

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041118\
 Data File : BG033751.D
 Acq On : 11 Apr 2018 18:47
 Operator : SJ/JU
 Sample : J2320-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 040918-DBRI-E-D-B

Quant Time: Apr 12 01:48:37 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 16:51:36 2018
 Response via : Initial Calibration

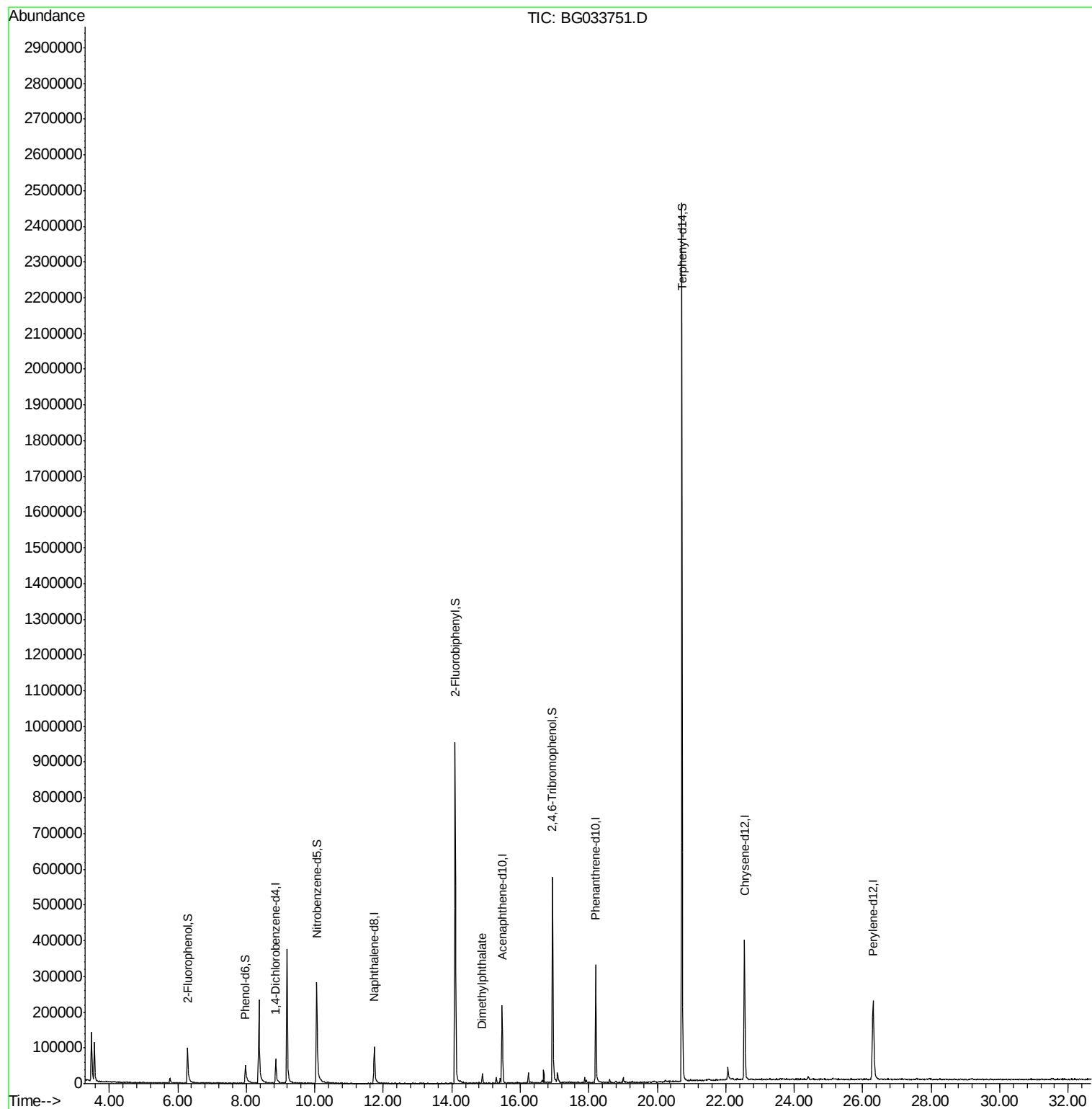
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	24381	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	110466	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	84751	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	251290	20.00	ng	0.00
75) Chrysene-d12	22.55	240	282155	20.00	ng	0.00
86) Perylene-d12	26.30	264	300347	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	53976	41.51	ng	0.00
7) Phenol-d6	7.97	99	51300	22.96	ng	0.00
23) Nitrobenzene-d5	10.06	82	232463	96.68	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	115919	91.45	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	558581	95.15	ng	0.00
78) Terphenyl-d14	20.73	244	1269559	96.23	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.89	163	18872	2.559	ng	Qvalue 97

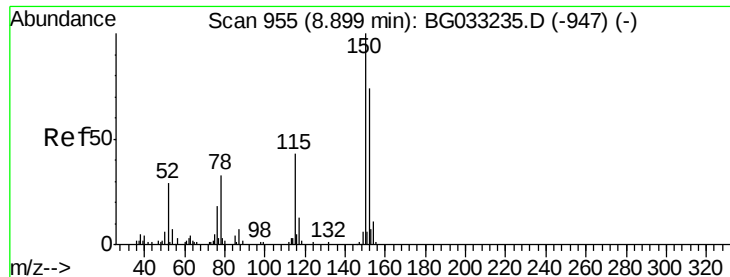
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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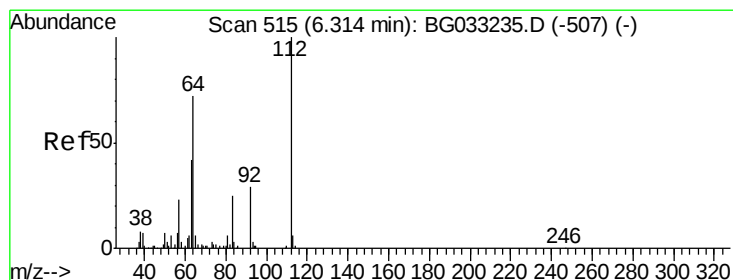
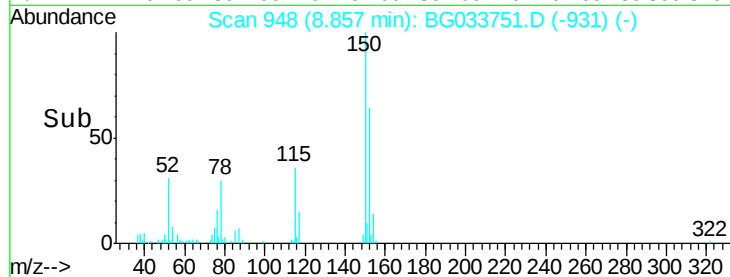
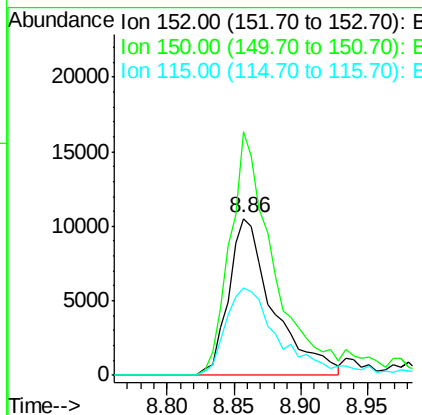
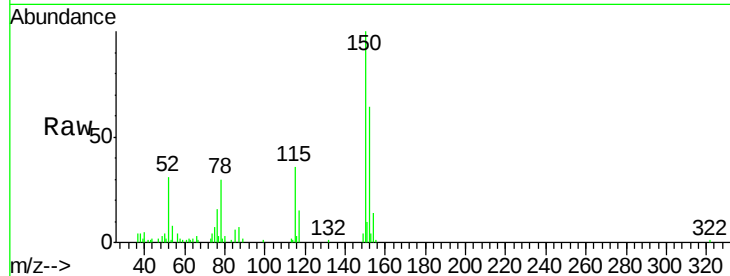


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. 0.00 min
Lab File: BG033751.D
Acq: 11 Apr 2018 18:47

Instrument :
BNA_G
ClientSampleId :
040918-DBRI-E-D-B

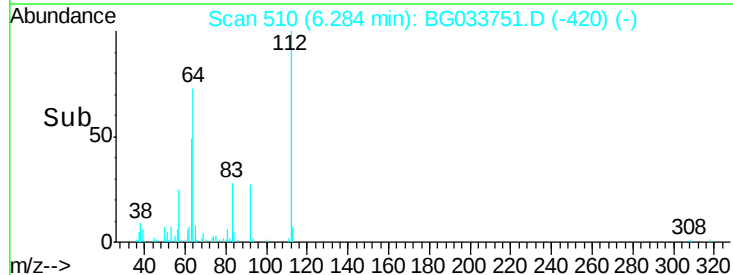
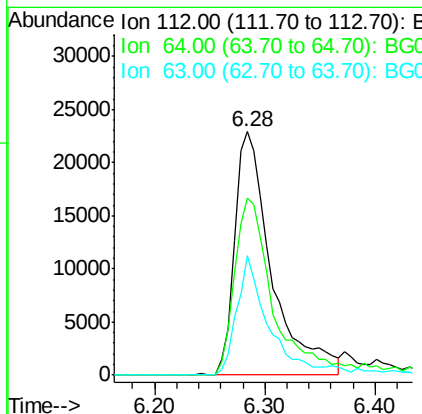
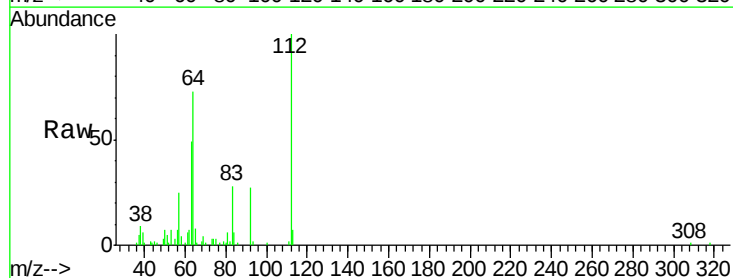
Tot Ion:152 Resp: 24381
Ion Ratio Lower Upper
152 100
150 155.5 126.6 189.8
115 56.1 53.0 79.4

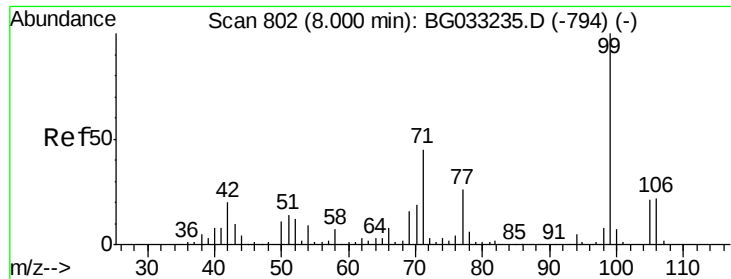


#5

2-Fluorophenol
Concen: 41.512 ng
RT: 6.28 min Scan# 510
Delta R.T. 0.00 min
Lab File: BG033751.D
Acq: 11 Apr 2018 18:47

Tgt Ion:112 Resp: 53976
Ion Ratio Lower Upper
112 100
64 72.9 56.3 84.5
63 49.2 30.1 45.1#





#7

Phenol-d6

Concen: 22.963 ng

RT: 7.97 min Scan# 797

Delta R.T. 0.00 min

Lab File: BG033751.D

Acq: 11 Apr 2018 18:47

Instrument :

BNA_G

ClientSampleId :

040918-DBRI-E-D-B

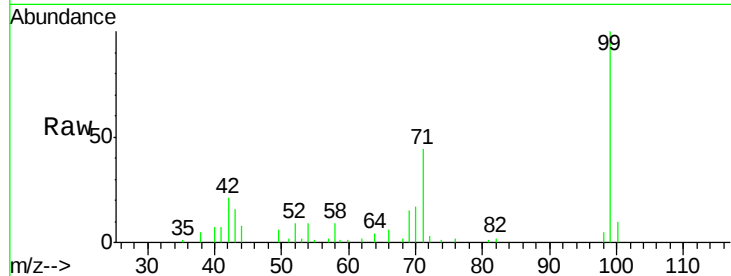
Tot Ion: 99 Resp: 51300

Ion Ratio Lower Upper

99 100

42 21.3 14.1 21.1#

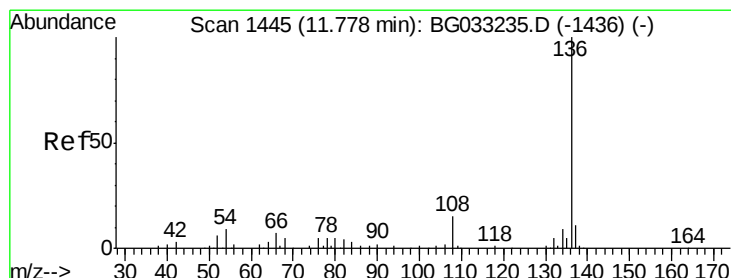
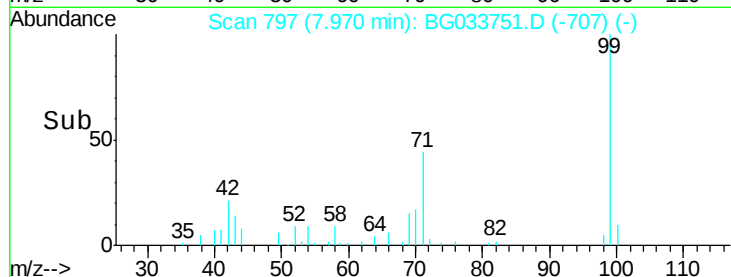
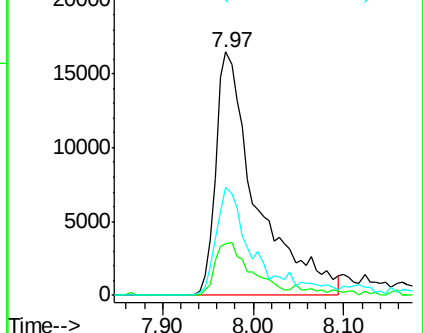
71 44.3 26.1 39.1#



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: BG033751.D

Acq: 11 Apr 2018 18:47

Tgt Ion: 136 Resp: 110466

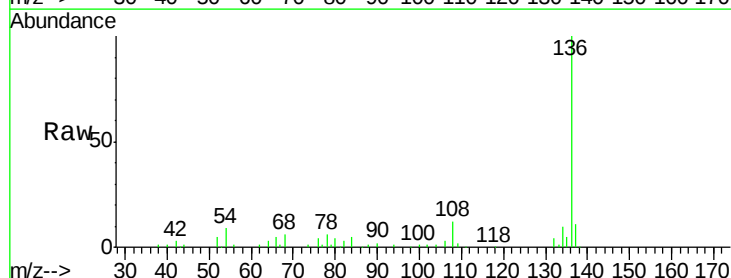
Ion Ratio Lower Upper

136 100

137 10.6 9.2 13.8

54 9.0 10.3 15.5#

68 5.6 4.5 6.7

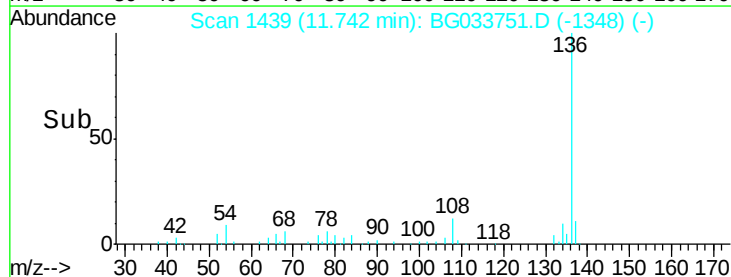
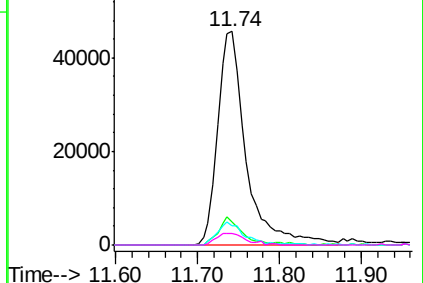


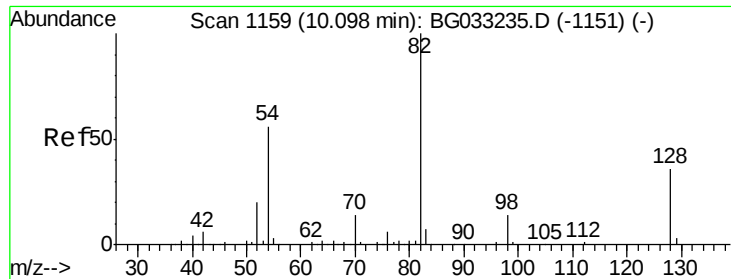
Abundance Ion 136.00 (135.70 to 136.70): BGC

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: 96.684 ng

RT: 10.06 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BG033751.D

Acq: 11 Apr 2018 18:47

Instrument :

BNA_G

ClientSampleId :

040918-DBRI-E-D-B

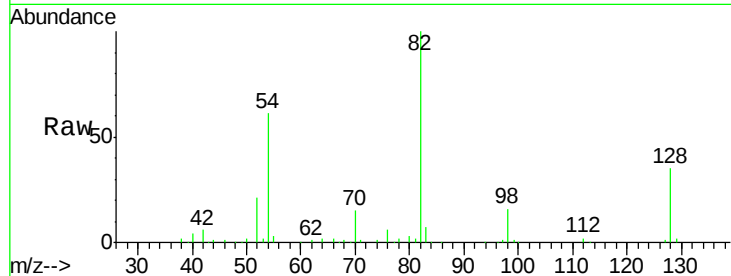
Tot Ion: 82 Resp: 232463

Ion Ratio Lower Upper

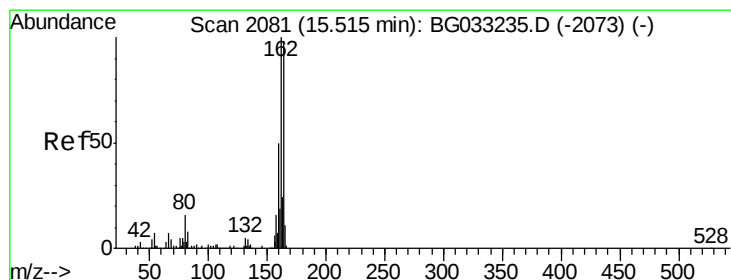
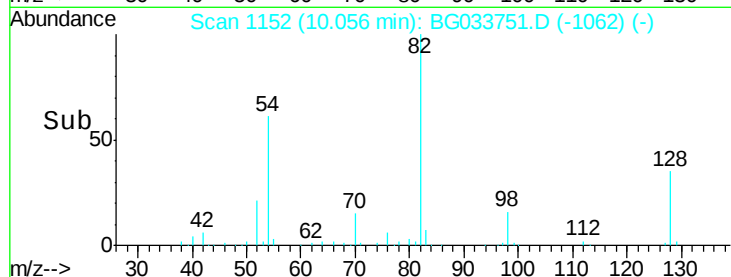
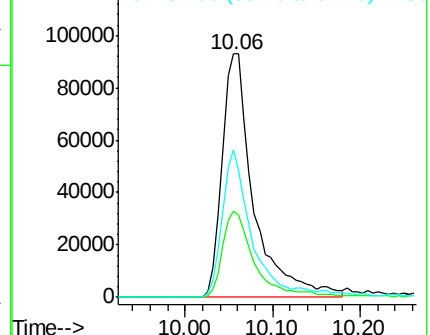
82 100

128 35.3 29.7 44.5

54 60.5 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: 15.47 min Scan# 2074

Delta R.T. 0.00 min

Lab File: BG033751.D

Acq: 11 Apr 2018 18:47

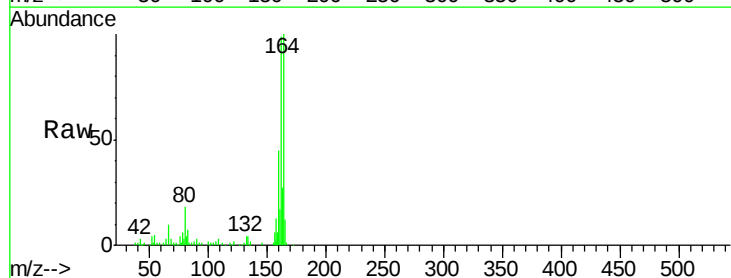
Tgt Ion:164 Resp: 84751

Ion Ratio Lower Upper

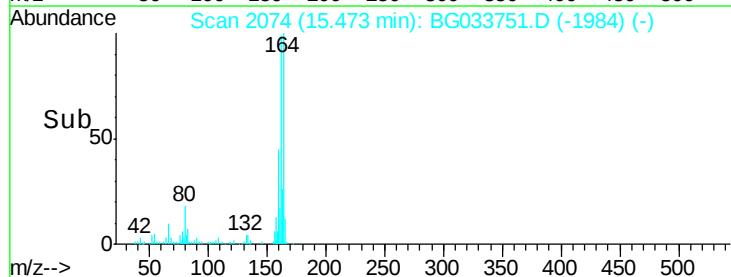
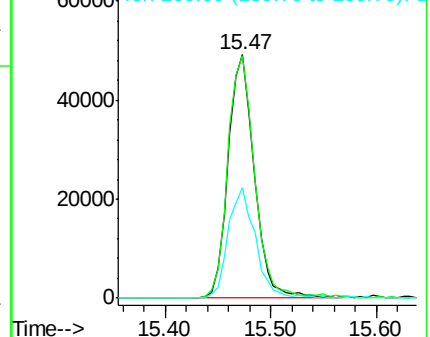
164 100

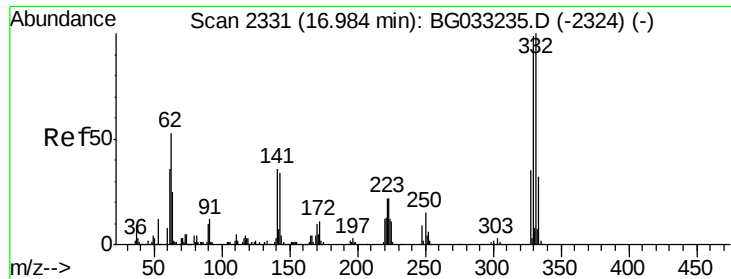
162 99.3 78.8 118.2

160 45.3 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

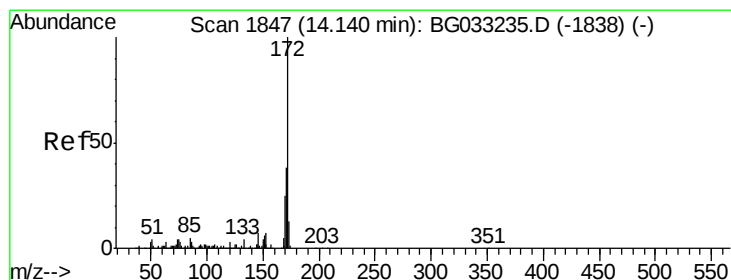
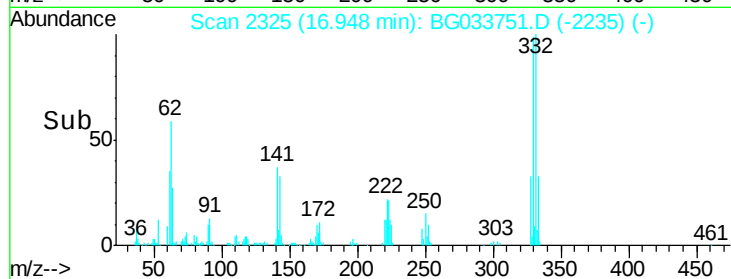
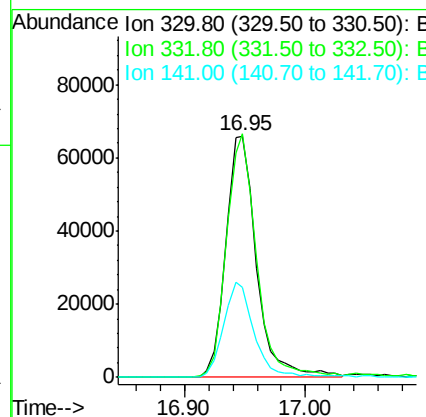
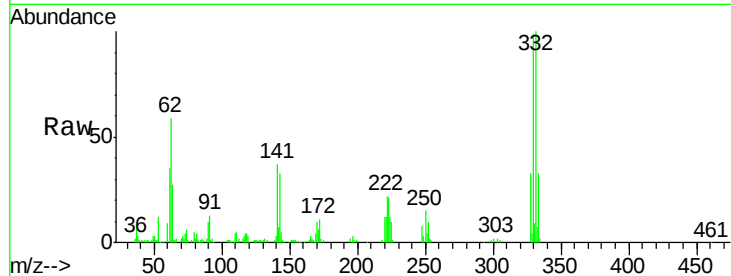




#41
 2,4,6-Tribromophenol
 Concen: 91.451 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. 0.00 min
 Lab File: BG033751.D
 Acq: 11 Apr 2018 18:47

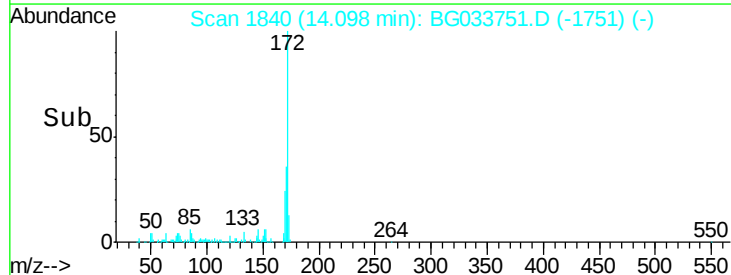
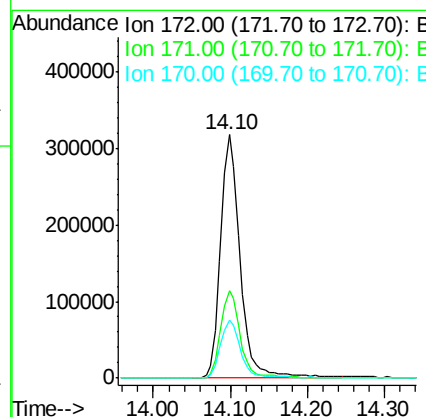
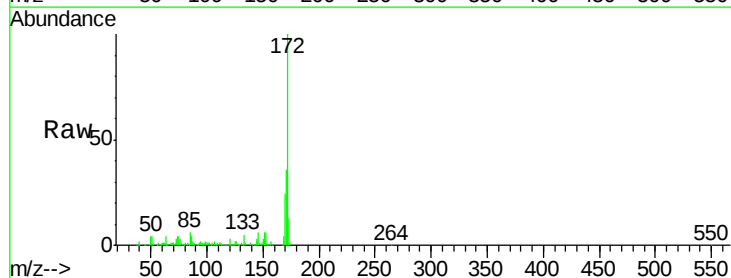
Instrument :
 BNA_G
 ClientSampleId :
 040918-DBRI-E-D-B

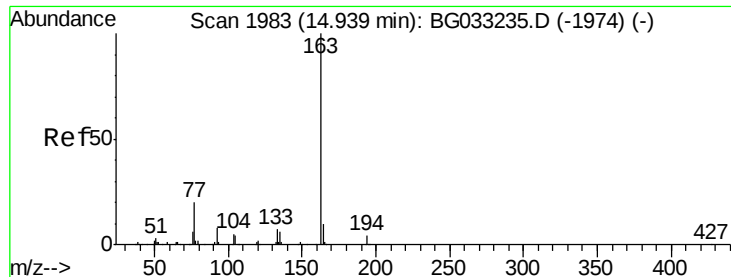
Tot Ion	Ratio	Lower	Upper
330	100		
332	99.2	77.0	115.6
141	39.2	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 95.148 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BG033751.D
 Acq: 11 Apr 2018 18:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.0	45.0
170	23.8	19.5	29.3





#49

Dimethylphthalate

Concen: 2.559 ng

RT: 14.89 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG033751.D

Acq: 11 Apr 2018 18:47

Instrument :

BNA_G

ClientSampleId :

040918-DBRI-E-D-B

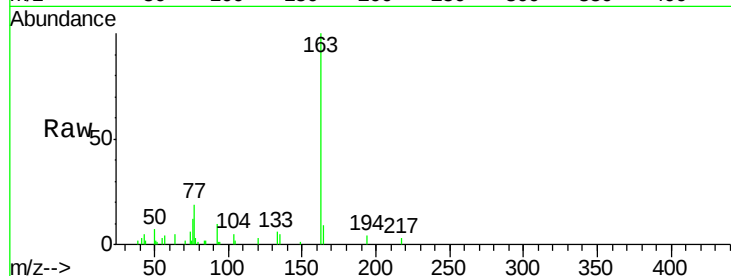
Tot Ion:163 Resp: 18872

Ion Ratio Lower Upper

163 100

194 3.6 3.4 5.2

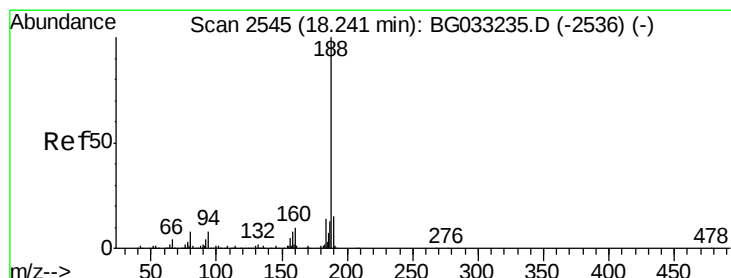
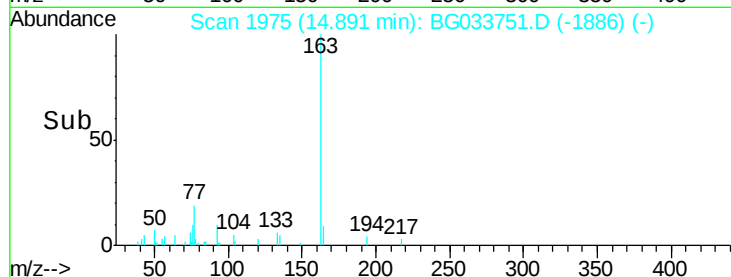
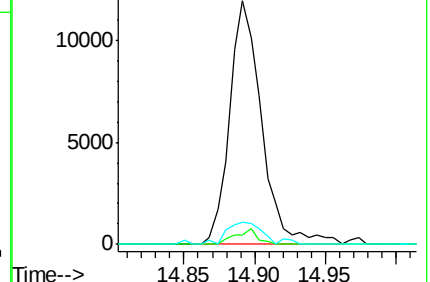
164 9.3 8.2 12.4



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: 18.20 min Scan# 2538

Delta R.T. -0.01 min

Lab File: BG033751.D

Acq: 11 Apr 2018 18:47

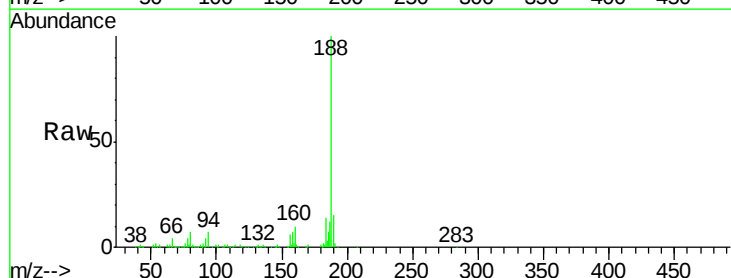
Tgt Ion:188 Resp: 251290

Ion Ratio Lower Upper

188 100

94 7.2 6.9 10.3

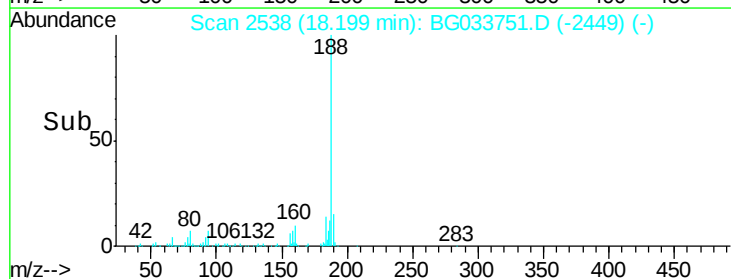
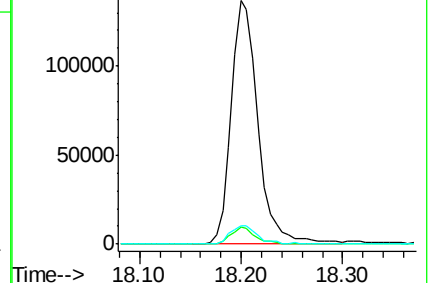
80 7.4 7.7 11.5#

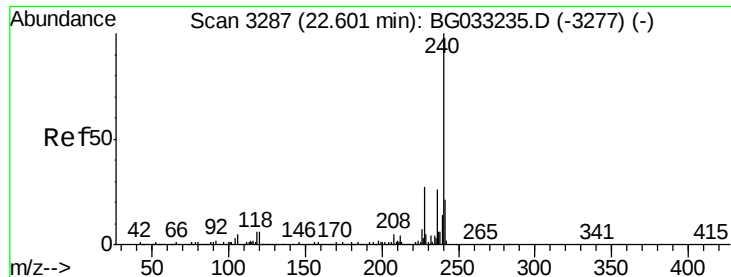


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG033751.D

Acq: 11 Apr 2018 18:47

Instrument :

BNA_G

ClientSampleId :

040918-DBRI-E-D-B

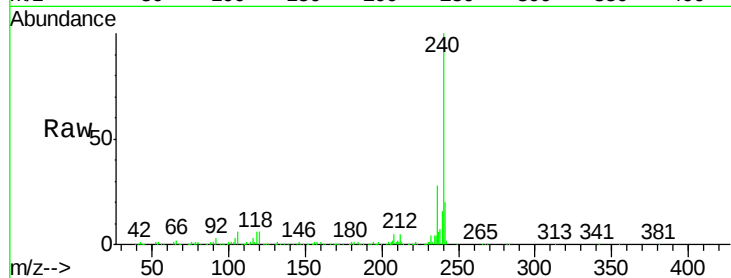
Tot Ion:240 Resp: 282155

Ion Ratio Lower Upper

240 100

120 5.8 6.8 10.2#

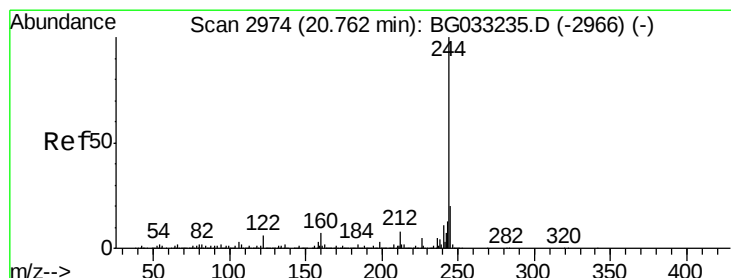
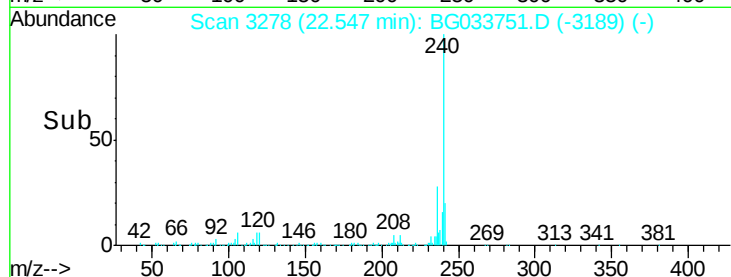
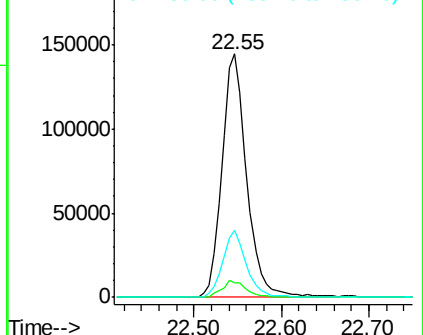
236 27.6 20.9 31.3



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: 96.227 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.00 min

Lab File: BG033751.D

Acq: 11 Apr 2018 18:47

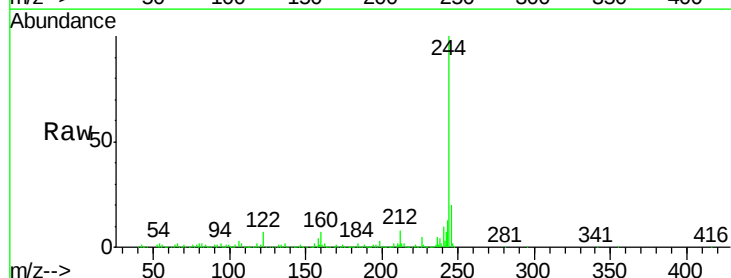
Tgt Ion:244 Resp: 1269559

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

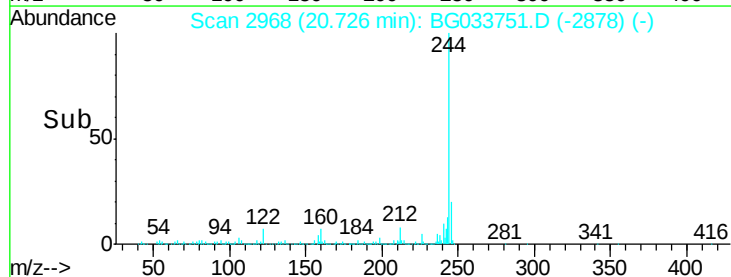
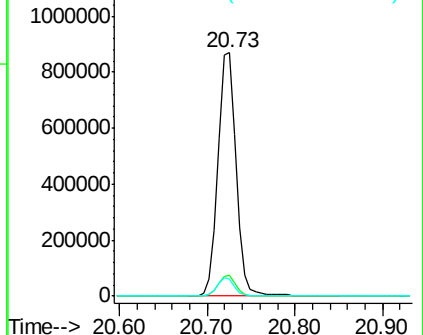
122 6.9 7.0 10.4#

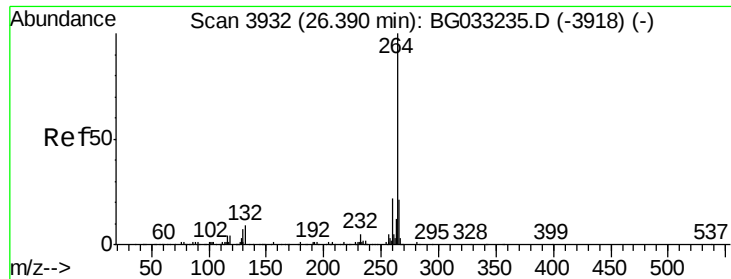


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.30 min Scan# 3917
Delta R.T. -0.01 min
Lab File: BG033751.D
Acq: 11 Apr 2018 18:47

Instrument :
BNA_G
ClientSampleId :
040918-DBRI-E-D-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.1	17.4	26.0
265	22.6	17.7	26.5

