

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040518\
 Data File : BG033621.D
 Acq On : 6 Apr 2018 9:21
 Operator : SJ/JU
 Sample : J2226-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 040318-DBRI-E-D-M

Quant Time: Apr 06 11:33:42 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 05 17:36:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	33118	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	151533	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	129690	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	331498	20.00	ng	0.00
75) Chrysene-d12	22.55	240	328080	20.00	ng	0.00
86) Perylene-d12	26.31	264	328492	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	77749	44.02	ng	0.00
7) Phenol-d6	7.98	99	68306	22.51	ng	0.00
23) Nitrobenzene-d5	10.06	82	366833	111.22	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	165848	85.50	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	923495	102.80	ng	0.00
78) Terphenyl-d14	20.73	244	1434250	93.49	ng	0.00

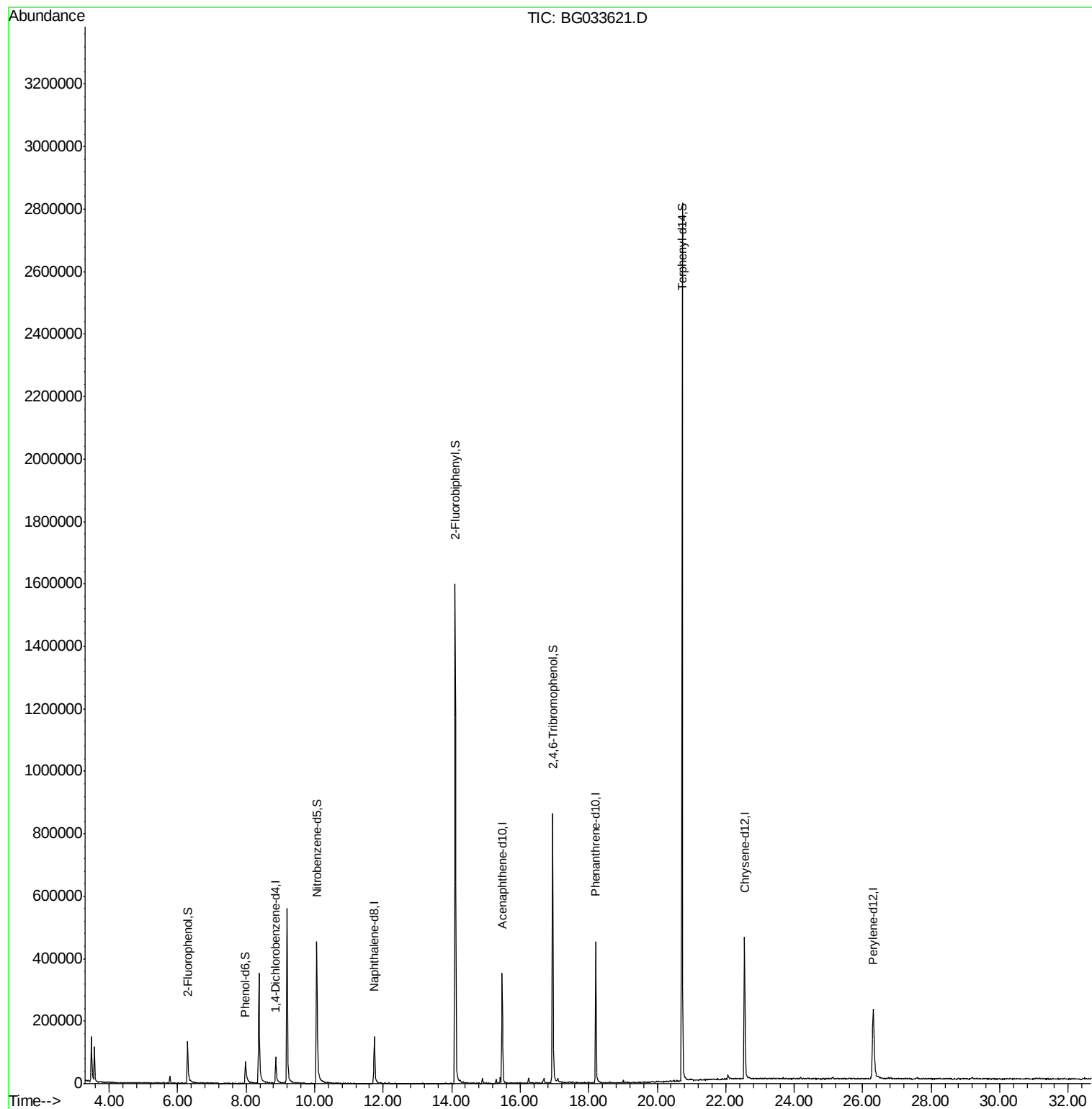
Target Compounds Qvalue

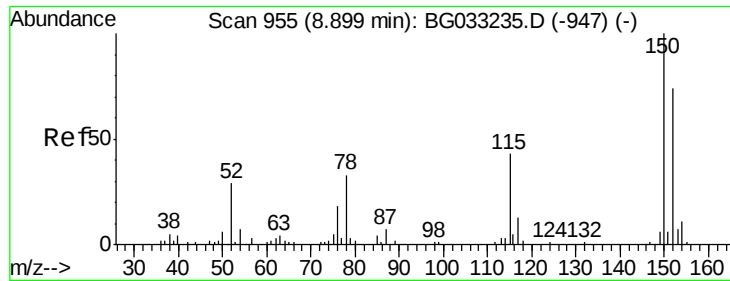
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040518\
Data File : BG033621.D
Acq On : 6 Apr 2018 9:21
Operator : SJ/JU
Sample : J2226-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
040318-DBRI-E-D-M

Quant Time: Apr 06 11:33:42 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 05 17:36:07 2018
Response via : Initial Calibration



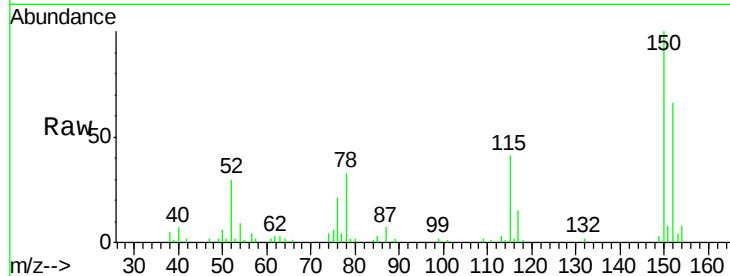


#1

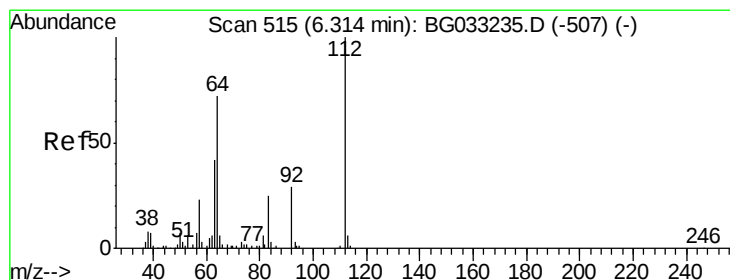
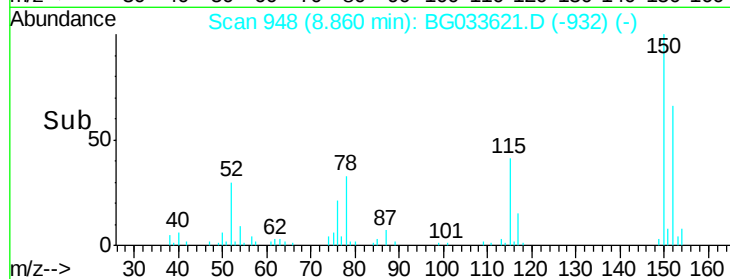
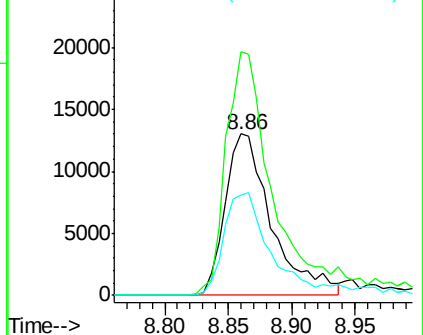
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.86 min Scan# 948
 Delta R.T. -0.00 min
 Lab File: BG033621.D
 Acq: 6 Apr 2018 9:21

Instrument :
 BNA_G
 ClientSampleId :
 040318-DBRI-E-D-M

Tot Ion:152 Resp: 33118
 Ion Ratio Lower Upper
 152 100
 150 151.1 126.6 189.8
 115 62.5 53.0 79.4



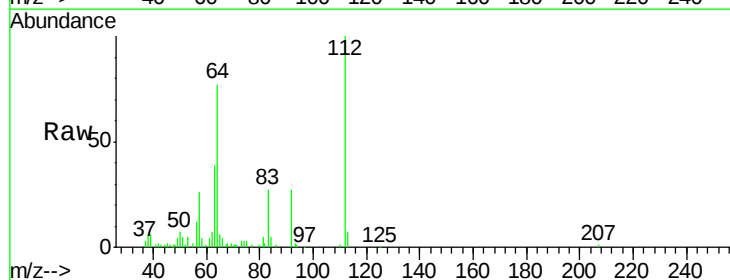
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



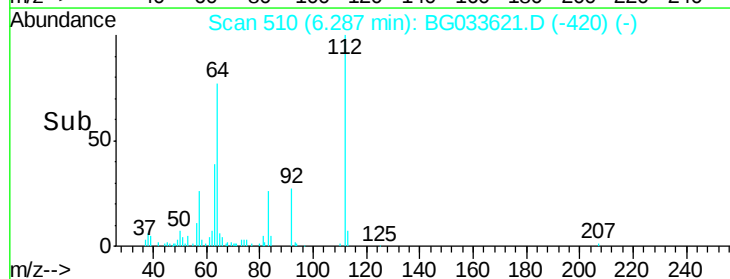
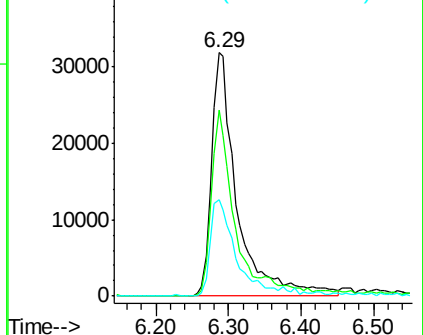
#5

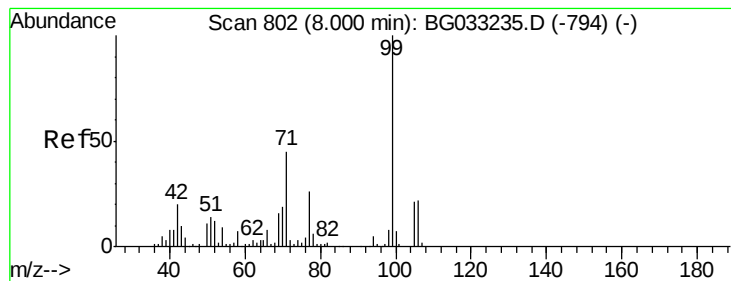
2-Fluorophenol
 Concen: 44.021 ng
 RT: 6.29 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: BG033621.D
 Acq: 6 Apr 2018 9:21

Tgt Ion:112 Resp: 77749
 Ion Ratio Lower Upper
 112 100
 64 76.6 56.3 84.5
 63 39.4 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: 22.509 ng

RT: 7.98 min Scan# 798

Delta R.T. 0.01 min

Lab File: BG033621.D

Acq: 6 Apr 2018 9:21

Instrument :

BNA_G

ClientSampleId :

040318-DBRI-E-D-M

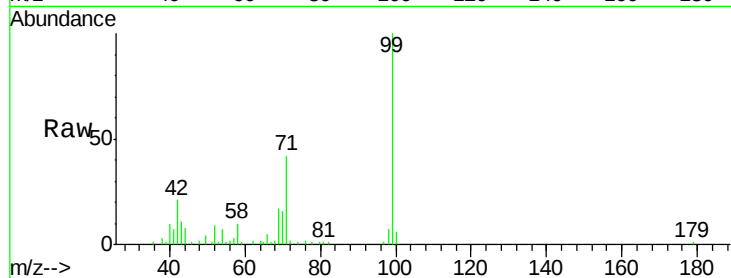
Tot Ion: 99 Resp: 68306

Ion Ratio Lower Upper

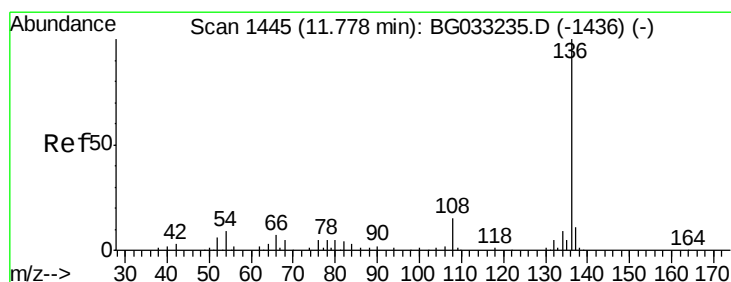
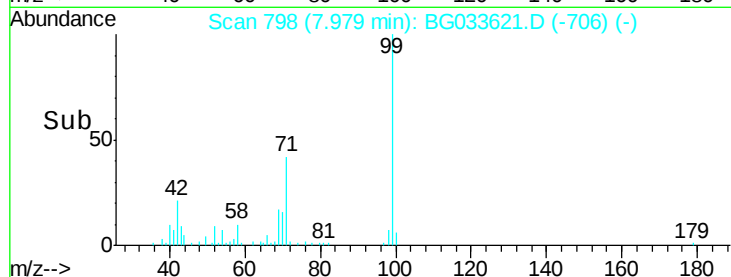
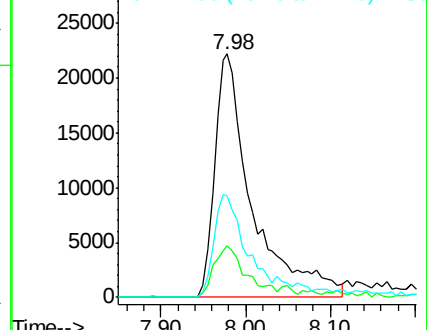
99 100

42 21.0 14.1 21.1

71 41.6 26.1 39.1#



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: 20.000 ng

RT: 11.74 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BG033621.D

Acq: 6 Apr 2018 9:21

Tgt Ion: 136 Resp: 151533

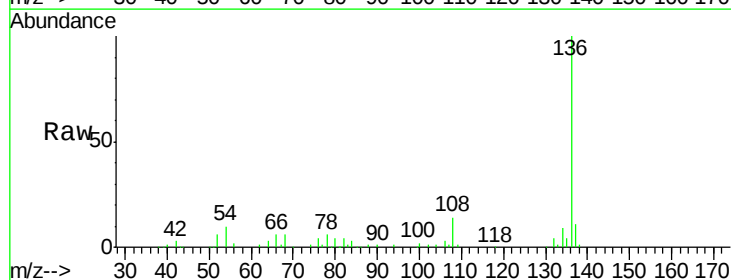
Ion Ratio Lower Upper

136 100

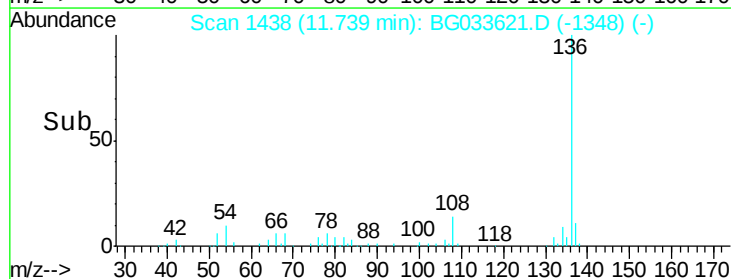
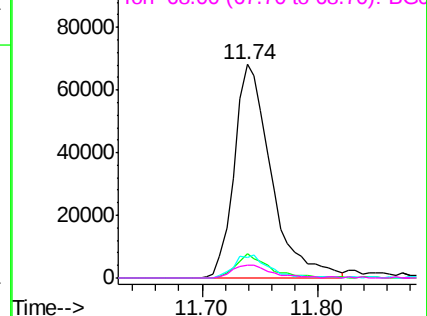
137 11.2 9.2 13.8

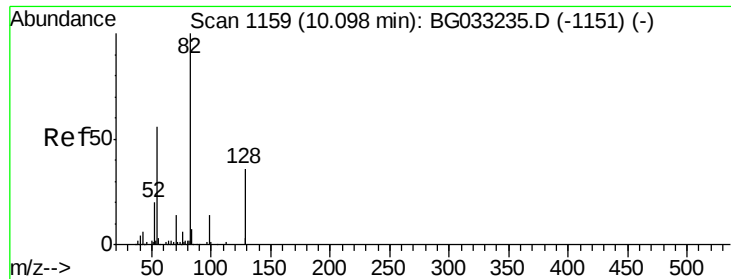
54 9.8 10.3 15.5#

68 5.8 4.5 6.7



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: 111.222 ng

RT: 10.06 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BG033621.D

Acq: 6 Apr 2018 9:21

Instrument :

BNA_G

ClientSampleId :

040318-DBRI-E-D-M

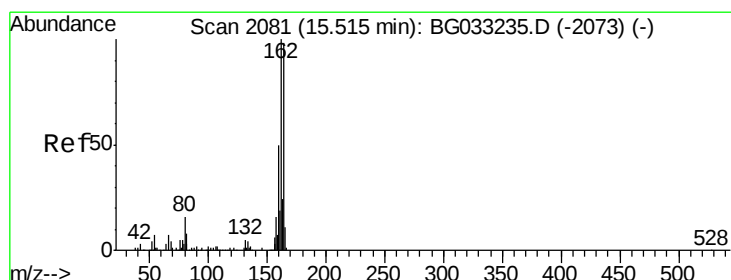
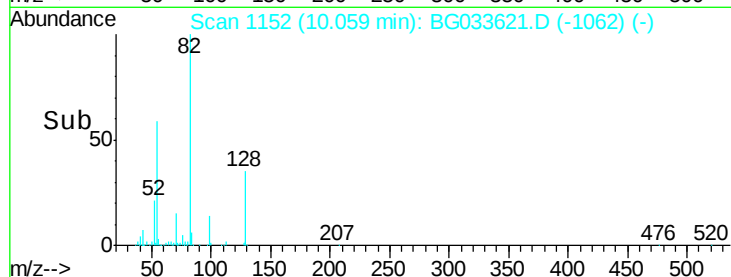
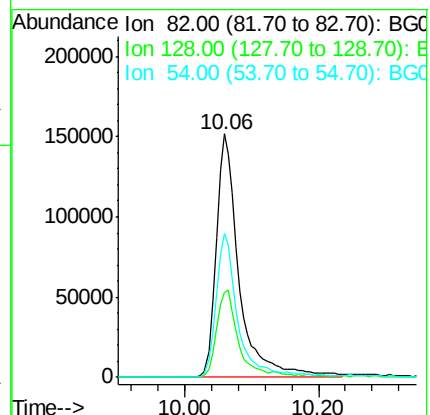
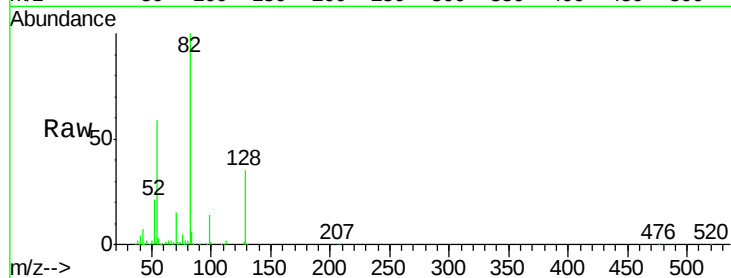
Tot Ion: 82 Resp: 366833

Ion Ratio Lower Upper

82 100

128 35.0 29.7 44.5

54 59.1 43.1 64.7



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.48 min Scan# 2074

Delta R.T. -0.00 min

Lab File: BG033621.D

Acq: 6 Apr 2018 9:21

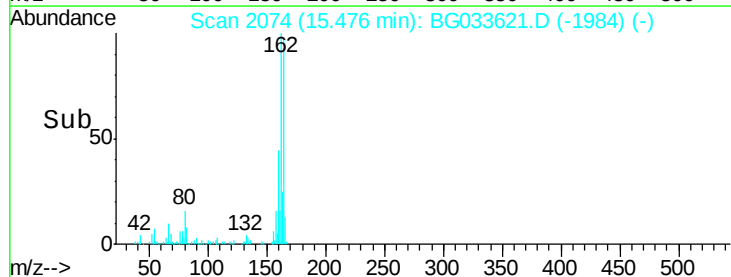
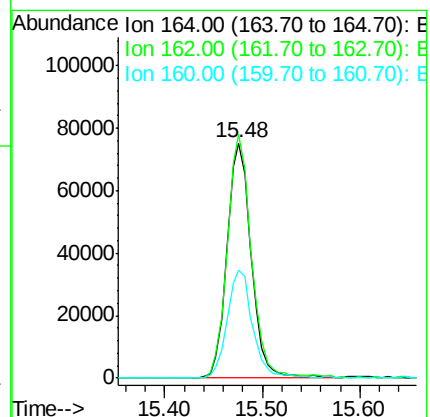
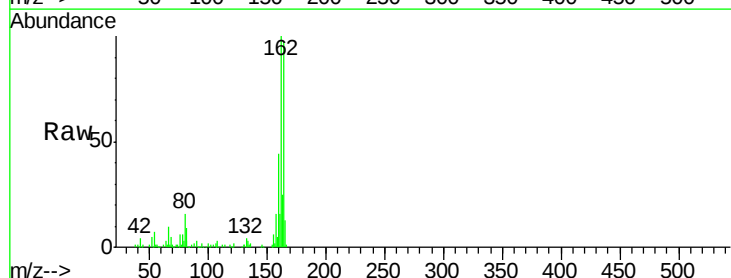
Tgt Ion: 164 Resp: 129690

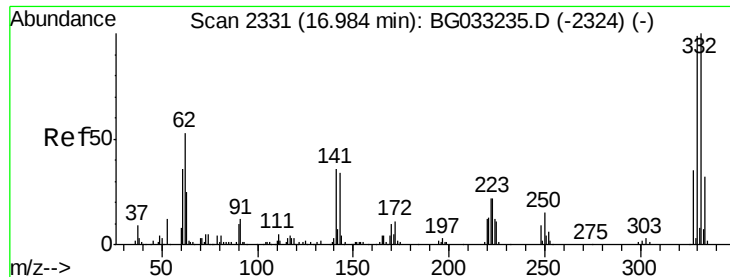
Ion Ratio Lower Upper

164 100

162 103.6 78.8 118.2

160 45.8 35.4 53.0





#41

2,4,6-Tribromophenol

Concen: 85.503 ng

RT: 16.95 min Scan# 2325

Delta R.T. -0.00 min

Lab File: BG033621.D

Acq: 6 Apr 2018 9:21

Instrument :

BNA_G

ClientSampleId :

040318-DBRI-E-D-M

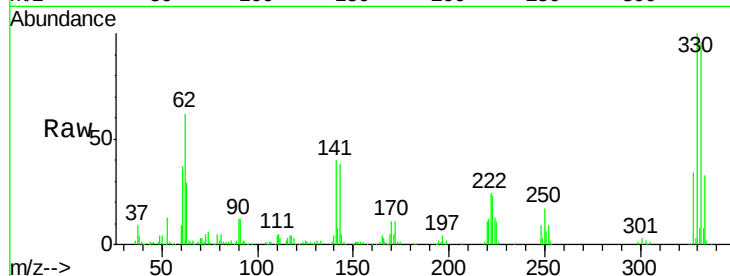
Tot Ion:330 Resp: 165848

Ion Ratio Lower Upper

330 100

332 96.0 77.0 115.6

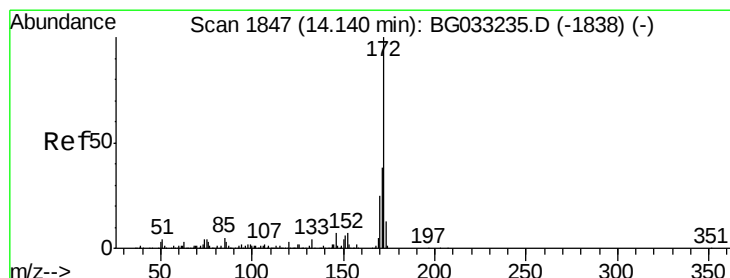
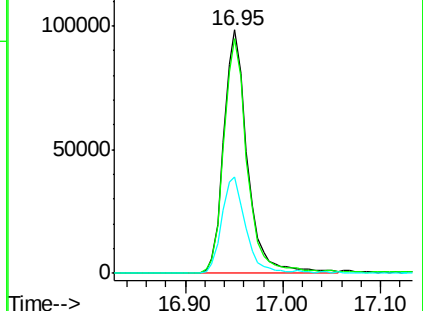
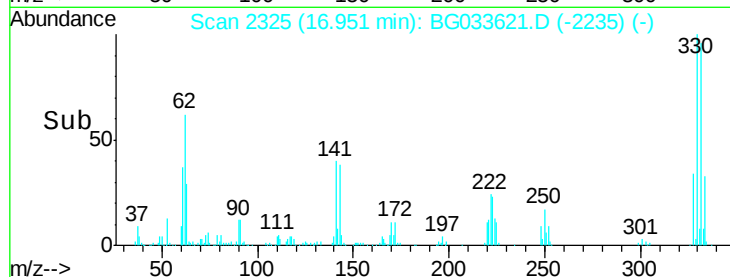
141 39.8 25.2 37.8#



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: 102.798 ng

RT: 14.11 min Scan# 1841

Delta R.T. 0.00 min

Lab File: BG033621.D

Acq: 6 Apr 2018 9:21

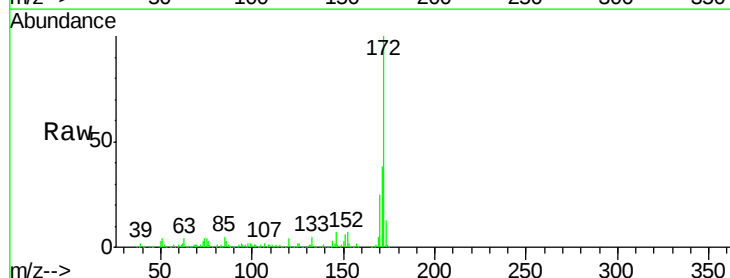
Tgt Ion:172 Resp: 923495

Ion Ratio Lower Upper

172 100

171 37.6 30.0 45.0

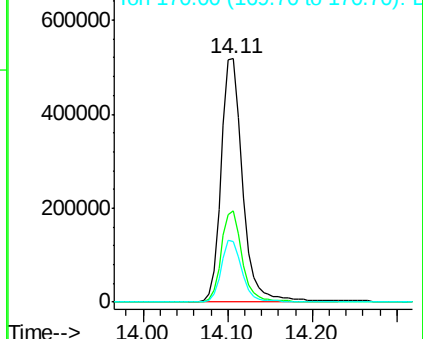
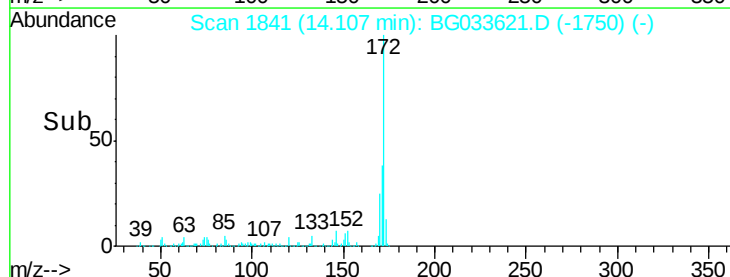
170 25.0 19.5 29.3

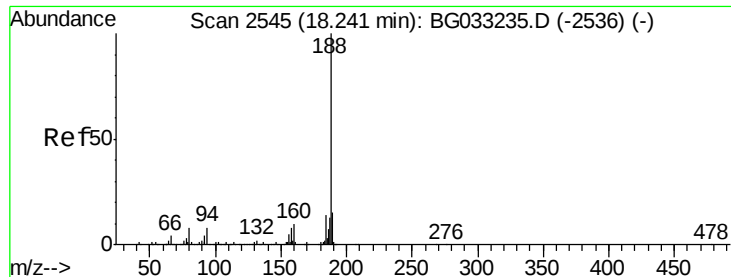


Abundance Ion 172.00 (171.70 to 172.70): E

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: 18.20 min Scan# 2538

Delta R.T. -0.01 min

Lab File: BG033621.D

Acq: 6 Apr 2018 9:21

Instrument :

BNA_G

ClientSampleId :

040318-DBRI-E-D-M

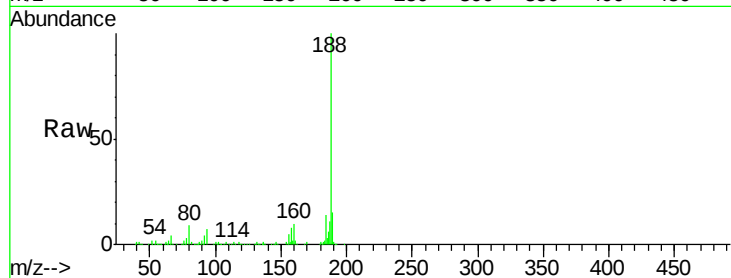
Tot Ion:188 Resp: 331498

Ion Ratio Lower Upper

188 100

94 7.3 6.9 10.3

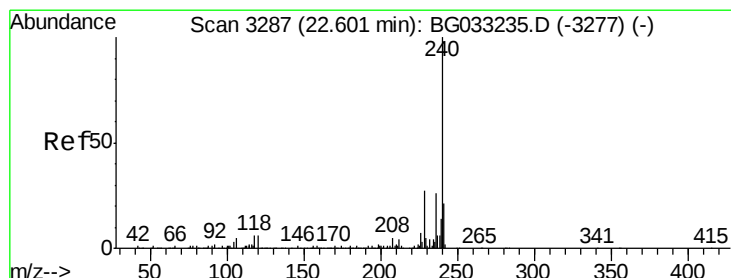
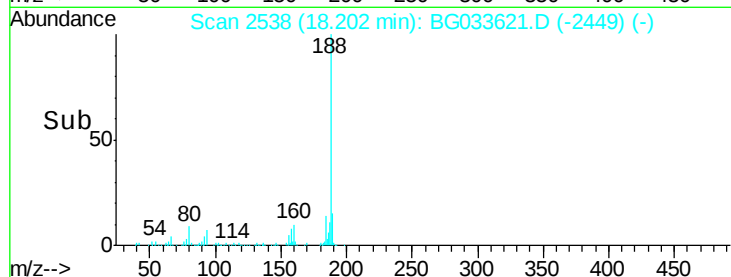
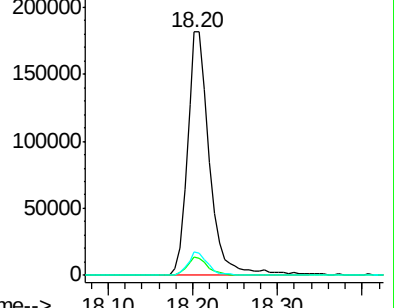
80 9.5 7.7 11.5



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: 20.000 ng

RT: 22.55 min Scan# 3278

Delta R.T. -0.01 min

Lab File: BG033621.D

Acq: 6 Apr 2018 9:21

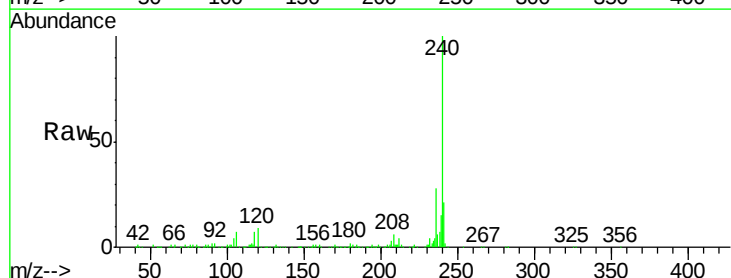
Tgt Ion:240 Resp: 328080

Ion Ratio Lower Upper

240 100

120 8.6 6.8 10.2

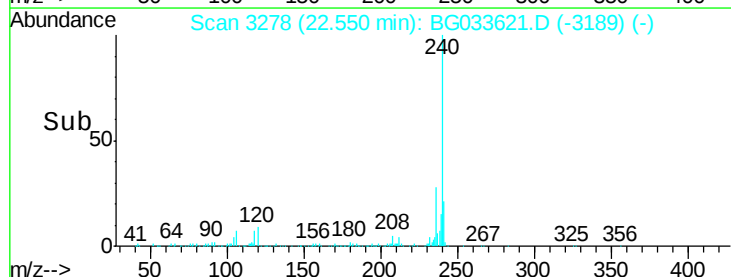
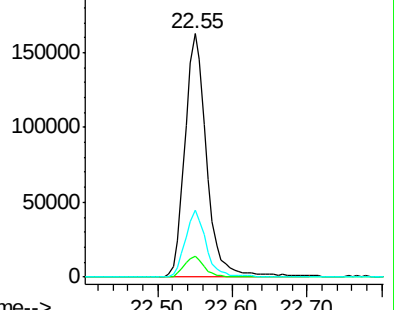
236 27.7 20.9 31.3

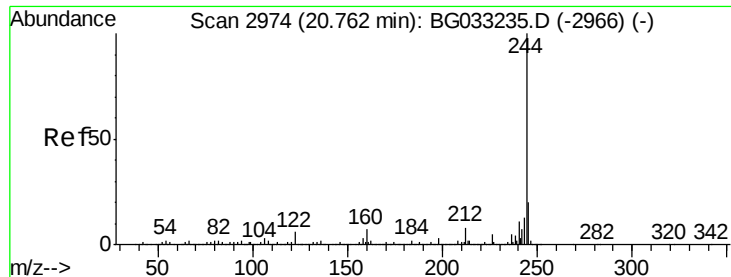


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 93.492 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.00 min

Lab File: BG033621.D

Acq: 6 Apr 2018 9:21

Instrument :

BNA_G

ClientSampleId :

040318-DBRI-E-D-M

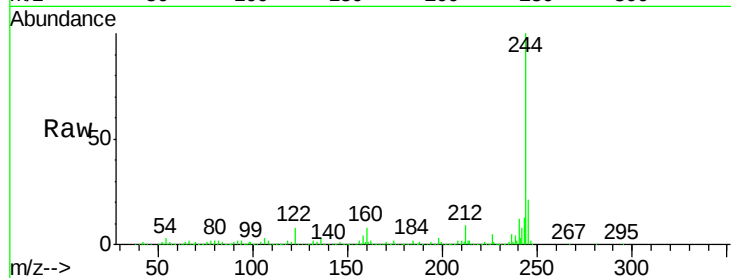
Tot Ion:244 Resp: 1434250

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

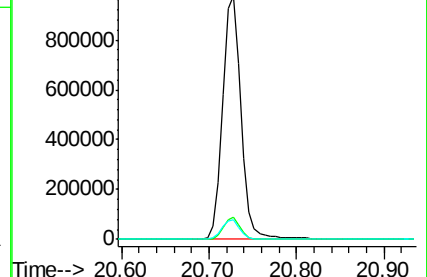
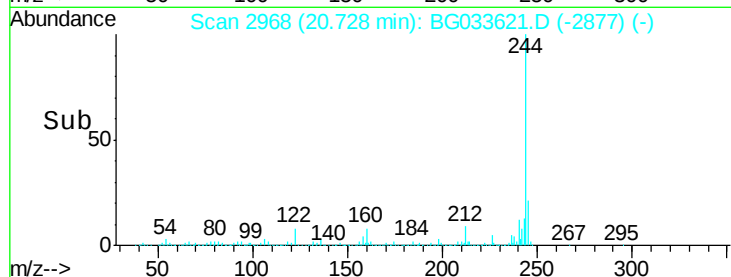
122 7.9 7.0 10.4



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: 26.31 min Scan# 3918

Delta R.T. -0.01 min

Lab File: BG033621.D

Acq: 6 Apr 2018 9:21

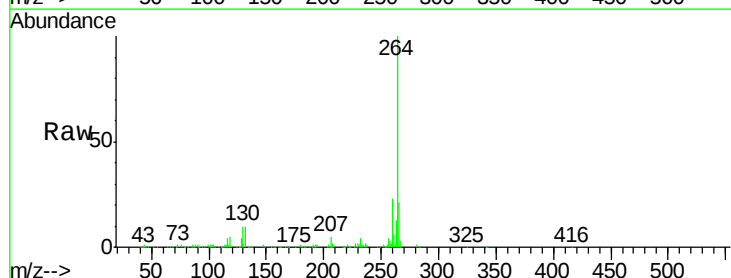
Tgt Ion:264 Resp: 328492

Ion Ratio Lower Upper

264 100

260 22.8 17.4 26.0

265 20.5 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

