

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031518\
 Data File : BG033178.D
 Acq On : 15 Mar 2018 15:59
 Operator : SJ/JU
 Sample : J1752-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-031418

Quant Time: Mar 16 05:20:01 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 14 13:59:34 2018
 Response via : Initial Calibration

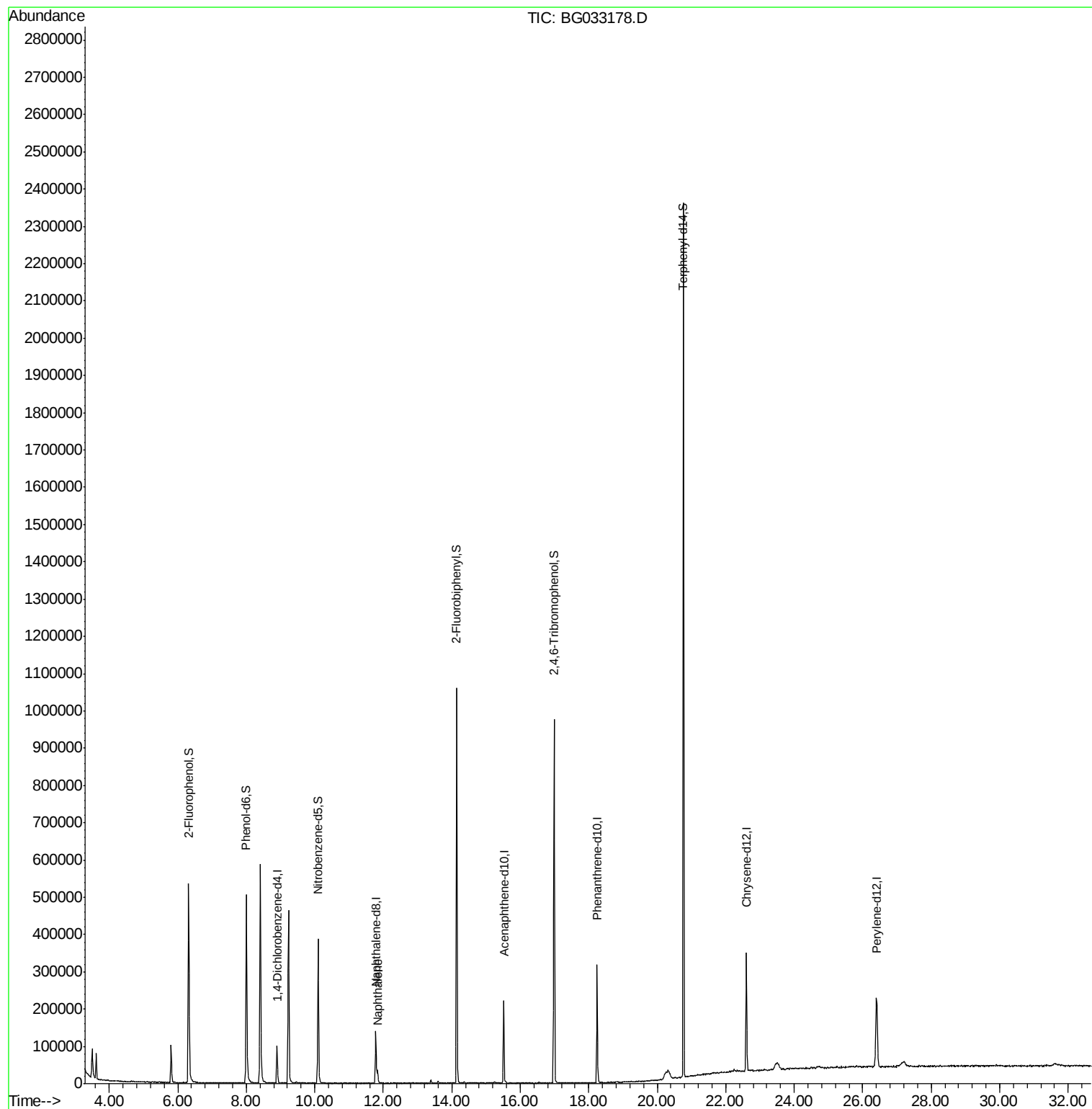
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	32061	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	135600	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	77353	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	202969	20.00	ng	0.00
75) Chrysene-d12	22.60	240	210514	20.00	ng	0.00
86) Perylene-d12	26.40	264	233205	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.32	112	282771	141.10	ng	0.00
7) Phenol-d6	8.00	99	343903	123.12	ng	0.00
23) Nitrobenzene-d5	10.10	82	255222	125.29	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	204912	251.94	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	569773	106.23	ng	0.00
78) Terphenyl-d14	20.76	244	1083837	115.67	ng	0.00
Target Compounds						
31) Naphthalene	11.83	128	31821	4.491	ng	Qvalue 97

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

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Quant Time: Mar 16 05:20:01 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 14 13:59:34 2018
Response via : Initial Calibration



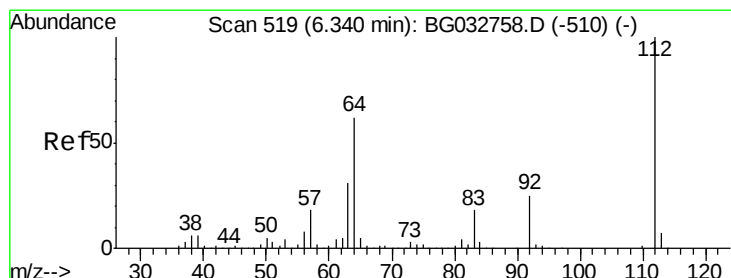
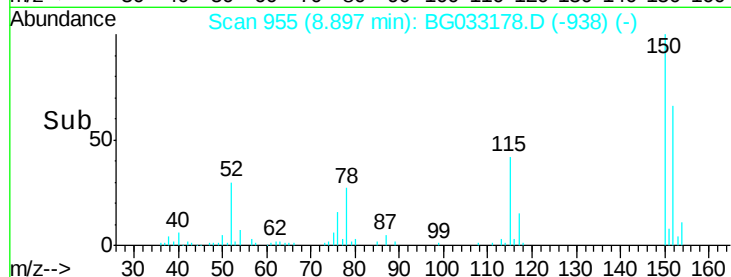
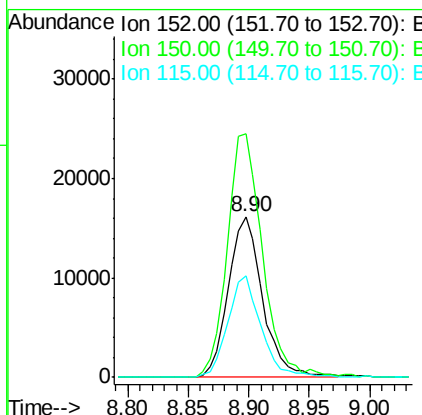
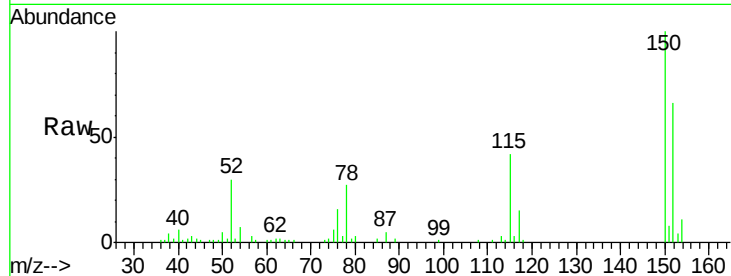


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.00 min
Lab File: BG033178.D
Acq: 15 Mar 2018 15:59

Instrument :
BNA_G
ClientSampleId :
NB-08-031418

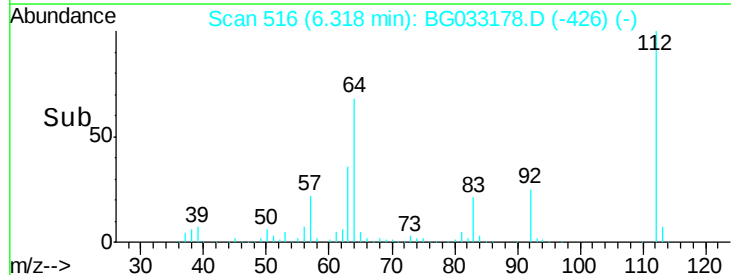
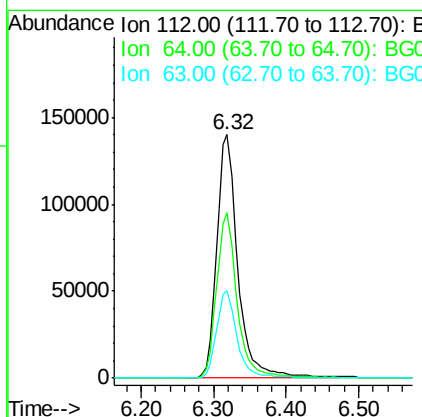
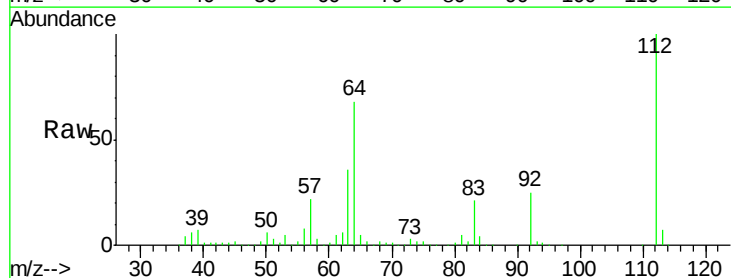
Tot Ion:152 Resp: 32061
Ion Ratio Lower Upper
152 100
150 151.6 126.6 189.8
115 63.0 53.0 79.4



#5

2-Fluorophenol
Concen: 141.104 ng
RT: 6.32 min Scan# 516
Delta R.T. -0.00 min
Lab File: BG033178.D
Acq: 15 Mar 2018 15:59

Tgt Ion:112 Resp: 282771
Ion Ratio Lower Upper
112 100
64 68.0 56.3 84.5
63 36.2 30.1 45.1





#7

Phenol-d6

Concen: 123.118 ng

RT: 8.00 min Scan# 803

Delta R.T. -0.01 min

Lab File: BG033178.D

Acq: 15 Mar 2018 15:59

Instrument :

BNA_G

ClientSampleId :

NB-08-031418

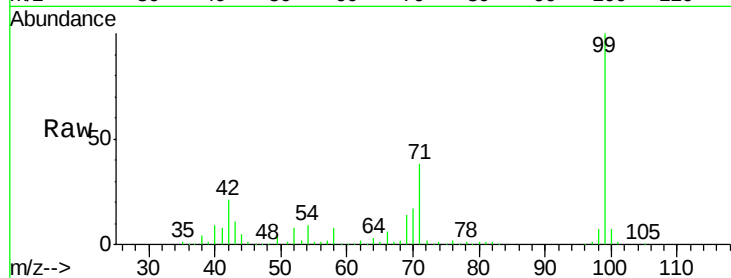
Tot Ion: 99 Resp: 343903

Ion Ratio Lower Upper

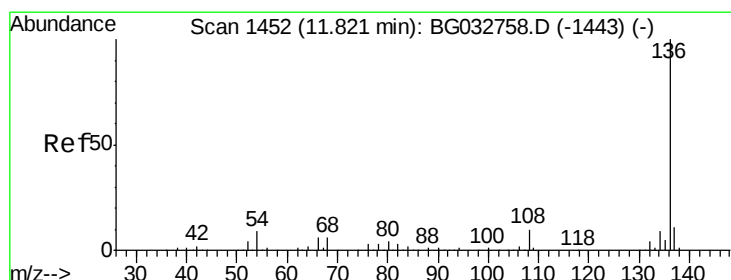
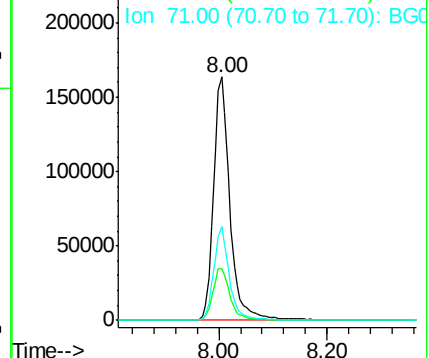
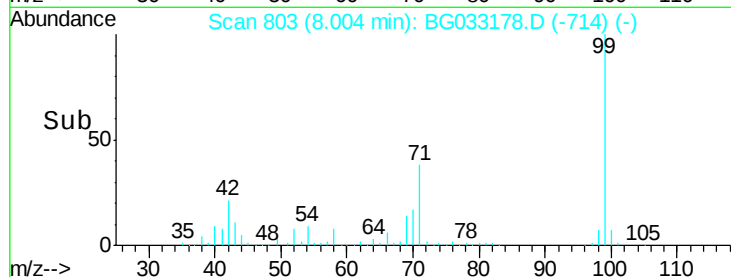
99 100

42 21.4 14.1 21.1#

71 38.5 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: 11.78 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BG033178.D

Acq: 15 Mar 2018 15:59

Tgt Ion: 136 Resp: 135600

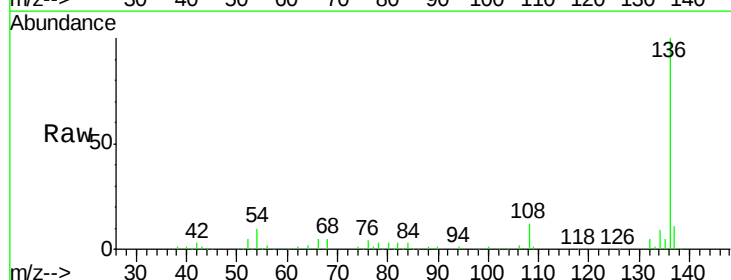
Ion Ratio Lower Upper

136 100

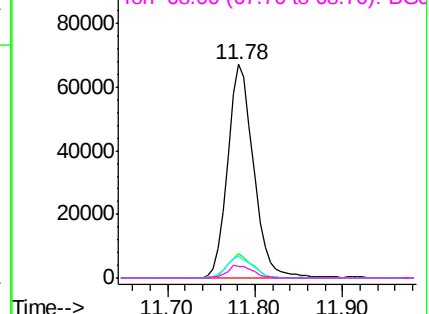
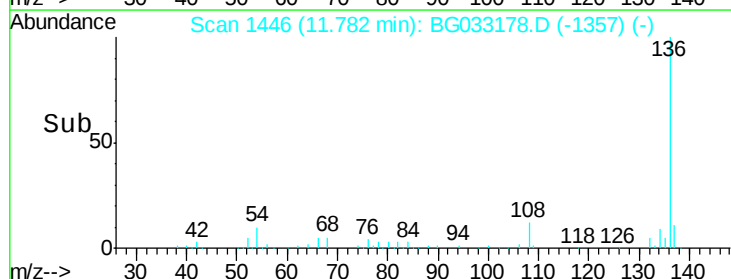
137 11.1 9.2 13.8

54 9.9 10.3 15.5#

68 5.1 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: 125.294 ng

RT: 10.10 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BG033178.D

Acq: 15 Mar 2018 15:59

Instrument :

BNA_G

ClientSampleId :

NB-08-031418

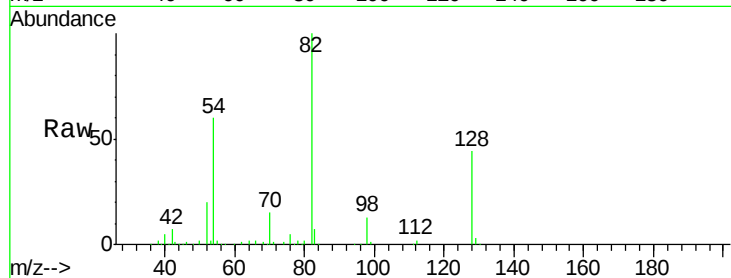
Tot Ion: 82 Resp: 255222

Ion Ratio Lower Upper

82 100

128 43.6 29.7 44.5

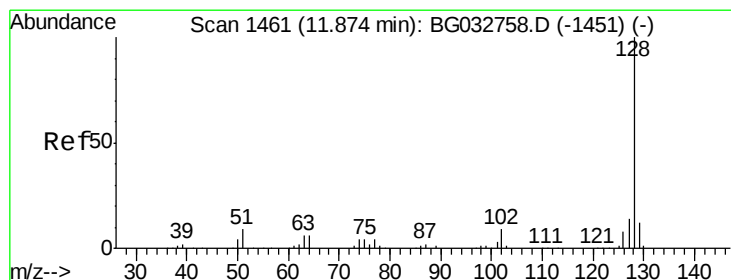
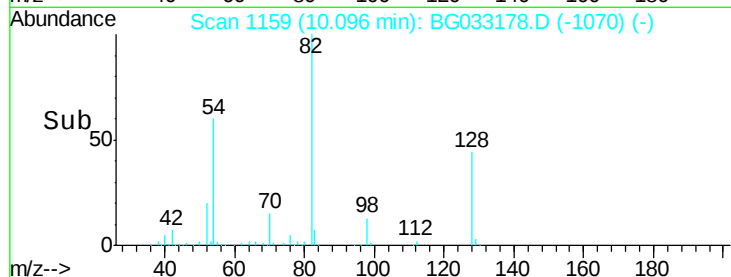
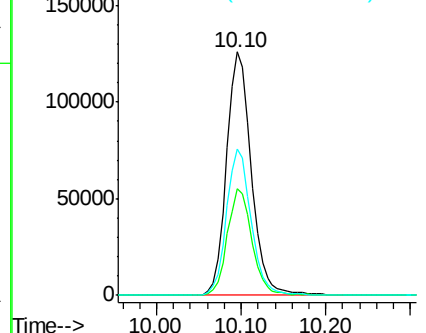
54 60.3 43.1 64.7



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



#31

Naphthalene

Concen: 4.491 ng

RT: 11.83 min Scan# 1455

Delta R.T. -0.01 min

Lab File: BG033178.D

Acq: 15 Mar 2018 15:59

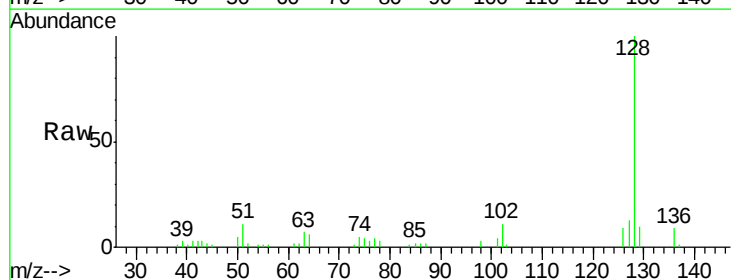
Tgt Ion: 128 Resp: 31821

Ion Ratio Lower Upper

128 100

129 9.7 8.6 12.8

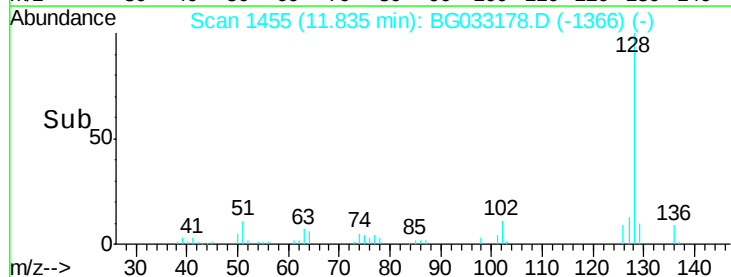
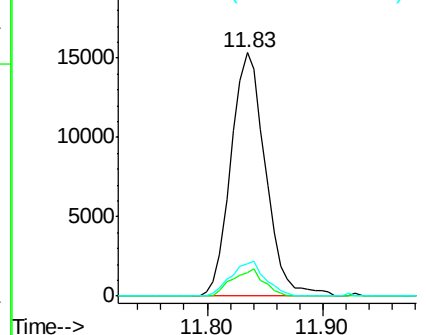
127 13.2 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 129.00 (128.70 to 129.70): BGC

Ion 127.00 (126.70 to 127.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.52 min Scan# 2082

Delta R.T. -0.00 min

Lab File: BG033178.D

Acq: 15 Mar 2018 15:59

Instrument :

BNA_G

ClientSampleId :

NB-08-031418

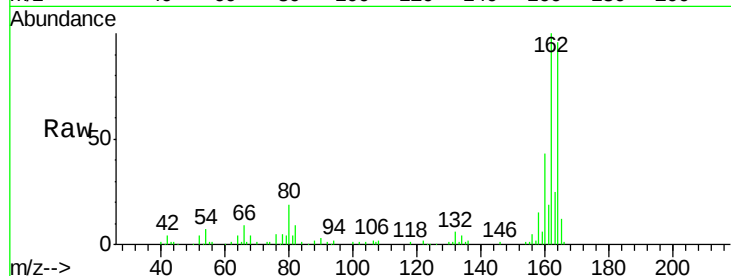
Tot Ion:164 Resp: 77353

Ion Ratio Lower Upper

164 100

162 104.1 78.8 118.2

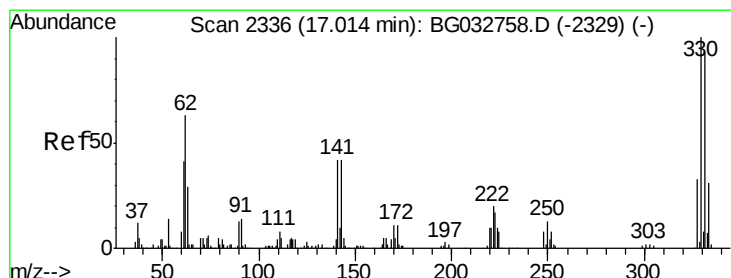
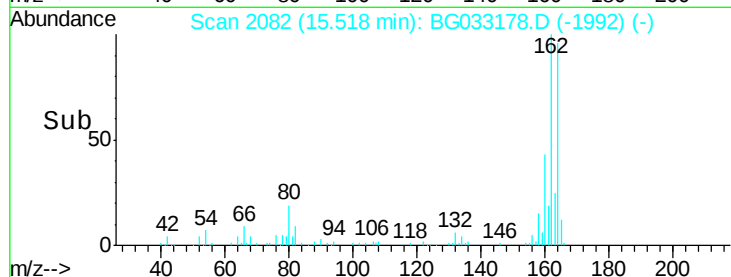
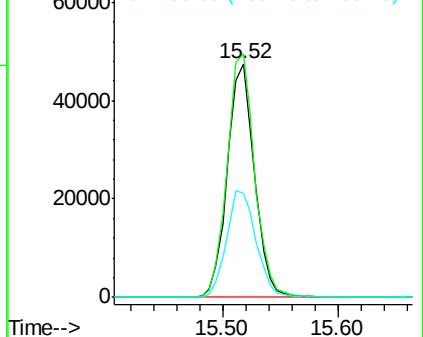
160 44.8 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 251.939 ng

RT: 16.99 min Scan# 2333

Delta R.T. -0.00 min

Lab File: BG033178.D

Acq: 15 Mar 2018 15:59

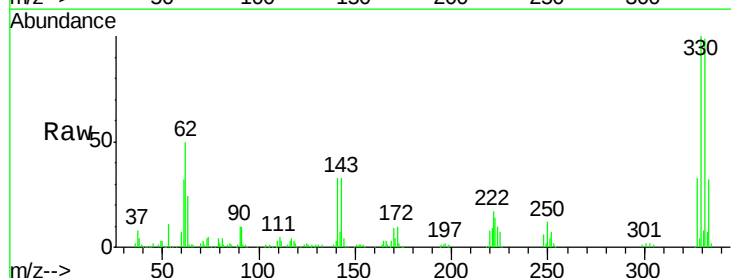
Tgt Ion:330 Resp: 204912

Ion Ratio Lower Upper

330 100

332 97.2 77.0 115.6

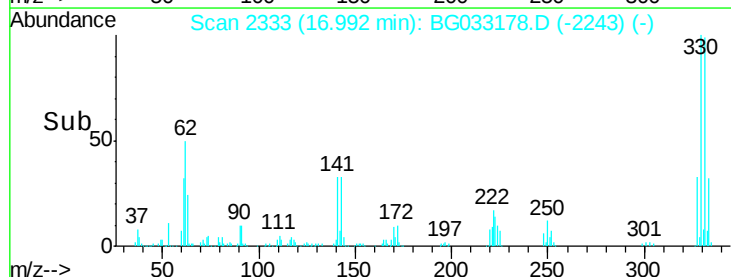
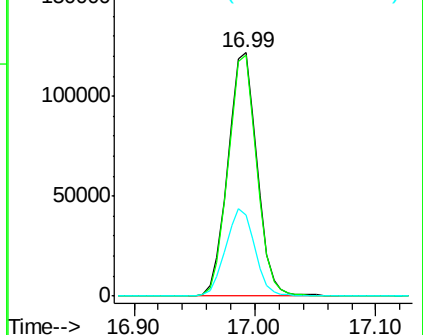
141 35.6 25.2 37.8

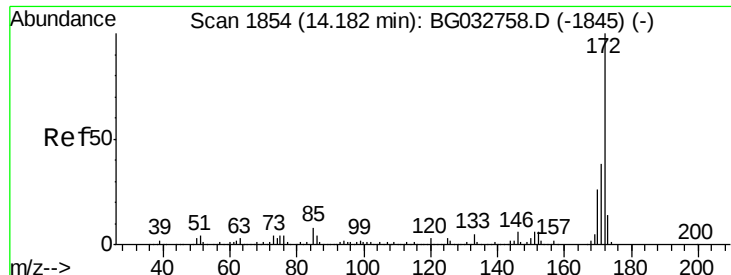


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

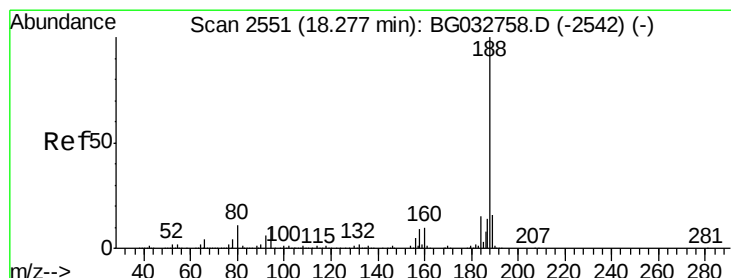
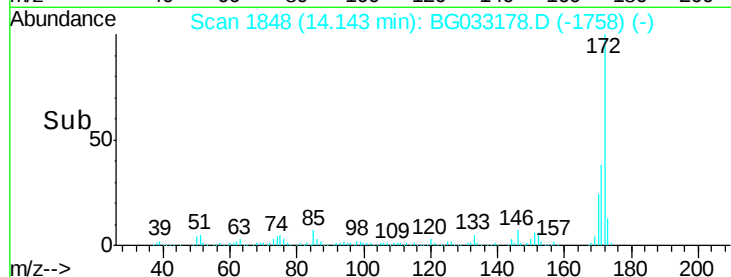
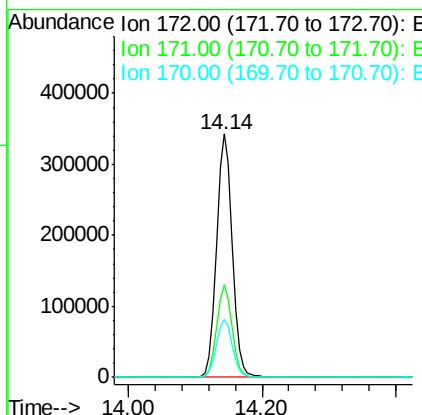
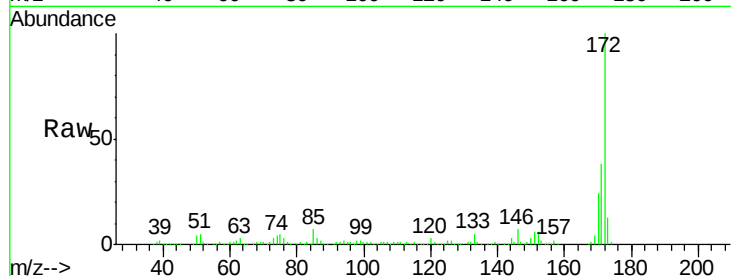




#44
 2-Fluorobiphenyl
 Concen: 106.235 ng
 RT: 14.14 min Scan# 1848
 Delta R.T. -0.00 min
 Lab File: BG033178.D
 Acq: 15 Mar 2018 15:59

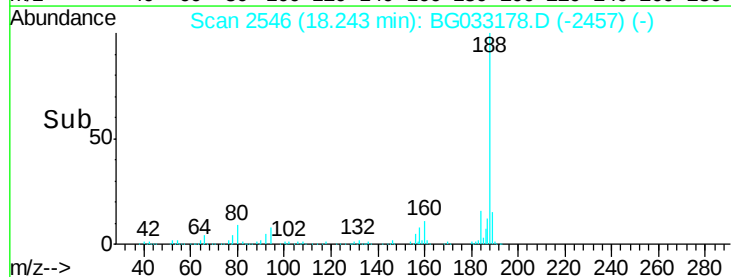
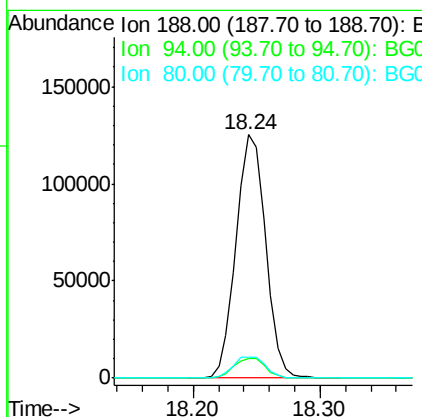
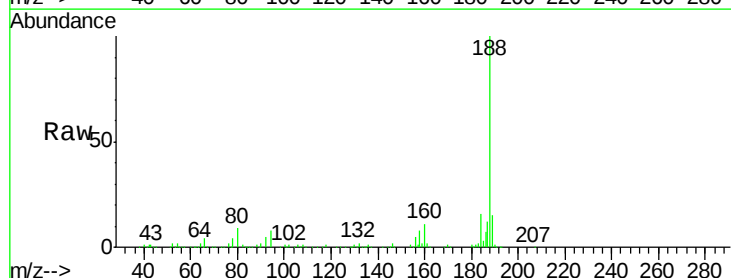
Instrument :
 BNA_G
 ClientSampleId :
 NB-08-031418

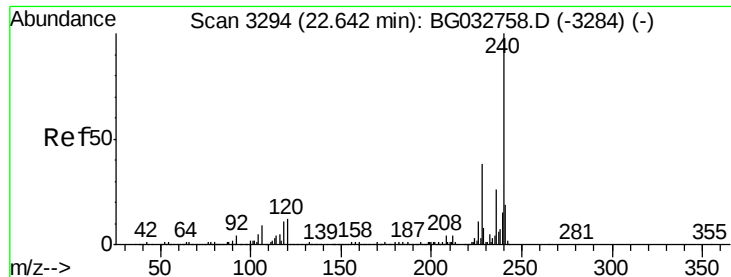
Tot Ion:172 Resp: 569773
 Ion Ratio Lower Upper
 172 100
 171 38.2 30.0 45.0
 170 24.0 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.24 min Scan# 2546
 Delta R.T. -0.01 min
 Lab File: BG033178.D
 Acq: 15 Mar 2018 15:59

Tgt Ion:188 Resp: 202969
 Ion Ratio Lower Upper
 188 100
 94 8.3 6.9 10.3
 80 8.8 7.7 11.5

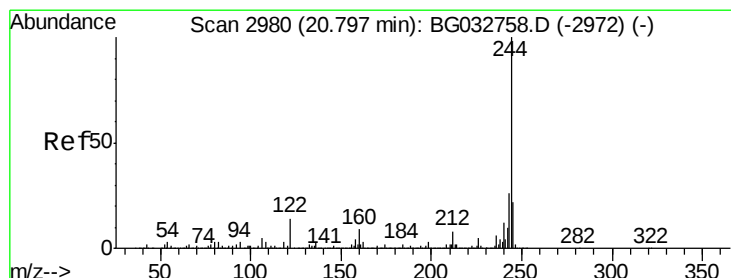
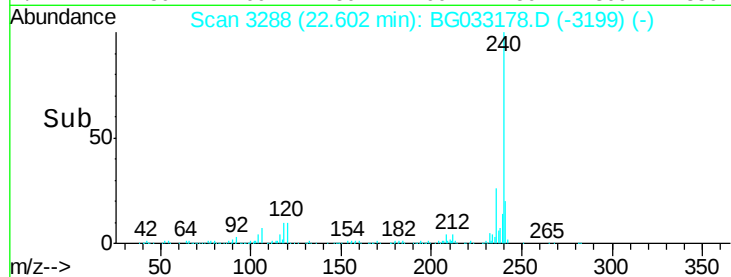
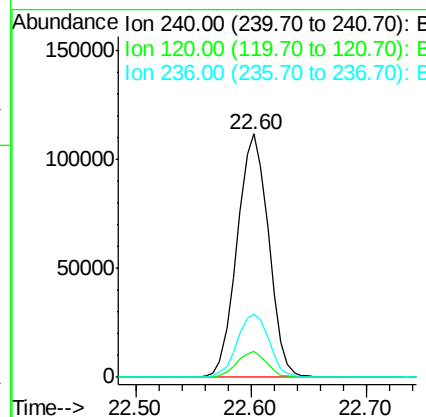
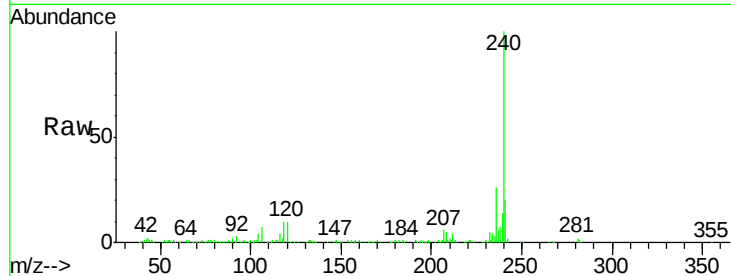




#75
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 22.60 min Scan# 3288
 Delta R.T. -0.01 min
 Lab File: BG033178.D
 Acq: 15 Mar 2018 15:59

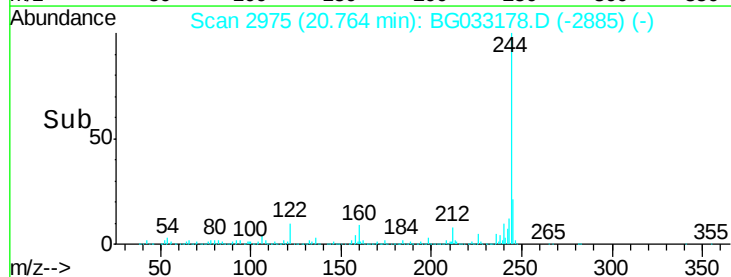
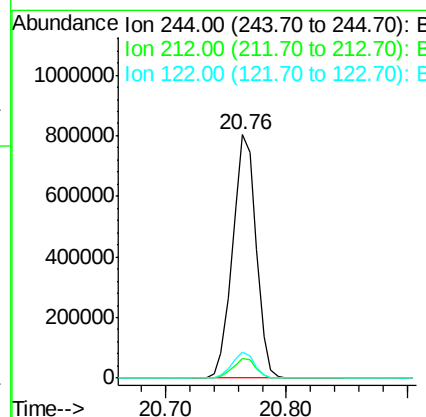
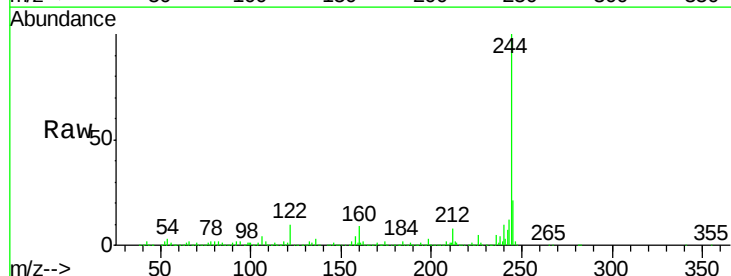
Instrument :
 BNA_G
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 NB-08-031418

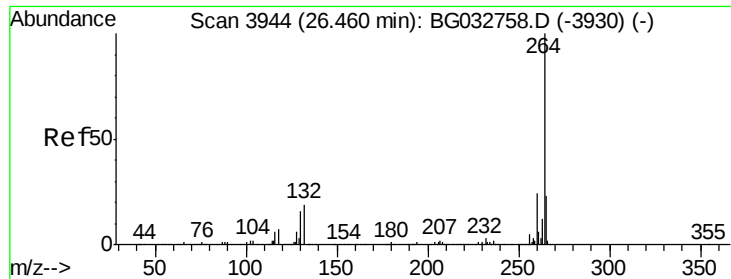
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.4	6.8	10.2#
236	25.9	20.9	31.3



#78
 Terphenyl-d14
 Concen: 115.673 ng
 RT: 20.76 min Scan# 2975
 Delta R.T. -0.00 min
 Lab File: BG033178.D
 Acq: 15 Mar 2018 15:59

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.8	8.8
122	10.5	7.0	10.4#





#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.40 min Scan# 3935
Delta R.T. -0.01 min
Lab File: BG033178.D
Acq: 15 Mar 2018 15:59

Instrument :
BNA_G
ClientSampleId :
NB-08-031418

Tot Ion	Ratio	Lower	Upper
264	100		
260	20.7	17.4	26.0
265	21.6	17.7	26.5

