

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071818\
 Data File : BG035733.D
 Acq On : 19 Jul 2018 1:24
 Operator : JU/SJ
 Sample : PB111232BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111232BL

Quant Time: Jul 19 03:48:36 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 18 17:45:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	49563	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	174926	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	123630	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	352085	20.00	ng	0.00
75) Chrysene-d12	21.67	240	415583	20.00	ng	0.00
86) Perylene-d12	24.88	264	390906	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	398743	133.57	ng	0.00
7) Phenol-d6	7.21	99	555308	124.68	ng	0.00
23) Nitrobenzene-d5	9.20	82	346448	82.74	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	168168	103.20	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	805072	87.24	ng	0.00
78) Terphenyl-d14	20.01	244	1596061	84.66	ng	0.00

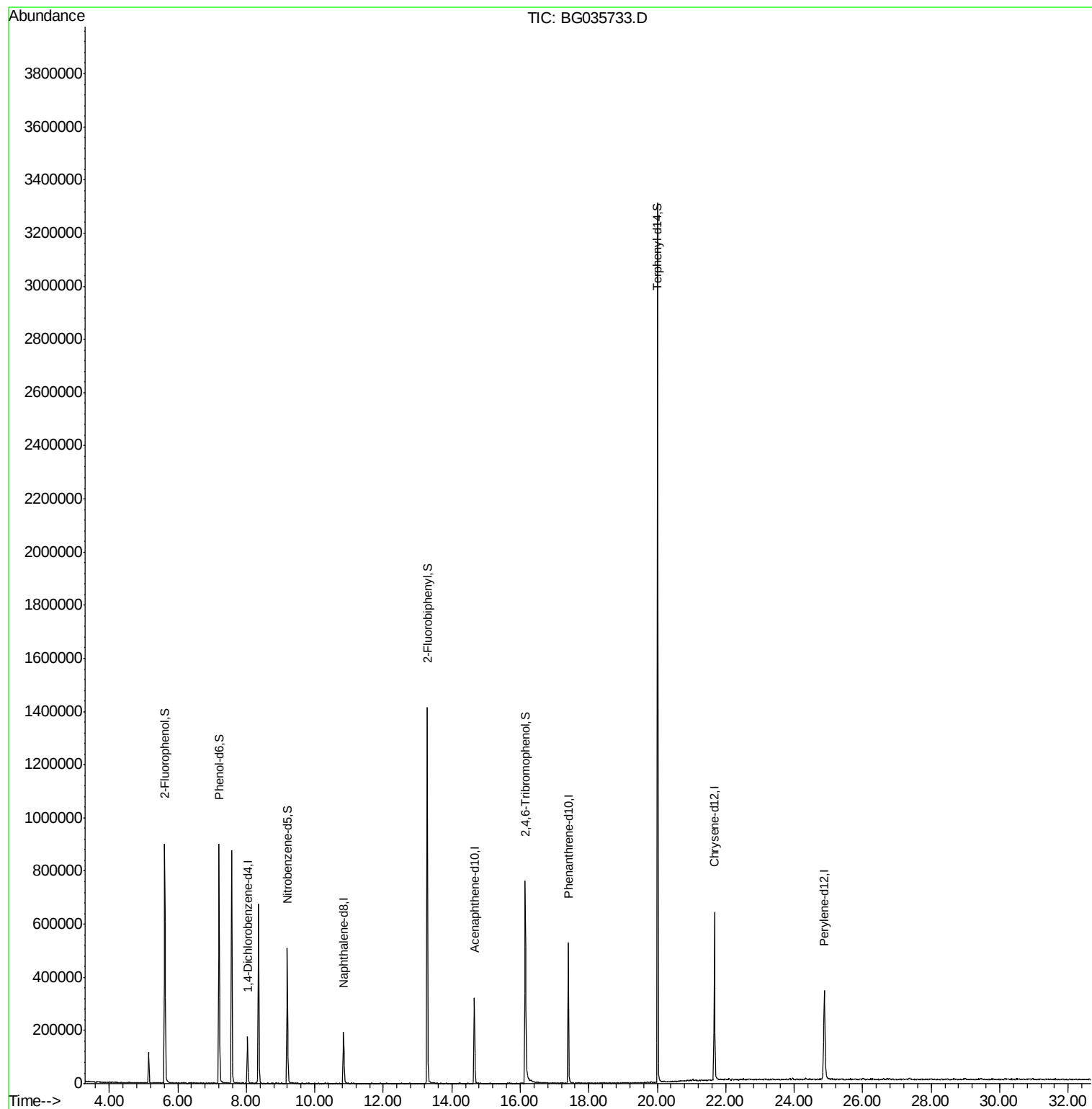
Target Compounds Qvalue

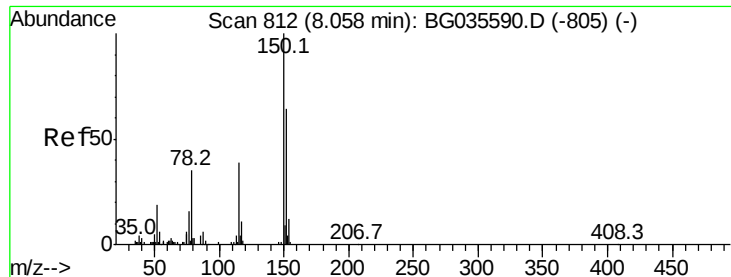
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071818\
Data File : BG035733.D
Acq On : 19 Jul 2018 1:24
Operator : JU/SJ
Sample : PB111232BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB111232BL

Quant Time: Jul 19 03:48:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 18 17:45:13 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 809

Delta R.T. 0.00 min

Lab File: BG035733.D

Acq: 19 Jul 2018 1:24

Instrument :

BNA_G

ClientSampleId :

PB111232BL

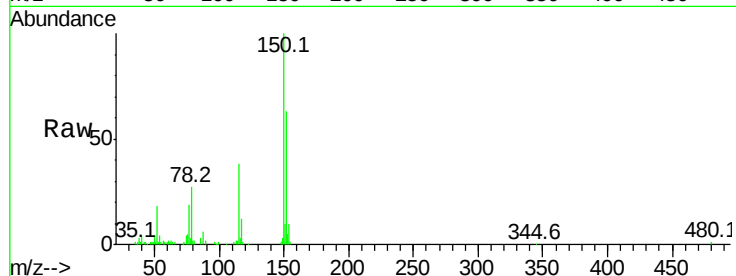
Tot Ion:152 Resp: 49563

Ion Ratio Lower Upper

152 100

150 159.1 126.6 189.8

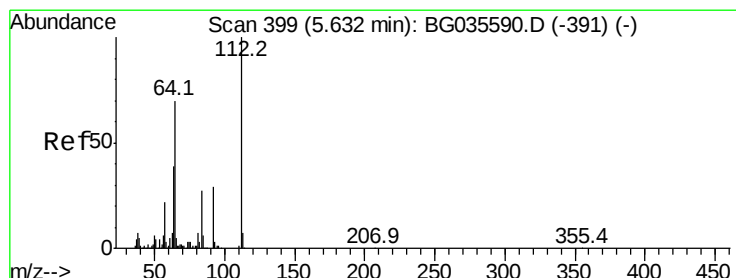
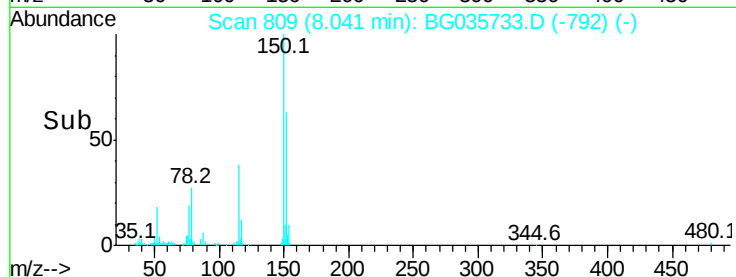
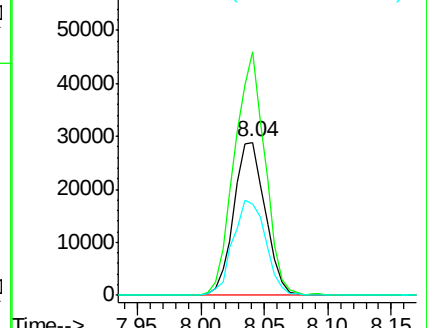
115 60.0 53.0 79.4



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: 133.569 ng

RT: 5.62 min Scan# 397

Delta R.T. 0.00 min

Lab File: BG035733.D

Acq: 19 Jul 2018 1:24

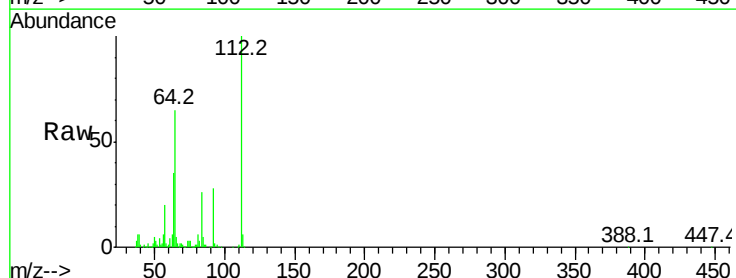
Tgt Ion:112 Resp: 398743

Ion Ratio Lower Upper

112 100

64 64.6 56.3 84.5

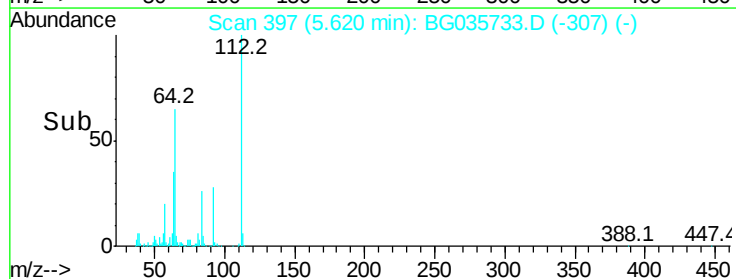
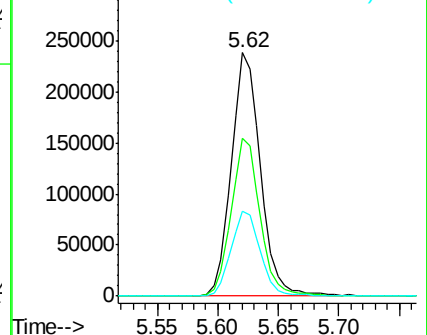
63 35.0 30.1 45.1



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: 124.675 ng

RT: 7.21 min Scan# 667

Delta R.T. 0.00 min

Lab File: BG035733.D

Acq: 19 Jul 2018 1:24

Instrument :

BNA_G

ClientSampleId :

PB111232BL

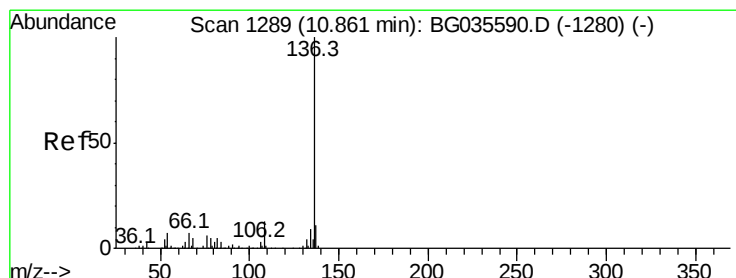
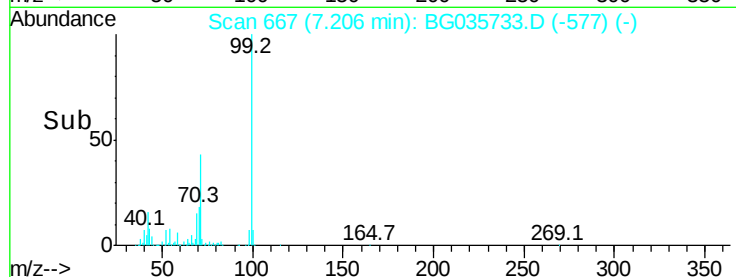
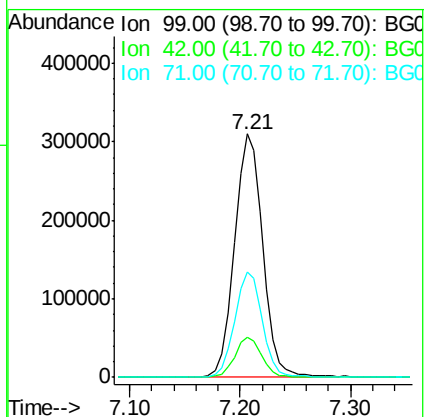
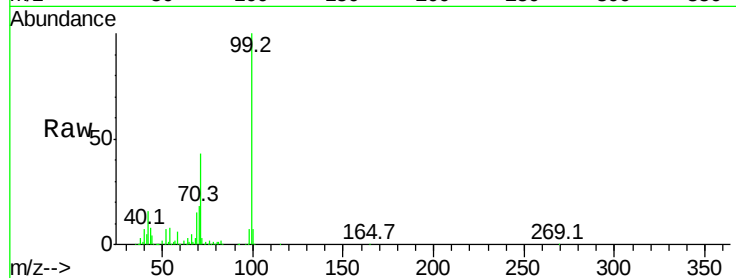
Tot Ion: 99 Resp: 555308

Ion Ratio Lower Upper

99 100

42 16.4 14.1 21.1

71 43.3 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.84 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BG035733.D

Acq: 19 Jul 2018 1:24

Tgt Ion: 136 Resp: 174926

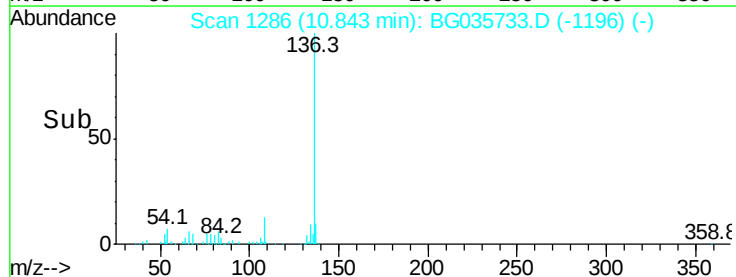
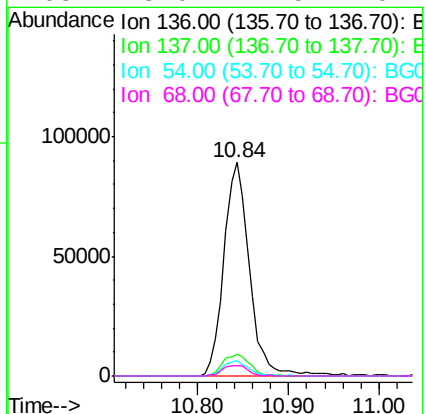
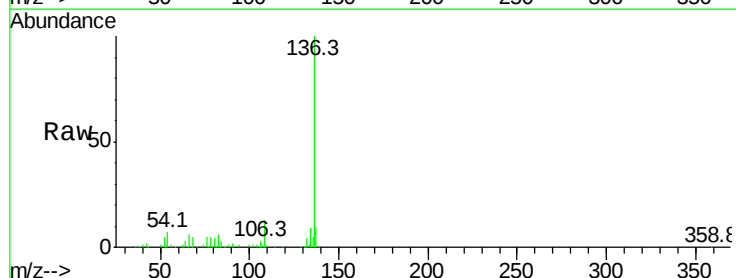
Ion Ratio Lower Upper

136 100

137 10.3 9.2 13.8

54 7.5 10.3 15.5#

68 5.0 4.5 6.7

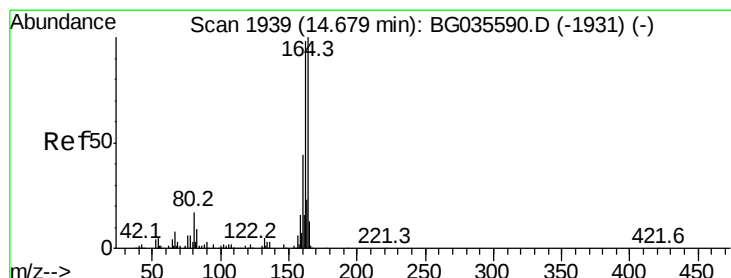
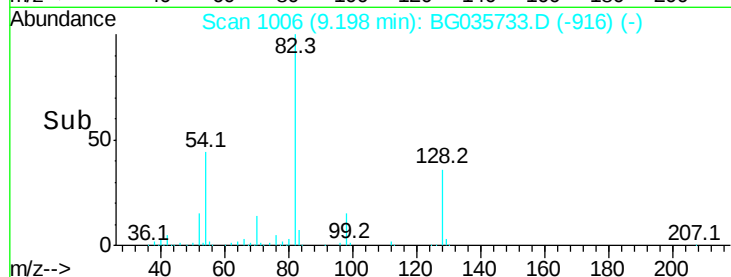
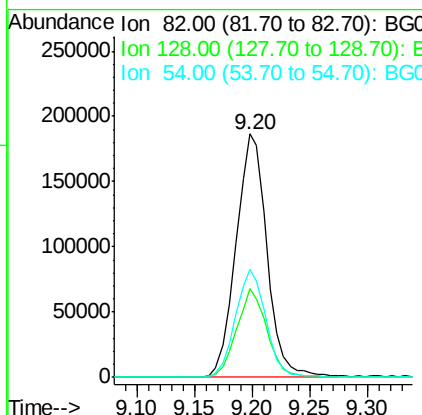
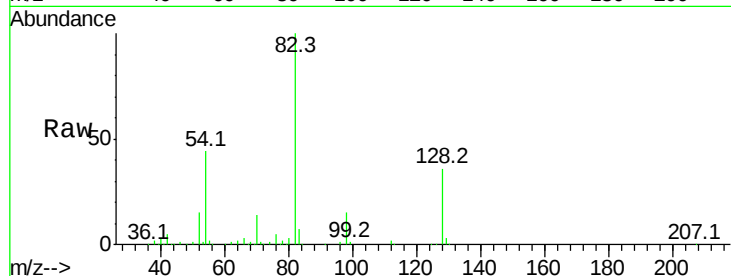




#23
Nitrobenzene-d5
Concen: 82.737 ng
RT: 9.20 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BG035733.D
Acq: 19 Jul 2018 1:24

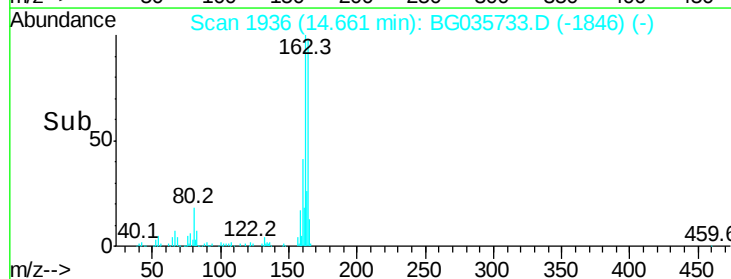
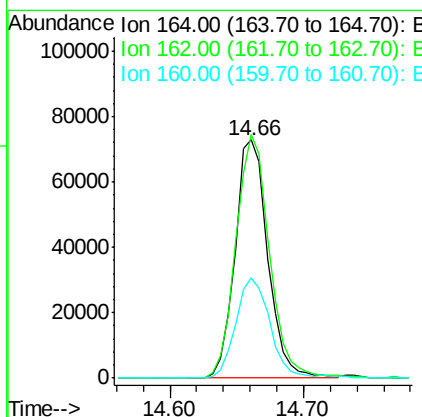
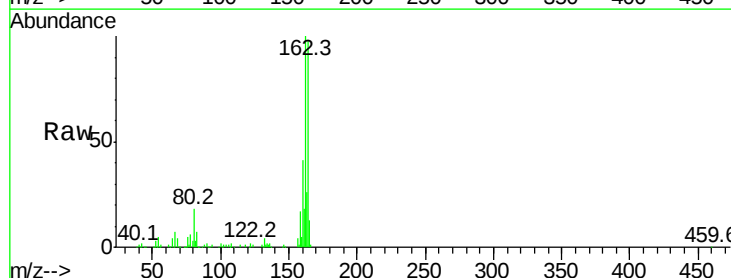
Instrument :
BNA_G
ClientSampleId :
PB111232BL

Tot Ion: 82 Resp: 346448
Ion Ratio Lower Upper
82 100
128 36.3 29.7 44.5
54 44.2 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1936
Delta R.T. 0.00 min
Lab File: BG035733.D
Acq: 19 Jul 2018 1:24

Tgt Ion:164 Resp: 123630
Ion Ratio Lower Upper
164 100
162 102.3 78.8 118.2
160 42.4 35.4 53.0

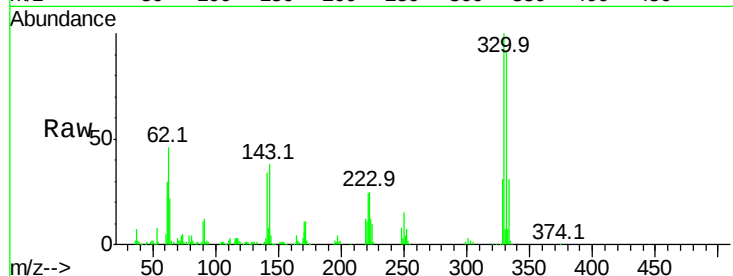




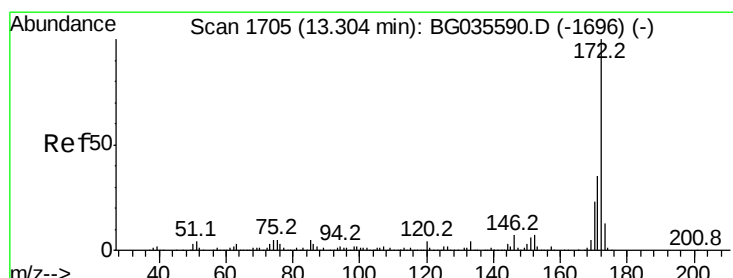
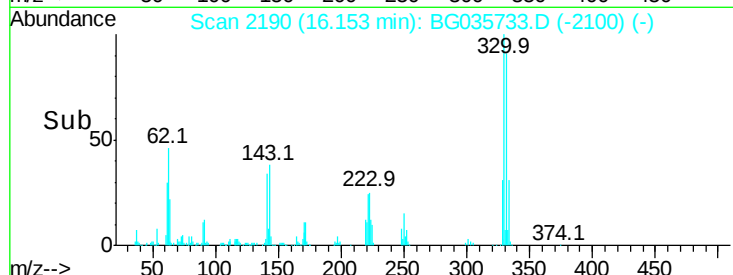
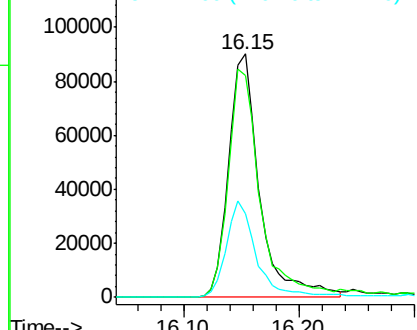
#41
 2,4,6-Tribromophenol
 Concen: 103.201 ng
 RT: 16.15 min Scan# 2190
 Delta R.T. 0.00 min
 Lab File: BG035733.D
 Acq: 19 Jul 2018 1:24

Instrument :
 BNA_G
 ClientSampleId :
 PB111232BL

Tot Ion:330 Resp: 168168
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 38.8 25.2 37.8#

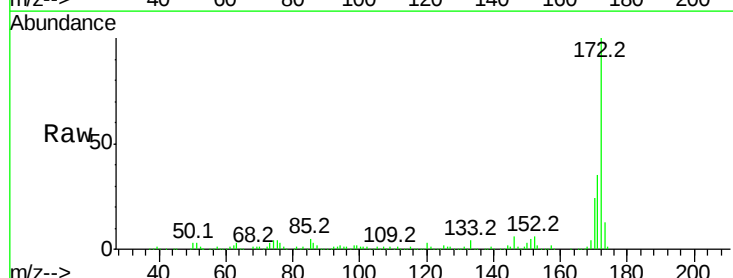


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

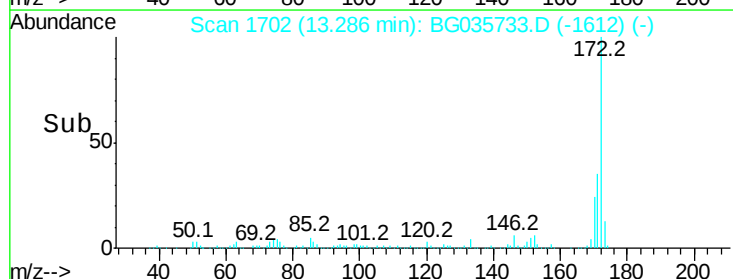
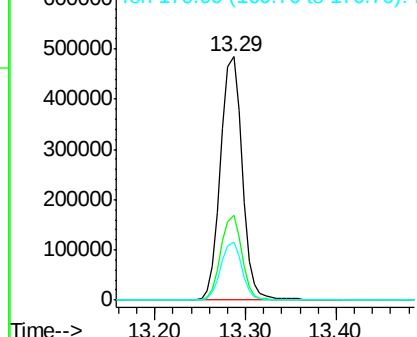


#44
 2-Fluorobiphenyl
 Concen: 87.243 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: BG035733.D
 Acq: 19 Jul 2018 1:24

Tgt Ion:172 Resp: 805072
 Ion Ratio Lower Upper
 172 100
 171 34.9 30.0 45.0
 170 23.7 19.5 29.3



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

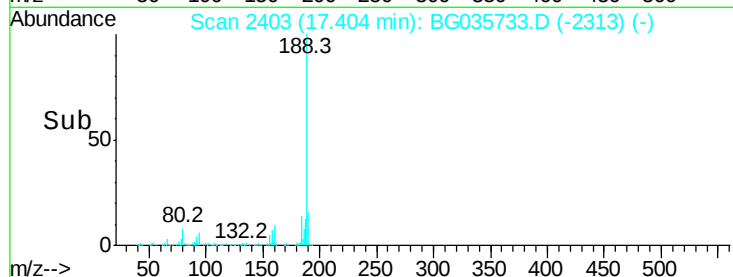
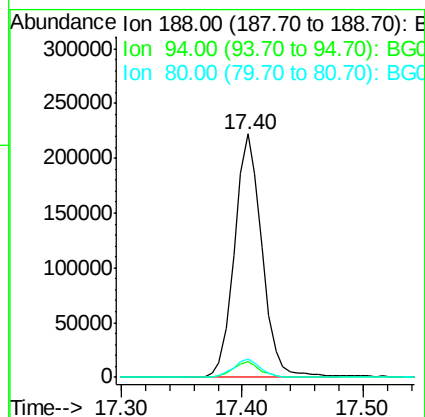
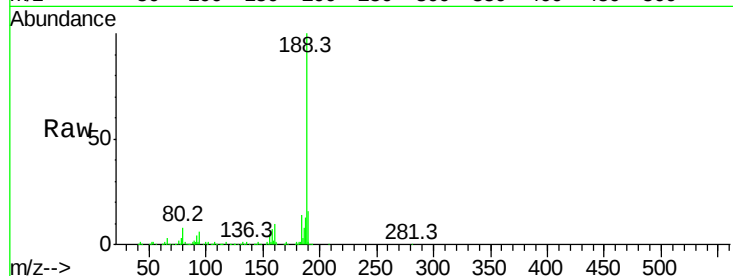




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2403
Delta R.T. 0.00 min
Lab File: BG035733.D
Acq: 19 Jul 2018 1:24

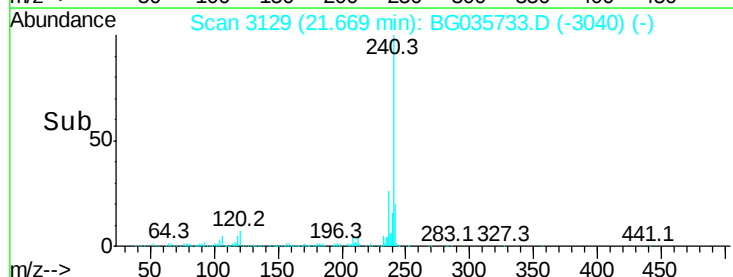
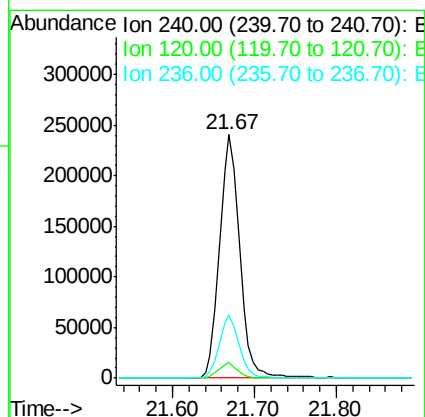
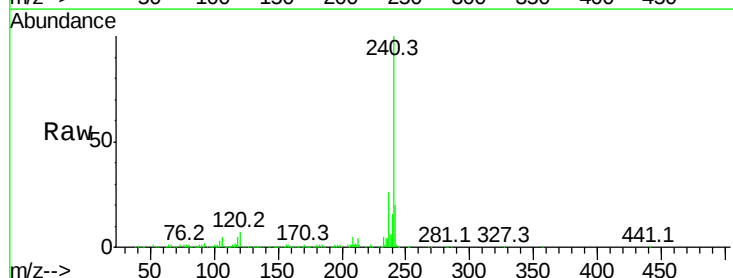
Instrument :
BNA_G
ClientSampleId :
PB111232BL

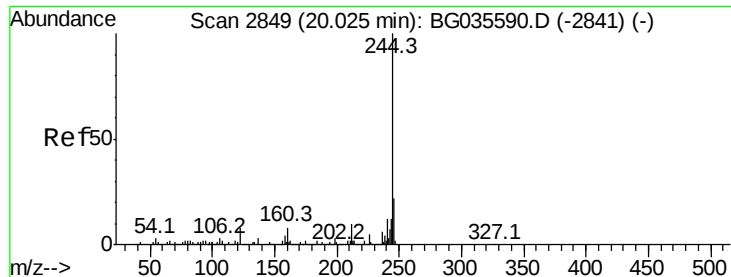
Tot Ion:188 Resp: 352085
Ion Ratio Lower Upper
188 100
94 6.4 6.9 10.3#
80 7.7 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3129
Delta R.T. -0.01 min
Lab File: BG035733.D
Acq: 19 Jul 2018 1:24

Tgt Ion:240 Resp: 415583
Ion Ratio Lower Upper
240 100
120 6.6 6.8 10.2#
236 25.8 20.9 31.3





#78

Terphenyl-d14

Concen: 84.657 ng

RT: 20.01 min Scan# 2847

Delta R.T. 0.00 min

Lab File: BG035733.D

Acq: 19 Jul 2018 1:24

Instrument :

BNA_G

ClientSampleId :

PB111232BL

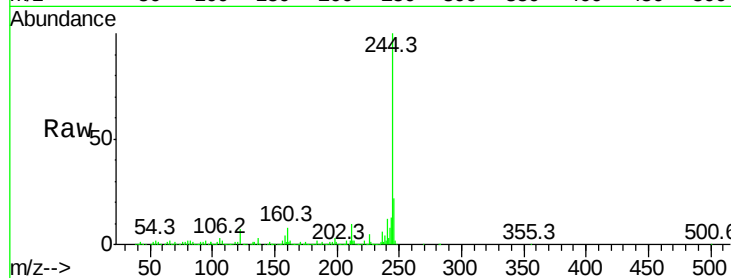
Tot Ion:244 Resp: 1596061

Ion Ratio Lower Upper

244 100

212 9.6 5.8 8.8#

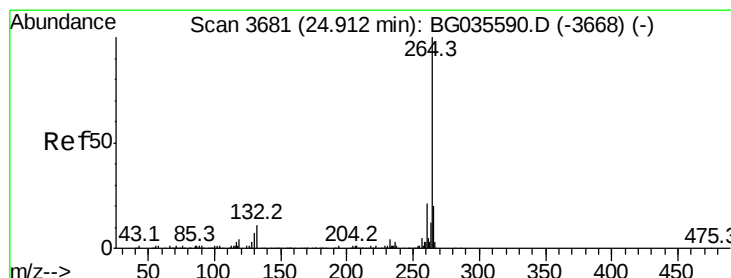
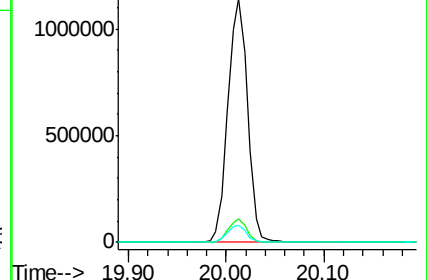
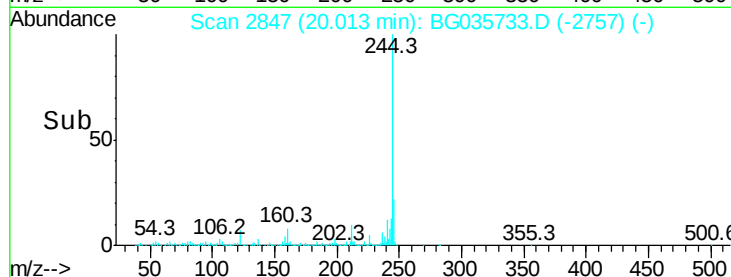
122 7.2 7.0 10.4



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: 20.000 ng

RT: 24.88 min Scan# 3676

Delta R.T. 0.00 min

Lab File: BG035733.D

Acq: 19 Jul 2018 1:24

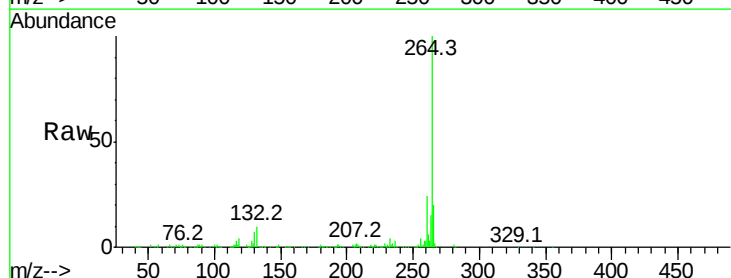
Tgt Ion:264 Resp: 390906

Ion Ratio Lower Upper

264 100

260 24.1 17.4 26.0

265 19.7 17.7 26.5



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

