

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041916\
 Data File : BG021748.D
 Acq On : 19 Apr 2016 00:17
 Operator : UM/SJ
 Sample : H2537-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B6(15-17)

Quant Time: Apr 19 03:39:46 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

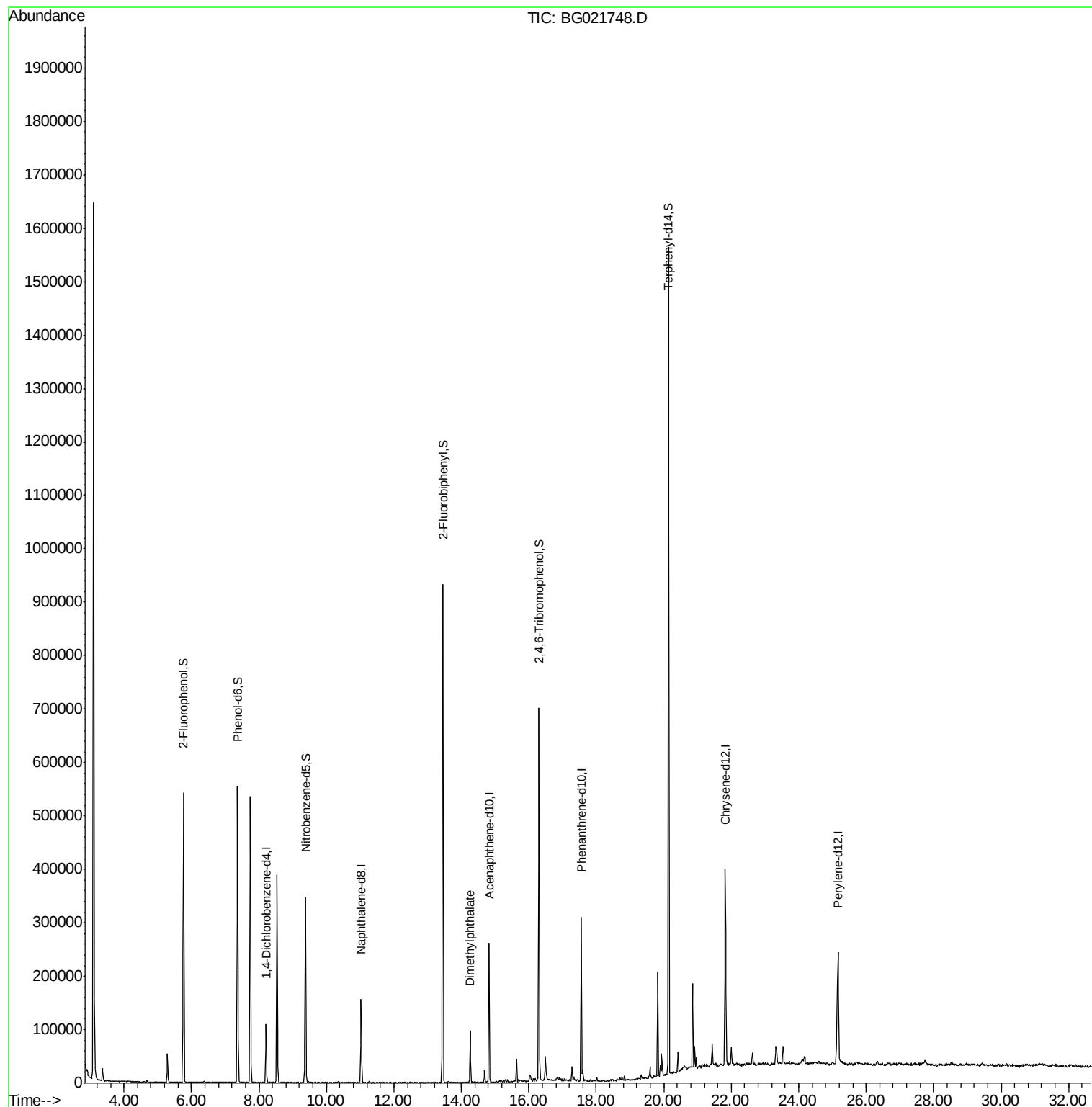
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	31160	20.00	ng	-0.01
21) Naphthalene-d8	11.03	136	138332	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	89327	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	198427	20.00	ng	-0.01
75) Chrysene-d12	21.82	240	217360	20.00	ng	-0.01
86) Perylene-d12	25.16	264	215561	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	237734	127.05	ng	0.00
7) Phenol-d6	7.36	99	344623	123.30	ng	0.00
23) Nitrobenzene-d5	9.38	82	215362	80.02	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	132691	137.83	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	503396	82.57	ng	0.00
78) Terphenyl-d14	20.14	244	701821	80.57	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.26	163	64671	8.37	ng	99

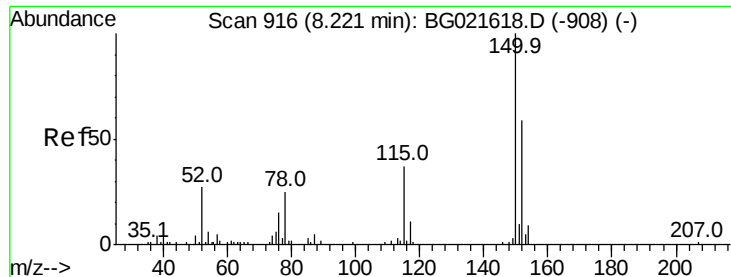
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG021748.D

Acq: 19 Apr 2016 00:17

Instrument :

BNA_G

ClientSampleId :

B6(15-17)

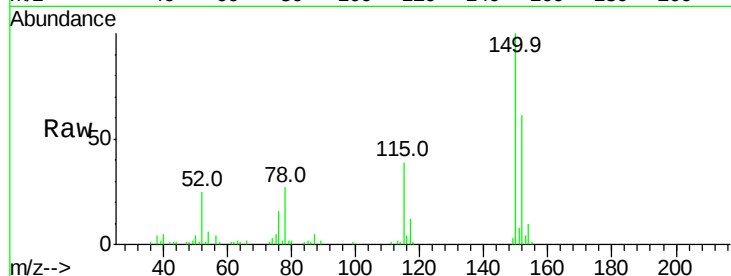
Tot Ion:152 Resp: 31160

Ion Ratio Lower Upper

152 100

150 162.9 130.1 195.1

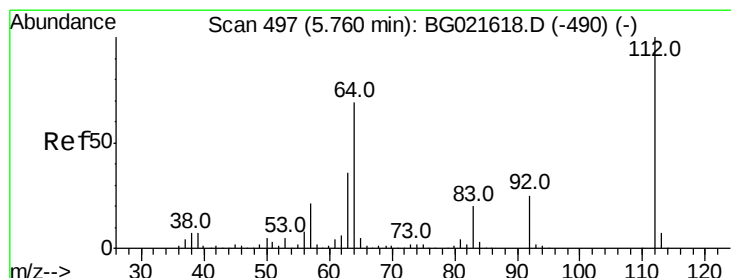
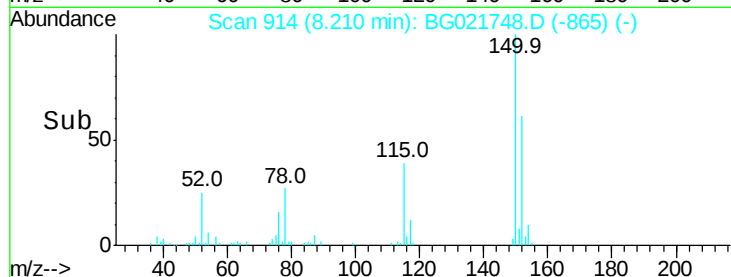
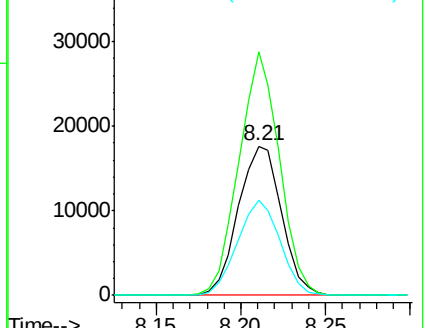
115 63.8 62.2 93.2



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: 127.05 ng

RT: 5.76 min Scan# 497

Delta R.T. 0.00 min

Lab File: BG021748.D

Acq: 19 Apr 2016 00:17

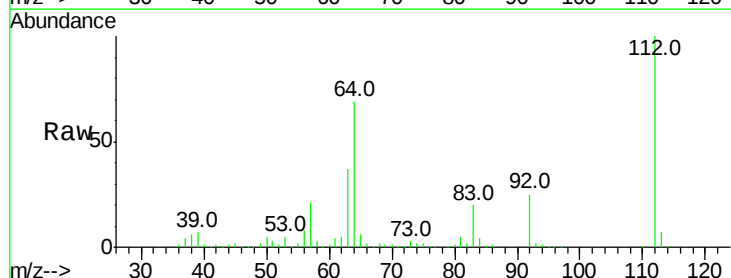
Tgt Ion:112 Resp: 237734

Ion Ratio Lower Upper

112 100

64 69.2 51.1 76.7

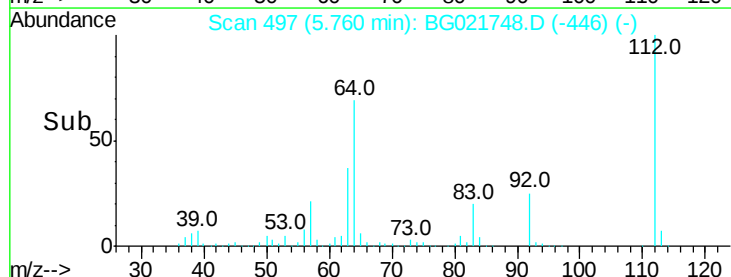
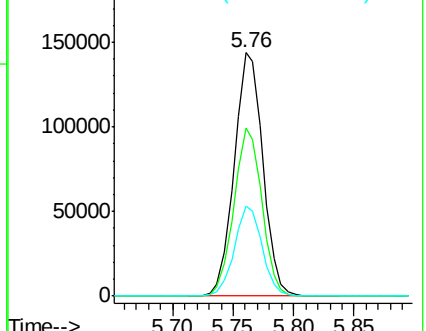
63 37.2 24.6 37.0#

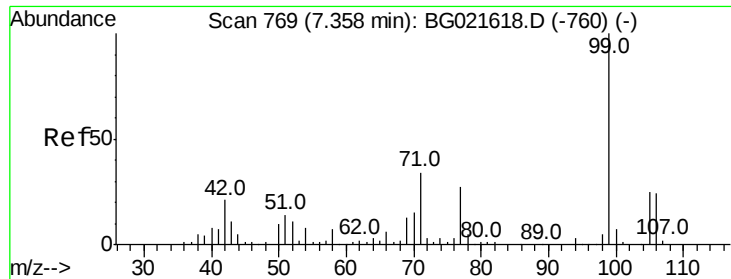


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 123.30 ng

RT: 7.36 min Scan# 770

Delta R.T. 0.01 min

Lab File: BG021748.D

Acq: 19 Apr 2016 00:17

Instrument :

BNA_G

ClientSampleId :

B6(15-17)

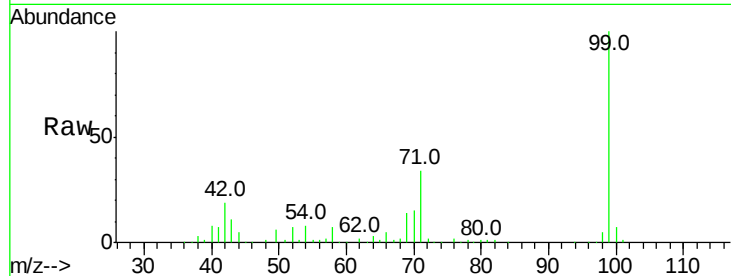
Tot Ion: 99 Resp: 344623

Ion Ratio Lower Upper

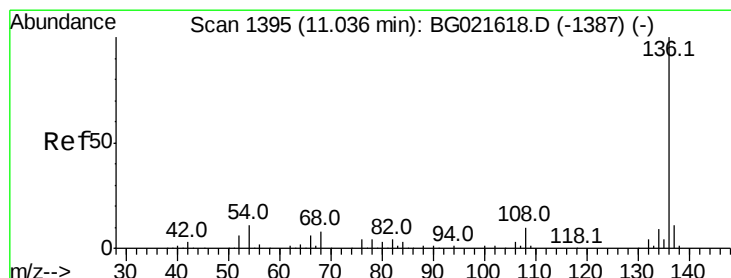
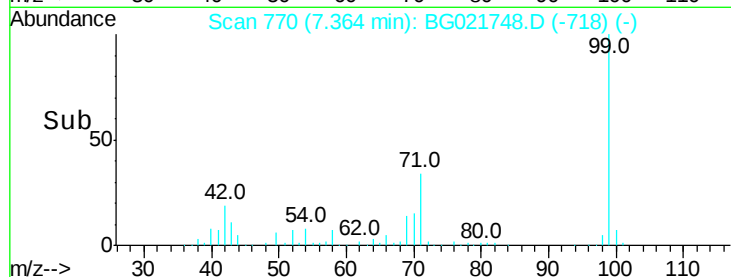
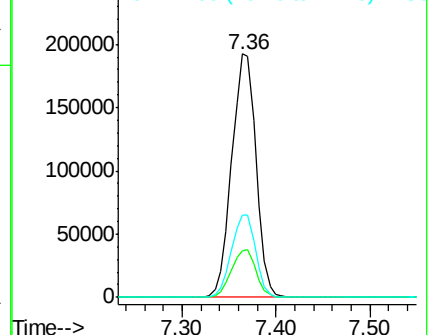
99 100

42 19.4 16.4 24.6

71 33.7 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: BG021748.D

Acq: 19 Apr 2016 00:17

Tgt Ion: 136 Resp: 138332

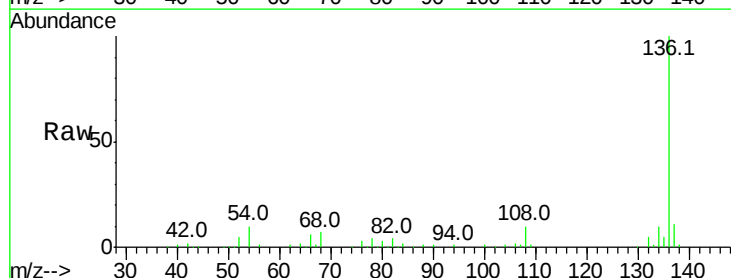
Ion Ratio Lower Upper

136 100

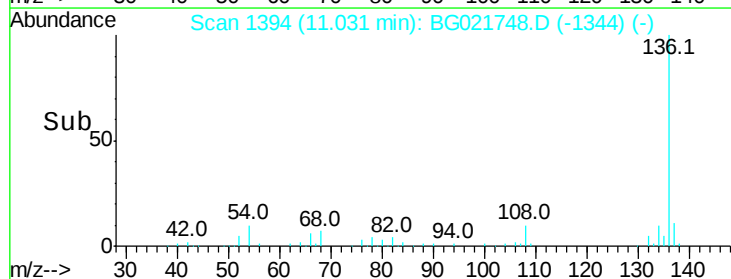
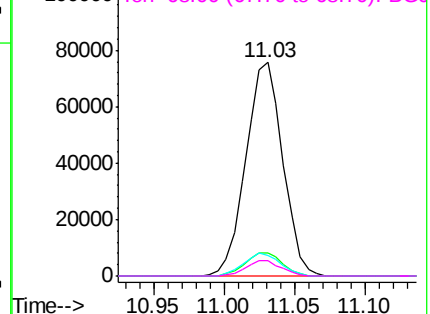
137 10.8 9.0 13.4

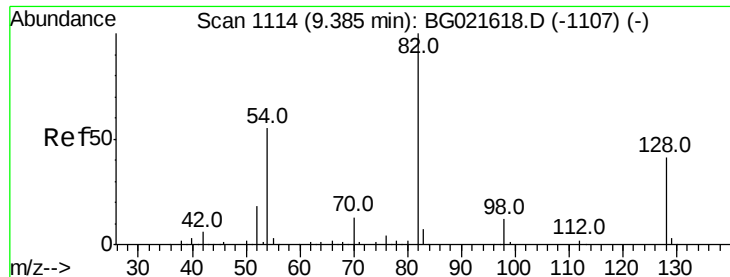
54 9.7 9.6 14.4

68 7.0 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

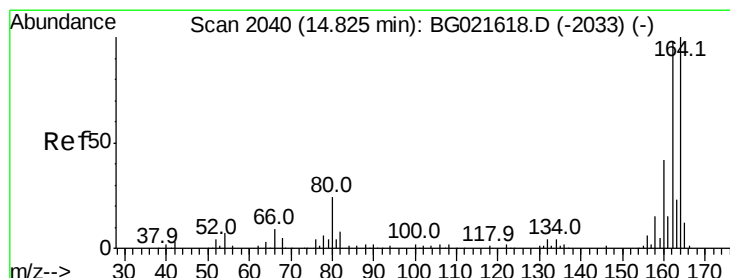
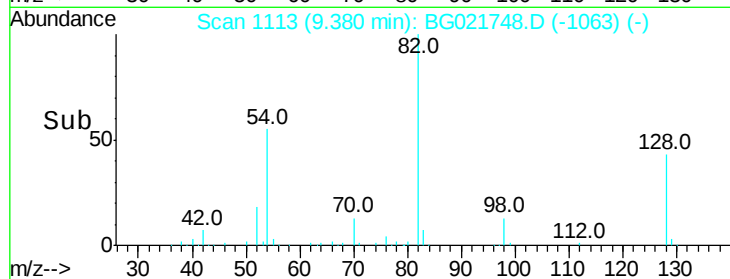
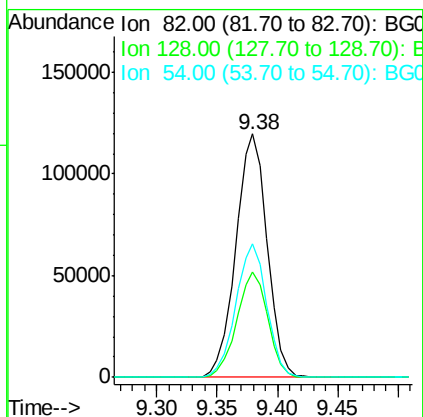
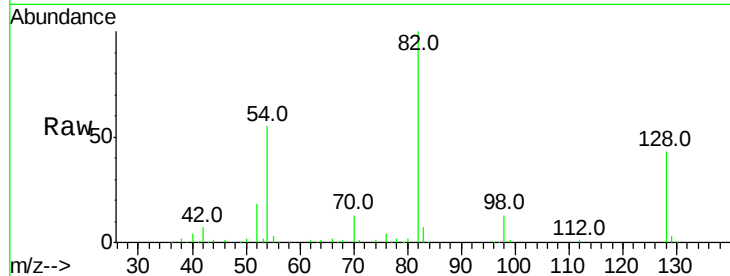




#23
 Nitrobenzene-d5
 Concen: 80.02 ng
 RT: 9.38 min Scan# 1113
 Delta R.T. -0.01 min
 Lab File: BG021748.D
 Acq: 19 Apr 2016 00:17

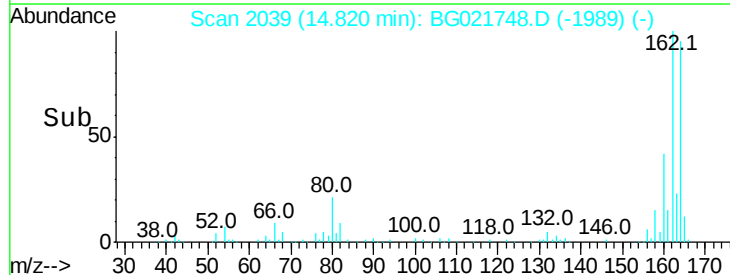
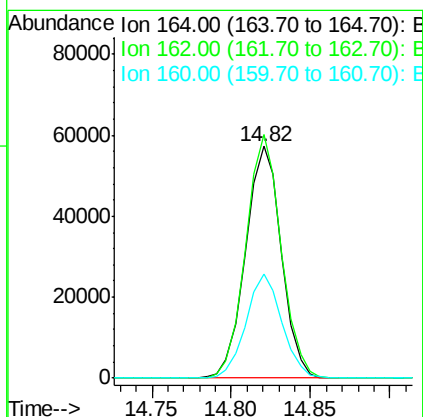
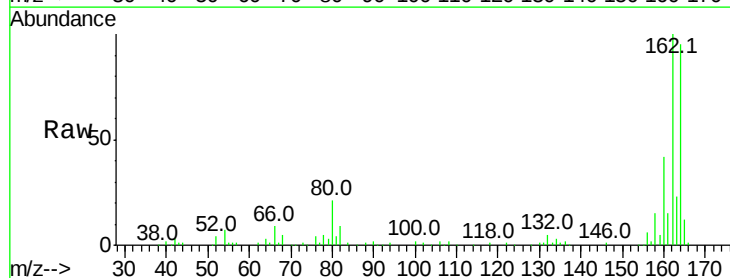
Instrument :
 BNA_G
 ClientSampleId :
 B6(15-17)

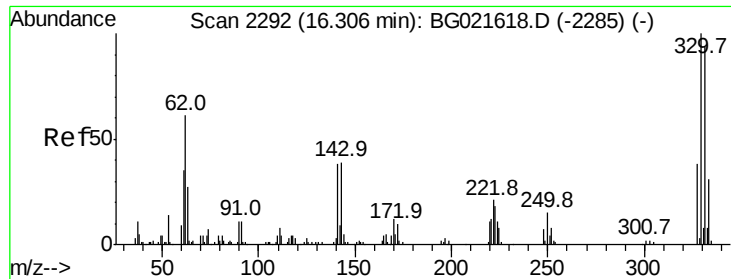
Tot Ion	82	Resp	215362
Ion	Ratio	Lower	Upper
82	100		
128	43.1	33.4	50.0
54	54.9	46.1	69.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.82 min Scan# 2039
 Delta R.T. -0.01 min
 Lab File: BG021748.D
 Acq: 19 Apr 2016 00:17

Tgt Ion	164	Resp	89327
Ion	Ratio	Lower	Upper
164	100		
162	105.1	78.0	117.0
160	44.7	32.9	49.3

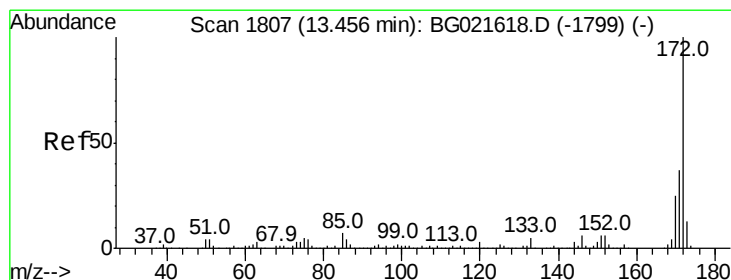
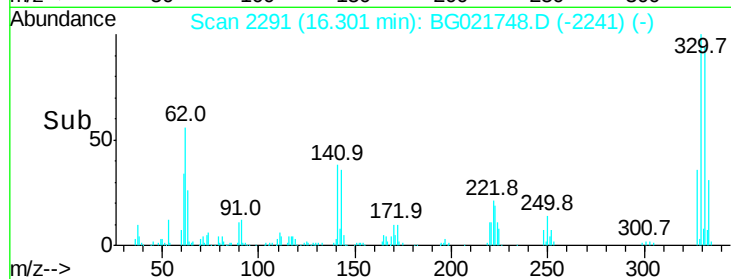
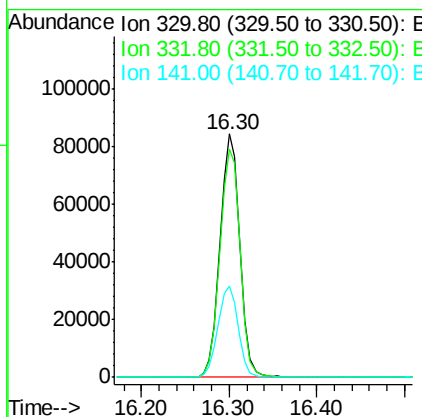
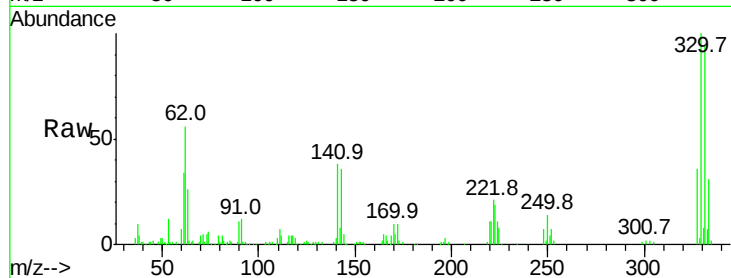




#41
 2,4,6-Tribromophenol
 Concen: 137.83 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BG021748.D
 Acq: 19 Apr 2016 00:17

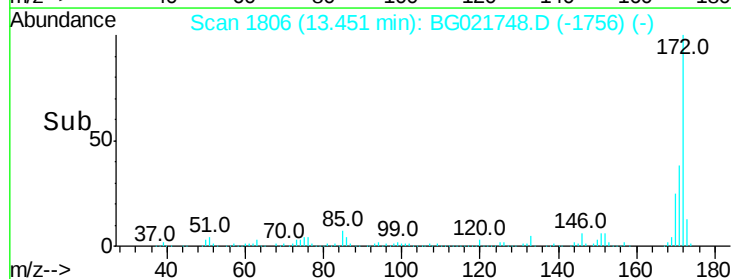
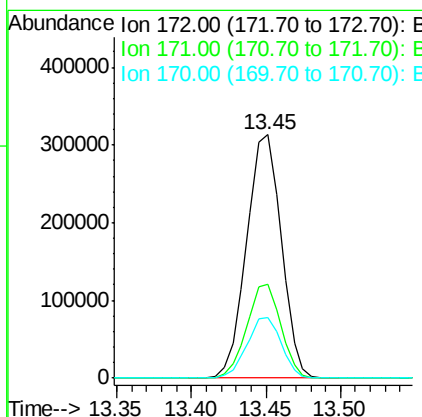
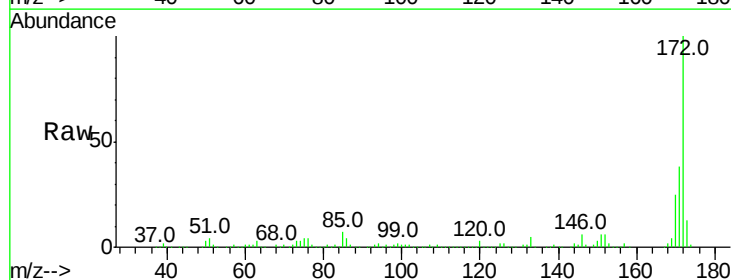
Instrument :
 BNA_G
 ClientSampleId :
 B6(15-17)

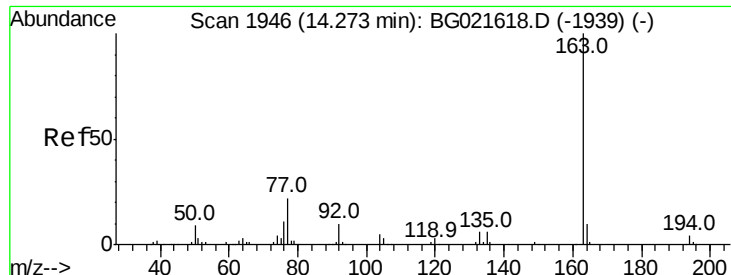
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	78.0	117.0
141	38.3	33.8	50.8



#44
 2-Fluorobiphenyl
 Concen: 82.57 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. -0.01 min
 Lab File: BG021748.D
 Acq: 19 Apr 2016 00:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	27.8	41.6
170	24.7	19.6	29.4

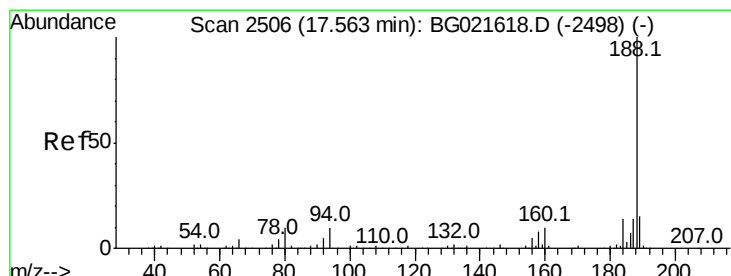
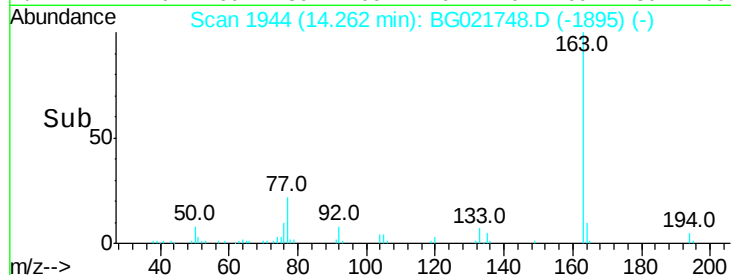
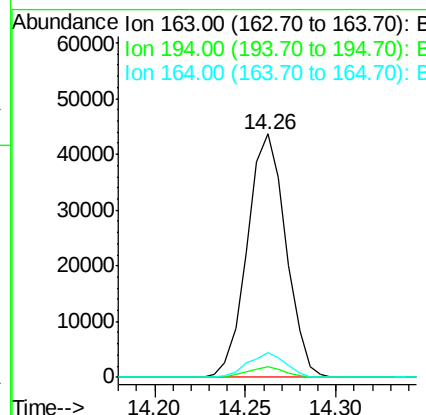
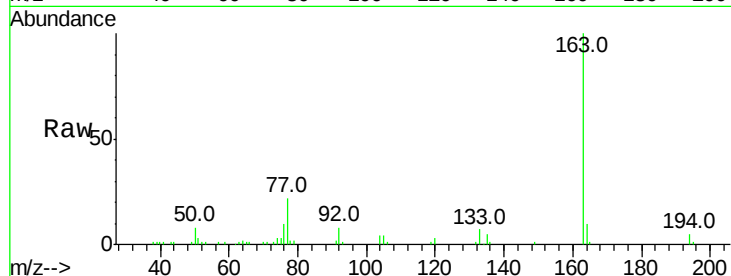




#49
Dimethylphthalate
Concen: 8.37 ng
RT: 14.26 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BG021748.D
Acq: 19 Apr 2016 00:17

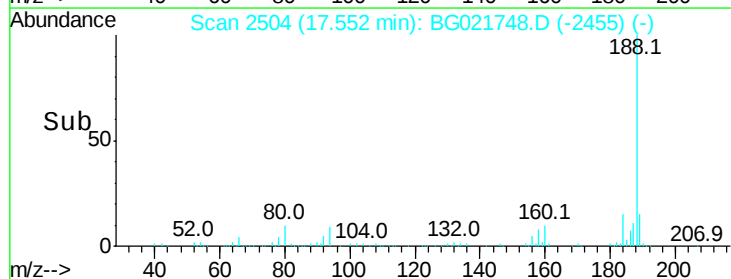
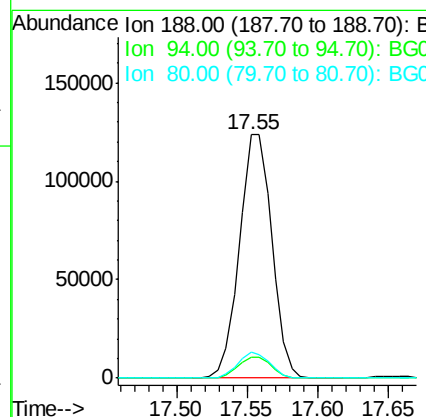
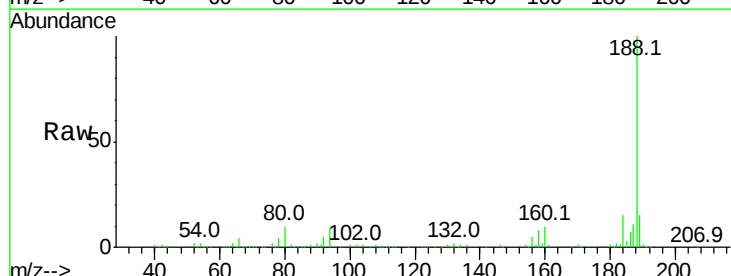
Instrument :
BNA_G
ClientSampleId :
B6(15-17)

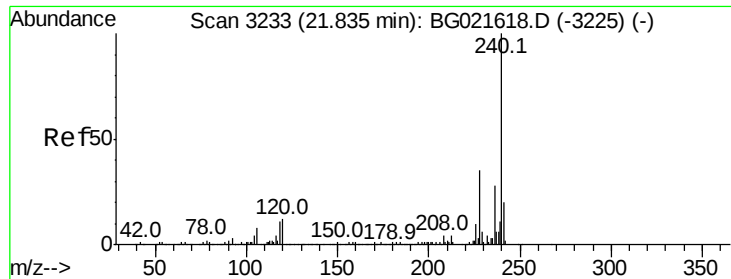
Tot Ion:163 Resp: 64671
Ion Ratio Lower Upper
163 100
194 4.5 3.0 4.6
164 10.1 8.1 12.1



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. -0.01 min
Lab File: BG021748.D
Acq: 19 Apr 2016 00:17

Tgt Ion:188 Resp: 198427
Ion Ratio Lower Upper
188 100
94 8.5 7.5 11.3
80 10.4 8.6 13.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.82 min Scan# 3231

Delta R.T. -0.01 min

Lab File: BG021748.D

Acq: 19 Apr 2016 00:17

Instrument :

BNA_G

ClientSampleId :

B6(15-17)

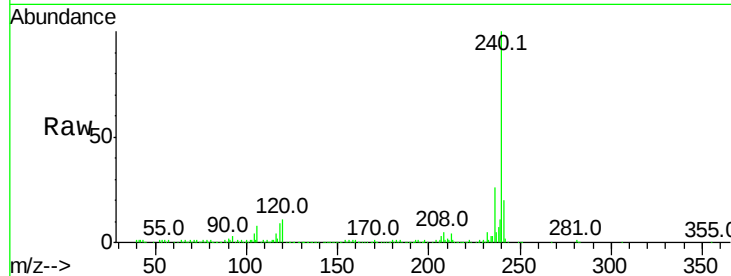
Tot Ion:240 Resp: 217360

Ion Ratio Lower Upper

240 100

120 10.6 8.4 12.6

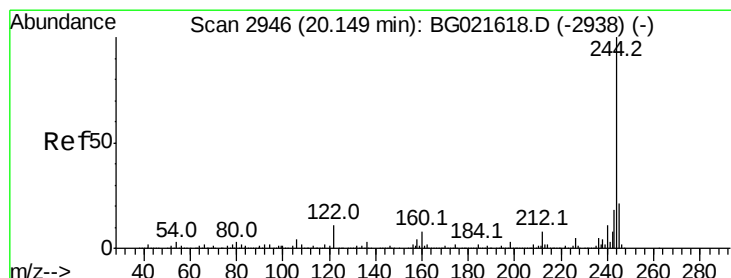
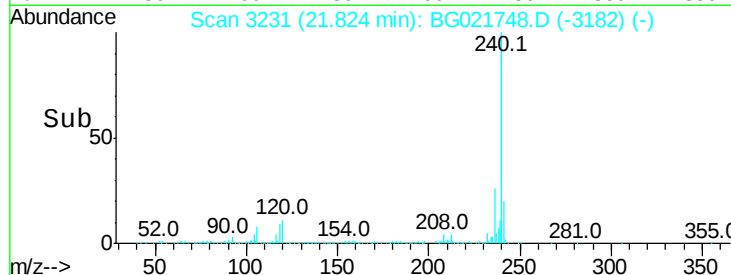
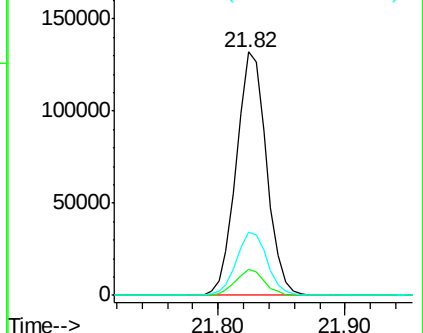
236 25.7 19.6 29.4



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: 80.57 ng

RT: 20.14 min Scan# 2945

Delta R.T. -0.01 min

Lab File: BG021748.D

Acq: 19 Apr 2016 00:17

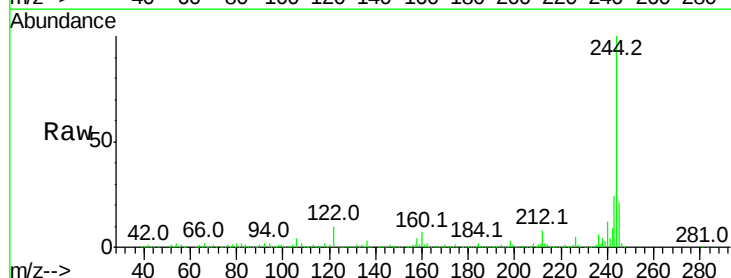
Tgt Ion:244 Resp: 701821

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

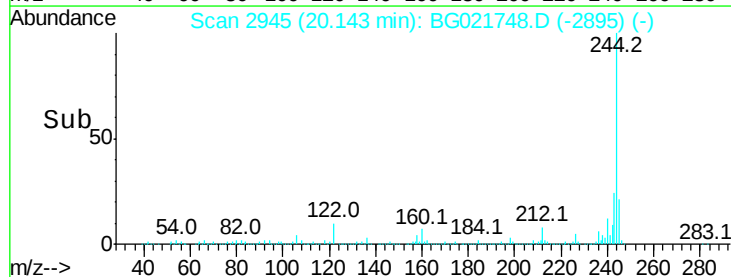
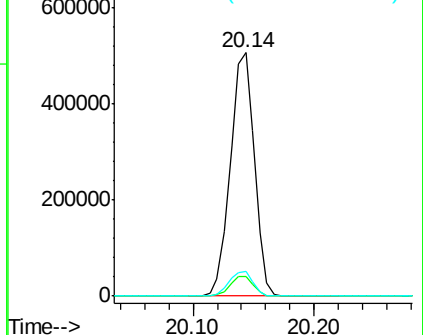
122 10.1 8.6 12.8

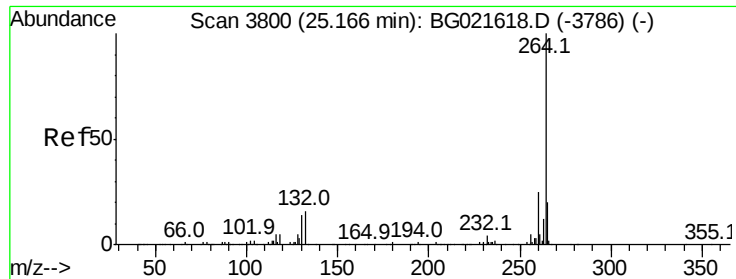


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG021748.D
Acq: 19 Apr 2016 00:17

Instrument :
BNA_G
ClientSampleId :
B6(15-17)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	20.2	30.4
265	22.7	17.8	26.8

