

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091217\
 Data File : BG028685.D
 Acq On : 13 Sep 2017 1:07
 Operator : SJ/JU
 Sample : I5189-15
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB-01-090817

Quant Time: Sep 13 05:14:34 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	23584	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	96810	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	74721	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	234158	20.00	ng	0.00
75) Chrysene-d12	22.03	240	274216	20.00	ng	0.00
86) Perylene-d12	25.52	264	283239	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	104158	72.87	ng	0.00
7) Phenol-d6	7.49	99	84116	39.09	ng	0.00
23) Nitrobenzene-d5	9.50	82	203553	100.58	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	226615	183.37	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	538290	96.06	ng	0.00
78) Terphenyl-d14	20.28	244	1293195	100.57	ng	0.00

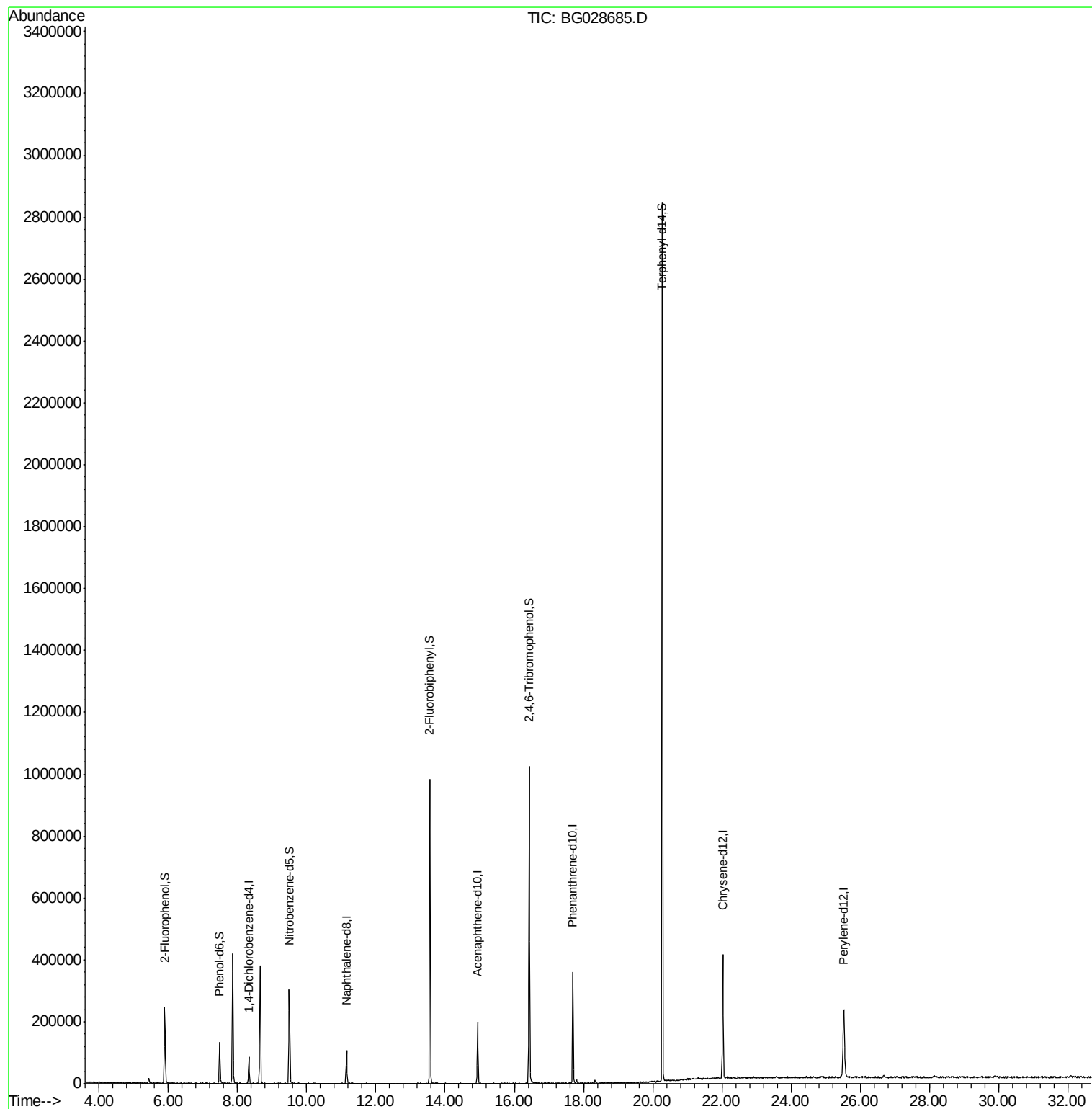
Target Compounds Qvalue

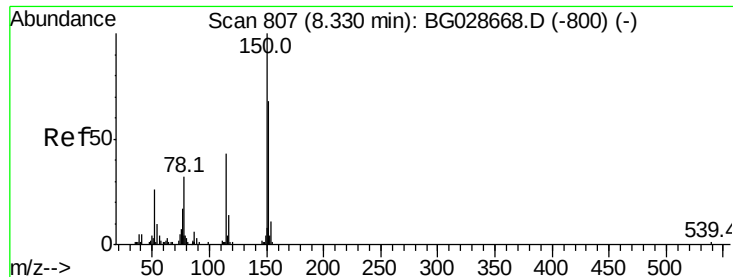
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.33 min Scan# 806

Delta R.T. -0.00 min

Lab File: BG028685.D

Acq: 13 Sep 2017 1:07

Instrument :

BNA_G

ClientSampleId :

CB-01-090817

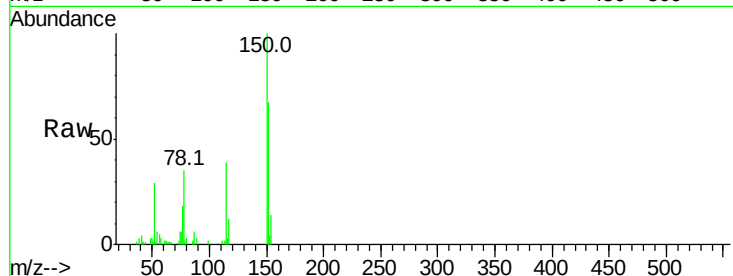
Tot Ion:152 Resp: 23584

Ion Ratio Lower Upper

152 100

150 149.1 114.0 171.0

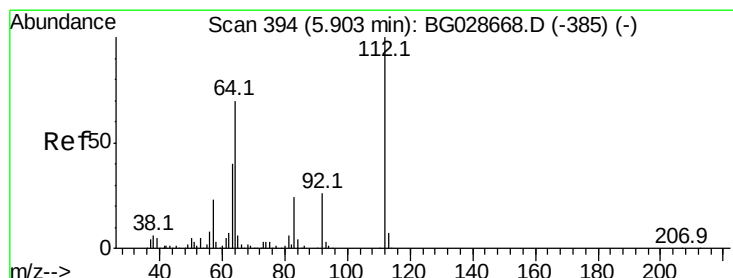
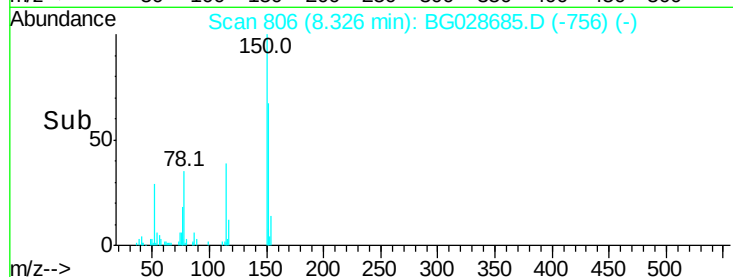
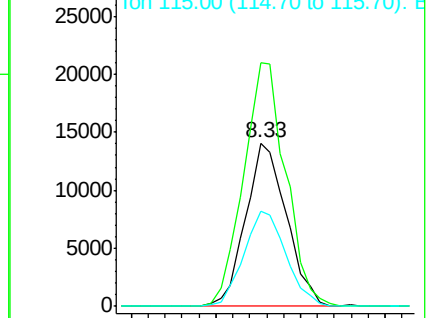
115 58.6 48.1 72.1



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: 72.874 ng

RT: 5.90 min Scan# 393

Delta R.T. -0.00 min

Lab File: BG028685.D

Acq: 13 Sep 2017 1:07

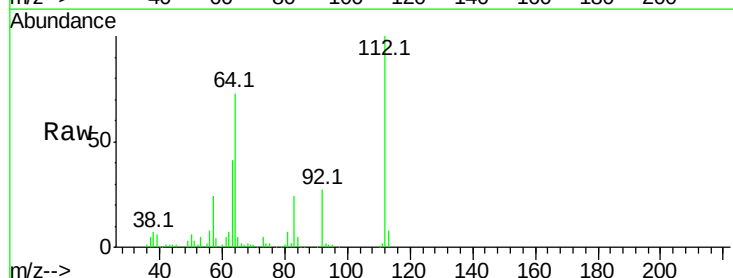
Tgt Ion:112 Resp: 104158

Ion Ratio Lower Upper

112 100

64 73.5 61.8 92.6

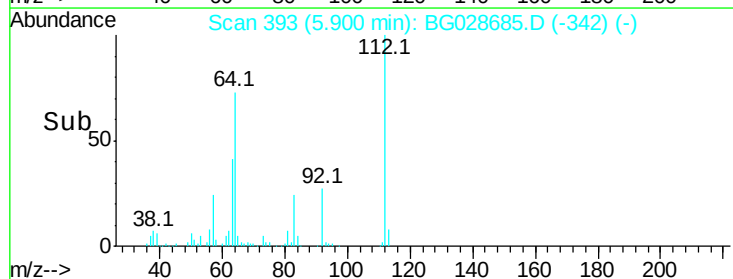
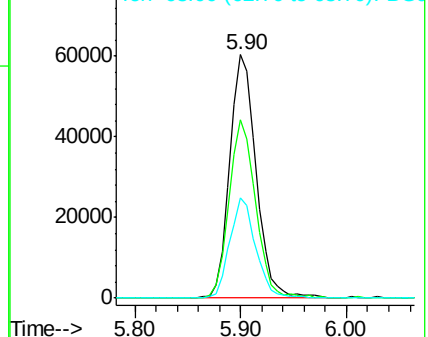
63 41.2 37.2 55.8

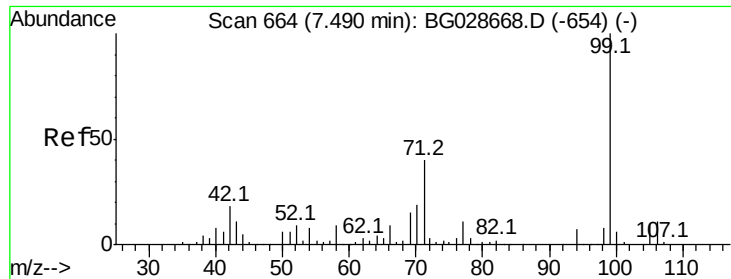


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 39.088 ng

RT: 7.49 min Scan# 663

Delta R.T. -0.00 min

Lab File: BG028685.D

Acq: 13 Sep 2017 1:07

Instrument :

BNA_G

ClientSampleId :

CB-01-090817

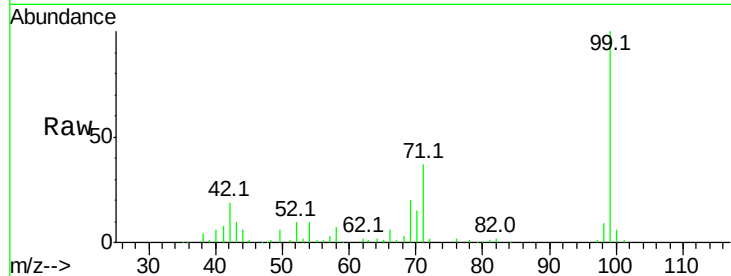
Tot Ion: 99 Resp: 84116

Ion Ratio Lower Upper

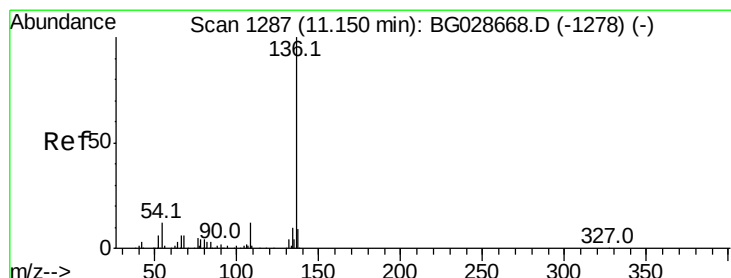
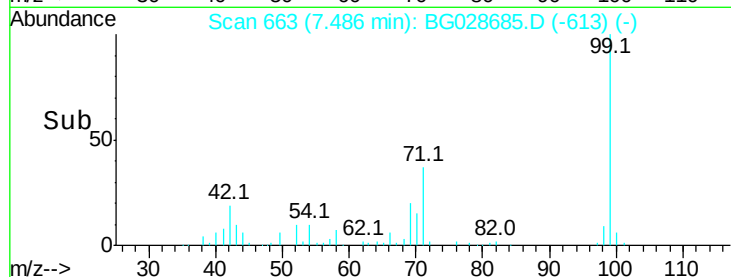
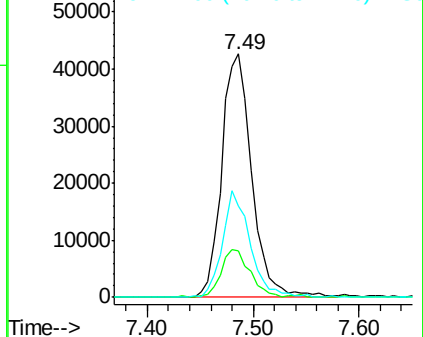
99 100

42 19.3 20.5 30.7#

71 37.3 37.6 56.4#



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: 11.15 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BG028685.D

Acq: 13 Sep 2017 1:07

Tgt Ion: 136 Resp: 96810

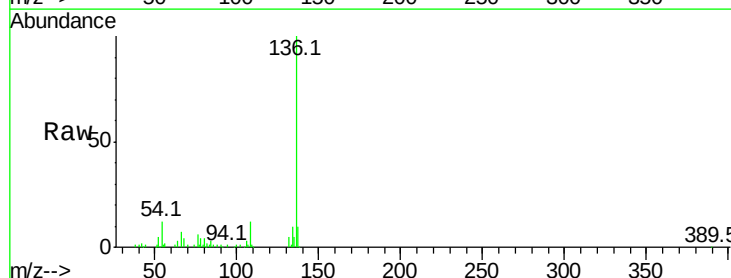
Ion Ratio Lower Upper

136 100

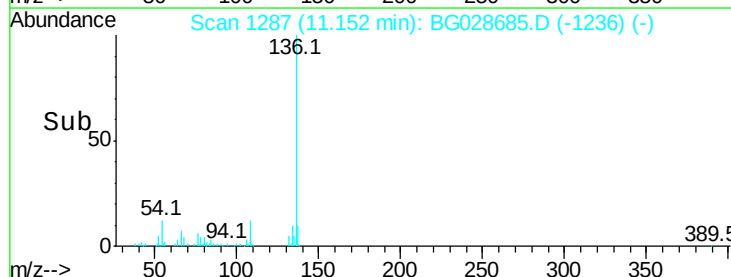
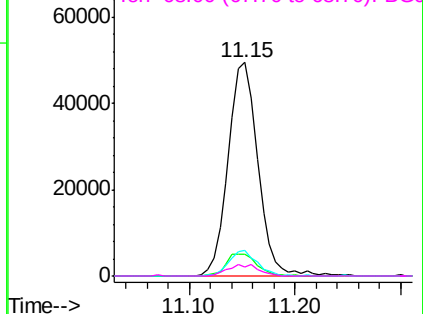
137 10.0 8.9 13.3

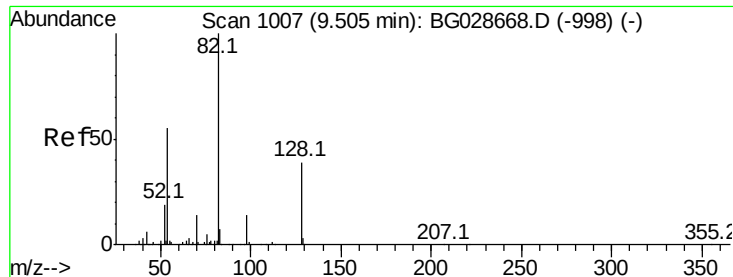
54 12.1 9.3 13.9

68 4.0 5.1 7.7#



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: 100.583 ng

RT: 9.50 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BG028685.D

Acq: 13 Sep 2017 1:07

Instrument :

BNA_G

ClientSampleId :

CB-01-090817

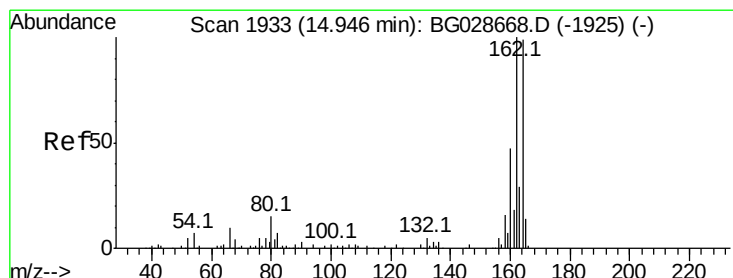
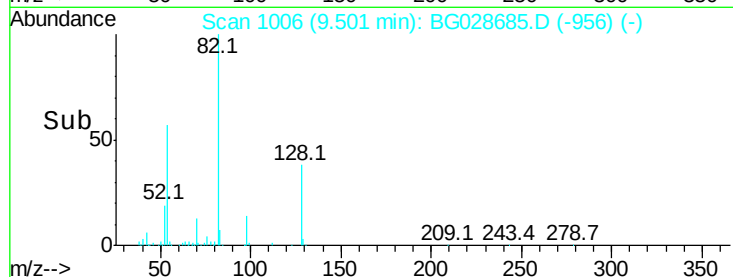
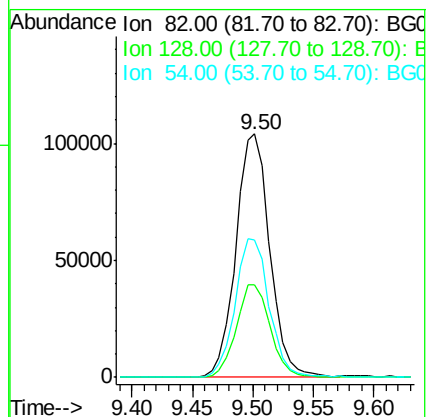
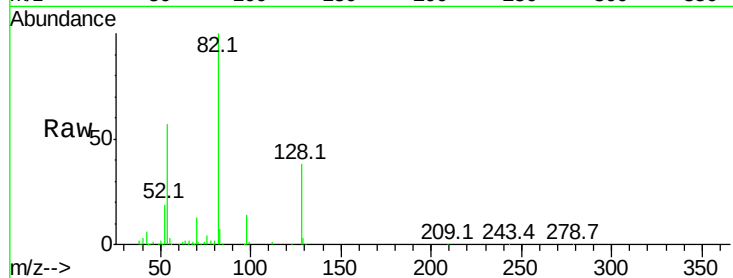
Tot Ion: 82 Resp: 203553

Ion Ratio Lower Upper

82 100

128 38.0 26.4 39.6

54 56.6 49.4 74.2



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.94 min Scan# 1932

Delta R.T. -0.00 min

Lab File: BG028685.D

Acq: 13 Sep 2017 1:07

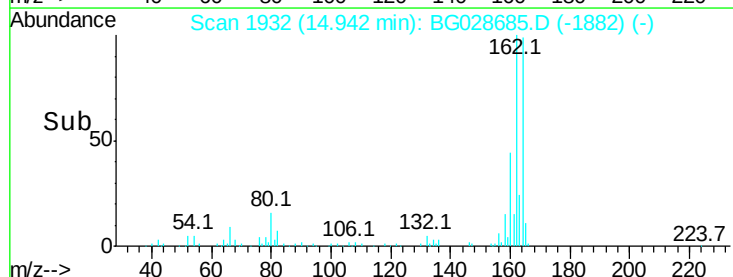
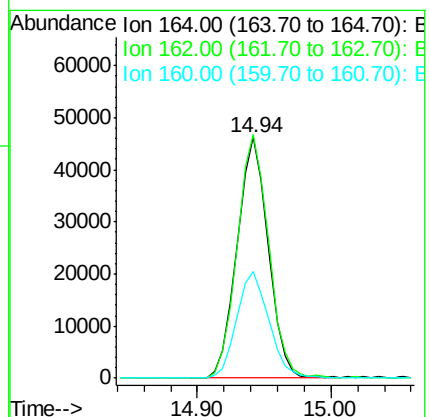
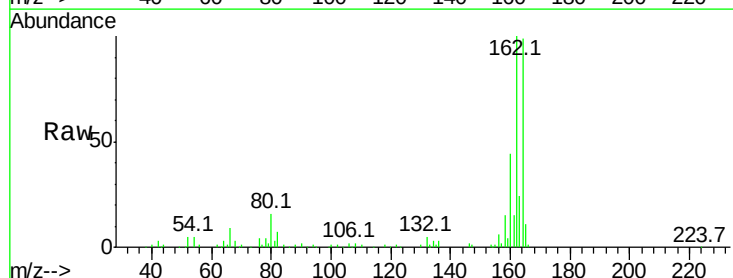
Tgt Ion: 164 Resp: 74721

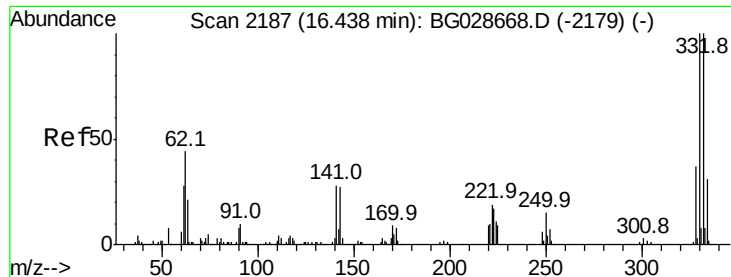
Ion Ratio Lower Upper

164 100

162 101.2 85.1 127.7

160 44.5 34.7 52.1





#41

2,4,6-Tribromophenol

Concen: 183.369 ng

RT: 16.43 min Scan# 2186

Delta R.T. -0.00 min

Lab File: BG028685.D

Acq: 13 Sep 2017 1:07

Instrument :

BNA_G

ClientSampleId :

CB-01-090817

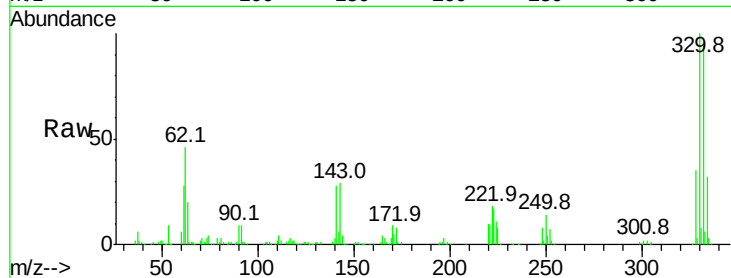
Tot Ion:330 Resp: 226615

Ion Ratio Lower Upper

330 100

332 96.1 77.3 115.9

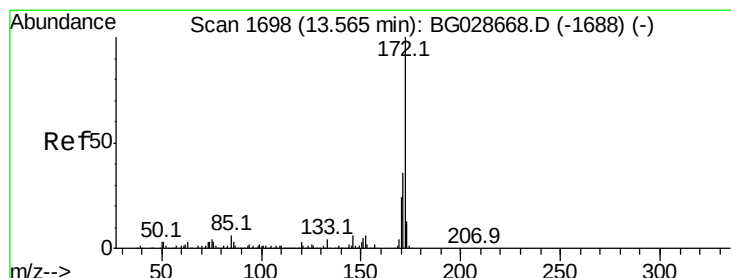
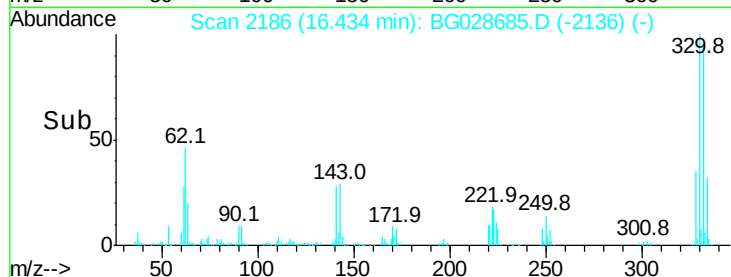
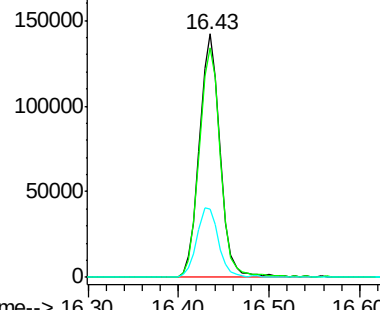
141 29.9 32.1 48.1#



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: 96.060 ng

RT: 13.56 min Scan# 1697

Delta R.T. -0.00 min

Lab File: BG028685.D

Acq: 13 Sep 2017 1:07

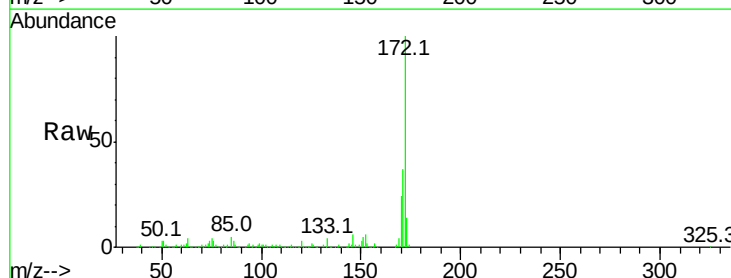
Tgt Ion:172 Resp: 538290

Ion Ratio Lower Upper

172 100

171 37.1 32.2 48.2

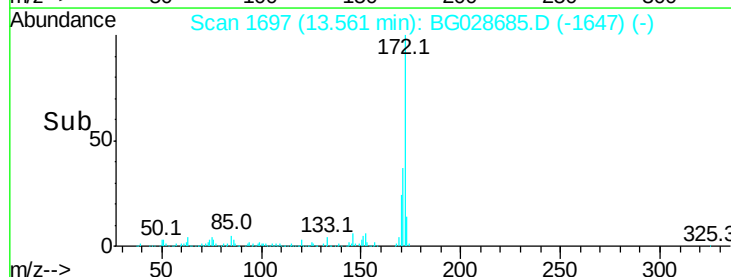
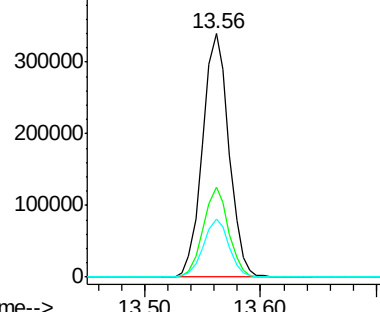
170 23.6 21.8 32.6

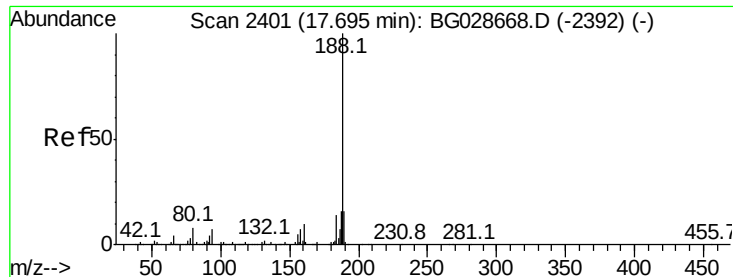


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.69 min Scan# 2400

Delta R.T. -0.00 min

Lab File: BG028685.D

Acq: 13 Sep 2017 1:07

Instrument :

BNA_G

ClientSampleId :

CB-01-090817

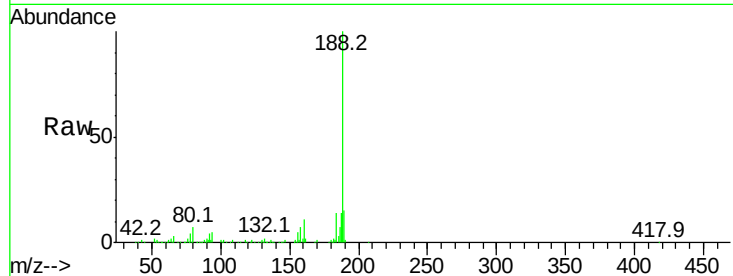
Tot Ion:188 Resp: 234158

Ion Ratio Lower Upper

188 100

94 5.1 5.8 8.8#

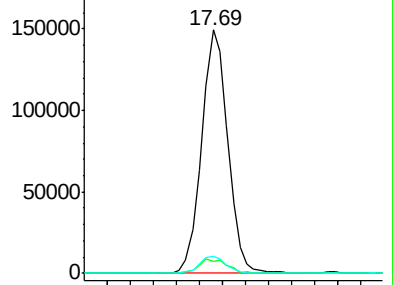
80 7.1 7.5 11.3#



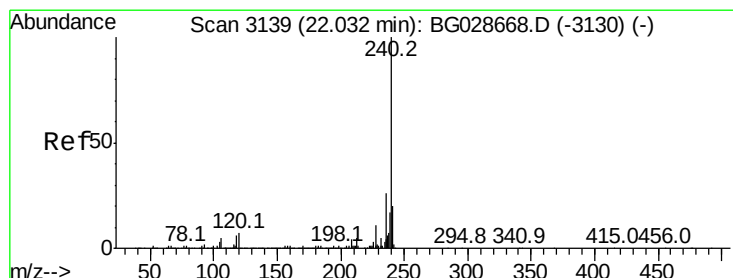
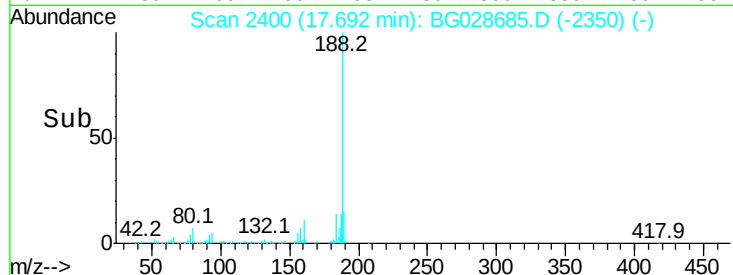
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.03 min Scan# 3138

Delta R.T. -0.00 min

Lab File: BG028685.D

Acq: 13 Sep 2017 1:07

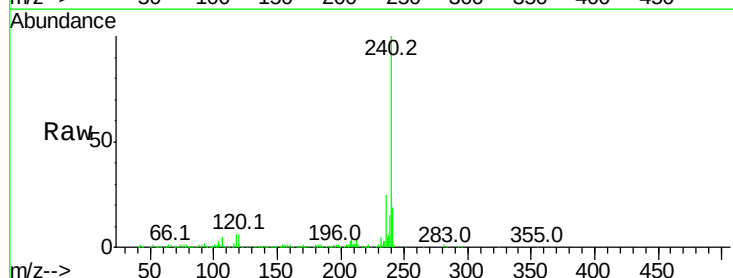
Tgt Ion:240 Resp: 274216

Ion Ratio Lower Upper

240 100

120 5.8 5.7 8.5

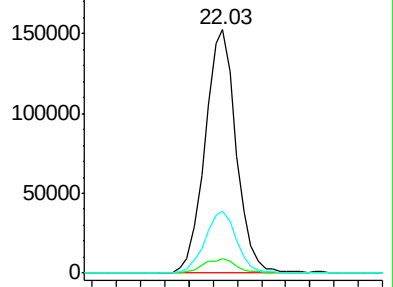
236 25.5 22.2 33.4



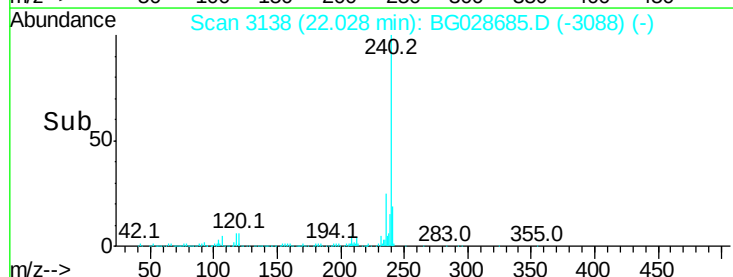
Abundance Ion 240.00 (239.70 to 240.70): E

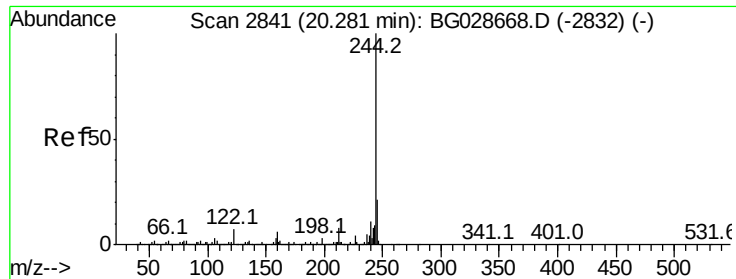
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#78

Terphenyl-d14

Concen: 100.571 ng

RT: 20.28 min Scan# 2840

Delta R.T. -0.00 min

Lab File: BG028685.D

Acq: 13 Sep 2017 1:07

Instrument :

BNA_G

ClientSampleId :

CB-01-090817

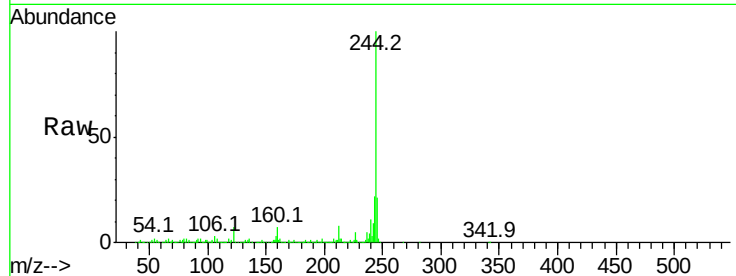
Tot Ion:244 Resp: 1293195

Ion Ratio Lower Upper

244 100

212 8.1 10.0 15.0#

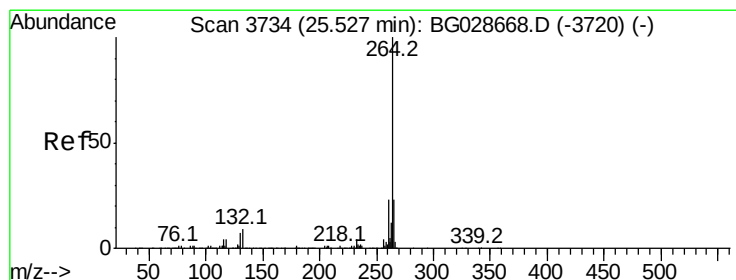
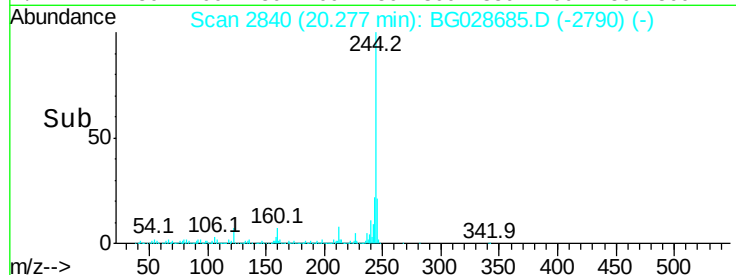
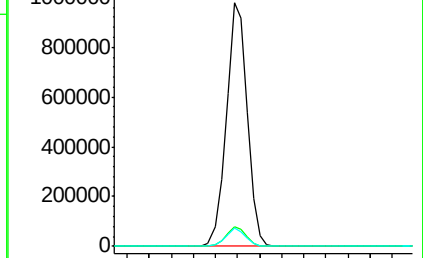
122 7.4 8.6 12.8#



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: 25.52 min Scan# 3733

Delta R.T. -0.00 min

Lab File: BG028685.D

Acq: 13 Sep 2017 1:07

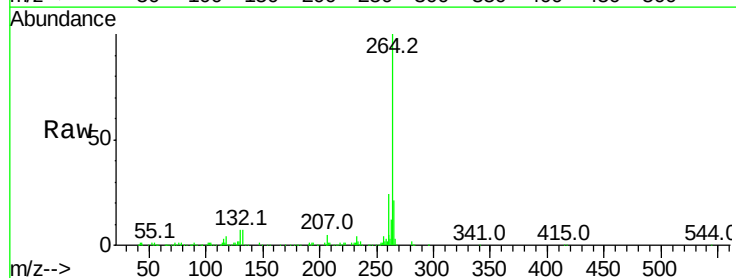
Tgt Ion:264 Resp: 283239

Ion Ratio Lower Upper

264 100

260 23.9 21.8 32.8

265 21.3 18.2 27.4



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

