

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101818\
 Data File : BF109968.D
 Acq On : 18 Oct 2018 19:37
 Operator : JU/SJ
 Sample : J5565-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 19 02:24:32 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

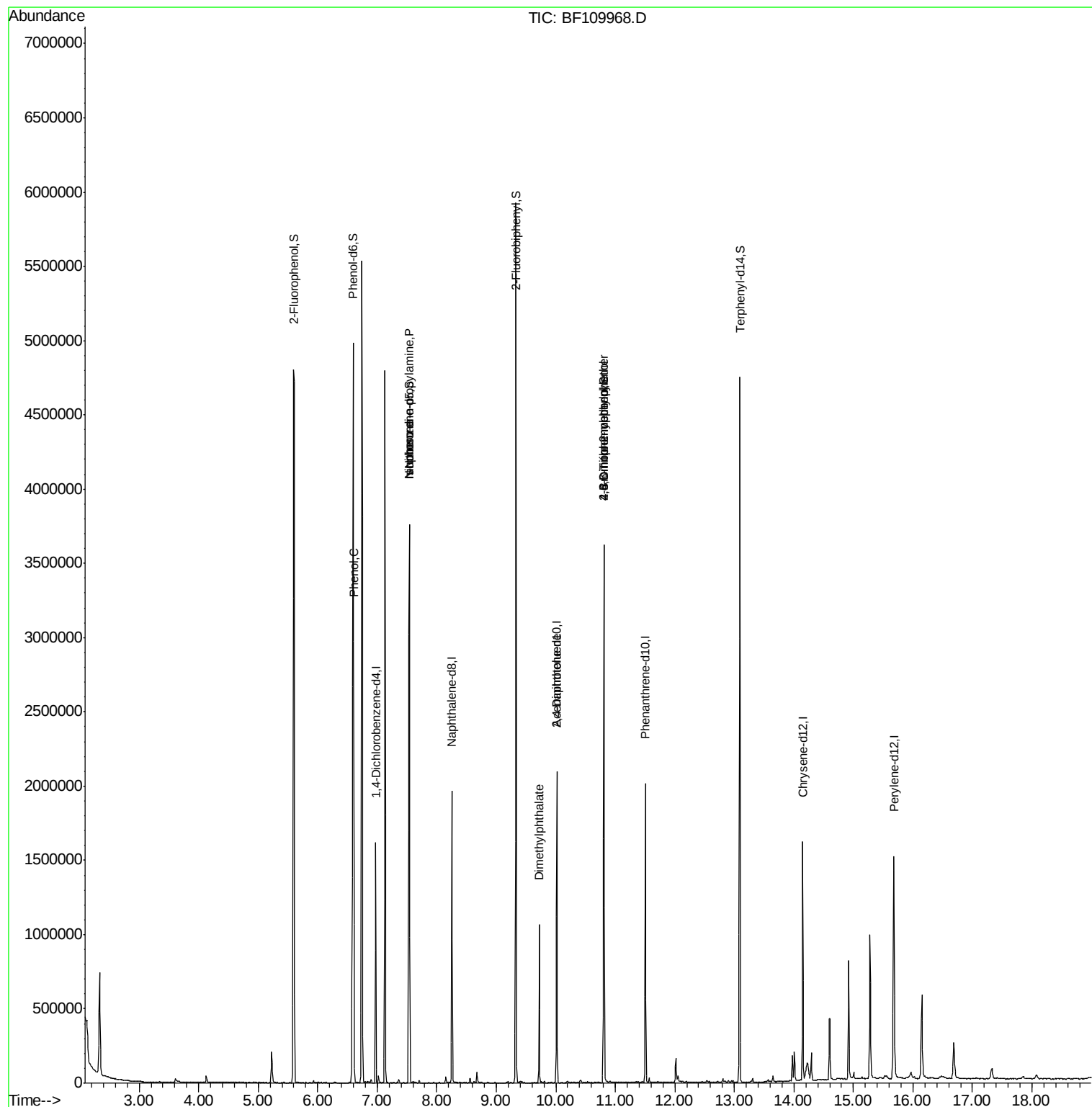
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	210572	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	813762	20.00	ng	-0.01
39) Acenaphthene-d10	10.02	164	380549	20.00	ng	-0.01
64) Phenanthrene-d10	11.51	188	716814	20.00	ng	0.00
76) Chrysene-d12	14.15	240	493627	20.00	ng	-0.01
87) Perylene-d12	15.67	264	397519	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1581230	119.03	ng	0.00
7) Phenol-d6	6.60	99	1991644	120.74	ng	0.00
23) Nitrobenzene-d5	7.54	82	1228796	101.72	ng	-0.01
42) 2,4,6-Tribromophenol	10.81	330	452309	137.28	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1773611	74.37	ng	0.00
79) Terphenyl-d14	13.09	244	1543153	65.65	ng	-0.01
Target Compounds						
10) Phenol	6.61	94	234896	13.189	ng	# 59
19) n-Nitroso-di-n-propylamine	7.54	70	165057	15.584	ng	# 79
25) Isophorone	7.54	82	1228773	51.768	ng	# 67
50) Dimethylphthalate	9.72	163	370843	13.762	ng	# 99
57) 2,4-Dinitrotoluene	10.02	165	48194	11.326	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.80	198	1154	8.276	ng	# 1
67) 4-Bromophenyl-phenylether	10.81	248	28958	3.728	ng	# 1

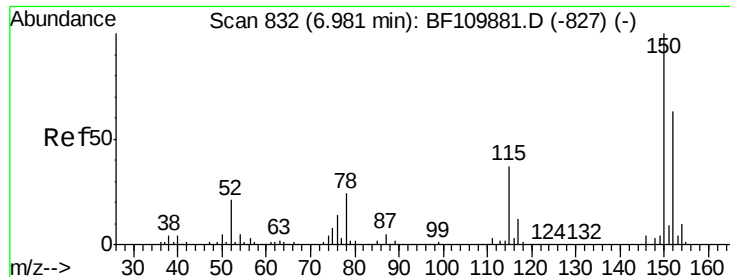
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 19 02:24:32 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



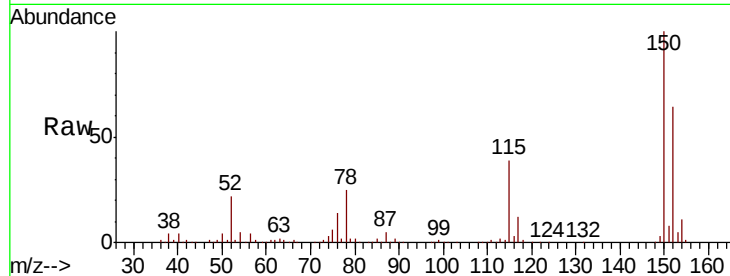


#1

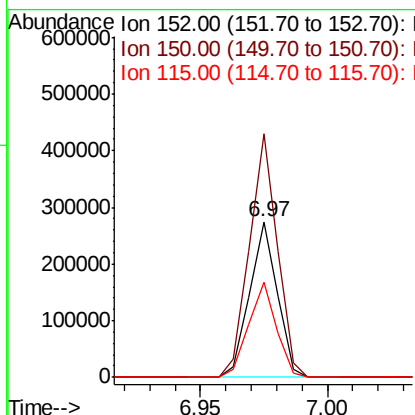
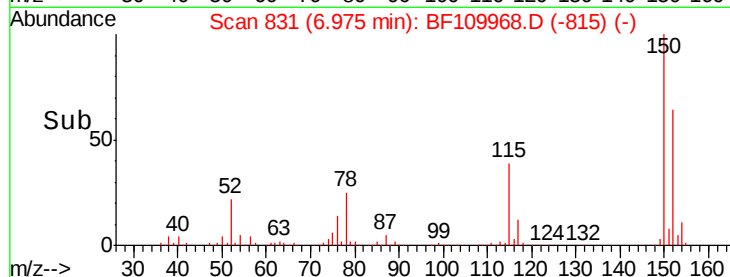
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109968.D
Acq: 18 Oct 2018 19:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 210572
Ion Ratio Lower Upper
152 100
150 156.2 122.7 184.1
115 61.2 49.1 73.7



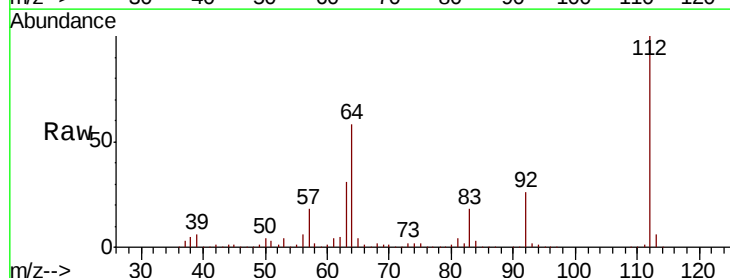
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



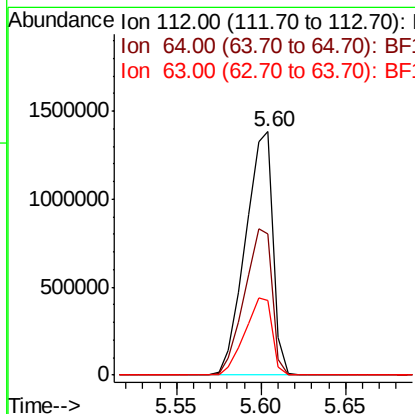
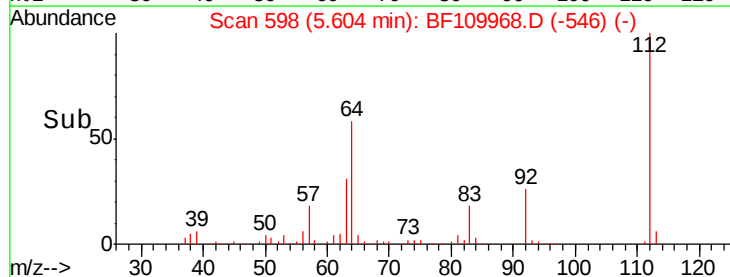
#5

2-Fluorophenol
Concen: 119.031 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF109968.D
Acq: 18 Oct 2018 19:37

Tgt Ion:112 Resp: 1581230
Ion Ratio Lower Upper
112 100
64 58.1 44.1 66.1
63 30.5 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: 120.739 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF109968.D

Acq: 18 Oct 2018 19:37

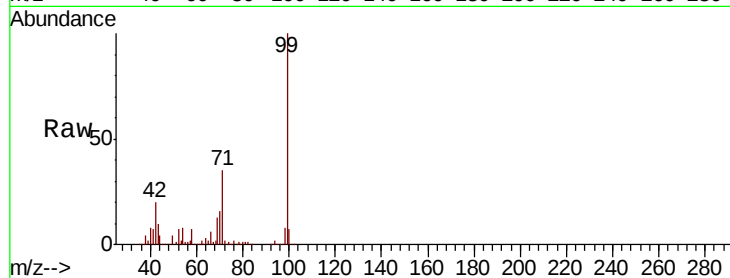
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1991644

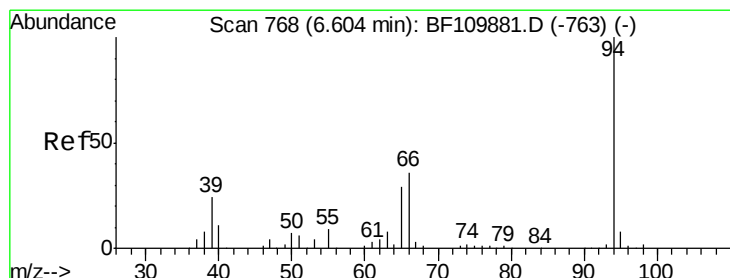
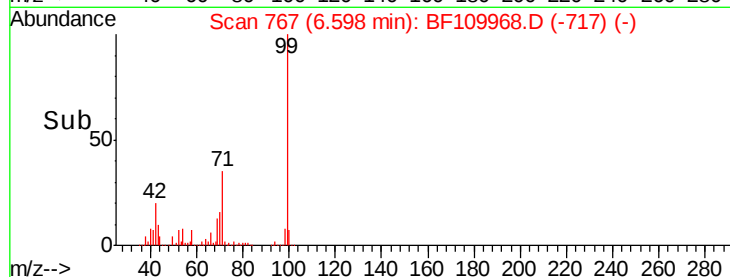
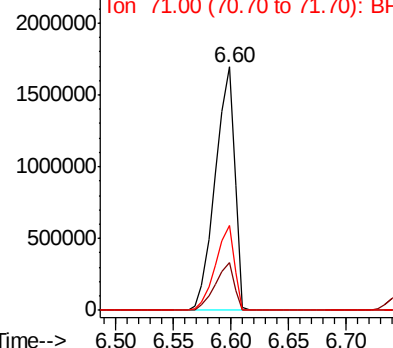
Ion	Ratio	Lower	Upper
99	100		
42	19.7	15.8	23.6
71	35.1	28.0	42.0



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



#10

Phenol

Concen: 13.189 ng

RT: 6.61 min Scan# 769

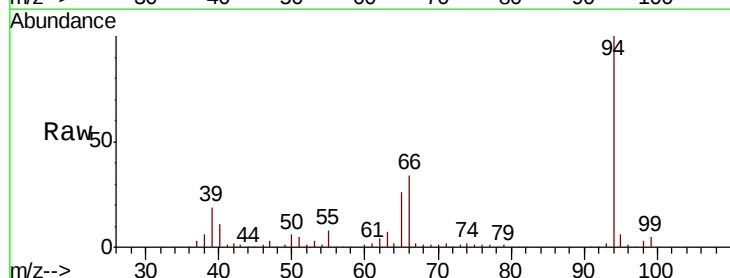
Delta R.T. -0.01 min

Lab File: BF109968.D

Acq: 18 Oct 2018 19:37

Tgt Ion: 94 Resp: 234896

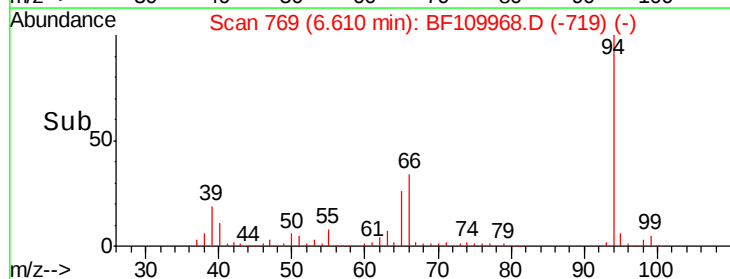
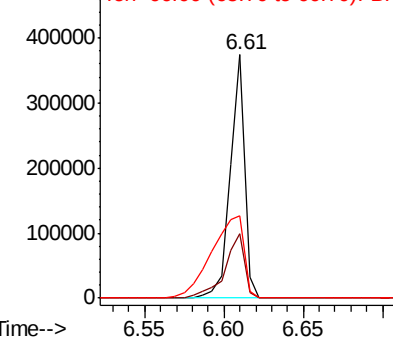
Ion	Ratio	Lower	Upper
94	100		
65	26.2	25.3	65.3
66	34.1	54.5	94.5#

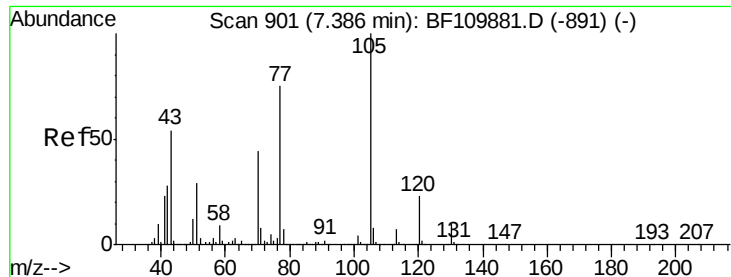


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

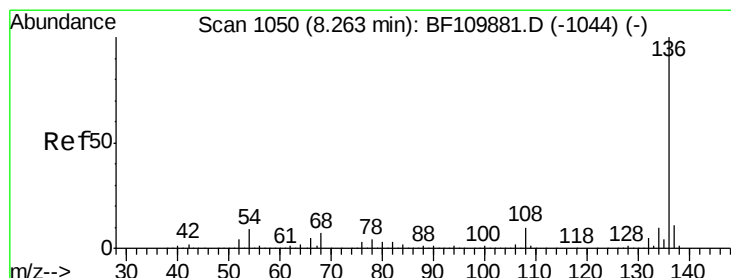
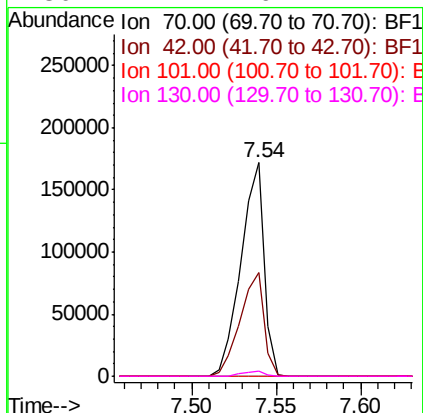
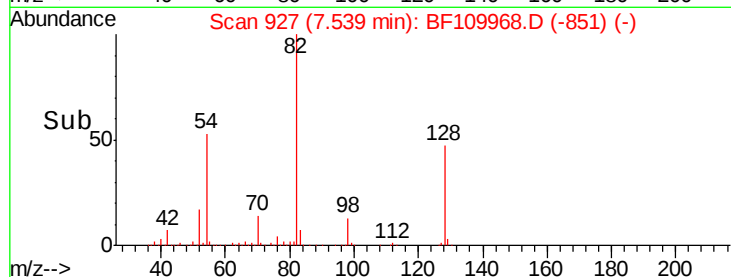
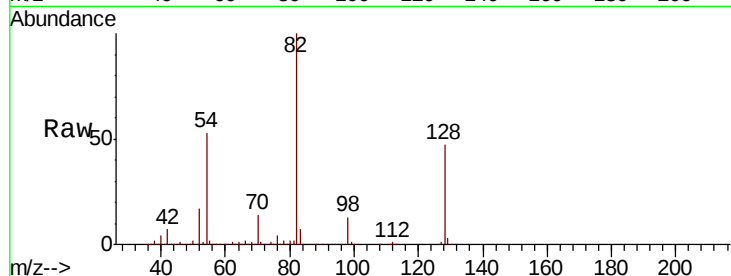




#19
n-Nitroso-di-n-propylamine
Concen: 15.584 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.15 min
Lab File: BF109968.D
Acq: 18 Oct 2018 19:37

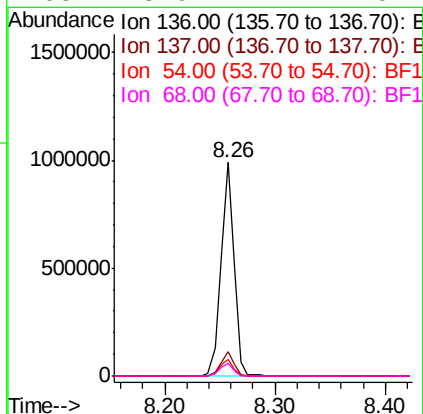
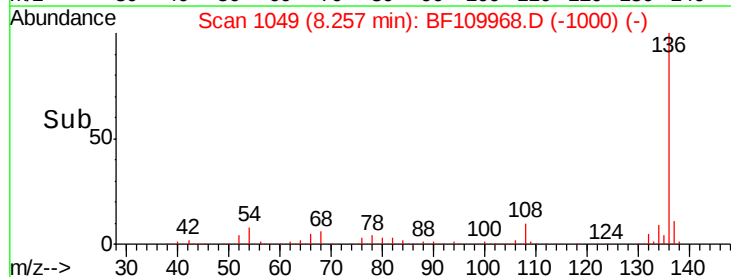
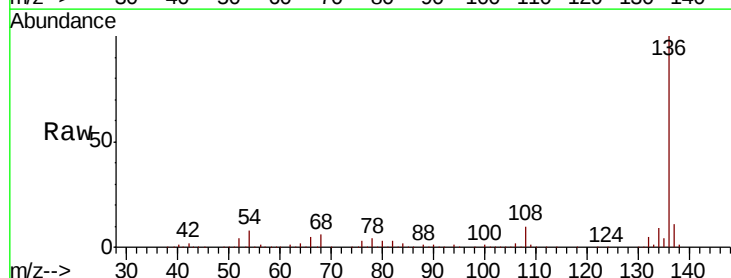
Instrument :
BNA_F
ClientSampleId :

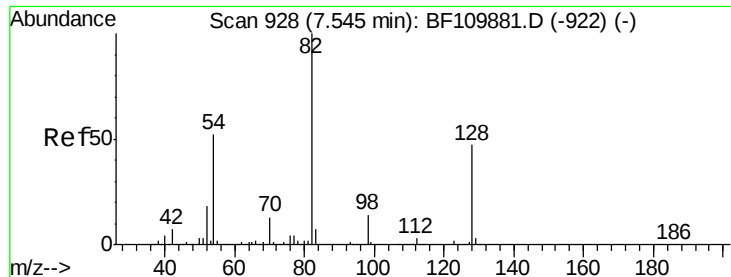
Tot Ion: 70 Resp: 165057
Ion Ratio Lower Upper
70 100
42 48.8 47.4 71.2
101 0.0 7.3 10.9#
130 2.4 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF109968.D
Acq: 18 Oct 2018 19:37

Tgt Ion: 136 Resp: 813762
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 7.9 5.4 8.2
68 5.9 4.2 6.2

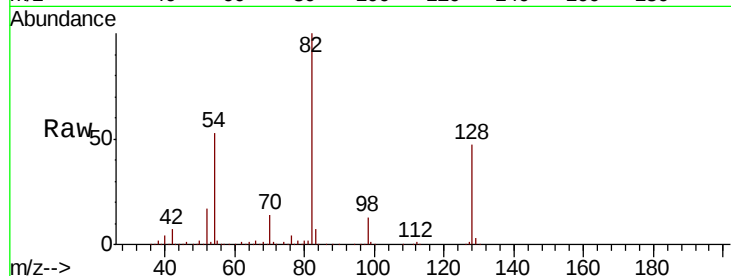




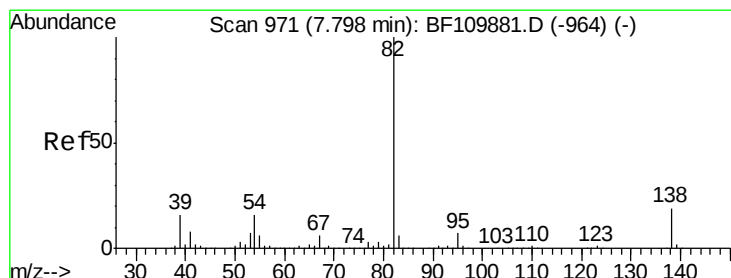
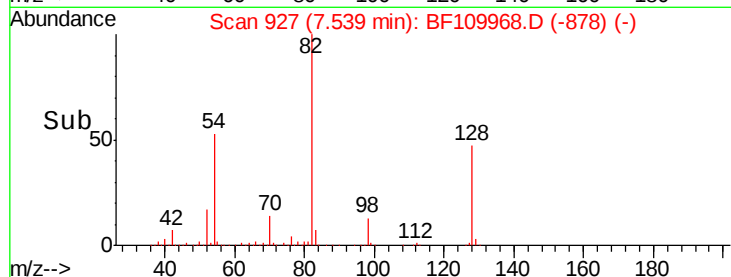
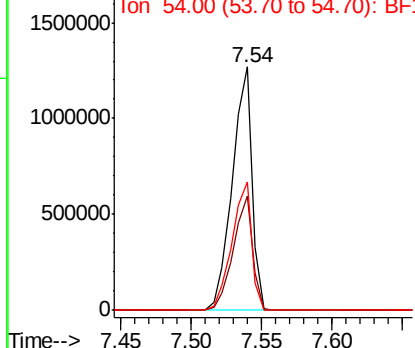
#23
Nitrobenzene-d5
Concen: 101.721 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF109968.D
Acq: 18 Oct 2018 19:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1228796
Ion Ratio Lower Upper
82 100
128 46.8 34.2 51.2
54 52.8 38.6 58.0

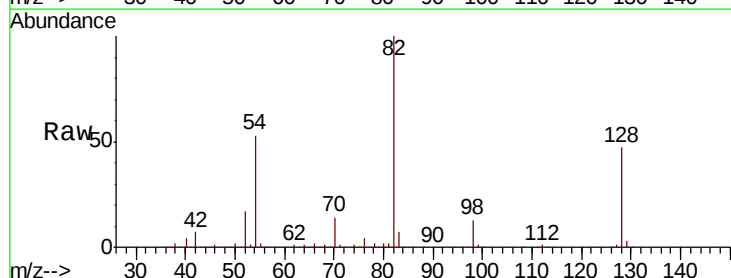


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

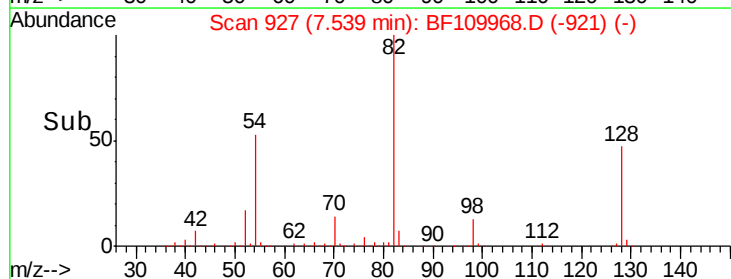
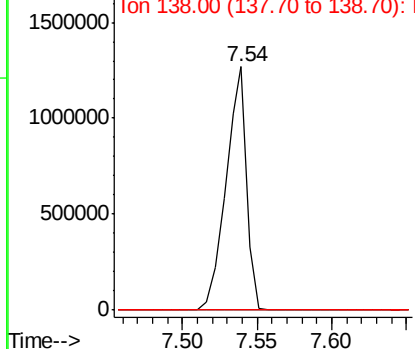


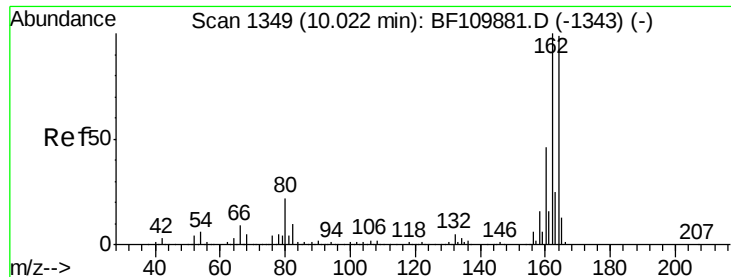
#25
Isophorone
Concen: 51.768 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.26 min
Lab File: BF109968.D
Acq: 18 Oct 2018 19:37

Tgt Ion: 82 Resp: 1228773
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

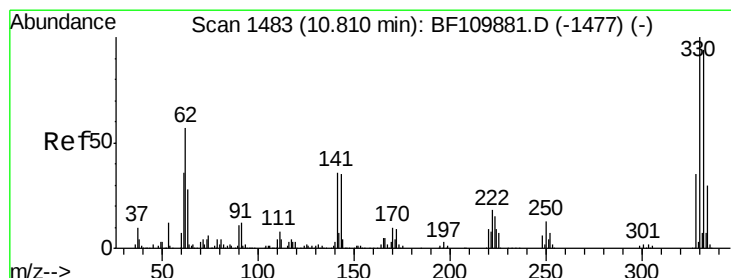
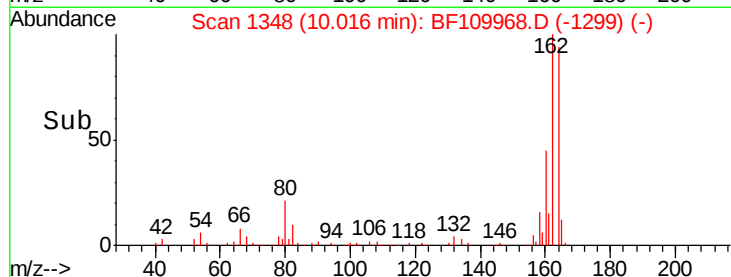
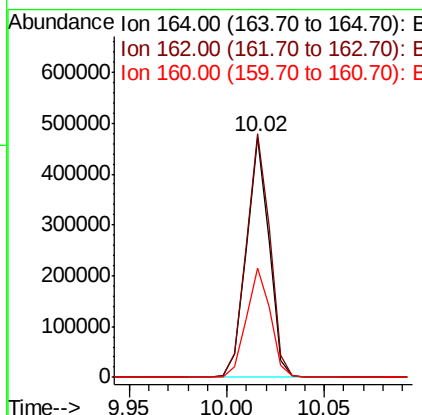
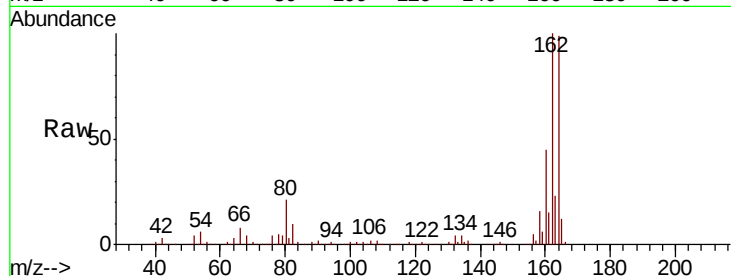




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF109968.D
Acq: 18 Oct 2018 19:37

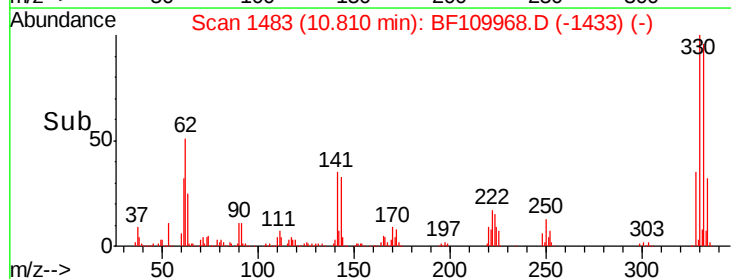
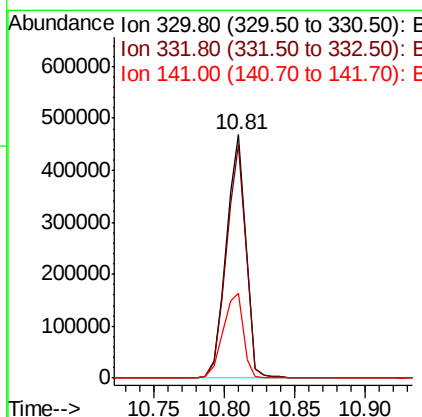
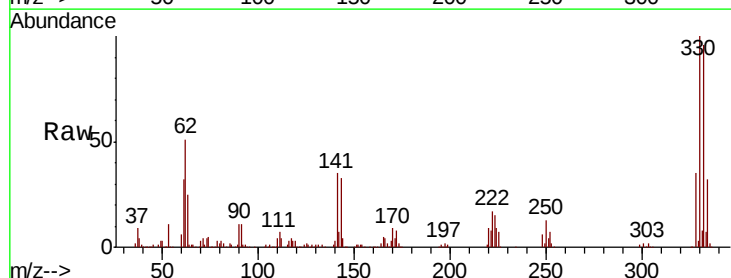
Instrument :
BNA_F
ClientSampleId :

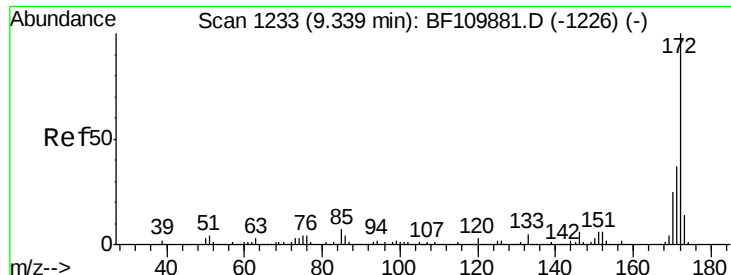
Tot Ion:164 Resp: 380549
Ion Ratio Lower Upper
164 100
162 101.4 83.0 124.6
160 45.6 37.0 55.6



#42
2,4,6-Tribromophenol
Concen: 137.284 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BF109968.D
Acq: 18 Oct 2018 19:37

Tgt Ion:330 Resp: 452309
Ion Ratio Lower Upper
330 100
332 95.8 77.1 115.7
141 36.4 27.0 40.4

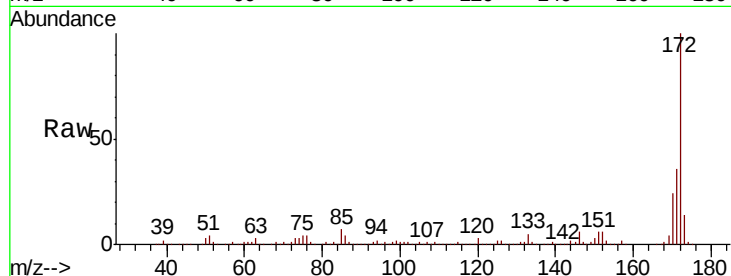




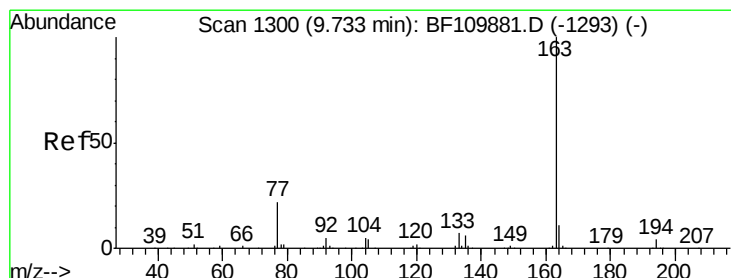
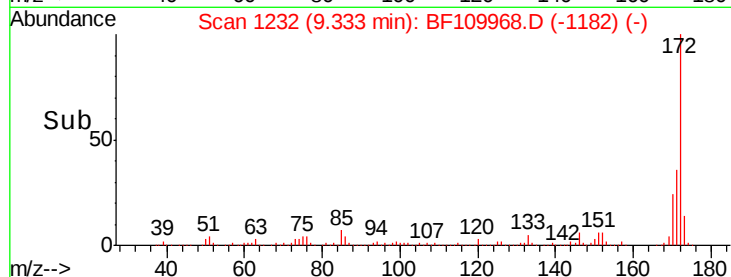
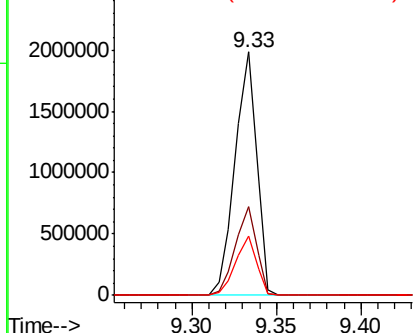
#45
2-Fluorobiphenyl
Concen: 74.368 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF109968.D
Acq: 18 Oct 2018 19:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1773611
Ion Ratio Lower Upper
172 100
171 36.4 28.6 43.0
170 24.2 19.7 29.5

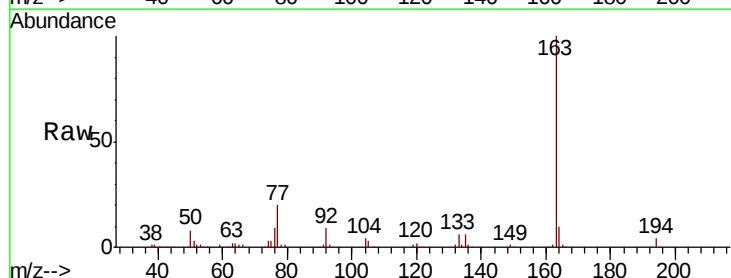


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

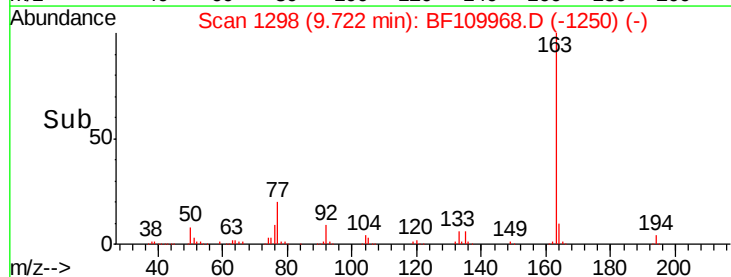
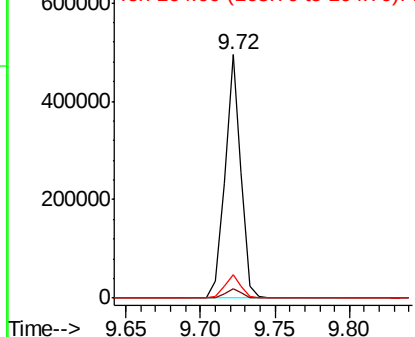


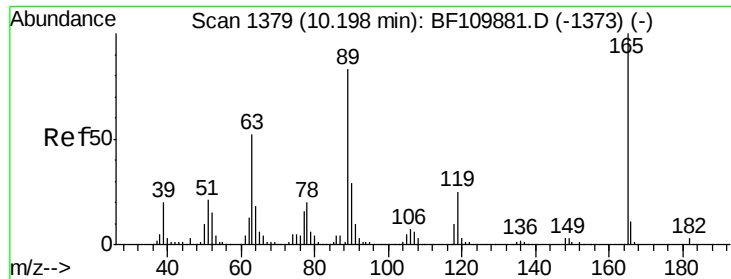
#50
Dimethylphthalate
Concen: 13.762 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF109968.D
Acq: 18 Oct 2018 19:37

Tgt Ion:163 Resp: 370843
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 9.6 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

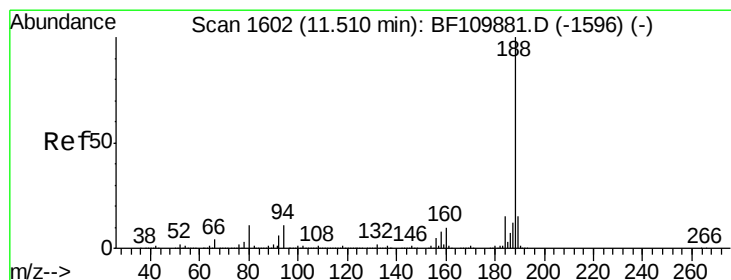
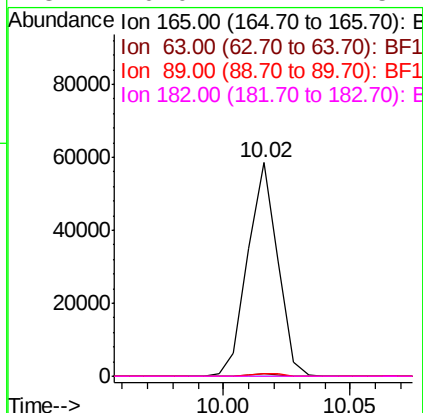
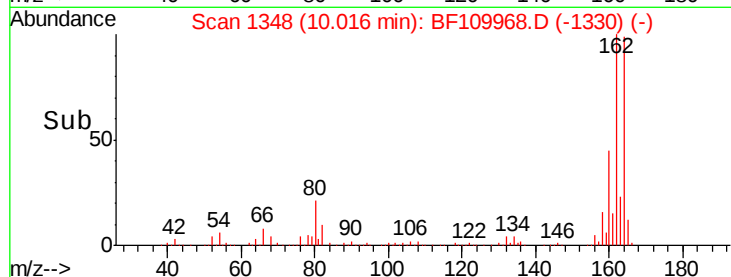
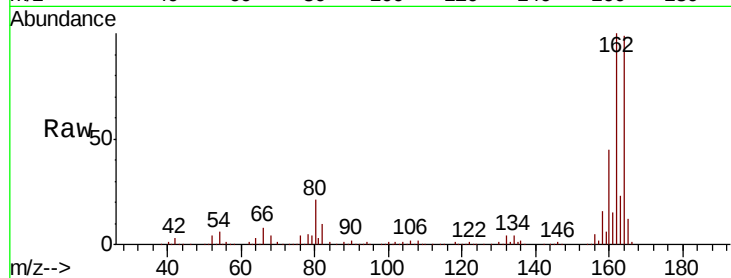




#57
 2,4-Dinitrotoluene
 Concen: 11.326 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.19 min
 Lab File: BF109968.D
 Acq: 18 Oct 2018 19:37

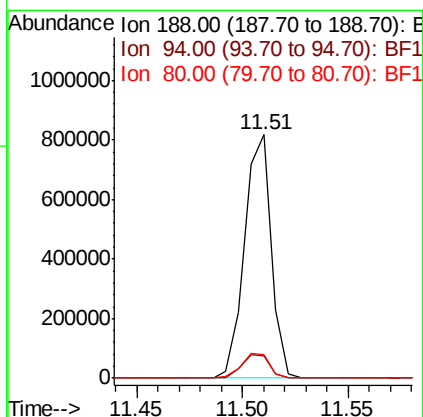
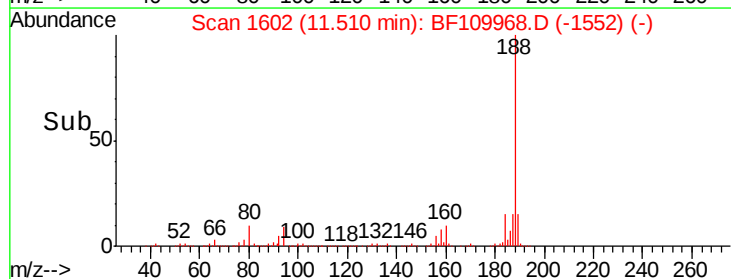
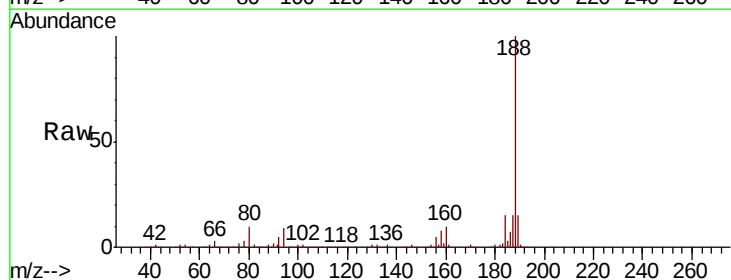
Instrument :
 BNA_F
 ClientSampleId :

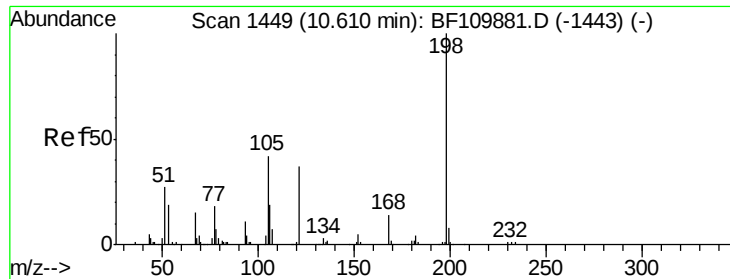
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	44.8	67.2#
89	1.5	62.2	93.4#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. -0.01 min
 Lab File: BF109968.D
 Acq: 18 Oct 2018 19:37

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.2	10.8
80	9.7	7.9	11.9

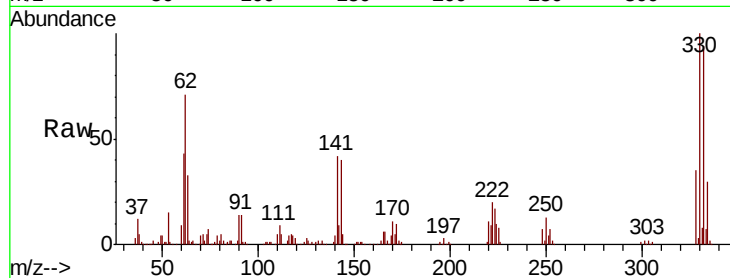




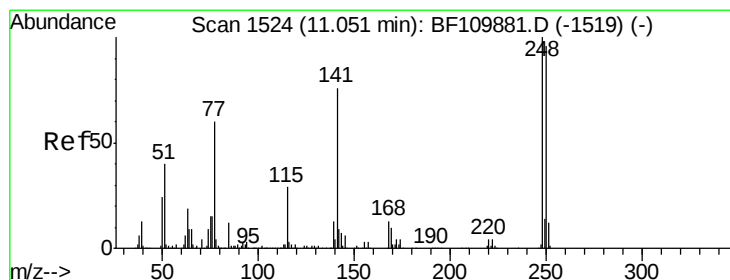
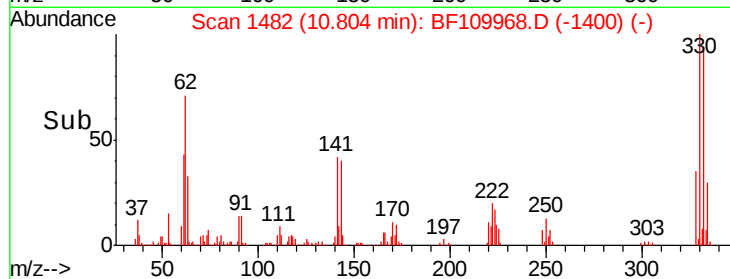
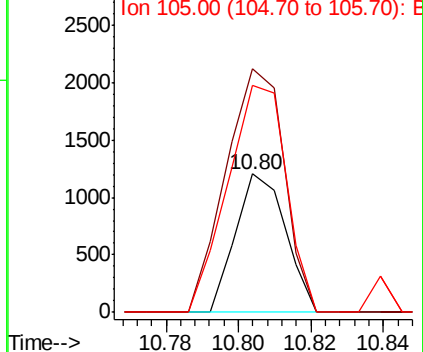
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.276 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. 0.18 min
 Lab File: BF109968.D
 Acq: 18 Oct 2018 19:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 1154
 Ion Ratio Lower Upper
 198 100
 51 175.9 22.8 62.8#
 105 164.3 23.6 63.6#

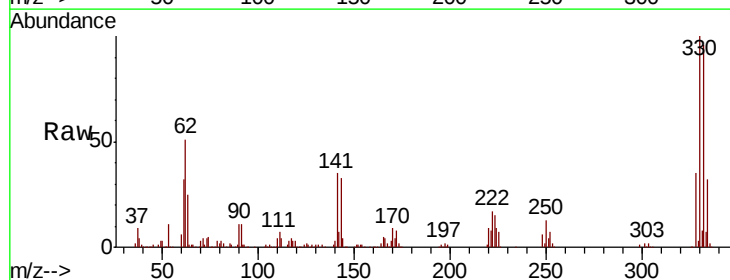


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

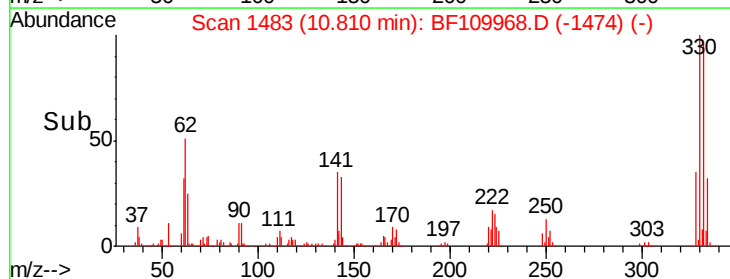
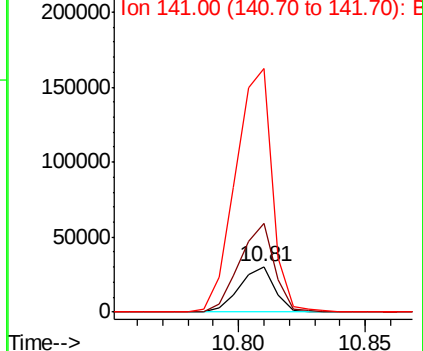


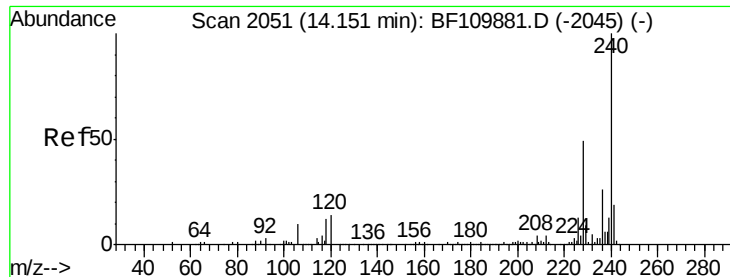
#67
 4-Bromophenyl-phenylether
 Concen: 3.728 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.25 min
 Lab File: BF109968.D
 Acq: 18 Oct 2018 19:37

Tgt Ion:248 Resp: 28958
 Ion Ratio Lower Upper
 248 100
 250 194.2 79.4 119.2#
 141 535.1 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: BF109968.D

Acq: 18 Oct 2018 19:37

Instrument :

BNA_F

ClientSampleId :

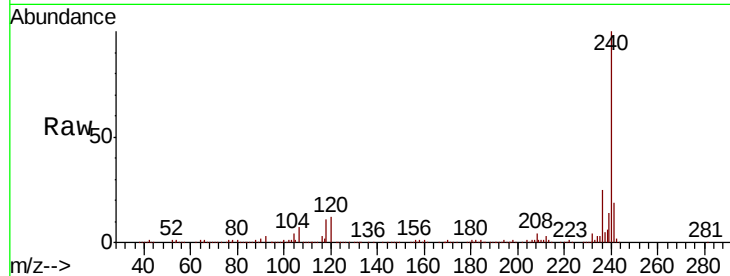
Tot Ion:240 Resp: 493627

Ion Ratio Lower Upper

240 100

120 11.8 8.3 12.5

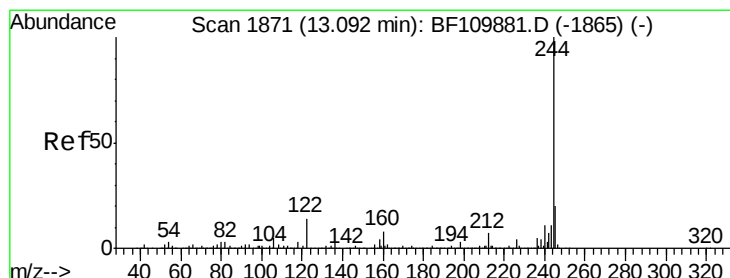
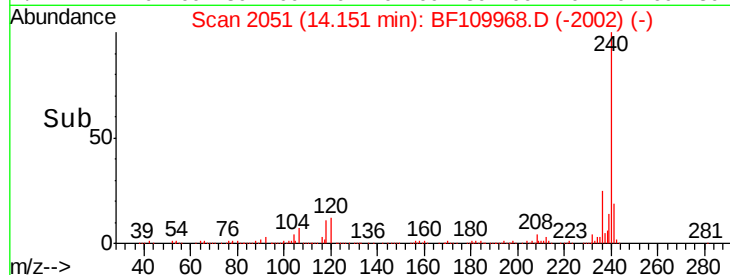
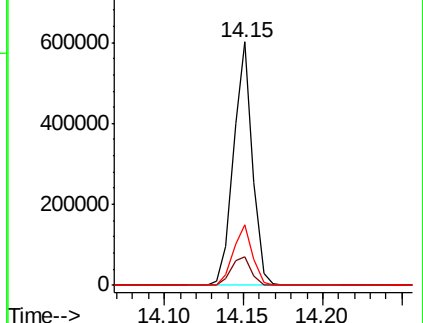
236 25.1 21.2 31.8



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: 65.647 ng

RT: 13.09 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BF109968.D

Acq: 18 Oct 2018 19:37

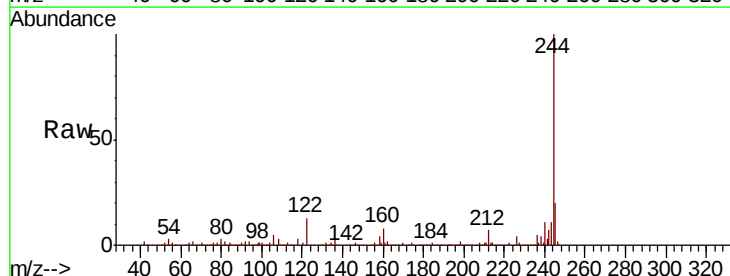
Tgt Ion:244 Resp: 1543153

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

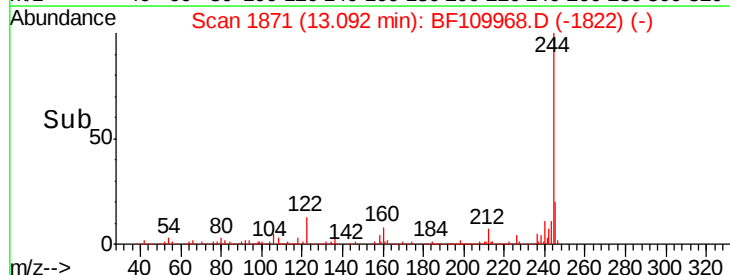
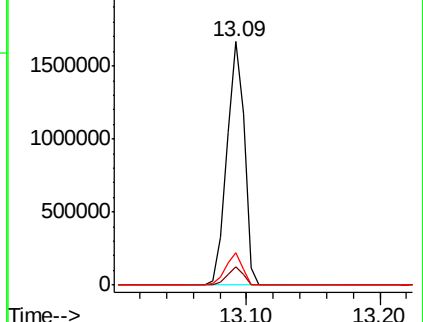
122 13.4 8.7 13.1#

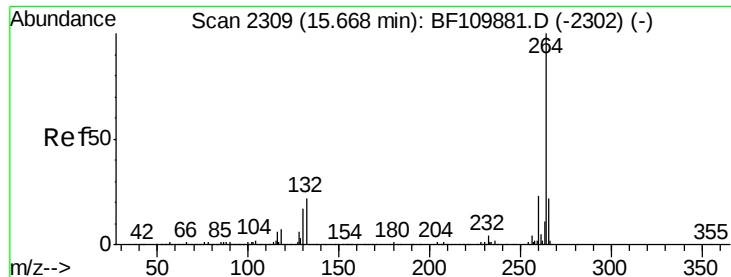


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.67 min Scan# 2310
 Delta R.T. -0.02 min
 Lab File: BF109968.D
 Acq: 18 Oct 2018 19:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	22.1	16.7	25.1

