

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040318\
 Data File : BG033548.D
 Acq On : 4 Apr 2018 6:59
 Operator : SJ/JU
 Sample : J2177-05
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 032818-DBRI-F-U-M

Quant Time: Apr 04 07:58:14 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

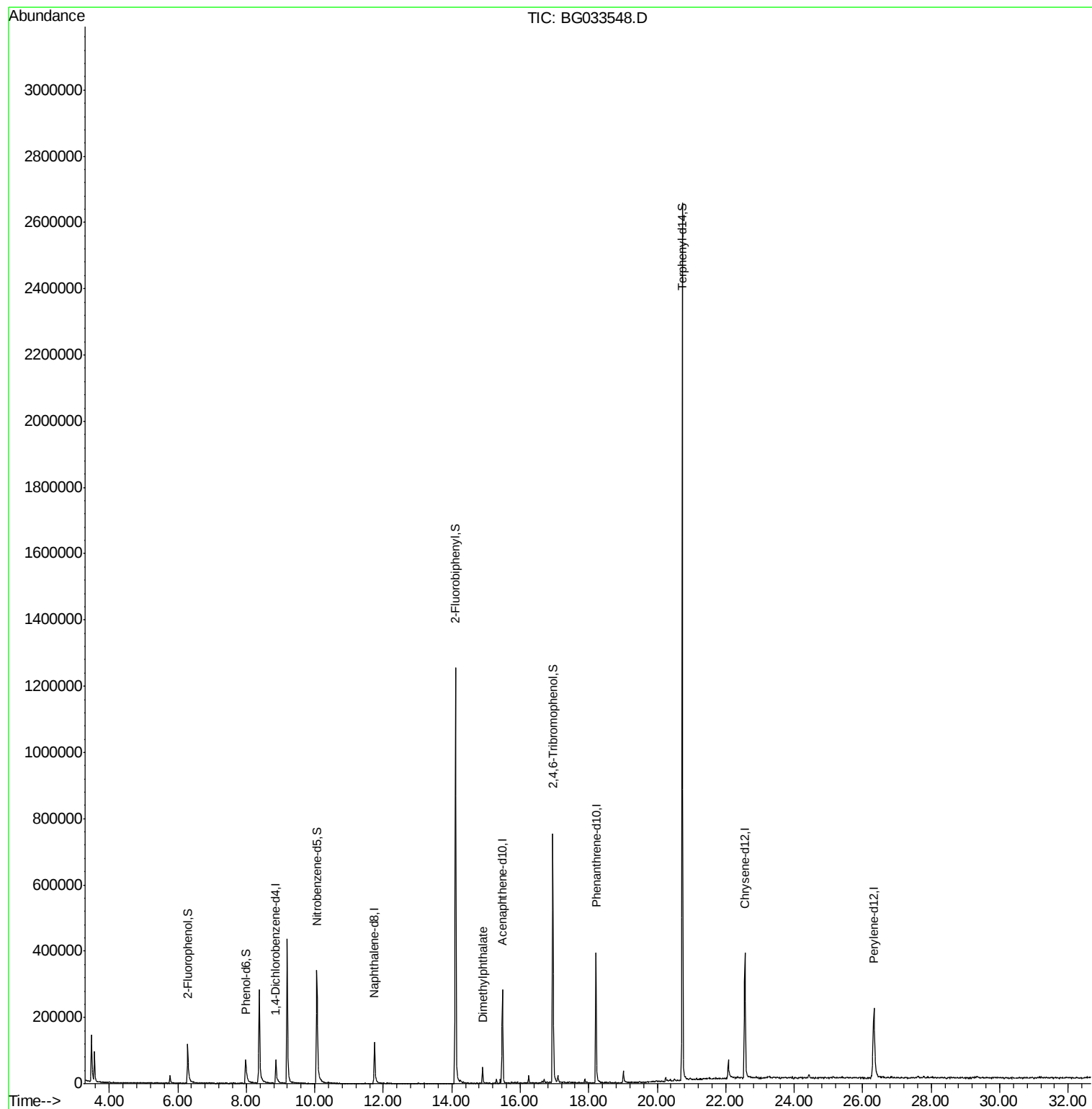
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	27339	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	128327	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	110643	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	294568	20.00	ng	0.00
75) Chrysene-d12	22.56	240	298014	20.00	ng	0.00
86) Perylene-d12	26.32	264	307725	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	65767	45.11	ng	0.00
7) Phenol-d6	7.98	99	70225	28.03	ng	0.00
23) Nitrobenzene-d5	10.06	82	285423	102.19	ng	0.00
41) 2,4,6-Tribromophenol	16.96	330	151649	91.64	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	734474	95.83	ng	0.00
78) Terphenyl-d14	20.73	244	1311118	94.09	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.90	163	33271	3.455	ng	Qvalue # 96

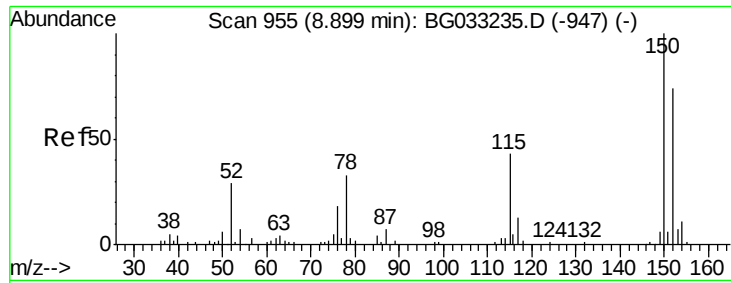
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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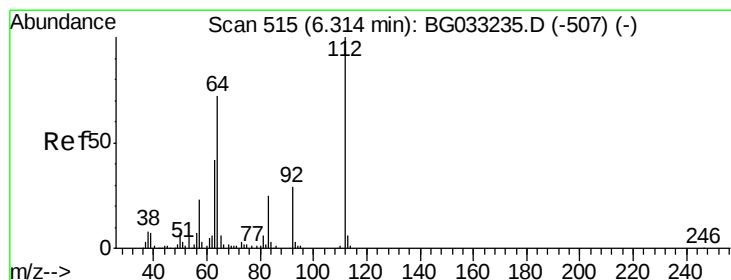
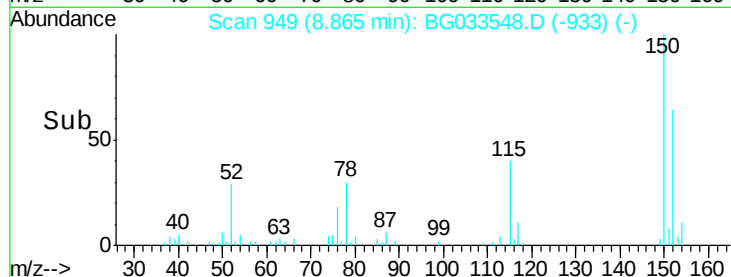
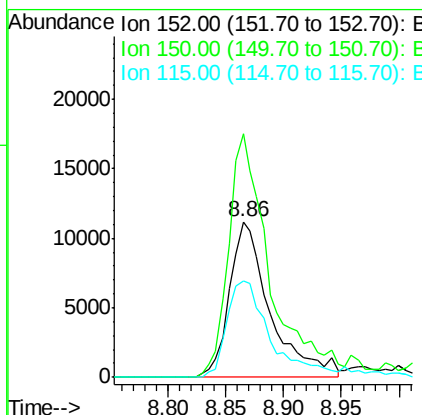
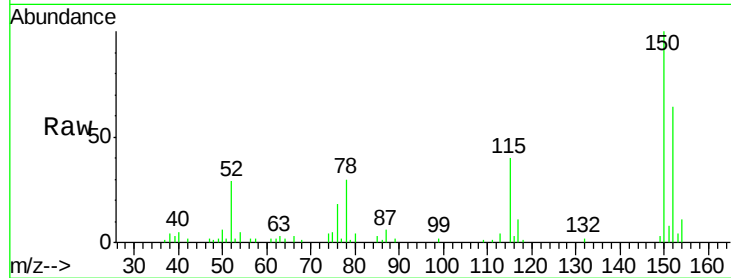




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.86 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: BG033548.D
 Acq: 4 Apr 2018 6:59

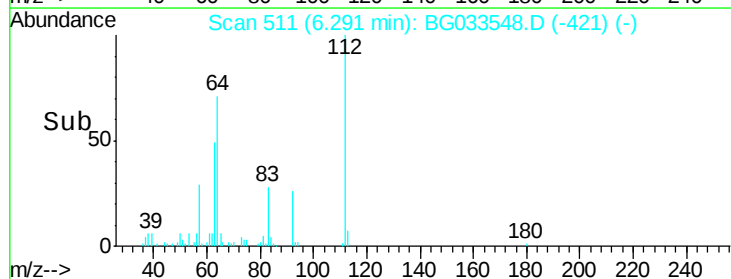
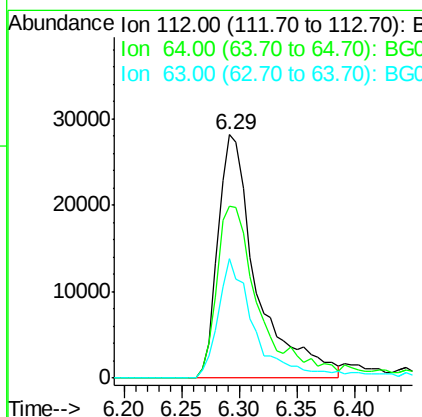
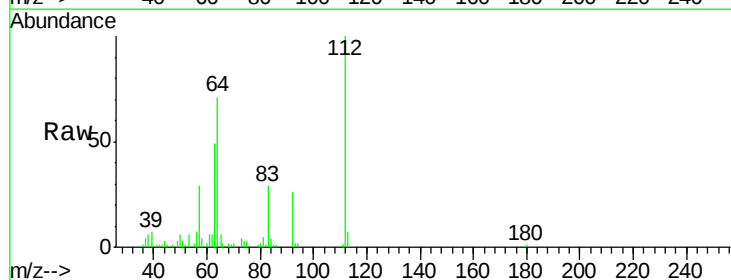
Instrument :
 BNA_G
 ClientSampleId :
 032818-DBRI-F-U-M

Tot Ion:152 Resp: 27339
 Ion Ratio Lower Upper
 152 100
 150 156.7 126.6 189.8
 115 62.4 53.0 79.4



#5
 2-Fluorophenol
 Concen: 45.108 ng
 RT: 6.29 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: BG033548.D
 Acq: 4 Apr 2018 6:59

Tgt Ion:112 Resp: 65767
 Ion Ratio Lower Upper
 112 100
 64 70.9 56.3 84.5
 63 48.8 30.1 45.1#





#7

Phenol-d6

Concen: 28.033 ng

RT: 7.98 min Scan# 798

Delta R.T. -0.00 min

Lab File: BG033548.D

Acq: 4 Apr 2018 6:59

Instrument :

BNA_G

ClientSampleId :

032818-DBRI-F-U-M

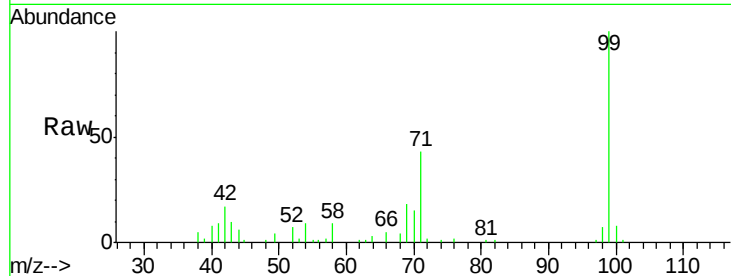
Tot Ion: 99 Resp: 70225

Ion Ratio Lower Upper

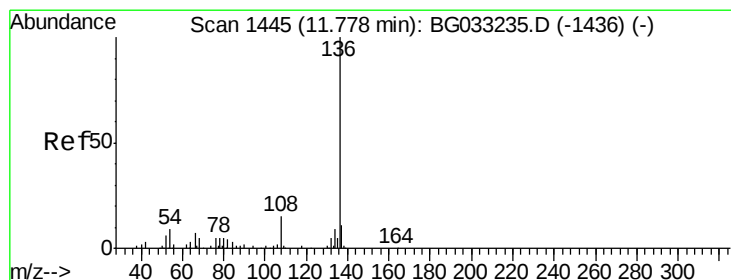
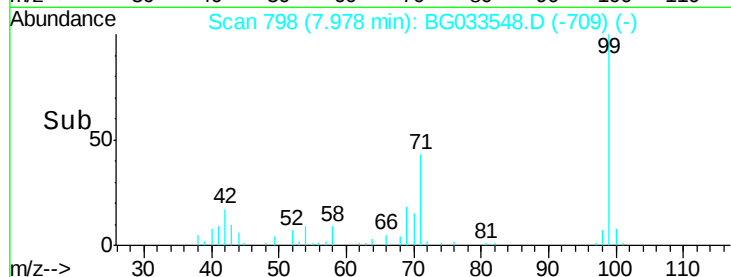
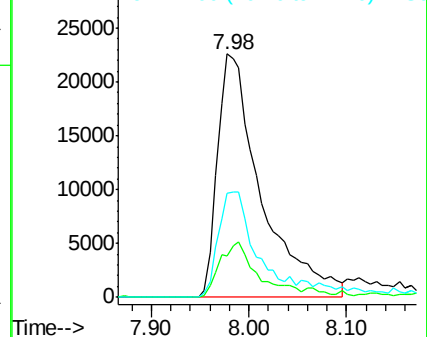
99 100

42 17.1 14.1 21.1

71 42.8 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. -0.00 min

Lab File: BG033548.D

Acq: 4 Apr 2018 6:59

Tgt Ion: 136 Resp: 128327

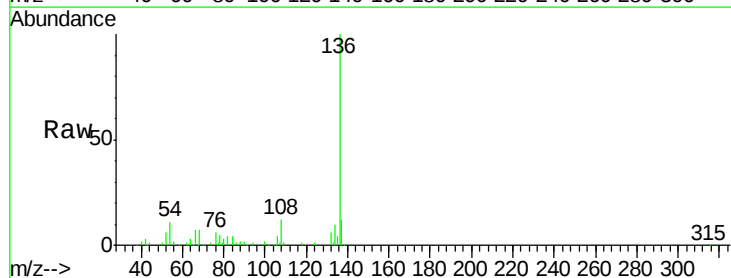
Ion Ratio Lower Upper

136 100

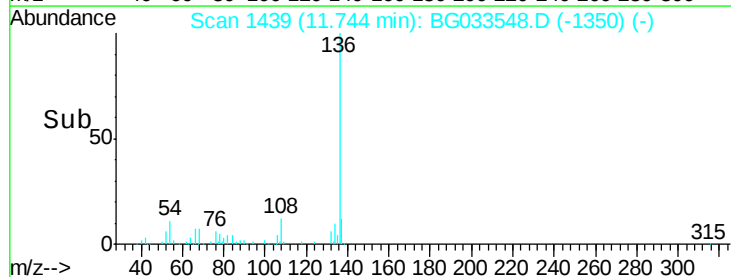
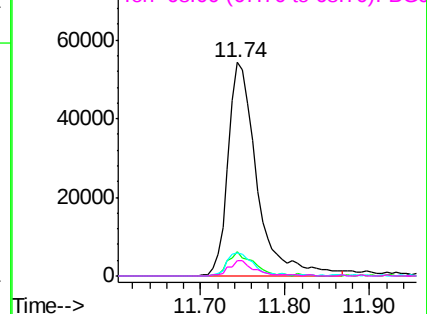
137 11.5 9.2 13.8

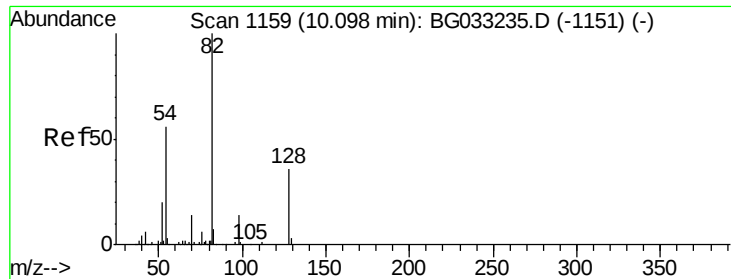
54 10.8 10.3 15.5

68 7.0 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: 102.188 ng

RT: 10.06 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BG033548.D

Acq: 4 Apr 2018 6:59

Instrument :

BNA_G

ClientSampleId :

032818-DBRI-F-U-M

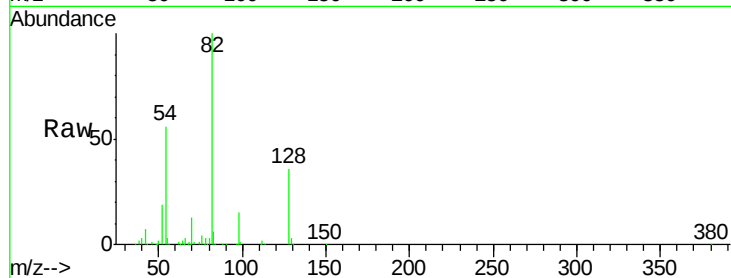
Tot Ion: 82 Resp: 285423

Ion Ratio Lower Upper

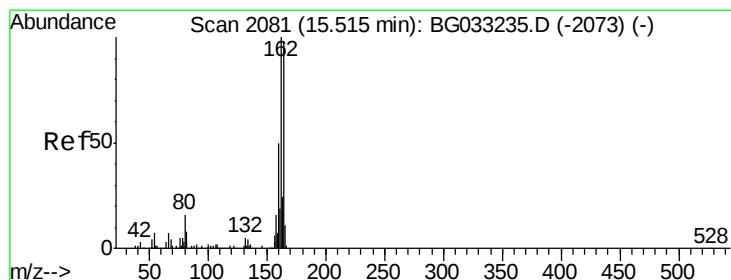
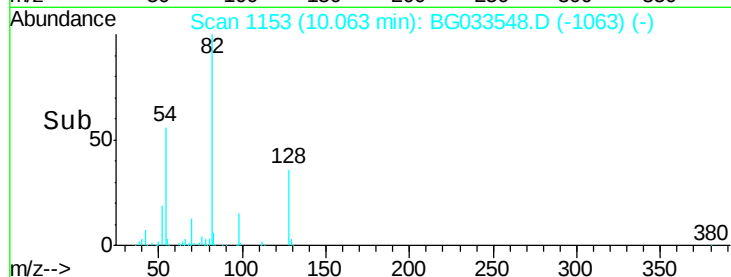
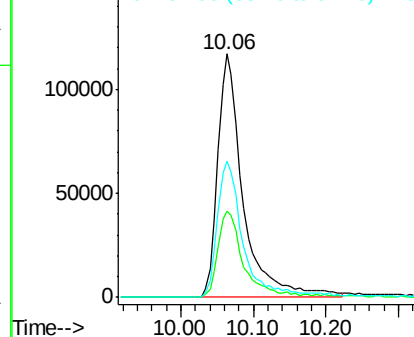
82 100

128 35.6 29.7 44.5

54 55.7 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. 0.00 min

Lab File: BG033548.D

Acq: 4 Apr 2018 6:59

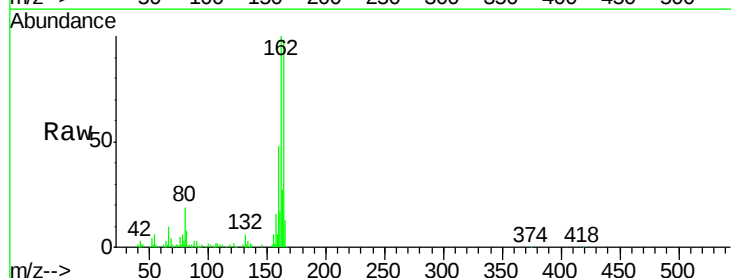
Tgt Ion: 164 Resp: 110643

Ion Ratio Lower Upper

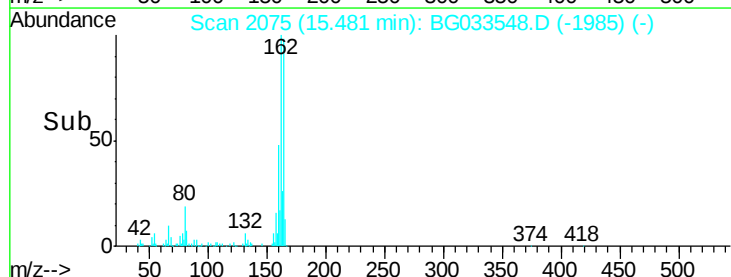
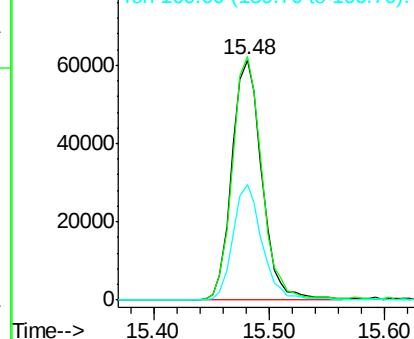
164 100

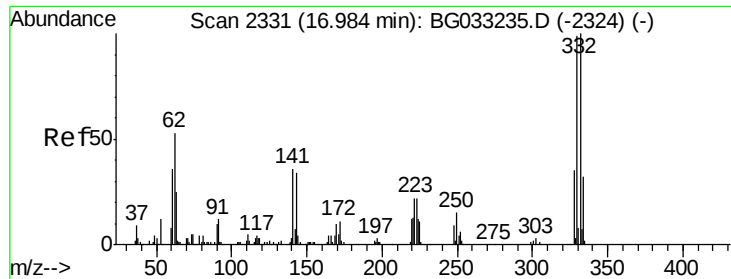
162 101.5 78.8 118.2

160 48.4 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

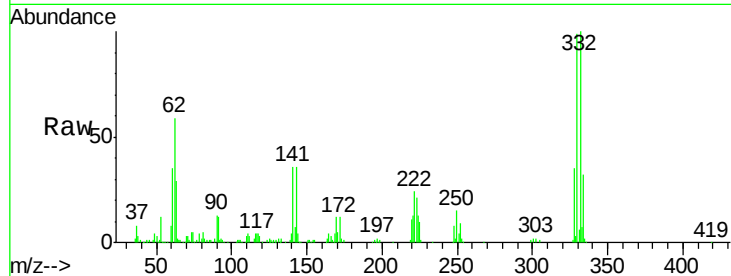




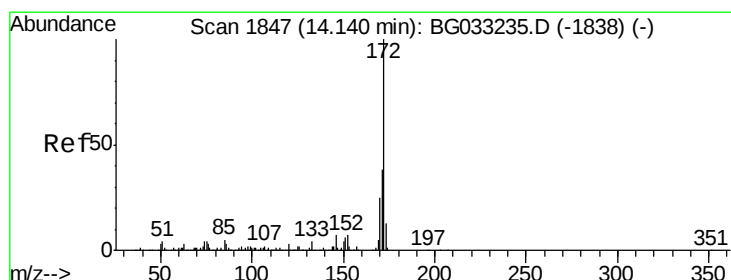
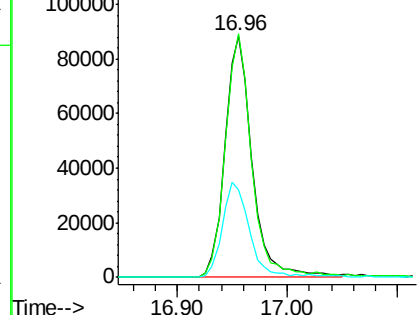
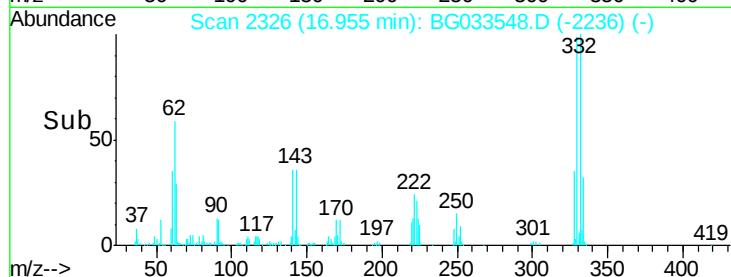
#41
 2,4,6-Tribromophenol
 Concen: 91.642 ng
 RT: 16.96 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: BG033548.D
 Acq: 4 Apr 2018 6:59

Instrument :
 BNA_G
 ClientSampleId :
 032818-DBRI-F-U-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.0	77.0	115.6
141	40.0	25.2	37.8#

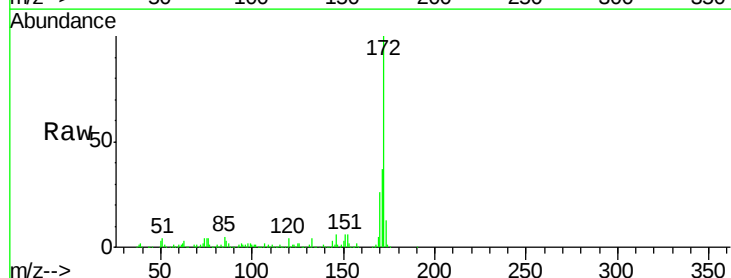


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

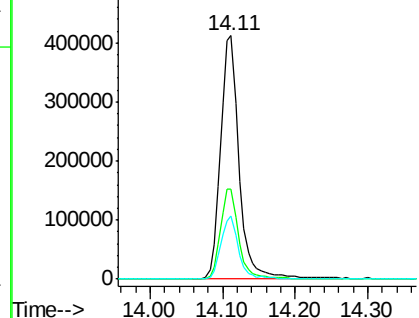
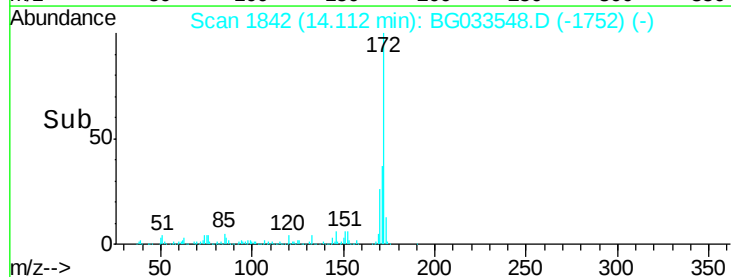


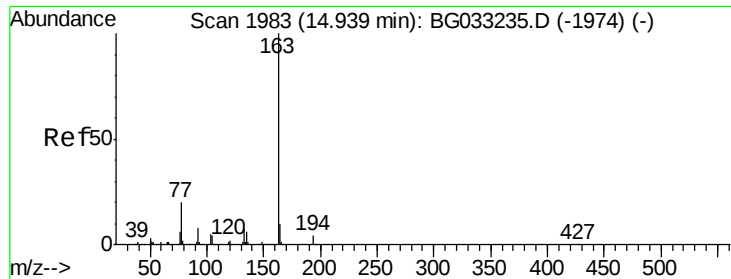
#44
 2-Fluorobiphenyl
 Concen: 95.832 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BG033548.D
 Acq: 4 Apr 2018 6:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.0	45.0
170	25.7	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





#49

Dimethylphthalate

Concen: 3.455 ng

RT: 14.90 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG033548.D

Acq: 4 Apr 2018 6:59

Instrument :

BNA_G

ClientSampleId :

032818-DBRI-F-U-M

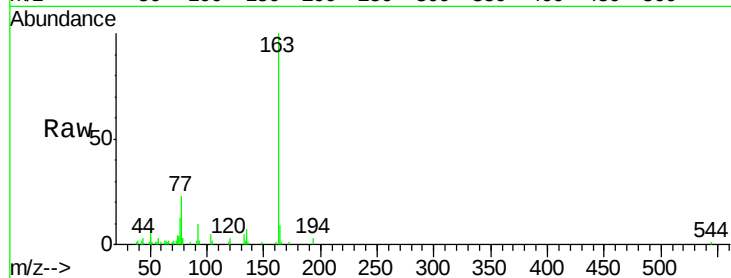
Tot Ion:163 Resp: 33271

Ion Ratio Lower Upper

163 100

194 2.9 3.4 5.2#

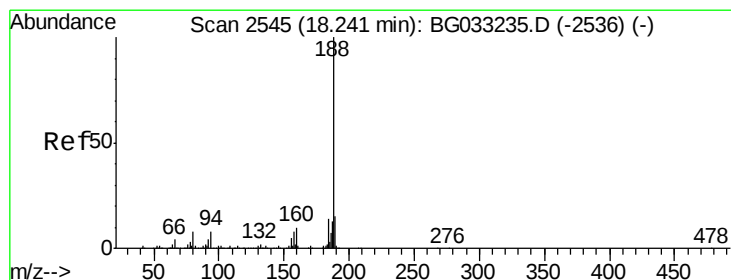
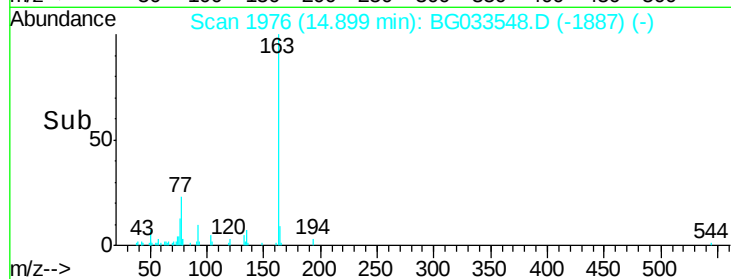
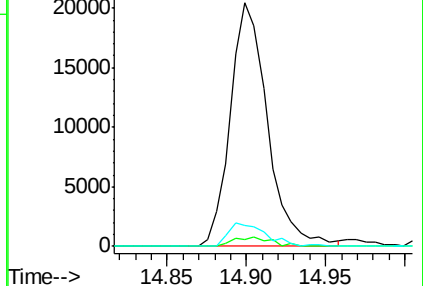
164 8.8 8.2 12.4



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# 2540

Delta R.T. 0.00 min

Lab File: BG033548.D

Acq: 4 Apr 2018 6:59

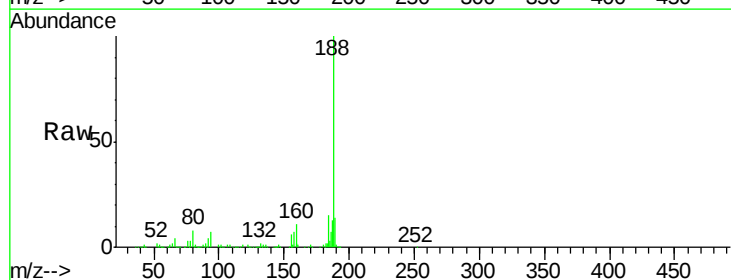
Tgt Ion:188 Resp: 294568

Ion Ratio Lower Upper

188 100

94 6.9 6.9 10.3

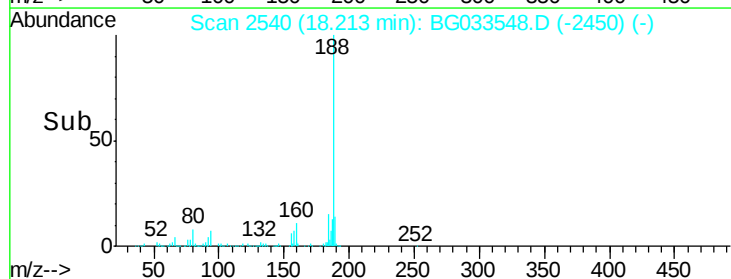
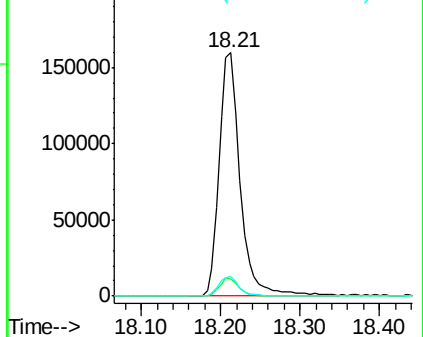
80 8.1 7.7 11.5

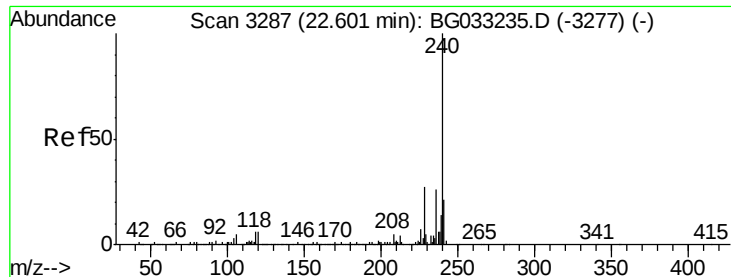


Abundance Ion 188.00 (187.70 to 188.70): E

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: 22.56 min Scan# 3280

Delta R.T. 0.01 min

Lab File: BG033548.D

Acq: 4 Apr 2018 6:59

Instrument :

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ClientSampleId :

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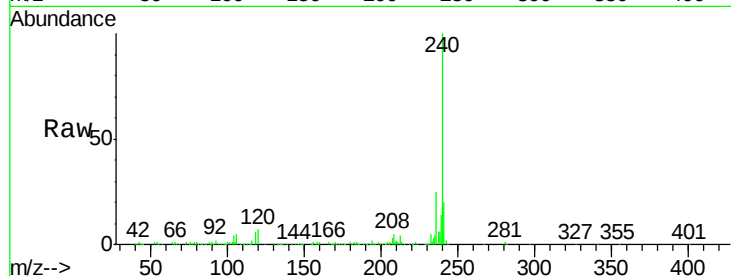
Tot Ion:240 Resp: 298014

Ion Ratio Lower Upper

240 100

120 7.2 6.8 10.2

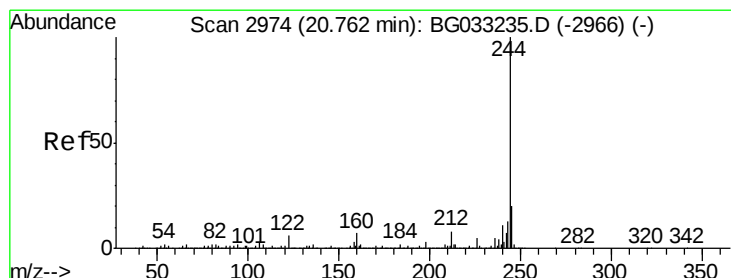
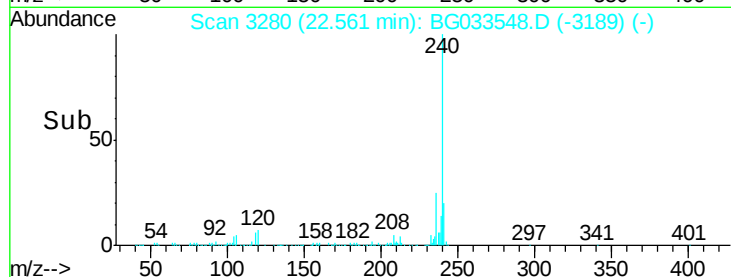
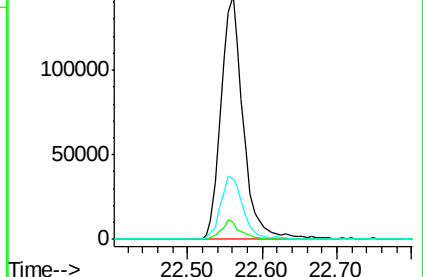
236 24.6 20.9 31.3



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: 94.088 ng

RT: 20.73 min Scan# 2969

Delta R.T. 0.00 min

Lab File: BG033548.D

Acq: 4 Apr 2018 6:59

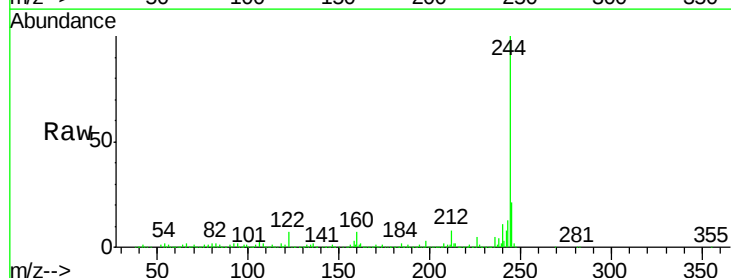
Tgt Ion:244 Resp: 1311118

Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.8

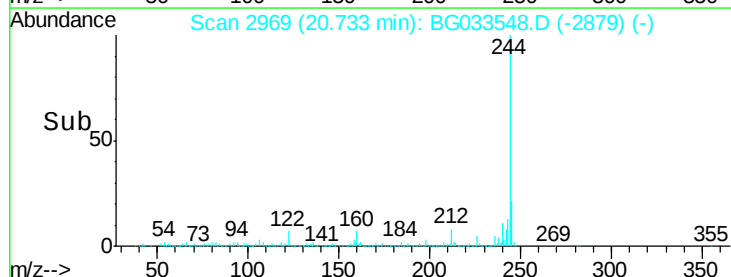
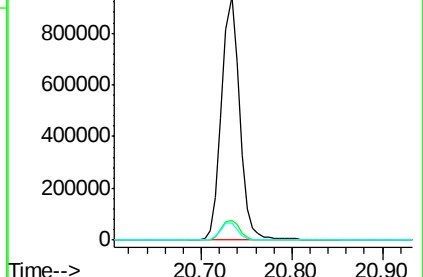
122 6.9 7.0 10.4#



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
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.32 min Scan# 3920
 Delta R.T. 0.00 min
 Lab File: BG033548.D
 Acq: 4 Apr 2018 6:59

Instrument :
 BNA_G
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.4	26.0
265	22.1	17.7	26.5

