

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041916\
 Data File : BG021749.D
 Acq On : 19 Apr 2016 00:57
 Operator : UM/SJ
 Sample : H2537-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B8(15-17)

Quant Time: Apr 19 03:39:59 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

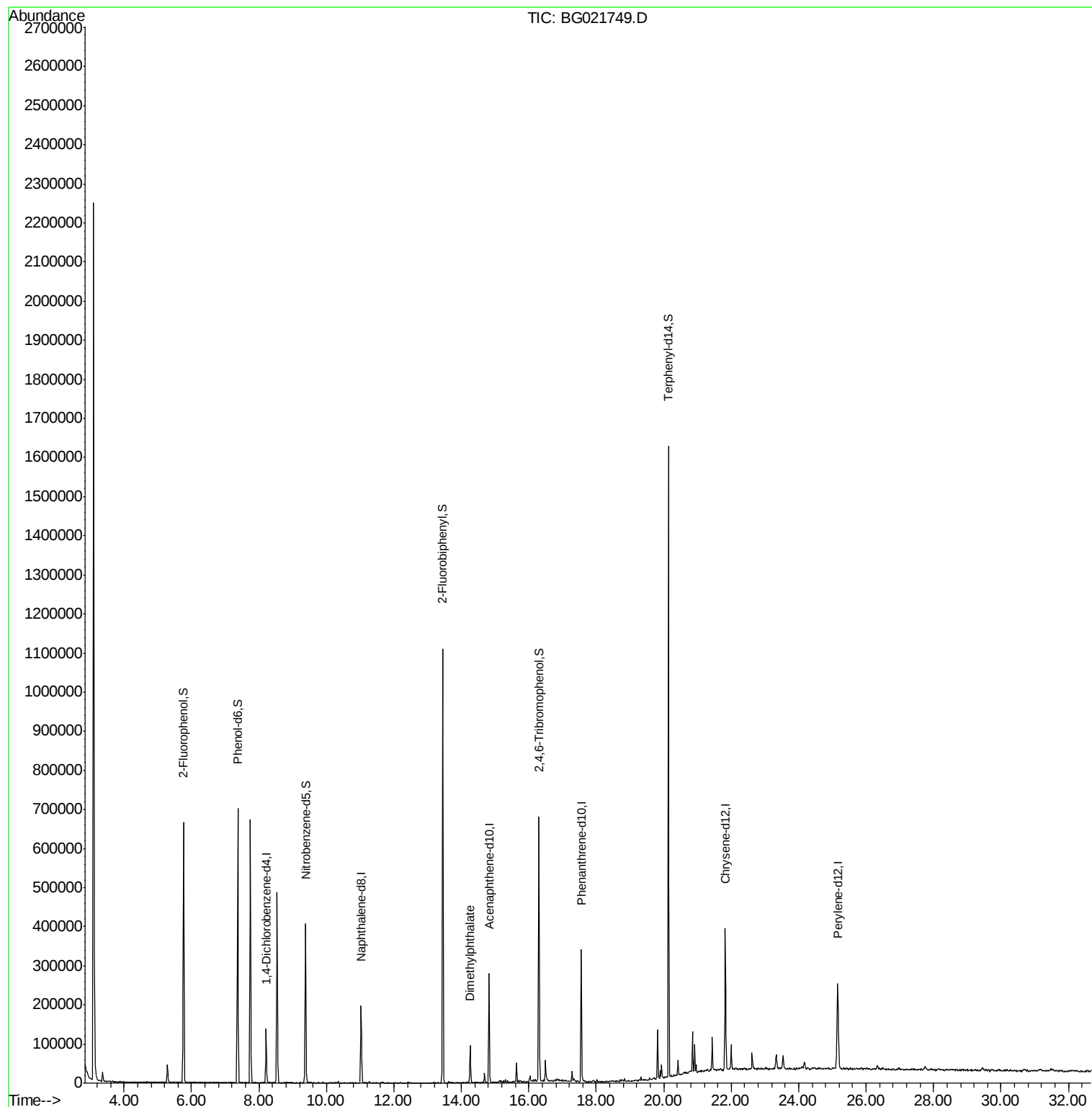
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	38182	20.00	ng	-0.01
21) Naphthalene-d8	11.03	136	171298	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	96526	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	201587	20.00	ng	0.00
75) Chrysene-d12	21.83	240	231558	20.00	ng	0.00
86) Perylene-d12	25.16	264	227457	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	292132	127.41	ng	0.00
7) Phenol-d6	7.37	99	421788	123.15	ng	0.01
23) Nitrobenzene-d5	9.38	82	261404	78.44	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	128819	123.83	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	564261	85.65	ng	0.00
78) Terphenyl-d14	20.14	244	702937	75.75	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.26	163	63261	7.58	ng	Qvalue 98

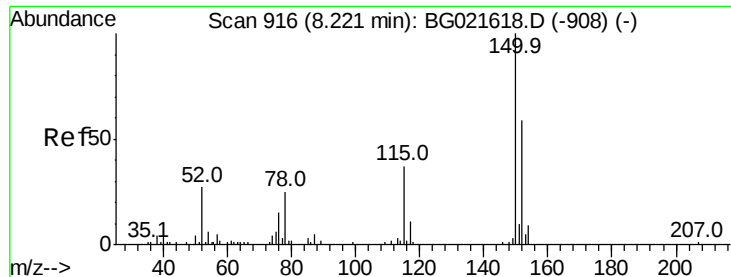
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG021749.D

Acq: 19 Apr 2016 00:57

Instrument :

BNA_G

ClientSampled :

B8(15-17)

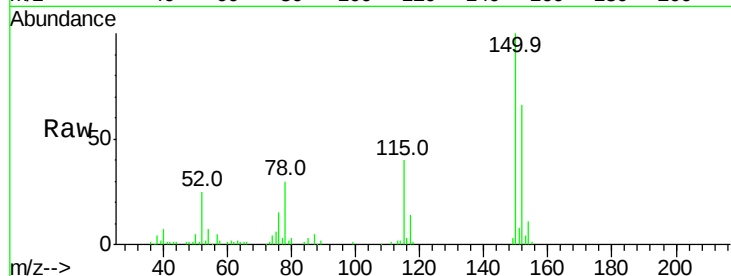
Tot Ion:152 Resp: 38182

Ion Ratio Lower Upper

152 100

150 151.7 130.1 195.1

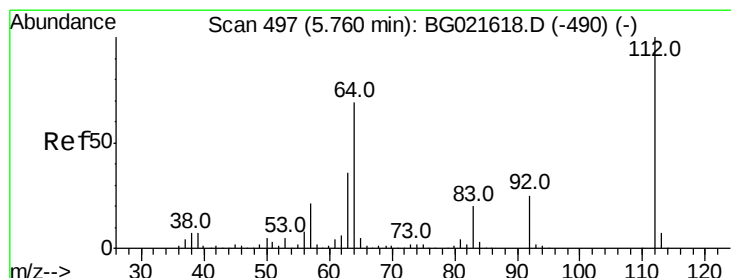
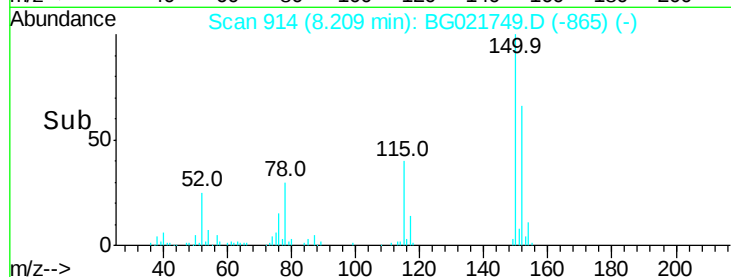
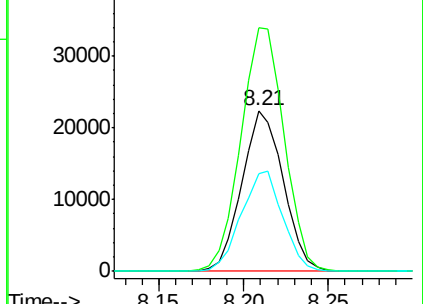
115 60.7 62.2 93.2#



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: 127.41 ng

RT: 5.76 min Scan# 498

Delta R.T. 0.01 min

Lab File: BG021749.D

Acq: 19 Apr 2016 00:57

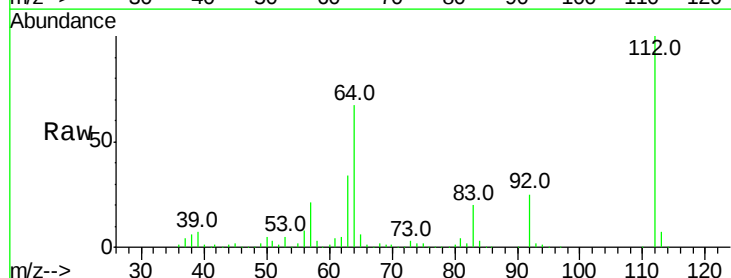
Tgt Ion:112 Resp: 292132

Ion Ratio Lower Upper

112 100

64 67.4 51.1 76.7

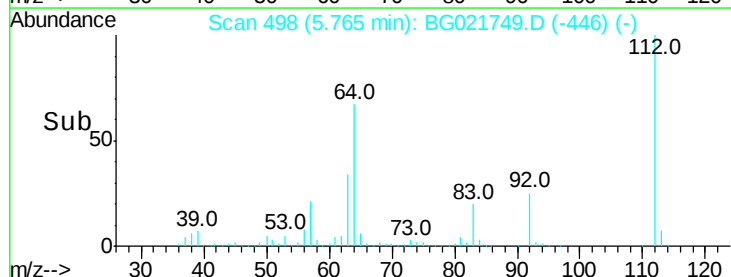
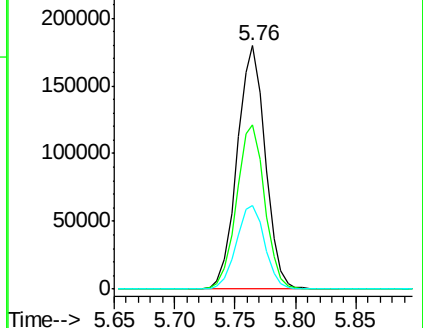
63 34.3 24.6 37.0

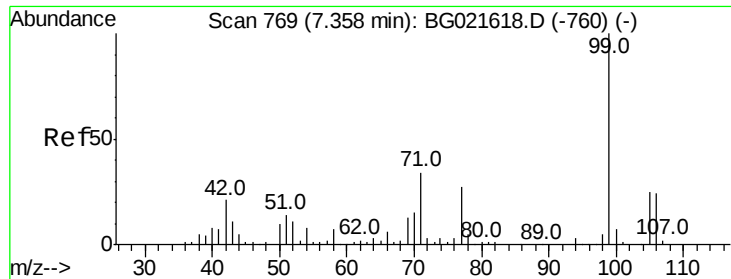


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 123.15 ng

RT: 7.37 min Scan# 771

Delta R.T. 0.01 min

Lab File: BG021749.D

Acq: 19 Apr 2016 00:57

Instrument :

BNA_G

ClientSampleId :

B8(15-17)

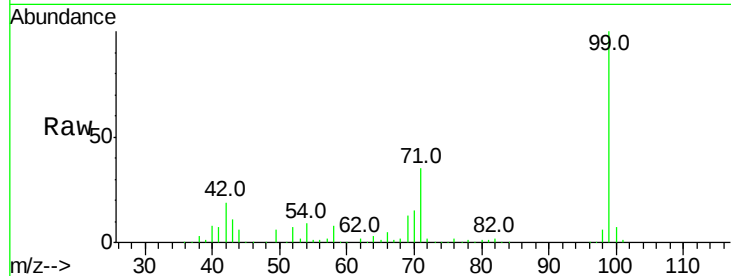
Tot Ion: 99 Resp: 421788

Ion Ratio Lower Upper

99 100

42 19.2 16.4 24.6

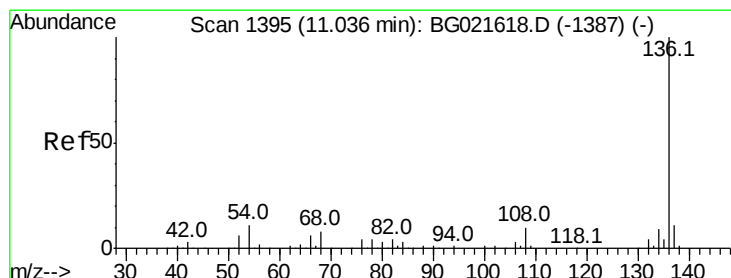
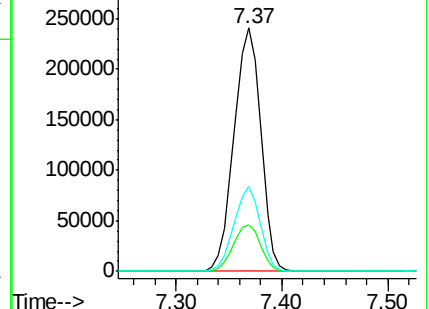
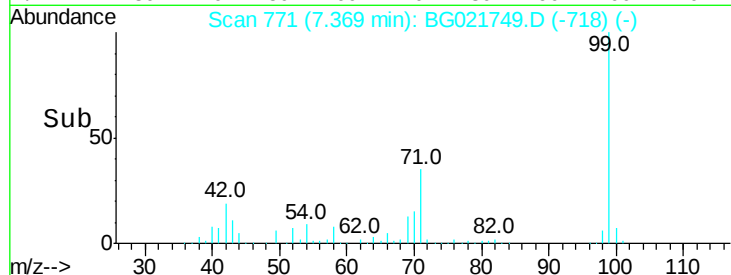
71 34.7 25.0 37.4



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: BG021749.D

Acq: 19 Apr 2016 00:57

Tgt Ion: 136 Resp: 171298

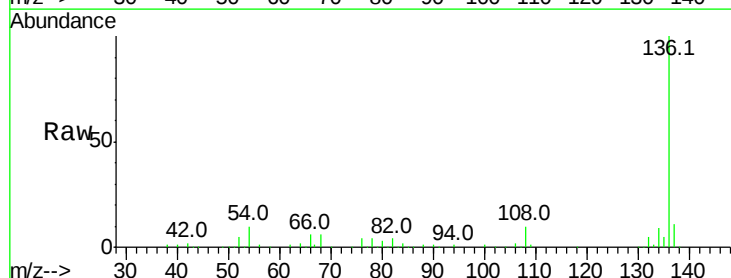
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 10.0 9.6 14.4

68 6.3 6.4 9.6#

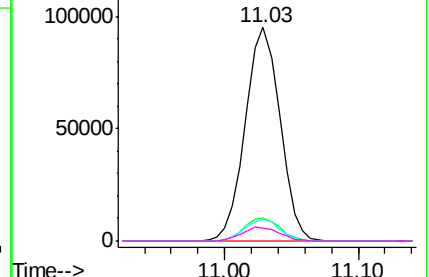
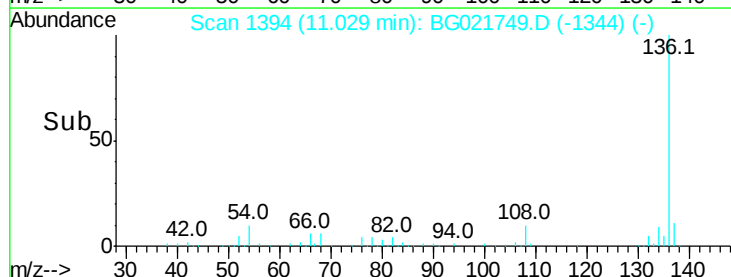


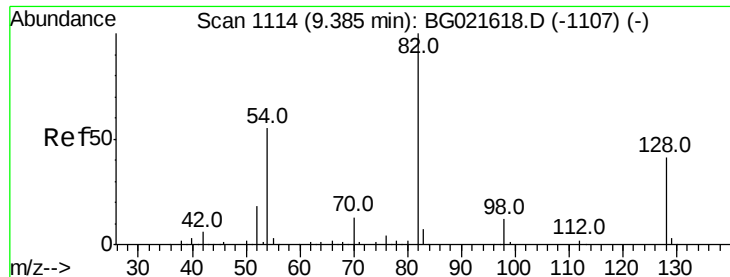
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

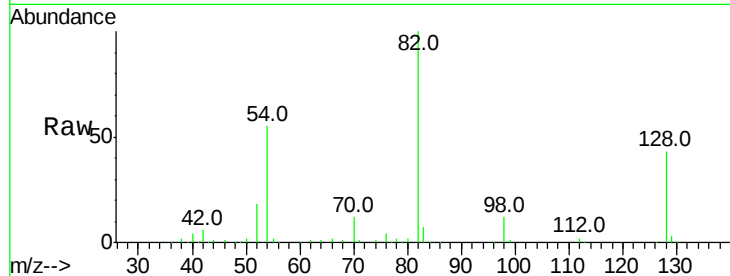




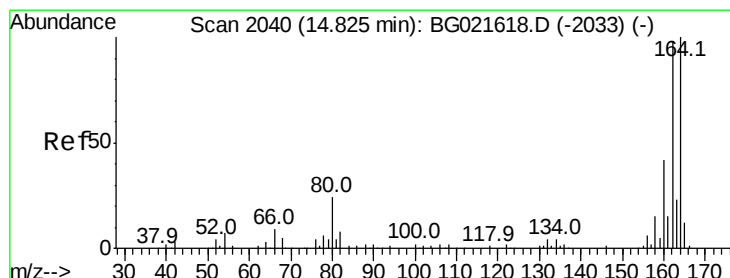
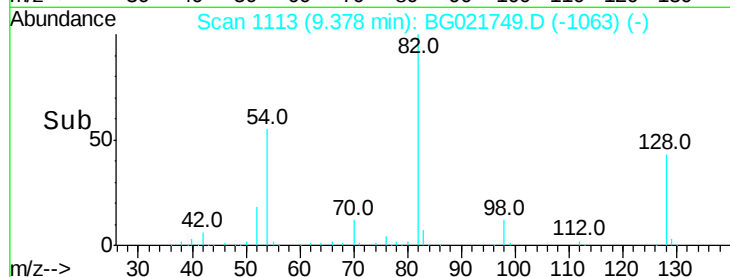
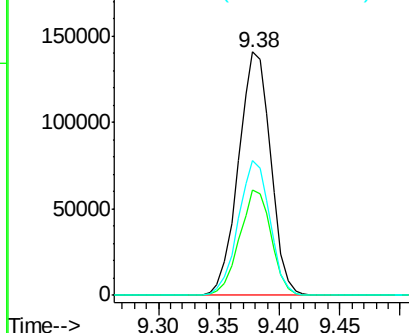
#23
 Nitrobenzene-d5
 Concen: 78.44 ng
 RT: 9.38 min Scan# 1113
 Delta R.T. -0.01 min
 Lab File: BG021749.D
 Acq: 19 Apr 2016 00:57

Instrument :
 BNA_G
 ClientSampleId :
 B8(15-17)

Tot Ion: 82 Resp: 261404
 Ion Ratio Lower Upper
 82 100
 128 43.2 33.4 50.0
 54 55.3 46.1 69.1

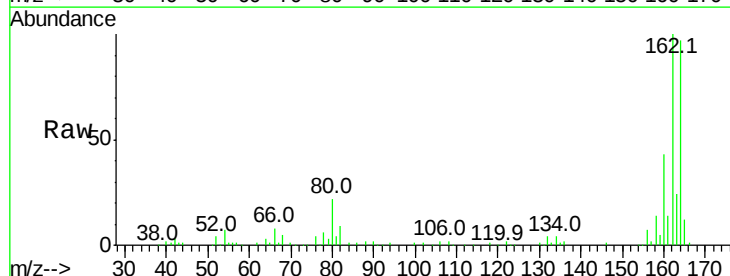


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

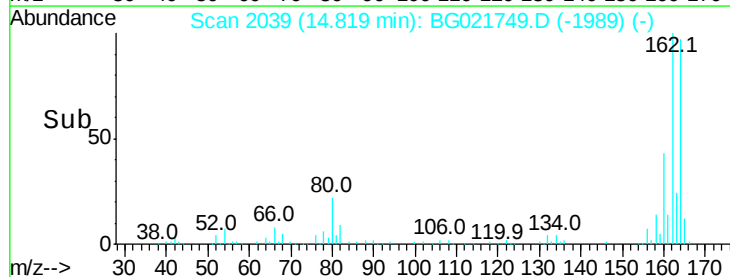
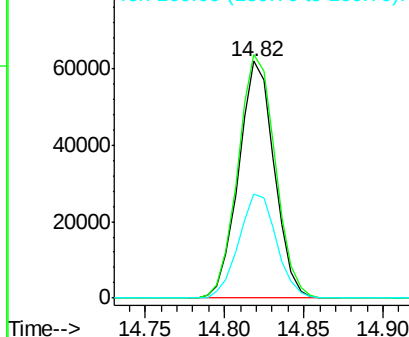


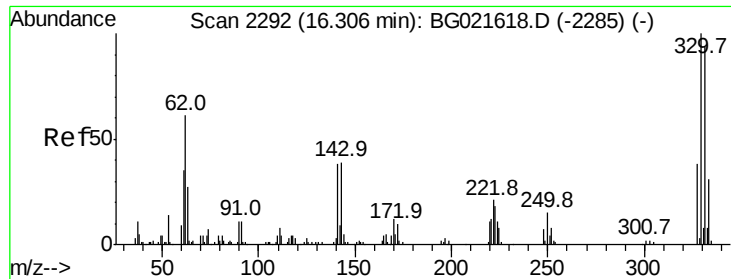
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.82 min Scan# 2039
 Delta R.T. -0.01 min
 Lab File: BG021749.D
 Acq: 19 Apr 2016 00:57

Tgt Ion: 164 Resp: 96526
 Ion Ratio Lower Upper
 164 100
 162 102.9 78.0 117.0
 160 44.1 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

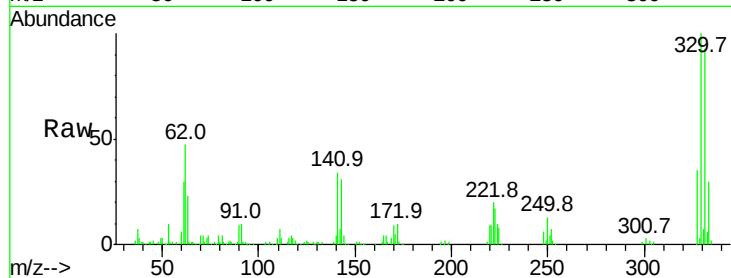




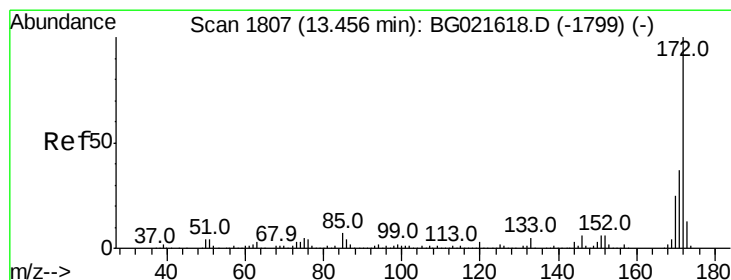
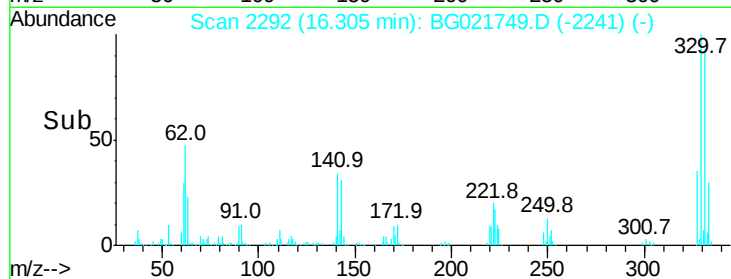
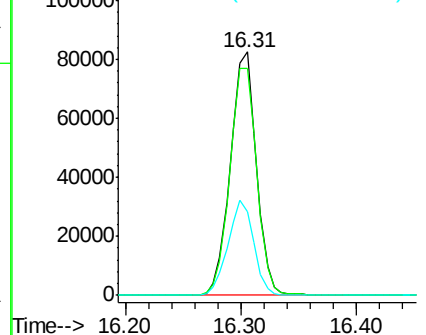
#41
 2,4,6-Tribromophenol
 Concen: 123.83 ng
 RT: 16.31 min Scan# 2292
 Delta R.T. -0.00 min
 Lab File: BG021749.D
 Acq: 19 Apr 2016 00:57

Instrument :
 BNA_G
 ClientSampleId :
 B8(15-17)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	78.0	117.0
141	38.5	33.8	50.8

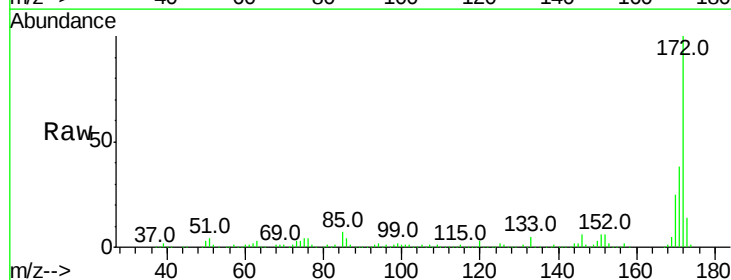


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

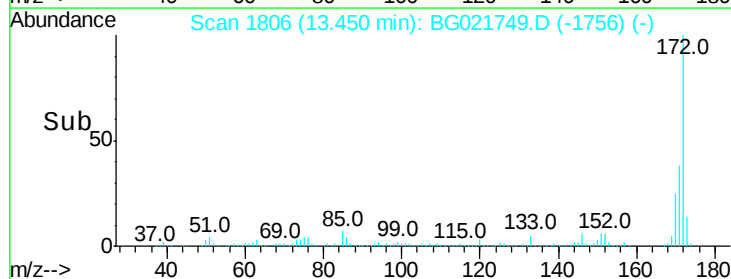
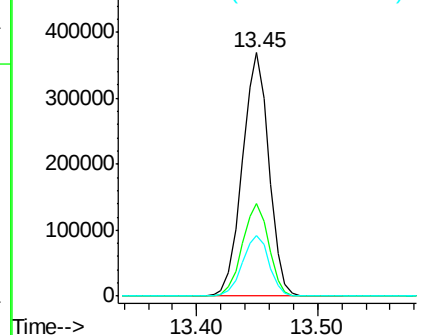


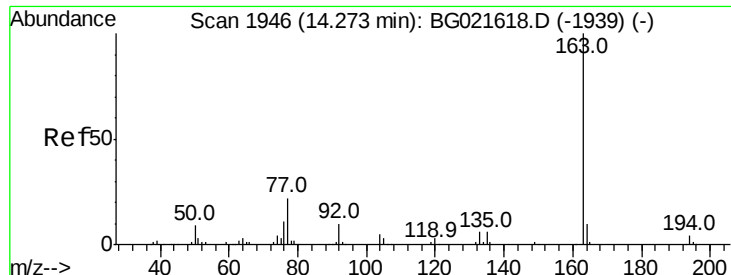
#44
 2-Fluorobiphenyl
 Concen: 85.65 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. -0.01 min
 Lab File: BG021749.D
 Acq: 19 Apr 2016 00:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	27.8	41.6
170	24.9	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: 7.58 ng

RT: 14.26 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG021749.D

Acq: 19 Apr 2016 00:57

Instrument :

BNA_G

ClientSampleId :

B8(15-17)

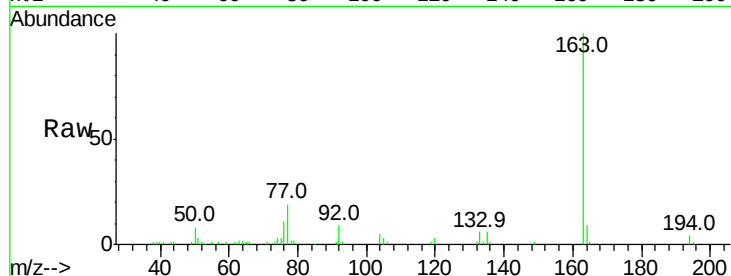
Tot Ion:163 Resp: 63261

Ion Ratio Lower Upper

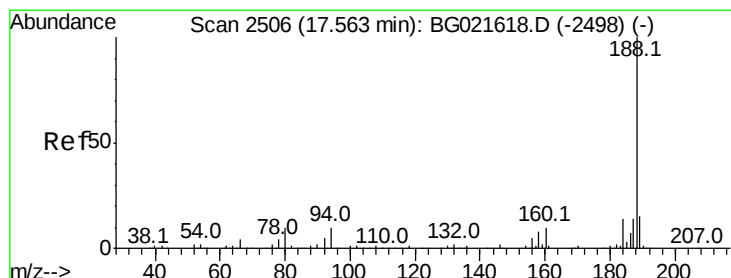
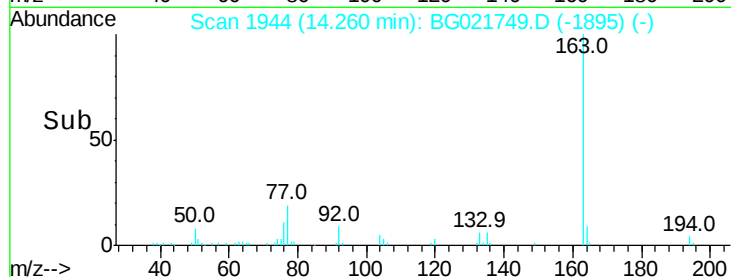
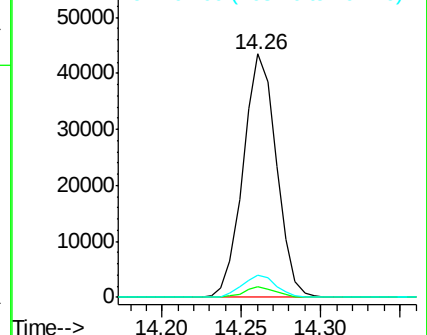
163 100

194 4.1 3.0 4.6

164 9.4 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: BG021749.D

Acq: 19 Apr 2016 00:57

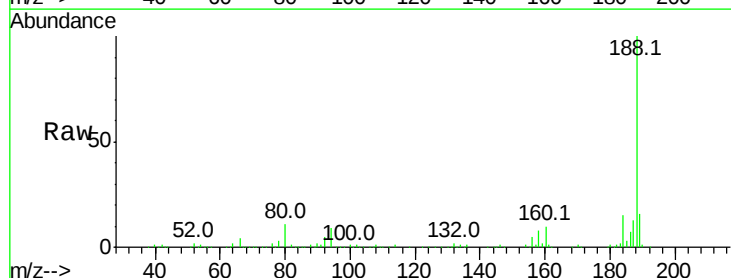
Tgt Ion:188 Resp: 201587

Ion Ratio Lower Upper

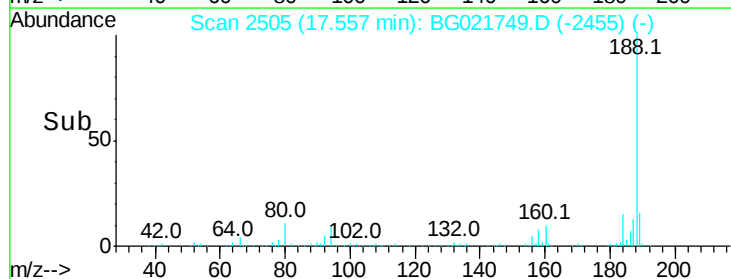
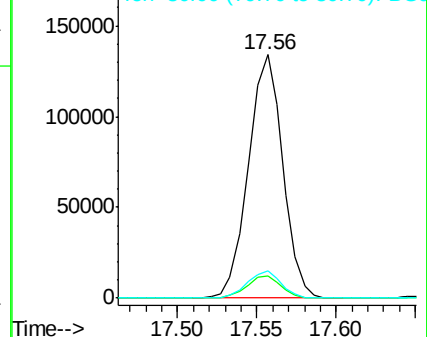
188 100

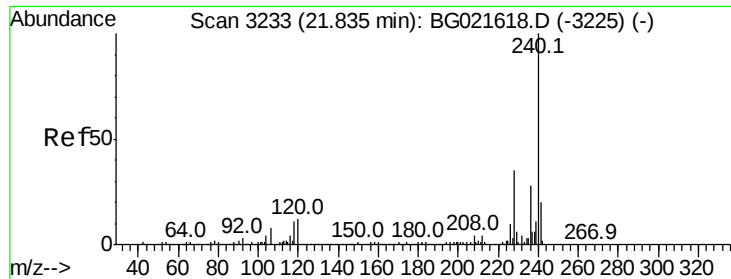
94 9.0 7.5 11.3

80 11.2 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: BG021749.D

Acq: 19 Apr 2016 00:57

Instrument :

BNA_G

ClientSampleId :

B8(15-17)

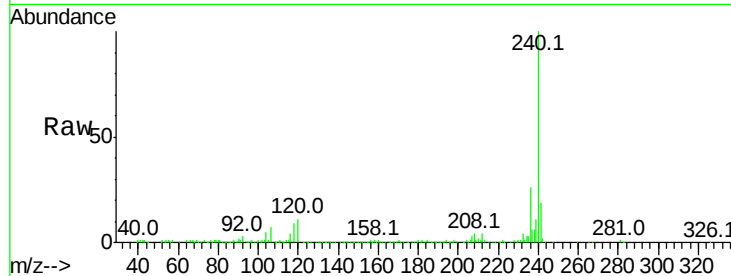
Tot Ion:240 Resp: 231558

Ion Ratio Lower Upper

240 100

120 10.7 8.4 12.6

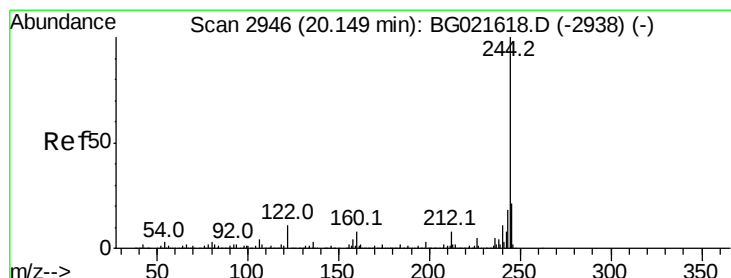
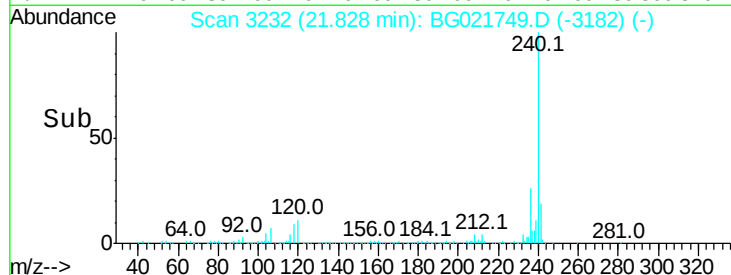
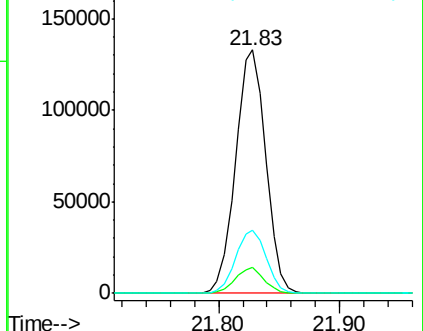
236 26.1 19.6 29.4



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: 75.75 ng

RT: 20.14 min Scan# 2945

Delta R.T. -0.01 min

Lab File: BG021749.D

Acq: 19 Apr 2016 00:57

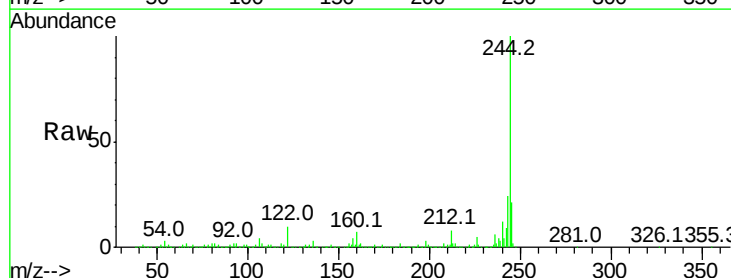
Tgt Ion:244 Resp: 702937

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

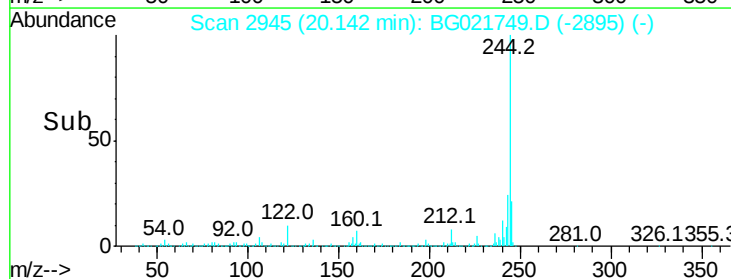
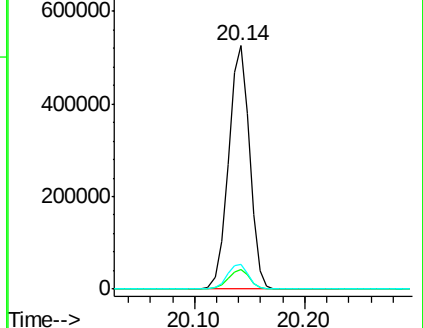
122 10.2 8.6 12.8

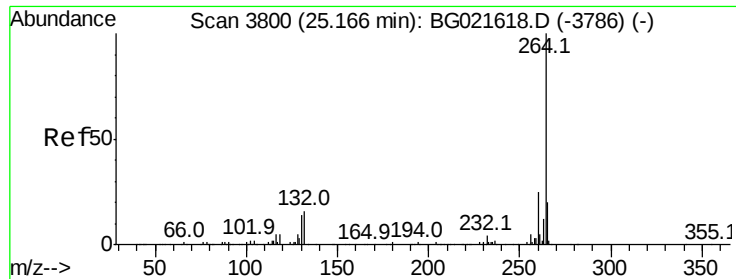


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG021749.D
 Acq: 19 Apr 2016 00:57

Instrument :
 BNA_G
 ClientSampleId :
 B8(15-17)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	20.2	30.4
265	22.0	17.8	26.8

