

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031318\
 Data File : BG033119.D
 Acq On : 13 Mar 2018 14:37
 Operator : SJ/JU
 Sample : PB107235BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB107235BL

Quant Time: Mar 13 15:35:10 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	43845	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	188714	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	102588	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	238150	20.00	ng	0.00
75) Chrysene-d12	22.61	240	237568	20.00	ng	0.00
86) Perylene-d12	26.41	264	224553	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	334025	121.88	ng	0.00
7) Phenol-d6	8.01	99	434375	113.71	ng	0.00
23) Nitrobenzene-d5	10.10	82	269498	97.46	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	146208	135.54	ng	0.00
44) 2-Fluorobiphenyl	14.15	172	585644	82.33	ng	0.00
78) Terphenyl-d14	20.77	244	910965	86.15	ng	0.00

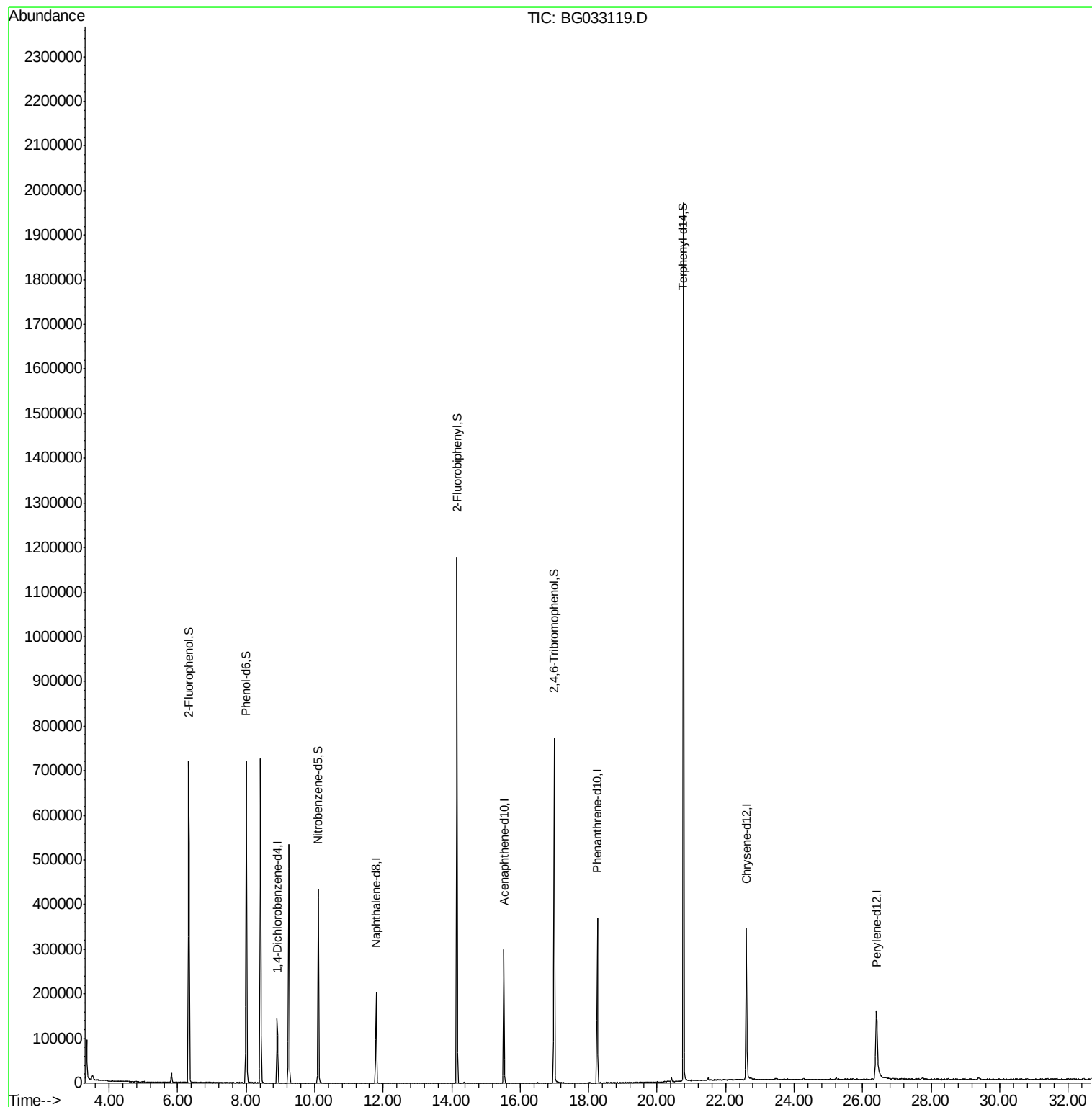
Target Compounds Qvalue

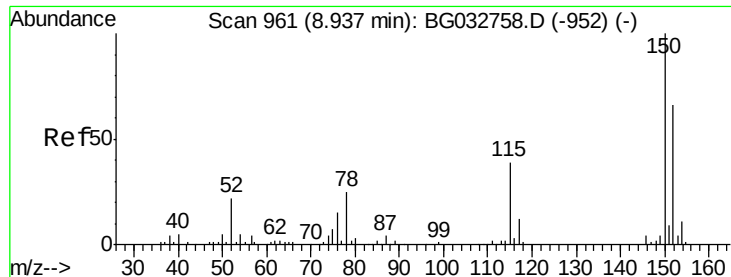
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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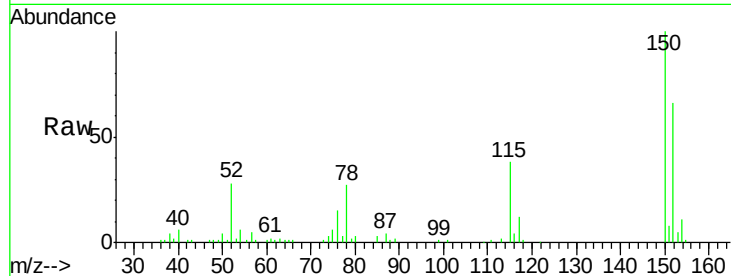


#1

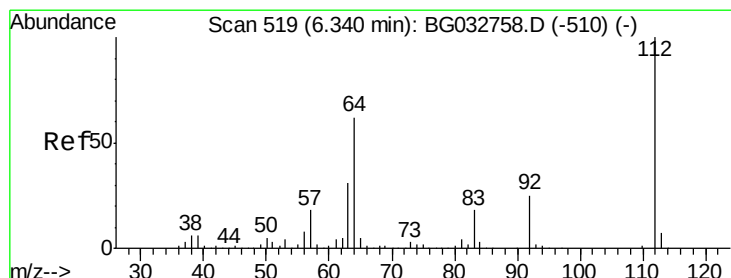
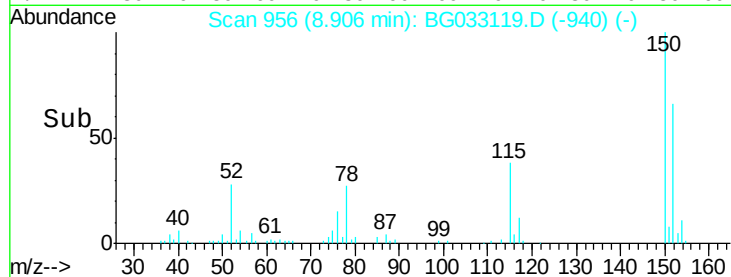
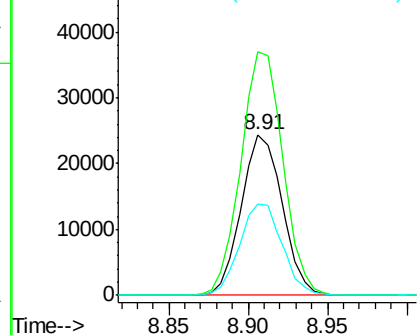
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 956
Delta R.T. -0.00 min
Lab File: BG033119.D
Acq: 13 Mar 2018 14:37

Instrument :
BNA_G
ClientSampleId :
PB107235BL

Tot Ion:152 Resp: 43845
Ion Ratio Lower Upper
152 100
150 151.6 126.6 189.8
115 57.0 53.0 79.4



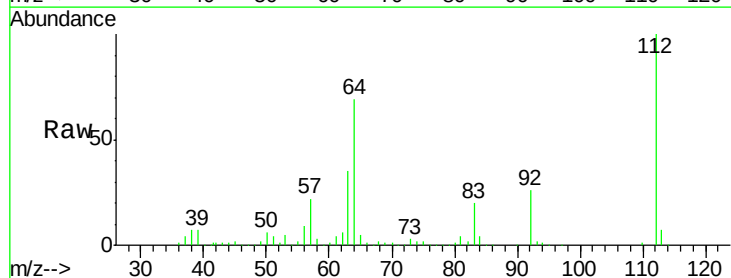
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



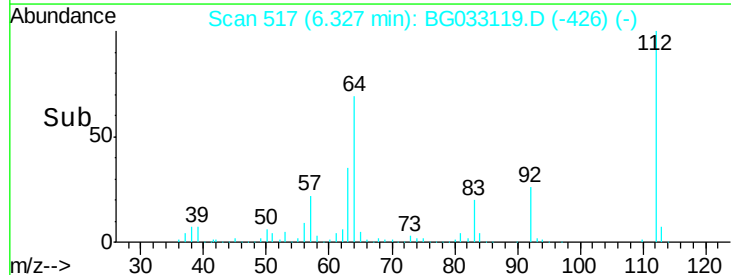
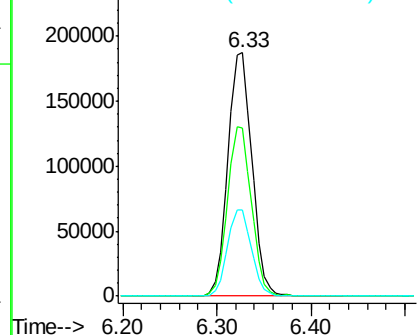
#5

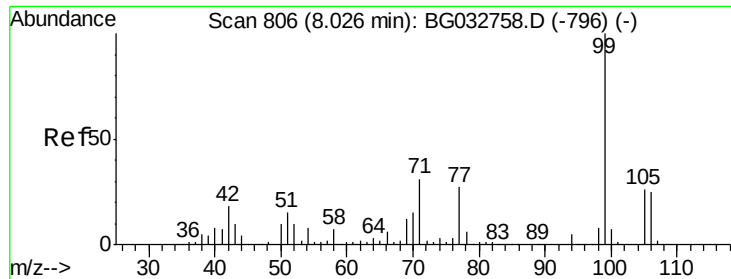
2-Fluorophenol
Concen: 121.882 ng
RT: 6.33 min Scan# 517
Delta R.T. 0.00 min
Lab File: BG033119.D
Acq: 13 Mar 2018 14:37

Tgt Ion:112 Resp: 334025
Ion Ratio Lower Upper
112 100
64 69.0 56.3 84.5
63 35.2 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: 113.712 ng

RT: 8.01 min Scan# 803

Delta R.T. 0.00 min

Lab File: BG033119.D

Acq: 13 Mar 2018 14:37

Instrument :

BNA_G

ClientSampleId :

PB107235BL

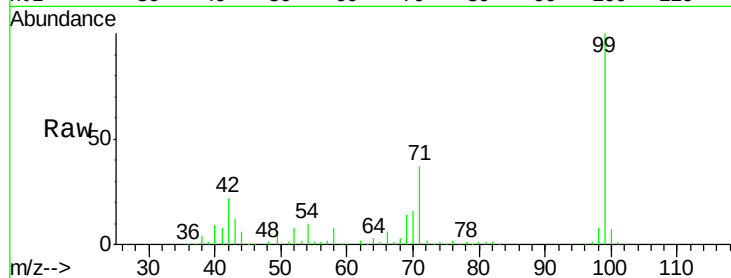
Tot Ion: 99 Resp: 434375

Ion Ratio Lower Upper

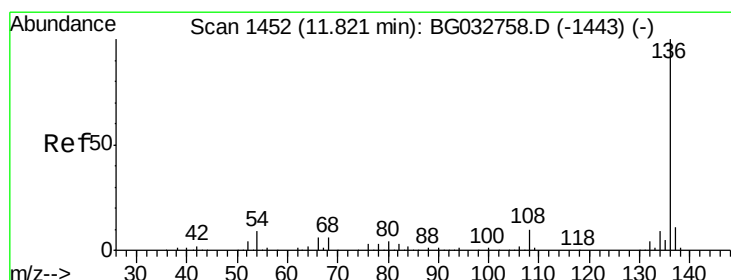
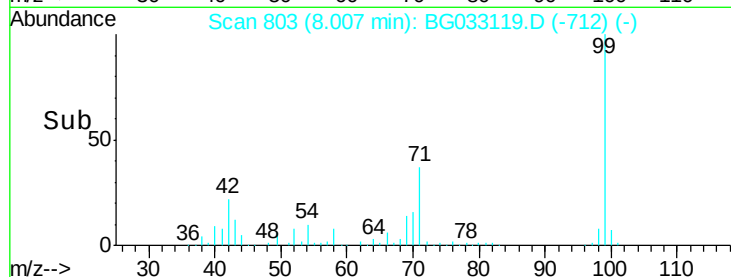
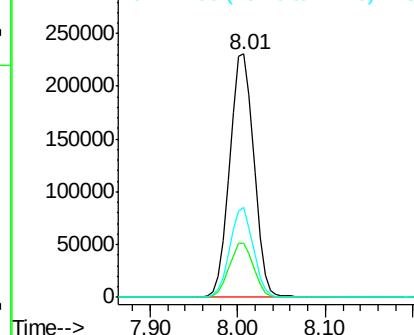
99 100

42 22.5 14.1 21.1#

71 37.0 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: 11.80 min Scan# 1448

Delta R.T. -0.00 min

Lab File: BG033119.D

Acq: 13 Mar 2018 14:37

Tgt Ion:136 Resp: 188714

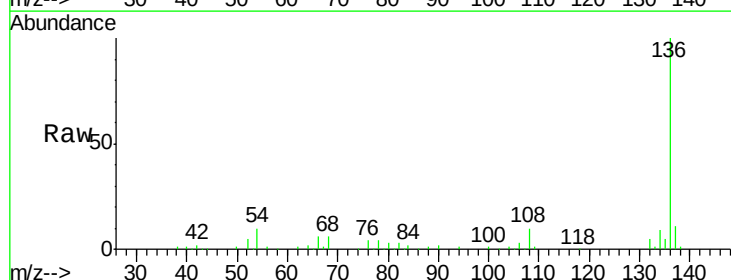
Ion Ratio Lower Upper

136 100

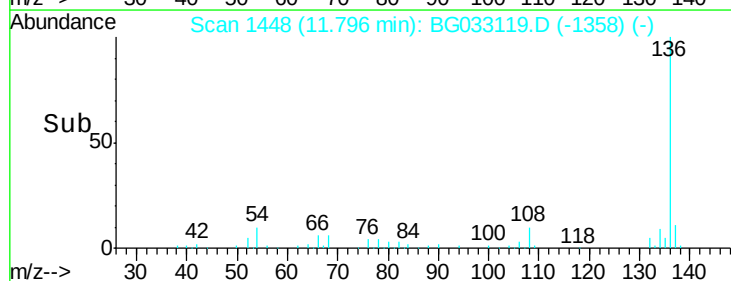
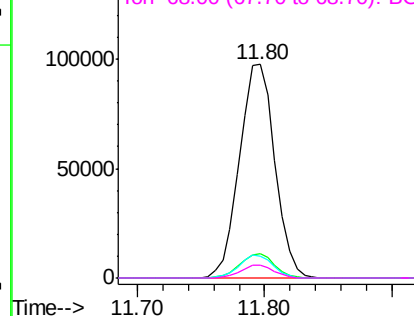
137 11.1 9.2 13.8

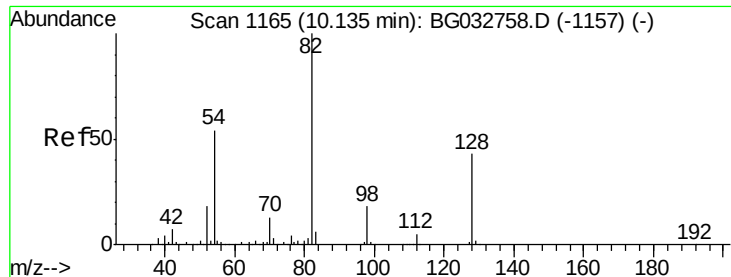
54 10.0 10.3 15.5#

68 5.9 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: 97.457 ng

RT: 10.10 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BG033119.D

Acq: 13 Mar 2018 14:37

Instrument :

BNA_G

ClientSampleId :

PB107235BL

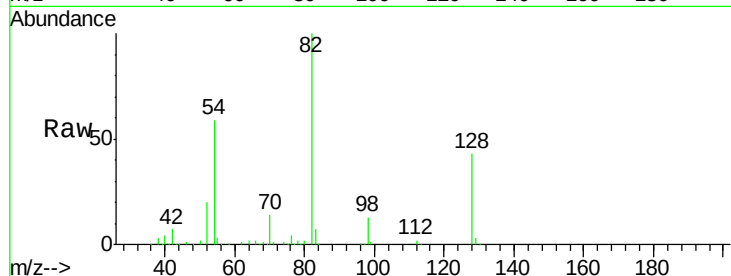
Tot Ion: 82 Resp: 269498

Ion Ratio Lower Upper

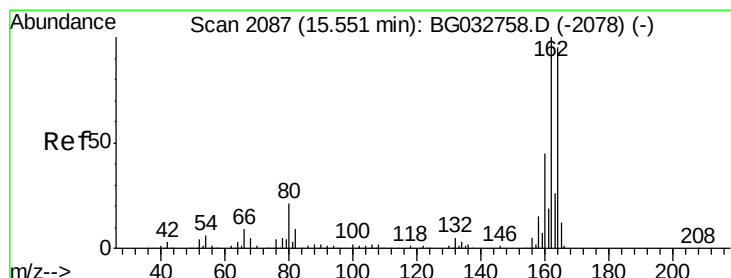
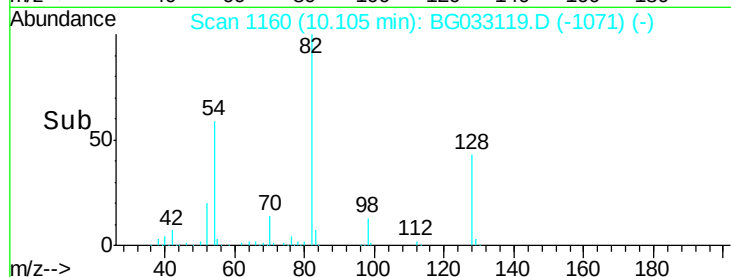
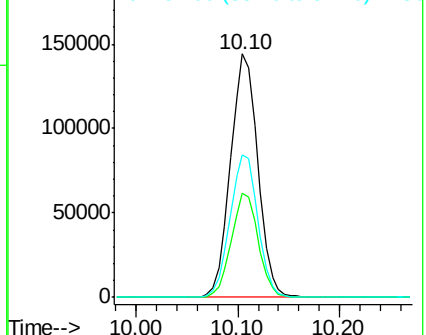
82 100

128 42.6 29.7 44.5

54 58.8 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: 15.52 min Scan# 2082

Delta R.T. -0.01 min

Lab File: BG033119.D

Acq: 13 Mar 2018 14:37

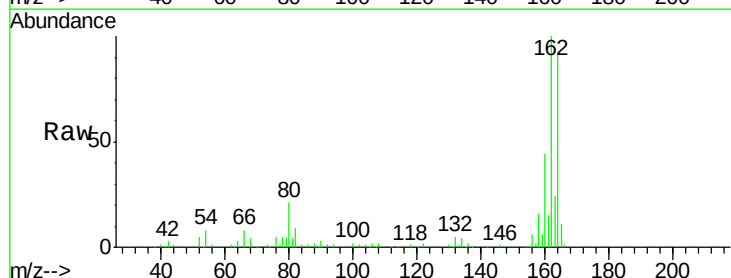
Tgt Ion:164 Resp: 102588

Ion Ratio Lower Upper

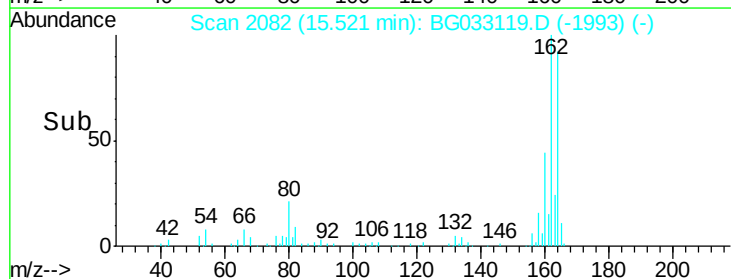
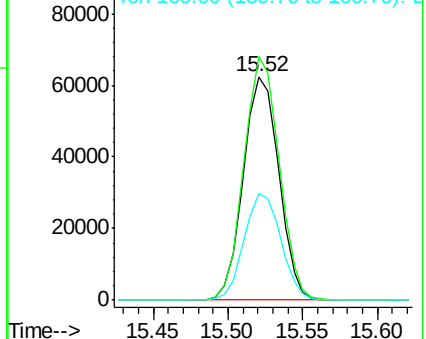
164 100

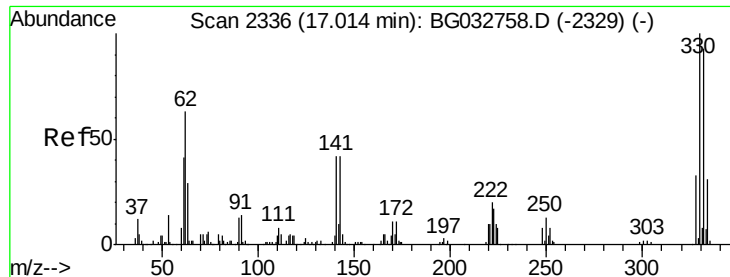
162 109.0 78.8 118.2

160 47.7 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

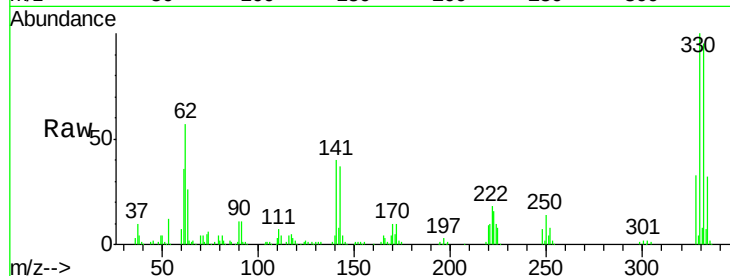




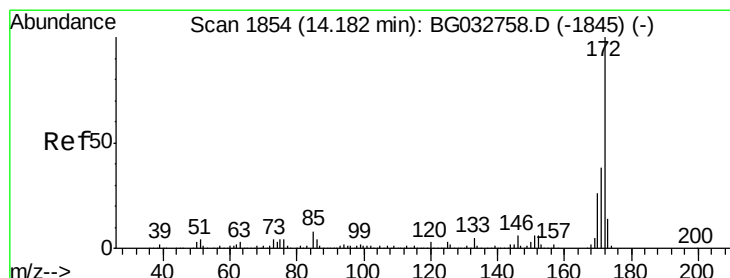
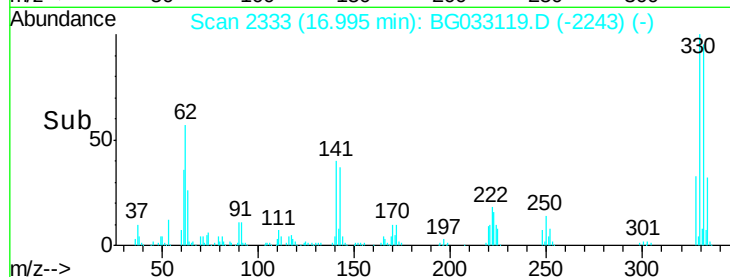
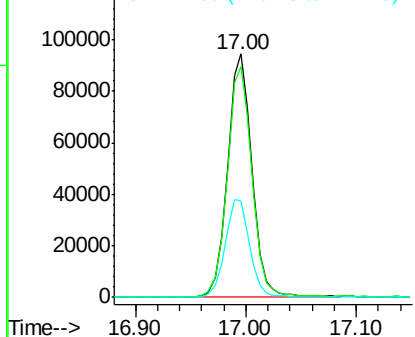
#41
 2,4,6-Tribromophenol
 Concen: 135.544 ng
 RT: 17.00 min Scan# 2333
 Delta R.T. -0.00 min
 Lab File: BG033119.D
 Acq: 13 Mar 2018 14:37

Instrument :
 BNA_G
 ClientSampleId :
 PB107235BL

Tot Ion:330 Resp: 146208
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 40.5 25.2 37.8#

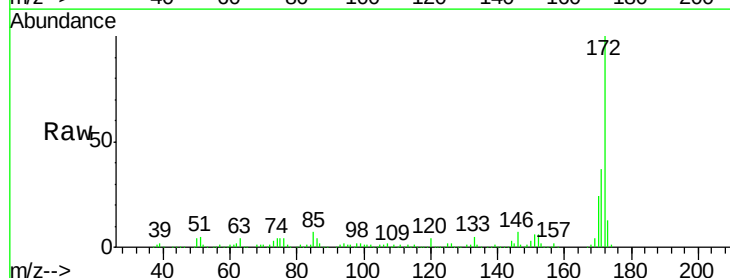


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

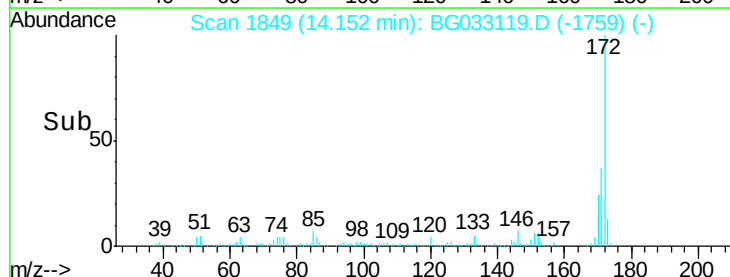
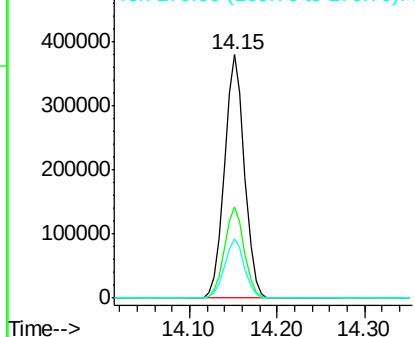


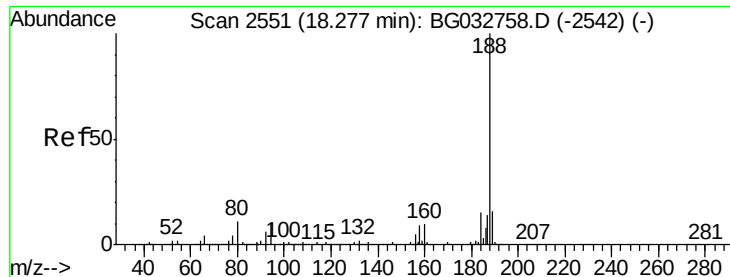
#44
 2-Fluorobiphenyl
 Concen: 82.334 ng
 RT: 14.15 min Scan# 1849
 Delta R.T. -0.00 min
 Lab File: BG033119.D
 Acq: 13 Mar 2018 14:37

Tgt Ion:172 Resp: 585644
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.0 45.0
 170 24.5 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

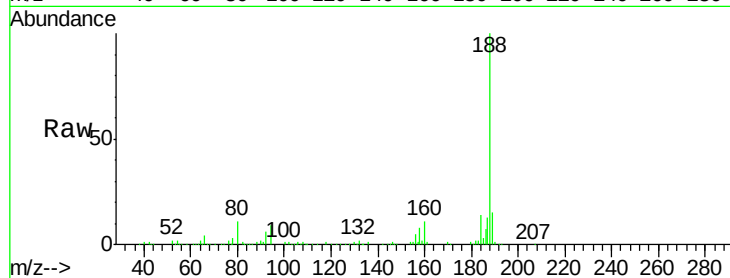




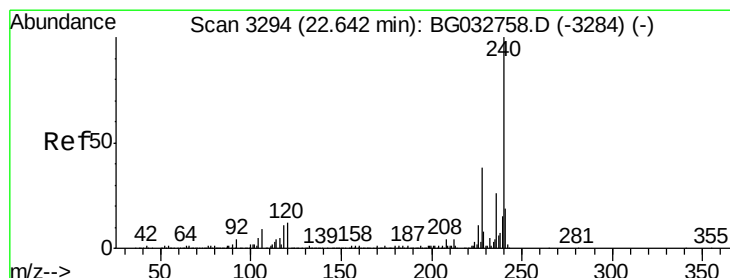
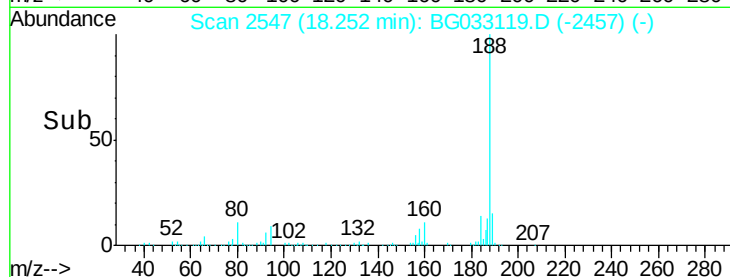
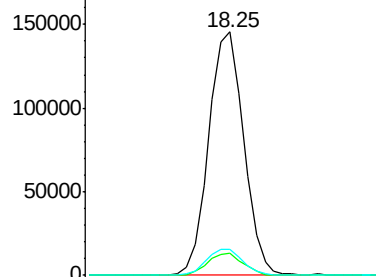
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.25 min Scan# 2547
Delta R.T. -0.00 min
Lab File: BG033119.D
Acq: 13 Mar 2018 14:37

Instrument :
BNA_G
ClientSampleId :
PB107235BL

Tot Ion:188 Resp: 238150
Ion Ratio Lower Upper
188 100
94 9.1 6.9 10.3
80 10.9 7.7 11.5

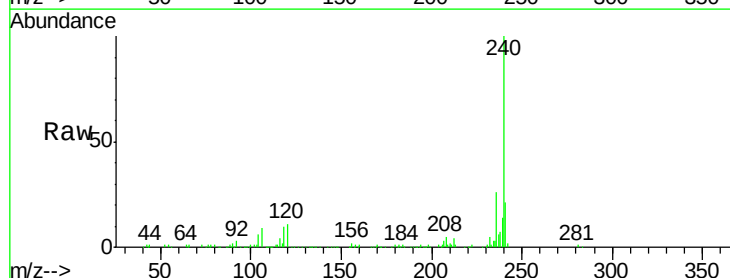


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

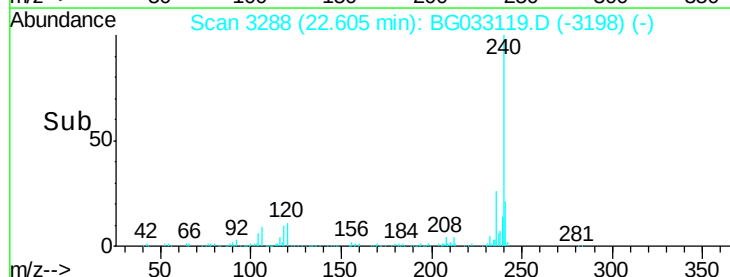
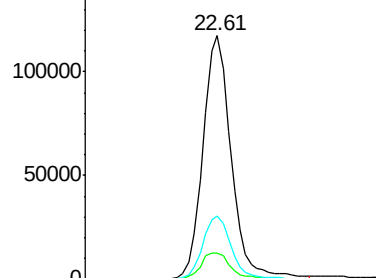


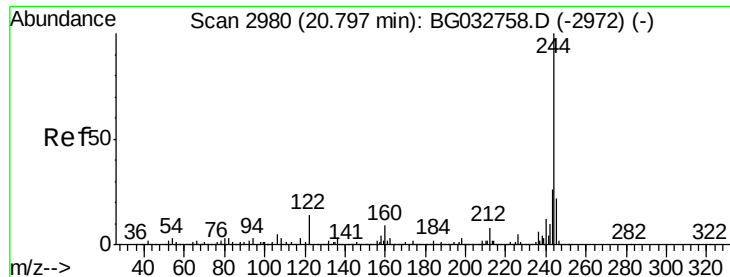
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.61 min Scan# 3288
Delta R.T. -0.00 min
Lab File: BG033119.D
Acq: 13 Mar 2018 14:37

Tgt Ion:240 Resp: 237568
Ion Ratio Lower Upper
240 100
120 10.9 6.8 10.2#
236 25.9 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: 86.152 ng

RT: 20.77 min Scan# 2975

Delta R.T. -0.00 min

Lab File: BG033119.D

Acq: 13 Mar 2018 14:37

Instrument :

BNA_G

ClientSampleId :

PB107235BL

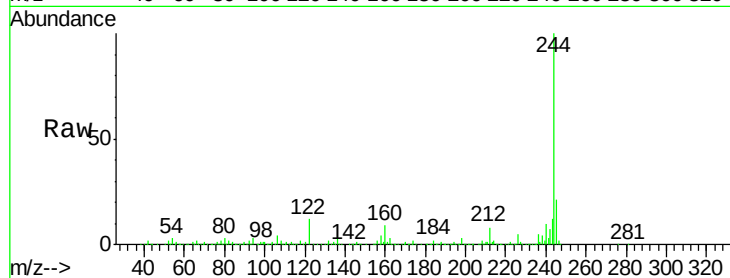
Tot Ion:244 Resp: 910965

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

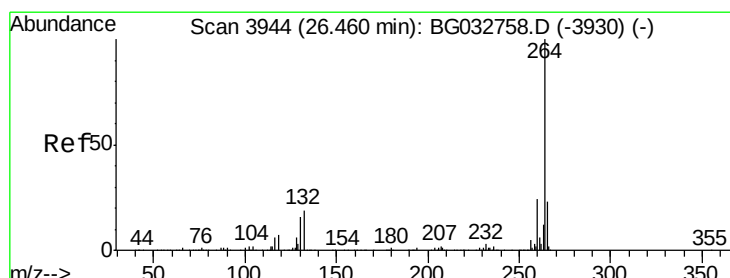
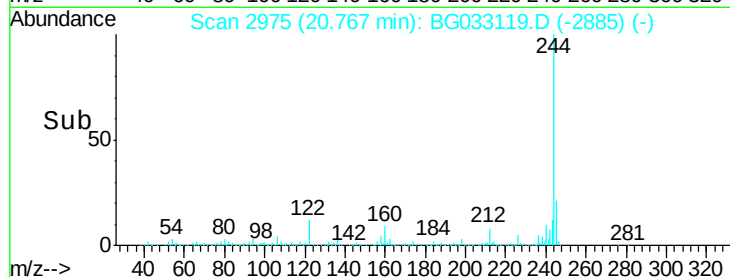
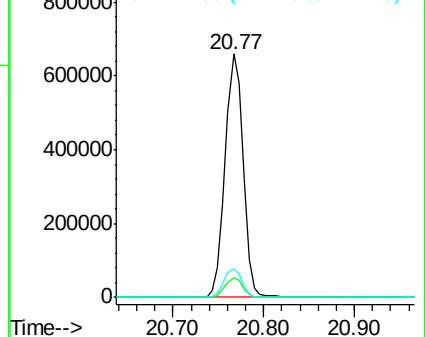
122 11.9 7.0 10.4



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: BG033119.D

Acq: 13 Mar 2018 14:37

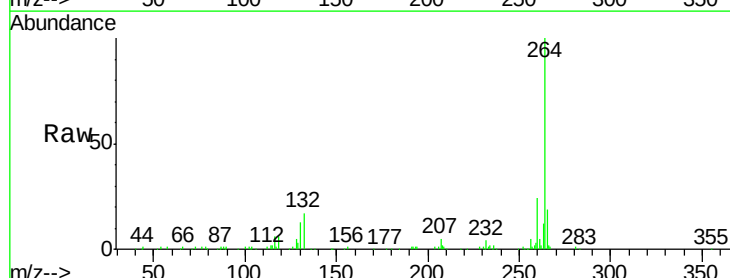
Tgt Ion:264 Resp: 224553

Ion Ratio Lower Upper

264 100

260 23.6 17.4 26.0

265 19.4 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

