

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072115\
 Data File : BG018043.D
 Acq On : 22 Jul 2015 4:56
 Operator : TP/UM
 Sample : G3007-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S-2(8.0-8.5)

Quant Time: Jul 22 05:40:13 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 22 04:14:54 2015
 Response via : Initial Calibration

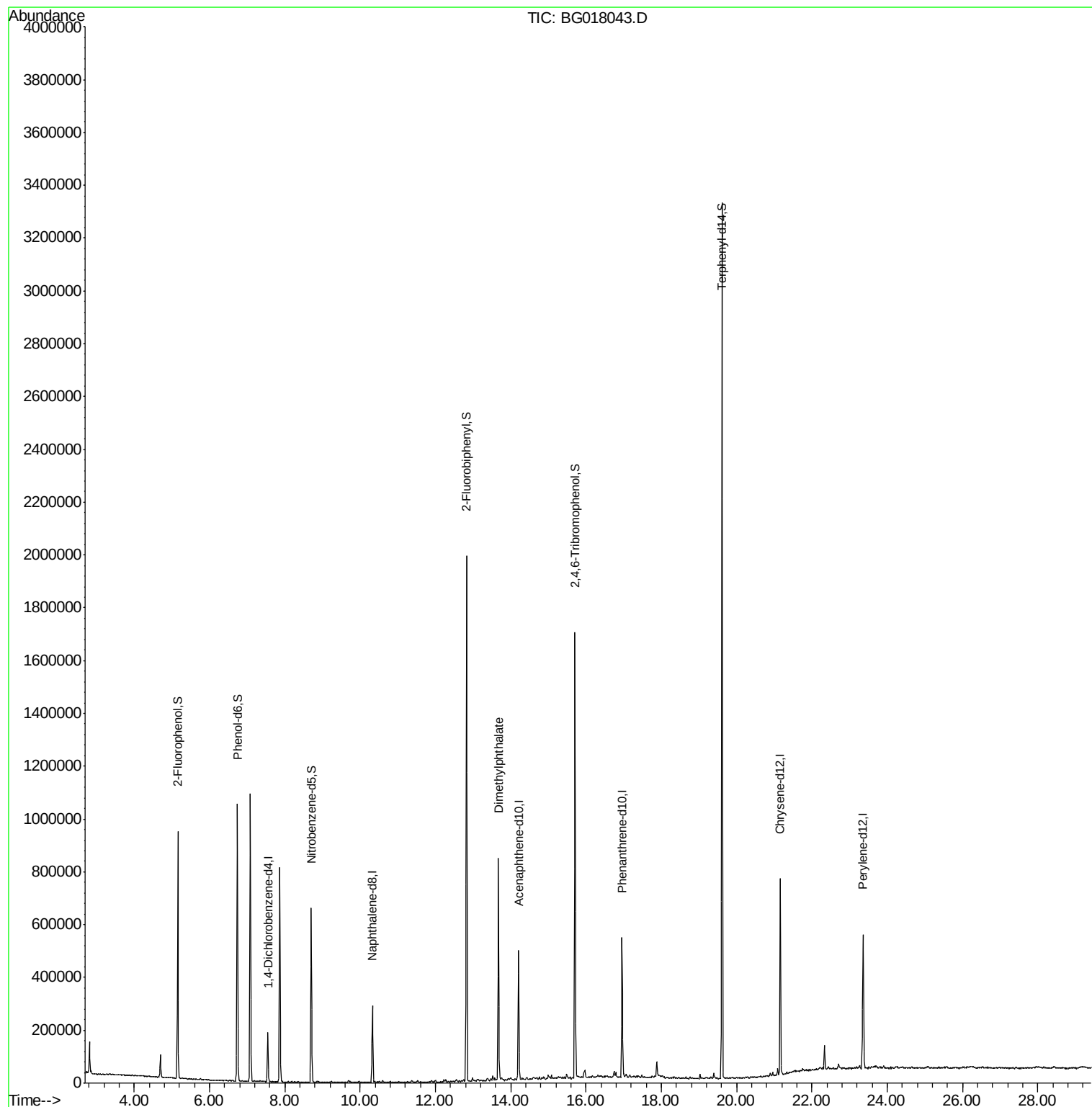
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	52019	20.00	ng	0.00
21) Naphthalene-d8	10.33	136	246281	20.00	ng	0.00
38) Acenaphthene-d10	14.21	164	161267	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	321555	20.00	ng	0.00
75) Chrysene-d12	21.17	240	355618	20.00	ng	0.00
86) Perylene-d12	23.36	264	351892	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	420307	140.95	ng	0.00
7) Phenol-d6	6.74	99	620927	158.94	ng	0.00
23) Nitrobenzene-d5	8.70	82	376798	99.09	ng	0.00
41) 2,4,6-Tribromophenol	15.71	330	307365	188.12	ng	0.00
44) 2-Fluorobiphenyl	12.82	172	997687	107.21	ng	0.00
78) Terphenyl-d14	19.62	244	1424338	100.89	ng	0.00
Target Compounds						
49) Dimethylphthalate	13.68	163	520527	46.47	ng	Qvalue 100

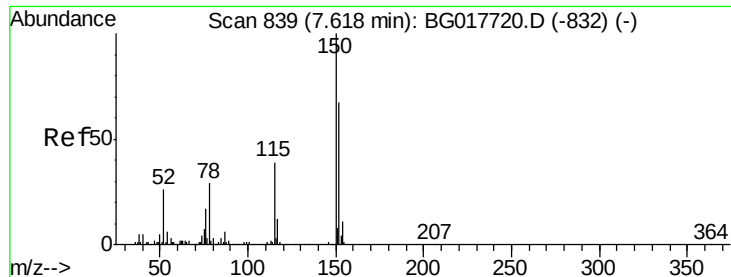
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.55 min Scan# 827

Delta R.T. 0.00 min

Lab File: BG018043.D

Acq: 22 Jul 2015 4:56

Instrument :

BNA_G

ClientSampleId :

S-2(8.0-8.5)

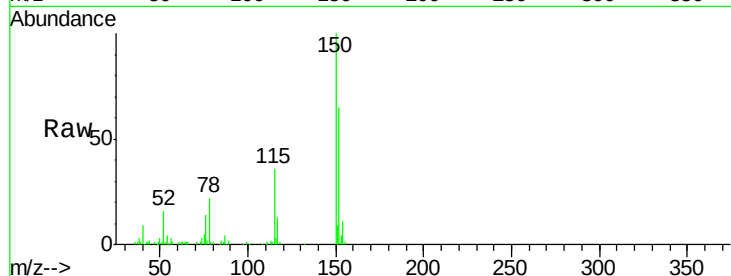
Tgt Ion:152 Resp: 52019

Ion Ratio Lower Upper

152 100

150 153.1 119.1 178.7

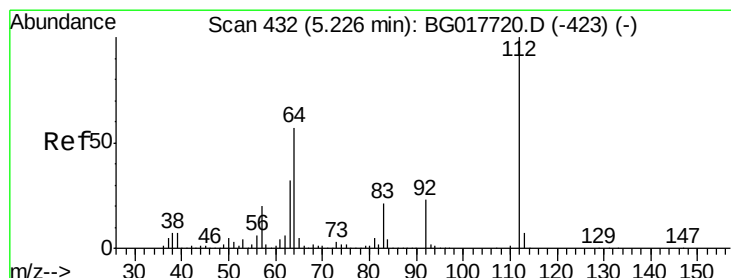
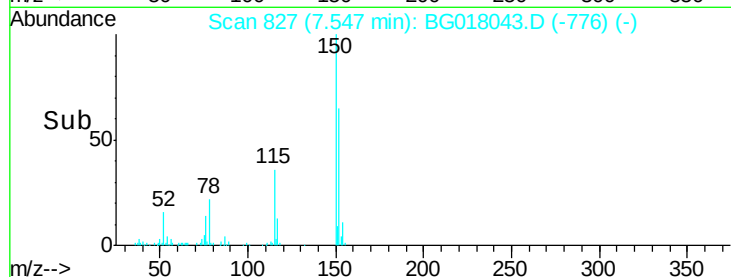
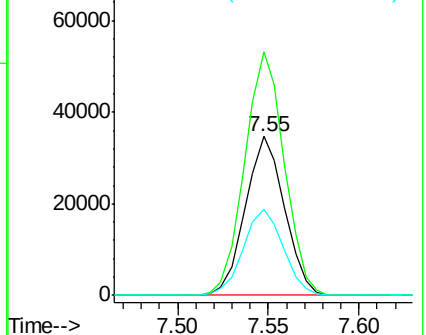
115 54.5 47.0 70.4



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: 140.95 ng

RT: 5.16 min Scan# 420

Delta R.T. 0.00 min

Lab File: BG018043.D

Acq: 22 Jul 2015 4:56

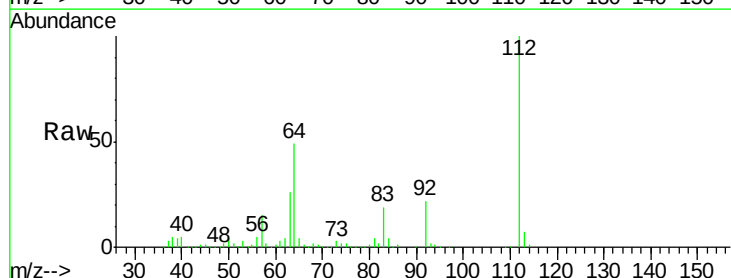
Tgt Ion:112 Resp: 420307

Ion Ratio Lower Upper

112 100

64 48.9 45.4 68.0

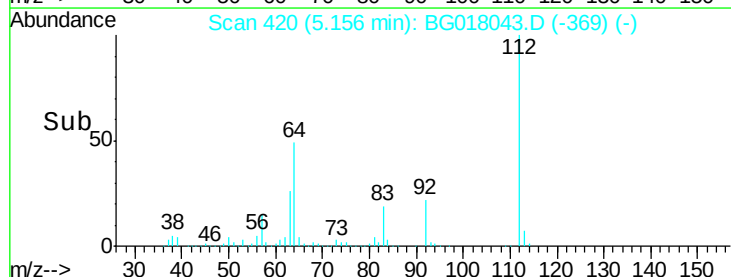
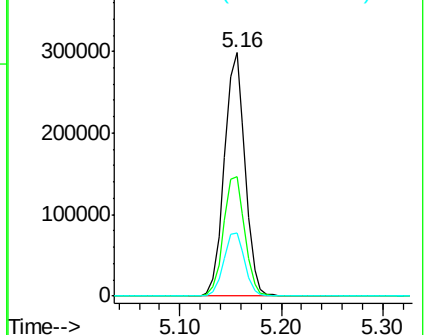
63 25.8 25.3 37.9

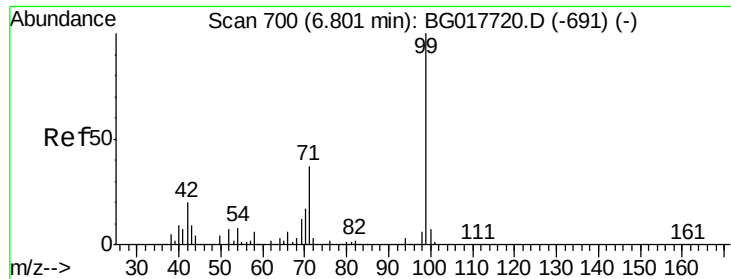


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 158.94 ng

RT: 6.74 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG018043.D

Acq: 22 Jul 2015 4:56

Instrument :

BNA_G

ClientSampleId :

S-2(8.0-8.5)

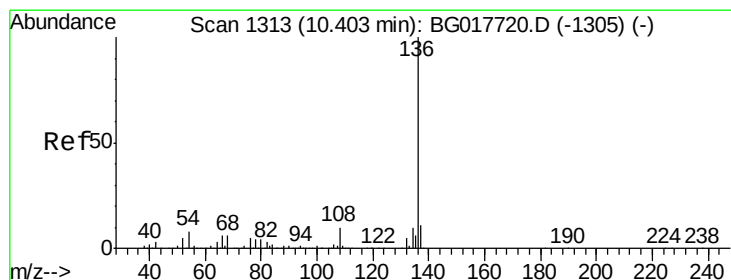
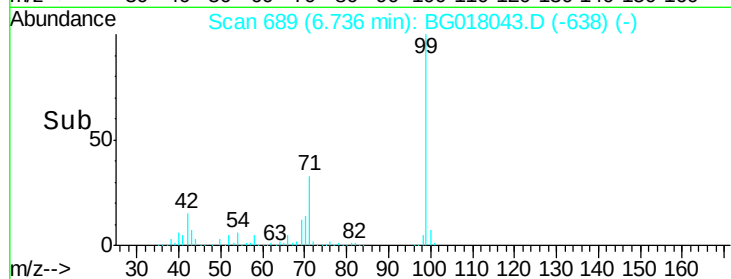
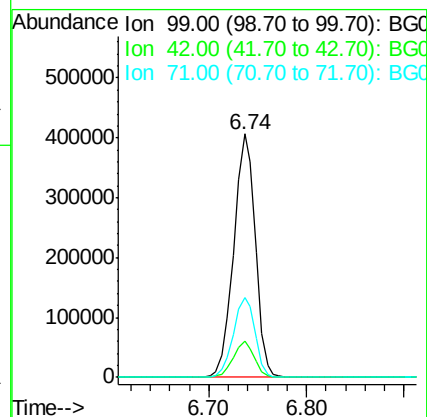
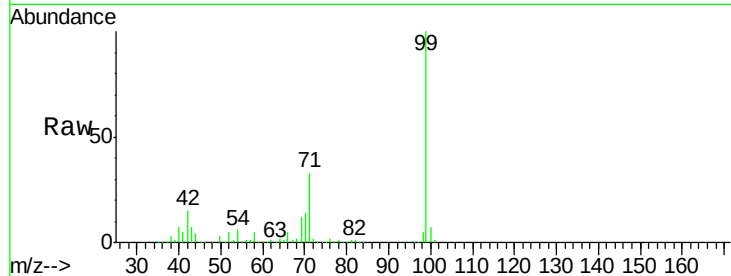
Tgt Ion: 99 Resp: 620927

Ion Ratio Lower Upper

99 100

42 14.7 16.2 24.4#

71 32.7 29.5 44.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.33 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BG018043.D

Acq: 22 Jul 2015 4:56

Tgt Ion: 136 Resp: 246281

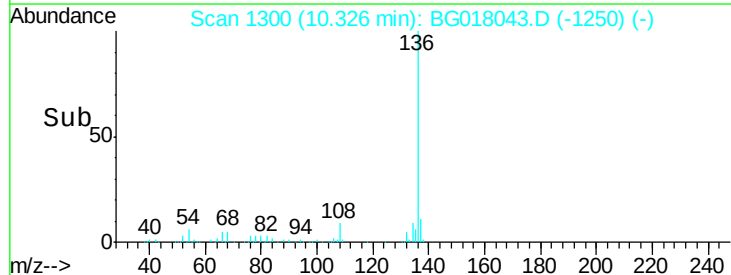
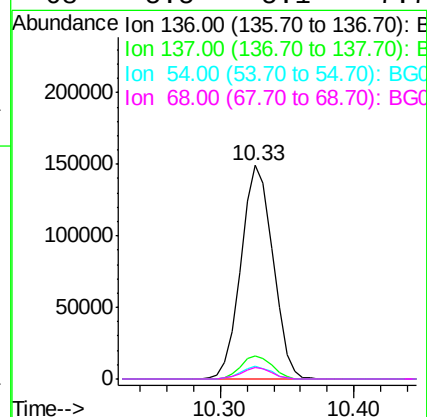
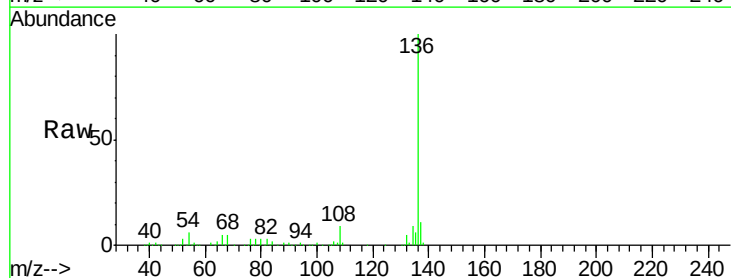
Ion Ratio Lower Upper

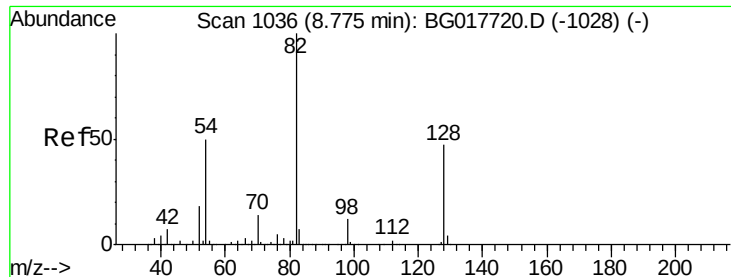
136 100

137 10.8 8.8 13.2

54 5.9 6.6 9.8#

68 5.5 5.1 7.7

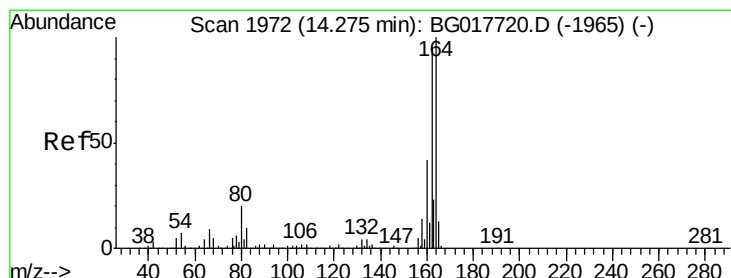
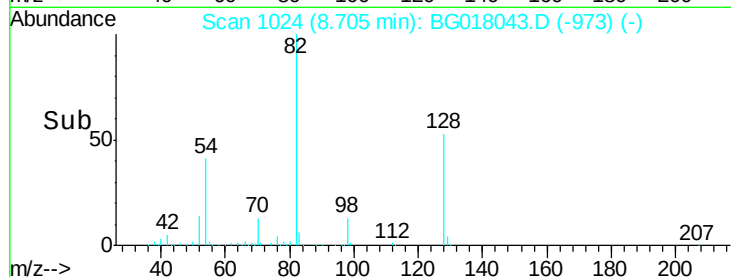
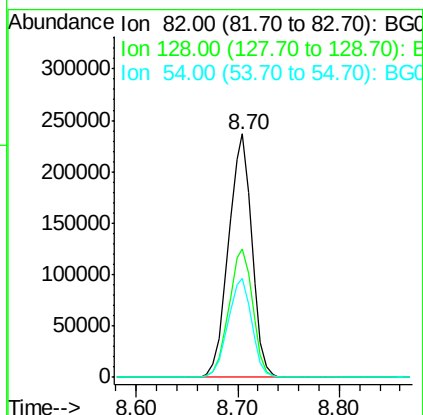
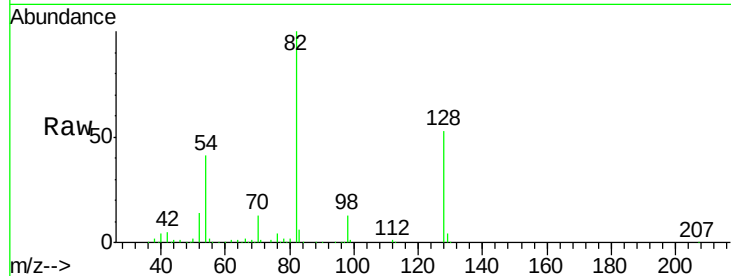




#23
 Nitrobenzene-d5
 Concen: 99.09 ng
 RT: 8.70 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BG018043.D
 Acq: 22 Jul 2015 4:56

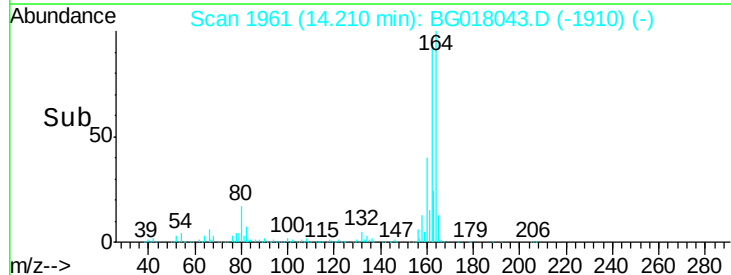
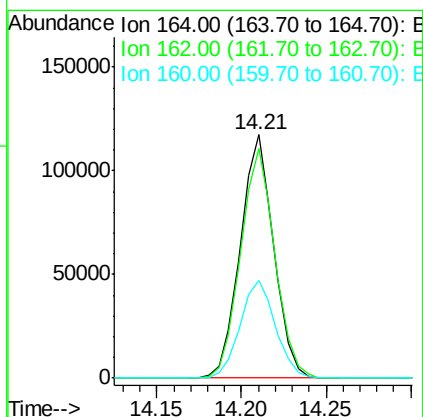
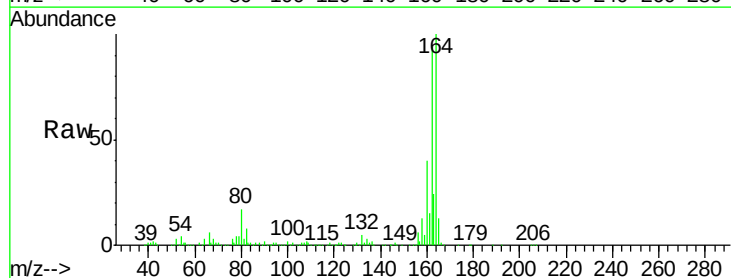
Instrument :
 BNA_G
 ClientSampleId :
 S-2(8.0-8.5)

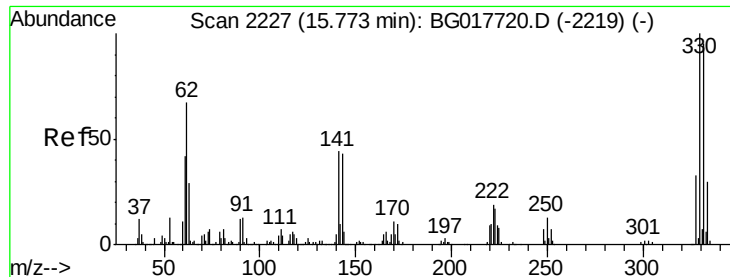
Tgt Ion	Ratio	Lower	Upper
82	100		
128	52.8	37.8	56.6
54	40.5	39.9	59.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.21 min Scan# 1961
 Delta R.T. 0.00 min
 Lab File: BG018043.D
 Acq: 22 Jul 2015 4:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	94.4	76.3	114.5
160	40.3	33.7	50.5

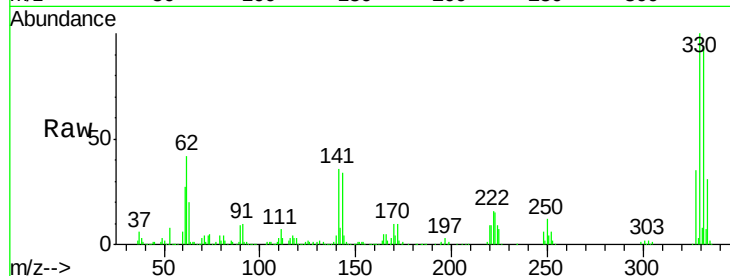




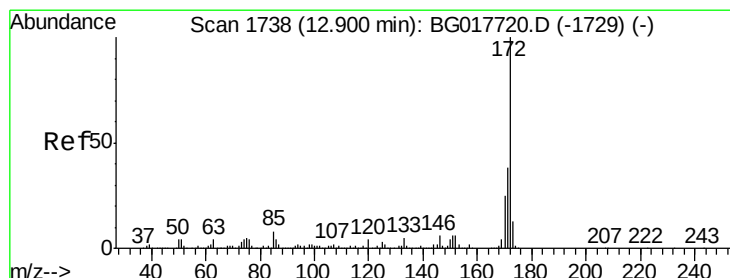
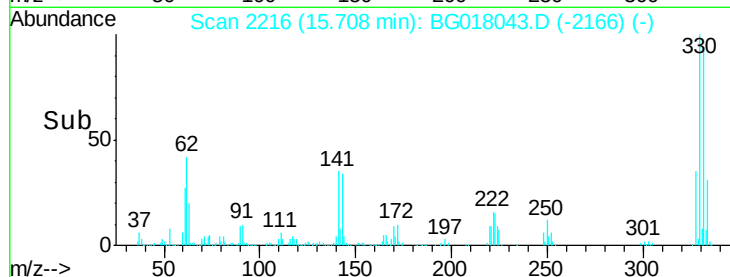
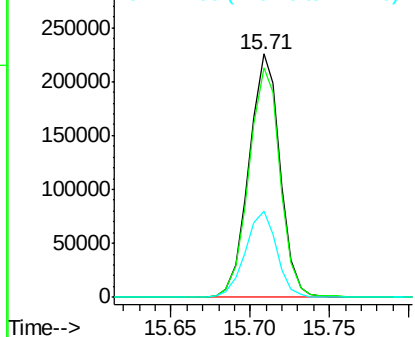
#41
 2,4,6-Tribromophenol
 Concen: 188.12 ng
 RT: 15.71 min Scan# 2216
 Delta R.T. -0.01 min
 Lab File: BG018043.D
 Acq: 22 Jul 2015 4:56

Instrument :
 BNA_G
 ClientSampleId :
 S-2(8.0-8.5)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.8	115.2
141	36.0	38.0	57.0

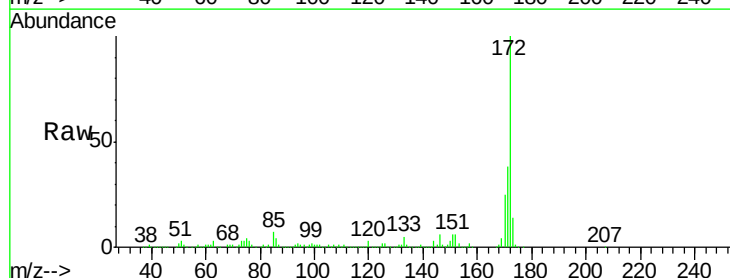


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

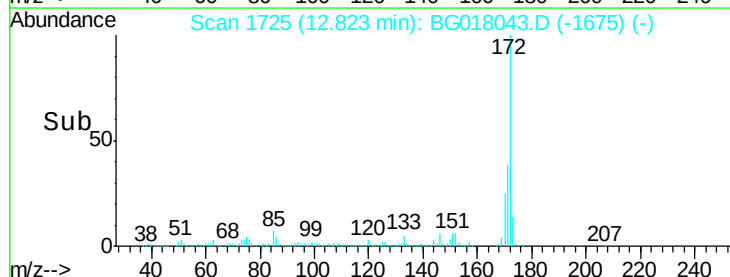
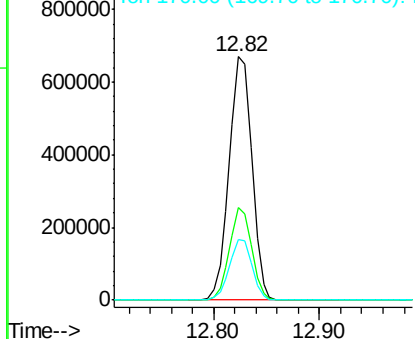


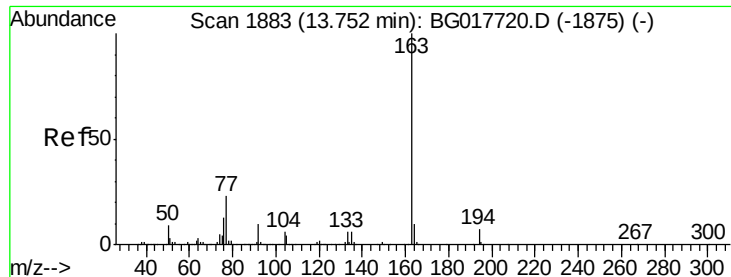
#44
 2-Fluorobiphenyl
 Concen: 107.21 ng
 RT: 12.82 min Scan# 1725
 Delta R.T. -0.01 min
 Lab File: BG018043.D
 Acq: 22 Jul 2015 4:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.7	46.1
170	25.0	19.7	29.5



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: 46.47 ng

RT: 13.68 min Scan# 1870

Delta R.T. -0.01 min

Lab File: BG018043.D

Acq: 22 Jul 2015 4:56

Instrument :

BNA_G

ClientSampleId :

S-2(8.0-8.5)

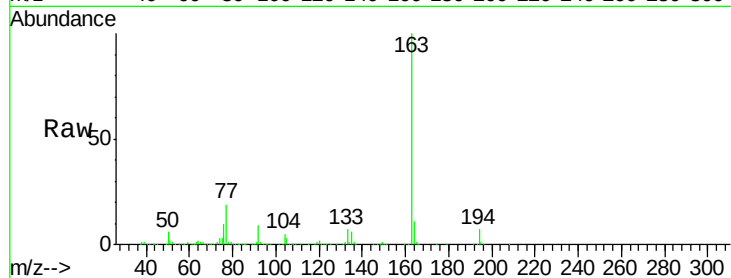
Tgt Ion:163 Resp: 520527

Ion Ratio Lower Upper

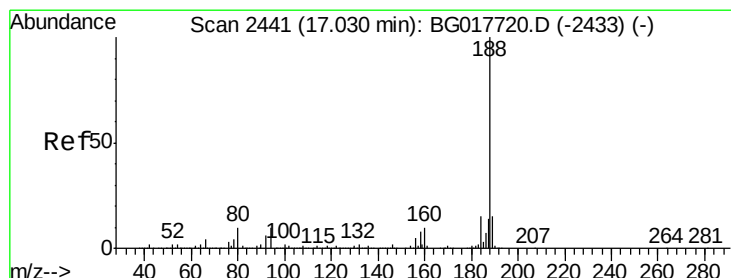
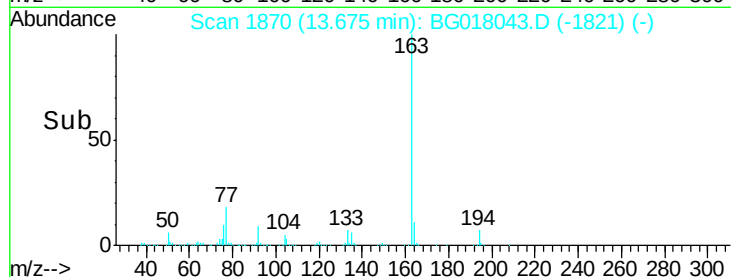
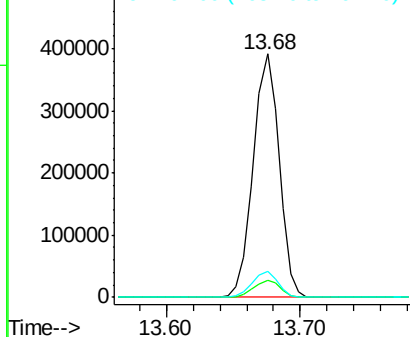
163 100

194 7.2 5.8 8.6

164 10.6 8.3 12.5



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: 16.96 min Scan# 2429

Delta R.T. -0.01 min

Lab File: BG018043.D

Acq: 22 Jul 2015 4:56

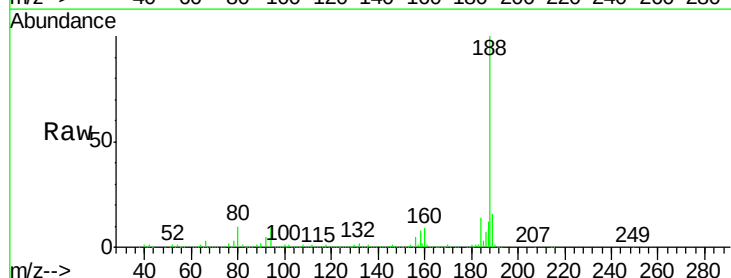
Tgt Ion:188 Resp: 321555

Ion Ratio Lower Upper

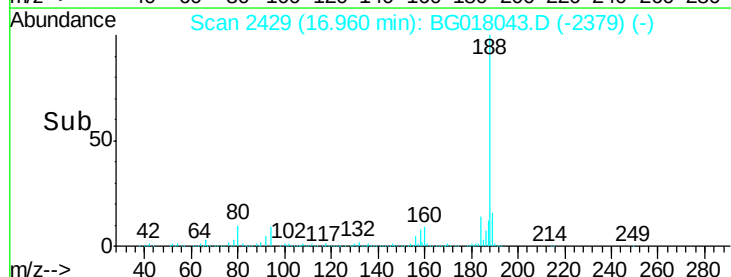
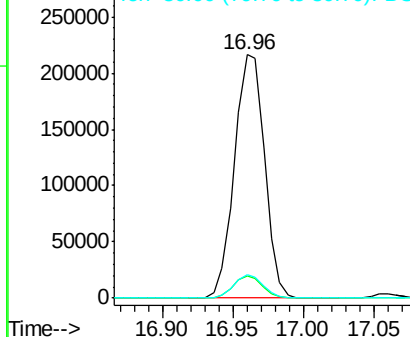
188 100

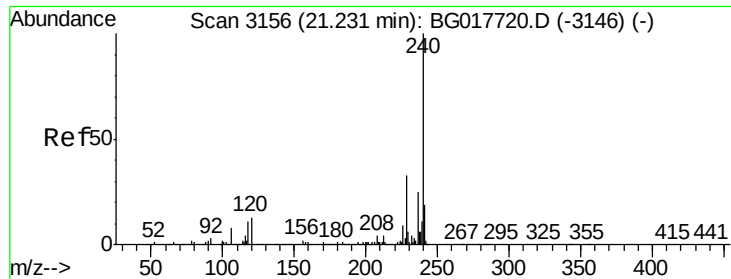
94 8.9 8.2 12.2

80 9.9 8.2 12.4



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: 21.17 min Scan# 3145

Delta R.T. 0.00 min

Lab File: BG018043.D

Acq: 22 Jul 2015 4:56

Instrument :

BNA_G

ClientSampleId :

S-2(8.0-8.5)

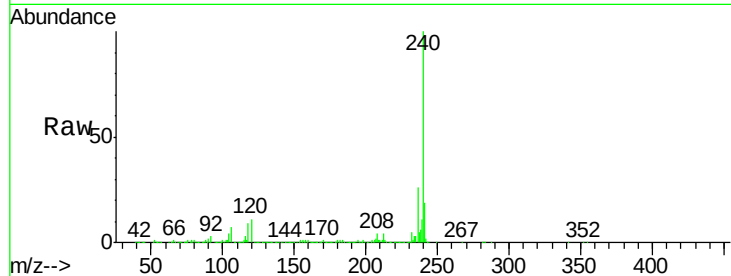
Tgt Ion:240 Resp: 355618

Ion Ratio Lower Upper

240 100

120 11.3 10.8 16.2

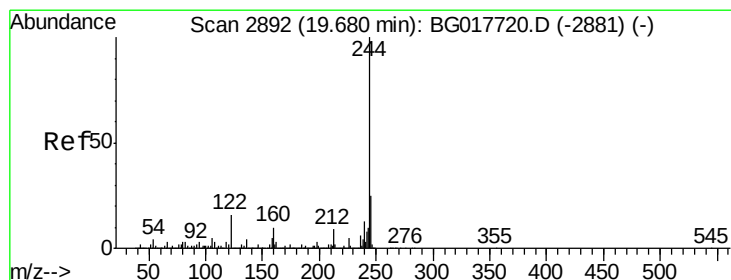
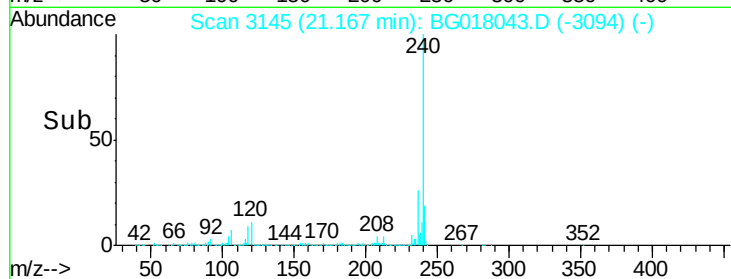
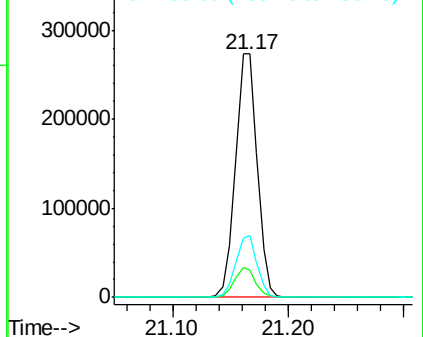
236 25.6 20.0 30.0



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: 100.89 ng

RT: 19.62 min Scan# 2881

Delta R.T. 0.00 min

Lab File: BG018043.D

Acq: 22 Jul 2015 4:56

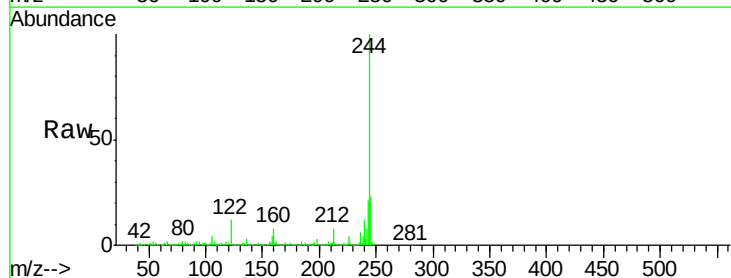
Tgt Ion:244 Resp: 1424338

Ion Ratio Lower Upper

244 100

212 8.0 7.2 10.8

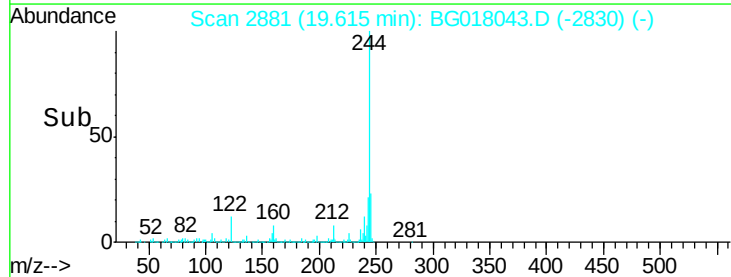
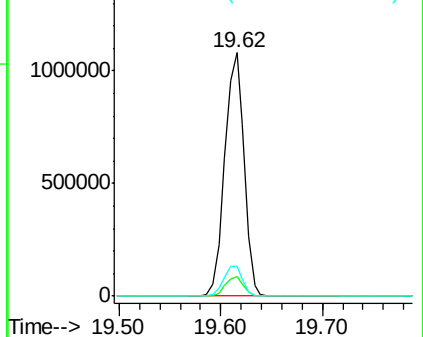
122 12.5 12.8 19.2#

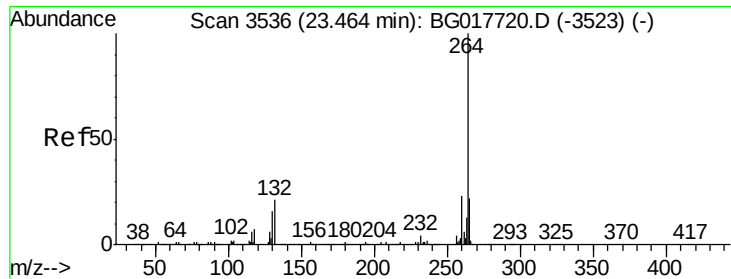


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.36 min Scan# 3519

Delta R.T. -0.01 min

Lab File: BG018043.D

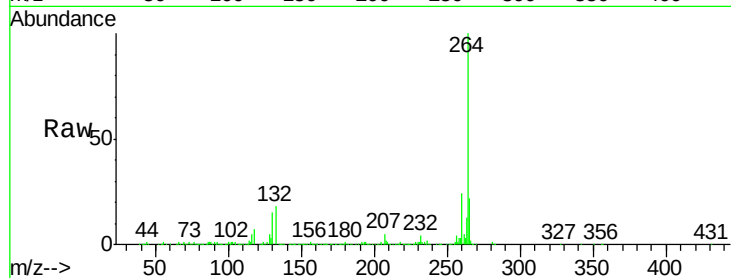
Acq: 22 Jul 2015 4:56

Instrument :

BNA_G

ClientSampleId :

S-2(8.0-8.5)



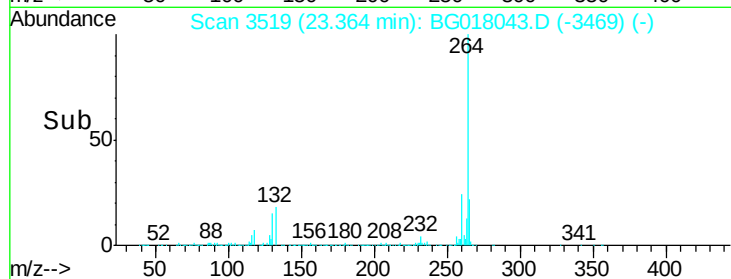
Tgt Ion: 264 Resp: 351892

Ion Ratio Lower Upper

264 100

260 23.6 18.6 27.8

265 22.5 18.2 27.2



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

