

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041916\
 Data File : BG021749.D
 Acq On : 19 Apr 2016 00:57
 Operator : UM/SJ
 Sample : H2537-05
 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

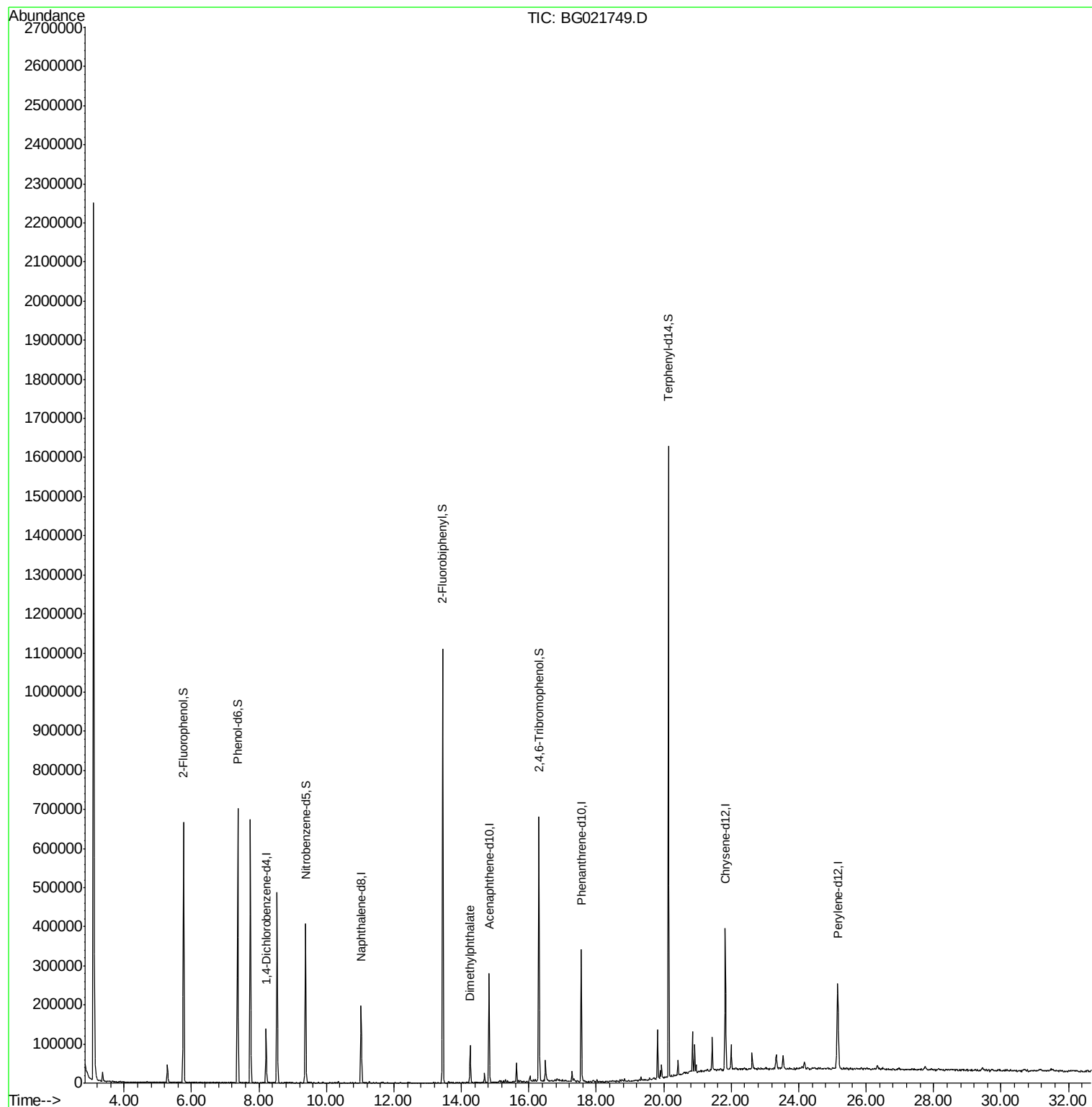
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	38182	20.00	ng	-0.01
21) Naphthalene-d8	11.03	136	171298	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	96526	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	201587	20.00	ng	0.00
75) Chrysene-d12	21.83	240	231558	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

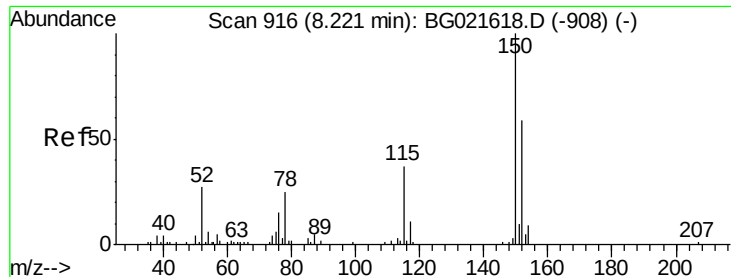
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

ClientSampleId :

B8(15-17)

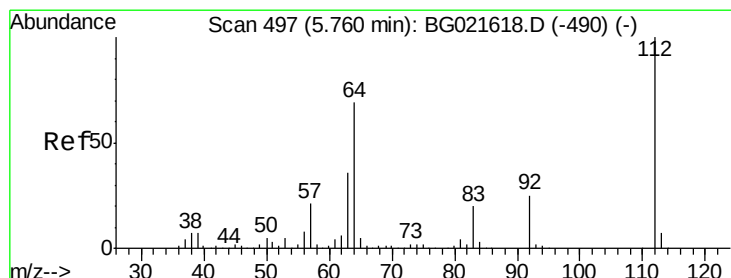
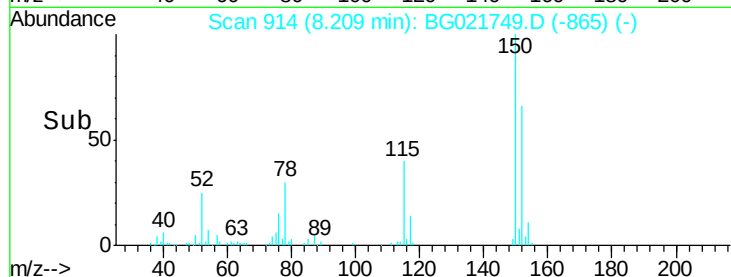
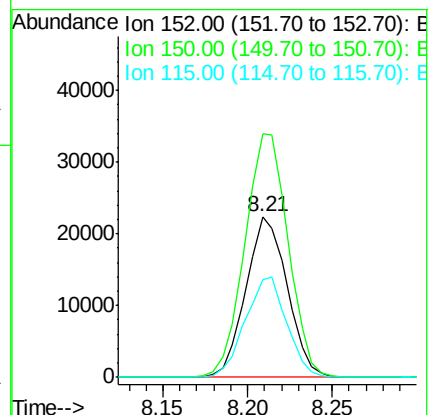
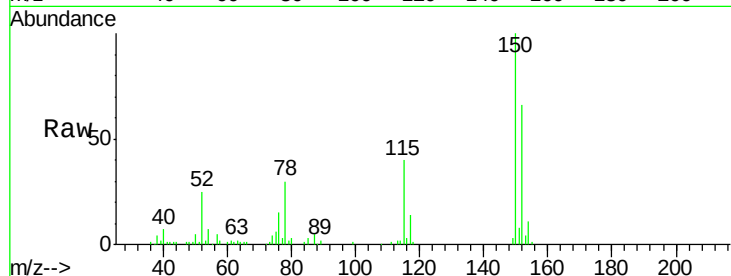
Tgt Ion:152 Resp: 38182

Ion Ratio Lower Upper

152 100

150 151.7 130.1 195.1

115 60.7 62.2 93.2#



#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

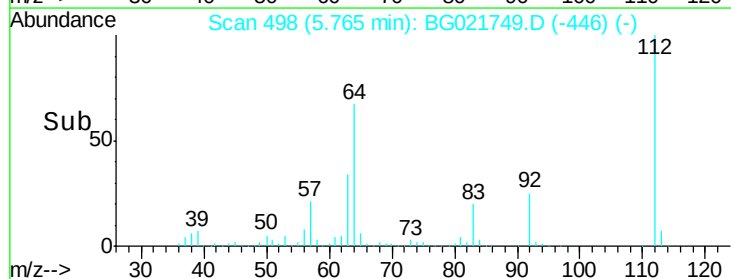
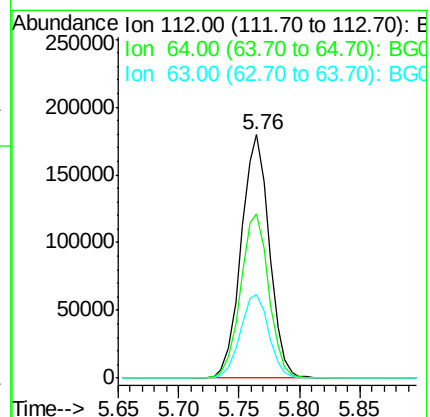
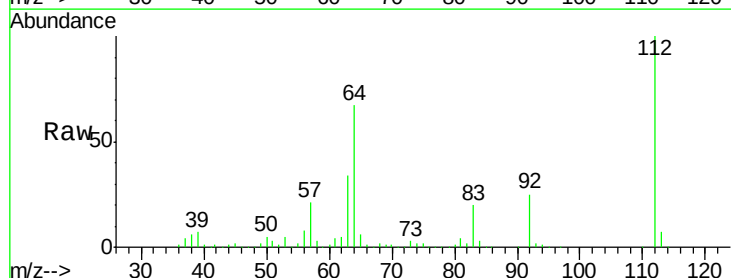
Tgt Ion:112 Resp: 292132

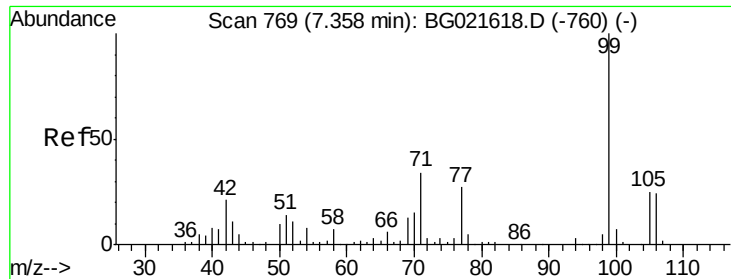
Ion Ratio Lower Upper

112 100

64 67.4 51.1 76.7

63 34.3 24.6 37.0





#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)

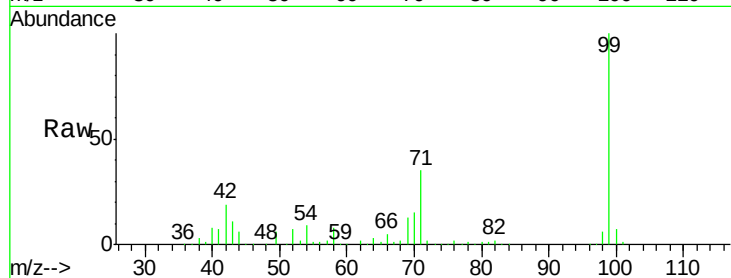
Tgt Ion: 99 Resp: 421788

Ion Ratio Lower Upper

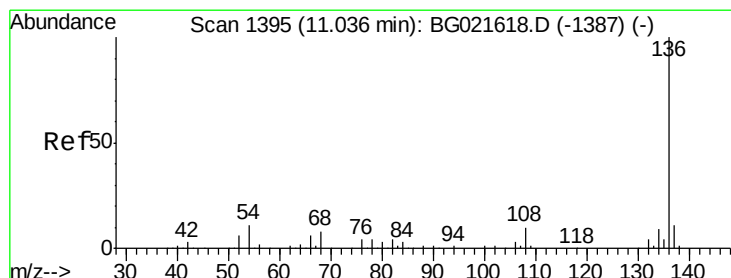
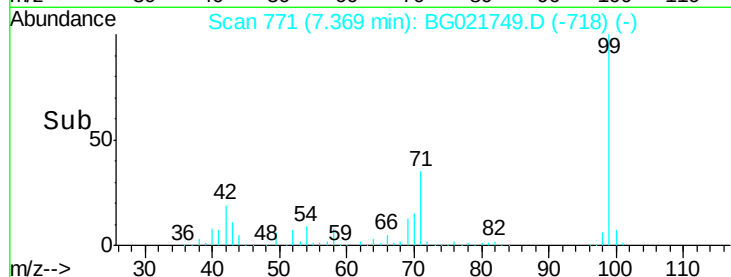
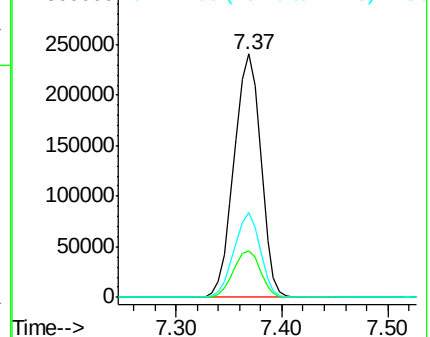
99 100

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

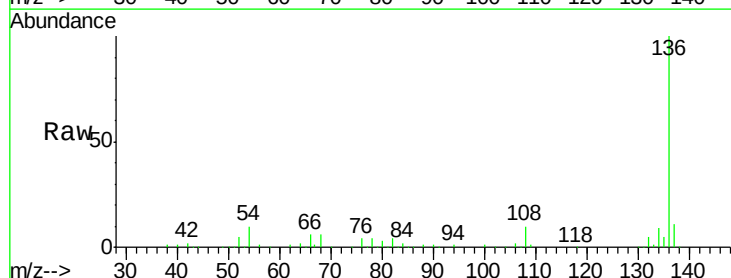
Ion Ratio Lower Upper

136 100

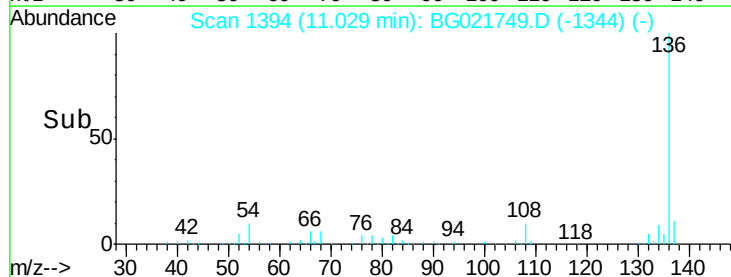
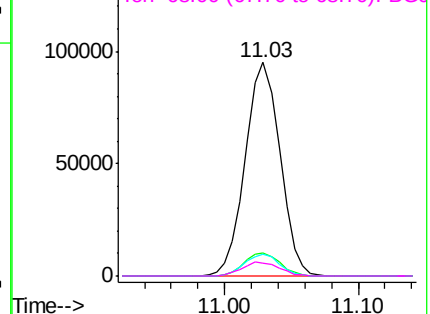
137 10.8 9.0 13.4

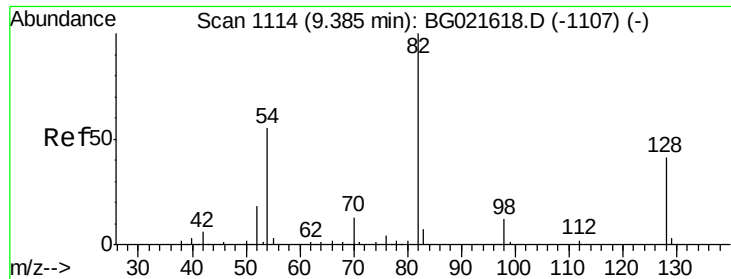
54 10.0 9.6 14.4

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

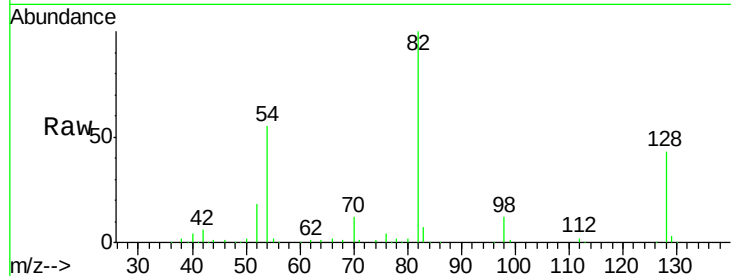




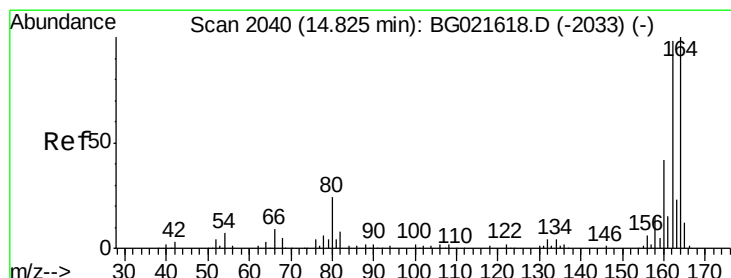
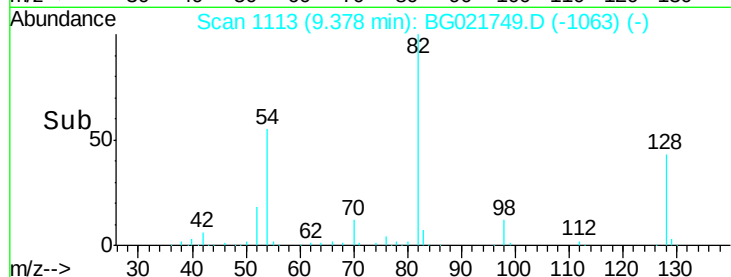
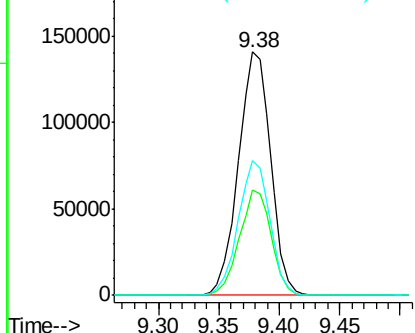
#23
 Nitrobenzene-d5
 Concen: 78.44 ng
 RT: 9.38 min Scan# 1113
 Delta R.T. -0.01 min
 Lab File: BG021749.D
 Acq: 19 Apr 2016 00:57

Instrument :
 BNA_G
 ClientSampleId :
 B8(15-17)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.2	33.4	50.0
54	55.3	46.1	69.1

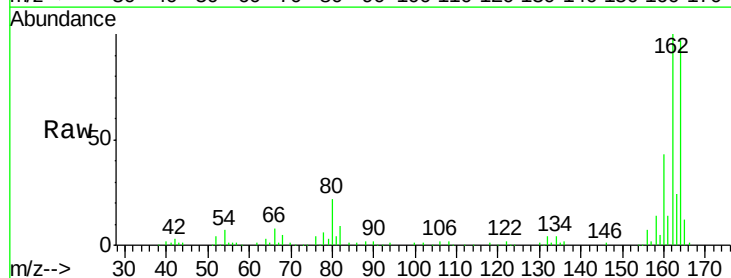


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

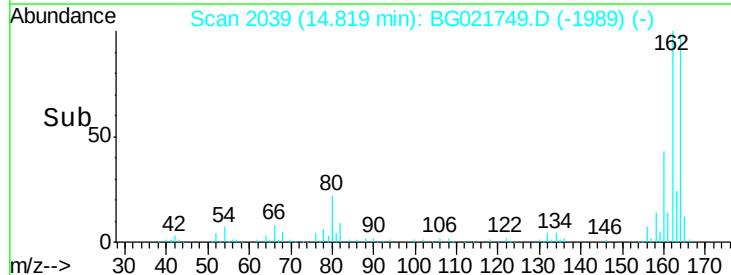
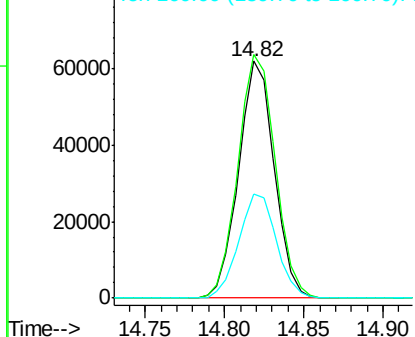


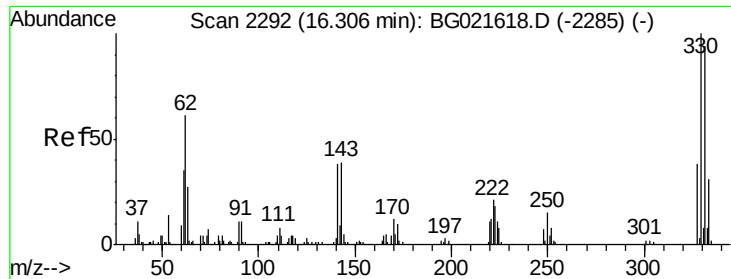
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.82 min Scan# 2039
 Delta R.T. -0.01 min
 Lab File: BG021749.D
 Acq: 19 Apr 2016 00:57

Tgt Ion	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)

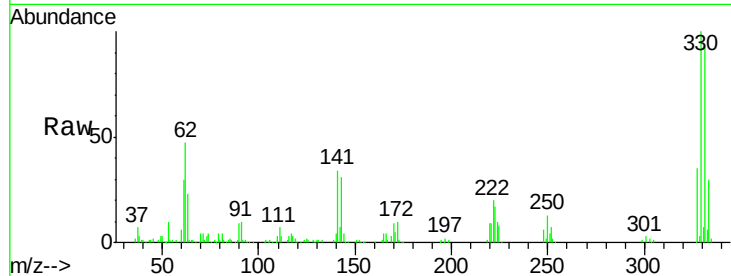
Tgt Ion:330 Resp: 128819

Ion Ratio Lower Upper

330 100

332 96.8 78.0 117.0

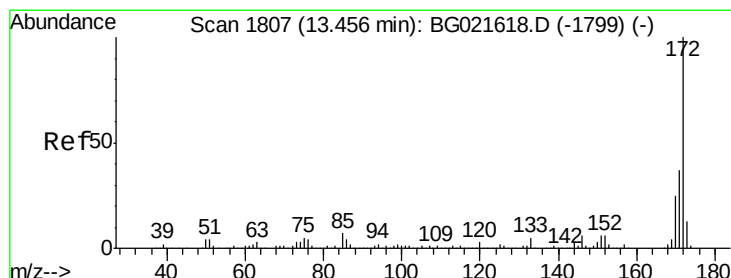
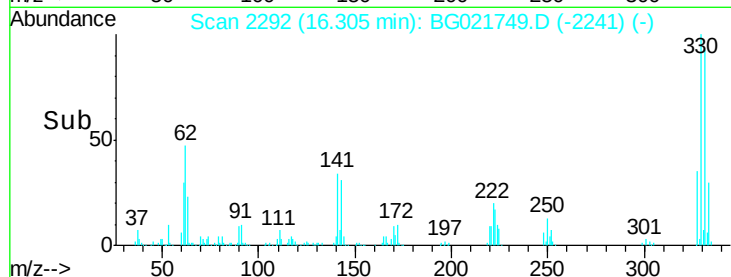
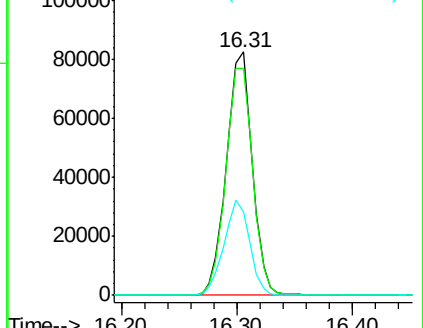
141 38.5 33.8 50.8



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

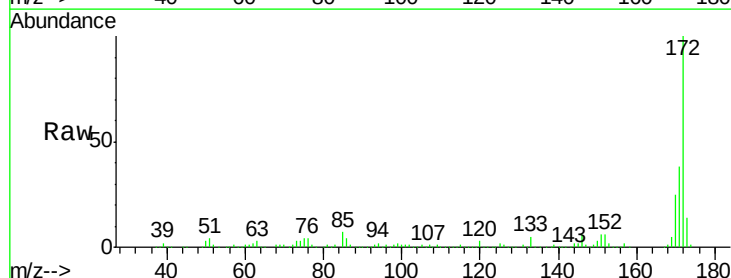
Tgt Ion:172 Resp: 564261

Ion Ratio Lower Upper

172 100

171 37.9 27.8 41.6

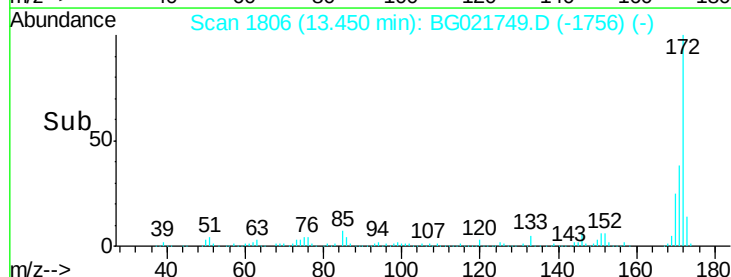
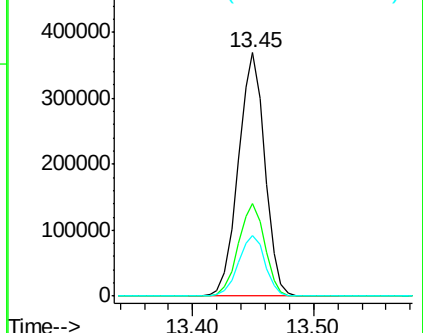
170 24.9 19.6 29.4

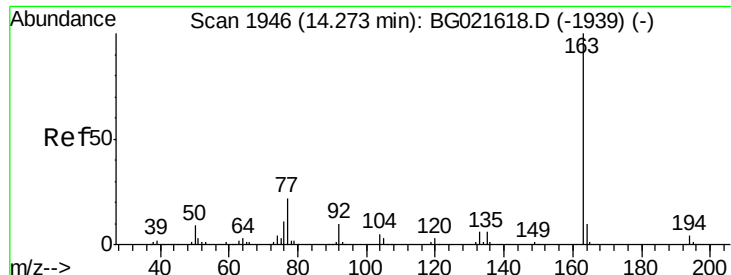


Abundance Ion 172.00 (171.70 to 172.70): E

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

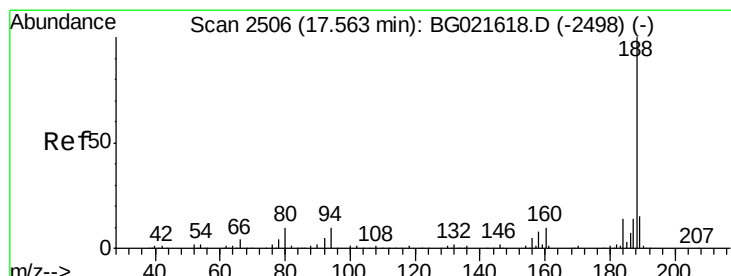
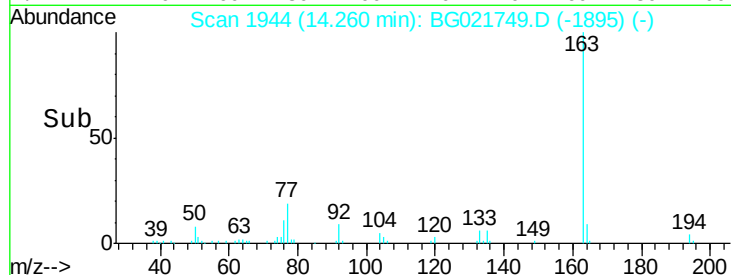
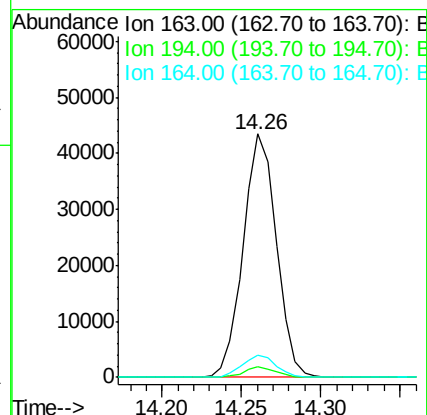
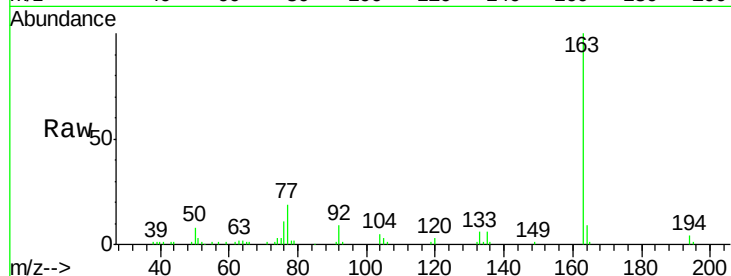
Instrument :

BNA_G

ClientSampleId :

B8(15-17)

Tgt Ion:	163	Resp:	63261
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.6
164	9.4	8.1	12.1



#63

Phenanthrene-d10

Concen: 20.00 ng

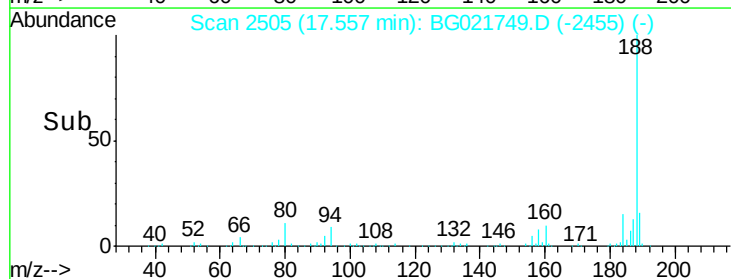
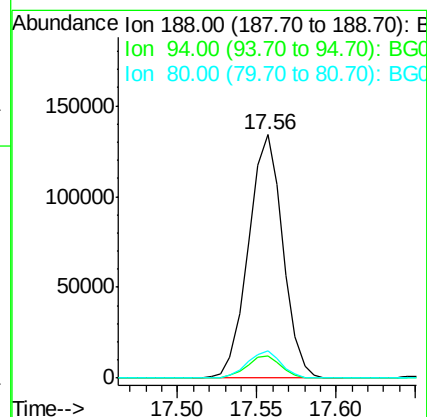
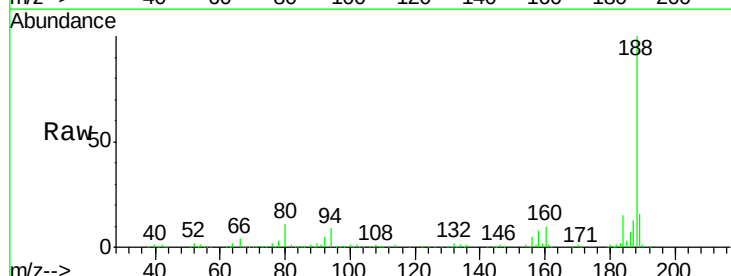
RT: 17.56 min Scan# 2505

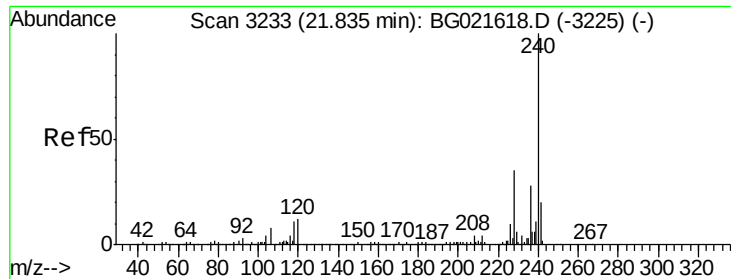
Delta R.T. -0.01 min

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





#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)

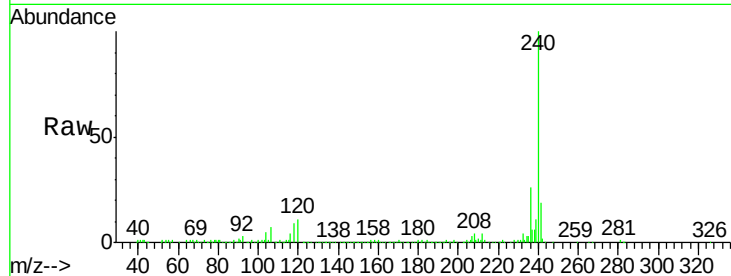
Tgt Ion:240 Resp: 231558

Ion Ratio Lower Upper

240 100

120 10.7 8.4 12.6

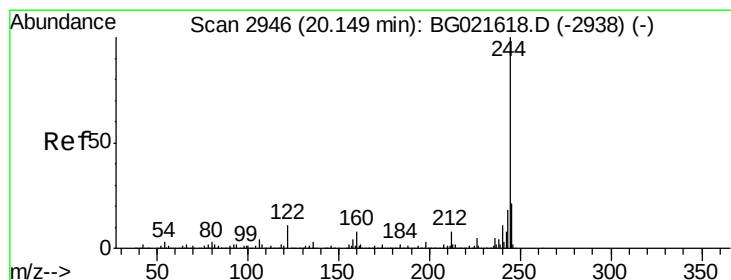
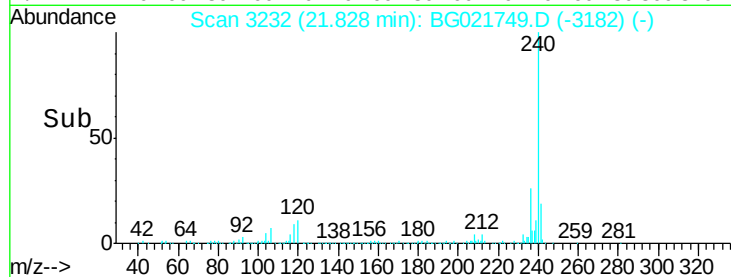
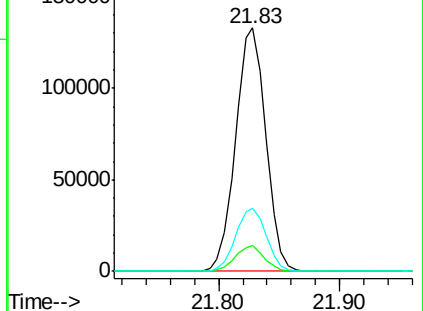
236 26.1 19.6 29.4



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

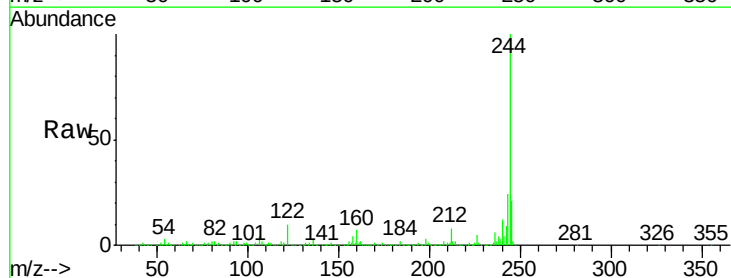
Tgt Ion:244 Resp: 702937

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

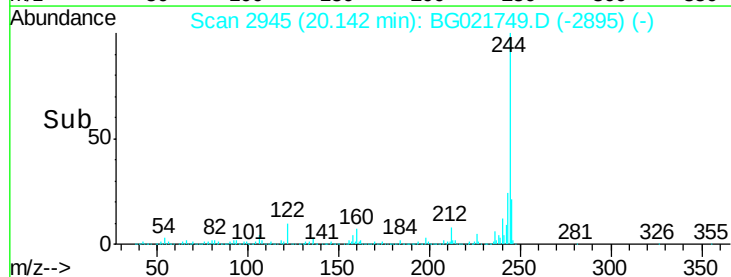
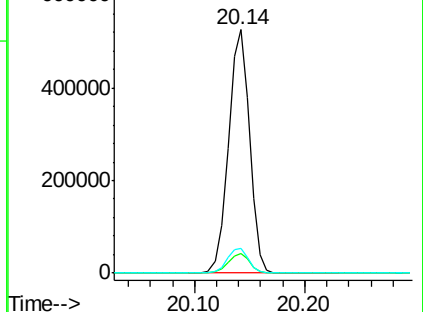
122 10.2 8.6 12.8

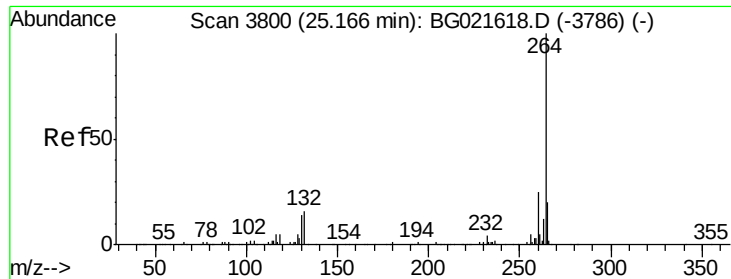


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-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)

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

