

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101718\
 Data File : BF109936.D
 Acq On : 17 Oct 2018 22:35
 Operator : JU/SJ
 Sample : J5518-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 18 10:42:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

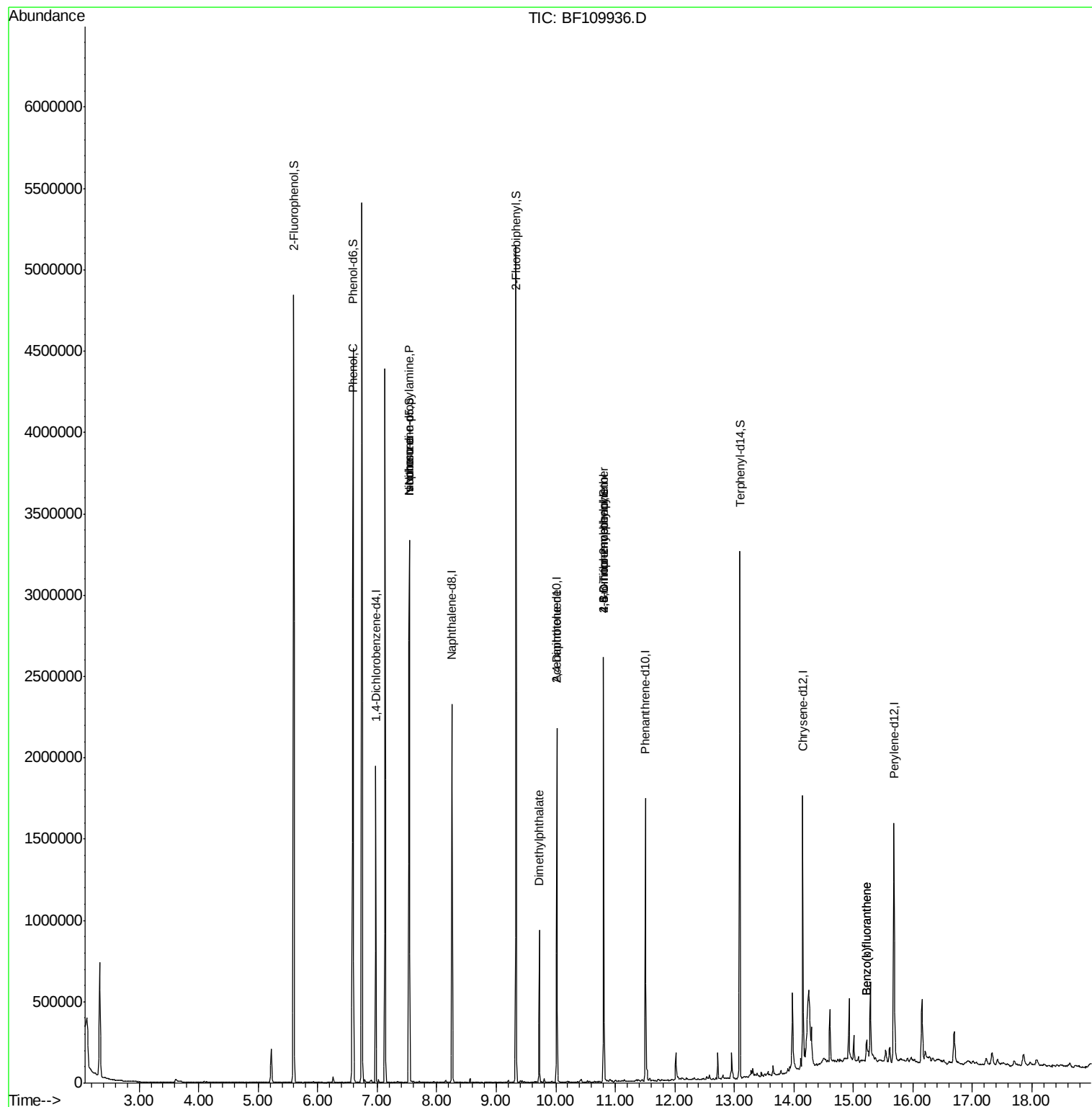
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	261388	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	1006389	20.00	ng	-0.01
39) Acenaphthene-d10	10.02	164	408722	20.00	ng	-0.01
64) Phenanthrene-d10	11.51	188	596105	20.00	ng	0.00
76) Chrysene-d12	14.15	240	540391	20.00	ng	-0.01
87) Perylene-d12	15.68	264	517774	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1382585	83.84	ng	0.00
7) Phenol-d6	6.59	99	1734298	84.70	ng	-0.01
23) Nitrobenzene-d5	7.54	82	1041045	69.68	ng	-0.01
42) 2,4,6-Tribromophenol	10.81	330	293969	83.07	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1451039	56.65	ng	0.00
79) Terphenyl-d14	13.09	244	982830	38.19	ng	-0.01
Target Compounds						
10) Phenol	6.60	94	87954	3.978	ng	# 63
19) n-Nitroso-di-n-propylamine	7.54	70	139235	10.590	ng	# 77
25) Isophorone	7.54	82	1041020	35.463	ng	# 67
50) Dimethylphthalate	9.72	163	321051	11.093	ng	# 99
57) 2,4-Dinitrotoluene	10.02	165	51895	11.343	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.80	198	641	8.152	ng	# 1
67) 4-Bromophenyl-phenylether	10.80	248	18186	2.815	ng	# 1
88) Benzo(b)fluoranthene	15.22	252	90855	3.044	ng	# 97
89) Benzo(k)fluoranthene	15.22	252	90855	3.088	ng	# 96

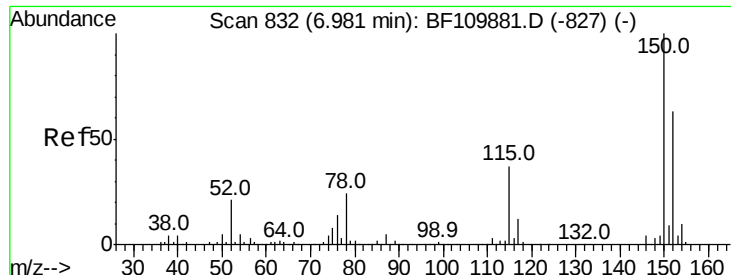
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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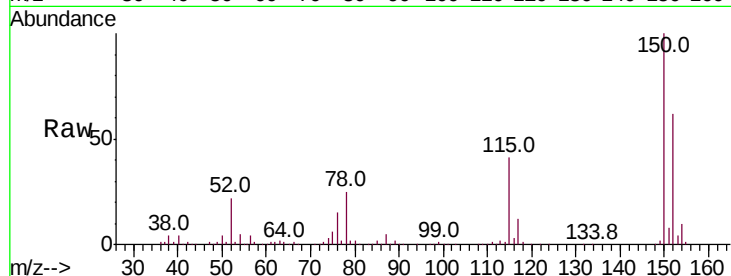


#1

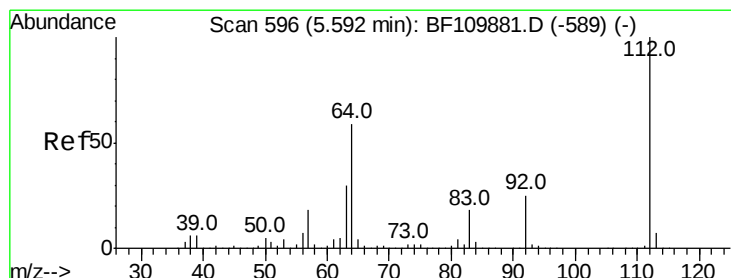
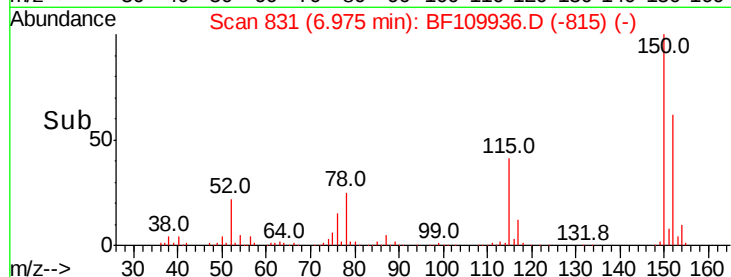
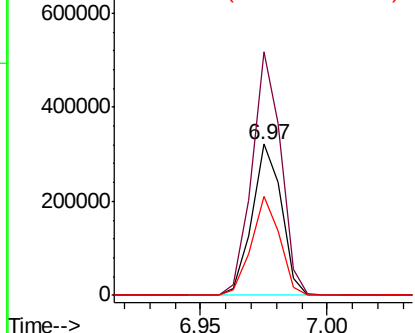
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109936.D
Acq: 17 Oct 2018 22:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 261388
Ion Ratio Lower Upper
152 100
150 161.0 122.7 184.1
115 65.2 49.1 73.7



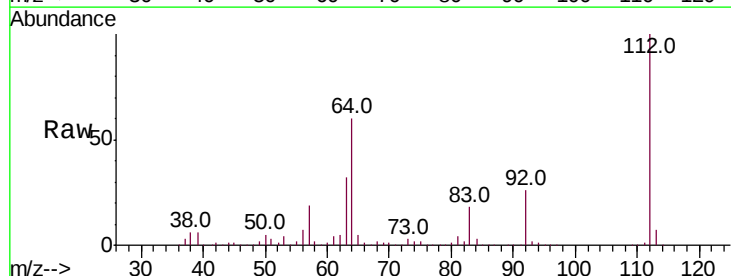
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



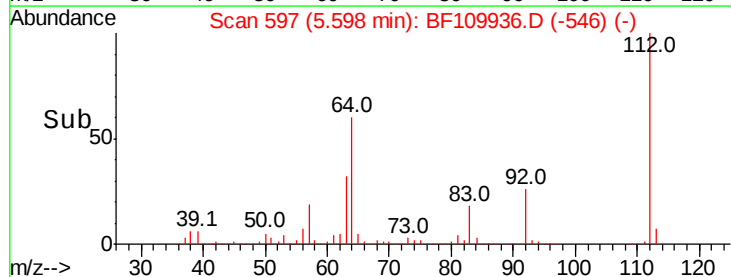
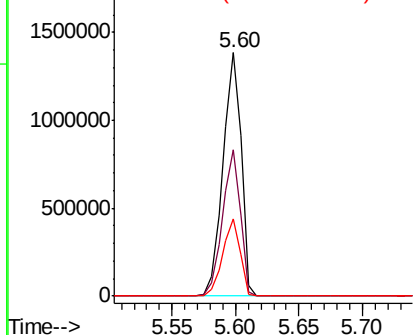
#5

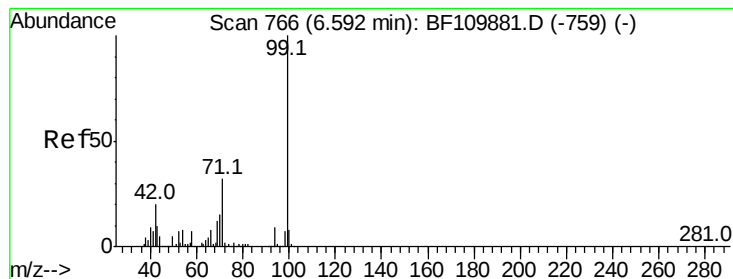
2-Fluorophenol
Concen: 83.844 ng
RT: 5.60 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF109936.D
Acq: 17 Oct 2018 22:35

Tgt Ion:112 Resp: 1382585
Ion Ratio Lower Upper
112 100
64 60.0 44.1 66.1
63 31.6 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: 84.698 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF109936.D

Acq: 17 Oct 2018 22:35

Instrument :

BNA_F

ClientSampleId :

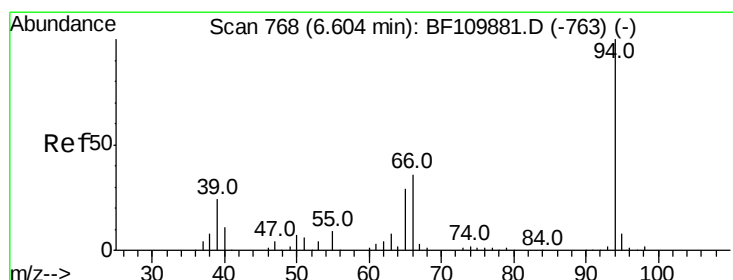
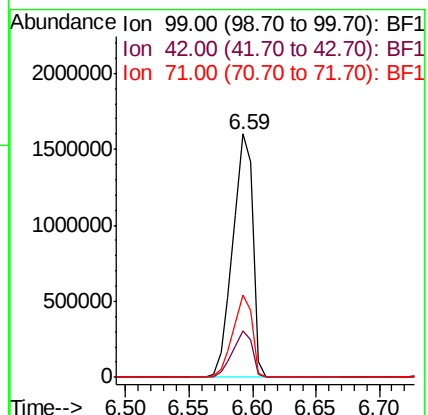
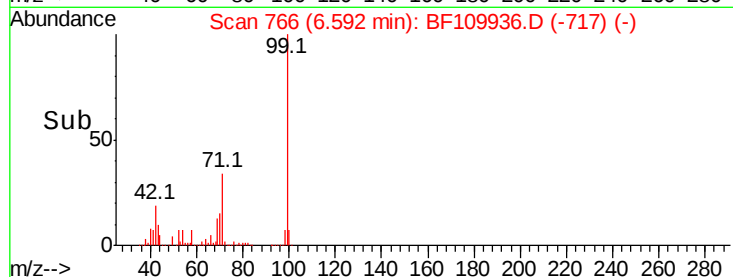
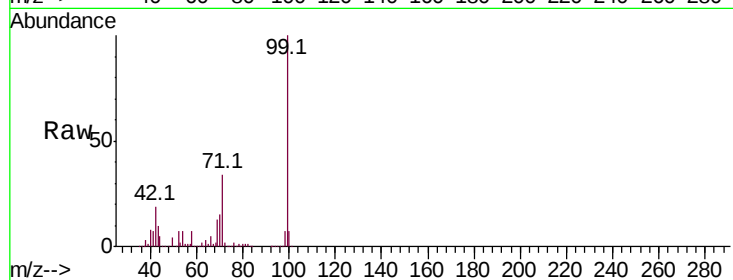
Tot Ion: 99 Resp: 1734298

Ion Ratio Lower Upper

99 100

42 19.0 15.8 23.6

71 33.7 28.0 42.0



#10

Phenol

Concen: 3.978 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF109936.D

Acq: 17 Oct 2018 22:35

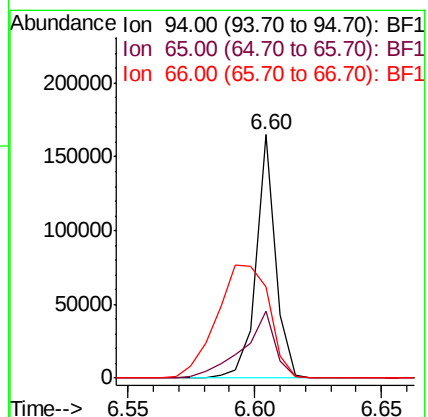
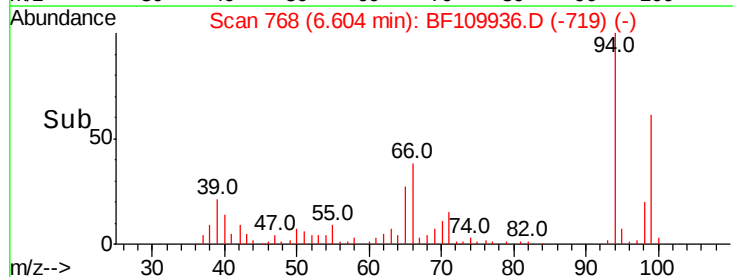
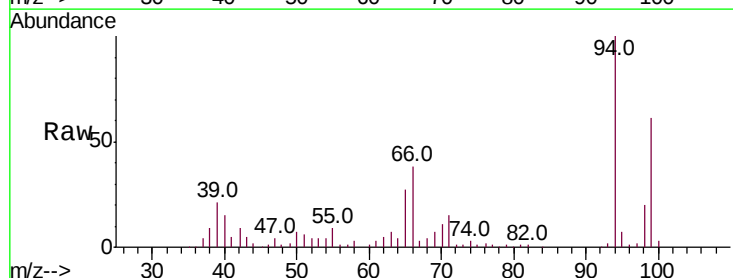
Tgt Ion: 94 Resp: 87954

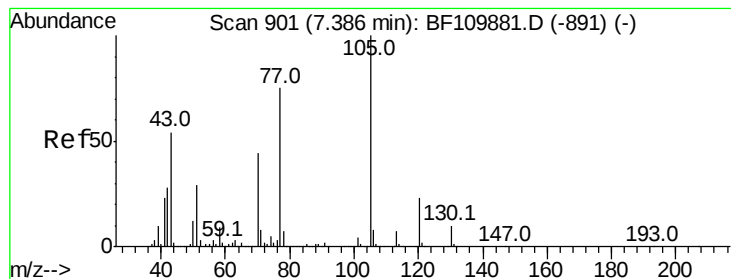
Ion Ratio Lower Upper

94 100

65 27.4 25.3 65.3

66 37.6 54.5 94.5#





#19

n-Nitroso-di-n-propylamine

Concen: 10.590 ng

RT: 7.54 min Scan# 927

Delta R.T. 0.15 min

Lab File: BF109936.D

Acq: 17 Oct 2018 22:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 139235

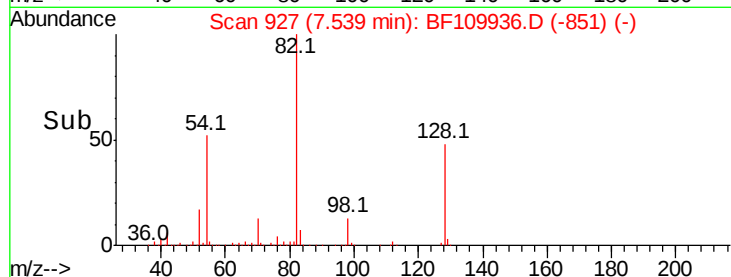
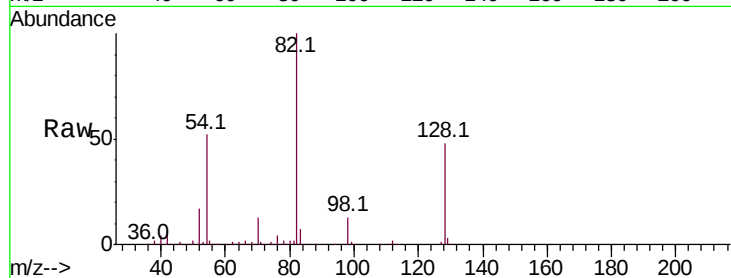
Ion Ratio Lower Upper

70 100

42 46.5 47.4 71.2#

101 0.0 7.3 10.9#

130 2.5 16.2 24.2#

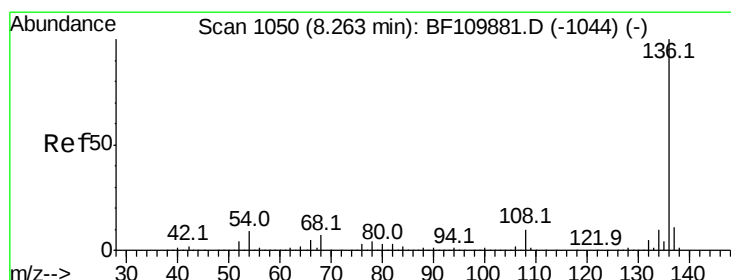
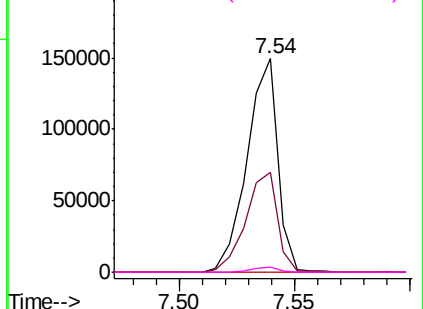


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. -0.01 min

Lab File: BF109936.D

Acq: 17 Oct 2018 22:35

Tgt Ion:136 Resp: 1006389

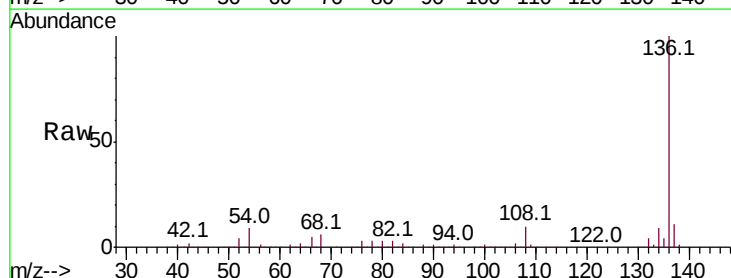
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 8.7 5.4 8.2#

68 6.2 4.2 6.2

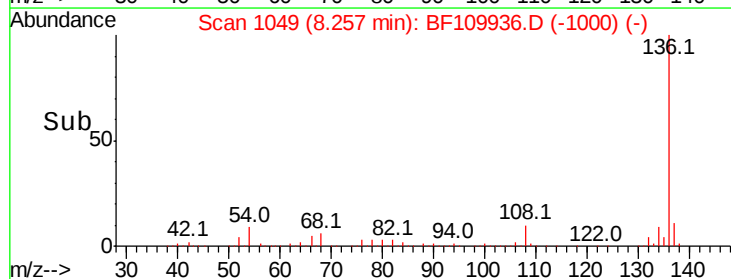
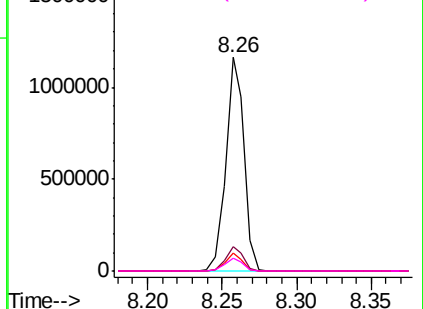


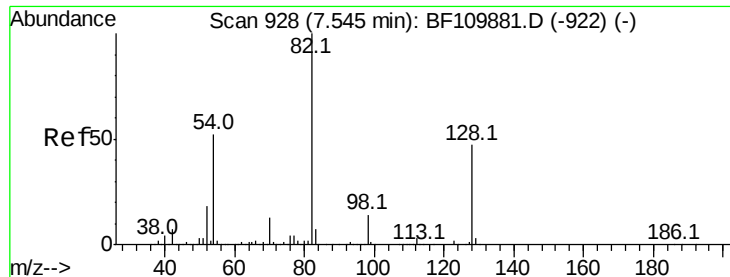
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

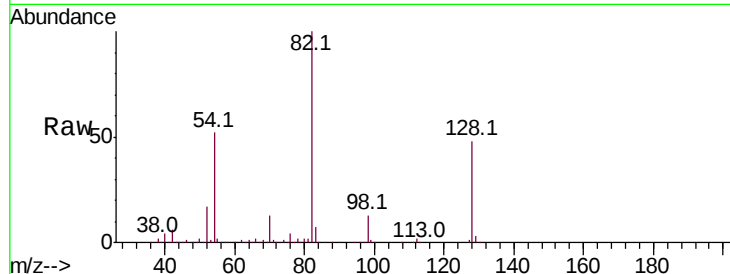




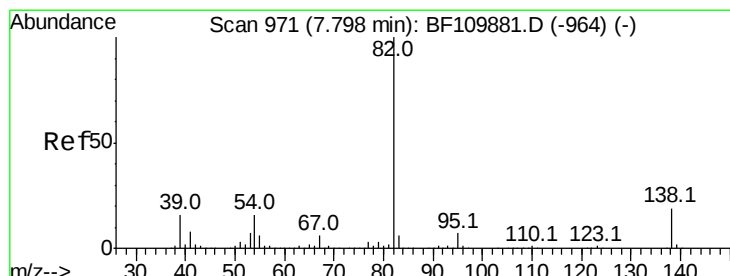
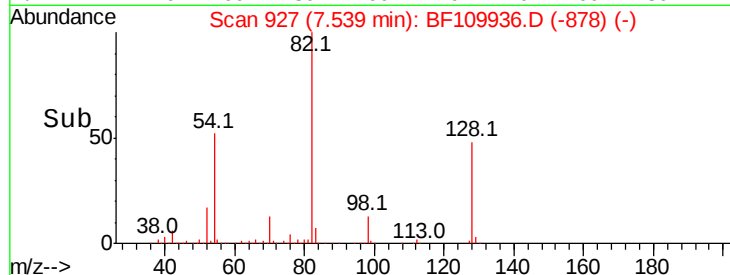
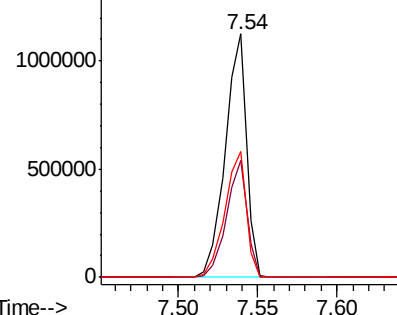
#23
 Nitrobenzene-d5
 Concen: 69.684 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: BF109936.D
 Acq: 17 Oct 2018 22:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1041045
 Ion Ratio Lower Upper
 82 100
 128 48.0 34.2 51.2
 54 51.5 38.6 58.0

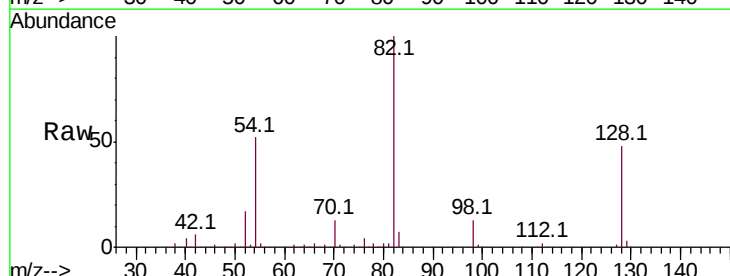


Abundance Ion 82.00 (81.70 to 82.70): BF1
 1500000 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

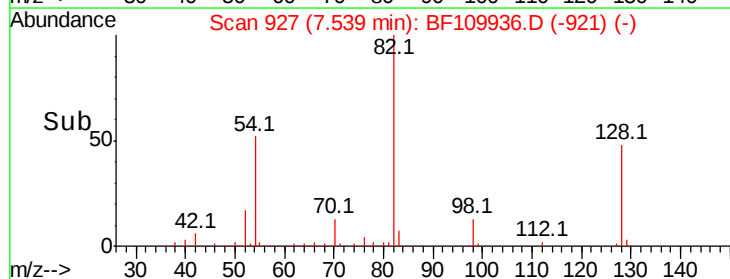
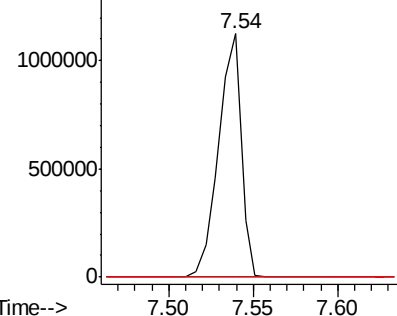


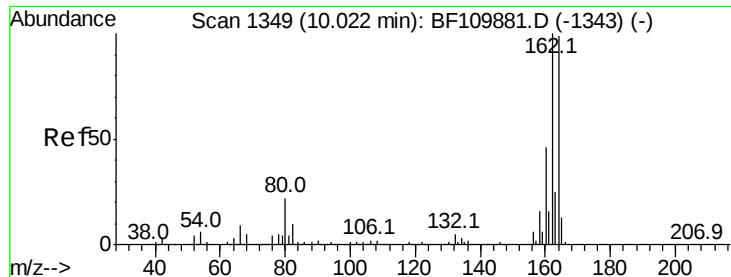
#25
 Isophorone
 Concen: 35.463 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.26 min
 Lab File: BF109936.D
 Acq: 17 Oct 2018 22:35

Tgt Ion: 82 Resp: 1041020
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.7 8.5#
 138 0.0 13.2 19.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1
 1500000 Ion 95.00 (94.70 to 95.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1

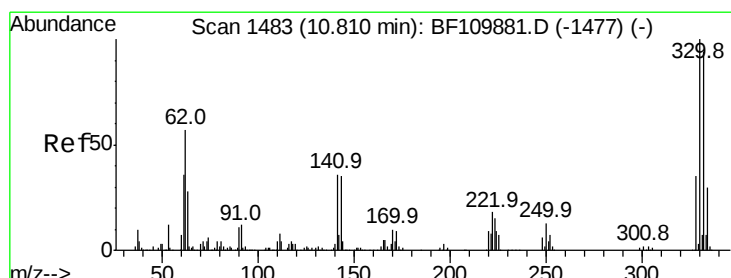
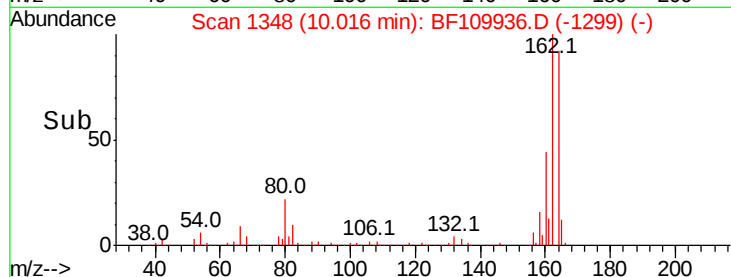
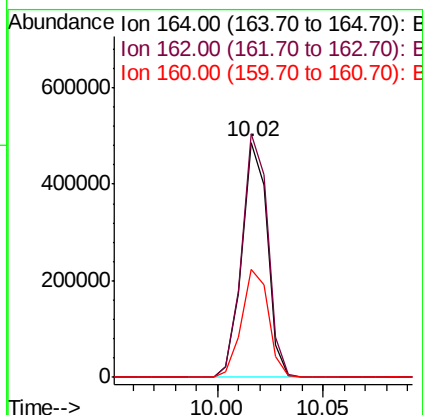
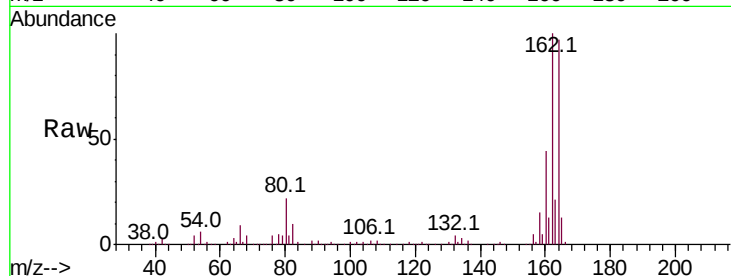




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF109936.D
Acq: 17 Oct 2018 22:35

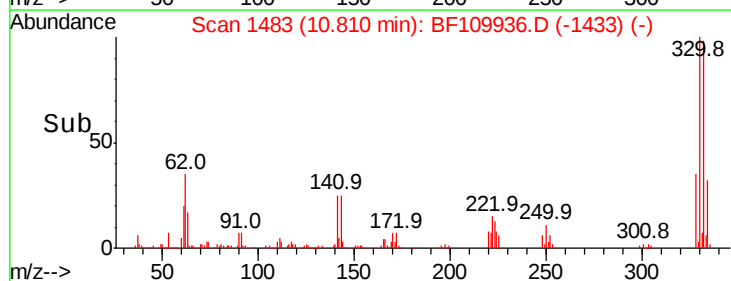
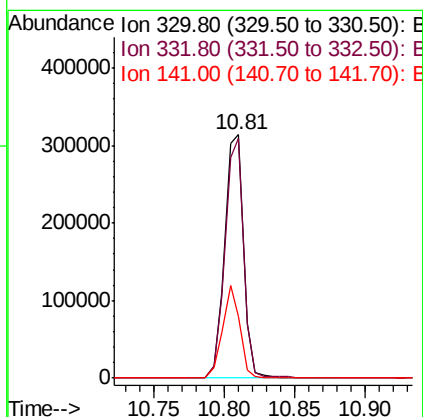
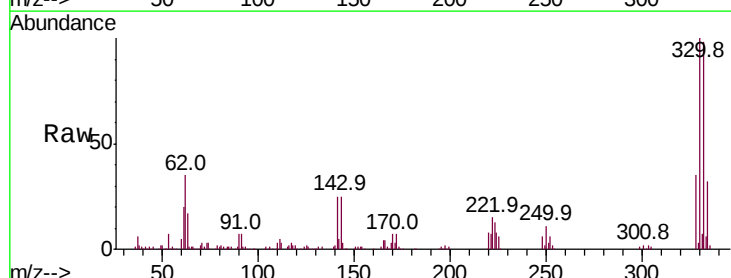
Instrument :
BNA_F
ClientSampleId :

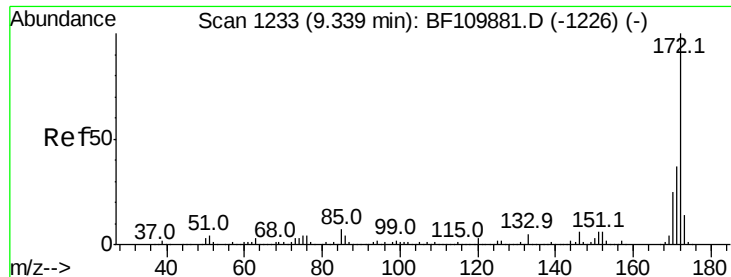
Tot Ion:164 Resp: 408722
Ion Ratio Lower Upper
164 100
162 103.5 83.0 124.6
160 45.7 37.0 55.6



#42
2,4,6-Tribromophenol
Concen: 83.075 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BF109936.D
Acq: 17 Oct 2018 22:35

Tgt Ion:330 Resp: 293969
Ion Ratio Lower Upper
330 100
332 96.6 77.1 115.7
141 34.5 27.0 40.4

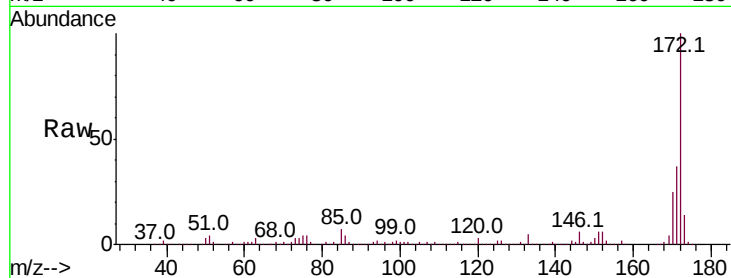




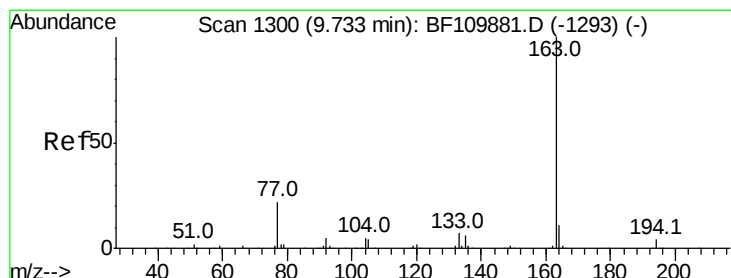
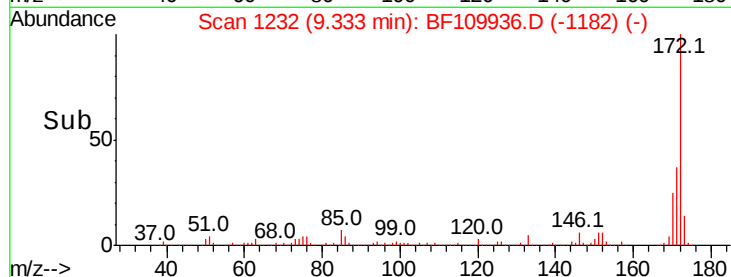
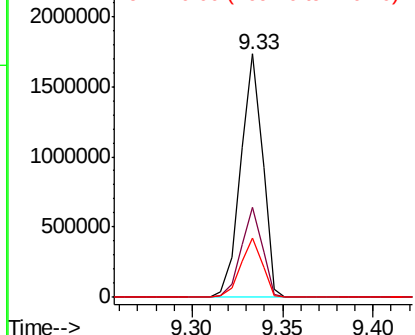
#45
2-Fluorobiphenyl
Concen: 56.649 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF109936.D
Acq: 17 Oct 2018 22:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1451039
Ion Ratio Lower Upper
172 100
171 36.7 28.6 43.0
170 24.6 19.7 29.5

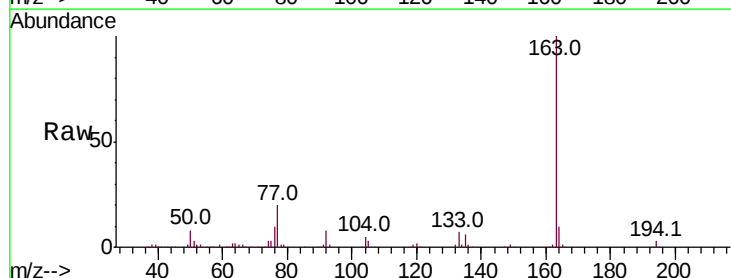


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

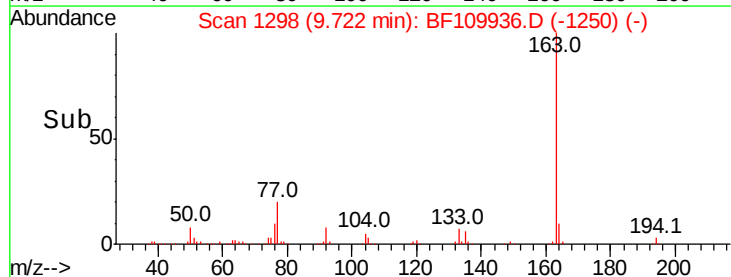
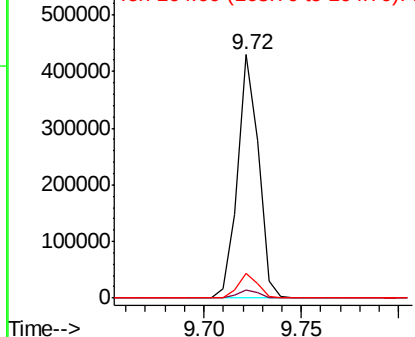


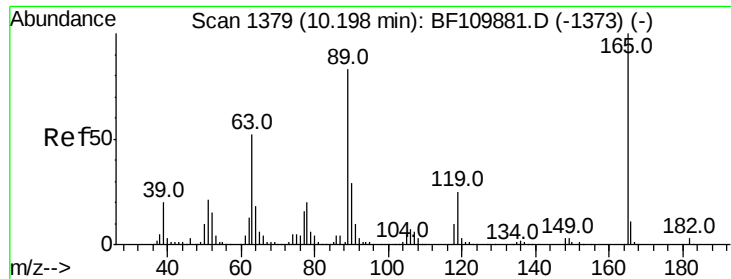
#50
Dimethylphthalate
Concen: 11.093 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF109936.D
Acq: 17 Oct 2018 22:35

Tgt Ion:163 Resp: 321051
Ion Ratio Lower Upper
163 100
194 3.4 3.2 4.8
164 10.3 8.1 12.1



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

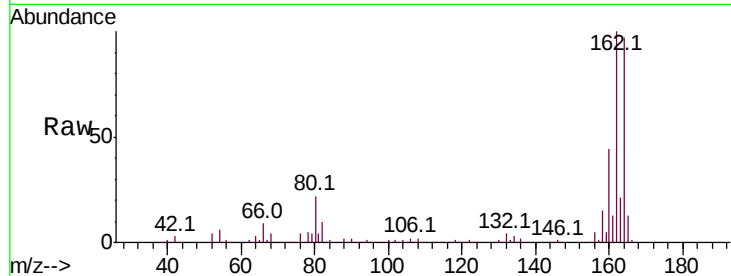




#57
 2,4-Dinitrotoluene
 Concen: 11.343 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.19 min
 Lab File: BF109936.D
 Acq: 17 Oct 2018 22:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.8	67.2#
89	1.2	62.2	93.4#
182	0.0	2.1	3.1#



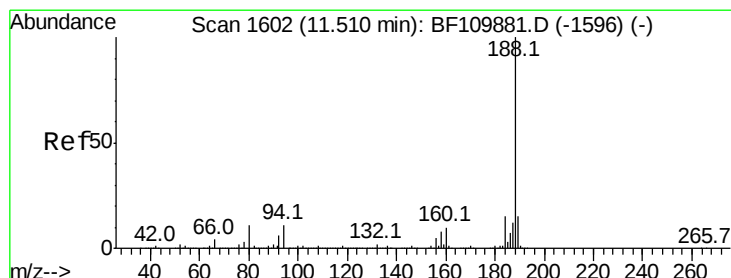
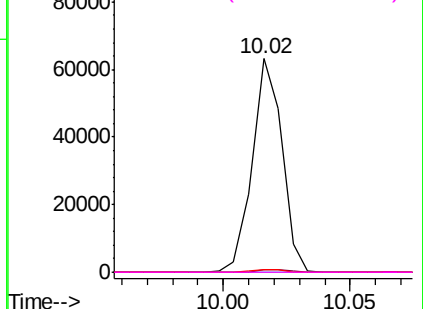
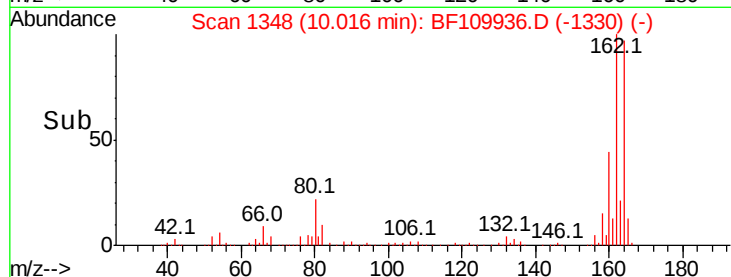
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

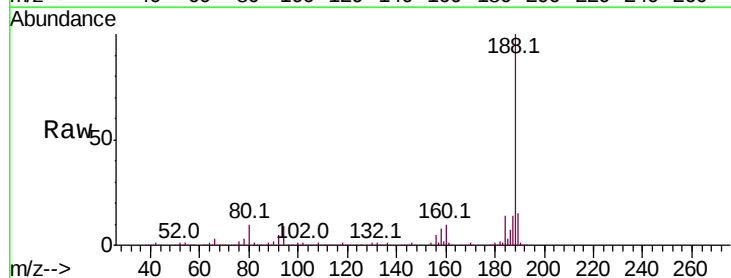
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. -0.01 min
 Lab File: BF109936.D
 Acq: 17 Oct 2018 22:35

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.2	10.8
80	9.6	7.9	11.9

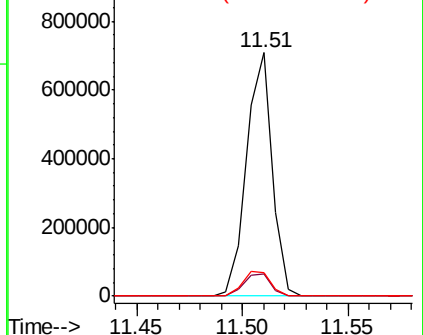
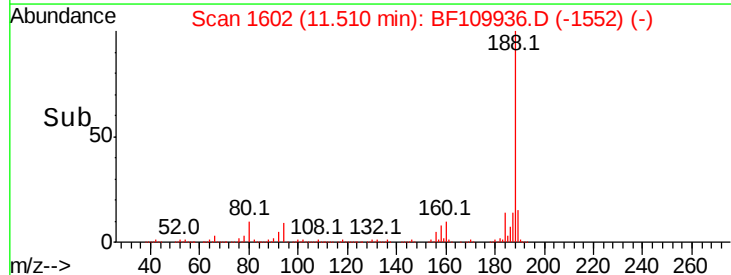


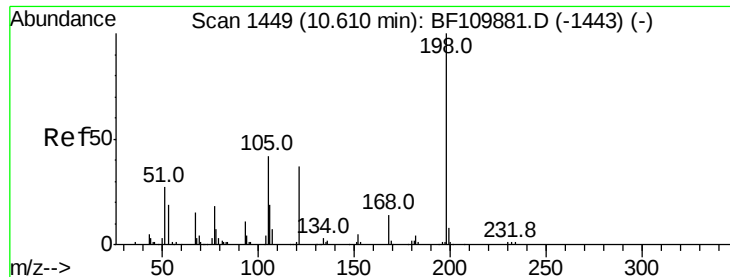
Abundance

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

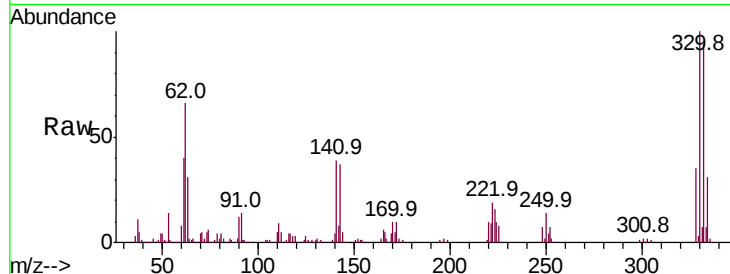




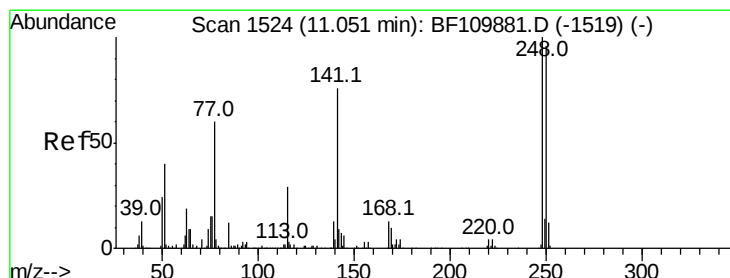
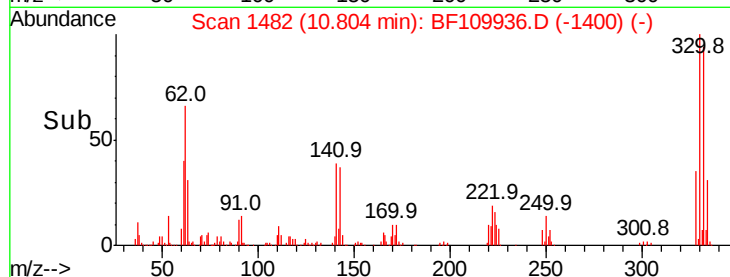
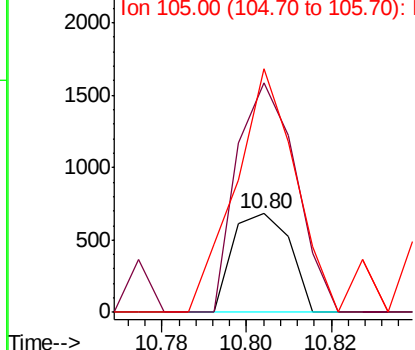
#65
4,6-Dinitro-2-methylphenol
Concen: 8.152 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.18 min
Lab File: BF109936.D
Acq: 17 Oct 2018 22:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 641
Ion Ratio Lower Upper
198 100
51 233.1 22.8 62.8#
105 246.6 23.6 63.6#

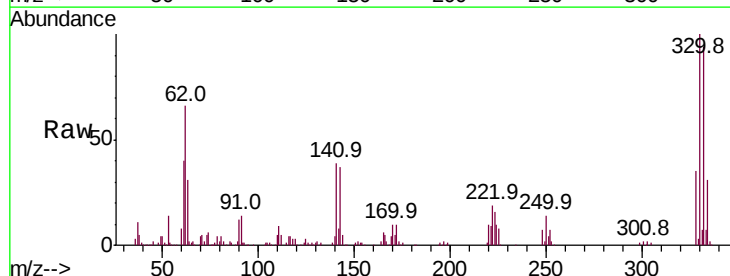


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

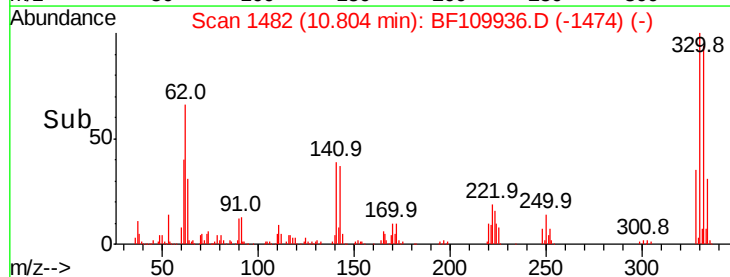
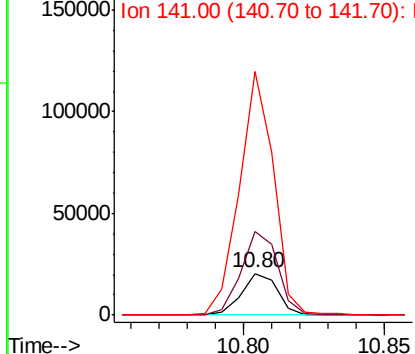


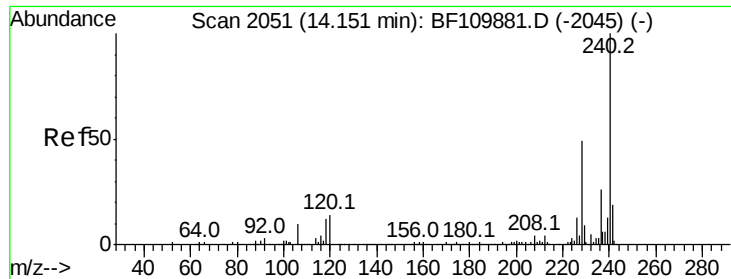
#67
4-Bromophenyl-phenylether
Concen: 2.815 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.25 min
Lab File: BF109936.D
Acq: 17 Oct 2018 22:35

Tgt Ion:248 Resp: 18186
Ion Ratio Lower Upper
248 100
250 200.9 79.4 119.2#
141 586.6 55.9 83.9#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BF109936.D

Acq: 17 Oct 2018 22:35

Instrument :

BNA_F

ClientSampleId :

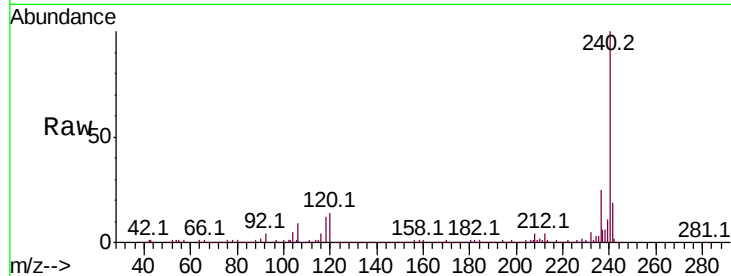
Tot Ion:240 Resp: 540391

Ion Ratio Lower Upper

240 100

120 14.3 8.3 12.5#

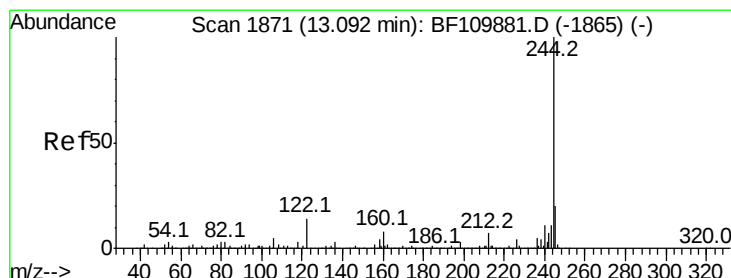
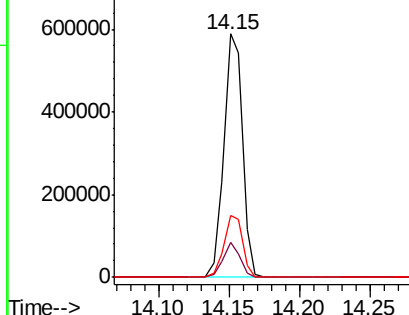
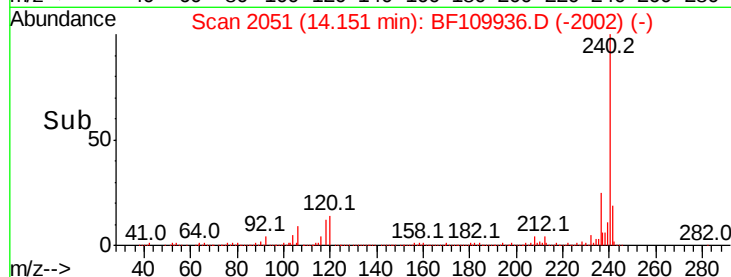
236 25.3 21.2 31.8



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



#79

Terphenyl-d14

Concen: 38.192 ng

RT: 13.09 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BF109936.D

Acq: 17 Oct 2018 22:35

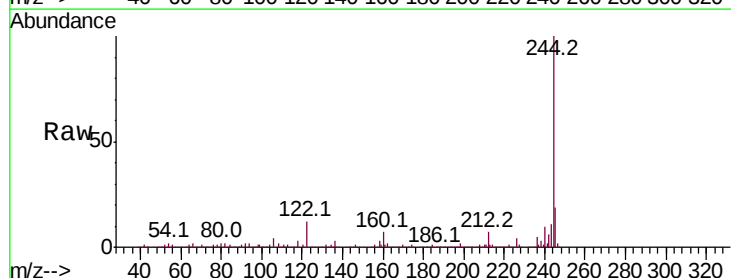
Tgt Ion:244 Resp: 982830

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

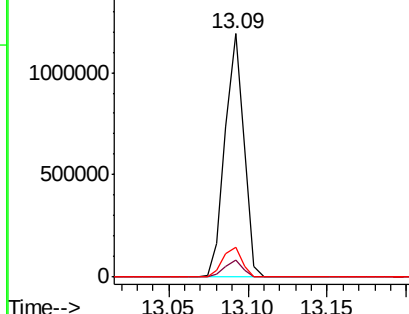
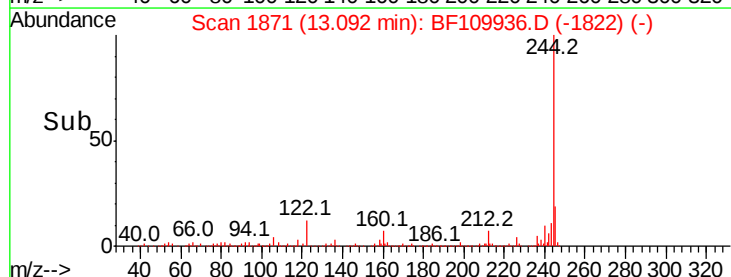
122 12.5 8.7 13.1

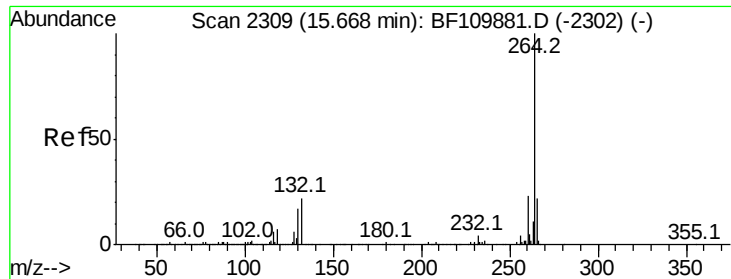


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



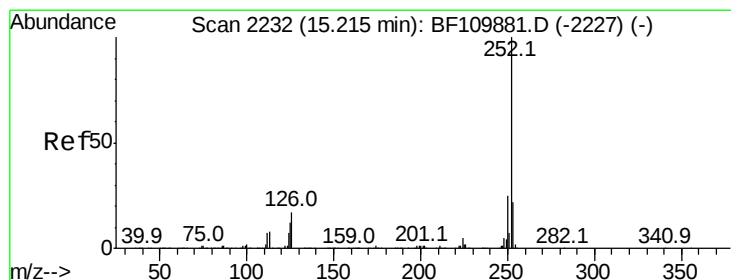
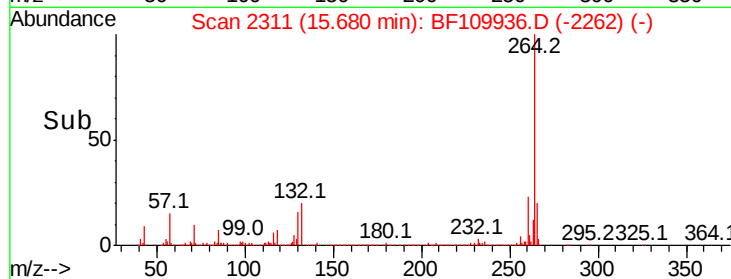
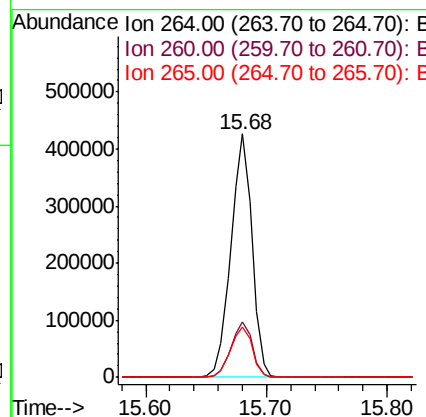
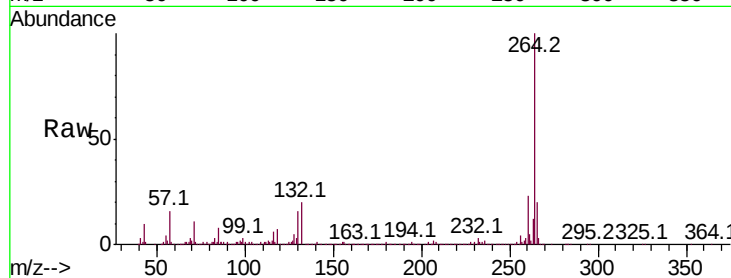


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BF109936.D
Acq: 17 Oct 2018 22:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 517774

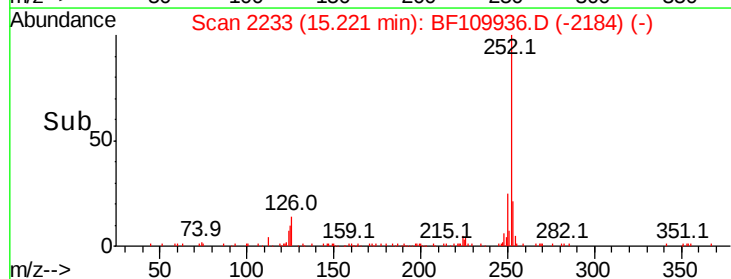
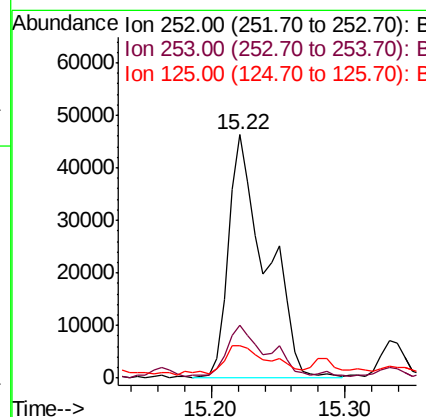
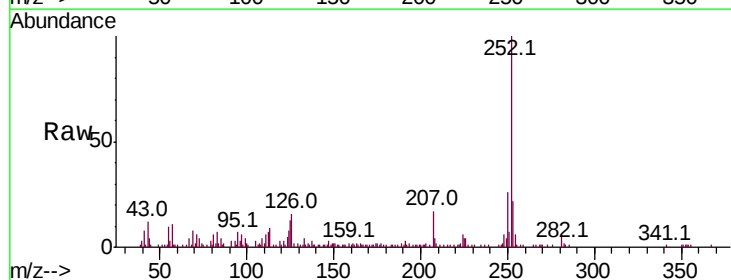
Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.7	28.1
265	20.4	16.7	25.1

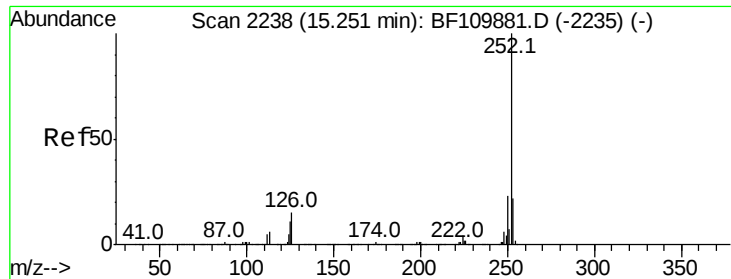


#88
Benzo(b)fluoranthene
Concen: 3.044 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF109936.D
Acq: 17 Oct 2018 22:35

Tgt Ion:252 Resp: 90855

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	13.5	8.2	12.4





#89

Benzo(k)fluoranthene

Concen: 3.088 ng

RT: 15.22 min Scan# 2233

Delta R.T. -0.05 min

Lab File: BF109936.D

Acq: 17 Oct 2018 22:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:252 Resp: 90855

Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 13.5 7.4 11.0#

