

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
 Data File : BG017263.D
 Acq On : 23 May 2015 3:20
 Operator : TP/IZ
 Sample : G2353-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAY-1

Quant Time: May 25 08:15:47 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 25 08:11:45 2015
 Response via : Initial Calibration

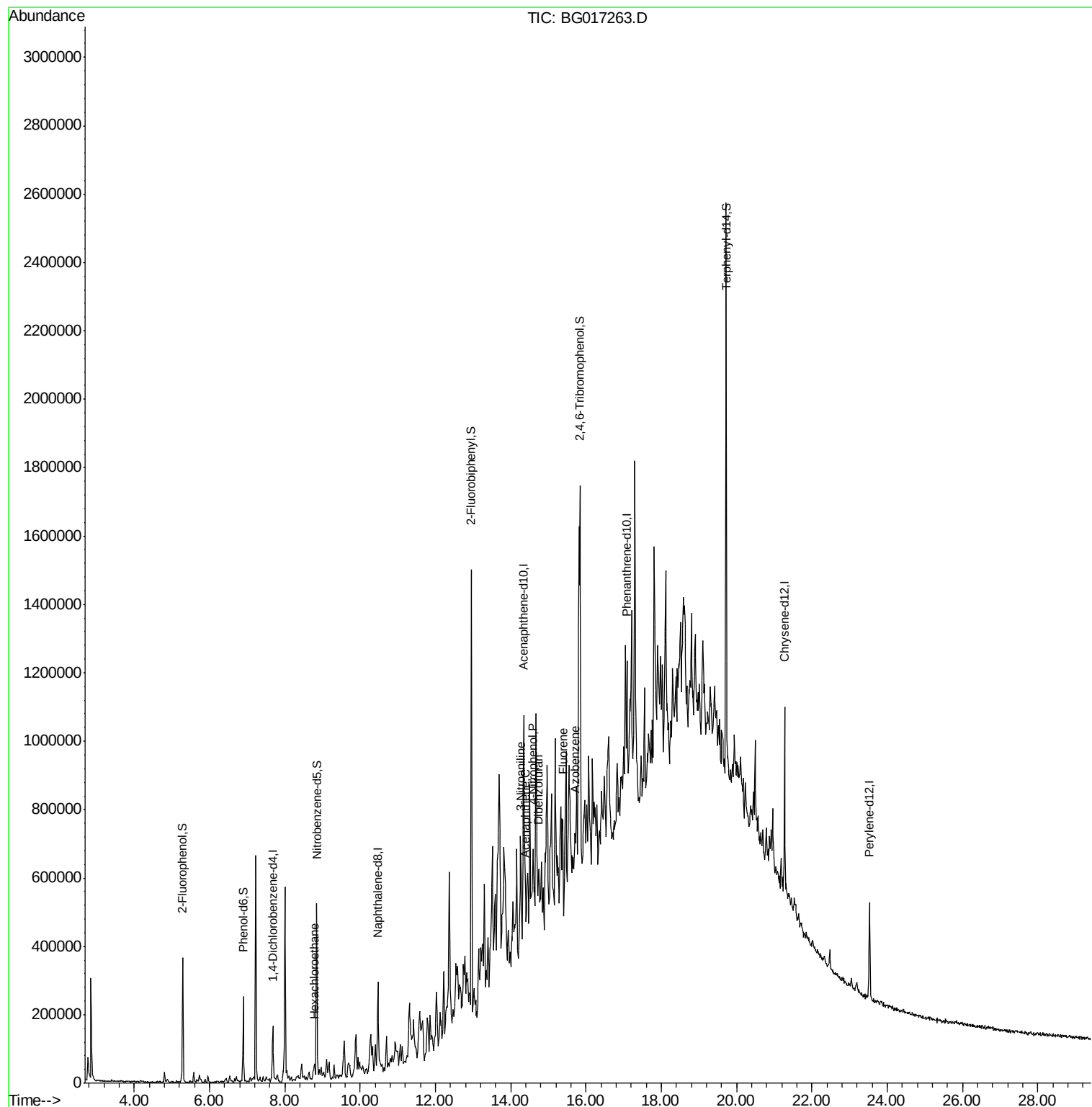
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	32611	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	138592	20.00	ng	0.00
38) Acenaphthene-d10	14.34	164	83582	20.00	ng	0.00
63) Phenanthrene-d10	17.09	188	178186	20.00	ng	0.00
75) Chrysene-d12	21.28	240	200156	20.00	ng	0.01
86) Perylene-d12	23.53	264	184301	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	132737	72.22	ng	0.01
7) Phenol-d6	6.90	99	115789	44.89	ng	0.01
23) Nitrobenzene-d5	8.85	82	258422	87.05	ng	0.00
41) 2,4,6-Tribromophenol	15.84	330	144544	143.06	ng	0.01
44) 2-Fluorobiphenyl	12.95	172	517695	90.89	ng	0.00
78) Terphenyl-d14	19.73	244	678272	70.62	ng	0.01
Target Compounds						
9) Benzaldehyde	6.82	77	304	Below Cal	#	1
18) Hexachloroethane	8.78	117	4302	4.15	ng	# 1
51) Acenaphthene	14.40	154	11746	2.44	ng	95
52) 3-Nitroaniline	14.25	138	13985	8.70	ng	# 17
54) Dibenzofuran	14.74	168	16289	2.27	ng	# 55
55) 4-Nitrophenol	14.59	139	2640	2.04	ng	# 9
57) Fluorene	15.39	166	20705	3.26	ng	# 94
62) Azobenzene	15.73	77	15525	2.31	ng	# 59

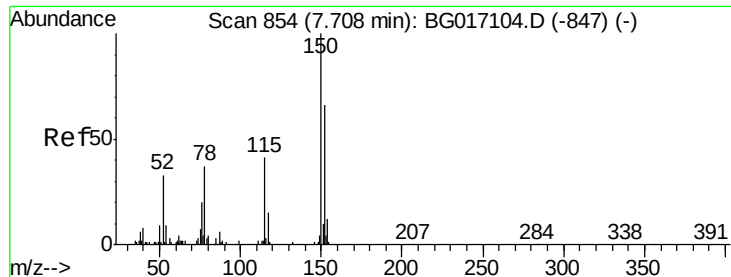
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon May 25 08:11:45 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.68 min Scan# 850

Delta R.T. 0.00 min

Lab File: BG017263.D

Acq: 23 May 2015 3:20

Instrument :

BNA_G

ClientSampleId :

DAY-1

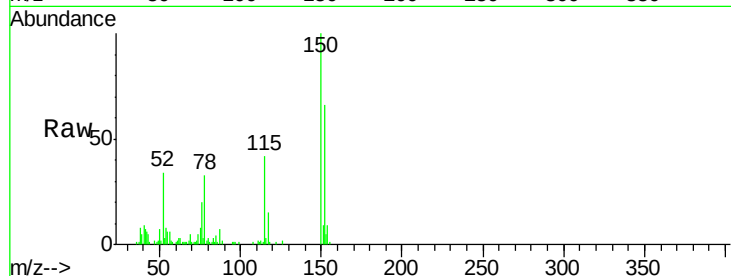
Tgt Ion:152 Resp: 32611

Ion Ratio Lower Upper

152 100

150 150.9 120.8 181.2

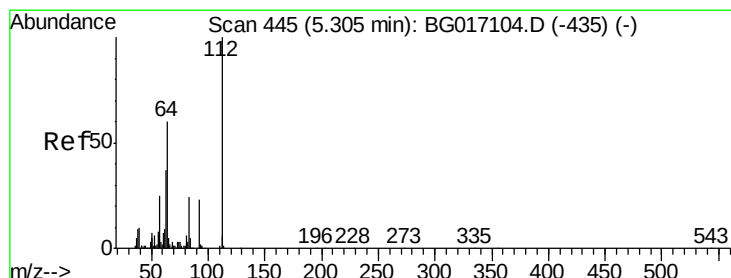
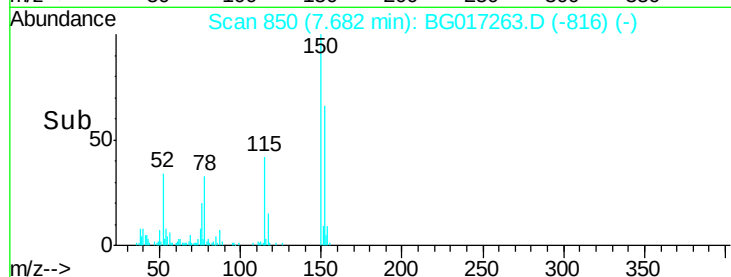
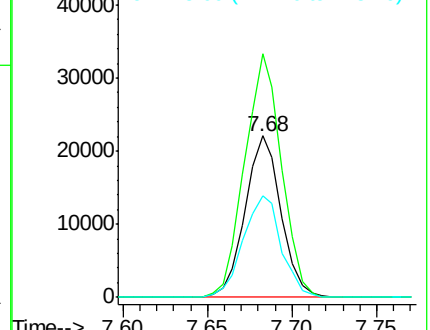
115 63.2 49.4 74.2



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: 72.22 ng

RT: 5.29 min Scan# 443

Delta R.T. 0.01 min

Lab File: BG017263.D

Acq: 23 May 2015 3:20

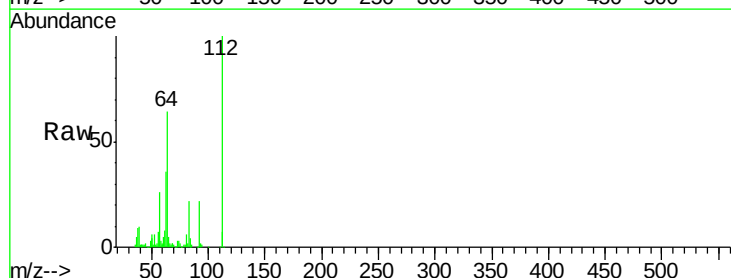
Tgt Ion:112 Resp: 132737

Ion Ratio Lower Upper

112 100

64 64.4 48.1 72.1

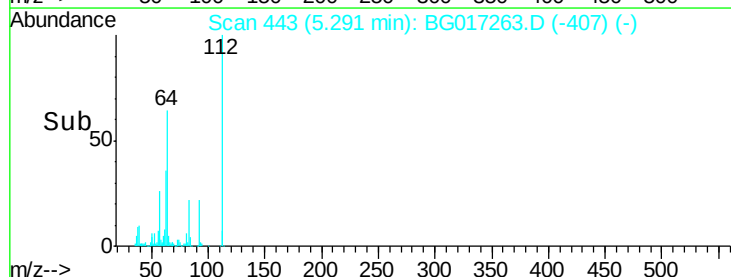
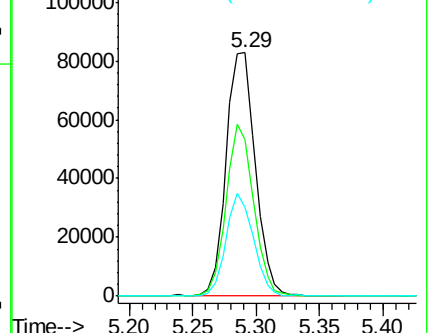
63 36.3 29.8 44.8

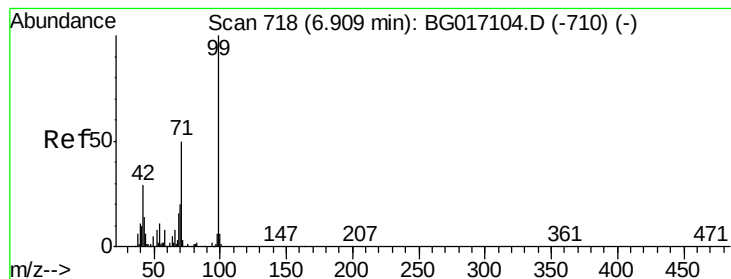


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 44.89 ng

RT: 6.90 min Scan# 716

Delta R.T. 0.01 min

Lab File: BG017263.D

Acq: 23 May 2015 3:20

Instrument :

BNA_G

ClientSampleId :

DAY-1

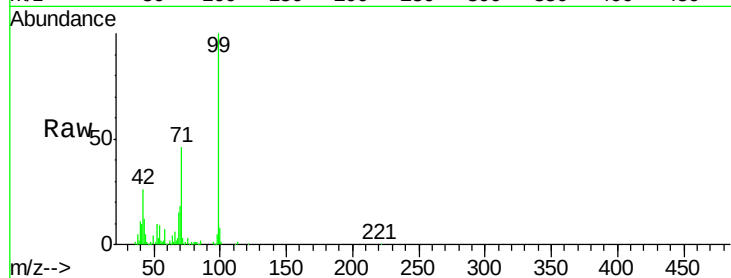
Tgt Ion: 99 Resp: 115789

Ion Ratio Lower Upper

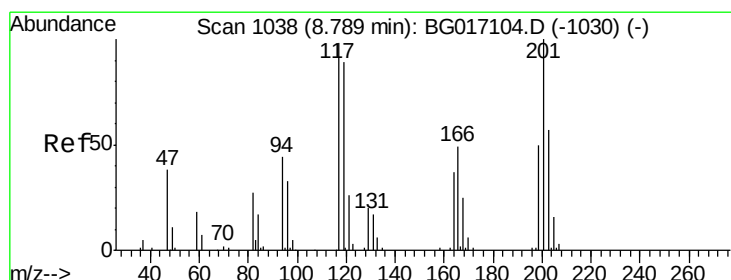
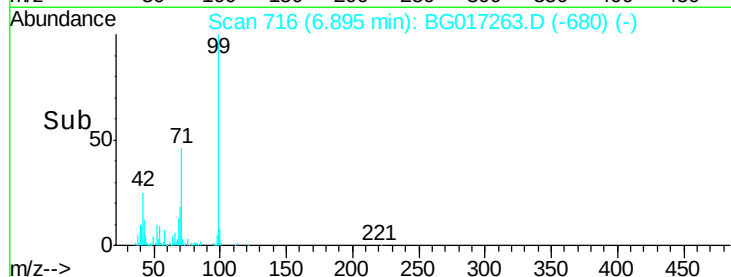
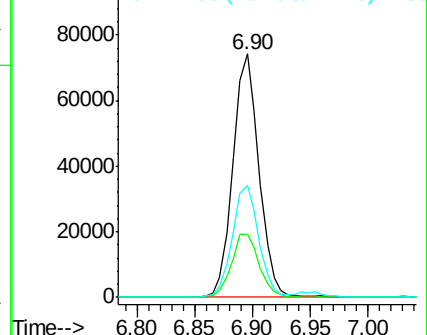
99 100

42 26.0 23.5 35.3

71 46.0 39.8 59.8



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



#18

Hexachloroethane

Concen: 4.15 ng

RT: 8.78 min Scan# 1037

Delta R.T. 0.02 min

Lab File: BG017263.D

Acq: 23 May 2015 3:20

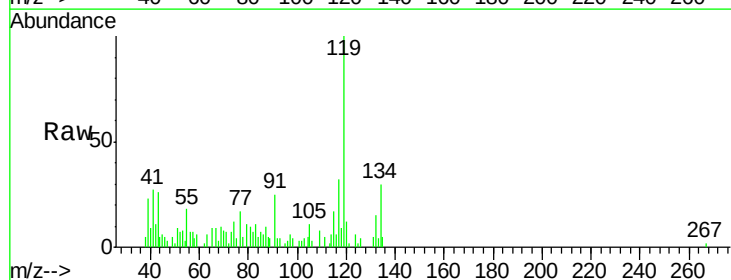
Tgt Ion: 117 Resp: 4302

Ion Ratio Lower Upper

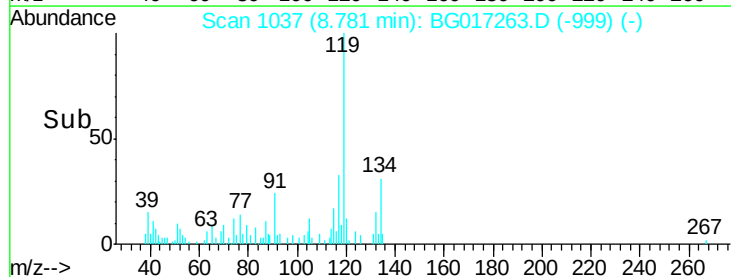
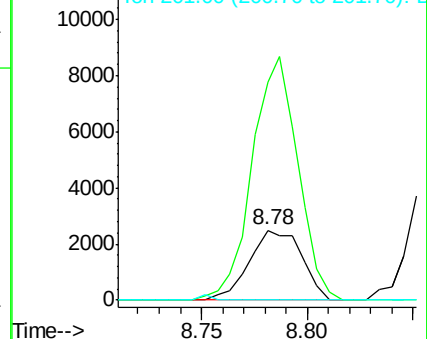
117 100

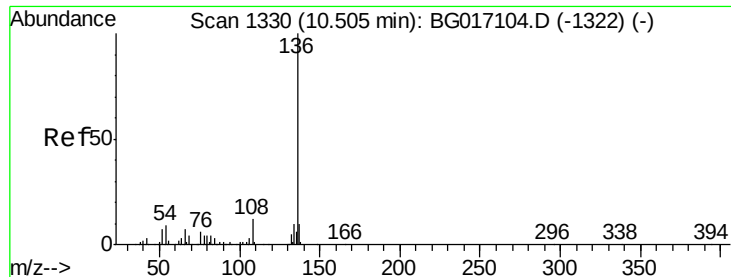
119 310.9 73.0 109.6#

201 0.0 81.7 122.5#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

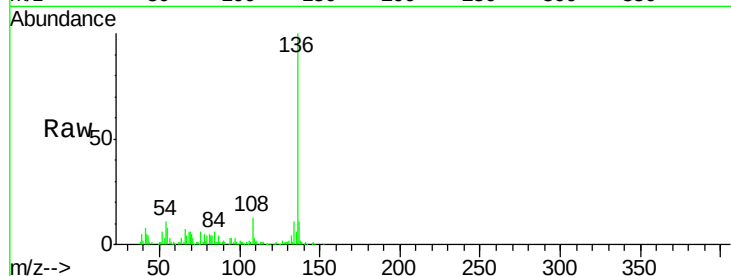




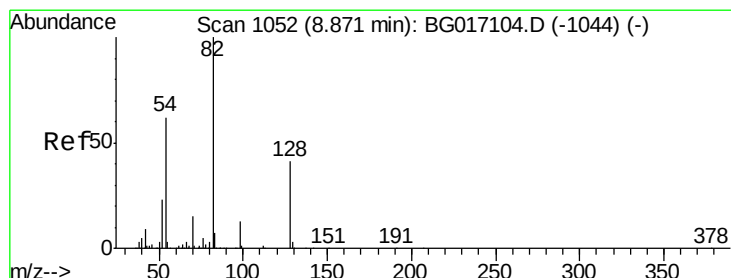
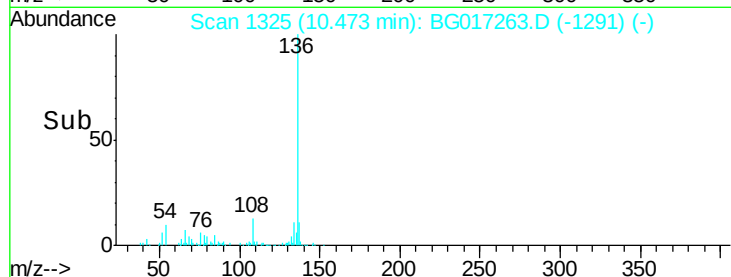
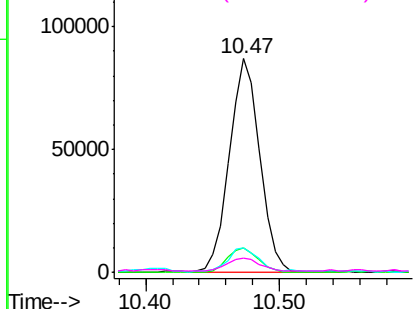
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.47 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BG017263.D
Acq: 23 May 2015 3:20

Instrument :
BNA_G
ClientSampleId :
DAY-1

Tgt Ion:	136	Resp:	138592
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.3	12.5
54	11.2	7.4	11.2#
68	6.3	3.6	5.4#

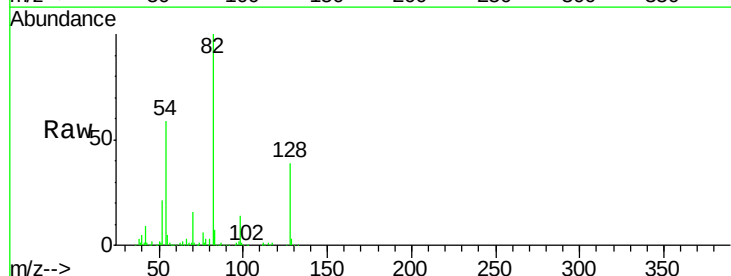


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

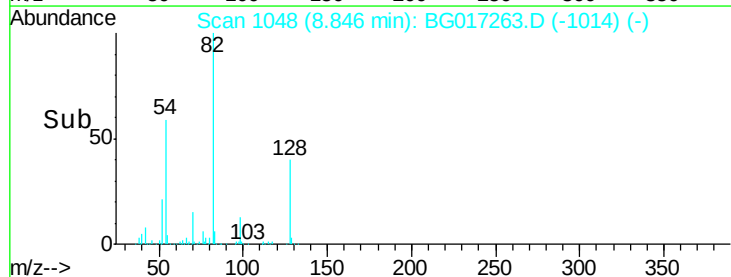
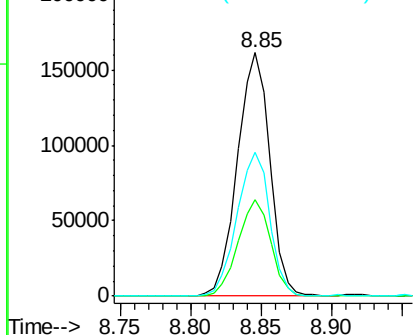


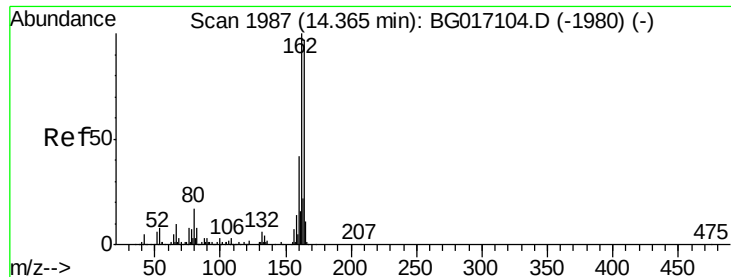
#23
Nitrobenzene-d5
Concen: 87.05 ng
RT: 8.85 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BG017263.D
Acq: 23 May 2015 3:20

Tgt Ion:	82	Resp:	258422
Ion	Ratio	Lower	Upper
82	100		
128	39.5	32.6	49.0
54	58.9	49.6	74.4



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.34 min Scan# 1983

Delta R.T. 0.01 min

Lab File: BG017263.D

Acq: 23 May 2015 3:20

Instrument :

BNA_G

ClientSampled :

DAY-1

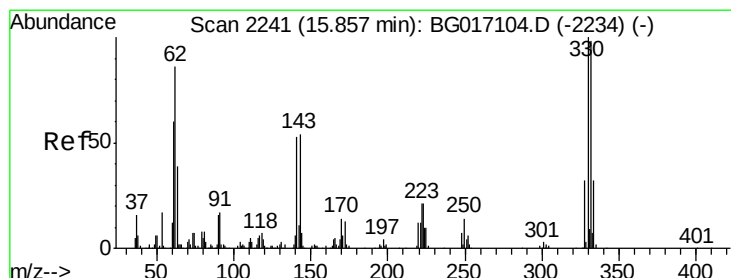
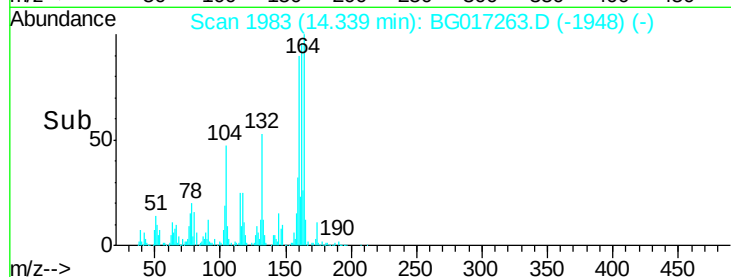
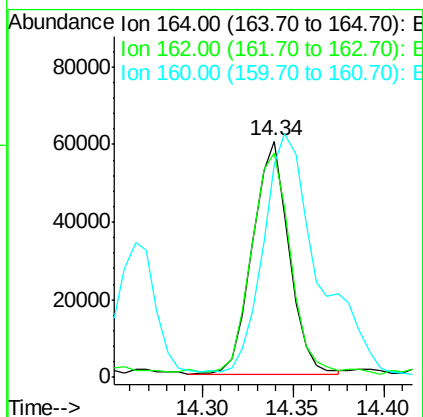
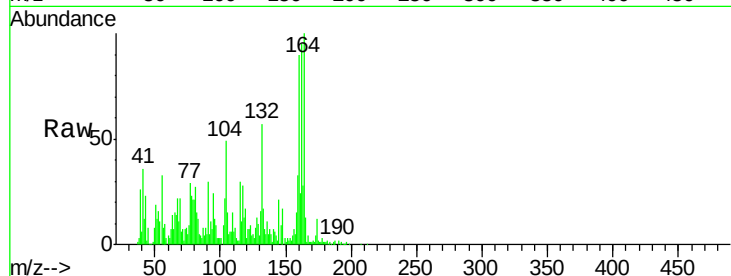
Tgt Ion:164 Resp: 83582

Ion Ratio Lower Upper

164 100

162 95.2 82.1 123.1

160 90.2 34.8 52.2#



#41

2,4,6-Tribromophenol

Concen: 143.06 ng

RT: 15.84 min Scan# 2239

Delta R.T. 0.01 min

Lab File: BG017263.D

Acq: 23 May 2015 3:20

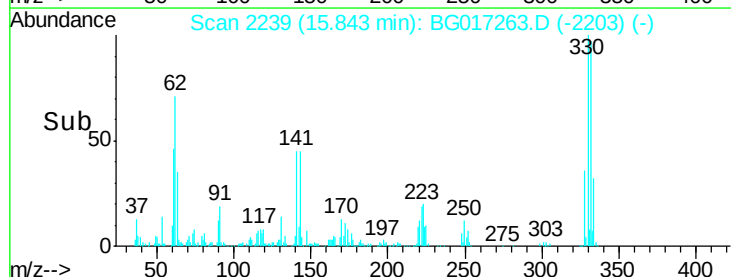
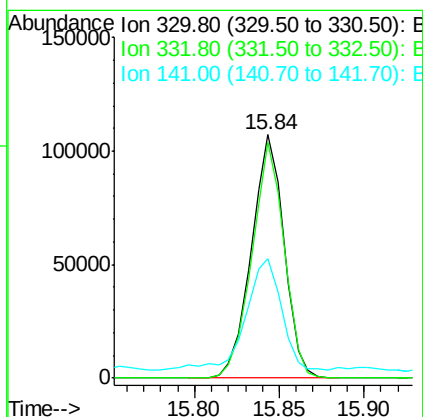
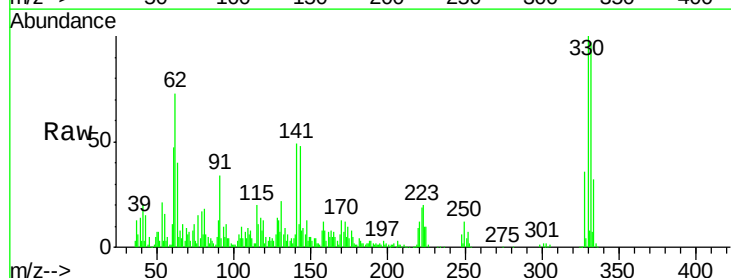
Tgt Ion:330 Resp: 144544

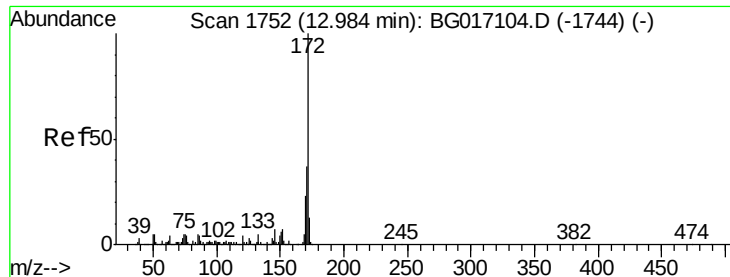
Ion Ratio Lower Upper

330 100

332 95.4 76.9 115.3

141 53.0 42.2 63.2

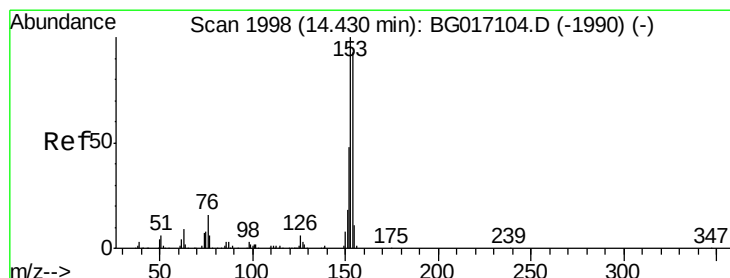
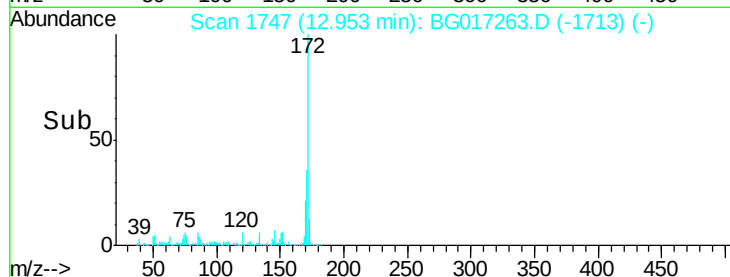
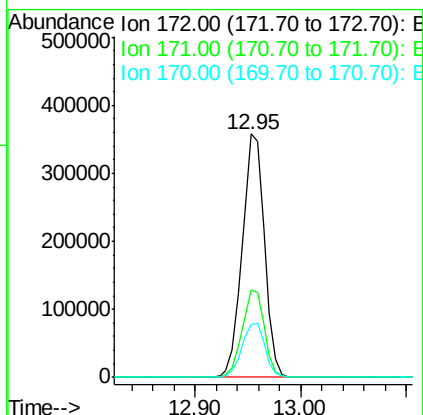
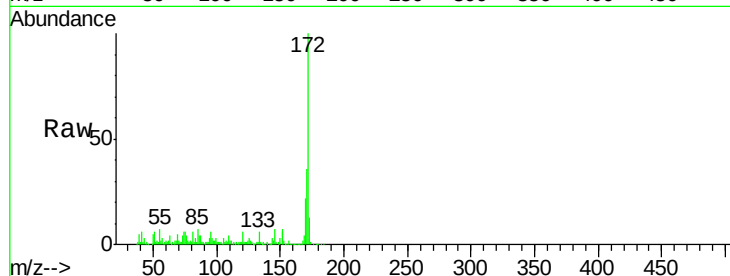




#44
2-Fluorobiphenyl
Concen: 90.89 ng
RT: 12.95 min Scan# 1747
Delta R.T. 0.00 min
Lab File: BG017263.D
Acq: 23 May 2015 3:20

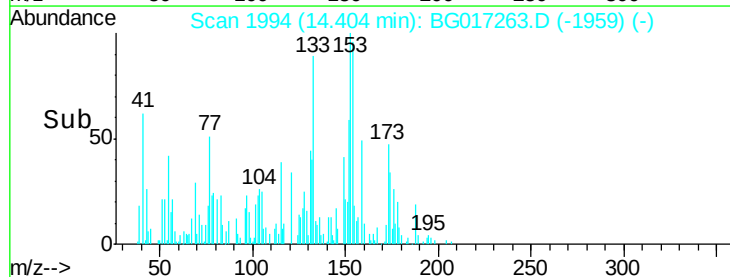
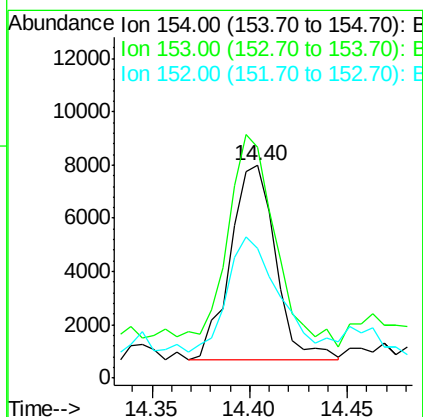
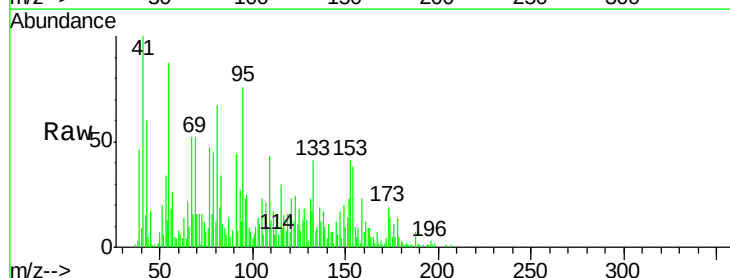
Instrument :
BNA_G
ClientSampleId :
DAY-1

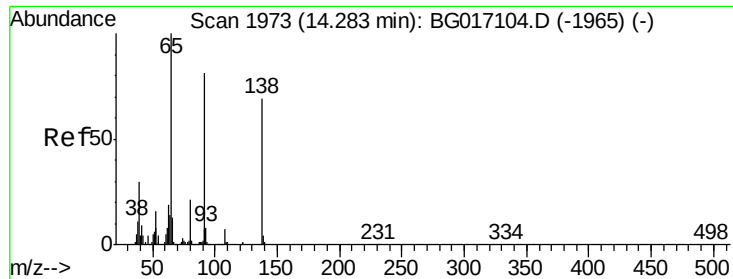
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	21.7	18.4	27.6



#51
Acenaphthene
Concen: 2.44 ng
RT: 14.40 min Scan# 1994
Delta R.T. 0.01 min
Lab File: BG017263.D
Acq: 23 May 2015 3:20

Tgt Ion	Ratio	Lower	Upper
154	100		
153	108.7	86.2	129.4
152	61.2	41.5	62.3

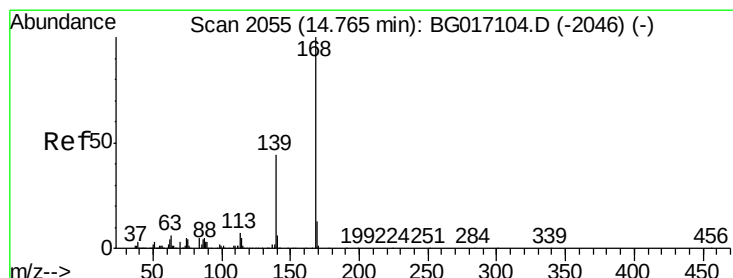
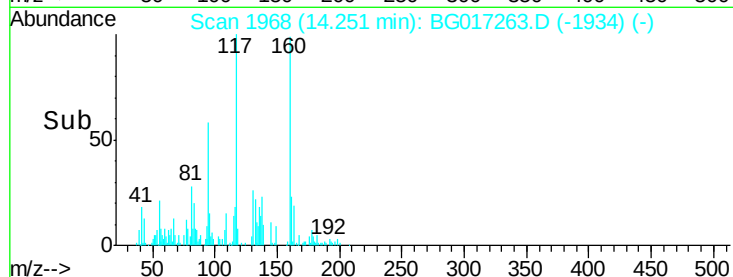
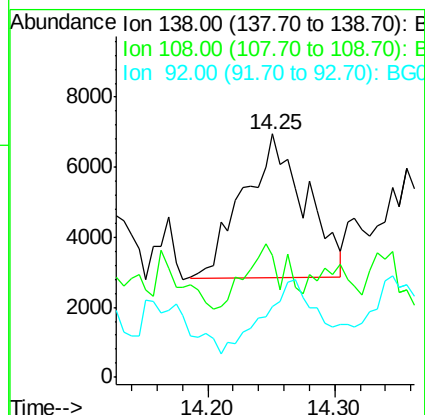
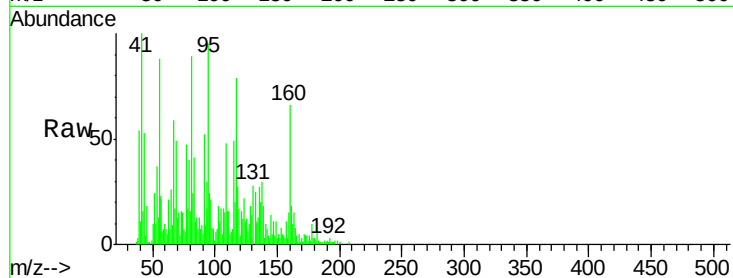




#52
3-Nitroaniline
Concen: 8.70 ng
RT: 14.25 min Scan# 1968
Delta R.T. 0.00 min
Lab File: BG017263.D
Acq: 23 May 2015 3:20

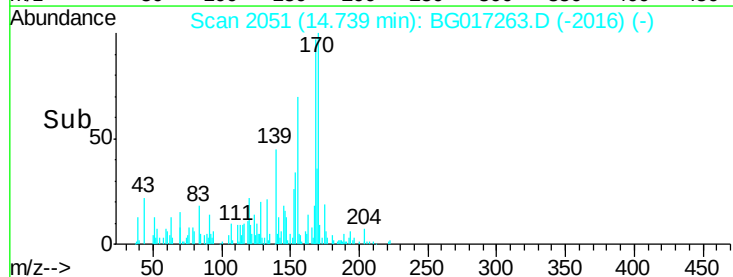
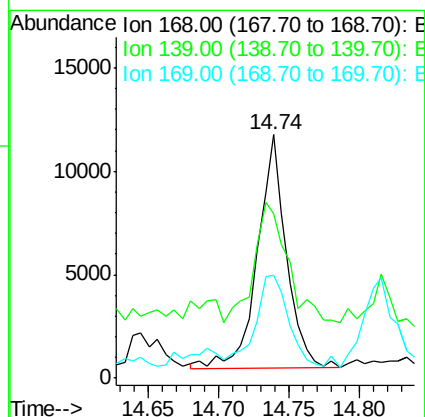
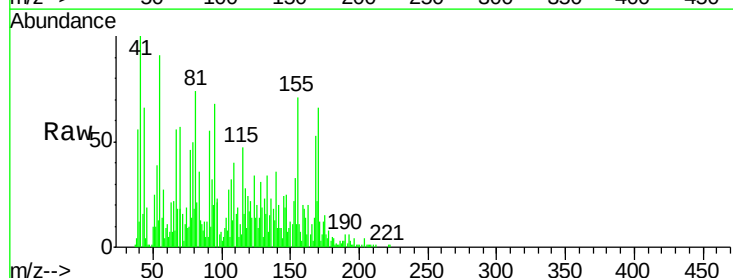
Instrument :
BNA_G
ClientSampleId :
DAY-1

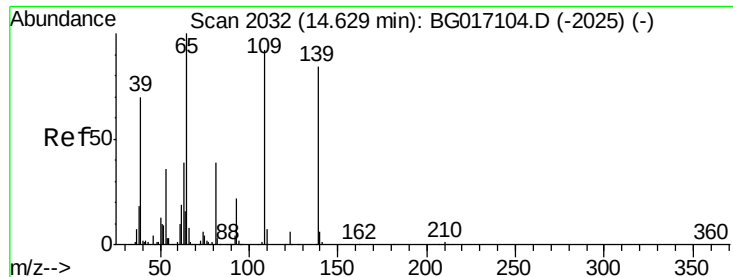
Tgt Ion:138 Resp: 13985
Ion Ratio Lower Upper
138 100
108 50.2 7.6 11.4#
92 29.1 93.6 140.4#



#54
Dibenzofuran
Concen: 2.27 ng
RT: 14.74 min Scan# 2051
Delta R.T. 0.01 min
Lab File: BG017263.D
Acq: 23 May 2015 3:20

Tgt Ion:168 Resp: 16289
Ion Ratio Lower Upper
168 100
139 67.4 34.9 52.3#
169 42.5 10.5 15.7#

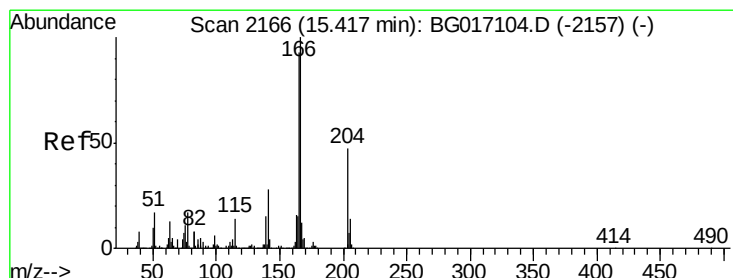
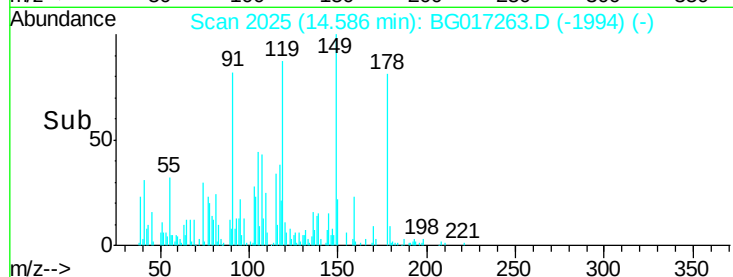
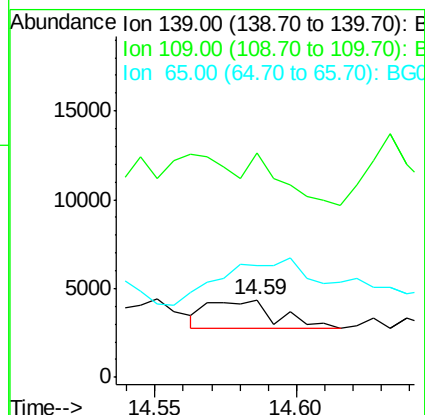
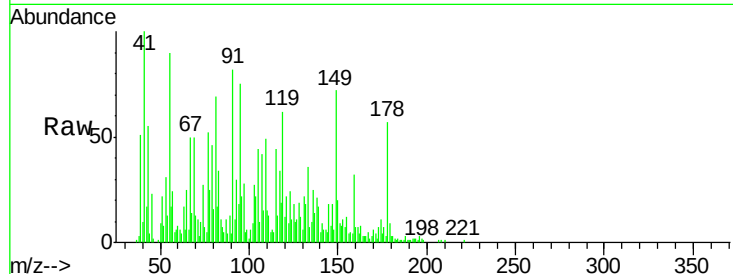




#55
4-Nitrophenol
Concen: 2.04 ng
RT: 14.59 min Scan# 2025
Delta R.T. -0.02 min
Lab File: BG017263.D
Acq: 23 May 2015 3:20

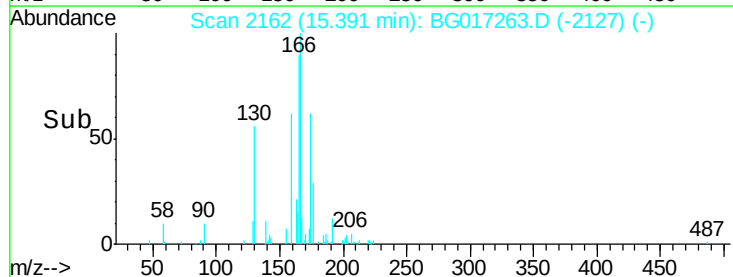
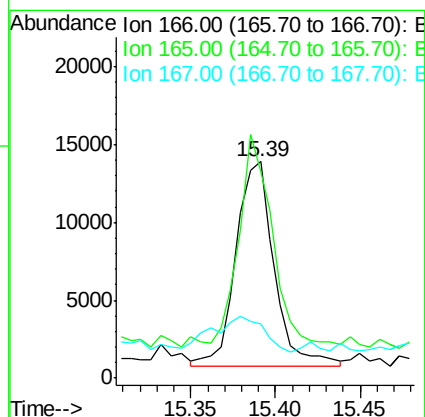
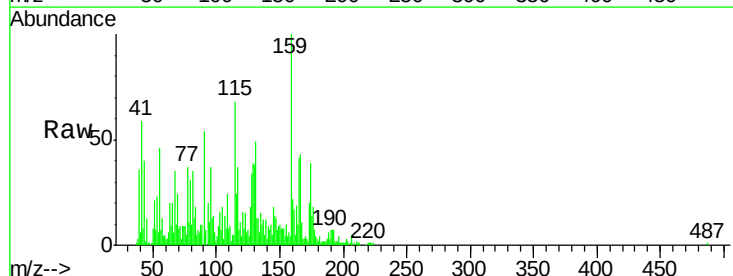
Instrument :
BNA_G
ClientSampleId :
DAY-1

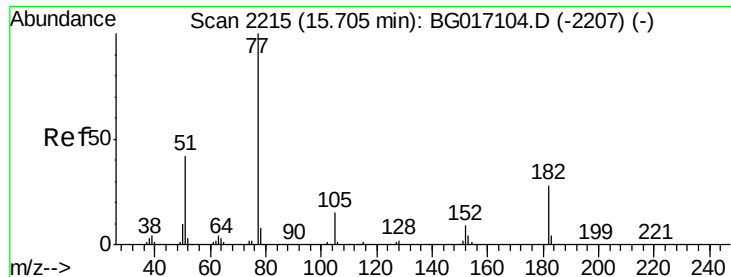
Tgt Ion:139 Resp: 2640
Ion Ratio Lower Upper
139 100
109 287.7 90.5 130.5#
65 142.8 99.9 139.9#



#57
Fluorene
Concen: 3.26 ng
RT: 15.39 min Scan# 2162
Delta R.T. 0.01 min
Lab File: BG017263.D
Acq: 23 May 2015 3:20

Tgt Ion:166 Resp: 20705
Ion Ratio Lower Upper
166 100
165 95.6 74.2 111.4
167 25.3 9.8 14.8#





#62

Azobenzene

Concen: 2.31 ng

RT: 15.73 min Scan# 2219

Delta R.T. 0.05 min

Lab File: BG017263.D

Acq: 23 May 2015 3:20

Instrument :

BNA_G

ClientSampled :

DAY-1

Tgt Ion: 77 Resp: 15525

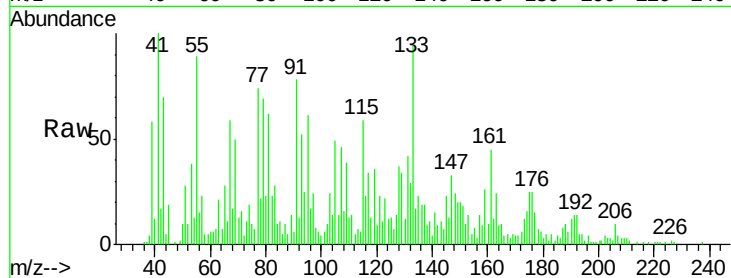
Ion Ratio Lower Upper

77 100

182 2.9 8.1 48.1#

105 65.6 0.0 34.8#

51 37.3 22.0 62.0

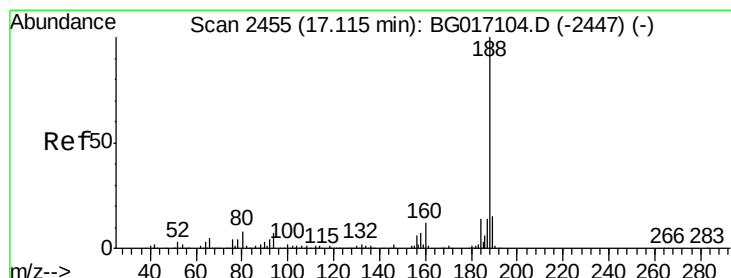
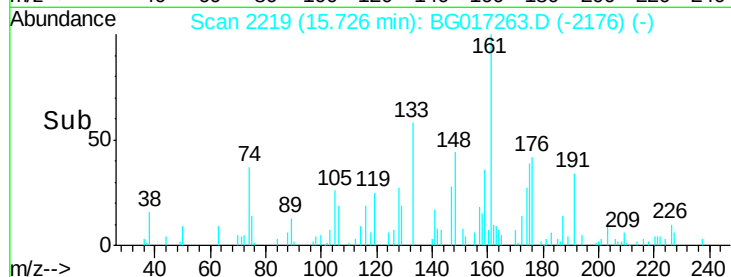
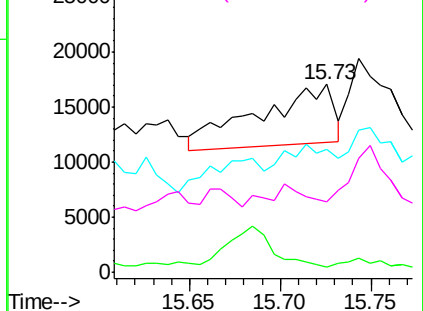


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.09 min Scan# 2451

Delta R.T. 0.01 min

Lab File: BG017263.D

Acq: 23 May 2015 3:20

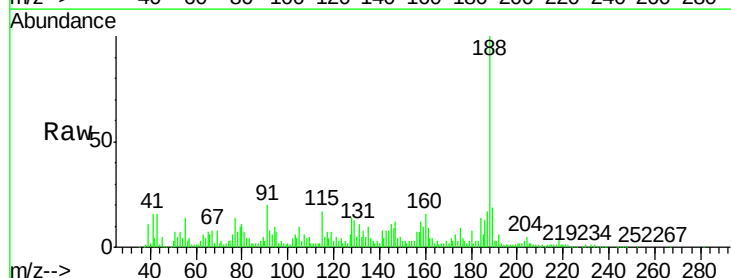
Tgt Ion: 188 Resp: 178186

Ion Ratio Lower Upper

188 100

94 10.0 5.8 8.6#

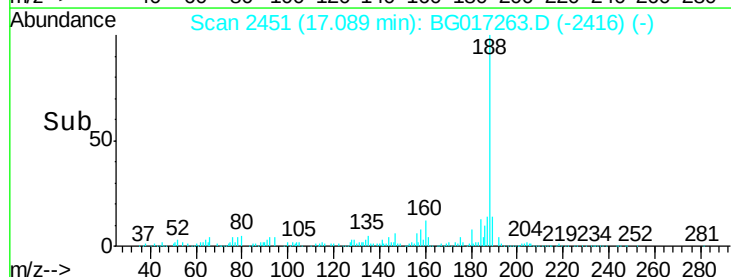
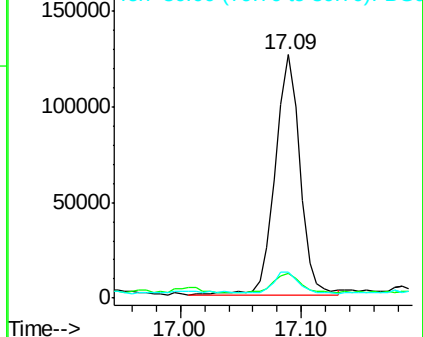
80 10.8 6.5 9.7#

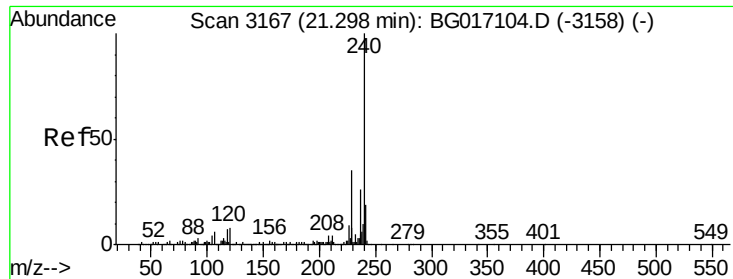


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.28 min Scan# 3164

Delta R.T. 0.01 min

Lab File: BG017263.D

Acq: 23 May 2015 3:20

Instrument :

BNA_G

ClientSampleId :

DAY-1

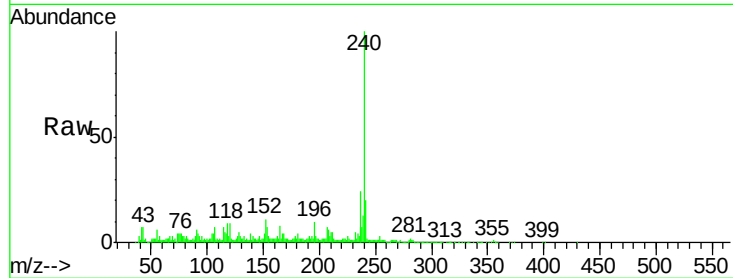
Tgt Ion:240 Resp: 200156

Ion Ratio Lower Upper

240 100

120 8.9 6.0 9.0

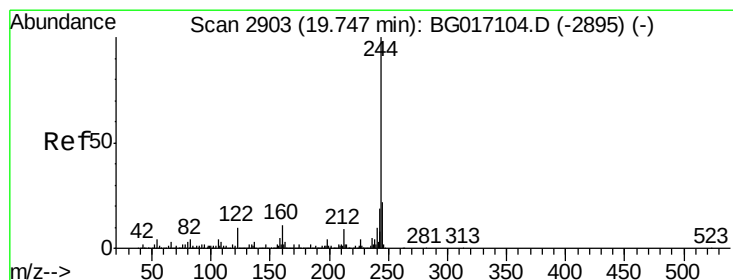
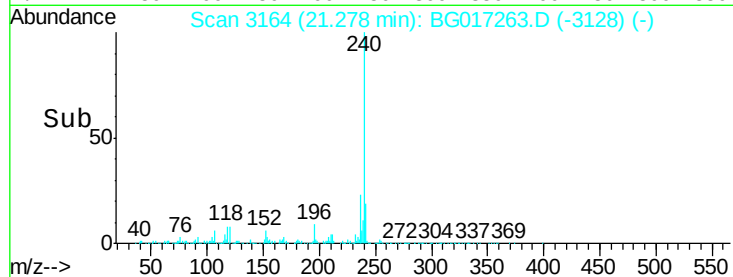
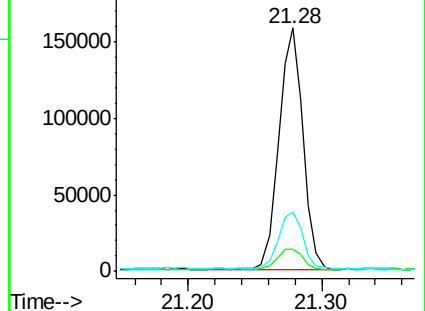
236 24.4 20.5 30.7



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: 70.62 ng

RT: 19.73 min Scan# 2900

Delta R.T. 0.01 min

Lab File: BG017263.D

Acq: 23 May 2015 3:20

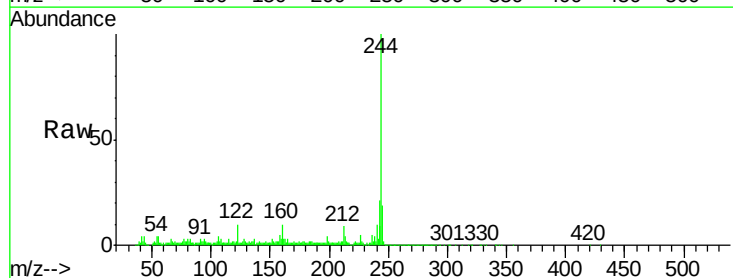
Tgt Ion:244 Resp: 678272

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.4

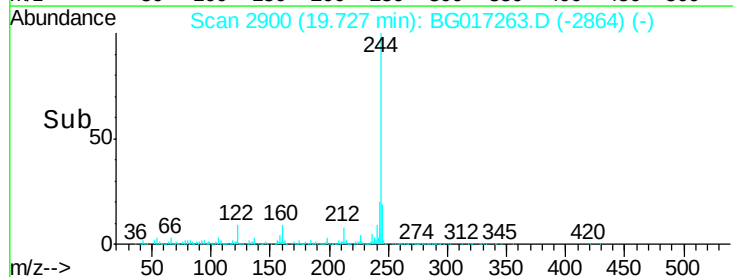
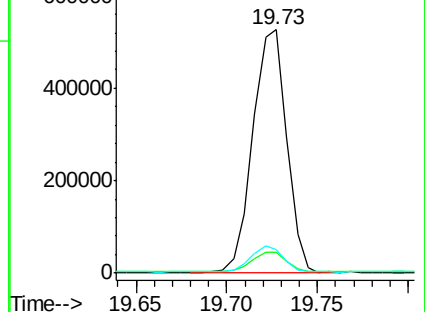
122 9.8 8.4 12.6

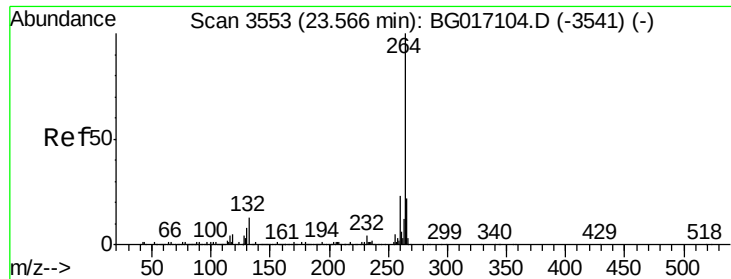


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

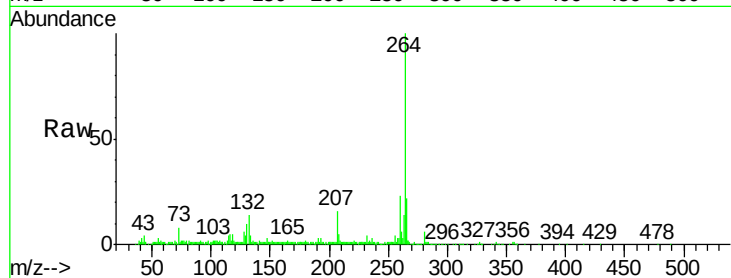




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.53 min Scan# 3548
Delta R.T. 0.02 min
Lab File: BG017263.D
Acq: 23 May 2015 3:20

Instrument :
BNA_G
ClientSampleId :
DAY-1

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.0	27.0
265	22.0	17.4	26.0



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

