

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
 Data File : BG015931.D
 Acq On : 27 Jan 2015 2:40
 Operator : TP/IZ
 Sample : G1139-09
 Misc : S
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 121B2B

Quant Time: Jan 27 04:08:38 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

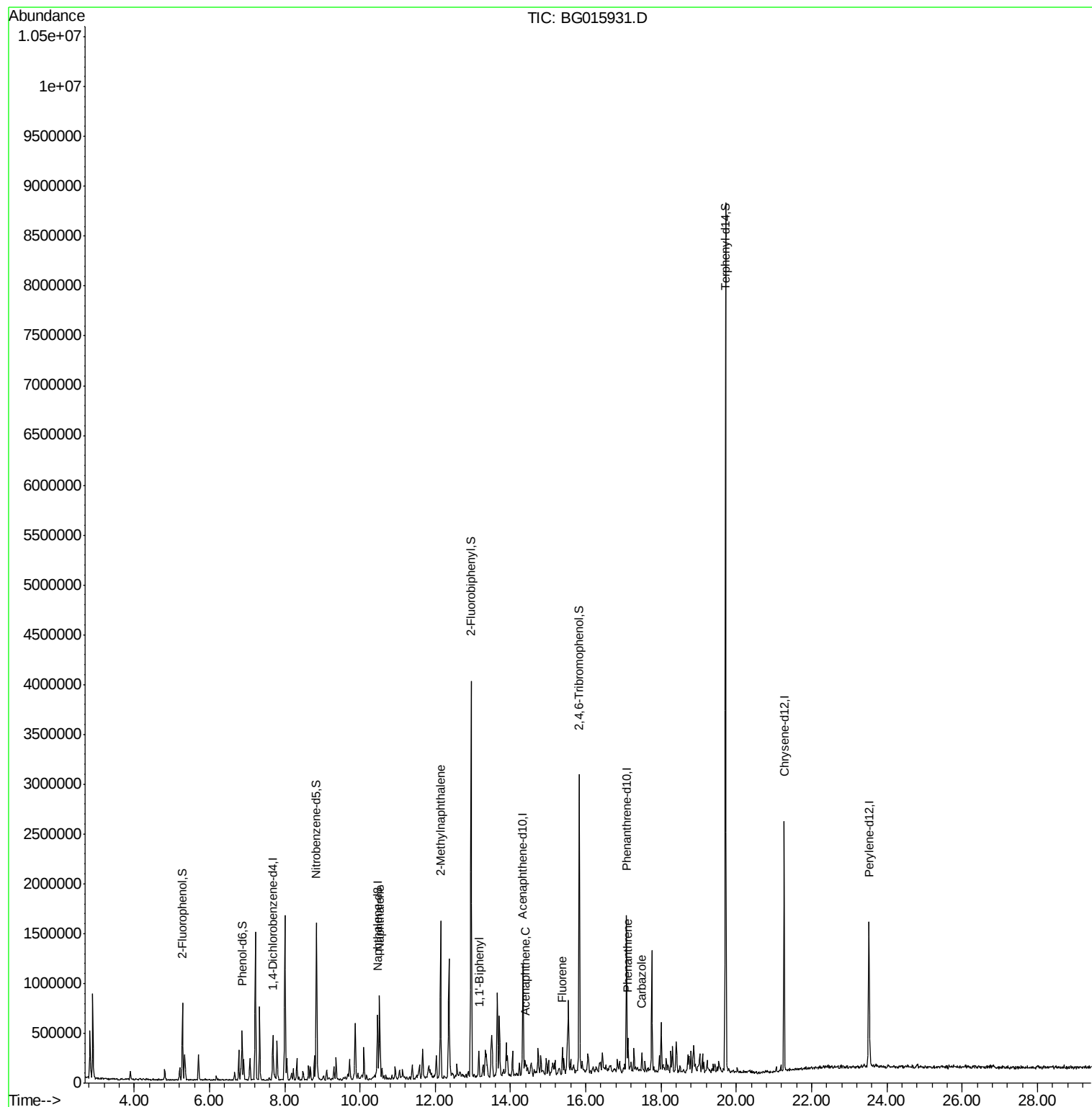
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	83504	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	356072	20.00	ng	0.00
38) Acenaphthene-d10	14.33	164	292015	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	838594	20.00	ng	0.00
75) Chrysene-d12	21.26	240	1224780	20.00	ng	0.00
86) Perylene-d12	23.52	264	1165588	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	244051	43.52	ng	0.00
7) Phenol-d6	6.87	99	248710	27.52	ng	0.00
23) Nitrobenzene-d5	8.84	82	940704	76.15	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	490938	91.84	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	1682896	90.42	ng	0.00
78) Terphenyl-d14	19.71	244	3010655	64.15	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.52	128	445622	24.45	ng	96
37) 2-Methylnaphthalene	12.14	142	549792	37.99	ng	97
45) 1,1'-Biphenyl	13.16	154	75685	4.11	ng	93
51) Acenaphthene	14.39	154	34290	2.31	ng	94
57) Fluorene	15.38	166	85104	3.85	ng	88
70) Phenanthrene	17.12	178	170912	4.06	ng	95
72) Carbazole	17.49	167	88002	2.42	ng	95

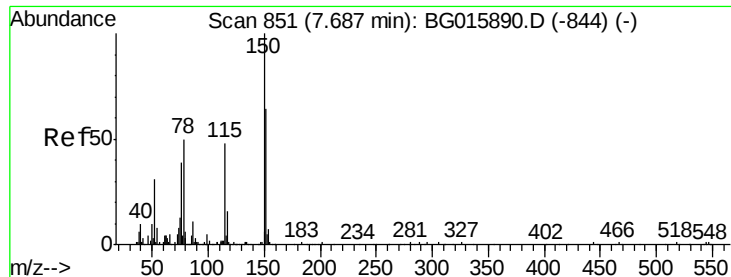
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 17 Sample Multiplier: 1

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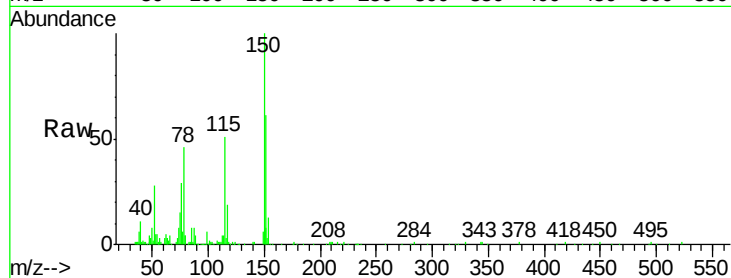


#1

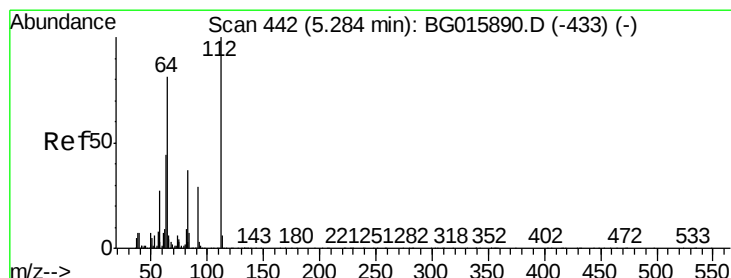
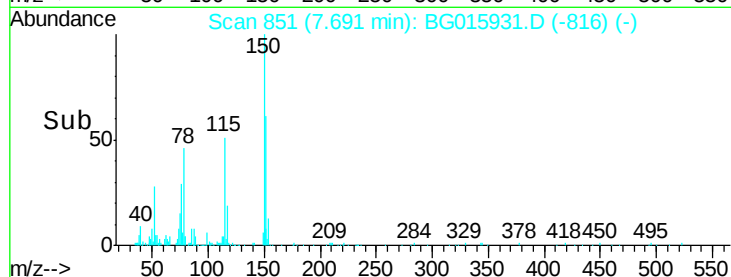
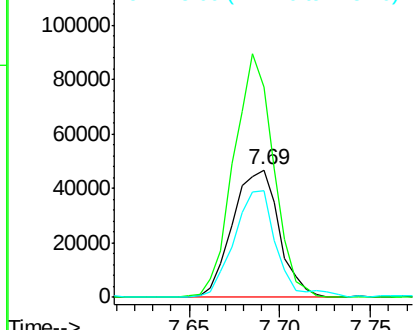
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.69 min Scan# 851
Delta R.T. 0.00 min
Lab File: BG015931.D
Acq: 27 Jan 2015 2:40

Instrument :
BNA_G
ClientSampled :
121B2B

Tgt Ion	Ratio	Lower	Upper
152	100		
150	165.0	124.5	186.7
115	83.8	60.4	90.6



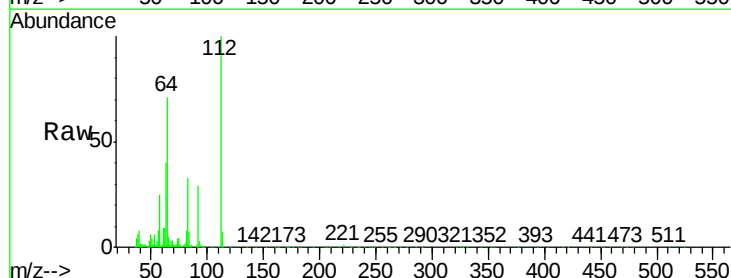
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



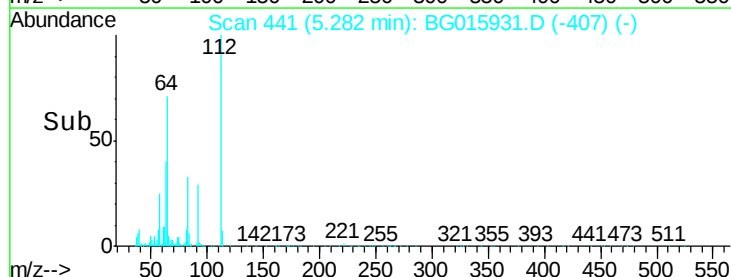
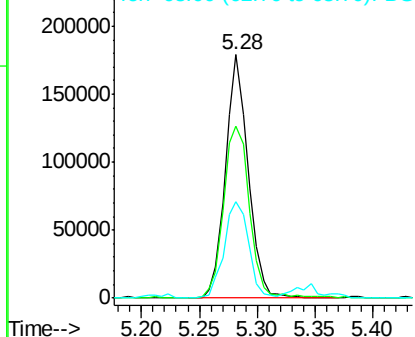
#5

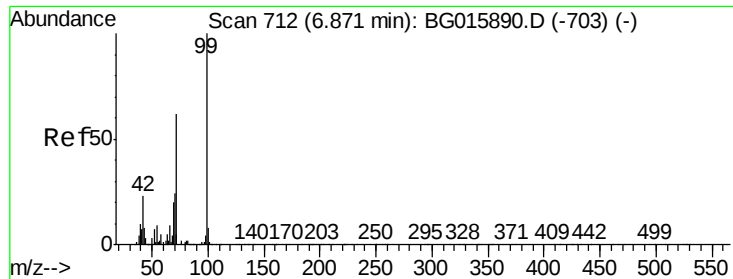
2-Fluorophenol
Concen: 43.52 ng
RT: 5.28 min Scan# 441
Delta R.T. -0.00 min
Lab File: BG015931.D
Acq: 27 Jan 2015 2:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.7	64.4	96.6
63	39.5	35.1	52.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 27.52 ng

RT: 6.87 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG015931.D

Acq: 27 Jan 2015 2:40

Instrument :

BNA_G

ClientSampleId :

121B2B

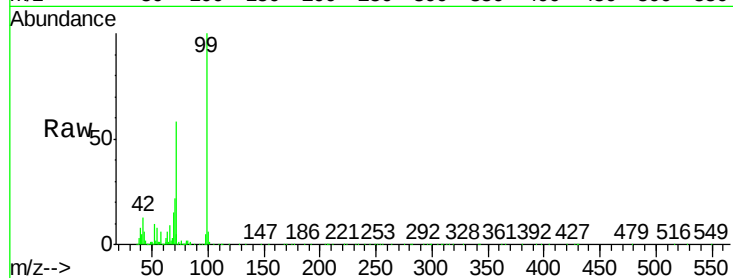
Tgt Ion: 99 Resp: 248710

Ion Ratio Lower Upper

99 100

42 12.9 18.1 27.1#

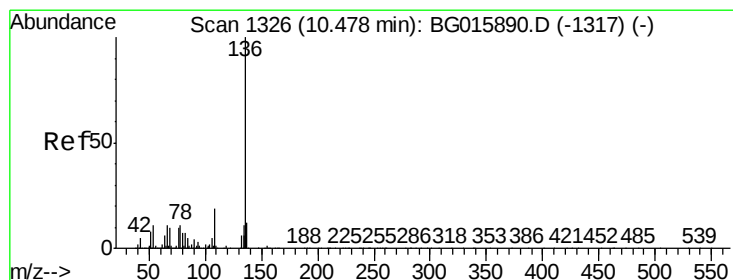
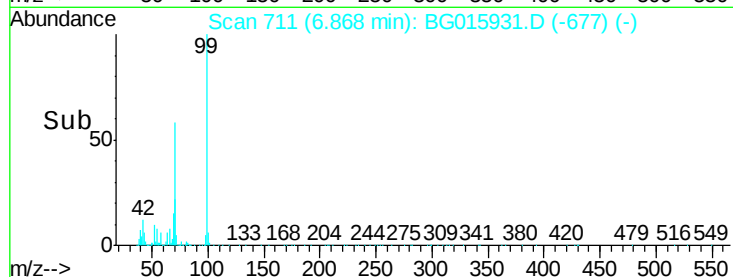
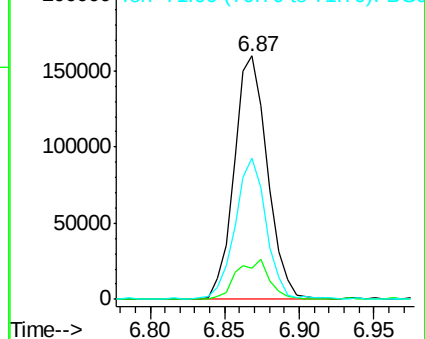
71 58.2 49.8 74.8



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: BG015931.D

Acq: 27 Jan 2015 2:40

Tgt Ion: 136 Resp: 356072

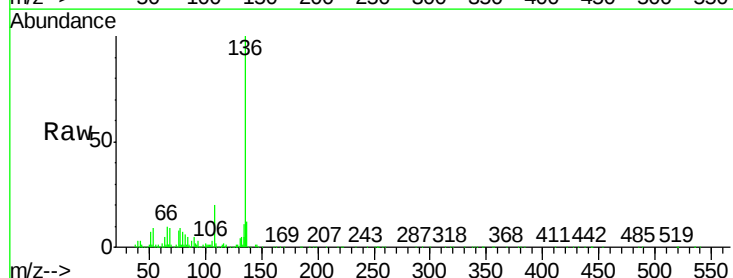
Ion Ratio Lower Upper

136 100

137 12.0 9.7 14.5

54 9.5 8.5 12.7

68 8.5 8.0 12.0

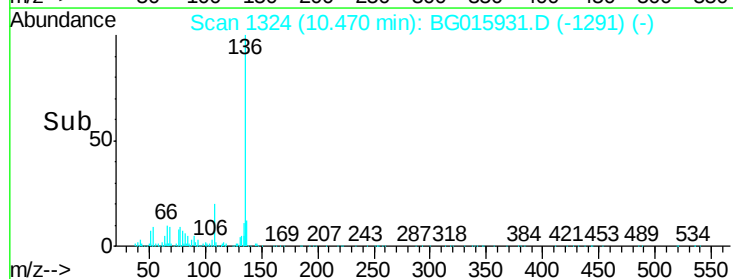
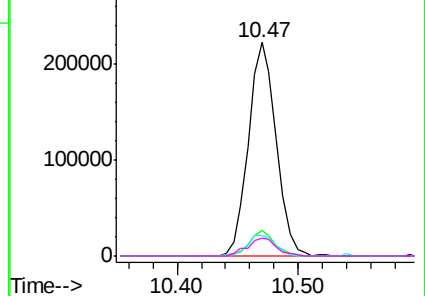


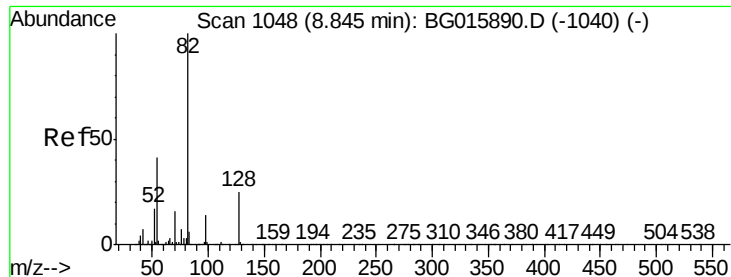
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

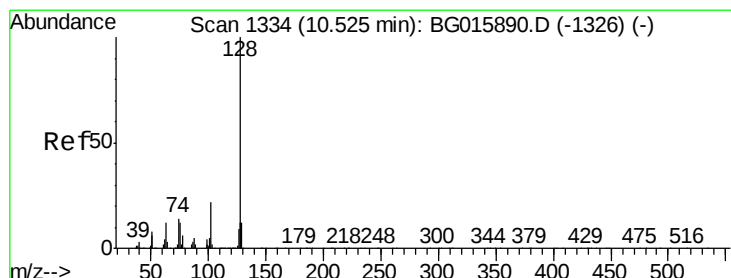
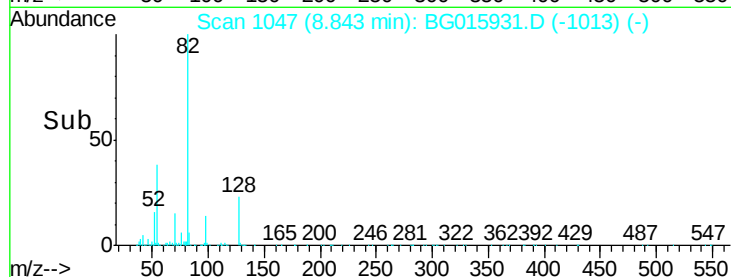
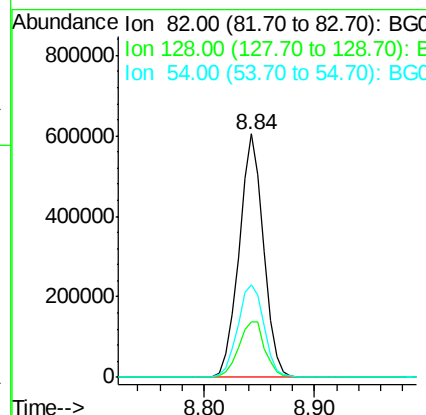
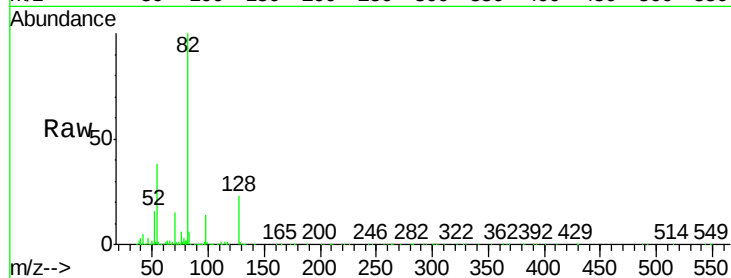




#23
 Nitrobenzene-d5
 Concen: 76.15 ng
 RT: 8.84 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: BG015931.D
 Acq: 27 Jan 2015 2:40

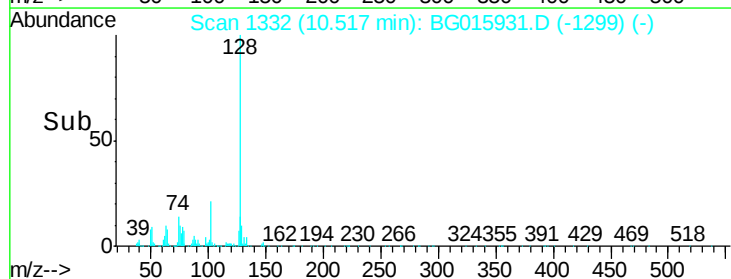
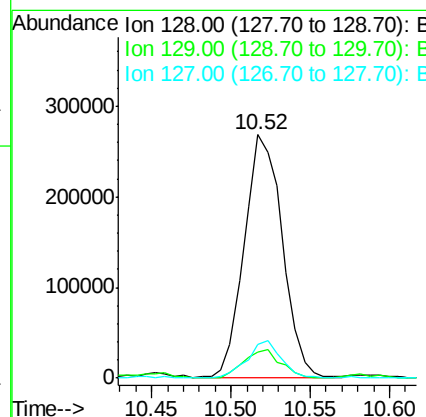
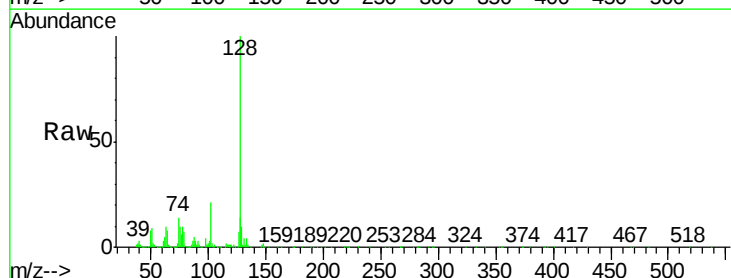
Instrument :
 BNA_G
 ClientSampleId :
 121B2B

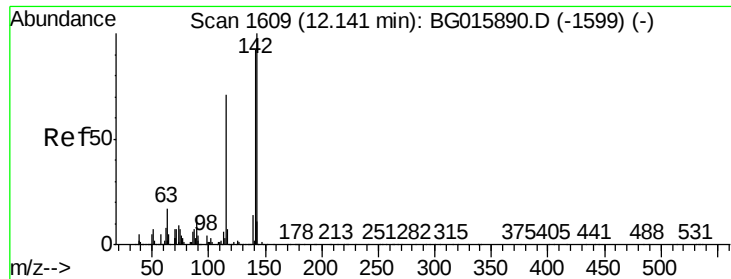
Tgt Ion	Ratio	Lower	Upper
82	100		
128	22.5	19.8	29.8
54	37.9	33.0	49.4



#31
 Naphthalene
 Concen: 24.45 ng
 RT: 10.52 min Scan# 1332
 Delta R.T. -0.01 min
 Lab File: BG015931.D
 Acq: 27 Jan 2015 2:40

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.7	14.5
127	13.9	9.8	14.6

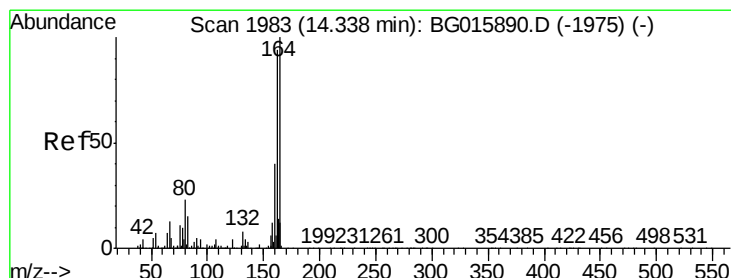
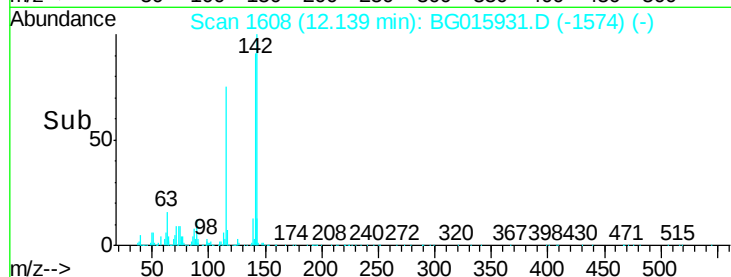
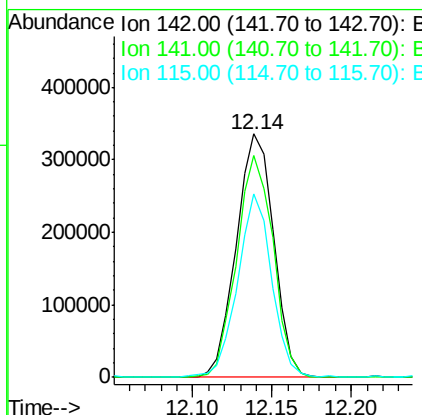
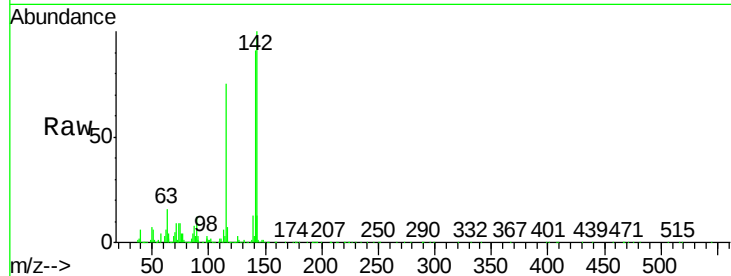




#37
2-Methylnaphthalene
Concen: 37.99 ng
RT: 12.14 min Scan# 1608
Delta R.T. -0.00 min
Lab File: BG015931.D
Acq: 27 Jan 2015 2:40

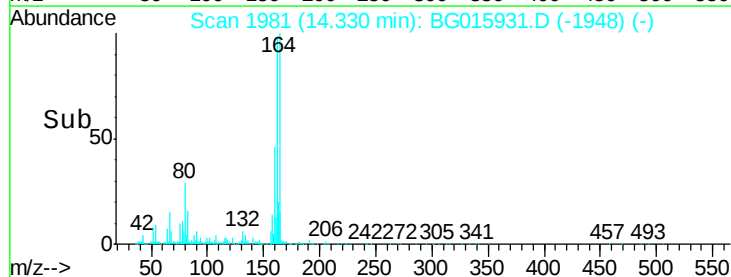
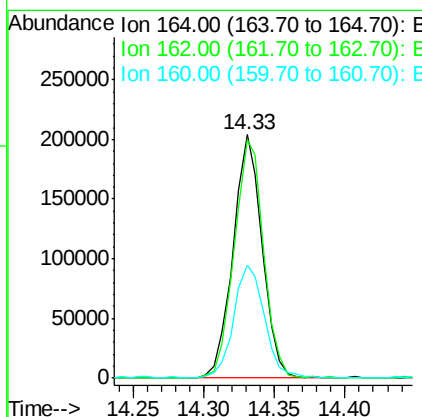
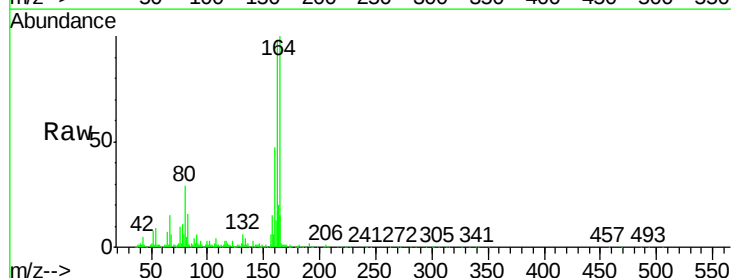
Instrument :
BNA_G
ClientSampleId :
121B2B

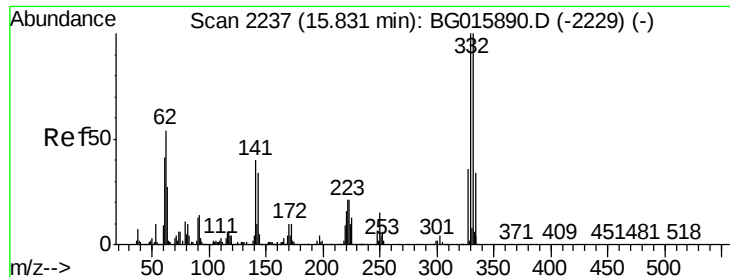
Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	73.8	110.8
115	75.2	56.6	84.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.33 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BG015931.D
Acq: 27 Jan 2015 2:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.9	75.1	112.7
160	46.7	32.3	48.5

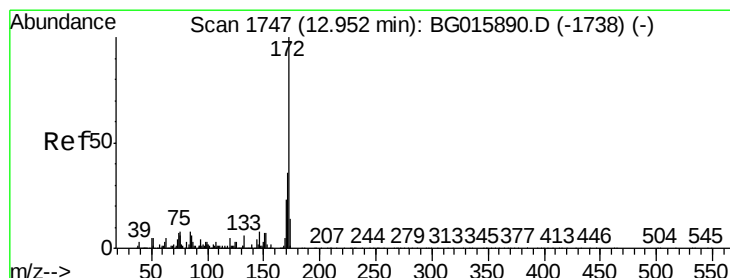
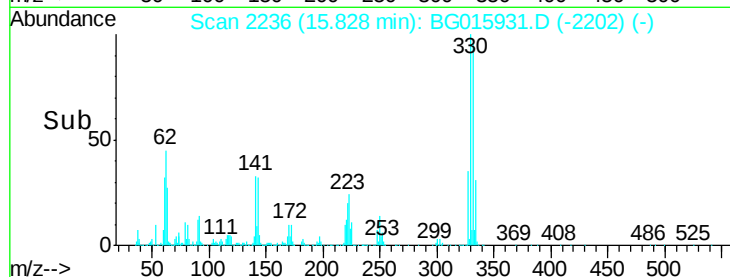
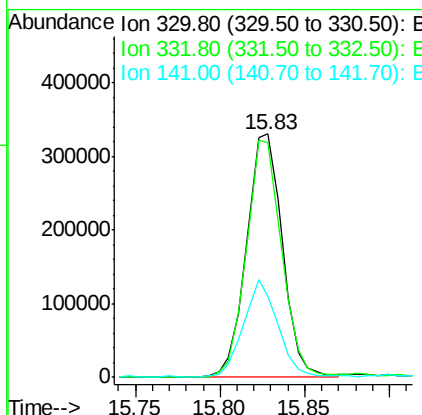
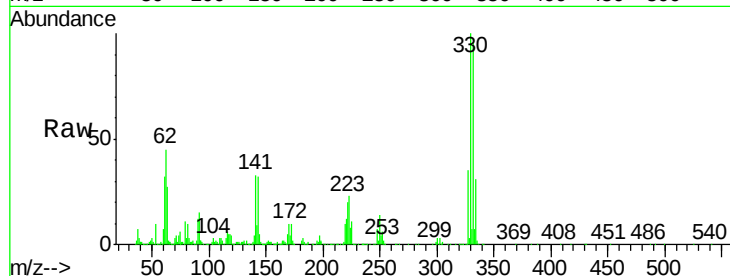




#41
 2,4,6-Tribromophenol
 Concen: 91.84 ng
 RT: 15.83 min Scan# 2236
 Delta R.T. -0.00 min
 Lab File: BG015931.D
 Acq: 27 Jan 2015 2:40

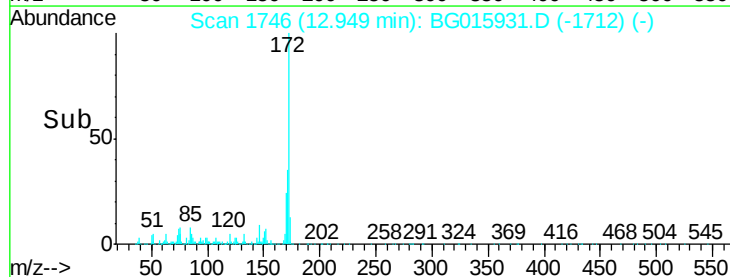
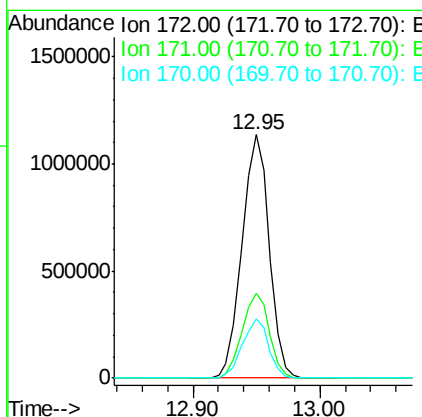
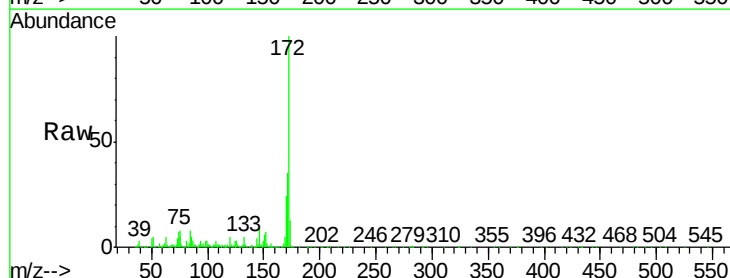
Instrument :
 BNA_G
 ClientSampleId :
 121B2B

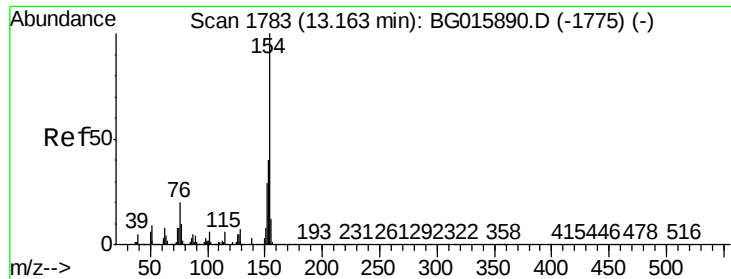
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	75.4	113.0
141	38.4	33.0	49.6



#44
 2-Fluorobiphenyl
 Concen: 90.42 ng
 RT: 12.95 min Scan# 1746
 Delta R.T. -0.00 min
 Lab File: BG015931.D
 Acq: 27 Jan 2015 2:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.2	43.8
170	24.3	18.6	27.8

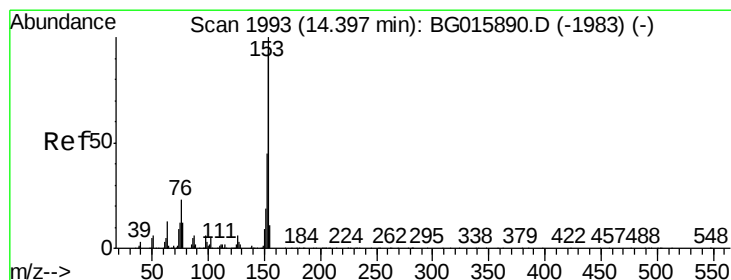
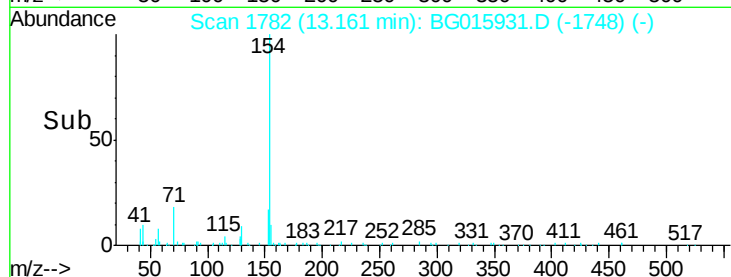
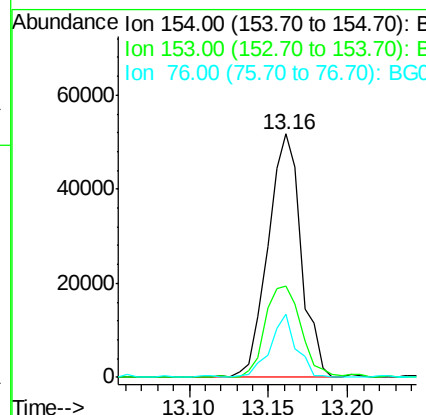
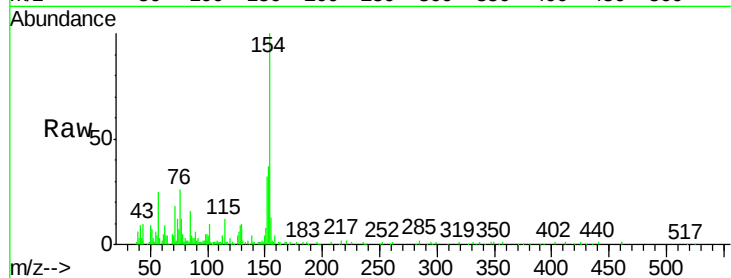




#45
1,1'-Biphenyl
Concen: 4.11 ng
RT: 13.16 min Scan# 1782
Delta R.T. -0.00 min
Lab File: BG015931.D
Acq: 27 Jan 2015 2:40

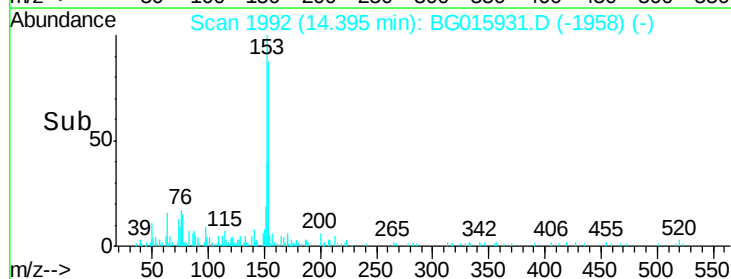
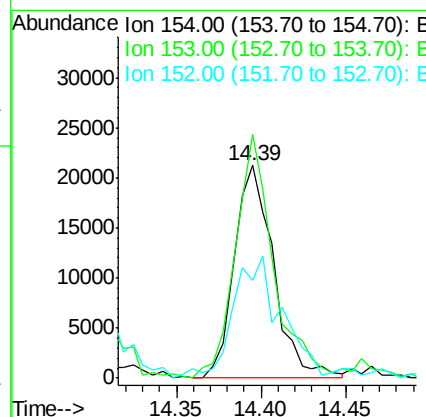
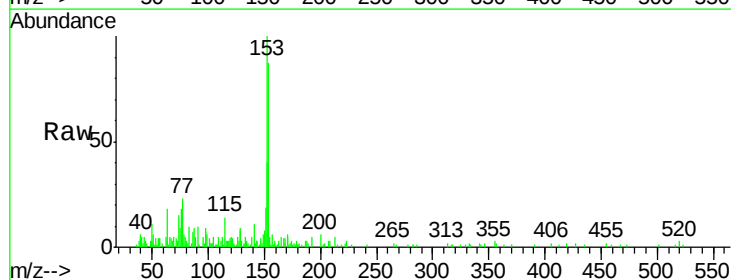
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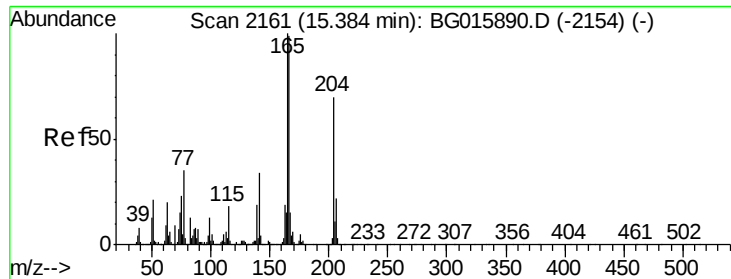
Tgt Ion	Ratio	Lower	Upper
154	100		
153	37.3	20.4	60.4
76	25.7	0.2	40.2



#51
Acenaphthene
Concen: 2.31 ng
RT: 14.39 min Scan# 1992
Delta R.T. -0.00 min
Lab File: BG015931.D
Acq: 27 Jan 2015 2:40

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.6	85.1	127.7
152	45.7	38.3	57.5





#57

Fluorene

Concen: 3.85 ng

RT: 15.38 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BG015931.D

Acq: 27 Jan 2015 2:40

Instrument :

BNA_G

ClientSampleId :

121B2B

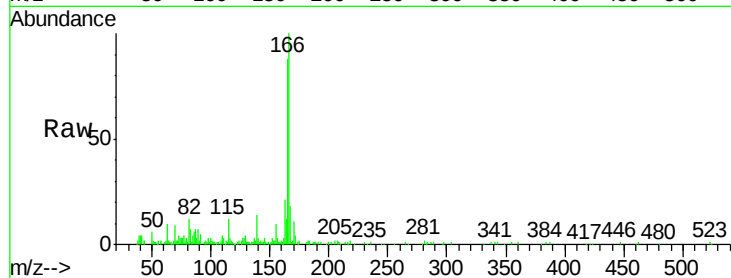
Tgt Ion:166 Resp: 85104

Ion Ratio Lower Upper

166 100

165 87.8 80.6 120.8

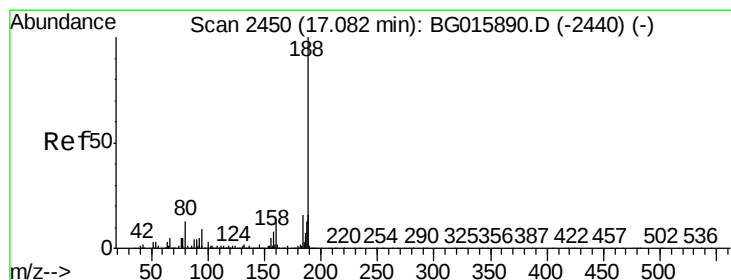
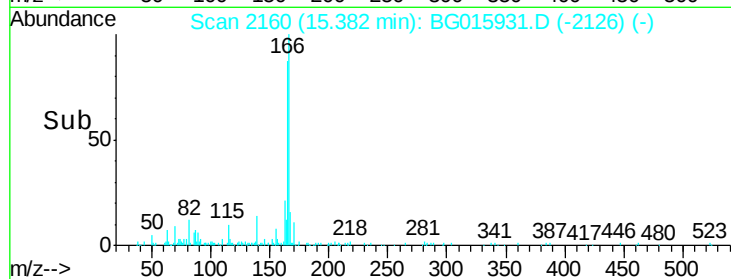
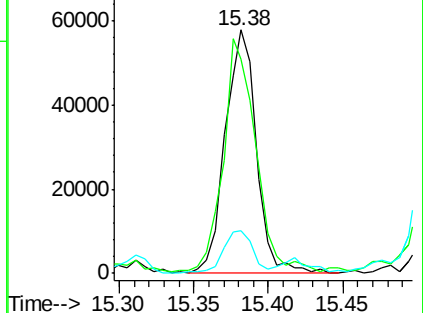
167 17.7 12.5 18.7



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.08 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BG015931.D

Acq: 27 Jan 2015 2:40

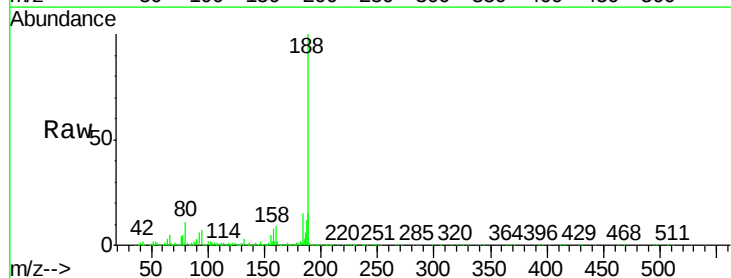
Tgt Ion:188 Resp: 838594

Ion Ratio Lower Upper

188 100

94 7.3 7.8 11.8#

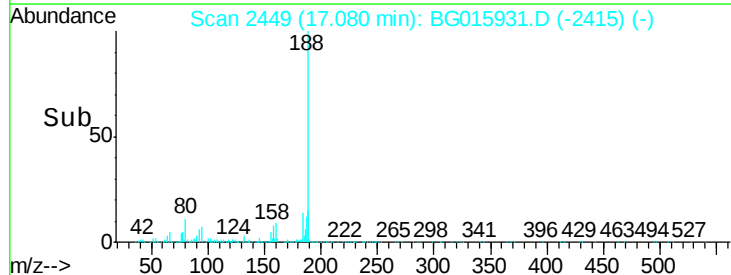
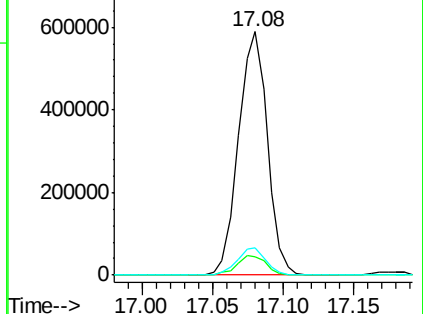
80 11.1 10.6 16.0

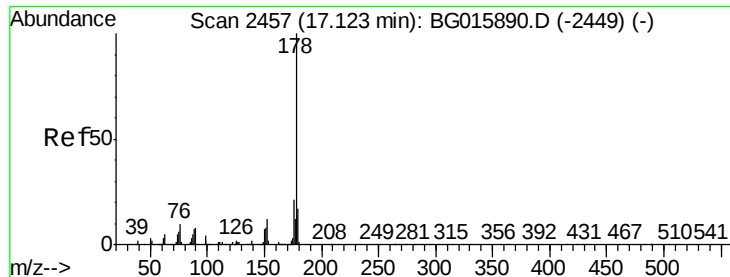


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#70

Phenanthrene

Concen: 4.06 ng

RT: 17.12 min Scan# 2456

Delta R.T. -0.00 min

Lab File: BG015931.D

Acq: 27 Jan 2015 2:40

Instrument :

BNA_G

ClientSampleId :

121B2B

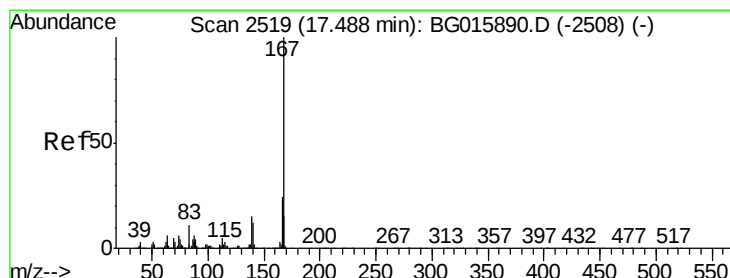
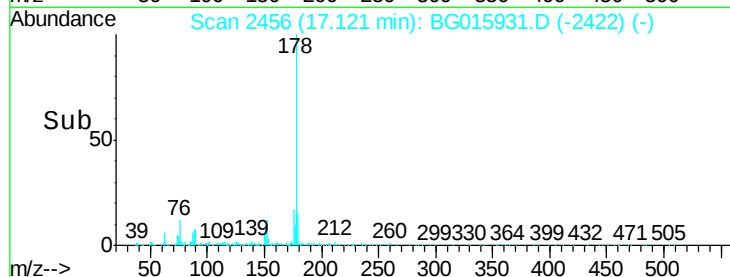
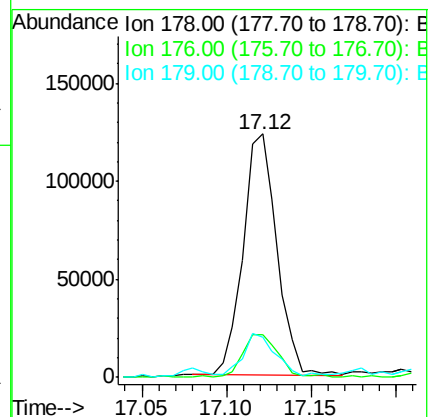
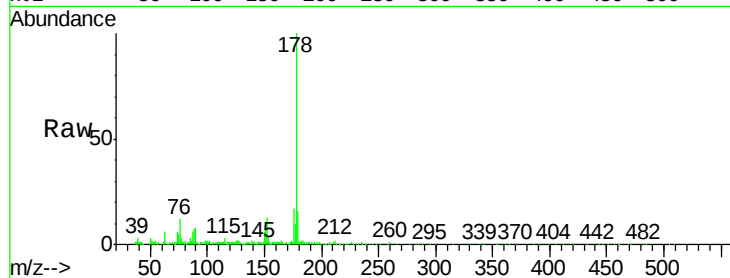
Tgt Ion:178 Resp: 170912

Ion Ratio Lower Upper

178 100

176 17.3 16.9 25.3

179 16.2 13.3 19.9



#72

Carbazole

Concen: 2.42 ng

RT: 17.49 min Scan# 2518

Delta R.T. -0.00 min

Lab File: BG015931.D

Acq: 27 Jan 2015 2:40

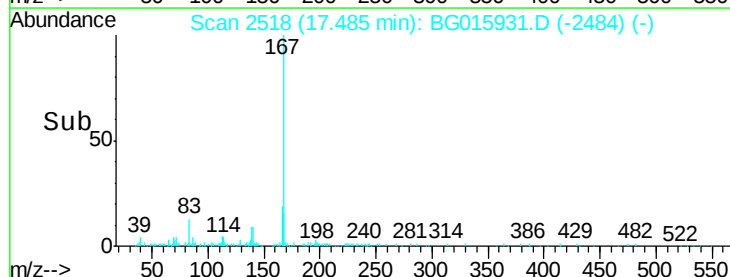
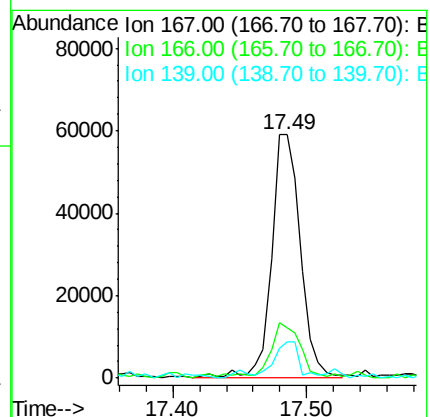
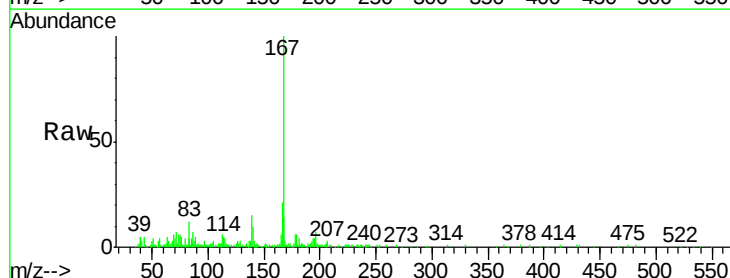
Tgt Ion:167 Resp: 88002

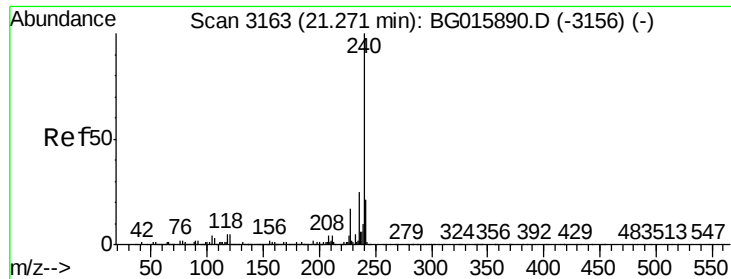
Ion Ratio Lower Upper

167 100

166 20.5 19.4 29.2

139 15.1 12.2 18.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.26 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG015931.D

Acq: 27 Jan 2015 2:40

Instrument :

BNA_G

ClientSampleId :

121B2B

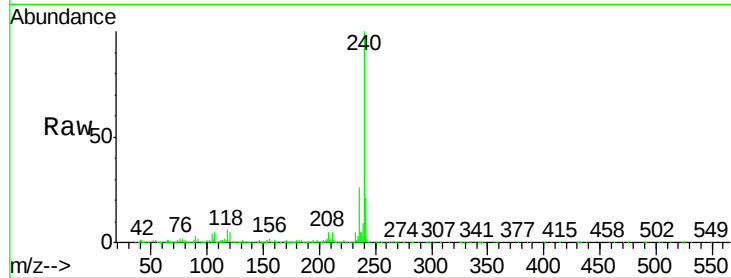
Tgt Ion:240 Resp: 1224780

Ion Ratio Lower Upper

240 100

120 4.6 3.9 5.9

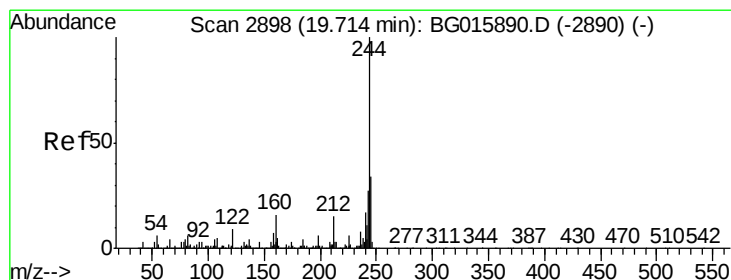
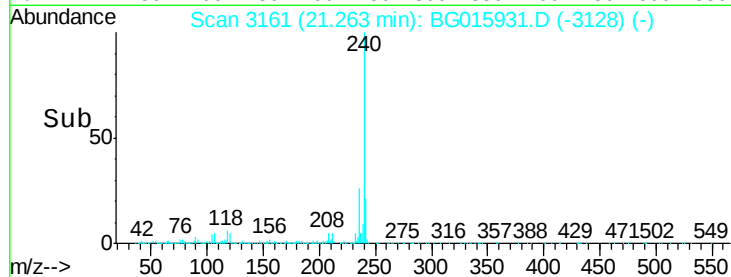
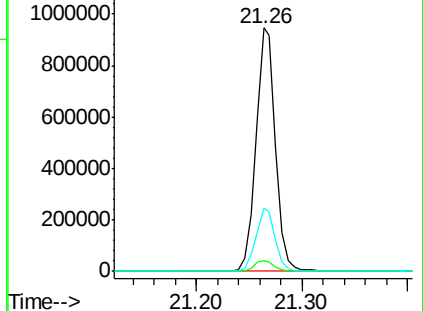
236 26.0 20.0 30.0



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



#78

Terphenyl-d14

Concen: 64.15 ng

RT: 19.71 min Scan# 2897

Delta R.T. -0.00 min

Lab File: BG015931.D

Acq: 27 Jan 2015 2:40

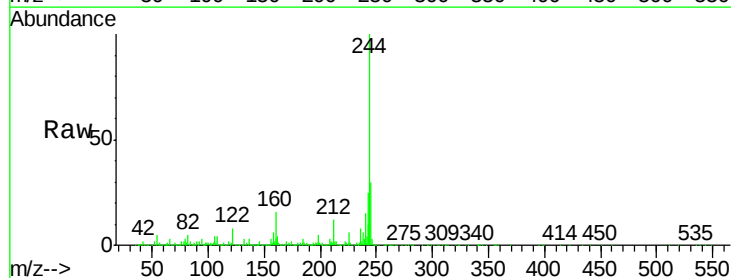
Tgt Ion:244 Resp: 3010655

Ion Ratio Lower Upper

244 100

212 12.0 11.6 17.4

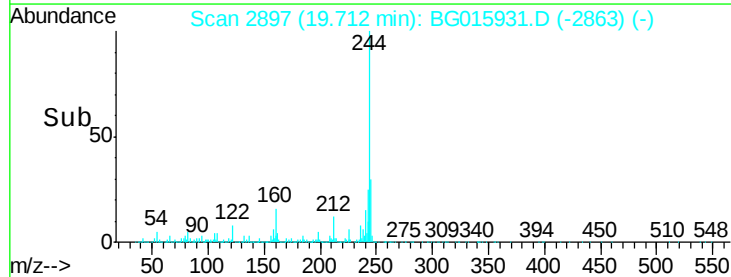
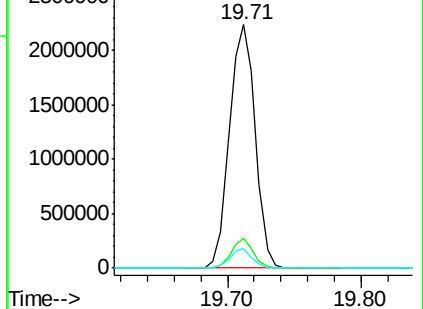
122 8.3 7.0 10.4

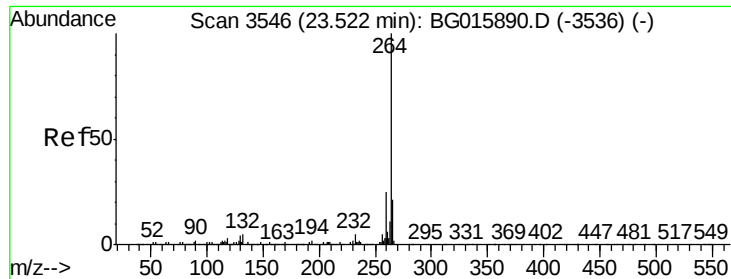


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3545
Delta R.T. -0.00 min
Lab File: BG015931.D
Acq: 27 Jan 2015 2:40

Instrument :
BNA_G
ClientSampleId :
121B2B

Tgt Ion: 264 Resp: 1165588

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.7	29.5
265	22.0	17.3	25.9

