

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041816\
 Data File : BG021727.D
 Acq On : 18 Apr 2016 6:31
 Operator : UM/SJ
 Sample : H2513-03
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ACF-WW-1

Quant Time: Apr 18 07:14:32 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

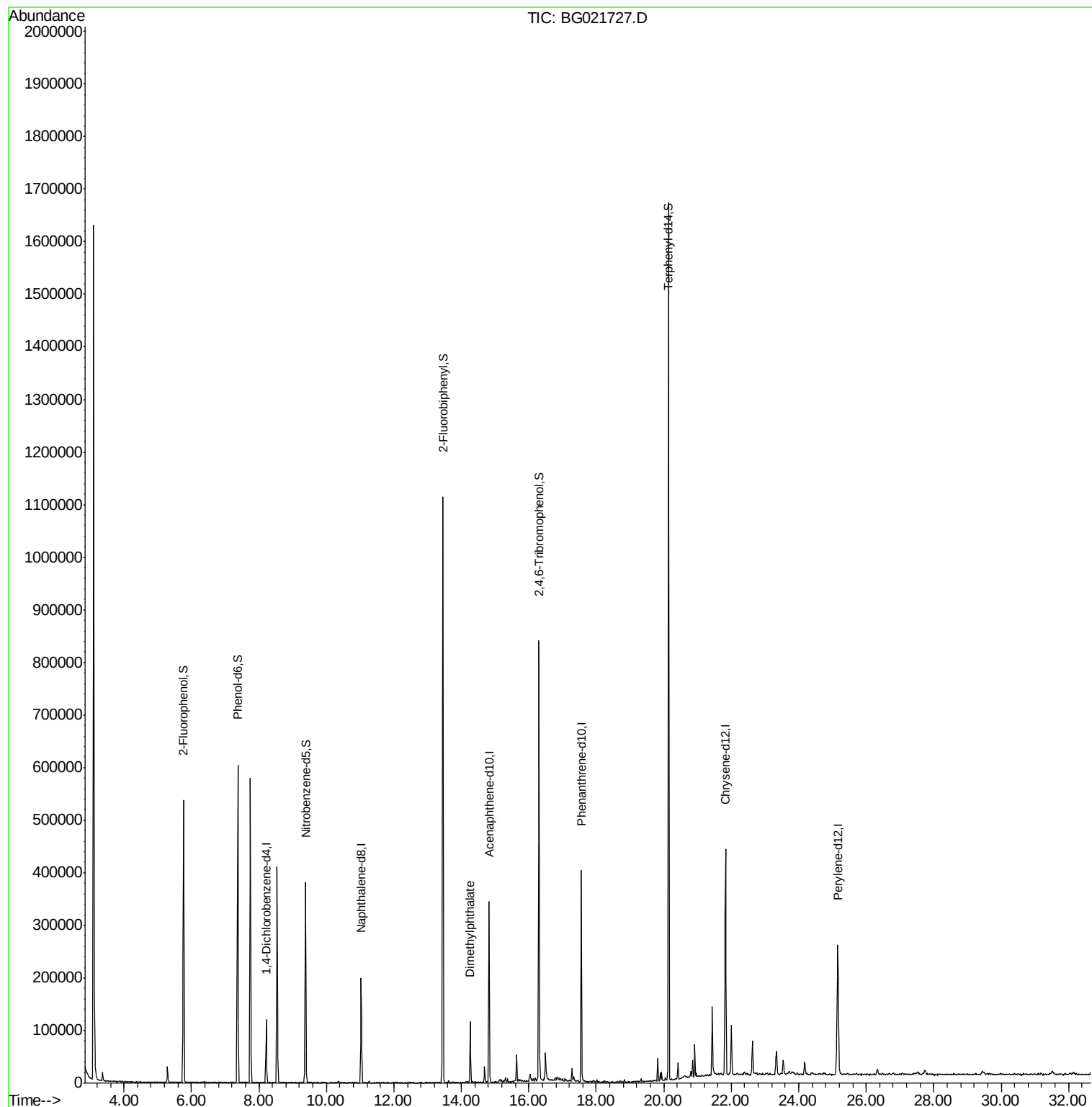
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	34842	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	173679	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	117842	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	247284	20.00	ng	0.00
75) Chrysene-d12	21.83	240	262988	20.00	ng	0.00
86) Perylene-d12	25.16	264	256789	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.77	112	242484	115.89	ng	0.00
7) Phenol-d6	7.37	99	372553	119.21	ng	0.01
23) Nitrobenzene-d5	9.38	82	236800	70.08	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	150986	118.88	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	576359	71.66	ng	0.00
78) Terphenyl-d14	20.14	244	751249	71.28	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.26	163	77227	7.58	ng	Qvalue # 99

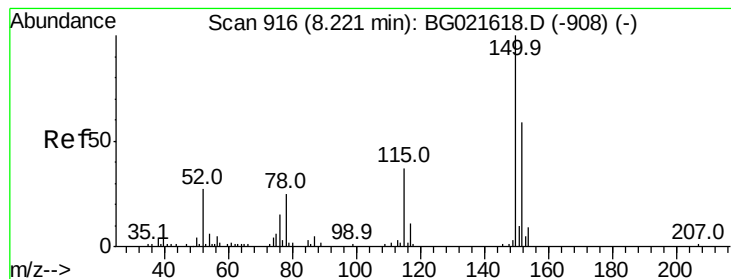
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.22 min Scan# 915

Delta R.T. -0.01 min

Lab File: BG021727.D

Acq: 18 Apr 2016 6:31

Instrument :

BNA_G

ClientSampleId :

ACF-WW-1

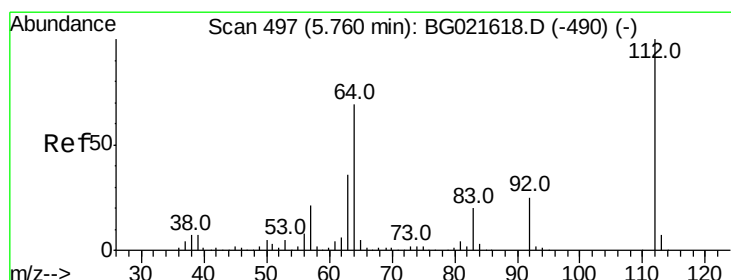
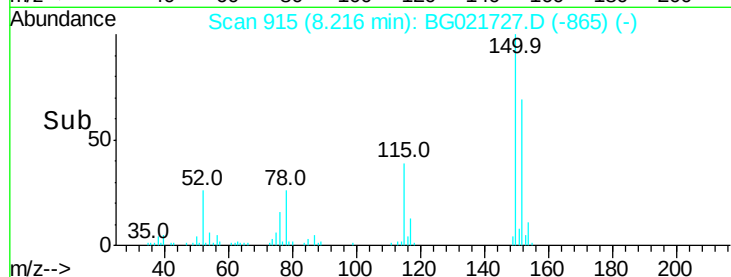
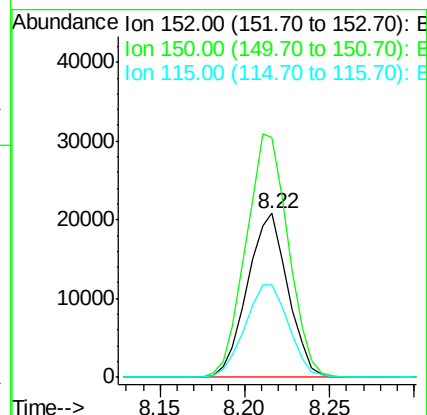
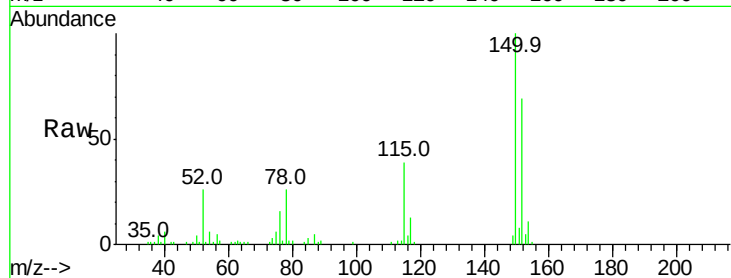
Tot Ion:152 Resp: 34842

Ion Ratio Lower Upper

152 100

150 146.0 130.1 195.1

115 56.7 62.2 93.2#



#5

2-Fluorophenol

Concen: 115.89 ng

RT: 5.77 min Scan# 498

Delta R.T. 0.01 min

Lab File: BG021727.D

Acq: 18 Apr 2016 6:31

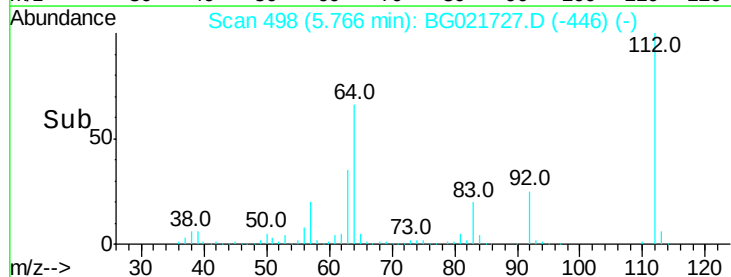
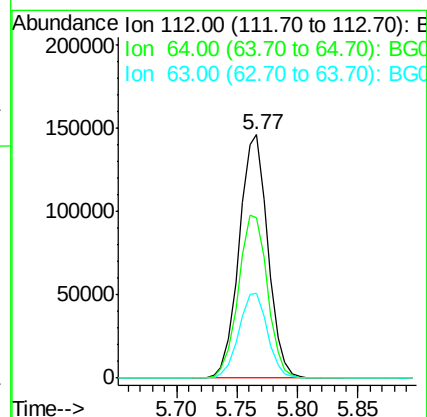
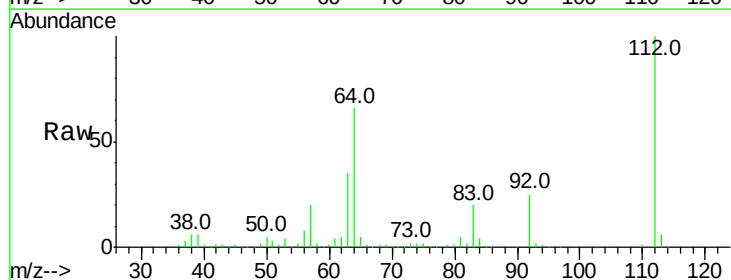
Tgt Ion:112 Resp: 242484

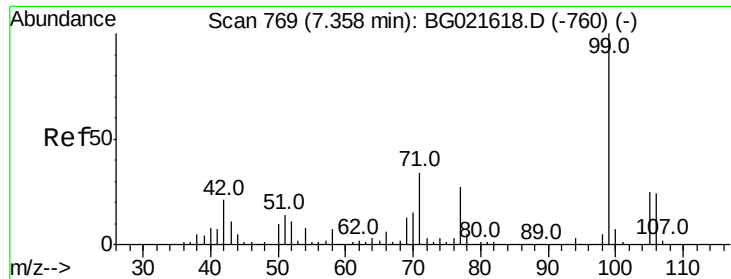
Ion Ratio Lower Upper

112 100

64 65.7 51.1 76.7

63 34.8 24.6 37.0





#7

Phenol-d6

Concen: 119.21 ng

RT: 7.37 min Scan# 771

Delta R.T. 0.01 min

Lab File: BG021727.D

Acq: 18 Apr 2016 6:31

Instrument :

BNA_G

ClientSampleId :

ACF-WW-1

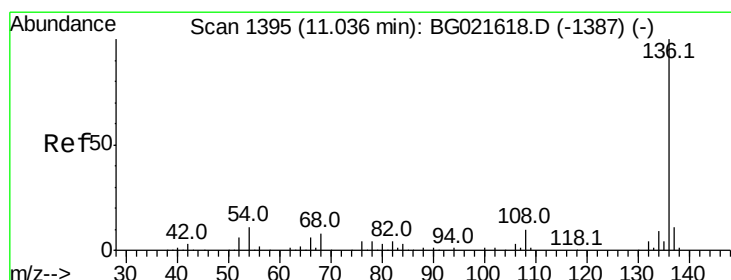
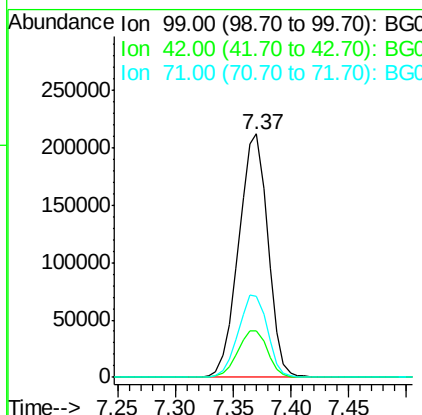
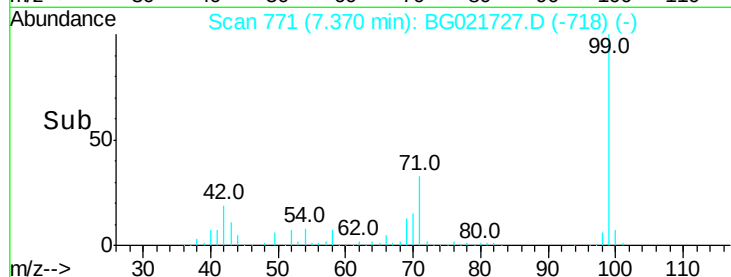
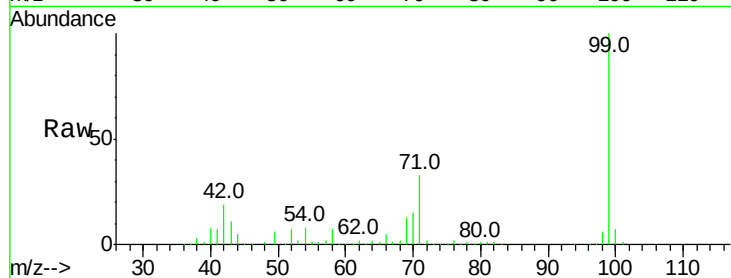
Tot Ion: 99 Resp: 372553

Ion Ratio Lower Upper

99 100

42 19.3 16.4 24.6

71 33.1 25.0 37.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.03 min Scan# 1394

Delta R.T. -0.01 min

Lab File: BG021727.D

Acq: 18 Apr 2016 6:31

Tgt Ion: 136 Resp: 173679

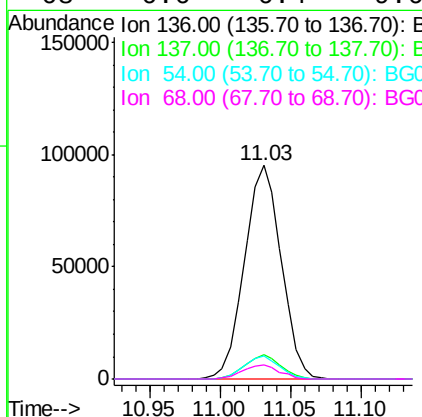
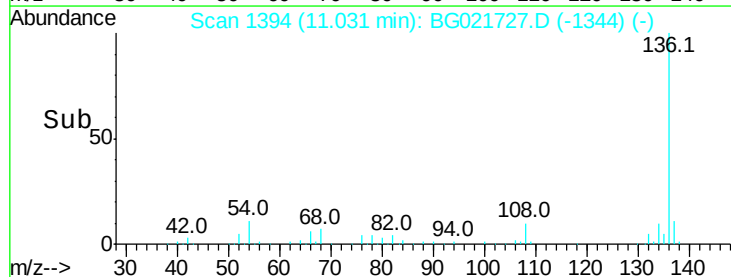
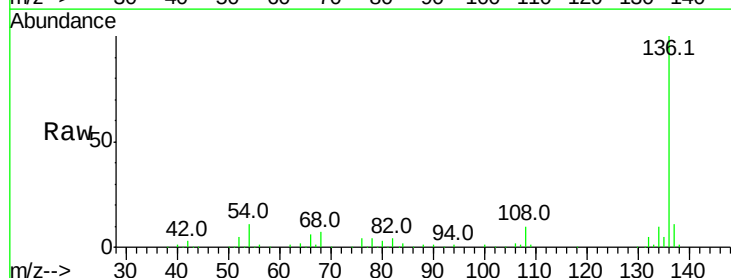
Ion Ratio Lower Upper

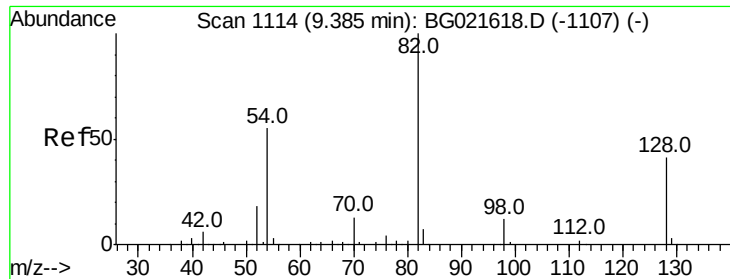
136 100

137 11.2 9.0 13.4

54 10.7 9.6 14.4

68 6.6 6.4 9.6

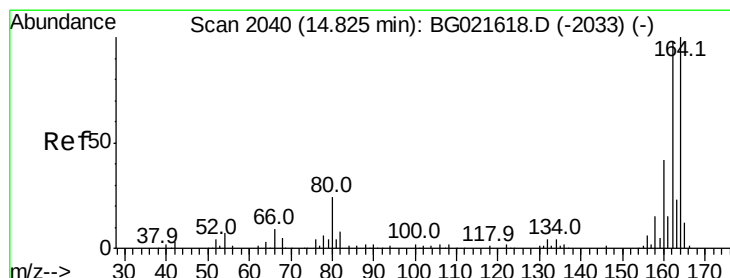
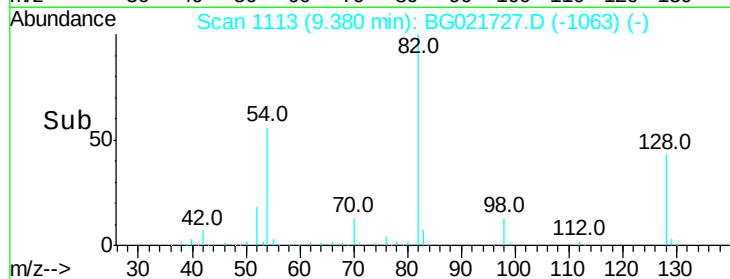
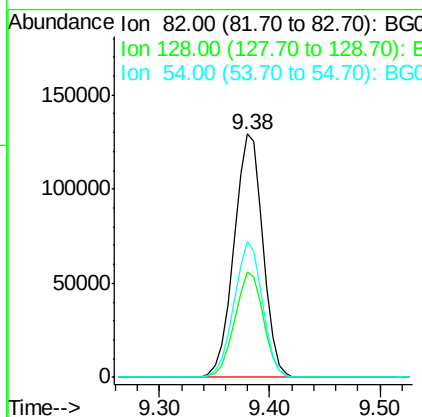
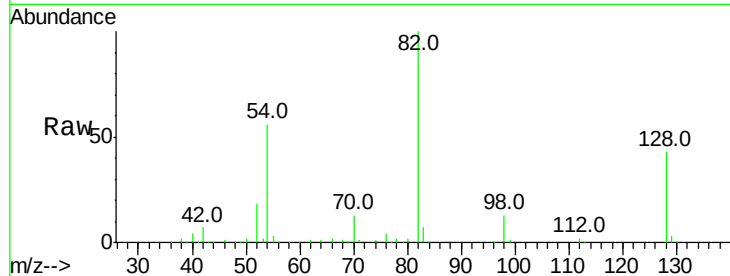




#23
 Nitrobenzene-d5
 Concen: 70.08 ng
 RT: 9.38 min Scan# 1113
 Delta R.T. -0.01 min
 Lab File: BG021727.D
 Acq: 18 Apr 2016 6:31

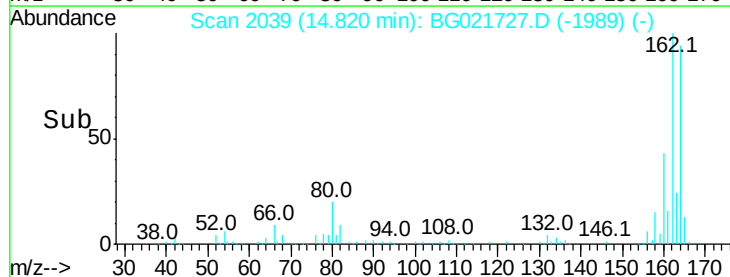
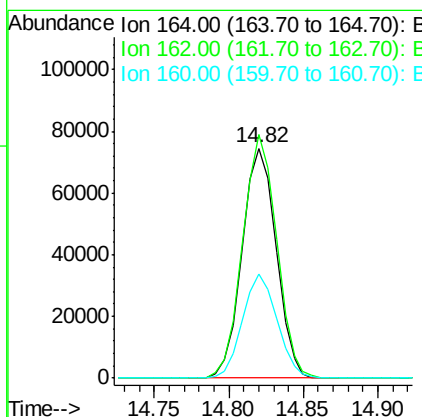
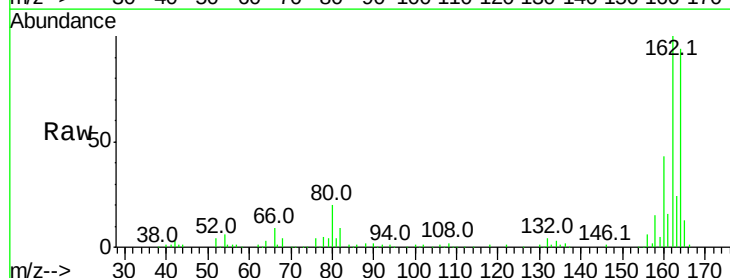
Instrument :
 BNA_G
 ClientSampleId :
 ACF-WW-1

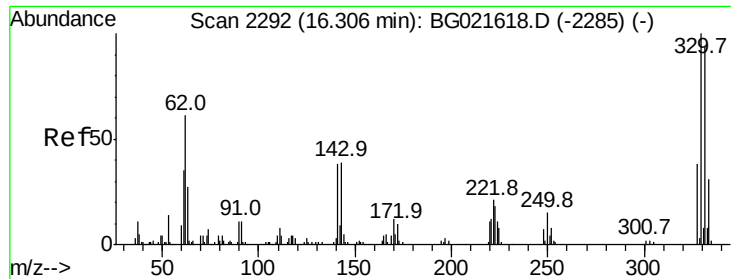
Tot Ion	82	Resp	236800
Ion Ratio	Lower	Upper	
82	100		
128	43.5	33.4	50.0
54	56.0	46.1	69.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.82 min Scan# 2039
 Delta R.T. -0.01 min
 Lab File: BG021727.D
 Acq: 18 Apr 2016 6:31

Tgt Ion	164	Resp	117842
Ion Ratio	Lower	Upper	
164	100		
162	106.0	78.0	117.0
160	45.1	32.9	49.3

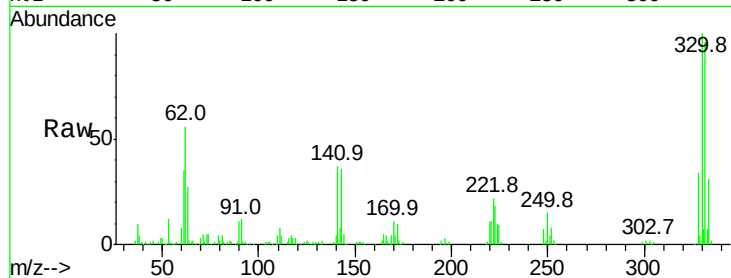




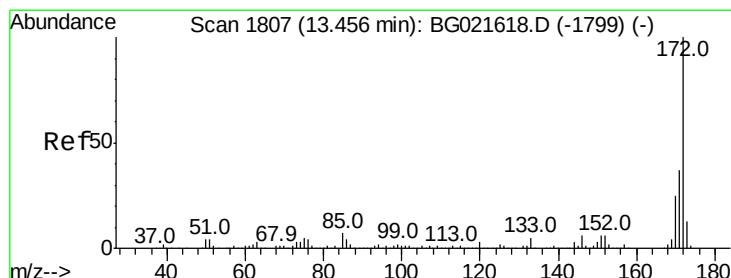
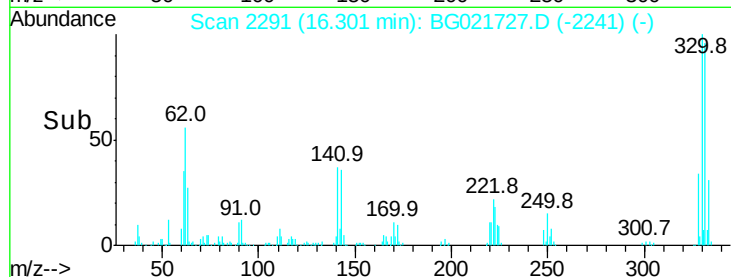
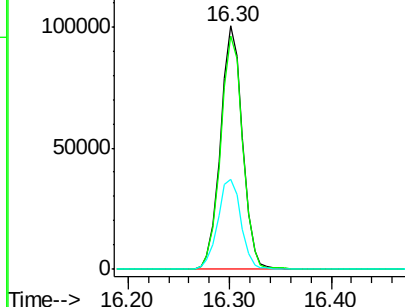
#41
 2,4,6-Tribromophenol
 Concen: 118.88 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BG021727.D
 Acq: 18 Apr 2016 6:31

Instrument :
 BNA_G
 ClientSampleId :
 ACF-WW-1

Tot Ion:330 Resp: 150986
 Ion Ratio Lower Upper
 330 100
 332 96.3 78.0 117.0
 141 39.0 33.8 50.8

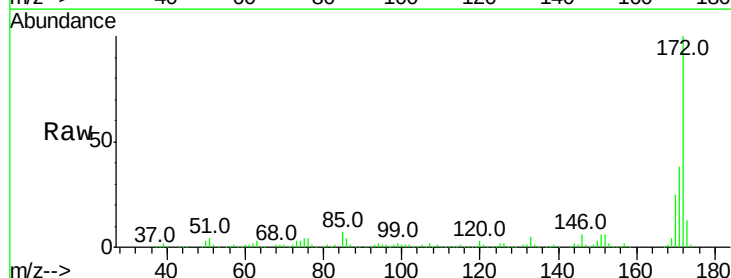


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

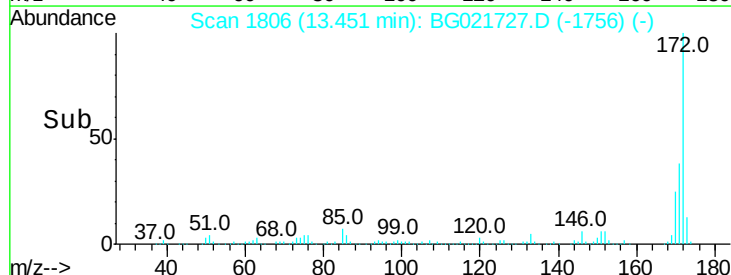
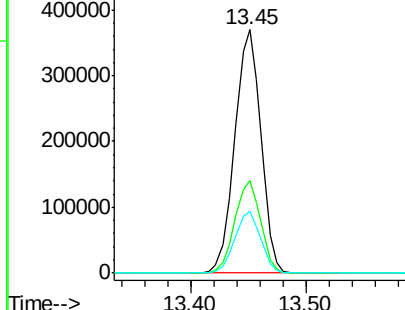


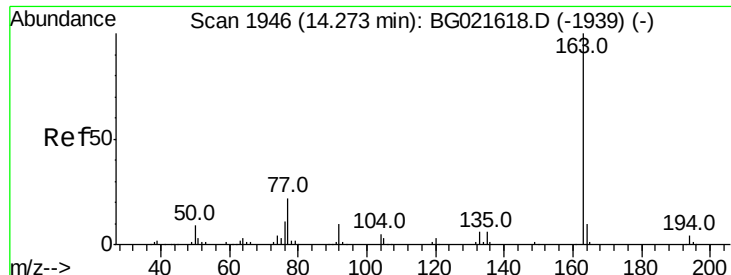
#44
 2-Fluorobiphenyl
 Concen: 71.66 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. -0.01 min
 Lab File: BG021727.D
 Acq: 18 Apr 2016 6:31

Tgt Ion:172 Resp: 576359
 Ion Ratio Lower Upper
 172 100
 171 38.3 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: 7.58 ng

RT: 14.26 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG021727.D

Acq: 18 Apr 2016 6:31

Instrument :

BNA_G

ClientSampleId :

ACF-WW-1

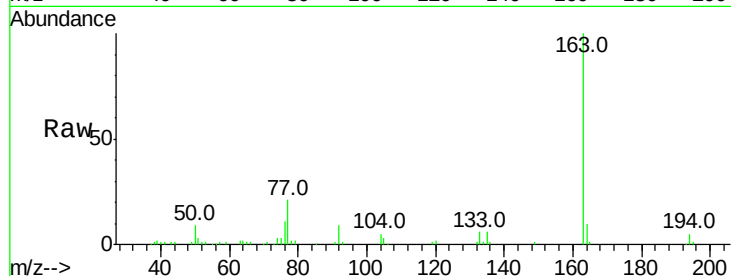
Tot Ion:163 Resp: 77227

Ion Ratio Lower Upper

163 100

194 4.8 3.0 4.6#

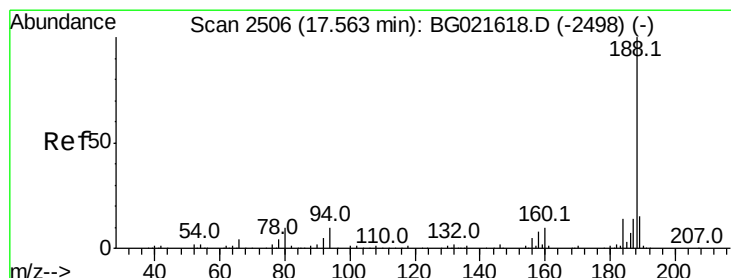
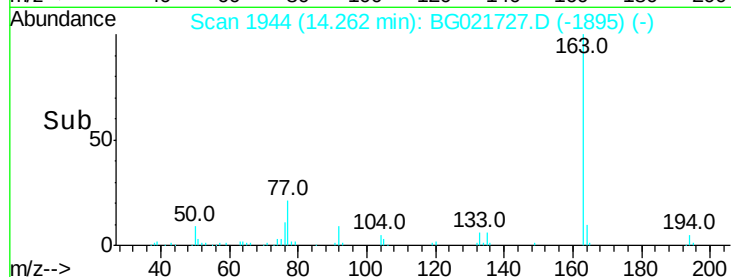
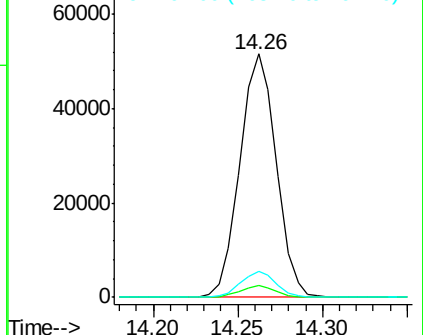
164 10.4 8.1 12.1



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: BG021727.D

Acq: 18 Apr 2016 6:31

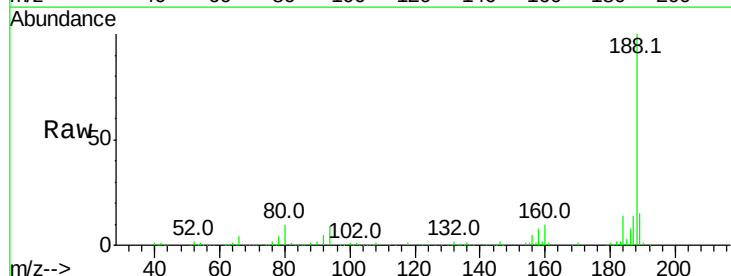
Tgt Ion:188 Resp: 247284

Ion Ratio Lower Upper

188 100

94 8.8 7.5 11.3

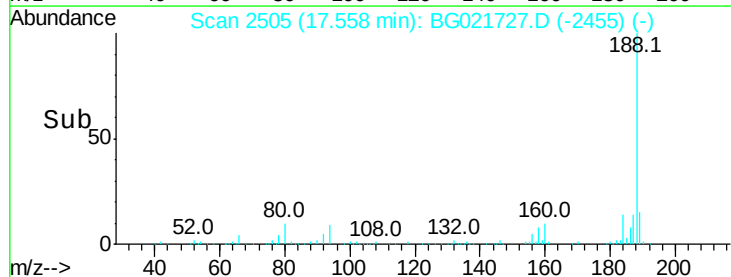
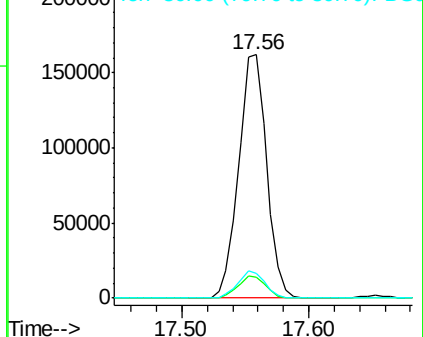
80 10.2 8.6 13.0

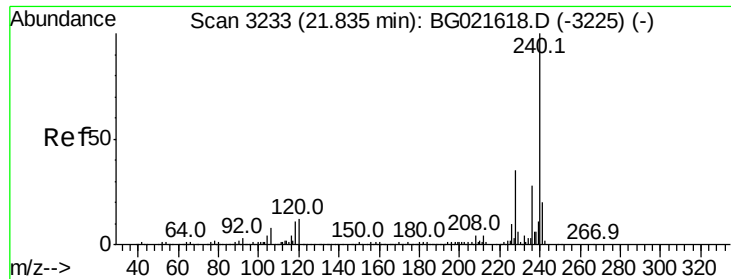


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 21.83 min Scan# 3232

Delta R.T. -0.01 min

Lab File: BG021727.D

Acq: 18 Apr 2016 6:31

Instrument :

BNA_G

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ACF-WW-1

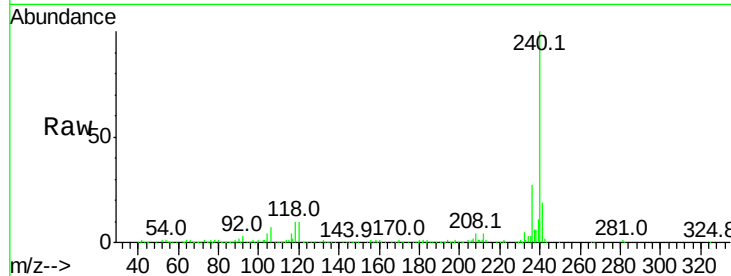
Tot Ion:240 Resp: 262988

Ion Ratio Lower Upper

240 100

120 9.6 8.4 12.6

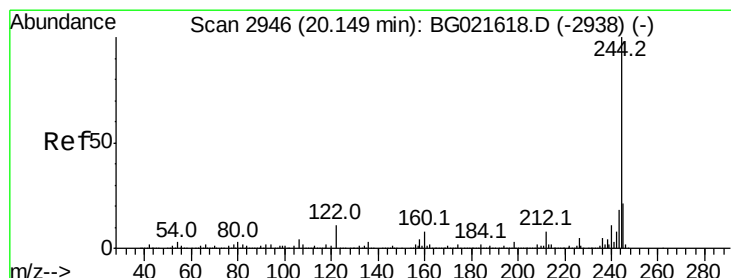
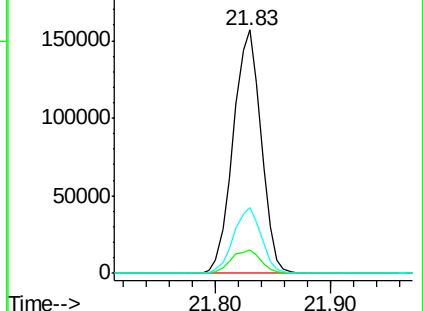
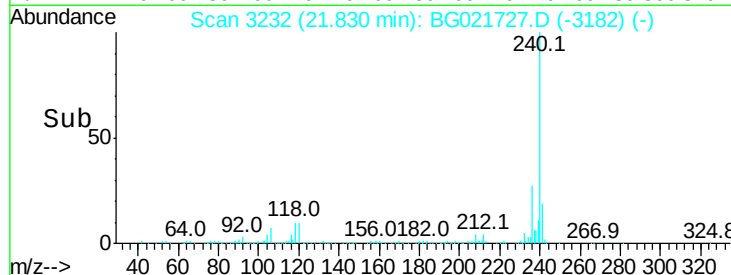
236 26.8 19.6 29.4



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: 71.28 ng

RT: 20.14 min Scan# 2945

Delta R.T. -0.01 min

Lab File: BG021727.D

Acq: 18 Apr 2016 6:31

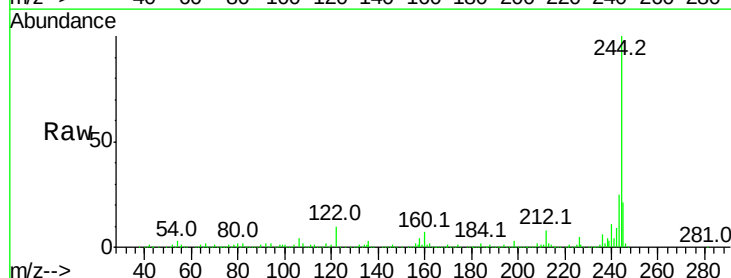
Tgt Ion:244 Resp: 751249

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

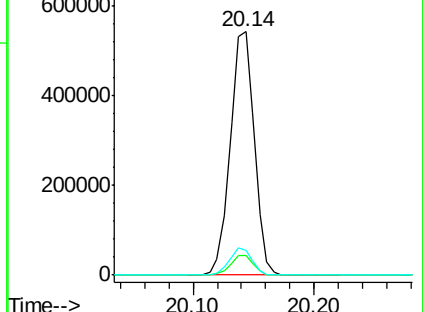
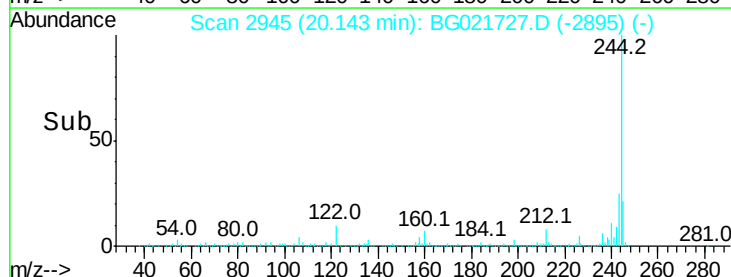
122 10.3 8.6 12.8

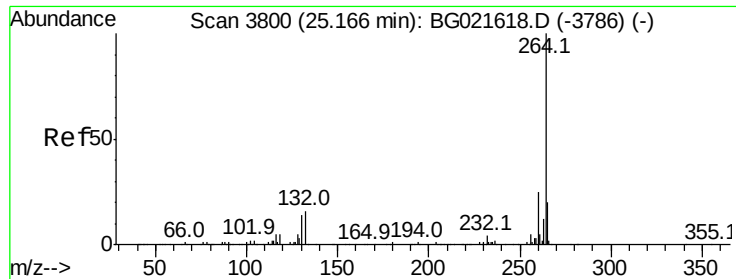


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3798
Delta R.T. -0.01 min
Lab File: BG021727.D
Acq: 18 Apr 2016 6:31

Instrument :
BNA_G
ClientSampleId :
ACF-WW-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.2	30.4
265	21.1	17.8	26.8

