

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040518\
 Data File : BG033620.D
 Acq On : 6 Apr 2018 8:44
 Operator : SJ/JU
 Sample : J2226-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

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

Quant Time: Apr 06 11:27:09 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

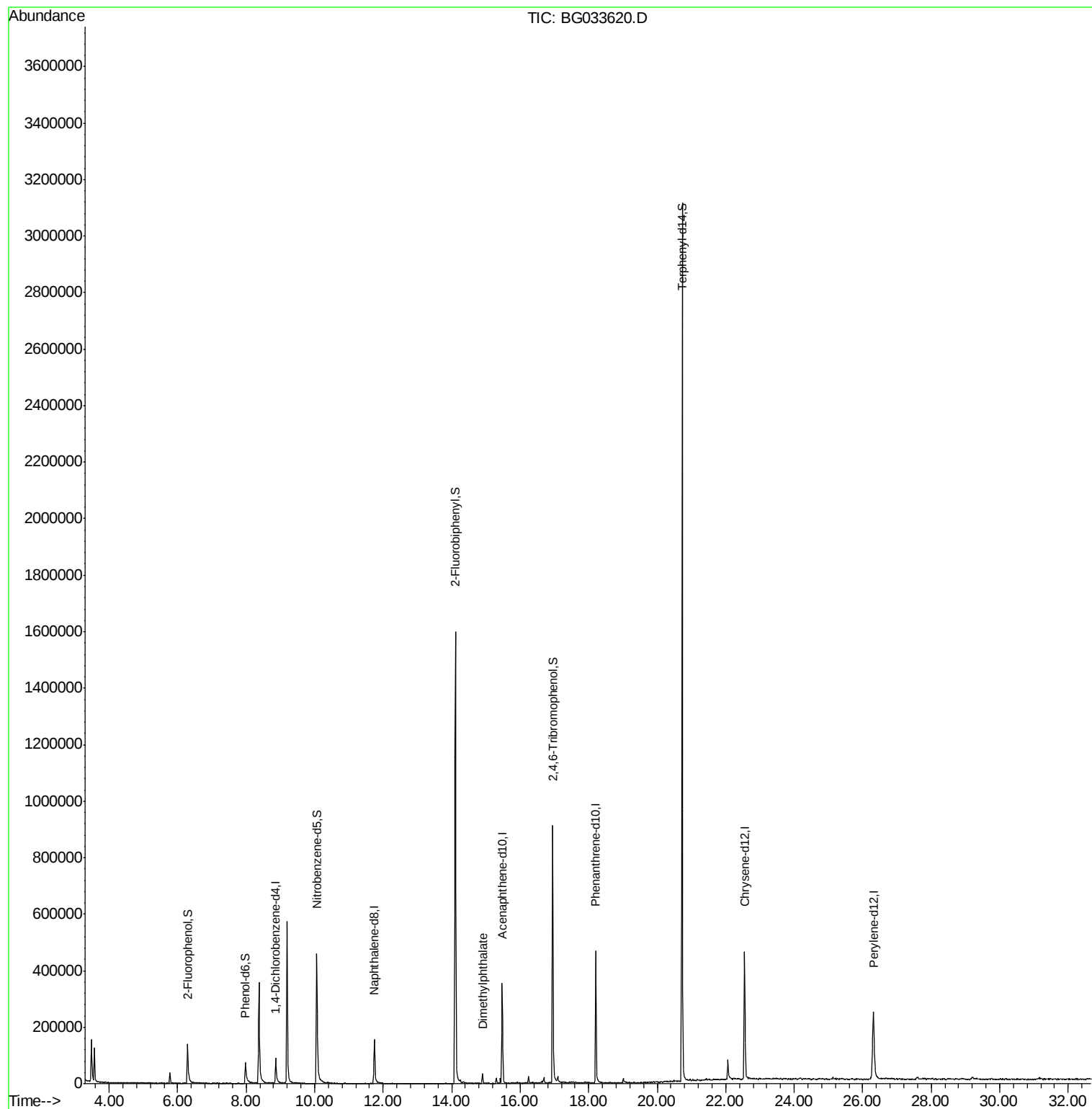
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	32532	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	163370	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	128806	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	337149	20.00	ng	0.00
75) Chrysene-d12	22.55	240	330263	20.00	ng	-0.01
86) Perylene-d12	26.31	264	334588	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	78845	45.45	ng	0.00
7) Phenol-d6	7.98	99	64773	21.73	ng	0.00
23) Nitrobenzene-d5	10.06	82	372084	104.64	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	167076	86.73	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	923259	103.48	ng	0.00
78) Terphenyl-d14	20.73	244	1499995	97.13	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.90	163	24582	2.193	ng	Qvalue # 97

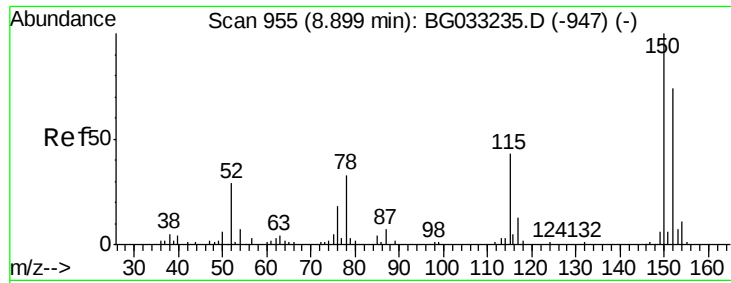
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.86 min Scan# 948

Delta R.T. -0.00 min

Lab File: BG033620.D

Acq: 6 Apr 2018 8:44

Instrument :

BNA_G

ClientSampleId :

040318-DBRI-E-D-B

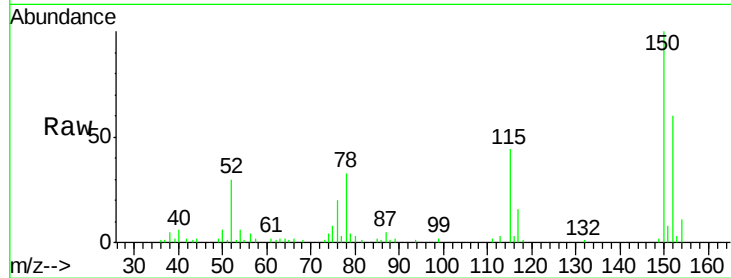
Tot Ion:152 Resp: 32532

Ion Ratio Lower Upper

152 100

150 166.0 126.6 189.8

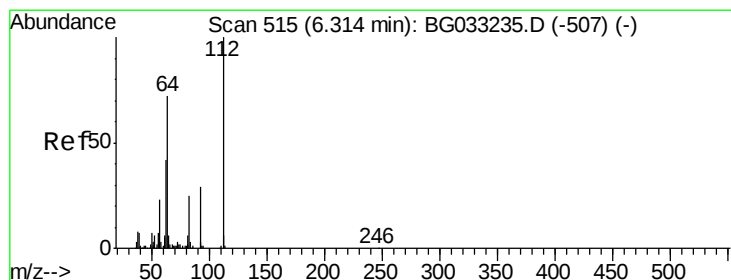
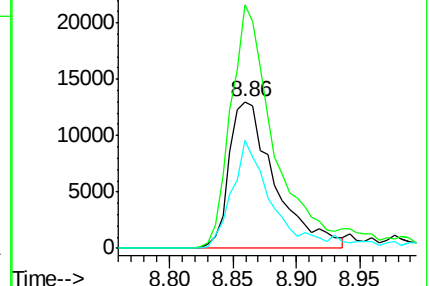
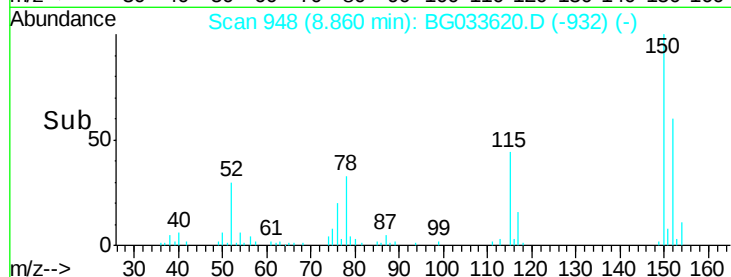
115 73.4 53.0 79.4



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: 45.446 ng

RT: 6.29 min Scan# 510

Delta R.T. -0.00 min

Lab File: BG033620.D

Acq: 6 Apr 2018 8:44

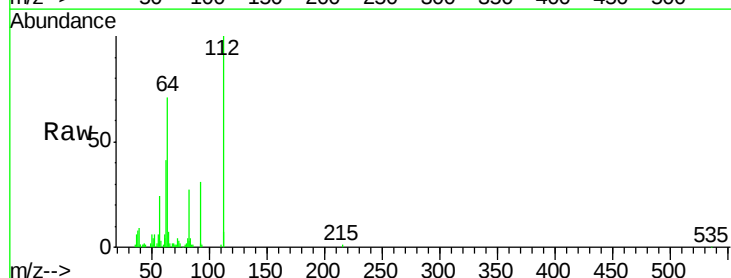
Tgt Ion:112 Resp: 78845

Ion Ratio Lower Upper

112 100

64 71.1 56.3 84.5

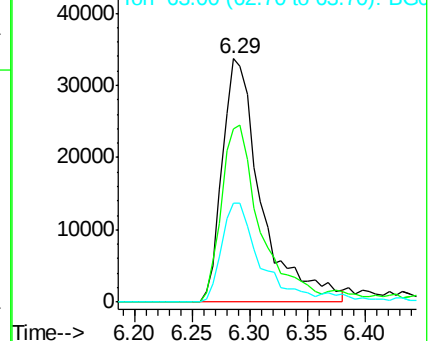
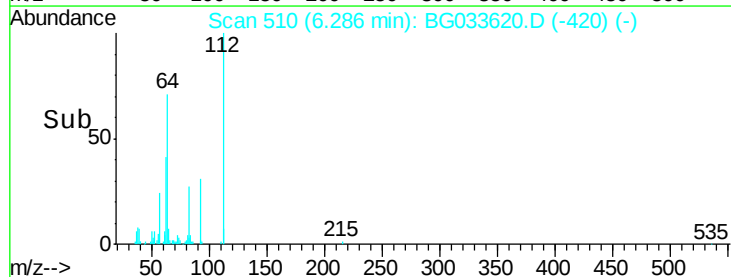
63 40.5 30.1 45.1

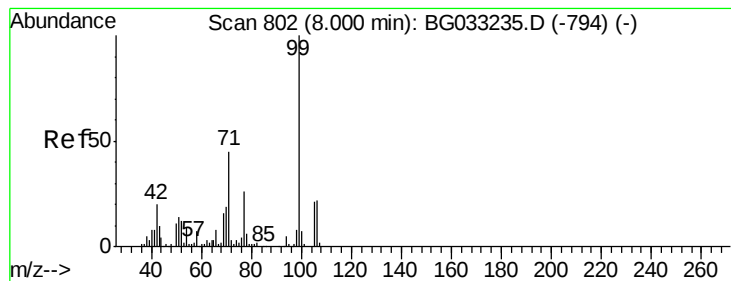


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 21.729 ng

RT: 7.98 min Scan# 798

Delta R.T. 0.01 min

Lab File: BG033620.D

Acq: 6 Apr 2018 8:44

Instrument :

BNA_G

ClientSampleId :

040318-DBRI-E-D-B

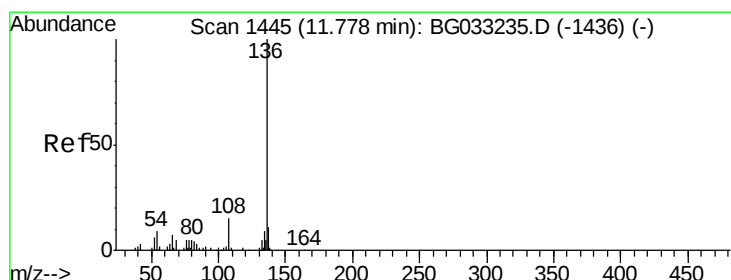
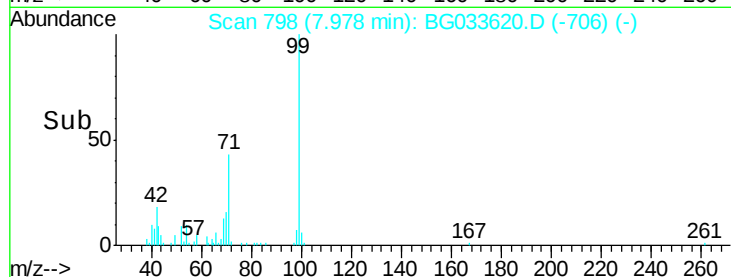
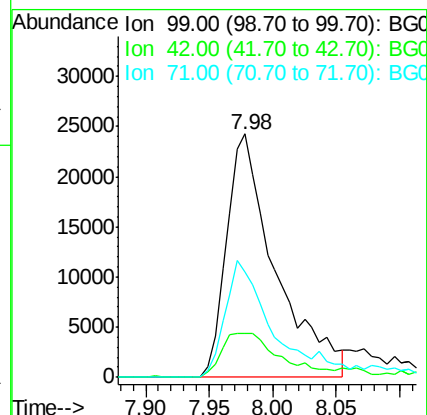
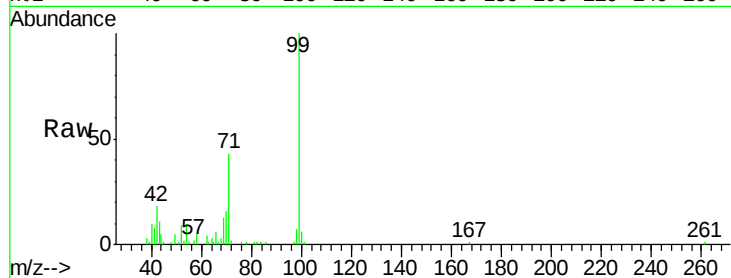
Tot Ion: 99 Resp: 64773

Ion Ratio Lower Upper

99 100

42 18.3 14.1 21.1

71 43.2 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.74 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BG033620.D

Acq: 6 Apr 2018 8:44

Tgt Ion: 136 Resp: 163370

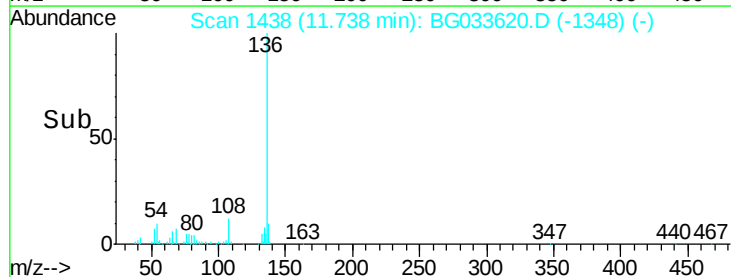
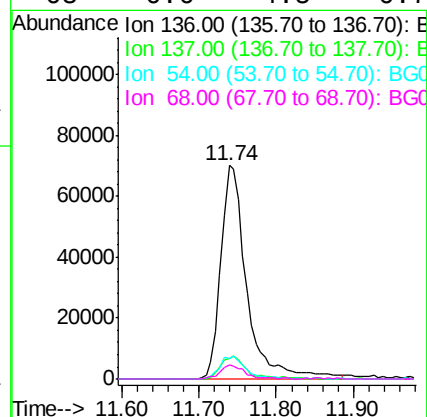
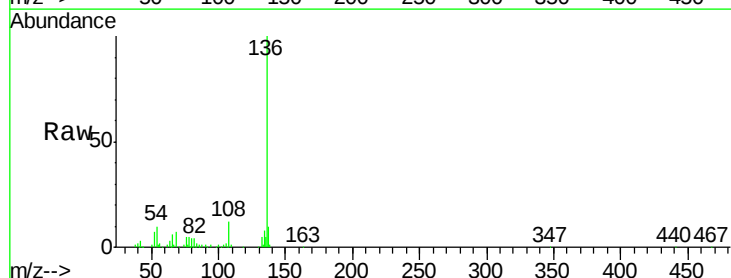
Ion Ratio Lower Upper

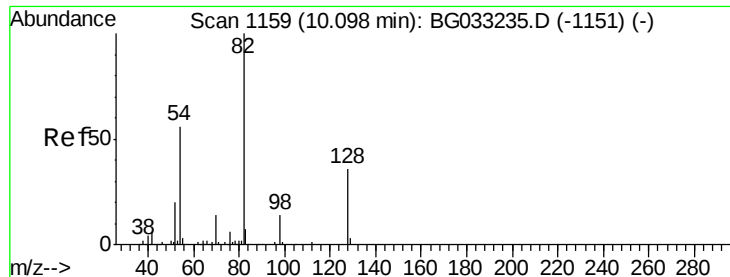
136 100

137 9.5 9.2 13.8

54 9.6 10.3 15.5#

68 6.6 4.5 6.7





#23

Nitrobenzene-d5

Concen: 104.640 ng

RT: 10.06 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BG033620.D

Acq: 6 Apr 2018 8:44

Instrument :

BNA_G

ClientSampleId :

040318-DBRI-E-D-B

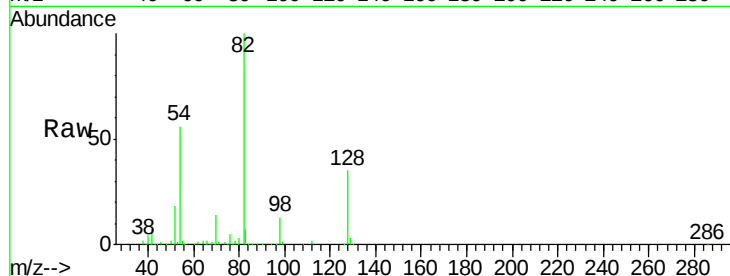
Tot Ion: 82 Resp: 372084

Ion Ratio Lower Upper

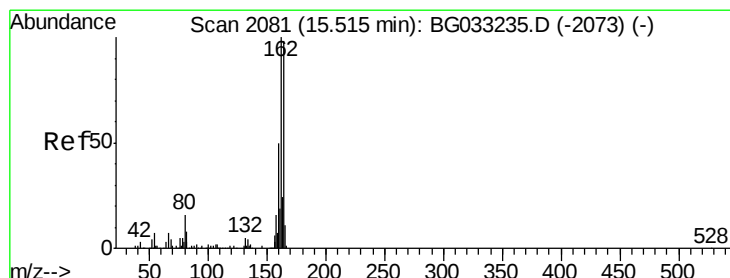
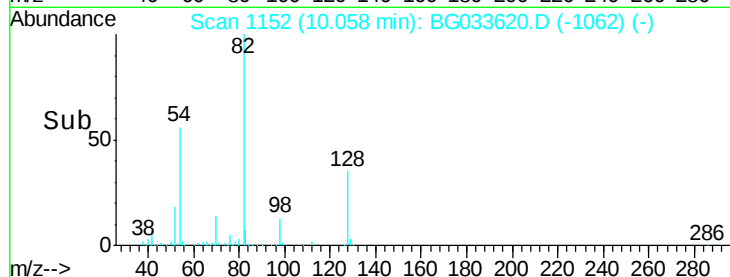
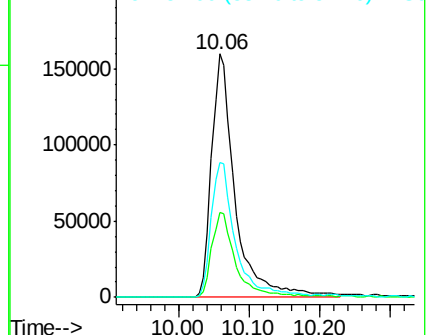
82 100

128 35.0 29.7 44.5

54 55.5 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# 2074

Delta R.T. -0.00 min

Lab File: BG033620.D

Acq: 6 Apr 2018 8:44

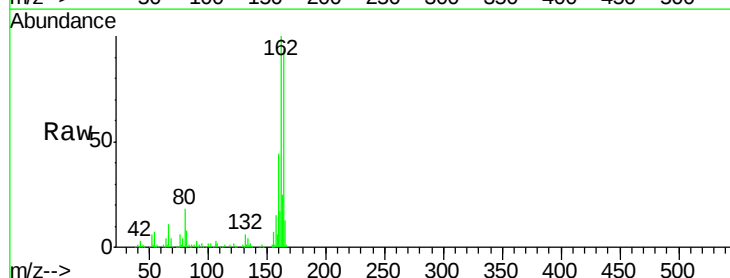
Tgt Ion:164 Resp: 128806

Ion Ratio Lower Upper

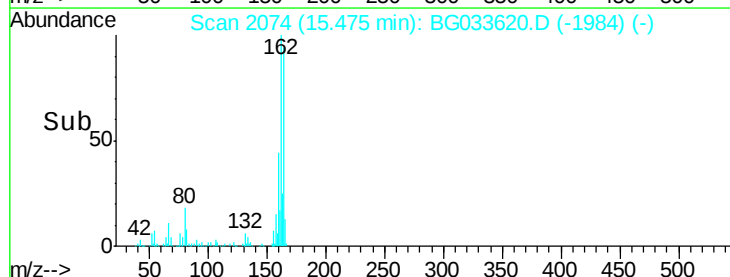
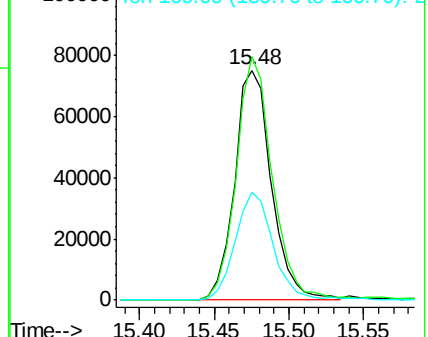
164 100

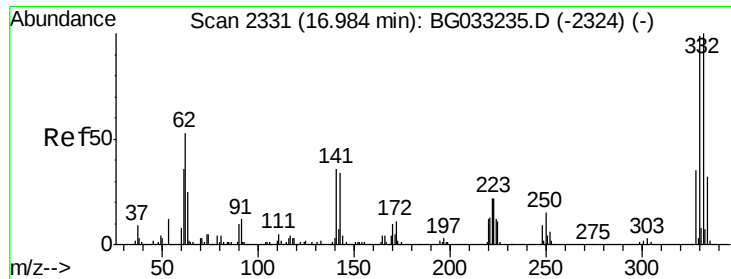
162 106.1 78.8 118.2

160 47.0 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

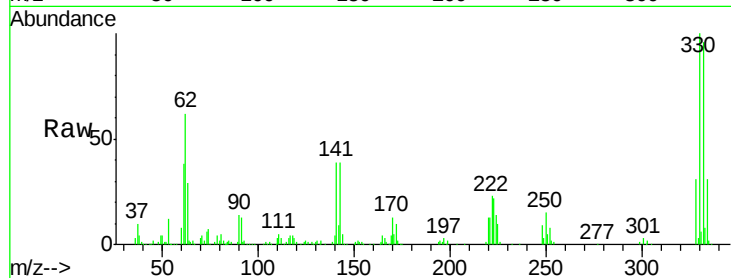




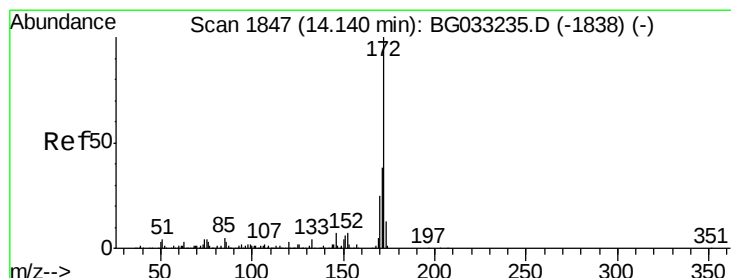
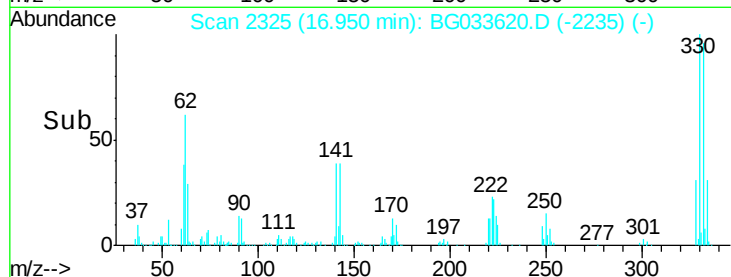
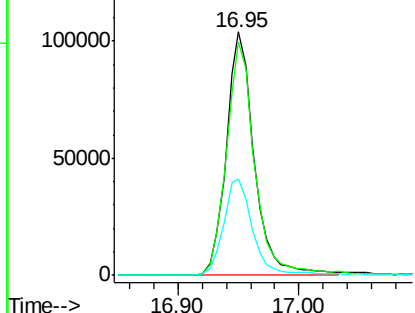
#41
 2,4,6-Tribromophenol
 Concen: 86.728 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.00 min
 Lab File: BG033620.D
 Acq: 6 Apr 2018 8:44

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.6	77.0	115.6
141	41.0	25.2	37.8#

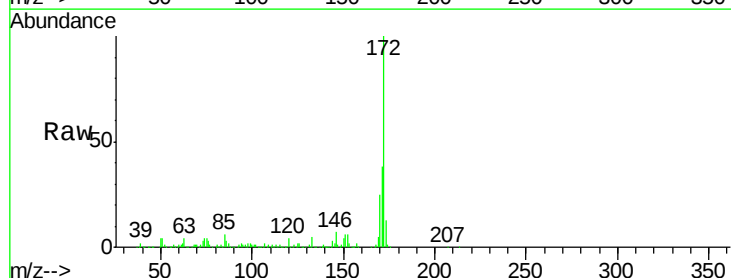


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

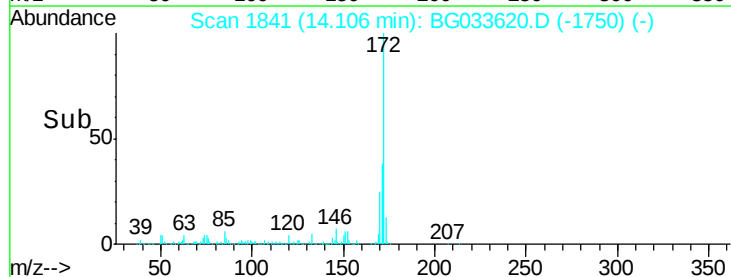
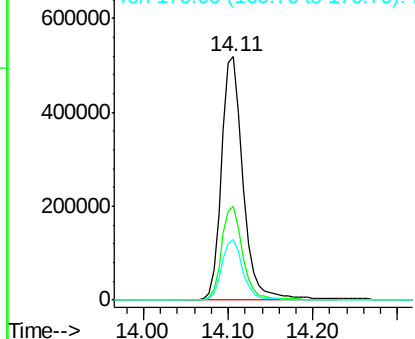


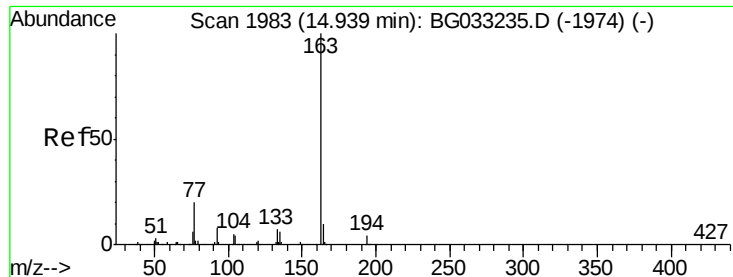
#44
 2-Fluorobiphenyl
 Concen: 103.477 ng
 RT: 14.11 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BG033620.D
 Acq: 6 Apr 2018 8:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	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





#49

Dimethylphthalate

Concen: 2.193 ng

RT: 14.90 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG033620.D

Acq: 6 Apr 2018 8:44

Instrument :

BNA_G

ClientSampleId :

040318-DBRI-E-D-B

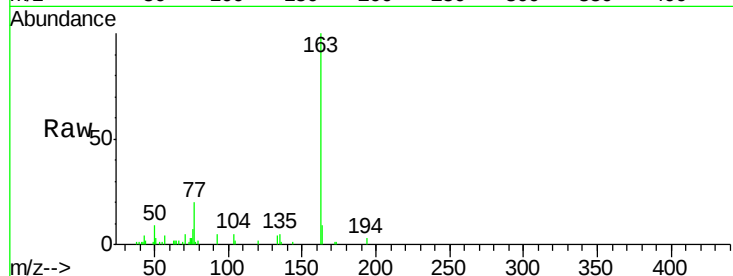
Tot Ion:163 Resp: 24582

Ion Ratio Lower Upper

163 100

194 3.1 3.4 5.2#

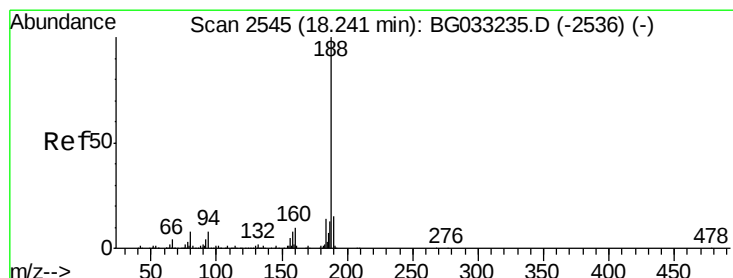
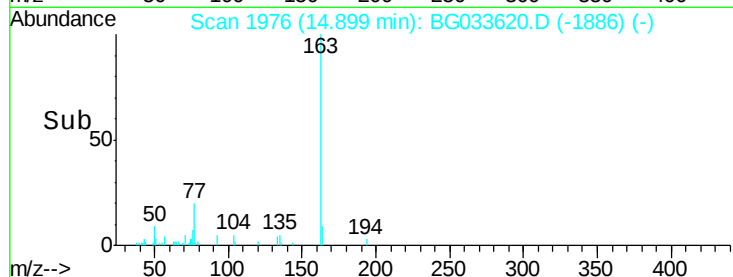
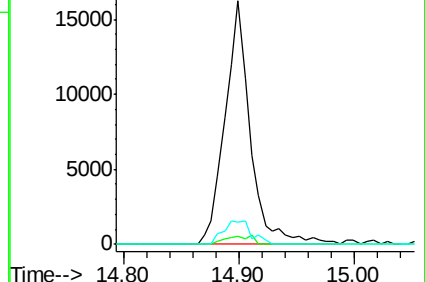
164 9.2 8.2 12.4



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. -0.00 min

Lab File: BG033620.D

Acq: 6 Apr 2018 8:44

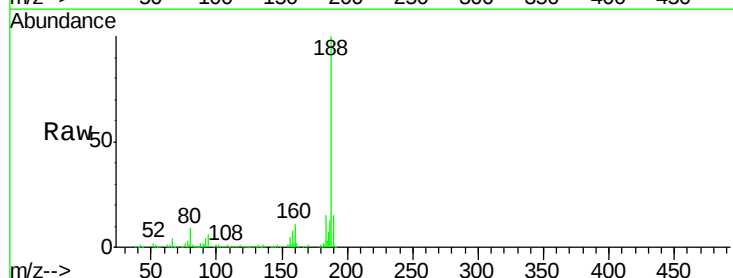
Tgt Ion:188 Resp: 337149

Ion Ratio Lower Upper

188 100

94 6.5 6.9 10.3#

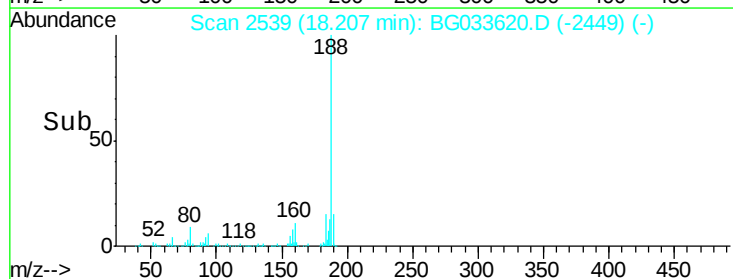
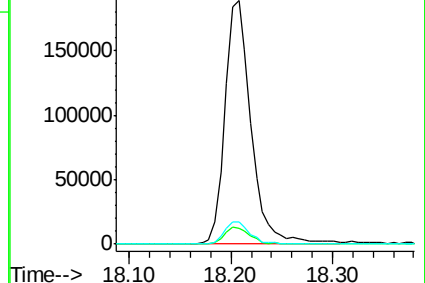
80 9.1 7.7 11.5

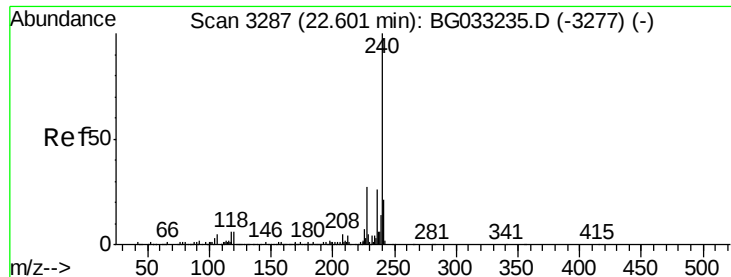


Abundance Ion 188.00 (187.70 to 188.70): E

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: 22.55 min Scan# 3278

Delta R.T. -0.01 min

Lab File: BG033620.D

Acq: 6 Apr 2018 8:44

Instrument :

BNA_G

ClientSampleId :

040318-DBRI-E-D-B

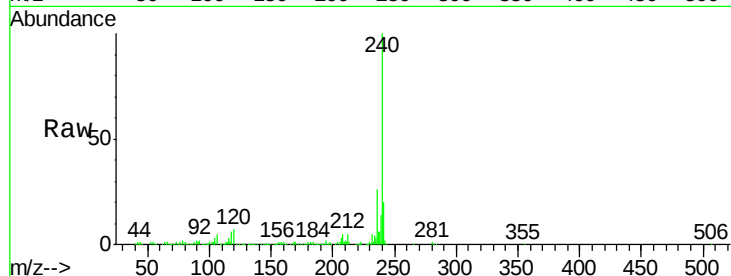
Tot Ion:240 Resp: 330263

Ion Ratio Lower Upper

240 100

120 7.2 6.8 10.2

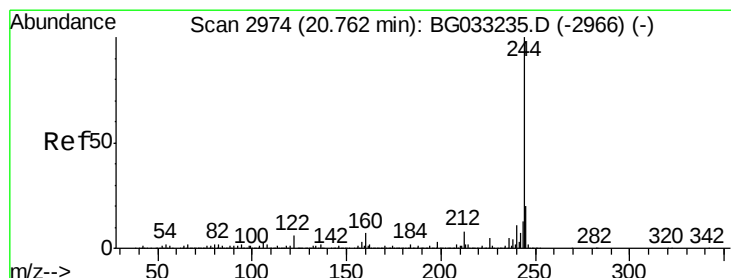
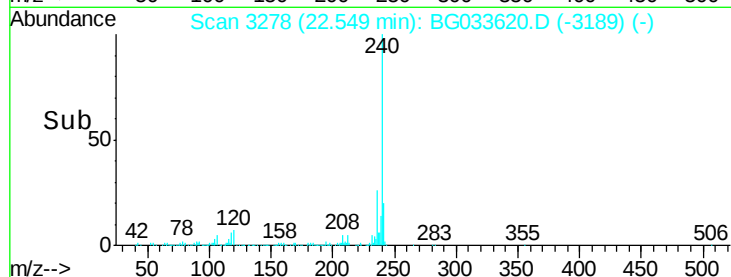
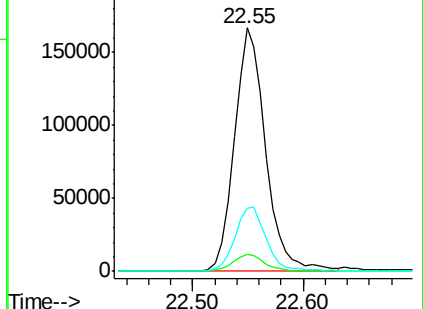
236 25.9 20.9 31.3



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: 97.132 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.00 min

Lab File: BG033620.D

Acq: 6 Apr 2018 8:44

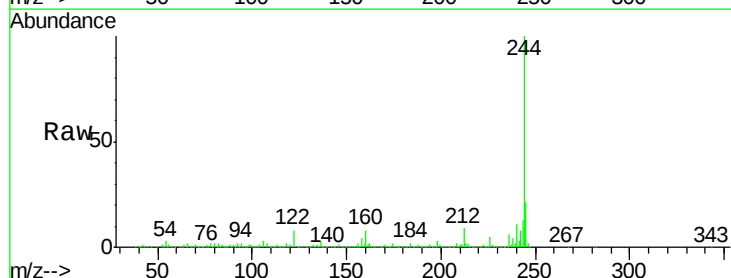
Tgt Ion:244 Resp: 1499995

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

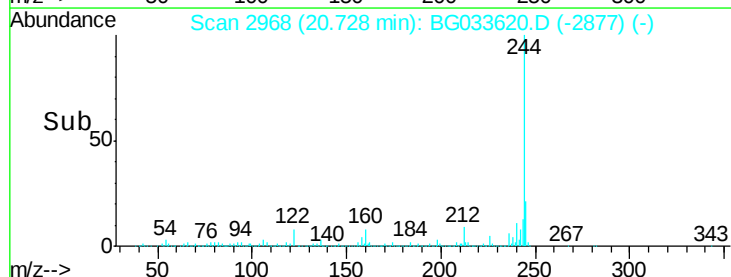
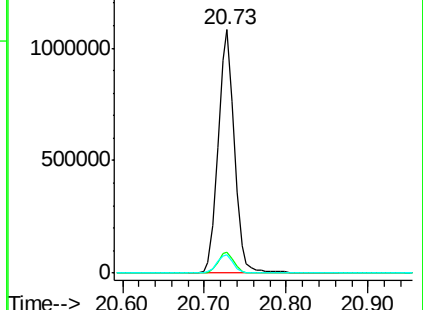
122 7.6 7.0 10.4

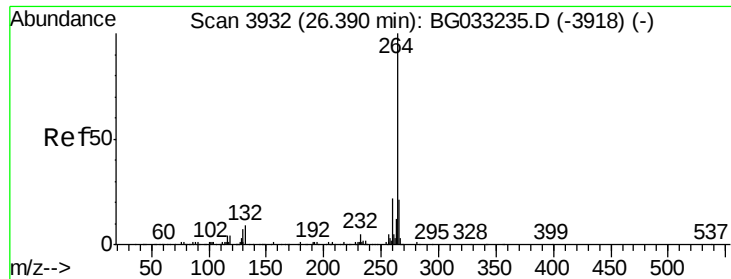


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.31 min Scan# 3918
 Delta R.T. -0.01 min
 Lab File: BG033620.D
 Acq: 6 Apr 2018 8:44

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	17.4	26.0
265	20.1	17.7	26.5

