

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091215\
 Data File : BG018653.D
 Acq On : 11 Sep 2015 23:53
 Operator : UM/IZ
 Sample : G3625-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 1508043499

Quant Time: Sep 12 00:57:25 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 11 10:44:16 2015
 Response via : Initial Calibration

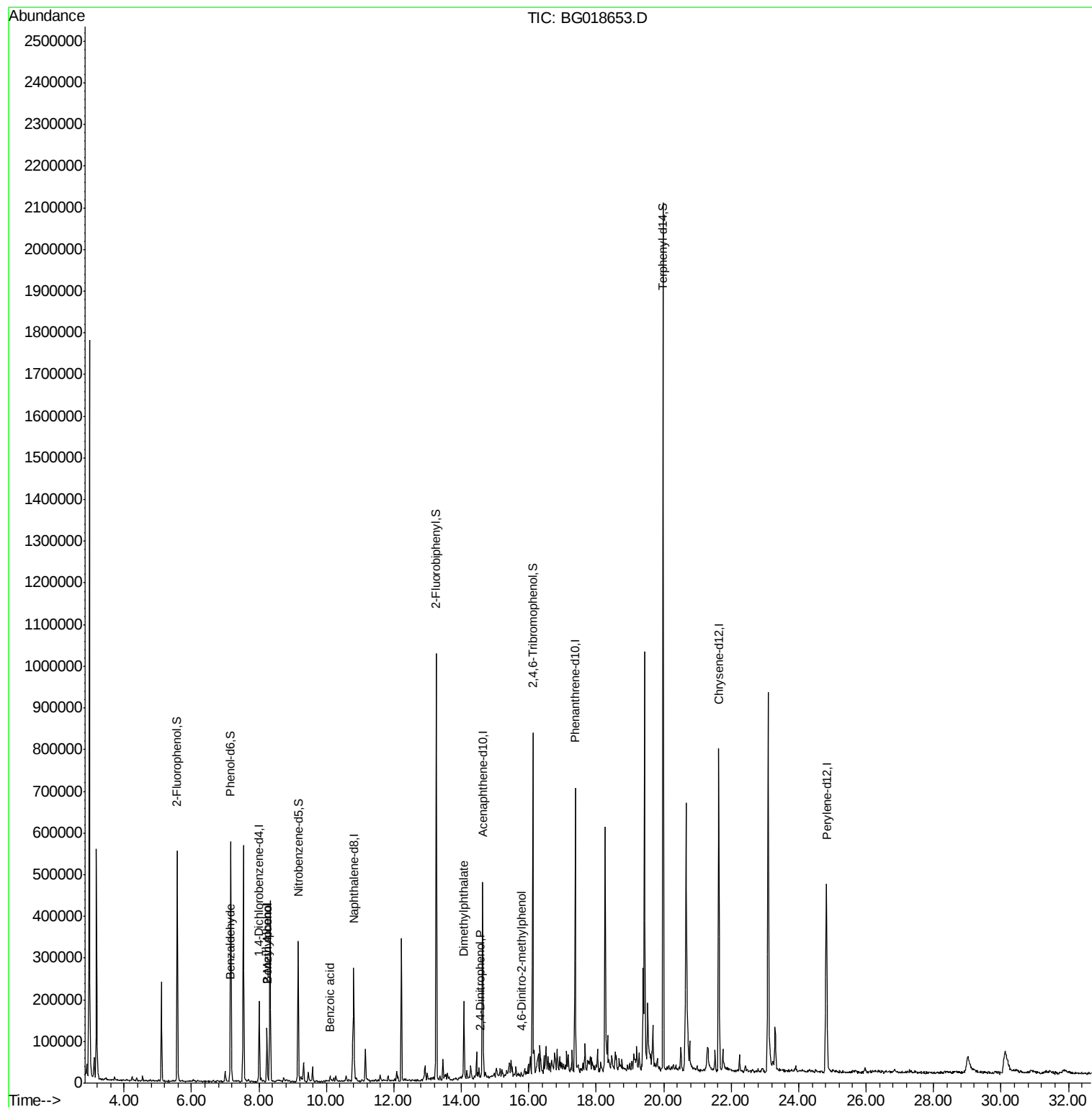
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	57206	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	237512	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	158885	20.00	ng	0.00
63) Phenanthrene-d10	17.37	188	422202	20.00	ng	0.00
75) Chrysene-d12	21.63	240	466005	20.00	ng	0.00
86) Perylene-d12	24.82	264	470509	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	257819	77.85	ng	0.00
7) Phenol-d6	7.16	99	375159	79.01	ng	0.00
23) Nitrobenzene-d5	9.16	82	211820	49.90	ng	0.00
41) 2,4,6-Tribromophenol	16.12	330	160269	74.91	ng	0.00
44) 2-Fluorobiphenyl	13.26	172	549065	47.97	ng	0.00
78) Terphenyl-d14	19.98	244	916499	51.65	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.14	77	5447	2.13	ng	80
15) Benzyl Alcohol	8.24	79	44706	13.06	ng	92
17) 2-Methylphenol	8.24	107	25868	7.42	ng	# 16
32) Benzoic acid	10.09	122	336	8.02	ng	# 35
49) Dimethylphthalate	14.08	163	114144	8.68	ng	# 98
53) 2,4-Dinitrophenol	14.55	184	148	7.74	ng	# 24
64) 4,6-Dinitro-2-methylphenol	15.79	198	65	5.43	ng	# 37

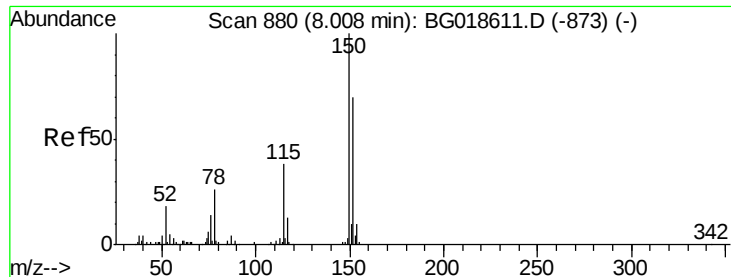
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.00 min Scan# 879

Delta R.T. -0.01 min

Lab File: BG018653.D

Acq: 11 Sep 2015 23:53

Instrument :

BNA_G

ClientSampleId :

1508043499

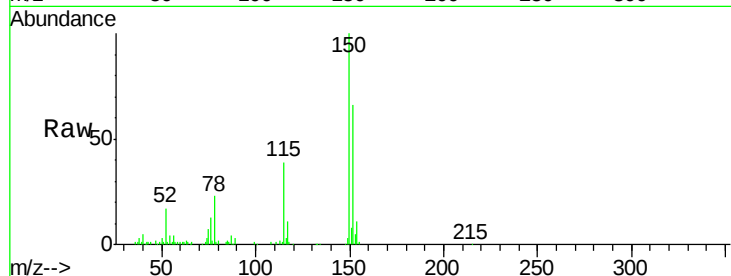
Tot Ion:152 Resp: 57206

Ion Ratio Lower Upper

152 100

150 150.8 115.0 172.4

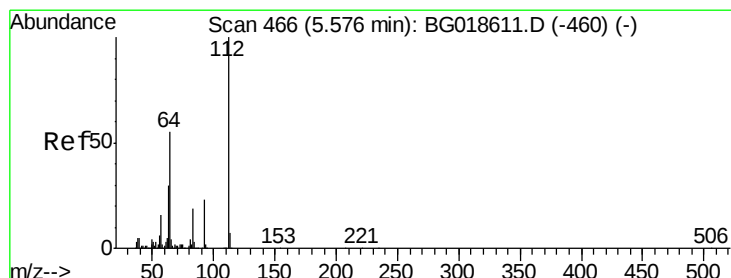
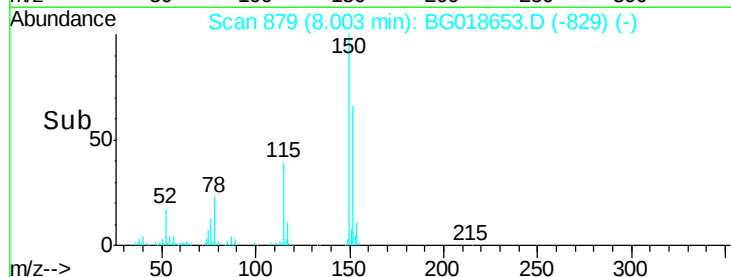
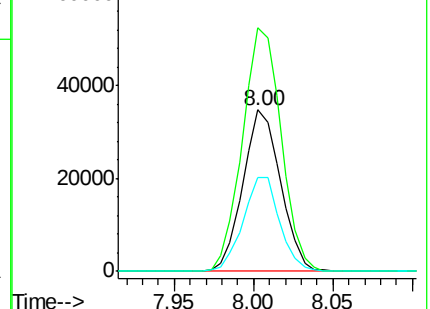
115 58.1 43.9 65.9



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: 77.85 ng

RT: 5.58 min Scan# 466

Delta R.T. -0.00 min

Lab File: BG018653.D

Acq: 11 Sep 2015 23:53

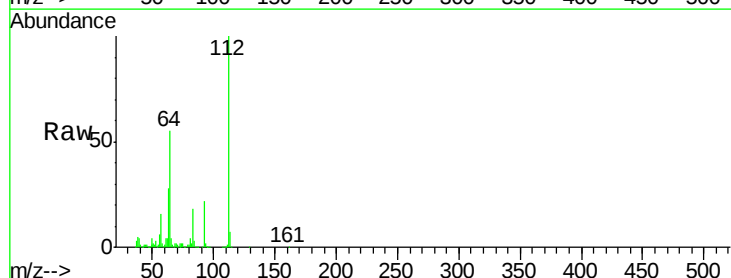
Tgt Ion:112 Resp: 257819

Ion Ratio Lower Upper

112 100

64 54.9 43.7 65.5

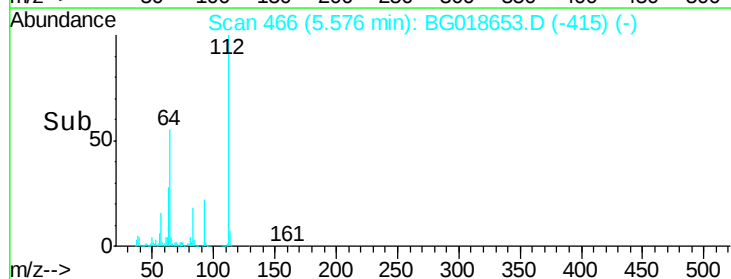
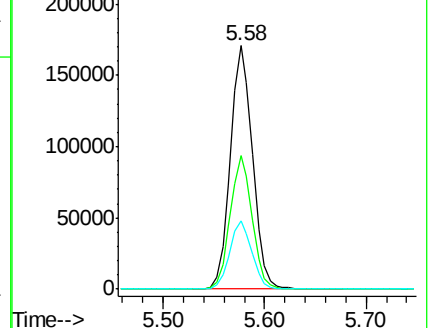
63 28.0 24.0 36.0

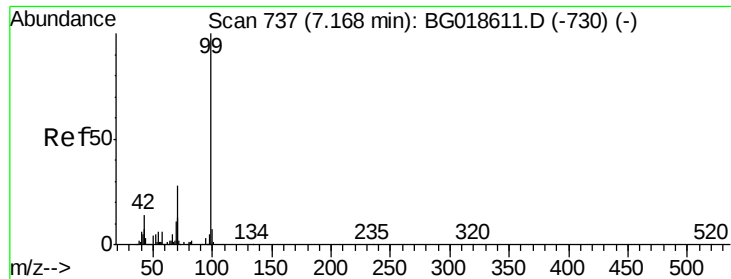


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 79.01 ng

RT: 7.16 min Scan# 736

Delta R.T. -0.00 min

Lab File: BG018653.D

Acq: 11 Sep 2015 23:53

Instrument :

BNA_G

ClientSampleId :

1508043499

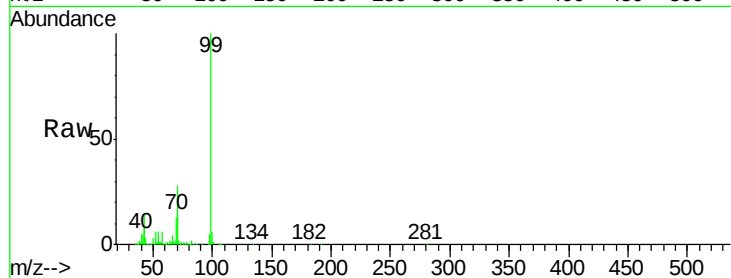
Tot Ion: 99 Resp: 375159

Ion Ratio Lower Upper

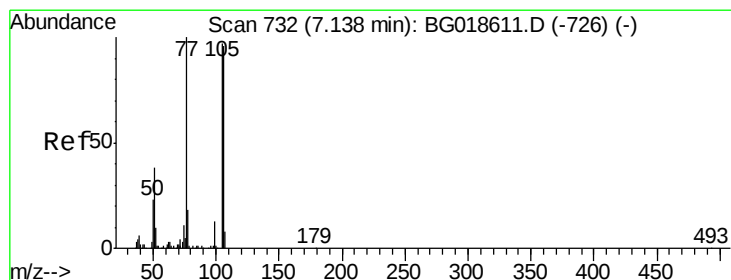
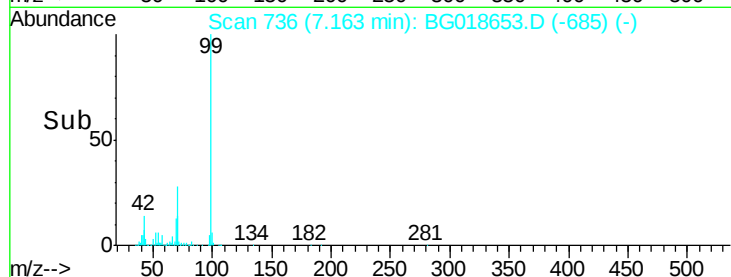
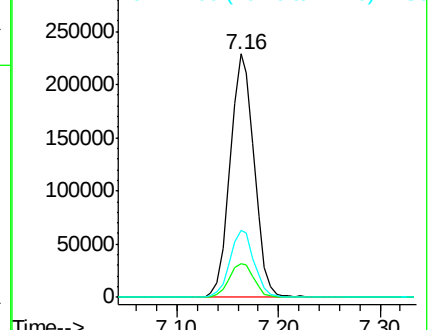
99 100

42 14.0 11.5 17.3

71 27.7 22.6 34.0



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



#9

Benzaldehyde

Concen: 2.13 ng

RT: 7.14 min Scan# 732

Delta R.T. 0.00 min

Lab File: BG018653.D

Acq: 11 Sep 2015 23:53

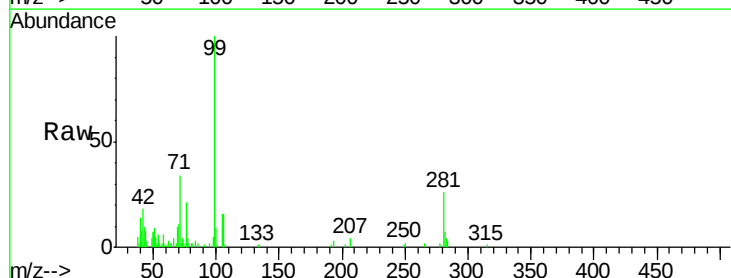
Tgt Ion: 77 Resp: 5447

Ion Ratio Lower Upper

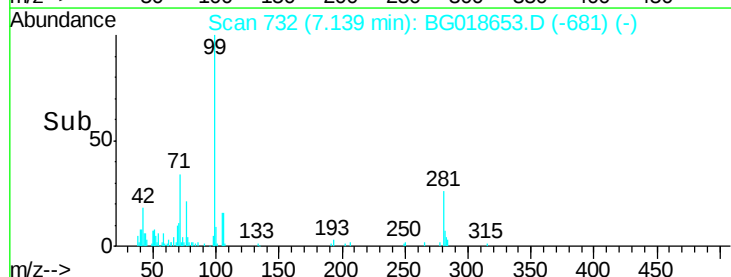
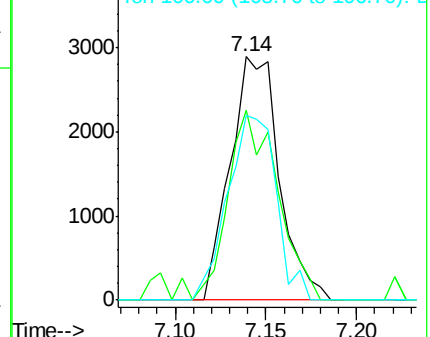
77 100

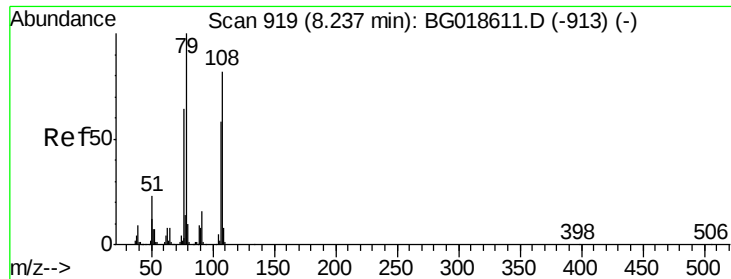
105 77.7 77.7 117.7

106 76.0 75.8 115.8



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

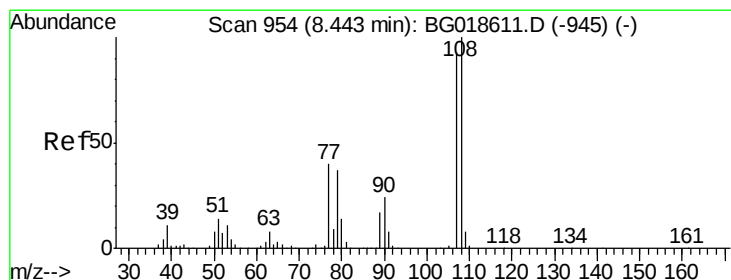
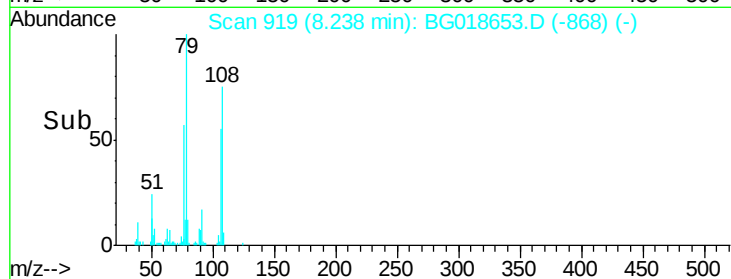
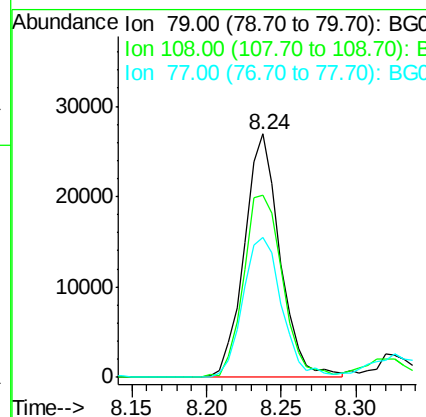
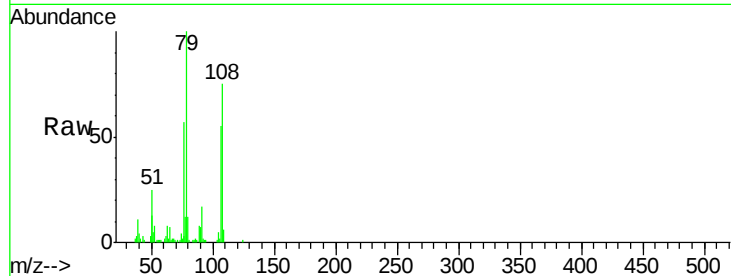




#15
Benzyl Alcohol
Concen: 13.06 ng
RT: 8.24 min Scan# 919
Delta R.T. -0.00 min
Lab File: BG018653.D
Acq: 11 Sep 2015 23:53

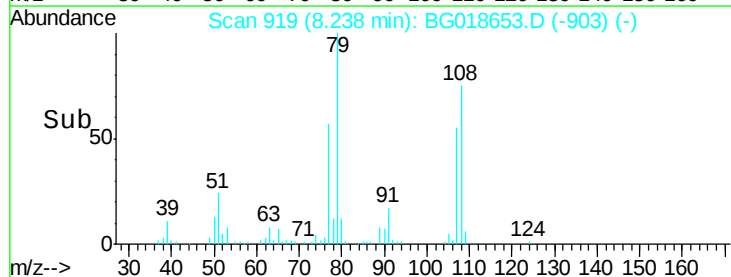
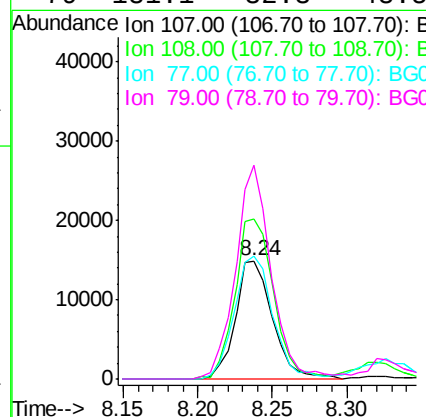
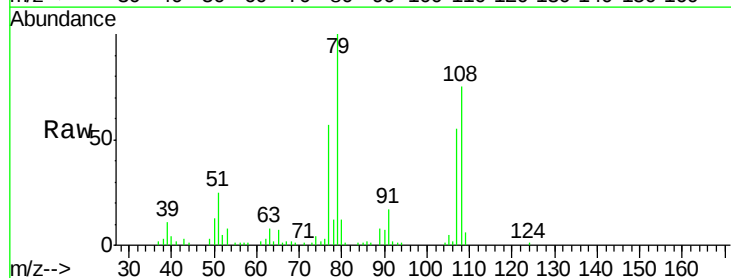
Instrument :
BNA_G
ClientSampleId :
1508043499

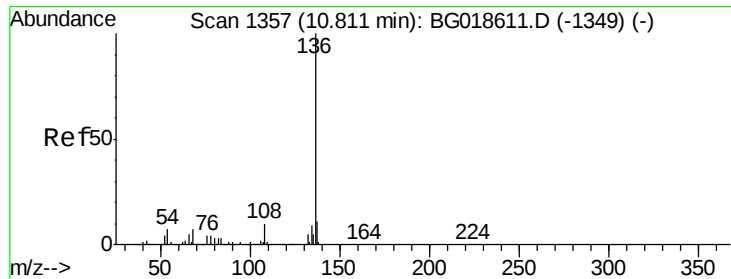
Tot Ion	Ion	Ratio	Lower	Upper
79	100			
108	74.9	65.5	98.3	
77	57.5	51.3	76.9	



#17
2-Methylphenol
Concen: 7.42 ng
RT: 8.24 min Scan# 919
Delta R.T. -0.21 min
Lab File: BG018653.D
Acq: 11 Sep 2015 23:53

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	135.5	86.5	129.7#	
77	104.1	34.6	51.8#	
79	181.1	32.3	48.5#	

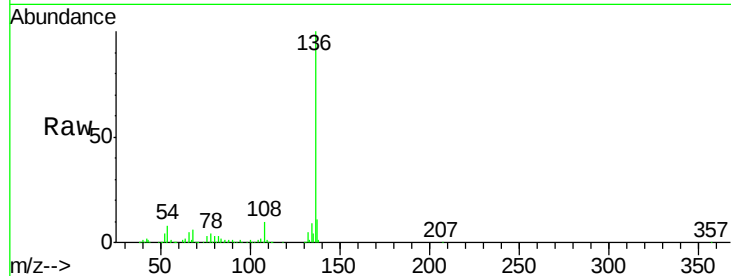




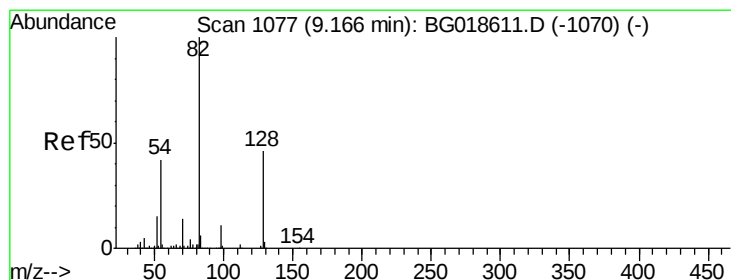
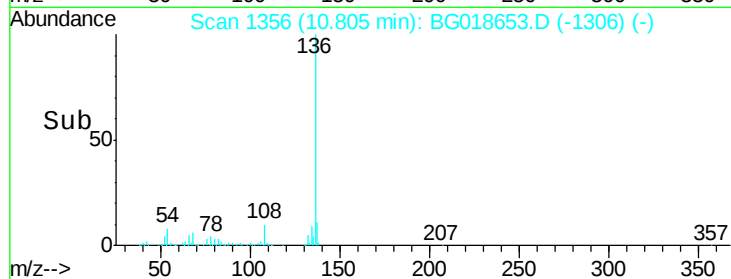
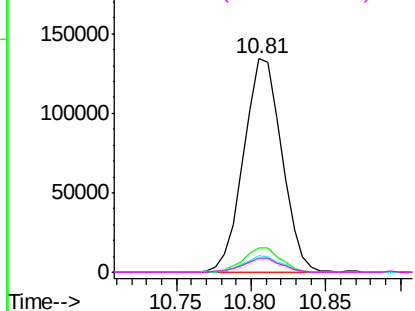
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.81 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BG018653.D
Acq: 11 Sep 2015 23:53

Instrument :
BNA_G
ClientSampleId :
1508043499

Tot Ion:136	Resp:	237512
Ion Ratio	Lower	Upper
136 100		
137 11.5	8.6	12.8
54 7.6	5.4	8.2
68 6.3	5.3	7.9

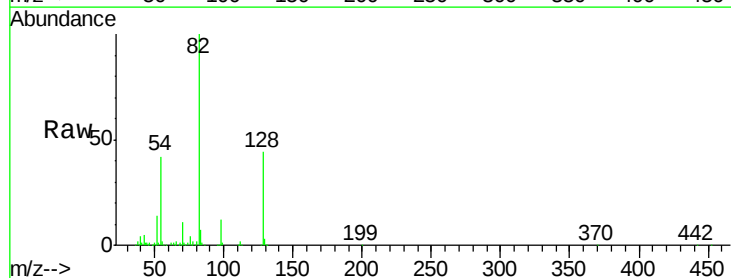


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

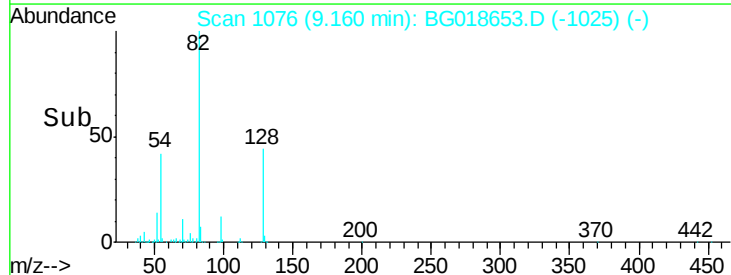
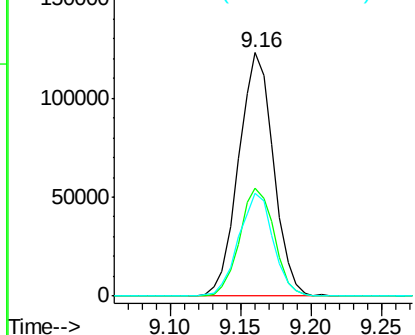


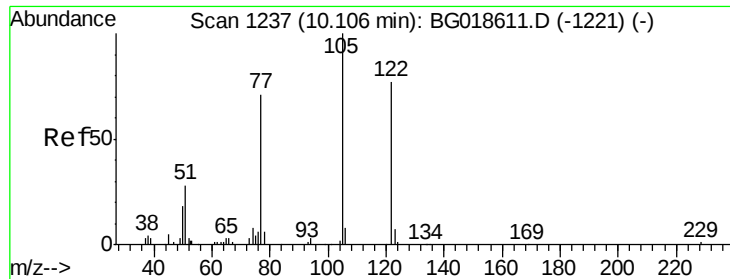
#23
Nitrobenzene-d5
Concen: 49.90 ng
RT: 9.16 min Scan# 1076
Delta R.T. -0.00 min
Lab File: BG018653.D
Acq: 11 Sep 2015 23:53

Tgt Ion: 82	Resp: 211820
Ion Ratio	Lower Upper
82 100	
128 44.4	36.7 55.1
54 42.2	33.8 50.8



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

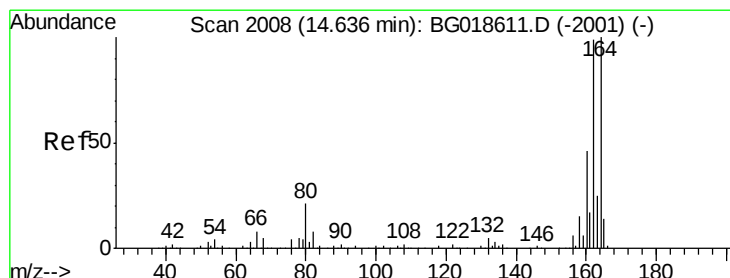
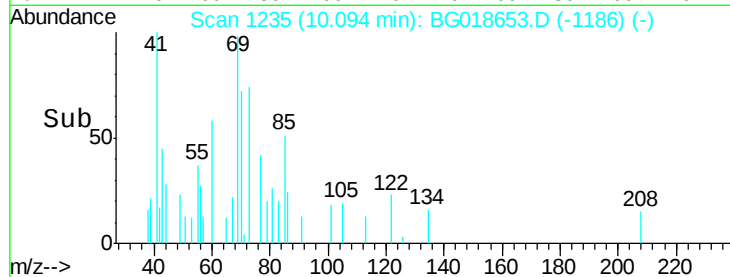
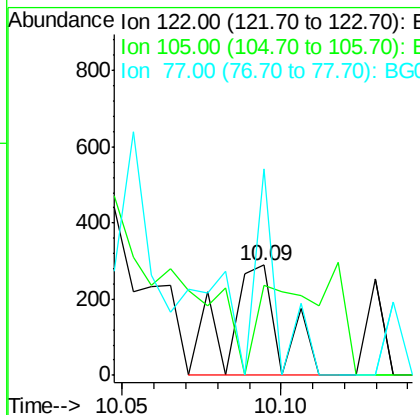
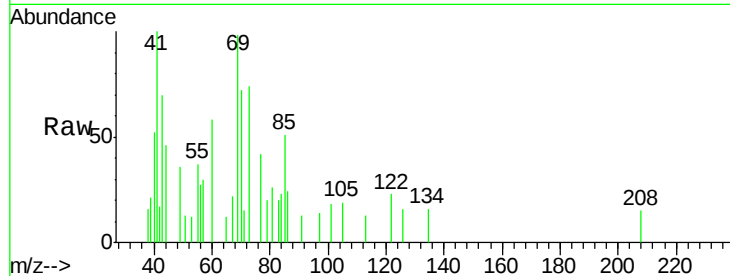




#32
Benzoic acid
Concen: 8.02 ng
RT: 10.09 min Scan# 1235
Delta R.T. -0.01 min
Lab File: BG018653.D
Acq: 11 Sep 2015 23:53

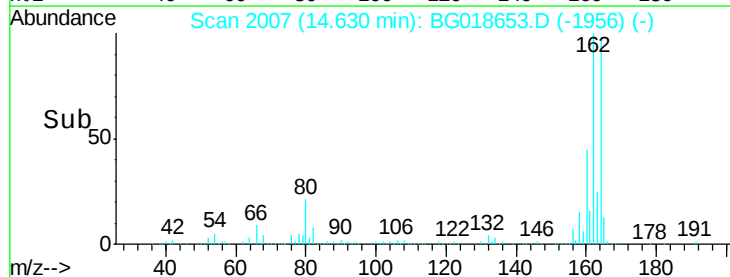
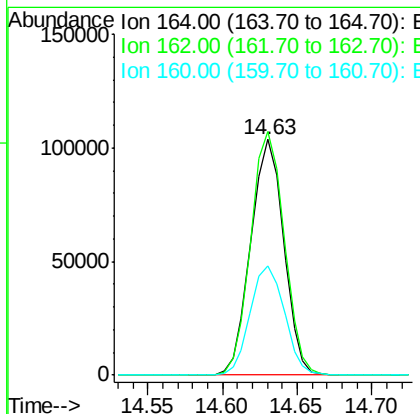
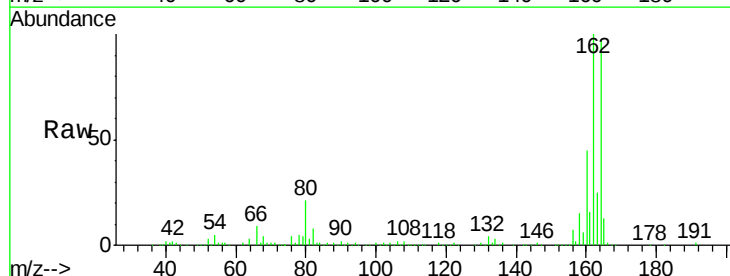
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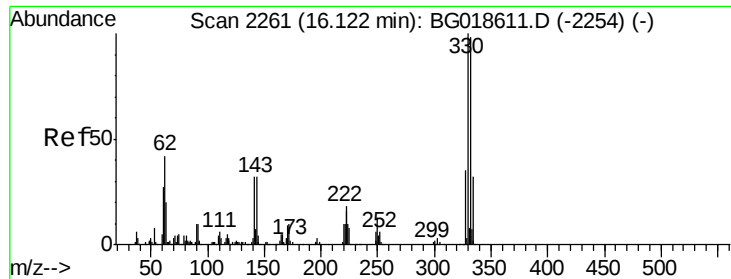
Tot Ion:122 Resp: 336
Ion Ratio Lower Upper
122 100
105 82.4 103.8 143.8#
77 187.2 68.8 108.8#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.63 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BG018653.D
Acq: 11 Sep 2015 23:53

Tgt Ion:164 Resp: 158885
Ion Ratio Lower Upper
164 100
162 103.4 78.8 118.2
160 46.5 36.4 54.6

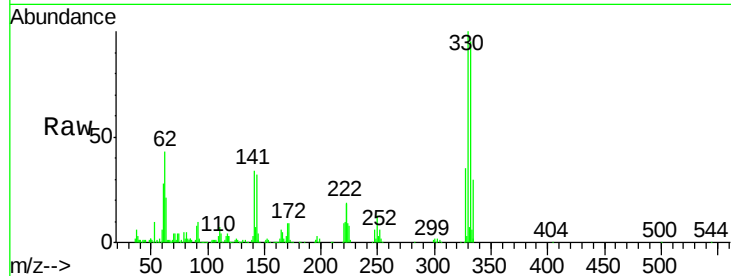




#41
2,4,6-Tribromophenol
Concen: 74.91 ng
RT: 16.12 min Scan# 2260
Delta R.T. -0.00 min
Lab File: BG018653.D
Acq: 11 Sep 2015 23:53

Instrument :
BNA_G
ClientSampleId :
1508043499

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	78.1	117.1
141	35.7	28.2	42.2

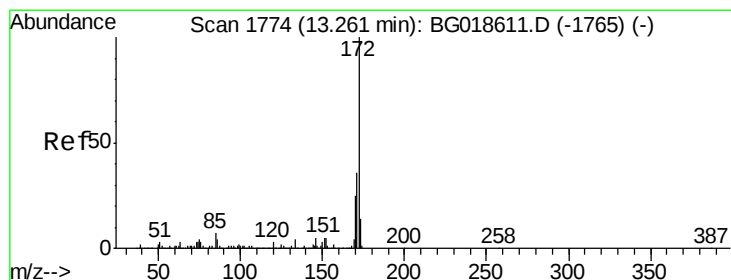
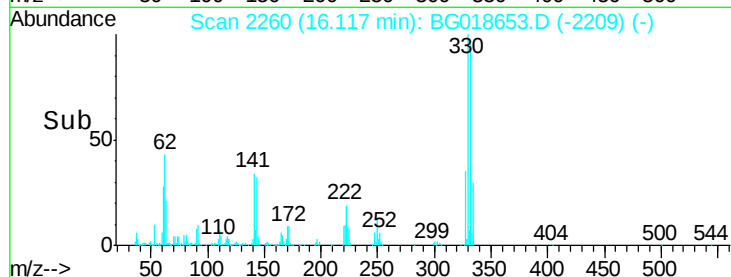
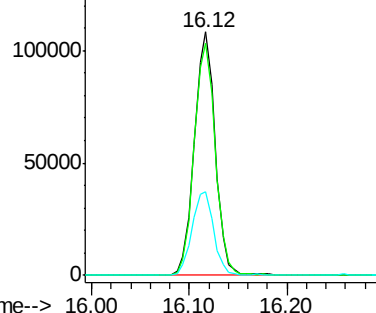


Abundance

Ion 329.80 (329.50 to 330.50): E

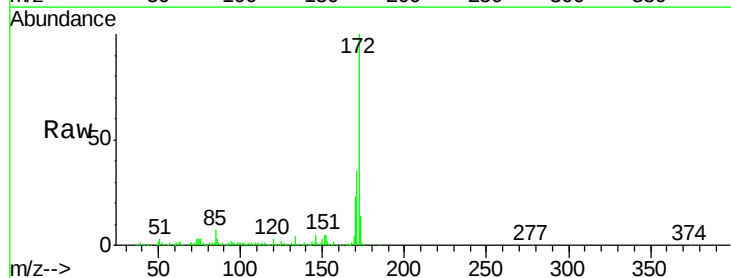
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
2-Fluorobiphenyl
Concen: 47.97 ng
RT: 13.26 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BG018653.D
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Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.0	43.6
170	23.5	19.9	29.9

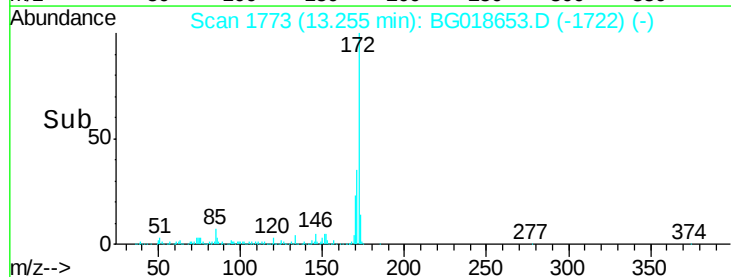
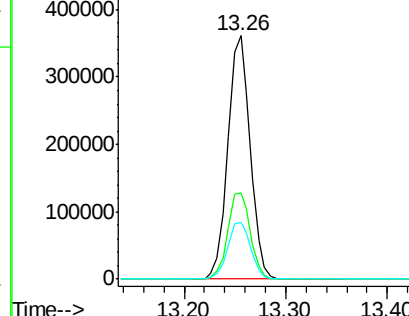


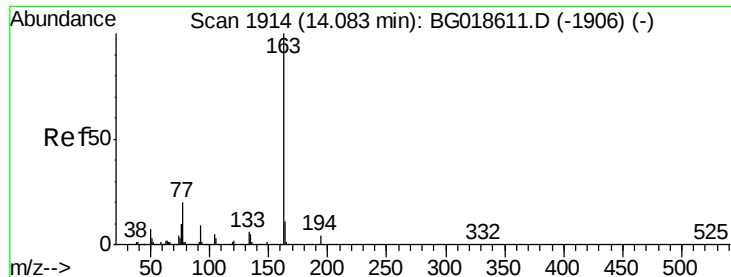
Abundance

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: 8.68 ng

RT: 14.08 min Scan# 1913

Delta R.T. -0.00 min

Lab File: BG018653.D

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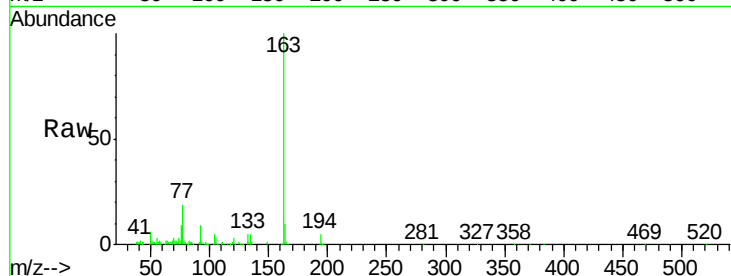
Tot Ion:163 Resp: 114144

Ion Ratio Lower Upper

163 100

194 4.8 3.1 4.7#

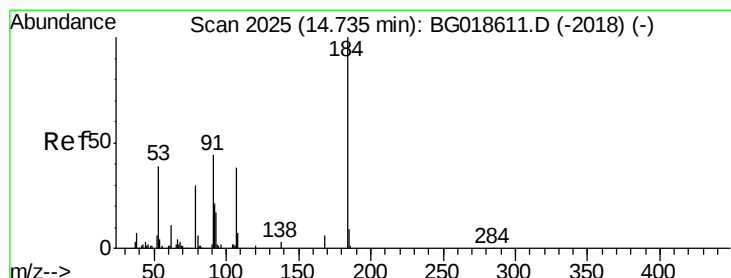
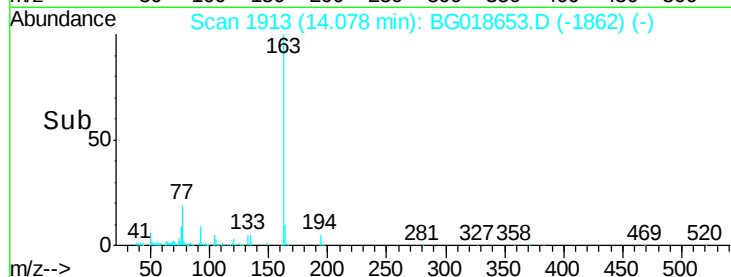
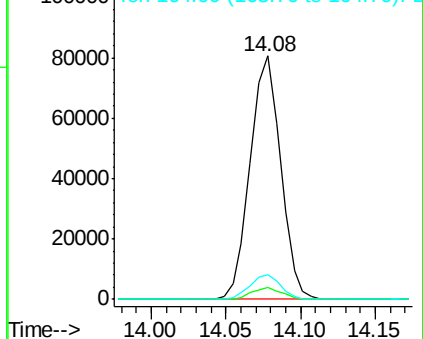
164 10.2 8.8 13.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#53

2,4-Dinitrophenol

Concen: 7.74 ng

RT: 14.55 min Scan# 1993

Delta R.T. -0.19 min

Lab File: BG018653.D

Acq: 11 Sep 2015 23:53

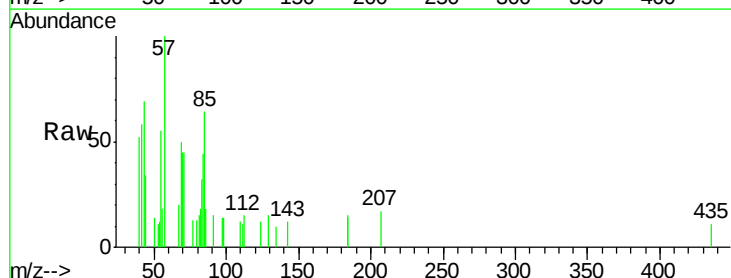
Tgt Ion:184 Resp: 148

Ion Ratio Lower Upper

184 100

63 0.0 42.7 64.1#

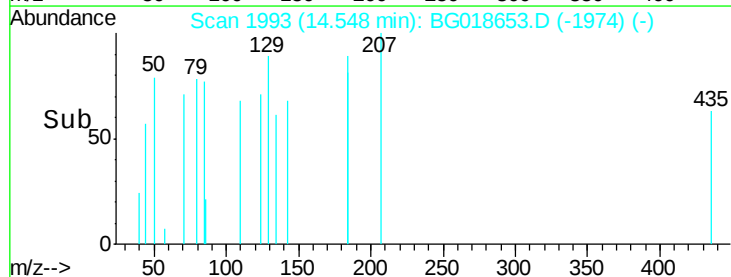
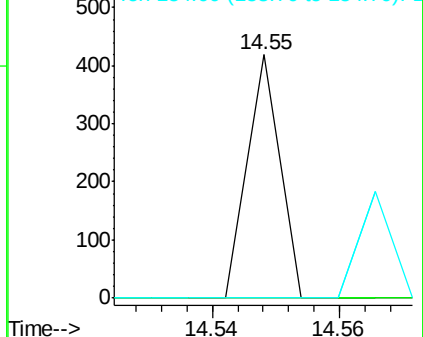
154 0.0 44.3 66.5#

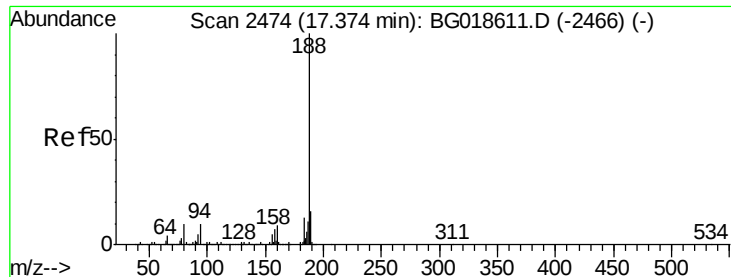


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 154.00 (153.70 to 154.70): E

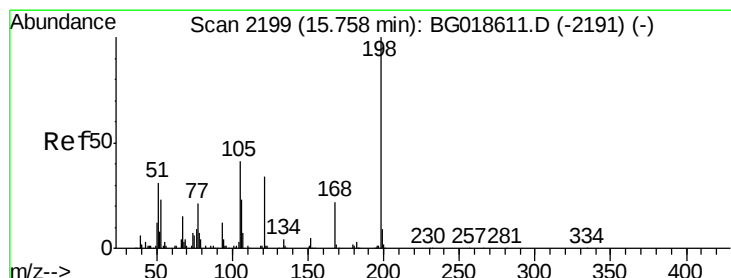
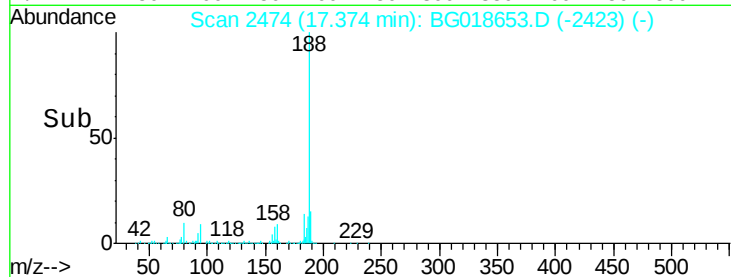
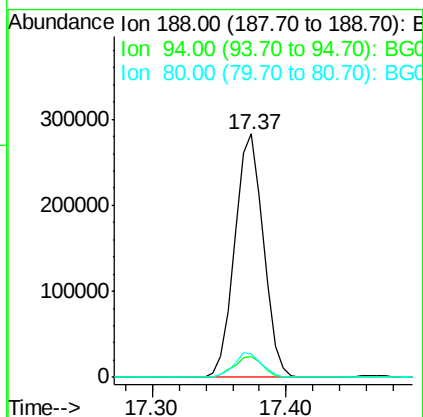
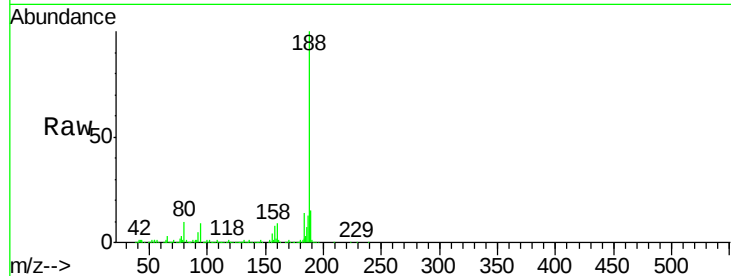




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.37 min Scan# 2474
Delta R.T. -0.00 min
Lab File: BG018653.D
Acq: 11 Sep 2015 23:53

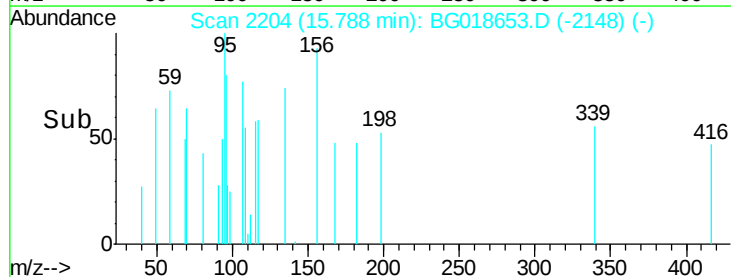
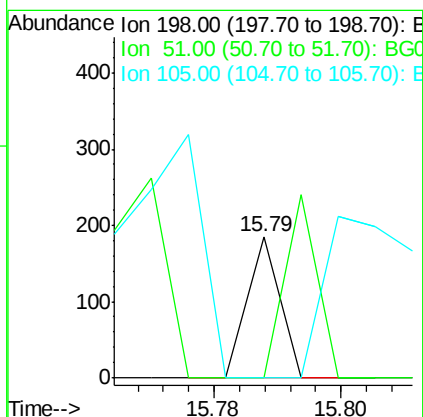
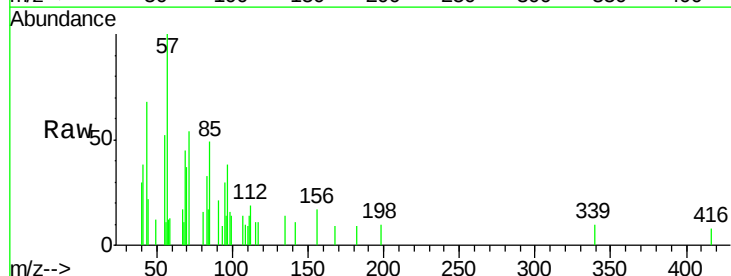
Instrument :
BNA_G
ClientSampleId :
1508043499

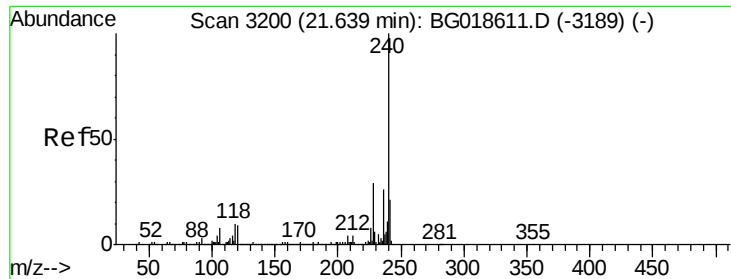
Tot Ion:188 Resp: 422202
Ion Ratio Lower Upper
188 100
94 8.6 7.7 11.5
80 9.9 7.8 11.8



#64
4,6-Dinitro-2-methylphenol
Concen: 5.43 ng
RT: 15.79 min Scan# 2204
Delta R.T. 0.03 min
Lab File: BG018653.D
Acq: 11 Sep 2015 23:53

Tgt Ion:198 Resp: 65
Ion Ratio Lower Upper
198 100
51 0.0 14.2 54.2#
105 0.0 21.1 61.1#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.63 min Scan# 3198

Delta R.T. -0.01 min

Lab File: BG018653.D

Acq: 11 Sep 2015 23:53

Instrument :

BNA_G

ClientSampleId :

1508043499

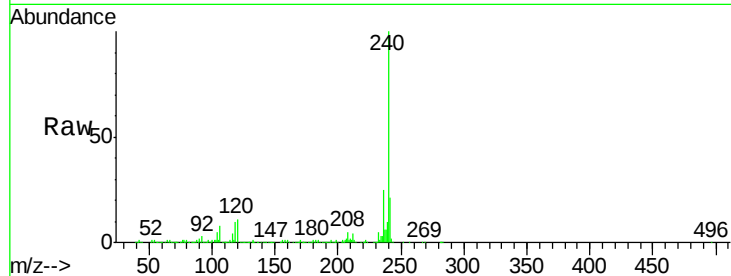
Tot Ion:240 Resp: 466005

Ion Ratio Lower Upper

240 100

120 10.8 7.4 11.0

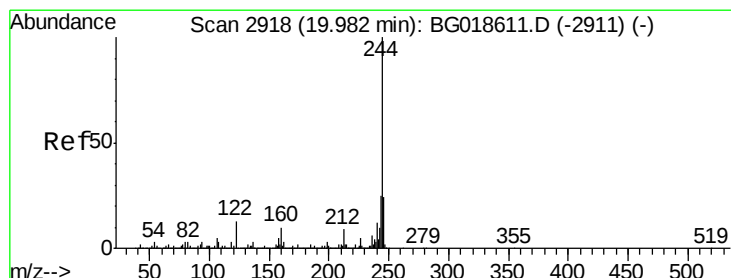
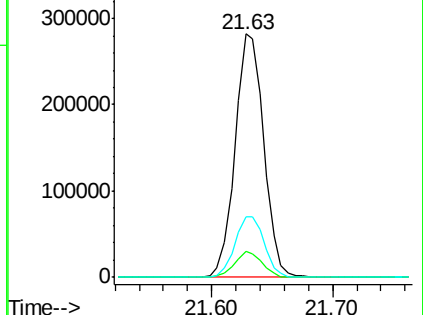
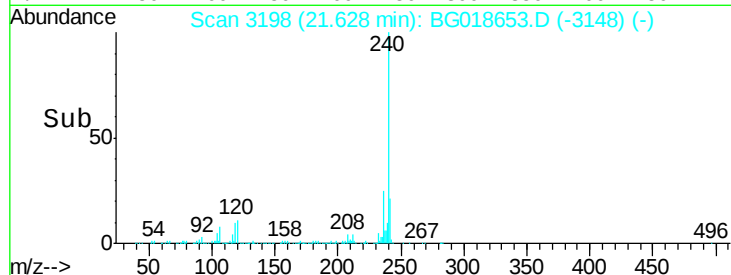
236 25.1 20.7 31.1



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: 51.65 ng

RT: 19.98 min Scan# 2918

Delta R.T. -0.00 min

Lab File: BG018653.D

Acq: 11 Sep 2015 23:53

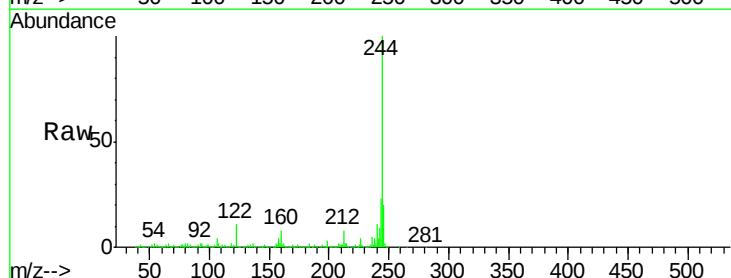
Tgt Ion:244 Resp: 916499

Ion Ratio Lower Upper

244 100

212 7.7 6.9 10.3

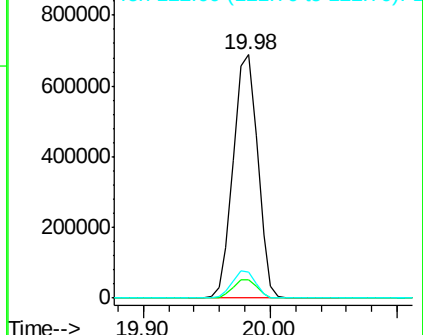
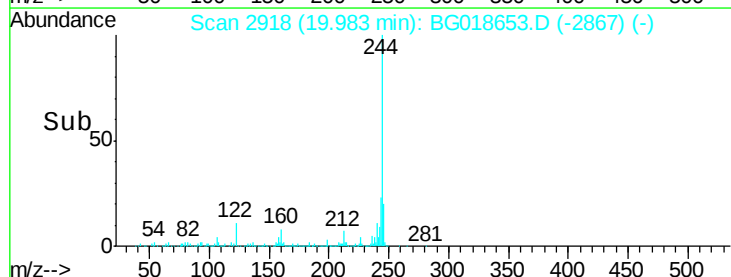
122 10.6 10.2 15.2

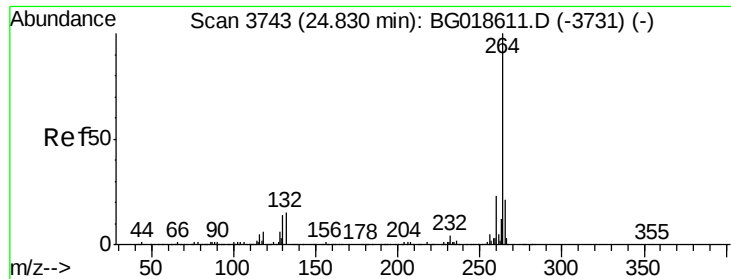


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 24.82 min Scan# 3742
Delta R.T. -0.00 min
Lab File: BG018653.D
Acq: 11 Sep 2015 23:53

Instrument :
BNA_G
ClientSampleId :
1508043499

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.5	27.7
265	20.8	17.2	25.8

