

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120215\
 Data File : BG019850.D
 Acq On : 3 Dec 2015 1:10
 Operator : UM/NP
 Sample : G4624-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-1(0-5)

Quant Time: Dec 03 03:07:27 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

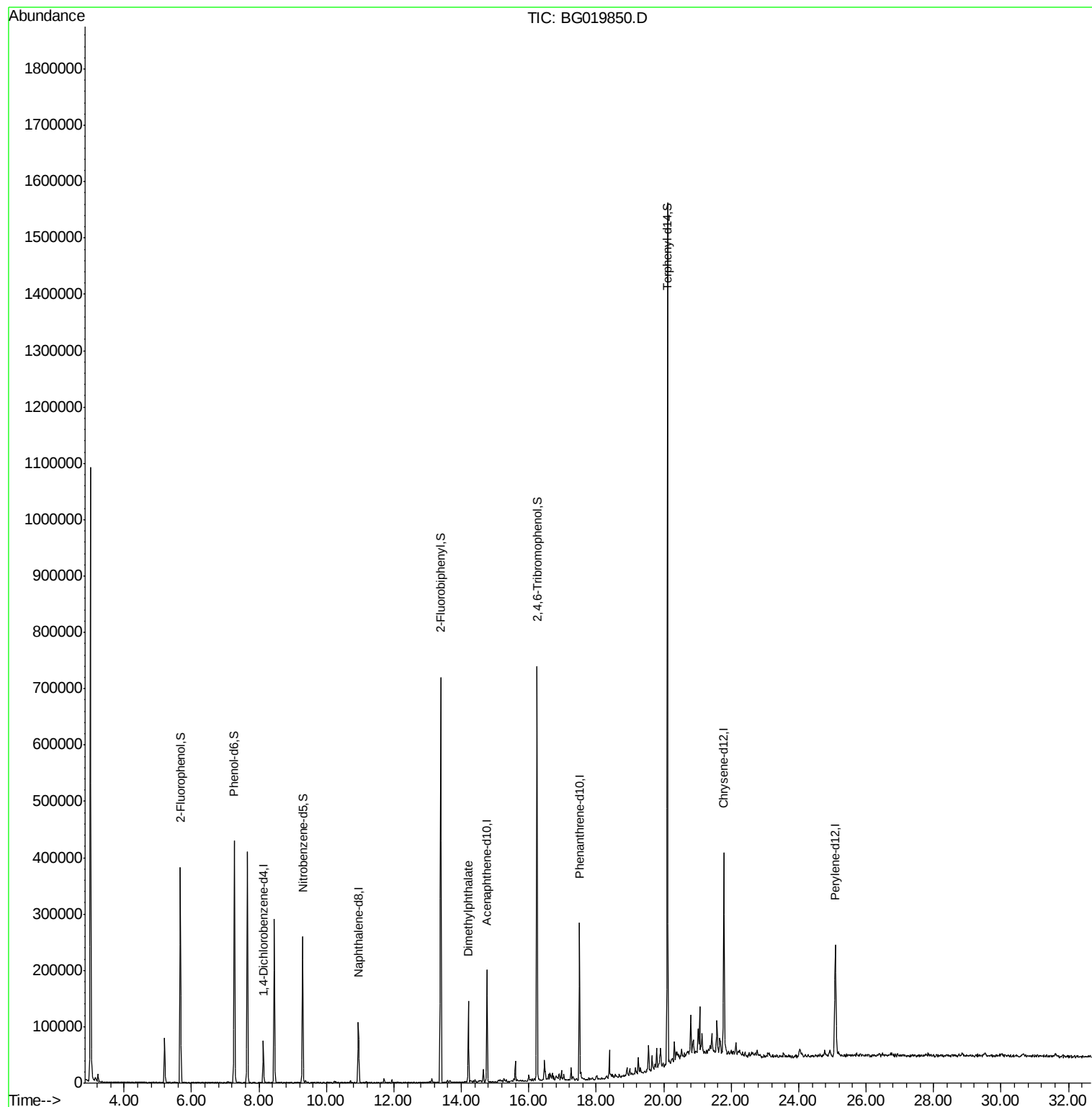
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	19850	20.00	ng	-0.01
21) Naphthalene-d8	10.95	136	87387	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	63793	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	170872	20.00	ng	0.00
75) Chrysene-d12	21.78	240	218094	20.00	ng	-0.01
86) Perylene-d12	25.09	264	207086	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	148395	135.11	ng	0.00
7) Phenol-d6	7.27	99	228459	137.77	ng	0.00
23) Nitrobenzene-d5	9.30	82	150431	87.85	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	123735	126.77	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	355052	75.99	ng	0.00
78) Terphenyl-d14	20.11	244	660393	73.86	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.21	163	88187	15.37	ng	Qvalue 99

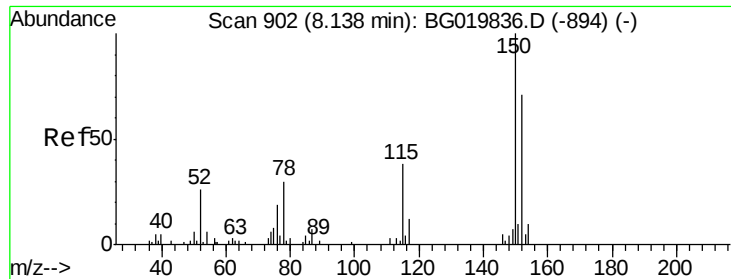
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 8.13 min Scan# 900

Delta R.T. -0.01 min

Lab File: BG019850.D

Acq: 3 Dec 2015 1:10

Instrument :

BNA_G

ClientSampleId :

SB-1(0-5)

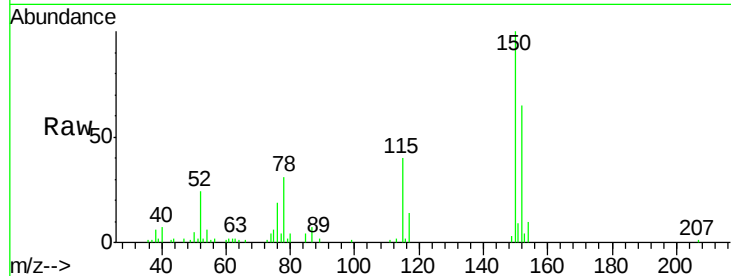
Tgt Ion:152 Resp: 19850

Ion Ratio Lower Upper

152 100

150 153.9 115.0 172.4

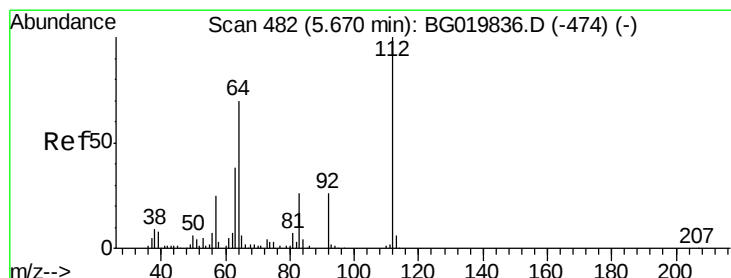
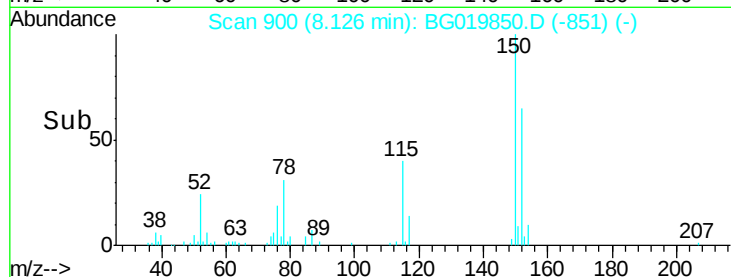
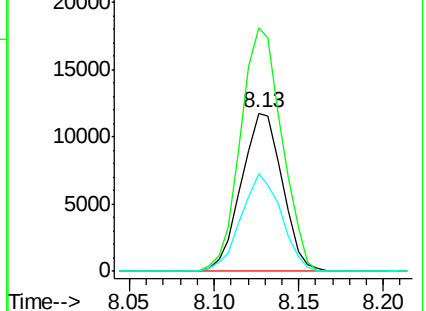
115 62.0 43.9 65.9



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: 135.11 ng

RT: 5.67 min Scan# 482

Delta R.T. 0.00 min

Lab File: BG019850.D

Acq: 3 Dec 2015 1:10

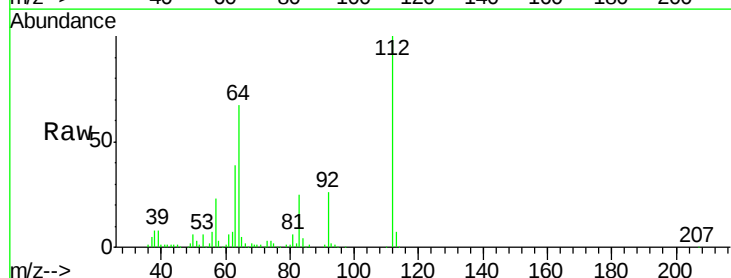
Tgt Ion:112 Resp: 148395

Ion Ratio Lower Upper

112 100

64 67.3 43.7 65.5#

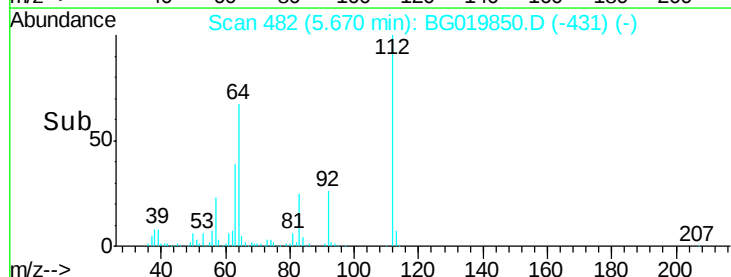
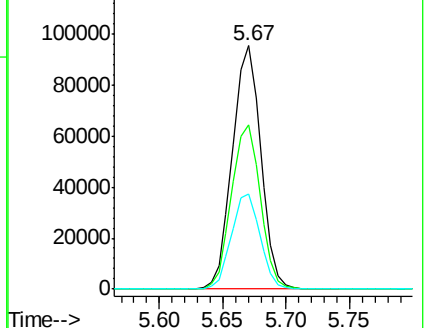
63 39.3 24.0 36.0#

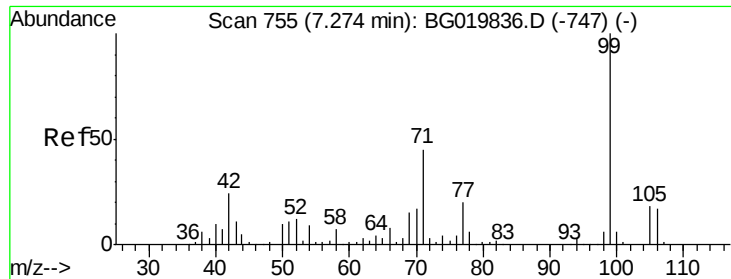


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 137.77 ng

RT: 7.27 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG019850.D

Acq: 3 Dec 2015 1:10

Instrument :

BNA_G

ClientSampleId :

SB-1(0-5)

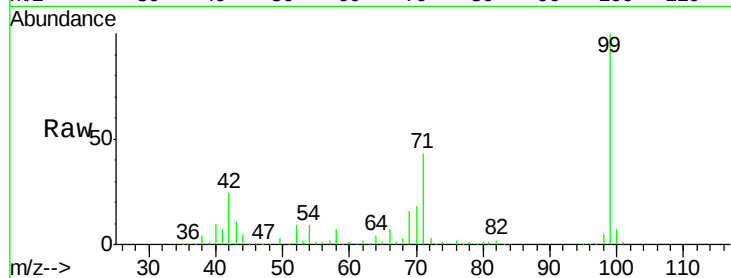
Tgt Ion: 99 Resp: 228459

Ion Ratio Lower Upper

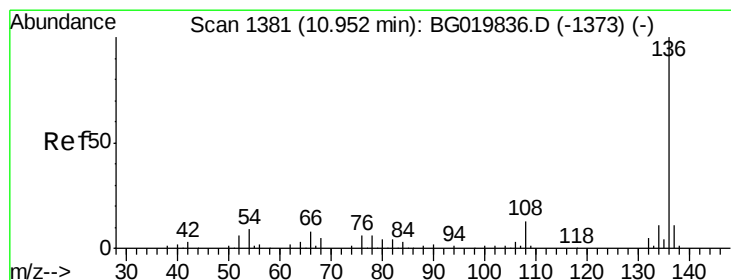
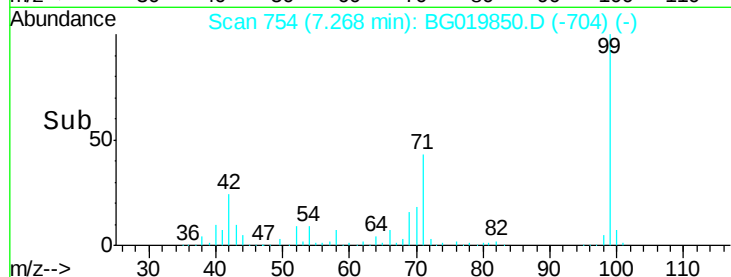
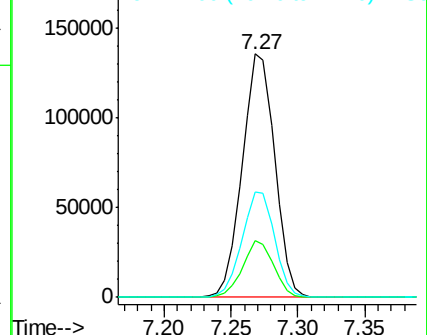
99 100

42 23.6 11.5 17.3#

71 43.1 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: 10.95 min Scan# 1380

Delta R.T. -0.01 min

Lab File: BG019850.D

Acq: 3 Dec 2015 1:10

Tgt Ion: 136 Resp: 87387

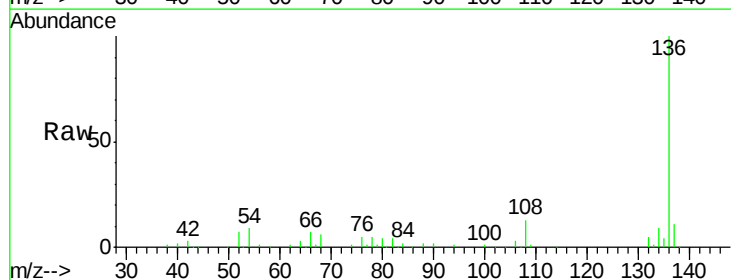
Ion Ratio Lower Upper

136 100

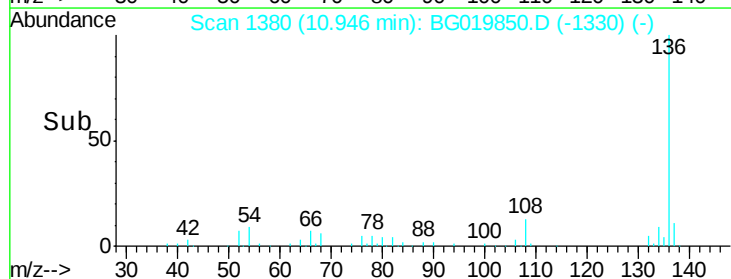
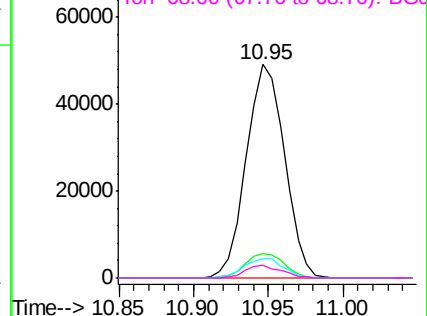
137 11.3 8.6 12.8

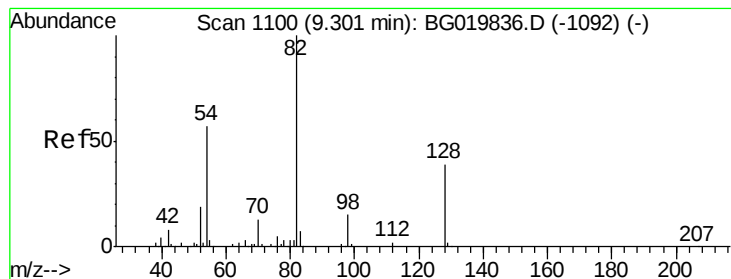
54 9.2 5.4 8.2#

68 5.9 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: 87.85 ng

RT: 9.30 min Scan# 1099

Delta R.T. -0.01 min

Lab File: BG019850.D

Acq: 3 Dec 2015 1:10

Instrument :

BNA_G

ClientSampleId :

SB-1(0-5)

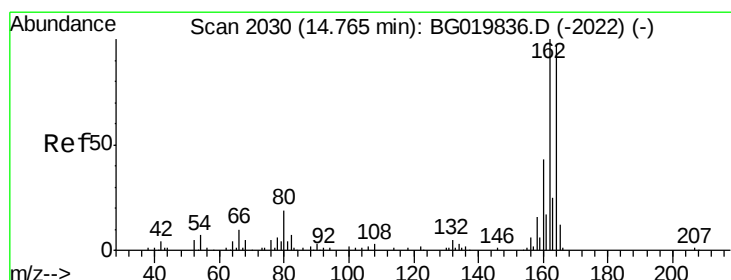
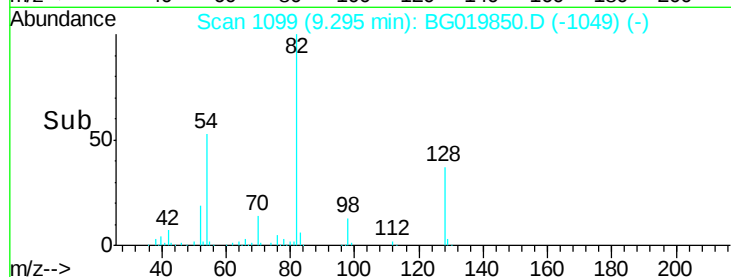
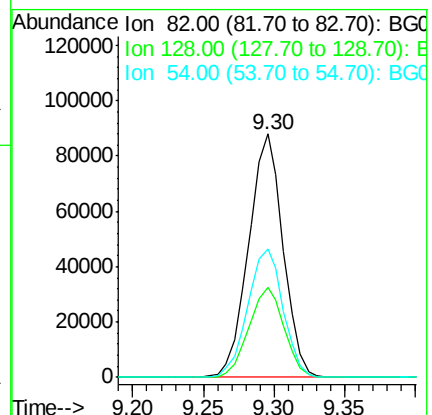
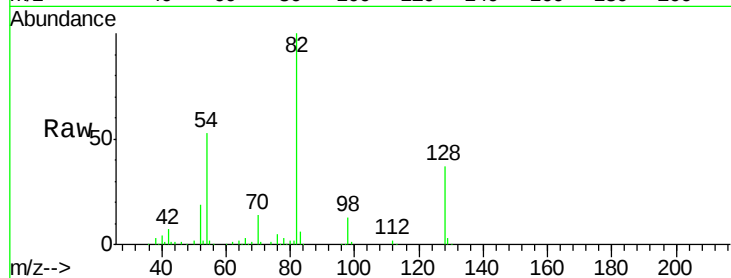
Tgt Ion: 82 Resp: 150431

Ion Ratio Lower Upper

82 100

128 37.2 36.7 55.1

54 52.9 33.8 50.8#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.76 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BG019850.D

Acq: 3 Dec 2015 1:10

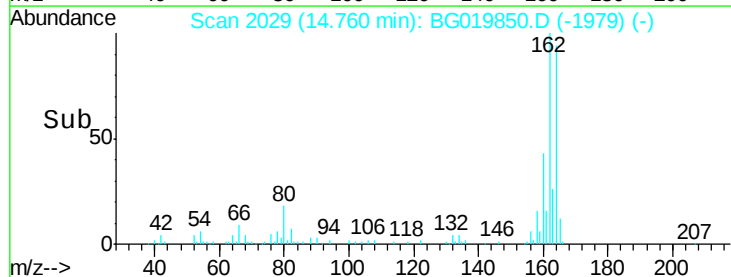
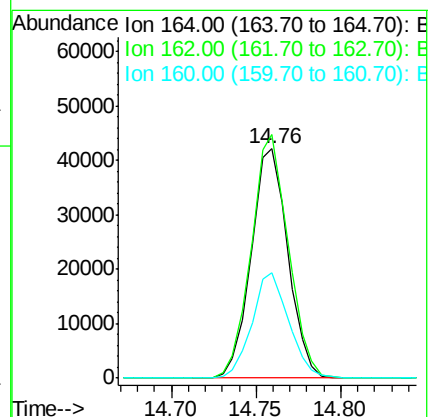
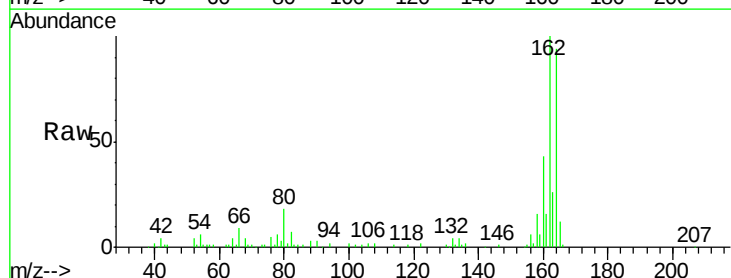
Tgt Ion: 164 Resp: 63793

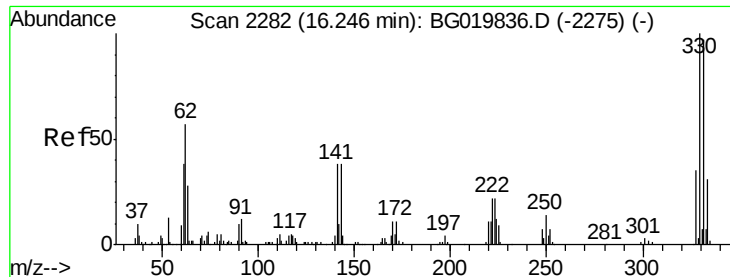
Ion Ratio Lower Upper

164 100

162 106.3 78.8 118.2

160 46.2 36.4 54.6

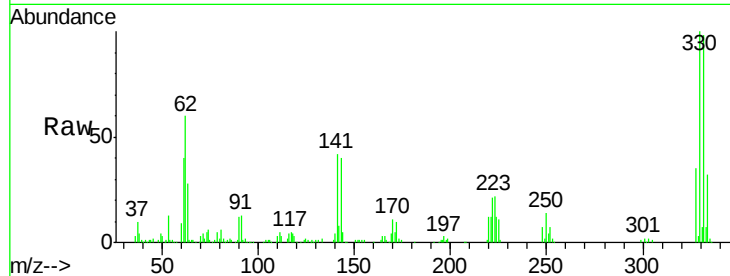




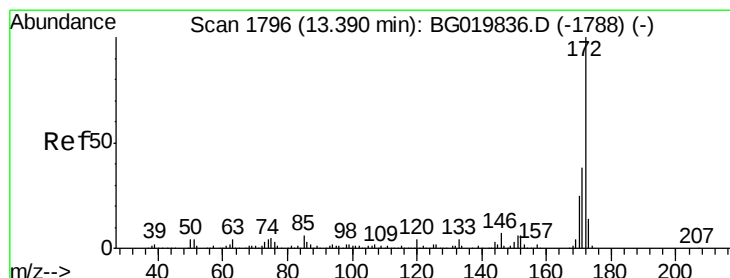
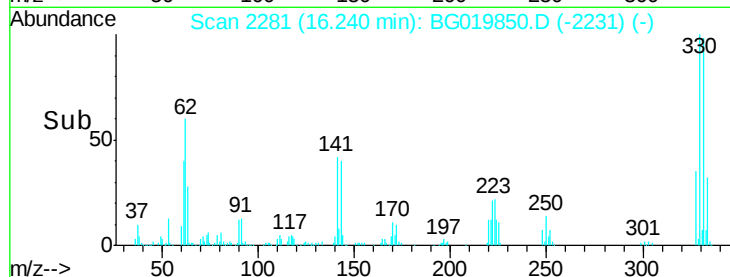
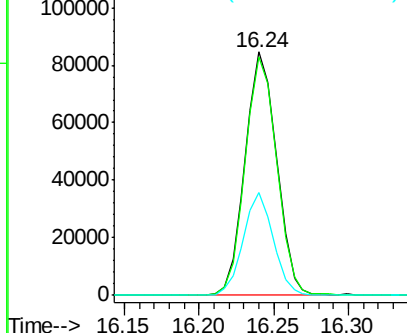
#41
 2,4,6-Tribromophenol
 Concen: 126.77 ng
 RT: 16.24 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: BG019850.D
 Acq: 3 Dec 2015 1:10

Instrument :
 BNA_G
 ClientSampled :
 SB-1(0-5)

Tgt Ion:330 Resp: 123735
 Ion Ratio Lower Upper
 330 100
 332 98.2 78.1 117.1
 141 40.4 28.2 42.2

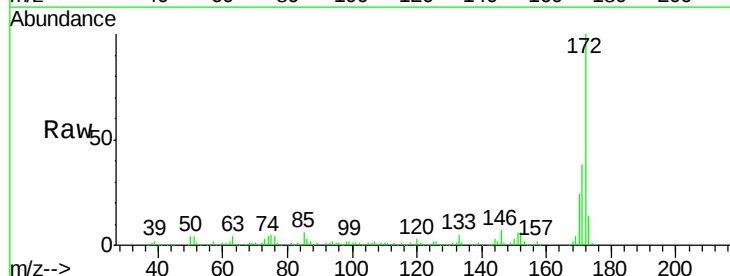


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

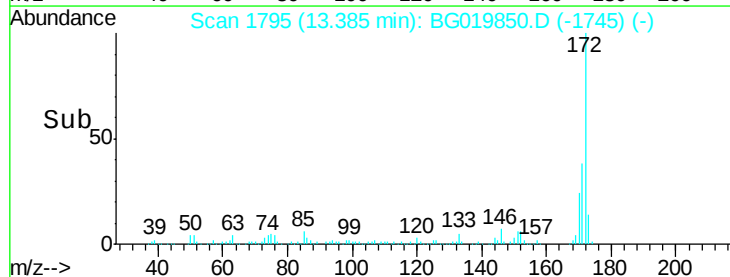
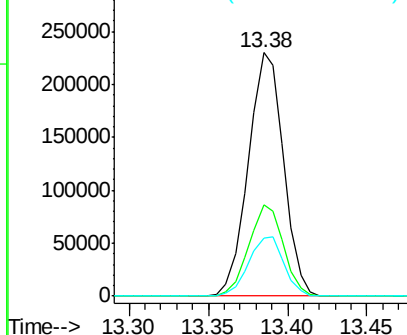


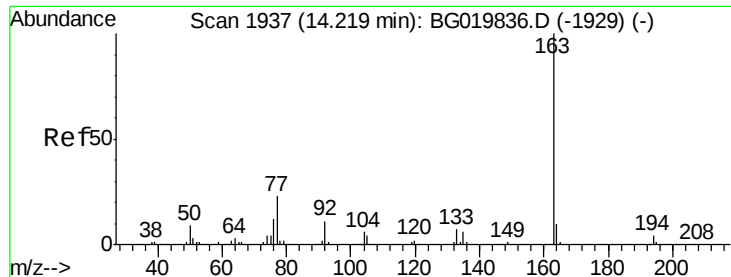
#44
 2-Fluorobiphenyl
 Concen: 75.99 ng
 RT: 13.38 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BG019850.D
 Acq: 3 Dec 2015 1:10

Tgt Ion:172 Resp: 355052
 Ion Ratio Lower Upper
 172 100
 171 37.7 29.0 43.6
 170 24.0 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





#49

Dimethylphthalate

Concen: 15.37 ng

RT: 14.21 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BG019850.D

Acq: 3 Dec 2015 1:10

Instrument :

BNA_G

ClientSampleId :

SB-1(0-5)

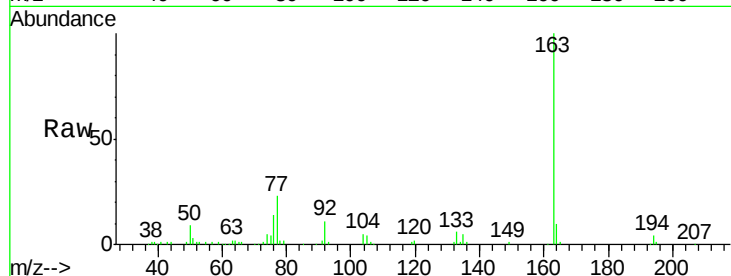
Tgt Ion:163 Resp: 88187

Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

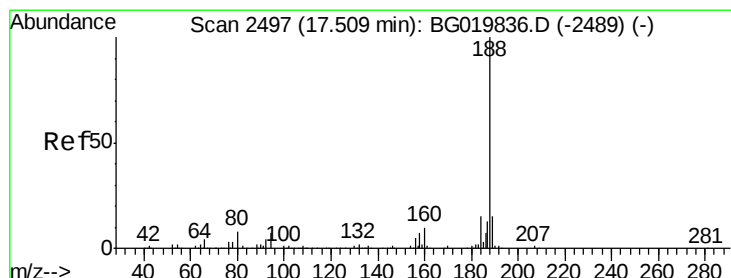
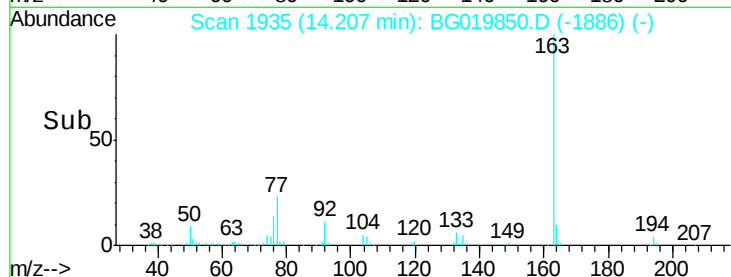
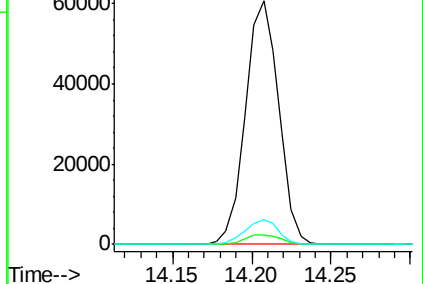
164 10.3 8.8 13.2



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: 17.50 min Scan# 2496

Delta R.T. -0.01 min

Lab File: BG019850.D

Acq: 3 Dec 2015 1:10

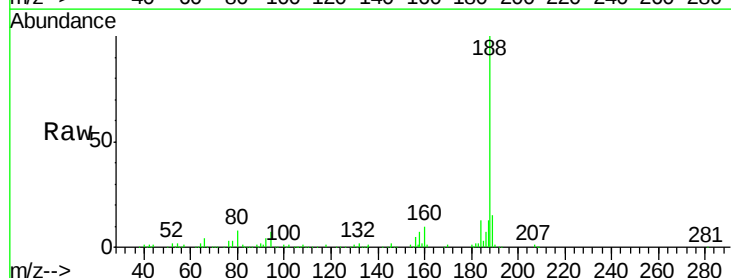
Tgt Ion:188 Resp: 170872

Ion Ratio Lower Upper

188 100

94 6.6 7.7 11.5#

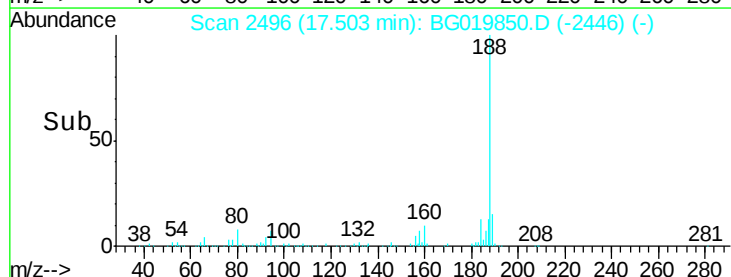
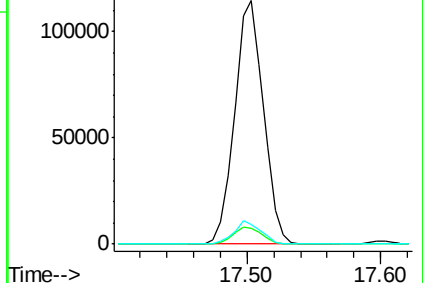
80 7.9 7.8 11.8

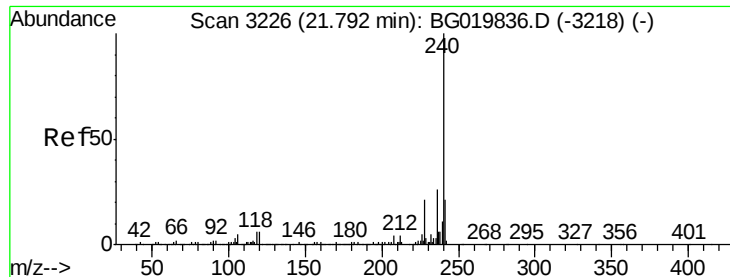


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.78 min Scan# 3224

Delta R.T. -0.01 min

Lab File: BG019850.D

Acq: 3 Dec 2015 1:10

Instrument :

BNA_G

ClientSampleId :

SB-1(0-5)

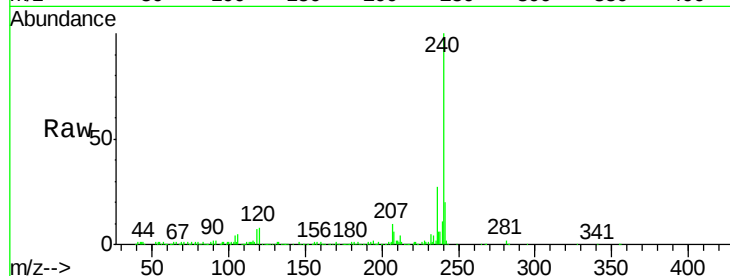
Tgt Ion:240 Resp: 218094

Ion Ratio Lower Upper

240 100

120 7.6 7.4 11.0

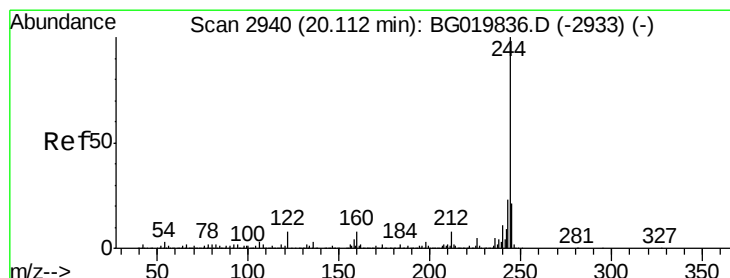
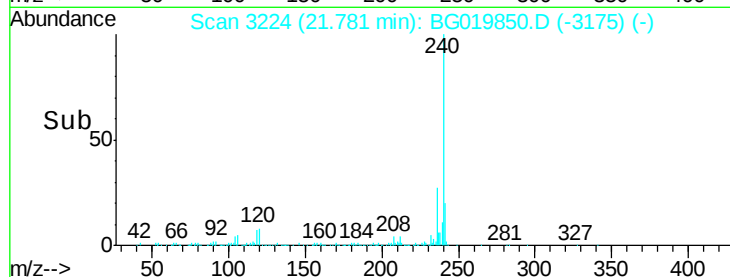
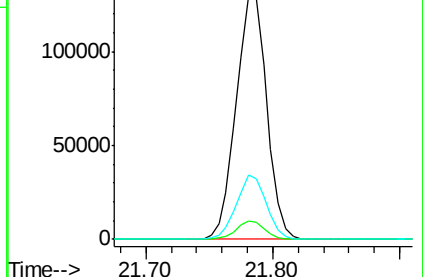
236 26.5 20.7 31.1



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: 73.86 ng

RT: 20.11 min Scan# 2939

Delta R.T. -0.00 min

Lab File: BG019850.D

Acq: 3 Dec 2015 1:10

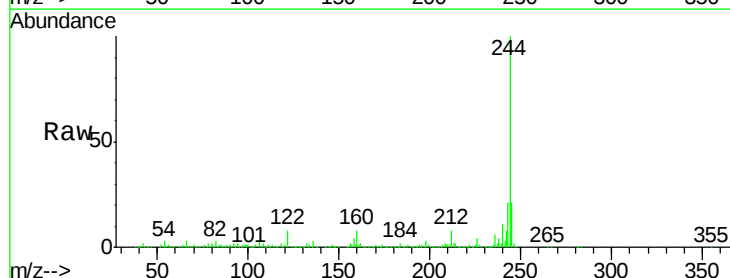
Tgt Ion:244 Resp: 660393

Ion Ratio Lower Upper

244 100

212 8.2 6.9 10.3

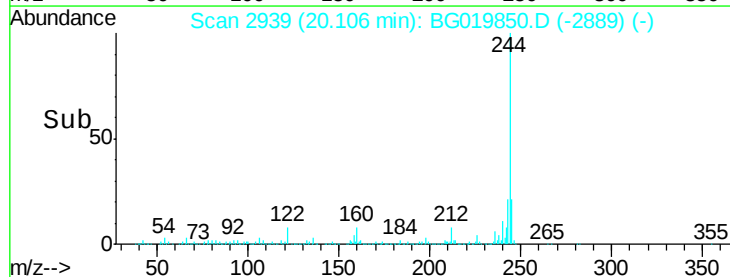
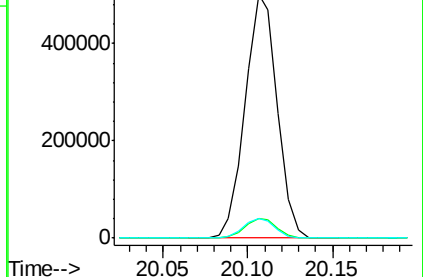
122 8.2 10.2 15.2#



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

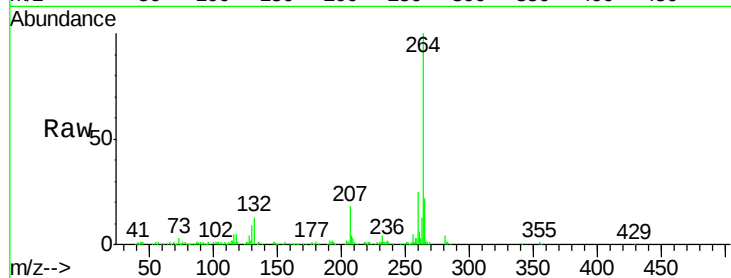




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.09 min Scan# 3787
Delta R.T. -0.01 min
Lab File: BG019850.D
Acq: 3 Dec 2015 1:10

Instrument :
BNA_G
ClientSampleId :
SB-1(0-5)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.5	27.7
265	22.4	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

