

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092717\
 Data File : BF098860.D
 Acq On : 27 Sep 2017 13:50
 Operator : SJ/JU
 Sample : I5434-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 28 01:48:36 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

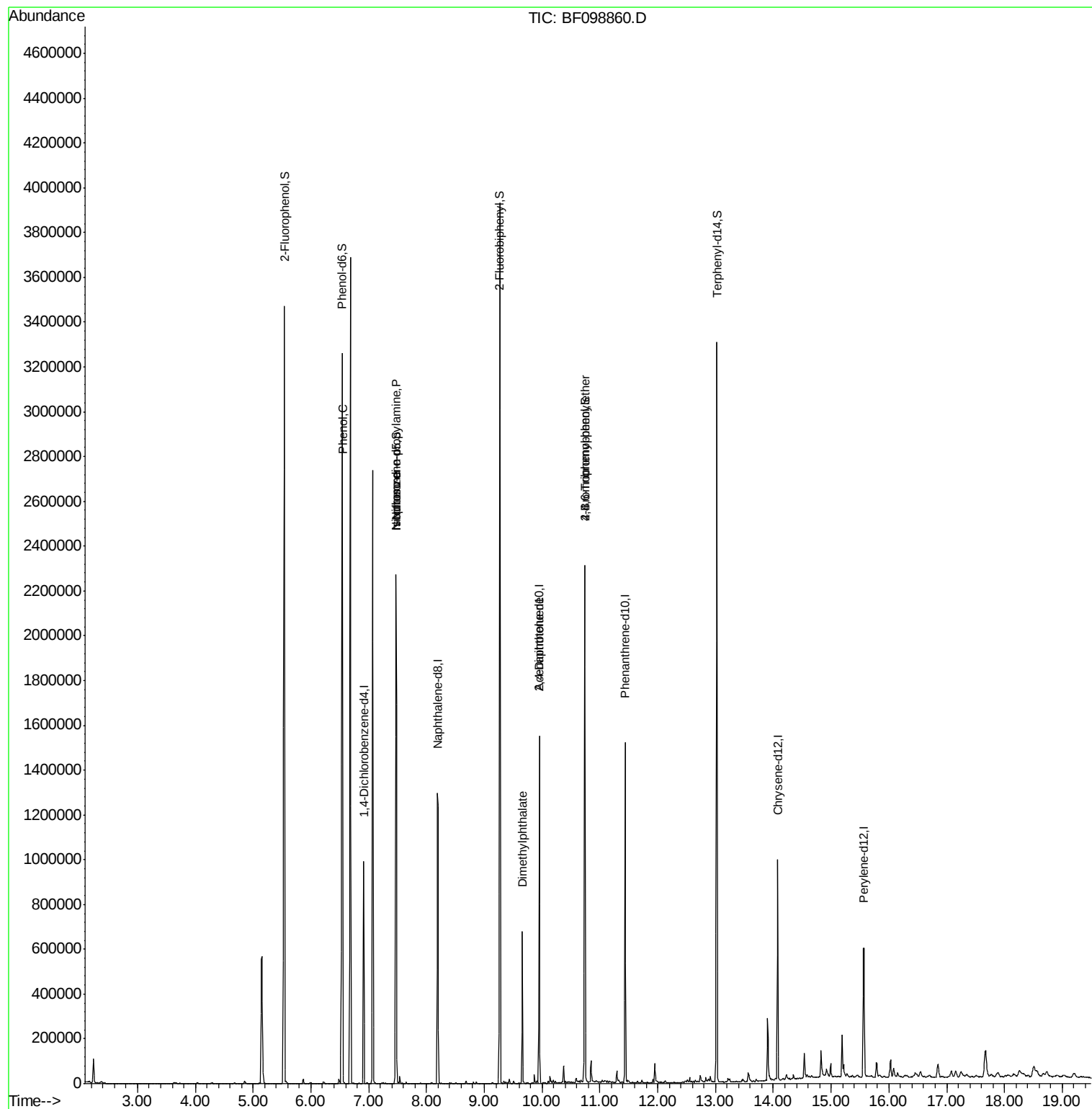
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	146996	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	614153	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	280932	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	497906	20.00	ng	0.00
75) Chrysene-d12	14.07	240	293764	20.00	ng	-0.01
86) Perylene-d12	15.56	264	254734	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1091220	118.17	ng	0.00
7) Phenol-d6	6.54	99	1368472	120.13	ng	0.00
23) Nitrobenzene-d5	7.47	82	809935	84.57	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	275228	119.73	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1298826	77.18	ng	-0.01
78) Terphenyl-d14	13.03	244	1156167	89.51	ng	0.00
Target Compounds						
10) Phenol	6.55	94	41758	3.28	ng	Qvalue 97
19) n-Nitroso-di-n-propylamine	7.47	70	105796	14.55	ng	# 77
25) Isophorone	7.47	82	808339	40.83	ng	# 64
49) Dimethylphthalate	9.66	163	253994	11.98	ng	100
56) 2,4-Dinitrotoluene	9.95	165	36639	6.12	ng	# 23
66) 4-Bromophenyl-phenylether	10.74	248	18749	3.85	ng	# 1

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

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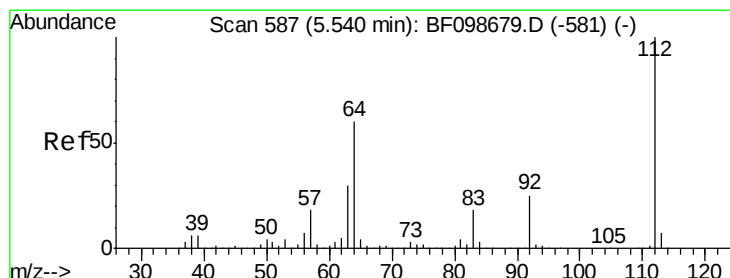
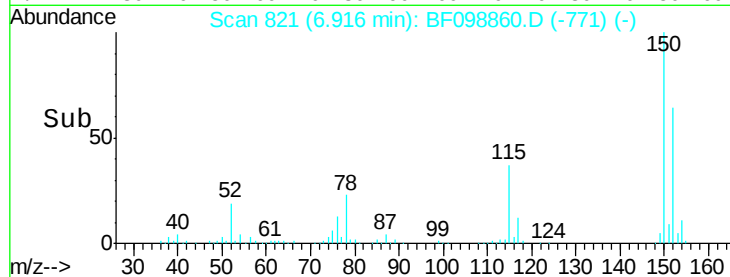
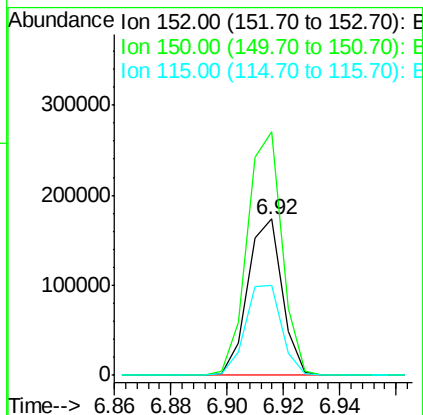
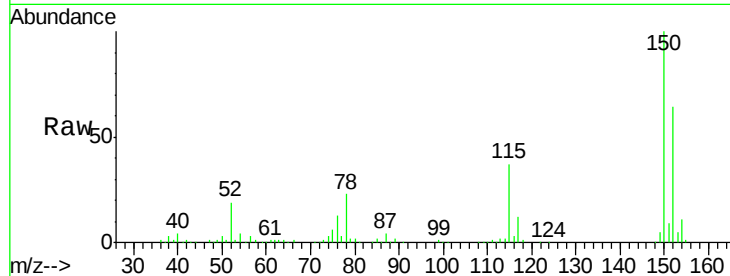


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF098860.D
 Acq: 27 Sep 2017 13:50

Instrument :
 BNA_F
 ClientSampleId :

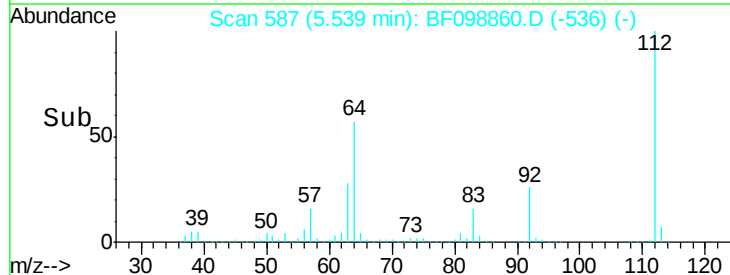
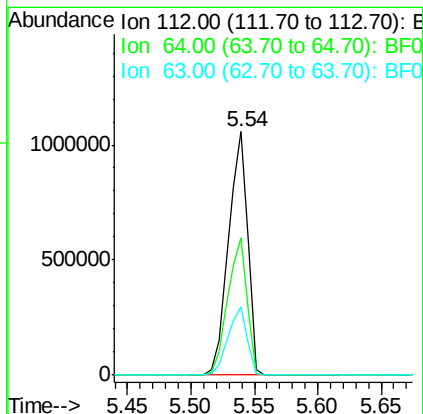
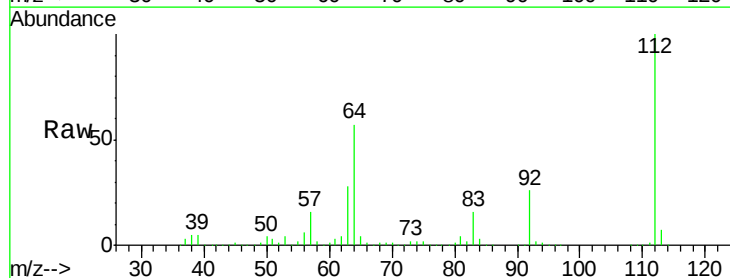
Tot Ion:152 Resp: 146996
 Ion Ratio Lower Upper
 152 100
 150 155.5 124.6 186.8
 115 57.9 50.1 75.1

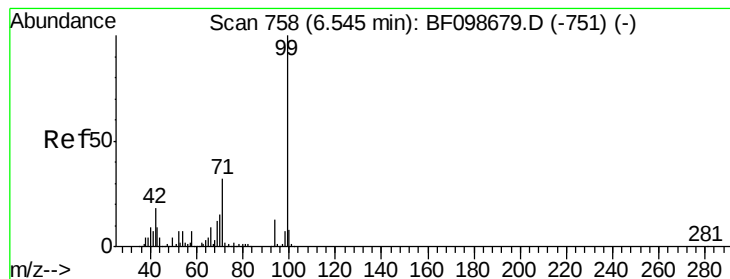


#5

2-Fluorophenol
 Concen: 118.17 ng
 RT: 5.54 min Scan# 587
 Delta R.T. -0.00 min
 Lab File: BF098860.D
 Acq: 27 Sep 2017 13:50

Tgt Ion:112 Resp: 1091220
 Ion Ratio Lower Upper
 112 100
 64 56.6 47.9 71.9
 63 27.9 23.7 35.5





#7

Phenol-d6

Concen: 120.13 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF098860.D

Acq: 27 Sep 2017 13:50

Instrument :

BNA_F

ClientSampleId :

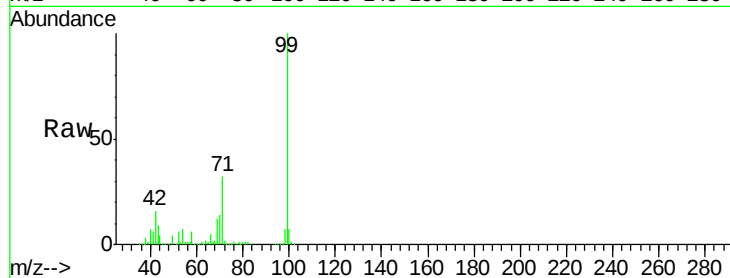
Tot Ion: 99 Resp: 1368472

Ion Ratio Lower Upper

99 100

42 16.3 14.5 21.7

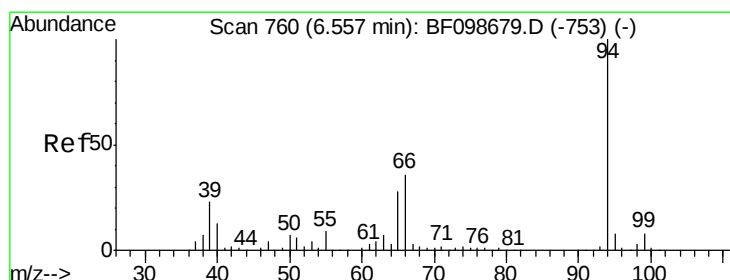
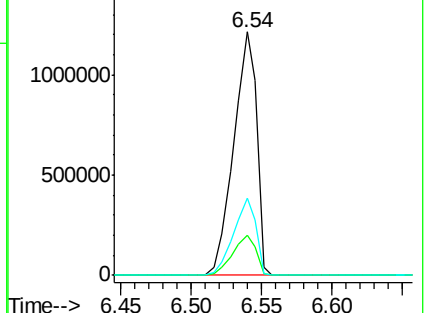
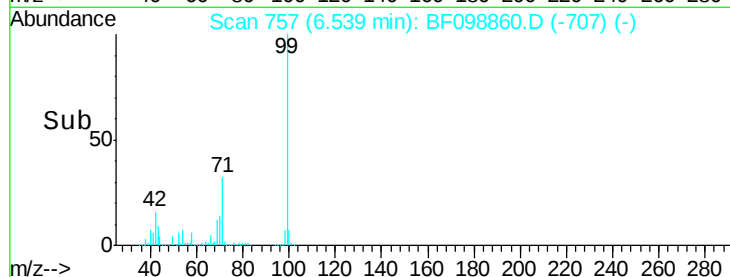
71 31.7 25.4 38.0



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



#10

Phenol

Concen: 3.28 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF098860.D

Acq: 27 Sep 2017 13:50

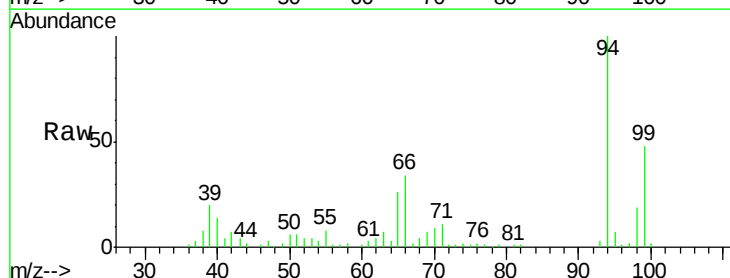
Tgt Ion: 94 Resp: 41758

Ion Ratio Lower Upper

94 100

65 26.2 7.9 47.9

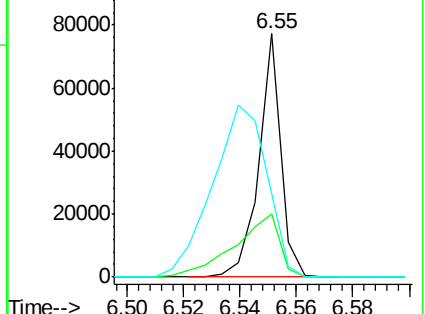
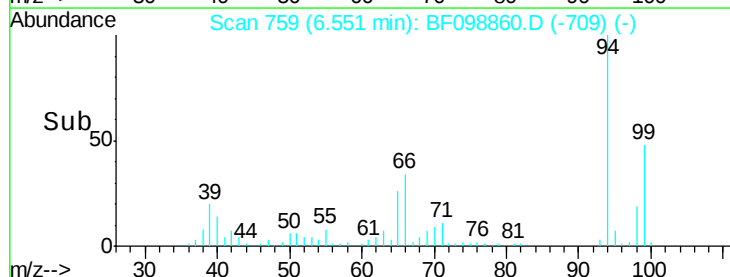
66 34.5 16.2 56.2

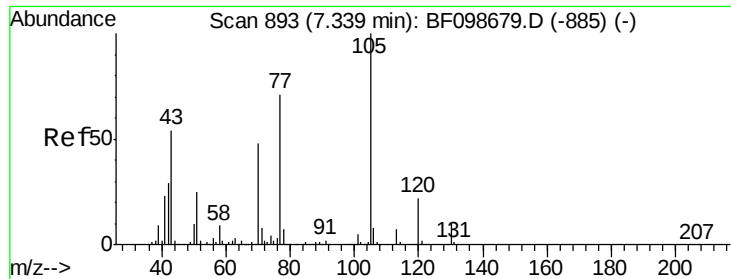


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

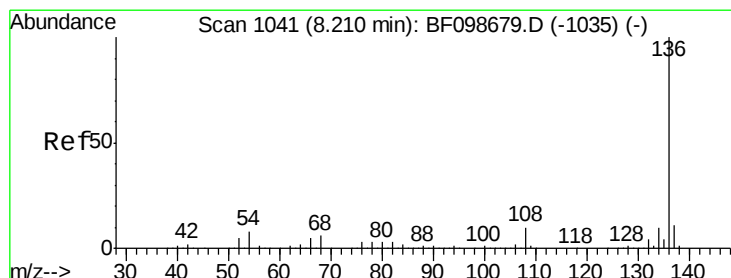
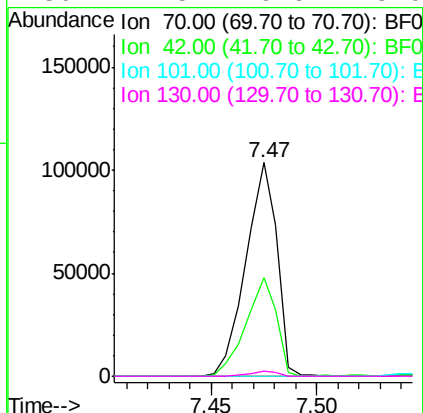
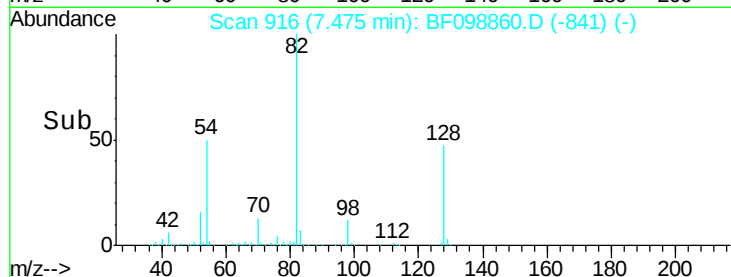
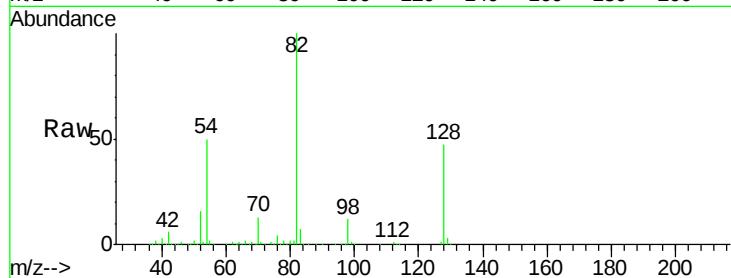




#19
n-Nitroso-di-n-propylamine
Concen: 14.55 ng
RT: 7.47 min Scan# 916
Delta R.T. 0.14 min
Lab File: BF098860.D
Acq: 27 Sep 2017 13:50

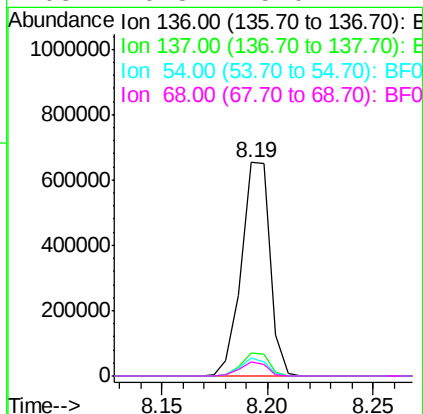
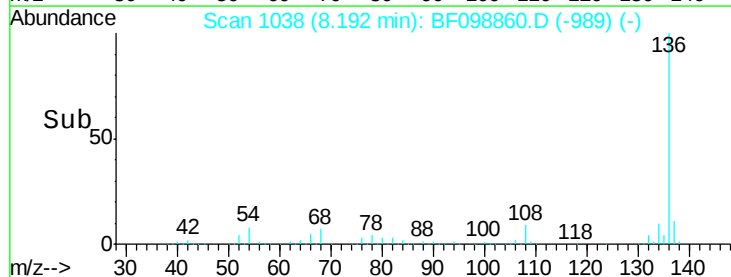
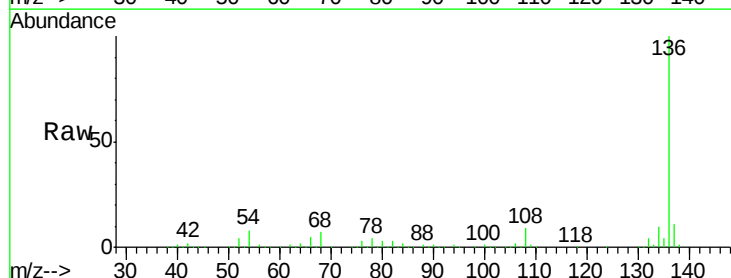
Instrument :
BNA_F
ClientSampleId :

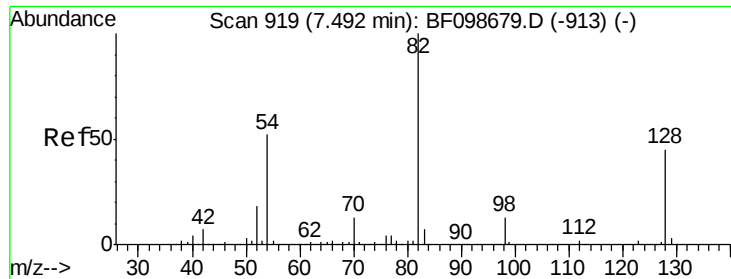
Tot Ion: 70 Resp: 105796
Ion Ratio Lower Upper
70 100
42 46.2 47.5 71.3#
101 0.0 7.4 11.2#
130 2.5 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF098860.D
Acq: 27 Sep 2017 13:50

Tgt Ion: 136 Resp: 614153
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.3 6.6 9.8
68 6.8 5.0 7.4

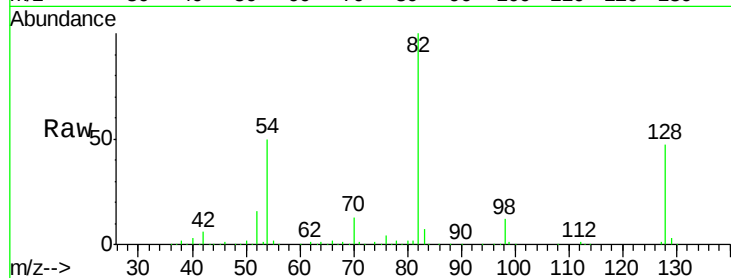




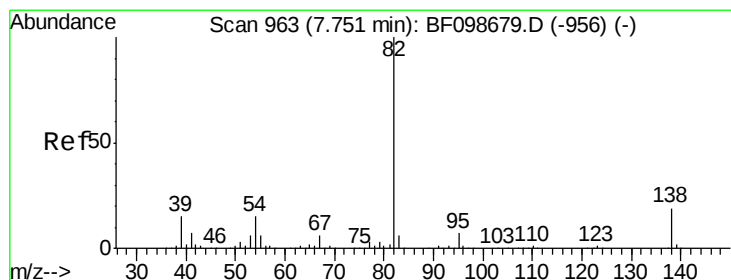
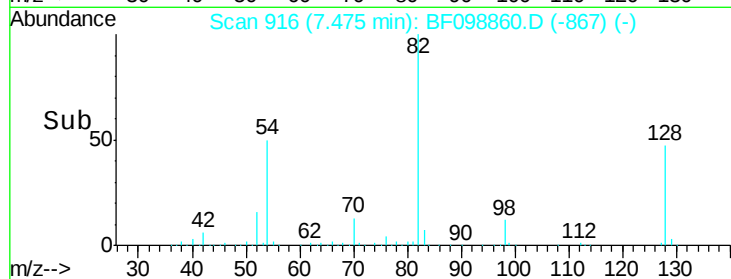
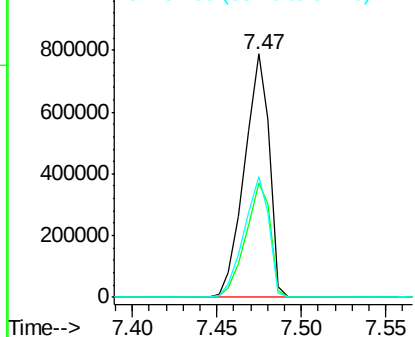
#23
 Nitrobenzene-d5
 Concen: 84.57 ng
 RT: 7.47 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: BF098860.D
 Acq: 27 Sep 2017 13:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	809935
Ion Ratio	100	Lower	Upper
128	47.0	36.1	54.1
54	49.7	41.4	62.2

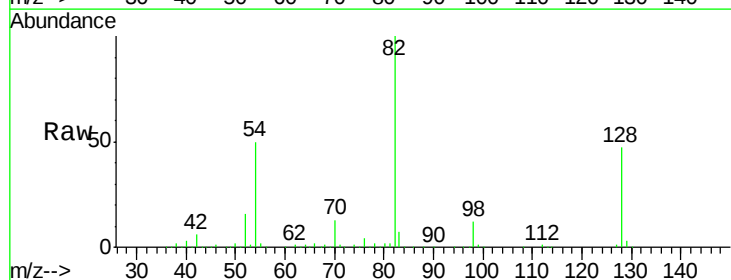


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

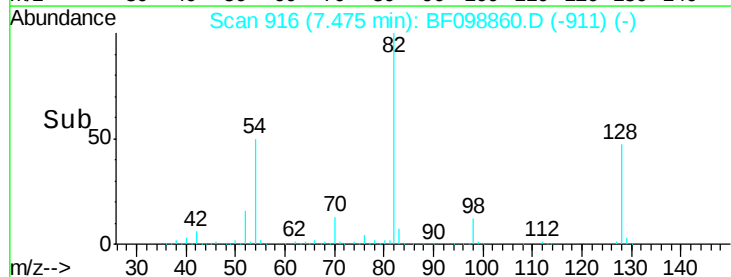
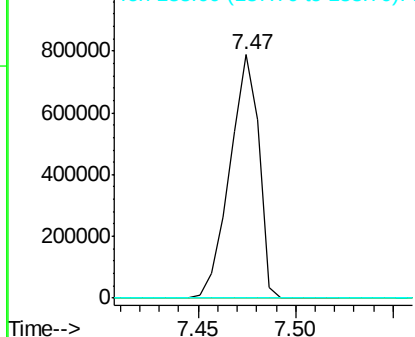


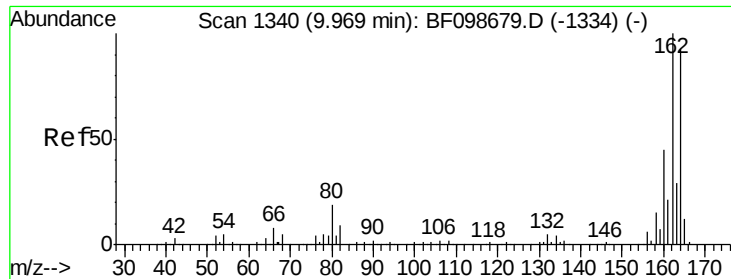
#25
 Isophorone
 Concen: 40.83 ng
 RT: 7.47 min Scan# 916
 Delta R.T. -0.27 min
 Lab File: BF098860.D
 Acq: 27 Sep 2017 13:50

Tgt Ion	82	Resp	808339
Ion Ratio	100	Lower	Upper
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): BF0

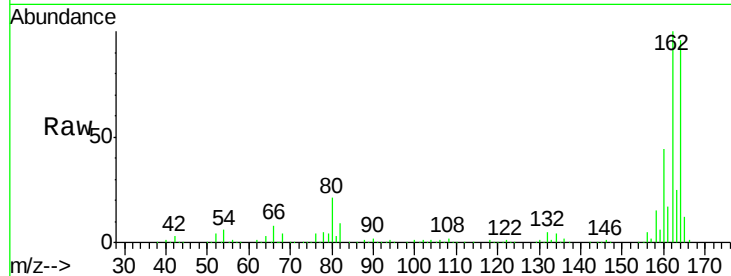




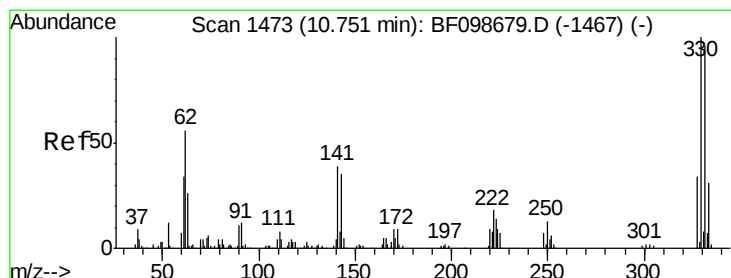
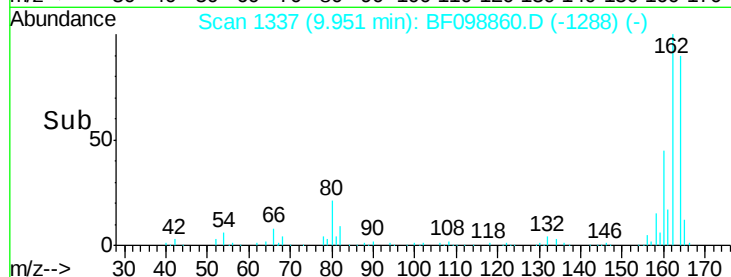
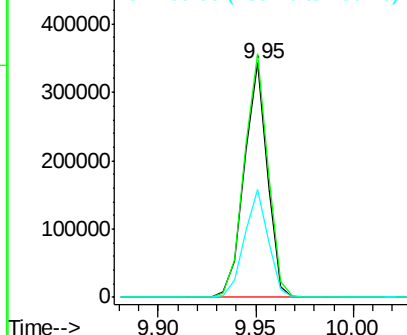
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF098860.D
Acq: 27 Sep 2017 13:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 280932
Ion Ratio Lower Upper
164 100
162 103.9 86.1 129.1
160 46.2 38.3 57.5

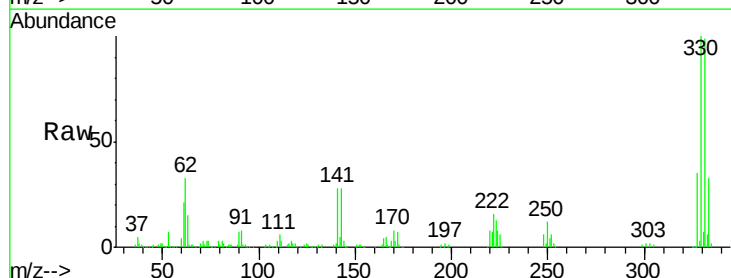


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

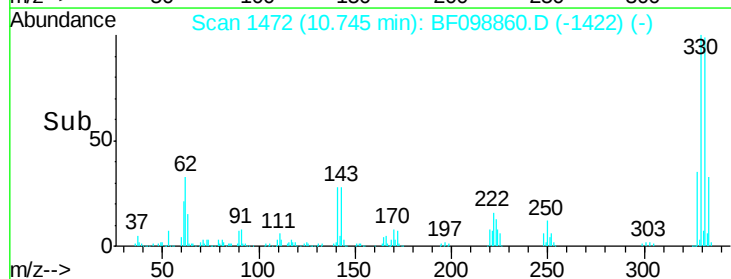
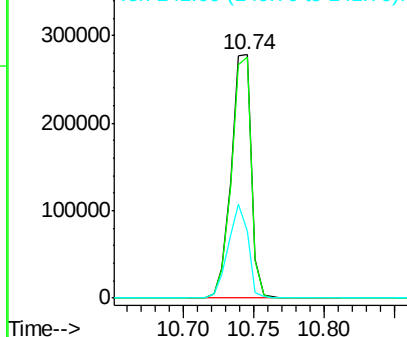


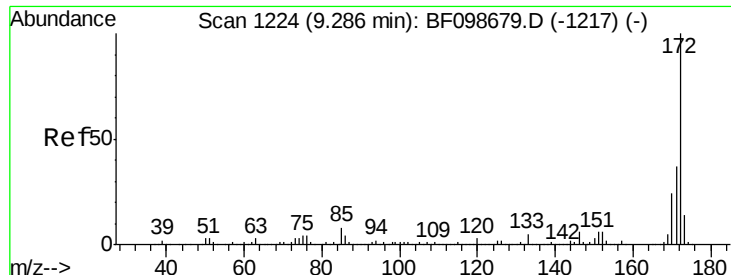
#41
2,4,6-Tribromophenol
Concen: 119.73 ng
RT: 10.74 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BF098860.D
Acq: 27 Sep 2017 13:50

Tgt Ion:330 Resp: 275228
Ion Ratio Lower Upper
330 100
332 97.4 77.0 115.6
141 38.3 29.9 44.9



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

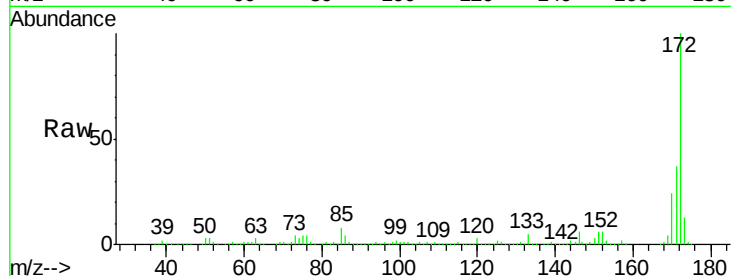




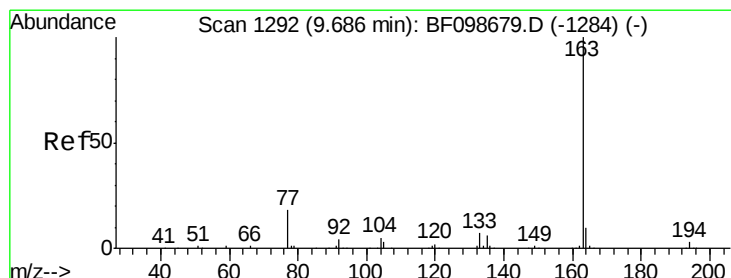
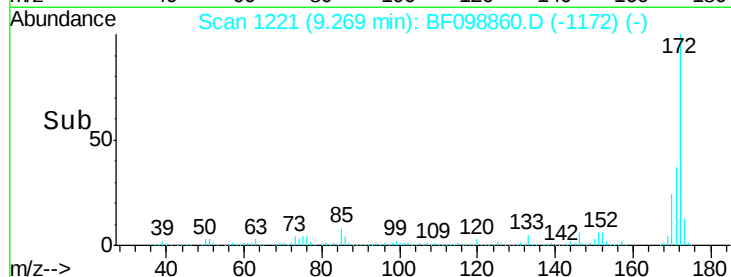
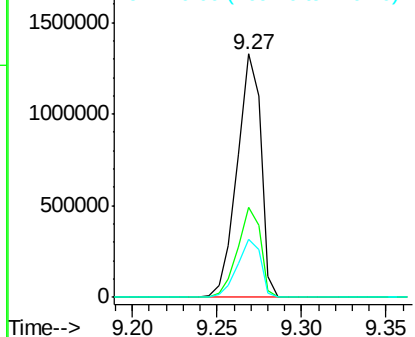
#44
2-Fluorobiphenyl
Concen: 77.18 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.01 min
Lab File: BF098860.D
Acq: 27 Sep 2017 13:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1298826
Ion Ratio Lower Upper
172 100
171 36.9 29.7 44.5
170 24.1 19.6 29.4

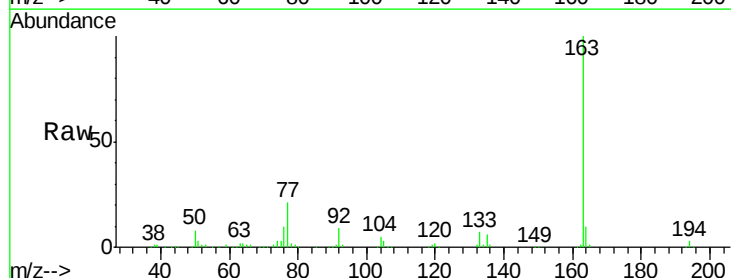


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

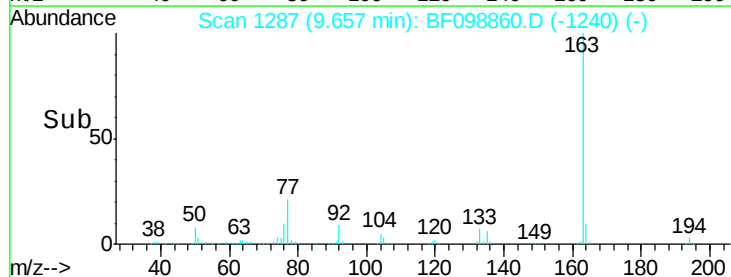
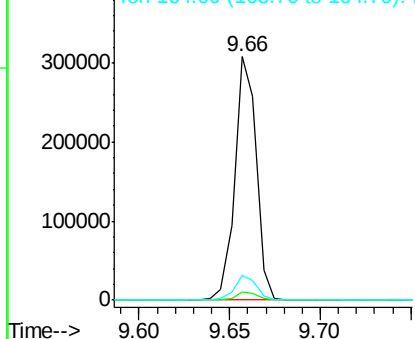


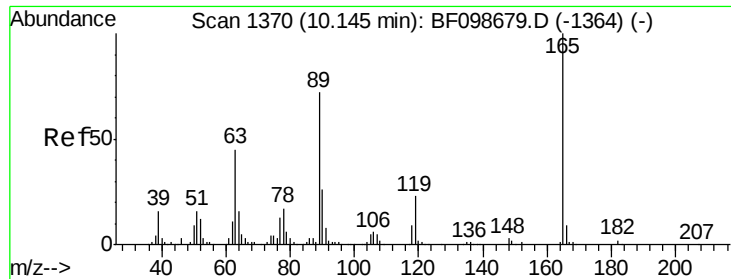
#49
Dimethylphthalate
Concen: 11.98 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BF098860.D
Acq: 27 Sep 2017 13:50

Tgt Ion:163 Resp: 253994
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 10.1 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

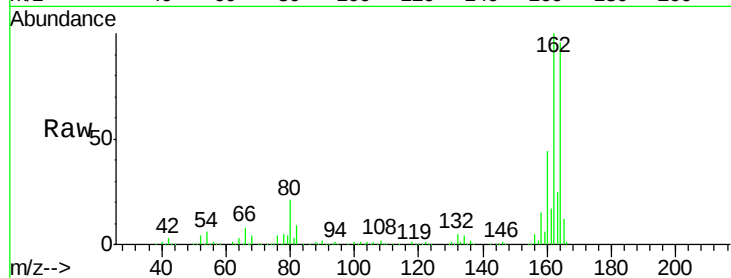




#56
 2,4-Dinitrotoluene
 Concen: 6.12 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.19 min
 Lab File: BF098860.D
 Acq: 27 Sep 2017 13:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#

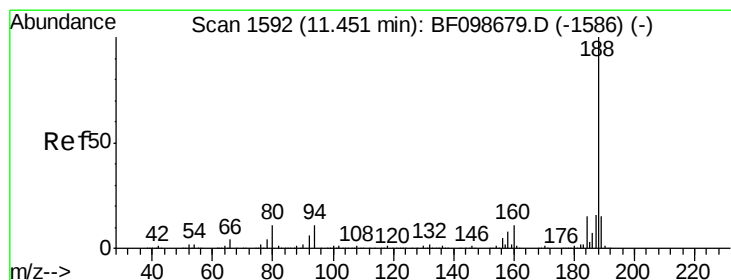
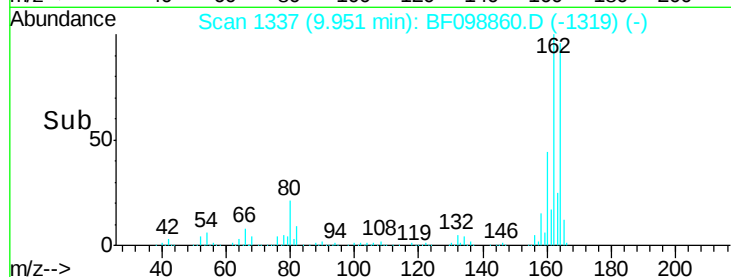
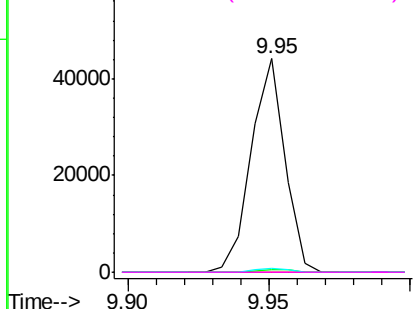


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

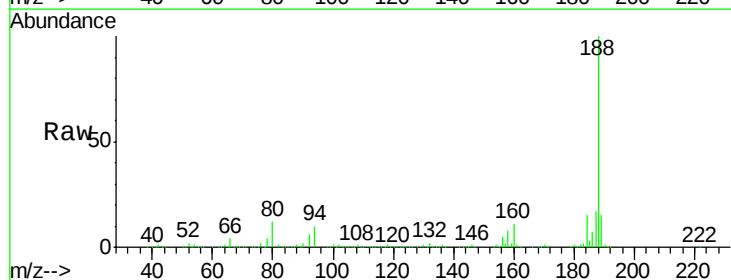
Ion 89.00 (88.70 to 89.70): BF0

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: BF098860.D
 Acq: 27 Sep 2017 13:50

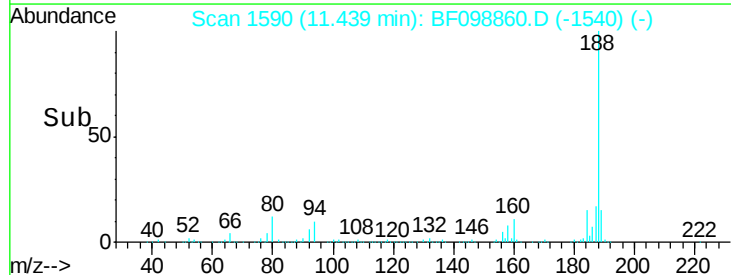
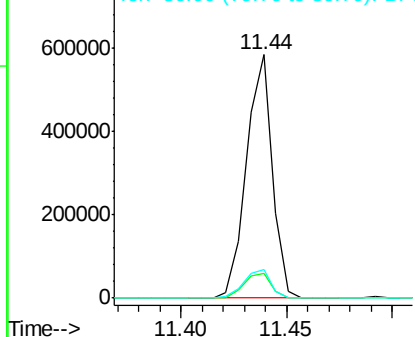
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	11.9	9.2	13.8

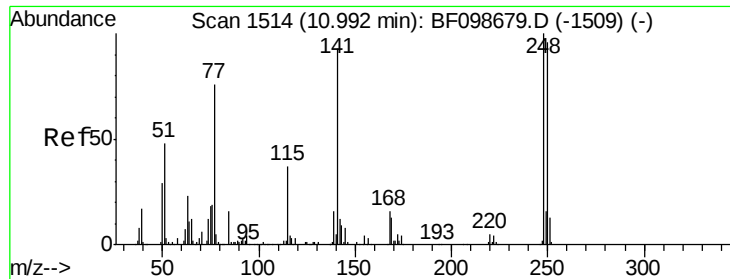


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

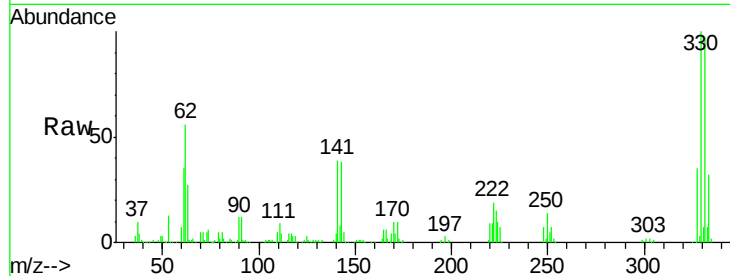




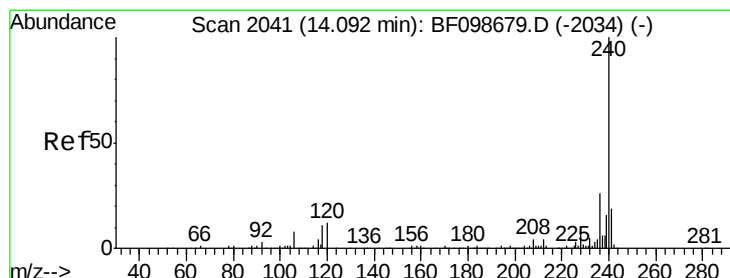
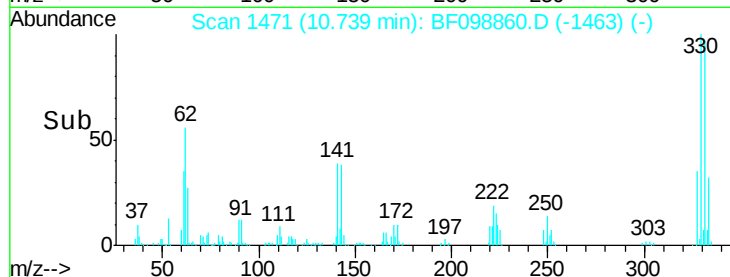
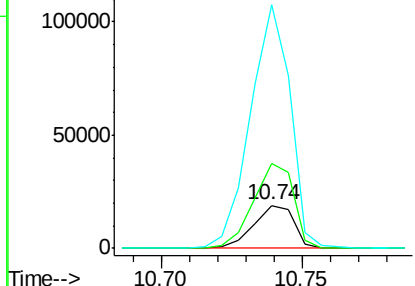
#66
 4-Bromophenyl-phenylether
 Concen: 3.85 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.25 min
 Lab File: BF098860.D
 Acq: 27 Sep 2017 13:50

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:248 Resp: 18749
 Ion Ratio Lower Upper
 248 100
 250 197.1 76.9 115.3#
 141 562.4 74.4 111.6#

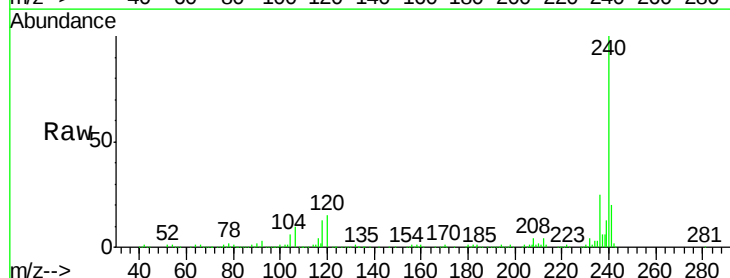


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

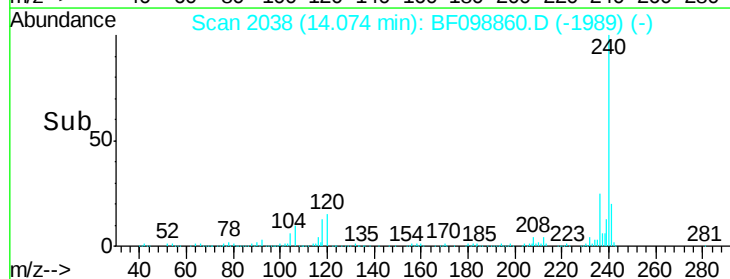
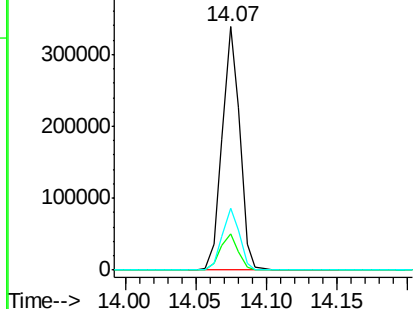


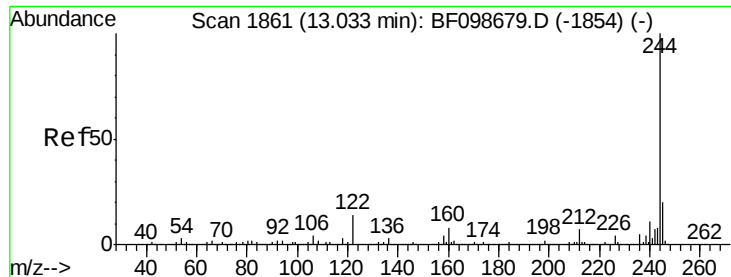
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. -0.01 min
 Lab File: BF098860.D
 Acq: 27 Sep 2017 13:50

Tgt Ion:240 Resp: 293764
 Ion Ratio Lower Upper
 240 100
 120 15.1 9.5 14.3#
 236 25.3 20.7 31.1



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



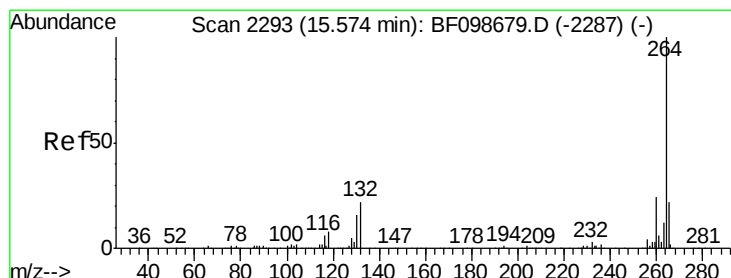
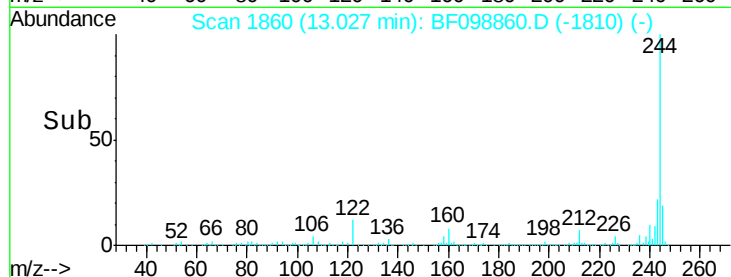
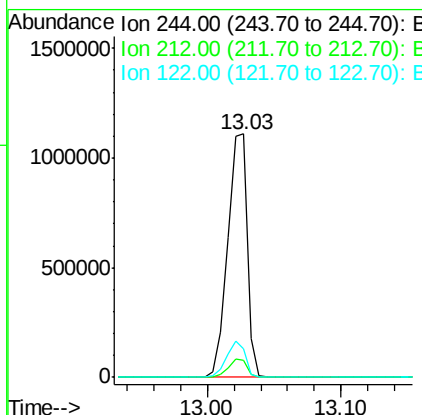
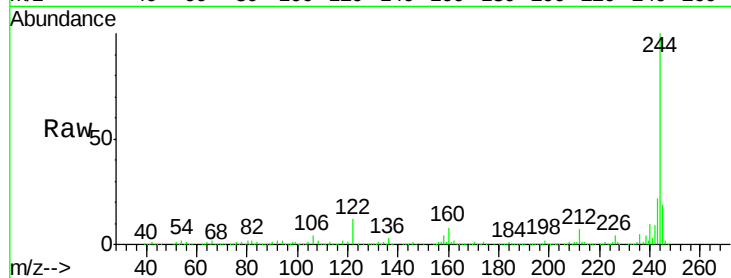


#78
 Terphenyl-d14
 Concen: 89.51 ng
 RT: 13.03 min Scan# 1860
 Delta R.T. -0.01 min
 Lab File: BF098860.D
 Acq: 27 Sep 2017 13:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 1156167

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.9	11.0	16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.56 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BF098860.D
 Acq: 27 Sep 2017 13:50

Tgt Ion:264 Resp: 254734

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.8	17.5	26.3

