

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012018\
 Data File : BG032183.D
 Acq On : 20 Jan 2018 17:27
 Operator : SJ/JU
 Sample : PB105570BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB105570BL

Quant Time: Jan 22 05:22:00 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 18 10:13:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	46245	20.00	ng	0.00
21) Naphthalene-d8	11.62	136	173746	20.00	ng	0.00
38) Acenaphthene-d10	15.37	164	111870	20.00	ng	0.00
63) Phenanthrene-d10	18.11	188	296579	20.00	ng	0.00
75) Chrysene-d12	22.44	240	417315	20.00	ng	0.00
86) Perylene-d12	26.14	264	438846	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.17	112	294448	116.45	ng	0.00
7) Phenol-d6	7.85	99	351243	110.30	ng	0.00
23) Nitrobenzene-d5	9.94	82	210732	82.06	ng	0.00
41) 2,4,6-Tribromophenol	16.85	330	207387	112.03	ng	0.00
44) 2-Fluorobiphenyl	14.00	172	729736	80.88	ng	0.00
78) Terphenyl-d14	20.65	244	1475594	78.07	ng	0.00

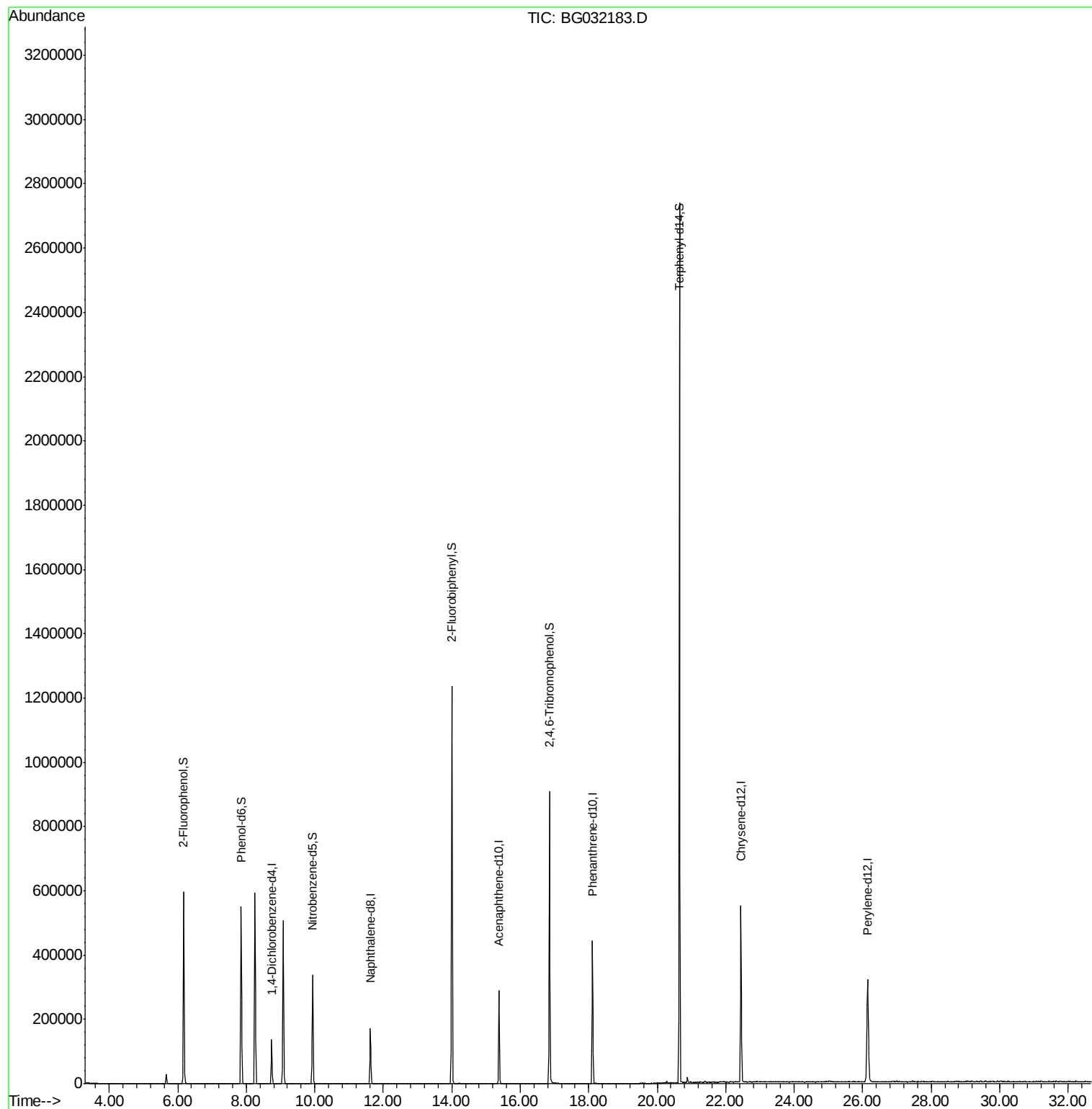
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.74 min Scan# 928

Delta R.T. -0.00 min

Lab File: BG032183.D

Acq: 20 Jan 2018 17:27

Instrument :

BNA_G

ClientSampleId :

PB105570BL

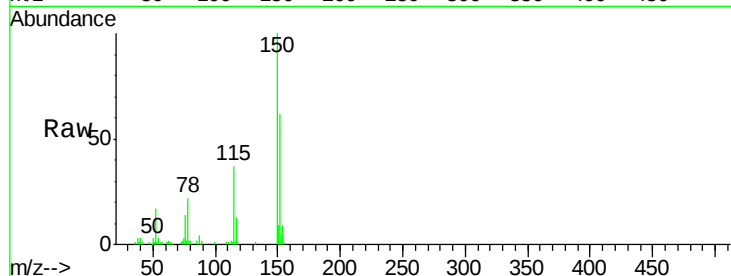
Tot Ion:152 Resp: 46245

Ion Ratio Lower Upper

152 100

150 162.4 126.6 189.8

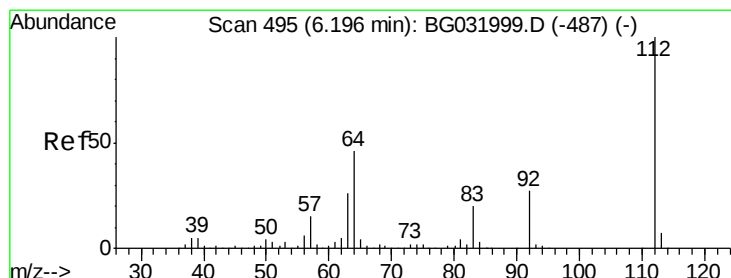
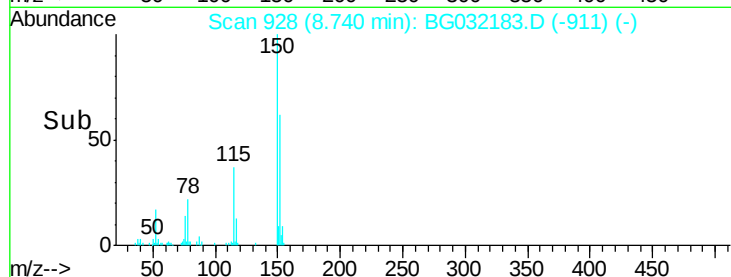
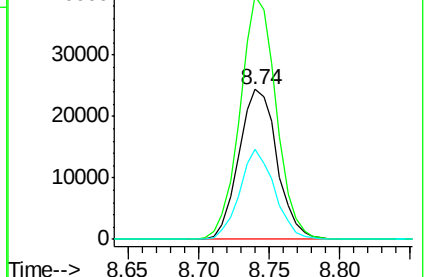
115 59.6 53.0 79.4



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: 116.451 ng

RT: 6.17 min Scan# 491

Delta R.T. 0.00 min

Lab File: BG032183.D

Acq: 20 Jan 2018 17:27

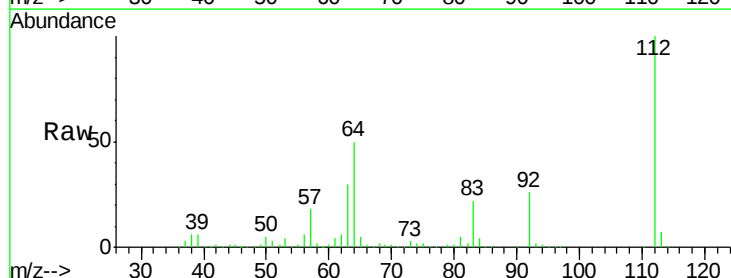
Tgt Ion:112 Resp: 294448

Ion Ratio Lower Upper

112 100

64 50.0 56.3 84.5#

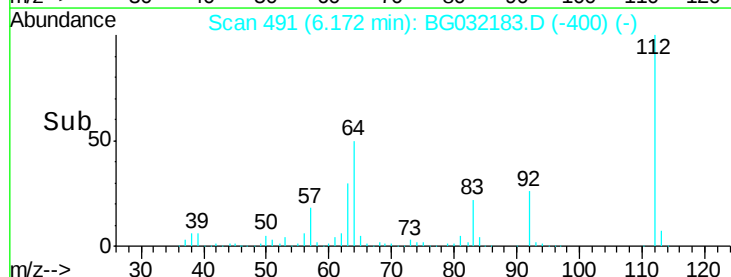
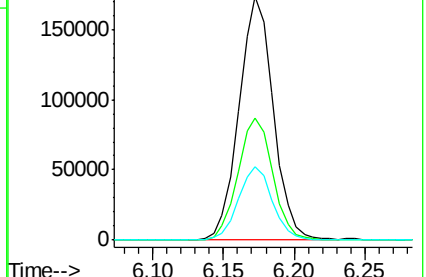
63 30.2 30.1 45.1



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: 110.297 ng

RT: 7.85 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG032183.D

Acq: 20 Jan 2018 17:27

Instrument :

BNA_G

ClientSampleId :

PB105570BL

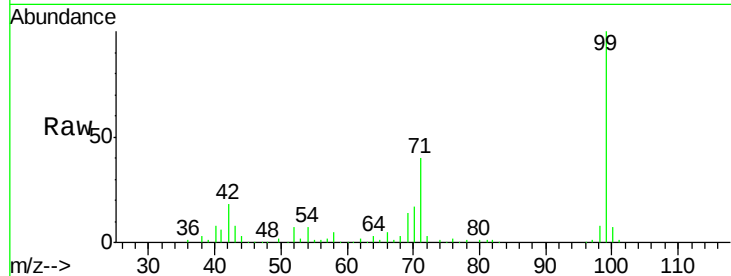
Tot Ion: 99 Resp: 351243

Ion Ratio Lower Upper

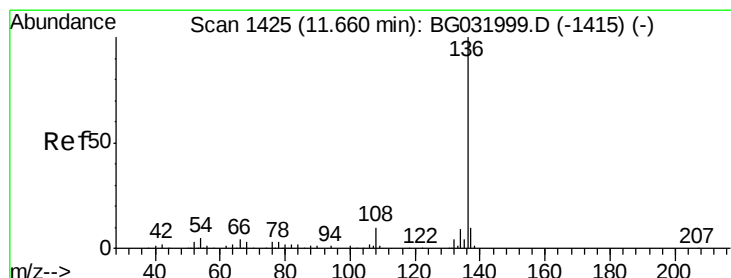
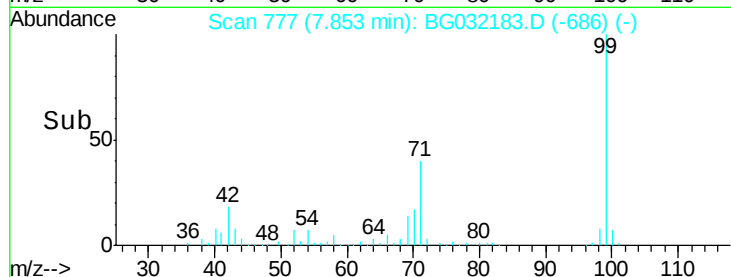
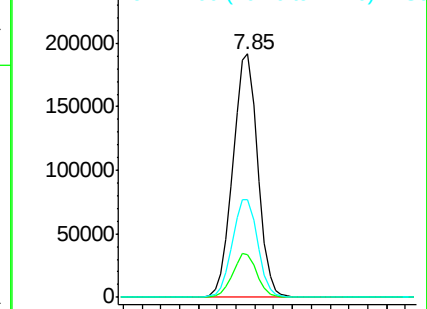
99 100

42 17.6 14.1 21.1

71 40.0 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: 11.62 min Scan# 1419

Delta R.T. -0.00 min

Lab File: BG032183.D

Acq: 20 Jan 2018 17:27

Tgt Ion: 136 Resp: 173746

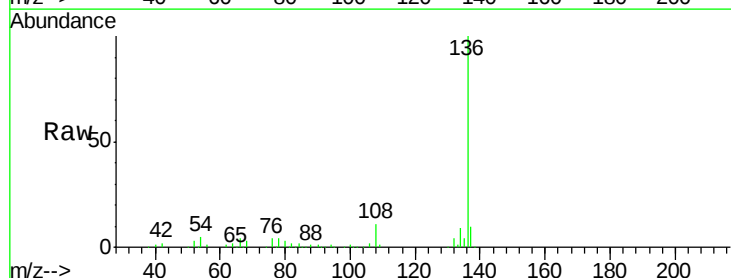
Ion Ratio Lower Upper

136 100

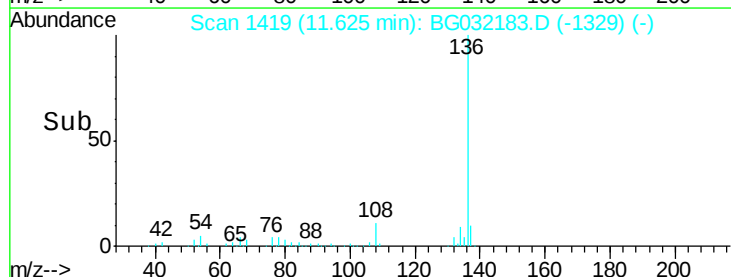
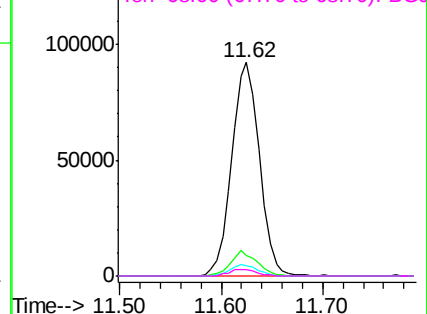
137 9.9 9.2 13.8

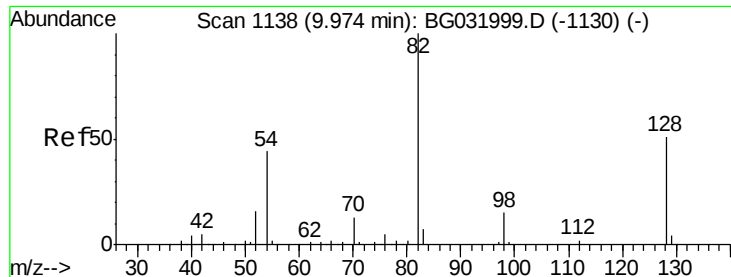
54 4.7 10.3 15.5#

68 3.2 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

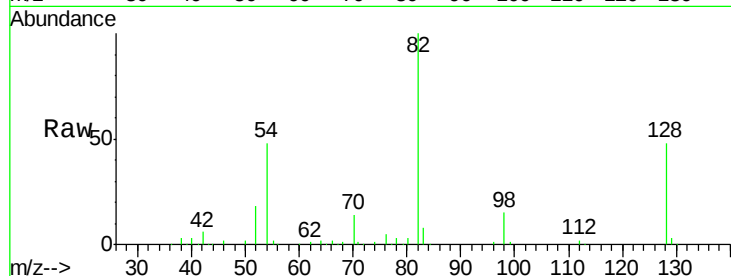




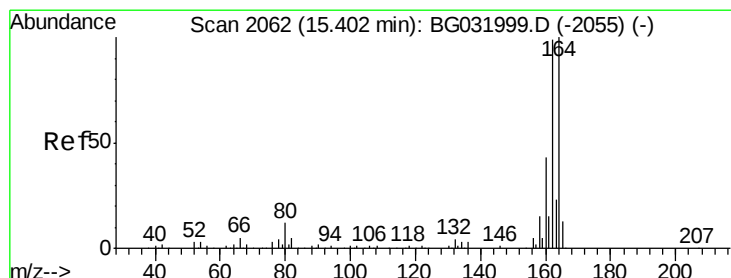
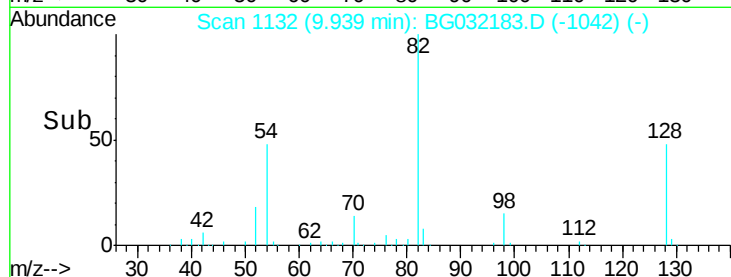
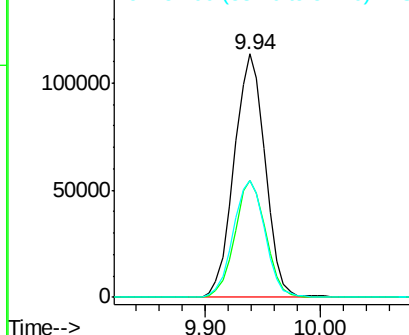
#23
Nitrobenzene-d5
Concen: 82.056 ng
RT: 9.94 min Scan# 1132
Delta R.T. -0.00 min
Lab File: BG032183.D
Acq: 20 Jan 2018 17:27

Instrument :
BNA_G
ClientSampleId :
PB105570BL

Tot Ion: 82 Resp: 210732
Ion Ratio Lower Upper
82 100
128 48.1 29.7 44.5#
54 48.2 43.1 64.7

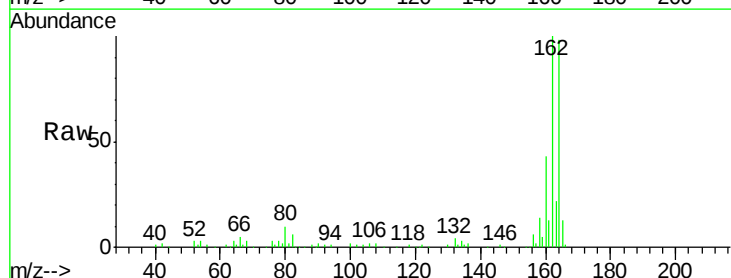


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

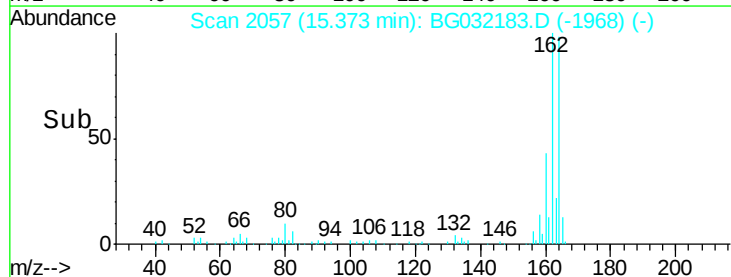
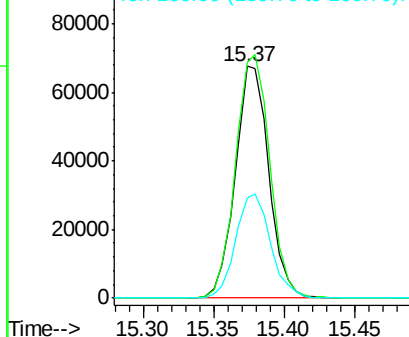


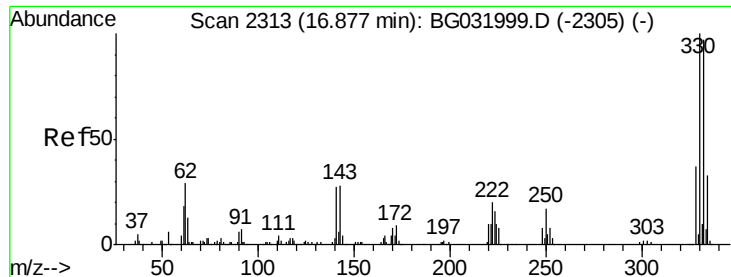
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.37 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BG032183.D
Acq: 20 Jan 2018 17:27

Tgt Ion:164 Resp: 111870
Ion Ratio Lower Upper
164 100
162 101.9 78.8 118.2
160 43.4 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: 112.029 ng

RT: 16.85 min Scan# 2309

Delta R.T. -0.00 min

Lab File: BG032183.D

Acq: 20 Jan 2018 17:27

Instrument :

BNA_G

ClientSampleId :

PB105570BL

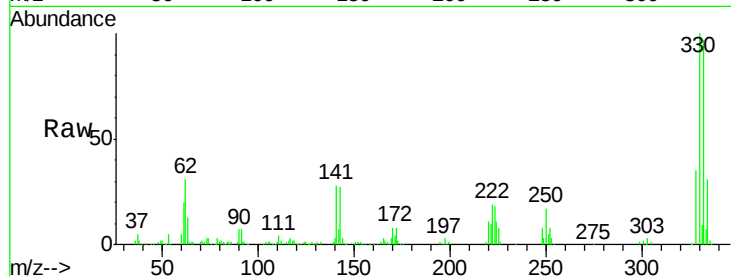
Tot Ion:330 Resp: 207387

Ion Ratio Lower Upper

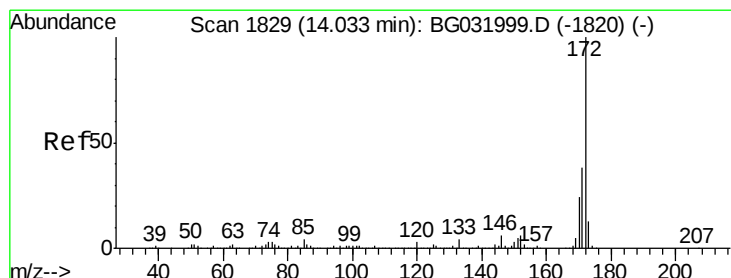
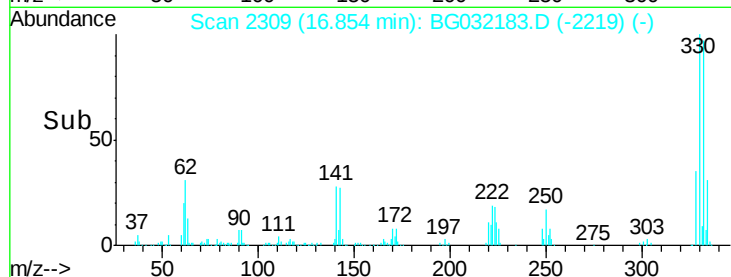
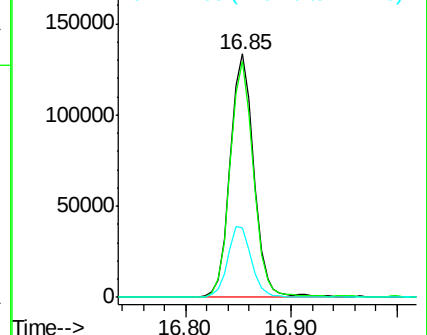
330 100

332 95.3 77.0 115.6

141 29.1 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: 80.883 ng

RT: 14.00 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BG032183.D

Acq: 20 Jan 2018 17:27

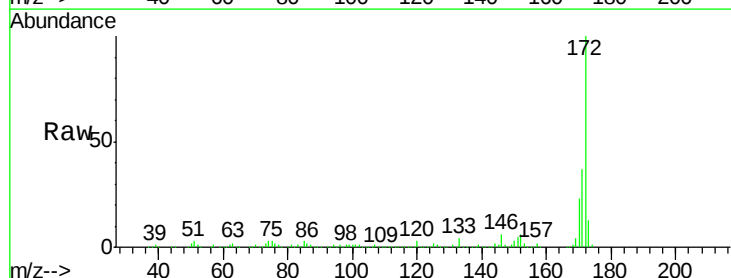
Tgt Ion:172 Resp: 729736

Ion Ratio Lower Upper

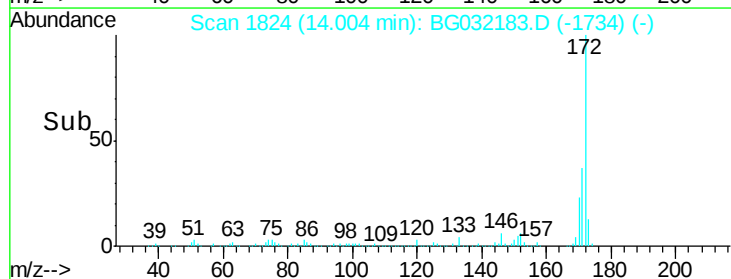
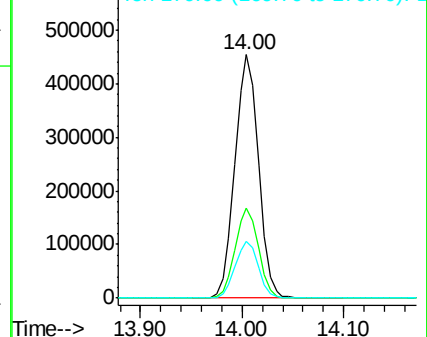
172 100

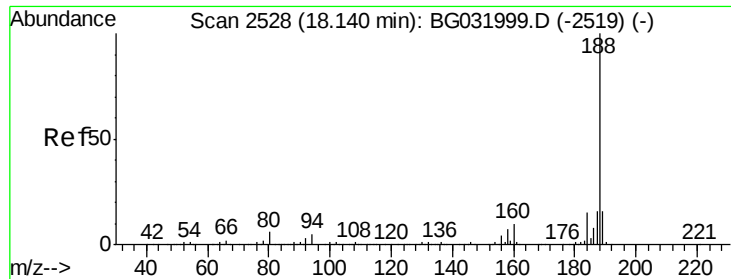
171 37.1 30.0 45.0

170 23.5 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

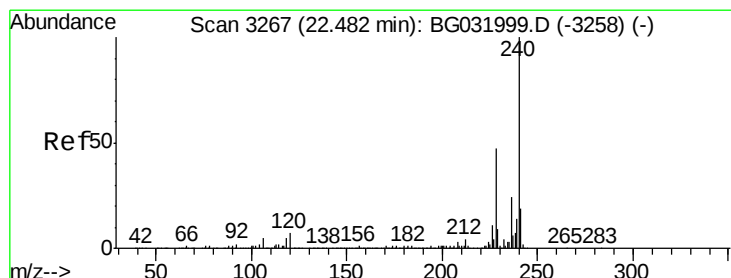
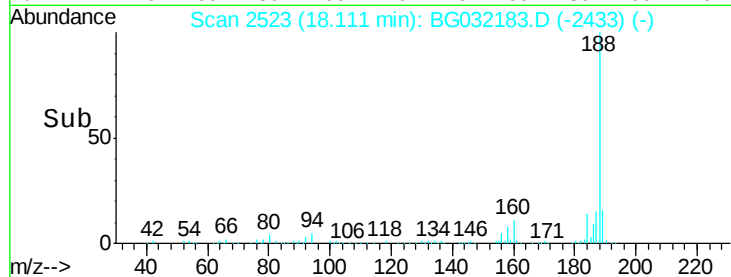
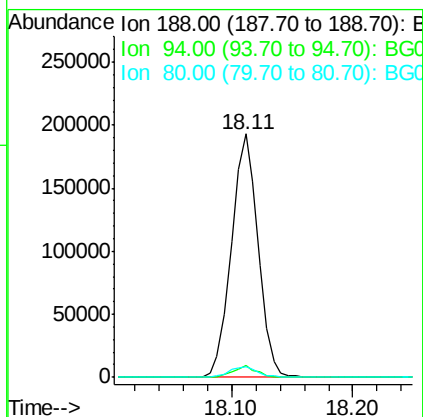
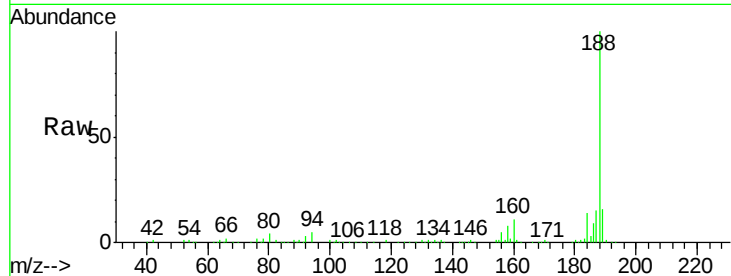




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.11 min Scan# 2523
Delta R.T. -0.00 min
Lab File: BG032183.D
Acq: 20 Jan 2018 17:27

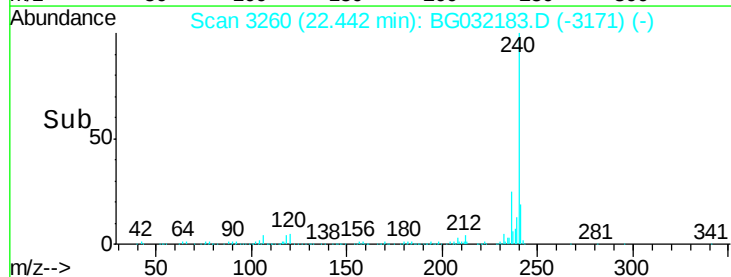
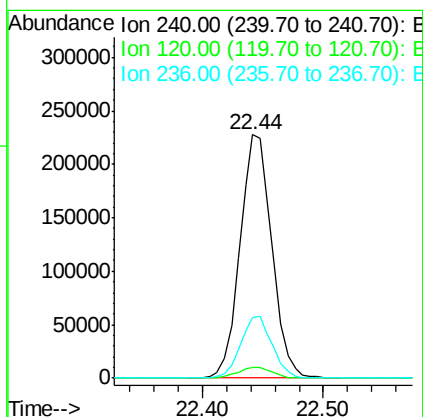
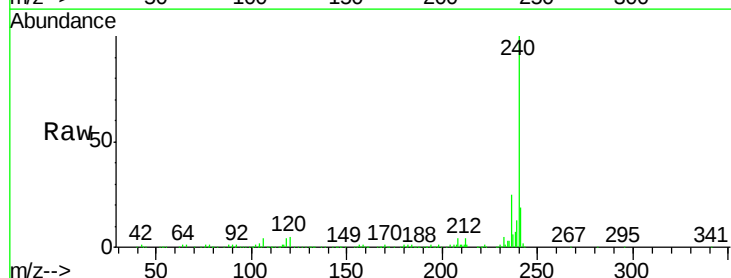
Instrument :
BNA_G
ClientSampleId :
PB105570BL

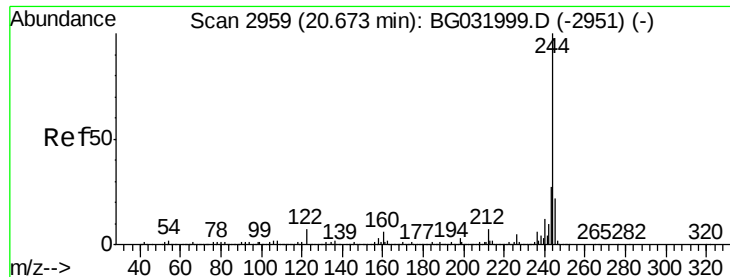
Tot Ion:188 Resp: 296579
Ion Ratio Lower Upper
188 100
94 4.9 6.9 10.3#
80 4.2 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.44 min Scan# 3260
Delta R.T. -0.01 min
Lab File: BG032183.D
Acq: 20 Jan 2018 17:27

Tgt Ion:240 Resp: 417315
Ion Ratio Lower Upper
240 100
120 4.6 6.8 10.2#
236 24.9 20.9 31.3





#78

Terphenyl-d14

Concen: 78.075 ng

RT: 20.65 min Scan# 2955

Delta R.T. -0.00 min

Lab File: BG032183.D

Acq: 20 Jan 2018 17:27

Instrument :

BNA_G

ClientSampleId :

PB105570BL

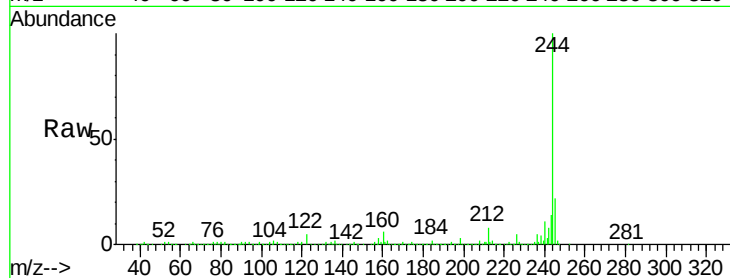
Tot Ion:244 Resp: 1475594

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

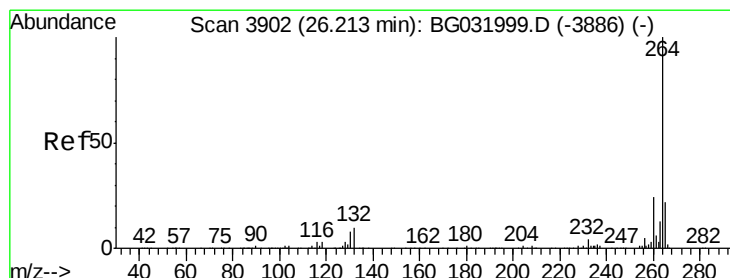
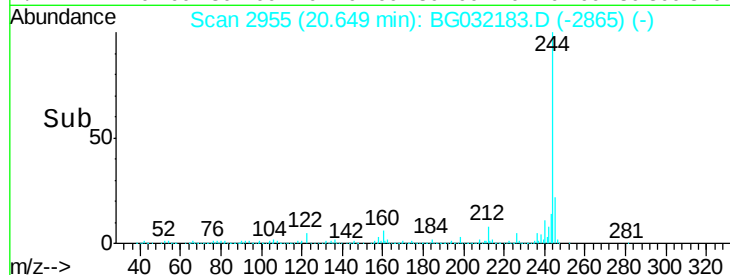
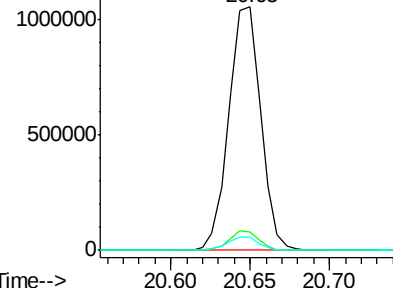
122 5.5 7.0 10.4#



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: 26.14 min Scan# 3890

Delta R.T. -0.01 min

Lab File: BG032183.D

Acq: 20 Jan 2018 17:27

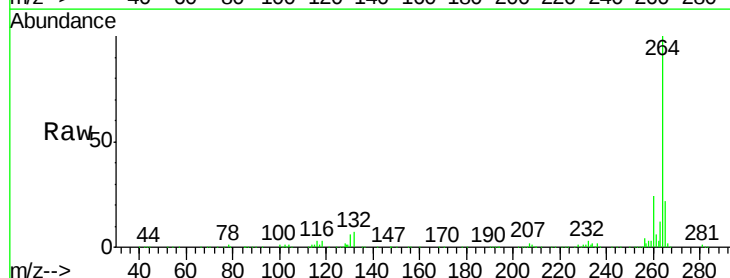
Tgt Ion:264 Resp: 438846

Ion Ratio Lower Upper

264 100

260 24.5 17.4 26.0

265 21.6 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

