

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092717\
 Data File : BF098862.D
 Acq On : 27 Sep 2017 14:45
 Operator : SJ/JU
 Sample : I5434-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 28 01:49:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

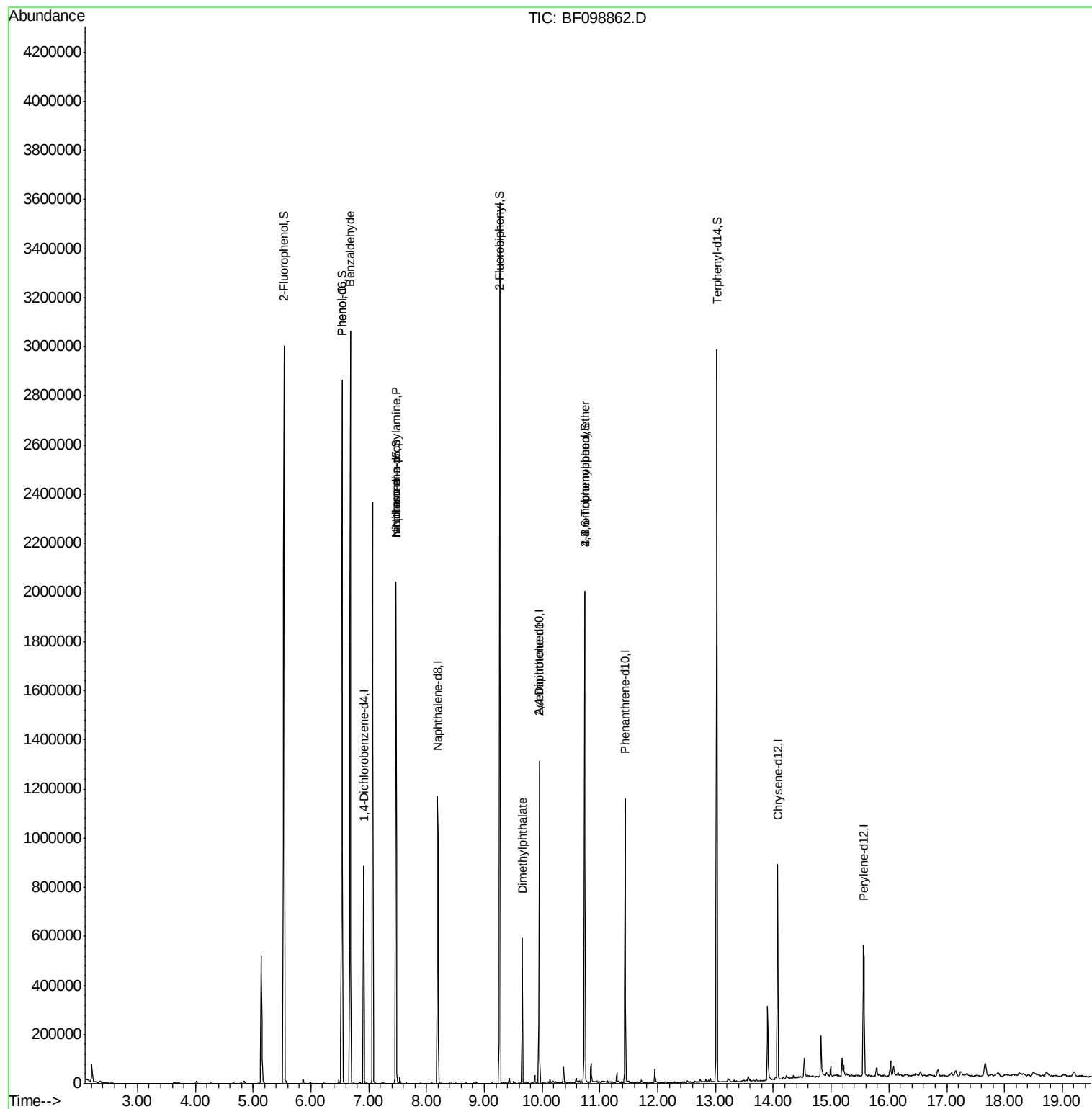
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	129748	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	532238	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	238345	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	410735	20.00	ng	0.00
75) Chrysene-d12	14.07	240	261378	20.00	ng	-0.01
86) Perylene-d12	15.56	264	233514	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	905129	111.05	ng	0.00
7) Phenol-d6	6.54	99	1127534	112.14	ng	0.00
23) Nitrobenzene-d5	7.47	82	661617	79.72	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	216379	110.95	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	1057270	74.05	ng	-0.01
78) Terphenyl-d14	13.02	244	933178	81.19	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.68	77	18727	3.21	ng	86
10) Phenol	6.55	94	37868	3.37	ng	# 71
19) n-Nitroso-di-n-propylamine	7.47	70	85664	13.34	ng	# 76
25) Isophorone	7.47	82	661608	38.56	ng	# 64
49) Dimethylphthalate	9.66	163	217658	12.10	ng	99
56) 2,4-Dinitrotoluene	9.95	165	30273	5.96	ng	# 24
66) 4-Bromophenyl-phenylether	10.74	248	15142	3.77	ng	# 1

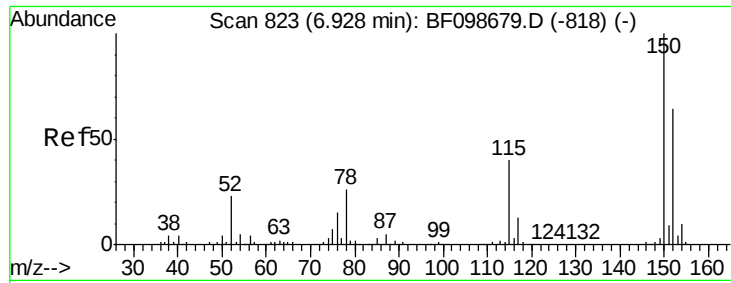
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092717\
Data File : BF098862.D
Acq On : 27 Sep 2017 14:45
Operator : SJ/JU
Sample : I5434-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 28 01:49:08 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration



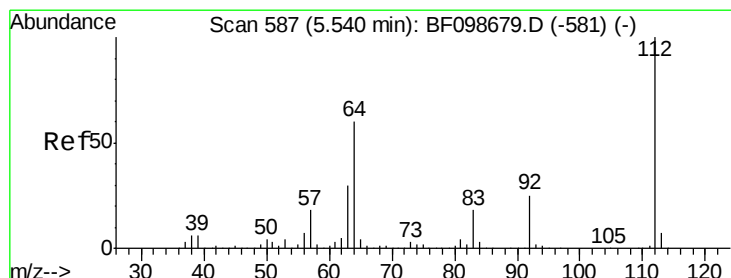
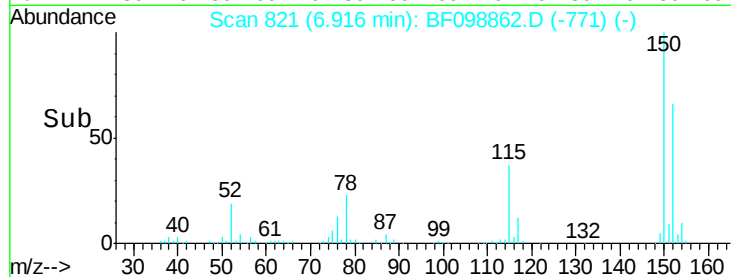
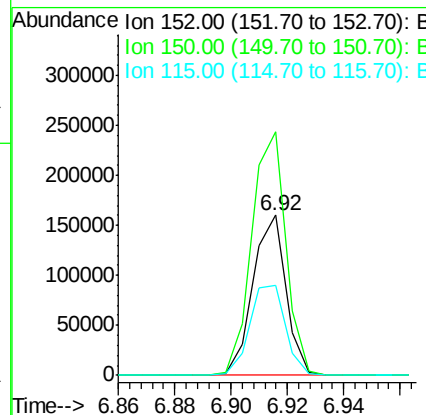
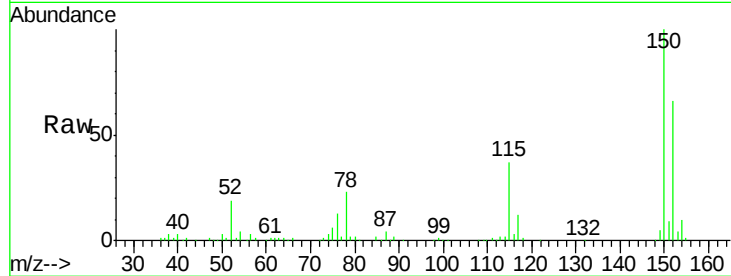


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF098862.D
 Acq: 27 Sep 2017 14:45

Instrument :
 BNA_F
 ClientSampleId :

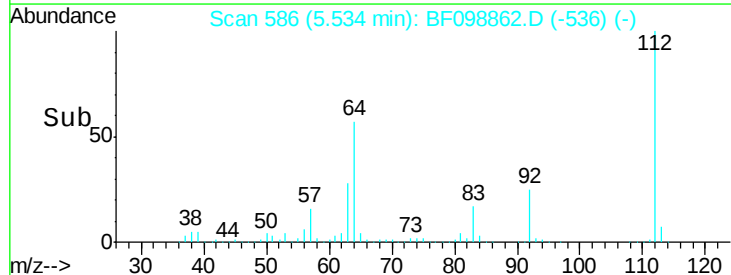
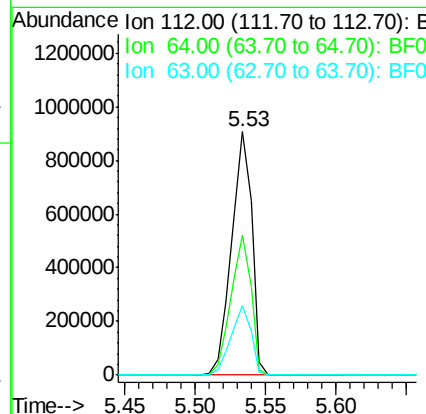
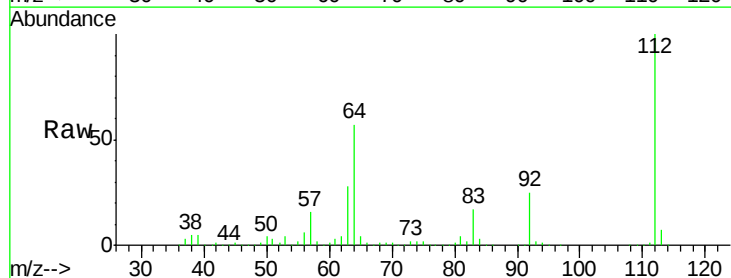
Tot Ion:152 Resp: 129748
 Ion Ratio Lower Upper
 152 100
 150 152.2 124.6 186.8
 115 55.9 50.1 75.1

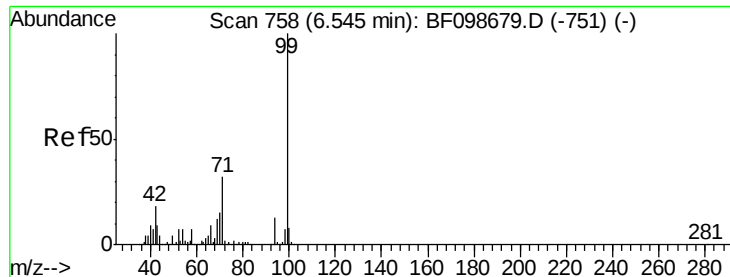


#5

2-Fluorophenol
 Concen: 111.05 ng
 RT: 5.53 min Scan# 586
 Delta R.T. -0.01 min
 Lab File: BF098862.D
 Acq: 27 Sep 2017 14:45

Tgt Ion:112 Resp: 905129
 Ion Ratio Lower Upper
 112 100
 64 57.2 47.9 71.9
 63 28.5 23.7 35.5





#7

Phenol-d6

Concen: 112.14 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF098862.D

Acq: 27 Sep 2017 14:45

Instrument :

BNA_F

ClientSampled :

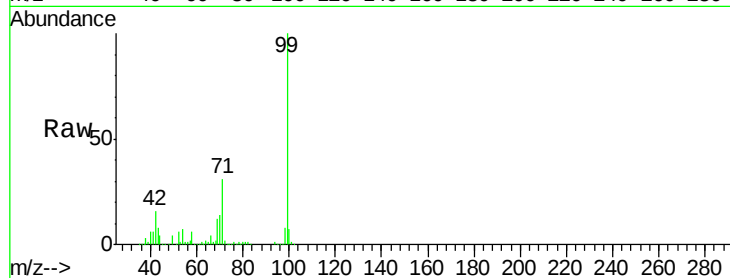
Tot Ion: 99 Resp: 1127534

Ion Ratio Lower Upper

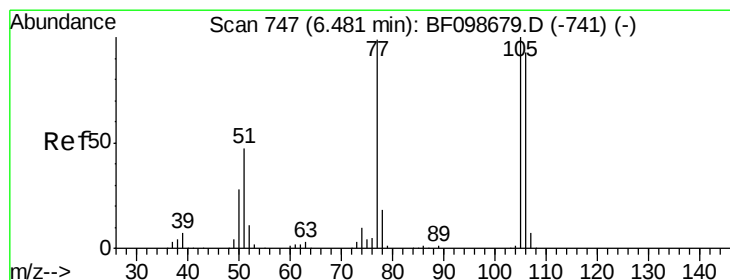
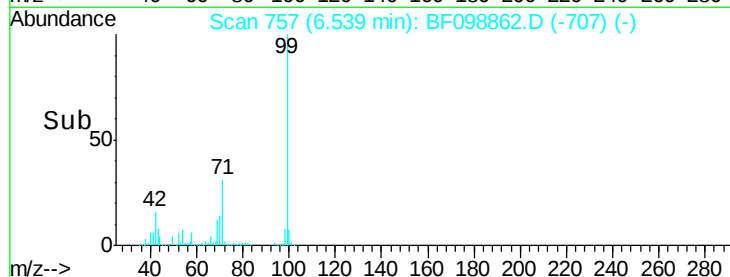
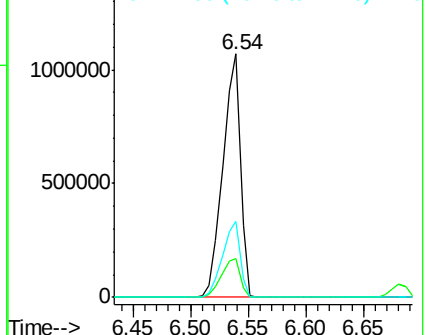
99 100

42 16.0 14.5 21.7

71 30.9 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 3.21 ng

RT: 6.68 min Scan# 781

Delta R.T. 0.21 min

Lab File: BF098862.D

Acq: 27 Sep 2017 14:45

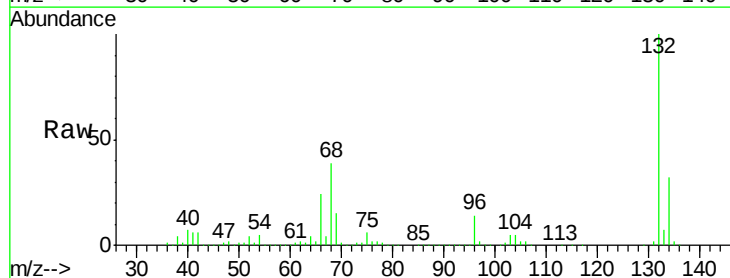
Tgt Ion: 77 Resp: 18727

Ion Ratio Lower Upper

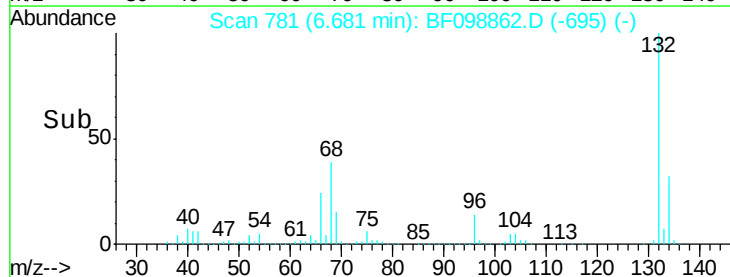
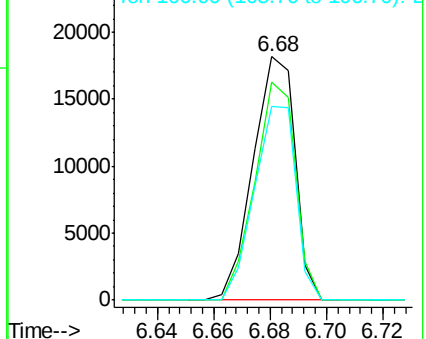
77 100

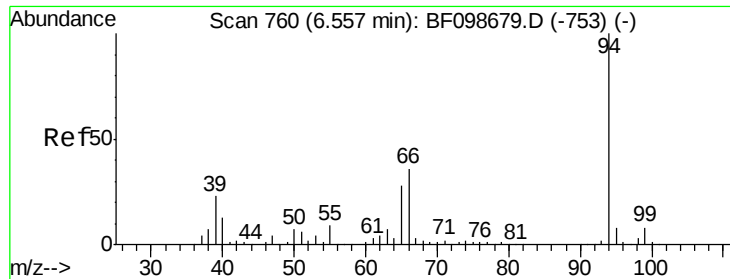
105 89.3 81.1 121.1

106 79.4 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0





#10

Phenol

Concen: 3.37 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF098862.D

Acq: 27 Sep 2017 14:45

Instrument :

BNA_F

ClientSampleId :

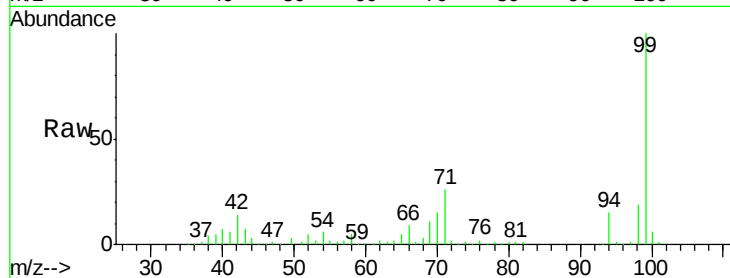
Tot Ion: 94 Resp: 37868

Ion Ratio Lower Upper

94 100

65 33.0 7.9 47.9

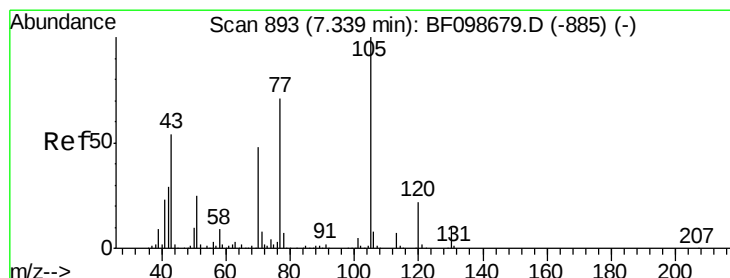
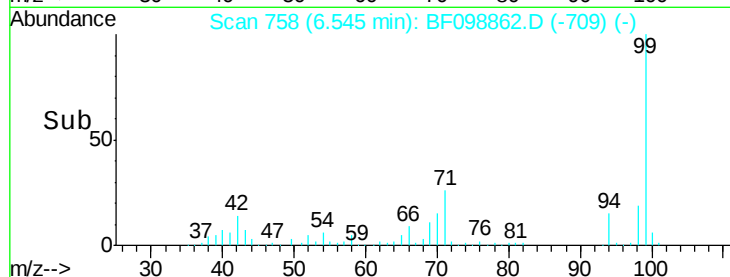
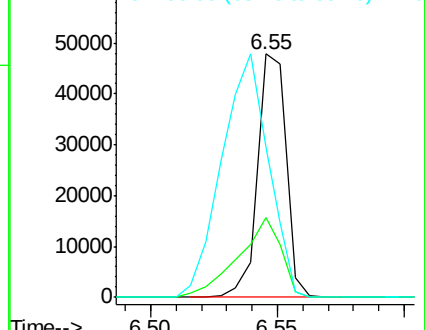
66 61.9 16.2 56.2#



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 13.34 ng

RT: 7.47 min Scan# 916

Delta R.T. 0.14 min

Lab File: BF098862.D

Acq: 27 Sep 2017 14:45

Tgt Ion: 70 Resp: 85664

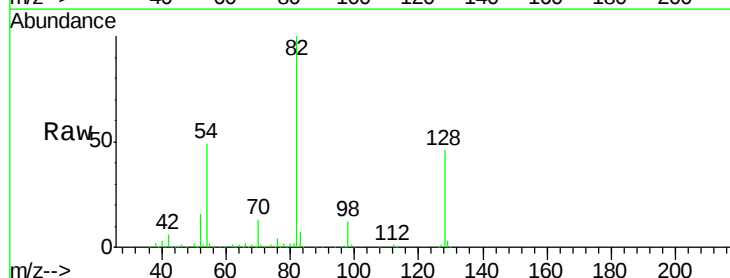
Ion Ratio Lower Upper

70 100

42 45.4 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

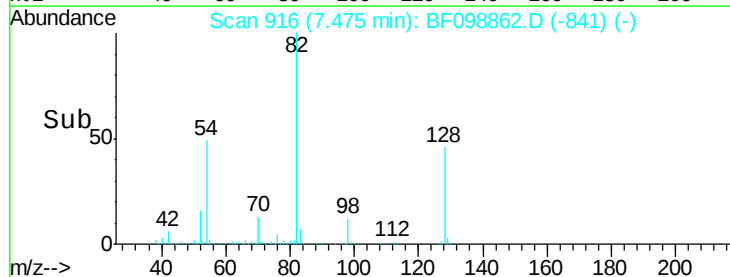
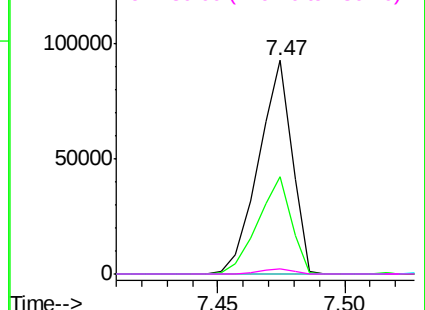


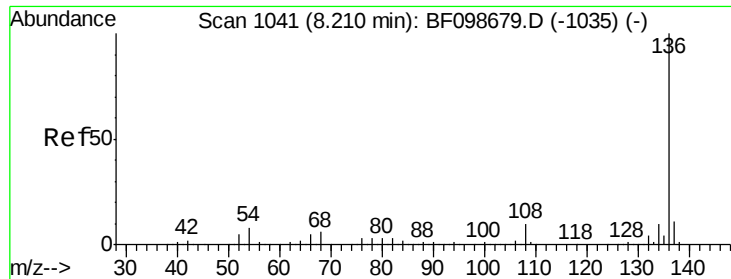
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

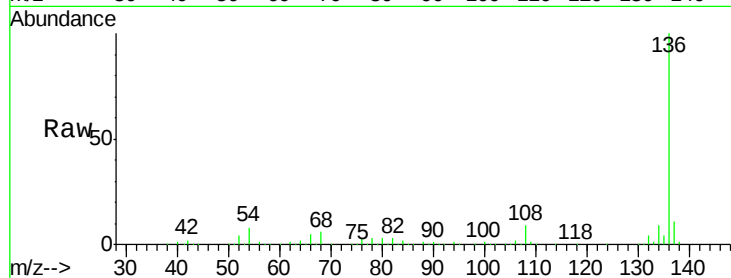




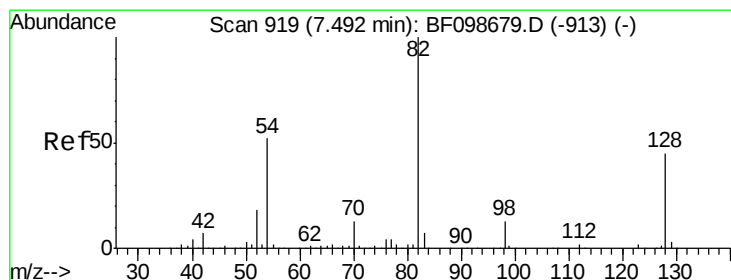
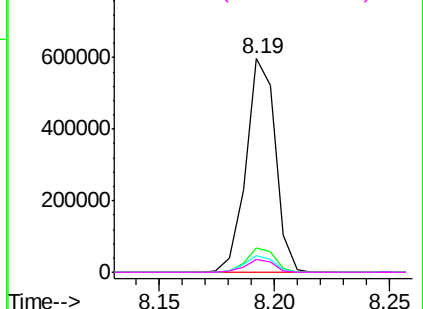
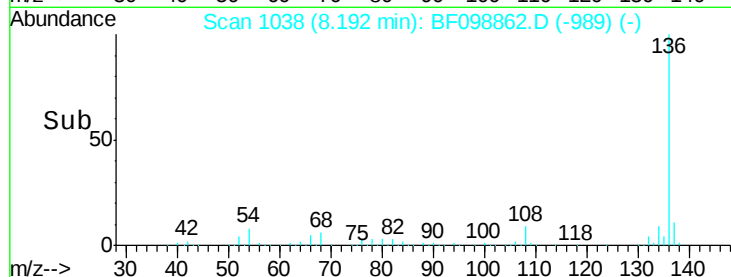
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF098862.D
Acq: 27 Sep 2017 14:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	532238
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.9 13.3
54	8.0	6.6 9.8
68	6.2	5.0 7.4

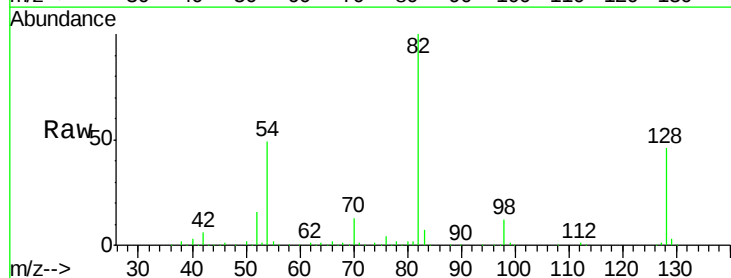


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

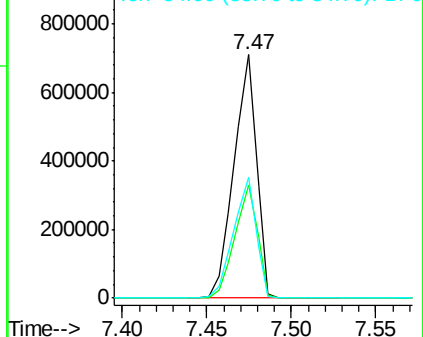
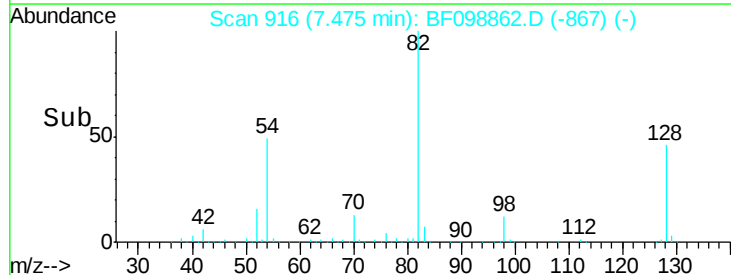


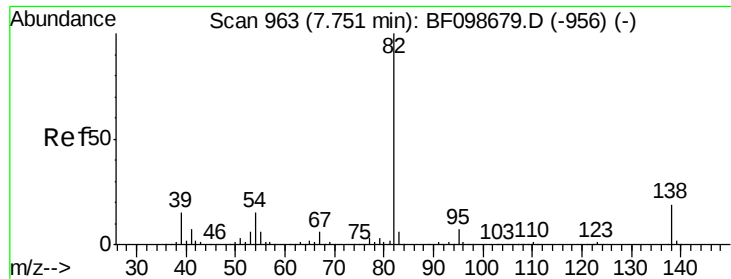
#23
Nitrobenzene-d5
Concen: 79.72 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF098862.D
Acq: 27 Sep 2017 14:45

Tgt Ion: 82	Resp:	661617
Ion Ratio	Lower	Upper
82	100	
128	46.2	36.1 54.1
54	49.4	41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 38.56 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.27 min

Lab File: BF098862.D

Acq: 27 Sep 2017 14:45

Instrument :

BNA_F

ClientSampled :

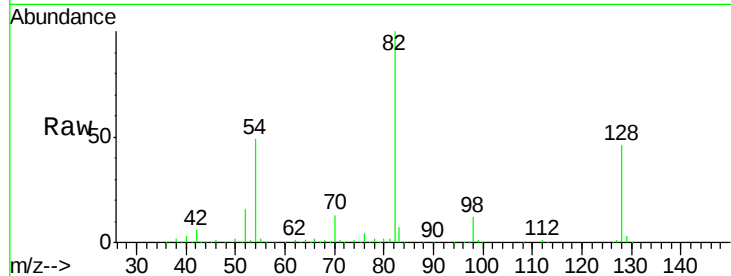
Tot Ion: 82 Resp: 661608

Ion Ratio Lower Upper

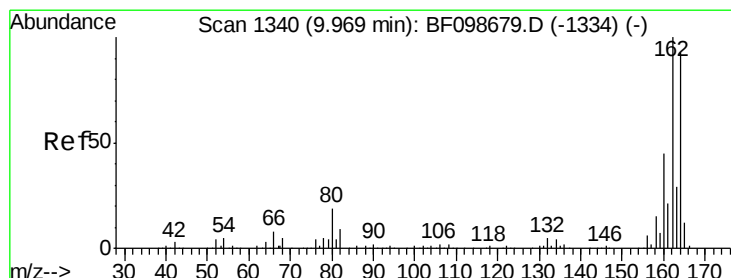
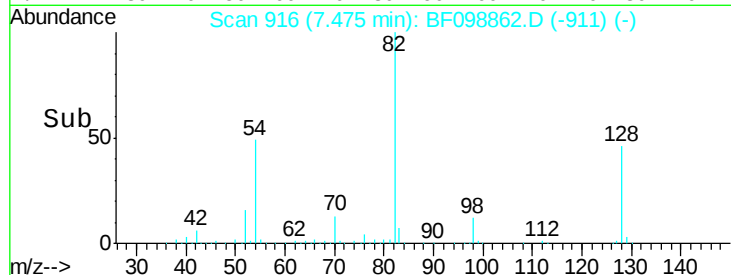
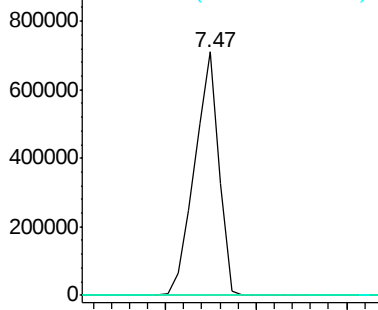
82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF098862.D

Acq: 27 Sep 2017 14:45

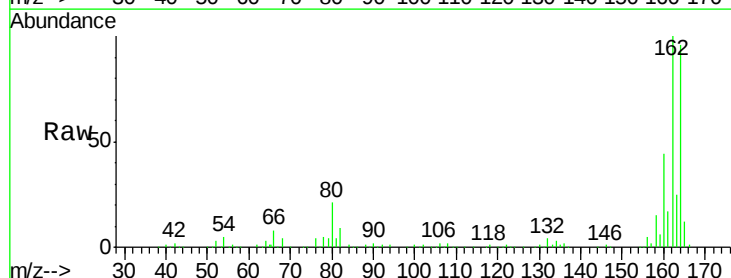
Tgt Ion: 164 Resp: 238345

Ion Ratio Lower Upper

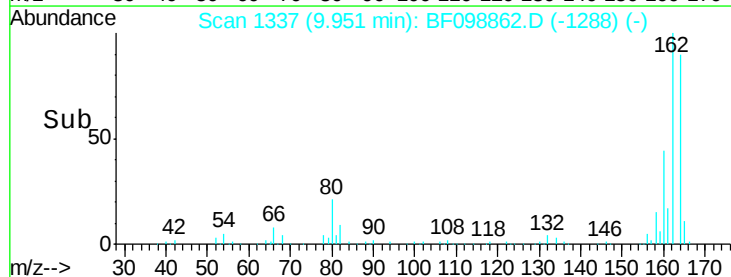
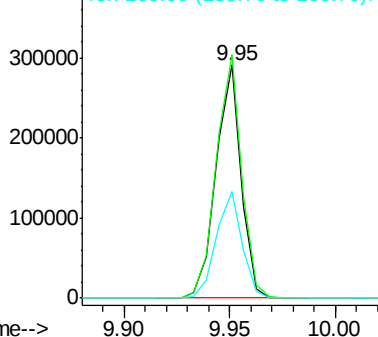
164 100

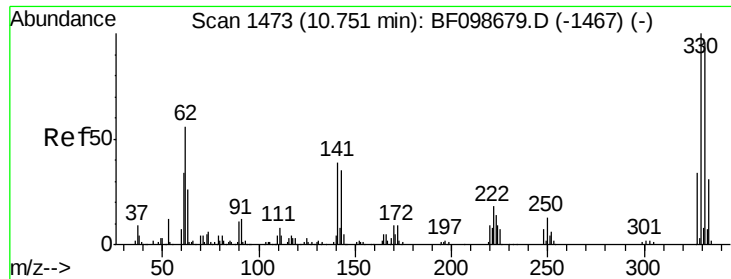
162 104.6 86.1 129.1

160 46.0 38.3 57.5



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

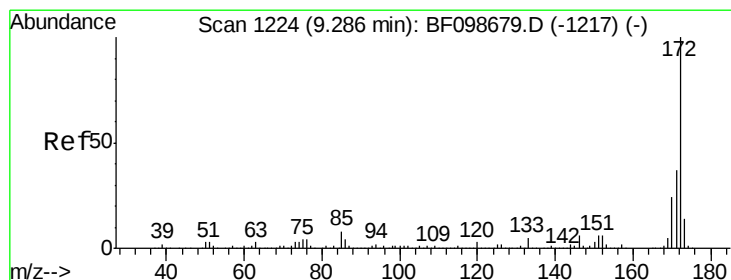
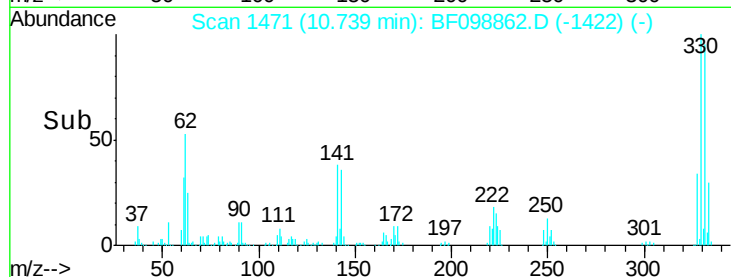
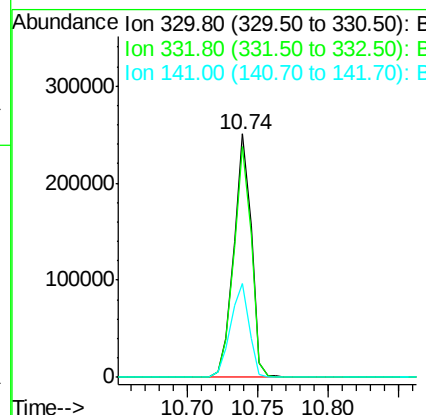
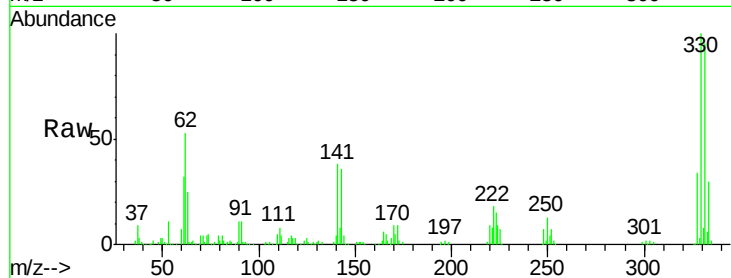




#41
 2,4,6-Tribromophenol
 Concen: 110.95 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.01 min
 Lab File: BF098862.D
 Acq: 27 Sep 2017 14:45

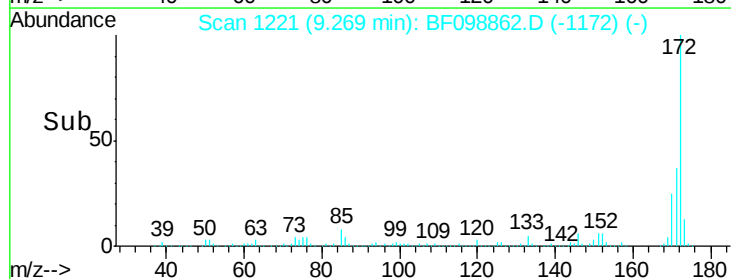
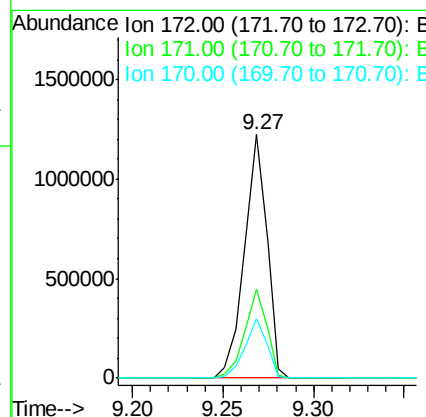
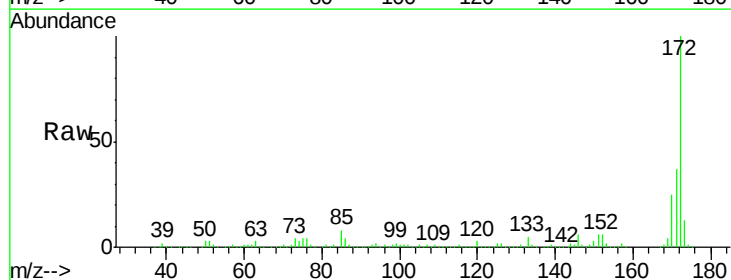
Instrument :
 BNA_F
 ClientSampleId :

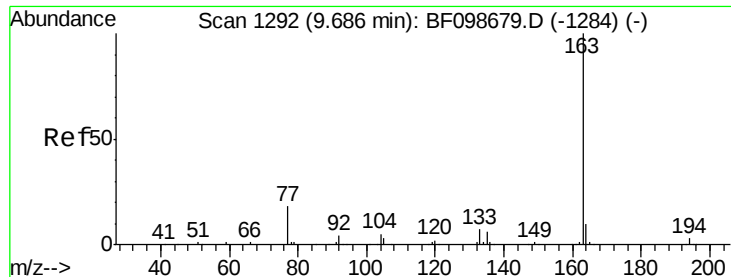
Tot Ion:330 Resp: 216379
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 40.7 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 74.05 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF098862.D
 Acq: 27 Sep 2017 14:45

Tgt Ion:172 Resp: 1057270
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 24.6 19.6 29.4

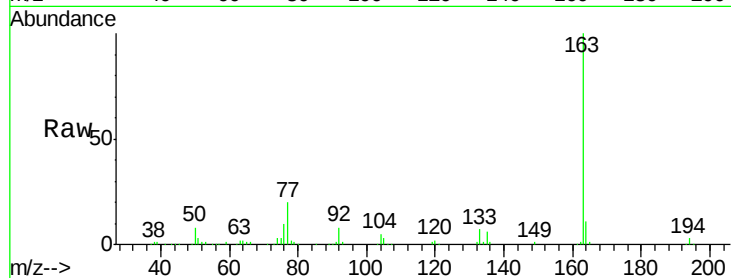




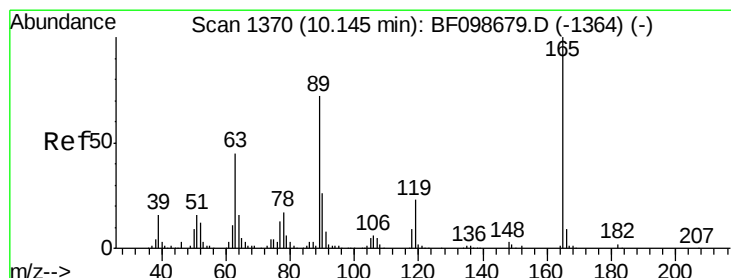
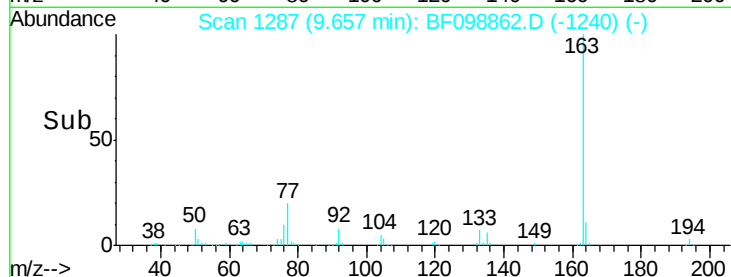
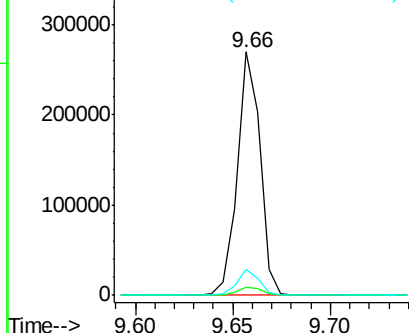
#49
Dimethylphthalate
Concen: 12.10 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BF098862.D
Acq: 27 Sep 2017 14:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 217658
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.7 8.2 12.2

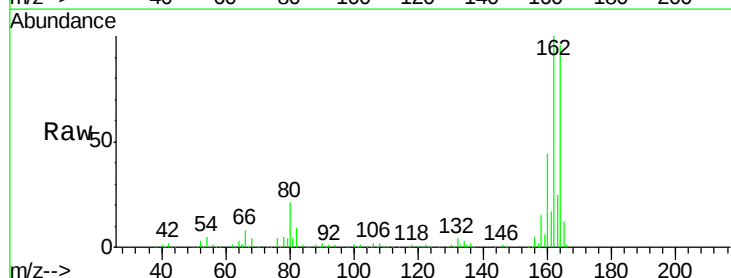


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

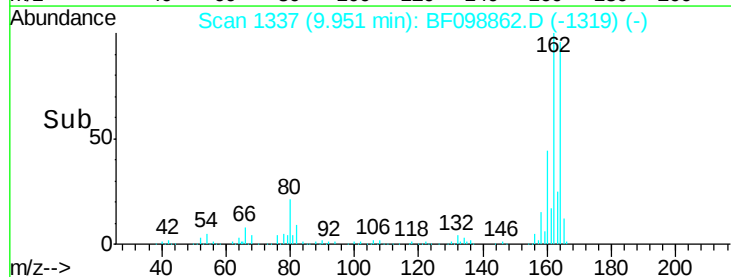
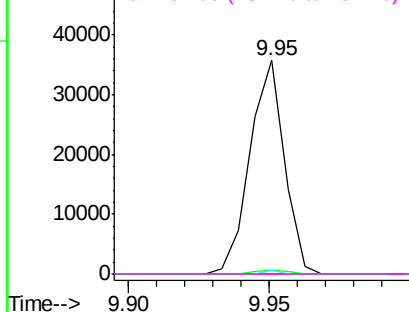


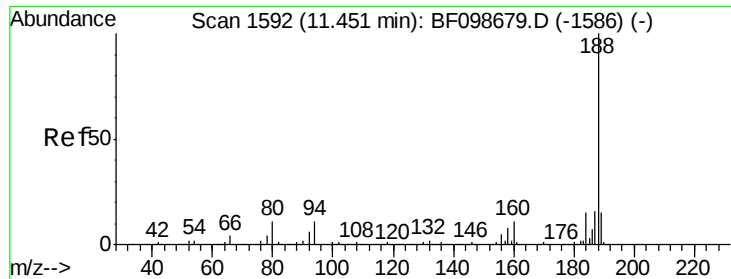
#56
2,4-Dinitrotoluene
Concen: 5.96 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.19 min
Lab File: BF098862.D
Acq: 27 Sep 2017 14:45

Tgt Ion:165 Resp: 30273
Ion Ratio Lower Upper
165 100
63 1.6 36.4 54.6#
89 2.0 57.8 86.6#
182 0.0 1.6 2.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

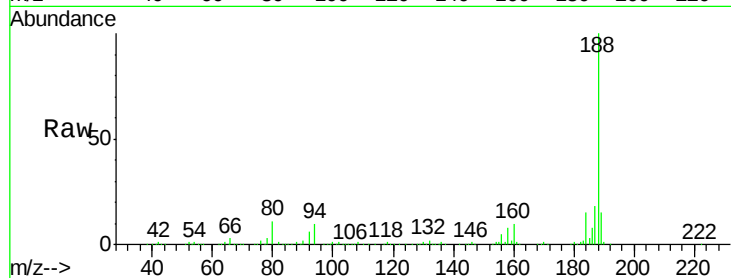




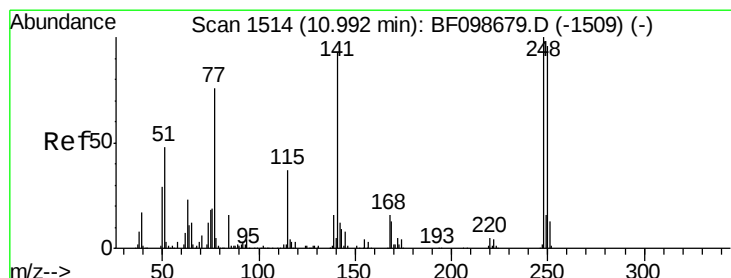
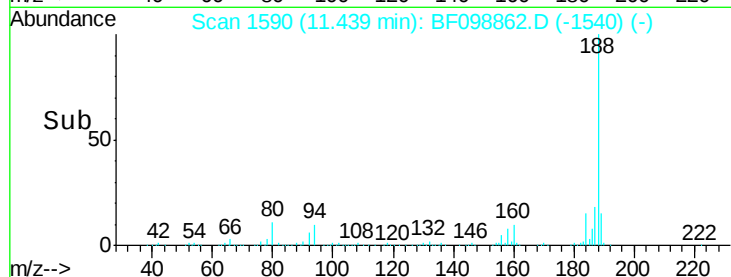
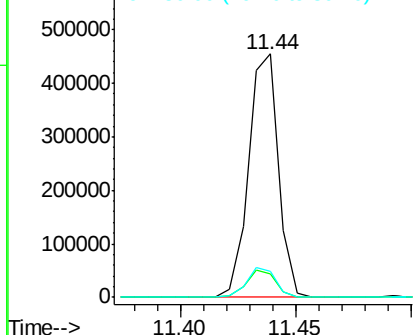
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098862.D
Acq: 27 Sep 2017 14:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 410735
Ion Ratio Lower Upper
188 100
94 9.5 8.5 12.7
80 10.6 9.2 13.8

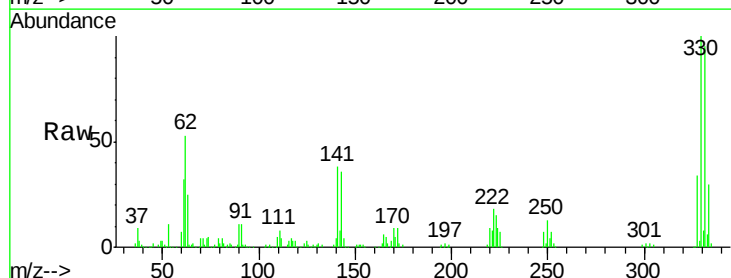


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

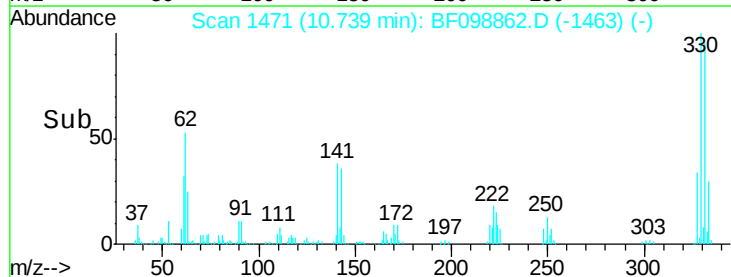
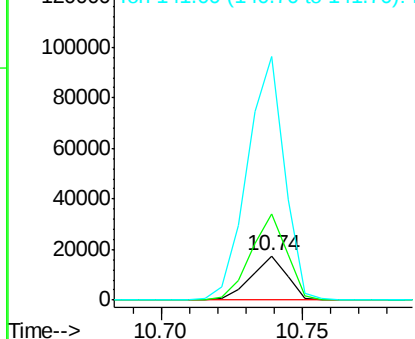


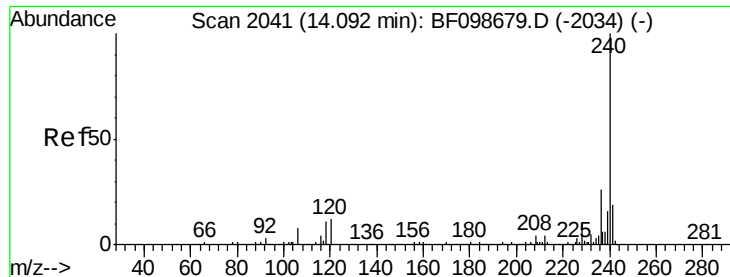
#66
4-Bromophenyl-phenylether
Concen: 3.77 ng
RT: 10.74 min Scan# 1471
Delta R.T. -0.25 min
Lab File: BF098862.D
Acq: 27 Sep 2017 14:45

Tgt Ion:248 Resp: 15142
Ion Ratio Lower Upper
248 100
250 194.5 76.9 115.3#
141 553.5 74.4 111.6#



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: 20.00 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF098862.D

Acq: 27 Sep 2017 14:45

Instrument :

BNA_F

ClientSampleId :

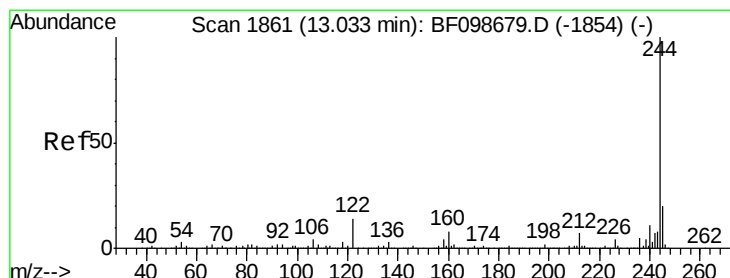
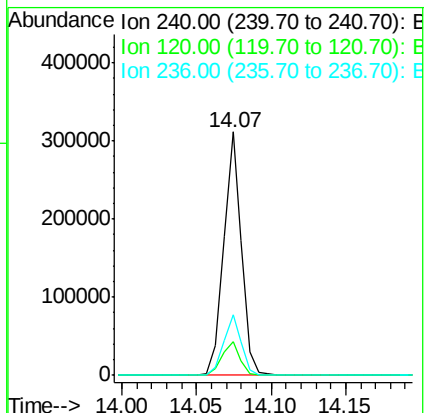
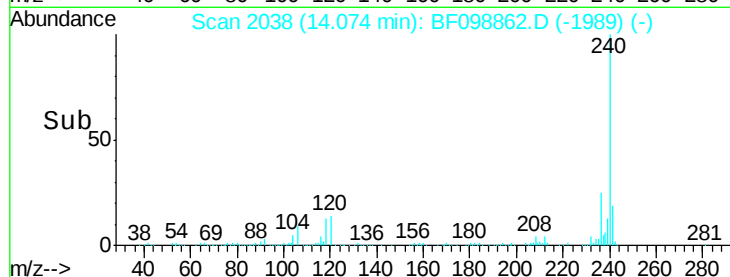
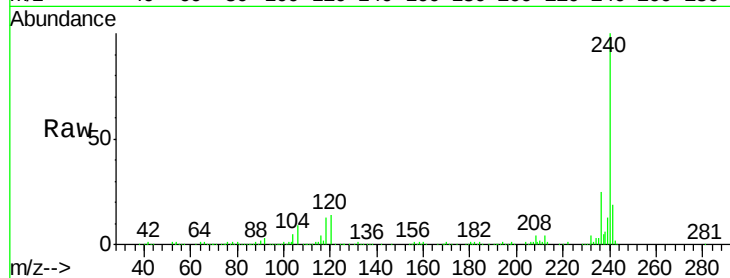
Tot Ion:240 Resp: 261378

Ion Ratio Lower Upper

240 100

120 13.7 9.5 14.3

236 24.8 20.7 31.1



#78

Terphenyl-d14

Concen: 81.19 ng

RT: 13.02 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BF098862.D

Acq: 27 Sep 2017 14:45

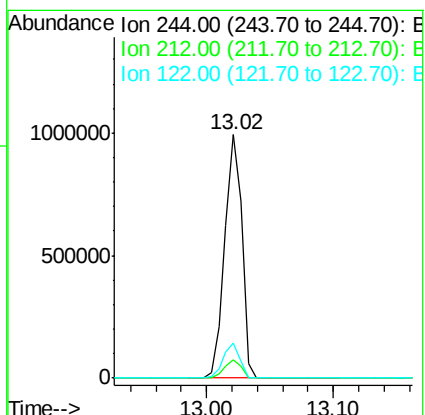
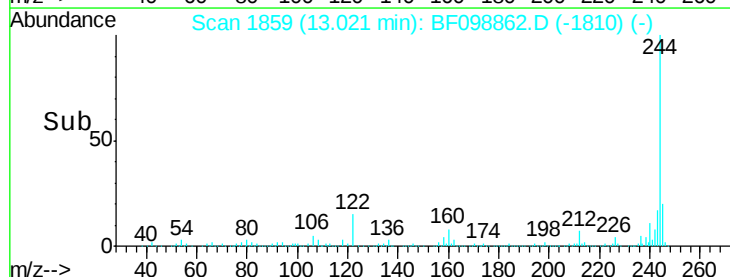
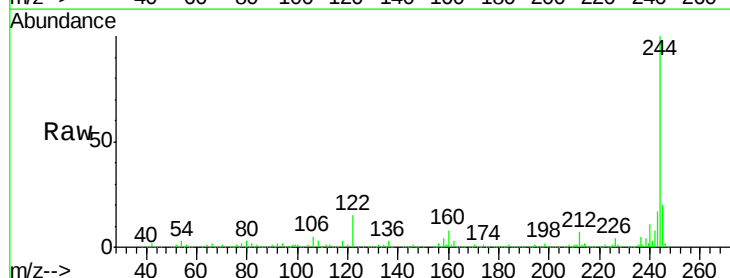
Tgt Ion:244 Resp: 933178

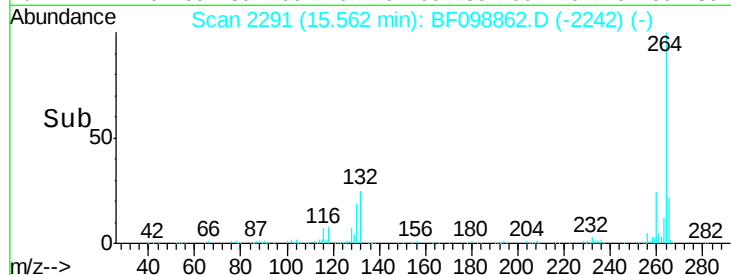
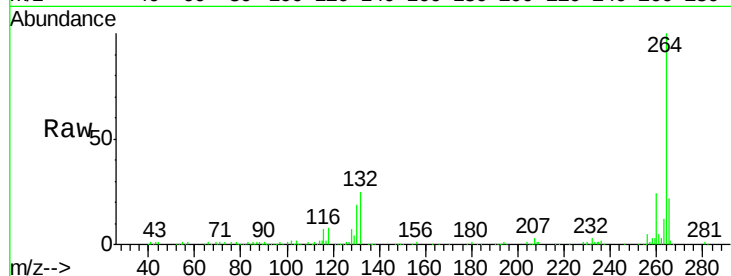
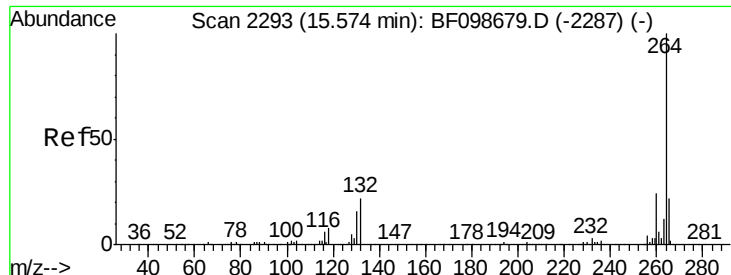
Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

122 14.5 11.0 16.4





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.56 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BF098862.D
 Acq: 27 Sep 2017 14:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	233514
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	22.5	17.5	26.3

