

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091215\
 Data File : BG018655.D
 Acq On : 12 Sep 2015 1:09
 Operator : UM/IZ
 Sample : G3640-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MGP210BR48-48.5

Quant Time: Sep 12 02:56:47 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

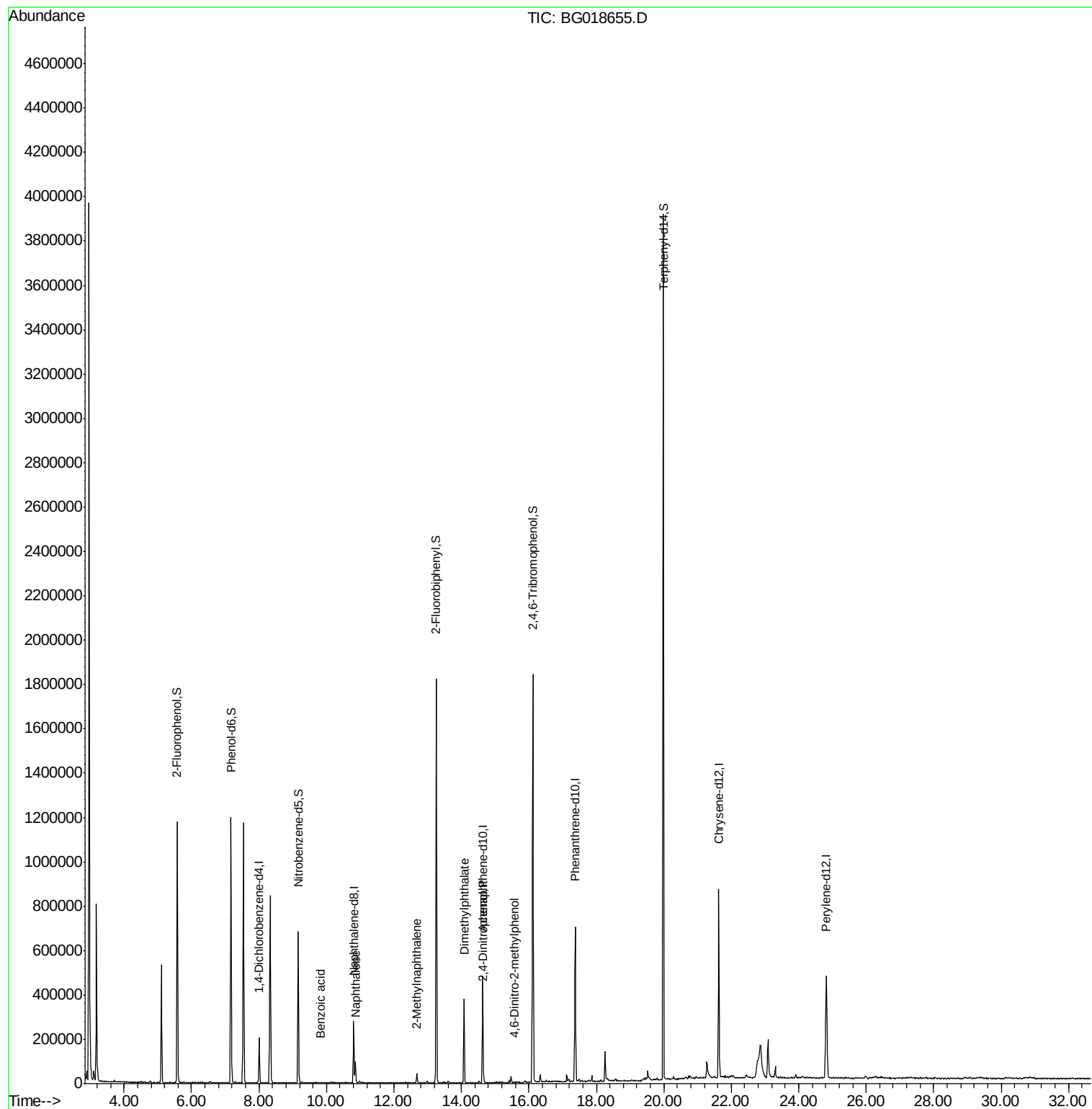
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	59377	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	250474	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	163688	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	454030	20.00	ng	0.00
75) Chrysene-d12	21.63	240	495447	20.00	ng	0.00
86) Perylene-d12	24.81	264	494695	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	555985	161.75	ng	0.00
7) Phenol-d6	7.17	99	779257	158.12	ng	0.00
23) Nitrobenzene-d5	9.16	82	438422	97.95	ng	0.00
41) 2,4,6-Tribromophenol	16.12	330	352055	159.73	ng	0.00
44) 2-Fluorobiphenyl	13.26	172	987241	83.72	ng	0.00
78) Terphenyl-d14	19.98	244	1545125	81.89	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.86	128	84497	6.30	ng	98
32) Benzoic acid	9.83	122	55	7.95	ng	# 1
37) 2-Methylnaphthalene	12.68	142	20737	2.11	ng	93
49) Dimethylphthalate	14.08	163	262784	19.39	ng	98
53) 2,4-Dinitrophenol	14.65	184	56	7.68	ng	# 24
64) 4,6-Dinitro-2-methylphenol	15.57	198	58	5.42	ng	# 37

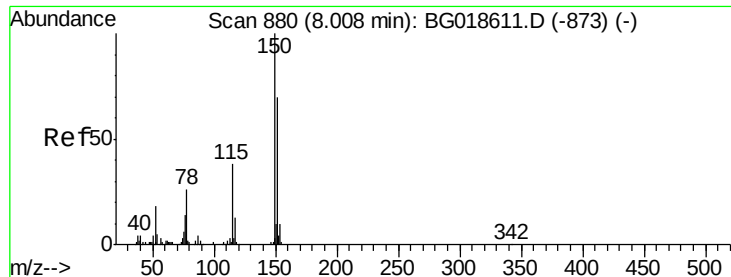
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091215\
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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: BG018655.D

Acq: 12 Sep 2015 1:09

Instrument :

BNA_G

ClientSampleId :

MGP210BR48-48.5

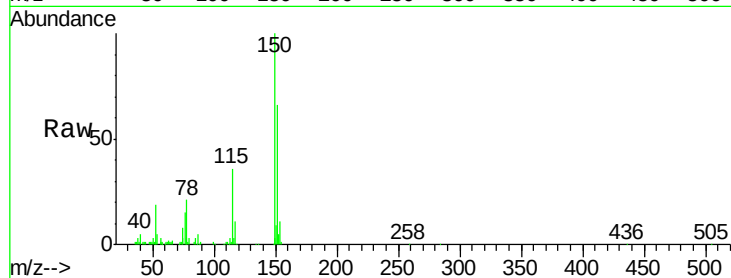
Tot Ion:152 Resp: 59377

Ion Ratio Lower Upper

152 100

150 151.3 115.0 172.4

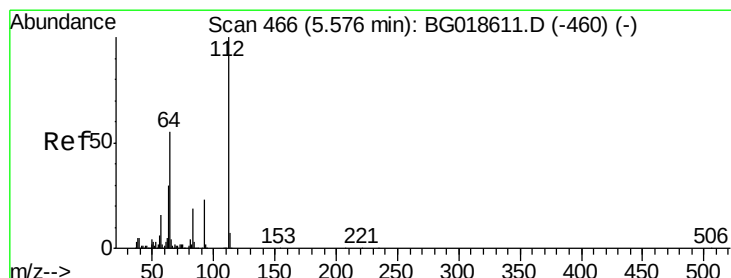
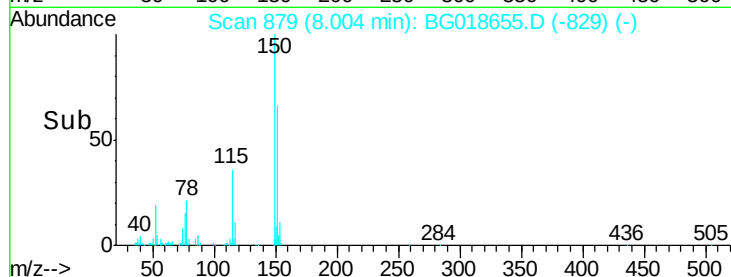
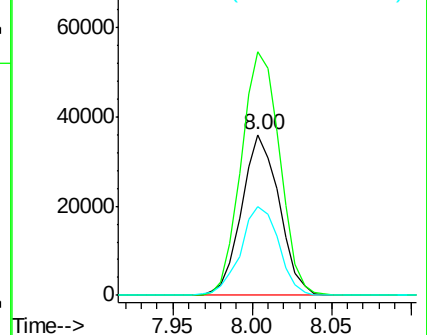
115 54.8 43.9 65.9



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: 161.75 ng

RT: 5.58 min Scan# 466

Delta R.T. 0.00 min

Lab File: BG018655.D

Acq: 12 Sep 2015 1:09

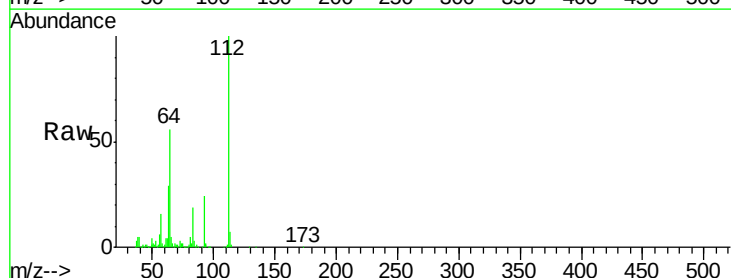
Tgt Ion:112 Resp: 555985

Ion Ratio Lower Upper

112 100

64 56.0 43.7 65.5

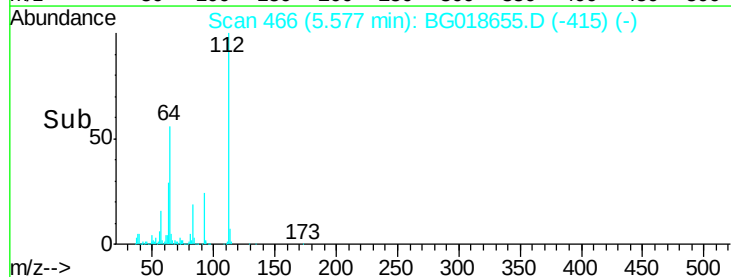
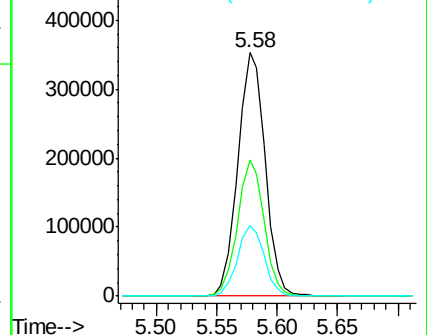
63 29.1 24.0 36.0

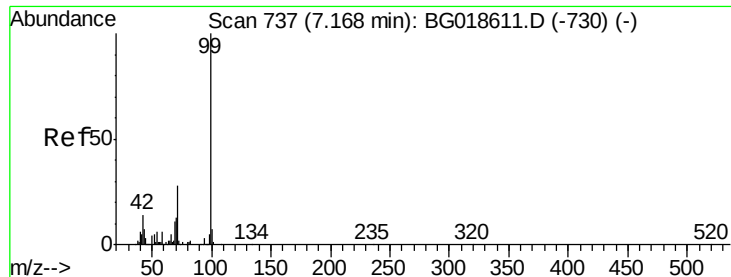


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 158.12 ng

RT: 7.17 min Scan# 737

Delta R.T. 0.01 min

Lab File: BG018655.D

Acq: 12 Sep 2015 1:09

Instrument :

BNA_G

ClientSampleId :

MGP210BR48-48.5

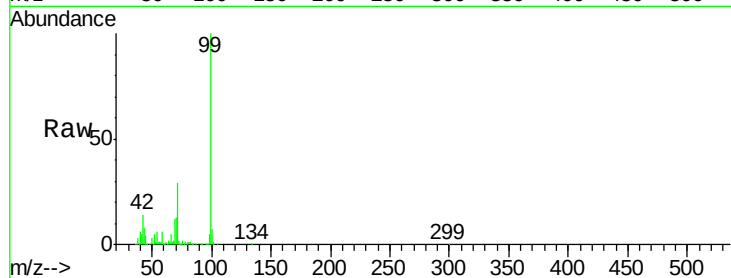
Tot Ion: 99 Resp: 779257

Ion	Ratio	Lower	Upper
99	100		
42	13.6	11.5	17.3
71	29.1	22.6	34.0

99 100

42 13.6 11.5 17.3

71 29.1 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

7.17

600000

500000

400000

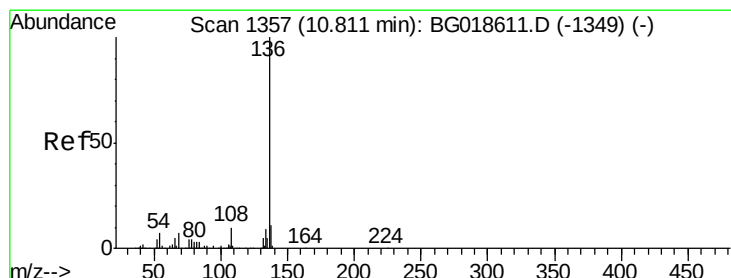
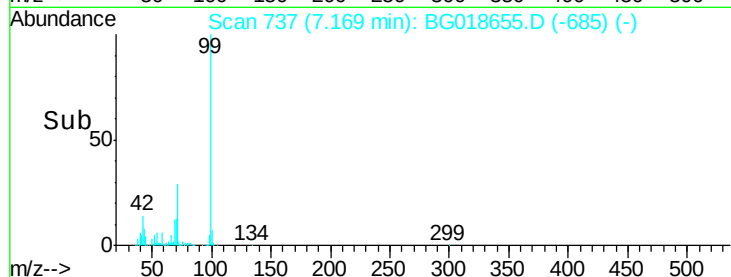
300000

200000

100000

0

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.81 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BG018655.D

Acq: 12 Sep 2015 1:09

Tgt Ion: 136 Resp: 250474

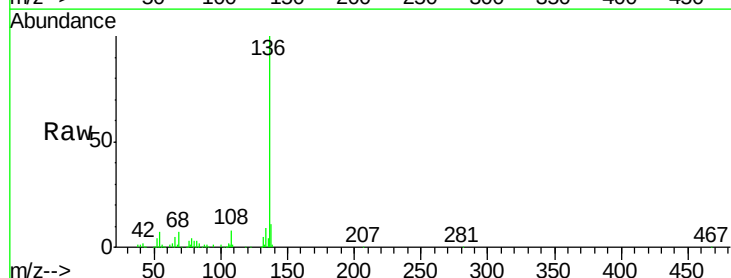
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	6.8	5.4	8.2
68	7.3	5.3	7.9

136 100

137 11.0 8.6 12.8

54 6.8 5.4 8.2

68 7.3 5.3 7.9



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

10.81

200000

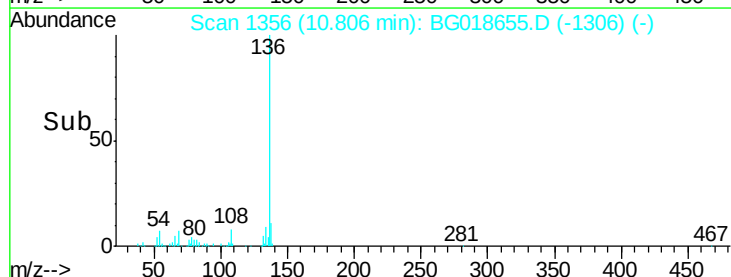
150000

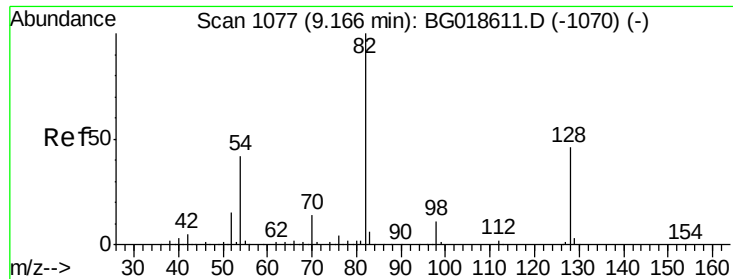
100000

50000

0

Time-->

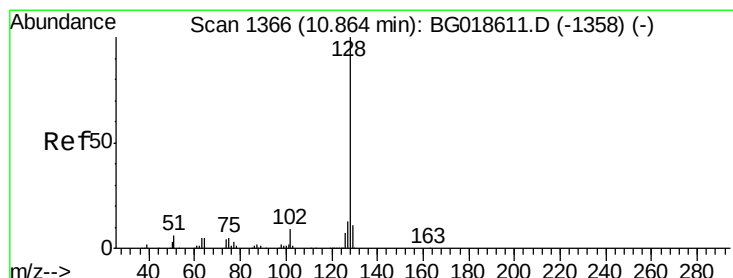
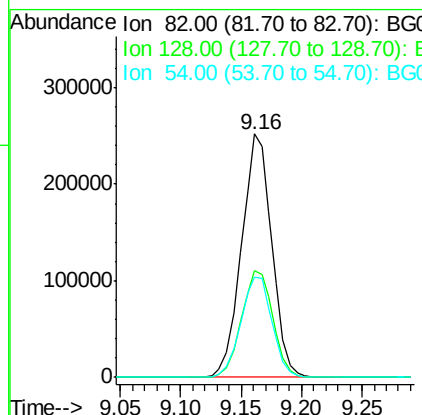
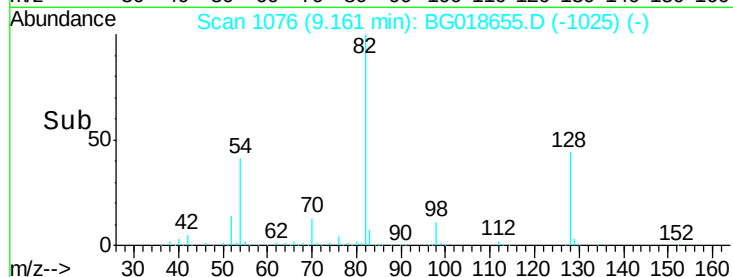
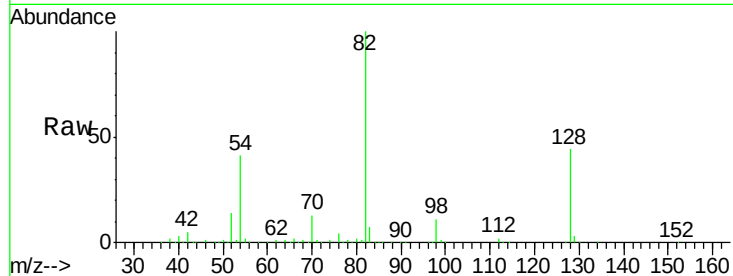




#23
 Nitrobenzene-d5
 Concen: 97.95 ng
 RT: 9.16 min Scan# 1076
 Delta R.T. 0.00 min
 Lab File: BG018655.D
 Acq: 12 Sep 2015 1:09

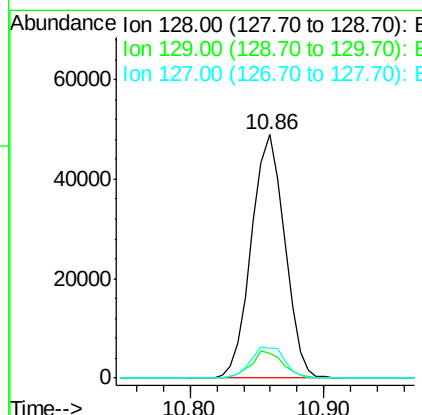
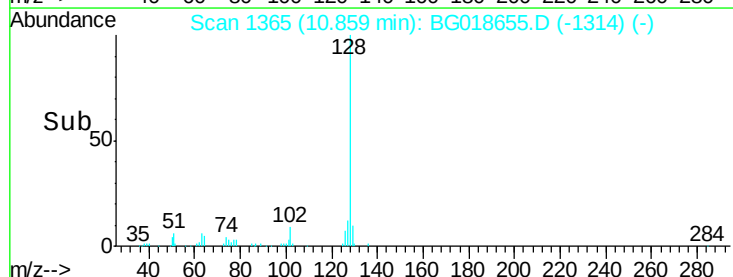
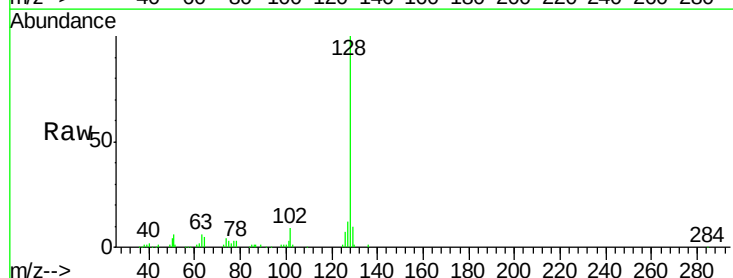
Instrument :
 BNA_G
 ClientSampleId :
 MGP210BR48-48.5

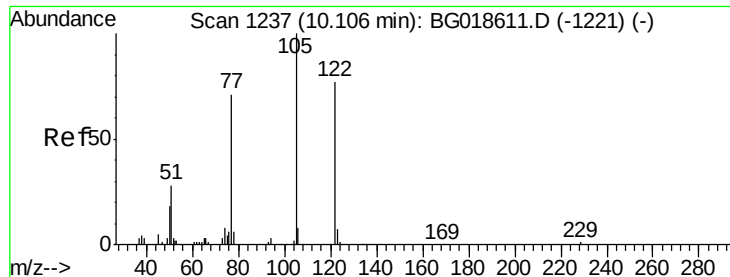
Tot Ion: 82 Resp: 438422
 Ion Ratio Lower Upper
 82 100
 128 43.8 36.7 55.1
 54 41.0 33.8 50.8



#31
 Naphthalene
 Concen: 6.30 ng
 RT: 10.86 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: BG018655.D
 Acq: 12 Sep 2015 1:09

Tgt Ion: 128 Resp: 84497
 Ion Ratio Lower Upper
 128 100
 129 10.1 8.5 12.7
 127 12.3 10.6 16.0

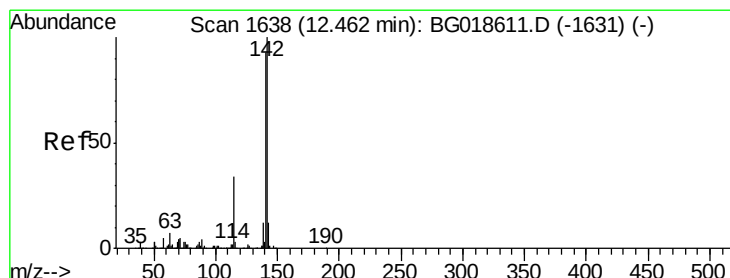
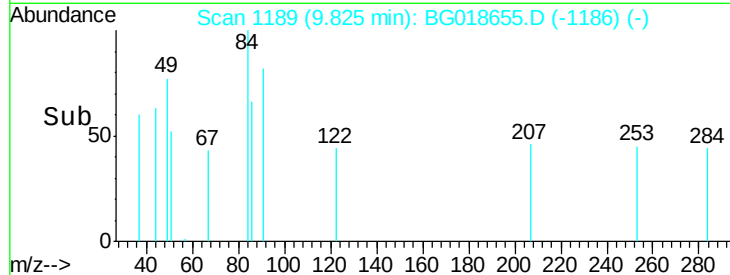
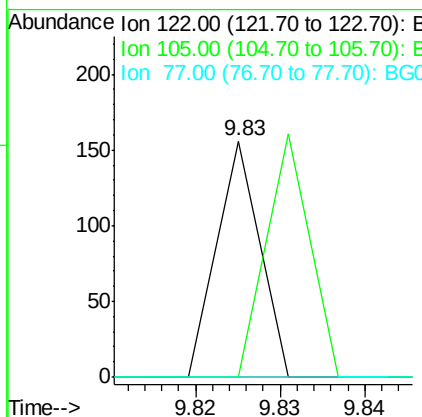
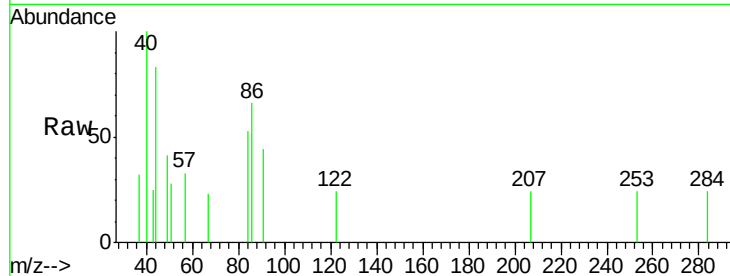




#32
Benzoic acid
Concen: 7.95 ng
RT: 9.83 min Scan# 1189
Delta R.T. -0.28 min
Lab File: BG018655.D
Acq: 12 Sep 2015 1:09

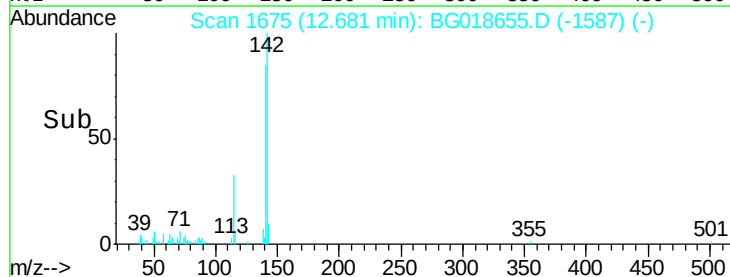
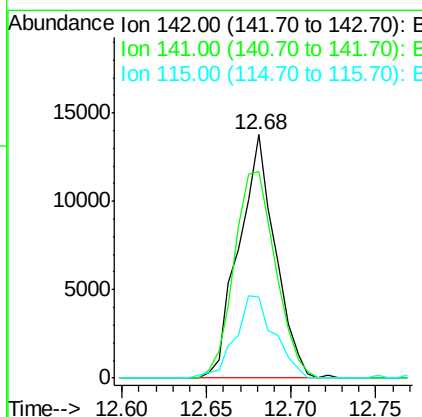
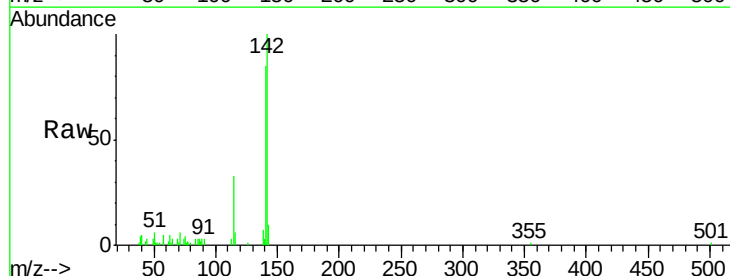
Instrument :
BNA_G
ClientSampleId :
MGP210BR48-48.5

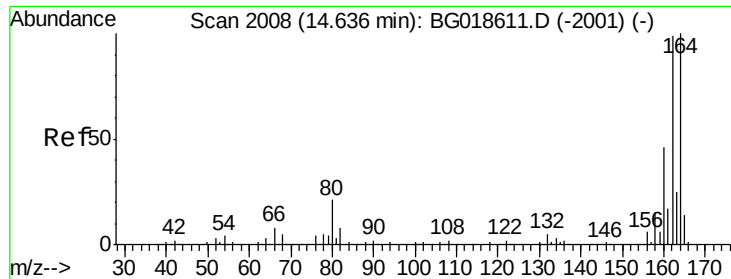
Tot Ion:122 Resp: 55
Ion Ratio Lower Upper
122 100
105 0.0 103.8 143.8#
77 0.0 68.8 108.8#



#37
2-Methylnaphthalene
Concen: 2.11 ng
RT: 12.68 min Scan# 1675
Delta R.T. 0.22 min
Lab File: BG018655.D
Acq: 12 Sep 2015 1:09

Tgt Ion:142 Resp: 20737
Ion Ratio Lower Upper
142 100
141 84.6 74.6 112.0
115 33.1 27.4 41.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.63 min Scan# 2007

Delta R.T. 0.00 min

Lab File: BG018655.D

Acq: 12 Sep 2015 1:09

Instrument :

BNA_G

ClientSampleId :

MGP210BR48-48.5

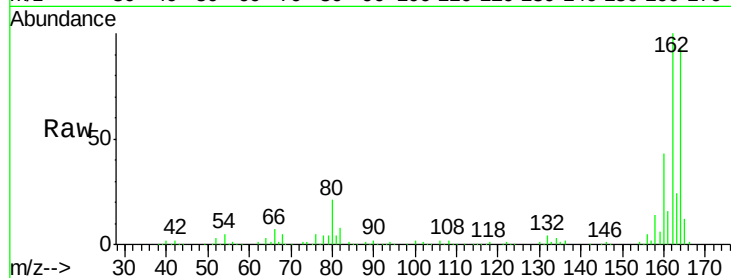
Tot Ion:164 Resp: 163688

Ion Ratio Lower Upper

164 100

162 107.9 78.8 118.2

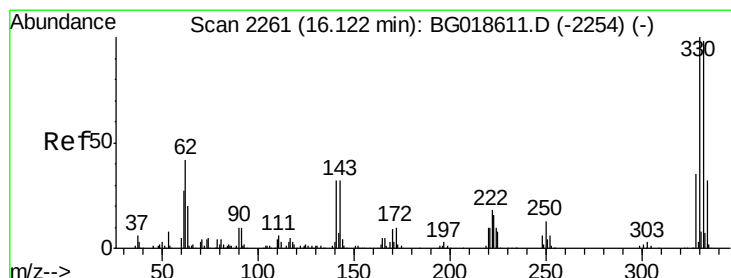
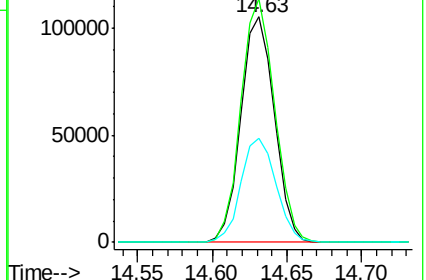
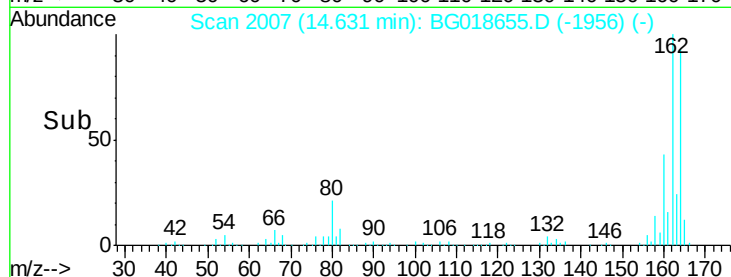
160 46.3 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 159.73 ng

RT: 16.12 min Scan# 2260

Delta R.T. 0.00 min

Lab File: BG018655.D

Acq: 12 Sep 2015 1:09

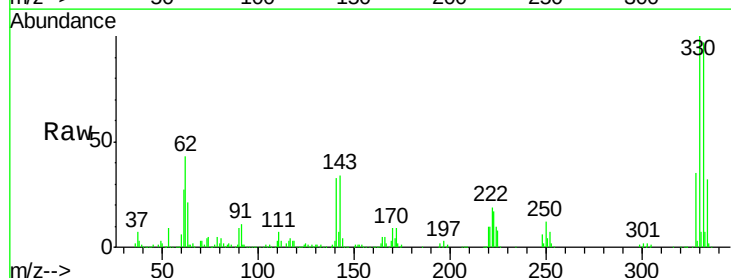
Tgt Ion:330 Resp: 352055

Ion Ratio Lower Upper

330 100

332 96.2 78.1 117.1

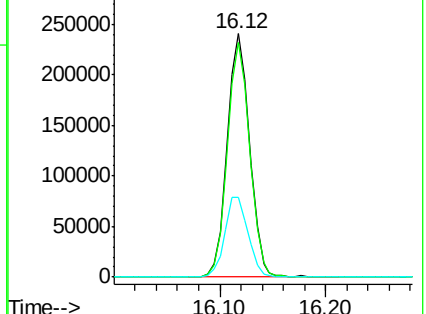
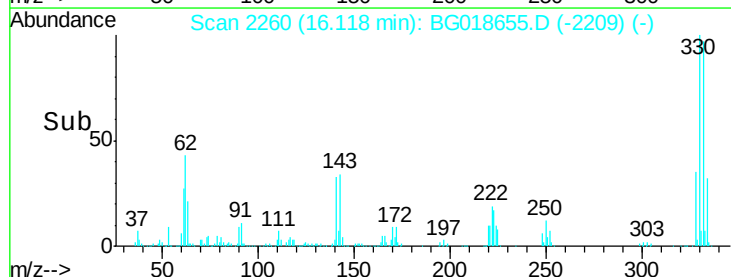
141 34.6 28.2 42.2

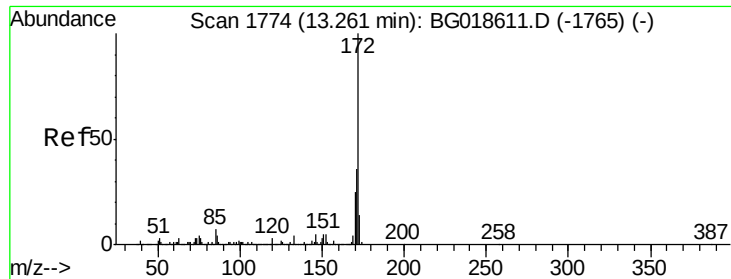


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 83.72 ng

RT: 13.26 min Scan# 1773

Delta R.T. 0.00 min

Lab File: BG018655.D

Acq: 12 Sep 2015 1:09

Instrument :

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ClientSampleId :

MGP210BR48-48.5

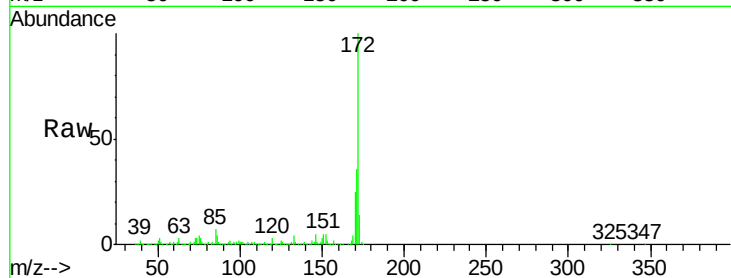
Tot Ion:172 Resp: 987241

Ion Ratio Lower Upper

172 100

171 36.5 29.0 43.6

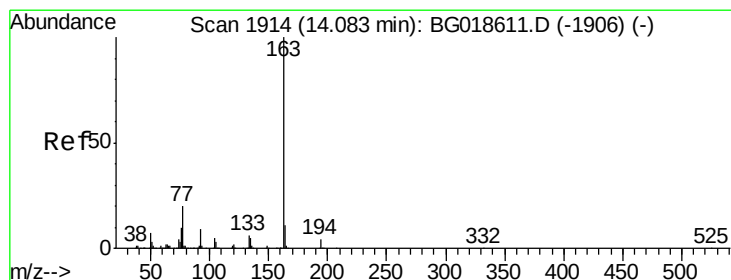
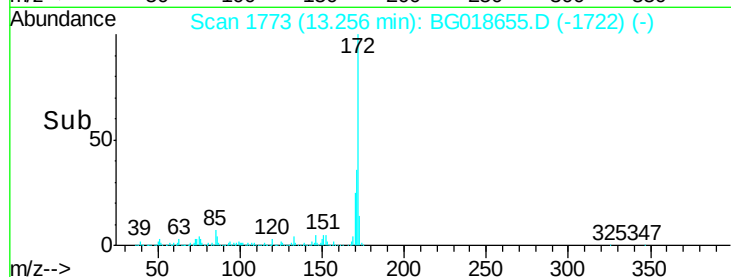
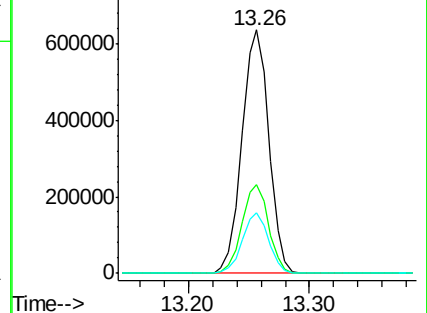
170 24.8 19.9 29.9



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: 19.39 ng

RT: 14.08 min Scan# 1913

Delta R.T. 0.00 min

Lab File: BG018655.D

Acq: 12 Sep 2015 1:09

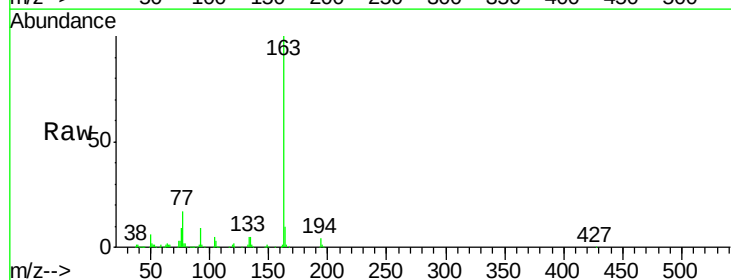
Tgt Ion:163 Resp: 262784

Ion Ratio Lower Upper

163 100

194 3.6 3.1 4.7

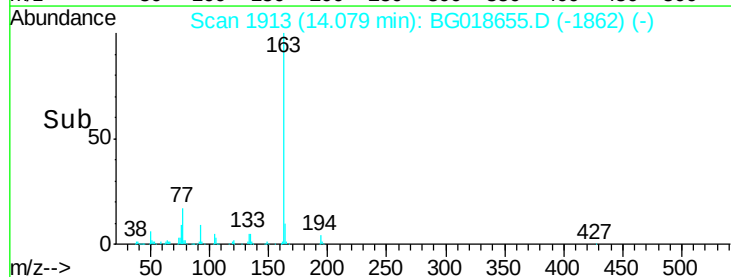
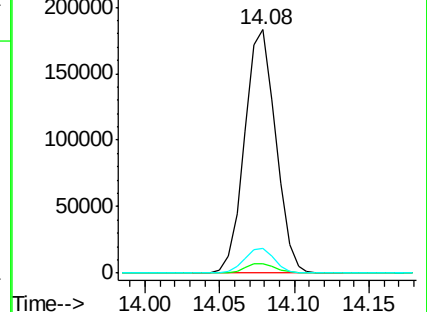
164 10.1 8.8 13.2

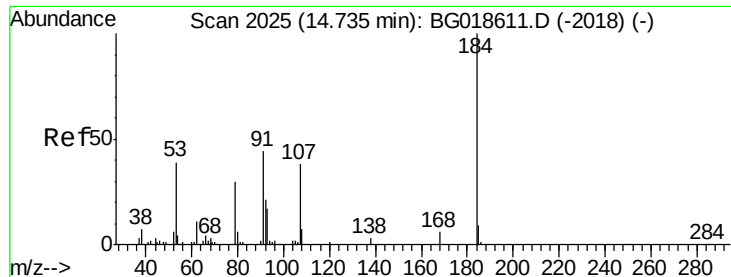


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

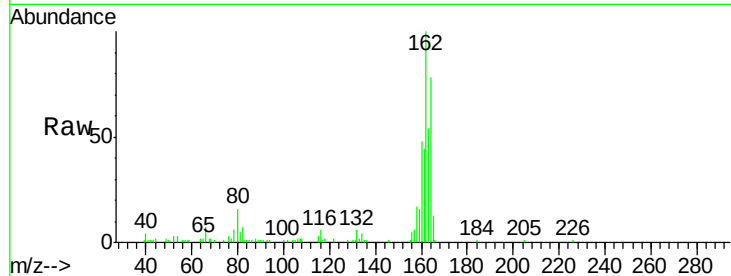




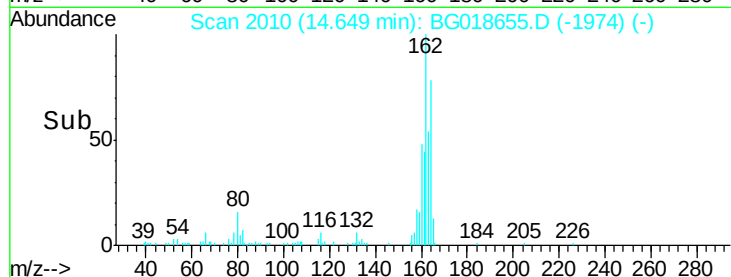
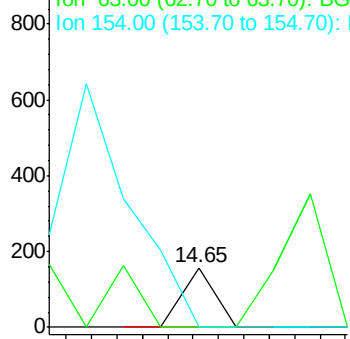
#53
 2,4-Dinitrophenol
 Concen: 7.68 ng
 RT: 14.65 min Scan# 2010
 Delta R.T. -0.09 min
 Lab File: BG018655.D
 Acq: 12 Sep 2015 1:09

Instrument :
 BNA_G
 ClientSampleId :
 MGP210BR48-48.5

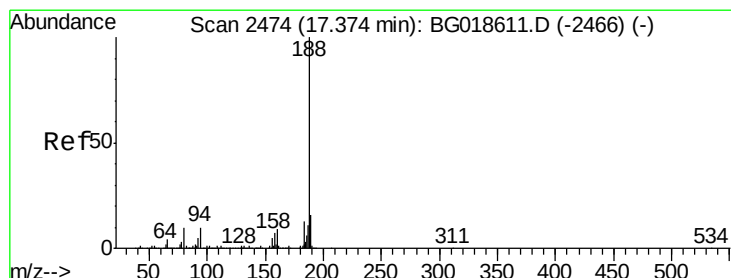
Tot Ion:184 Resp: 56
 Ion Ratio Lower Upper
 184 100
 63 0.0 42.7 64.1#
 154 0.0 44.3 66.5#



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

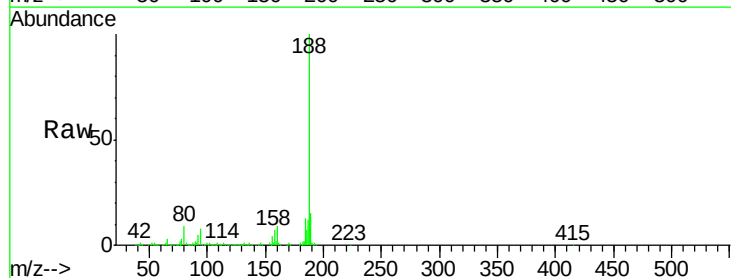


Time-->

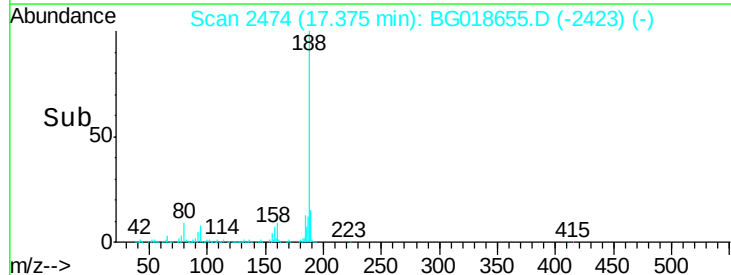
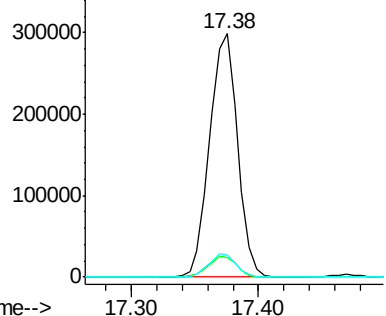


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.38 min Scan# 2474
 Delta R.T. 0.00 min
 Lab File: BG018655.D
 Acq: 12 Sep 2015 1:09

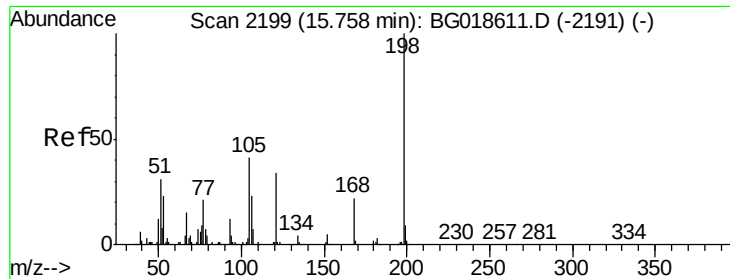
Tgt Ion:188 Resp: 454030
 Ion Ratio Lower Upper
 188 100
 94 7.9 7.7 11.5
 80 9.3 7.8 11.8



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG



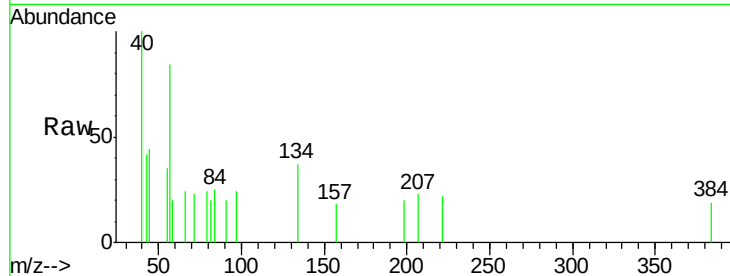
Time-->



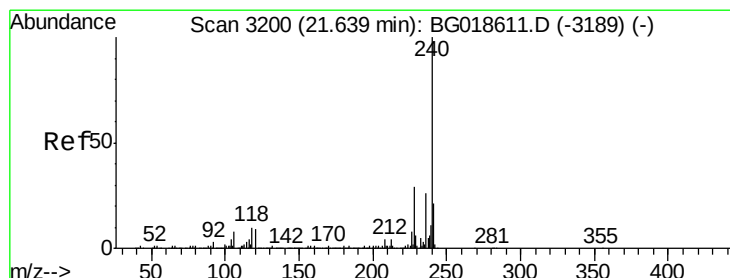
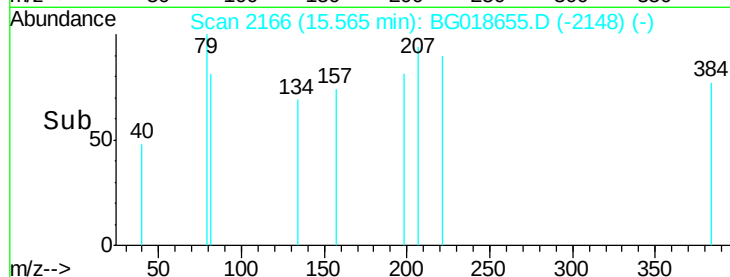
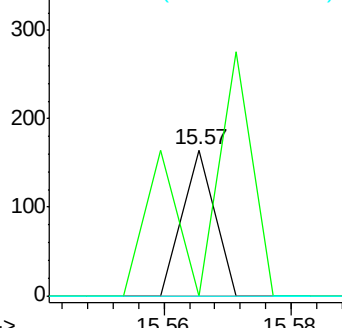
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.42 ng
 RT: 15.57 min Scan# 2166
 Delta R.T. -0.19 min
 Lab File: BG018655.D
 Acq: 12 Sep 2015 1:09

Instrument :
 BNA_G
 ClientSampleId :
 MGP210BR48-48.5

Tot Ion:198 Resp: 58
 Ion Ratio Lower Upper
 198 100
 51 0.0 14.2 54.2#
 105 0.0 21.1 61.1#

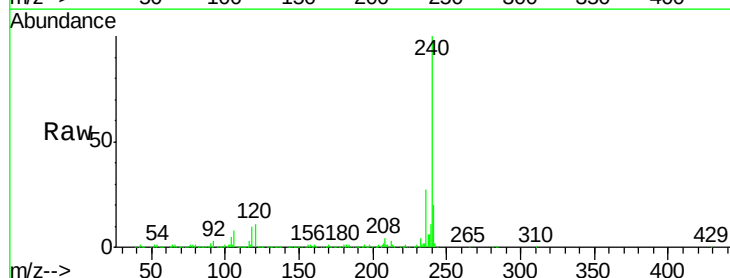


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

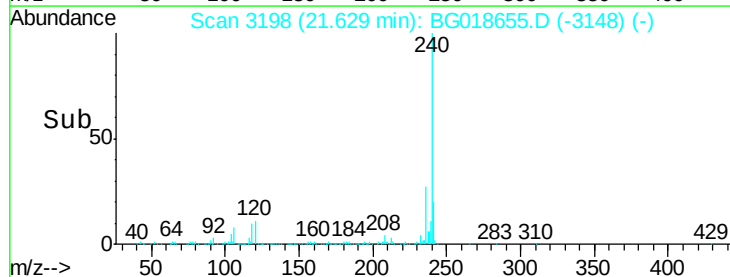
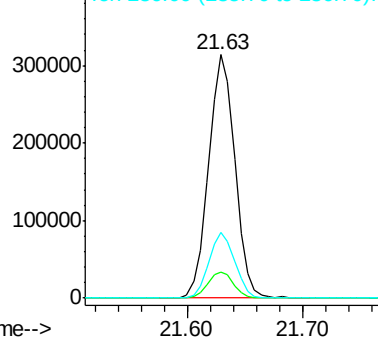


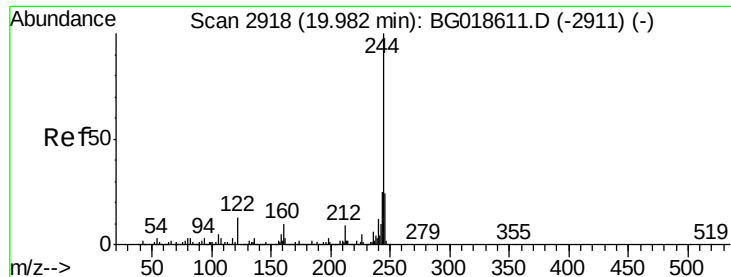
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.63 min Scan# 3198
 Delta R.T. -0.01 min
 Lab File: BG018655.D
 Acq: 12 Sep 2015 1:09

Tgt Ion:240 Resp: 495447
 Ion Ratio Lower Upper
 240 100
 120 10.6 7.4 11.0
 236 27.0 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: 81.89 ng

RT: 19.98 min Scan# 2918

Delta R.T. 0.00 min

Lab File: BG018655.D

Acq: 12 Sep 2015 1:09

Instrument :

BNA_G

ClientSampleId :

MGP210BR48-48.5

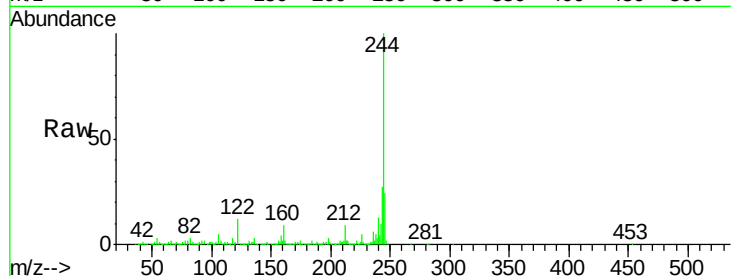
Tot Ion:244 Resp: 1545125

Ion Ratio Lower Upper

244 100

212 9.2 6.9 10.3

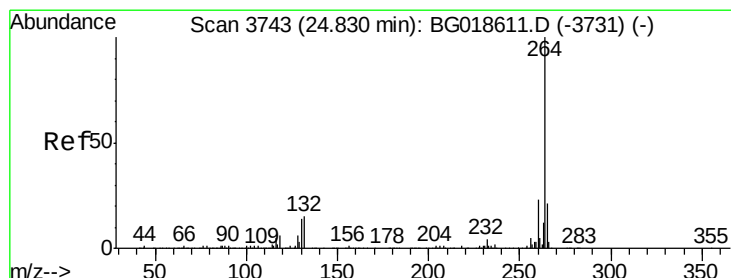
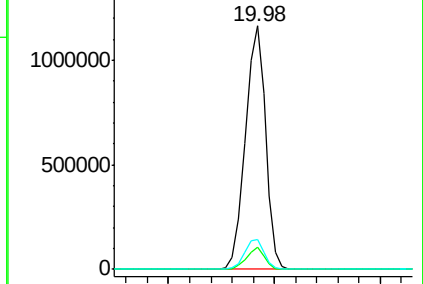
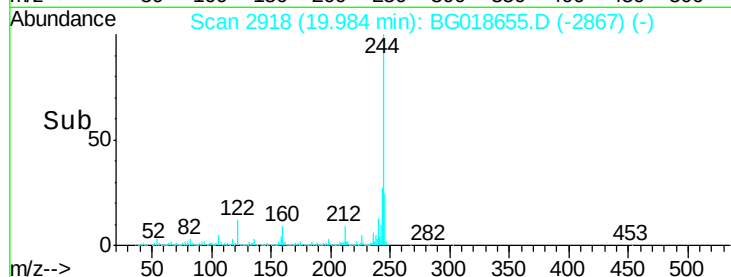
122 12.5 10.2 15.2



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

Perylene-d12

Concen: 20.00 ng

RT: 24.81 min Scan# 3740

Delta R.T. -0.01 min

Lab File: BG018655.D

Acq: 12 Sep 2015 1:09

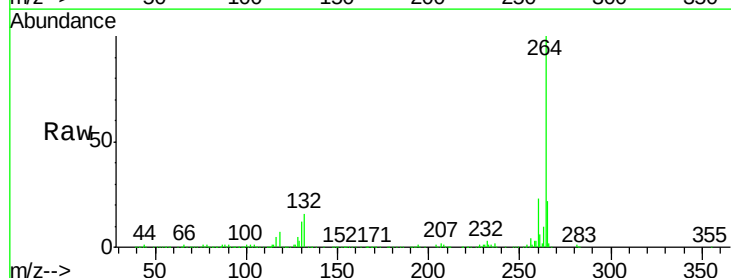
Tgt Ion:264 Resp: 494695

Ion Ratio Lower Upper

264 100

260 22.7 18.5 27.7

265 22.4 17.2 25.8



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

