

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
 Data File : BF098768.D
 Acq On : 24 Sep 2017 5:58
 Operator : SJ/JU
 Sample : I5298-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 091817-SIDI-F-U-B

Quant Time: Sep 25 08:36:50 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

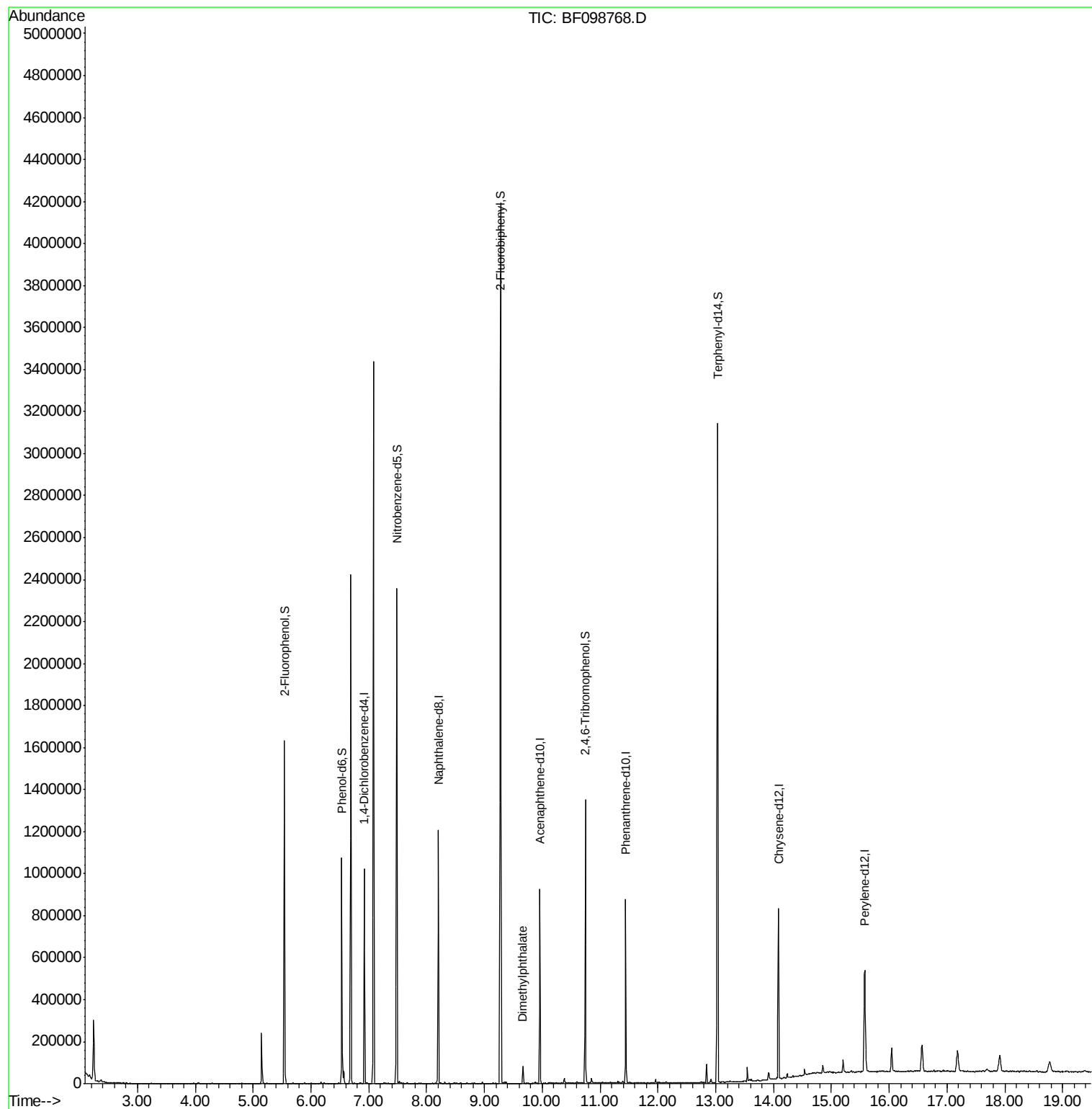
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	139004	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	486585	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	175014	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	273474	20.00	ng	0.00
75) Chrysene-d12	14.09	240	266794	20.00	ng	0.00
86) Perylene-d12	15.58	264	211423	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	415607	47.60	ng	0.00
7) Phenol-d6	6.53	99	324622	30.14	ng	-0.01
23) Nitrobenzene-d5	7.49	82	815094	107.43	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	124715	87.09	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	1277697	121.88	ng	0.00
78) Terphenyl-d14	13.03	244	927221	79.04	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.67	163	32400	2.453	ng	99

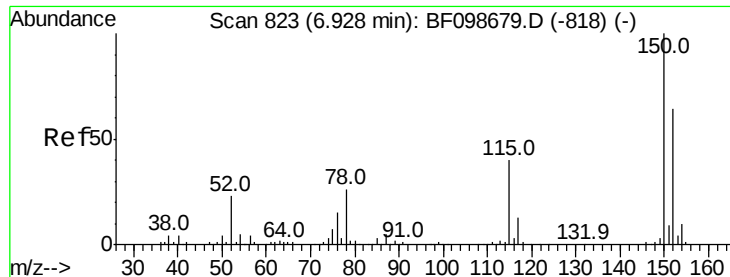
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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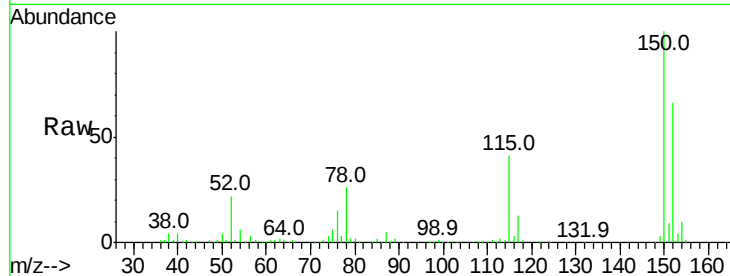


#1

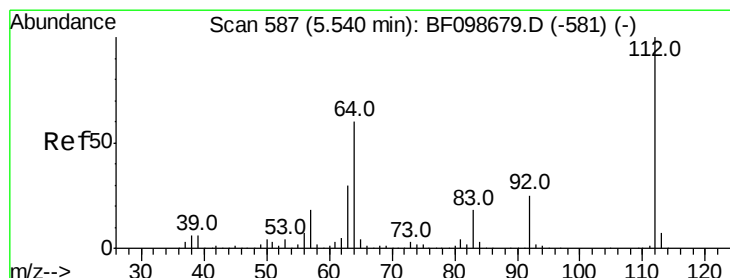
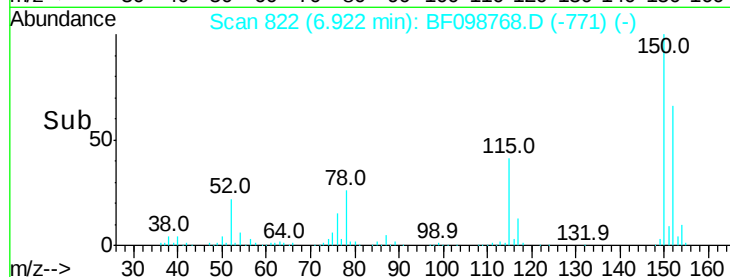
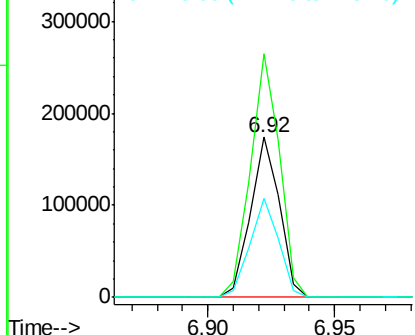
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.92 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BF098768.D
 Acq: 24 Sep 2017 5:58

Instrument :
 BNA_F
 ClientSampleId :
 091817-SIDI-F-U-B

Tot Ion:152 Resp: 139004
 Ion Ratio Lower Upper
 152 100
 150 151.9 124.6 186.8
 115 61.8 50.1 75.1



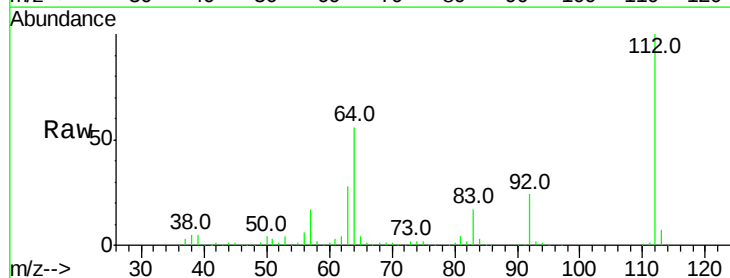
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



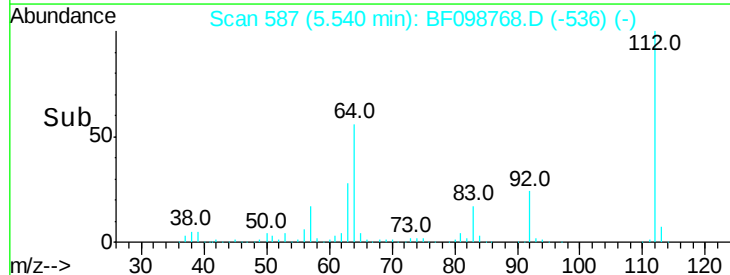
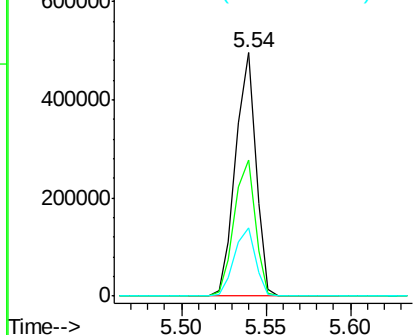
#5

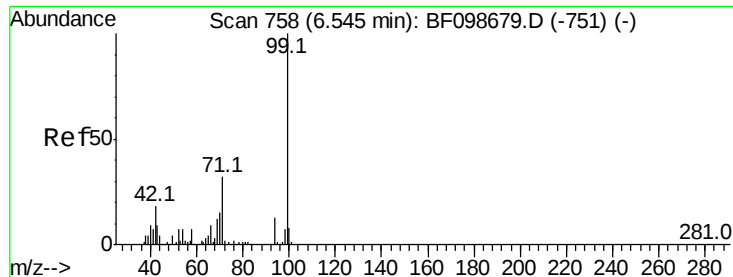
2-Fluorophenol
 Concen: 47.596 ng
 RT: 5.54 min Scan# 587
 Delta R.T. -0.00 min
 Lab File: BF098768.D
 Acq: 24 Sep 2017 5:58

Tgt Ion:112 Resp: 415607
 Ion Ratio Lower Upper
 112 100
 64 56.1 47.9 71.9
 63 27.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 30.136 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF098768.D

Acq: 24 Sep 2017 5:58

Instrument :

BNA_F

ClientSampleId :

091817-SIDI-F-U-B

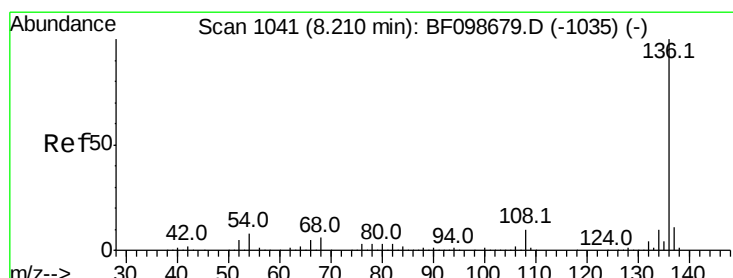
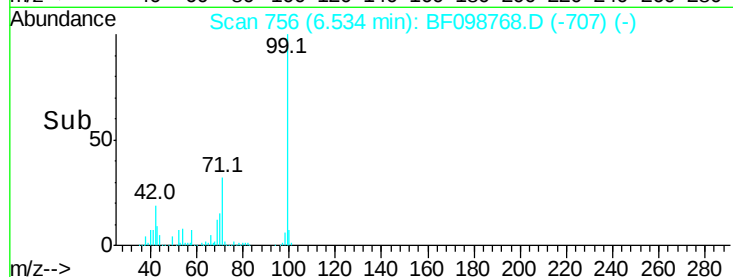
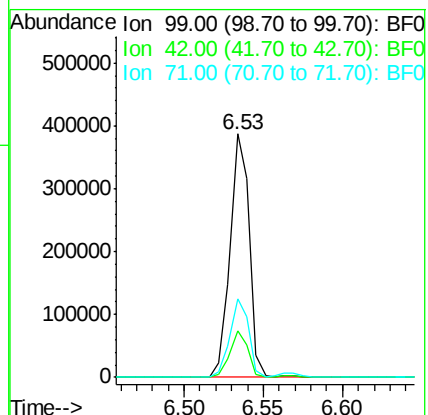
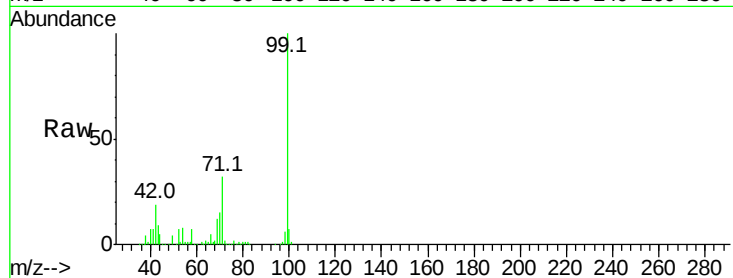
Tot Ion: 99 Resp: 324622

Ion Ratio Lower Upper

99 100

42 18.9 14.5 21.7

71 32.1 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.20 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF098768.D

Acq: 24 Sep 2017 5:58

Tgt Ion: 136 Resp: 486585

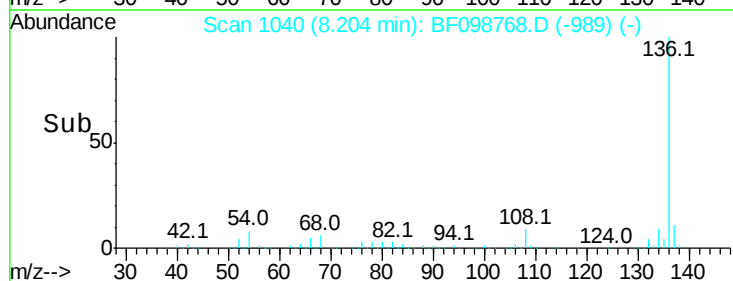
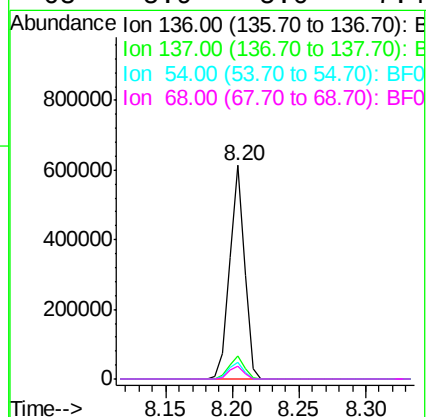
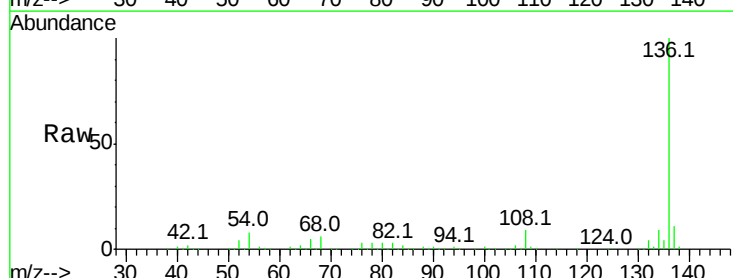
Ion Ratio Lower Upper

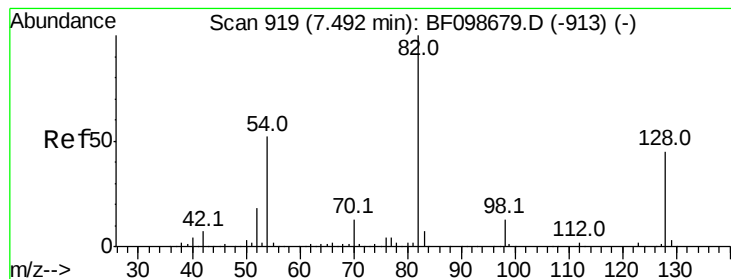
136 100

137 10.8 8.9 13.3

54 8.0 6.6 9.8

68 5.9 5.0 7.4





#23

Nitrobenzene-d5

Concen: 107.426 ng

RT: 7.49 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF098768.D

Acq: 24 Sep 2017 5:58

Instrument :

BNA_F

ClientSampleId :

091817-SIDI-F-U-B

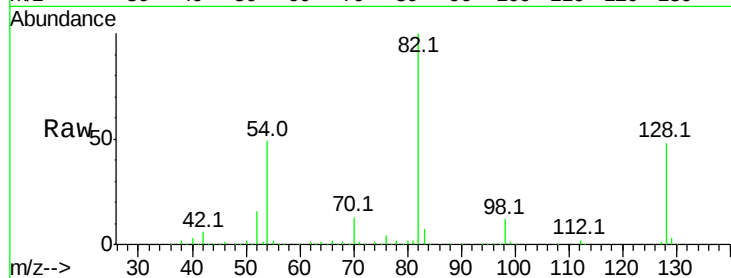
Tot Ion: 82 Resp: 815094

Ion Ratio Lower Upper

82 100

128 47.5 36.1 54.1

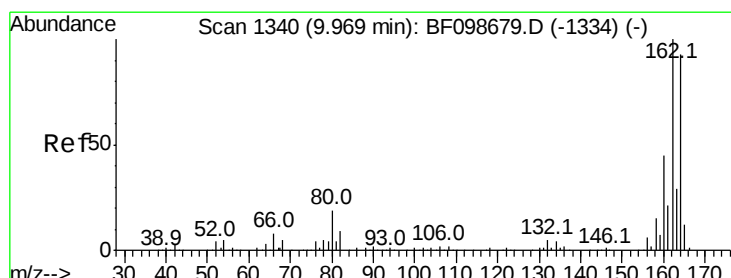
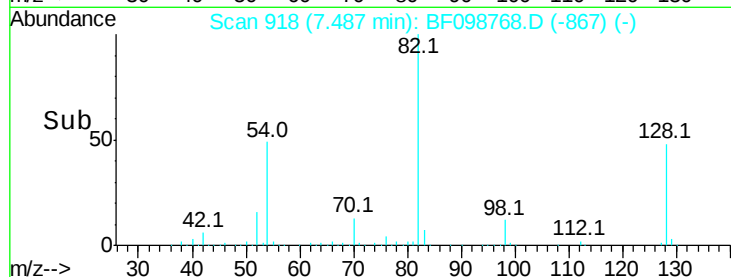
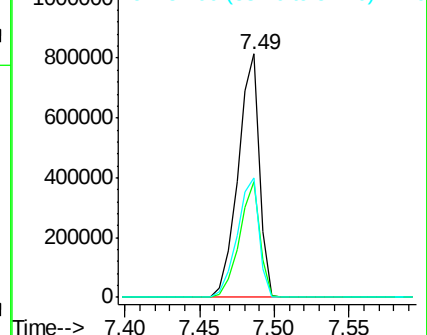
54 49.2 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF098768.D

Acq: 24 Sep 2017 5:58

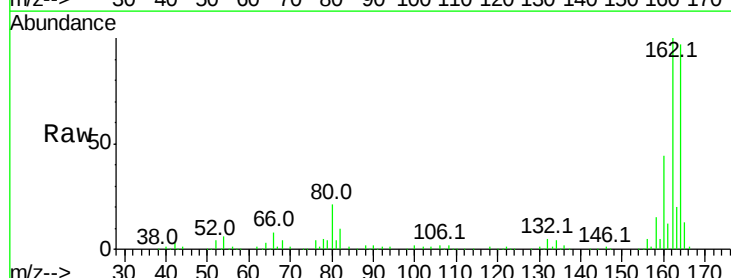
Tgt Ion: 164 Resp: 175014

Ion Ratio Lower Upper

164 100

162 102.6 86.1 129.1

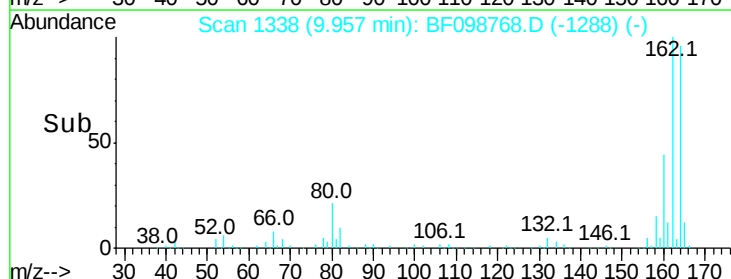
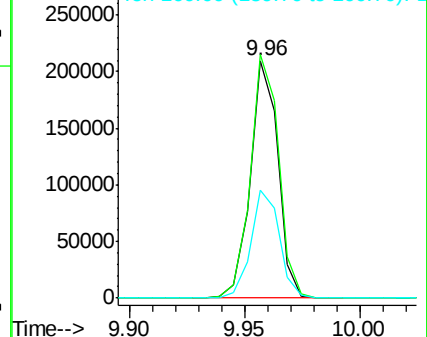
160 45.2 38.3 57.5

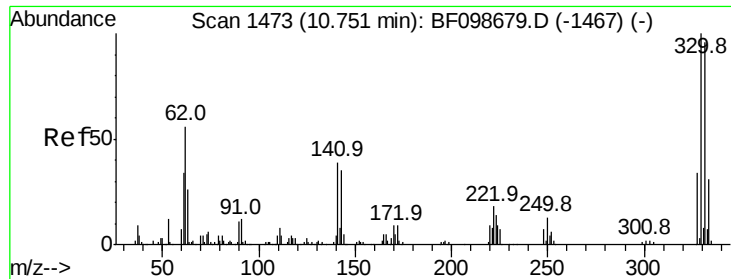


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

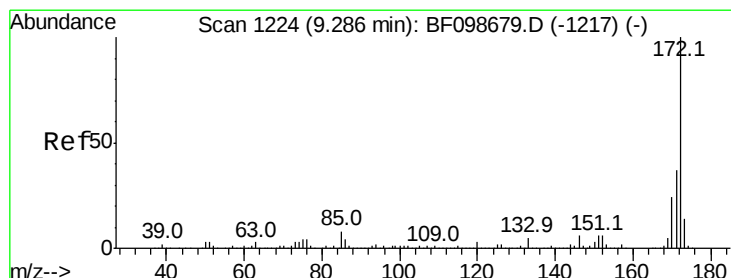
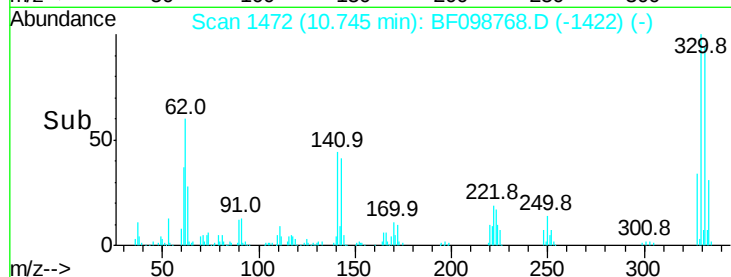
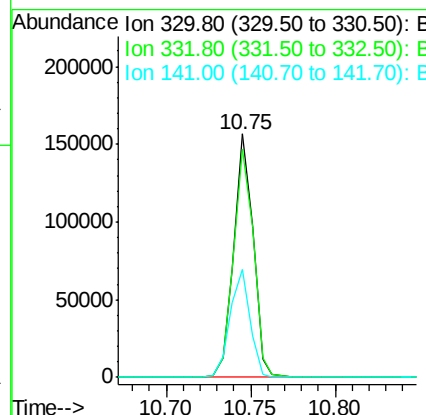
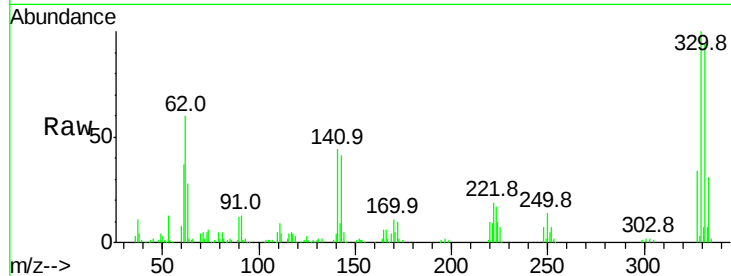




#41
 2,4,6-Tribromophenol
 Concen: 87.086 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BF098768.D
 Acq: 24 Sep 2017 5:58

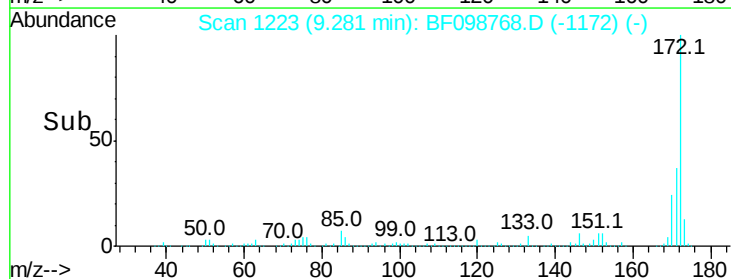
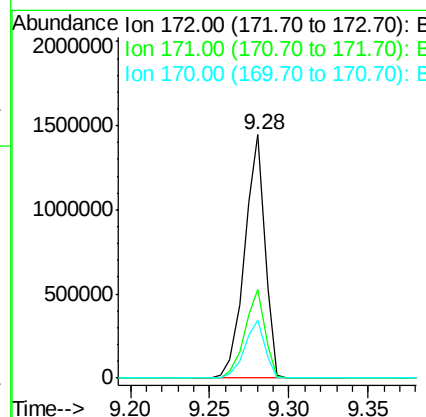
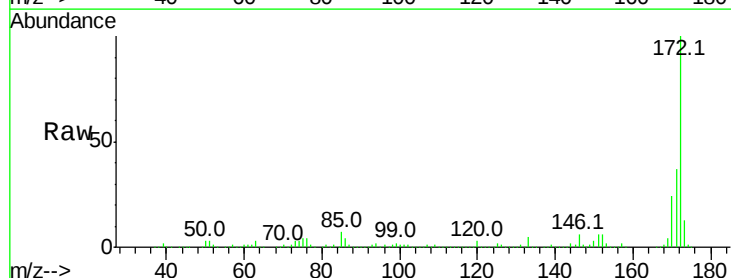
Instrument :
 BNA_F
 ClientSampleId :
 091817-SIDI-F-U-B

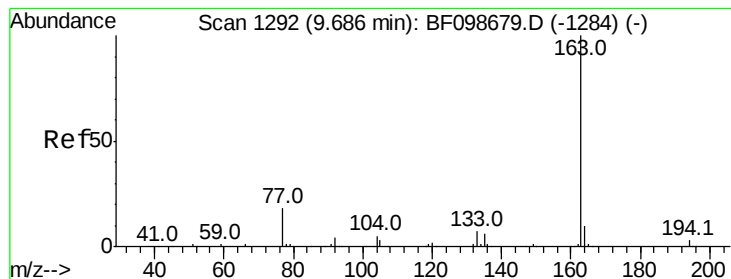
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	45.8	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 121.876 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.00 min
 Lab File: BF098768.D
 Acq: 24 Sep 2017 5:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.0	19.6	29.4





#49

Dimethylphthalate

Concen: 2.453 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BF098768.D

Acq: 24 Sep 2017 5:58

Instrument :

BNA_F

ClientSampleId :

091817-SIDI-F-U-B

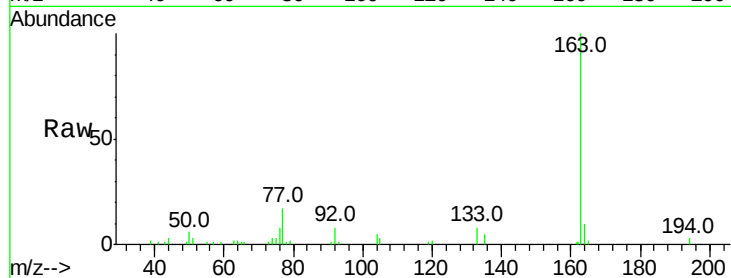
Tot Ion:163 Resp: 32400

Ion Ratio Lower Upper

163 100

194 2.9 2.7 4.1

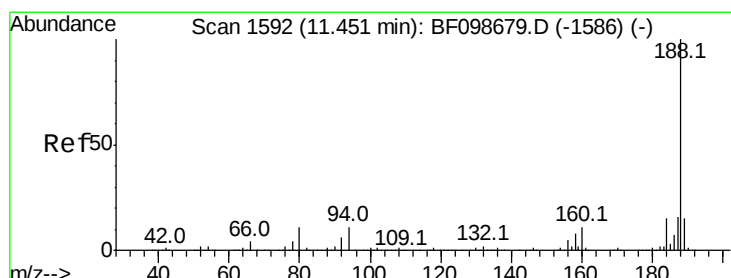
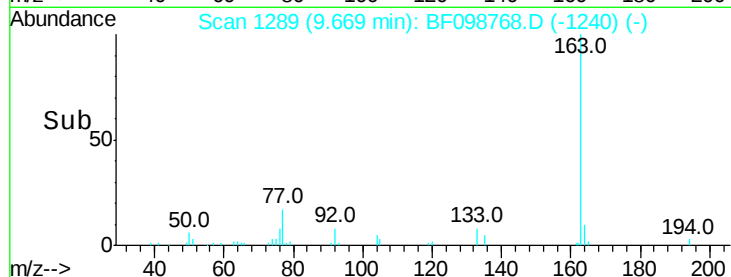
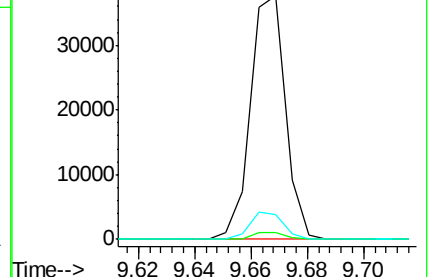
164 10.4 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.45 min Scan# 1591

Delta R.T. -0.00 min

Lab File: BF098768.D

Acq: 24 Sep 2017 5:58

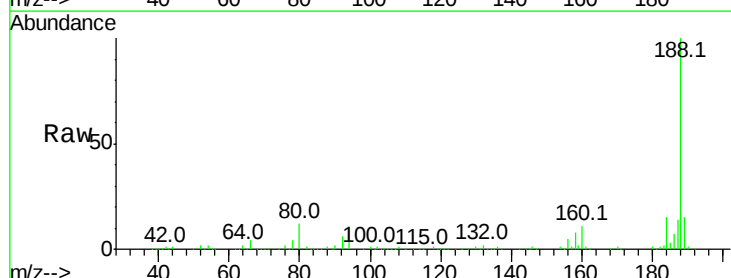
Tgt Ion:188 Resp: 273474

Ion Ratio Lower Upper

188 100

94 11.1 8.5 12.7

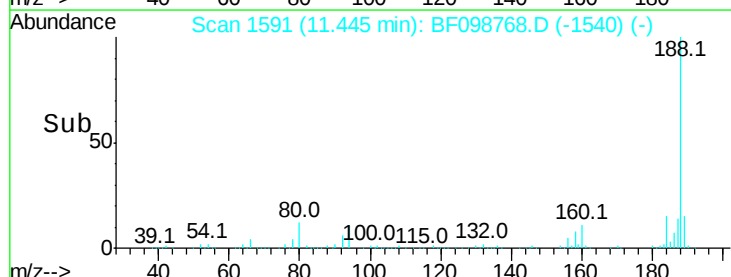
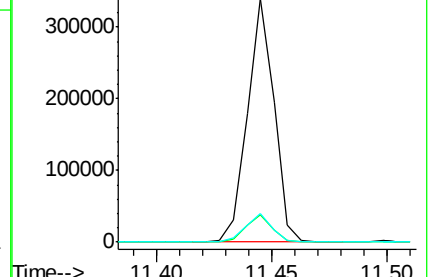
80 11.6 9.2 13.8

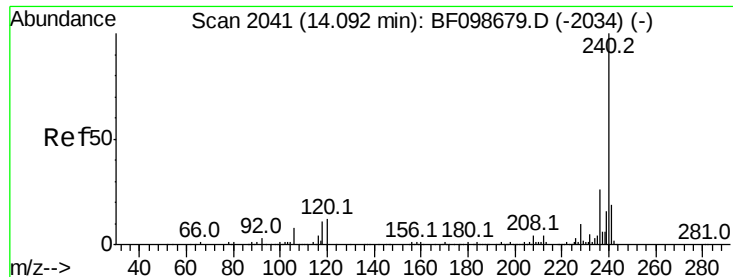


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.00 min

Lab File: BF098768.D

Acq: 24 Sep 2017 5:58

Instrument :

BNA_F

ClientSampleId :

091817-SIDI-F-U-B

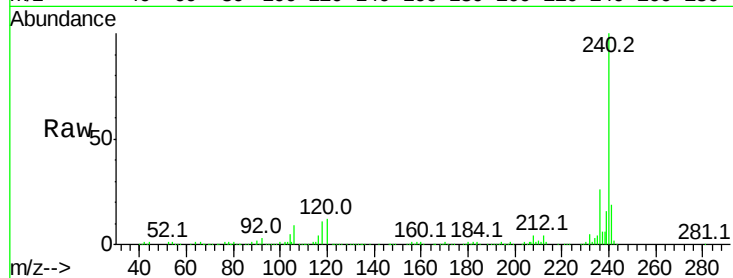
Tot Ion:240 Resp: 266794

Ion Ratio Lower Upper

240 100

120 12.1 9.5 14.3

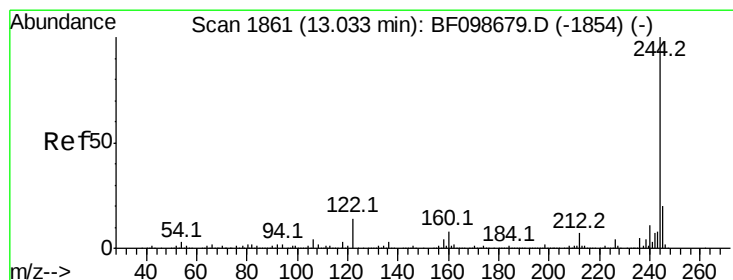
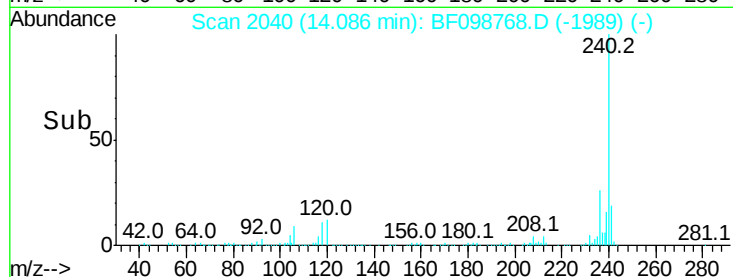
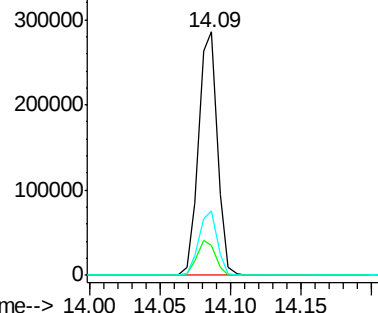
236 26.2 20.7 31.1



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: 79.038 ng

RT: 13.03 min Scan# 1861

Delta R.T. -0.00 min

Lab File: BF098768.D

Acq: 24 Sep 2017 5:58

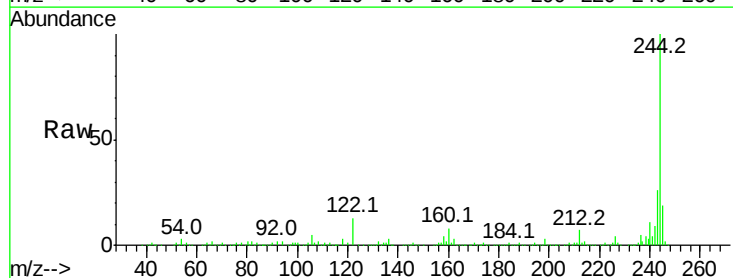
Tgt Ion:244 Resp: 927221

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

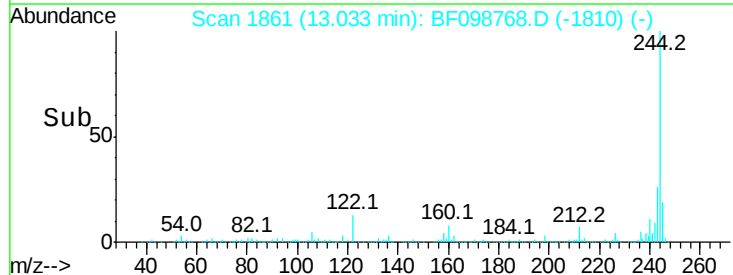
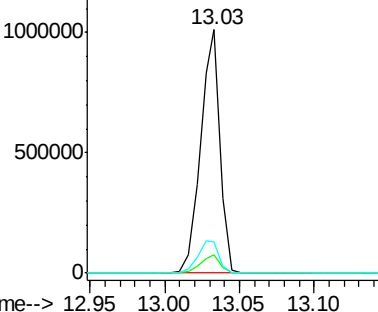
122 13.0 11.0 16.4

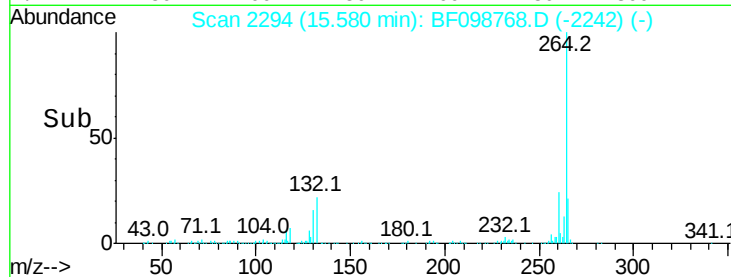
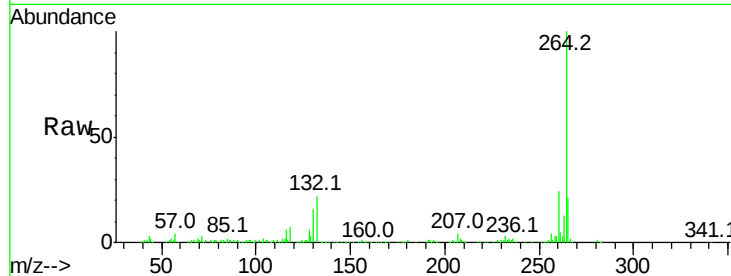
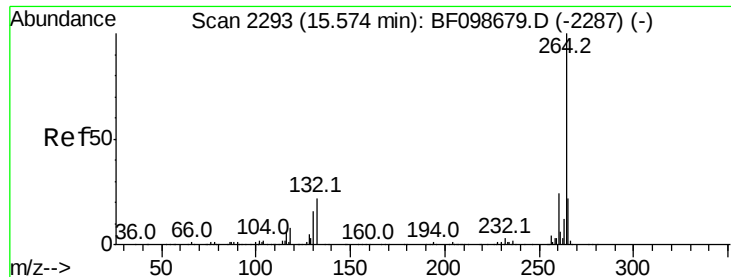


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.58 min Scan# 2294
Delta R.T. 0.01 min
Lab File: BF098768.D
Acq: 24 Sep 2017 5:58

Instrument :
BNA_F
ClientSampleId :
091817-SIDI-F-U-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	20.7	17.5	26.3

