

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031418\
 Data File : BG033159.D
 Acq On : 14 Mar 2018 22:48
 Operator : SJ/JU
 Sample : PB107354TB
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB107354TB

Quant Time: Mar 15 04:16:26 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 14 13:59:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	34153	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	151315	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	88031	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	222947	20.00	ng	0.00
75) Chrysene-d12	22.60	240	218814	20.00	ng	0.00
86) Perylene-d12	26.41	264	228073	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.32	112	292208	136.88	ng	0.00
7) Phenol-d6	8.00	99	361056	121.34	ng	0.00
23) Nitrobenzene-d5	10.10	82	217743	98.13	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	94832	102.45	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	510581	83.65	ng	0.00
78) Terphenyl-d14	20.76	244	904683	92.89	ng	0.00

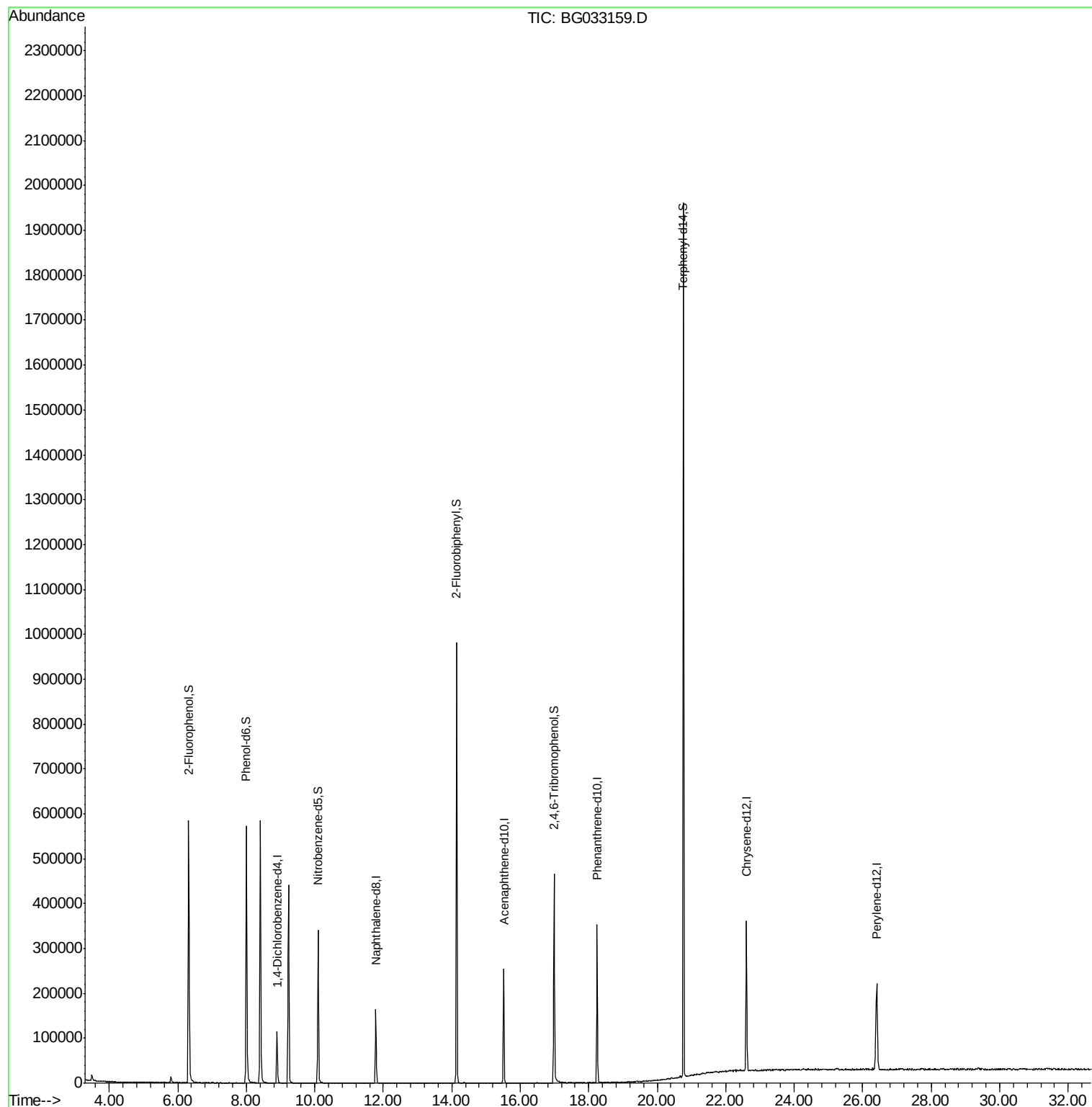
Target Compounds Qvalue

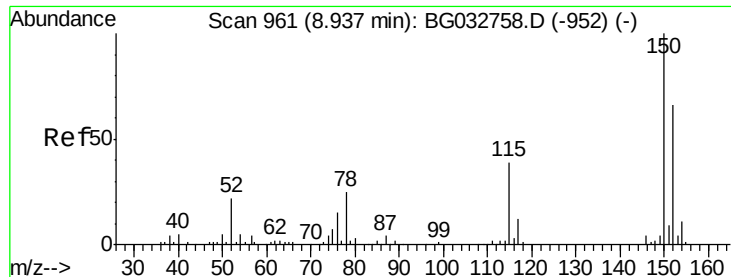
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 14 13:59:34 2018
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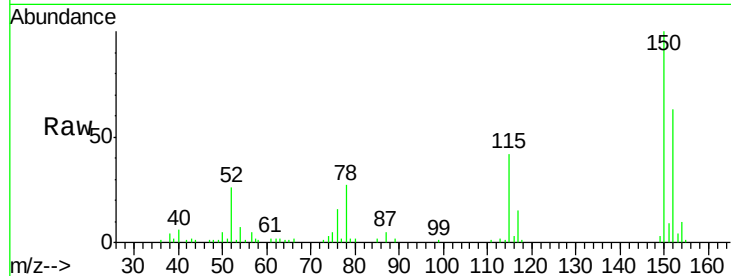


#1

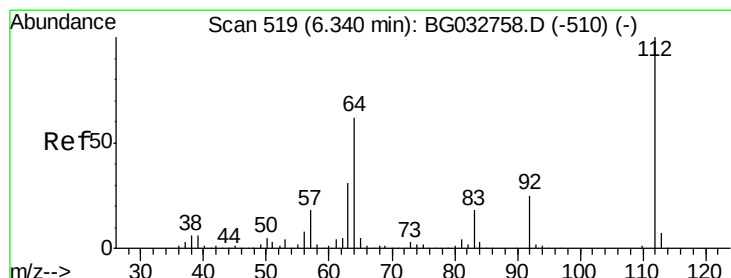
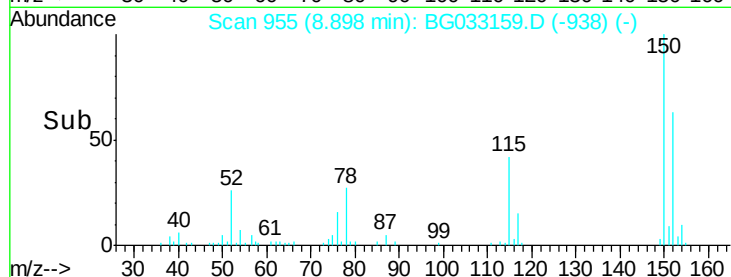
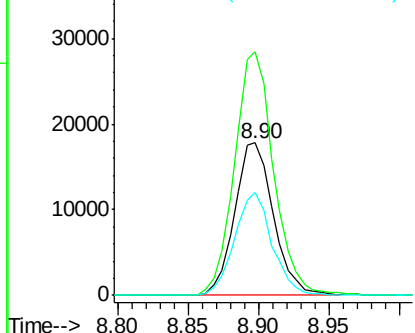
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.90 min Scan# 955
 Delta R.T. 0.00 min
 Lab File: BG033159.D
 Acq: 14 Mar 2018 22:48

Instrument :
 BNA_G
 ClientSampleId :
 PB107354TB

Tot Ion:152 Resp: 34153
 Ion Ratio Lower Upper
 152 100
 150 159.7 126.6 189.8
 115 67.8 53.0 79.4



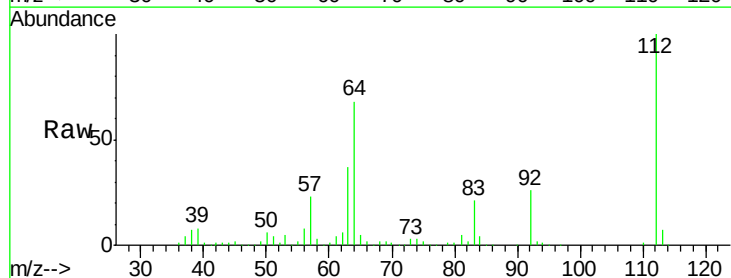
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



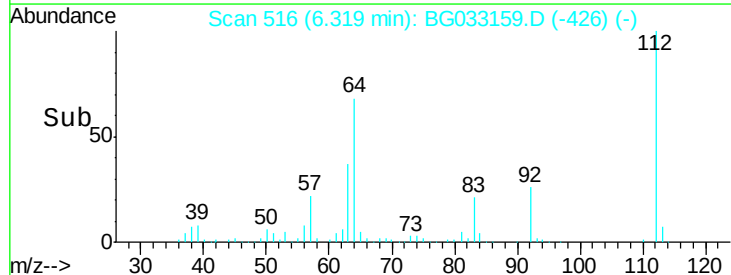
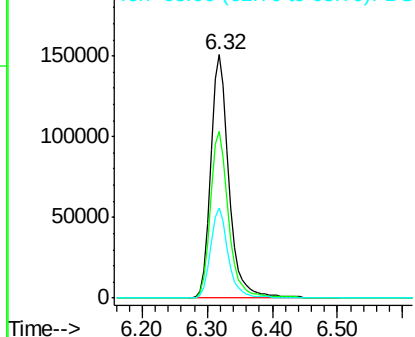
#5

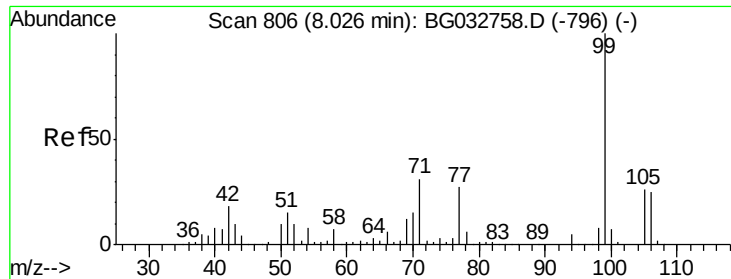
2-Fluorophenol
 Concen: 136.881 ng
 RT: 6.32 min Scan# 516
 Delta R.T. 0.00 min
 Lab File: BG033159.D
 Acq: 14 Mar 2018 22:48

Tgt Ion:112 Resp: 292208
 Ion Ratio Lower Upper
 112 100
 64 68.3 56.3 84.5
 63 36.8 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: 121.341 ng

RT: 8.00 min Scan# 803

Delta R.T. -0.01 min

Lab File: BG033159.D

Acq: 14 Mar 2018 22:48

Instrument :

BNA_G

ClientSampleId :

PB107354TB

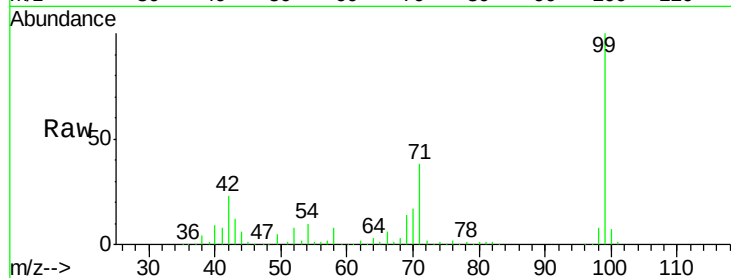
Tot Ion: 99 Resp: 361056

Ion Ratio Lower Upper

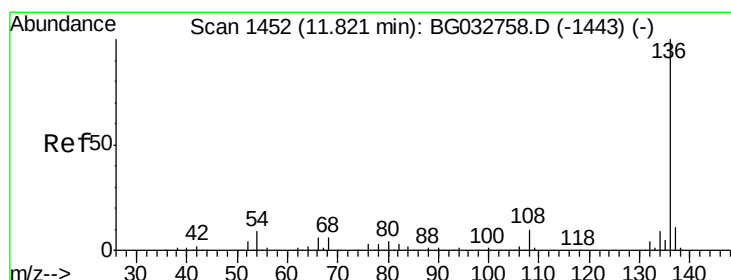
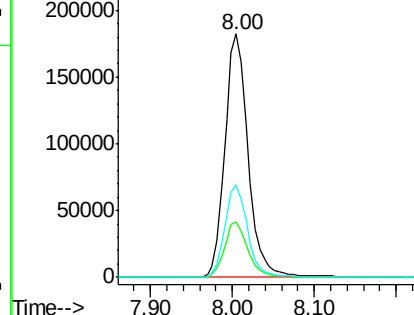
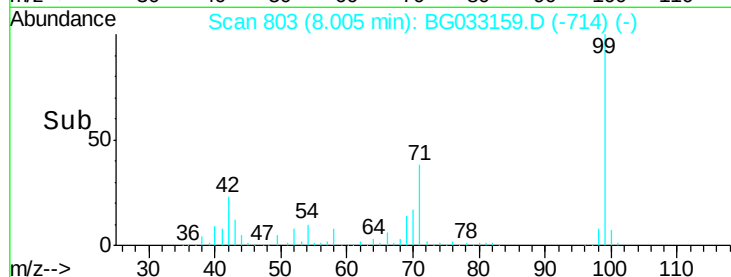
99 100

42 22.8 14.1 21.1#

71 38.0 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: 11.78 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BG033159.D

Acq: 14 Mar 2018 22:48

Tgt Ion: 136 Resp: 151315

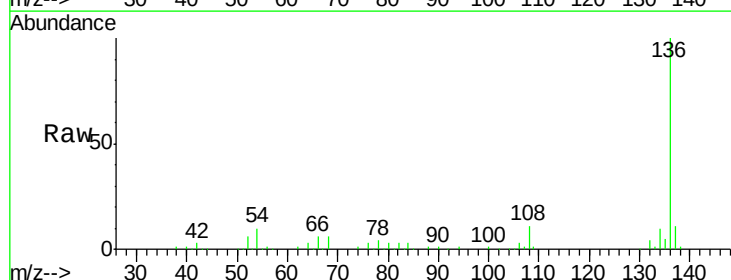
Ion Ratio Lower Upper

136 100

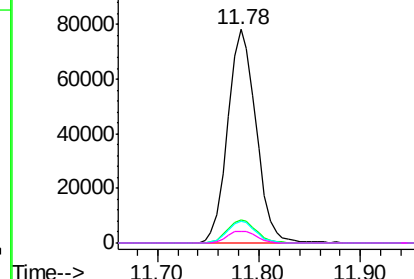
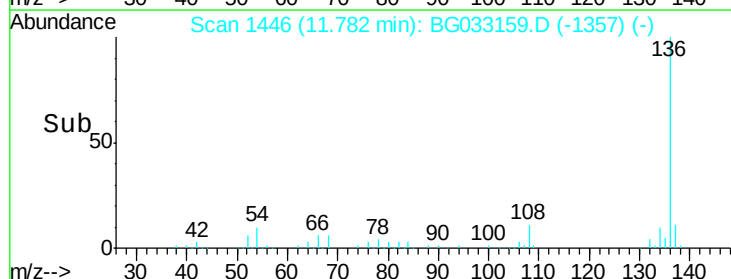
137 10.6 9.2 13.8

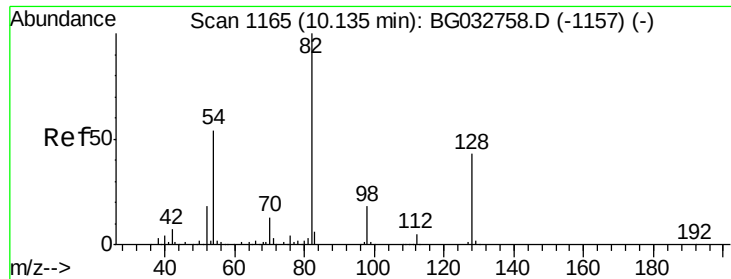
54 10.5 10.3 15.5

68 5.7 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: 98.127 ng

RT: 10.10 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BG033159.D

Acq: 14 Mar 2018 22:48

Instrument :

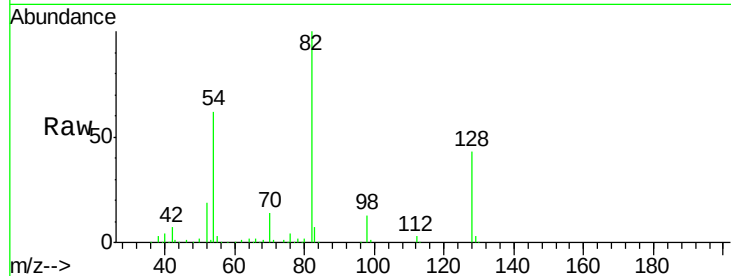
BNA_G

ClientSampleId :

PB107354TB

Tot Ion: 82 Resp: 217743

Ion	Ratio	Lower	Upper
82	100		
128	43.1	29.7	44.5
54	61.7	43.1	64.7

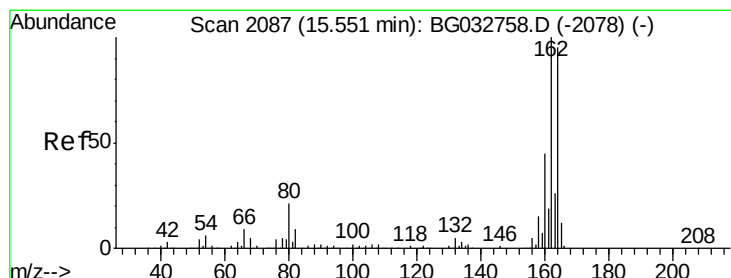
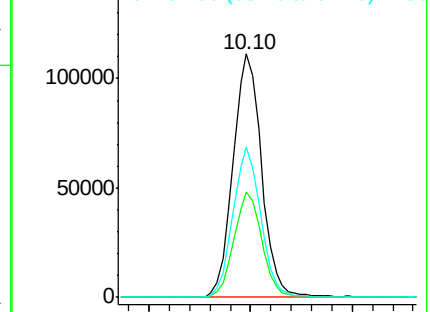
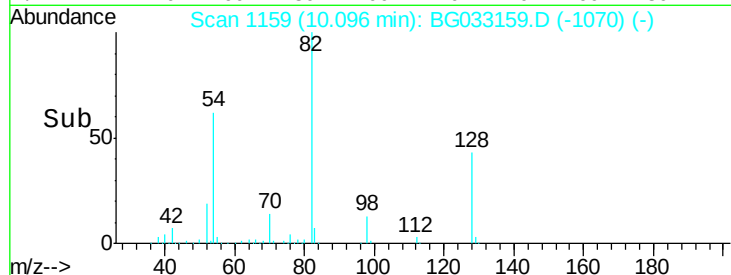


Abundance

Ion 82.00 (81.70 to 82.70): BG032758.D (-1157) (-)

Ion 128.00 (127.70 to 128.70): BG032758.D (-1157) (-)

Ion 54.00 (53.70 to 54.70): BG032758.D (-1157) (-)



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.52 min Scan# 2082

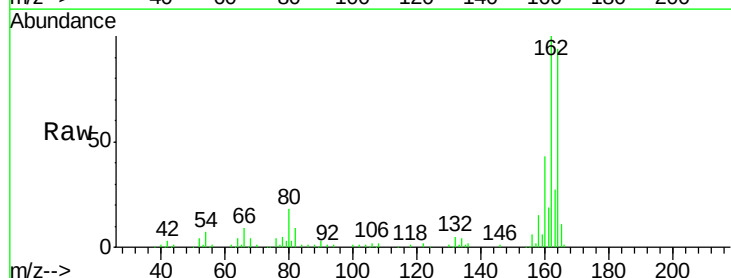
Delta R.T. 0.00 min

Lab File: BG033159.D

Acq: 14 Mar 2018 22:48

Tgt Ion: 164 Resp: 88031

Ion	Ratio	Lower	Upper
164	100		
162	106.7	78.8	118.2
160	46.3	35.4	53.0

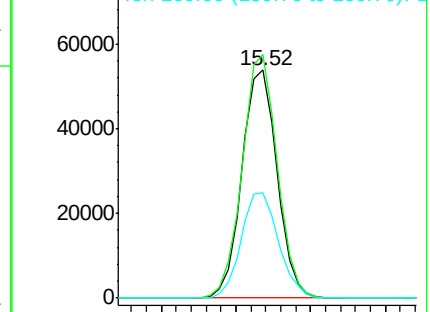
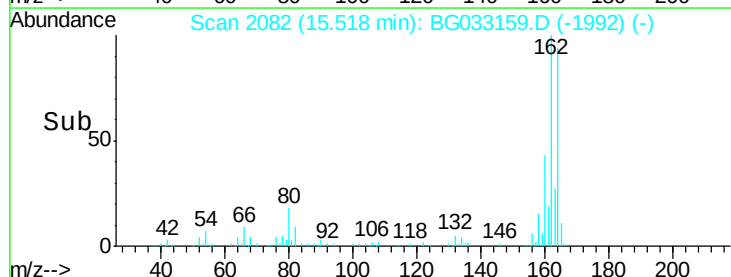


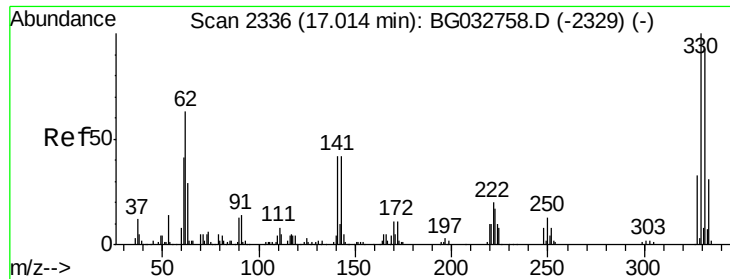
Abundance

Ion 164.00 (163.70 to 164.70): BG032758.D (-2078) (-)

Ion 162.00 (161.70 to 162.70): BG032758.D (-2078) (-)

Ion 160.00 (159.70 to 160.70): BG032758.D (-2078) (-)

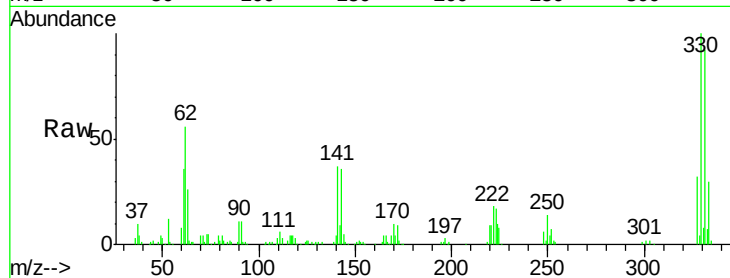




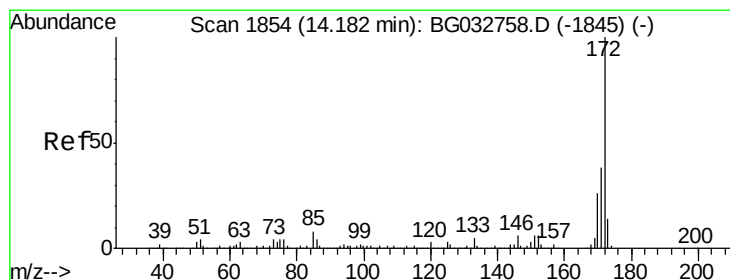
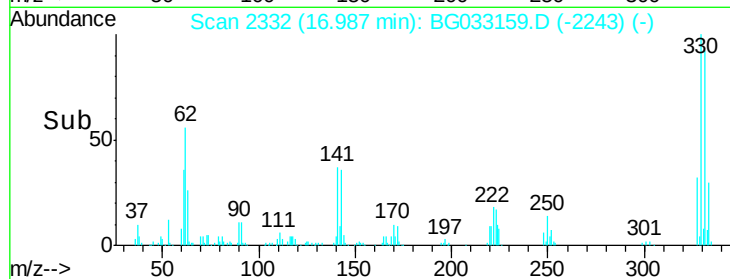
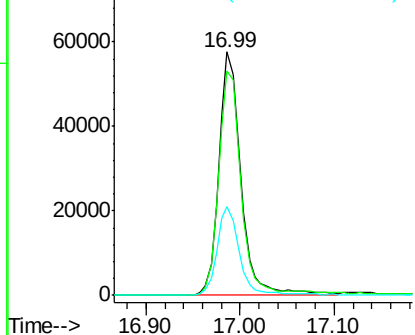
#41
 2,4,6-Tribromophenol
 Concen: 102.453 ng
 RT: 16.99 min Scan# 2332
 Delta R.T. -0.01 min
 Lab File: BG033159.D
 Acq: 14 Mar 2018 22:48

Instrument :
 BNA_G
 ClientSampleId :
 PB107354TB

Tot Ion:330 Resp: 94832
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.0 115.6
 141 37.0 25.2 37.8

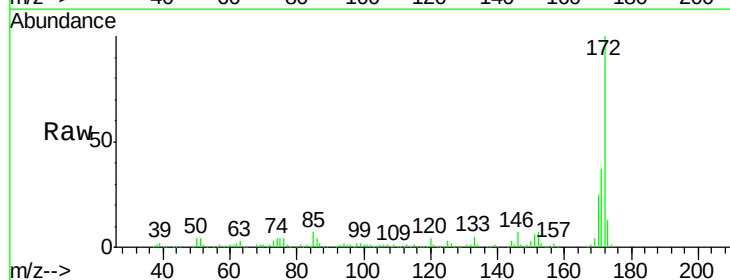


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

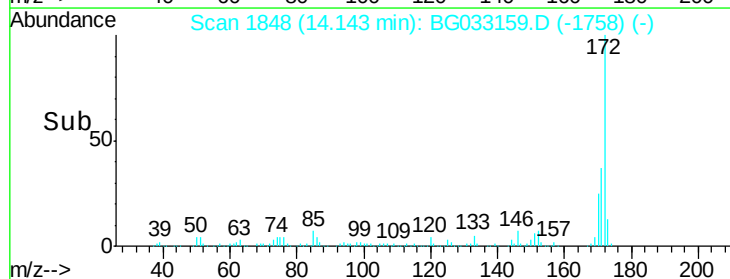
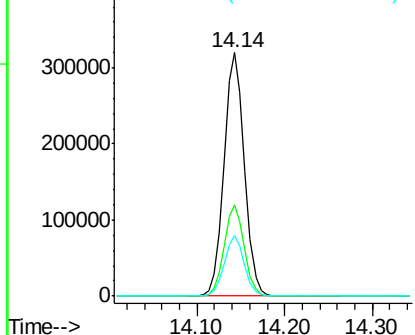


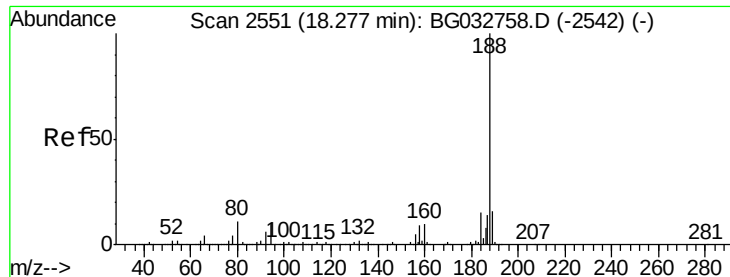
#44
 2-Fluorobiphenyl
 Concen: 83.651 ng
 RT: 14.14 min Scan# 1848
 Delta R.T. 0.00 min
 Lab File: BG033159.D
 Acq: 14 Mar 2018 22:48

Tgt Ion:172 Resp: 510581
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.0 45.0
 170 24.6 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: 18.24 min Scan# 2546

Delta R.T. -0.01 min

Lab File: BG033159.D

Acq: 14 Mar 2018 22:48

Instrument :

BNA_G

ClientSampleId :

PB107354TB

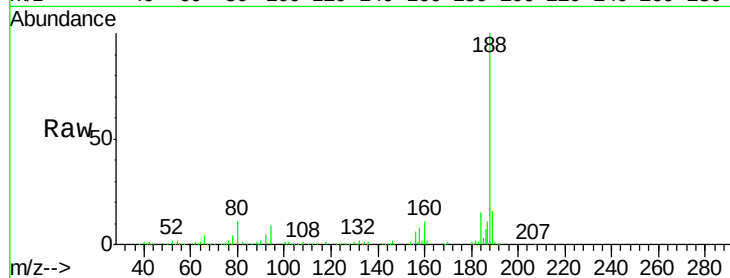
Tot Ion:188 Resp: 222947

Ion Ratio Lower Upper

188 100

94 9.0 6.9 10.3

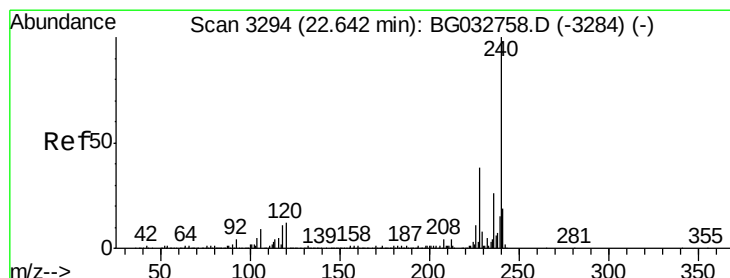
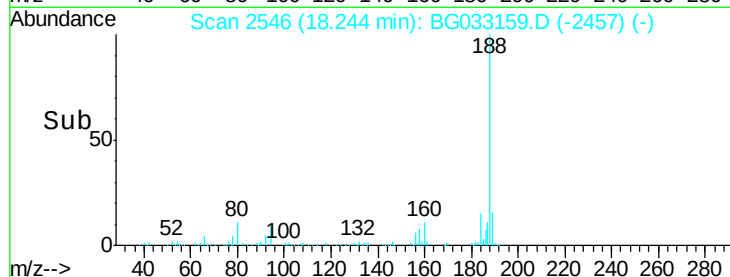
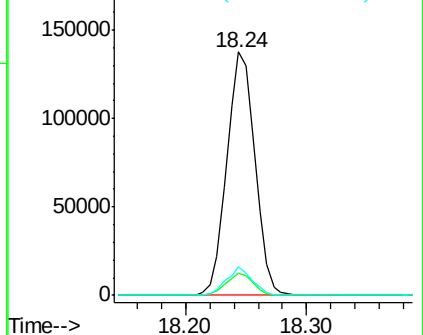
80 11.5 7.7 11.5



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: BG033159.D

Acq: 14 Mar 2018 22:48

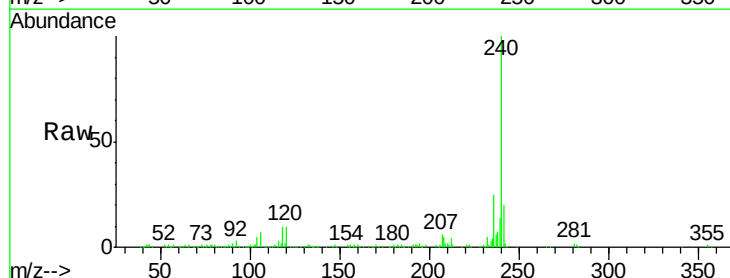
Tgt Ion:240 Resp: 218814

Ion Ratio Lower Upper

240 100

120 9.5 6.8 10.2

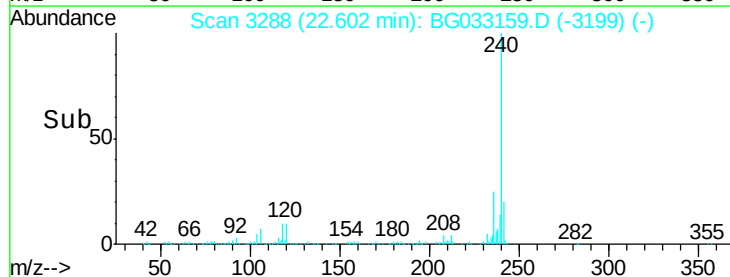
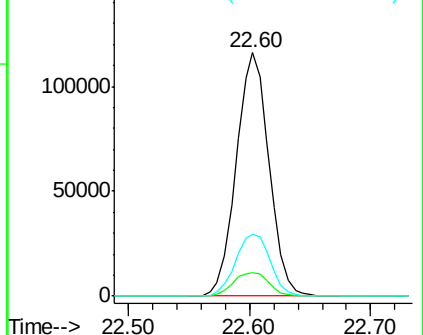
236 25.3 20.9 31.3

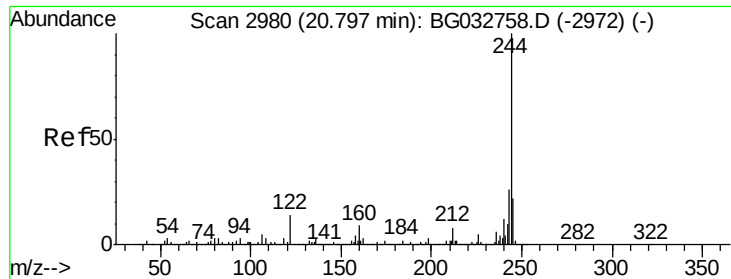


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 92.891 ng

RT: 20.76 min Scan# 2975

Delta R.T. 0.00 min

Lab File: BG033159.D

Acq: 14 Mar 2018 22:48

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ClientSampleId :

PB107354TB

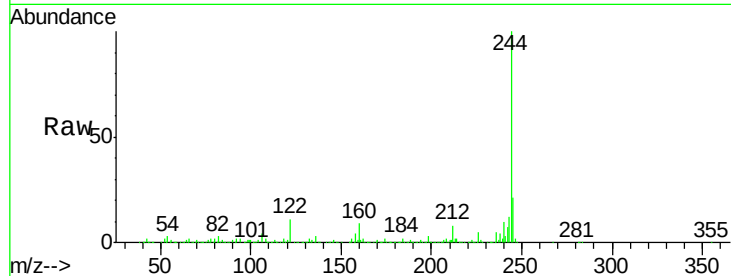
Tot Ion:244 Resp: 904683

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

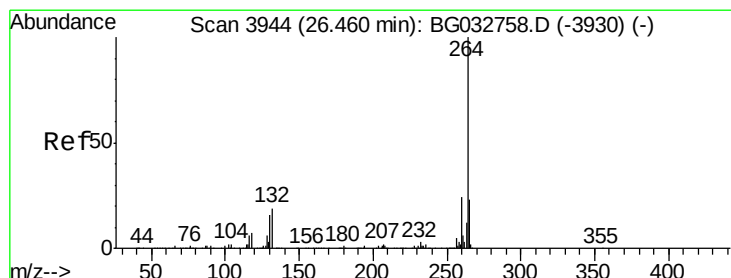
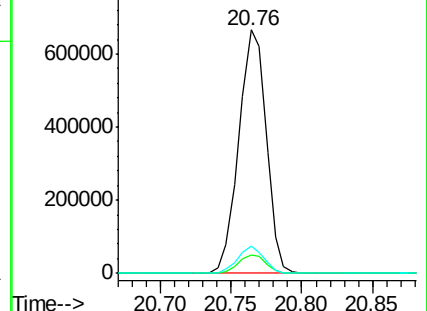
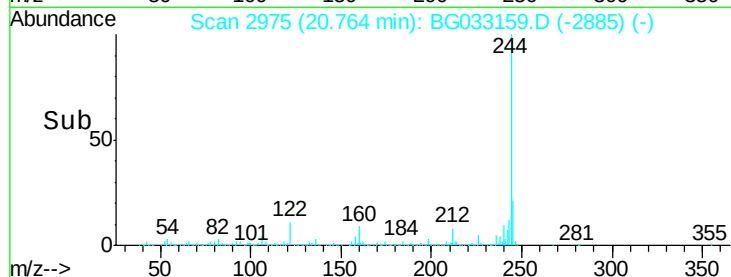
122 11.0 7.0 10.4#



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: 26.41 min Scan# 3936

Delta R.T. 0.00 min

Lab File: BG033159.D

Acq: 14 Mar 2018 22:48

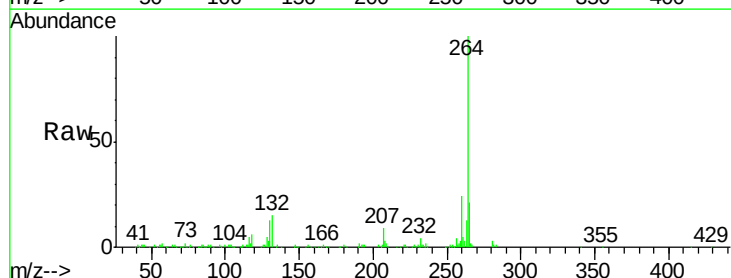
Tgt Ion:264 Resp: 228073

Ion Ratio Lower Upper

264 100

260 23.7 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

