

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030218\
 Data File : BG032959.D
 Acq On : 2 Mar 2018 23:32
 Operator : SJ/JU
 Sample : PB107014BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB107014BL

Quant Time: Mar 03 00:18:03 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 01 17:38:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	60119	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	259715	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	148486	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	347528	20.00	ng	0.00
75) Chrysene-d12	22.62	240	327117	20.00	ng	0.00
86) Perylene-d12	26.42	264	309808	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	370718	98.65	ng	0.00
7) Phenol-d6	8.01	99	490765	93.70	ng	0.00
23) Nitrobenzene-d5	10.11	82	413847	107.60	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	147436	94.43	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	918847	89.25	ng	0.00
78) Terphenyl-d14	20.78	244	1288110	88.47	ng	0.00

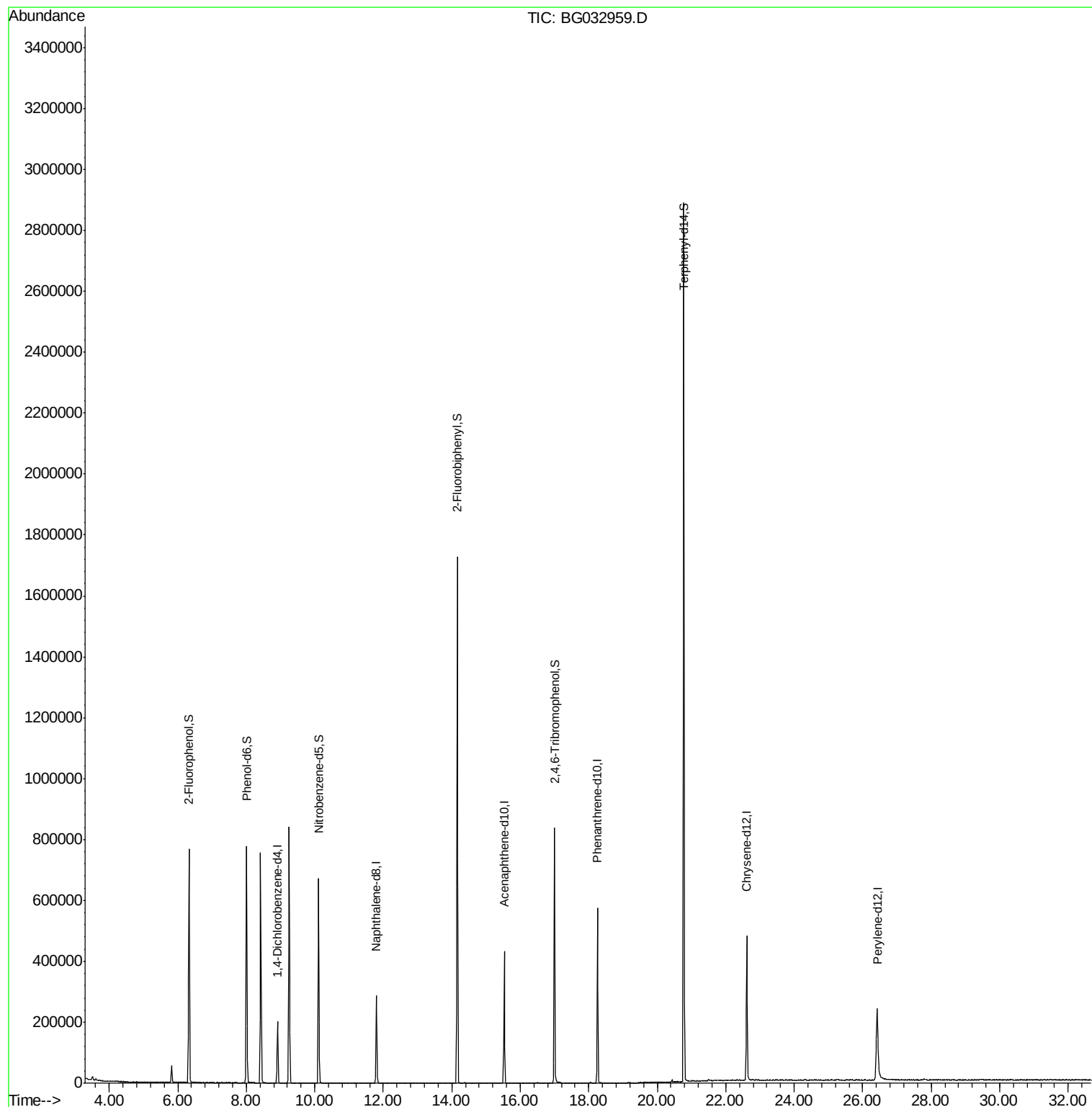
Target Compounds Qvalue

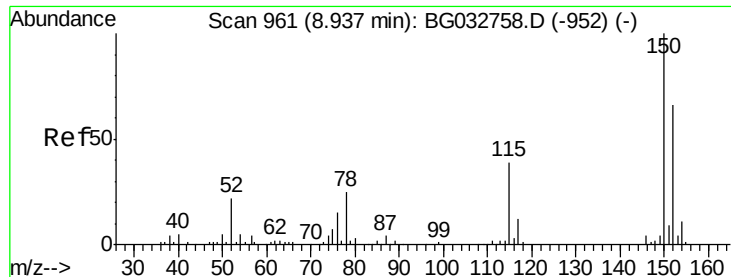
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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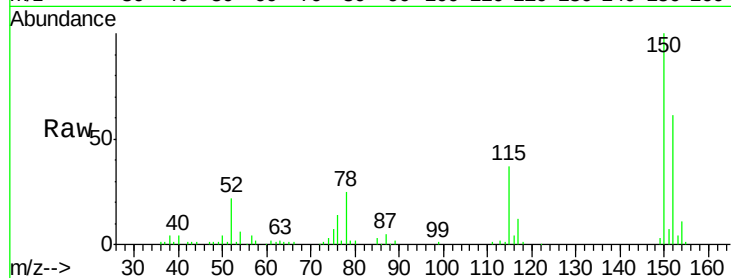


#1

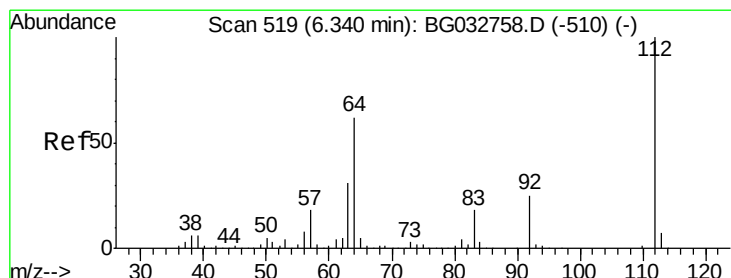
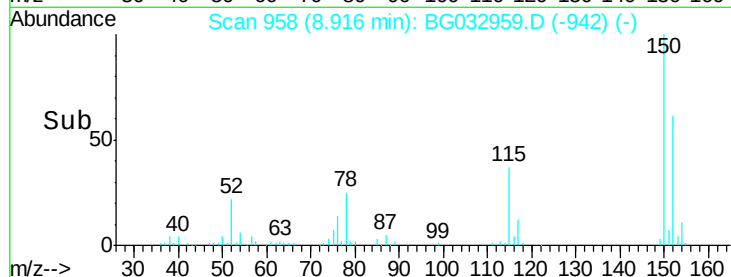
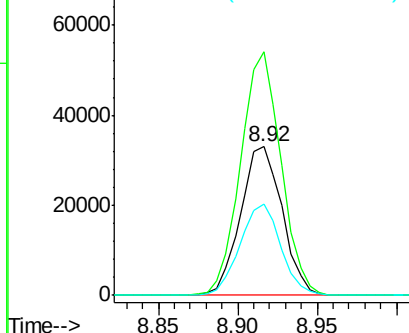
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 958
Delta R.T. -0.00 min
Lab File: BG032959.D
Acq: 2 Mar 2018 23:32

Instrument :
BNA_G
ClientSampleId :
PB107014BL

Tot Ion:152 Resp: 60119
Ion Ratio Lower Upper
152 100
150 164.0 126.6 189.8
115 61.3 53.0 79.4



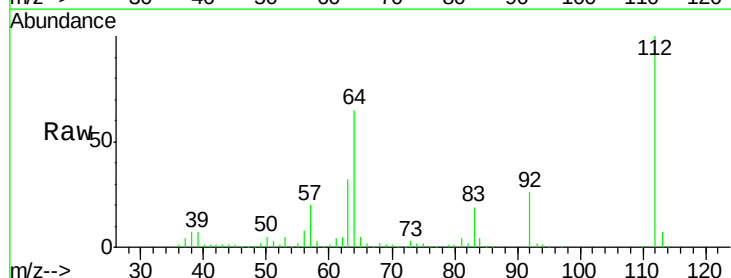
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



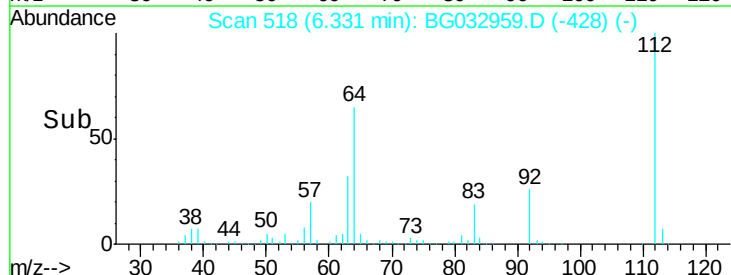
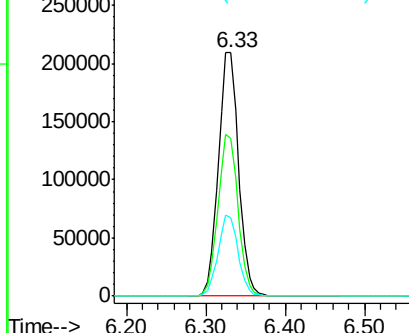
#5

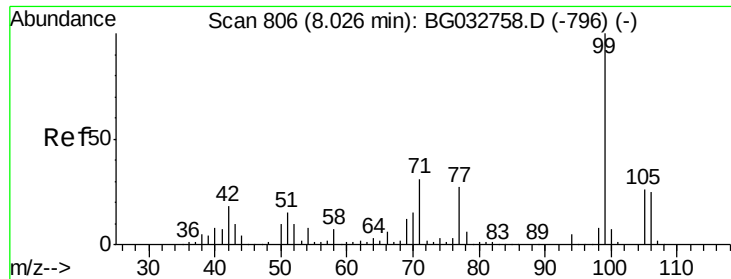
2-Fluorophenol
Concen: 98.653 ng
RT: 6.33 min Scan# 518
Delta R.T. 0.00 min
Lab File: BG032959.D
Acq: 2 Mar 2018 23:32

Tgt Ion:112 Resp: 370718
Ion Ratio Lower Upper
112 100
64 65.0 56.3 84.5
63 32.2 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: 93.696 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.00 min

Lab File: BG032959.D

Acq: 2 Mar 2018 23:32

Instrument :

BNA_G

ClientSampleId :

PB107014BL

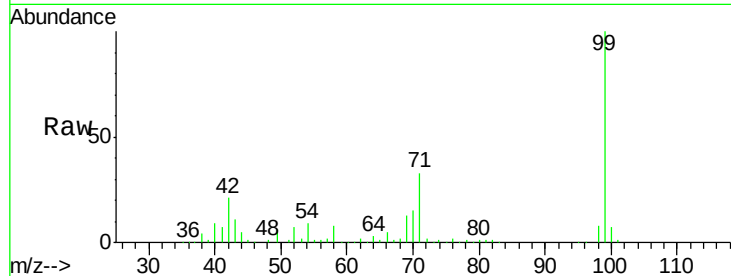
Tot Ion: 99 Resp: 490765

Ion Ratio Lower Upper

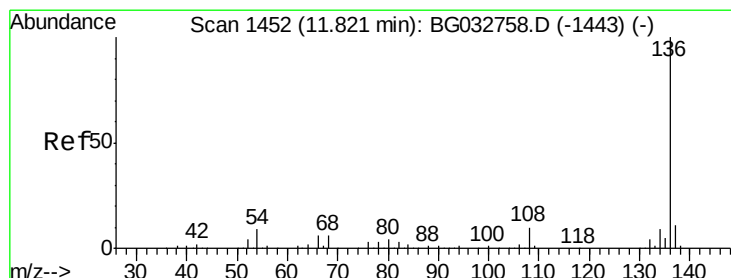
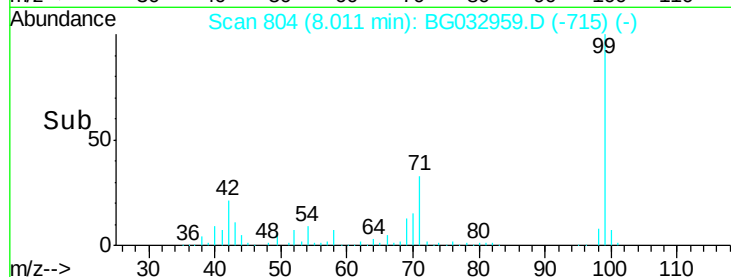
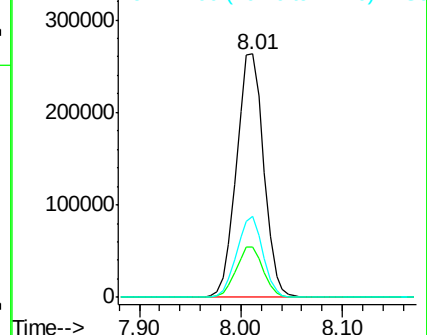
99 100

42 20.9 14.1 21.1

71 33.1 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: 11.80 min Scan# 1449

Delta R.T. -0.00 min

Lab File: BG032959.D

Acq: 2 Mar 2018 23:32

Tgt Ion: 136 Resp: 259715

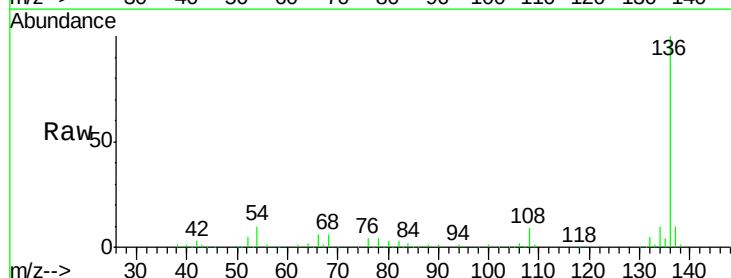
Ion Ratio Lower Upper

136 100

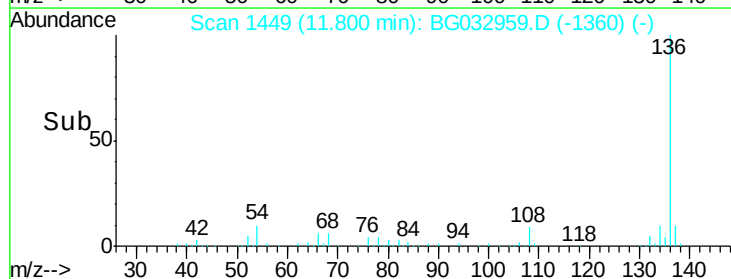
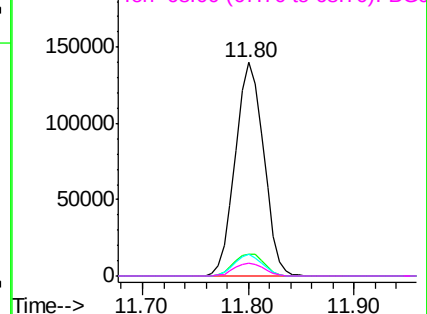
137 10.5 9.2 13.8

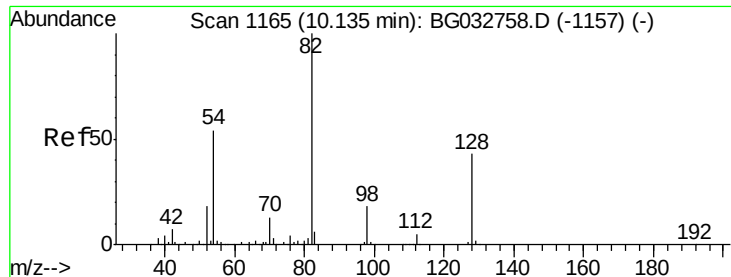
54 10.0 10.3 15.5#

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

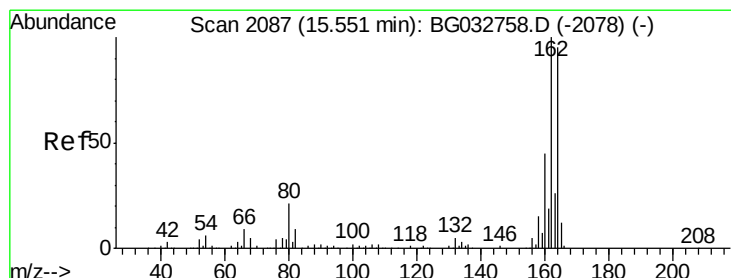
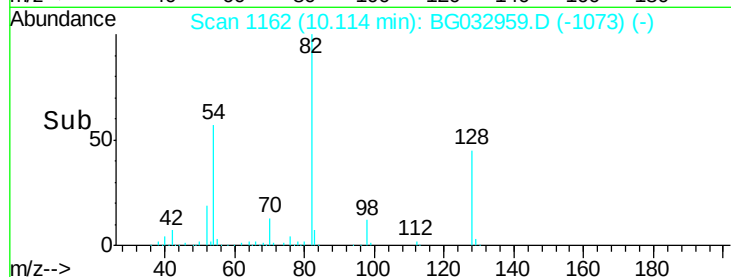
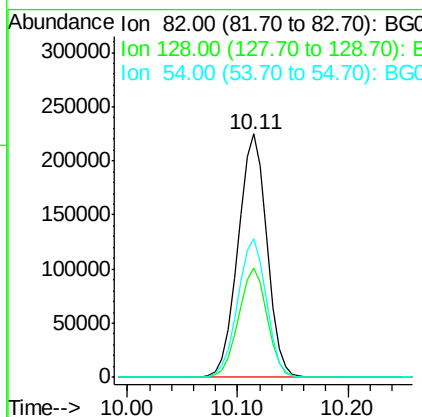
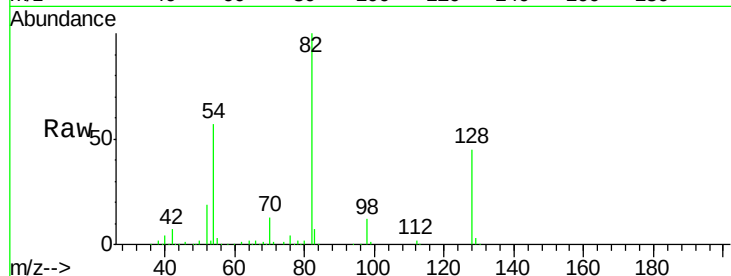




#23
 Nitrobenzene-d5
 Concen: 107.596 ng
 RT: 10.11 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: BG032959.D
 Acq: 2 Mar 2018 23:32

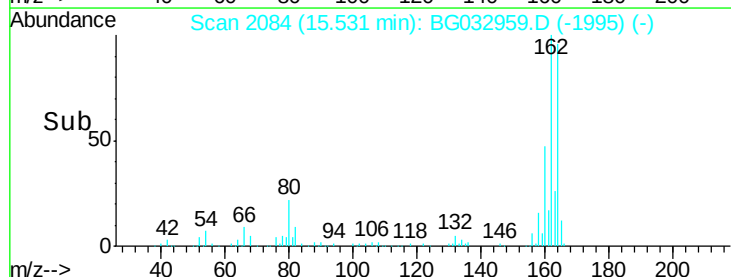
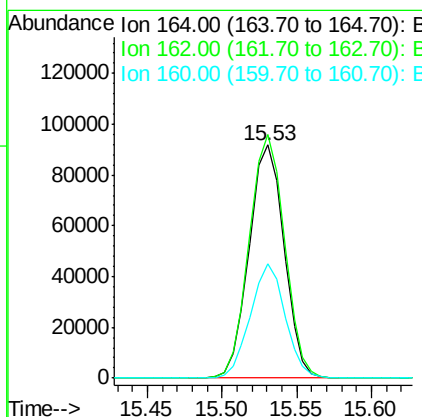
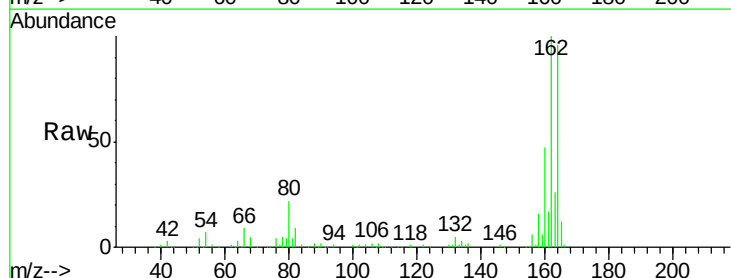
Instrument :
 BNA_G
 ClientSampleId :
 PB107014BL

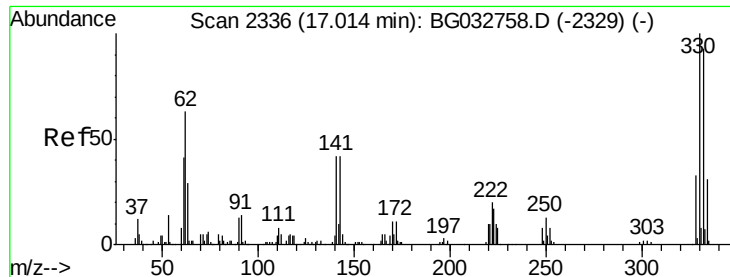
Tot Ion: 82 Resp: 413847
 Ion Ratio Lower Upper
 82 100
 128 45.1 29.7 44.5#
 54 56.7 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.53 min Scan# 2084
 Delta R.T. -0.00 min
 Lab File: BG032959.D
 Acq: 2 Mar 2018 23:32

Tgt Ion:164 Resp: 148486
 Ion Ratio Lower Upper
 164 100
 162 104.5 78.8 118.2
 160 48.8 35.4 53.0

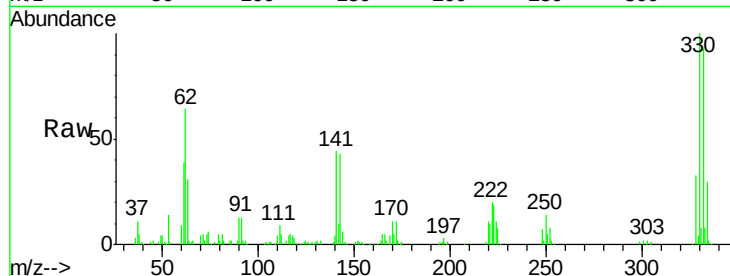




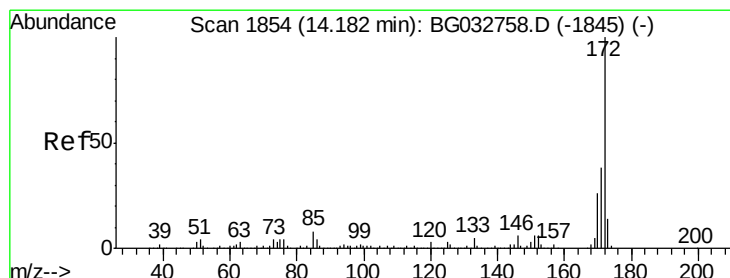
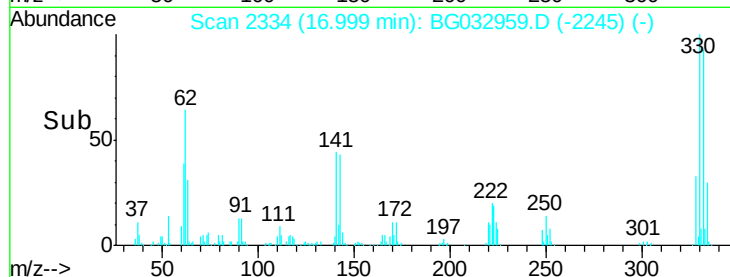
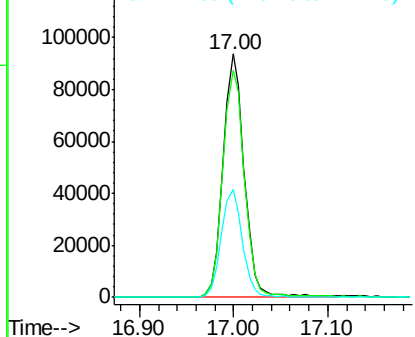
#41
 2,4,6-Tribromophenol
 Concen: 94.433 ng
 RT: 17.00 min Scan# 2334
 Delta R.T. -0.00 min
 Lab File: BG032959.D
 Acq: 2 Mar 2018 23:32

Instrument :
 BNA_G
 ClientSampleId :
 PB107014BL

Tot Ion:330 Resp: 147436
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 44.6 25.2 37.8#

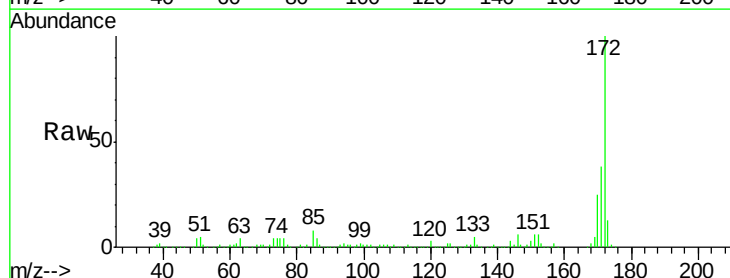


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

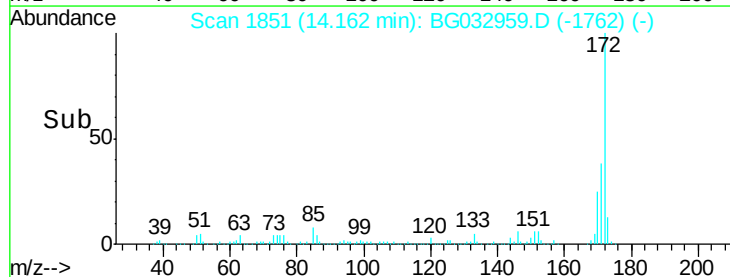
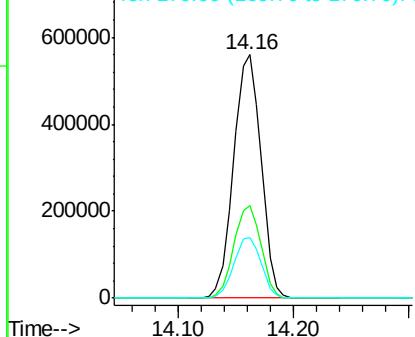


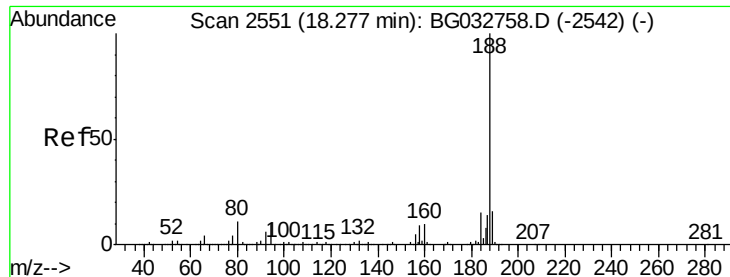
#44
 2-Fluorobiphenyl
 Concen: 89.248 ng
 RT: 14.16 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: BG032959.D
 Acq: 2 Mar 2018 23:32

Tgt Ion:172 Resp: 918847
 Ion Ratio Lower Upper
 172 100
 171 37.8 30.0 45.0
 170 25.1 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: 18.26 min Scan# 2548

Delta R.T. -0.00 min

Lab File: BG032959.D

Acq: 2 Mar 2018 23:32

Instrument :

BNA_G

ClientSampleId :

PB107014BL

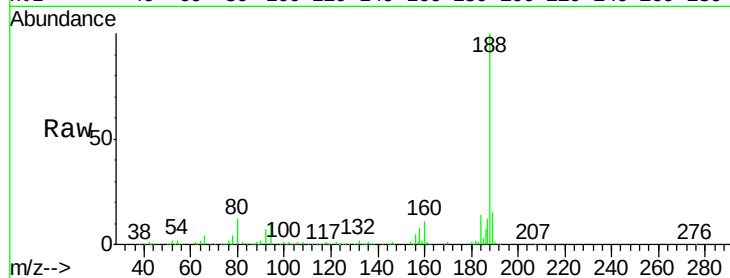
Tot Ion:188 Resp: 347528

Ion Ratio Lower Upper

188 100

94 10.2 6.9 10.3

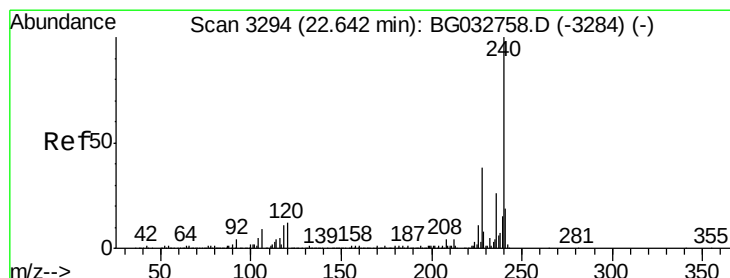
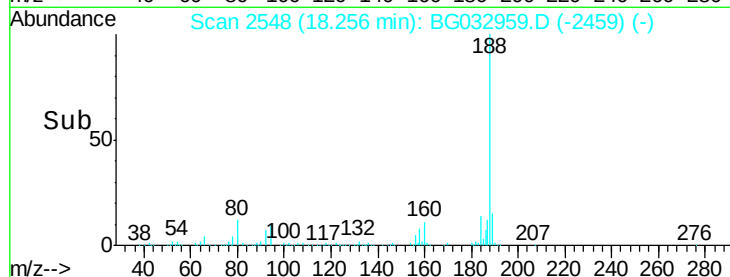
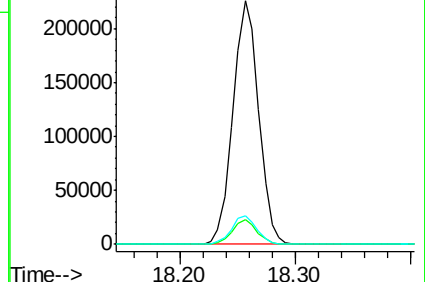
80 11.7 7.7 11.5#



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: 22.62 min Scan# 3290

Delta R.T. -0.00 min

Lab File: BG032959.D

Acq: 2 Mar 2018 23:32

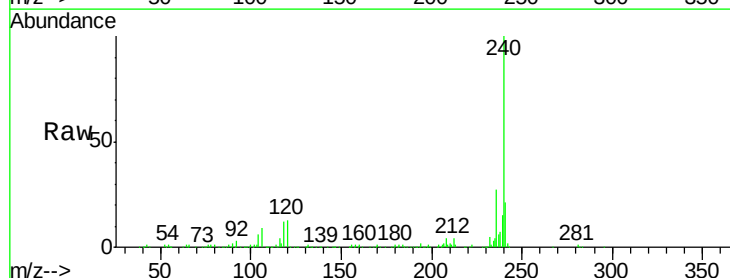
Tgt Ion:240 Resp: 327117

Ion Ratio Lower Upper

240 100

120 12.8 6.8 10.2#

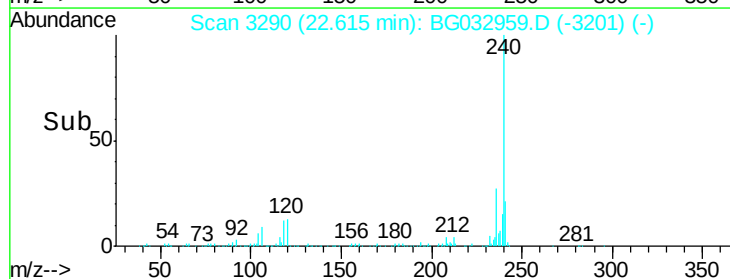
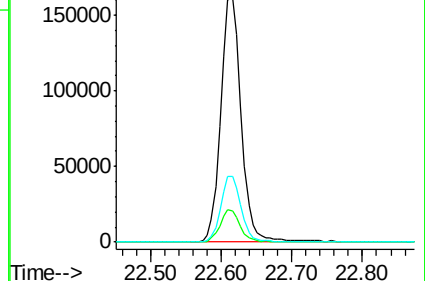
236 27.1 20.9 31.3

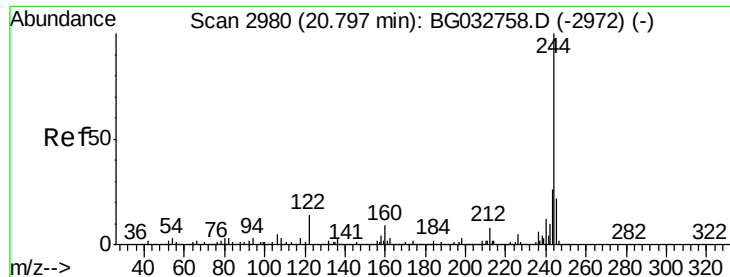


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 88.471 ng

RT: 20.78 min Scan# 2977

Delta R.T. 0.00 min

Lab File: BG032959.D

Acq: 2 Mar 2018 23:32

Instrument :

BNA_G

ClientSampleId :

PB107014BL

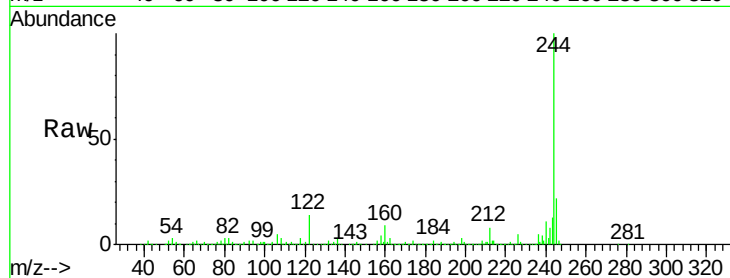
Tot Ion:244 Resp: 1288110

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

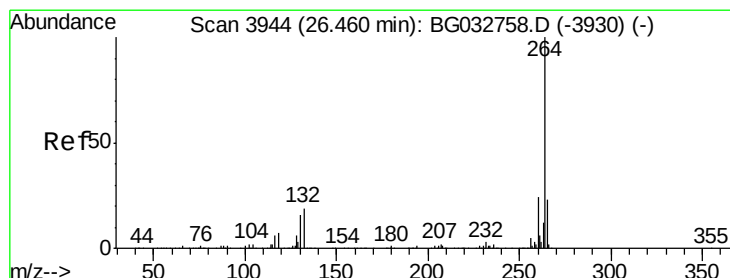
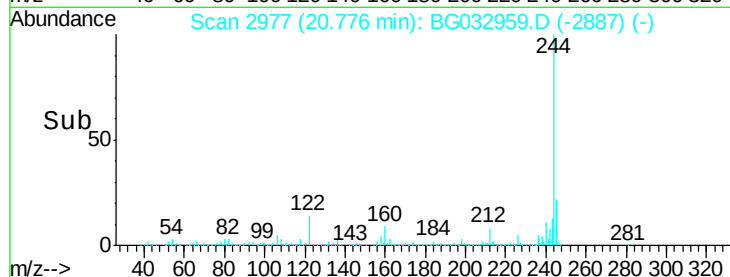
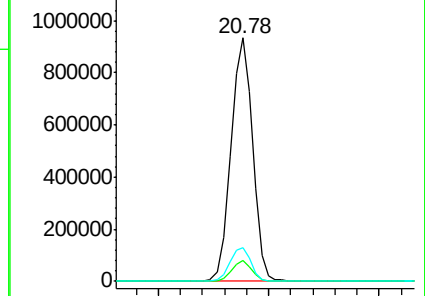
122 14.0 7.0 10.4



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# 3938

Delta R.T. -0.00 min

Lab File: BG032959.D

Acq: 2 Mar 2018 23:32

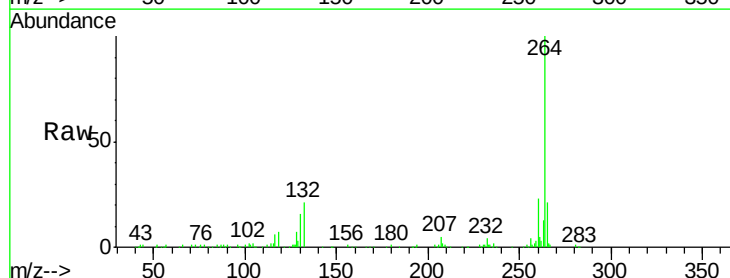
Tgt Ion:264 Resp: 309808

Ion Ratio Lower Upper

264 100

260 23.0 17.4 26.0

265 21.2 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

