

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101718\
 Data File : BF109928.D
 Acq On : 17 Oct 2018 19:00
 Operator : JU/SJ
 Sample : PB113915BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 18 10:40:31 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

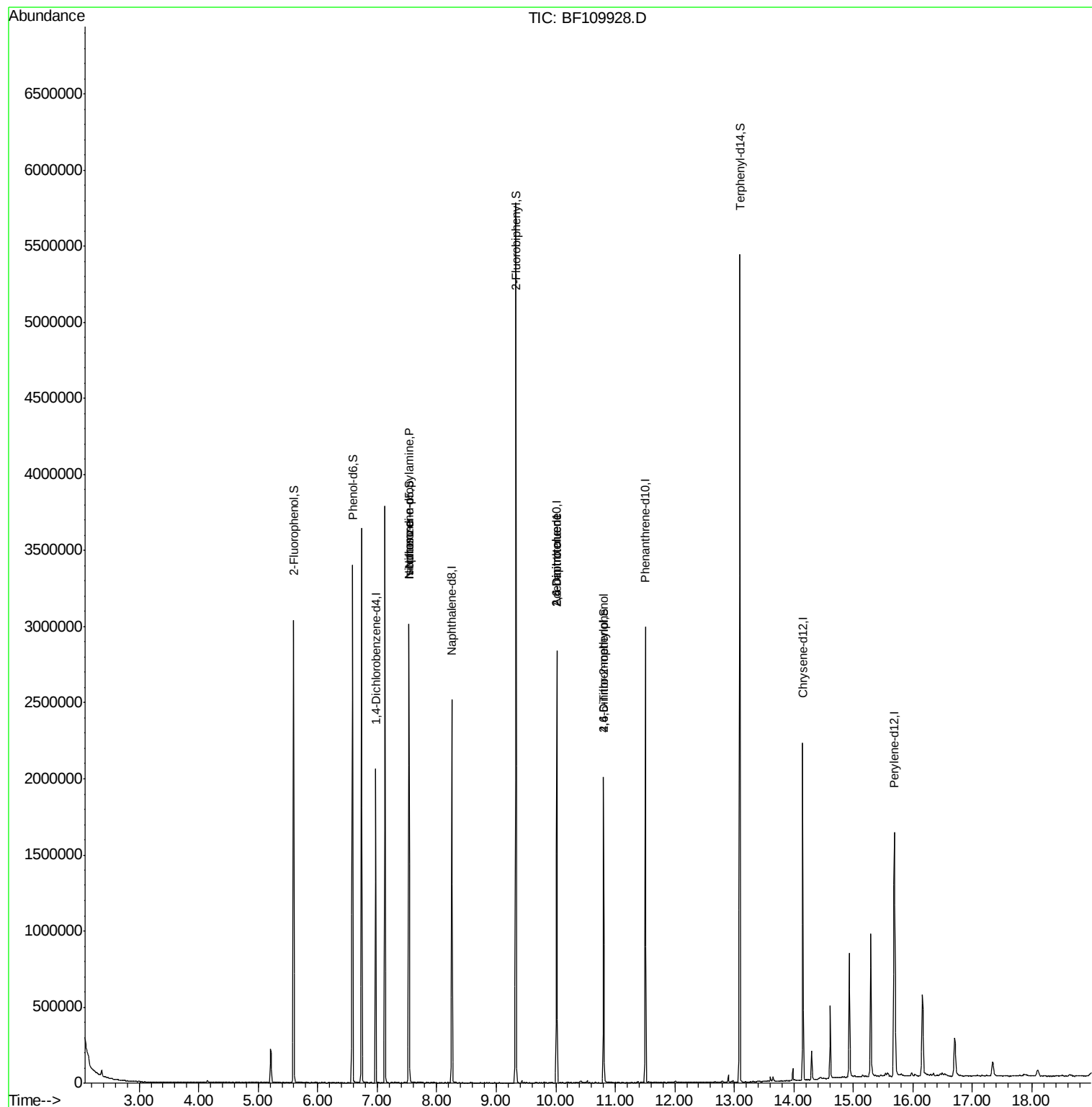
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	272451	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	1121178	20.00	ng	-0.01
39) Acenaphthene-d10	10.02	164	546893	20.00	ng	-0.01
64) Phenanthrene-d10	11.51	188	1068547	20.00	ng	0.00
76) Chrysene-d12	14.15	240	751818	20.00	ng	-0.01
87) Perylene-d12	15.69	264	556348	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	857209	49.87	ng	0.00
7) Phenol-d6	6.59	99	1063814	49.84	ng	-0.02
23) Nitrobenzene-d5	7.53	82	941099	56.54	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	212986	44.98	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1846043	53.86	ng	0.00
79) Terphenyl-d14	13.09	244	1808019	50.50	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	123319	8.999	ng	# 80
25) Isophorone	7.53	82	941092	28.777	ng	# 67
51) 2,6-Dinitrotoluene	10.02	165	69121	9.398	ng	# 23
57) 2,4-Dinitrotoluene	10.02	165	69121	11.312	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.80	198	345	7.979	ng	# 1

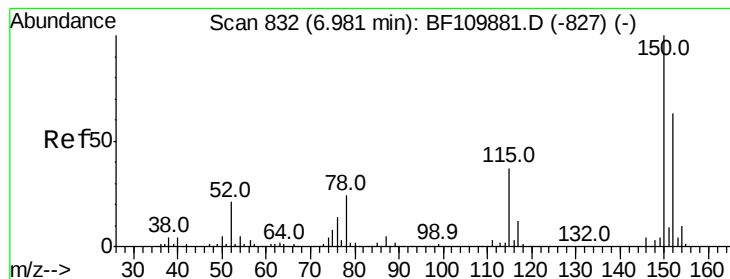
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101718\
Data File : BF109928.D
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Misc :
ALS Vial : 6 Sample Multiplier: 1

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BNA_F
ClientSampleId :

Quant Time: Oct 18 10:40:31 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



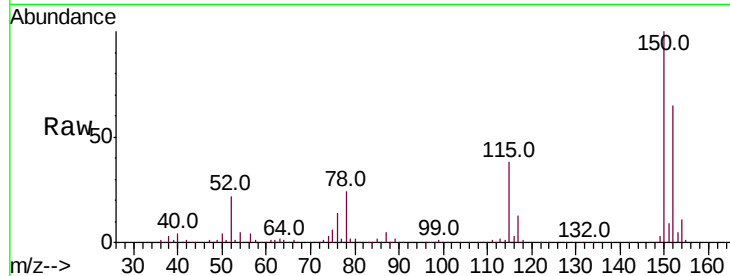


#1

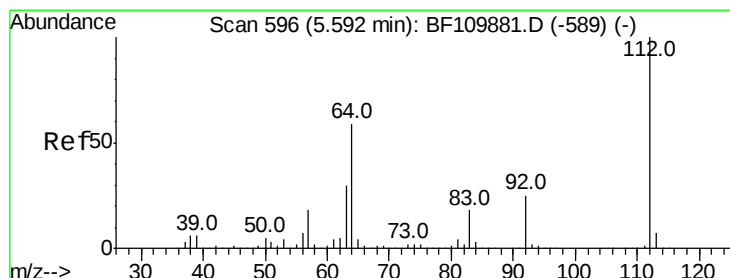
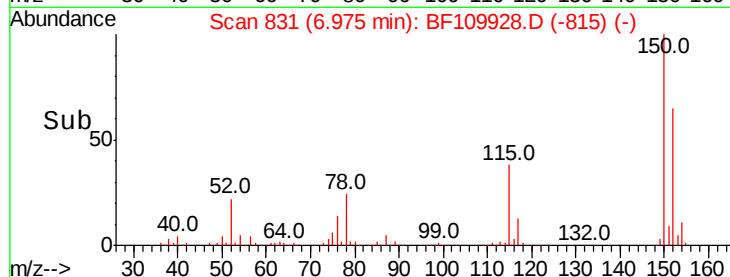
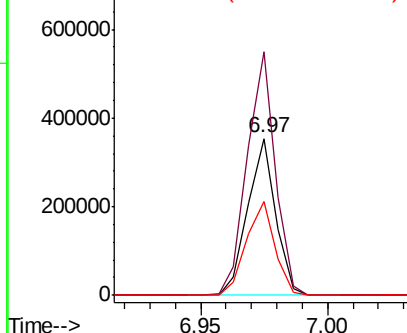
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109928.D
Acq: 17 Oct 2018 19:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 272451
Ion Ratio Lower Upper
152 100
150 154.9 122.7 184.1
115 59.6 49.1 73.7



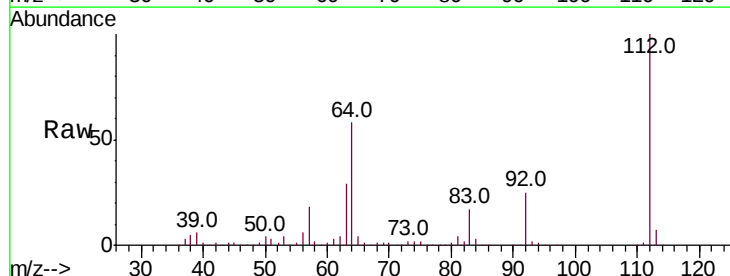
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



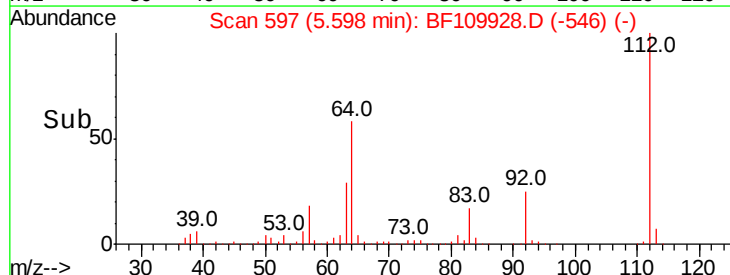
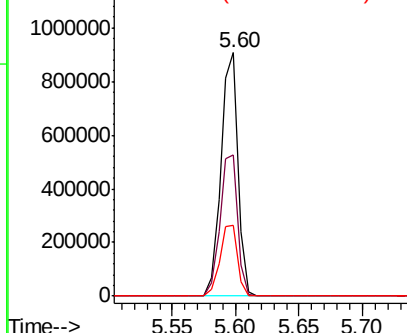
#5

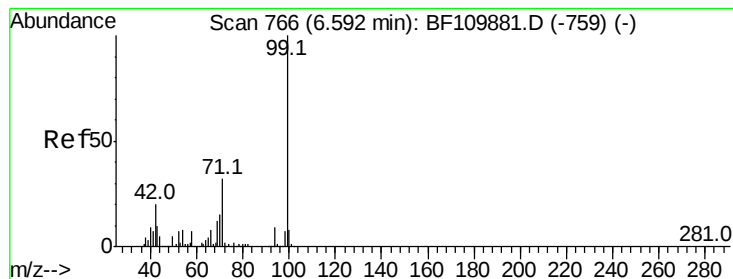
2-Fluorophenol
Concen: 49.873 ng
RT: 5.60 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF109928.D
Acq: 17 Oct 2018 19:00

Tgt Ion:112 Resp: 857209
Ion Ratio Lower Upper
112 100
64 57.8 44.1 66.1
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: 49.844 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF109928.D

Acq: 17 Oct 2018 19:00

Instrument :

BNA_F

ClientSampleId :

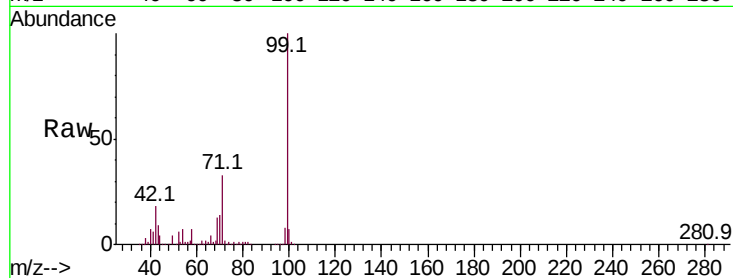
Tot Ion: 99 Resp: 1063814

Ion Ratio Lower Upper

99 100

42 18.0 15.8 23.6

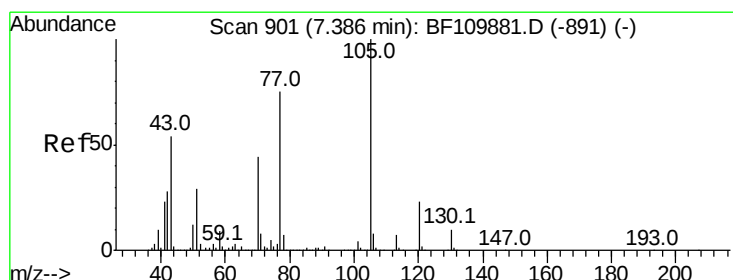
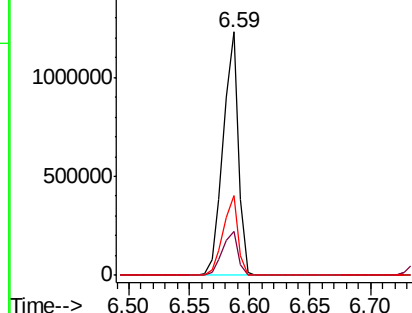
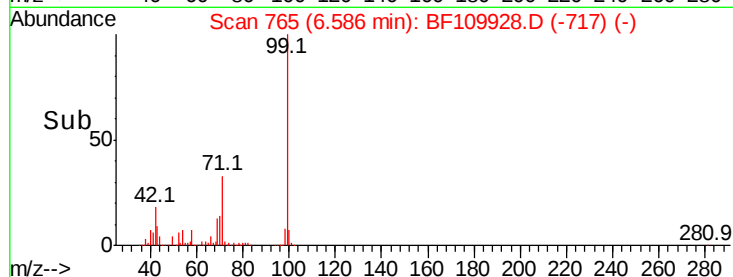
71 32.6 28.0 42.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 8.999 ng

RT: 7.53 min Scan# 926

Delta R.T. 0.14 min

Lab File: BF109928.D

Acq: 17 Oct 2018 19:00

Tgt Ion: 70 Resp: 123319

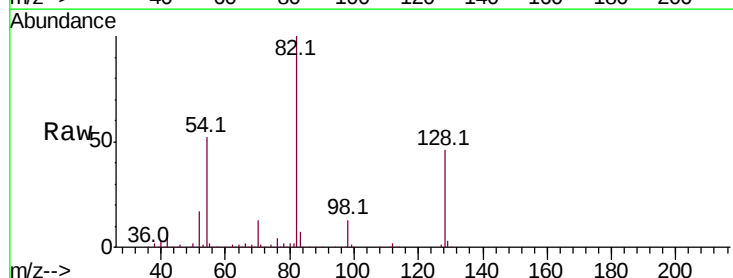
Ion Ratio Lower Upper

70 100

42 49.5 47.4 71.2

101 0.0 7.3 10.9#

130 2.4 16.2 24.2#

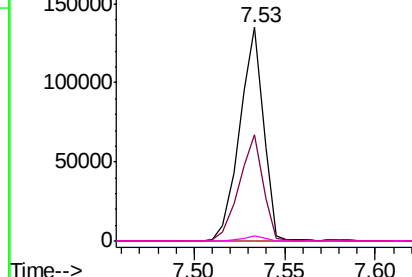
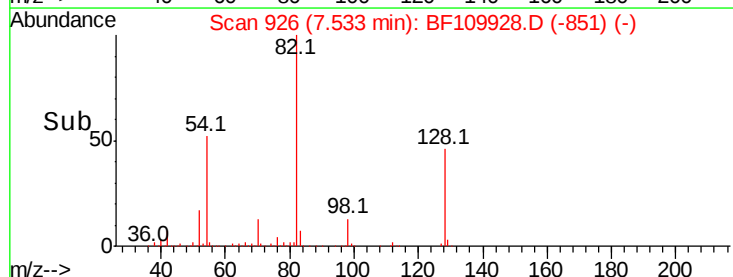


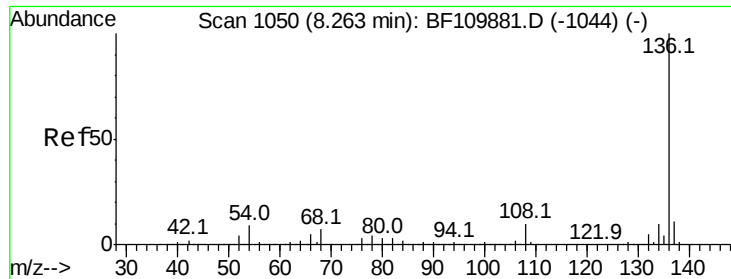
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

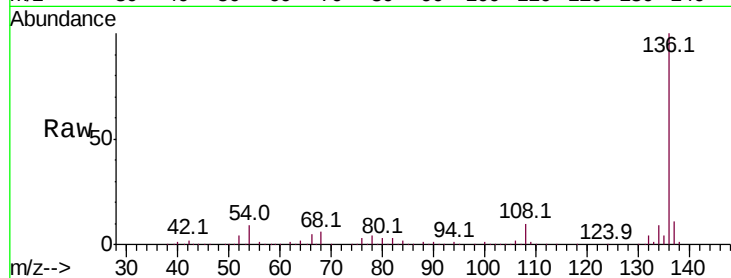




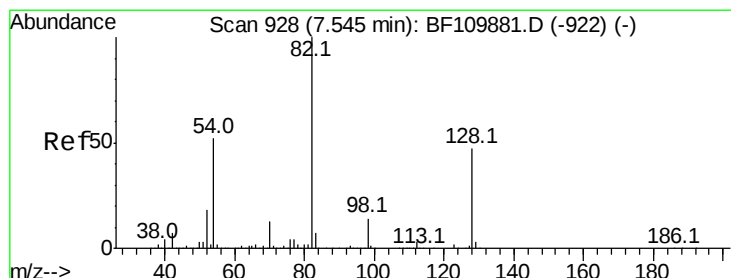
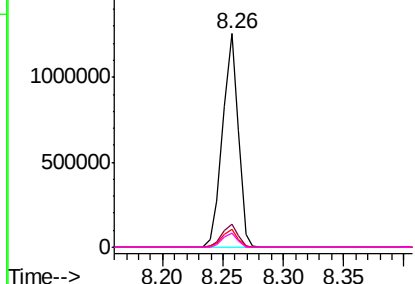
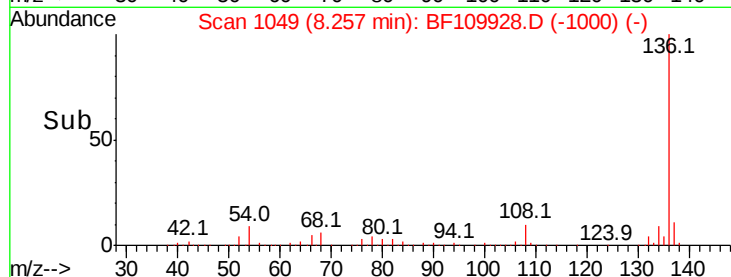
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF109928.D
Acq: 17 Oct 2018 19:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	1121178
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	8.7	5.4	8.2#
68	6.4	4.2	6.2#

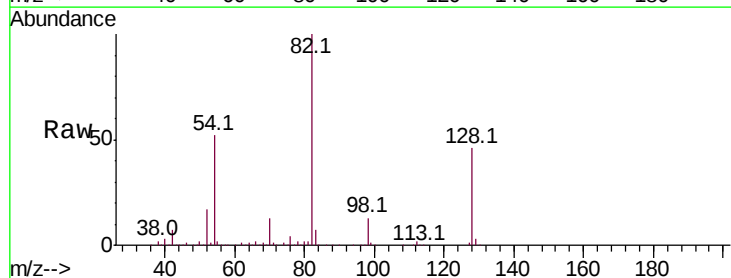


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

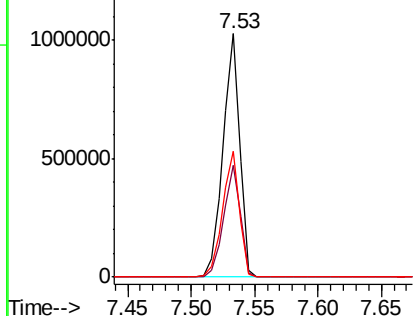
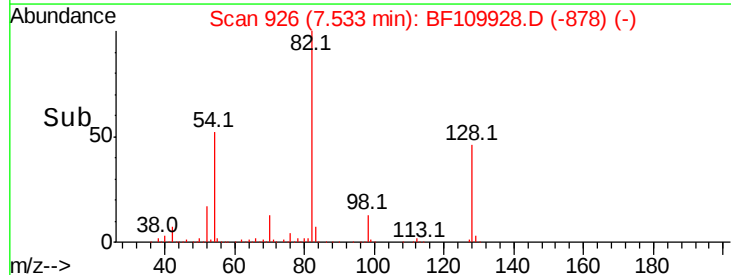


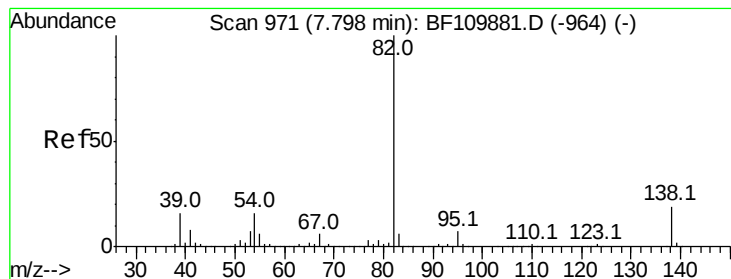
#23
Nitrobenzene-d5
Concen: 56.544 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF109928.D
Acq: 17 Oct 2018 19:00

Tgt Ion:	82	Resp:	941099
Ion	Ratio	Lower	Upper
82	100		
128	45.9	34.2	51.2
54	51.8	38.6	58.0



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





#25

Isophorone

Concen: 28.777 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.27 min

Lab File: BF109928.D

Acq: 17 Oct 2018 19:00

Instrument :

BNA_F

ClientSampled :

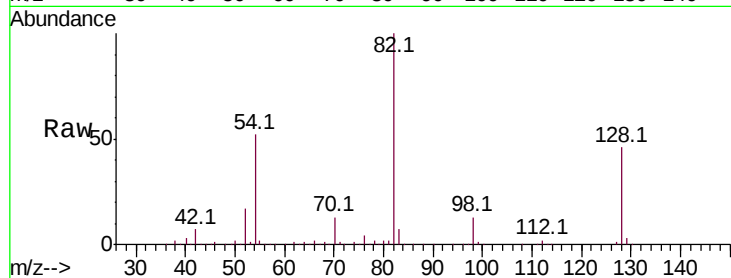
Tot Ion: 82 Resp: 941092

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

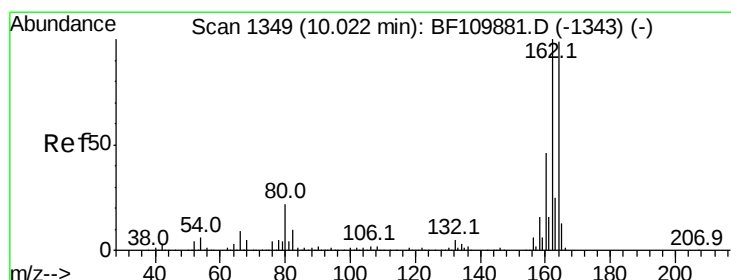
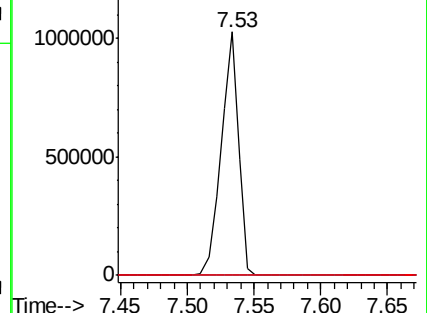
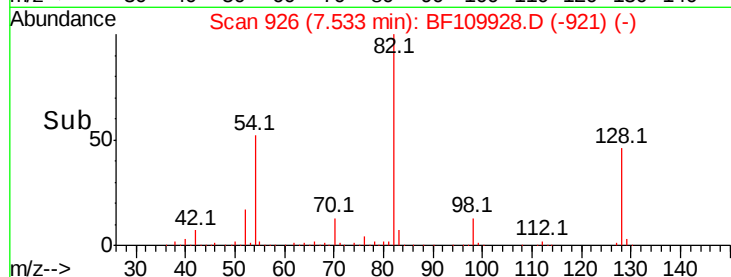
138 0.0 13.2 19.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1

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: BF109928.D

Acq: 17 Oct 2018 19:00

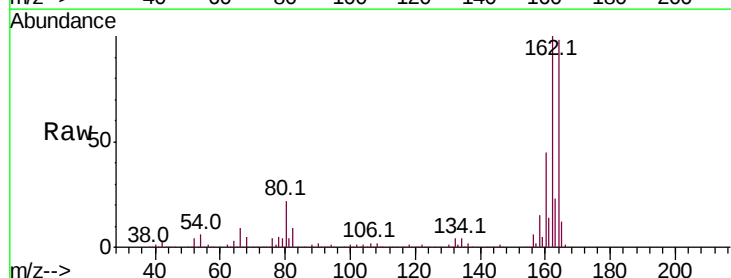
Tgt Ion:164 Resp: 546893

Ion Ratio Lower Upper

164 100

162 102.5 83.0 124.6

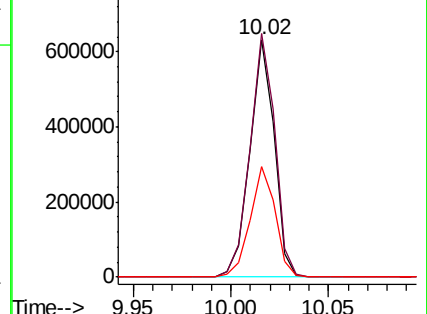
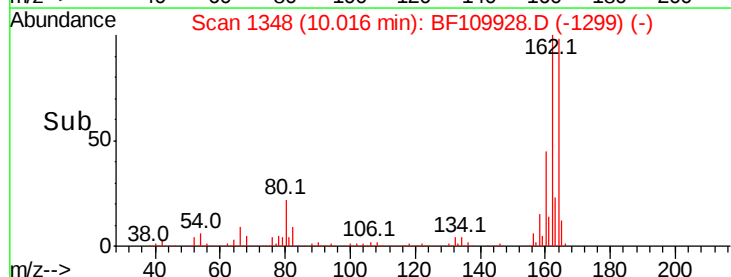
160 46.6 37.0 55.6

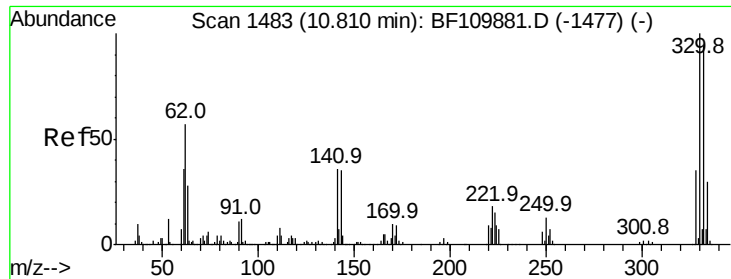


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

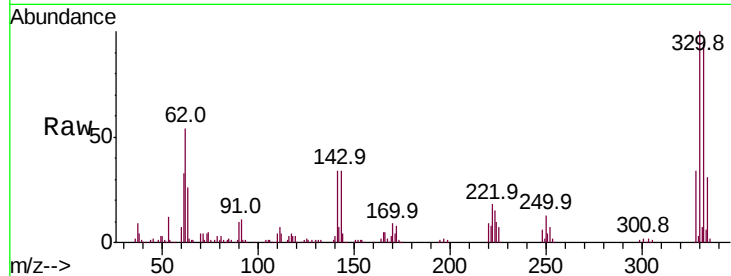




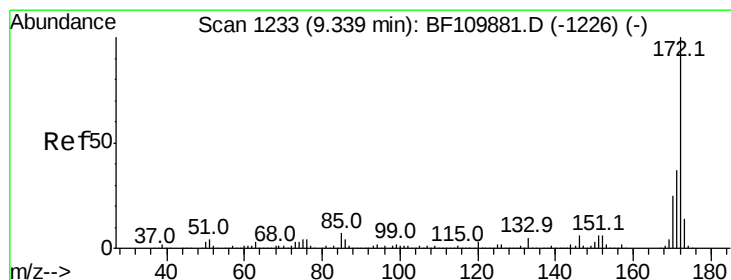
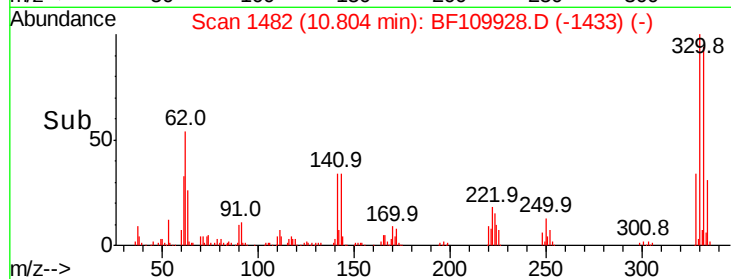
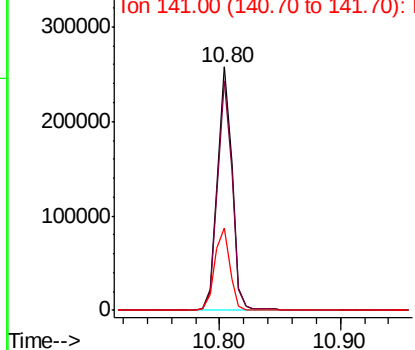
#42
 2,4,6-Tribromophenol
 Concen: 44.983 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF109928.D
 Acq: 17 Oct 2018 19:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 212986
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.1 115.7
 141 35.3 27.0 40.4

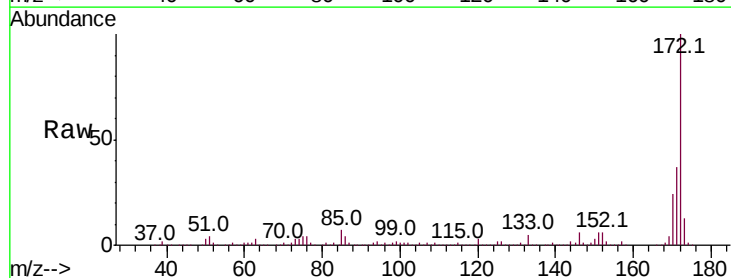


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

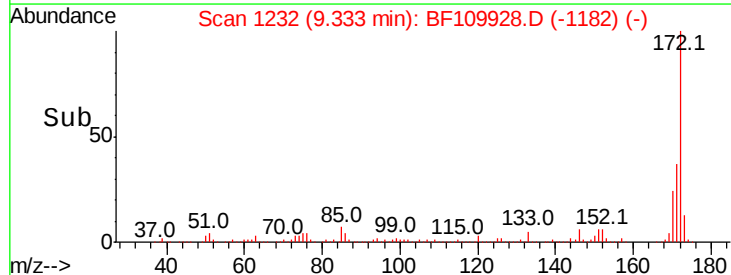
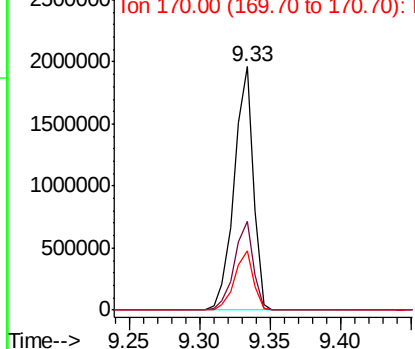


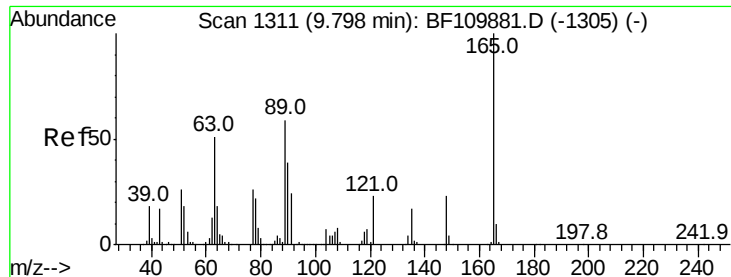
#45
 2-Fluorobiphenyl
 Concen: 53.862 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF109928.D
 Acq: 17 Oct 2018 19:00

Tgt Ion:172 Resp: 1846043
 Ion Ratio Lower Upper
 172 100
 171 36.6 28.6 43.0
 170 24.2 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

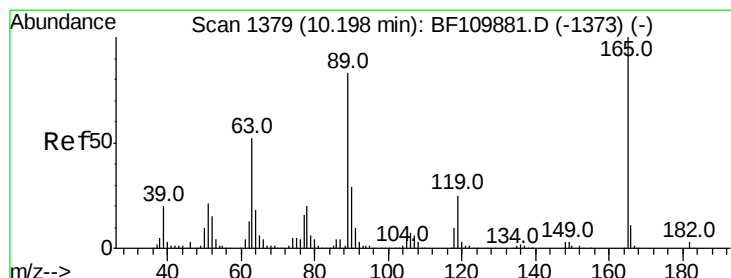
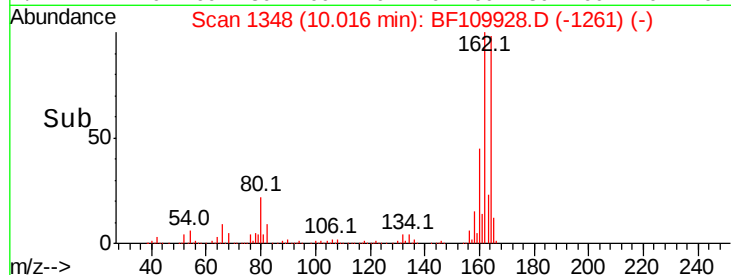
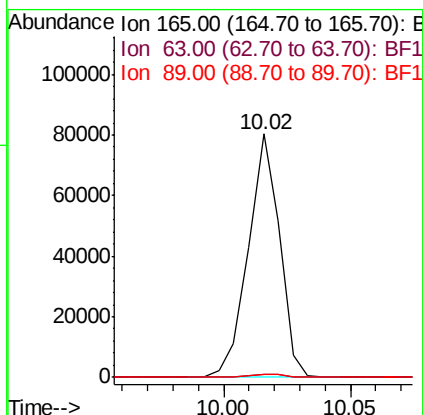
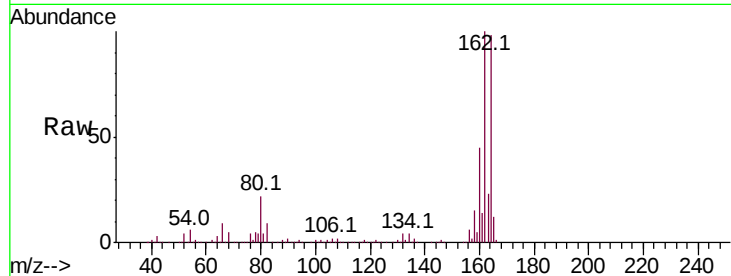




#51
 2,6-Dinitrotoluene
 Concen: 9.398 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. 0.21 min
 Lab File: BF109928.D
 Acq: 17 Oct 2018 19:00

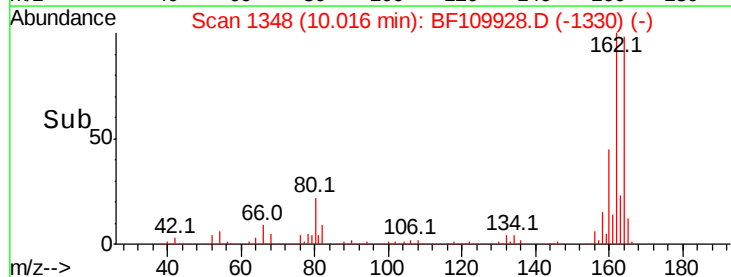
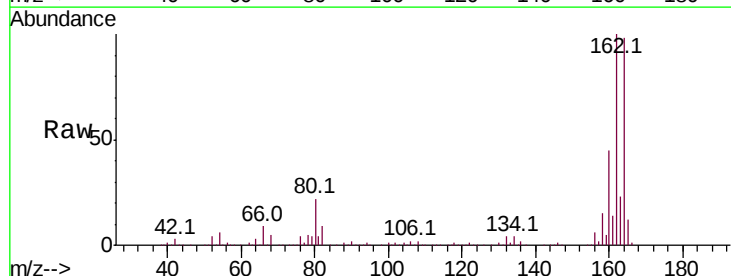
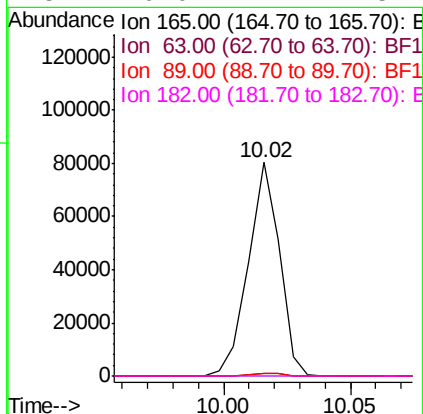
Instrument :
 BNA_F
 ClientSampleId :

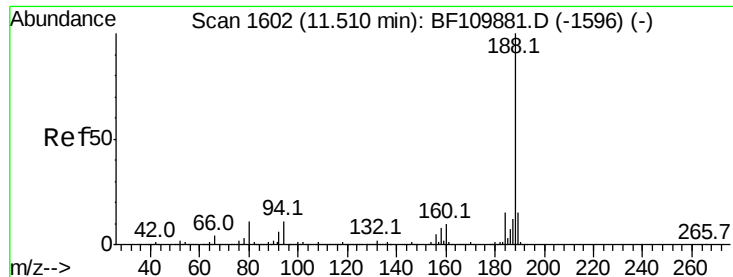
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	48.9	73.3#
89	1.5	46.6	69.8#



#57
 2,4-Dinitrotoluene
 Concen: 11.312 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.19 min
 Lab File: BF109928.D
 Acq: 17 Oct 2018 19:00

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	44.8	67.2#
89	1.5	62.2	93.4#
182	0.0	2.1	3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.51 min Scan# 1602

Delta R.T. -0.01 min

Lab File: BF109928.D

Acq: 17 Oct 2018 19:00

Instrument :

BNA_F

ClientSampleId :

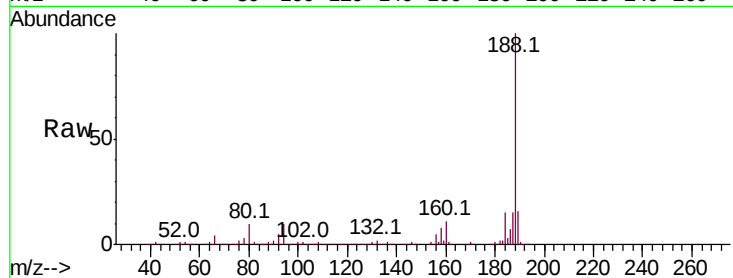
Tot Ion:188 Resp: 1068547

Ion	Ratio	Lower	Upper
188	100		
94	10.2	7.2	10.8
80	10.1	7.9	11.9

188 100

94 10.2 7.2 10.8

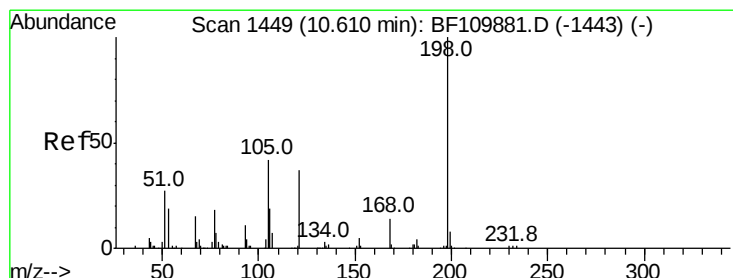
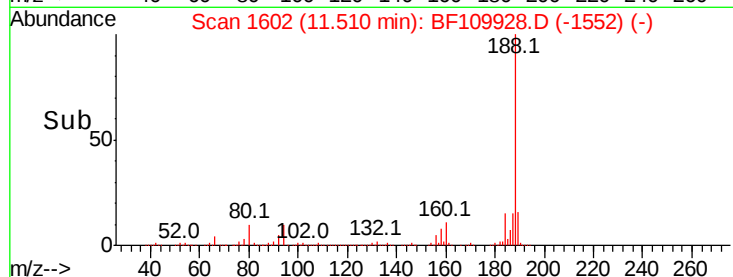
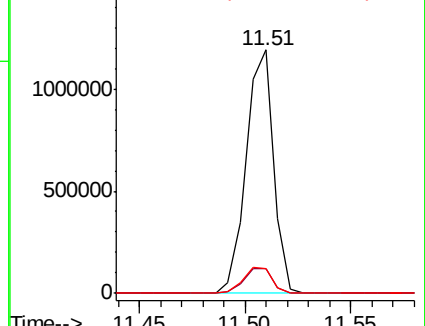
80 10.1 7.9 11.9



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: 7.979 ng

RT: 10.80 min Scan# 1482

Delta R.T. 0.18 min

Lab File: BF109928.D

Acq: 17 Oct 2018 19:00

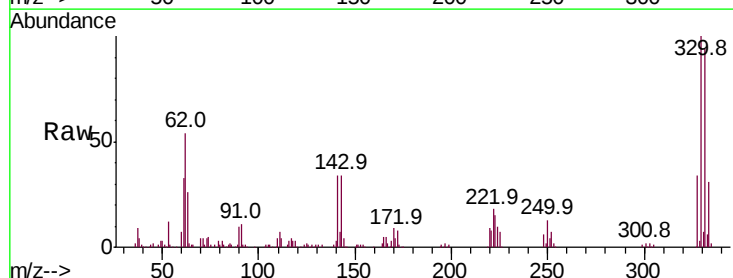
Tgt Ion:198 Resp: 345

Ion	Ratio	Lower	Upper
198	100		
51	236.1	22.8	62.8#
105	242.7	23.6	63.6#

198 100

51 236.1 22.8 62.8#

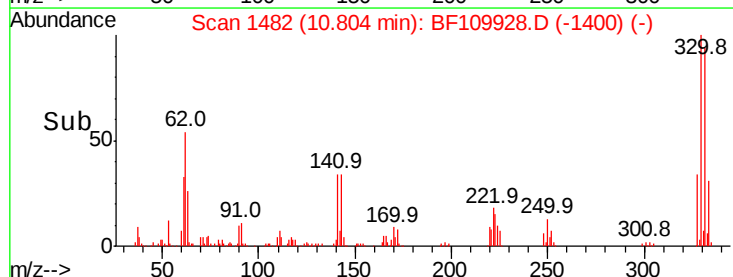
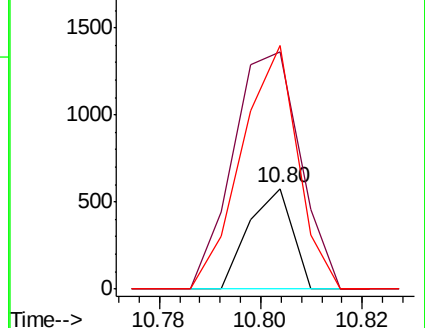
105 242.7 23.6 63.6#

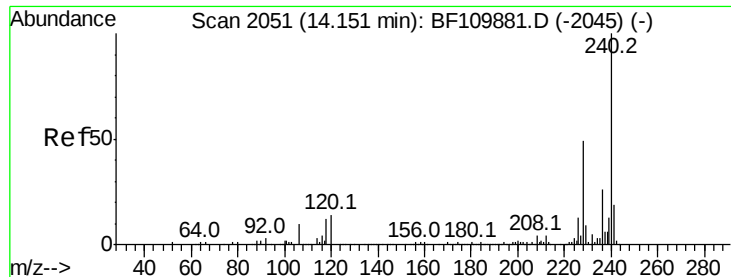


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#76

Chrvsene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BF109928.D

Acq: 17 Oct 2018 19:00

Instrument :

BNA_F

ClientSampleId :

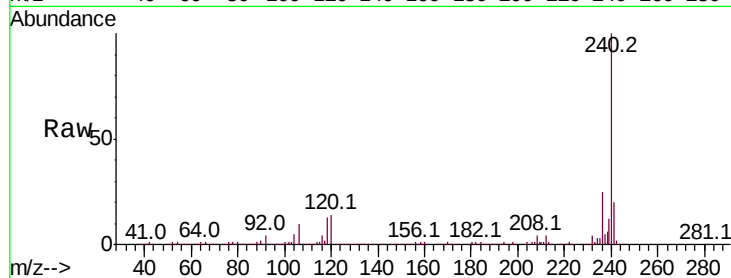
Tot Ion:240 Resp: 751818

Ion Ratio Lower Upper

240 100

120 14.5 8.3 12.5#

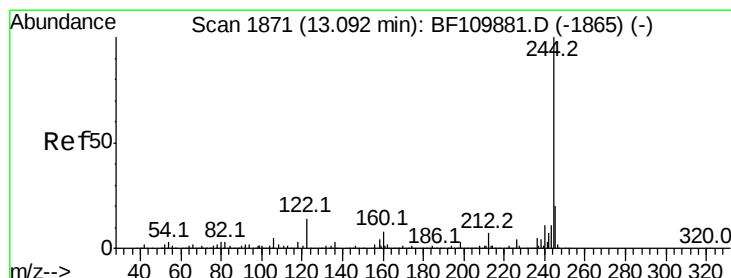
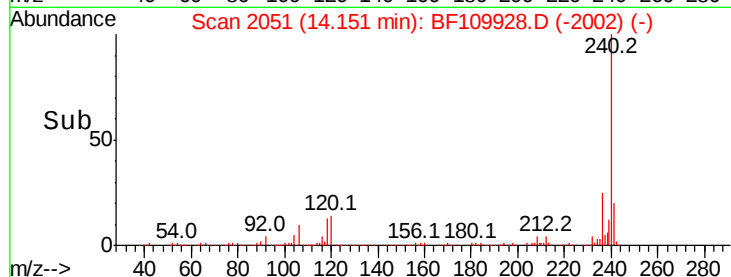
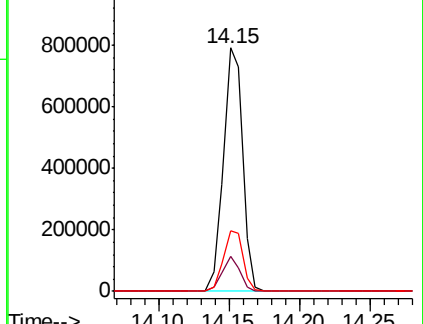
236 25.1 21.2 31.8



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: 50.500 ng

RT: 13.09 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BF109928.D

Acq: 17 Oct 2018 19:00

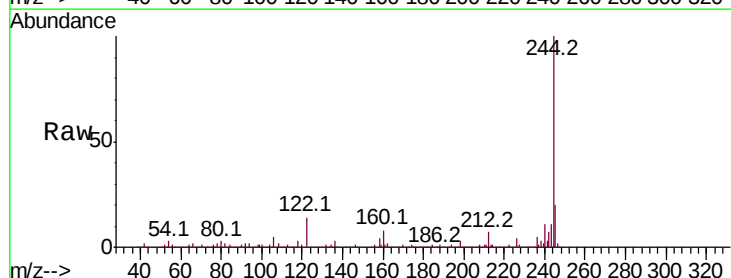
Tgt Ion:244 Resp: 1808019

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

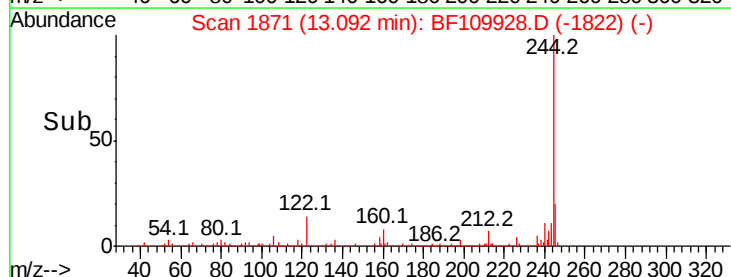
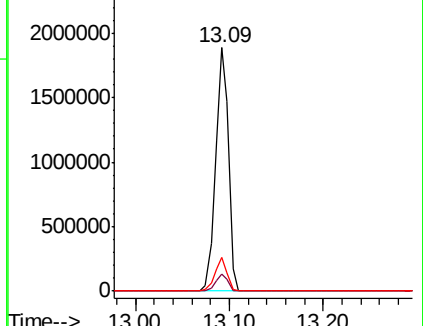
122 13.9 8.7 13.1#

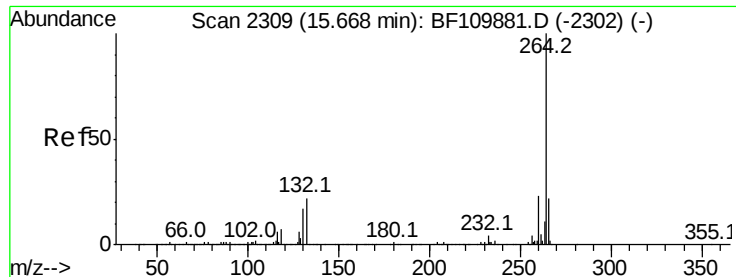


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.69 min Scan# 2312
Delta R.T. -0.01 min
Lab File: BF109928.D
Acq: 17 Oct 2018 19:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	21.3	16.7	25.1

