

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121015\
 Data File : BG020059.D
 Acq On : 10 Dec 2015 1:07
 Operator : UM/SJ
 Sample : G4659-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A8-3C

Quant Time: Dec 10 02:24:26 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

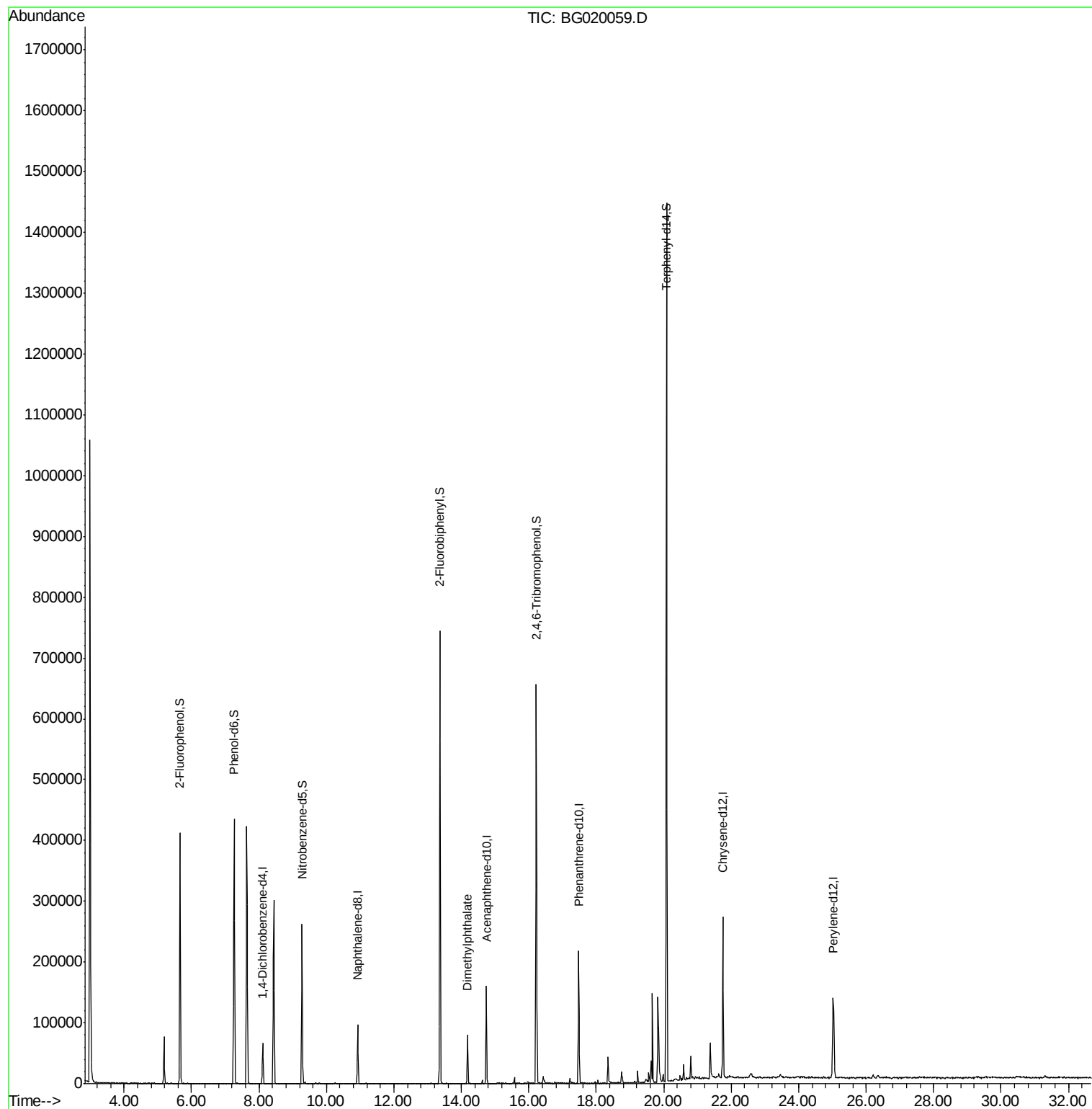
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	18659	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	79988	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	54551	20.00	ng	-0.03
63) Phenanthrene-d10	17.48	188	134597	20.00	ng	-0.03
75) Chrysene-d12	21.75	240	163468	20.00	ng	-0.04
86) Perylene-d12	25.02	264	155241	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	169254	163.94	ng	-0.01
7) Phenol-d6	7.26	99	250152	160.48	ng	-0.01
23) Nitrobenzene-d5	9.28	82	162088	103.42	ng	-0.02
41) 2,4,6-Tribromophenol	16.22	330	124252	148.86	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	388439	97.23	ng	-0.02
78) Terphenyl-d14	20.08	244	633524	94.53	ng	-0.03
Target Compounds						
49) Dimethylphthalate	14.18	163	50819	10.36	ng	Qvalue 97

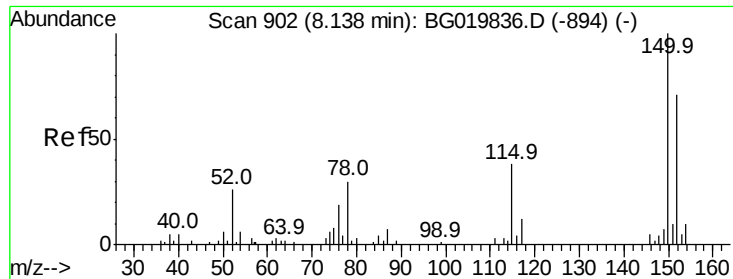
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.11 min Scan# 898

Delta R.T. -0.02 min

Lab File: BG020059.D

Acq: 10 Dec 2015 1:07

Instrument :

BNA_G

ClientSampleId :

A8-3C

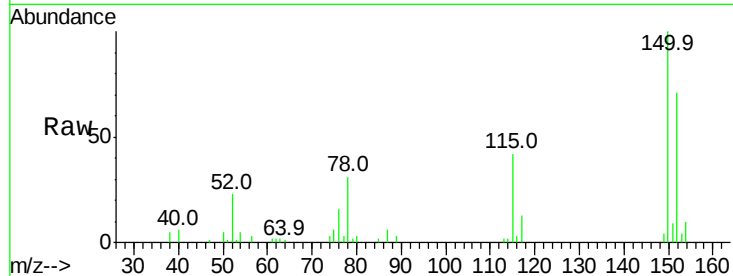
Tot Ion:152 Resp: 18659

Ion Ratio Lower Upper

152 100

150 141.4 115.0 172.4

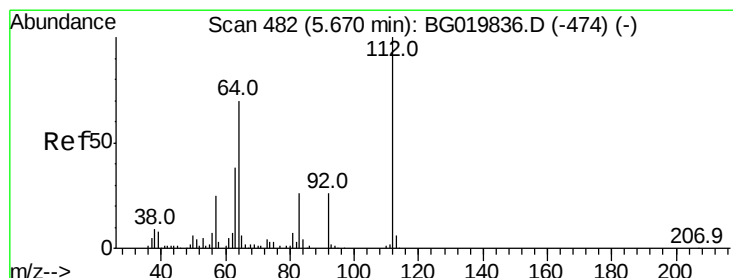
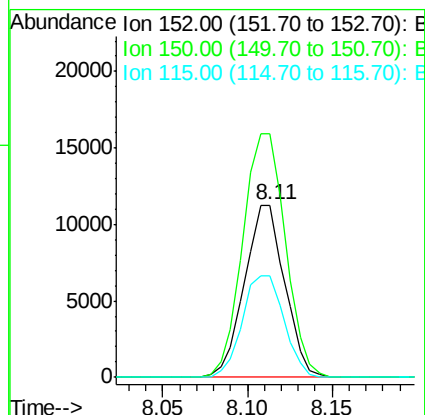
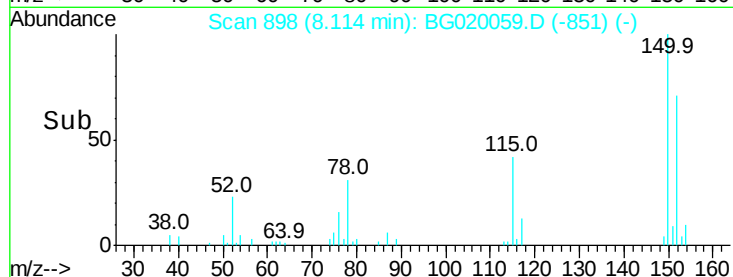
115 58.8 43.9 65.9



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: 163.94 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG020059.D

Acq: 10 Dec 2015 1:07

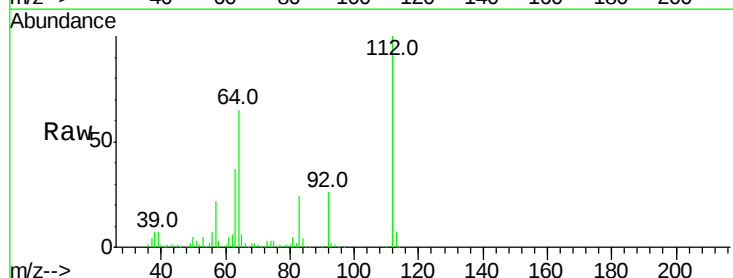
Tgt Ion:112 Resp: 169254

Ion Ratio Lower Upper

112 100

64 65.2 43.7 65.5

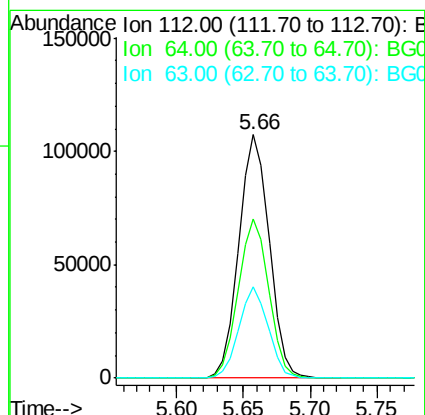
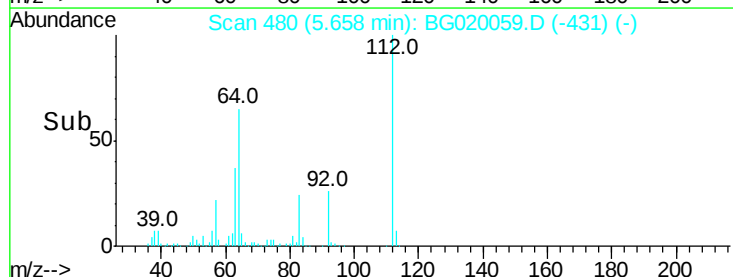
63 37.5 24.0 36.0#



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: 160.48 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG020059.D

Acq: 10 Dec 2015 1:07

Instrument :

BNA_G

ClientSampleId :

A8-3C

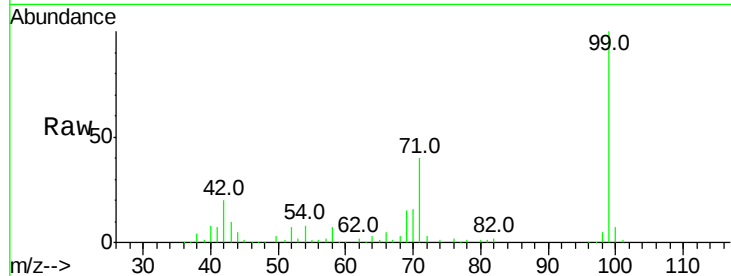
Tot Ion: 99 Resp: 250152

Ion Ratio Lower Upper

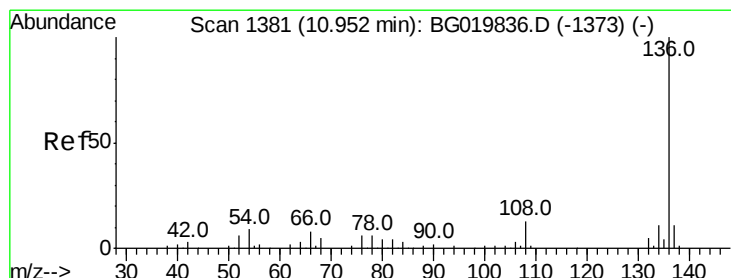
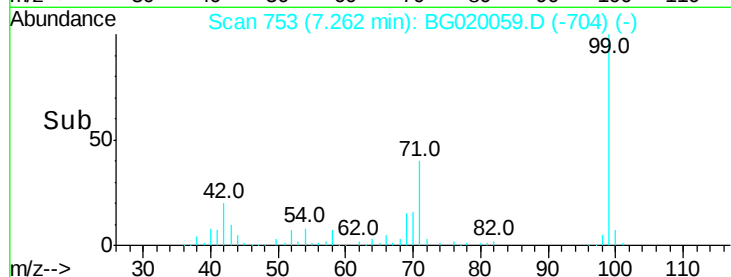
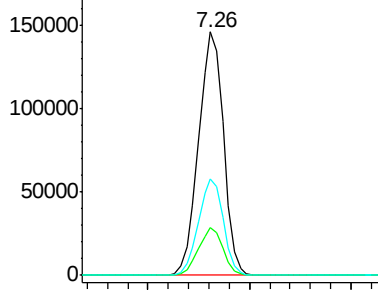
99 100

42 19.5 11.5 17.3#

71 39.6 22.6 34.0#



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: 10.93 min Scan# 1377

Delta R.T. -0.02 min

Lab File: BG020059.D

Acq: 10 Dec 2015 1:07

Tgt Ion: 136 Resp: 79988

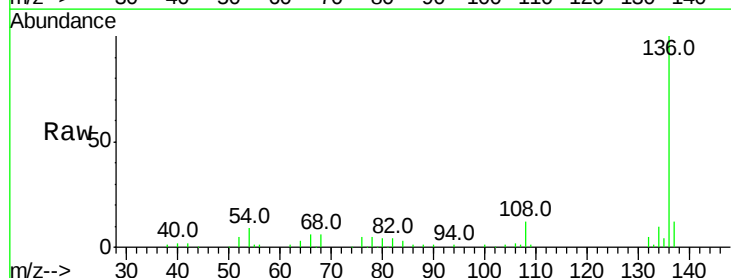
Ion Ratio Lower Upper

136 100

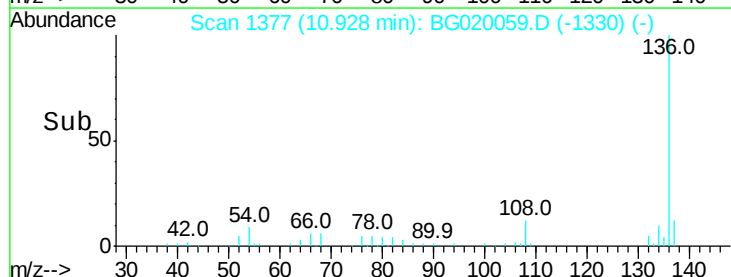
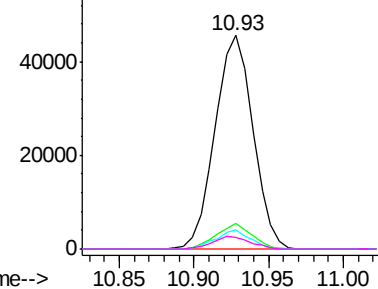
137 12.2 8.6 12.8

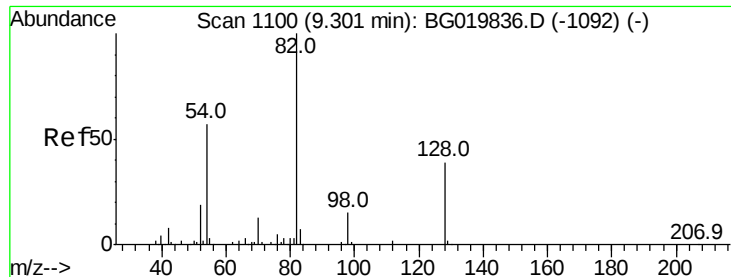
54 8.8 5.4 8.2#

68 5.5 5.3 7.9



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

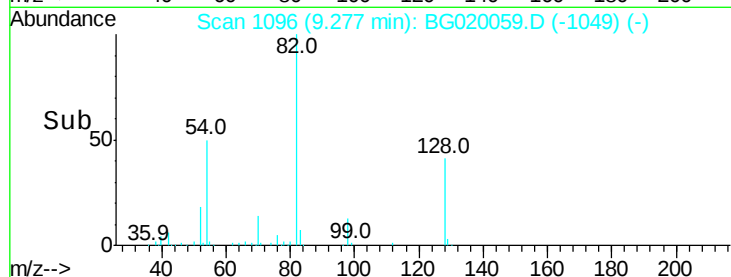
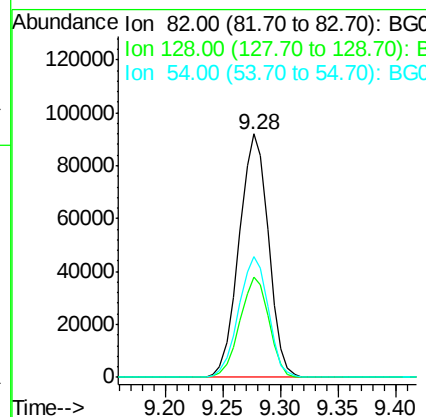
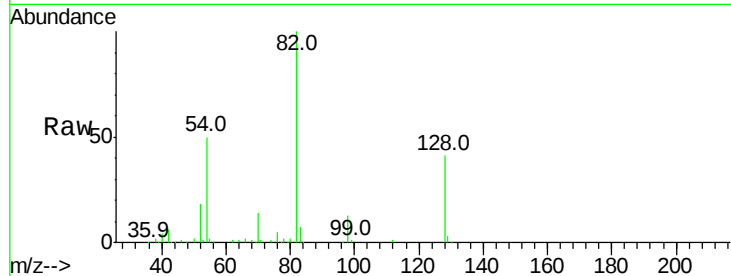




#23
 Nitrobenzene-d5
 Concen: 103.42 ng
 RT: 9.28 min Scan# 1096
 Delta R.T. -0.02 min
 Lab File: BG020059.D
 Acq: 10 Dec 2015 1:07

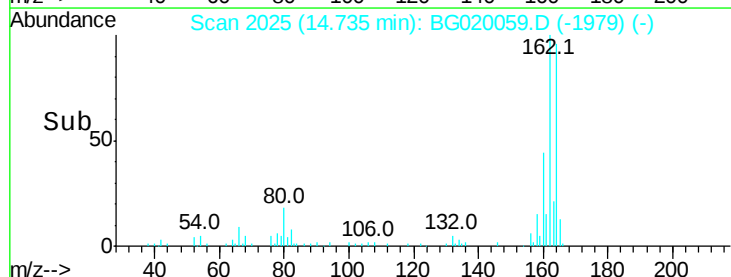
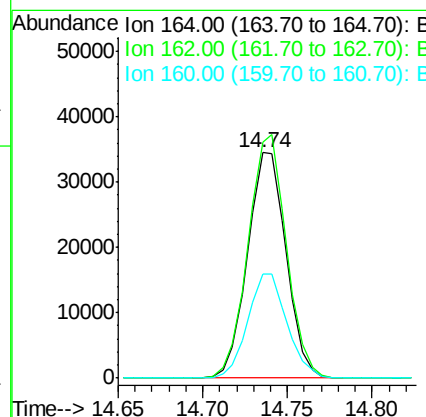
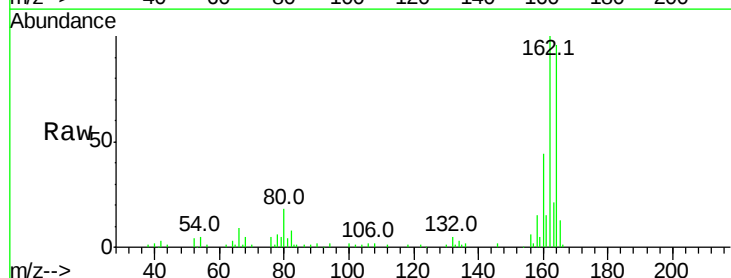
Instrument :
 BNA_G
 ClientSampleId :
 A8-3C

Tot Ion	82	Resp	162088
Ion Ratio	Lower	Upper	
82	100		
128	41.1	36.7	55.1
54	49.8	33.8	50.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.74 min Scan# 2025
 Delta R.T. -0.03 min
 Lab File: BG020059.D
 Acq: 10 Dec 2015 1:07

Tgt Ion	164	Resp	54551
Ion Ratio	Lower	Upper	
164	100		
162	104.5	78.8	118.2
160	46.1	36.4	54.6

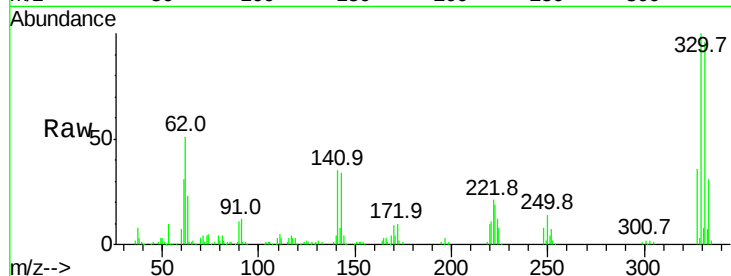




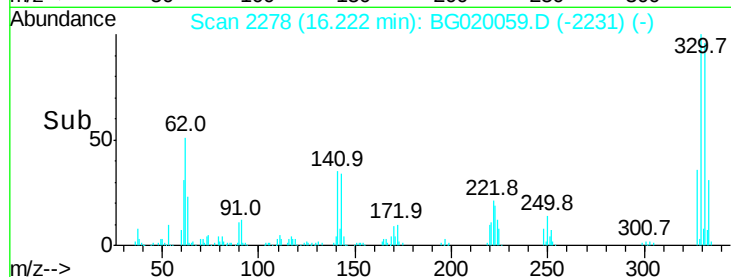
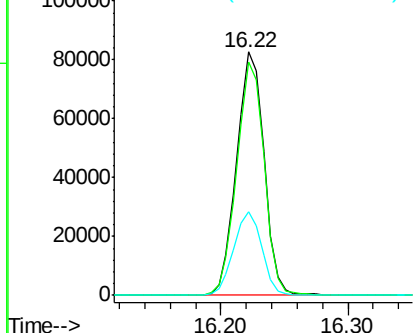
#41
 2,4,6-Tribromophenol
 Concen: 148.86 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BG020059.D
 Acq: 10 Dec 2015 1:07

Instrument :
 BNA_G
 ClientSampleId :
 A8-3C

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	78.1	117.1
141	35.1	28.2	42.2

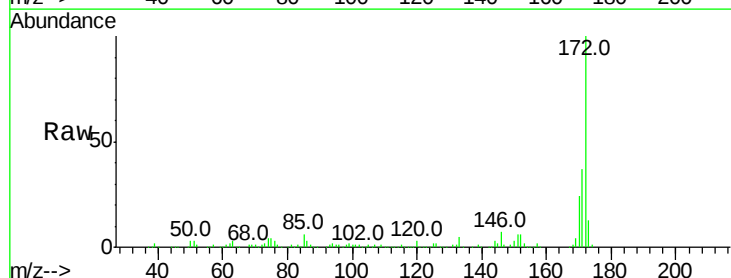


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

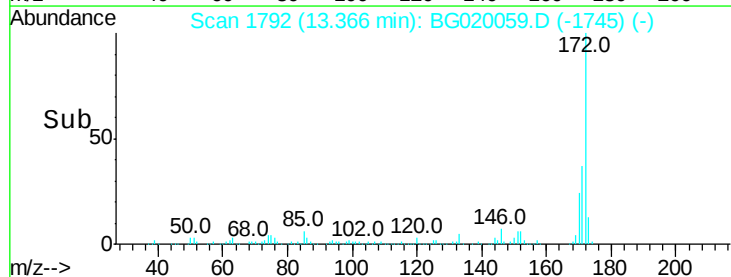
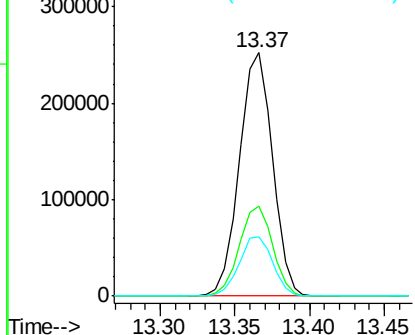


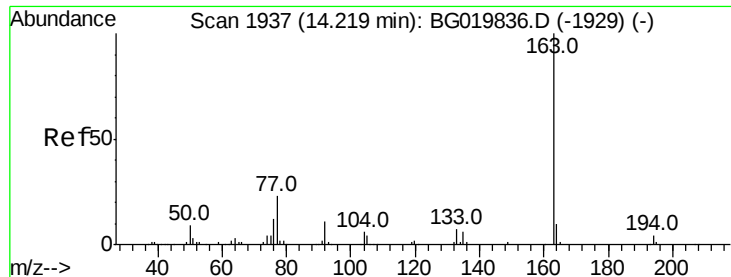
#44
 2-Fluorobiphenyl
 Concen: 97.23 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.02 min
 Lab File: BG020059.D
 Acq: 10 Dec 2015 1:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.0	43.6
170	24.2	19.9	29.9



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: 10.36 ng

RT: 14.18 min Scan# 1931

Delta R.T. -0.04 min

Lab File: BG020059.D

Acq: 10 Dec 2015 1:07

Instrument :

BNA_G

ClientSampleId :

A8-3C

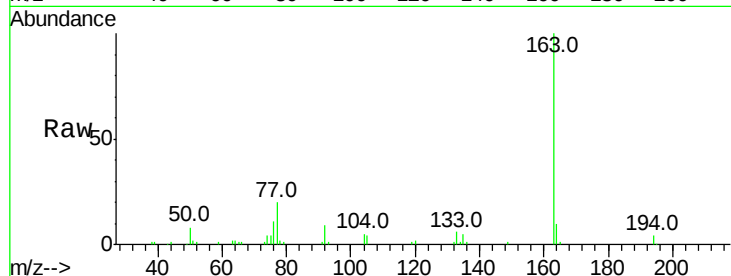
Tot Ion:163 Resp: 50819

Ion Ratio Lower Upper

163 100

194 4.2 3.1 4.7

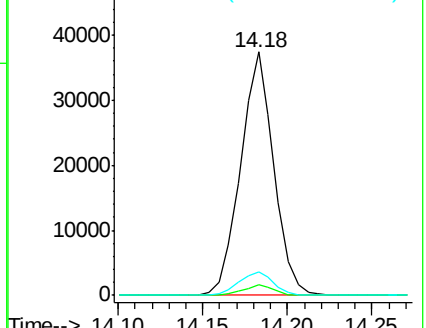
164 9.7 8.8 13.2



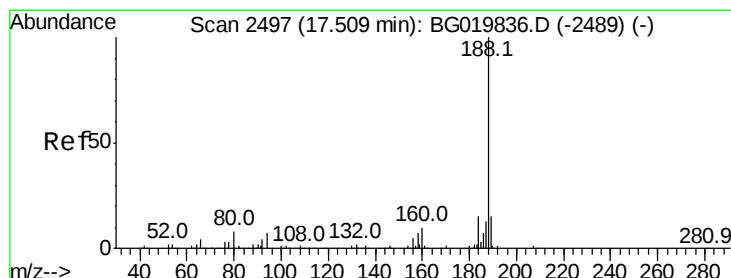
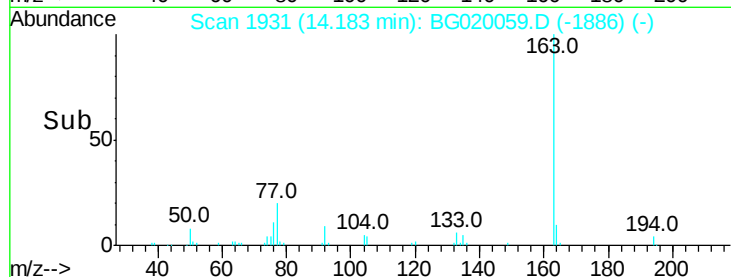
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time--> 14.10 14.15 14.20 14.25



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.48 min Scan# 2492

Delta R.T. -0.03 min

Lab File: BG020059.D

Acq: 10 Dec 2015 1:07

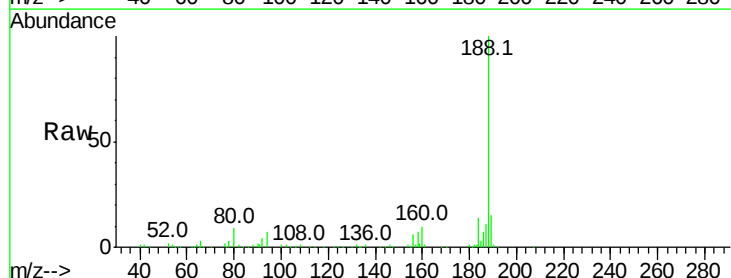
Tgt Ion:188 Resp: 134597

Ion Ratio Lower Upper

188 100

94 7.4 7.7 11.5#

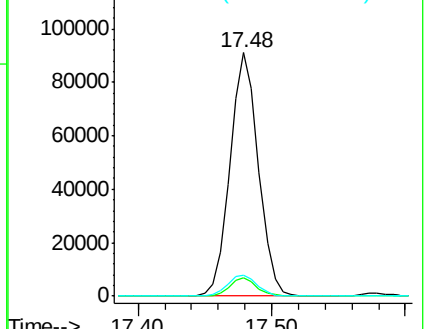
80 8.6 7.8 11.8



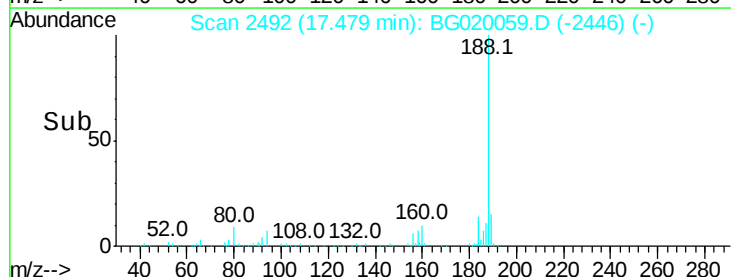
Abundance Ion 188.00 (187.70 to 188.70): E

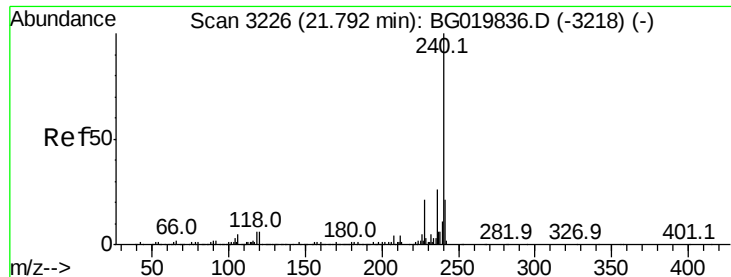
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time--> 17.40 17.50





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 21.75 min Scan# 3219

Delta R.T. -0.04 min

Lab File: BG020059.D

Acq: 10 Dec 2015 1:07

Instrument :

BNA_G

ClientSampleId :

A8-3C

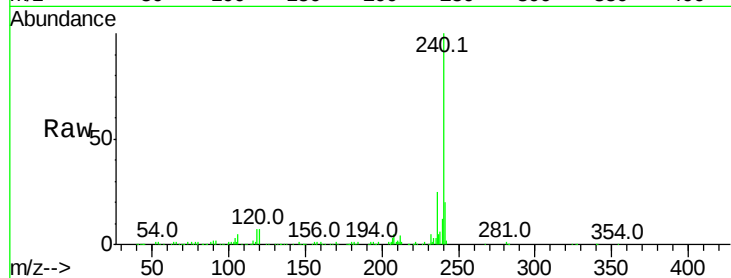
Tot Ion:240 Resp: 163468

Ion Ratio Lower Upper

240 100

120 7.1 7.4 11.0#

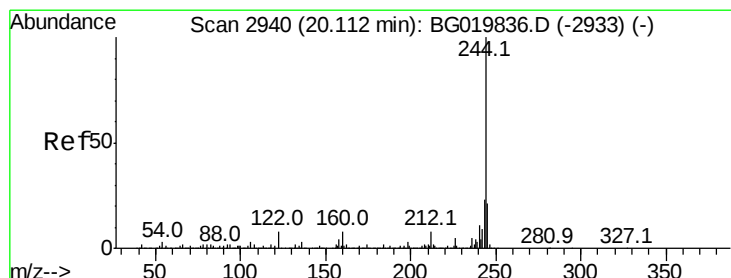
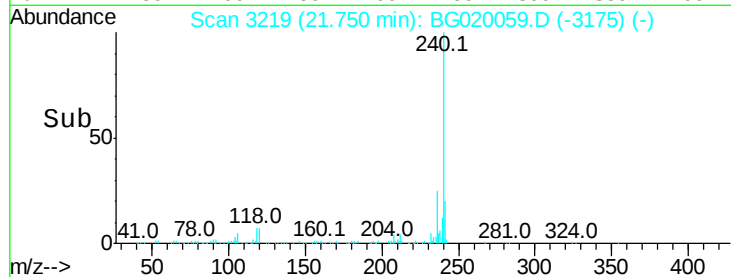
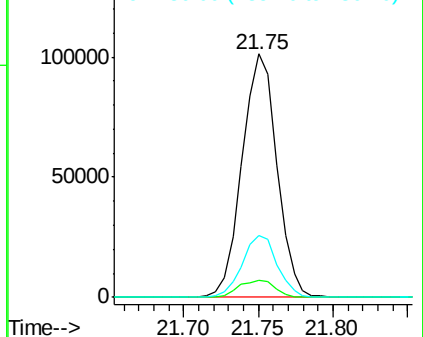
236 25.3 20.7 31.1



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: 94.53 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.03 min

Lab File: BG020059.D

Acq: 10 Dec 2015 1:07

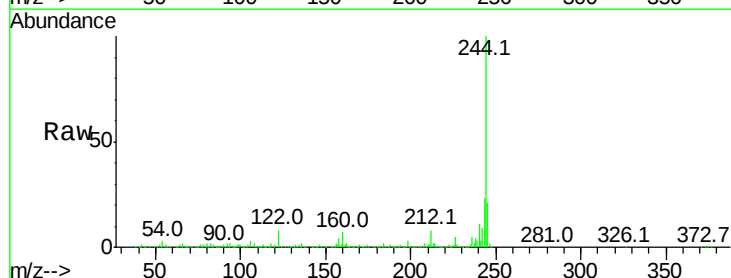
Tgt Ion:244 Resp: 633524

Ion Ratio Lower Upper

244 100

212 8.0 6.9 10.3

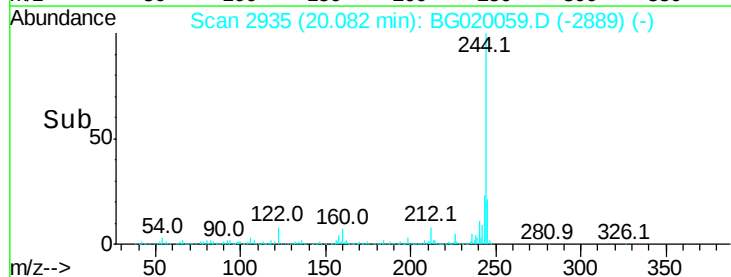
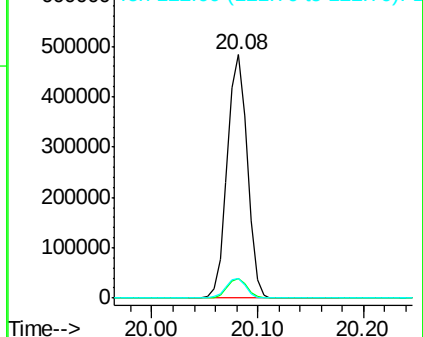
122 8.2 10.2 15.2#

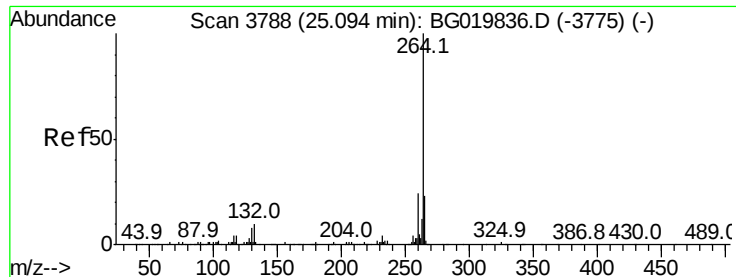


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

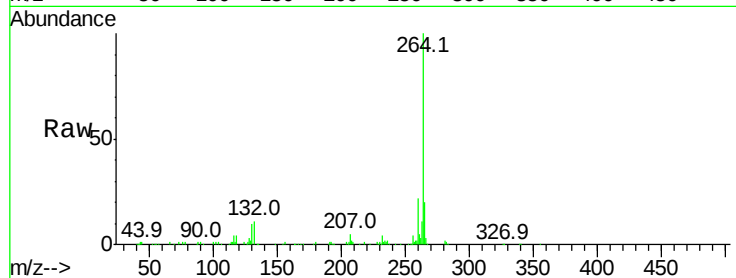




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.02 min Scan# 3776
 Delta R.T. -0.07 min
 Lab File: BG020059.D
 Acq: 10 Dec 2015 1:07

Instrument :
 BNA_G
 ClientSampleId :
 A8-3C

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.0	18.5	27.7
265	20.4	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

