

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101718\
 Data File : BF109933.D
 Acq On : 17 Oct 2018 21:15
 Operator : JU/SJ
 Sample : J5539-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 18 10:41:52 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

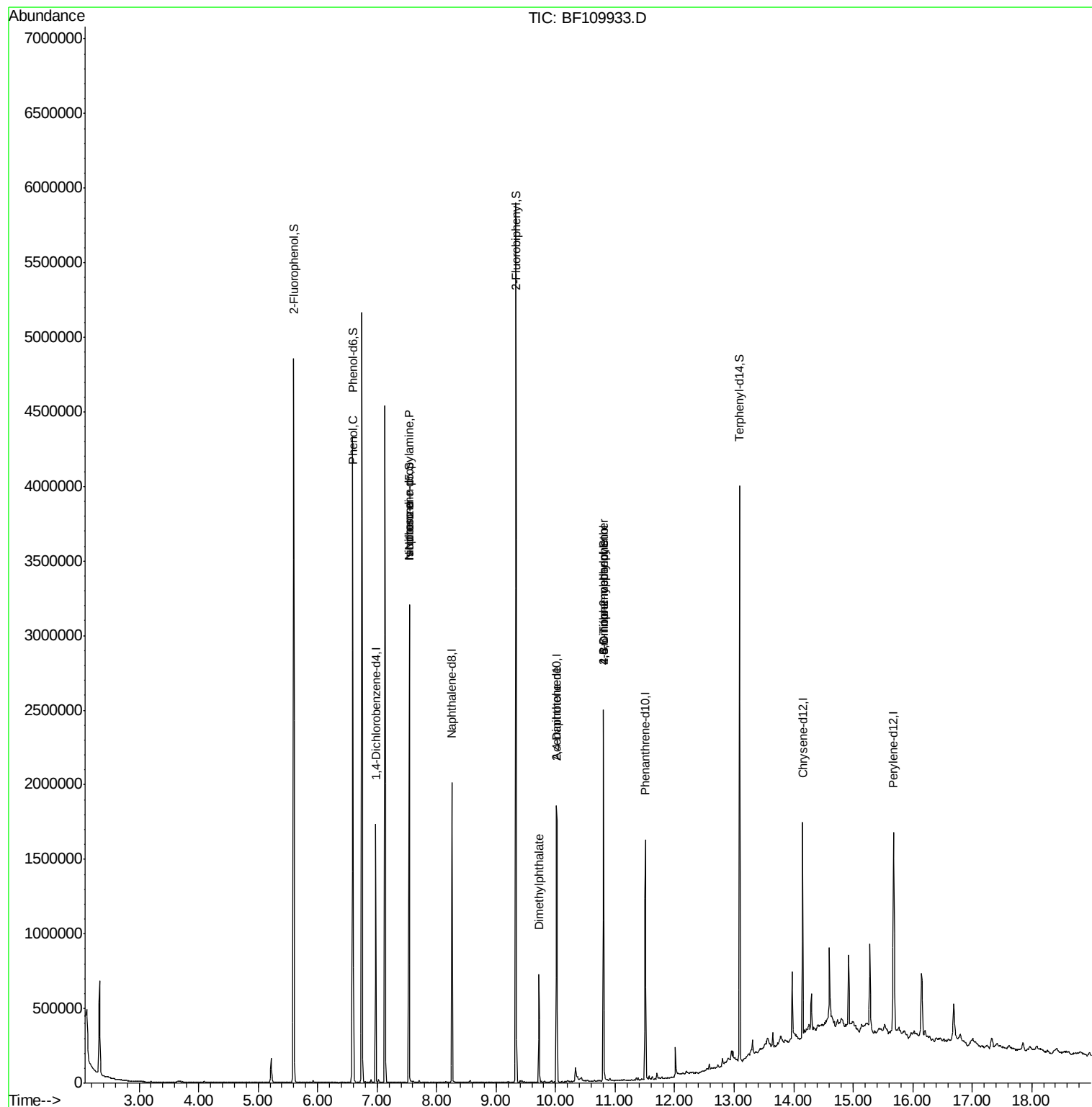
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	238598	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	890074	20.00	ng	-0.01
39) Acenaphthene-d10	10.02	164	371326	20.00	ng	-0.01
64) Phenanthrene-d10	11.51	188	541955	20.00	ng	0.00
76) Chrysene-d12	14.15	240	472927	20.00	ng	-0.01
87) Perylene-d12	15.68	264	444327	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1338714	88.94	ng	0.00
7) Phenol-d6	6.59	99	1668648	89.28	ng	-0.01
23) Nitrobenzene-d5	7.54	82	997134	75.47	ng	-0.01
42) 2,4,6-Tribromophenol	10.81	330	291493	90.67	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1710037	73.48	ng	0.00
79) Terphenyl-d14	13.09	244	1184505	52.60	ng	-0.01
Target Compounds						
10) Phenol	6.60	94	92315	4.575	ng	# 64
19) n-Nitroso-di-n-propylamine	7.54	70	131612	10.967	ng	# 80
25) Isophorone	7.54	82	997115	38.407	ng	# 67
50) Dimethylphthalate	9.72	163	247392	9.409	ng	# 99
57) 2,4-Dinitrotoluene	10.02	165	47605	11.409	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.80	198	534	8.132	ng	# 1
67) 4-Bromophenyl-phenylether	10.81	248	17910	3.049	ng	# 1

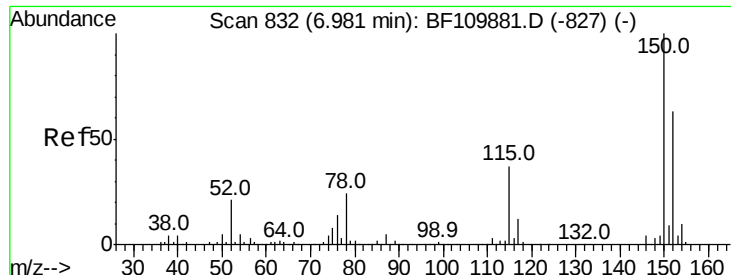
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_F
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Quant Time: Oct 18 10:41:52 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



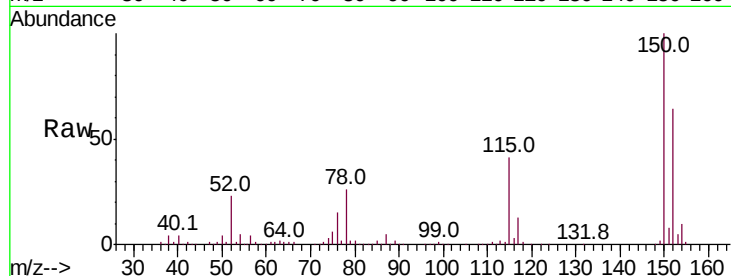


#1

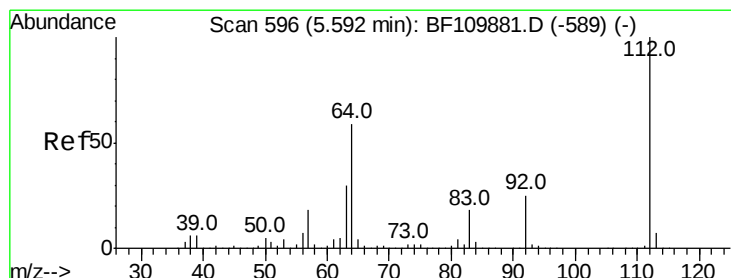
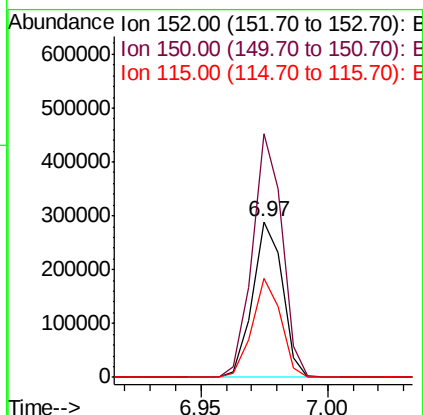
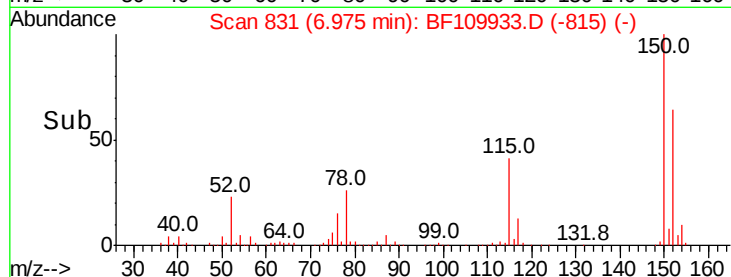
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109933.D
Acq: 17 Oct 2018 21:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 238598
Ion Ratio Lower Upper
152 100
150 156.7 122.7 184.1
115 63.7 49.1 73.7



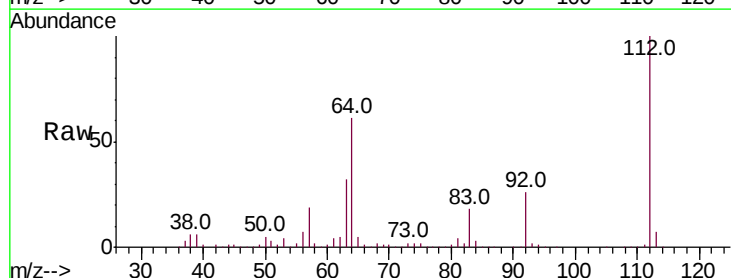
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



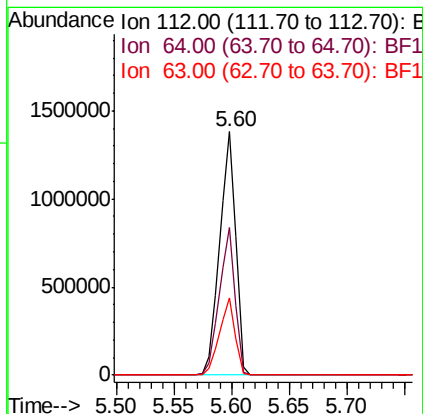
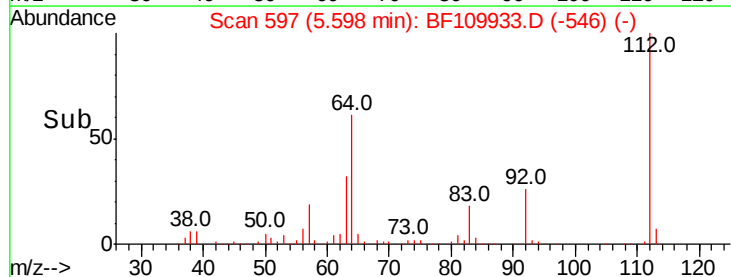
#5

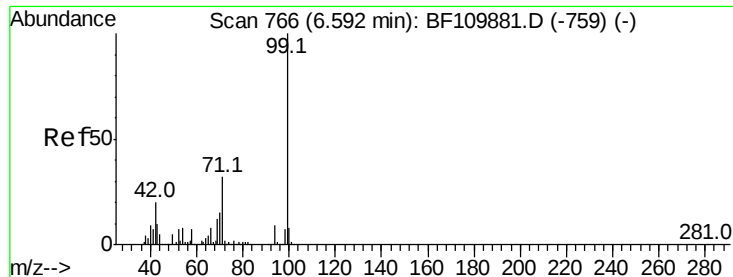
2-Fluorophenol
Concen: 88.938 ng
RT: 5.60 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF109933.D
Acq: 17 Oct 2018 21:15

Tgt Ion:112 Resp: 1338714
Ion Ratio Lower Upper
112 100
64 60.8 44.1 66.1
63 31.8 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: 89.276 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF109933.D

Acq: 17 Oct 2018 21:15

Instrument :

BNA_F

ClientSampleId :

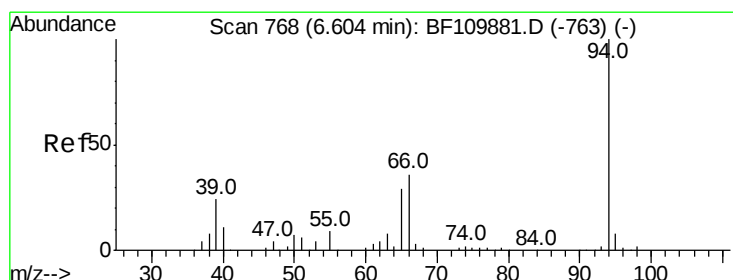
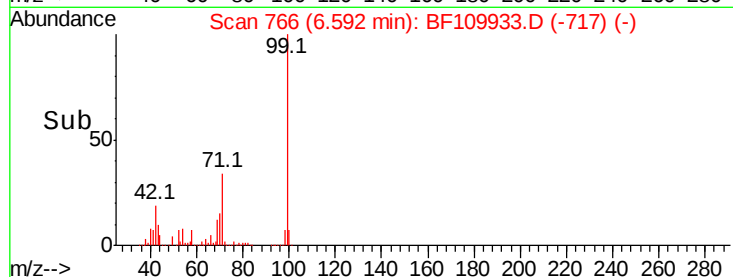
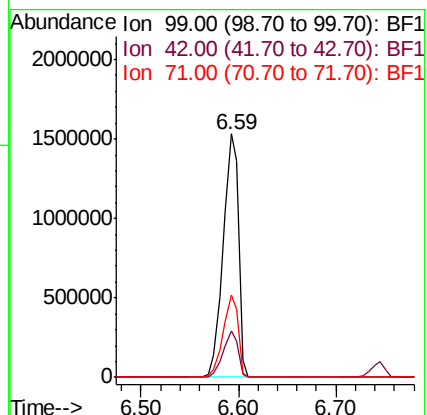
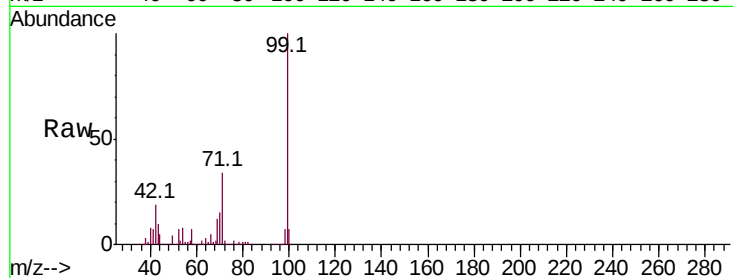
Tot Ion: 99 Resp: 1668648

Ion Ratio Lower Upper

99 100

42 19.2 15.8 23.6

71 33.7 28.0 42.0



#10

Phenol

Concen: 4.575 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF109933.D

Acq: 17 Oct 2018 21:15

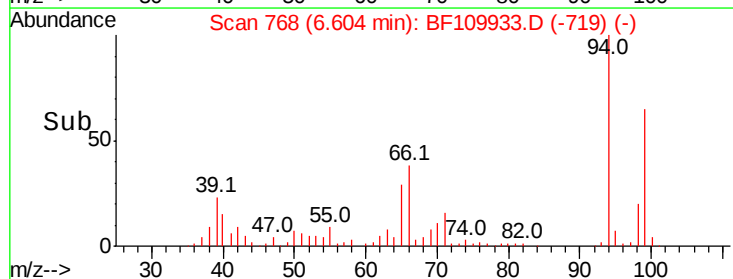
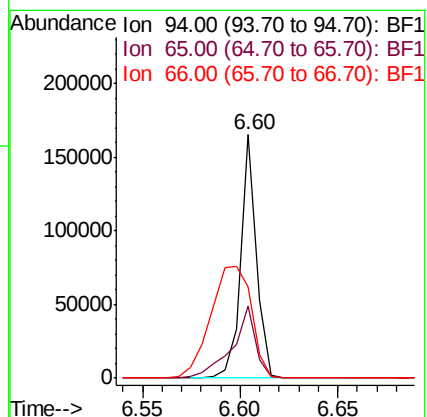
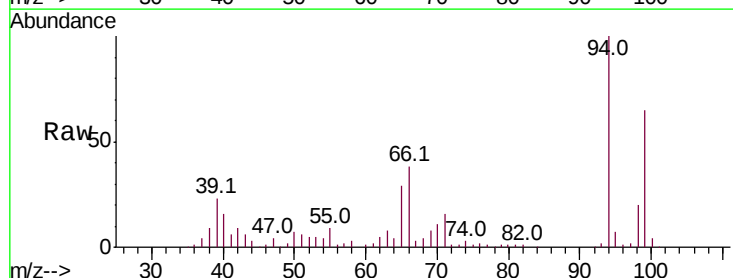
Tgt Ion: 94 Resp: 92315

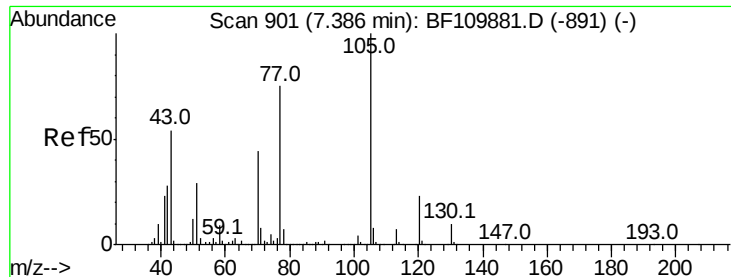
Ion Ratio Lower Upper

94 100

65 29.4 25.3 65.3

66 37.7 54.5 94.5#

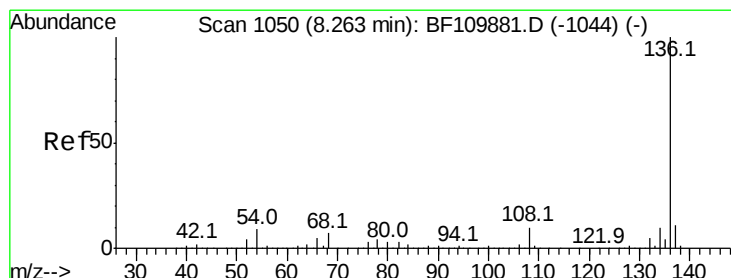
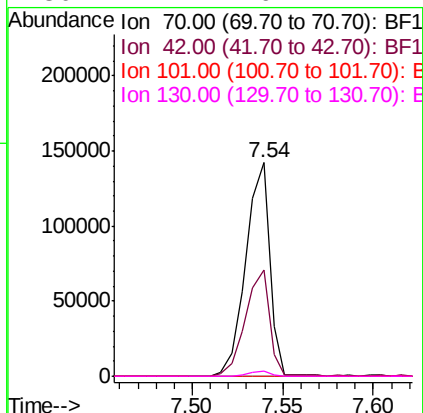
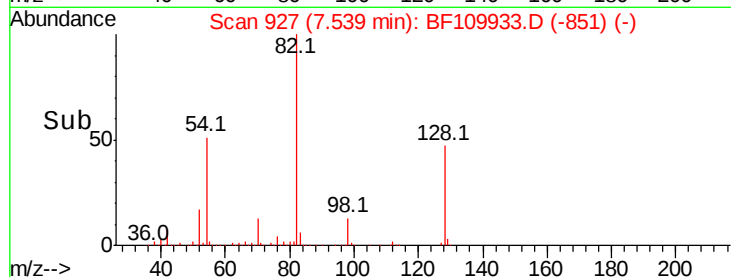
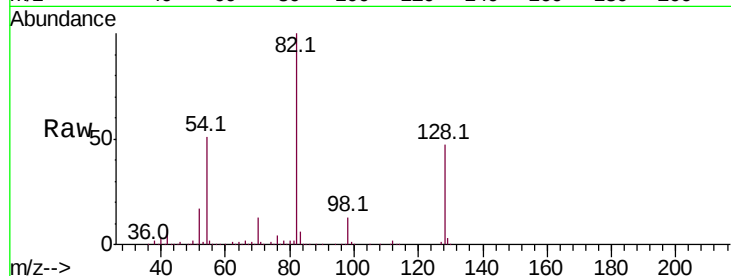




#19
n-Nitroso-di-n-propylamine
Concen: 10.967 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.15 min
Lab File: BF109933.D
Acq: 17 Oct 2018 21:15

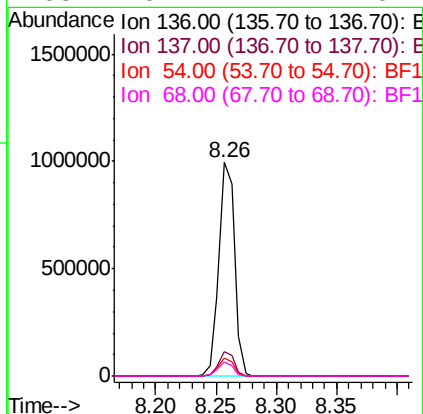
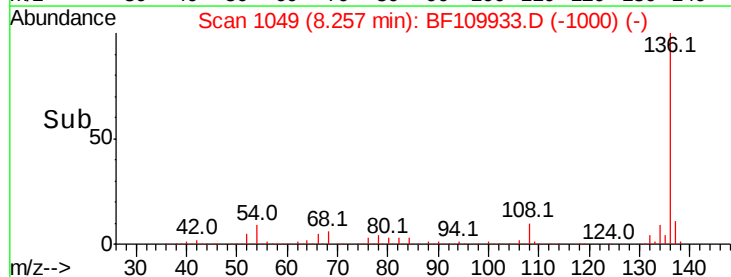
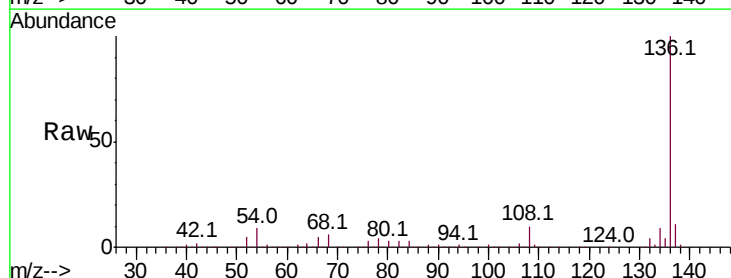
Instrument :
BNA_F
ClientSampleId :

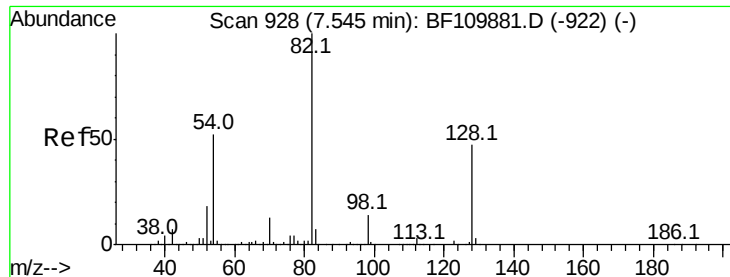
Tot Ion: 70 Resp: 131612
Ion Ratio Lower Upper
70 100
42 49.7 47.4 71.2
101 0.0 7.3 10.9#
130 2.2 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF109933.D
Acq: 17 Oct 2018 21:15

Tgt Ion:136 Resp: 890074
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 8.6 5.4 8.2#
68 6.4 4.2 6.2#

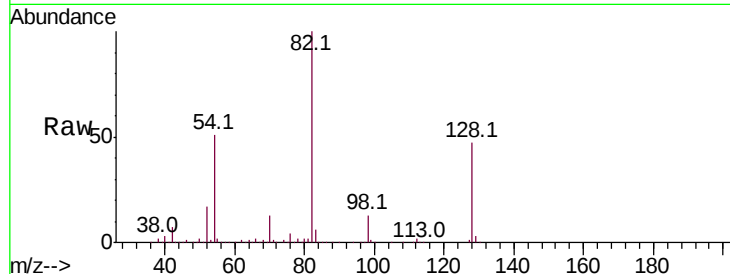




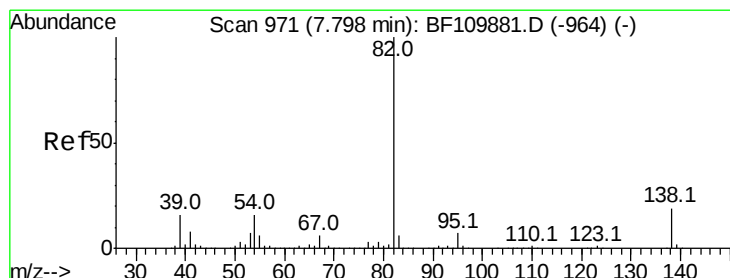
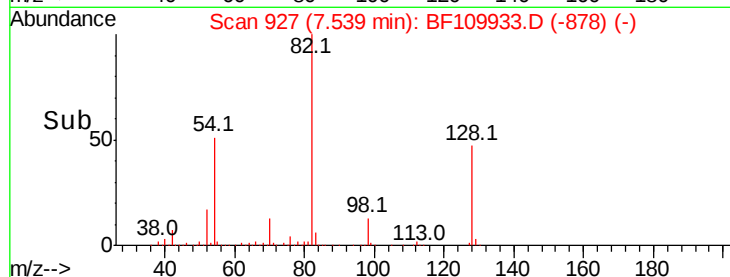
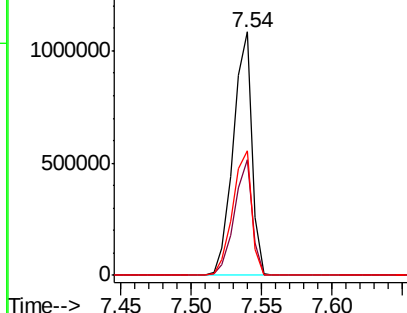
#23
 Nitrobenzene-d5
 Concen: 75.467 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: BF109933.D
 Acq: 17 Oct 2018 21:15

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	82	Resp	997134
Ion Ratio	Lower	Upper	
82	100		
128	47.5	34.2	51.2
54	51.4	38.6	58.0

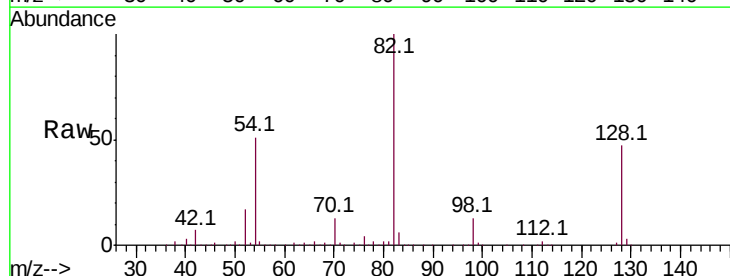


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

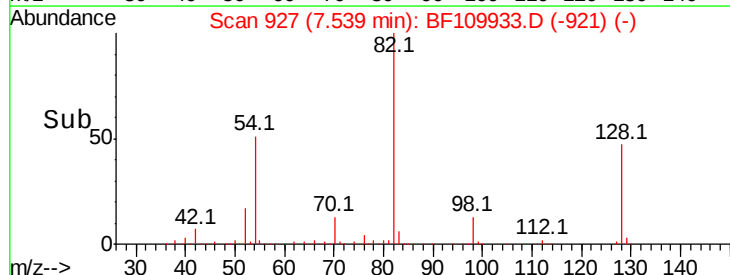
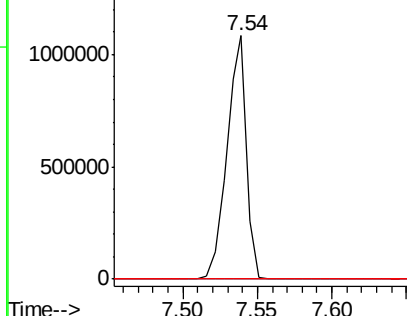


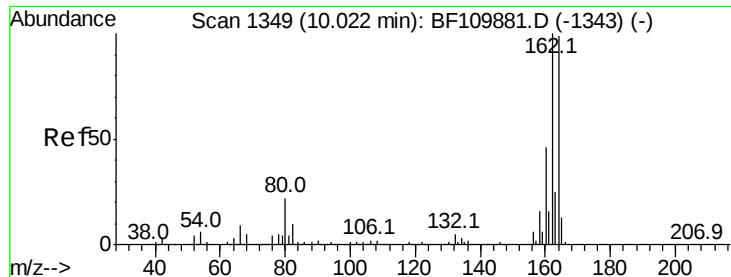
#25
 Isophorone
 Concen: 38.407 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.26 min
 Lab File: BF109933.D
 Acq: 17 Oct 2018 21:15

Tgt Ion	82	Resp	997115
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

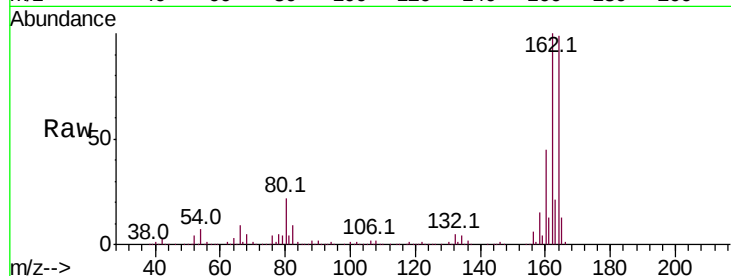




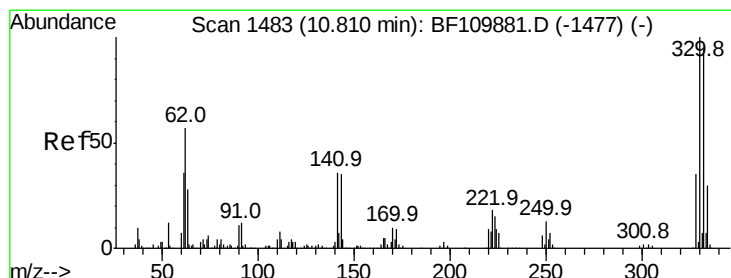
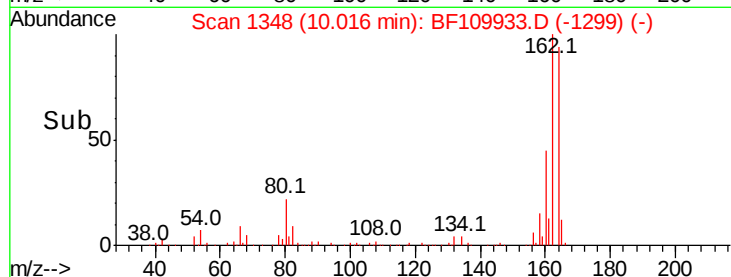
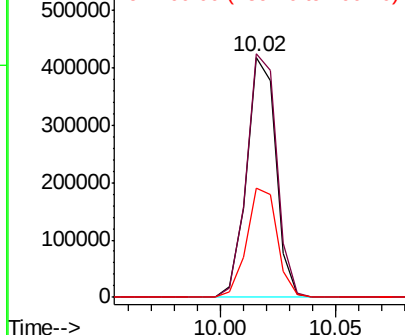
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.01 min
 Lab File: BF109933.D
 Acq: 17 Oct 2018 21:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 371326
 Ion Ratio Lower Upper
 164 100
 162 101.4 83.0 124.6
 160 45.5 37.0 55.6

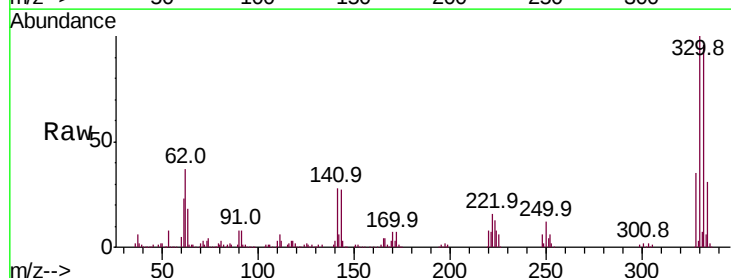


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

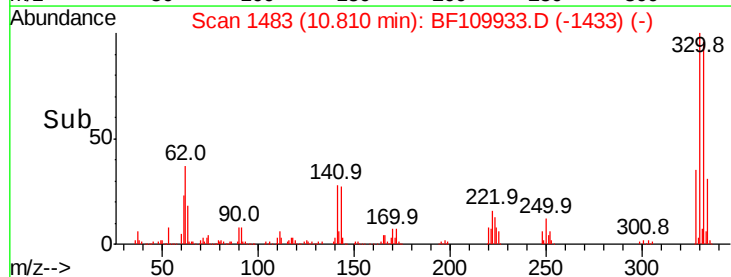
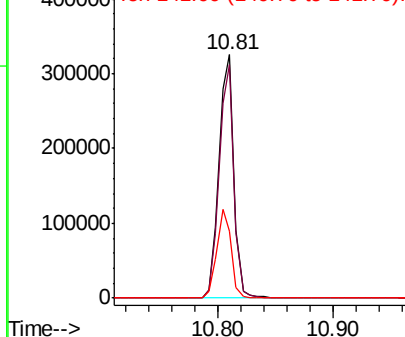


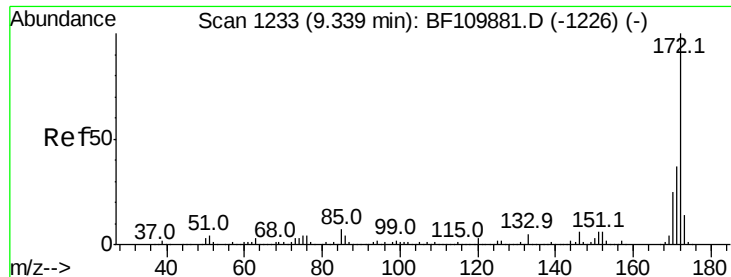
#42
 2,4,6-Tribromophenol
 Concen: 90.671 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.01 min
 Lab File: BF109933.D
 Acq: 17 Oct 2018 21:15

Tgt Ion:330 Resp: 291493
 Ion Ratio Lower Upper
 330 100
 332 94.3 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

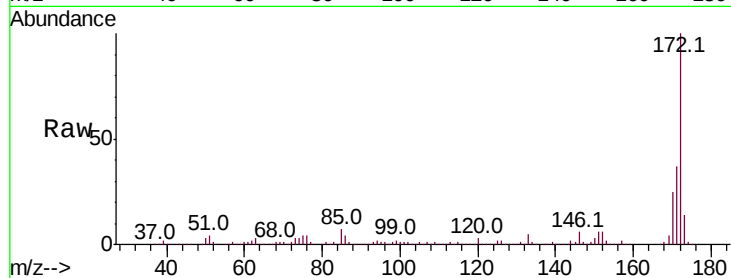




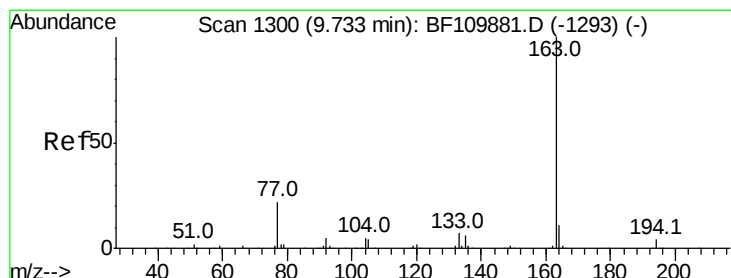
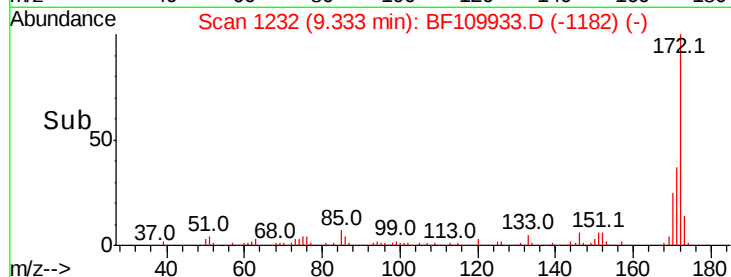
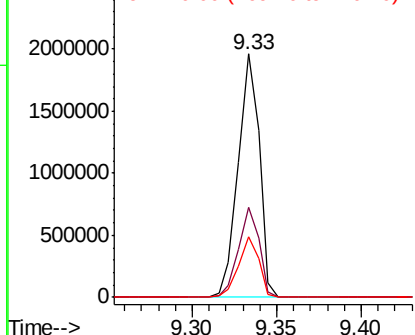
#45
2-Fluorobiphenyl
Concen: 73.483 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF109933.D
Acq: 17 Oct 2018 21:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1710037
Ion Ratio Lower Upper
172 100
171 36.9 28.6 43.0
170 24.8 19.7 29.5

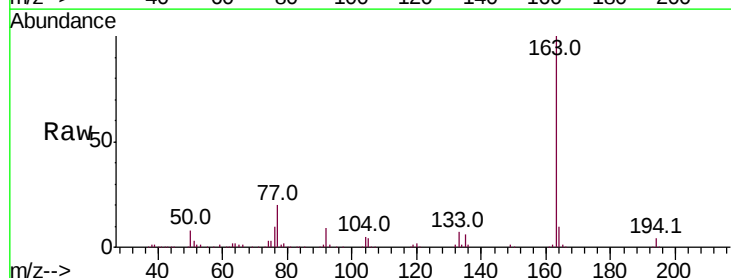


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

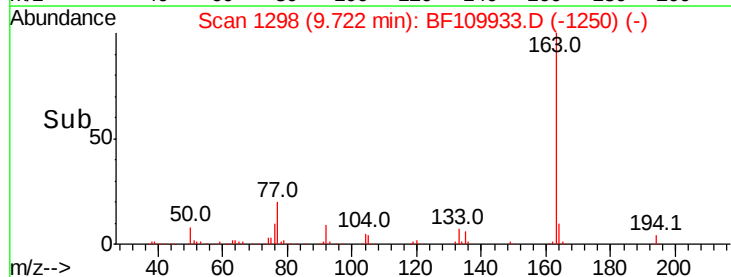
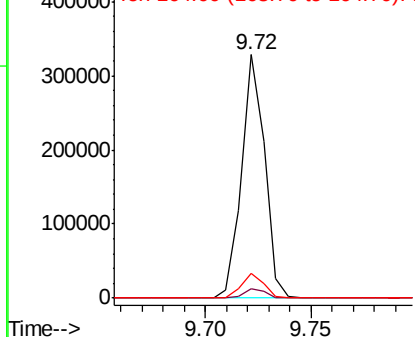


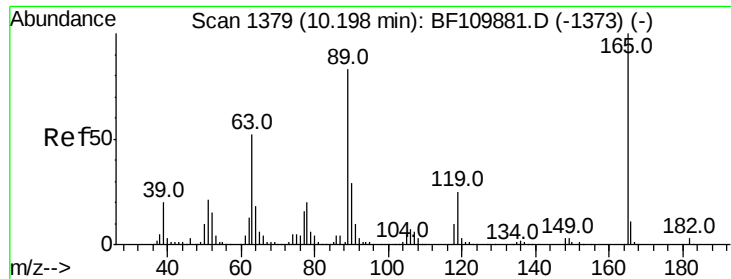
#50
Dimethylphthalate
Concen: 9.409 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF109933.D
Acq: 17 Oct 2018 21:15

Tgt Ion:163 Resp: 247392
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 10.4 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

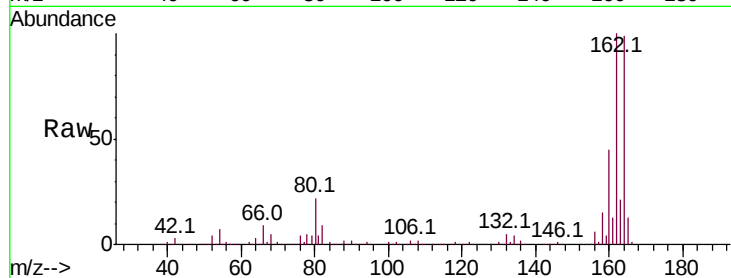




#57
 2,4-Dinitrotoluene
 Concen: 11.409 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.19 min
 Lab File: BF109933.D
 Acq: 17 Oct 2018 21:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.8	67.2#
89	1.3	62.2	93.4#
182	0.0	2.1	3.1#



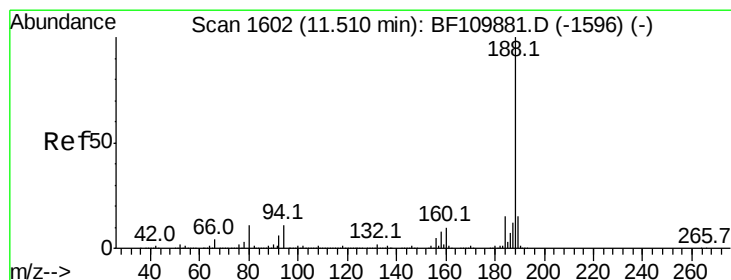
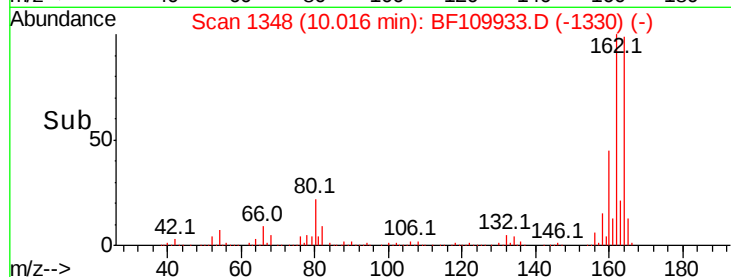
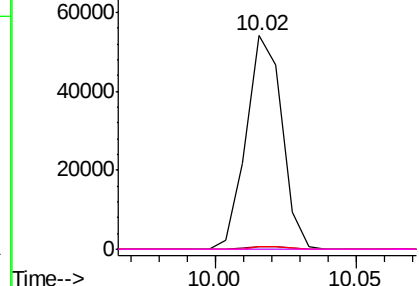
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

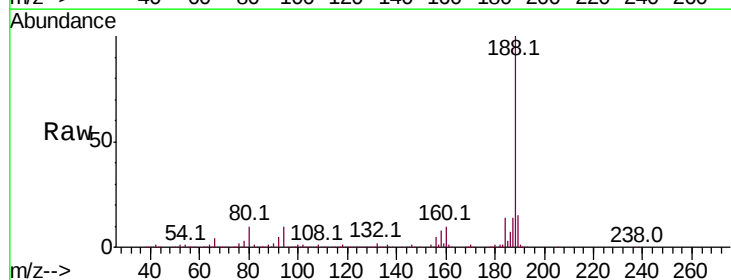
Ion 89.00 (88.70 to 89.70): BF1

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: BF109933.D
 Acq: 17 Oct 2018 21:15

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.2	10.8
80	10.0	7.9	11.9

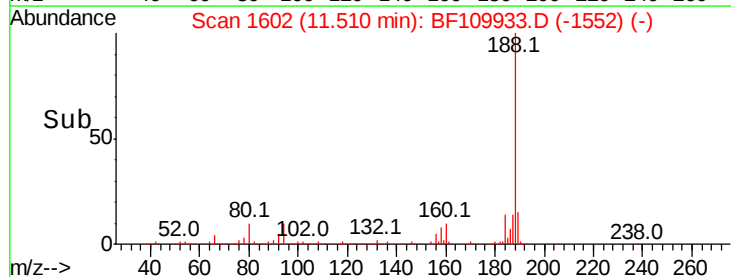
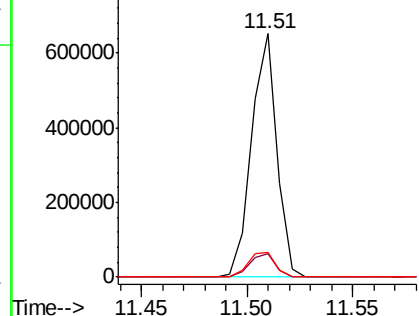


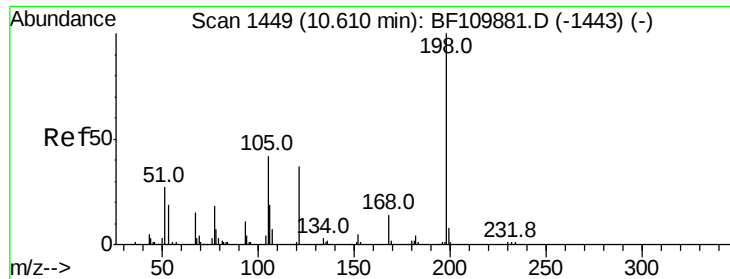
Abundance

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: 8.132 ng

RT: 10.80 min Scan# 1482

Delta R.T. 0.18 min

Lab File: BF109933.D

Acq: 17 Oct 2018 21:15

Instrument :

BNA_F

ClientSampled :

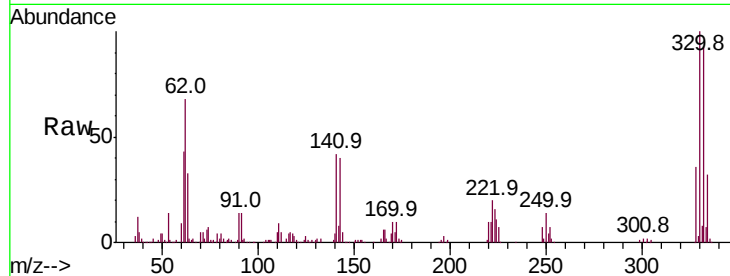
Tot Ion:198 Resp: 534

Ion Ratio Lower Upper

198 100

51 226.6 22.8 62.8#

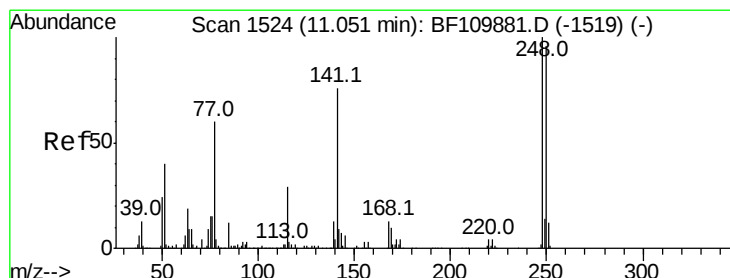
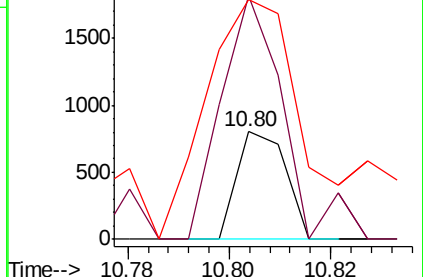
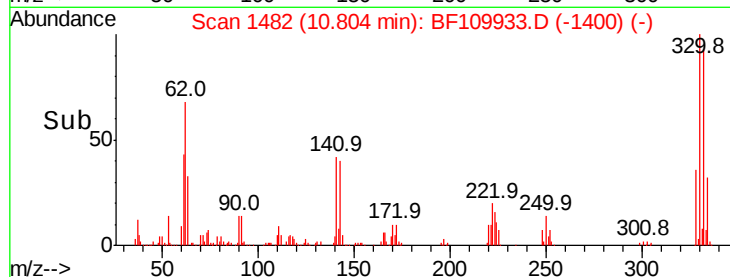
105 223.3 23.6 63.6#



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: 3.049 ng

RT: 10.81 min Scan# 1483

Delta R.T. -0.25 min

Lab File: BF109933.D

Acq: 17 Oct 2018 21:15

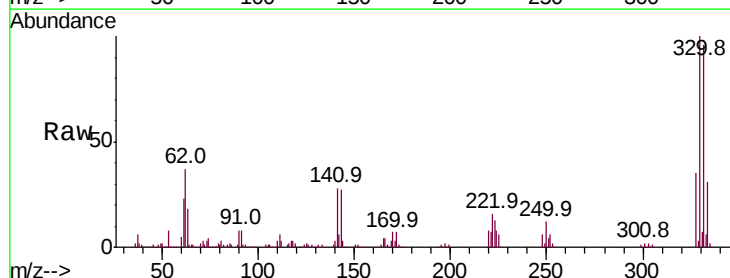
Tgt Ion:248 Resp: 17910

Ion Ratio Lower Upper

248 100

250 210.1 79.4 119.2#

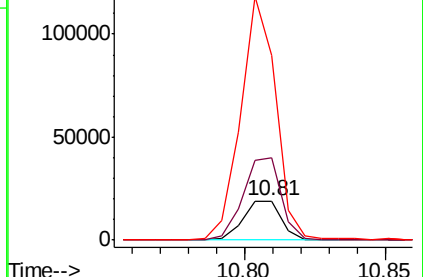
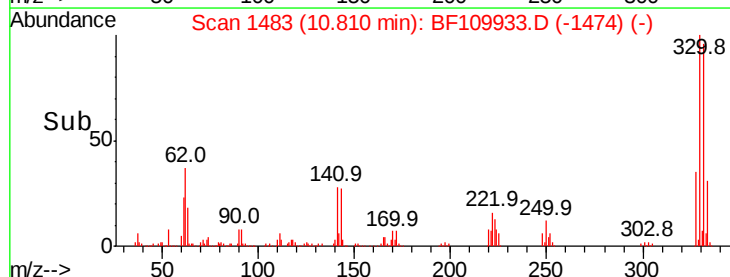
141 474.1 55.9 83.9#

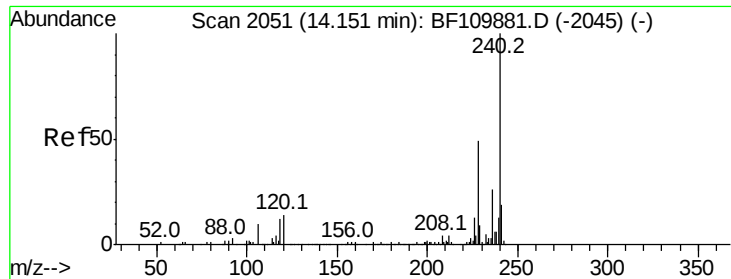


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

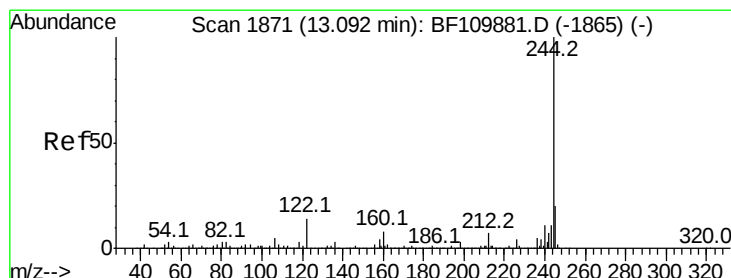
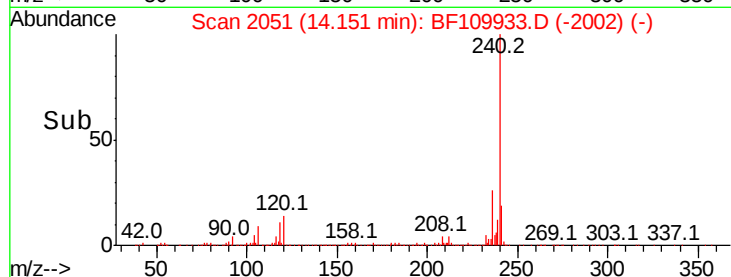
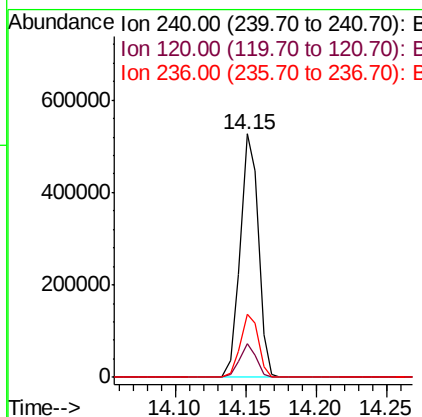
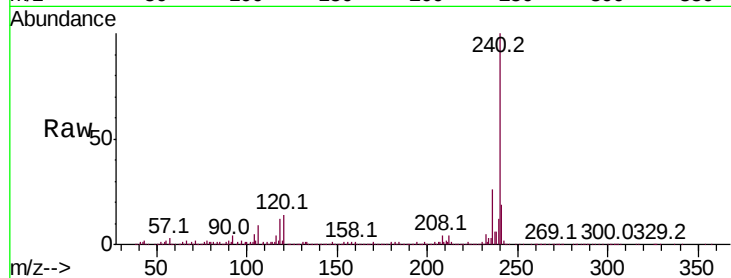




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF109933.D
Acq: 17 Oct 2018 21:15

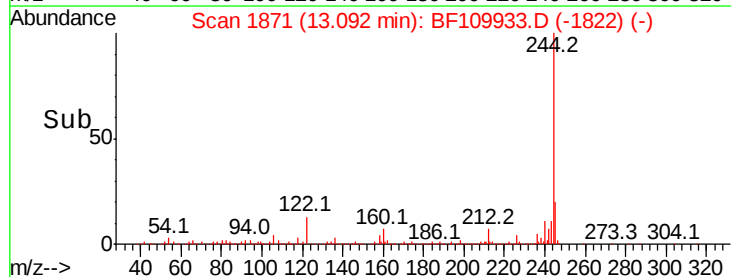
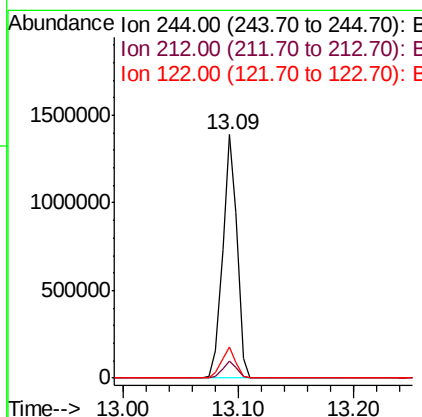
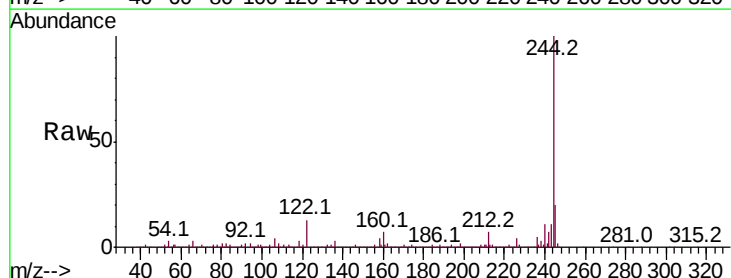
Instrument :
BNA_F
ClientSampleId :

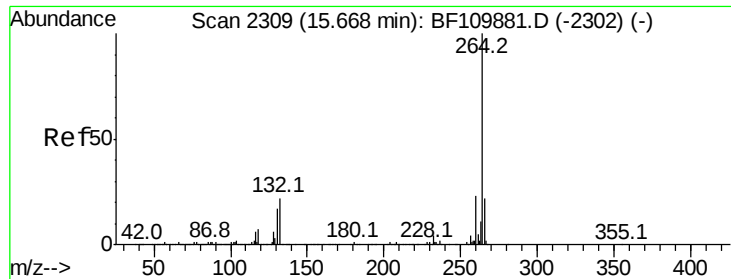
Tot Ion:240 Resp: 472927
Ion Ratio Lower Upper
240 100
120 13.7 8.3 12.5#
236 25.8 21.2 31.8



#79
Terphenyl-d14
Concen: 52.595 ng
RT: 13.09 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BF109933.D
Acq: 17 Oct 2018 21:15

Tgt Ion:244 Resp: 1184505
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.8
122 12.7 8.7 13.1

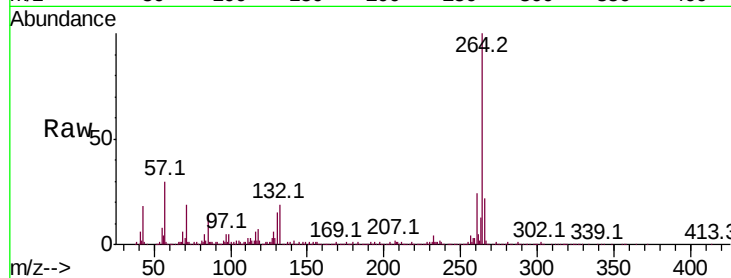




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2311
 Delta R.T. -0.01 min
 Lab File: BF109933.D
 Acq: 17 Oct 2018 21:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.7	28.1
265	22.3	16.7	25.1



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

