

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092717\
 Data File : BF098861.D
 Acq On : 27 Sep 2017 14:17
 Operator : SJ/JU
 Sample : I5434-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 28 01:48:51 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

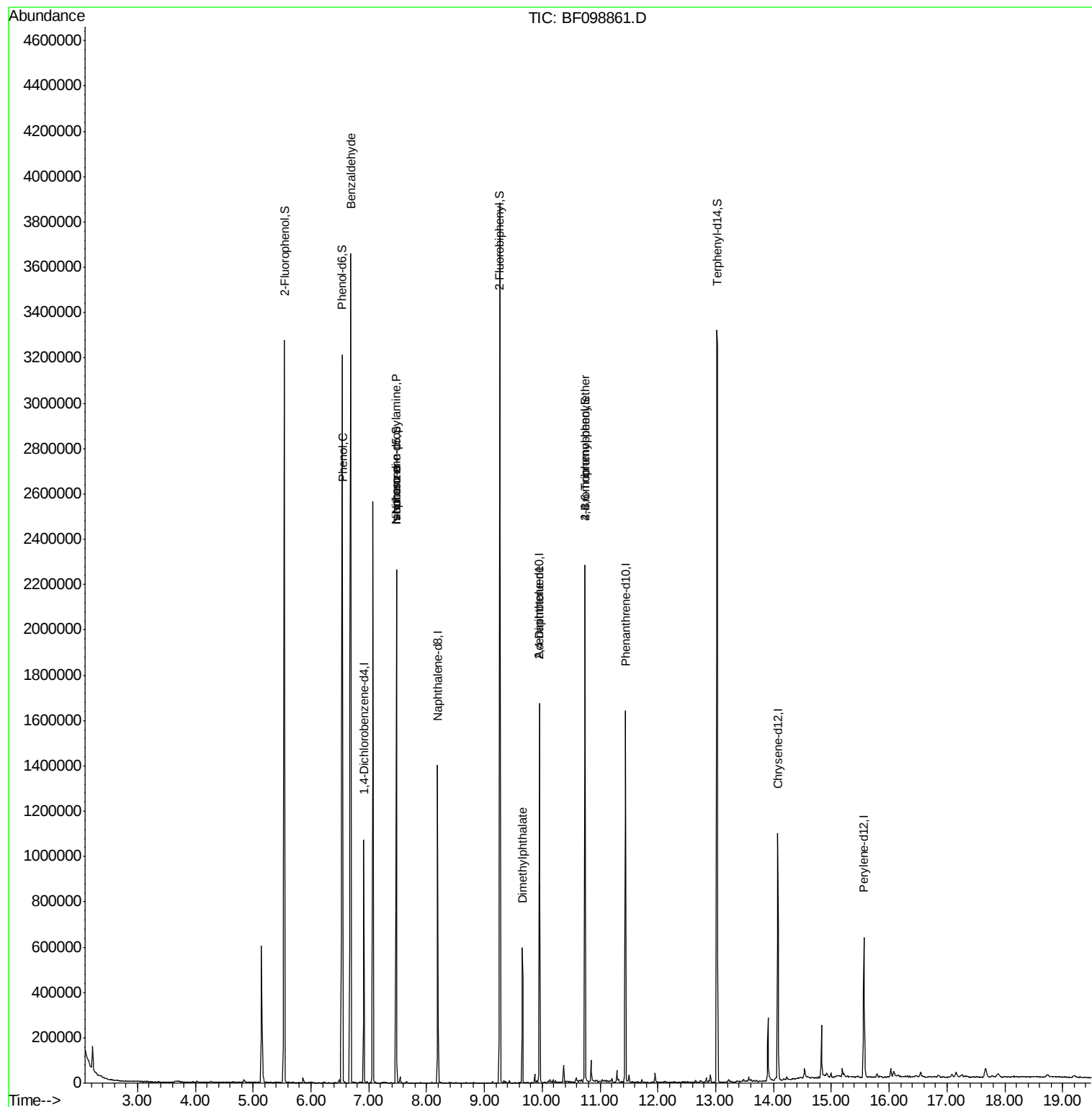
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	157022	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	655514	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	302939	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	526046	20.00	ng	0.00
75) Chrysene-d12	14.07	240	321299	20.00	ng	-0.01
86) Perylene-d12	15.57	264	274023	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1059057	107.37	ng	0.00
7) Phenol-d6	6.54	99	1359513	111.73	ng	0.00
23) Nitrobenzene-d5	7.47	82	794114	77.69	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	264487	106.70	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	1221454	67.31	ng	-0.01
78) Terphenyl-d14	13.03	244	1171409	82.91	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.69	77	22031	3.12	ng	89
10) Phenol	6.55	94	41334	3.04	ng	94
19) n-Nitroso-di-n-propylamine	7.47	70	104223	13.42	ng	# 76
25) Isophorone	7.47	82	794100	37.58	ng	# 64
49) Dimethylphthalate	9.66	163	227445	9.95	ng	100
56) 2,4-Dinitrotoluene	9.95	165	39442	6.11	ng	# 23
66) 4-Bromophenyl-phenylether	10.74	248	17699	3.44	ng	# 1

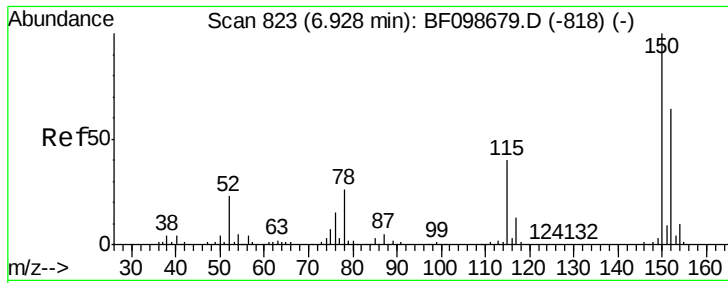
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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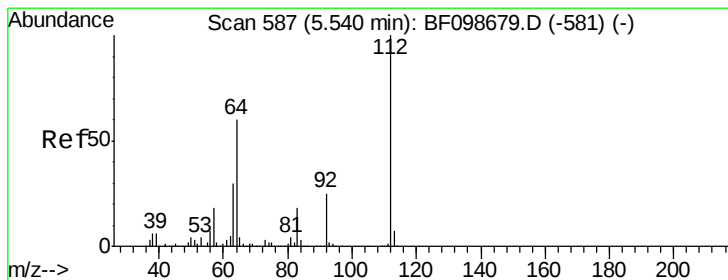
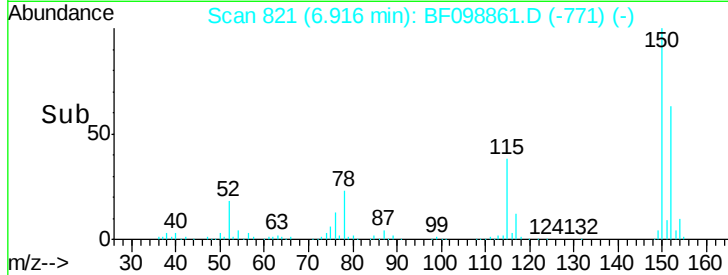
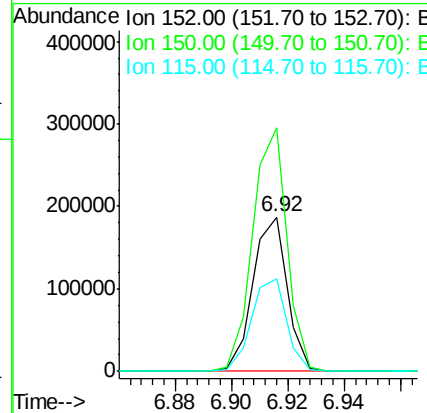
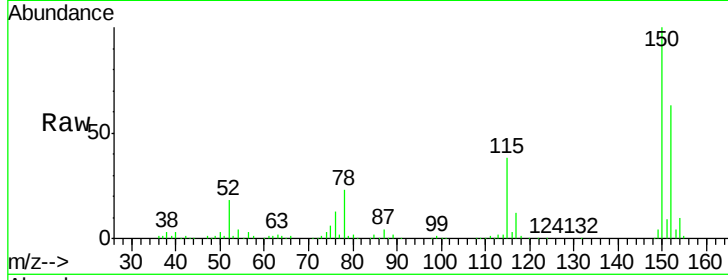


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098861.D
Acq: 27 Sep 2017 14:17

Instrument :
BNA_F
ClientSampleId :

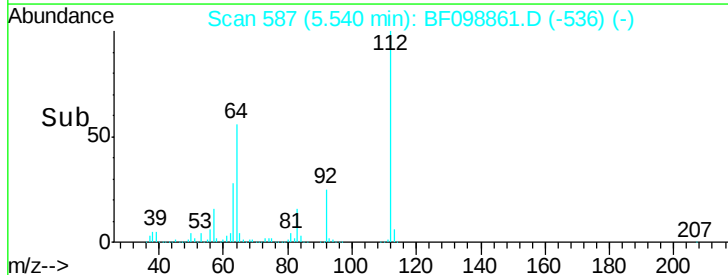
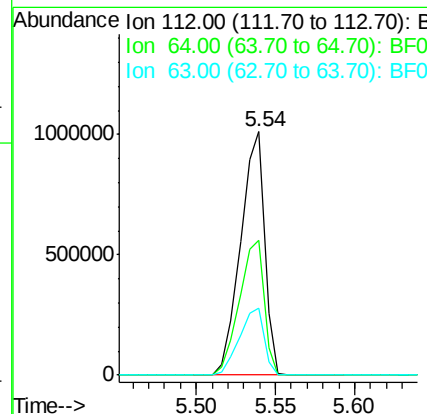
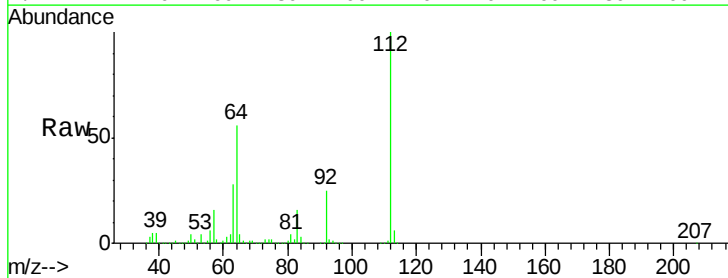
Tot Ion:152 Resp: 157022
Ion Ratio Lower Upper
152 100
150 157.8 124.6 186.8
115 60.1 50.1 75.1



#5

2-Fluorophenol
Concen: 107.37 ng
RT: 5.54 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF098861.D
Acq: 27 Sep 2017 14:17

Tgt Ion:112 Resp: 1059057
Ion Ratio Lower Upper
112 100
64 55.6 47.9 71.9
63 27.6 23.7 35.5





#7

Phenol-d6

Concen: 111.73 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF098861.D

Acq: 27 Sep 2017 14:17

Instrument :

BNA_F

ClientSampleId :

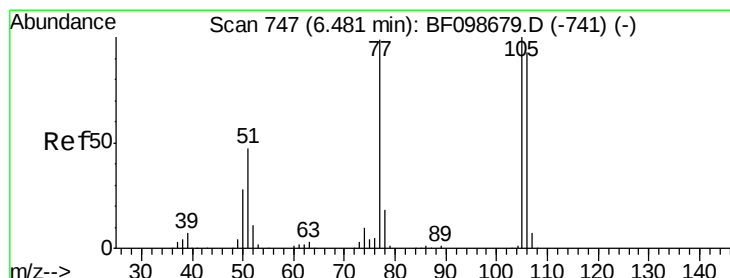
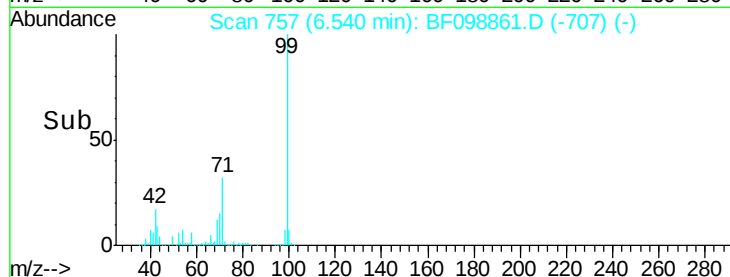
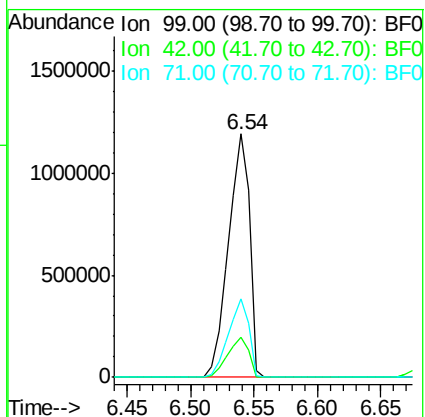
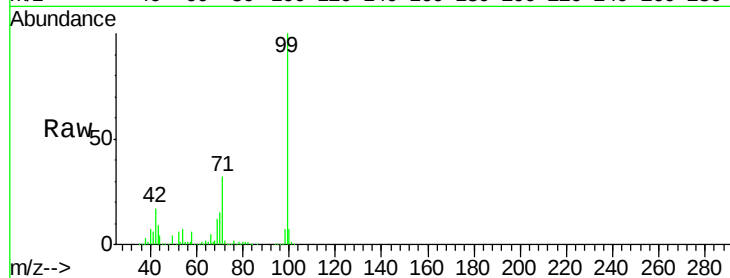
Tot Ion: 99 Resp: 1359513

Ion Ratio Lower Upper

99 100

42 16.7 14.5 21.7

71 32.0 25.4 38.0



#9

Benzaldehyde

Concen: 3.12 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.21 min

Lab File: BF098861.D

Acq: 27 Sep 2017 14:17

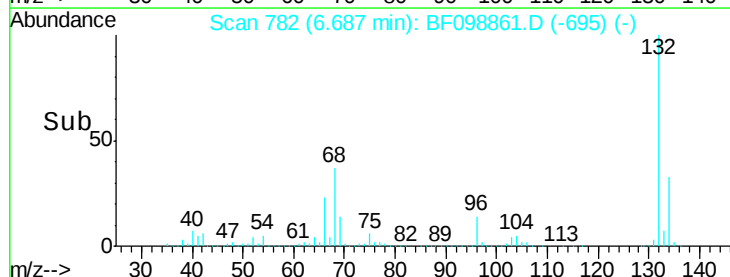
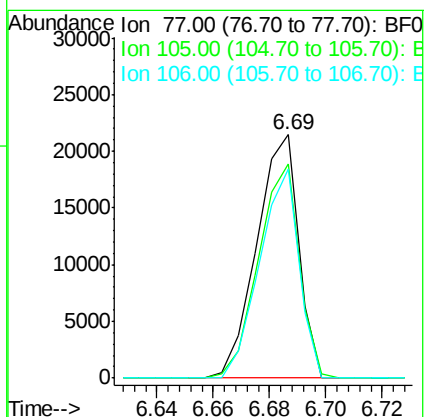
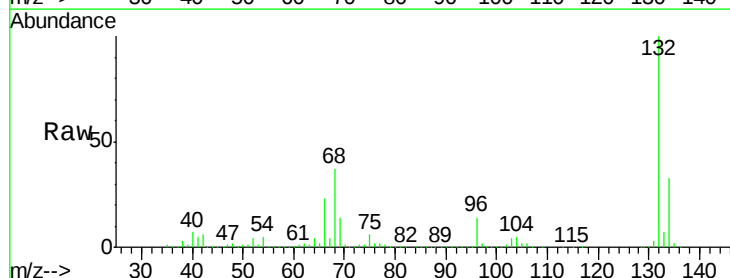
Tgt Ion: 77 Resp: 22031

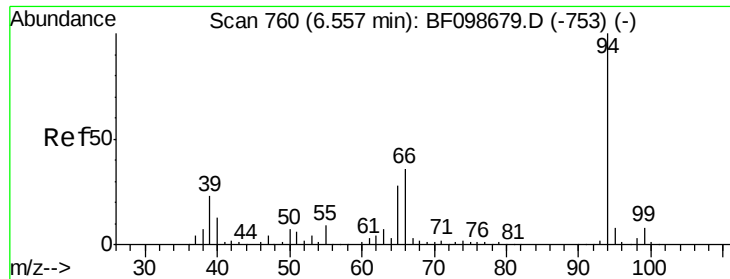
Ion Ratio Lower Upper

77 100

105 87.9 81.1 121.1

106 86.0 74.5 114.5

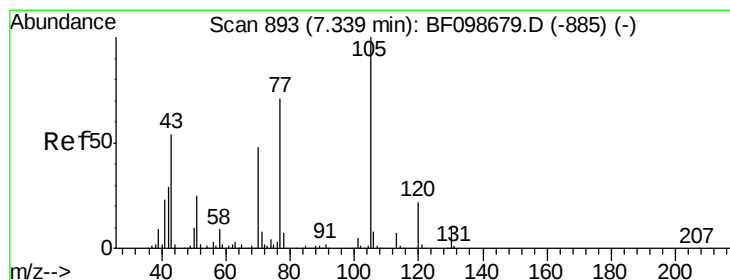
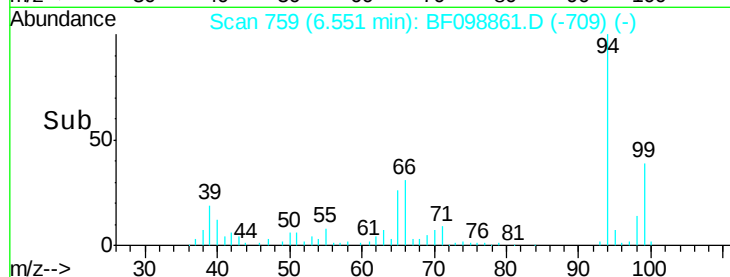
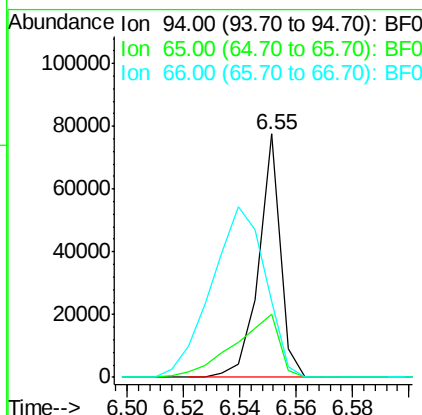
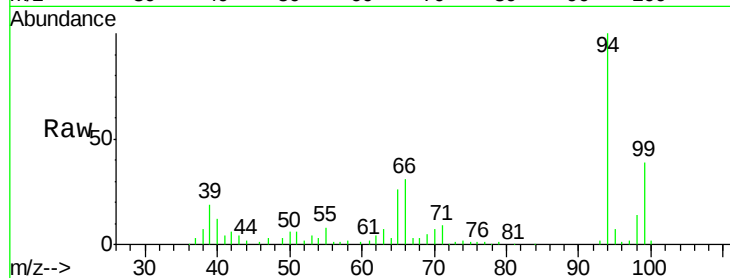




#10
Phenol
Concen: 3.04 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF098861.D
Acq: 27 Sep 2017 14:17

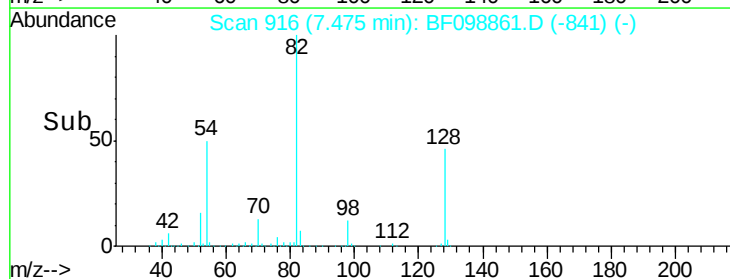
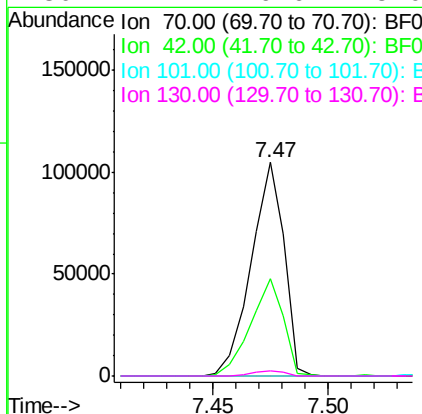
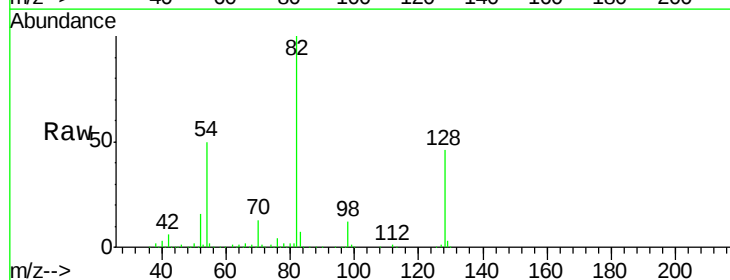
Instrument :
BNA_F
ClientSampled :

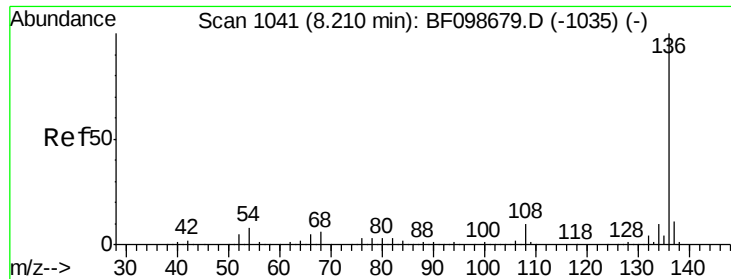
Tot Ion: 94 Resp: 41334
Ion Ratio Lower Upper
94 100
65 25.7 7.9 47.9
66 31.4 16.2 56.2



#19
n-Nitroso-di-n-propylamine
Concen: 13.42 ng
RT: 7.47 min Scan# 916
Delta R.T. 0.14 min
Lab File: BF098861.D
Acq: 27 Sep 2017 14:17

Tgt Ion: 70 Resp: 104223
Ion Ratio Lower Upper
70 100
42 45.9 47.5 71.3#
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#

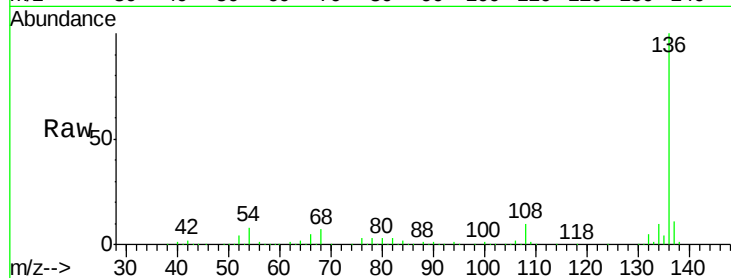




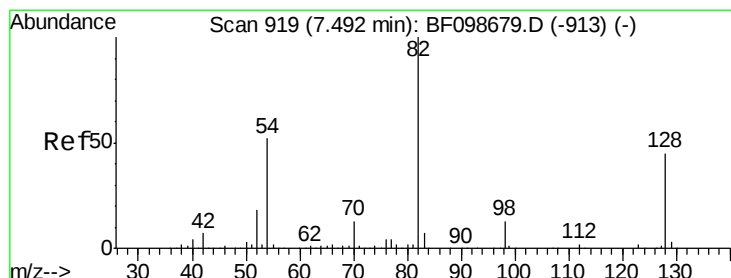
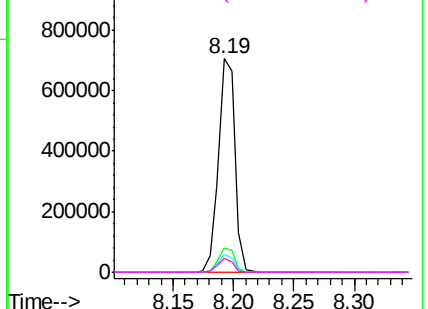
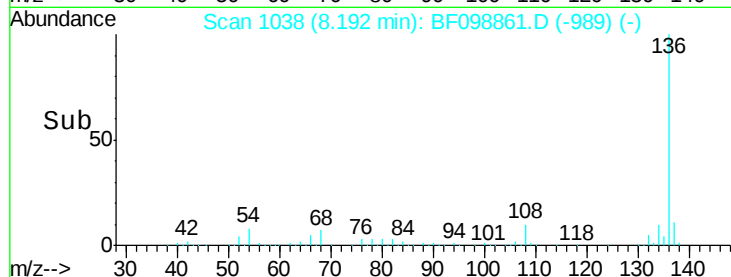
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF098861.D
Acq: 27 Sep 2017 14:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	655514
Ion	Ratio	Lower Upper
136	100	
137	11.2	8.9 13.3
54	8.2	6.6 9.8
68	6.5	5.0 7.4

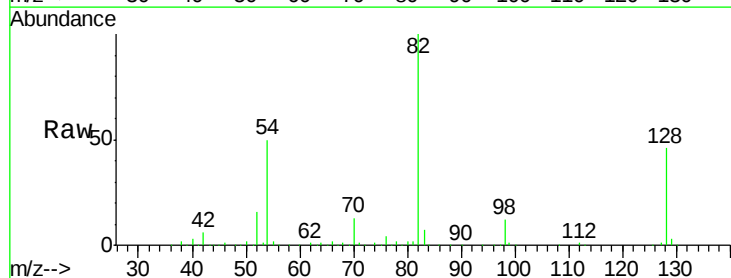


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

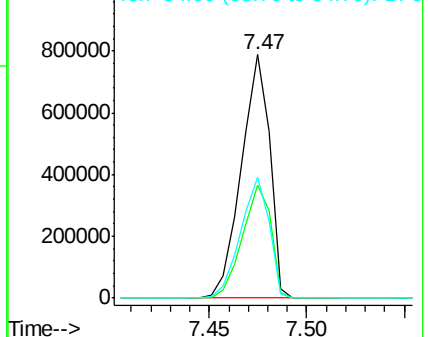
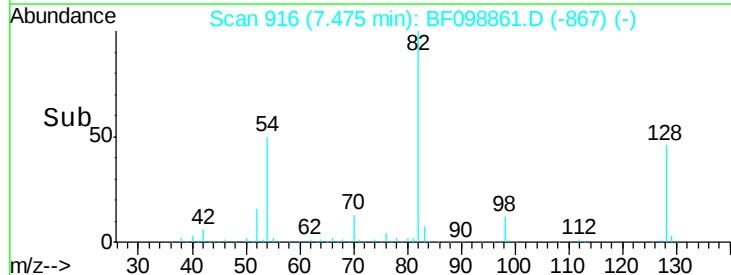


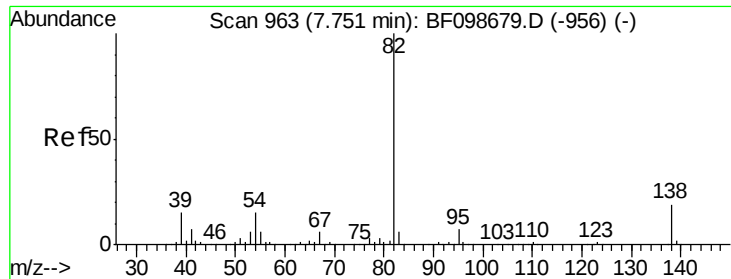
#23
Nitrobenzene-d5
Concen: 77.69 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF098861.D
Acq: 27 Sep 2017 14:17

Tgt Ion: 82	Resp:	794114
Ion	Ratio	Lower Upper
82	100	
128	46.2	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): E
Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 37.58 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.27 min

Lab File: BF098861.D

Acq: 27 Sep 2017 14:17

Instrument :

BNA_F

ClientSampleId :

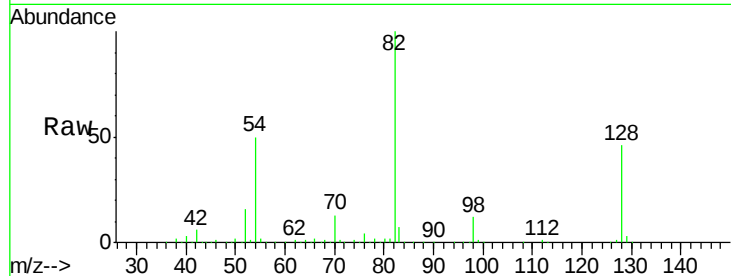
Tot Ion: 82 Resp: 794100

Ion Ratio Lower Upper

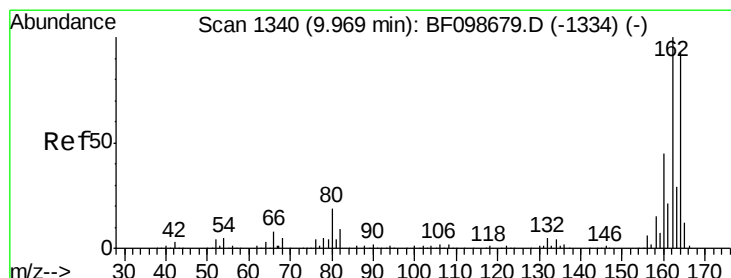
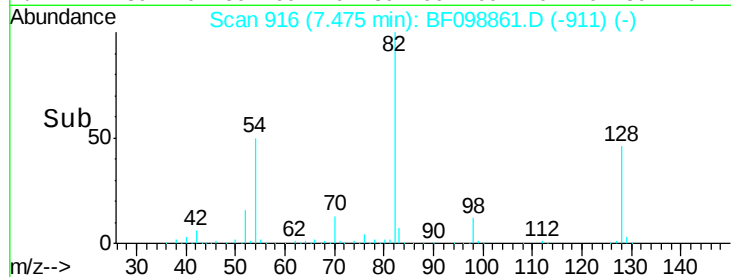
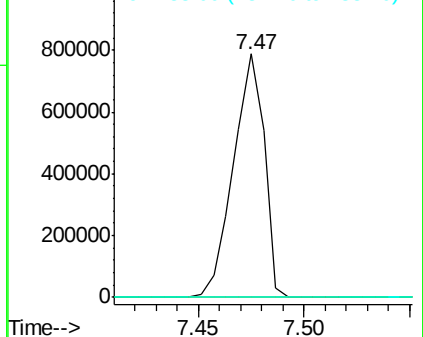
82 100

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): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF098861.D

Acq: 27 Sep 2017 14:17

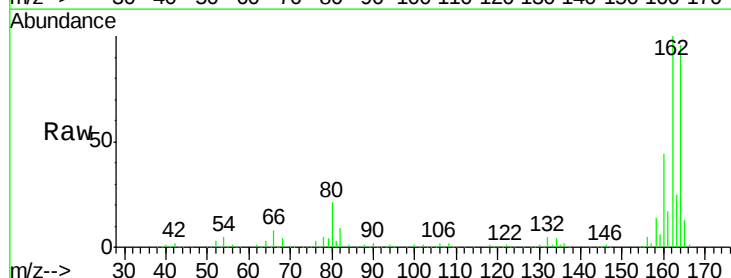
Tgt Ion: 164 Resp: 302939

Ion Ratio Lower Upper

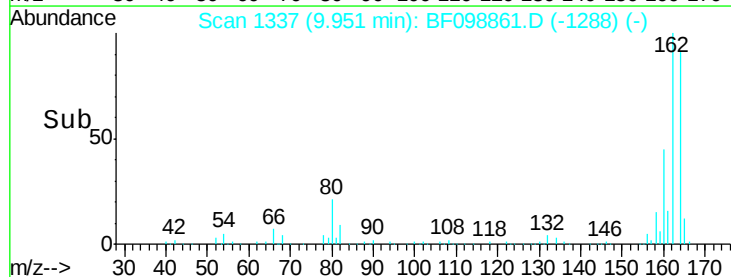
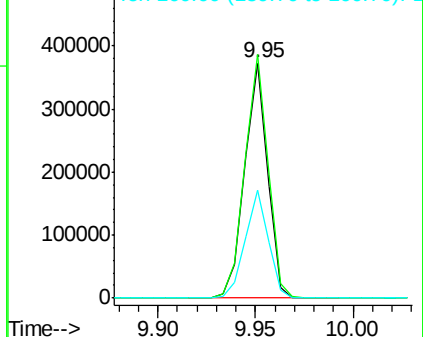
164 100

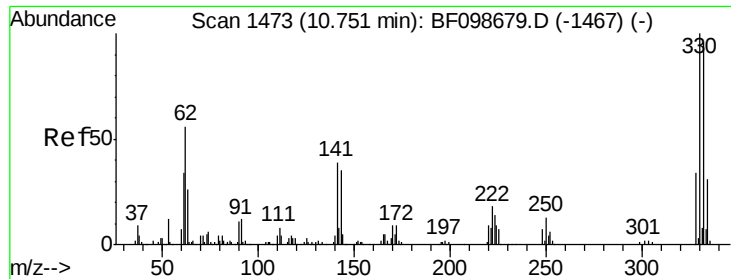
162 103.7 86.1 129.1

160 45.9 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

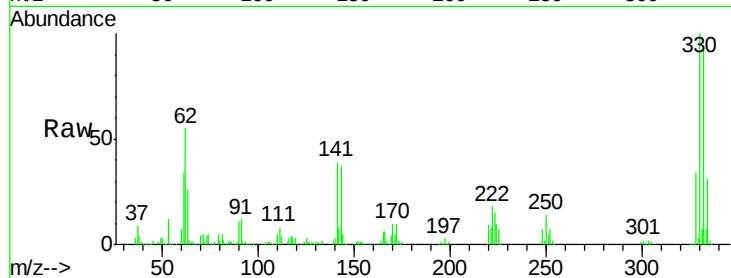




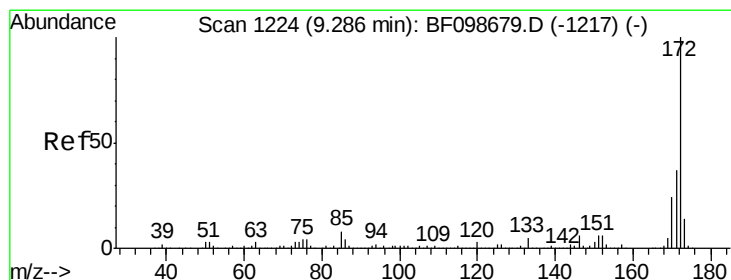
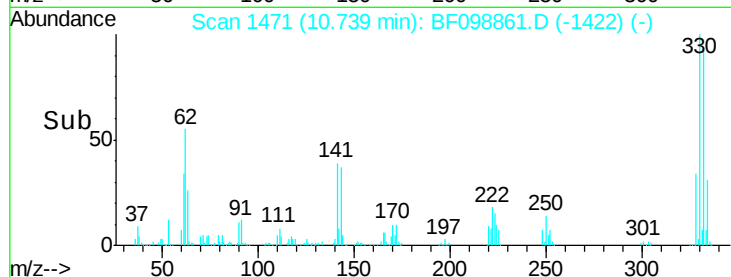
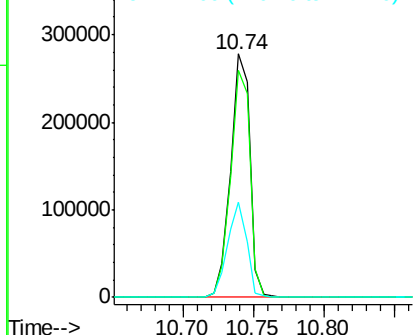
#41
 2,4,6-Tribromophenol
 Concen: 106.70 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.01 min
 Lab File: BF098861.D
 Acq: 27 Sep 2017 14:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.0	115.6
141	38.8	29.9	44.9

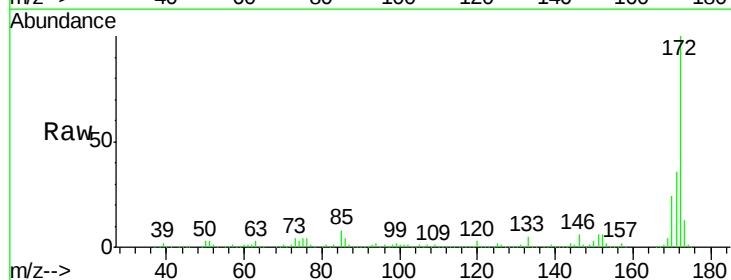


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

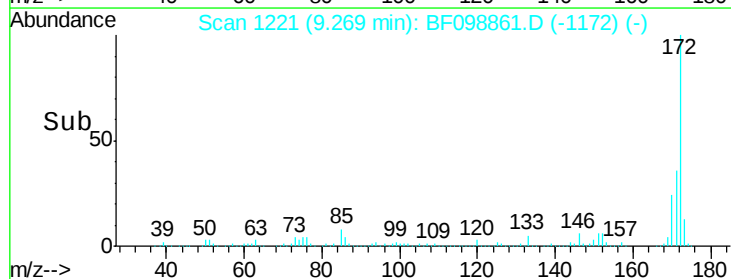
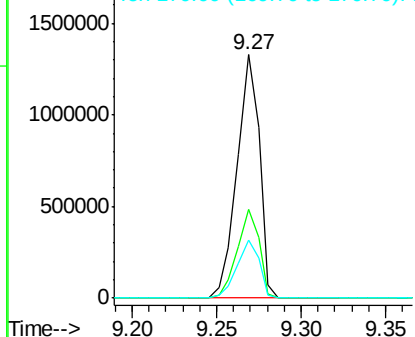


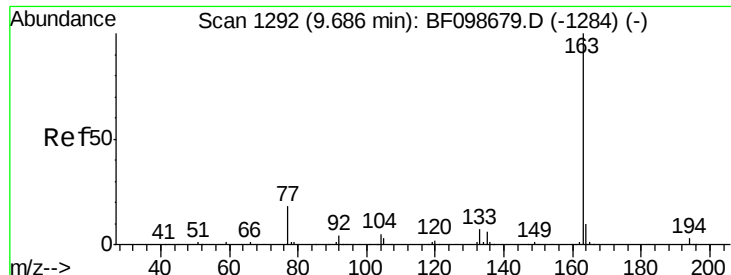
#44
 2-Fluorobiphenyl
 Concen: 67.31 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF098861.D
 Acq: 27 Sep 2017 14:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.0	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

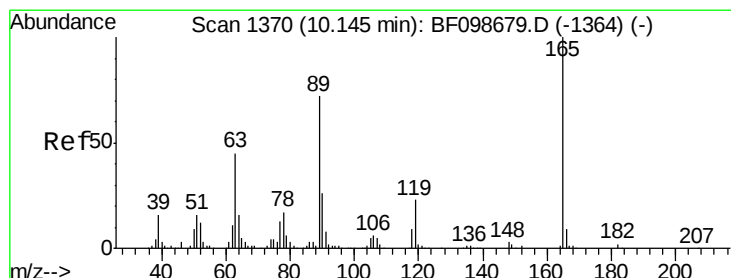
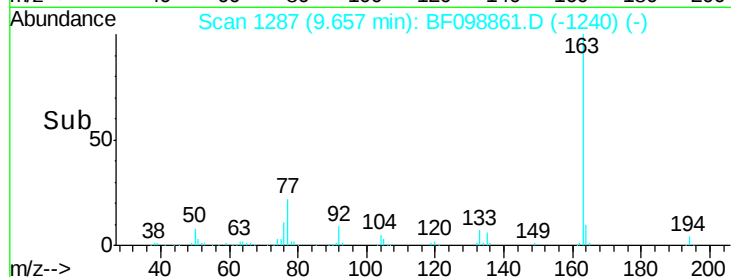
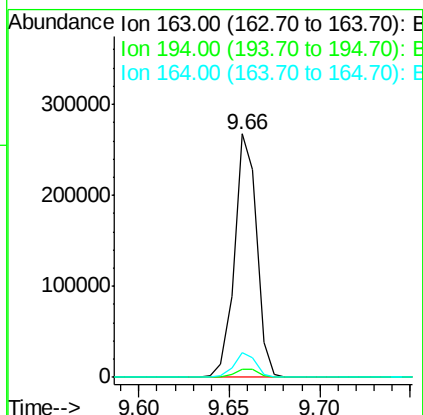
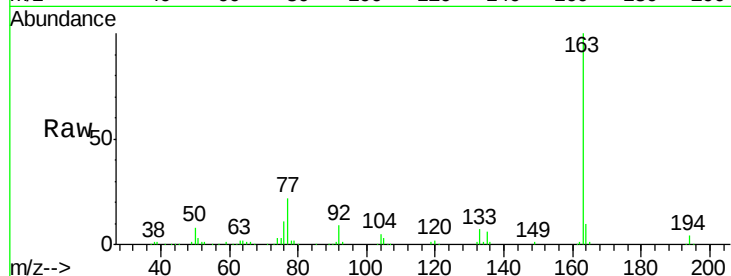




#49
Dimethylphthalate
Concen: 9.95 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BF098861.D
Acq: 27 Sep 2017 14:17

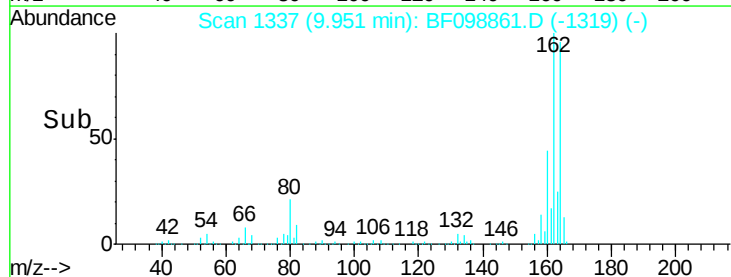
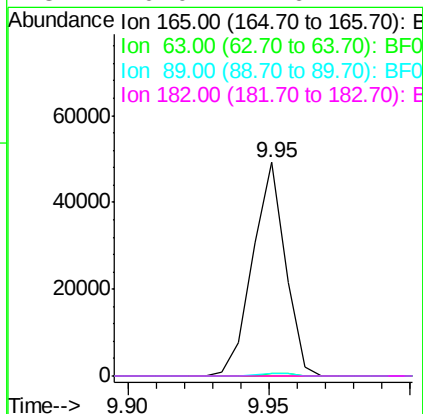
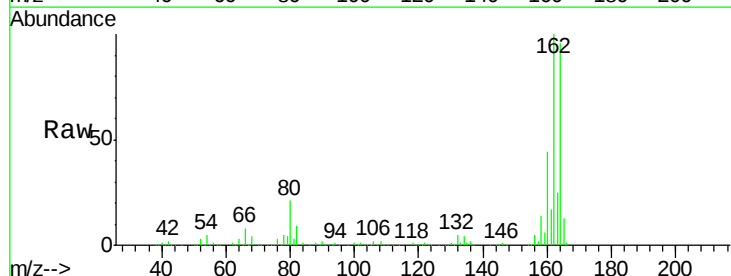
Instrument :
BNA_F
ClientSampleId :

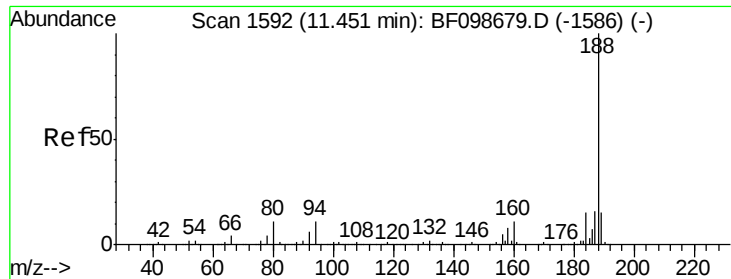
Tot Ion:163 Resp: 227445
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.2 8.2 12.2



#56
2,4-Dinitrotoluene
Concen: 6.11 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.19 min
Lab File: BF098861.D
Acq: 27 Sep 2017 14:17

Tgt Ion:165 Resp: 39442
Ion Ratio Lower Upper
165 100
63 1.3 36.4 54.6#
89 1.1 57.8 86.6#
182 0.0 1.6 2.4#

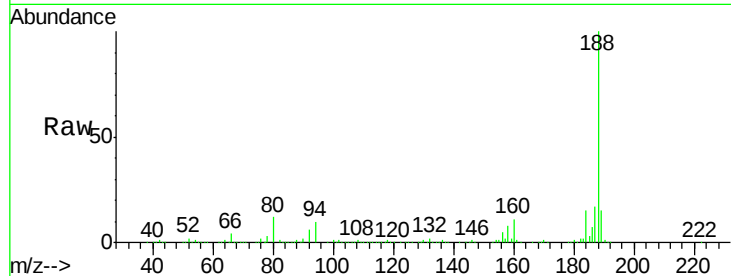




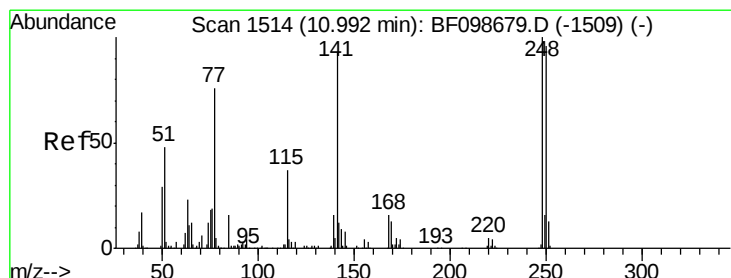
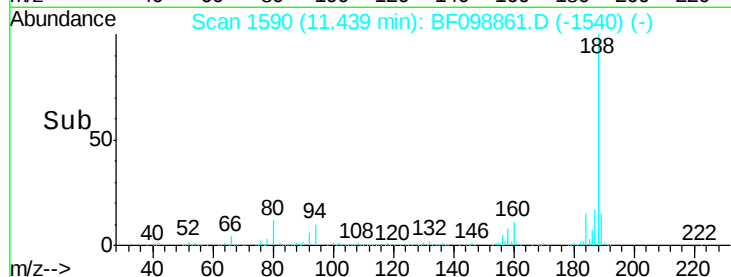
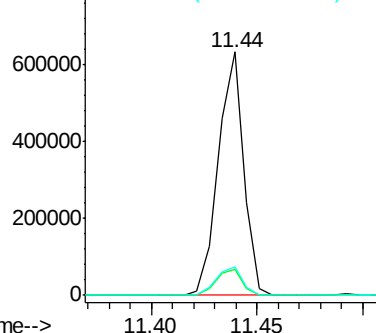
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098861.D
Acq: 27 Sep 2017 14:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 526046
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 11.8 9.2 13.8

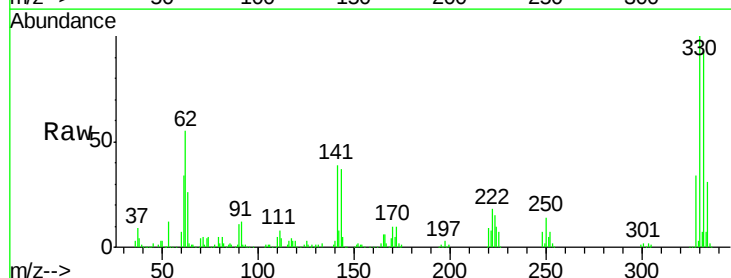


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

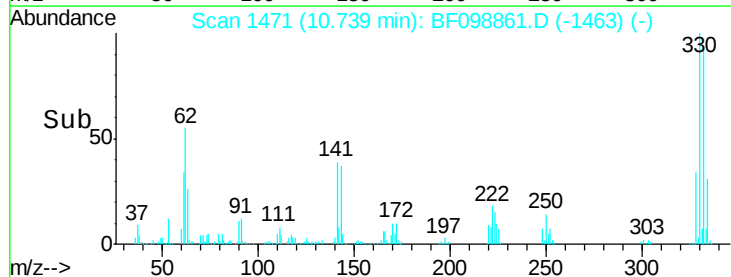
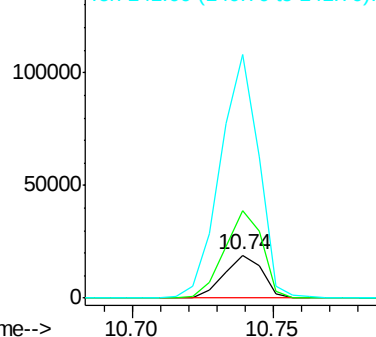


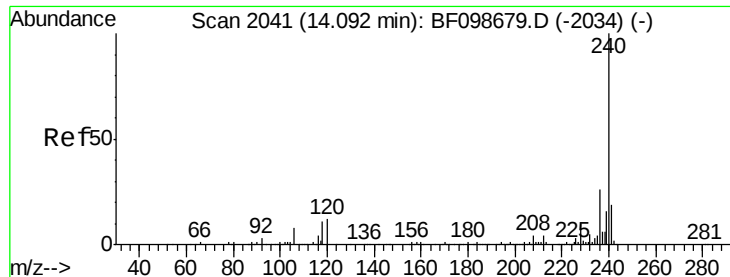
#66
4-Bromophenyl-phenylether
Concen: 3.44 ng
RT: 10.74 min Scan# 1471
Delta R.T. -0.25 min
Lab File: BF098861.D
Acq: 27 Sep 2017 14:17

Tgt Ion:248 Resp: 17699
Ion Ratio Lower Upper
248 100
250 205.4 76.9 115.3#
141 569.4 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: BF098861.D

Acq: 27 Sep 2017 14:17

Instrument :

BNA_F

ClientSampleId :

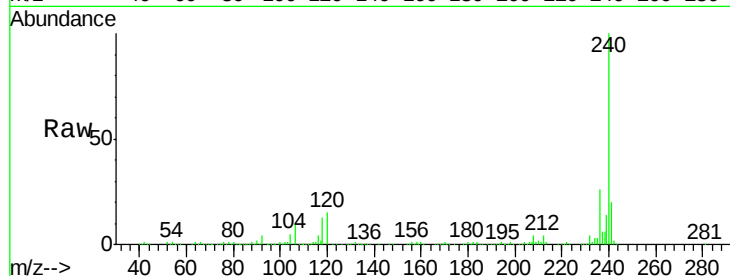
Tot Ion:240 Resp: 321299

Ion Ratio Lower Upper

240 100

120 14.6 9.5 14.3#

236 26.2 20.7 31.1

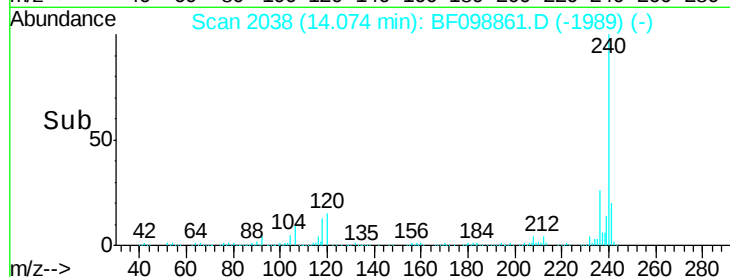


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

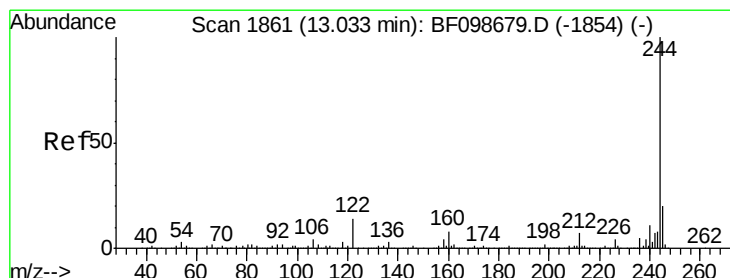
Ion 236.00 (235.70 to 236.70): E

Time--> 14.00 14.05 14.10 14.15



Abundance

Time--> 14.00 14.05 14.10 14.15



#78

Terphenyl-d14

Concen: 82.91 ng

RT: 13.03 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BF098861.D

Acq: 27 Sep 2017 14:17

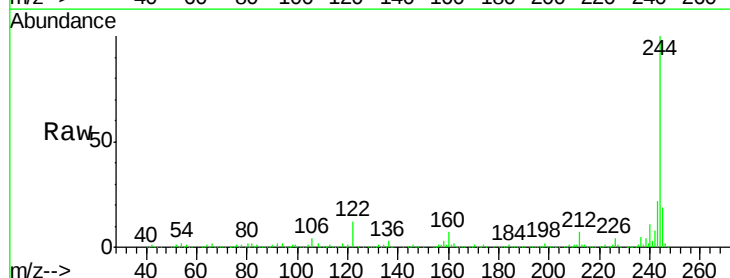
Tgt Ion:244 Resp: 1171409

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

122 12.2 11.0 16.4

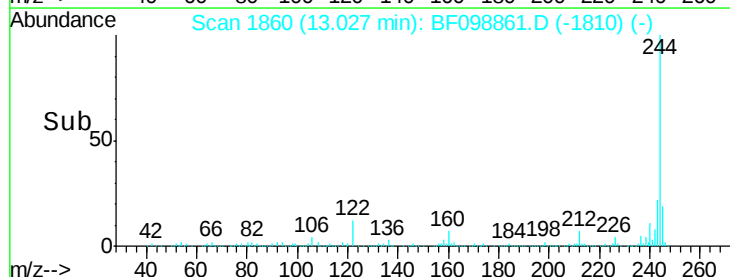


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

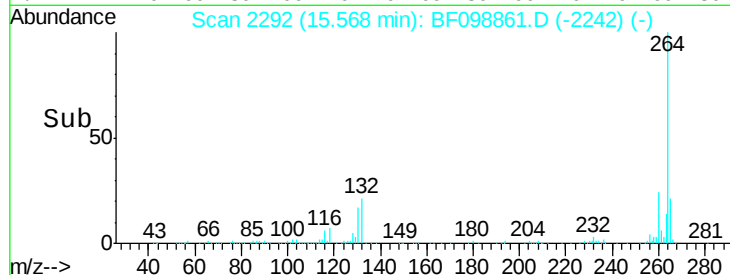
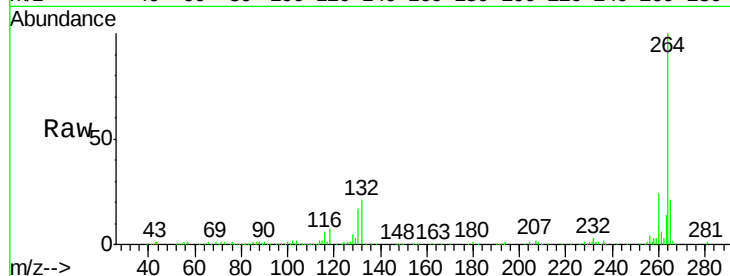
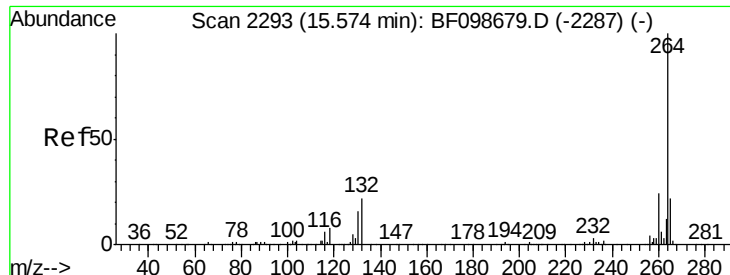
Ion 122.00 (121.70 to 122.70): E

Time--> 12.95 13.00 13.05 13.10



Abundance

Time--> 12.95 13.00 13.05 13.10



#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.57 min Scan# 2292
 Delta R.T. -0.01 min
 Lab File: BF098861.D
 Acq: 27 Sep 2017 14:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	274023
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	20.6	17.5	26.3

