

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030818\
 Data File : BG033059.D
 Acq On : 9 Mar 2018 3:32
 Operator : SJ/JU
 Sample : J1820-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Quant Time: Mar 09 04:28:51 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	8.91	152	53795	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	229458	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	127578	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	285861	20.00	ng	0.00
75) Chrysene-d12	22.61	240	277533	20.00	ng	0.00
86) Perylene-d12	26.41	264	247272	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	463261	137.77	ng	0.00
7) Phenol-d6	8.01	99	546942	116.70	ng	0.00
23) Nitrobenzene-d5	10.11	82	422854	122.88	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	213395	159.08	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	868568	98.19	ng	0.00
78) Terphenyl-d14	20.77	244	1317609	106.67	ng	0.00

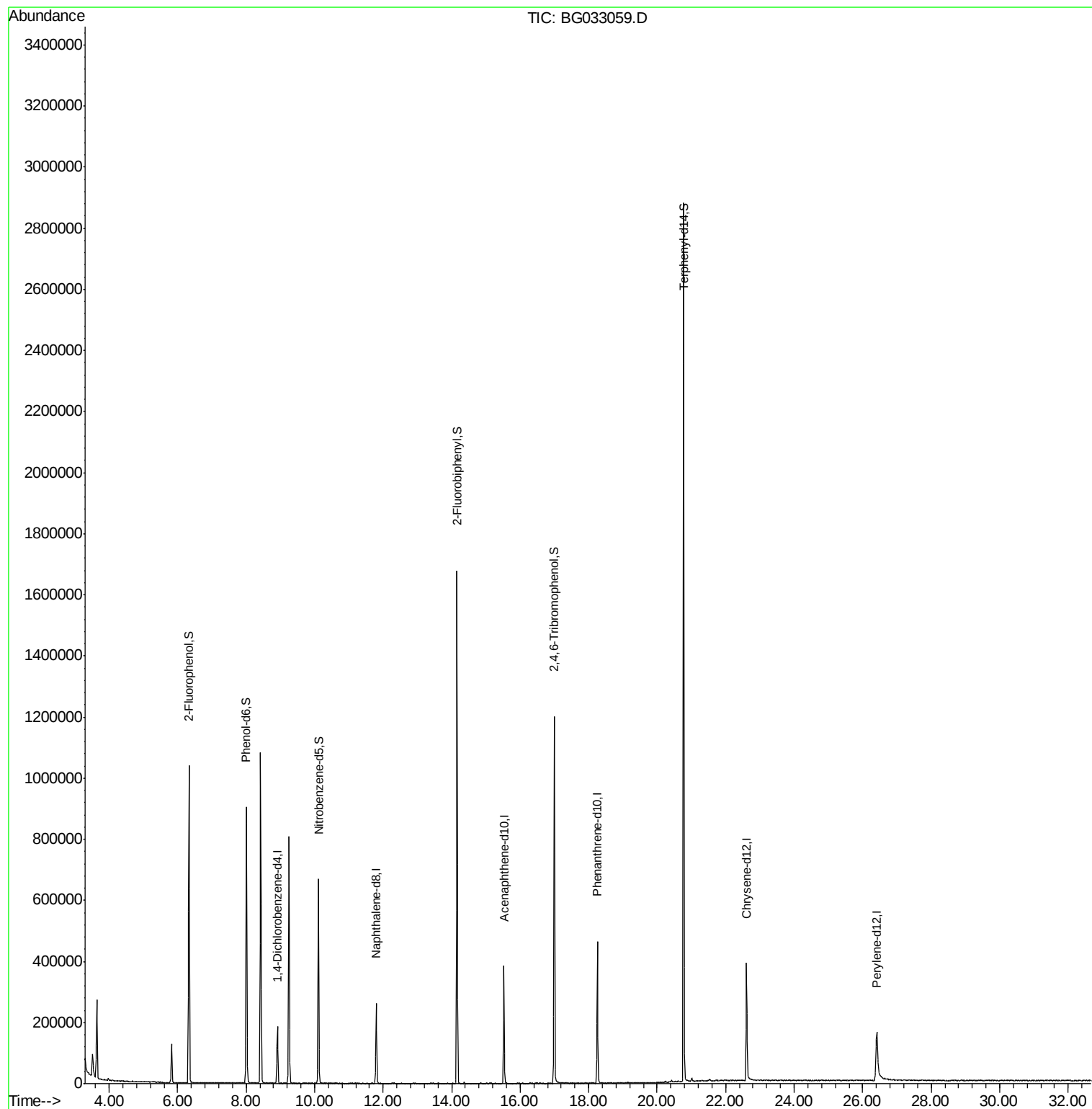
Target Compounds Qvalue

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

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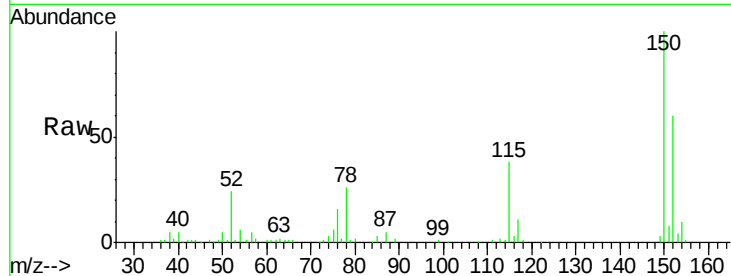


#1

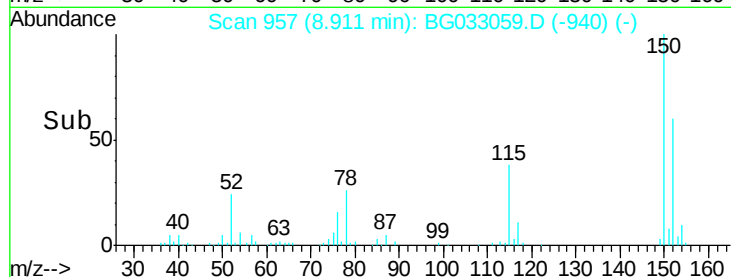
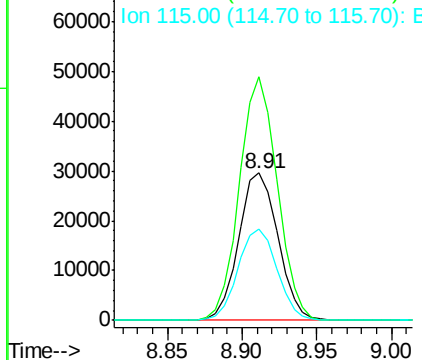
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG033059.D
Acq: 9 Mar 2018 3:32

Instrument :
BNA_G
ClientSampleId :
TP-1

Tot Ion:152 Resp: 53795
Ion Ratio Lower Upper
152 100
150 165.5 126.6 189.8
115 62.4 53.0 79.4



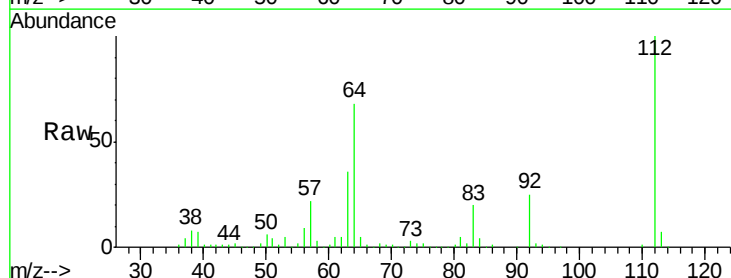
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



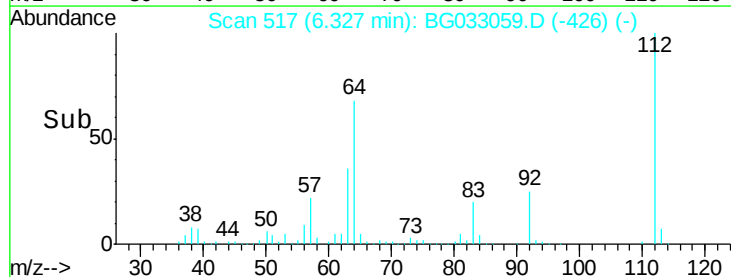
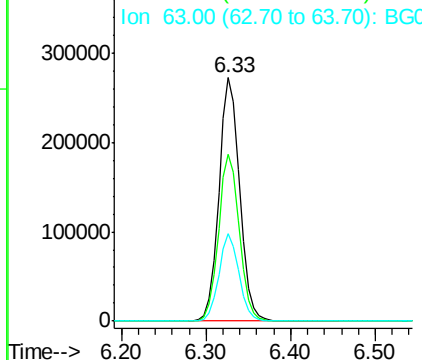
#5

2-Fluorophenol
Concen: 137.773 ng
RT: 6.33 min Scan# 517
Delta R.T. 0.00 min
Lab File: BG033059.D
Acq: 9 Mar 2018 3:32

Tgt Ion:112 Resp: 463261
Ion Ratio Lower Upper
112 100
64 68.4 56.3 84.5
63 36.1 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: 116.697 ng

RT: 8.01 min Scan# 803

Delta R.T. -0.00 min

Lab File: BG033059.D

Acq: 9 Mar 2018 3:32

Instrument :

BNA_G

ClientSampleId :

TP-1

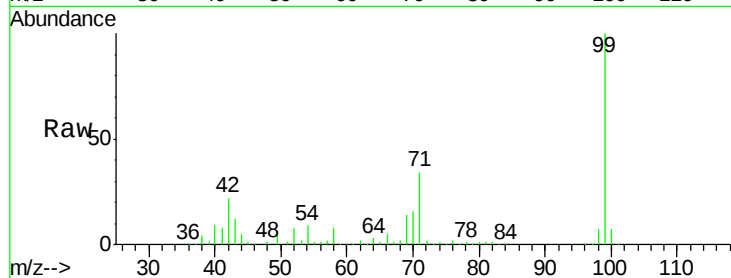
Tot Ion: 99 Resp: 546942

Ion Ratio Lower Upper

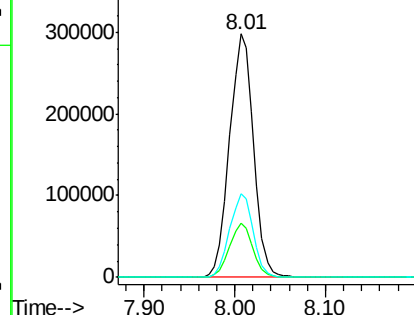
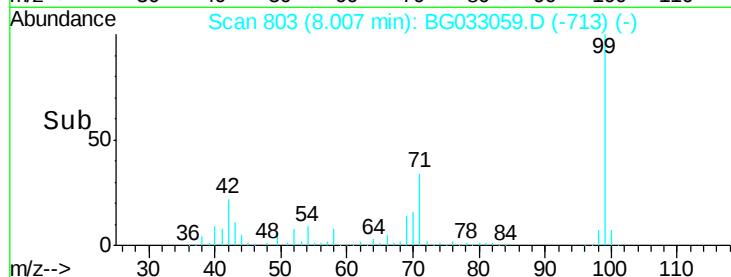
99 100

42 22.2 14.1 21.1#

71 34.2 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: 11.80 min Scan# 1448

Delta R.T. -0.00 min

Lab File: BG033059.D

Acq: 9 Mar 2018 3:32

Tgt Ion: 136 Resp: 229458

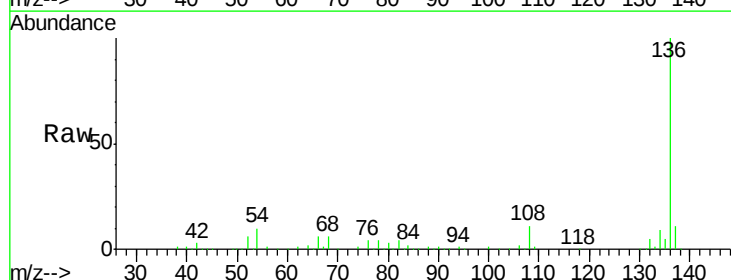
Ion Ratio Lower Upper

136 100

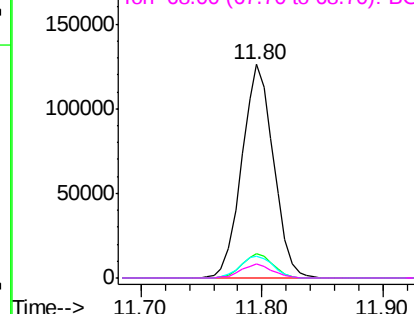
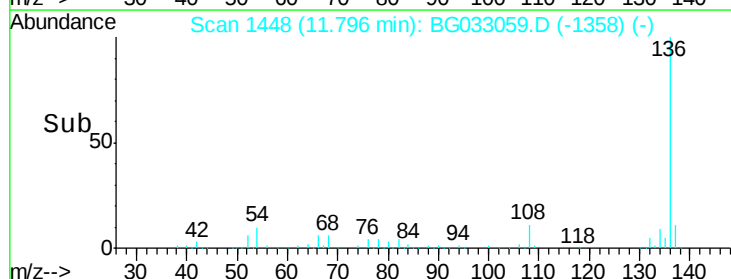
137 11.1 9.2 13.8

54 10.2 10.3 15.5#

68 6.4 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

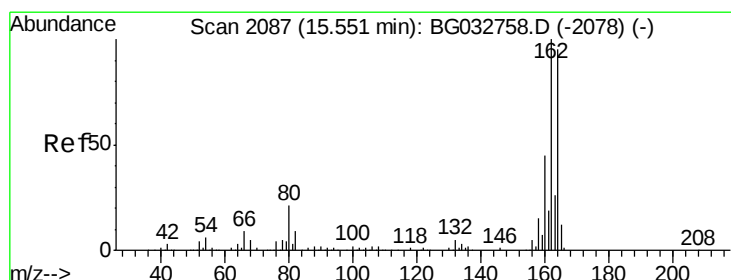
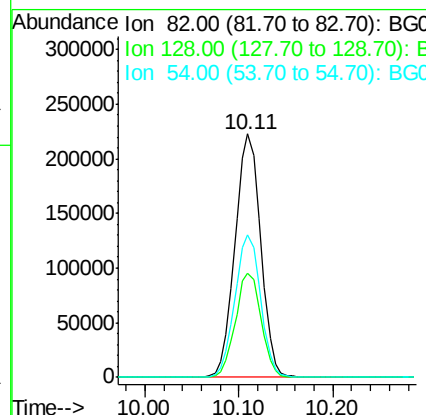
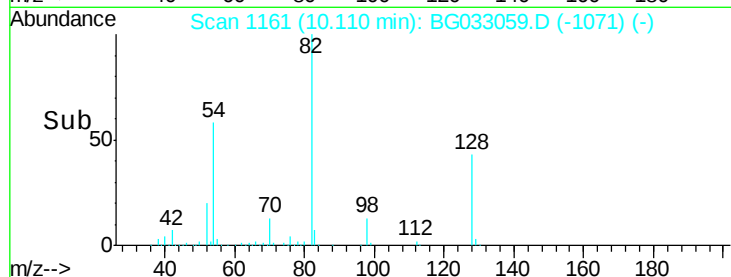
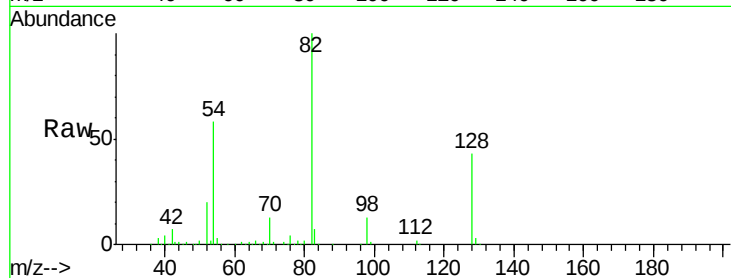




#23
 Nitrobenzene-d5
 Concen: 122.883 ng
 RT: 10.11 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: BG033059.D
 Acq: 9 Mar 2018 3:32

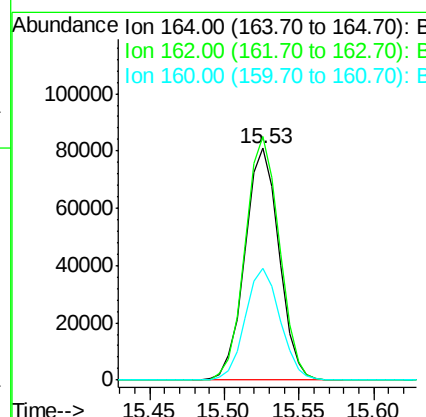
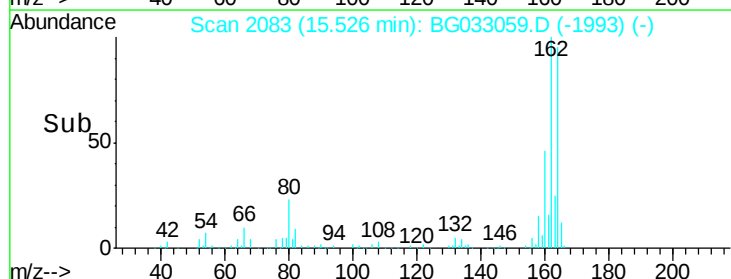
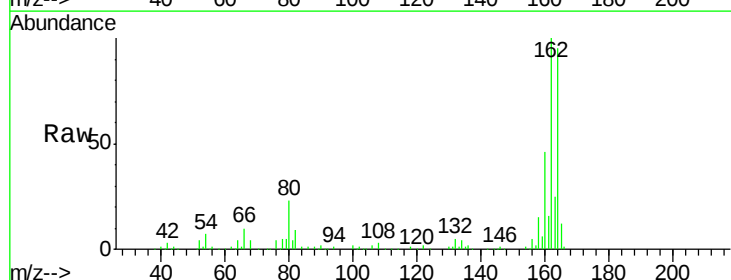
Instrument :
 BNA_G
 ClientSampled :
 TP-1

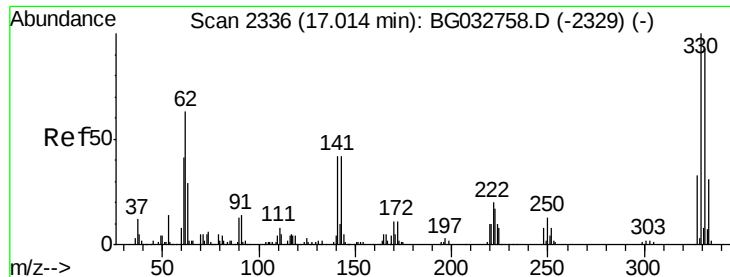
Tot Ion	82	Resp	422854
Ion Ratio	100	Lower	Upper
128	42.9	29.7	44.5
54	58.5	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.53 min Scan# 2083
 Delta R.T. -0.00 min
 Lab File: BG033059.D
 Acq: 9 Mar 2018 3:32

Tgt Ion	164	Resp	127578
Ion Ratio	100	Lower	Upper
162	105.2	78.8	118.2
160	48.5	35.4	53.0

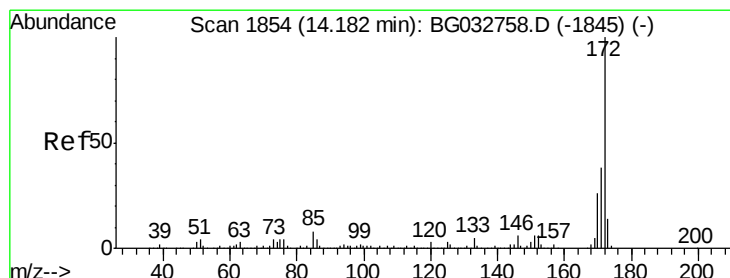
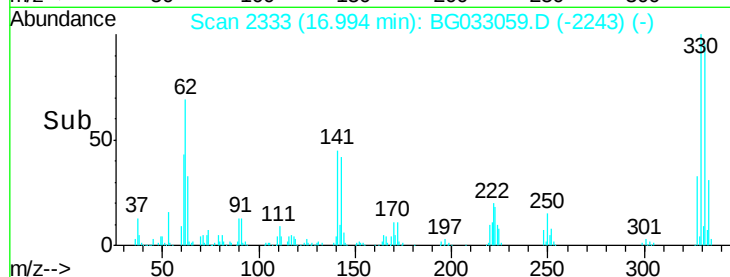
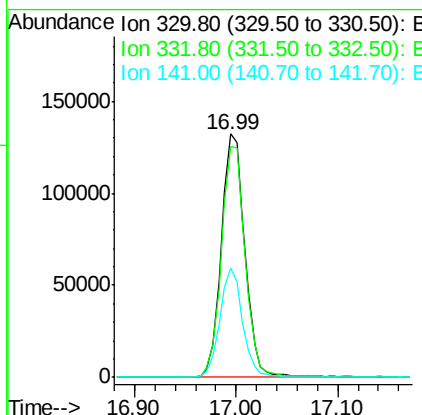
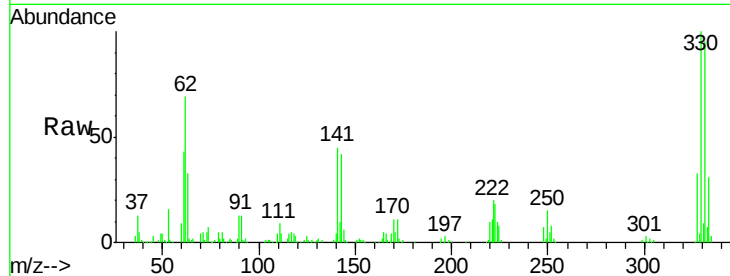




#41
 2,4,6-Tribromophenol
 Concen: 159.079 ng
 RT: 16.99 min Scan# 2333
 Delta R.T. -0.00 min
 Lab File: BG033059.D
 Acq: 9 Mar 2018 3:32

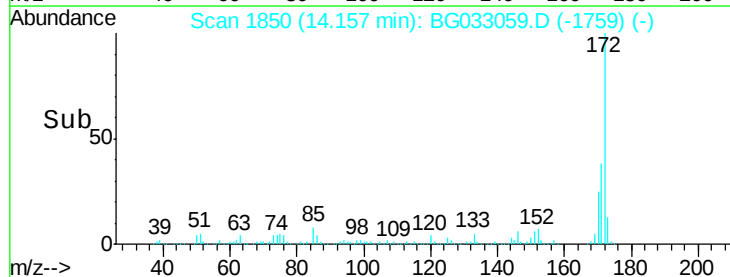
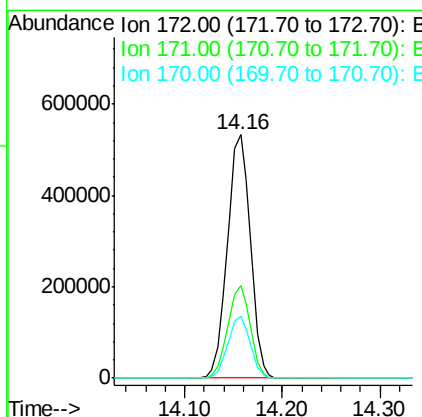
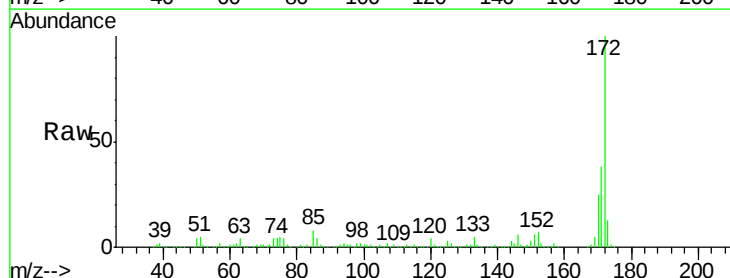
Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Tot Ion:330 Resp: 213395
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 42.9 25.2 37.8#



#44
 2-Fluorobiphenyl
 Concen: 98.190 ng
 RT: 14.16 min Scan# 1850
 Delta R.T. 0.00 min
 Lab File: BG033059.D
 Acq: 9 Mar 2018 3:32

Tgt Ion:172 Resp: 868568
 Ion Ratio Lower Upper
 172 100
 171 37.9 30.0 45.0
 170 25.5 19.5 29.3

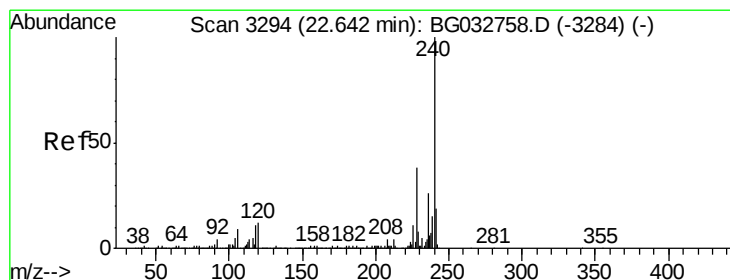
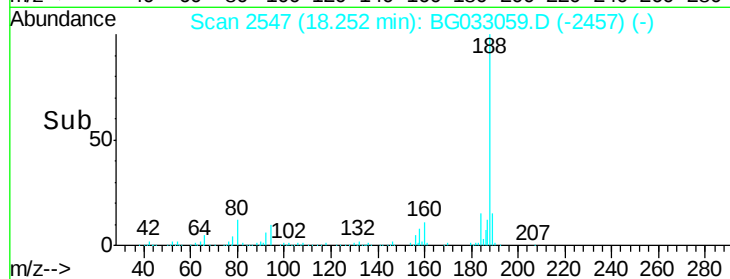
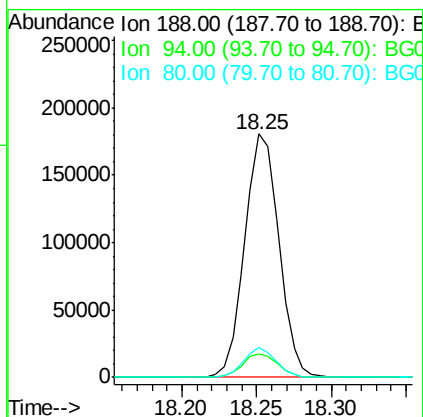
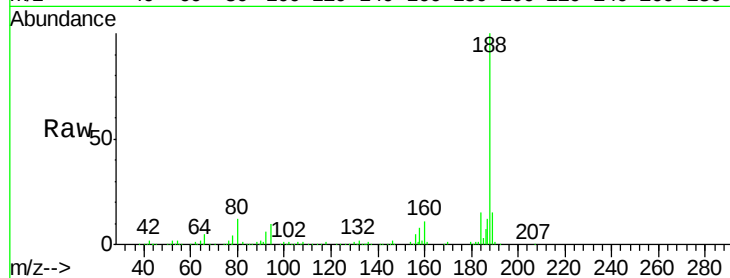




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.25 min Scan# 2547
Delta R.T. -0.00 min
Lab File: BG033059.D
Acq: 9 Mar 2018 3:32

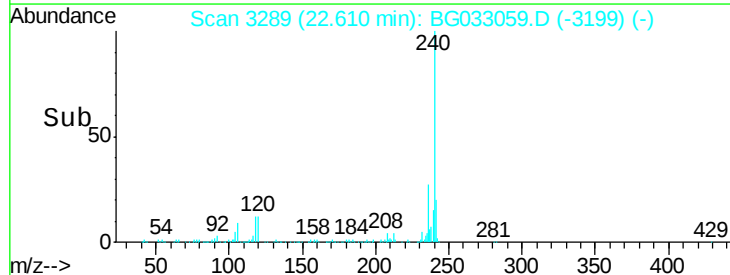
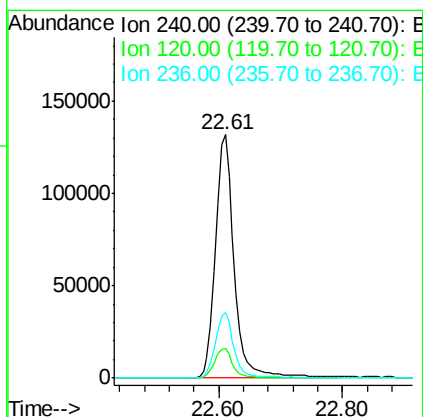
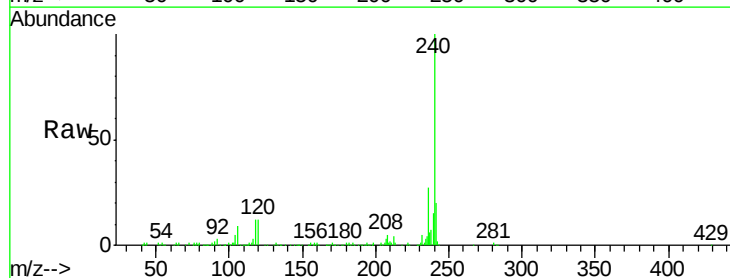
Instrument :
BNA_G
ClientSampleId :
TP-1

Tot Ion:188 Resp: 285861
Ion Ratio Lower Upper
188 100
94 9.5 6.9 10.3
80 12.2 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.61 min Scan# 3289
Delta R.T. -0.00 min
Lab File: BG033059.D
Acq: 9 Mar 2018 3:32

Tgt Ion:240 Resp: 277533
Ion Ratio Lower Upper
240 100
120 12.5 6.8 10.2#
236 26.8 20.9 31.3





#78

Terphenyl-d14

Concen: 106.665 ng

RT: 20.77 min Scan# 2976

Delta R.T. 0.00 min

Lab File: BG033059.D

Acq: 9 Mar 2018 3:32

Instrument :

BNA_G

ClientSampleId :

TP-1

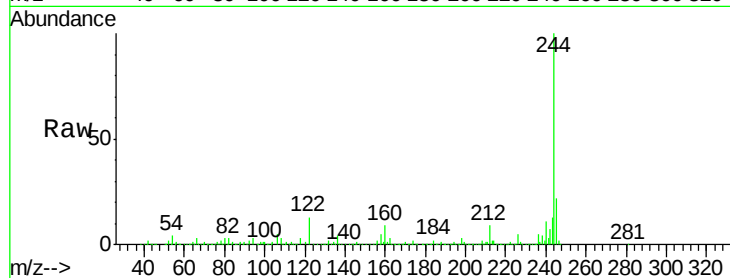
Tot Ion:244 Resp: 1317609

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

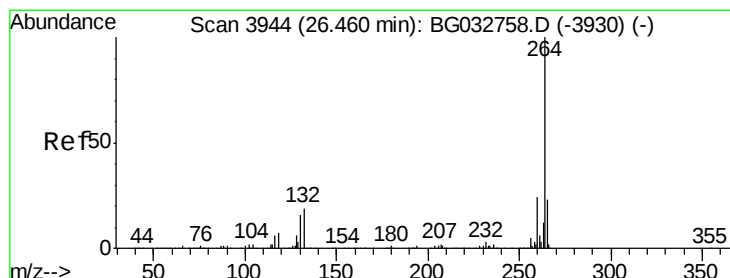
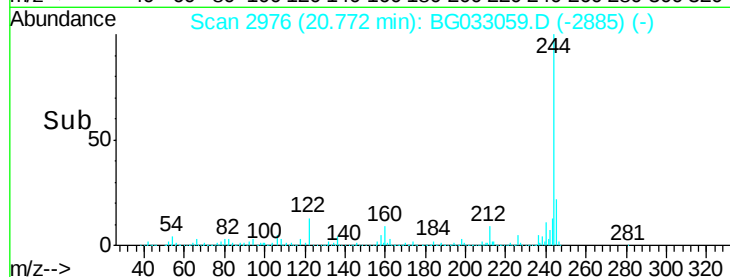
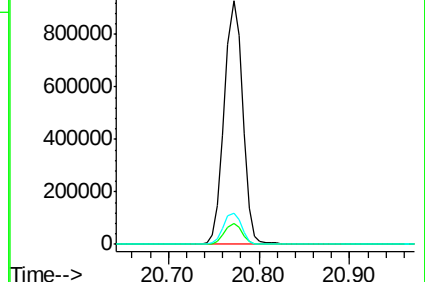
122 12.8 7.0 10.4#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.41 min Scan# 3936

Delta R.T. 0.00 min

Lab File: BG033059.D

Acq: 9 Mar 2018 3:32

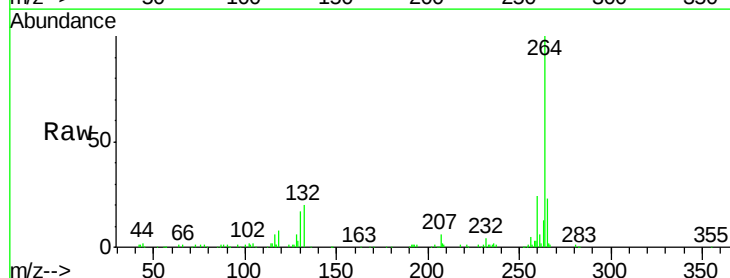
Tgt Ion:264 Resp: 247272

Ion Ratio Lower Upper

264 100

260 23.9 17.4 26.0

265 23.0 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

