

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012115\
 Data File : BG015908.D
 Acq On : 21 Jan 2015 18:42
 Operator : TP/IZ
 Sample : G1100-18
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 8024

Quant Time: Jan 22 11:29:03 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	7.68	152	100064	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	443891	20.00	ng	0.00
38) Acenaphthene-d10	14.33	164	374096	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	940217	20.00	ng	0.00
75) Chrysene-d12	21.28	240	1188070	20.00	ng	0.00
86) Perylene-d12	23.54	264	1116942	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	1005775	149.68	ng	0.00
7) Phenol-d6	6.87	99	1687184	155.81	ng	0.00
23) Nitrobenzene-d5	8.84	82	1400676	90.96	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	1011995	147.77	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	2284089	95.80	ng	0.00
78) Terphenyl-d14	19.72	244	3748110	92.80	ng	0.00

Target Compounds

						Qvalue
10) Phenol	6.90	94	2358564	191.11	ng	89
11) bis(2-Chloroethyl)ether	7.12	93	1894168	198.62	ng	92
12) 1,3-Dichlorobenzene	7.57	146	1648786	216.09	ng	97
13) 1,4-Dichlorobenzene	7.72	146	1819841	231.00	ng	92
14) 1,2-Dichlorobenzene	8.04	146	1209170	156.63	ng	95
26) 2-Nitrophenol	9.59	139	315296	78.60	ng	86
28) bis(2-Chloroethoxy)methane	9.89	93	1811650	137.44	ng	100
30) 1,2,4-Trichlorobenzene	10.34	180	2393866	246.30	ng	# 96
31) Naphthalene	10.52	128	3089729	136.00	ng	# 93
34) Hexachlorobutadiene	10.80	225	1377555	144.90	ng	91
36) 4-Chloro-3-methylphenol	11.78	107	2688959	228.09	ng	# 88
37) 2-Methylnaphthalene	12.15	142	3480540	192.90	ng	97
42) 2,4,6-Trichlorophenol	12.77	196	2356885m	282.03	ng	
43) 2,4,5-Trichlorophenol	12.84	196	923929	97.80	ng	98
46) 2-Chloronaphthalene	13.21	162	980303	49.17	ng	94
48) Acenaphthylene	14.06	152	5377879m	177.62	ng	
49) Dimethylphthalate	13.81	163	2750683	102.18	ng	# 95
50) 2,6-Dinitrotoluene	13.94	165	1926128	316.94	ng	97
51) Acenaphthene	14.41	154	3501436	184.08	ng	# 88
55) 4-Nitrophenol	14.58	139	564124	143.41	ng	93
56) 2,4-Dinitrotoluene	14.72	165	1724970	193.99	ng	# 88
57) Fluorene	15.39	166	3094645	109.30	ng	# 94
59) Diethylphthalate	15.17	149	3659870	133.15	ng	# 67
60) 4-Chlorophenyl-phenylether	15.39	204	4426873	235.09	ng	# 54
66) 4-Bromophenyl-phenylether	16.27	248	774252	56.39	ng	91
67) Hexachlorobenzene	16.39	284	938450	63.23	ng	97
69) Pentachlorophenol	16.74	266	2022788	174.28	ng	87
71) Anthracene	17.22	178	4128804	89.20	ng	# 73
74) Fluoranthene	19.15	202	4781433	75.90	ng	# 60
77) Pyrene	19.52	202	5736802m	101.61	ng	
79) Butylbenzylphthalate	20.42	149	3466161	167.45	ng	# 84
80) Benzo(a)anthracene	21.26	228	5626446	Below	Cal	# 37
82) Chrysene	21.31	228	4513038	Below	Cal	# 46
83) Bis(2-ethylhexyl)phthalate	21.19	149	2151461	77.30	ng	# 90

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Response via : Initial Calibration

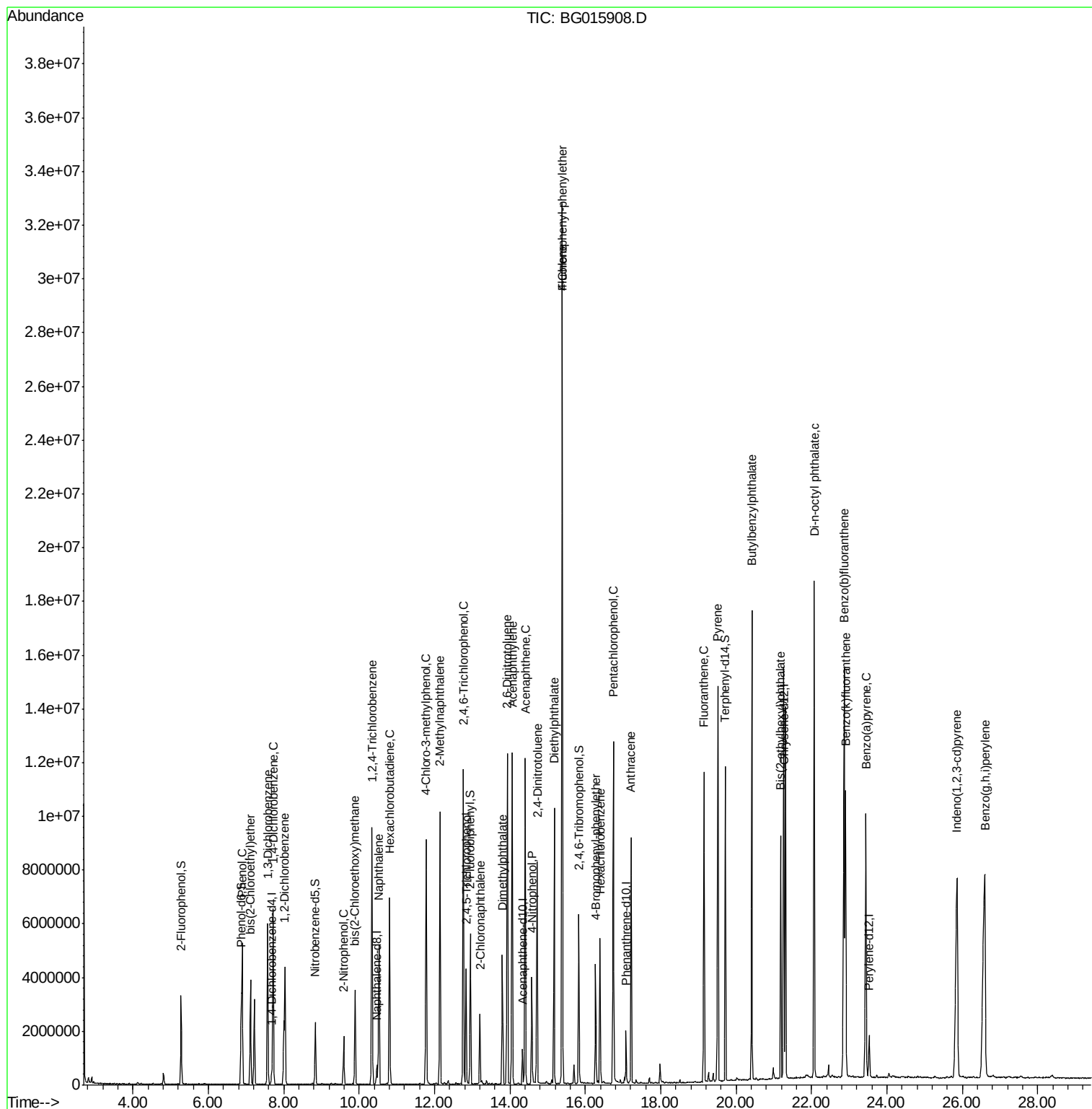
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) Di-n-octyl phthalate	22.07	149	5832266	135.44	nq	# 70
85) Indeno(1,2,3-cd)pyrene	25.87	276	9890837	141.99	nq	# 89
87) Benzo(b)fluoranthene	22.87	252	8585963m	134.67	nq	
88) Benzo(k)fluoranthene	22.91	252	4194847	67.97	nq	# 61
89) Benzo(a)pyrene	23.45	252	6611350	107.77	nq	# 65
91) Benzo(a,h,i)perylene	26.60	276	12251272	215.63	nq	# 63

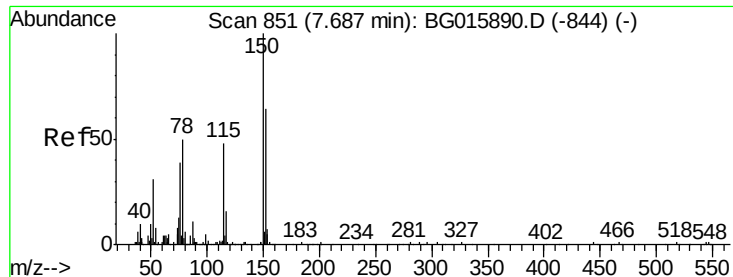
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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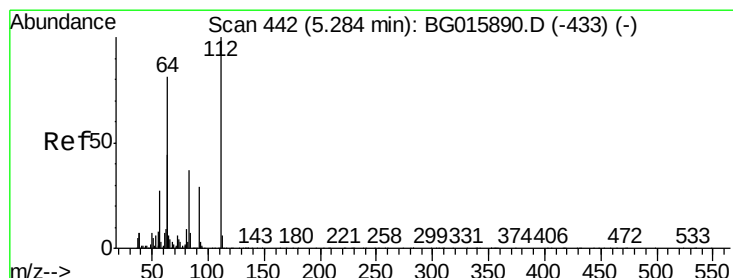
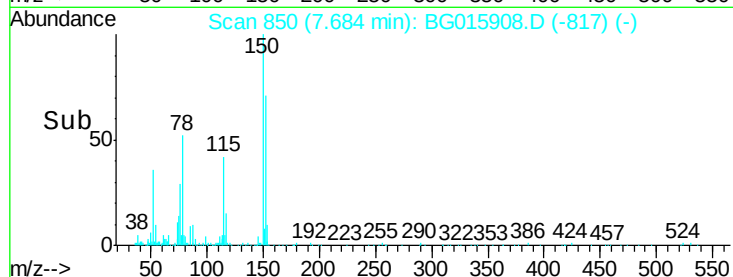
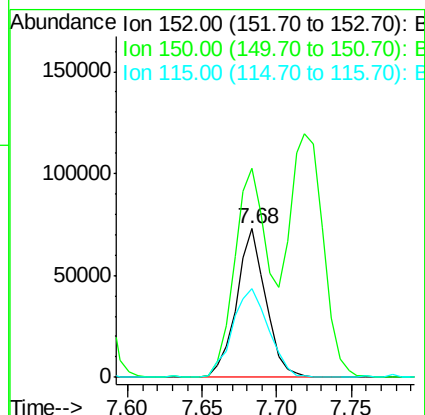
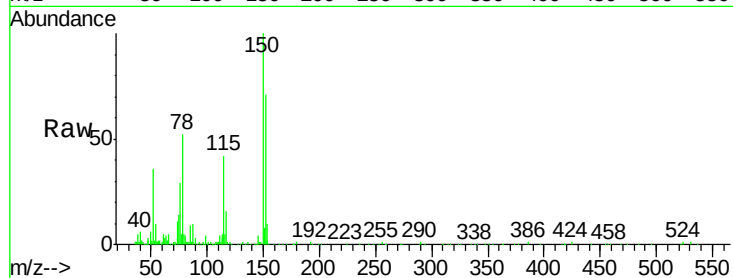


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.68 min Scan# 850
Delta R.T. -0.00 min
Lab File: BG015908.D
Acq: 21 Jan 2015 18:42

Instrument :
BNA_G
ClientSampleId :
8024

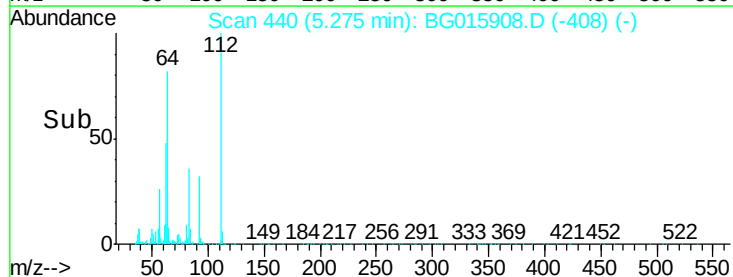
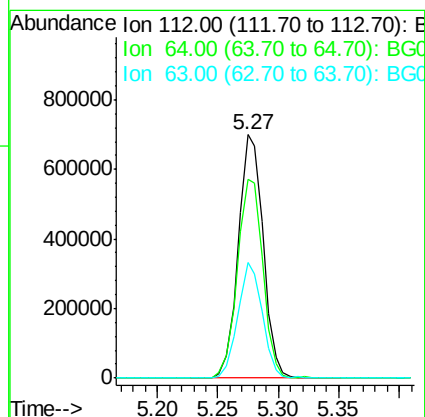
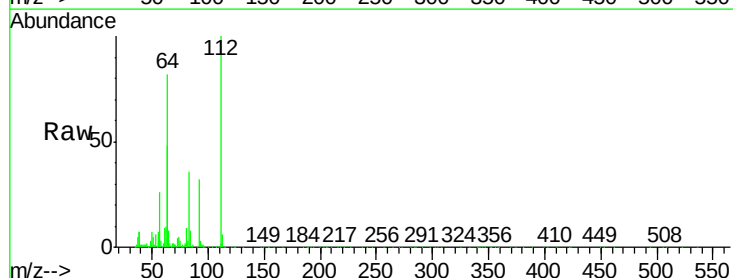
Tot Ion	Ratio	Lower	Upper
152	100		
150	140.4	124.5	186.7
115	59.3	60.4	90.6

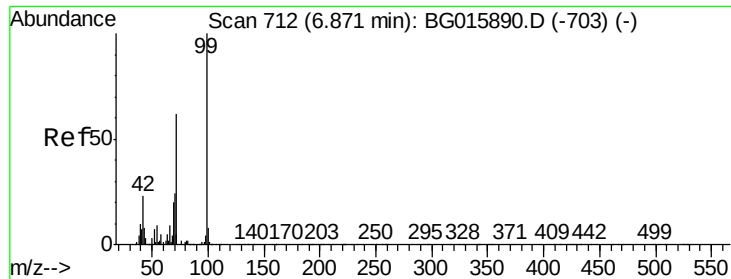


#5

2-Fluorophenol
Concen: 149.68 ng
RT: 5.27 min Scan# 440
Delta R.T. -0.01 min
Lab File: BG015908.D
Acq: 21 Jan 2015 18:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	81.7	64.4	96.6
63	47.6	35.1	52.7





#7

Phenol-d6

Concen: 155.81 ng

RT: 6.87 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG015908.D

Acq: 21 Jan 2015 18:42

Instrument :

BNA_G

ClientSampleId :

8024

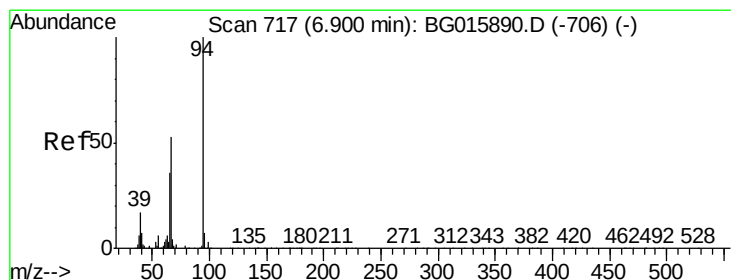
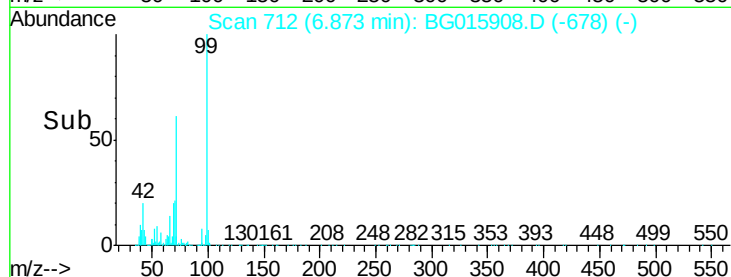
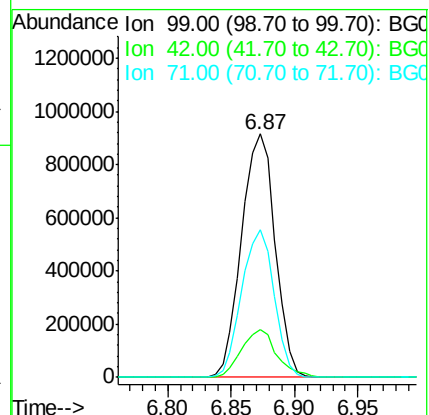
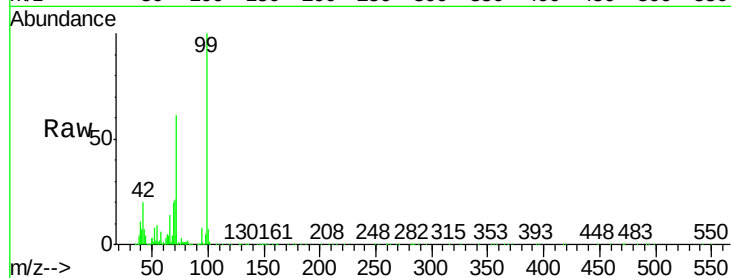
Tot Ion: 99 Resp: 1687184

Ion	Ratio	Lower	Upper
99	100		
42	19.6	18.1	27.1
71	60.7	49.8	74.8

99 100

42 19.6 18.1 27.1

71 60.7 49.8 74.8



#10

Phenol

Concen: 191.11 ng

RT: 6.90 min Scan# 717

Delta R.T. 0.00 min

Lab File: BG015908.D

Acq: 21 Jan 2015 18:42

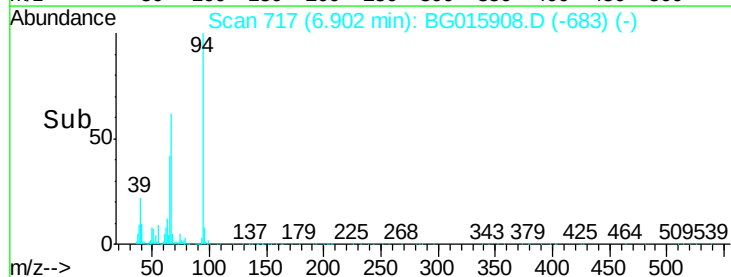
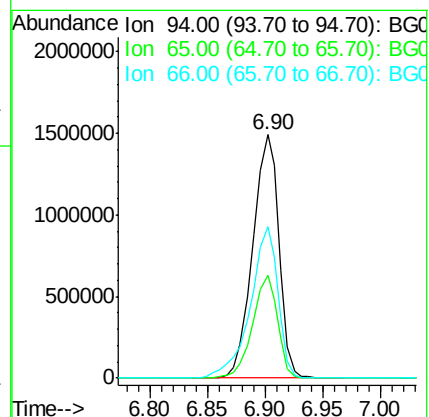
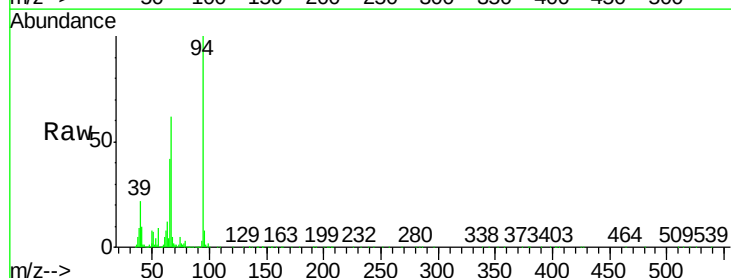
Tgt Ion: 94 Resp: 2358564

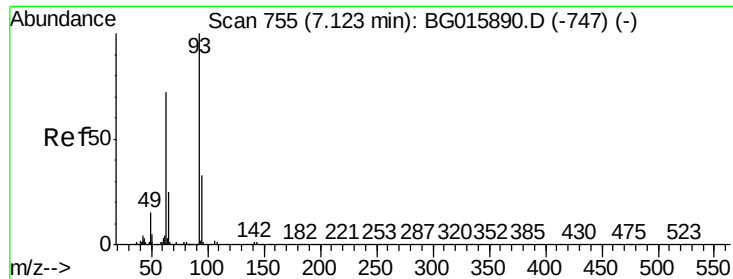
Ion	Ratio	Lower	Upper
94	100		
65	42.1	16.5	56.5
66	62.0	33.3	73.3

94 100

65 42.1 16.5 56.5

66 62.0 33.3 73.3



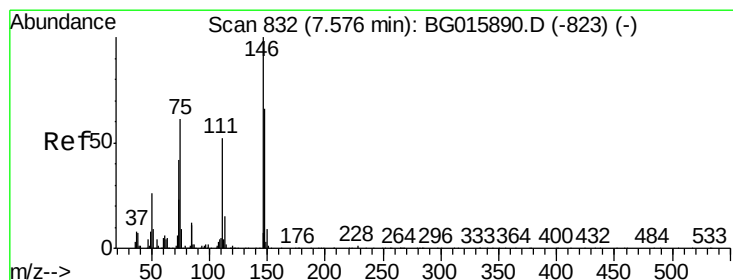
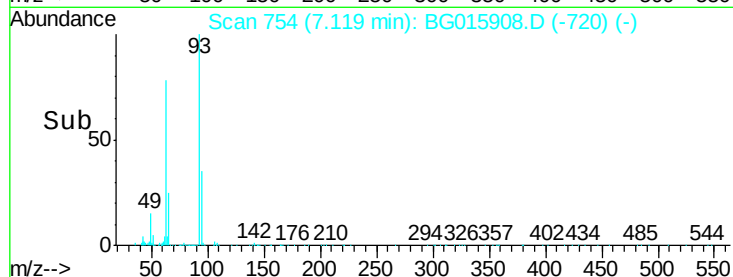
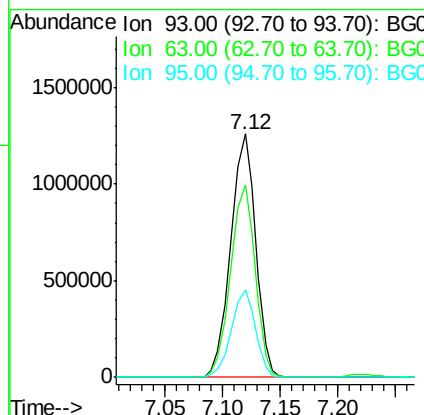
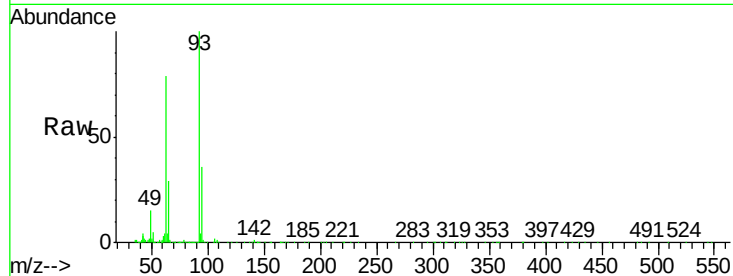


#11
bis(2-Chloroethyl)ether
Concen: 198.62 ng
RT: 7.12 min Scan# 754
Delta R.T. 0.00 min
Lab File: BG015908.D
Acq: 21 Jan 2015 18:42

Instrument :
BNA_G
ClientSampleId :
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Tot Ion: 93 Resp: 1894168

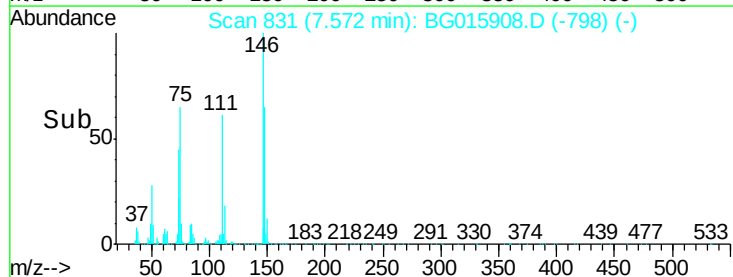
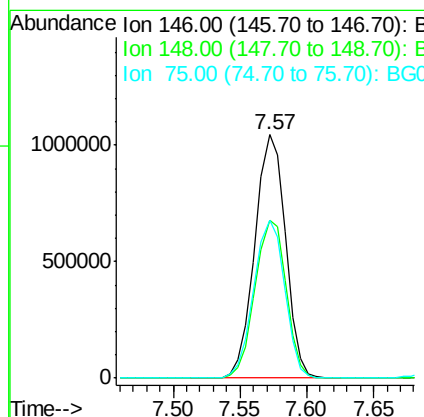
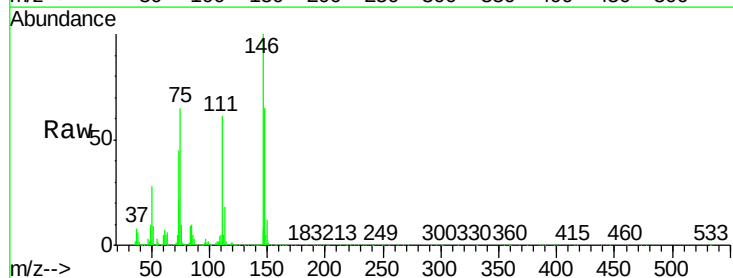
Ion	Ratio	Lower	Upper
93	100		
63	79.1	51.7	91.7
95	36.1	12.7	52.7

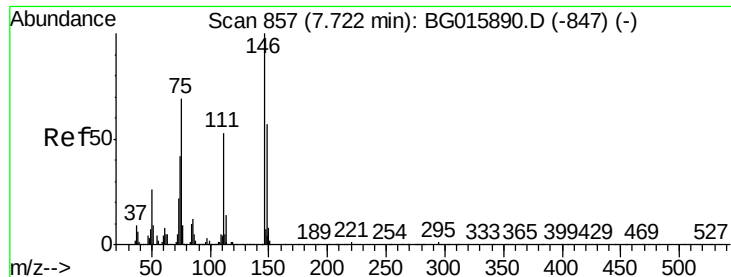


#12
1,3-Dichlorobenzene
Concen: 216.09 ng
RT: 7.57 min Scan# 831
Delta R.T. -0.00 min
Lab File: BG015908.D
Acq: 21 Jan 2015 18:42

Tgt Ion: 146 Resp: 1648786

Ion	Ratio	Lower	Upper
146	100		
148	64.7	53.0	79.4
75	64.7	48.6	72.8

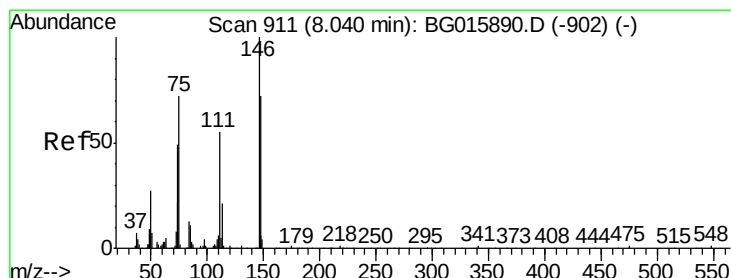
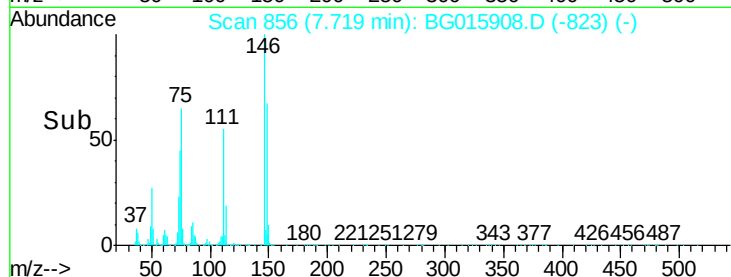
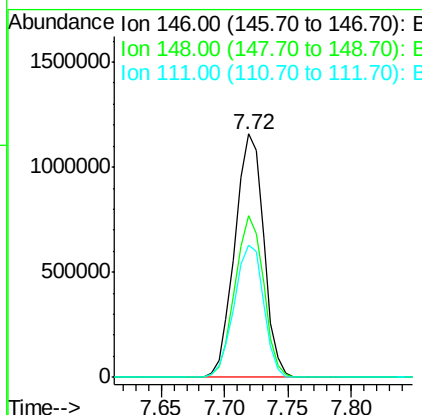
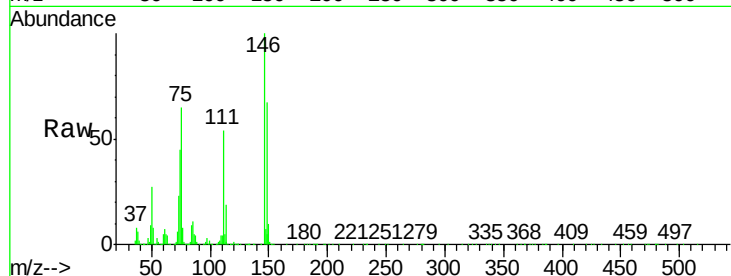




#13
 1,4-Dichlorobenzene
 Concen: 231.00 ng
 RT: 7.72 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: BG015908.D
 Acq: 21 Jan 2015 18:42

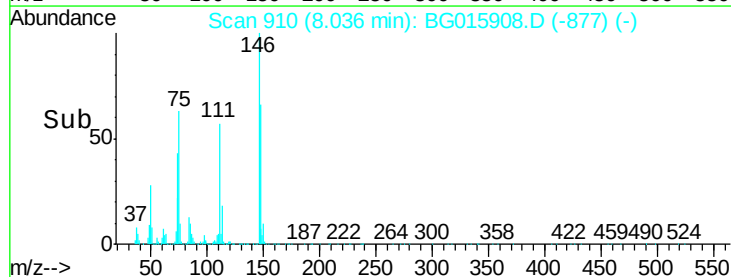
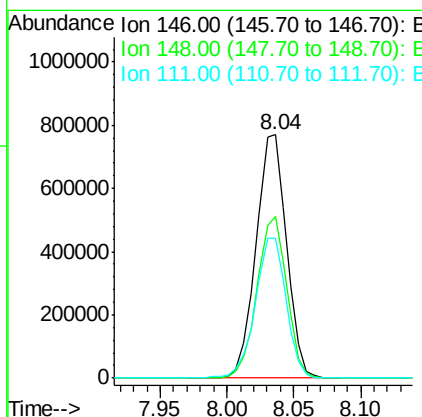
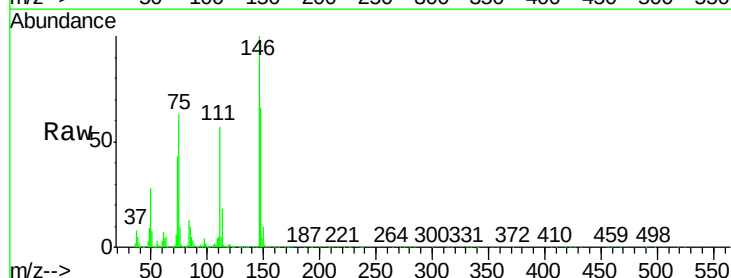
Instrument :
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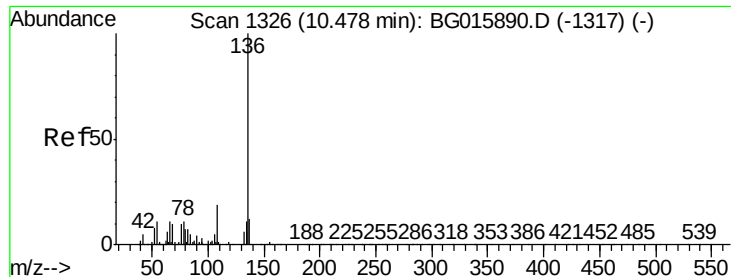
Tot Ion:146 Resp: 1819841
 Ion Ratio Lower Upper
 146 100
 148 66.6 45.7 68.5
 111 54.5 42.1 63.1



#14
 1,2-Dichlorobenzene
 Concen: 156.63 ng
 RT: 8.04 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: BG015908.D
 Acq: 21 Jan 2015 18:42

Tgt Ion:146 Resp: 1209170
 Ion Ratio Lower Upper
 146 100
 148 66.4 57.7 86.5
 111 57.2 44.6 66.8

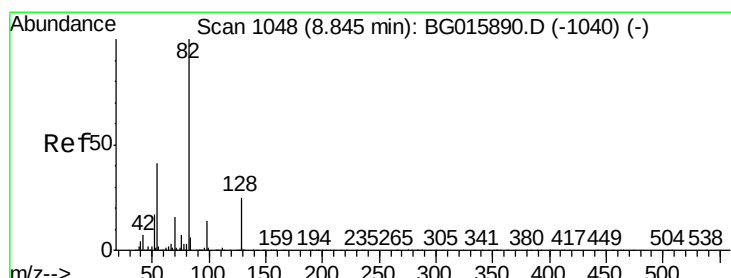
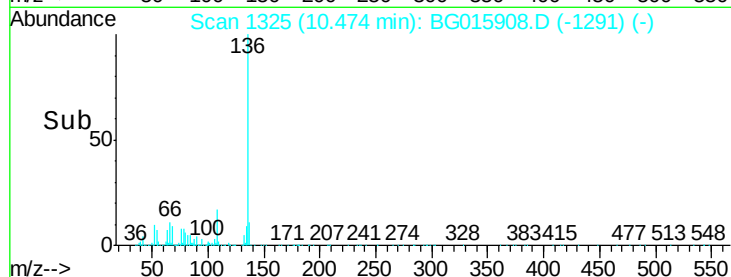
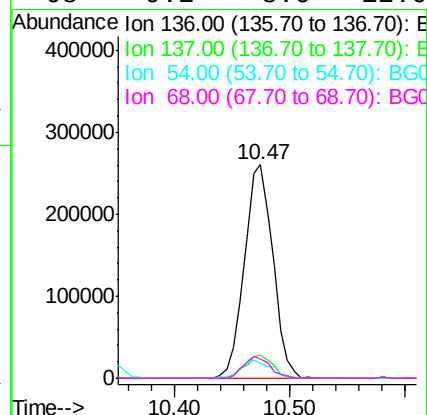
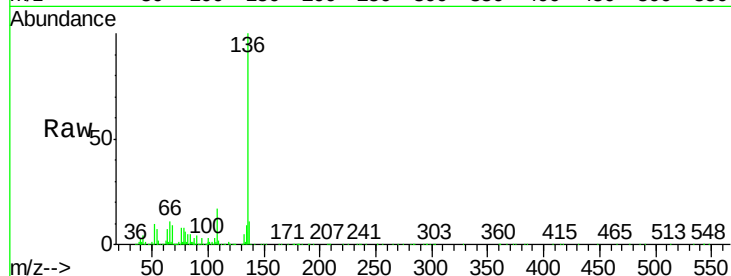




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.47 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BG015908.D
Acq: 21 Jan 2015 18:42

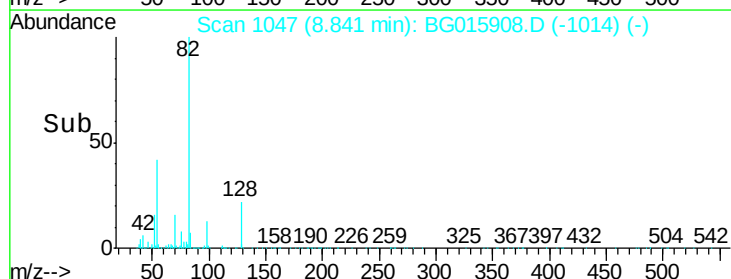
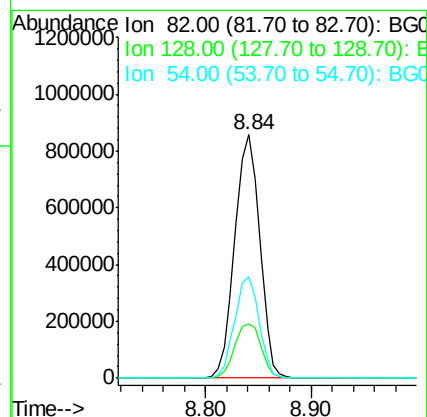
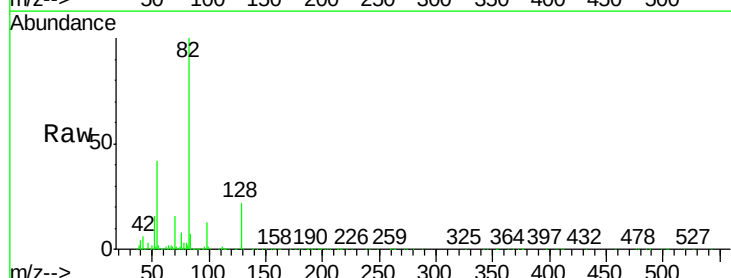
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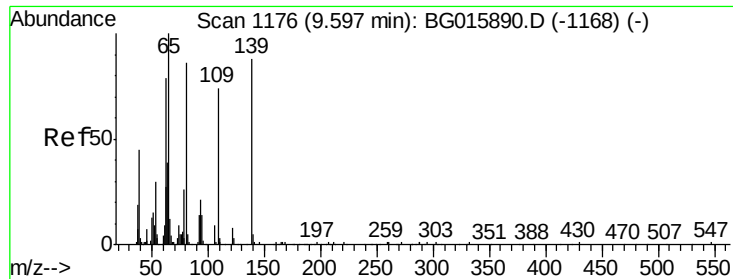
Tot Ion:136	Resp:	443891
Ion Ratio	Lower	Upper
136 100		
137 10.8	9.7	14.5
54 7.5	8.5	12.7#
68 9.2	8.0	12.0



#23
Nitrobenzene-d5
Concen: 90.96 ng
RT: 8.84 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG015908.D
Acq: 21 Jan 2015 18:42

Tgt Ion: 82	Resp: 1400676
Ion Ratio	Lower Upper
82 100	
128 22.2	19.8 29.8
54 41.7	33.0 49.4

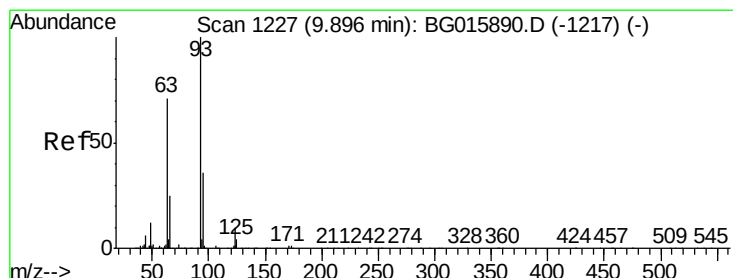
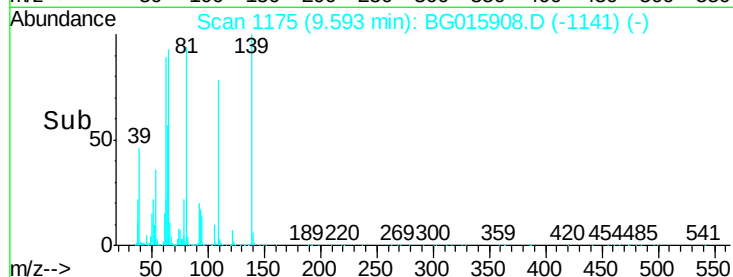
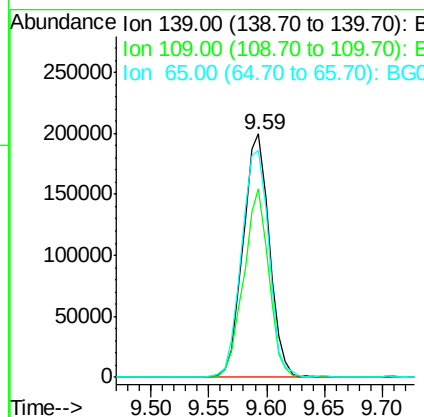
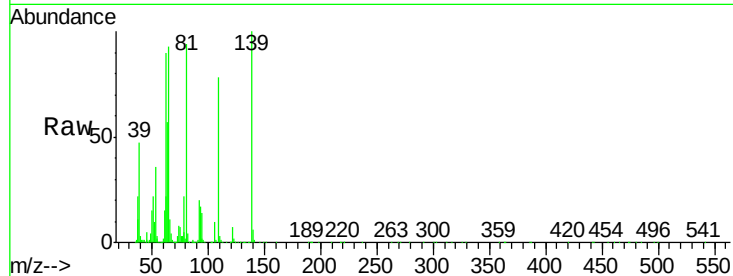




#26
2-Nitrophenol
Concen: 78.60 ng
RT: 9.59 min Scan# 1175
Delta R.T. 0.00 min
Lab File: BG015908.D
Acq: 21 Jan 2015 18:42

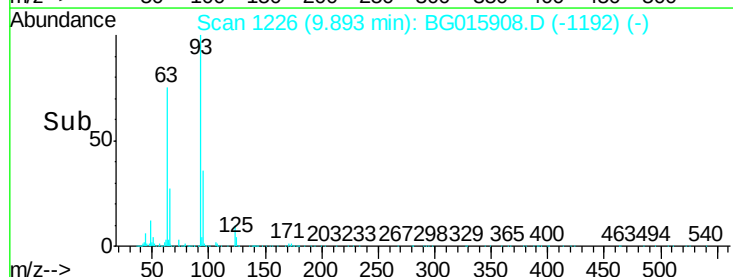
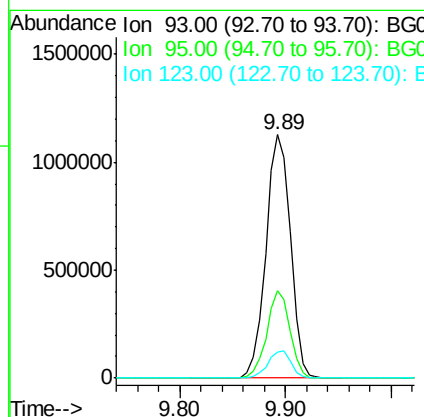
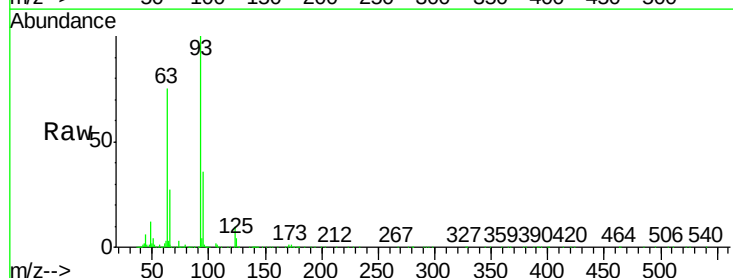
Instrument :
BNA_G
ClientSampled :
8024

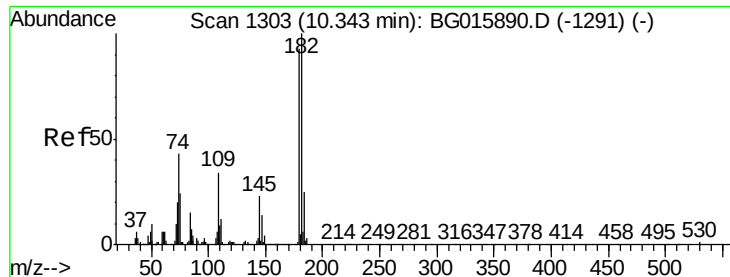
Tot Ion:139 Resp: 315296
Ion Ratio Lower Upper
139 100
109 77.6 67.2 100.8
65 93.1 91.3 136.9



#28
bis(2-Chloroethoxy)methane
Concen: 137.44 ng
RT: 9.89 min Scan# 1226
Delta R.T. 0.00 min
Lab File: BG015908.D
Acq: 21 Jan 2015 18:42

Tgt Ion: 93 Resp: 1811650
Ion Ratio Lower Upper
93 100
95 35.7 28.6 42.8
123 10.5 7.9 11.9

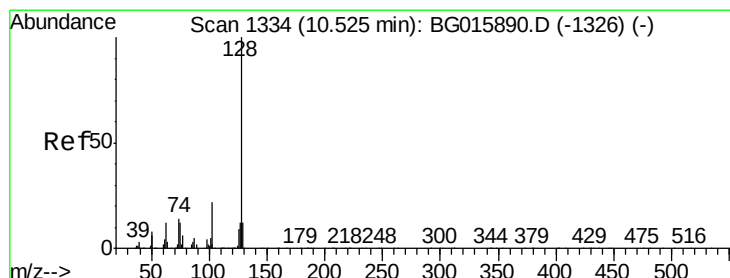
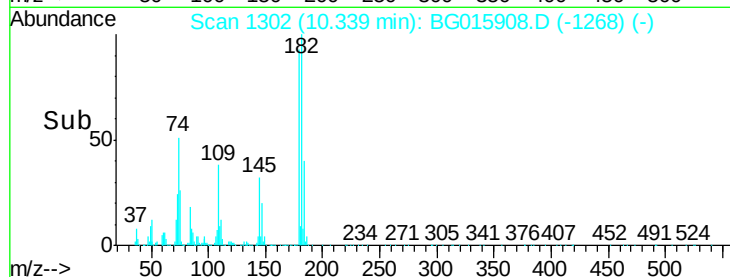
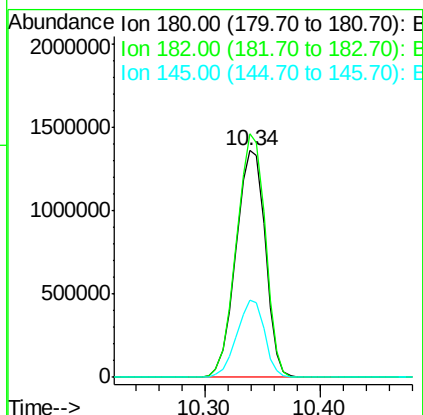
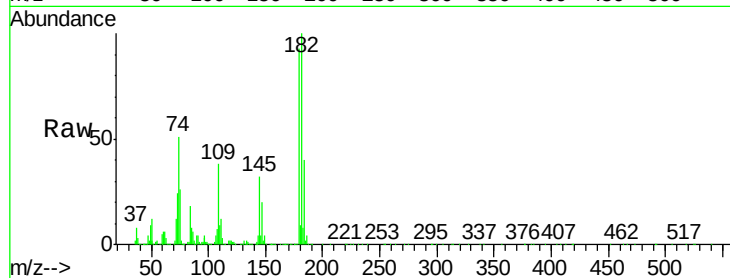




#30
1,2,4-Trichlorobenzene
Concen: 246.30 ng
RT: 10.34 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BG015908.D
Acq: 21 Jan 2015 18:42

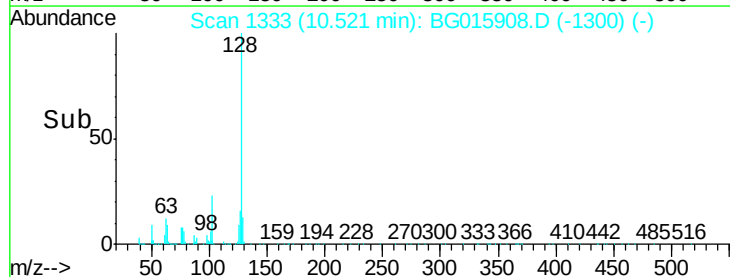
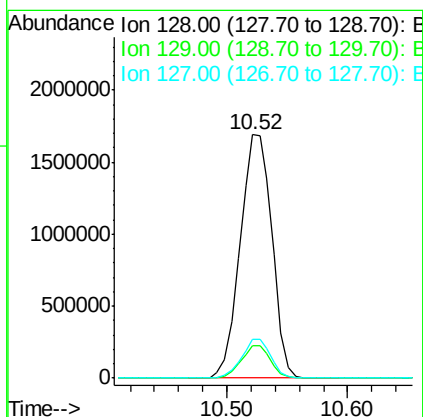
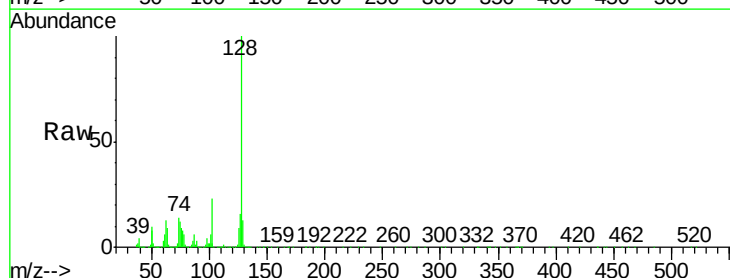
Instrument :
BNA_G
ClientSampleId :
8024

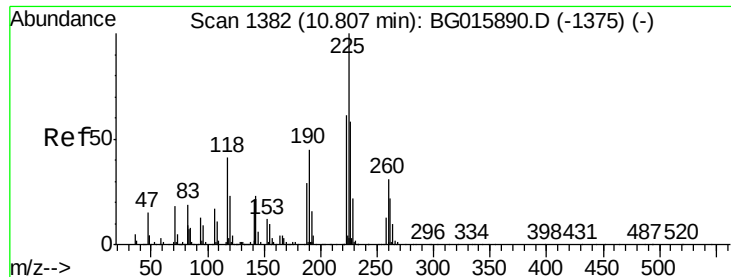
Tot Ion:180 Resp: 2393866
Ion Ratio Lower Upper
180 100
182 107.5 86.4 129.6
145 34.3 20.1 30.1#



#31
Naphthalene
Concen: 136.00 ng
RT: 10.52 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BG015908.D
Acq: 21 Jan 2015 18:42

Tgt Ion:128 Resp: 3089729
Ion Ratio Lower Upper
128 100
129 13.3 9.7 14.5
127 16.1 9.8 14.6#

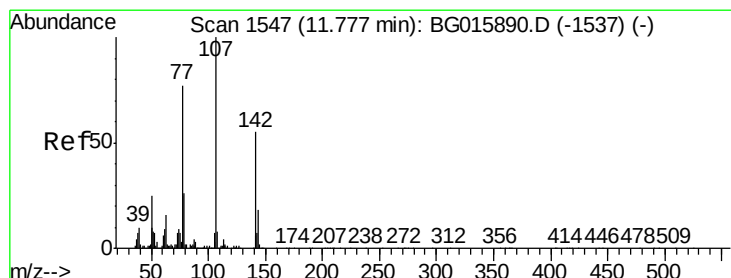
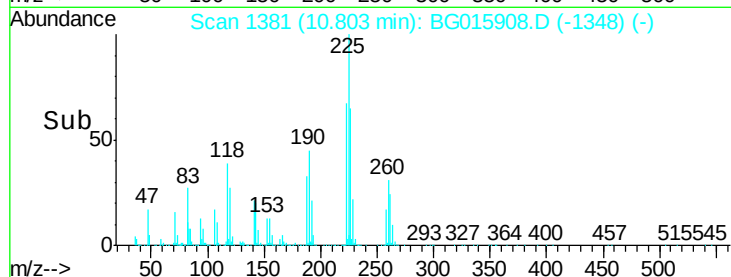
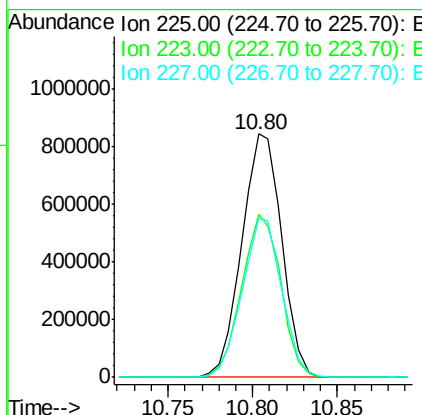
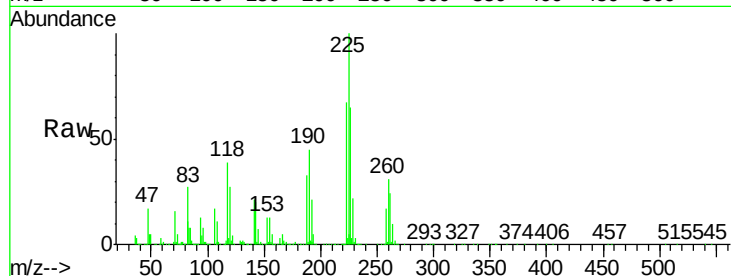




#34
Hexachlorobutadiene
Concen: 144.90 ng
RT: 10.80 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BG015908.D
Acq: 21 Jan 2015 18:42

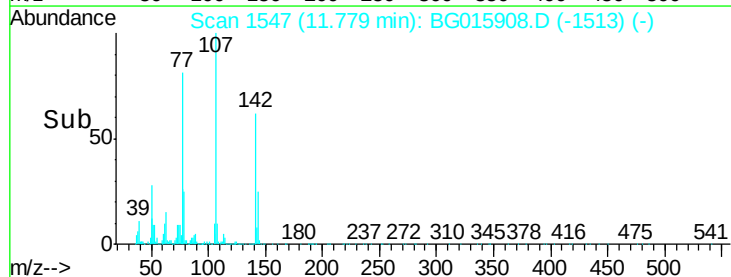
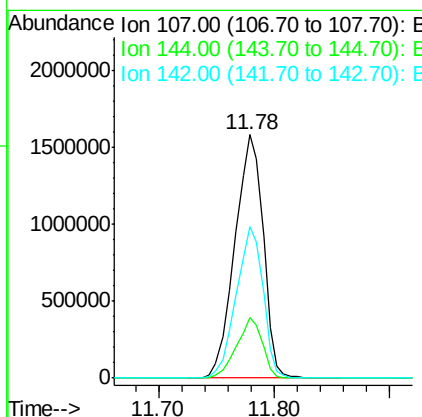
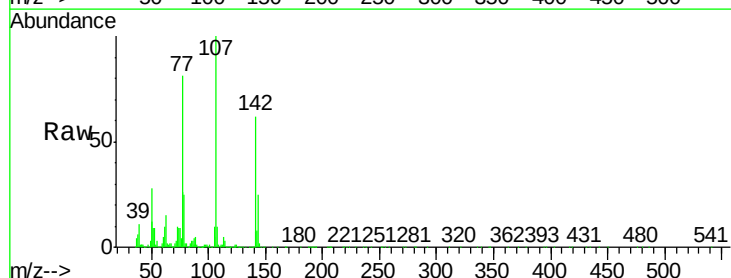
Instrument :
BNA_G
ClientSampleId :
8024

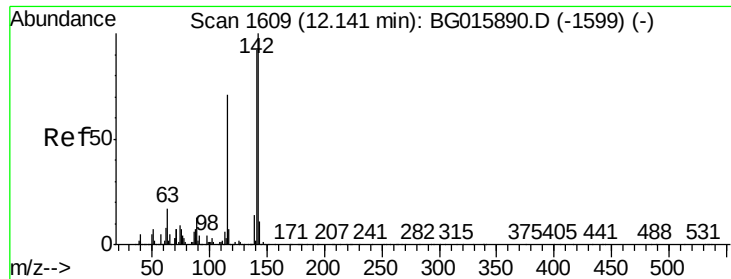
Tot Ion:225 Resp: 1377555
Ion Ratio Lower Upper
225 100
223 67.3 49.9 74.9
227 65.5 45.3 67.9



#36
4-Chloro-3-methylphenol
Concen: 228.09 ng
RT: 11.78 min Scan# 1547
Delta R.T. 0.00 min
Lab File: BG015908.D
Acq: 21 Jan 2015 18:42

Tgt Ion:107 Resp: 2688959
Ion Ratio Lower Upper
107 100
144 24.7 14.6 22.0#
142 62.3 43.8 65.6

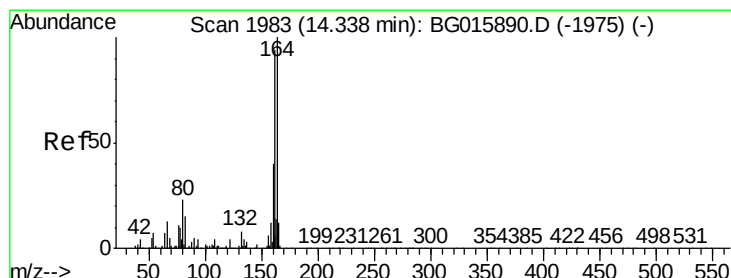
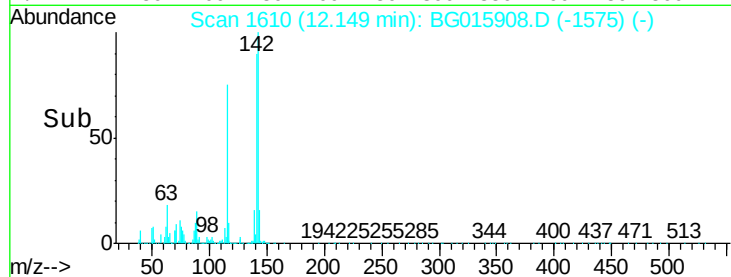
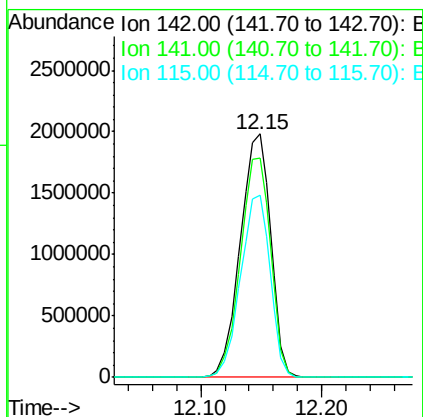
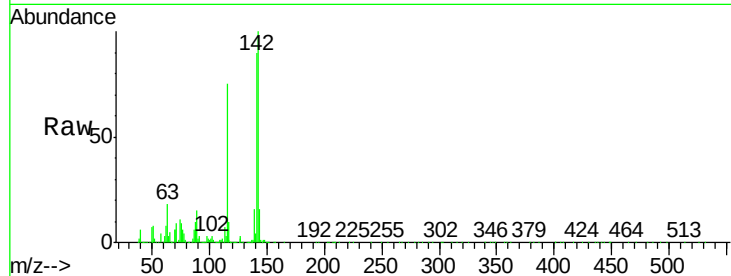




#37
2-Methylnaphthalene
Concen: 192.90 ng
RT: 12.15 min Scan# 1610
Delta R.T. 0.01 min
Lab File: BG015908.D
Acq: 21 Jan 2015 18:42

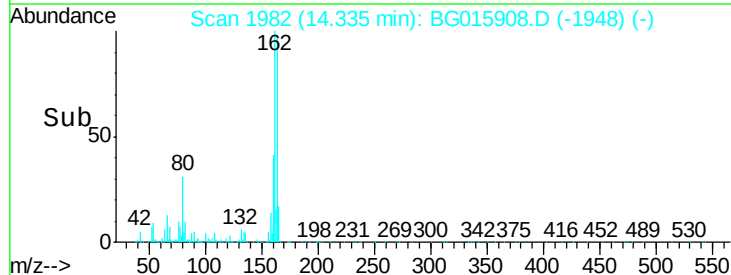
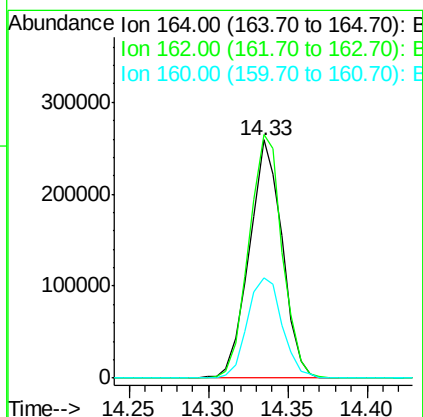
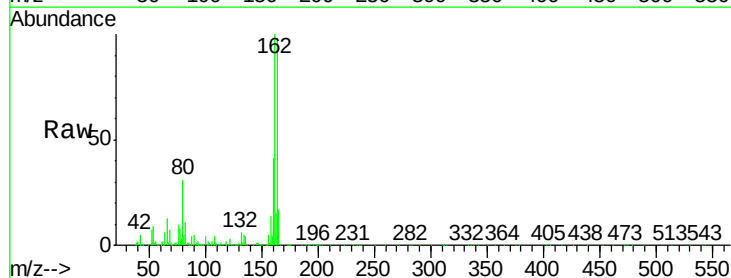
Instrument :
BNA_G
ClientSampleId :
8024

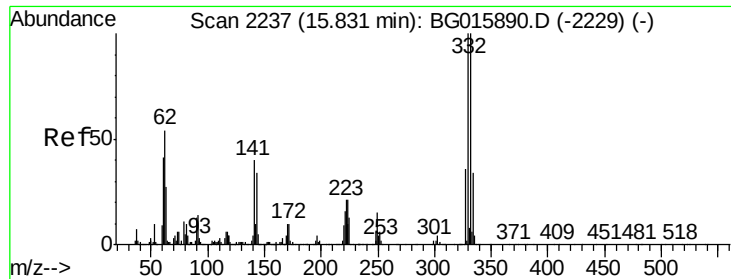
Tot Ion:142 Resp: 3480540
Ion Ratio Lower Upper
142 100
141 90.2 73.8 110.8
115 74.8 56.6 84.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.33 min Scan# 1982
Delta R.T. 0.00 min
Lab File: BG015908.D
Acq: 21 Jan 2015 18:42

Tgt Ion:164 Resp: 374096
Ion Ratio Lower Upper
164 100
162 102.2 75.1 112.7
160 42.1 32.3 48.5



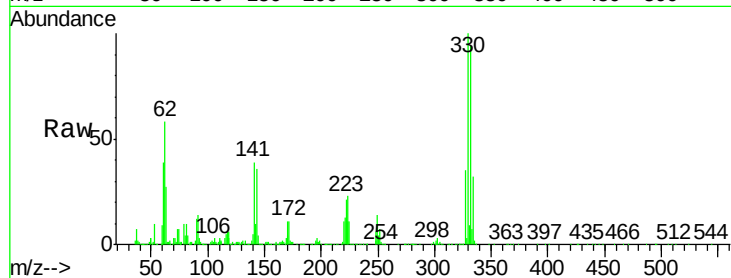


#41
 2,4,6-Tribromophenol
 Concen: 147.77 ng
 RT: 15.83 min Scan# 2237
 Delta R.T. 0.01 min
 Lab File: BG015908.D
 Acq: 21 Jan 2015 18:42

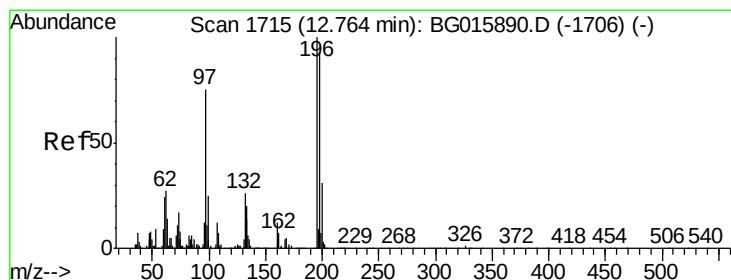
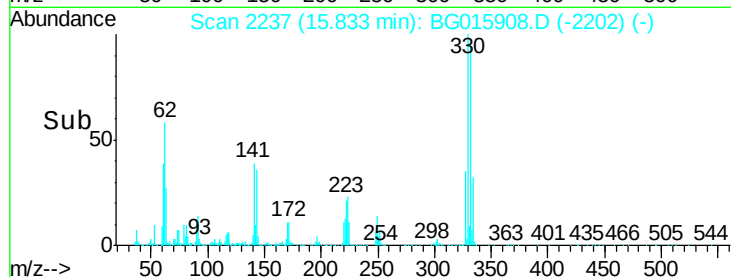
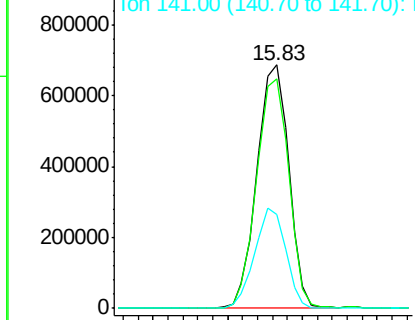
Instrument :
 BNA_G
 ClientSampleId :
 8024

Tot Ion:330 Resp: 1011995

Ion	Ratio	Lower	Upper
330	100		
332	95.6	75.4	113.0
141	40.1	33.0	49.6



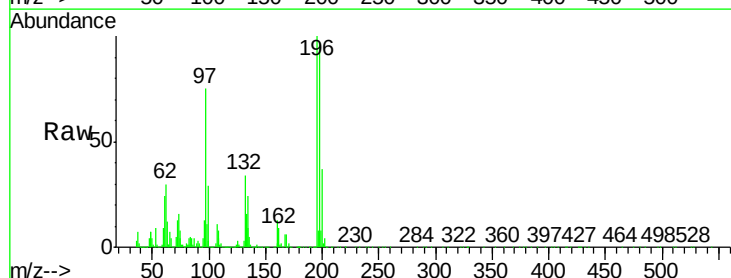
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



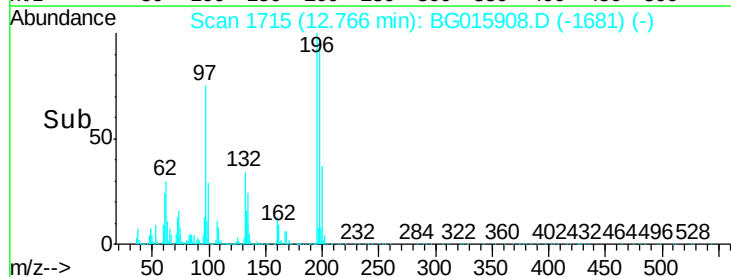
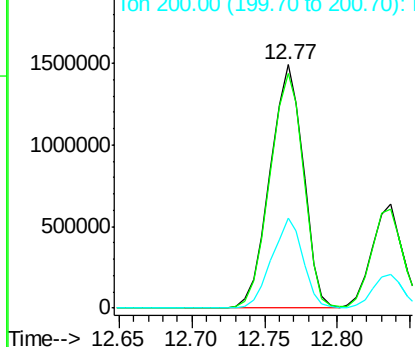
#42
 2,4,6-Trichlorophenol
 Concen: 282.03 ng m
 RT: 12.77 min Scan# 1715
 Delta R.T. 0.00 min
 Lab File: BG015908.D
 Acq: 21 Jan 2015 18:42

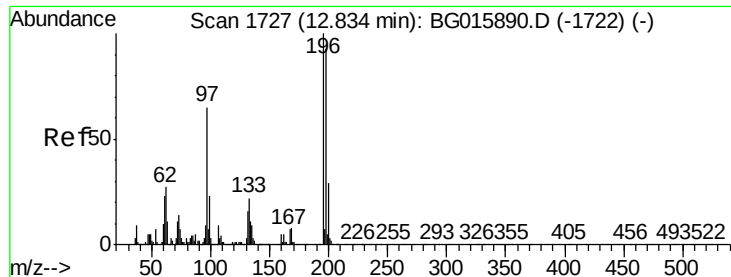
Tgt Ion:196 Resp: 2356885

Ion	Ratio	Lower	Upper
196	100		
198	96.5	74.1	111.1
200	37.0	24.6	37.0



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

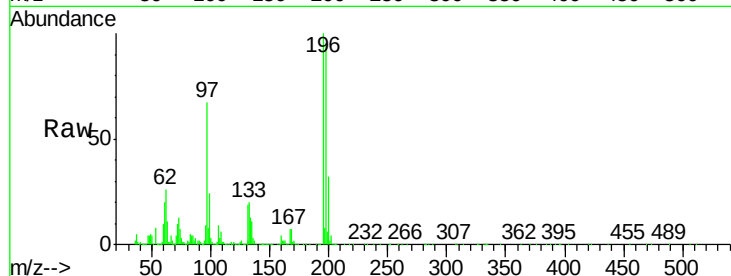




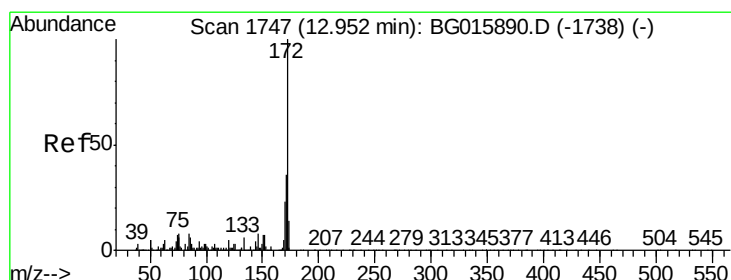
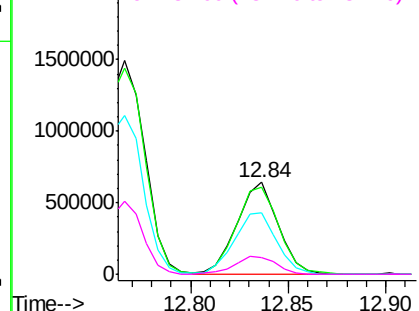
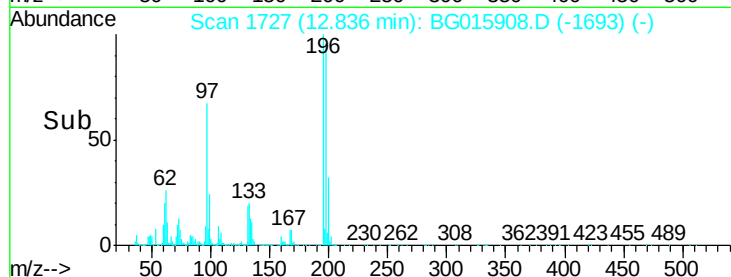
#43
2,4,5-Trichlorophenol
Concen: 97.80 ng
RT: 12.84 min Scan# 1727
Delta R.T. 0.00 min
Lab File: BG015908.D
Acq: 21 Jan 2015 18:42

Instrument :
BNA_G
ClientSampleId :
8024

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.1	74.7	112.1
97	67.0	52.5	78.7
132	18.7	12.8	19.2

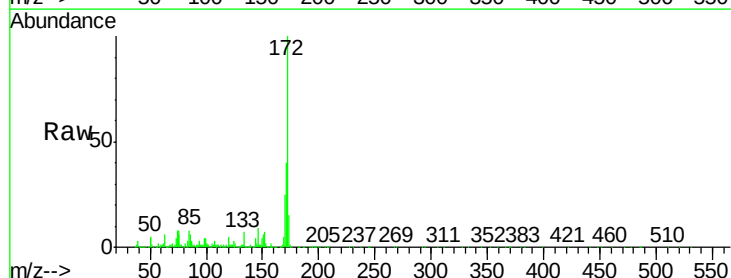


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E

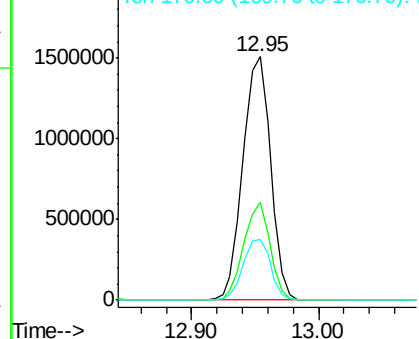
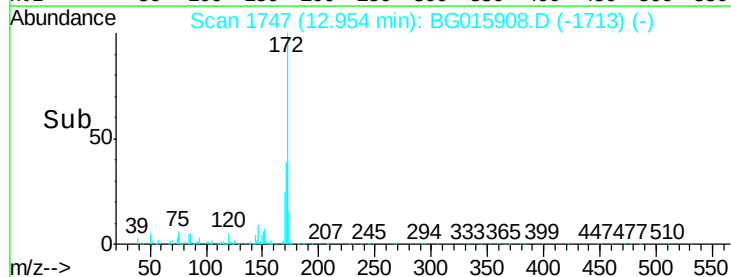


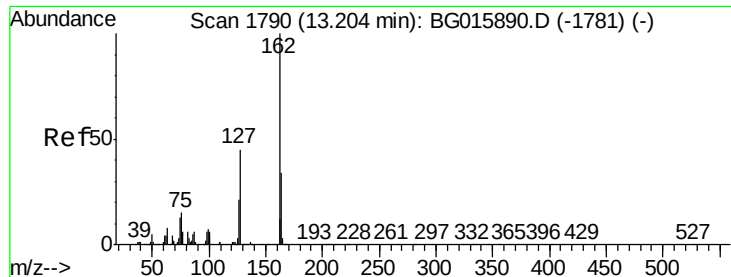
#44
2-Fluorobiphenyl
Concen: 95.80 ng
RT: 12.95 min Scan# 1747
Delta R.T. 0.00 min
Lab File: BG015908.D
Acq: 21 Jan 2015 18:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.0	29.2	43.8
170	25.1	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

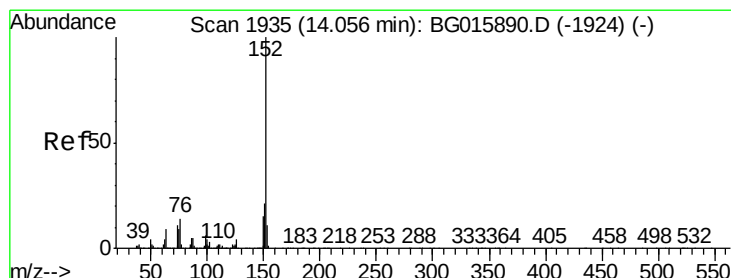
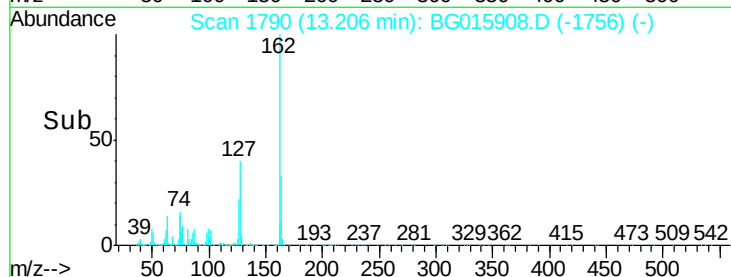
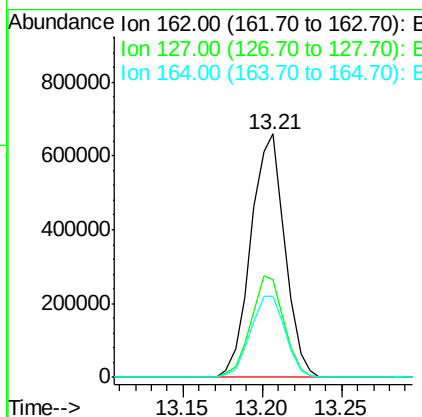
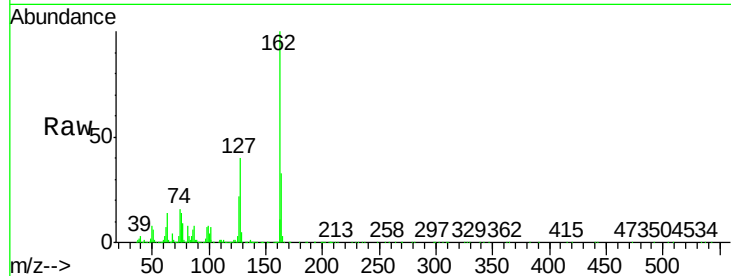




#46
2-Chloronaphthalene
Concen: 49.17 ng
RT: 13.21 min Scan# 1790
Delta R.T. 0.00 min
Lab File: BG015908.D
Acq: 21 Jan 2015 18:42

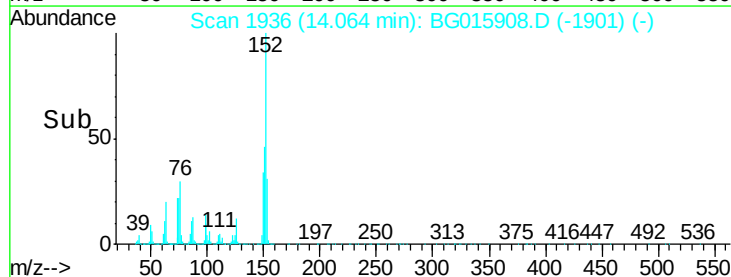
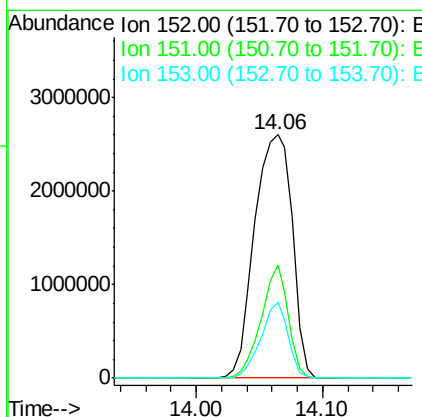
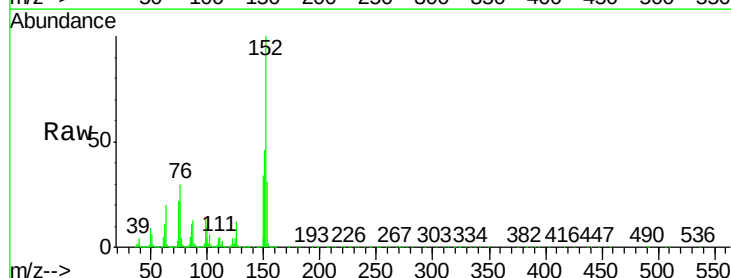
Instrument :
BNA_G
ClientSampled :
8024

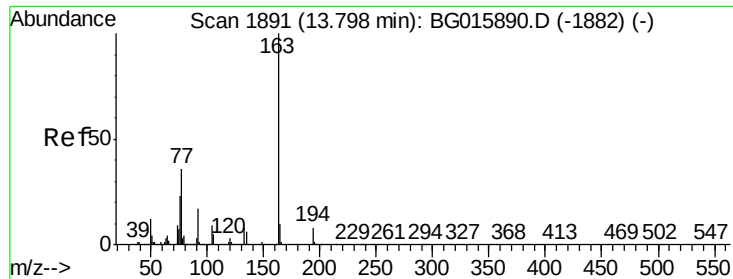
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.2	37.1	55.7
164	33.3	27.0	40.4



#48
Acenaphthylene
Concen: 177.62 ng m
RT: 14.06 min Scan# 1936
Delta R.T. 0.01 min
Lab File: BG015908.D
Acq: 21 Jan 2015 18:42

Tgt Ion	Ratio	Lower	Upper
152	100		
151	46.5	16.6	24.8#
153	31.1	8.9	13.3#





#49

Dimethylphthalate

Concen: 102.18 ng

RT: 13.81 min Scan# 1892

Delta R.T. 0.01 min

Lab File: BG015908.D

Acq: 21 Jan 2015 18:42

Instrument :

BNA_G

ClientSampleId :

8024

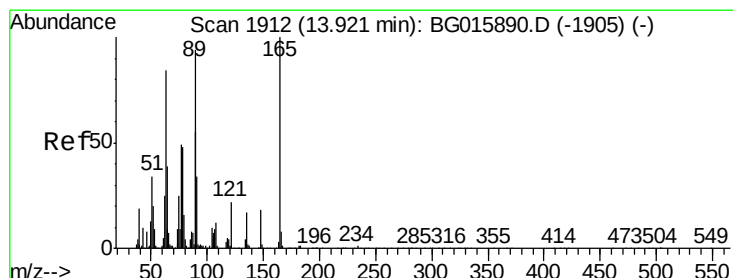
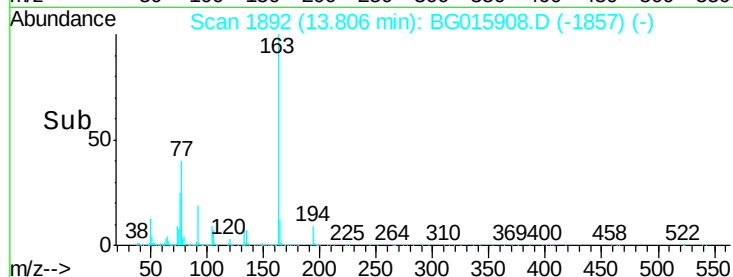
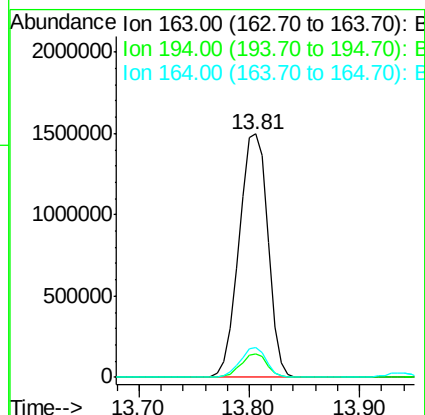
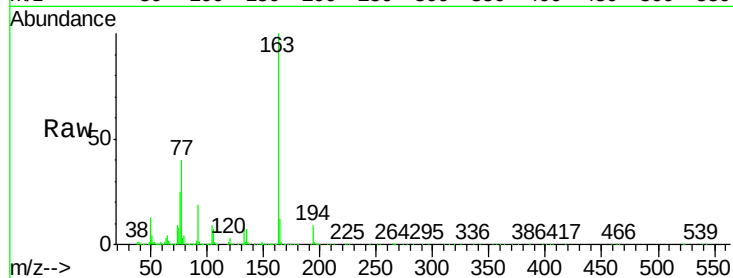
Tot Ion:163 Resp: 2750683

Ion Ratio Lower Upper

163 100

194 9.4 6.2 9.4#

164 12.0 8.0 12.0#



#50

2,6-Dinitrotoluene

Concen: 316.94 ng

RT: 13.94 min Scan# 1915

Delta R.T. 0.03 min

Lab File: BG015908.D

Acq: 21 Jan 2015 18:42

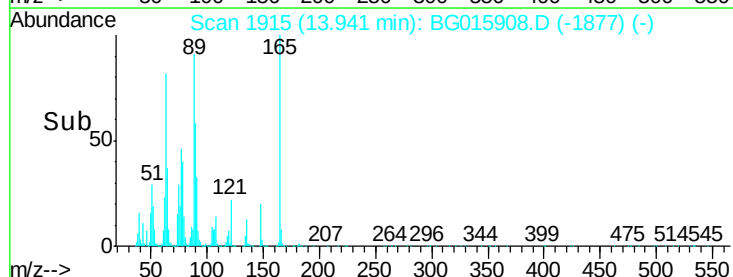
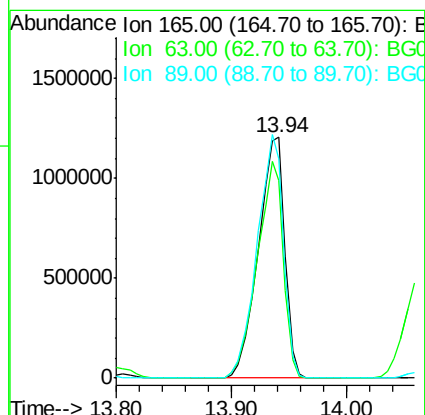
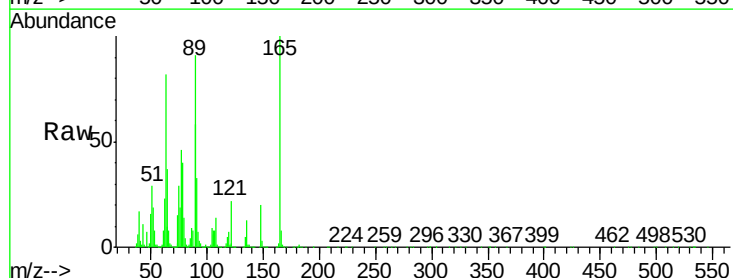
Tgt Ion:165 Resp: 1926128

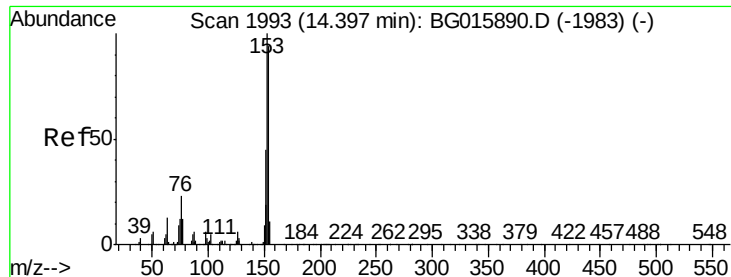
Ion Ratio Lower Upper

165 100

63 82.1 68.3 102.5

89 91.2 75.4 113.2





#51

Acenaphthene

Concen: 184.08 ng

RT: 14.41 min Scan# 1994

Delta R.T. 0.01 min

Lab File: BG015908.D

Acq: 21 Jan 2015 18:42

Instrument :

BNA_G

ClientSampled :

8024

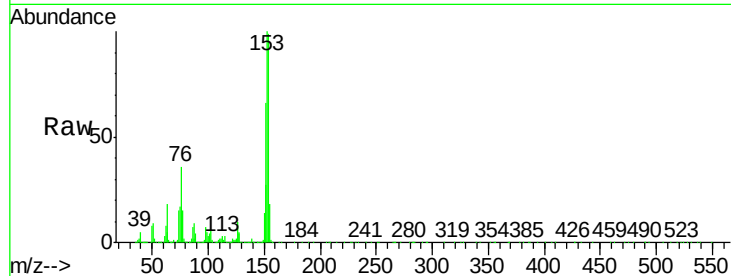
Tot Ion:154 Resp: 3501436

Ion Ratio Lower Upper

154 100

153 100.8 85.1 127.7

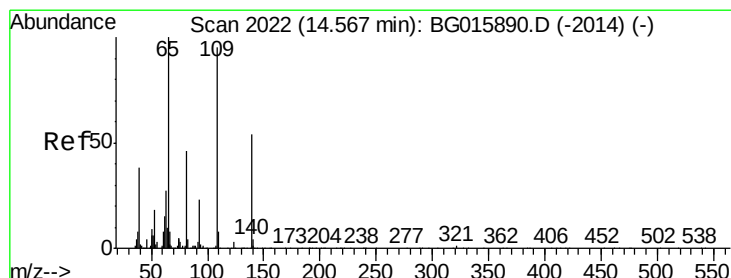
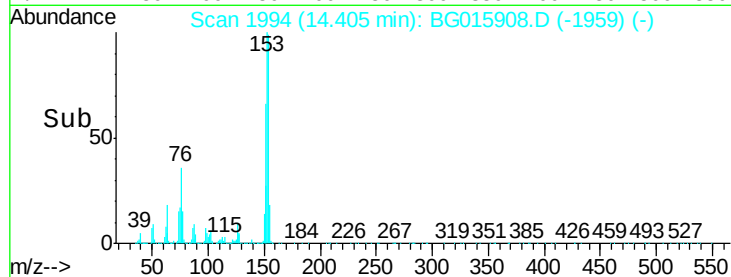
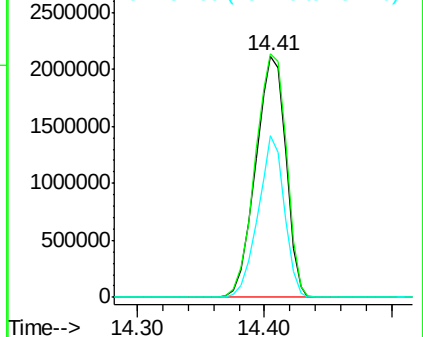
152 66.9 38.3 57.5#



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: 143.41 ng

RT: 14.58 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BG015908.D

Acq: 21 Jan 2015 18:42

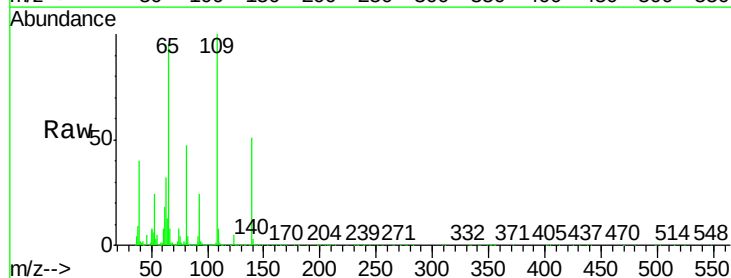
Tgt Ion:139 Resp: 564124

Ion Ratio Lower Upper

139 100

109 195.2 156.3 196.3

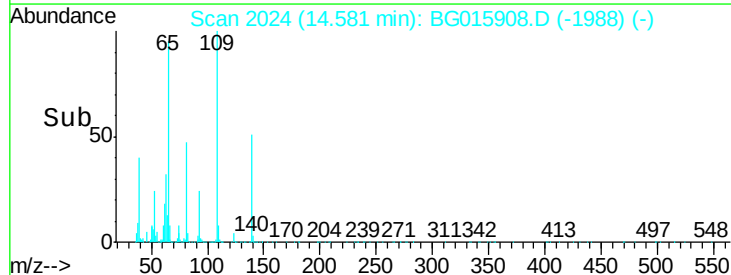
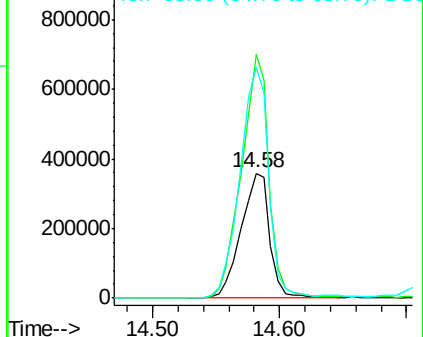
65 185.3 166.3 206.3

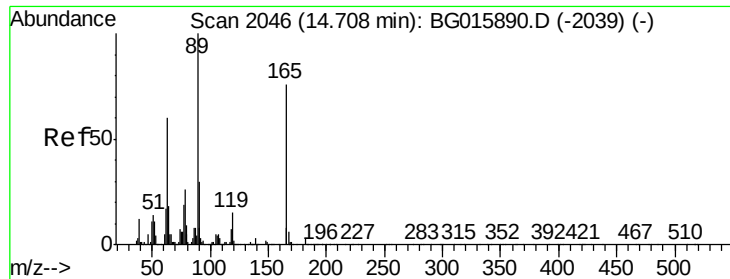


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

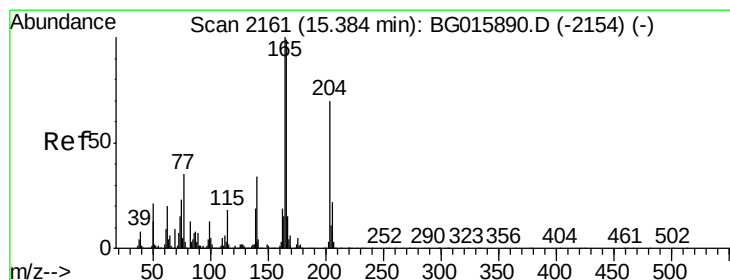
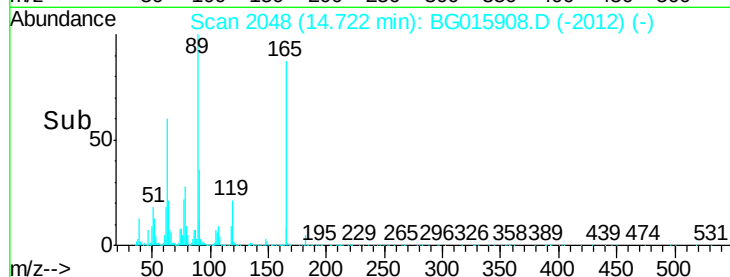
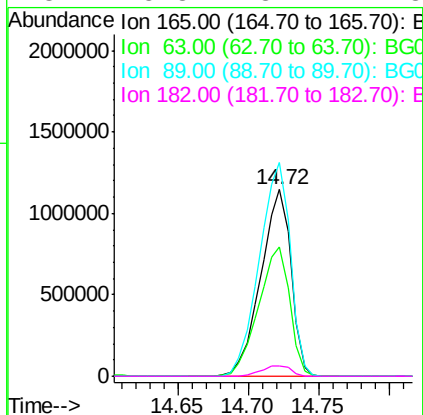
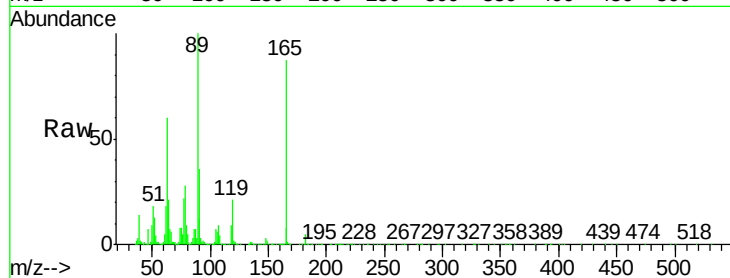




#56
2,4-Dinitrotoluene
Concen: 193.99 ng
RT: 14.72 min Scan# 2048
Delta R.T. 0.01 min
Lab File: BG015908.D
Acq: 21 Jan 2015 18:42

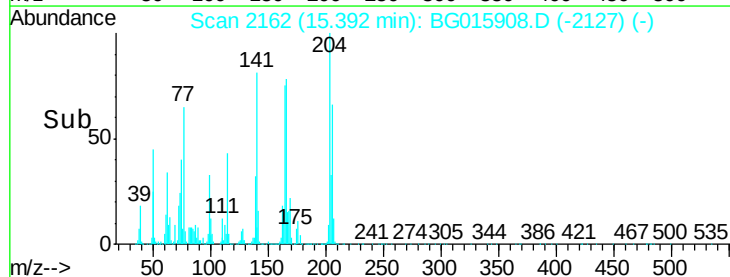
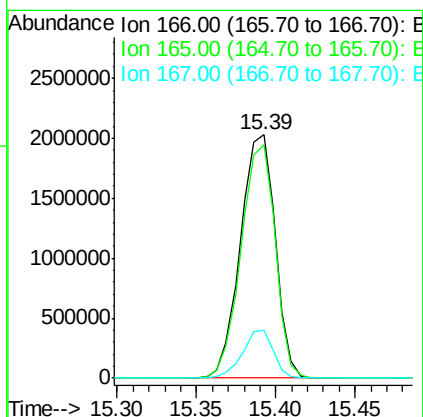
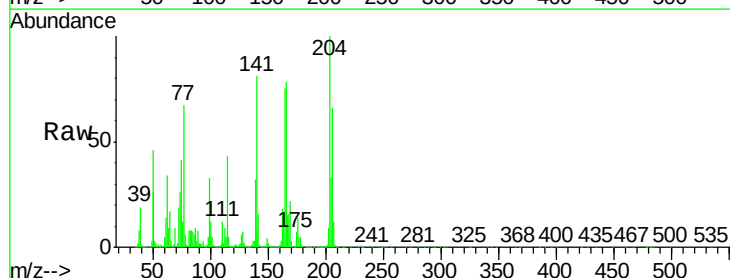
Instrument :
BNA_G
ClientSampleId :
8024

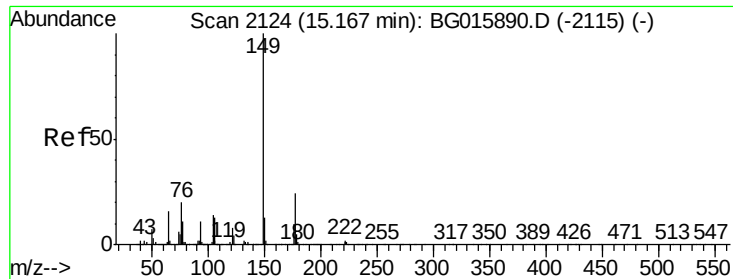
Tot Ion:165 Resp: 1724970
Ion Ratio Lower Upper
165 100
63 69.3 62.6 93.8
89 114.6 104.6 157.0
182 5.8 3.2 4.8#



#57
Fluorene
Concen: 109.30 ng
RT: 15.39 min Scan# 2162
Delta R.T. 0.01 min
Lab File: BG015908.D
Acq: 21 Jan 2015 18:42

Tgt Ion:166 Resp: 3094645
Ion Ratio Lower Upper
166 100
165 95.7 80.6 120.8
167 19.6 12.5 18.7#





#59

Diethylphthalate

Concen: 133.15 ng

RT: 15.17 min Scan# 2125

Delta R.T. 0.01 min

Lab File: BG015908.D

Acq: 21 Jan 2015 18:42

Instrument :

BNA_G

ClientSampleId :

8024

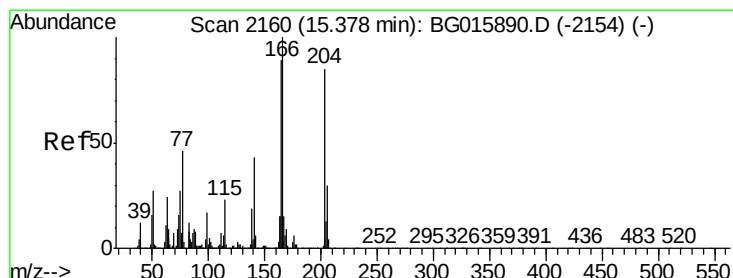
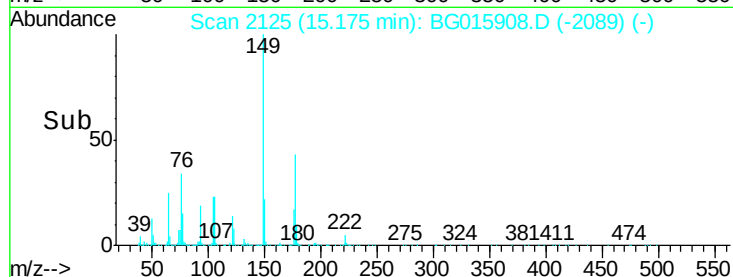
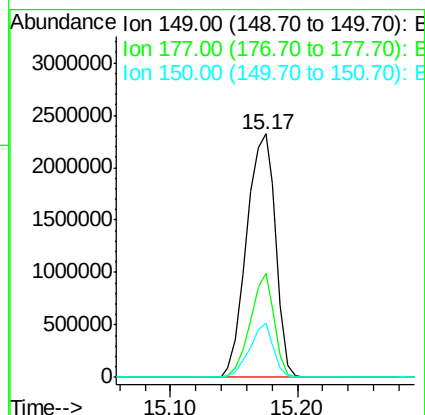
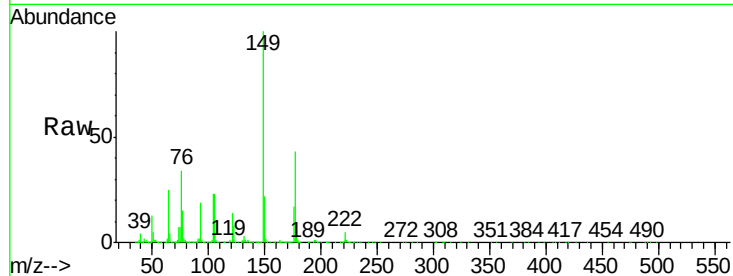
Tot Ion:149 Resp: 3659870

Ion Ratio Lower Upper

149 100

177 42.6 19.4 29.0#

150 22.5 10.2 15.4#



#60

4-Chlorophenyl-phenylether

Concen: 235.09 ng

RT: 15.39 min Scan# 2162

Delta R.T. 0.01 min

Lab File: BG015908.D

Acq: 21 Jan 2015 18:42

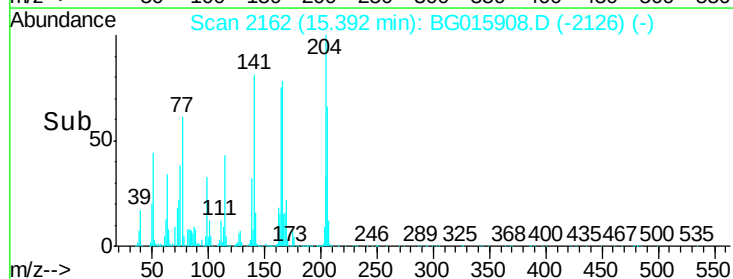
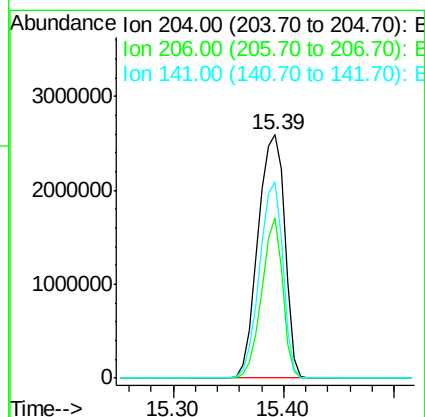
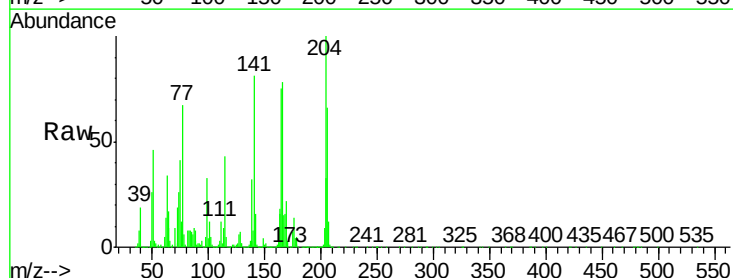
Tgt Ion:204 Resp: 4426873

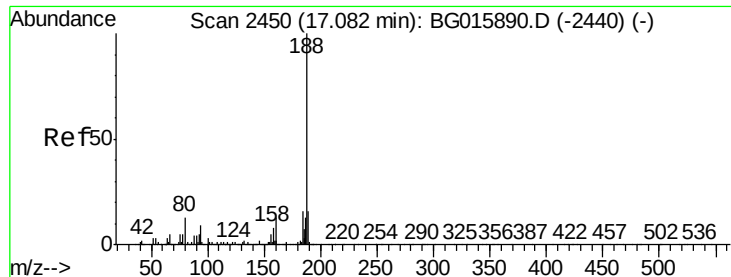
Ion Ratio Lower Upper

204 100

206 65.8 28.4 42.6#

141 80.6 41.0 61.6#

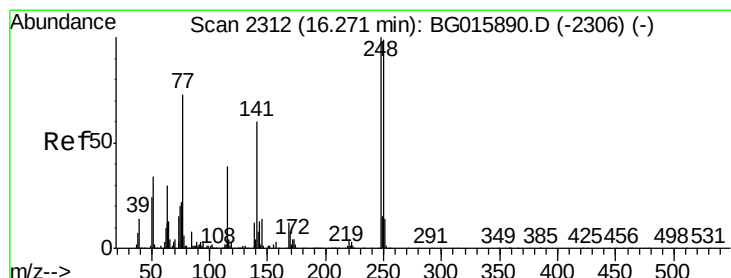
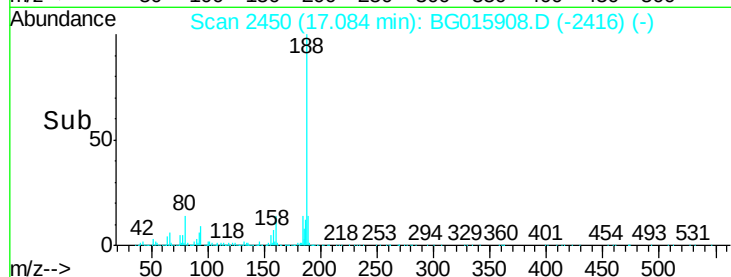
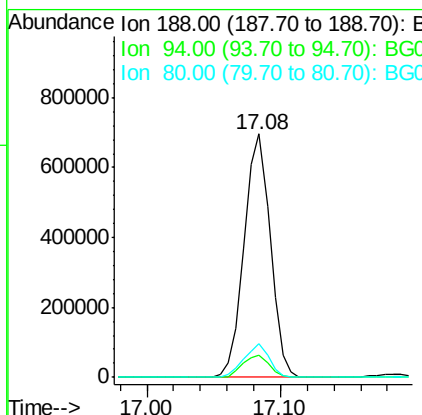
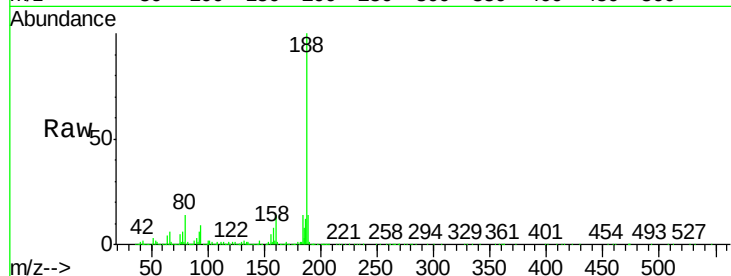




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.08 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BG015908.D
Acq: 21 Jan 2015 18:42

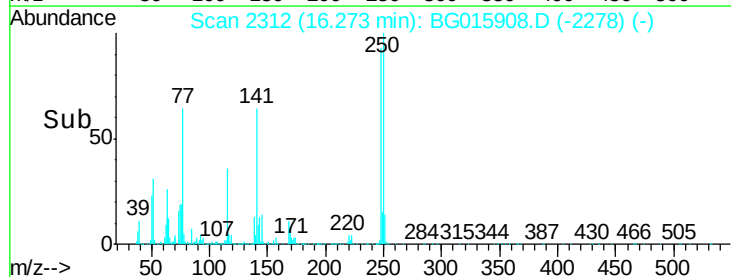
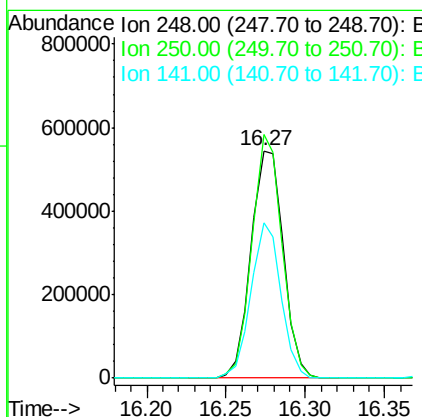
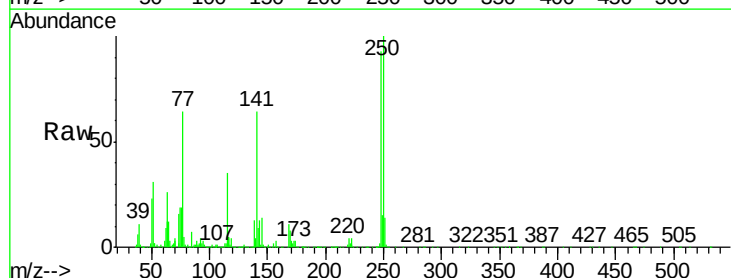
Instrument :
BNA_G
ClientSampleId :
8024

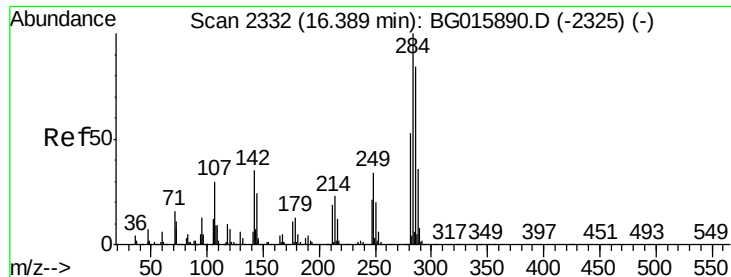
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.8	11.8
80	13.8	10.6	16.0



#66
4-Bromophenyl-phenylether
Concen: 56.39 ng
RT: 16.27 min Scan# 2312
Delta R.T. 0.00 min
Lab File: BG015908.D
Acq: 21 Jan 2015 18:42

Tgt Ion	Ratio	Lower	Upper
248	100		
250	107.0	79.3	118.9
141	68.4	47.8	71.6

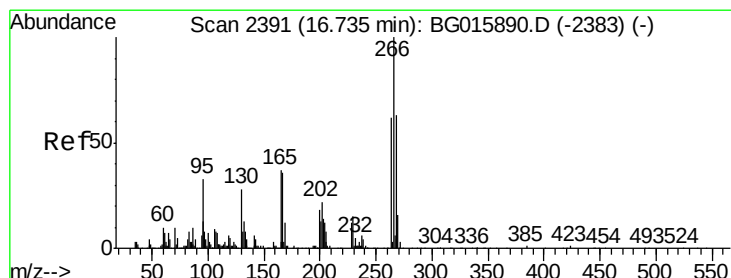
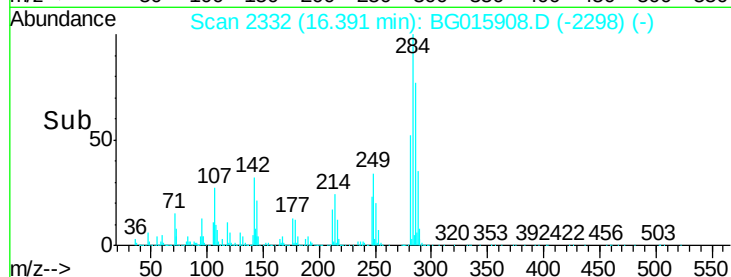
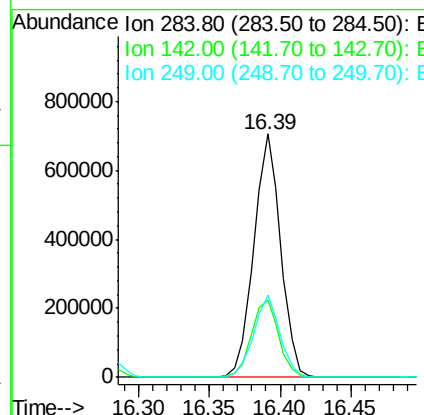
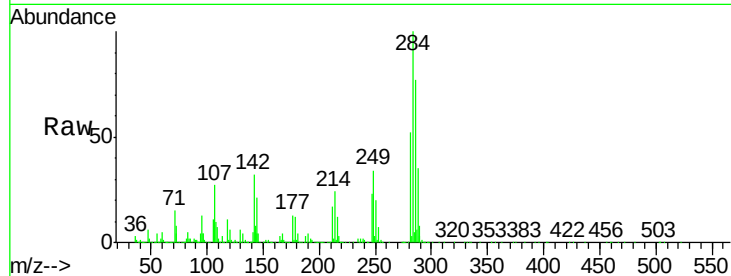




#67
Hexachlorobenzene
Concen: 63.23 ng
RT: 16.39 min Scan# 2332
Delta R.T. 0.00 min
Lab File: BG015908.D
Acq: 21 Jan 2015 18:42

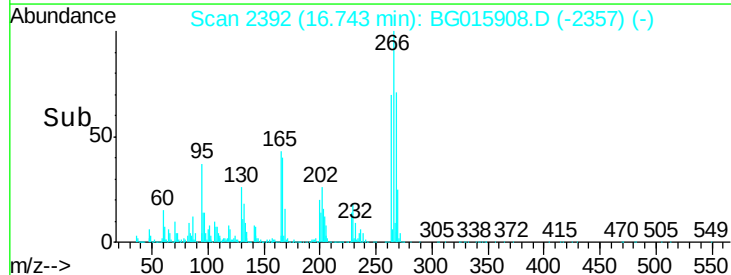
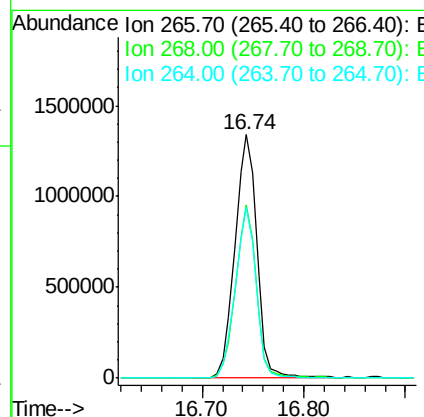
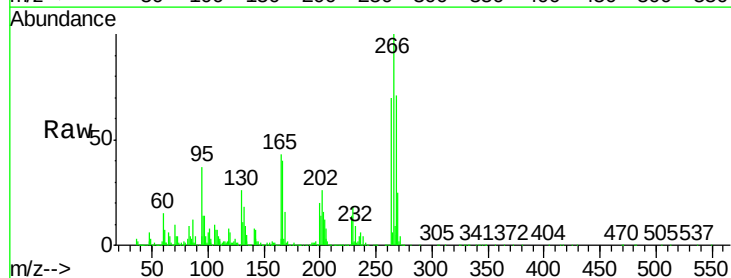
Instrument :
BNA_G
ClientSampleId :
8024

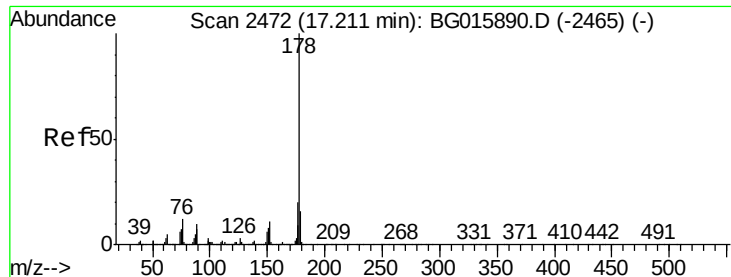
Tot Ion	Ratio	Lower	Upper
284	100		
142	31.9	27.8	41.6
249	36.4	29.3	43.9



#69
Pentachlorophenol
Concen: 174.28 ng
RT: 16.74 min Scan# 2392
Delta R.T. 0.01 min
Lab File: BG015908.D
Acq: 21 Jan 2015 18:42

Tgt Ion	Ratio	Lower	Upper
266	100		
268	76.3	53.5	80.3
264	75.7	51.9	77.9





#71

Anthracene

Concen: 89.20 ng

RT: 17.22 min Scan# 2473

Delta R.T. 0.01 min

Lab File: BG015908.D

Acq: 21 Jan 2015 18:42

Instrument :

BNA_G

ClientSampleId :

8024

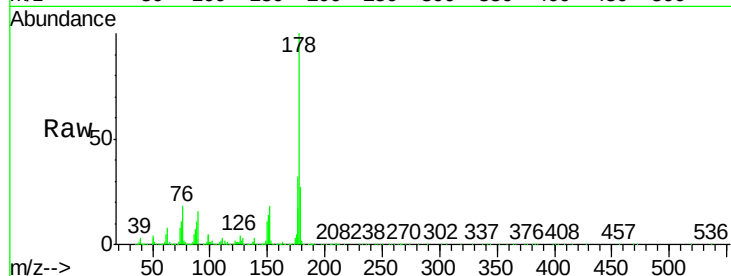
Tot Ion:178 Resp: 4128804

Ion Ratio Lower Upper

178 100

176 31.9 15.7 23.5#

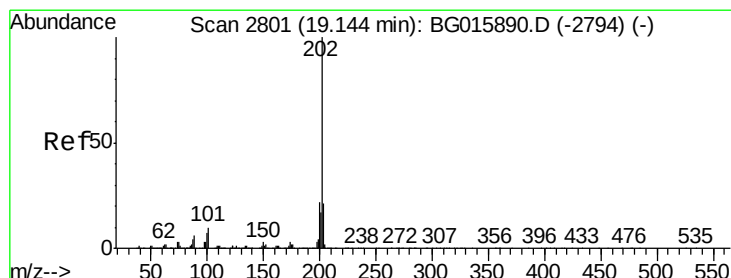
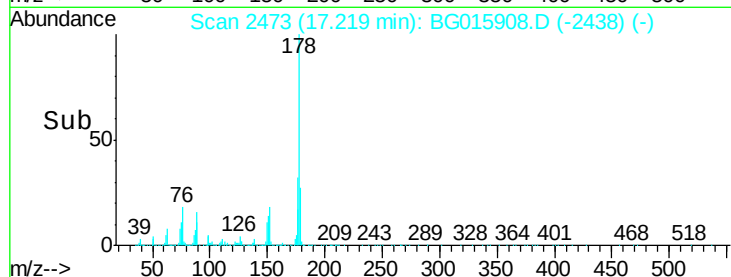
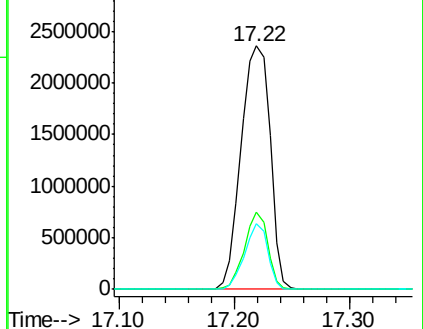
179 27.1 12.7 19.1#



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: 75.90 ng

RT: 19.15 min Scan# 2802

Delta R.T. 0.01 min

Lab File: BG015908.D

Acq: 21 Jan 2015 18:42

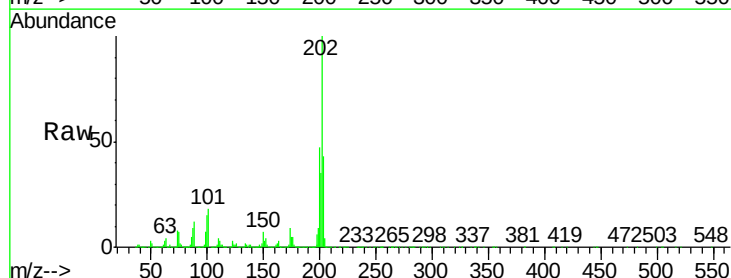
Tgt Ion:202 Resp: 4781433

Ion Ratio Lower Upper

202 100

101 18.3 0.0 29.5

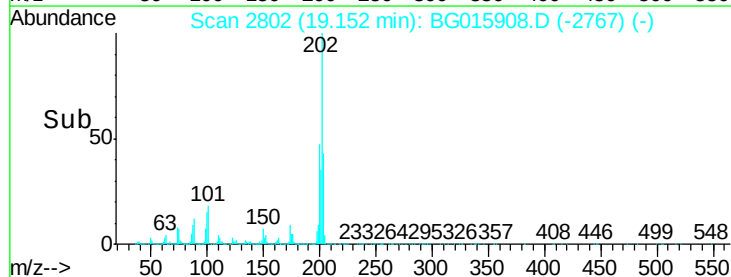
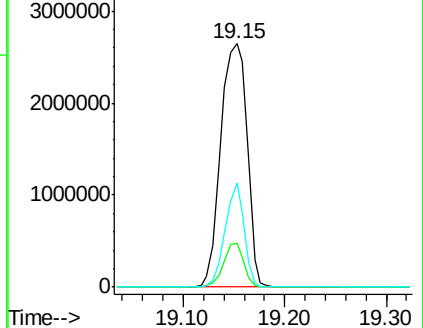
203 42.8 0.9 40.9#

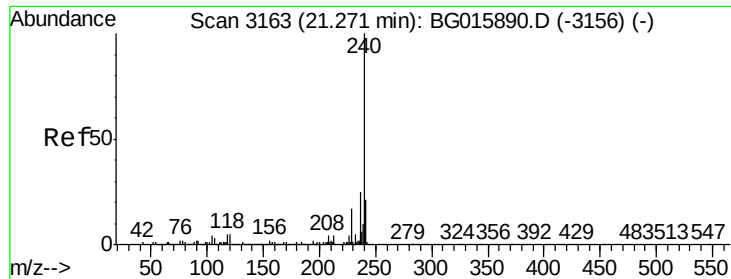


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.28 min Scan# 3164

Delta R.T. 0.01 min

Lab File: BG015908.D

Acq: 21 Jan 2015 18:42

Instrument :

BNA_G

ClientSampleId :

8024

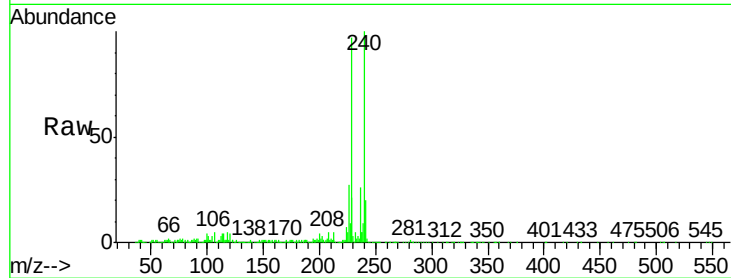
Tot Ion:240 Resp: 1188070

Ion Ratio Lower Upper

240 100

120 4.0 3.9 5.9

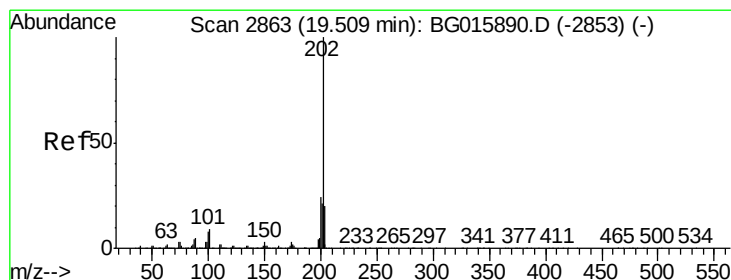
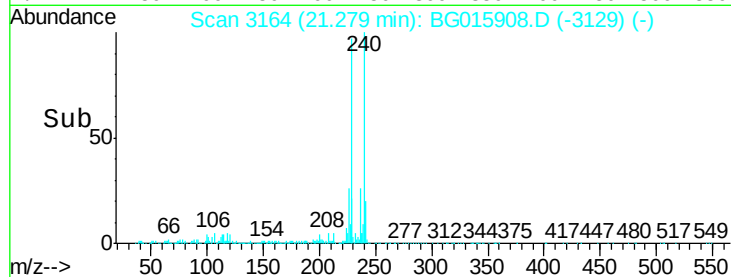
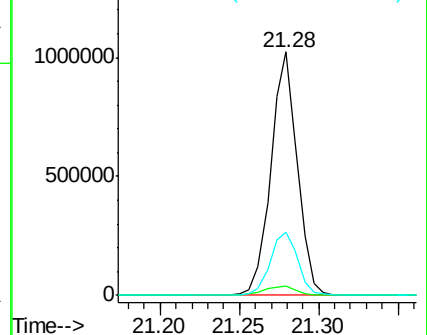
236 25.9 20.0 30.0



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: 101.61 ng m

RT: 19.52 min Scan# 2865

Delta R.T. 0.01 min

Lab File: BG015908.D

Acq: 21 Jan 2015 18:42

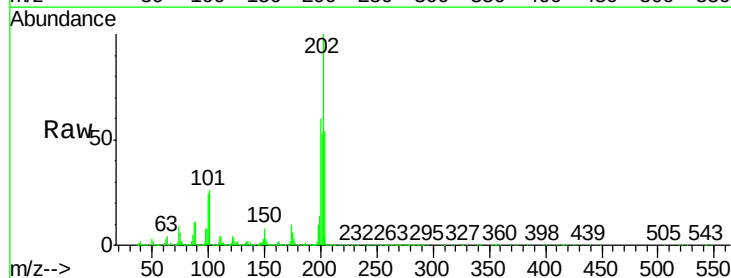
Tgt Ion:202 Resp: 5736802

Ion Ratio Lower Upper

202 100

200 59.8 19.3 28.9#

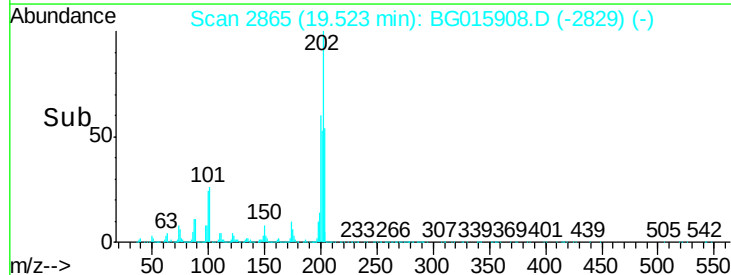
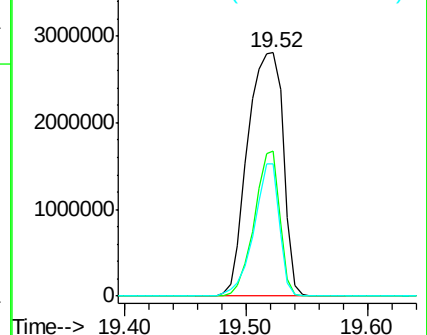
203 54.3 15.9 23.9#

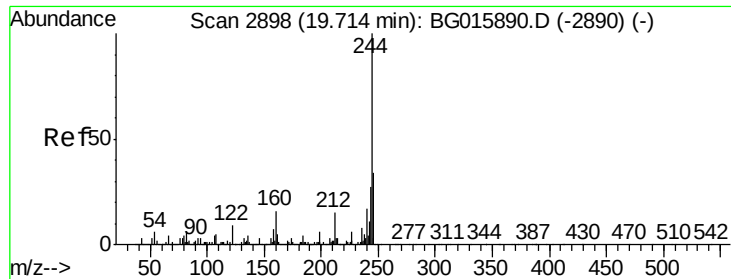


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 92.80 ng

RT: 19.72 min Scan# 2898

Delta R.T. 0.00 min

Lab File: BG015908.D

Acq: 21 Jan 2015 18:42

Instrument :

BNA_G

ClientSampleId :

8024

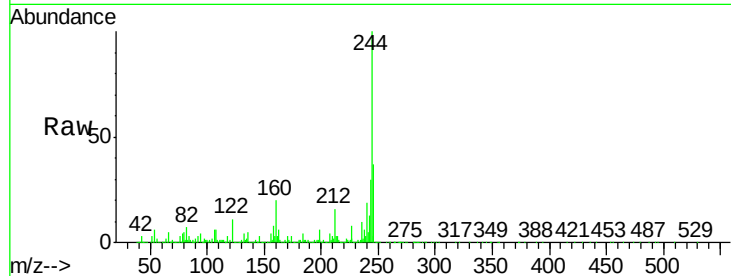
Tot Ion:244 Resp: 3748110

Ion Ratio Lower Upper

244 100

212 16.5 11.6 17.4

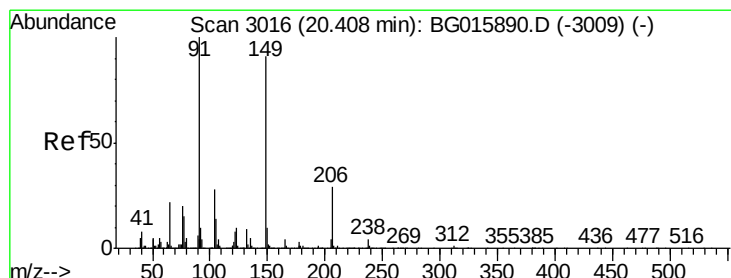
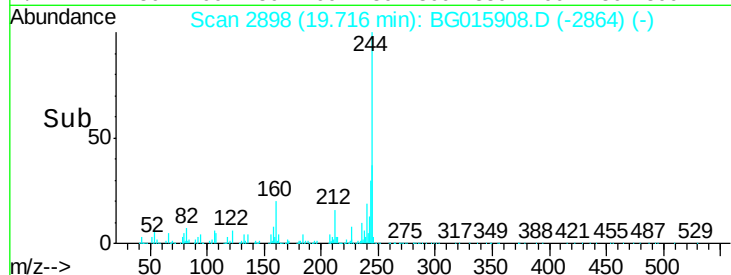
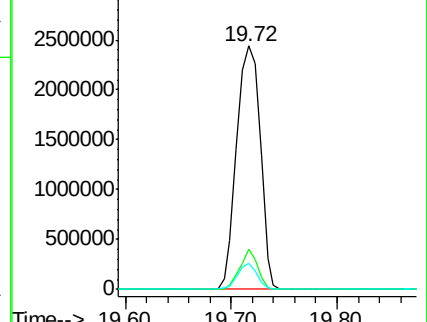
122 10.6 7.0 10.4#



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: 167.45 ng

RT: 20.42 min Scan# 3017

Delta R.T. 0.01 min

Lab File: BG015908.D

Acq: 21 Jan 2015 18:42

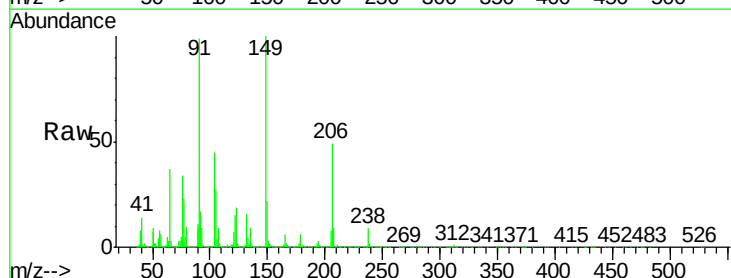
Tgt Ion:149 Resp: 3466161

Ion Ratio Lower Upper

149 100

91 98.7 88.4 132.6

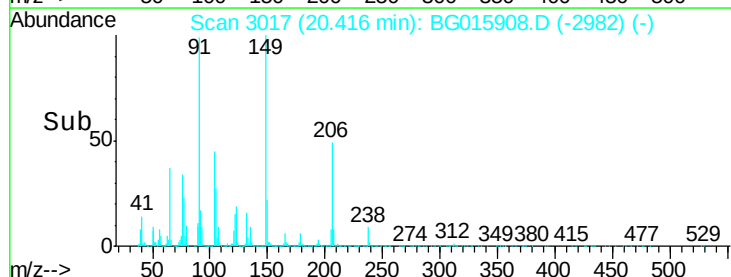
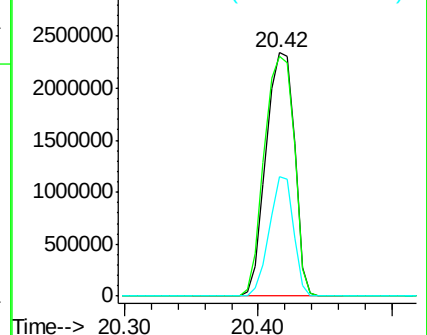
206 48.8 25.3 37.9#

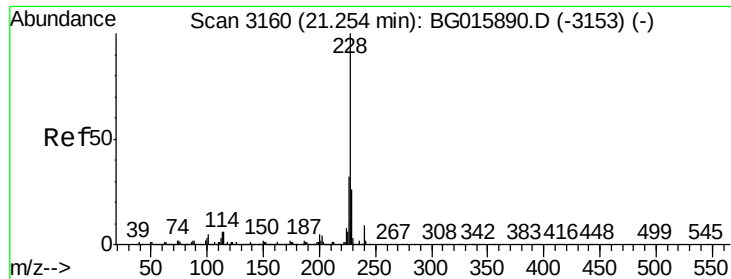


Abundance Ion 149.00 (148.70 to 149.70): E

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: 21.26 min Scan# 3161

Delta R.T. 0.01 min

Lab File: BG015908.D

Acq: 21 Jan 2015 18:42

Instrument :

BNA_G

ClientSampleId :

8024

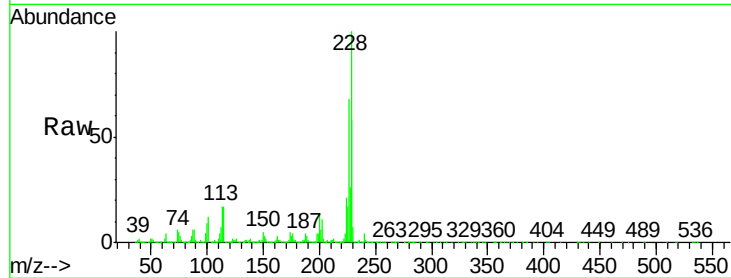
Tot Ion:228 Resp: 5626446

Ion Ratio Lower Upper

228 100

226 67.9 25.4 38.0#

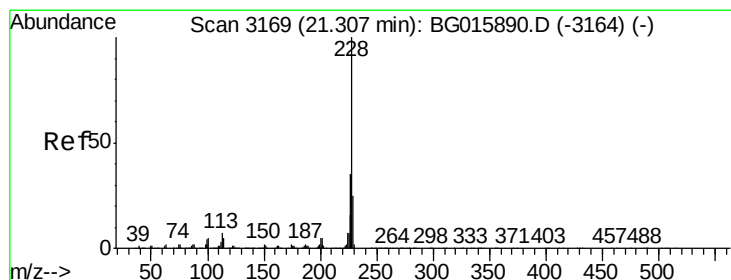
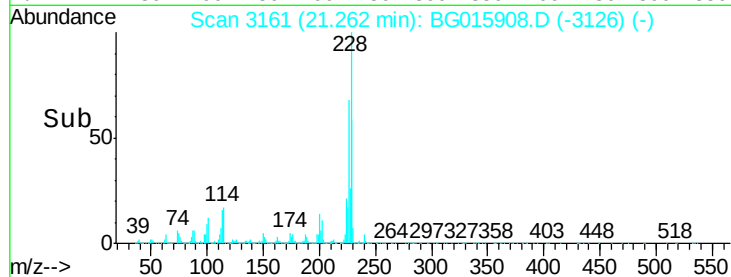
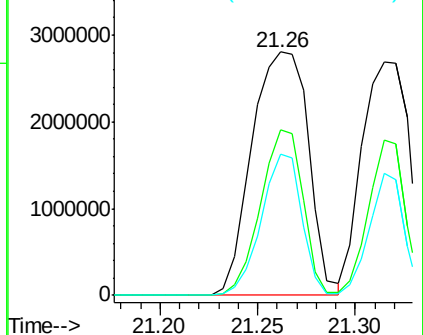
229 58.0 21.2 31.8#



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



#82

Chrysene

Concen: Below Cal

RT: 21.31 min Scan# 3170

Delta R.T. 0.01 min

Lab File: BG015908.D

Acq: 21 Jan 2015 18:42

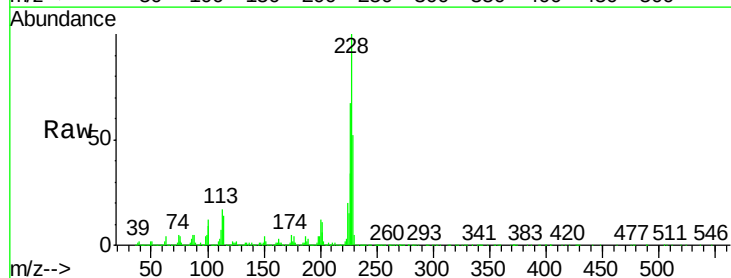
Tgt Ion:228 Resp: 4513038

Ion Ratio Lower Upper

228 100

226 66.5 28.1 42.1#

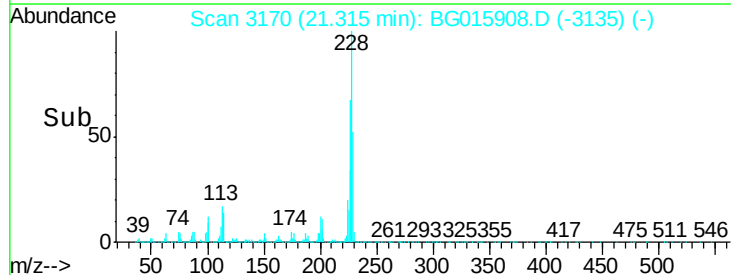
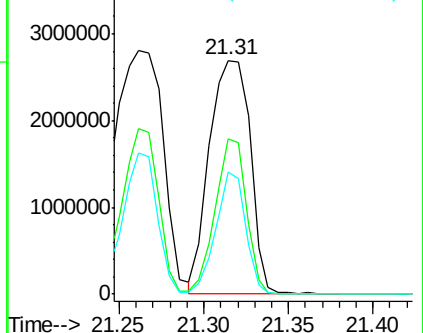
229 52.2 19.8 29.6#

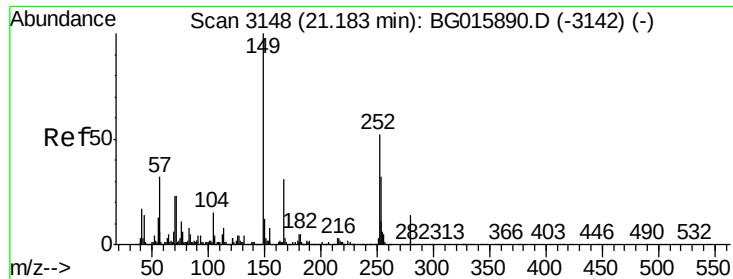


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 77.30 ng

RT: 21.19 min Scan# 3148

Delta R.T. 0.00 min

Lab File: BG015908.D

Acq: 21 Jan 2015 18:42

Instrument :

BNA_G

ClientSampled :

8024

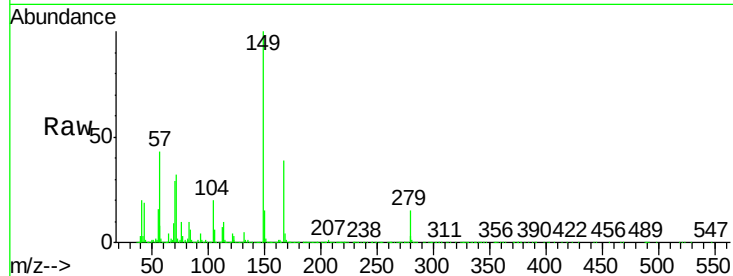
Tot Ion:149 Resp: 2151461

Ion Ratio Lower Upper

149 100

167 38.7 25.1 37.7#

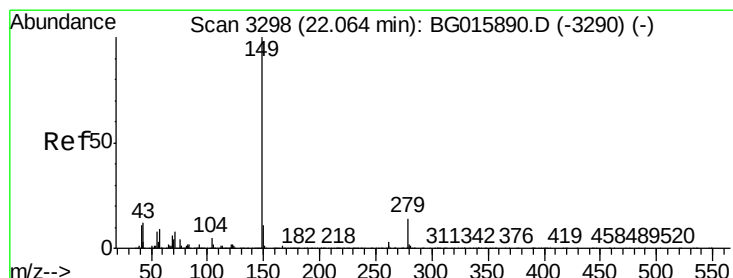
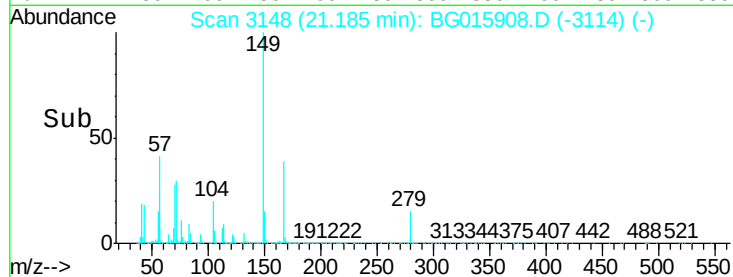
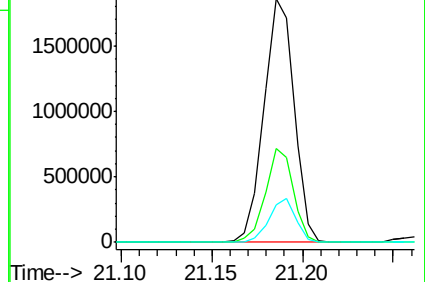
279 15.3 11.2 16.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 135.44 ng

RT: 22.07 min Scan# 3299

Delta R.T. 0.01 min

Lab File: BG015908.D

Acq: 21 Jan 2015 18:42

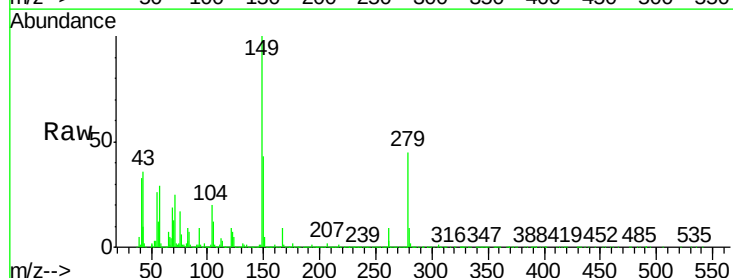
Tgt Ion:149 Resp: 5832266

Ion Ratio Lower Upper

149 100

167 5.1 1.4 2.0#

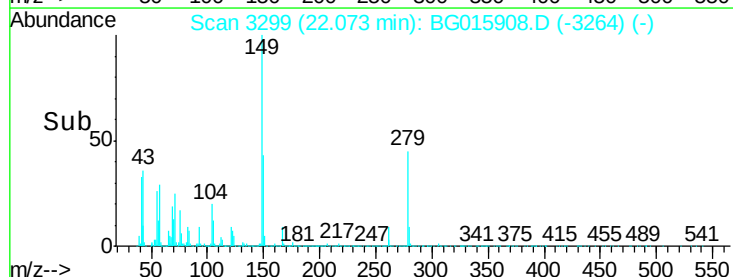
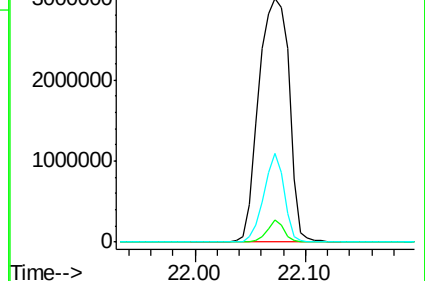
43 24.3 9.2 13.8#

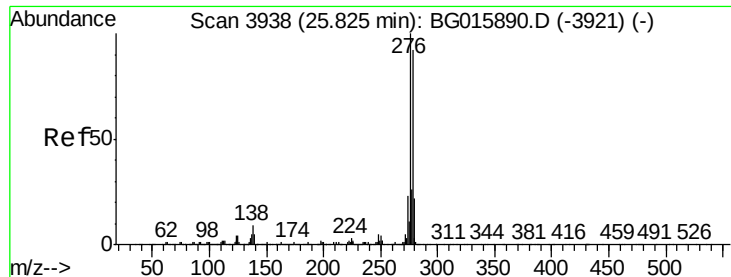


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC





#85

Indeno(1,2,3-cd)pyrene

Concen: 141.99 ng

RT: 25.87 min Scan# 3945

Delta R.T. 0.04 min

Lab File: BG015908.D

Acq: 21 Jan 2015 18:42

Instrument :

BNA_G

ClientSampleId :

8024

Tot Ion:276 Resp: 9890837

Ion Ratio Lower Upper

276 100

138 10.0

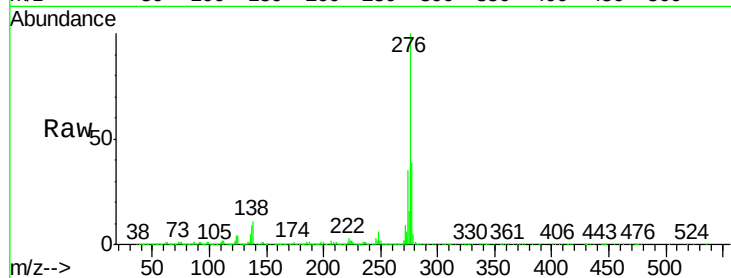
6.9

10.3

277 32.9

20.7

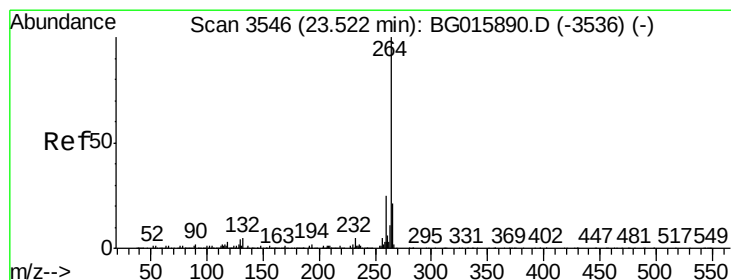
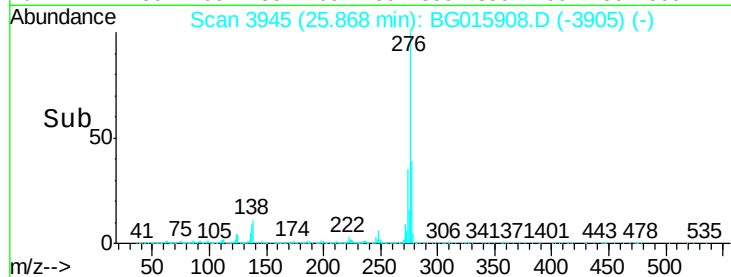
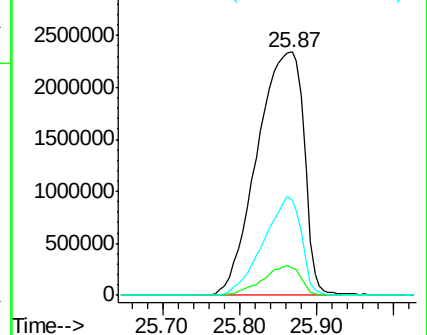
31.1#



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: 23.54 min Scan# 3548

Delta R.T. 0.01 min

Lab File: BG015908.D

Acq: 21 Jan 2015 18:42

Tgt Ion:264 Resp: 1116942

Ion Ratio Lower Upper

264 100

260 21.6

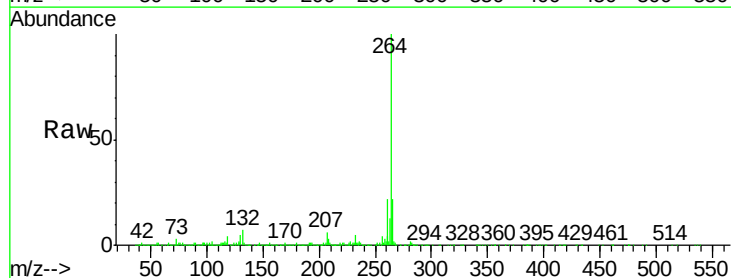
19.7

29.5

265 22.3

17.3

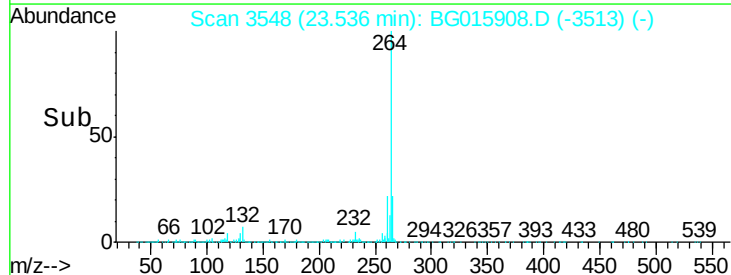
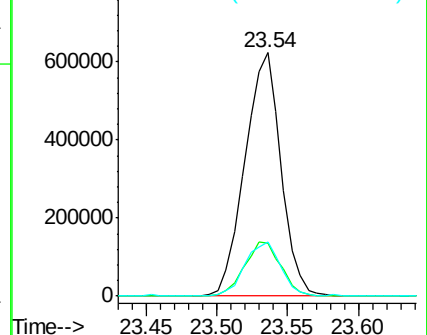
25.9

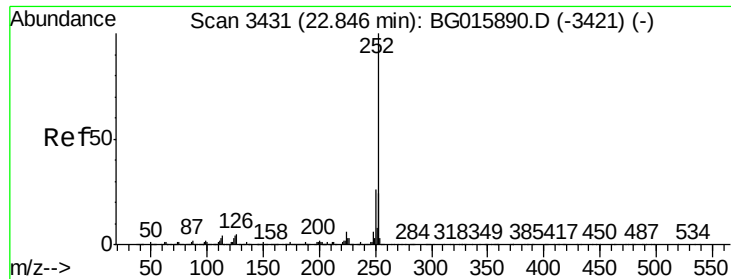


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

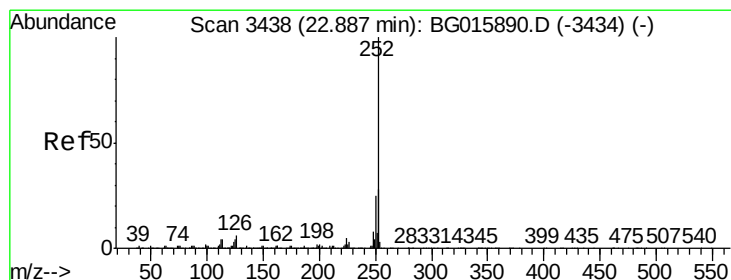
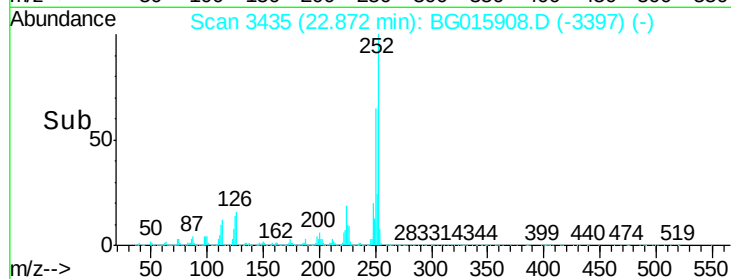
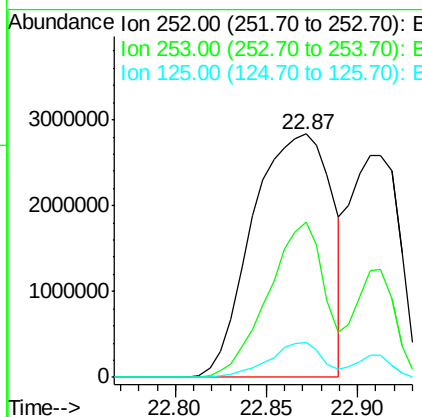
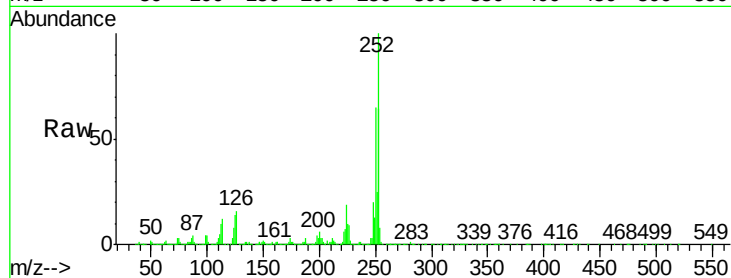




#87
Benzo(b)fluoranthene
Concen: 134.67 ng m
RT: 22.87 min Scan# 3435
Delta R.T. 0.03 min
Lab File: BG015908.D
Acq: 21 Jan 2015 18:42

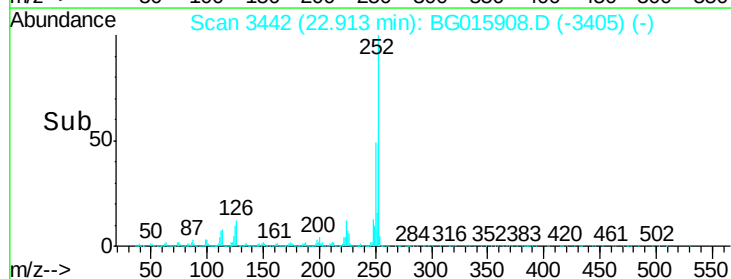
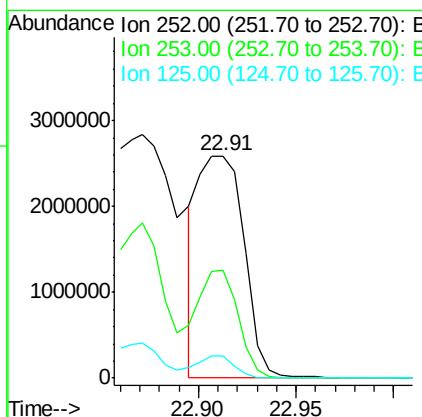
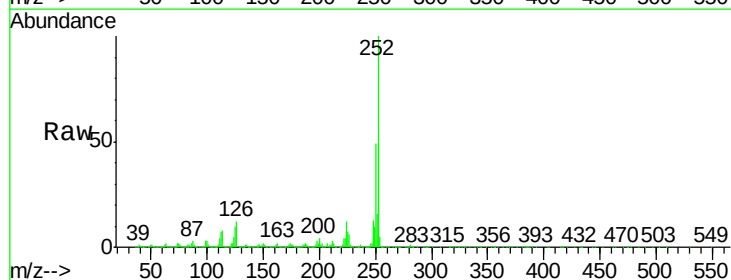
Instrument :
BNA_G
ClientSampleId :
8024

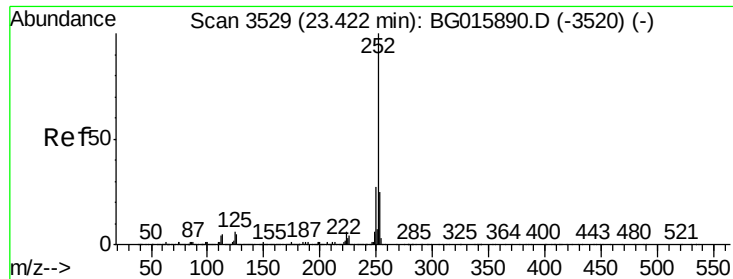
Tot Ion:252 Resp: 8585963
Ion Ratio Lower Upper
252 100
253 63.8 19.4 29.0#
125 14.4 2.9 4.3#



#88
Benzo(k)fluoranthene
Concen: 67.97 ng
RT: 22.91 min Scan# 3442
Delta R.T. 0.02 min
Lab File: BG015908.D
Acq: 21 Jan 2015 18:42

Tgt Ion:252 Resp: 4194847
Ion Ratio Lower Upper
252 100
253 48.7 21.3 31.9#
125 9.8 3.4 5.0#





#89

Benzo(a)pyrene

Concen: 107.77 ng

RT: 23.45 min Scan# 3533

Delta R.T. 0.02 min

Lab File: BG015908.D

Acq: 21 Jan 2015 18:42

Instrument :

BNA_G

ClientSampleId :

8024

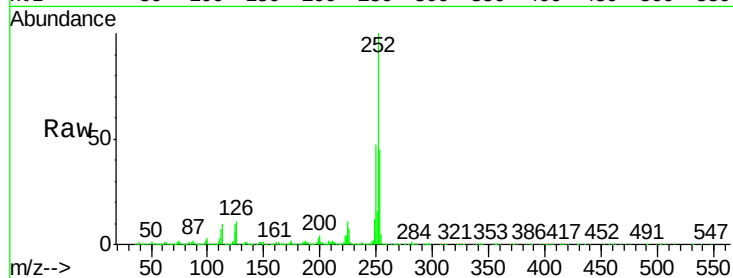
Tot Ion:252 Resp: 6611350

Ion Ratio Lower Upper

252 100

253 44.9 19.9 29.9#

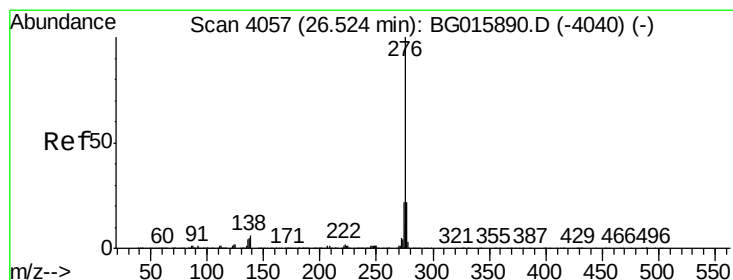
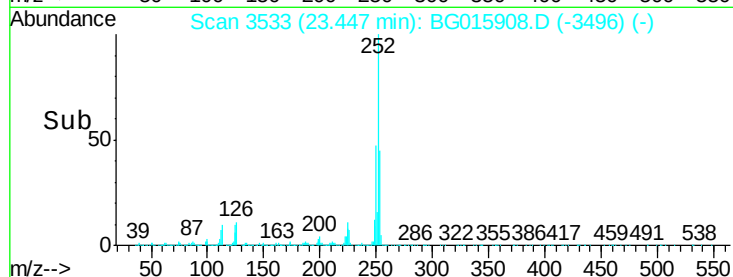
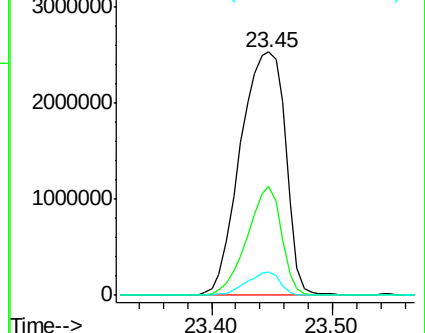
125 9.9 4.5 6.7#



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: 215.63 ng

RT: 26.60 min Scan# 4070

Delta R.T. 0.06 min

Lab File: BG015908.D

Acq: 21 Jan 2015 18:42

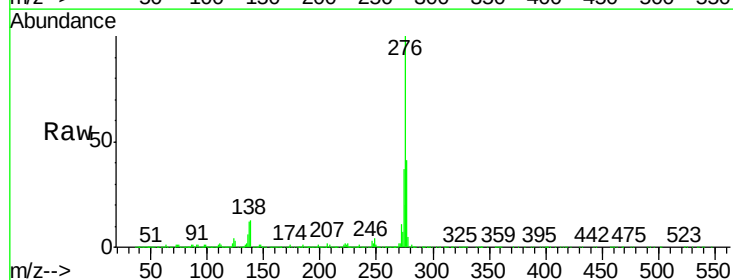
Tgt Ion:276 Resp:12251272

Ion Ratio Lower Upper

276 100

277 41.1 17.2 25.8#

138 13.5 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

