

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101215\
 Data File : BG019154.D
 Acq On : 12 Oct 2015 9:52
 Operator : UM/NP
 Sample : G3978-07
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW27

Quant Time: Oct 13 01:03:13 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

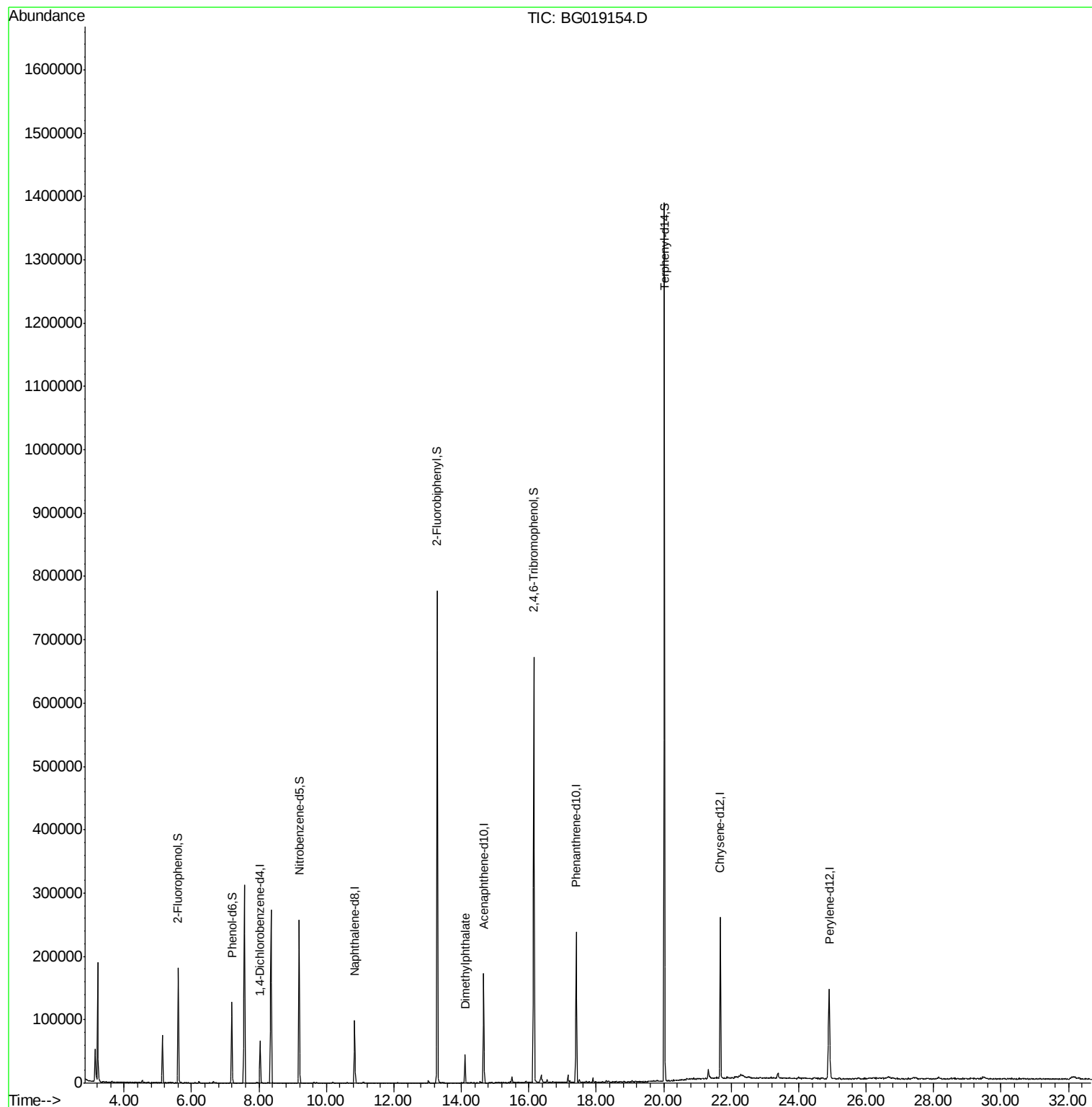
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	17431	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	79457	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	58248	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	140214	20.00	ng	0.00
75) Chrysene-d12	21.68	240	159643	20.00	ng	-0.01
86) Perylene-d12	24.90	264	156587	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	65737	76.79	ng	0.00
7) Phenol-d6	7.19	99	65897	50.11	ng	0.00
23) Nitrobenzene-d5	9.19	82	151565	105.40	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	120556	151.88	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	386005	101.90	ng	0.00
78) Terphenyl-d14	20.02	244	595145	98.48	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.11	163	28788	6.26	ng	Qvalue 99

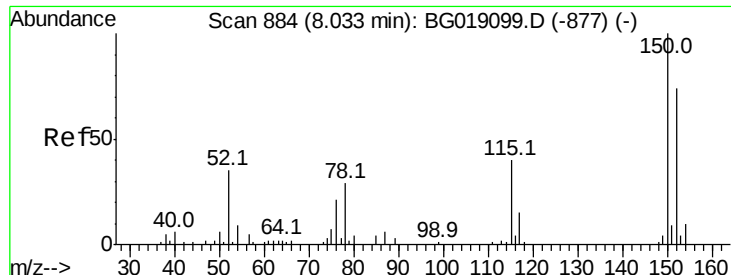
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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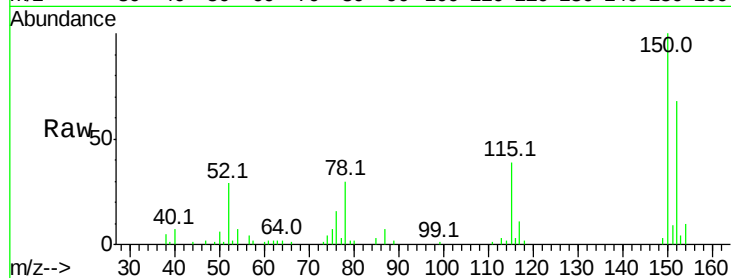


#1

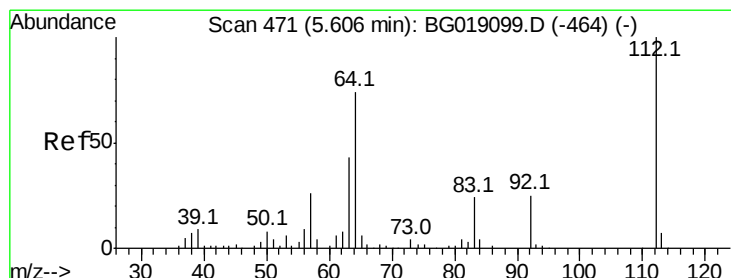
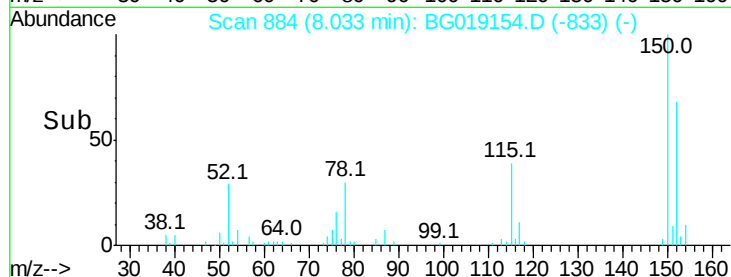
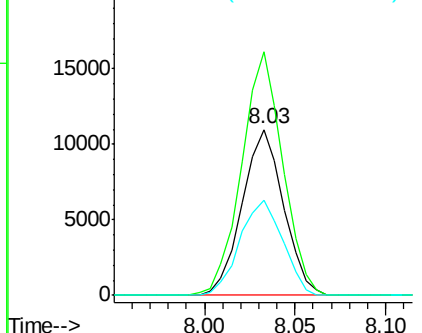
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.03 min Scan# 884
 Delta R.T. 0.00 min
 Lab File: BG019154.D
 Acq: 12 Oct 2015 9:52

Instrument :
 BNA_G
 ClientSampleId :
 MW27

Tot Ion:152 Resp: 17431
 Ion Ratio Lower Upper
 152 100
 150 147.0 108.2 162.2
 115 57.4 43.2 64.8



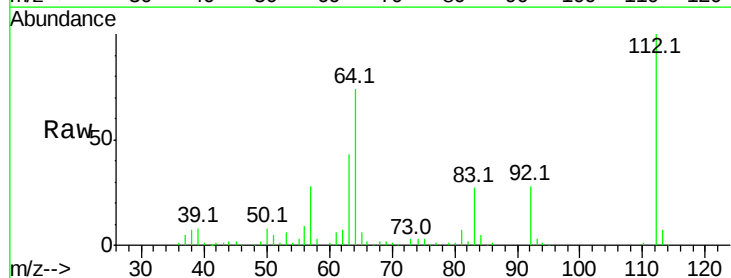
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



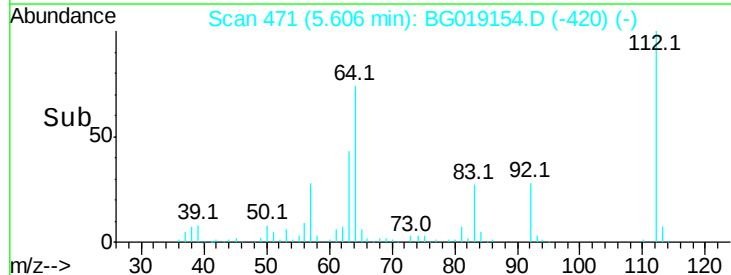
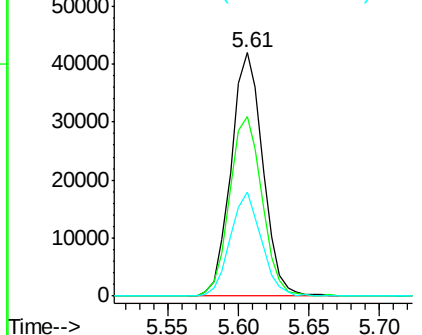
#5

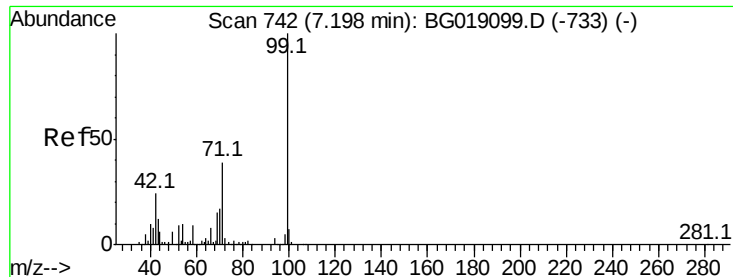
2-Fluorophenol
 Concen: 76.79 ng
 RT: 5.61 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BG019154.D
 Acq: 12 Oct 2015 9:52

Tgt Ion:112 Resp: 65737
 Ion Ratio Lower Upper
 112 100
 64 73.7 59.0 88.4
 63 42.6 34.7 52.1



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG
 Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 50.11 ng

RT: 7.19 min Scan# 741

Delta R.T. -0.01 min

Lab File: BG019154.D

Acq: 12 Oct 2015 9:52

Instrument :

BNA_G

ClientSampleId :

MW27

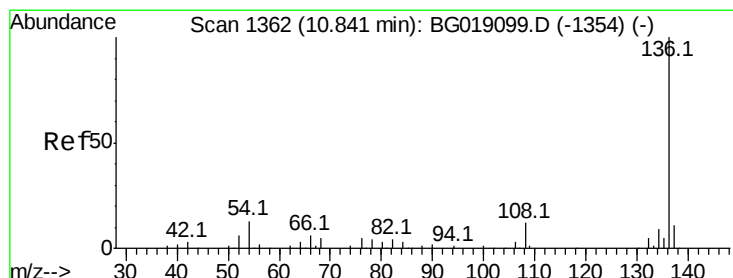
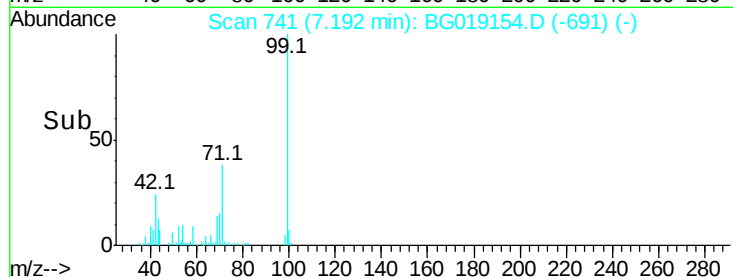
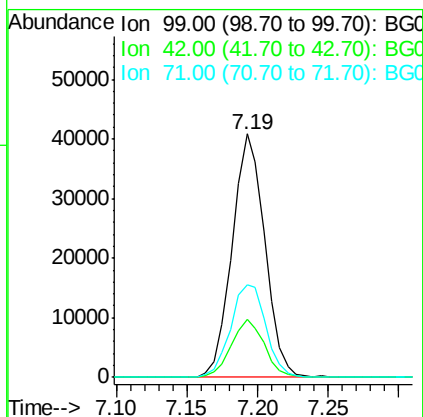
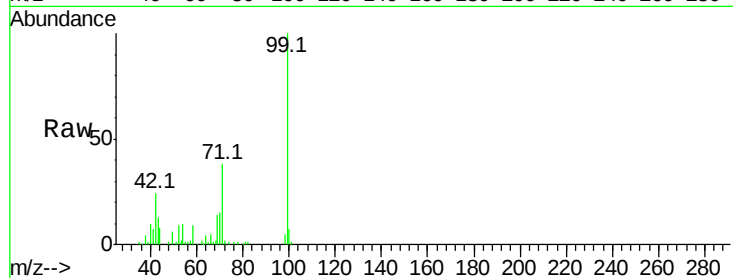
Tot Ion: 99 Resp: 65897

Ion Ratio Lower Upper

99 100

42 23.8 19.5 29.3

71 38.0 31.4 47.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.84 min Scan# 1361

Delta R.T. -0.01 min

Lab File: BG019154.D

Acq: 12 Oct 2015 9:52

Tgt Ion: 136 Resp: 79457

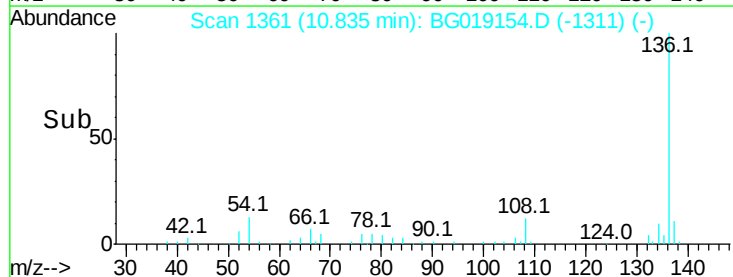
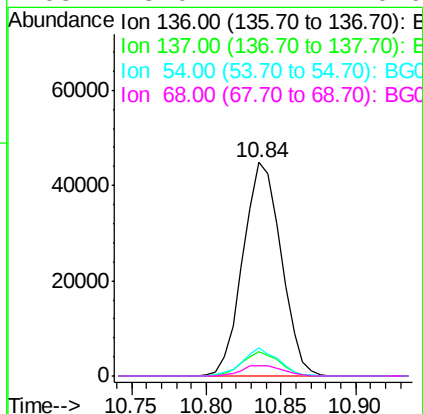
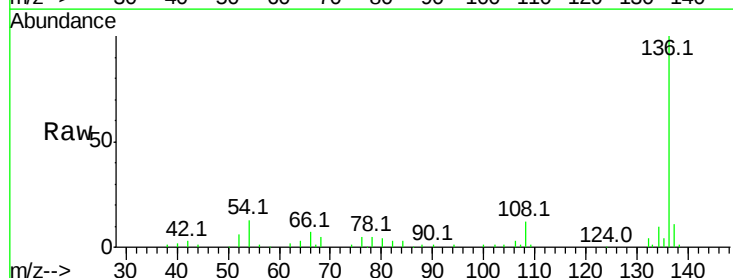
Ion Ratio Lower Upper

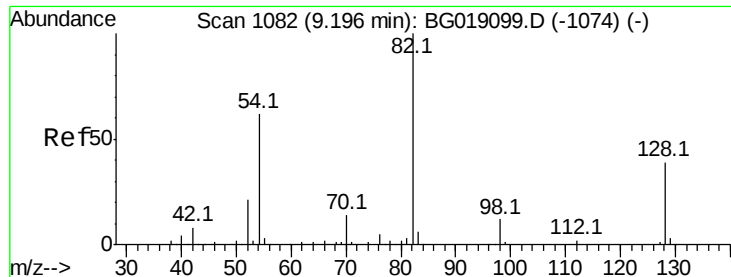
136 100

137 11.1 9.0 13.4

54 13.1 10.1 15.1

68 5.0 4.4 6.6

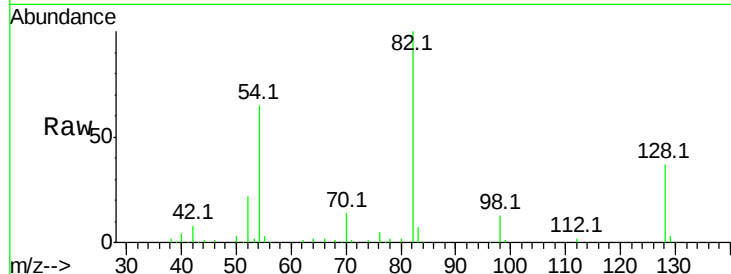




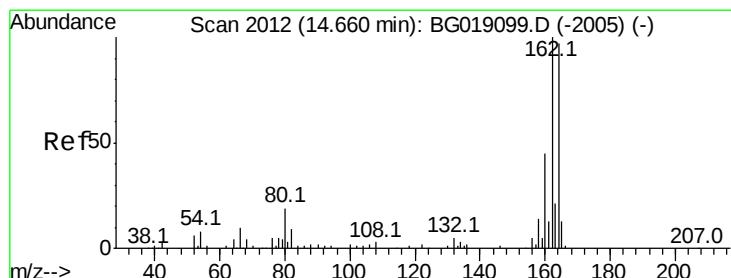
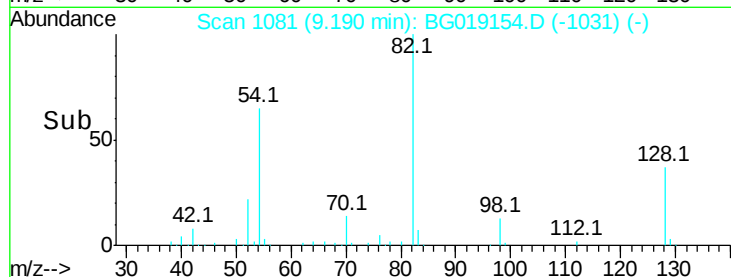
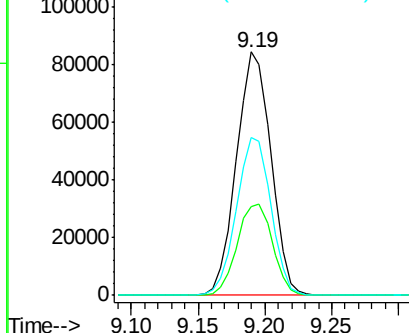
#23
Nitrobenzene-d5
Concen: 105.40 ng
RT: 9.19 min Scan# 1081
Delta R.T. -0.01 min
Lab File: BG019154.D
Acq: 12 Oct 2015 9:52

Instrument :
BNA_G
ClientSampleId :
MW27

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.7	31.4	47.2
54	65.0	50.0	75.0

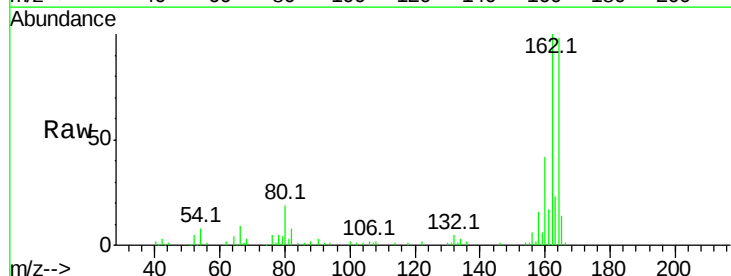


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

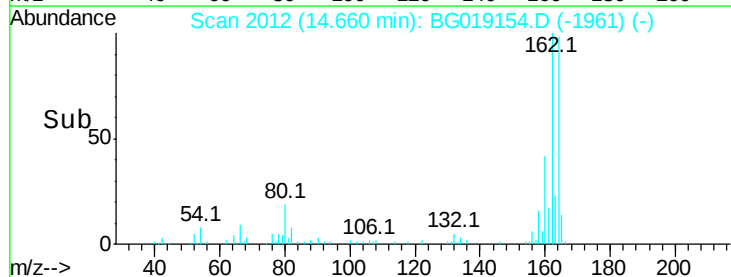
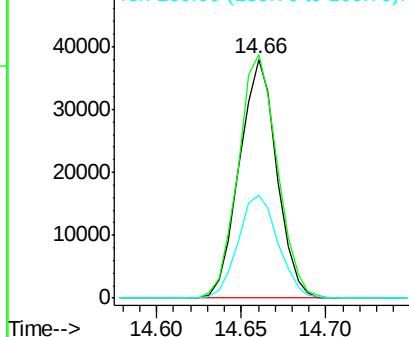


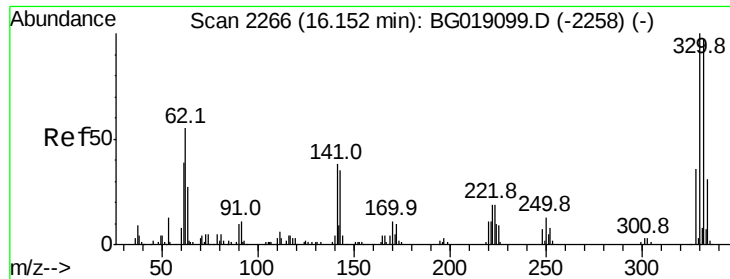
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.66 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BG019154.D
Acq: 12 Oct 2015 9:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	82.6	124.0
160	42.8	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

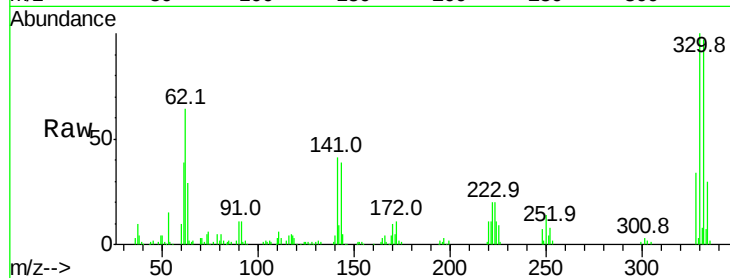




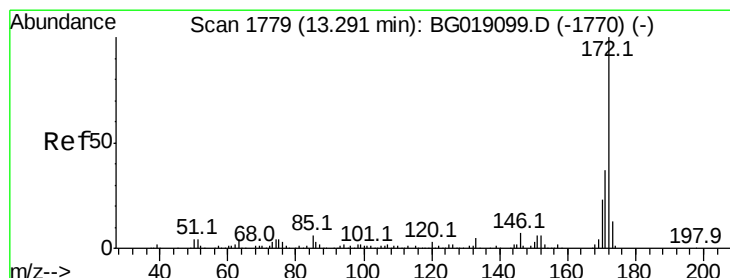
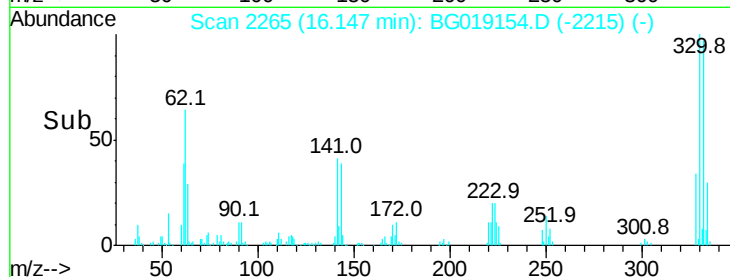
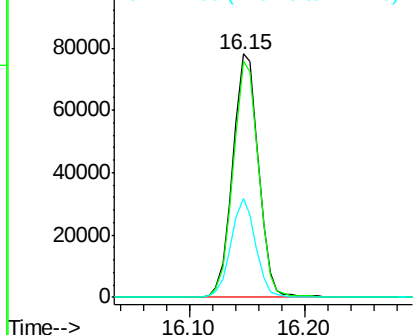
#41
 2,4,6-Tribromophenol
 Concen: 151.88 ng
 RT: 16.15 min Scan# 2265
 Delta R.T. -0.01 min
 Lab File: BG019154.D
 Acq: 12 Oct 2015 9:52

Instrument :
 BNA_G
 ClientSampleId :
 MW27

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.3	115.9
141	38.9	30.7	46.1

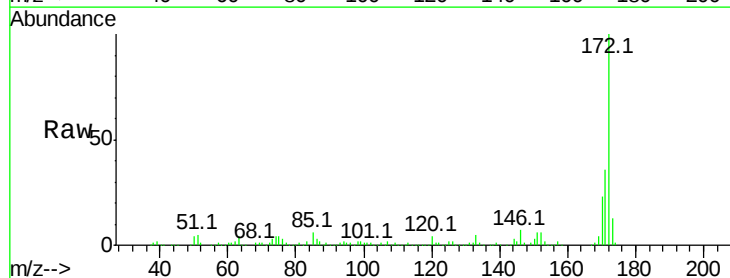


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

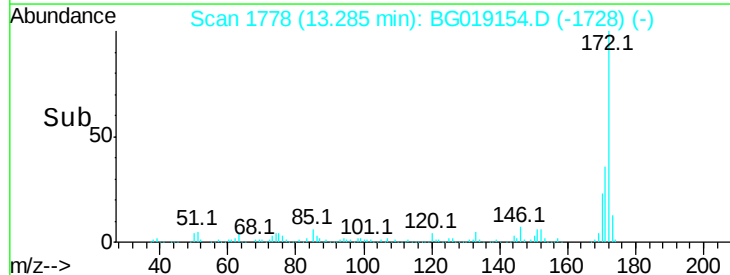
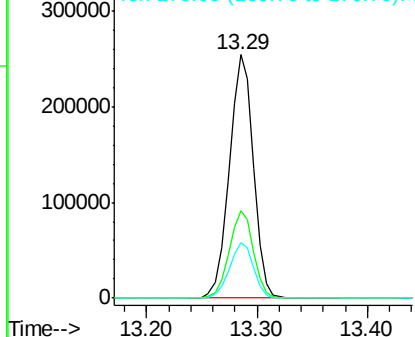


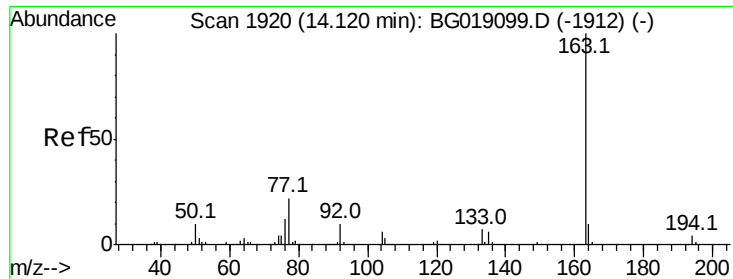
#44
 2-Fluorobiphenyl
 Concen: 101.90 ng
 RT: 13.29 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BG019154.D
 Acq: 12 Oct 2015 9:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.9	44.9
170	22.9	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: 6.26 ng

RT: 14.11 min Scan# 1918

Delta R.T. -0.01 min

Lab File: BG019154.D

Acq: 12 Oct 2015 9:52

Instrument :

BNA_G

ClientSampleId :

MW27

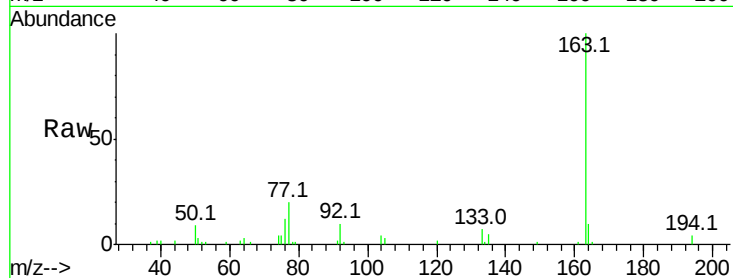
Tot Ion:163 Resp: 28788

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

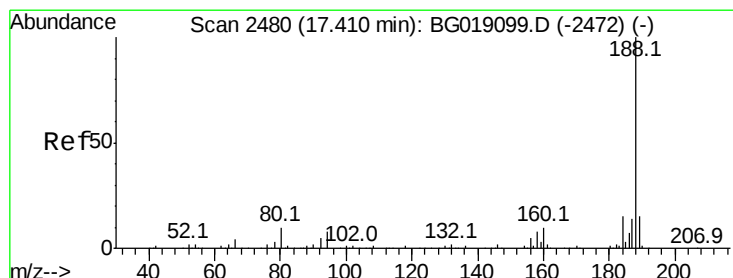
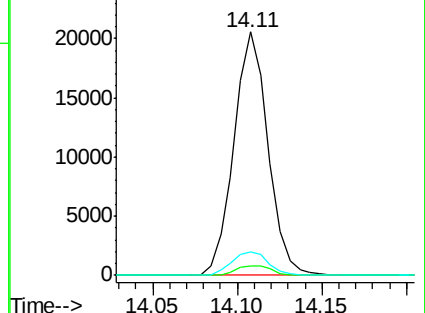
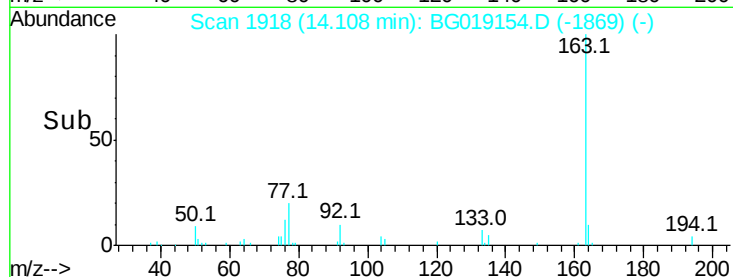
164 9.8 8.1 12.1



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: BG019154.D

Acq: 12 Oct 2015 9:52

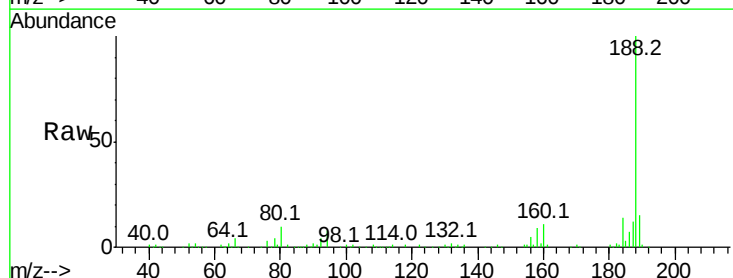
Tgt Ion:188 Resp: 140214

Ion Ratio Lower Upper

188 100

94 7.8 6.4 9.6

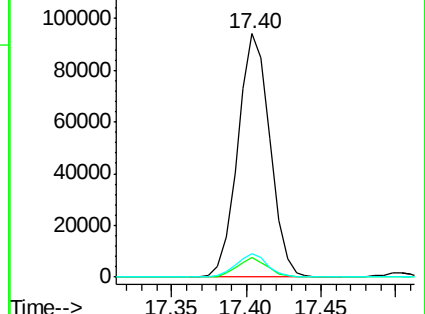
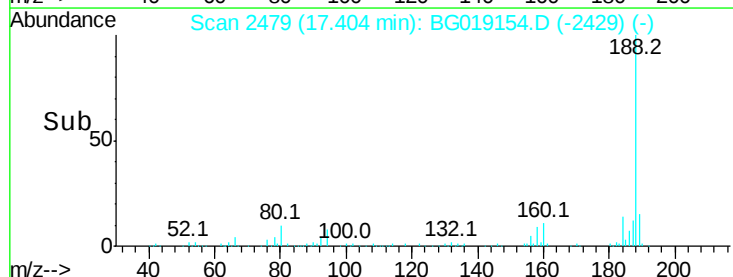
80 9.6 7.6 11.4

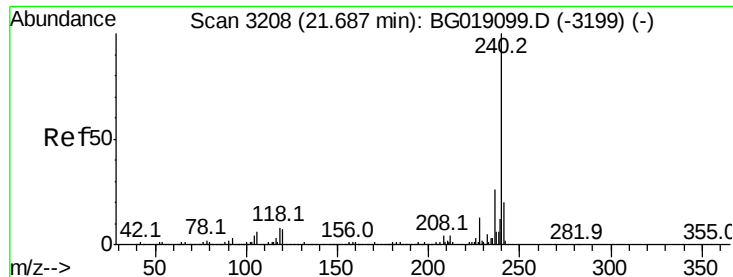


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.68 min Scan# 3206

Delta R.T. -0.01 min

Lab File: BG019154.D

Acq: 12 Oct 2015 9:52

Instrument :

BNA_G

ClientSampleId :

MW27

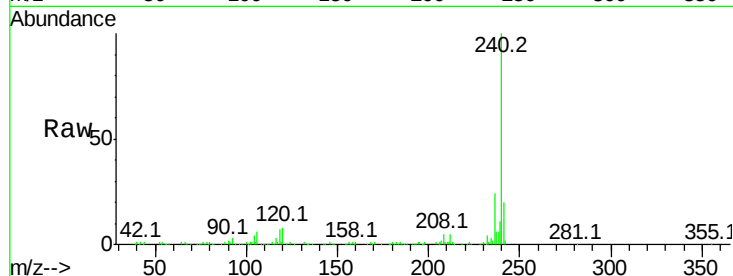
Tot Ion:240 Resp: 159643

Ion Ratio Lower Upper

240 100

120 7.8 5.8 8.6

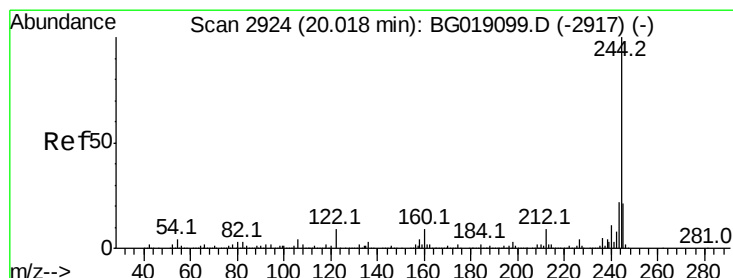
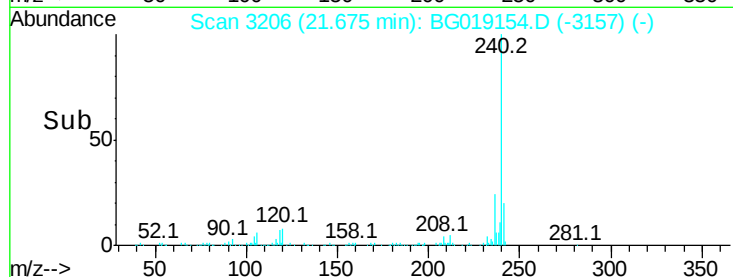
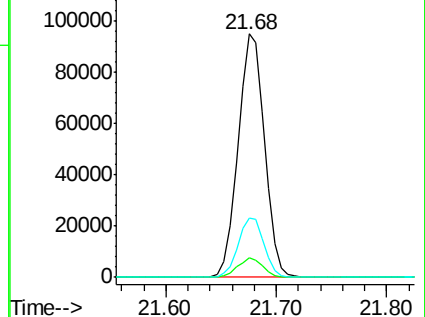
236 24.3 21.2 31.8



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: 98.48 ng

RT: 20.02 min Scan# 2924

Delta R.T. 0.00 min

Lab File: BG019154.D

Acq: 12 Oct 2015 9:52

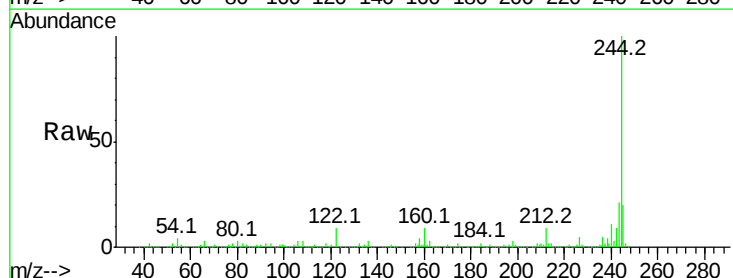
Tgt Ion:244 Resp: 595145

Ion Ratio Lower Upper

244 100

212 8.7 6.8 10.2

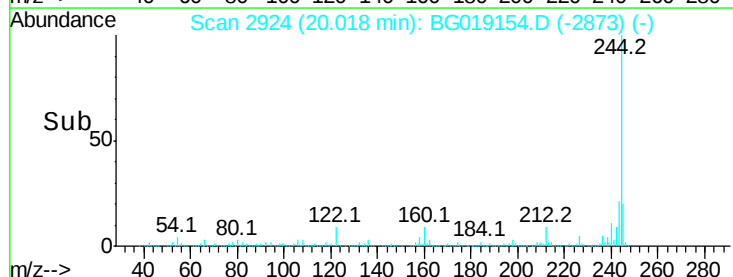
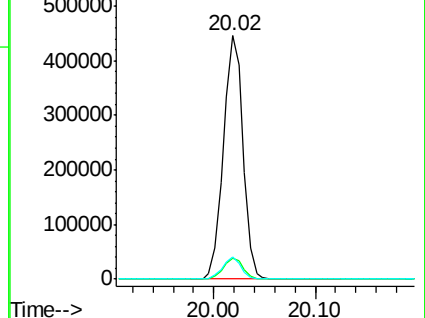
122 8.9 7.4 11.2

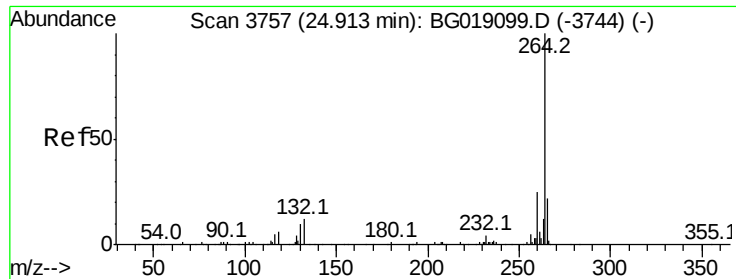


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG019154.D
 Acq: 12 Oct 2015 9:52

Instrument :
 BNA_G
 ClientSampleId :
 MW27

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	20.1	30.1
265	22.0	17.2	25.8

