

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120815\
 Data File : BG020012.D
 Acq On : 8 Dec 2015 11:12
 Operator : UM/SJ
 Sample : G4676-22
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-12B

Quant Time: Dec 09 04:18:35 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

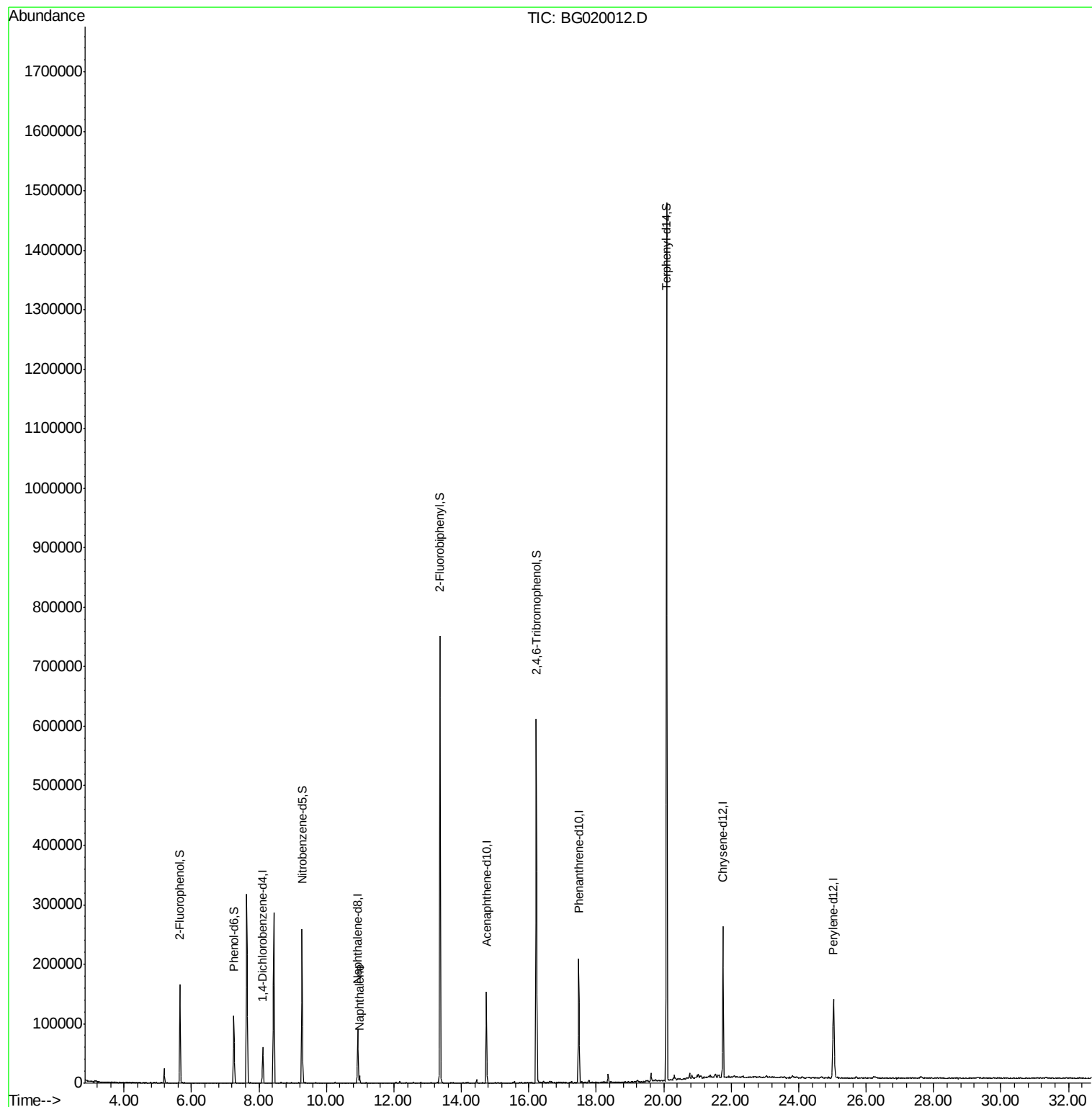
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	16801	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	76124	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	52593	20.00	ng	-0.02
63) Phenanthrene-d10	17.48	188	131350	20.00	ng	-0.03
75) Chrysene-d12	21.76	240	162850	20.00	ng	-0.04
86) Perylene-d12	25.03	264	150244	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	68752	73.96	ng	-0.01
7) Phenol-d6	7.26	99	62821	44.76	ng	-0.02
23) Nitrobenzene-d5	9.28	82	156161	104.69	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	112987	140.41	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	387179	100.52	ng	-0.02
78) Terphenyl-d14	20.08	244	654682	98.06	ng	-0.03
Target Compounds						
31) Naphthalene	10.97	128	10954	2.69	ng	Qvalue 95

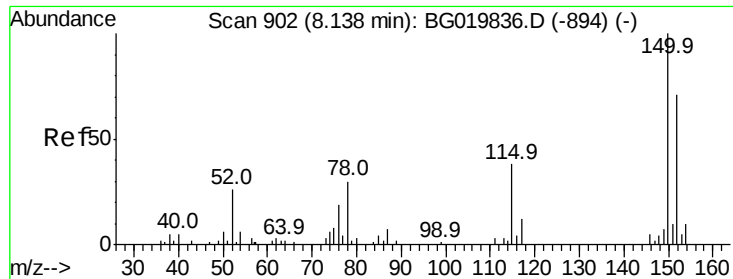
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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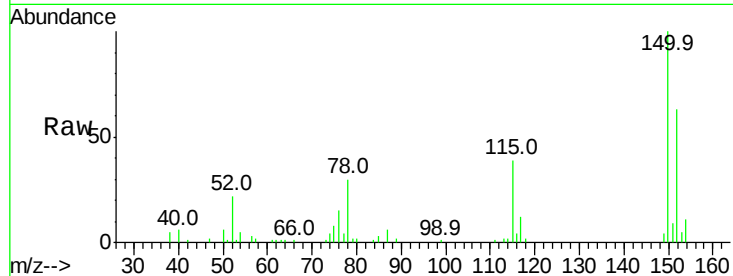


#1

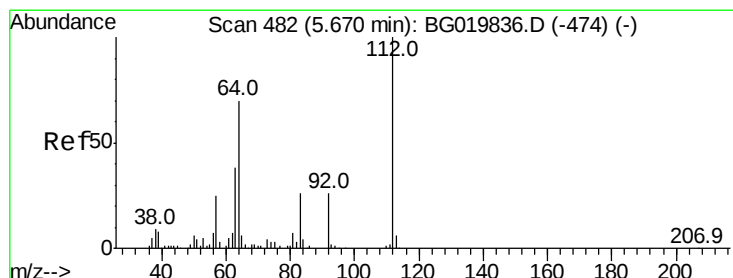
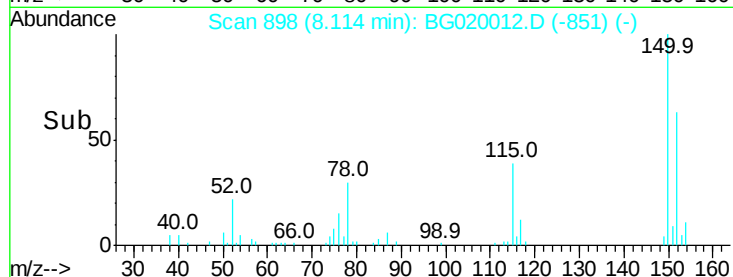
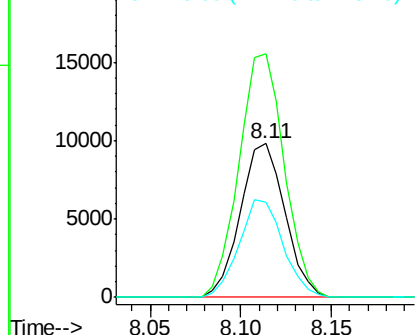
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 898
Delta R.T. -0.02 min
Lab File: BG020012.D
Acq: 8 Dec 2015 11:12

Instrument :
BNA_G
ClientSampleId :
MW-12B

Tot Ion:152 Resp: 16801
Ion Ratio Lower Upper
152 100
150 158.5 115.0 172.4
115 62.0 43.9 65.9



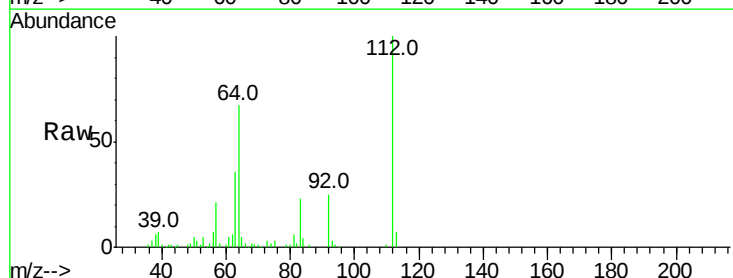
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



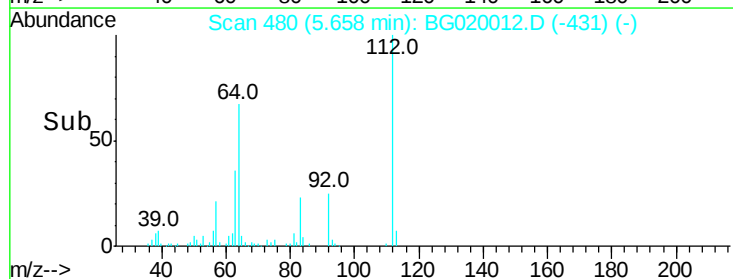
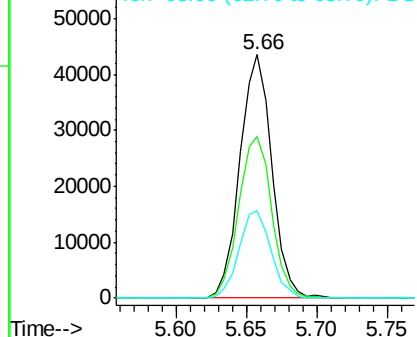
#5

2-Fluorophenol
Concen: 73.96 ng
RT: 5.66 min Scan# 480
Delta R.T. -0.01 min
Lab File: BG020012.D
Acq: 8 Dec 2015 11:12

Tgt Ion:112 Resp: 68752
Ion Ratio Lower Upper
112 100
64 66.7 43.7 65.5#
63 36.1 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: 44.76 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.02 min

Lab File: BG020012.D

Acq: 8 Dec 2015 11:12

Instrument :

BNA_G

ClientSampled :

MW-12B

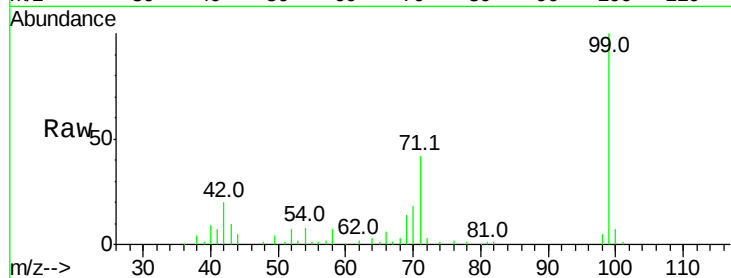
Tot Ion: 99 Resp: 62821

Ion Ratio Lower Upper

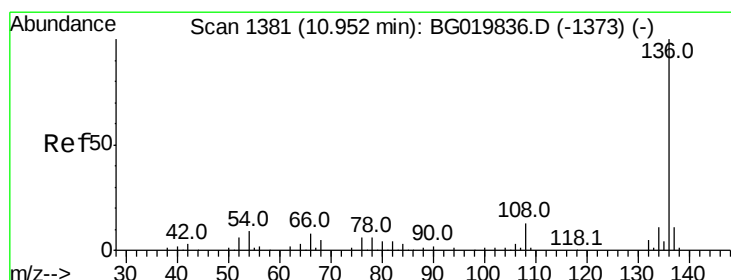
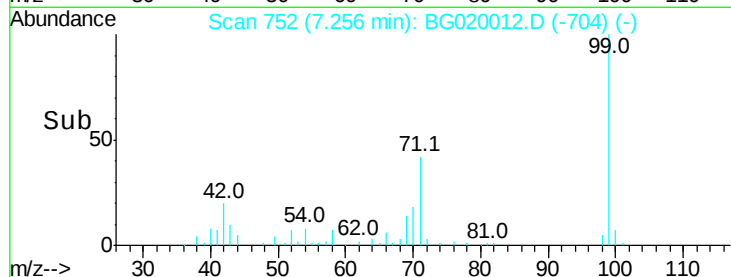
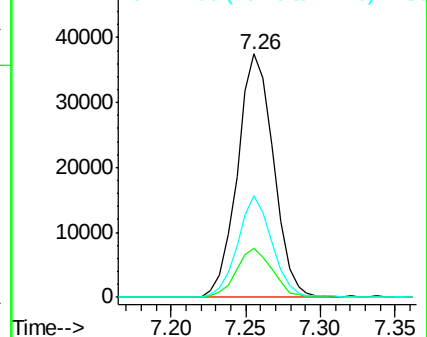
99 100

42 19.9 11.5 17.3#

71 41.7 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: BG020012.D

Acq: 8 Dec 2015 11:12

Tgt Ion: 136 Resp: 76124

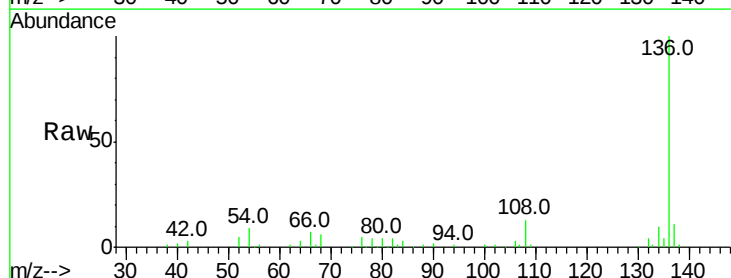
Ion Ratio Lower Upper

136 100

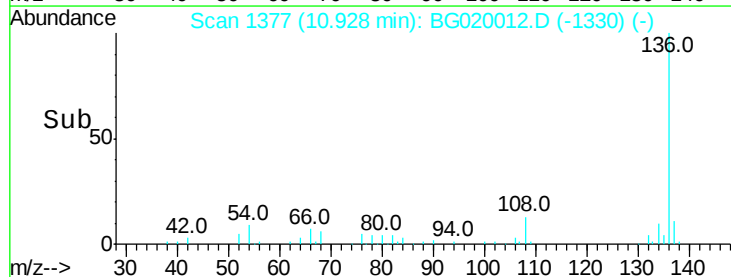
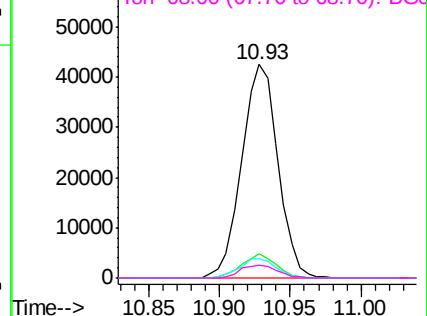
137 11.3 8.6 12.8

54 8.9 5.4 8.2#

68 6.1 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

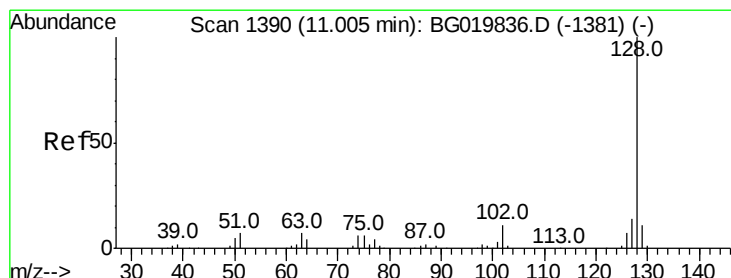
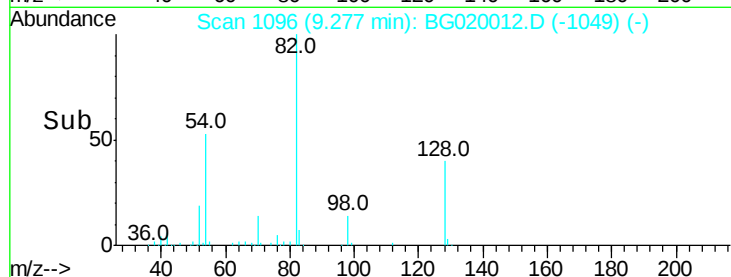
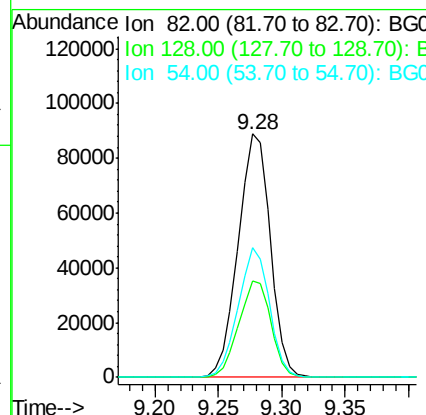
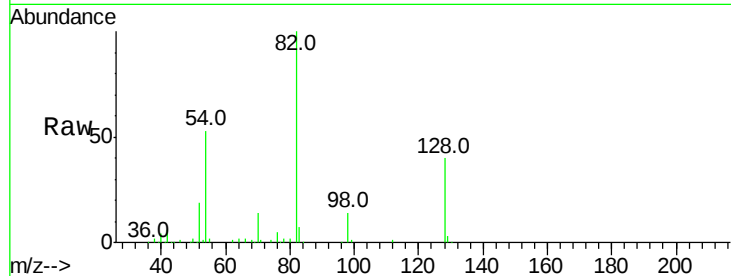




#23
Nitrobenzene-d5
Concen: 104.69 ng
RT: 9.28 min Scan# 1096
Delta R.T. -0.02 min
Lab File: BG020012.D
Acq: 8 Dec 2015 11:12

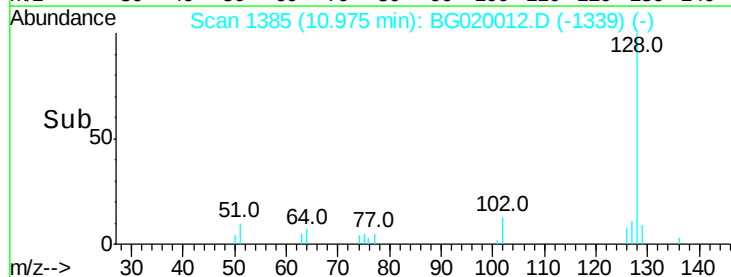
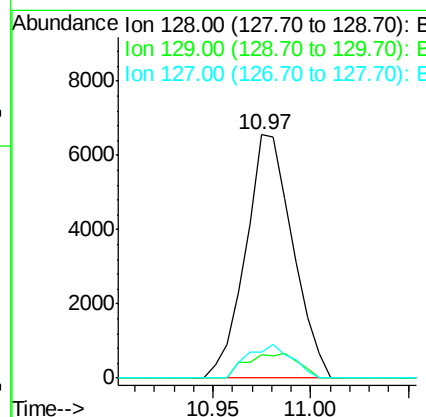
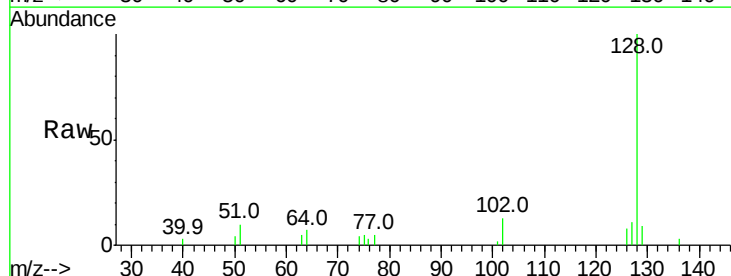
Instrument :
BNA_G
ClientSampleId :
MW-12B

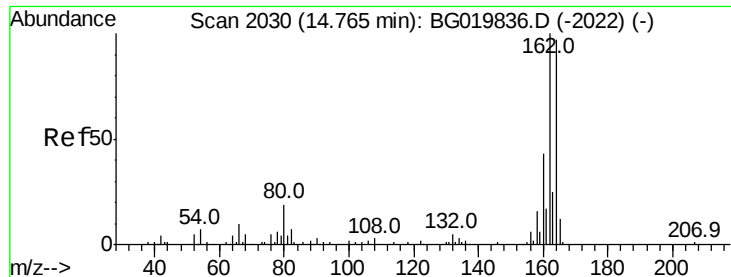
Tot Ion: 82 Resp: 156161
Ion Ratio Lower Upper
82 100
128 39.8 36.7 55.1
54 53.3 33.8 50.8#



#31
Naphthalene
Concen: 2.69 ng
RT: 10.97 min Scan# 1385
Delta R.T. -0.03 min
Lab File: BG020012.D
Acq: 8 Dec 2015 11:12

Tgt Ion: 128 Resp: 10954
Ion Ratio Lower Upper
128 100
129 9.4 8.5 12.7
127 10.9 10.6 16.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.74 min Scan# 2026

Delta R.T. -0.02 min

Lab File: BG020012.D

Acq: 8 Dec 2015 11:12

Instrument :

BNA_G

ClientSampleId :

MW-12B

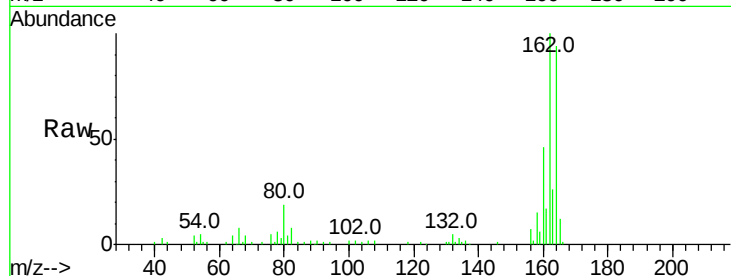
Tot Ion:164 Resp: 52593

Ion Ratio Lower Upper

164 100

162 106.0 78.8 118.2

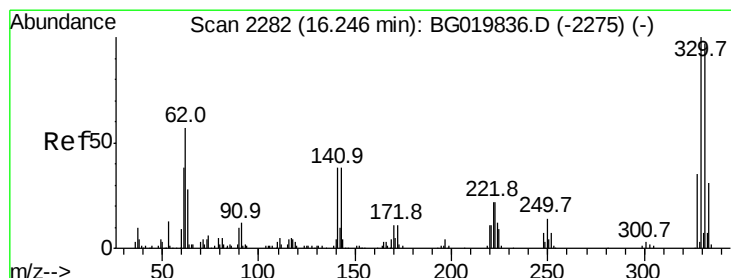
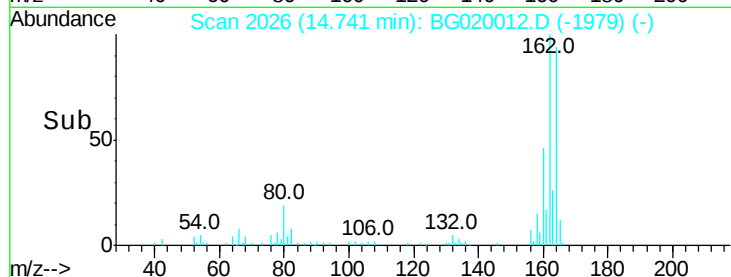
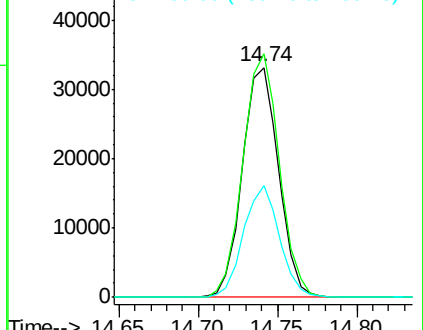
160 48.8 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 140.41 ng

RT: 16.23 min Scan# 2279

Delta R.T. -0.02 min

Lab File: BG020012.D

Acq: 8 Dec 2015 11:12

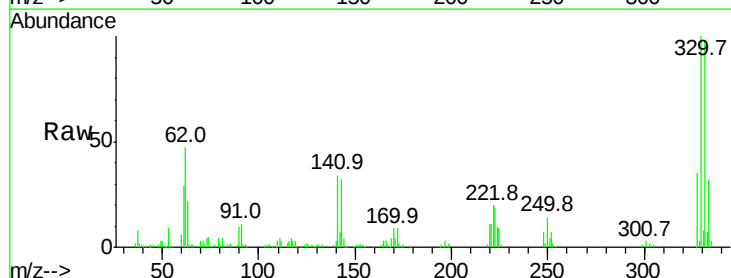
Tgt Ion:330 Resp: 112987

Ion Ratio Lower Upper

330 100

332 98.0 78.1 117.1

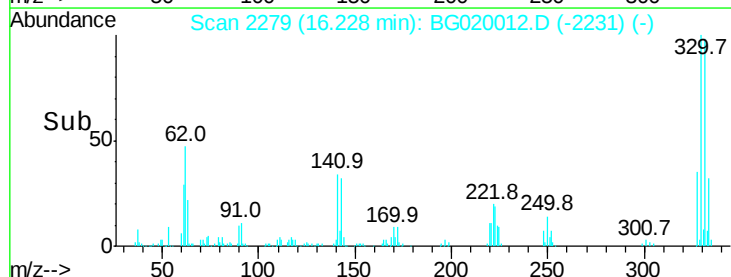
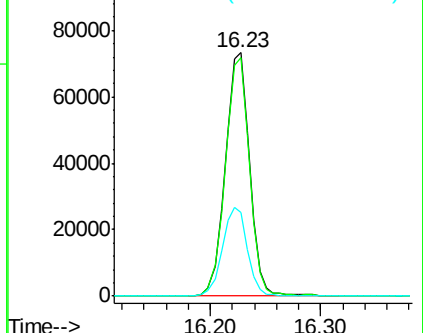
141 37.2 28.2 42.2

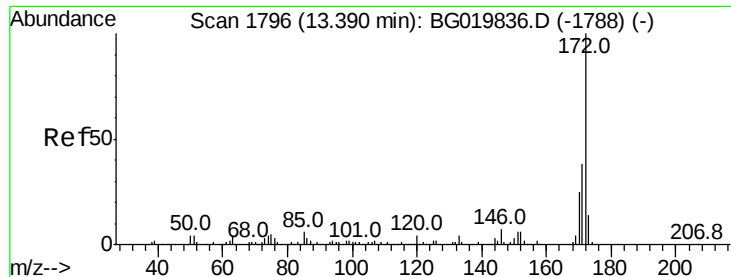


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

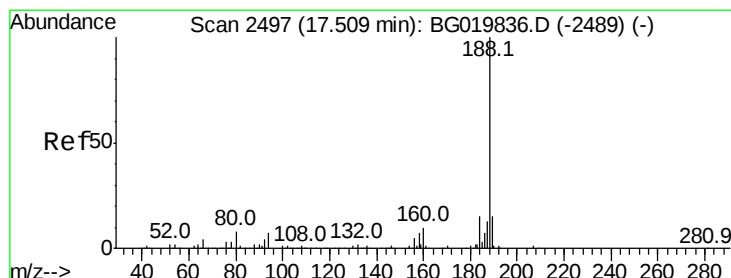
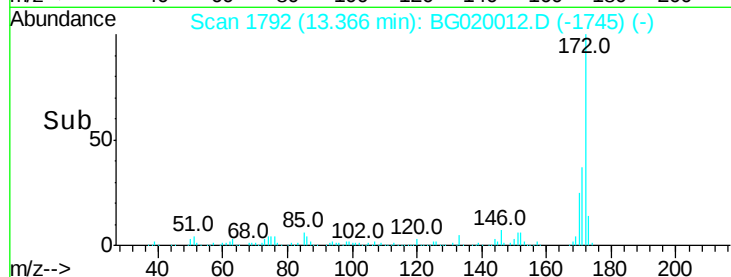
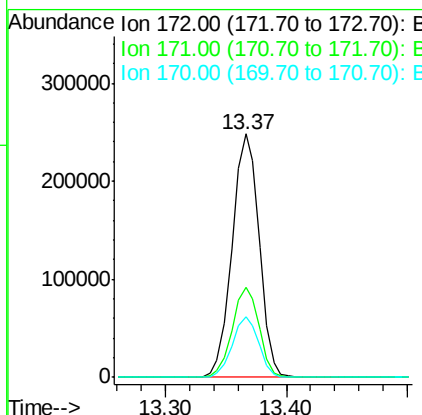
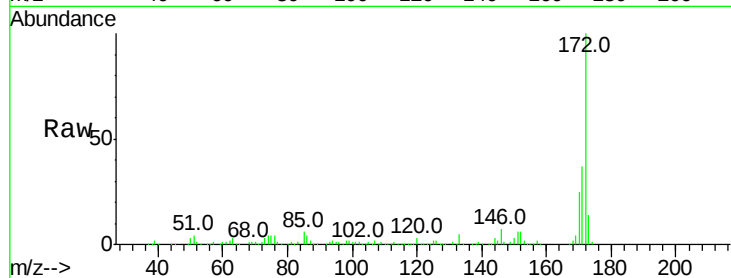




#44
2-Fluorobiphenyl
Concen: 100.52 ng
RT: 13.37 min Scan# 1792
Delta R.T. -0.02 min
Lab File: BG020012.D
Acq: 8 Dec 2015 11:12

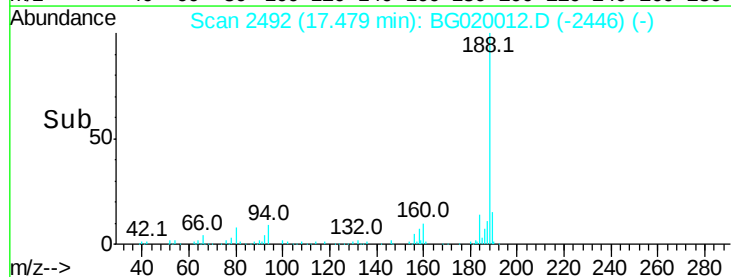
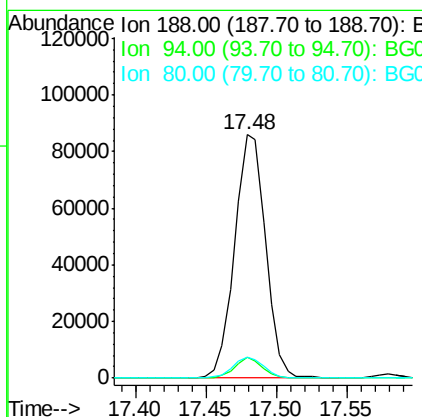
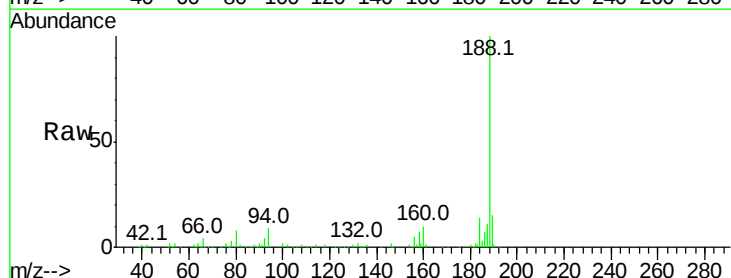
Instrument :
BNA_G
ClientSampleId :
MW-12B

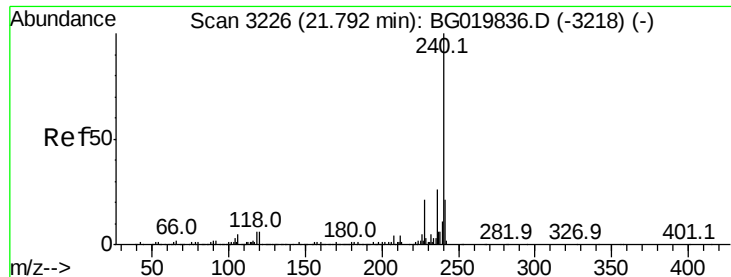
Tot Ion:172 Resp: 387179
Ion Ratio Lower Upper
172 100
171 36.8 29.0 43.6
170 25.1 19.9 29.9



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.03 min
Lab File: BG020012.D
Acq: 8 Dec 2015 11:12

Tgt Ion:188 Resp: 131350
Ion Ratio Lower Upper
188 100
94 8.7 7.7 11.5
80 8.5 7.8 11.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3220

Delta R.T. -0.04 min

Lab File: BG020012.D

Acq: 8 Dec 2015 11:12

Instrument :

BNA_G

ClientSampleId :

MW-12B

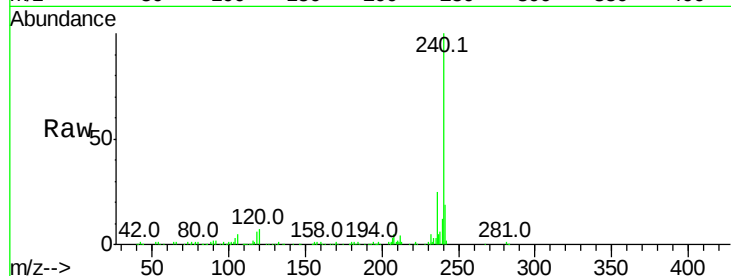
Tot Ion:240 Resp: 162850

Ion Ratio Lower Upper

240 100

120 6.6 7.4 11.0#

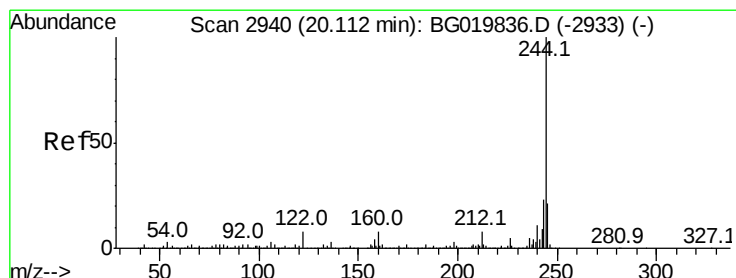
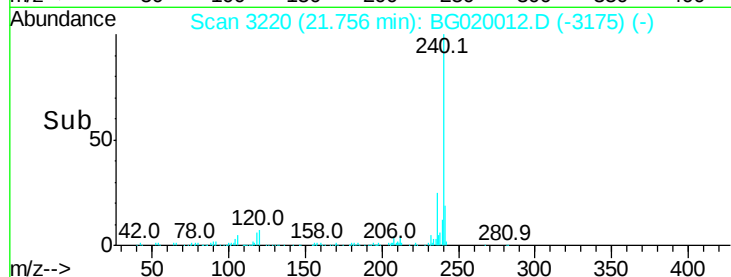
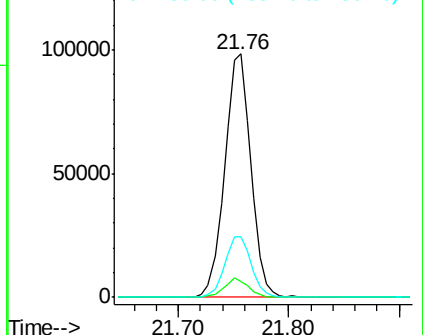
236 25.0 20.7 31.1



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: 98.06 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.03 min

Lab File: BG020012.D

Acq: 8 Dec 2015 11:12

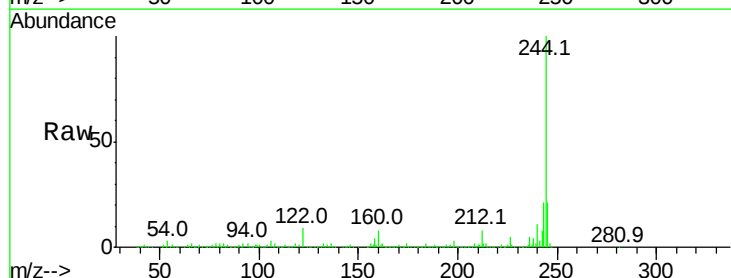
Tgt Ion:244 Resp: 654682

Ion Ratio Lower Upper

244 100

212 8.3 6.9 10.3

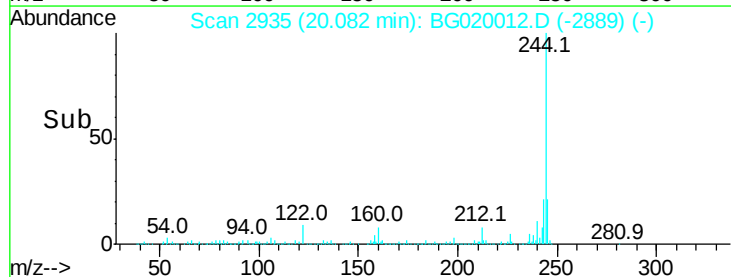
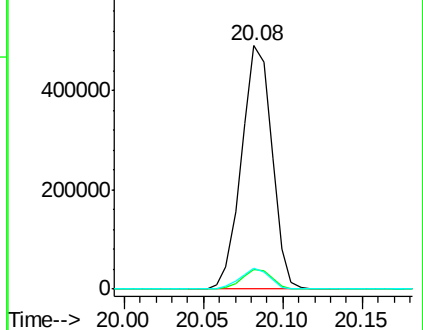
122 8.8 10.2 15.2#

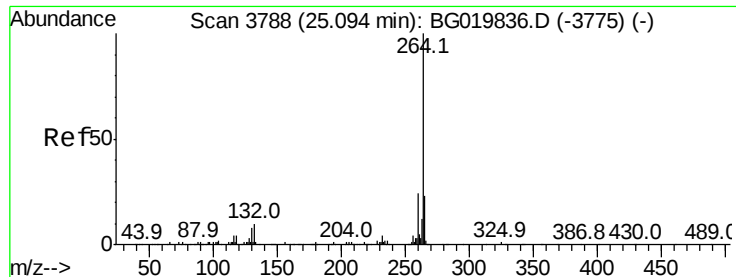


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.03 min Scan# 3778
Delta R.T. -0.06 min
Lab File: BG020012.D
Acq: 8 Dec 2015 11:12

Instrument :
BNA_G
ClientSampleId :
MW-12B

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.5	27.7
265	22.7	17.2	25.8

