

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072115\
 Data File : BG018041.D
 Acq On : 22 Jul 2015 3:44
 Operator : TP/UM
 Sample : G3027-11
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-10-1.0-1.5

Quant Time: Jul 22 05:22:21 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

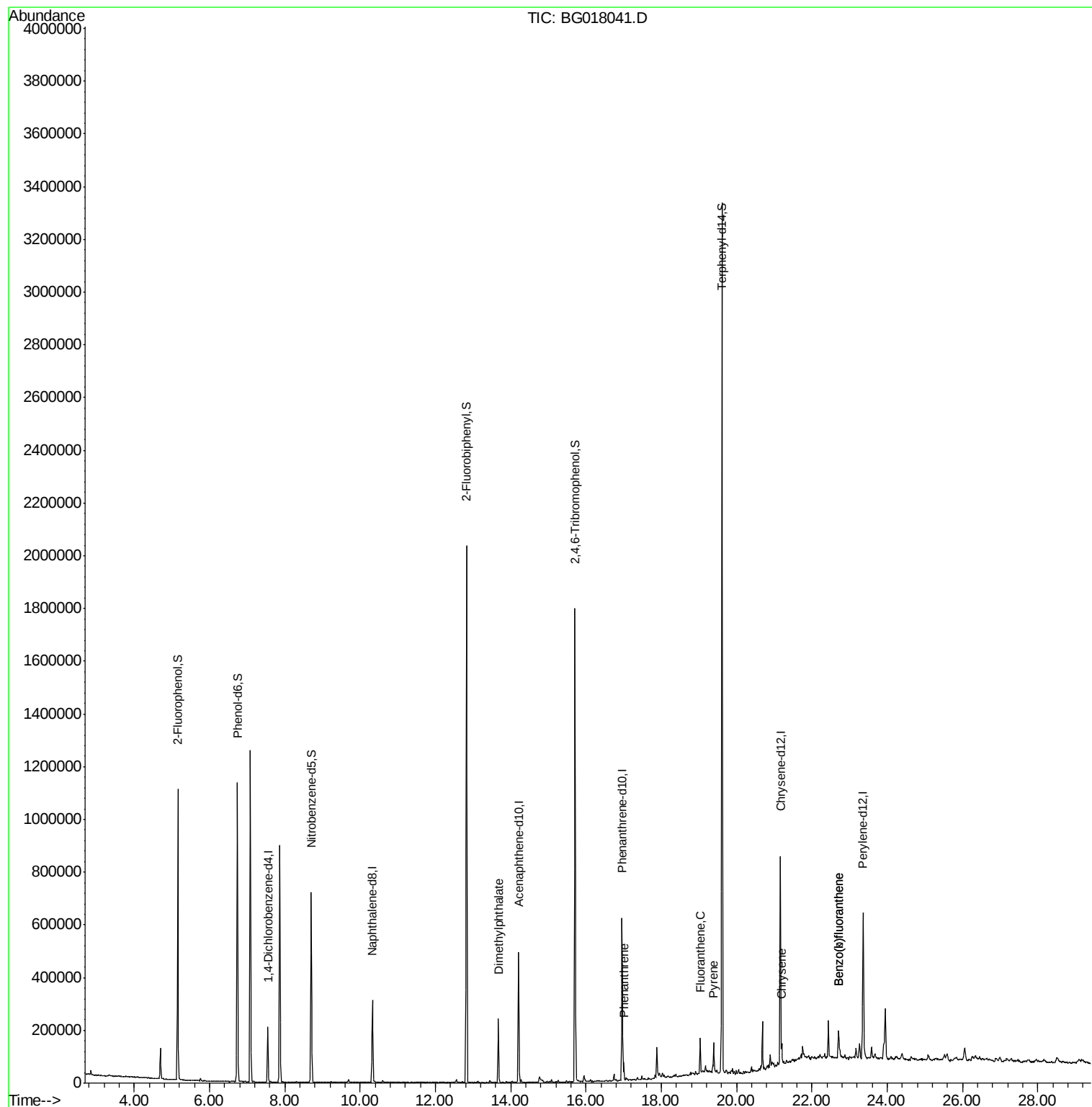
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	57385	20.00	ng	0.00
21) Naphthalene-d8	10.33	136	270513	20.00	ng	0.00
38) Acenaphthene-d10	14.21	164	172335	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	350096	20.00	ng	0.00
75) Chrysene-d12	21.17	240	373357	20.00	ng	0.00
86) Perylene-d12	23.36	264	375102	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	496473	150.92	ng	0.00
7) Phenol-d6	6.74	99	687064	159.42	ng	0.00
23) Nitrobenzene-d5	8.71	82	412542	98.77	ng	0.00
41) 2,4,6-Tribromophenol	15.71	330	329738	188.85	ng	0.00
44) 2-Fluorobiphenyl	12.82	172	1041271	104.71	ng	0.00
78) Terphenyl-d14	19.62	244	1381436	93.20	ng	0.00
Target Compounds						
32) Benzoic acid	9.63	122	71	Below Cal		Qvalue # 1
49) Dimethylphthalate	13.67	163	157855	13.19	ng	99
70) Phenanthrene	17.00	178	39864	2.21	ng	95
74) Fluoranthene	19.03	202	76729	3.88	ng	97
77) Pyrene	19.39	202	66393	3.19	ng	98
82) Chrysene	21.20	228	39632	2.11	ng	93
87) Benzo(b)fluoranthene	22.71	252	68305	3.33	ng	98
88) Benzo(k)fluoranthene	22.71	252	68305	3.33	ng	97

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

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072115\
Data File : BG018041.D
Acq On : 22 Jul 2015 3:44
Operator : TP/UM
Sample : G3027-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-10-1.0-1.5

Quant Time: Jul 22 05:22:21 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



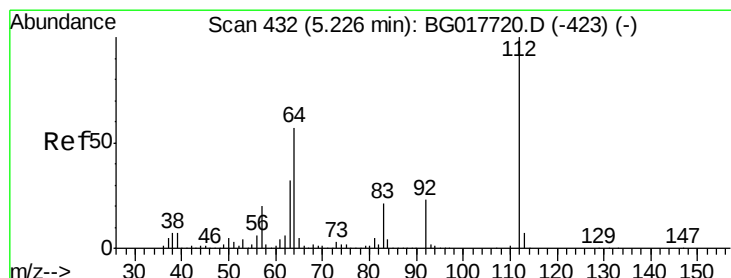
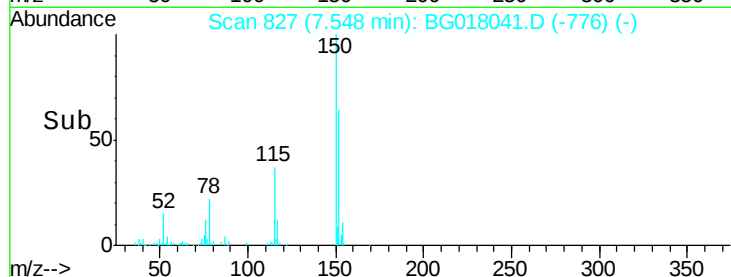
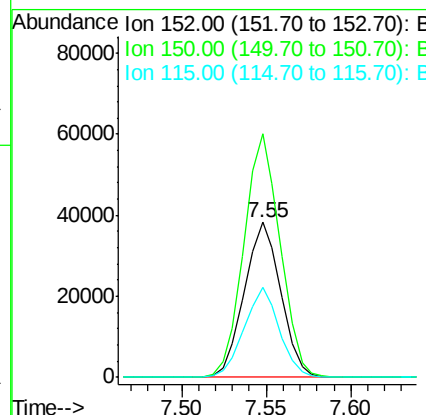
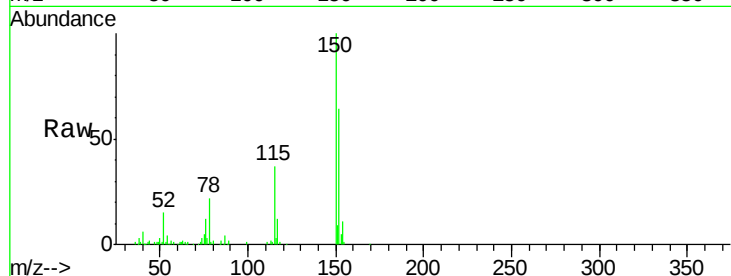


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.55 min Scan# 827
Delta R.T. 0.00 min
Lab File: BG018041.D
Acq: 22 Jul 2015 3:44

Instrument :
BNA_G
ClientSampleId :
SB-10-1.0-1.5

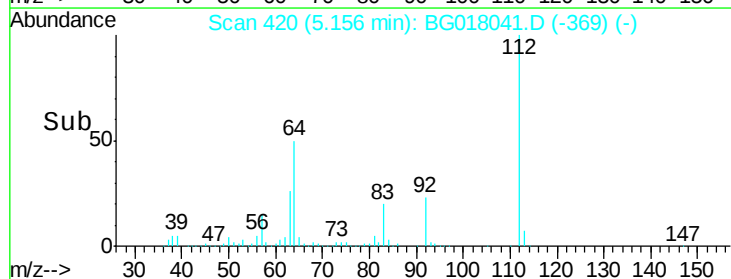
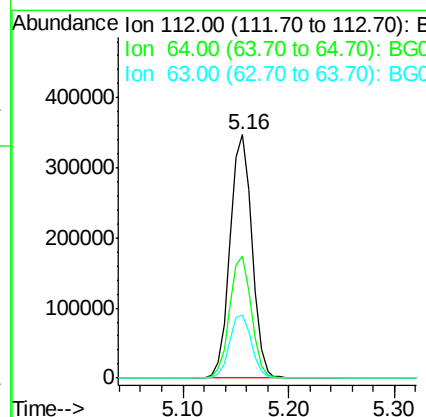
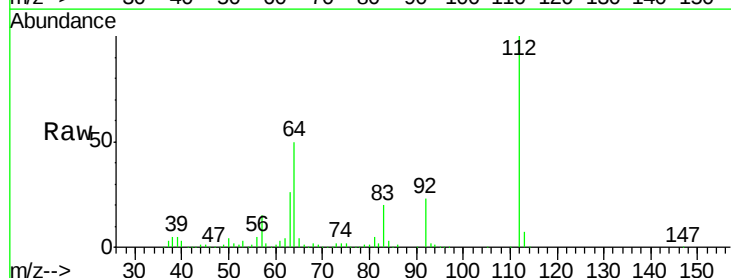
Tgt Ion:152 Resp: 57385
Ion Ratio Lower Upper
152 100
150 157.4 119.1 178.7
115 58.2 47.0 70.4

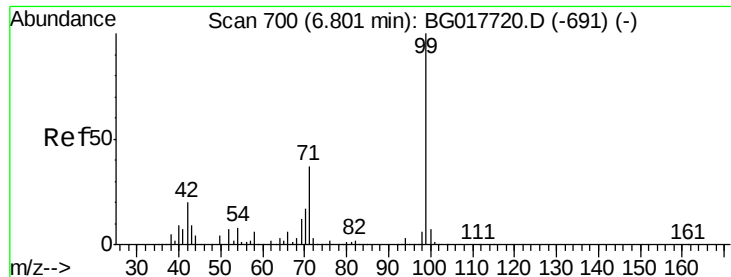


#5

2-Fluorophenol
Concen: 150.92 ng
RT: 5.16 min Scan# 420
Delta R.T. 0.00 min
Lab File: BG018041.D
Acq: 22 Jul 2015 3:44

Tgt Ion:112 Resp: 496473
Ion Ratio Lower Upper
112 100
64 50.2 45.4 68.0
63 26.0 25.3 37.9





#7

Phenol-d6

Concen: 159.42 ng

RT: 6.74 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG018041.D

Acq: 22 Jul 2015 3:44

Instrument :

BNA_G

ClientSampleId :

SB-10-1.0-1.5

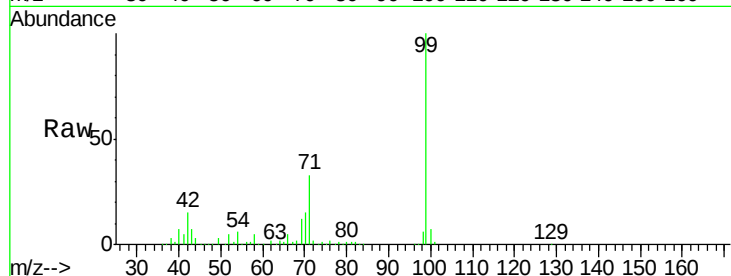
Tgt Ion: 99 Resp: 687064

Ion Ratio Lower Upper

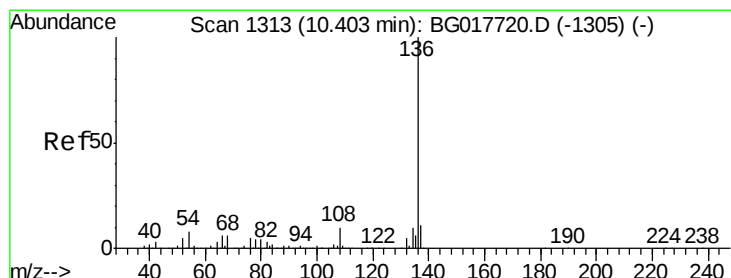
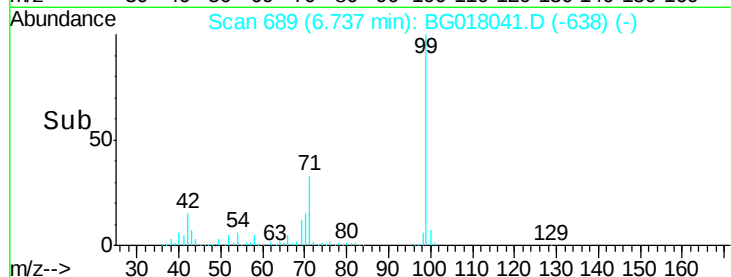
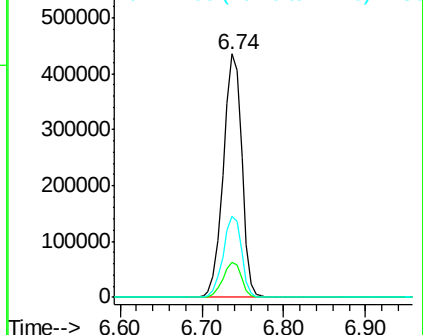
99 100

42 14.6 16.2 24.4#

71 33.1 29.5 44.3



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: 10.33 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BG018041.D

Acq: 22 Jul 2015 3:44

Tgt Ion: 136 Resp: 270513

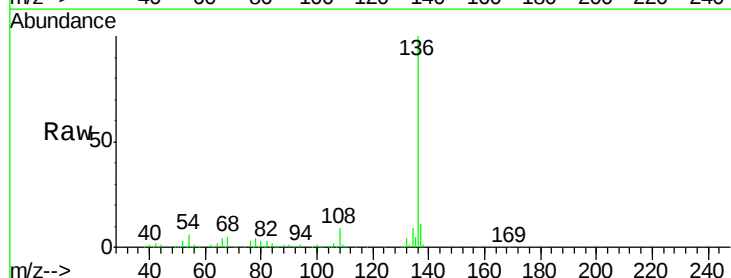
Ion Ratio Lower Upper

136 100

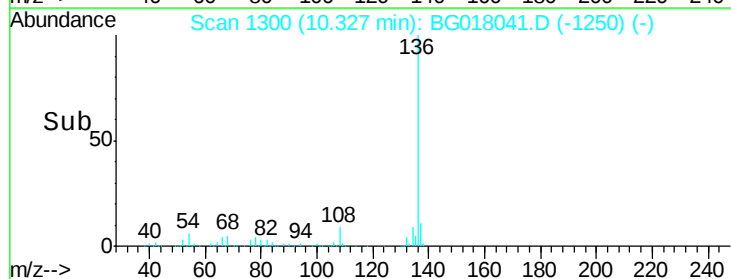
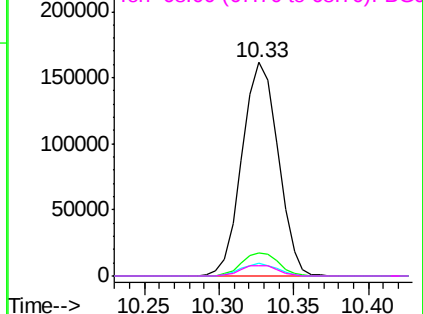
137 11.0 8.8 13.2

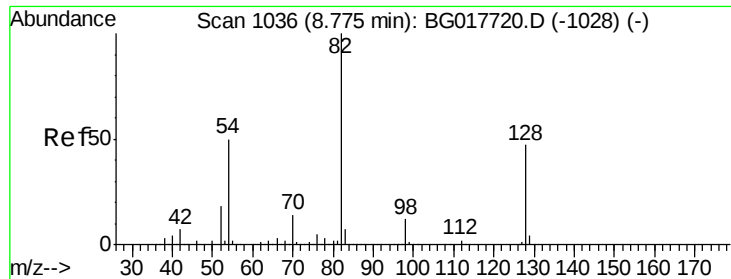
54 6.0 6.6 9.8#

68 5.0 5.1 7.7#



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

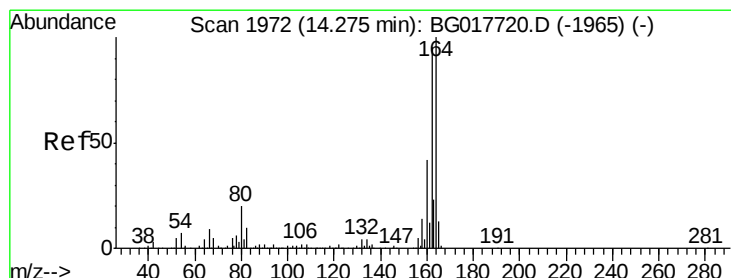
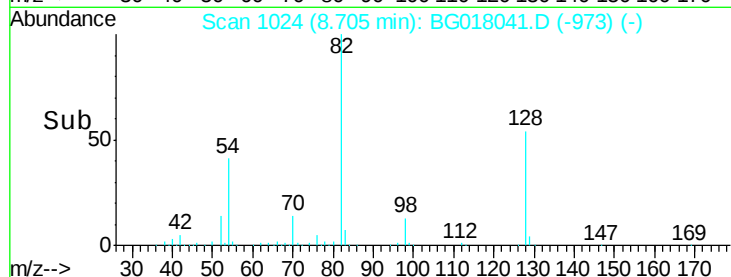
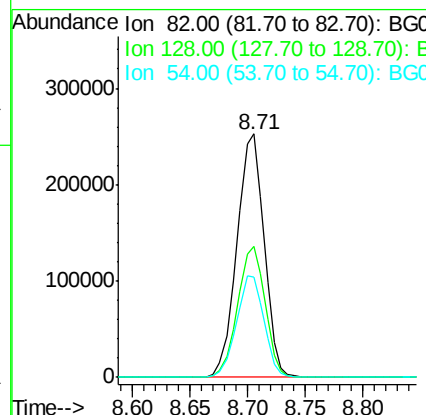
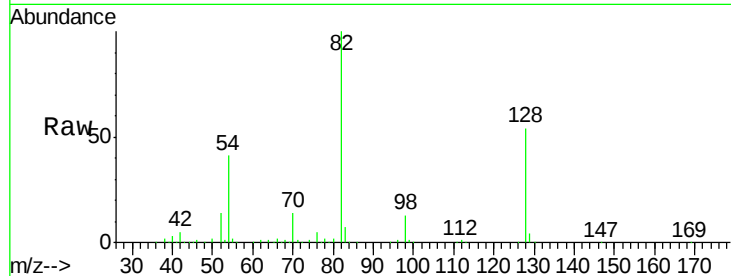




#23
 Nitrobenzene-d5
 Concen: 98.77 ng
 RT: 8.71 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BG018041.D
 Acq: 22 Jul 2015 3:44

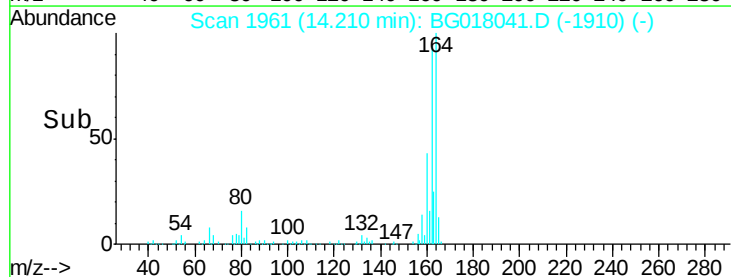
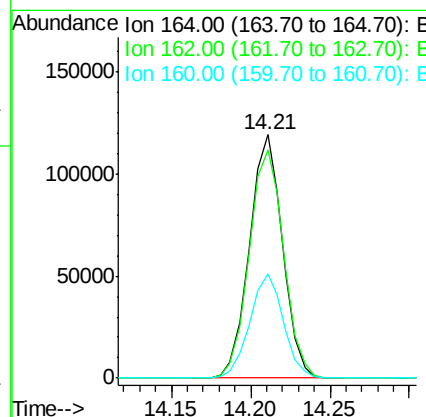
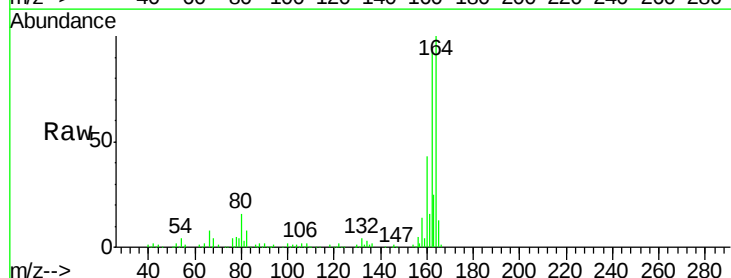
Instrument :
 BNA_G
 ClientSampleId :
 SB-10-1.0-1.5

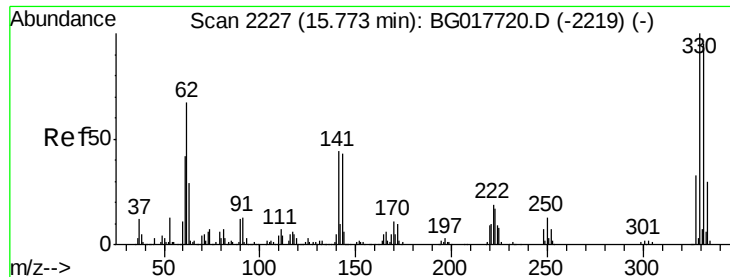
Tgt Ion	Ratio	Lower	Upper
82	100		
128	53.9	37.8	56.6
54	41.4	39.9	59.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.21 min Scan# 1961
 Delta R.T. 0.00 min
 Lab File: BG018041.D
 Acq: 22 Jul 2015 3:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	93.6	76.3	114.5
160	43.0	33.7	50.5

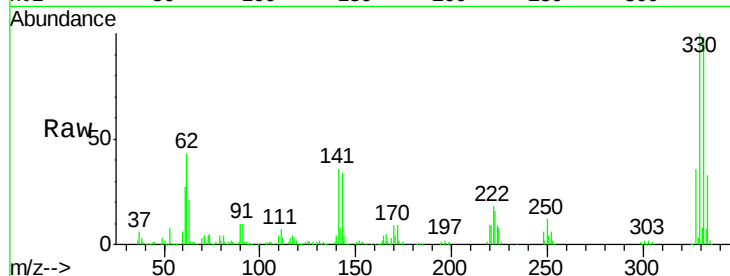




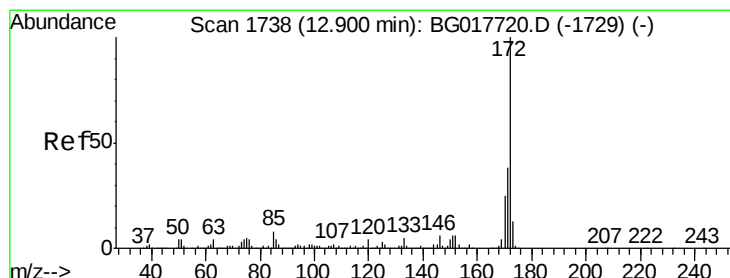
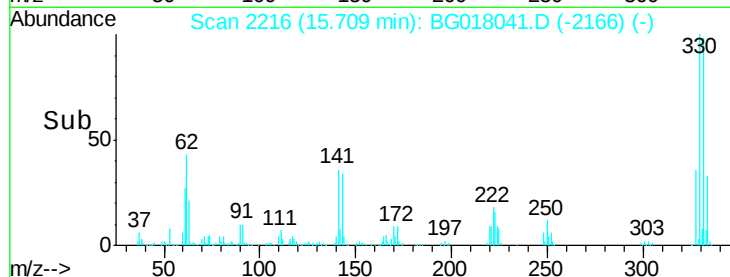
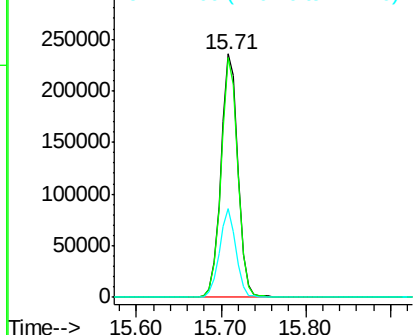
#41
 2,4,6-Tribromophenol
 Concen: 188.85 ng
 RT: 15.71 min Scan# 2216
 Delta R.T. -0.00 min
 Lab File: BG018041.D
 Acq: 22 Jul 2015 3:44

Instrument :
 BNA_G
 ClientSampleId :
 SB-10-1.0-1.5

Tgt Ion:330 Resp: 329738
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.8 115.2
 141 35.7 38.0 57.0#

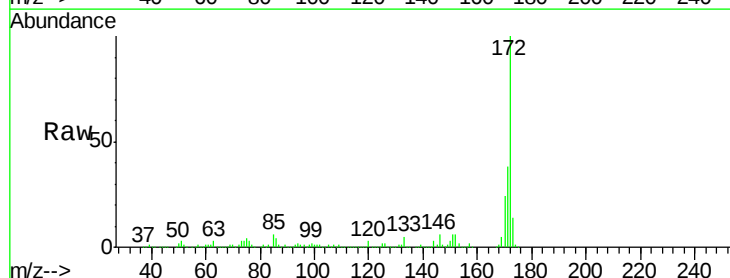


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

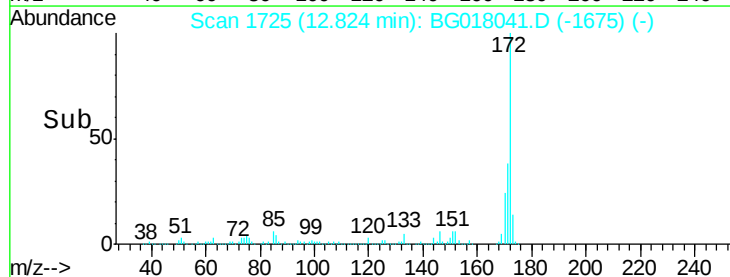
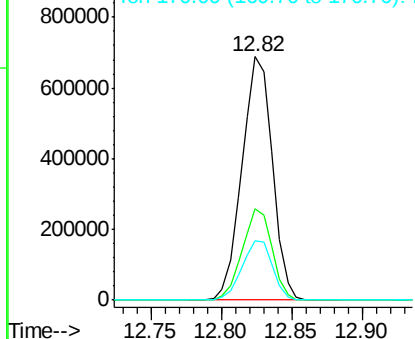


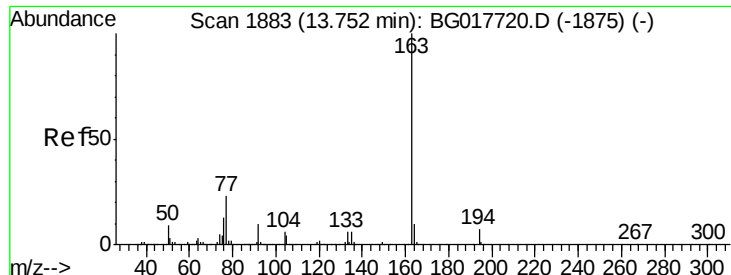
#44
 2-Fluorobiphenyl
 Concen: 104.71 ng
 RT: 12.82 min Scan# 1725
 Delta R.T. -0.00 min
 Lab File: BG018041.D
 Acq: 22 Jul 2015 3:44

Tgt Ion:172 Resp: 1041271
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.7 46.1
 170 24.5 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: 13.19 ng

RT: 13.67 min Scan# 1869

Delta R.T. -0.02 min

Lab File: BG018041.D

Acq: 22 Jul 2015 3:44

Instrument :

BNA_G

ClientSampleId :

SB-10-1.0-1.5

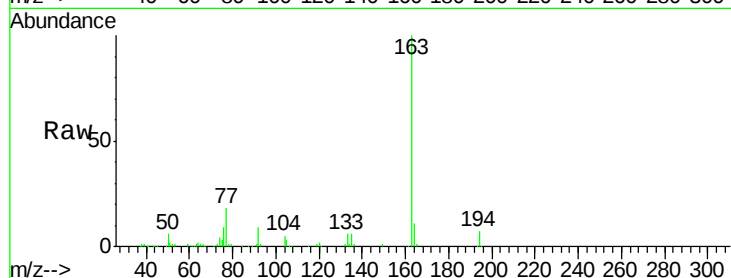
Tgt Ion:163 Resp: 157855

Ion Ratio Lower Upper

163 100

194 6.9 5.8 8.6

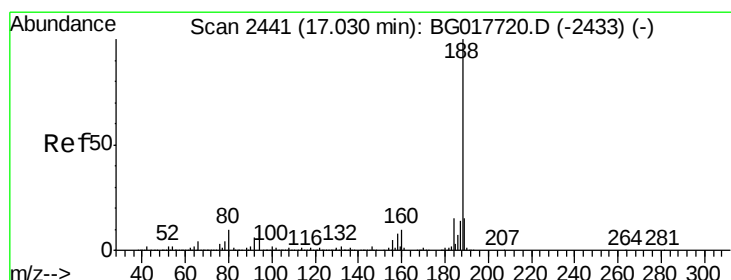
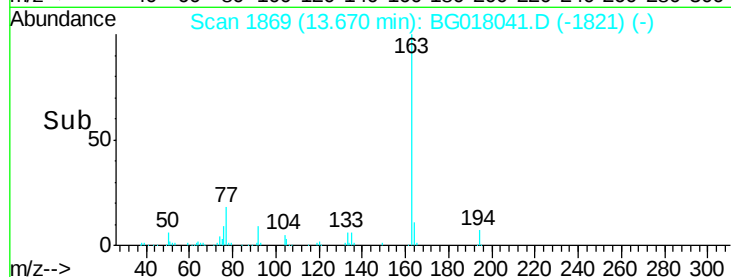
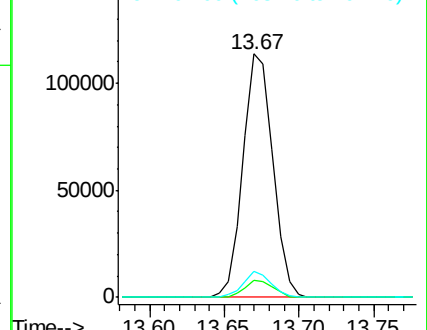
164 10.8 8.3 12.5



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. -0.00 min

Lab File: BG018041.D

Acq: 22 Jul 2015 3:44

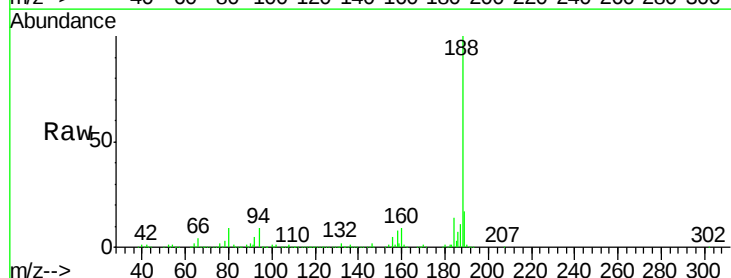
Tgt Ion:188 Resp: 350096

Ion Ratio Lower Upper

188 100

94 9.1 8.2 12.2

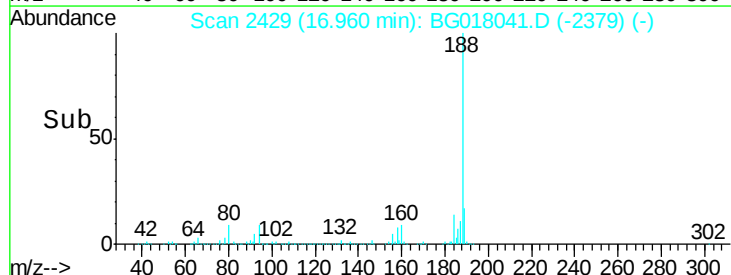
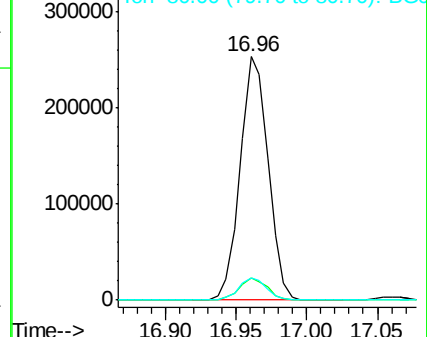
80 9.3 8.2 12.4

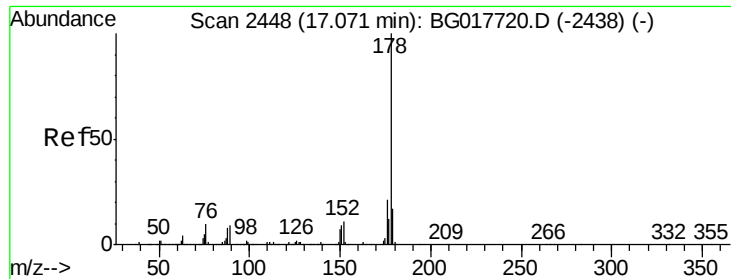


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#70

Phenanthrene

Concen: 2.21 ng

RT: 17.00 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BG018041.D

Acq: 22 Jul 2015 3:44

Instrument :

BNA_G

ClientSampleId :

SB-10-1.0-1.5

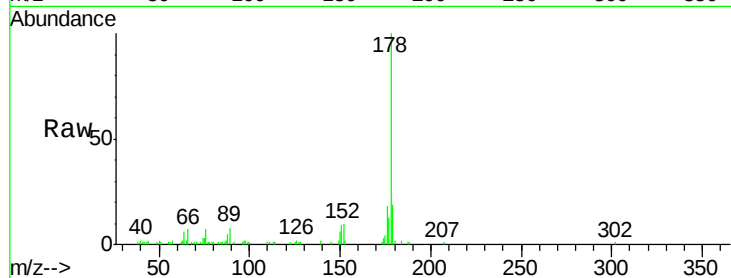
Tgt Ion:178 Resp: 39864

Ion Ratio Lower Upper

178 100

176 18.0 16.5 24.7

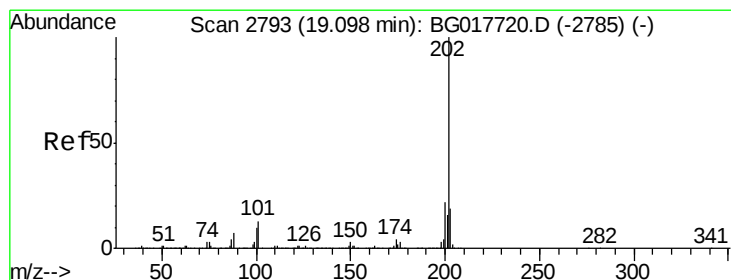
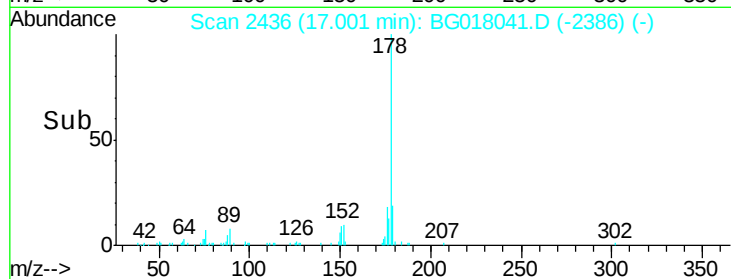
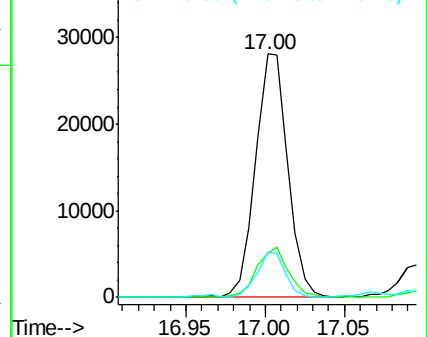
179 18.5 13.5 20.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 3.88 ng

RT: 19.03 min Scan# 2782

Delta R.T. 0.00 min

Lab File: BG018041.D

Acq: 22 Jul 2015 3:44

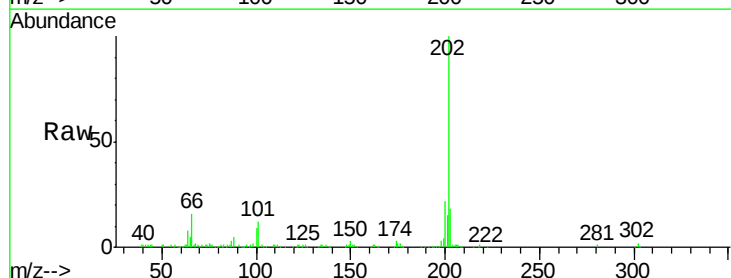
Tgt Ion:202 Resp: 76729

Ion Ratio Lower Upper

202 100

101 12.4 0.0 33.3

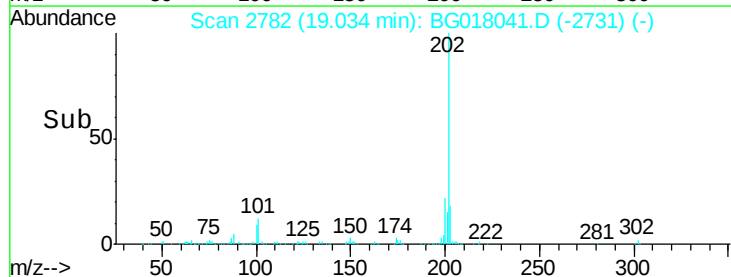
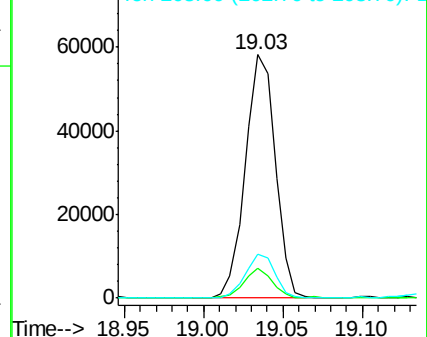
203 17.9 0.0 39.5

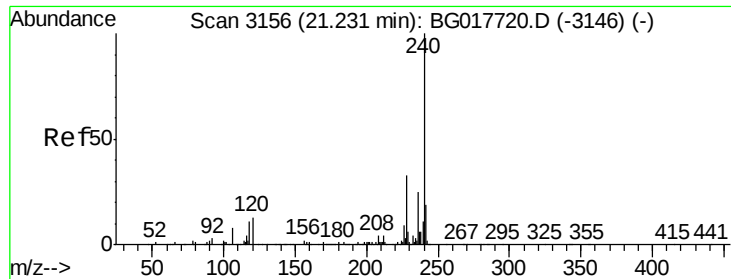


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.17 min Scan# 3145

Delta R.T. 0.00 min

Lab File: BG018041.D

Acq: 22 Jul 2015 3:44

Instrument :

BNA_G

ClientSampleId :

SB-10-1.0-1.5

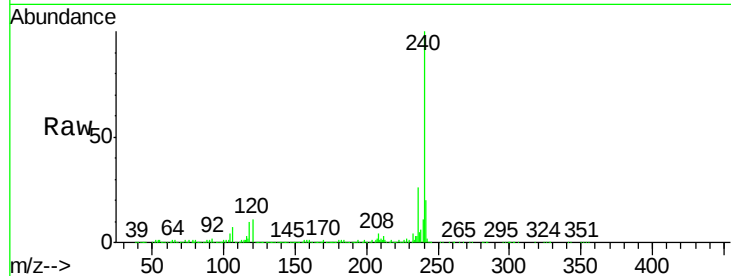
Tgt Ion:240 Resp: 373357

Ion Ratio Lower Upper

240 100

120 11.2 10.8 16.2

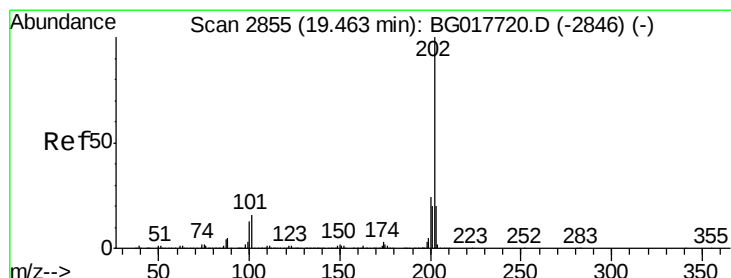
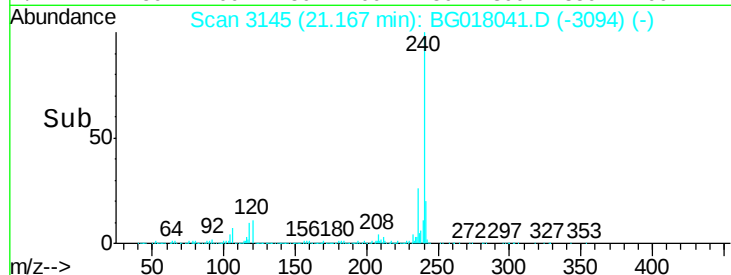
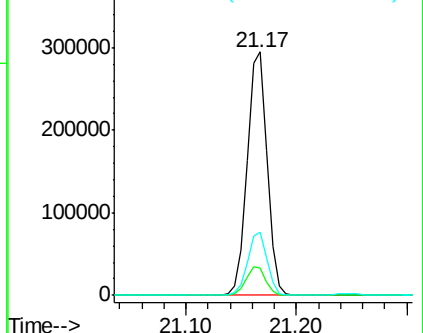
236 25.7 20.0 30.0



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



#77

Pyrene

Concen: 3.19 ng

RT: 19.39 min Scan# 2843

Delta R.T. -0.00 min

Lab File: BG018041.D

Acq: 22 Jul 2015 3:44

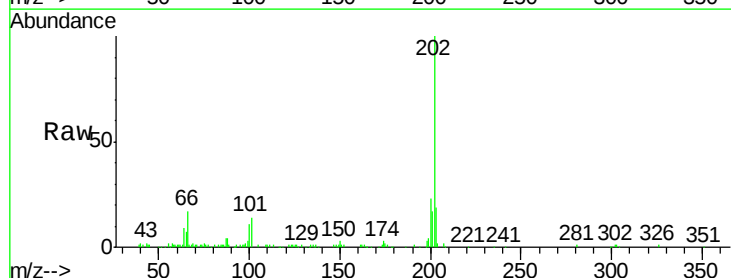
Tgt Ion:202 Resp: 66393

Ion Ratio Lower Upper

202 100

200 22.9 18.8 28.2

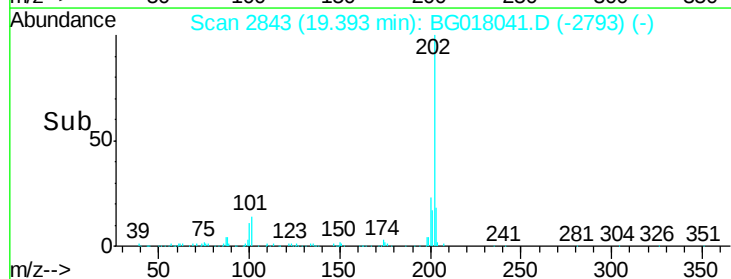
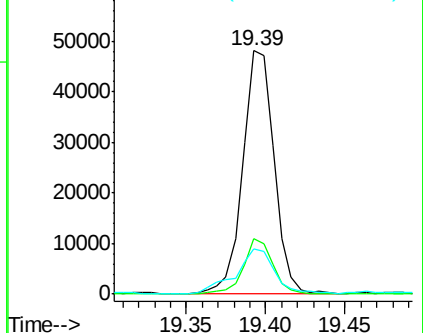
203 18.7 15.9 23.9

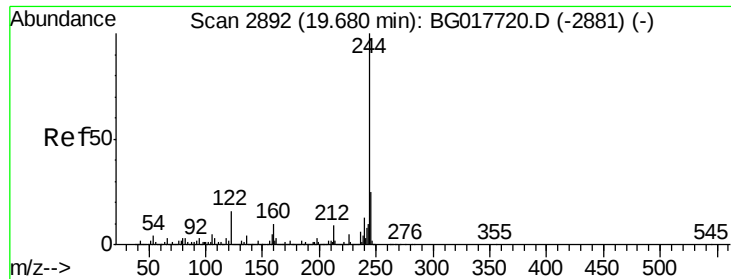


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 93.20 ng

RT: 19.62 min Scan# 2881

Delta R.T. 0.00 min

Lab File: BG018041.D

Acq: 22 Jul 2015 3:44

Instrument :

BNA_G

ClientSampleId :

SB-10-1.0-1.5

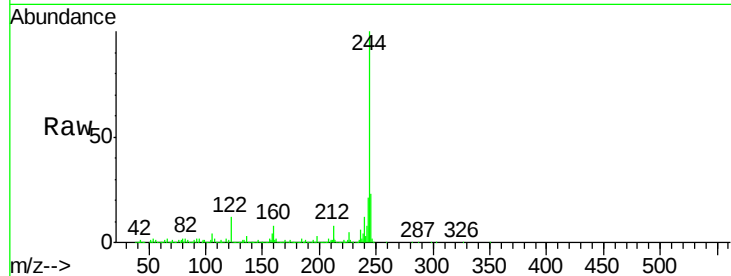
Tgt Ion:244 Resp: 1381436

Ion Ratio Lower Upper

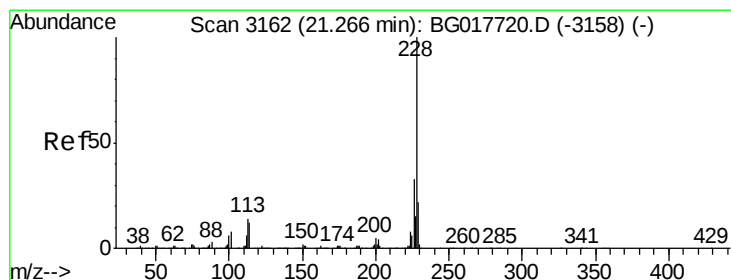
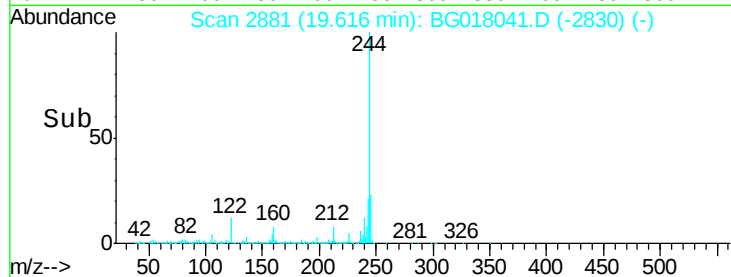
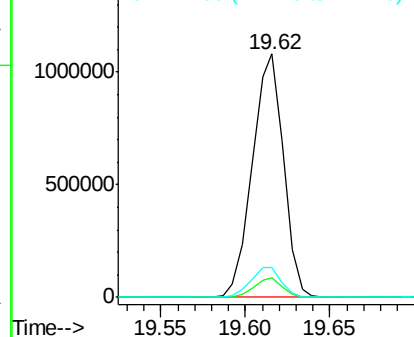
244 100

212 7.8 7.2 10.8

122 12.2 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



#82

Chrysene

Concen: 2.11 ng

RT: 21.20 min Scan# 3151

Delta R.T. -0.00 min

Lab File: BG018041.D

Acq: 22 Jul 2015 3:44

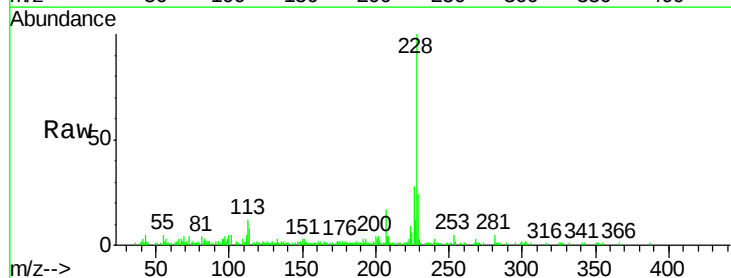
Tgt Ion:228 Resp: 39632

Ion Ratio Lower Upper

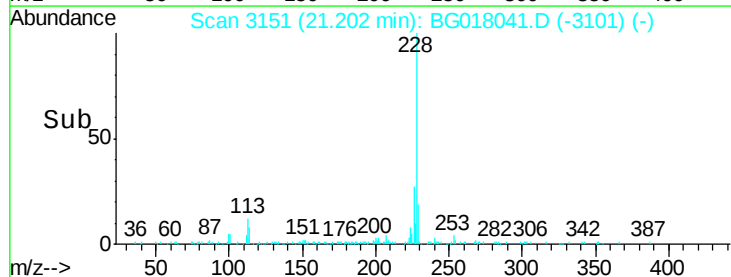
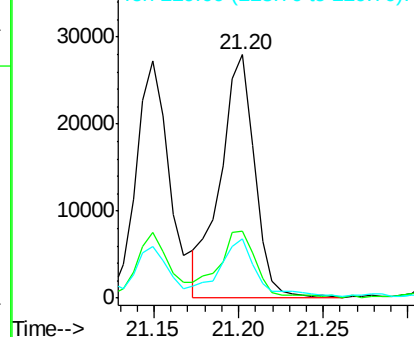
228 100

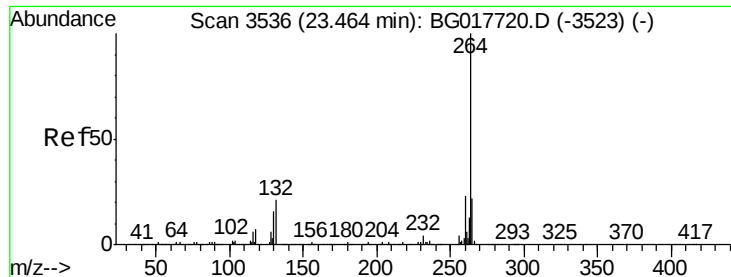
226 27.7 26.1 39.1

229 24.5 17.7 26.5



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



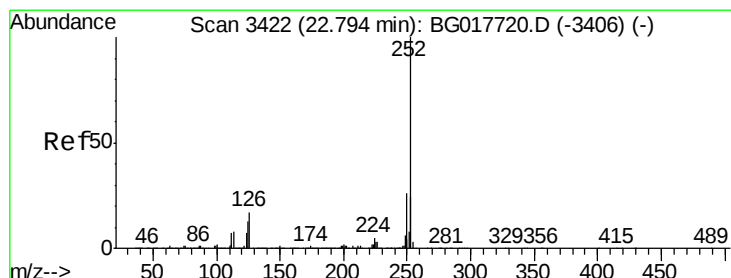
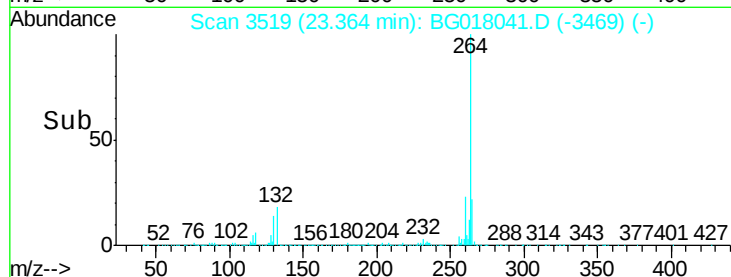
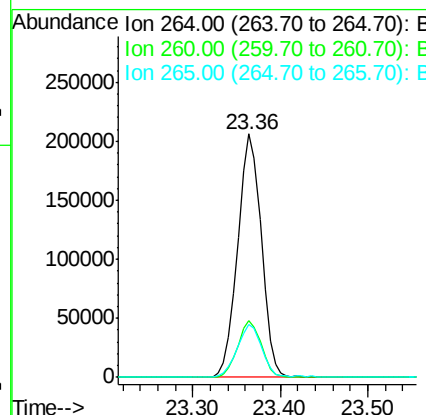
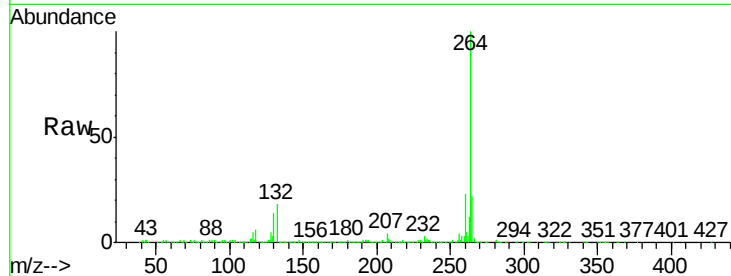


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.36 min Scan# 3519
Delta R.T. -0.00 min
Lab File: BG018041.D
Acq: 22 Jul 2015 3:44

Instrument :
BNA_G
ClientSampleId :
SB-10-1.0-1.5

Tgt Ion: 264 Resp: 375102

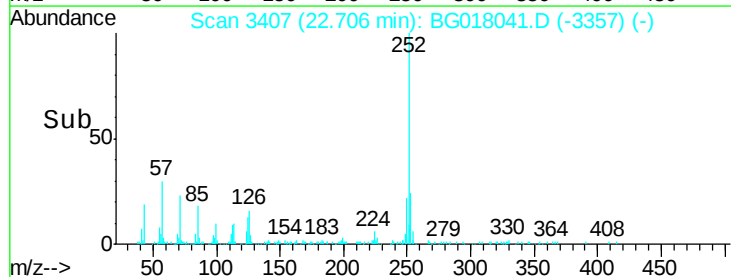
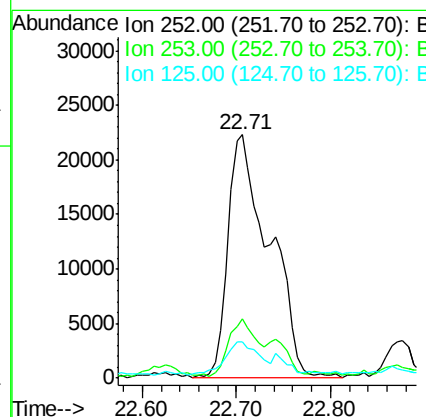
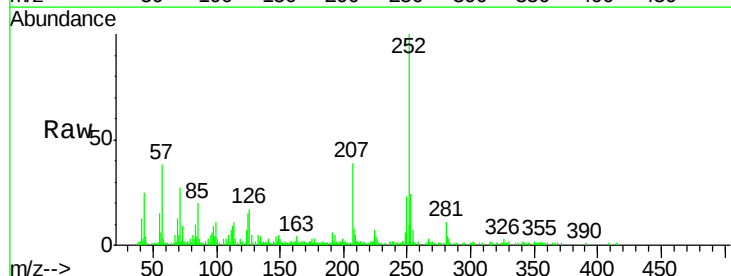
Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	27.8
265	21.7	18.2	27.2

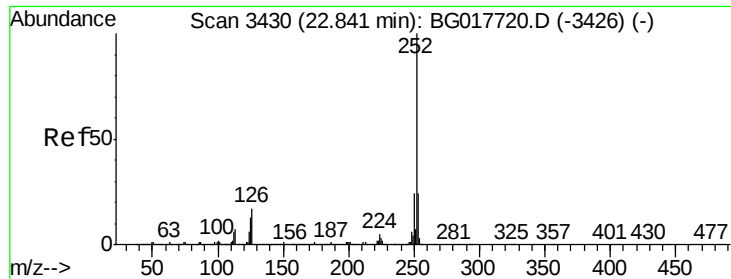


#87
Benzo(b)fluoranthene
Concen: 3.33 ng
RT: 22.71 min Scan# 3407
Delta R.T. -0.00 min
Lab File: BG018041.D
Acq: 22 Jul 2015 3:44

Tgt Ion: 252 Resp: 68305

Ion	Ratio	Lower	Upper
252	100		
253	24.3	19.7	29.5
125	15.1	10.6	15.8





#88

Benzo(k)fluoranthene

Concen: 3.33 ng

RT: 22.71 min Scan# 3407

Delta R.T. -0.05 min

Lab File: BG018041.D

Acq: 22 Jul 2015 3:44

Instrument :

BNA_G

ClientSampleId :

SB-10-1.0-1.5

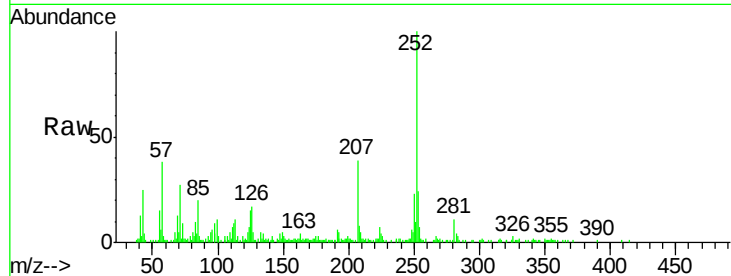
Tgt Ion: 252 Resp: 68305

Ion Ratio Lower Upper

252 100

253 24.3 19.0 28.6

125 15.1 10.3 15.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

