

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120715\
 Data File : BG020002.D
 Acq On : 8 Dec 2015 4:38
 Operator : UM/NP
 Sample : G4676-14
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-111B

Quant Time: Dec 08 06:36:48 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	19237	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	83164	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	57934	20.00	ng	-0.02
63) Phenanthrene-d10	17.48	188	141957	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	172850	20.00	ng	-0.04
86) Perylene-d12	25.03	264	162431	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	73290	68.86	ng	-0.01
7) Phenol-d6	7.26	99	67661	42.10	ng	-0.02
23) Nitrobenzene-d5	9.28	82	155461	95.40	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	111840	126.17	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	376683	88.78	ng	-0.02
78) Terphenyl-d14	20.08	244	627688	88.58	ng	-0.03

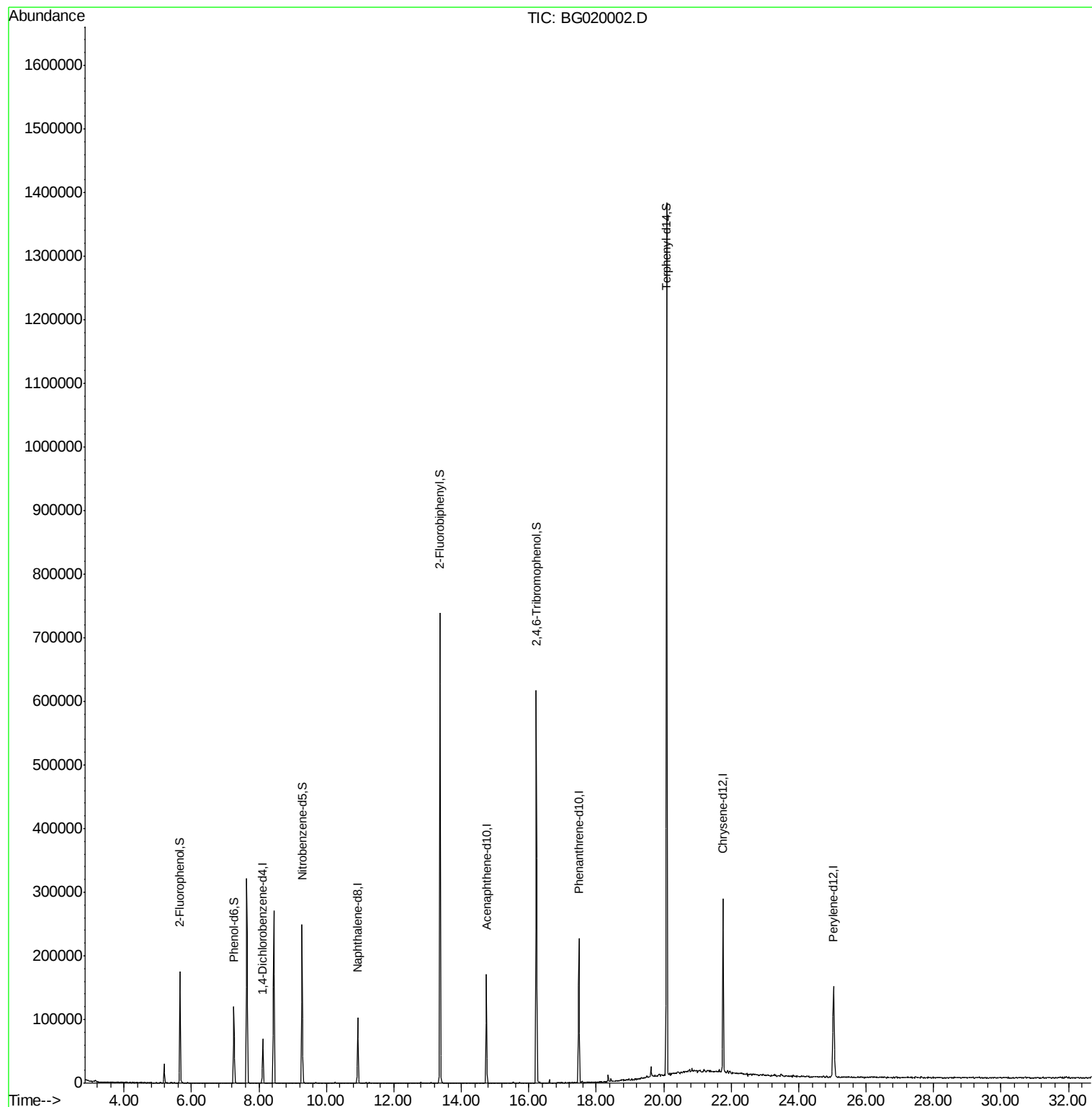
Target Compounds Qvalue

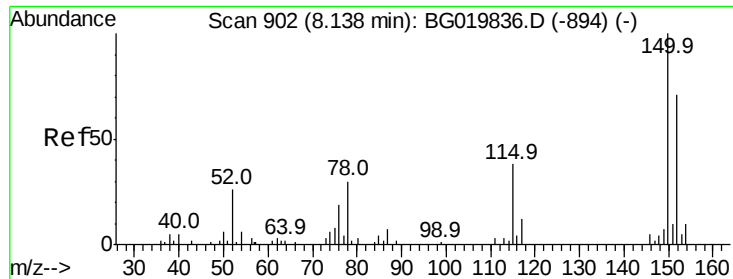
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120715\
Data File : BG020002.D
Acq On : 8 Dec 2015 4:38
Operator : UM/NP
Sample : G4676-14
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-111B

Quant Time: Dec 08 06:36:48 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.11 min Scan# 898

Delta R.T. -0.02 min

Lab File: BG020002.D

Acq: 8 Dec 2015 4:38

Instrument :

BNA_G

ClientSampleId :

MW-111B

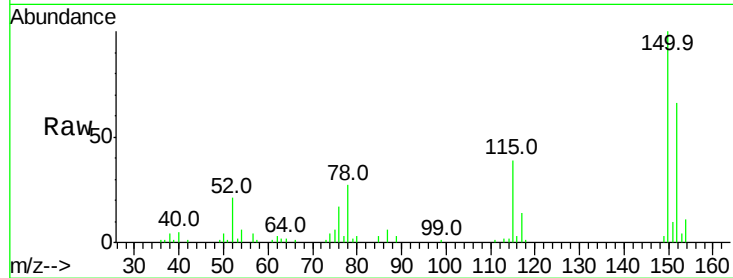
Tot Ion:152 Resp: 19237

Ion Ratio Lower Upper

152 100

150 151.5 115.0 172.4

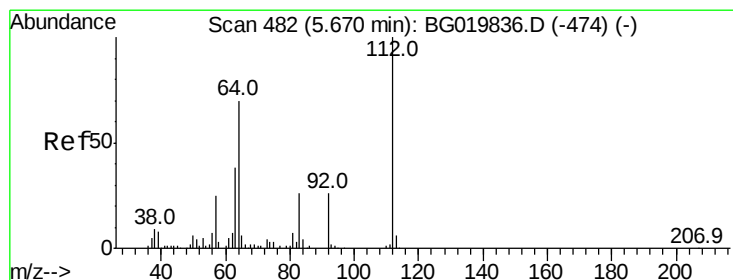
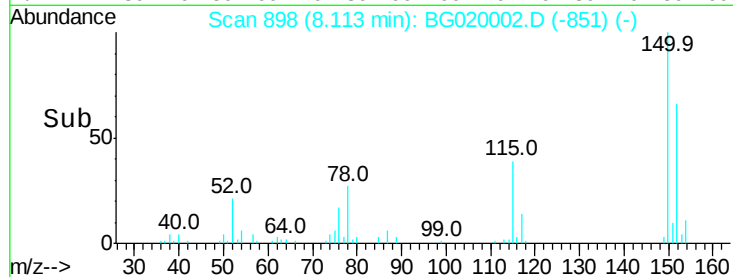
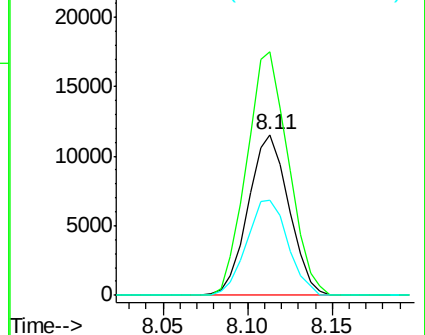
115 59.6 43.9 65.9



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: 68.86 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG020002.D

Acq: 8 Dec 2015 4:38

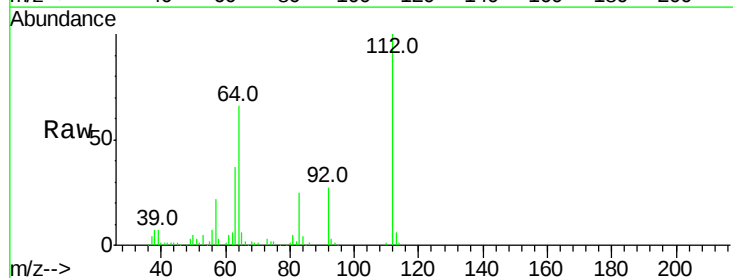
Tgt Ion:112 Resp: 73290

Ion Ratio Lower Upper

112 100

64 66.0 43.7 65.5#

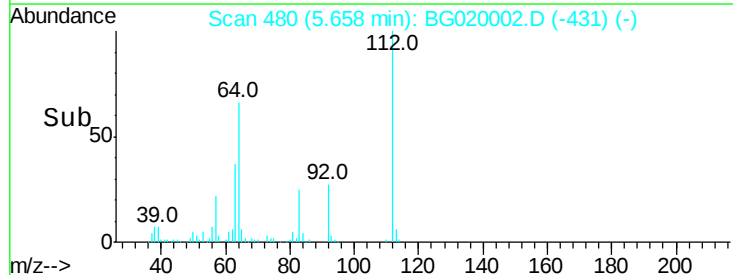
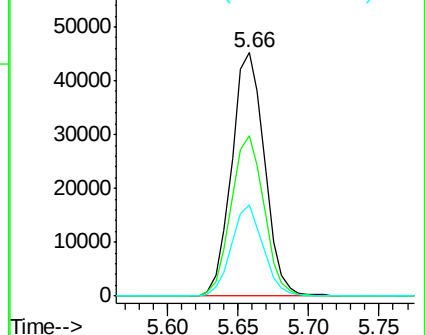
63 37.2 24.0 36.0#



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: 42.10 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.02 min

Lab File: BG020002.D

Acq: 8 Dec 2015 4:38

Instrument :

BNA_G

ClientSampleId :

MW-111B

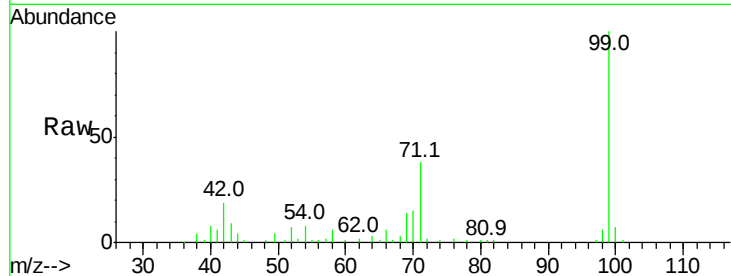
Tot Ion: 99 Resp: 67661

Ion Ratio Lower Upper

99 100

42 18.8 11.5 17.3#

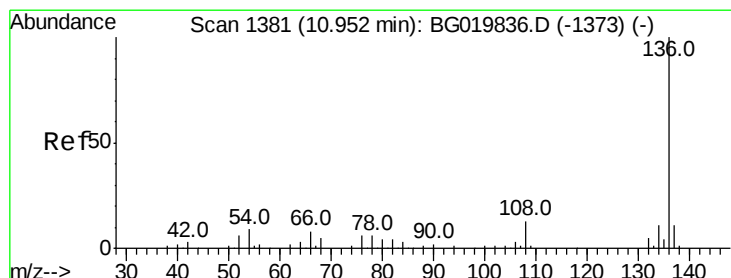
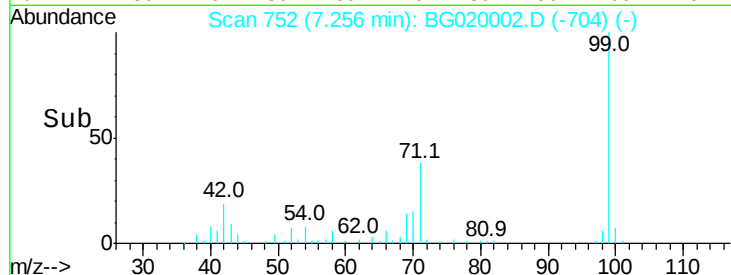
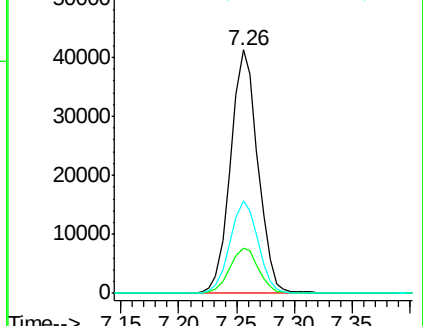
71 38.2 22.6 34.0#



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: BG020002.D

Acq: 8 Dec 2015 4:38

Tgt Ion: 136 Resp: 83164

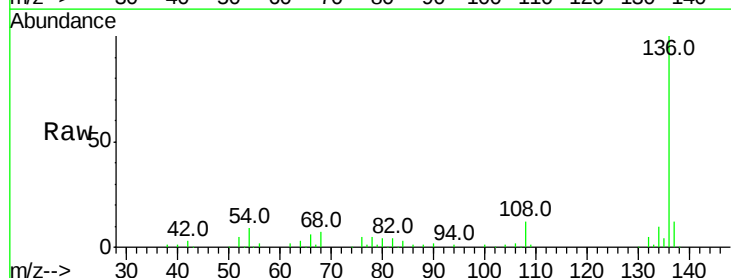
Ion Ratio Lower Upper

136 100

137 12.0 8.6 12.8

54 9.2 5.4 8.2#

68 6.9 5.3 7.9

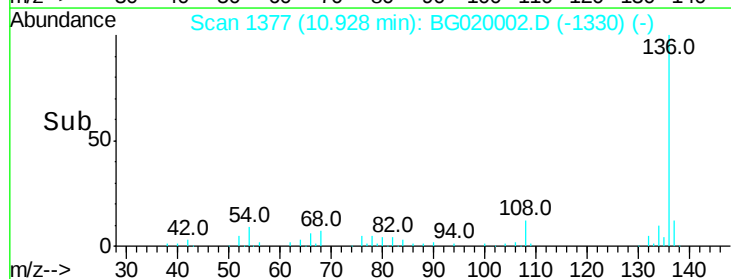
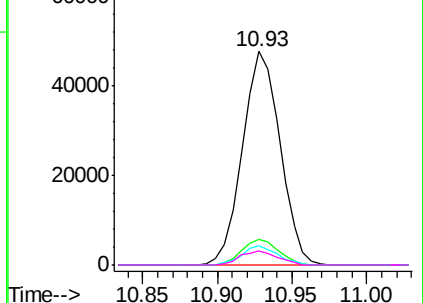


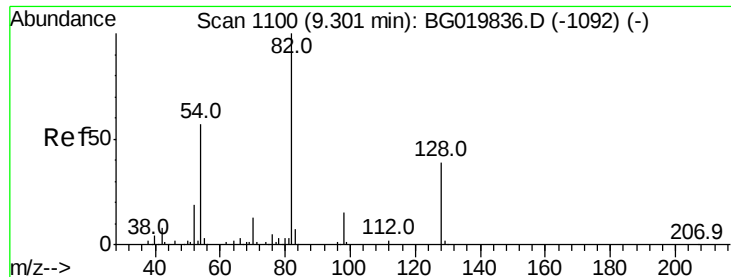
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

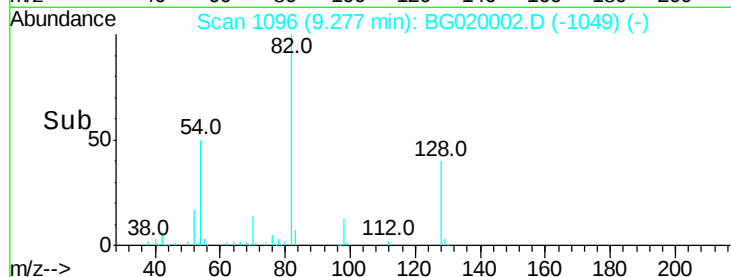
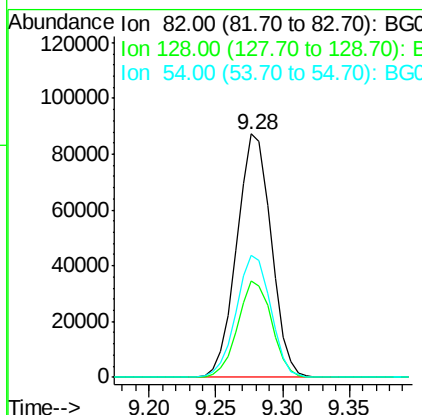
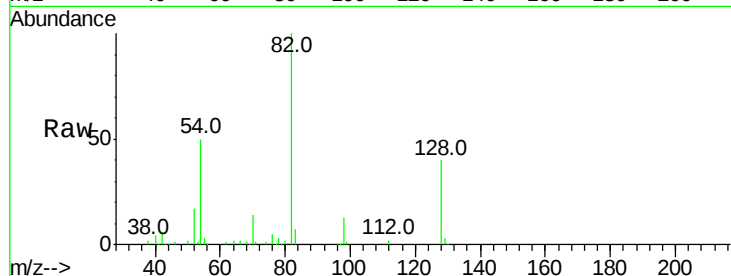




#23
 Nitrobenzene-d5
 Concen: 95.40 ng
 RT: 9.28 min Scan# 1096
 Delta R.T. -0.02 min
 Lab File: BG020002.D
 Acq: 8 Dec 2015 4:38

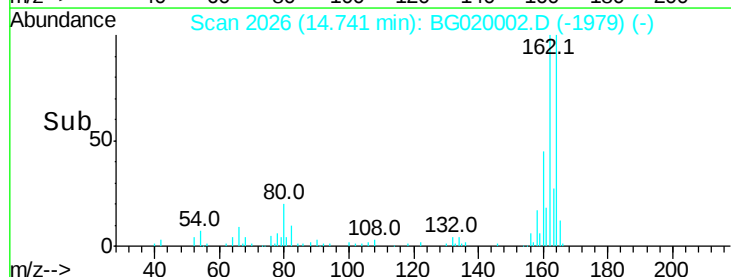
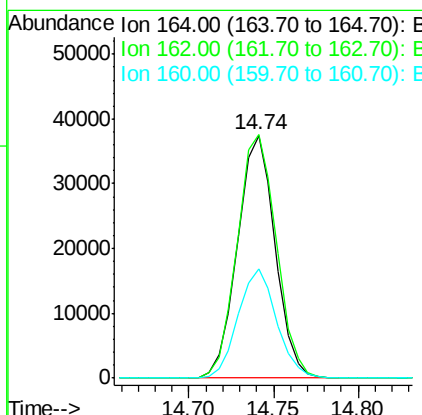
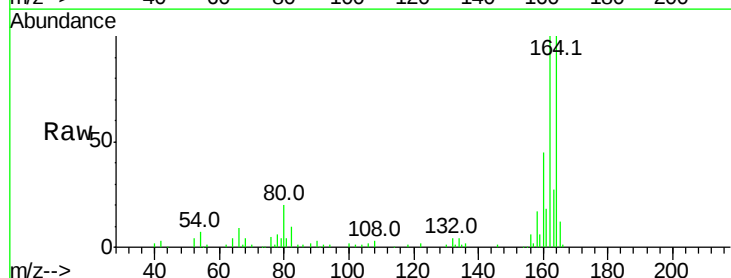
Instrument :
 BNA_G
 ClientSampleId :
 MW-111B

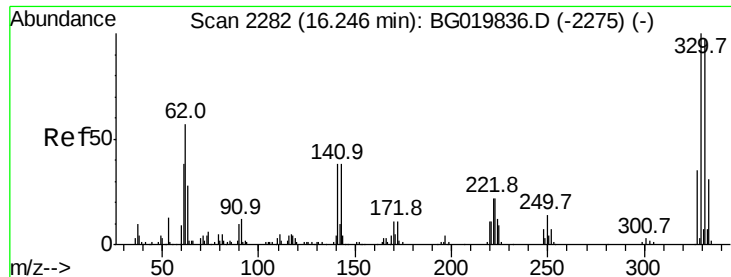
Tot Ion: 82 Resp: 155461
 Ion Ratio Lower Upper
 82 100
 128 39.6 36.7 55.1
 54 50.1 33.8 50.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.74 min Scan# 2026
 Delta R.T. -0.02 min
 Lab File: BG020002.D
 Acq: 8 Dec 2015 4:38

Tgt Ion: 164 Resp: 57934
 Ion Ratio Lower Upper
 164 100
 162 100.3 78.8 118.2
 160 44.9 36.4 54.6

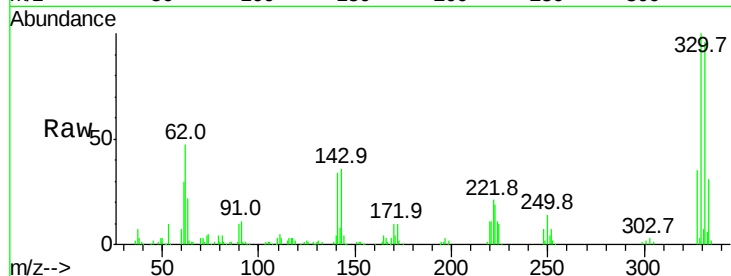




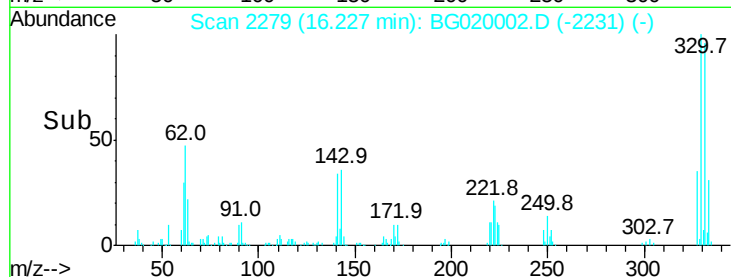
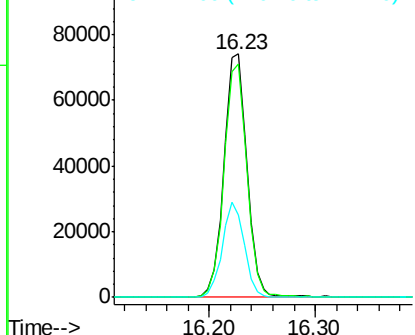
#41
 2,4,6-Tribromophenol
 Concen: 126.17 ng
 RT: 16.23 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BG020002.D
 Acq: 8 Dec 2015 4:38

Instrument :
 BNA_G
 ClientSampled :
 MW-111B

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	78.1	117.1
141	37.6	28.2	42.2

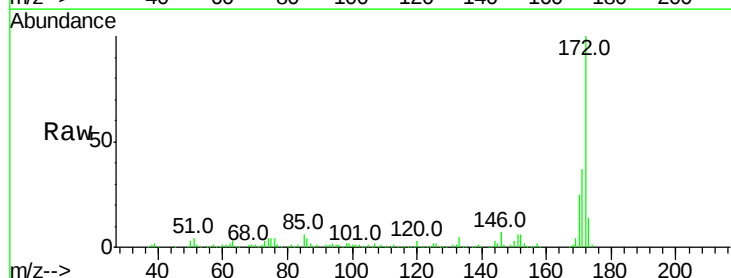


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

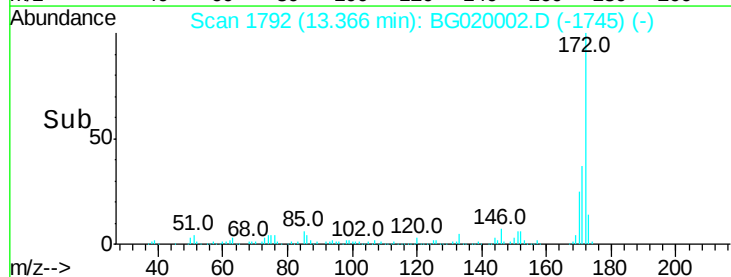
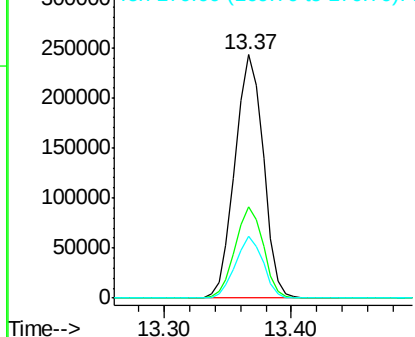


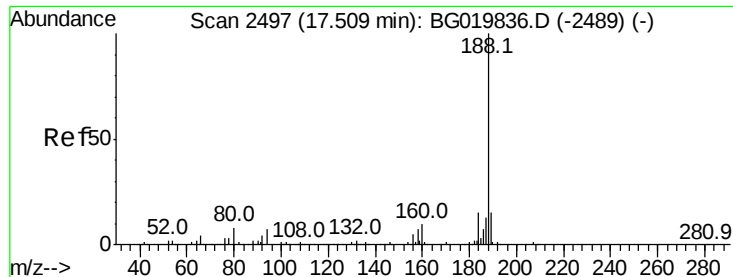
#44
 2-Fluorobiphenyl
 Concen: 88.78 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.02 min
 Lab File: BG020002.D
 Acq: 8 Dec 2015 4:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.0	43.6
170	25.4	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

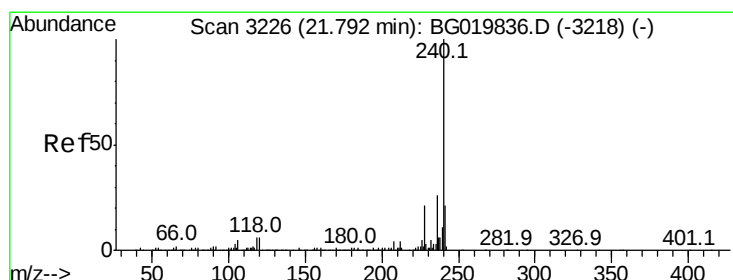
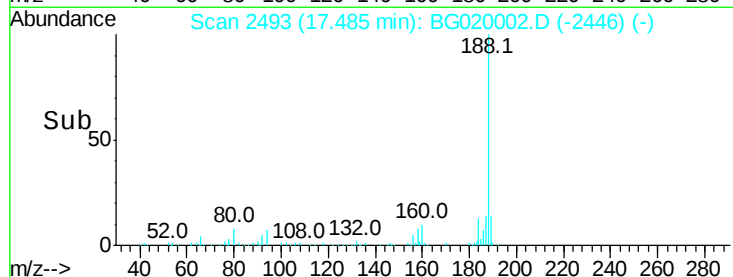
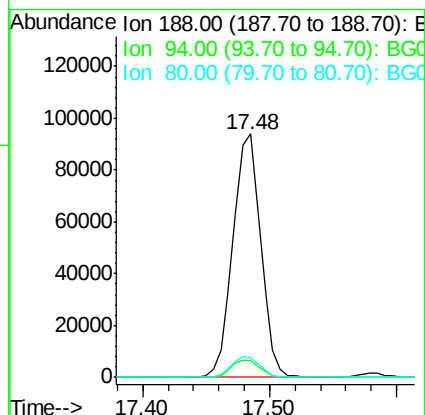
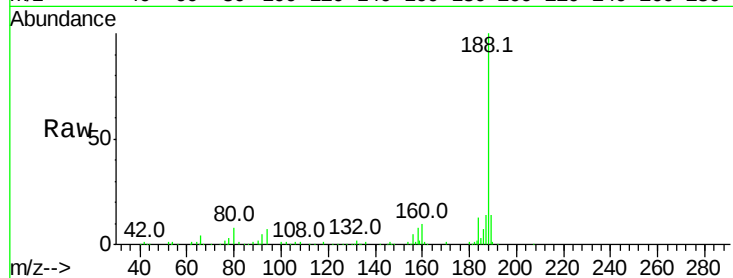




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2493
Delta R.T. -0.02 min
Lab File: BG020002.D
Acq: 8 Dec 2015 4:38

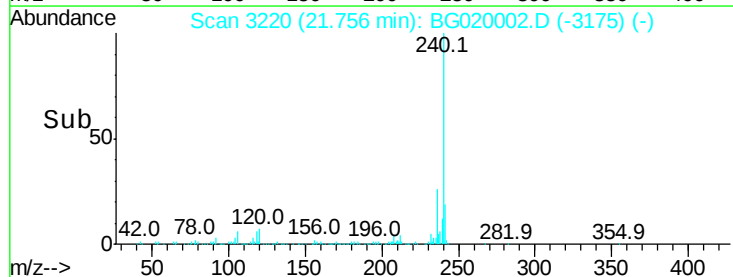
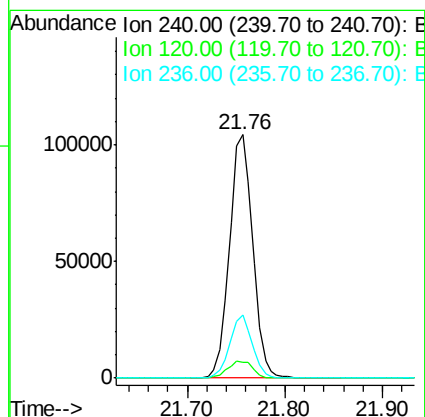
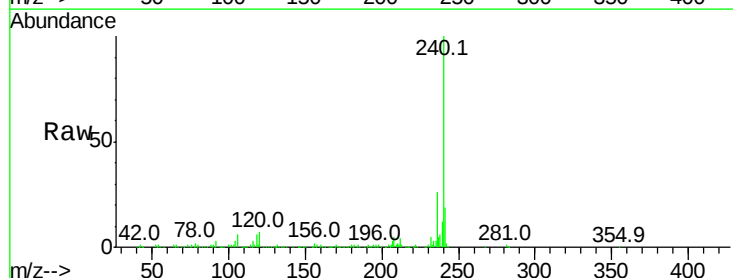
Instrument :
BNA_G
ClientSampleId :
MW-111B

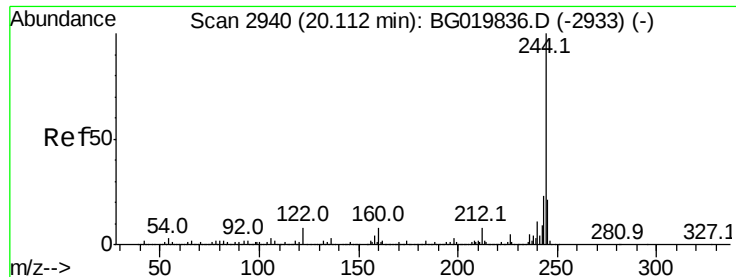
Tot Ion:188 Resp: 141957
Ion Ratio Lower Upper
188 100
94 6.9 7.7 11.5#
80 8.0 7.8 11.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3220
Delta R.T. -0.04 min
Lab File: BG020002.D
Acq: 8 Dec 2015 4:38

Tgt Ion:240 Resp: 172850
Ion Ratio Lower Upper
240 100
120 6.7 7.4 11.0#
236 25.7 20.7 31.1





#78

Terphenyl-d14

Concen: 88.58 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.03 min

Lab File: BG020002.D

Acq: 8 Dec 2015 4:38

Instrument :

BNA_G

ClientSampleId :

MW-111B

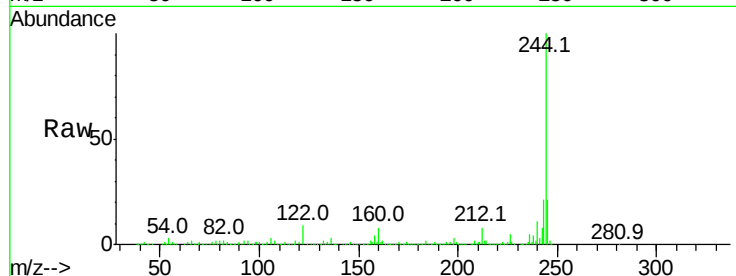
Tot Ion:244 Resp: 627688

Ion Ratio Lower Upper

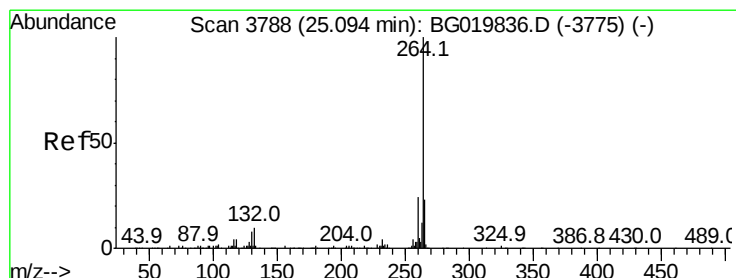
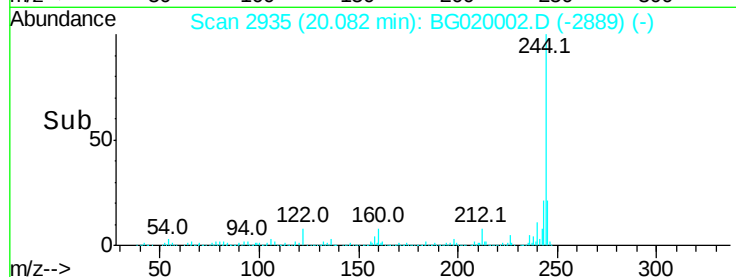
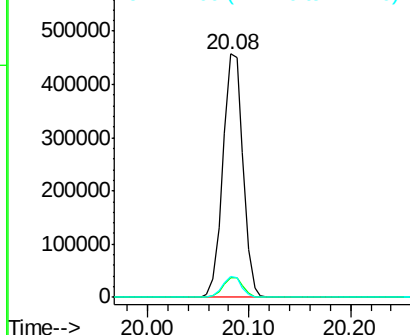
244 100

212 8.1 6.9 10.3

122 8.5 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

Perylene-d12

Concen: 20.00 ng

RT: 25.03 min Scan# 3778

Delta R.T. -0.06 min

Lab File: BG020002.D

Acq: 8 Dec 2015 4:38

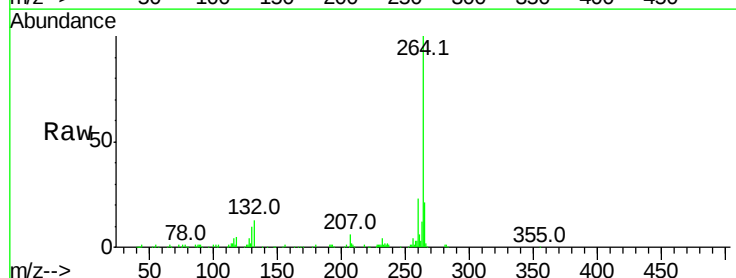
Tgt Ion:264 Resp: 162431

Ion Ratio Lower Upper

264 100

260 22.6 18.5 27.7

265 21.4 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

