

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041916\
 Data File : BG021750.D
 Acq On : 19 Apr 2016 1:37
 Operator : UM/SJ
 Sample : H2537-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B9(15-17)

Quant Time: Apr 19 03:40:13 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 15:48:13 2016
 Response via : Initial Calibration

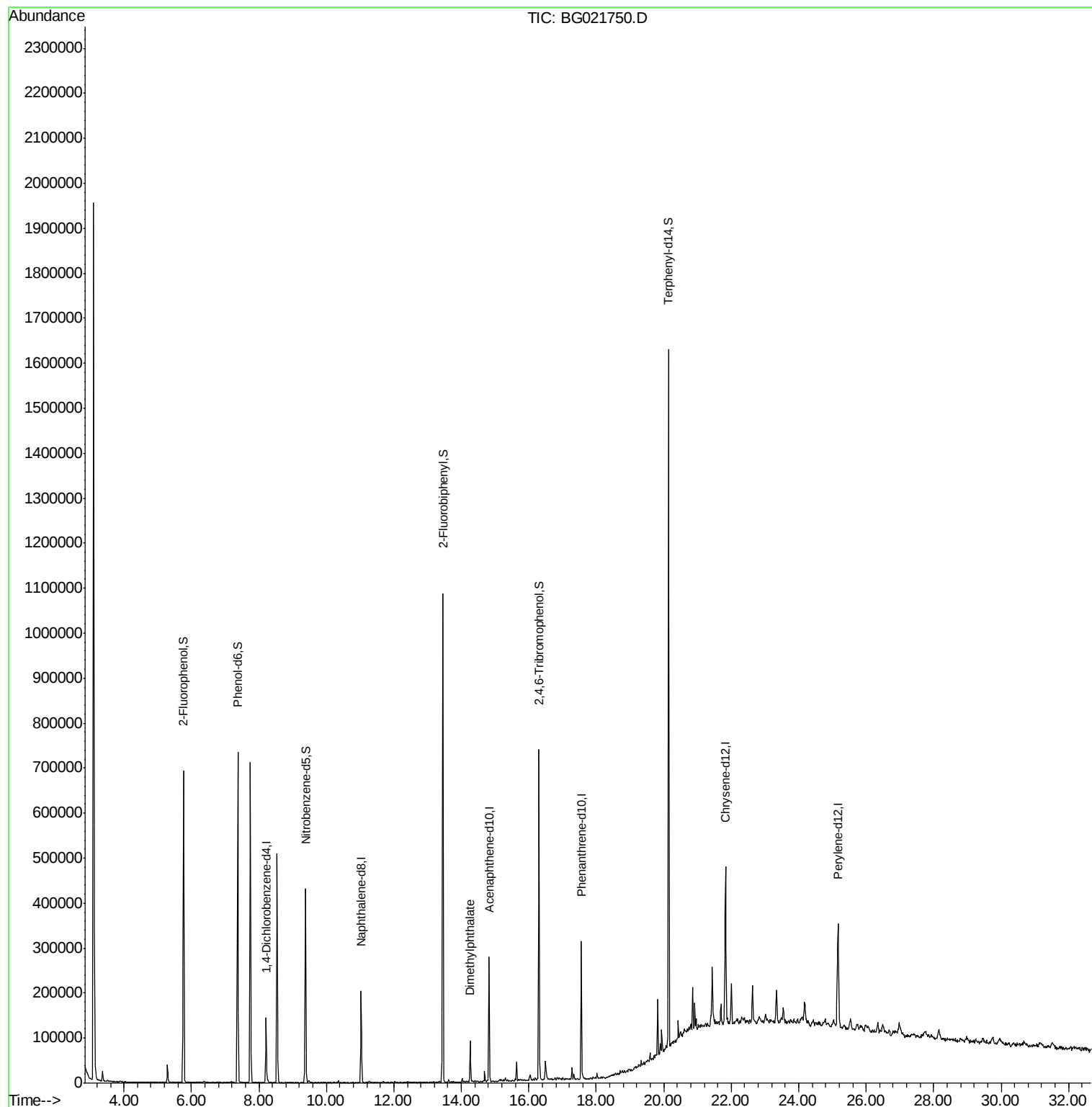
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	40604	20.00	ng	-0.01
21) Naphthalene-d8	11.03	136	173352	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	94027	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	191781	20.00	ng	0.00
75) Chrysene-d12	21.83	240	221571	20.00	ng	0.00
86) Perylene-d12	25.16	264	222525	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.77	112	315465	129.38	ng	0.00
7) Phenol-d6	7.37	99	447583	122.89	ng	0.01
23) Nitrobenzene-d5	9.38	82	275587	81.71	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	130374	128.65	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	576849	89.89	ng	0.00
78) Terphenyl-d14	20.14	244	701237	78.97	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.26	163	60018	7.38	ng	Qvalue 99

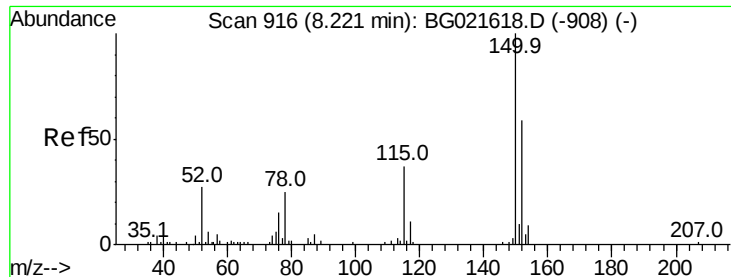
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Apr 13 15:48:13 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.21 min Scan# 914

Delta R.T. -0.01 min

Lab File: BG021750.D

Acq: 19 Apr 2016 1:37

Instrument :

BNA_G

ClientSampleId :

B9(15-17)

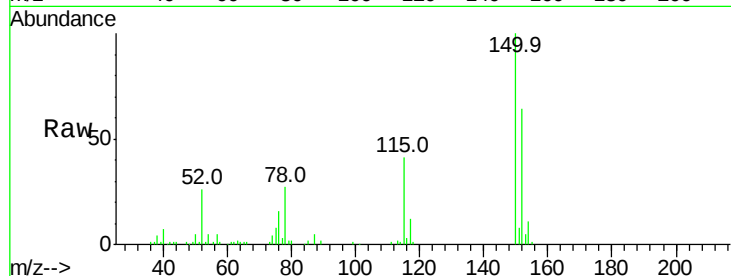
Tot Ion:152 Resp: 40604

Ion Ratio Lower Upper

152 100

150 157.2 130.1 195.1

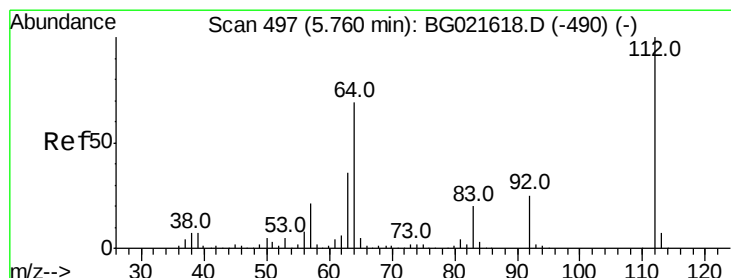
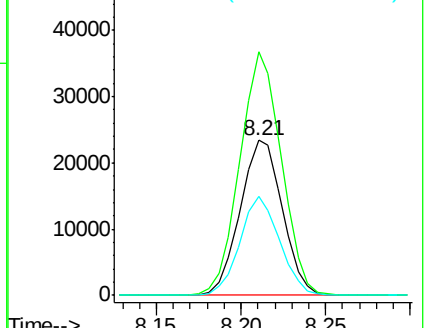
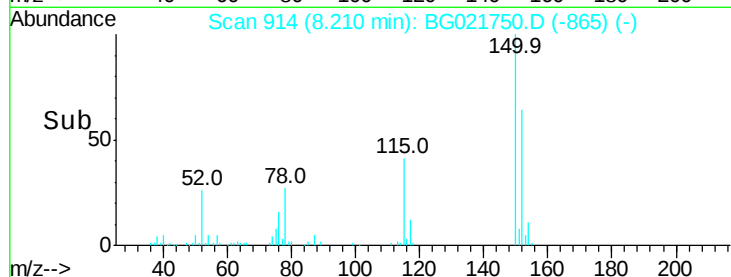
115 64.2 62.2 93.2



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: 129.38 ng

RT: 5.77 min Scan# 498

Delta R.T. 0.01 min

Lab File: BG021750.D

Acq: 19 Apr 2016 1:37

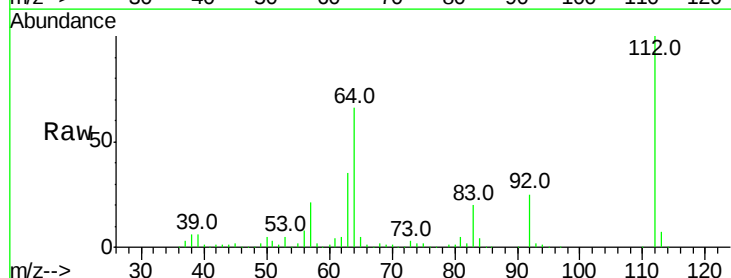
Tgt Ion:112 Resp: 315465

Ion Ratio Lower Upper

112 100

64 66.5 51.1 76.7

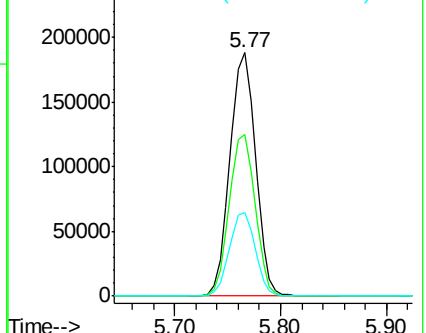
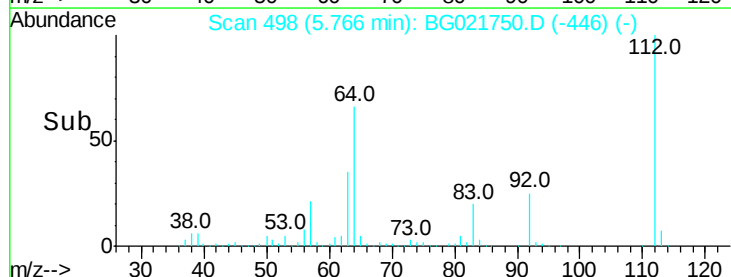
63 34.6 24.6 37.0

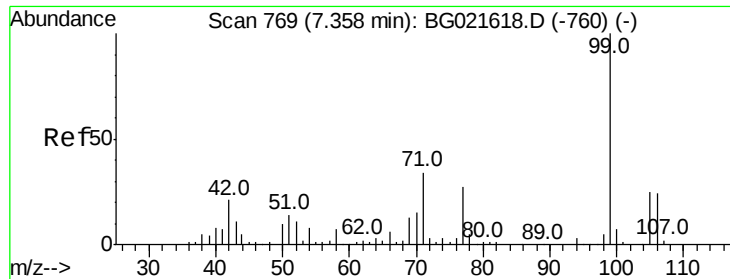


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 122.89 ng

RT: 7.37 min Scan# 771

Delta R.T. 0.01 min

Lab File: BG021750.D

Acq: 19 Apr 2016 1:37

Instrument :

BNA_G

ClientSampleId :

B9(15-17)

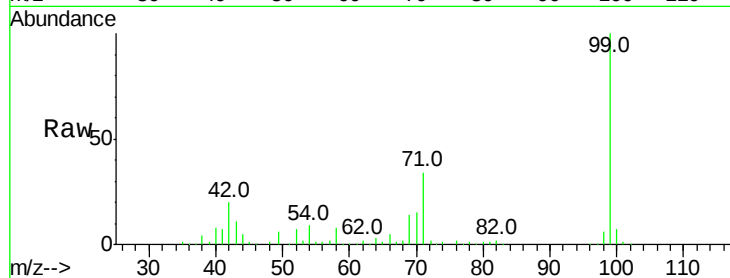
Tot Ion: 99 Resp: 447583

Ion Ratio Lower Upper

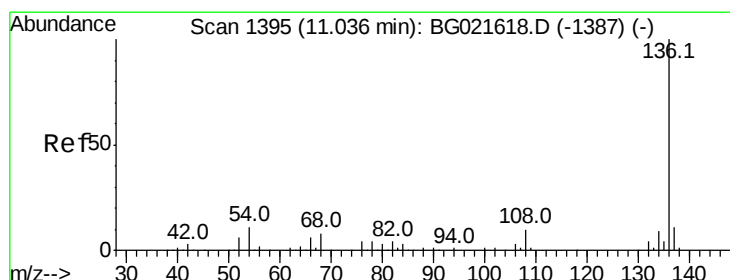
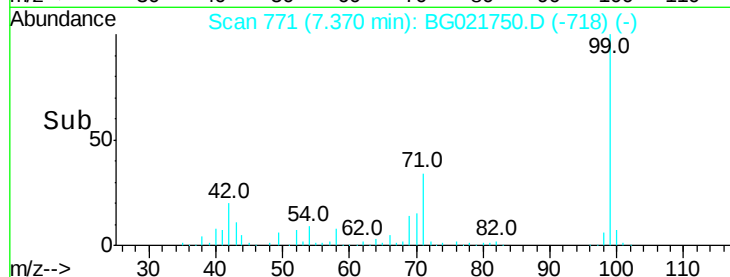
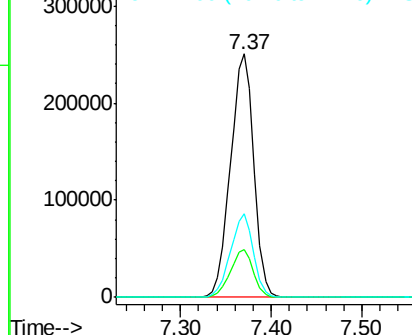
99 100

42 19.6 16.4 24.6

71 34.3 25.0 37.4



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.03 min Scan# 1394

Delta R.T. -0.01 min

Lab File: BG021750.D

Acq: 19 Apr 2016 1:37

Tgt Ion: 136 Resp: 173352

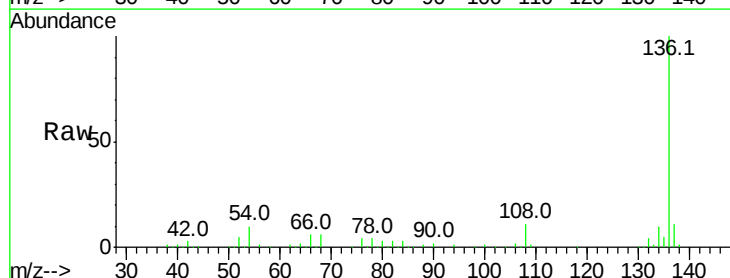
Ion Ratio Lower Upper

136 100

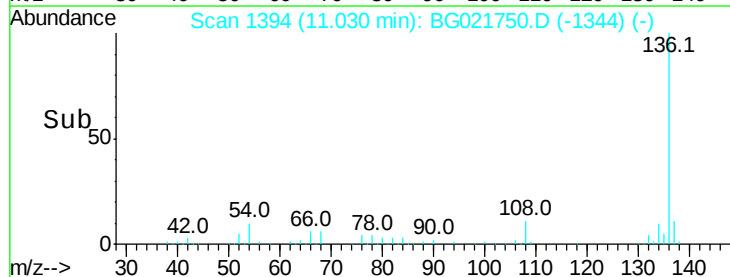
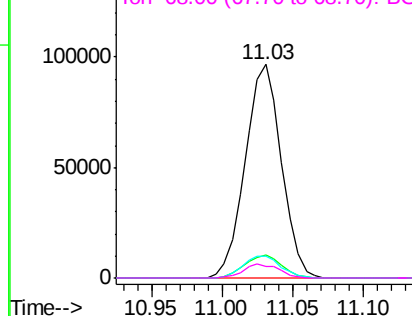
137 10.6 9.0 13.4

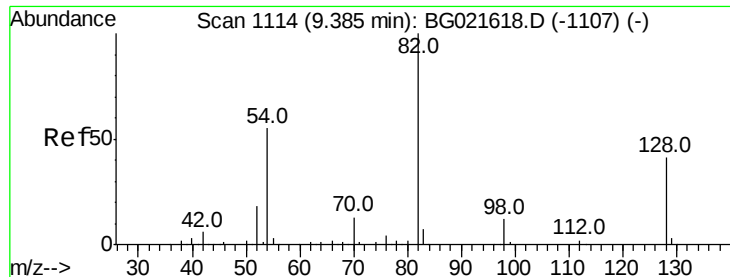
54 10.3 9.6 14.4

68 5.7 6.4 9.6#



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





#23

Nitrobenzene-d5

Concen: 81.71 ng

RT: 9.38 min Scan# 1113

Delta R.T. -0.01 min

Lab File: BG021750.D

Acq: 19 Apr 2016 1:37

Instrument :

BNA_G

ClientSampleId :

B9(15-17)

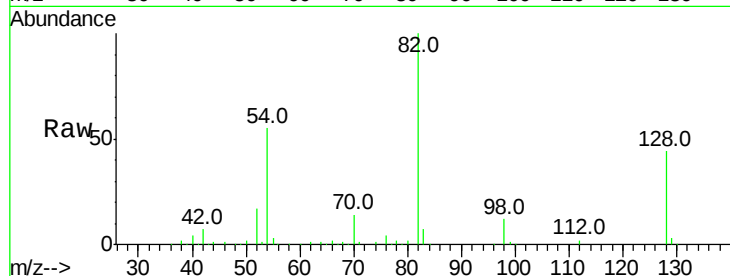
Tot Ion: 82 Resp: 275587

Ion Ratio Lower Upper

82 100

128 43.5 33.4 50.0

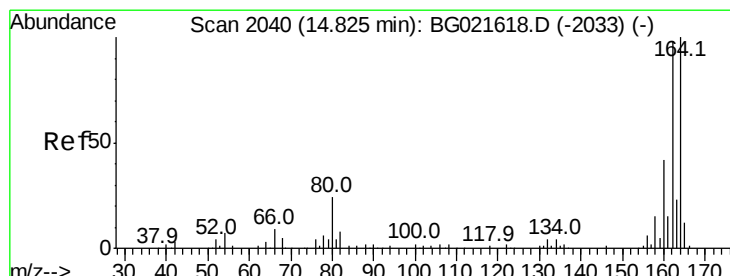
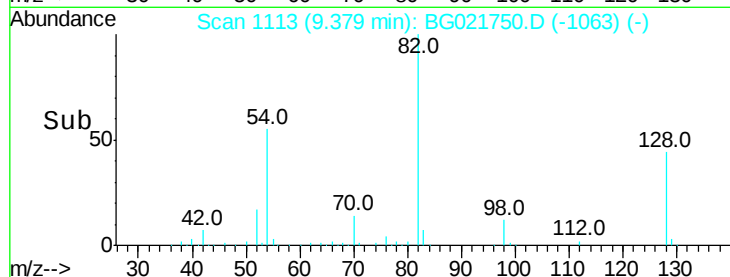
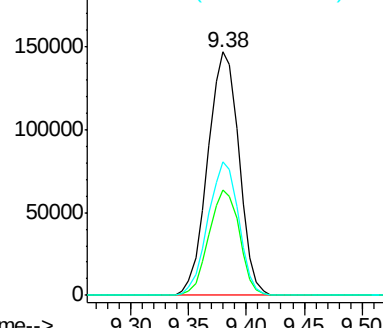
54 55.0 46.1 69.1



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: 14.82 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BG021750.D

Acq: 19 Apr 2016 1:37

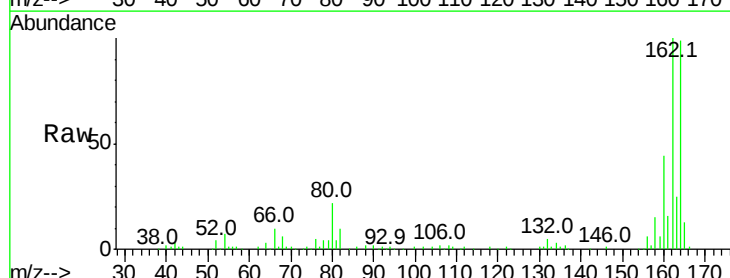
Tgt Ion: 164 Resp: 94027

Ion Ratio Lower Upper

164 100

162 101.3 78.0 117.0

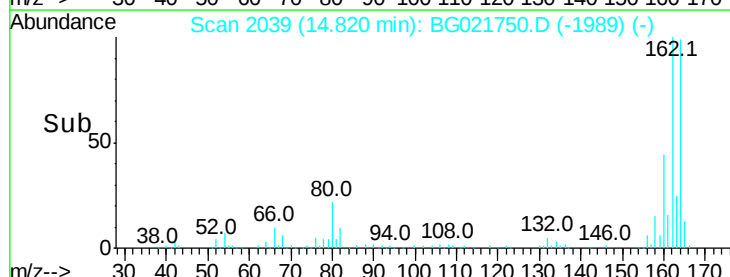
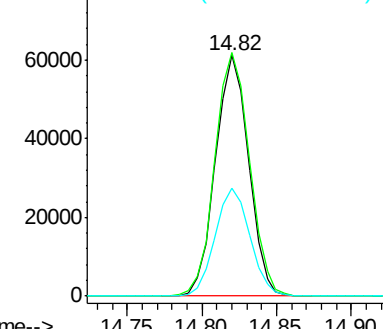
160 44.7 32.9 49.3

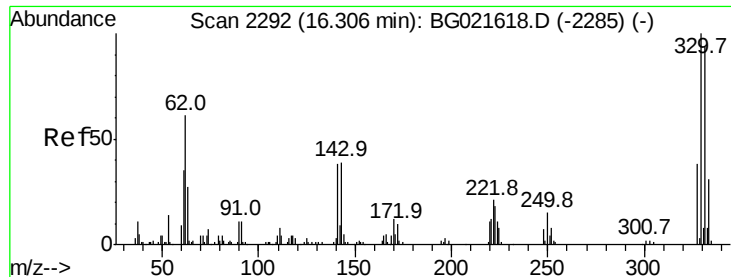


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

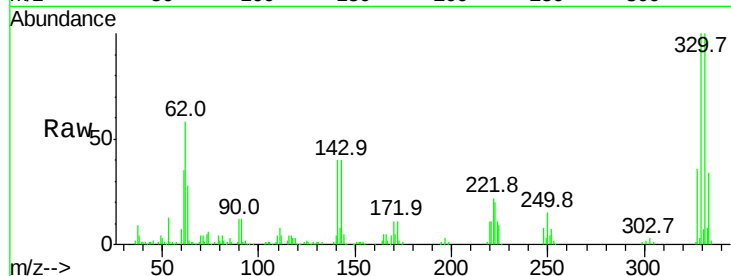




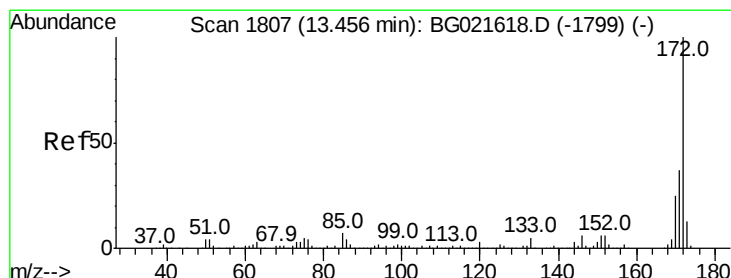
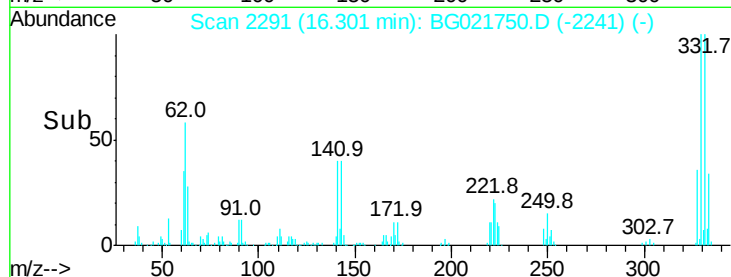
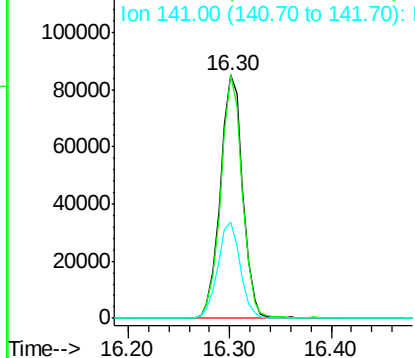
#41
 2,4,6-Tribromophenol
 Concen: 128.65 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BG021750.D
 Acq: 19 Apr 2016 1:37

Instrument :
 BNA_G
 ClientSampleId :
 B9(15-17)

Tot Ion:330 Resp: 130374
 Ion Ratio Lower Upper
 330 100
 332 96.4 78.0 117.0
 141 39.9 33.8 50.8

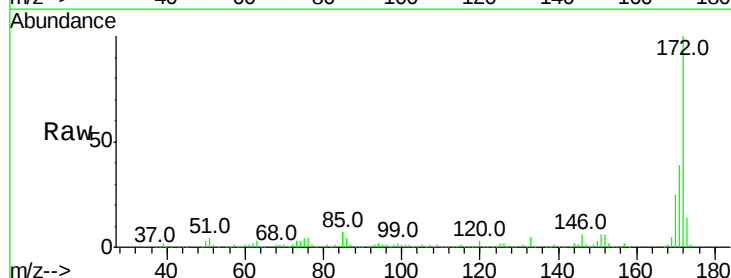


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

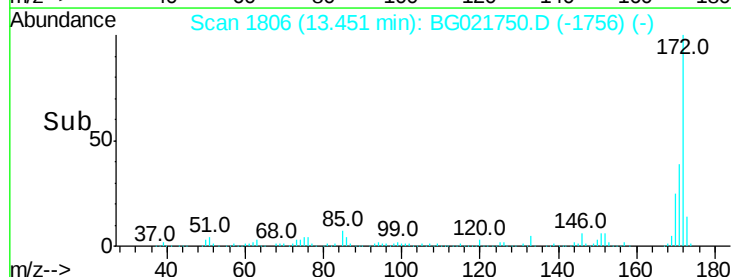
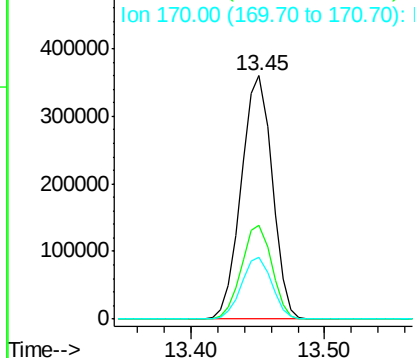


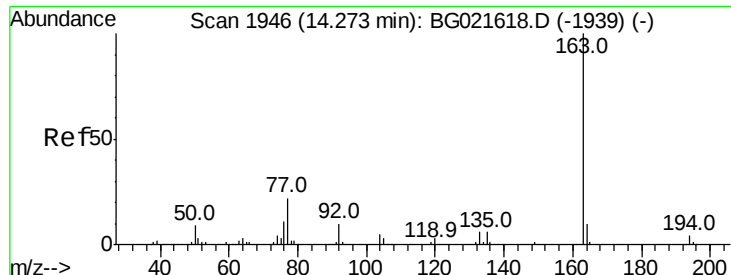
#44
 2-Fluorobiphenyl
 Concen: 89.89 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. -0.01 min
 Lab File: BG021750.D
 Acq: 19 Apr 2016 1:37

Tgt Ion:172 Resp: 576849
 Ion Ratio Lower Upper
 172 100
 171 38.7 27.8 41.6
 170 25.2 19.6 29.4



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: 7.38 ng

RT: 14.26 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG021750.D

Acq: 19 Apr 2016 1:37

Instrument :

BNA_G

ClientSampleId :

B9(15-17)

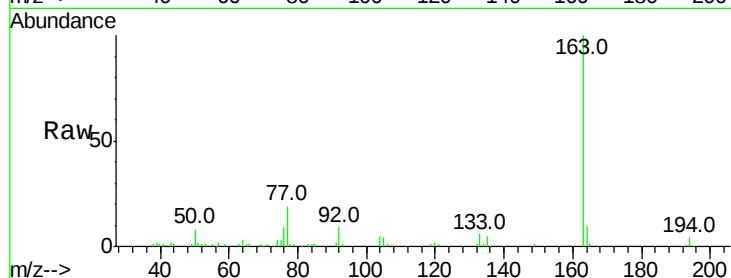
Tot Ion:163 Resp: 60018

Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.6

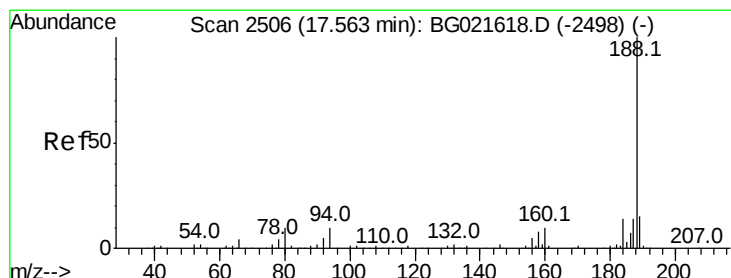
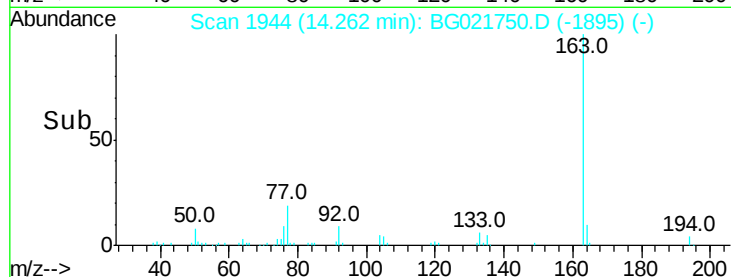
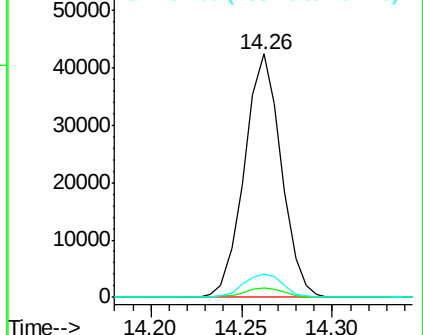
164 9.8 8.1 12.1



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2505

Delta R.T. -0.01 min

Lab File: BG021750.D

Acq: 19 Apr 2016 1:37

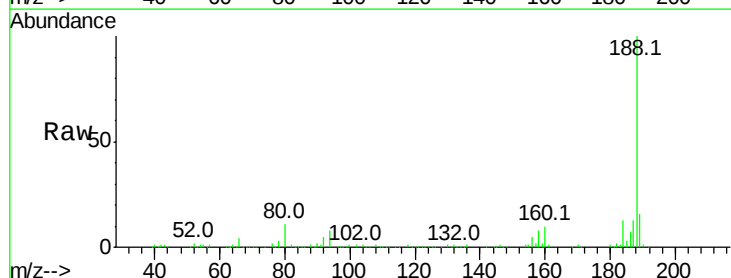
Tgt Ion:188 Resp: 191781

Ion Ratio Lower Upper

188 100

94 8.2 7.5 11.3

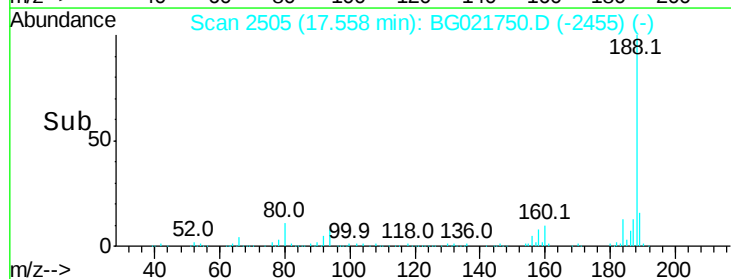
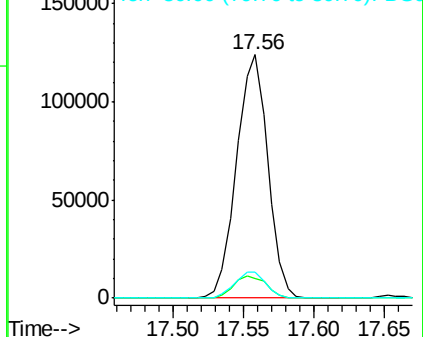
80 10.6 8.6 13.0

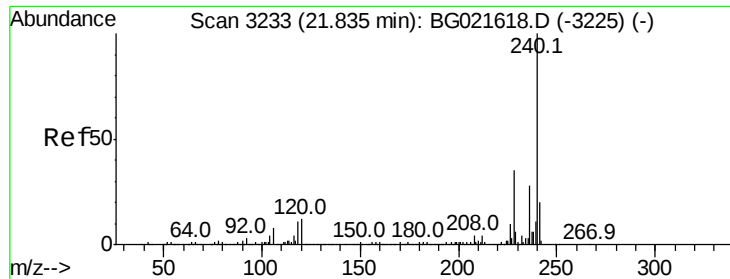


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.83 min Scan# 3232

Delta R.T. -0.01 min

Lab File: BG021750.D

Acq: 19 Apr 2016 1:37

Instrument :

BNA_G

ClientSampleId :

B9(15-17)

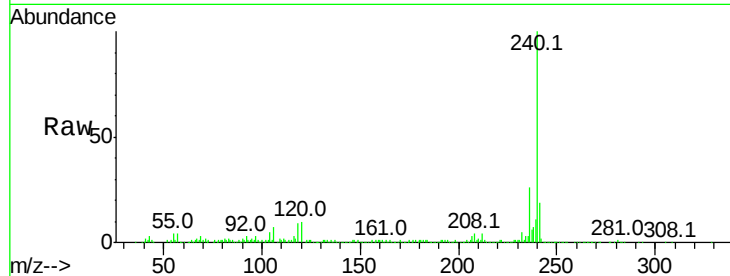
Tot Ion:240 Resp: 221571

Ion Ratio Lower Upper

240 100

120 9.6 8.4 12.6

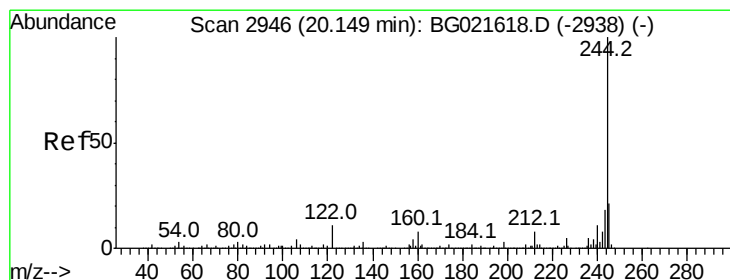
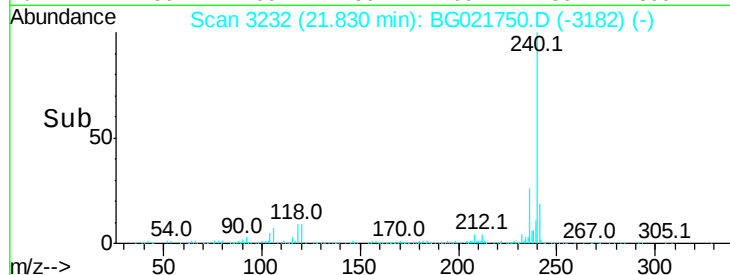
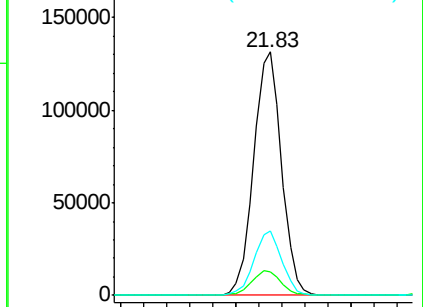
236 26.3 19.6 29.4



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: 78.97 ng

RT: 20.14 min Scan# 2945

Delta R.T. -0.01 min

Lab File: BG021750.D

Acq: 19 Apr 2016 1:37

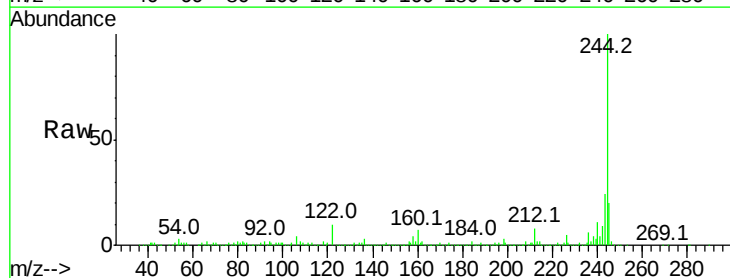
Tgt Ion:244 Resp: 701237

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

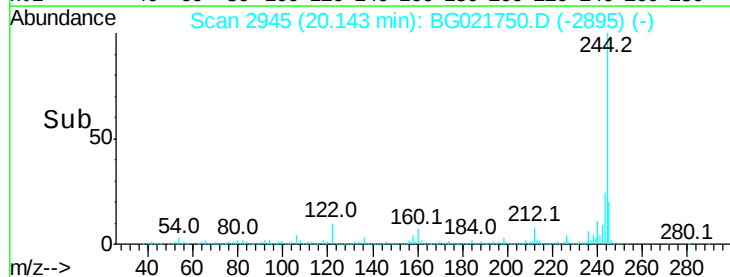
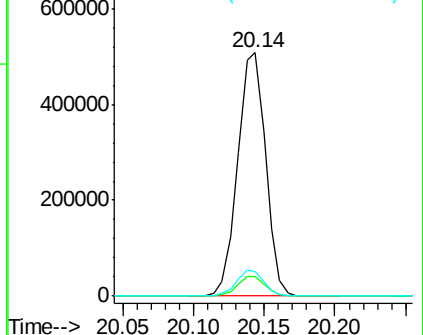
122 10.3 8.6 12.8

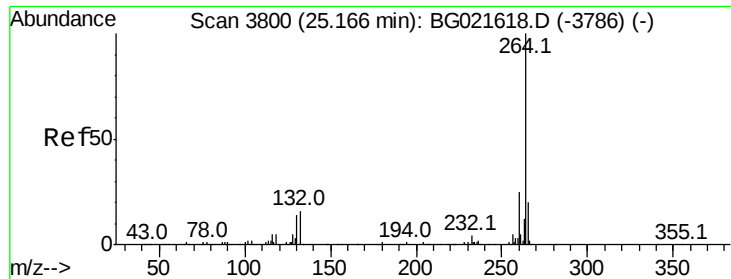


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

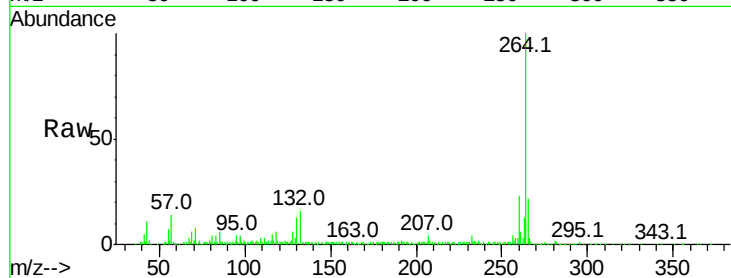




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.16 min Scan# 3799
 Delta R.T. -0.01 min
 Lab File: BG021750.D
 Acq: 19 Apr 2016 1:37

Instrument :
 BNA_G
 ClientSampleId :
 B9(15-17)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	20.2	30.4
265	22.2	17.8	26.8



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

