

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG032618\
 Data File : BG033359.D
 Acq On : 27 Mar 2018 9:39
 Operator : SJ/JU
 Sample : J2050-06
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3-DB

Quant Time: Mar 27 10:58:22 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 15:11:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	41445	20.00	ng	-0.03
21) Naphthalene-d8	11.75	136	158766	20.00	ng	-0.03
38) Acenaphthene-d10	15.49	164	121014	20.00	ng	-0.03
63) Phenanthrene-d10	18.21	188	320348	20.00	ng	-0.03
75) Chrysene-d12	22.56	240	343554	20.00	ng	-0.04
86) Perylene-d12	26.32	264	366677	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	295688	133.78	ng	-0.02
7) Phenol-d6	7.97	99	397101	104.56	ng	-0.03
23) Nitrobenzene-d5	10.06	82	309412	89.54	ng	-0.03
41) 2,4,6-Tribromophenol	16.95	330	243634	134.61	ng	-0.03
44) 2-Fluorobiphenyl	14.11	172	782876	93.39	ng	-0.03
78) Terphenyl-d14	20.73	244	1490206	92.76	ng	-0.03

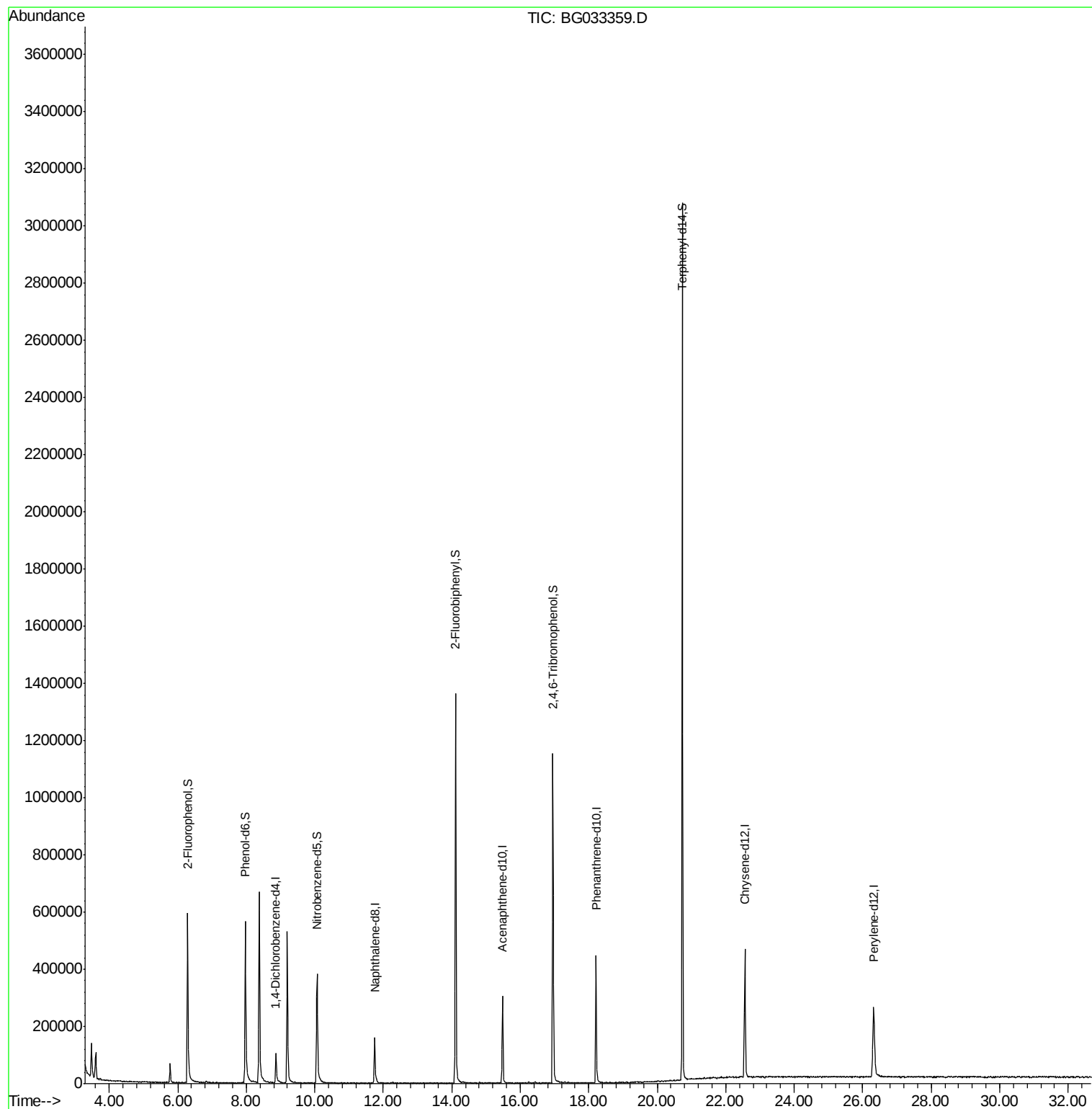
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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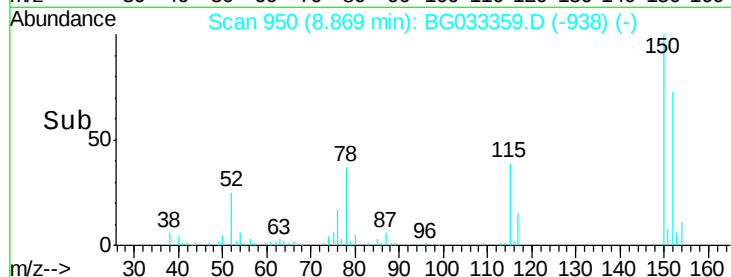
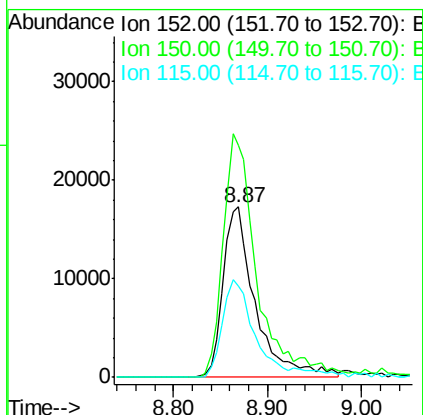
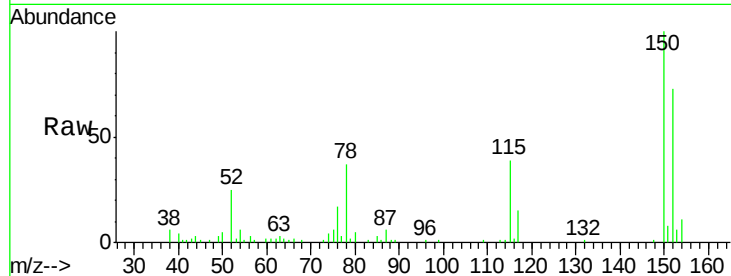


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.03 min
Lab File: BG033359.D
Acq: 27 Mar 2018 9:39

Instrument :
BNA_G
ClientSampleId :
TP-3-DB

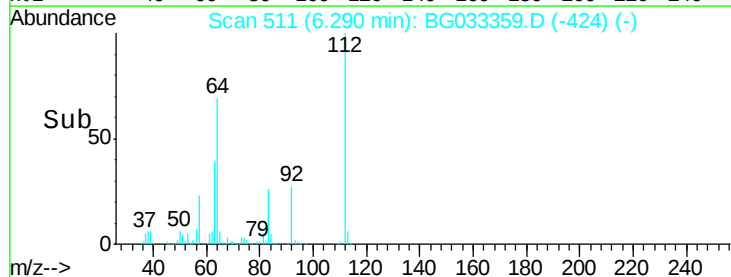
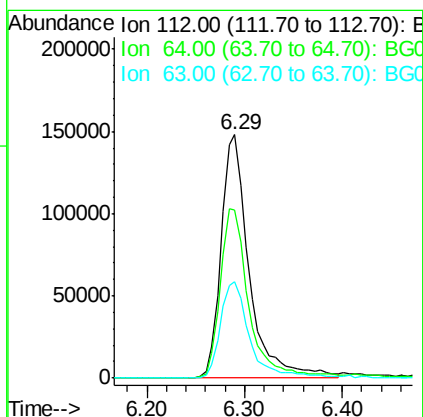
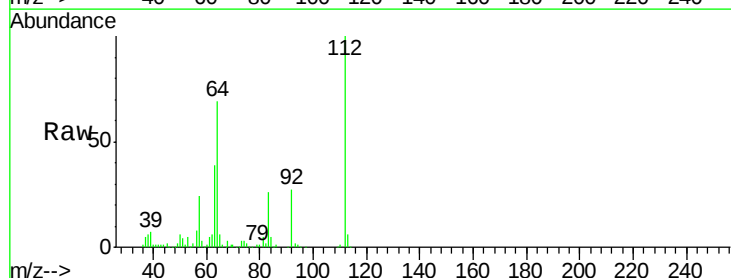
Tgt Ion:152 Resp: 41445
Ion Ratio Lower Upper
152 100
150 136.3 126.6 189.8
115 53.6 53.0 79.4

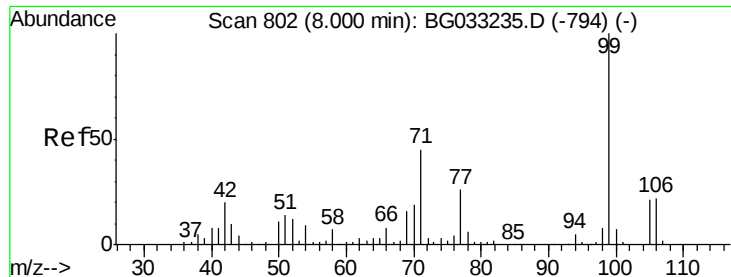


#5

2-Fluorophenol
Concen: 133.780 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.02 min
Lab File: BG033359.D
Acq: 27 Mar 2018 9:39

Tgt Ion:112 Resp: 295688
Ion Ratio Lower Upper
112 100
64 68.8 56.3 84.5
63 39.4 30.1 45.1





#7

Phenol-d6

Concen: 104.564 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.03 min

Lab File: BG033359.D

Acq: 27 Mar 2018 9:39

Instrument :

BNA_G

ClientSampleId :

TP-3-DB

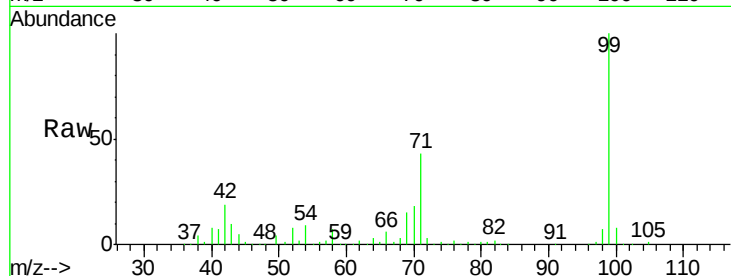
Tgt Ion: 99 Resp: 397101

Ion Ratio Lower Upper

99 100

42 19.4 14.1 21.1

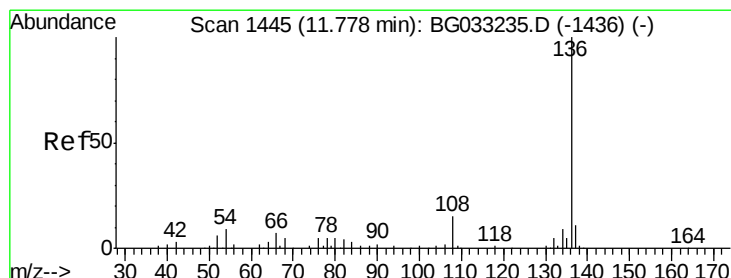
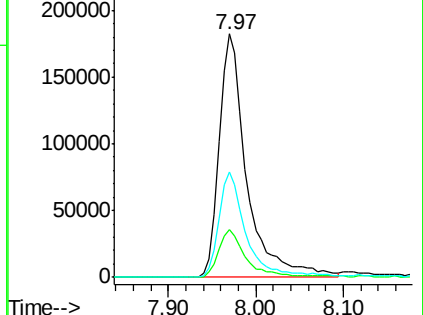
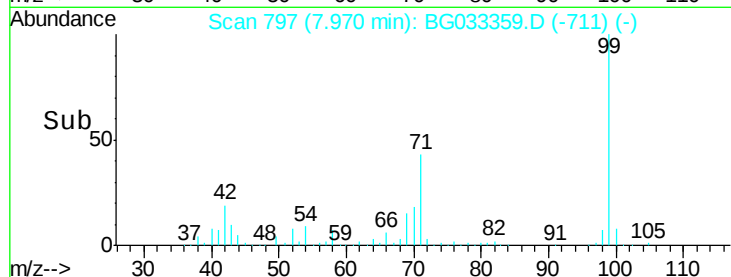
71 43.1 26.1 39.1#



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: 11.75 min Scan# 1440

Delta R.T. -0.03 min

Lab File: BG033359.D

Acq: 27 Mar 2018 9:39

Tgt Ion: 136 Resp: 158766

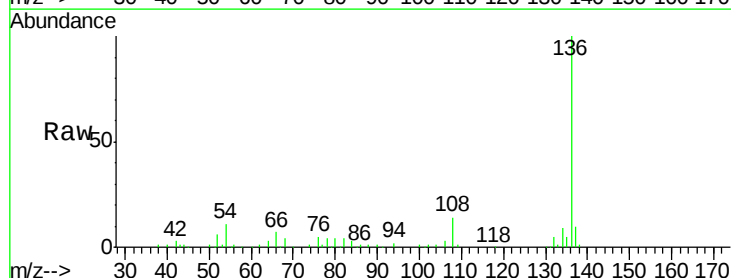
Ion Ratio Lower Upper

136 100

137 10.5 9.2 13.8

54 11.5 10.3 15.5

68 4.3 4.5 6.7#

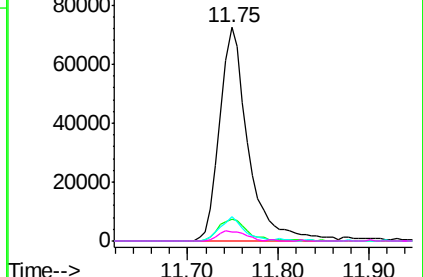
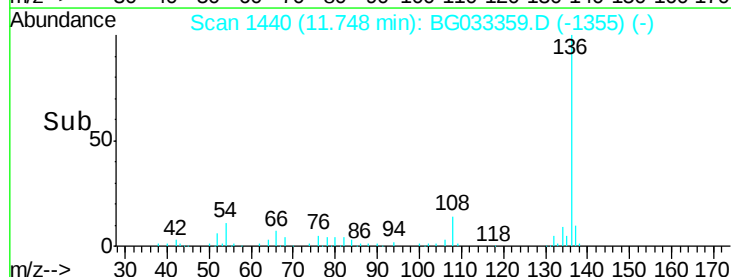


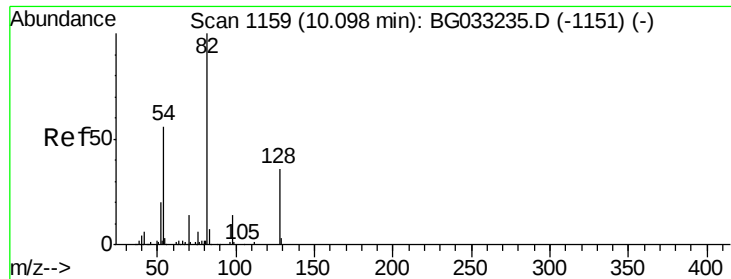
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

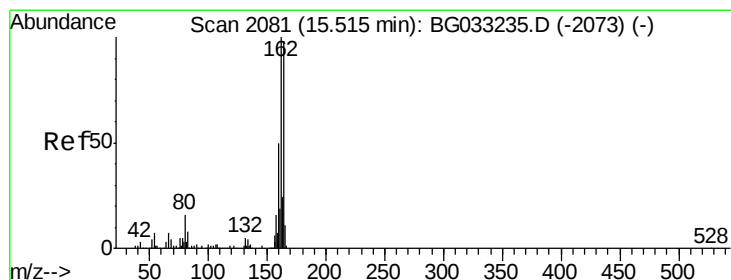
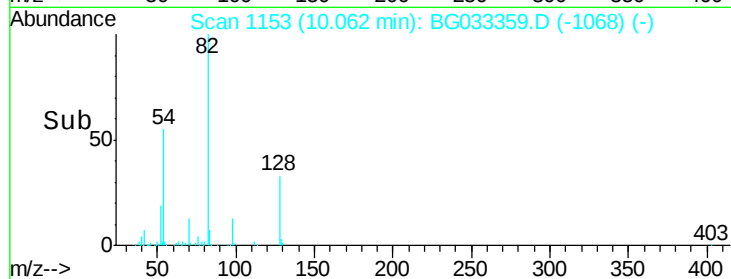
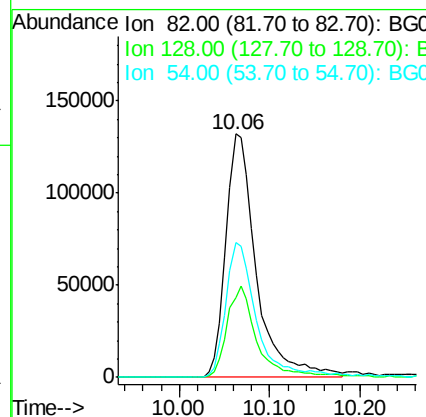
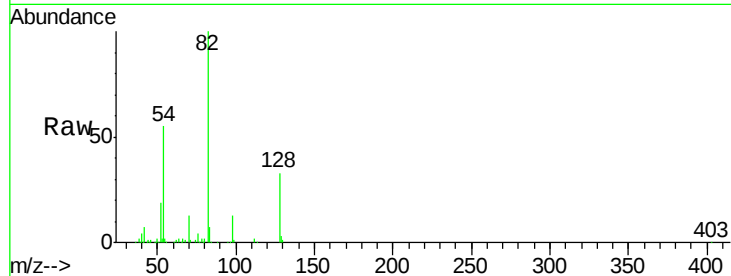




#23
 Nitrobenzene-d5
 Concen: 89.538 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.03 min
 Lab File: BG033359.D
 Acq: 27 Mar 2018 9:39

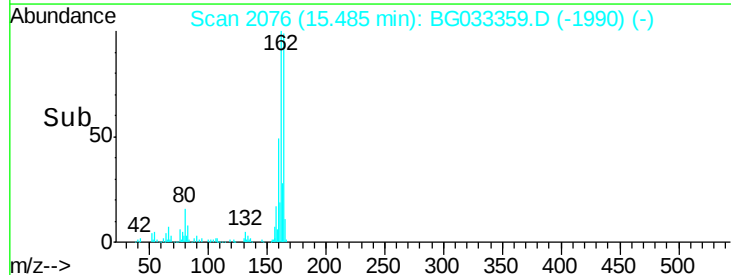
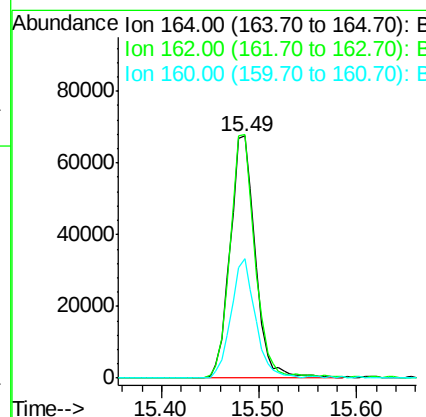
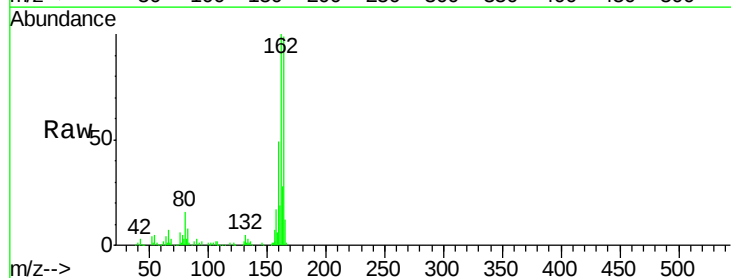
Instrument :
 BNA_G
 ClientSampleId :
 TP-3-DB

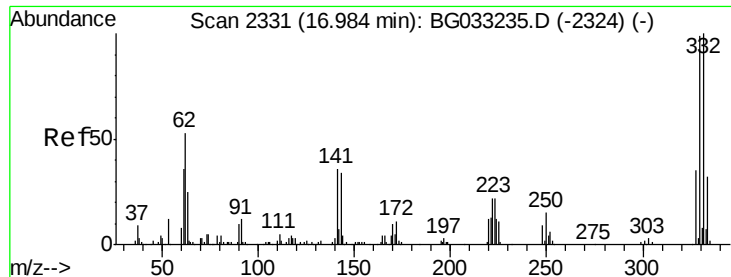
Tgt Ion	Ratio	Lower	Upper
82	100		
128	32.9	29.7	44.5
54	55.4	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2076
 Delta R.T. -0.03 min
 Lab File: BG033359.D
 Acq: 27 Mar 2018 9:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.6	78.8	118.2
160	49.2	35.4	53.0

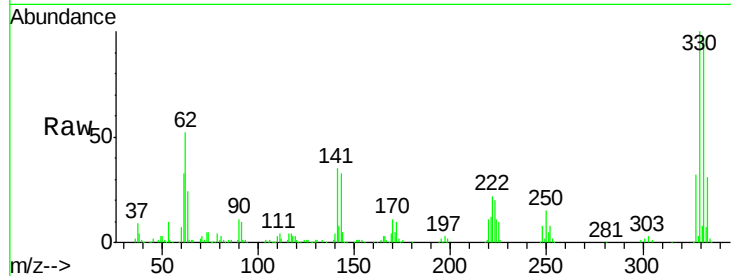




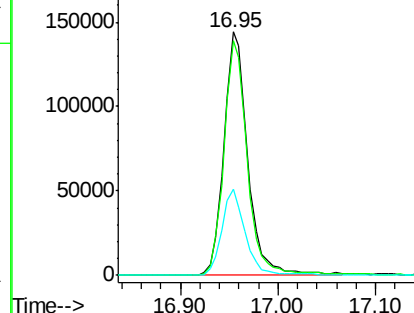
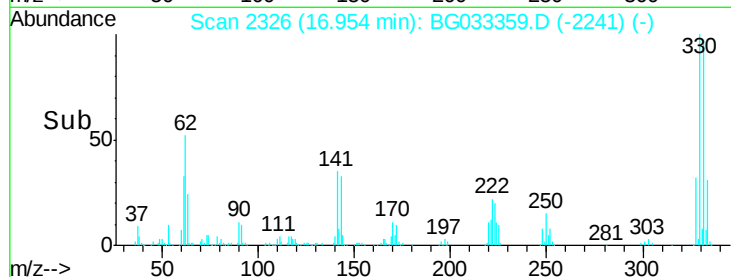
#41
 2,4,6-Tribromophenol
 Concen: 134.611 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.03 min
 Lab File: BG033359.D
 Acq: 27 Mar 2018 9:39

Instrument :
 BNA_G
 ClientSampleId :
 TP-3-DB

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	34.8	25.2	37.8

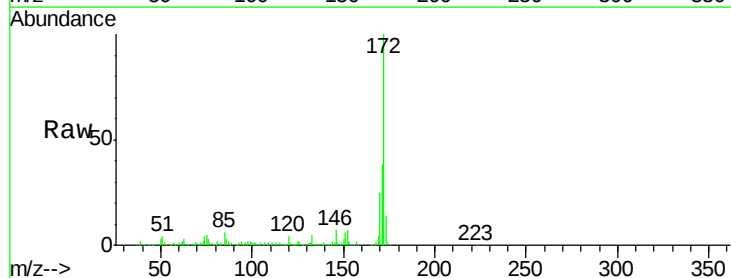


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

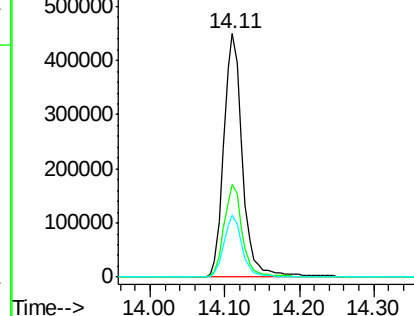
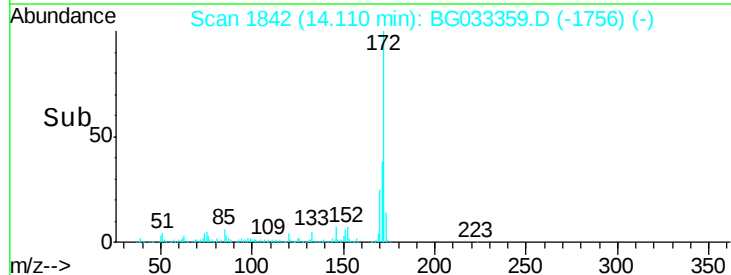


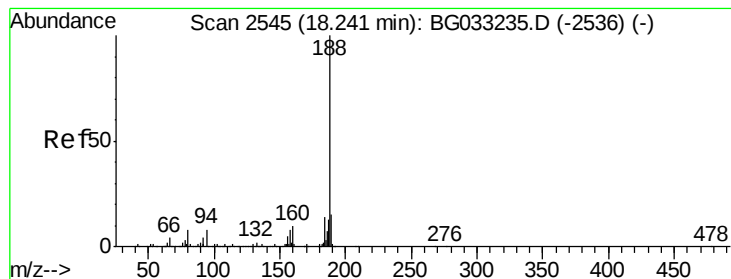
#44
 2-Fluorobiphenyl
 Concen: 93.393 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.03 min
 Lab File: BG033359.D
 Acq: 27 Mar 2018 9:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.0	45.0
170	25.3	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: 18.21 min Scan# 2540

Delta R.T. -0.03 min

Lab File: BG033359.D

Acq: 27 Mar 2018 9:39

Instrument :

BNA_G

ClientSampleId :

TP-3-DB

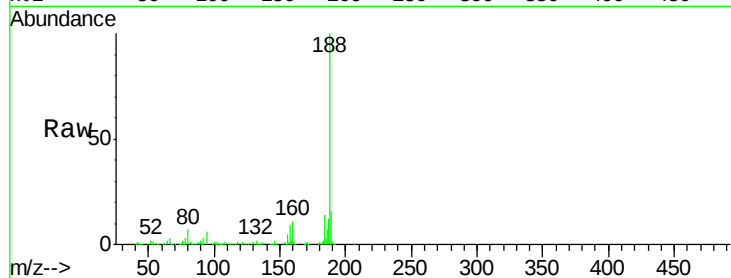
Tgt Ion:188 Resp: 320348

Ion Ratio Lower Upper

188 100

94 6.2 6.9 10.3#

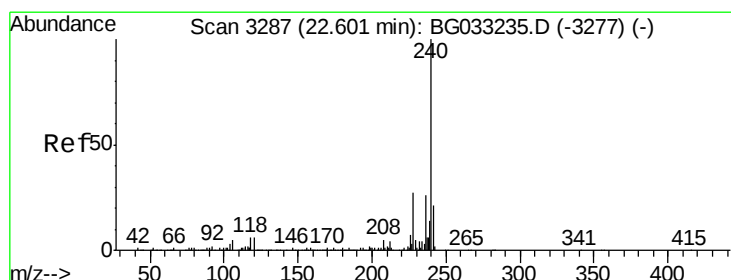
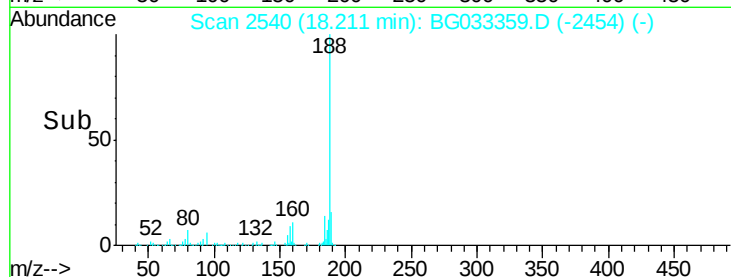
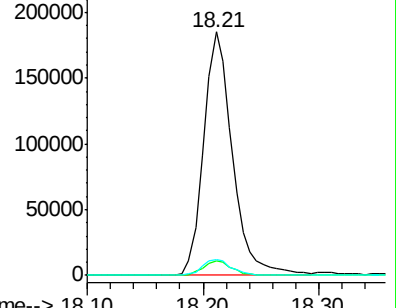
80 6.6 7.7 11.5#



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: 22.56 min Scan# 3280

Delta R.T. -0.04 min

Lab File: BG033359.D

Acq: 27 Mar 2018 9:39

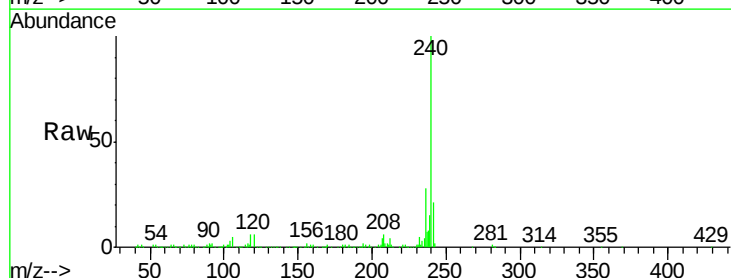
Tgt Ion:240 Resp: 343554

Ion Ratio Lower Upper

240 100

120 5.7 6.8 10.2#

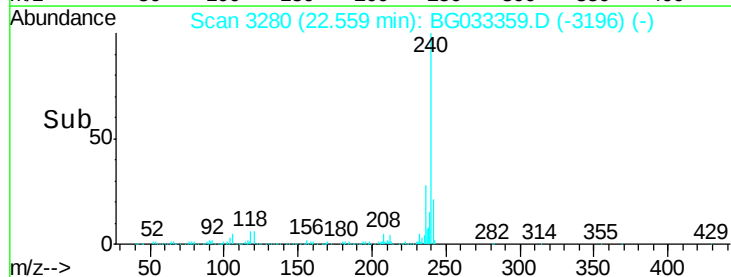
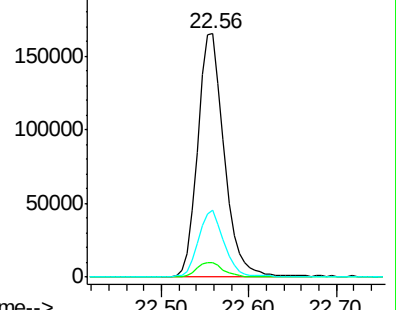
236 27.6 20.9 31.3

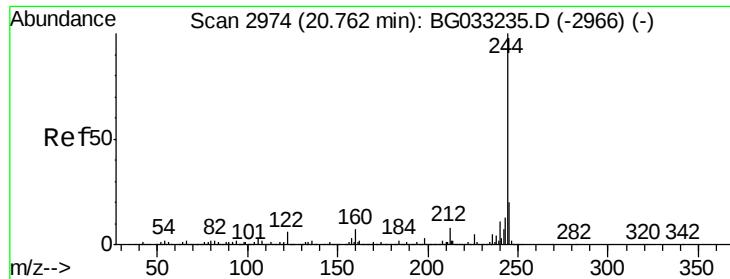


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 92.765 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.03 min

Lab File: BG033359.D

Acq: 27 Mar 2018 9:39

Instrument :

BNA_G

ClientSampleId :

TP-3-DB

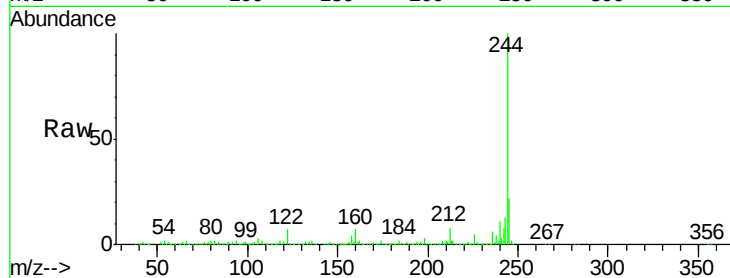
Tgt Ion:244 Resp: 1490206

Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.8

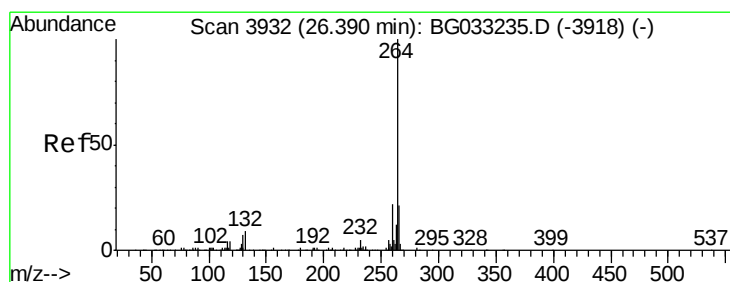
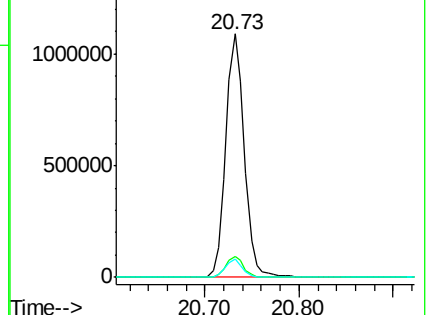
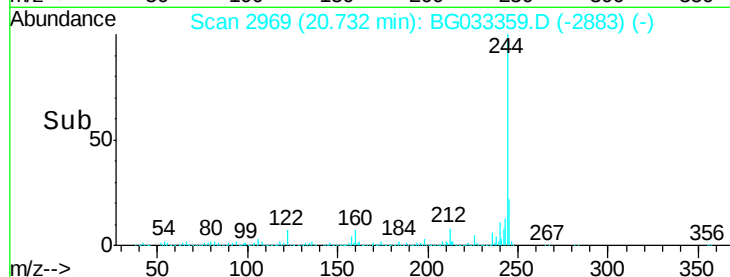
122 7.3 7.0 10.4



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: 26.32 min Scan# 3920

Delta R.T. -0.07 min

Lab File: BG033359.D

Acq: 27 Mar 2018 9:39

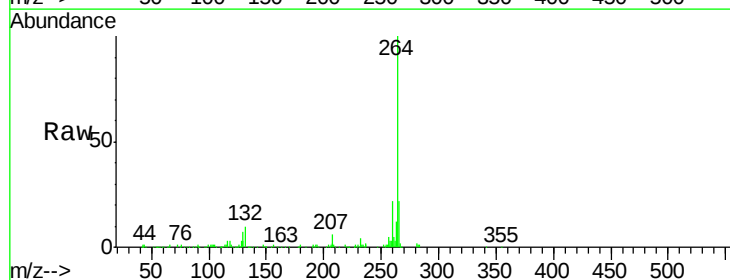
Tgt Ion:264 Resp: 366677

Ion Ratio Lower Upper

264 100

260 21.7 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

