

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092618\
 Data File : BF109368.D
 Acq On : 27 Sep 2018 5:49
 Operator : JU/SJ
 Sample : J5051-04
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 092118-SIDI-F-U-B

Quant Time: Sep 27 07:49:24 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

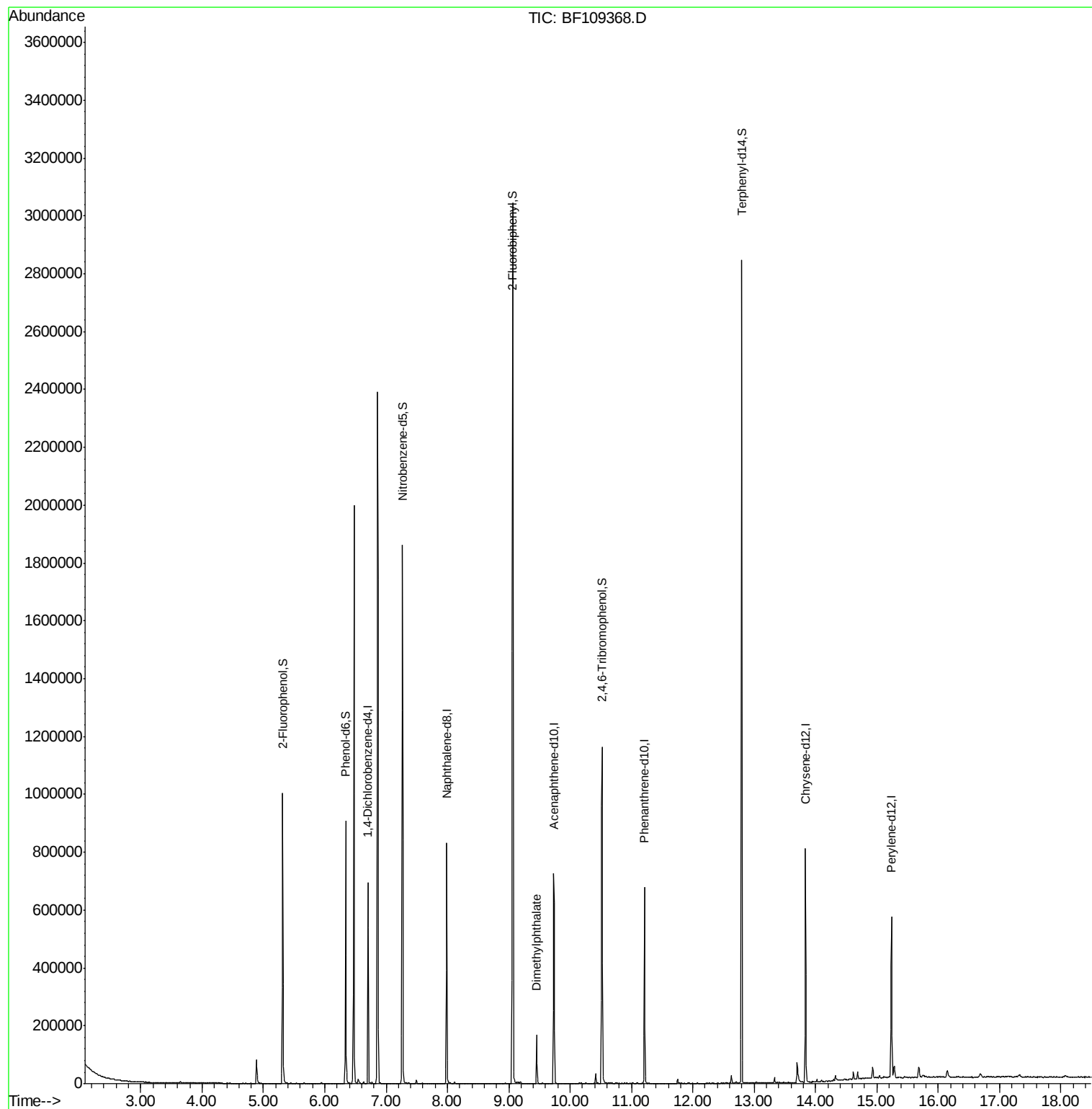
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	98372	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	343871	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	141856	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	247022	20.00	ng	0.00
75) Chrysene-d12	13.84	240	264915	20.00	ng	0.00
86) Perylene-d12	15.24	264	241744	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	281826	47.19	ng	0.00
7) Phenol-d6	6.34	99	259035	33.99	ng	-0.02
23) Nitrobenzene-d5	7.27	82	608628	104.48	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	139525	99.77	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	973279	103.48	ng	-0.01
78) Terphenyl-d14	12.80	244	965382	89.43	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.46	163	68164	6.607	ng	Qvalue # 99

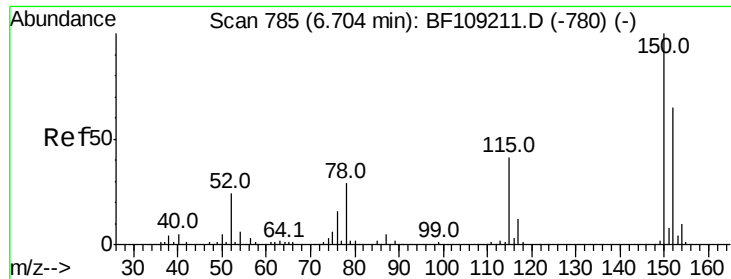
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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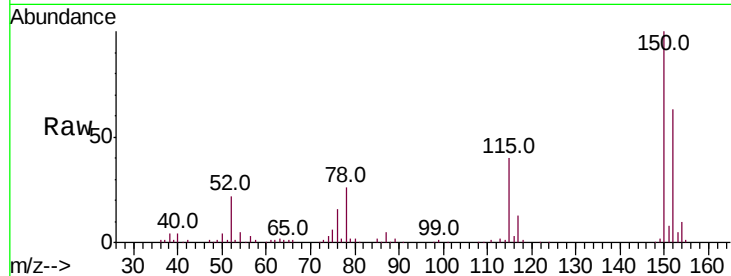


#1

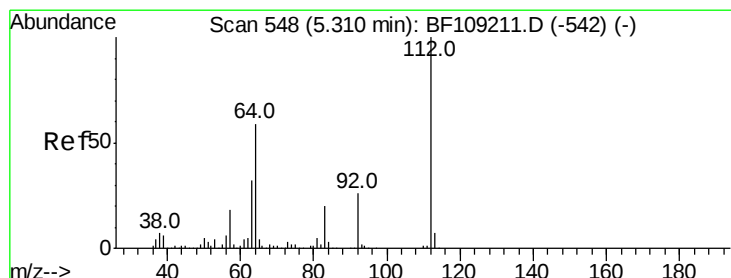
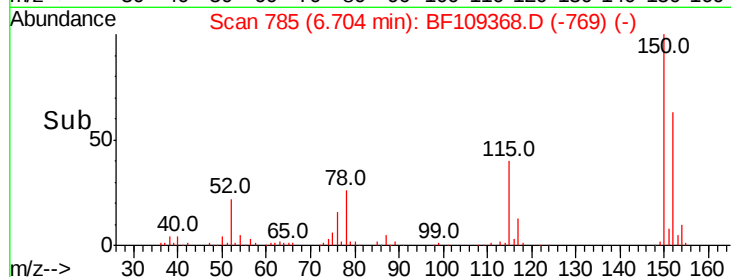
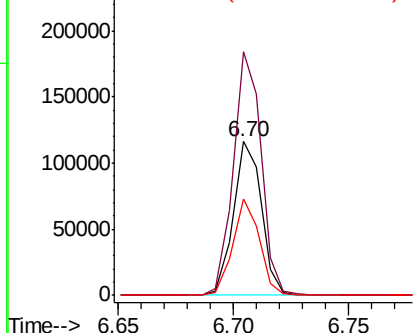
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109368.D
Acq: 27 Sep 2018 5:49

Instrument :
BNA_F
ClientSampleId :
092118-SIDI-F-U-B

Tot Ion:152 Resp: 98372
Ion Ratio Lower Upper
152 100
150 158.4 124.6 186.8
115 62.7 50.1 75.1



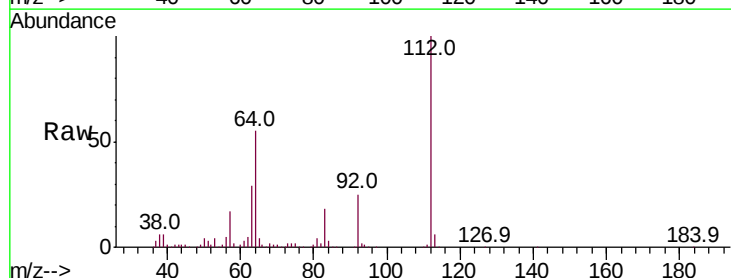
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



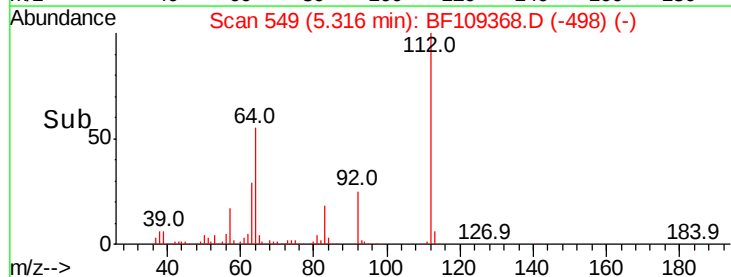
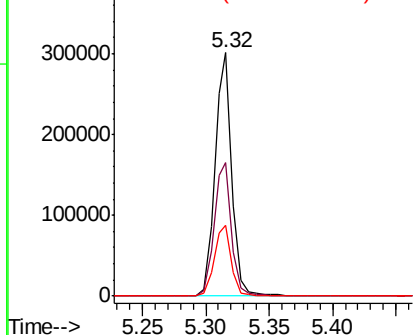
#5

2-Fluorophenol
Concen: 47.187 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109368.D
Acq: 27 Sep 2018 5:49

Tgt Ion:112 Resp: 281826
Ion Ratio Lower Upper
112 100
64 54.9 47.9 71.9
63 29.0 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: 33.989 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109368.D

Acq: 27 Sep 2018 5:49

Instrument :

BNA_F

ClientSampleId :

092118-SIDI-F-U-B

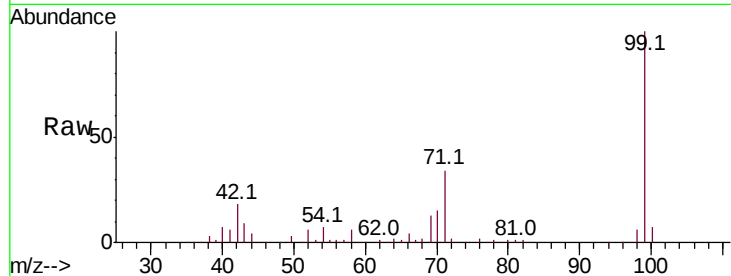
Tot Ion: 99 Resp: 259035

Ion Ratio Lower Upper

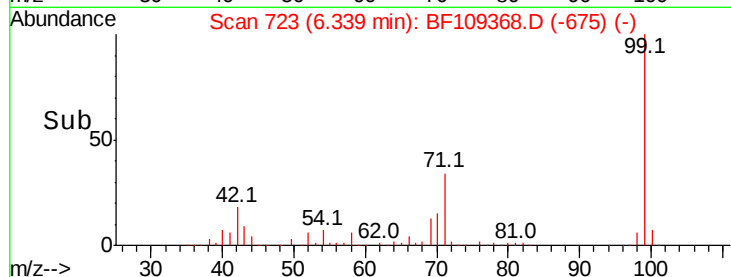
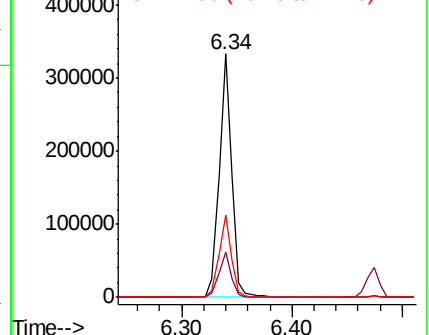
99 100

42 18.4 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: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109368.D

Acq: 27 Sep 2018 5:49

Tgt Ion: 136 Resp: 343871

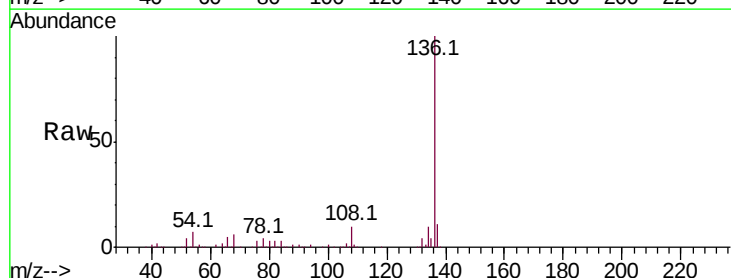
Ion Ratio Lower Upper

136 100

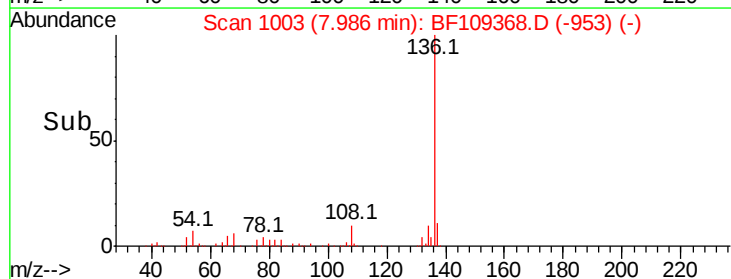
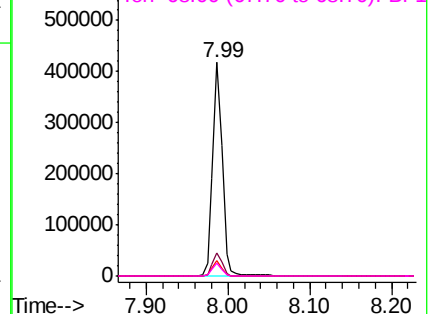
137 10.9 8.9 13.3

54 7.0 6.6 9.8

68 5.9 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: 104.482 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF109368.D

Acq: 27 Sep 2018 5:49

Instrument :

BNA_F

ClientSampleId :

092118-SIDI-F-U-B

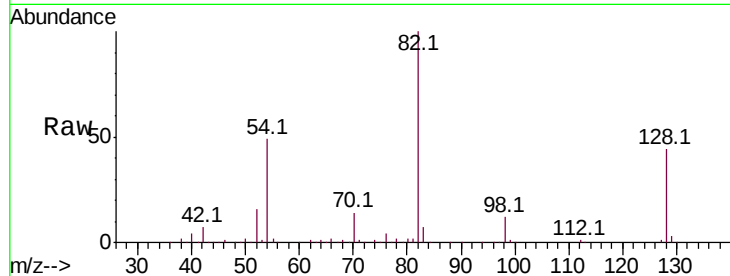
Tot Ion: 82 Resp: 608628

Ion Ratio Lower Upper

82 100

128 43.6 36.1 54.1

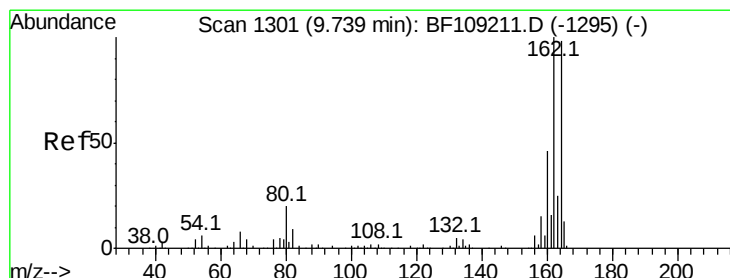
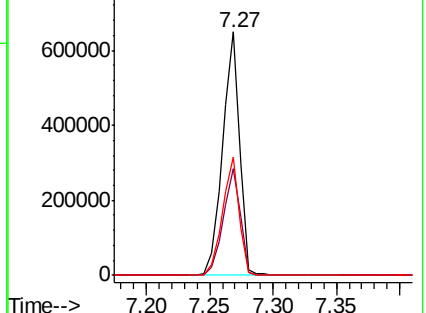
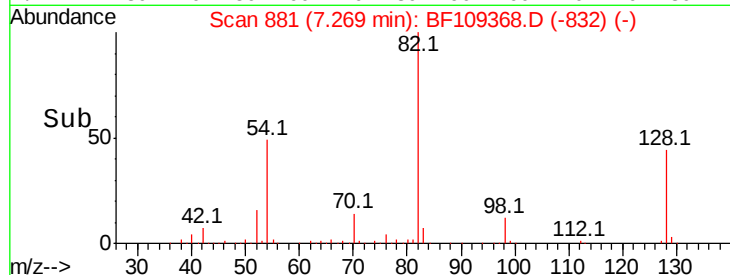
54 48.7 41.4 62.2



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# 1300

Delta R.T. -0.01 min

Lab File: BF109368.D

Acq: 27 Sep 2018 5:49

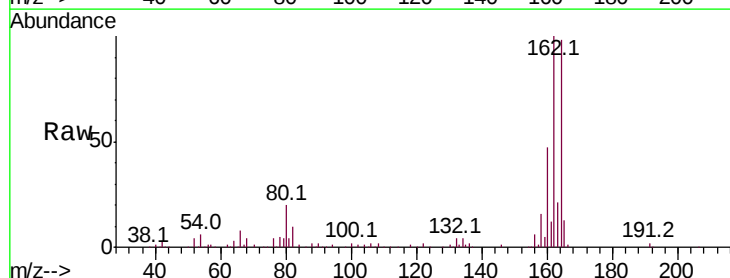
Tgt Ion:164 Resp: 141856

Ion Ratio Lower Upper

164 100

162 101.7 86.1 129.1

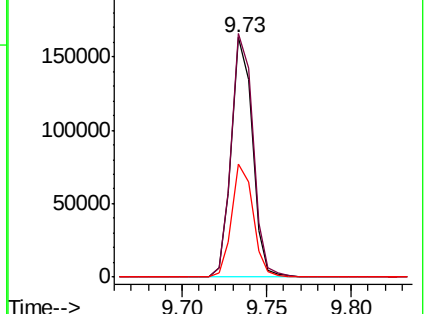
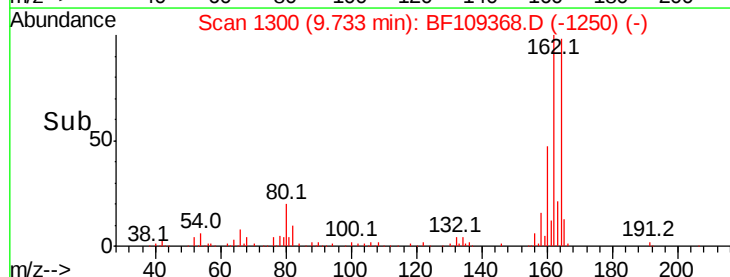
160 47.4 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

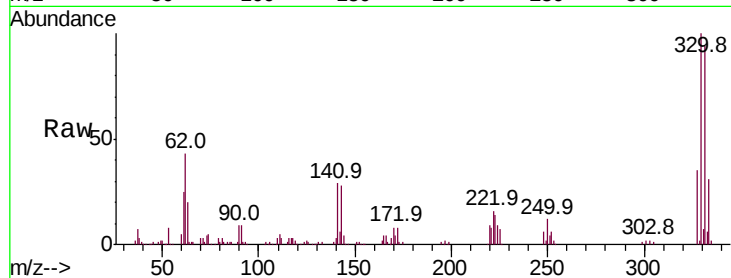




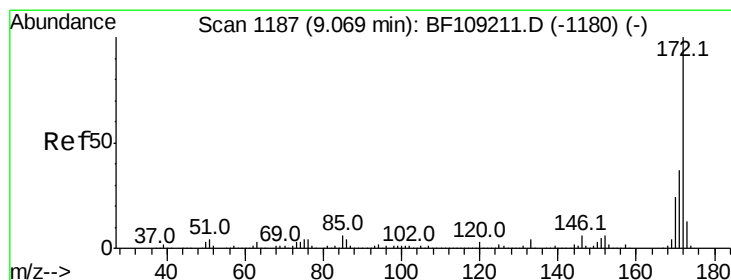
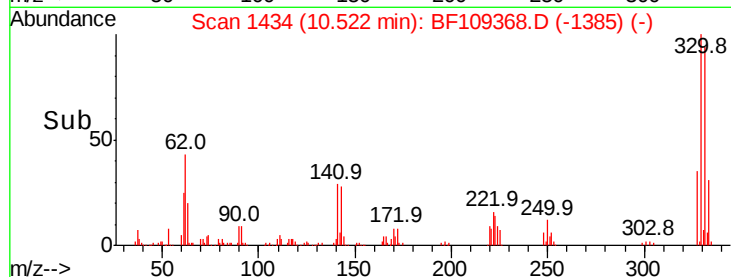
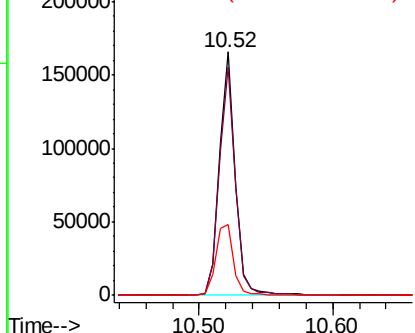
#41
 2,4,6-Tribromophenol
 Concen: 99.774 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109368.D
 Acq: 27 Sep 2018 5:49

Instrument :
 BNA_F
 ClientSampleId :
 092118-SIDI-F-U-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	32.3	29.9	44.9

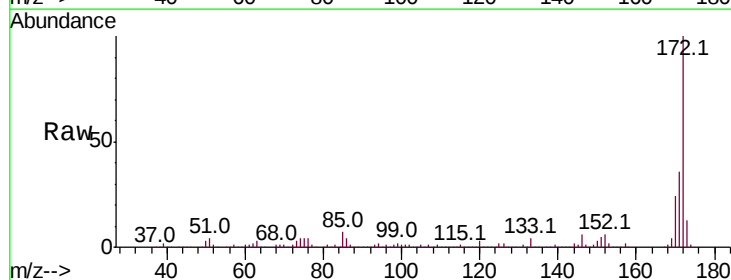


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

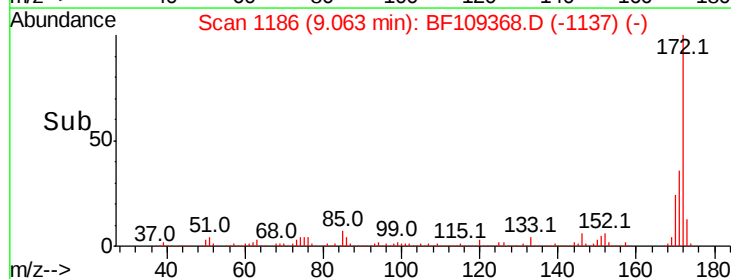
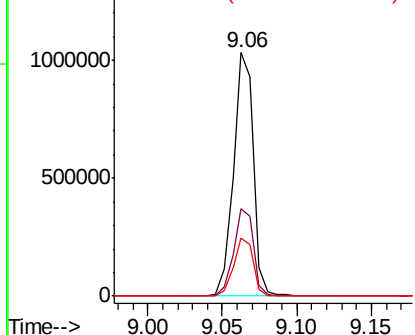


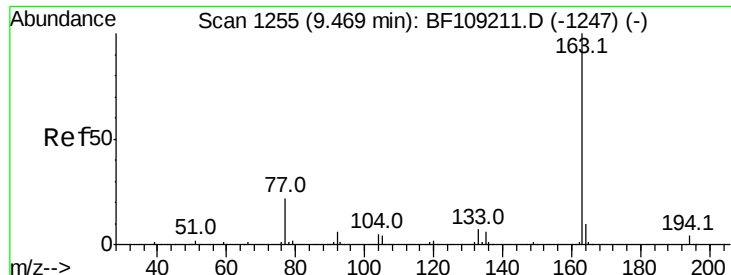
#44
 2-Fluorobiphenyl
 Concen: 103.478 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109368.D
 Acq: 27 Sep 2018 5:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.1	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

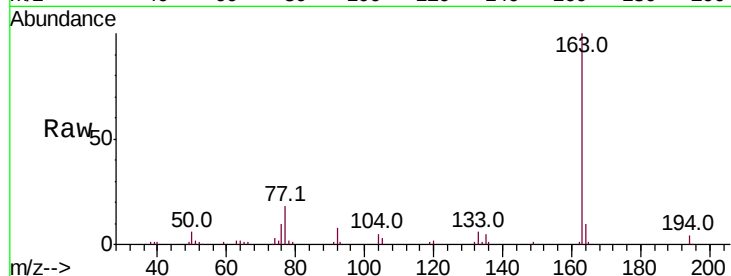




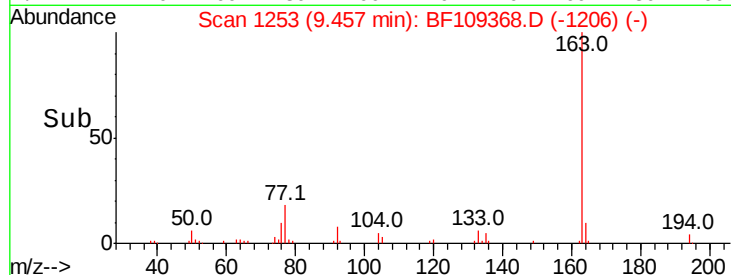
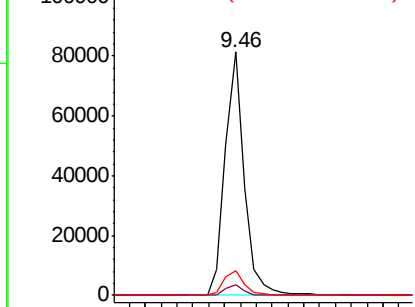
#49
Dimethylphthalate
Concen: 6.607 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109368.D
Acq: 27 Sep 2018 5:49

Instrument :
BNA_F
ClientSampleId :
092118-SIDI-F-U-B

Tot Ion:163 Resp: 68164
Ion Ratio Lower Upper
163 100
194 4.4 2.7 4.1#
164 9.9 8.2 12.2

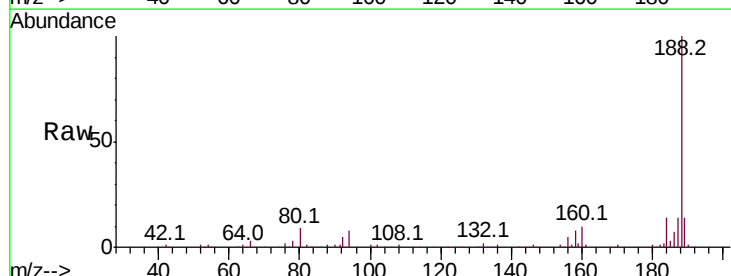


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

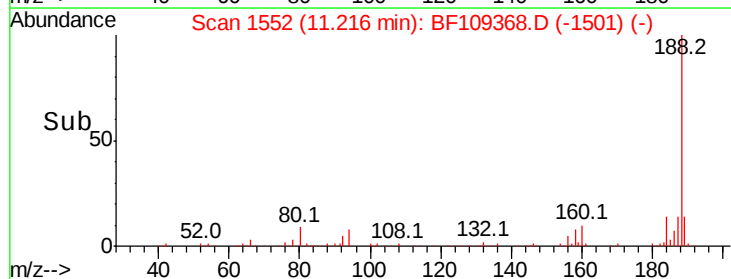
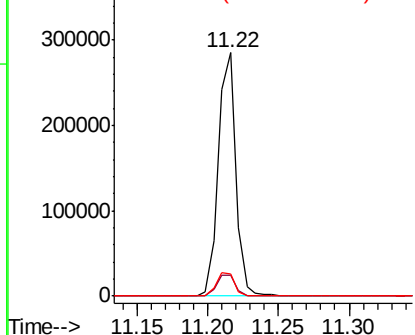


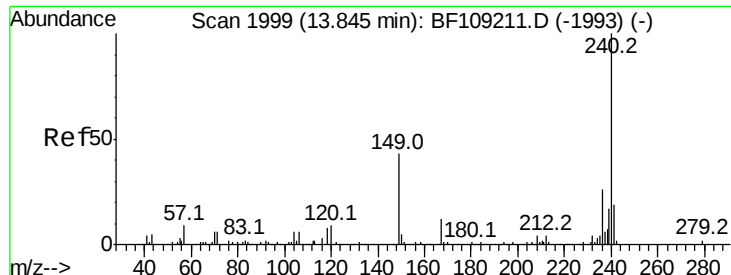
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109368.D
Acq: 27 Sep 2018 5:49

Tgt Ion:188 Resp: 247022
Ion Ratio Lower Upper
188 100
94 8.4 8.5 12.7#
80 8.9 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: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF109368.D

Acq: 27 Sep 2018 5:49

Instrument :

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ClientSampleId :

092118-SIDI-F-U-B

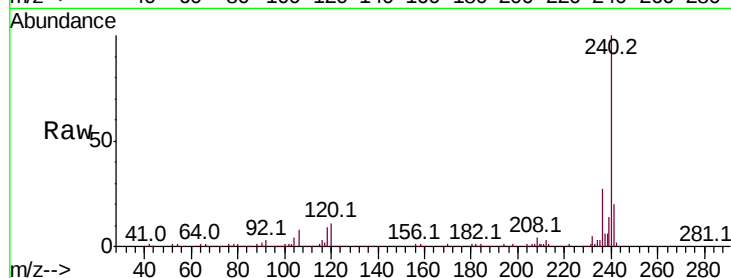
Tot Ion:240 Resp: 264915

Ion Ratio Lower Upper

240 100

120 10.8 9.5 14.3

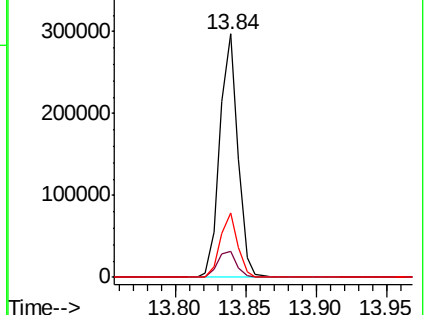
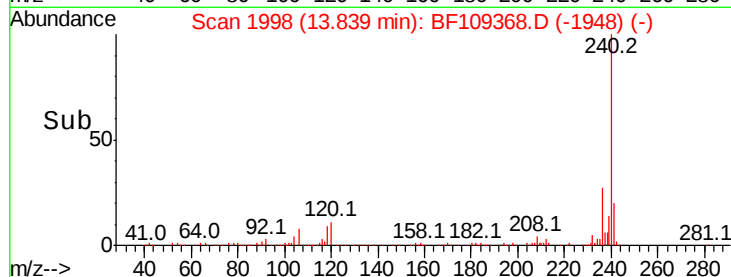
236 26.6 20.7 31.1



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: 89.433 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109368.D

Acq: 27 Sep 2018 5:49

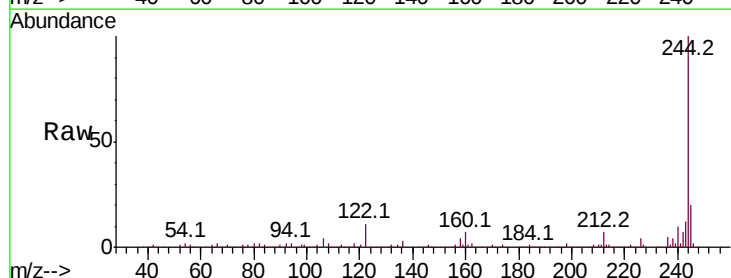
Tgt Ion:244 Resp: 965382

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

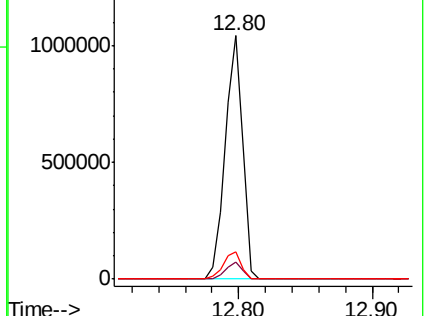
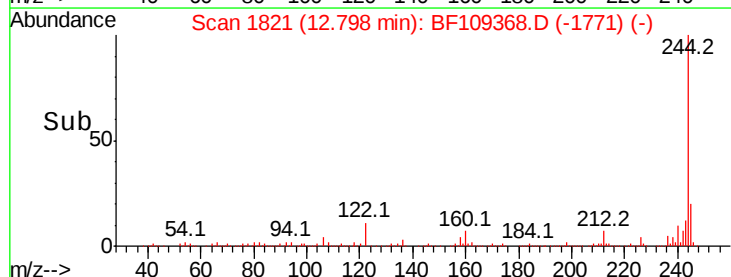
122 11.1 11.0 16.4

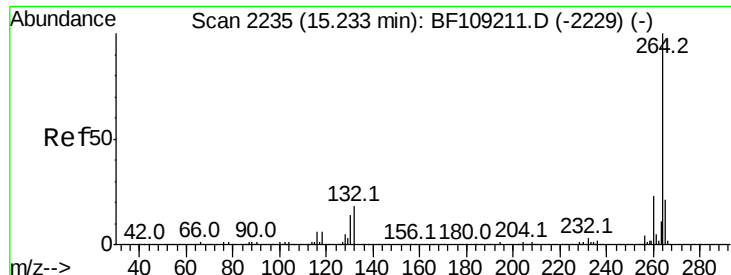


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.24 min Scan# 2236
 Delta R.T. 0.00 min
 Lab File: BF109368.D
 Acq: 27 Sep 2018 5:49

Instrument :
 BNA_F
 ClientSampleId :
 092118-SIDI-F-U-B

Tot Ion: 264 Resp: 241744
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.3 17.5 26.3

