

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
 Data File : BG015966.D
 Acq On : 28 Jan 2015 3:45
 Operator : TP/IZ
 Sample : G1138-10
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 275B3

Quant Time: Jan 28 07:02:20 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 28 01:36:36 2015
 Response via : Initial Calibration

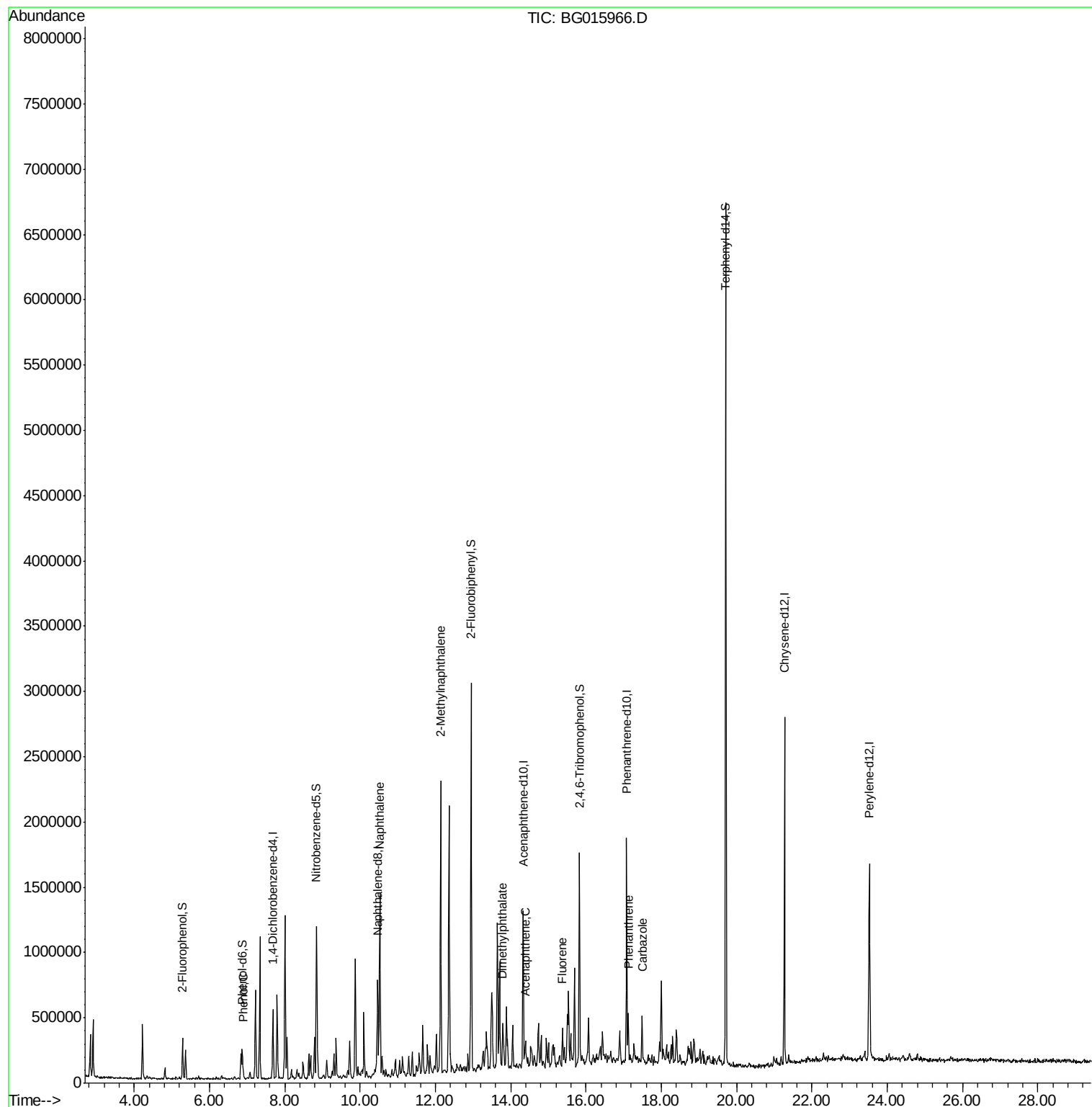
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	106376	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	418671	20.00	ng	0.00
38) Acenaphthene-d10	14.33	164	344120	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	906070	20.00	ng	0.00
75) Chrysene-d12	21.27	240	1325679	20.00	ng	0.00
86) Perylene-d12	23.53	264	1205964	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	109688	15.36	ng	0.00
7) Phenol-d6	6.87	99	101514	8.82	ng	0.00
23) Nitrobenzene-d5	8.84	82	691799	47.63	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	270877	43.00	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	1288047	58.73	ng	0.00
78) Terphenyl-d14	19.71	244	2534262	46.34	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.89	94	39653	3.02	ng	88
31) Naphthalene	10.52	128	761512	35.54	ng	97
37) 2-Methylnaphthalene	12.14	142	853207	50.14	ng	94
49) Dimethylphthalate	13.79	163	164836	6.66	ng	98
51) Acenaphthene	14.39	154	49536	2.83	ng	95
57) Fluorene	15.38	166	94093	3.61	ng	98
70) Phenanthrene	17.12	178	198588	4.37	ng	# 92
72) Carbazole	17.49	167	163431	4.16	ng	97

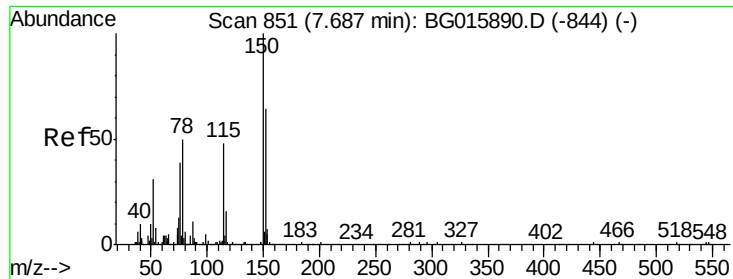
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
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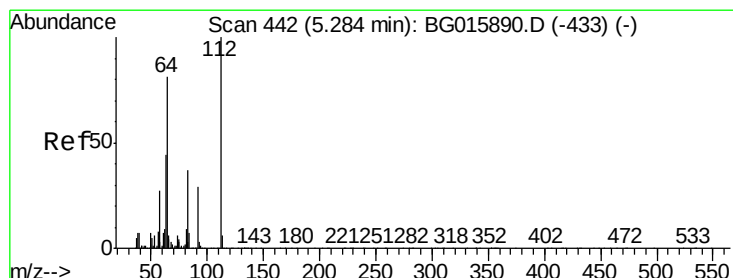
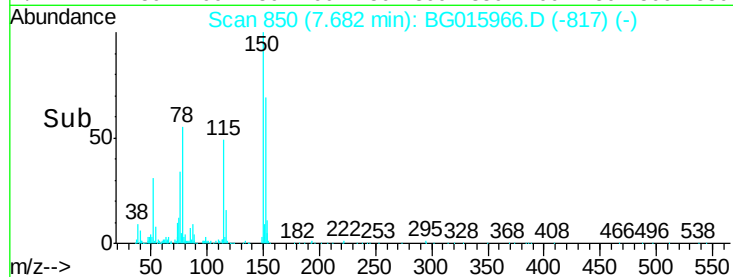
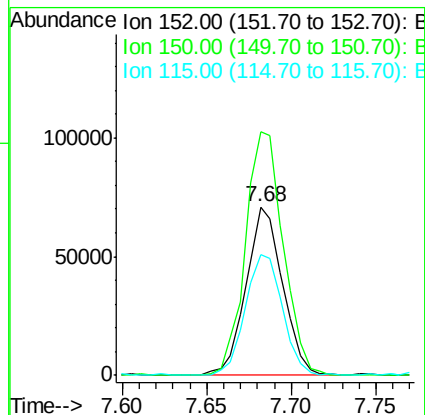
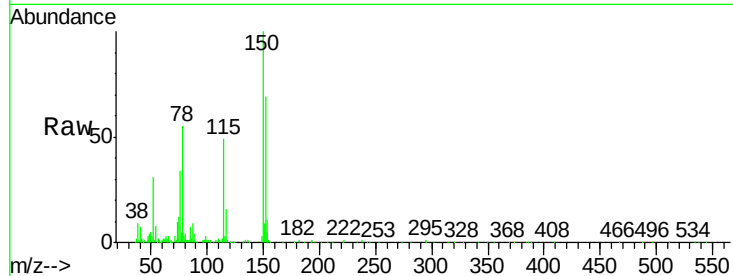


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.68 min Scan# 850
 Delta R.T. -0.01 min
 Lab File: BG015966.D
 Acq: 28 Jan 2015 3:45

Instrument :
 BNA_G
 ClientSampled :
 275B3

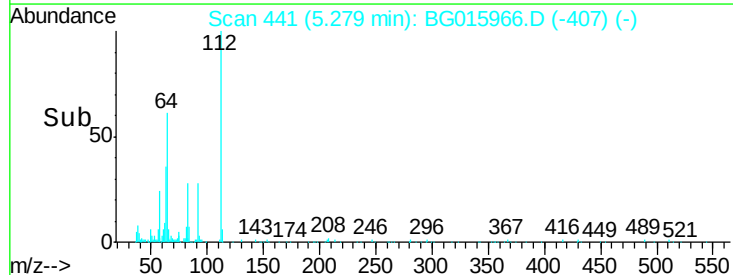
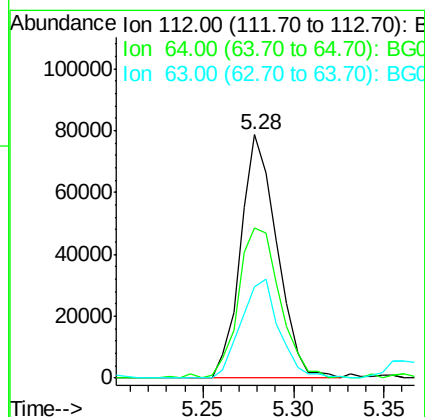
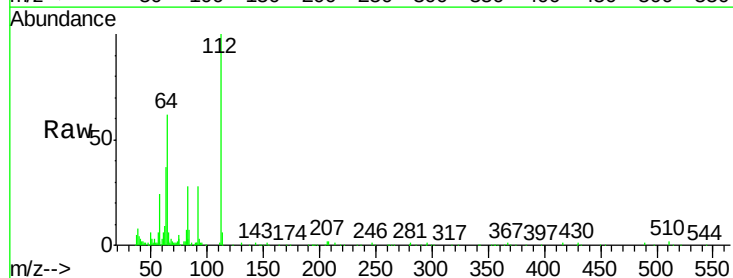
Tgt Ion	Ratio	Lower	Upper
152	100		
150	144.3	124.5	186.7
115	71.3	60.4	90.6

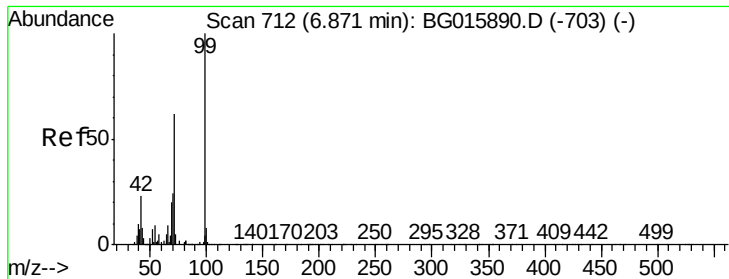


#5

2-Fluorophenol
 Concen: 15.36 ng
 RT: 5.28 min Scan# 441
 Delta R.T. 0.00 min
 Lab File: BG015966.D
 Acq: 28 Jan 2015 3:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.6	64.4	96.6#
63	37.3	35.1	52.7





#7

Phenol-d6

Concen: 8.82 ng

RT: 6.87 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG015966.D

Acq: 28 Jan 2015 3:45

Instrument :

BNA_G

ClientSampleId :

275B3

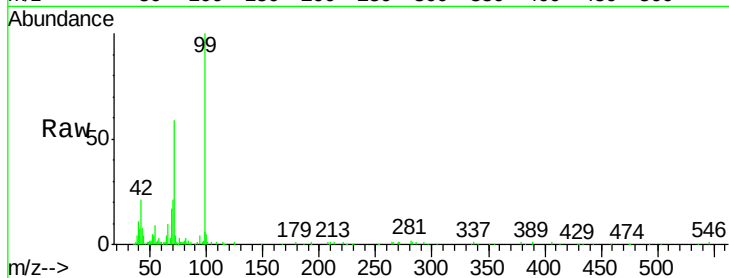
Tgt Ion: 99 Resp: 101514

Ion Ratio Lower Upper

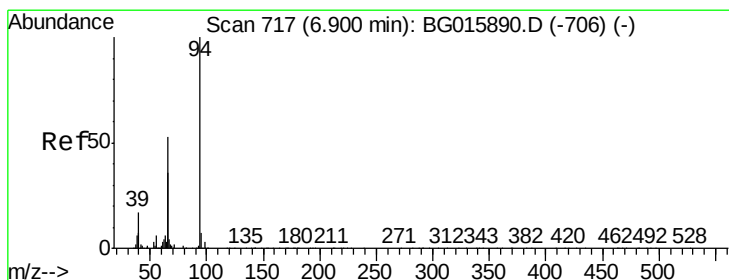
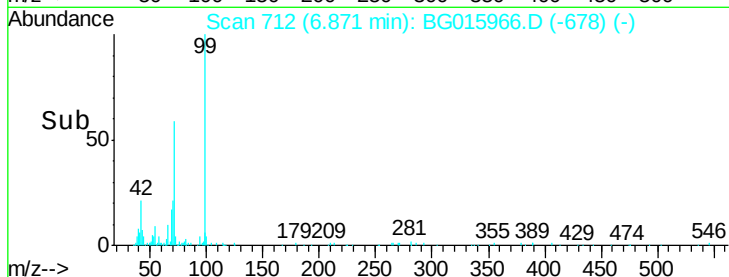
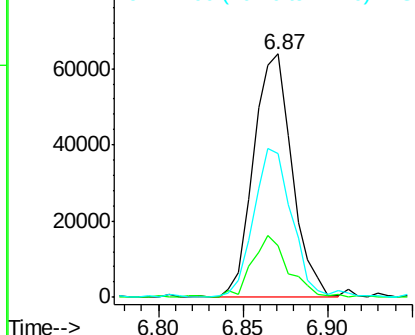
99 100

42 21.2 18.1 27.1

71 59.0 49.8 74.8



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#10

Phenol

Concen: 3.02 ng

RT: 6.89 min Scan# 716

Delta R.T. 0.00 min

Lab File: BG015966.D

Acq: 28 Jan 2015 3:45

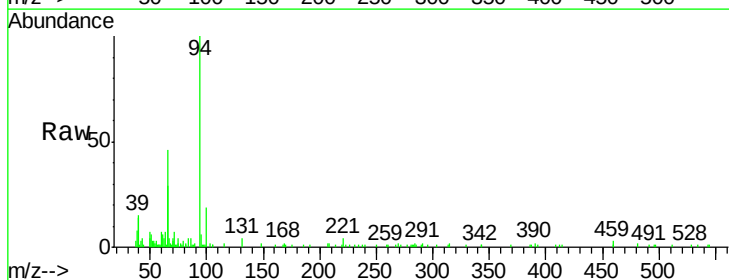
Tgt Ion: 94 Resp: 39653

Ion Ratio Lower Upper

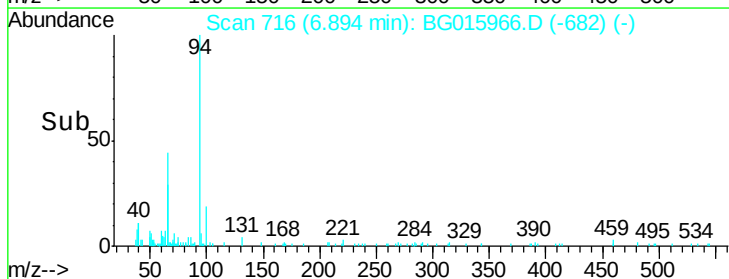
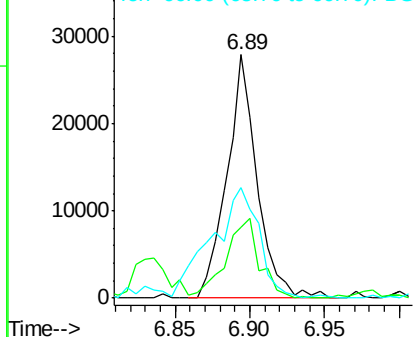
94 100

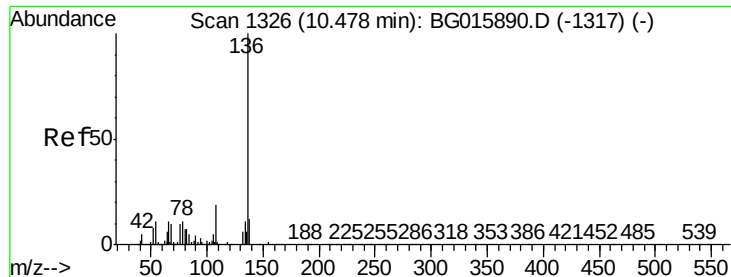
65 29.1 16.5 56.5

66 45.6 33.3 73.3



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

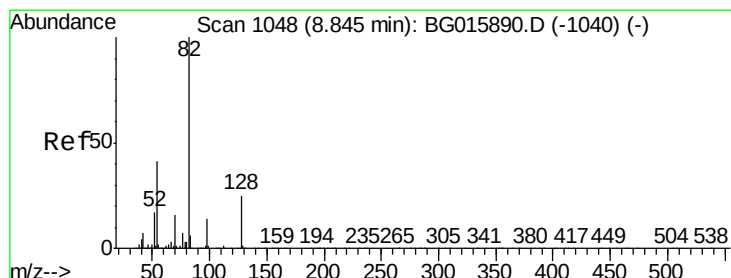
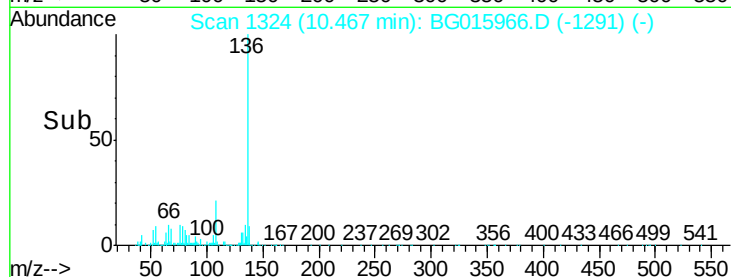
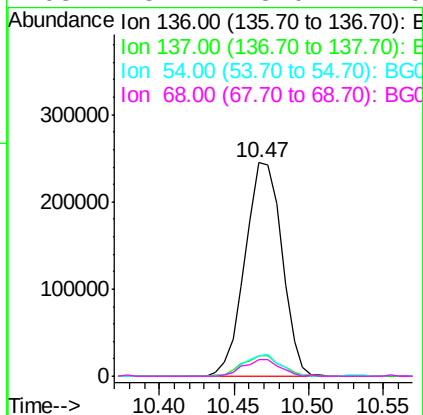
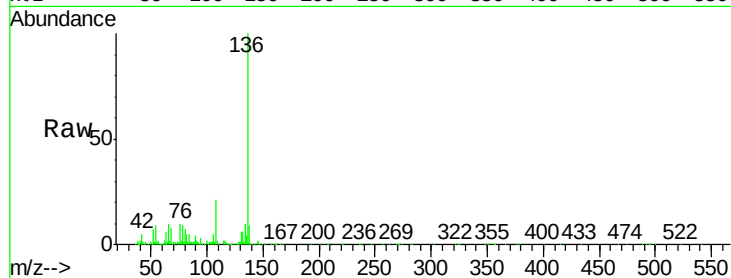




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.47 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG015966.D
Acq: 28 Jan 2015 3:45

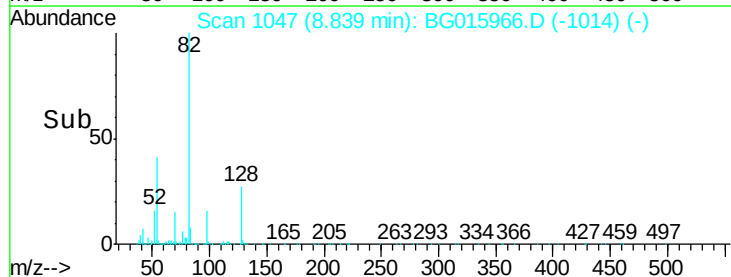
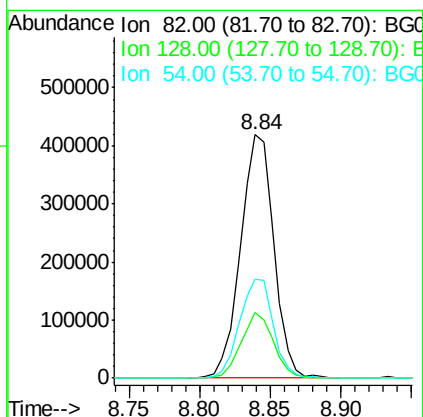
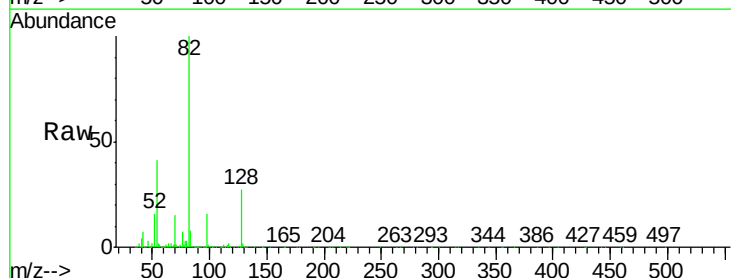
Instrument :
BNA_G
ClientSampleId :
275B3

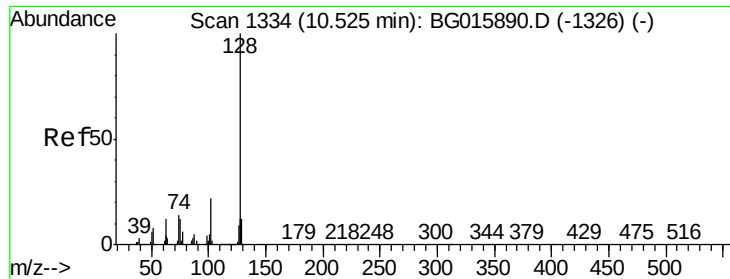
Tgt Ion:	136	Resp:	418671
Ion	Ratio	Lower	Upper
136	100		
137	9.3	9.7	14.5#
54	9.5	8.5	12.7
68	8.1	8.0	12.0



#23
Nitrobenzene-d5
Concen: 47.63 ng
RT: 8.84 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BG015966.D
Acq: 28 Jan 2015 3:45

Tgt Ion:	82	Resp:	691799
Ion	Ratio	Lower	Upper
82	100		
128	27.2	19.8	29.8
54	40.6	33.0	49.4

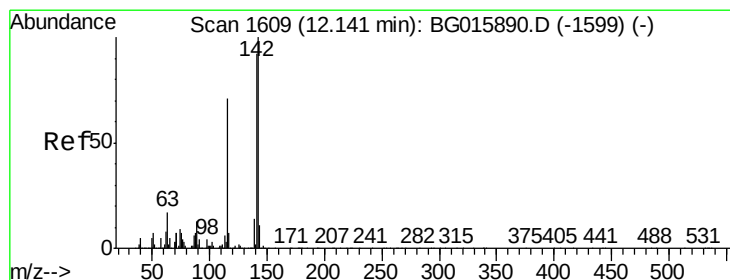
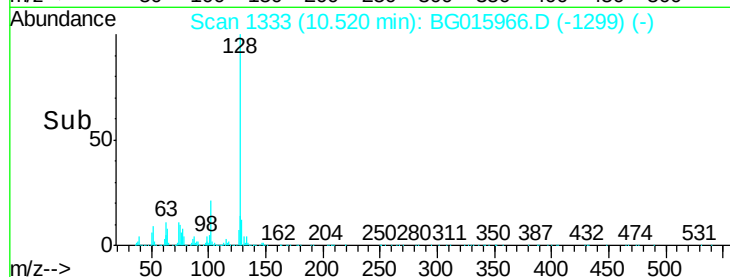
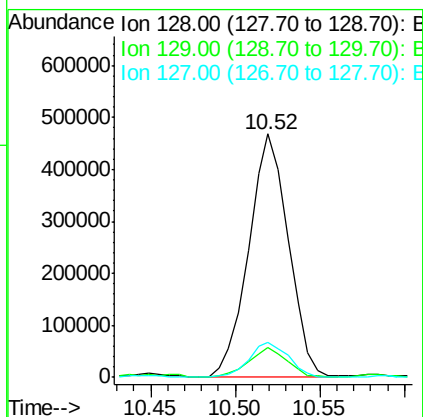
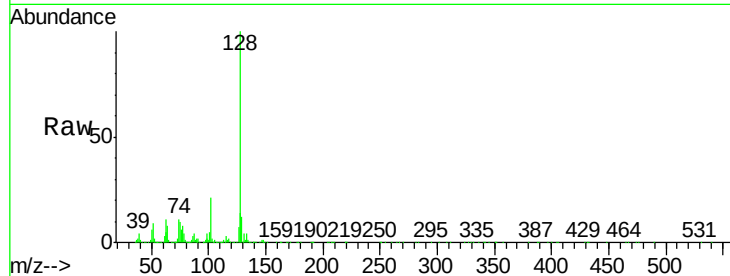




#31
Naphthalene
Concen: 35.54 ng
RT: 10.52 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG015966.D
Acq: 28 Jan 2015 3:45

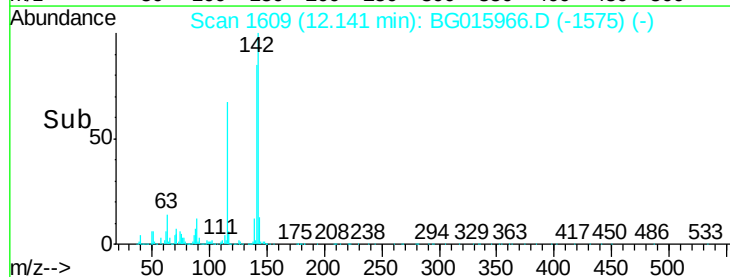
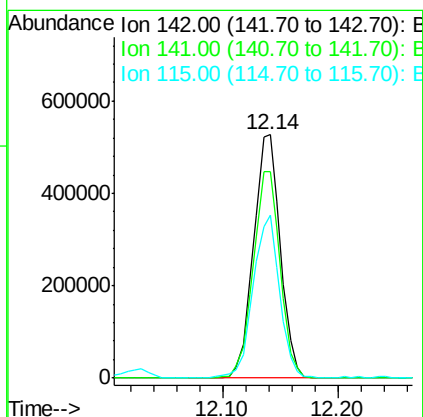
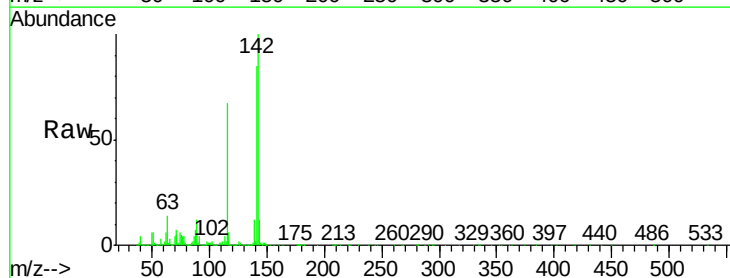
Instrument :
BNA_G
ClientSampleId :
275B3

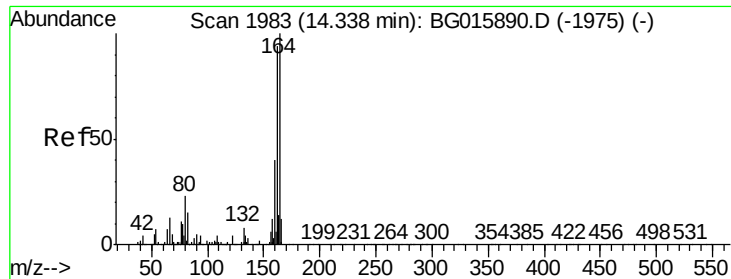
Tgt Ion:128 Resp: 761512
Ion Ratio Lower Upper
128 100
129 12.2 9.7 14.5
127 14.2 9.8 14.6



#37
2-Methylnaphthalene
Concen: 50.14 ng
RT: 12.14 min Scan# 1609
Delta R.T. 0.00 min
Lab File: BG015966.D
Acq: 28 Jan 2015 3:45

Tgt Ion:142 Resp: 853207
Ion Ratio Lower Upper
142 100
141 84.8 73.8 110.8
115 67.0 56.6 84.8

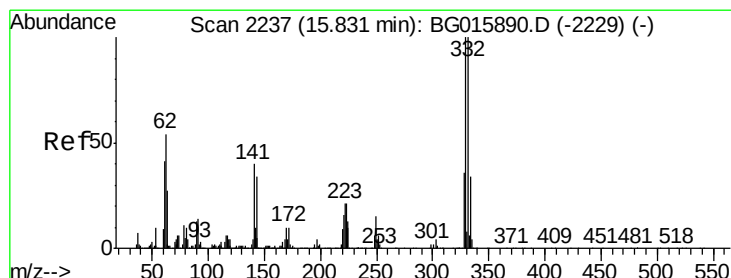
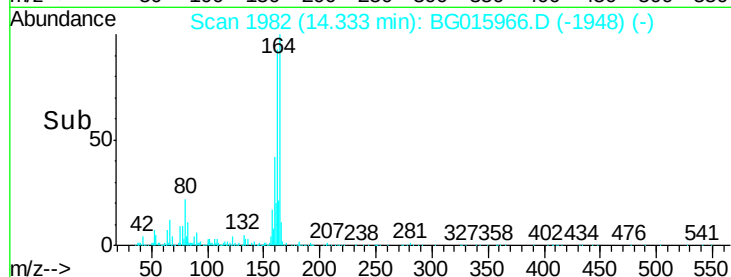
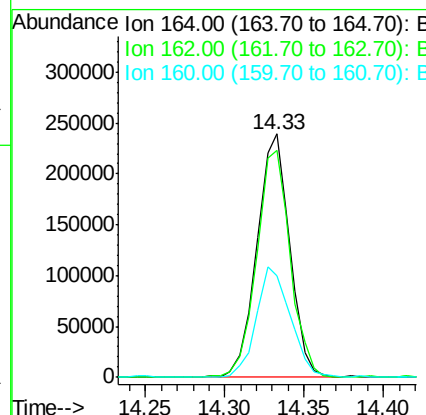
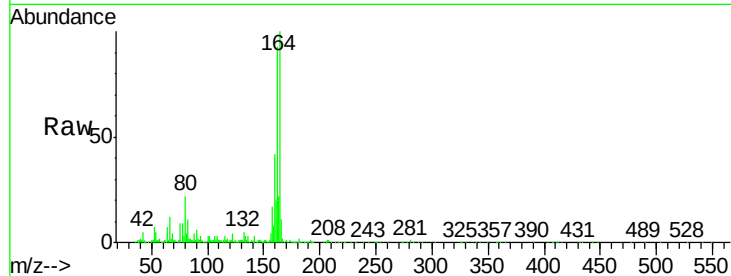




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.33 min Scan# 1982
Delta R.T. 0.00 min
Lab File: BG015966.D
Acq: 28 Jan 2015 3:45

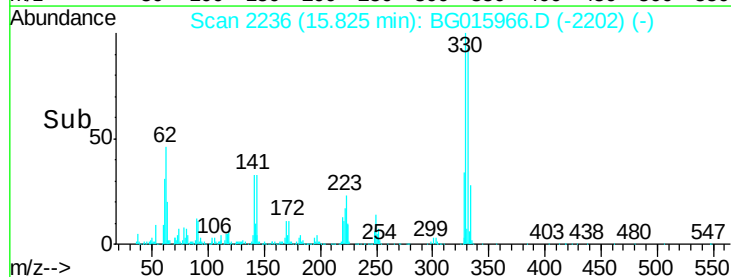
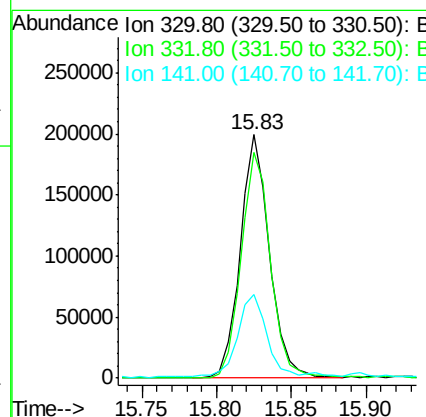
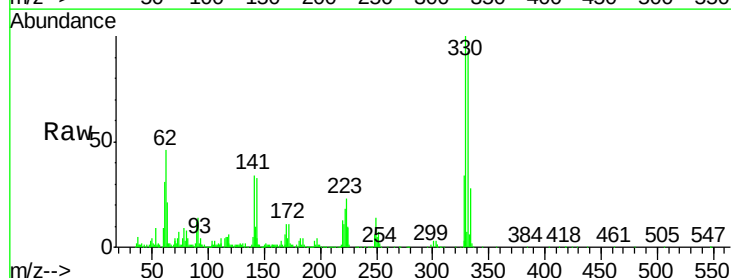
Instrument :
BNA_G
ClientSampleId :
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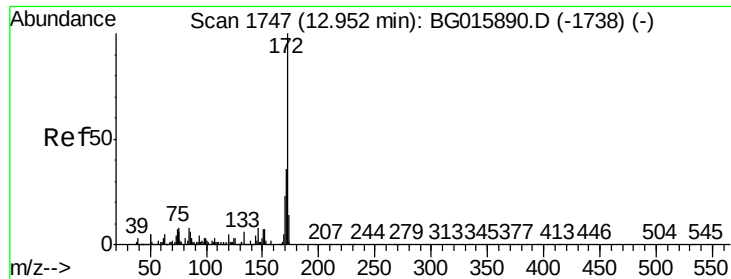
Tgt Ion:164 Resp: 344120
Ion Ratio Lower Upper
164 100
162 93.2 75.1 112.7
160 41.7 32.3 48.5



#41
2,4,6-Tribromophenol
Concen: 43.00 ng
RT: 15.83 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BG015966.D
Acq: 28 Jan 2015 3:45

Tgt Ion:330 Resp: 270877
Ion Ratio Lower Upper
330 100
332 94.0 75.4 113.0
141 33.8 33.0 49.6

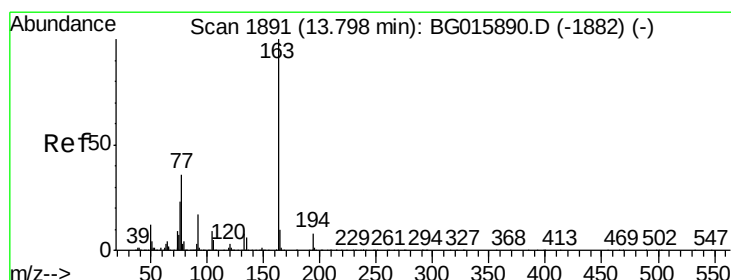
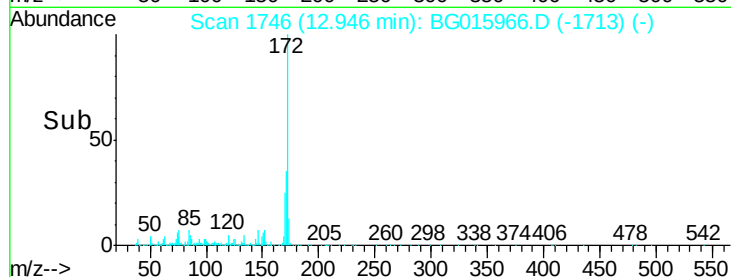
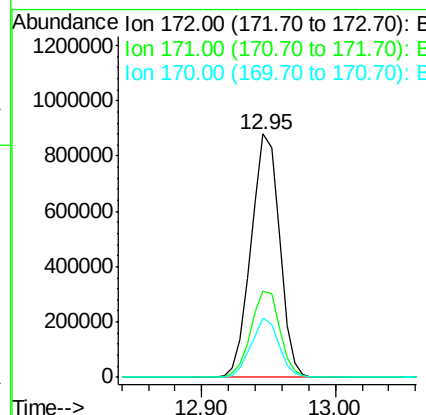
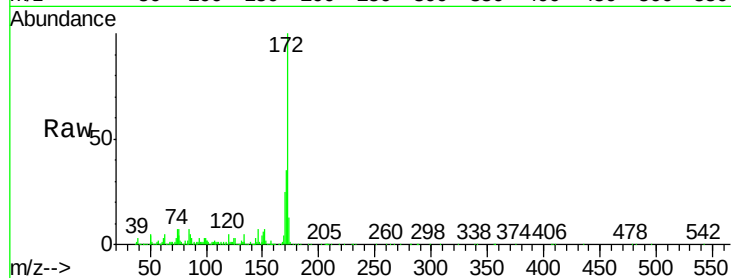




#44
2-Fluorobiphenyl
Concen: 58.73 ng
RT: 12.95 min Scan# 1746
Delta R.T. -0.01 min
Lab File: BG015966.D
Acq: 28 Jan 2015 3:45

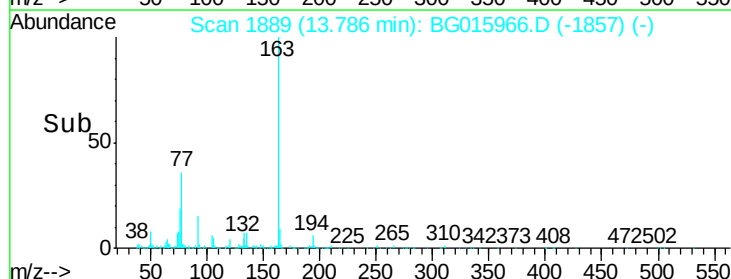
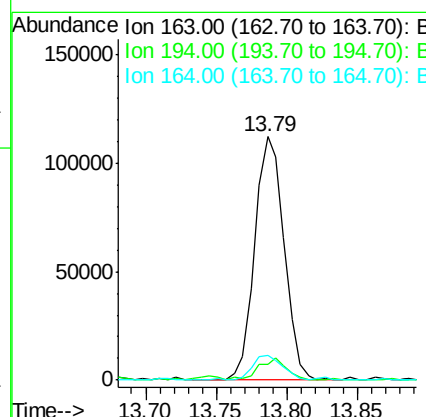
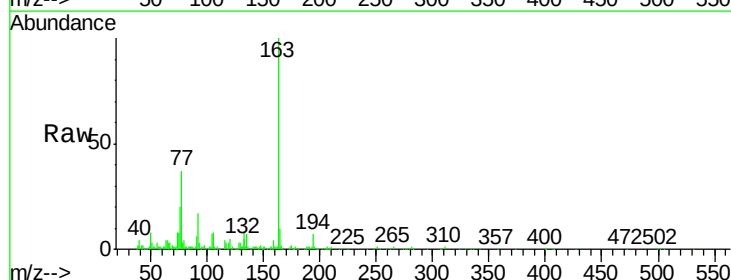
Instrument :
BNA_G
ClientSampleId :
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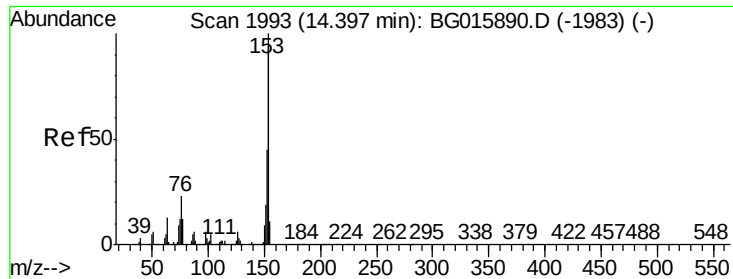
Tgt Ion:172 Resp: 1288047
Ion Ratio Lower Upper
172 100
171 35.2 29.2 43.8
170 24.5 18.6 27.8



#49
Dimethylphthalate
Concen: 6.66 ng
RT: 13.79 min Scan# 1889
Delta R.T. -0.01 min
Lab File: BG015966.D
Acq: 28 Jan 2015 3:45

Tgt Ion:163 Resp: 164836
Ion Ratio Lower Upper
163 100
194 6.6 6.2 9.4
164 9.9 8.0 12.0





#51

Acenaphthene

Concen: 2.83 ng

RT: 14.39 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BG015966.D

Acq: 28 Jan 2015 3:45

Instrument :

BNA_G

ClientSampleId :

275B3

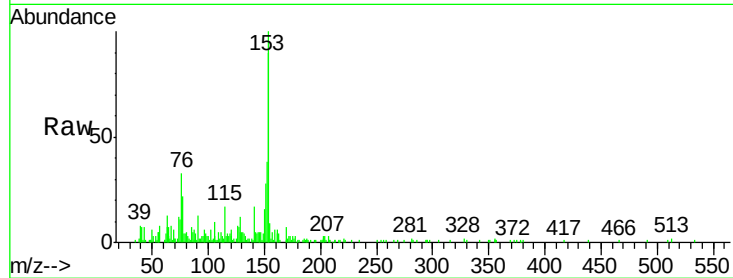
Tgt Ion:154 Resp: 49536

Ion Ratio Lower Upper

154 100

153 110.7 85.1 127.7

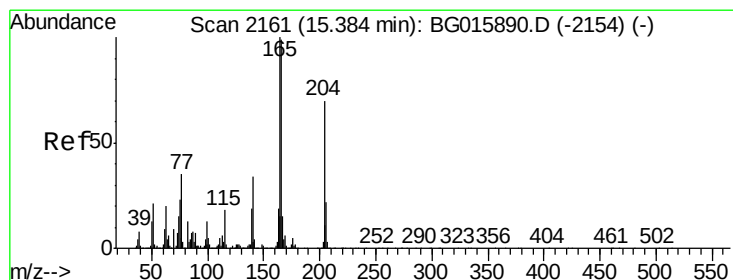
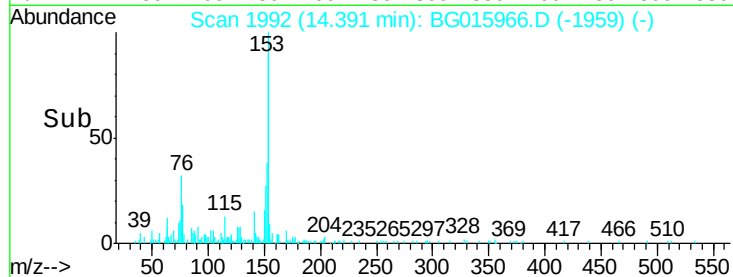
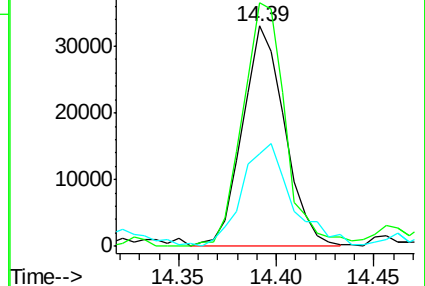
152 42.2 38.3 57.5



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



#57

Fluorene

Concen: 3.61 ng

RT: 15.38 min Scan# 2160

Delta R.T. -0.01 min

Lab File: BG015966.D

Acq: 28 Jan 2015 3:45

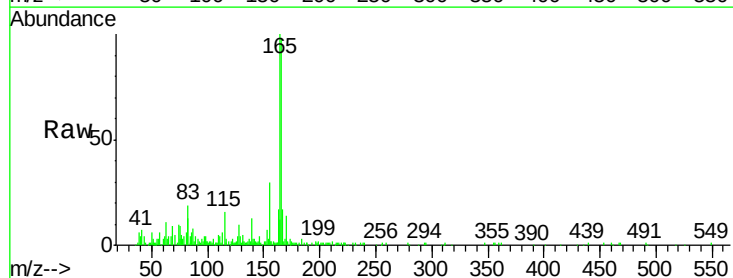
Tgt Ion:166 Resp: 94093

Ion Ratio Lower Upper

166 100

165 101.8 80.6 120.8

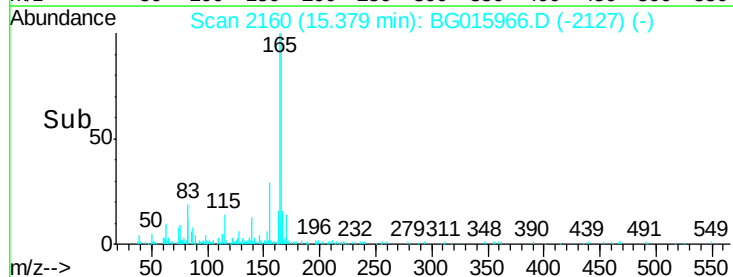
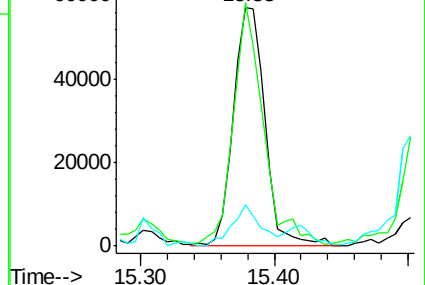
167 17.4 12.5 18.7

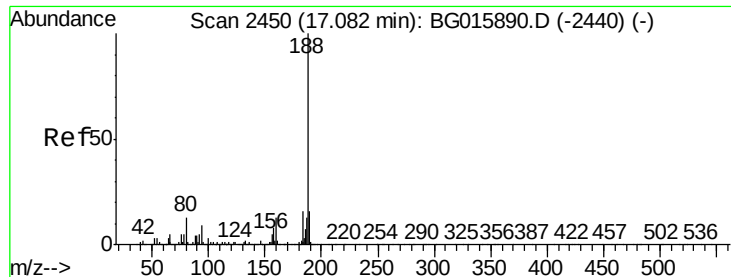


Abundance Ion 166.00 (165.70 to 166.70): E

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: BG015966.D

Acq: 28 Jan 2015 3:45

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275B3

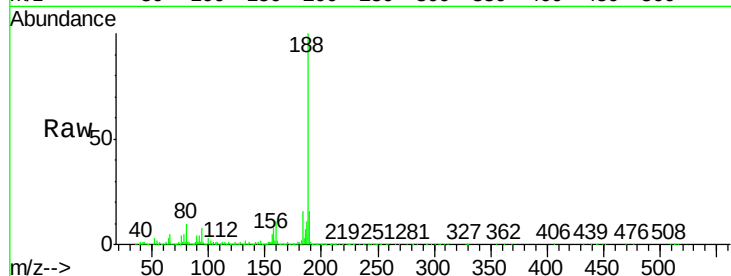
Tgt Ion:188 Resp: 906070

Ion Ratio Lower Upper

188 100

94 8.0 7.8 11.8

80 10.3 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

800000

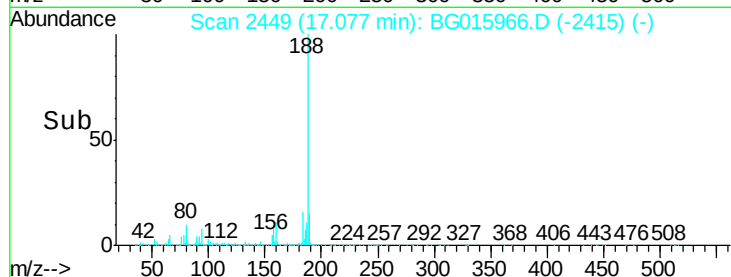
600000

400000

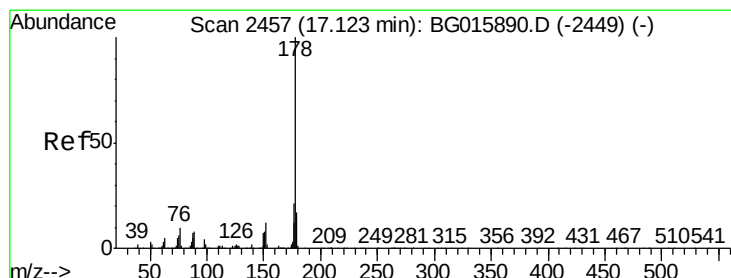
200000

0

17.00 17.05 17.10 17.15



Time-->



#70

Phenanthrene

Concen: 4.37 ng

RT: 17.12 min Scan# 2456

Delta R.T. -0.01 min

Lab File: BG015966.D

Acq: 28 Jan 2015 3:45

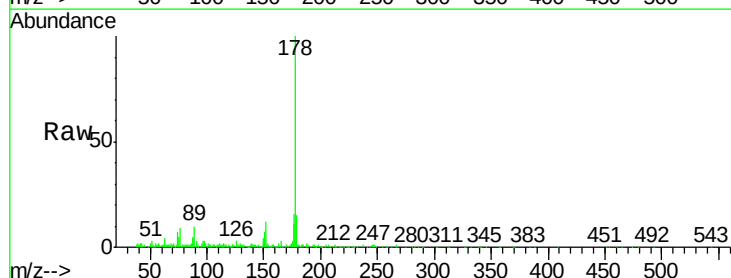
Tgt Ion:178 Resp: 198588

Ion Ratio Lower Upper

178 100

176 16.2 16.9 25.3#

179 14.6 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

200000

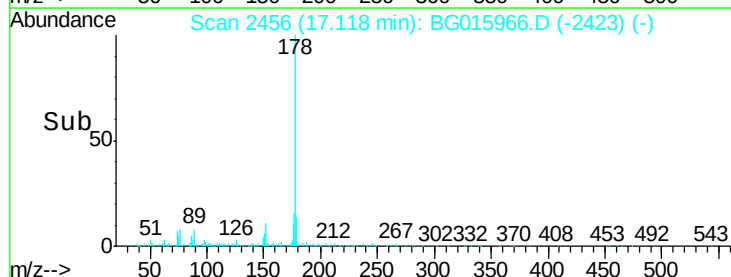
150000

100000

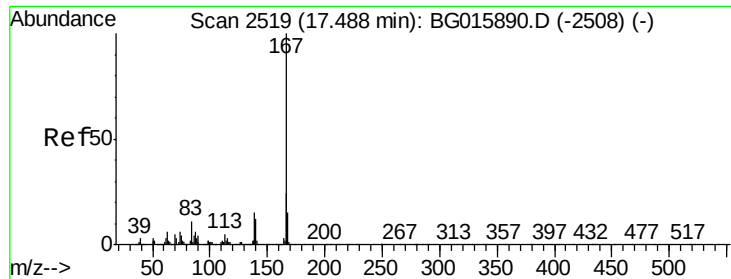
50000

0

17.10 17.15



Time-->



#72

Carbazole

Concen: 4.16 ng

RT: 17.49 min Scan# 2519

Delta R.T. 0.00 min

Lab File: BG015966.D

Acq: 28 Jan 2015 3:45

Instrument :

BNA_G

ClientSampleId :

275B3

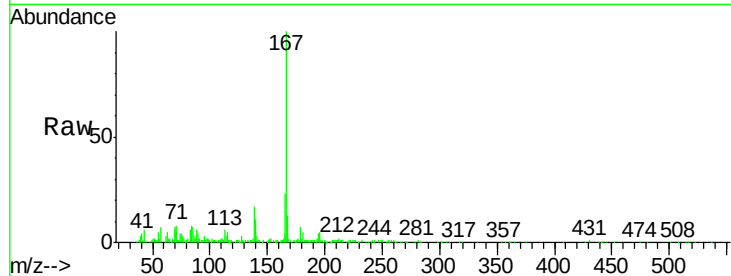
Tgt Ion:167 Resp: 163431

Ion Ratio Lower Upper

167 100

166 23.2 19.4 29.2

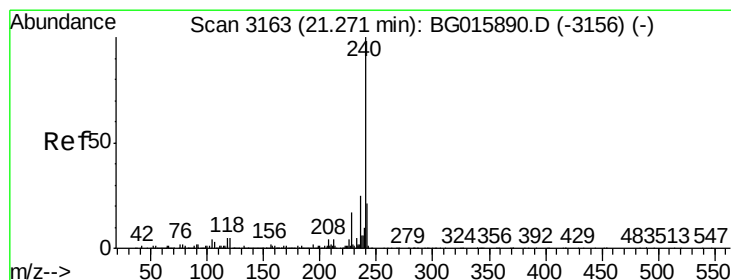
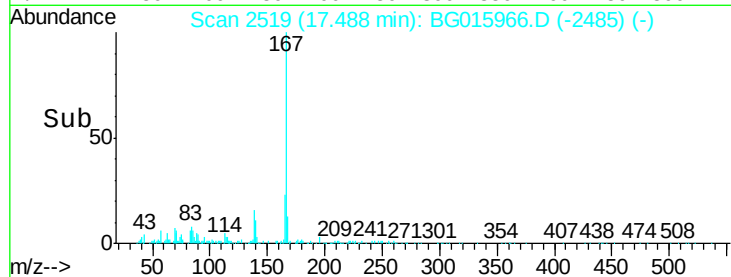
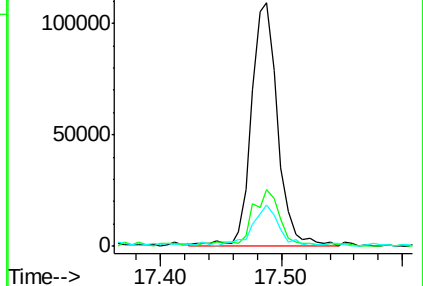
139 17.2 12.2 18.2



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# 3163

Delta R.T. 0.00 min

Lab File: BG015966.D

Acq: 28 Jan 2015 3:45

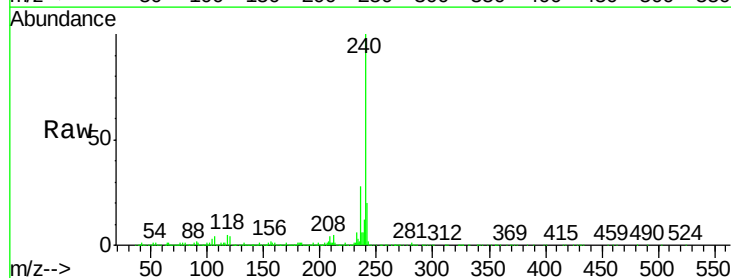
Tgt Ion:240 Resp: 1325679

Ion Ratio Lower Upper

240 100

120 4.5 3.9 5.9

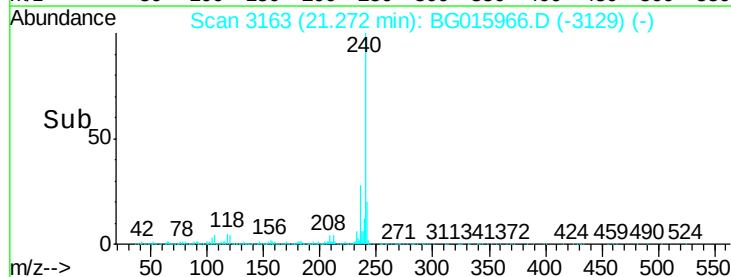
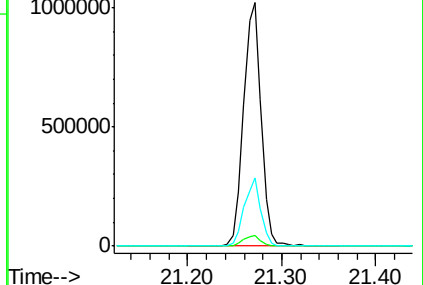
236 27.8 20.0 30.0

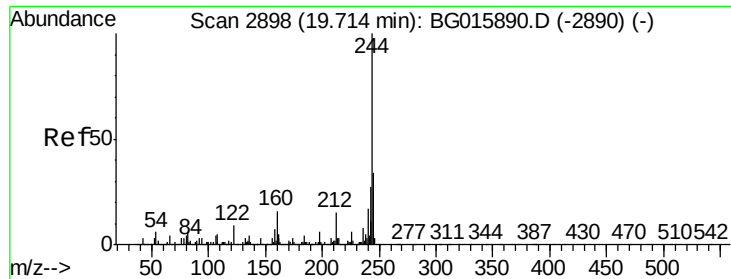


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 46.34 ng

RT: 19.71 min Scan# 2898

Delta R.T. 0.00 min

Lab File: BG015966.D

Acq: 28 Jan 2015 3:45

Instrument :

BNA_G

ClientSampleId :

275B3

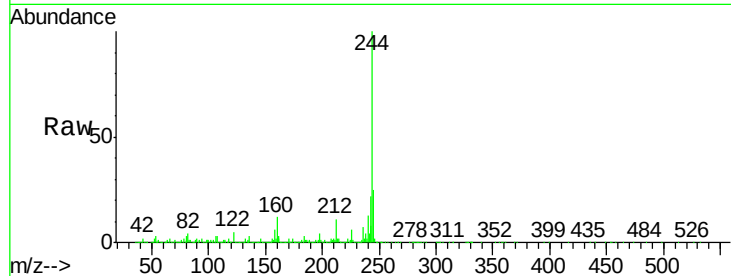
Tgt Ion:244 Resp: 2534262

Ion Ratio Lower Upper

244 100

212 10.6 11.6 17.4#

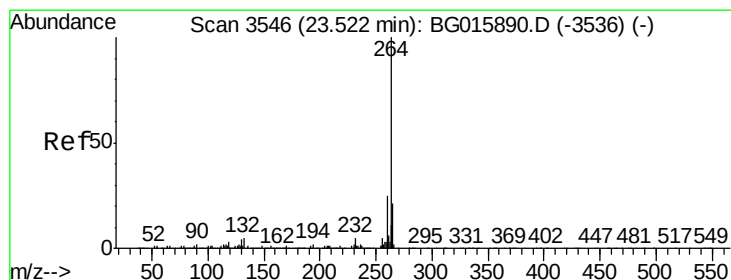
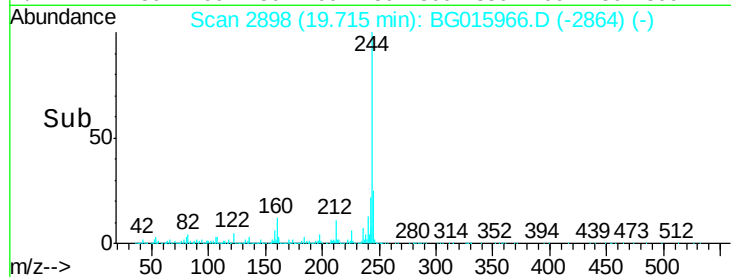
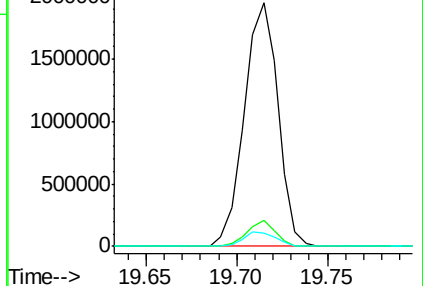
122 5.3 7.0 10.4#



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: 23.53 min Scan# 3547

Delta R.T. 0.01 min

Lab File: BG015966.D

Acq: 28 Jan 2015 3:45

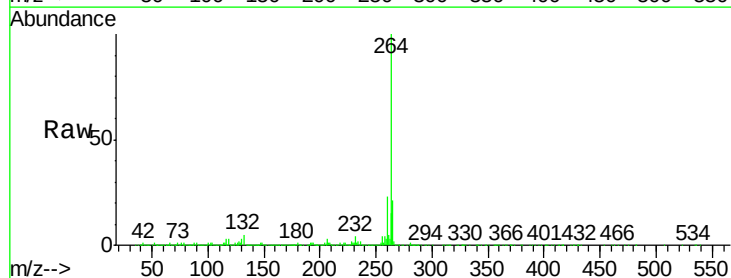
Tgt Ion:264 Resp: 1205964

Ion Ratio Lower Upper

264 100

260 23.4 19.7 29.5

265 20.9 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

