

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030818\
 Data File : BG033057.D
 Acq On : 9 Mar 2018 2:17
 Operator : SJ/JU
 Sample : J1819-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-10

Quant Time: Mar 09 04:26:14 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 06 17:38:59 2018
 Response via : Initial Calibration

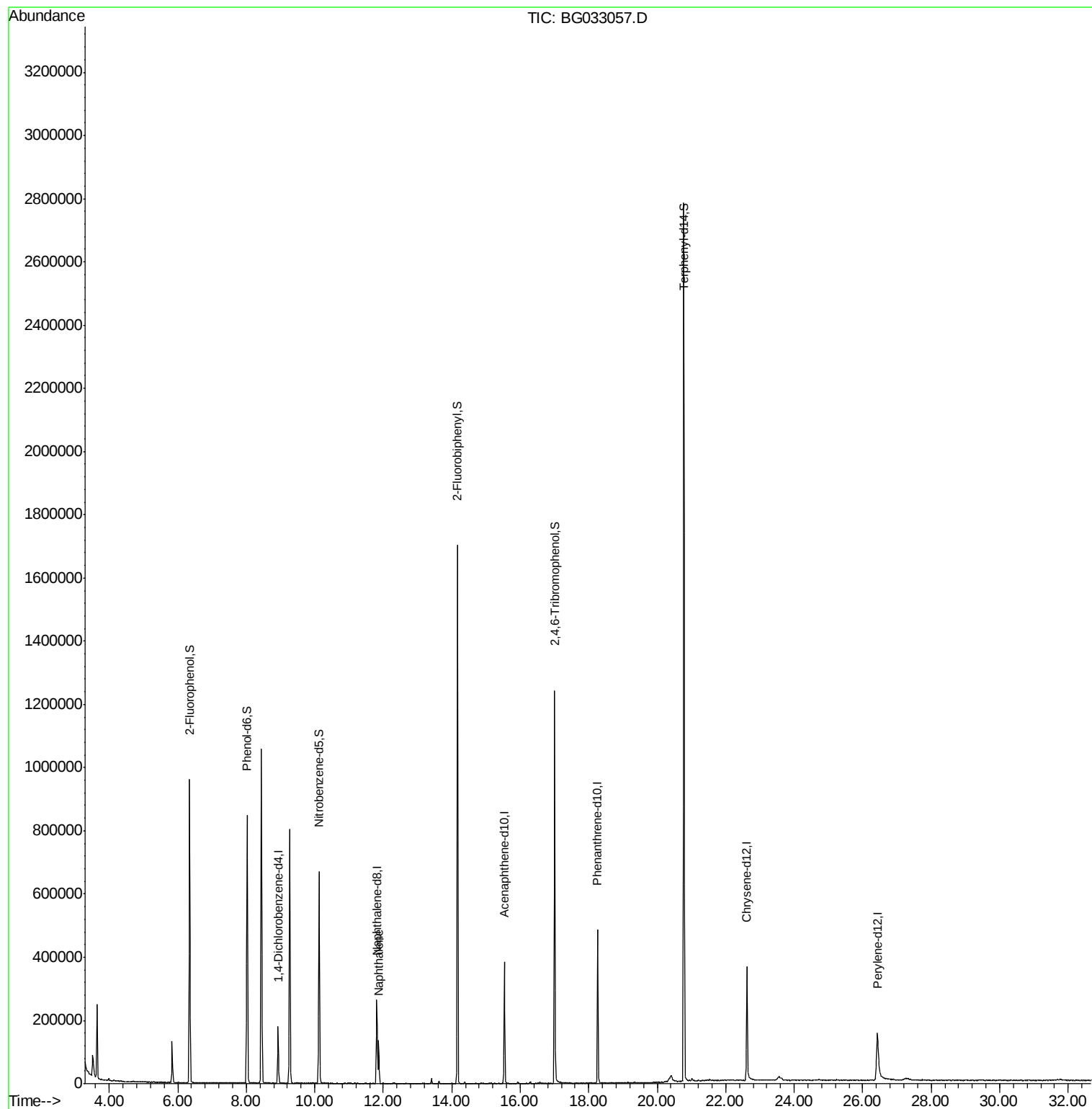
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.93	152	54383	20.00	ng	0.01
21) Naphthalene-d8	11.81	136	233086	20.00	ng	0.01
38) Acenaphthene-d10	15.54	164	129976	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	295200	20.00	ng	0.00
75) Chrysene-d12	22.62	240	272336	20.00	ng	0.00
86) Perylene-d12	26.43	264	252681	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.35	112	450143	132.42	ng	0.03
7) Phenol-d6	8.03	99	527066	111.24	ng	0.02
23) Nitrobenzene-d5	10.13	82	419366	120.21	ng	0.01
41) 2,4,6-Tribromophenol	17.00	330	219804	160.83	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	877879	97.41	ng	0.01
78) Terphenyl-d14	20.78	244	1318996	108.82	ng	0.01
Target Compounds						
31) Naphthalene	11.86	128	116185	9.539	ng	Qvalue 99

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

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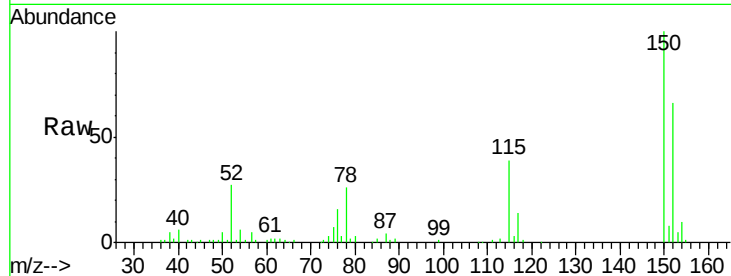


#1

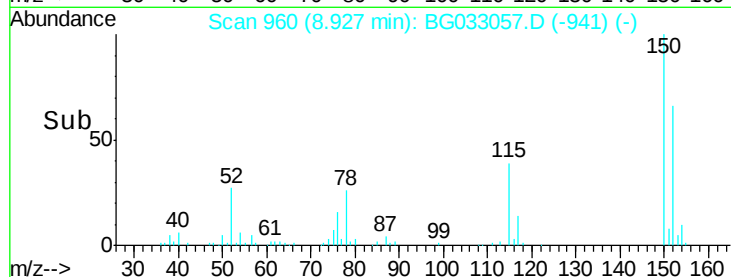
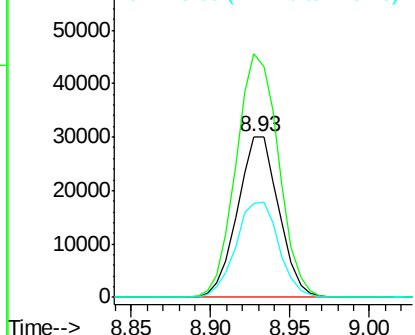
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.93 min Scan# 960
 Delta R.T. 0.01 min
 Lab File: BG033057.D
 Acq: 9 Mar 2018 2:17

Instrument :
 BNA_G
 ClientSampleId :
 TP-10

Tot Ion:152 Resp: 54383
 Ion Ratio Lower Upper
 152 100
 150 151.4 126.6 189.8
 115 58.3 53.0 79.4



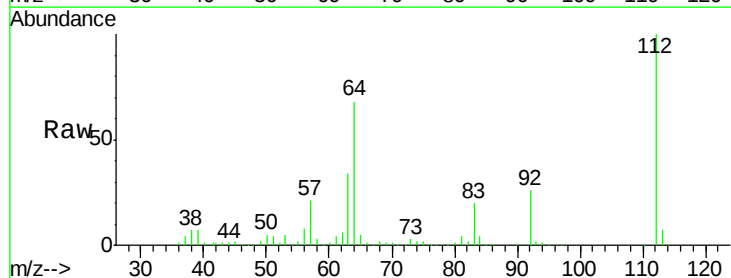
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



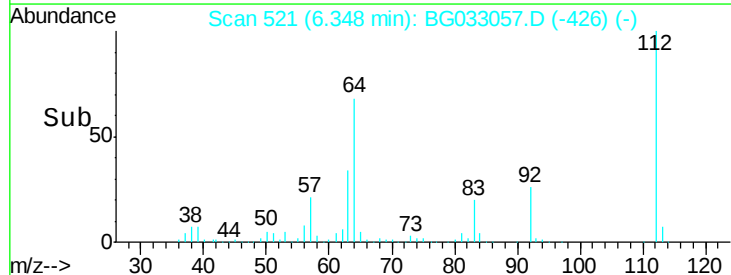
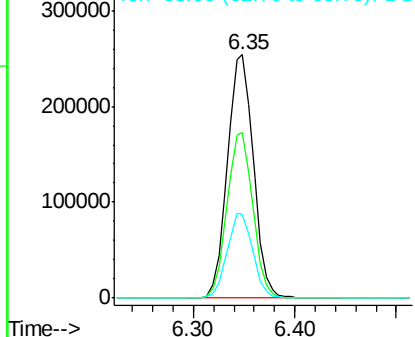
#5

2-Fluorophenol
 Concen: 132.424 ng
 RT: 6.35 min Scan# 521
 Delta R.T. 0.03 min
 Lab File: BG033057.D
 Acq: 9 Mar 2018 2:17

Tgt Ion:112 Resp: 450143
 Ion Ratio Lower Upper
 112 100
 64 68.0 56.3 84.5
 63 34.4 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BGC
 Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 111.240 ng

RT: 8.03 min Scan# 807

Delta R.T. 0.02 min

Lab File: BG033057.D

Acq: 9 Mar 2018 2:17

Instrument :

BNA_G

ClientSampleId :

TP-10

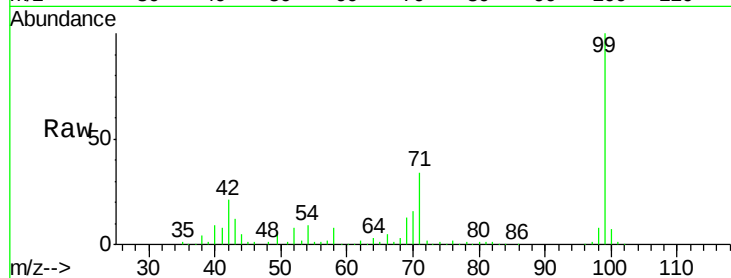
Tot Ion: 99 Resp: 527066

Ion Ratio Lower Upper

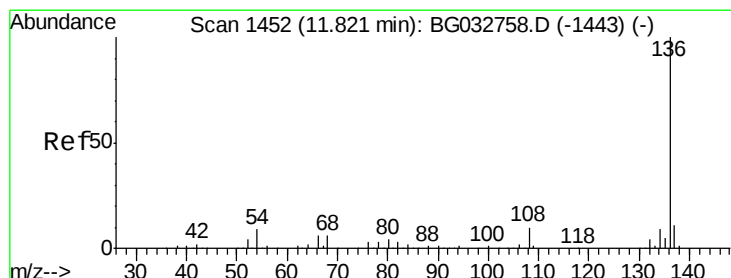
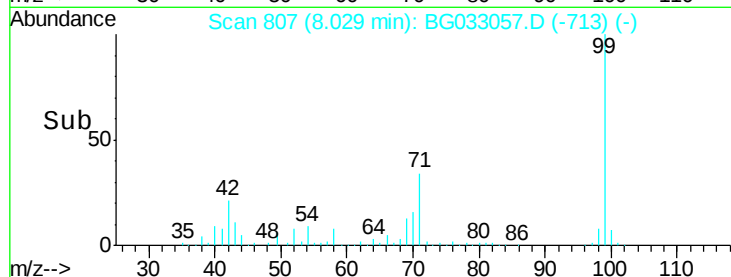
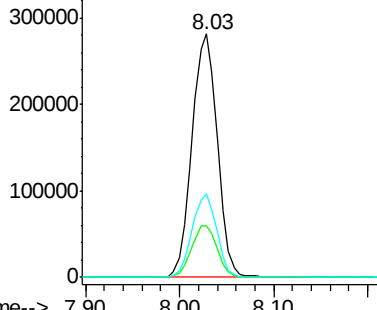
99 100

42 21.1 14.1 21.1

71 34.4 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: 11.81 min Scan# 1451

Delta R.T. 0.01 min

Lab File: BG033057.D

Acq: 9 Mar 2018 2:17

Tgt Ion: 136 Resp: 233086

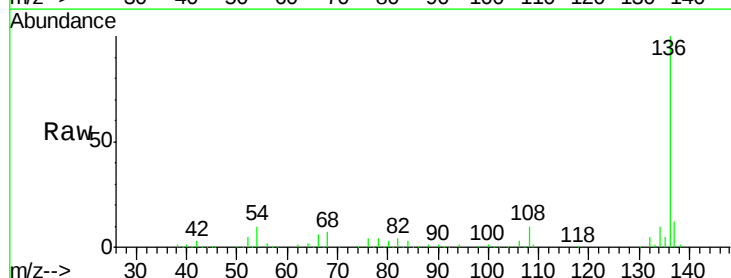
Ion Ratio Lower Upper

136 100

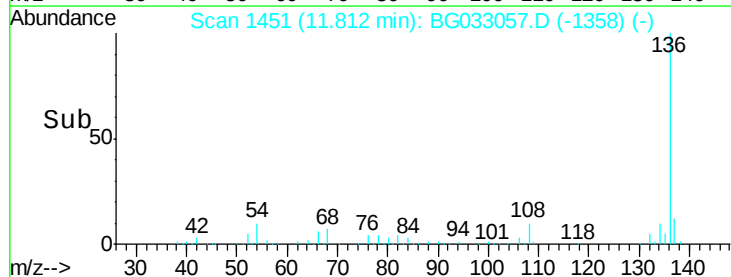
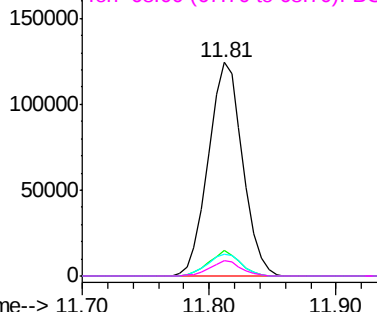
137 12.0 9.2 13.8

54 10.5 10.3 15.5

68 7.2 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

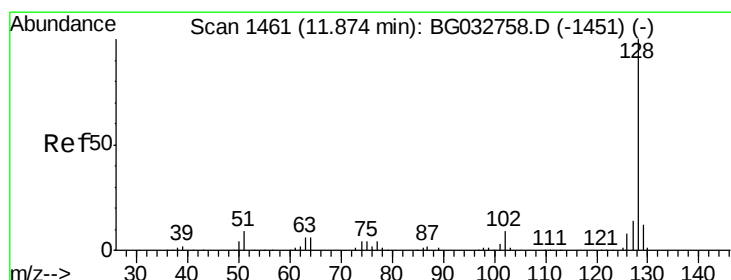
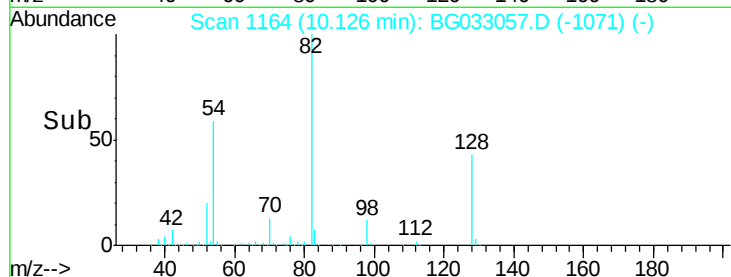
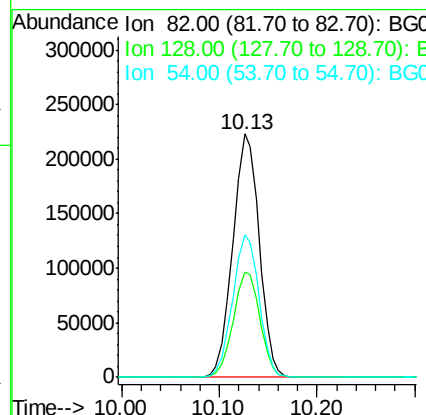
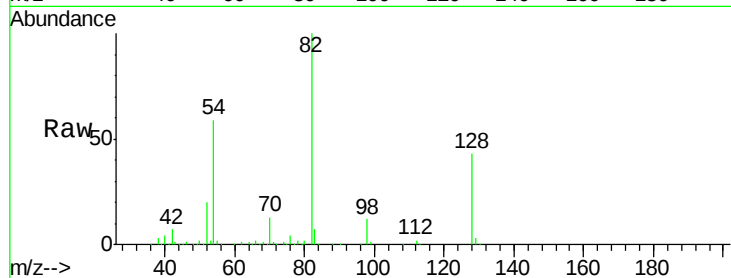




#23
Nitrobenzene-d5
Concen: 120.207 ng
RT: 10.13 min Scan# 1164
Delta R.T. 0.01 min
Lab File: BG033057.D
Acq: 9 Mar 2018 2:17

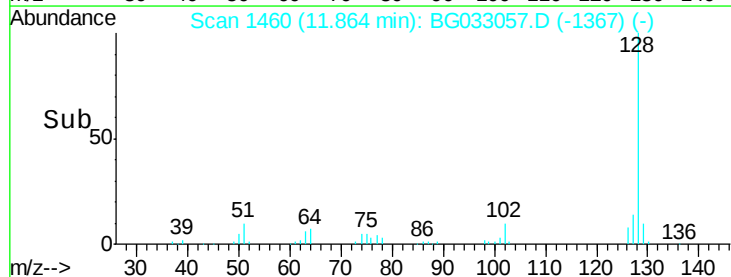
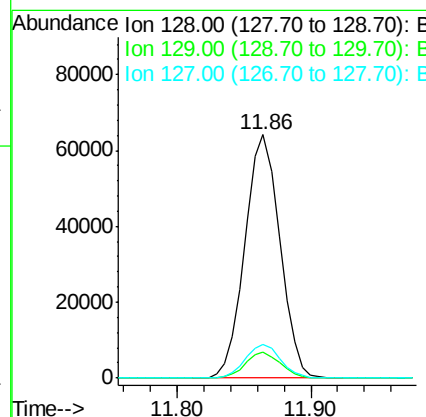
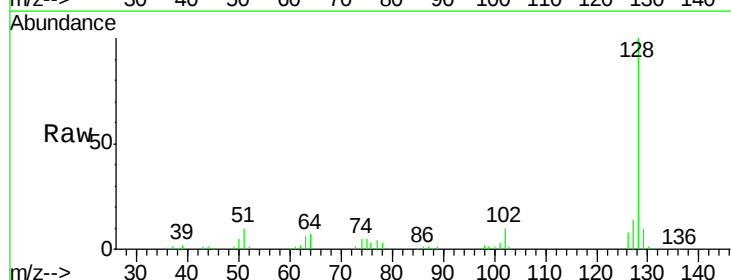
Instrument :
BNA_G
ClientSampled :
TP-10

Tot Ion: 82 Resp: 419366
Ion Ratio Lower Upper
82 100
128 43.2 29.7 44.5
54 58.6 43.1 64.7



#31
Naphthalene
Concen: 9.539 ng
RT: 11.86 min Scan# 1460
Delta R.T. 0.01 min
Lab File: BG033057.D
Acq: 9 Mar 2018 2:17

Tgt Ion: 128 Resp: 116185
Ion Ratio Lower Upper
128 100
129 10.4 8.6 12.8
127 14.1 11.6 17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.54 min Scan# 2085

Delta R.T. 0.01 min

Lab File: BG033057.D

Acq: 9 Mar 2018 2:17

Instrument :

BNA_G

ClientSampleId :

TP-10

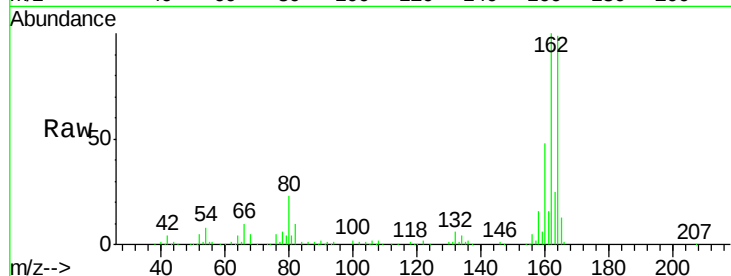
Tot Ion:164 Resp: 129976

Ion Ratio Lower Upper

164 100

162 101.2 78.8 118.2

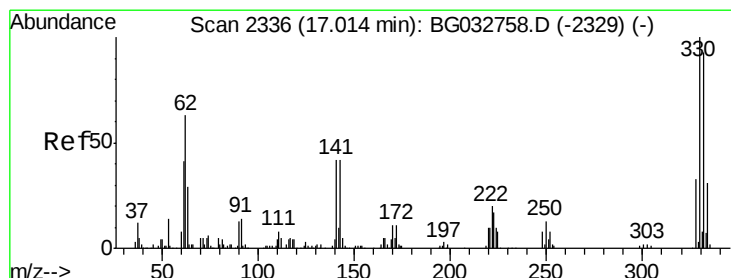
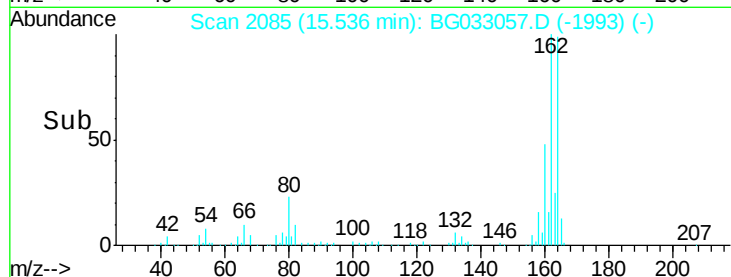
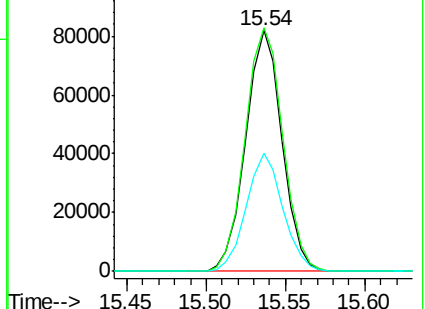
160 49.1 35.4 53.0



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: 160.834 ng

RT: 17.00 min Scan# 2335

Delta R.T. 0.01 min

Lab File: BG033057.D

Acq: 9 Mar 2018 2:17

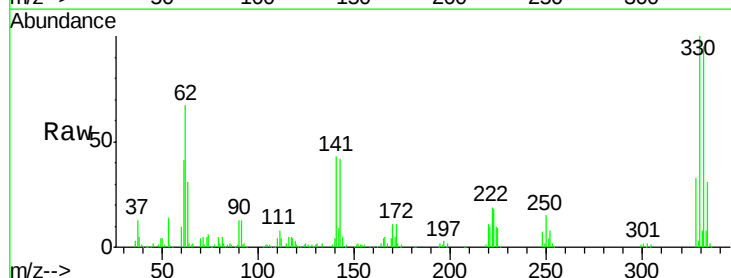
Tgt Ion:330 Resp: 219804

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.6

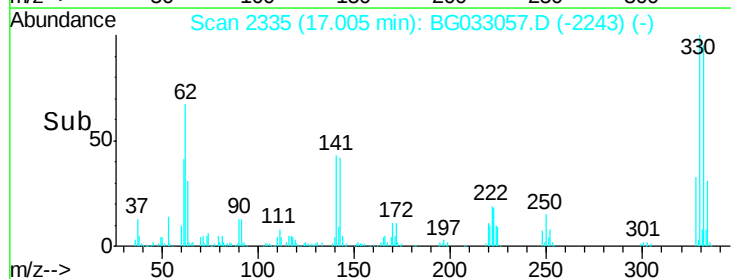
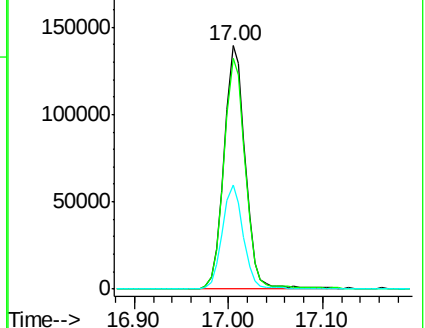
141 42.1 25.2 37.8#



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

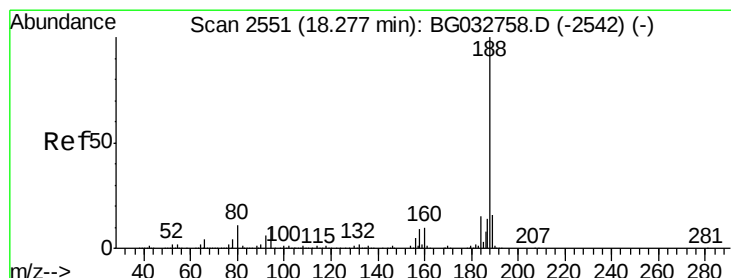
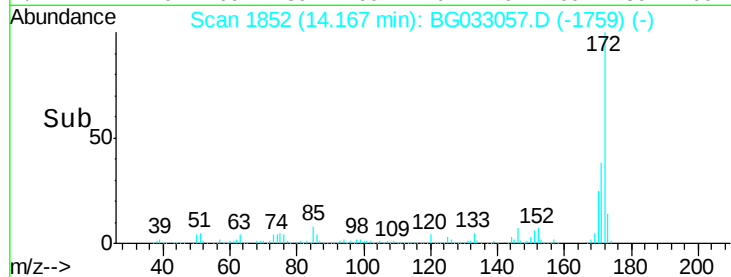
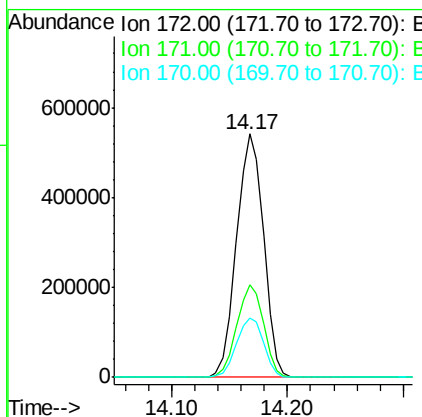
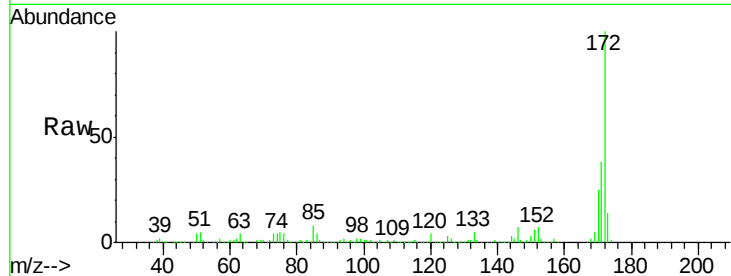




#44
 2-Fluorobiphenyl
 Concen: 97.412 ng
 RT: 14.17 min Scan# 1852
 Delta R.T. 0.01 min
 Lab File: BG033057.D
 Acq: 9 Mar 2018 2:17

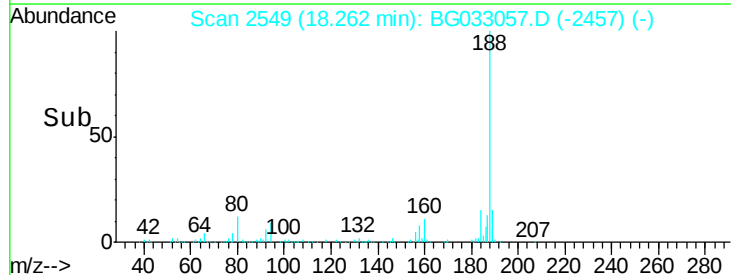
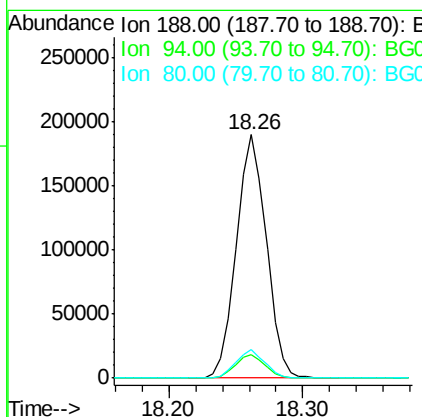
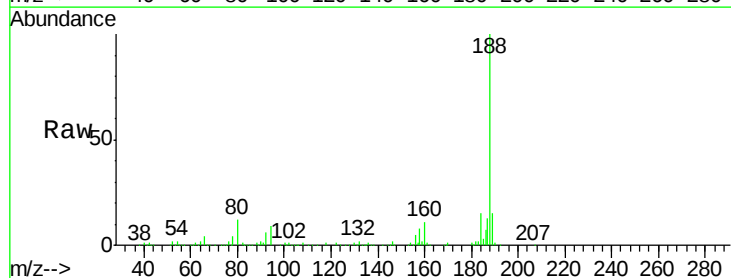
Instrument :
 BNA_G
 ClientSampleId :
 TP-10

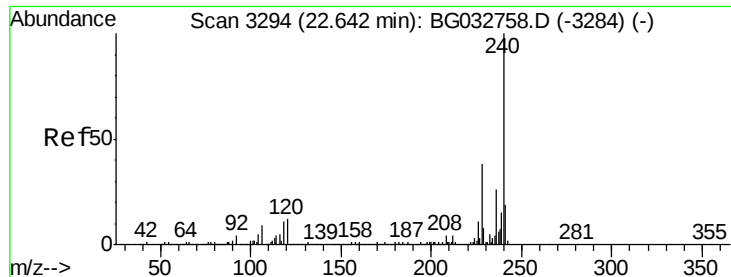
Tot Ion:172 Resp: 877879
 Ion Ratio Lower Upper
 172 100
 171 37.8 30.0 45.0
 170 24.6 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.26 min Scan# 2549
 Delta R.T. 0.01 min
 Lab File: BG033057.D
 Acq: 9 Mar 2018 2:17

Tgt Ion:188 Resp: 295200
 Ion Ratio Lower Upper
 188 100
 94 9.4 6.9 10.3
 80 11.5 7.7 11.5#

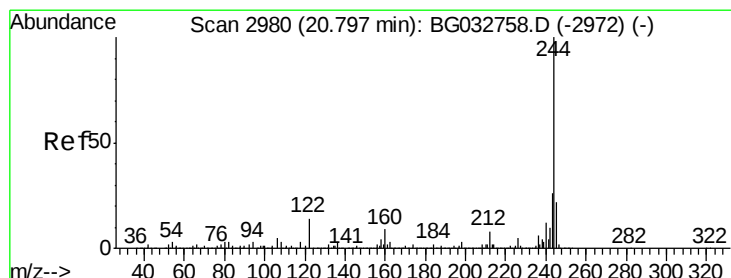
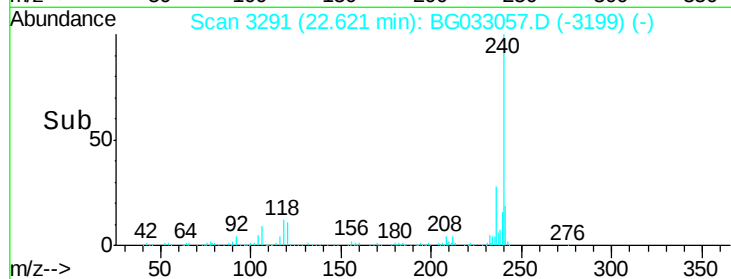
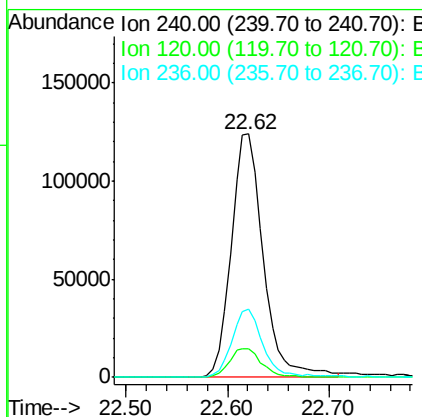
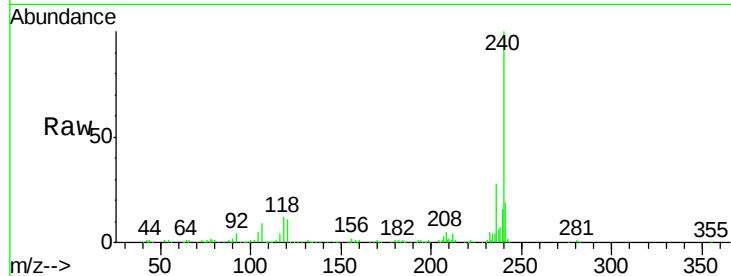




#75
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 22.62 min Scan# 3291
 Delta R.T. 0.01 min
 Lab File: BG033057.D
 Acq: 9 Mar 2018 2:17

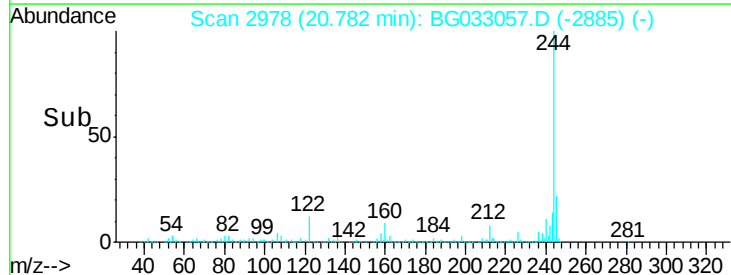
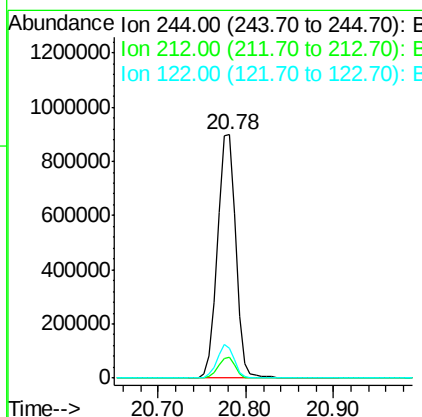
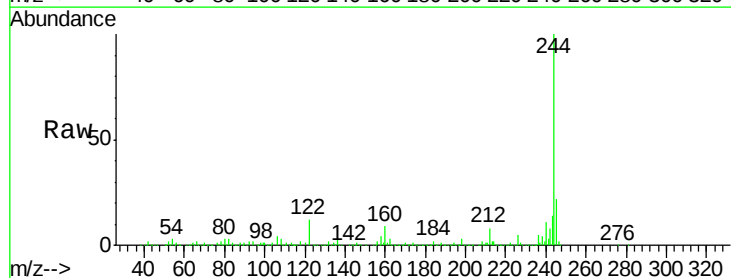
Instrument :
 BNA_G
 ClientSampleId :
 TP-10

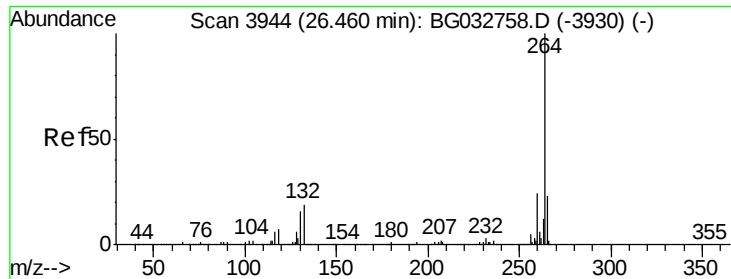
Tot Ion:240 Resp: 272336
 Ion Ratio Lower Upper
 240 100
 120 11.5 6.8 10.2#
 236 28.1 20.9 31.3



#78
 Terphenyl-d14
 Concen: 108.815 ng
 RT: 20.78 min Scan# 2978
 Delta R.T. 0.01 min
 Lab File: BG033057.D
 Acq: 9 Mar 2018 2:17

Tgt Ion:244 Resp: 1318996
 Ion Ratio Lower Upper
 244 100
 212 8.4 5.8 8.8
 122 12.5 7.0 10.4#

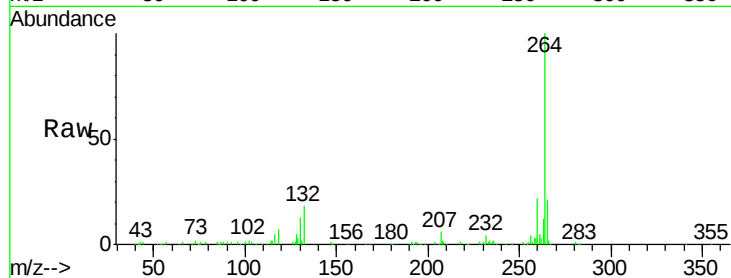




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.43 min Scan# 3939
Delta R.T. 0.02 min
Lab File: BG033057.D
Acq: 9 Mar 2018 2:17

Instrument :
BNA_G
ClientSampleId :
TP-10

Tot Ion:264 Resp: 252681
Ion Ratio Lower Upper
264 100
260 22.5 17.4 26.0
265 20.8 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

