

Data Path : U:\HPCHEM1\BNA G\DATA\BG012618\
 Data File : BG032344.D
 Acq On : 27 Jan 2018 1:00
 Operator : SJ/JU
 Sample : PB105951BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB105951BL

Quant Time: Jan 27 03:13:24 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 24 14:02:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	34857	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	136102	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	94662	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	257366	20.00	ng	0.00
75) Chrysene-d12	22.41	240	359444	20.00	ng	-0.01
86) Perylene-d12	26.09	264	374810	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	230064	120.71	ng	0.00
7) Phenol-d6	7.83	99	277151	115.46	ng	0.00
23) Nitrobenzene-d5	9.91	82	175598	87.29	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	211413	134.96	ng	0.00
44) 2-Fluorobiphenyl	13.98	172	640531	83.90	ng	0.00
78) Terphenyl-d14	20.63	244	1360126	83.55	ng	0.00

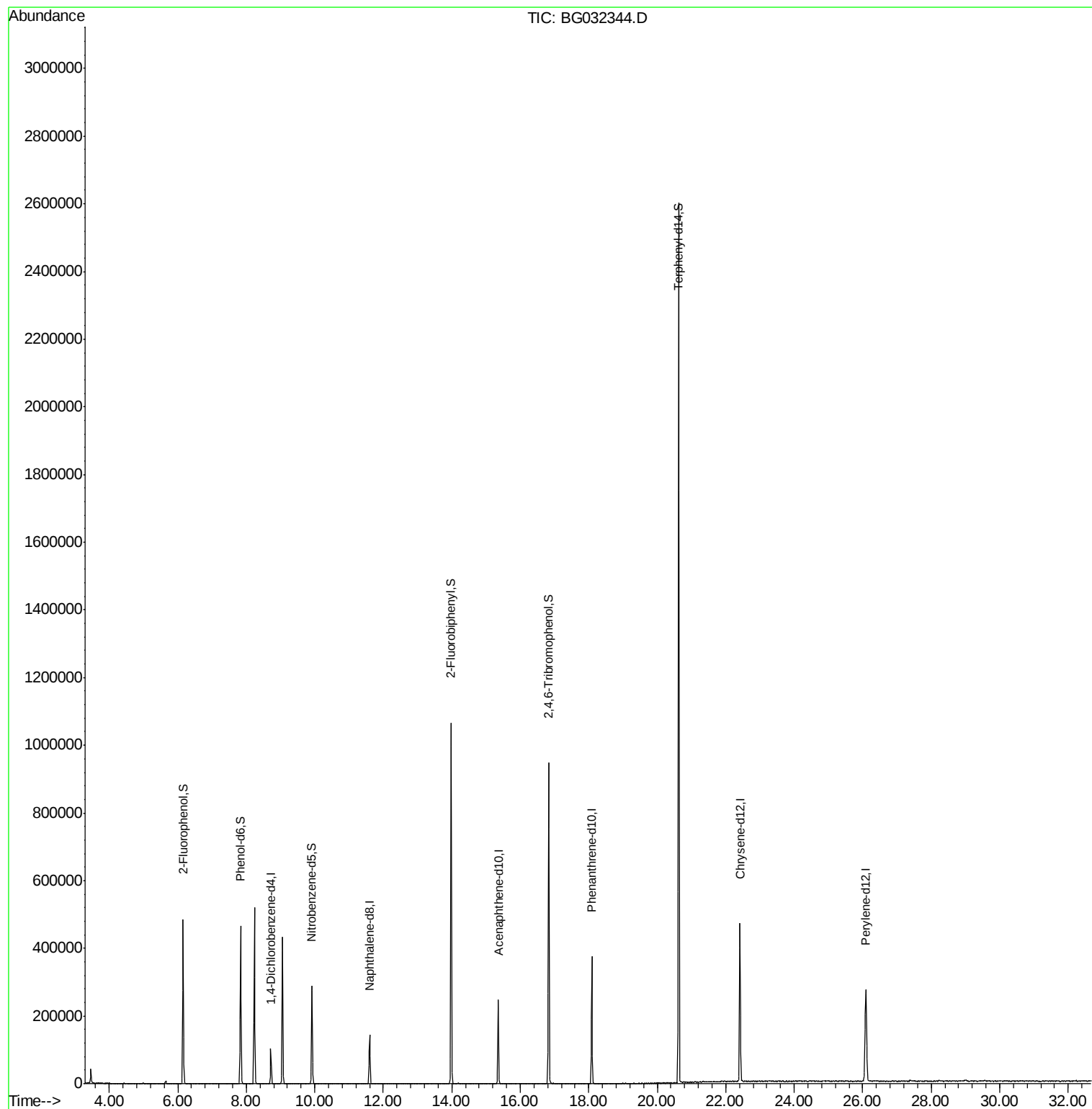
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.72 min Scan# 924

Delta R.T. -0.01 min

Lab File: BG032344.D

Acq: 27 Jan 2018 1:00

Instrument :

BNA_G

ClientSampleId :

PB105951BL

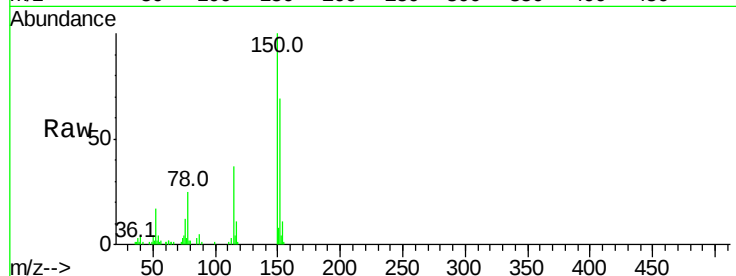
Tot Ion:152 Resp: 34857

Ion Ratio Lower Upper

152 100

150 145.0 126.6 189.8

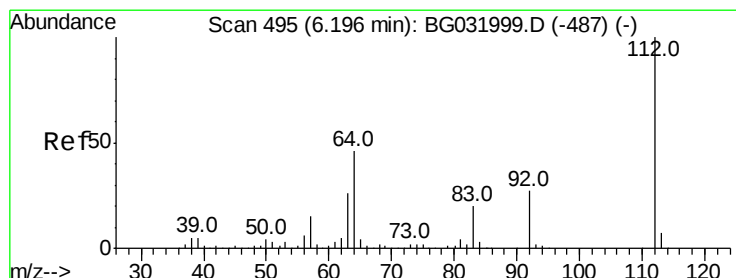
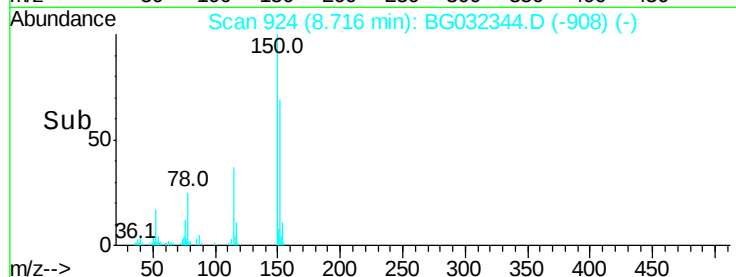
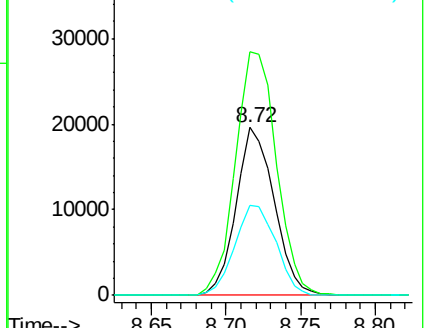
115 53.4 53.0 79.4



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: 120.714 ng

RT: 6.15 min Scan# 488

Delta R.T. -0.00 min

Lab File: BG032344.D

Acq: 27 Jan 2018 1:00

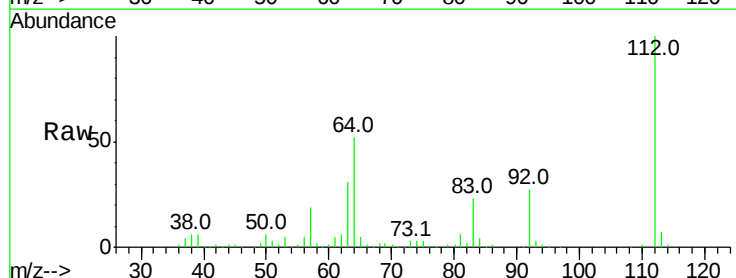
Tgt Ion:112 Resp: 230064

Ion Ratio Lower Upper

112 100

64 51.9 56.3 84.5#

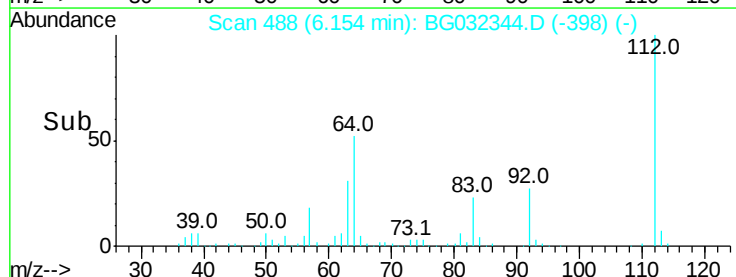
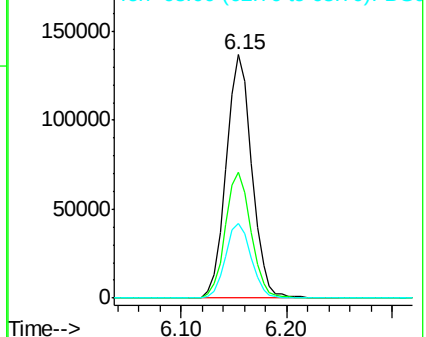
63 30.8 30.1 45.1

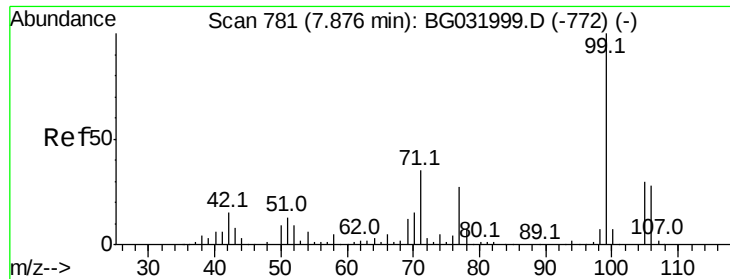


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 115.464 ng

RT: 7.83 min Scan# 774

Delta R.T. -0.00 min

Lab File: BG032344.D

Acq: 27 Jan 2018 1:00

Instrument :

BNA_G

ClientSampleId :

PB105951BL

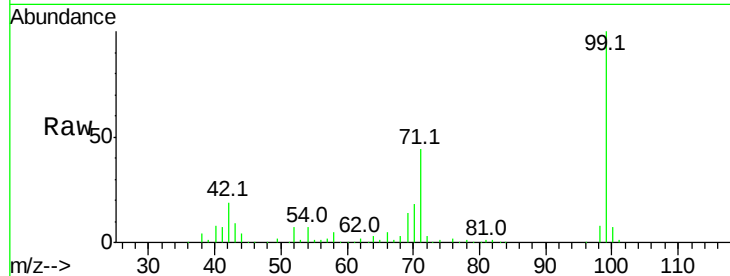
Tot Ion: 99 Resp: 277151

Ion Ratio Lower Upper

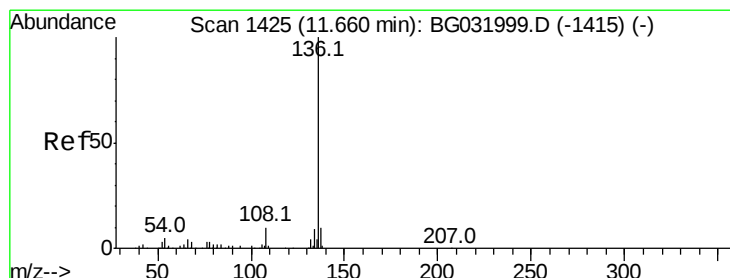
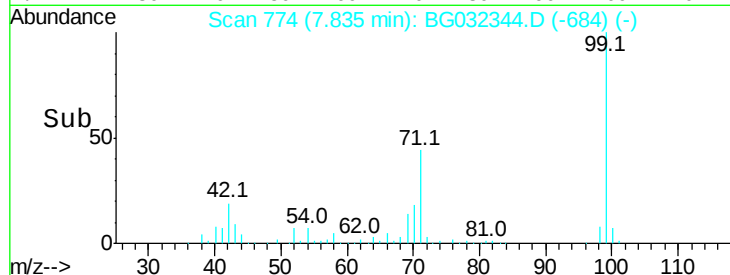
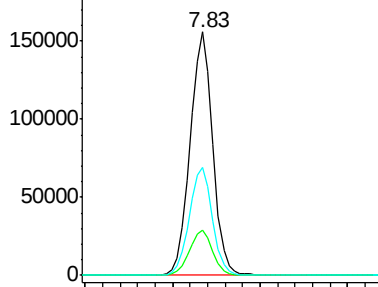
99 100

42 18.5 14.1 21.1

71 44.5 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: 11.60 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BG032344.D

Acq: 27 Jan 2018 1:00

Tgt Ion: 136 Resp: 136102

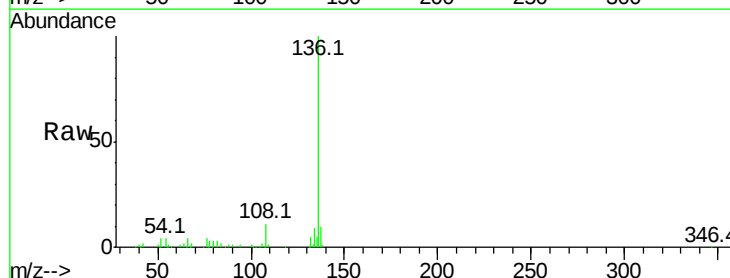
Ion Ratio Lower Upper

136 100

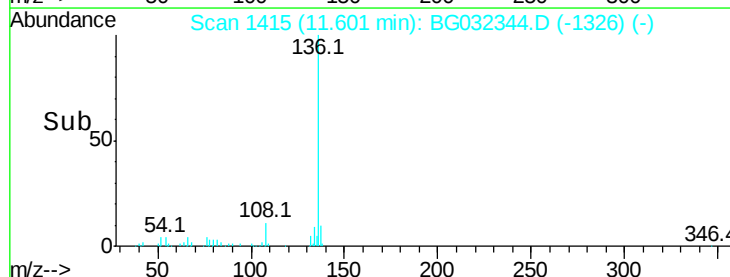
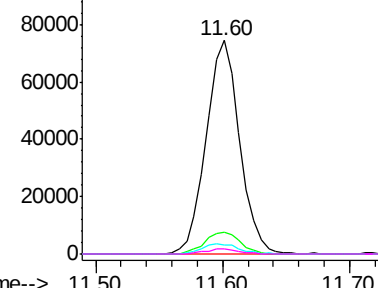
137 10.4 9.2 13.8

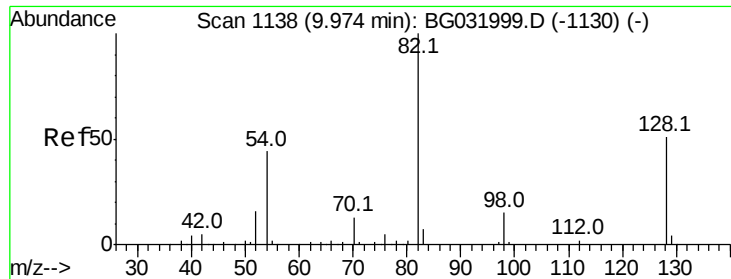
54 4.4 10.3 15.5#

68 2.5 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

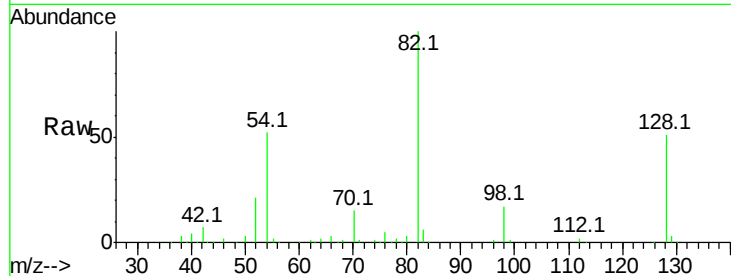




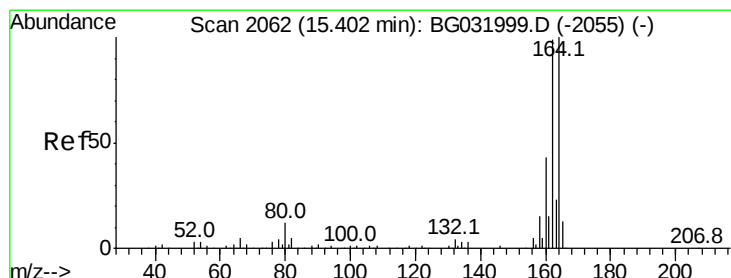
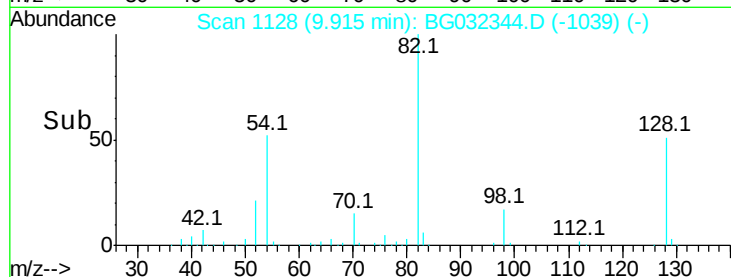
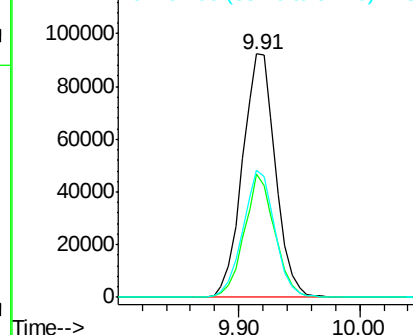
#23
Nitrobenzene-d5
Concen: 87.287 ng
RT: 9.91 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BG032344.D
Acq: 27 Jan 2018 1:00

Instrument :
BNA_G
ClientSampleId :
PB105951BL

Tot Ion: 82 Resp: 175598
Ion Ratio Lower Upper
82 100
128 50.9 29.7 44.5#
54 52.3 43.1 64.7

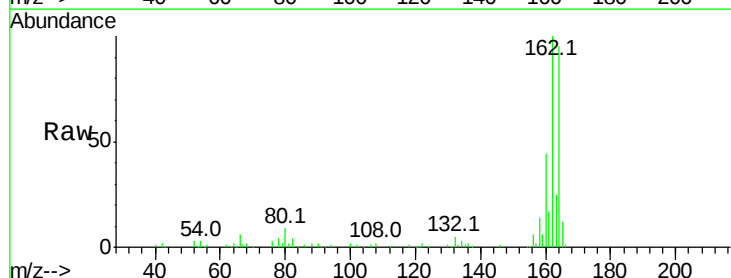


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

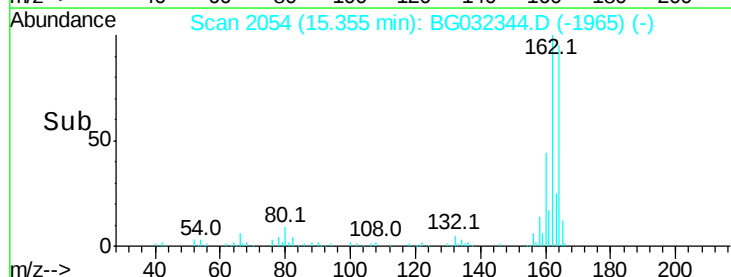
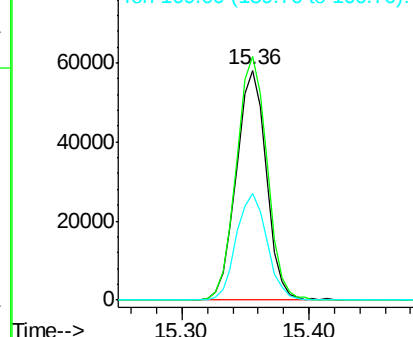


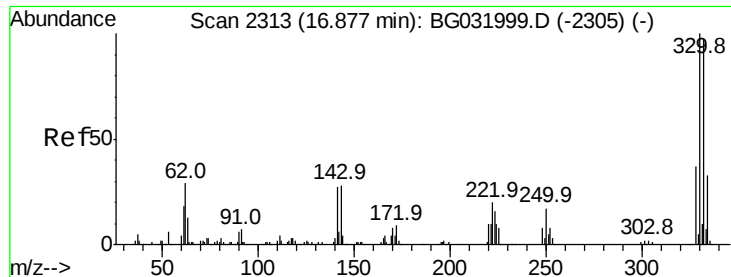
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.36 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BG032344.D
Acq: 27 Jan 2018 1:00

Tgt Ion:164 Resp: 94662
Ion Ratio Lower Upper
164 100
162 105.8 78.8 118.2
160 46.6 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

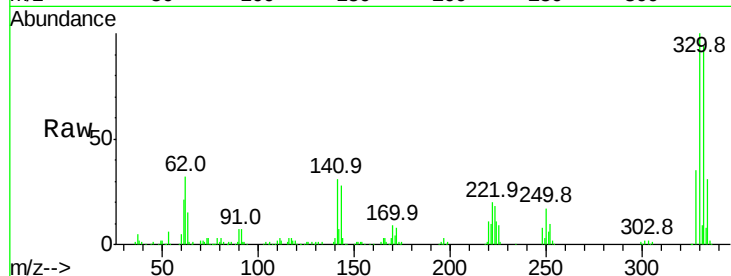




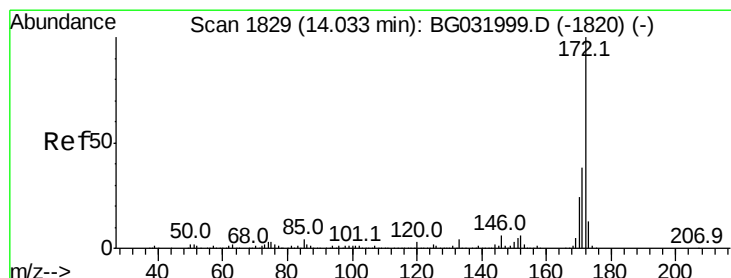
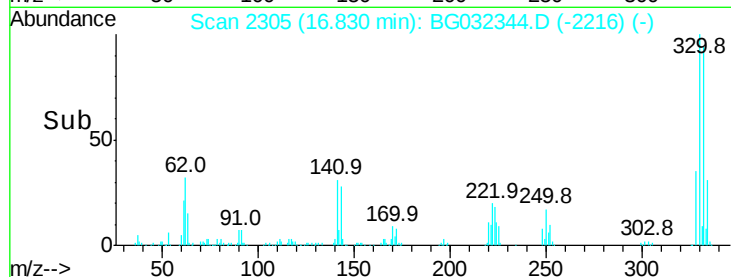
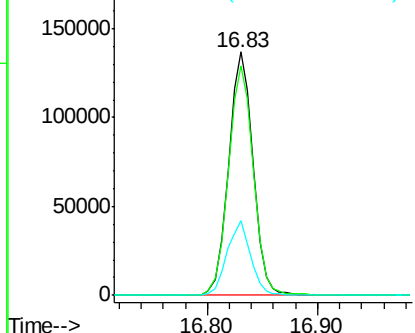
#41
 2,4,6-Tribromophenol
 Concen: 134.964 ng
 RT: 16.83 min Scan# 2305
 Delta R.T. -0.01 min
 Lab File: BG032344.D
 Acq: 27 Jan 2018 1:00

Instrument :
 BNA_G
 ClientSampleId :
 PB105951BL

Tot Ion:330 Resp: 211413
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 29.7 25.2 37.8

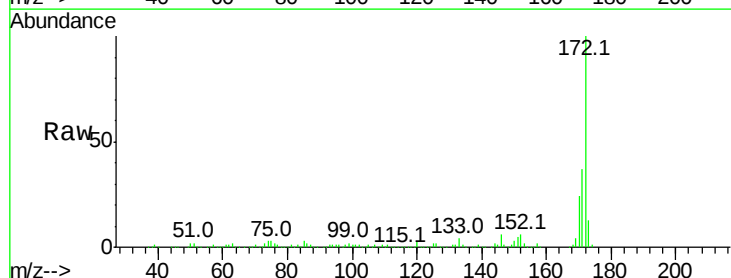


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

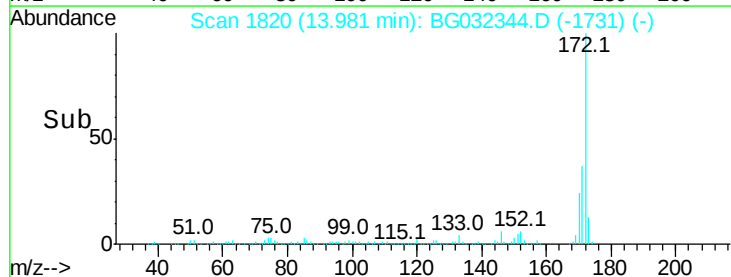
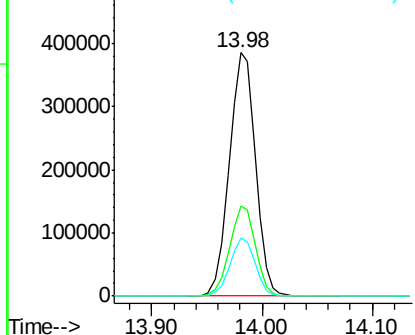


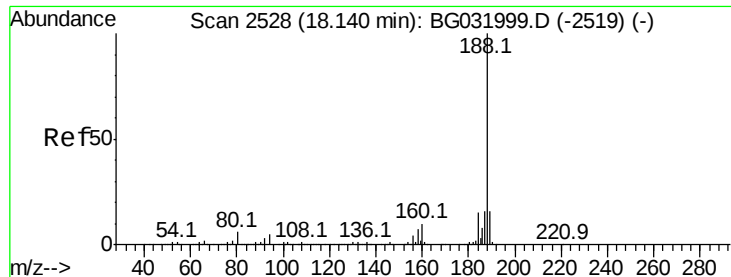
#44
 2-Fluorobiphenyl
 Concen: 83.901 ng
 RT: 13.98 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BG032344.D
 Acq: 27 Jan 2018 1:00

Tgt Ion:172 Resp: 640531
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.0 45.0
 170 23.7 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: 18.09 min Scan# 2519

Delta R.T. -0.01 min

Lab File: BG032344.D

Acq: 27 Jan 2018 1:00

Instrument :

BNA_G

ClientSampleId :

PB105951BL

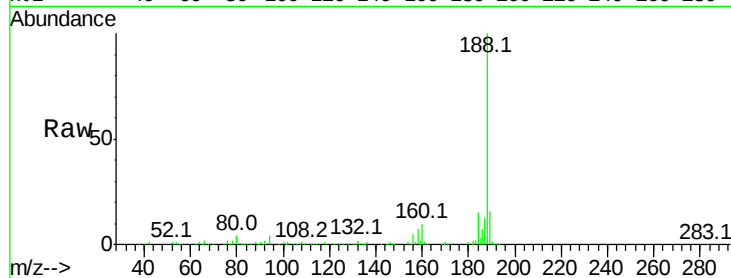
Tot Ion:188 Resp: 257366

Ion Ratio Lower Upper

188 100

94 3.6 6.9 10.3#

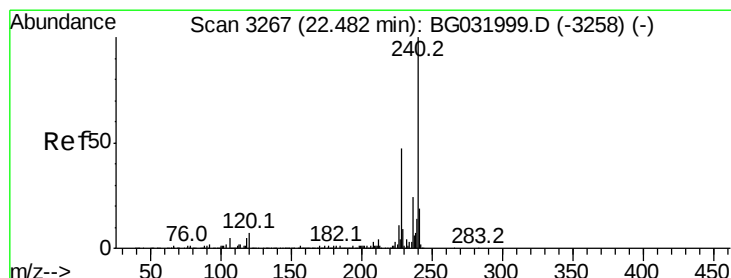
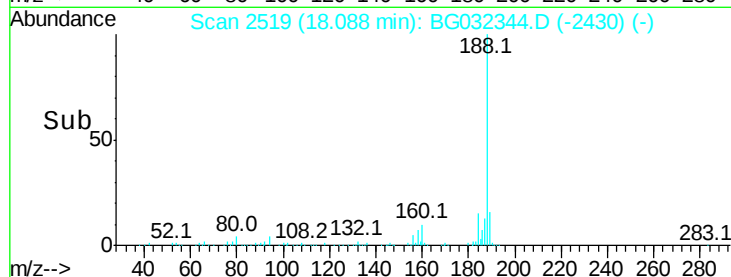
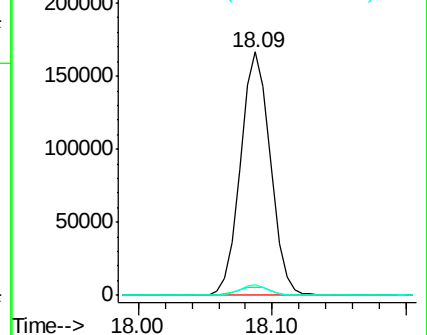
80 4.5 7.7 11.5#



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: 22.41 min Scan# 3255

Delta R.T. -0.01 min

Lab File: BG032344.D

Acq: 27 Jan 2018 1:00

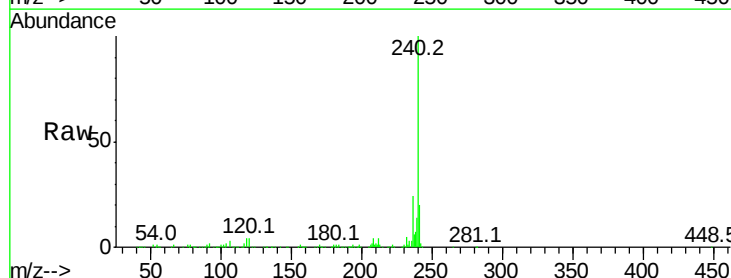
Tgt Ion:240 Resp: 359444

Ion Ratio Lower Upper

240 100

120 3.5 6.8 10.2#

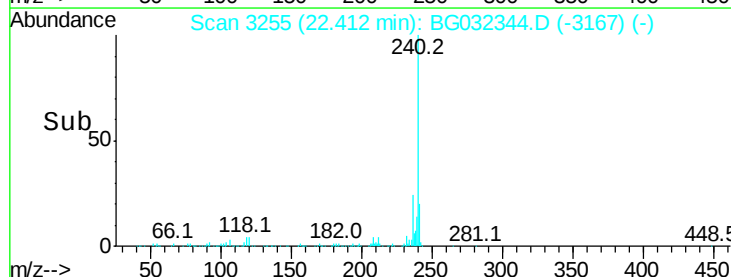
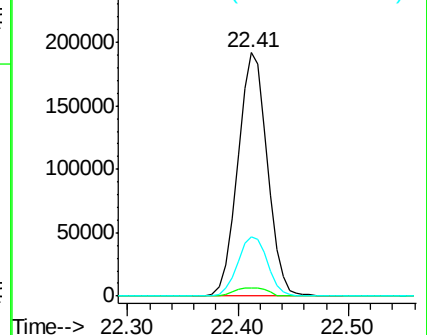
236 24.5 20.9 31.3

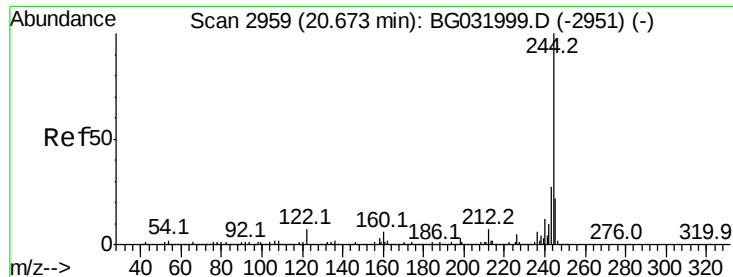


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 83.552 ng

RT: 20.63 min Scan# 2951

Delta R.T. -0.01 min

Lab File: BG032344.D

Acq: 27 Jan 2018 1:00

Instrument :

BNA_G

ClientSampleId :

PB105951BL

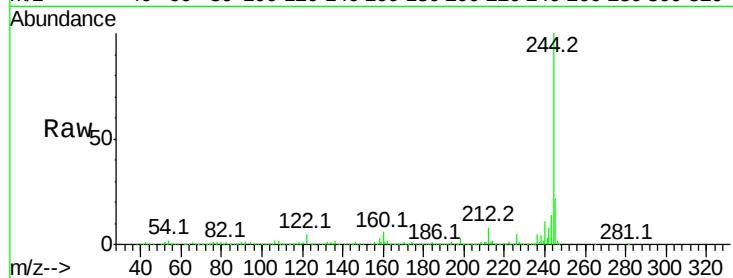
Tot Ion:244 Resp: 1360126

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

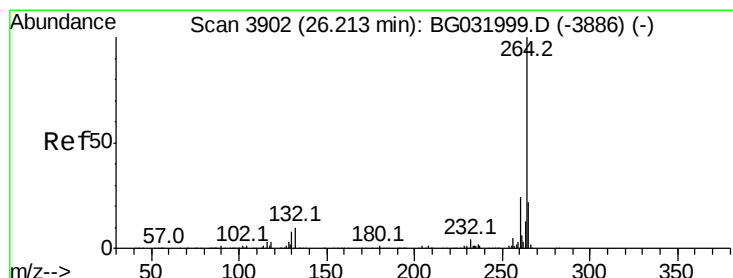
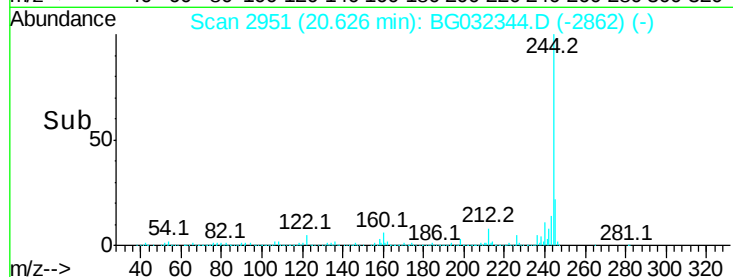
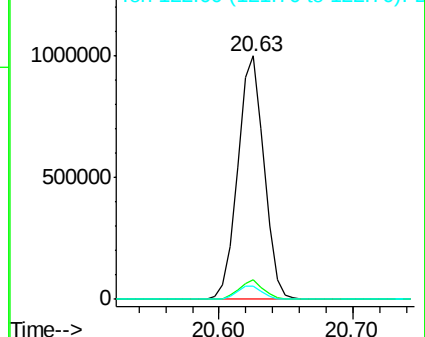
122 5.3 7.0 10.4#



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: 26.09 min Scan# 3881

Delta R.T. -0.02 min

Lab File: BG032344.D

Acq: 27 Jan 2018 1:00

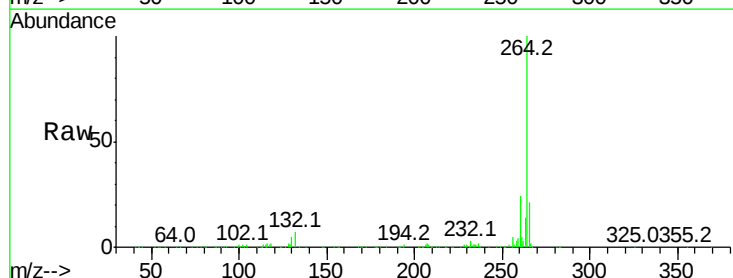
Tgt Ion:264 Resp: 374810

Ion Ratio Lower Upper

264 100

260 23.7 17.4 26.0

265 21.4 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

