

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041916\
 Data File : BG021747.D
 Acq On : 18 Apr 2016 23:37
 Operator : UM/SJ
 Sample : H2537-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B5(15-17)

Quant Time: Apr 19 03:39:31 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

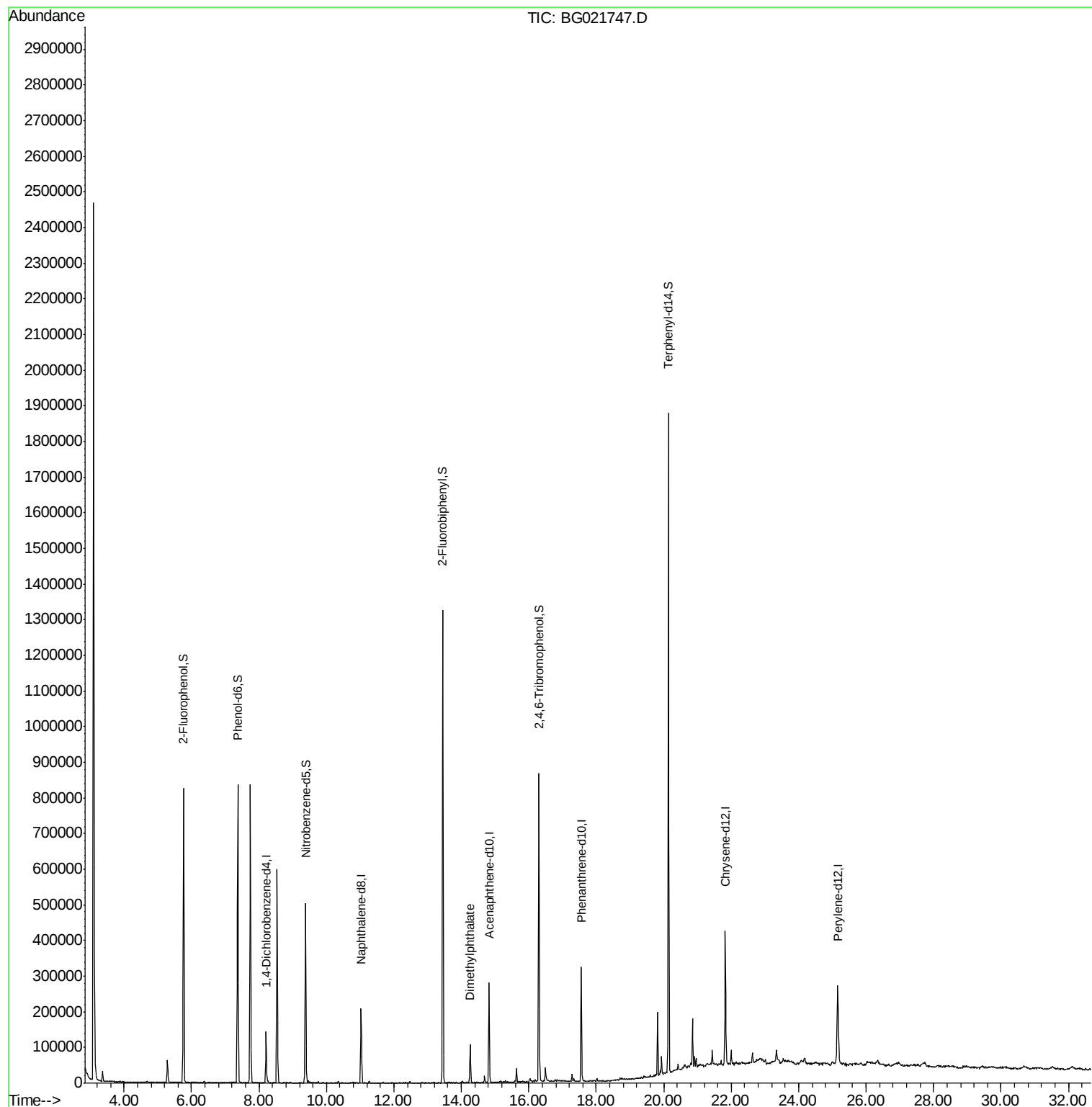
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	39242	20.00	ng	-0.01
21) Naphthalene-d8	11.03	136	174869	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	100884	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	193030	20.00	ng	0.00
75) Chrysene-d12	21.83	240	223204	20.00	ng	0.00
86) Perylene-d12	25.16	264	219208	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	360739	153.08	ng	0.00
7) Phenol-d6	7.37	99	514675	146.22	ng	0.01
23) Nitrobenzene-d5	9.38	82	322735	94.86	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	154373	141.98	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	686556	99.71	ng	0.00
78) Terphenyl-d14	20.14	244	796251	89.01	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.26	163	74494	8.54	ng	Qvalue 99

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

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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: BG021747.D

Acq: 18 Apr 2016 23:37

Instrument :

BNA_G

ClientSampleId :

B5(15-17)

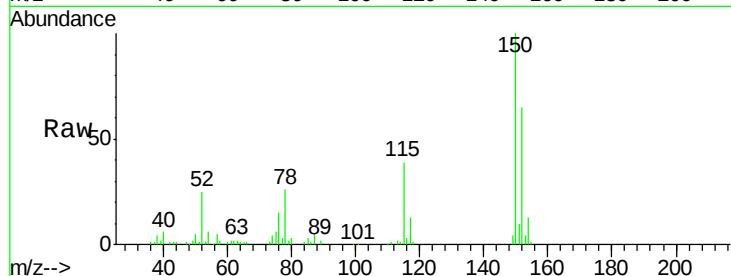
Tgt Ion:152 Resp: 39242

Ion Ratio Lower Upper

152 100

150 154.1 130.1 195.1

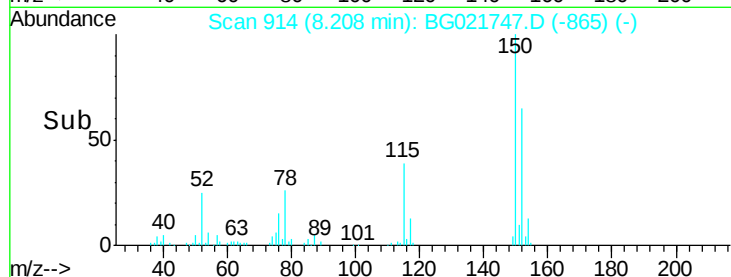
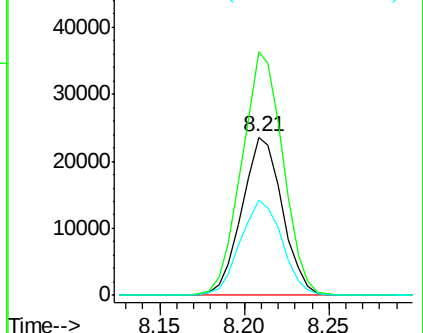
115 59.9 62.2 93.2#



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: 153.08 ng

RT: 5.76 min Scan# 498

Delta R.T. 0.01 min

Lab File: BG021747.D

Acq: 18 Apr 2016 23:37

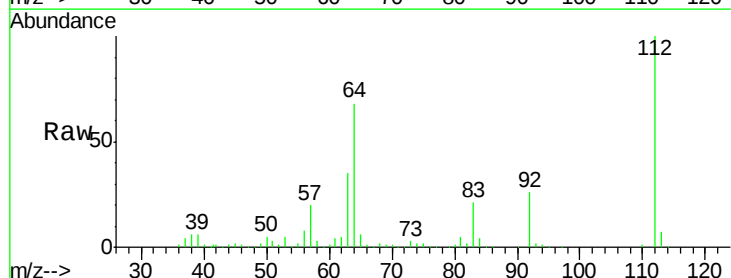
Tgt Ion:112 Resp: 360739

Ion Ratio Lower Upper

112 100

64 67.6 51.1 76.7

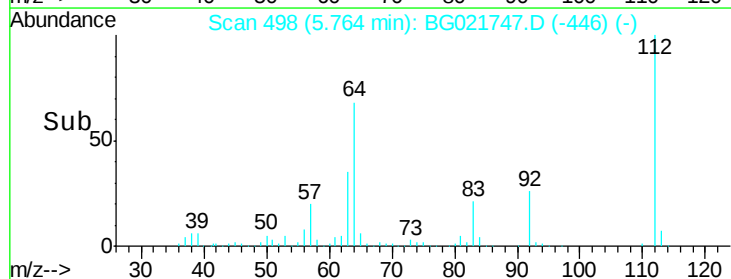
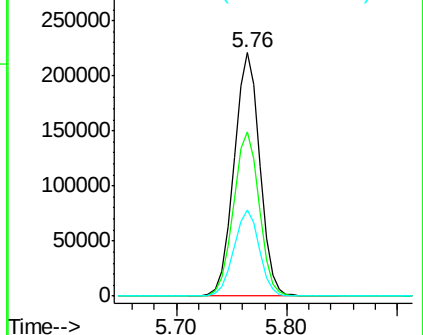
63 35.3 24.6 37.0

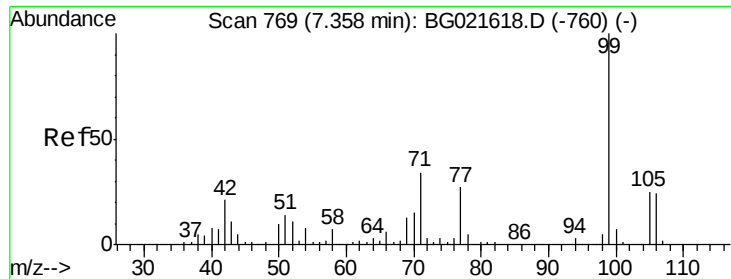


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 146.22 ng

RT: 7.37 min Scan# 771

Delta R.T. 0.01 min

Lab File: BG021747.D

Acq: 18 Apr 2016 23:37

Instrument :

BNA_G

ClientSampleId :

B5(15-17)

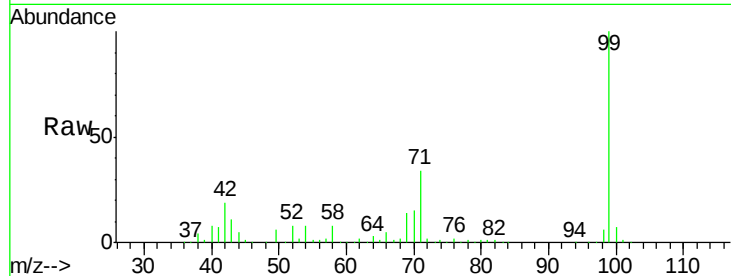
Tgt Ion: 99 Resp: 514675

Ion Ratio Lower Upper

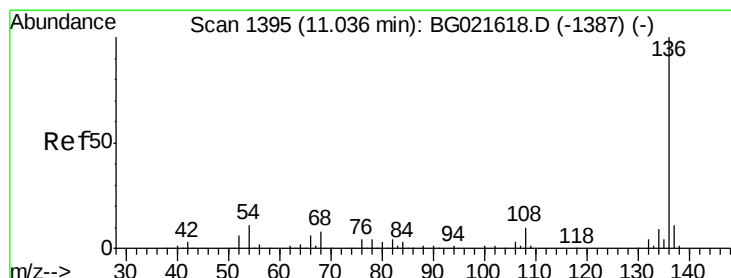
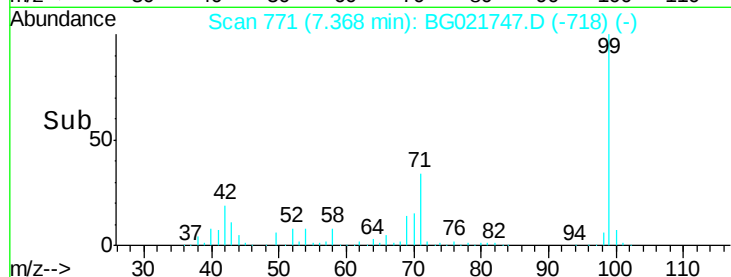
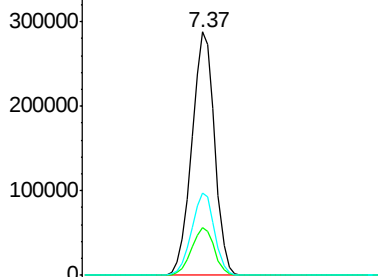
99 100

42 19.5 16.4 24.6

71 34.0 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: BG021747.D

Acq: 18 Apr 2016 23:37

Tgt Ion: 136 Resp: 174869

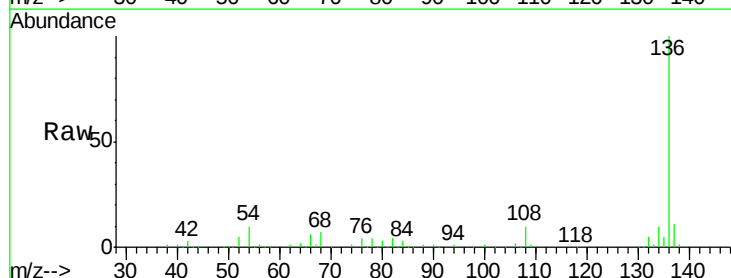
Ion Ratio Lower Upper

136 100

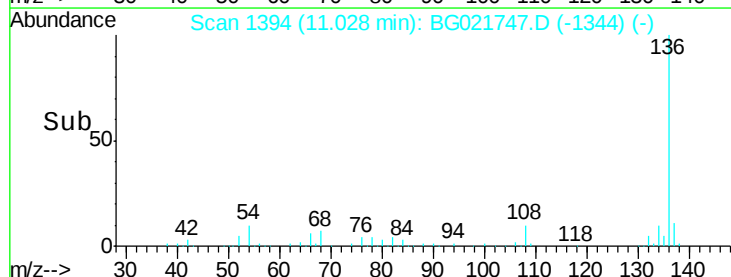
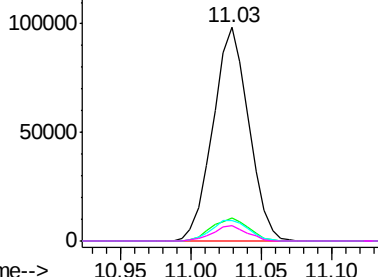
137 10.8 9.0 13.4

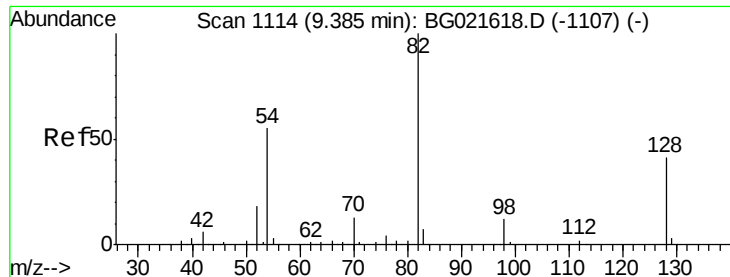
54 9.8 9.6 14.4

68 7.2 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

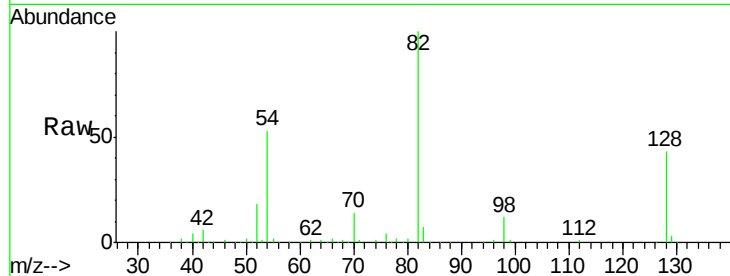




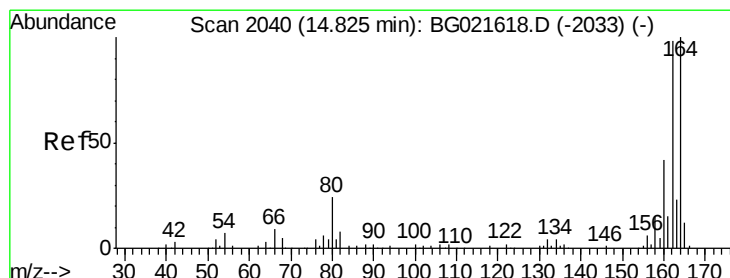
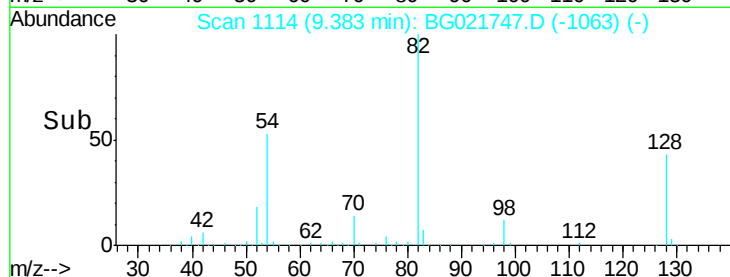
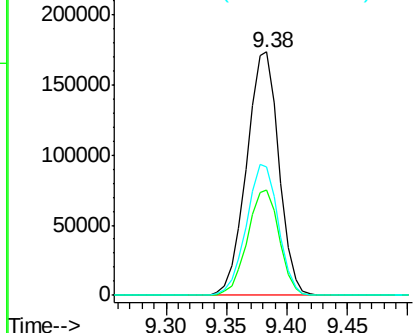
#23
 Nitrobenzene-d5
 Concen: 94.86 ng
 RT: 9.38 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BG021747.D
 Acq: 18 Apr 2016 23:37

Instrument :
 BNA_G
 ClientSampleId :
 B5(15-17)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.4	33.4	50.0
54	52.6	46.1	69.1

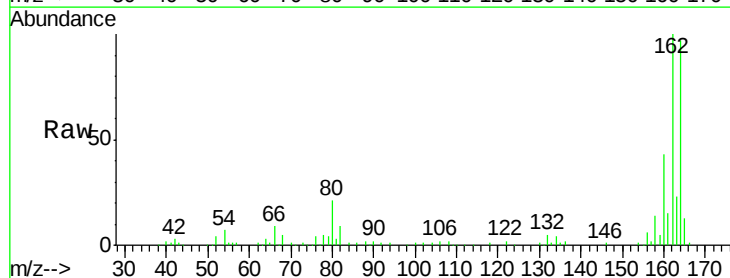


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

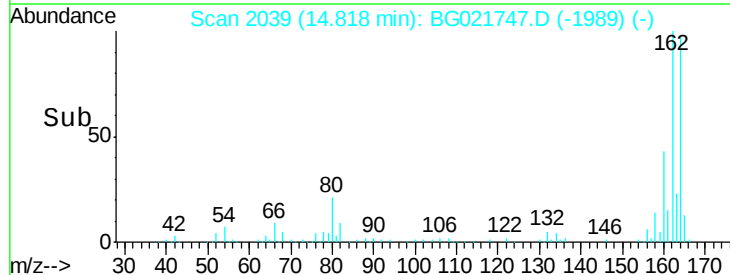
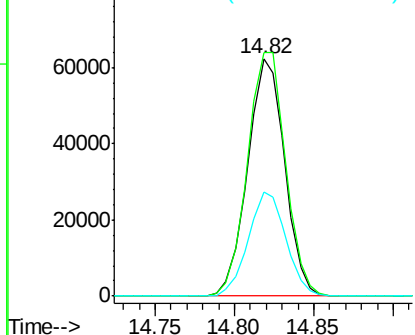


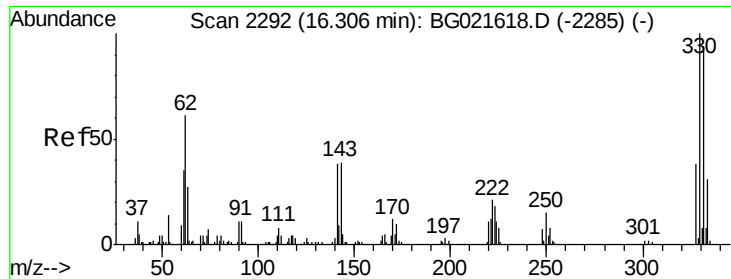
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.82 min Scan# 2039
 Delta R.T. -0.01 min
 Lab File: BG021747.D
 Acq: 18 Apr 2016 23:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	78.0	117.0
160	43.9	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

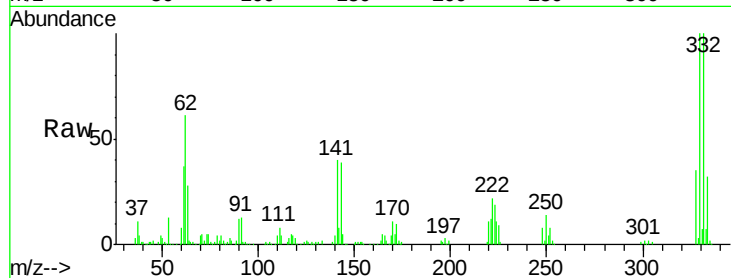




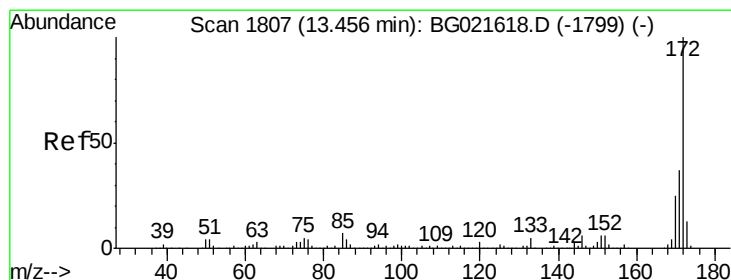
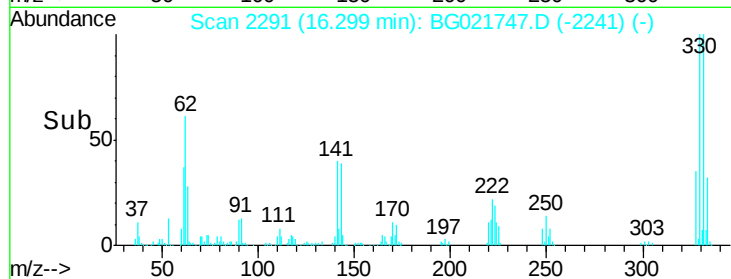
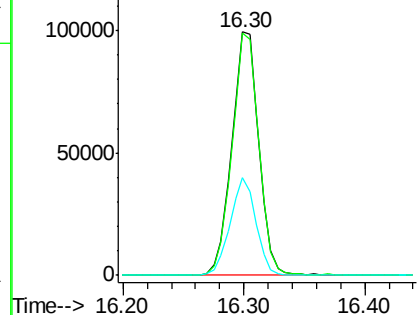
#41
 2,4,6-Tribromophenol
 Concen: 141.98 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BG021747.D
 Acq: 18 Apr 2016 23:37

Instrument :
 BNA_G
 ClientSampleId :
 B5(15-17)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.3	78.0	117.0
141	38.6	33.8	50.8

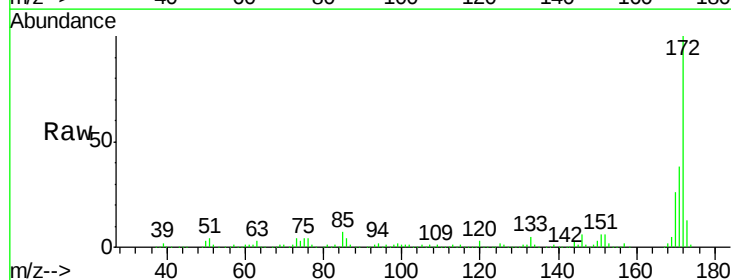


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

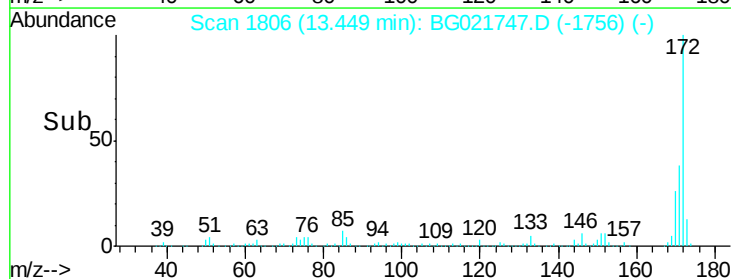
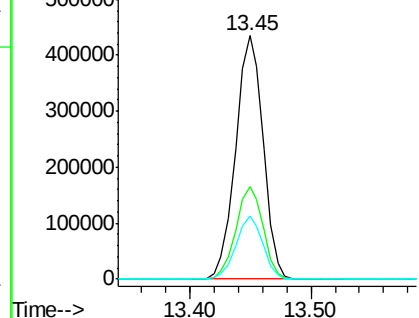


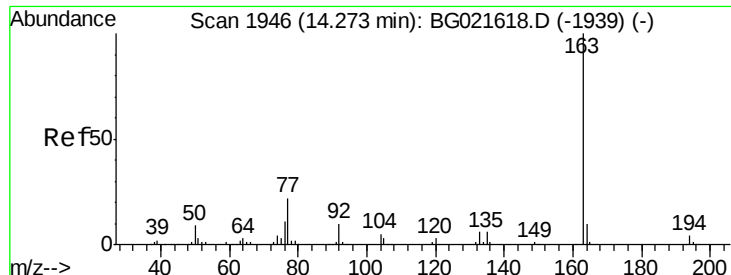
#44
 2-Fluorobiphenyl
 Concen: 99.71 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. -0.01 min
 Lab File: BG021747.D
 Acq: 18 Apr 2016 23:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	27.8	41.6
170	25.7	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: 8.54 ng

RT: 14.26 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG021747.D

Acq: 18 Apr 2016 23:37

Instrument :

BNA_G

ClientSampleId :

B5(15-17)

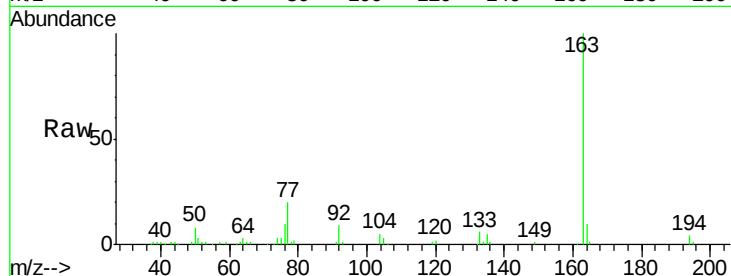
Tgt Ion:163 Resp: 74494

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

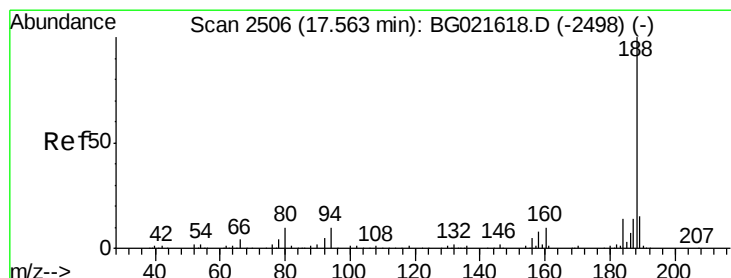
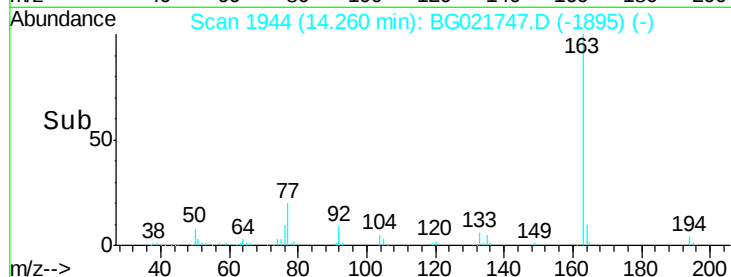
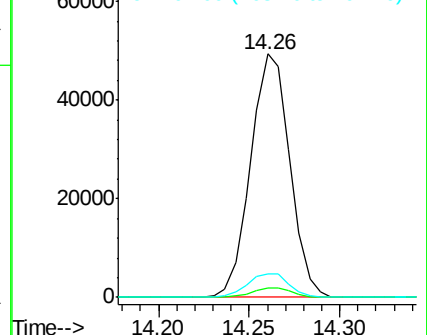
164 9.8 8.1 12.1



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: BG021747.D

Acq: 18 Apr 2016 23:37

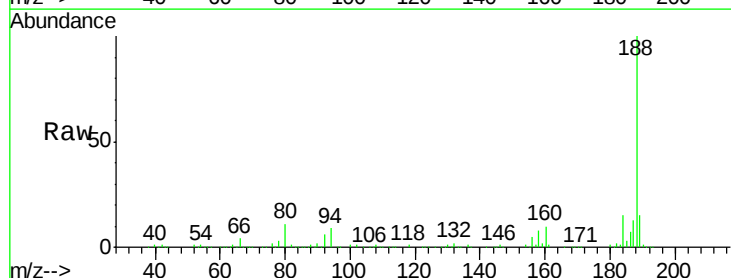
Tgt Ion:188 Resp: 193030

Ion Ratio Lower Upper

188 100

94 8.8 7.5 11.3

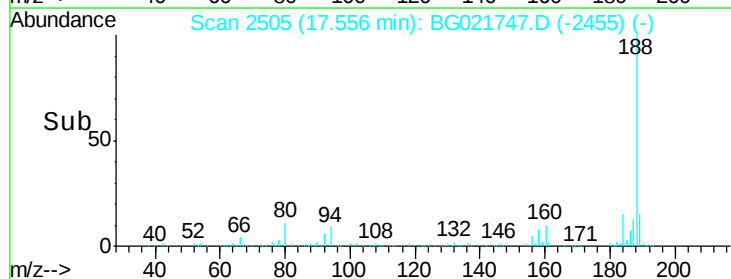
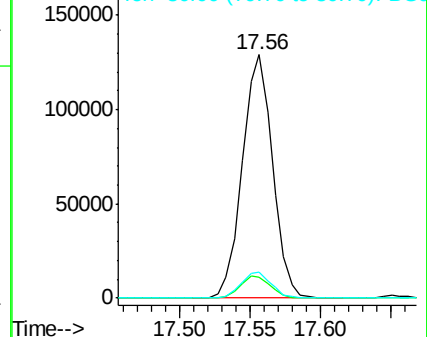
80 10.5 8.6 13.0

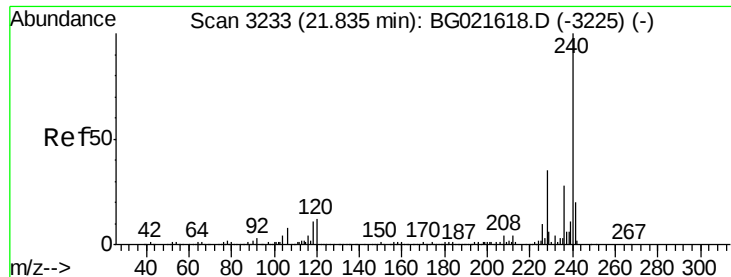


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG021747.D

Acq: 18 Apr 2016 23:37

Instrument :

BNA_G

ClientSampleId :

B5(15-17)

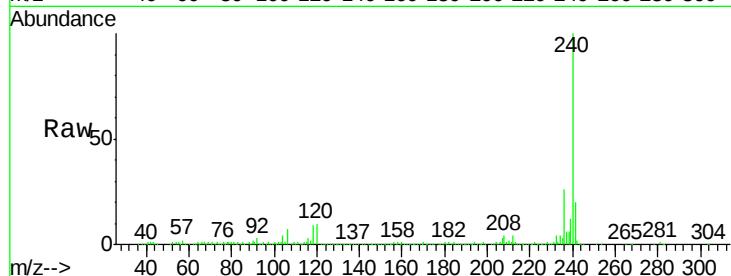
Tgt Ion:240 Resp: 223204

Ion Ratio Lower Upper

240 100

120 9.8 8.4 12.6

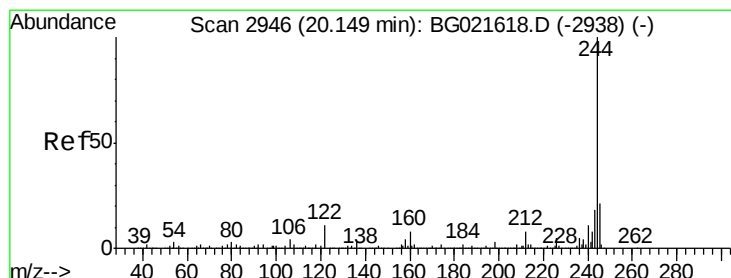
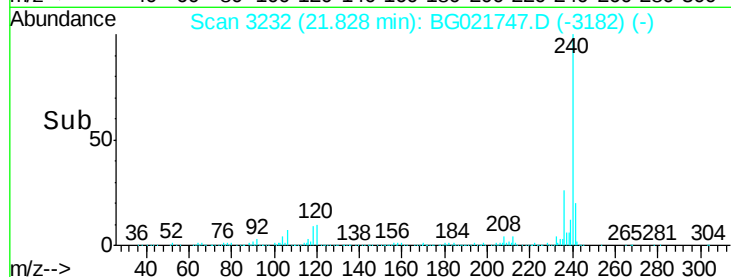
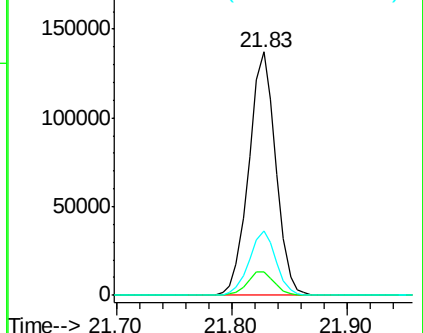
236 26.3 19.6 29.4



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: 89.01 ng

RT: 20.14 min Scan# 2945

Delta R.T. -0.01 min

Lab File: BG021747.D

Acq: 18 Apr 2016 23:37

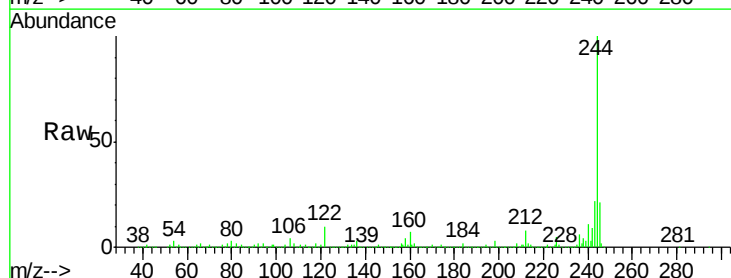
Tgt Ion:244 Resp: 796251

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

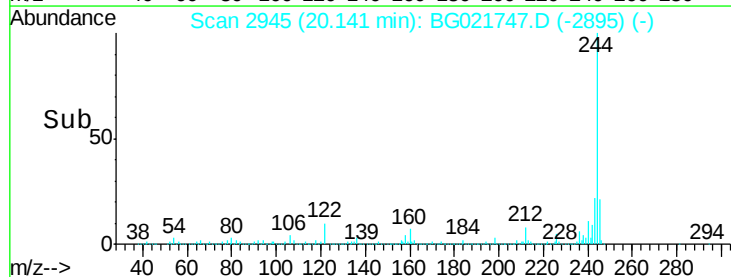
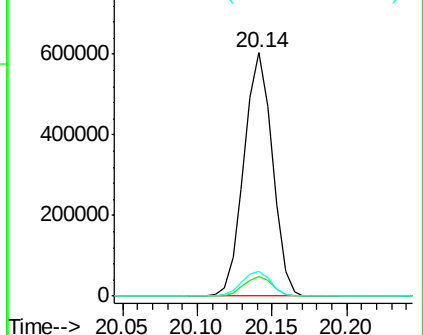
122 10.3 8.6 12.8

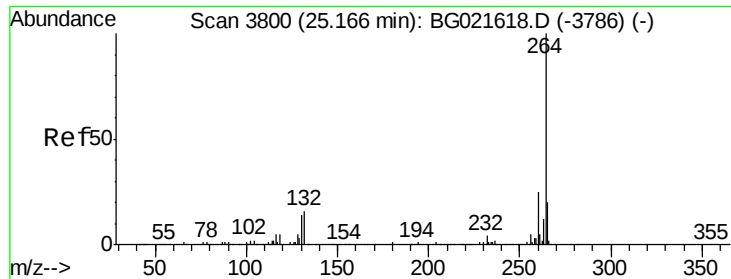


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.16 min Scan# 3799
 Delta R.T. -0.01 min
 Lab File: BG021747.D
 Acq: 18 Apr 2016 23:37

Instrument :
 BNA_G
 ClientSampleId :
 B5(15-17)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.2	30.4
265	23.3	17.8	26.8

