

Data Path : Z:\HPCHEM1\BNA_G\Data\BG012615\
 Data File : BG015935.D
 Acq On : 27 Jan 2015 7:25
 Operator : TP/IZ
 Sample : G1139-01
 Misc : S
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 121B1

Quant Time: Jan 27 09:51:22 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 20 17:47:40 2015
 Response via : Initial Calibration

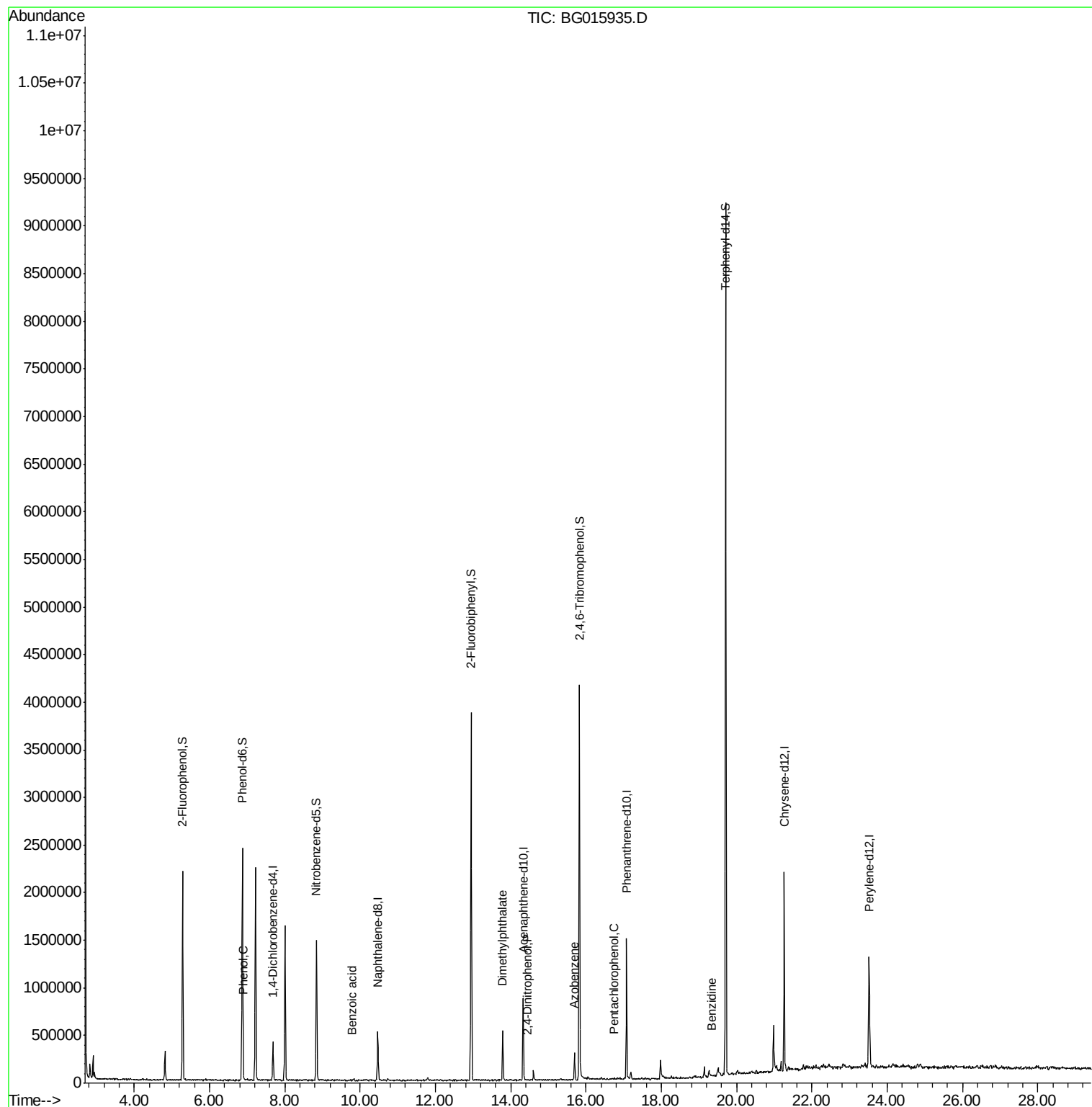
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	78868	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	310720	20.00	ng	-0.01
38) Acenaphthene-d10	14.33	164	251888	20.00	ng	-0.01
63) Phenanthrene-d10	17.08	188	717355	20.00	ng	0.00
75) Chrysene-d12	21.27	240	1002013	20.00	ng	0.00
86) Perylene-d12	23.52	264	960318	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	715993	135.19	ng	0.00
7) Phenol-d6	6.87	99	1170426	137.14	ng	0.00
23) Nitrobenzene-d5	8.84	82	918020	85.17	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	673617	146.08	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	1668008	103.90	ng	0.00
78) Terphenyl-d14	19.71	244	3268777	98.26	ng	0.00
Target Compounds						
10) Phenol	6.89	94	26648	2.74	ng	# 74
32) Benzoic acid	9.79	122	237	10.43	ng	# 1
49) Dimethylphthalate	13.79	163	249587	13.77	ng	97
53) 2,4-Dinitrophenol	14.42	184	485	4.73	ng	# 10
62) Azobenzene	15.70	77	95111	3.17	ng	# 35
69) Pentachlorophenol	16.74	266	64	5.24	ng	# 17
76) Benzidine	19.33	184	345	2.00	ng	# 1

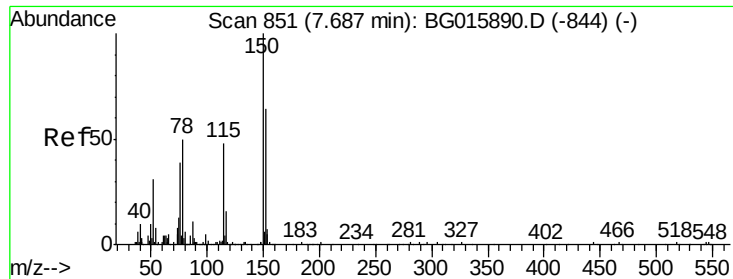
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jan 20 17:47:40 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.68 min Scan# 850

Delta R.T. -0.01 min

Lab File: BG015935.D

Acq: 27 Jan 2015 7:25

Instrument :

BNA_G

ClientSampleId :

121B1

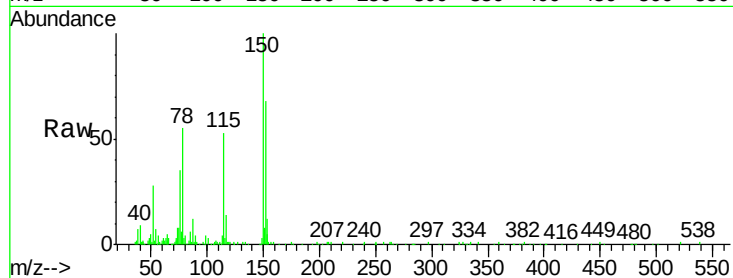
Tgt Ion:152 Resp: 78868

Ion Ratio Lower Upper

152 100

150 148.1 124.5 186.7

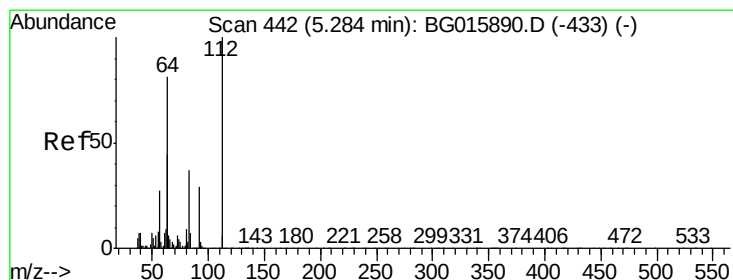
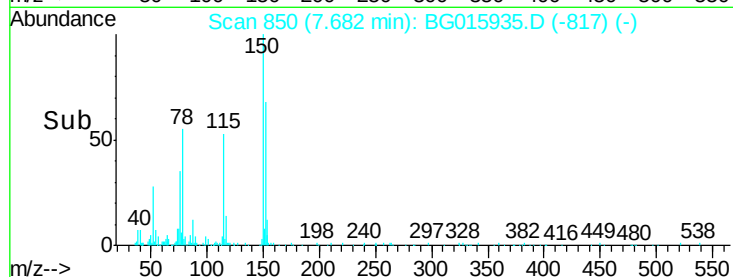
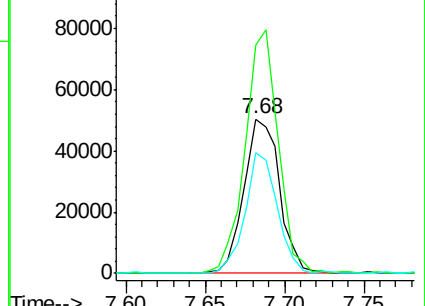
115 78.0 60.4 90.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 135.19 ng

RT: 5.28 min Scan# 442

Delta R.T. 0.00 min

Lab File: BG015935.D

Acq: 27 Jan 2015 7:25

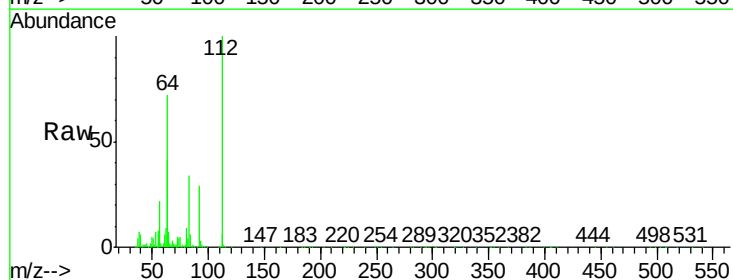
Tgt Ion:112 Resp: 715993

Ion Ratio Lower Upper

112 100

64 72.1 64.4 96.6

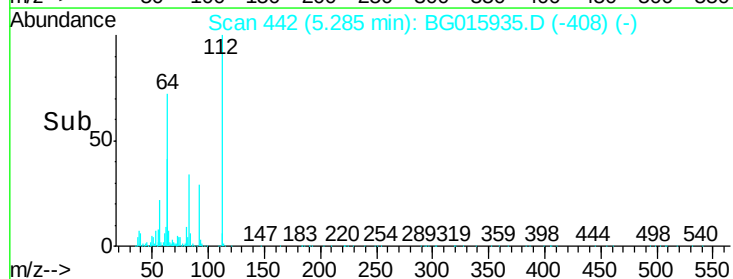
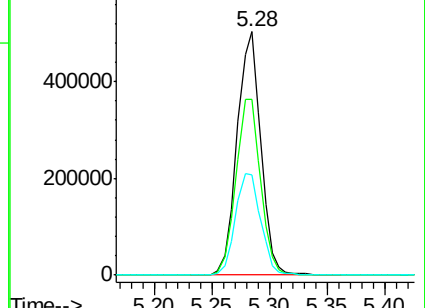
63 40.9 35.1 52.7

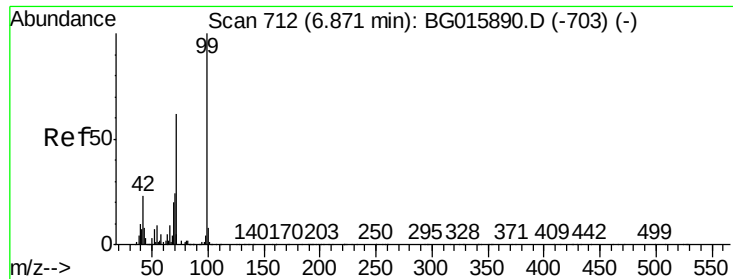


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 137.14 ng

RT: 6.87 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG015935.D

Acq: 27 Jan 2015 7:25

Instrument :

BNA_G

ClientSampleId :

121B1

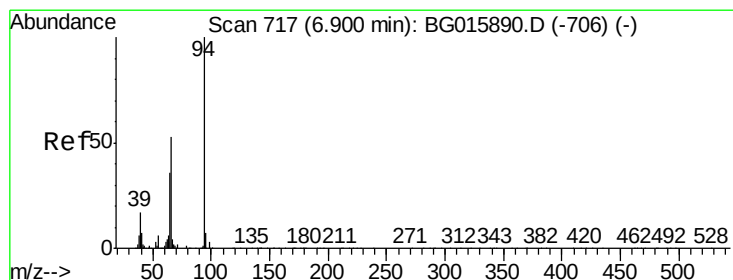
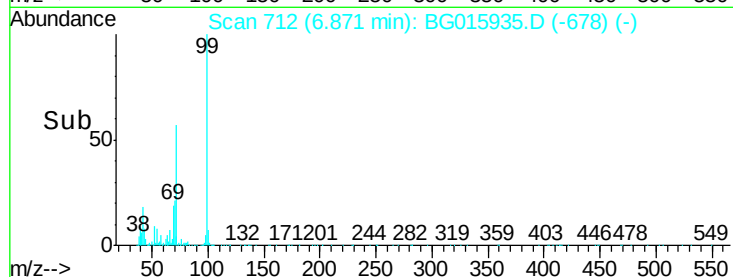
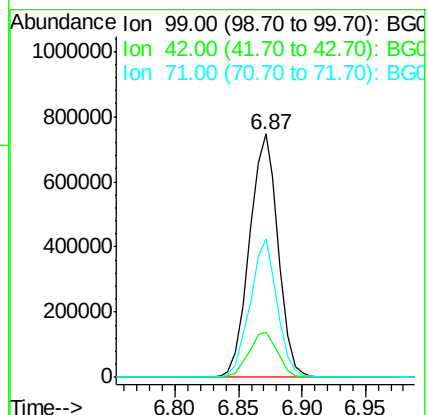
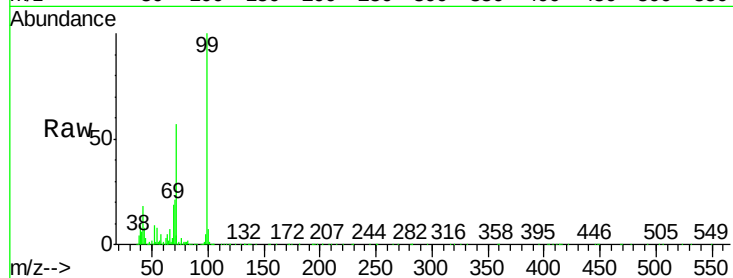
Tgt Ion: 99 Resp: 1170426

Ion Ratio Lower Upper

99 100

42 18.5 18.1 27.1

71 57.1 49.8 74.8



#10

Phenol

Concen: 2.74 ng

RT: 6.89 min Scan# 716

Delta R.T. -0.01 min

Lab File: BG015935.D

Acq: 27 Jan 2015 7:25

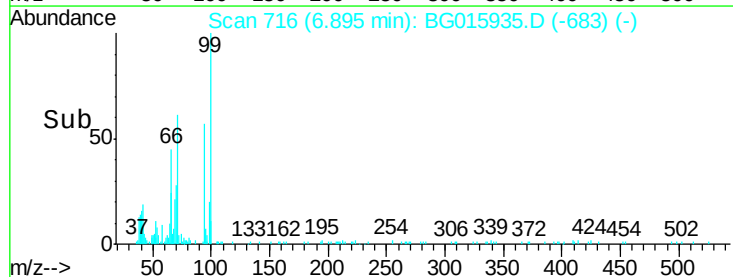
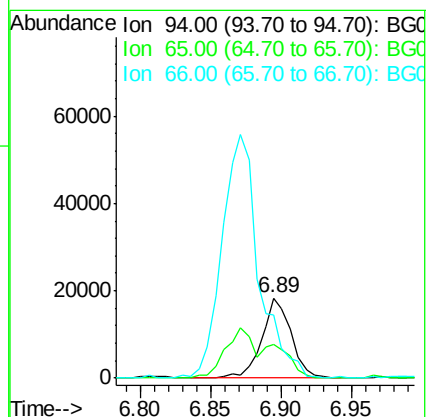
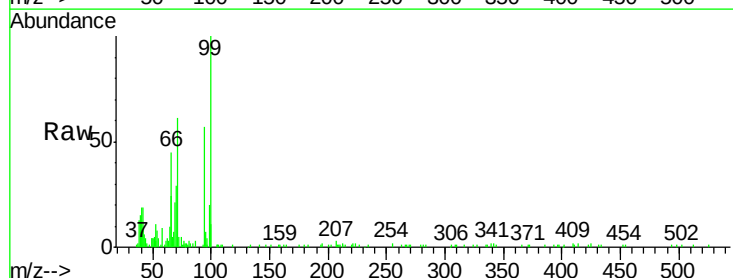
Tgt Ion: 94 Resp: 26648

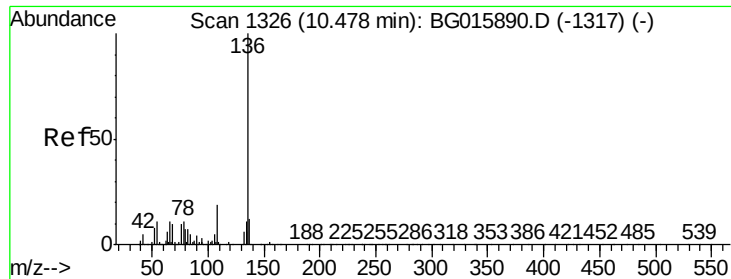
Ion Ratio Lower Upper

94 100

65 42.4 16.5 56.5

66 79.4 33.3 73.3#

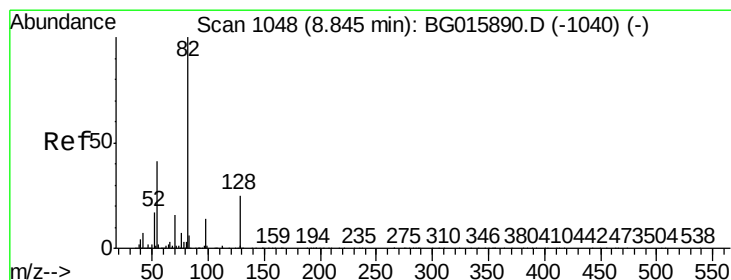
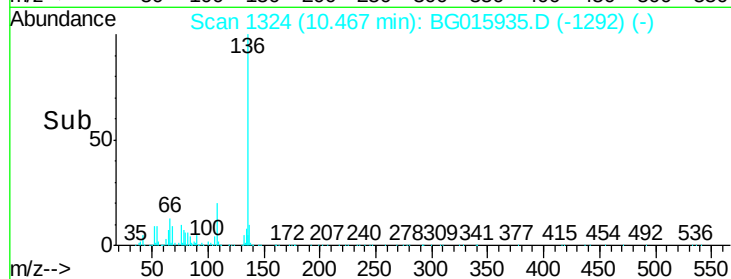
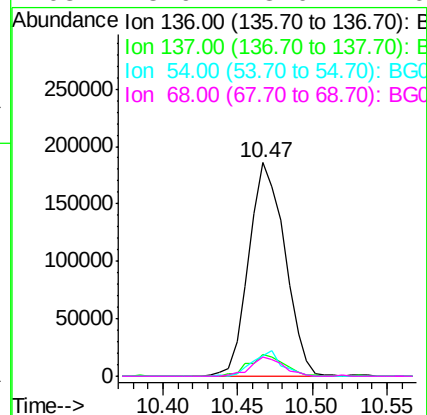
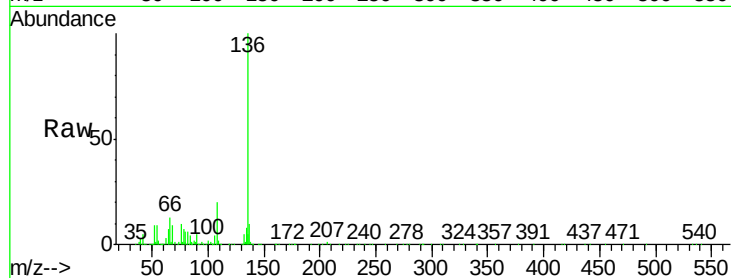




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.47 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG015935.D
Acq: 27 Jan 2015 7:25

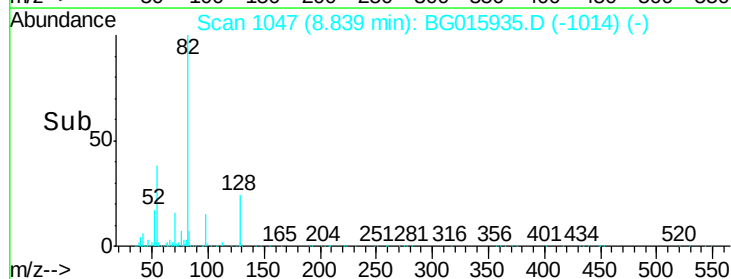
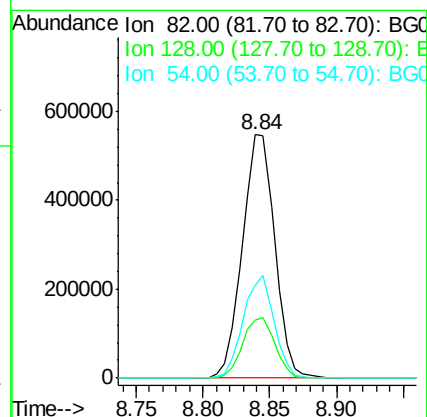
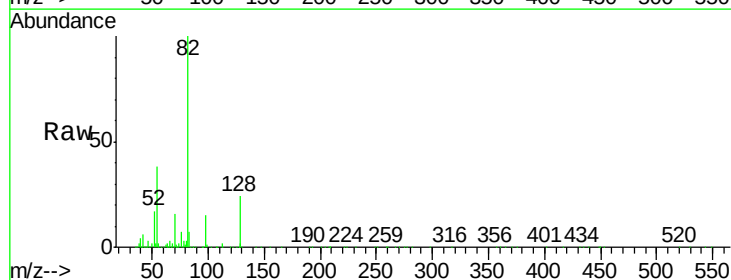
Instrument :
BNA_G
ClientSampleId :
121B1

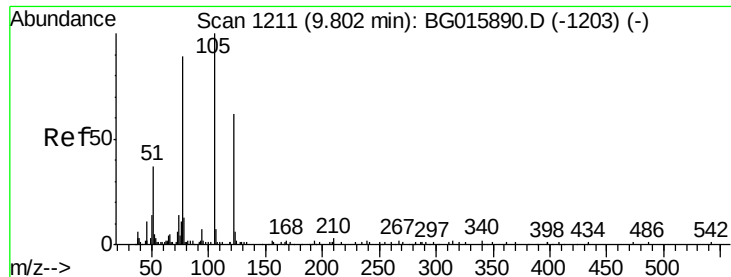
Tgt Ion:	136	Resp:	310720
Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.7	14.5
54	9.3	8.5	12.7
68	8.9	8.0	12.0



#23
Nitrobenzene-d5
Concen: 85.17 ng
RT: 8.84 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BG015935.D
Acq: 27 Jan 2015 7:25

Tgt Ion:	82	Resp:	918020
Ion	Ratio	Lower	Upper
82	100		
128	23.6	19.8	29.8
54	38.1	33.0	49.4

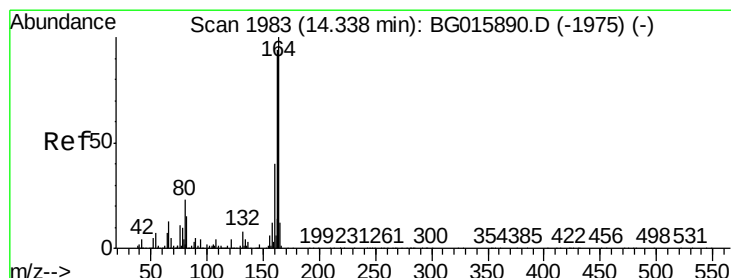
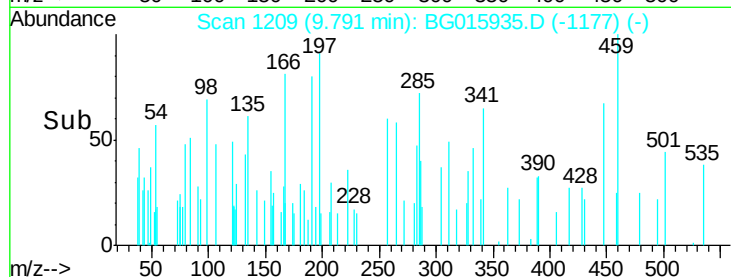
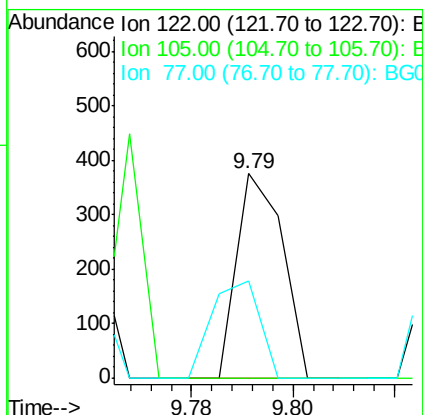
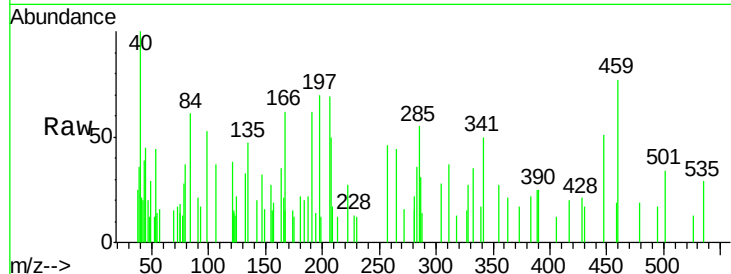




#32
Benzoic acid
Concen: 10.43 ng
RT: 9.79 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BG015935.D
Acq: 27 Jan 2015 7:25

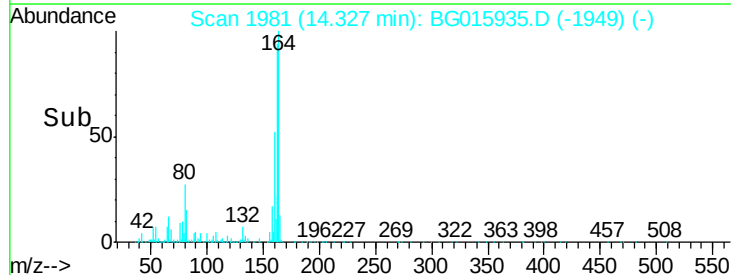
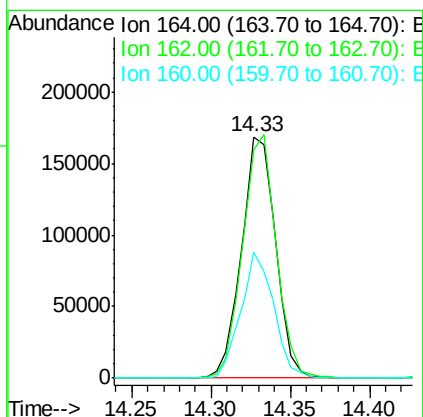
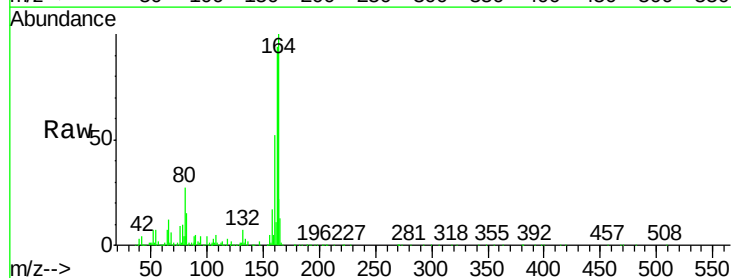
Instrument :
BNA_G
ClientSampleId :
121B1

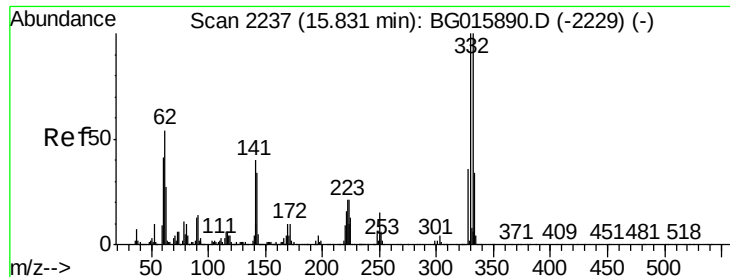
Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	140.2	180.2#
77	47.5	126.4	166.4#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.33 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BG015935.D
Acq: 27 Jan 2015 7:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	94.4	75.1	112.7
160	52.2	32.3	48.5#

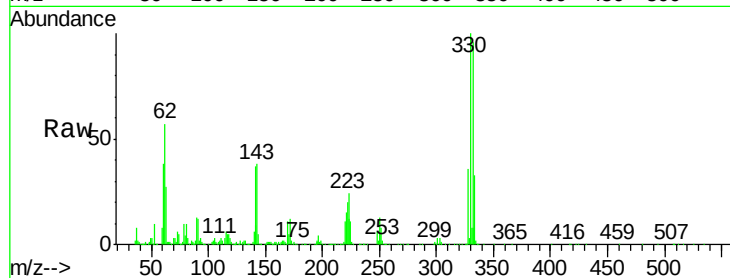




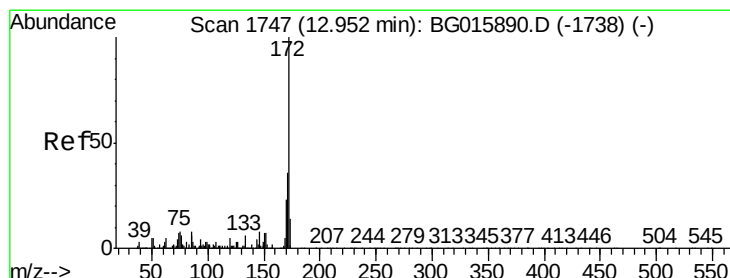
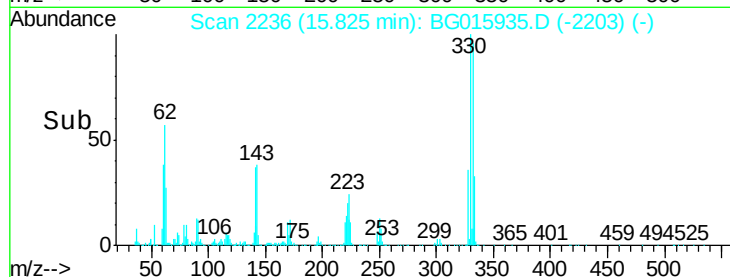
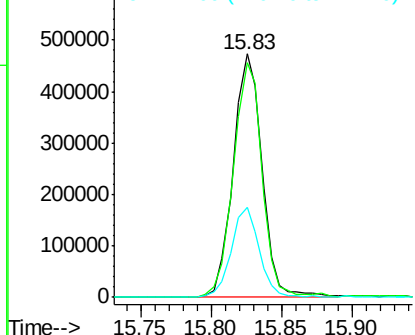
#41
2,4,6-Tribromophenol
Concen: 146.08 ng
RT: 15.83 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BG015935.D
Acq: 27 Jan 2015 7:25

Instrument :
BNA_G
ClientSampleId :
121B1

Tgt Ion:330 Resp: 673617
Ion Ratio Lower Upper
330 100
332 96.5 75.4 113.0
141 36.1 33.0 49.6

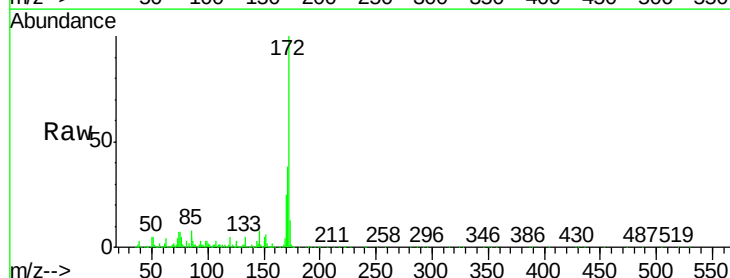


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

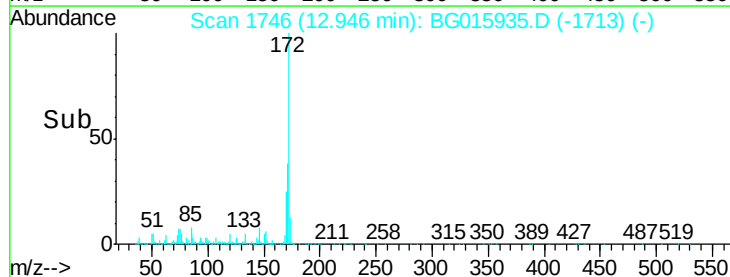
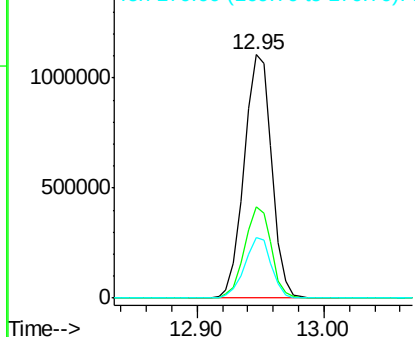


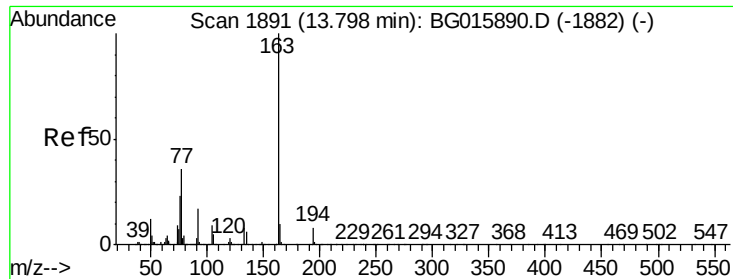
#44
2-Fluorobiphenyl
Concen: 103.90 ng
RT: 12.95 min Scan# 1746
Delta R.T. -0.01 min
Lab File: BG015935.D
Acq: 27 Jan 2015 7:25

Tgt Ion:172 Resp: 1668008
Ion Ratio Lower Upper
172 100
171 37.6 29.2 43.8
170 24.7 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





#49

Dimethylphthalate

Concen: 13.77 ng

RT: 13.79 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BG015935.D

Acq: 27 Jan 2015 7:25

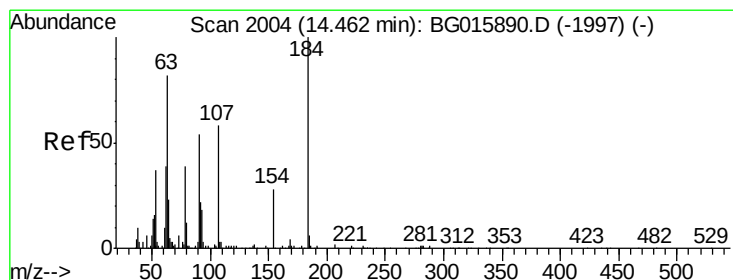
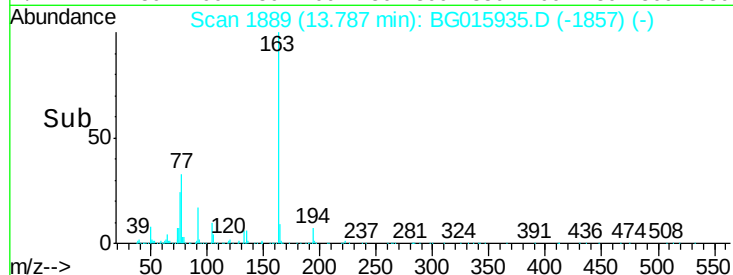
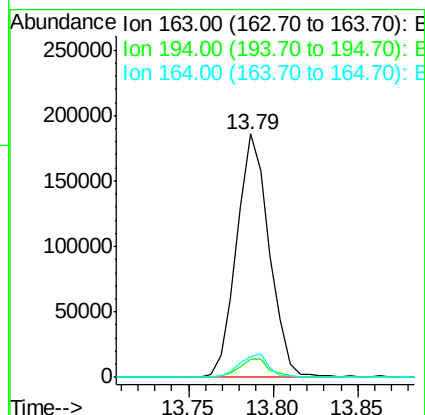
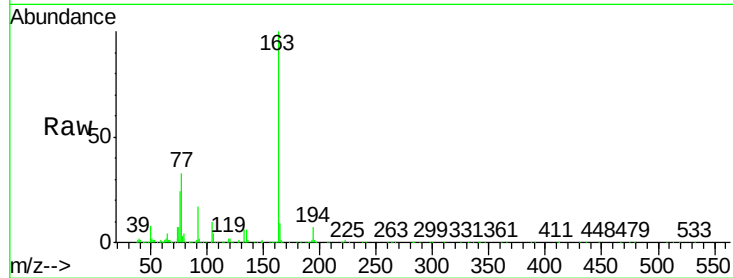
Instrument :

BNA_G

ClientSampled :

121B1

Tgt Ion:	163	Resp:	249587
Ion Ratio		Lower	Upper
163	100		
194	7.3	6.2	9.4
164	8.6	8.0	12.0



#53

2,4-Dinitrophenol

Concen: 4.73 ng

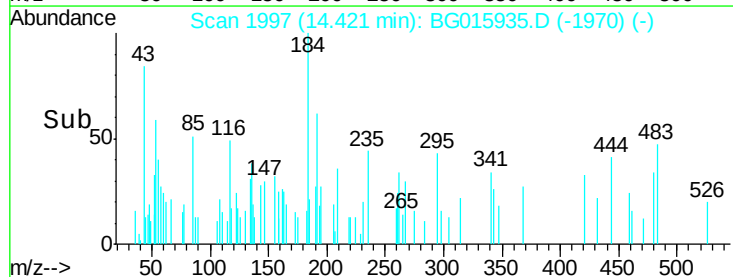
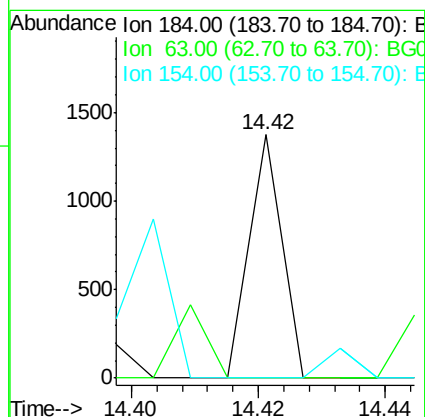
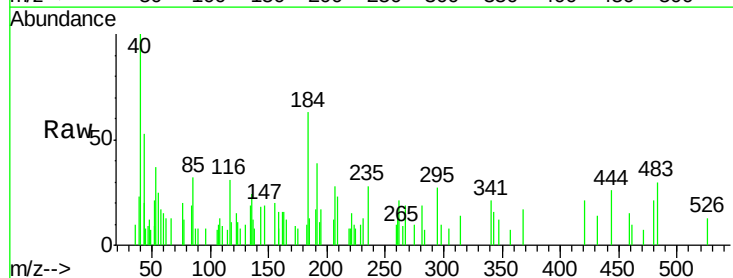
RT: 14.42 min Scan# 1997

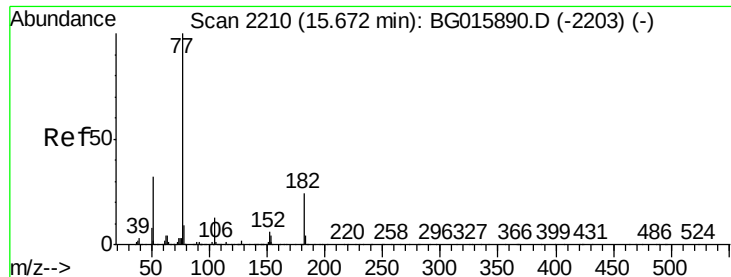
Delta R.T. -0.04 min

Lab File: BG015935.D

Acq: 27 Jan 2015 7:25

Tgt Ion:	184	Resp:	485
Ion Ratio		Lower	Upper
184	100		
63	0.0	68.6	103.0#
154	0.0	54.9	82.3#





#62

Azobenzene

Concen: 3.17 ng

RT: 15.70 min Scan# 2214

Delta R.T. 0.02 min

Lab File: BG015935.D

Acq: 27 Jan 2015 7:25

Instrument :

BNA_G

ClientSampleId :

121B1

Tgt Ion: 77 Resp: 95111

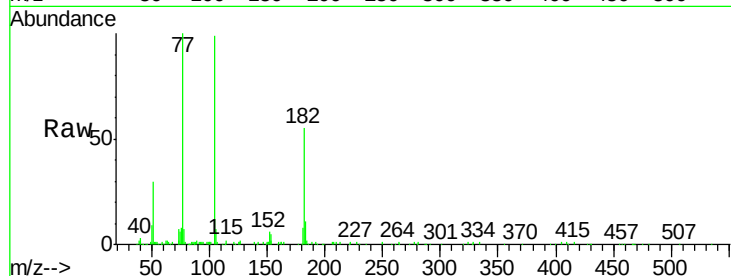
Ion Ratio Lower Upper

77 100

182 55.3 3.6 43.6#

105 99.2 0.0 32.9#

51 30.4 11.8 51.8

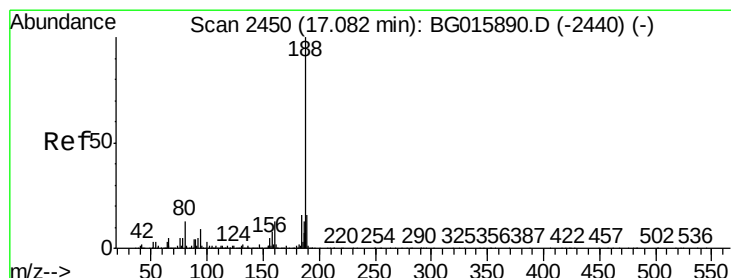
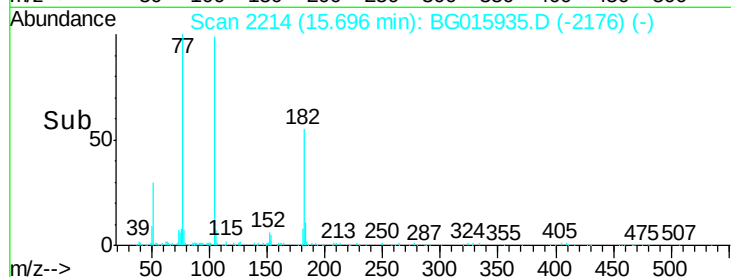
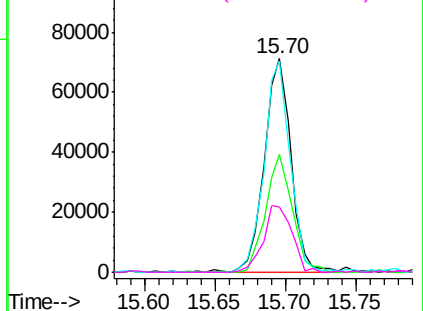


Abundance Ion 77.00 (76.70 to 77.70): BG015935.D (-2176) (-)

Ion 182.00 (181.70 to 182.70): BG015935.D (-2176) (-)

Ion 105.00 (104.70 to 105.70): BG015935.D (-2176) (-)

Ion 51.00 (50.70 to 51.70): BG015935.D (-2176) (-)



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.08 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BG015935.D

Acq: 27 Jan 2015 7:25

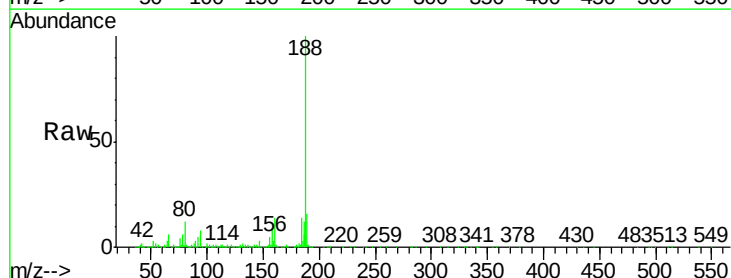
Tgt Ion: 188 Resp: 717355

Ion Ratio Lower Upper

188 100

94 8.4 7.8 11.8

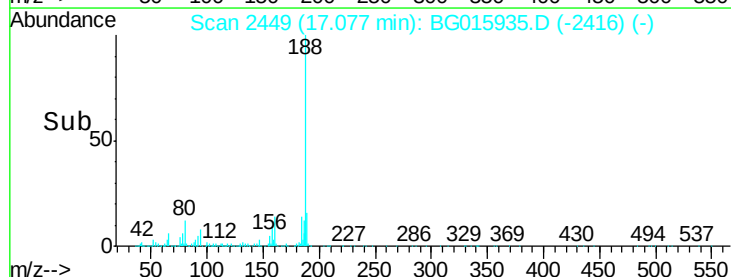
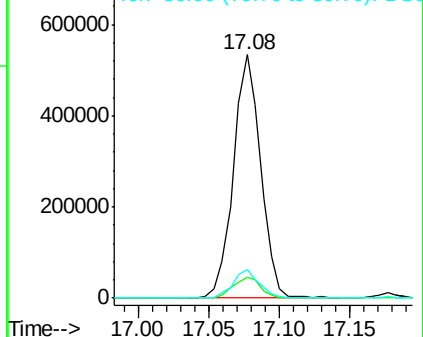
80 11.7 10.6 16.0

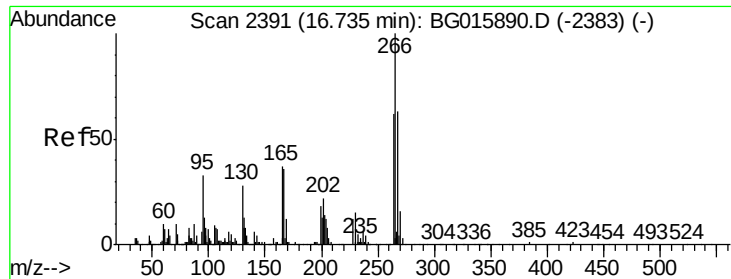


Abundance Ion 188.00 (187.70 to 188.70): BG015935.D (-2416) (-)

Ion 94.00 (93.70 to 94.70): BG015935.D (-2416) (-)

Ion 80.00 (79.70 to 80.70): BG015935.D (-2416) (-)





#69

Pentachlorophenol

Concen: 5.24 ng

RT: 16.74 min Scan# 2391

Delta R.T. 0.00 min

Lab File: BG015935.D

Acq: 27 Jan 2015 7:25

Instrument :

BNA_G

ClientSampleId :

121B1

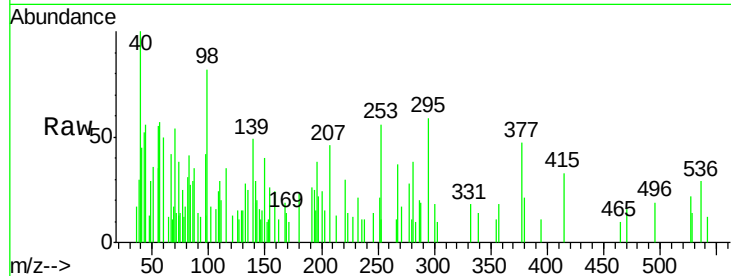
Tgt Ion:266 Resp: 64

Ion Ratio Lower Upper

266 100

268 0.0 53.5 80.3#

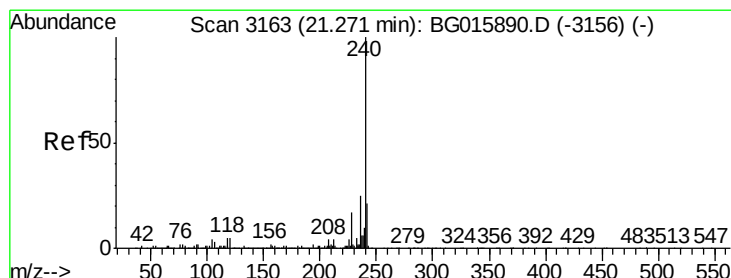
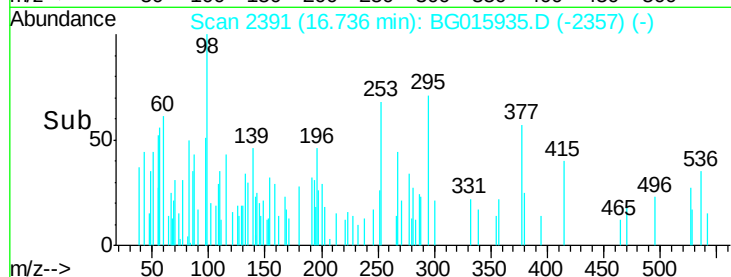
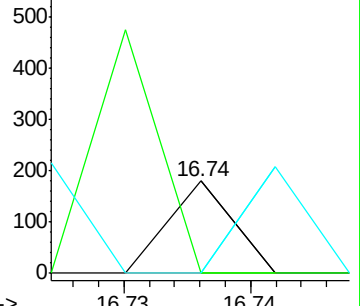
264 0.0 51.9 77.9#



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.27 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG015935.D

Acq: 27 Jan 2015 7:25

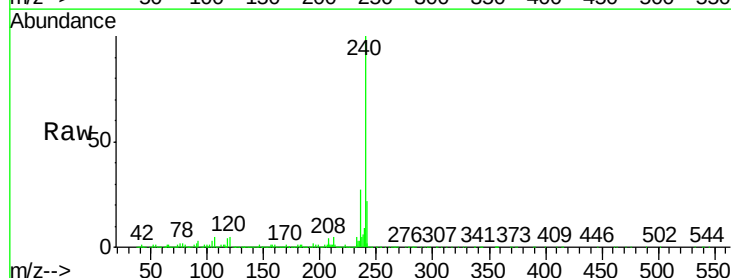
Tgt Ion:240 Resp: 1002013

Ion Ratio Lower Upper

240 100

120 4.7 3.9 5.9

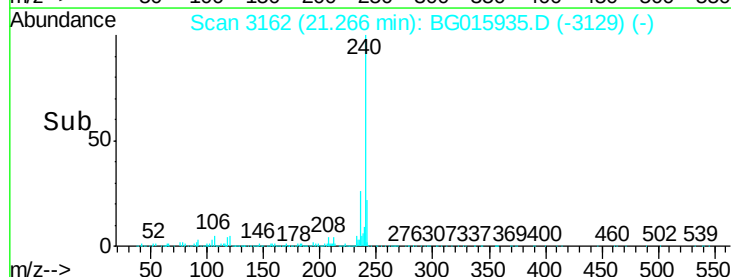
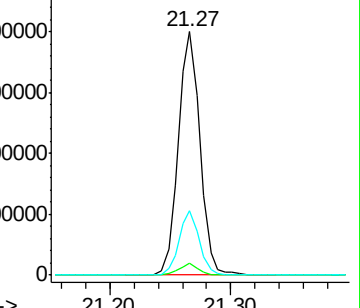
236 26.5 20.0 30.0

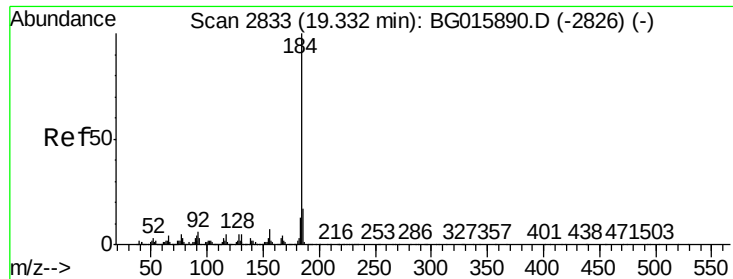


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 2.00 ng

RT: 19.33 min Scan# 2833

Delta R.T. 0.00 min

Lab File: BG015935.D

Acq: 27 Jan 2015 7:25

Instrument :

BNA_G

ClientSampleId :

121B1

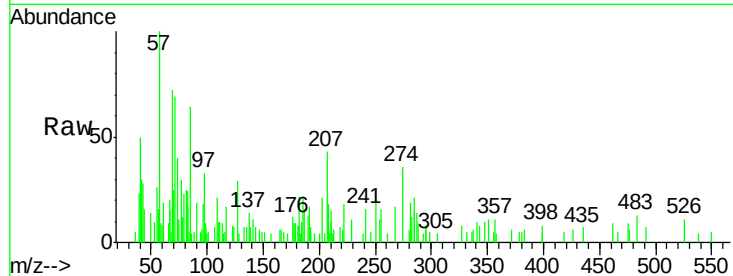
Tgt Ion:184 Resp: 345

Ion Ratio Lower Upper

184 100

185 202.0 13.3 19.9#

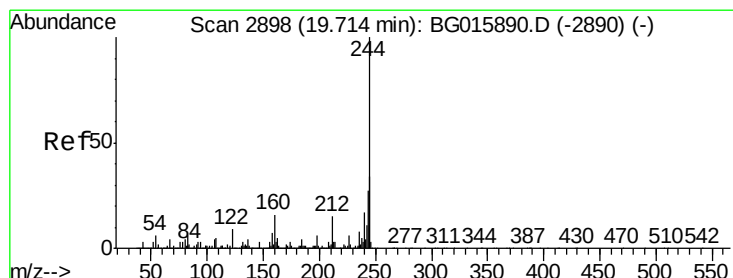
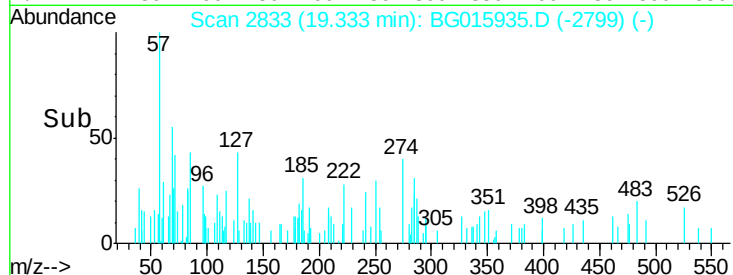
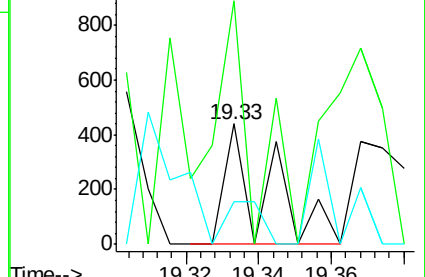
183 35.0 10.1 15.1#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 98.26 ng

RT: 19.71 min Scan# 2898

Delta R.T. 0.00 min

Lab File: BG015935.D

Acq: 27 Jan 2015 7:25

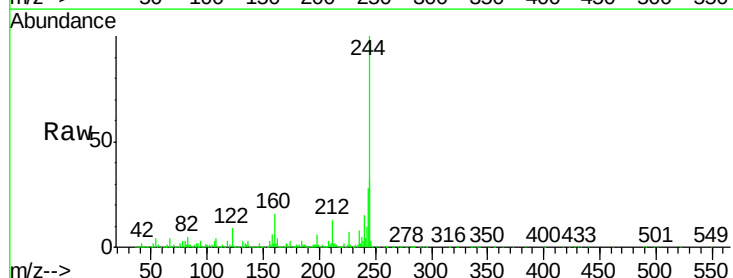
Tgt Ion:244 Resp: 3268777

Ion Ratio Lower Upper

244 100

212 12.7 11.6 17.4

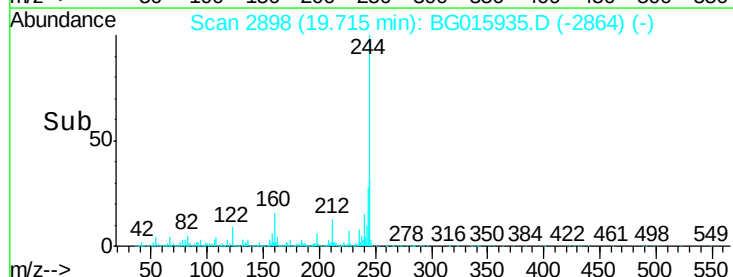
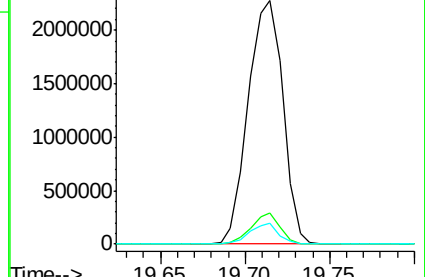
122 8.5 7.0 10.4

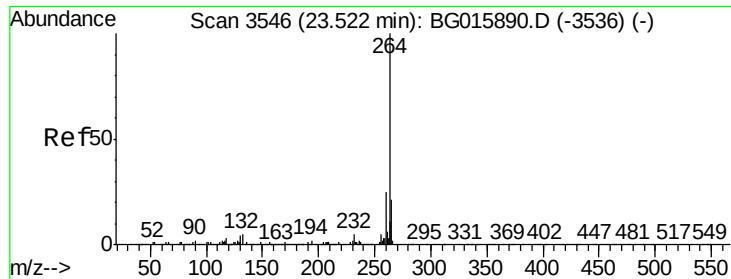


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.52 min Scan# 3546
Delta R.T. 0.00 min
Lab File: BG015935.D
Acq: 27 Jan 2015 7:25

Instrument :
BNA_G
ClientSampleId :
121B1

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.7	29.5
265	22.4	17.3	25.9

