

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041118\
 Data File : BG033770.D
 Acq On : 12 Apr 2018 7:34
 Operator : SJ/JU
 Sample : J2321-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 041018-DBRI-E-D-S

Quant Time: Apr 12 08:18:37 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

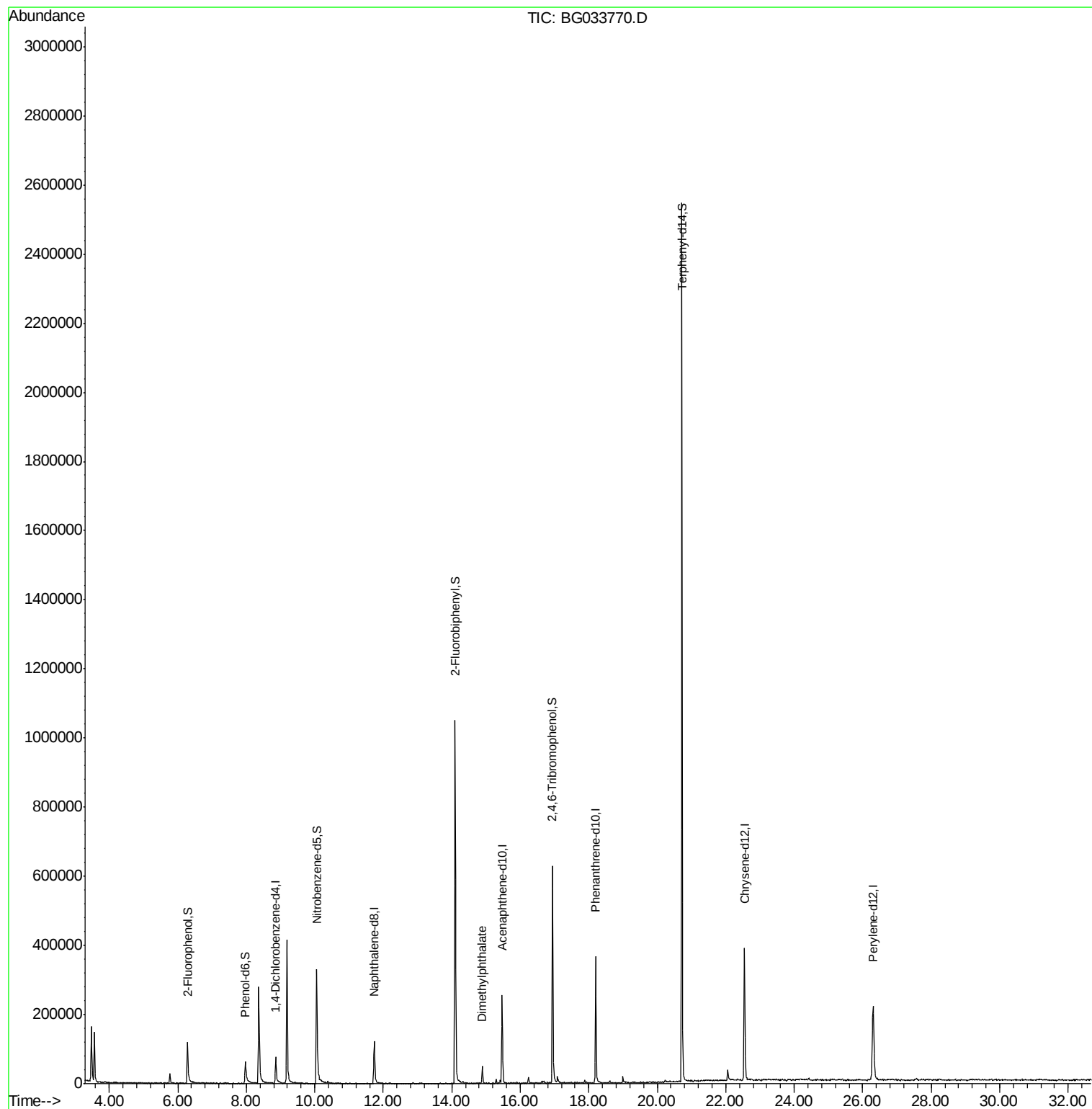
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	29326	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	123865	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	95761	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	265231	20.00	ng	0.00
75) Chrysene-d12	22.55	240	283073	20.00	ng	0.00
86) Perylene-d12	26.30	264	303785	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	63934	40.88	ng	0.00
7) Phenol-d6	7.97	99	54869	20.42	ng	0.00
23) Nitrobenzene-d5	10.06	82	265030	98.31	ng	0.00
41) 2,4,6-Tribromophenol	16.94	330	121933	85.14	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	619370	93.37	ng	0.00
78) Terphenyl-d14	20.72	244	1240924	93.75	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.89	163	34866	4.184	ng	Qvalue 97

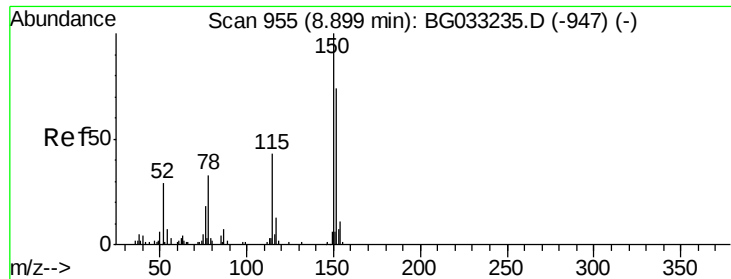
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On : 12 Apr 2018 7:34
Operator : SJ/JU
Sample : J2321-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
041018-DBRI-E-D-S

Quant Time: Apr 12 08:18:37 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
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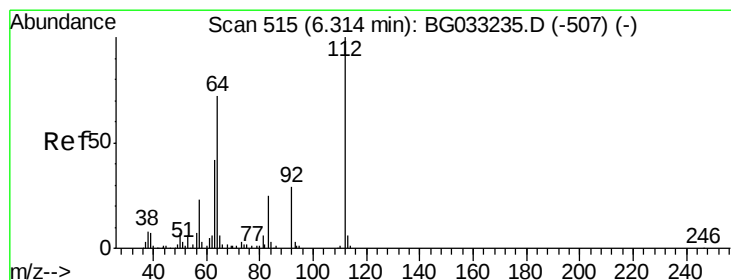
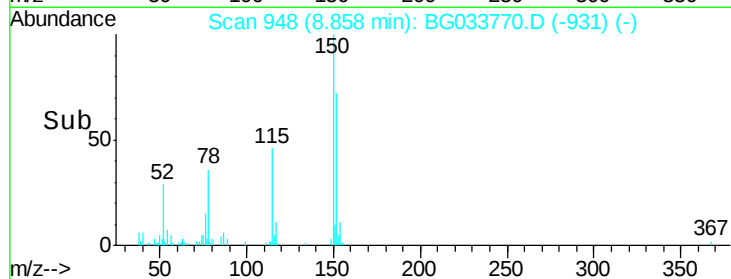
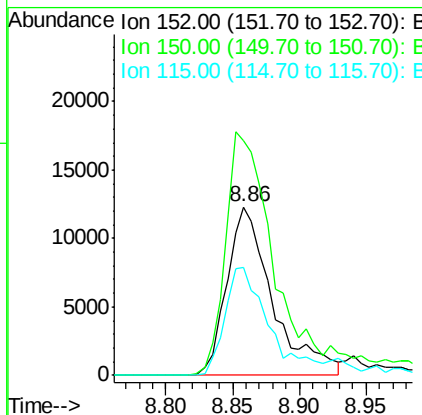
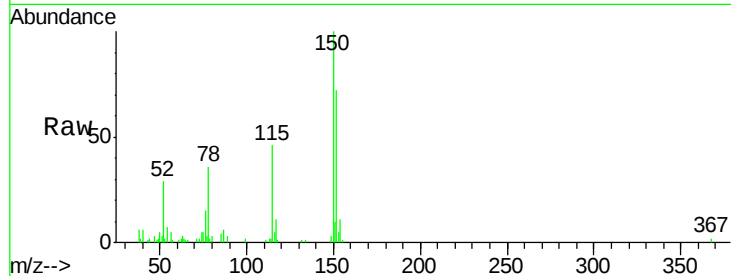


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. 0.00 min
Lab File: BG033770.D
Acq: 12 Apr 2018 7:34

Instrument :
BNA_G
ClientSampleId :
041018-DBRI-E-D-S

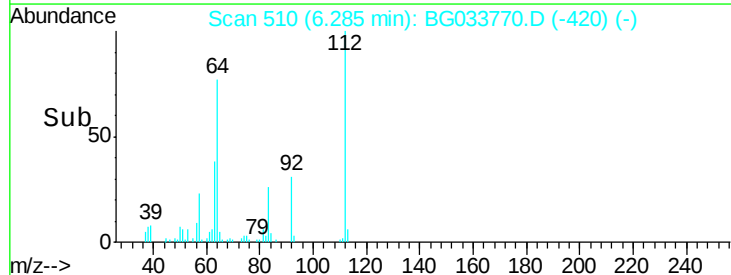
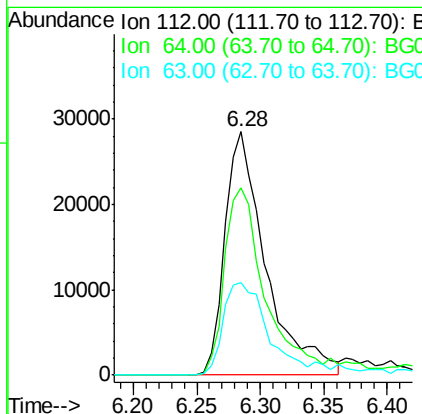
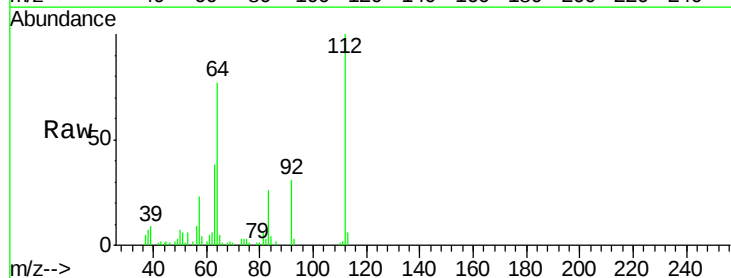
Tot Ion	Ratio	Lower	Upper
152	100		
150	139.7	126.6	189.8
115	64.1	53.0	79.4



#5

2-Fluorophenol
Concen: 40.880 ng
RT: 6.28 min Scan# 510
Delta R.T. 0.00 min
Lab File: BG033770.D
Acq: 12 Apr 2018 7:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	76.7	56.3	84.5
63	38.1	30.1	45.1





#7

Phenol-d6

Concen: 20.419 ng

RT: 7.97 min Scan# 797

Delta R.T. 0.00 min

Lab File: BG033770.D

Acq: 12 Apr 2018 7:34

Instrument :

BNA_G

ClientSampleId :

041018-DBRI-E-D-S

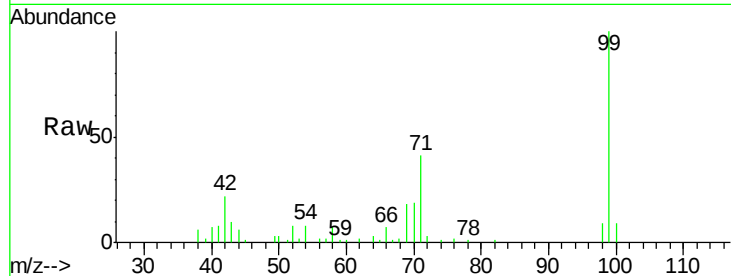
Tot Ion: 99 Resp: 54869

Ion Ratio Lower Upper

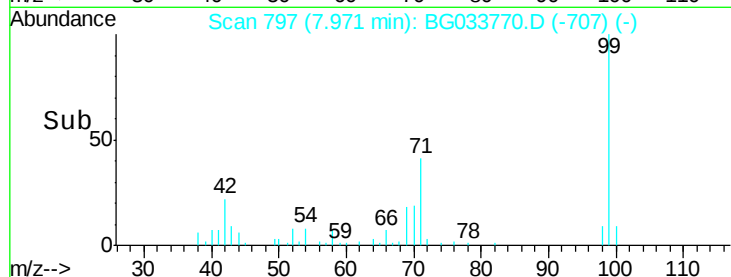
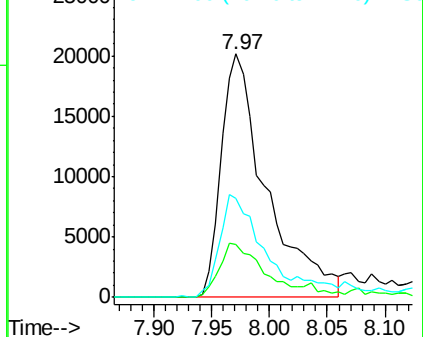
99 100

42 21.7 14.1 21.1#

71 40.7 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# 1438

Delta R.T. 0.00 min

Lab File: BG033770.D

Acq: 12 Apr 2018 7:34

Tgt Ion: 136 Resp: 123865

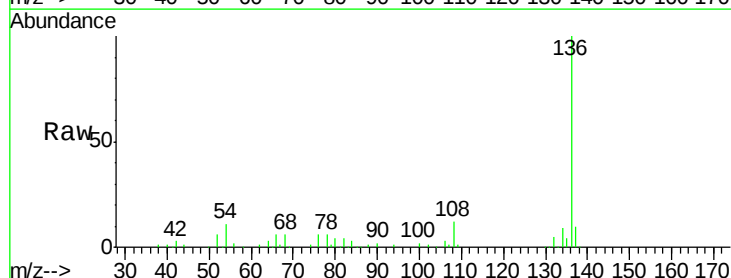
Ion Ratio Lower Upper

136 100

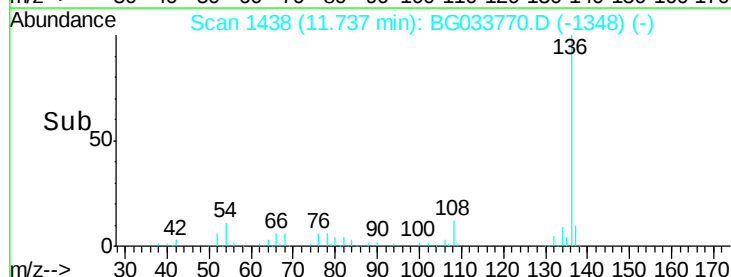
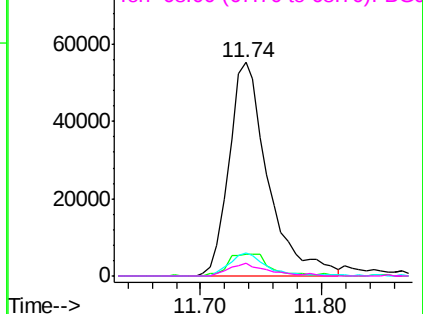
137 10.2 9.2 13.8

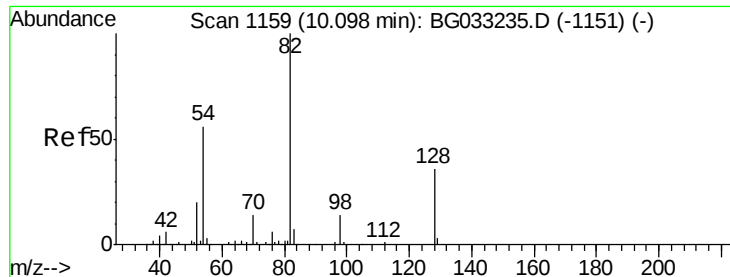
54 10.8 10.3 15.5

68 5.8 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: 98.305 ng

RT: 10.06 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BG033770.D

Acq: 12 Apr 2018 7:34

Instrument :

BNA_G

ClientSampleId :

041018-DBRI-E-D-S

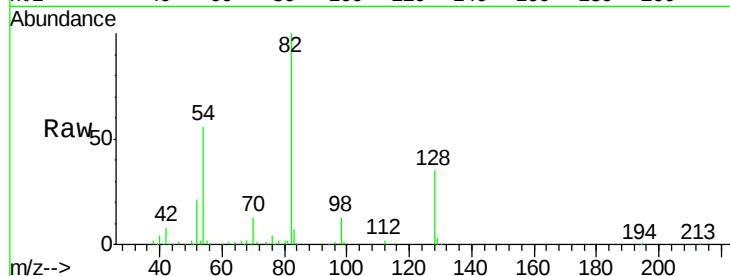
Tot Ion: 82 Resp: 265030

Ion Ratio Lower Upper

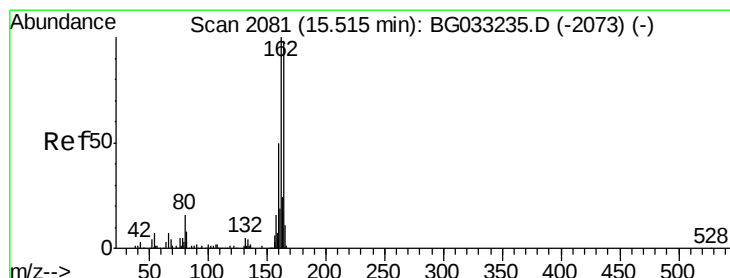
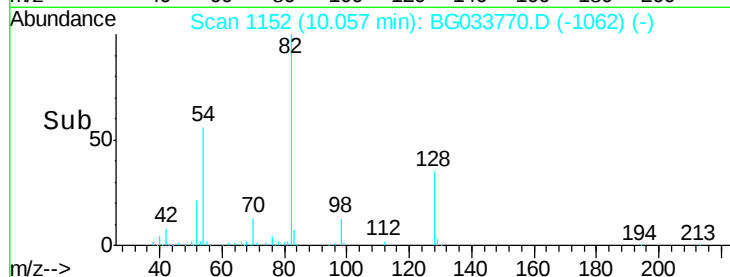
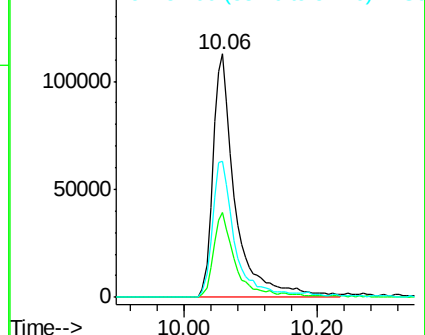
82 100

128 35.1 29.7 44.5

54 55.9 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: BG033770.D

Acq: 12 Apr 2018 7:34

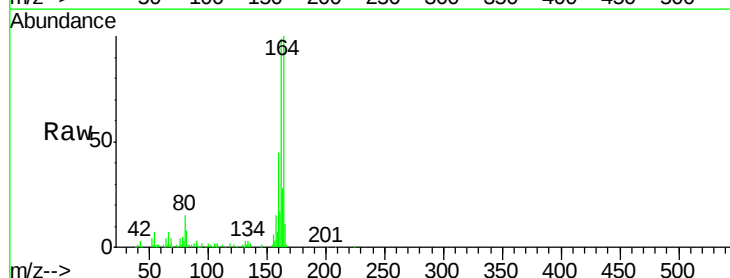
Tgt Ion:164 Resp: 95761

Ion Ratio Lower Upper

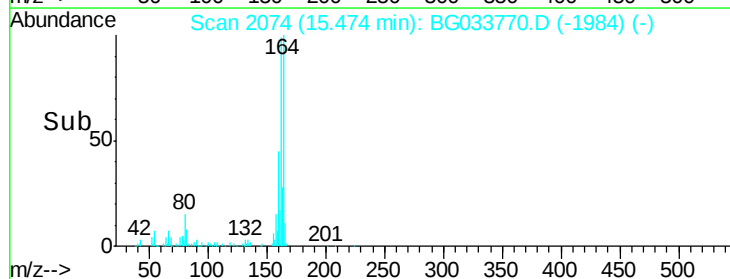
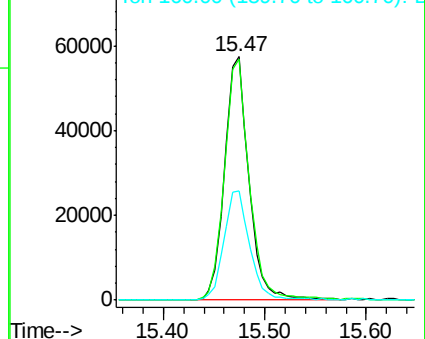
164 100

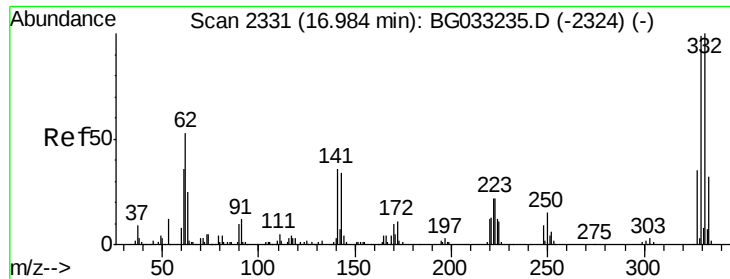
162 98.8 78.8 118.2

160 44.9 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

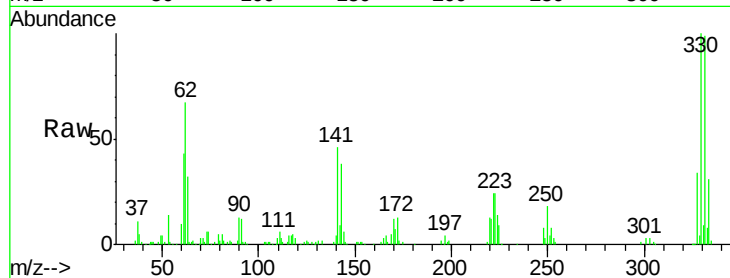




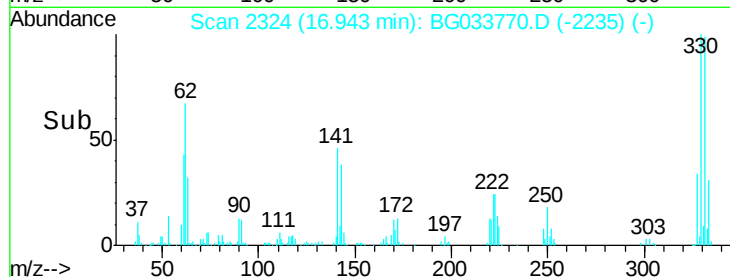
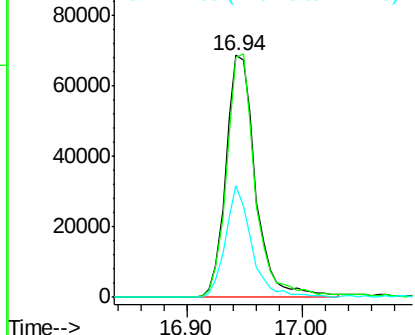
#41
 2,4,6-Tribromophenol
 Concen: 85.136 ng
 RT: 16.94 min Scan# 2324
 Delta R.T. -0.00 min
 Lab File: BG033770.D
 Acq: 12 Apr 2018 7:34

Instrument :
 BNA_G
 ClientSampleId :
 041018-DBRI-E-D-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.0	77.0	115.6
141	40.8	25.2	37.8#

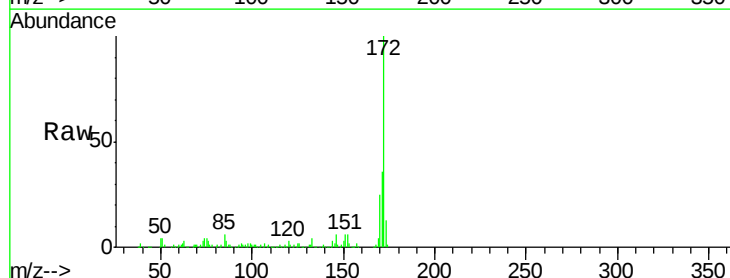


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

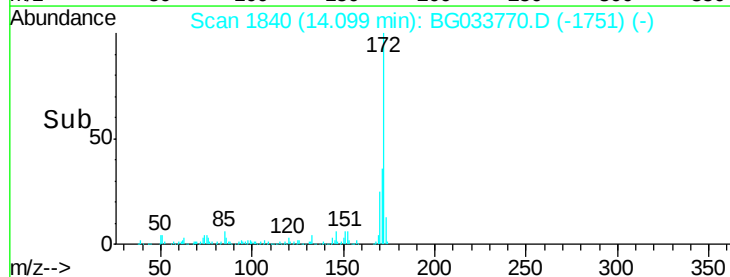
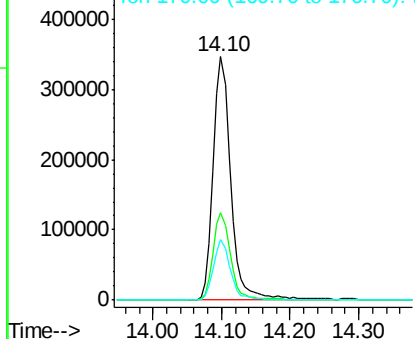


#44
 2-Fluorobiphenyl
 Concen: 93.372 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BG033770.D
 Acq: 12 Apr 2018 7:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	30.0	45.0
170	24.8	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: 4.184 ng

RT: 14.89 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG033770.D

Acq: 12 Apr 2018 7:34

Instrument :

BNA_G

ClientSampleId :

041018-DBRI-E-D-S

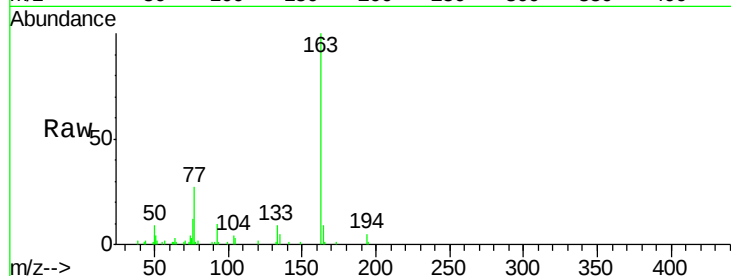
Tot Ion:163 Resp: 34866

Ion Ratio Lower Upper

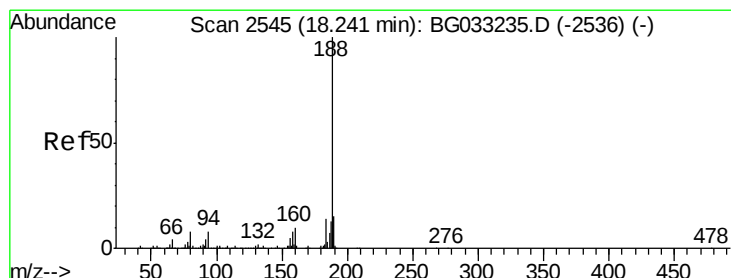
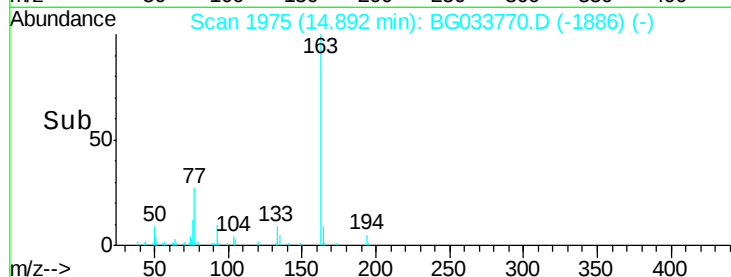
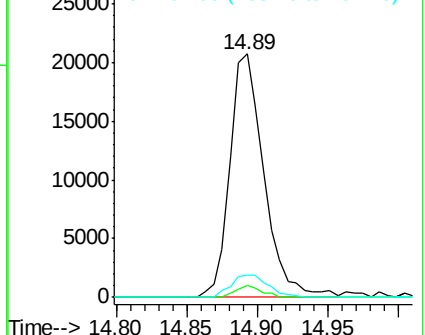
163 100

194 4.9 3.4 5.2

164 9.1 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. -0.00 min

Lab File: BG033770.D

Acq: 12 Apr 2018 7:34

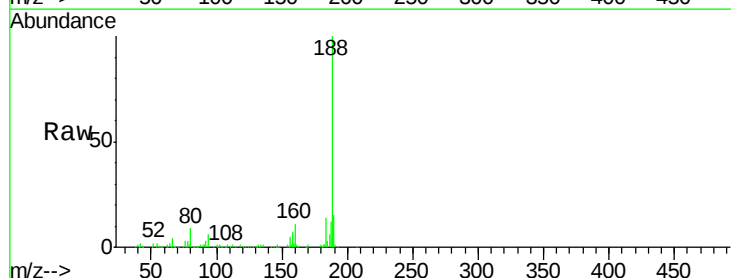
Tgt Ion:188 Resp: 265231

Ion Ratio Lower Upper

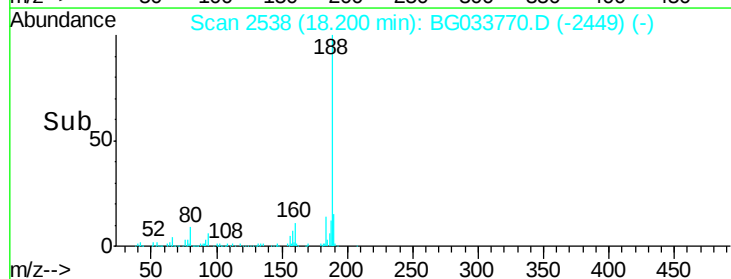
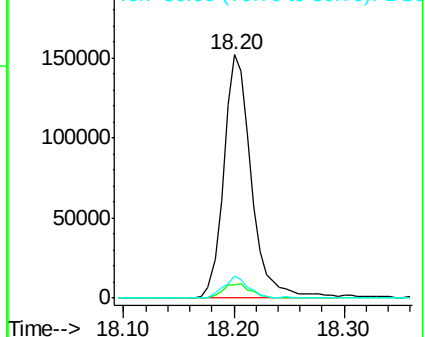
188 100

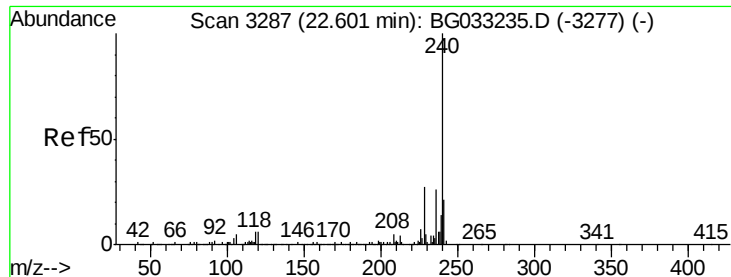
94 5.7 6.9 10.3#

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. -0.00 min

Lab File: BG033770.D

Acq: 12 Apr 2018 7:34

Instrument :

BNA_G

ClientSampleId :

041018-DBRI-E-D-S

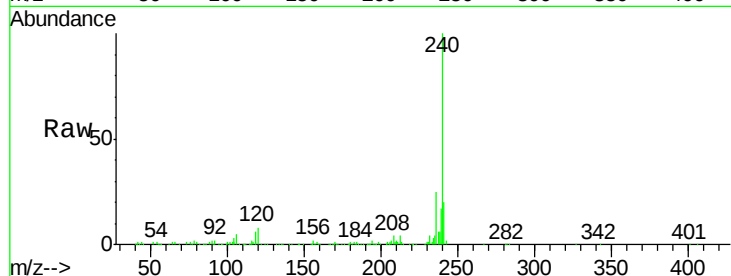
Tot Ion:240 Resp: 283073

Ion Ratio Lower Upper

240 100

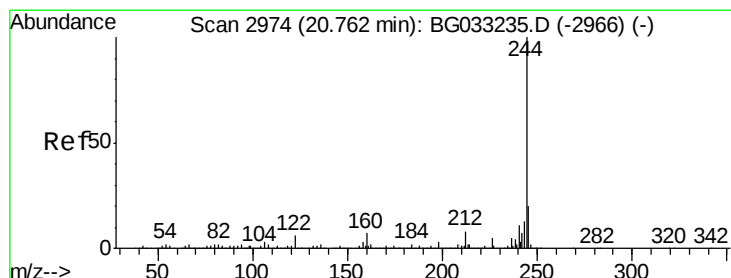
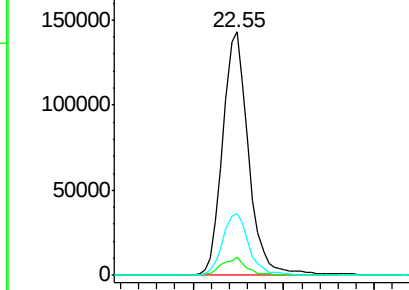
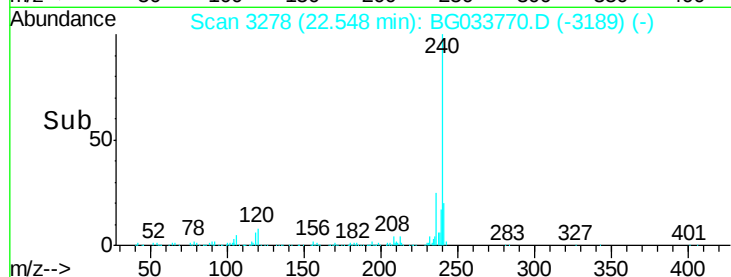
120 7.5 6.8 10.2

236 25.2 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

22.55



#78

Terphenyl-d14

Concen: 93.751 ng

RT: 20.72 min Scan# 2967

Delta R.T. -0.00 min

Lab File: BG033770.D

Acq: 12 Apr 2018 7:34

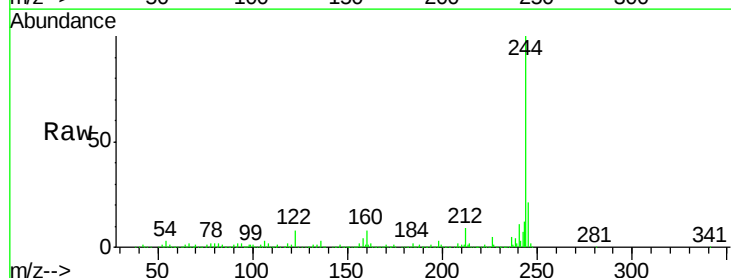
Tgt Ion:244 Resp: 1240924

Ion Ratio Lower Upper

244 100

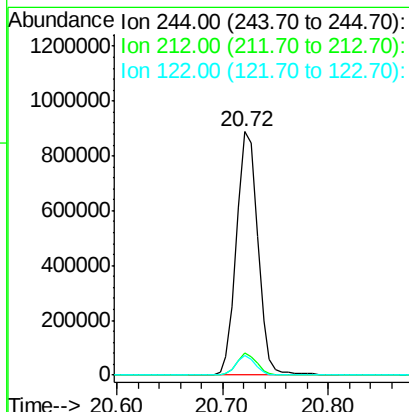
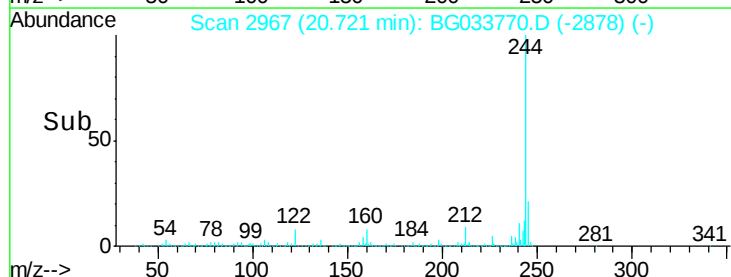
212 8.9 5.8 8.8#

122 7.8 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

20.72





#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.30 min Scan# 3917
Delta R.T. -0.00 min
Lab File: BG033770.D
Acq: 12 Apr 2018 7:34

Instrument :
BNA_G
ClientSampleId :
041018-DBRI-E-D-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.6	17.4	26.0
265	21.7	17.7	26.5

