

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012115\
 Data File : BG015912.D
 Acq On : 21 Jan 2015 21:00
 Operator : TP/IZ
 Sample : G1100-14
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 8036

Quant Time: Jan 22 01:22:57 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	85844	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	368482	20.00	ng	0.00
38) Acenaphthene-d10	14.33	164	336636	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	832089	20.00	ng	0.00
75) Chrysene-d12	21.27	240	1261122	20.00	ng	0.00
86) Perylene-d12	23.52	264	1203263	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	957574	166.12	ng	0.00
7) Phenol-d6	6.88	99	1581061	170.20	ng	0.00
23) Nitrobenzene-d5	8.85	82	1360592	106.44	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	944998	153.34	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	2247387	104.75	ng	0.00
78) Terphenyl-d14	19.71	244	4116413	98.36	ng	0.00

Target Compounds

						Qvalue
4) n-Nitrosodimethylamine	3.51	42	369242	95.50	ng	91
6) Aniline	7.12	93	395152	29.54	ng	# 52
11) bis(2-Chloroethyl)ether	7.12	93	395152	48.30	ng	94
12) 1,3-Dichlorobenzene	7.58	146	232287	35.49	ng	94
13) 1,4-Dichlorobenzene	7.72	146	1083886	160.37	ng	95
14) 1,2-Dichlorobenzene	8.04	146	959927	144.94	ng	93
15) Benzyl Alcohol	8.00	79	27241	2.68	ng	# 63
16) 2,2'-oxybis(1-Chloropropan	8.22	45	396815	60.01	ng	86
17) 2-Methylphenol	8.03	107	22653	3.45	ng	# 40
24) Nitrobenzene	8.89	77	860263	63.98	ng	99
28) bis(2-Chloroethoxy)methane	9.90	93	1498791	136.98	ng	98
30) 1,2,4-Trichlorobenzene	10.34	180	416433	51.61	ng	# 93
32) Benzoic acid	9.78	122	316	10.45	ng	# 6
34) Hexachlorobutadiene	10.81	225	918339	116.37	ng	94
37) 2-Methylnaphthalene	12.14	142	994709	66.41	ng	92
46) 2-Chloronaphthalene	13.20	162	798166	44.49	ng	97
48) Acenaphthylene	14.05	152	1772222	65.05	ng	# 96
49) Dimethylphthalate	13.80	163	1959951	80.91	ng	# 95
50) 2,6-Dinitrotoluene	13.92	165	504043	92.17	ng	86
51) Acenaphthene	14.40	154	1569089	91.67	ng	95
53) 2,4-Dinitrophenol	14.40	184	292	4.60	ng	# 1
54) Dibenzofuran	14.74	168	3088496	109.35	ng	# 90
55) 4-Nitrophenol	14.74	139	1440000	406.80	ng	# 1
57) Fluorene	15.38	166	712937	27.98	ng	91
60) 4-Chlorophenyl-phenylether	15.38	204	530258	31.29	ng	99
61) 4-Nitroaniline	15.38	138	14896	2.73	ng	# 1
62) Azobenzene	15.59	77	163811	4.09	ng	# 23
65) n-Nitrosodiphenylamine	15.60	169	863109	36.36	ng	96
66) 4-Bromophenyl-phenylether	16.27	248	1118092	92.02	ng	96
67) Hexachlorobenzene	16.39	284	864422	65.81	ng	94
69) Pentachlorophenol	16.71	266	116	5.25	ng	# 17
70) Phenanthrene	17.22	178	3595487	86.13	ng	# 86
71) Anthracene	17.22	178	3595487	87.77	ng	# 83
73) Di-n-butylphthalate	18.05	149	2913045	70.09	ng	# 93

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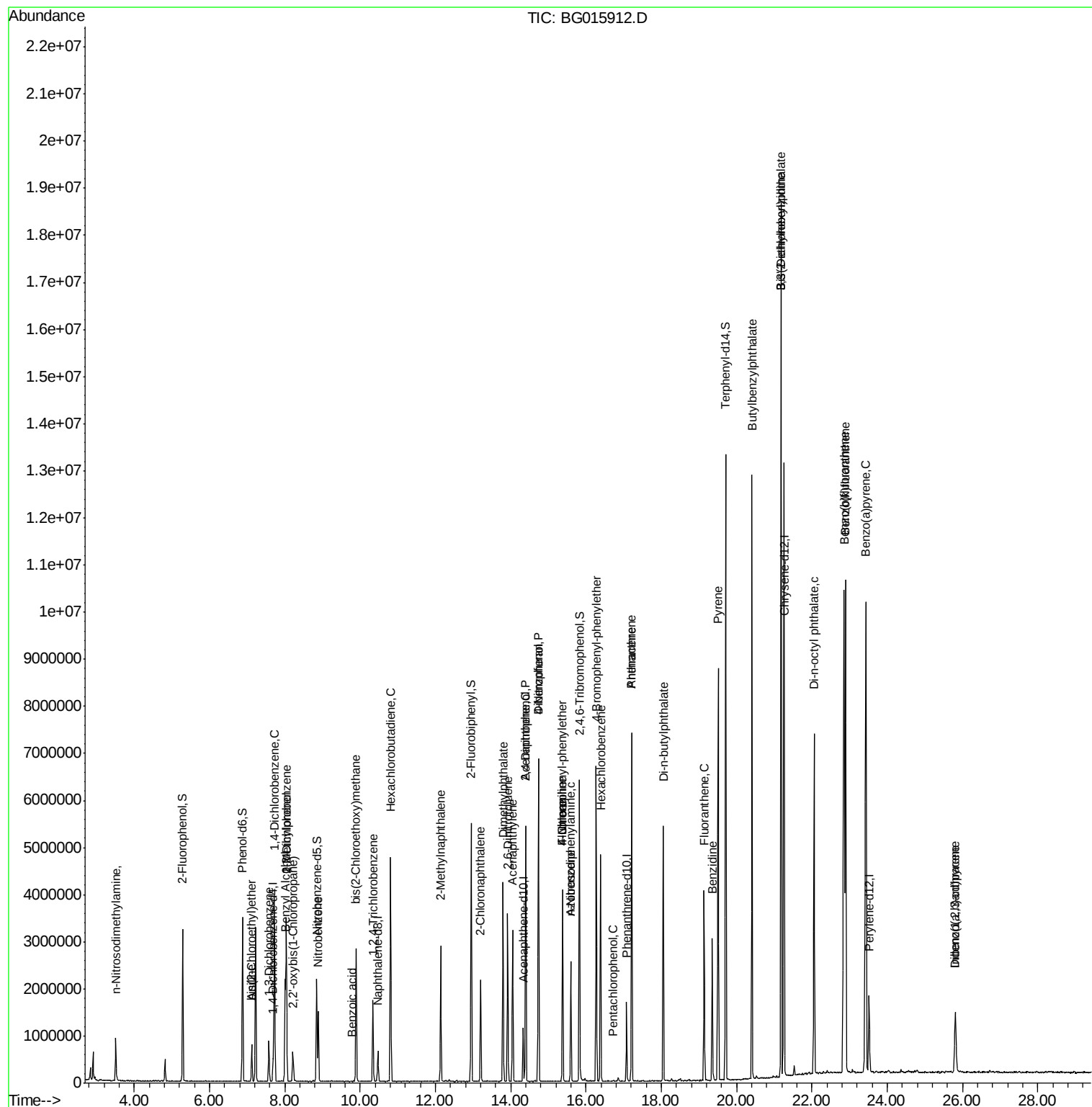
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
74) Fluoranthene	19.14	202	2144777	38.47	ng	98
76) Benzidine	19.35	184	2832	2.08	ng #	1
77) Pyrene	19.51	202	4179429	69.74	ng #	70
79) Butylbenzylphthalate	20.41	149	2583634	117.58	ng #	91
80) Benzo(a)anthracene	21.25	228	4872721	Below Cal	#	52
81) 3,3'-Dichlorobenzidine	21.18	252	698859	24.80	ng	98
82) Chrysene	21.25	228	4872721	Below Cal	#	55
83) Bis(2-ethylhexyl)phthalate	21.18	149	3363947	113.86	ng #	59
84) Di-n-octyl phthalate	22.06	149	3453337	75.55	ng #	94
85) Indeno(1,2,3-cd)pyrene	25.81	276	334930	4.53	ng #	85
87) Benzo(b)fluoranthene	22.85	252	7113478	103.57	ng #	58
88) Benzo(k)fluoranthene	22.90	252	4869872	73.25	ng #	60
89) Benzo(a)pyrene	23.43	252	6858897	103.79	ng #	63
90) Dibenzo(a,h)anthracene	25.81	278	1498441	23.89	ng #	97

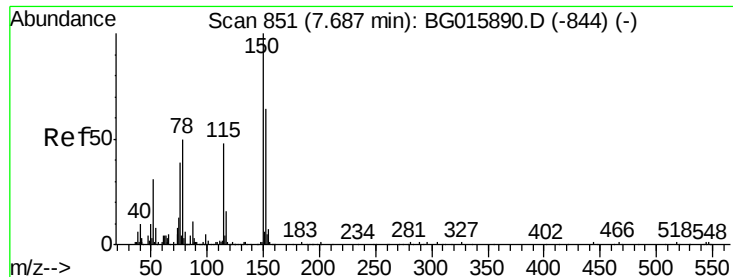
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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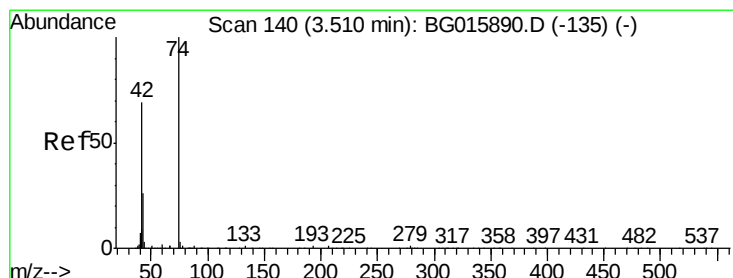
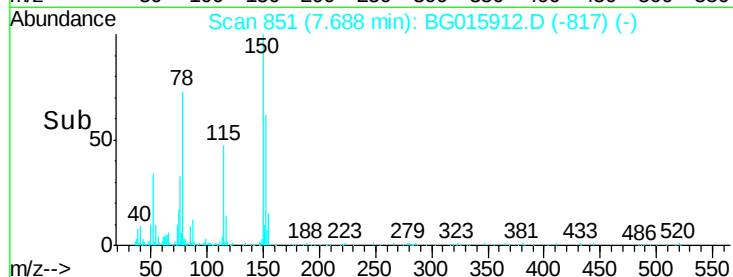
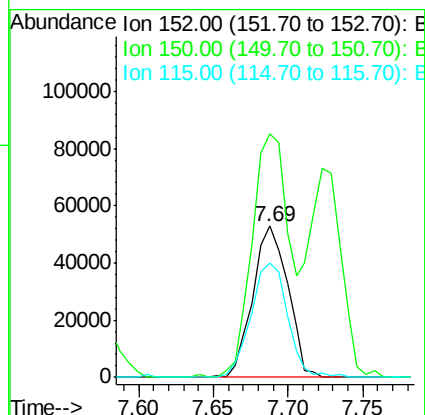
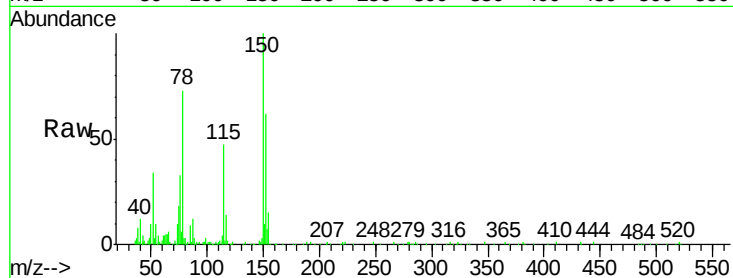


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.69 min Scan# 851
Delta R.T. 0.00 min
Lab File: BG015912.D
Acq: 21 Jan 2015 21:00

Instrument :
BNA_G
ClientSampleId :
8036

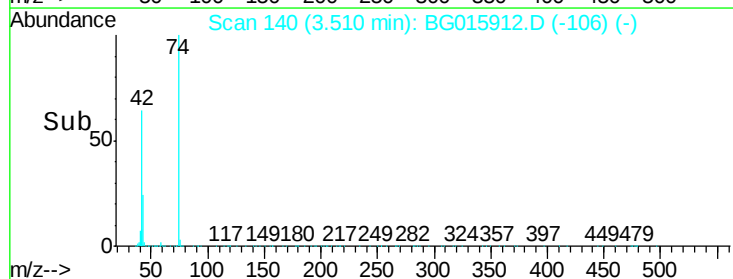
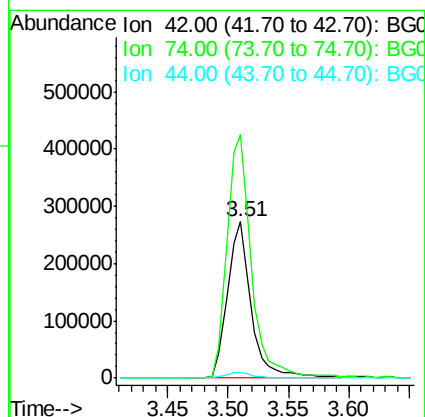
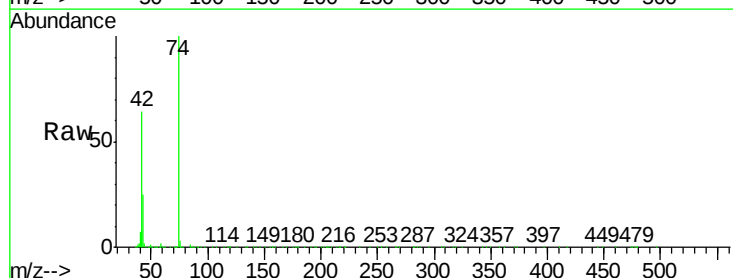
Tgt Ion:152 Resp: 85844
Ion Ratio Lower Upper
152 100
150 161.4 124.5 186.7
115 75.5 60.4 90.6

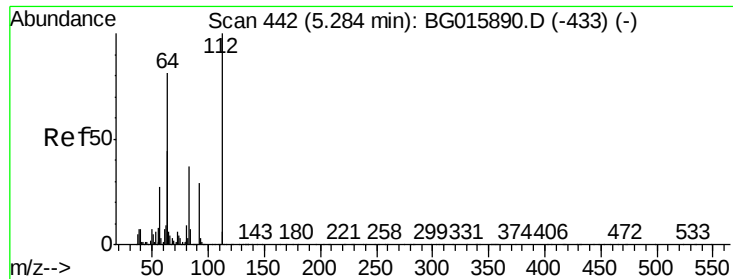


#4

n-Nitrosodimethylamine
Concen: 95.50 ng
RT: 3.51 min Scan# 140
Delta R.T. 0.00 min
Lab File: BG015912.D
Acq: 21 Jan 2015 21:00

Tgt Ion: 42 Resp: 369242
Ion Ratio Lower Upper
42 100
74 155.8 116.0 174.0
44 3.9 3.8 5.8





#5

2-Fluorophenol

Concen: 166.12 ng

RT: 5.28 min Scan# 442

Delta R.T. 0.00 min

Lab File: BG015912.D

Acq: 21 Jan 2015 21:00

Instrument :

BNA_G

ClientSampleId :

8036

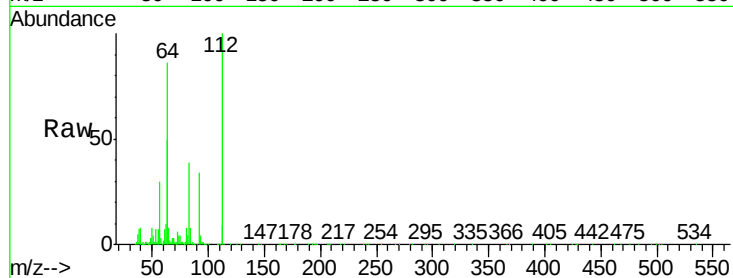
Tgt Ion: 112 Resp: 957574

Ion Ratio Lower Upper

112 100

64 85.8 64.4 96.6

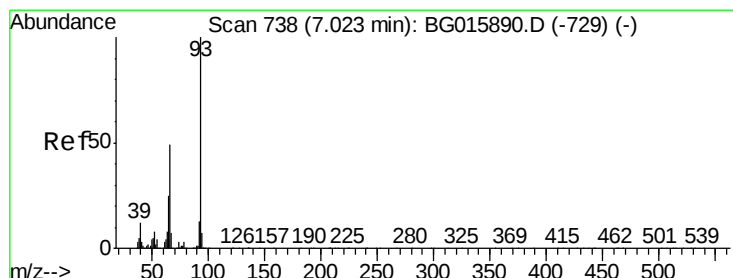
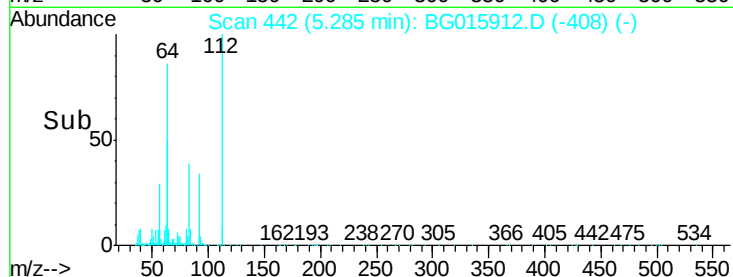
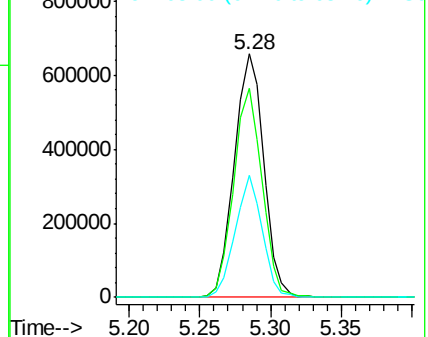
63 50.3 35.1 52.7



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: 29.54 ng

RT: 7.12 min Scan# 755

Delta R.T. 0.11 min

Lab File: BG015912.D

Acq: 21 Jan 2015 21:00

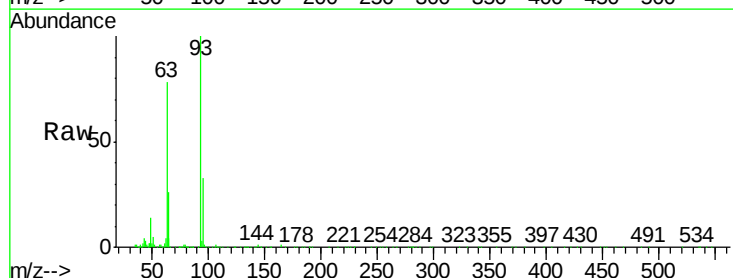
Tgt Ion: 93 Resp: 395152

Ion Ratio Lower Upper

93 100

66 0.4 39.0 58.6#

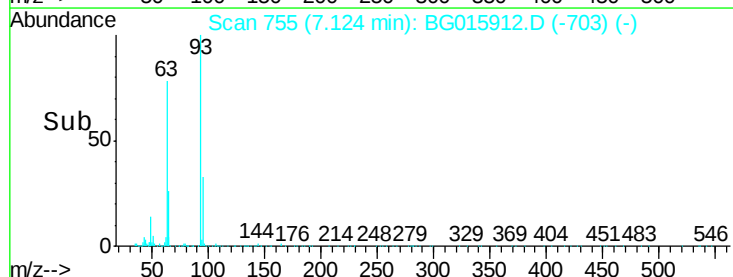
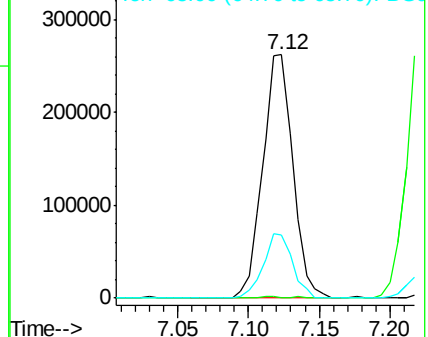
65 25.7 19.8 29.6

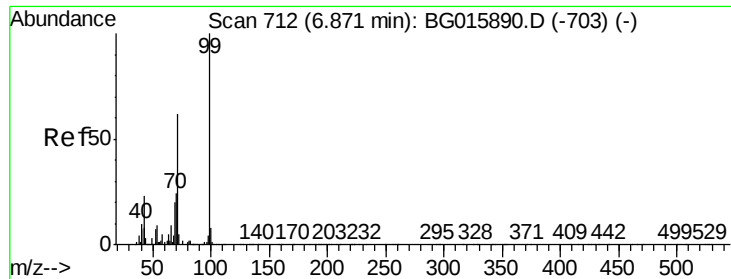


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 170.20 ng

RT: 6.88 min Scan# 713

Delta R.T. 0.01 min

Lab File: BG015912.D

Acq: 21 Jan 2015 21:00

Instrument :

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ClientSampleId :

8036

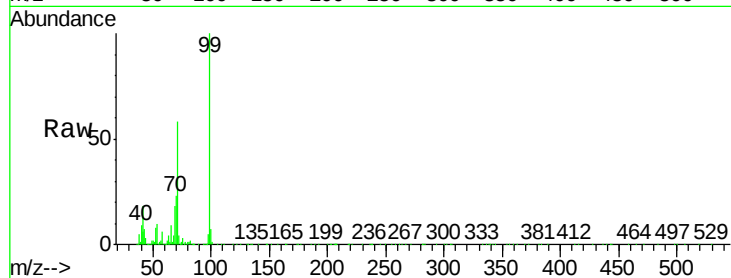
Tgt Ion: 99 Resp: 1581061

Ion Ratio Lower Upper

99 100

42 17.9 18.1 27.1#

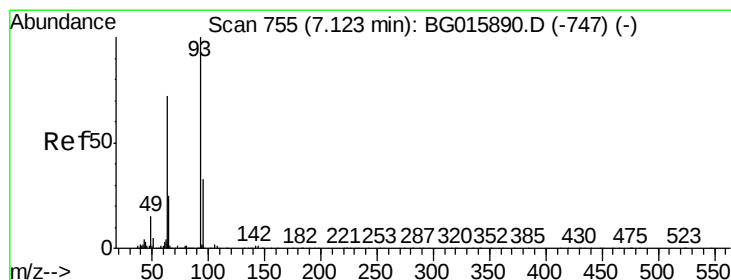
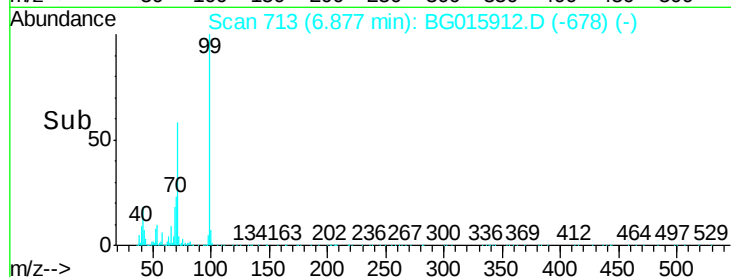
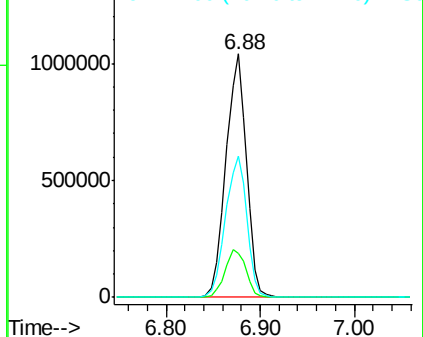
71 57.8 49.8 74.8



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



#11

bis(2-Chloroethyl)ether

Concen: 48.30 ng

RT: 7.12 min Scan# 755

Delta R.T. 0.01 min

Lab File: BG015912.D

Acq: 21 Jan 2015 21:00

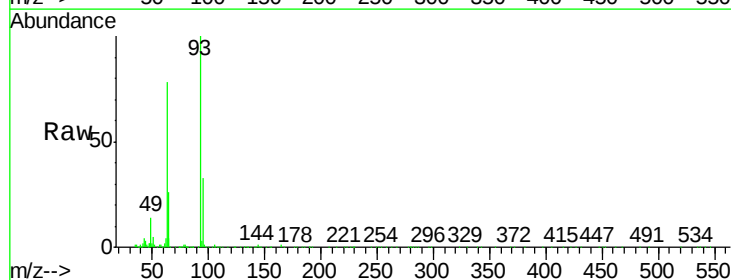
Tgt Ion: 93 Resp: 395152

Ion Ratio Lower Upper

93 100

63 78.4 51.7 91.7

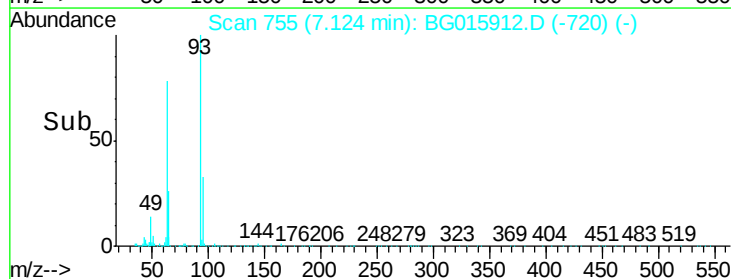
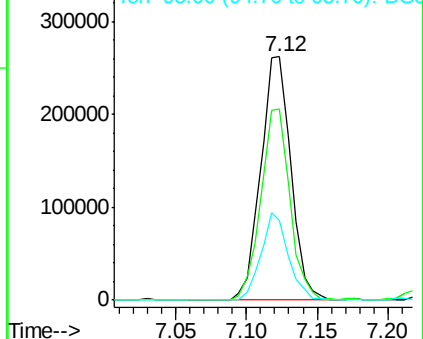
95 32.8 12.7 52.7

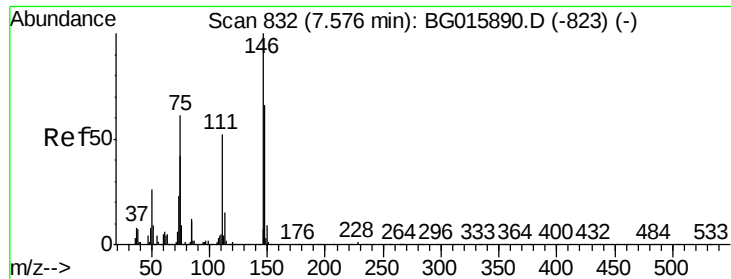


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC





#12

1,3-Dichlorobenzene

Concen: 35.49 ng

RT: 7.58 min Scan# 832

Delta R.T. 0.00 min

Lab File: BG015912.D

Acq: 21 Jan 2015 21:00

Instrument :

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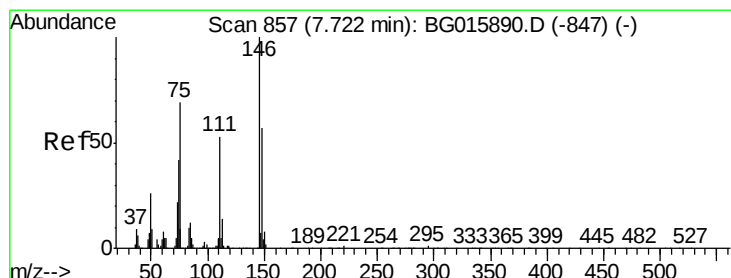
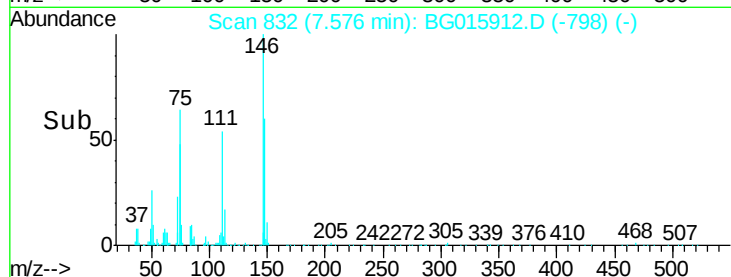
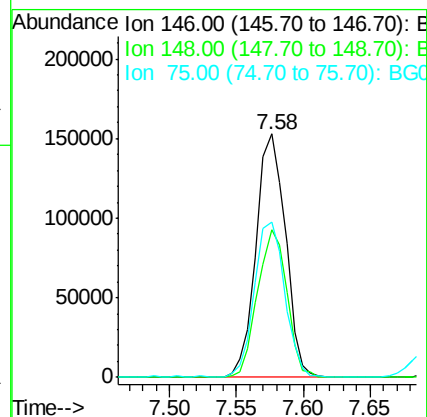
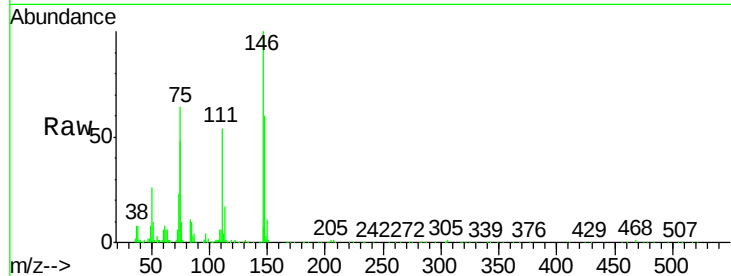
Tgt Ion:146 Resp: 232287

Ion Ratio Lower Upper

146 100

148 60.5 53.0 79.4

75 63.9 48.6 72.8



#13

1,4-Dichlorobenzene

Concen: 160.37 ng

RT: 7.72 min Scan# 857

Delta R.T. 0.00 min

Lab File: BG015912.D

Acq: 21 Jan 2015 21:00

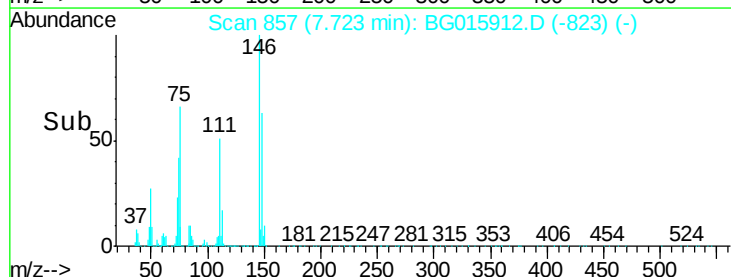
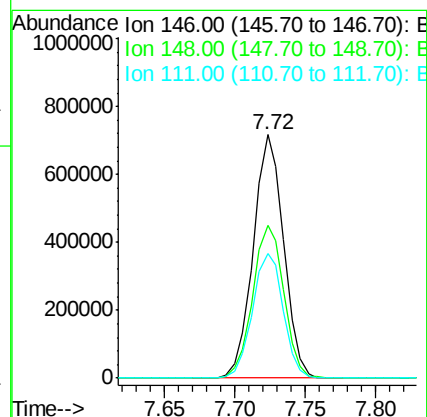
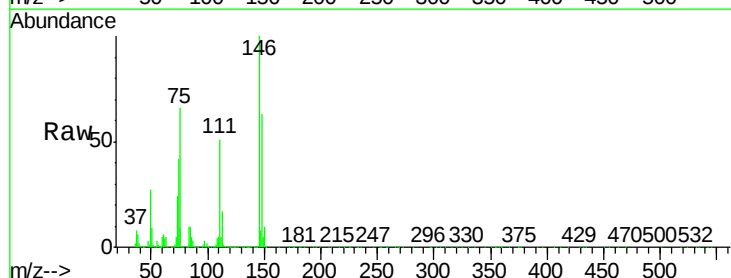
Tgt Ion:146 Resp: 1083886

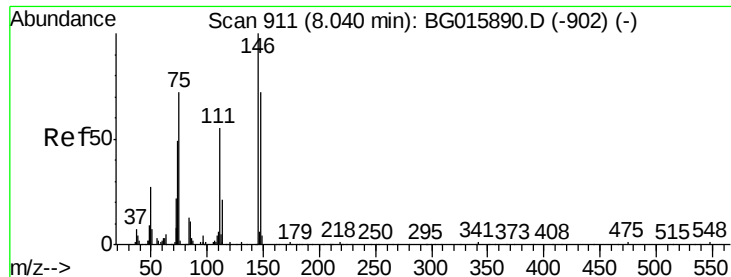
Ion Ratio Lower Upper

146 100

148 63.0 45.7 68.5

111 51.1 42.1 63.1





#14

1,2-Dichlorobenzene

Concen: 144.94 ng

RT: 8.04 min Scan# 911

Delta R.T. 0.00 min

Lab File: BG015912.D

Acq: 21 Jan 2015 21:00

Instrument :

BNA_G

ClientSampleId :

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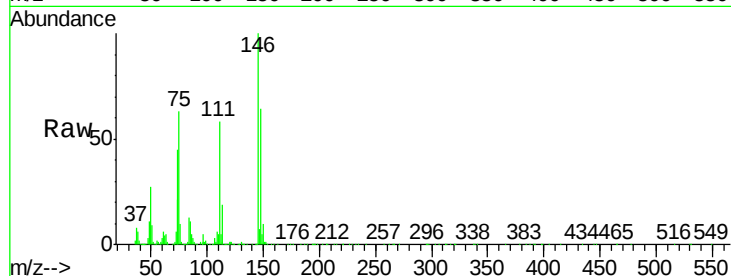
Tgt Ion:146 Resp: 959927

Ion Ratio Lower Upper

146 100

148 64.4 57.7 86.5

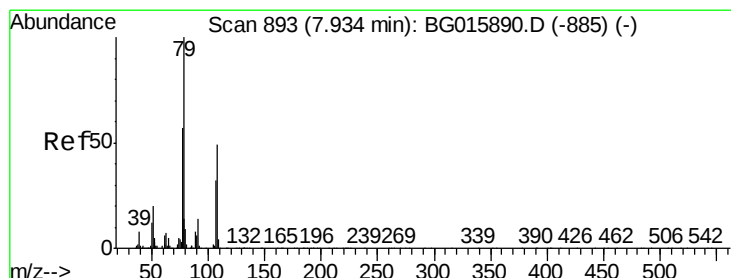
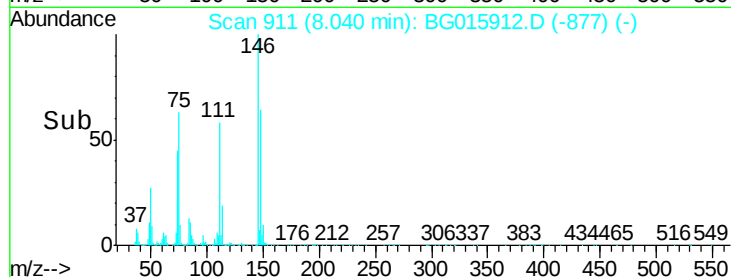
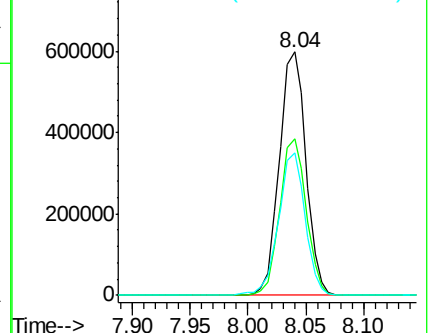
111 58.5 44.6 66.8



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



#15

Benzyl Alcohol

Concen: 2.68 ng

RT: 8.00 min Scan# 905

Delta R.T. 0.08 min

Lab File: BG015912.D

Acq: 21 Jan 2015 21:00

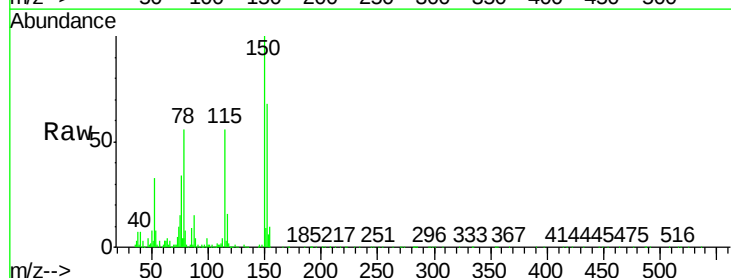
Tgt Ion: 79 Resp: 27241

Ion Ratio Lower Upper

79 100

108 66.0 38.9 58.3#

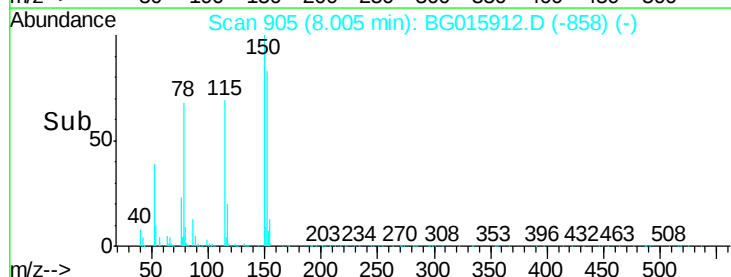
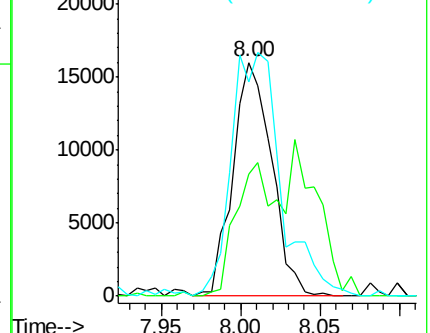
77 91.5 46.1 69.1#

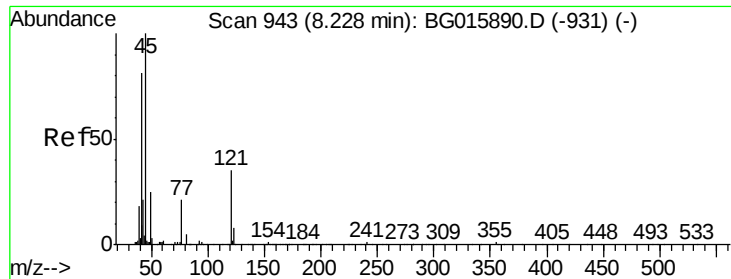


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

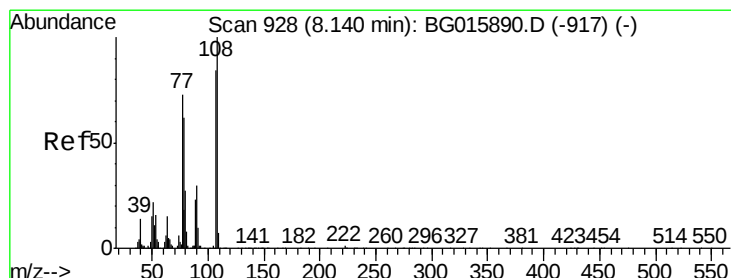
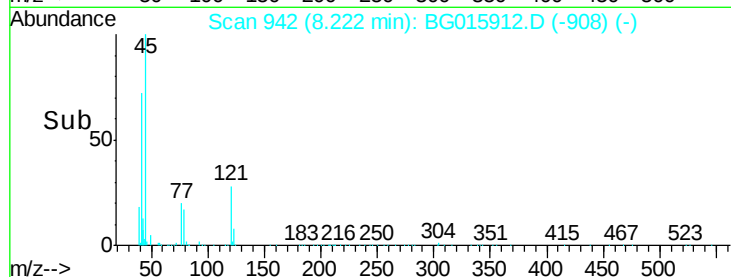
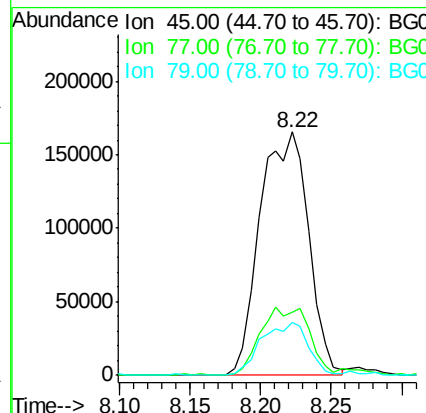
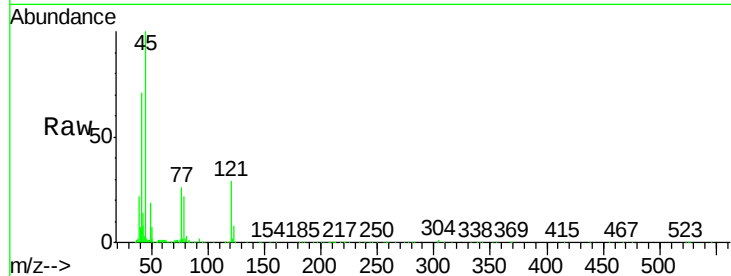




#16
2,2'-oxybis(1-Chloropropane)
Concen: 60.01 ng
RT: 8.22 min Scan# 942
Delta R.T. 0.00 min
Lab File: BG015912.D
Acq: 21 Jan 2015 21:00

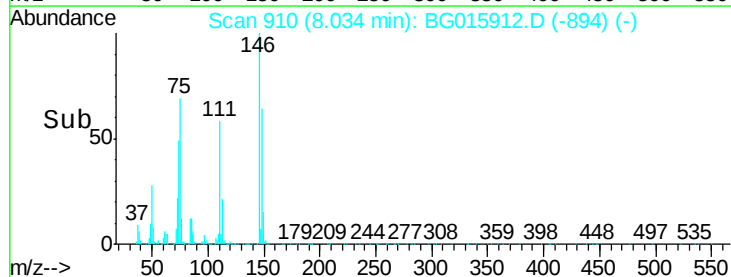
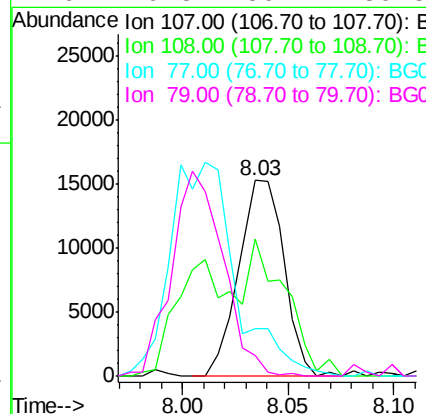
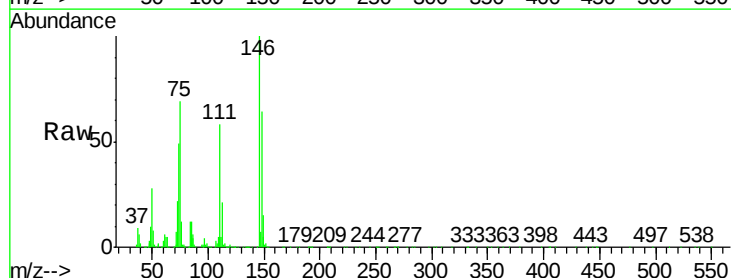
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BNA_G
ClientSampleId :
8036

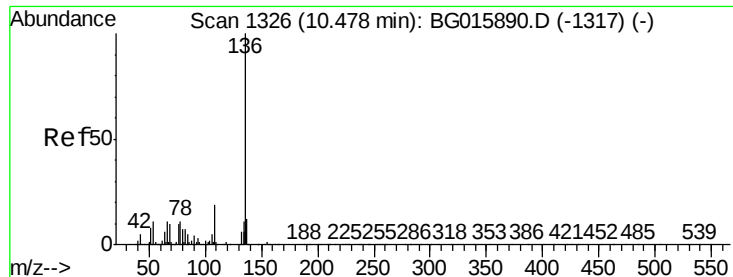
Tgt Ion: 45 Resp: 396815
Ion Ratio Lower Upper
45 100
77 26.0 16.0 56.0
79 22.0 0.0 38.7



#17
2-Methylphenol
Concen: 3.45 ng
RT: 8.03 min Scan# 910
Delta R.T. -0.11 min
Lab File: BG015912.D
Acq: 21 Jan 2015 21:00

Tgt Ion: 107 Resp: 22653
Ion Ratio Lower Upper
107 100
108 70.1 95.1 142.7#
77 24.5 69.2 103.8#
79 10.8 59.7 89.5#

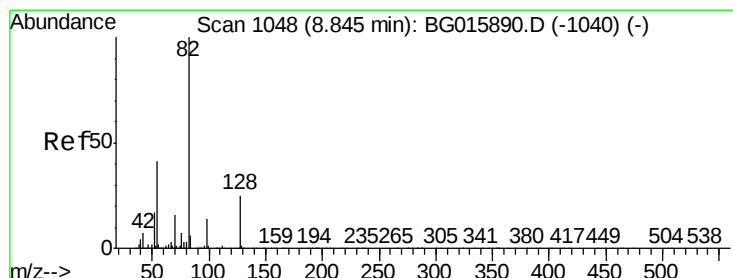
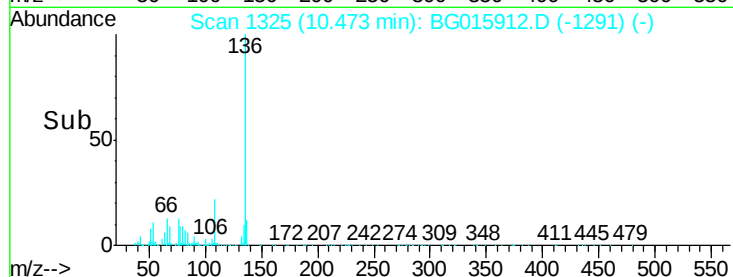
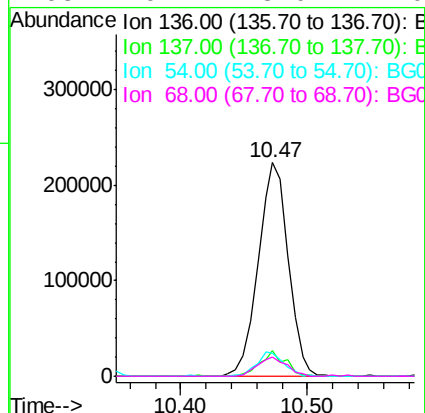
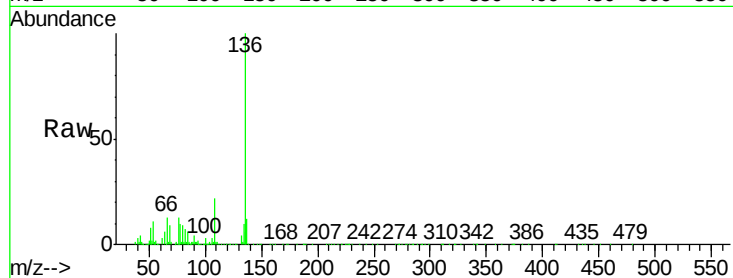




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.47 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BG015912.D
Acq: 21 Jan 2015 21:00

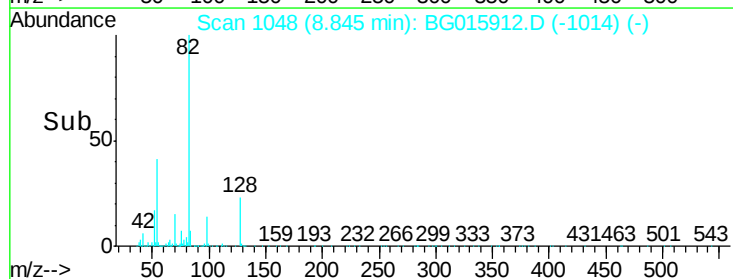
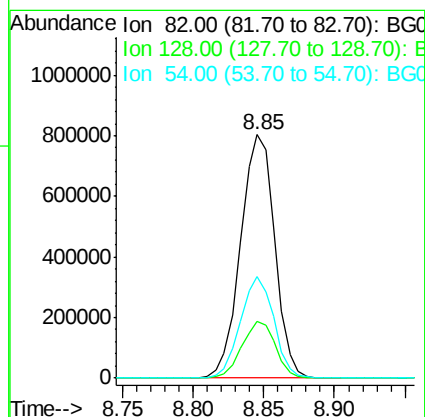
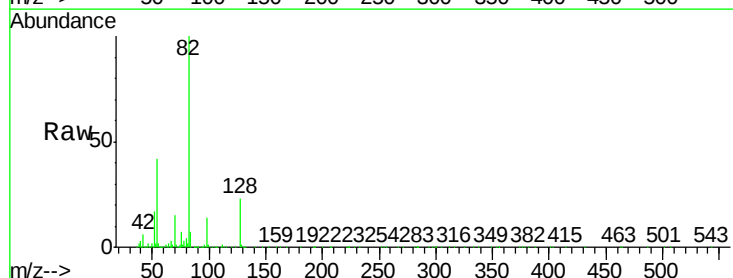
Instrument :
BNA_G
ClientSampleId :
8036

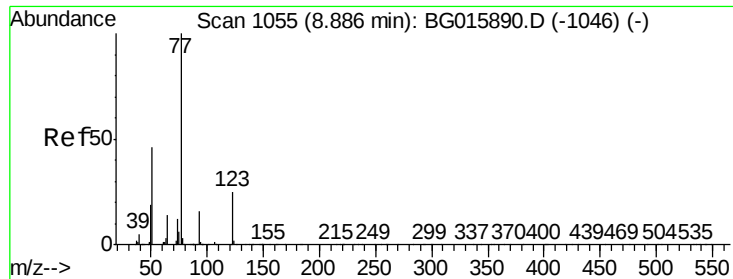
Tgt Ion:	136	Resp:	368482
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.7	14.5
54	10.8	8.5	12.7
68	9.2	8.0	12.0



#23
Nitrobenzene-d5
Concen: 106.44 ng
RT: 8.85 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BG015912.D
Acq: 21 Jan 2015 21:00

Tgt Ion:	82	Resp:	1360592
Ion	Ratio	Lower	Upper
82	100		
128	23.3	19.8	29.8
54	41.5	33.0	49.4

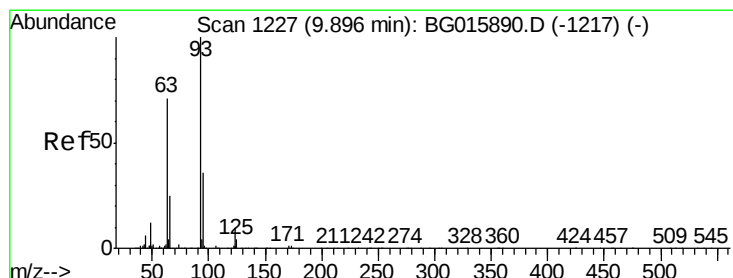
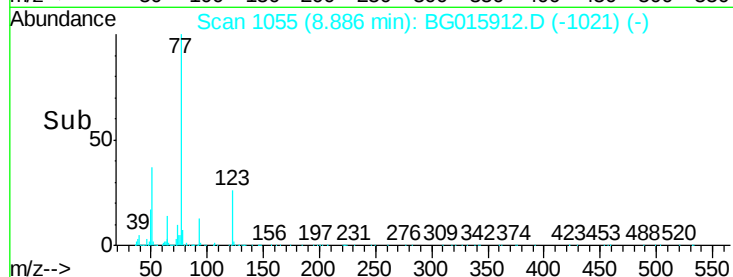
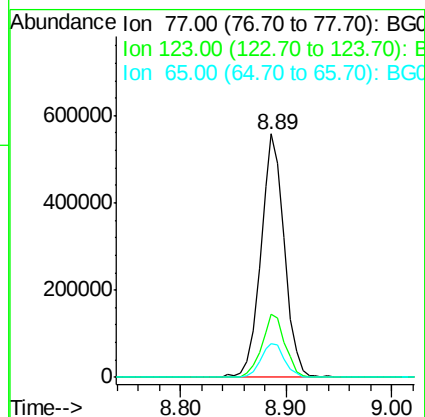
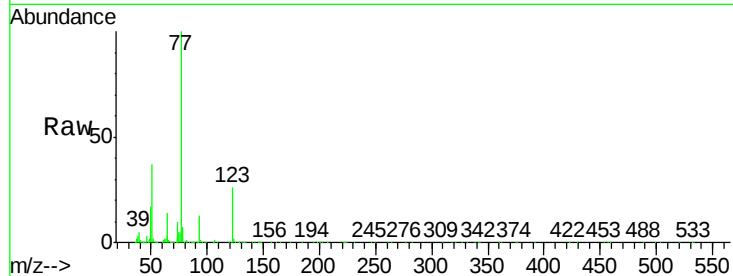




#24
 Nitrobenzene
 Concen: 63.98 ng
 RT: 8.89 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: BG015912.D
 Acq: 21 Jan 2015 21:00

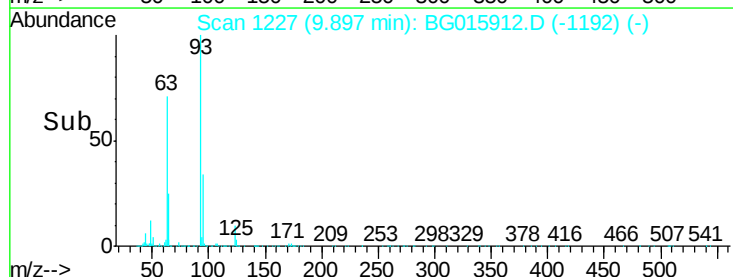
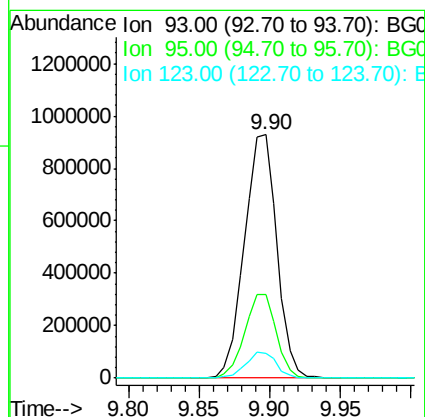
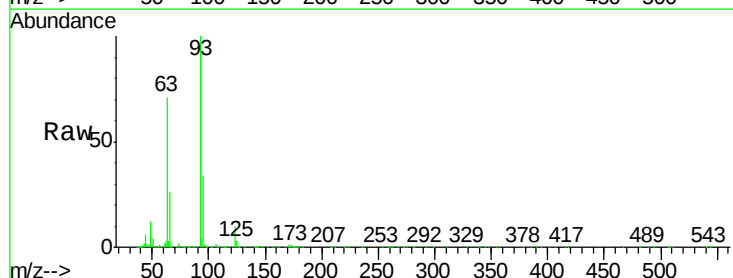
Instrument :
 BNA_G
 ClientSampleId :
 8036

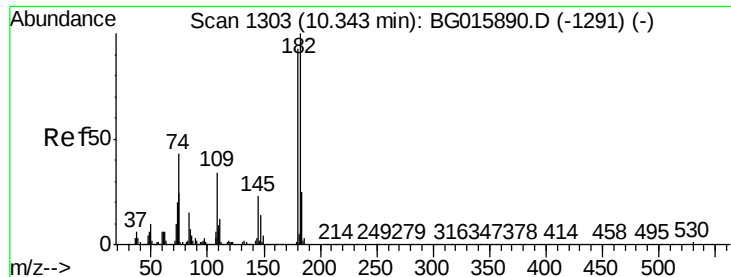
Tgt Ion	Ratio	Lower	Upper
77	100		
123	25.8	20.0	30.0
65	13.9	11.0	16.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 136.98 ng
 RT: 9.90 min Scan# 1227
 Delta R.T. 0.01 min
 Lab File: BG015912.D
 Acq: 21 Jan 2015 21:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.4	28.6	42.8
123	10.3	7.9	11.9

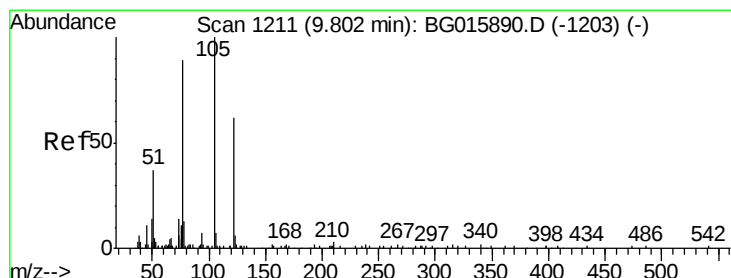
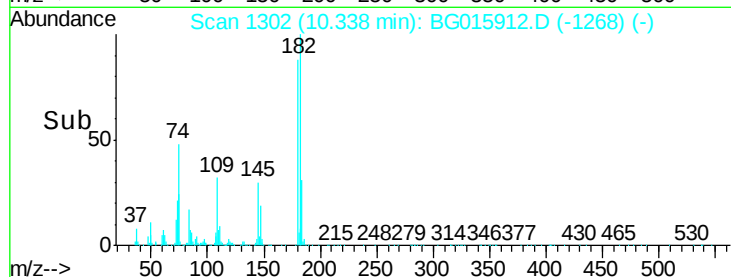
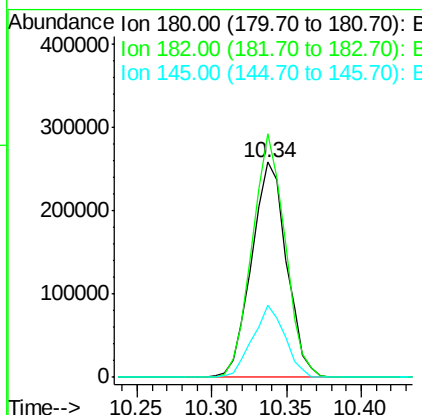
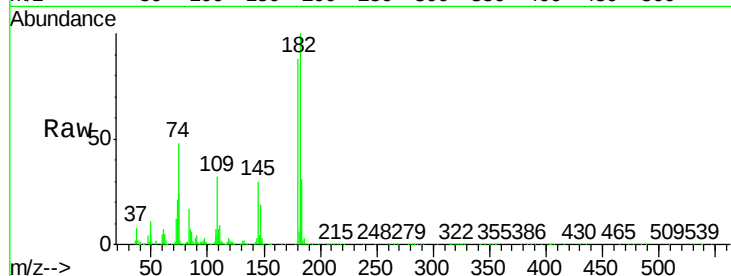




#30
1,2,4-Trichlorobenzene
Concen: 51.61 ng
RT: 10.34 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BG015912.D
Acq: 21 Jan 2015 21:00

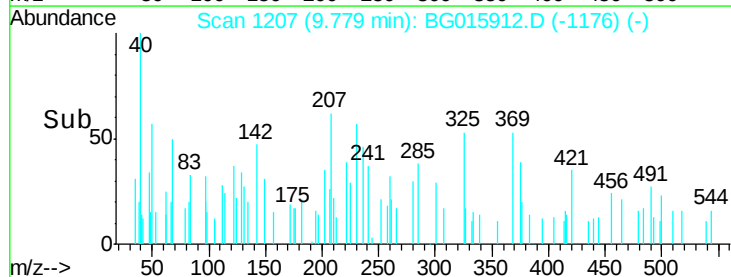
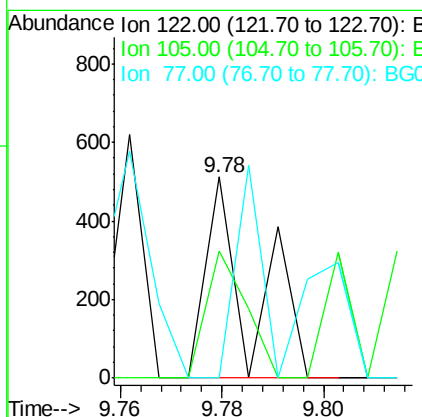
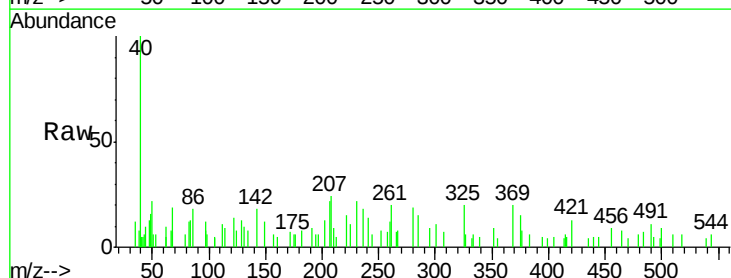
Instrument :
BNA_G
ClientSampleId :
8036

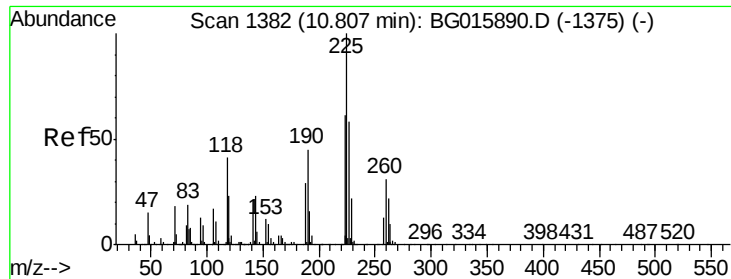
Tgt Ion	Ratio	Lower	Upper
180	100		
182	113.3	86.4	129.6
145	33.7	20.1	30.1#



#32
Benzoic acid
Concen: 10.45 ng
RT: 9.78 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BG015912.D
Acq: 21 Jan 2015 21:00

Tgt Ion	Ratio	Lower	Upper
122	100		
105	63.1	140.2	180.2#
77	0.0	126.4	166.4#





#34

Hexachlorobutadiene

Concen: 116.37 ng

RT: 10.81 min Scan# 1382

Delta R.T. 0.00 min

Lab File: BG015912.D

Acq: 21 Jan 2015 21:00

Instrument :

BNA_G

ClientSampleId :

8036

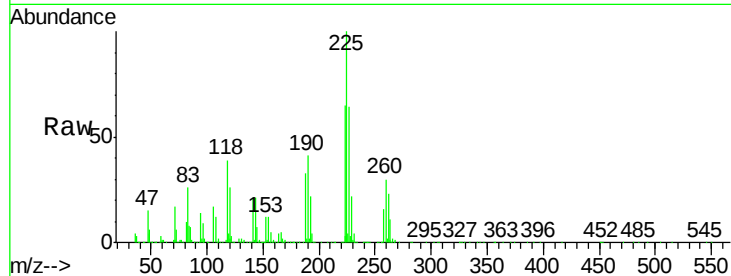
Tgt Ion: 225 Resp: 918339

Ion Ratio Lower Upper

225 100

223 66.3 49.9 74.9

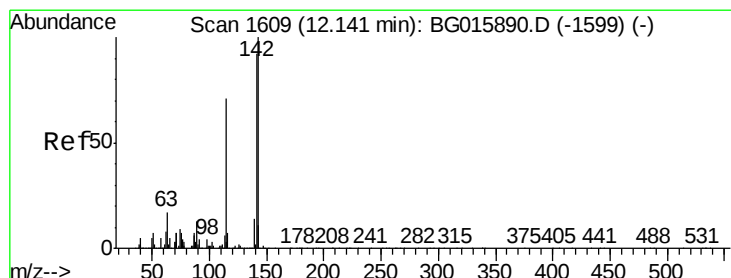
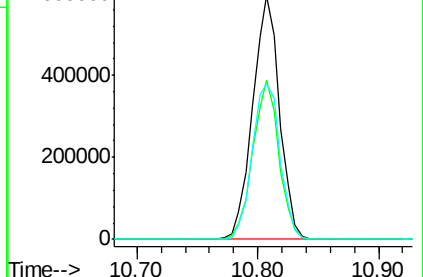
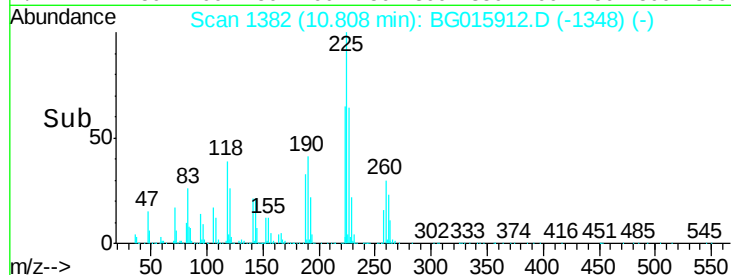
227 61.3 45.3 67.9



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#37

2-Methylnaphthalene

Concen: 66.41 ng

RT: 12.14 min Scan# 1609

Delta R.T. 0.00 min

Lab File: BG015912.D

Acq: 21 Jan 2015 21:00

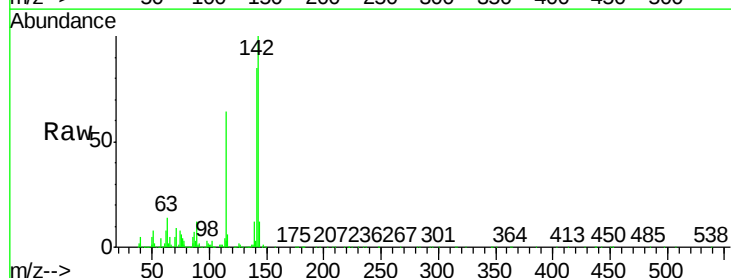
Tgt Ion: 142 Resp: 994709

Ion Ratio Lower Upper

142 100

141 84.7 73.8 110.8

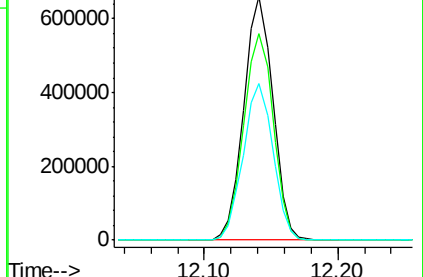
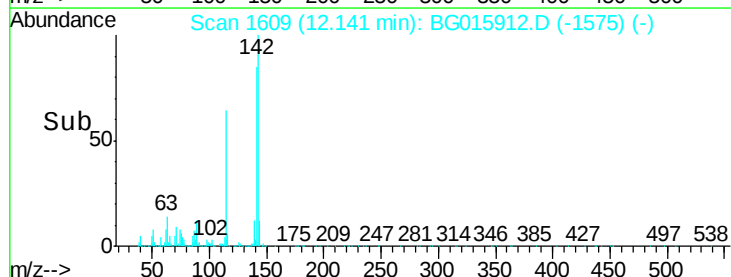
115 64.5 56.6 84.8

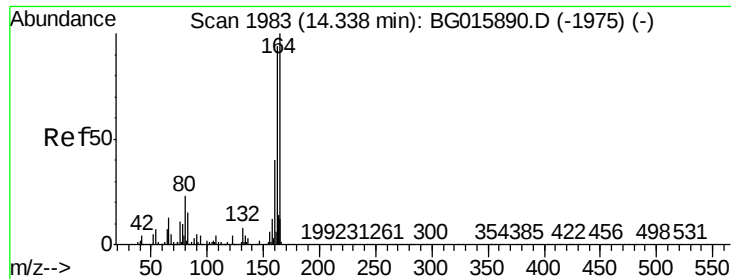


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.33 min Scan# 1982

Delta R.T. 0.00 min

Lab File: BG015912.D

Acq: 21 Jan 2015 21:00

Instrument :

BNA_G

ClientSampleId :

8036

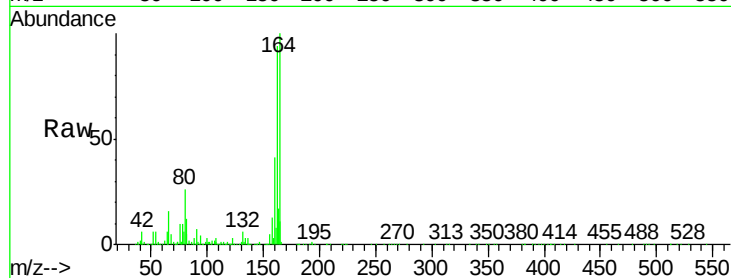
Tgt Ion:164 Resp: 336636

Ion Ratio Lower Upper

164 100

162 93.9 75.1 112.7

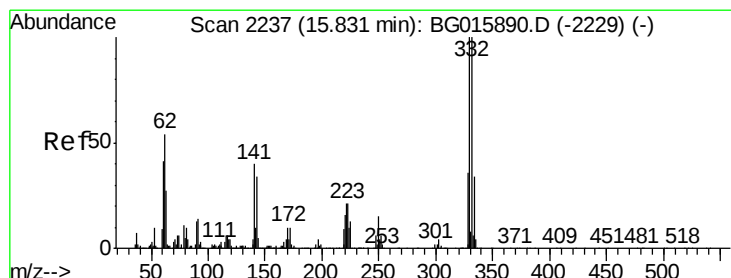
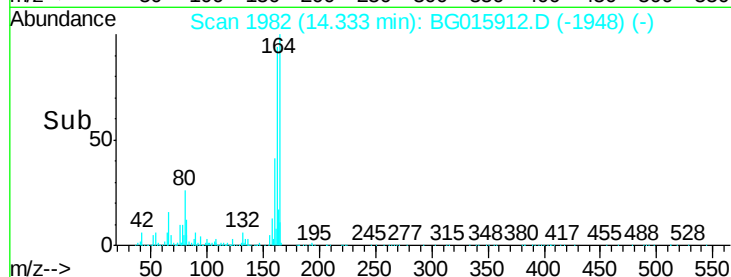
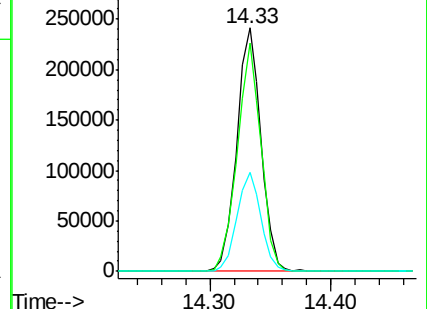
160 40.9 32.3 48.5



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: 153.34 ng

RT: 15.83 min Scan# 2236

Delta R.T. 0.00 min

Lab File: BG015912.D

Acq: 21 Jan 2015 21:00

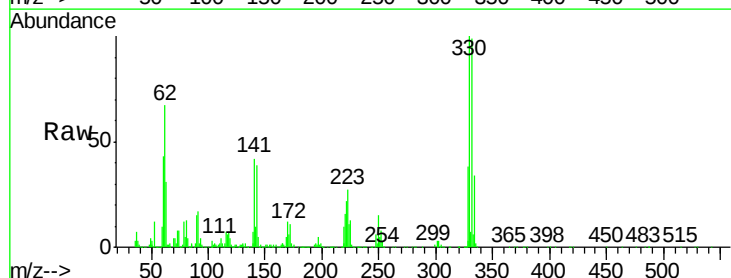
Tgt Ion:330 Resp: 944998

Ion Ratio Lower Upper

330 100

332 97.5 75.4 113.0

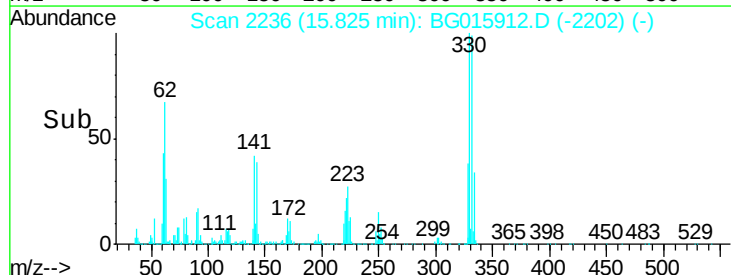
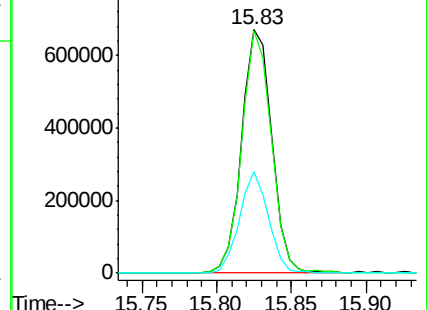
141 40.2 33.0 49.6

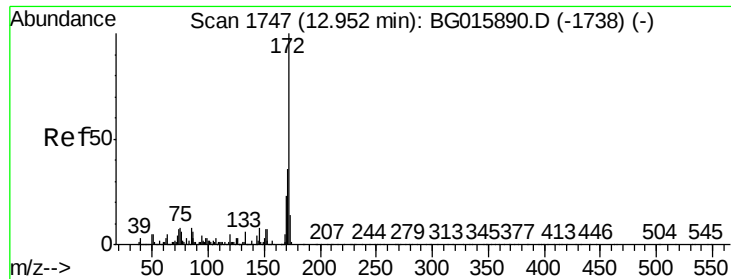


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

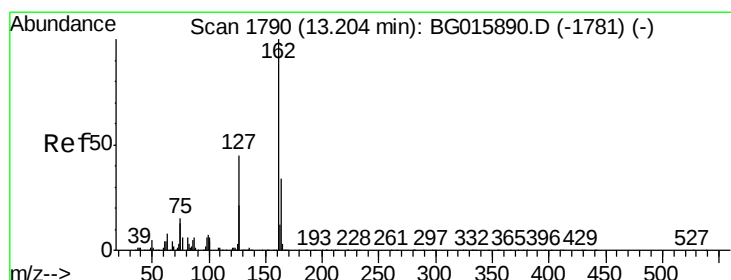
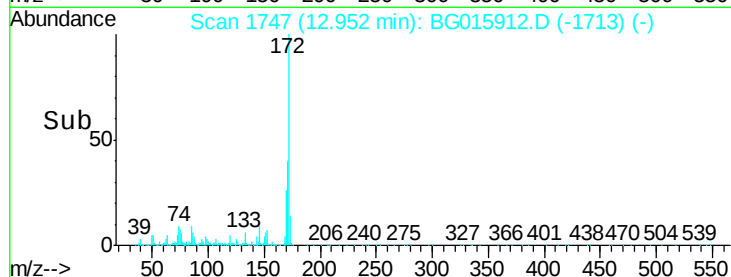
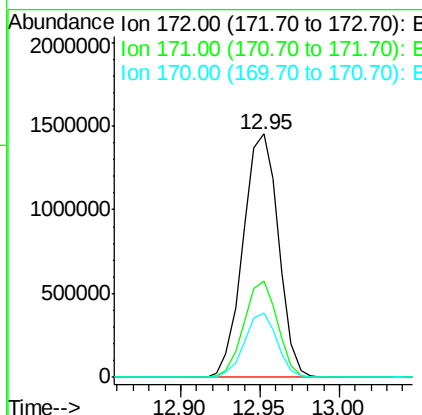
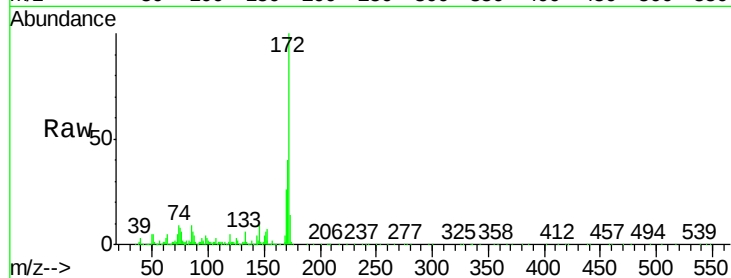




#44
2-Fluorobiphenyl
Concen: 104.75 ng
RT: 12.95 min Scan# 1747
Delta R.T. 0.00 min
Lab File: BG015912.D
Acq: 21 Jan 2015 21:00

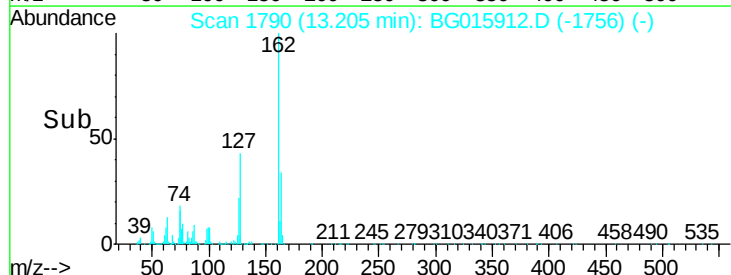
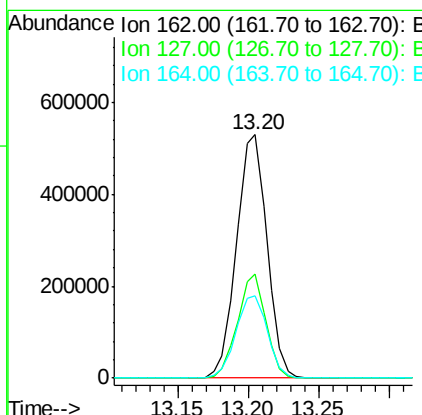
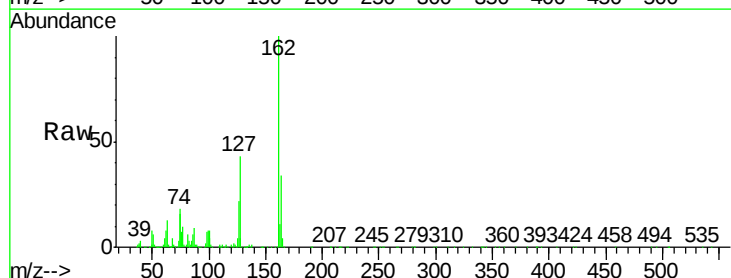
Instrument :
BNA_G
ClientSampleId :
8036

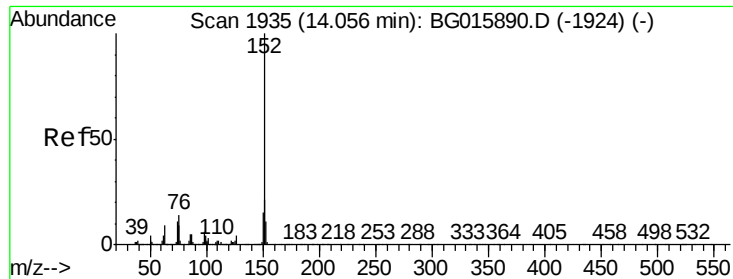
Tgt Ion:172 Resp: 2247387
Ion Ratio Lower Upper
172 100
171 39.5 29.2 43.8
170 26.4 18.6 27.8



#46
2-Chloronaphthalene
Concen: 44.49 ng
RT: 13.20 min Scan# 1790
Delta R.T. 0.00 min
Lab File: BG015912.D
Acq: 21 Jan 2015 21:00

Tgt Ion:162 Resp: 798166
Ion Ratio Lower Upper
162 100
127 42.8 37.1 55.7
164 33.7 27.0 40.4





#48

Acenaphthylene

Concen: 65.05 ng

RT: 14.05 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BG015912.D

Acq: 21 Jan 2015 21:00

Instrument :

BNA_G

ClientSampled :

8036

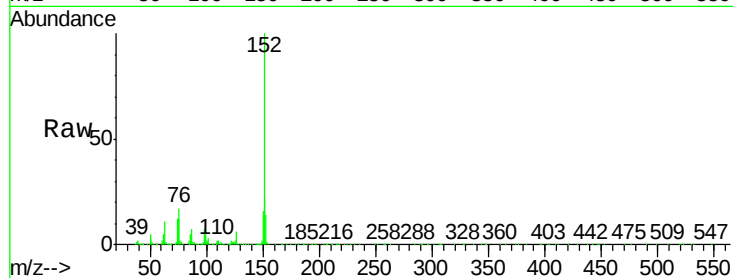
Tgt Ion:152 Resp: 1772222

Ion Ratio Lower Upper

152 100

151 21.5 16.6 24.8

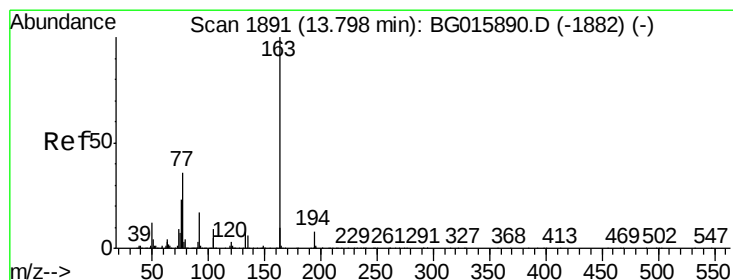
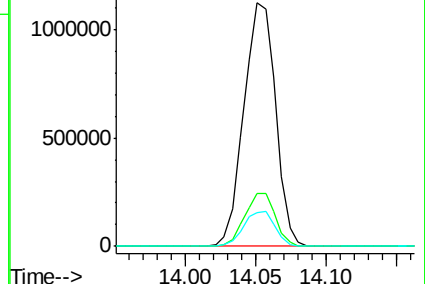
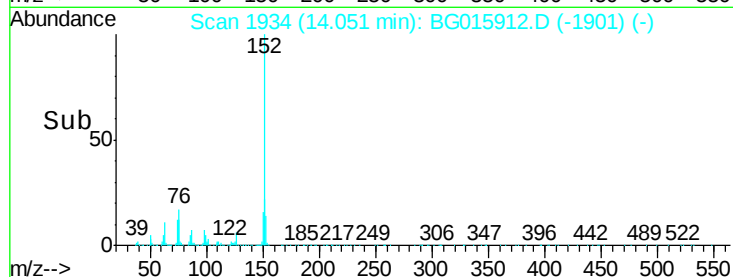
153 14.1 8.9 13.3#



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: 80.91 ng

RT: 13.80 min Scan# 1891

Delta R.T. 0.00 min

Lab File: BG015912.D

Acq: 21 Jan 2015 21:00

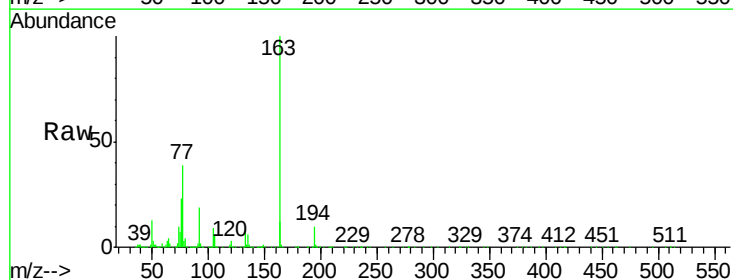
Tgt Ion:163 Resp: 1959951

Ion Ratio Lower Upper

163 100

194 9.7 6.2 9.4#

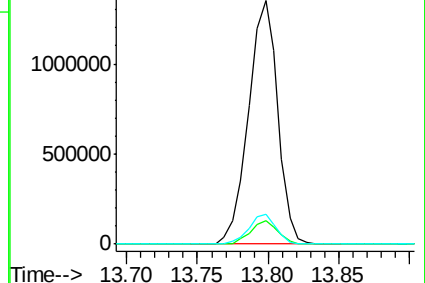
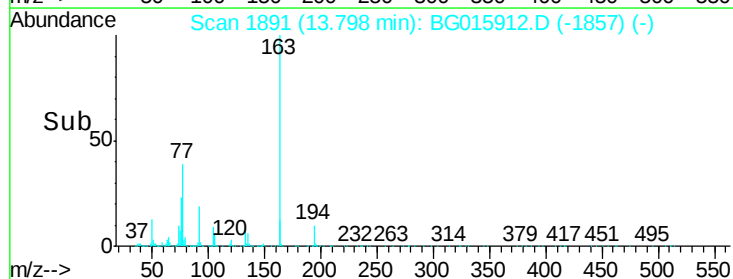
164 12.0 8.0 12.0#

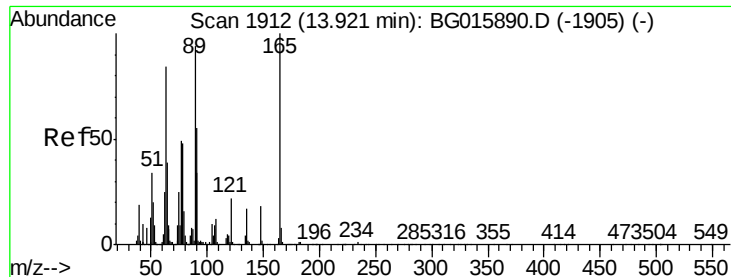


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

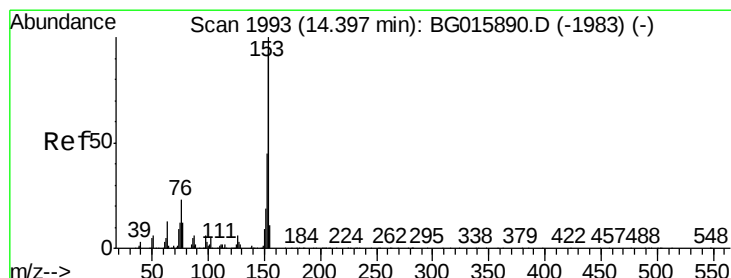
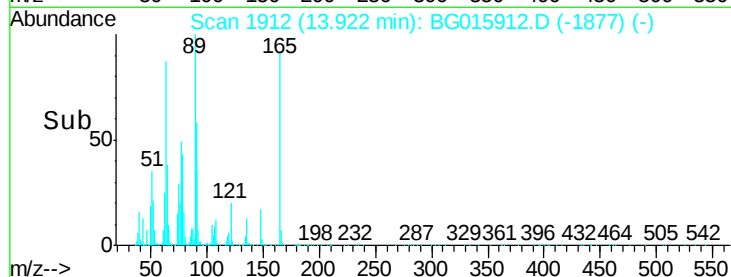
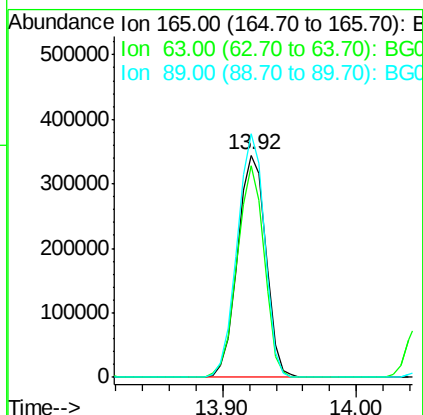
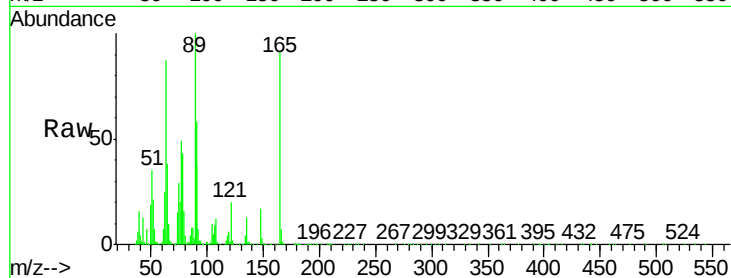




#50
2,6-Dinitrotoluene
Concen: 92.17 ng
RT: 13.92 min Scan# 1912
Delta R.T. 0.01 min
Lab File: BG015912.D
Acq: 21 Jan 2015 21:00

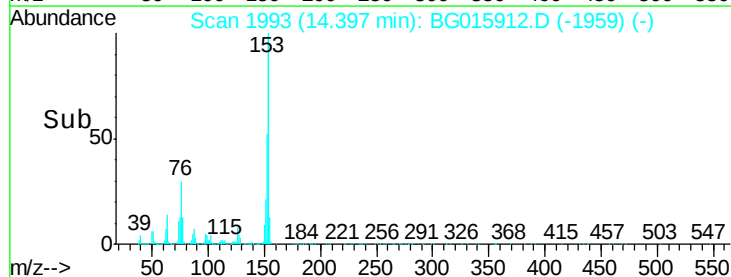
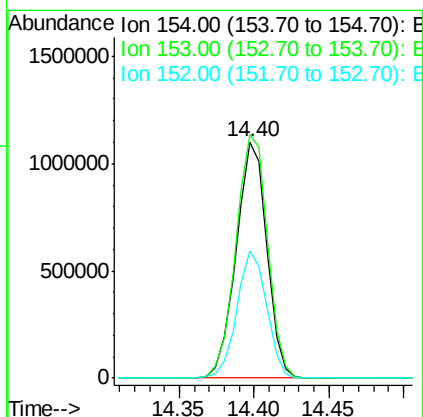
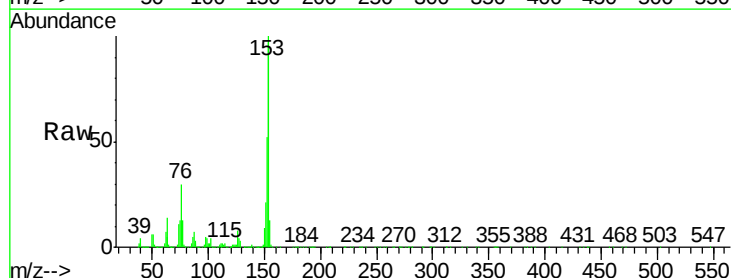
Instrument :
BNA_G
ClientSampleId :
8036

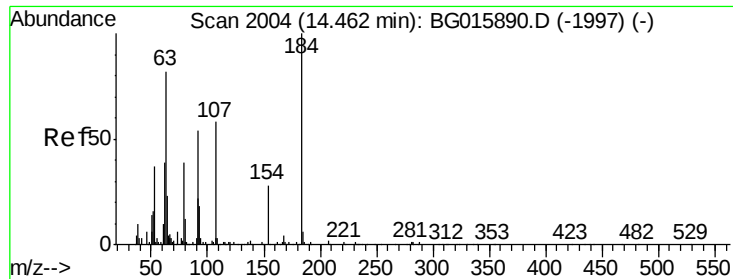
Tgt Ion:165 Resp: 504043
Ion Ratio Lower Upper
165 100
63 95.5 68.3 102.5
89 109.7 75.4 113.2



#51
Acenaphthene
Concen: 91.67 ng
RT: 14.40 min Scan# 1993
Delta R.T. 0.00 min
Lab File: BG015912.D
Acq: 21 Jan 2015 21:00

Tgt Ion:154 Resp: 1569089
Ion Ratio Lower Upper
154 100
153 102.9 85.1 127.7
152 53.8 38.3 57.5





#53

2,4-Dinitrophenol

Concen: 4.60 ng

RT: 14.40 min Scan# 1993

Delta R.T. -0.06 min

Lab File: BG015912.D

Acq: 21 Jan 2015 21:00

Instrument :

BNA_G

ClientSampleId :

8036

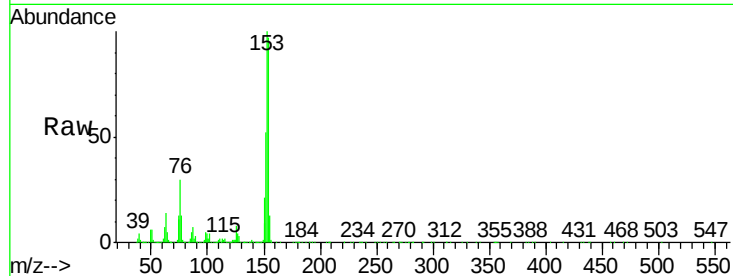
Tgt Ion:184 Resp: 292

Ion Ratio Lower Upper

184 100

63 26352.3 68.6 103.0#

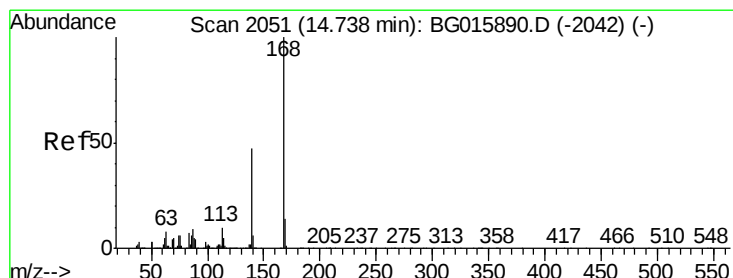
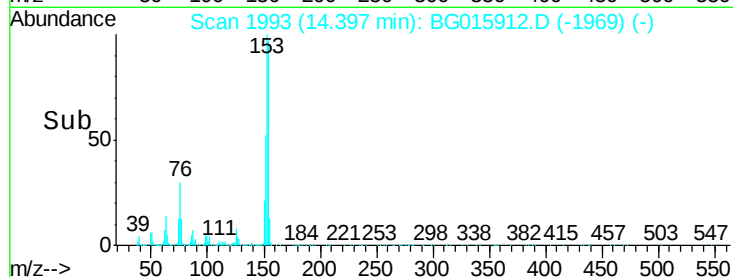
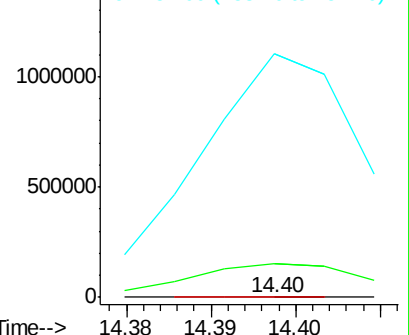
154 187878.7 54.9 82.3#



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: 109.35 ng

RT: 14.74 min Scan# 2051

Delta R.T. 0.01 min

Lab File: BG015912.D

Acq: 21 Jan 2015 21:00

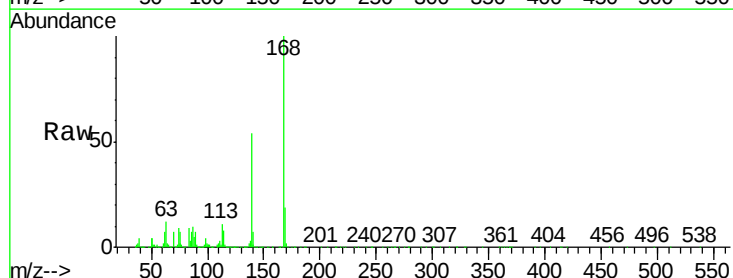
Tgt Ion:168 Resp: 3088496

Ion Ratio Lower Upper

168 100

139 53.8 37.8 56.8

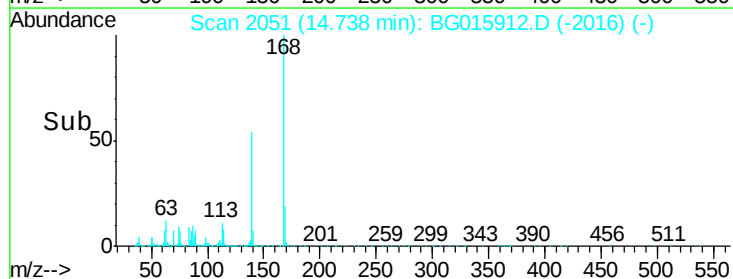
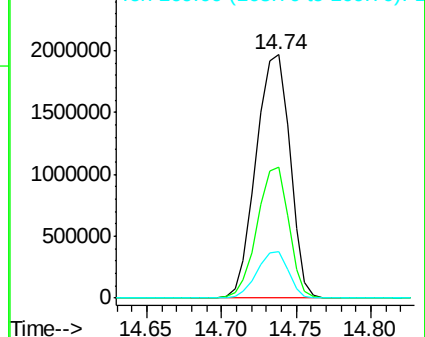
169 18.9 11.5 17.3#

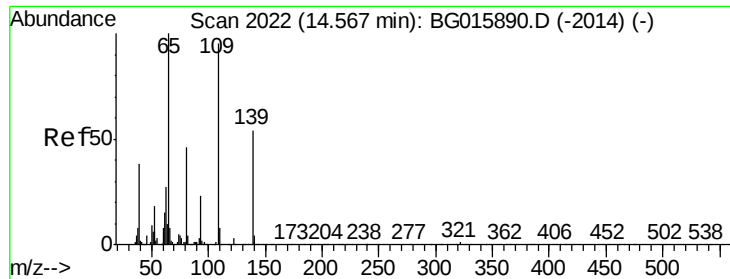


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

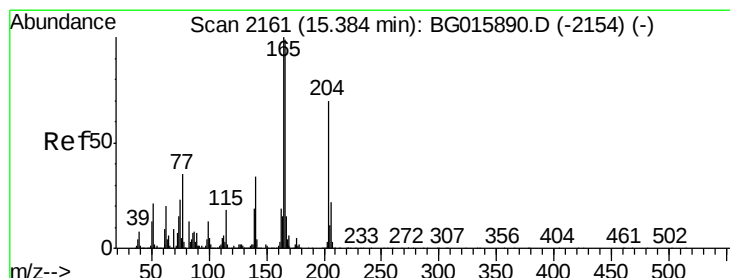
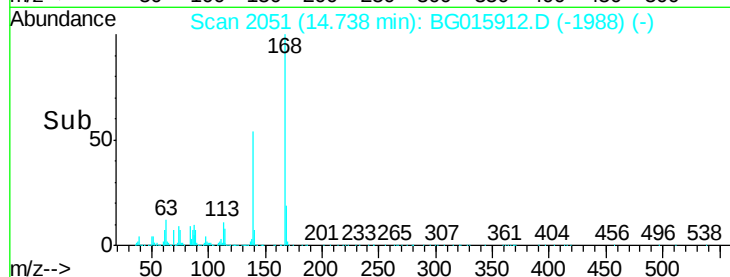
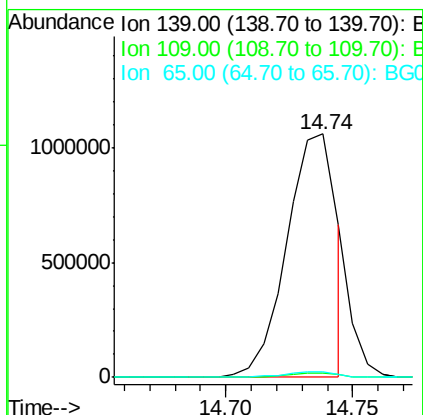
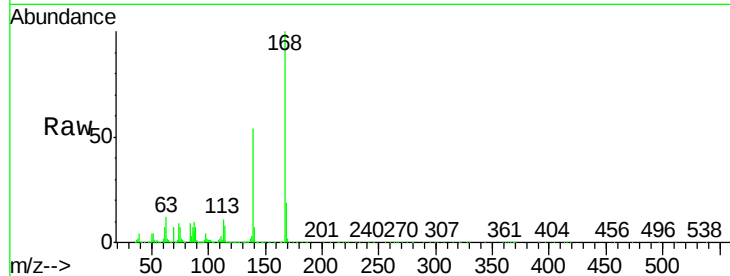




#55
4-Nitrophenol
Concen: 406.80 ng
RT: 14.74 min Scan# 2051
Delta R.T. 0.17 min
Lab File: BG015912.D
Acq: 21 Jan 2015 21:00

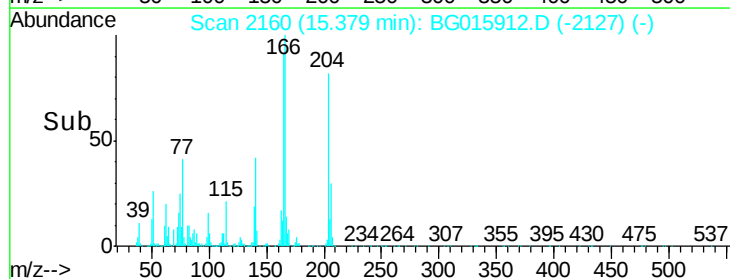
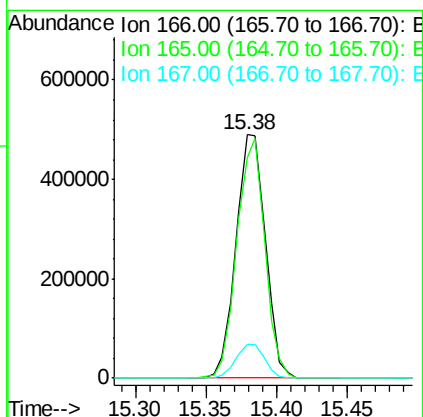
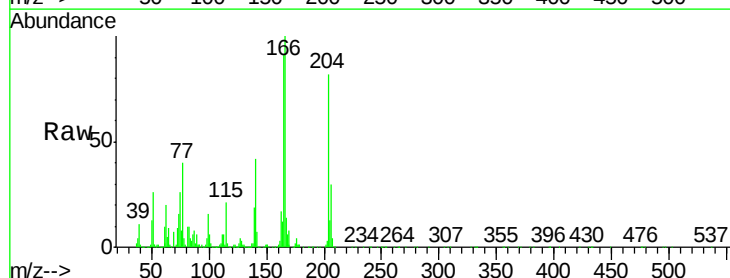
Instrument :
BNA_G
ClientSampleId :
8036

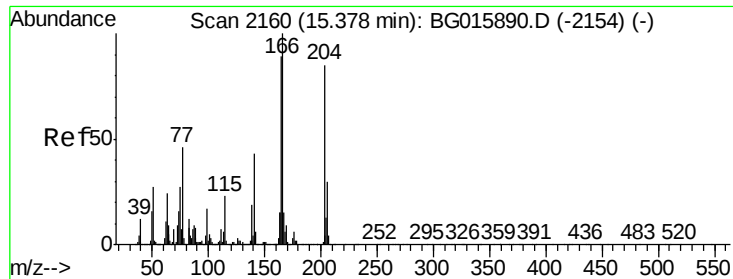
Tgt Ion:139 Resp: 1440000
Ion Ratio Lower Upper
139 100
109 1.8 156.3 196.3#
65 2.2 166.3 206.3#



#57
Fluorene
Concen: 27.98 ng
RT: 15.38 min Scan# 2160
Delta R.T. -0.01 min
Lab File: BG015912.D
Acq: 21 Jan 2015 21:00

Tgt Ion:166 Resp: 712937
Ion Ratio Lower Upper
166 100
165 90.7 80.6 120.8
167 14.0 12.5 18.7

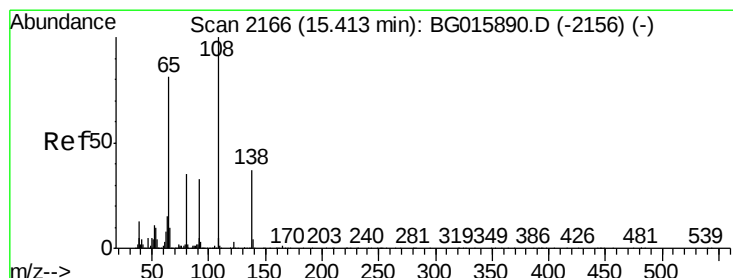
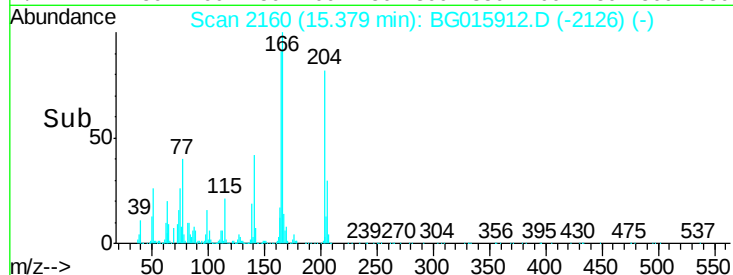
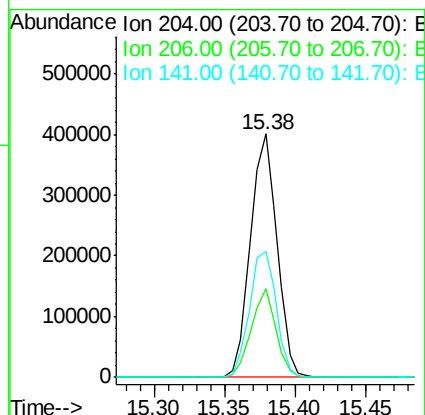
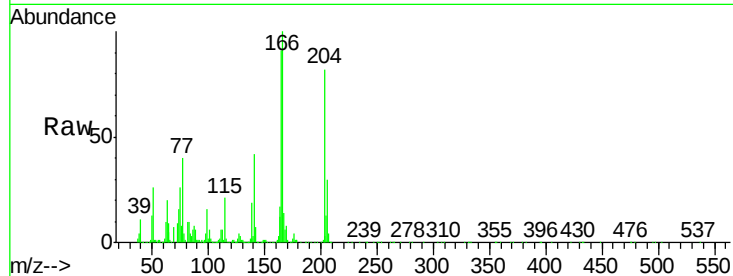




#60
4-Chlorophenyl-phenylether
Concen: 31.29 ng
RT: 15.38 min Scan# 2160
Delta R.T. 0.00 min
Lab File: BG015912.D
Acq: 21 Jan 2015 21:00

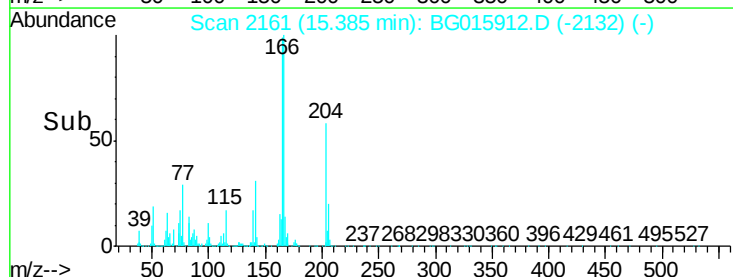
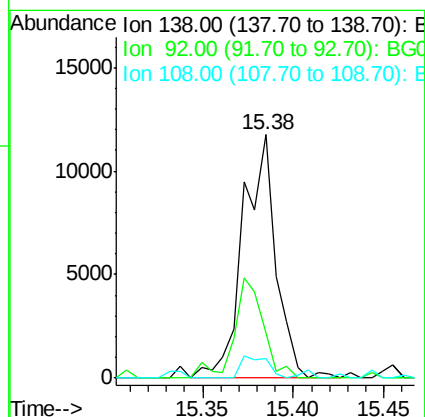
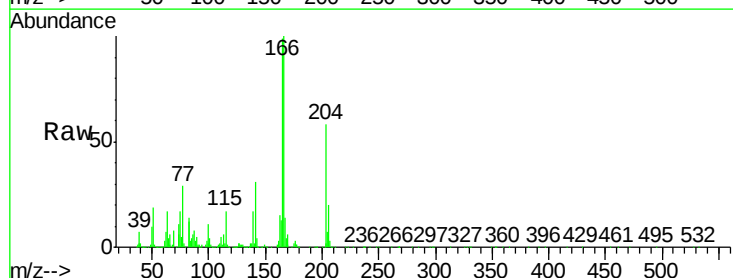
Instrument :
BNA_G
ClientSampleId :
8036

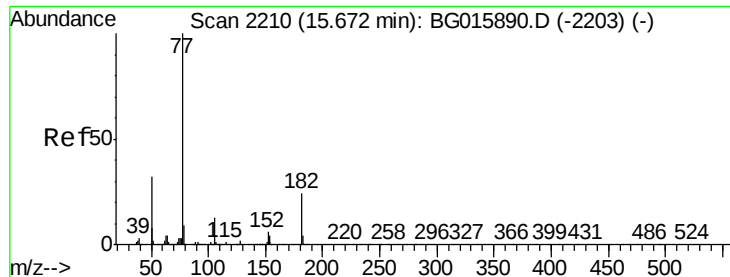
Tgt Ion:204 Resp: 530258
Ion Ratio Lower Upper
204 100
206 36.3 28.4 42.6
141 51.9 41.0 61.6



#61
4-Nitroaniline
Concen: 2.73 ng
RT: 15.38 min Scan# 2161
Delta R.T. -0.03 min
Lab File: BG015912.D
Acq: 21 Jan 2015 21:00

Tgt Ion:138 Resp: 14896
Ion Ratio Lower Upper
138 100
92 18.6 70.7 110.7#
108 7.8 251.1 291.1#

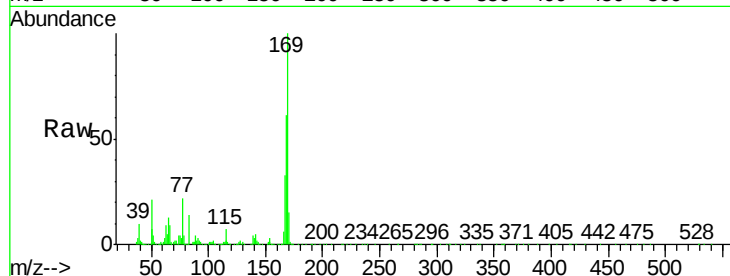




#62
Azobenzene
Concen: 4.09 ng
RT: 15.59 min Scan# 2196
Delta R.T. -0.08 min
Lab File: BG015912.D
Acq: 21 Jan 2015 21:00

Instrument :
BNA_G
ClientSampleId :
8036

Tgt Ion	Ratio	Lower	Upper
77	100		
182	0.0	3.6	43.6#
105	0.3	0.0	32.9
51	96.1	11.8	51.8#



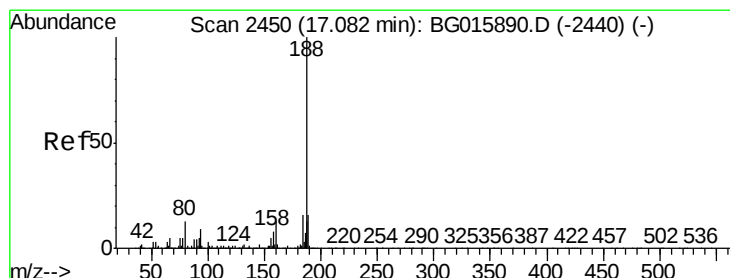
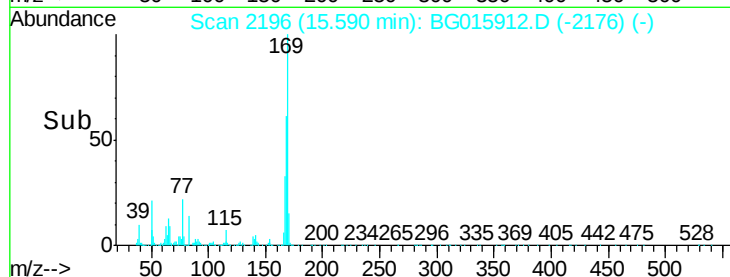
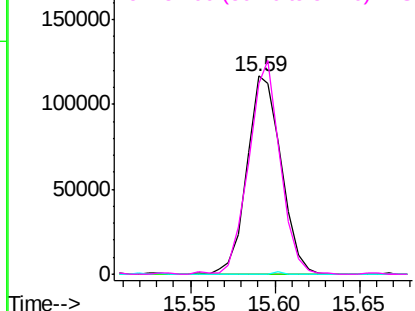
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

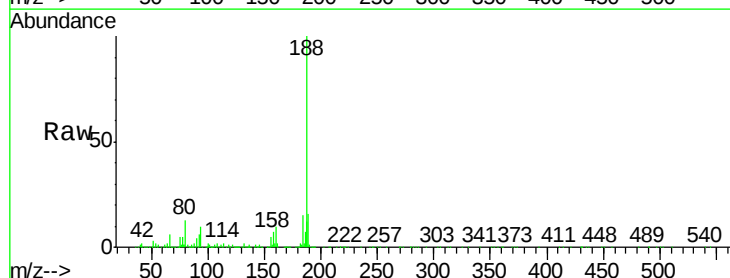
Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.08 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG015912.D
Acq: 21 Jan 2015 21:00

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	7.8	11.8
80	13.1	10.6	16.0

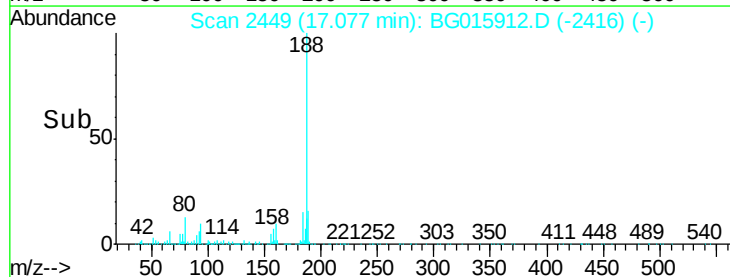
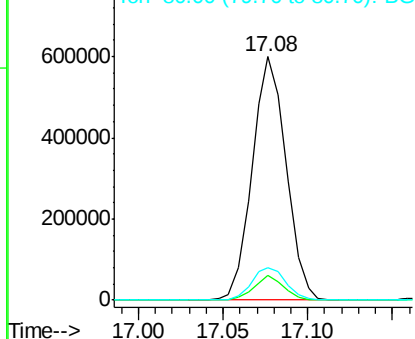


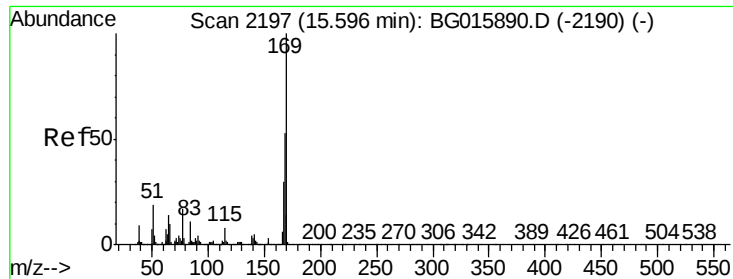
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

n-Nitrosodiphenylamine

Concen: 36.36 ng

RT: 15.60 min Scan# 2197

Delta R.T. 0.00 min

Lab File: BG015912.D

Acq: 21 Jan 2015 21:00

Instrument :

BNA_G

ClientSampleId :

8036

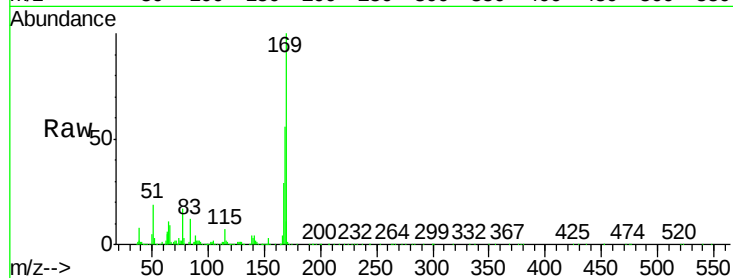
Tgt Ion:169 Resp: 863109

Ion Ratio Lower Upper

169 100

168 56.4 42.3 63.5

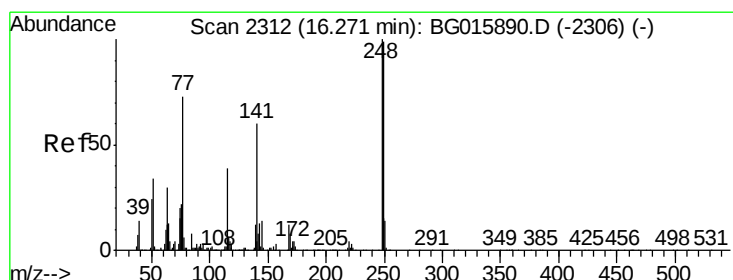
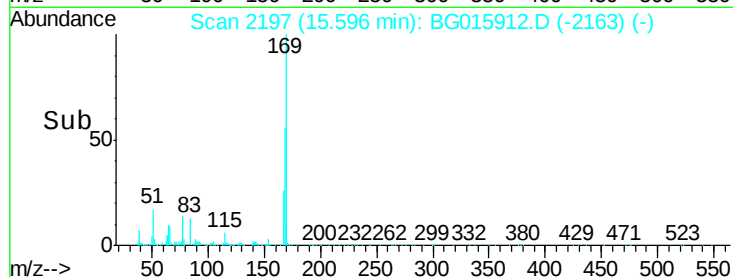
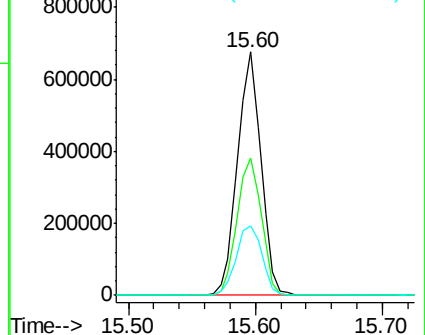
167 28.7 24.2 36.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 92.02 ng

RT: 16.27 min Scan# 2312

Delta R.T. 0.00 min

Lab File: BG015912.D

Acq: 21 Jan 2015 21:00

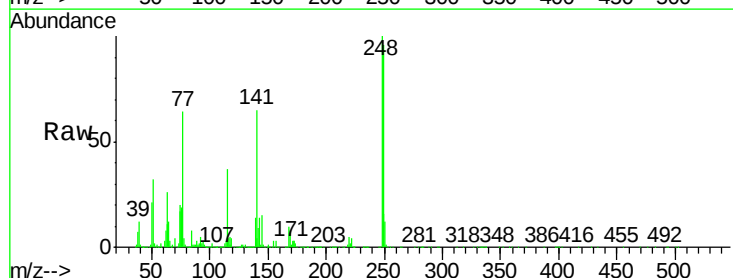
Tgt Ion:248 Resp: 1118092

Ion Ratio Lower Upper

248 100

250 96.4 79.3 118.9

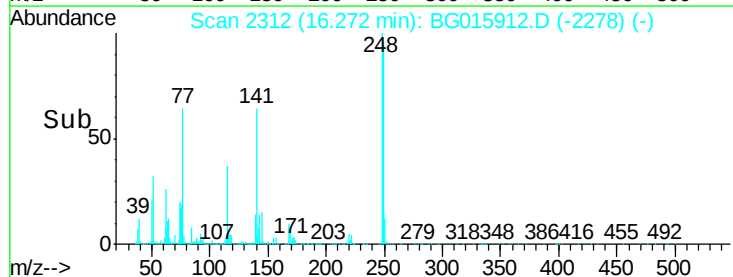
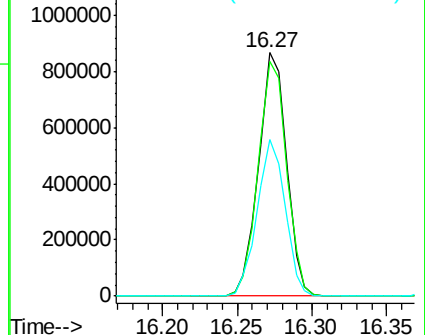
141 64.6 47.8 71.6

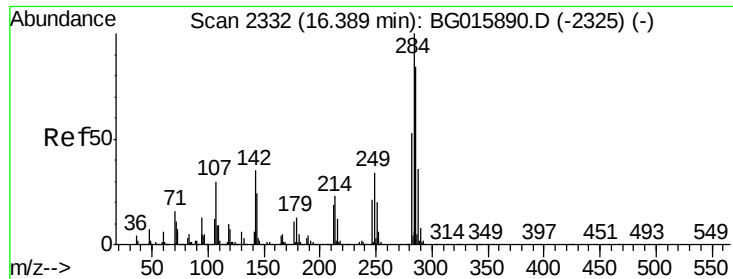


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

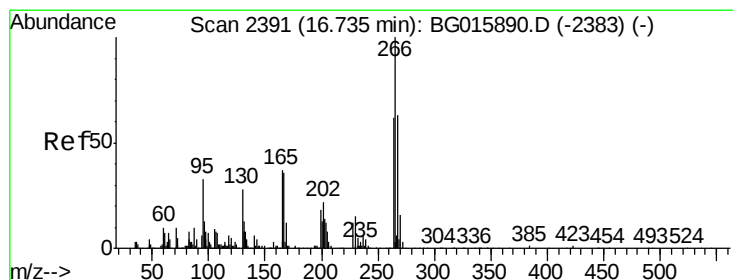
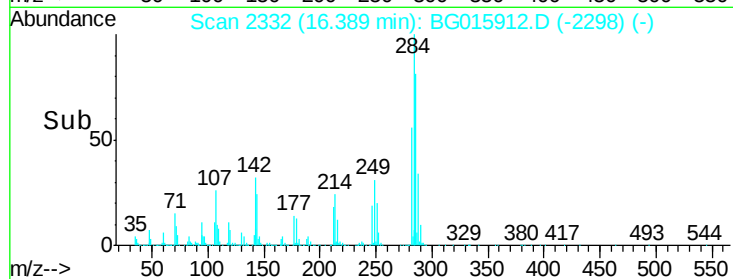
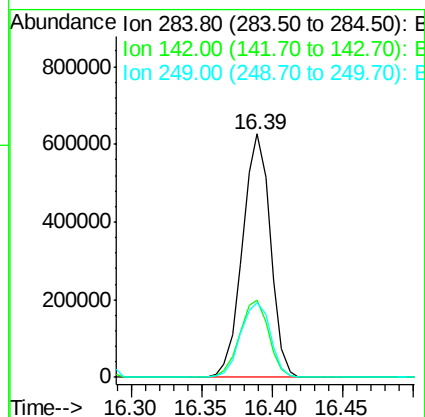
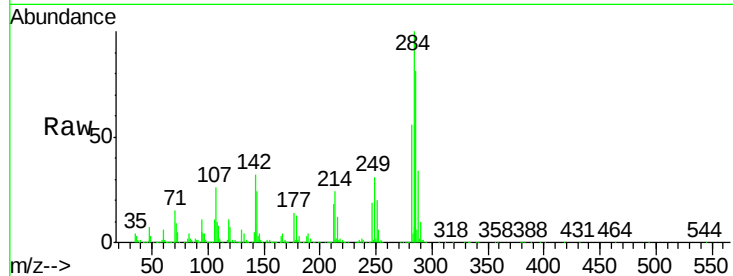




#67
Hexachlorobenzene
Concen: 65.81 ng
RT: 16.39 min Scan# 2332
Delta R.T. 0.00 min
Lab File: BG015912.D
Acq: 21 Jan 2015 21:00

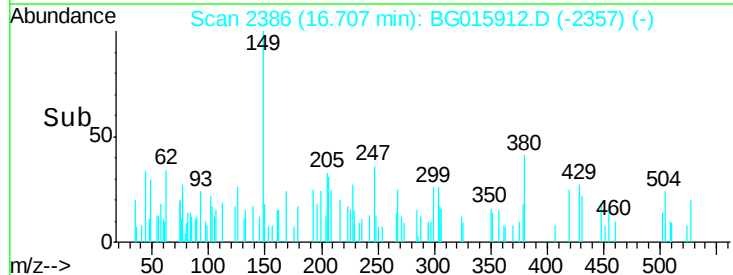
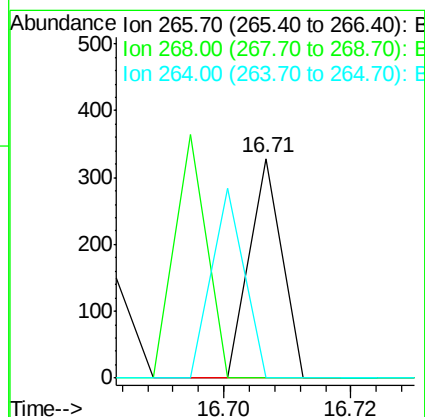
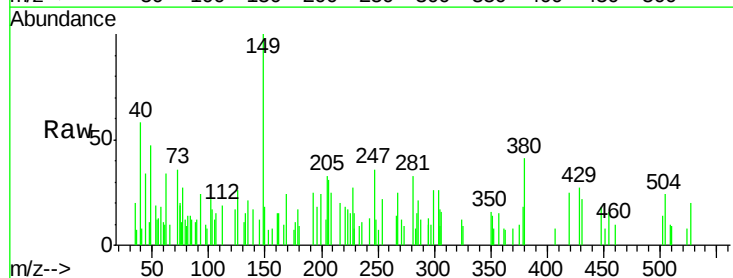
Instrument :
BNA_G
ClientSampleId :
8036

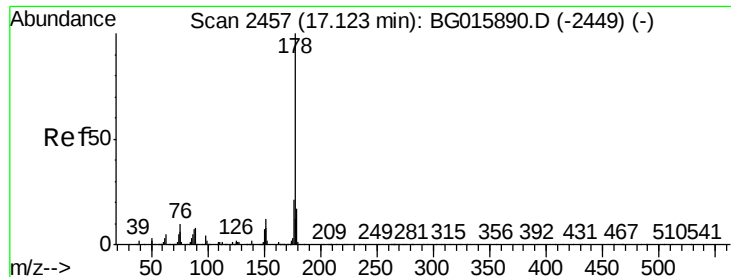
Tgt Ion:284 Resp: 864422
Ion Ratio Lower Upper
284 100
142 31.7 27.8 41.6
249 32.5 29.3 43.9



#69
Pentachlorophenol
Concen: 5.25 ng
RT: 16.71 min Scan# 2386
Delta R.T. -0.03 min
Lab File: BG015912.D
Acq: 21 Jan 2015 21:00

Tgt Ion:266 Resp: 116
Ion Ratio Lower Upper
266 100
268 0.0 53.5 80.3#
264 0.0 51.9 77.9#





#70

Phenanthrene

Concen: 86.13 ng

RT: 17.22 min Scan# 2473

Delta R.T. 0.09 min

Lab File: BG015912.D

Acq: 21 Jan 2015 21:00

Instrument :

BNA_G

ClientSampled :

8036

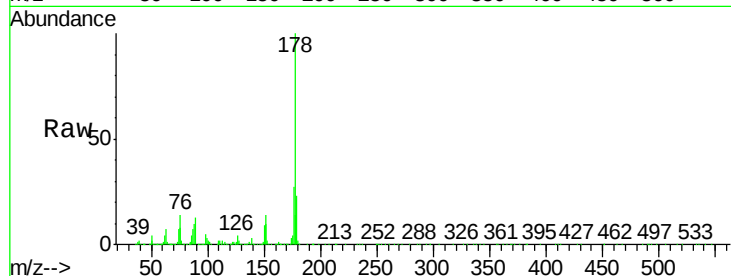
Tgt Ion:178 Resp: 3595487

Ion Ratio Lower Upper

178 100

176 27.4 16.9 25.3#

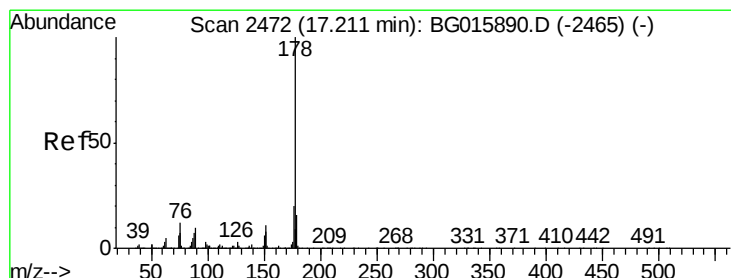
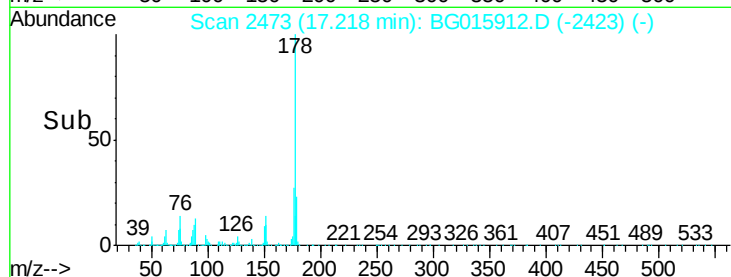
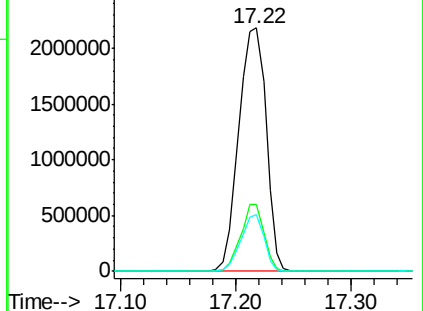
179 23.3 13.3 19.9#



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: 87.77 ng

RT: 17.22 min Scan# 2473

Delta R.T. 0.01 min

Lab File: BG015912.D

Acq: 21 Jan 2015 21:00

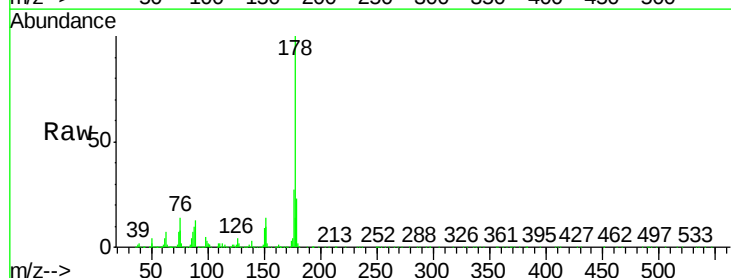
Tgt Ion:178 Resp: 3595487

Ion Ratio Lower Upper

178 100

176 27.4 15.7 23.5#

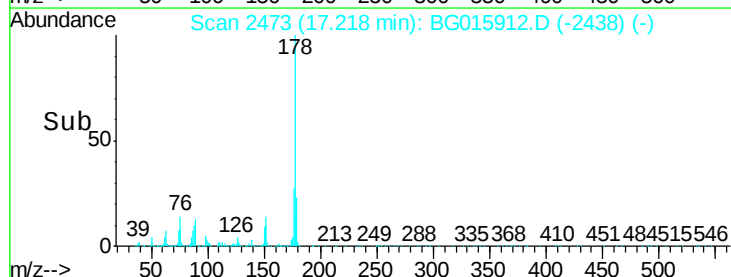
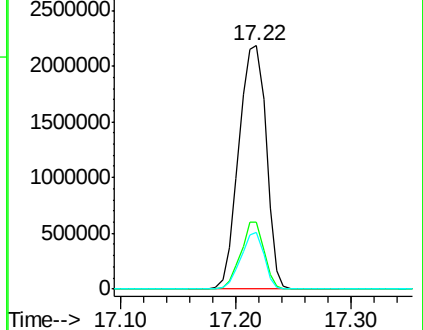
179 23.3 12.7 19.1#

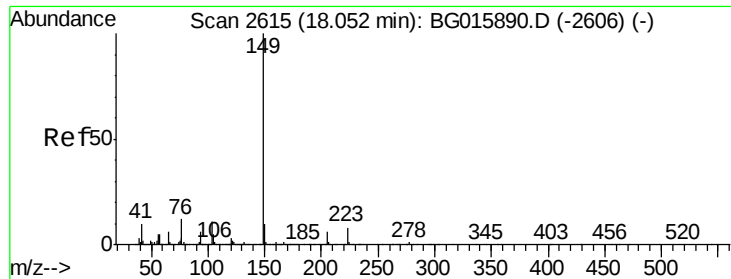


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Di-n-butylphthalate

Concen: 70.09 ng

RT: 18.05 min Scan# 2615

Delta R.T. 0.00 min

Lab File: BG015912.D

Acq: 21 Jan 2015 21:00

Instrument :

BNA_G

ClientSampleId :

8036

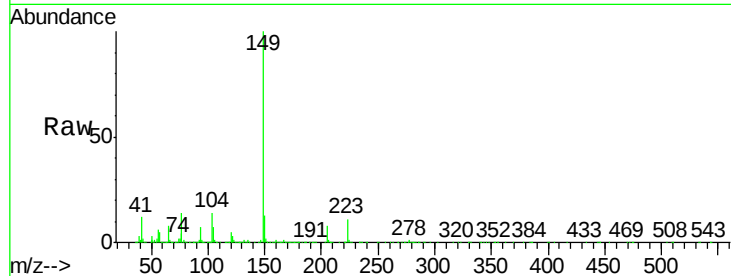
Tgt Ion:149 Resp: 2913045

Ion Ratio Lower Upper

149 100

150 12.8 8.2 12.4#

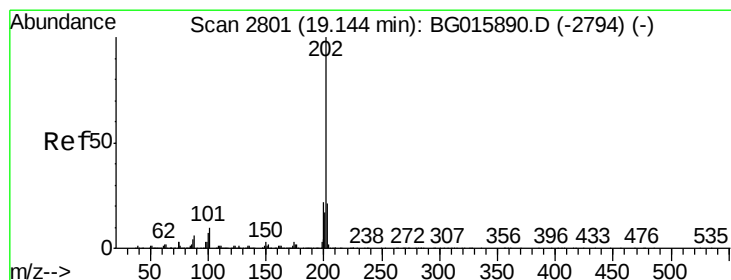
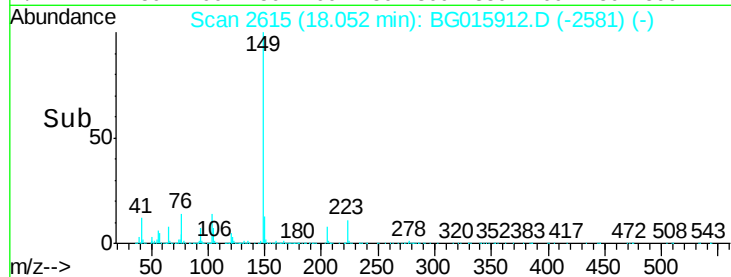
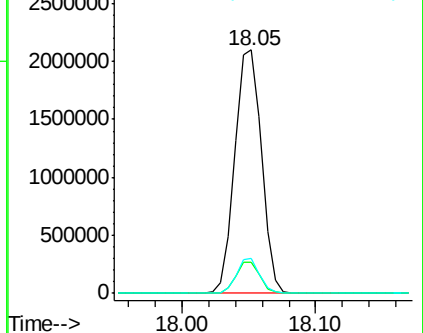
104 14.2 8.9 13.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.47 ng

RT: 19.14 min Scan# 2800

Delta R.T. -0.01 min

Lab File: BG015912.D

Acq: 21 Jan 2015 21:00

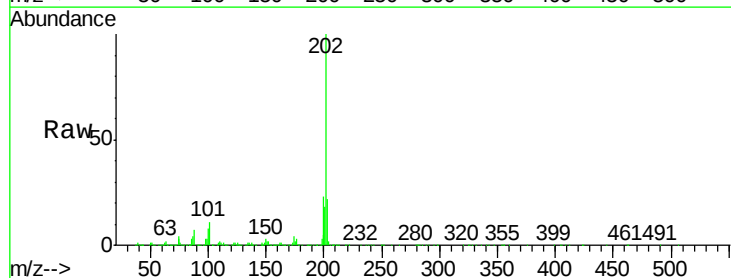
Tgt Ion:202 Resp: 2144777

Ion Ratio Lower Upper

202 100

101 10.6 0.0 29.5

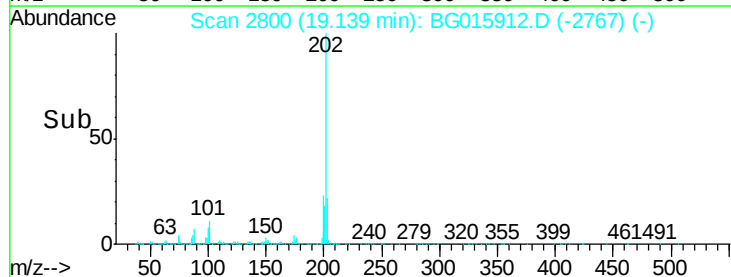
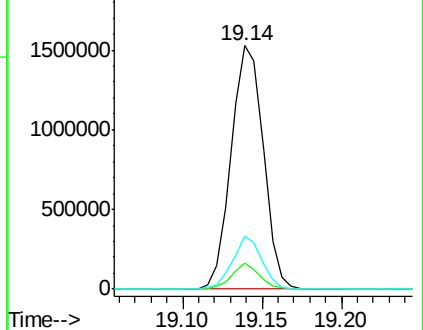
203 21.5 0.9 40.9

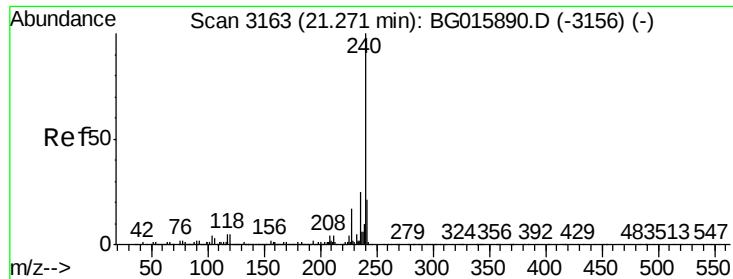


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

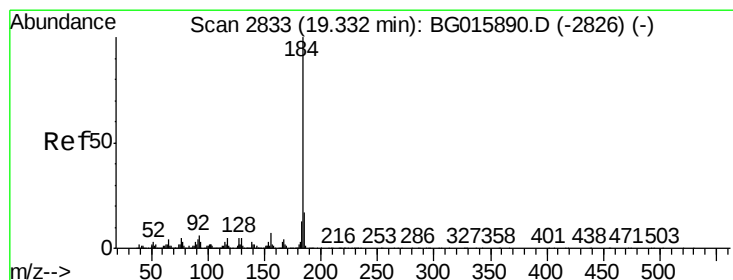
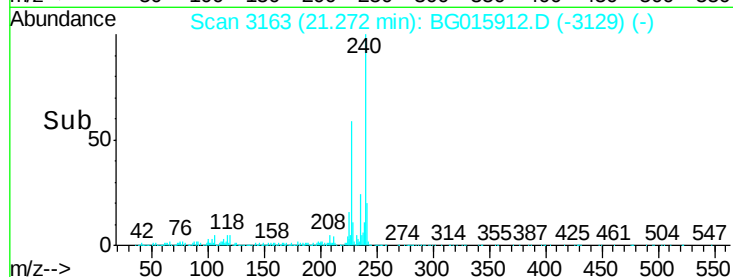
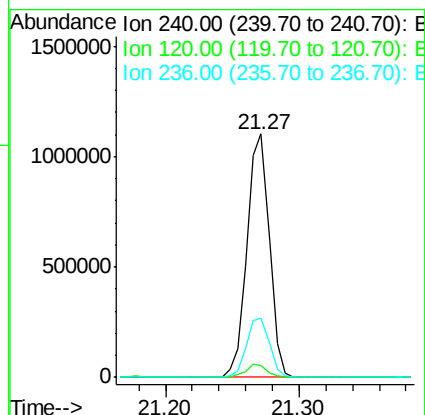
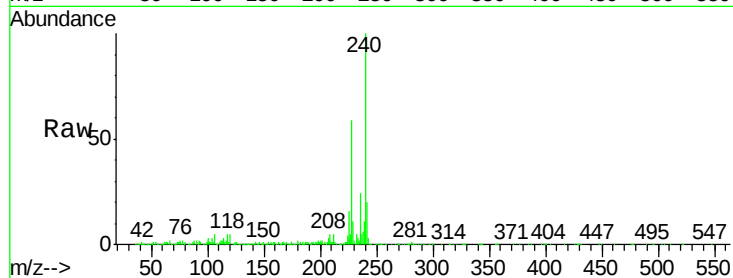




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.27 min Scan# 3163
Delta R.T. 0.00 min
Lab File: BG015912.D
Acq: 21 Jan 2015 21:00

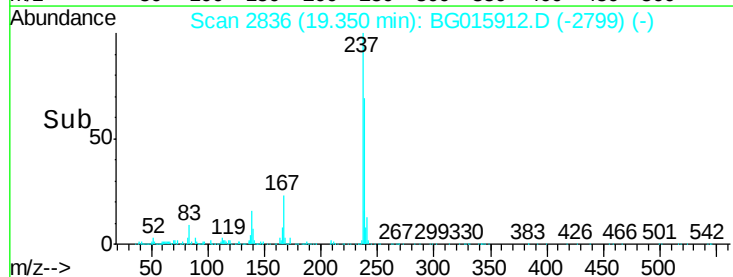
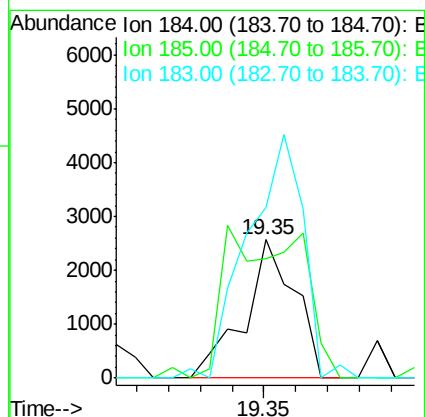
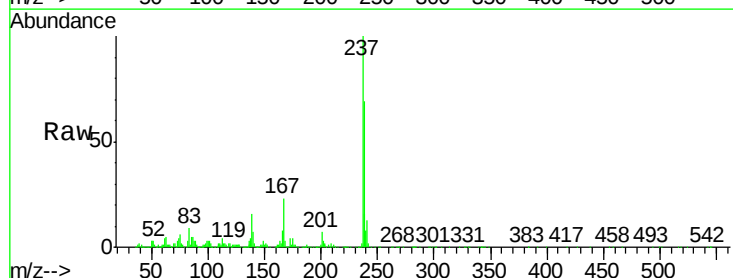
Instrument :
BNA_G
ClientSampled :
8036

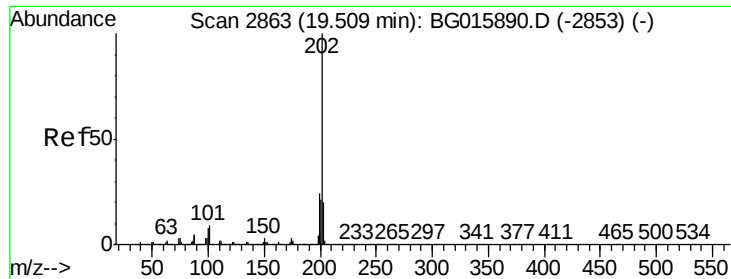
Tgt Ion:240 Resp: 1261122
Ion Ratio Lower Upper
240 100
120 5.1 3.9 5.9
236 24.4 20.0 30.0



#76
Benzidine
Concen: 2.08 ng
RT: 19.35 min Scan# 2836
Delta R.T. 0.02 min
Lab File: BG015912.D
Acq: 21 Jan 2015 21:00

Tgt Ion:184 Resp: 2832
Ion Ratio Lower Upper
184 100
185 86.4 13.3 19.9#
183 123.3 10.1 15.1#

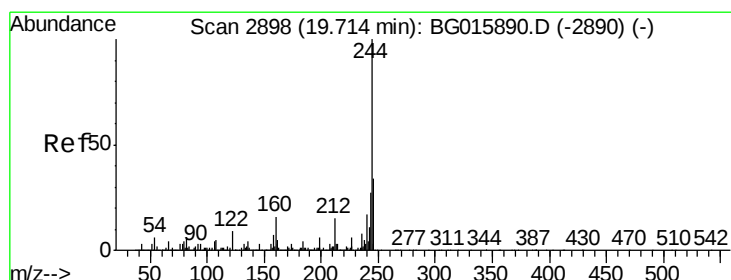
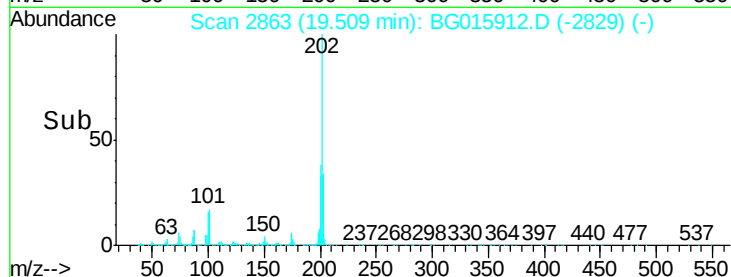
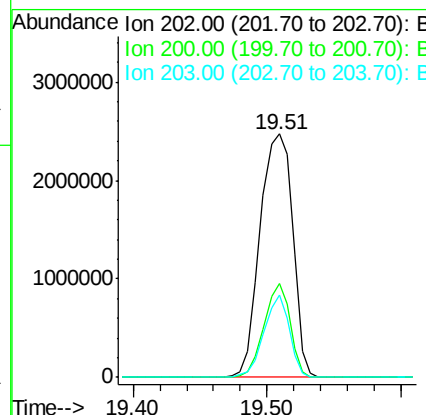
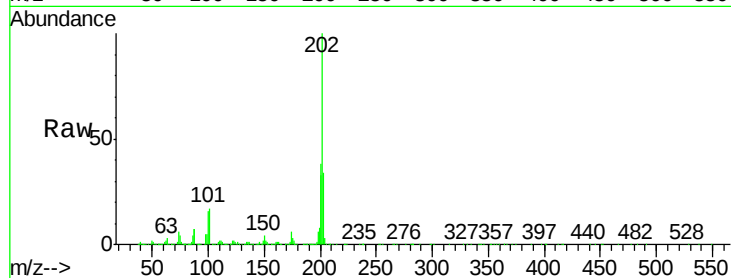




#77
 Pyrene
 Concen: 69.74 ng
 RT: 19.51 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: BG015912.D
 Acq: 21 Jan 2015 21:00

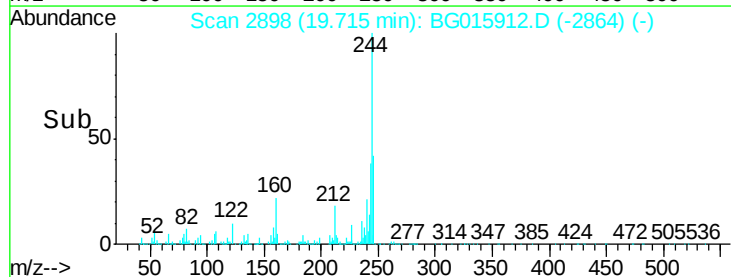
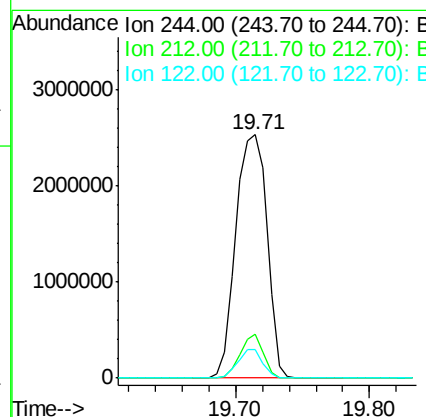
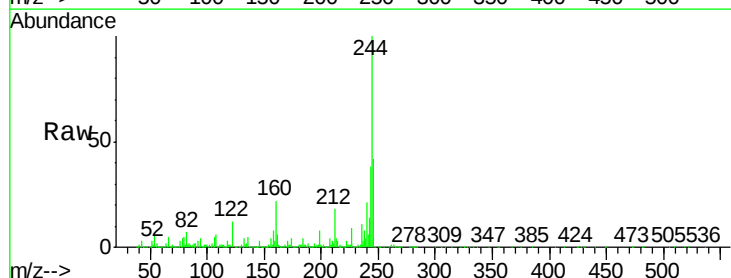
Instrument :
 BNA_G
 ClientSampleId :
 8036

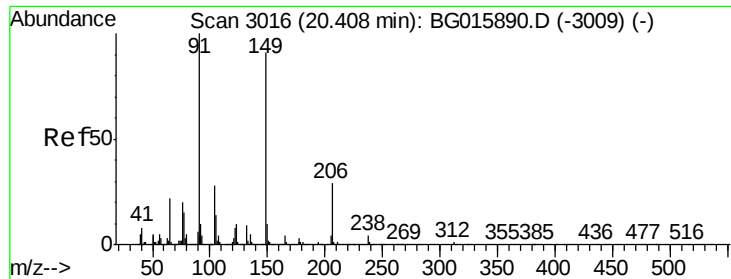
Tgt Ion: 202 Resp: 4179429
 Ion Ratio Lower Upper
 202 100
 200 38.4 19.3 28.9#
 203 33.9 15.9 23.9#



#78
 Terphenyl-d14
 Concen: 98.36 ng
 RT: 19.71 min Scan# 2898
 Delta R.T. 0.00 min
 Lab File: BG015912.D
 Acq: 21 Jan 2015 21:00

Tgt Ion: 244 Resp: 4116413
 Ion Ratio Lower Upper
 244 100
 212 18.0 11.6 17.4#
 122 11.9 7.0 10.4#





#79

Butylbenzylphthalate

Concen: 117.58 ng

RT: 20.41 min Scan# 3016

Delta R.T. 0.00 min

Lab File: BG015912.D

Acq: 21 Jan 2015 21:00

Instrument :

BNA_G

ClientSampleId :

8036

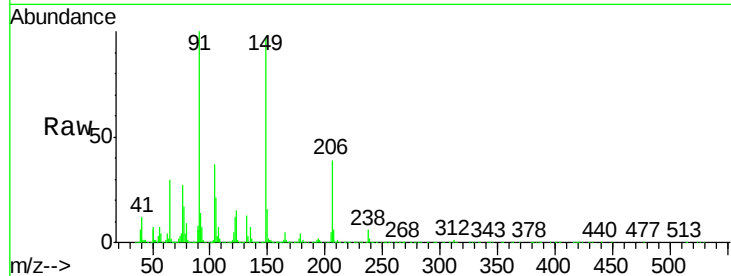
Tgt Ion:149 Resp: 2583634

Ion Ratio Lower Upper

149 100

91 103.0 88.4 132.6

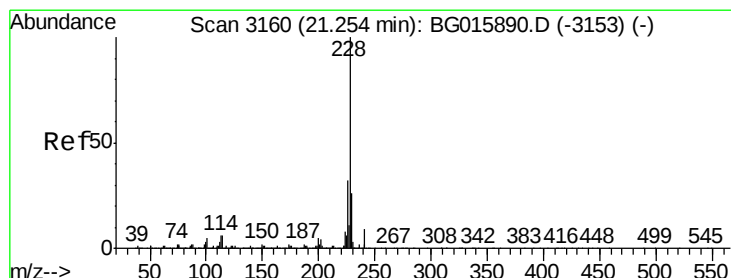
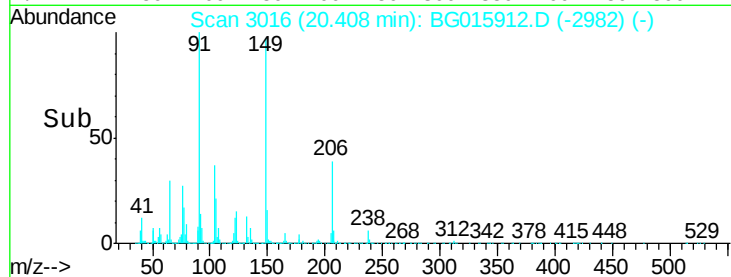
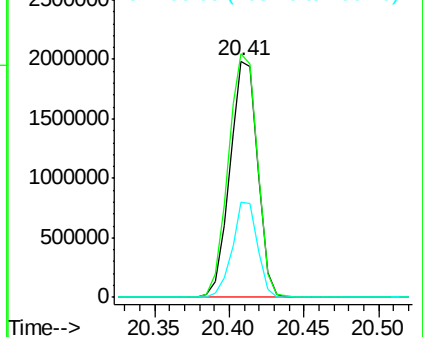
206 40.2 25.3 37.9#



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: Below Cal

RT: 21.25 min Scan# 3160

Delta R.T. 0.00 min

Lab File: BG015912.D

Acq: 21 Jan 2015 21:00

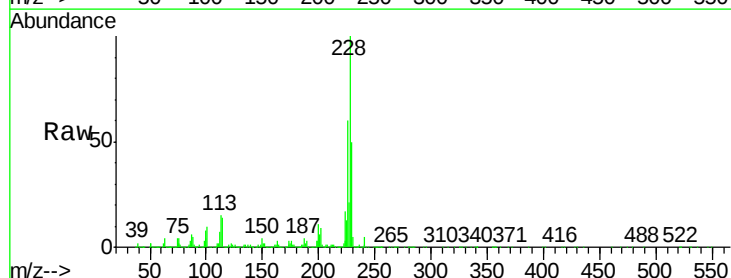
Tgt Ion:228 Resp: 4872721

Ion Ratio Lower Upper

228 100

226 59.7 25.4 38.0#

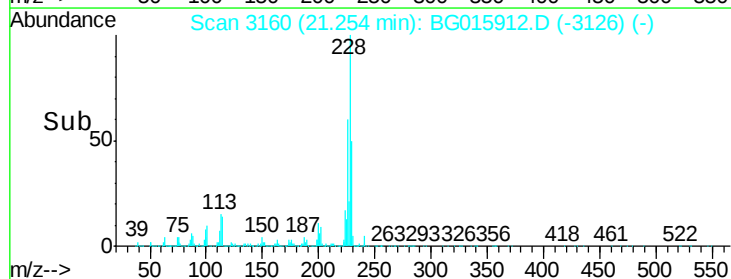
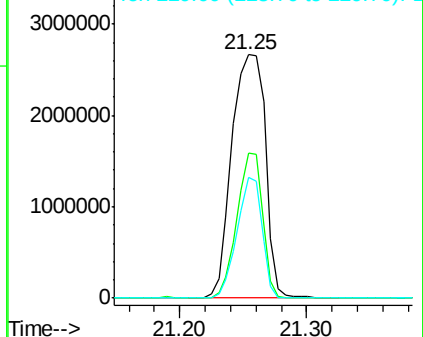
229 49.6 21.2 31.8#

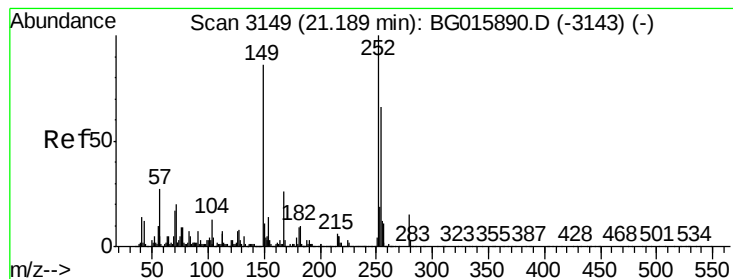


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 24.80 ng

RT: 21.18 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG015912.D

Acq: 21 Jan 2015 21:00

Instrument :

BNA_G

ClientSampleId :

8036

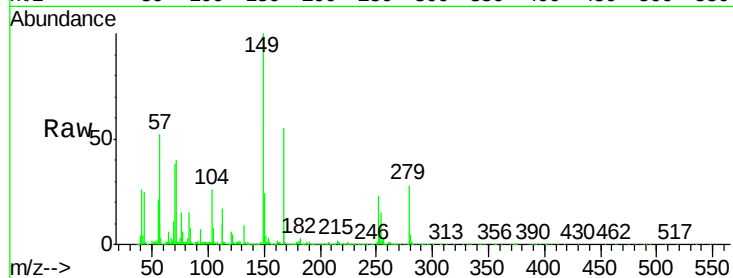
Tgt Ion:252 Resp: 698859

Ion Ratio Lower Upper

252 100

254 64.7 52.9 79.3

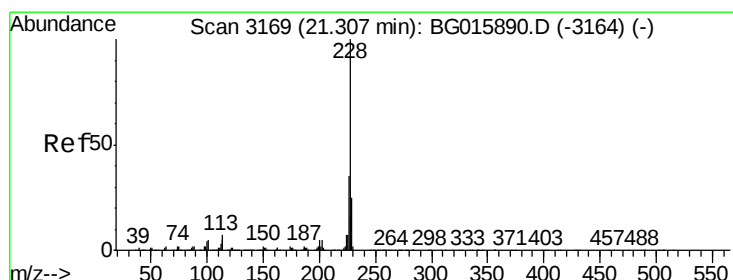
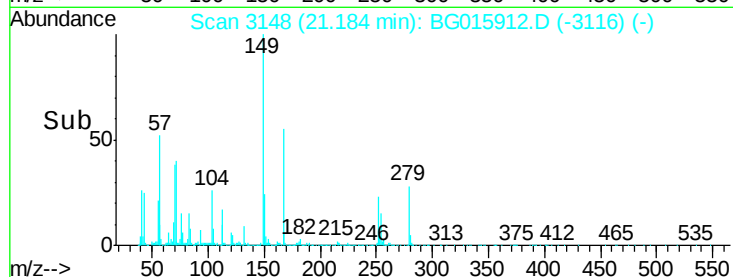
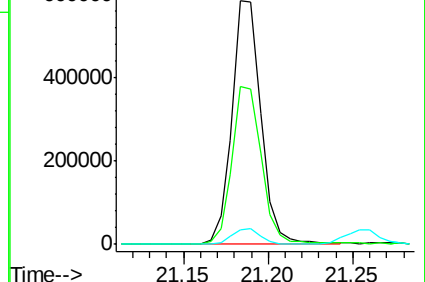
126 6.0 5.8 8.6



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: Below Cal

RT: 21.25 min Scan# 3160

Delta R.T. -0.05 min

Lab File: BG015912.D

Acq: 21 Jan 2015 21:00

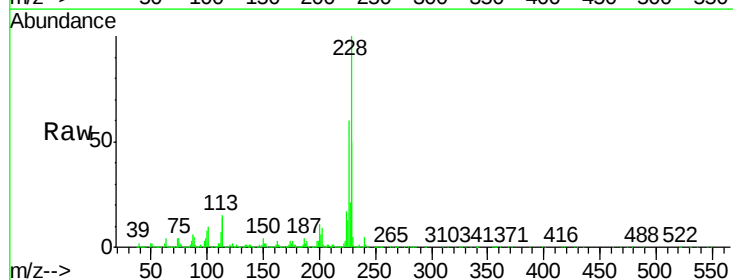
Tgt Ion:228 Resp: 4872721

Ion Ratio Lower Upper

228 100

226 59.7 28.1 42.1#

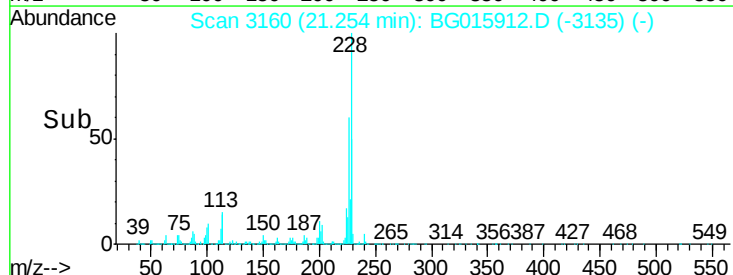
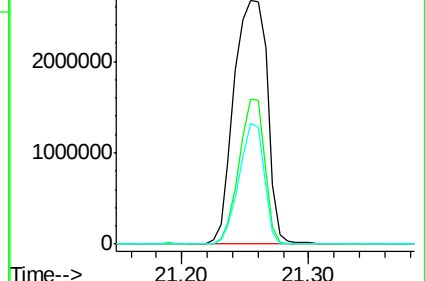
229 49.6 19.8 29.6#

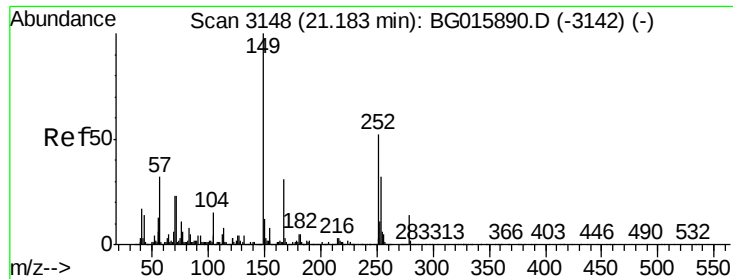


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

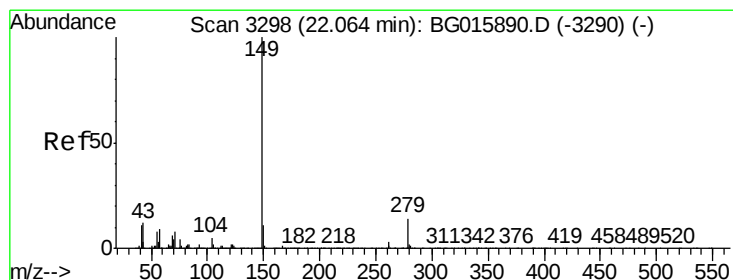
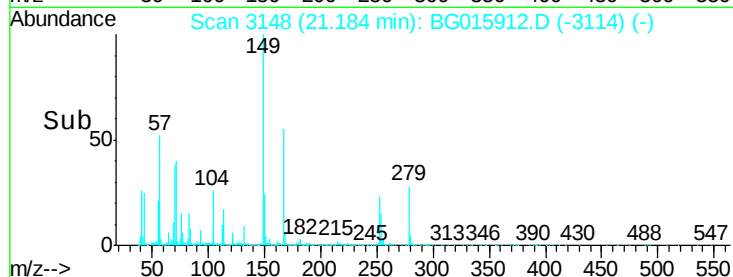
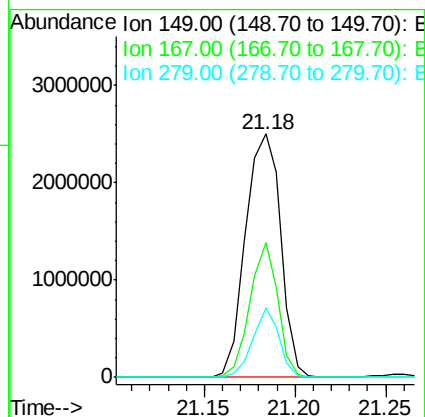
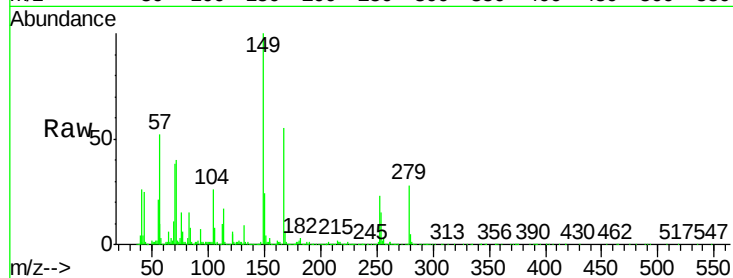




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 113.86 ng
 RT: 21.18 min Scan# 3148
 Delta R.T. 0.00 min
 Lab File: BG015912.D
 Acq: 21 Jan 2015 21:00

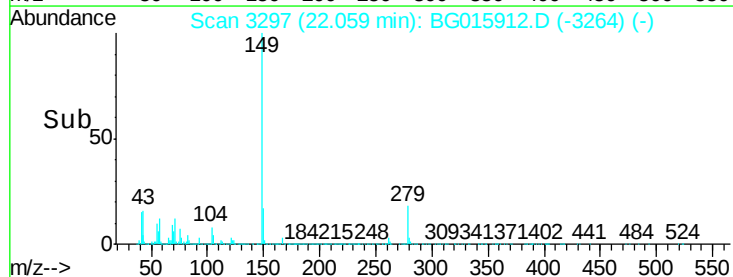
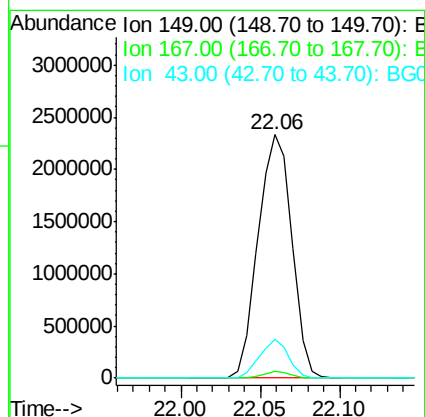
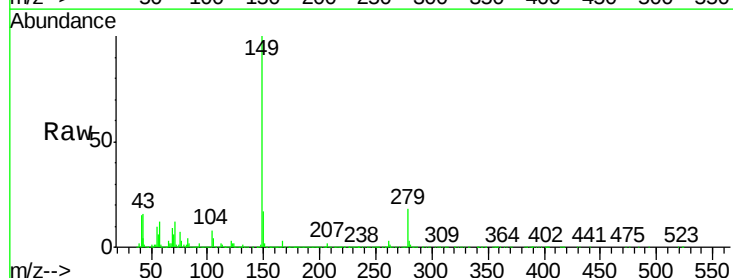
Instrument :
 BNA_G
 ClientSampleId :
 8036

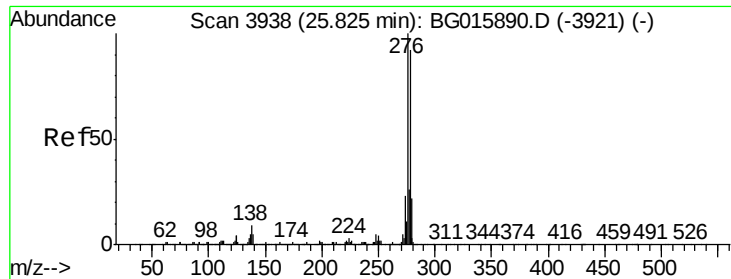
Tgt Ion:149 Resp: 3363947
 Ion Ratio Lower Upper
 149 100
 167 55.4 25.1 37.7#
 279 28.3 11.2 16.8#



#84
 Di-n-octyl phthalate
 Concen: 75.55 ng
 RT: 22.06 min Scan# 3297
 Delta R.T. -0.01 min
 Lab File: BG015912.D
 Acq: 21 Jan 2015 21:00

Tgt Ion:149 Resp: 3453337
 Ion Ratio Lower Upper
 149 100
 167 2.2 1.4 2.0#
 43 14.0 9.2 13.8#





#85

Indeno(1,2,3-cd)pyrene

Concen: 4.53 ng

RT: 25.81 min Scan# 3936

Delta R.T. -0.02 min

Lab File: BG015912.D

Acq: 21 Jan 2015 21:00

Instrument :

BNA_G

ClientSampleId :

8036

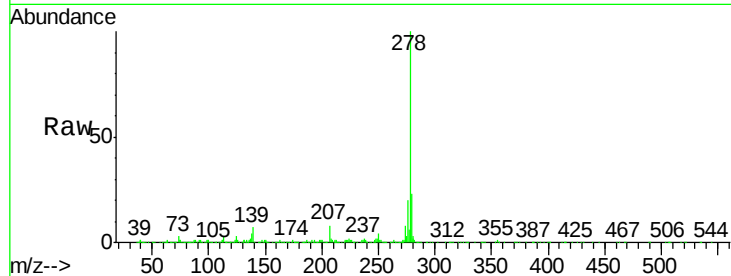
Tgt Ion:276 Resp: 334930

Ion Ratio Lower Upper

276 100

138 18.6 6.9 10.3#

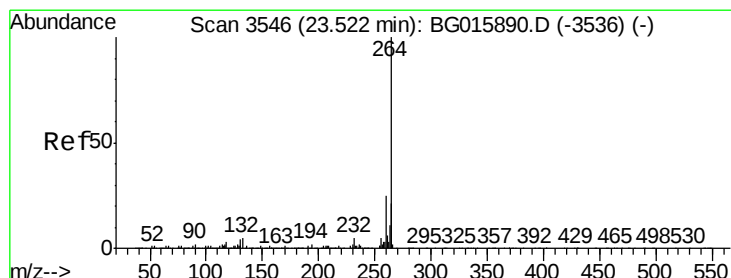
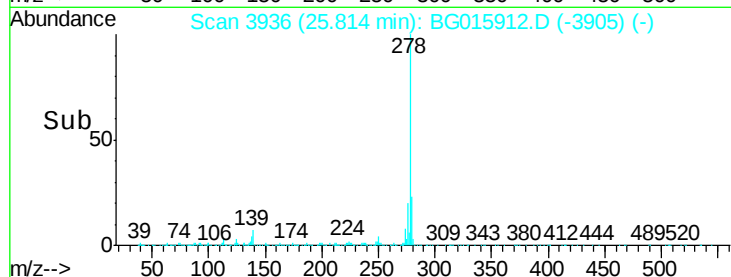
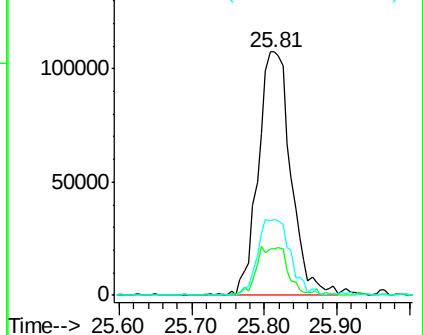
277 31.2 20.7 31.1#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.52 min Scan# 3546

Delta R.T. -0.01 min

Lab File: BG015912.D

Acq: 21 Jan 2015 21:00

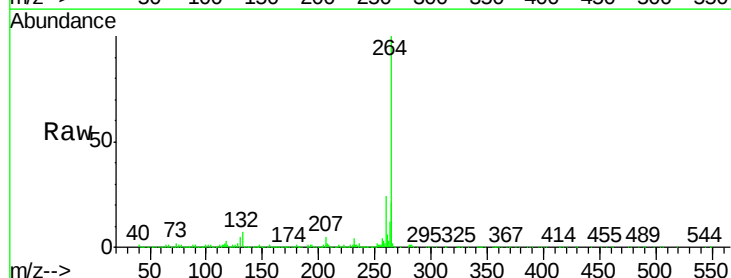
Tgt Ion:264 Resp: 1203263

Ion Ratio Lower Upper

264 100

260 23.7 19.7 29.5

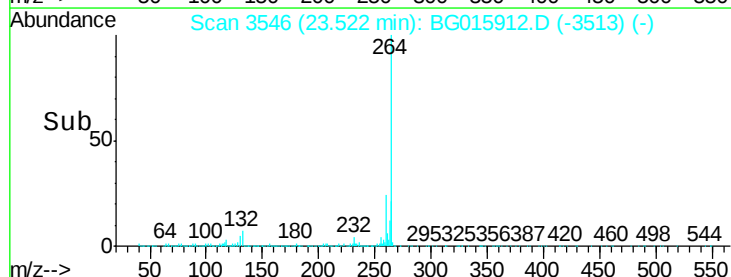
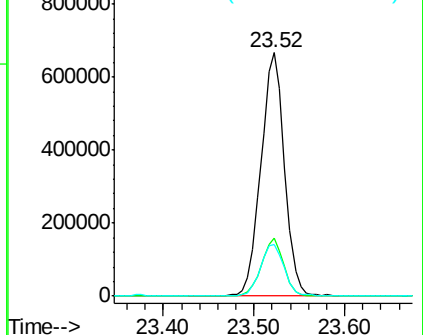
265 21.3 17.3 25.9

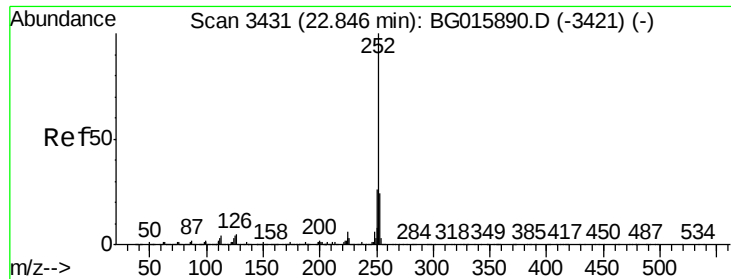


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

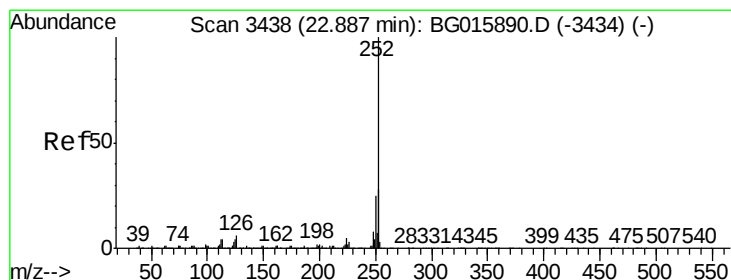
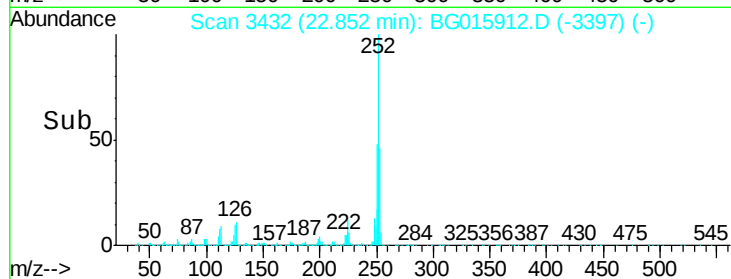
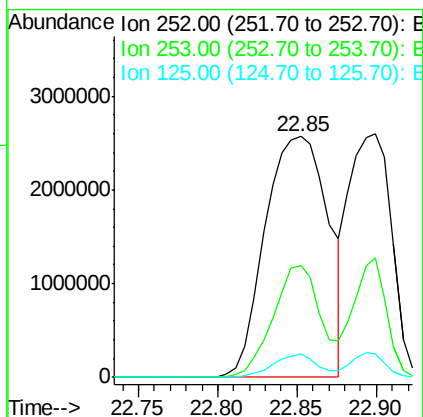
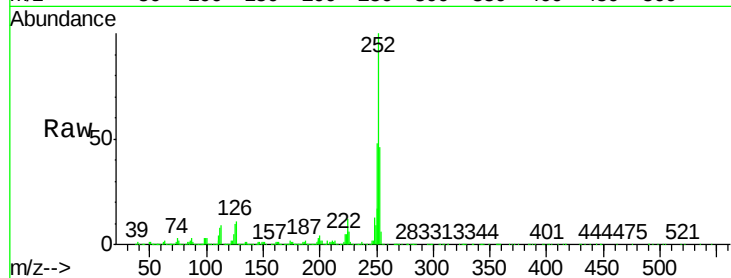




#87
Benzo(b)fluoranthene
Concen: 103.57 ng
RT: 22.85 min Scan# 3432
Delta R.T. 0.01 min
Lab File: BG015912.D
Acq: 21 Jan 2015 21:00

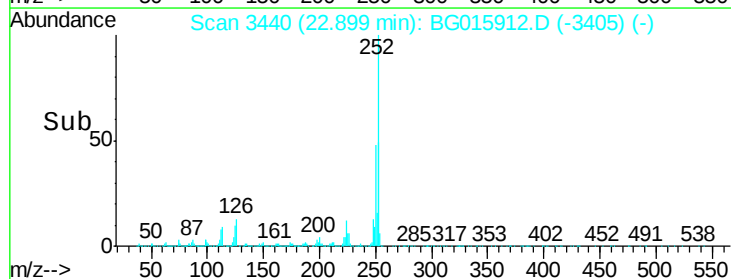
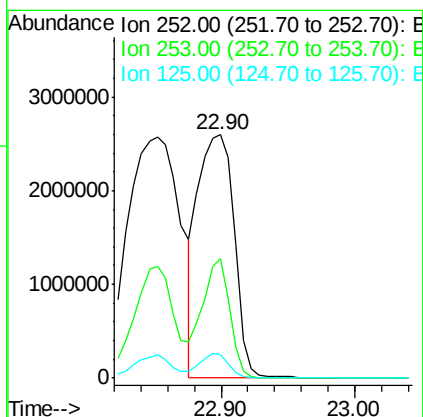
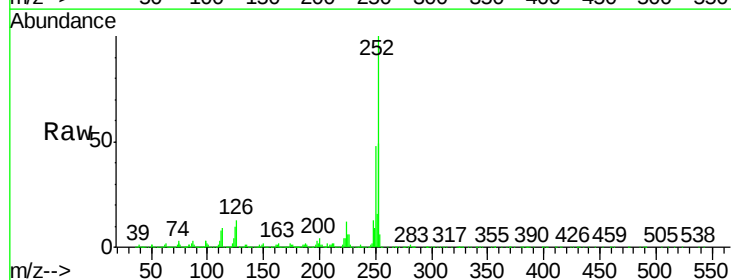
Instrument :
BNA_G
ClientSampleId :
8036

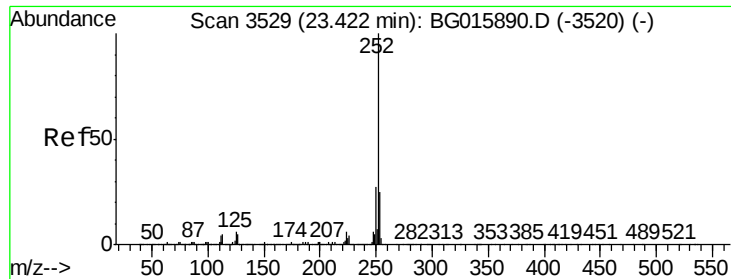
Tgt Ion:252 Resp: 7113478
Ion Ratio Lower Upper
252 100
253 46.4 19.4 29.0#
125 10.0 2.9 4.3#



#88
Benzo(k)fluoranthene
Concen: 73.25 ng
RT: 22.90 min Scan# 3440
Delta R.T. 0.01 min
Lab File: BG015912.D
Acq: 21 Jan 2015 21:00

Tgt Ion:252 Resp: 4869872
Ion Ratio Lower Upper
252 100
253 48.9 21.3 31.9#
125 9.8 3.4 5.0#

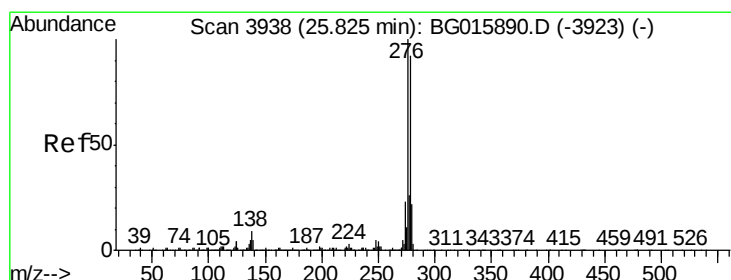
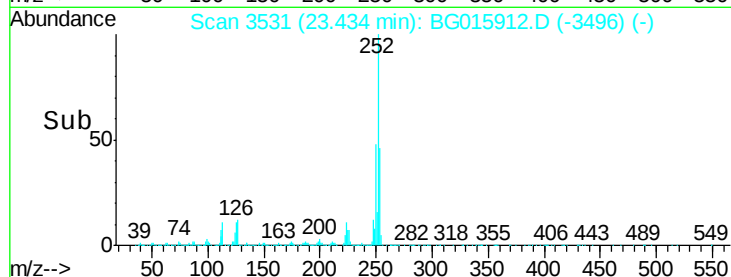
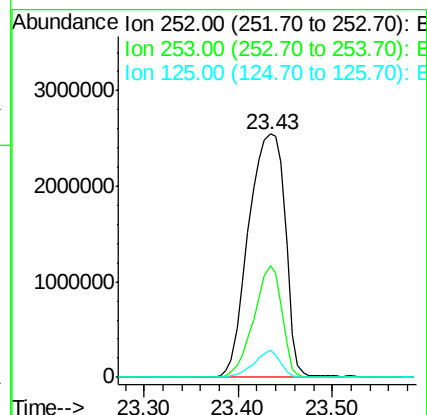
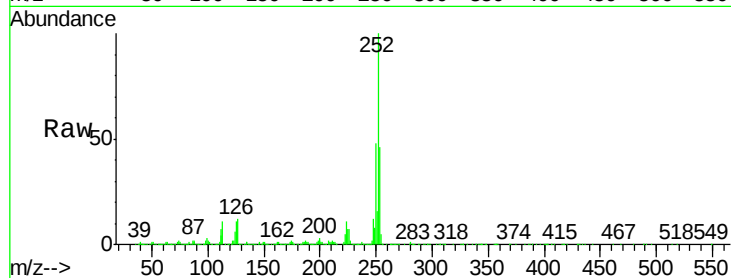




#89
Benzo(a)pyrene
Concen: 103.79 ng
RT: 23.43 min Scan# 3531
Delta R.T. 0.01 min
Lab File: BG015912.D
Acq: 21 Jan 2015 21:00

Instrument :
BNA_G
ClientSampleId :
8036

Tgt Ion:252 Resp: 6858897
Ion Ratio Lower Upper
252 100
253 45.7 19.9 29.9#
125 11.1 4.5 6.7#



#90
Dibenzo(a,h)anthracene
Concen: 23.89 ng
RT: 25.81 min Scan# 3936
Delta R.T. -0.03 min
Lab File: BG015912.D
Acq: 21 Jan 2015 21:00

Tgt Ion:278 Resp: 1498441
Ion Ratio Lower Upper
278 100
139 6.5 4.3 6.5#
279 23.0 19.4 29.0

