

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120815\
 Data File : BG020020.D
 Acq On : 8 Dec 2015 16:22
 Operator : UM/SJ
 Sample : G4676-24
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-13

Quant Time: Dec 09 04:46:08 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	17300	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	74648	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	52319	20.00	ng	-0.03
63) Phenanthrene-d10	17.48	188	130023	20.00	ng	-0.03
75) Chrysene-d12	21.75	240	158783	20.00	ng	-0.04
86) Perylene-d12	25.04	264	149969	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	78466	81.97	ng	-0.01
7) Phenol-d6	7.26	99	75096	51.96	ng	-0.02
23) Nitrobenzene-d5	9.28	82	160575	109.78	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	126438	157.94	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	397623	103.77	ng	-0.02
78) Terphenyl-d14	20.08	244	658591	101.17	ng	-0.03

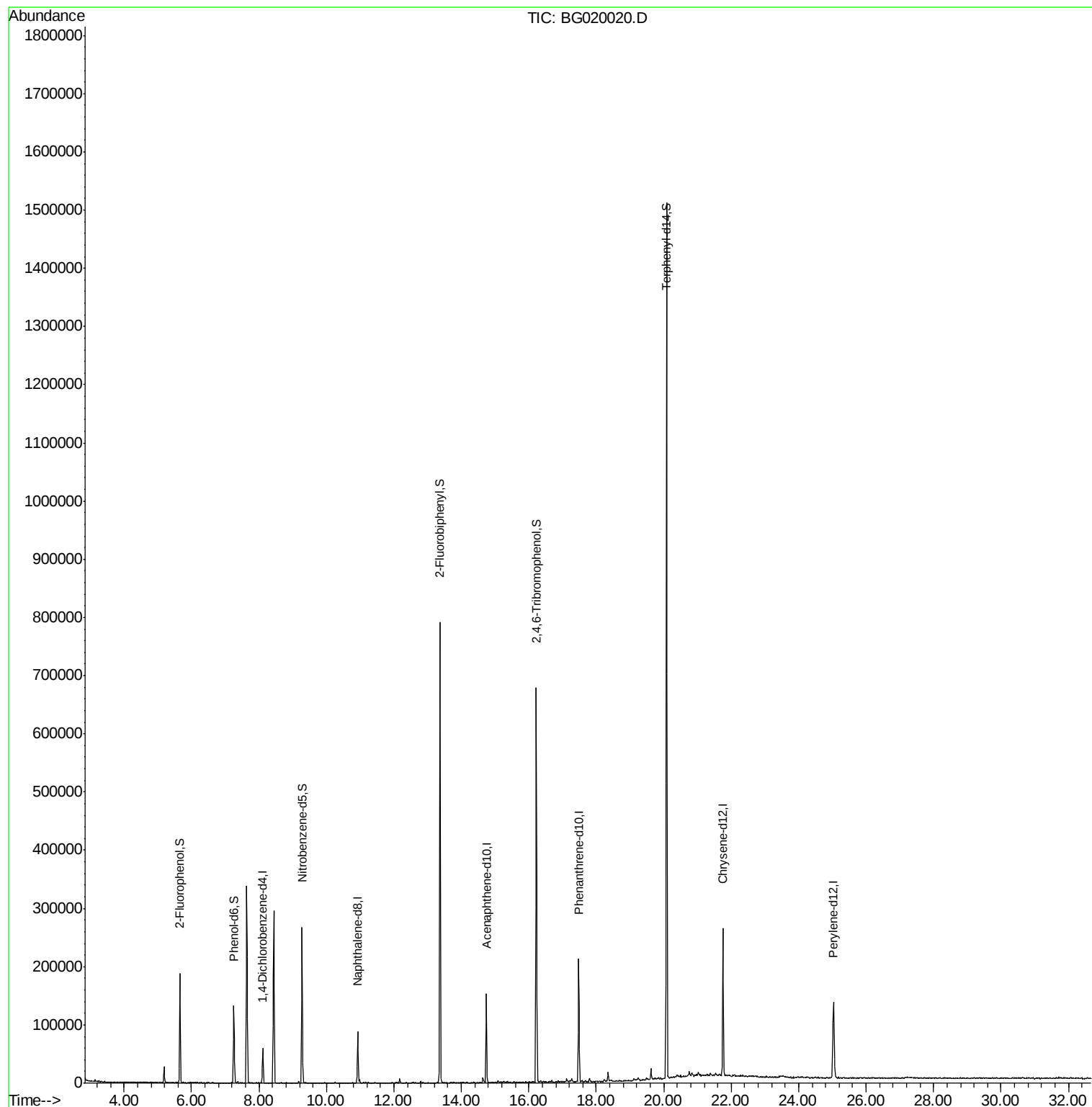
Target Compounds Qvalue

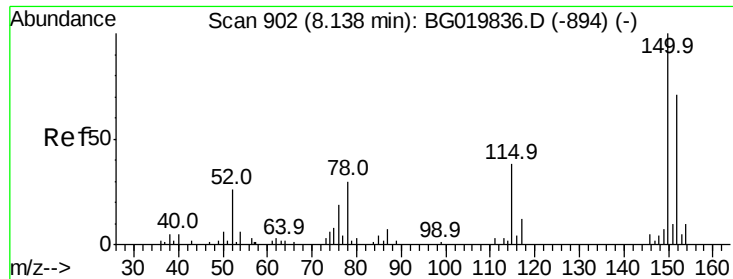
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120815\
Data File : BG020020.D
Acq On : 8 Dec 2015 16:22
Operator : UM/SJ
Sample : G4676-24
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-13

Quant Time: Dec 09 04:46:08 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: BG020020.D

Acq: 8 Dec 2015 16:22

Instrument :

BNA_G

ClientSampleId :

MW-13

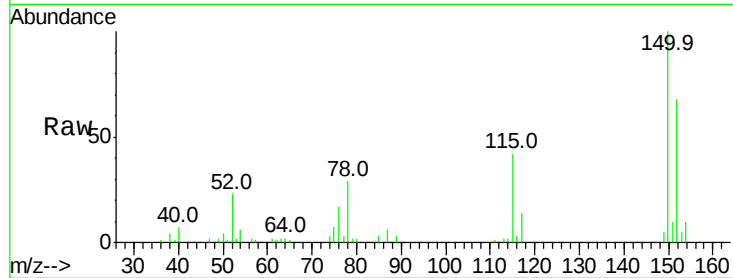
Tot Ion:152 Resp: 17300

Ion Ratio Lower Upper

152 100

150 147.9 115.0 172.4

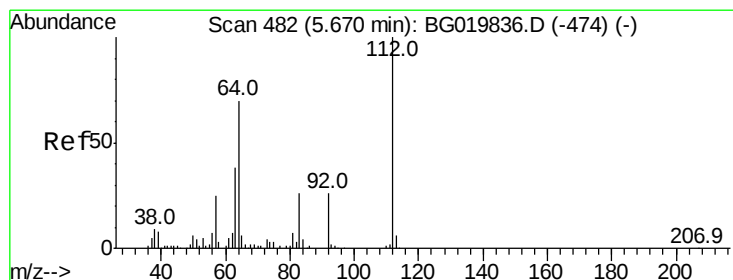
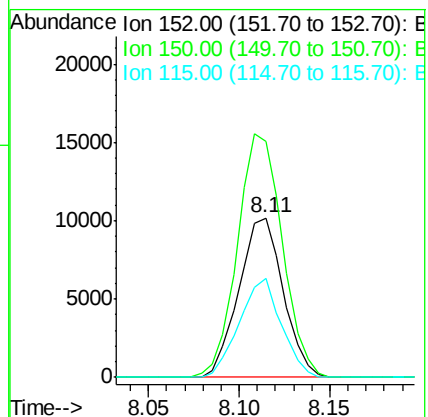
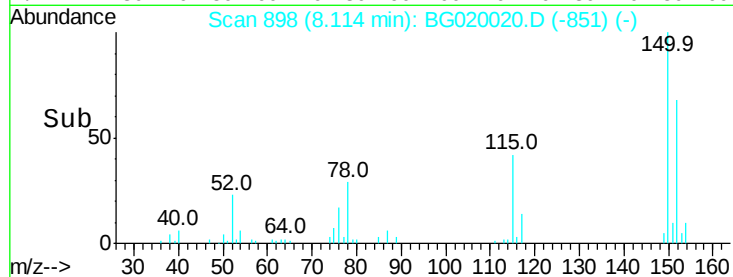
115 62.1 43.9 65.9



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: 81.97 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG020020.D

Acq: 8 Dec 2015 16:22

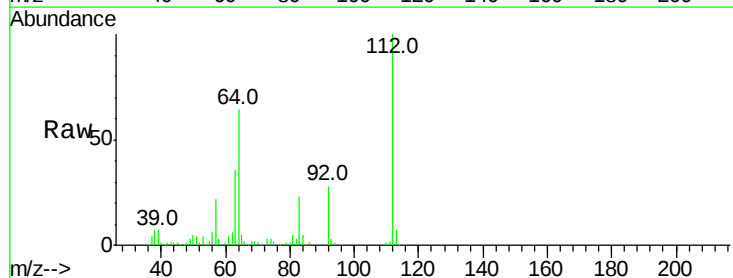
Tgt Ion:112 Resp: 78466

Ion Ratio Lower Upper

112 100

64 64.4 43.7 65.5

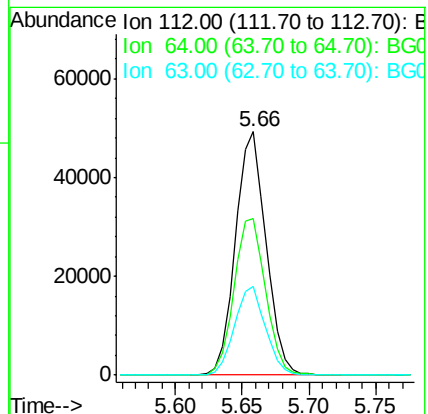
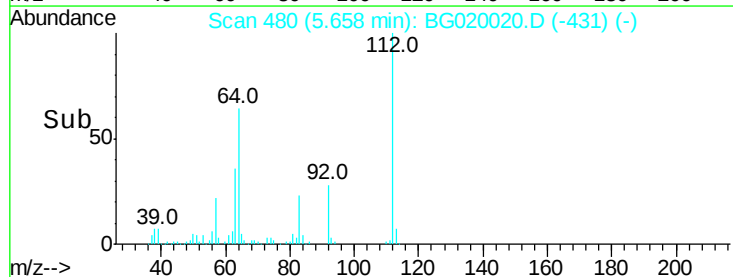
63 36.3 24.0 36.0#

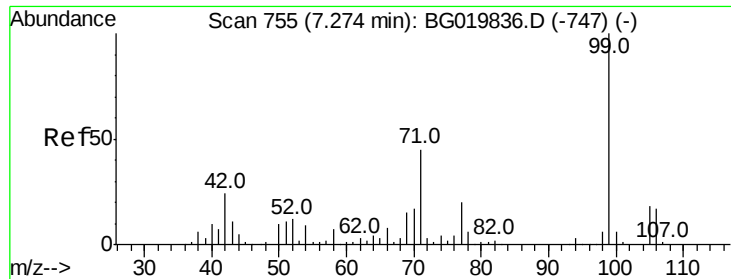


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 51.96 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.02 min

Lab File: BG020020.D

Acq: 8 Dec 2015 16:22

Instrument :

BNA_G

ClientSampleId :

MW-13

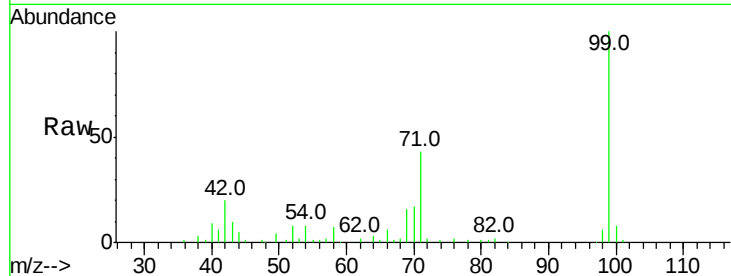
Tot Ion: 99 Resp: 75096

Ion Ratio Lower Upper

99 100

42 20.2 11.5 17.3#

71 42.7 22.6 34.0#

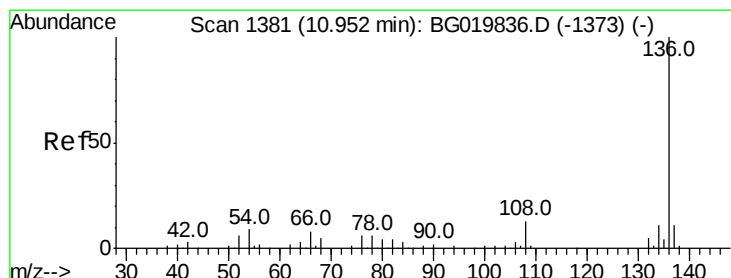
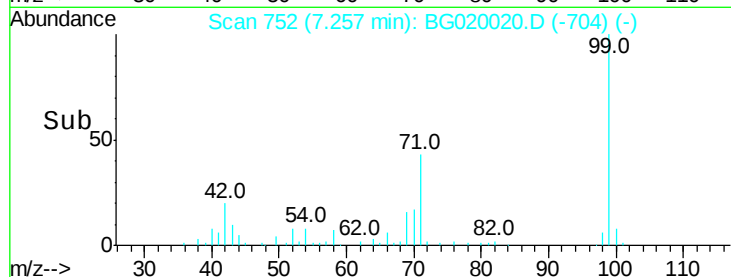
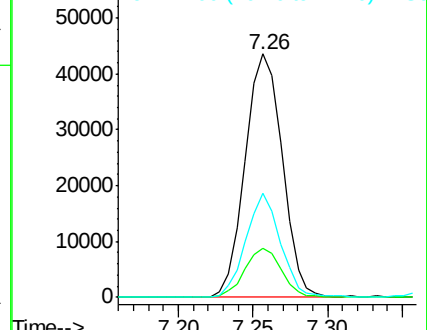


Abundance

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: BG020020.D

Acq: 8 Dec 2015 16:22

Tgt Ion: 136 Resp: 74648

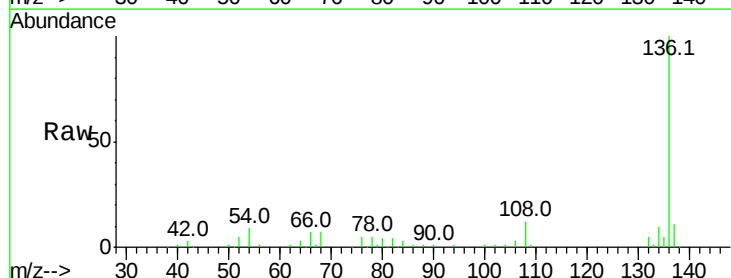
Ion Ratio Lower Upper

136 100

137 11.0 8.6 12.8

54 9.2 5.4 8.2#

68 6.6 5.3 7.9



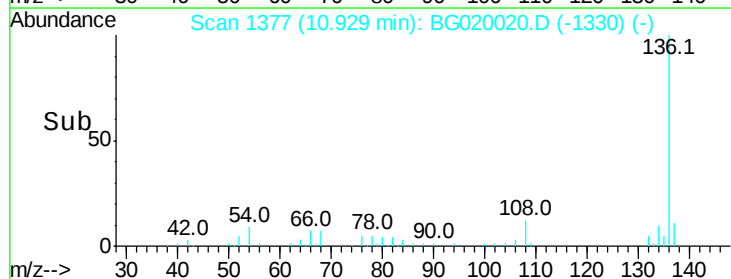
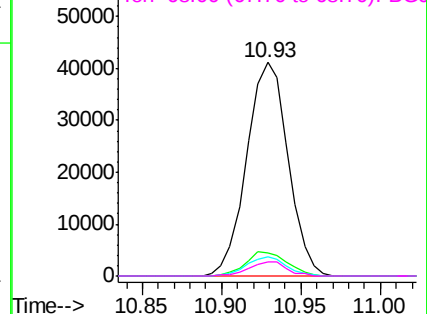
Abundance

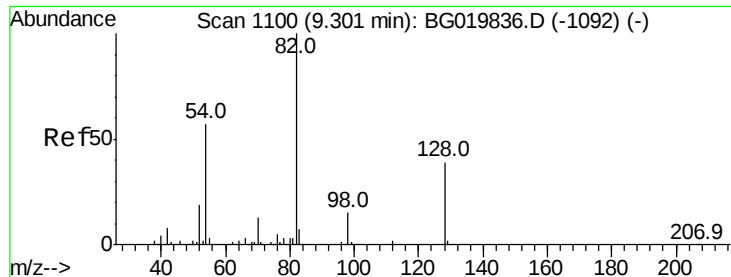
Ion 136.00 (135.70 to 136.70): BGC

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

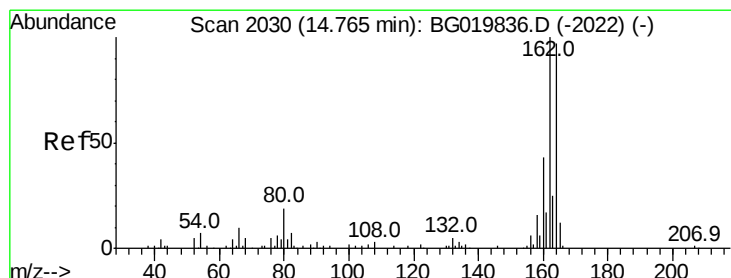
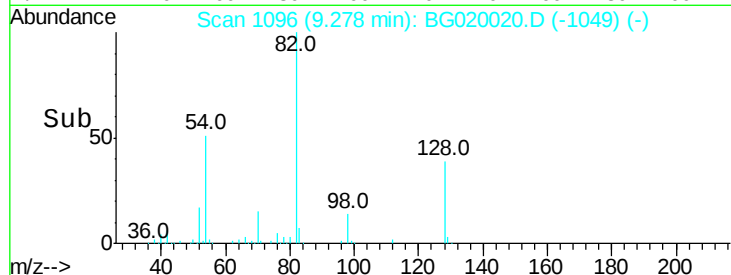
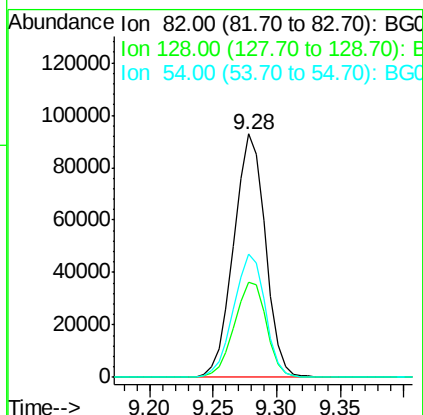
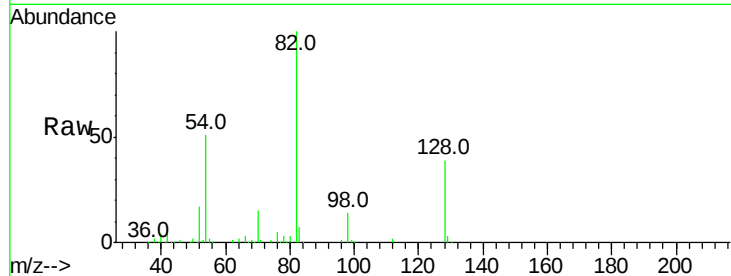




#23
 Nitrobenzene-d5
 Concen: 109.78 ng
 RT: 9.28 min Scan# 1096
 Delta R.T. -0.02 min
 Lab File: BG020020.D
 Acq: 8 Dec 2015 16:22

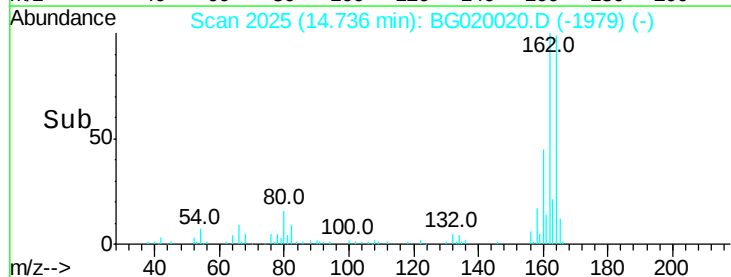
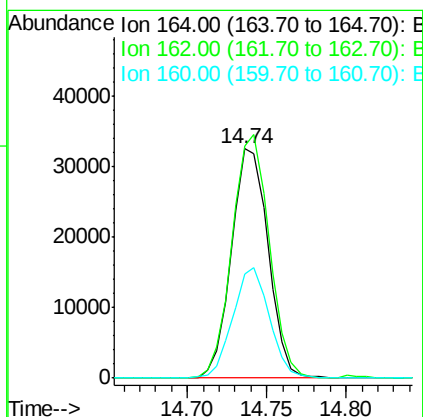
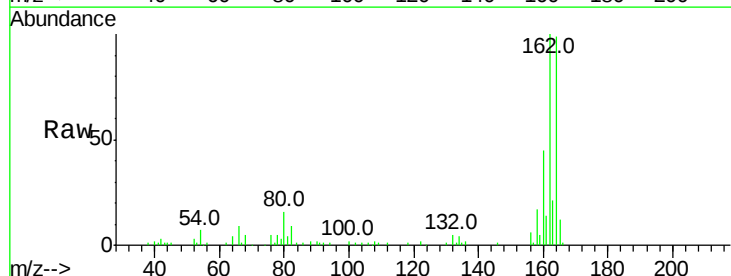
Instrument :
 BNA_G
 ClientSampleId :
 MW-13

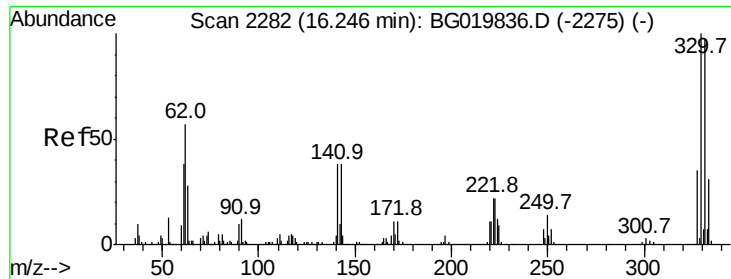
Tot Ion: 82 Resp: 160575
 Ion Ratio Lower Upper
 82 100
 128 39.2 36.7 55.1
 54 50.7 33.8 50.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.74 min Scan# 2025
 Delta R.T. -0.03 min
 Lab File: BG020020.D
 Acq: 8 Dec 2015 16:22

Tgt Ion: 164 Resp: 52319
 Ion Ratio Lower Upper
 164 100
 162 101.2 78.8 118.2
 160 45.6 36.4 54.6





#41

2,4,6-Tribromophenol

Concen: 157.94 ng

RT: 16.23 min Scan# 2279

Delta R.T. -0.02 min

Lab File: BG020020.D

Acq: 8 Dec 2015 16:22

Instrument :

BNA_G

ClientSampleId :

MW-13

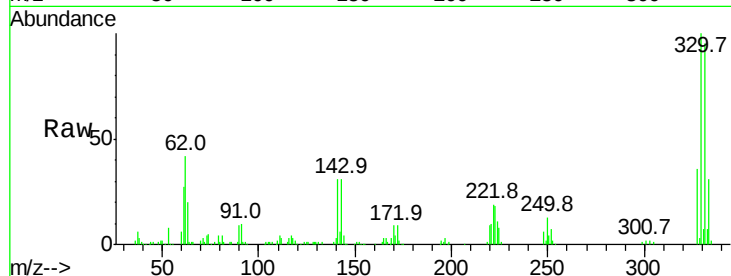
Tot Ion:330 Resp: 126438

Ion Ratio Lower Upper

330 100

332 96.2 78.1 117.1

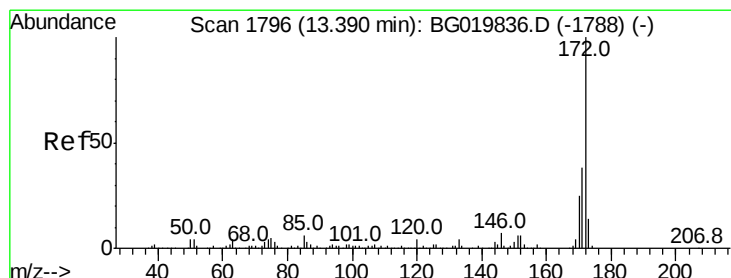
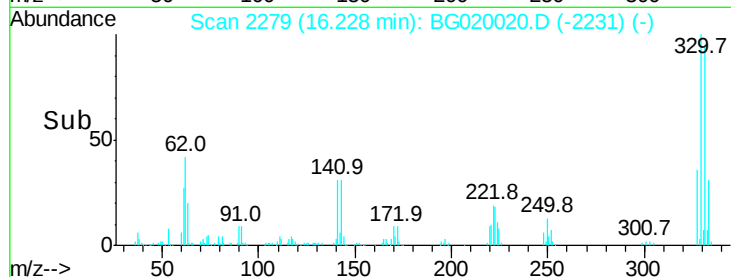
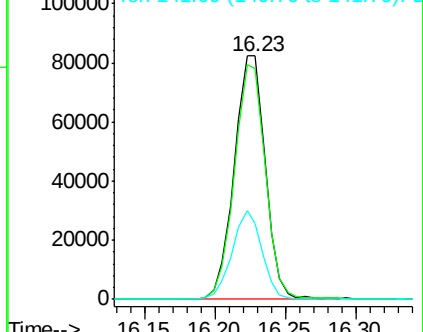
141 34.7 28.2 42.2



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: 103.77 ng

RT: 13.37 min Scan# 1792

Delta R.T. -0.02 min

Lab File: BG020020.D

Acq: 8 Dec 2015 16:22

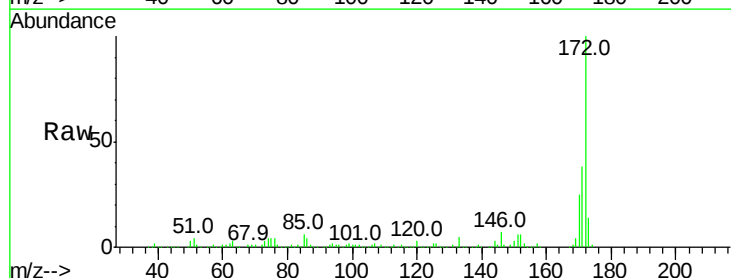
Tgt Ion:172 Resp: 397623

Ion Ratio Lower Upper

172 100

171 37.7 29.0 43.6

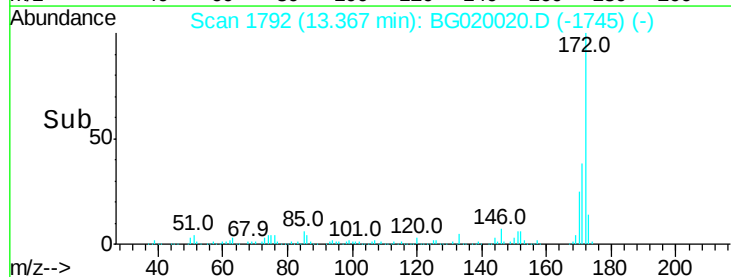
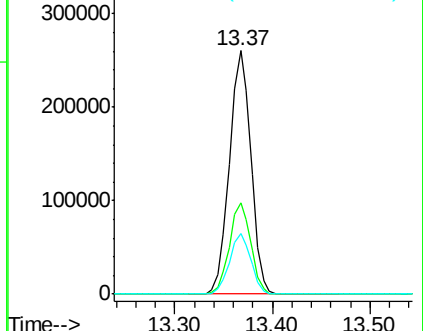
170 24.7 19.9 29.9

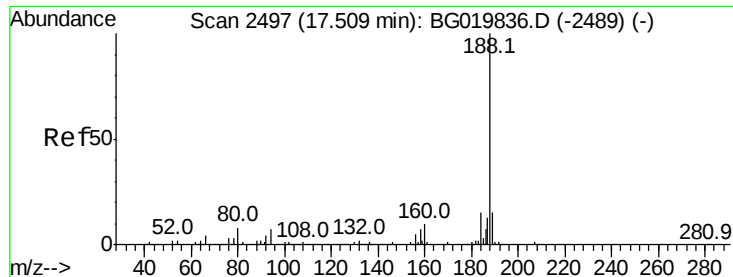


Abundance Ion 172.00 (171.70 to 172.70): E

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# 2492

Delta R.T. -0.03 min

Lab File: BG020020.D

Acq: 8 Dec 2015 16:22

Instrument :

BNA_G

ClientSampleId :

MW-13

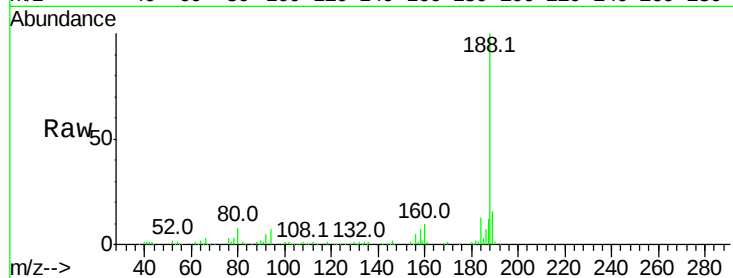
Tot Ion:188 Resp: 130023

Ion Ratio Lower Upper

188 100

94 6.7 7.7 11.5#

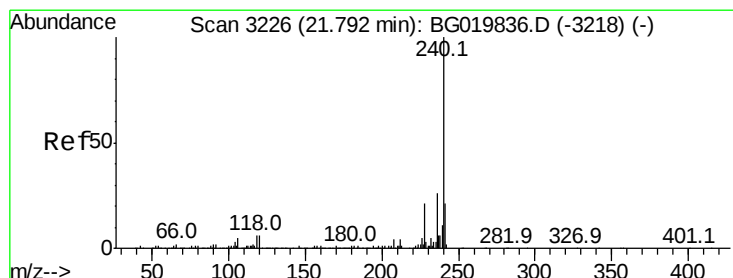
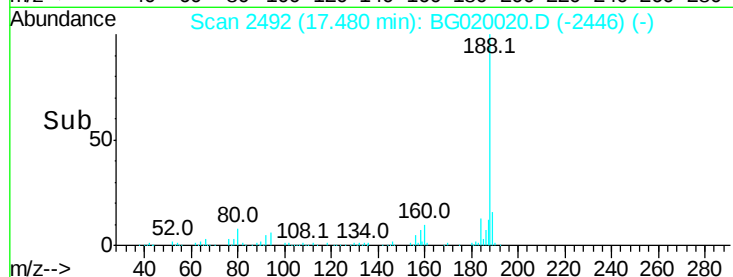
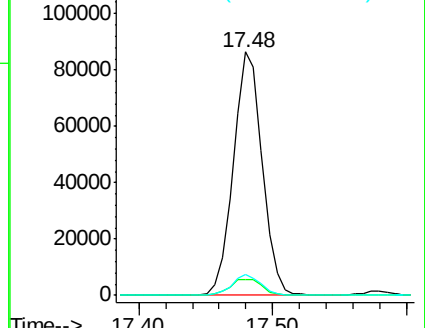
80 8.5 7.8 11.8



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.75 min Scan# 3219

Delta R.T. -0.04 min

Lab File: BG020020.D

Acq: 8 Dec 2015 16:22

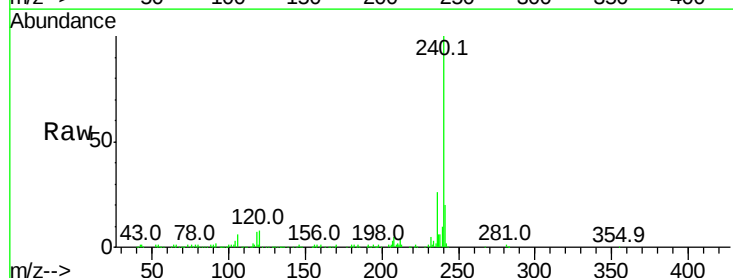
Tgt Ion:240 Resp: 158783

Ion Ratio Lower Upper

240 100

120 7.6 7.4 11.0

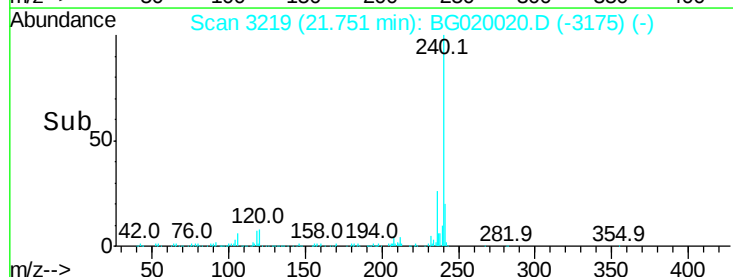
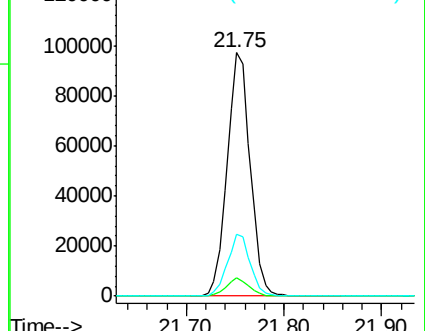
236 25.5 20.7 31.1

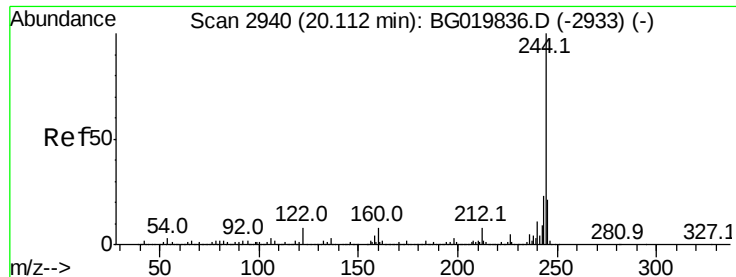


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 101.17 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.03 min

Lab File: BG020020.D

Acq: 8 Dec 2015 16:22

Instrument :

BNA_G

ClientSampleId :

MW-13

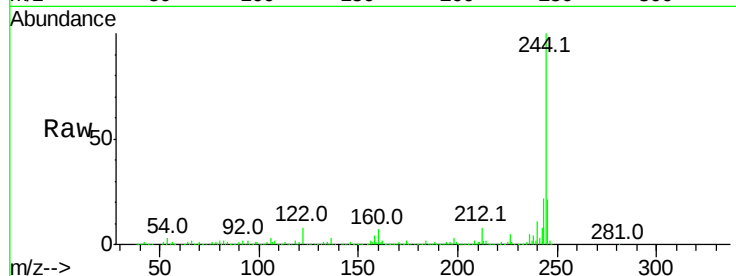
Tot Ion:244 Resp: 658591

Ion Ratio Lower Upper

244 100

212 8.3 6.9 10.3

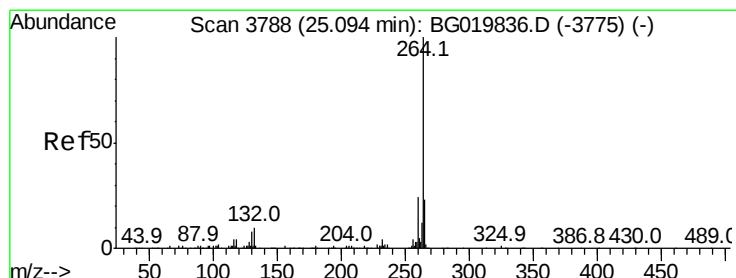
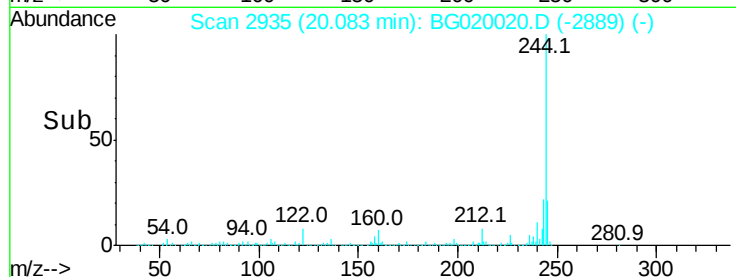
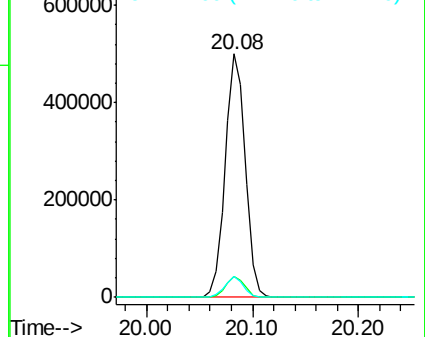
122 8.3 10.2 15.2#



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: 25.04 min Scan# 3778

Delta R.T. -0.06 min

Lab File: BG020020.D

Acq: 8 Dec 2015 16:22

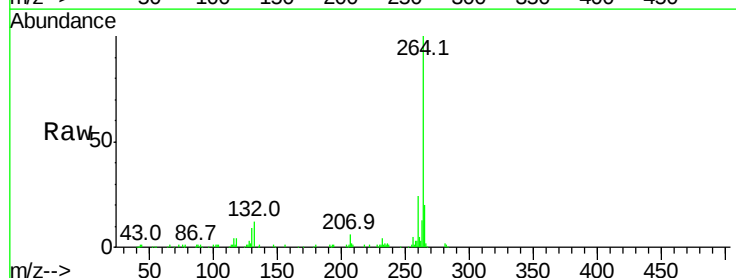
Tgt Ion:264 Resp: 149969

Ion Ratio Lower Upper

264 100

260 23.8 18.5 27.7

265 20.2 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

