

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
 Data File : BF098823.D
 Acq On : 26 Sep 2017 10:51
 Operator : SJ/JU
 Sample : I5384-06
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 092017-SIDI-F-U-S

Quant Time: Sep 26 11:40:15 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

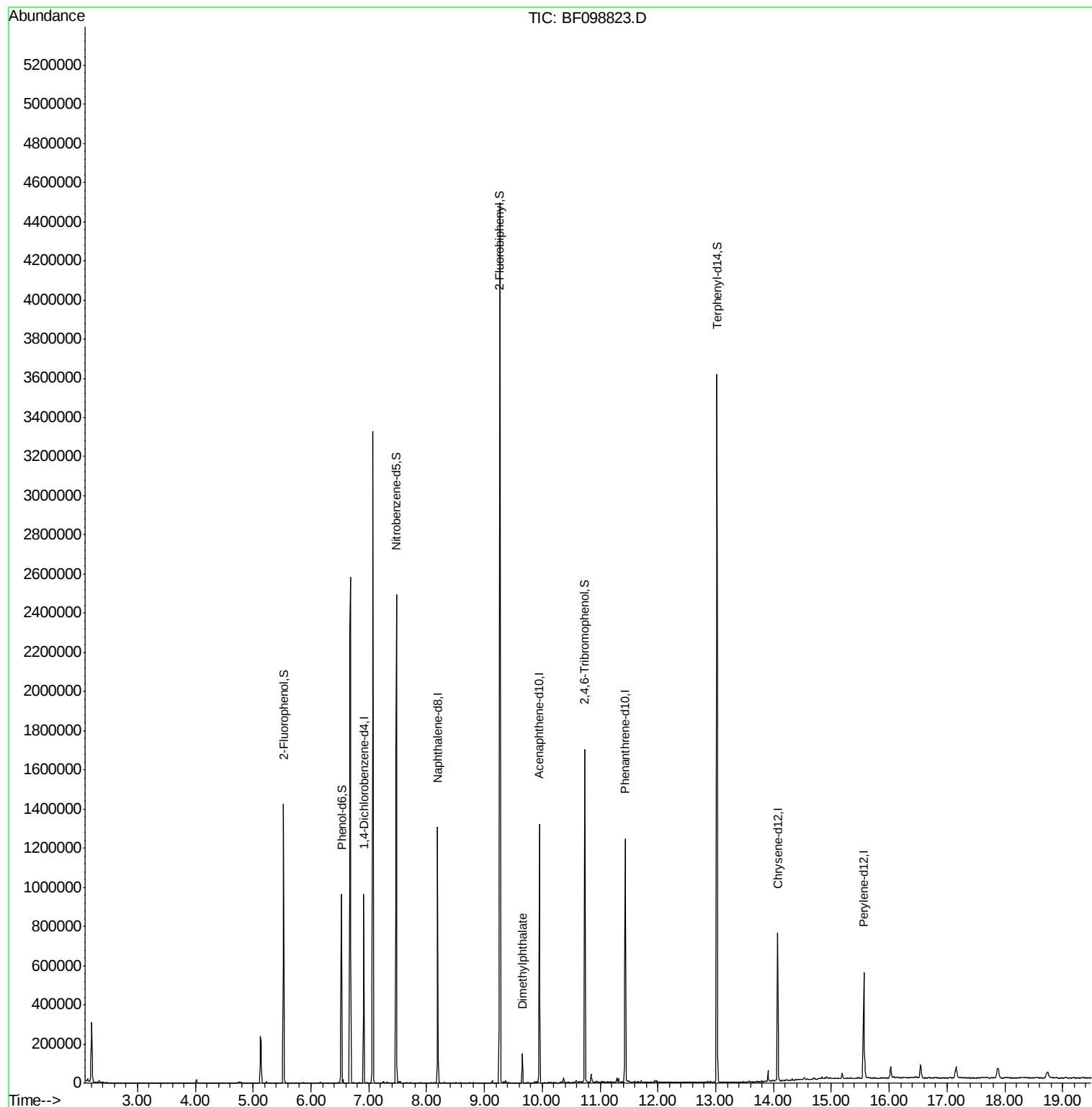
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	133336	20.00	ng	-0.01
21) Naphthalene-d8	8.19	136	545436	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	243221	20.00	ng	-0.01
63) Phenanthrene-d10	11.43	188	406916	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	248119	20.00	ng	-0.01
86) Perylene-d12	15.56	264	237483	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	411116	49.08	ng	-0.01
7) Phenol-d6	6.53	99	306952	29.71	ng	-0.02
23) Nitrobenzene-d5	7.47	82	885782	104.15	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	189449	95.19	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	1555278	106.75	ng	-0.01
78) Terphenyl-d14	13.02	244	1126651	103.27	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.66	163	51927	2.829	ng	Qvalue 100

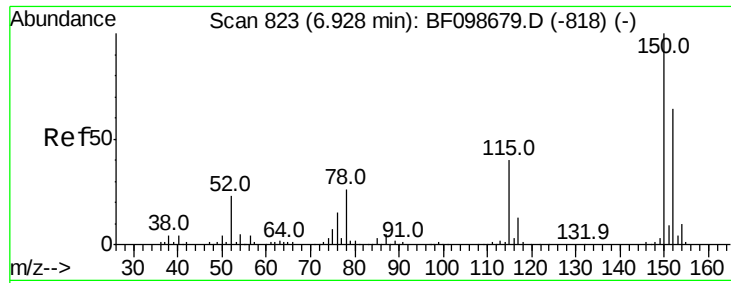
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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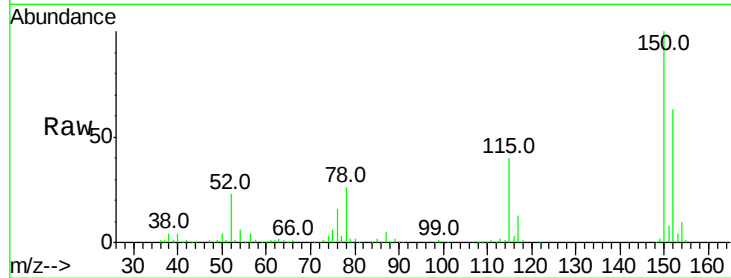


#1

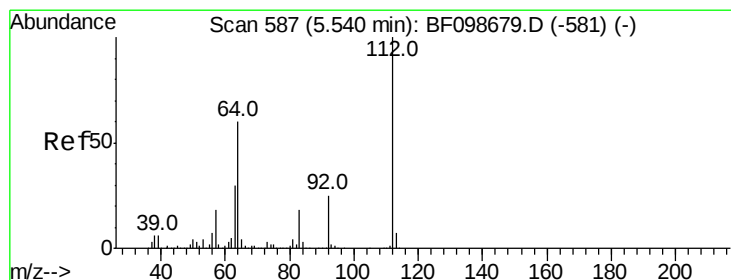
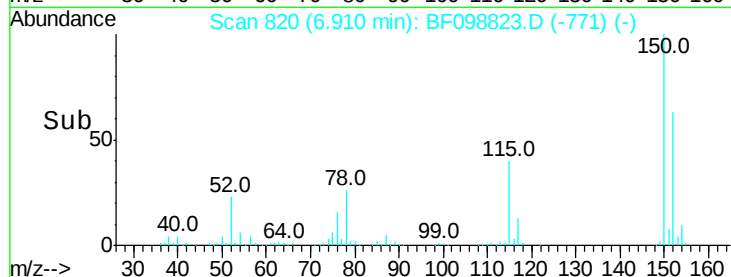
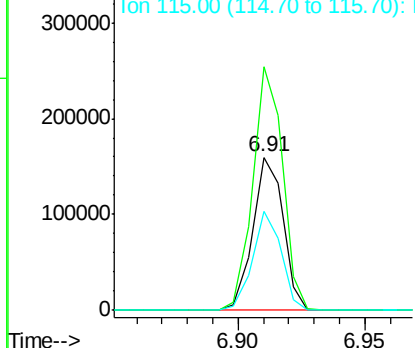
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.91 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF098823.D
 Acq: 26 Sep 2017 10:51

Instrument :
 BNA_F
 ClientSampleId :
 092017-SIDI-F-U-S

Tot Ion:152 Resp: 133336
 Ion Ratio Lower Upper
 152 100
 150 159.4 124.6 186.8
 115 64.5 50.1 75.1



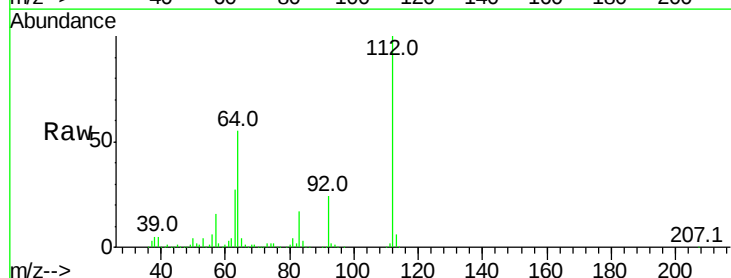
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



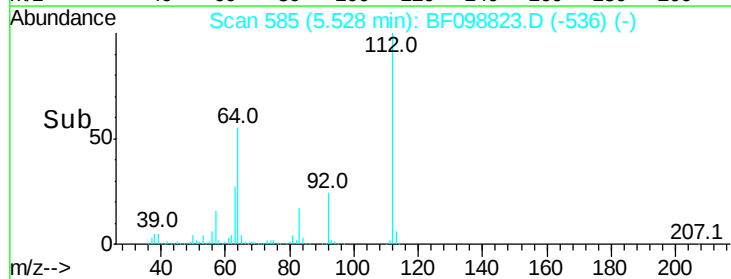
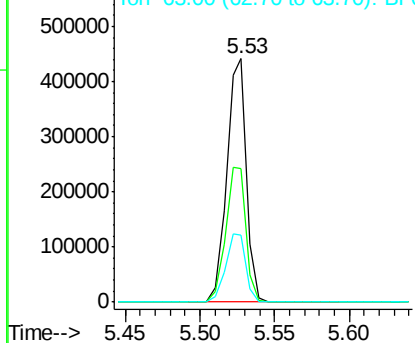
#5

2-Fluorophenol
 Concen: 49.083 ng
 RT: 5.53 min Scan# 585
 Delta R.T. -0.01 min
 Lab File: BF098823.D
 Acq: 26 Sep 2017 10:51

Tgt Ion:112 Resp: 411116
 Ion Ratio Lower Upper
 112 100
 64 54.7 47.9 71.9
 63 27.4 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: 29.707 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF098823.D

Acq: 26 Sep 2017 10:51

Instrument :

BNA_F

ClientSampleId :

092017-SIDI-F-U-S

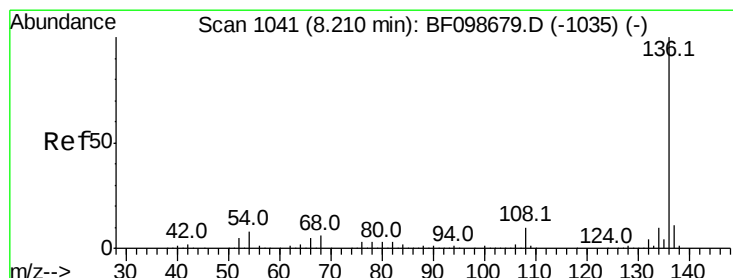
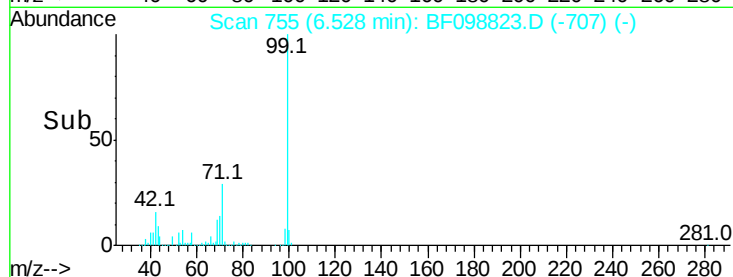
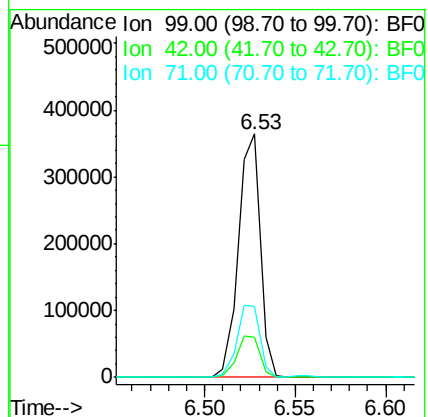
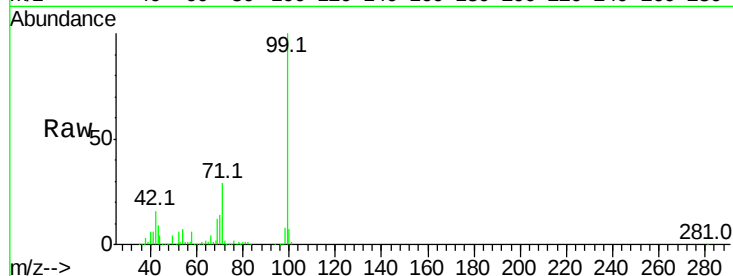
Tot Ion: 99 Resp: 306952

Ion Ratio Lower Upper

99 100

42 16.4 14.5 21.7

71 29.3 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF098823.D

Acq: 26 Sep 2017 10:51

Tgt Ion: 136 Resp: 545436

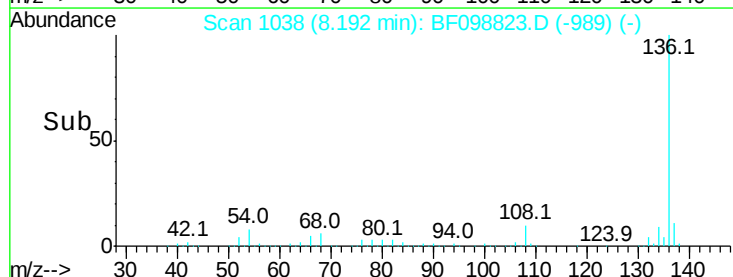
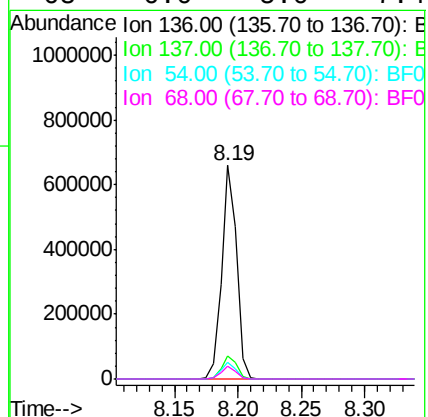
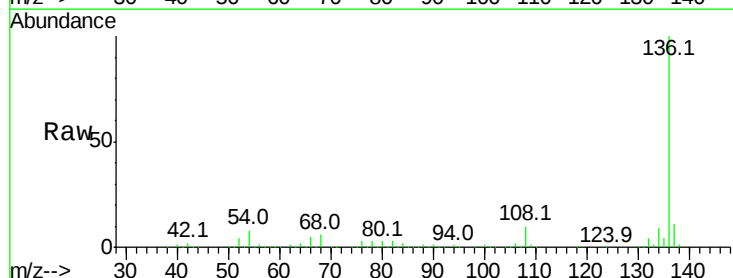
Ion Ratio Lower Upper

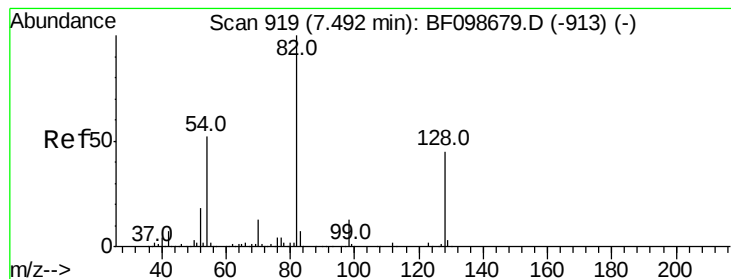
136 100

137 11.0 8.9 13.3

54 7.8 6.6 9.8

68 6.0 5.0 7.4





#23

Nitrobenzene-d5

Concen: 104.147 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF098823.D

Acq: 26 Sep 2017 10:51

Instrument :

BNA_F

ClientSampleId :

092017-SIDI-F-U-S

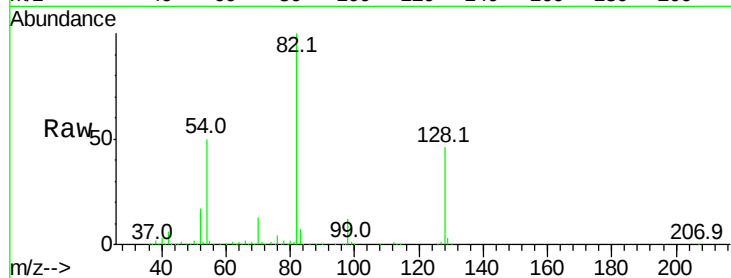
Tot Ion: 82 Resp: 885782

Ion Ratio Lower Upper

82 100

128 46.2 36.1 54.1

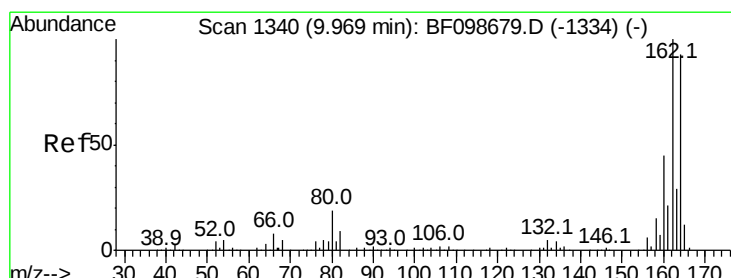
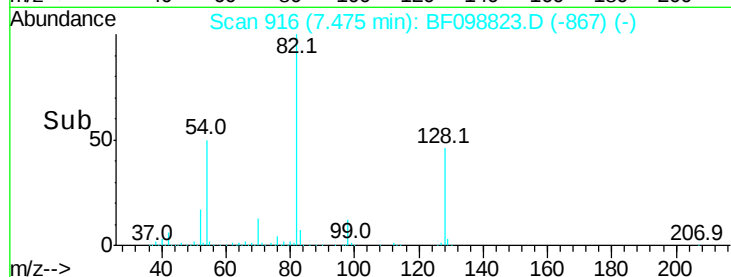
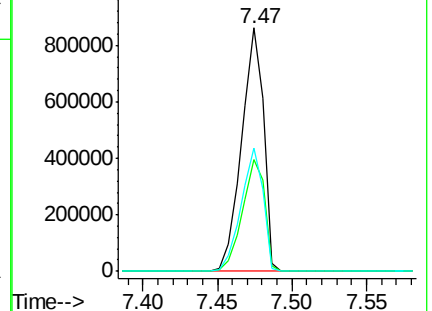
54 50.4 41.4 62.2



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: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF098823.D

Acq: 26 Sep 2017 10:51

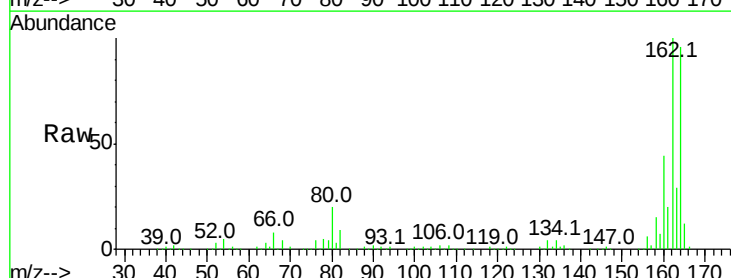
Tgt Ion: 164 Resp: 243221

Ion Ratio Lower Upper

164 100

162 104.3 86.1 129.1

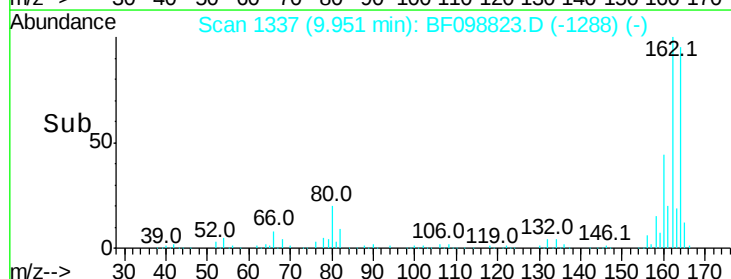
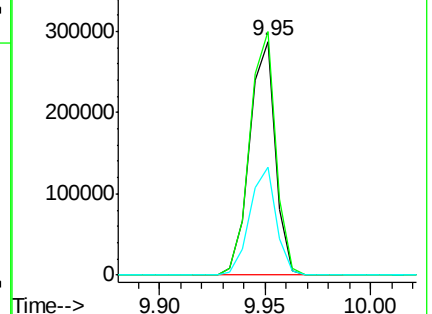
160 46.1 38.3 57.5



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

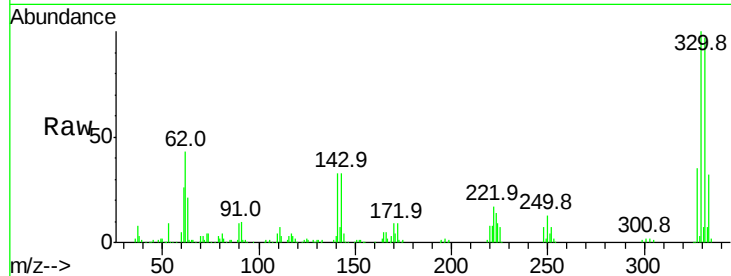




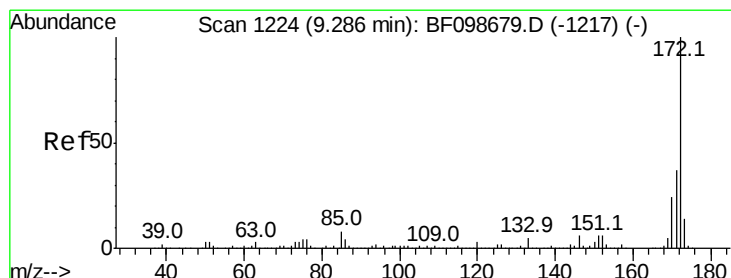
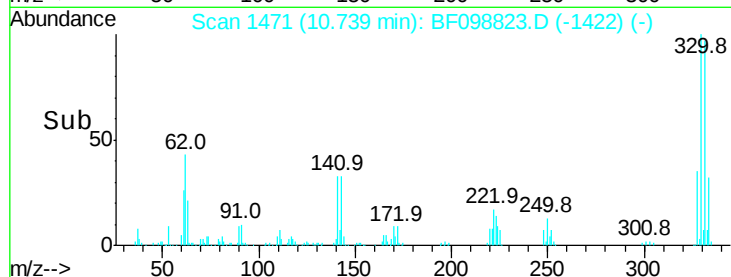
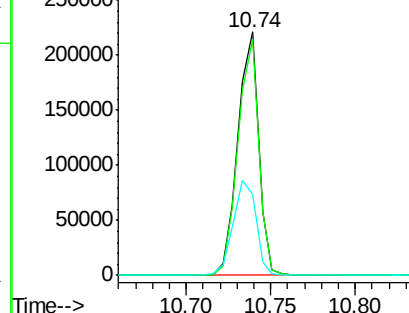
#41
 2,4,6-Tribromophenol
 Concen: 95.191 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.01 min
 Lab File: BF098823.D
 Acq: 26 Sep 2017 10:51

Instrument :
 BNA_F
 ClientSampleId :
 092017-SIDI-F-U-S

Tot Ion:330 Resp: 189449
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 42.7 29.9 44.9

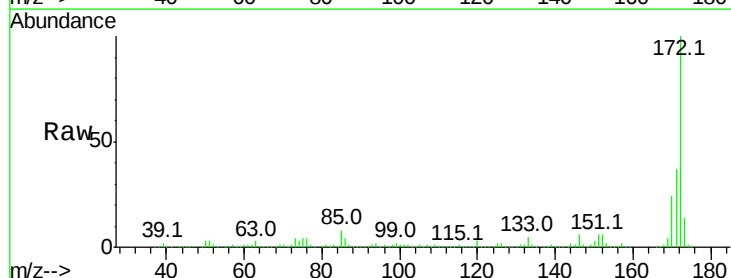


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

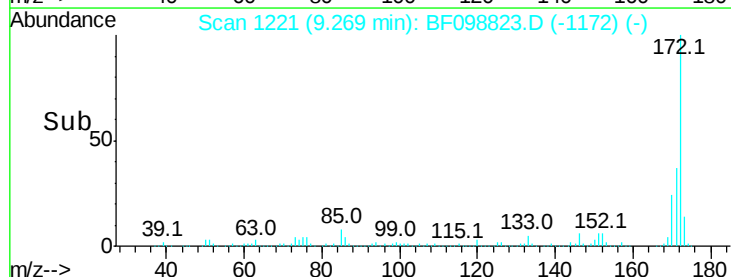
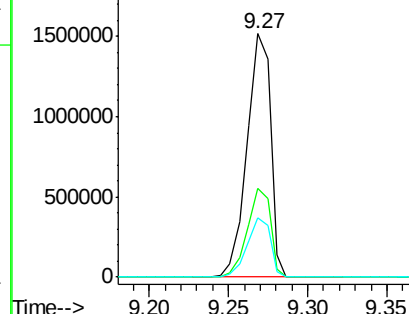


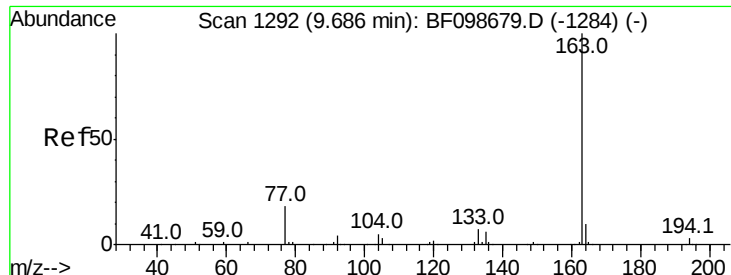
#44
 2-Fluorobiphenyl
 Concen: 106.751 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF098823.D
 Acq: 26 Sep 2017 10:51

Tgt Ion:172 Resp: 1555278
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 24.3 19.6 29.4



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

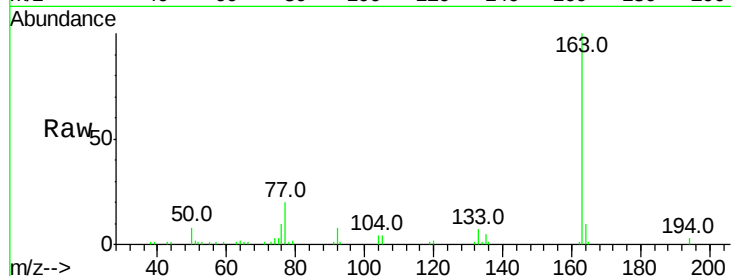




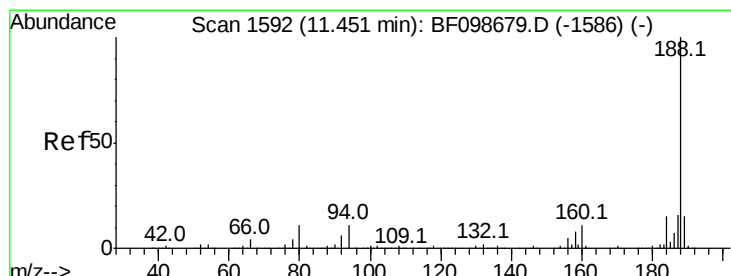
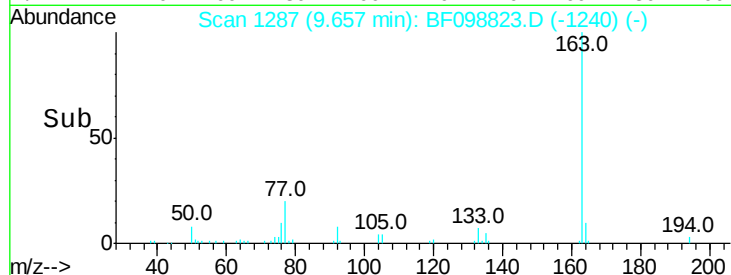
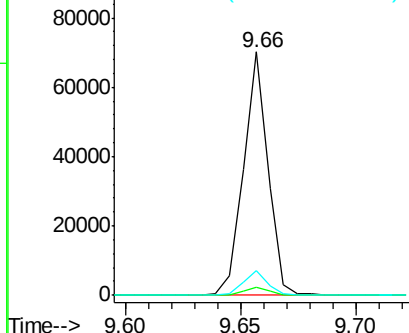
#49
Dimethylphthalate
Concen: 2.829 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BF098823.D
Acq: 26 Sep 2017 10:51

Instrument :
BNA_F
ClientSampleId :
092017-SIDI-F-U-S

Tot Ion:163 Resp: 51927
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.1 8.2 12.2

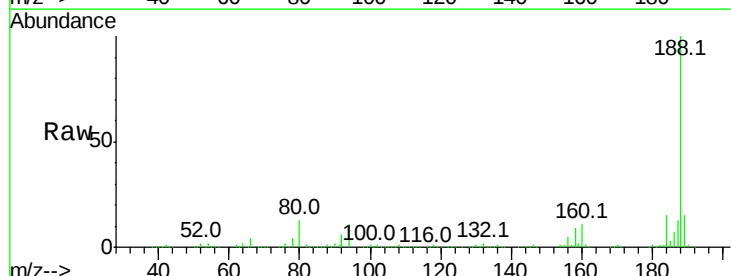


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

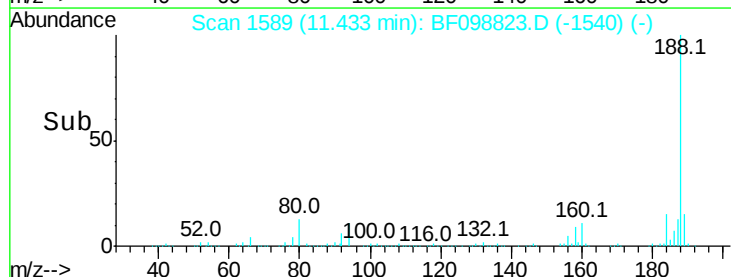
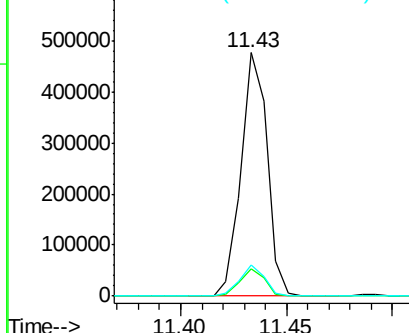


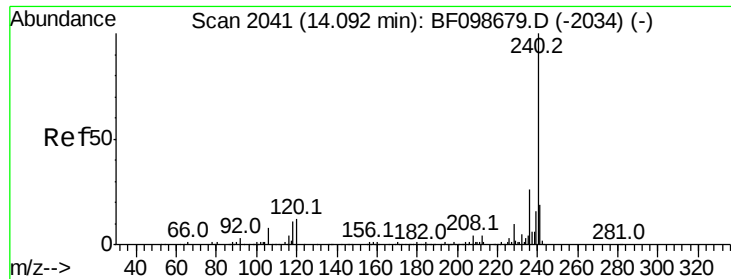
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF098823.D
Acq: 26 Sep 2017 10:51

Tgt Ion:188 Resp: 406916
Ion Ratio Lower Upper
188 100
94 11.3 8.5 12.7
80 12.8 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: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF098823.D

Acq: 26 Sep 2017 10:51

Instrument :

BNA_F

ClientSampleId :

092017-SIDI-F-U-S

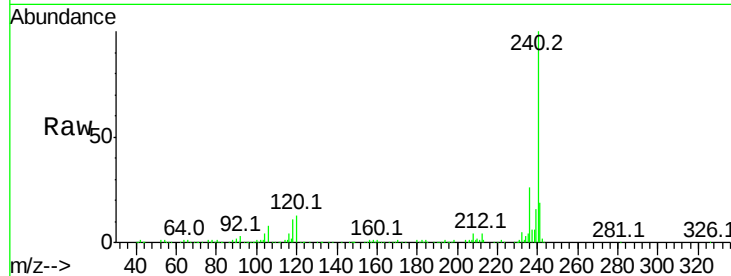
Tot Ion:240 Resp: 248119

Ion Ratio Lower Upper

240 100

120 13.1 9.5 14.3

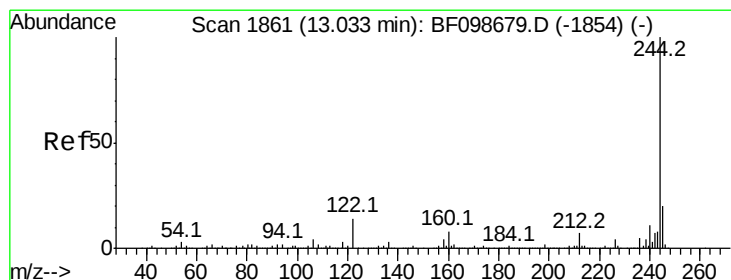
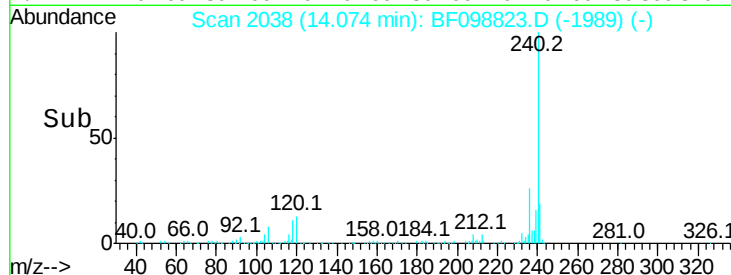
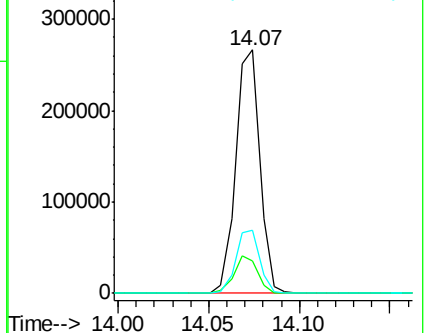
236 25.9 20.7 31.1



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: 103.266 ng

RT: 13.02 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BF098823.D

Acq: 26 Sep 2017 10:51

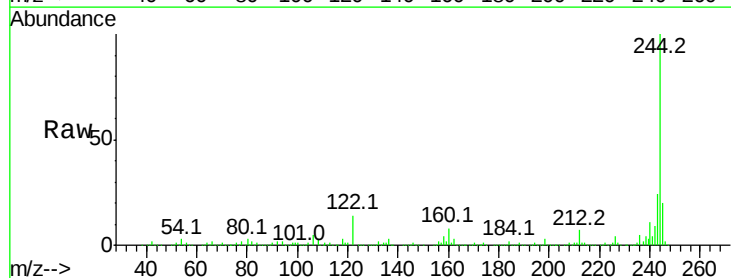
Tgt Ion:244 Resp: 1126651

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

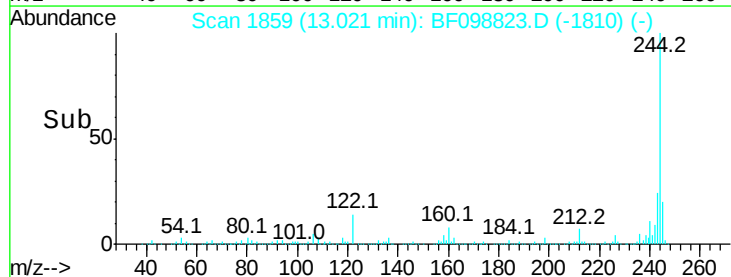
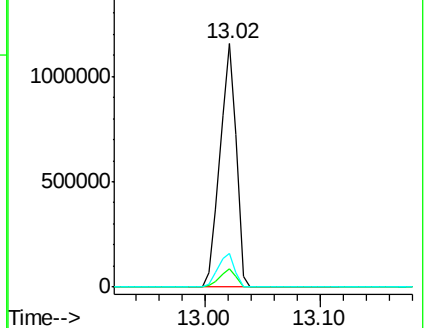
122 14.0 11.0 16.4

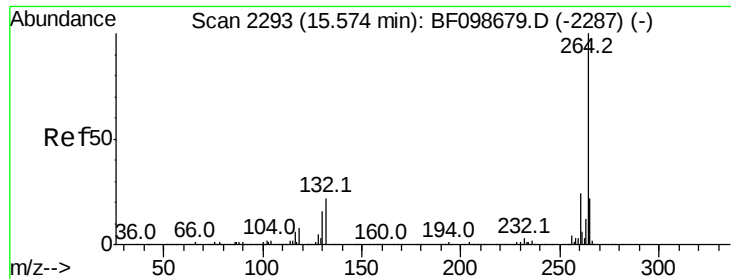


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.56 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BF098823.D
Acq: 26 Sep 2017 10:51

Instrument :
BNA_F
ClientSampleId :
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Tot Ion:264 Resp: 237483

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	20.4	17.5	26.3

