

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100218\
 Data File : BF109532.D
 Acq On : 3 Oct 2018 5:49
 Operator : JU/SJ
 Sample : J5187-11
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 092818-SIDI-F-U-M

Quant Time: Oct 03 09:22:14 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

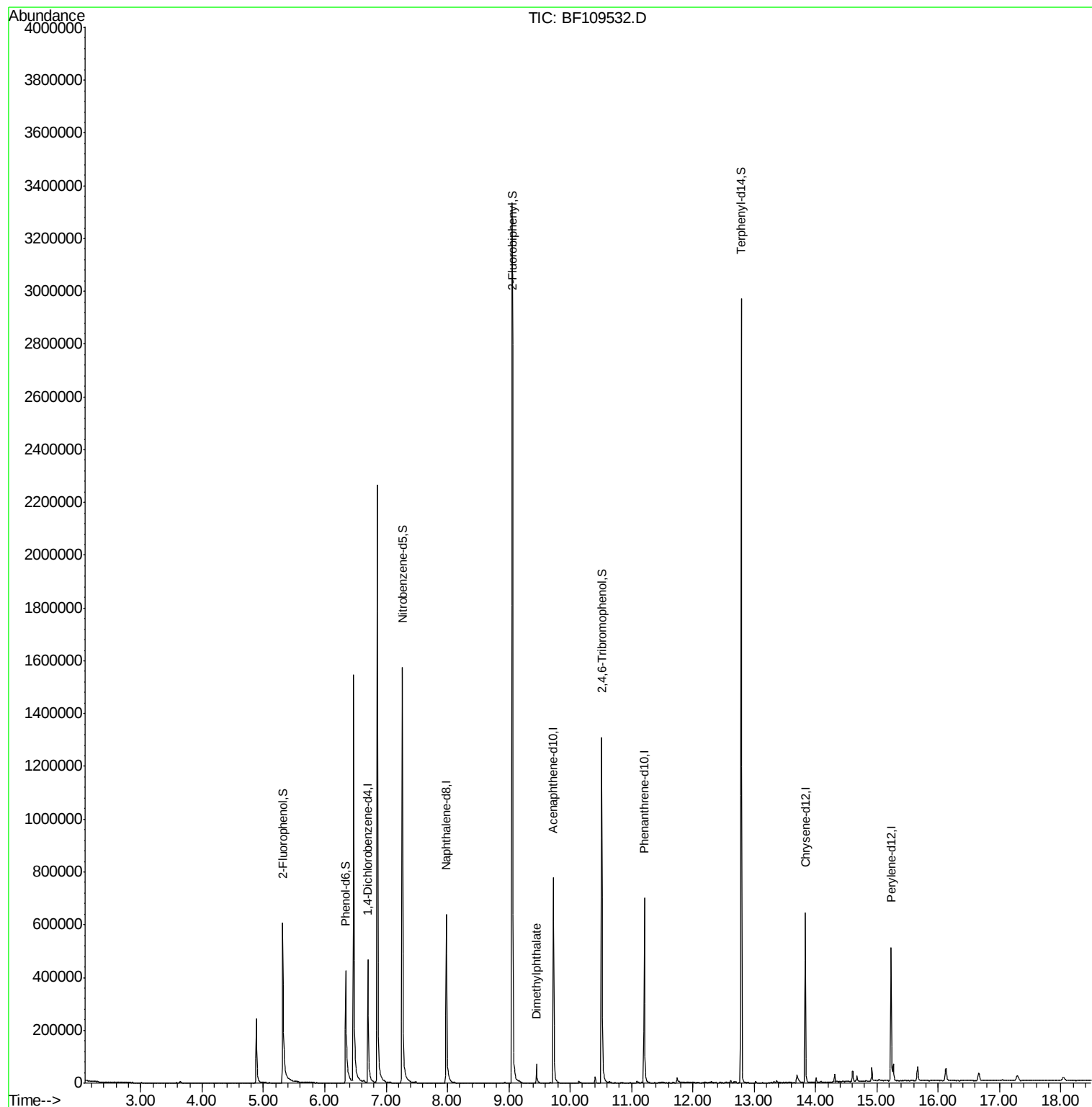
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	96030	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	366035	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	167074	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	299913	20.00	ng	0.00
75) Chrysene-d12	13.83	240	229062	20.00	ng	-0.01
86) Perylene-d12	15.23	264	236305	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	268453	46.04	ng	0.00
7) Phenol-d6	6.34	99	218569	29.38	ng	-0.02
23) Nitrobenzene-d5	7.27	82	680375	109.73	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	176655	107.26	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	1204334	108.72	ng	-0.02
78) Terphenyl-d14	12.79	244	1041402	111.58	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.45	163	40405	3.325	ng	99

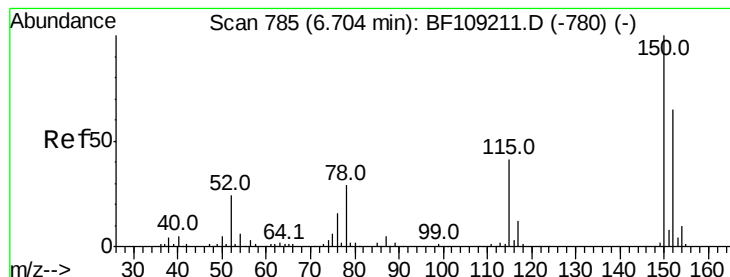
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.01 min

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Acq: 3 Oct 2018 5:49

Instrument :

BNA_F

ClientSampleId :

092818-SIDI-F-U-M

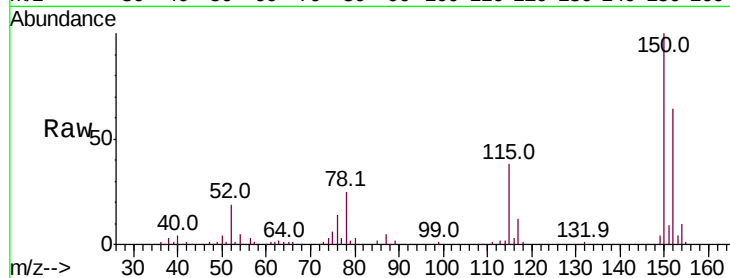
Tot Ion:152 Resp: 96030

Ion Ratio Lower Upper

152 100

150 155.3 124.6 186.8

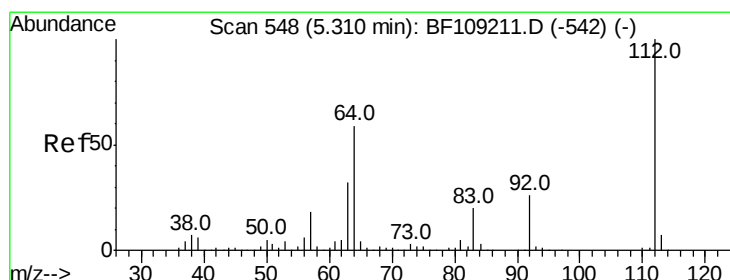
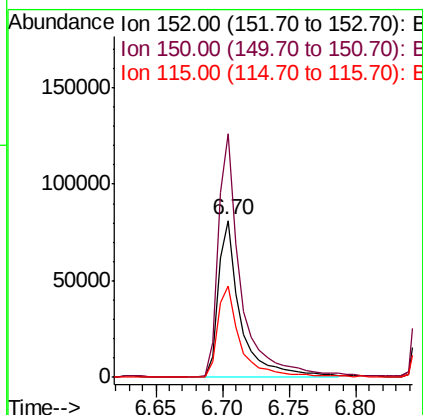
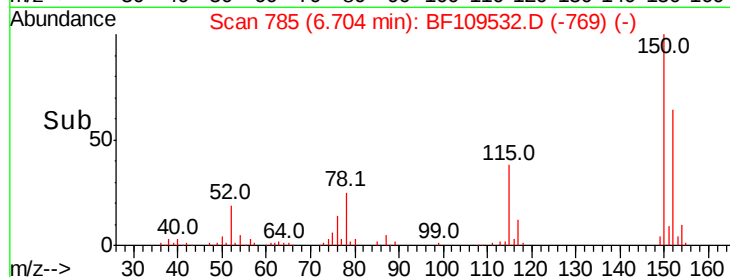
115 58.2 50.1 75.1



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: 46.044 ng

RT: 5.32 min Scan# 549

Delta R.T. -0.00 min

Lab File: BF109532.D

Acq: 3 Oct 2018 5:49

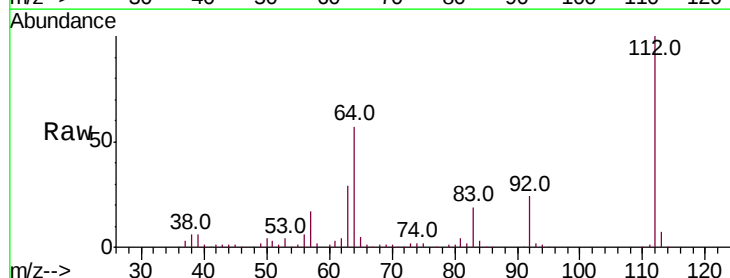
Tgt Ion:112 Resp: 268453

Ion Ratio Lower Upper

112 100

64 56.5 47.9 71.9

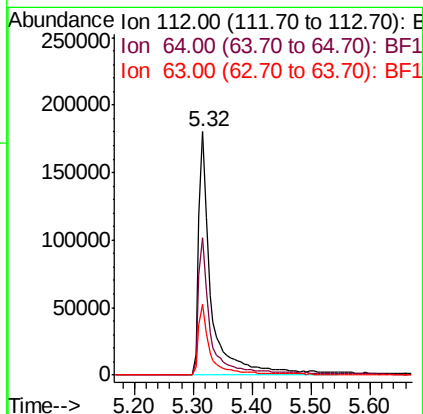
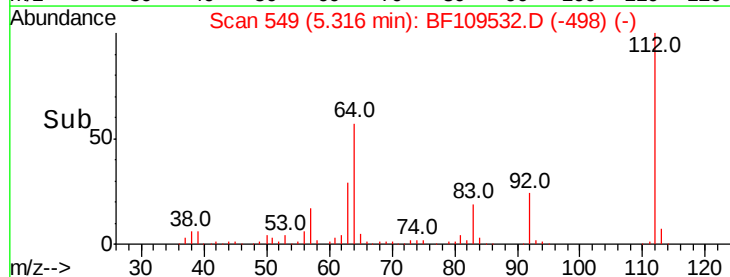
63 29.3 23.7 35.5



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: 29.379 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109532.D

Acq: 3 Oct 2018 5:49

Instrument :

BNA_F

ClientSampleId :

092818-SIDI-F-U-M

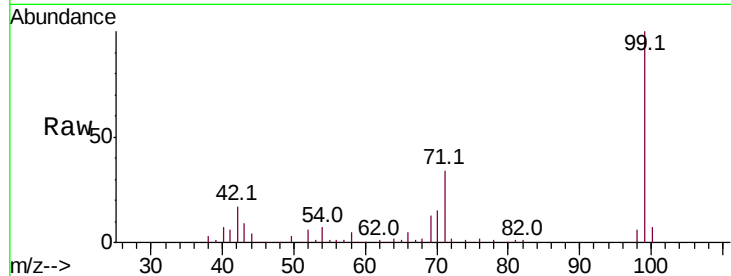
Tot Ion: 99 Resp: 218569

Ion Ratio Lower Upper

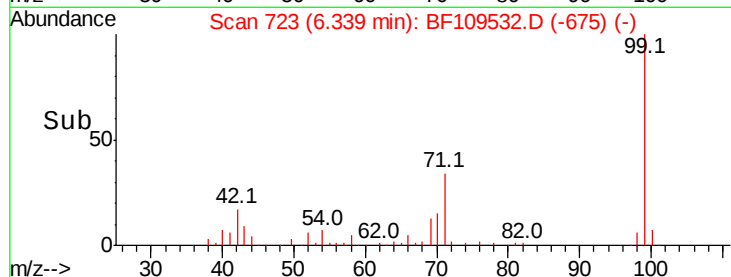
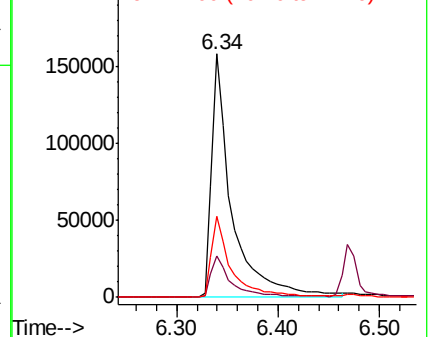
99 100

42 16.9 14.5 21.7

71 33.5 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: BF109532.D

Acq: 3 Oct 2018 5:49

Tgt Ion: 136 Resp: 366035

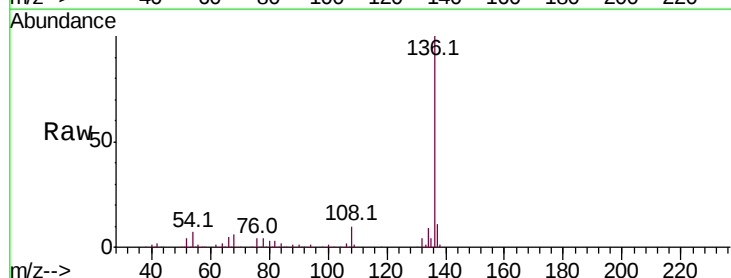
Ion Ratio Lower Upper

136 100

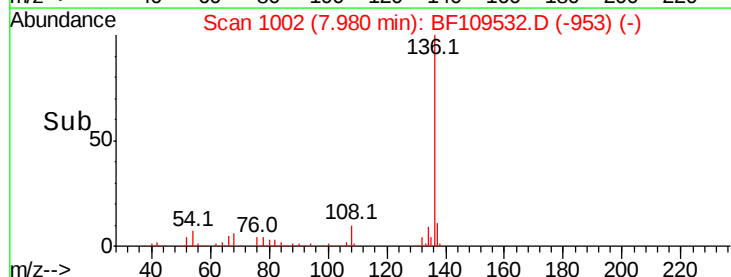
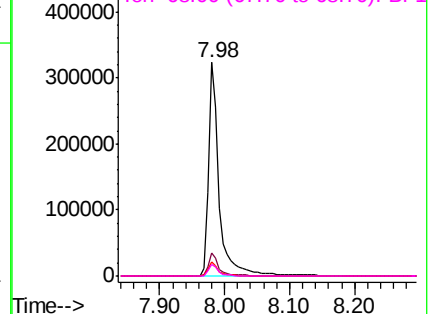
137 10.9 8.9 13.3

54 6.9 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

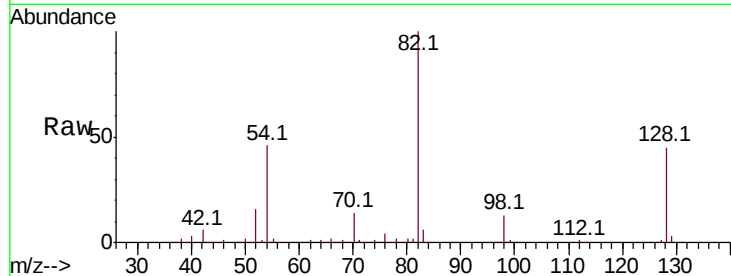




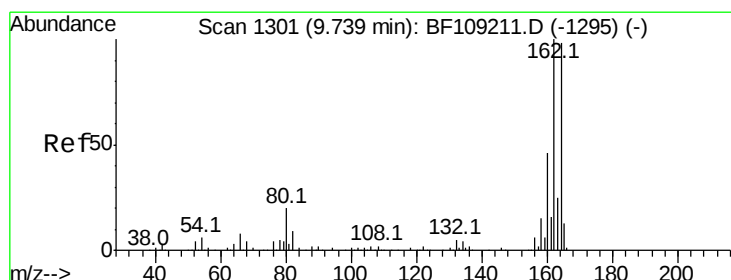
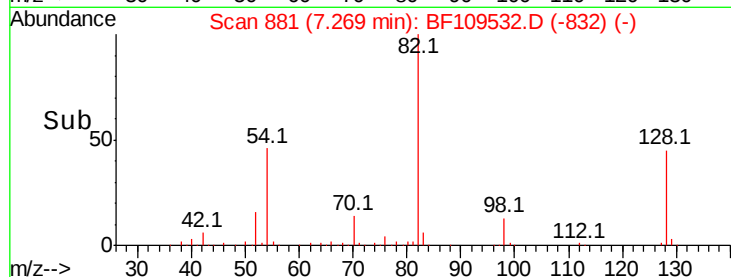
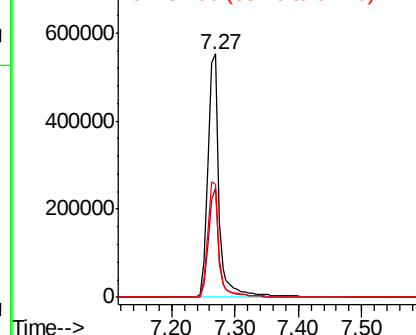
#23
 Nitrobenzene-d5
 Concen: 109.726 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF109532.D
 Acq: 3 Oct 2018 5:49

Instrument :
 BNA_F
 ClientSampleId :
 092818-SIDI-F-U-M

Tot Ion	82	Resp	680375
Ion Ratio	Lower	Upper	
82	100		
128	44.7	36.1	54.1
54	46.5	41.4	62.2

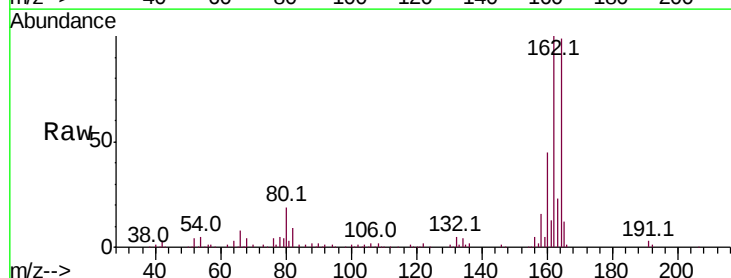


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

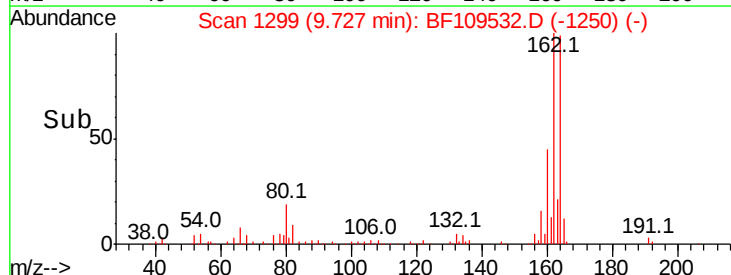
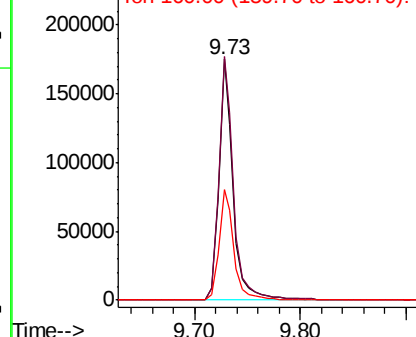


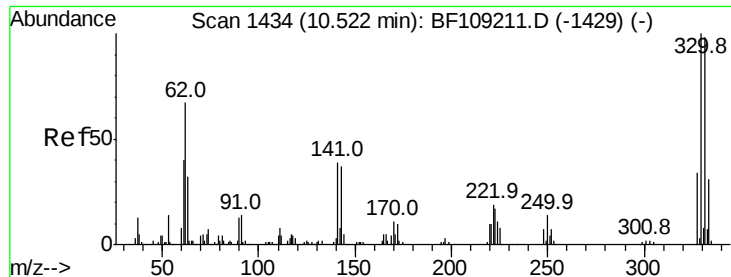
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF109532.D
 Acq: 3 Oct 2018 5:49

Tgt Ion	164	Resp	167074
Ion Ratio	Lower	Upper	
164	100		
162	101.1	86.1	129.1
160	45.9	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

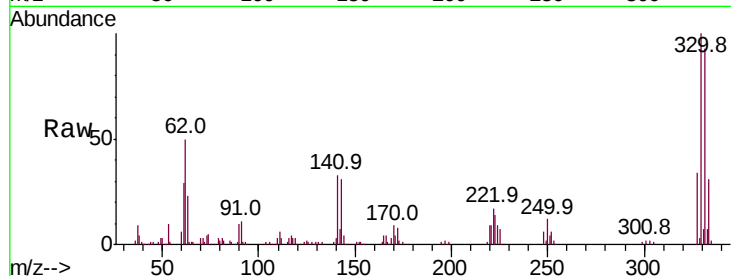




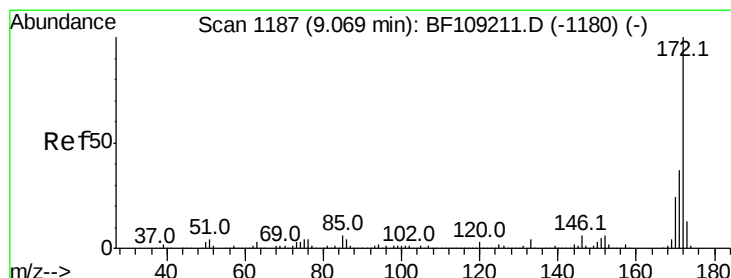
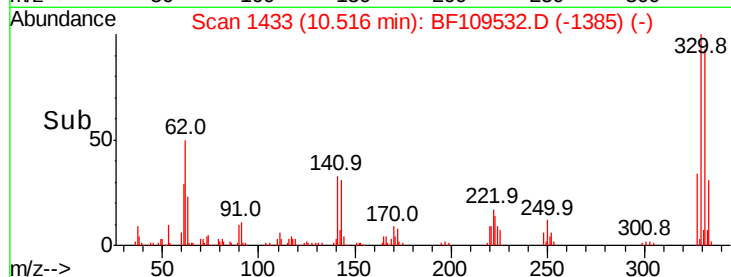
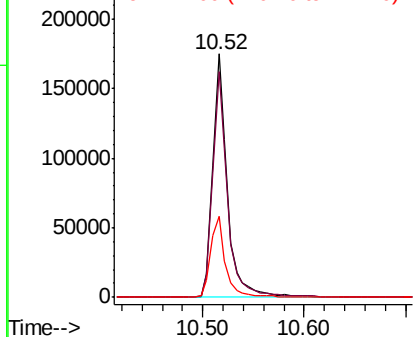
#41
 2,4,6-Tribromophenol
 Concen: 107.259 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF109532.D
 Acq: 3 Oct 2018 5:49

Instrument :
 BNA_F
 ClientSampleId :
 092818-SIDI-F-U-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	33.7	29.9	44.9

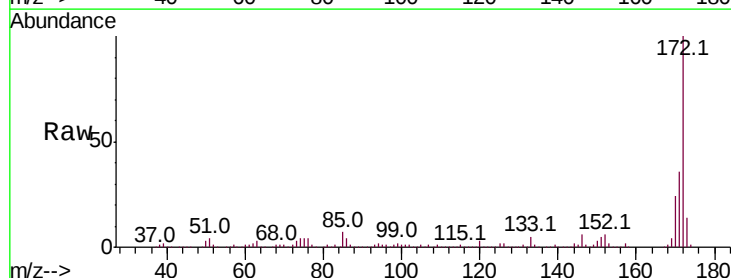


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

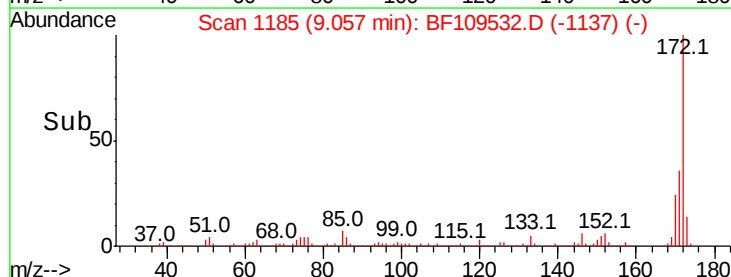
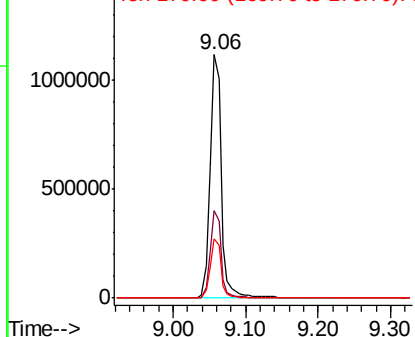


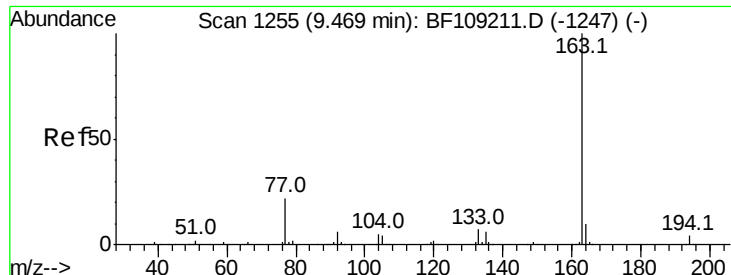
#44
 2-Fluorobiphenyl
 Concen: 108.716 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF109532.D
 Acq: 3 Oct 2018 5:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.4	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

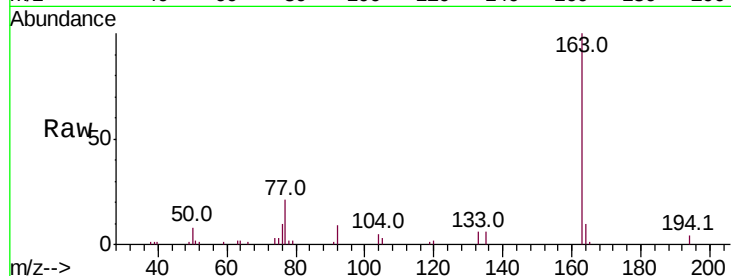




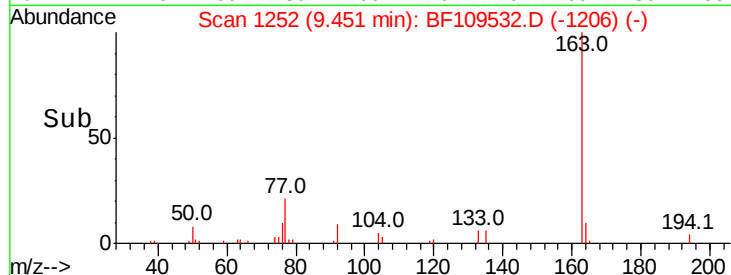
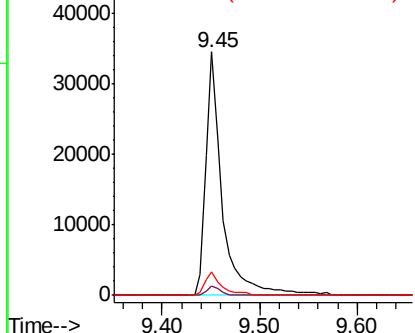
#49
Dimethylphthalate
Concen: 3.325 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109532.D
Acq: 3 Oct 2018 5:49

Instrument :
BNA_F
ClientSampleId :
092818-SIDI-F-U-M

Tot Ion:163 Resp: 40405
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 9.7 8.2 12.2

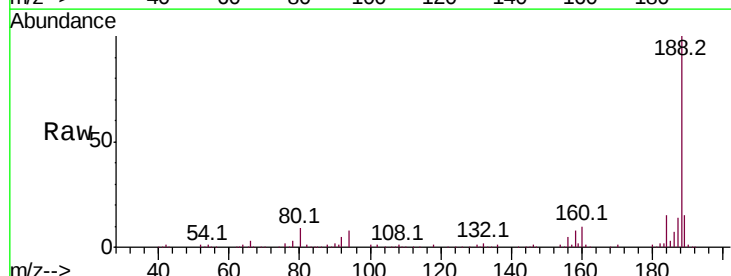


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

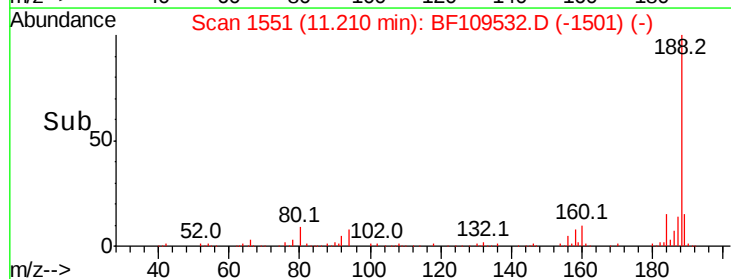
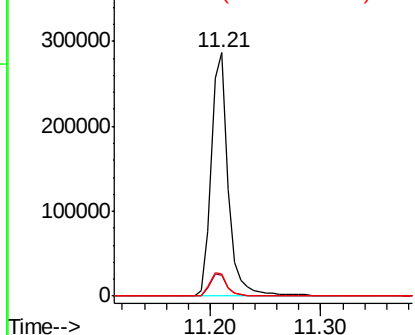


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109532.D
Acq: 3 Oct 2018 5:49

Tgt Ion:188 Resp: 299913
Ion Ratio Lower Upper
188 100
94 8.5 8.5 12.7#
80 9.3 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: BF109532.D

Acq: 3 Oct 2018 5:49

Instrument :

BNA_F

ClientSampleId :

092818-SIDI-F-U-M

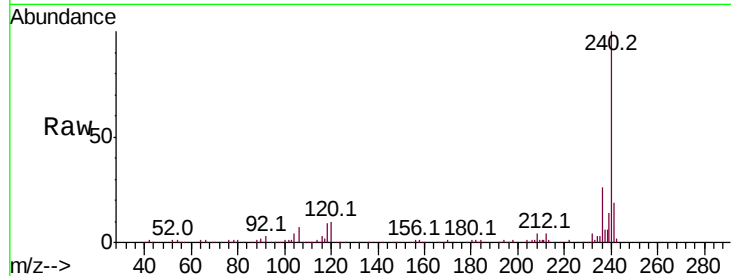
Tot Ion:240 Resp: 229062

Ion Ratio Lower Upper

240 100

120 10.3 9.5 14.3

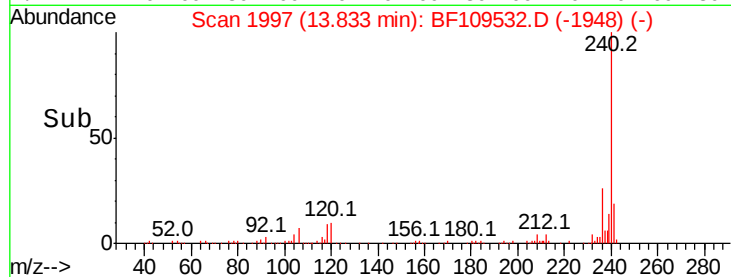
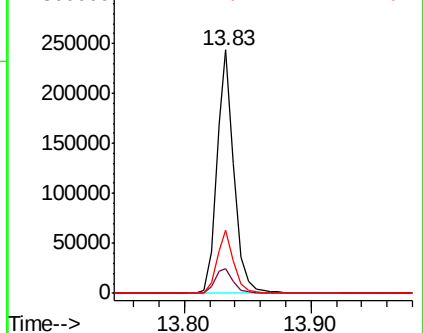
236 25.8 20.7 31.1



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: 111.576 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF109532.D

Acq: 3 Oct 2018 5:49

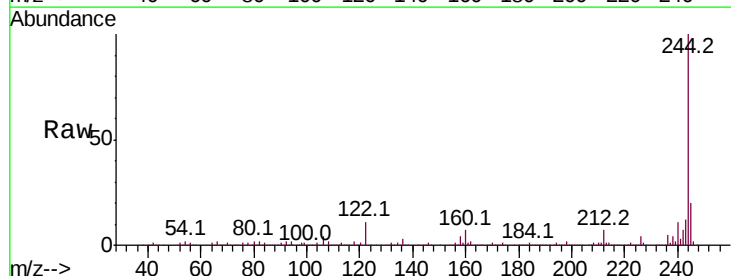
Tgt Ion:244 Resp: 1041402

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

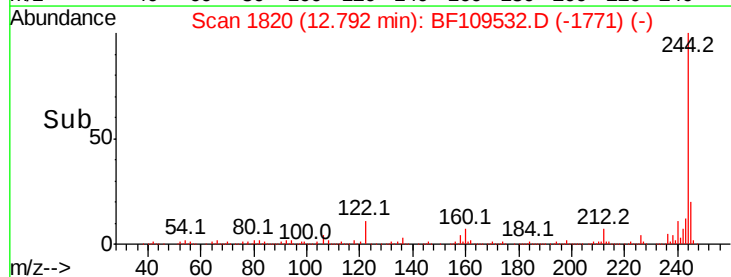
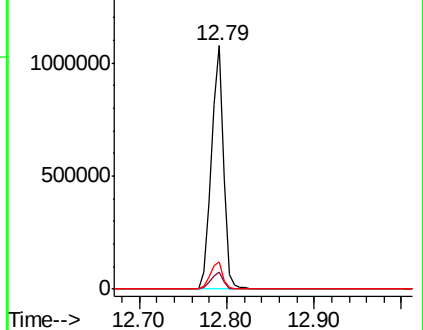
122 11.3 11.0 16.4

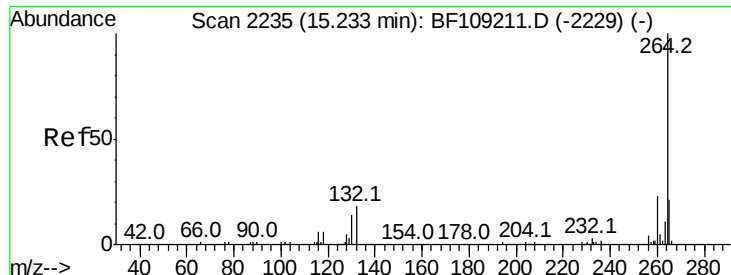


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF109532.D
Acq: 3 Oct 2018 5:49

Instrument :
BNA_F
ClientSampleId :
092818-SIDI-F-U-M

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.8	17.5	26.3

