

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030818\
 Data File : BG033063.D
 Acq On : 9 Mar 2018 6:02
 Operator : SJ/JU
 Sample : J1826-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3-A-COMP

Quant Time: Mar 09 07:35:54 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	52967	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	227569	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	124134	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	283642	20.00	ng	0.00
75) Chrysene-d12	22.60	240	257324	20.00	ng	0.00
86) Perylene-d12	26.41	264	229080	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	480113	145.02	ng	0.00
7) Phenol-d6	8.01	99	579236	125.52	ng	0.00
23) Nitrobenzene-d5	10.11	82	433534	126.70	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	224484	171.99	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	903479	104.97	ng	0.00
78) Terphenyl-d14	20.77	244	1301917	113.67	ng	0.00

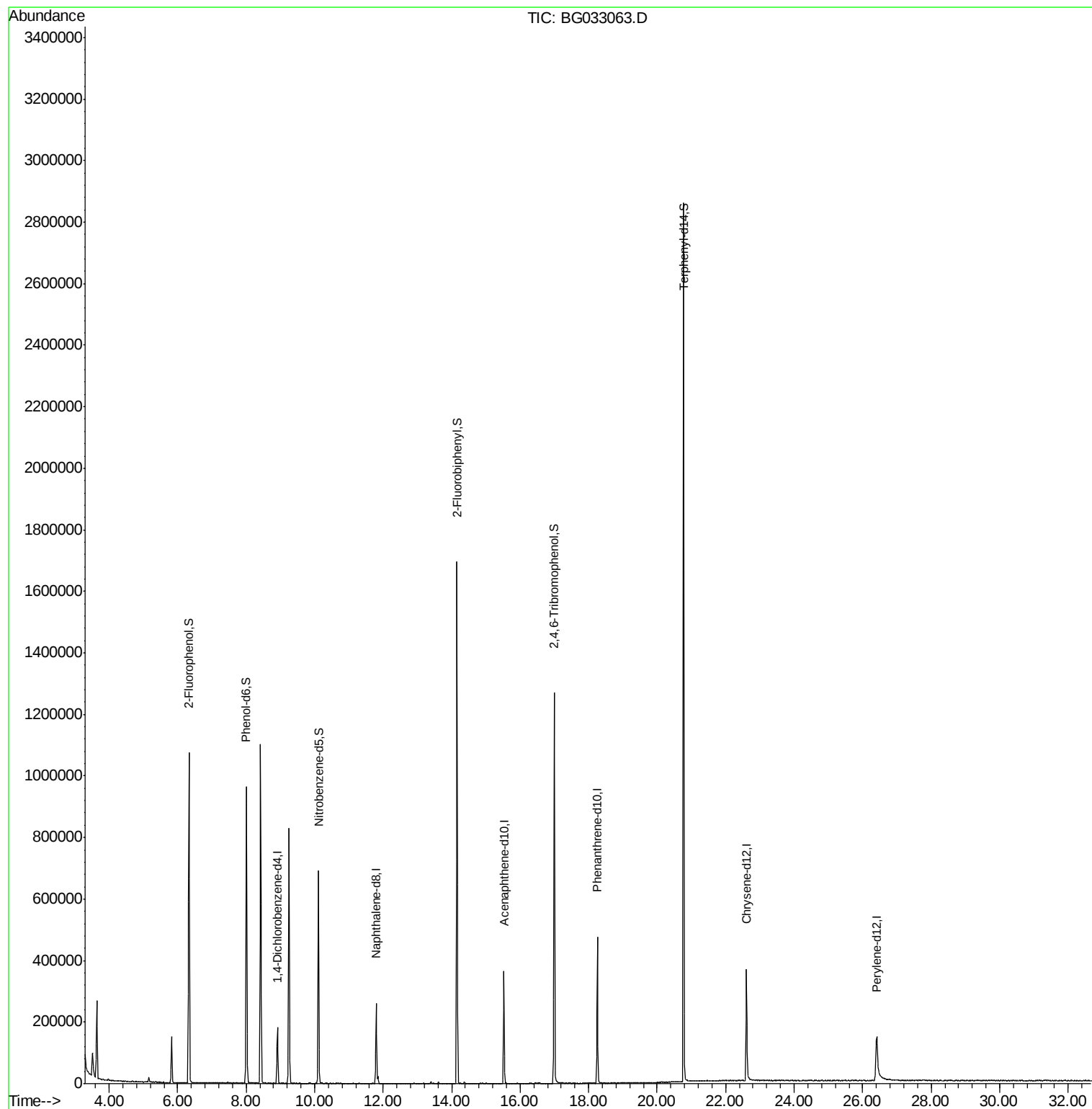
Target Compounds Qvalue

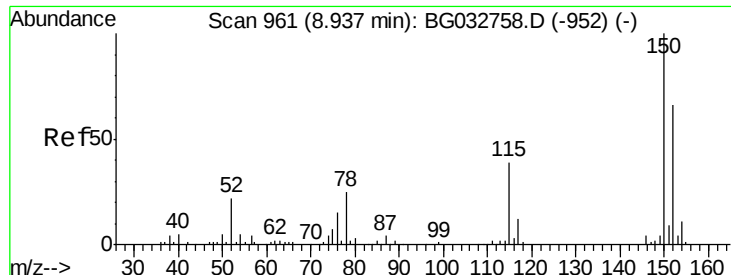
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG033063.D

Acq: 9 Mar 2018 6:02

Instrument :

BNA_G

ClientSampleId :

TP-3-A-COMP

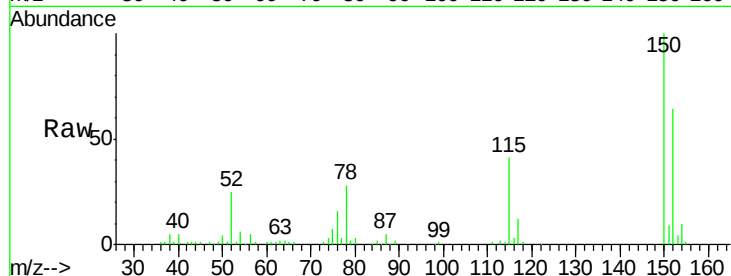
Tot Ion:152 Resp: 52967

Ion Ratio Lower Upper

152 100

150 156.5 126.6 189.8

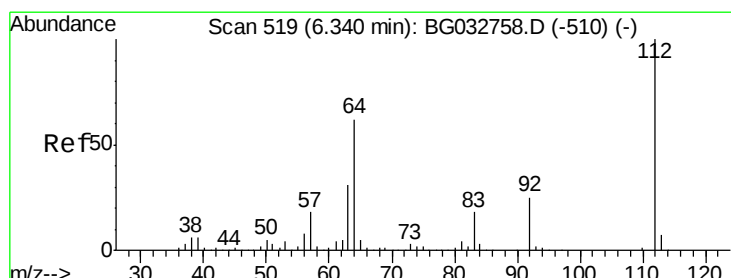
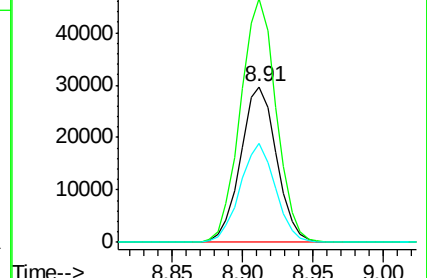
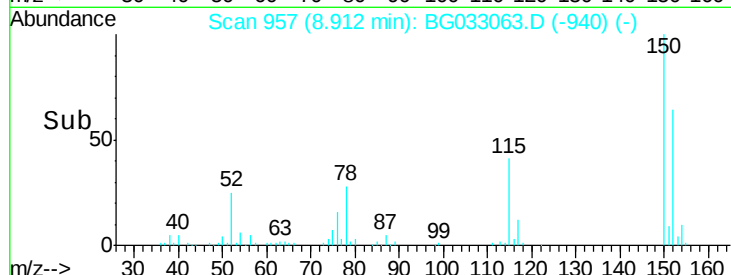
115 63.8 53.0 79.4



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: 145.017 ng

RT: 6.33 min Scan# 517

Delta R.T. 0.00 min

Lab File: BG033063.D

Acq: 9 Mar 2018 6:02

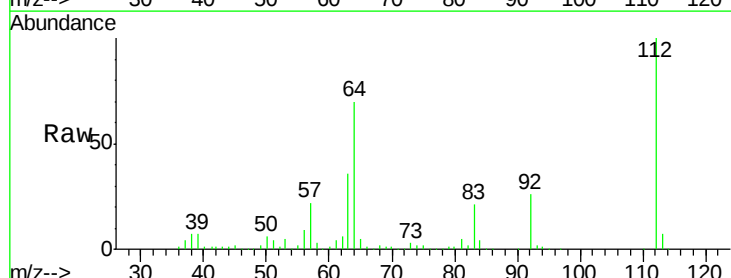
Tgt Ion:112 Resp: 480113

Ion Ratio Lower Upper

112 100

64 70.2 56.3 84.5

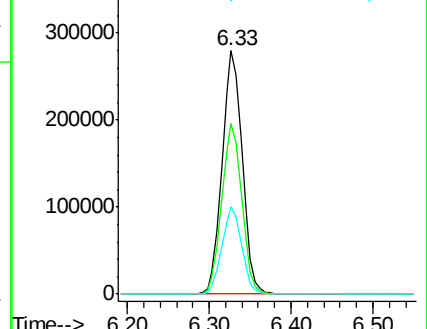
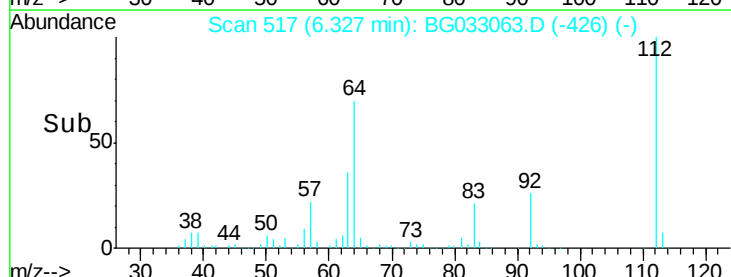
63 36.0 30.1 45.1



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: 125.519 ng

RT: 8.01 min Scan# 803

Delta R.T. -0.00 min

Lab File: BG033063.D

Acq: 9 Mar 2018 6:02

Instrument :

BNA_G

ClientSampleId :

TP-3-A-COMP

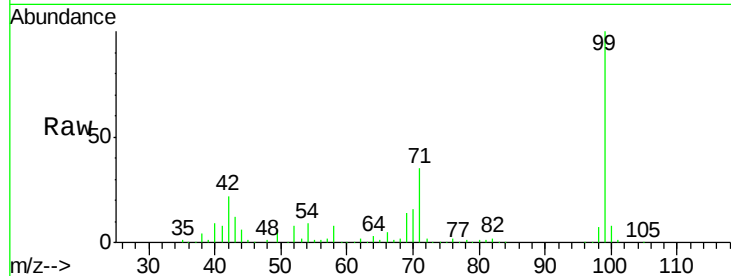
Tot Ion: 99 Resp: 579236

Ion Ratio Lower Upper

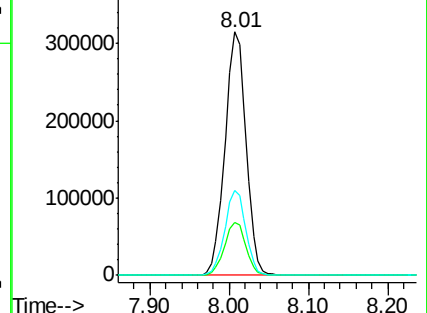
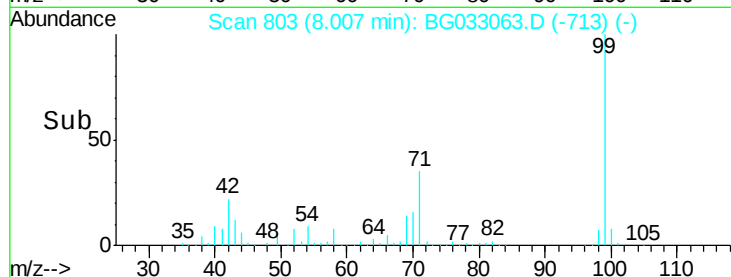
99 100

42 22.0 14.1 21.1#

71 34.9 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: BG033063.D

Acq: 9 Mar 2018 6:02

Tgt Ion:136 Resp: 227569

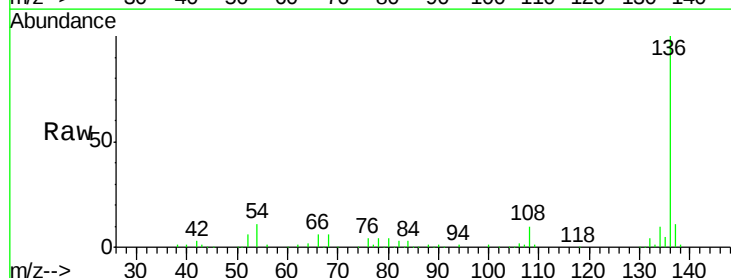
Ion Ratio Lower Upper

136 100

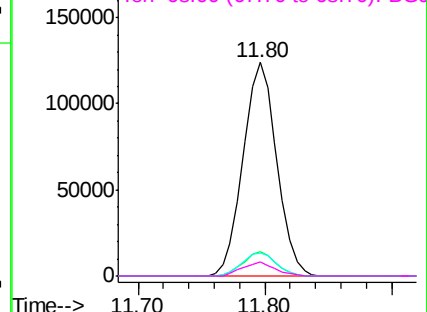
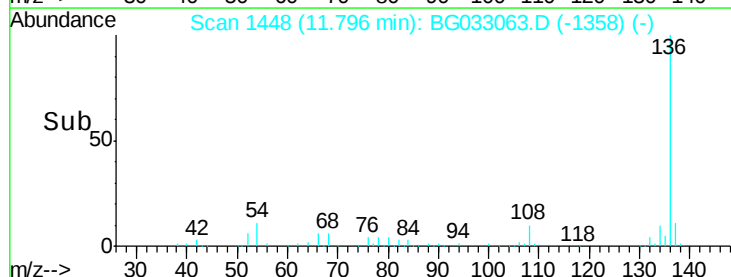
137 11.2 9.2 13.8

54 10.8 10.3 15.5

68 6.3 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

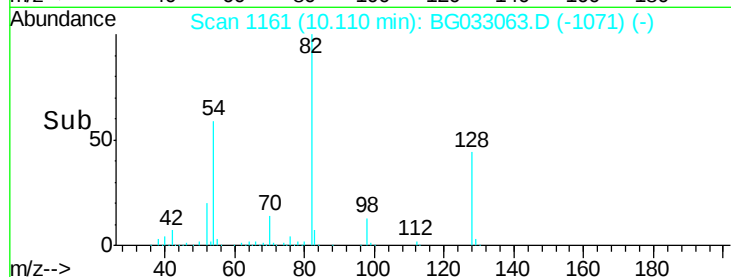
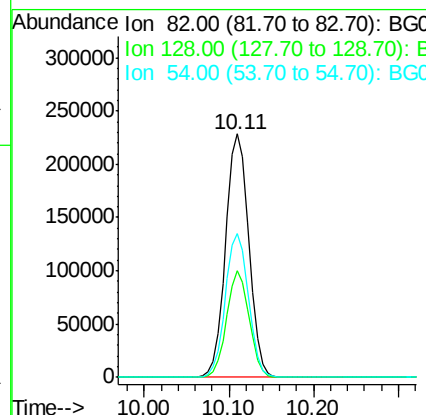
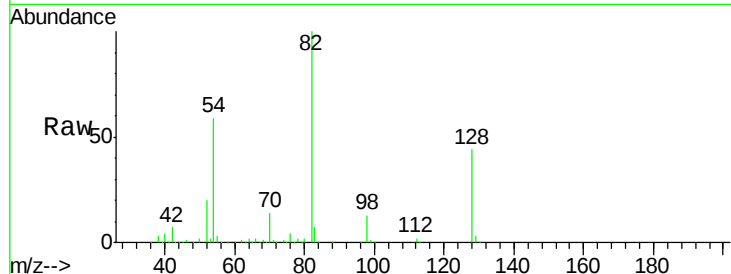




#23
 Nitrobenzene-d5
 Concen: 126.698 ng
 RT: 10.11 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: BG033063.D
 Acq: 9 Mar 2018 6:02

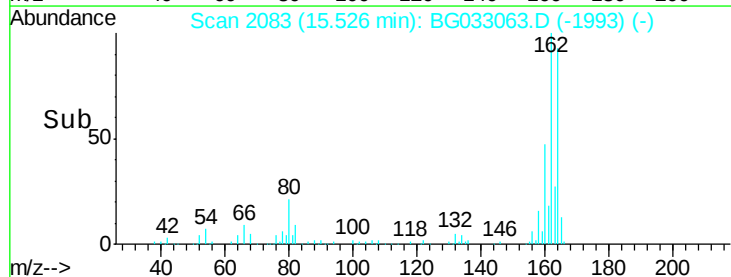
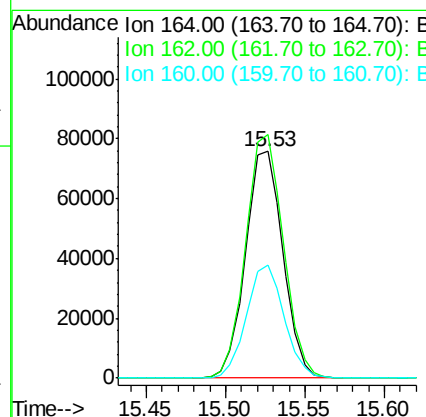
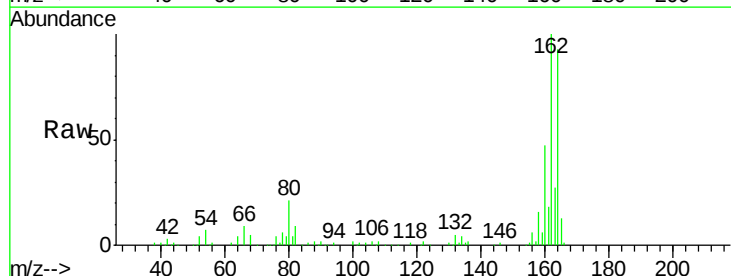
Instrument :
 BNA_G
 ClientSampleId :
 TP-3-A-COMP

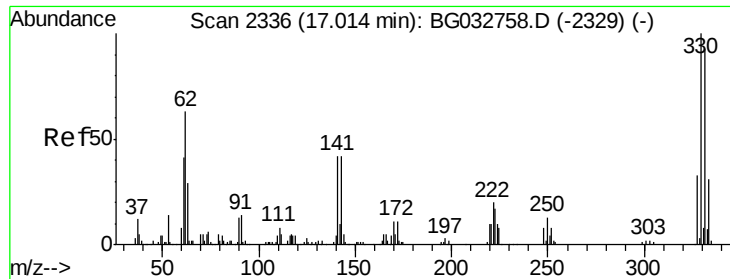
Tot Ion	82	Resp	433534
Ion Ratio	Lower	Upper	
82	100		
128	43.6	29.7	44.5
54	59.0	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.53 min Scan# 2083
 Delta R.T. -0.00 min
 Lab File: BG033063.D
 Acq: 9 Mar 2018 6:02

Tgt Ion	164	Resp	124134
Ion Ratio	Lower	Upper	
164	100		
162	107.5	78.8	118.2
160	50.1	35.4	53.0

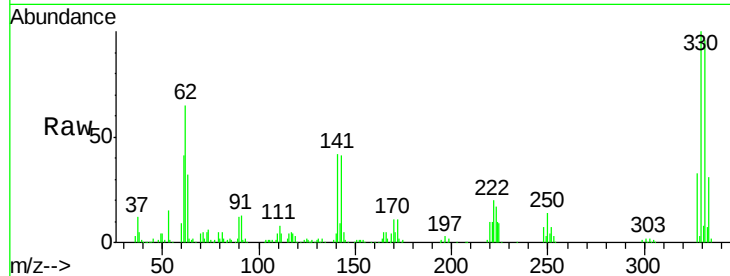




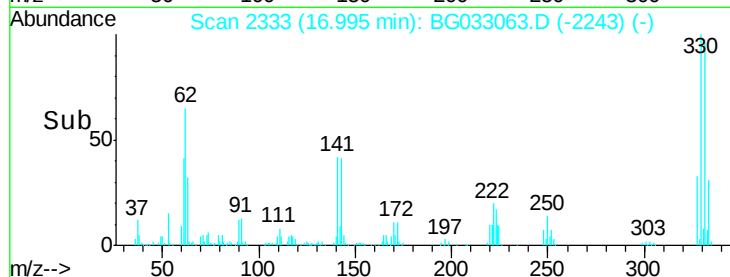
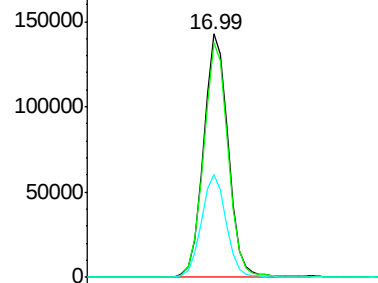
#41
 2,4,6-Tribromophenol
 Concen: 171.989 ng
 RT: 16.99 min Scan# 2333
 Delta R.T. -0.00 min
 Lab File: BG033063.D
 Acq: 9 Mar 2018 6:02

Instrument :
 BNA_G
 ClientSampleId :
 TP-3-A-COMP

Tot Ion:330 Resp: 224484
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 43.0 25.2 37.8#

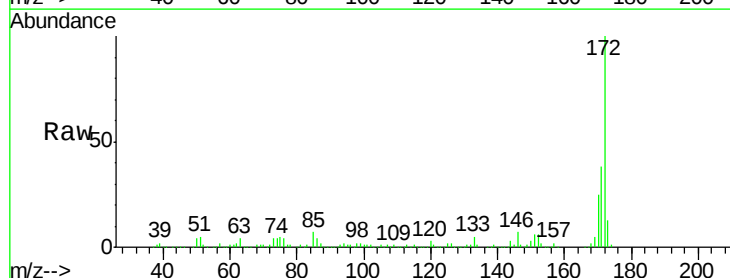


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

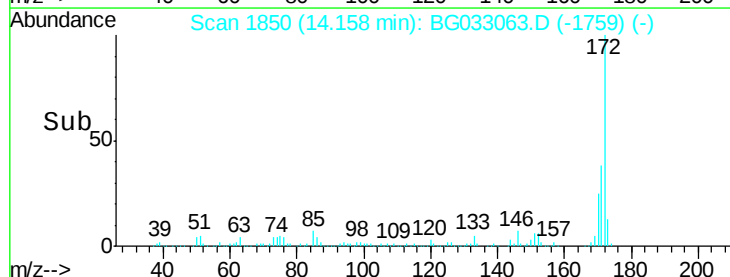
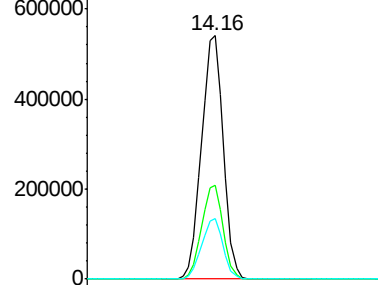


#44
 2-Fluorobiphenyl
 Concen: 104.971 ng
 RT: 14.16 min Scan# 1850
 Delta R.T. 0.00 min
 Lab File: BG033063.D
 Acq: 9 Mar 2018 6:02

Tgt Ion:172 Resp: 903479
 Ion Ratio Lower Upper
 172 100
 171 38.4 30.0 45.0
 170 24.9 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: 18.25 min Scan# 2547

Delta R.T. -0.00 min

Lab File: BG033063.D

Acq: 9 Mar 2018 6:02

Instrument :

BNA_G

ClientSampleId :

TP-3-A-COMP

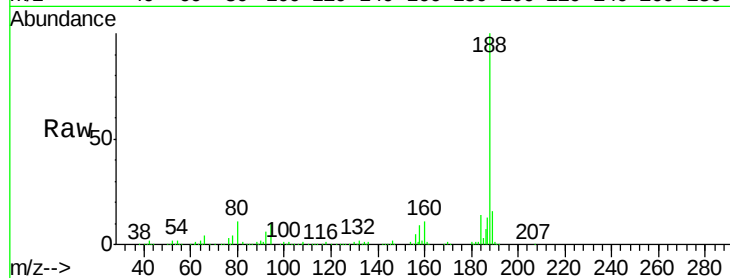
Tot Ion:188 Resp: 283642

Ion Ratio Lower Upper

188 100

94 9.7 6.9 10.3

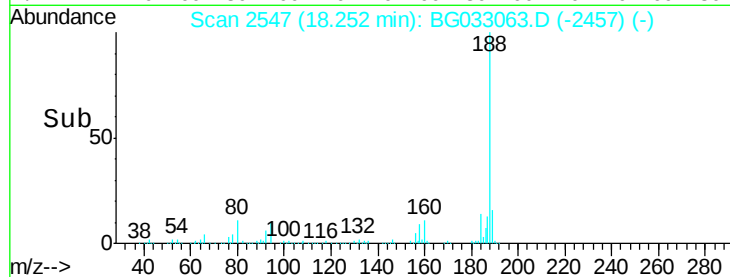
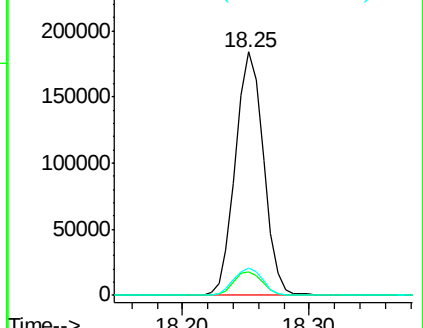
80 11.4 7.7 11.5



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: 22.60 min Scan# 3288

Delta R.T. -0.01 min

Lab File: BG033063.D

Acq: 9 Mar 2018 6:02

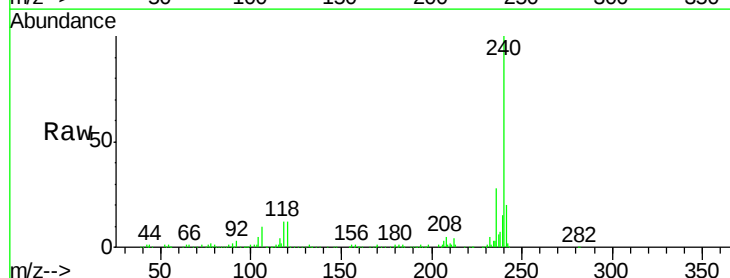
Tgt Ion:240 Resp: 257324

Ion Ratio Lower Upper

240 100

120 12.2 6.8 10.2#

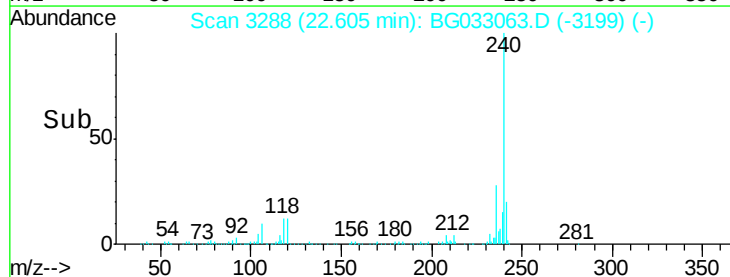
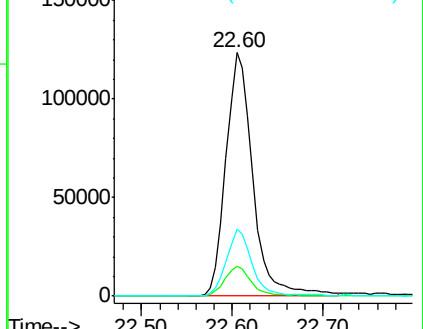
236 27.6 20.9 31.3

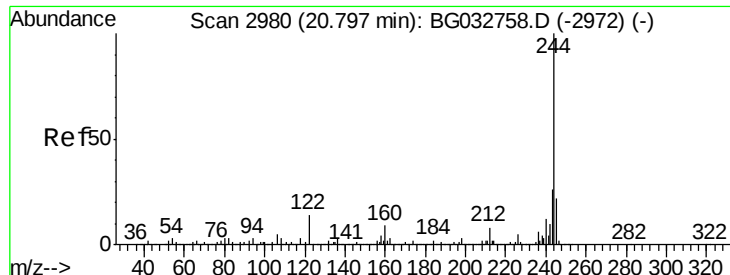


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 113.672 ng

RT: 20.77 min Scan# 2976

Delta R.T. 0.00 min

Lab File: BG033063.D

Acq: 9 Mar 2018 6:02

Instrument :

BNA_G

ClientSampleId :

TP-3-A-COMP

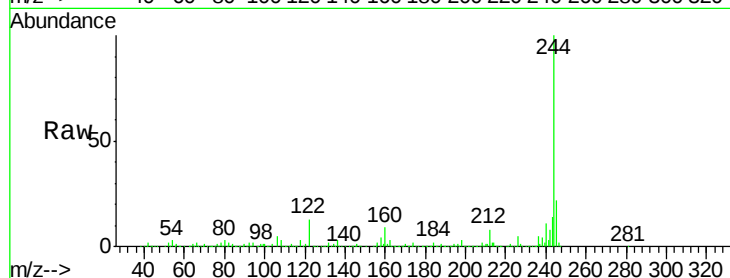
Tot Ion:244 Resp: 1301917

Ion Ratio Lower Upper

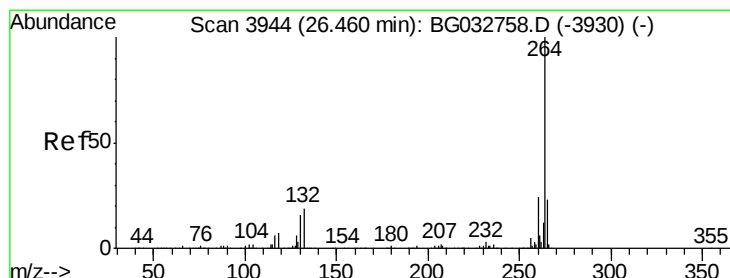
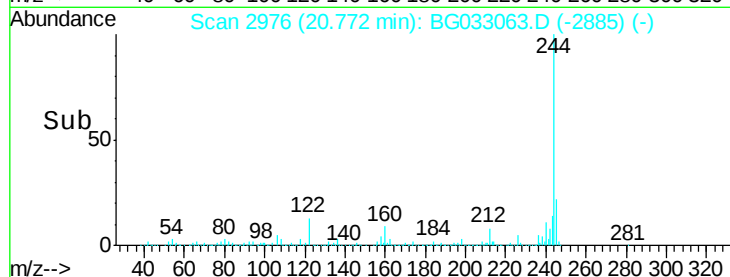
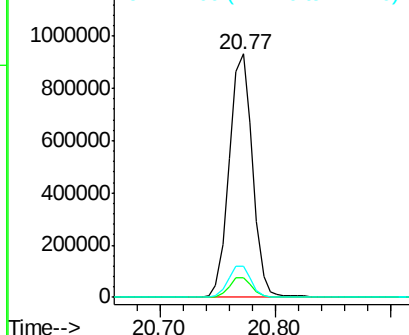
244 100

212 8.3 5.8 8.8

122 12.7 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# 3935

Delta R.T. -0.00 min

Lab File: BG033063.D

Acq: 9 Mar 2018 6:02

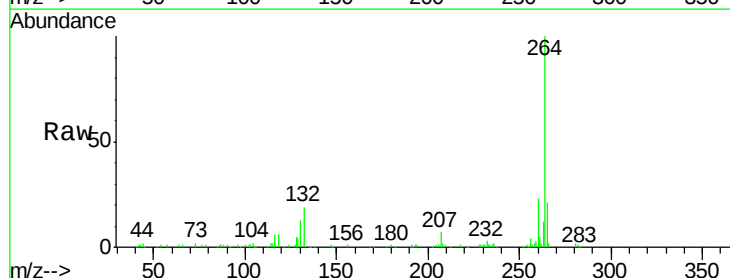
Tgt Ion:264 Resp: 229080

Ion Ratio Lower Upper

264 100

260 22.6 17.4 26.0

265 20.6 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

