

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101218\
 Data File : BF109862.D
 Acq On : 13 Oct 2018 4:39
 Operator : JU/SJ
 Sample : J5444-05
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 15 01:19:46 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	6.69	152	91268	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	356477	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	149370	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	229885	20.00	ng	0.00
75) Chrysene-d12	13.83	240	193350	20.00	ng	0.00
86) Perylene-d12	15.23	264	146958	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.31	112	227949	44.33	ng	-0.01
7) Phenol-d6	6.34	99	178536	25.99	ng	-0.02
23) Nitrobenzene-d5	7.26	82	710387	109.85	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	137003	84.18	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	1223859	112.84	ng	0.00
78) Terphenyl-d14	12.78	244	835236	83.62	ng	0.00

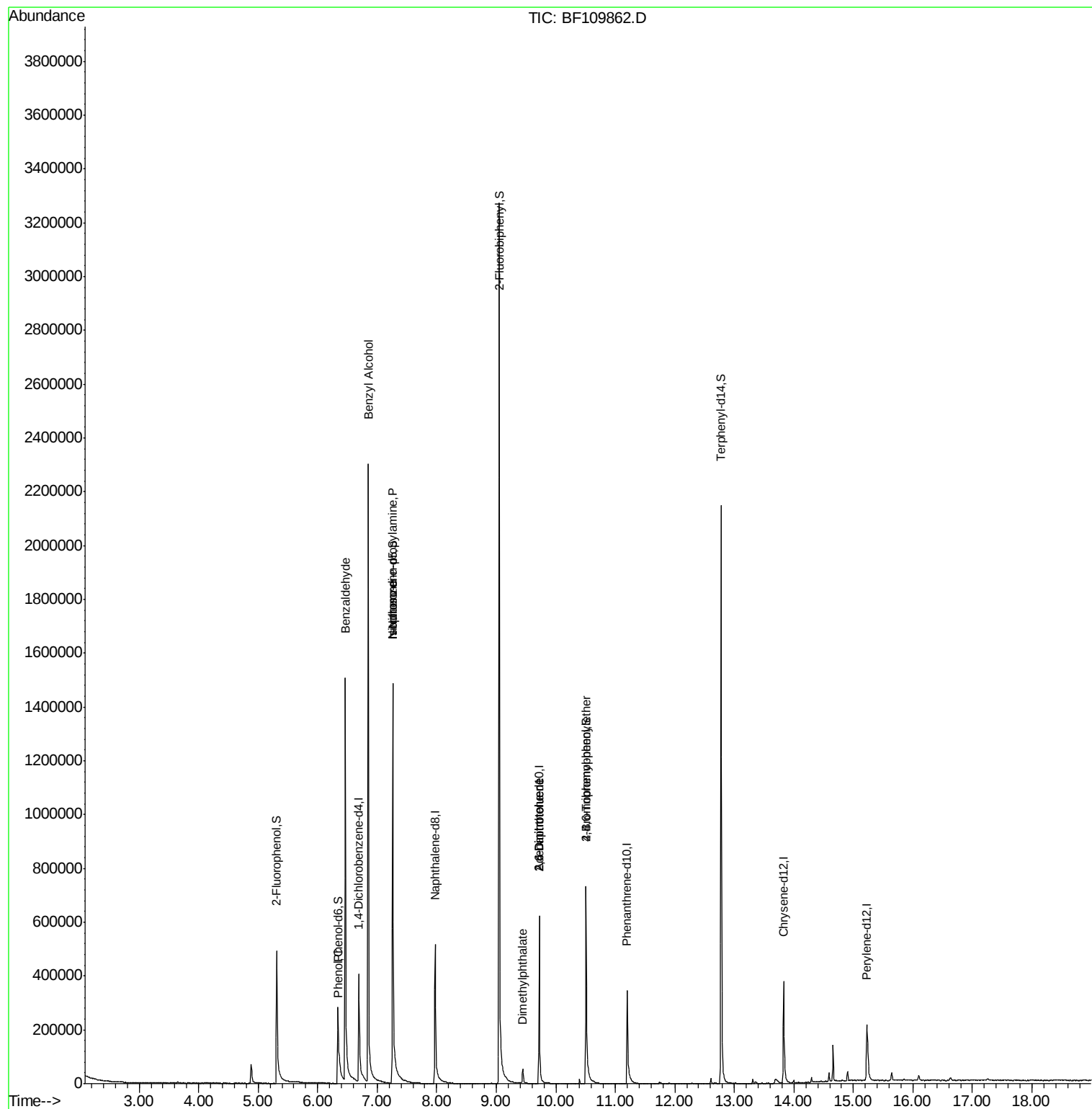
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.46	77	11356	2.569	ng	# 73
10) Phenol	6.36	94	18988	2.411	ng	# 86
15) Benzyl Alcohol	6.85	79	10589	2.079	ng	# 48
19) n-Nitroso-di-n-propylamine	7.26	70	92500	19.203	ng	# 77
25) Isophorone	7.26	82	710382	66.152	ng	# 67
49) Dimethylphthalate	9.45	163	35832	3.271	ng	# 99
50) 2,6-Dinitrotoluene	9.72	165	18185	7.658	ng	# 21
56) 2,4-Dinitrotoluene	9.72	165	18185	6.136	ng	# 17
66) 4-Bromophenyl-phenylether	10.51	248	7708	2.918	ng	# 1

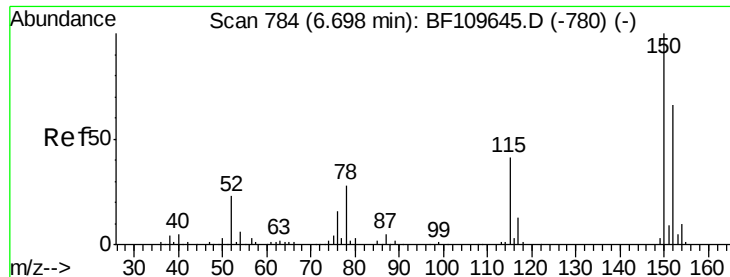
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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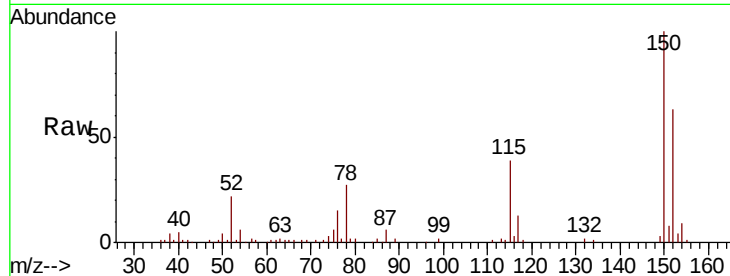


#1

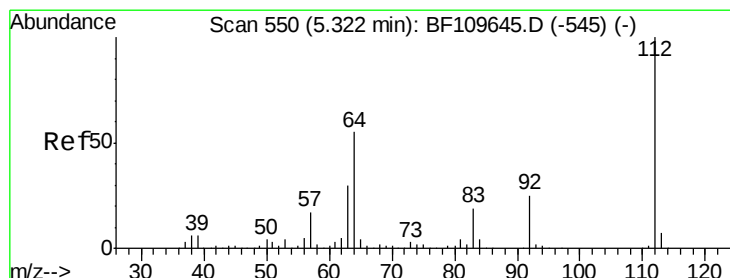
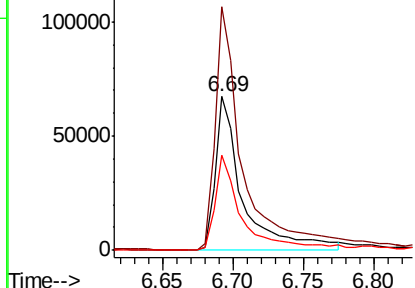
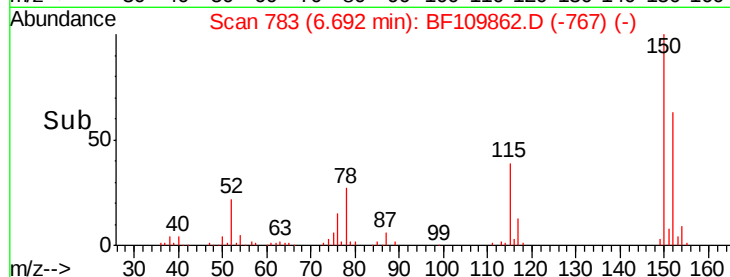
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF109862.D
Acq: 13 Oct 2018 4:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	122.7	184.1
115	62.0	49.1	73.7



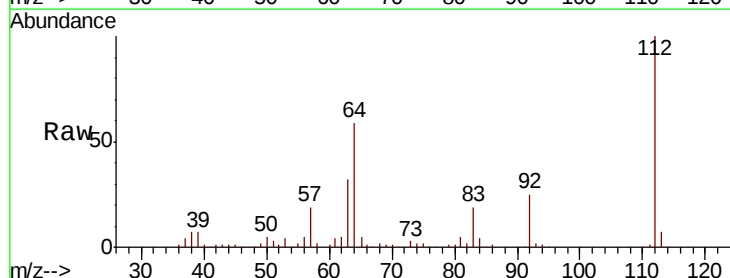
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



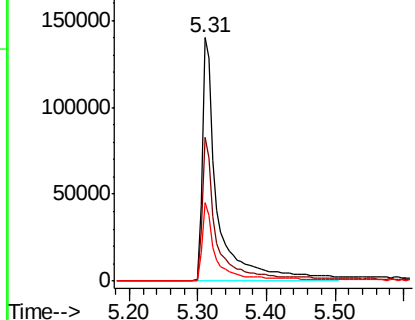
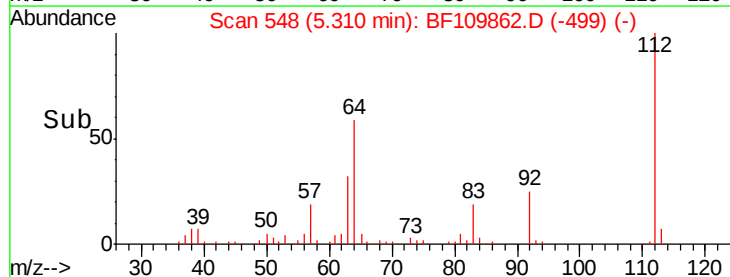
#5

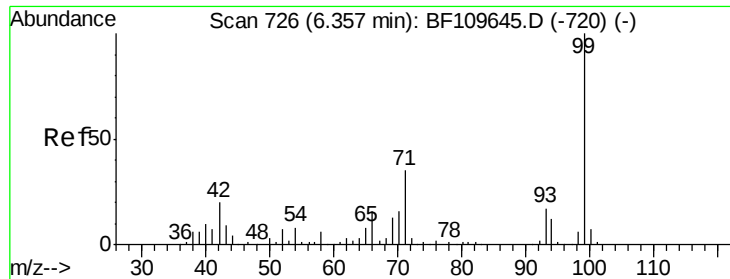
2-Fluorophenol
Concen: 44.333 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109862.D
Acq: 13 Oct 2018 4:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.8	44.1	66.1
63	32.2	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: 25.992 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109862.D

Acq: 13 Oct 2018 4:39

Instrument :

BNA_F

ClientSampled :

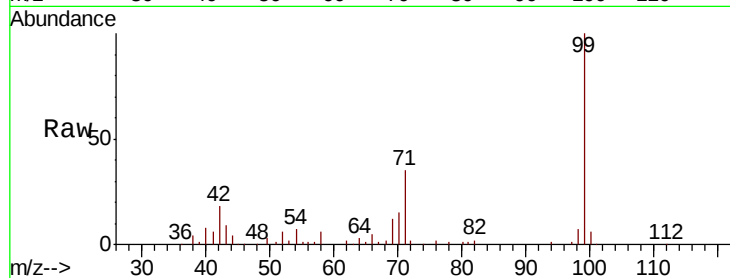
Tot Ion: 99 Resp: 178536

Ion Ratio Lower Upper

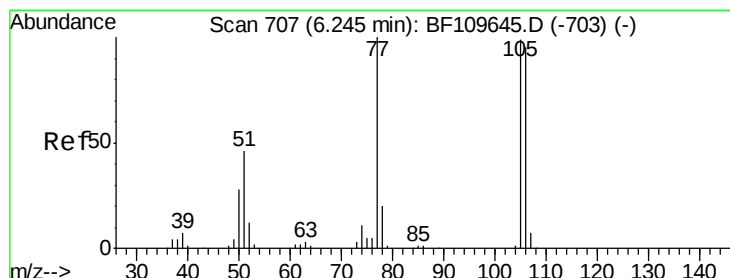
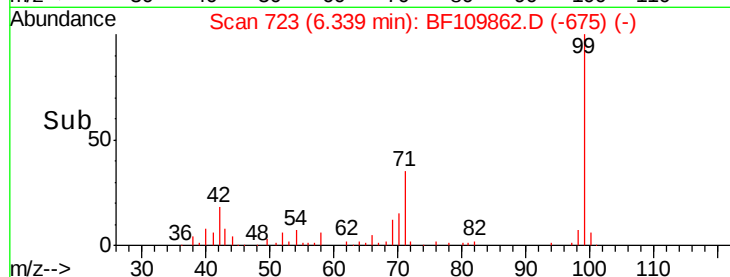
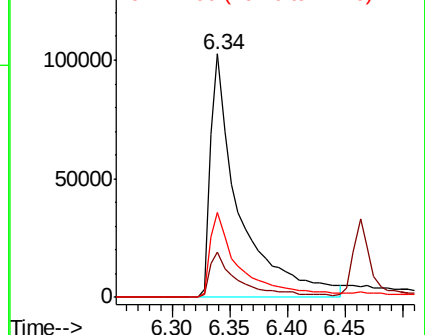
99 100

42 18.4 15.8 23.6

71 34.9 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



#9

Benzaldehyde

Concen: 2.569 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.22 min

Lab File: BF109862.D

Acq: 13 Oct 2018 4:39

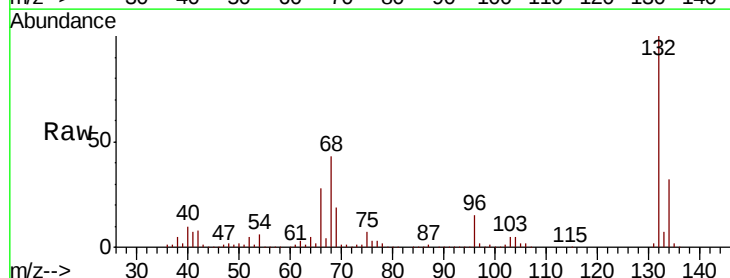
Tgt Ion: 77 Resp: 11356

Ion Ratio Lower Upper

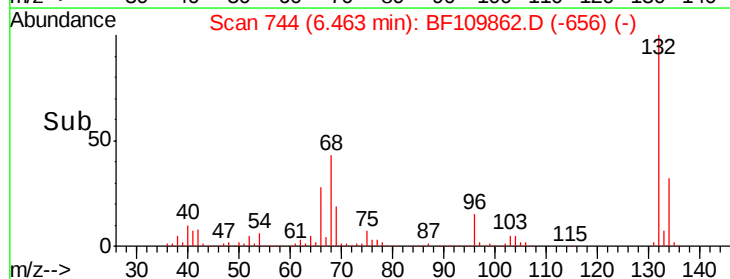
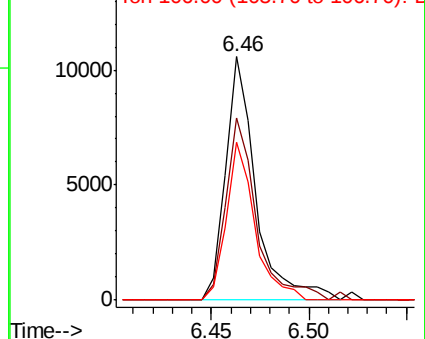
77 100

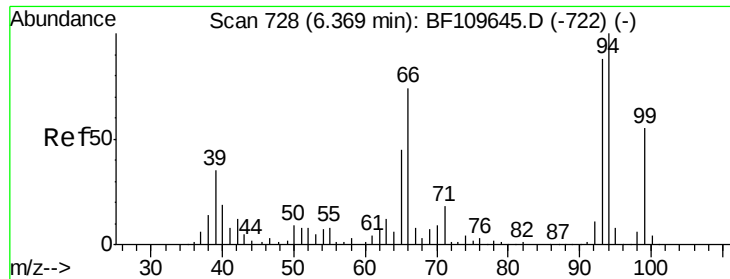
105 74.7 78.6 118.6#

106 64.9 74.8 114.8#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 2.411 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF109862.D

Acq: 13 Oct 2018 4:39

Instrument :

BNA_F

ClientSampleId :

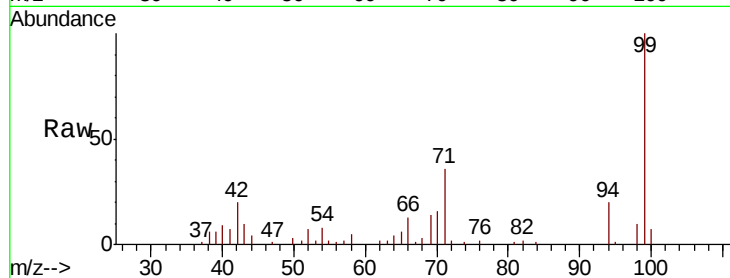
Tot Ion: 94 Resp: 18988

Ion Ratio Lower Upper

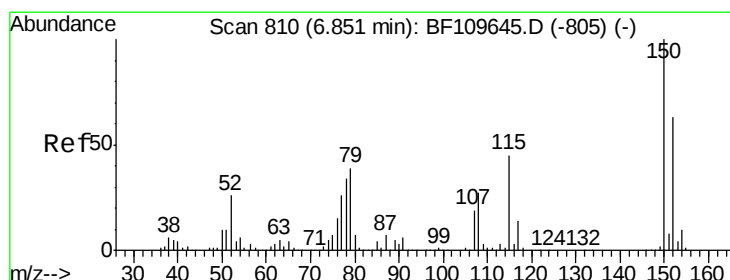
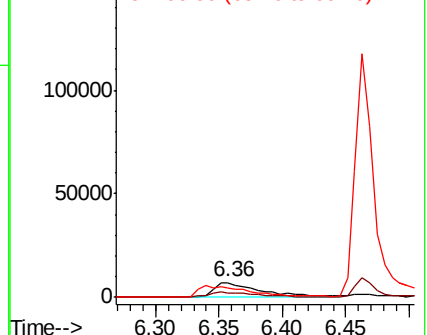
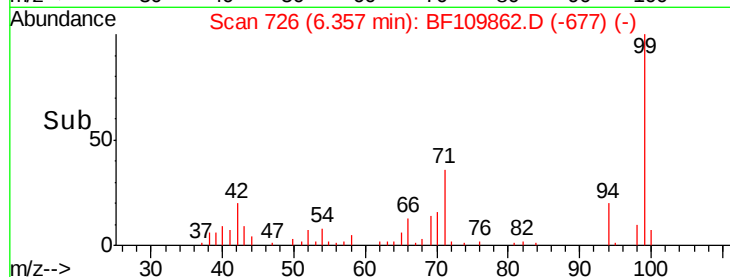
94 100

65 32.1 25.3 65.3

66 65.3 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



#15

Benzyl Alcohol

Concen: 2.079 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF109862.D

Acq: 13 Oct 2018 4:39

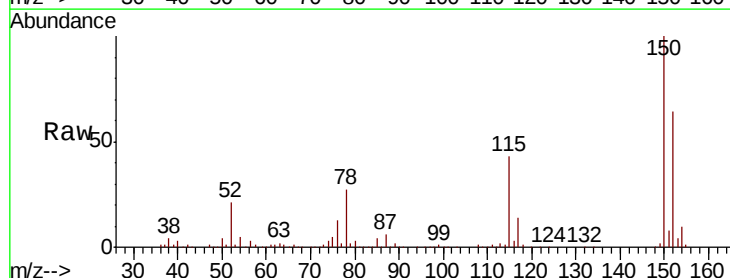
Tgt Ion: 79 Resp: 10589

Ion Ratio Lower Upper

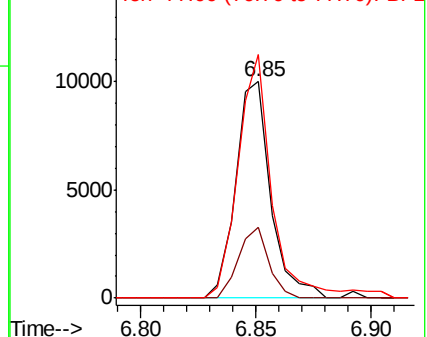
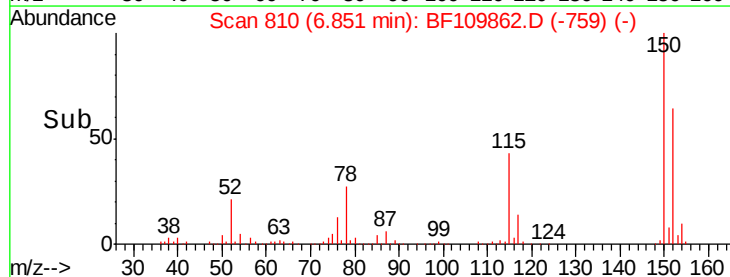
79 100

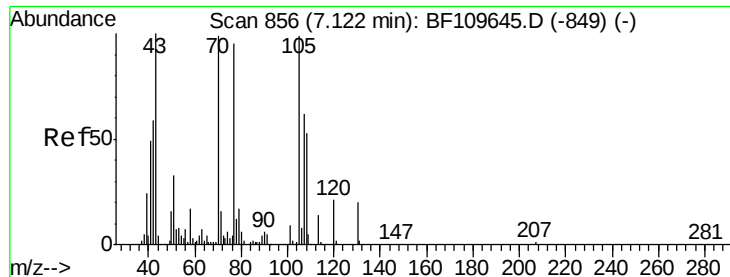
108 32.5 56.3 84.5#

77 112.6 52.9 79.3#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1

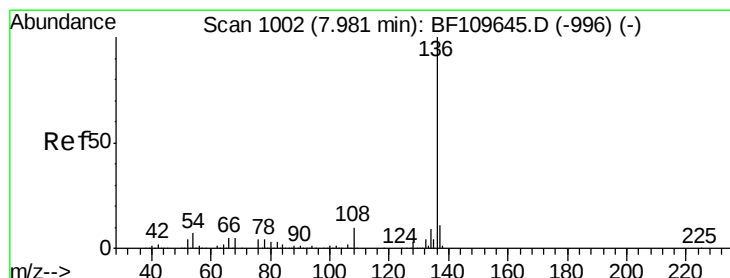
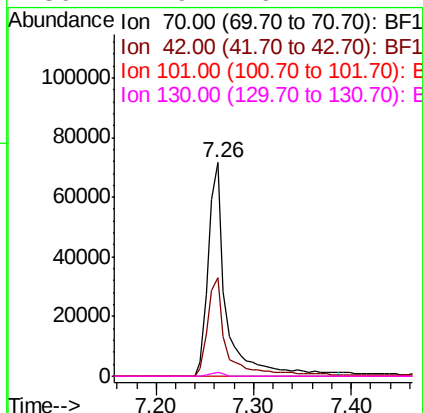
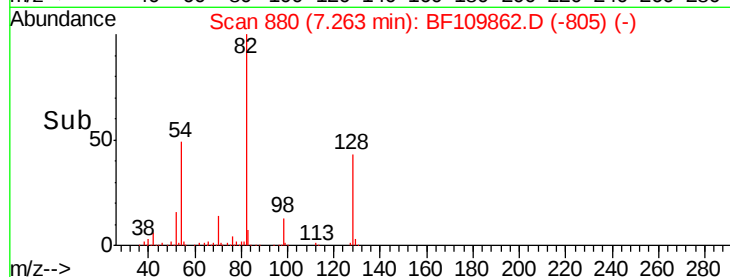
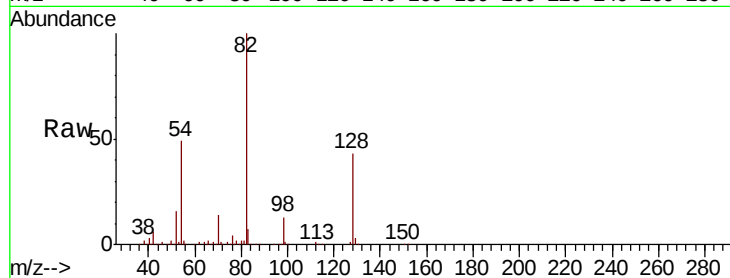




#19
n-Nitroso-di-n-propylamine
Concen: 19.203 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.14 min
Lab File: BF109862.D
Acq: 13 Oct 2018 4:39

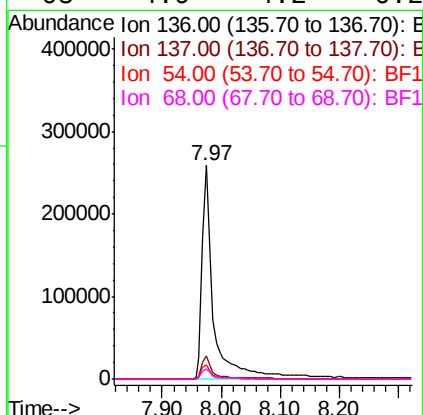
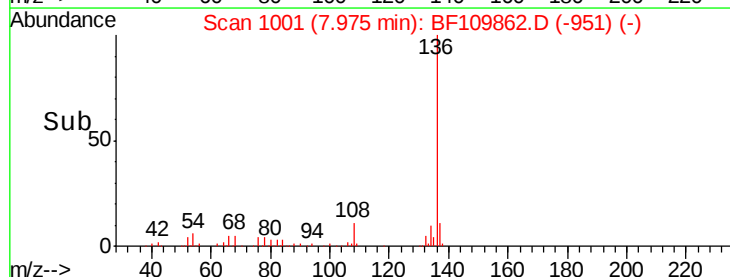
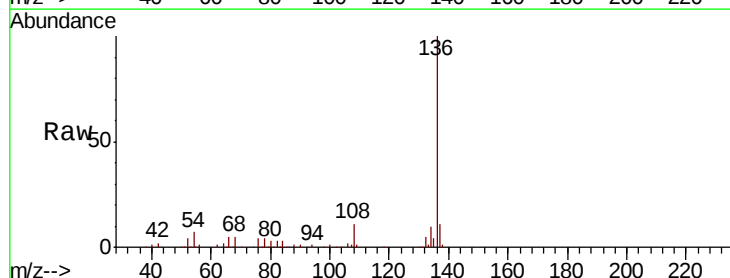
Instrument :
BNA_F
ClientSampleId :

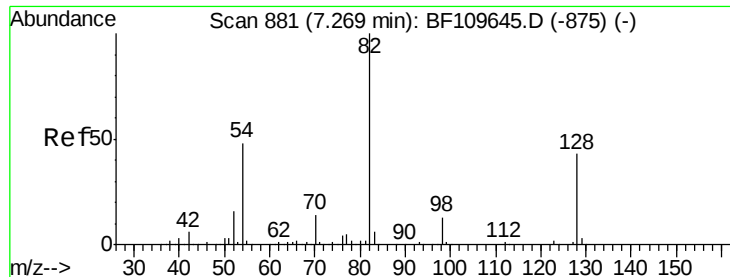
Tot Ion: 70 Resp: 92500
Ion Ratio Lower Upper
70 100
42 46.3 47.4 71.2#
101 0.0 7.3 10.9#
130 1.9 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109862.D
Acq: 13 Oct 2018 4:39

Tgt Ion: 136 Resp: 356477
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.6 5.4 8.2
68 4.9 4.2 6.2

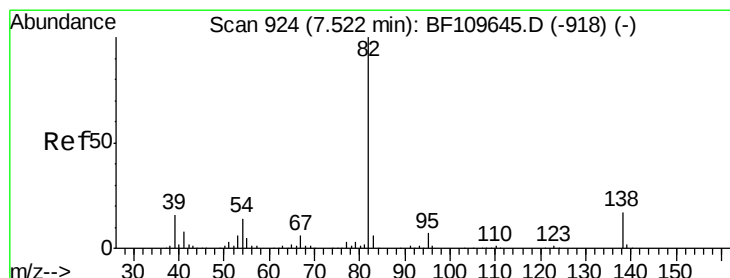
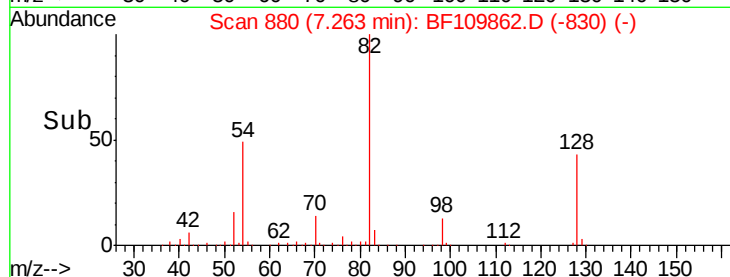
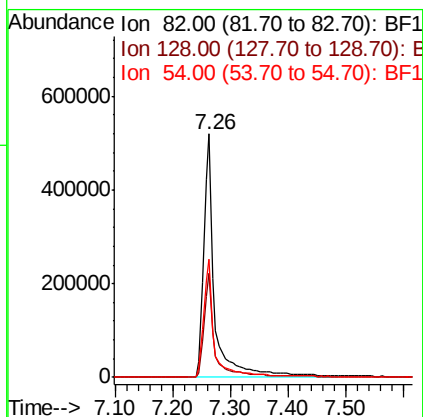
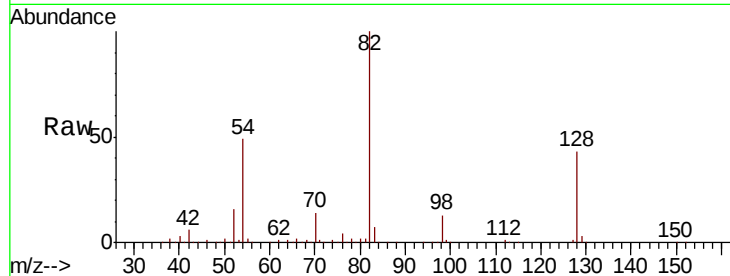




#23
Nitrobenzene-d5
Concen: 109.850 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF109862.D
Acq: 13 Oct 2018 4:39

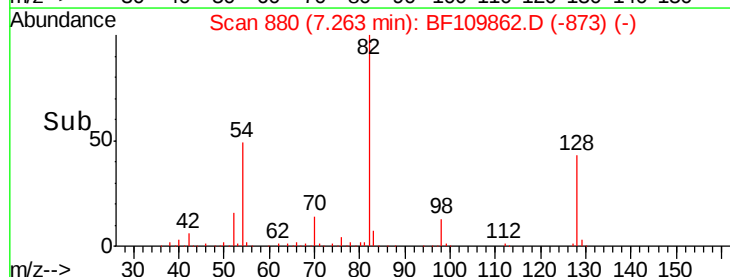
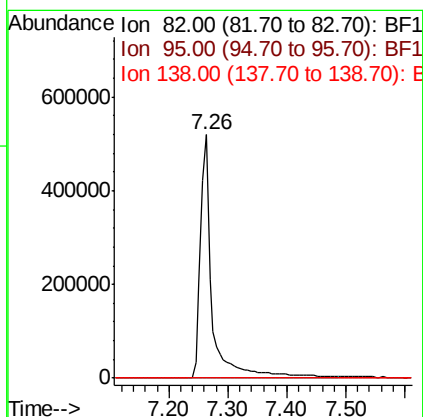
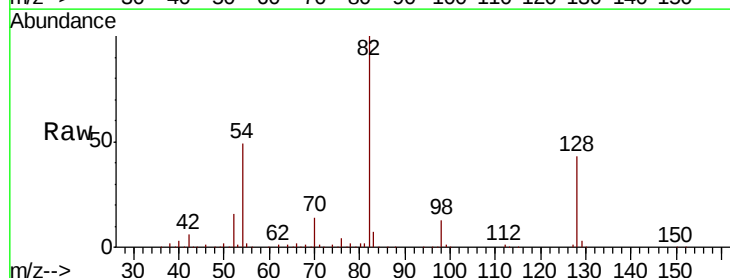
Instrument :
BNA_F
ClientSampleId :

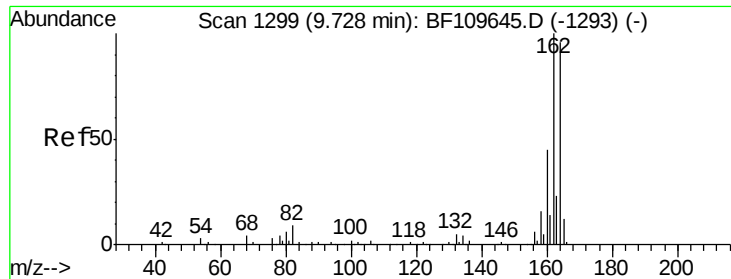
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.9	34.2	51.2
54	48.5	38.6	58.0



#25
Isophorone
Concen: 66.152 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.26 min
Lab File: BF109862.D
Acq: 13 Oct 2018 4:39

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#

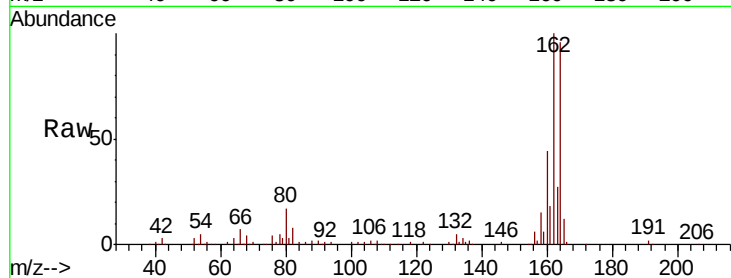




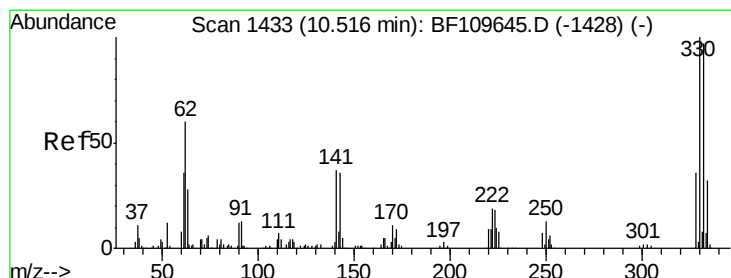
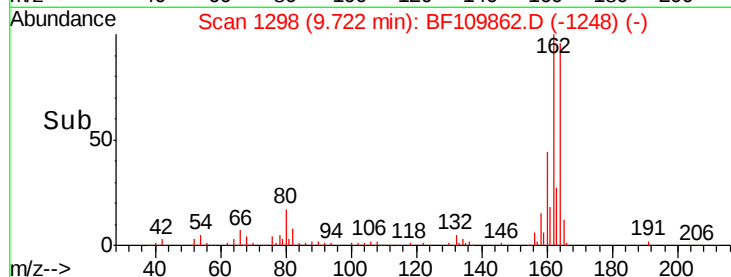
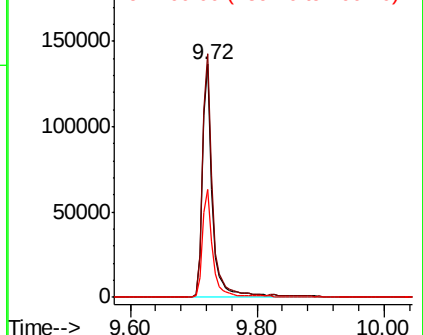
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109862.D
 Acq: 13 Oct 2018 4:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 149370
 Ion Ratio Lower Upper
 164 100
 162 104.4 83.0 124.6
 160 46.5 37.0 55.6

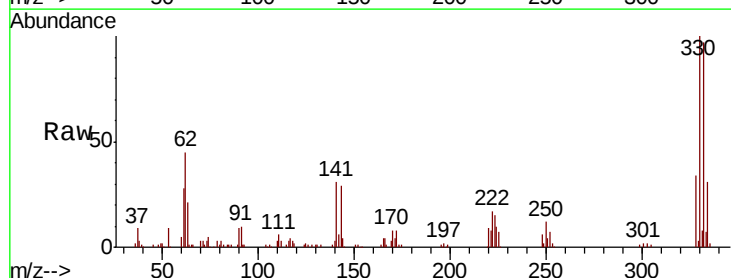


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

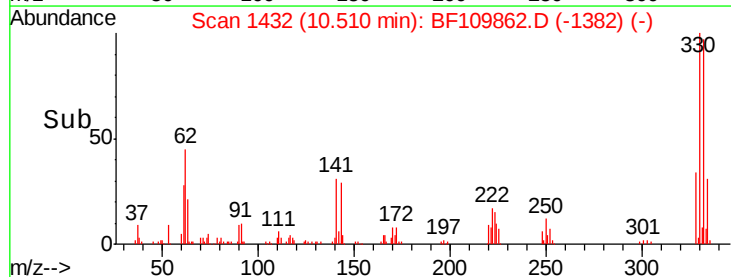
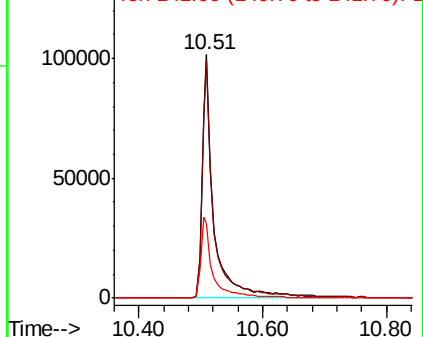


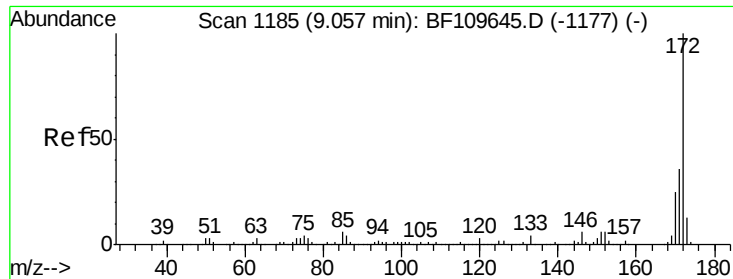
#41
 2,4,6-Tribromophenol
 Concen: 84.178 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109862.D
 Acq: 13 Oct 2018 4:39

Tgt Ion:330 Resp: 137003
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.1 115.7
 141 34.7 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

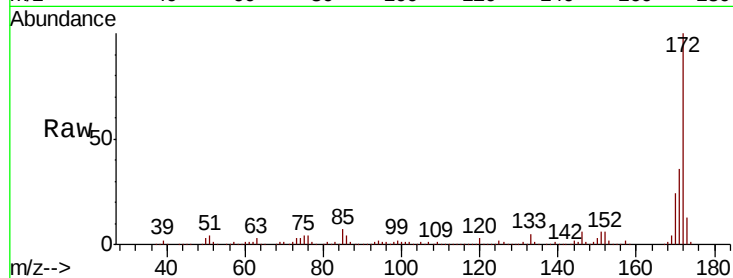




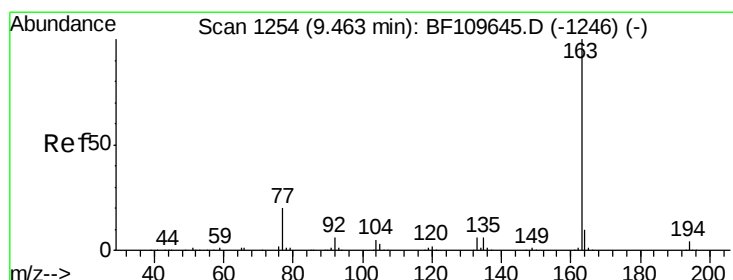
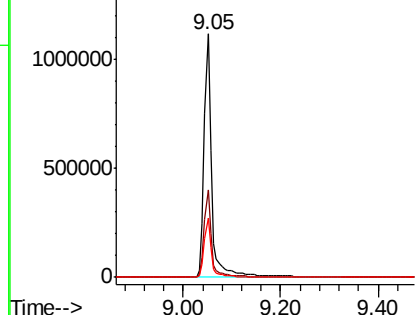
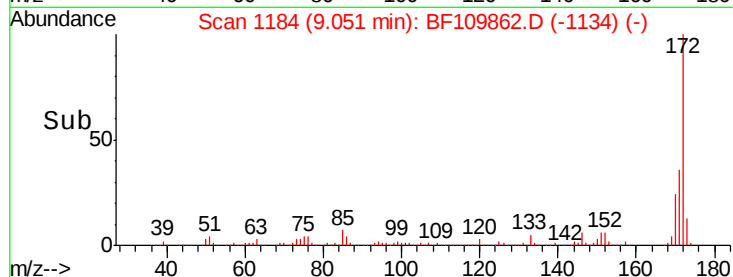
#44
2-Fluorobiphenyl
Concen: 112.845 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF109862.D
Acq: 13 Oct 2018 4:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1223859
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 24.2 19.7 29.5

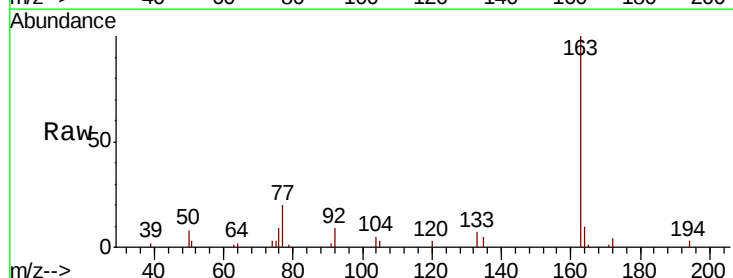


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

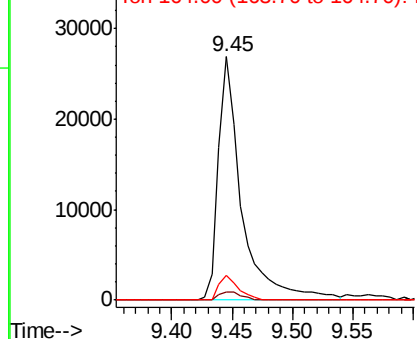
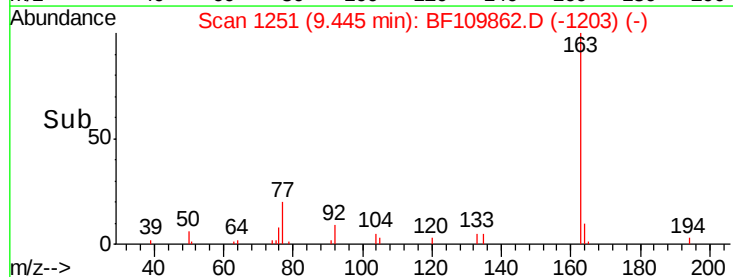


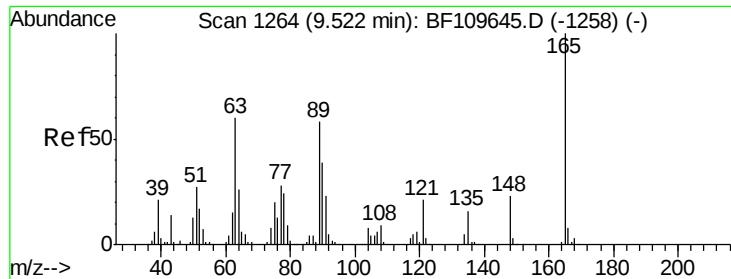
#49
Dimethylphthalate
Concen: 3.271 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF109862.D
Acq: 13 Oct 2018 4:39

Tgt Ion:163 Resp: 35832
Ion Ratio Lower Upper
163 100
194 3.4 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

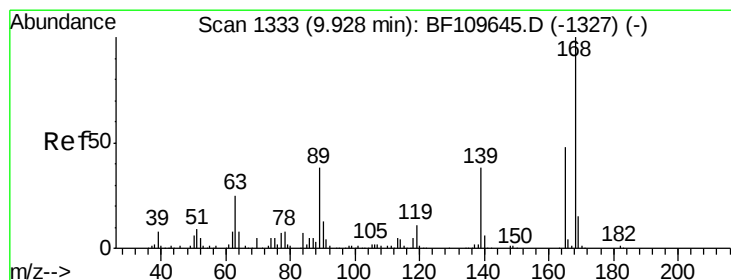
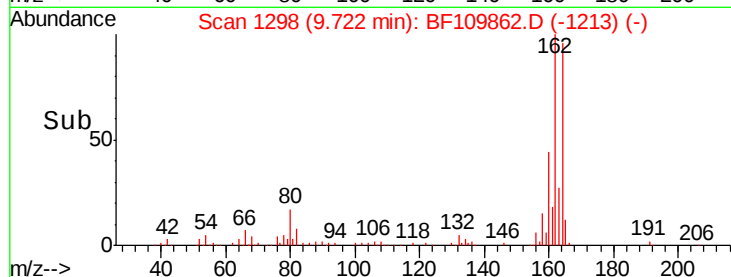
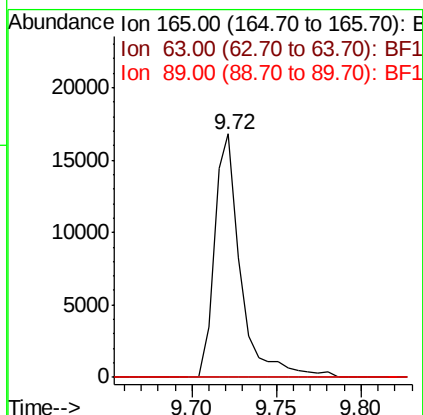
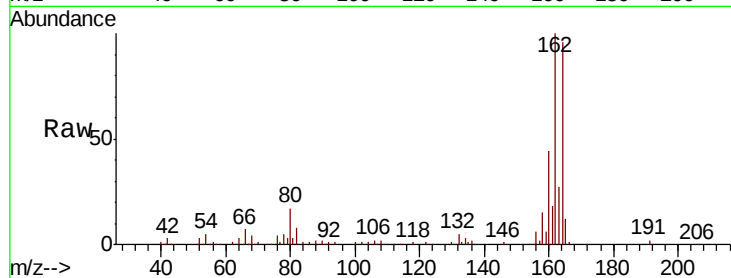




#50
 2,6-Dinitrotoluene
 Concen: 7.658 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. 0.20 min
 Lab File: BF109862.D
 Acq: 13 Oct 2018 4:39

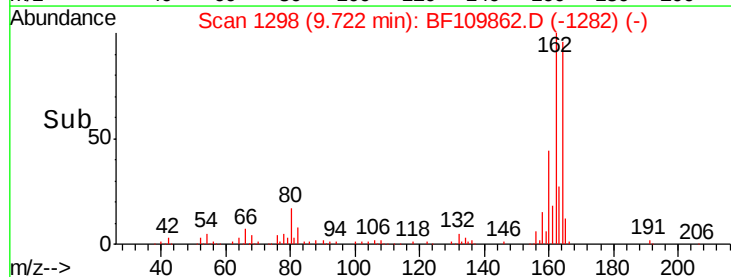
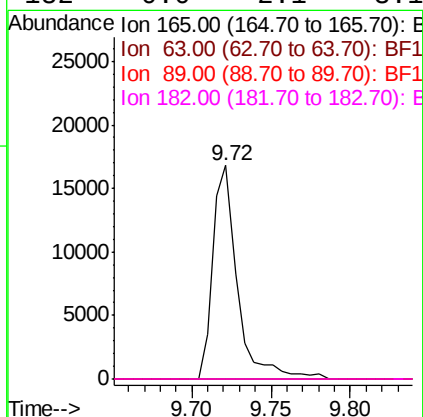
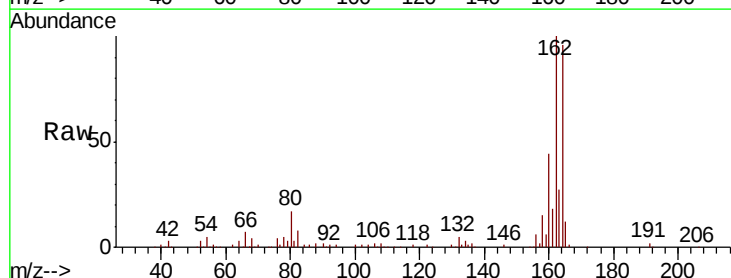
Instrument :
 BNA_F
 ClientSampleId :

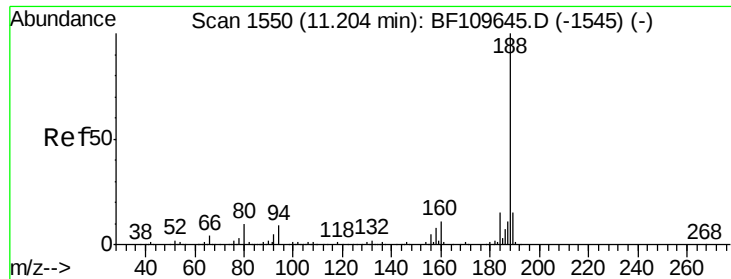
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	0.0	46.6	69.8#



#56
 2,4-Dinitrotoluene
 Concen: 6.136 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.21 min
 Lab File: BF109862.D
 Acq: 13 Oct 2018 4:39

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

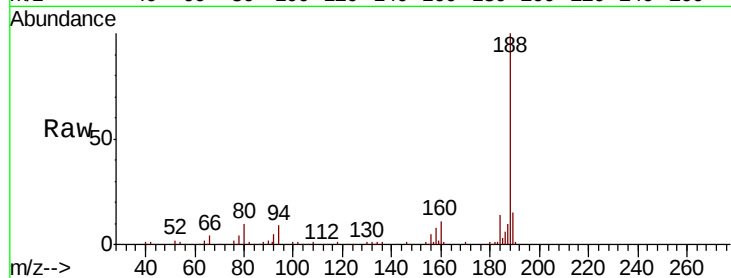




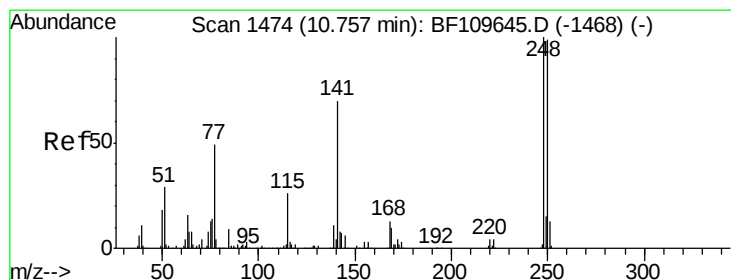
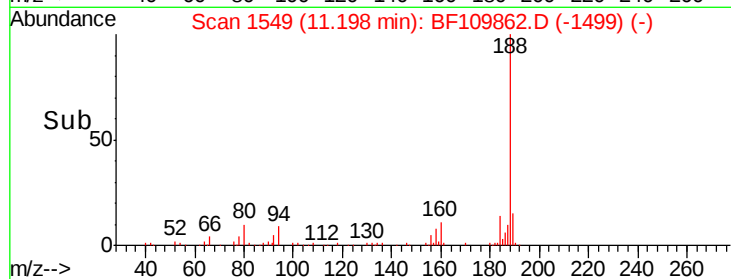
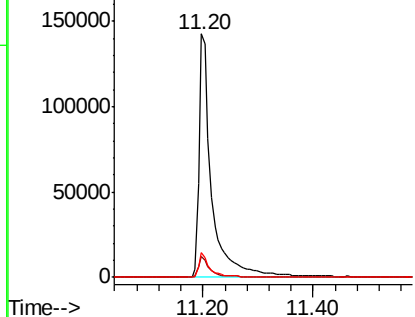
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109862.D
Acq: 13 Oct 2018 4:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 229885
Ion Ratio Lower Upper
188 100
94 8.8 7.2 10.8
80 10.0 7.9 11.9

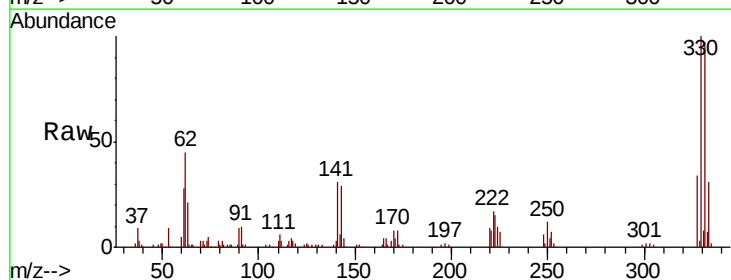


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

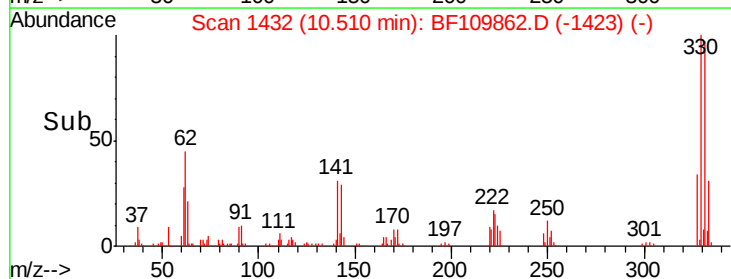
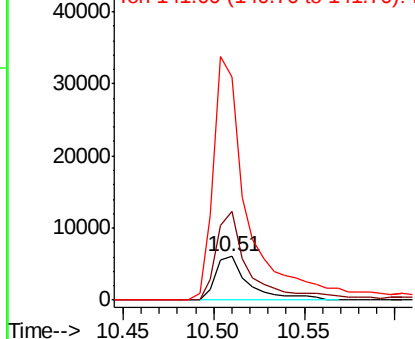


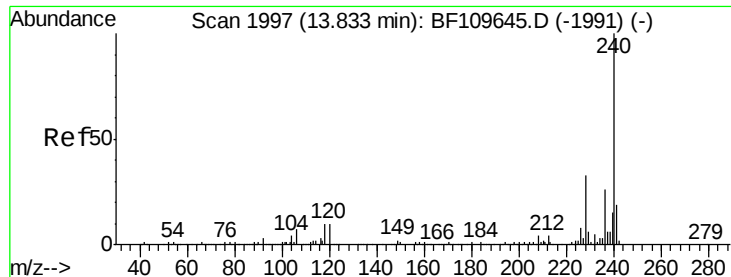
#66
4-Bromophenyl-phenylether
Concen: 2.918 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.25 min
Lab File: BF109862.D
Acq: 13 Oct 2018 4:39

Tgt Ion:248 Resp: 7708
Ion Ratio Lower Upper
248 100
250 201.0 79.4 119.2#
141 509.7 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: BF109862.D

Acq: 13 Oct 2018 4:39

Instrument :

BNA_F

ClientSampleId :

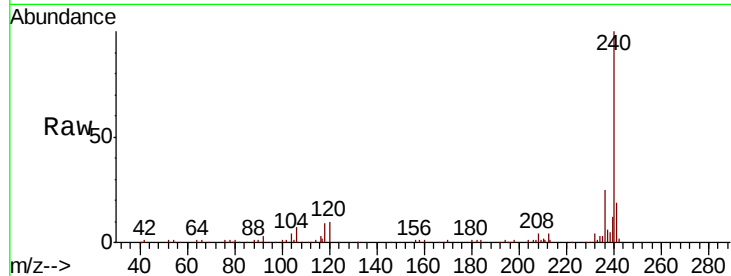
Tot Ion:240 Resp: 193350

Ion Ratio Lower Upper

240 100

120 10.0 8.3 12.5

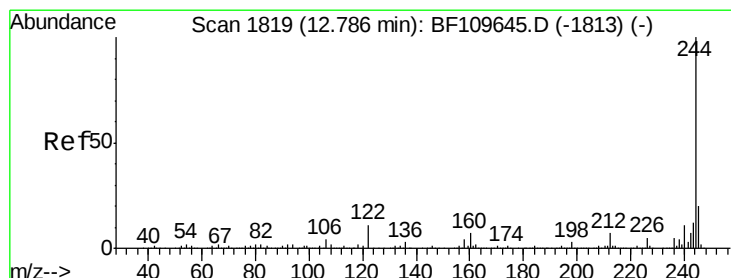
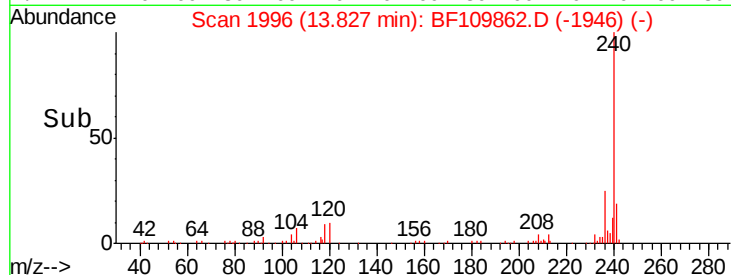
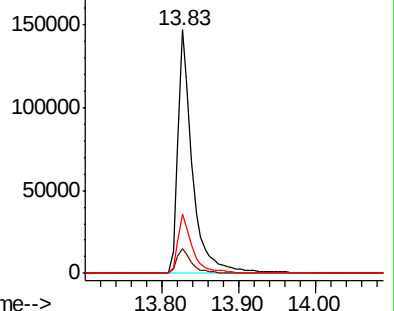
236 24.6 21.2 31.8



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: 83.625 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109862.D

Acq: 13 Oct 2018 4:39

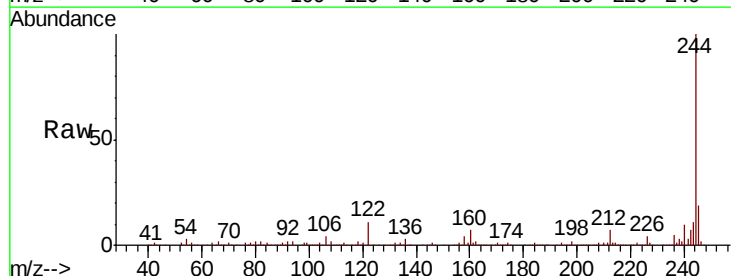
Tgt Ion:244 Resp: 835236

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

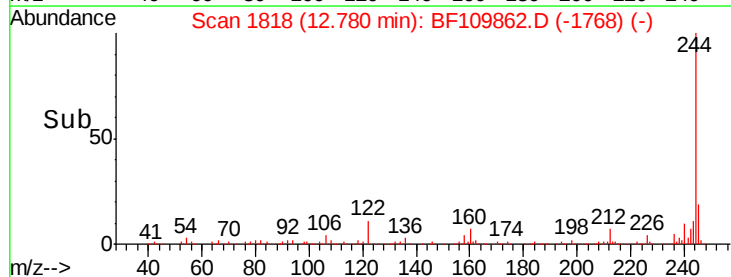
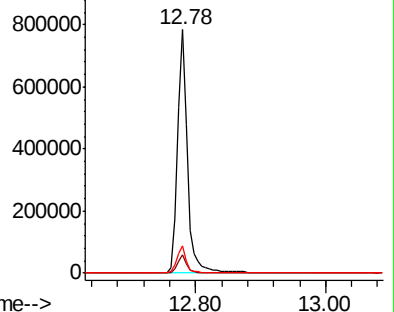
122 11.1 8.7 13.1

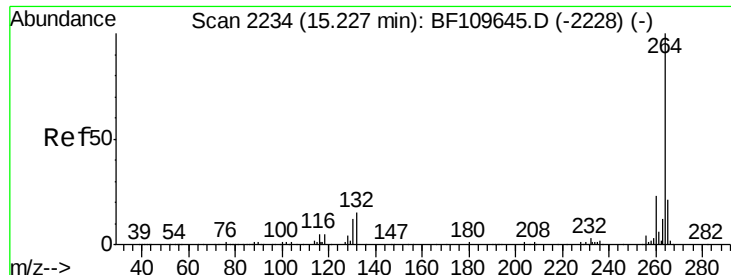


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

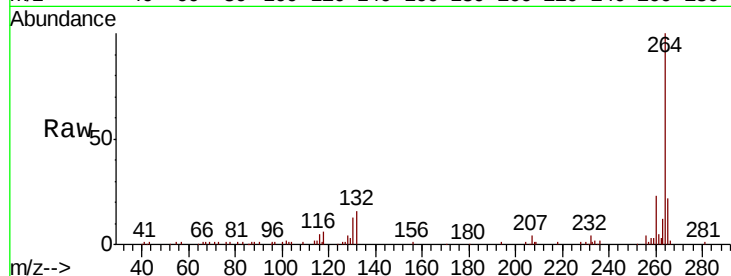




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2234
 Delta R.T. -0.00 min
 Lab File: BF109862.D
 Acq: 13 Oct 2018 4:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	22.0	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

