

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG030918\
 Data File : BG033081.D
 Acq On : 9 Mar 2018 20:38
 Operator : SJ/JU
 Sample : PB107212BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB107212BL

Quant Time: Mar 10 05:06:05 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 15:10:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	51588	20.00	ng	0.00
21) Naphthalene-d8	11.79	136	226294	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	128651	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	291806	20.00	ng	0.00
75) Chrysene-d12	22.60	240	268158	20.00	ng	0.00
86) Perylene-d12	26.42	264	222140	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.32	112	337185	104.57	ng	0.00
7) Phenol-d6	8.00	99	444813	98.97	ng	0.00
23) Nitrobenzene-d5	10.11	82	265825	81.92	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	98715	72.98	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	594133	66.61	ng	0.00
78) Terphenyl-d14	20.77	244	885799	74.22	ng	0.00

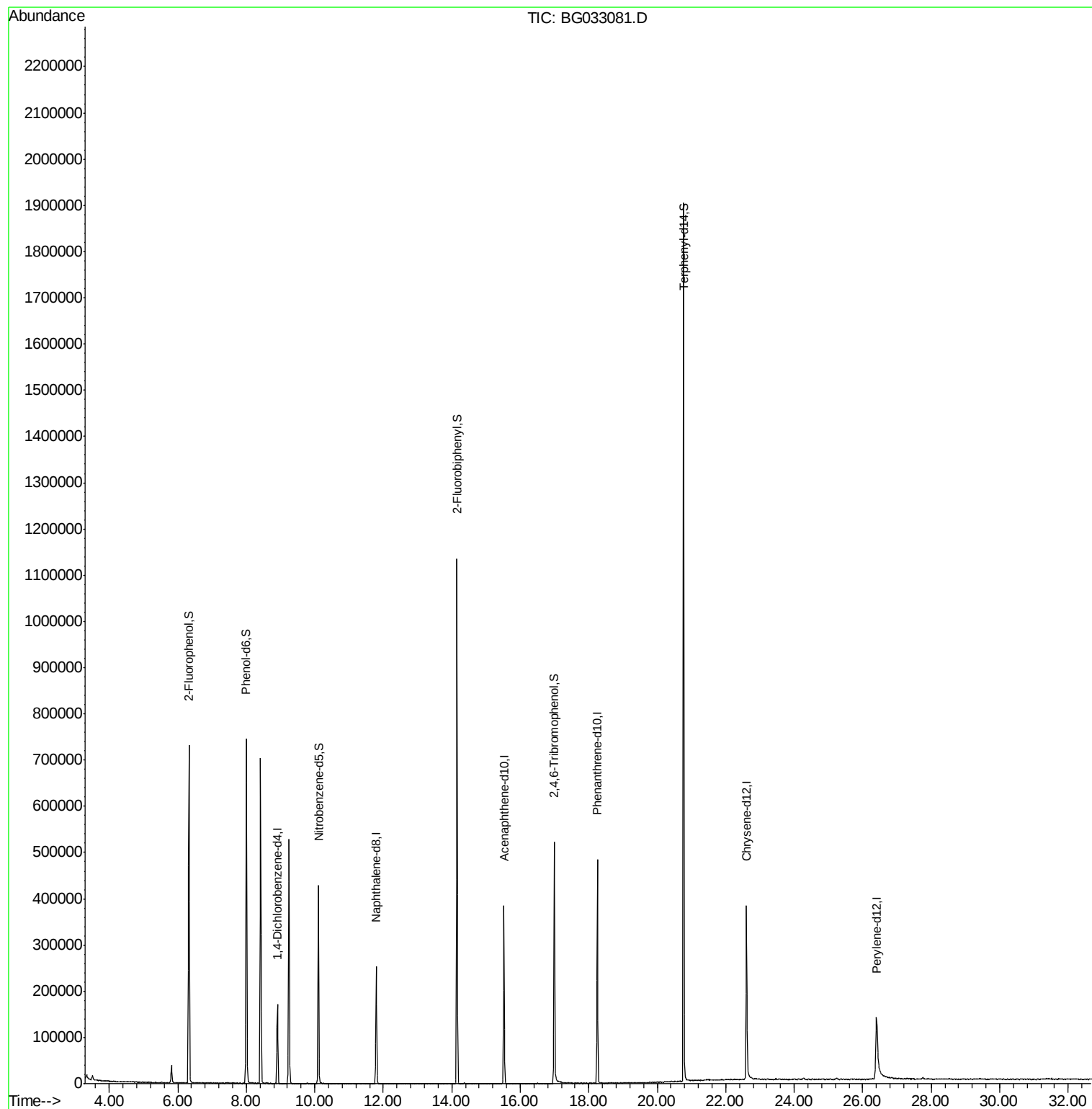
Target Compounds Qvalue

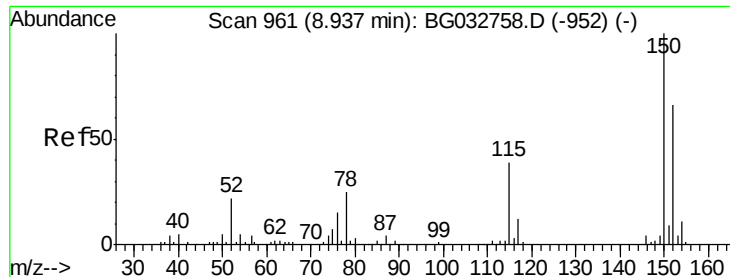
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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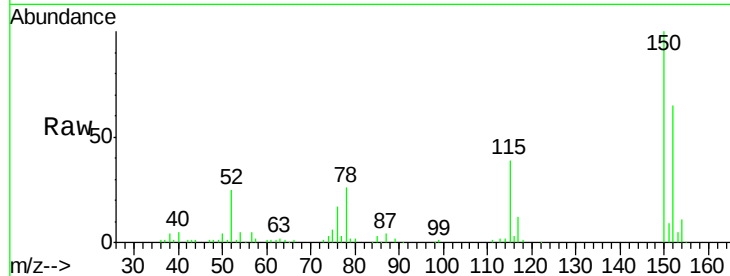


#1

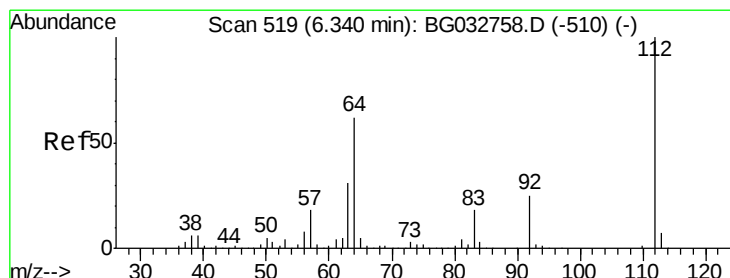
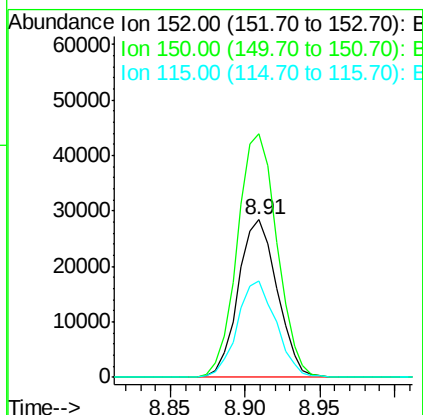
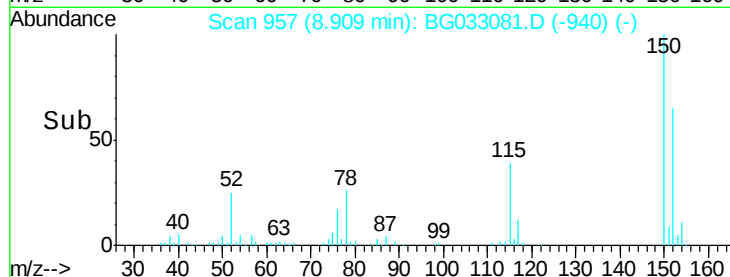
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. 0.00 min
Lab File: BG033081.D
Acq: 9 Mar 2018 20:38

Instrument :
BNA_G
ClientSampleId :
PB107212BL

Tot Ion:152 Resp: 51588
Ion Ratio Lower Upper
152 100
150 154.5 126.6 189.8
115 60.9 53.0 79.4



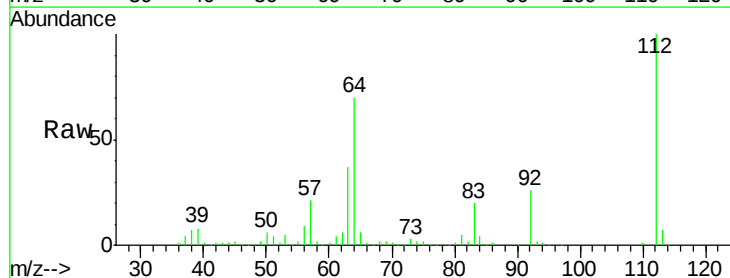
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



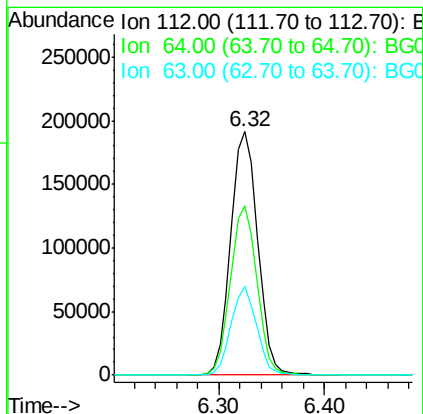
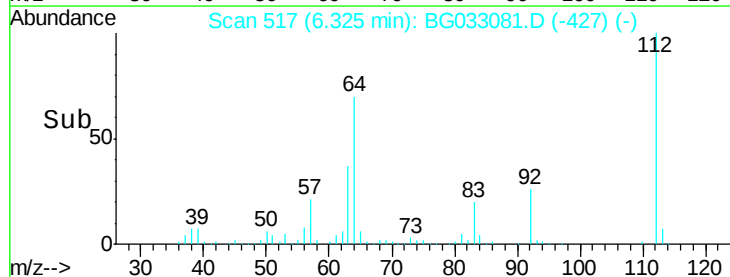
#5

2-Fluorophenol
Concen: 104.568 ng
RT: 6.32 min Scan# 517
Delta R.T. 0.00 min
Lab File: BG033081.D
Acq: 9 Mar 2018 20:38

Tgt Ion:112 Resp: 337185
Ion Ratio Lower Upper
112 100
64 69.7 56.3 84.5
63 36.6 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 98.967 ng

RT: 8.00 min Scan# 803

Delta R.T. 0.00 min

Lab File: BG033081.D

Acq: 9 Mar 2018 20:38

Instrument :

BNA_G

ClientSampleId :

PB107212BL

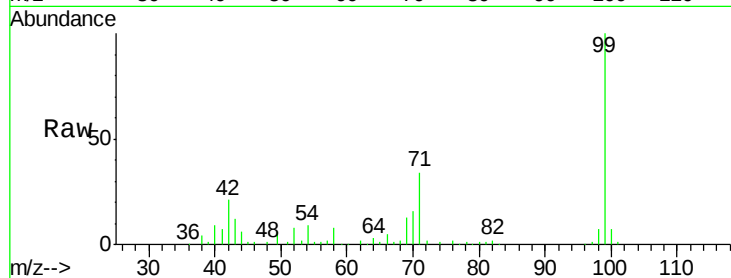
Tot Ion: 99 Resp: 444813

Ion Ratio Lower Upper

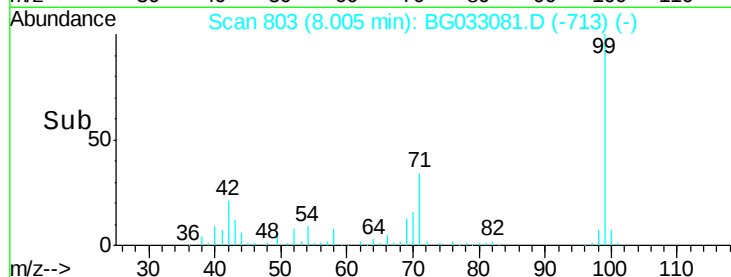
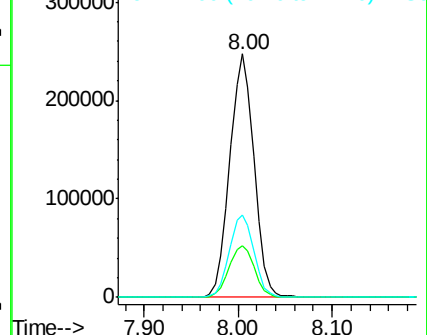
99 100

42 21.4 14.1 21.1#

71 34.0 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: 11.79 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BG033081.D

Acq: 9 Mar 2018 20:38

Tgt Ion: 136 Resp: 226294

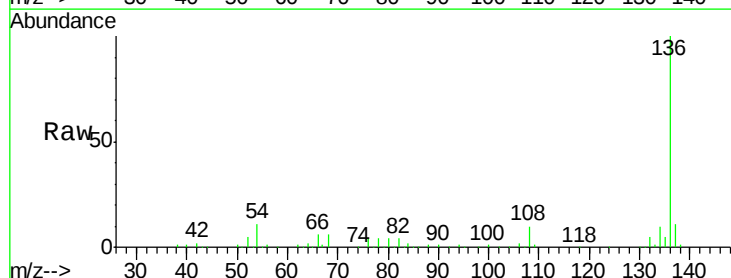
Ion Ratio Lower Upper

136 100

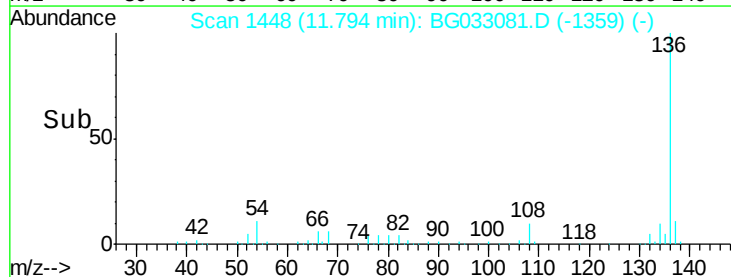
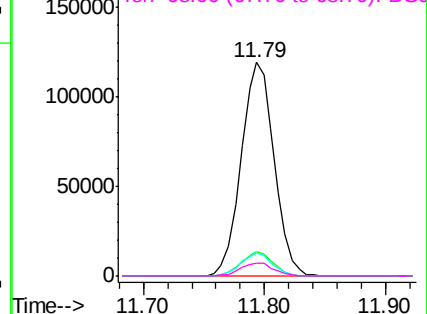
137 11.1 9.2 13.8

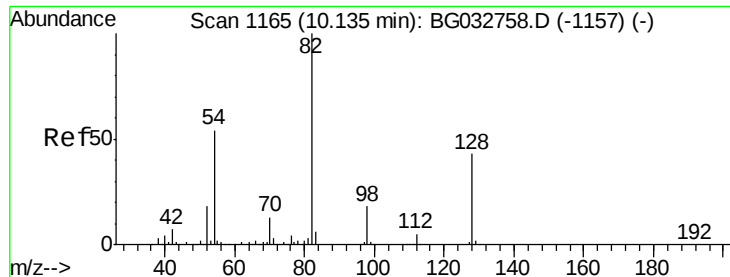
54 10.8 10.3 15.5

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

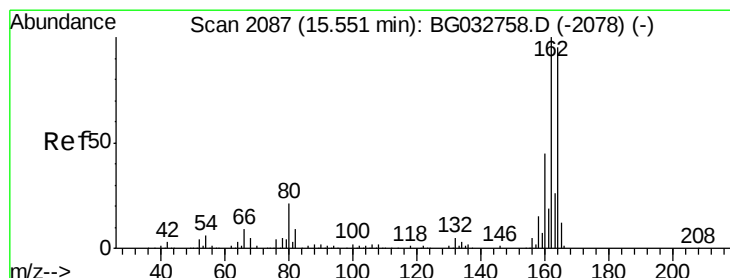
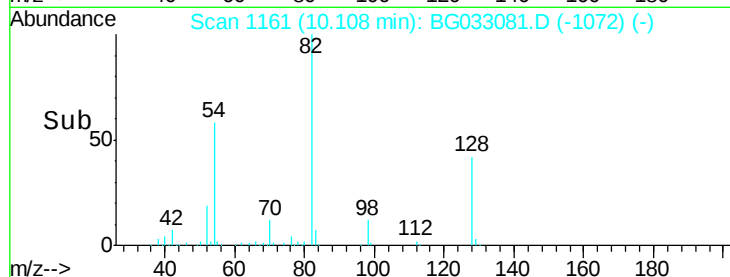
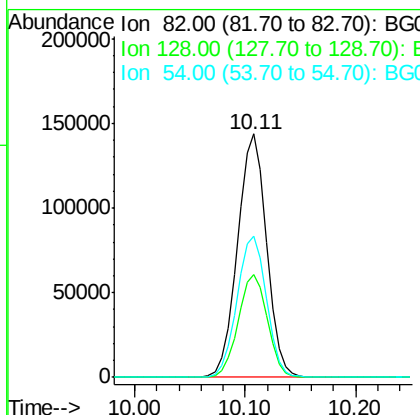
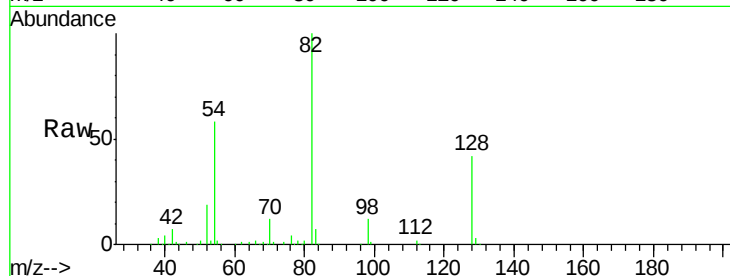




#23
Nitrobenzene-d5
Concen: 81.924 ng
RT: 10.11 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BG033081.D
Acq: 9 Mar 2018 20:38

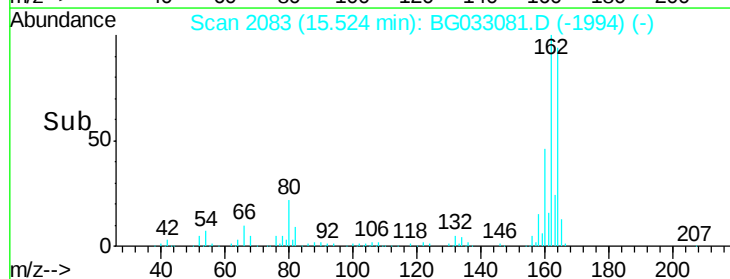
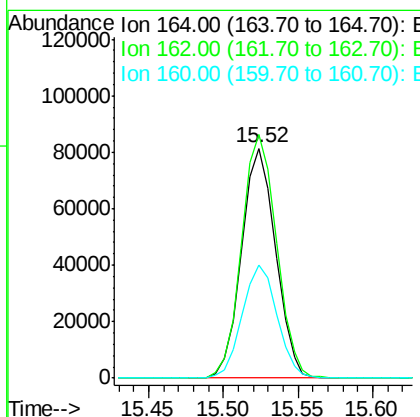
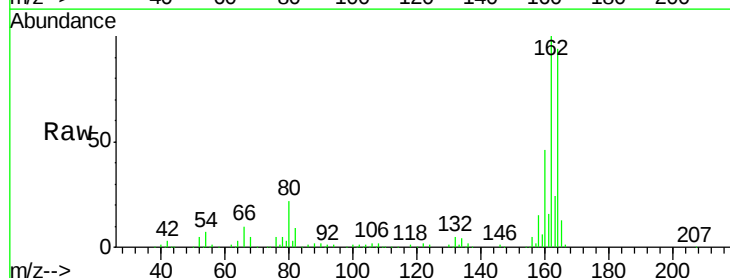
Instrument :
BNA_G
ClientSampleId :
PB107212BL

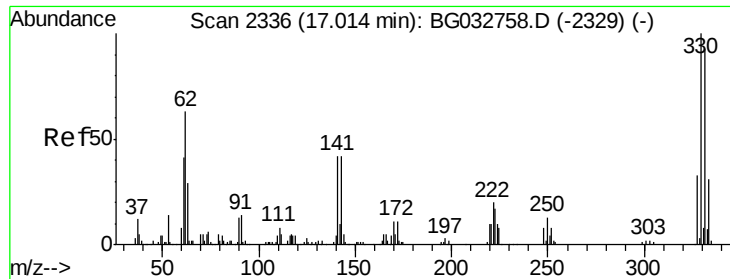
Tot Ion	82	Resp	265825
Ion Ratio	Lower	Upper	
82	100		
128	42.4	29.7	44.5
54	58.0	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.52 min Scan# 2083
Delta R.T. -0.01 min
Lab File: BG033081.D
Acq: 9 Mar 2018 20:38

Tgt Ion	164	Resp	128651
Ion Ratio	Lower	Upper	
164	100		
162	105.9	78.8	118.2
160	49.1	35.4	53.0

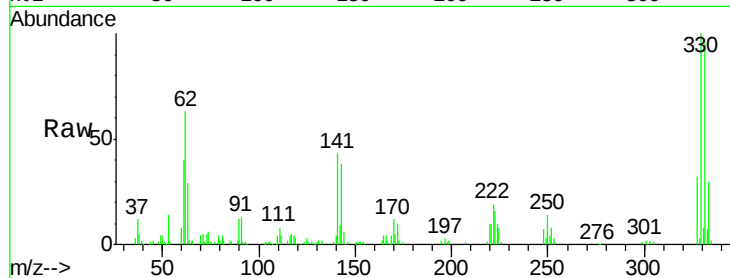




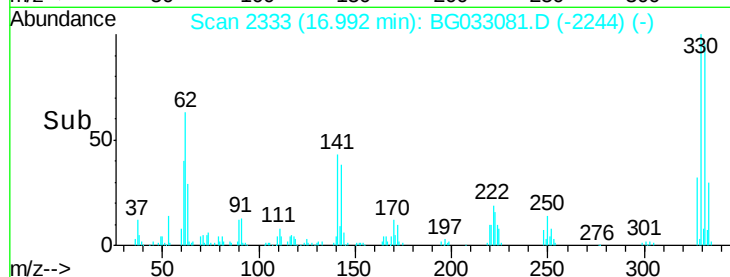
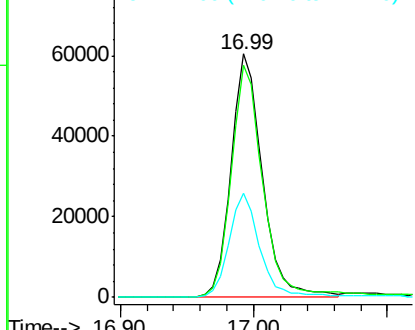
#41
 2,4,6-Tribromophenol
 Concen: 72.975 ng
 RT: 16.99 min Scan# 2333
 Delta R.T. -0.01 min
 Lab File: BG033081.D
 Acq: 9 Mar 2018 20:38

Instrument :
 BNA_G
 ClientSampleId :
 PB107212BL

Tot Ion:330 Resp: 98715
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.0 115.6
 141 42.5 25.2 37.8#

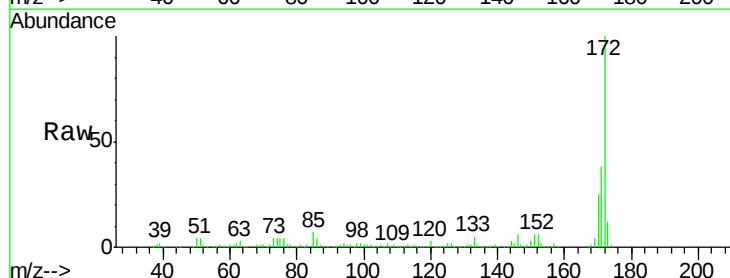


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

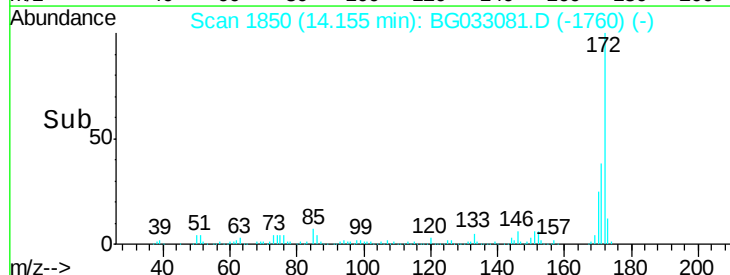
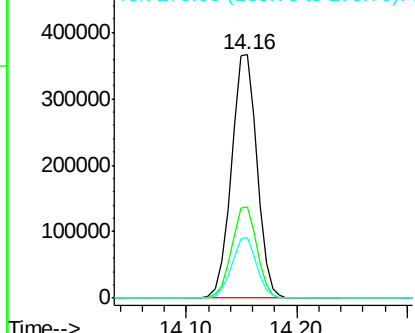


#44
 2-Fluorobiphenyl
 Concen: 66.606 ng
 RT: 14.16 min Scan# 1850
 Delta R.T. 0.00 min
 Lab File: BG033081.D
 Acq: 9 Mar 2018 20:38

Tgt Ion:172 Resp: 594133
 Ion Ratio Lower Upper
 172 100
 171 37.7 30.0 45.0
 170 24.7 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. -0.01 min

Lab File: BG033081.D

Acq: 9 Mar 2018 20:38

Instrument :

BNA_G

ClientSampleId :

PB107212BL

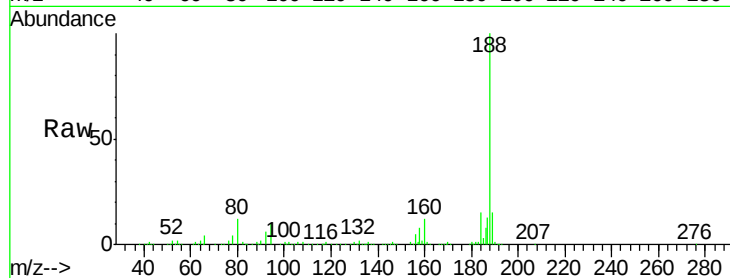
Tot Ion:188 Resp: 291806

Ion Ratio Lower Upper

188 100

94 9.6 6.9 10.3

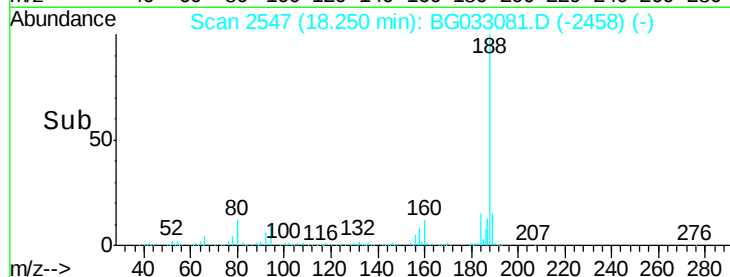
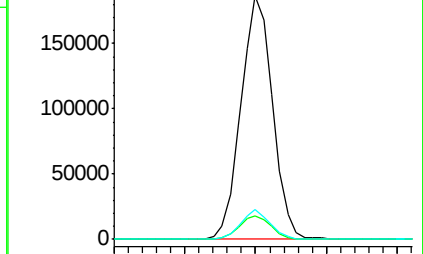
80 12.1 7.7 11.5#



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: BG033081.D

Acq: 9 Mar 2018 20:38

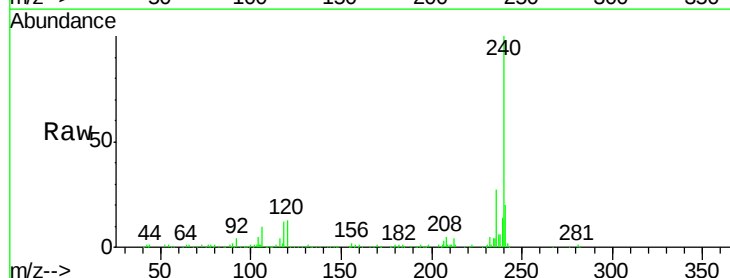
Tgt Ion:240 Resp: 268158

Ion Ratio Lower Upper

240 100

120 13.2 6.8 10.2#

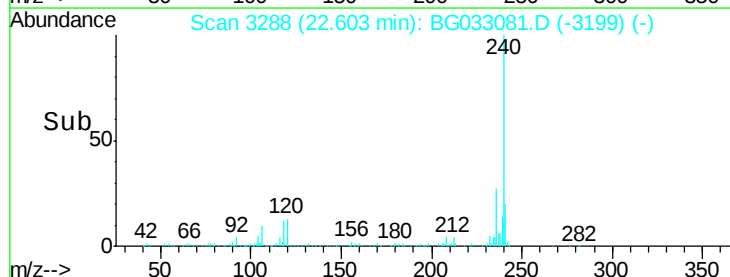
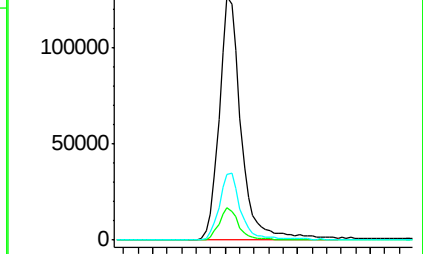
236 27.1 20.9 31.3



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: 74.216 ng

RT: 20.77 min Scan# 2976

Delta R.T. 0.00 min

Lab File: BG033081.D

Acq: 9 Mar 2018 20:38

Instrument :

BNA_G

ClientSampleId :

PB107212BL

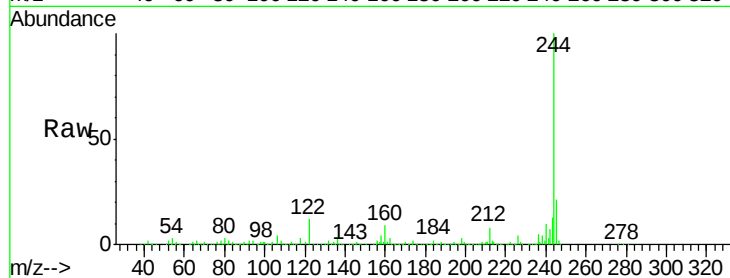
Tot Ion:244 Resp: 885799

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

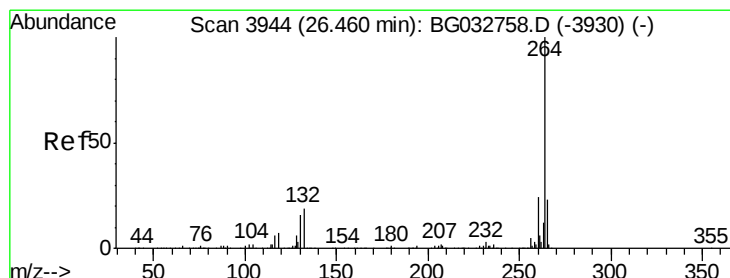
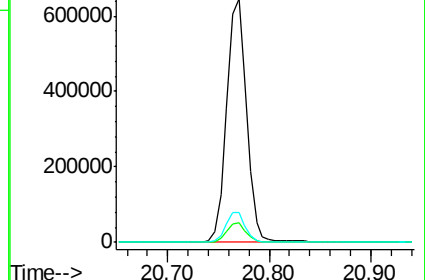
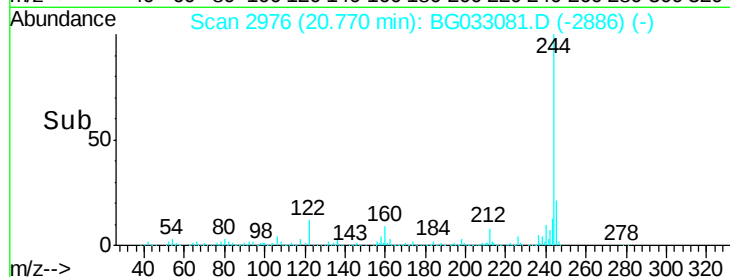
122 12.0 7.0 10.4#



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: BG033081.D

Acq: 9 Mar 2018 20:38

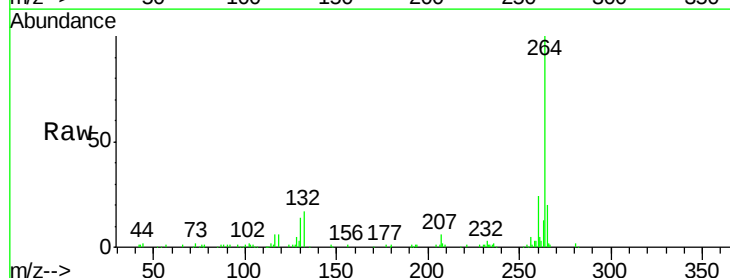
Tgt Ion:264 Resp: 222140

Ion Ratio Lower Upper

264 100

260 24.1 17.4 26.0

265 19.9 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

