

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG040218\
 Data File : BG033508.D
 Acq On : 3 Apr 2018 4:09
 Operator : SJ/JU
 Sample : J2114-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 032718-DBRI-F-D-S

Quant Time: Apr 03 05:16:50 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 18:34:58 2018
 Response via : Initial Calibration

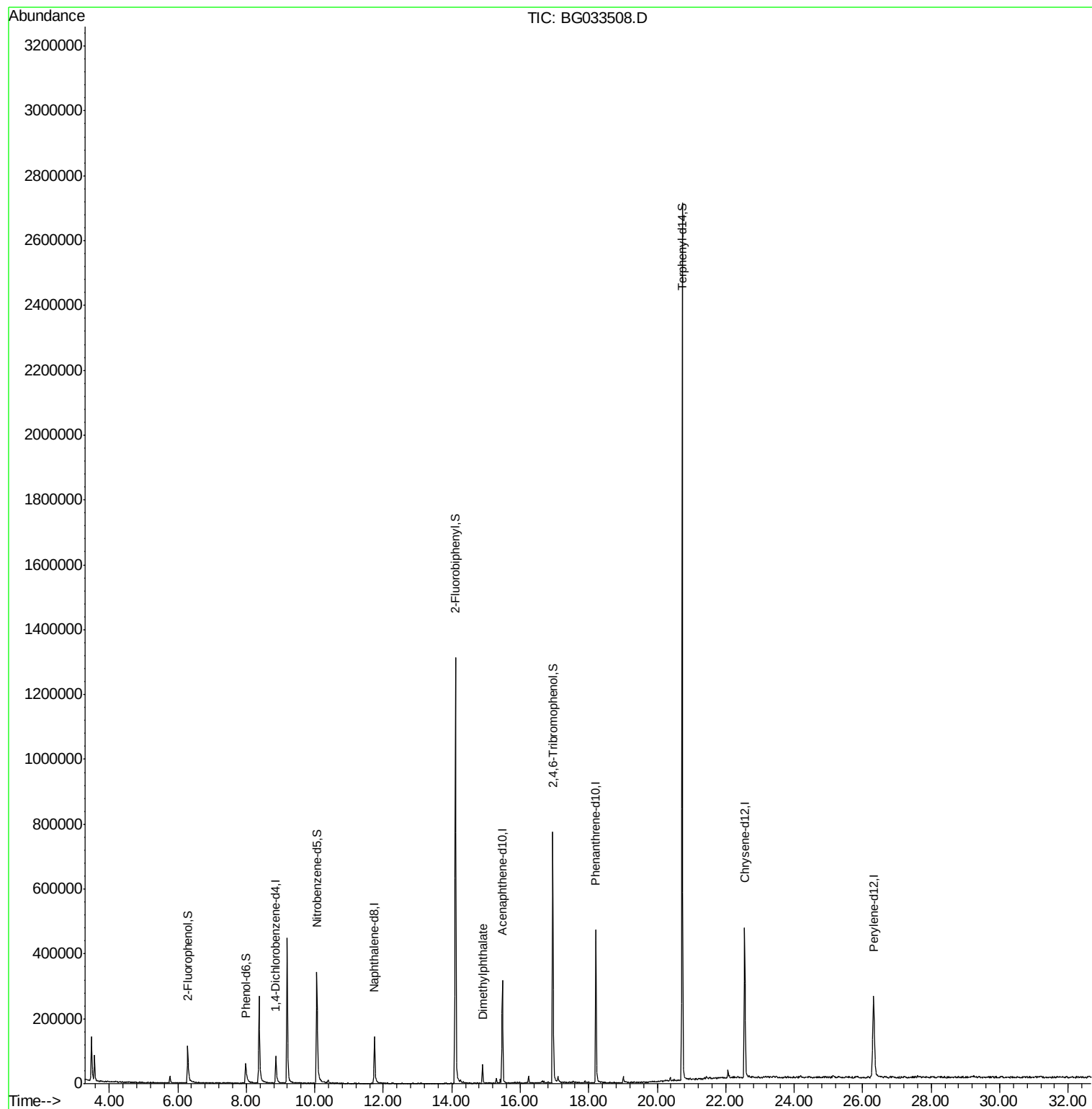
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	33382	20.00	ng	-0.01
21) Naphthalene-d8	11.74	136	146841	20.00	ng	-0.01
38) Acenaphthene-d10	15.48	164	121021	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	338993	20.00	ng	0.00
75) Chrysene-d12	22.55	240	337560	20.00	ng	0.00
86) Perylene-d12	26.32	264	363278	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	65096	36.57	ng	0.00
7) Phenol-d6	7.98	99	60395	19.74	ng	0.00
23) Nitrobenzene-d5	10.06	82	276815	86.61	ng	-0.01
41) 2,4,6-Tribromophenol	16.95	330	153236	84.66	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	741978	88.51	ng	0.00
78) Terphenyl-d14	20.73	244	1334600	84.55	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.90	163	40143	3.811	ng	98

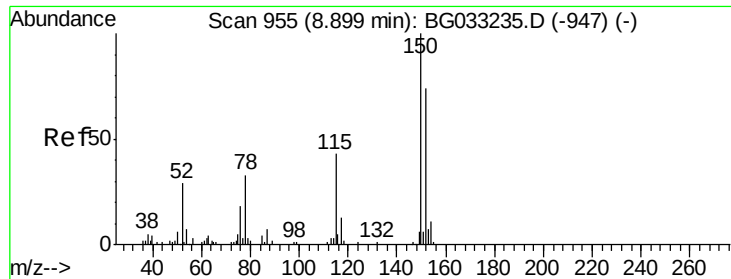
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG040218\
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Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
032718-DBRI-F-D-S

Quant Time: Apr 03 05:16:50 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 28 18:34:58 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.86 min Scan# 949

Delta R.T. -0.01 min

Lab File: BG033508.D

Acq: 3 Apr 2018 4:09

Instrument :

BNA_G

ClientSampleId :

032718-DBRI-F-D-S

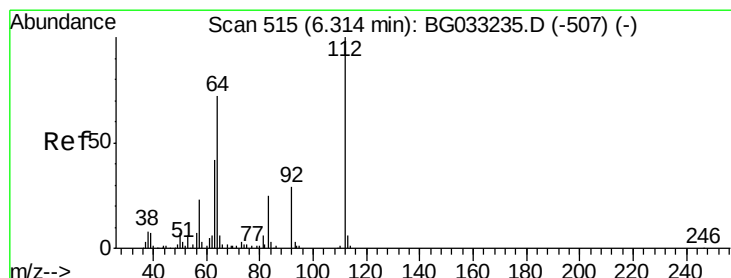
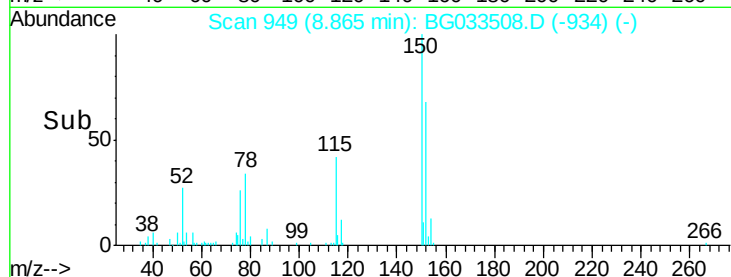
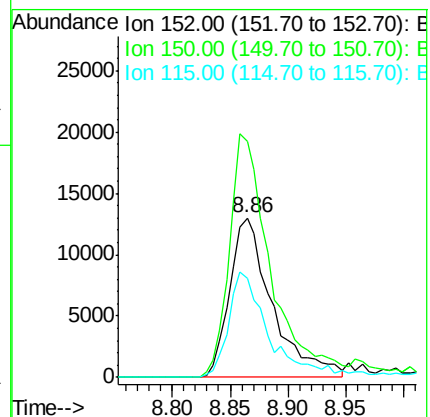
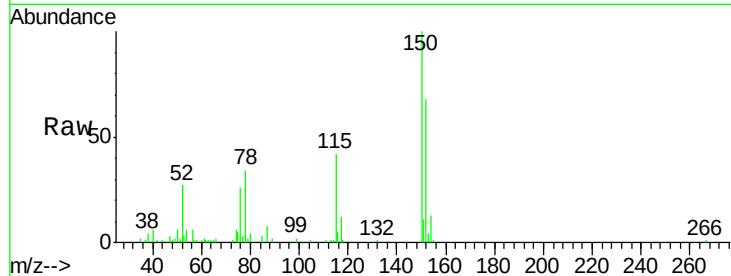
Tot Ion:152 Resp: 33382

Ion Ratio Lower Upper

152 100

150 148.1 126.6 189.8

115 62.3 53.0 79.4



#5

2-Fluorophenol

Concen: 36.565 ng

RT: 6.29 min Scan# 511

Delta R.T. -0.00 min

Lab File: BG033508.D

Acq: 3 Apr 2018 4:09

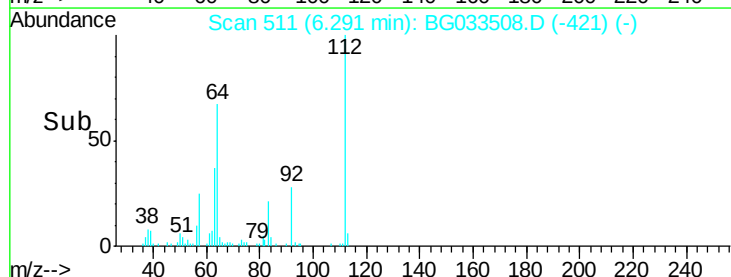
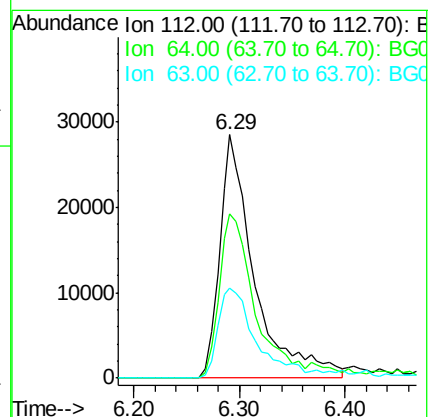
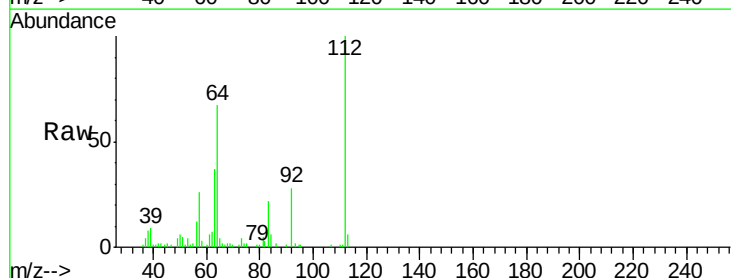
Tgt Ion:112 Resp: 65096

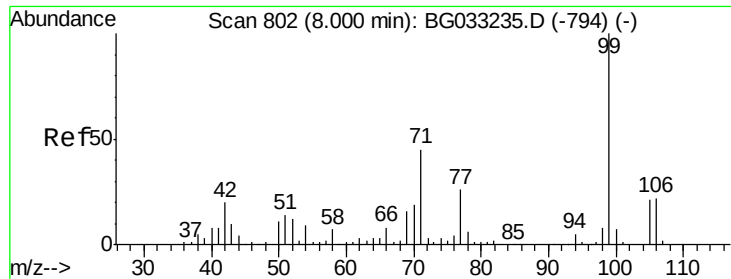
Ion Ratio Lower Upper

112 100

64 67.3 56.3 84.5

63 37.2 30.1 45.1





#7

Phenol-d6

Concen: 19.744 ng

RT: 7.98 min Scan# 798

Delta R.T. -0.00 min

Lab File: BG033508.D

Acq: 3 Apr 2018 4:09

Instrument :

BNA_G

ClientSampleId :

032718-DBRI-F-D-S

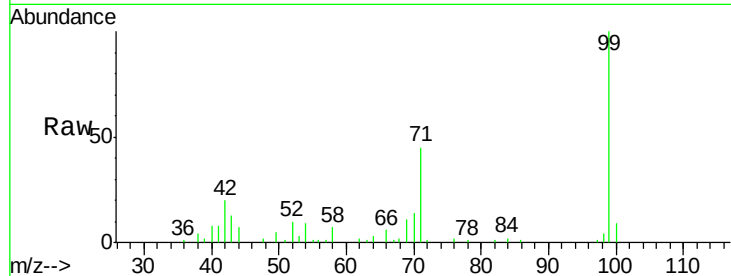
Tot Ion: 99 Resp: 60395

Ion Ratio Lower Upper

99 100

42 20.4 14.1 21.1

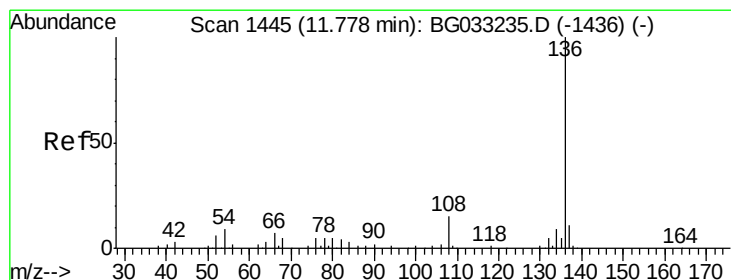
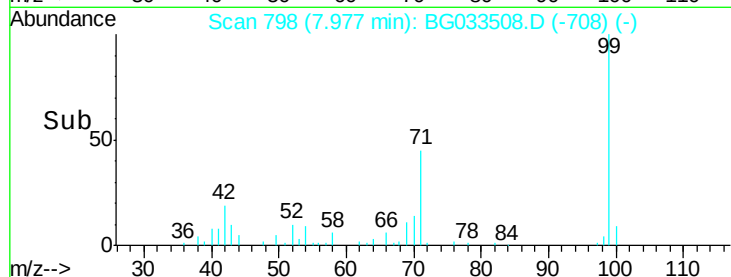
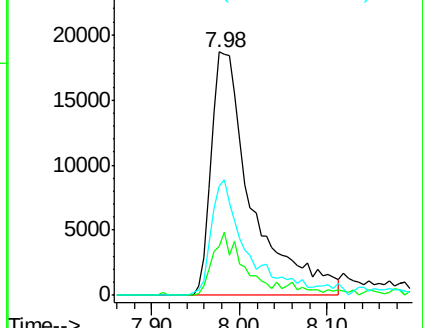
71 44.8 26.1 39.1#



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# 1439

Delta R.T. -0.01 min

Lab File: BG033508.D

Acq: 3 Apr 2018 4:09

Tgt Ion: 136 Resp: 146841

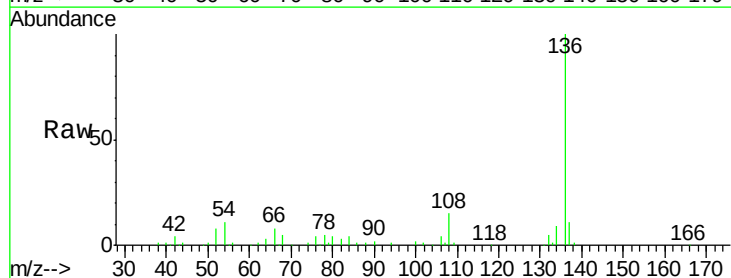
Ion Ratio Lower Upper

136 100

137 10.6 9.2 13.8

54 11.3 10.3 15.5

68 5.5 4.5 6.7

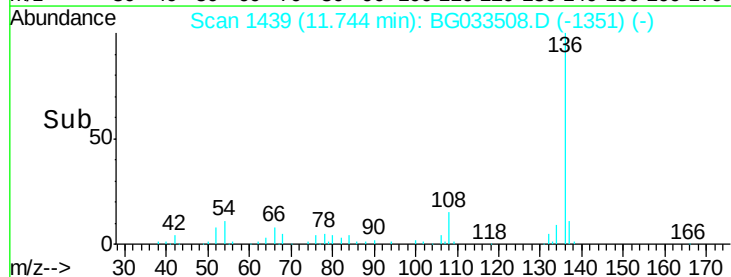
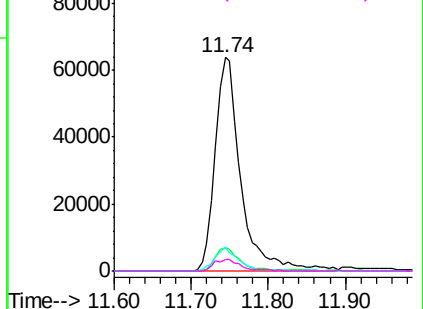


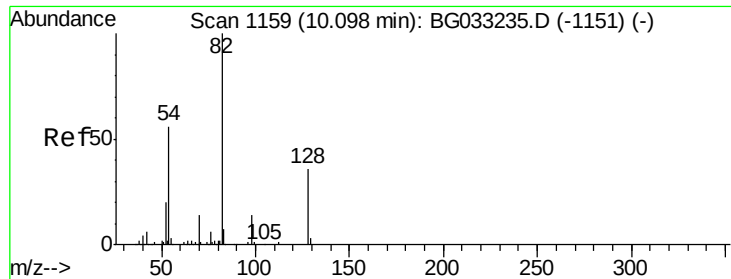
Abundance Ion 136.00 (135.70 to 136.70): BGC

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: 86.611 ng

RT: 10.06 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BG033508.D

Acq: 3 Apr 2018 4:09

Instrument :

BNA_G

ClientSampleId :

032718-DBRI-F-D-S

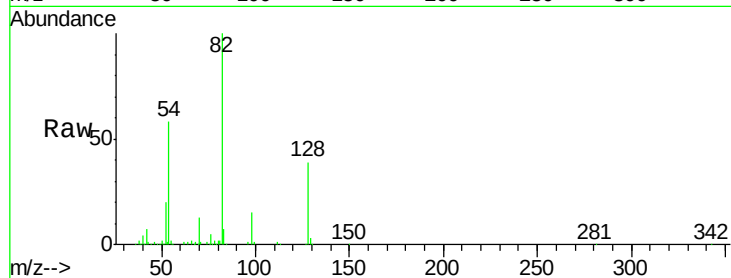
Tot Ion: 82 Resp: 276815

Ion Ratio Lower Upper

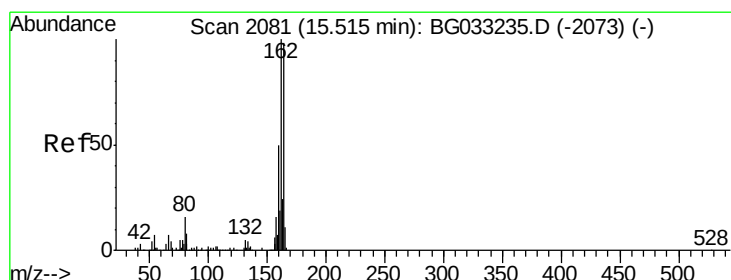
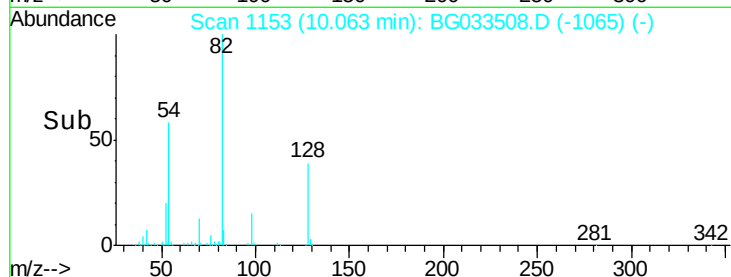
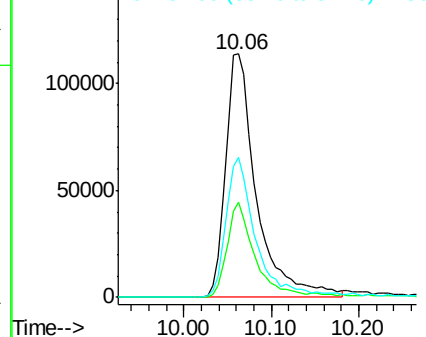
82 100

128 39.1 29.7 44.5

54 57.7 43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.48 min Scan# 2075

Delta R.T. -0.01 min

Lab File: BG033508.D

Acq: 3 Apr 2018 4:09

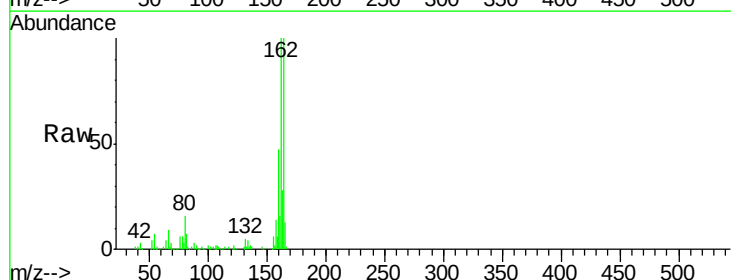
Tgt Ion:164 Resp: 121021

Ion Ratio Lower Upper

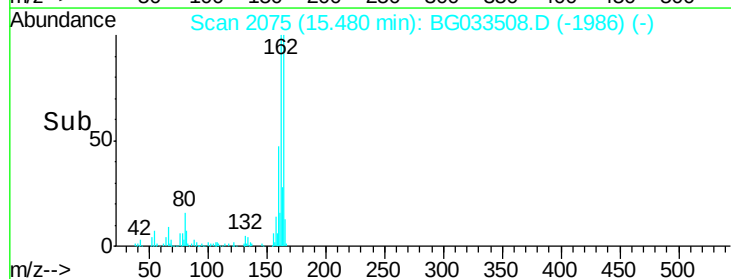
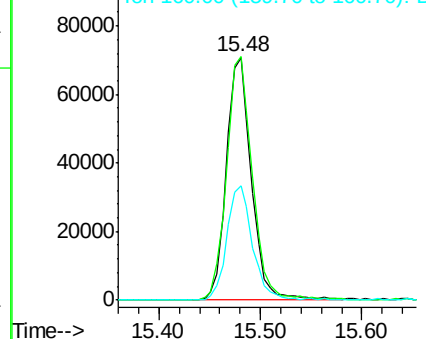
164 100

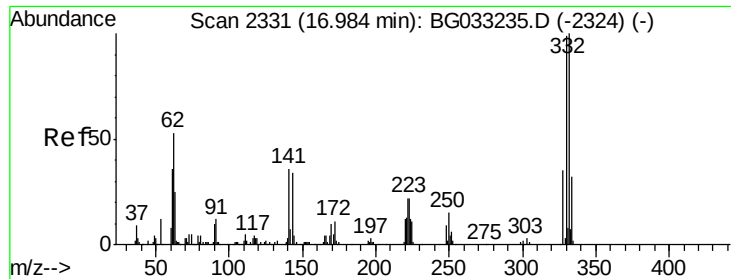
162 100.2 78.8 118.2

160 47.3 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

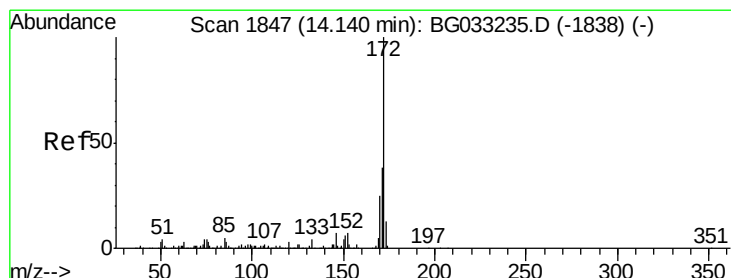
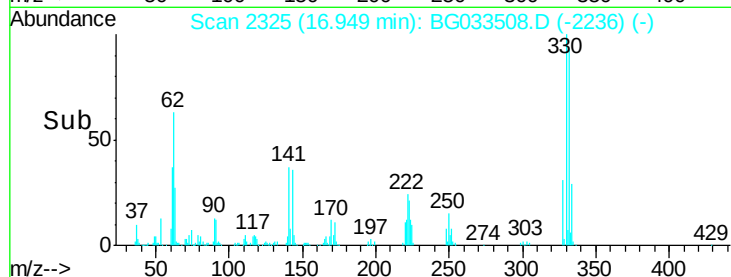
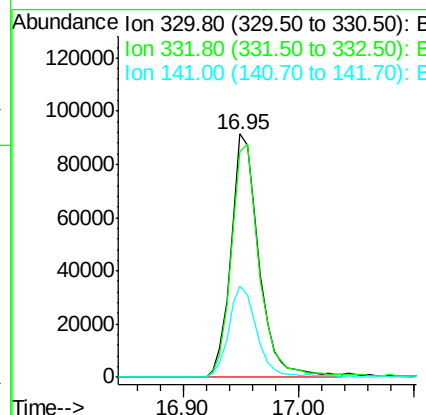
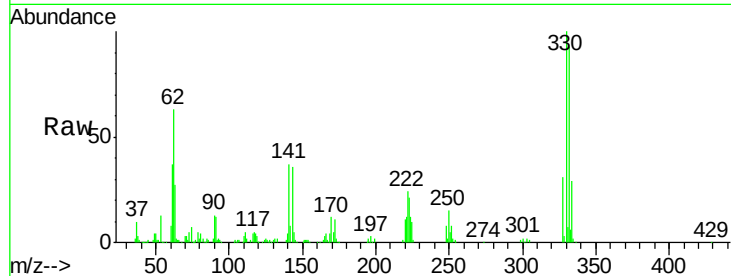




#41
 2,4,6-Tribromophenol
 Concen: 84.660 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.01 min
 Lab File: BG033508.D
 Acq: 3 Apr 2018 4:09

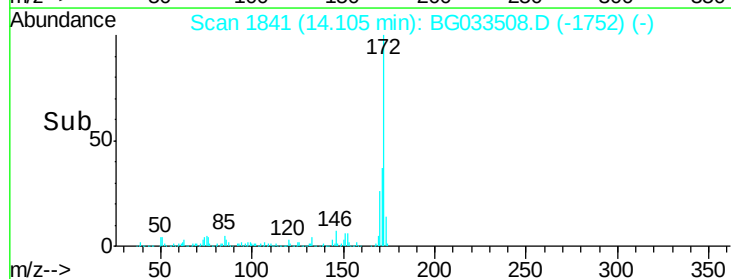
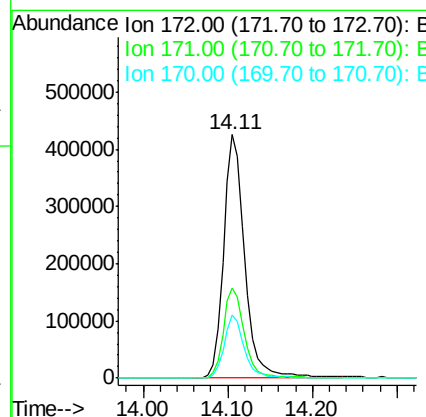
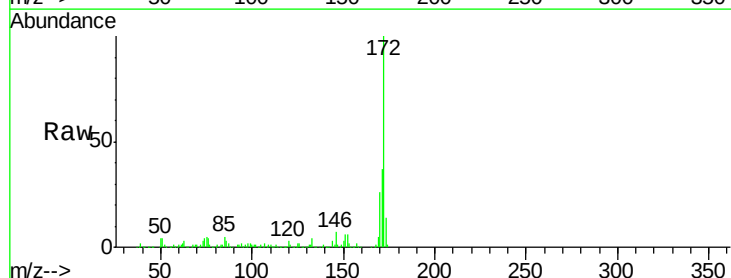
Instrument :
 BNA_G
 ClientSampleId :
 032718-DBRI-F-D-S

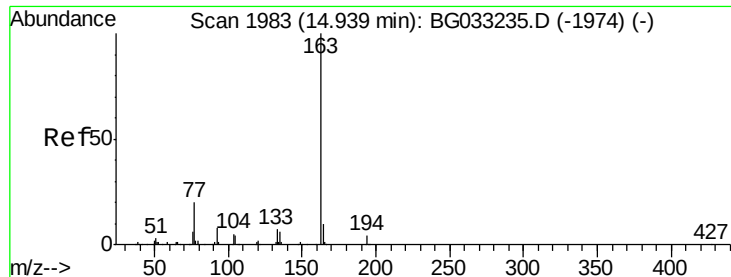
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	37.6	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 88.509 ng
 RT: 14.11 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BG033508.D
 Acq: 3 Apr 2018 4:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.0	45.0
170	26.2	19.5	29.3





#49

Dimethylphthalate

Concen: 3.811 ng

RT: 14.90 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BG033508.D

Acq: 3 Apr 2018 4:09

Instrument :

BNA_G

ClientSampleId :

032718-DBRI-F-D-S

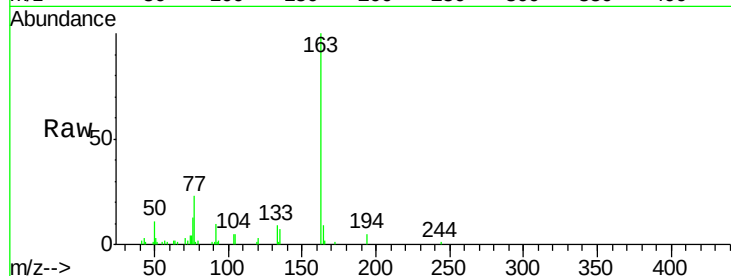
Tot Ion:163 Resp: 40143

Ion Ratio Lower Upper

163 100

194 4.9 3.4 5.2

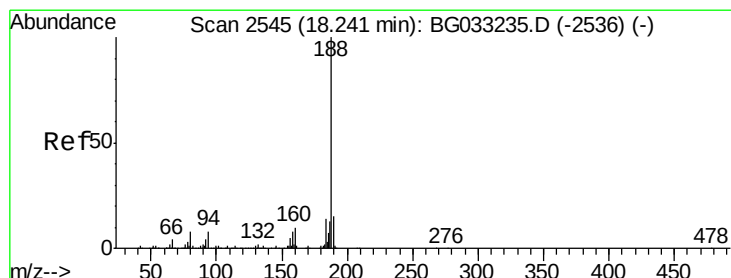
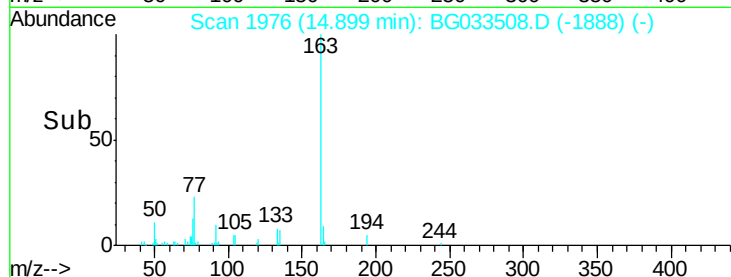
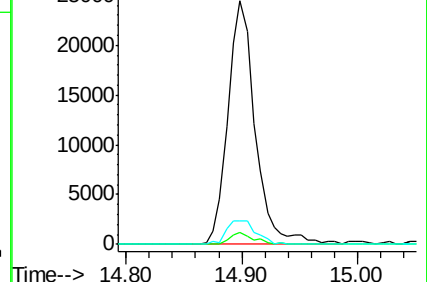
164 9.4 8.2 12.4



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: 20.000 ng

RT: 18.21 min Scan# 2539

Delta R.T. -0.01 min

Lab File: BG033508.D

Acq: 3 Apr 2018 4:09

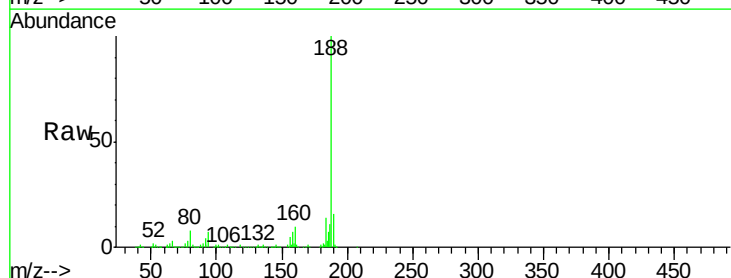
Tgt Ion:188 Resp: 338993

Ion Ratio Lower Upper

188 100

94 6.6 6.9 10.3#

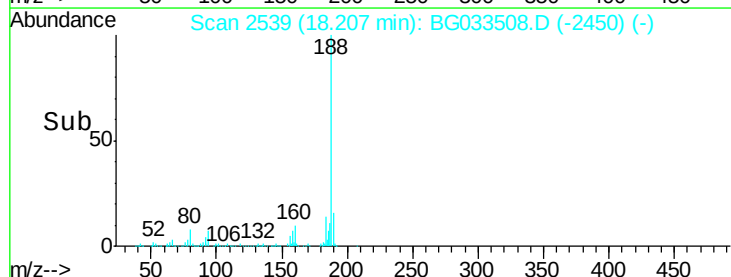
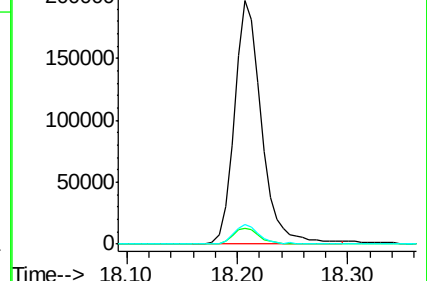
80 8.2 7.7 11.5

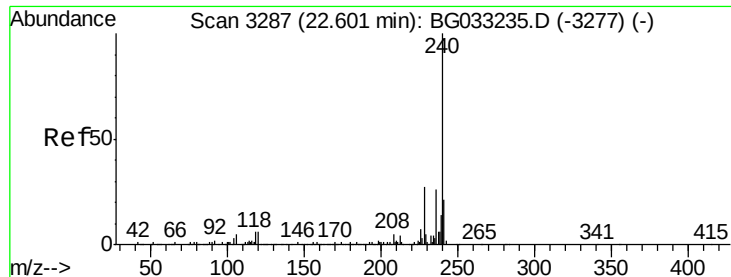


Abundance Ion 188.00 (187.70 to 188.70): E

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# 3279

Delta R.T. -0.01 min

Lab File: BG033508.D

Acq: 3 Apr 2018 4:09

Instrument :

BNA_G

ClientSampleId :

032718-DBRI-F-D-S

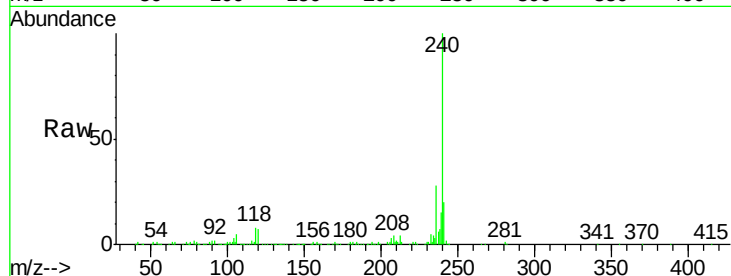
Tot Ion:240 Resp: 337560

Ion Ratio Lower Upper

240 100

120 6.8 6.8 10.2#

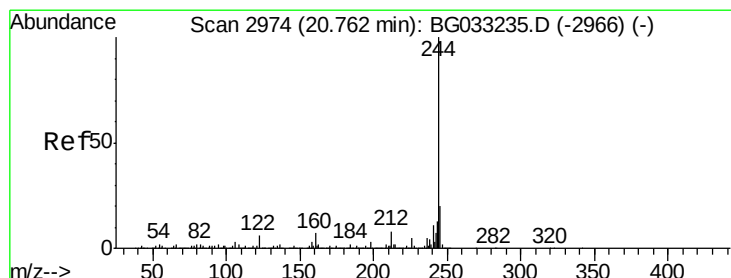
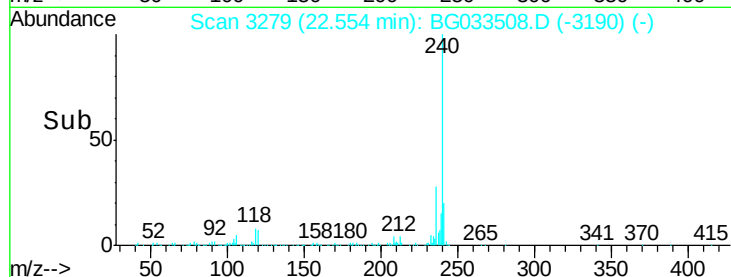
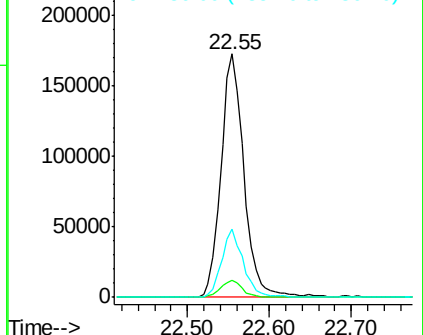
236 27.8 20.9 31.3



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: 84.553 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.01 min

Lab File: BG033508.D

Acq: 3 Apr 2018 4:09

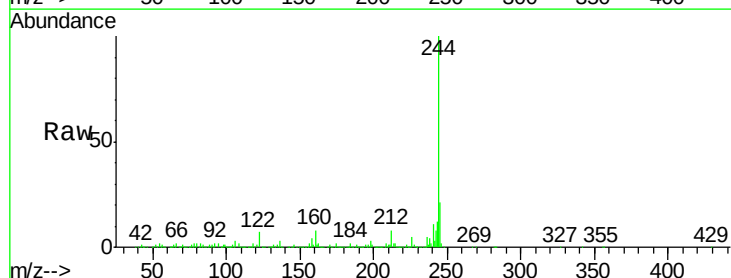
Tgt Ion:244 Resp: 1334600

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

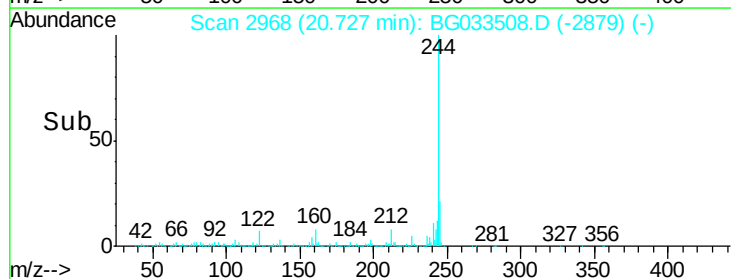
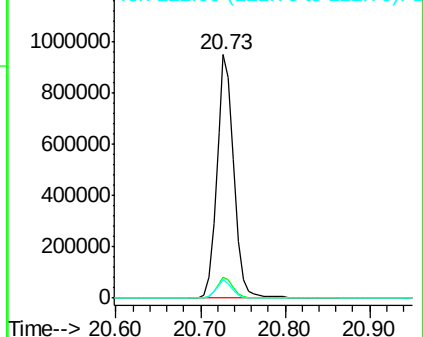
122 7.3 7.0 10.4

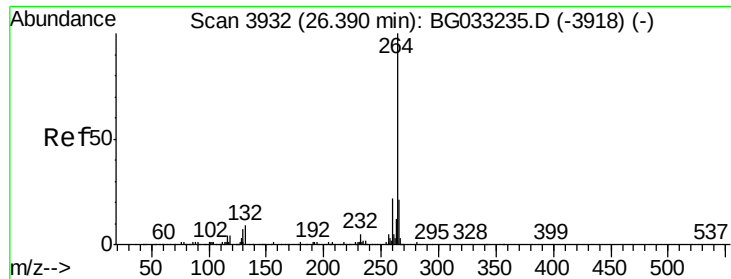


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.32 min Scan# 3920
Delta R.T. -0.01 min
Lab File: BG033508.D
Acq: 3 Apr 2018 4:09

Instrument :
BNA_G
ClientSampleId :
032718-DBRI-F-D-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.5	17.4	26.0
265	20.2	17.7	26.5

