

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
 Data File : BF098792.D
 Acq On : 25 Sep 2017 19:39
 Operator : SJ/JU
 Sample : I5395-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 26 05:19:09 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

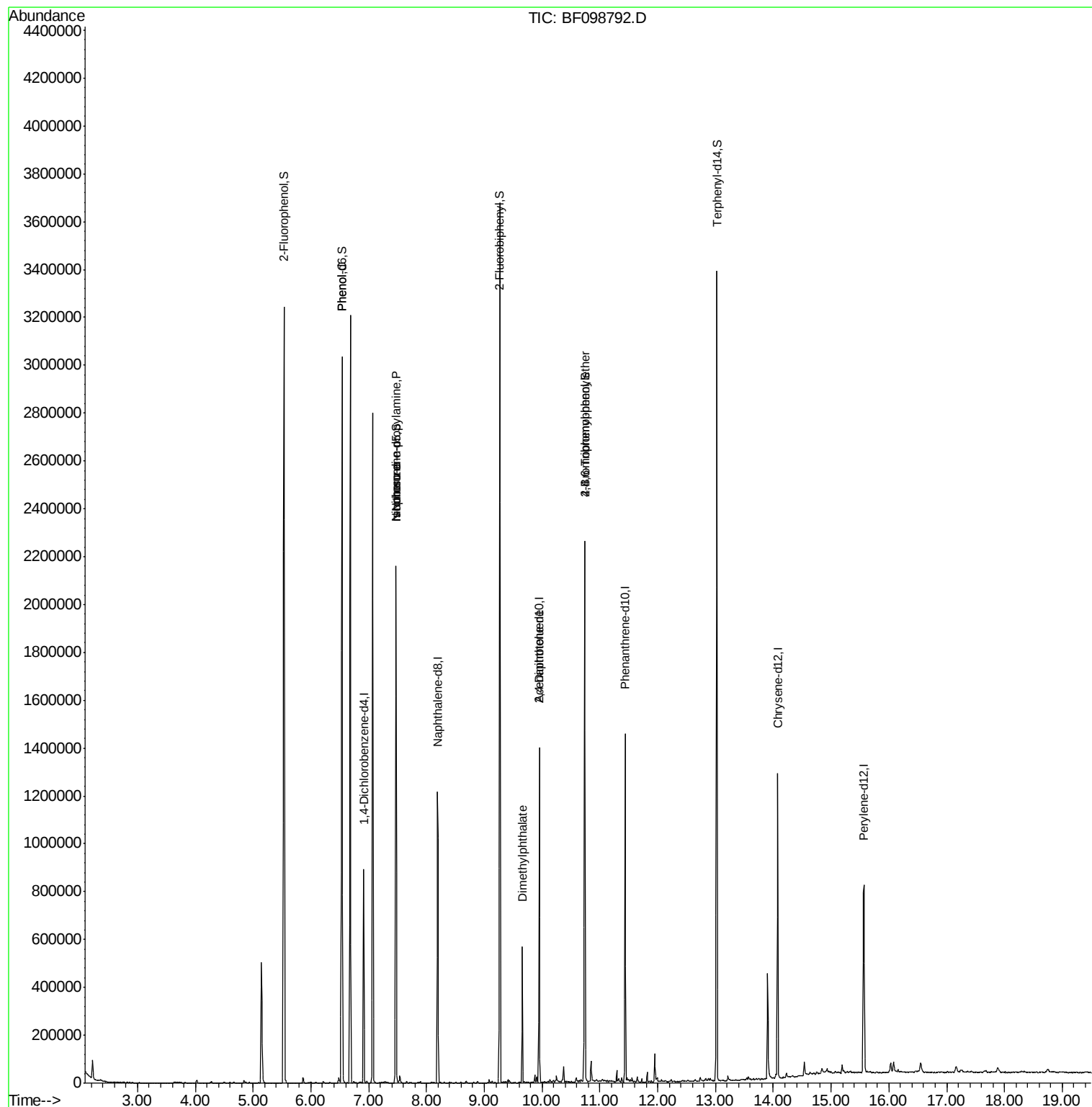
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	132159	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	553128	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	256009	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	472050	20.00	ng	0.00
75) Chrysene-d12	14.07	240	391243	20.00	ng	-0.01
86) Perylene-d12	15.57	264	342280	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	998163	120.23	ng	0.00
7) Phenol-d6	6.54	99	1210598	118.21	ng	0.00
23) Nitrobenzene-d5	7.47	82	703879	81.61	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	260489	124.35	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	1173983	76.55	ng	-0.01
78) Terphenyl-d14	13.02	244	1128107	65.57	ng	-0.01
Target Compounds						
10) Phenol	6.55	94	43681	3.814	ng	86
19) n-Nitroso-di-n-propylamine	7.47	70	92994	14.222	ng	# 78
25) Isophorone	7.47	82	703868	39.471	ng	# 64
49) Dimethylphthalate	9.66	163	207360	10.732	ng	100
56) 2,4-Dinitrotoluene	9.95	165	32083	5.877	ng	# 23
66) 4-Bromophenyl-phenylether	10.74	248	18441	3.991	ng	# 1

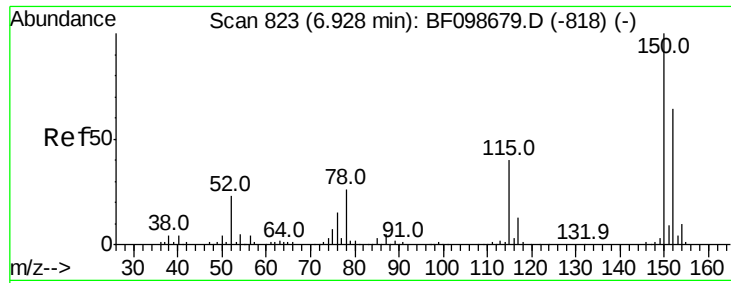
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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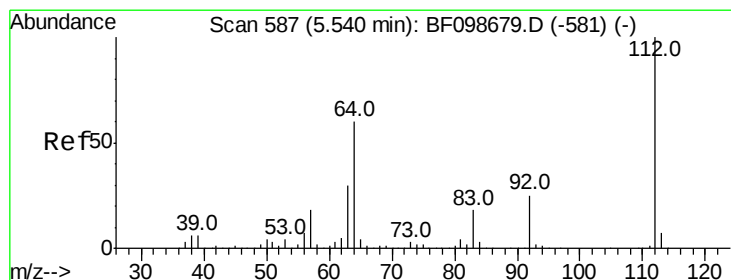
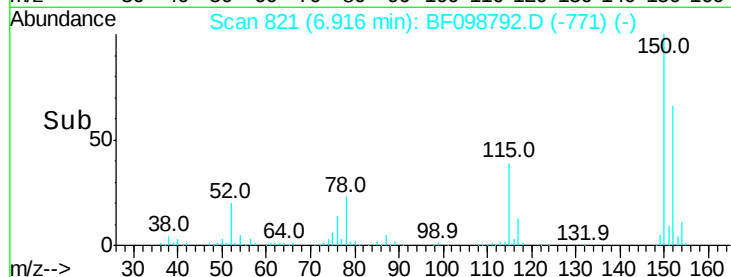
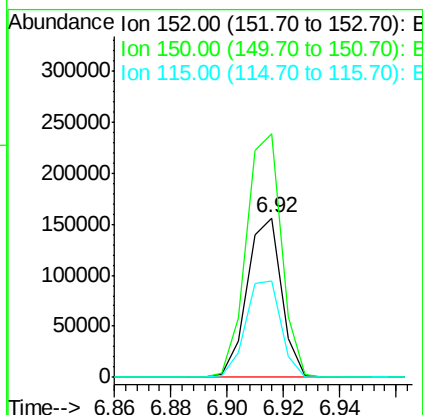
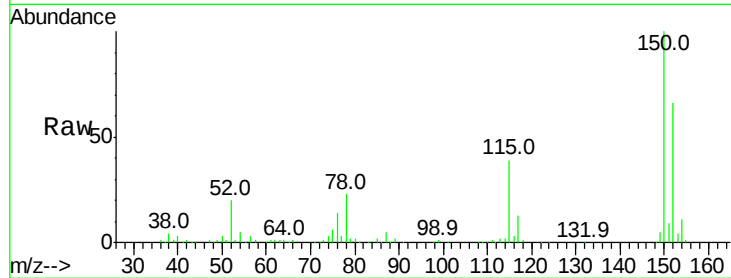


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098792.D
Acq: 25 Sep 2017 19:39

Instrument :
BNA_F
ClientSampleId :

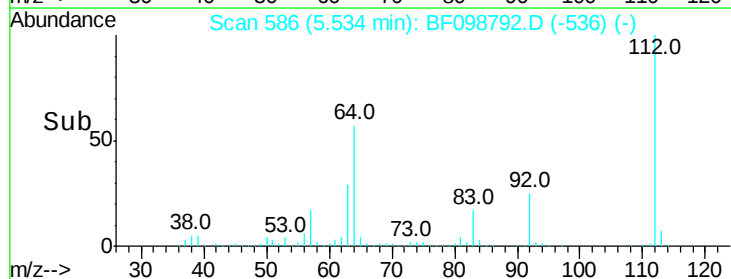
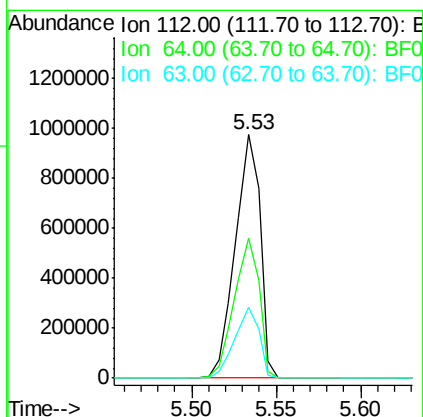
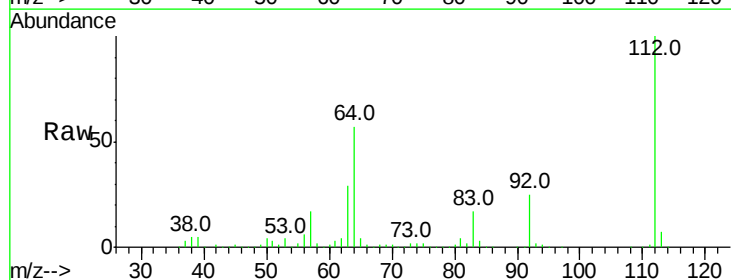
Tot Ion:152 Resp: 132159
Ion Ratio Lower Upper
152 100
150 152.5 124.6 186.8
115 60.1 50.1 75.1

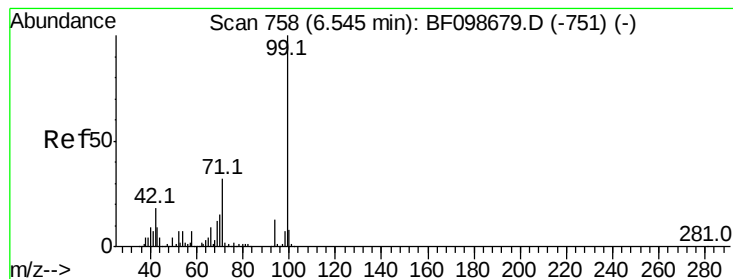


#5

2-Fluorophenol
Concen: 120.232 ng
RT: 5.53 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF098792.D
Acq: 25 Sep 2017 19:39

Tgt Ion:112 Resp: 998163
Ion Ratio Lower Upper
112 100
64 57.3 47.9 71.9
63 28.9 23.7 35.5





#7

Phenol-d6

Concen: 118.206 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF098792.D

Acq: 25 Sep 2017 19:39

Instrument :

BNA_F

ClientSampled :

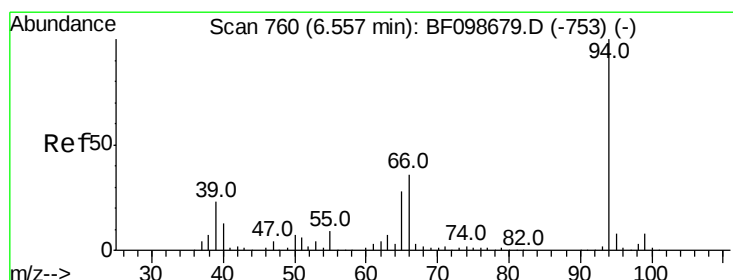
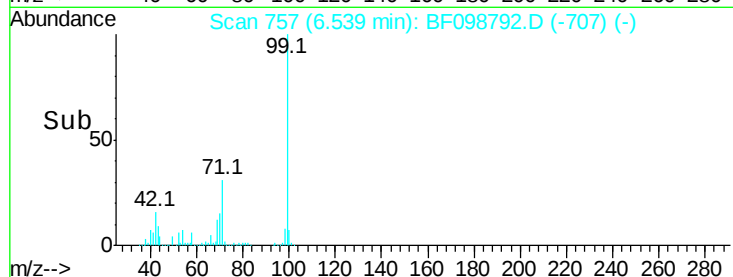
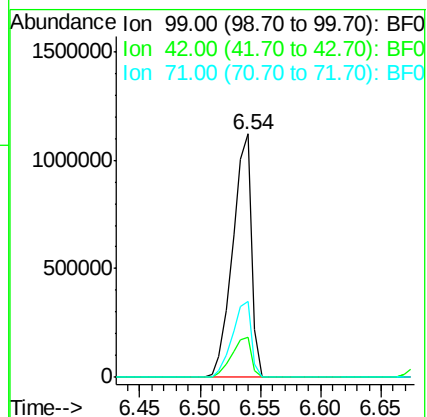
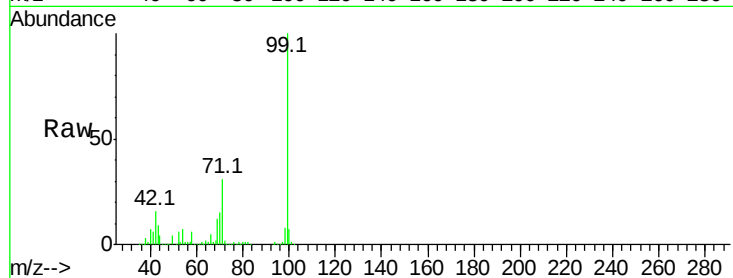
Tot Ion: 99 Resp: 1210598

Ion Ratio Lower Upper

99 100

42 16.4 14.5 21.7

71 31.1 25.4 38.0



#10

Phenol

Concen: 3.814 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF098792.D

Acq: 25 Sep 2017 19:39

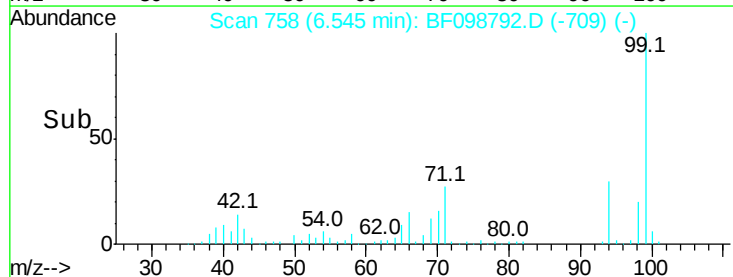
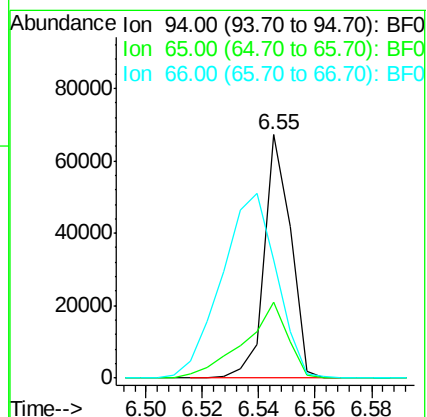
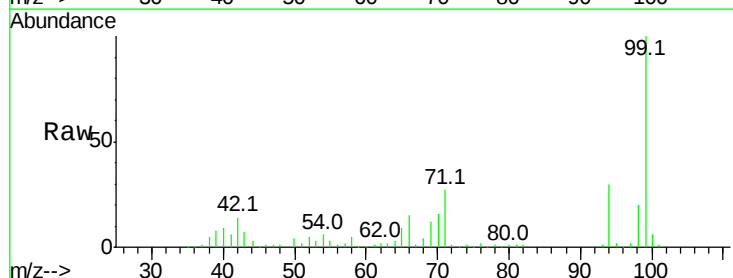
Tgt Ion: 94 Resp: 43681

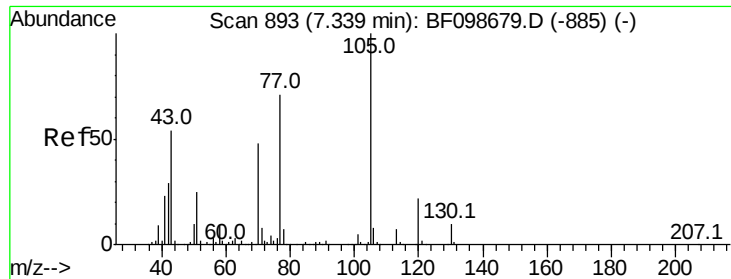
Ion Ratio Lower Upper

94 100

65 30.9 7.9 47.9

66 48.5 16.2 56.2

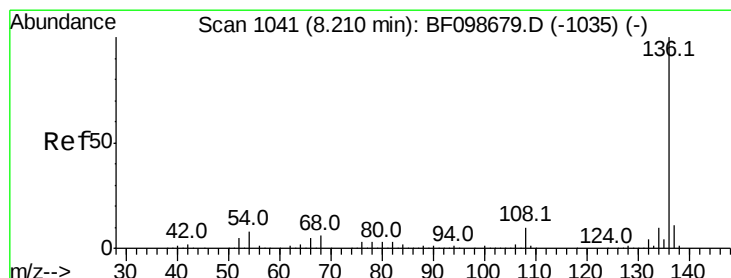
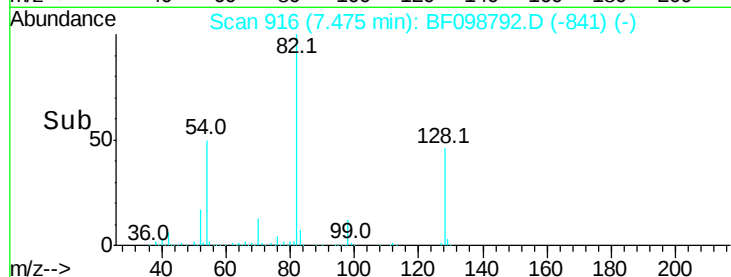
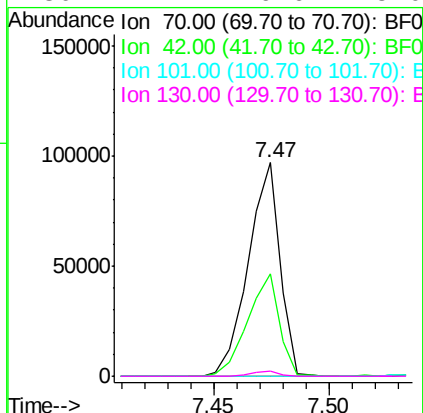
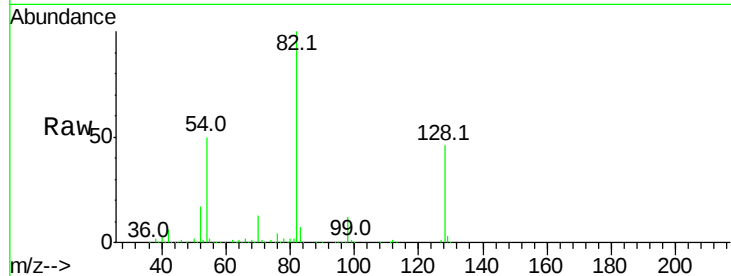




#19
n-Nitroso-di-n-propylamine
Concen: 14.222 ng
RT: 7.47 min Scan# 916
Delta R.T. 0.14 min
Lab File: BF098792.D
Acq: 25 Sep 2017 19:39

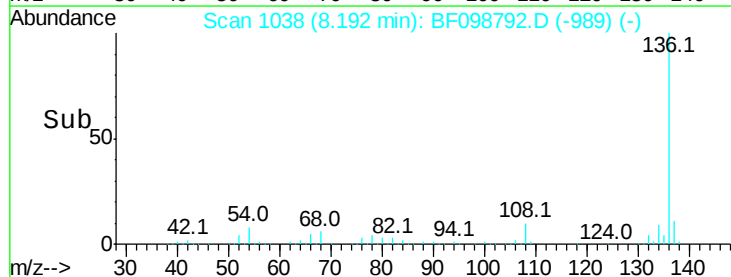
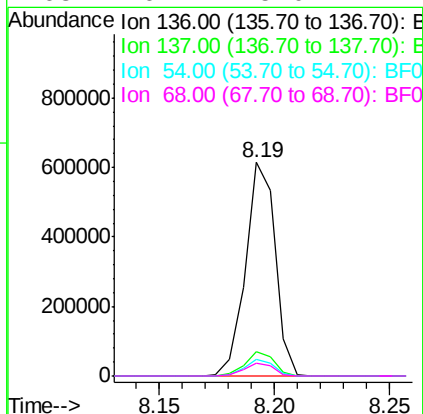
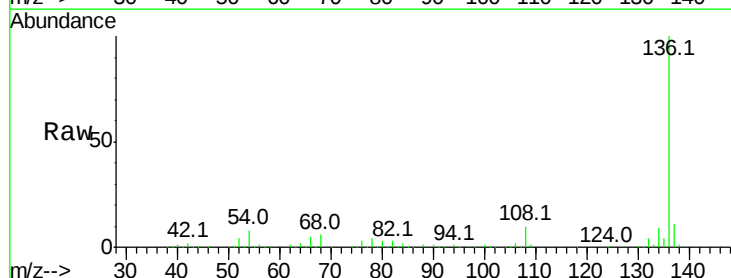
Instrument :
BNA_F
ClientSampled :

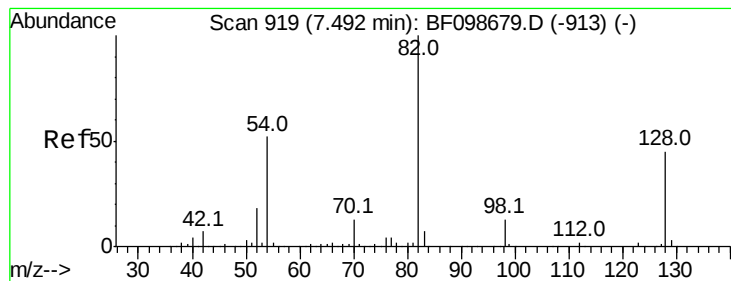
Tot Ion: 70 Resp: 92994
Ion Ratio Lower Upper
70 100
42 47.8 47.5 71.3
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF098792.D
Acq: 25 Sep 2017 19:39

Tgt Ion: 136 Resp: 553128
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





#23

Nitrobenzene-d5

Concen: 81.608 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF098792.D

Acq: 25 Sep 2017 19:39

Instrument :

BNA_F

ClientSampleId :

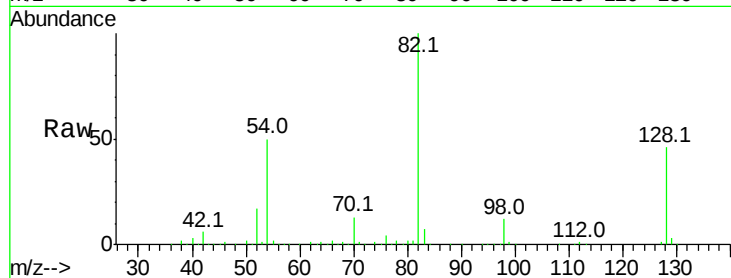
Tot Ion: 82 Resp: 703879

Ion Ratio Lower Upper

82 100

128 45.7 36.1 54.1

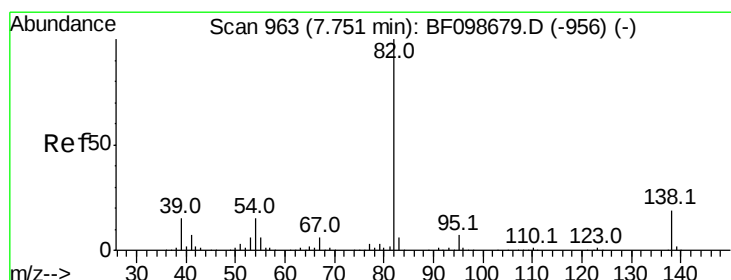
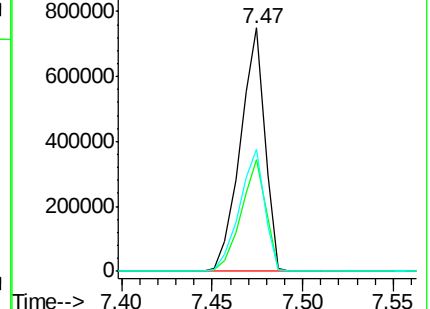
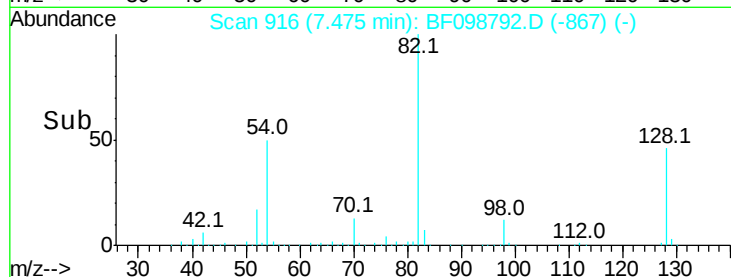
54 50.2 41.4 62.2



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: 39.471 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.27 min

Lab File: BF098792.D

Acq: 25 Sep 2017 19:39

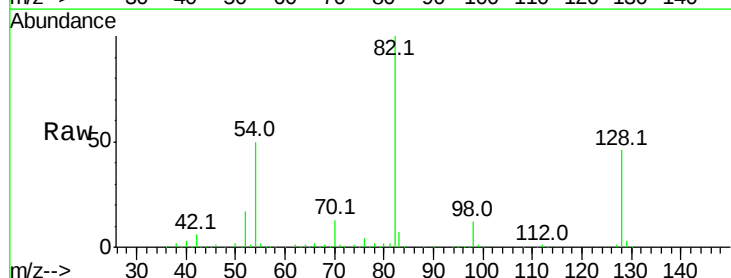
Tgt Ion: 82 Resp: 703868

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

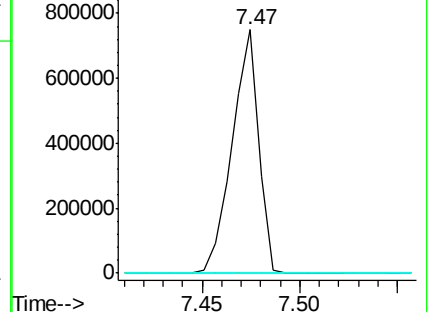
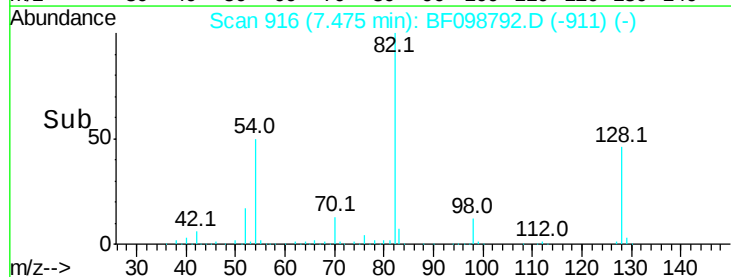
138 0.0 14.9 22.3#

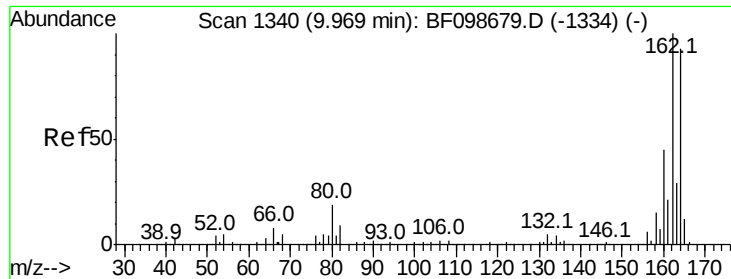


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

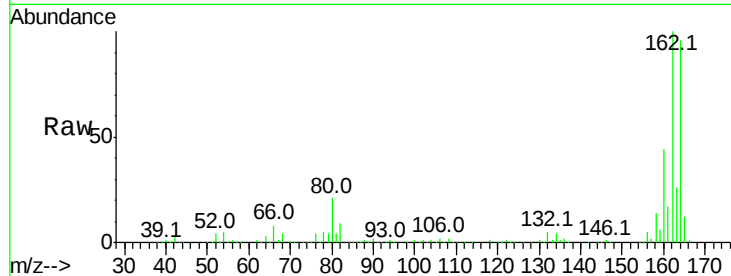




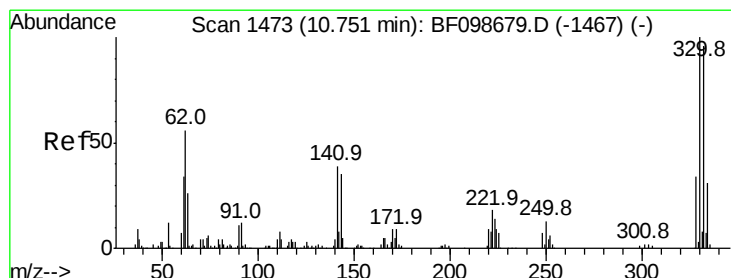
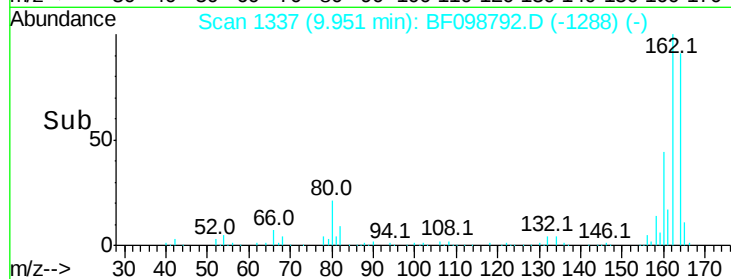
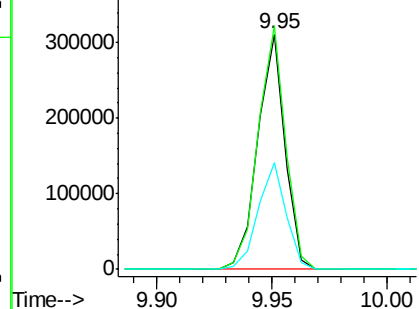
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF098792.D
Acq: 25 Sep 2017 19:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 256009
Ion Ratio Lower Upper
164 100
162 103.7 86.1 129.1
160 45.4 38.3 57.5

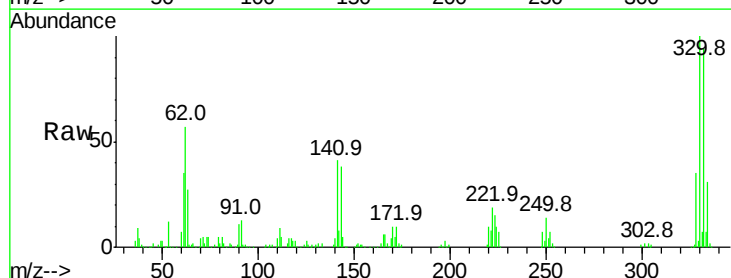


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

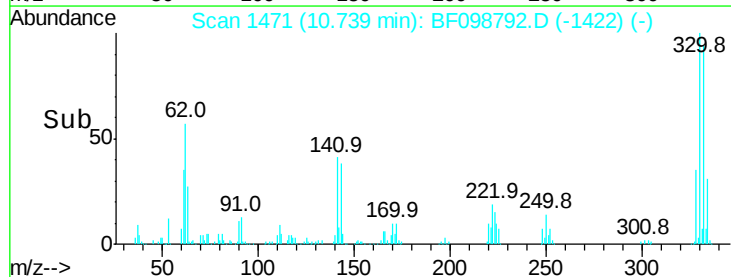
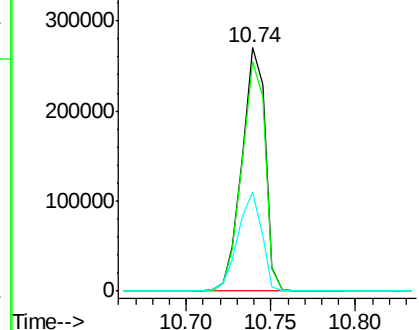


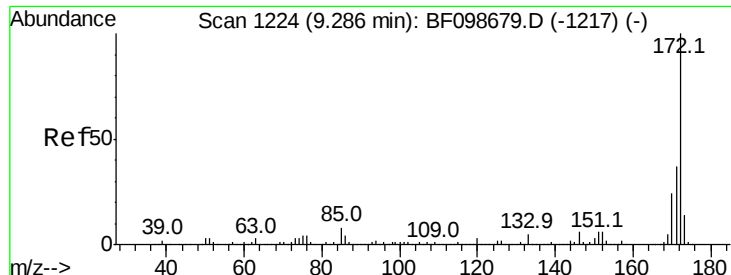
#41
2,4,6-Tribromophenol
Concen: 124.347 ng
RT: 10.74 min Scan# 1471
Delta R.T. -0.01 min
Lab File: BF098792.D
Acq: 25 Sep 2017 19:39

Tgt Ion:330 Resp: 260489
Ion Ratio Lower Upper
330 100
332 95.3 77.0 115.6
141 41.4 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



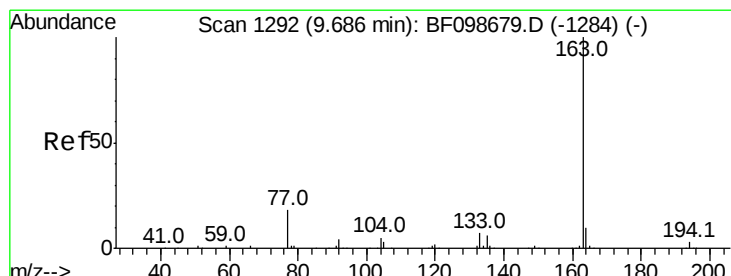
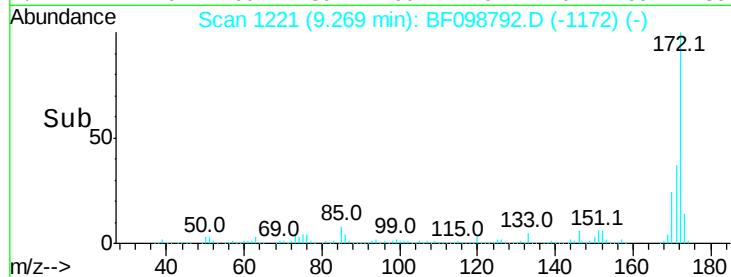
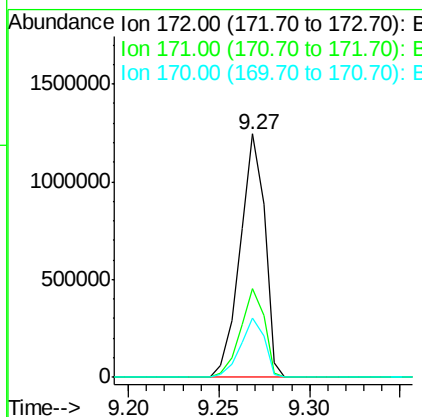
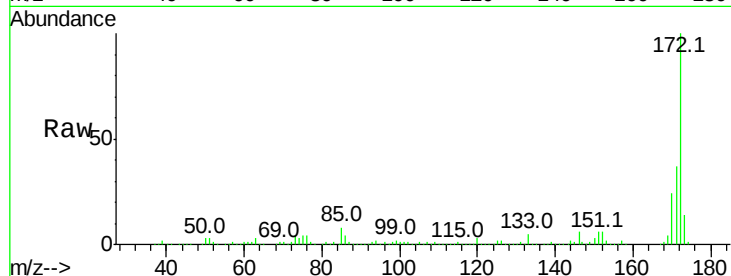


#44
 2-Fluorobiphenyl
 Concen: 76.555 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF098792.D
 Acq: 25 Sep 2017 19:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1173983

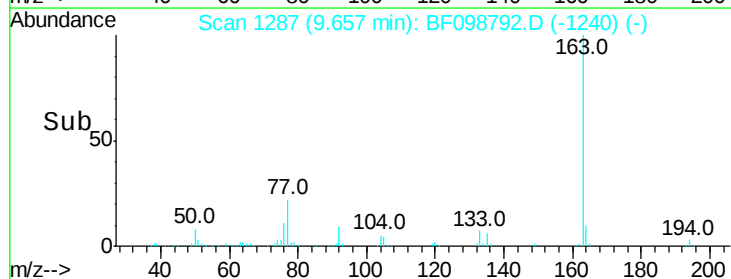
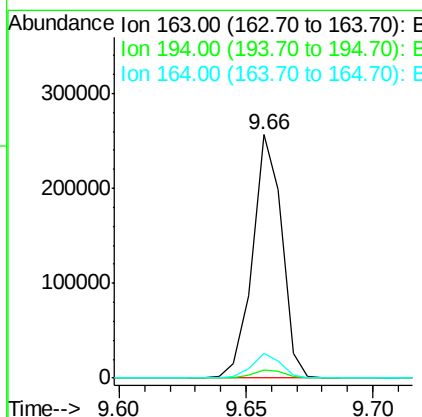
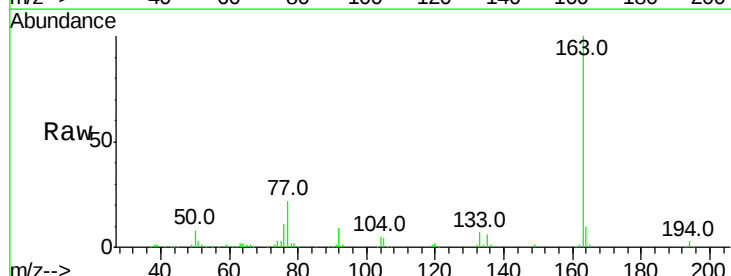
Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.3	19.6	29.4



#49
 Dimethylphthalate
 Concen: 10.732 ng
 RT: 9.66 min Scan# 1287
 Delta R.T. -0.02 min
 Lab File: BF098792.D
 Acq: 25 Sep 2017 19:39

Tgt Ion:163 Resp: 207360

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.7	4.1
164	10.2	8.2	12.2

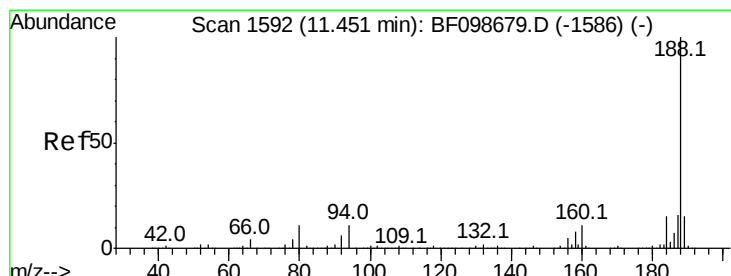
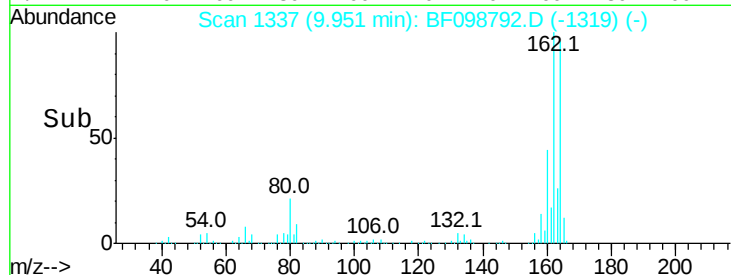
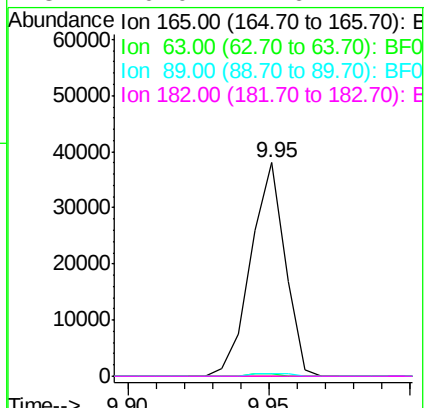
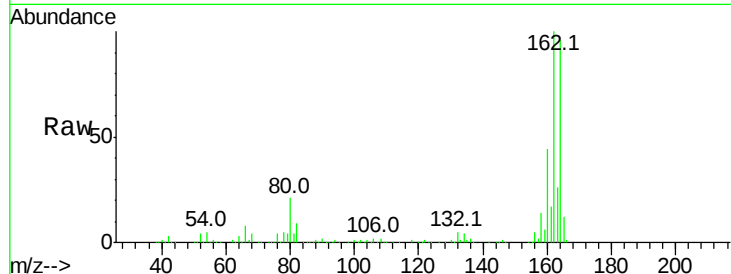




#56
 2,4-Dinitrotoluene
 Concen: 5.877 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.19 min
 Lab File: BF098792.D
 Acq: 25 Sep 2017 19:39

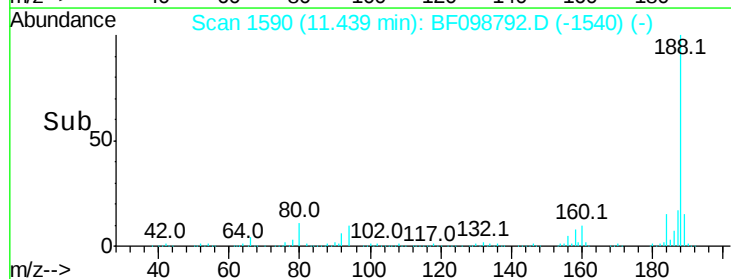
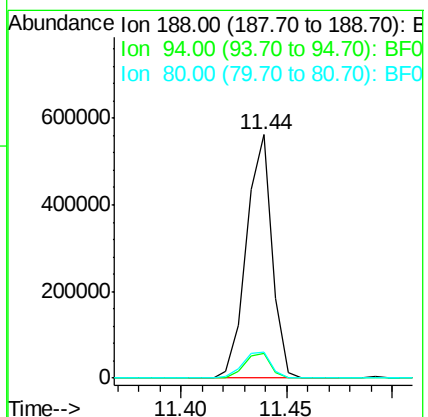
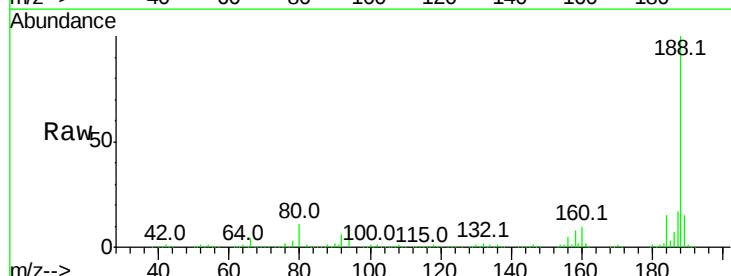
Instrument :
 BNA_F
 ClientSampleId :

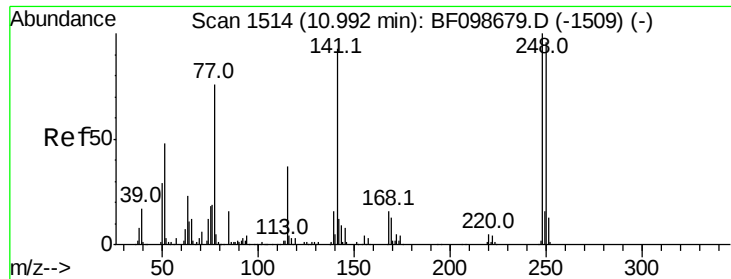
Tot Ion:165 Resp: 32083
 Ion Ratio Lower Upper
 165 100
 63 1.4 36.4 54.6#
 89 1.4 57.8 86.6#
 182 0.0 1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BF098792.D
 Acq: 25 Sep 2017 19:39

Tgt Ion:188 Resp: 472050
 Ion Ratio Lower Upper
 188 100
 94 10.2 8.5 12.7
 80 10.8 9.2 13.8

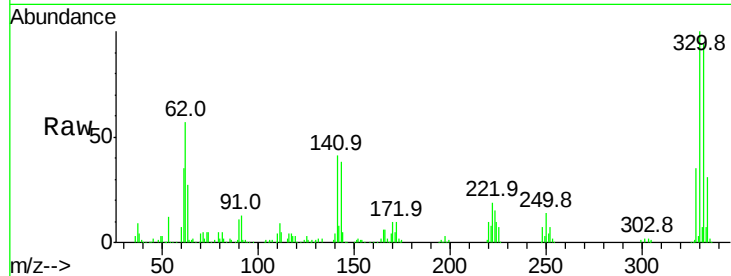




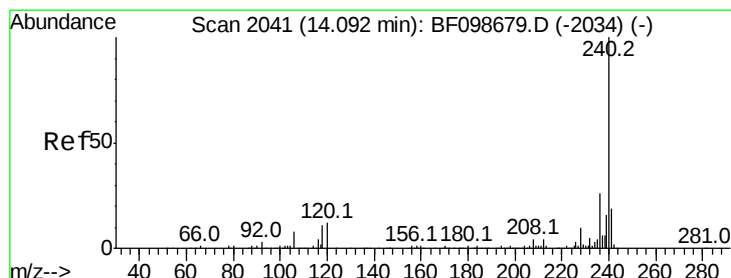
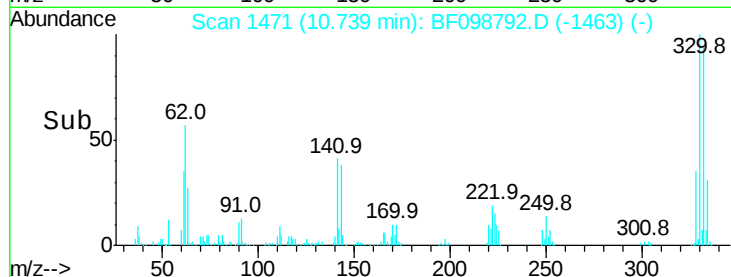
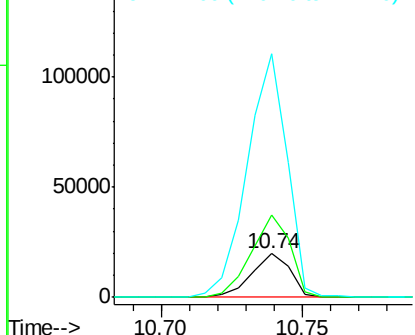
#66
4-Bromophenyl-phenylether
Concen: 3.991 ng
RT: 10.74 min Scan# 1471
Delta R.T. -0.25 min
Lab File: BF098792.D
Acq: 25 Sep 2017 19:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 18441
Ion Ratio Lower Upper
248 100
250 187.9 76.9 115.3#
141 558.4 74.4 111.6#

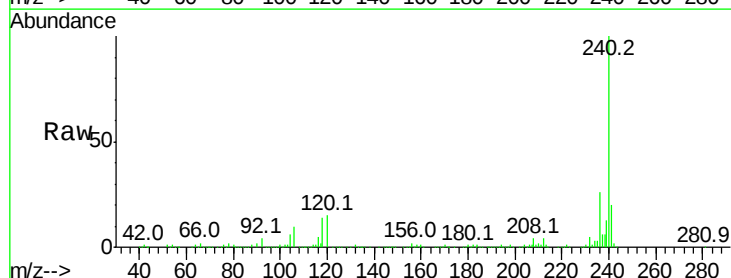


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

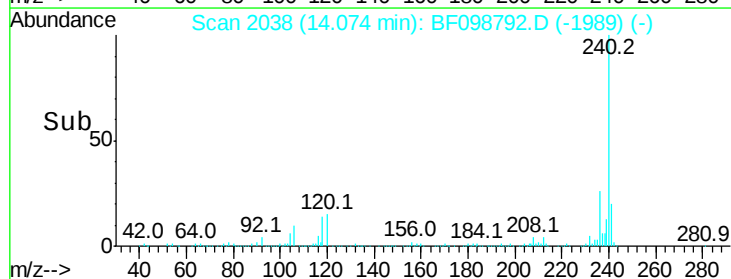
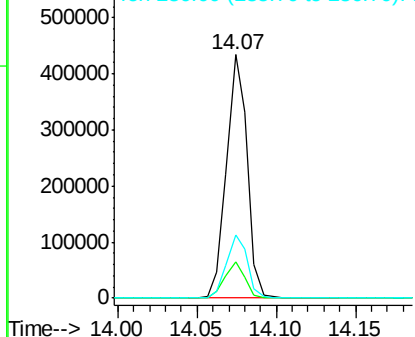


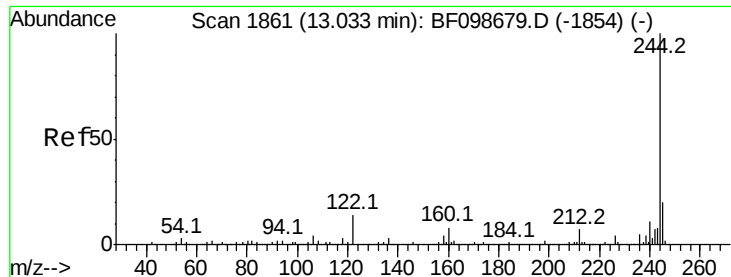
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF098792.D
Acq: 25 Sep 2017 19:39

Tgt Ion:240 Resp: 391243
Ion Ratio Lower Upper
240 100
120 14.8 9.5 14.3#
236 25.9 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: 65.574 ng

RT: 13.02 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BF098792.D

Acq: 25 Sep 2017 19:39

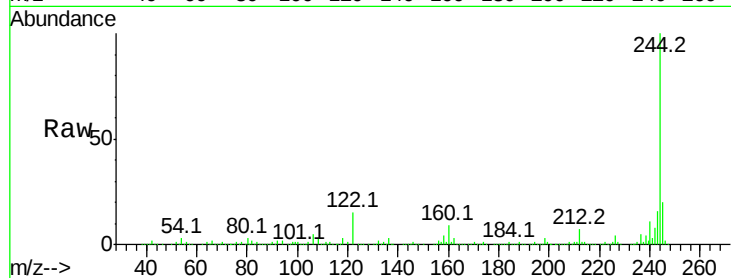
Instrument :

BNA_F

ClientSampled :

Tot Ion:244 Resp: 1128107

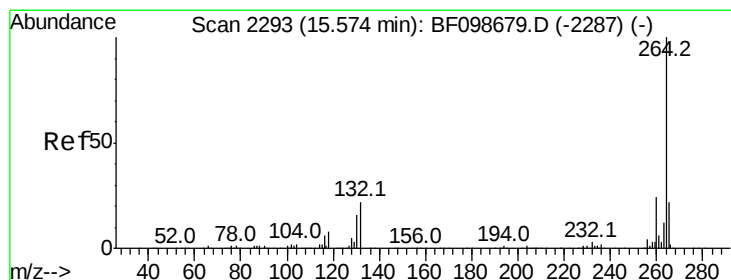
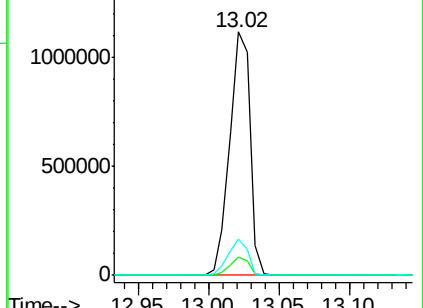
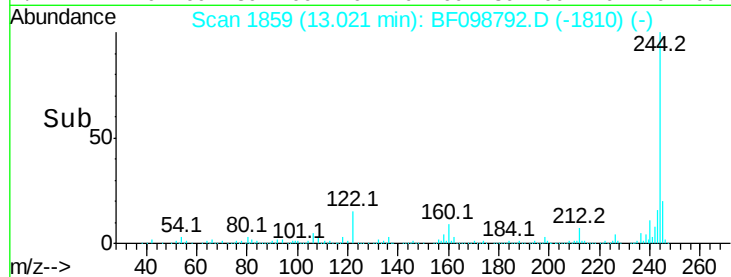
Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.0
122	14.8	11.0	16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.57 min Scan# 2292

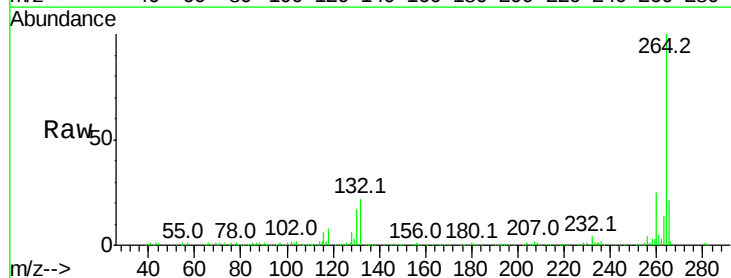
Delta R.T. -0.01 min

Lab File: BF098792.D

Acq: 25 Sep 2017 19:39

Tgt Ion:264 Resp: 342280

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.2	28.8
265	21.2	17.5	26.3



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

