

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
 Data File : BF098818.D
 Acq On : 26 Sep 2017 8:31
 Operator : SJ/JU
 Sample : I5384-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 092017-SIDI-F-D-B

Quant Time: Sep 26 11:22:06 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

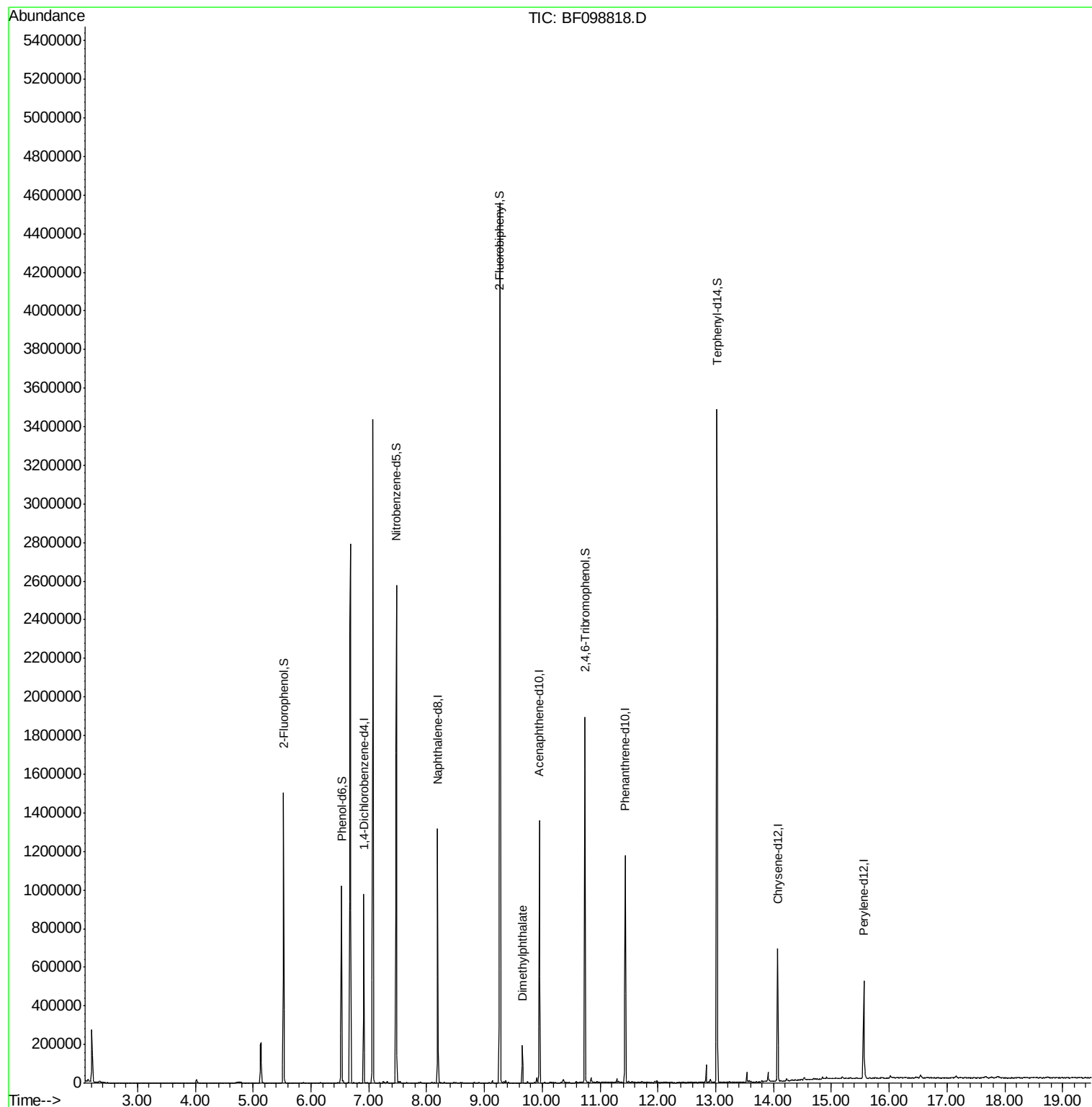
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	137902	20.00	ng	-0.01
21) Naphthalene-d8	8.19	136	570446	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	253329	20.00	ng	-0.01
63) Phenanthrene-d10	11.43	188	408586	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	231384	20.00	ng	-0.01
86) Perylene-d12	15.56	264	220982	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	413409	47.72	ng	-0.01
7) Phenol-d6	6.53	99	307772	28.80	ng	-0.02
23) Nitrobenzene-d5	7.47	82	957545	107.65	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	202919	97.89	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	1669893	110.04	ng	0.00
78) Terphenyl-d14	13.02	244	1099062	108.02	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.66	163	64336	3.365	ng	99

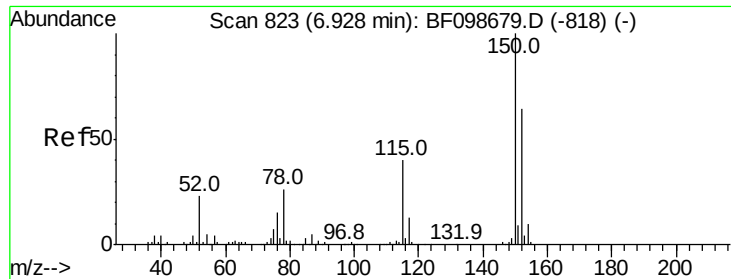
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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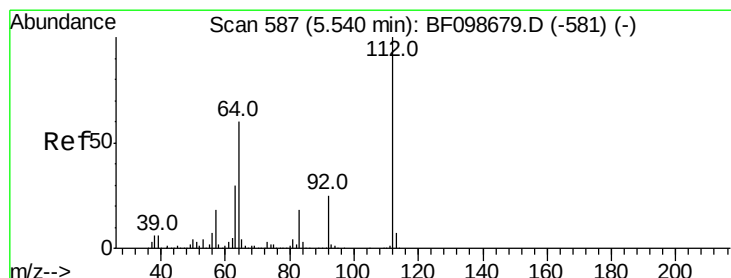
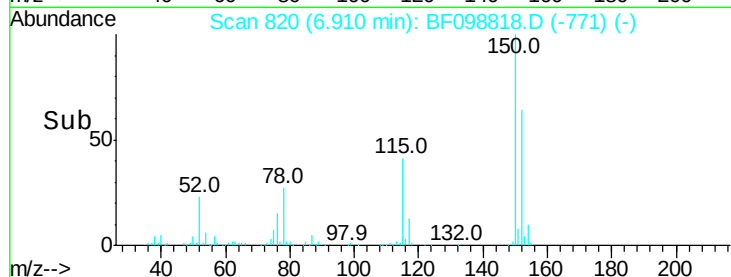
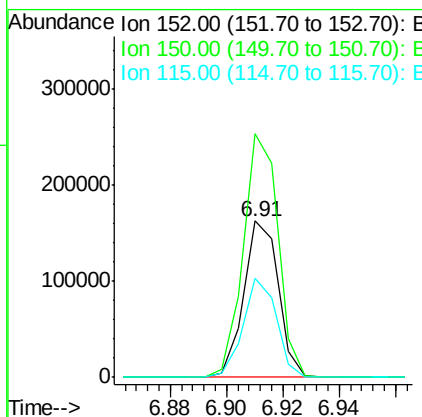
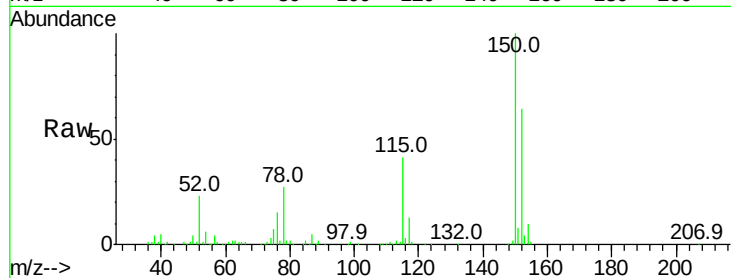


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF098818.D
Acq: 26 Sep 2017 8:31

Instrument :
BNA_F
ClientSampleId :
092017-SIDI-F-D-B

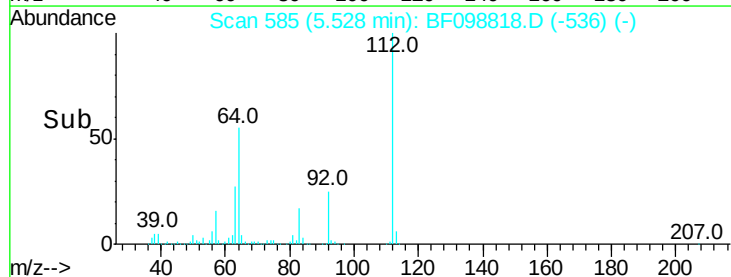
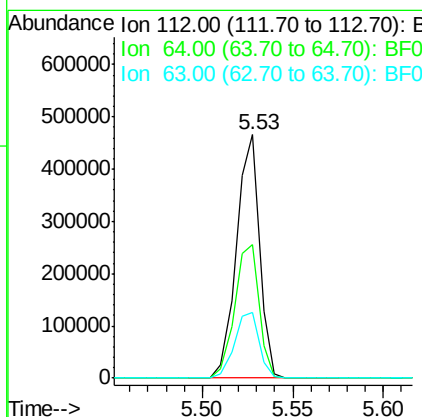
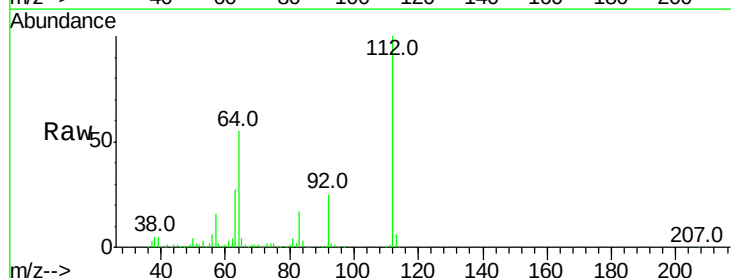
Tot Ion:152 Resp: 137902
Ion Ratio Lower Upper
152 100
150 155.8 124.6 186.8
115 63.7 50.1 75.1

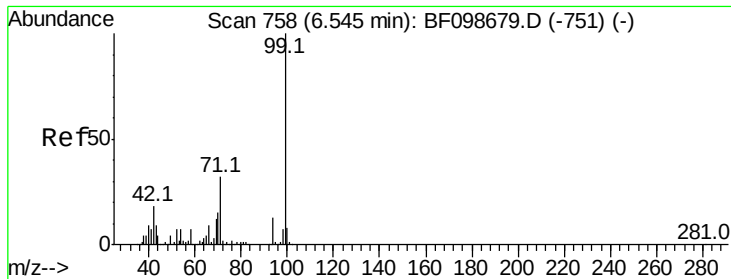


#5

2-Fluorophenol
Concen: 47.723 ng
RT: 5.53 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF098818.D
Acq: 26 Sep 2017 8:31

Tgt Ion:112 Resp: 413409
Ion Ratio Lower Upper
112 100
64 54.7 47.9 71.9
63 27.2 23.7 35.5





#7

Phenol-d6

Concen: 28.800 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF098818.D

Acq: 26 Sep 2017 8:31

Instrument :

BNA_F

ClientSampleId :

092017-SIDI-F-D-B

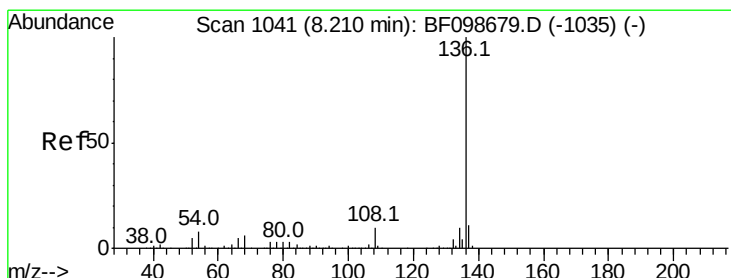
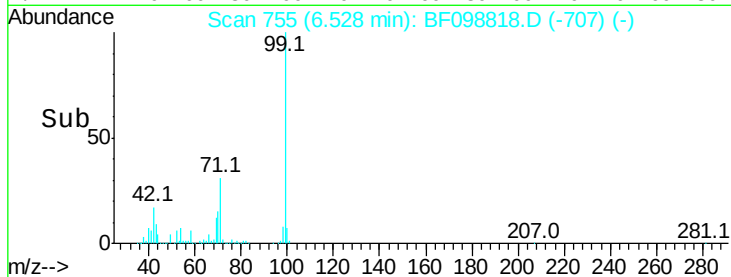
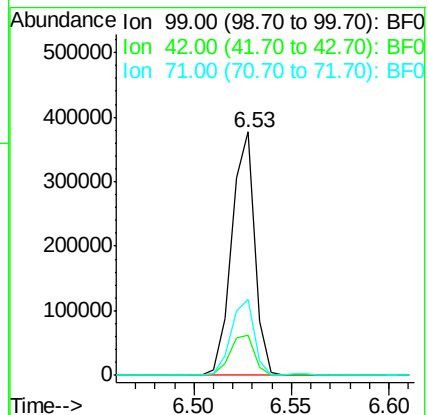
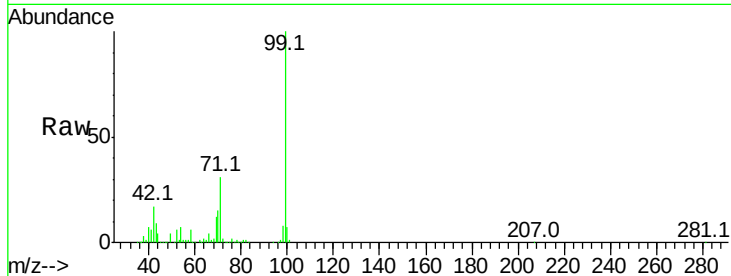
Tot Ion: 99 Resp: 307772

Ion Ratio Lower Upper

99 100

42 16.7 14.5 21.7

71 31.4 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: BF098818.D

Acq: 26 Sep 2017 8:31

Tgt Ion: 136 Resp: 570446

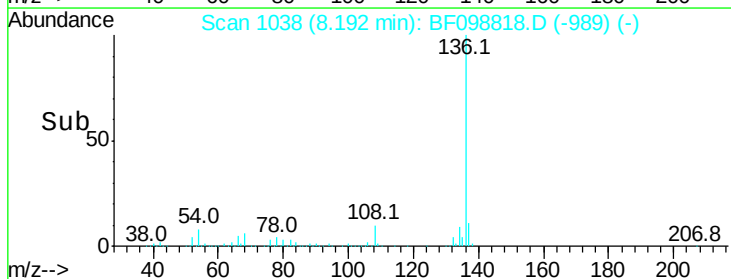
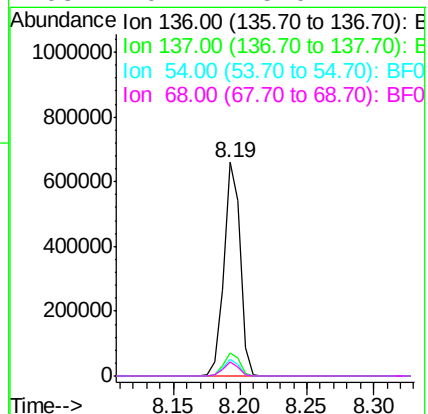
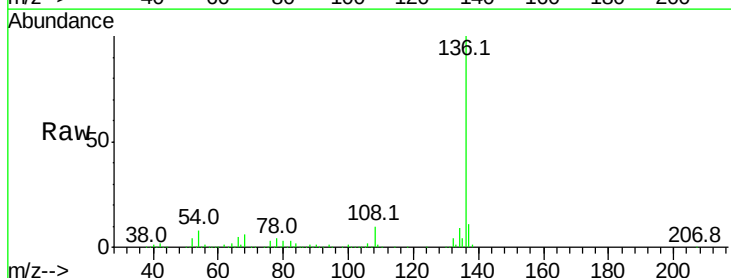
Ion Ratio Lower Upper

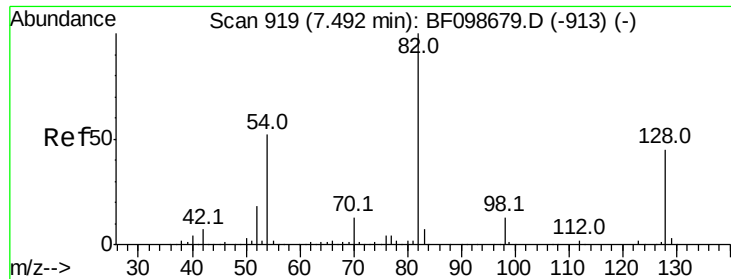
136 100

137 11.1 8.9 13.3

54 8.0 6.6 9.8

68 6.4 5.0 7.4

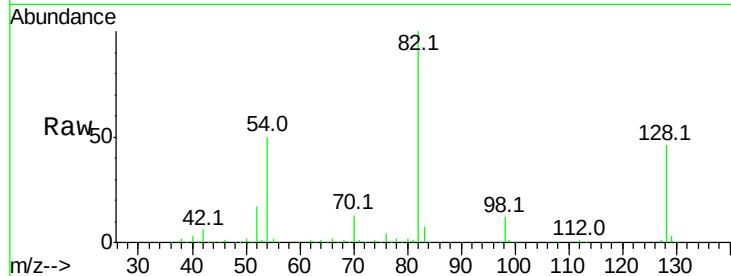




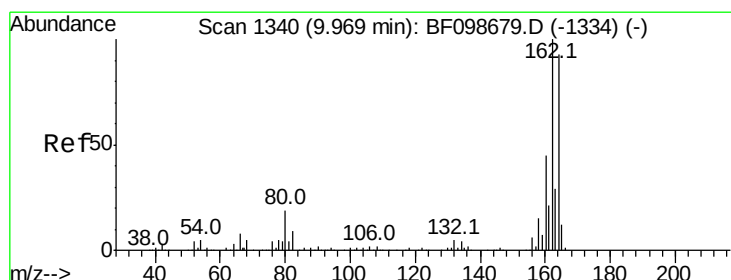
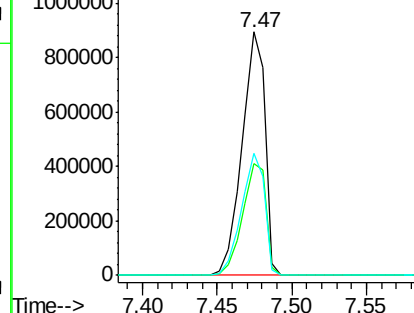
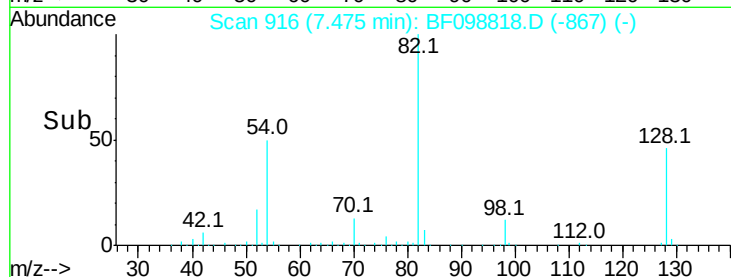
#23
Nitrobenzene-d5
Concen: 107.648 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF098818.D
Acq: 26 Sep 2017 8:31

Instrument :
BNA_F
ClientSampleId :
092017-SIDI-F-D-B

Tot Ion: 82 Resp: 957545
Ion Ratio Lower Upper
82 100
128 46.0 36.1 54.1
54 49.9 41.4 62.2

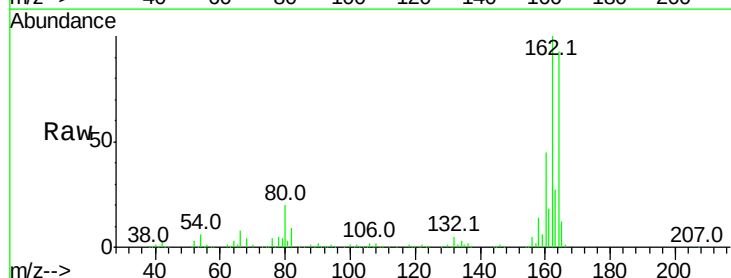


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

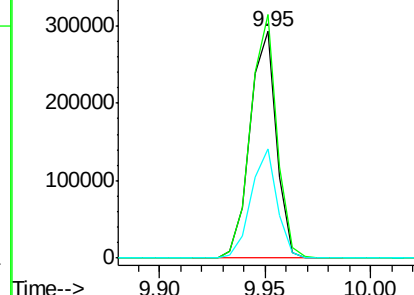
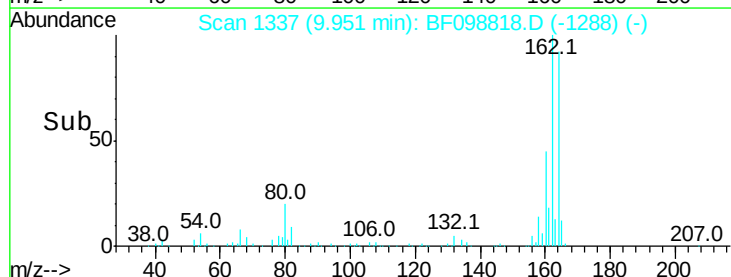


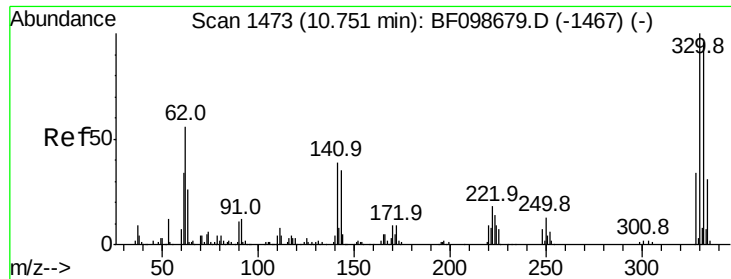
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF098818.D
Acq: 26 Sep 2017 8:31

Tgt Ion:164 Resp: 253329
Ion Ratio Lower Upper
164 100
162 107.5 86.1 129.1
160 48.0 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

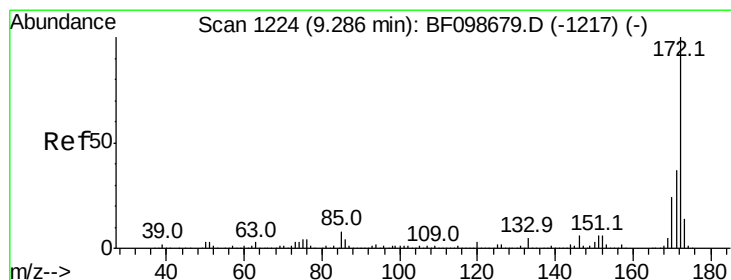
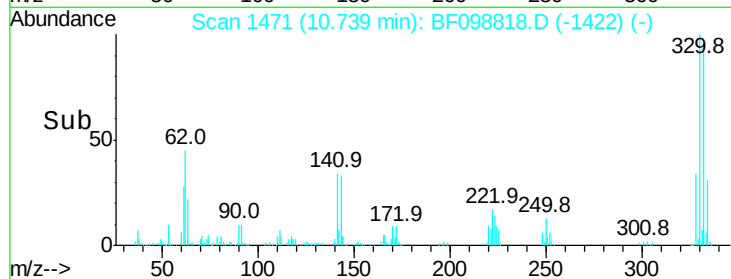
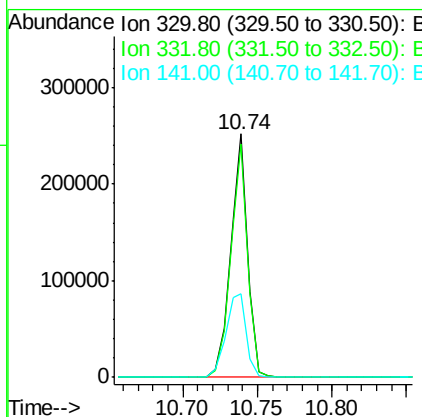
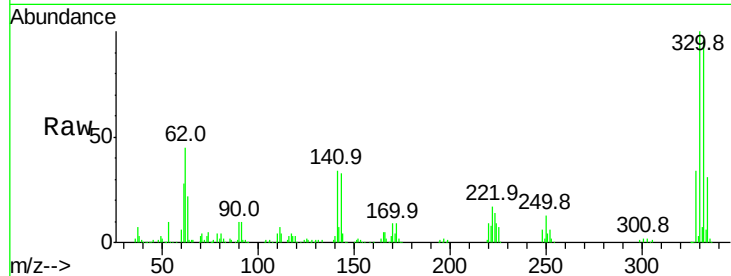




#41
 2,4,6-Tribromophenol
 Concen: 97.891 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.01 min
 Lab File: BF098818.D
 Acq: 26 Sep 2017 8:31

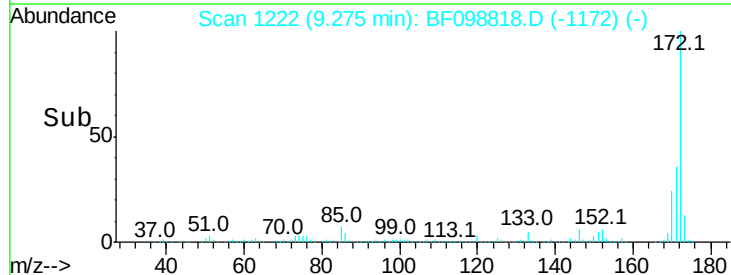
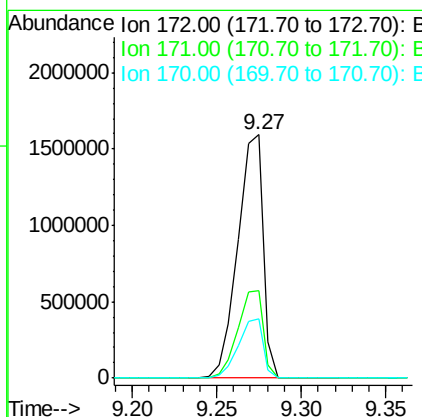
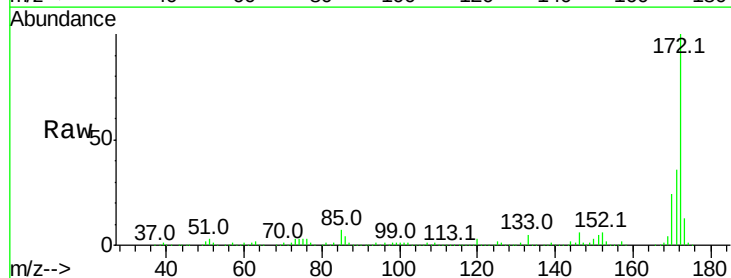
Instrument :
 BNA_F
 ClientSampleId :
 092017-SIDI-F-D-B

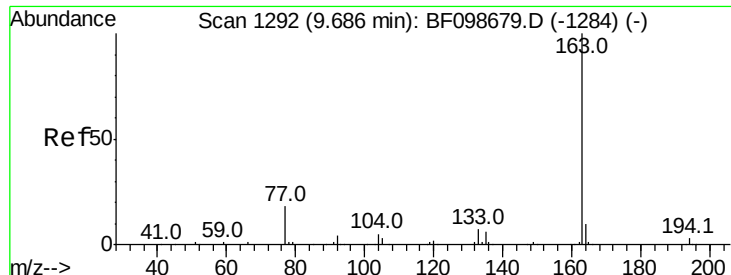
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	41.3	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 110.045 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098818.D
 Acq: 26 Sep 2017 8:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.2	19.6	29.4

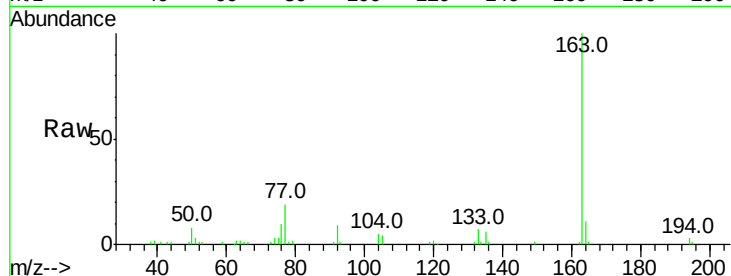




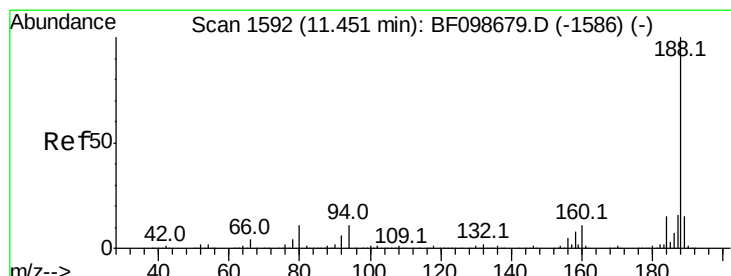
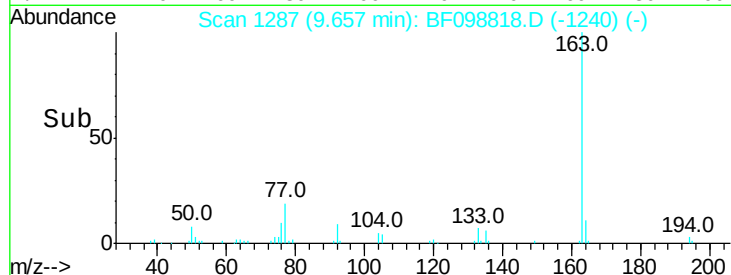
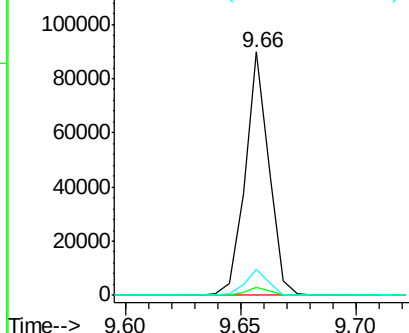
#49
Dimethylphthalate
Concen: 3.365 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BF098818.D
Acq: 26 Sep 2017 8:31

Instrument :
BNA_F
ClientSampleId :
092017-SIDI-F-D-B

Tot Ion:163 Resp: 64336
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 10.6 8.2 12.2

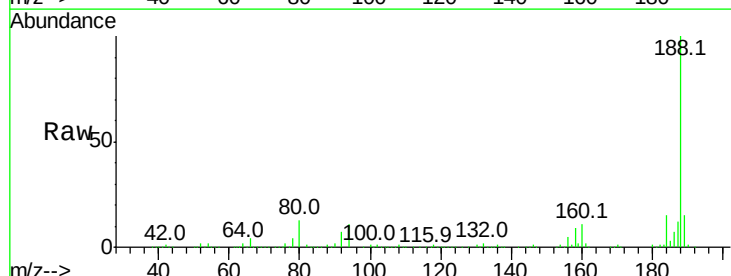


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

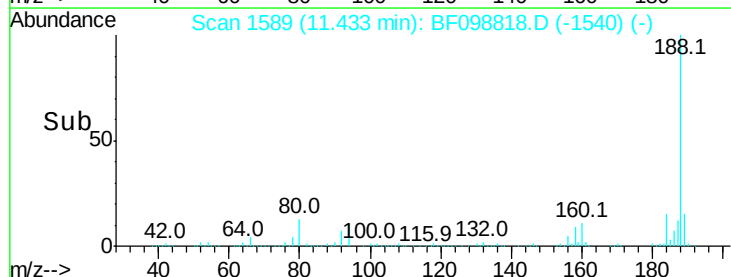
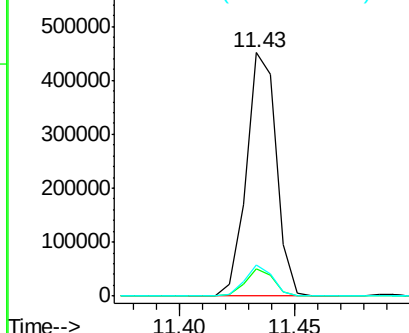


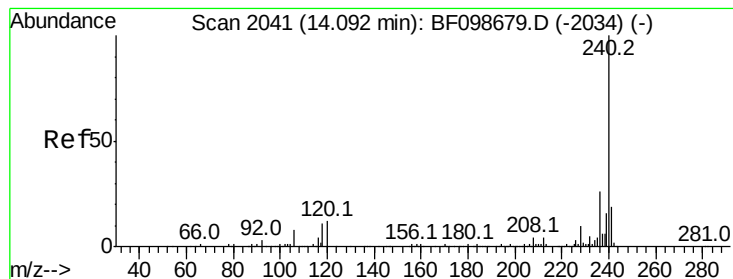
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF098818.D
Acq: 26 Sep 2017 8:31

Tgt Ion:188 Resp: 408586
Ion Ratio Lower Upper
188 100
94 11.4 8.5 12.7
80 12.9 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: BF098818.D

Acq: 26 Sep 2017 8:31

Instrument :

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ClientSampleId :

092017-SIDI-F-D-B

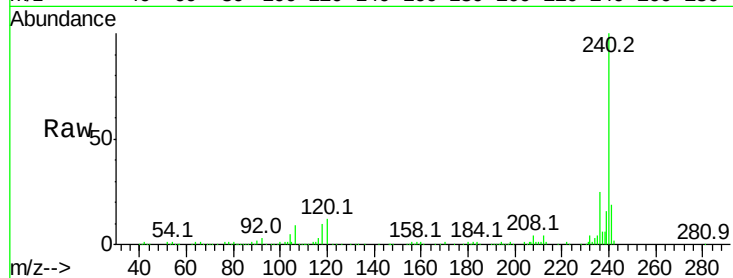
Tot Ion:240 Resp: 231384

Ion Ratio Lower Upper

240 100

120 11.6 9.5 14.3

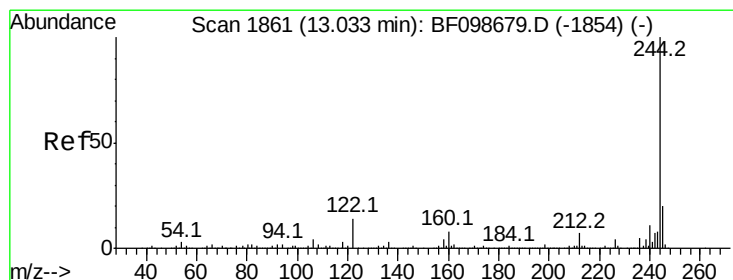
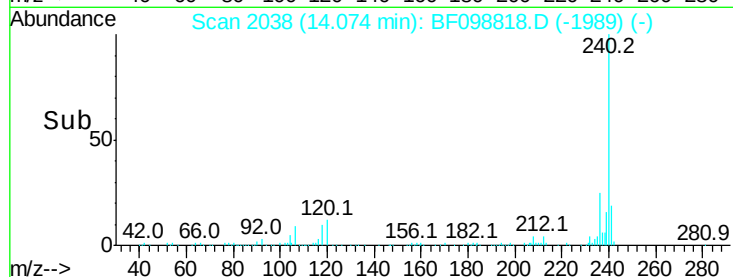
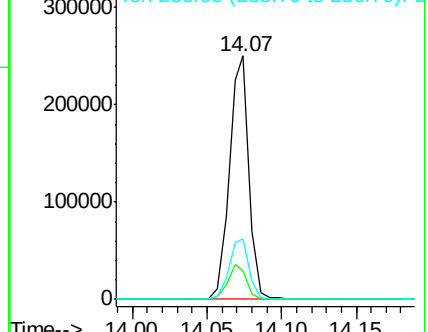
236 24.8 20.7 31.1



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: 108.023 ng

RT: 13.02 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BF098818.D

Acq: 26 Sep 2017 8:31

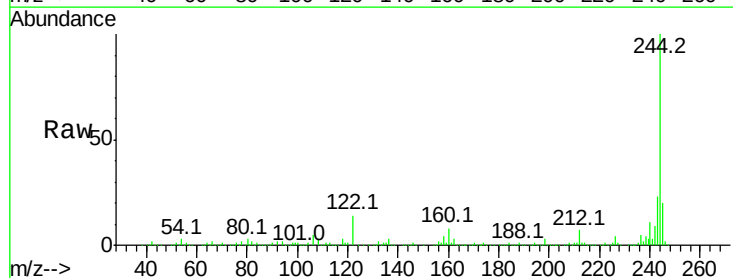
Tgt Ion:244 Resp: 1099062

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

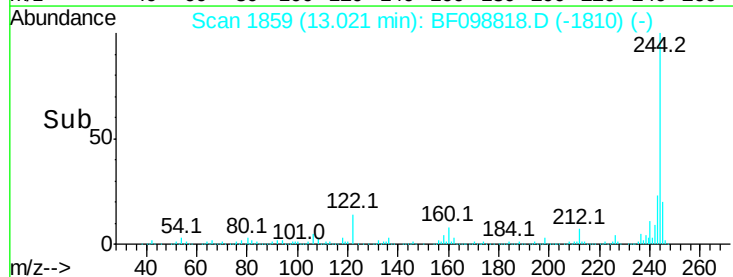
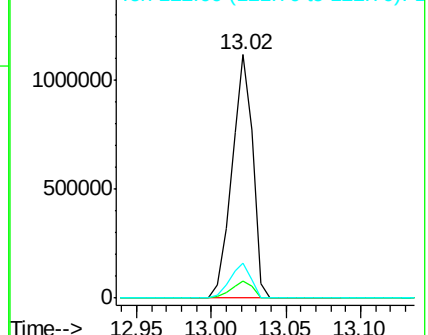
122 14.3 11.0 16.4

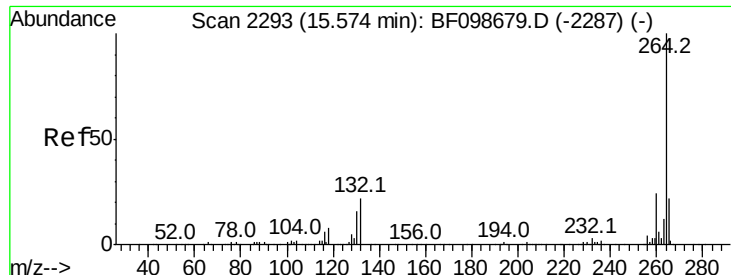


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

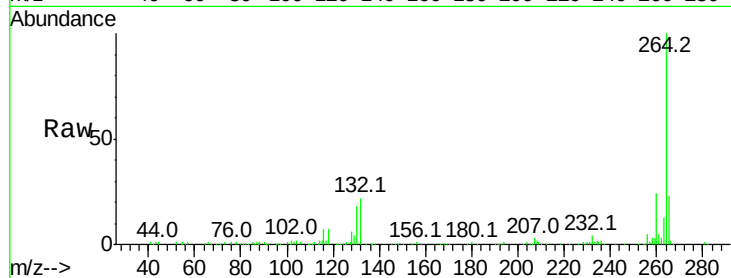




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BF098818.D
Acq: 26 Sep 2017 8:31

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.7	17.5	26.3



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

