

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092317\
 Data File : BG028898.D
 Acq On : 23 Sep 2017 14:58
 Operator : SJ/JU
 Sample : I5297-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 091517-SIDI-E-U-B

Quant Time: Sep 25 02:19:30 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	29860	20.00	ng	-0.05
21) Naphthalene-d8	11.10	136	113925	20.00	ng	-0.05
38) Acenaphthene-d10	14.89	164	86377	20.00	ng	-0.05
63) Phenanthrene-d10	17.64	188	251891	20.00	ng	-0.05
75) Chrysene-d12	21.96	240	294856	20.00	ng	-0.07
86) Perylene-d12	25.41	264	304853	20.00	ng	-0.12
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	79929	44.17	ng	-0.05
7) Phenol-d6	7.44	99	72853	26.74	ng	-0.05
23) Nitrobenzene-d5	9.45	82	242641	101.89	ng	-0.06
41) 2,4,6-Tribromophenol	16.38	330	162126	113.48	ng	-0.05
44) 2-Fluorobiphenyl	13.52	172	654749	101.08	ng	-0.05
78) Terphenyl-d14	20.23	244	1295373	93.69	ng	-0.05

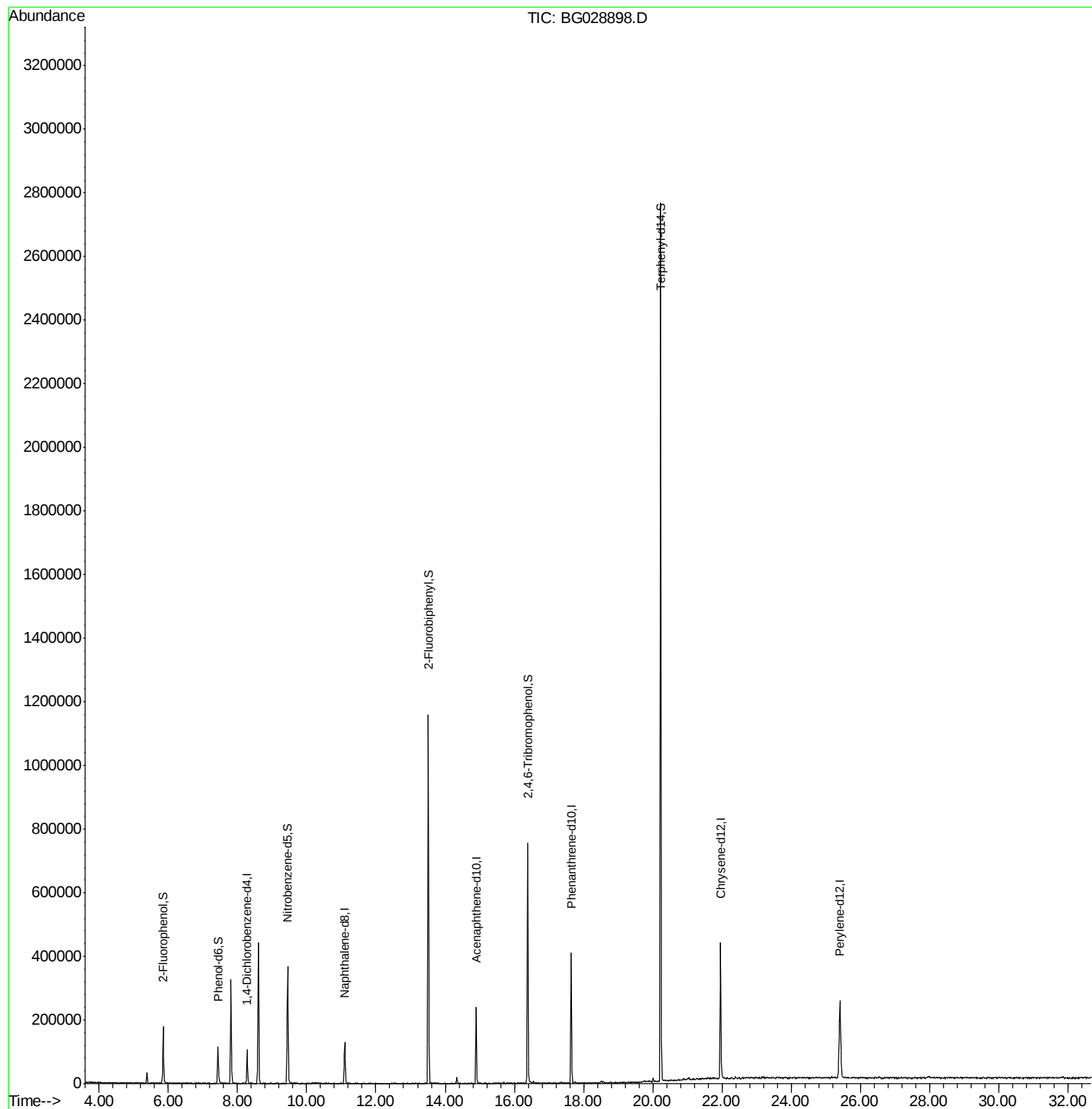
Target Compounds Qvalue

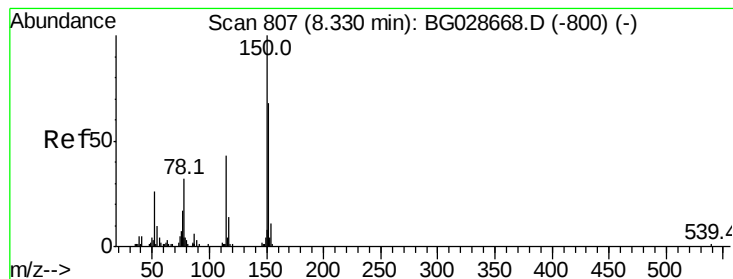
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092317\
Data File : BG028898.D
Acq On : 23 Sep 2017 14:58
Operator : SJ/JU
Sample : I5297-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
091517-SIDI-E-U-B

Quant Time: Sep 25 02:19:30 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# 798

Delta R.T. -0.05 min

Lab File: BG028898.D

Acq: 23 Sep 2017 14:58

Instrument :

BNA_G

ClientSampleId :

091517-SIDI-E-U-B

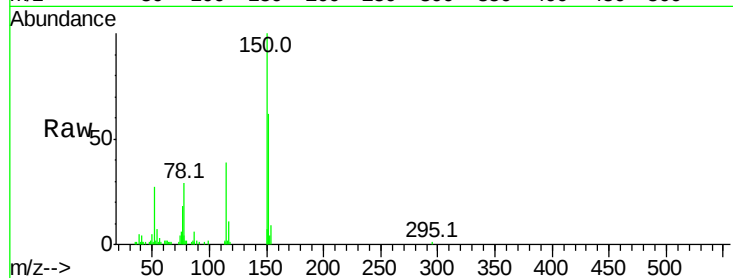
Tot Ion:152 Resp: 29860

Ion Ratio Lower Upper

152 100

150 161.4 114.0 171.0

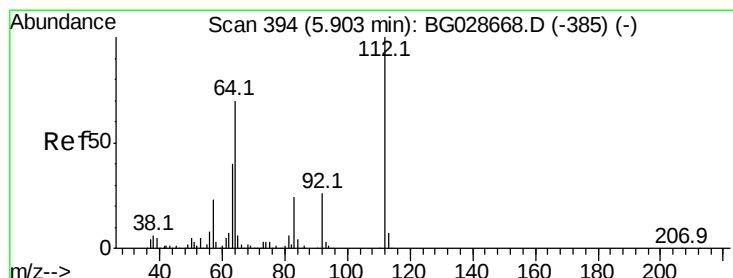
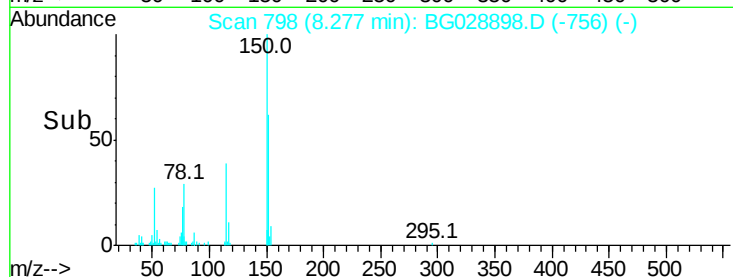
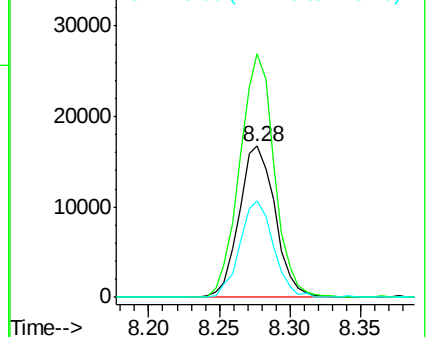
115 63.7 48.1 72.1



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: 44.168 ng

RT: 5.85 min Scan# 385

Delta R.T. -0.05 min

Lab File: BG028898.D

Acq: 23 Sep 2017 14:58

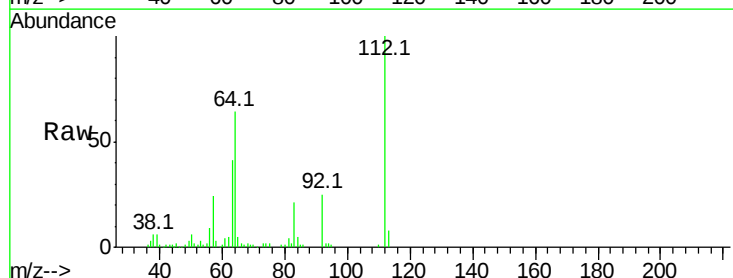
Tgt Ion:112 Resp: 79929

Ion Ratio Lower Upper

112 100

64 64.3 61.8 92.6

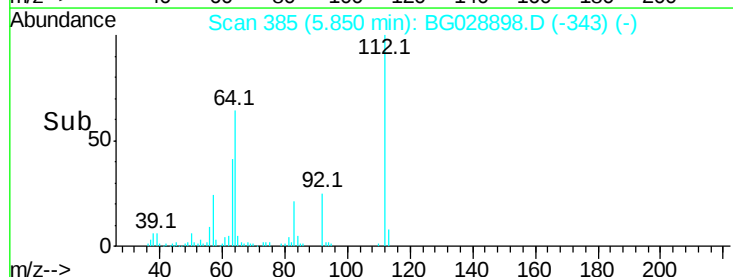
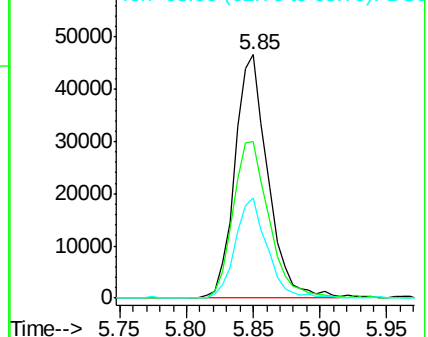
63 41.0 37.2 55.8



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: 26.739 ng

RT: 7.44 min Scan# 655

Delta R.T. -0.05 min

Lab File: BG028898.D

Acq: 23 Sep 2017 14:58

Instrument :

BNA_G

ClientSampleId :

091517-SIDI-E-U-B

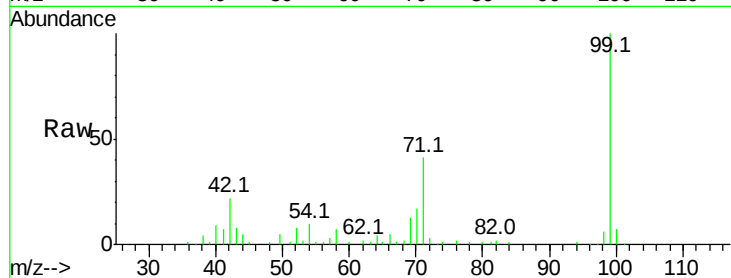
Tot Ion: 99 Resp: 72853

Ion Ratio Lower Upper

99 100

42 21.6 20.5 30.7

71 40.8 37.6 56.4

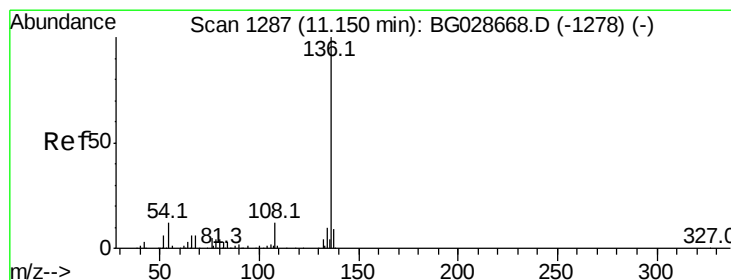
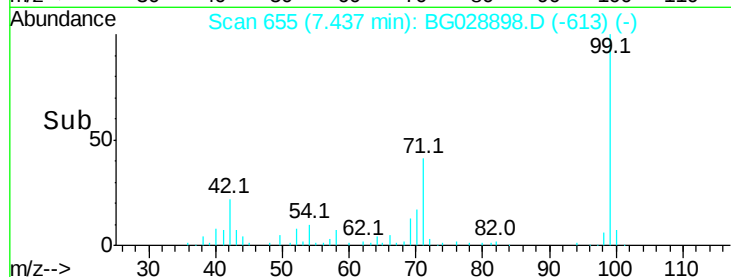
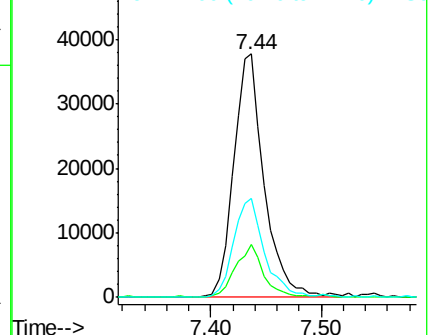


Abundance

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: BG028898.D

Acq: 23 Sep 2017 14:58

Tgt Ion: 136 Resp: 113925

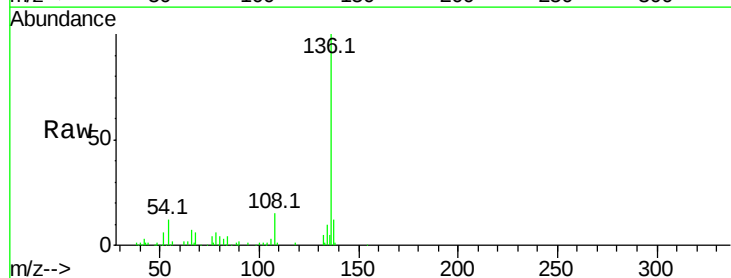
Ion Ratio Lower Upper

136 100

137 11.7 8.9 13.3

54 12.1 9.3 13.9

68 5.7 5.1 7.7



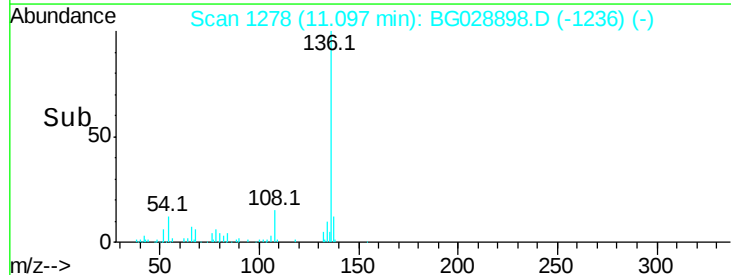
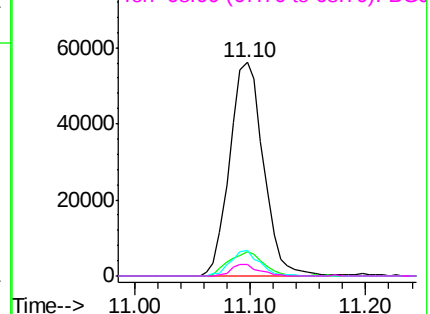
Abundance

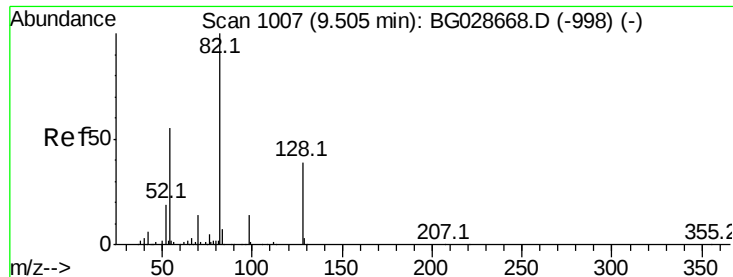
Ion 136.00 (135.70 to 136.70): BGC

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

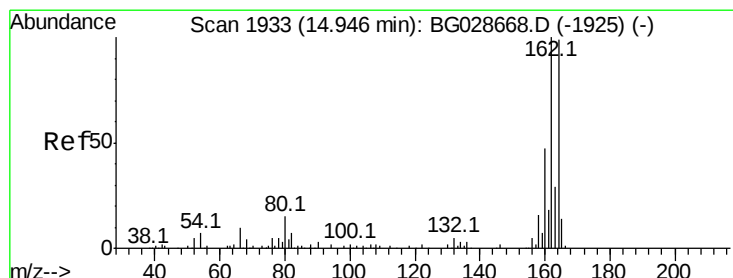
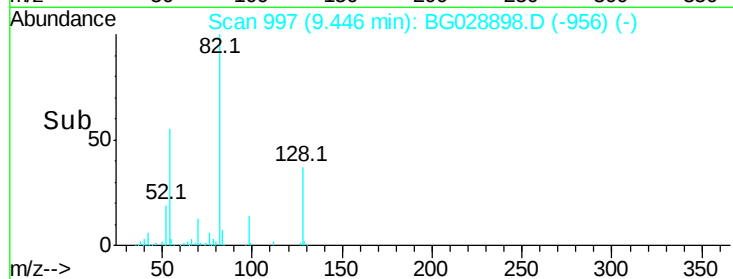
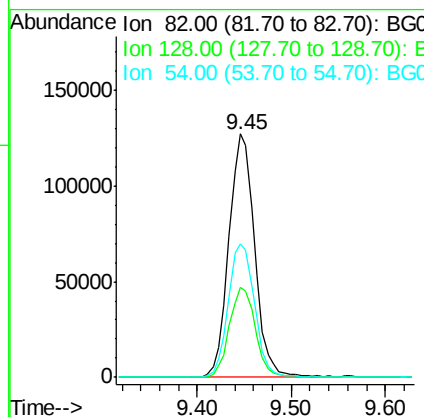
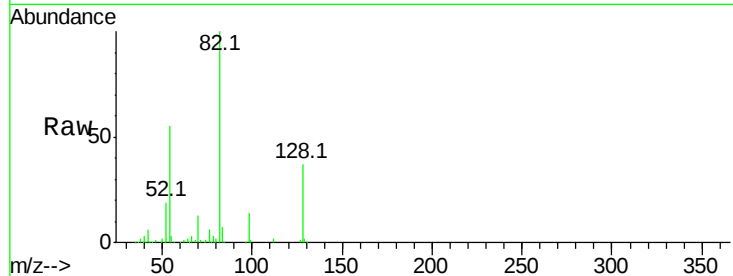




#23
Nitrobenzene-d5
Concen: 101.886 ng
RT: 9.45 min Scan# 997
Delta R.T. -0.06 min
Lab File: BG028898.D
Acq: 23 Sep 2017 14:58

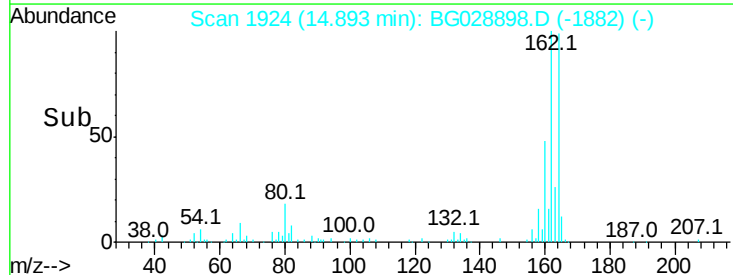
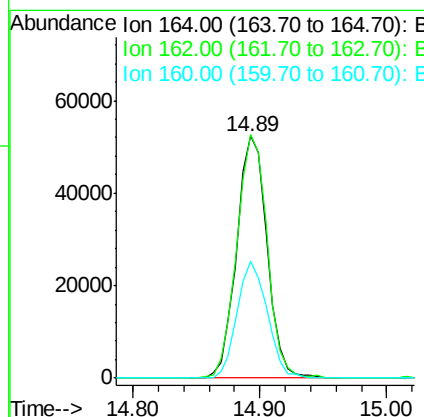
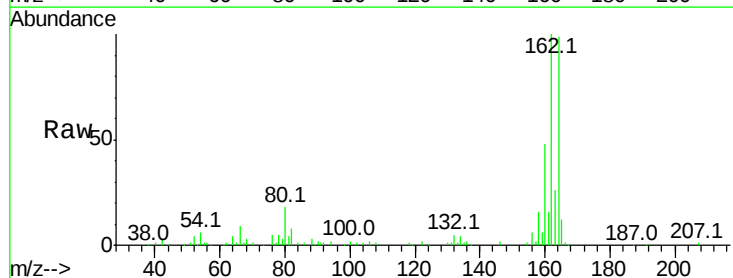
Instrument :
BNA_G
ClientSampleId :
091517-SIDI-E-U-B

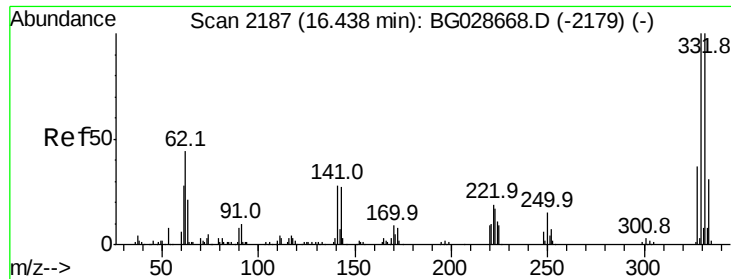
Tot Ion	82	Resp	242641
Ion	Ratio	Lower	Upper
82	100		
128	37.0	26.4	39.6
54	55.1	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.89 min Scan# 1924
Delta R.T. -0.05 min
Lab File: BG028898.D
Acq: 23 Sep 2017 14:58

Tgt Ion	164	Resp	86377
Ion	Ratio	Lower	Upper
164	100		
162	100.5	85.1	127.7
160	48.5	34.7	52.1

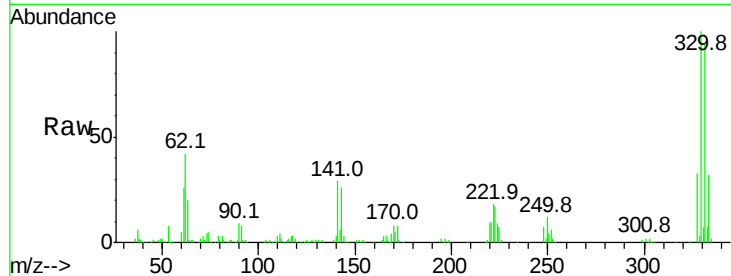




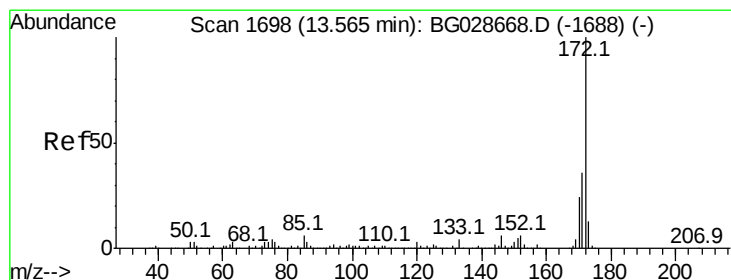
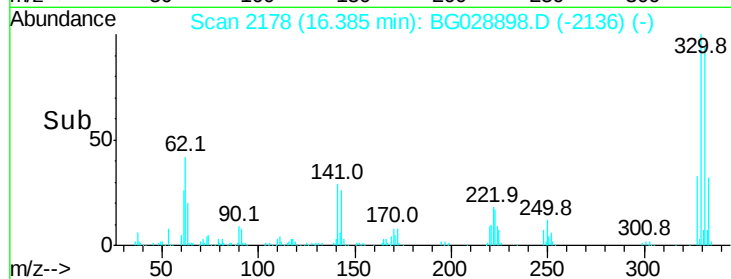
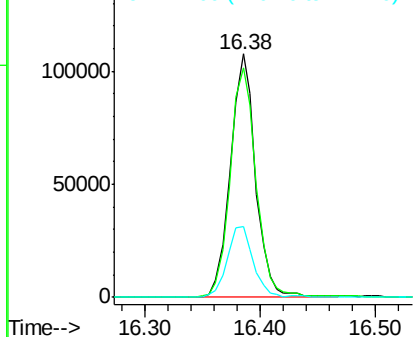
#41
 2,4,6-Tribromophenol
 Concen: 113.484 ng
 RT: 16.38 min Scan# 2178
 Delta R.T. -0.05 min
 Lab File: BG028898.D
 Acq: 23 Sep 2017 14:58

Instrument :
 BNA_G
 ClientSampleId :
 091517-SIDI-E-U-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.3	115.9
141	30.3	32.1	48.1#

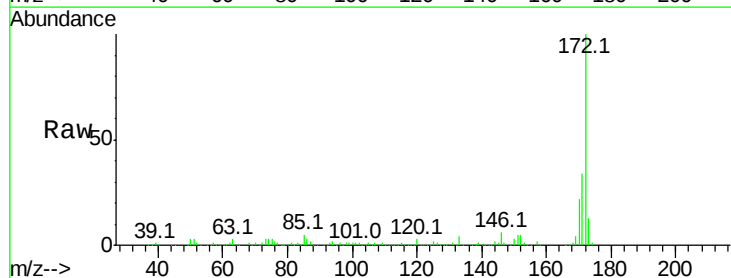


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

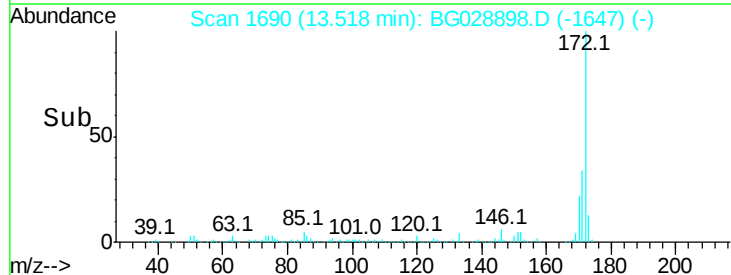
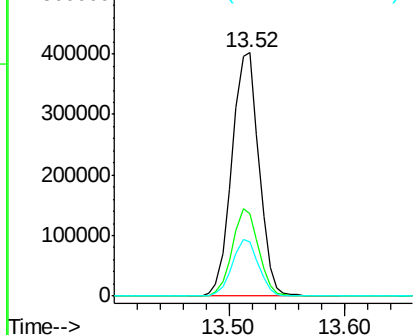


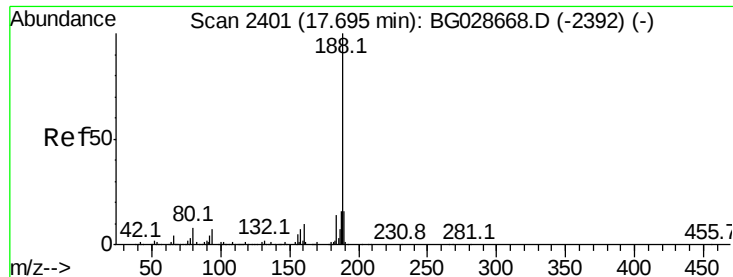
#44
 2-Fluorobiphenyl
 Concen: 101.075 ng
 RT: 13.52 min Scan# 1690
 Delta R.T. -0.05 min
 Lab File: BG028898.D
 Acq: 23 Sep 2017 14:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.1	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: BG028898.D

Acq: 23 Sep 2017 14:58

Instrument :

BNA_G

ClientSampleId :

091517-SIDI-E-U-B

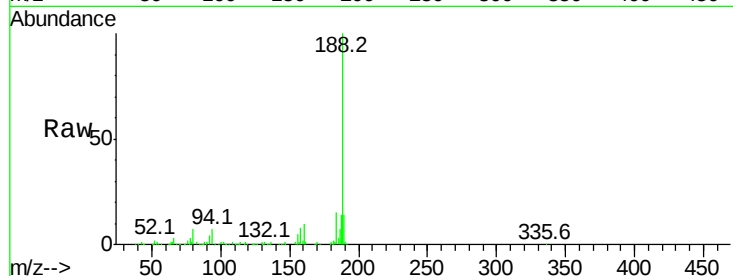
Tot Ion:188 Resp: 251891

Ion Ratio Lower Upper

188 100

94 7.0 5.8 8.8

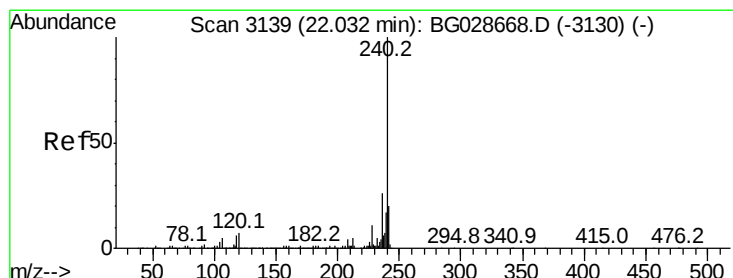
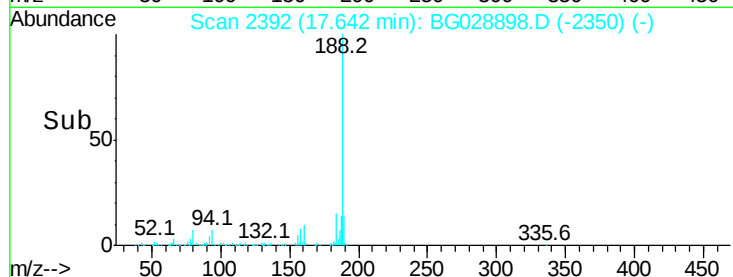
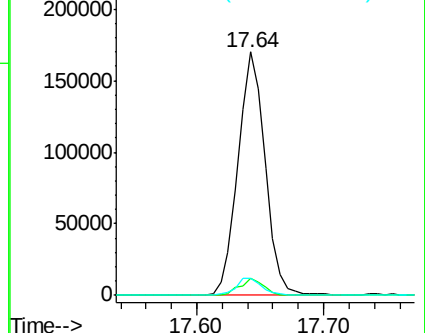
80 7.2 7.5 11.3#



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: BG028898.D

Acq: 23 Sep 2017 14:58

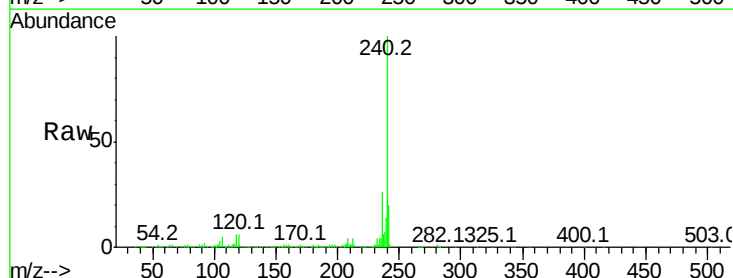
Tgt Ion:240 Resp: 294856

Ion Ratio Lower Upper

240 100

120 5.6 5.7 8.5#

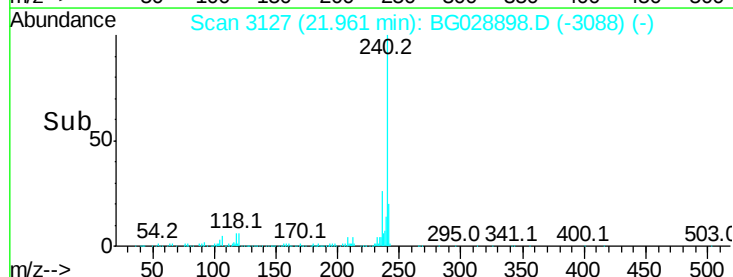
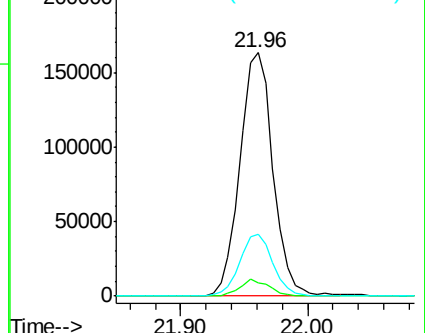
236 25.6 22.2 33.4

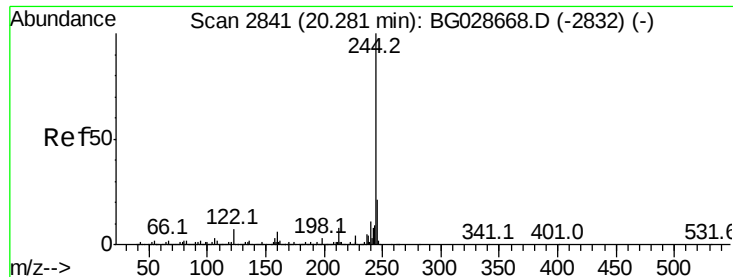


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 93.689 ng

RT: 20.23 min Scan# 2833

Delta R.T. -0.05 min

Lab File: BG028898.D

Acq: 23 Sep 2017 14:58

Instrument :

BNA_G

ClientSampleId :

091517-SIDI-E-U-B

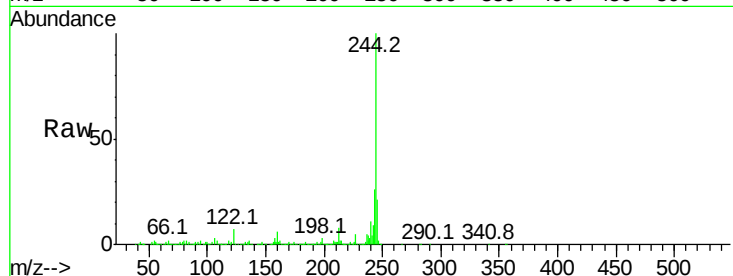
Tot Ion:244 Resp: 1295373

Ion Ratio Lower Upper

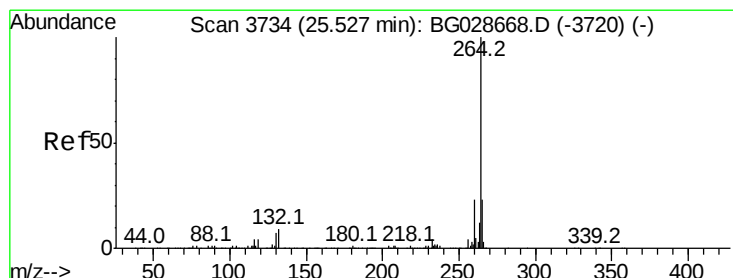
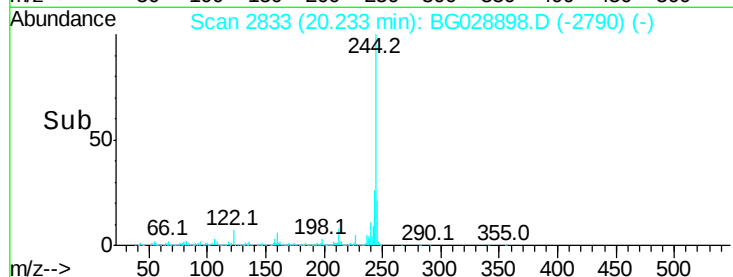
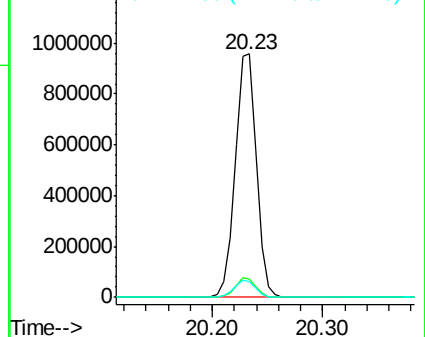
244 100

212 7.8 10.0 15.0#

122 6.5 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: 25.41 min Scan# 3714

Delta R.T. -0.12 min

Lab File: BG028898.D

Acq: 23 Sep 2017 14:58

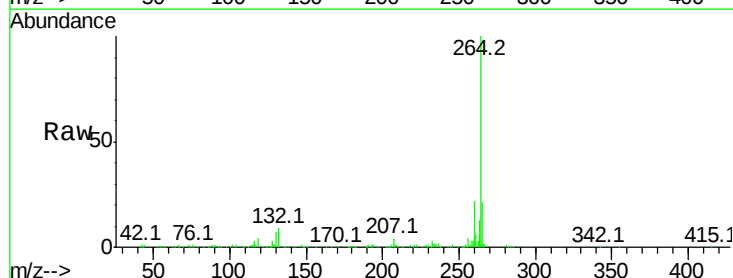
Tgt Ion:264 Resp: 304853

Ion Ratio Lower Upper

264 100

260 22.3 21.8 32.8

265 20.6 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

