

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060816\
 Data File : BG022253.D
 Acq On : 9 Jun 2016 4:06
 Operator : UM/SJ
 Sample : H3381-12
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-41

Quant Time: Jun 09 07:21:16 2016
 Quant Title :
 QLast Update : Mon Jun 06 16:12:45 2016
 Response via : Initial Calibration

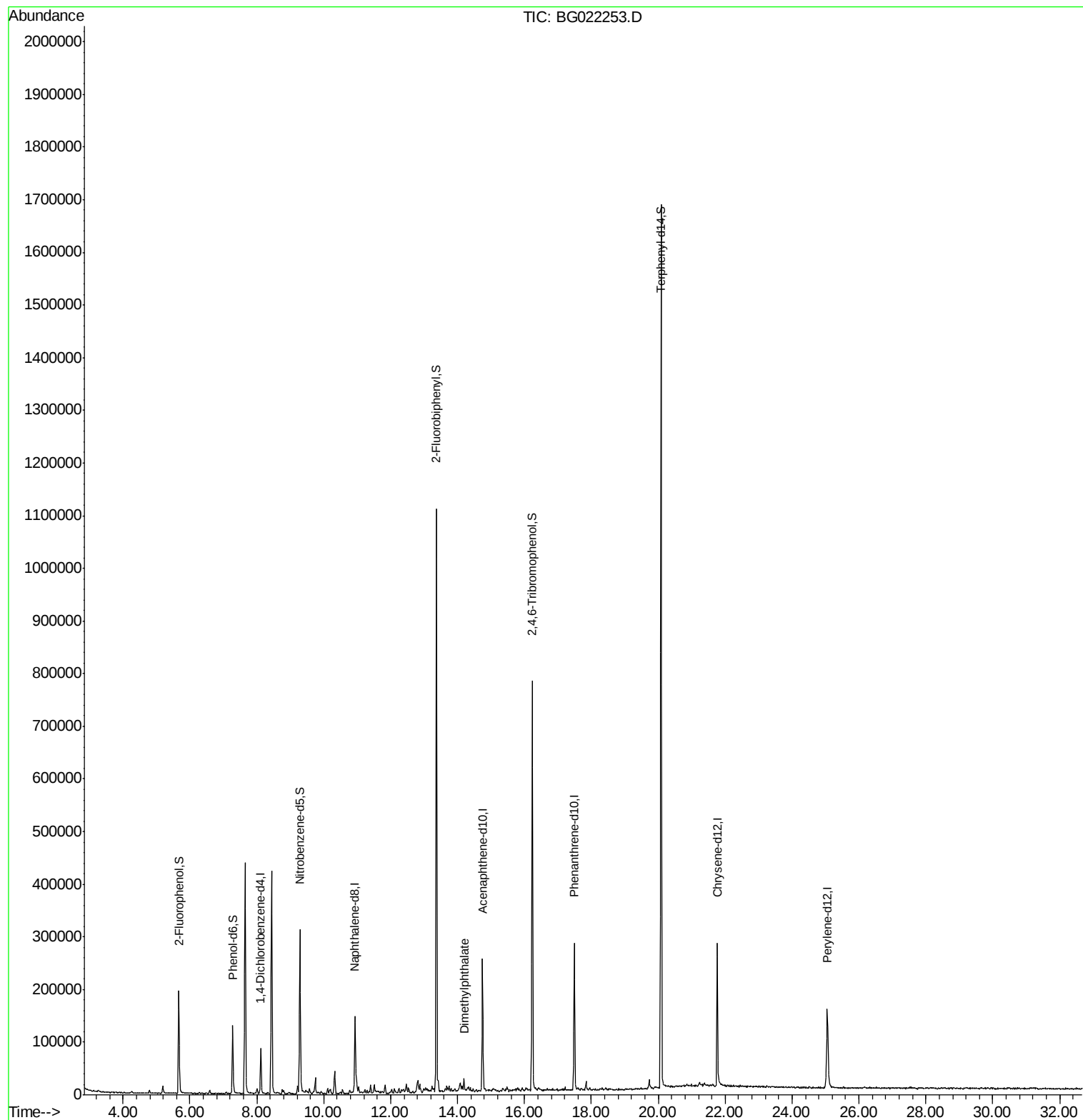
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	32618	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	159474	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	94496	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	196894	20.00	ng	0.00
75) Chrysene-d12	21.76	240	183528	20.00	ng	0.00
86) Perylene-d12	25.05	264	174073	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	131677	78.05	ng	0.00
7) Phenol-d6	7.27	99	119689	45.12	ng	0.00
23) Nitrobenzene-d5	9.29	82	250600	109.56	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	167303	156.69	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	674461	108.77	ng	0.00
78) Terphenyl-d14	20.08	244	804983	104.13	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.19	163	16409	2.09	ng	Ovalue # 99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 899

Delta R.T. -0.00 min

Lab File: BG022253.D

Acq: 9 Jun 2016 4:06

Instrument :

BNA_G

ClientSampleId :

W-41

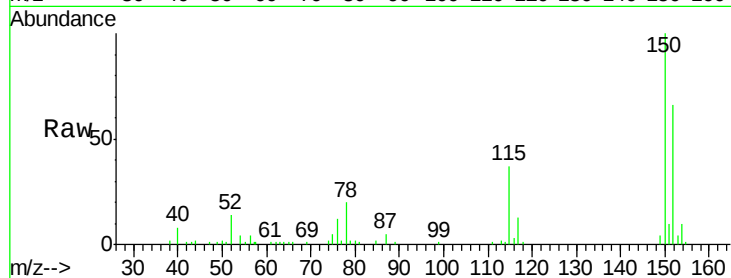
Tot Ion:152 Resp: 32618

Ion Ratio Lower Upper

152 100

150 152.6 130.1 195.1

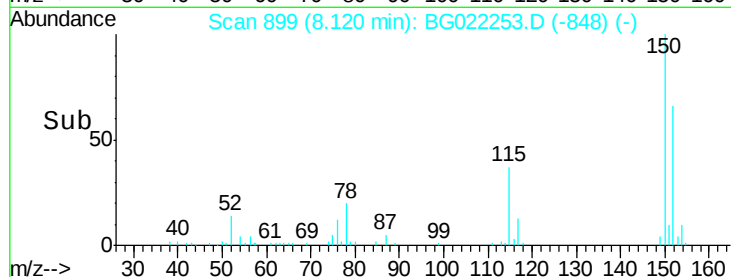
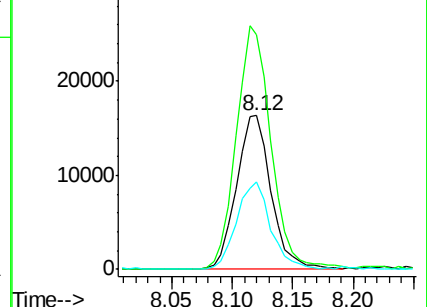
115 56.6 62.2 93.2#



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: 78.05 ng

RT: 5.66 min Scan# 481

Delta R.T. -0.00 min

Lab File: BG022253.D

Acq: 9 Jun 2016 4:06

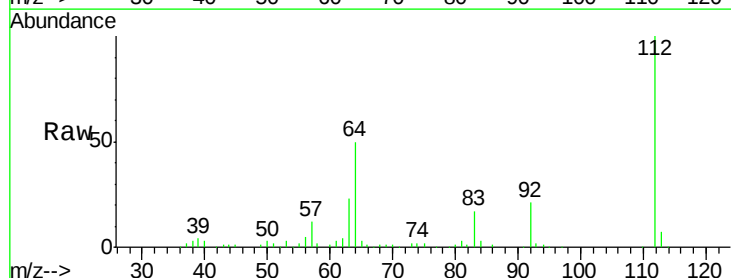
Tgt Ion:112 Resp: 131677

Ion Ratio Lower Upper

112 100

64 49.6 51.1 76.7#

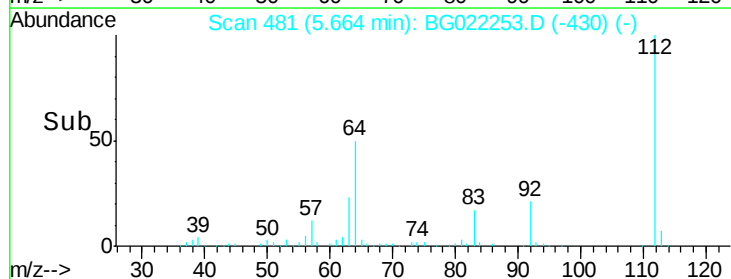
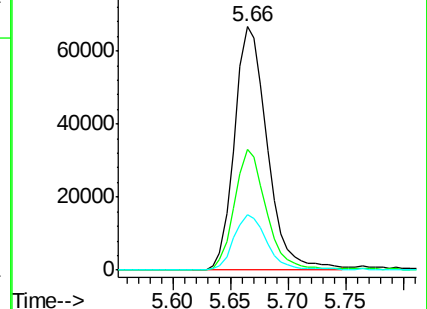
63 22.7 24.6 37.0#

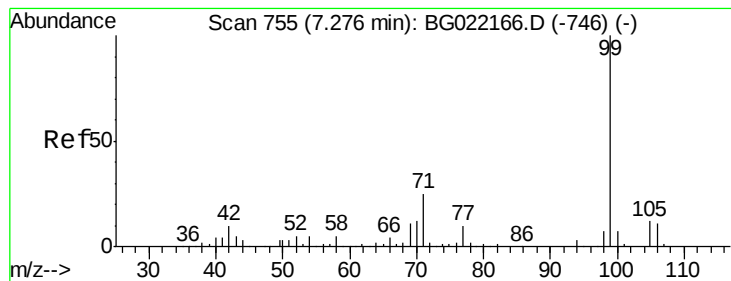


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 45.12 ng

RT: 7.27 min Scan# 755

Delta R.T. -0.00 min

Lab File: BG022253.D

Acq: 9 Jun 2016 4:06

Instrument :

BNA_G

ClientSampleId :

W-41

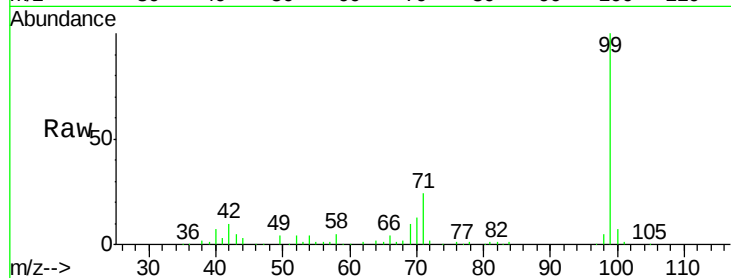
Tot Ion: 99 Resp: 119689

Ion Ratio Lower Upper

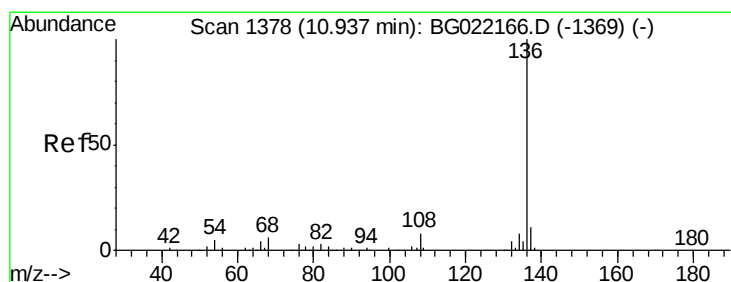
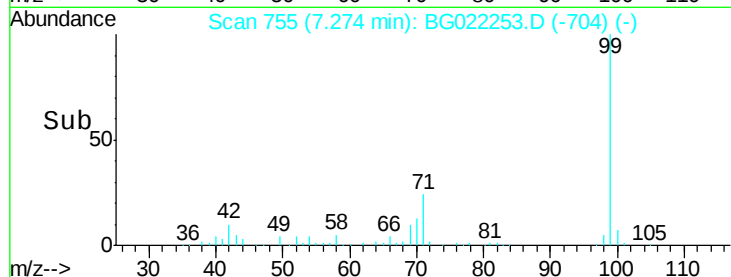
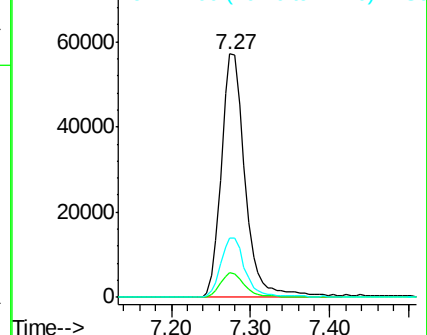
99 100

42 10.2 16.4 24.6#

71 24.5 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: 10.93 min Scan# 1378

Delta R.T. -0.00 min

Lab File: BG022253.D

Acq: 9 Jun 2016 4:06

Tgt Ion: 136 Resp: 159474

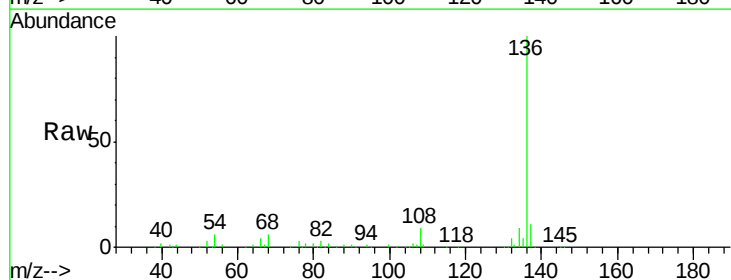
Ion Ratio Lower Upper

136 100

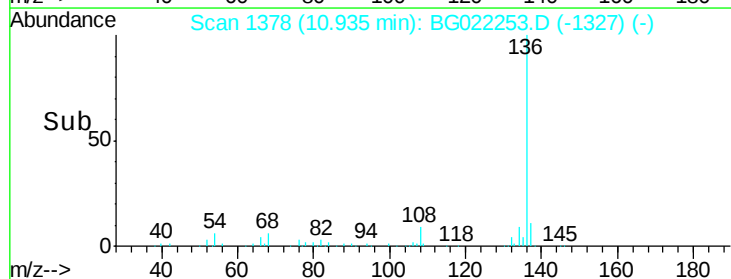
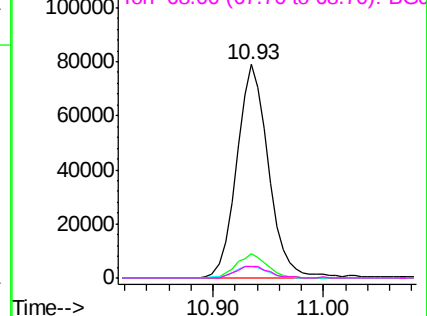
137 11.1 9.0 13.4

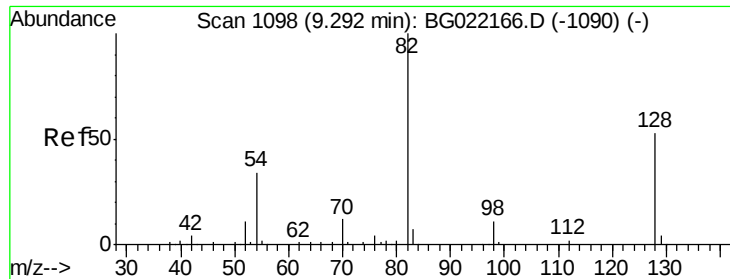
54 5.7 9.6 14.4#

68 5.6 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

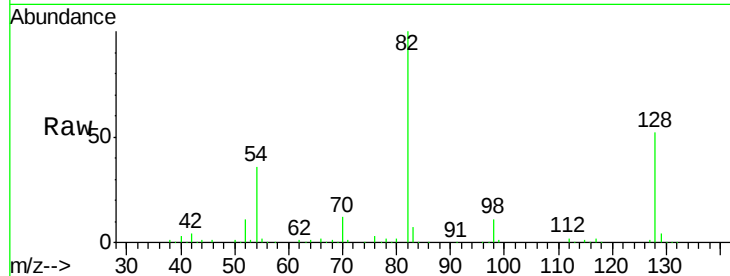




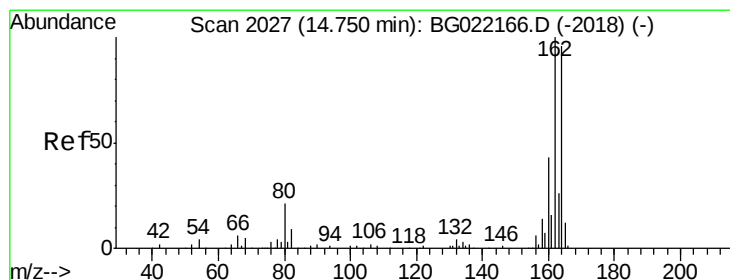
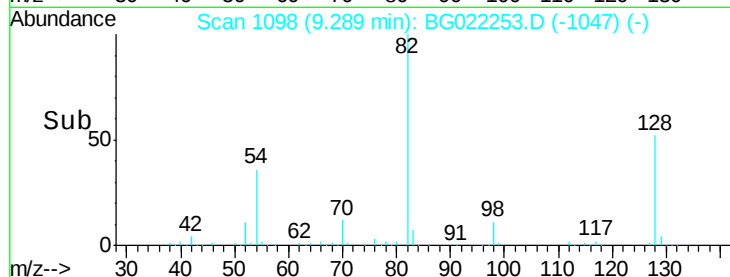
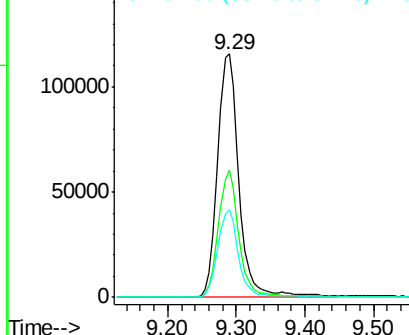
#23
Nitrobenzene-d5
Concen: 109.56 ng
RT: 9.29 min Scan# 1098
Delta R.T. -0.00 min
Lab File: BG022253.D
Acq: 9 Jun 2016 4:06

Instrument :
BNA_G
ClientSampleId :
W-41

Tot Ion: 82 Resp: 250600
Ion Ratio Lower Upper
82 100
128 52.4 33.4 50.0#
54 35.7 46.1 69.1#

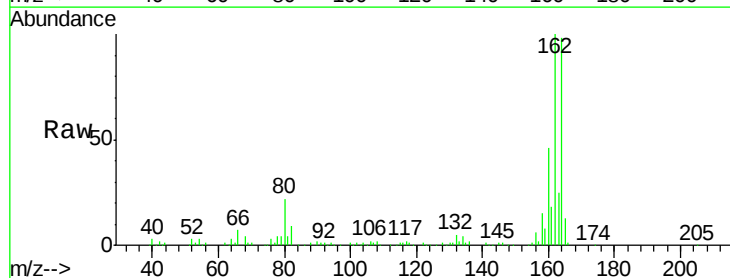


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

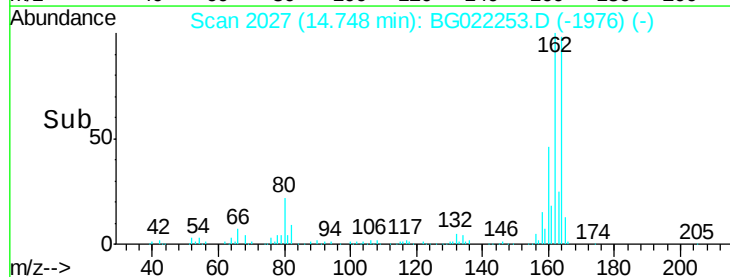
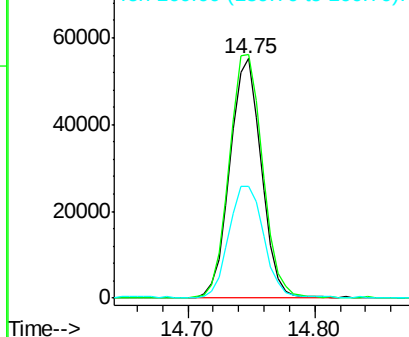


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BG022253.D
Acq: 9 Jun 2016 4:06

Tgt Ion:164 Resp: 94496
Ion Ratio Lower Upper
164 100
162 101.7 78.0 117.0
160 46.9 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

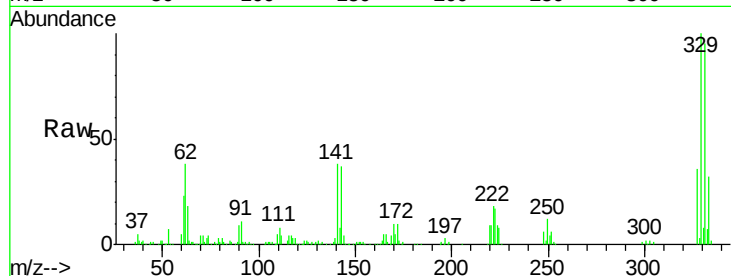




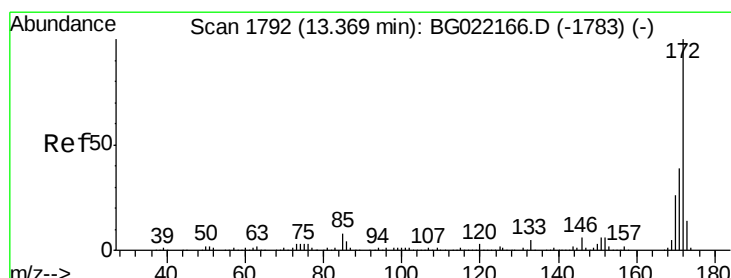
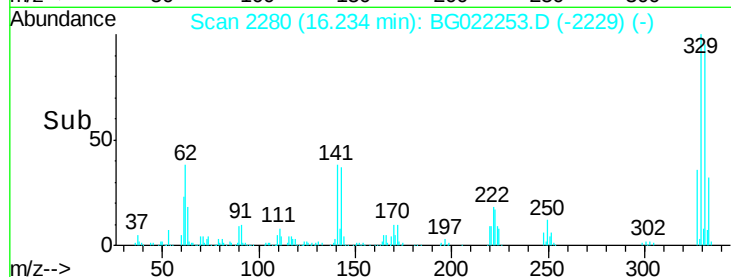
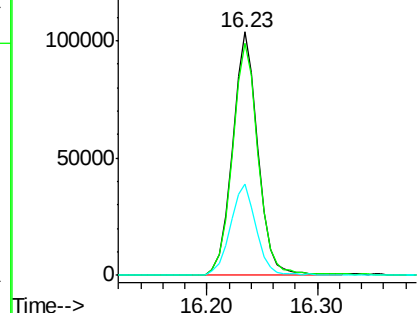
#41
 2,4,6-Tribromophenol
 Concen: 156.69 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: BG022253.D
 Acq: 9 Jun 2016 4:06

Instrument :
 BNA_G
 ClientSampled :
 W-41

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	78.0	117.0
141	38.4	33.8	50.8

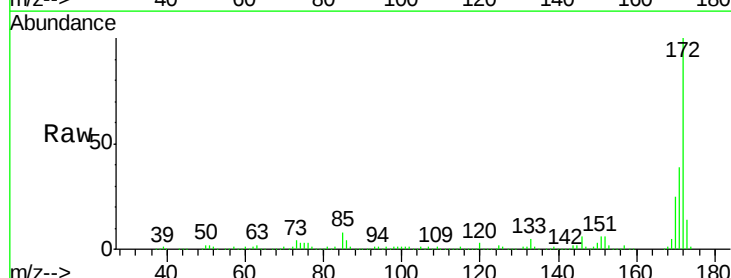


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

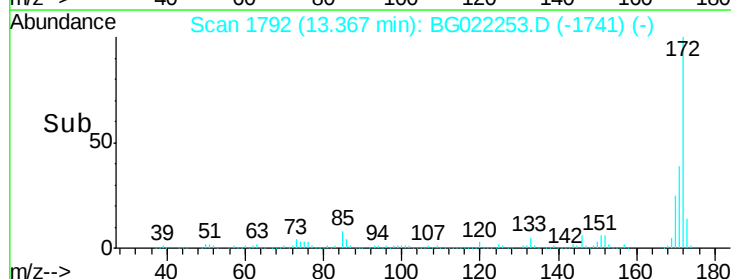
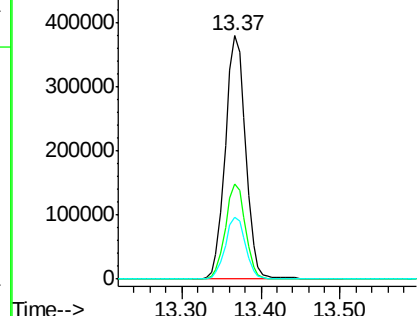


#44
 2-Fluorobiphenyl
 Concen: 108.77 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: BG022253.D
 Acq: 9 Jun 2016 4:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.2	27.8	41.6
170	25.3	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

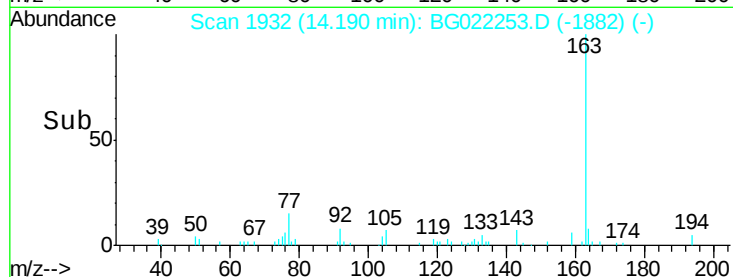
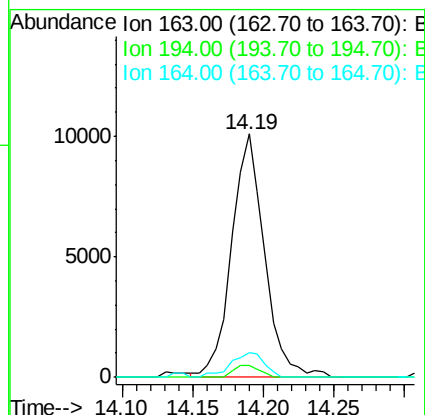
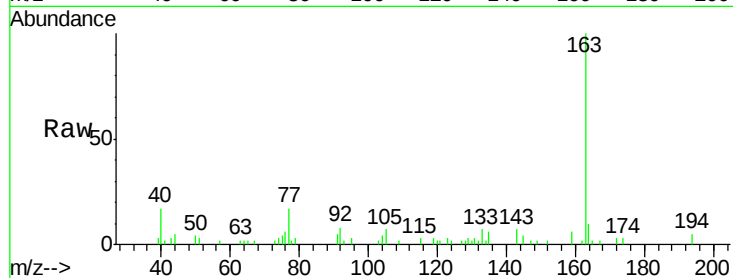




#49
Dimethylphthalate
Concen: 2.09 ng
RT: 14.19 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BG022253.D
Acq: 9 Jun 2016 4:06

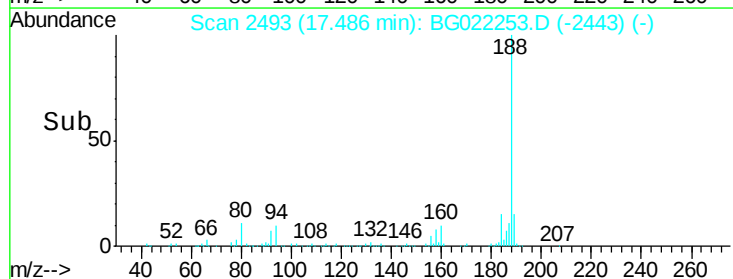
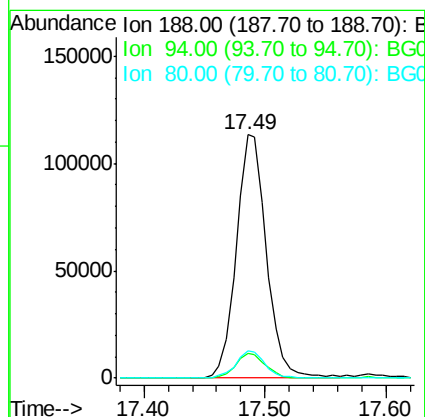
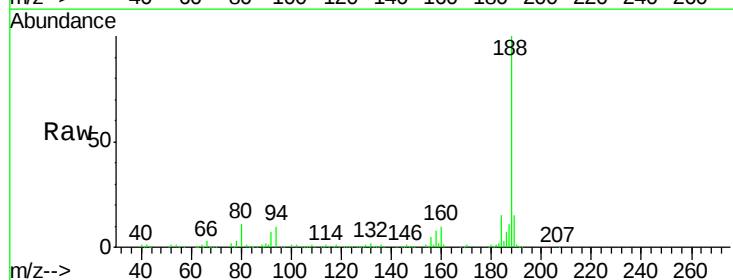
Instrument :
BNA_G
ClientSampled :
W-41

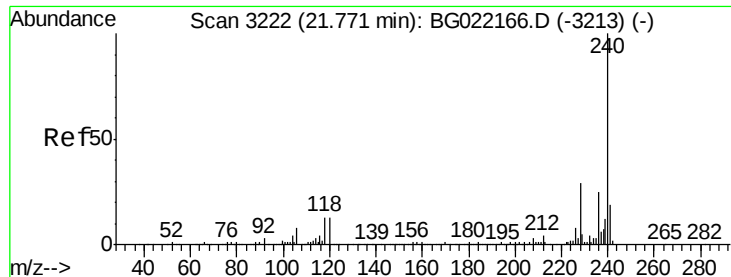
Tot Ion:163 Resp: 16409
Ion Ratio Lower Upper
163 100
194 4.8 3.0 4.6#
164 10.2 8.1 12.1



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2493
Delta R.T. -0.01 min
Lab File: BG022253.D
Acq: 9 Jun 2016 4:06

Tgt Ion:188 Resp: 196894
Ion Ratio Lower Upper
188 100
94 10.3 7.5 11.3
80 11.0 8.6 13.0





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3221

Delta R.T. -0.01 min

Lab File: BG022253.D

Acq: 9 Jun 2016 4:06

Instrument :

BNA_G

ClientSampleId :

W-41

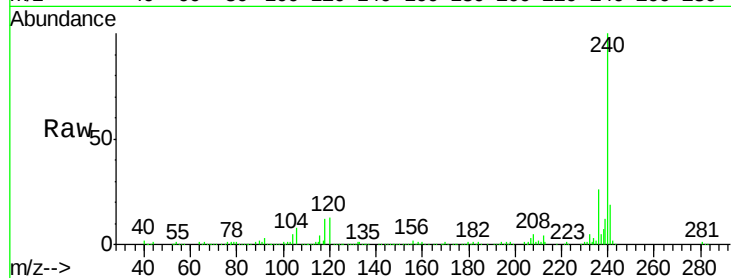
Tot Ion:240 Resp: 183528

Ion Ratio Lower Upper

240 100

120 13.1 8.4 12.6#

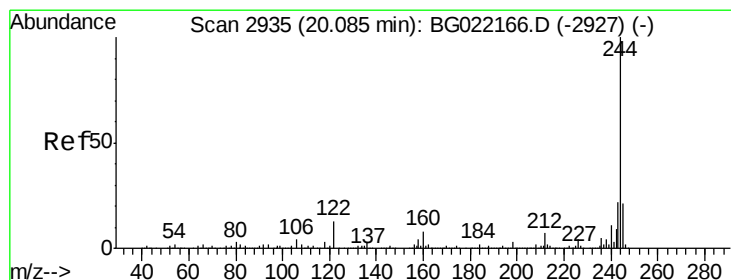
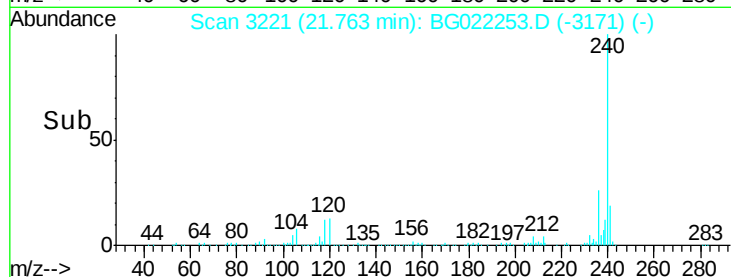
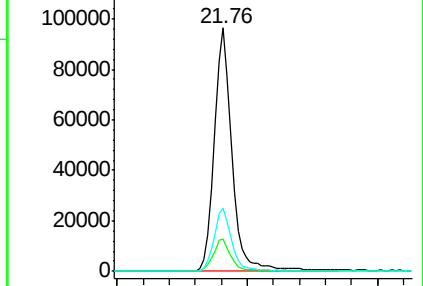
236 25.9 19.6 29.4



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: 104.13 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.00 min

Lab File: BG022253.D

Acq: 9 Jun 2016 4:06

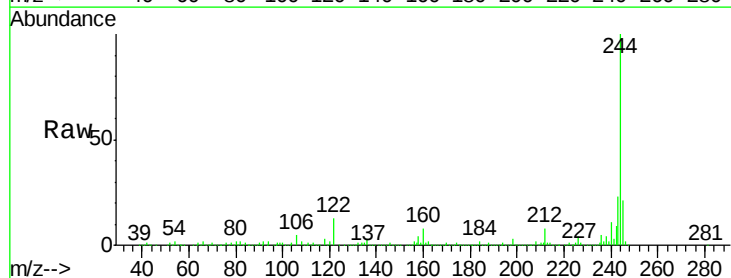
Tgt Ion:244 Resp: 804983

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

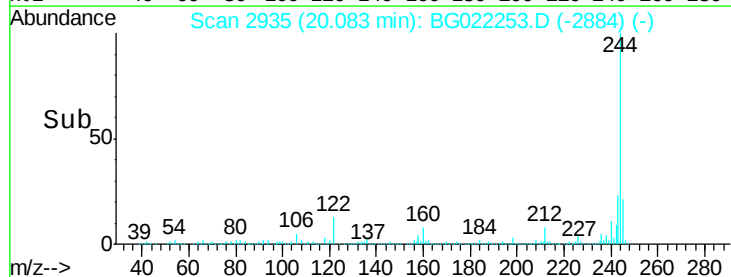
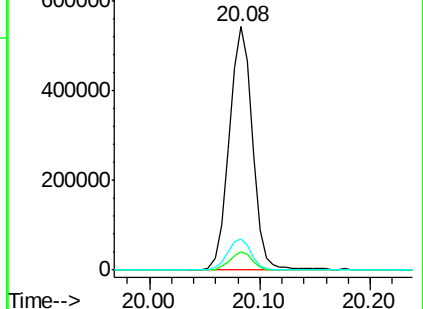
122 12.9 8.6 12.8#

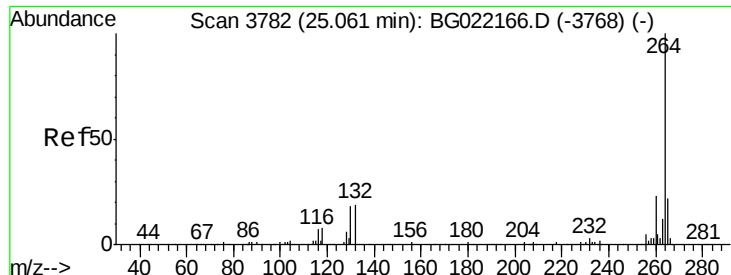


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

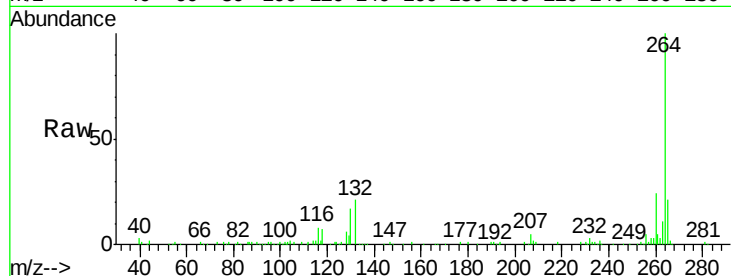




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.05 min Scan# 3781
 Delta R.T. -0.01 min
 Lab File: BG022253.D
 Acq: 9 Jun 2016 4:06

Instrument :
 BNA_G
 ClientSampleId :
 W-41

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	20.2	30.4
265	21.4	17.8	26.8



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

