

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100918\
 Data File : BF109700.D
 Acq On : 9 Oct 2018 17:39
 Operator : JU/SJ
 Sample : J5300-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 09 18:23:48 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

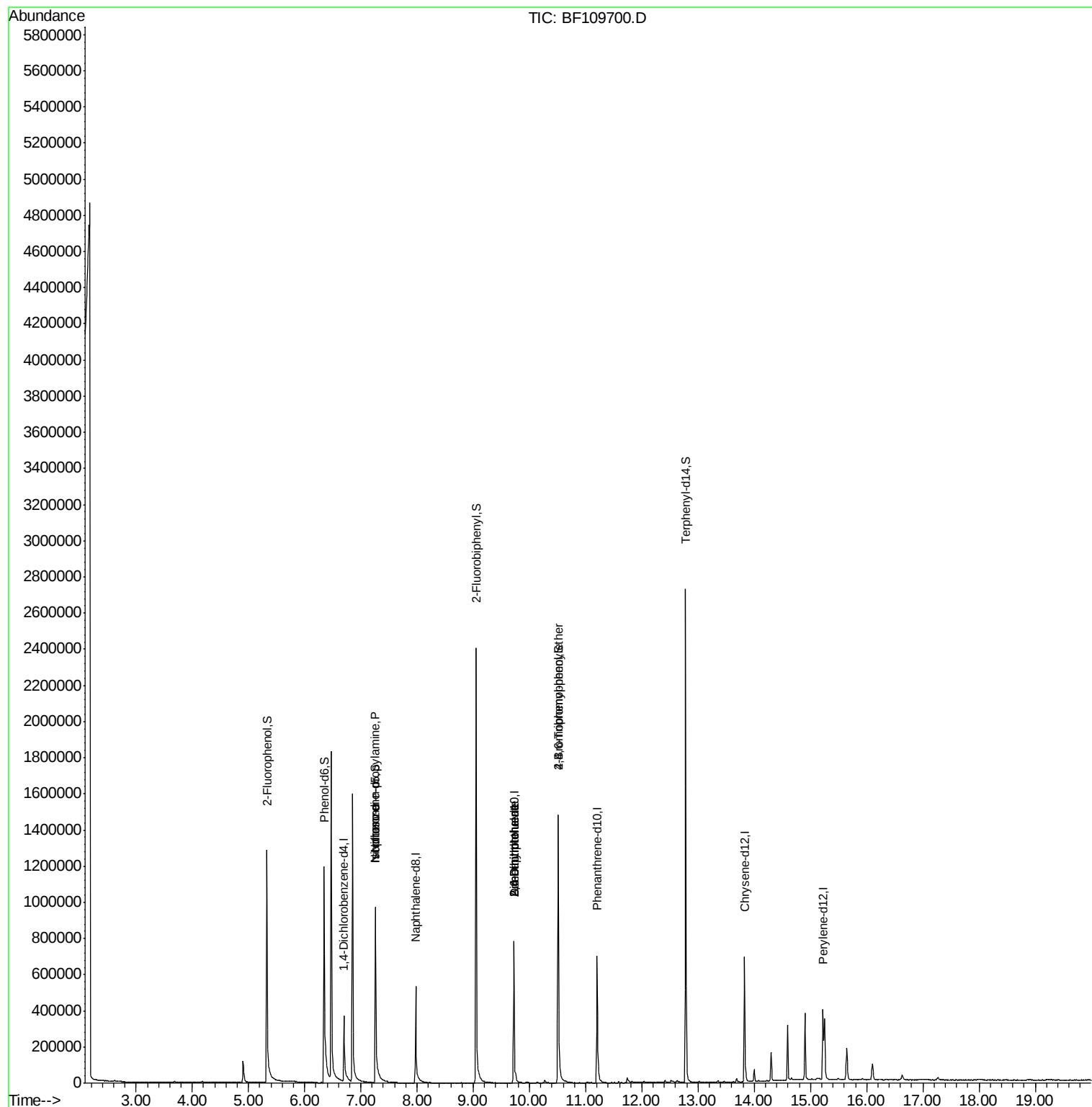
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	89096	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	365286	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	185780	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	378904	20.00	ng	0.00
75) Chrysene-d12	13.83	240	290120	20.00	ng	0.00
86) Perylene-d12	15.22	264	217772	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	498149	99.24	ng	0.00
7) Phenol-d6	6.35	99	641102	95.61	ng	-0.01
23) Nitrobenzene-d5	7.26	82	514869	77.70	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	233471	115.34	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	967156	71.70	ng	0.00
78) Terphenyl-d14	12.78	244	1055773	70.45	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	66028	14.042	ng	# 78
25) Isophorone	7.26	82	517742	47.050	ng	# 67
49) Dimethylphthalate	9.72	163	45582	3.345	ng	# 1
50) 2,6-Dinitrotoluene	9.72	165	22365	7.572	ng	# 22
56) 2,4-Dinitrotoluene	9.72	165	22365	6.068	ng	# 18
66) 4-Bromophenyl-phenylether	10.51	248	14103	3.239	ng	# 1

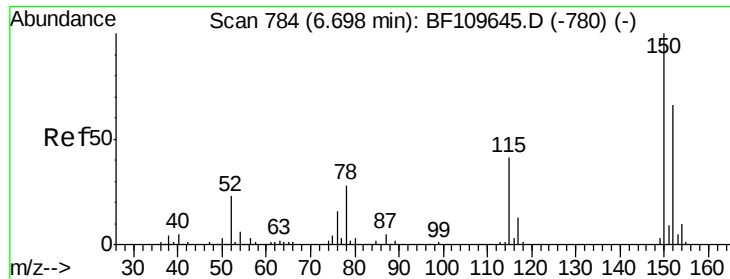
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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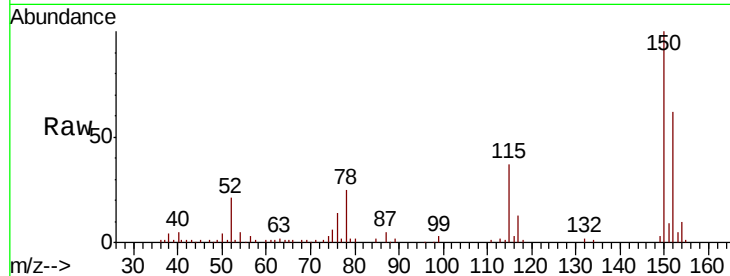


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF109700.D
Acq: 9 Oct 2018 17:39

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.4	122.7	184.1
115	60.4	49.1	73.7

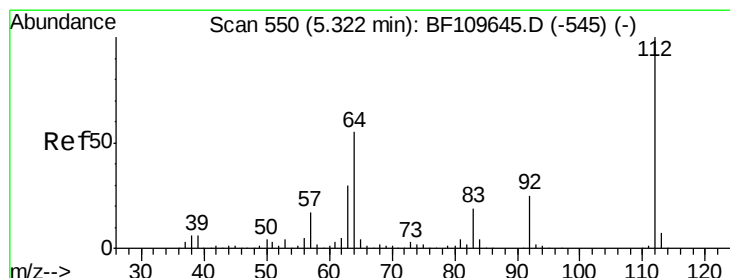
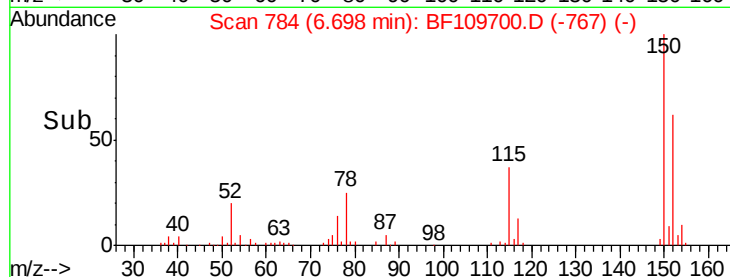
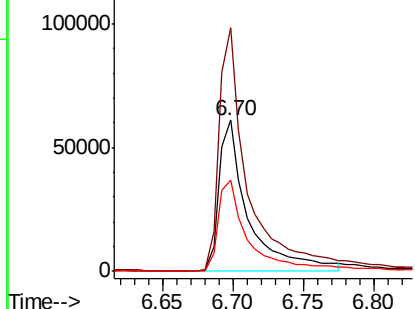


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

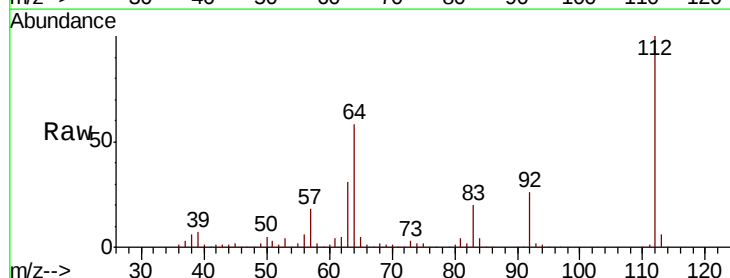
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 99.245 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF109700.D
Acq: 9 Oct 2018 17:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.1	44.1	66.1
63	31.3	23.7	35.5

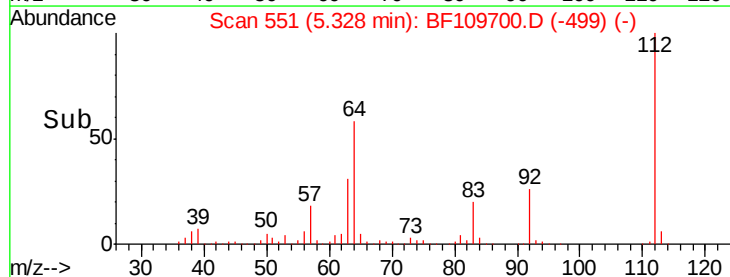
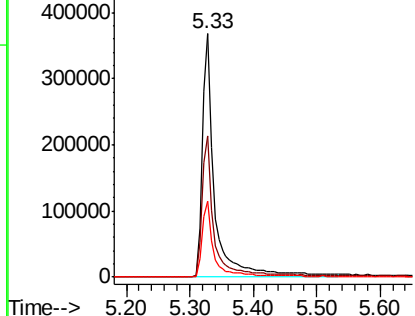


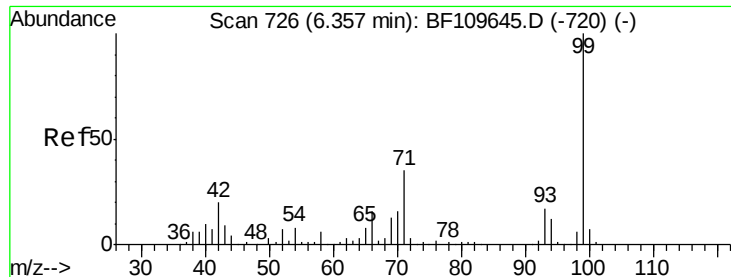
Abundance

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: 95.610 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109700.D

Acq: 9 Oct 2018 17:39

Instrument :

BNA_F

ClientSampleId :

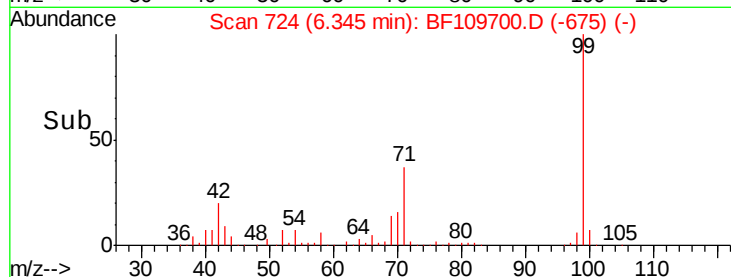
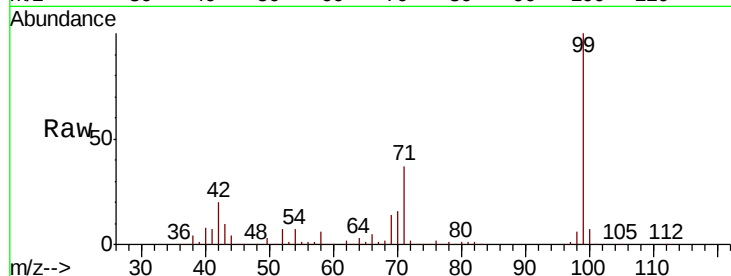
Tot Ion: 99 Resp: 641102

Ion Ratio Lower Upper

99 100

42 19.6 15.8 23.6

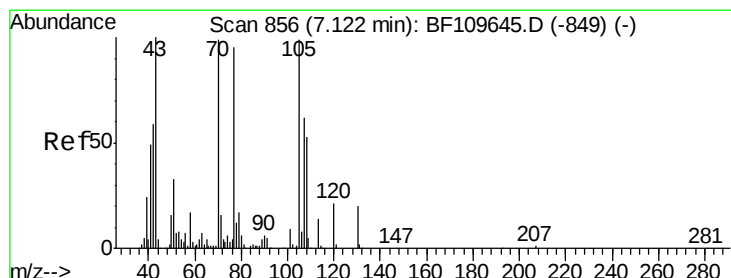
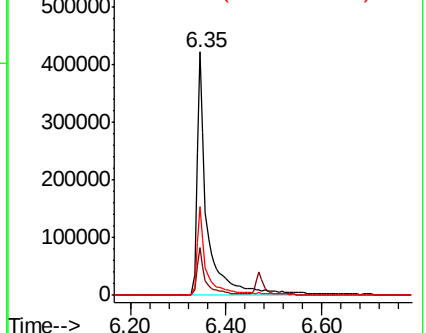
71 36.7 28.0 42.0



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: 14.042 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.14 min

Lab File: BF109700.D

Acq: 9 Oct 2018 17:39

Tgt Ion: 70 Resp: 66028

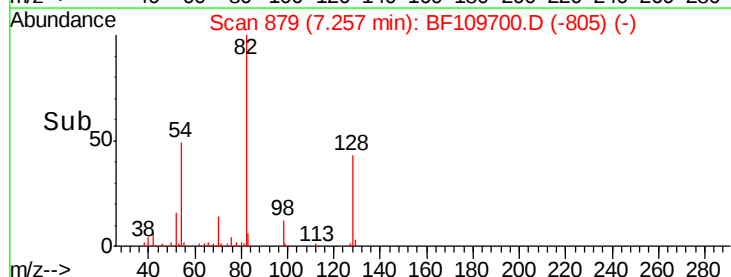
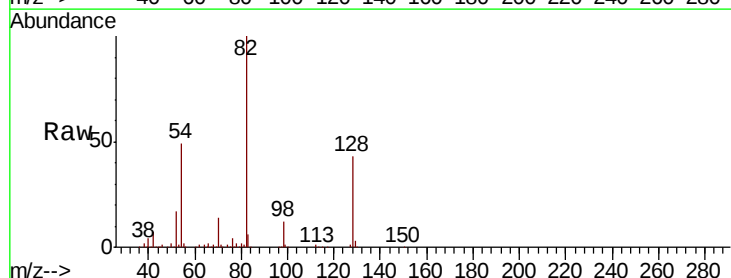
Ion Ratio Lower Upper

70 100

42 47.1 47.4 71.2#

101 0.0 7.3 10.9#

130 2.3 16.2 24.2#

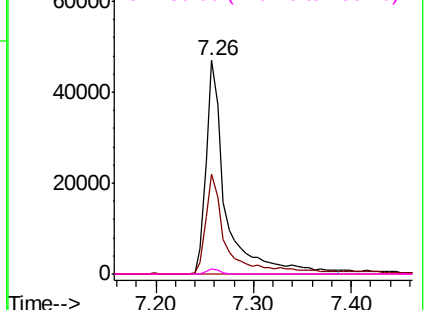


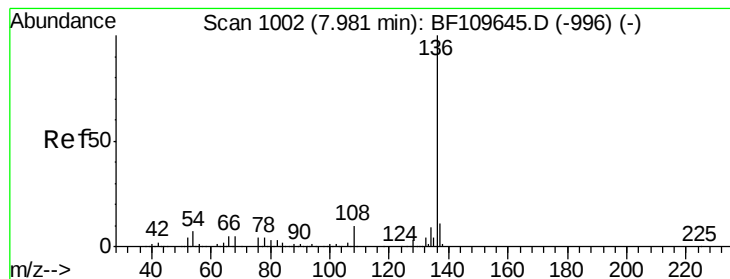
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF109700.D

Acq: 9 Oct 2018 17:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 365286

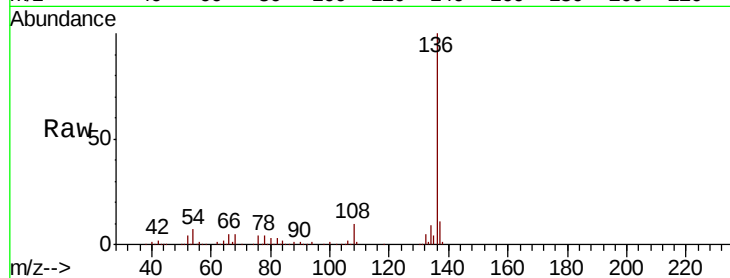
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 7.0 5.4 8.2

68 5.0 4.2 6.2

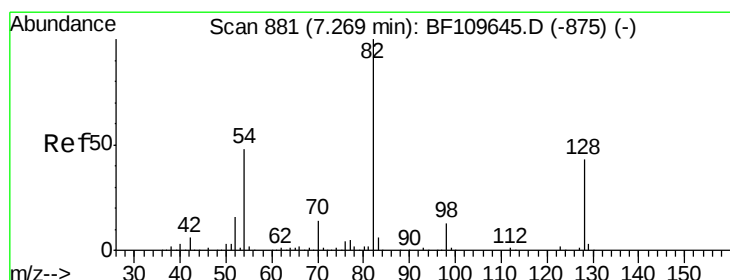
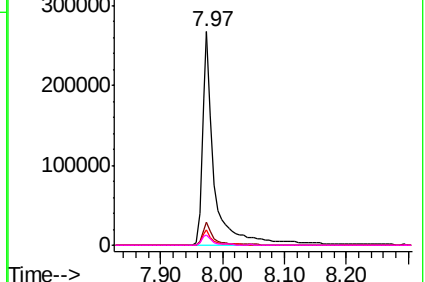
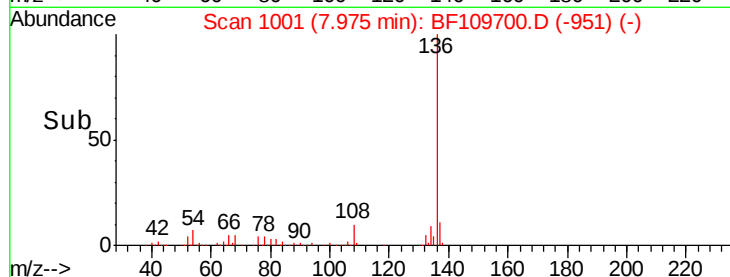


Abundance Ion 136.00 (135.70 to 136.70): E

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: 77.696 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF109700.D

Acq: 9 Oct 2018 17:39

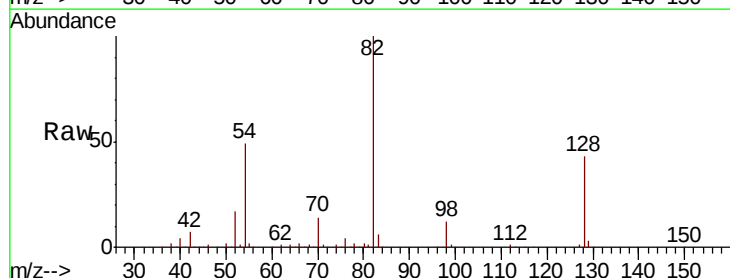
Tgt Ion: 82 Resp: 514869

Ion Ratio Lower Upper

82 100

128 42.5 34.2 51.2

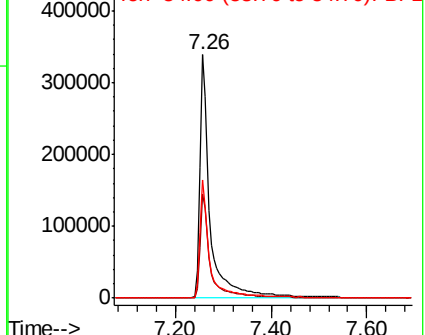
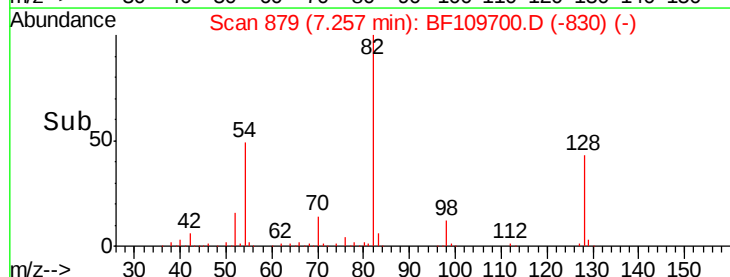
54 48.8 38.6 58.0

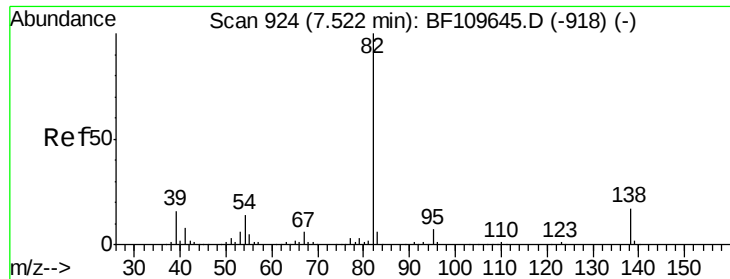


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 47.050 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.26 min

Lab File: BF109700.D

Acq: 9 Oct 2018 17:39

Instrument :

BNA_F

ClientSampled :

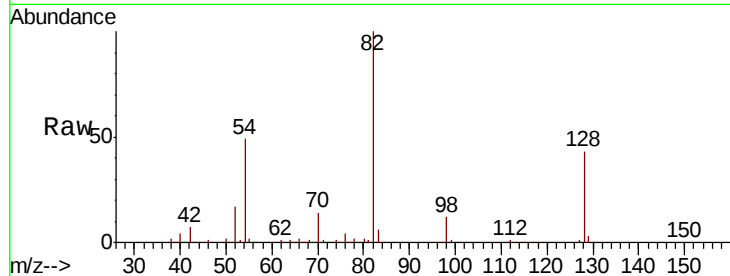
Tot Ion: 82 Resp: 517742

Ion Ratio Lower Upper

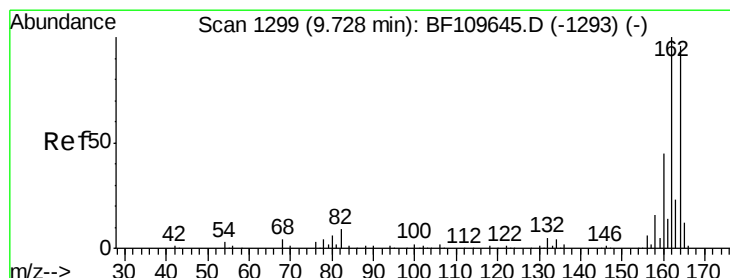
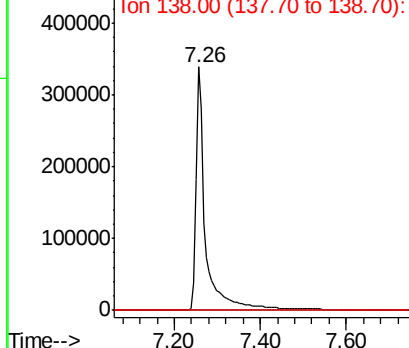
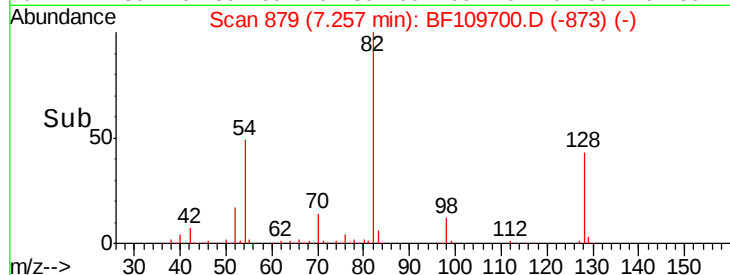
82 100

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: BF109700.D

Acq: 9 Oct 2018 17:39

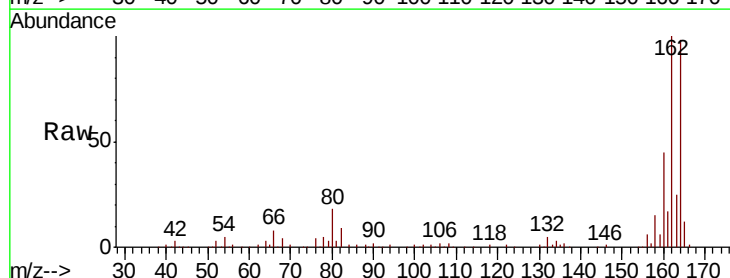
Tgt Ion:164 Resp: 185780

Ion Ratio Lower Upper

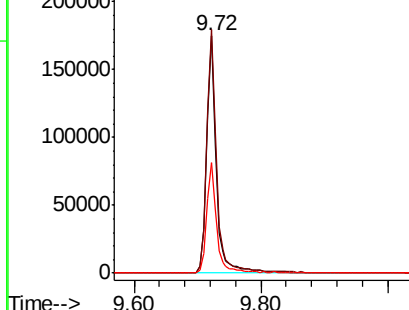
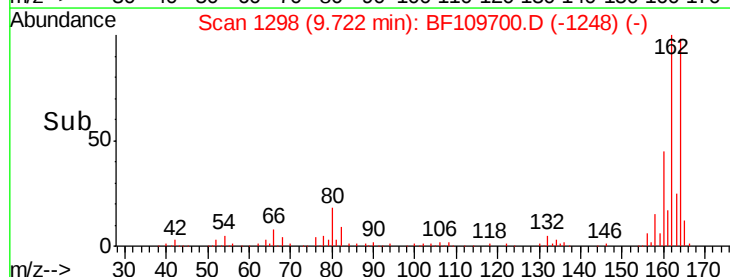
164 100

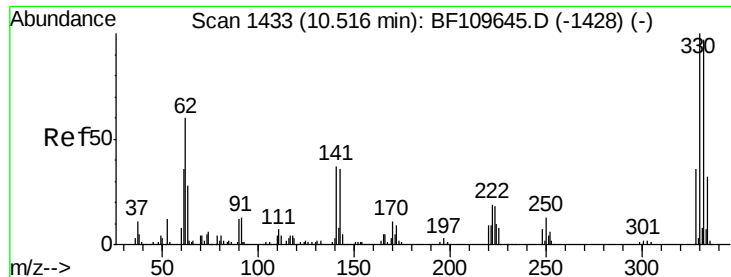
162 102.4 83.0 124.6

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

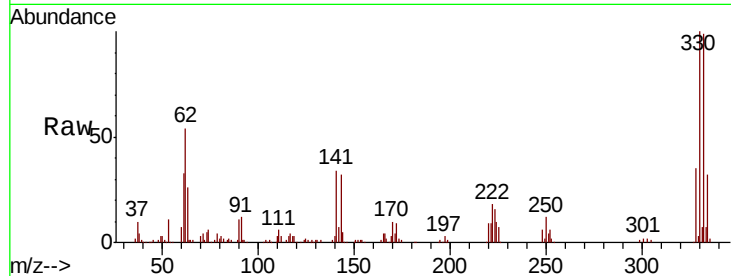




#41
 2,4,6-Tribromophenol
 Concen: 115.336 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109700.D
 Acq: 9 Oct 2018 17:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.1	115.7
141	34.9	27.0	40.4

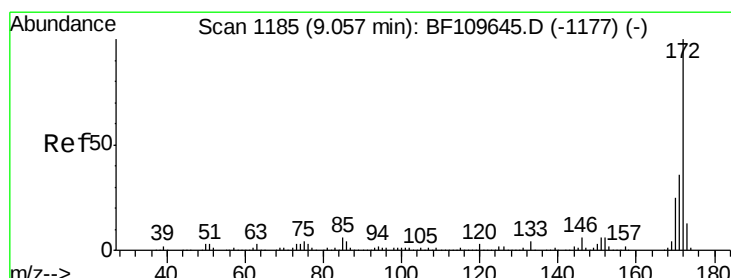
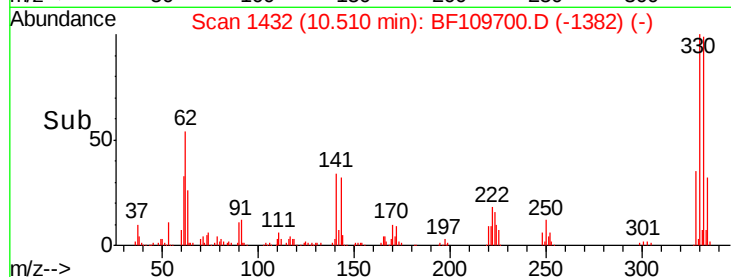
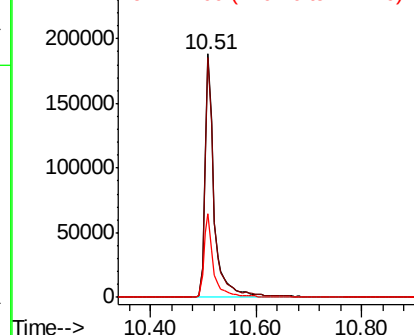


Abundance

Ion 329.80 (329.50 to 330.50): E

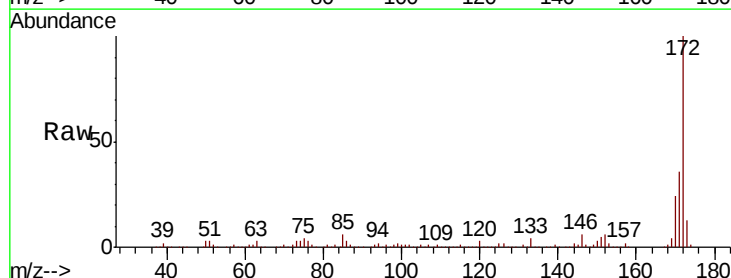
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 71.699 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109700.D
 Acq: 9 Oct 2018 17:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	24.1	19.7	29.5

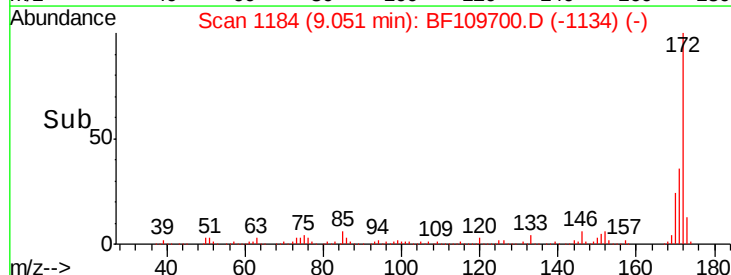
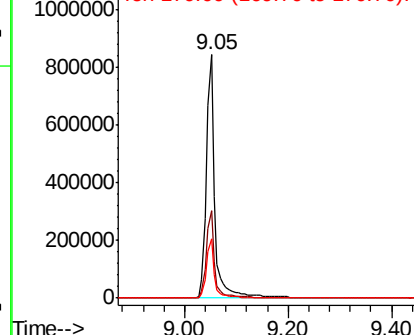


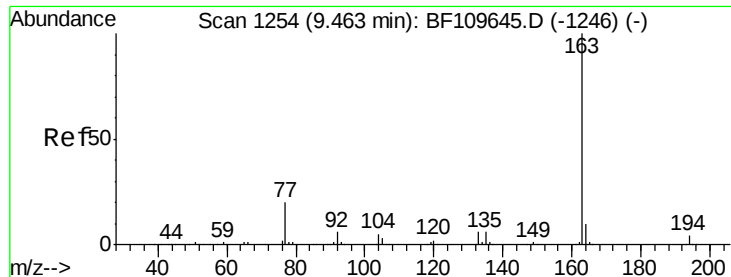
Abundance

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

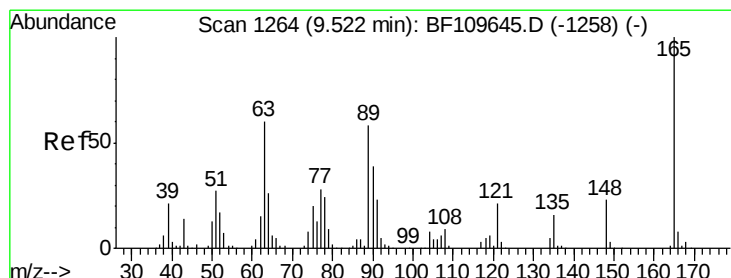
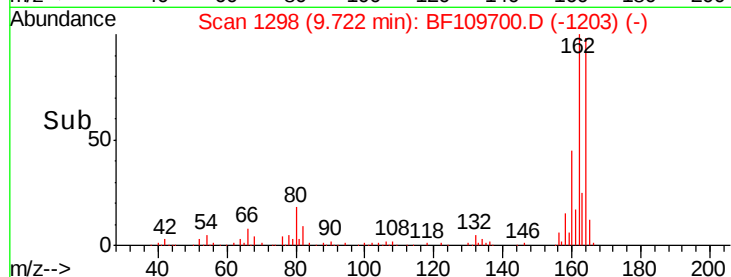
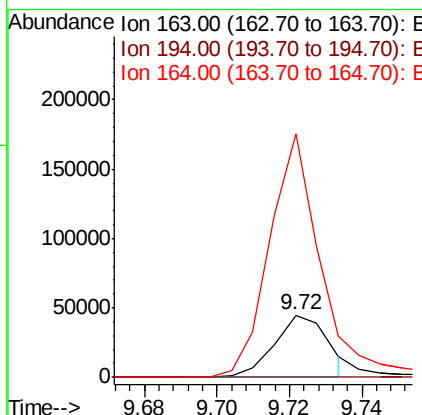
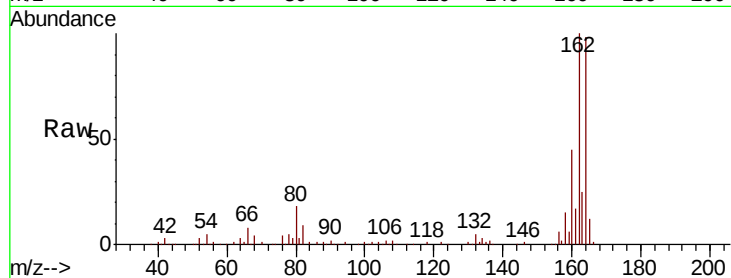




#49
 Dimethylphthalate
 Concen: 3.345 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. 0.26 min
 Lab File: BF109700.D
 Acq: 9 Oct 2018 17:39

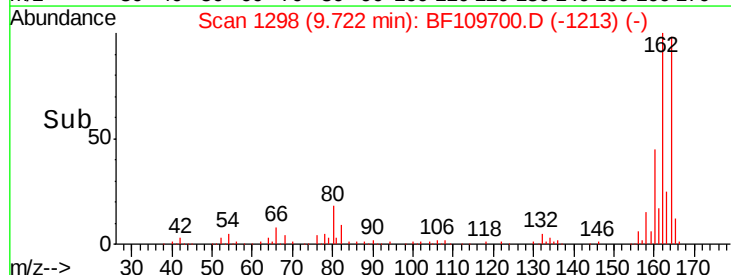
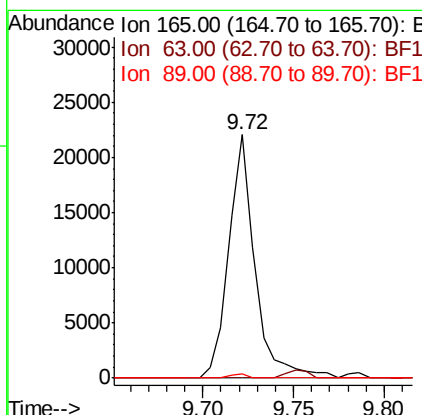
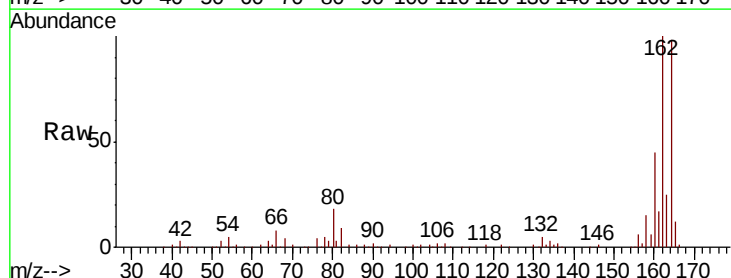
Instrument :
 BNA_F
 ClientSampleId :

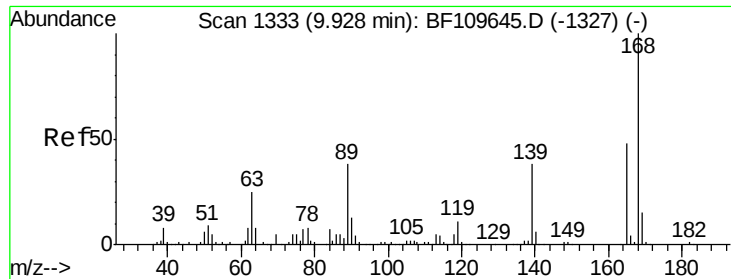
Tot Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.2	4.8#
164	393.3	8.1	12.1#



#50
 2,6-Dinitrotoluene
 Concen: 7.572 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. 0.20 min
 Lab File: BF109700.D
 Acq: 9 Oct 2018 17:39

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	1.7	46.6	69.8#

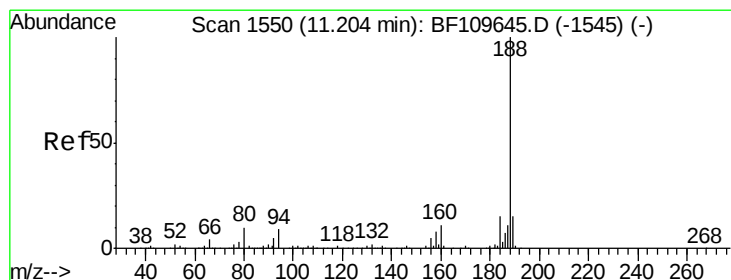
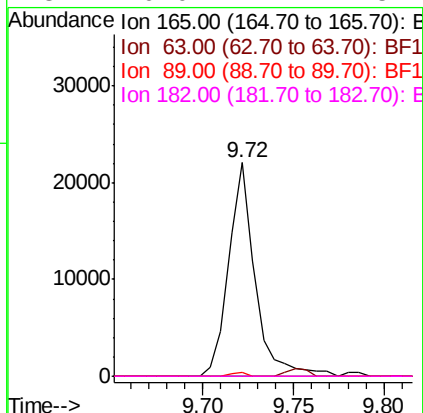
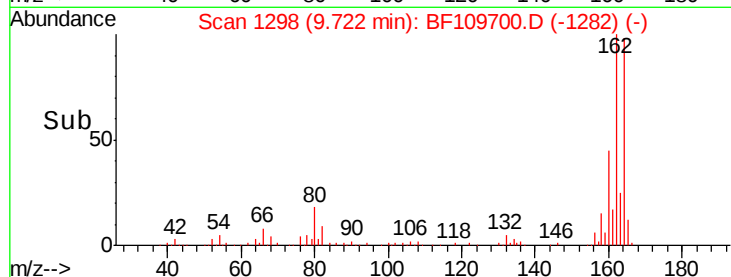
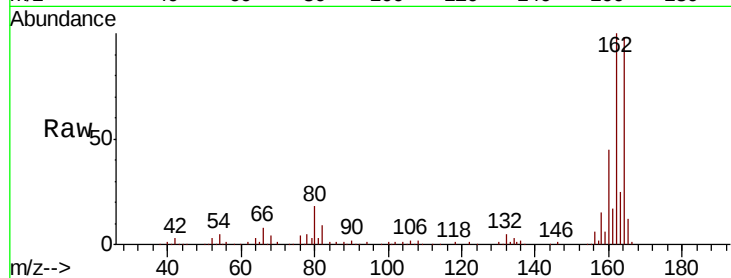




#56
2,4-Dinitrotoluene
Concen: 6.068 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.21 min
Lab File: BF109700.D
Acq: 9 Oct 2018 17:39

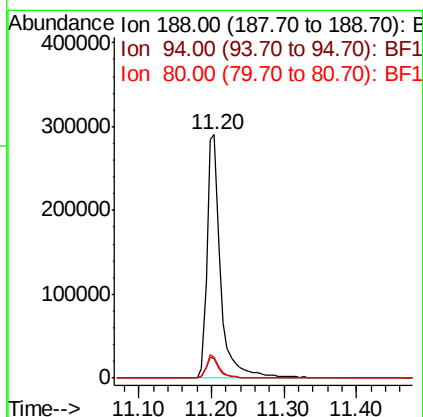
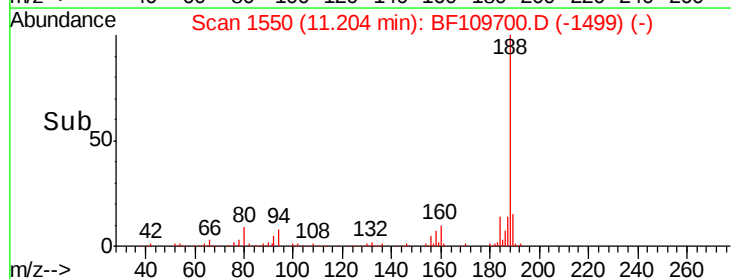
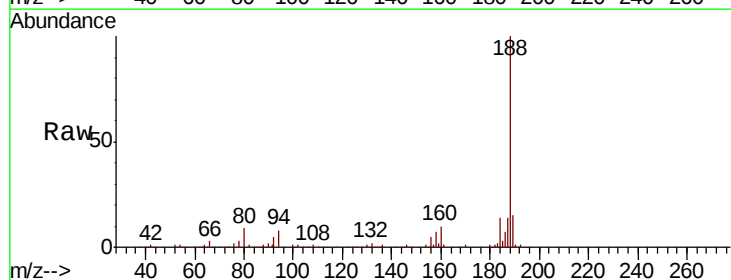
Instrument :
BNA_F
ClientSampleId :

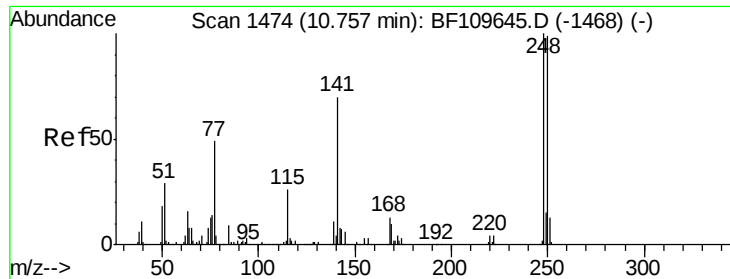
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	1.7	62.2	93.4#
182	0.0	2.1	3.1#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF109700.D
Acq: 9 Oct 2018 17:39

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.2	10.8
80	8.8	7.9	11.9

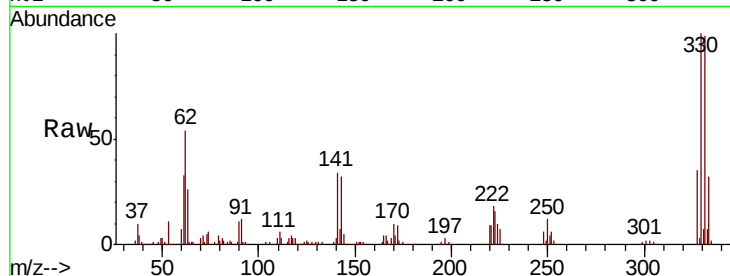




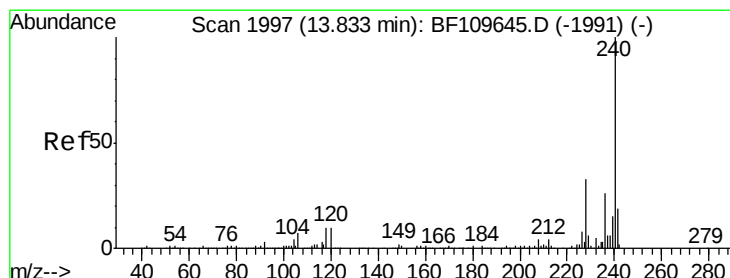
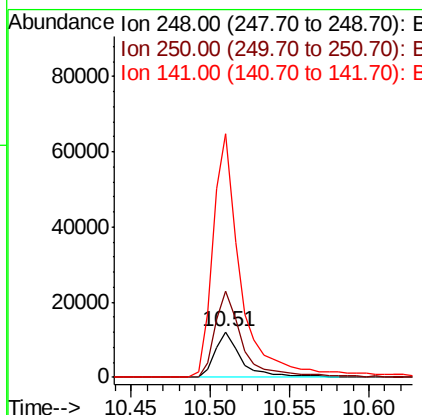
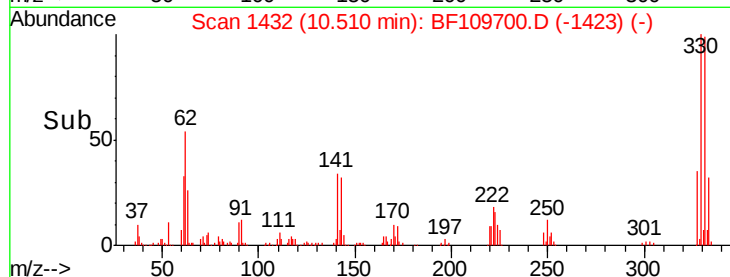
#66
4-Bromophenyl-phenylether
Concen: 3.239 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.25 min
Lab File: BF109700.D
Acq: 9 Oct 2018 17:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 14103
Ion Ratio Lower Upper
248 100
250 189.4 79.4 119.2#
141 534.3 55.9 83.9#

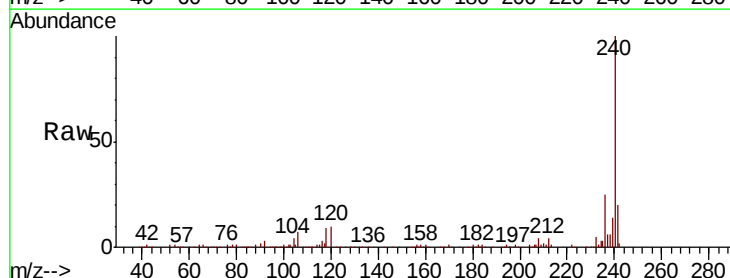


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

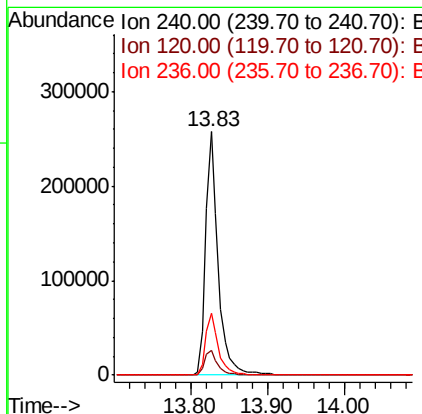
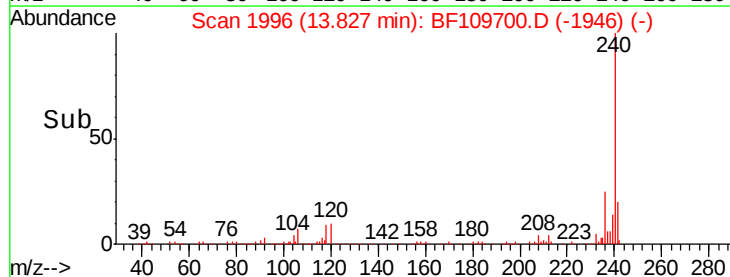


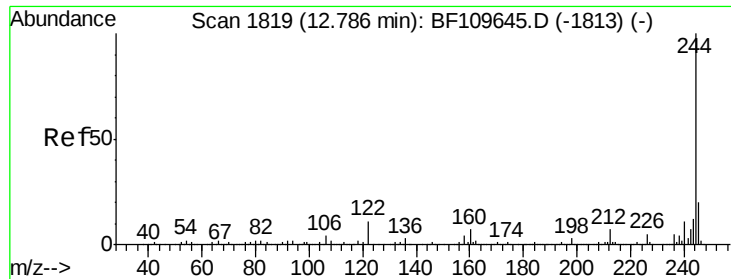
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109700.D
Acq: 9 Oct 2018 17:39

Tgt Ion:240 Resp: 290120
Ion Ratio Lower Upper
240 100
120 10.3 8.3 12.5
236 25.5 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



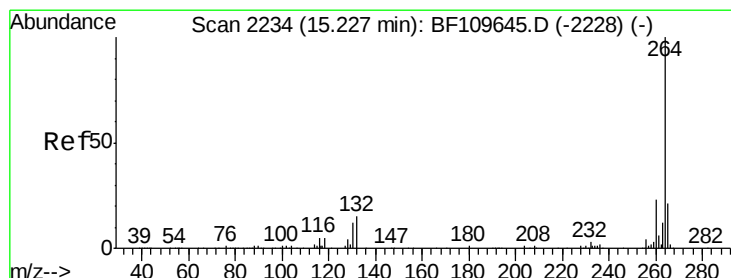
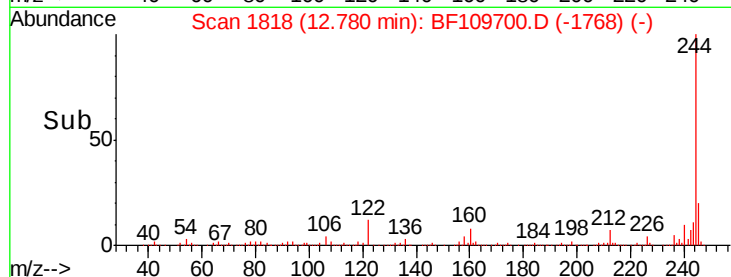
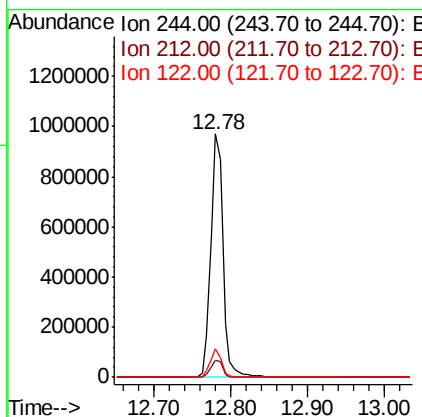
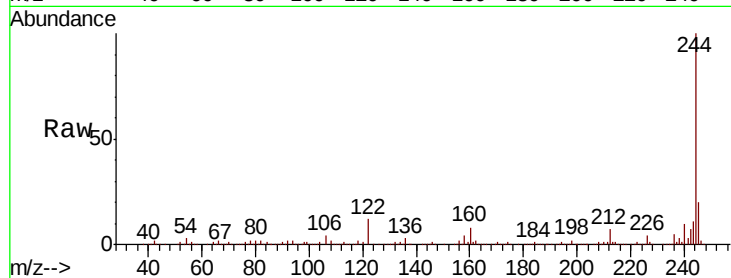


#78
 Terphenyl-d14
 Concen: 70.447 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.01 min
 Lab File: BF109700.D
 Acq: 9 Oct 2018 17:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1055773

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	12.0	8.7	13.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.22 min Scan# 2233
 Delta R.T. -0.01 min
 Lab File: BF109700.D
 Acq: 9 Oct 2018 17:39

Tgt Ion:264 Resp: 217772

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.7	28.1
265	22.4	16.7	25.1

