

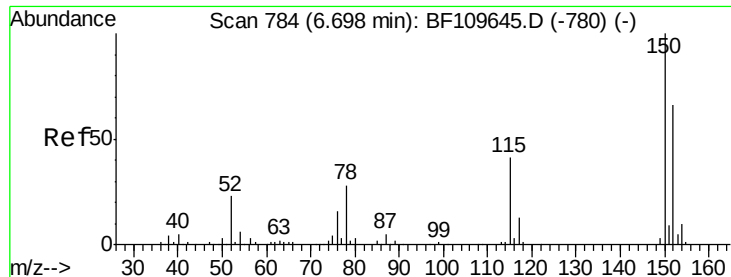
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101018\
 Data File : BF109743.D
 Acq On : 10 Oct 2018 15:37
 Operator : JU/SJ
 Sample : J5302-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 10 17:25:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	78846	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	335437	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	173992	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	369398	20.00	ng	0.00
75) Chrysene-d12	13.83	240	360452	20.00	ng	0.00
86) Perylene-d12	15.23	264	331075	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	605470	136.31	ng	0.00
7) Phenol-d6	6.35	99	856376	144.32	ng	-0.01
23) Nitrobenzene-d5	7.26	82	569236	93.54	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	262606	138.52	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	974341	77.13	ng	0.00
78) Terphenyl-d14	12.79	244	1104333	59.31	ng	0.00
Target Compounds						
10) Phenol	6.36	94	24870	3.655	ng	93
19) n-Nitroso-di-n-propylamine	7.26	70	73790	17.732	ng	# 77
25) Isophorone	7.26	82	569233	56.333	ng	# 67
49) Dimethylphthalate	9.45	163	71813	5.628	ng	99
50) 2,6-Dinitrotoluene	9.72	165	21165	7.652	ng	# 23
56) 2,4-Dinitrotoluene	9.72	165	21166	6.132	ng	# 19
66) 4-Bromophenyl-phenylether	10.51	248	15886	3.743	ng	# 1

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

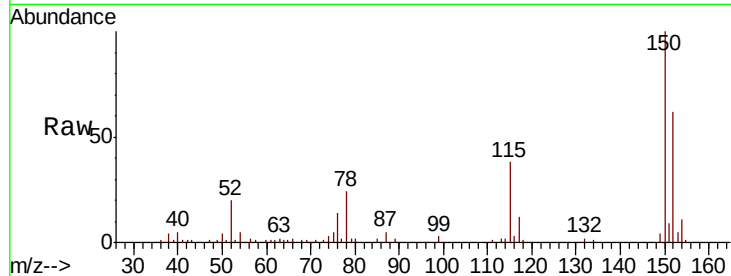


#1

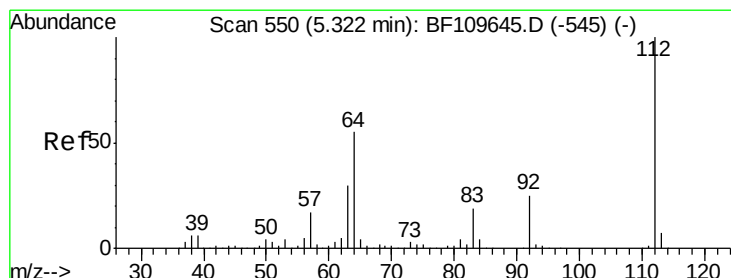
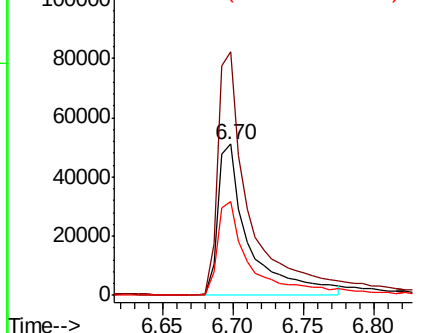
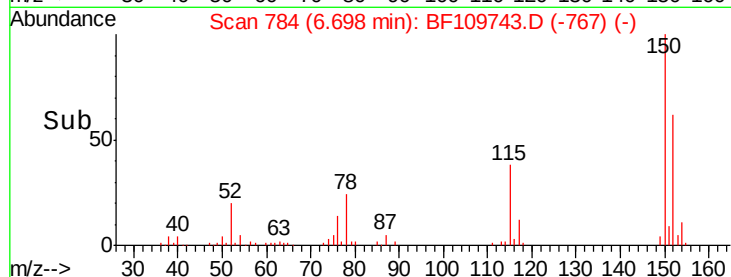
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF109743.D
Acq: 10 Oct 2018 15:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 78846
Ion Ratio Lower Upper
152 100
150 161.3 122.7 184.1
115 61.8 49.1 73.7



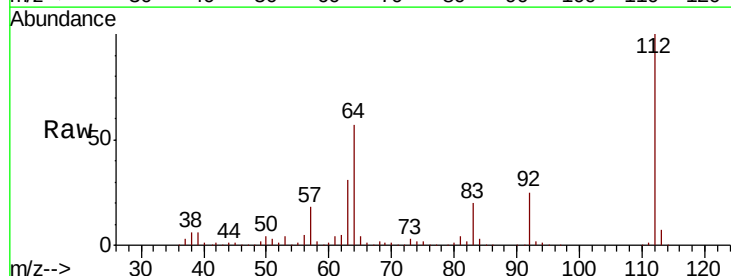
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



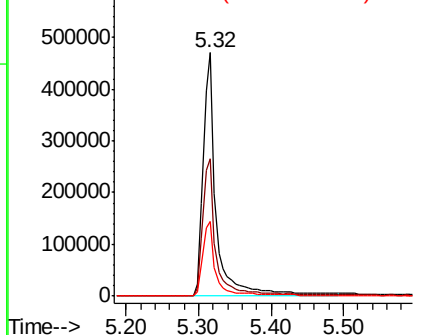
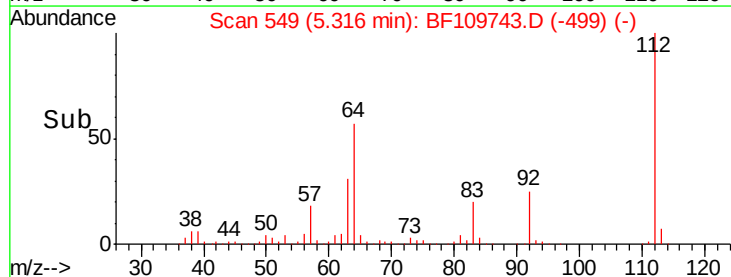
#5

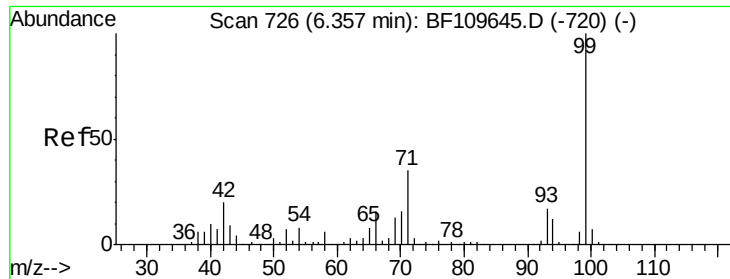
2-Fluorophenol
Concen: 136.307 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF109743.D
Acq: 10 Oct 2018 15:37

Tgt Ion:112 Resp: 605470
Ion Ratio Lower Upper
112 100
64 56.6 44.1 66.1
63 30.7 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: 144.318 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109743.D

Acq: 10 Oct 2018 15:37

Instrument :

BNA_F

ClientSampleId :

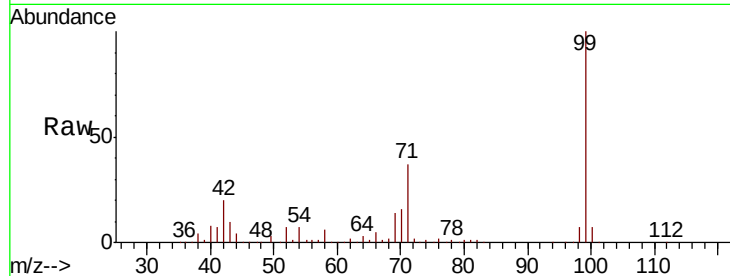
Tot Ion: 99 Resp: 856376

Ion Ratio Lower Upper

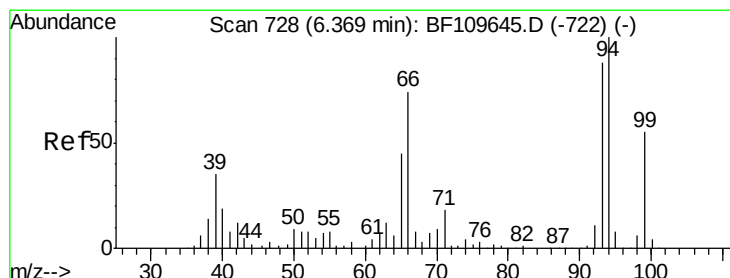
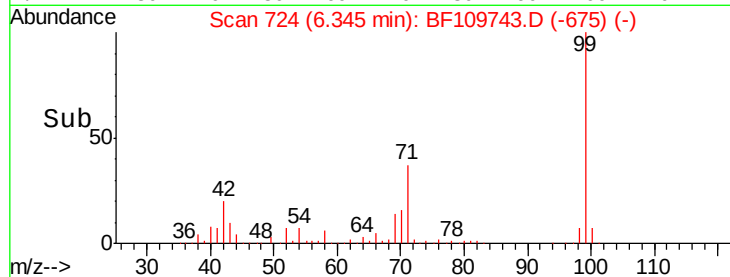
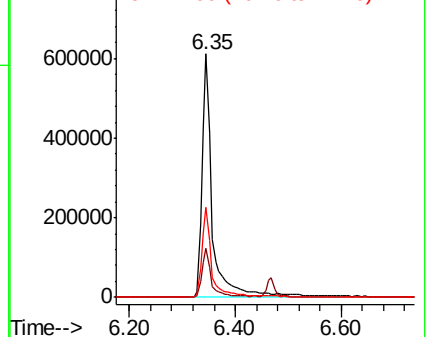
99 100

42 20.1 15.8 23.6

71 37.2 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: 3.655 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF109743.D

Acq: 10 Oct 2018 15:37

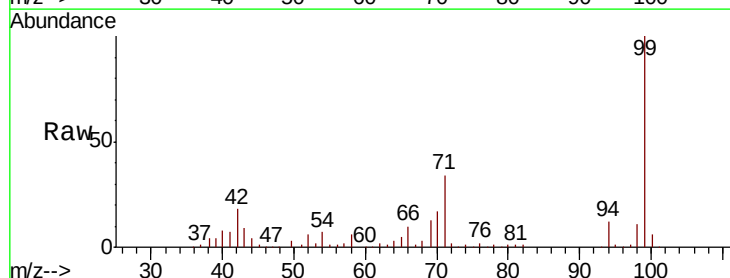
Tgt Ion: 94 Resp: 24870

Ion Ratio Lower Upper

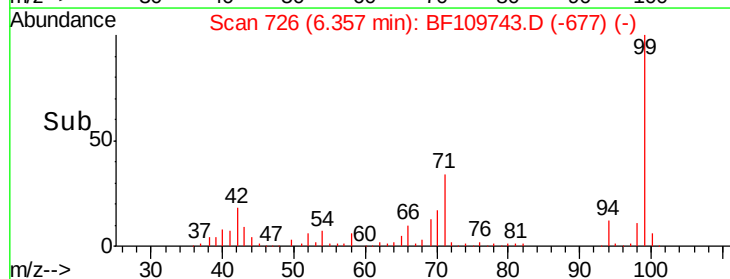
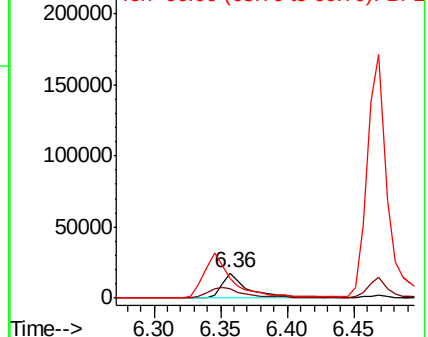
94 100

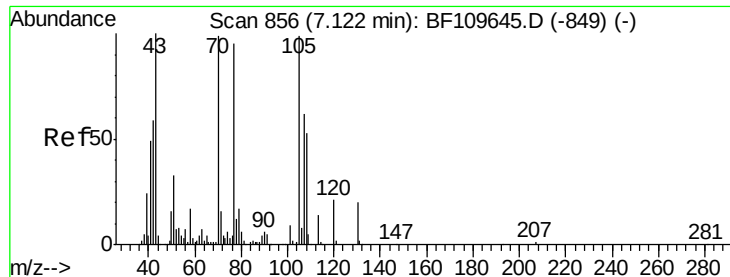
65 37.3 25.3 65.3

66 78.1 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

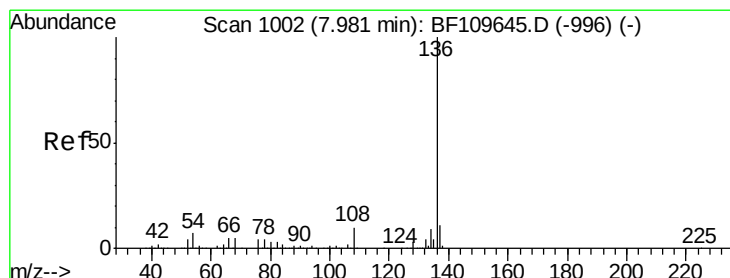
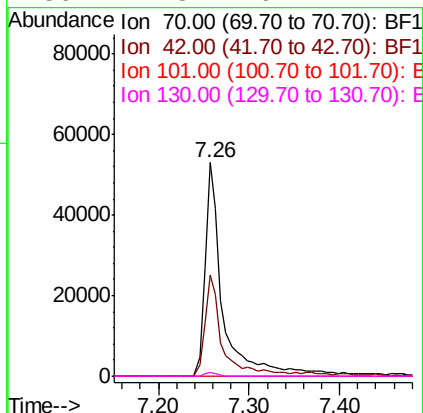
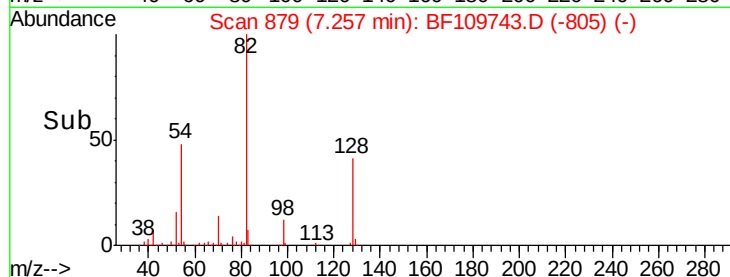
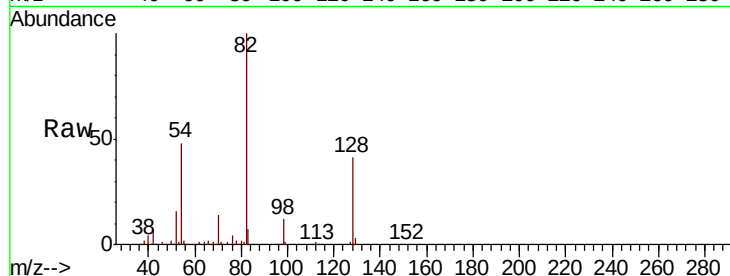




#19
n-Nitroso-di-n-propylamine
Concen: 17.732 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.14 min
Lab File: BF109743.D
Acq: 10 Oct 2018 15:37

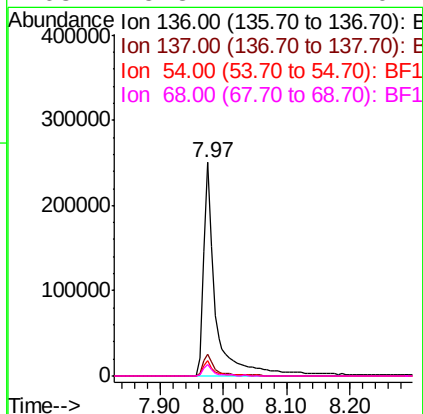
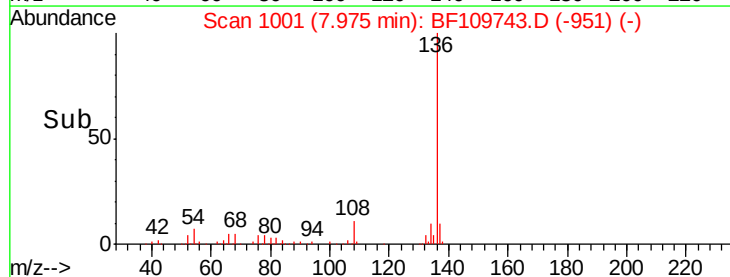
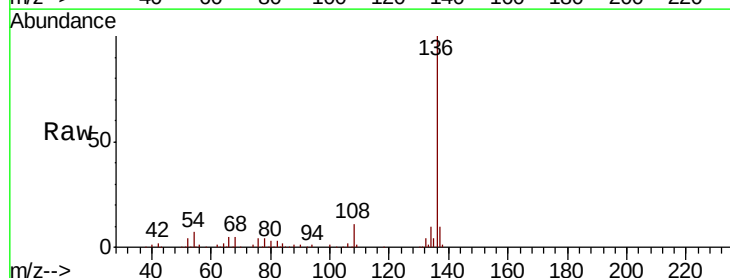
Instrument :
BNA_F
ClientSampleId :

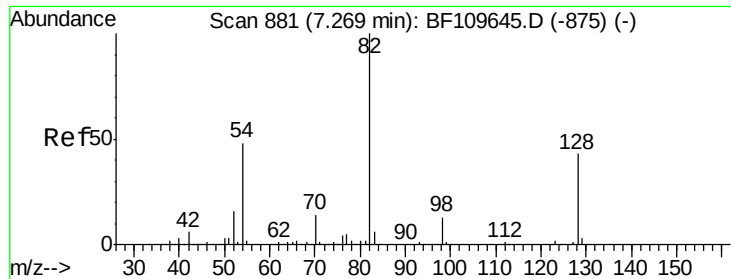
Tot Ion: 70 Resp: 73790
Ion Ratio Lower Upper
70 100
42 47.1 47.4 71.2#
101 0.0 7.3 10.9#
130 1.8 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109743.D
Acq: 10 Oct 2018 15:37

Tgt Ion: 136 Resp: 335437
Ion Ratio Lower Upper
136 100
137 10.3 8.8 13.2
54 6.9 5.4 8.2
68 5.3 4.2 6.2

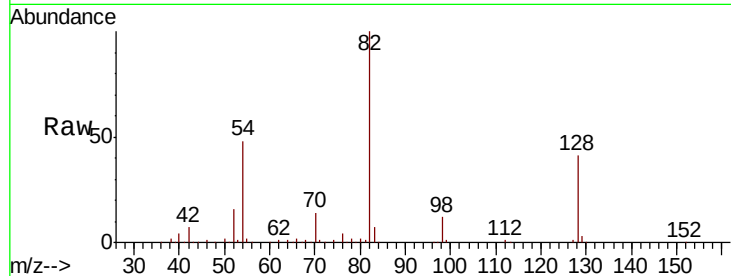




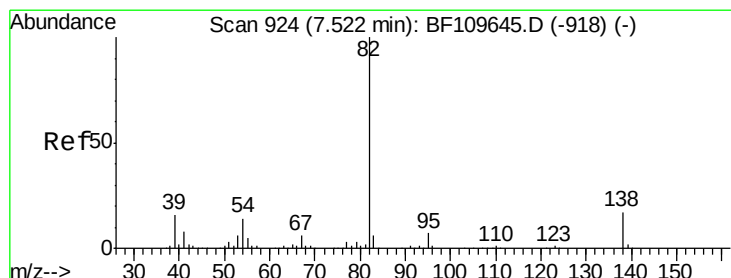
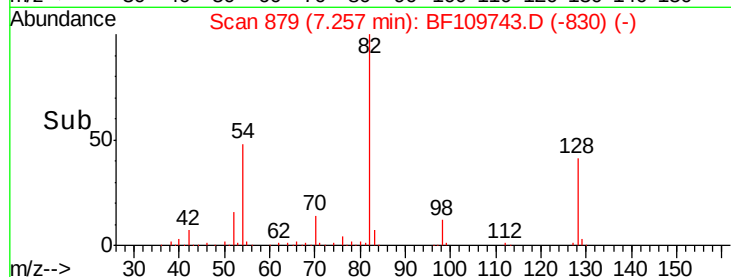
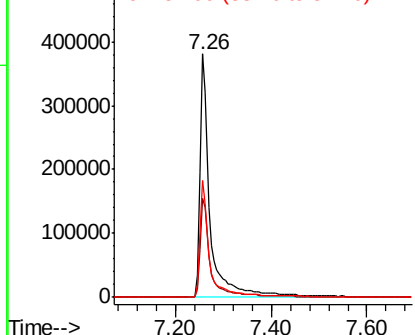
#23
Nitrobenzene-d5
Concen: 93.544 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF109743.D
Acq: 10 Oct 2018 15:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.7	34.2	51.2
54	47.8	38.6	58.0

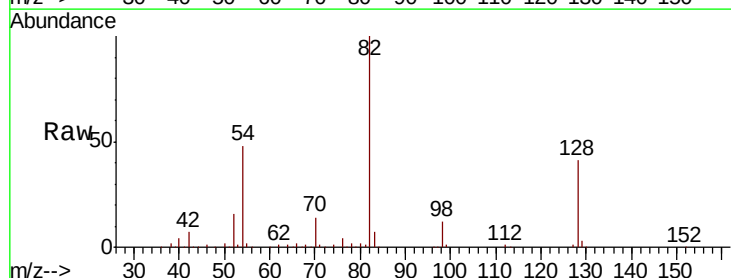


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

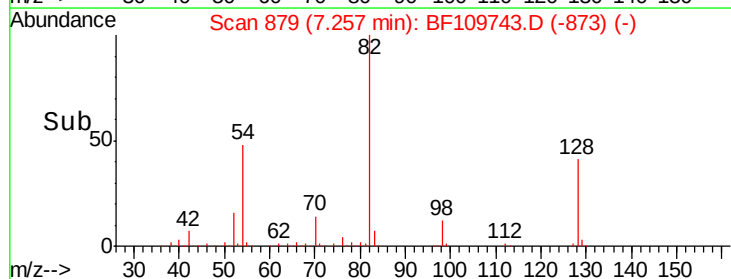
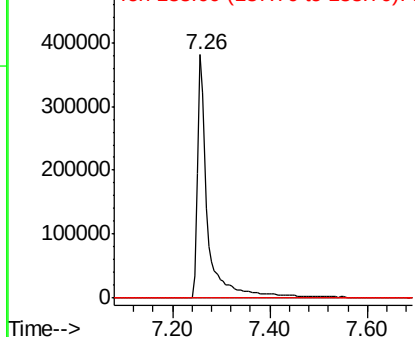


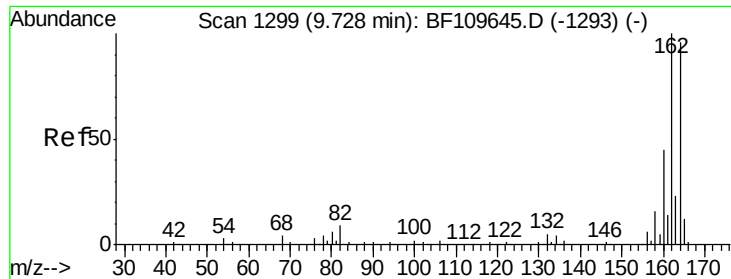
#25
Isophorone
Concen: 56.333 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.26 min
Lab File: BF109743.D
Acq: 10 Oct 2018 15:37

Tgt 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

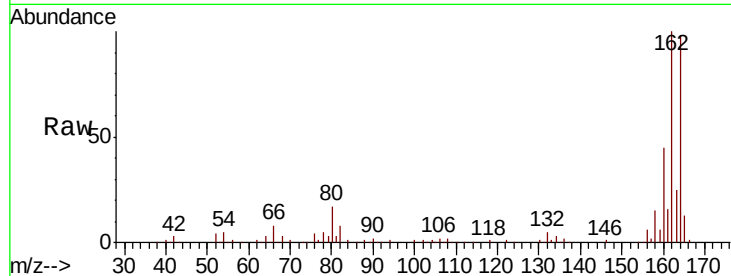




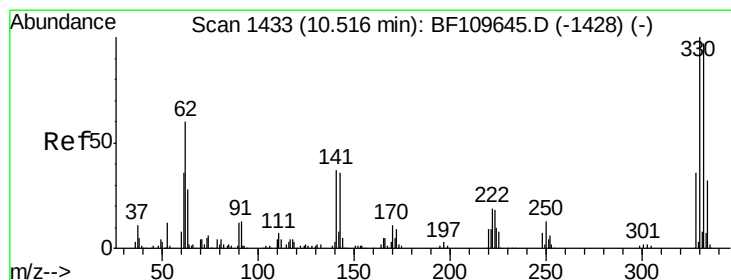
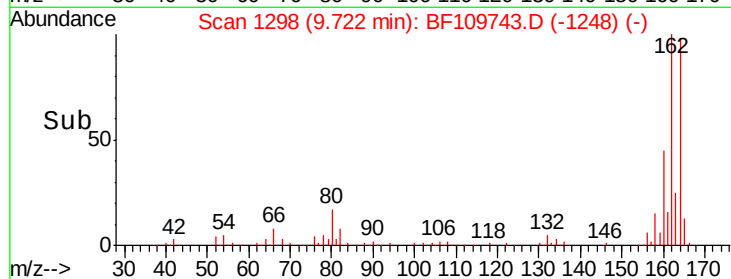
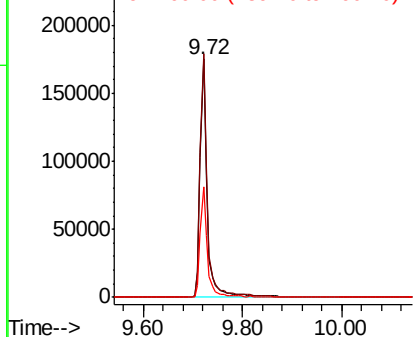
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109743.D
 Acq: 10 Oct 2018 15:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 173992
 Ion Ratio Lower Upper
 164 100
 162 102.2 83.0 124.6
 160 46.4 37.0 55.6

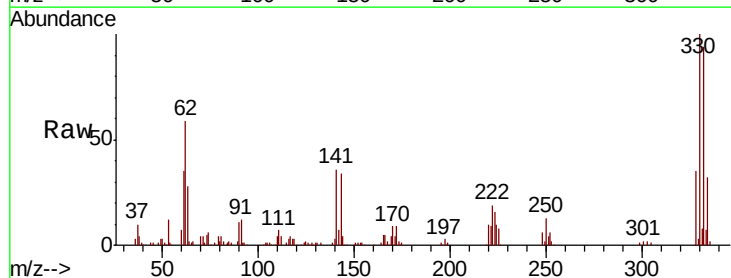


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

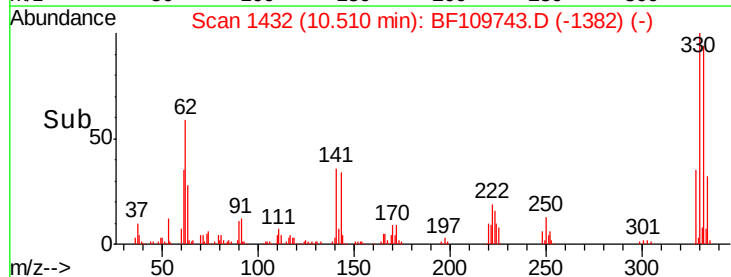
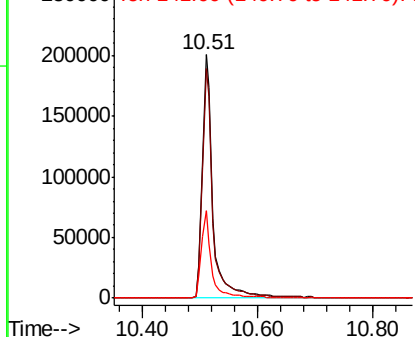


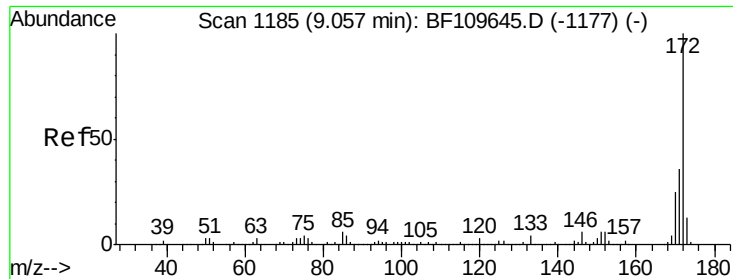
#41
 2,4,6-Tribromophenol
 Concen: 138.518 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109743.D
 Acq: 10 Oct 2018 15:37

Tgt Ion:330 Resp: 262606
 Ion Ratio Lower Upper
 330 100
 332 94.4 77.1 115.7
 141 34.4 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

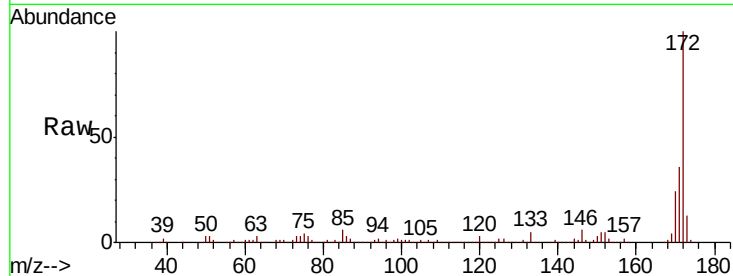




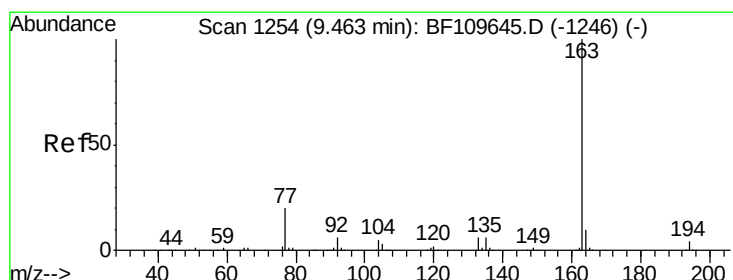
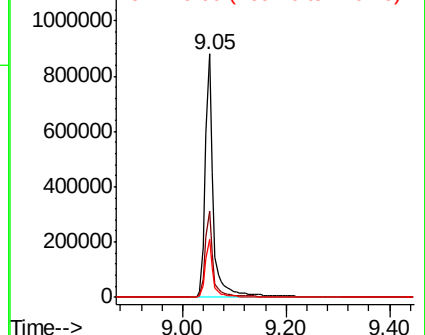
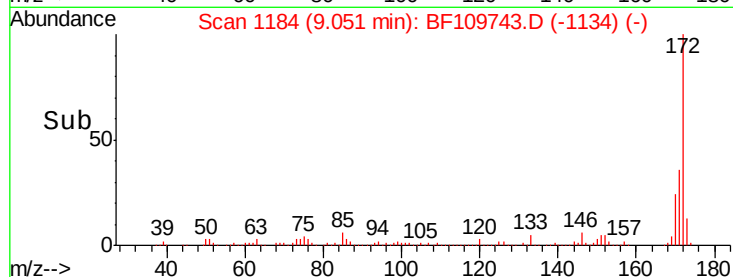
#44
2-Fluorobiphenyl
Concen: 77.125 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF109743.D
Acq: 10 Oct 2018 15:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 974341
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 23.9 19.7 29.5

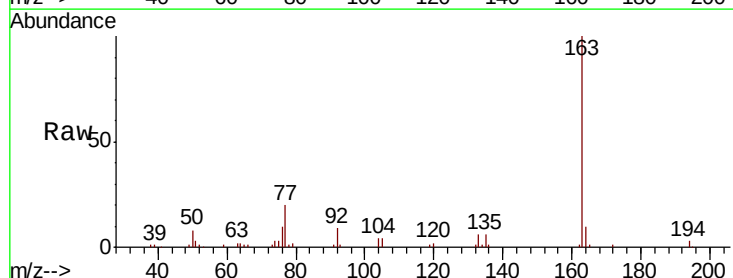


Abundance Ion 172.00 (171.70 to 172.70): E
1200000
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

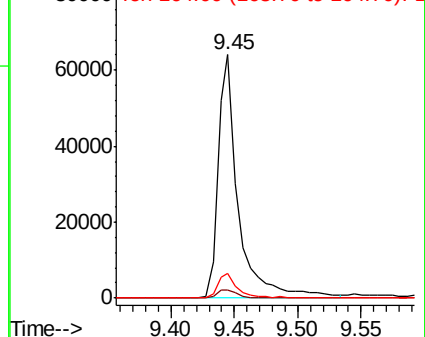
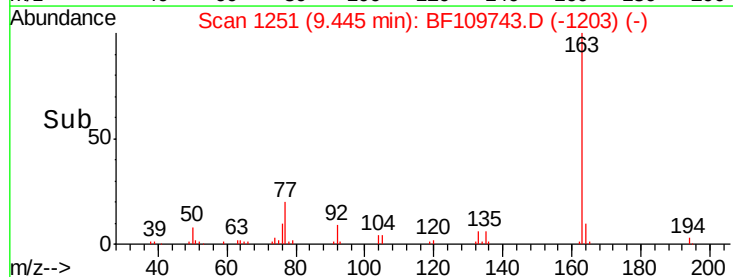


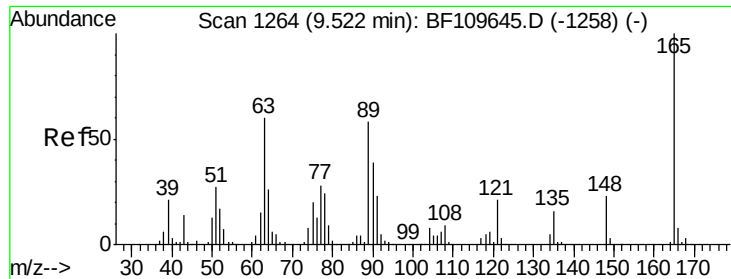
#49
Dimethylphthalate
Concen: 5.628 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF109743.D
Acq: 10 Oct 2018 15:37

Tgt Ion:163 Resp: 71813
Ion Ratio Lower Upper
163 100
194 3.4 3.2 4.8
164 10.2 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
80000
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

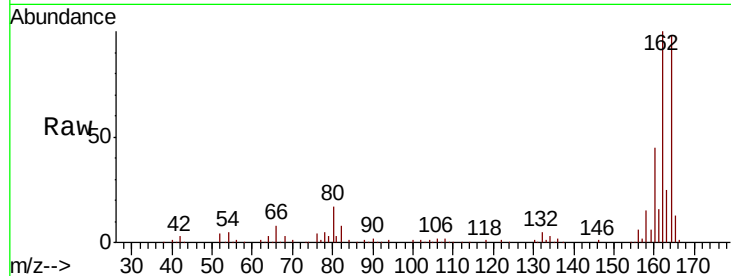




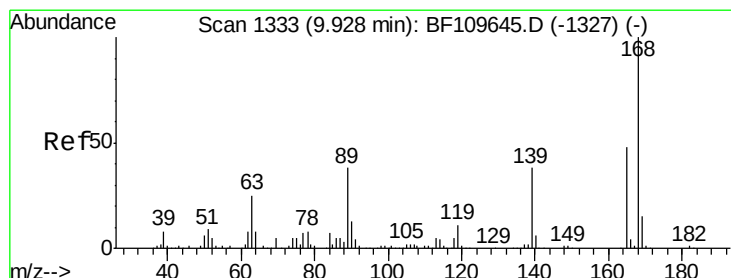
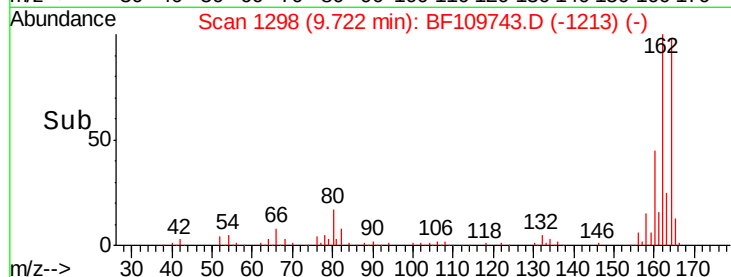
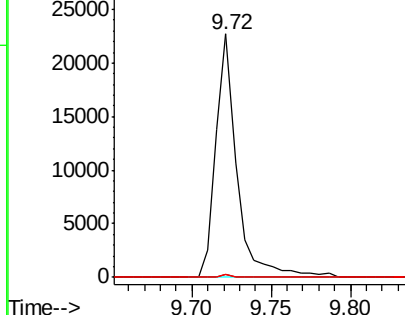
#50
 2,6-Dinitrotoluene
 Concen: 7.652 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. 0.20 min
 Lab File: BF109743.D
 Acq: 10 Oct 2018 15:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	48.9	73.3#
89	1.3	46.6	69.8#

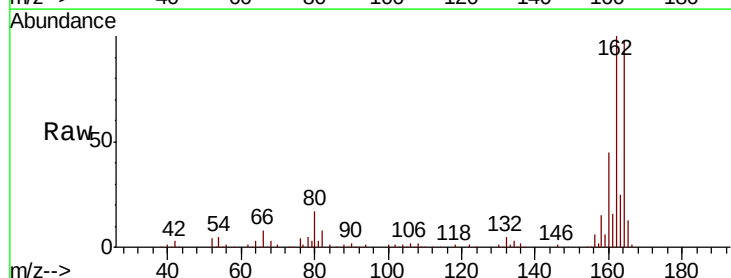


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

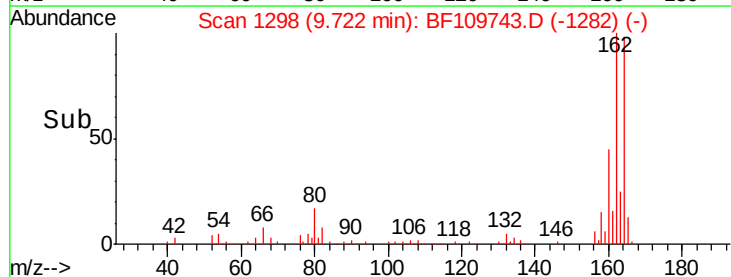
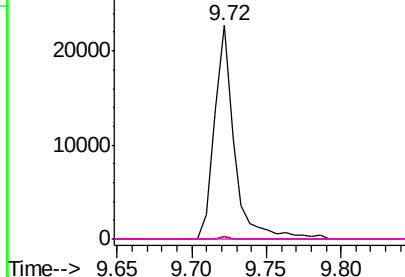


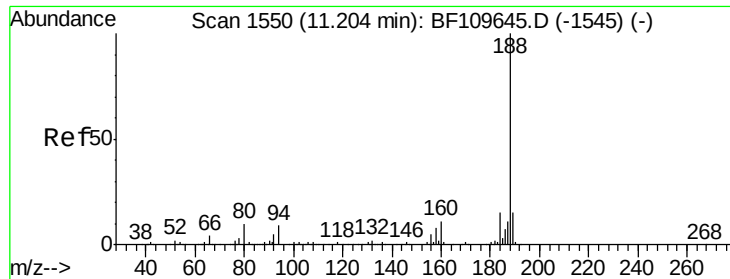
#56
 2,4-Dinitrotoluene
 Concen: 6.132 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.21 min
 Lab File: BF109743.D
 Acq: 10 Oct 2018 15:37

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	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

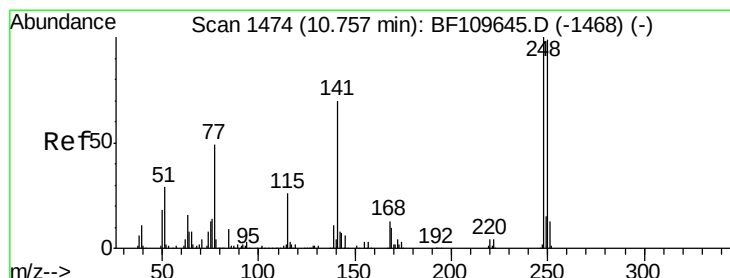
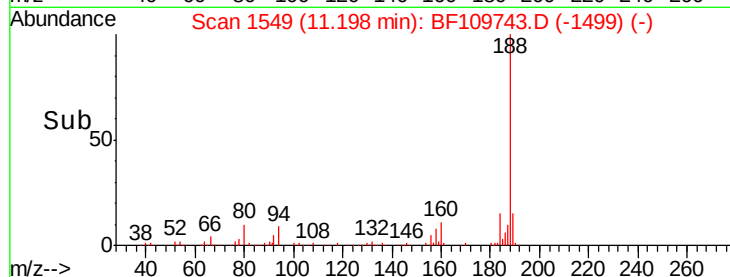
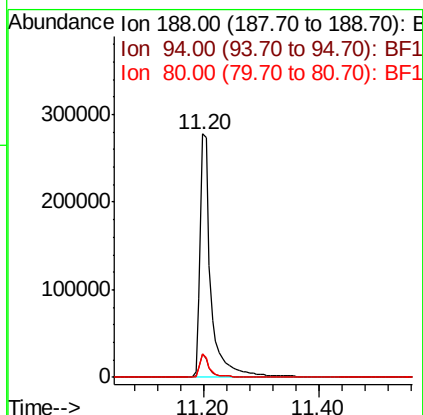
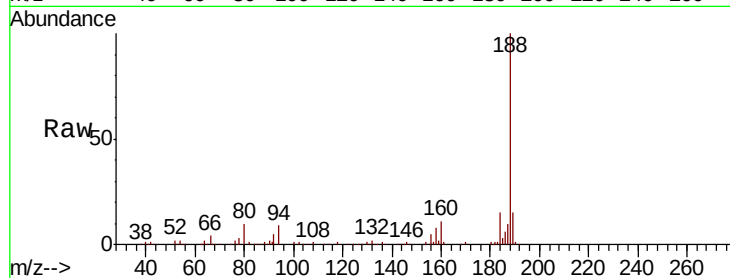




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109743.D
Acq: 10 Oct 2018 15:37

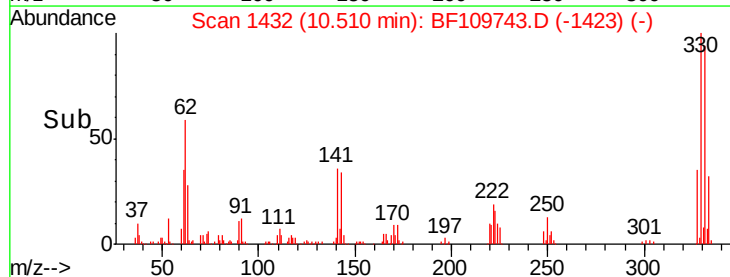
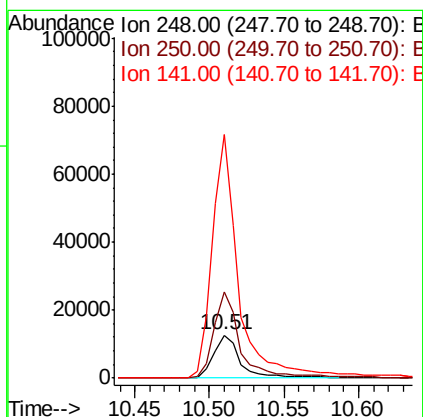
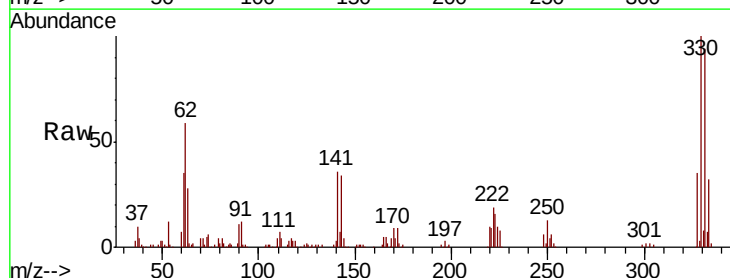
Instrument :
BNA_F
ClientSampleId :

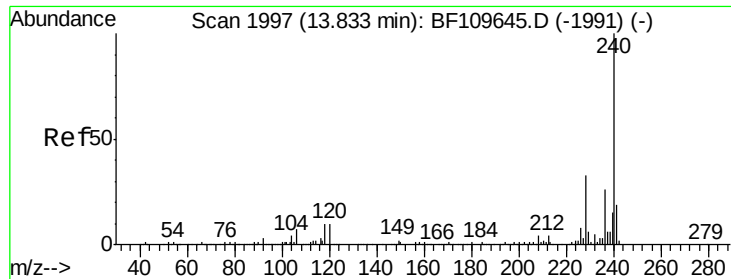
Tot Ion:188 Resp: 369398
Ion Ratio Lower Upper
188 100
94 9.4 7.2 10.8
80 9.9 7.9 11.9



#66
4-Bromophenyl-phenylether
Concen: 3.743 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.25 min
Lab File: BF109743.D
Acq: 10 Oct 2018 15:37

Tgt Ion:248 Resp: 15886
Ion Ratio Lower Upper
248 100
250 201.7 79.4 119.2#
141 570.1 55.9 83.9#

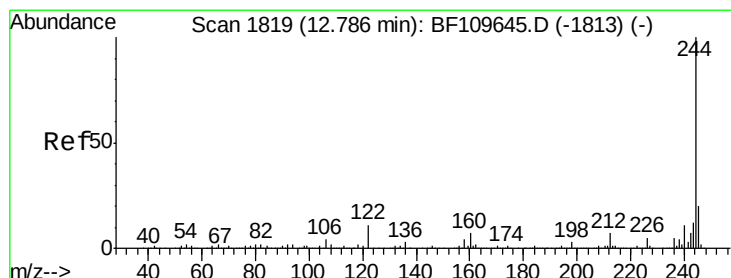
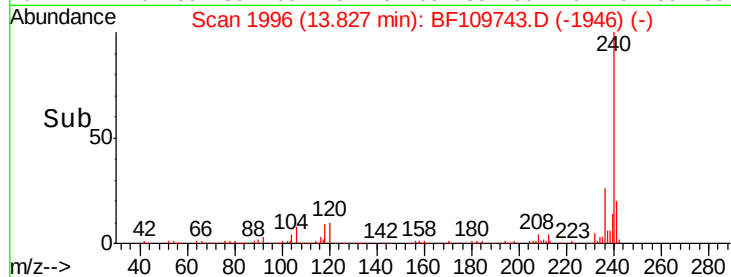
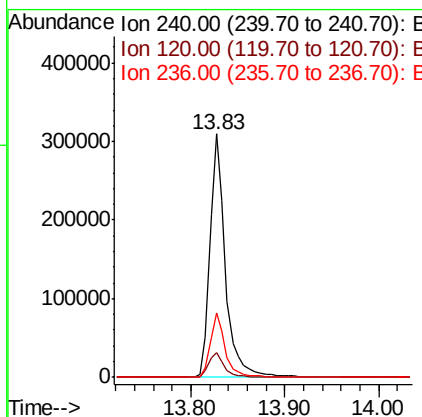
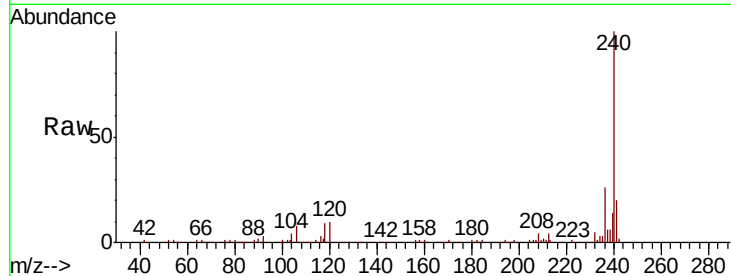




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF109743.D
 Acq: 10 Oct 2018 15:37

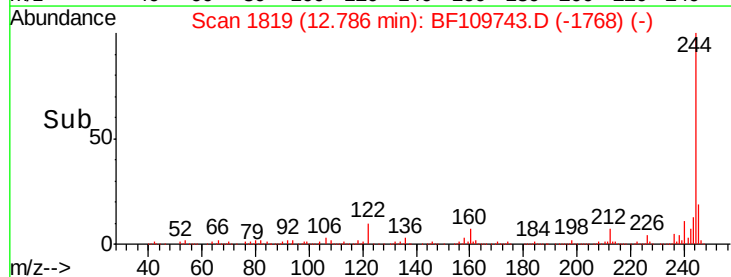
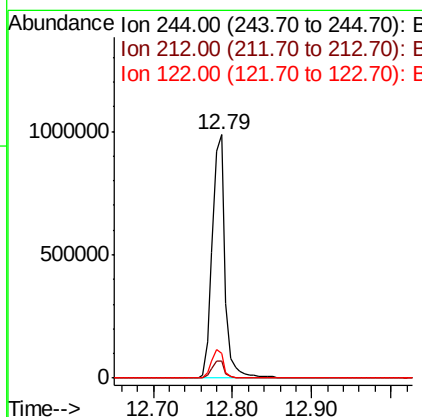
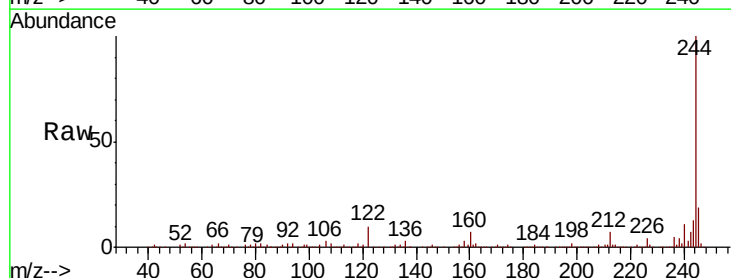
Instrument :
 BNA_F
 ClientSampleId :

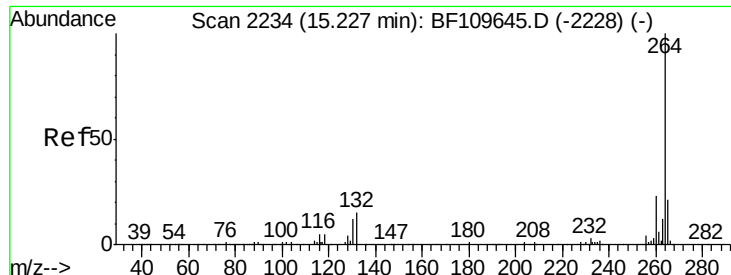
Tot Ion:240 Resp: 360452
 Ion Ratio Lower Upper
 240 100
 120 10.3 8.3 12.5
 236 26.3 21.2 31.8



#78
 Terphenyl-d14
 Concen: 59.309 ng
 RT: 12.79 min Scan# 1819
 Delta R.T. 0.00 min
 Lab File: BF109743.D
 Acq: 10 Oct 2018 15:37

Tgt Ion:244 Resp: 1104333
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 10.1 8.7 13.1





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.00 min
Lab File: BF109743.D
Acq: 10 Oct 2018 15:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	21.8	16.7	25.1

