

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040318\
 Data File : BG033544.D
 Acq On : 4 Apr 2018 4:28
 Operator : SJ/JU
 Sample : J2177-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 032818-DBRI-F-D-B

Quant Time: Apr 04 05:58:39 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 03 14:50:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	28500	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	135527	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	120697	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	323549	20.00	ng	0.00
75) Chrysene-d12	22.55	240	320670	20.00	ng	0.00
86) Perylene-d12	26.33	264	337961	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	78677	51.76	ng	0.00
7) Phenol-d6	7.98	99	85546	32.76	ng	0.00
23) Nitrobenzene-d5	10.06	82	324296	109.94	ng	0.00
41) 2,4,6-Tribromophenol	16.96	330	170080	94.22	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	809436	96.82	ng	0.00
78) Terphenyl-d14	20.73	244	1451655	96.81	ng	0.00

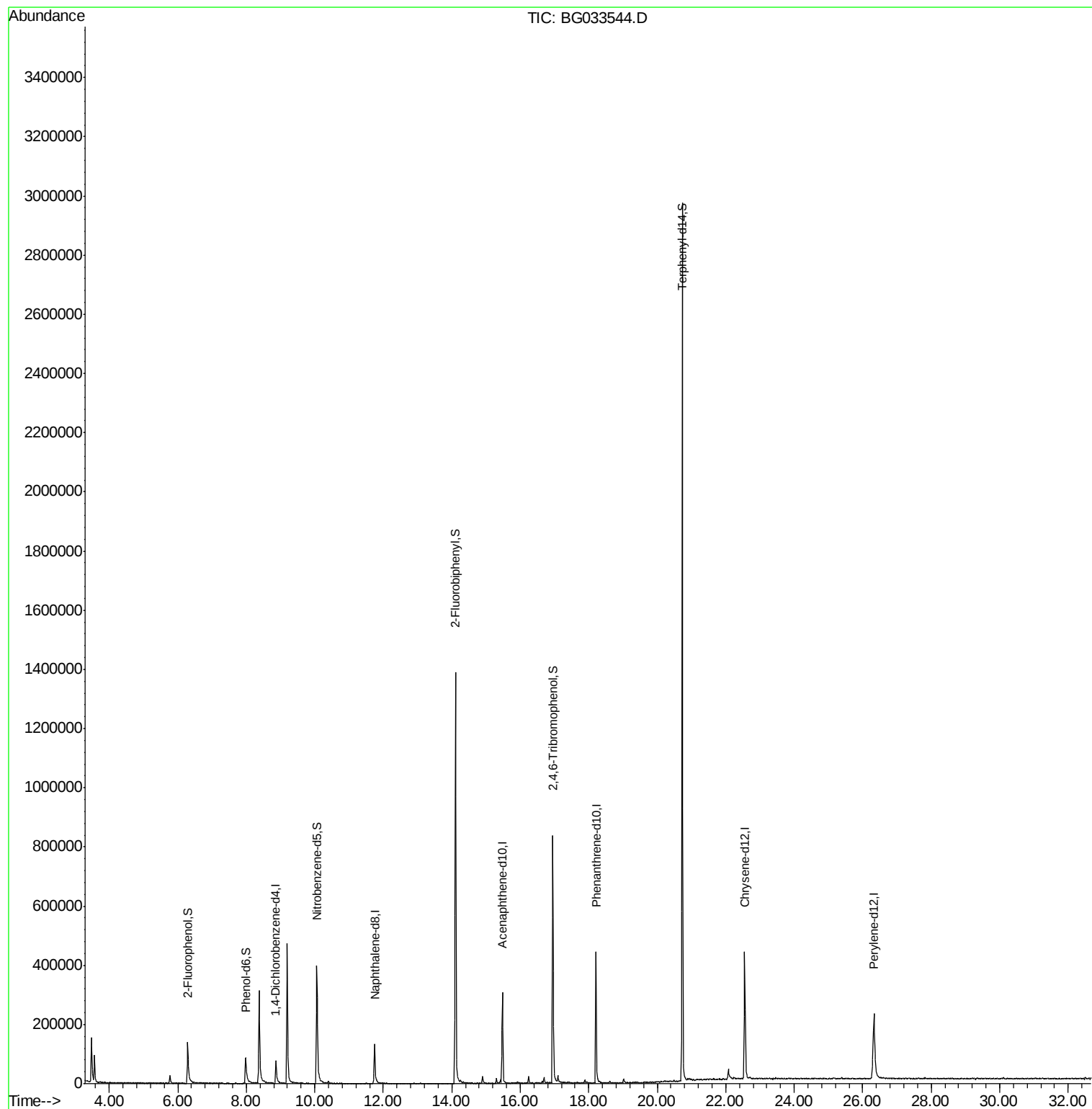
Target Compounds Qvalue

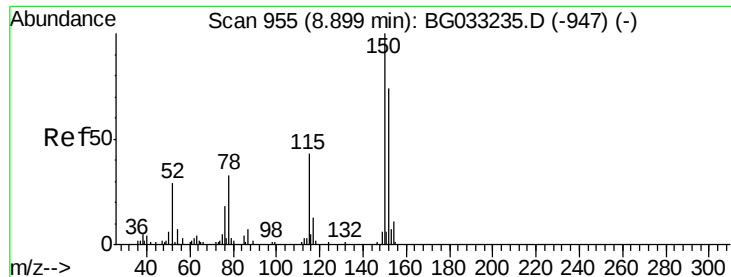
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040318\
Data File : BG033544.D
Acq On : 4 Apr 2018 4:28
Operator : SJ/JU
Sample : J2177-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
032818-DBRI-F-D-B

Quant Time: Apr 04 05:58:39 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 03 14:50:26 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.86 min Scan# 949

Delta R.T. -0.00 min

Lab File: BG033544.D

Acq: 4 Apr 2018 4:28

Instrument :

BNA_G

ClientSampleId :

032818-DBRI-F-D-B

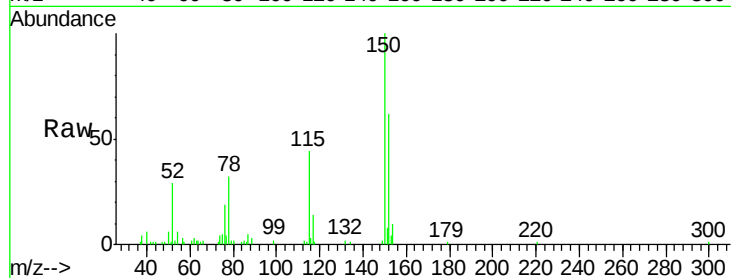
Tot Ion:152 Resp: 28500

Ion Ratio Lower Upper

152 100

150 160.0 126.6 189.8

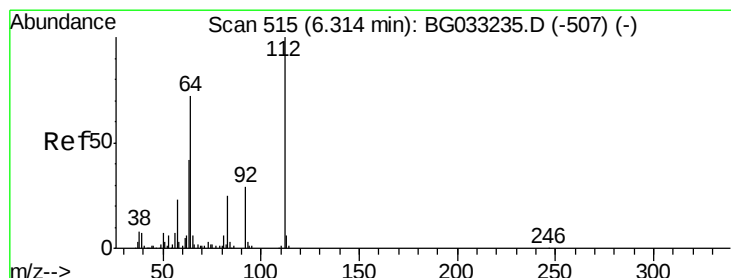
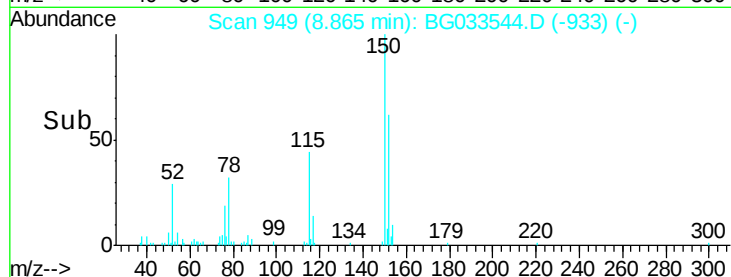
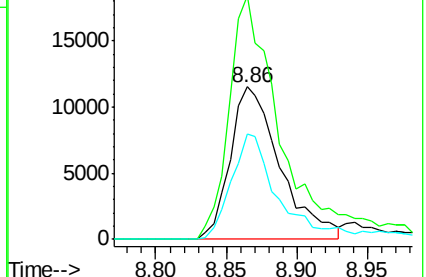
115 69.7 53.0 79.4



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: 51.765 ng

RT: 6.29 min Scan# 511

Delta R.T. 0.00 min

Lab File: BG033544.D

Acq: 4 Apr 2018 4:28

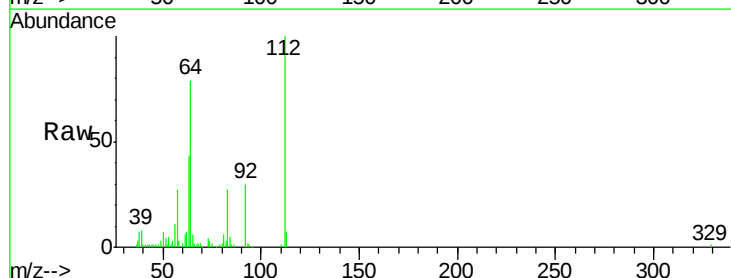
Tgt Ion:112 Resp: 78677

Ion Ratio Lower Upper

112 100

64 78.6 56.3 84.5

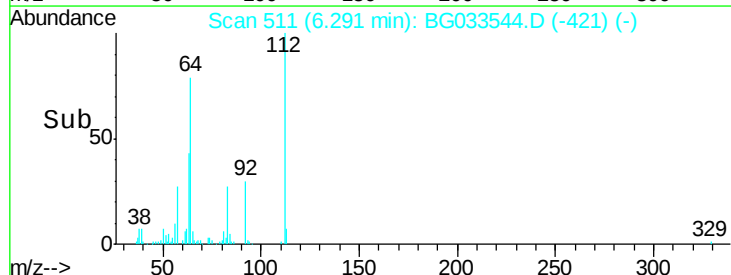
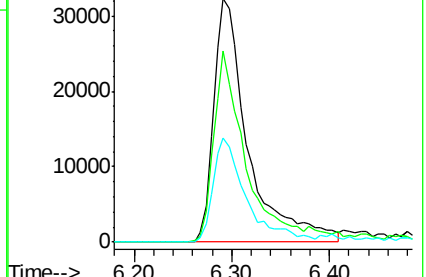
63 43.0 30.1 45.1

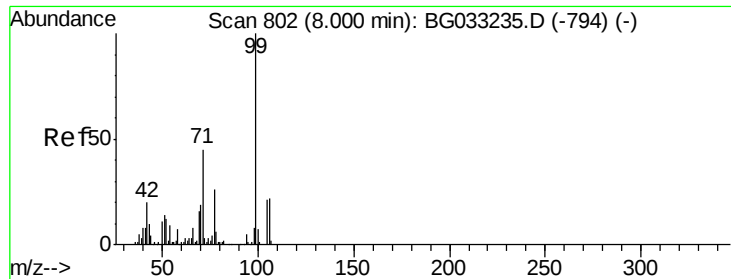


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 32.757 ng

RT: 7.98 min Scan# 799

Delta R.T. 0.00 min

Lab File: BG033544.D

Acq: 4 Apr 2018 4:28

Instrument :

BNA_G

ClientSampleId :

032818-DBRI-F-D-B

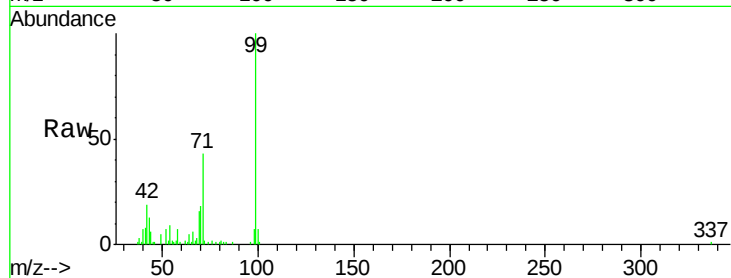
Tot Ion: 99 Resp: 85546

Ion Ratio Lower Upper

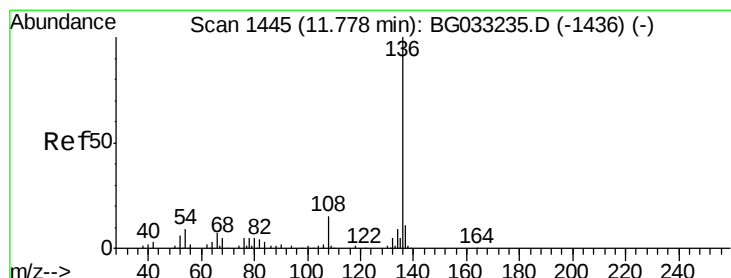
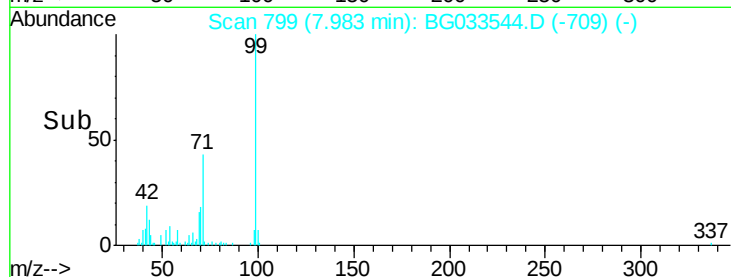
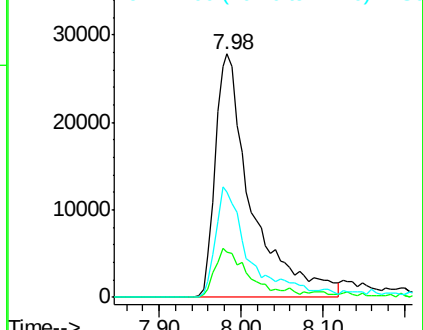
99 100

42 18.5 14.1 21.1

71 43.5 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: 11.75 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BG033544.D

Acq: 4 Apr 2018 4:28

Tgt Ion: 136 Resp: 135527

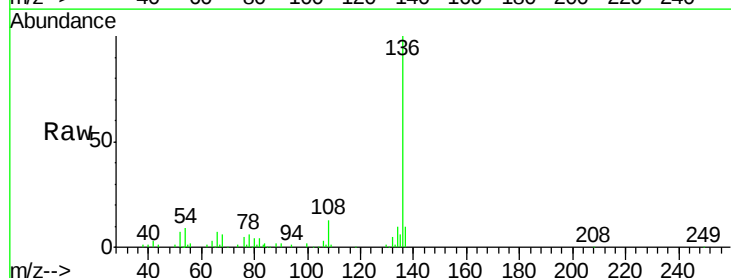
Ion Ratio Lower Upper

136 100

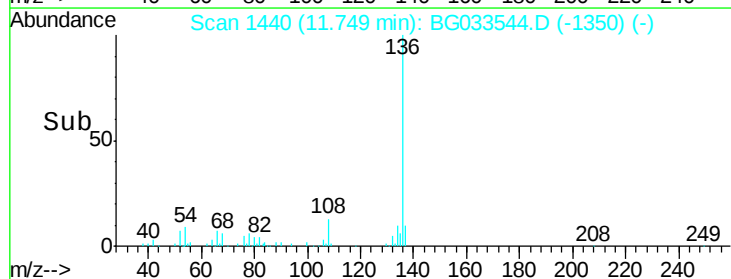
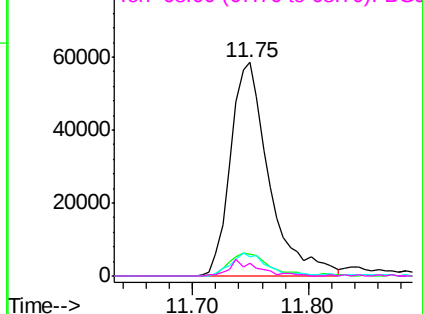
137 10.5 9.2 13.8

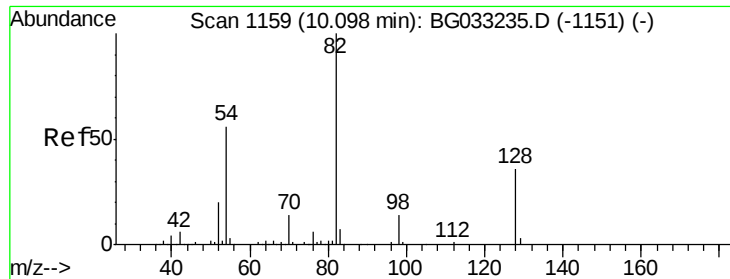
54 9.3 10.3 15.5#

68 6.3 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

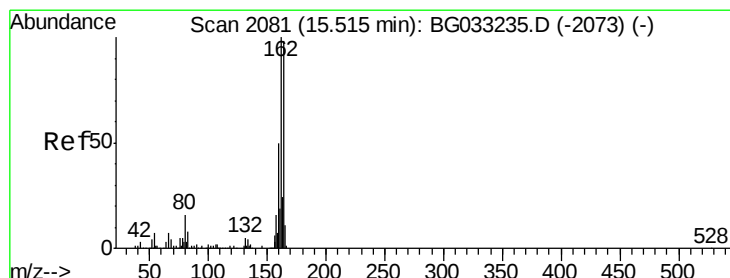
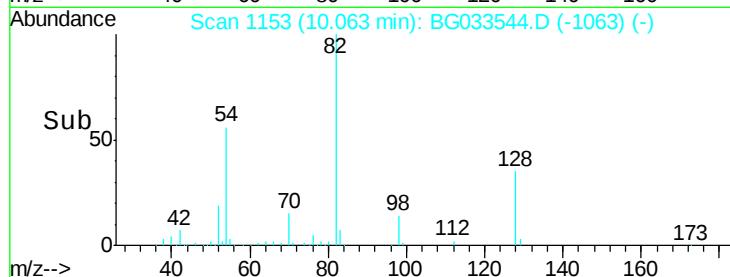
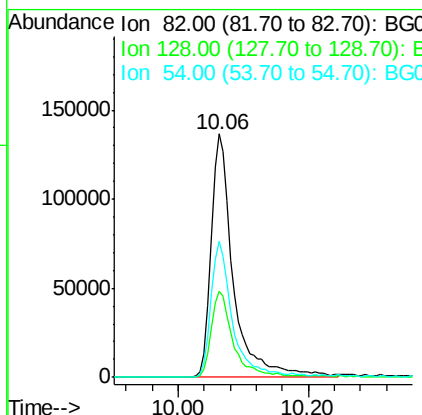
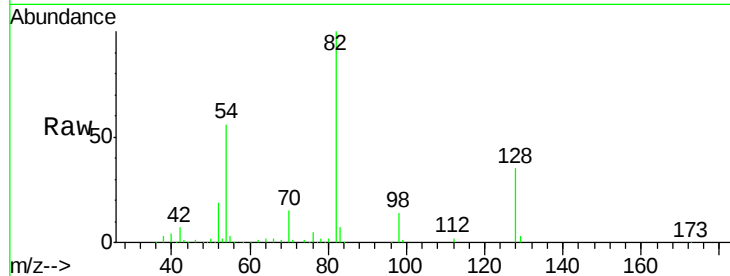




#23
 Nitrobenzene-d5
 Concen: 109.937 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BG033544.D
 Acq: 4 Apr 2018 4:28

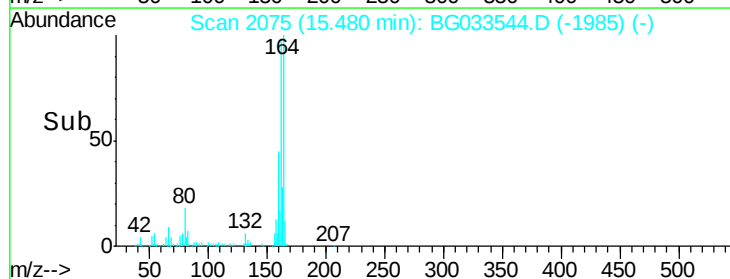
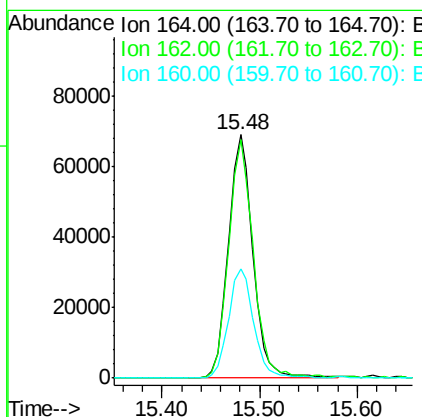
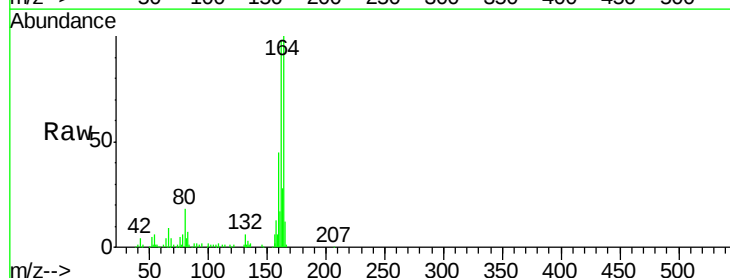
Instrument :
 BNA_G
 ClientSampleId :
 032818-DBRI-F-D-B

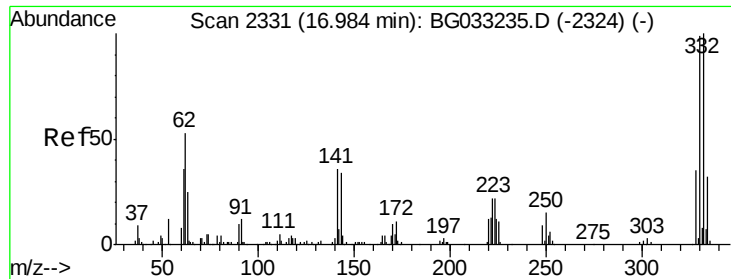
Tot Ion	82	Resp	324296
Ion Ratio	Lower	Upper	
82	100		
128	35.2	29.7	44.5
54	55.7	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. 0.00 min
 Lab File: BG033544.D
 Acq: 4 Apr 2018 4:28

Tgt Ion	164	Resp	120697
Ion Ratio	Lower	Upper	
164	100		
162	97.8	78.8	118.2
160	44.6	35.4	53.0

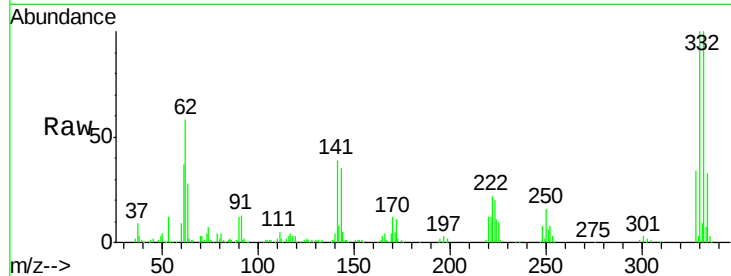




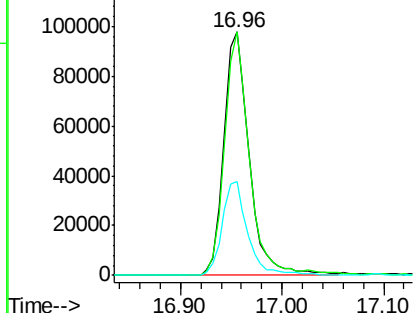
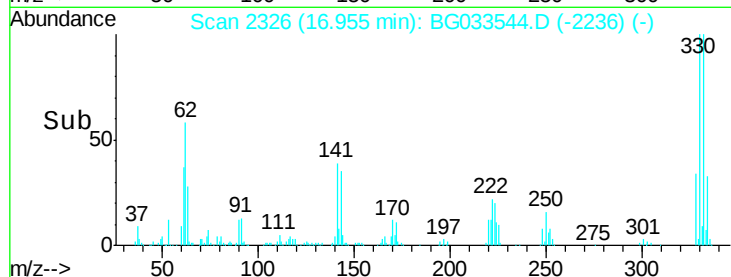
#41
 2,4,6-Tribromophenol
 Concen: 94.219 ng
 RT: 16.96 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: BG033544.D
 Acq: 4 Apr 2018 4:28

Instrument :
 BNA_G
 ClientSampleId :
 032818-DBRI-F-D-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.0	115.6
141	38.9	25.2	37.8#

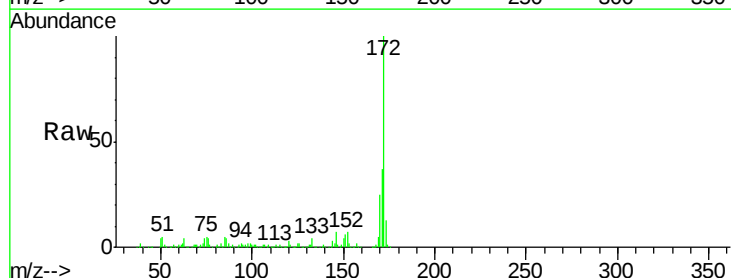


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

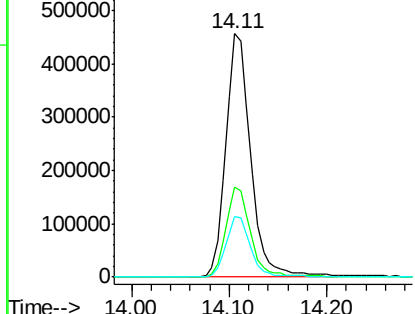
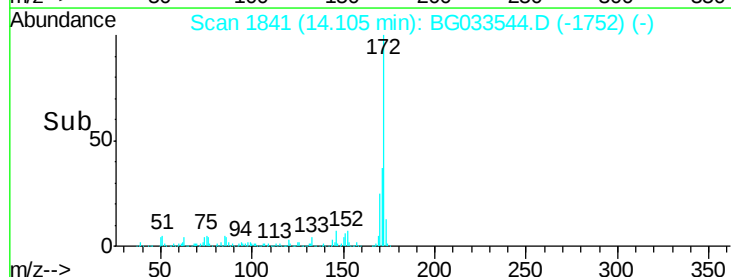


#44
 2-Fluorobiphenyl
 Concen: 96.815 ng
 RT: 14.11 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BG033544.D
 Acq: 4 Apr 2018 4:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.0	45.0
170	24.7	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: 18.21 min Scan# 2540

Delta R.T. 0.00 min

Lab File: BG033544.D

Acq: 4 Apr 2018 4:28

Instrument :

BNA_G

ClientSampleId :

032818-DBRI-F-D-B

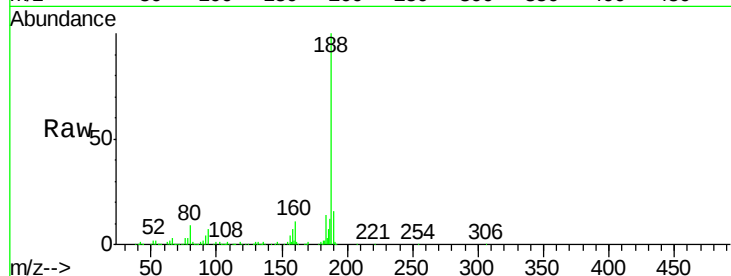
Tot Ion:188 Resp: 323549

Ion Ratio Lower Upper

188 100

94 7.4 6.9 10.3

80 8.7 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B

250000

200000

150000

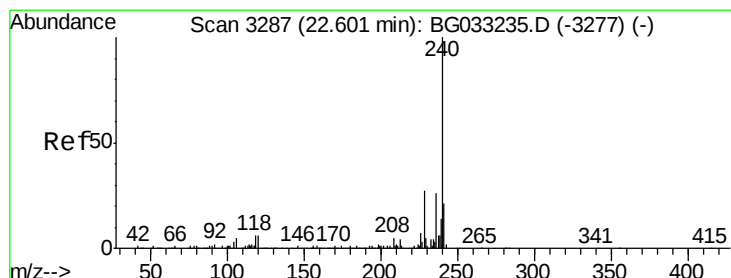
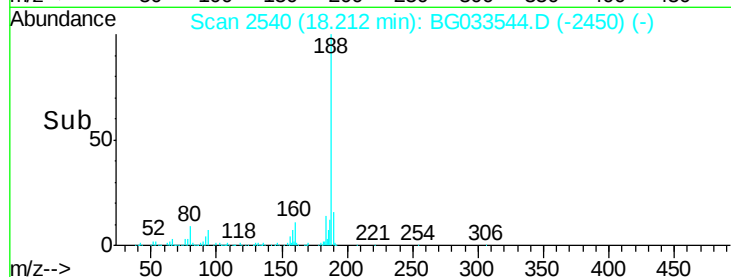
100000

50000

0

18.20 18.21 18.30

Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3279

Delta R.T. 0.00 min

Lab File: BG033544.D

Acq: 4 Apr 2018 4:28

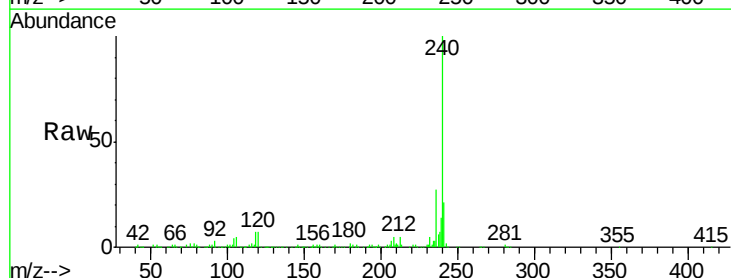
Tgt Ion:240 Resp: 320670

Ion Ratio Lower Upper

240 100

120 7.4 6.8 10.2

236 26.7 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

200000

150000

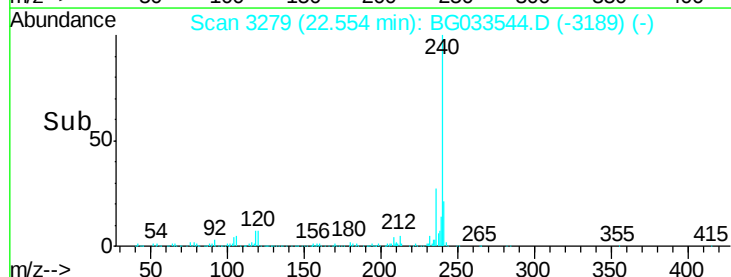
100000

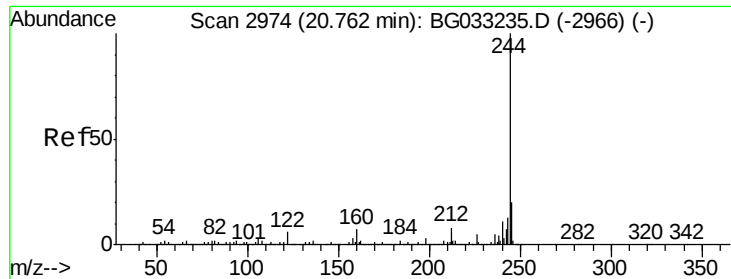
50000

0

22.50 22.55 22.60

Time-->





#78

Terphenyl-d14

Concen: 96.813 ng

RT: 20.73 min Scan# 2969

Delta R.T. 0.00 min

Lab File: BG033544.D

Acq: 4 Apr 2018 4:28

Instrument :

BNA_G

ClientSampleId :

032818-DBRI-F-D-B

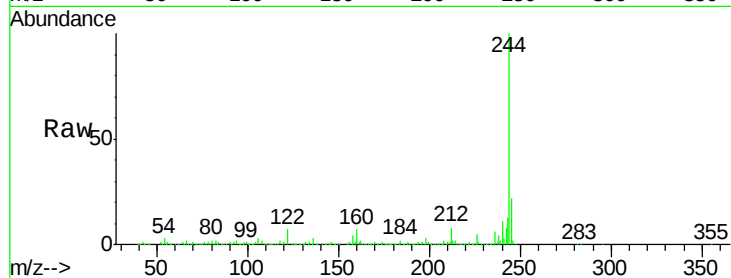
Tot Ion:244 Resp: 1451655

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

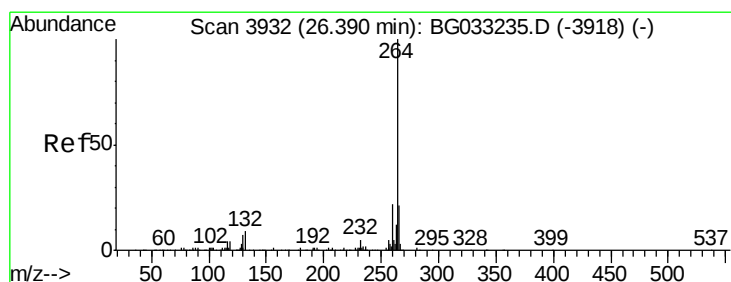
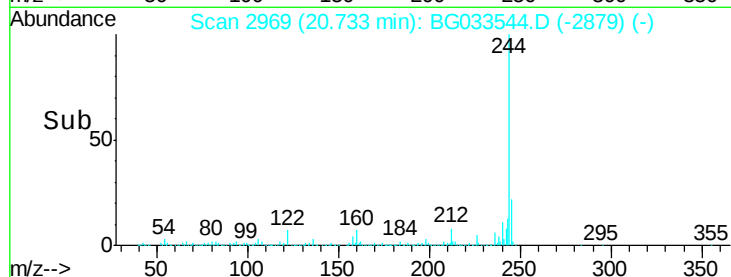
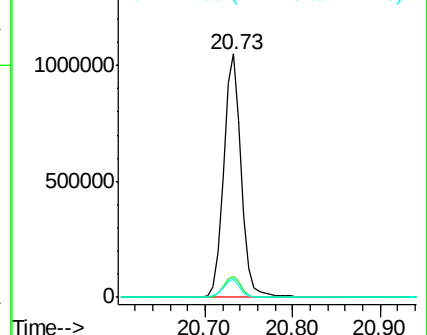
122 7.3 7.0 10.4



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

Perylene-d12

Concen: 20.000 ng

RT: 26.33 min Scan# 3921

Delta R.T. 0.01 min

Lab File: BG033544.D

Acq: 4 Apr 2018 4:28

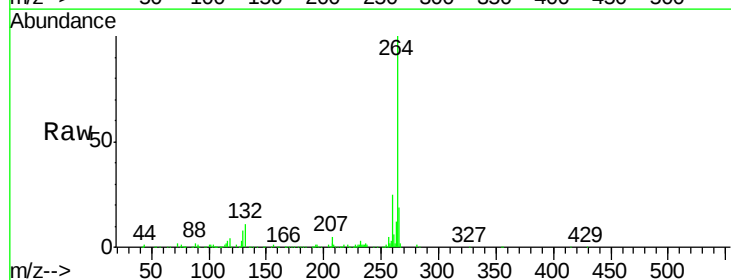
Tgt Ion:264 Resp: 337961

Ion Ratio Lower Upper

264 100

260 24.7 17.4 26.0

265 18.6 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

