

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092517\
 Data File : BG028936.D
 Acq On : 26 Sep 2017 9:51
 Operator : SJ/JU
 Sample : I5385-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 092117-SIDI-F-D-M

Quant Time: Sep 26 12:11:59 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 26 12:06:14 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	23385	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	92698	20.00	ng	0.00
38) Acenaphthene-d10	14.89	164	68433	20.00	ng	0.00
63) Phenanthrene-d10	17.64	188	222442	20.00	ng	0.00
75) Chrysene-d12	21.96	240	265046	20.00	ng	0.00
86) Perylene-d12	25.42	264	274527	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.84	112	69996	49.39	ng	0.00
7) Phenol-d6	7.43	99	59114	27.70	ng	0.00
23) Nitrobenzene-d5	9.45	82	213678	110.27	ng	0.00
41) 2,4,6-Tribromophenol	16.38	330	146752	129.66	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	567174	110.51	ng	0.00
78) Terphenyl-d14	20.23	244	1314884	105.80	ng	0.00

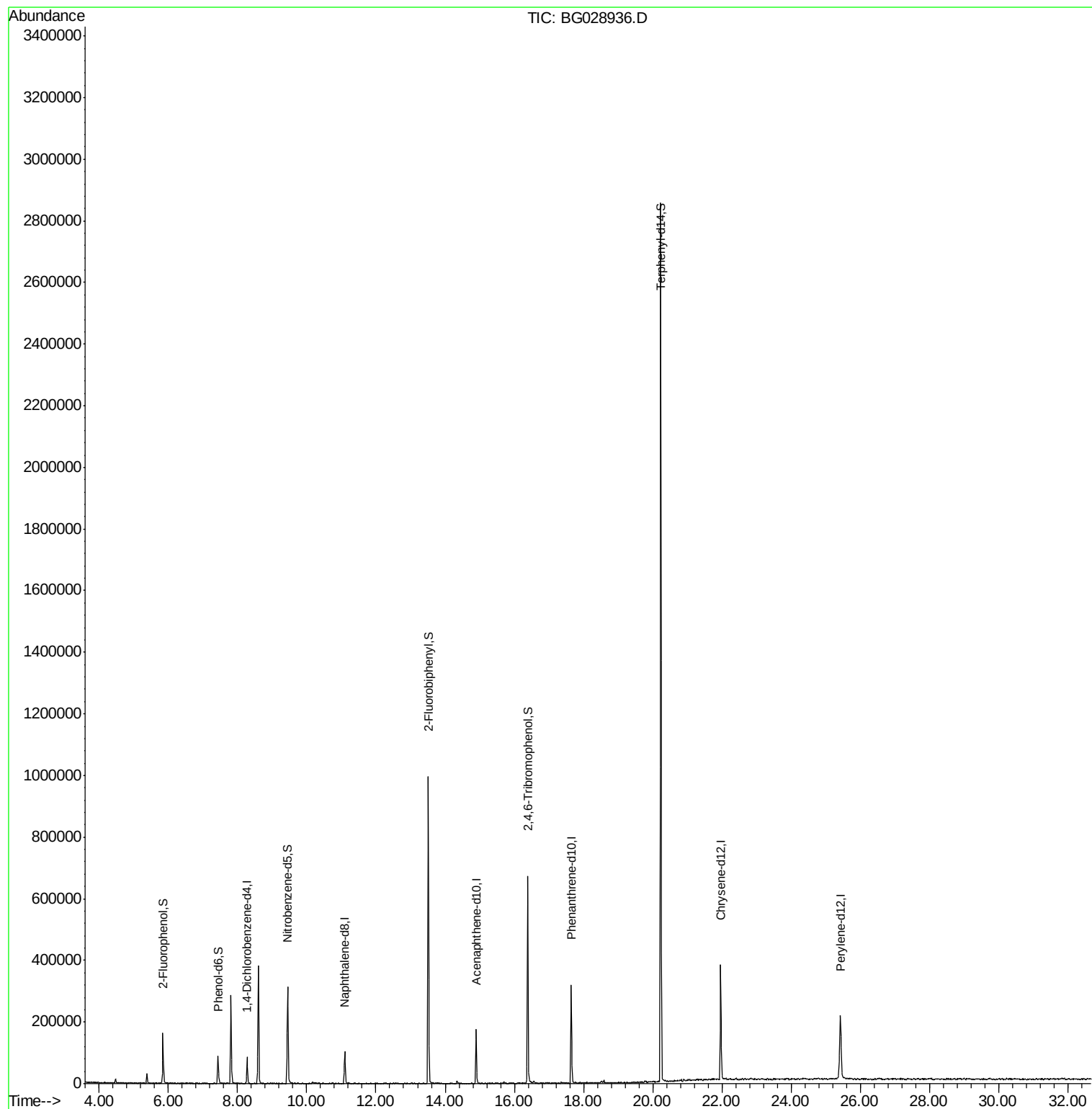
Target Compounds Qvalue

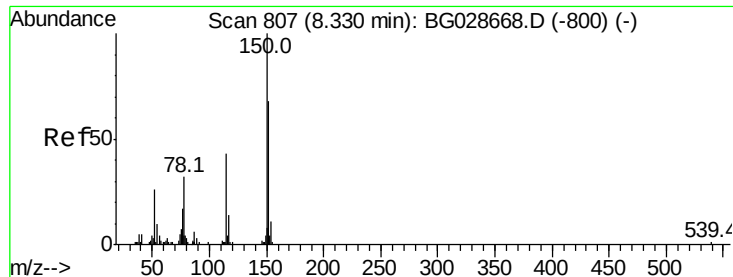
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.28 min Scan# 798

Delta R.T. -0.01 min

Lab File: BG028936.D

Acq: 26 Sep 2017 9:51

Instrument :

BNA_G

ClientSampleId :

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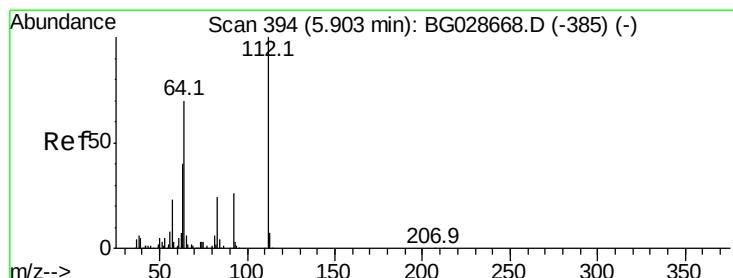
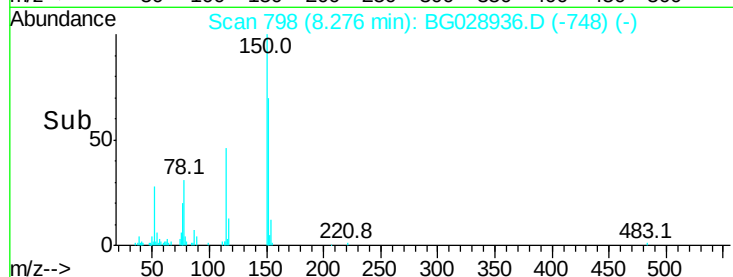
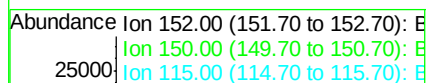
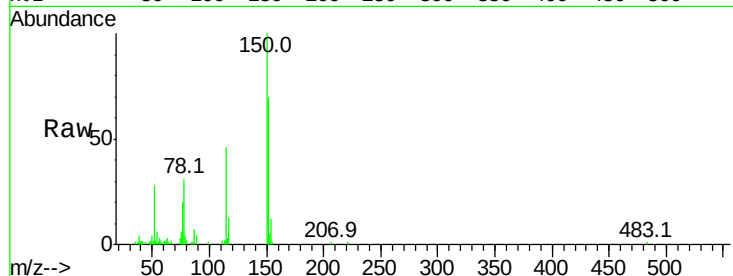
Tot Ion:152 Resp: 23385

Ion Ratio Lower Upper

152 100

150 143.4 114.0 171.0

115 66.6 48.1 72.1



#5

2-Fluorophenol

Concen: 49.389 ng

RT: 5.84 min Scan# 384

Delta R.T. 0.00 min

Lab File: BG028936.D

Acq: 26 Sep 2017 9:51

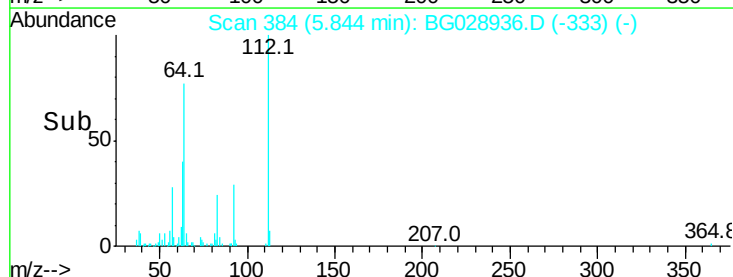
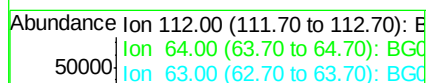
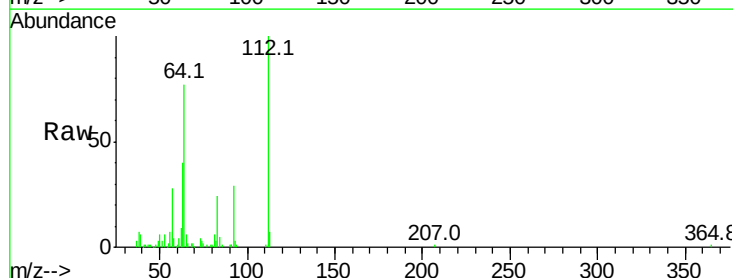
Tgt Ion:112 Resp: 69996

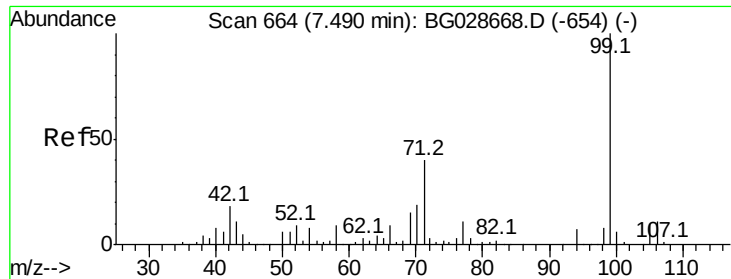
Ion Ratio Lower Upper

112 100

64 77.2 61.8 92.6

63 39.9 37.2 55.8





#7

Phenol-d6

Concen: 27.703 ng

RT: 7.43 min Scan# 654

Delta R.T. -0.01 min

Lab File: BG028936.D

Acq: 26 Sep 2017 9:51

Instrument :

BNA_G

ClientSampleId :

092117-SIDI-F-D-M

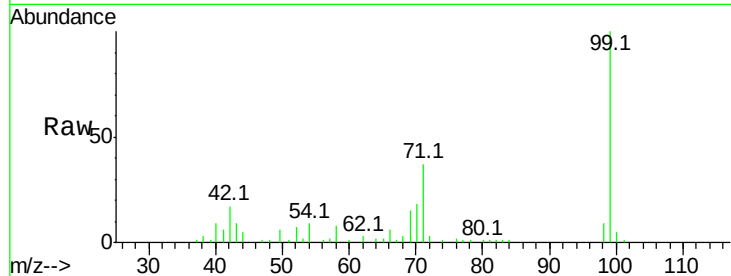
Tot Ion: 99 Resp: 59114

Ion Ratio Lower Upper

99 100

42 17.0 20.5 30.7#

71 37.4 37.6 56.4#

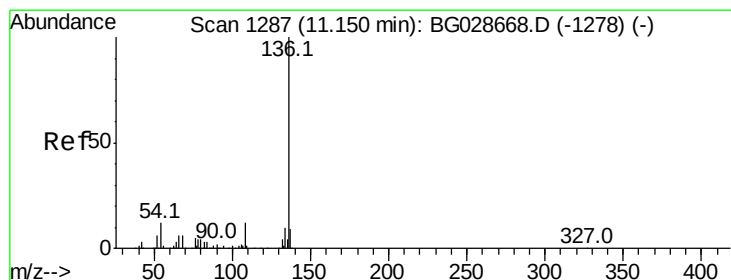
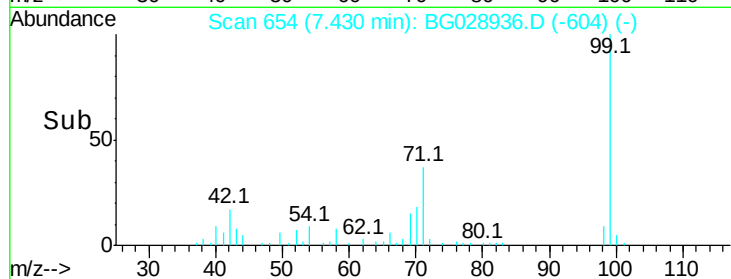
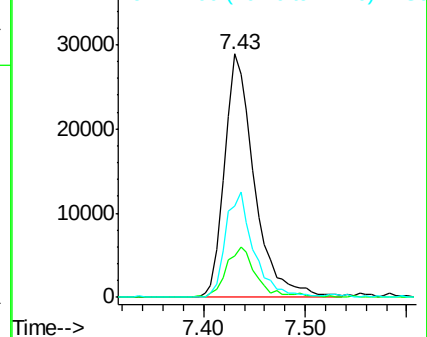


Abundance

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. 0.00 min

Lab File: BG028936.D

Acq: 26 Sep 2017 9:51

Tgt Ion: 136 Resp: 92698

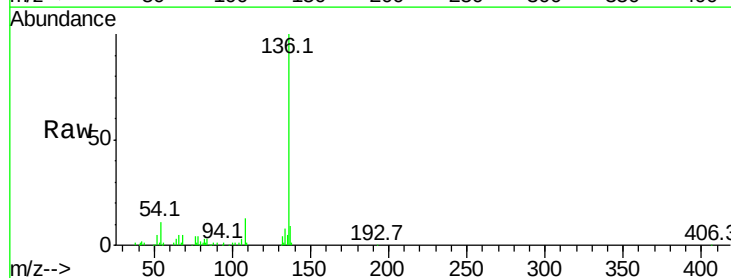
Ion Ratio Lower Upper

136 100

137 9.3 8.9 13.3

54 10.9 9.3 13.9

68 5.3 5.1 7.7



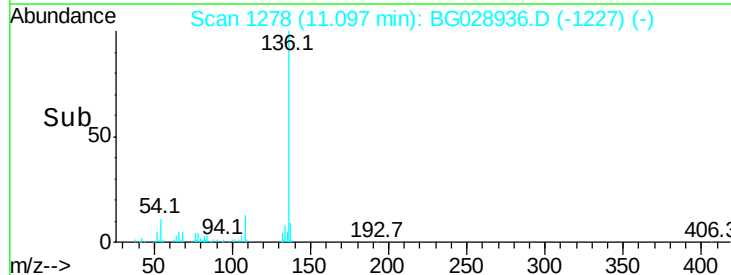
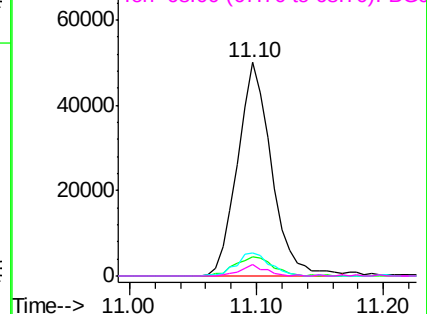
Abundance

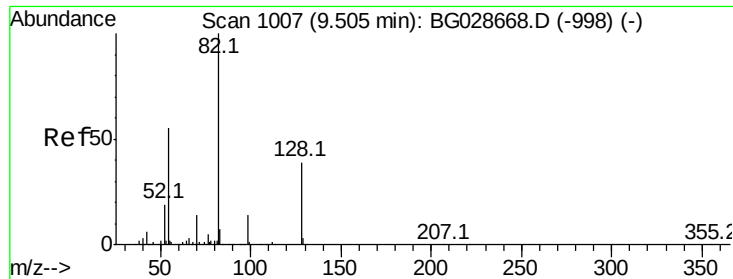
Ion 136.00 (135.70 to 136.70): BGC

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

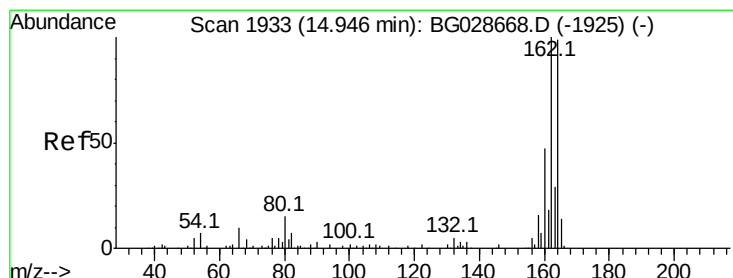
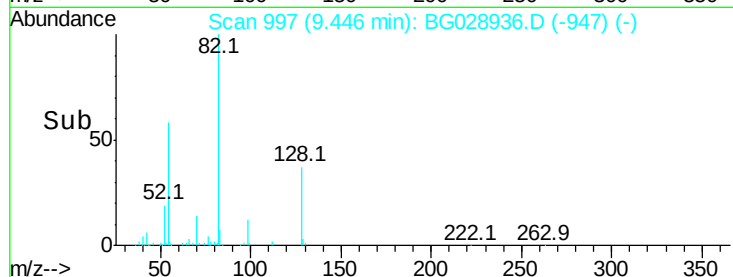
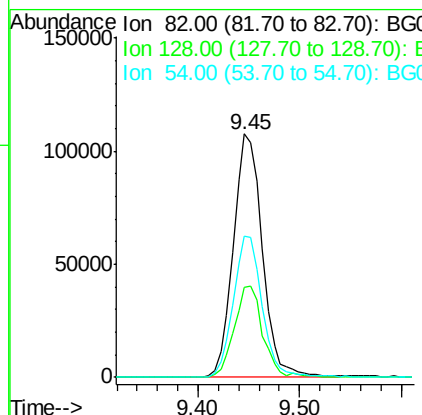
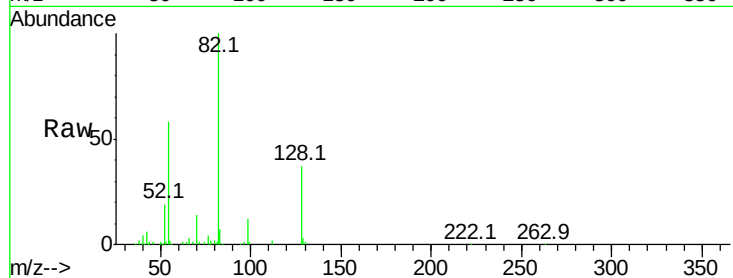




#23
Nitrobenzene-d5
Concen: 110.270 ng
RT: 9.45 min Scan# 997
Delta R.T. -0.01 min
Lab File: BG028936.D
Acq: 26 Sep 2017 9:51

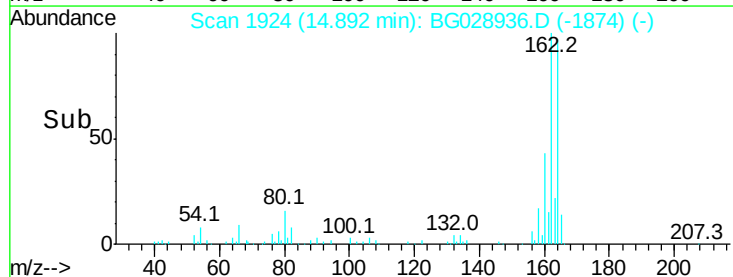
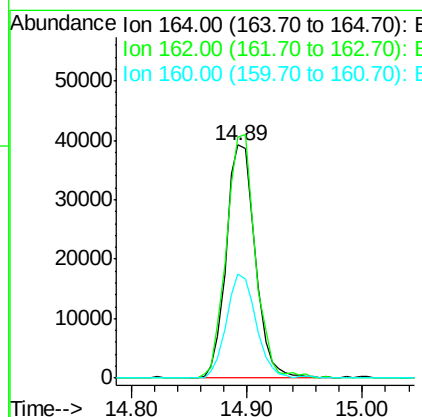
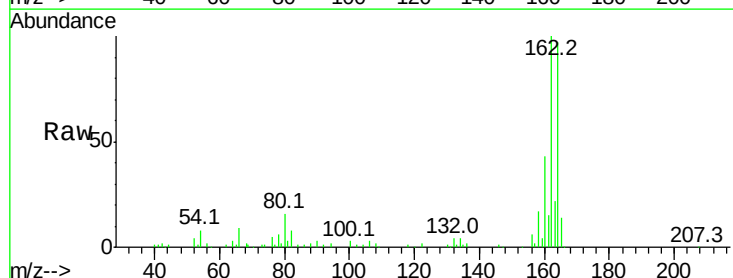
Instrument :
BNA_G
ClientSampleId :
092117-SIDI-F-D-M

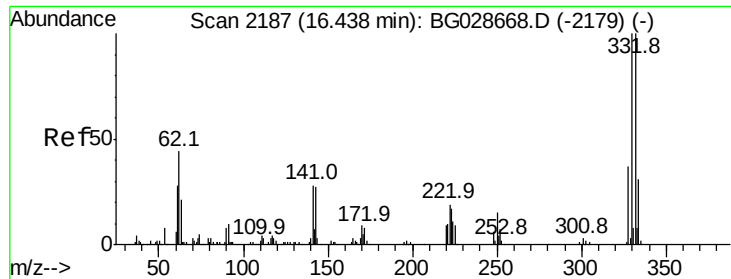
Tot Ion	82	Resp	213678
Ion Ratio	Lower	Upper	
82	100		
128	36.7	26.4	39.6
54	57.8	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.89 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BG028936.D
Acq: 26 Sep 2017 9:51

Tgt Ion	164	Resp	68433
Ion Ratio	Lower	Upper	
164	100		
162	103.3	85.1	127.7
160	44.7	34.7	52.1





#41

2,4,6-Tribromophenol

Concen: 129.658 ng

RT: 16.38 min Scan# 2178

Delta R.T. -0.01 min

Lab File: BG028936.D

Acq: 26 Sep 2017 9:51

Instrument :

BNA_G

ClientSampleId :

092117-SIDI-F-D-M

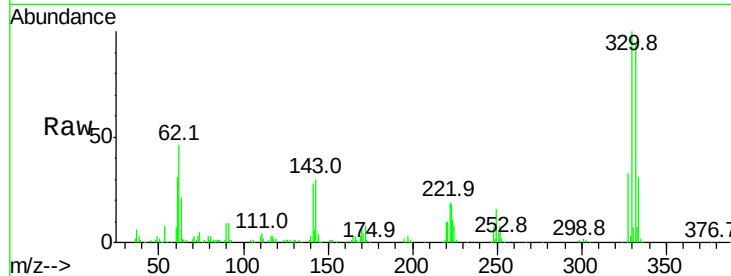
Tot Ion:330 Resp: 146752

Ion Ratio Lower Upper

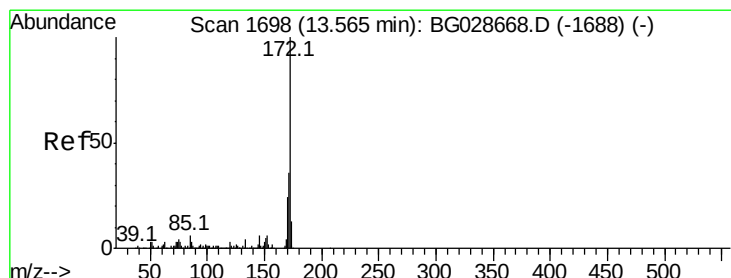
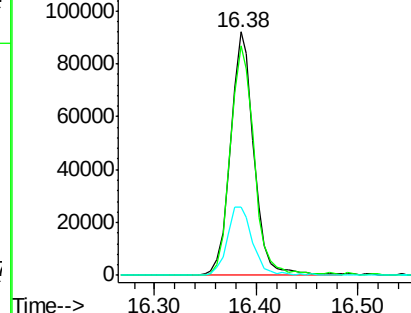
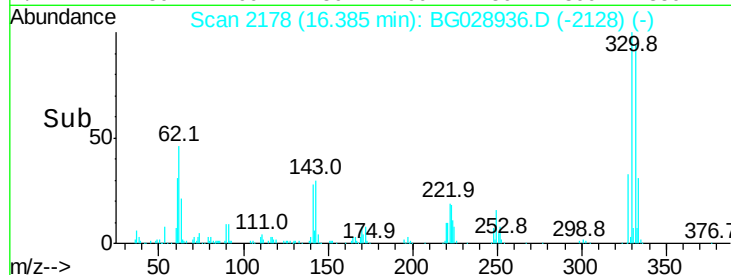
330 100

332 95.6 77.3 115.9

141 30.4 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: 110.514 ng

RT: 13.51 min Scan# 1689

Delta R.T. -0.01 min

Lab File: BG028936.D

Acq: 26 Sep 2017 9:51

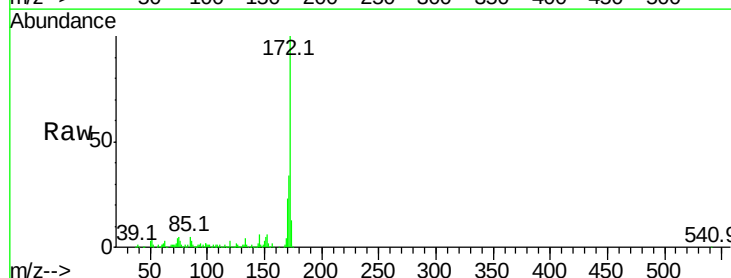
Tgt Ion:172 Resp: 567174

Ion Ratio Lower Upper

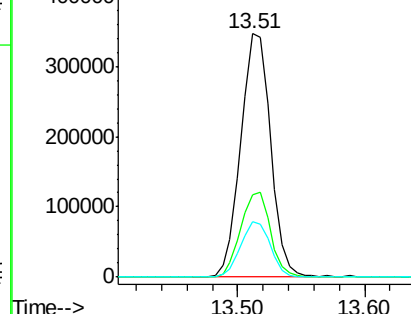
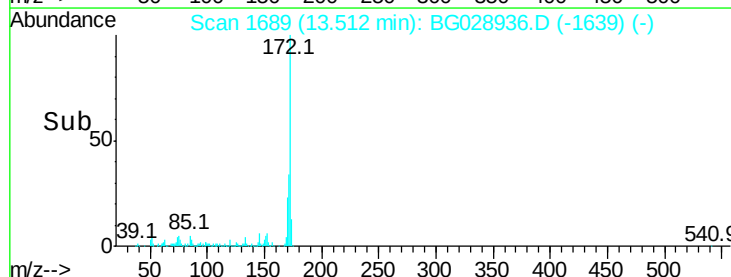
172 100

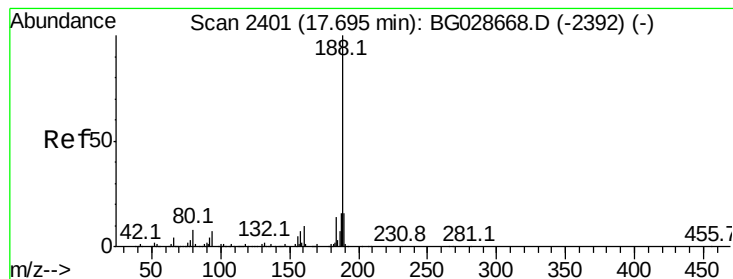
171 34.0 32.2 48.2

170 22.5 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. -0.01 min

Lab File: BG028936.D

Acq: 26 Sep 2017 9:51

Instrument :

BNA_G

ClientSampleId :

092117-SIDI-F-D-M

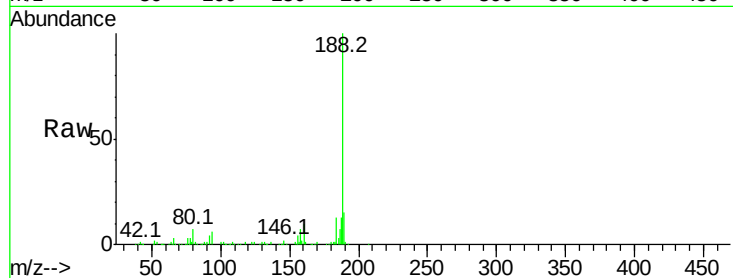
Tot Ion:188 Resp: 222442

Ion Ratio Lower Upper

188 100

94 6.1 5.8 8.8

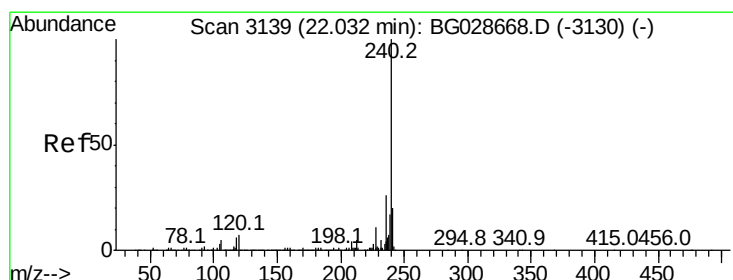
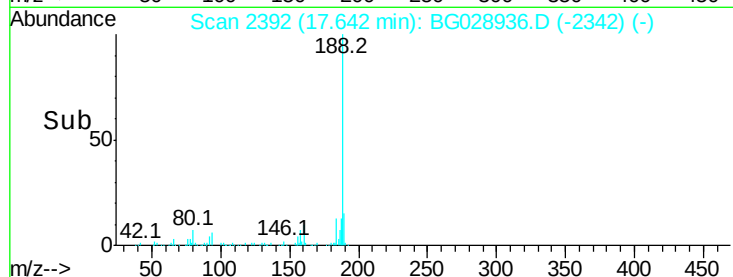
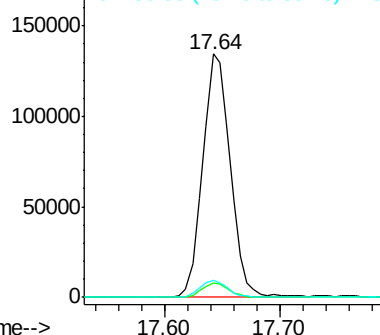
80 7.0 7.5 11.3#



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. -0.01 min

Lab File: BG028936.D

Acq: 26 Sep 2017 9:51

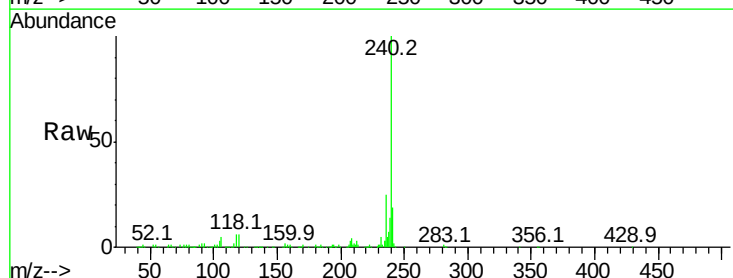
Tgt Ion:240 Resp: 265046

Ion Ratio Lower Upper

240 100

120 6.0 5.7 8.5

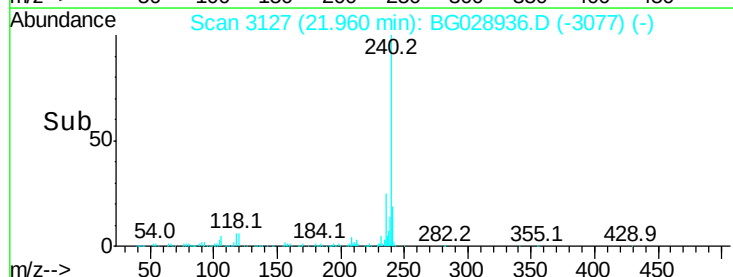
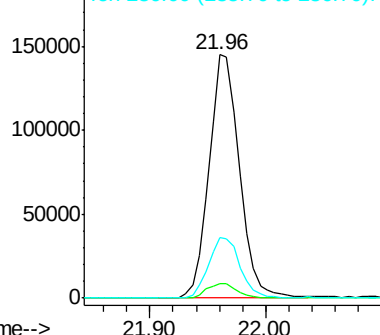
236 25.0 22.2 33.4

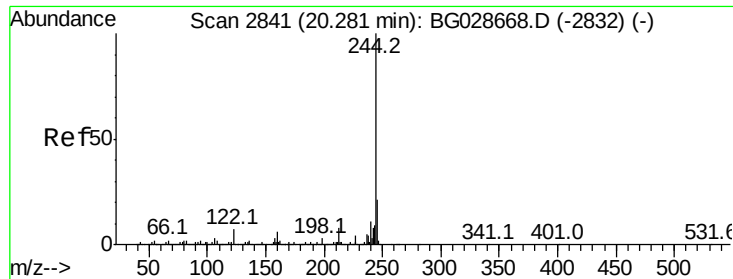


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 105.796 ng

RT: 20.23 min Scan# 2833

Delta R.T. 0.00 min

Lab File: BG028936.D

Acq: 26 Sep 2017 9:51

Instrument :

BNA_G

ClientSampleId :

092117-SIDI-F-D-M

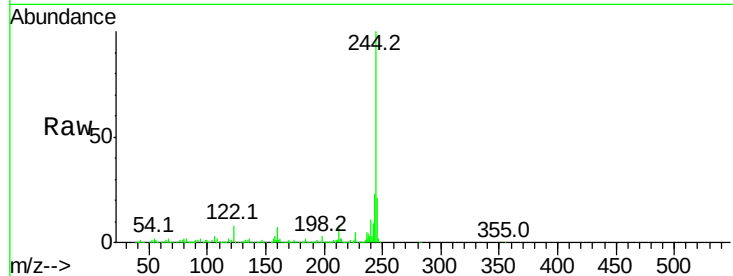
Tot Ion:244 Resp: 1314884

Ion Ratio Lower Upper

244 100

212 8.5 10.0 15.0#

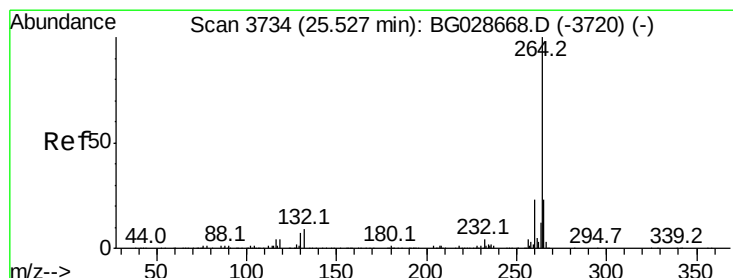
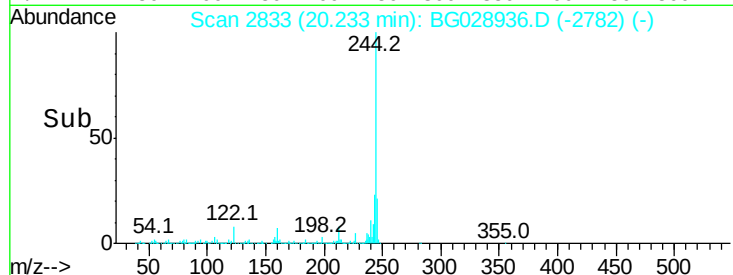
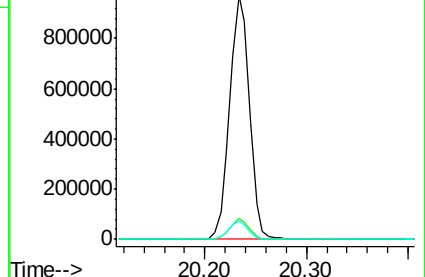
122 7.5 8.6 12.8#



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: 25.42 min Scan# 3716

Delta R.T. 0.01 min

Lab File: BG028936.D

Acq: 26 Sep 2017 9:51

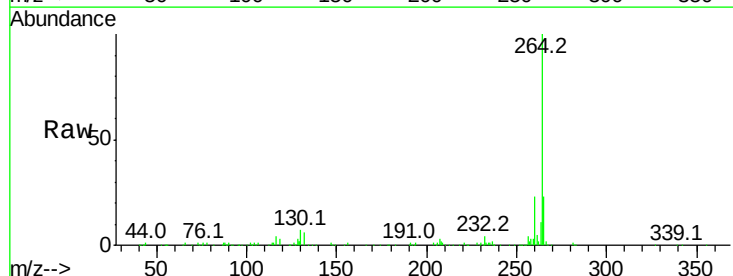
Tgt Ion:264 Resp: 274527

Ion Ratio Lower Upper

264 100

260 23.3 21.8 32.8

265 23.0 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

