

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091815\
 Data File : BG018758.D
 Acq On : 18 Sep 2015 4:03
 Operator : TP
 Sample : G3708-06
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB-91615

Quant Time: Sep 18 06:31:35 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 18 03:41:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	41625	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	167196	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	120807	20.00	ng	0.00
63) Phenanthrene-d10	17.37	188	338104	20.00	ng	0.00
75) Chrysene-d12	21.62	240	361593	20.00	ng	0.00
86) Perylene-d12	24.82	264	346913	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	140889	58.47	ng	0.00
7) Phenol-d6	7.16	99	122162	35.36	ng	0.00
23) Nitrobenzene-d5	9.16	82	273717	91.61	ng	0.00
41) 2,4,6-Tribromophenol	16.11	330	254834	156.66	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	791775	90.98	ng	0.00
78) Terphenyl-d14	19.98	244	1340779	97.37	ng	0.00

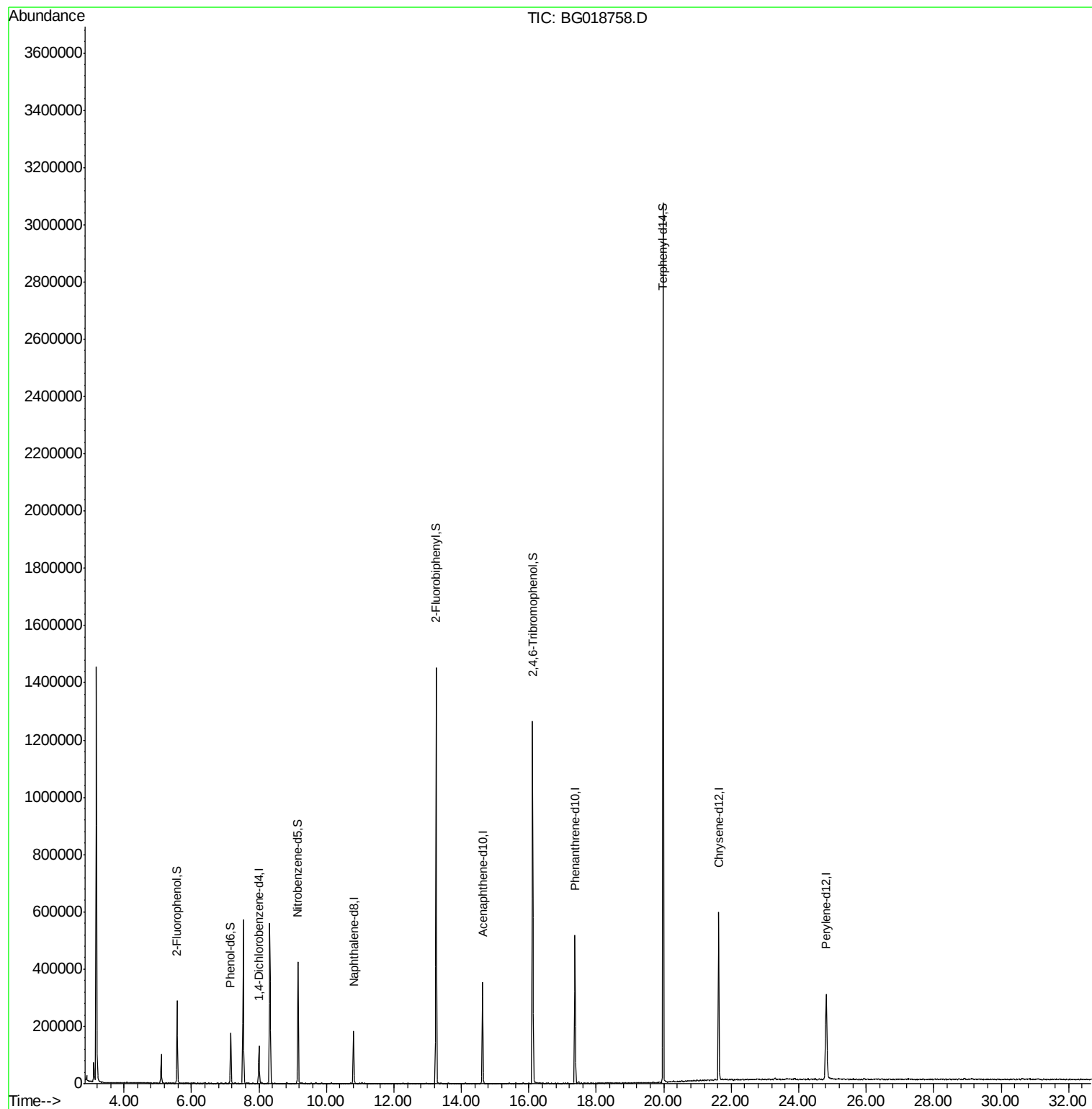
Target Compounds Qvalue

(#) = 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# 878

Delta R.T. 0.00 min

Lab File: BG018758.D

Acq: 18 Sep 2015 4:03

Instrument :

BNA_G

ClientSampleId :

FB-91615

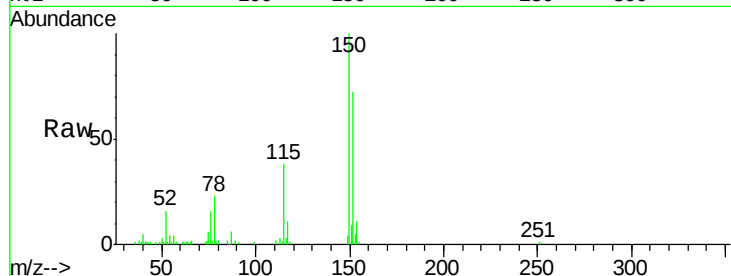
Tot Ion:152 Resp: 41625

Ion Ratio Lower Upper

152 100

150 139.0 115.0 172.4

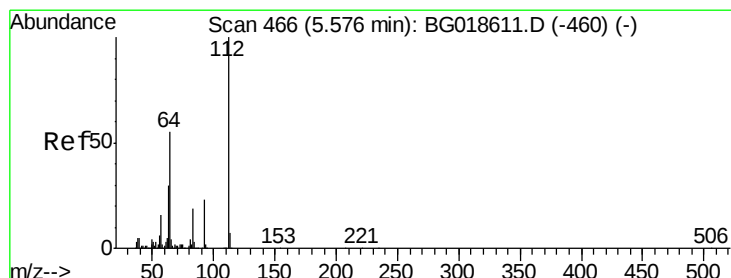
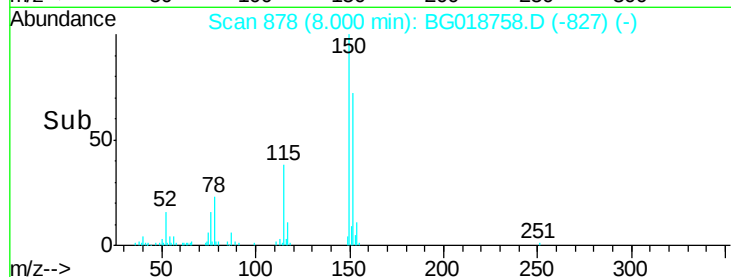
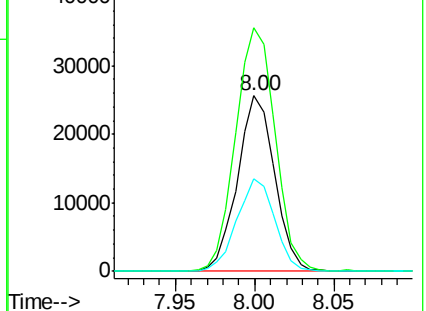
115 52.6 43.9 65.9



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: 58.47 ng

RT: 5.57 min Scan# 465

Delta R.T. 0.00 min

Lab File: BG018758.D

Acq: 18 Sep 2015 4:03

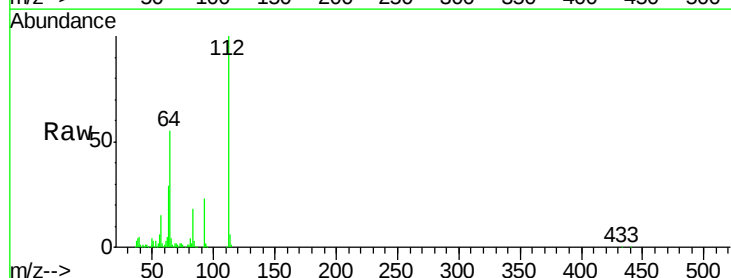
Tgt Ion:112 Resp: 140889

Ion Ratio Lower Upper

112 100

64 55.4 43.7 65.5

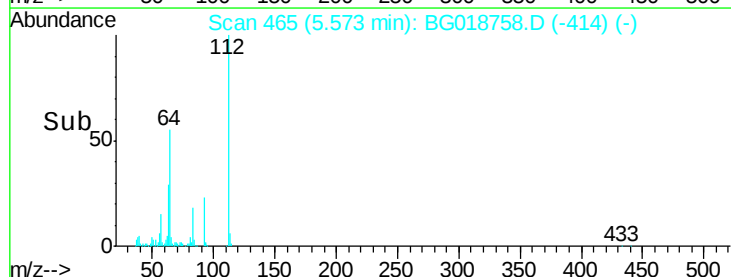
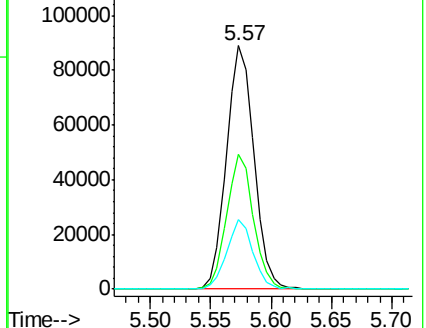
63 28.5 24.0 36.0

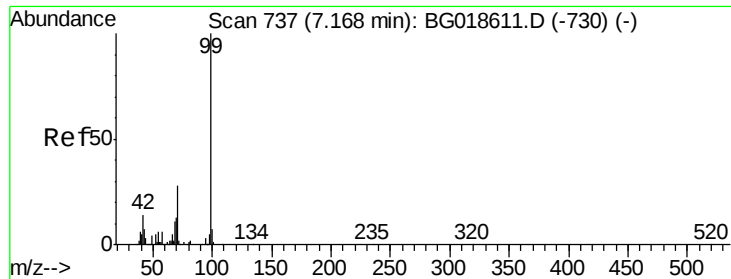


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 35.36 ng

RT: 7.16 min Scan# 735

Delta R.T. -0.00 min

Lab File: BG018758.D

Acq: 18 Sep 2015 4:03

Instrument :

BNA_G

ClientSampleId :

FB-91615

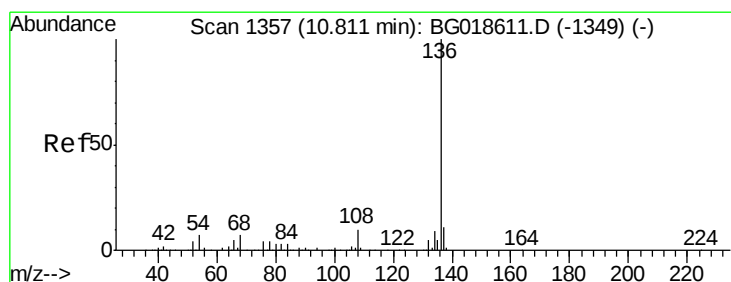
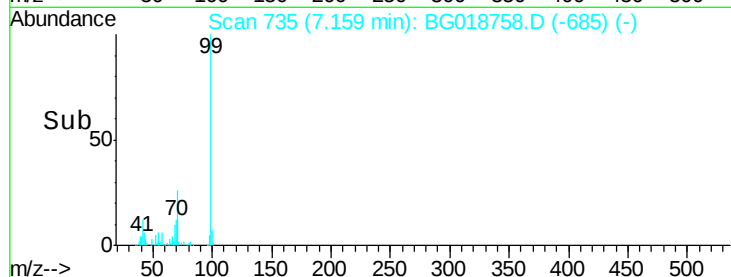
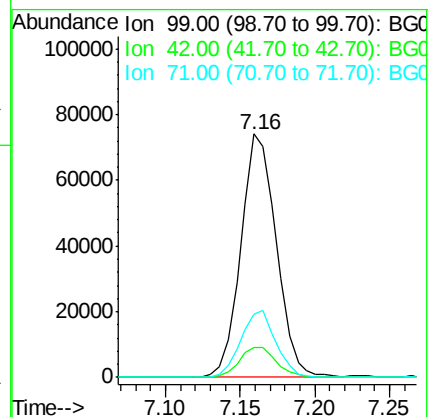
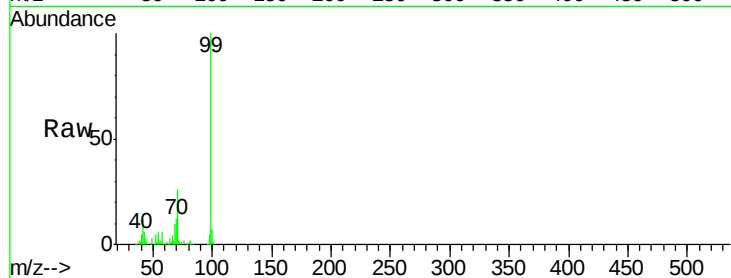
Tot Ion: 99 Resp: 122162

Ion Ratio Lower Upper

99 100

42 12.4 11.5 17.3

71 25.7 22.6 34.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.80 min Scan# 1355

Delta R.T. -0.00 min

Lab File: BG018758.D

Acq: 18 Sep 2015 4:03

Tgt Ion: 136 Resp: 167196

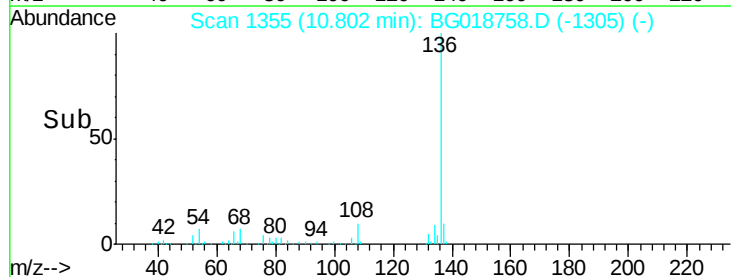
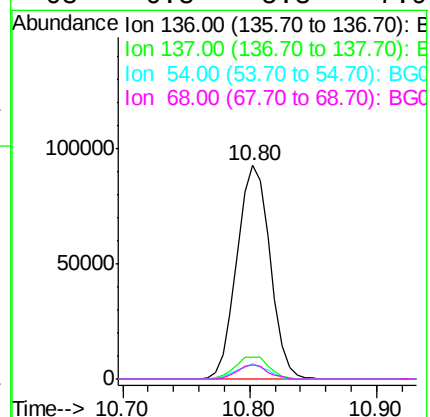
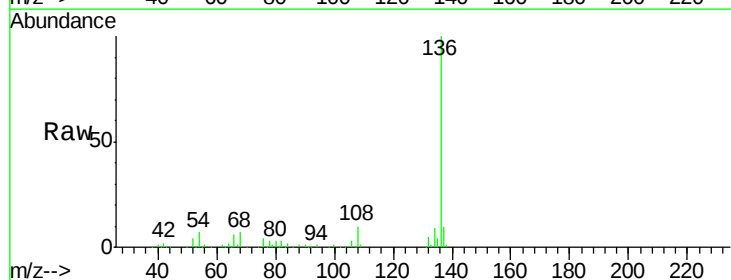
Ion Ratio Lower Upper

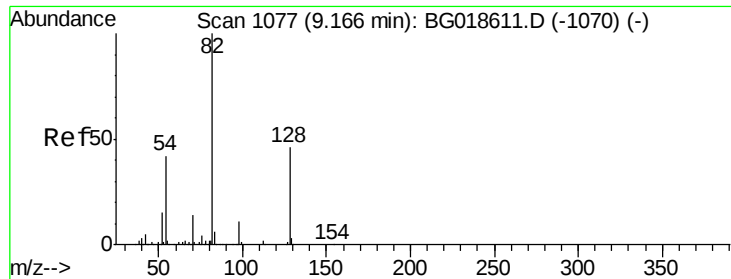
136 100

137 10.3 8.6 12.8

54 7.2 5.4 8.2

68 6.8 5.3 7.9

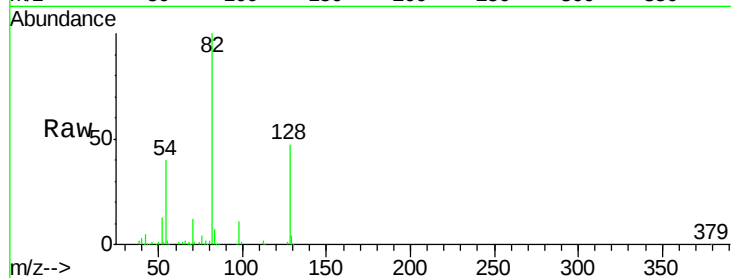




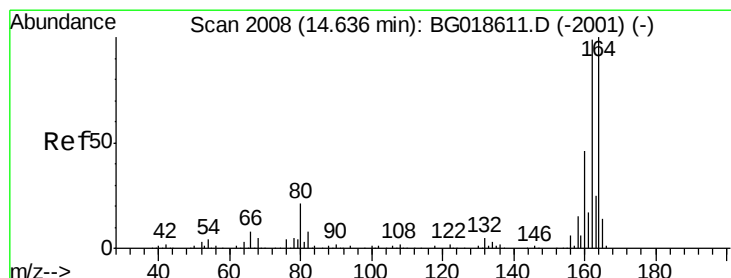
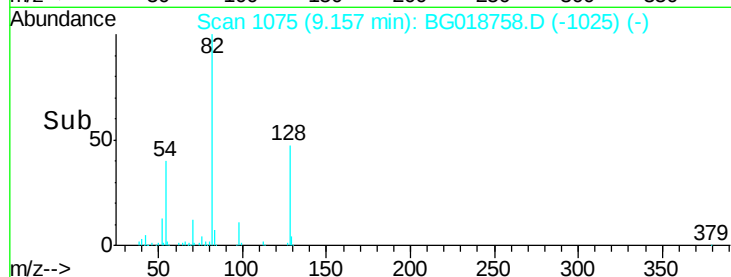
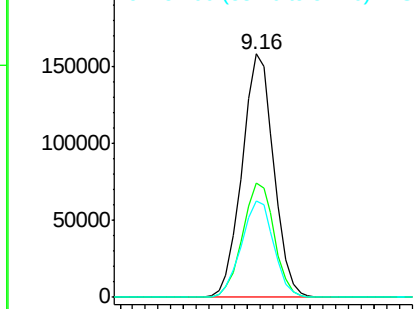
#23
Nitrobenzene-d5
Concen: 91.61 ng
RT: 9.16 min Scan# 1075
Delta R.T. -0.00 min
Lab File: BG018758.D
Acq: 18 Sep 2015 4:03

Instrument :
BNA_G
ClientSampleId :
FB-91615

Tot Ion: 82 Resp: 273717
Ion Ratio Lower Upper
82 100
128 46.9 36.7 55.1
54 39.5 33.8 50.8

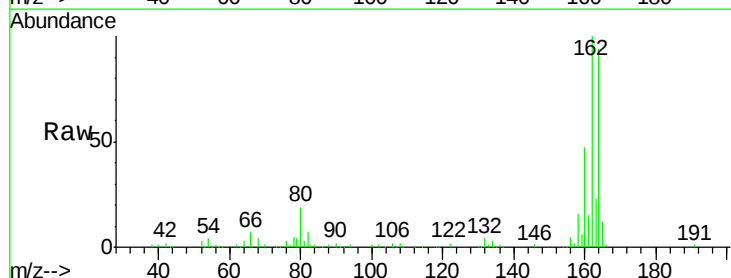


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

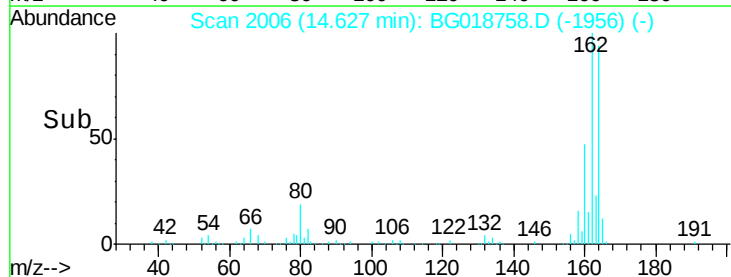
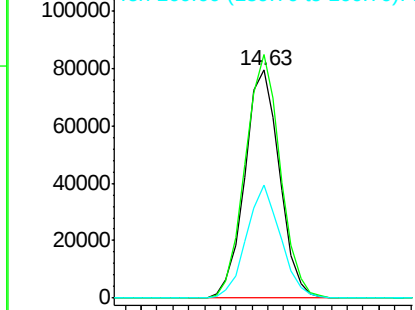


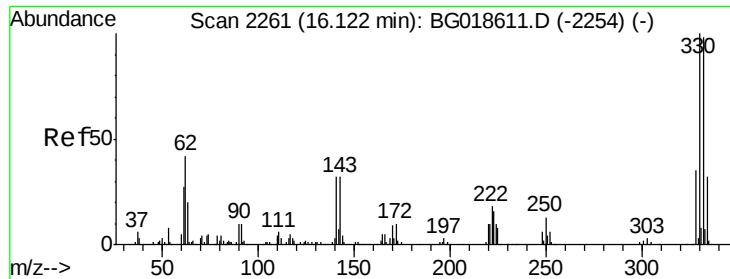
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.63 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BG018758.D
Acq: 18 Sep 2015 4:03

Tgt Ion: 164 Resp: 120807
Ion Ratio Lower Upper
164 100
162 106.7 78.8 118.2
160 49.8 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

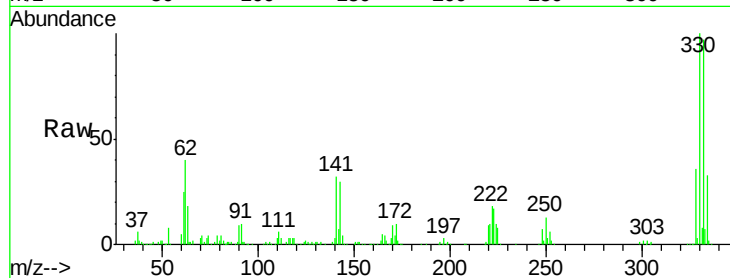




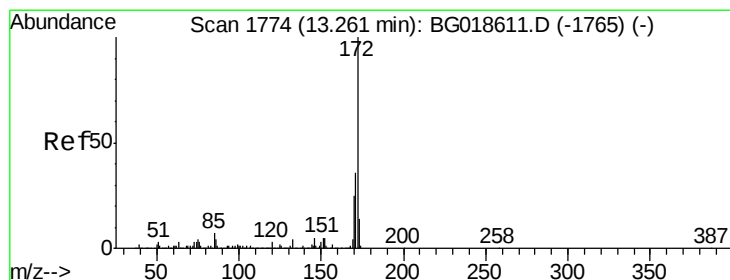
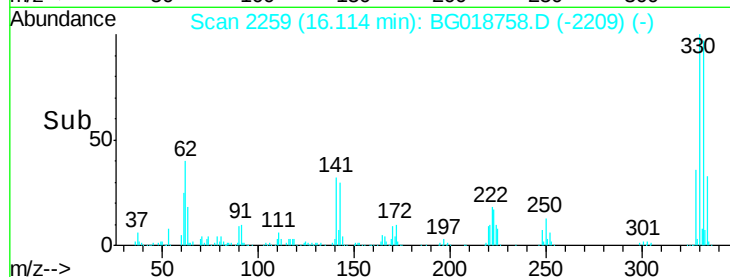
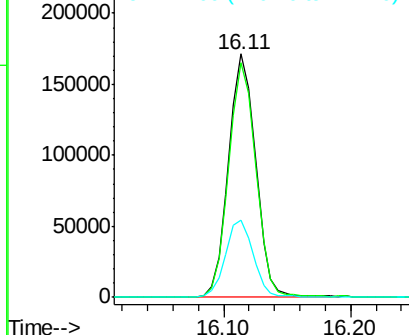
#41
 2,4,6-Tribromophenol
 Concen: 156.66 ng
 RT: 16.11 min Scan# 2259
 Delta R.T. -0.00 min
 Lab File: BG018758.D
 Acq: 18 Sep 2015 4:03

Instrument :
 BNA_G
 ClientSampleId :
 FB-91615

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	78.1	117.1
141	32.5	28.2	42.2

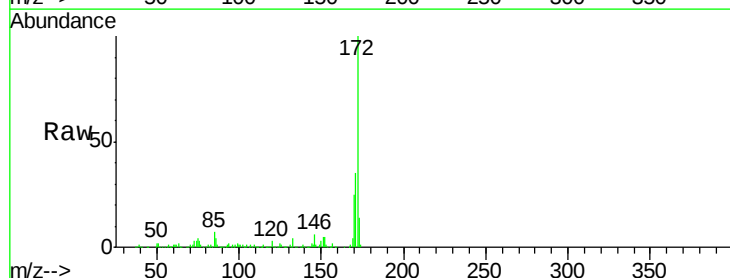


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

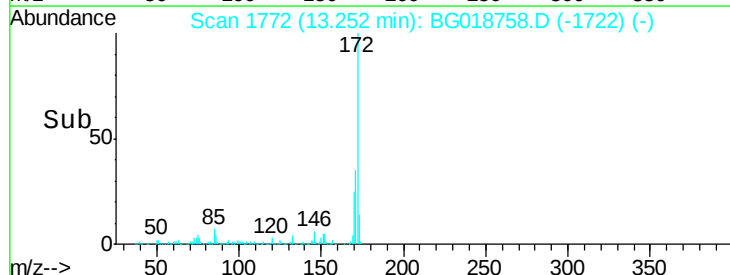
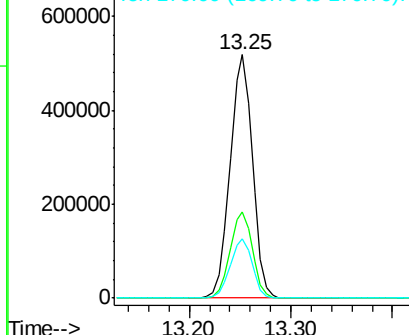


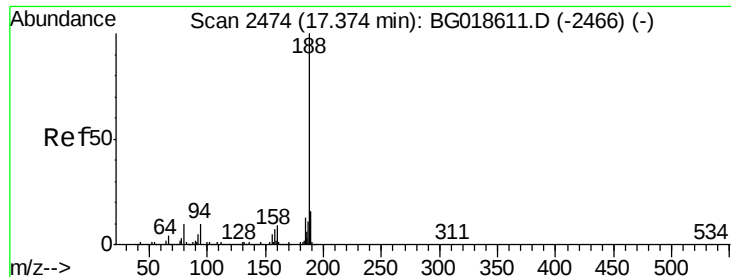
#44
 2-Fluorobiphenyl
 Concen: 90.98 ng
 RT: 13.25 min Scan# 1772
 Delta R.T. -0.00 min
 Lab File: BG018758.D
 Acq: 18 Sep 2015 4:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.0	43.6
170	24.6	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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.37 min Scan# 2473

Delta R.T. -0.00 min

Lab File: BG018758.D

Acq: 18 Sep 2015 4:03

Instrument :

BNA_G

ClientSampleId :

FB-91615

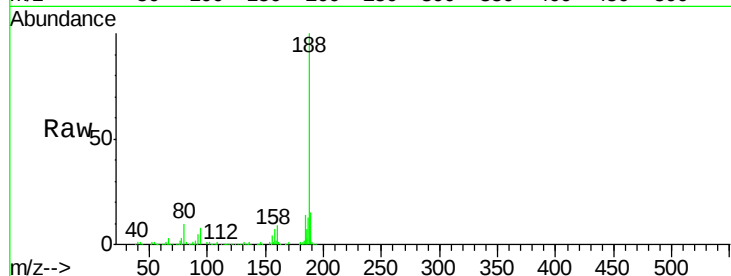
Tot Ion:188 Resp: 338104

Ion Ratio Lower Upper

188 100

94 8.4 7.7 11.5

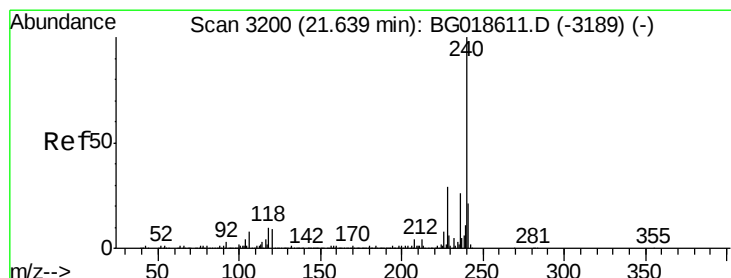
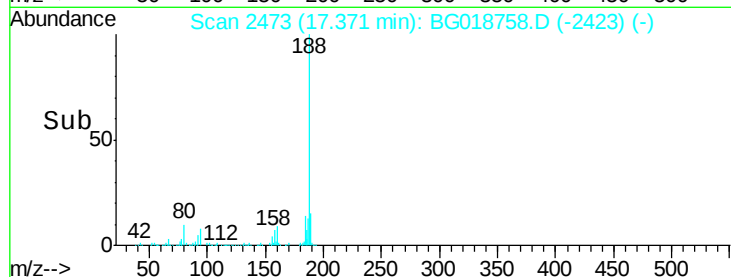
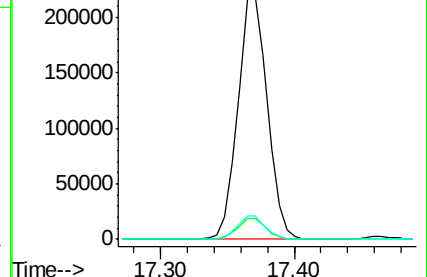
80 9.5 7.8 11.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.62 min Scan# 3197

Delta R.T. -0.01 min

Lab File: BG018758.D

Acq: 18 Sep 2015 4:03

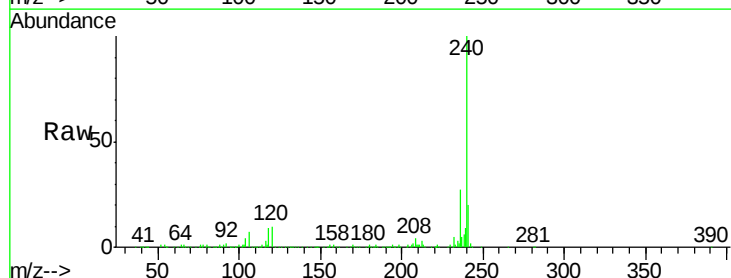
Tgt Ion:240 Resp: 361593

Ion Ratio Lower Upper

240 100

120 10.2 7.4 11.0

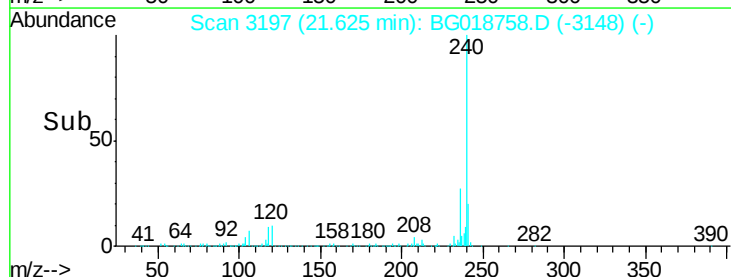
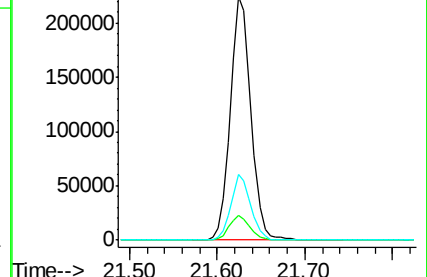
236 26.9 20.7 31.1

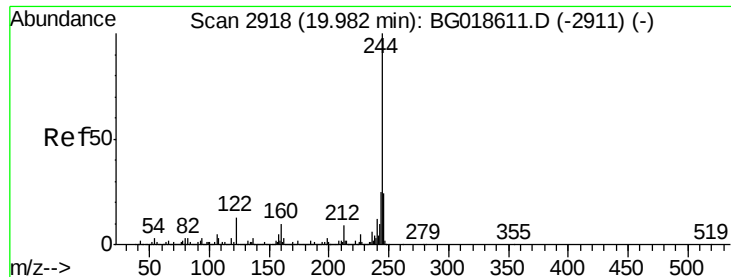


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 97.37 ng

RT: 19.98 min Scan# 2917

Delta R.T. 0.00 min

Lab File: BG018758.D

Acq: 18 Sep 2015 4:03

Instrument :

BNA_G

ClientSampled :

FB-91615

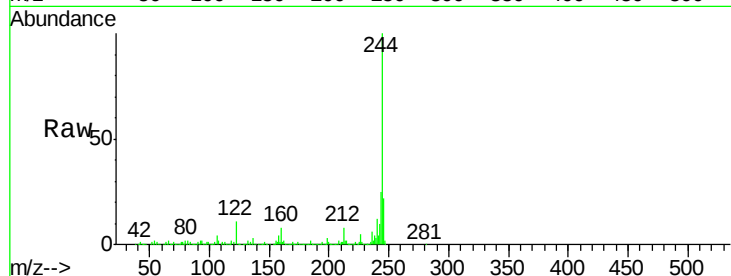
Tot Ion:244 Resp: 1340779

Ion Ratio Lower Upper

244 100

212 8.3 6.9 10.3

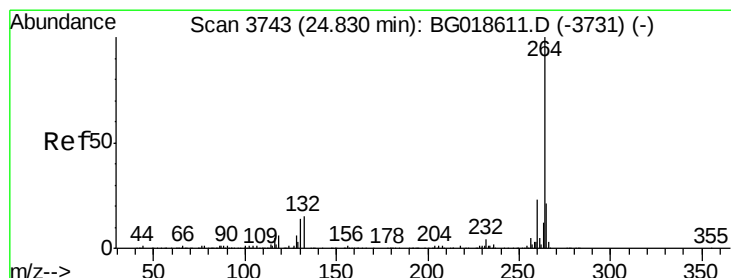
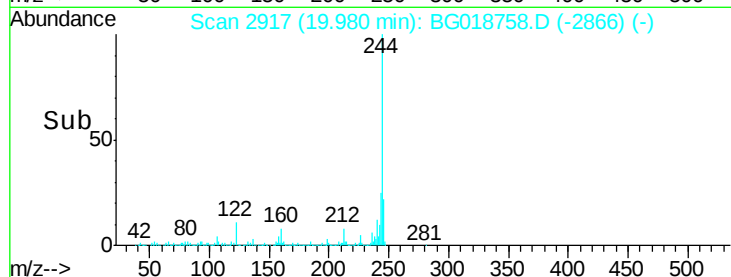
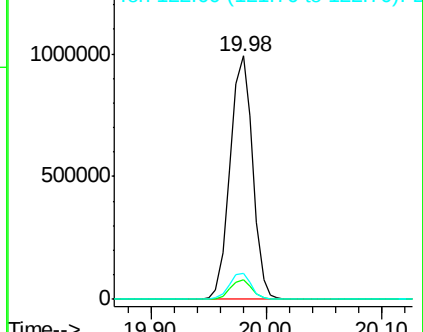
122 10.7 10.2 15.2



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: 24.82 min Scan# 3740

Delta R.T. -0.00 min

Lab File: BG018758.D

Acq: 18 Sep 2015 4:03

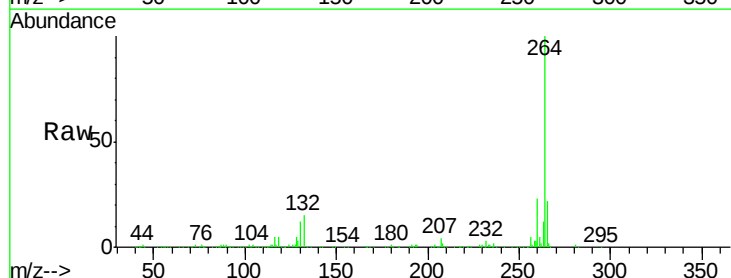
Tgt Ion:264 Resp: 346913

Ion Ratio Lower Upper

264 100

260 22.8 18.5 27.7

265 21.7 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

