNA_G

ClientSampleId :

8036DL

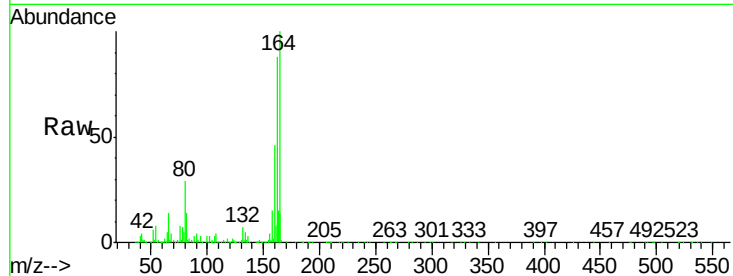
Tgt Ion:164 Resp: 320748

Ion Ratio Lower Upper

164 100

162 88.1 75.1 112.7

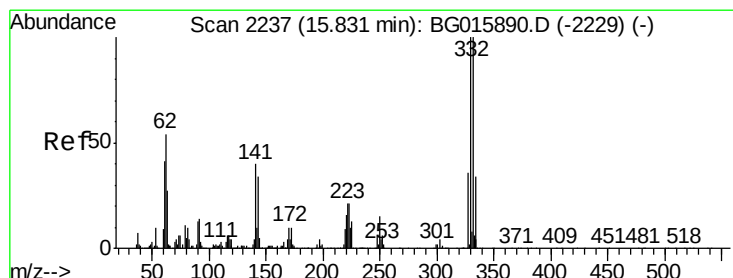
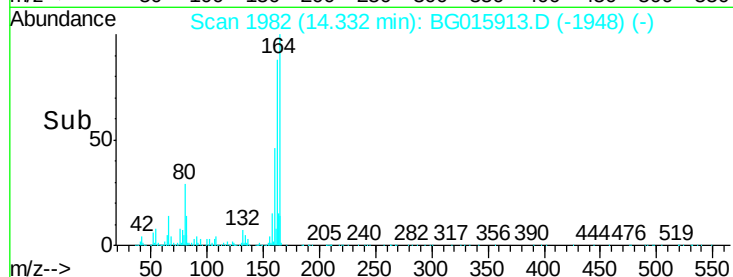
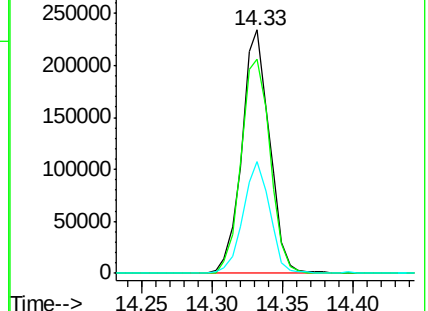
160 45.9 32.3 48.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 27.23 ng

RT: 15.82 min Scan# 2236

Delta R.T. -0.00 min

Lab File: BG015913.D

Acq: 21 Jan 2015 21:35

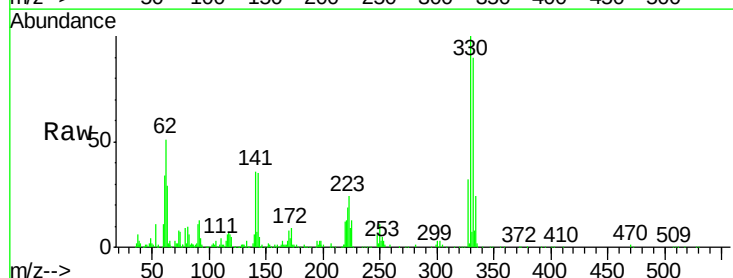
Tgt Ion:330 Resp: 159873

Ion Ratio Lower Upper

330 100

332 99.1 75.4 113.0

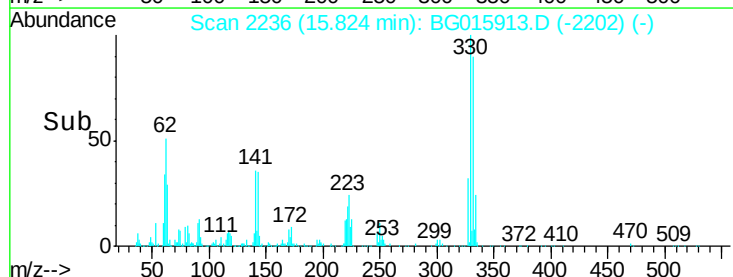
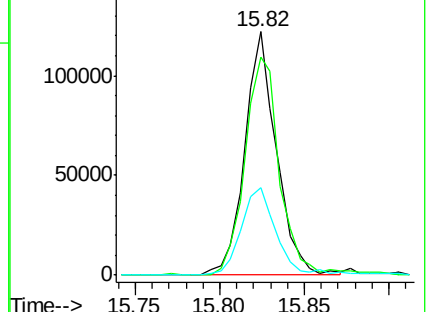
141 40.4 33.0 49.6

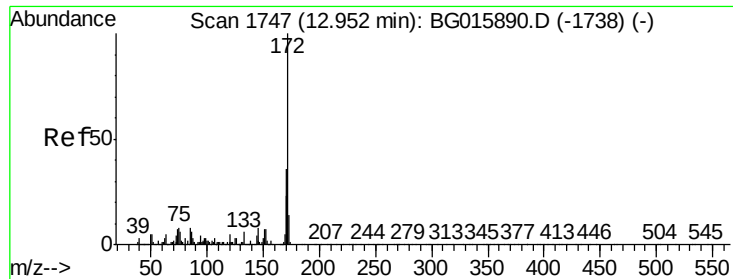


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 23.02 ng

RT: 12.95 min Scan# 1747

Delta R.T. -0.00 min

Lab File: BG015913.D

Acq: 21 Jan 2015 21:35

Instrument :

BNA_G

ClientSampleId :

8036DL

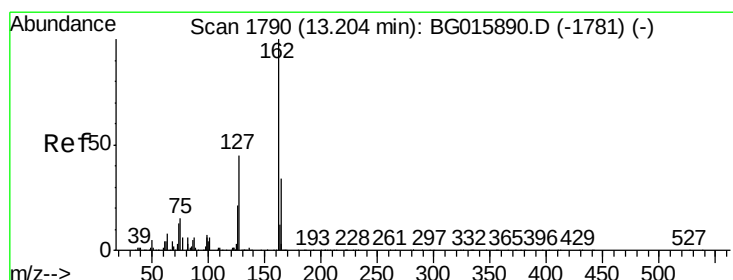
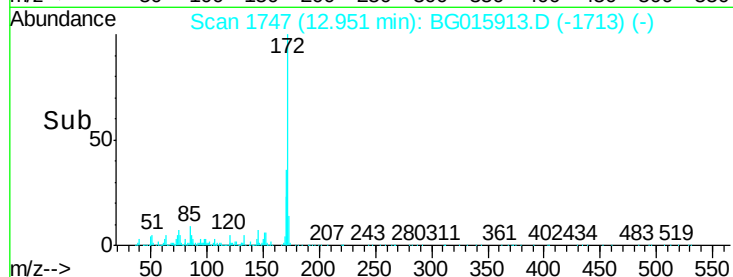
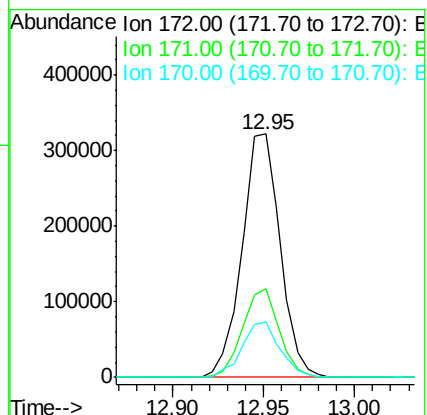
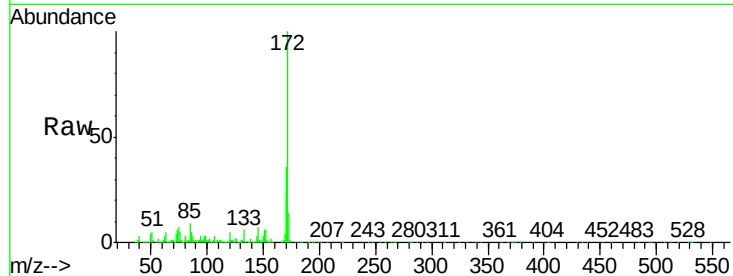
Tgt Ion:172 Resp: 470644

Ion Ratio Lower Upper

172 100

171 36.3 29.2 43.8

170 23.0 18.6 27.8



#46

2-Chloronaphthalene

Concen: 9.36 ng

RT: 13.20 min Scan# 1789

Delta R.T. -0.01 min

Lab File: BG015913.D

Acq: 21 Jan 2015 21:35

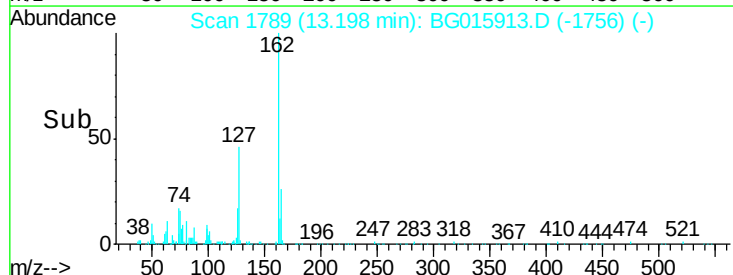
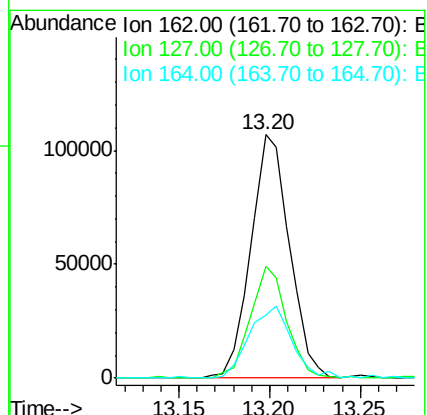
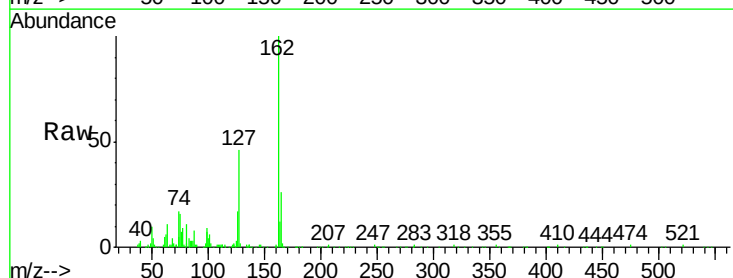
Tgt Ion:162 Resp: 159970

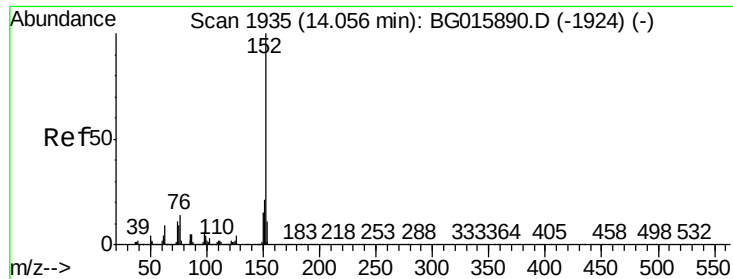
Ion Ratio Lower Upper

162 100

127 46.1 37.1 55.7

164 25.7 27.0 40.4#





#48

Acenaphthylene

Concen: 13.59 ng

RT: 14.05 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BG015913.D

Acq: 21 Jan 2015 21:35

Instrument :

BNA_G

ClientSampleId :

8036DL

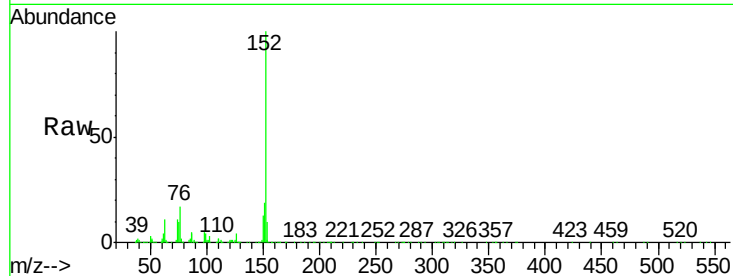
Tgt Ion:152 Resp: 352802

Ion Ratio Lower Upper

152 100

151 19.3 16.6 24.8

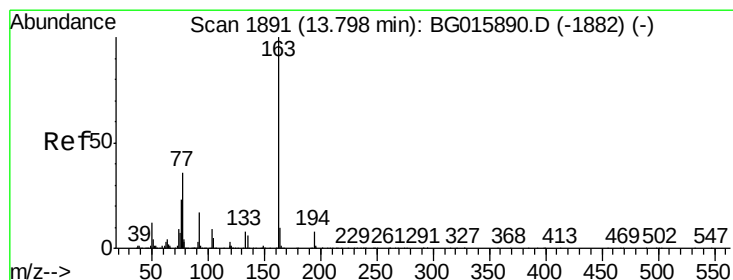
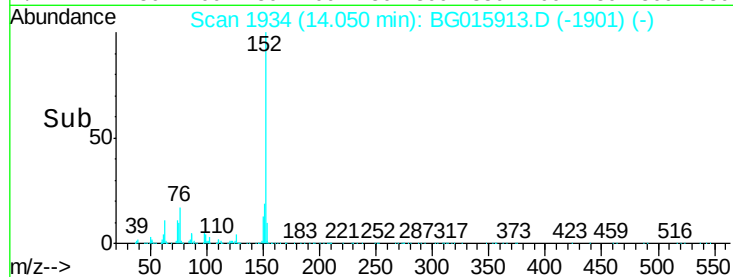
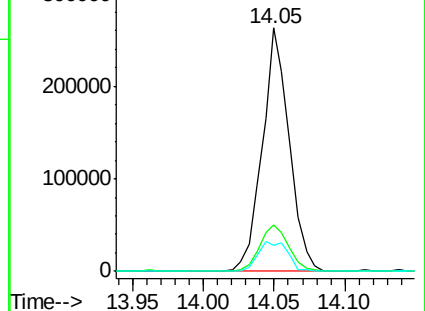
153 10.5 8.9 13.3



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

Dimethylphthalate

Concen: 17.70 ng

RT: 13.79 min Scan# 1890

Delta R.T. -0.01 min

Lab File: BG015913.D

Acq: 21 Jan 2015 21:35

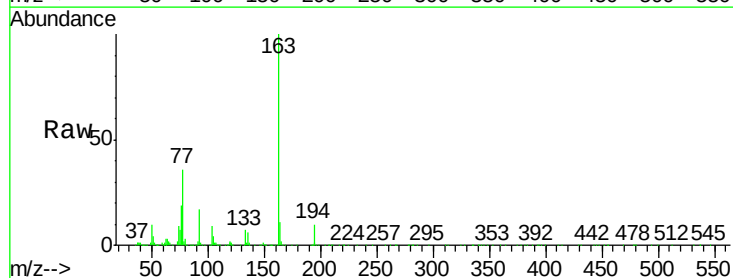
Tgt Ion:163 Resp: 408621

Ion Ratio Lower Upper

163 100

194 9.7 6.2 9.4#

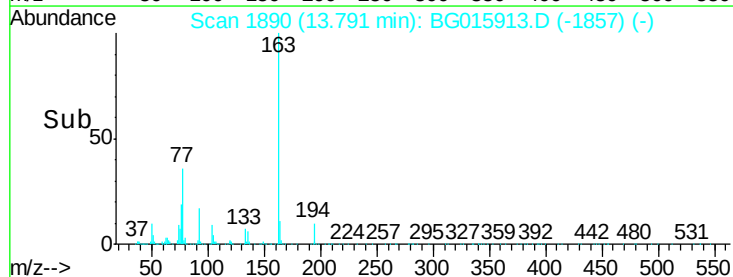
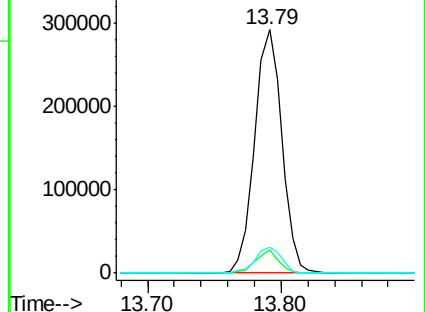
164 10.6 8.0 12.0

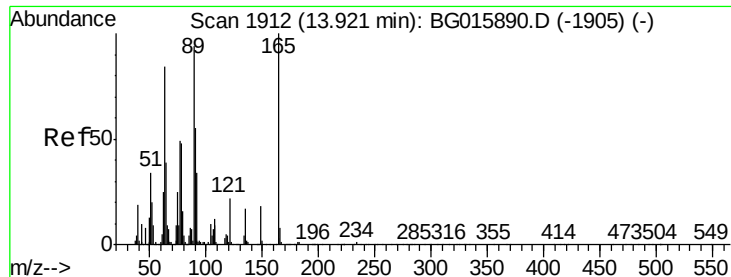


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

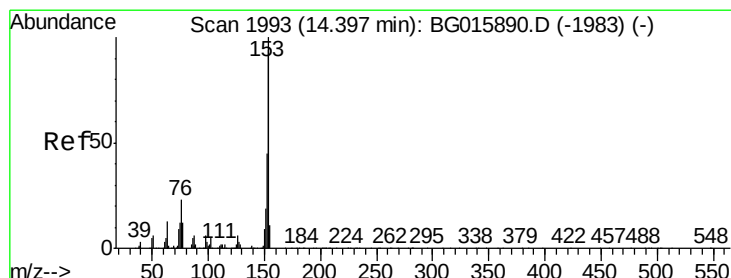
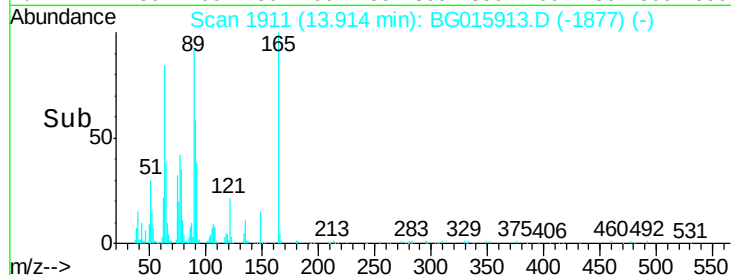
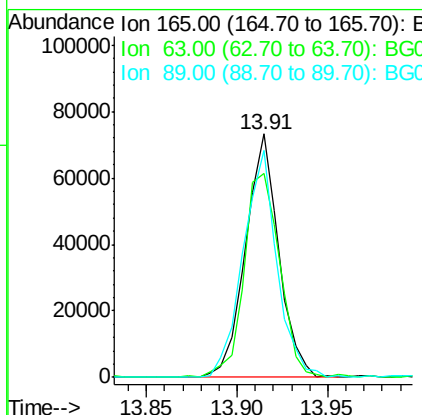
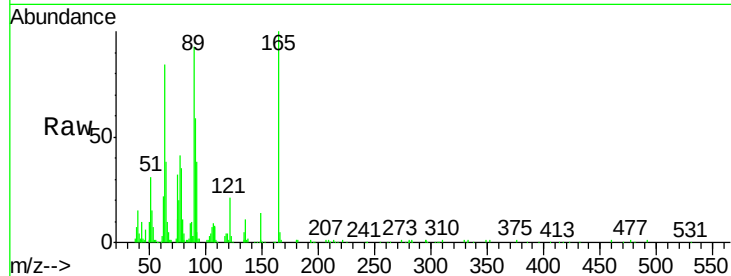




#50
 2,6-Dinitrotoluene
 Concen: 17.86 ng
 RT: 13.91 min Scan# 1911
 Delta R.T. -0.00 min
 Lab File: BG015913.D
 Acq: 21 Jan 2015 21:35

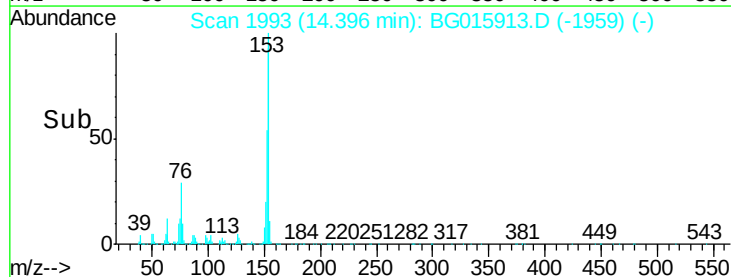
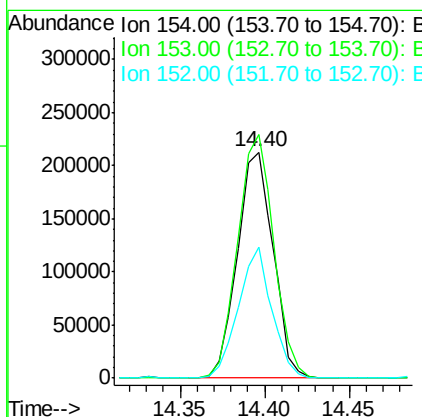
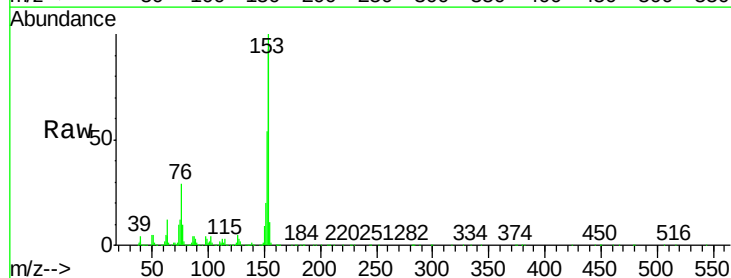
Instrument :
 BNA_G
 ClientSampleId :
 8036DL

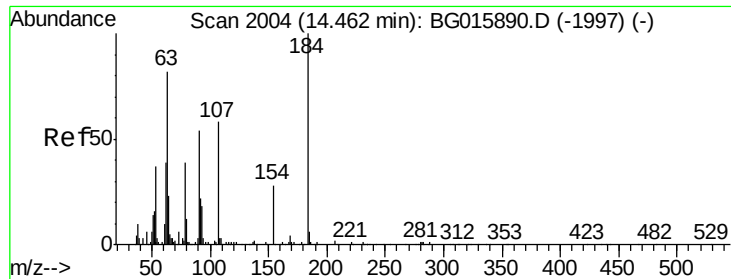
Tgt Ion:165 Resp: 93041
 Ion Ratio Lower Upper
 165 100
 63 83.8 68.3 102.5
 89 93.0 75.4 113.2



#51
 Acenaphthene
 Concen: 19.22 ng
 RT: 14.40 min Scan# 1993
 Delta R.T. -0.00 min
 Lab File: BG015913.D
 Acq: 21 Jan 2015 21:35

Tgt Ion:154 Resp: 313388
 Ion Ratio Lower Upper
 154 100
 153 107.6 85.1 127.7
 152 58.0 38.3 57.5#

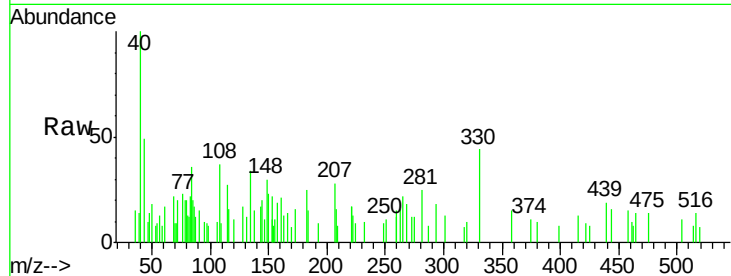




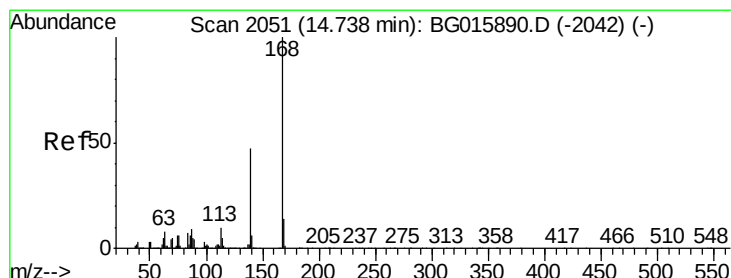
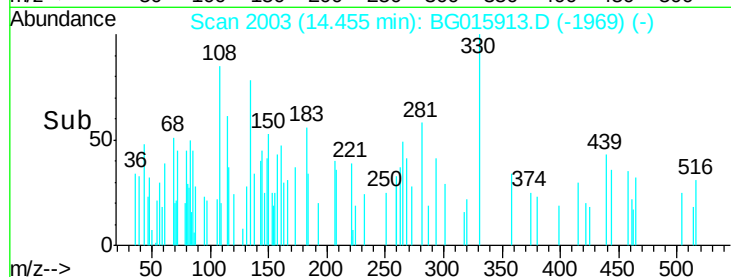
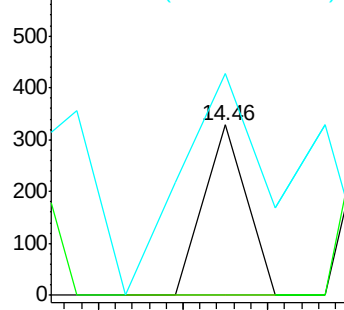
#53
2,4-Dinitrophenol
Concen: 4.54 ng
RT: 14.46 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BG015913.D
Acq: 21 Jan 2015 21:35

Instrument :
BNA_G
ClientSampleId :
8036DL

Tgt Ion:184 Resp: 116
Ion Ratio Lower Upper
184 100
63 0.0 68.6 103.0#
154 130.2 54.9 82.3#

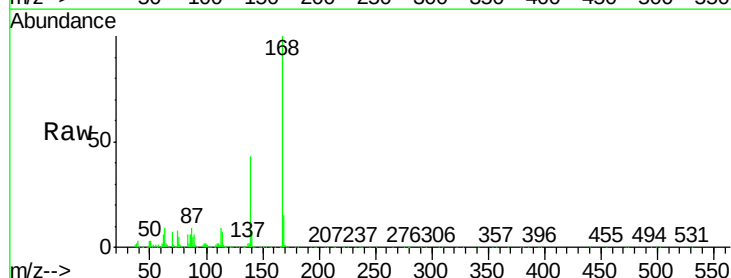


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

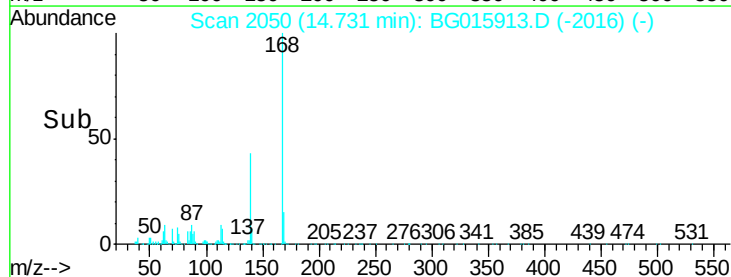
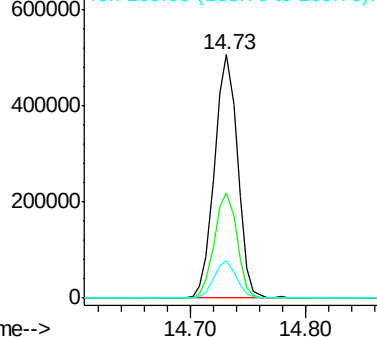


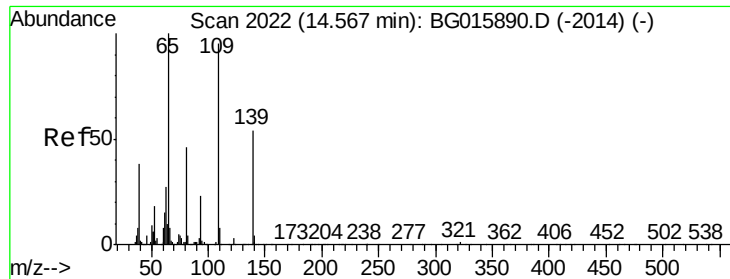
#54
Dibenzofuran
Concen: 26.23 ng
RT: 14.73 min Scan# 2050
Delta R.T. -0.00 min
Lab File: BG015913.D
Acq: 21 Jan 2015 21:35

Tgt Ion:168 Resp: 705936
Ion Ratio Lower Upper
168 100
139 43.3 37.8 56.8
169 15.3 11.5 17.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

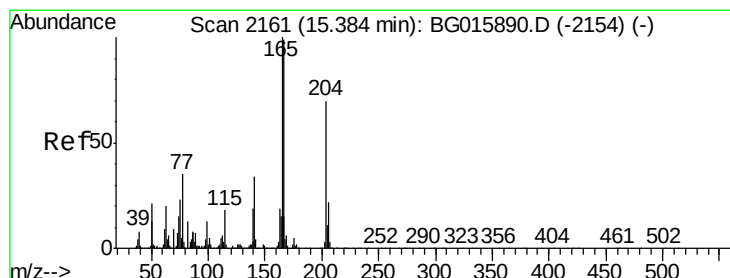
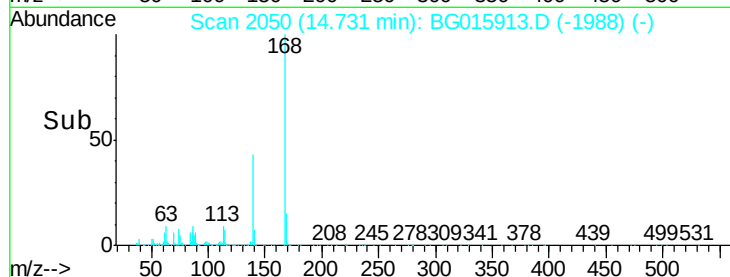
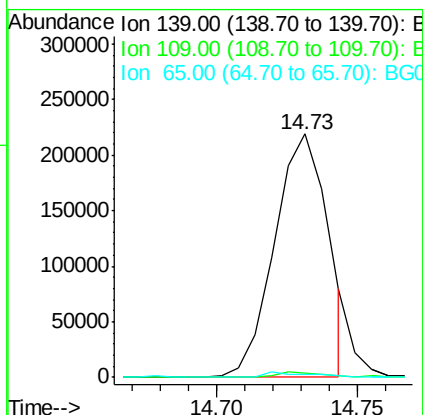
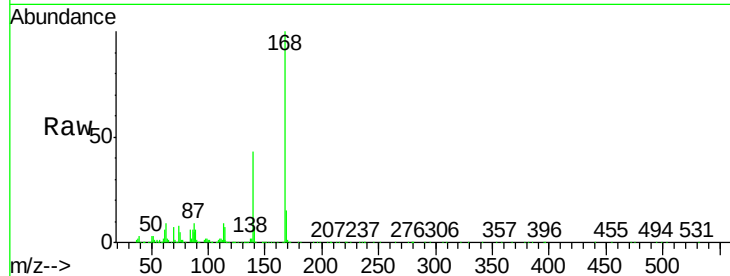




#55
4-Nitrophenol
Concen: 85.22 ng
RT: 14.73 min Scan# 2050
Delta R.T. 0.16 min
Lab File: BG015913.D
Acq: 21 Jan 2015 21:35

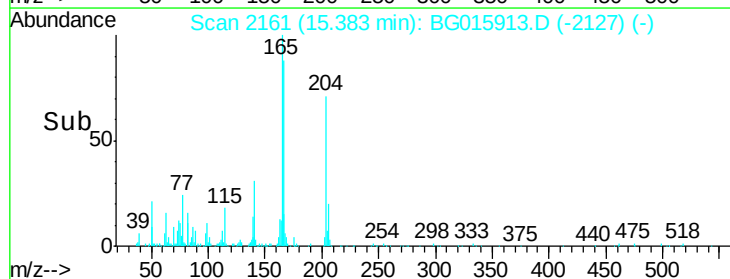
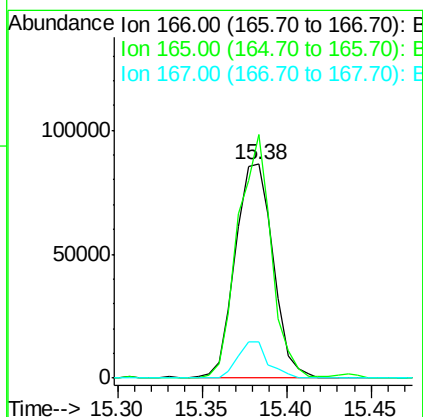
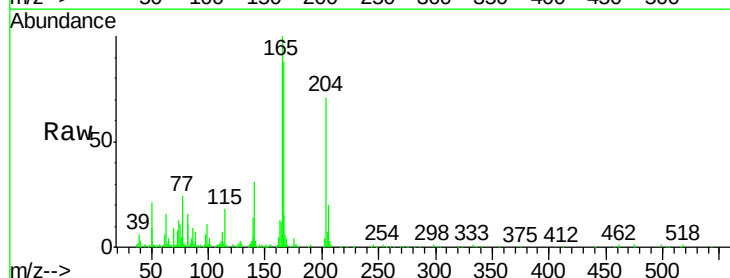
Instrument :
BNA_G
ClientSampleID :
8036DL

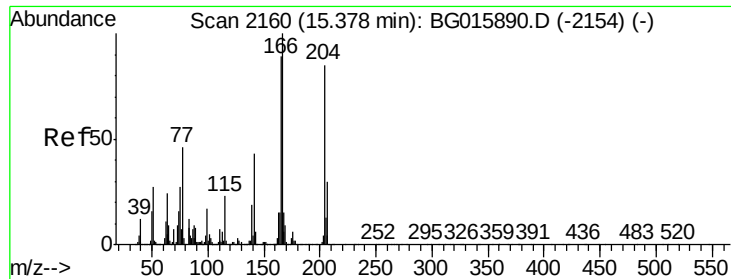
Tgt Ion:139 Resp: 287439
Ion Ratio Lower Upper
139 100
109 1.5 156.3 196.3#
65 1.4 166.3 206.3#



#57
Fluorene
Concen: 5.55 ng
RT: 15.38 min Scan# 2161
Delta R.T. -0.00 min
Lab File: BG015913.D
Acq: 21 Jan 2015 21:35

Tgt Ion:166 Resp: 134684
Ion Ratio Lower Upper
166 100
165 113.7 80.6 120.8
167 17.0 12.5 18.7

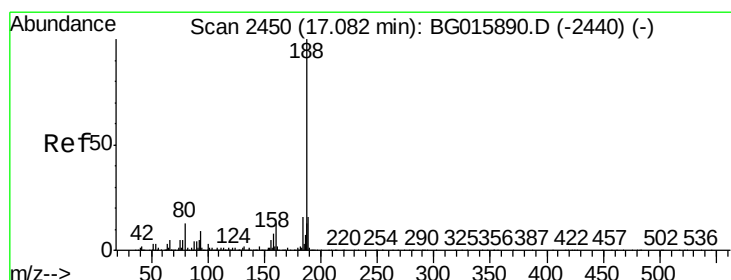
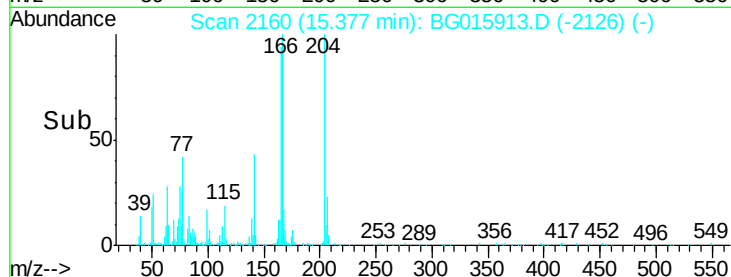
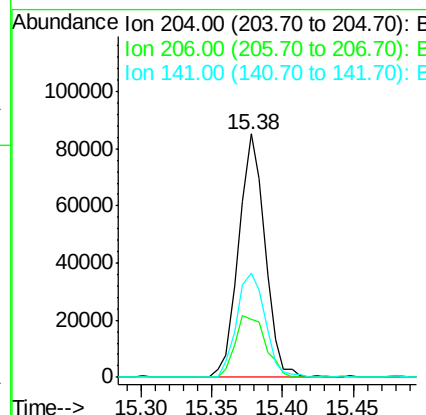
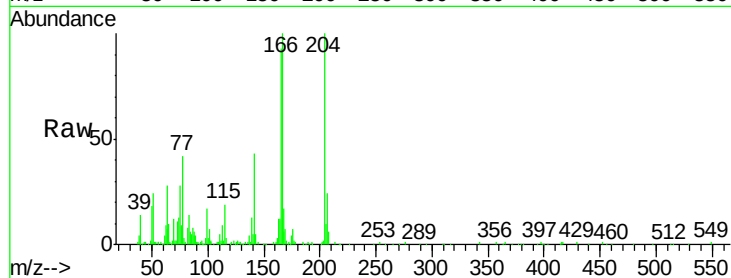




#60
4-Chlorophenyl-phenylether
Concen: 6.88 ng
RT: 15.38 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG015913.D
Acq: 21 Jan 2015 21:35

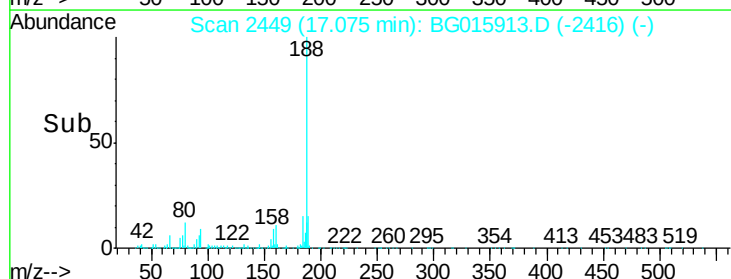
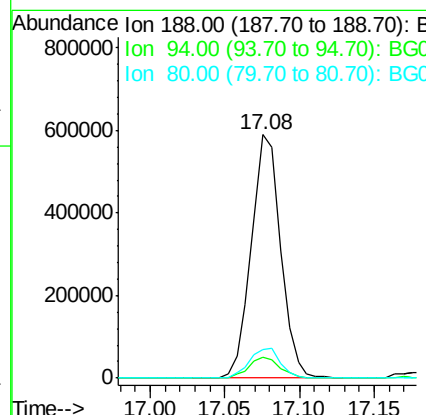
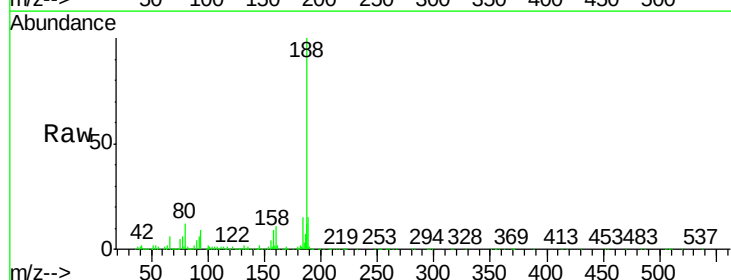
Instrument :
BNA_G
ClientSampled :
8036DL

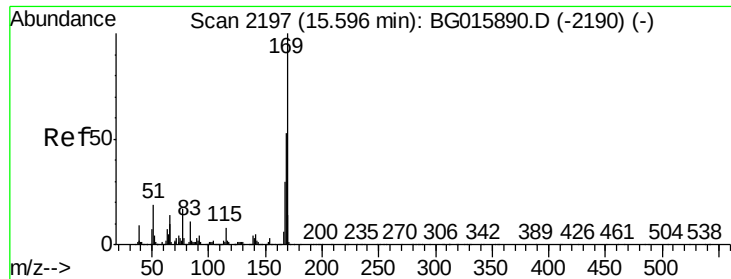
Tgt Ion:204 Resp: 111076
Ion Ratio Lower Upper
204 100
206 23.7 28.4 42.6#
141 42.6 41.0 61.6



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.08 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG015913.D
Acq: 21 Jan 2015 21:35

Tgt Ion:188 Resp: 799294
Ion Ratio Lower Upper
188 100
94 8.6 7.8 11.8
80 12.0 10.6 16.0

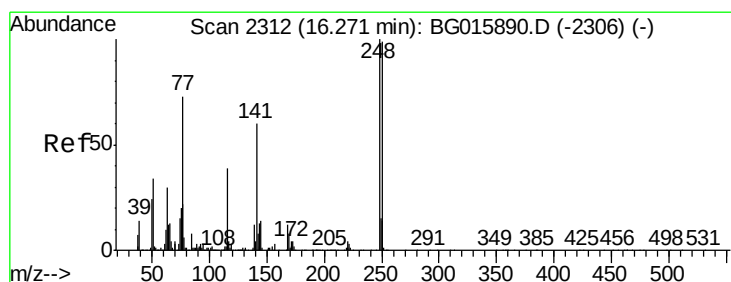
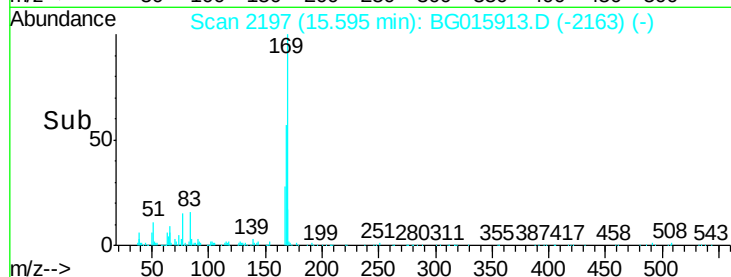
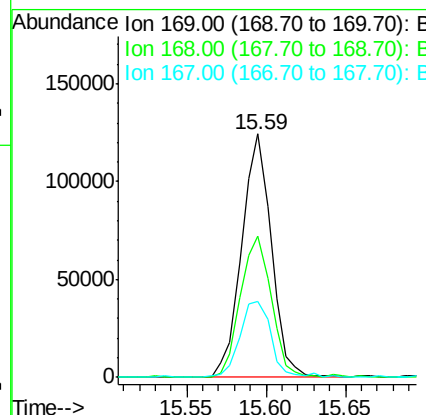
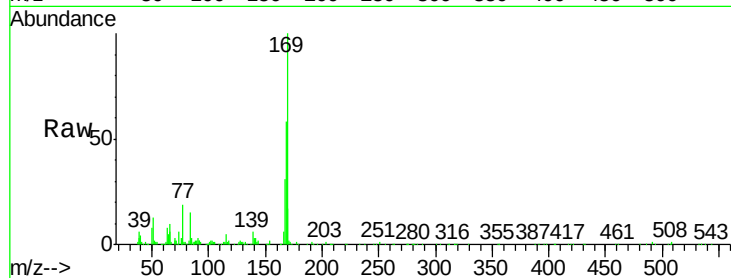




#65
n-Nitrosodiphenylamine
Concen: 7.08 ng
RT: 15.59 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BG015913.D
Acq: 21 Jan 2015 21:35

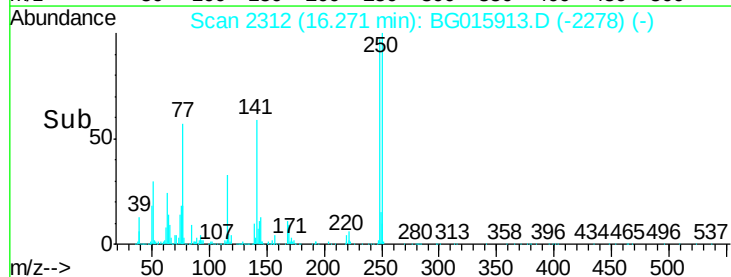
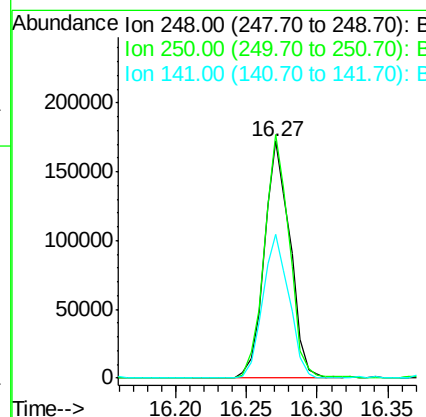
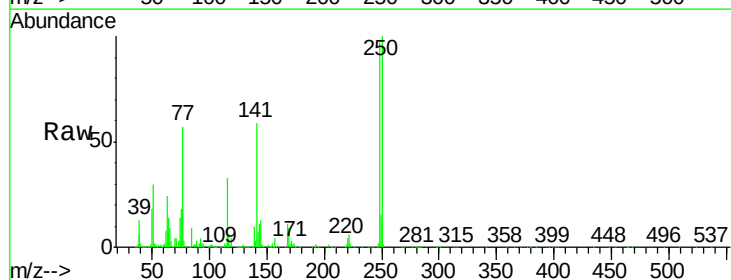
Instrument :
BNA_G
ClientSampleId :
8036DL

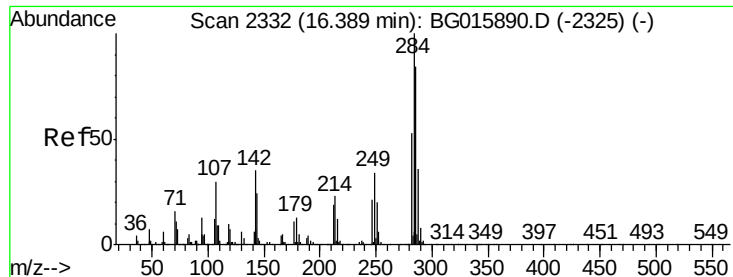
Tgt Ion	Ratio	Lower	Upper
169	100		
168	57.8	42.3	63.5
167	31.1	24.2	36.2



#66
4-Bromophenyl-phenylether
Concen: 18.95 ng
RT: 16.27 min Scan# 2312
Delta R.T. -0.00 min
Lab File: BG015913.D
Acq: 21 Jan 2015 21:35

Tgt Ion	Ratio	Lower	Upper
248	100		
250	102.9	79.3	118.9
141	60.6	47.8	71.6





#67

Hexachlorobenzene

Concen: 13.01 ng

RT: 16.39 min Scan# 2332

Delta R.T. -0.00 min

Lab File: BG015913.D

Acq: 21 Jan 2015 21:35

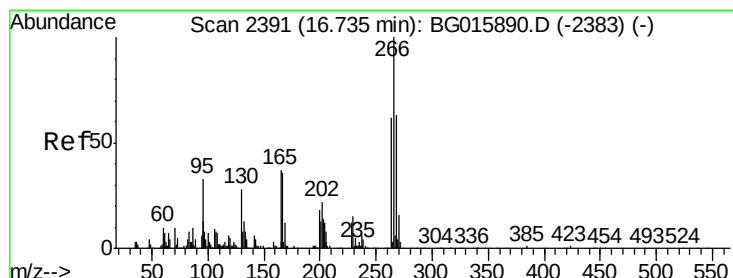
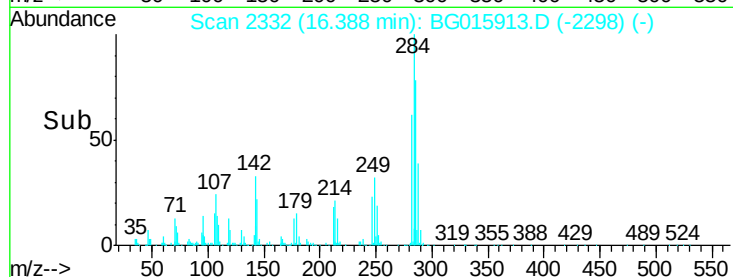
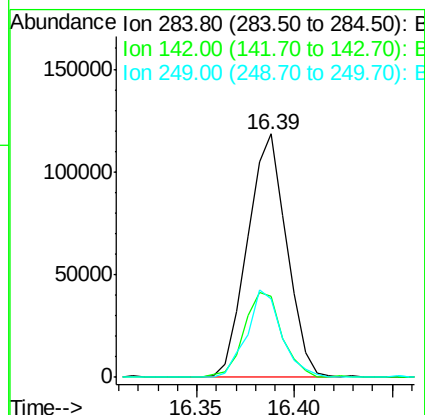
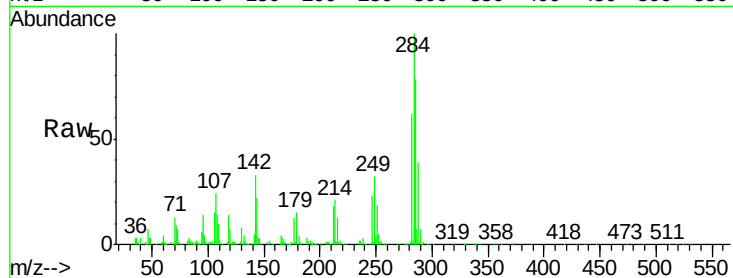
Instrument :

BNA_G

ClientSampled :

8036DL

Tgt Ion:	284	Resp:	164103
Ion Ratio		Lower	Upper
284	100		
142	33.4	27.8	41.6
249	35.6	29.3	43.9



#69

Pentachlorophenol

Concen: 5.47 ng

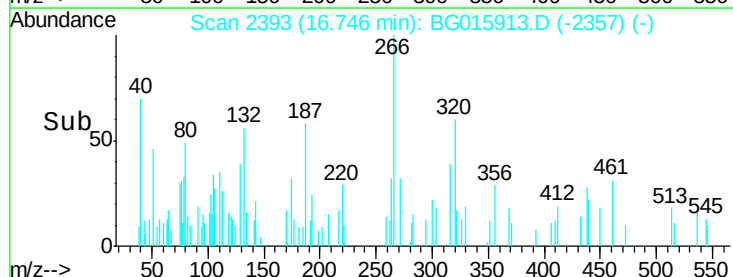
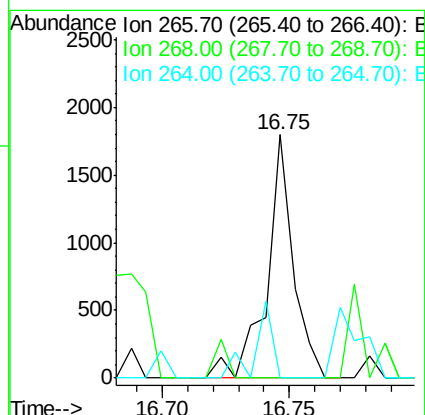
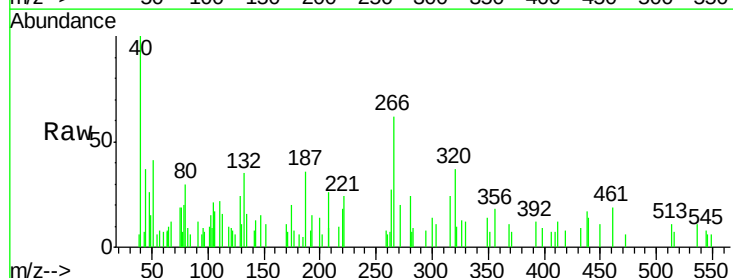
RT: 16.75 min Scan# 2393

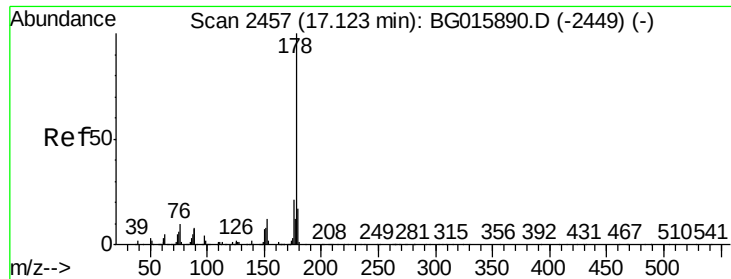
Delta R.T. 0.01 min

Lab File: BG015913.D

Acq: 21 Jan 2015 21:35

Tgt Ion:	266	Resp:	1307
Ion Ratio		Lower	Upper
266	100		
268	0.0	53.5	80.3#
264	0.0	51.9	77.9#





#70

Phenanthrene

Concen: 21.13 ng

RT: 17.21 min Scan# 2472

Delta R.T. 0.09 min

Lab File: BG015913.D

Acq: 21 Jan 2015 21:35

Instrument :

BNA_G

ClientSampleId :

8036DL

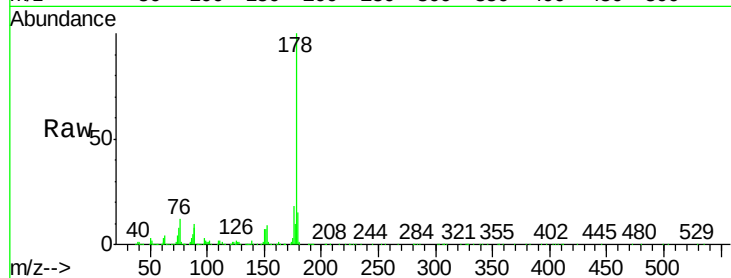
Tgt Ion:178 Resp: 847248

Ion Ratio Lower Upper

178 100

176 18.0 16.9 25.3

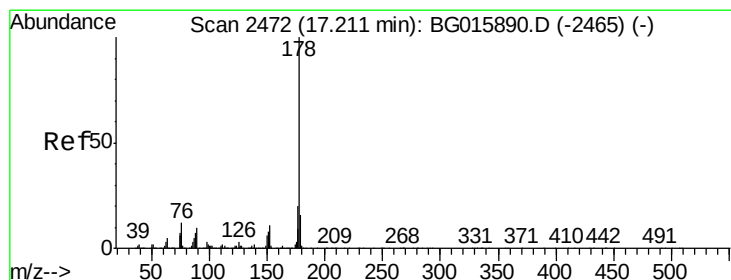
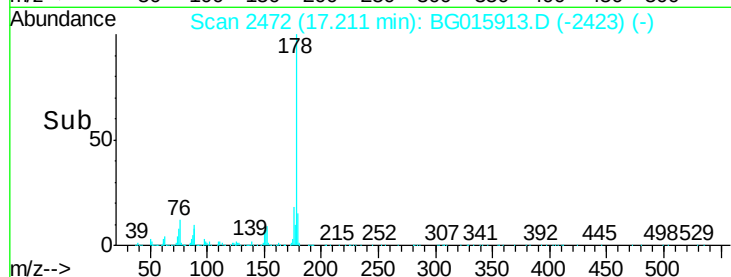
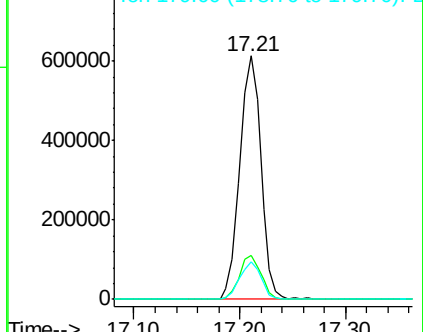
179 15.4 13.3 19.9



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 21.54 ng

RT: 17.21 min Scan# 2472

Delta R.T. -0.00 min

Lab File: BG015913.D

Acq: 21 Jan 2015 21:35

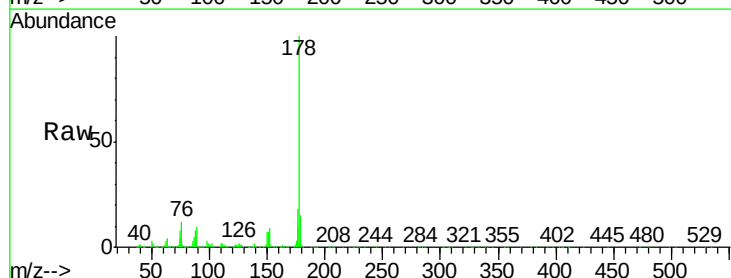
Tgt Ion:178 Resp: 847715

Ion Ratio Lower Upper

178 100

176 18.0 15.7 23.5

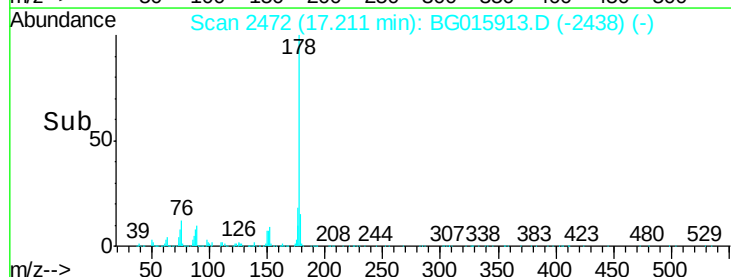
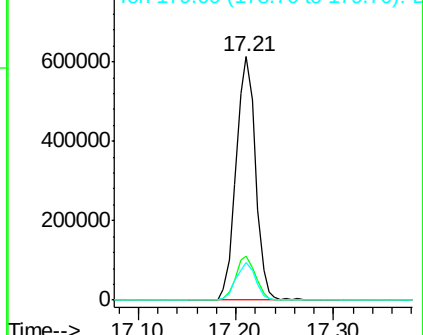
179 15.4 12.7 19.1

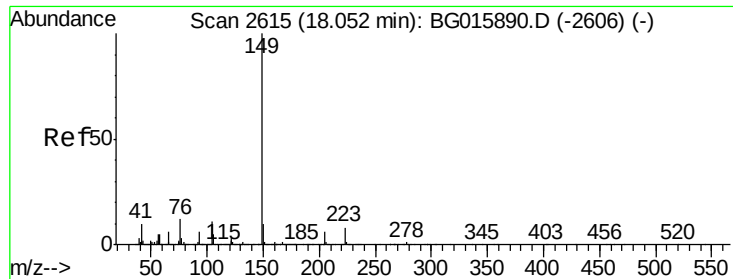


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

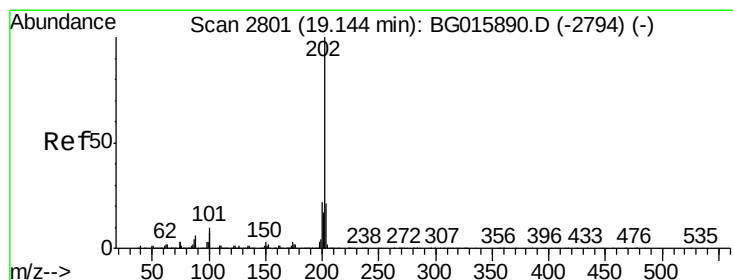
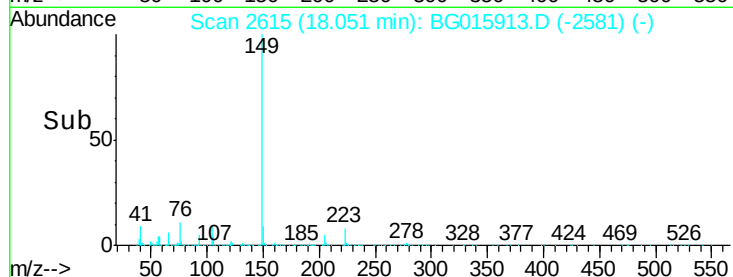
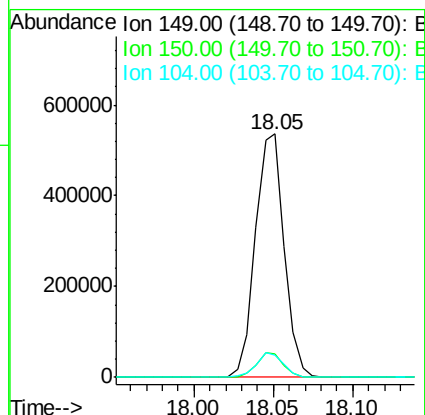
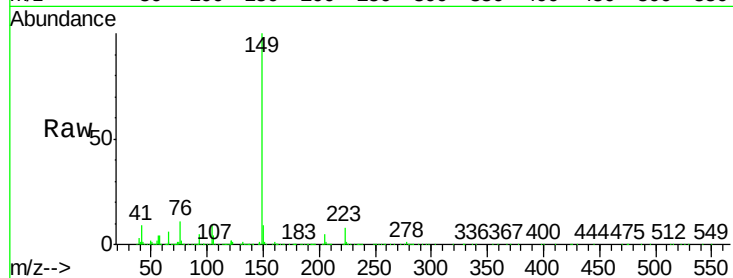




#73
Di-n-butylphthalate
Concen: 16.97 ng
RT: 18.05 min Scan# 2615
Delta R.T. -0.00 min
Lab File: BG015913.D
Acq: 21 Jan 2015 21:35

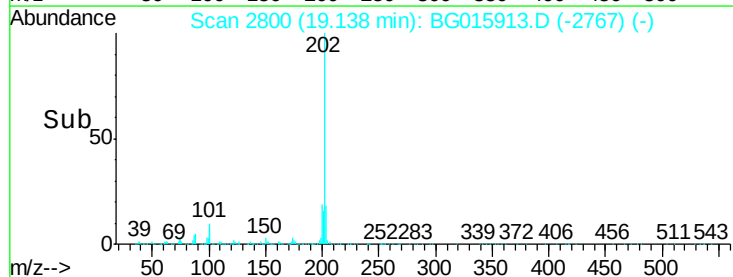
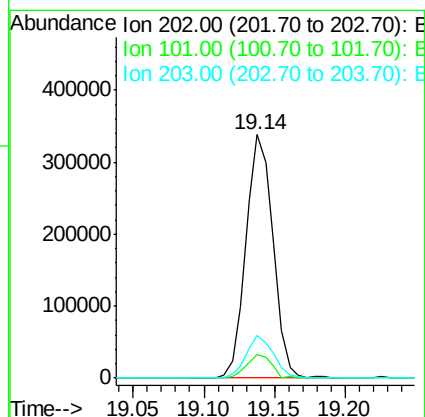
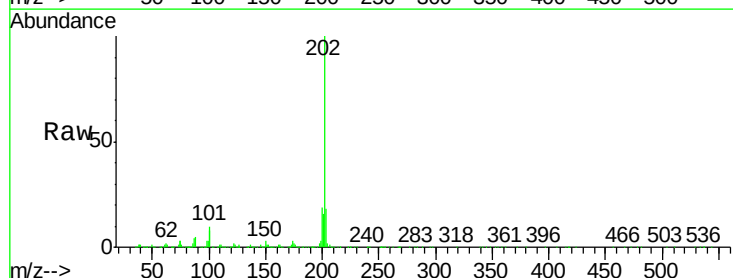
Instrument :
BNA_G
ClientSampleId :
8036DL

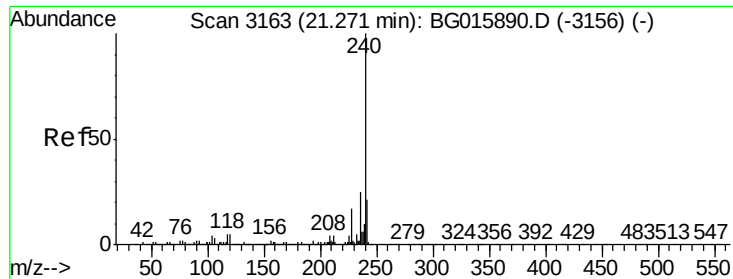
Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	8.2	12.4
104	9.3	8.9	13.3



#74
Fluoranthene
Concen: 8.47 ng
RT: 19.14 min Scan# 2800
Delta R.T. -0.01 min
Lab File: BG015913.D
Acq: 21 Jan 2015 21:35

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	29.5
203	17.6	0.9	40.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.26 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG015913.D

Acq: 21 Jan 2015 21:35

Instrument :

BNA_G

ClientSampleId :

8036DL

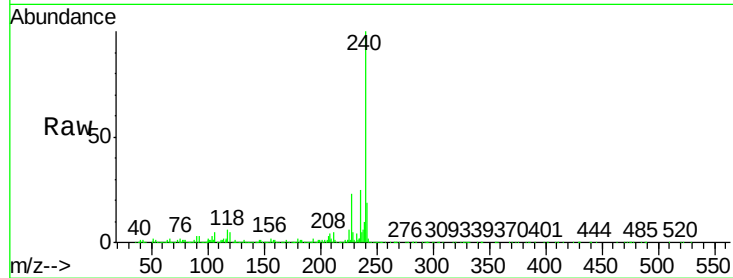
Tgt Ion:240 Resp: 1134985

Ion Ratio Lower Upper

240 100

120 5.1 3.9 5.9

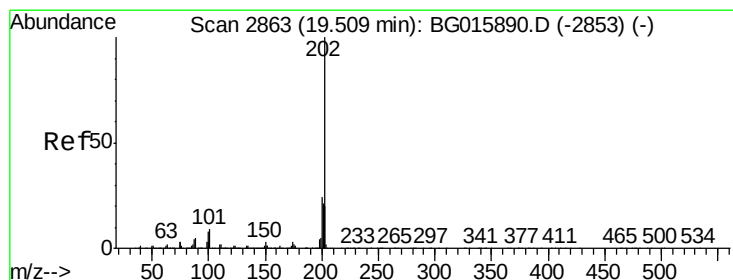
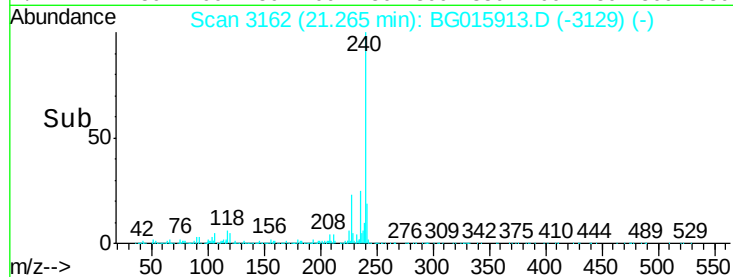
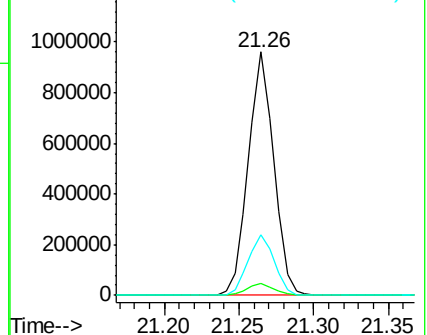
236 24.6 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 22.29 ng

RT: 19.50 min Scan# 2862

Delta R.T. -0.01 min

Lab File: BG015913.D

Acq: 21 Jan 2015 21:35

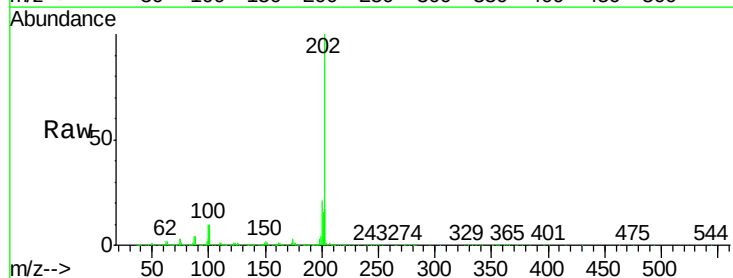
Tgt Ion:202 Resp: 1202387

Ion Ratio Lower Upper

202 100

200 20.7 19.3 28.9

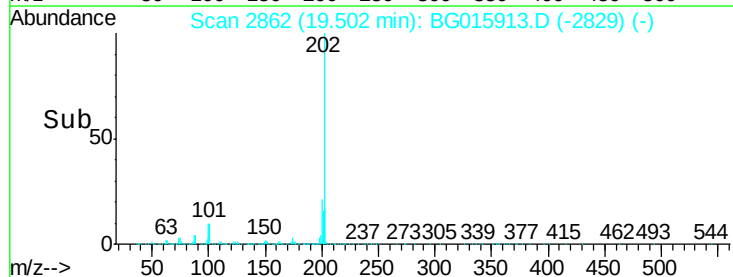
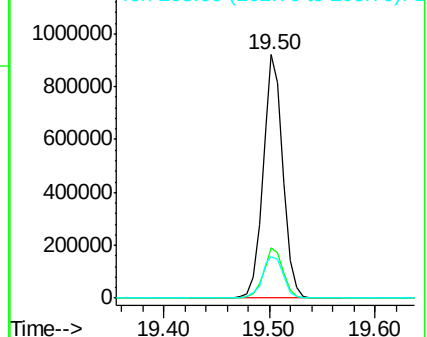
203 17.2 15.9 23.9

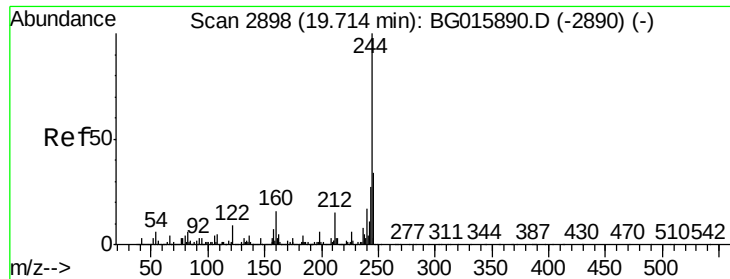


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 23.09 ng

RT: 19.71 min Scan# 2897

Delta R.T. -0.01 min

Lab File: BG015913.D

Acq: 21 Jan 2015 21:35

Instrument :

BNA_G

ClientSampleId :

8036DL

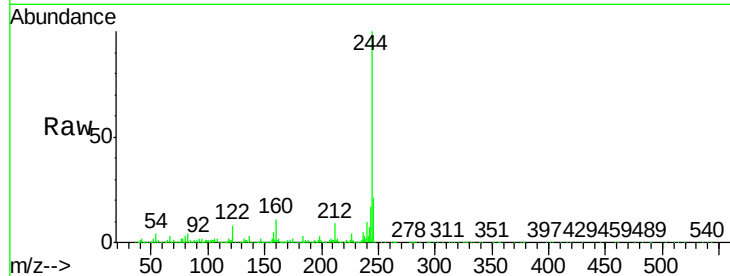
Tgt Ion:244 Resp: 1212630

Ion Ratio Lower Upper

244 100

212 8.8 11.6 17.4#

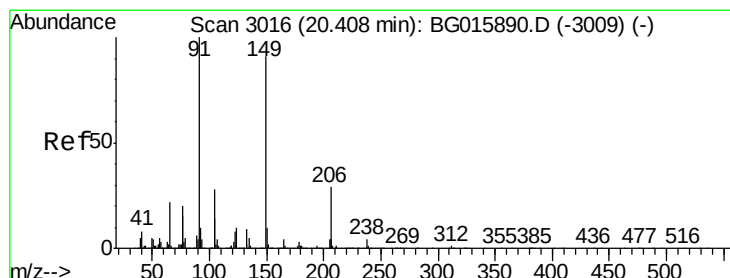
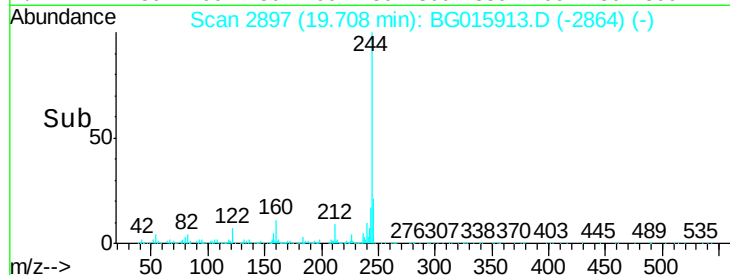
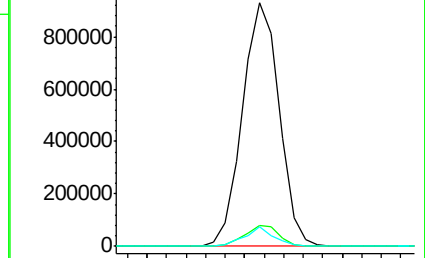
122 7.8 7.0 10.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 28.47 ng

RT: 20.41 min Scan# 3016

Delta R.T. -0.00 min

Lab File: BG015913.D

Acq: 21 Jan 2015 21:35

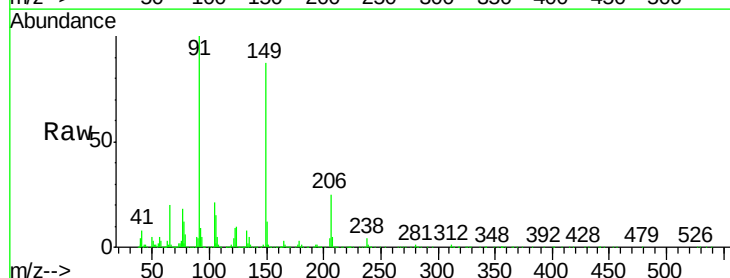
Tgt Ion:149 Resp: 562965

Ion Ratio Lower Upper

149 100

91 115.6 88.4 132.6

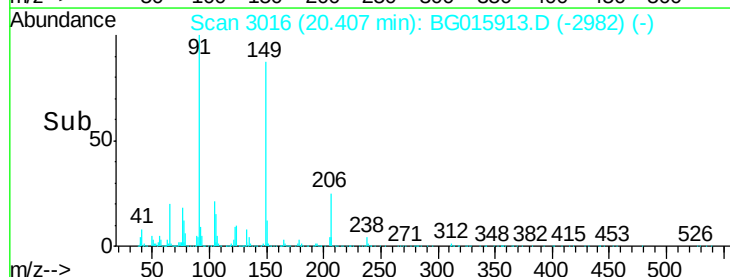
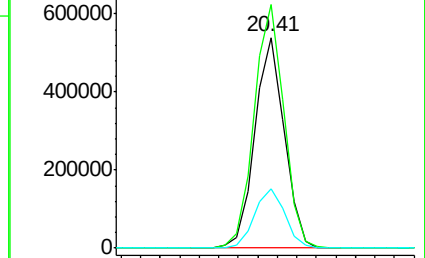
206 28.4 25.3 37.9

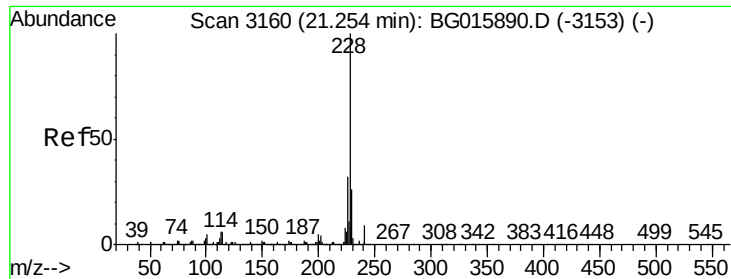


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 26.19 ng

RT: 21.25 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG015913.D

Acq: 21 Jan 2015 21:35

Instrument :

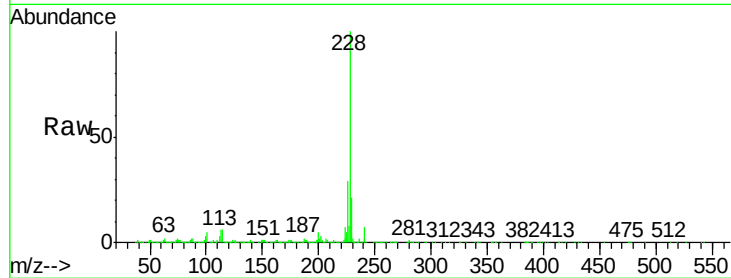
BNA_G

ClientSampleId :

8036DL

Tgt Ion:228 Resp: 1678160

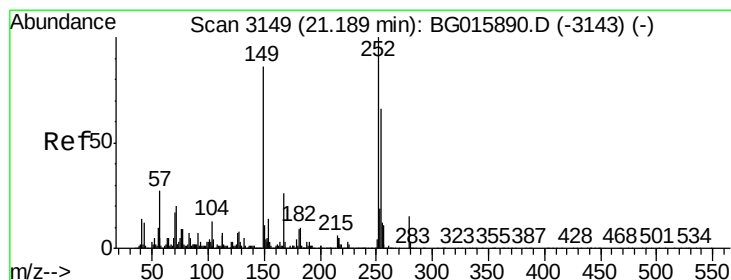
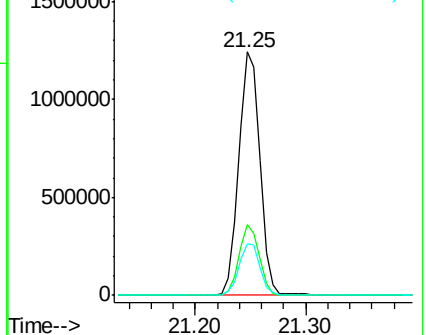
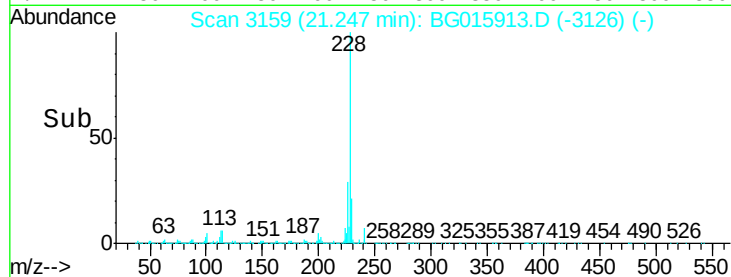
Ion	Ratio	Lower	Upper
228	100		
226	29.0	25.4	38.0
229	21.3	21.2	31.8



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



#81

3,3'-Dichlorobenzidine

Concen: 4.46 ng

RT: 21.19 min Scan# 3149

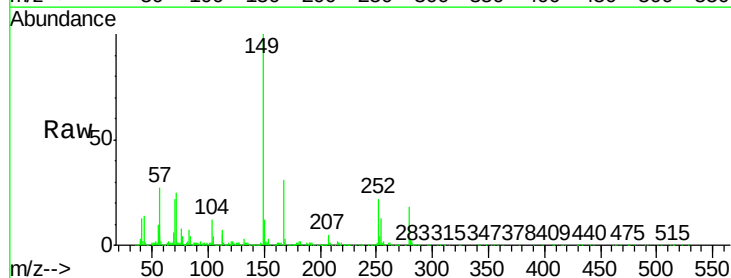
Delta R.T. -0.01 min

Lab File: BG015913.D

Acq: 21 Jan 2015 21:35

Tgt Ion:252 Resp: 112996

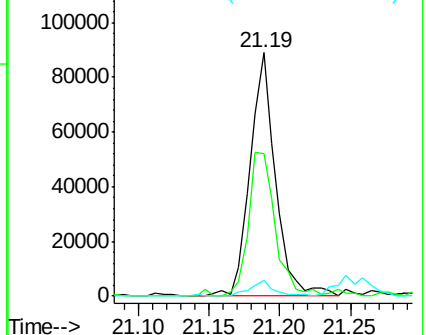
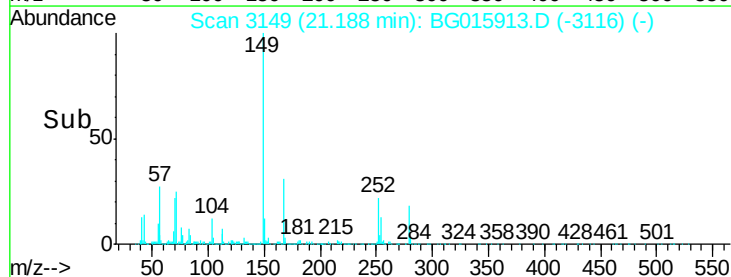
Ion	Ratio	Lower	Upper
252	100		
254	58.4	52.9	79.3
126	6.6	5.8	8.6

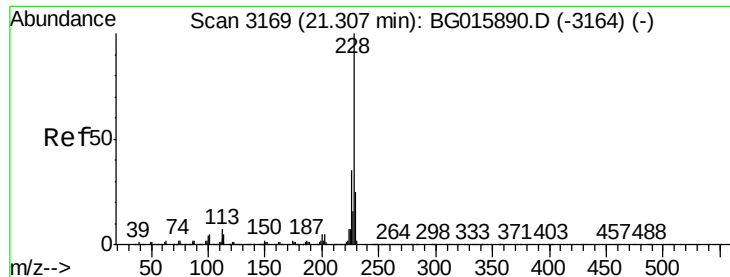


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 27.90 ng

RT: 21.25 min Scan# 3159

Delta R.T. -0.06 min

Lab File: BG015913.D

Acq: 21 Jan 2015 21:35

Instrument :

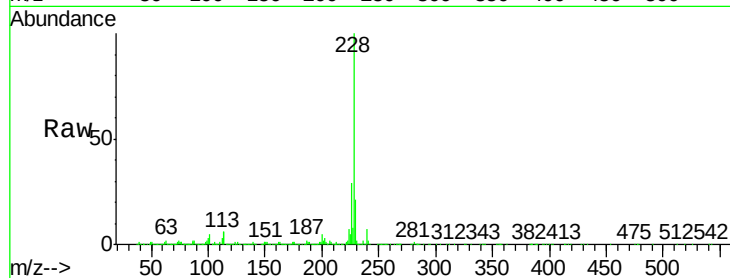
BNA_G

ClientSampleId :

8036DL

Tgt Ion:228 Resp: 1678160

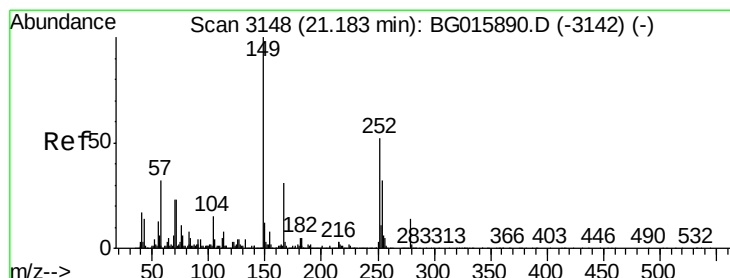
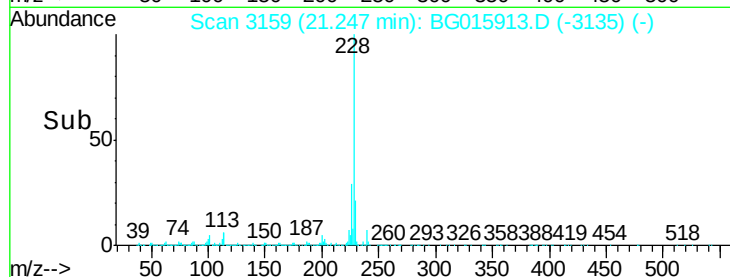
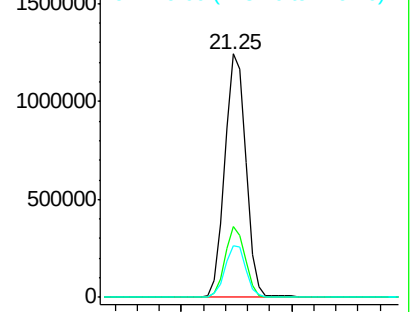
Ion	Ratio	Lower	Upper
228	100		
226	29.0	28.1	42.1
229	21.3	19.8	29.6



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 32.84 ng

RT: 21.18 min Scan# 3148

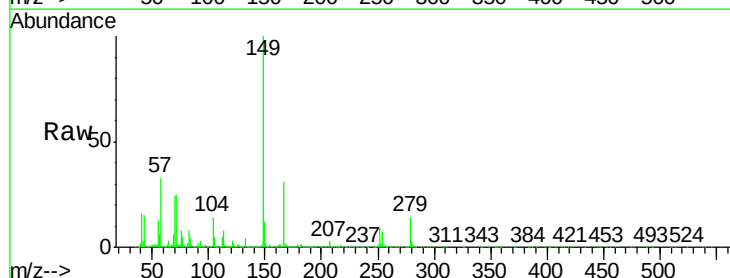
Delta R.T. -0.00 min

Lab File: BG015913.D

Acq: 21 Jan 2015 21:35

Tgt Ion:149 Resp: 873276

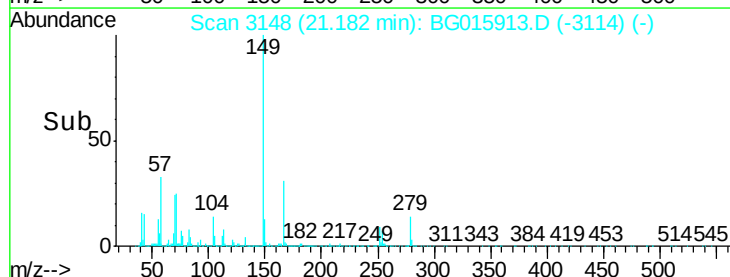
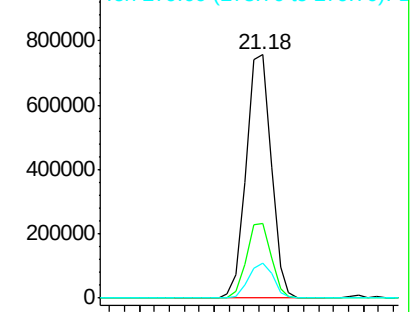
Ion	Ratio	Lower	Upper
149	100		
167	30.7	25.1	37.7
279	14.3	11.2	16.8

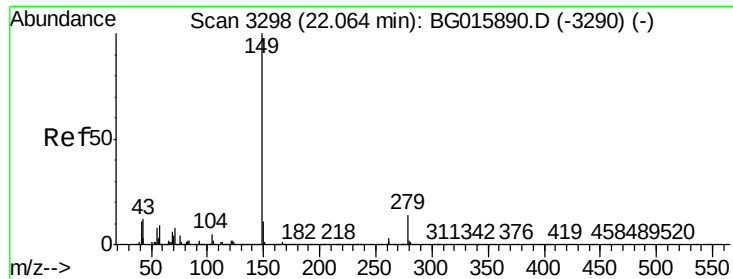


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

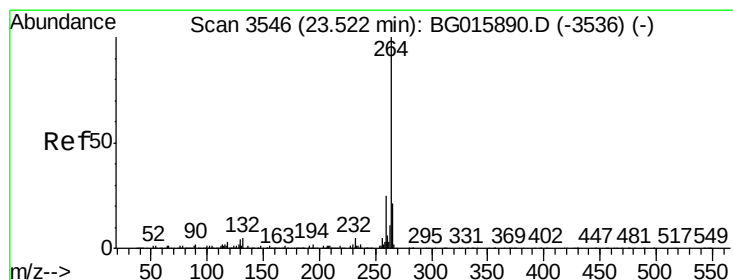
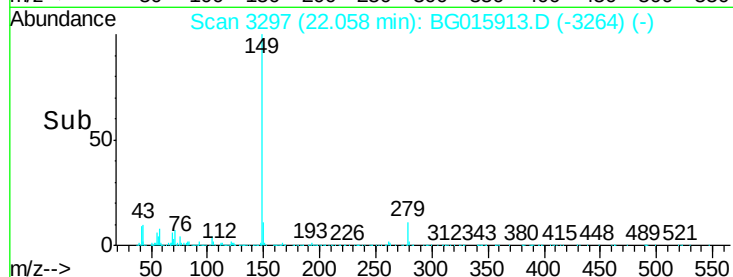
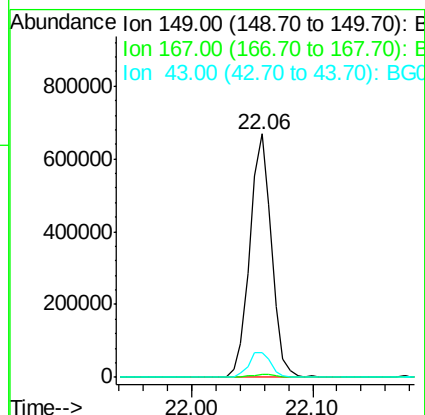
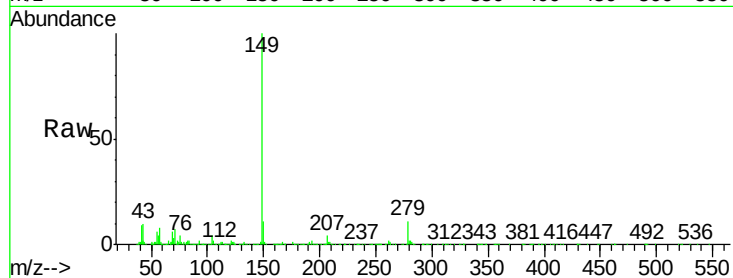




#84
Di-n-octyl phthalate
Concen: 20.29 ng
RT: 22.06 min Scan# 3297
Delta R.T. -0.01 min
Lab File: BG015913.D
Acq: 21 Jan 2015 21:35

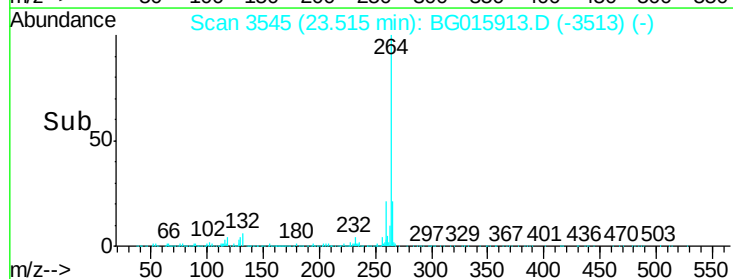
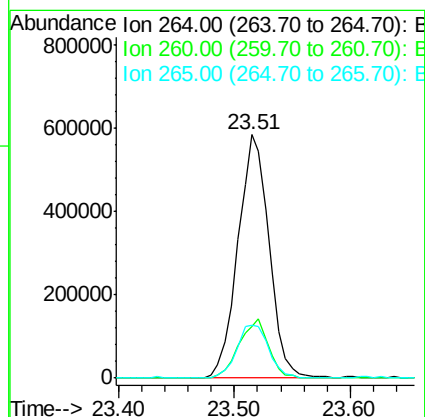
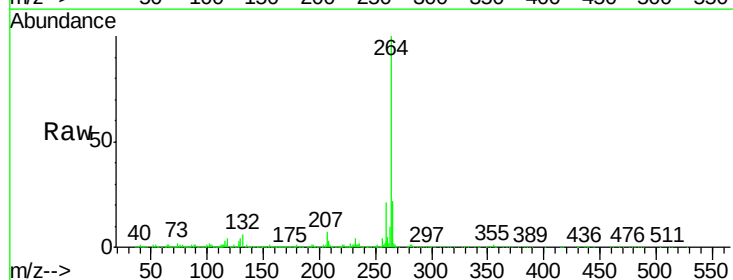
Instrument :
BNA_G
ClientSampleId :
8036DL

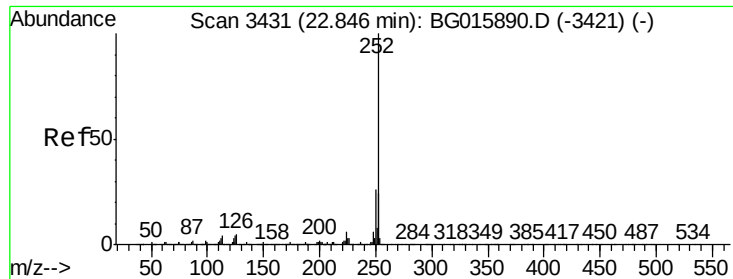
Tgt Ion:149 Resp: 834878
Ion Ratio Lower Upper
149 100
167 1.4 1.4 2.0
43 10.6 9.2 13.8



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.51 min Scan# 3545
Delta R.T. -0.01 min
Lab File: BG015913.D
Acq: 21 Jan 2015 21:35

Tgt Ion:264 Resp: 1089013
Ion Ratio Lower Upper
264 100
260 21.2 19.7 29.5
265 21.6 17.3 25.9

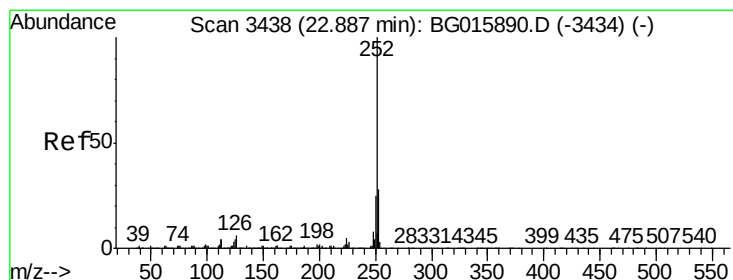
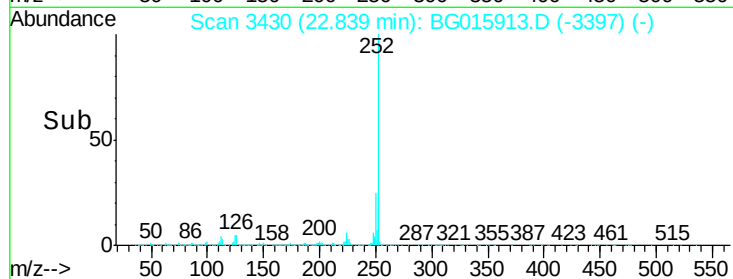
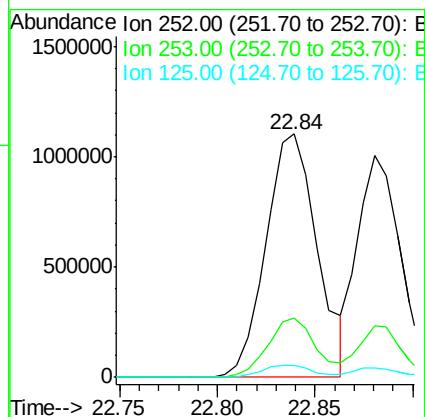
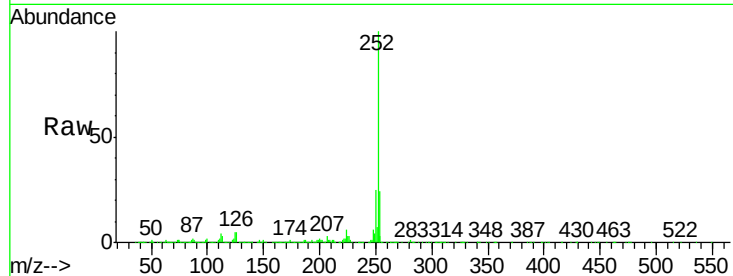




#87
Benzo(b)fluoranthene
Concen: 32.24 ng
RT: 22.84 min Scan# 3430
Delta R.T. -0.01 min
Lab File: BG015913.D
Acq: 21 Jan 2015 21:35

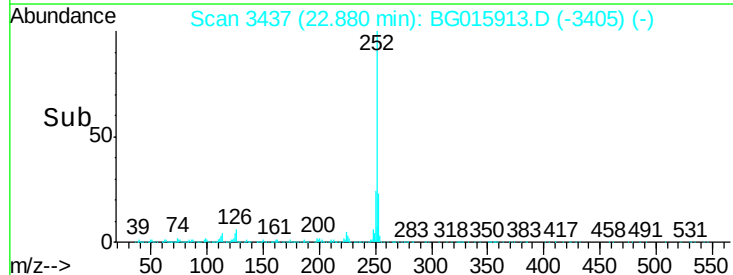
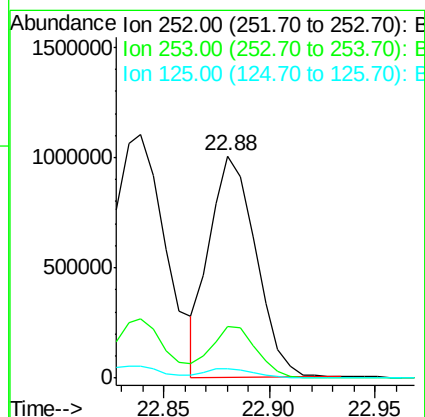
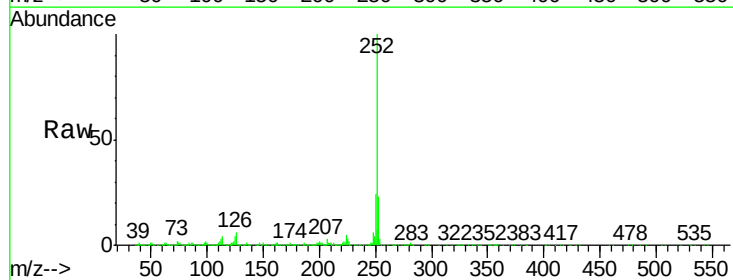
Instrument :
BNA_G
ClientSampleId :
8036DL

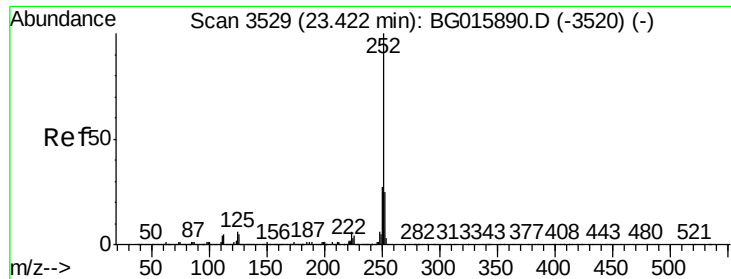
Tgt Ion:252 Resp: 2003885
Ion Ratio Lower Upper
252 100
253 24.1 19.4 29.0
125 4.7 2.9 4.3#



#88
Benzo(k)fluoranthene
Concen: 25.36 ng
RT: 22.88 min Scan# 3437
Delta R.T. -0.01 min
Lab File: BG015913.D
Acq: 21 Jan 2015 21:35

Tgt Ion:252 Resp: 1526121
Ion Ratio Lower Upper
252 100
253 23.0 21.3 31.9
125 4.4 3.4 5.0





#89

Benzo(a)pyrene

Concen: 32.79 ng

RT: 23.42 min Scan# 3529

Delta R.T. -0.01 min

Lab File: BG015913.D

Acq: 21 Jan 2015 21:35

Instrument :

BNA_G

ClientSampleId :

8036DL

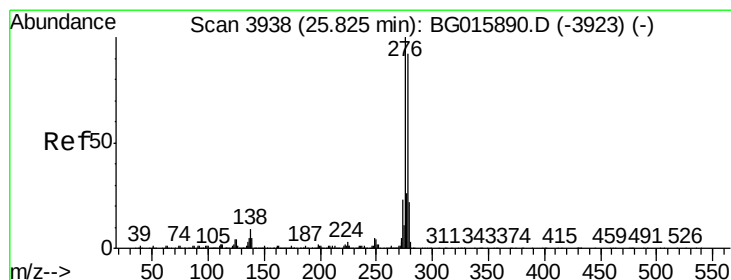
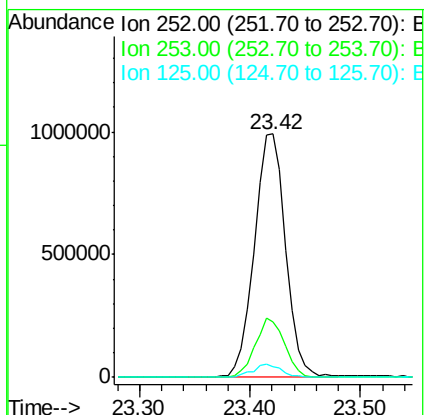
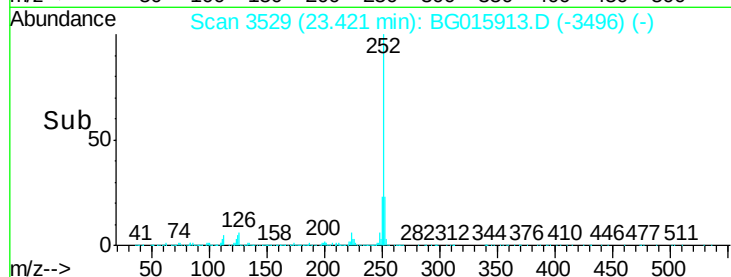
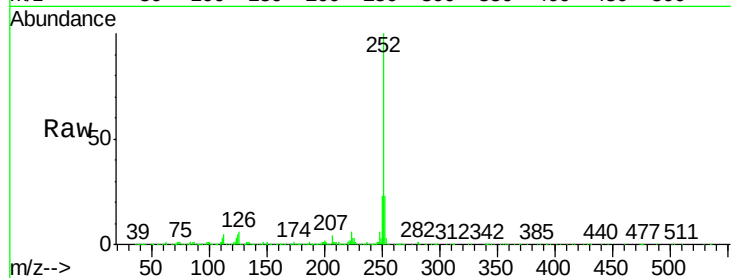
Tgt Ion:252 Resp: 1961424

Ion Ratio Lower Upper

252 100

253 22.9 19.9 29.9

125 4.6 4.5 6.7



#90

Dibenzo(a,h)anthracene

Concen: 4.75 ng

RT: 25.82 min Scan# 3937

Delta R.T. -0.02 min

Lab File: BG015913.D

Acq: 21 Jan 2015 21:35

Tgt Ion:278 Resp: 269865

Ion Ratio Lower Upper

278 100

139 7.2 4.3 6.5#

279 20.8 19.4 29.0

