

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030818\
 Data File : BG033039.D
 Acq On : 8 Mar 2018 14:05
 Operator : SJ/JU
 Sample : J1819-07
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-10

Quant Time: Mar 08 16:36:47 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	8.92	152	53045	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	243142	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	137870	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	296046	20.00	ng	0.00
75) Chrysene-d12	22.61	240	271796	20.00	ng	0.00
86) Perylene-d12	26.42	264	271319	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	201677	60.83	ng	0.01
7) Phenol-d6	8.01	99	170673	36.93	ng	0.00
23) Nitrobenzene-d5	10.12	82	377307	105.04	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	218042	150.41	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	818264	85.60	ng	0.00
78) Terphenyl-d14	20.78	244	1191096	98.46	ng	0.00

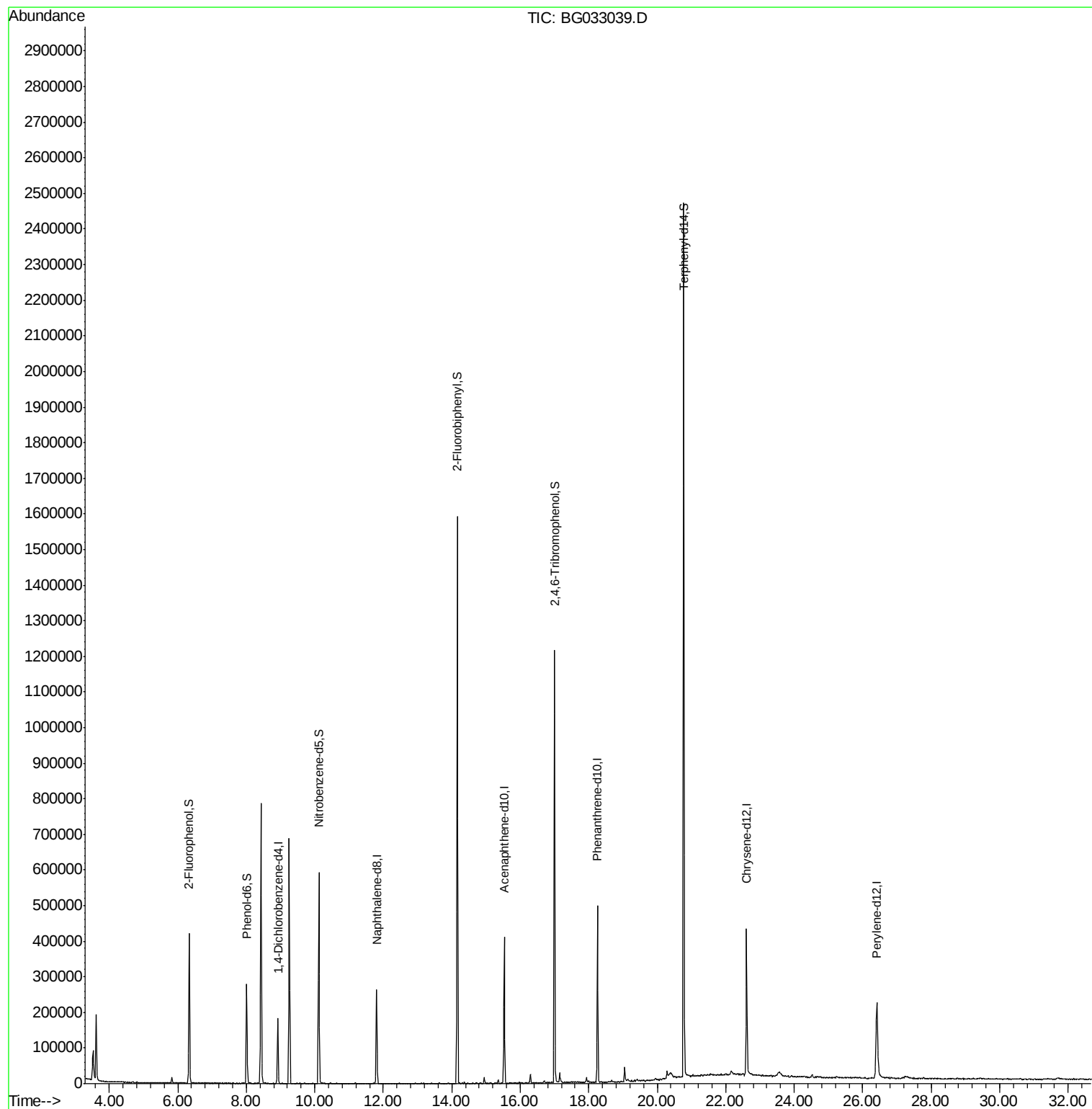
Target Compounds Qvalue

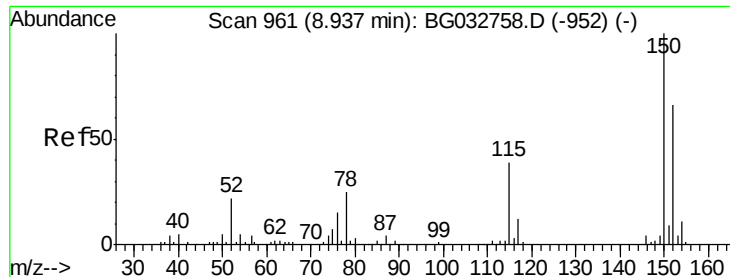
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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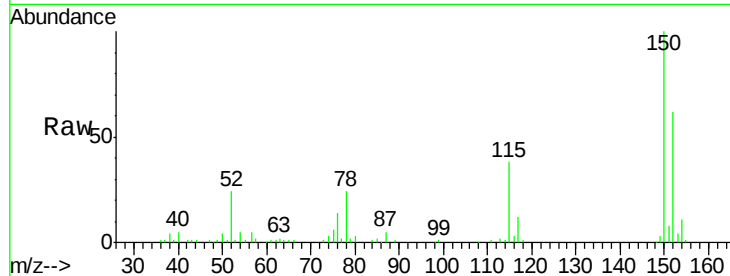


#1

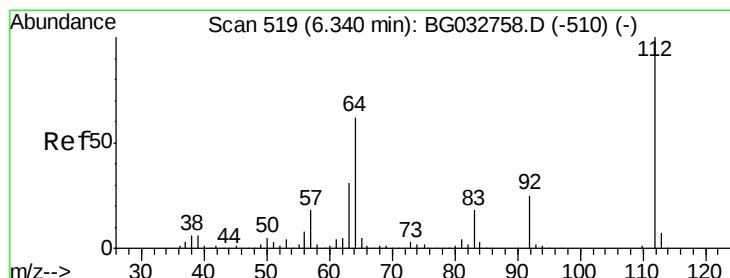
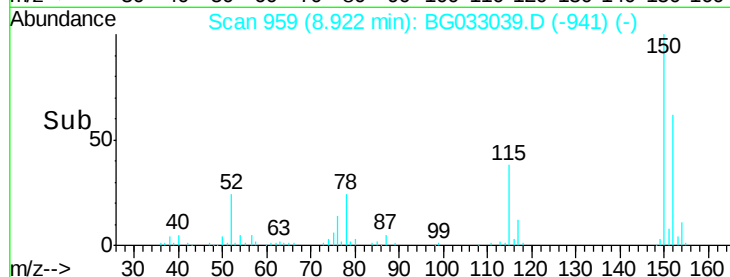
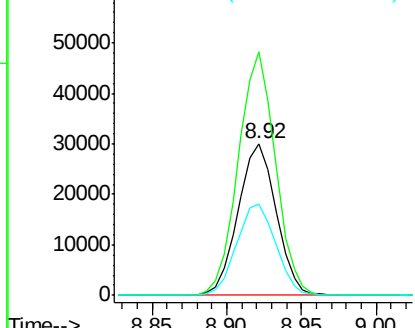
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 959
Delta R.T. 0.01 min
Lab File: BG033039.D
Acq: 8 Mar 2018 14:05

Instrument :
BNA_G
ClientSampleId :
TP-10

Tot Ion:152 Resp: 53045
Ion Ratio Lower Upper
152 100
150 160.2 126.6 189.8
115 60.1 53.0 79.4



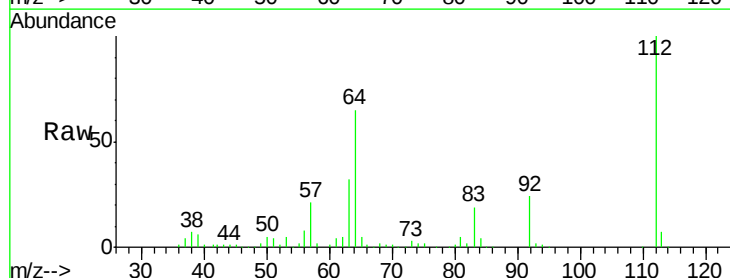
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



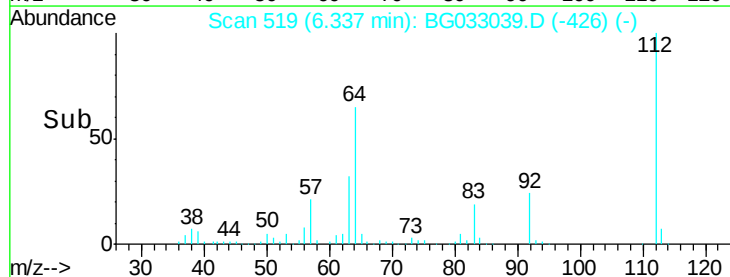
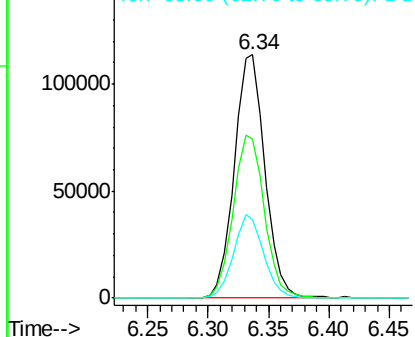
#5

2-Fluorophenol
Concen: 60.826 ng
RT: 6.34 min Scan# 519
Delta R.T. 0.01 min
Lab File: BG033039.D
Acq: 8 Mar 2018 14:05

Tgt Ion:112 Resp: 201677
Ion Ratio Lower Upper
112 100
64 65.2 56.3 84.5
63 32.2 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: 36.930 ng

RT: 8.01 min Scan# 804

Delta R.T. 0.00 min

Lab File: BG033039.D

Acq: 8 Mar 2018 14:05

Instrument :

BNA_G

ClientSampleId :

TP-10

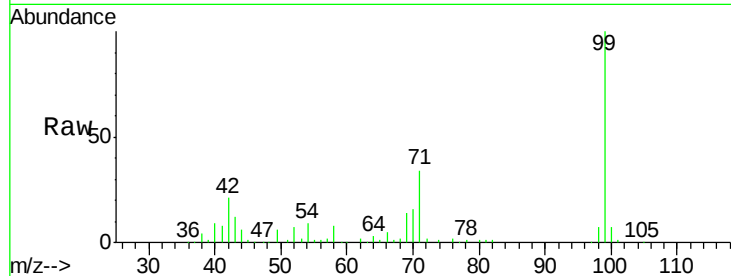
Tot Ion: 99 Resp: 170673

Ion Ratio Lower Upper

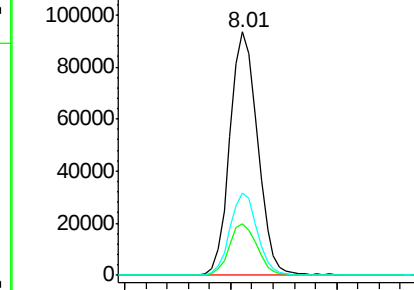
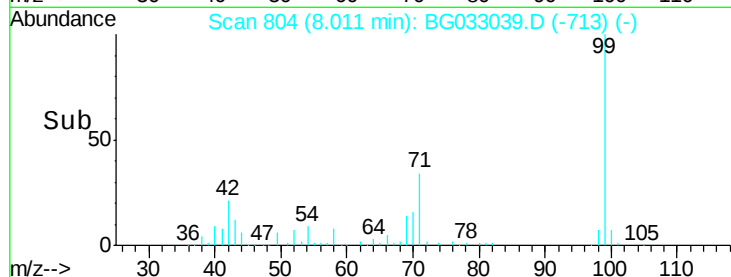
99 100

42 21.3 14.1 21.1#

71 33.8 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# 1450

Delta R.T. 0.01 min

Lab File: BG033039.D

Acq: 8 Mar 2018 14:05

Tgt Ion: 136 Resp: 243142

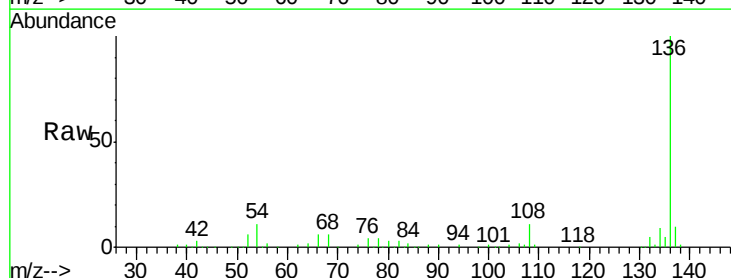
Ion Ratio Lower Upper

136 100

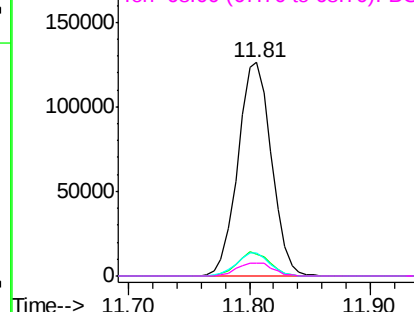
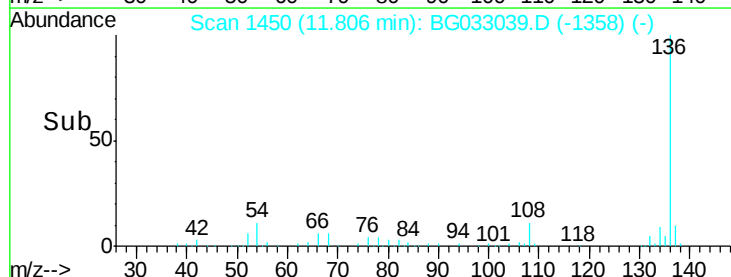
137 10.5 9.2 13.8

54 10.6 10.3 15.5

68 6.2 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: 105.041 ng

RT: 10.12 min Scan# 1163

Delta R.T. 0.01 min

Lab File: BG033039.D

Acq: 8 Mar 2018 14:05

Instrument :

BNA_G

ClientSampled :

TP-10

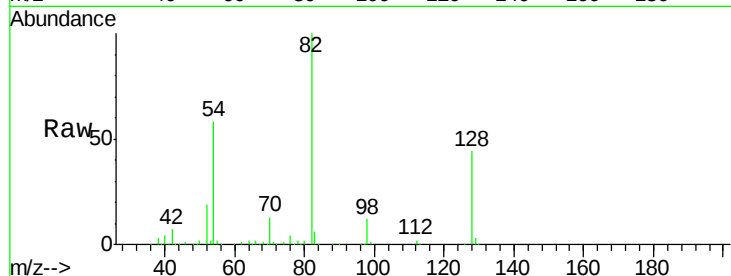
Tot Ion: 82 Resp: 377307

Ion Ratio Lower Upper

82 100

128 43.7 29.7 44.5

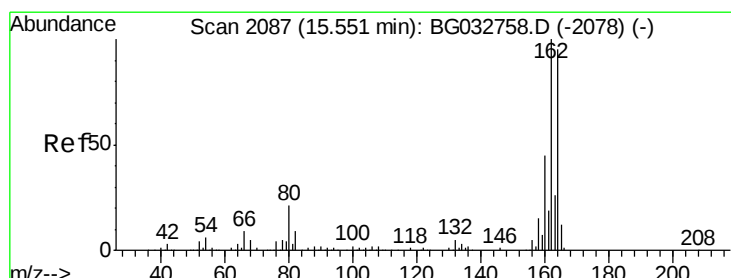
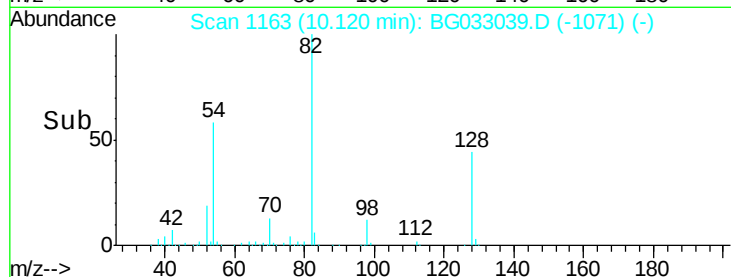
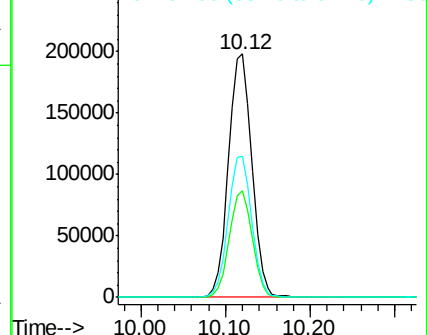
54 58.2 43.1 64.7



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: 15.53 min Scan# 2084

Delta R.T. 0.00 min

Lab File: BG033039.D

Acq: 8 Mar 2018 14:05

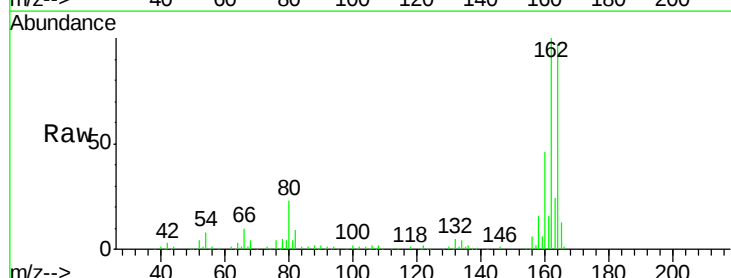
Tgt Ion:164 Resp: 137870

Ion Ratio Lower Upper

164 100

162 102.7 78.8 118.2

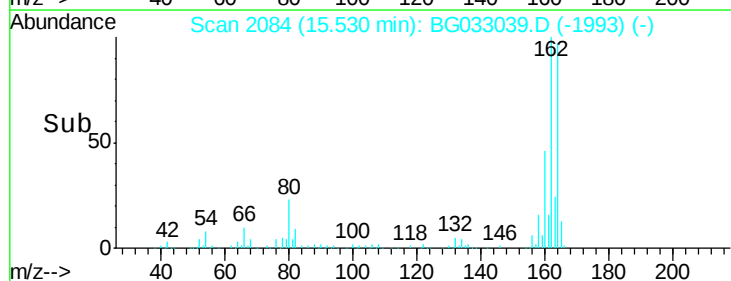
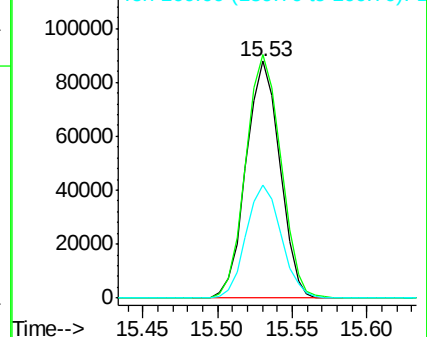
160 47.5 35.4 53.0

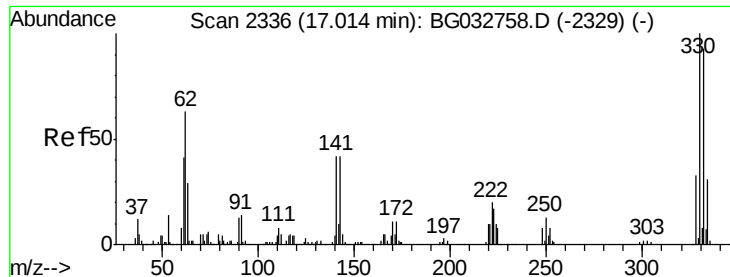


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

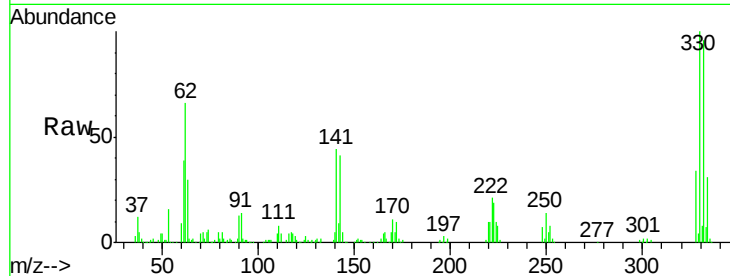




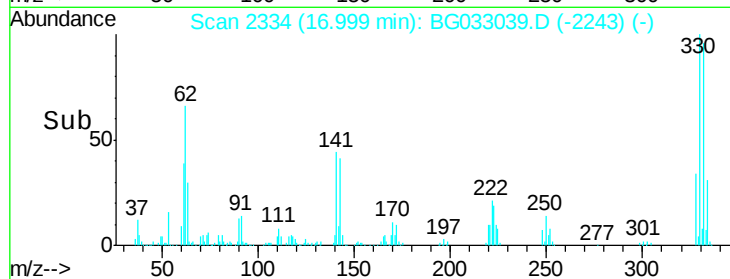
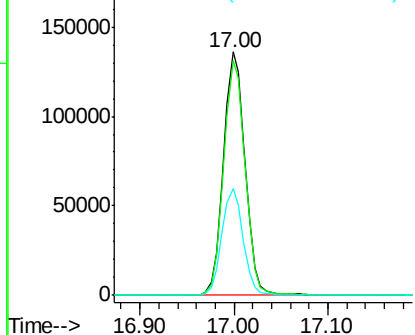
#41
 2,4,6-Tribromophenol
 Concen: 150.410 ng
 RT: 17.00 min Scan# 2334
 Delta R.T. 0.00 min
 Lab File: BG033039.D
 Acq: 8 Mar 2018 14:05

Instrument :
 BNA_G
 ClientSampleId :
 TP-10

Tot Ion:330 Resp: 218042
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 43.6 25.2 37.8#

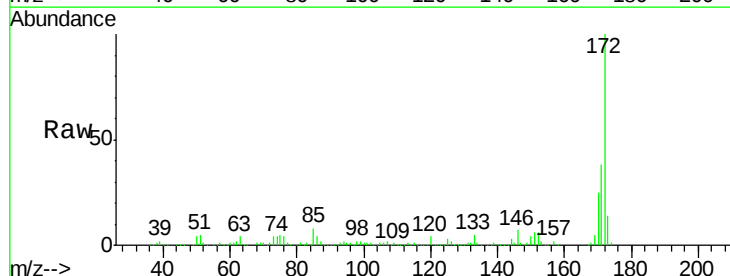


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

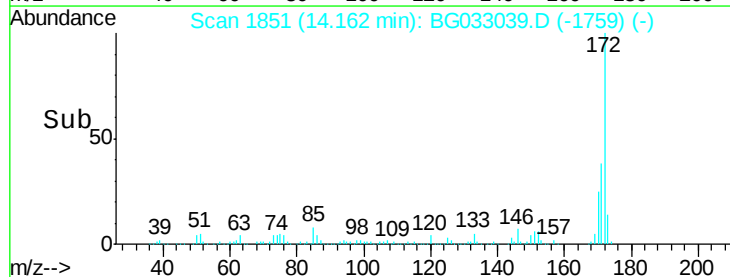
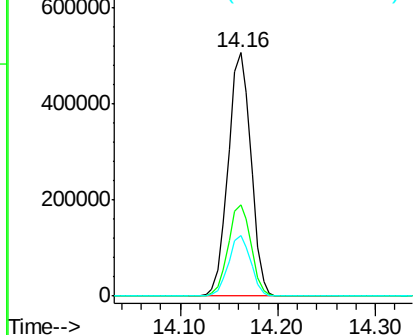


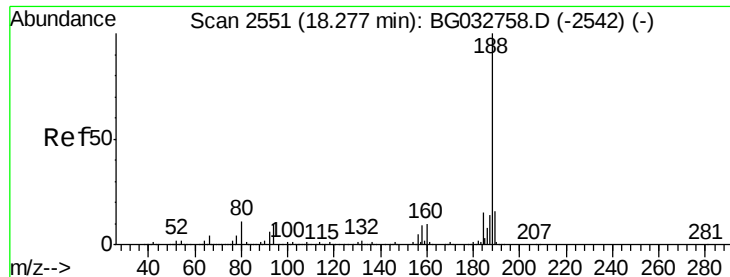
#44
 2-Fluorobiphenyl
 Concen: 85.598 ng
 RT: 14.16 min Scan# 1851
 Delta R.T. 0.01 min
 Lab File: BG033039.D
 Acq: 8 Mar 2018 14:05

Tgt Ion:172 Resp: 818264
 Ion Ratio Lower Upper
 172 100
 171 37.7 30.0 45.0
 170 25.0 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

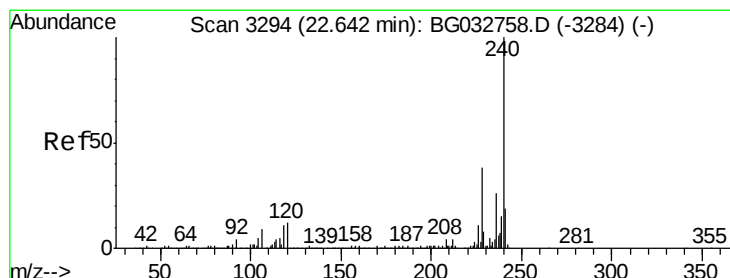
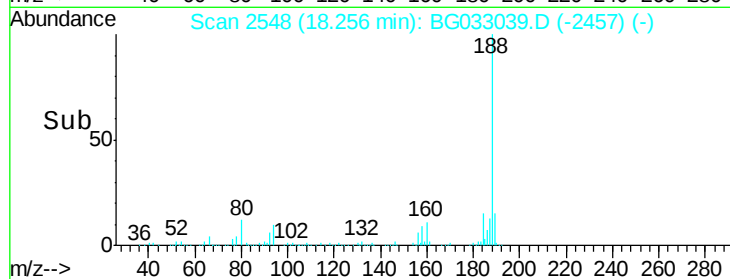
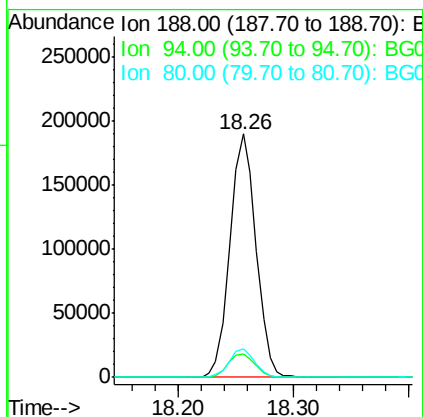
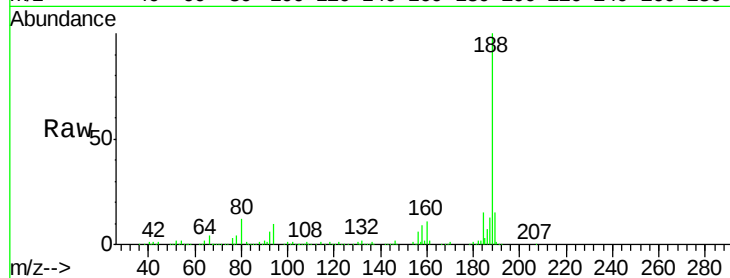




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.26 min Scan# 2548
Delta R.T. 0.00 min
Lab File: BG033039.D
Acq: 8 Mar 2018 14:05

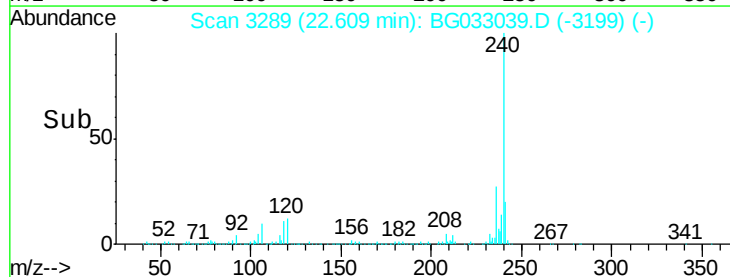
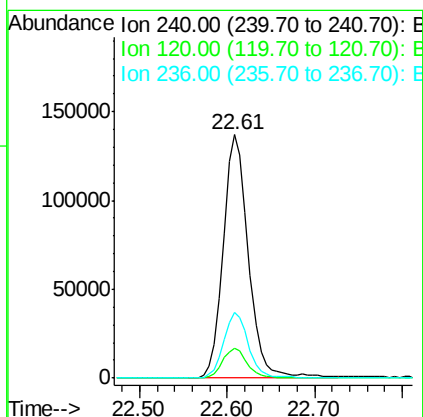
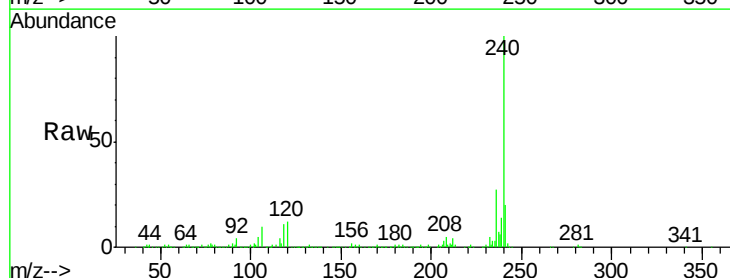
Instrument :
BNA_G
ClientSampleId :
TP-10

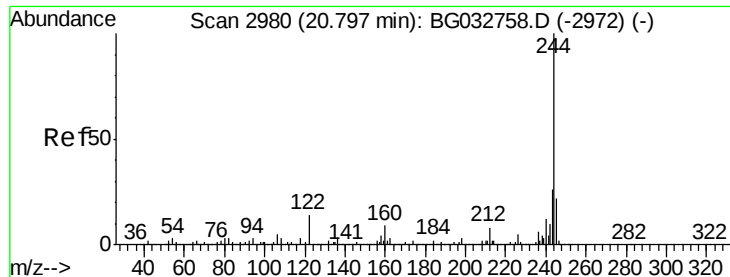
Tot Ion:188 Resp: 296046
Ion Ratio Lower Upper
188 100
94 9.7 6.9 10.3
80 11.8 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.61 min Scan# 3289
Delta R.T. -0.00 min
Lab File: BG033039.D
Acq: 8 Mar 2018 14:05

Tgt Ion:240 Resp: 271796
Ion Ratio Lower Upper
240 100
120 12.5 6.8 10.2#
236 27.0 20.9 31.3





#78

Terphenyl-d14

Concen: 98.459 ng

RT: 20.78 min Scan# 2977

Delta R.T. 0.01 min

Lab File: BG033039.D

Acq: 8 Mar 2018 14:05

Instrument :

BNA_G

ClientSampleId :

TP-10

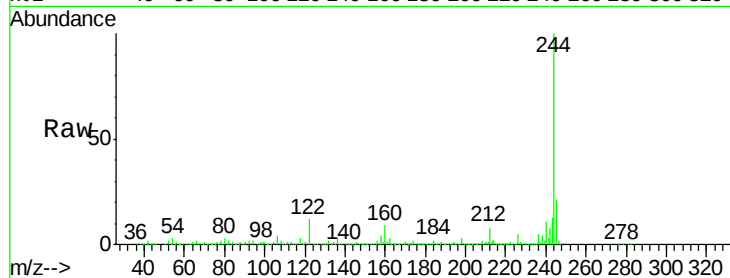
Tot Ion:244 Resp: 1191096

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

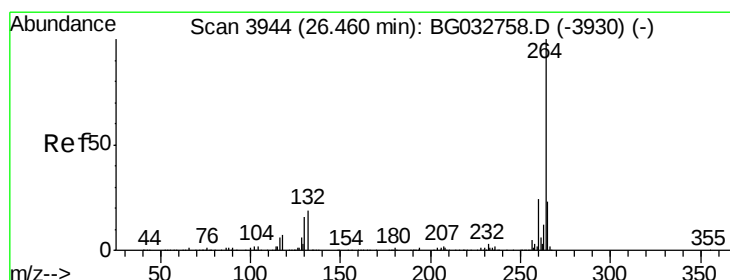
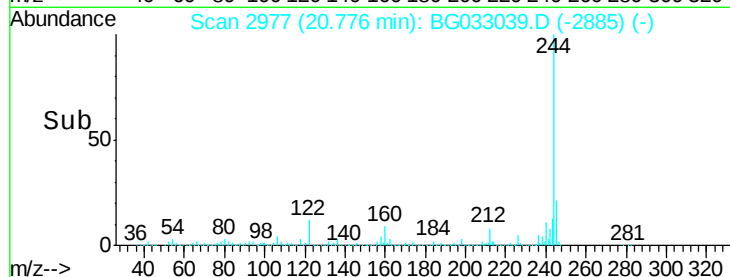
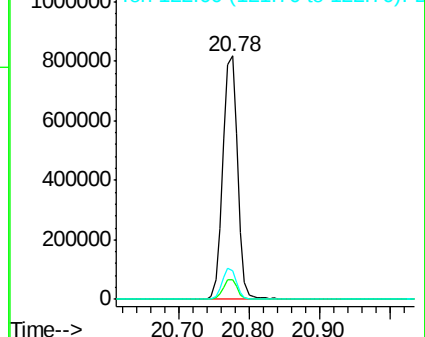
122 12.0 7.0 10.4#



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: 26.42 min Scan# 3937

Delta R.T. 0.01 min

Lab File: BG033039.D

Acq: 8 Mar 2018 14:05

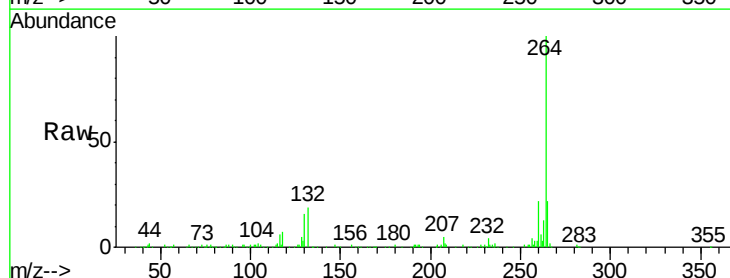
Tgt Ion:264 Resp: 271319

Ion Ratio Lower Upper

264 100

260 22.5 17.4 26.0

265 21.7 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

