

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092317\
 Data File : BG028902.D
 Acq On : 23 Sep 2017 17:38
 Operator : SJ/JU
 Sample : I5298-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 091817-SIDI-F-D-M

Quant Time: Sep 25 02:31:45 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	8.28	152	22723	20.00	ng	-0.05
21) Naphthalene-d8	11.10	136	91666	20.00	ng	-0.05
38) Acenaphthene-d10	14.89	164	70845	20.00	ng	-0.05
63) Phenanthrene-d10	17.64	188	233527	20.00	ng	-0.05
75) Chrysene-d12	21.96	240	279843	20.00	ng	-0.07
86) Perylene-d12	25.42	264	292572	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.84	112	58686	42.62	ng	-0.06
7) Phenol-d6	7.43	99	52096	25.13	ng	-0.06
23) Nitrobenzene-d5	9.45	82	184236	96.15	ng	-0.05
41) 2,4,6-Tribromophenol	16.38	330	141781	121.00	ng	-0.05
44) 2-Fluorobiphenyl	13.51	172	511091	96.20	ng	-0.05
78) Terphenyl-d14	20.23	244	1153386	87.89	ng	-0.05

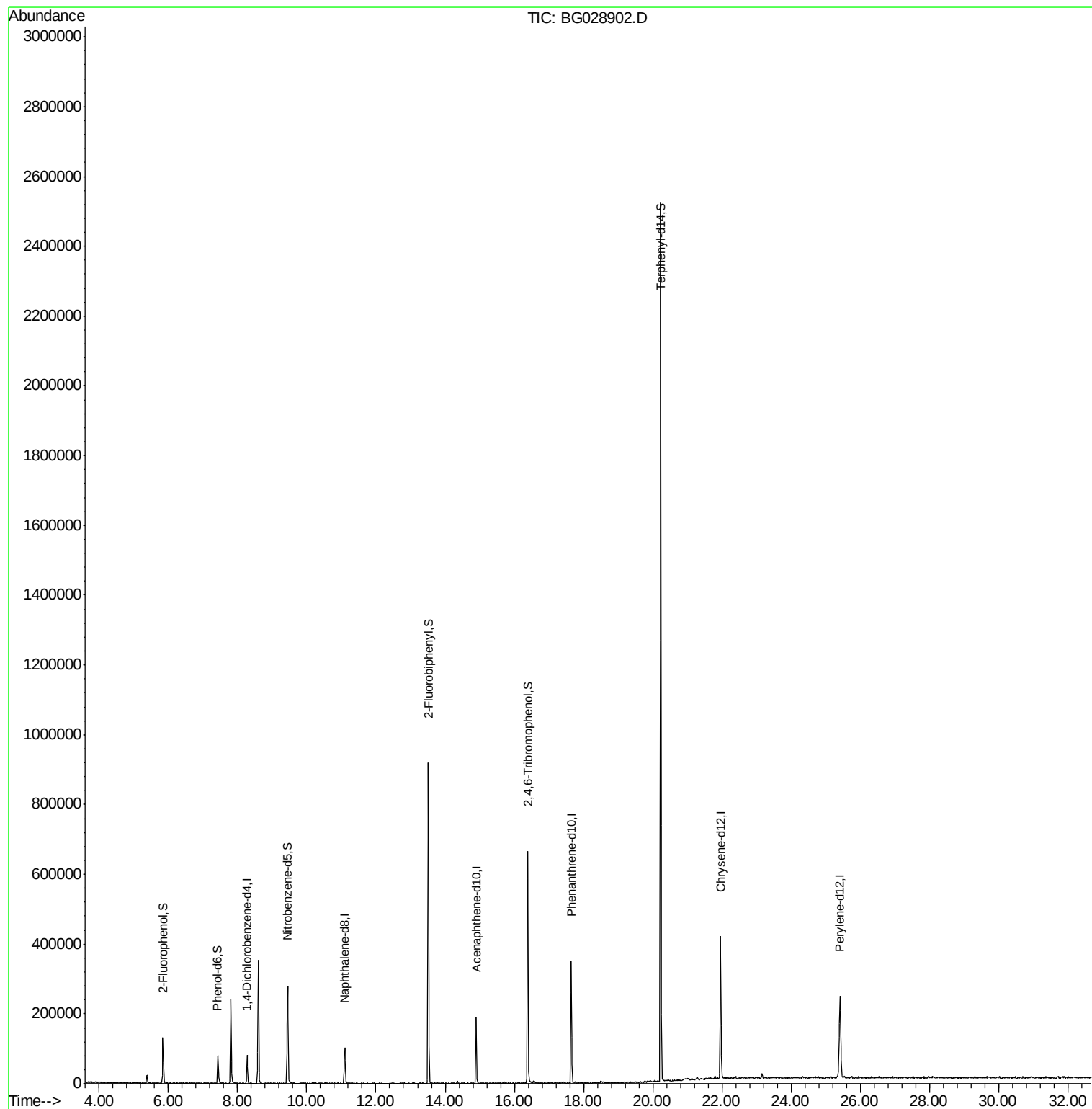
Target Compounds Qvalue

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

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092317\
Data File : BG028902.D
Acq On : 23 Sep 2017 17:38
Operator : SJ/JU
Sample : I5298-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
091817-SIDI-F-D-M

Quant Time: Sep 25 02:31:45 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.28 min Scan# 799

Delta R.T. -0.05 min

Lab File: BG028902.D

Acq: 23 Sep 2017 17:38

Instrument :

BNA_G

ClientSampleId :

091817-SIDI-F-D-M

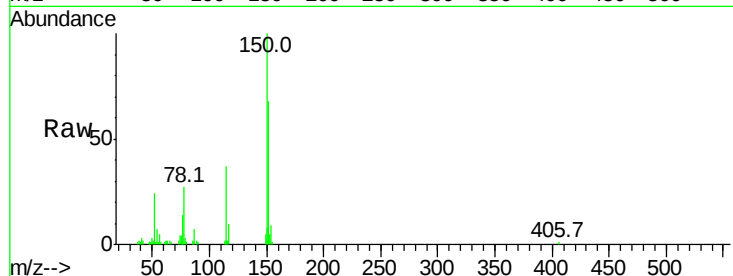
Tot Ion:152 Resp: 22723

Ion Ratio Lower Upper

152 100

150 146.6 114.0 171.0

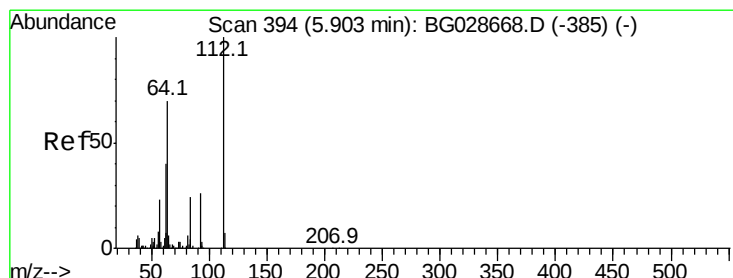
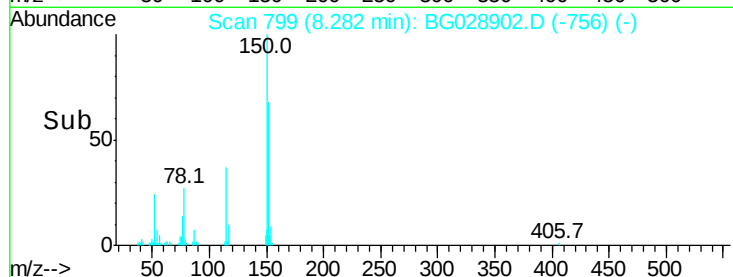
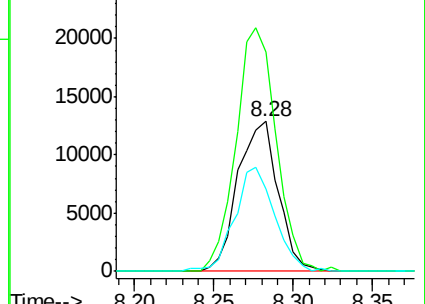
115 54.6 48.1 72.1



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: 42.615 ng

RT: 5.84 min Scan# 384

Delta R.T. -0.06 min

Lab File: BG028902.D

Acq: 23 Sep 2017 17:38

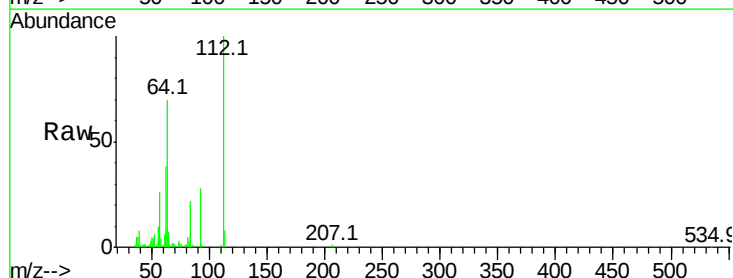
Tgt Ion:112 Resp: 58686

Ion Ratio Lower Upper

112 100

64 69.9 61.8 92.6

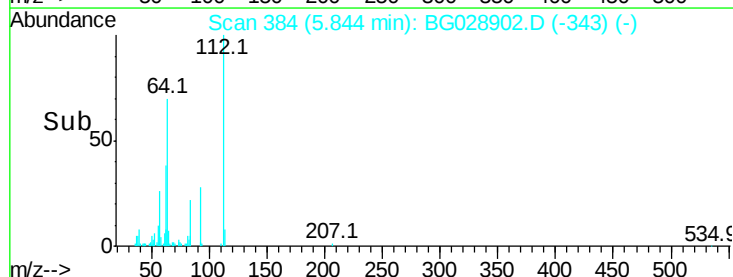
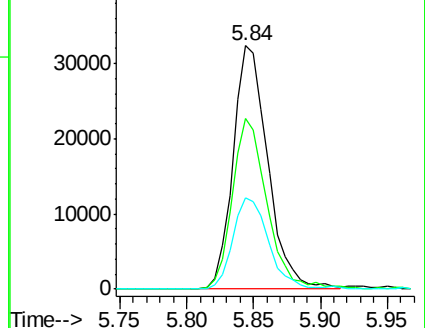
63 37.7 37.2 55.8

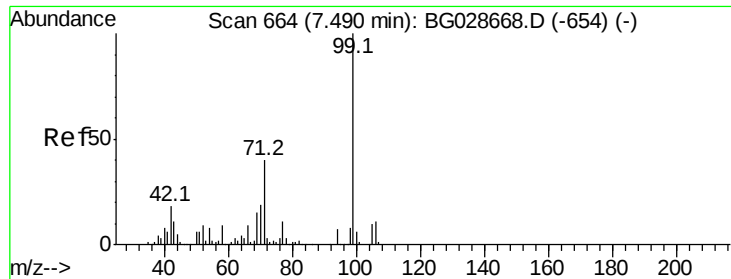


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 25.126 ng

RT: 7.43 min Scan# 654

Delta R.T. -0.06 min

Lab File: BG028902.D

Acq: 23 Sep 2017 17:38

Instrument :

BNA_G

ClientSampleId :

091817-SIDI-F-D-M

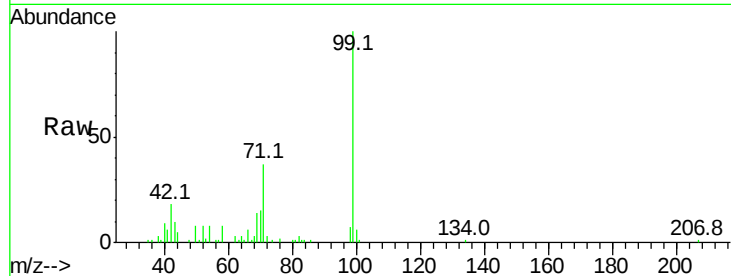
Tot Ion: 99 Resp: 52096

Ion Ratio Lower Upper

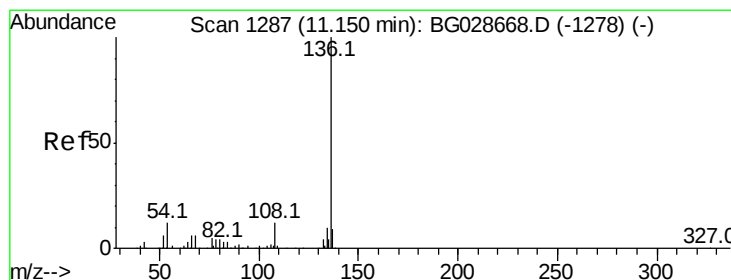
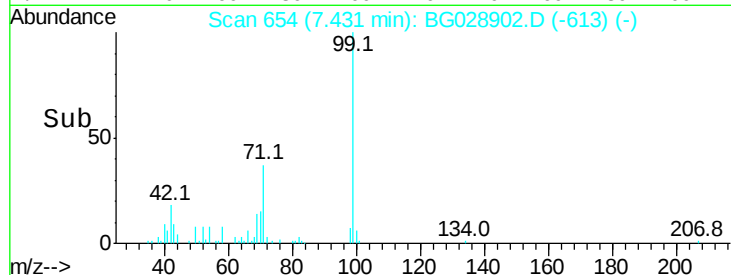
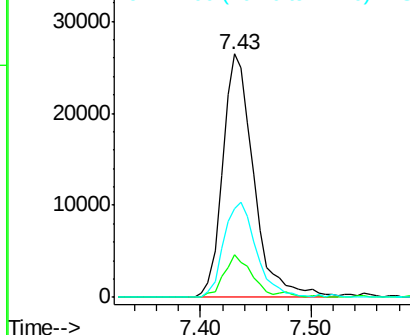
99 100

42 17.6 20.5 30.7#

71 36.6 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: 11.10 min Scan# 1278

Delta R.T. -0.05 min

Lab File: BG028902.D

Acq: 23 Sep 2017 17:38

Tgt Ion: 136 Resp: 91666

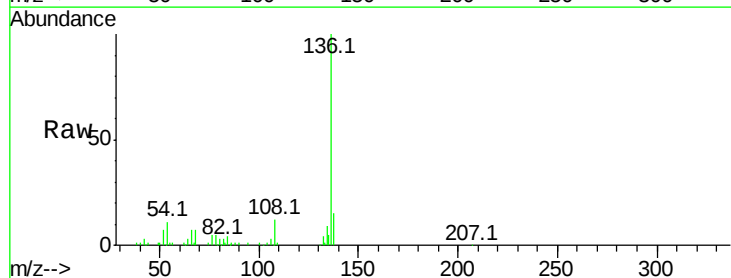
Ion Ratio Lower Upper

136 100

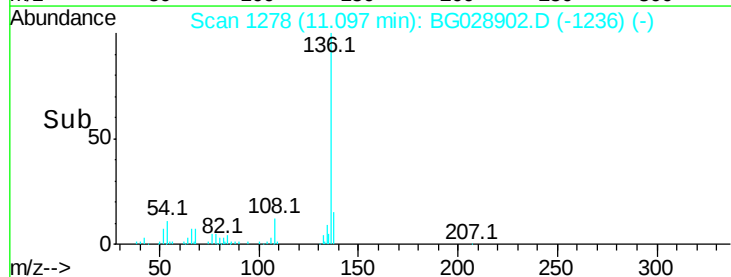
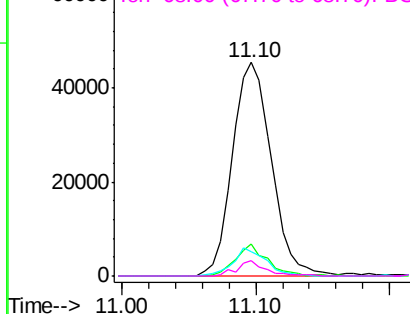
137 15.1 8.9 13.3#

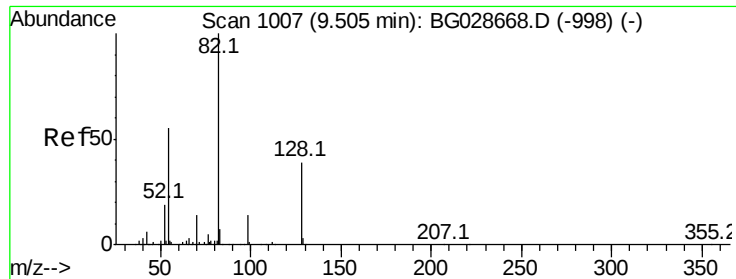
54 11.4 9.3 13.9

68 7.0 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: 96.147 ng

RT: 9.45 min Scan# 998

Delta R.T. -0.05 min

Lab File: BG028902.D

Acq: 23 Sep 2017 17:38

Instrument :

BNA_G

ClientSampleId :

091817-SIDI-F-D-M

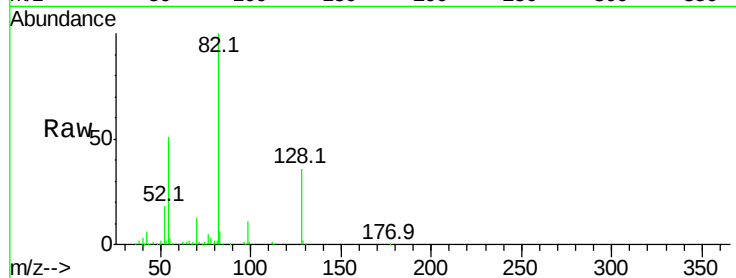
Tot Ion: 82 Resp: 184236

Ion Ratio Lower Upper

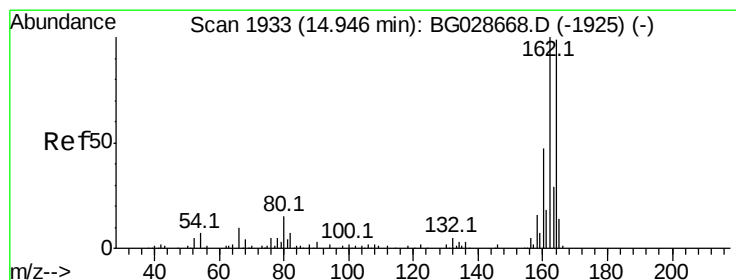
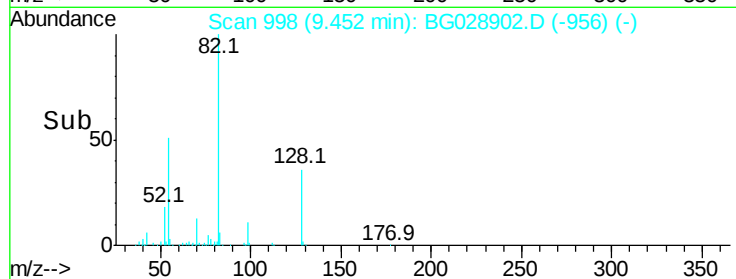
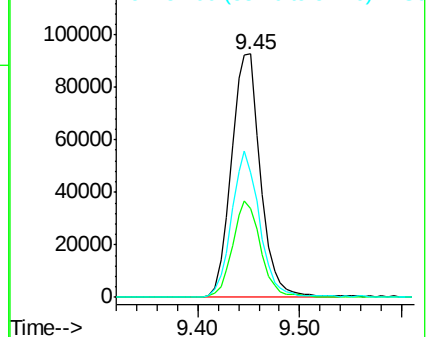
82 100

128 36.5 26.4 39.6

54 51.0 49.4 74.2



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: 14.89 min Scan# 1924

Delta R.T. -0.05 min

Lab File: BG028902.D

Acq: 23 Sep 2017 17:38

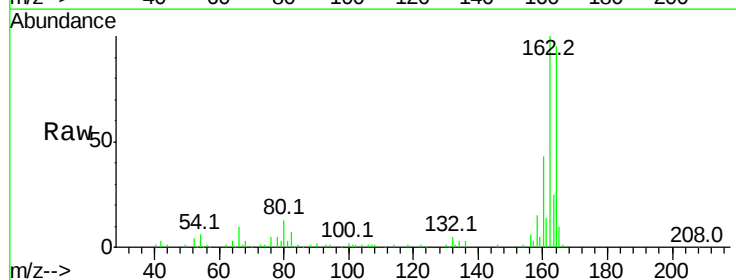
Tgt Ion: 164 Resp: 70845

Ion Ratio Lower Upper

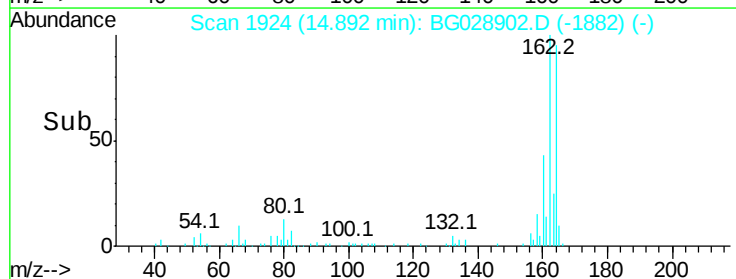
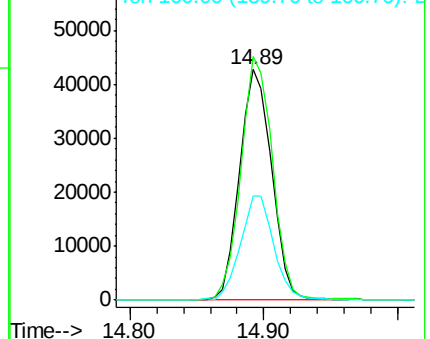
164 100

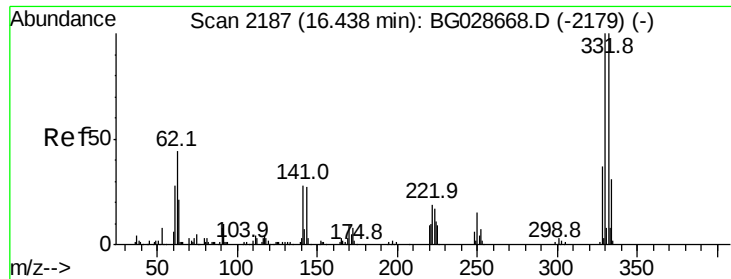
162 105.5 85.1 127.7

160 45.2 34.7 52.1



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

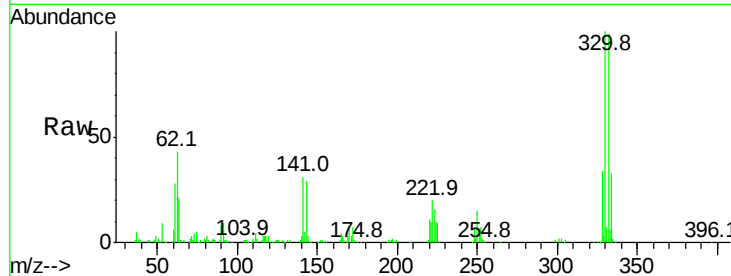




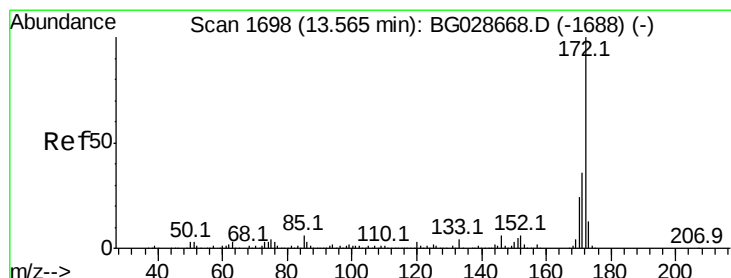
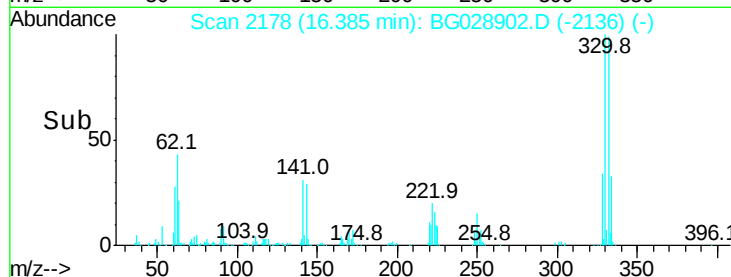
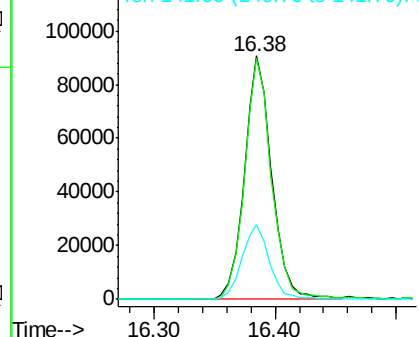
#41
 2,4,6-Tribromophenol
 Concen: 121.001 ng
 RT: 16.38 min Scan# 2178
 Delta R.T. -0.05 min
 Lab File: BG028902.D
 Acq: 23 Sep 2017 17:38

Instrument :
 BNA_G
 ClientSampleId :
 091817-SIDI-F-D-M

Tot Ion:330 Resp: 141781
 Ion Ratio Lower Upper
 330 100
 332 98.0 77.3 115.9
 141 30.9 32.1 48.1#

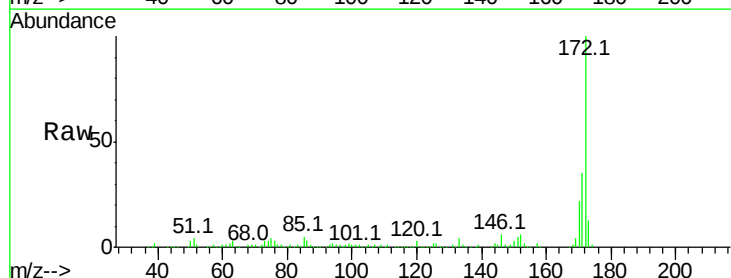


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

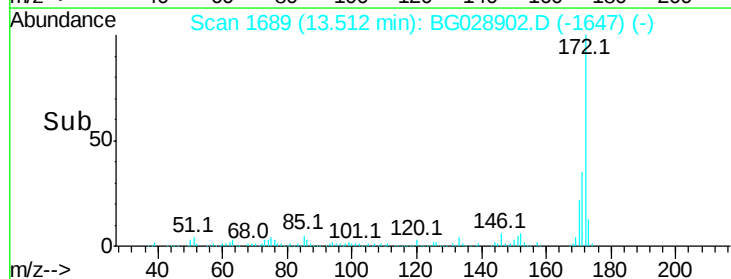
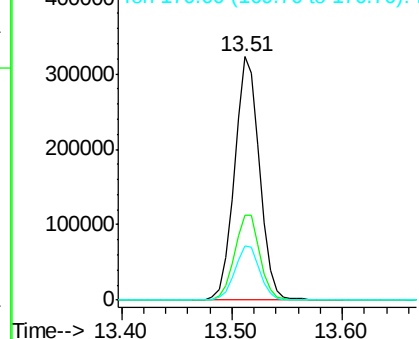


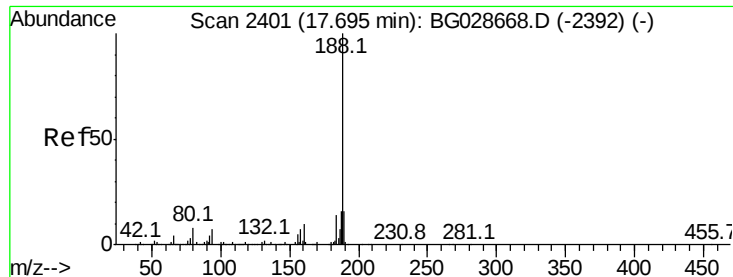
#44
 2-Fluorobiphenyl
 Concen: 96.196 ng
 RT: 13.51 min Scan# 1689
 Delta R.T. -0.05 min
 Lab File: BG028902.D
 Acq: 23 Sep 2017 17:38

Tgt Ion:172 Resp: 511091
 Ion Ratio Lower Upper
 172 100
 171 34.8 32.2 48.2
 170 22.4 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: 17.64 min Scan# 2392

Delta R.T. -0.05 min

Lab File: BG028902.D

Acq: 23 Sep 2017 17:38

Instrument :

BNA_G

ClientSampleId :

091817-SIDI-F-D-M

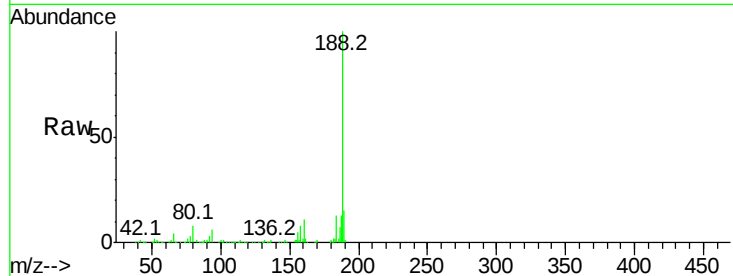
Tot Ion:188 Resp: 233527

Ion Ratio Lower Upper

188 100

94 6.2 5.8 8.8

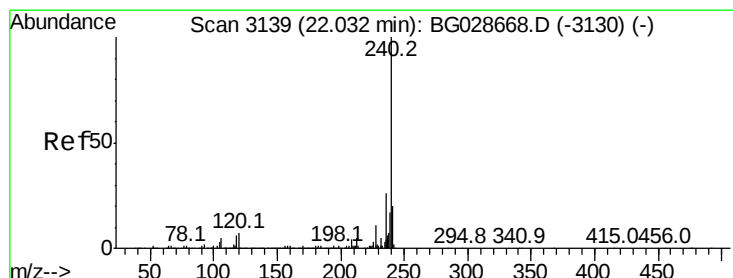
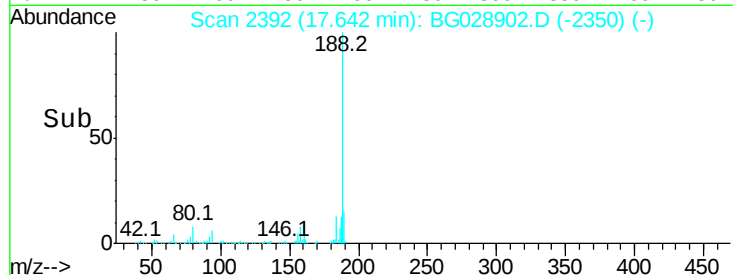
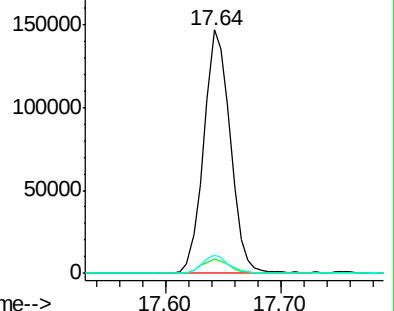
80 7.8 7.5 11.3



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.96 min Scan# 3127

Delta R.T. -0.07 min

Lab File: BG028902.D

Acq: 23 Sep 2017 17:38

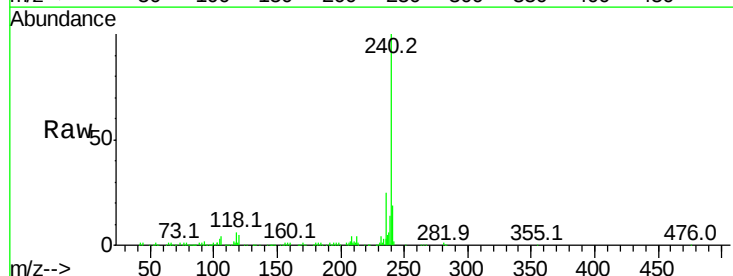
Tgt Ion:240 Resp: 279843

Ion Ratio Lower Upper

240 100

120 5.5 5.7 8.5#

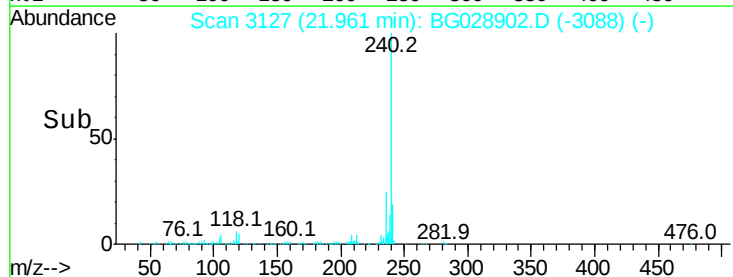
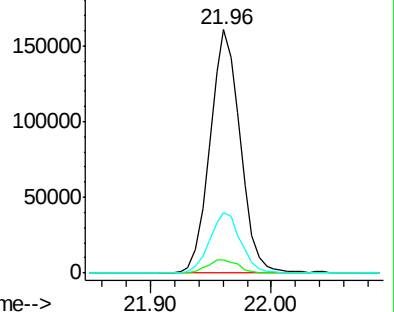
236 24.7 22.2 33.4

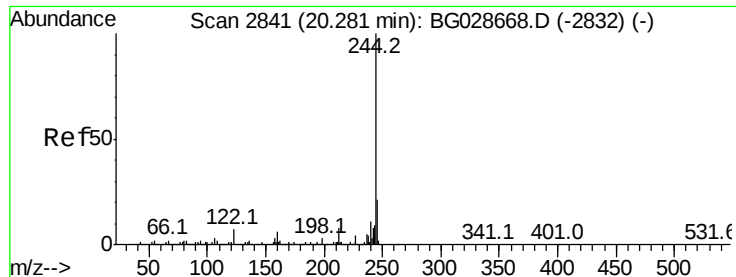


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 87.895 ng

RT: 20.23 min Scan# 2833

Delta R.T. -0.05 min

Lab File: BG028902.D

Acq: 23 Sep 2017 17:38

Instrument :

BNA_G

ClientSampleId :

091817-SIDI-F-D-M

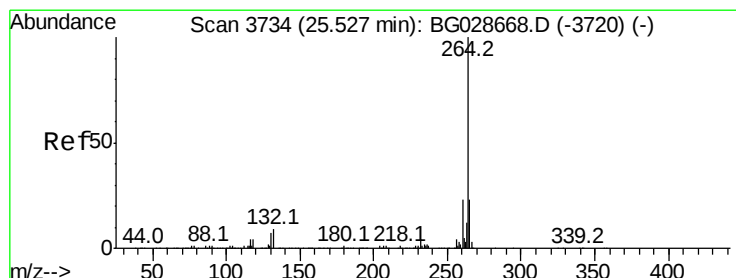
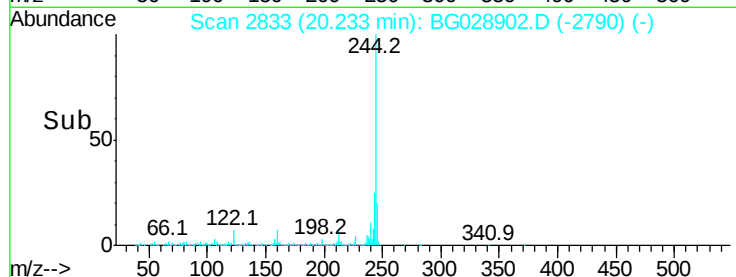
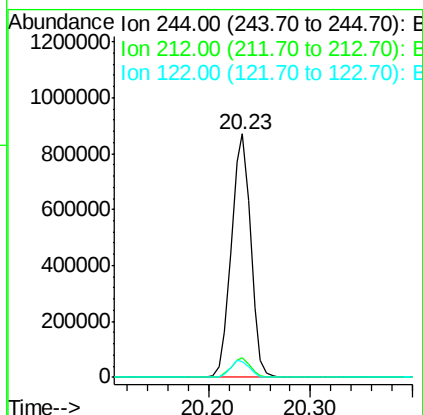
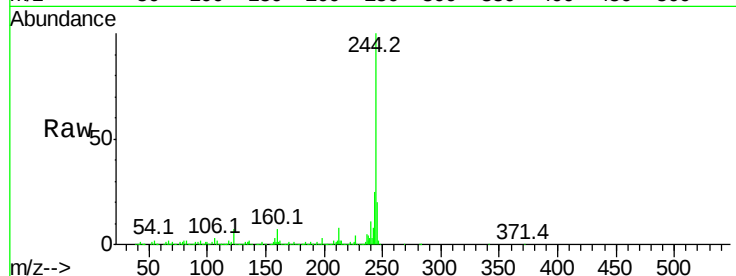
Tot Ion:244 Resp: 1153386

Ion Ratio Lower Upper

244 100

212 8.2 10.0 15.0#

122 6.6 8.6 12.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.42 min Scan# 3715

Delta R.T. -0.11 min

Lab File: BG028902.D

Acq: 23 Sep 2017 17:38

Tgt Ion:264 Resp: 292572

Ion Ratio Lower Upper

264 100

260 21.6 21.8 32.8#

265 20.5 18.2 27.4

