

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100218\
 Data File : BF109500.D
 Acq On : 2 Oct 2018 14:45
 Operator : JU/SJ
 Sample : J5155-04DL2 50X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 02 15:36:48 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

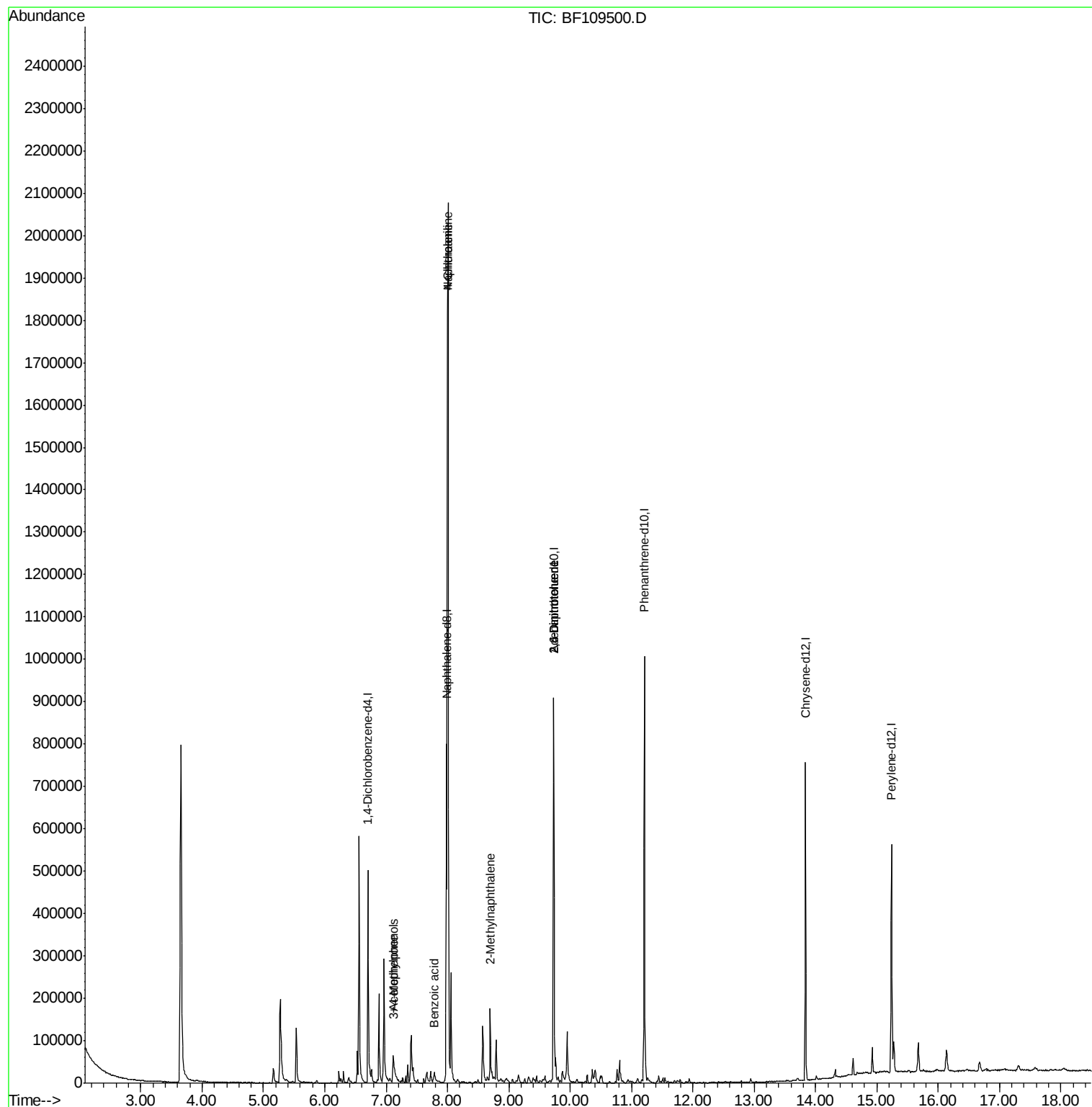
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	92392	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	374888	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	185947	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	357652	20.00	ng	0.00
75) Chrysene-d12	13.84	240	257410	20.00	ng	0.00
86) Perylene-d12	15.24	264	254727	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	878	0.16	ng	-0.04
7) Phenol-d6	6.37	99	503	0.07	ng	0.01
23) Nitrobenzene-d5	7.27	82	2515	0.40	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	347	0.19	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	5470	0.44	ng	-0.02
78) Terphenyl-d14	12.79	244	2833	0.27	ng	-0.01
Target Compounds						
20) 3+4-Methylphenols	7.13	107	13199	2.166	ng	# 55
22) Acetophenone	7.12	105	28309	3.266	ng	# 95
31) Naphthalene	8.01	128	983253	56.127	ng	# 100
32) Benzoic acid	7.79	122	7850	8.787	ng	# 23
33) 4-Chloroaniline	8.01	127	130043	16.992	ng	# 34
37) 2-Methylnaphthalene	8.70	142	53614	4.747	ng	# 99
50) 2,6-Dinitrotoluene	9.73	165	24257	9.056	ng	# 26
56) 2,4-Dinitrotoluene	9.73	165	24257	7.157	ng	# 24

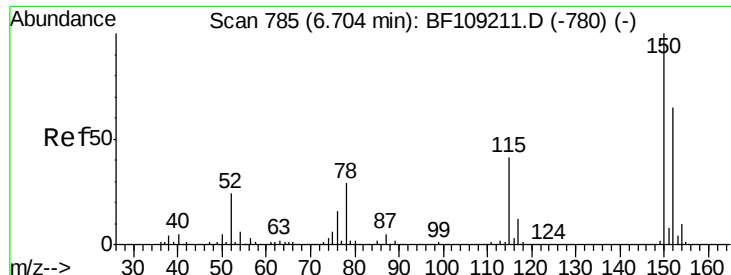
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100218\
Data File : BF109500.D
Acq On : 2 Oct 2018 14:45
Operator : JU/SJ
Sample : J5155-04DL2 50X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 02 15:36:48 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



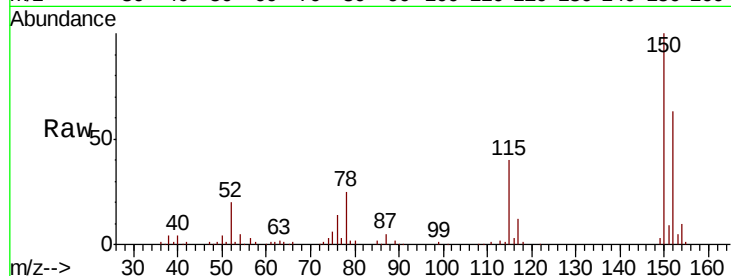


#1

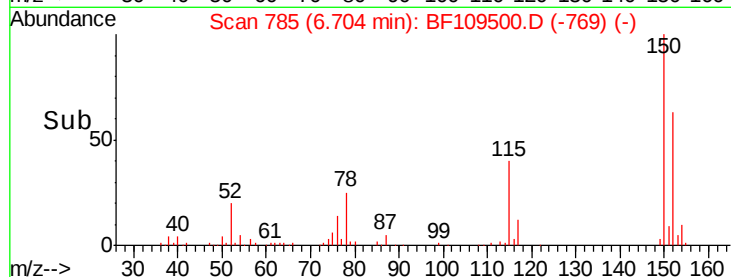
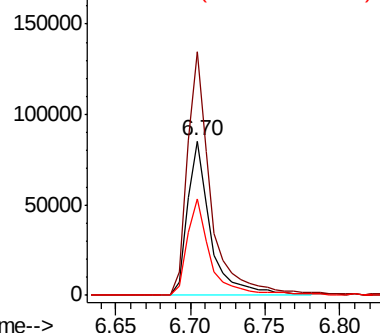
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109500.D
Acq: 2 Oct 2018 14:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 92392
Ion Ratio Lower Upper
152 100
150 158.1 124.6 186.8
115 62.7 50.1 75.1



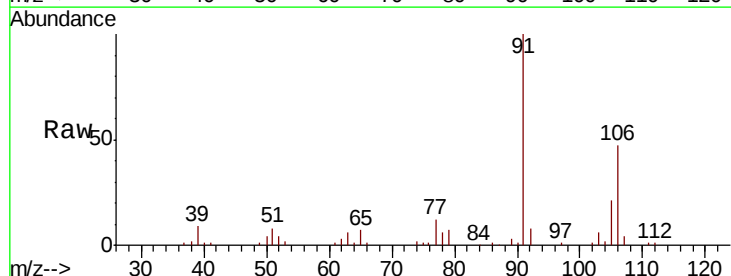
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



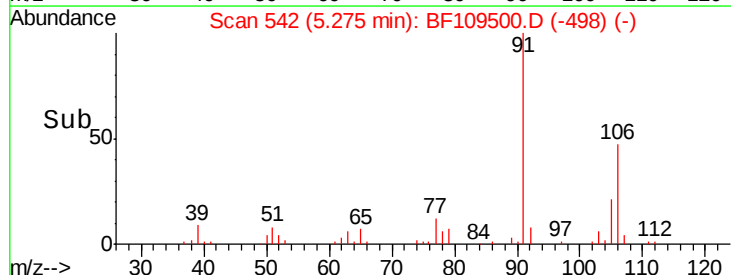
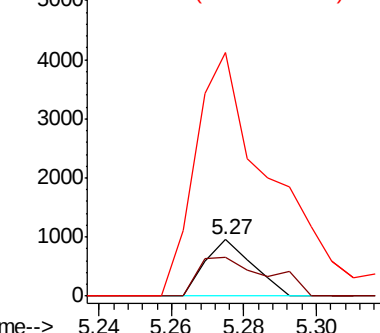
#5

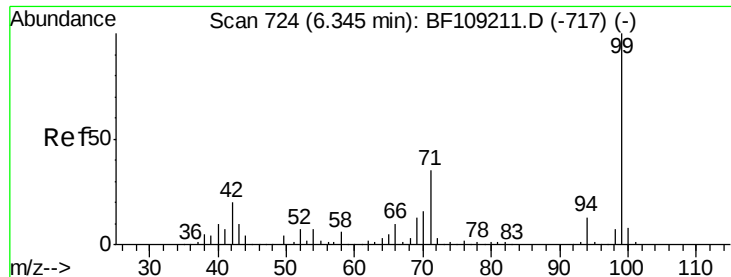
2-Fluorophenol
Concen: 0.157 ng
RT: 5.27 min Scan# 542
Delta R.T. -0.04 min
Lab File: BF109500.D
Acq: 2 Oct 2018 14:45

Tgt Ion:112 Resp: 878
Ion Ratio Lower Upper
112 100
64 69.0 47.9 71.9
63 430.1 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: 0.070 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF109500.D

Acq: 2 Oct 2018 14:45

Instrument :

BNA_F

ClientSampled :

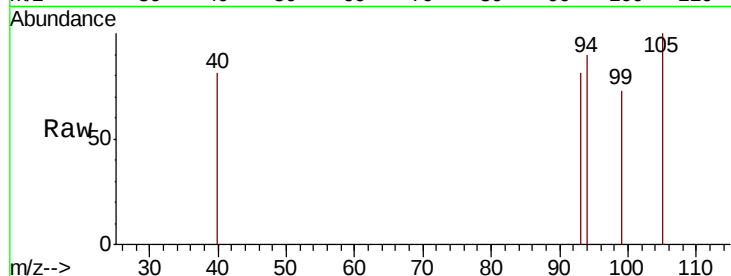
Tot Ion: 99 Resp: 503

Ion Ratio Lower Upper

99 100

42 0.0 14.5 21.7#

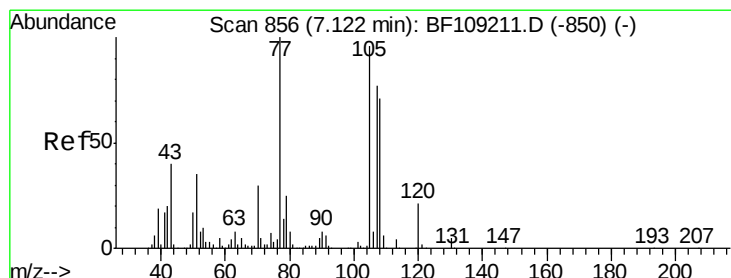
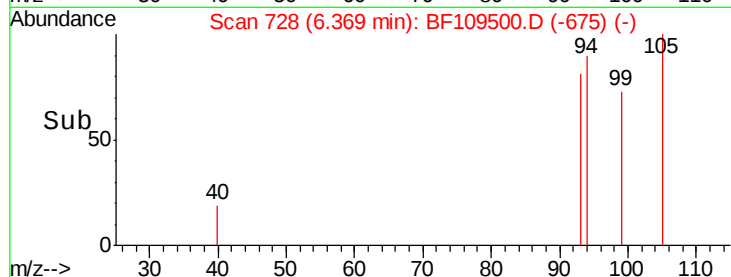
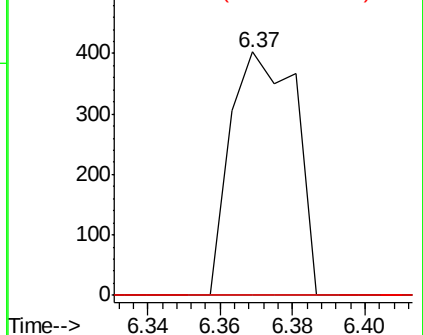
71 0.0 25.4 38.0#



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



#20

3+4-Methylphenols

Concen: 2.166 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF109500.D

Acq: 2 Oct 2018 14:45

Tgt Ion:107 Resp: 13199

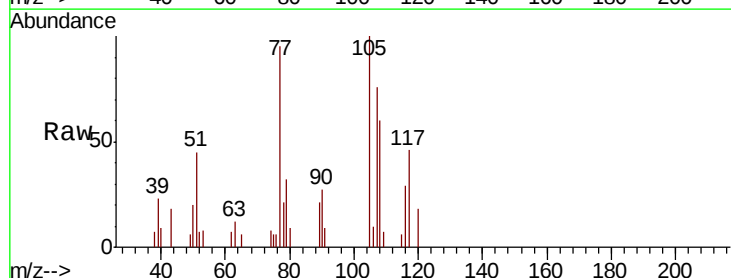
Ion Ratio Lower Upper

107 100

108 79.9 68.2 108.2

77 125.9 26.7 66.7#

79 43.0 6.3 46.3

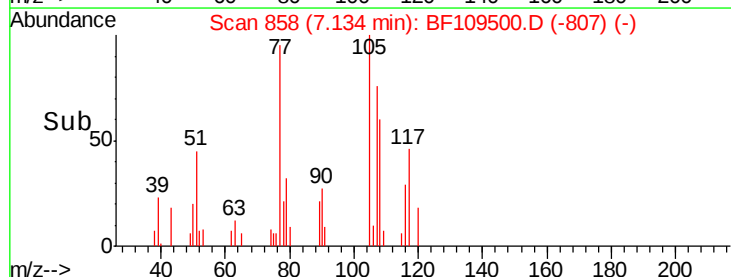
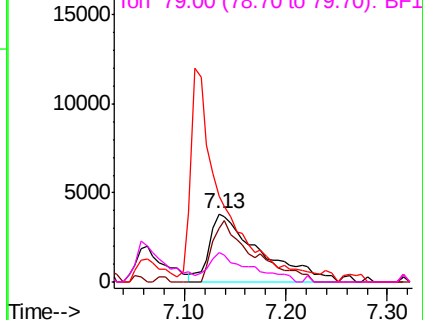


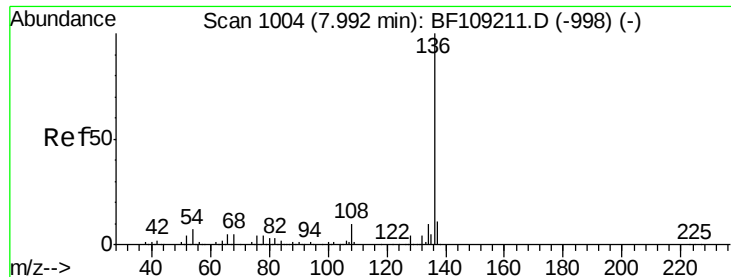
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

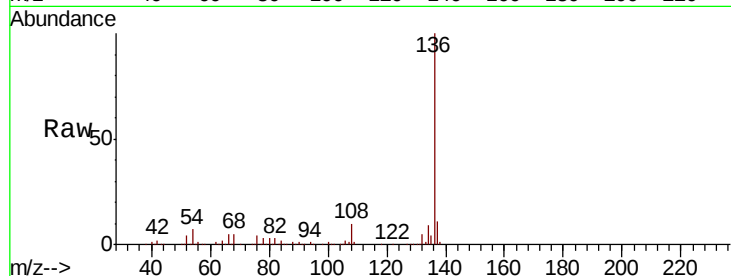




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109500.D
Acq: 2 Oct 2018 14:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	374888
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.9 13.3
54	6.6	6.6 9.8
68	5.1	5.0 7.4



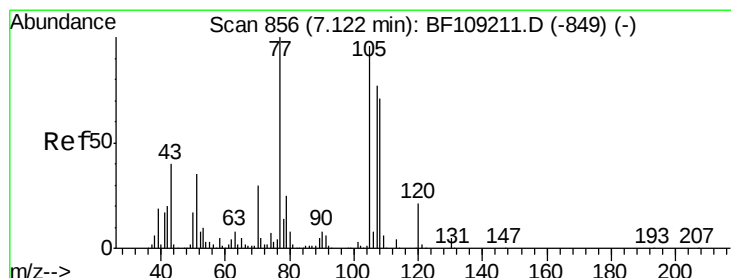
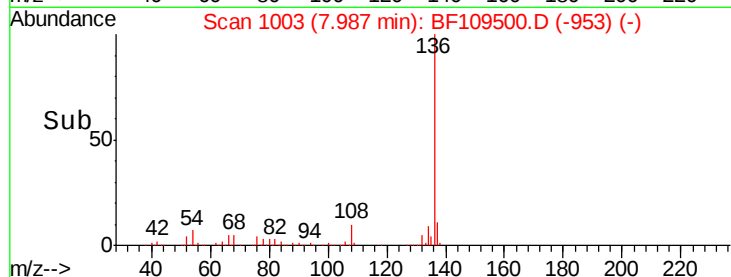
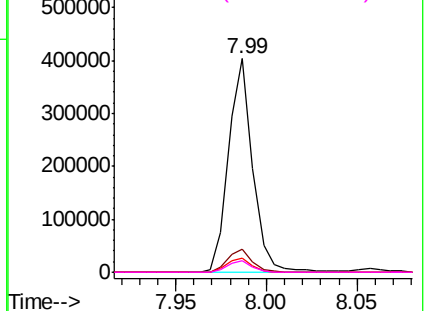
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

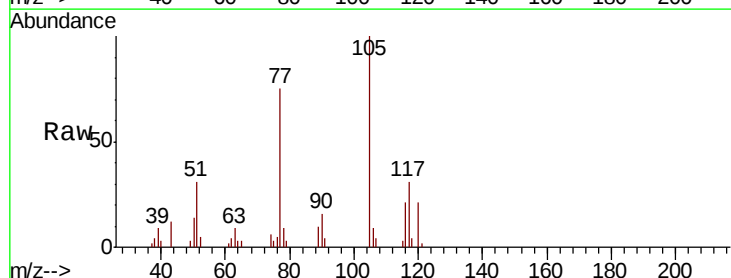
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 3.266 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF109500.D
Acq: 2 Oct 2018 14:45

Tgt Ion:105	Resp:	28309
Ion	Ratio	Lower Upper
105	100	
71	0.0	4.4 6.6#
51	30.7	22.3 33.5
120	21.4	16.9 25.3



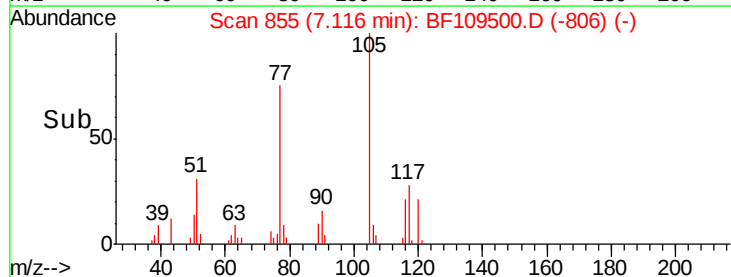
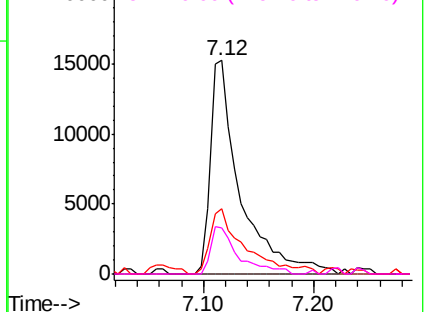
Abundance

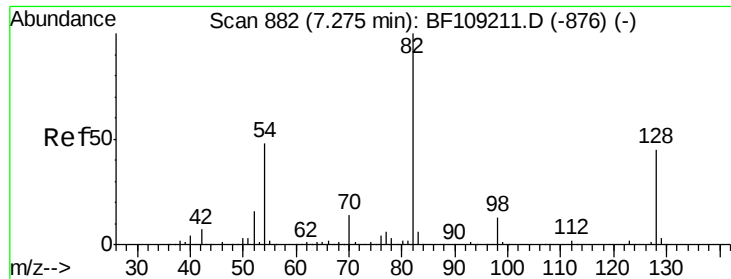
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

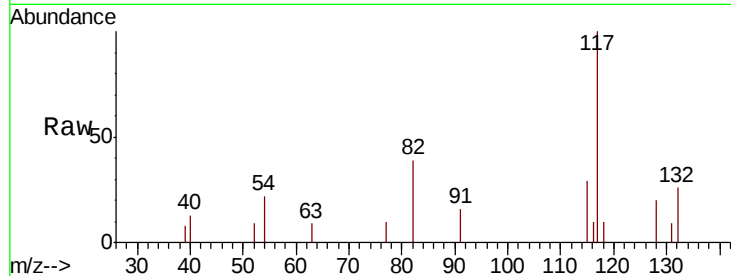




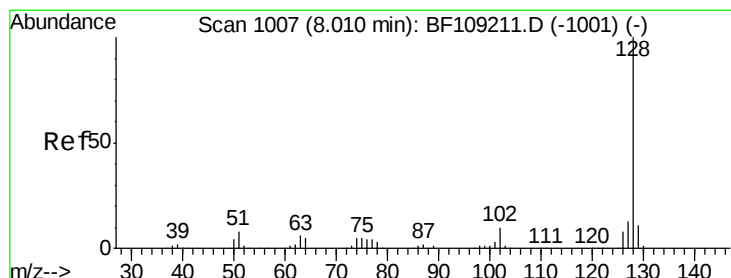
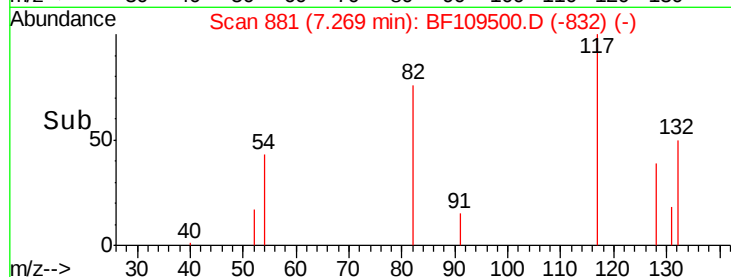
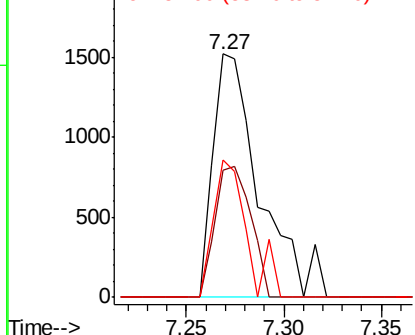
#23
Nitrobenzene-d5
Concen: 0.396 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109500.D
Acq: 2 Oct 2018 14:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 2515
Ion Ratio Lower Upper
82 100
128 52.0 36.1 54.1
54 56.6 41.4 62.2

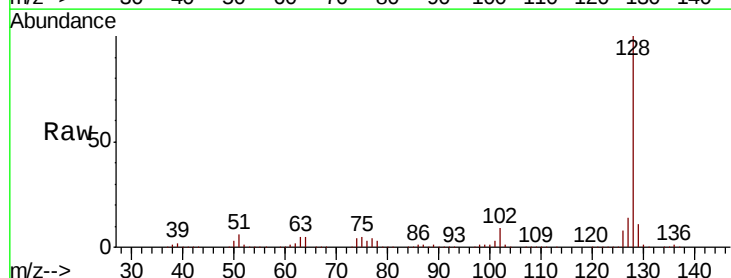


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

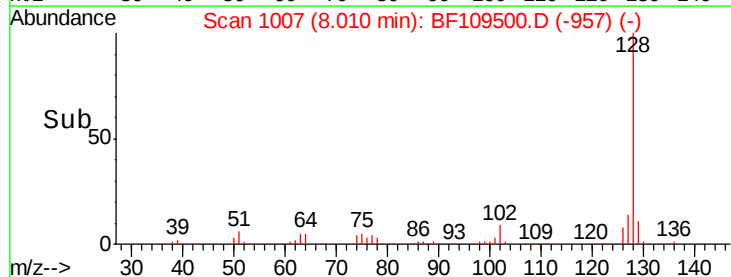
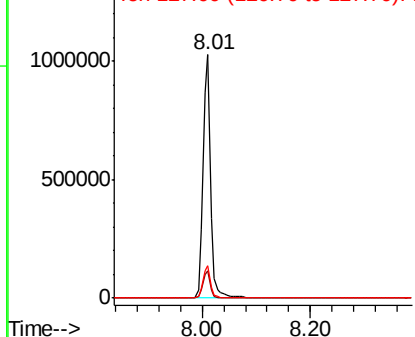


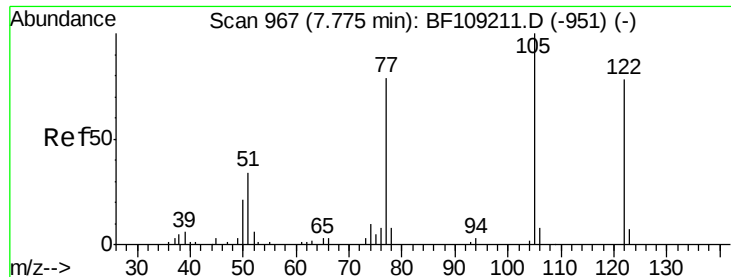
#31
Naphthalene
Concen: 56.127 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF109500.D
Acq: 2 Oct 2018 14:45

Tgt Ion: 128 Resp: 983253
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.6 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

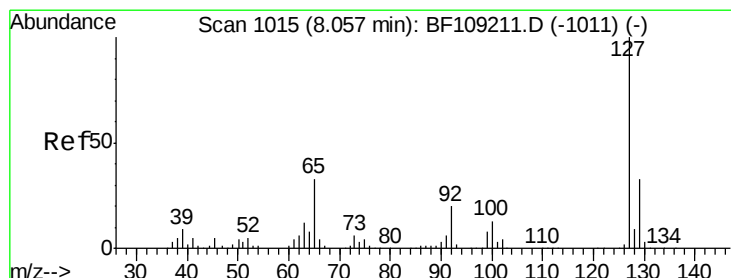
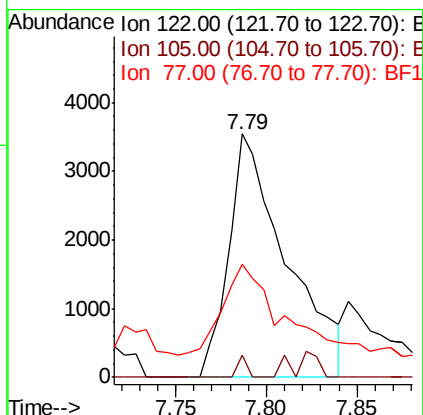
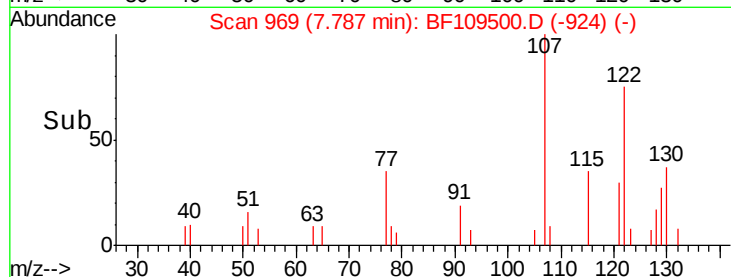
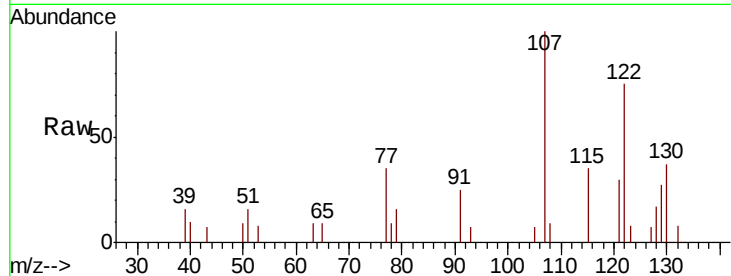




#32
Benzoic acid
Concen: 8.787 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.03 min
Lab File: BF109500.D
Acq: 2 Oct 2018 14:45

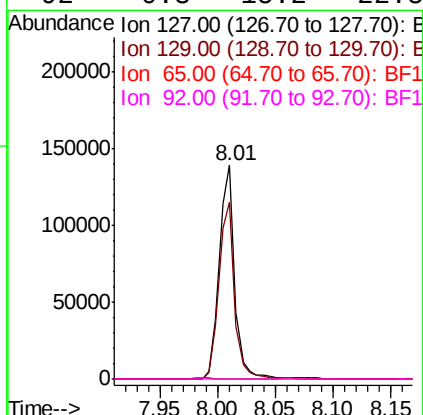
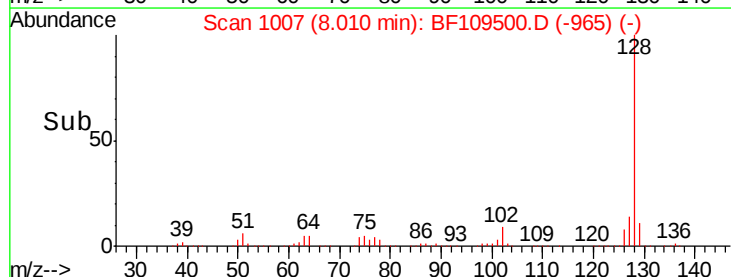
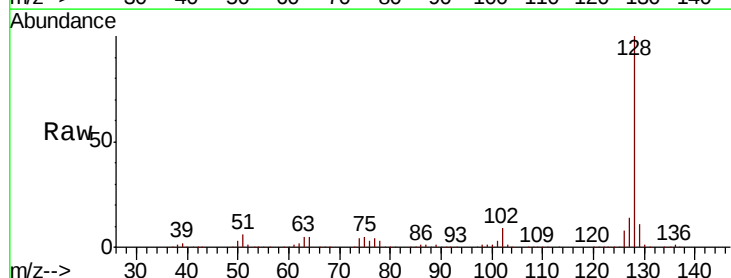
Instrument :
BNA_F
ClientSampleId :

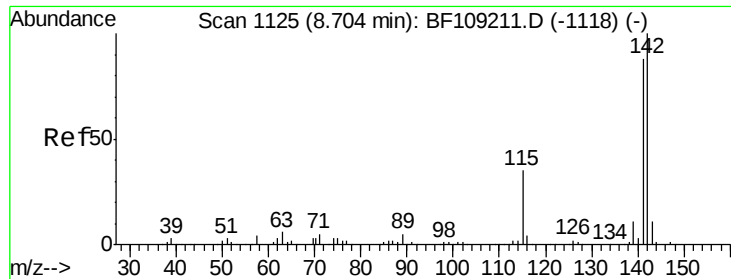
Tot Ion:122 Resp: 7850
Ion Ratio Lower Upper
122 100
105 9.2 101.1 141.1#
77 46.2 70.7 110.7#



#33
4-Chloroaniline
Concen: 16.992 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.05 min
Lab File: BF109500.D
Acq: 2 Oct 2018 14:45

Tgt Ion:127 Resp: 130043
Ion Ratio Lower Upper
127 100
129 82.5 25.9 38.9#
65 0.0 25.0 37.4#
92 0.3 15.2 22.8#

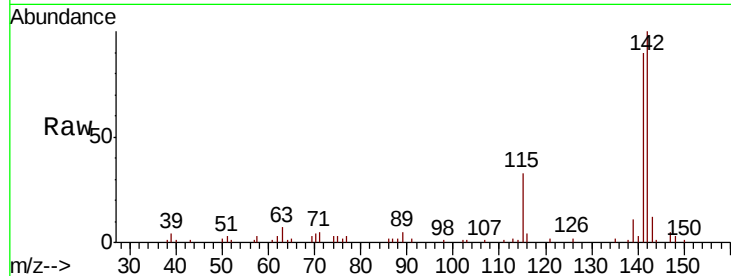




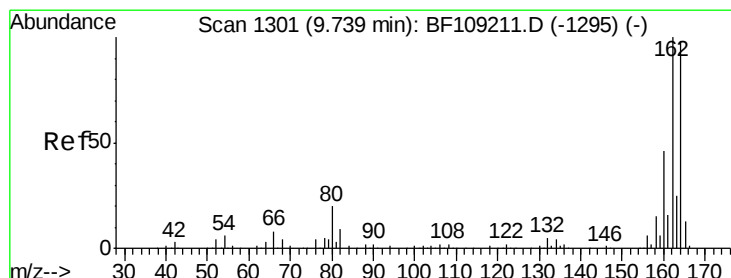
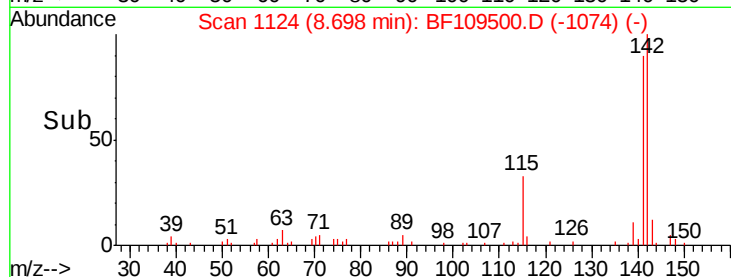
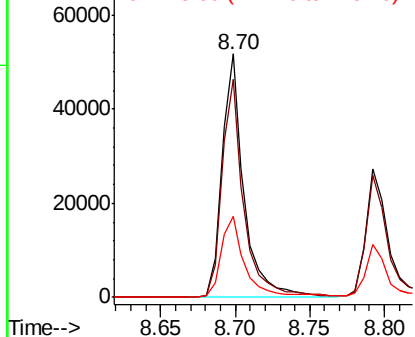
#37
2-Methylnaphthalene
Concen: 4.747 ng
RT: 8.70 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF109500.D
Acq: 2 Oct 2018 14:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 53614
Ion Ratio Lower Upper
142 100
141 89.5 70.8 106.2
115 33.4 26.1 39.1

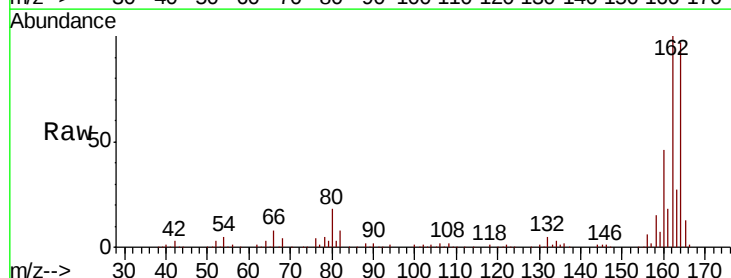


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

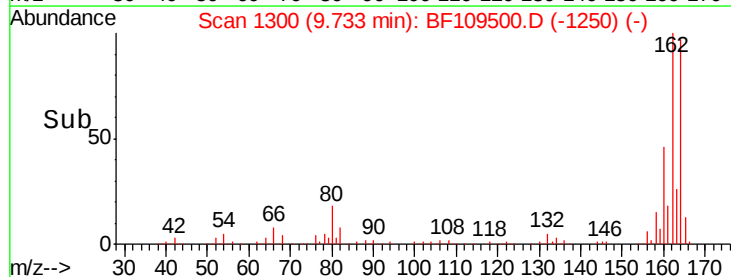
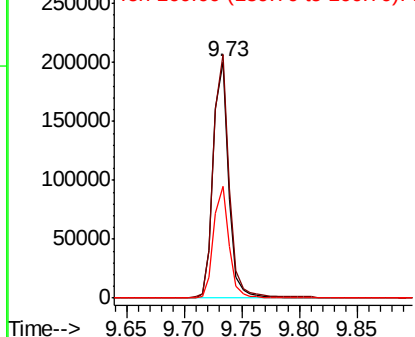


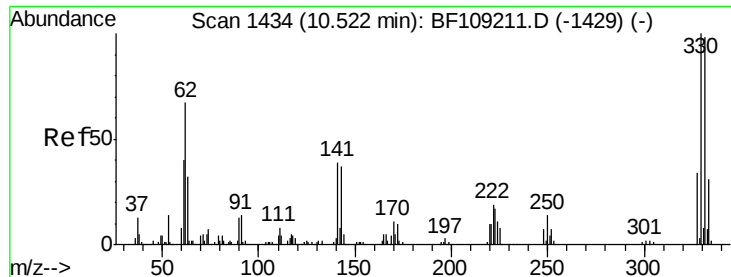
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF109500.D
Acq: 2 Oct 2018 14:45

Tgt Ion:164 Resp: 185947
Ion Ratio Lower Upper
164 100
162 103.1 86.1 129.1
160 47.2 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

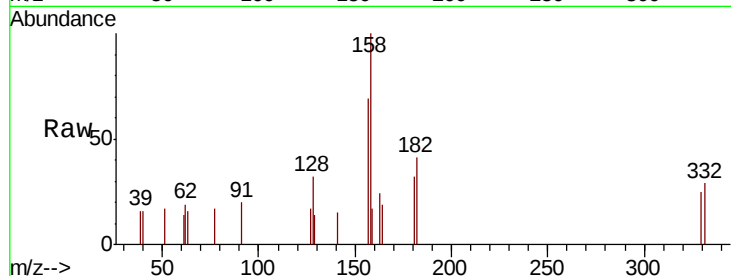




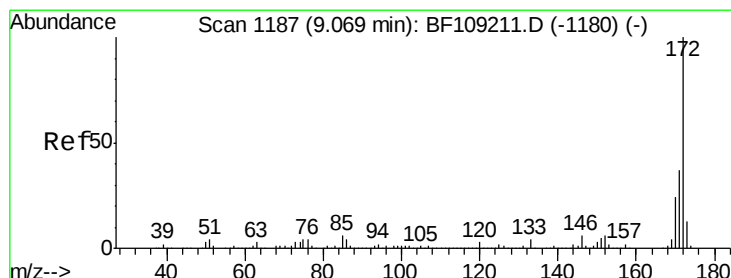
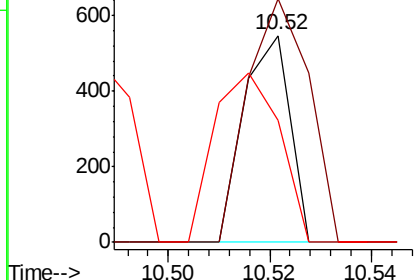
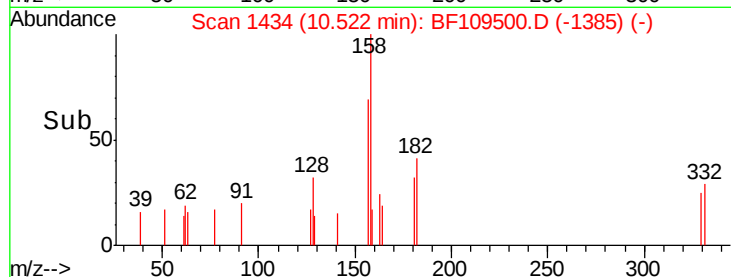
#41
 2,4,6-Tribromophenol
 Concen: 0.189 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109500.D
 Acq: 2 Oct 2018 14:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 347
 Ion Ratio Lower Upper
 330 100
 332 155.6 77.0 115.6#
 141 116.1 29.9 44.9#

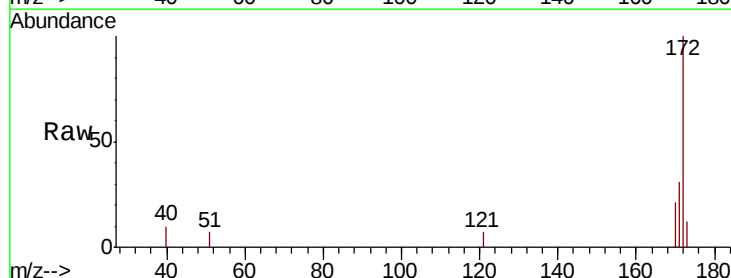


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

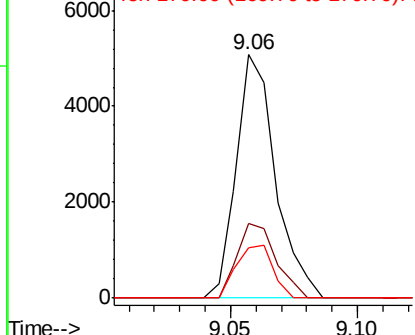
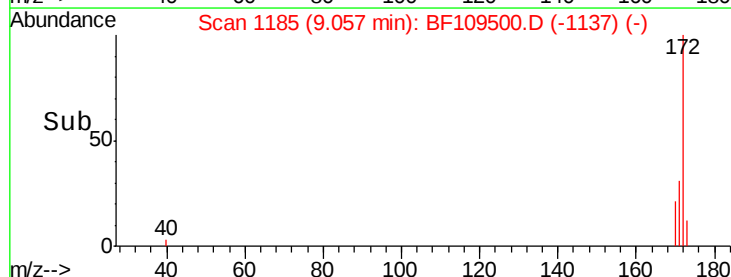


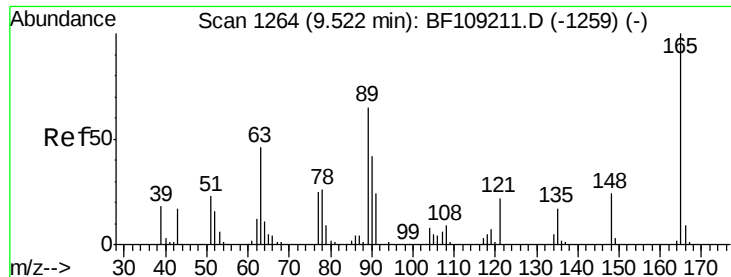
#44
 2-Fluorobiphenyl
 Concen: 0.444 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF109500.D
 Acq: 2 Oct 2018 14:45

Tgt Ion:172 Resp: 5470
 Ion Ratio Lower Upper
 172 100
 171 30.7 29.7 44.5
 170 20.7 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

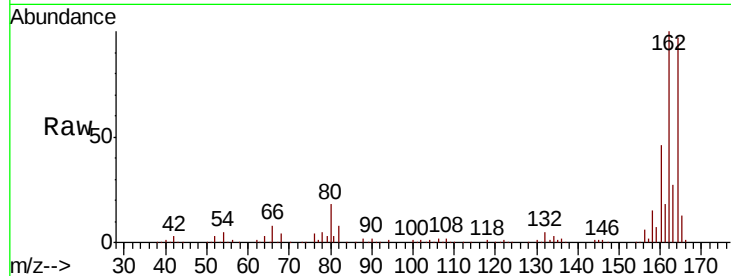




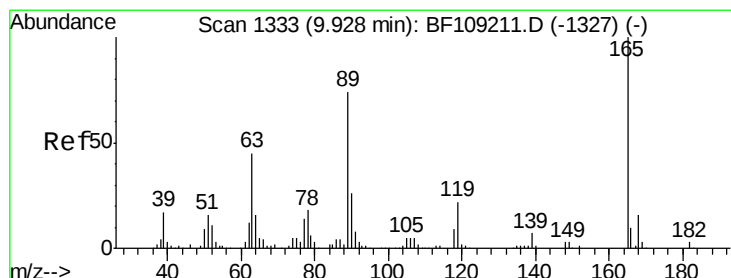
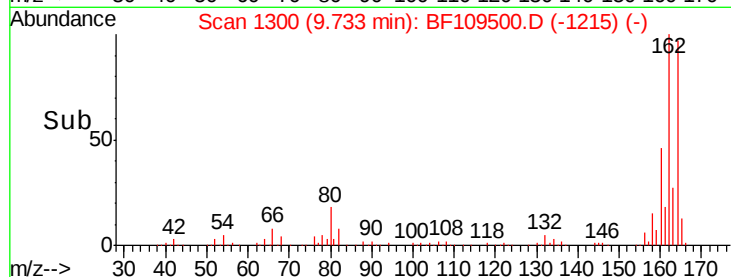
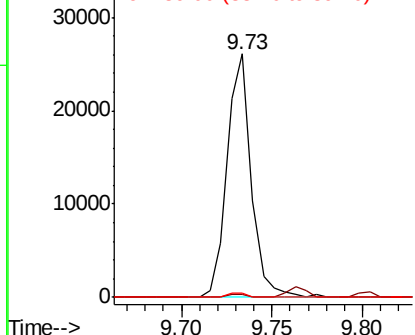
#50
 2,6-Dinitrotoluene
 Concen: 9.056 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. 0.20 min
 Lab File: BF109500.D
 Acq: 2 Oct 2018 14:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	1.8	44.0	66.0#



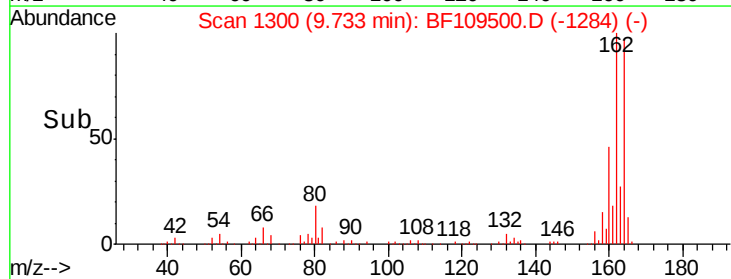
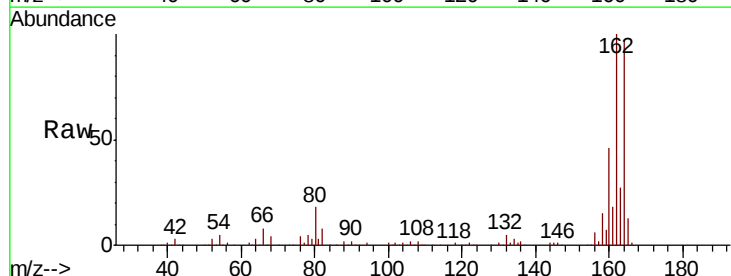
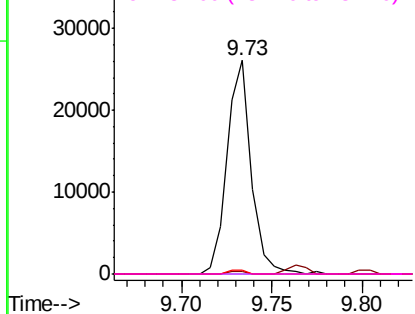
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

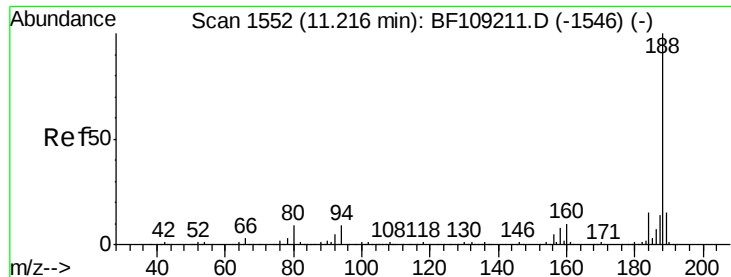


#56
 2,4-Dinitrotoluene
 Concen: 7.157 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.21 min
 Lab File: BF109500.D
 Acq: 2 Oct 2018 14:45

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#

Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

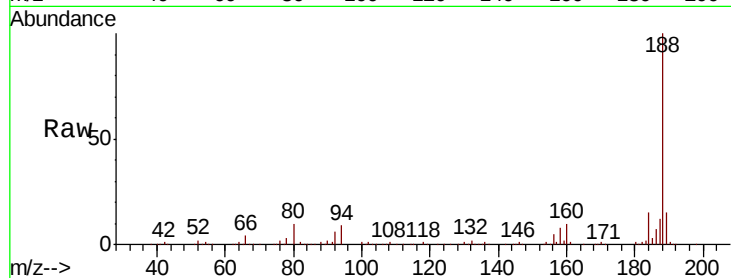




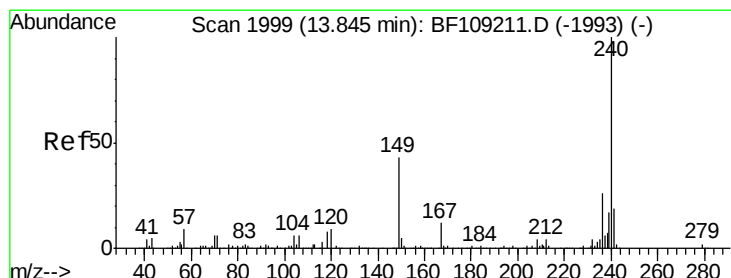
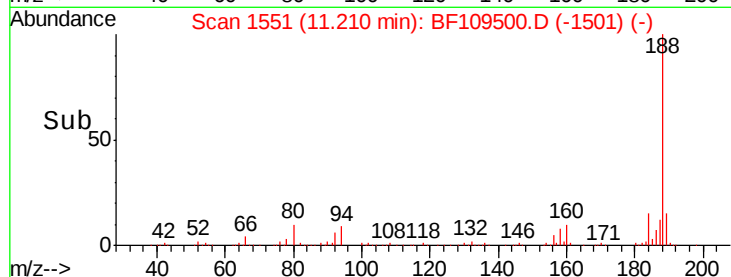
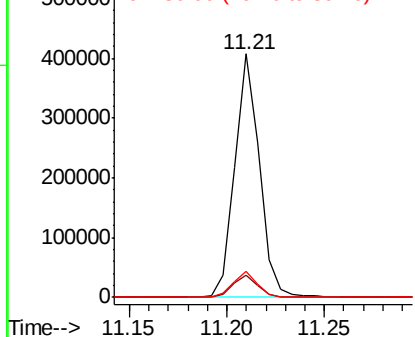
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109500.D
Acq: 2 Oct 2018 14:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 357652
Ion Ratio Lower Upper
188 100
94 9.1 8.5 12.7
80 10.4 9.2 13.8

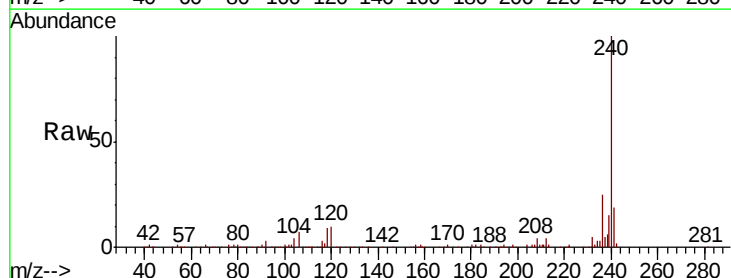


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

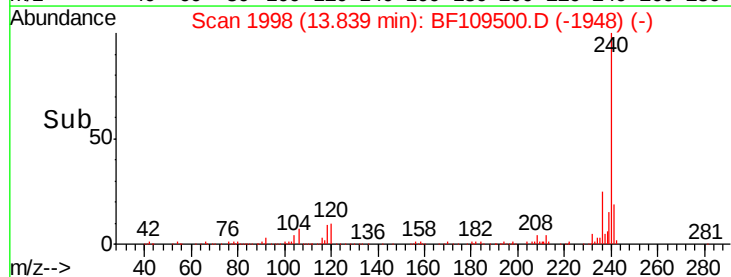
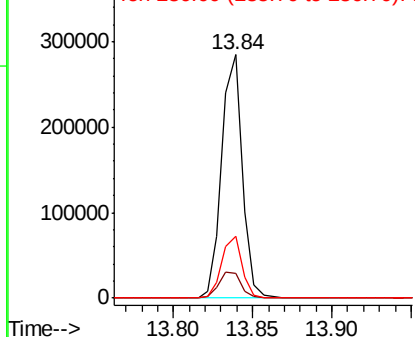


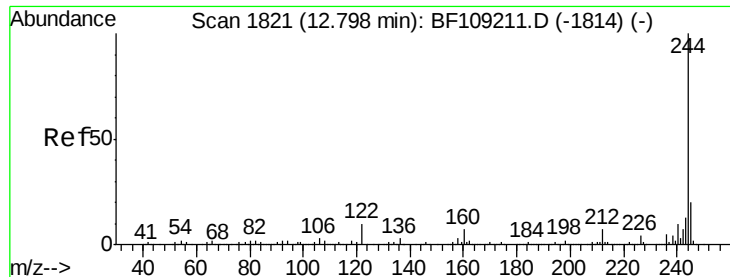
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109500.D
Acq: 2 Oct 2018 14:45

Tgt Ion:240 Resp: 257410
Ion Ratio Lower Upper
240 100
120 9.9 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: 0.270 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF109500.D

Acq: 2 Oct 2018 14:45

Instrument :

BNA_F

ClientSampleId :

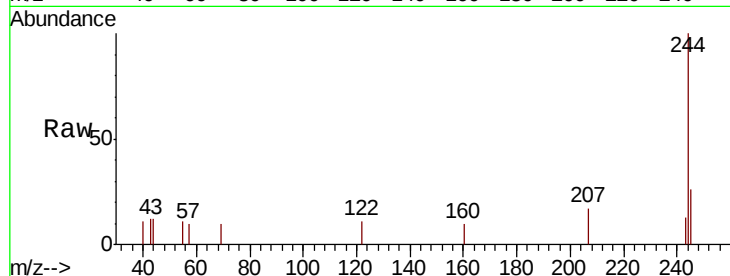
Tot Ion:244 Resp: 2833

Ion Ratio Lower Upper

244 100

212 0.0 5.4 8.0#

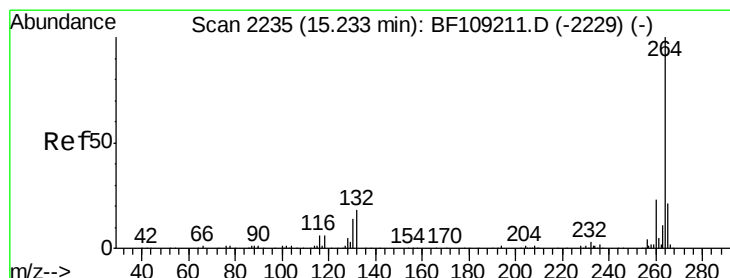
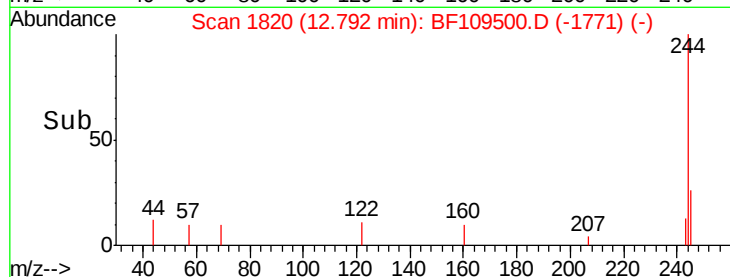
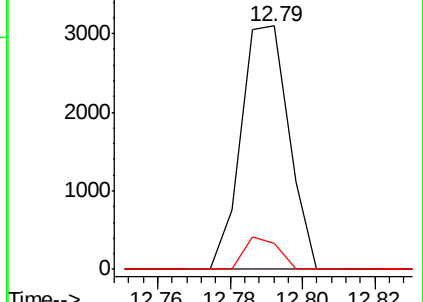
122 10.8 11.0 16.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 15.24 min Scan# 2236

Delta R.T. 0.00 min

Lab File: BF109500.D

Acq: 2 Oct 2018 14:45

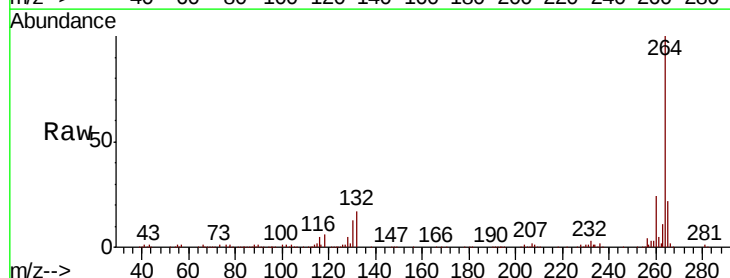
Tgt Ion:264 Resp: 254727

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 22.4 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

