

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012115\
 Data File : BG015909.D
 Acq On : 21 Jan 2015 19:17
 Operator : TP/IZ
 Sample : G1100-18DL 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 8024DL

Quant Time: Jan 22 00:57:32 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	94937	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	393124	20.00	ng	0.00
38) Acenaphthene-d10	14.33	164	341201	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	840794	20.00	ng	0.00
75) Chrysene-d12	21.27	240	1142091	20.00	ng	0.00
86) Perylene-d12	23.52	264	1083735	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	83943	13.17	ng	0.00
7) Phenol-d6	6.87	99	145476	14.16	ng	0.00
23) Nitrobenzene-d5	8.85	82	125481	9.20	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	75894	12.15	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	213563	9.82	ng	0.00
78) Terphenyl-d14	19.71	244	540814	8.73	ng	0.00

Target Compounds

						Qvalue
10) Phenol	6.89	94	214701	18.34	ng	97
11) bis(2-Chloroethyl)ether	7.11	93	183142	20.24	ng	94
12) 1,3-Dichlorobenzene	7.58	146	155968m	21.54	ng	
13) 1,4-Dichlorobenzene	7.72	146	174278	23.32	ng	97
14) 1,2-Dichlorobenzene	8.03	146	107741	14.71	ng	# 85
26) 2-Nitrophenol	9.59	139	23628	6.65	ng	96
28) bis(2-Chloroethoxy)methane	9.89	93	171298	14.67	ng	# 93
30) 1,2,4-Trichlorobenzene	10.34	180	221724	25.76	ng	99
31) Naphthalene	10.52	128	302099	15.01	ng	97
34) Hexachlorobutadiene	10.80	225	125497	14.91	ng	93
36) 4-Chloro-3-methylphenol	11.77	107	241430	23.12	ng	93
37) 2-Methylnaphthalene	12.14	142	352194	22.04	ng	89
42) 2,4,6-Trichlorophenol	12.76	196	213850	28.06	ng	94
43) 2,4,5-Trichlorophenol	12.83	196	77526	9.00	ng	95
46) 2-Chloronaphthalene	13.21	162	87299	4.80	ng	# 77
48) Acenaphthylene	14.05	152	770507	27.90	ng	# 96
49) Dimethylphthalate	13.79	163	249886	10.18	ng	# 93
50) 2,6-Dinitrotoluene	13.92	165	160026	28.87	ng	98
51) Acenaphthene	14.39	154	355511	20.49	ng	93
55) 4-Nitrophenol	14.57	139	30380	8.47	ng	# 88
56) 2,4-Dinitrotoluene	14.70	165	142838	17.61	ng	# 92
57) Fluorene	15.38	166	268532	10.40	ng	93
59) Diethylphthalate	15.16	149	404025	16.12	ng	92
60) 4-Chlorophenyl-phenylether	15.38	204	542986	31.62	ng	# 94
66) 4-Bromophenyl-phenylether	16.27	248	61830	5.04	ng	96
67) Hexachlorobenzene	16.38	284	79939	6.02	ng	93
69) Pentachlorophenol	16.74	266	125962	25.25	ng	95
71) Anthracene	17.21	178	496285	11.99	ng	96
74) Fluoranthene	19.14	202	765172	13.58	ng	95
77) Pyrene	19.50	202	1191755	21.96	ng	96
79) Butylbenzylphthalate	20.41	149	453690	22.80	ng	96
80) Benzo(a)anthracene	21.25	228	1146476	16.88	ng	91
82) Chrysene	21.30	228	841665	12.85	ng	# 88
83) Bis(2-ethylhexyl)phthalate	21.18	149	238233	8.90	ng	99

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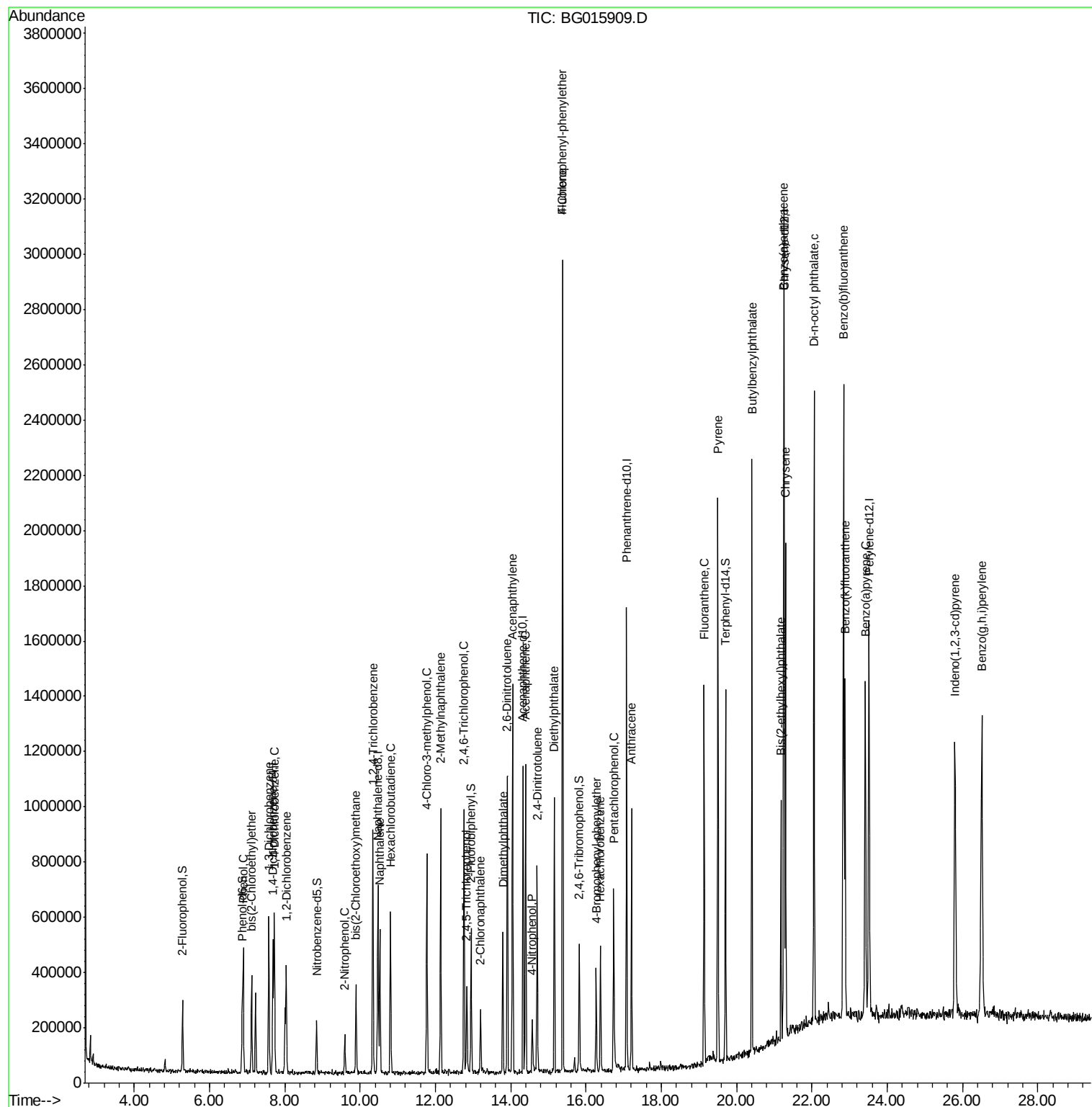
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) Di-n-octyl phthalate	22.06	149	1258592	30.40	nq	98
85) Indeno(1,2,3-cd)pyrene	25.80	276	1183804	17.68	nq	99
87) Benzo(b)fluoranthene	22.84	252	1715562	27.73	nq #	98
88) Benzo(k)fluoranthene	22.88	252	795738	13.29	nq	92
89) Benzo(a)pyrene	23.42	252	987643	16.59	nq	97
91) Benzo(a,h,i)perylene	26.51	276	1532320	27.80	nq #	98

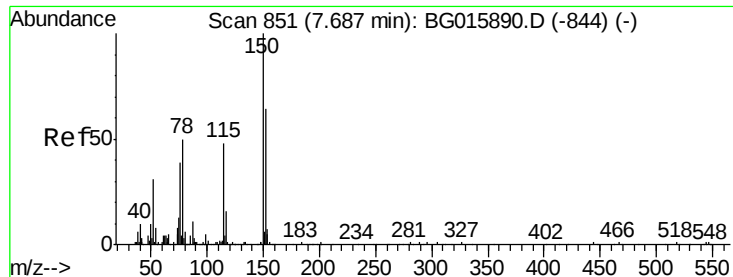
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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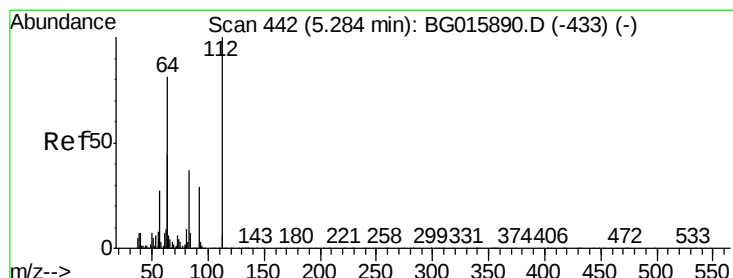
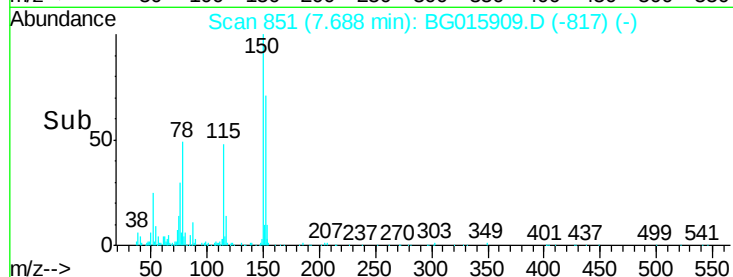
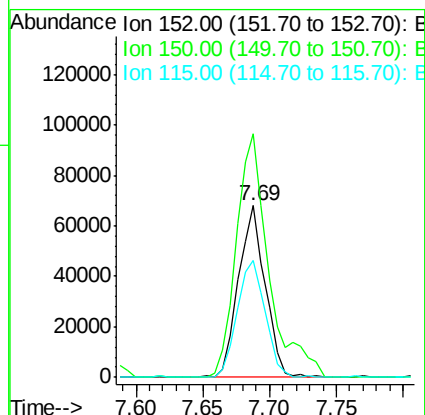
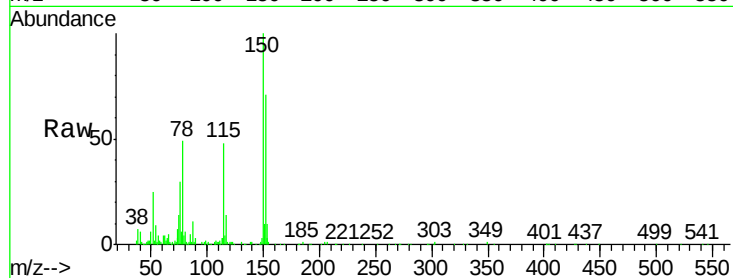


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.69 min Scan# 851
Delta R.T. 0.00 min
Lab File: BG015909.D
Acq: 21 Jan 2015 19:17

Instrument :
BNA_G
ClientSampleID :
8024DL

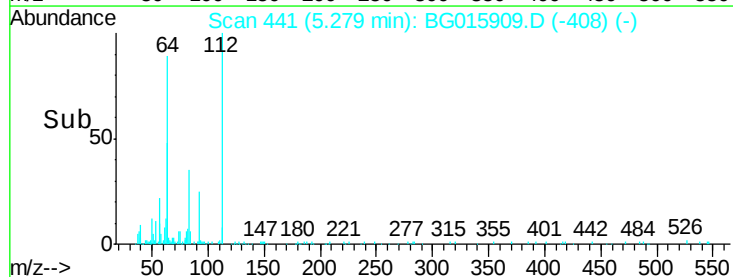
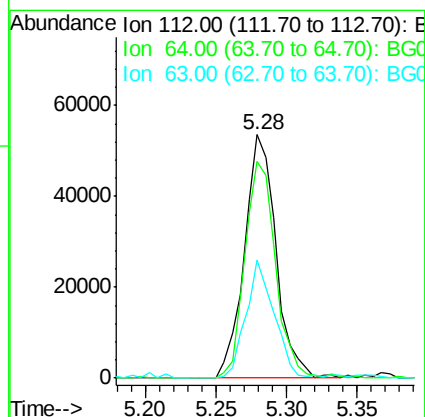
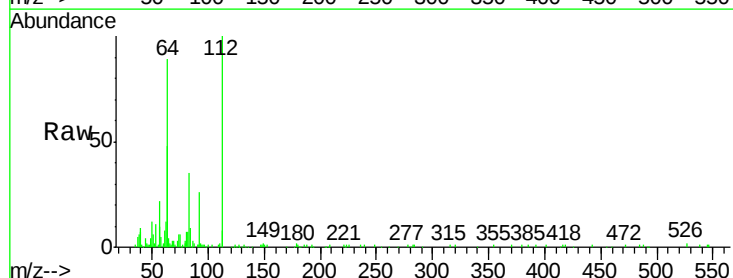
Tot Ion	Ratio	Lower	Upper
152	100		
150	141.8	124.5	186.7
115	67.9	60.4	90.6

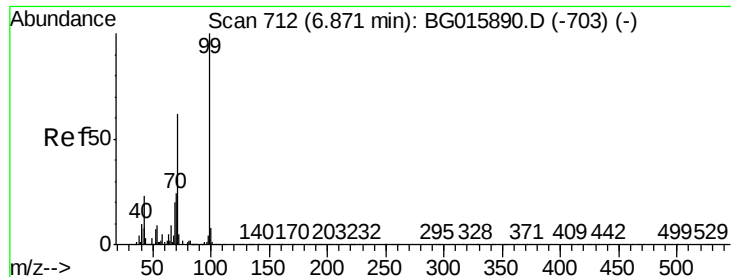


#5

2-Fluorophenol
Concen: 13.17 ng
RT: 5.28 min Scan# 441
Delta R.T. -0.01 min
Lab File: BG015909.D
Acq: 21 Jan 2015 19:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	89.0	64.4	96.6
63	48.5	35.1	52.7





#7

Phenol-d6

Concen: 14.16 ng

RT: 6.87 min Scan# 711

Delta R.T. -0.01 min

Lab File: BG015909.D

Acq: 21 Jan 2015 19:17

Instrument :

BNA_G

ClientSampleId :

8024DL

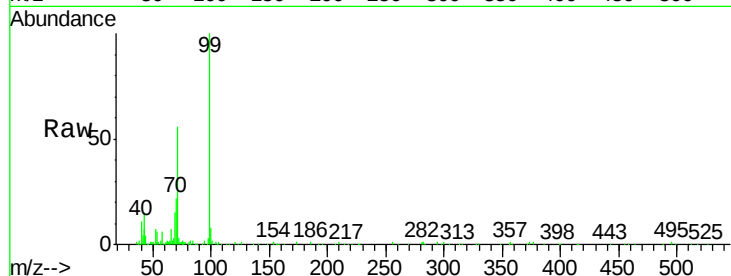
Tot Ion: 99 Resp: 145476

Ion Ratio Lower Upper

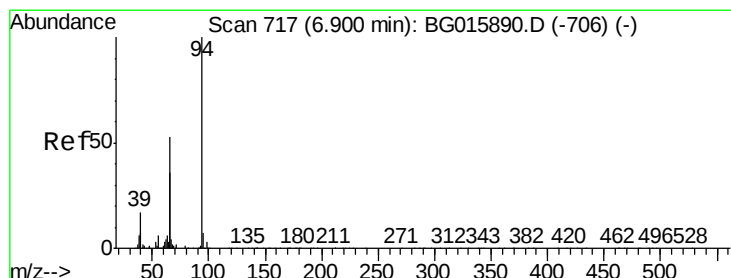
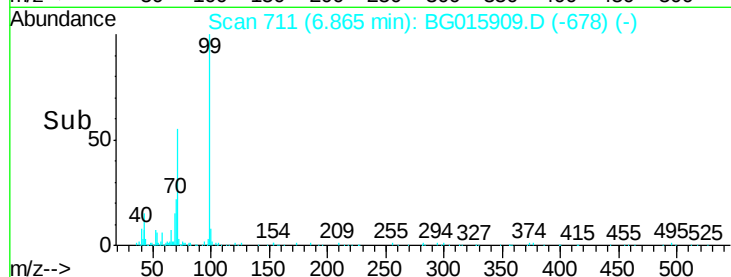
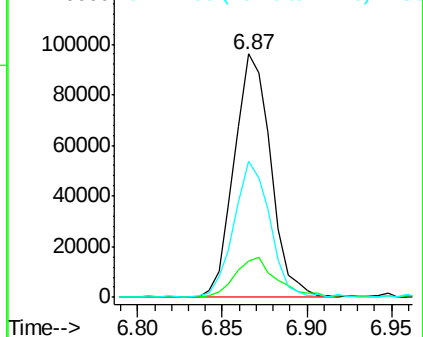
99 100

42 14.9 18.1 27.1#

71 55.9 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



#10

Phenol

Concen: 18.34 ng

RT: 6.89 min Scan# 716

Delta R.T. -0.01 min

Lab File: BG015909.D

Acq: 21 Jan 2015 19:17

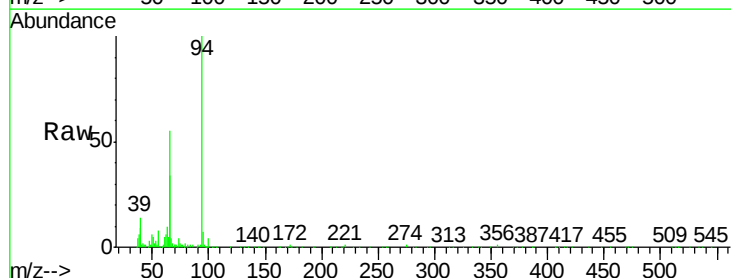
Tgt Ion: 94 Resp: 214701

Ion Ratio Lower Upper

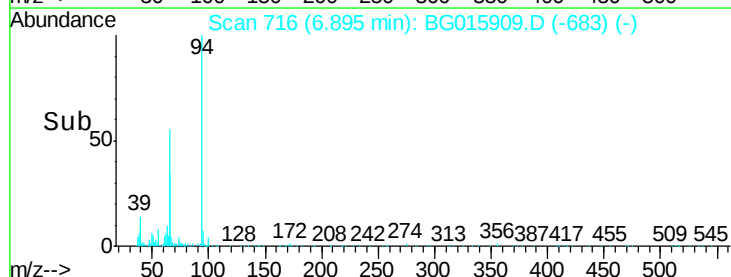
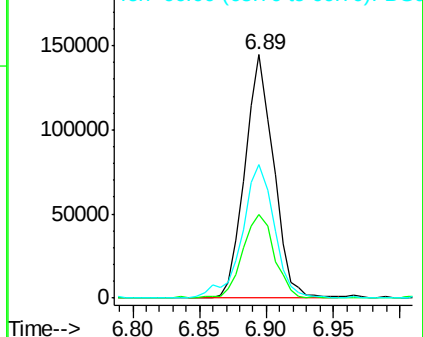
94 100

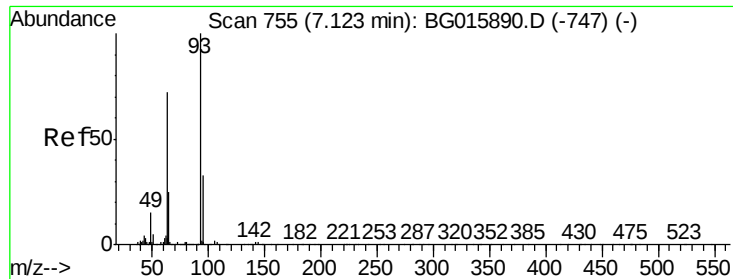
65 34.3 16.5 56.5

66 55.1 33.3 73.3



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

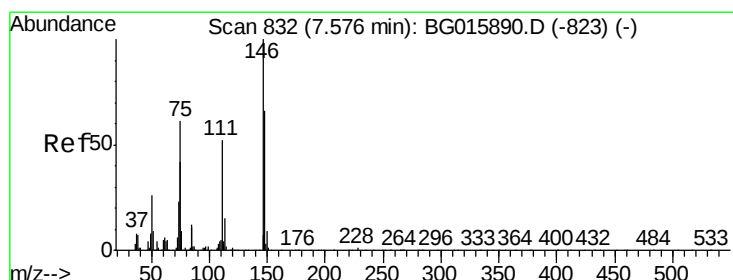
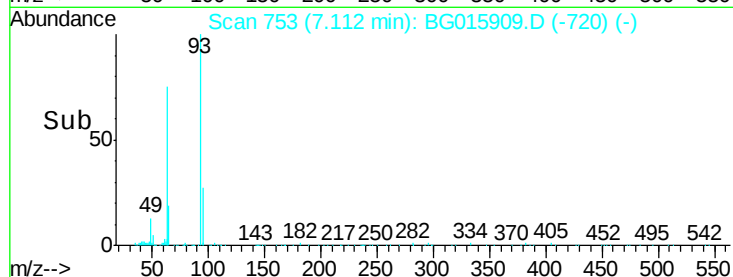
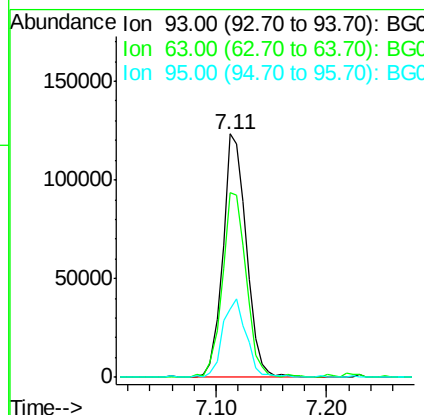
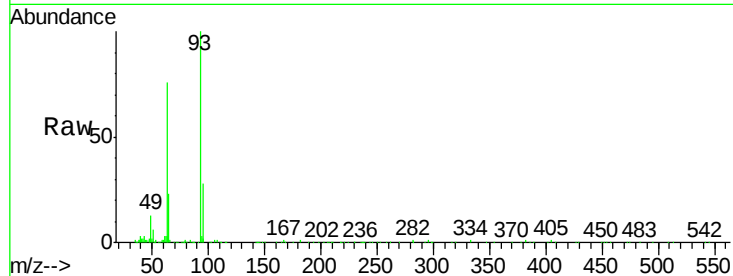




#11
bis(2-Chloroethyl)ether
Concen: 20.24 ng
RT: 7.11 min Scan# 753
Delta R.T. -0.01 min
Lab File: BG015909.D
Acq: 21 Jan 2015 19:17

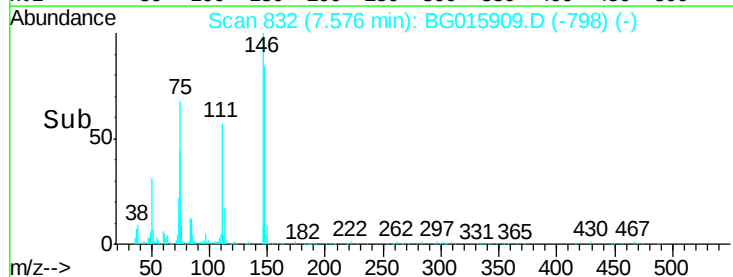
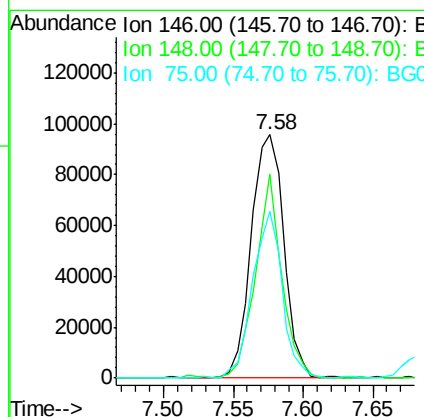
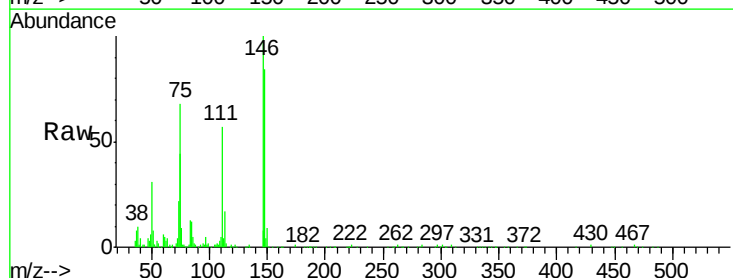
Instrument :
BNA_G
ClientSampleId :
8024DL

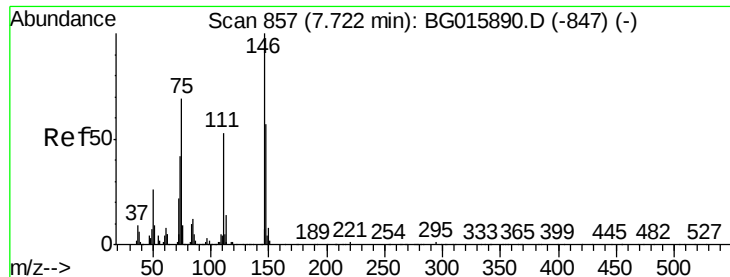
Tot Ion	Ratio	Lower	Upper
93	100		
63	75.6	51.7	91.7
95	28.0	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 21.54 ng m
RT: 7.58 min Scan# 832
Delta R.T. 0.00 min
Lab File: BG015909.D
Acq: 21 Jan 2015 19:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	84.0	53.0	79.4#
75	68.5	48.6	72.8





#13

1,4-Dichlorobenzene

Concen: 23.32 ng

RT: 7.72 min Scan# 857

Delta R.T. 0.00 min

Lab File: BG015909.D

Acq: 21 Jan 2015 19:17

Instrument :

BNA_G

ClientSampleId :

8024DL

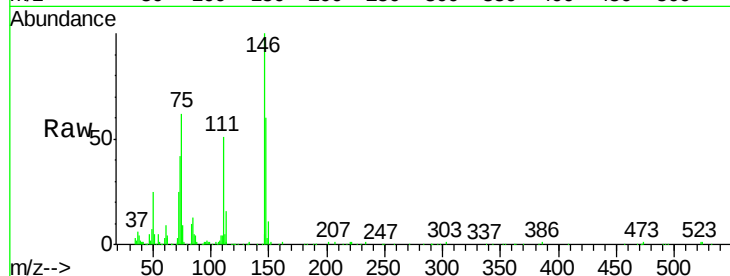
Tot Ion:146 Resp: 174278

Ion Ratio Lower Upper

146 100

148 59.5 45.7 68.5

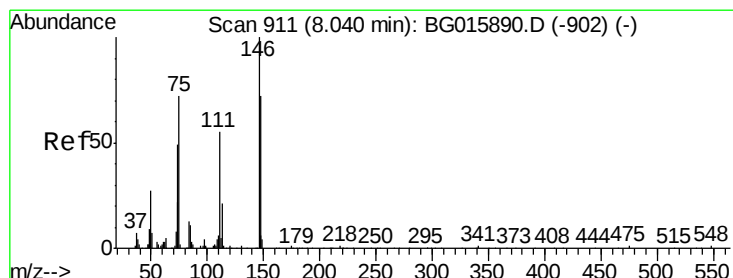
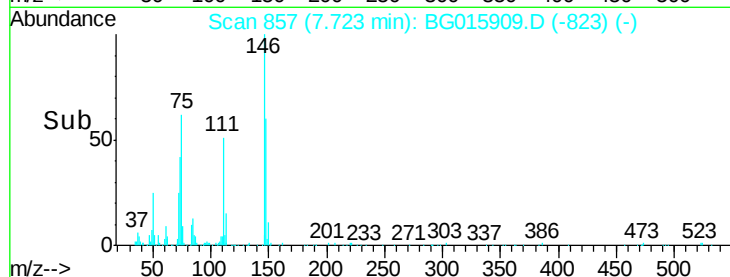
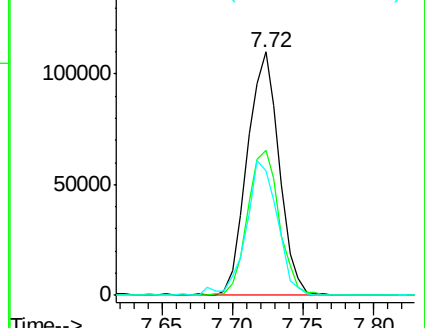
111 51.3 42.1 63.1



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



#14

1,2-Dichlorobenzene

Concen: 14.71 ng

RT: 8.03 min Scan# 910

Delta R.T. -0.01 min

Lab File: BG015909.D

Acq: 21 Jan 2015 19:17

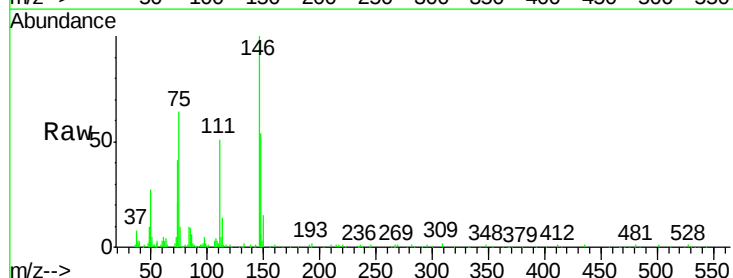
Tgt Ion:146 Resp: 107741

Ion Ratio Lower Upper

146 100

148 53.9 57.7 86.5#

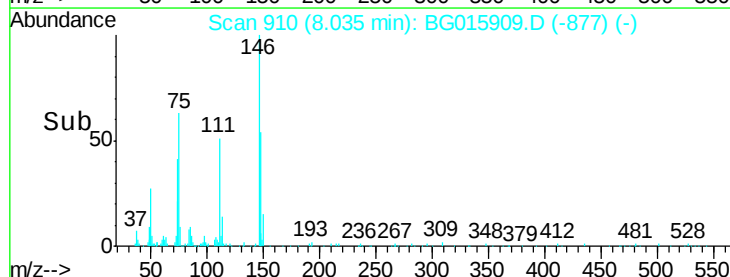
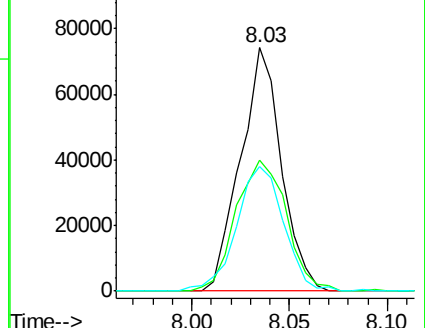
111 51.1 44.6 66.8

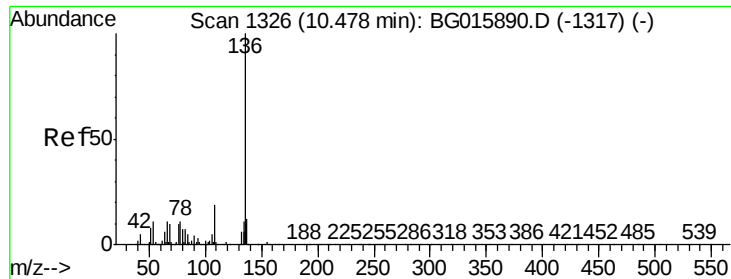


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

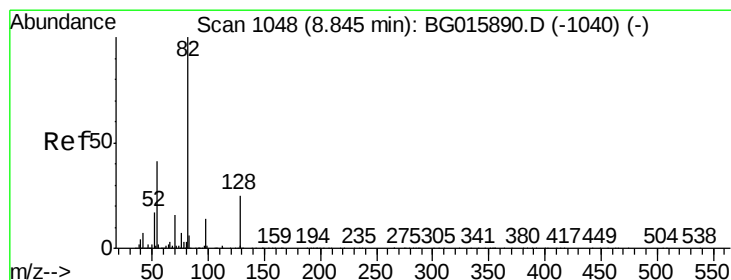
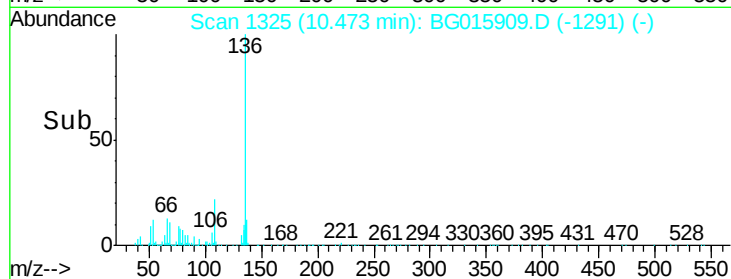
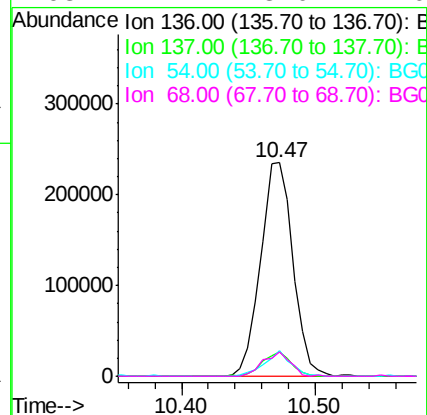
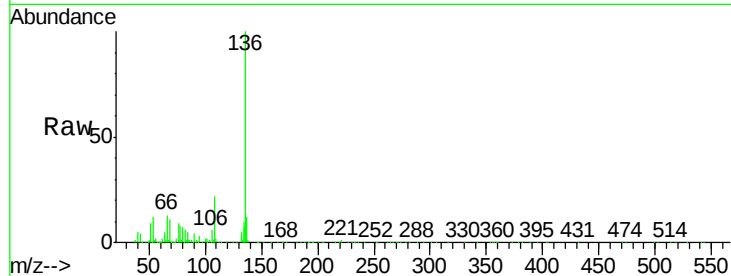




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.47 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BG015909.D
Acq: 21 Jan 2015 19:17

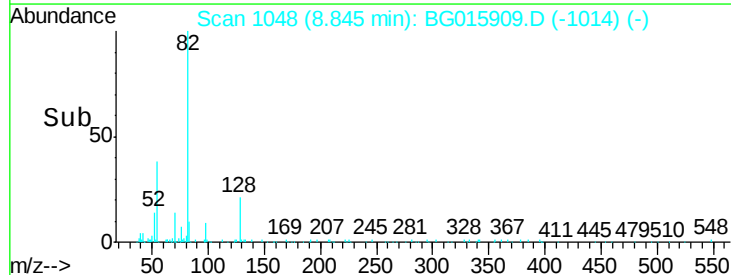
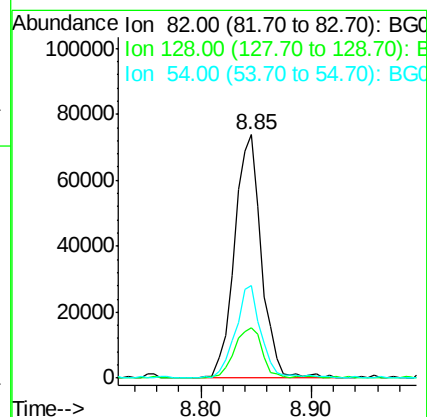
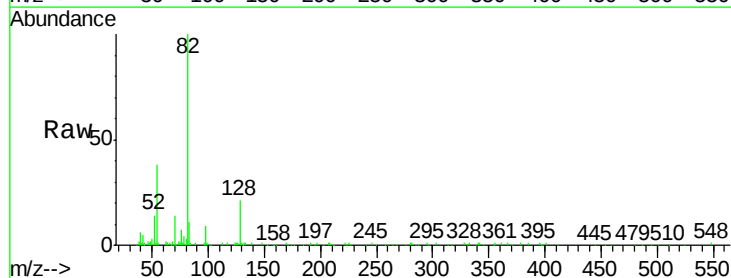
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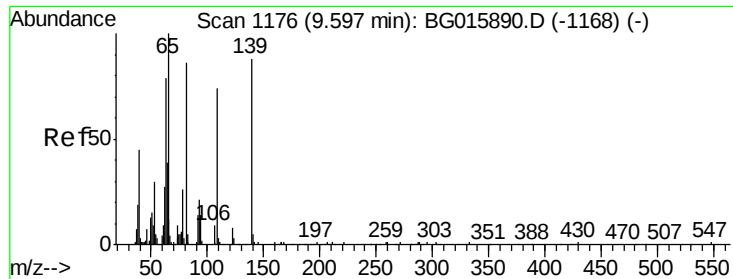
Tot Ion:136	Resp:	393124	
Ion Ratio	Lower	Upper	
136 100			
137 11.6	9.7	14.5	
54 11.8	8.5	12.7	
68 11.1	8.0	12.0	



#23
Nitrobenzene-d5
Concen: 9.20 ng
RT: 8.85 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BG015909.D
Acq: 21 Jan 2015 19:17

Tgt	Ion: 82	Resp:	125481
Ion	Ratio	Lower	Upper
82	100		
128	20.9	19.8	29.8
54	38.0	33.0	49.4





#26

2-Nitrophenol

Concen: 6.65 ng

RT: 9.59 min Scan# 1175

Delta R.T. 0.00 min

Lab File: BG015909.D

Acq: 21 Jan 2015 19:17

Instrument :

BNA_G

ClientSampleId :

8024DL

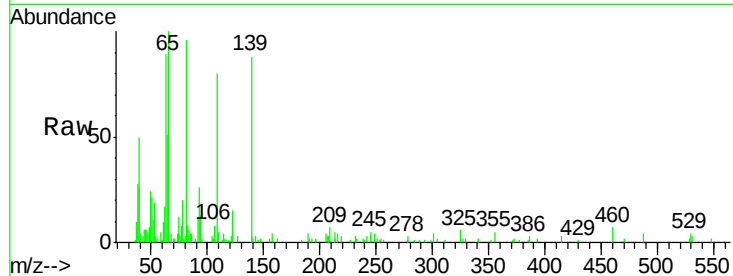
Tot Ion:139 Resp: 23628

Ion Ratio Lower Upper

139 100

109 91.4 67.2 100.8

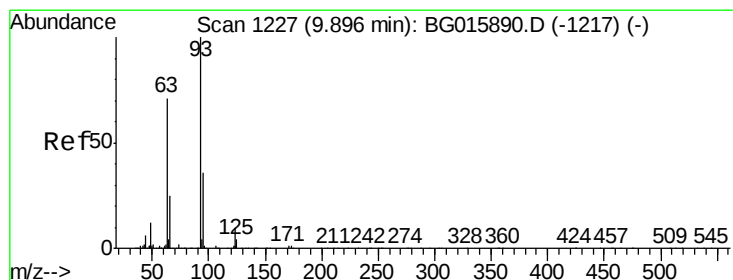
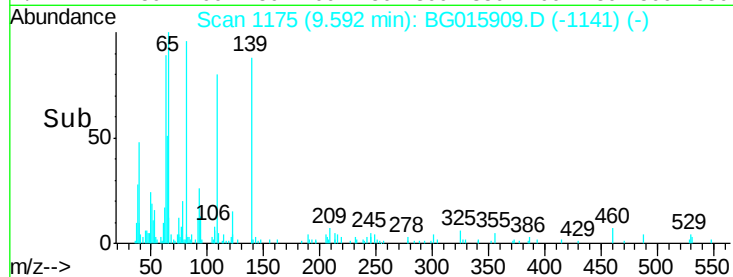
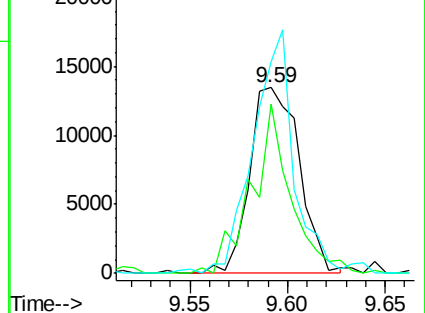
65 113.7 91.3 136.9



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): B



#28

bis(2-Chloroethoxy)methane

Concen: 14.67 ng

RT: 9.89 min Scan# 1225

Delta R.T. -0.01 min

Lab File: BG015909.D

Acq: 21 Jan 2015 19:17

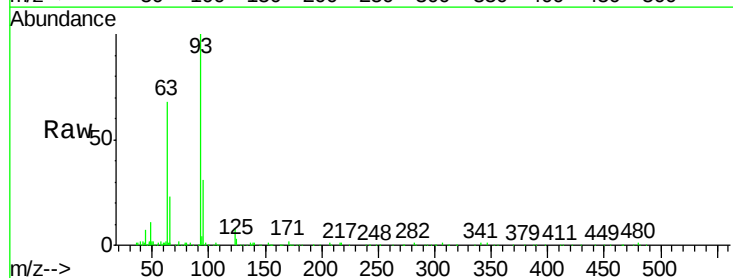
Tgt Ion: 93 Resp: 171298

Ion Ratio Lower Upper

93 100

95 31.3 28.6 42.8

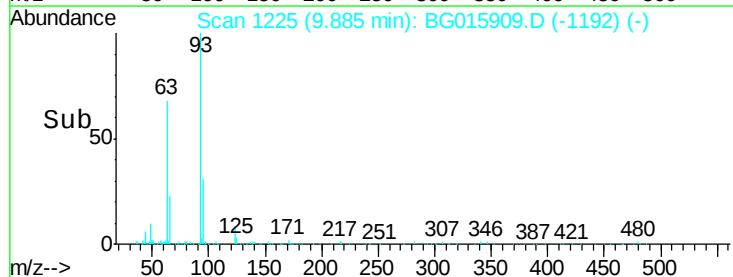
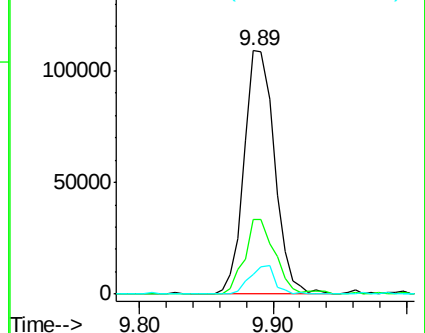
123 7.9 7.9 11.9#

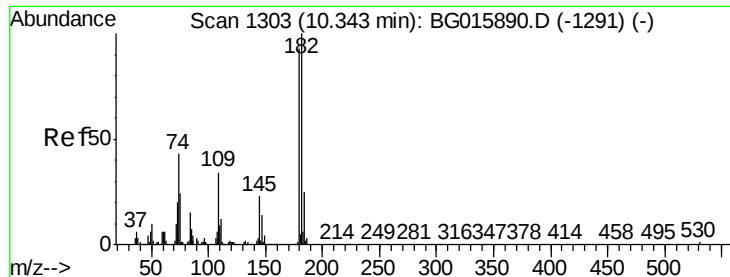


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

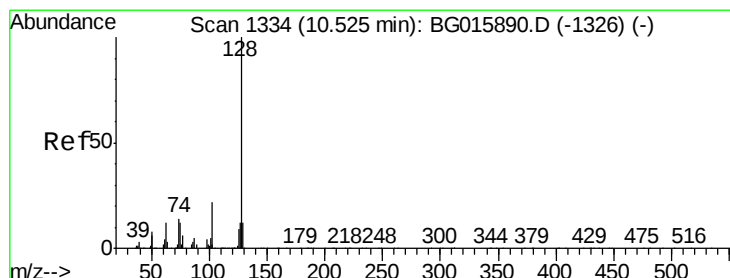
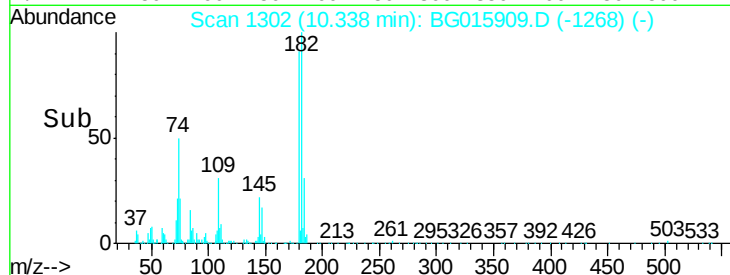
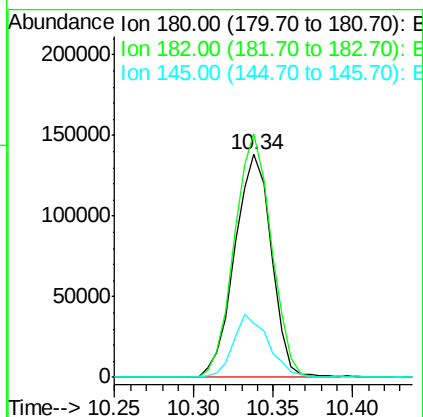
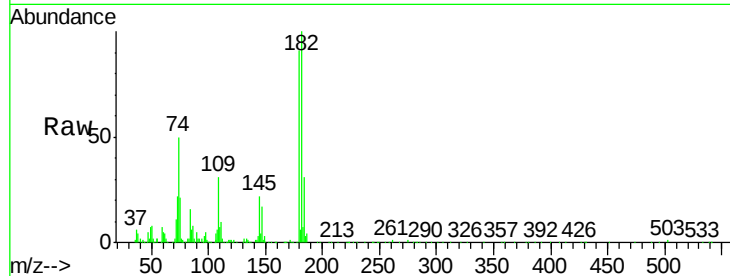




#30
1,2,4-Trichlorobenzene
Concen: 25.76 ng
RT: 10.34 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BG015909.D
Acq: 21 Jan 2015 19:17

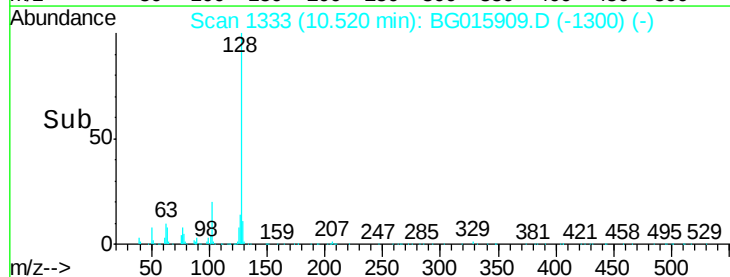
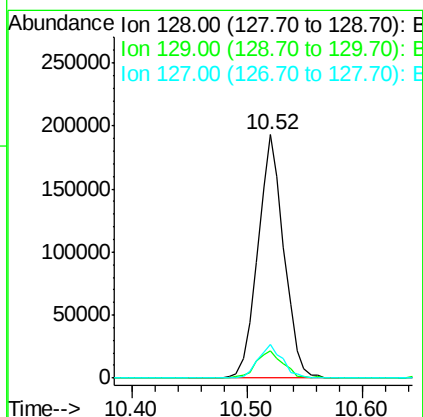
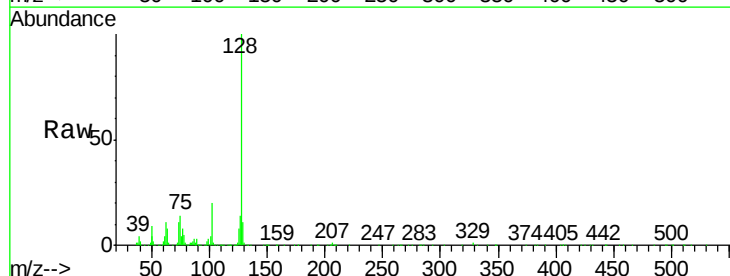
Instrument :
BNA_G
ClientSampleId :
8024DL

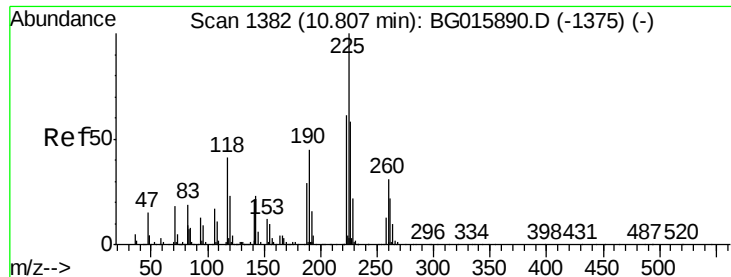
Tot Ion	Ratio	Lower	Upper
180	100		
182	109.4	86.4	129.6
145	24.5	20.1	30.1



#31
Naphthalene
Concen: 15.01 ng
RT: 10.52 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BG015909.D
Acq: 21 Jan 2015 19:17

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.7	14.5
127	13.7	9.8	14.6





#34

Hexachlorobutadiene

Concen: 14.91 ng

RT: 10.80 min Scan# 1381

Delta R.T. -0.01 min

Lab File: BG015909.D

Acq: 21 Jan 2015 19:17

Instrument :

BNA_G

ClientSampleId :

8024DL

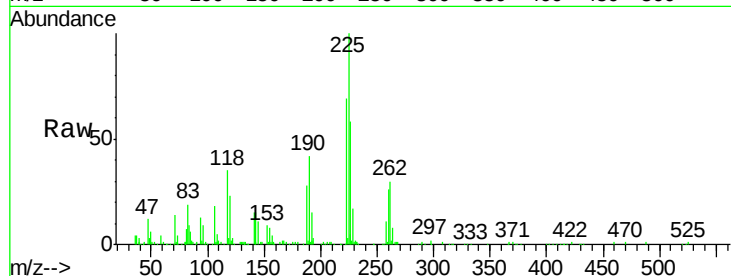
Tot Ion:225 Resp: 125497

Ion Ratio Lower Upper

225 100

223 71.7 49.9 74.9

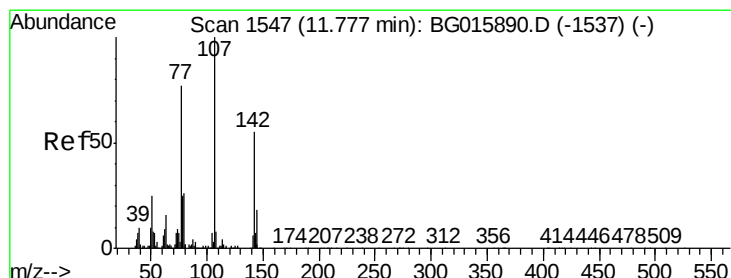
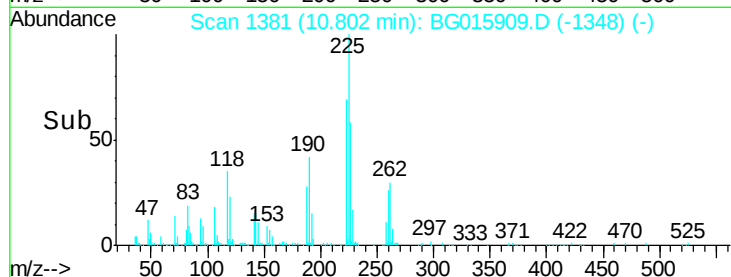
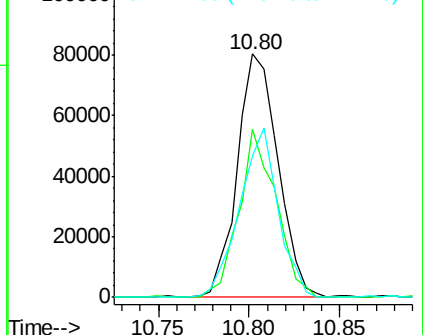
227 58.1 45.3 67.9



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



#36

4-Chloro-3-methylphenol

Concen: 23.12 ng

RT: 11.77 min Scan# 1546

Delta R.T. -0.01 min

Lab File: BG015909.D

Acq: 21 Jan 2015 19:17

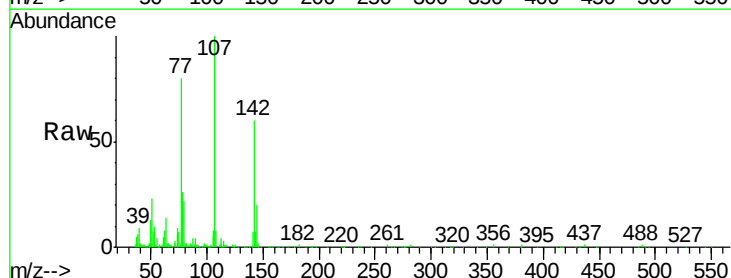
Tgt Ion:107 Resp: 241430

Ion Ratio Lower Upper

107 100

144 20.5 14.6 22.0

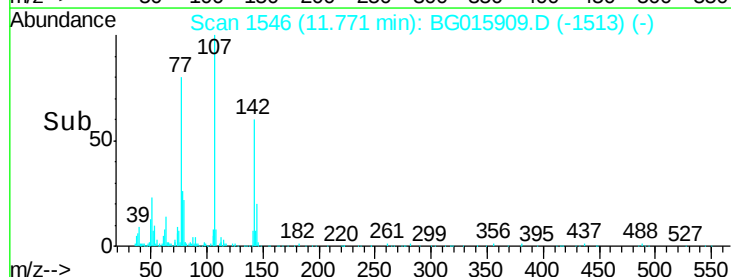
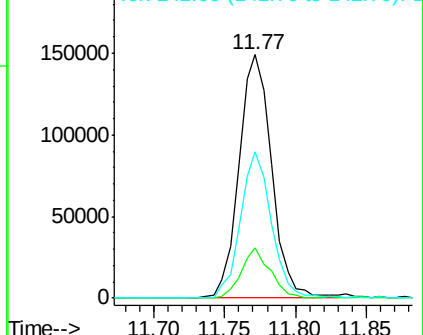
142 60.1 43.8 65.6

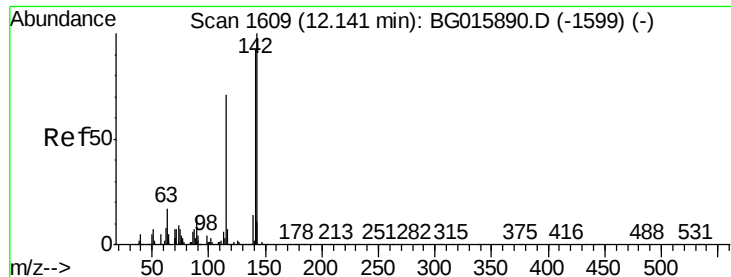


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

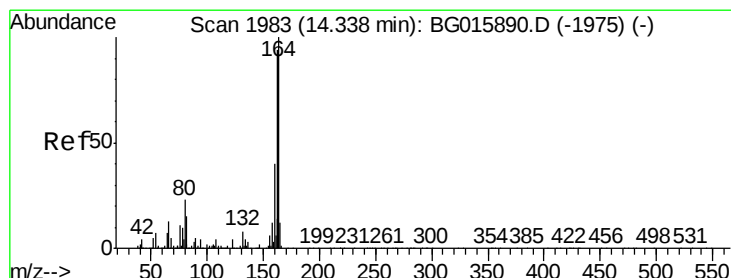
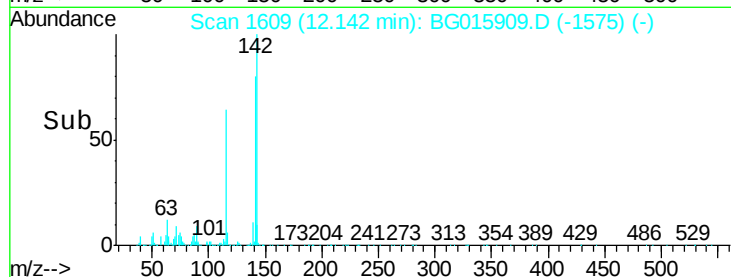
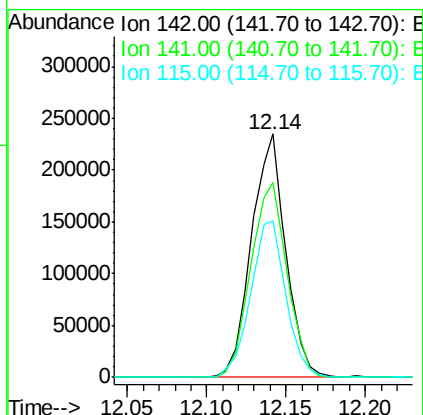
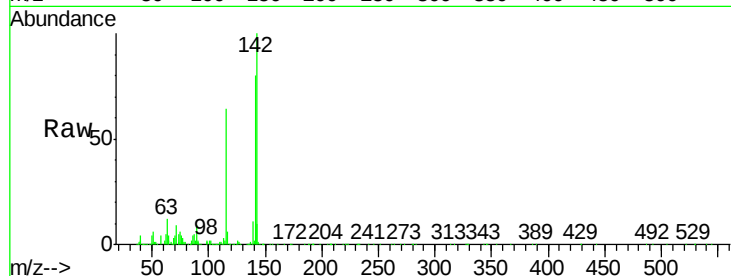




#37
2-Methylnaphthalene
Concen: 22.04 ng
RT: 12.14 min Scan# 1609
Delta R.T. 0.00 min
Lab File: BG015909.D
Acq: 21 Jan 2015 19:17

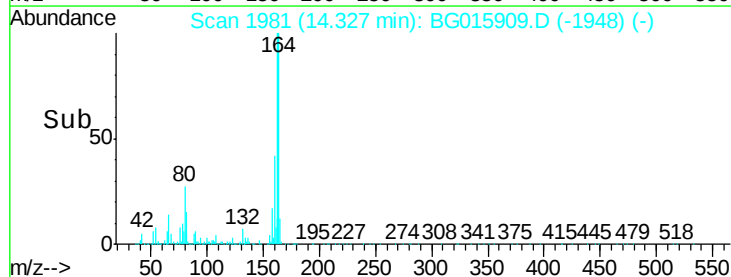
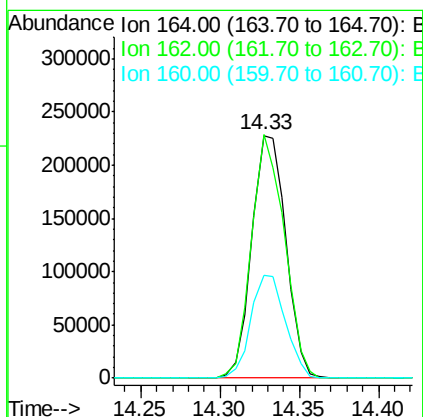
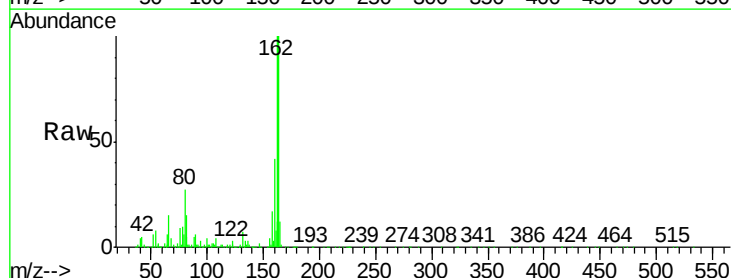
Instrument :
BNA_G
ClientSampleId :
8024DL

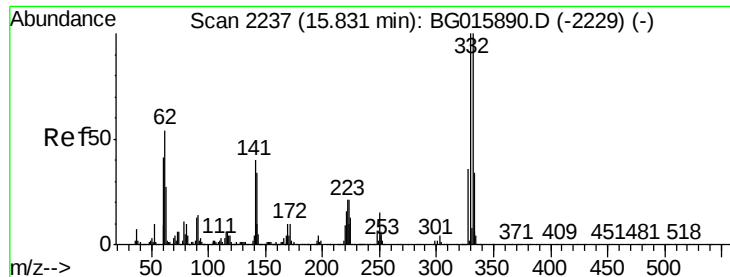
Tot Ion	Ratio	Lower	Upper
142	100		
141	80.0	73.8	110.8
115	64.1	56.6	84.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.33 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BG015909.D
Acq: 21 Jan 2015 19:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.4	75.1	112.7
160	42.5	32.3	48.5

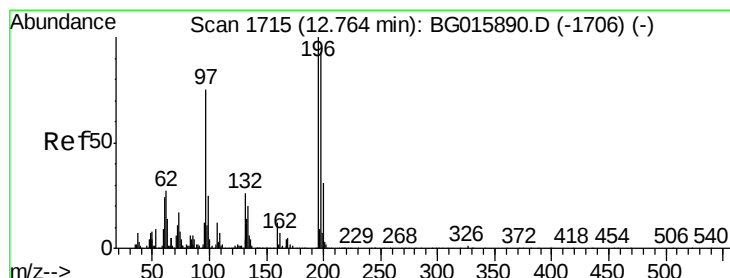
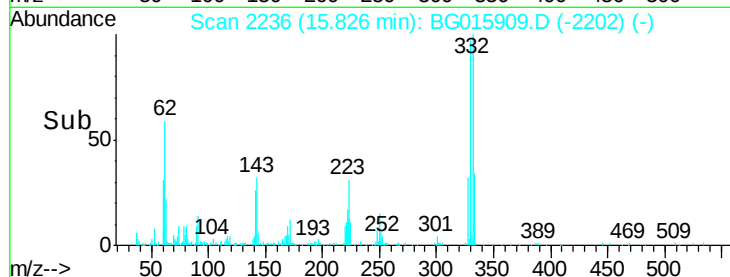
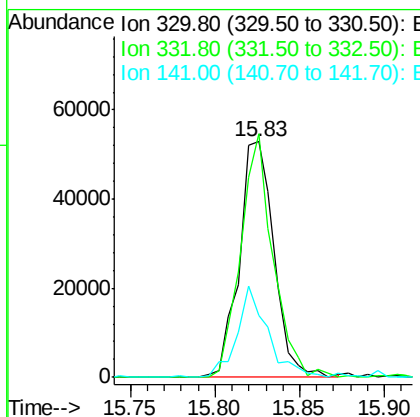
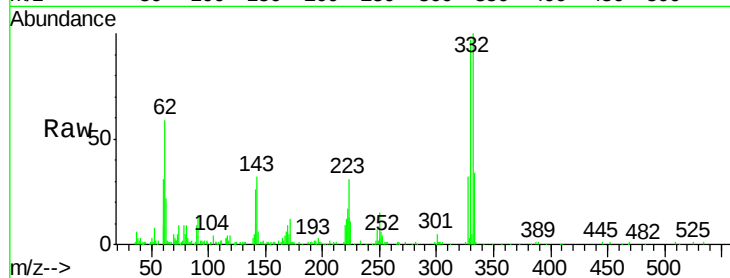




#41
 2,4,6-Tribromophenol
 Concen: 12.15 ng
 RT: 15.83 min Scan# 2236
 Delta R.T. 0.00 min
 Lab File: BG015909.D
 Acq: 21 Jan 2015 19:17

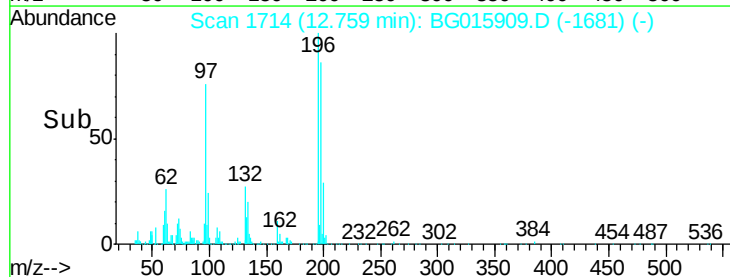
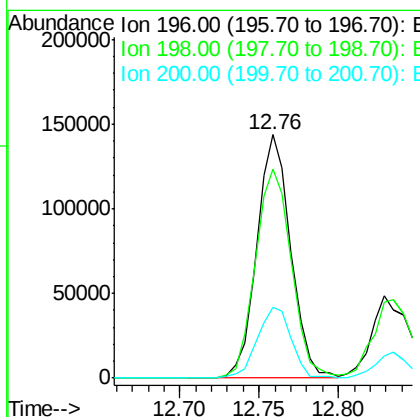
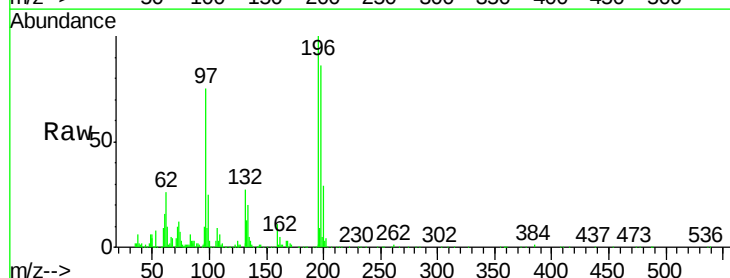
Instrument :
 BNA_G
 ClientSampleId :
 8024DL

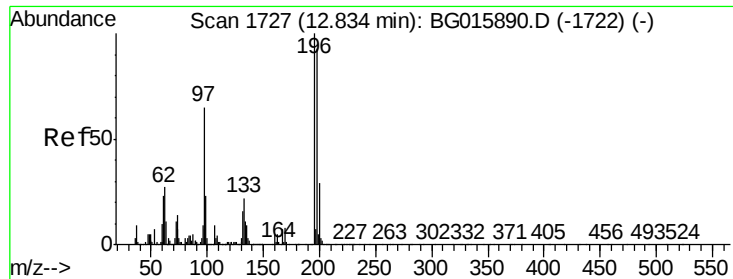
Tot Ion:330 Resp: 75894
 Ion Ratio Lower Upper
 330 100
 332 96.0 75.4 113.0
 141 34.3 33.0 49.6



#42
 2,4,6-Trichlorophenol
 Concen: 28.06 ng
 RT: 12.76 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG015909.D
 Acq: 21 Jan 2015 19:17

Tgt Ion:196 Resp: 213850
 Ion Ratio Lower Upper
 196 100
 198 86.0 74.1 111.1
 200 28.9 24.6 37.0

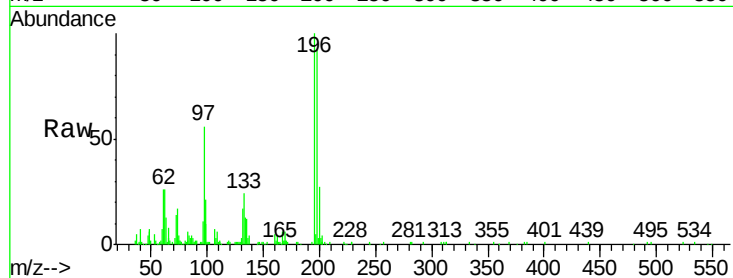




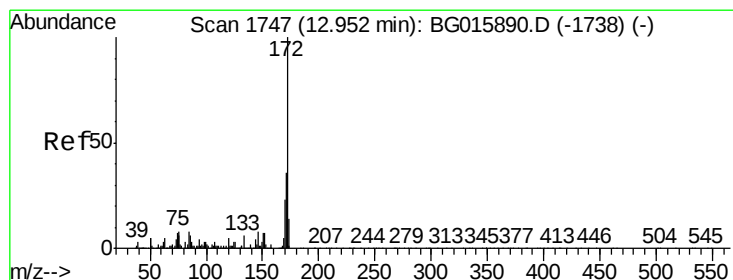
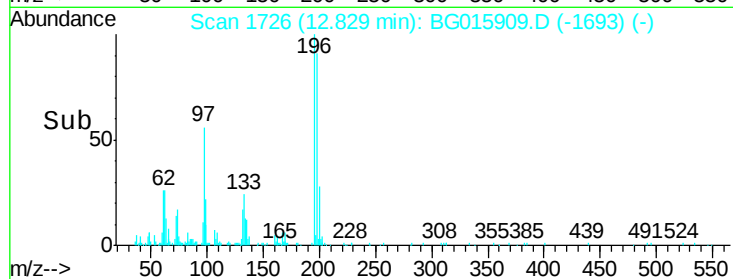
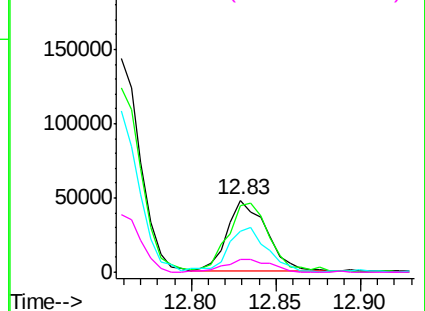
#43
2,4,5-Trichlorophenol
Concen: 9.00 ng
RT: 12.83 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BG015909.D
Acq: 21 Jan 2015 19:17

Instrument :
BNA_G
ClientSampleId :
8024DL

Tot Ion	Ion	Ratio	Lower	Upper
196	100			
198	92.1	74.7	112.1	
97	56.1	52.5	78.7	
132	17.2	12.8	19.2	

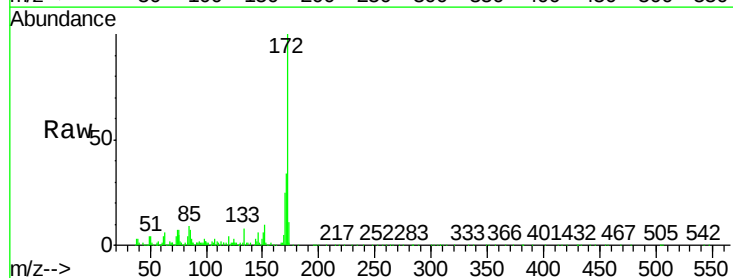


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E

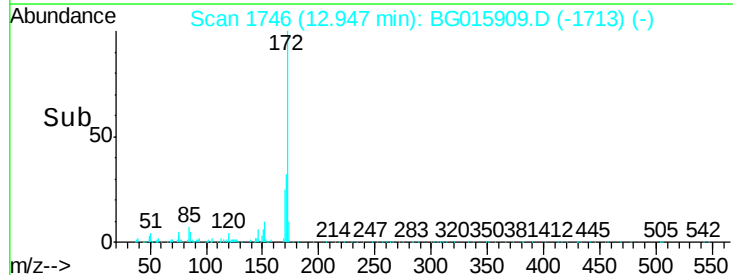
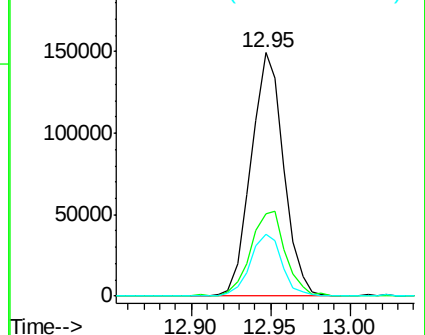


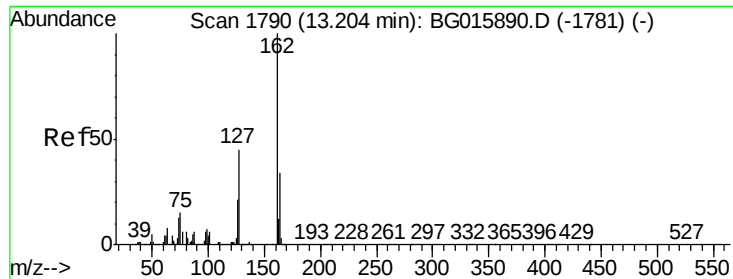
#44
2-Fluorobiphenyl
Concen: 9.82 ng
RT: 12.95 min Scan# 1746
Delta R.T. -0.01 min
Lab File: BG015909.D
Acq: 21 Jan 2015 19:17

Tgt Ion	Ion	Ratio	Lower	Upper
172	100			
171	33.9	29.2	43.8	
170	25.3	18.6	27.8	



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

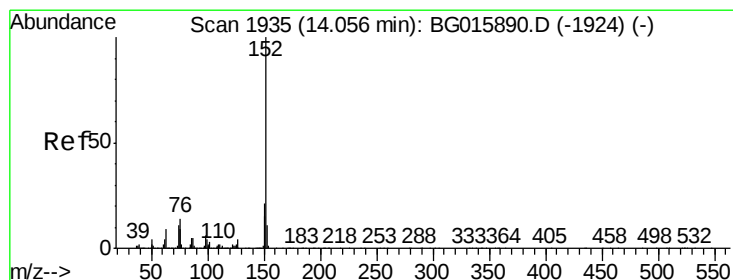
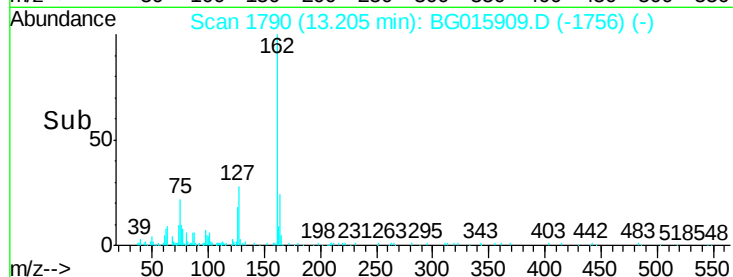
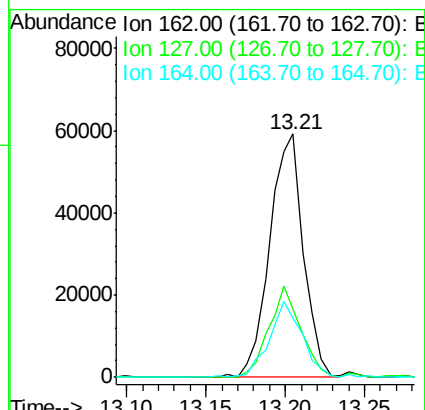
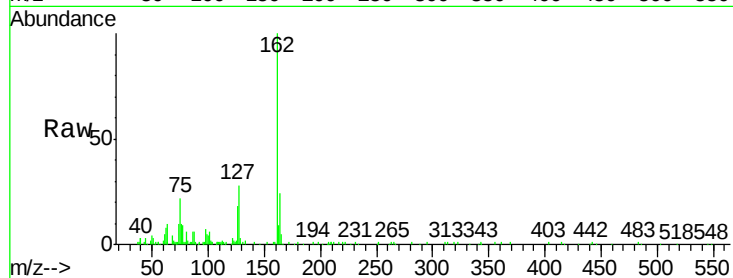




#46
2-Chloronaphthalene
Concen: 4.80 ng
RT: 13.21 min Scan# 1790
Delta R.T. 0.00 min
Lab File: BG015909.D
Acq: 21 Jan 2015 19:17

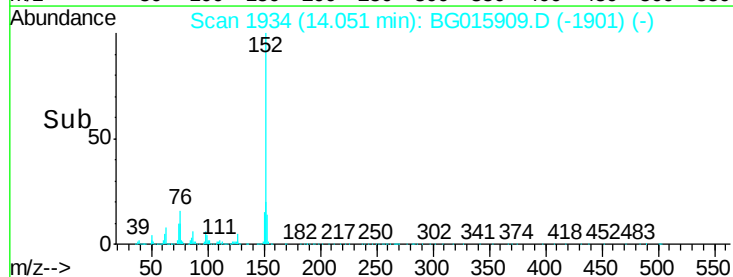
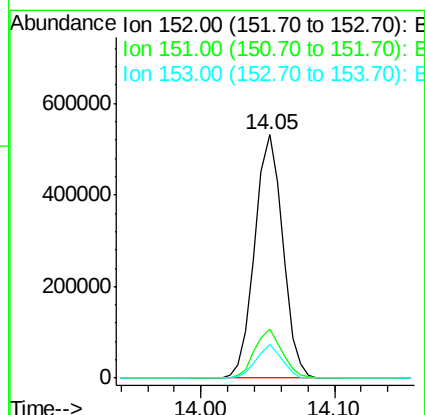
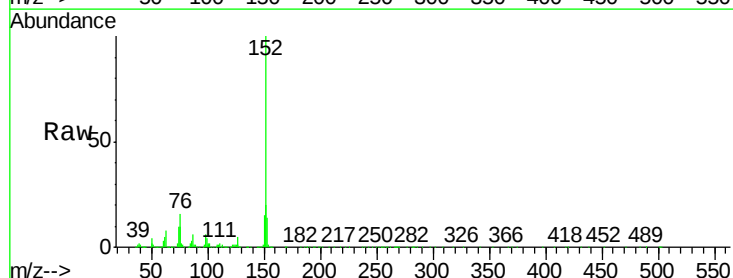
Instrument :
BNA_G
ClientSampleId :
8024DL

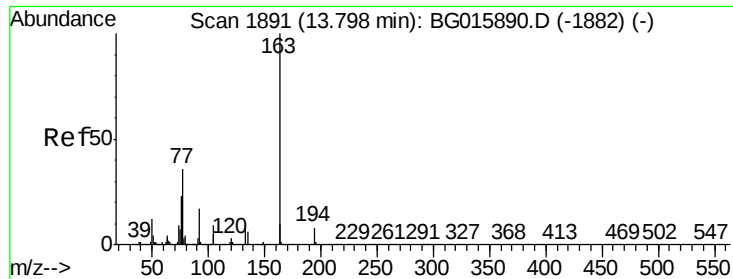
Tot Ion	Ratio	Lower	Upper
162	100		
127	28.2	37.1	55.7#
164	24.2	27.0	40.4#



#48
Acenaphthylene
Concen: 27.90 ng
RT: 14.05 min Scan# 1934
Delta R.T. -0.01 min
Lab File: BG015909.D
Acq: 21 Jan 2015 19:17

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.6	24.8
153	13.9	8.9	13.3#

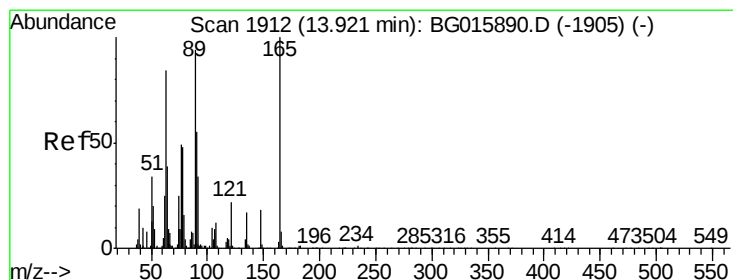
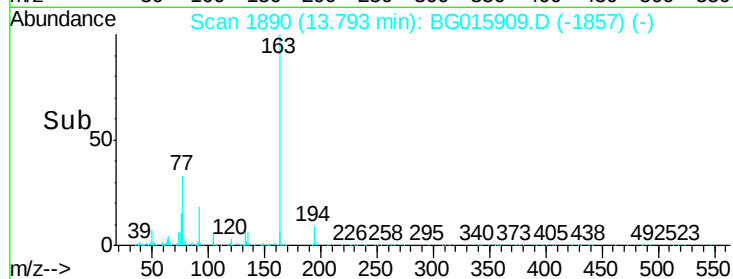
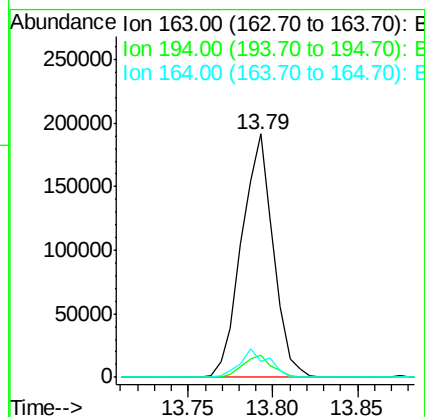
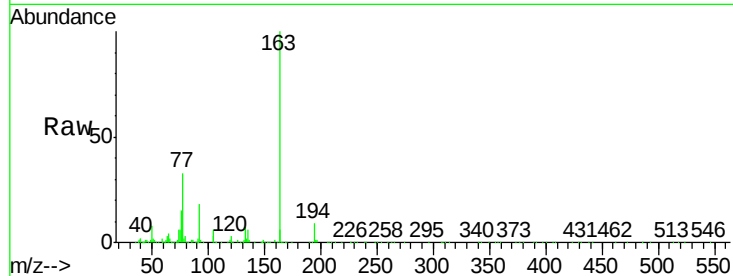




#49
Dimethylphthalate
Concen: 10.18 ng
RT: 13.79 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BG015909.D
Acq: 21 Jan 2015 19:17

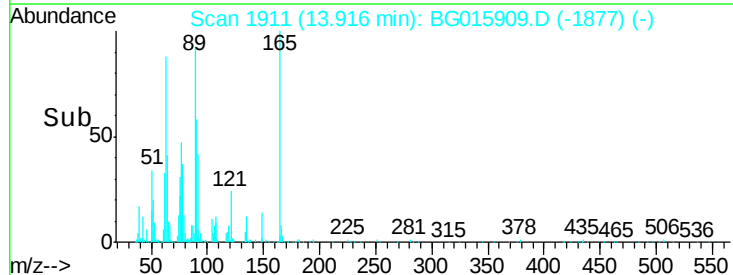
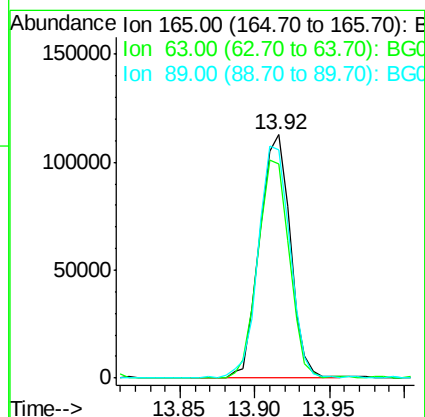
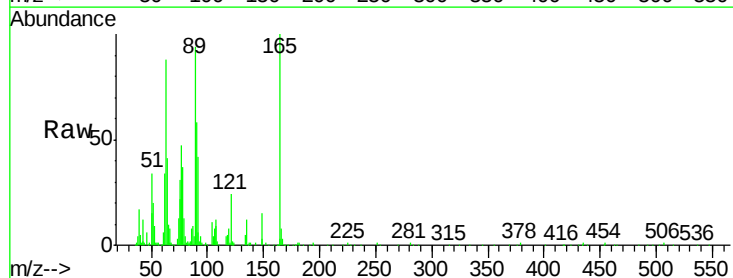
Instrument :
BNA_G
ClientSampleId :
8024DL

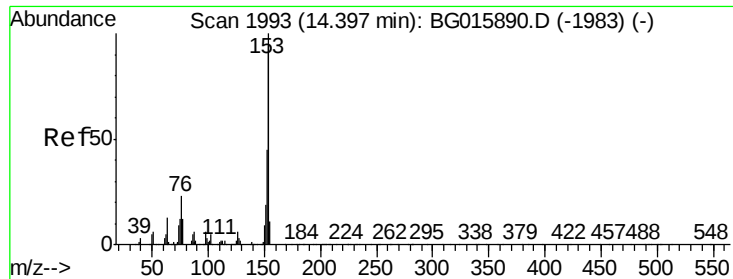
Tot Ion	Ratio	Lower	Upper
163	100		
194	8.9	6.2	9.4
164	6.5	8.0	12.0#



#50
2,6-Dinitrotoluene
Concen: 28.87 ng
RT: 13.92 min Scan# 1911
Delta R.T. 0.00 min
Lab File: BG015909.D
Acq: 21 Jan 2015 19:17

Tgt Ion	Ratio	Lower	Upper
165	100		
63	88.1	68.3	102.5
89	93.9	75.4	113.2





#51

Acenaphthene

Concen: 20.49 ng

RT: 14.39 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BG015909.D

Acq: 21 Jan 2015 19:17

Instrument :

BNA_G

ClientSampleId :

8024DL

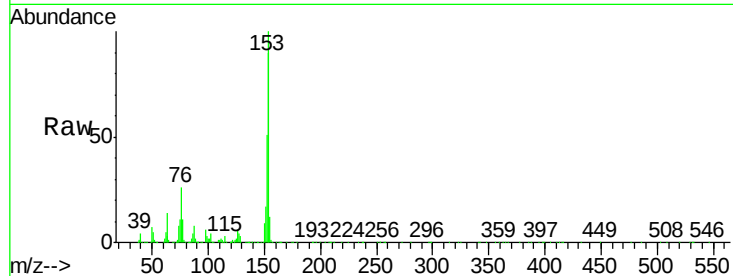
Tot Ion:154 Resp: 355511

Ion Ratio Lower Upper

154 100

153 110.6 85.1 127.7

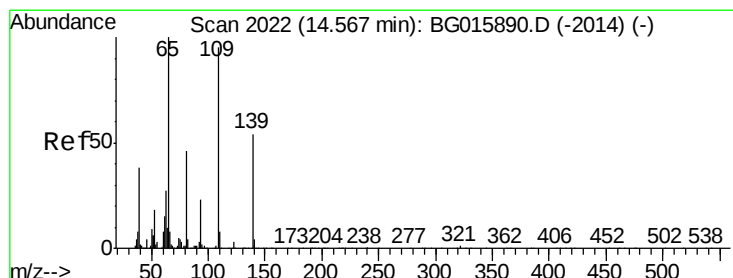
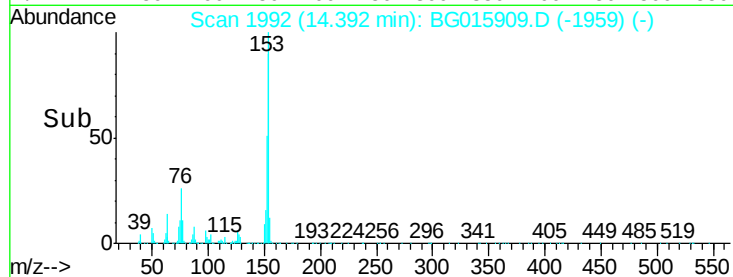
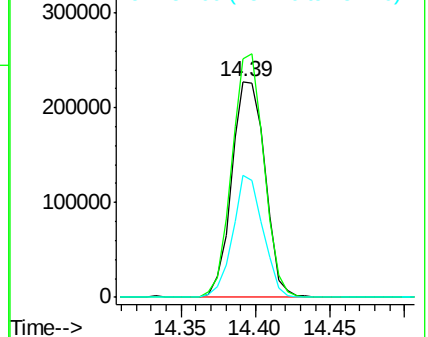
152 56.8 38.3 57.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#55

4-Nitrophenol

Concen: 8.47 ng

RT: 14.57 min Scan# 2022

Delta R.T. 0.00 min

Lab File: BG015909.D

Acq: 21 Jan 2015 19:17

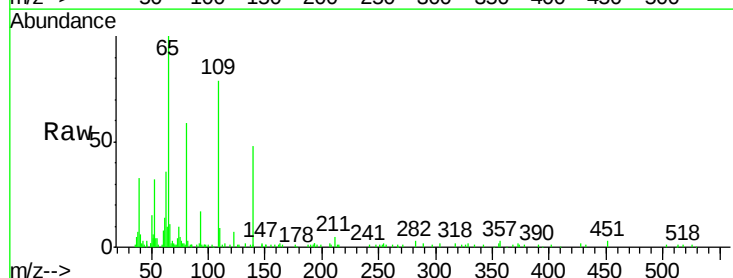
Tgt Ion:139 Resp: 30380

Ion Ratio Lower Upper

139 100

109 164.2 156.3 196.3

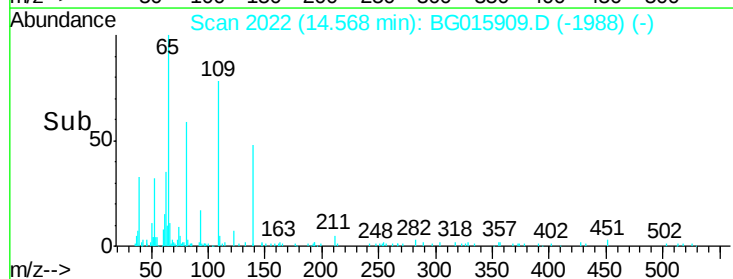
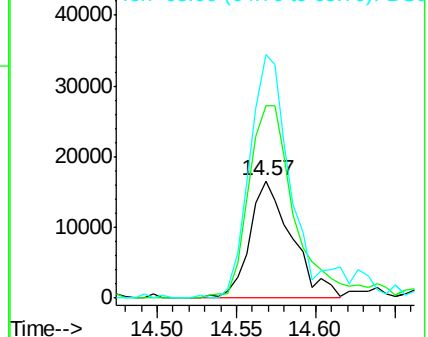
65 208.3 166.3 206.3#

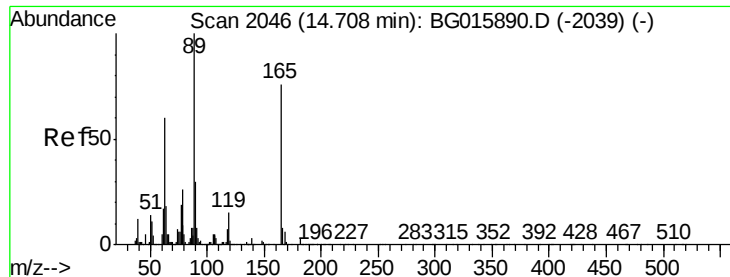


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

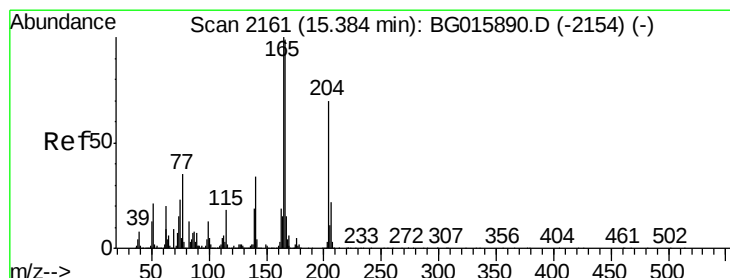
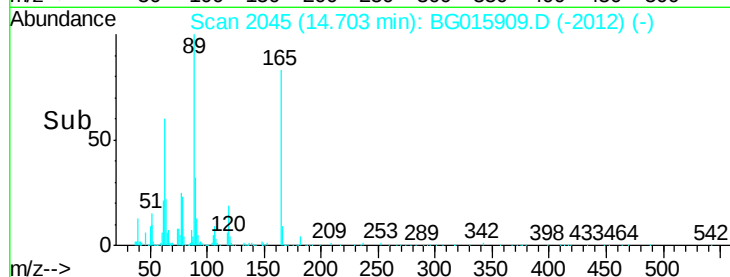
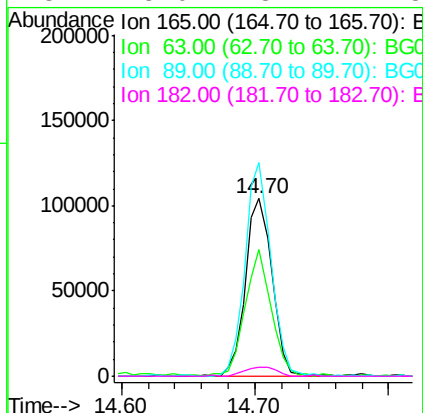
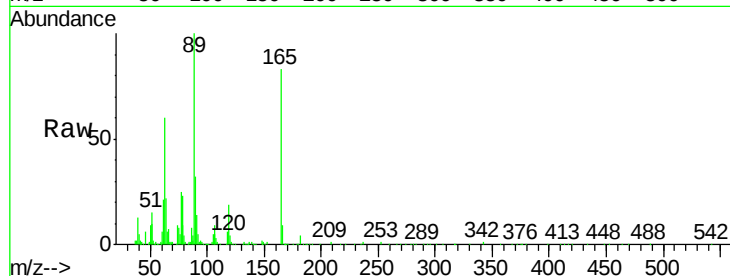




#56
2,4-Dinitrotoluene
Concen: 17.61 ng
RT: 14.70 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BG015909.D
Acq: 21 Jan 2015 19:17

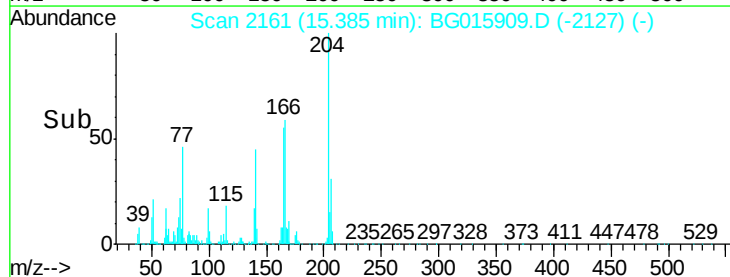
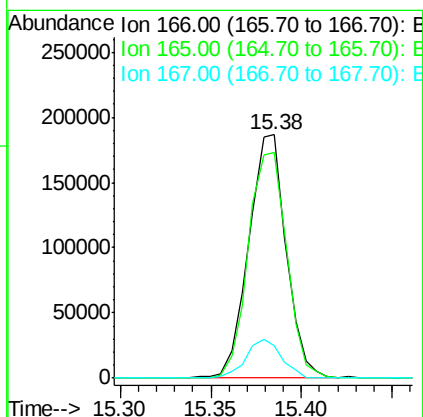
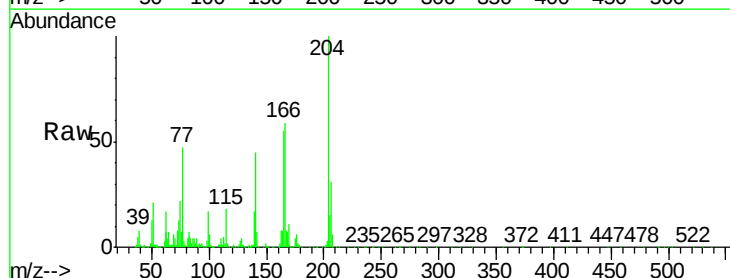
Instrument :
BNA_G
ClientSampleId :
8024DL

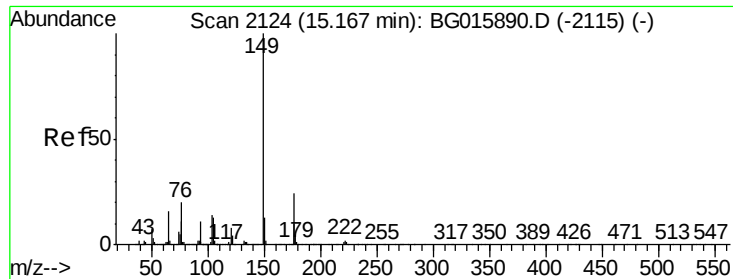
Tot Ion:165 Resp: 142838
Ion Ratio Lower Upper
165 100
63 71.7 62.6 93.8
89 120.4 104.6 157.0
182 5.0 3.2 4.8#



#57
Fluorene
Concen: 10.40 ng
RT: 15.38 min Scan# 2161
Delta R.T. 0.00 min
Lab File: BG015909.D
Acq: 21 Jan 2015 19:17

Tgt Ion:166 Resp: 268532
Ion Ratio Lower Upper
166 100
165 92.9 80.6 120.8
167 13.4 12.5 18.7

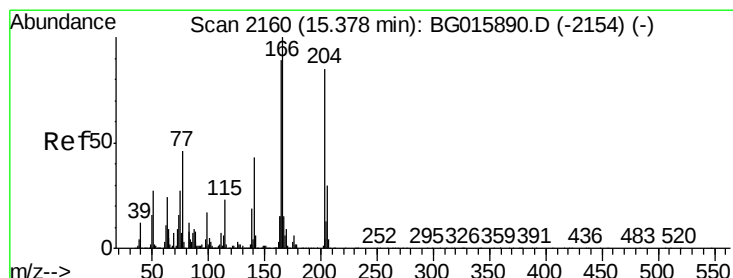
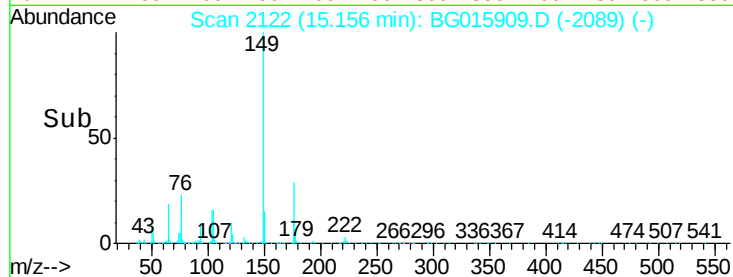
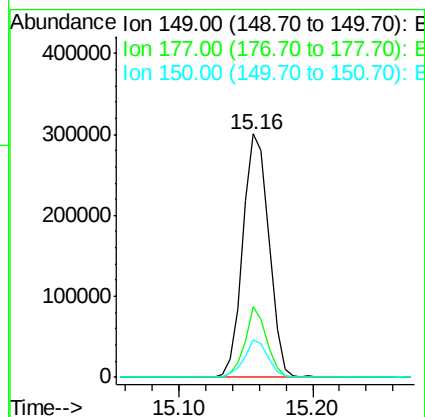
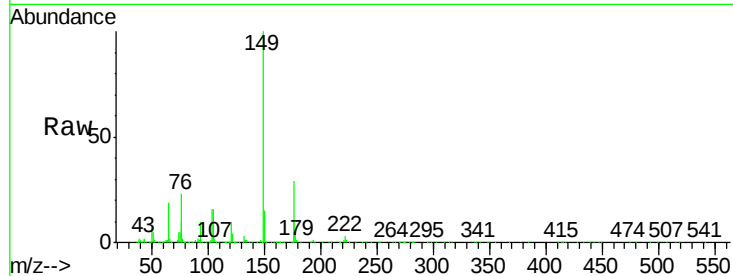




#59
Diethylphthalate
Concen: 16.12 ng
RT: 15.16 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BG015909.D
Acq: 21 Jan 2015 19:17

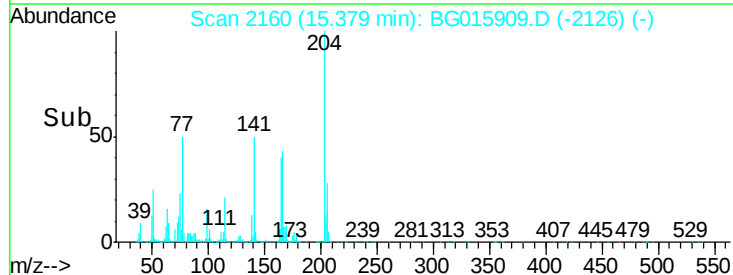
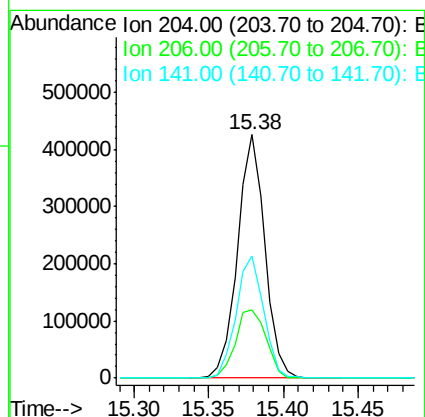
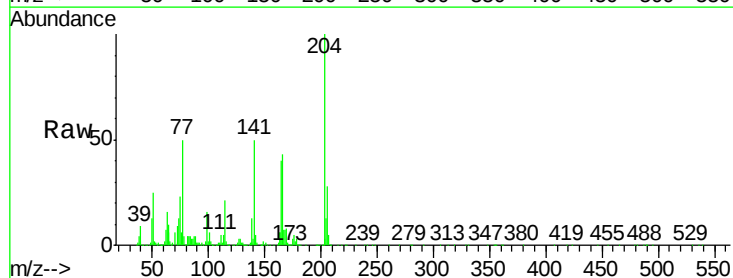
Instrument :
BNA_G
ClientSampleId :
8024DL

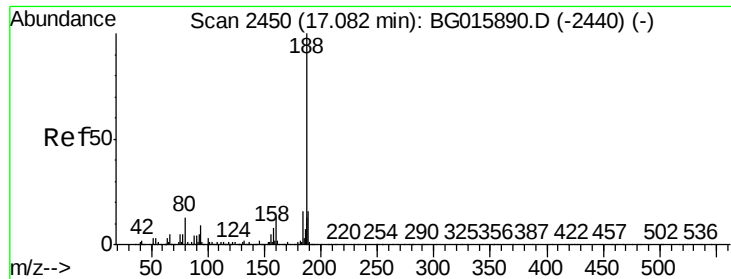
Tot Ion:149	Resp:	404025
Ion Ratio	Lower	Upper
149	100	
177	29.0	19.4 29.0
150	15.2	10.2 15.4



#60
4-Chlorophenyl-phenylether
Concen: 31.62 ng
RT: 15.38 min Scan# 2160
Delta R.T. 0.00 min
Lab File: BG015909.D
Acq: 21 Jan 2015 19:17

Tgt Ion:204	Resp:	542986
Ion Ratio	Lower	Upper
204	100	
206	28.0	28.4 42.6#
141	49.9	41.0 61.6

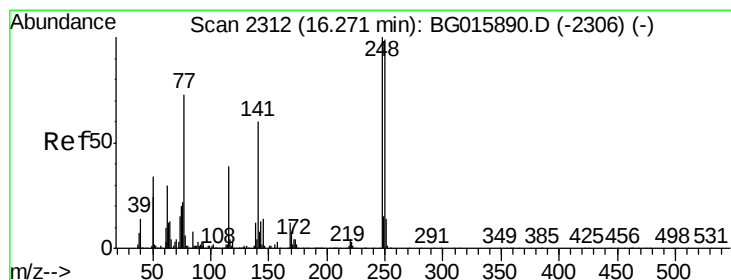
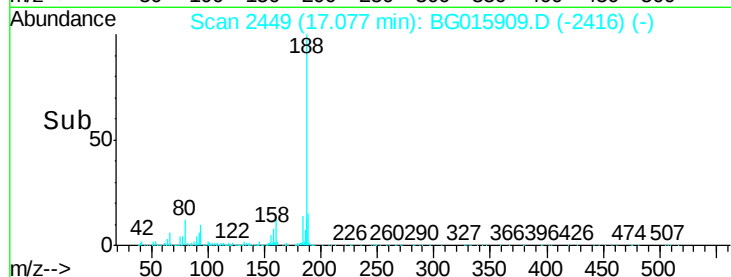
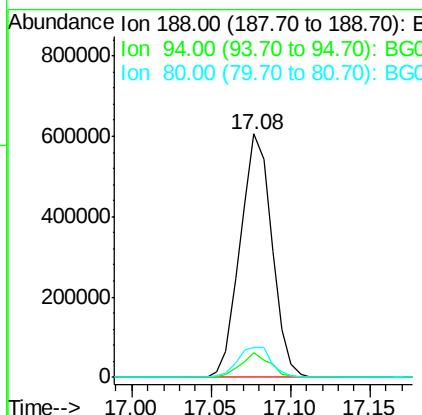
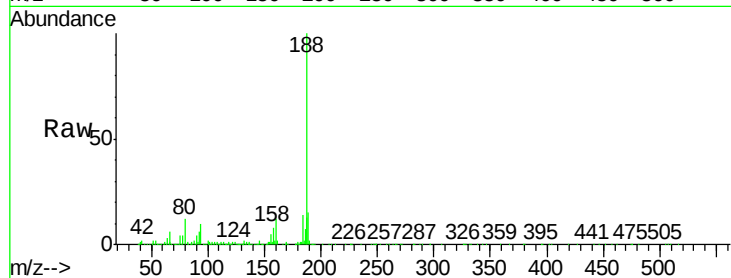




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.08 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG015909.D
Acq: 21 Jan 2015 19:17

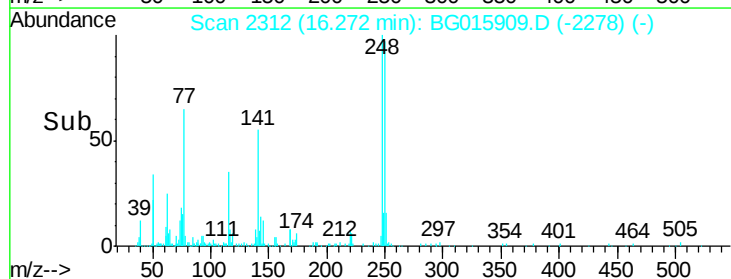
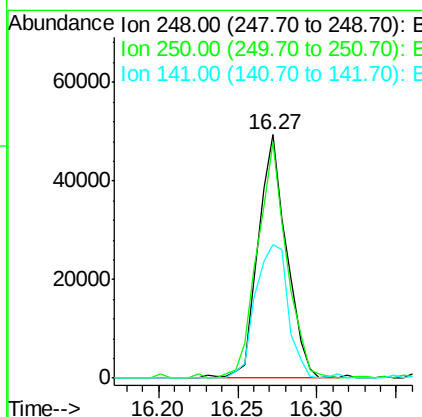
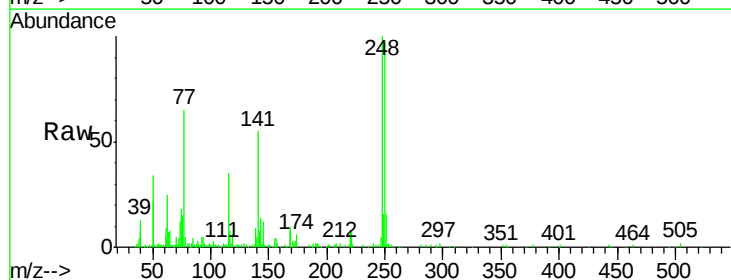
Instrument :
BNA_G
ClientSampleId :
8024DL

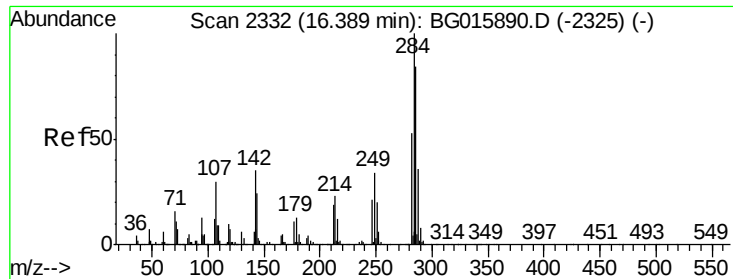
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.2	7.8	11.8
80	12.3	10.6	16.0



#66
4-Bromophenyl-phenylether
Concen: 5.04 ng
RT: 16.27 min Scan# 2312
Delta R.T. 0.00 min
Lab File: BG015909.D
Acq: 21 Jan 2015 19:17

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.8	79.3	118.9
141	54.8	47.8	71.6

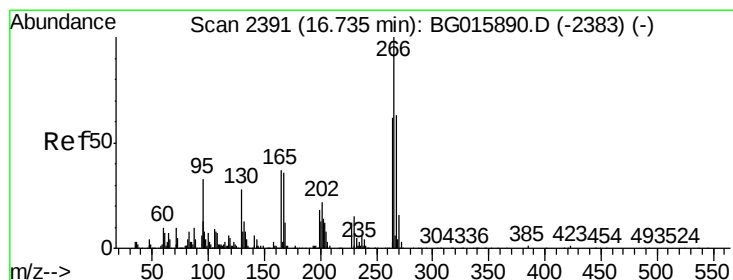
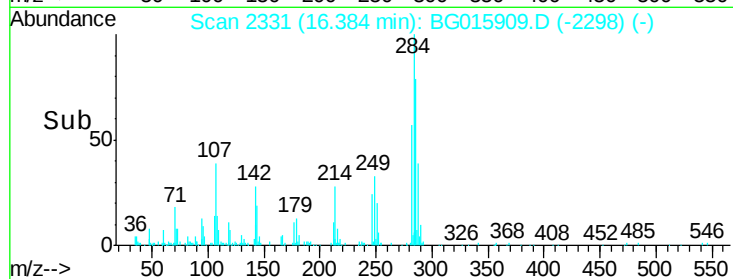
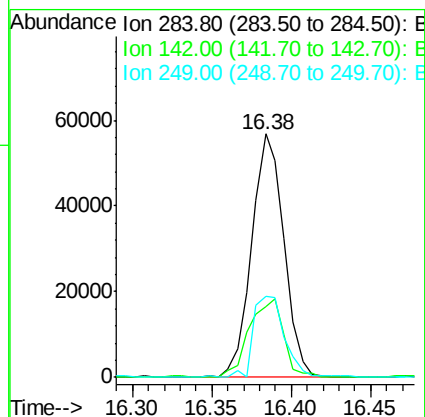
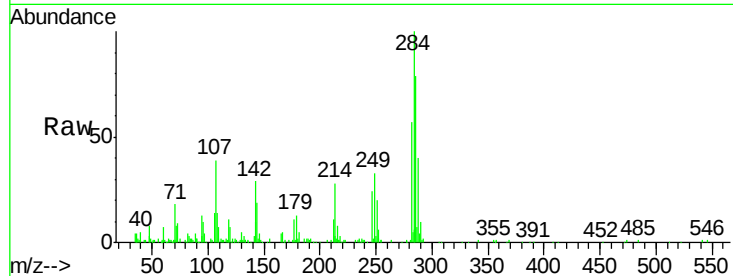




#67
Hexachlorobenzene
Concen: 6.02 ng
RT: 16.38 min Scan# 2331
Delta R.T. -0.01 min
Lab File: BG015909.D
Acq: 21 Jan 2015 19:17

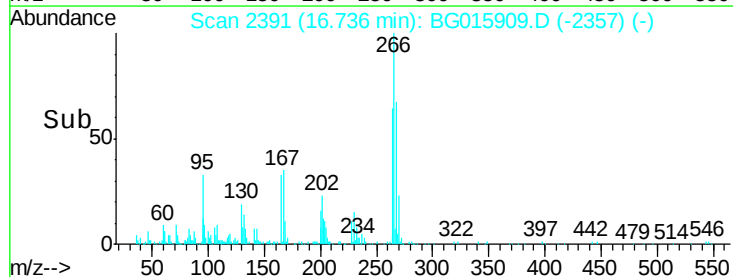
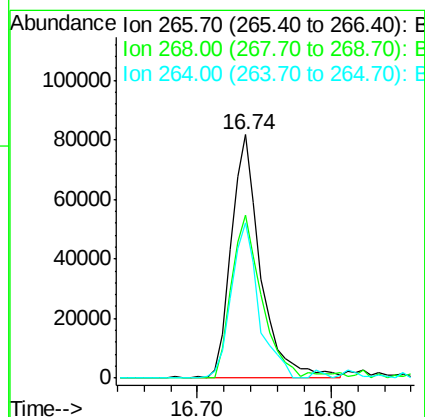
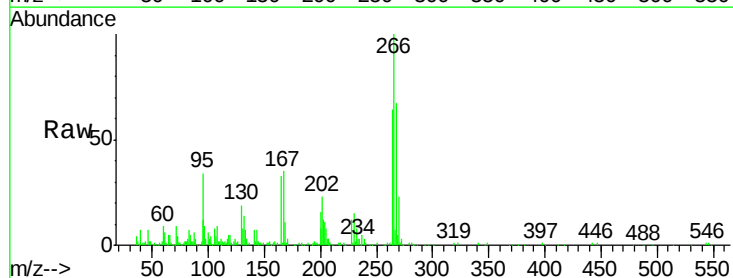
Instrument :
BNA_G
ClientSampleId :
8024DL

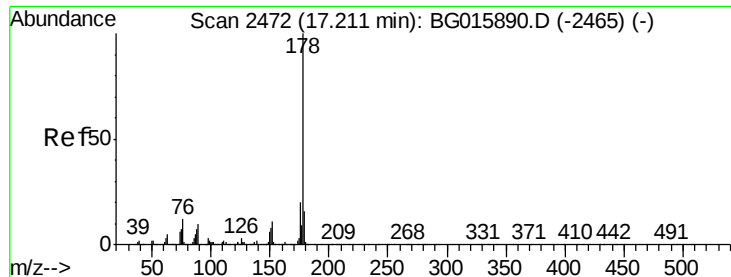
Tot Ion	Ratio	Lower	Upper
284	100		
142	39.0	27.8	41.6
249	33.1	29.3	43.9



#69
Pentachlorophenol
Concen: 25.25 ng
RT: 16.74 min Scan# 2391
Delta R.T. 0.00 min
Lab File: BG015909.D
Acq: 21 Jan 2015 19:17

Tgt Ion	Ratio	Lower	Upper
266	100		
268	72.0	53.5	80.3
264	67.6	51.9	77.9





#71

Anthracene

Concen: 11.99 ng

RT: 17.21 min Scan# 2472

Delta R.T. 0.00 min

Lab File: BG015909.D

Acq: 21 Jan 2015 19:17

Instrument :

BNA_G

ClientSampleId :

8024DL

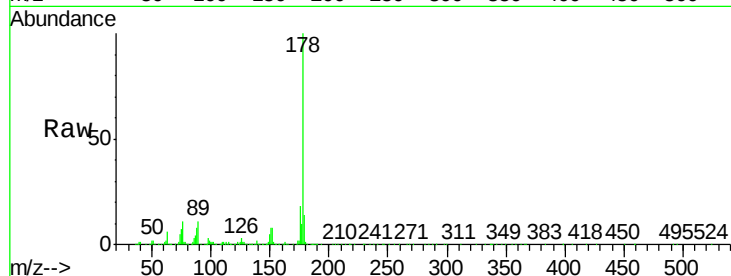
Tot Ion:178 Resp: 496285

Ion Ratio Lower Upper

178 100

176 18.2 15.7 23.5

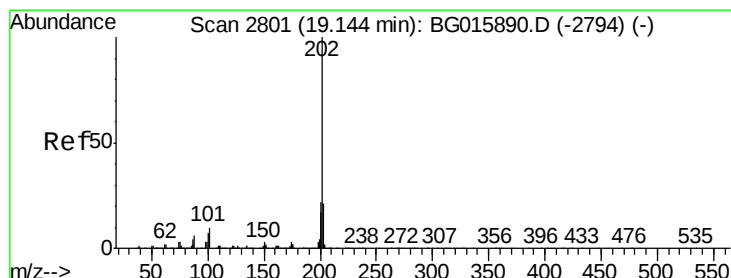
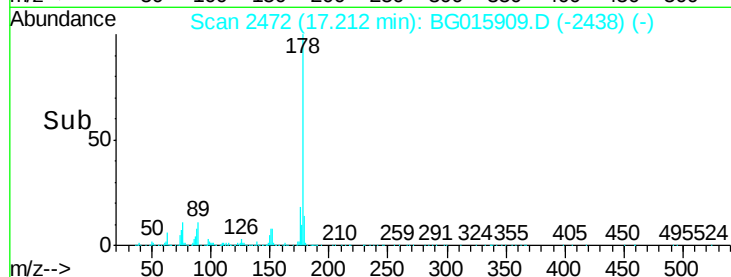
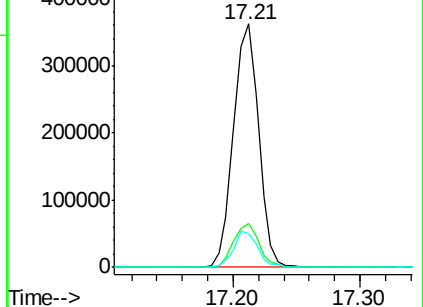
179 13.9 12.7 19.1



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



#74

Fluoranthene

Concen: 13.58 ng

RT: 19.14 min Scan# 2800

Delta R.T. -0.01 min

Lab File: BG015909.D

Acq: 21 Jan 2015 19:17

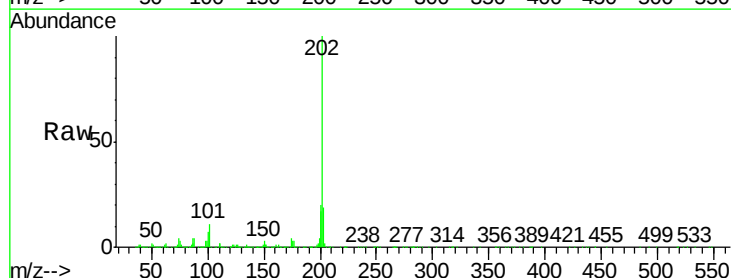
Tgt Ion:202 Resp: 765172

Ion Ratio Lower Upper

202 100

101 11.1 0.0 29.5

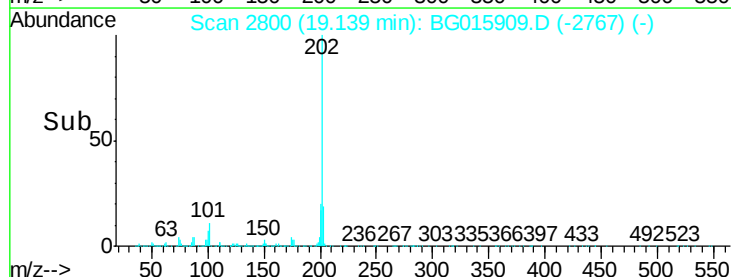
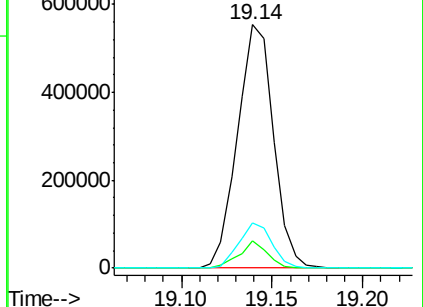
203 18.6 0.9 40.9

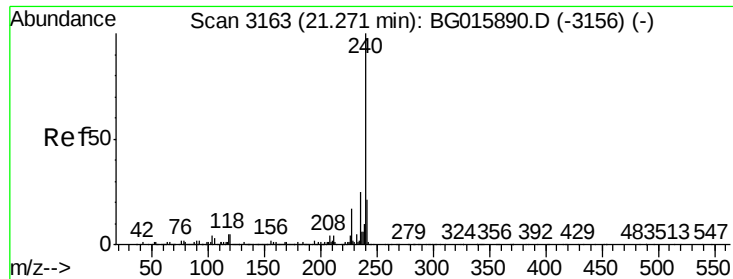


Abundance Ion 202.00 (201.70 to 202.70): E

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# 3162

Delta R.T. -0.01 min

Lab File: BG015909.D

Acq: 21 Jan 2015 19:17

Instrument :

BNA_G

ClientSampleId :

8024DL

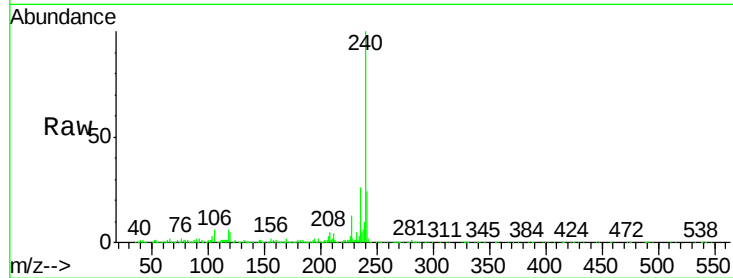
Tot Ion:240 Resp: 1142091

Ion Ratio Lower Upper

240 100

120 4.7 3.9 5.9

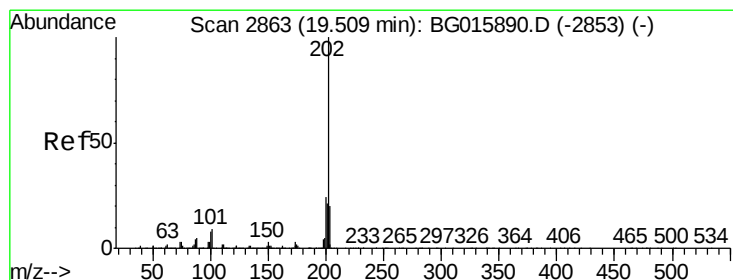
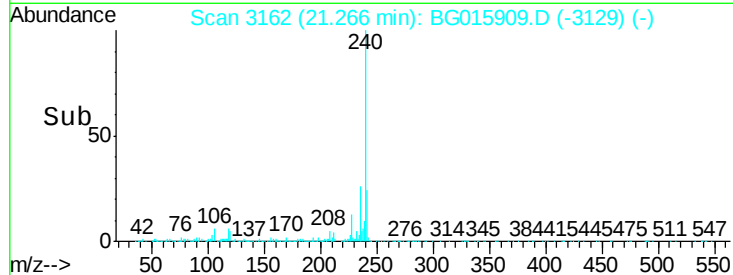
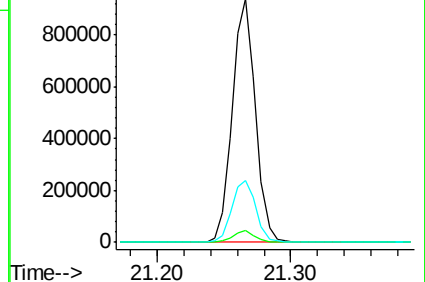
236 25.5 20.0 30.0



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: 21.96 ng

RT: 19.50 min Scan# 2862

Delta R.T. -0.01 min

Lab File: BG015909.D

Acq: 21 Jan 2015 19:17

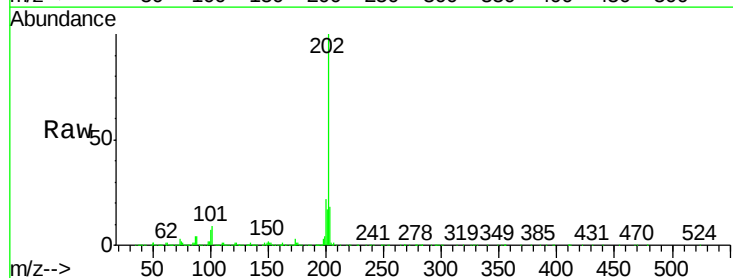
Tgt Ion:202 Resp: 1191755

Ion Ratio Lower Upper

202 100

200 22.3 19.3 28.9

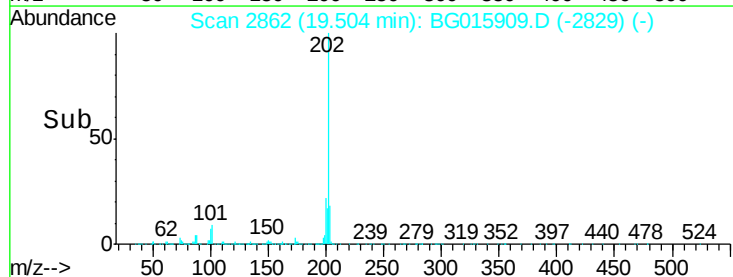
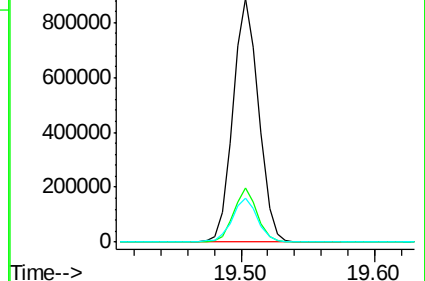
203 17.8 15.9 23.9

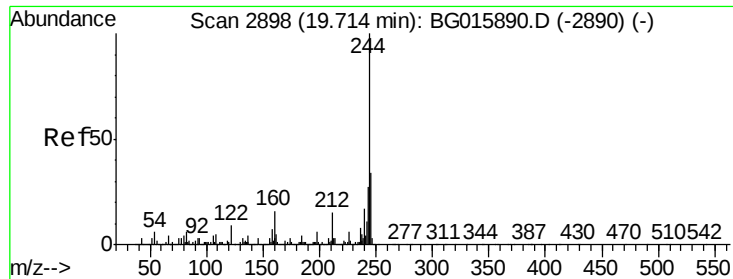


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 8.73 ng

RT: 19.71 min Scan# 2897

Delta R.T. -0.01 min

Lab File: BG015909.D

Acq: 21 Jan 2015 19:17

Instrument :

BNA_G

ClientSampleId :

8024DL

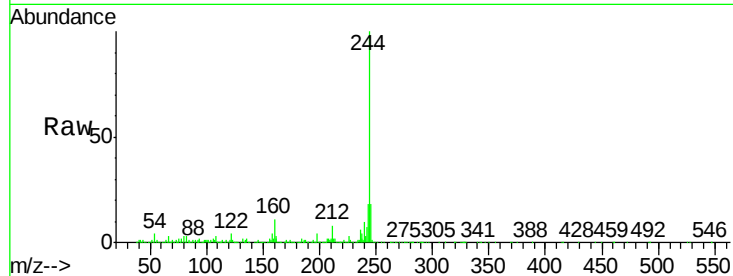
Tot Ion:244 Resp: 540814

Ion Ratio Lower Upper

244 100

212 8.3 11.6 17.4#

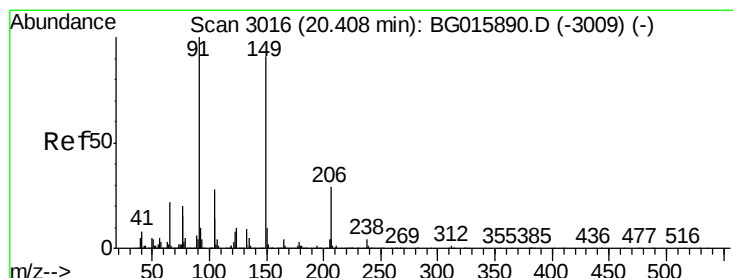
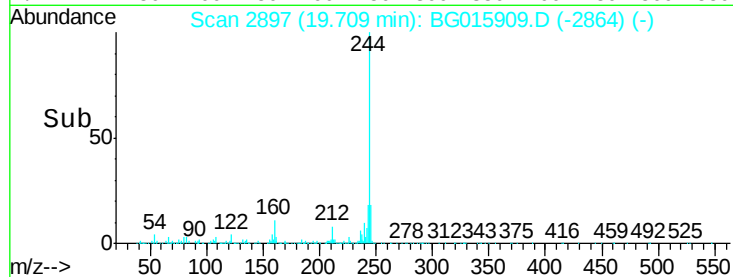
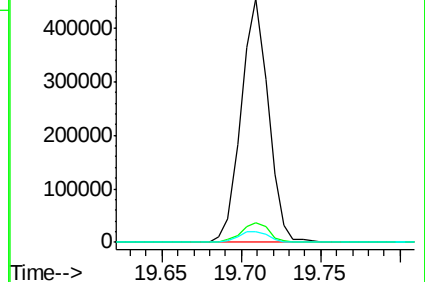
122 4.2 7.0 10.4#



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: 22.80 ng

RT: 20.41 min Scan# 3016

Delta R.T. 0.00 min

Lab File: BG015909.D

Acq: 21 Jan 2015 19:17

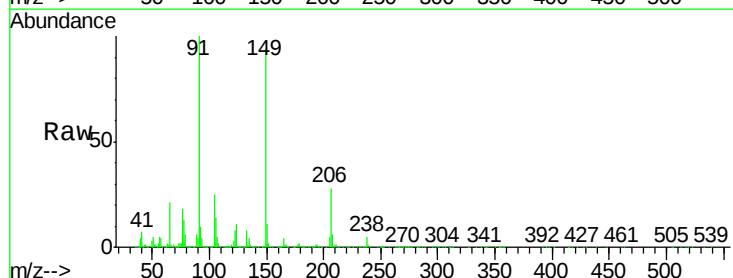
Tgt Ion:149 Resp: 453690

Ion Ratio Lower Upper

149 100

91 106.1 88.4 132.6

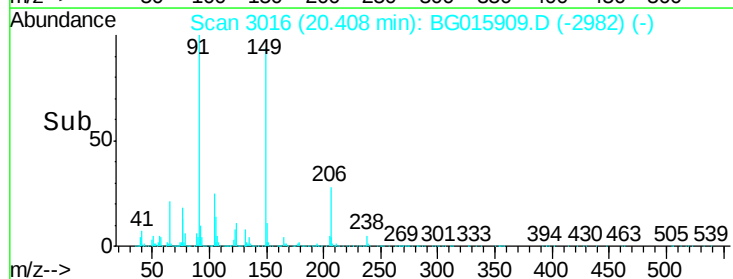
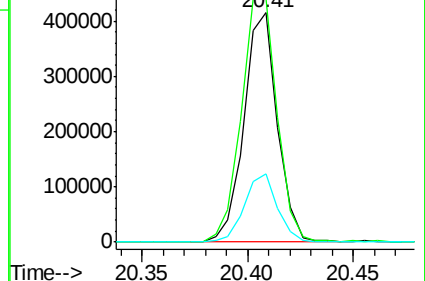
206 29.5 25.3 37.9

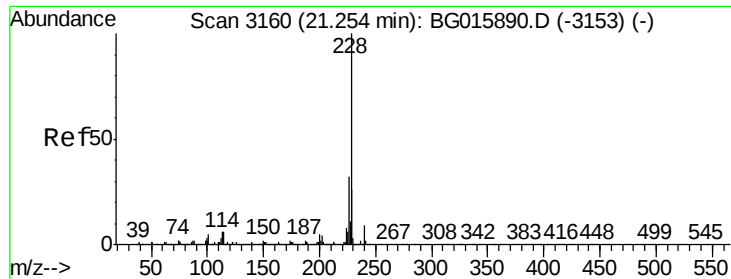


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 16.88 ng

RT: 21.25 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG015909.D

Acq: 21 Jan 2015 19:17

Instrument :

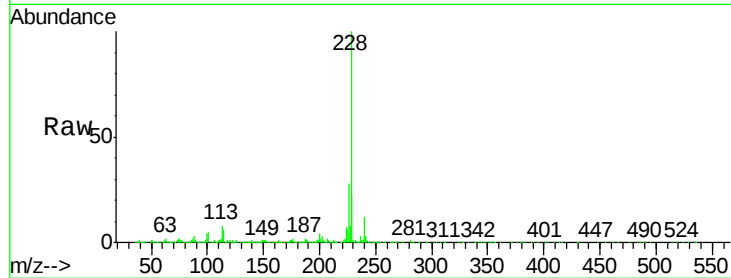
BNA_G

ClientSampleId :

8024DL

Tot Ion:228 Resp: 1146476

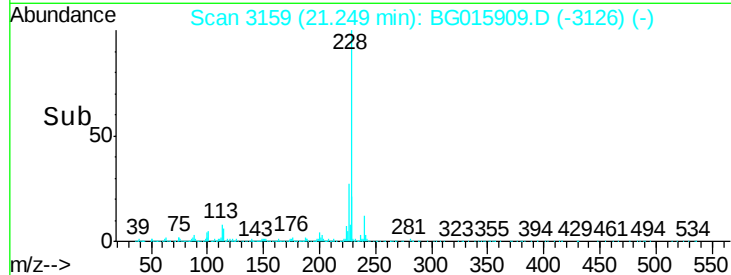
Ion	Ratio	Lower	Upper
228	100		
226	27.5	25.4	38.0
229	21.4	21.2	31.8



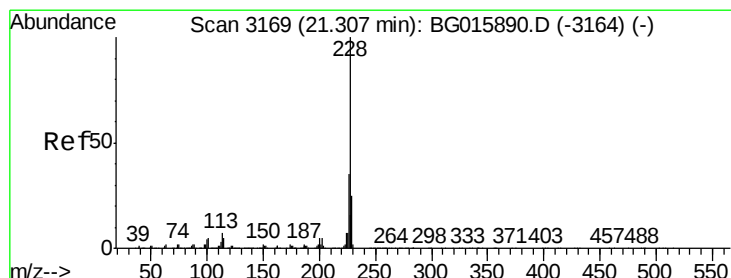
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#82

Chrysene

Concen: 12.85 ng

RT: 21.30 min Scan# 3168

Delta R.T. -0.01 min

Lab File: BG015909.D

Acq: 21 Jan 2015 19:17

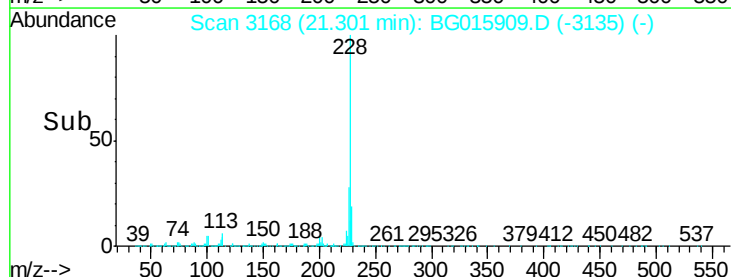
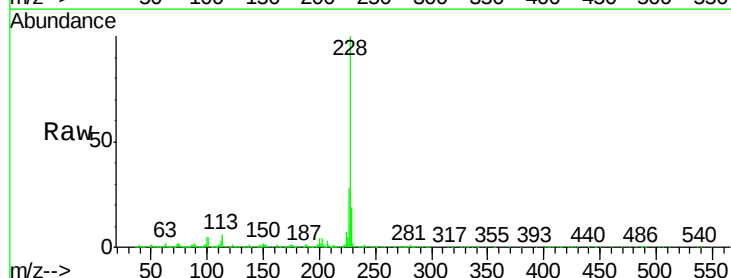
Tgt Ion:228 Resp: 841665

Ion	Ratio	Lower	Upper
228	100		
226	28.3	28.1	42.1
229	18.8	19.8	29.6

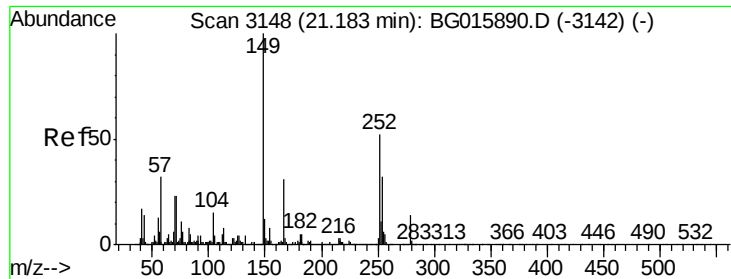
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#83

Bis(2-ethylhexyl)phthalate

Concen: 8.90 ng

RT: 21.18 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG015909.D

Acq: 21 Jan 2015 19:17

Instrument :

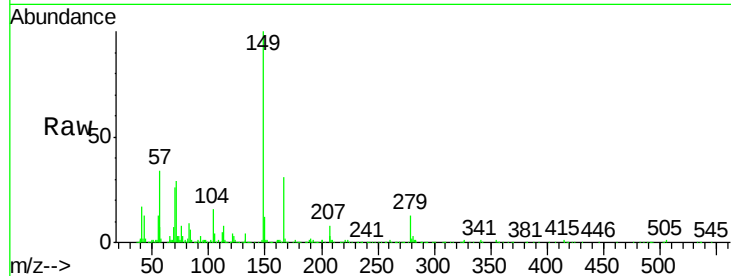
BNA_G

ClientSampleID :

8024DL

Tot Ion:149 Resp: 238233

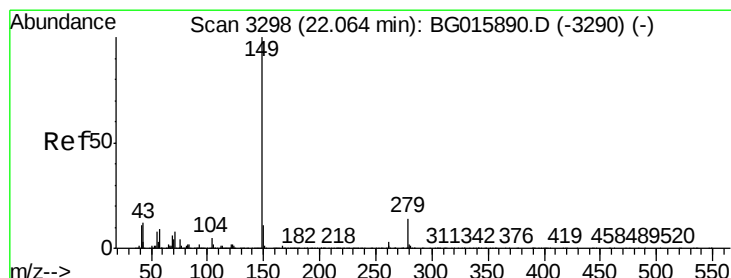
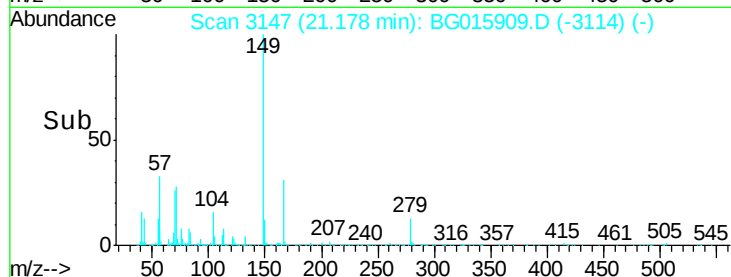
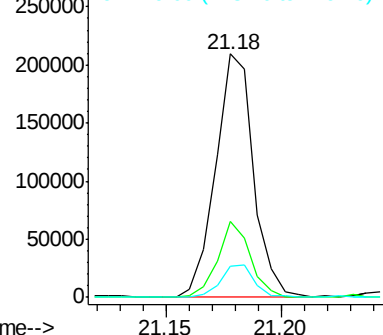
Ion	Ratio	Lower	Upper
149	100		
167	31.0	25.1	37.7
279	13.1	11.2	16.8



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: 30.40 ng

RT: 22.06 min Scan# 3297

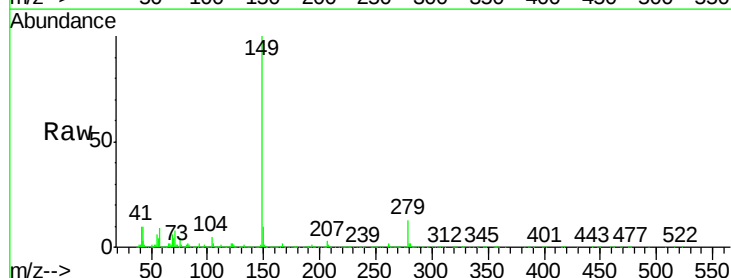
Delta R.T. -0.01 min

Lab File: BG015909.D

Acq: 21 Jan 2015 19:17

Tgt Ion:149 Resp: 1258592

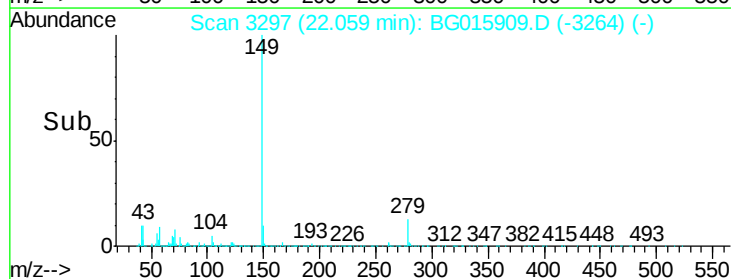
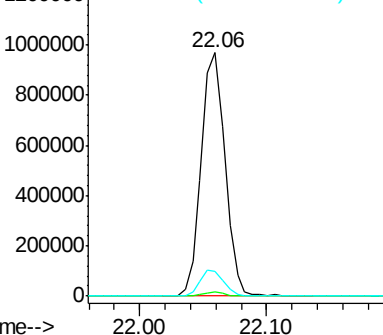
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	10.7	9.2	13.8

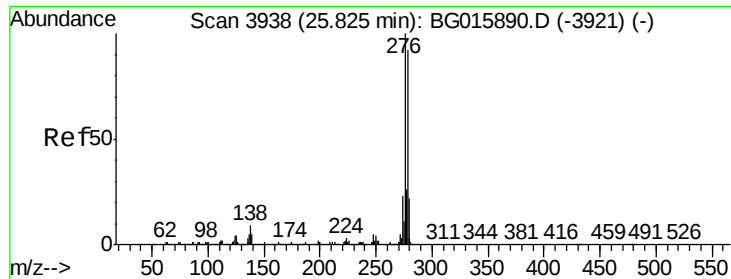


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





#85

Indeno(1,2,3-cd)pyrene

Concen: 17.68 ng

RT: 25.80 min Scan# 3934

Delta R.T. -0.03 min

Lab File: BG015909.D

Acq: 21 Jan 2015 19:17

Instrument :

BNA_G

ClientSampleId :

8024DL

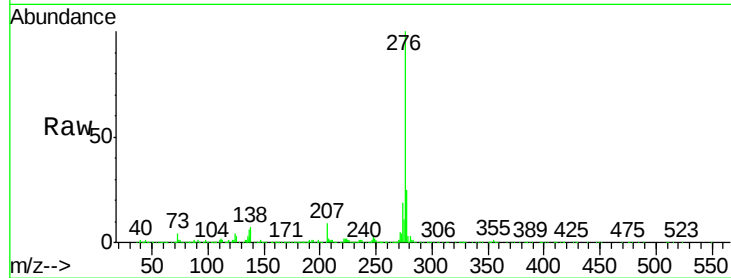
Tot Ion:276 Resp: 1183804

Ion Ratio Lower Upper

276 100

138 7.6 6.9 10.3

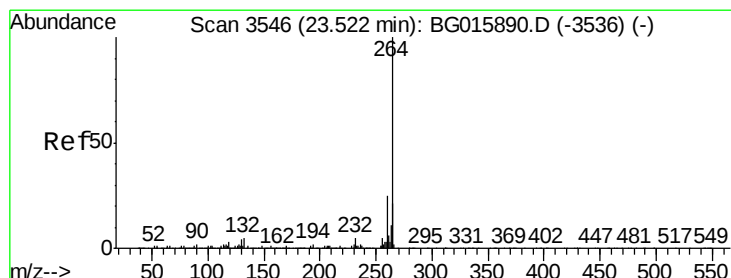
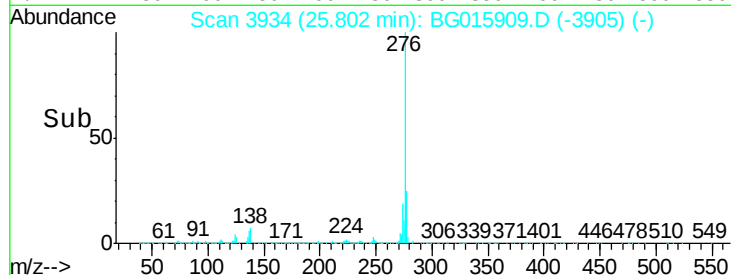
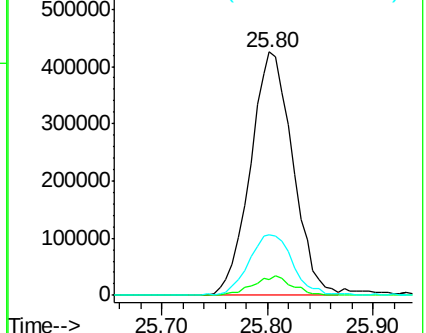
277 25.7 20.7 31.1



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# 3545

Delta R.T. -0.01 min

Lab File: BG015909.D

Acq: 21 Jan 2015 19:17

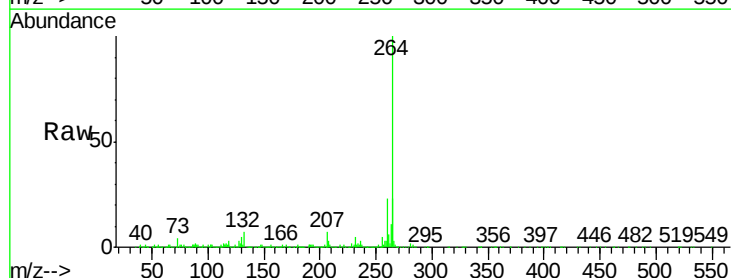
Tgt Ion:264 Resp: 1083735

Ion Ratio Lower Upper

264 100

260 23.3 19.7 29.5

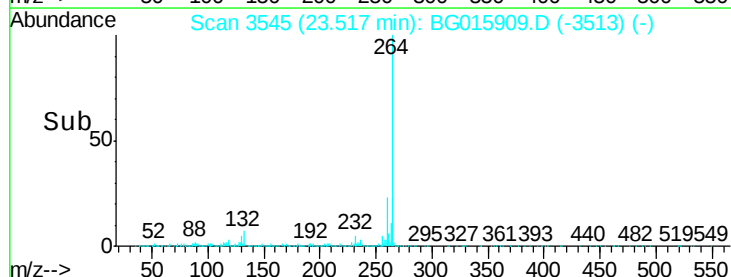
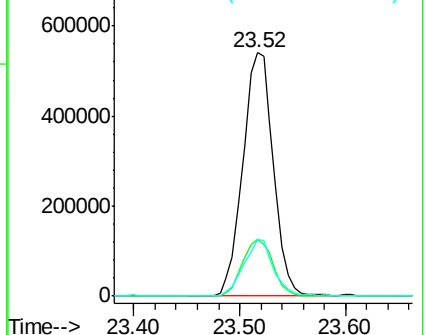
265 23.2 17.3 25.9

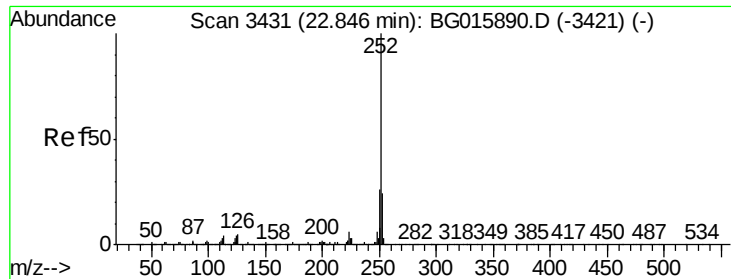


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 27.73 ng

RT: 22.84 min Scan# 3430

Delta R.T. -0.01 min

Lab File: BG015909.D

Acq: 21 Jan 2015 19:17

Instrument :

BNA_G

ClientSampleId :

8024DL

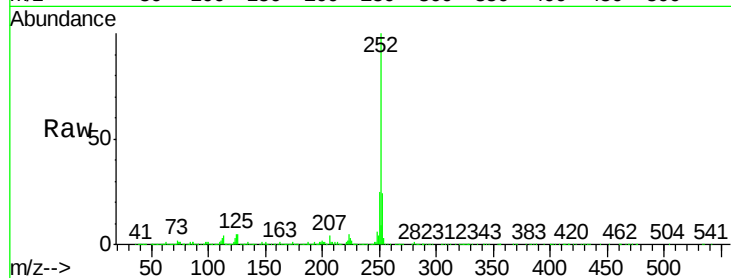
Tot Ion:252 Resp: 1715562

Ion Ratio Lower Upper

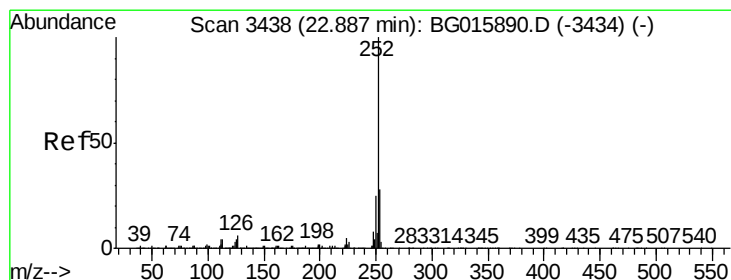
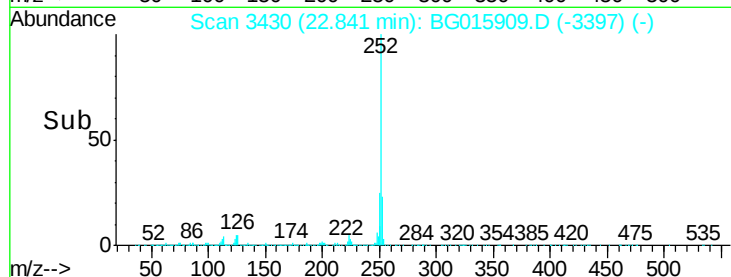
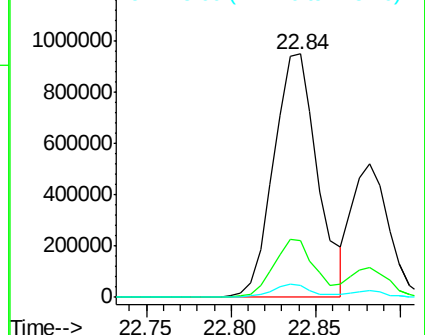
252 100

253 23.5 19.4 29.0

125 5.0 2.9 4.3#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 13.29 ng

RT: 22.88 min Scan# 3437

Delta R.T. -0.01 min

Lab File: BG015909.D

Acq: 21 Jan 2015 19:17

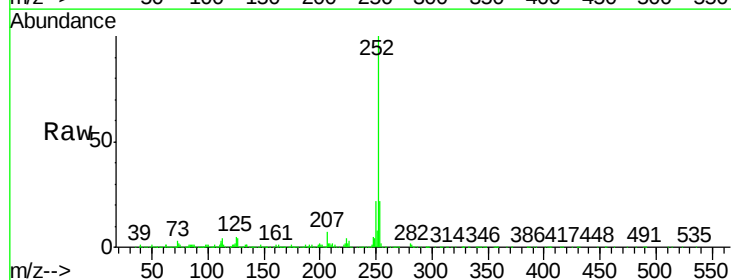
Tgt Ion:252 Resp: 795738

Ion Ratio Lower Upper

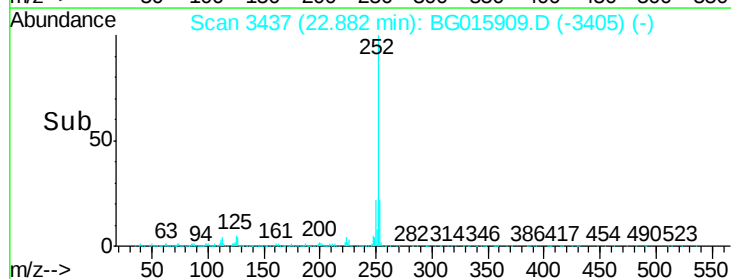
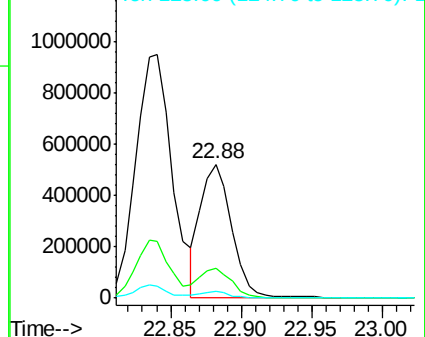
252 100

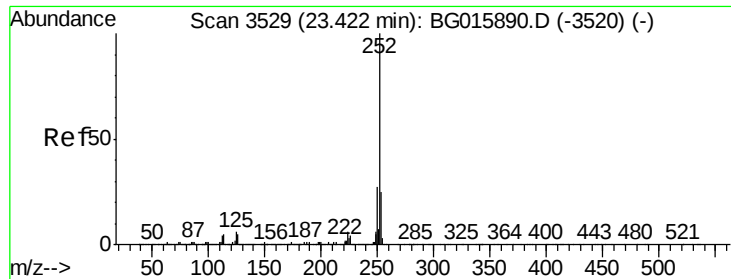
253 21.9 21.3 31.9

125 4.7 3.4 5.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 16.59 ng

RT: 23.42 min Scan# 3528

Delta R.T. -0.01 min

Lab File: BG015909.D

Acq: 21 Jan 2015 19:17

Instrument :

BNA_G

ClientSampleId :

8024DL

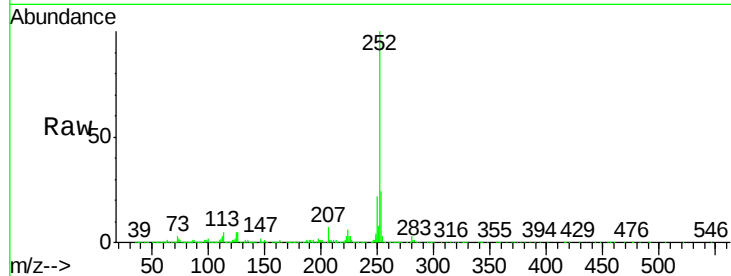
Tot Ion:252 Resp: 987643

Ion Ratio Lower Upper

252 100

253 23.7 19.9 29.9

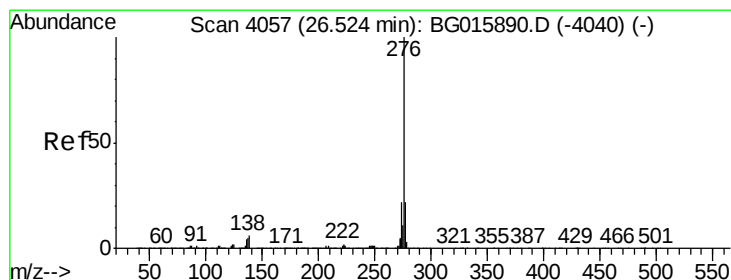
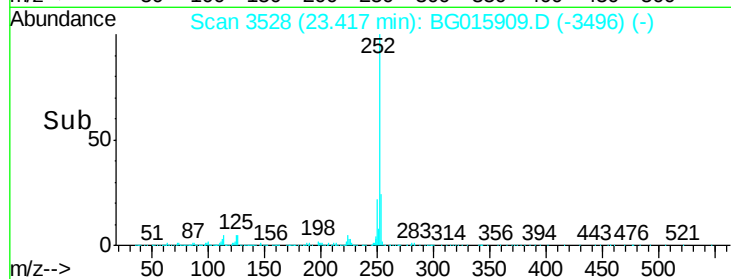
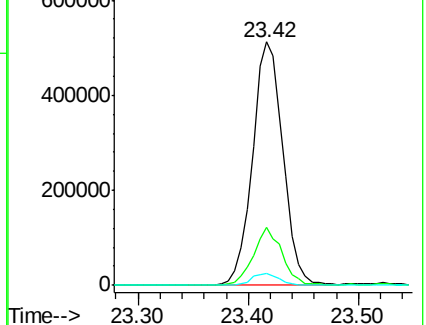
125 4.7 4.5 6.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Benzo(g,h,i)perylene

Concen: 27.80 ng

RT: 26.51 min Scan# 4055

Delta R.T. -0.03 min

Lab File: BG015909.D

Acq: 21 Jan 2015 19:17

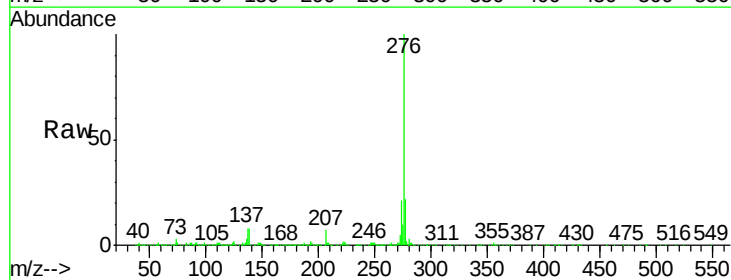
Tgt Ion:276 Resp: 1532320

Ion Ratio Lower Upper

276 100

277 21.9 17.2 25.8

138 8.1 5.0 7.6#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

