

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100218\
 Data File : BF109528.D
 Acq On : 3 Oct 2018 4:04
 Operator : JU/SJ
 Sample : J5187-07
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 092818-SIDI-F-D-B

Quant Time: Oct 03 05:08:21 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

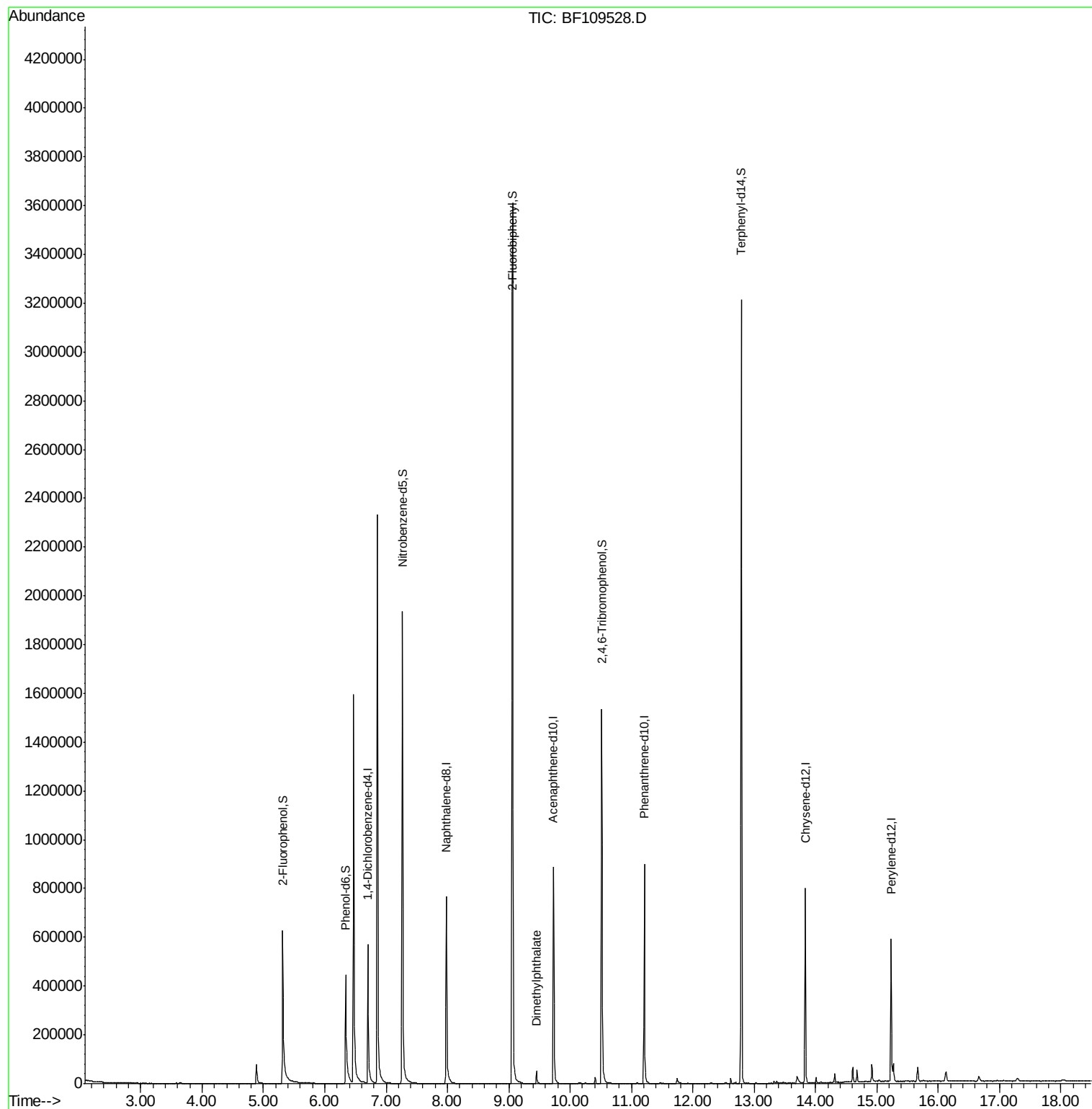
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	113357	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	431517	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	205010	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	379925	20.00	ng	0.00
75) Chrysene-d12	13.83	240	281305	20.00	ng	-0.01
86) Perylene-d12	15.23	264	272296	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	285448	41.48	ng	0.00
7) Phenol-d6	6.34	99	227012	25.85	ng	-0.02
23) Nitrobenzene-d5	7.27	82	749904	102.59	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	203208	100.55	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	1325743	97.53	ng	-0.01
78) Terphenyl-d14	12.79	244	1213840	105.90	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.45	163	31671	2.124	ng	98

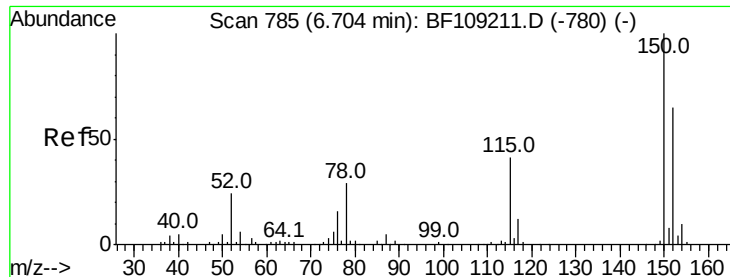
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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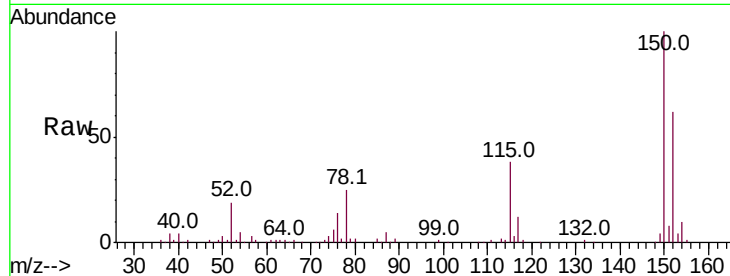


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109528.D
Acq: 3 Oct 2018 4:04

Instrument :
BNA_F
ClientSampleId :
092818-SIDI-F-D-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.7	124.6	186.8
115	60.5	50.1	75.1

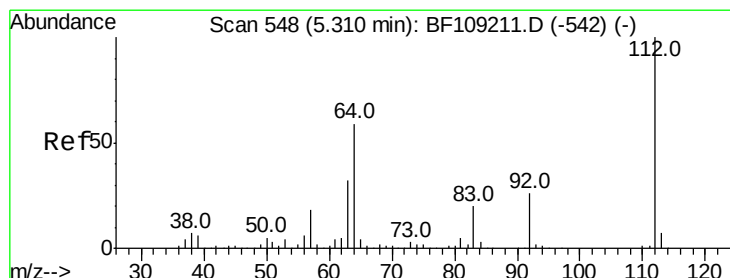
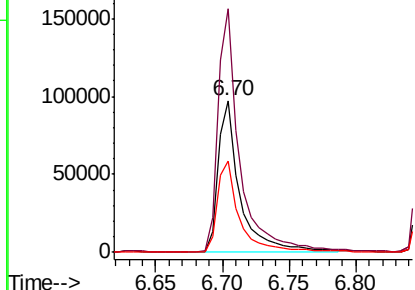
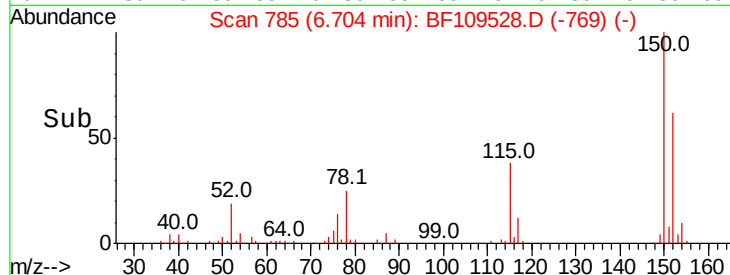


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

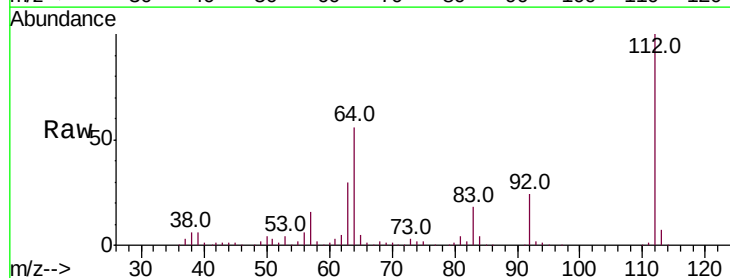
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 41.476 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109528.D
Acq: 3 Oct 2018 4:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.8	47.9	71.9
63	29.7	23.7	35.5

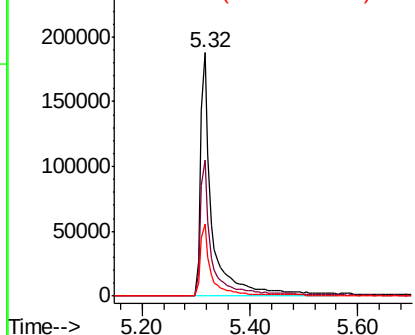
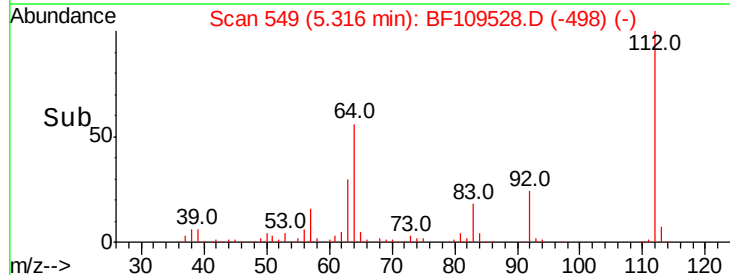


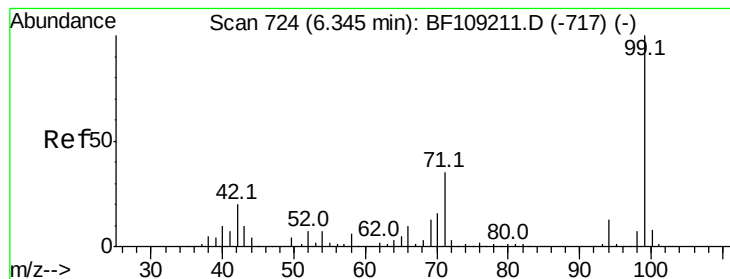
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 25.849 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109528.D

Acq: 3 Oct 2018 4:04

Instrument :

BNA_F

ClientSampleId :

092818-SIDI-F-D-B

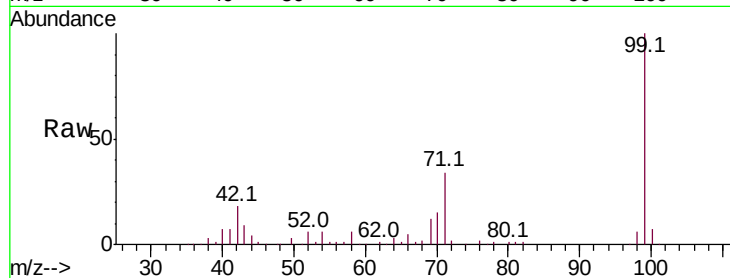
Tot Ion: 99 Resp: 227012

Ion Ratio Lower Upper

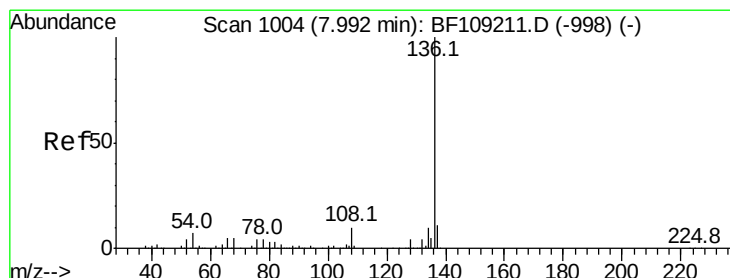
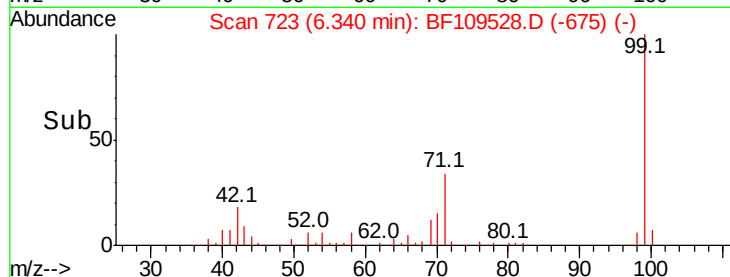
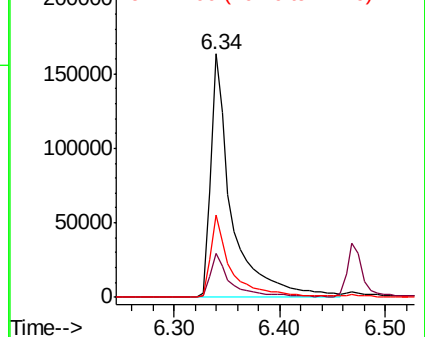
99 100

42 18.3 14.5 21.7

71 34.0 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF109528.D

Acq: 3 Oct 2018 4:04

Tgt Ion: 136 Resp: 431517

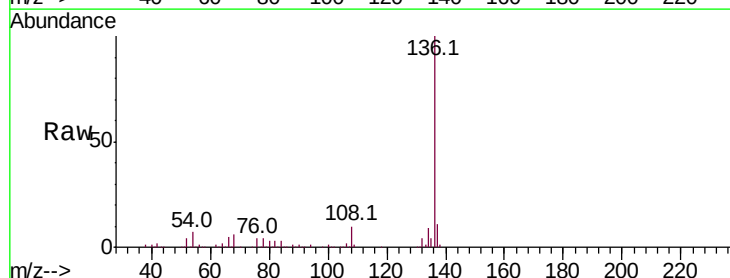
Ion Ratio Lower Upper

136 100

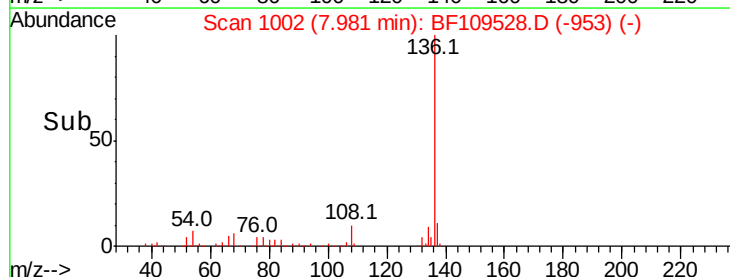
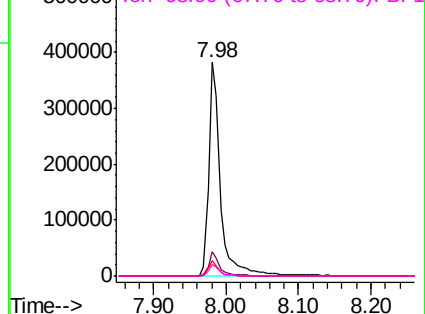
137 11.2 8.9 13.3

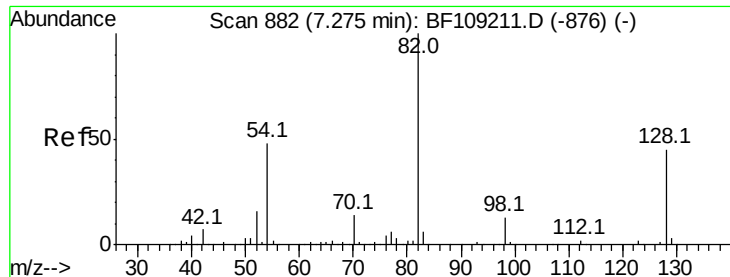
54 7.1 6.6 9.8

68 5.7 5.0 7.4



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





#23

Nitrobenzene-d5

Concen: 102.587 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF109528.D

Acq: 3 Oct 2018 4:04

Instrument :

BNA_F

ClientSampleId :

092818-SIDI-F-D-B

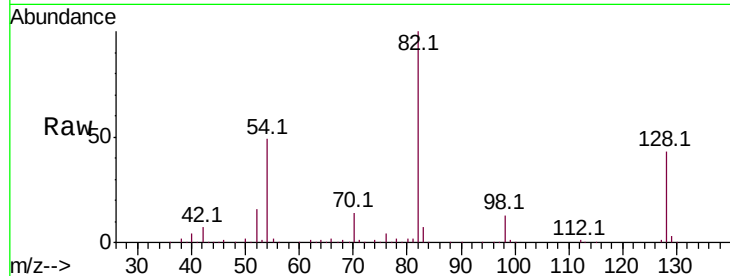
Tot Ion: 82 Resp: 749904

Ion Ratio Lower Upper

82 100

128 43.5 36.1 54.1

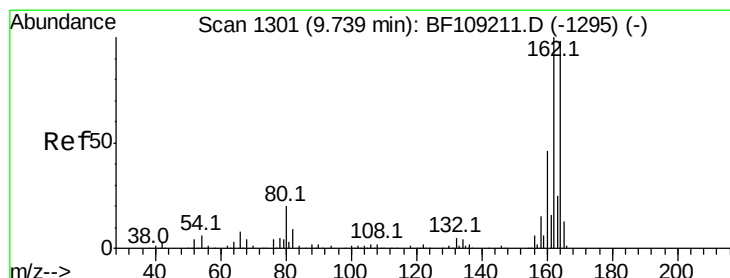
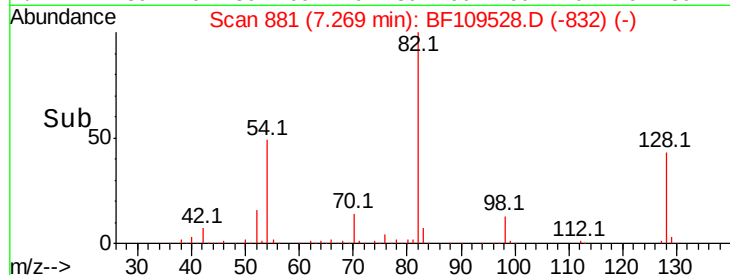
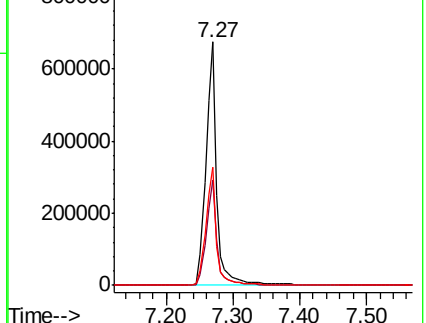
54 48.5 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF109528.D

Acq: 3 Oct 2018 4:04

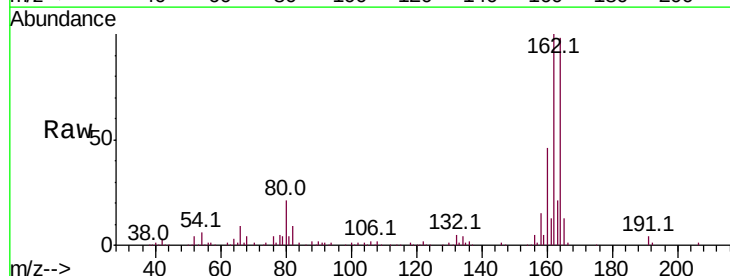
Tgt Ion:164 Resp: 205010

Ion Ratio Lower Upper

164 100

162 102.0 86.1 129.1

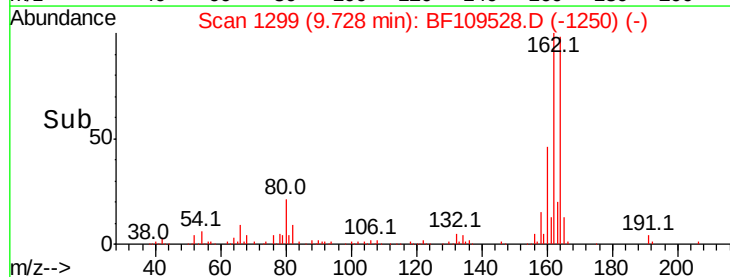
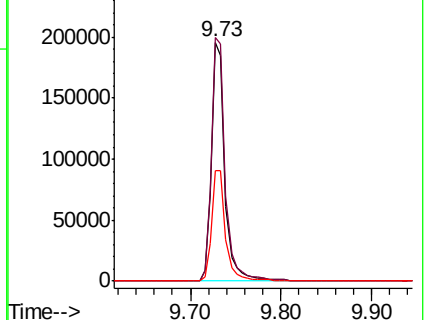
160 46.4 38.3 57.5

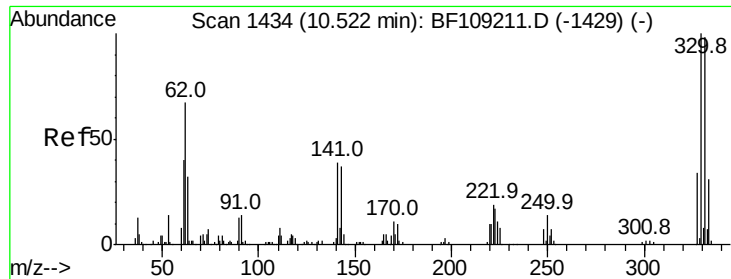


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

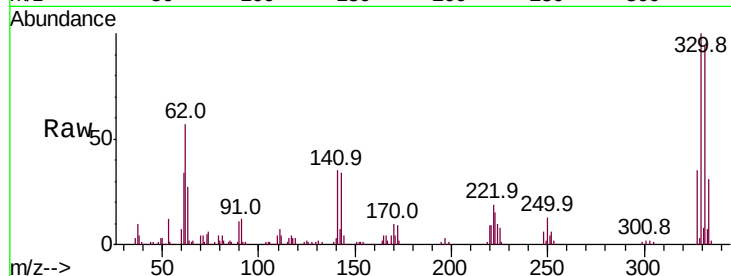




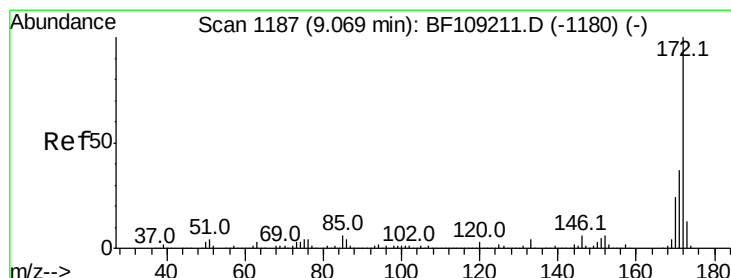
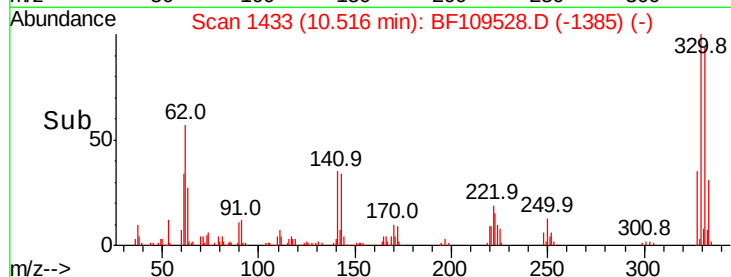
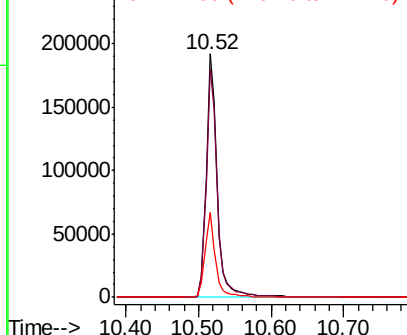
#41
 2,4,6-Tribromophenol
 Concen: 100.550 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF109528.D
 Acq: 3 Oct 2018 4:04

Instrument :
 BNA_F
 ClientSampleId :
 092818-SIDI-F-D-B

Tot Ion:330 Resp: 203208
 Ion Ratio Lower Upper
 330 100
 332 94.6 77.0 115.6
 141 33.6 29.9 44.9

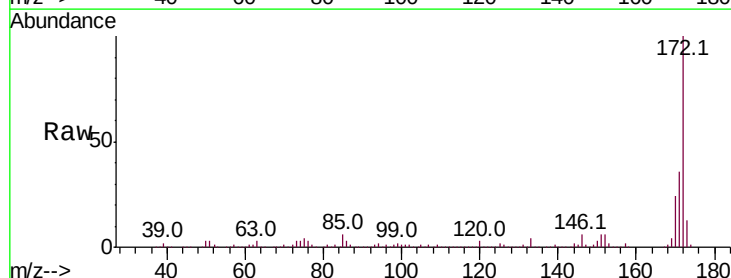


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

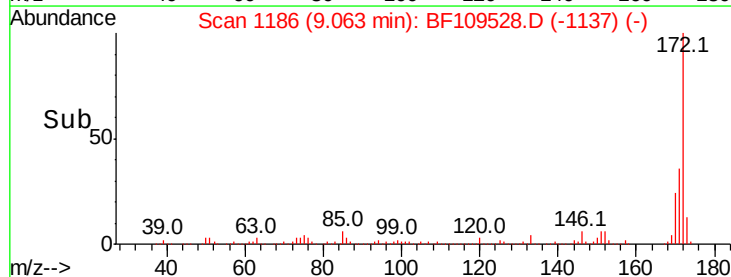
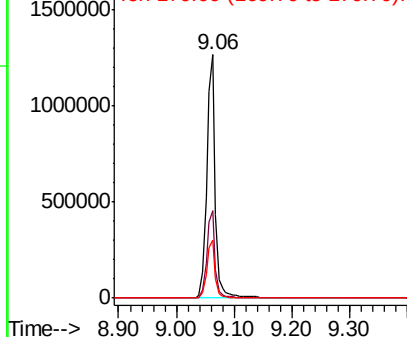


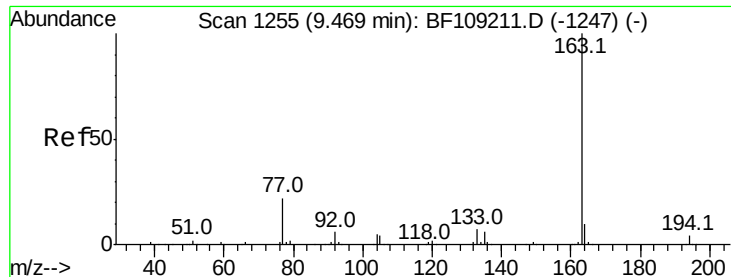
#44
 2-Fluorobiphenyl
 Concen: 97.531 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109528.D
 Acq: 3 Oct 2018 4:04

Tgt Ion:172 Resp: 1325743
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 23.7 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

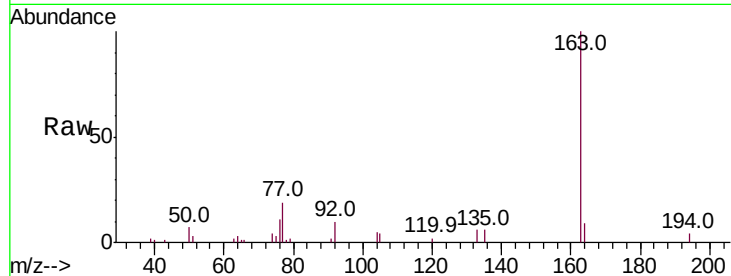




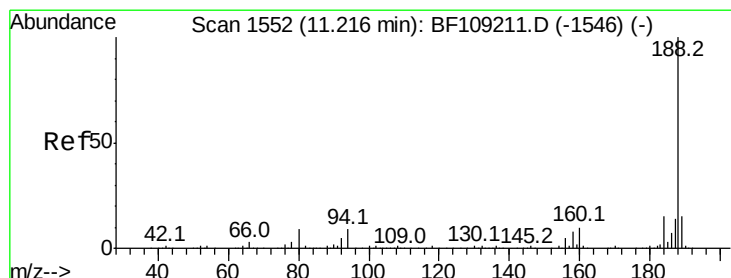
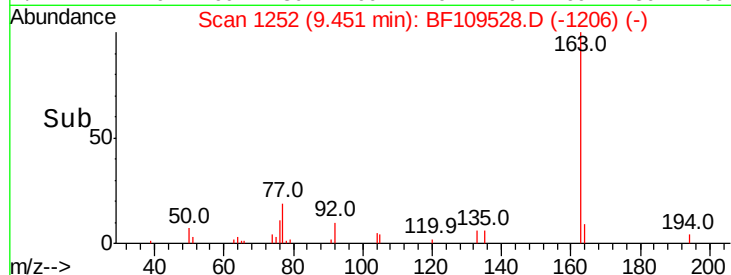
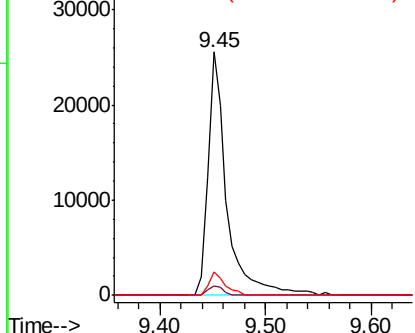
#49
Dimethylphthalate
Concen: 2.124 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109528.D
Acq: 3 Oct 2018 4:04

Instrument :
BNA_F
ClientSampleId :
092818-SIDI-F-D-B

Tot Ion:163 Resp: 31671
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 9.4 8.2 12.2

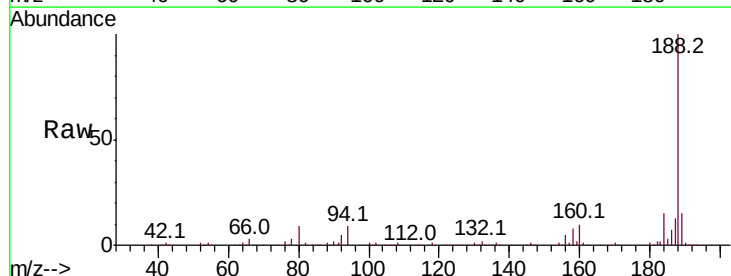


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

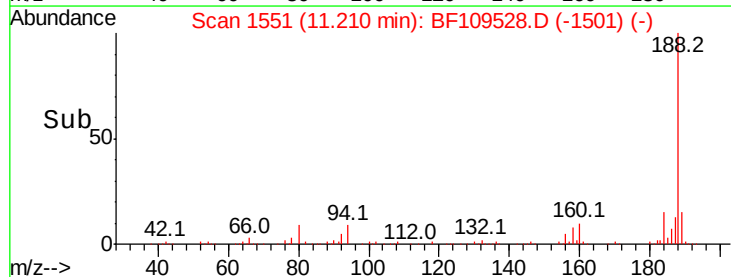
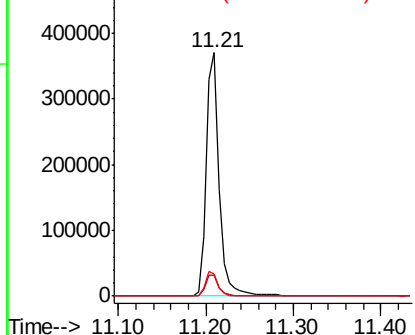


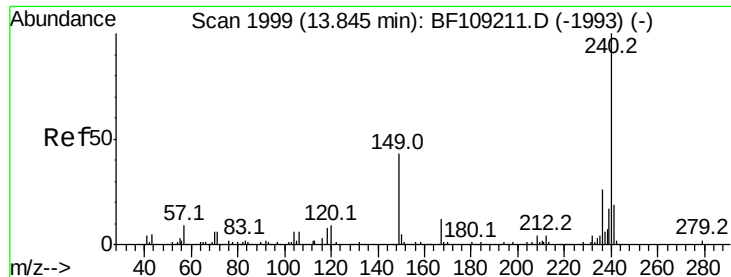
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109528.D
Acq: 3 Oct 2018 4:04

Tgt Ion:188 Resp: 379925
Ion Ratio Lower Upper
188 100
94 8.6 8.5 12.7
80 9.2 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF109528.D

Acq: 3 Oct 2018 4:04

Instrument :

BNA_F

ClientSampleId :

092818-SIDI-F-D-B

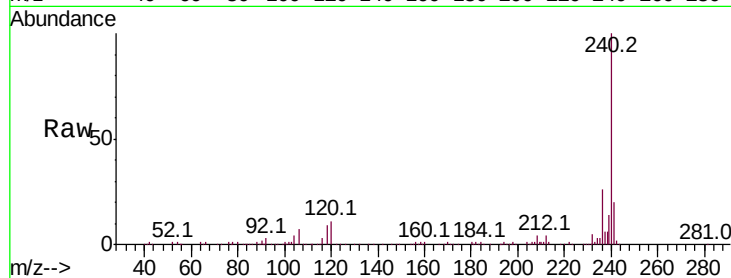
Tot Ion:240 Resp: 281305

Ion Ratio Lower Upper

240 100

120 10.8 9.5 14.3

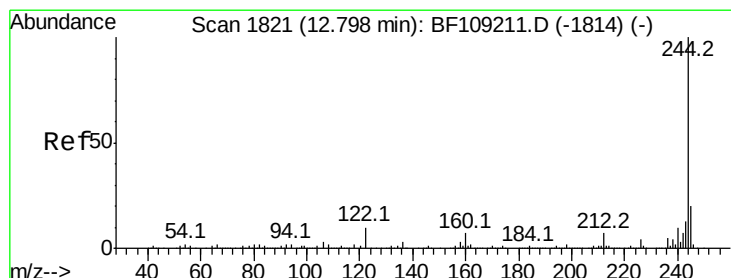
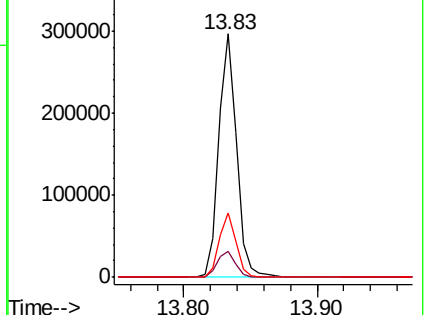
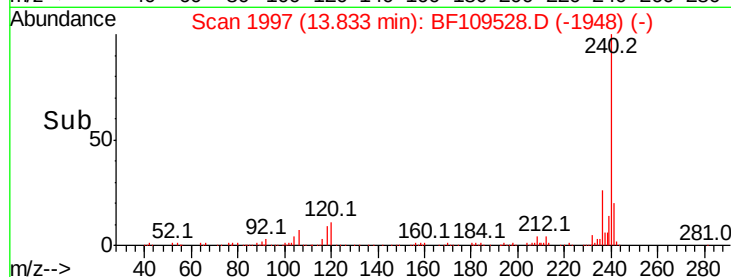
236 26.3 20.7 31.1



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: 105.898 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF109528.D

Acq: 3 Oct 2018 4:04

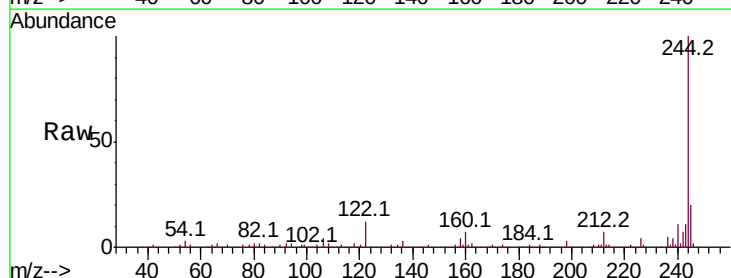
Tgt Ion:244 Resp: 1213840

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

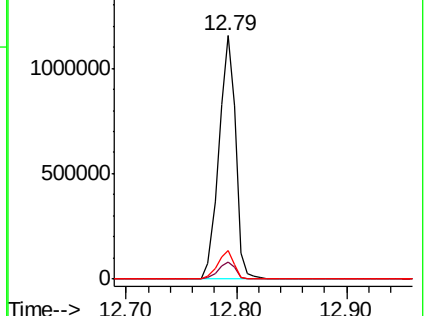
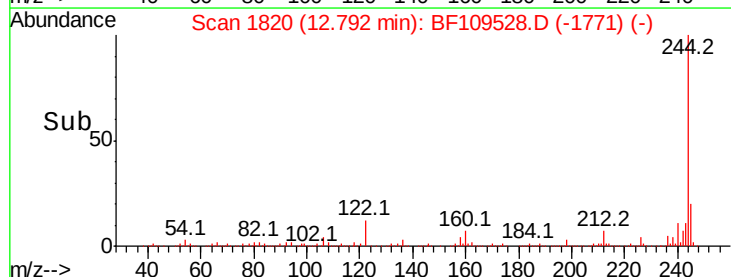
122 11.6 11.0 16.4

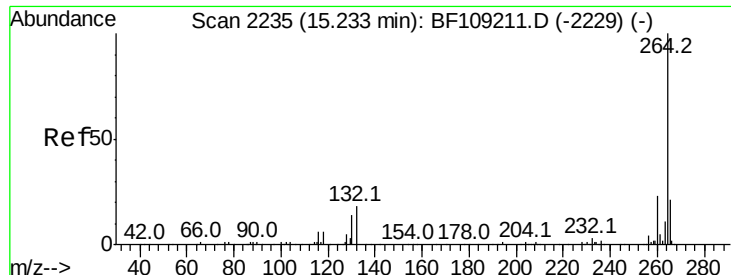


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlone-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF109528.D
Acq: 3 Oct 2018 4:04

Instrument :
BNA_F
ClientSampleId :
092818-SIDI-F-D-B

Tot Ion:	264	Resp:	272296
Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.7	17.5	26.3

