

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
 Data File : BG015934.D
 Acq On : 27 Jan 2015 6:51
 Operator : TP/IZ
 Sample : G1139-10
 Misc : S
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 121B2C

Quant Time: Jan 27 09:50:31 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

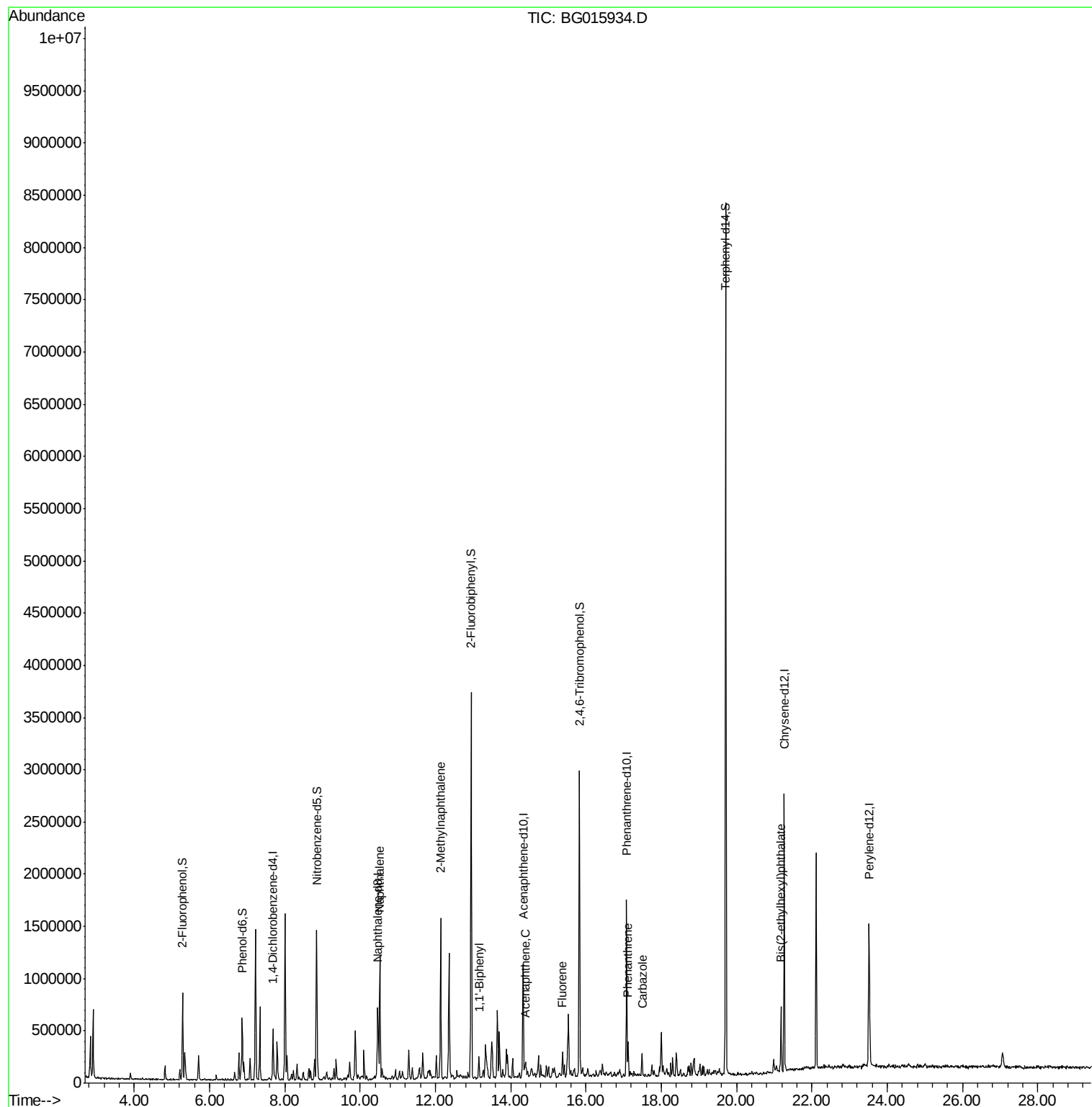
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	96494	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	387160	20.00	ng	-0.01
38) Acenaphthene-d10	14.33	164	309812	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	872672	20.00	ng	0.00
75) Chrysene-d12	21.27	240	1239220	20.00	ng	0.00
86) Perylene-d12	23.52	264	1155998	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	272812	42.10	ng	0.00
7) Phenol-d6	6.86	99	293315	28.09	ng	0.00
23) Nitrobenzene-d5	8.84	82	895304	66.66	ng	0.00
41) 2,4,6-Tribromophenol	15.82	330	490071	86.41	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	1593934	80.72	ng	0.00
78) Terphenyl-d14	19.71	244	3109511	65.98	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.52	128	646974	32.65	ng	97
37) 2-Methylnaphthalene	12.13	142	593313	37.70	ng	88
45) 1,1'-Biphenyl	13.16	154	74781	3.82	ng	91
51) Acenaphthene	14.39	154	39859	2.53	ng	91
57) Fluorene	15.38	166	79299	3.38	ng	# 93
70) Phenanthrene	17.12	178	173594	3.96	ng	93
72) Carbazole	17.49	167	121549	3.21	ng	96
83) Bis(2-ethylhexyl)phthalate	21.18	149	179429	6.18	ng	98

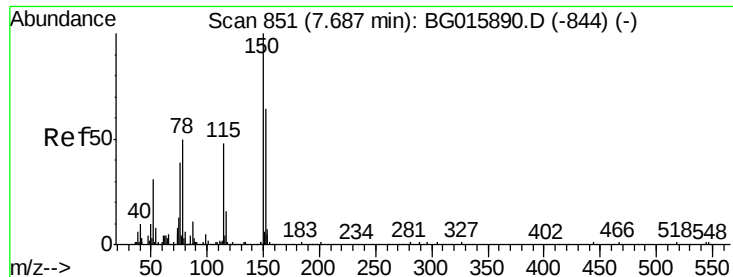
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015934.D
Acq On : 27 Jan 2015 6:51
Operator : TP/IZ
Sample : G1139-10
Misc : S
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
121B2C

Quant Time: Jan 27 09:50:31 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.69 min Scan# 851

Delta R.T. 0.00 min

Lab File: BG015934.D

Acq: 27 Jan 2015 6:51

Instrument :

BNA_G

ClientSampleId :

121B2C

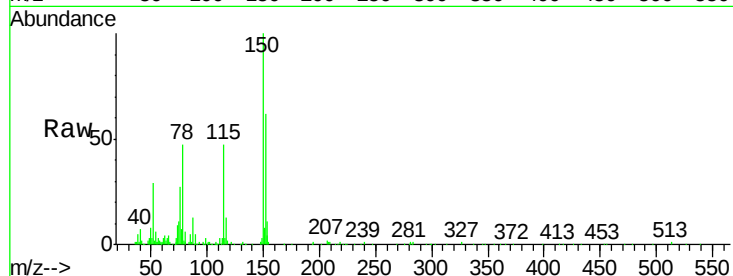
Tgt Ion:152 Resp: 96494

Ion Ratio Lower Upper

152 100

150 161.3 124.5 186.7

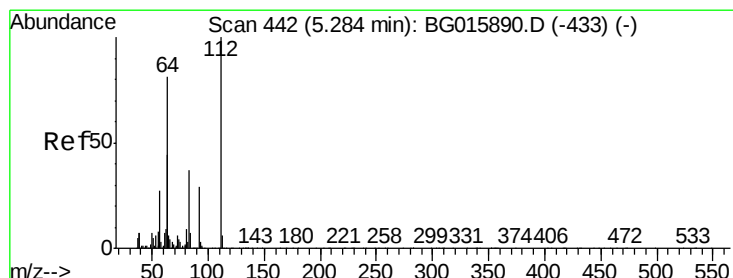
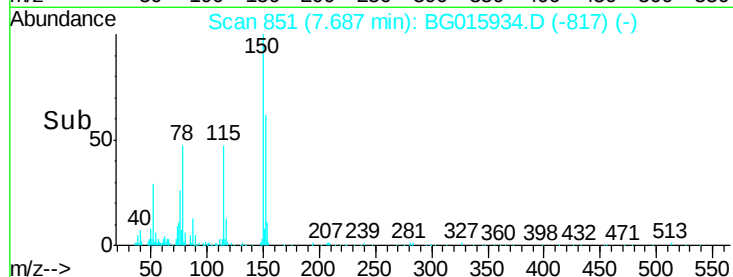
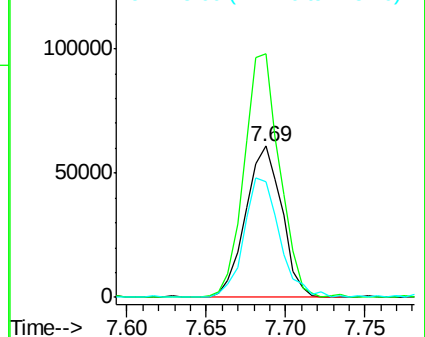
115 76.3 60.4 90.6



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: 42.10 ng

RT: 5.28 min Scan# 441

Delta R.T. -0.01 min

Lab File: BG015934.D

Acq: 27 Jan 2015 6:51

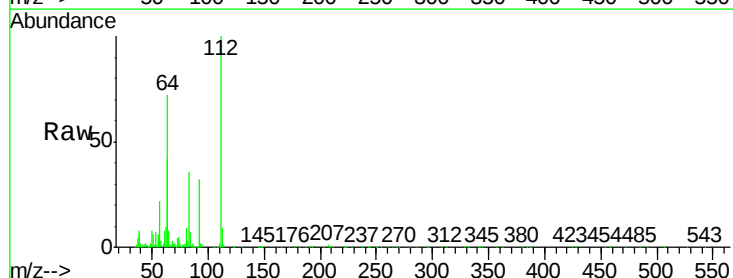
Tgt Ion:112 Resp: 272812

Ion Ratio Lower Upper

112 100

64 71.8 64.4 96.6

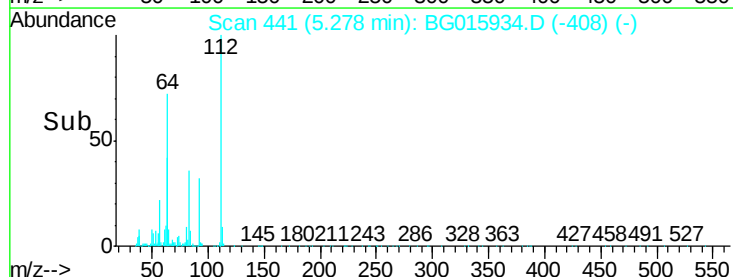
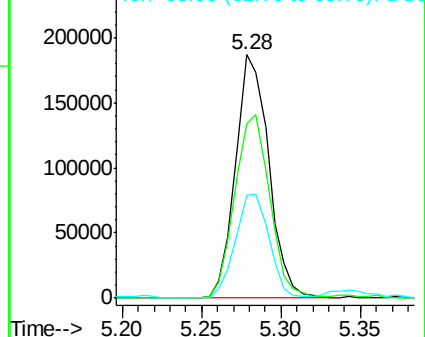
63 42.4 35.1 52.7

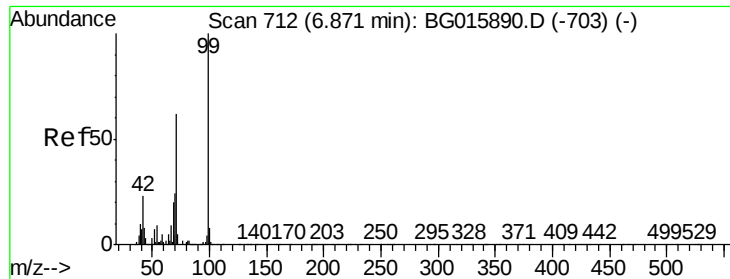


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 28.09 ng

RT: 6.86 min Scan# 711

Delta R.T. -0.01 min

Lab File: BG015934.D

Acq: 27 Jan 2015 6:51

Instrument :

BNA_G

ClientSampleId :

121B2C

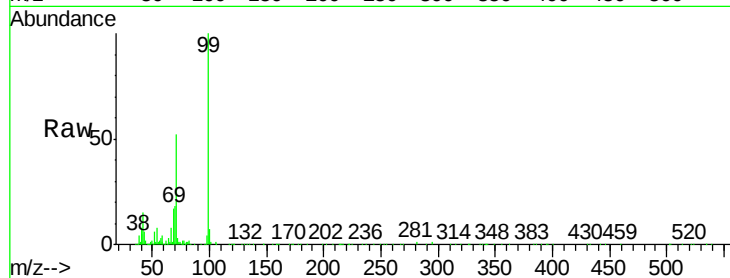
Tgt Ion: 99 Resp: 293315

Ion Ratio Lower Upper

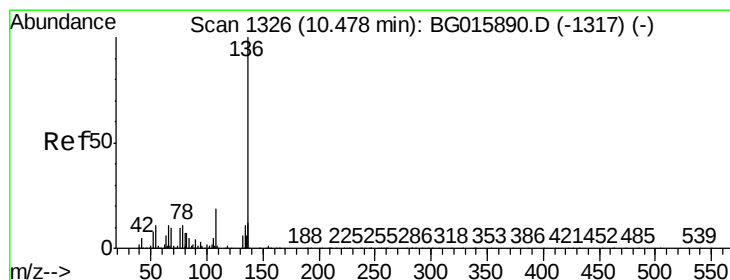
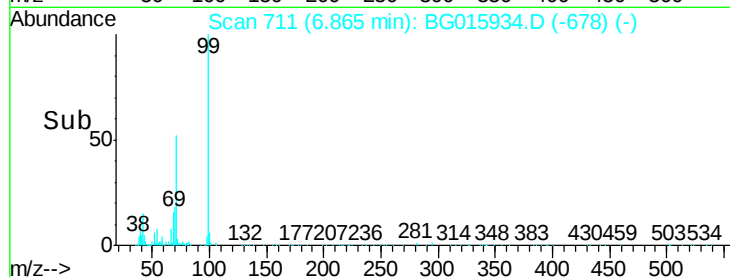
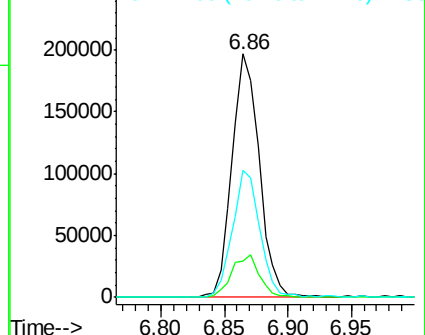
99 100

42 15.0 18.1 27.1#

71 52.3 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.47 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BG015934.D

Acq: 27 Jan 2015 6:51

Tgt Ion: 136 Resp: 387160

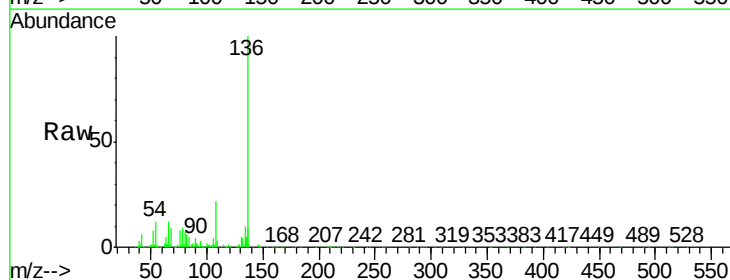
Ion Ratio Lower Upper

136 100

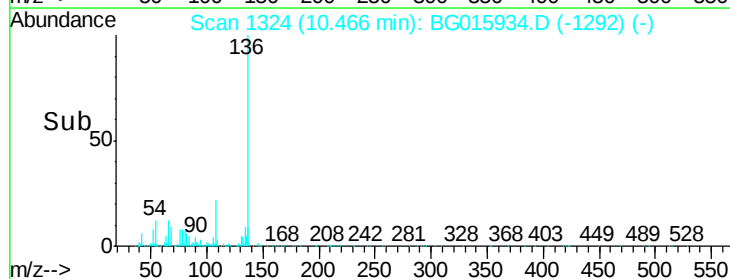
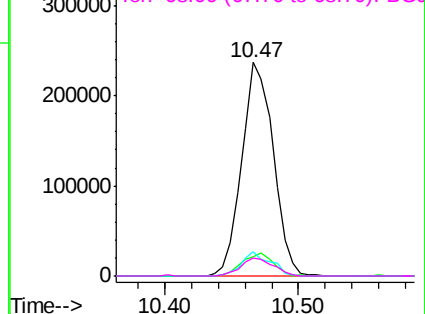
137 8.8 9.7 14.5#

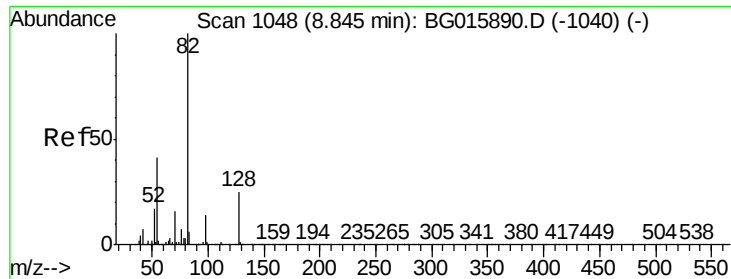
54 11.9 8.5 12.7

68 8.6 8.0 12.0



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

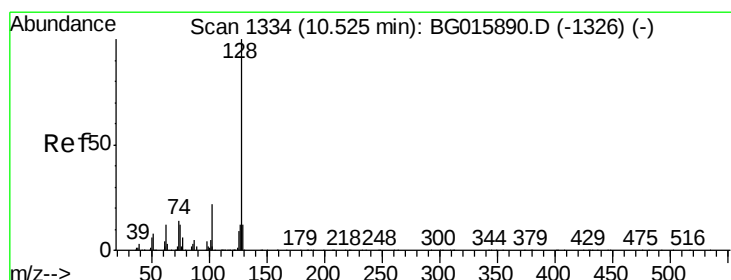
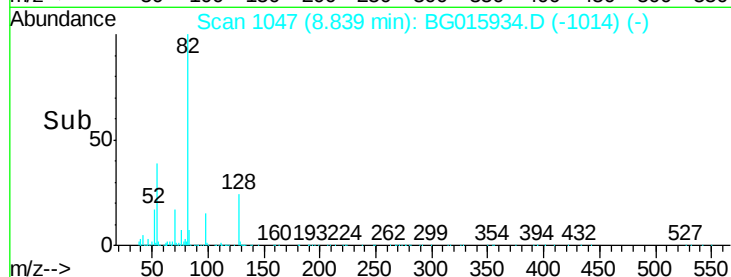
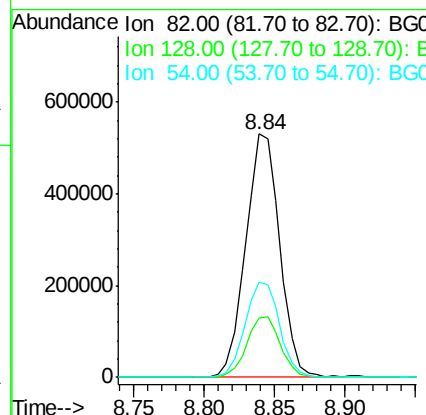
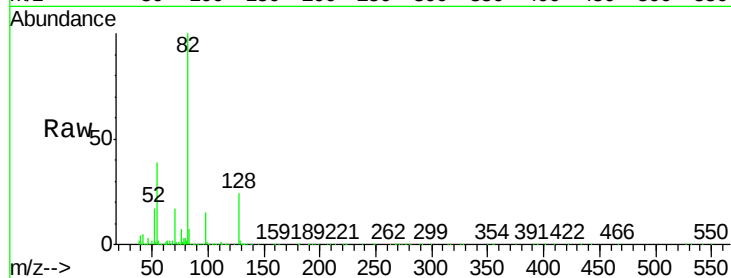




#23
Nitrobenzene-d5
Concen: 66.66 ng
RT: 8.84 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BG015934.D
Acq: 27 Jan 2015 6:51

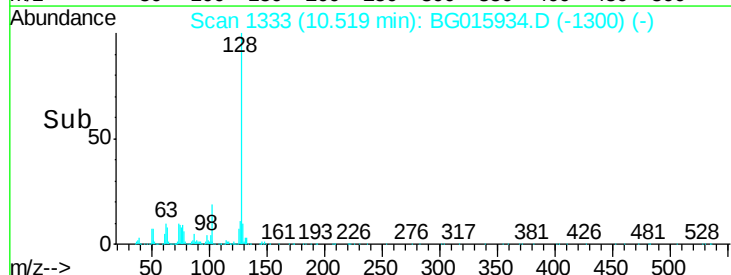
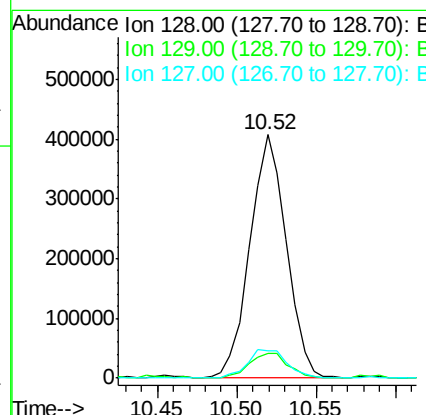
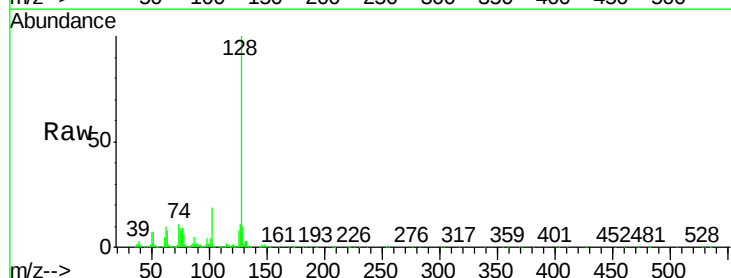
Instrument :
BNA_G
ClientSampleId :
121B2C

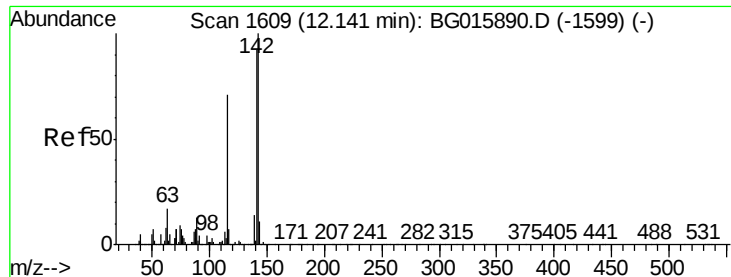
Tgt Ion	Ratio	Lower	Upper
82	100		
128	24.1	19.8	29.8
54	39.0	33.0	49.4



#31
Naphthalene
Concen: 32.65 ng
RT: 10.52 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BG015934.D
Acq: 27 Jan 2015 6:51

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.1	9.7	14.5
127	11.5	9.8	14.6

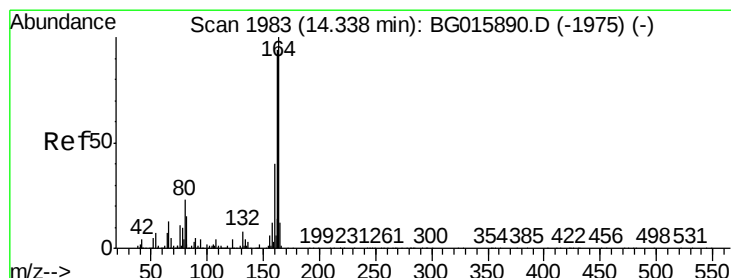
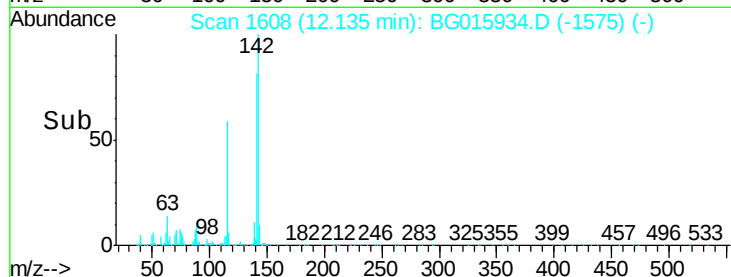
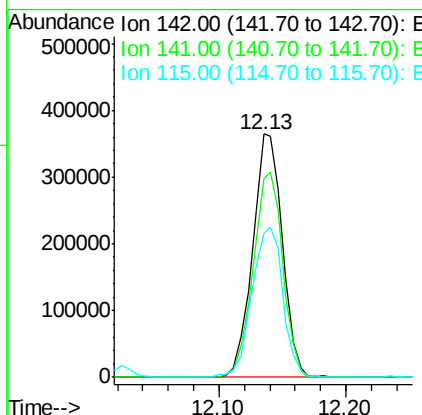
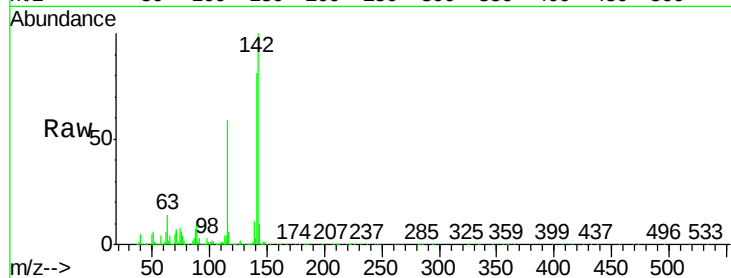




#37
2-Methylnaphthalene
Concen: 37.70 ng
RT: 12.13 min Scan# 1608
Delta R.T. -0.01 min
Lab File: BG015934.D
Acq: 27 Jan 2015 6:51

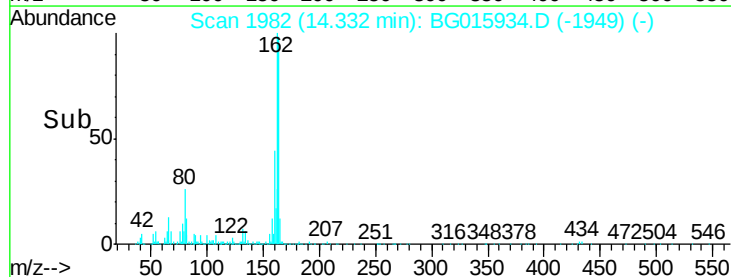
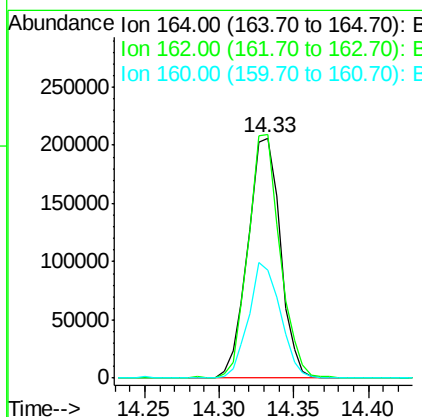
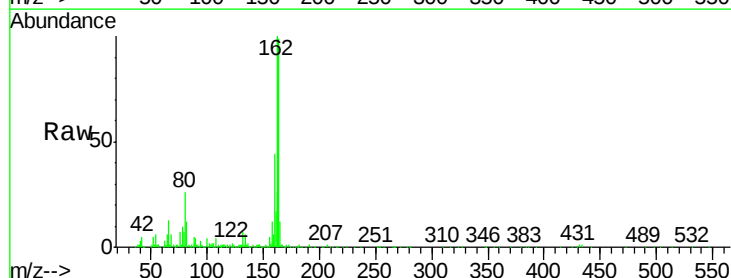
Instrument :
BNA_G
ClientSampleId :
121B2C

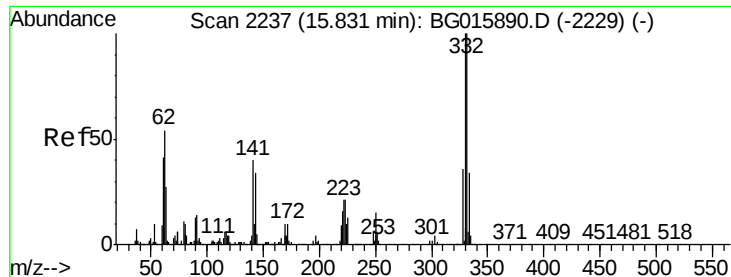
Tgt Ion	Ratio	Lower	Upper
142	100		
141	81.4	73.8	110.8
115	59.2	56.6	84.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.33 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BG015934.D
Acq: 27 Jan 2015 6:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	75.1	112.7
160	45.0	32.3	48.5

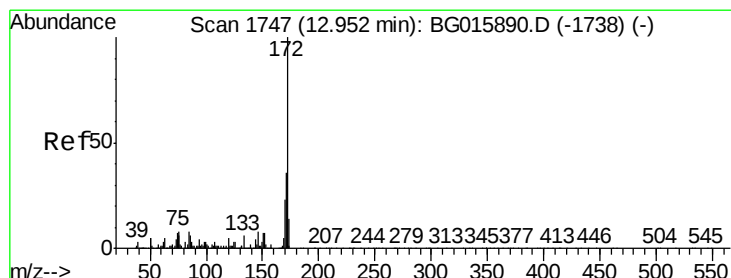
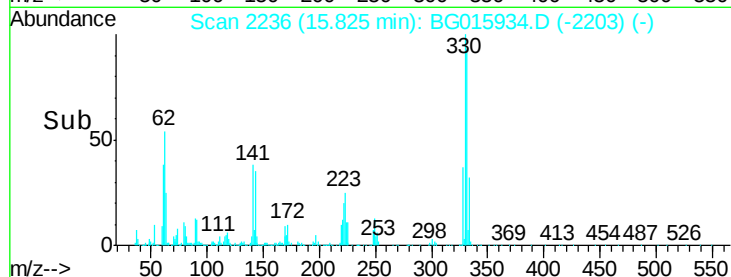
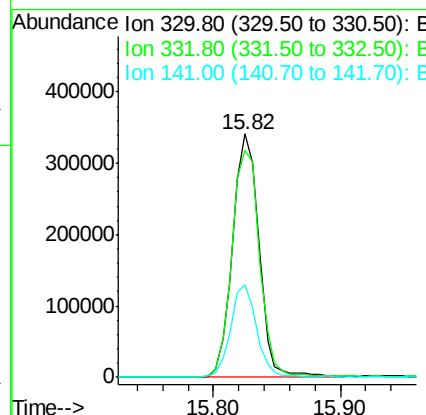
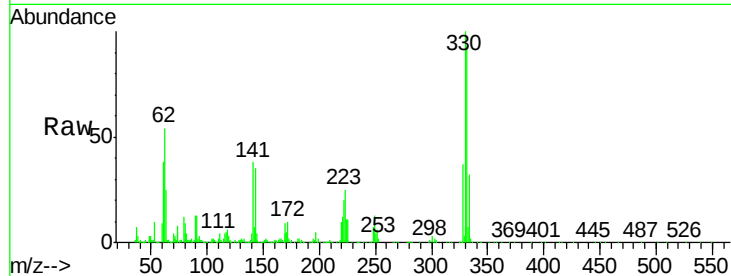




#41
 2,4,6-Tribromophenol
 Concen: 86.41 ng
 RT: 15.82 min Scan# 2236
 Delta R.T. -0.01 min
 Lab File: BG015934.D
 Acq: 27 Jan 2015 6:51

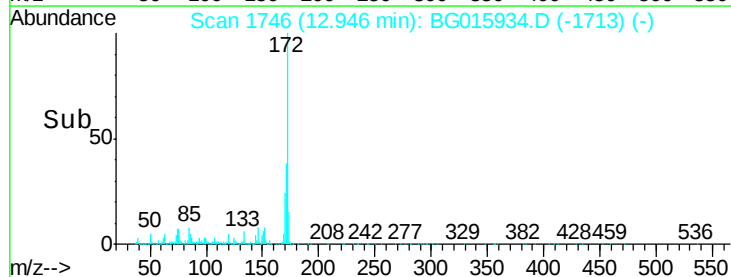
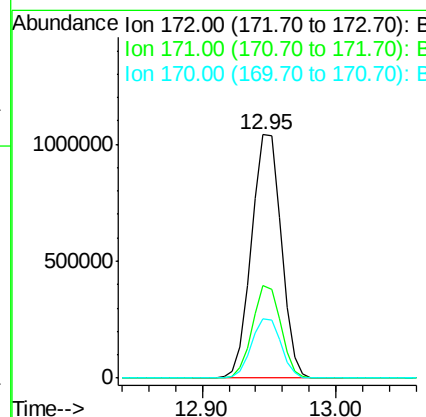
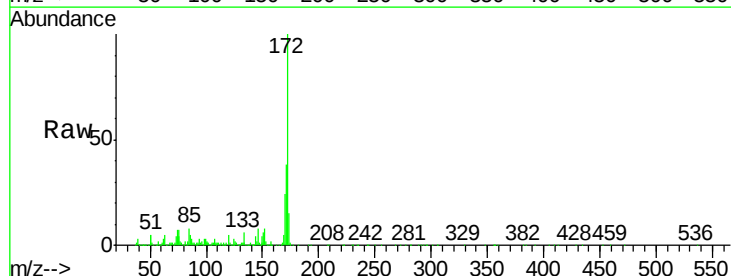
Instrument :
 BNA_G
 ClientSampleId :
 121B2C

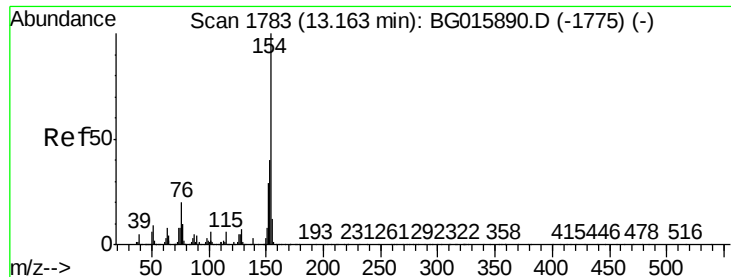
Tgt Ion:330 Resp: 490071
 Ion Ratio Lower Upper
 330 100
 332 98.7 75.4 113.0
 141 36.9 33.0 49.6



#44
 2-Fluorobiphenyl
 Concen: 80.72 ng
 RT: 12.95 min Scan# 1746
 Delta R.T. -0.01 min
 Lab File: BG015934.D
 Acq: 27 Jan 2015 6:51

Tgt Ion:172 Resp: 1593934
 Ion Ratio Lower Upper
 172 100
 171 37.8 29.2 43.8
 170 24.3 18.6 27.8

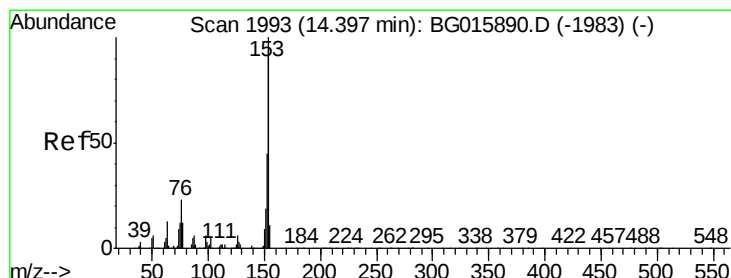
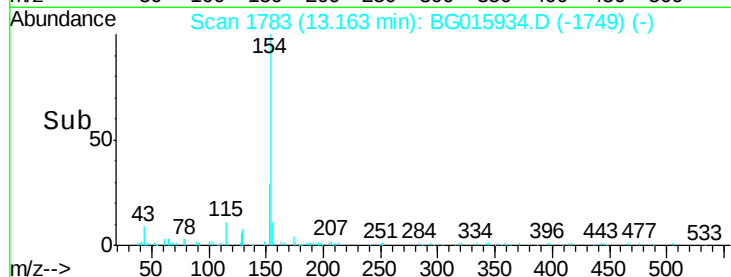
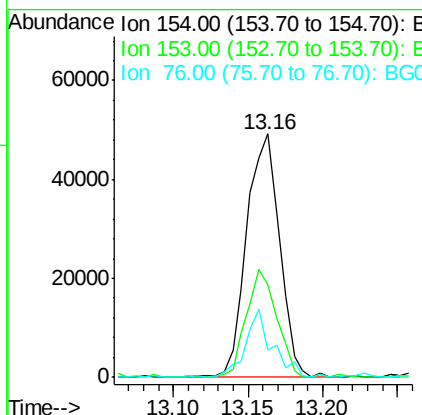
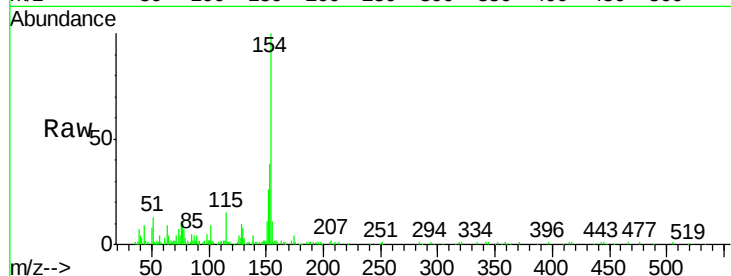




#45
 1,1'-Biphenyl
 Concen: 3.82 ng
 RT: 13.16 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: BG015934.D
 Acq: 27 Jan 2015 6:51

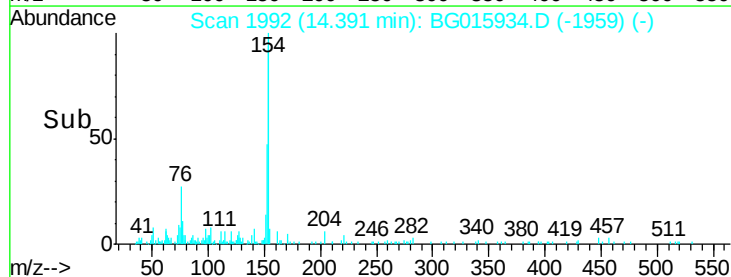
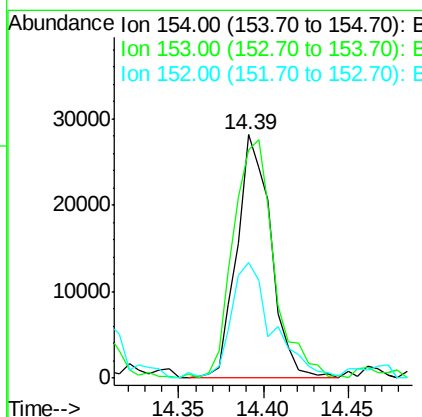
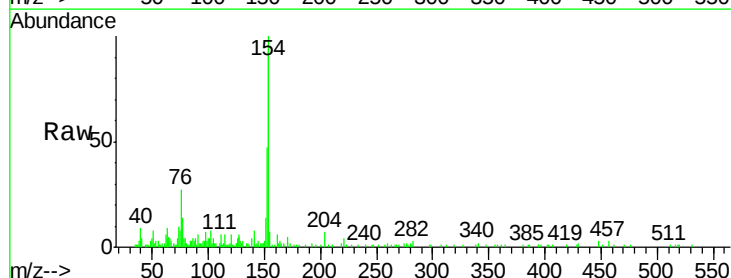
Instrument :
 BNA_G
 ClientSampleId :
 121B2C

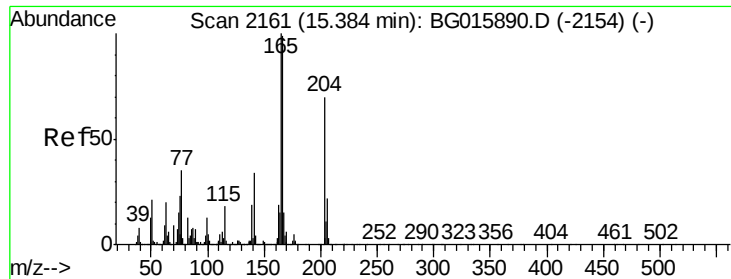
Tgt Ion	Ratio	Lower	Upper
154	100		
153	38.2	20.4	60.4
76	11.0	0.2	40.2



#51
 Acenaphthene
 Concen: 2.53 ng
 RT: 14.39 min Scan# 1992
 Delta R.T. -0.01 min
 Lab File: BG015934.D
 Acq: 27 Jan 2015 6:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	93.9	85.1	127.7
152	47.5	38.3	57.5

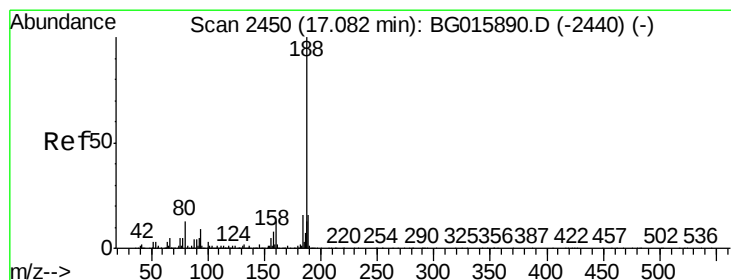
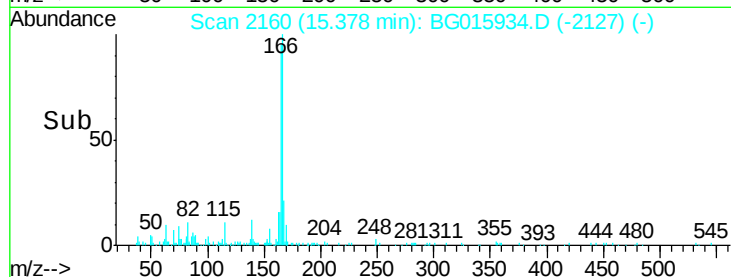
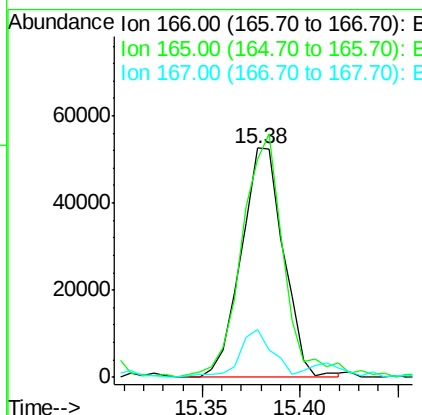
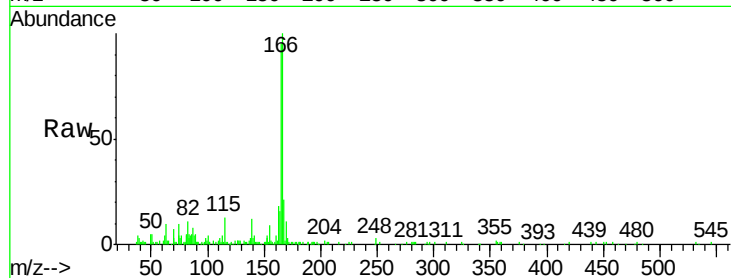




#57
Fluorene
 Concen: 3.38 ng
 RT: 15.38 min Scan# 2160
 Delta R.T. -0.01 min
 Lab File: BG015934.D
 Acq: 27 Jan 2015 6:51

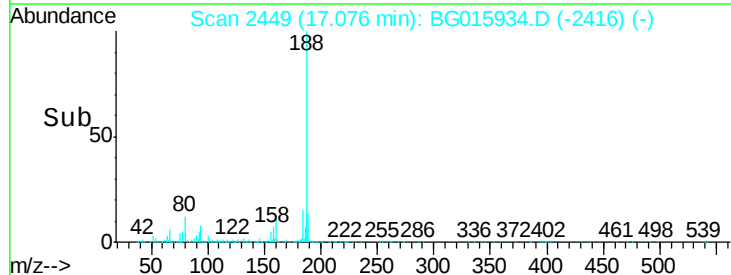
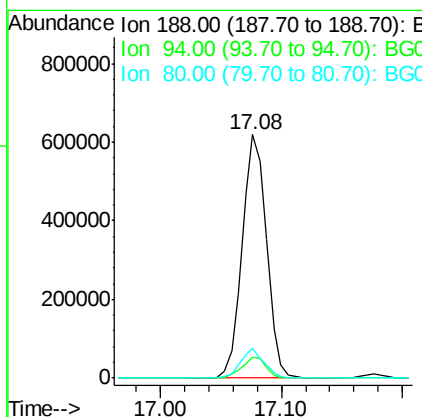
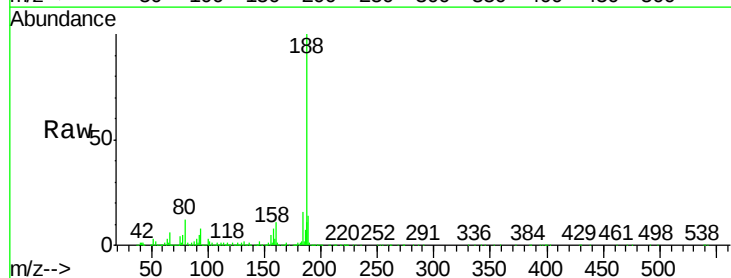
Instrument :
 BNA_G
 ClientSampleId :
 121B2C

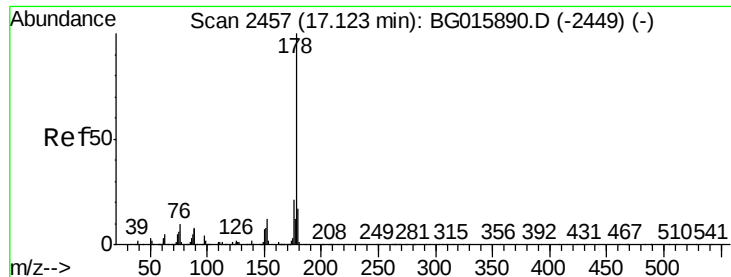
Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.8	80.6	120.8
167	20.7	12.5	18.7#



#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.08 min Scan# 2449
 Delta R.T. -0.01 min
 Lab File: BG015934.D
 Acq: 27 Jan 2015 6:51

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.8	11.8
80	12.3	10.6	16.0





#70

Phenanthrene

Concen: 3.96 ng

RT: 17.12 min Scan# 2456

Delta R.T. -0.01 min

Lab File: BG015934.D

Acq: 27 Jan 2015 6:51

Instrument :

BNA_G

ClientSampleId :

121B2C

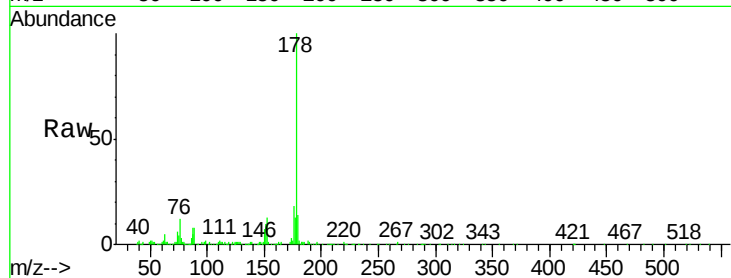
Tgt Ion:178 Resp: 173594

Ion Ratio Lower Upper

178 100

176 17.9 16.9 25.3

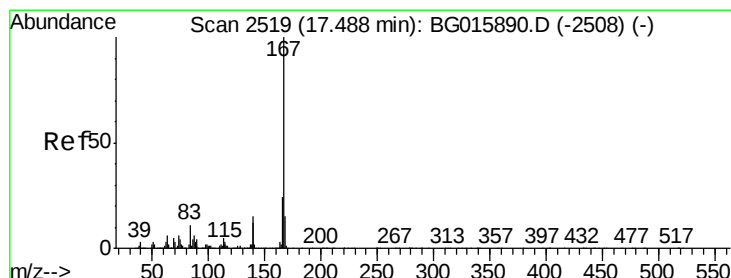
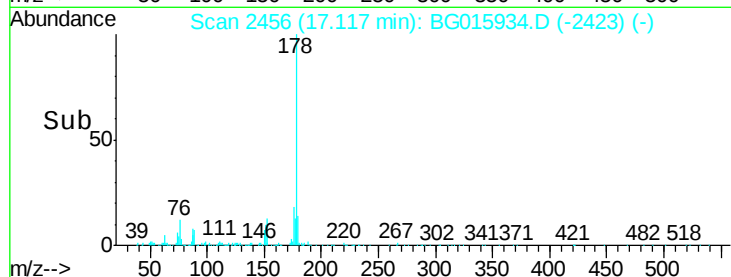
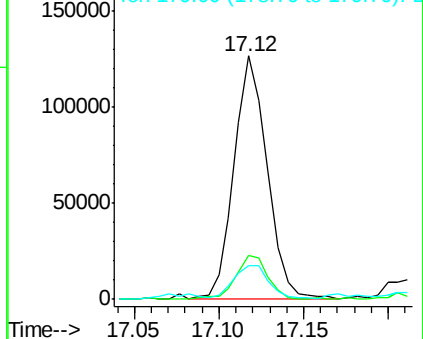
179 13.7 13.3 19.9



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 3.21 ng

RT: 17.49 min Scan# 2519

Delta R.T. 0.00 min

Lab File: BG015934.D

Acq: 27 Jan 2015 6:51

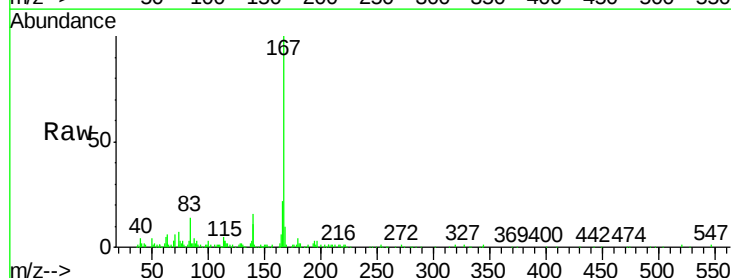
Tgt Ion:167 Resp: 121549

Ion Ratio Lower Upper

167 100

166 21.9 19.4 29.2

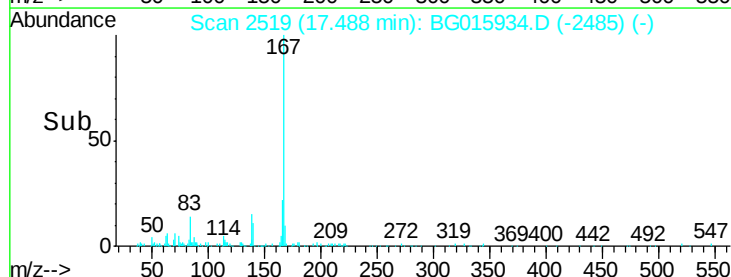
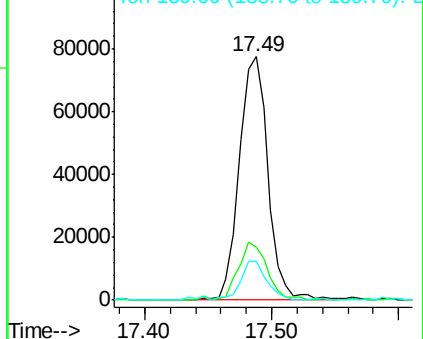
139 16.1 12.2 18.2

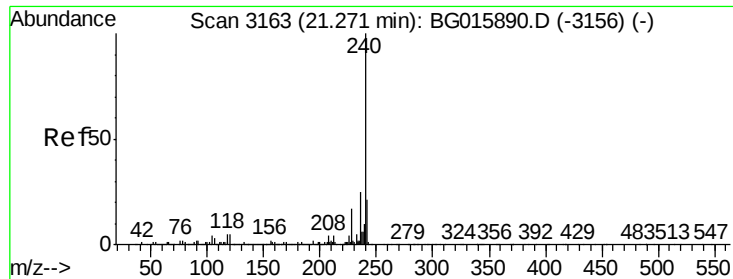


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

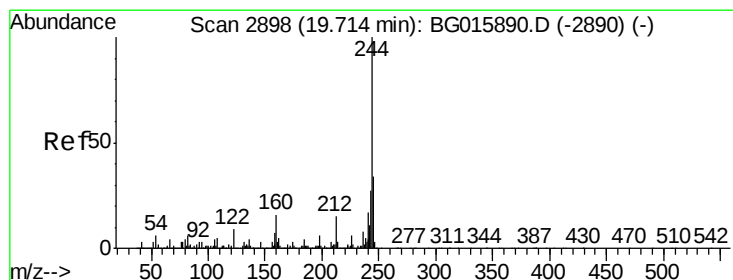
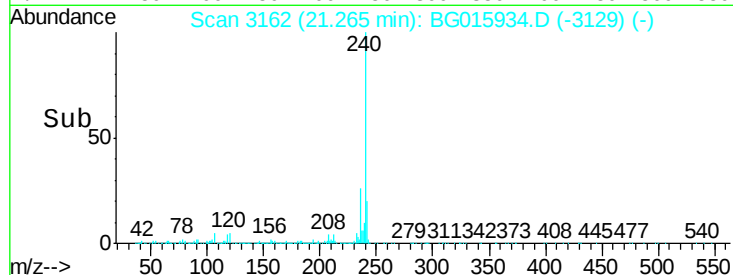
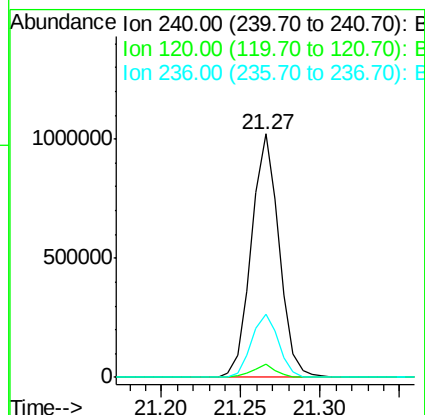
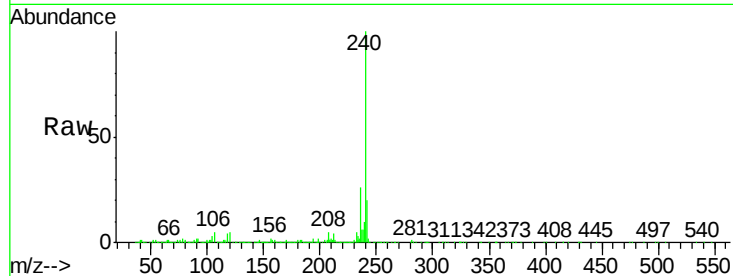




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.27 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BG015934.D
Acq: 27 Jan 2015 6:51

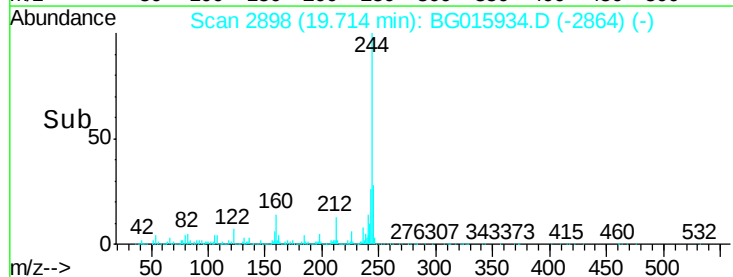
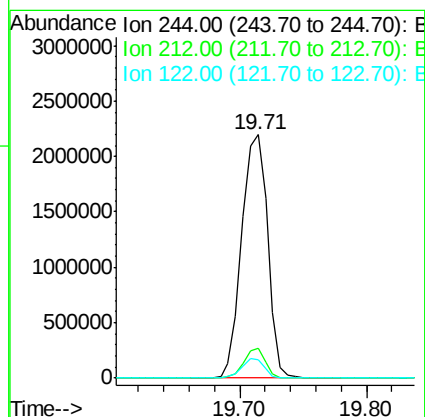
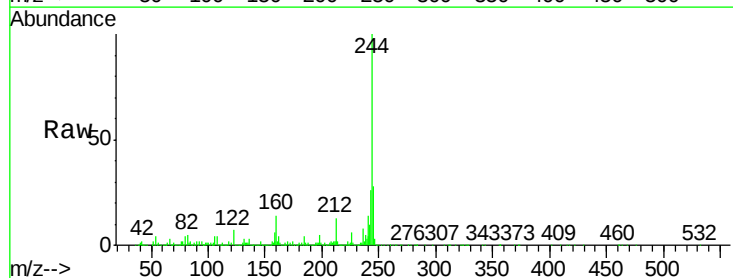
Instrument :
BNA_G
ClientSampleId :
121B2C

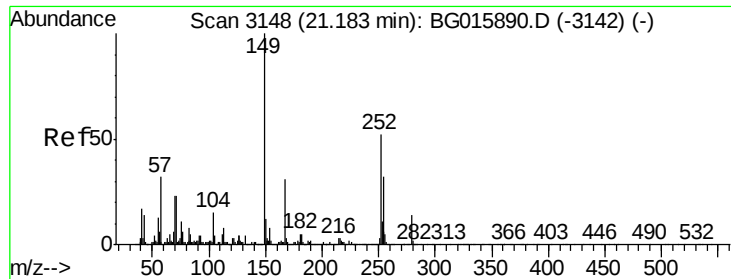
Tgt Ion:240 Resp: 1239220
Ion Ratio Lower Upper
240 100
120 5.3 3.9 5.9
236 26.1 20.0 30.0



#78
Terphenyl-d14
Concen: 65.98 ng
RT: 19.71 min Scan# 2898
Delta R.T. 0.00 min
Lab File: BG015934.D
Acq: 27 Jan 2015 6:51

Tgt Ion:244 Resp: 3109511
Ion Ratio Lower Upper
244 100
212 12.5 11.6 17.4
122 7.3 7.0 10.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 6.18 ng

RT: 21.18 min Scan# 3148

Delta R.T. 0.00 min

Lab File: BG015934.D

Acq: 27 Jan 2015 6:51

Instrument :

BNA_G

ClientSampleId :

121B2C

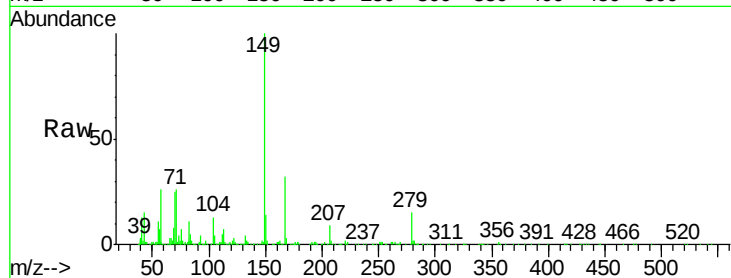
Tgt Ion:149 Resp: 179429

Ion Ratio Lower Upper

149 100

167 32.4 25.1 37.7

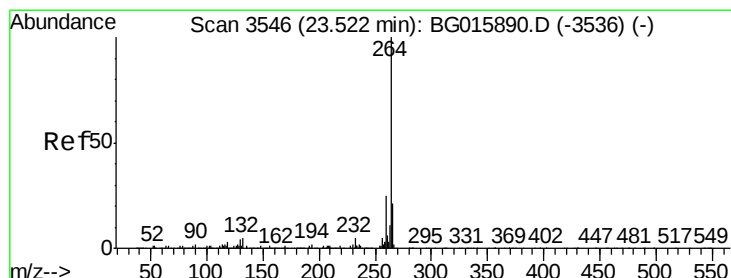
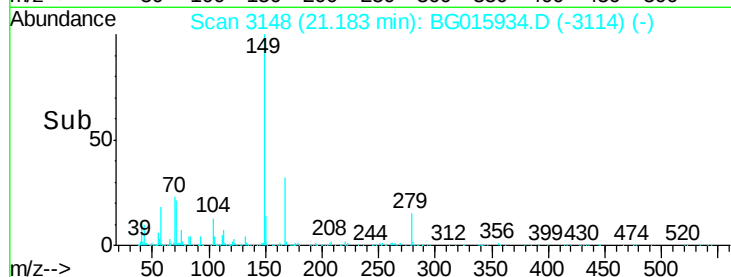
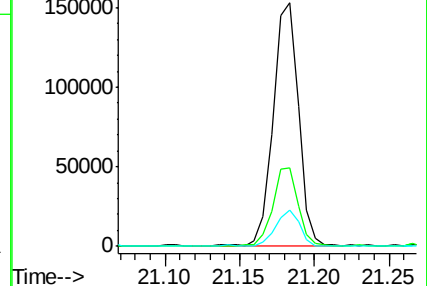
279 15.0 11.2 16.8



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.52 min Scan# 3546

Delta R.T. 0.00 min

Lab File: BG015934.D

Acq: 27 Jan 2015 6:51

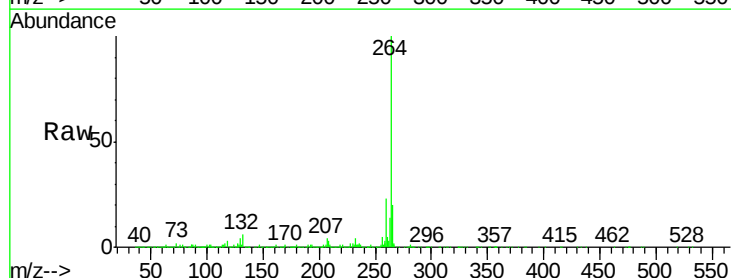
Tgt Ion:264 Resp: 1155998

Ion Ratio Lower Upper

264 100

260 23.1 19.7 29.5

265 19.9 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

