

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101215\
 Data File : BG019152.D
 Acq On : 12 Oct 2015 8:36
 Operator : UM/NP
 Sample : G3978-05
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW3

Quant Time: Oct 12 09:30:32 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 10 07:04:31 2015
 Response via : Initial Calibration

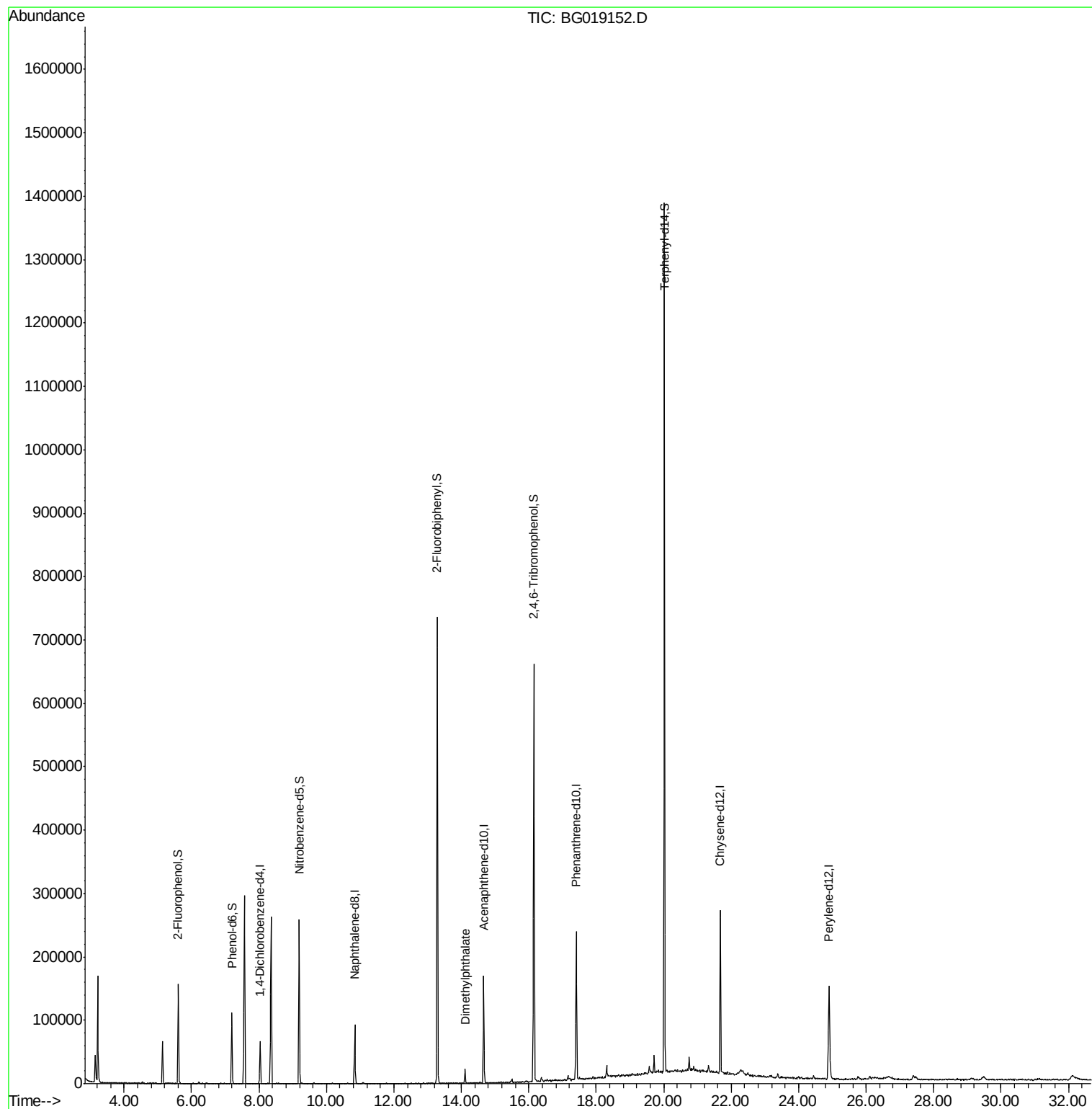
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	16924	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	76397	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	55572	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	138329	20.00	ng	0.00
75) Chrysene-d12	21.67	240	154886	20.00	ng	-0.01
86) Perylene-d12	24.90	264	156557	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	56440	67.90	ng	0.00
7) Phenol-d6	7.19	99	56165	43.98	ng	0.00
23) Nitrobenzene-d5	9.19	82	147921	106.98	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	118740	156.80	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	377979	104.58	ng	0.00
78) Terphenyl-d14	20.02	244	590850	100.77	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.11	163	13551	3.09	ng	Qvalue 98

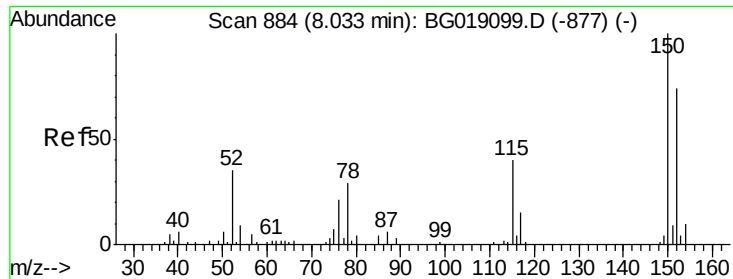
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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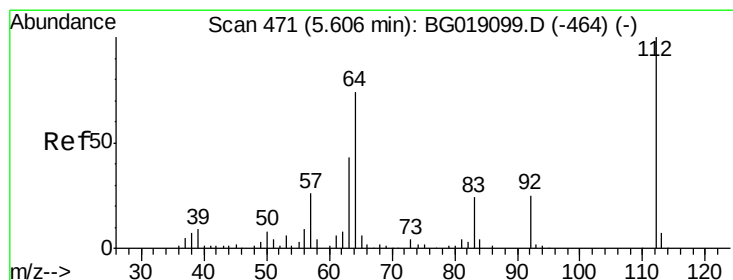
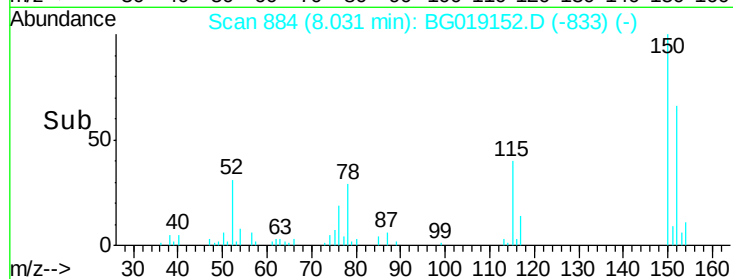
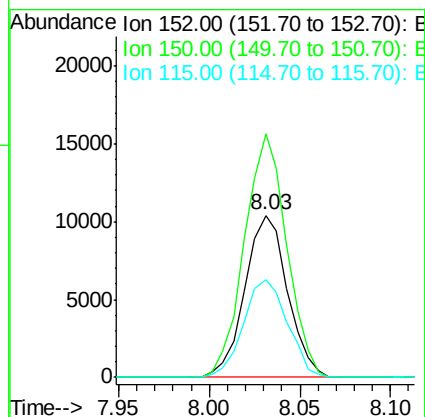
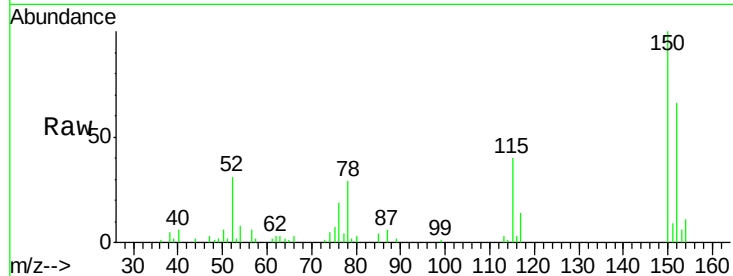




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.03 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: BG019152.D
 Acq: 12 Oct 2015 8:36

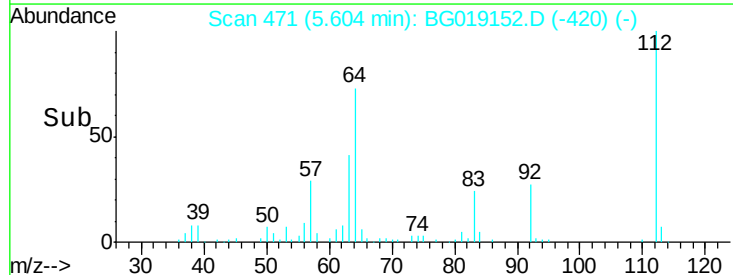
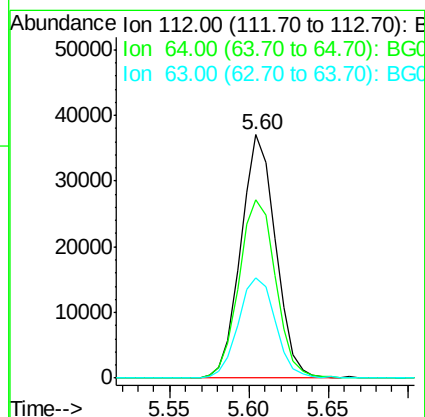
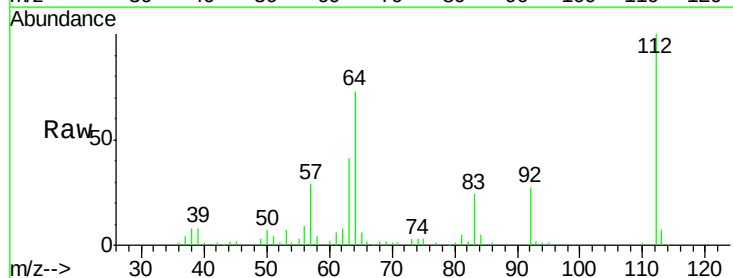
Instrument :
 BNA_G
 ClientSampleId :
 MW3

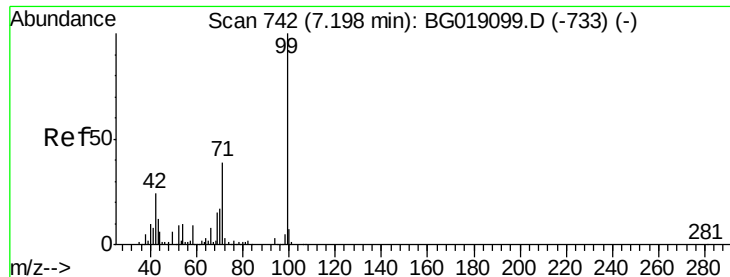
Tot Ion:152 Resp: 16924
 Ion Ratio Lower Upper
 152 100
 150 150.4 108.2 162.2
 115 60.7 43.2 64.8



#5
 2-Fluorophenol
 Concen: 67.90 ng
 RT: 5.60 min Scan# 471
 Delta R.T. -0.00 min
 Lab File: BG019152.D
 Acq: 12 Oct 2015 8:36

Tgt Ion:112 Resp: 56440
 Ion Ratio Lower Upper
 112 100
 64 73.2 59.0 88.4
 63 41.0 34.7 52.1





#7

Phenol-d6

Concen: 43.98 ng

RT: 7.19 min Scan# 741

Delta R.T. -0.01 min

Lab File: BG019152.D

Acq: 12 Oct 2015 8:36

Instrument :

BNA_G

ClientSampleId :

MW3

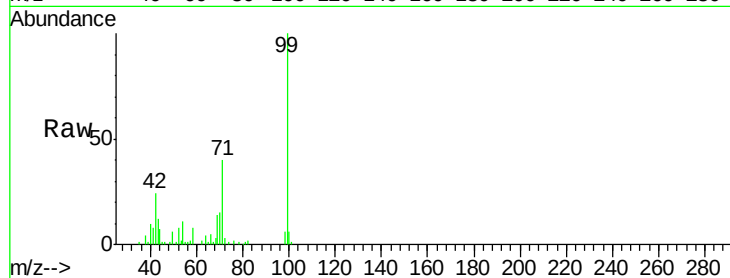
Tot Ion: 99 Resp: 56165

Ion Ratio Lower Upper

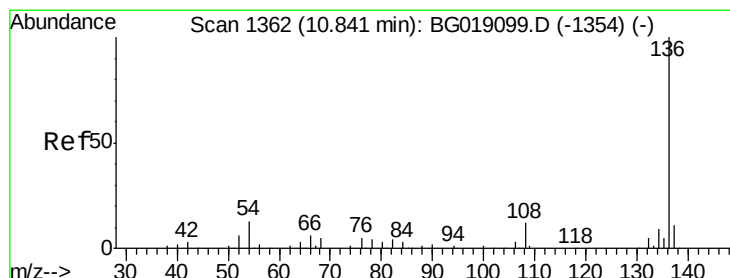
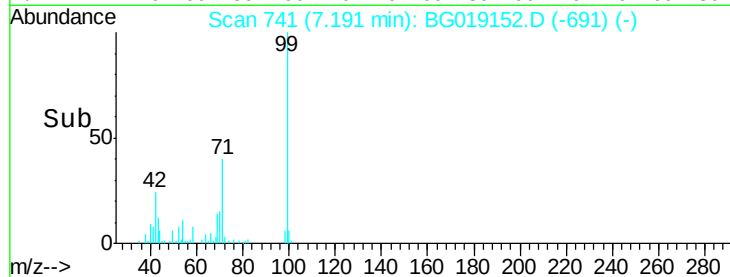
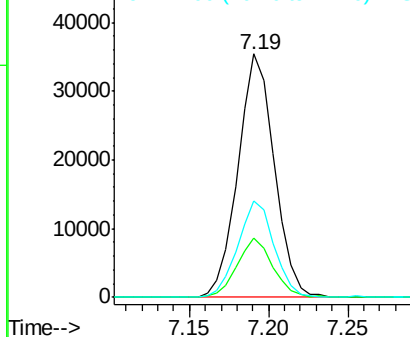
99 100

42 24.3 19.5 29.3

71 39.6 31.4 47.0



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: 10.83 min Scan# 1361

Delta R.T. -0.01 min

Lab File: BG019152.D

Acq: 12 Oct 2015 8:36

Tgt Ion: 136 Resp: 76397

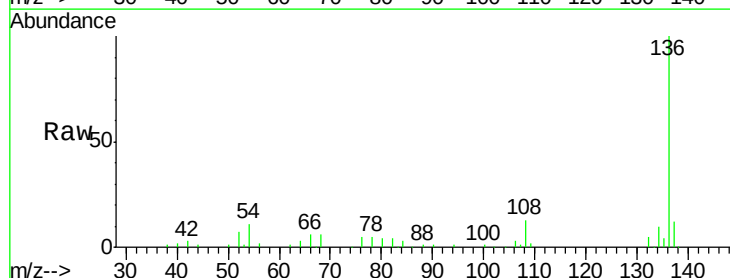
Ion Ratio Lower Upper

136 100

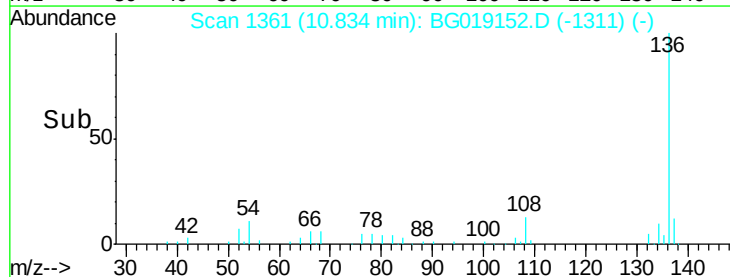
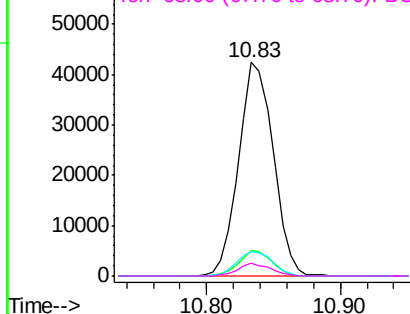
137 11.8 9.0 13.4

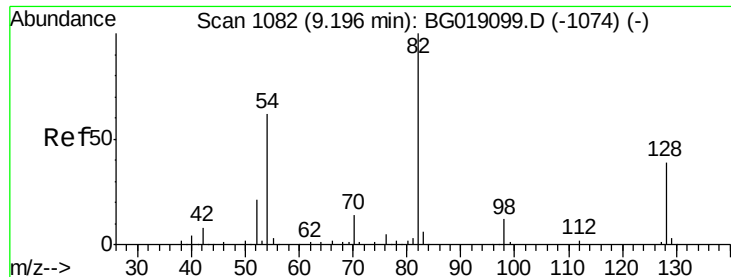
54 11.3 10.1 15.1

68 5.8 4.4 6.6



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

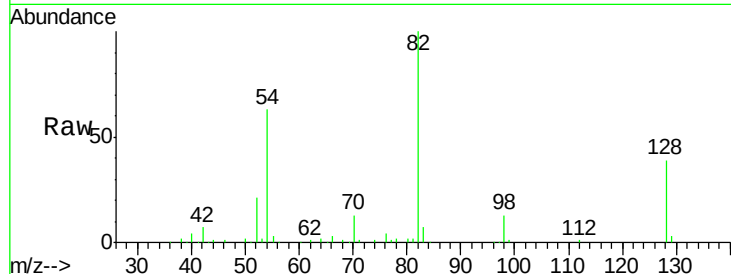




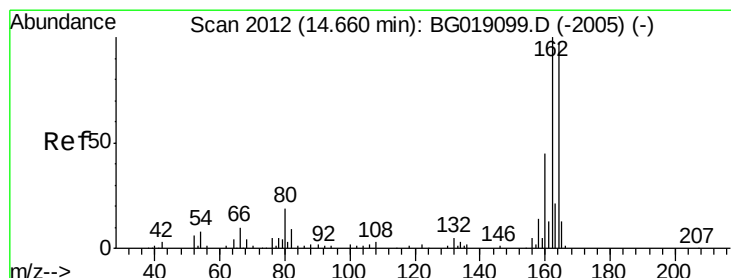
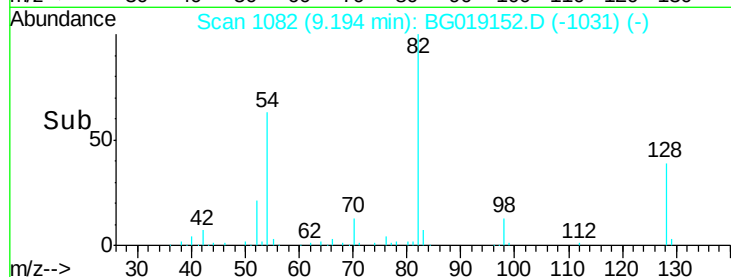
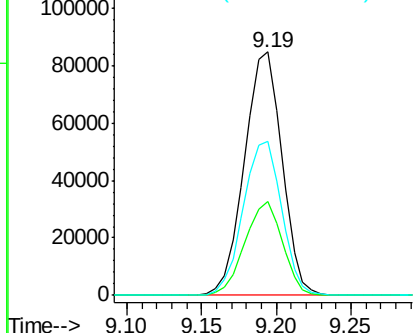
#23
 Nitrobenzene-d5
 Concen: 106.98 ng
 RT: 9.19 min Scan# 1082
 Delta R.T. -0.00 min
 Lab File: BG019152.D
 Acq: 12 Oct 2015 8:36

Instrument :
 BNA_G
 ClientSampleId :
 MW3

Tot Ion	82	Resp	147921
Ion Ratio	Lower	Upper	
82	100		
128	38.5	31.4	47.2
54	63.4	50.0	75.0

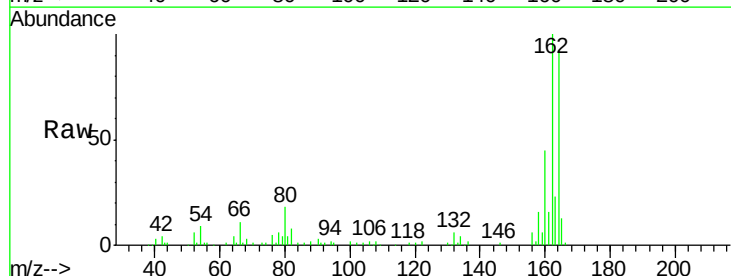


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

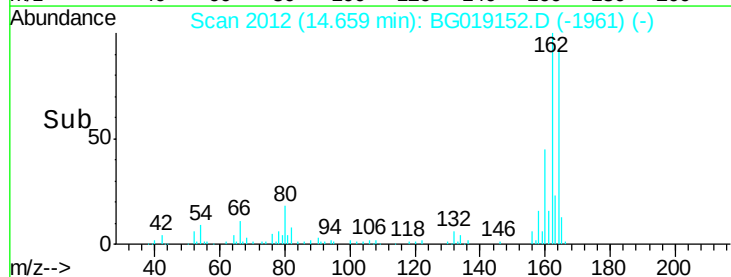
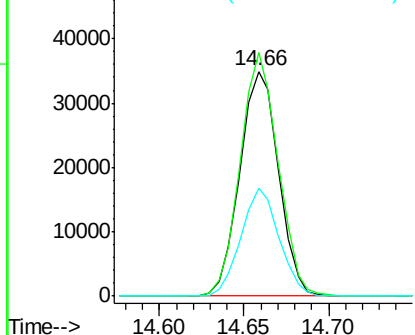


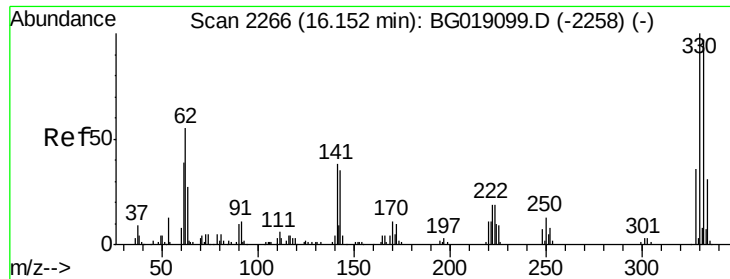
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.66 min Scan# 2012
 Delta R.T. -0.00 min
 Lab File: BG019152.D
 Acq: 12 Oct 2015 8:36

Tgt Ion	164	Resp	55572
Ion Ratio	Lower	Upper	
164	100		
162	108.5	82.6	124.0
160	48.3	36.9	55.3



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: 156.80 ng

RT: 16.15 min Scan# 2266

Delta R.T. -0.00 min

Lab File: BG019152.D

Acq: 12 Oct 2015 8:36

Instrument :

BNA_G

ClientSampleId :

MW3

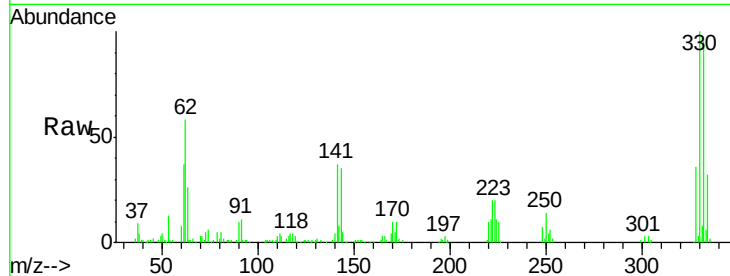
Tot Ion:330 Resp: 118740

Ion Ratio Lower Upper

330 100

332 95.9 77.3 115.9

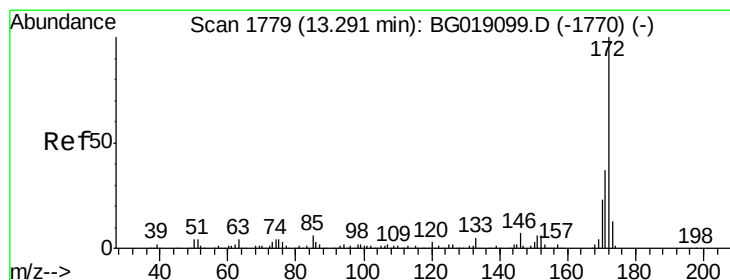
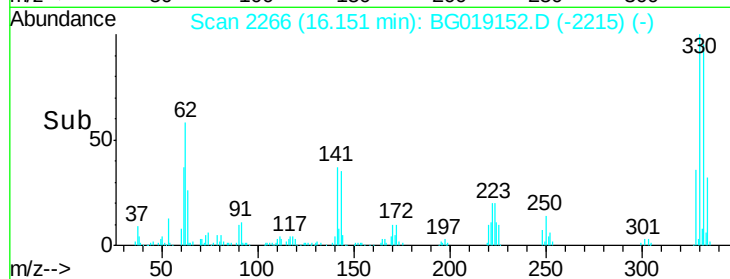
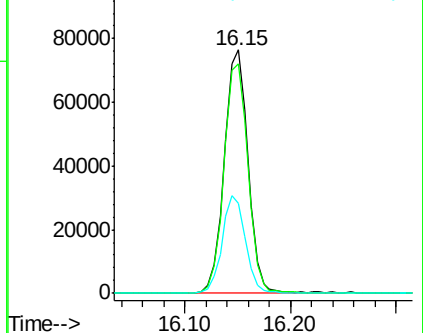
141 39.4 30.7 46.1



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: 104.58 ng

RT: 13.28 min Scan# 1778

Delta R.T. -0.01 min

Lab File: BG019152.D

Acq: 12 Oct 2015 8:36

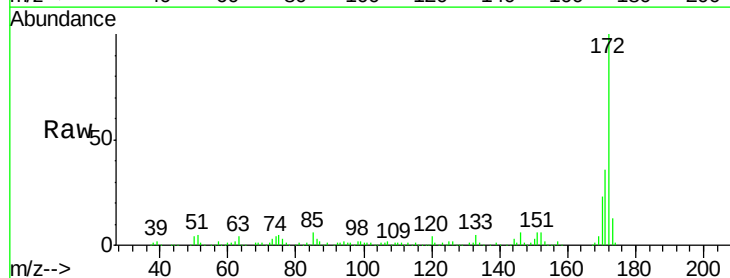
Tgt Ion:172 Resp: 377979

Ion Ratio Lower Upper

172 100

171 36.4 29.9 44.9

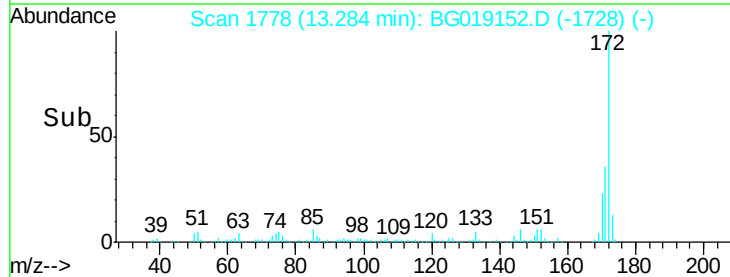
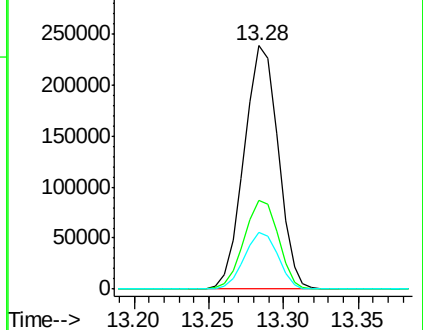
170 23.4 18.6 27.8

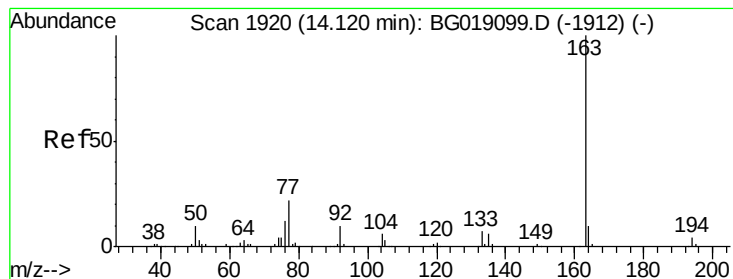


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 3.09 ng

RT: 14.11 min Scan# 1918

Delta R.T. -0.01 min

Lab File: BG019152.D

Acq: 12 Oct 2015 8:36

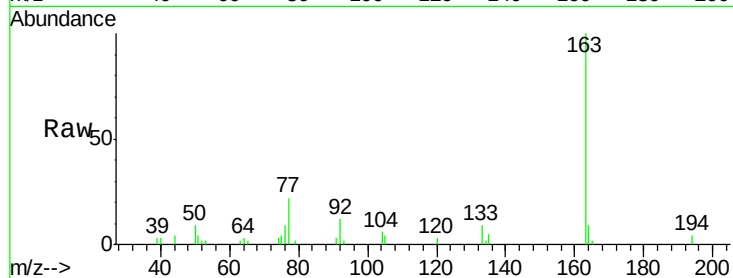
Instrument :

BNA_G

ClientSampleId :

MW3

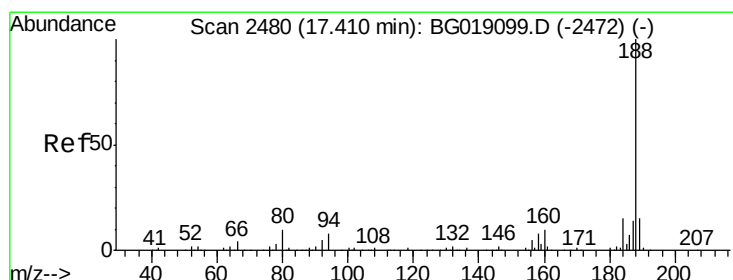
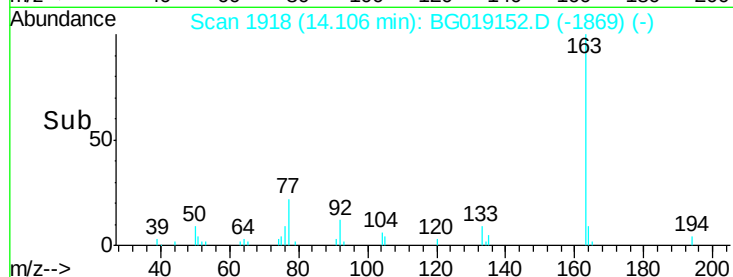
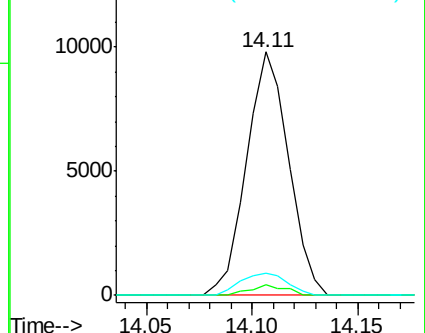
Tot Ion:163	Resp:	13551
Ion Ratio	Lower	Upper
163	100	
194	4.4	3.2 4.8
164	9.2	8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

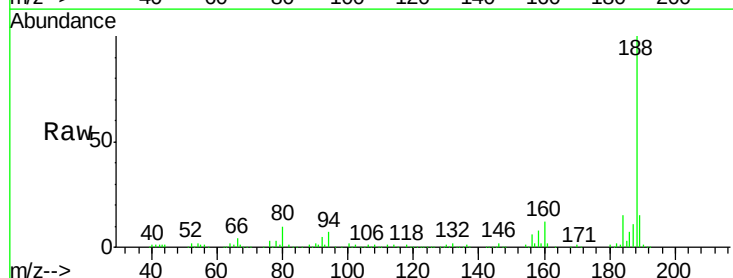
RT: 17.40 min Scan# 2479

Delta R.T. -0.01 min

Lab File: BG019152.D

Acq: 12 Oct 2015 8:36

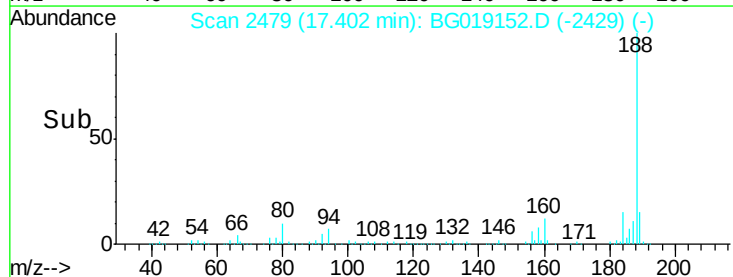
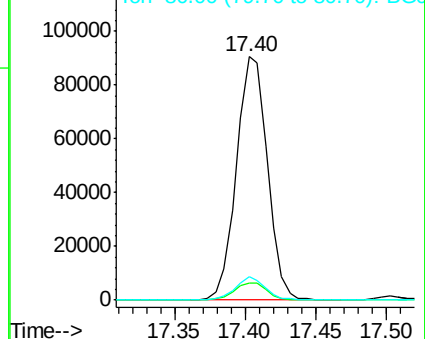
Tgt Ion:188	Resp:	138329
Ion Ratio	Lower	Upper
188	100	
94	7.1	6.4 9.6
80	9.8	7.6 11.4

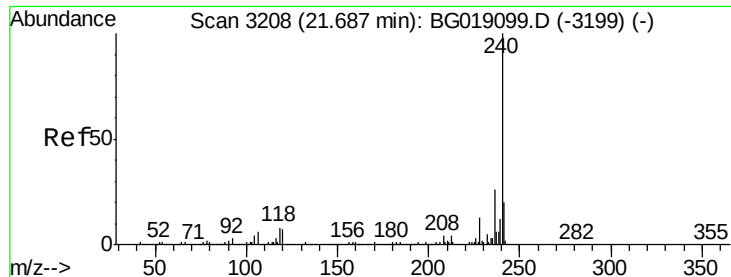


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.67 min Scan# 3206

Delta R.T. -0.01 min

Lab File: BG019152.D

Acq: 12 Oct 2015 8:36

Instrument :

BNA_G

ClientSampleId :

MW3

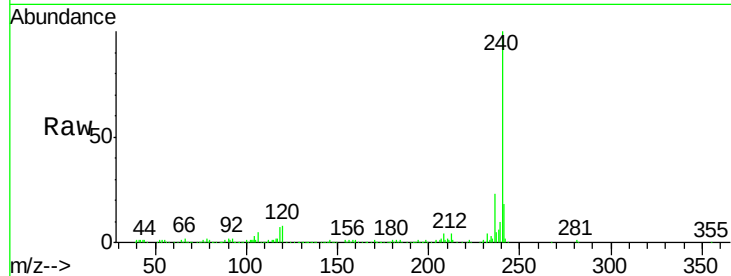
Tot Ion:240 Resp: 154886

Ion Ratio Lower Upper

240 100

120 7.6 5.8 8.6

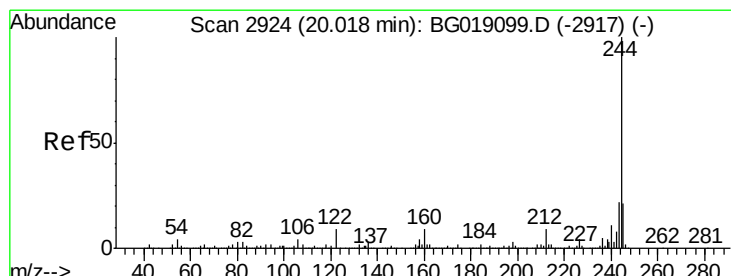
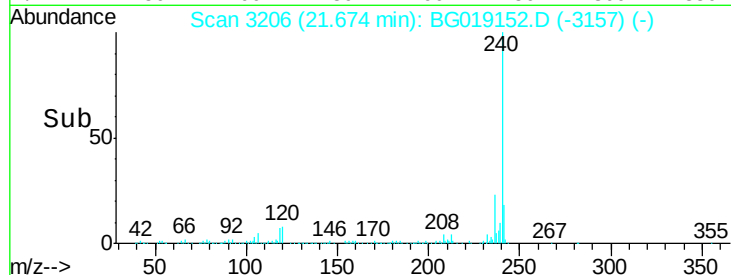
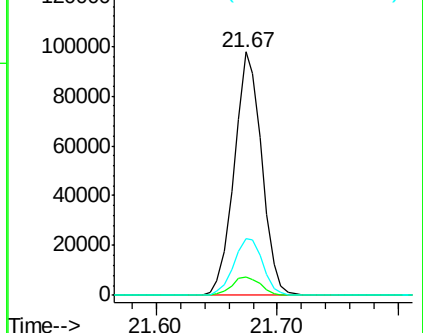
236 23.2 21.2 31.8



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: 100.77 ng

RT: 20.02 min Scan# 2924

Delta R.T. -0.00 min

Lab File: BG019152.D

Acq: 12 Oct 2015 8:36

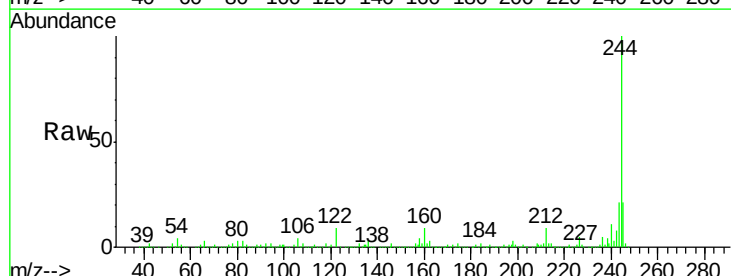
Tgt Ion:244 Resp: 590850

Ion Ratio Lower Upper

244 100

212 9.2 6.8 10.2

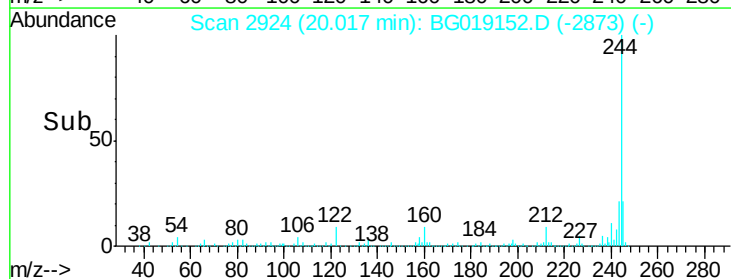
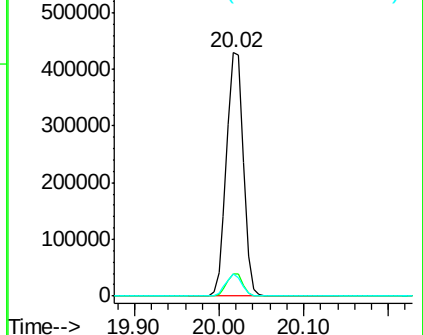
122 8.9 7.4 11.2

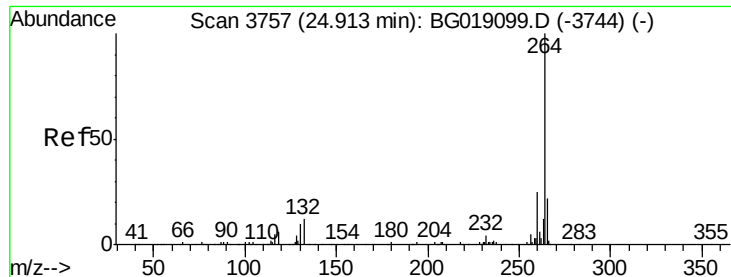


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.90 min Scan# 3755
Delta R.T. -0.01 min
Lab File: BG019152.D
Acq: 12 Oct 2015 8:36

Instrument :
BNA_G
ClientSampleId :
MW3

Tot Ion:	264	Resp:	156557
Ion	Ratio	Lower	Upper
264	100		
260	23.3	20.1	30.1
265	22.3	17.2	25.8

