

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120715\
 Data File : BG019992.D
 Acq On : 7 Dec 2015 22:11
 Operator : UM/NP
 Sample : G4676-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-101

Quant Time: Dec 08 00:37:04 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

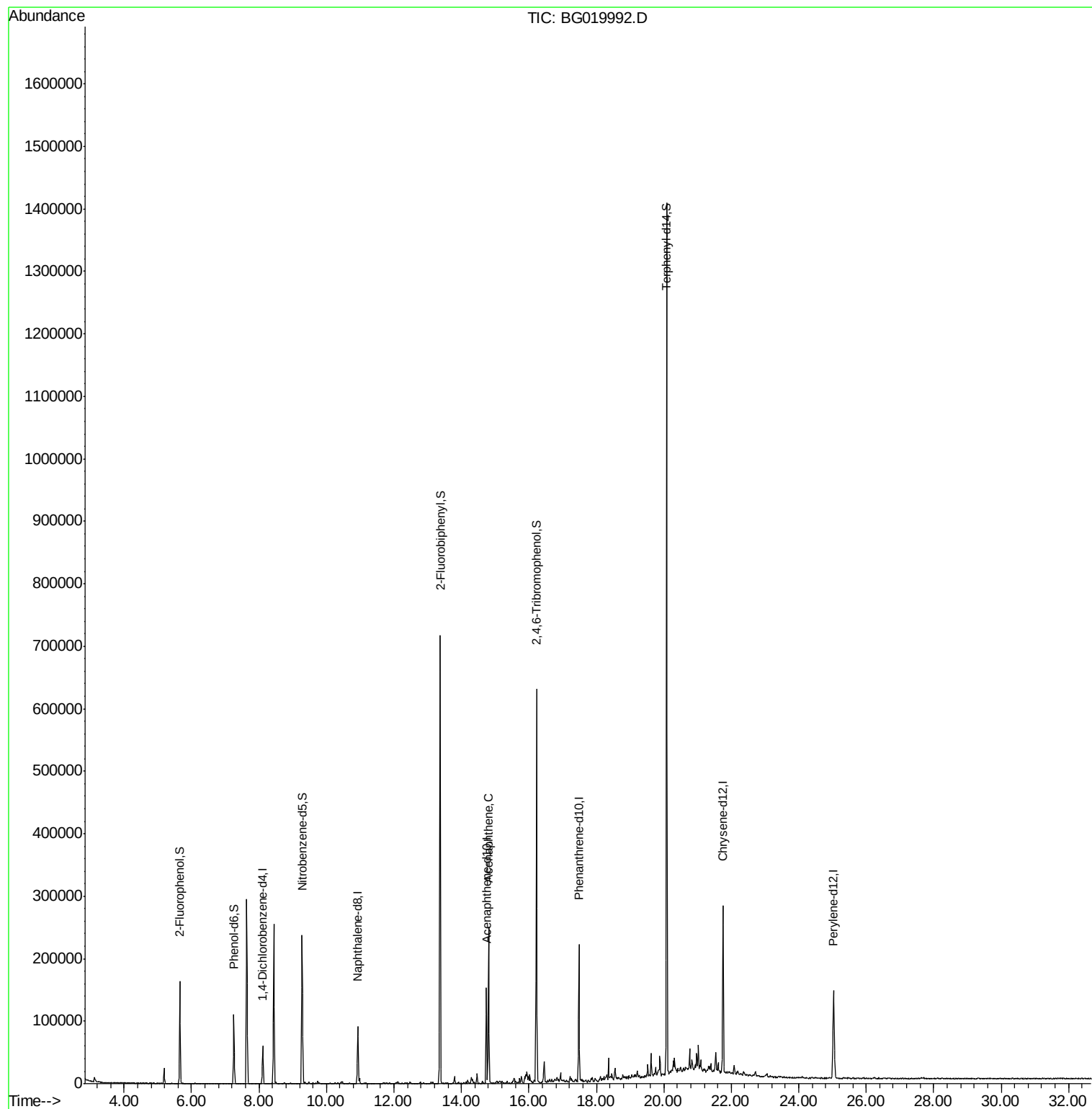
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	16880	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	75369	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	54074	20.00	ng	-0.03
63) Phenanthrene-d10	17.48	188	132787	20.00	ng	-0.03
75) Chrysene-d12	21.75	240	160023	20.00	ng	-0.04
86) Perylene-d12	25.04	264	150433	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	68799	73.66	ng	-0.01
7) Phenol-d6	7.26	99	64305	45.60	ng	-0.02
23) Nitrobenzene-d5	9.28	82	146690	99.33	ng	-0.02
41) 2,4,6-Tribromophenol	16.22	330	114444	138.32	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	364380	92.01	ng	-0.02
78) Terphenyl-d14	20.08	244	606240	92.41	ng	-0.03
Target Compounds						
51) Acenaphthene	14.80	154	93493	26.44	ng	Qvalue 98

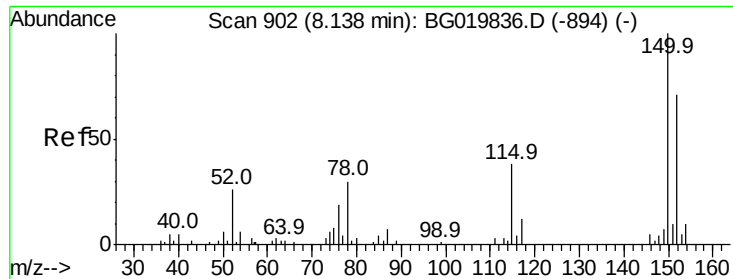
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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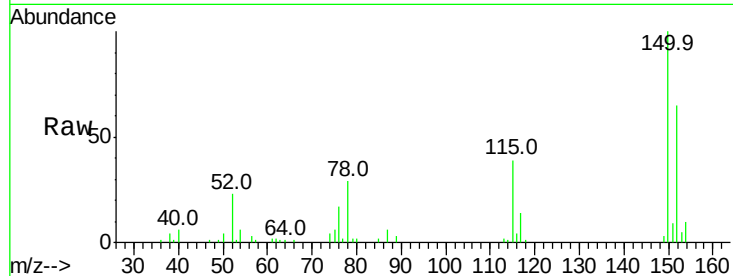


#1

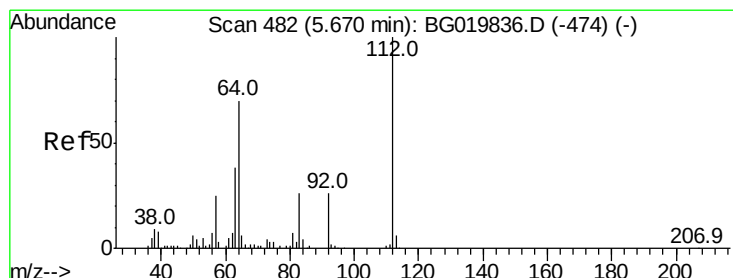
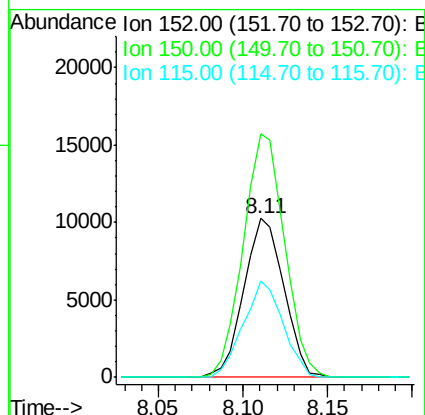
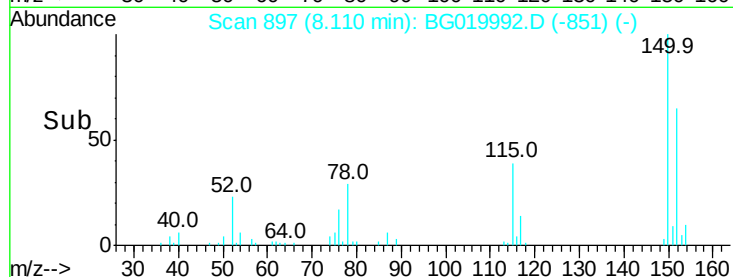
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.11 min Scan# 897
 Delta R.T. -0.03 min
 Lab File: BG019992.D
 Acq: 7 Dec 2015 22:11

Instrument :
 BNA_G
 ClientSampleId :
 MW-101

Tot Ion:152 Resp: 16880
 Ion Ratio Lower Upper
 152 100
 150 153.6 115.0 172.4
 115 60.6 43.9 65.9



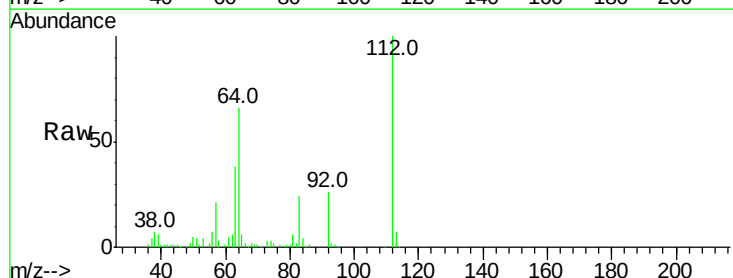
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



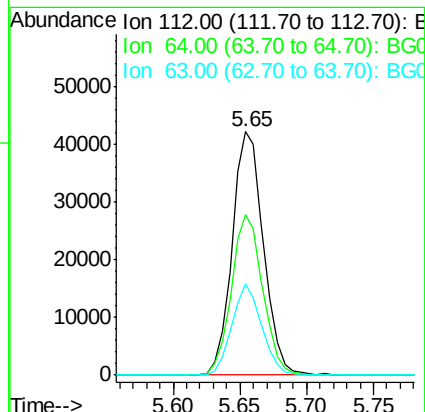
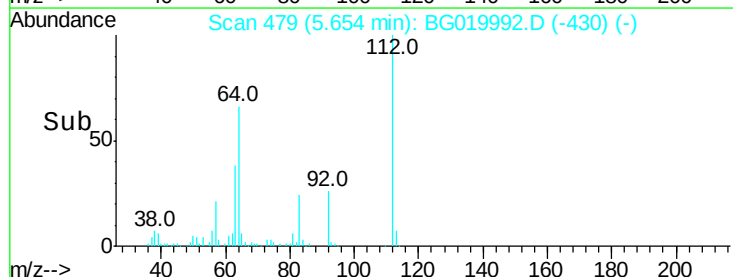
#5

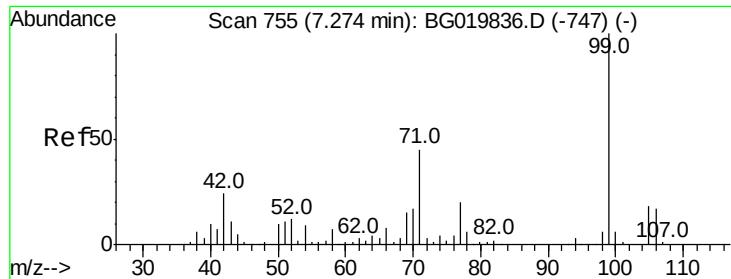
2-Fluorophenol
 Concen: 73.66 ng
 RT: 5.65 min Scan# 479
 Delta R.T. -0.01 min
 Lab File: BG019992.D
 Acq: 7 Dec 2015 22:11

Tgt Ion:112 Resp: 68799
 Ion Ratio Lower Upper
 112 100
 64 65.7 43.7 65.5#
 63 37.7 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: 45.60 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.02 min

Lab File: BG019992.D

Acq: 7 Dec 2015 22:11

Instrument :

BNA_G

ClientSampled :

MW-101

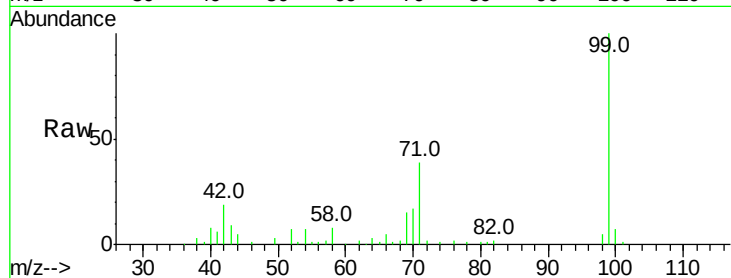
Tot Ion: 99 Resp: 64305

Ion Ratio Lower Upper

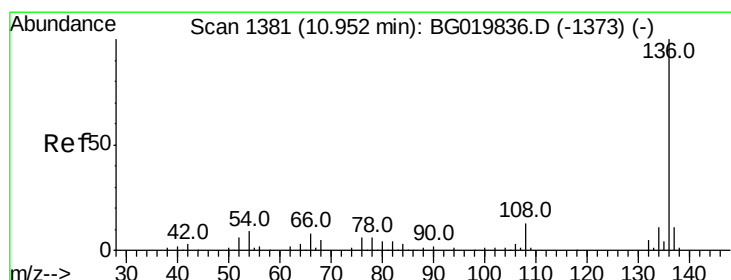
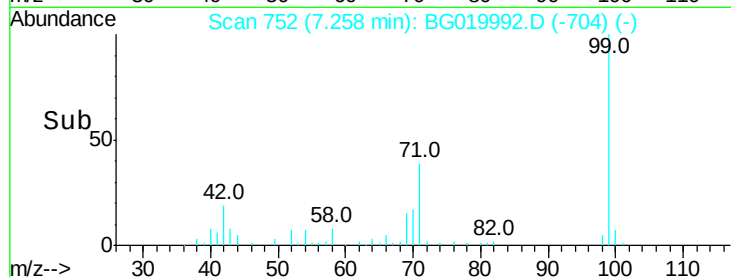
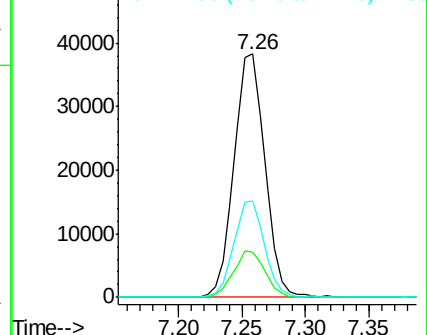
99 100

42 18.5 11.5 17.3#

71 39.5 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: BG019992.D

Acq: 7 Dec 2015 22:11

Tgt Ion: 136 Resp: 75369

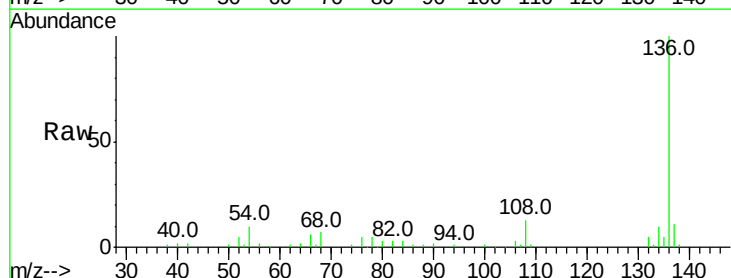
Ion Ratio Lower Upper

136 100

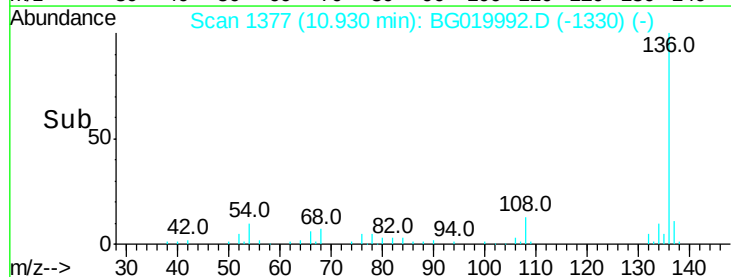
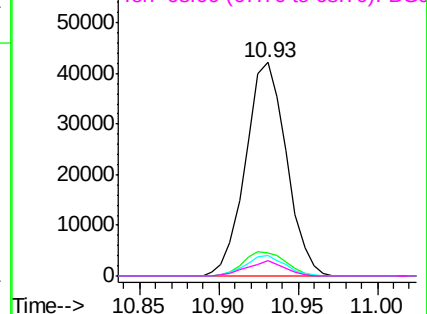
137 11.0 8.6 12.8

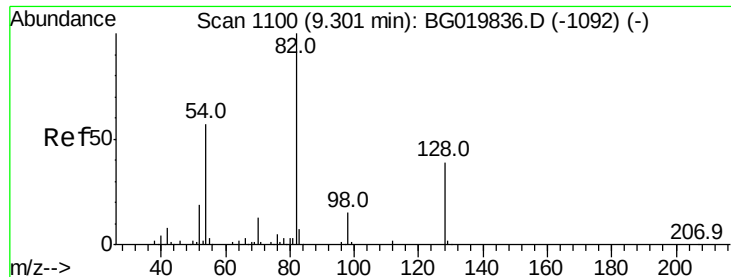
54 9.8 5.4 8.2#

68 7.3 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

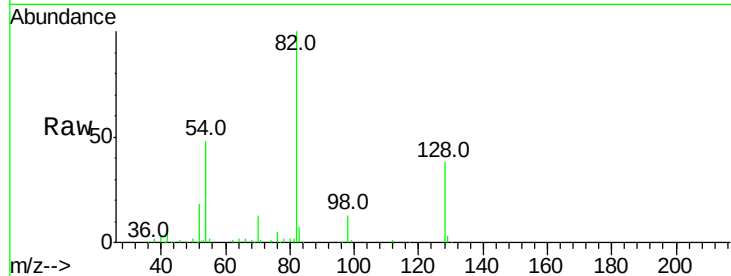




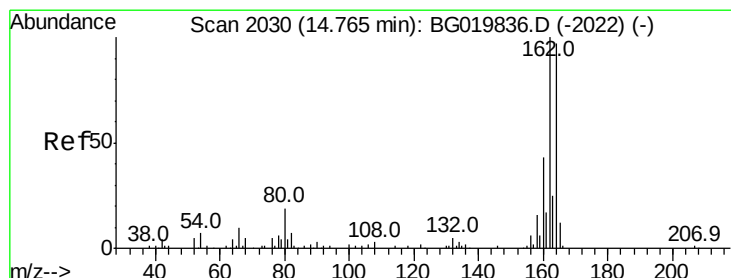
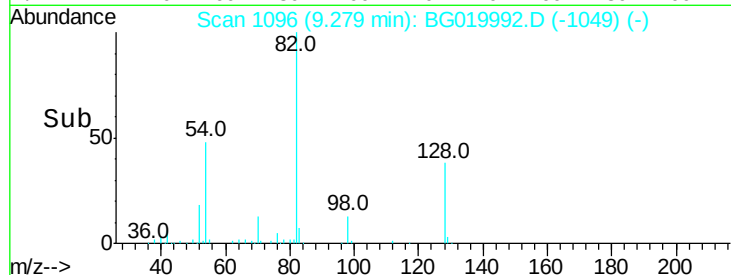
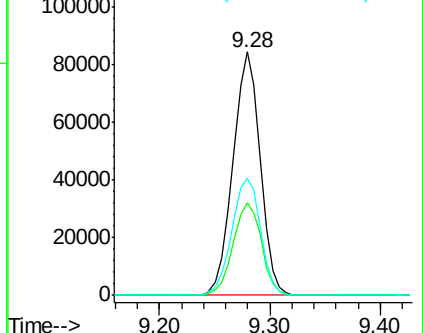
#23
Nitrobenzene-d5
Concen: 99.33 ng
RT: 9.28 min Scan# 1096
Delta R.T. -0.02 min
Lab File: BG019992.D
Acq: 7 Dec 2015 22:11

Instrument :
BNA_G
ClientSampled :
MW-101

Tot Ion: 82 Resp: 146690
Ion Ratio Lower Upper
82 100
128 37.8 36.7 55.1
54 48.2 33.8 50.8

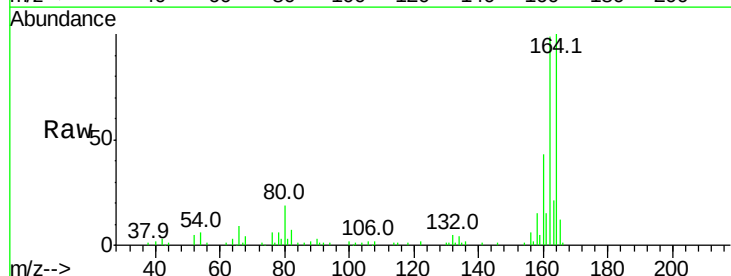


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

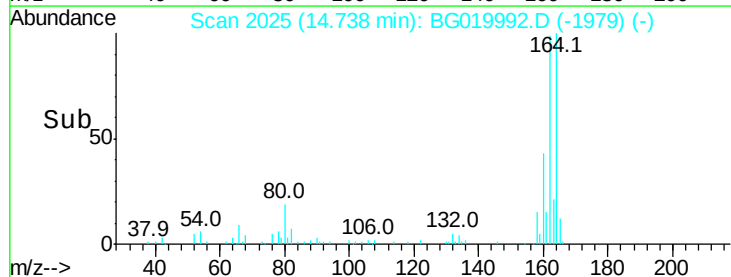
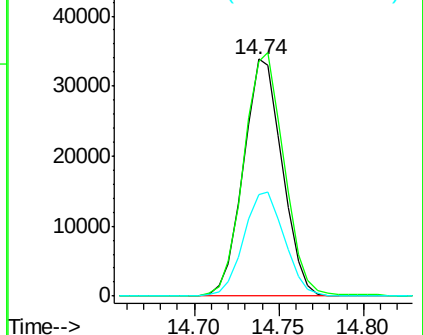


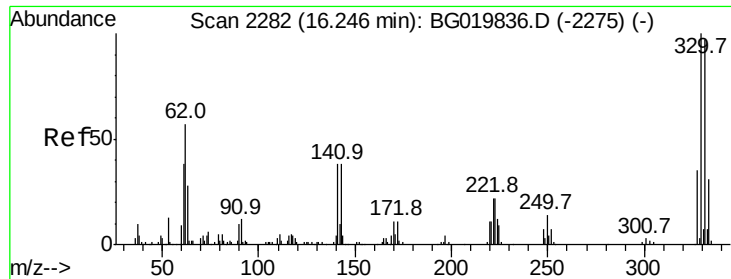
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2025
Delta R.T. -0.03 min
Lab File: BG019992.D
Acq: 7 Dec 2015 22:11

Tgt Ion:164 Resp: 54074
Ion Ratio Lower Upper
164 100
162 98.7 78.8 118.2
160 42.9 36.4 54.6



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: 138.32 ng

RT: 16.22 min Scan# 2278

Delta R.T. -0.02 min

Lab File: BG019992.D

Acq: 7 Dec 2015 22:11

Instrument :

BNA_G

ClientSampleId :

MW-101

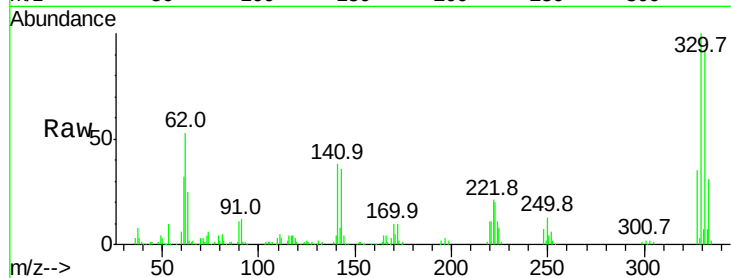
Tot Ion:330 Resp: 114444

Ion Ratio Lower Upper

330 100

332 95.7 78.1 117.1

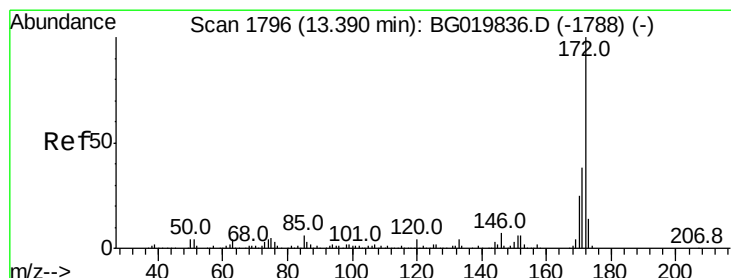
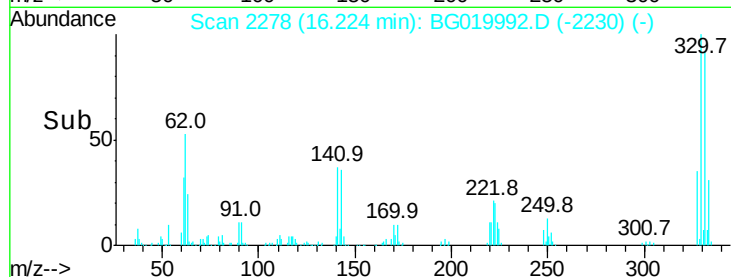
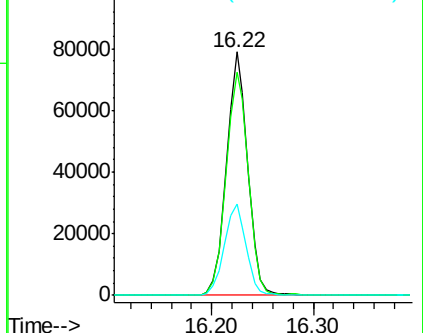
141 38.5 28.2 42.2



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: 92.01 ng

RT: 13.37 min Scan# 1792

Delta R.T. -0.02 min

Lab File: BG019992.D

Acq: 7 Dec 2015 22:11

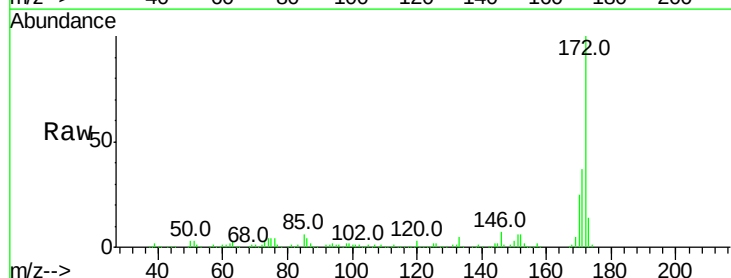
Tgt Ion:172 Resp: 364380

Ion Ratio Lower Upper

172 100

171 36.9 29.0 43.6

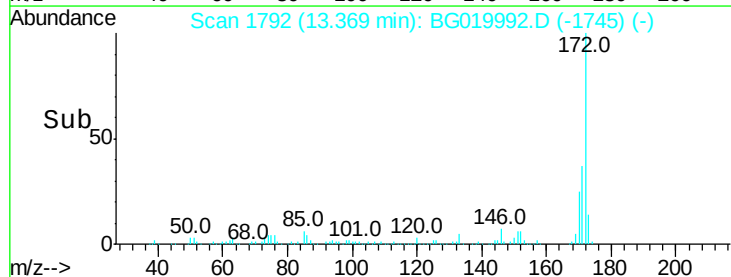
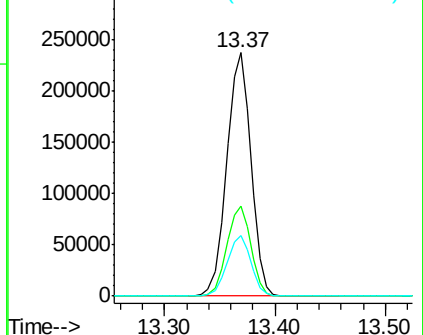
170 24.7 19.9 29.9

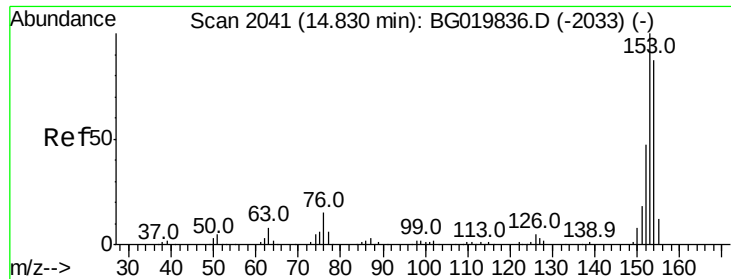


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#51

Acenaphthene

Concen: 26.44 ng

RT: 14.80 min Scan# 2036

Delta R.T. -0.03 min

Lab File: BG019992.D

Acq: 7 Dec 2015 22:11

Instrument :

BNA_G

ClientSampleId :

MW-101

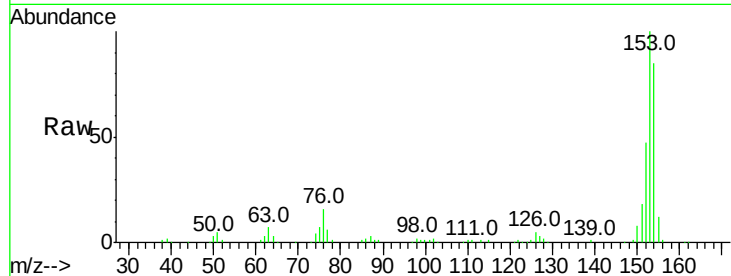
Tot Ion:154 Resp: 93493

Ion Ratio Lower Upper

154 100

153 117.5 92.9 139.3

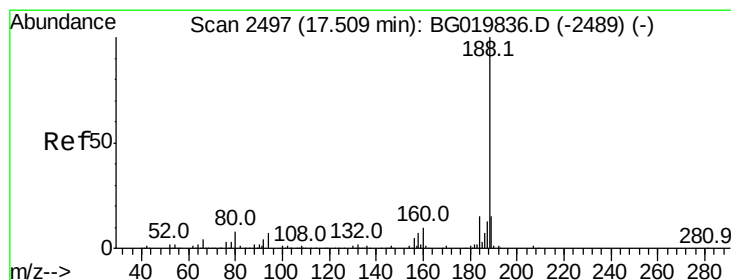
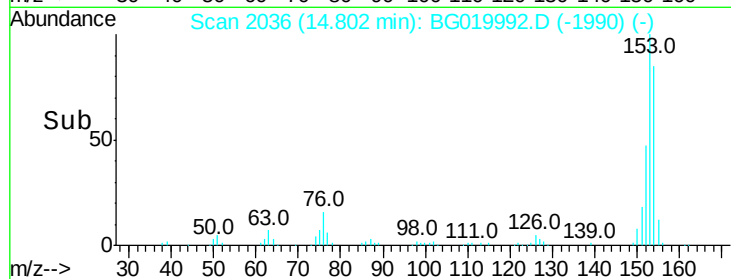
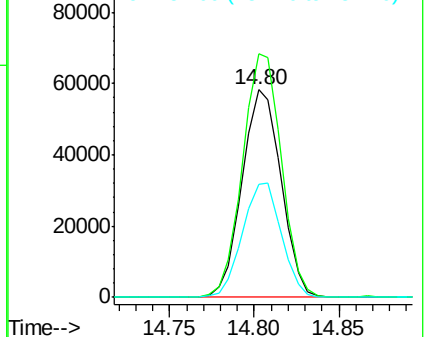
152 54.8 45.8 68.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.48 min Scan# 2492

Delta R.T. -0.03 min

Lab File: BG019992.D

Acq: 7 Dec 2015 22:11

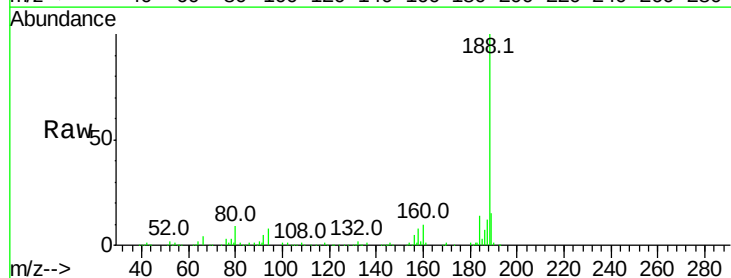
Tgt Ion:188 Resp: 132787

Ion Ratio Lower Upper

188 100

94 7.9 7.7 11.5

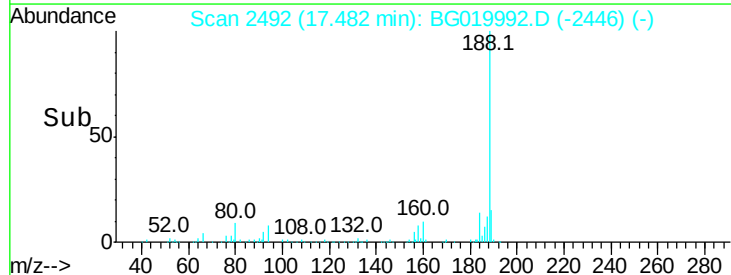
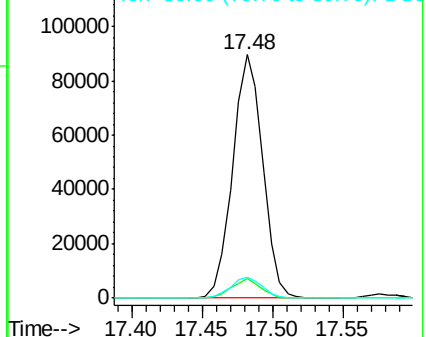
80 8.8 7.8 11.8

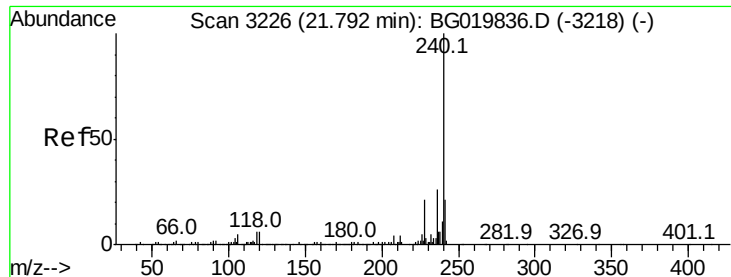


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.75 min Scan# 3219

Delta R.T. -0.04 min

Lab File: BG019992.D

Acq: 7 Dec 2015 22:11

Instrument :

BNA_G

ClientSampleId :

MW-101

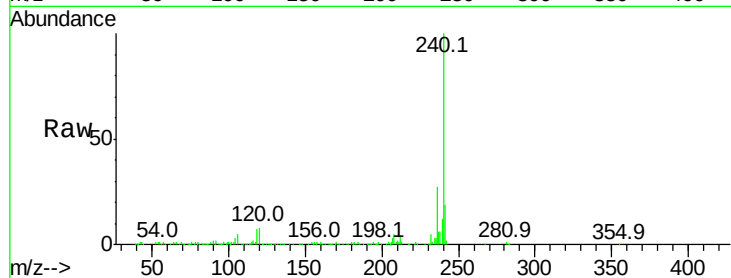
Tot Ion:240 Resp: 160023

Ion Ratio Lower Upper

240 100

120 7.5 7.4 11.0

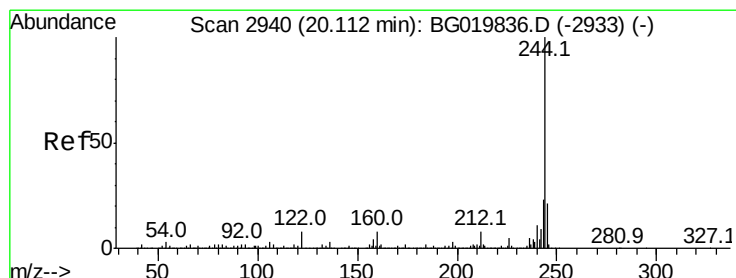
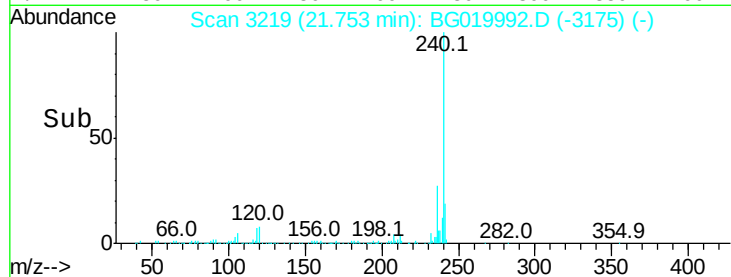
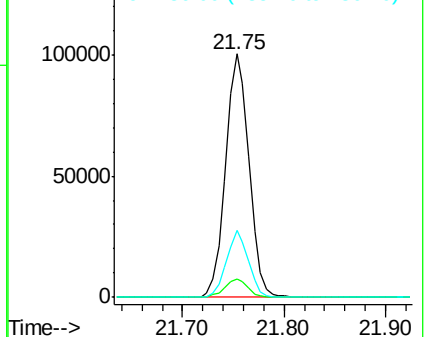
236 27.5 20.7 31.1



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: 92.41 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.03 min

Lab File: BG019992.D

Acq: 7 Dec 2015 22:11

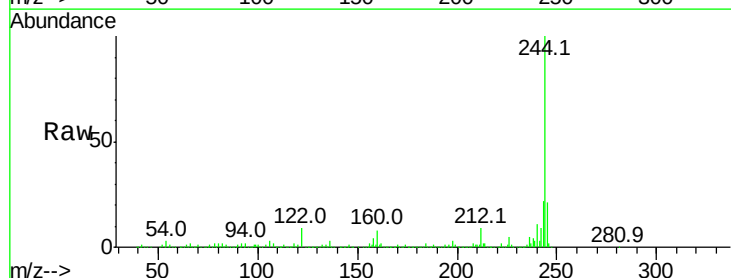
Tgt Ion:244 Resp: 606240

Ion Ratio Lower Upper

244 100

212 8.5 6.9 10.3

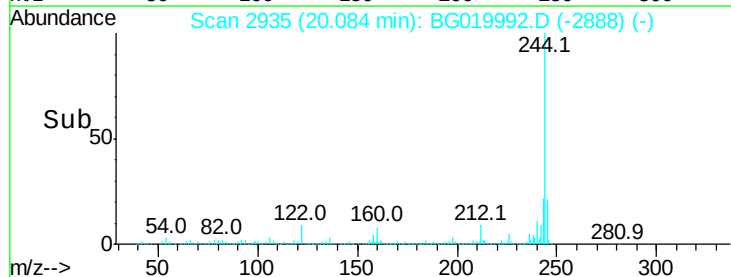
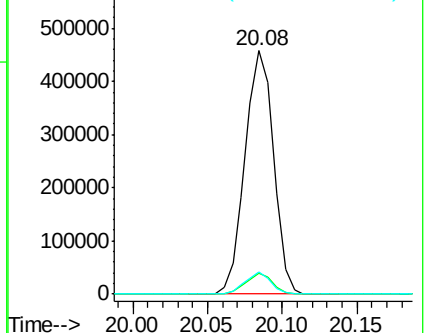
122 8.9 10.2 15.2#

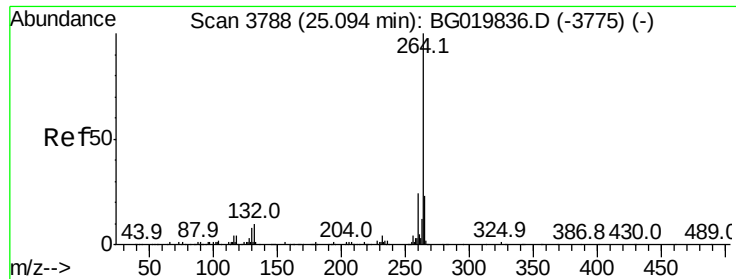


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.04 min Scan# 3778
Delta R.T. -0.06 min
Lab File: BG019992.D
Acq: 7 Dec 2015 22:11

Instrument :
BNA_G
ClientSampleId :
MW-101

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.5	27.7
265	23.1	17.2	25.8

