

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092718\
 Data File : BF109412.D
 Acq On : 28 Sep 2018 3:57
 Operator : JU/SJ
 Sample : J5076-05
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 092418-SIDI-F-U-M

Quant Time: Sep 28 07:25:03 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

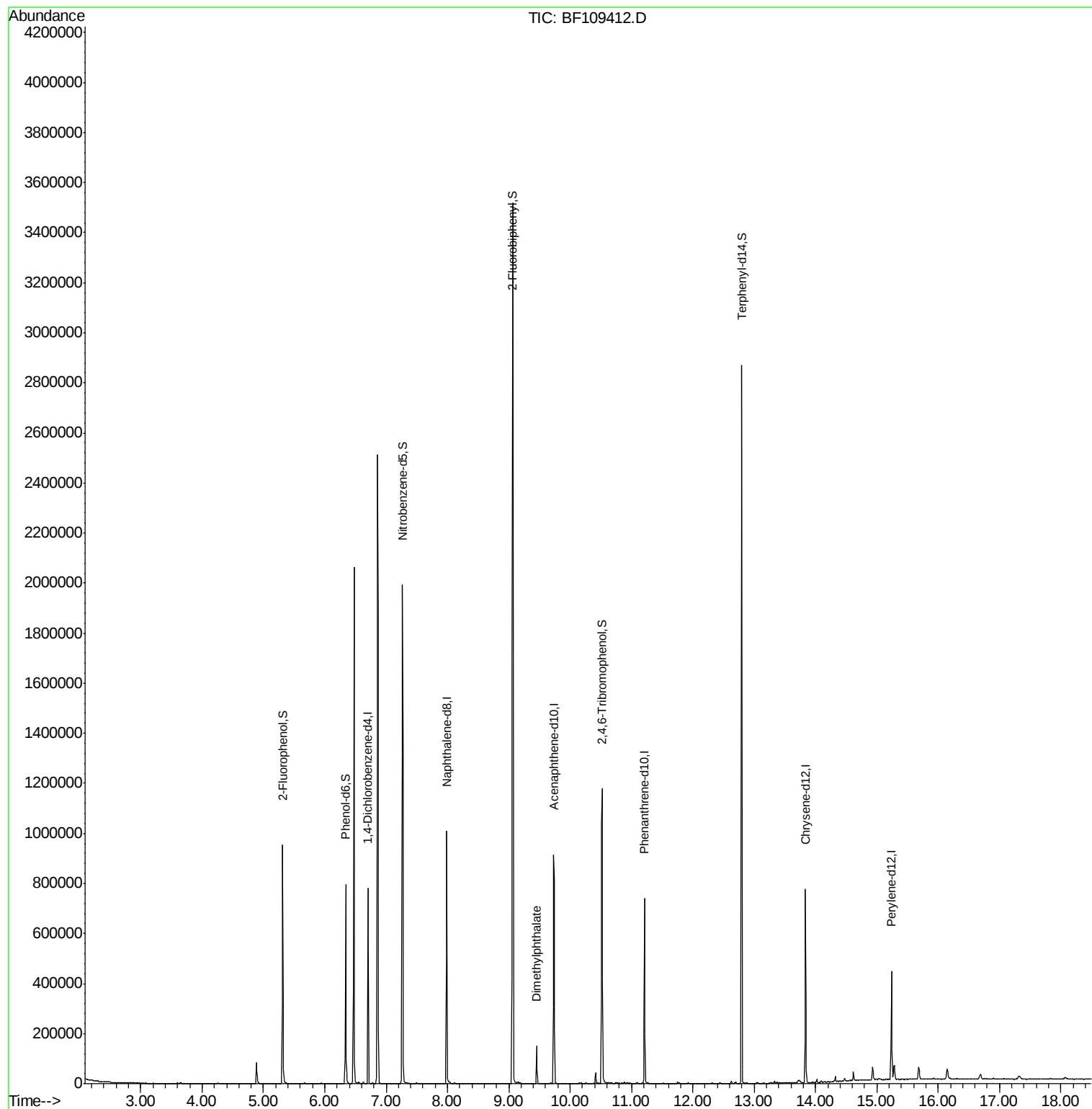
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	108681	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	403225	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	176211	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	285134	20.00	ng	0.00
75) Chrysene-d12	13.84	240	252751	20.00	ng	0.00
86) Perylene-d12	15.24	264	189486	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	271831	41.20	ng	0.00
7) Phenol-d6	6.34	99	228950	27.19	ng	-0.02
23) Nitrobenzene-d5	7.27	82	695970	101.89	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	147346	84.82	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1146078	98.09	ng	-0.01
78) Terphenyl-d14	12.80	244	967920	93.98	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.46	163	64987	5.071	ng	Qvalue 99

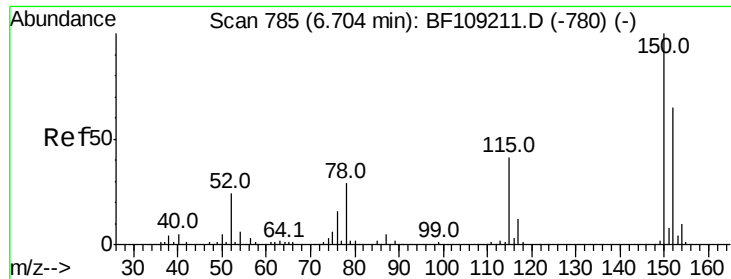
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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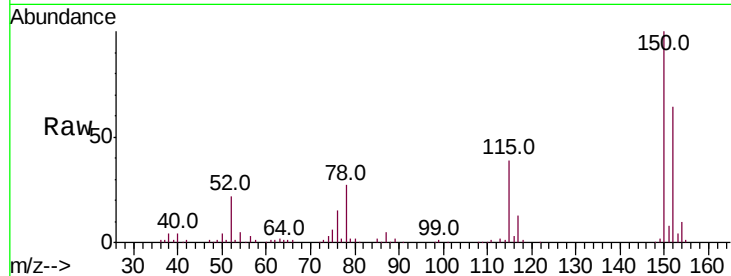


#1

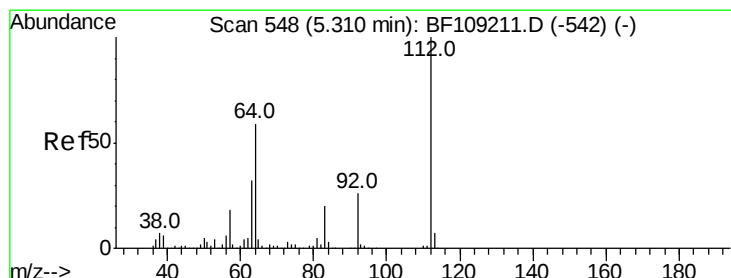
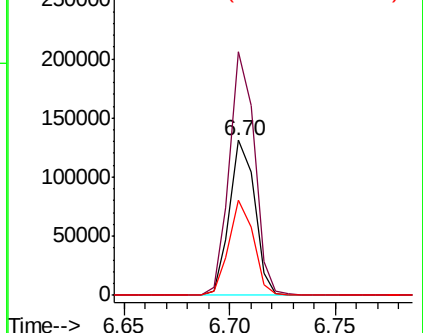
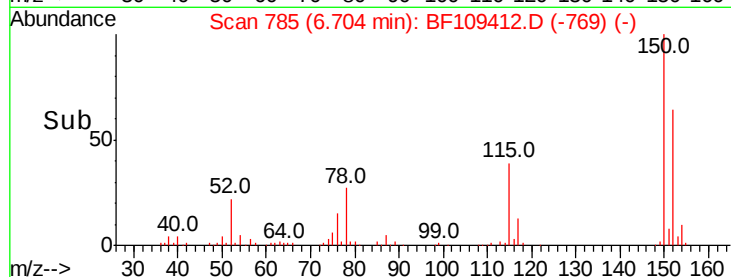
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109412.D
Acq: 28 Sep 2018 3:57

Instrument :
BNA_F
ClientSampleId :
092418-SIDI-F-U-M

Tot Ion:152 Resp: 108681
Ion Ratio Lower Upper
152 100
150 157.4 124.6 186.8
115 61.3 50.1 75.1



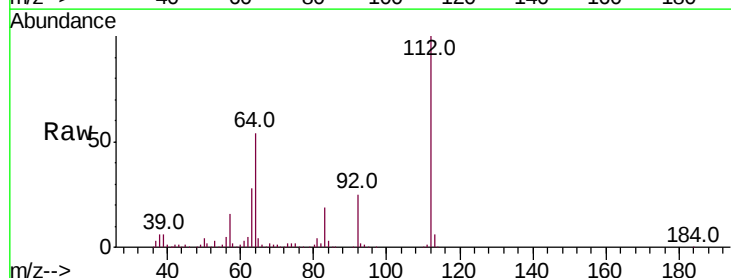
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



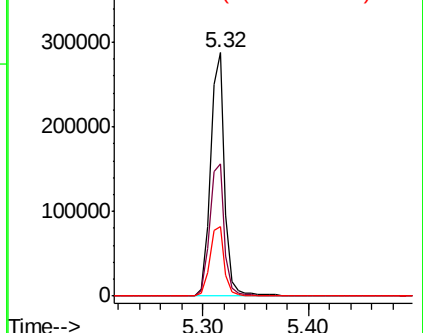
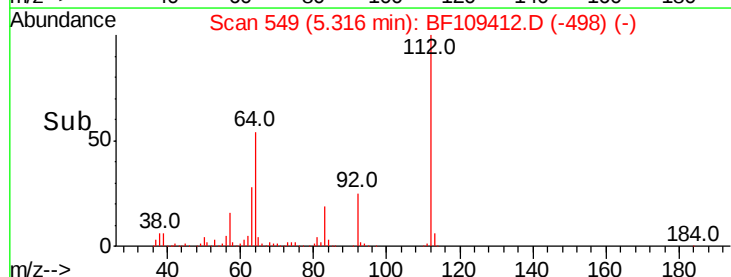
#5

2-Fluorophenol
Concen: 41.196 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109412.D
Acq: 28 Sep 2018 3:57

Tgt Ion:112 Resp: 271831
Ion Ratio Lower Upper
112 100
64 54.1 47.9 71.9
63 28.4 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: 27.192 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109412.D

Acq: 28 Sep 2018 3:57

Instrument :

BNA_F

ClientSampleId :

092418-SIDI-F-U-M

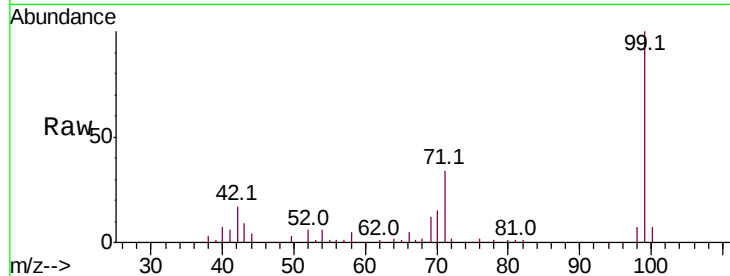
Tot Ion: 99 Resp: 228950

Ion Ratio Lower Upper

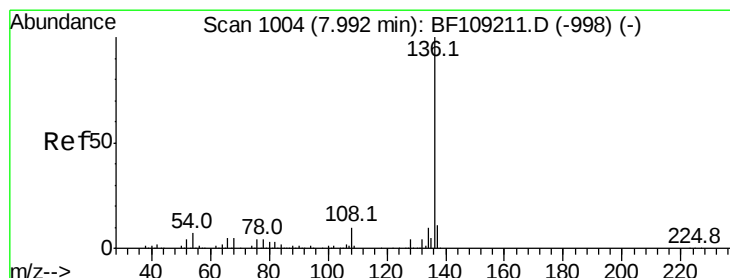
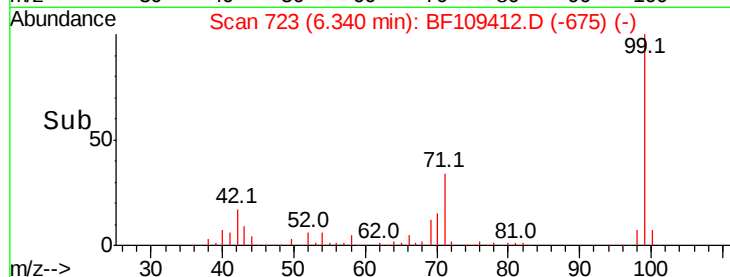
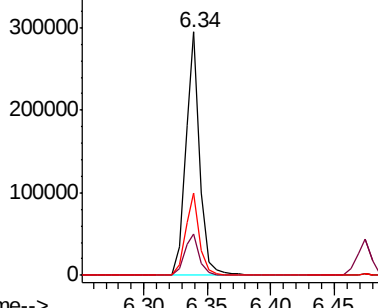
99 100

42 17.2 14.5 21.7

71 33.8 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: BF109412.D

Acq: 28 Sep 2018 3:57

Tgt Ion: 136 Resp: 403225

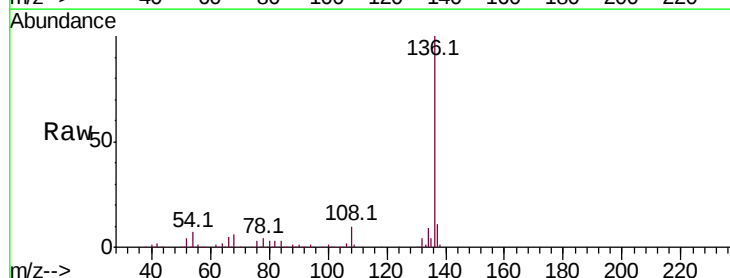
Ion Ratio Lower Upper

136 100

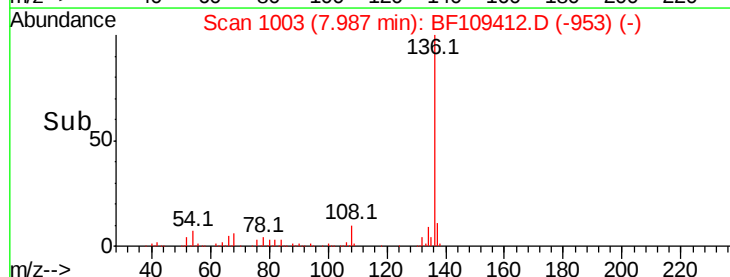
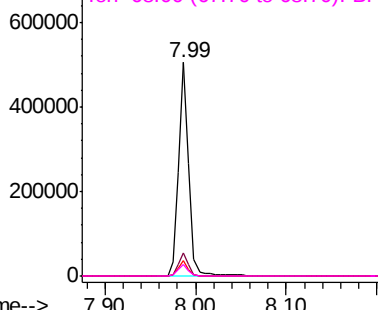
137 11.0 8.9 13.3

54 7.4 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

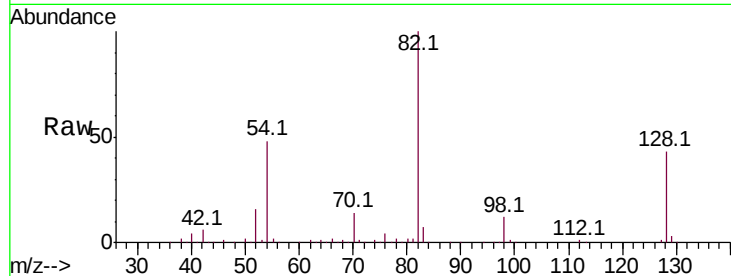




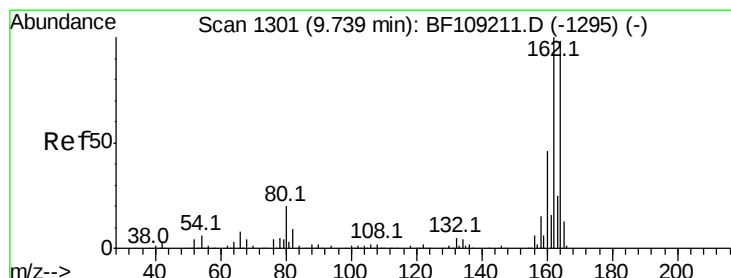
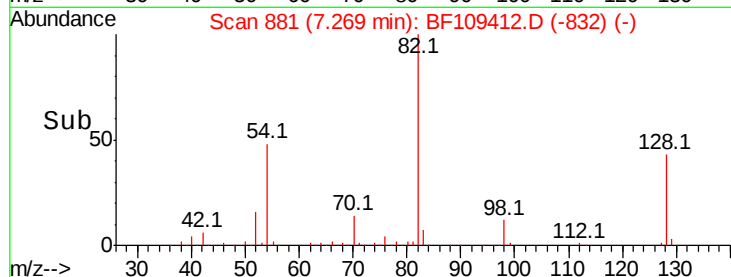
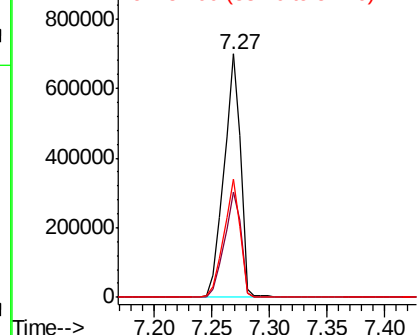
#23
 Nitrobenzene-d5
 Concen: 101.889 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF109412.D
 Acq: 28 Sep 2018 3:57

Instrument :
 BNA_F
 ClientSampleId :
 092418-SIDI-F-U-M

Tot Ion	82	Resp	695970
Ion Ratio	Lower	Upper	
82	100		
128	43.0	36.1	54.1
54	48.4	41.4	62.2

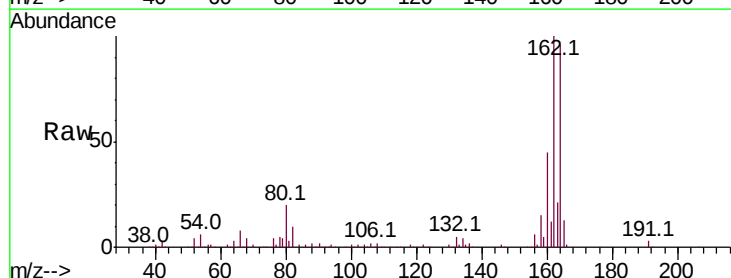


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

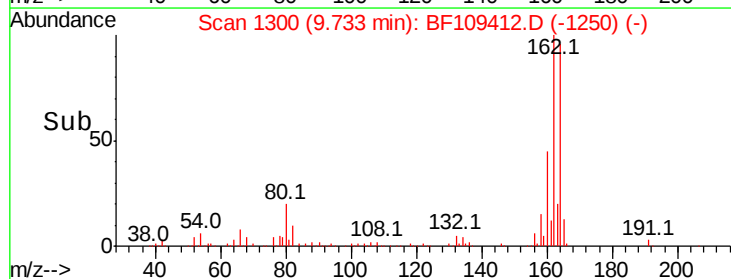
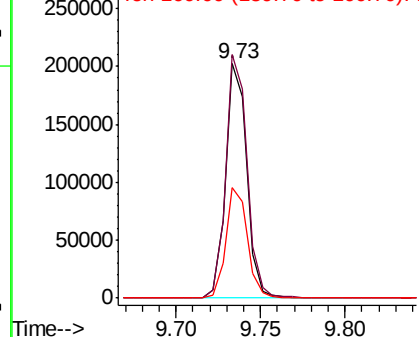


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109412.D
 Acq: 28 Sep 2018 3:57

Tgt Ion	164	Resp	176211
Ion Ratio	Lower	Upper	
164	100		
162	103.9	86.1	129.1
160	47.0	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

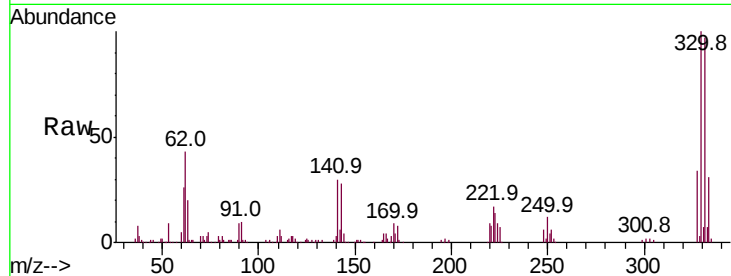




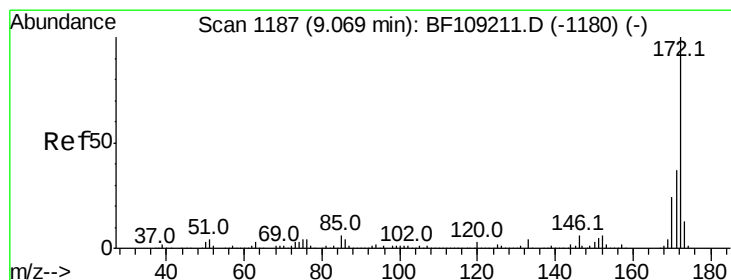
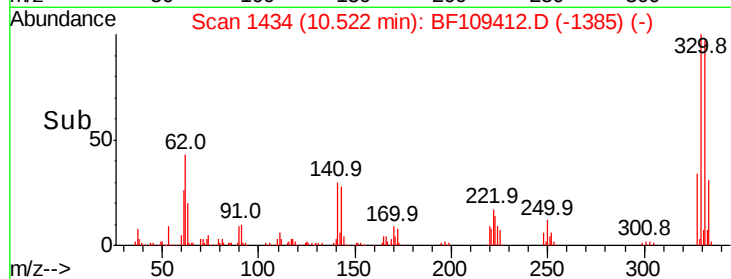
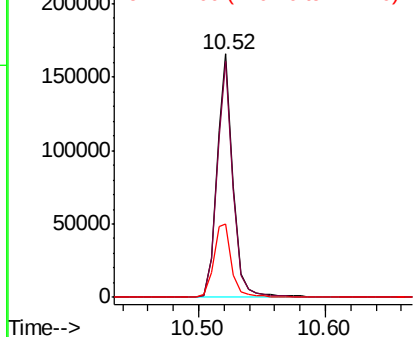
#41
 2,4,6-Tribromophenol
 Concen: 84.824 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109412.D
 Acq: 28 Sep 2018 3:57

Instrument :
 BNA_F
 ClientSampleId :
 092418-SIDI-F-U-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	33.6	29.9	44.9

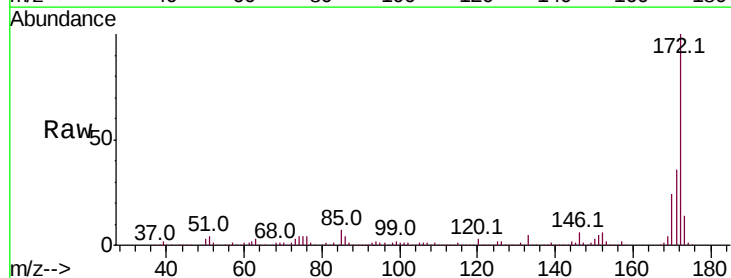


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

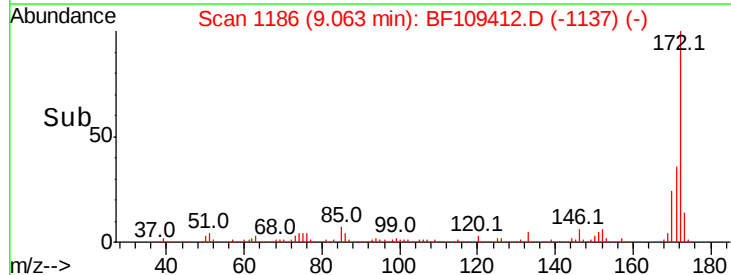
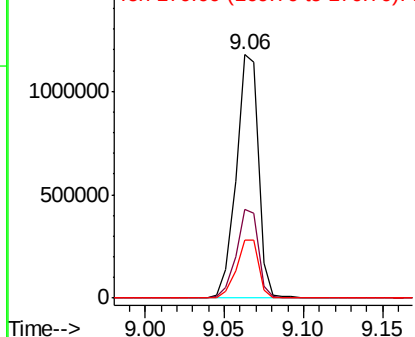


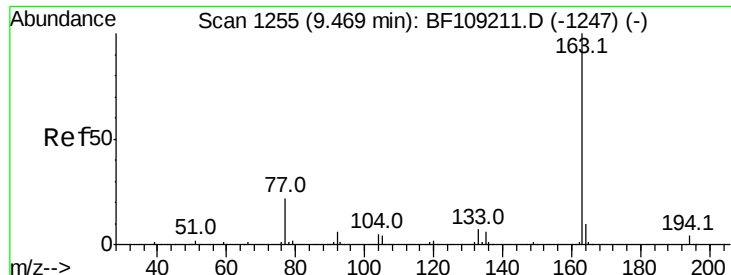
#44
 2-Fluorobiphenyl
 Concen: 98.093 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109412.D
 Acq: 28 Sep 2018 3:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	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

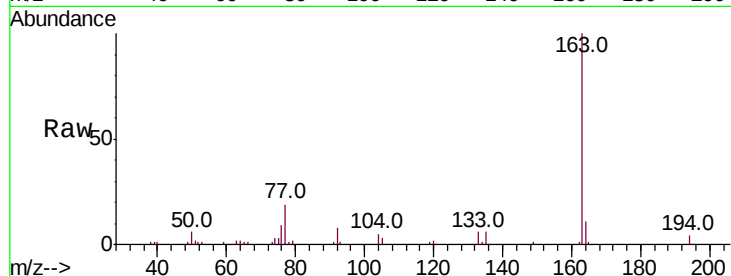




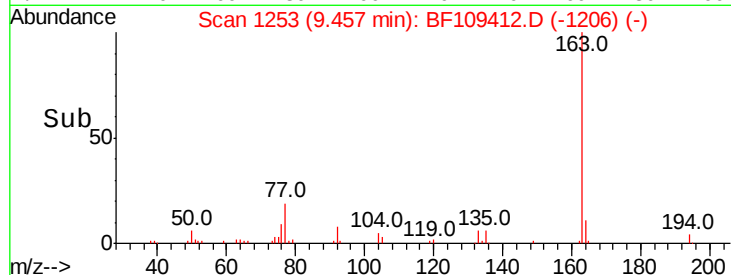
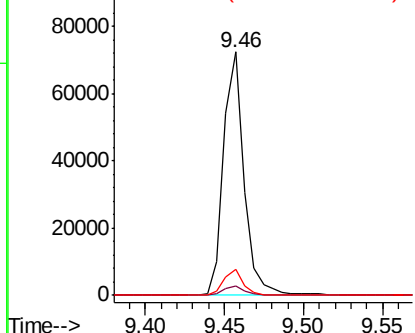
#49
Dimethylphthalate
Concen: 5.071 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109412.D
Acq: 28 Sep 2018 3:57

Instrument :
BNA_F
ClientSampleId :
092418-SIDI-F-U-M

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.6	8.2	12.2

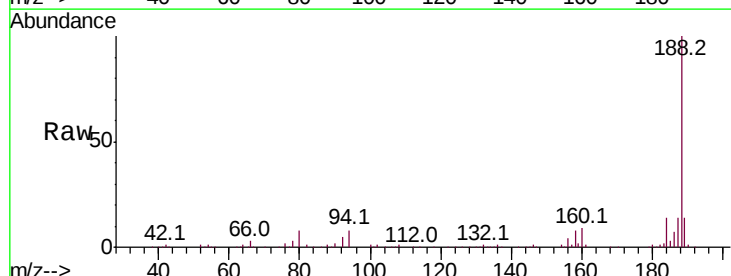


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

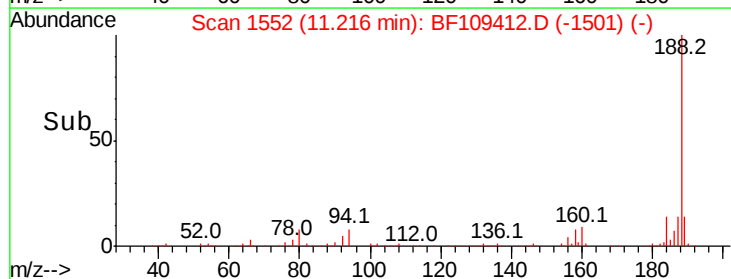
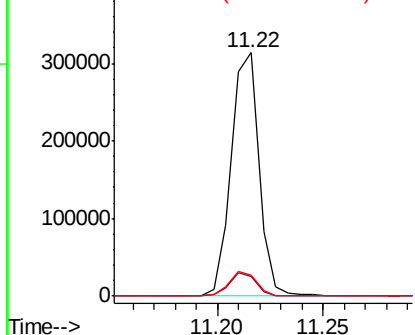


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109412.D
Acq: 28 Sep 2018 3:57

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	8.5	12.7#
80	8.5	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: BF109412.D

Acq: 28 Sep 2018 3:57

Instrument :

BNA_F

ClientSampleId :

092418-SIDI-F-U-M

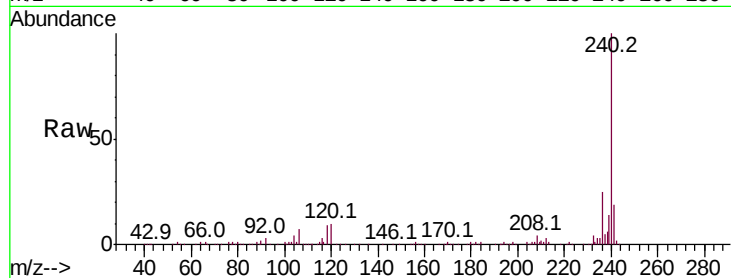
Tot Ion:240 Resp: 252751

Ion Ratio Lower Upper

240 100

120 10.3 9.5 14.3

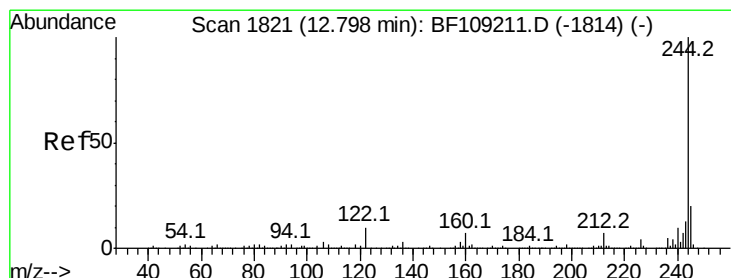
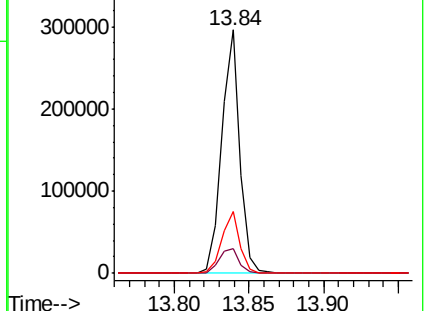
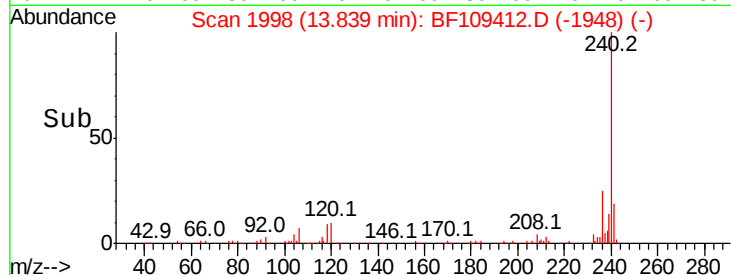
236 25.4 20.7 31.1



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: 93.983 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109412.D

Acq: 28 Sep 2018 3:57

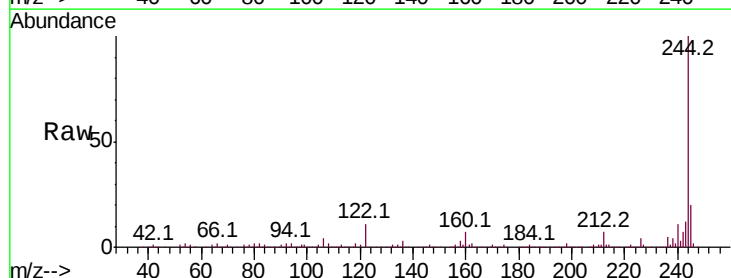
Tgt Ion:244 Resp: 967920

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

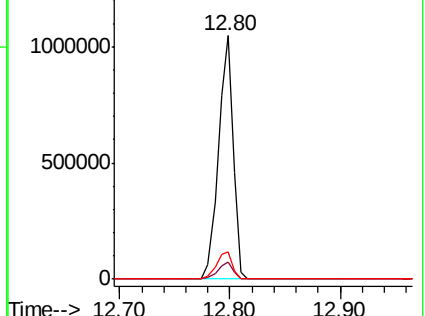
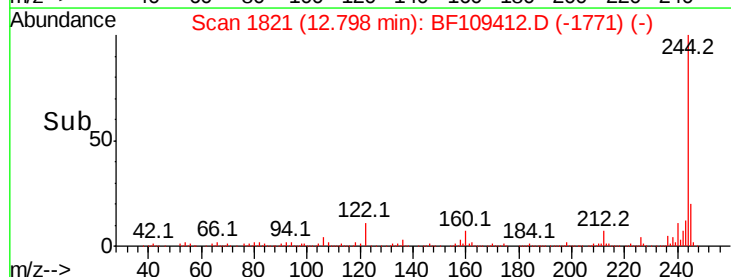
122 11.4 11.0 16.4

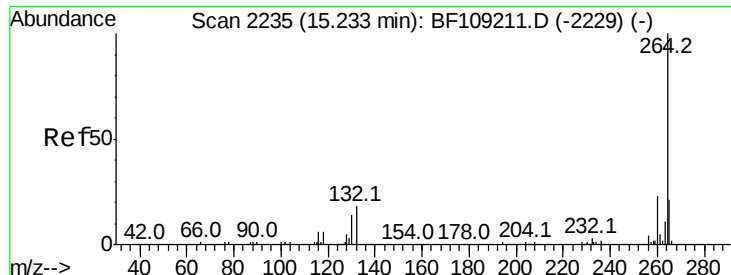


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

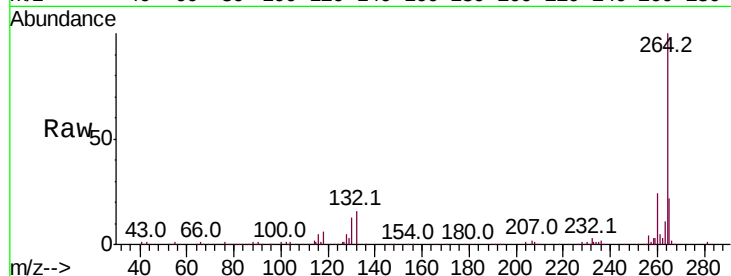




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF109412.D
Acq: 28 Sep 2018 3:57

Instrument :
BNA_F
ClientSampleId :
092418-SIDI-F-U-M

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.8	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

