

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
 Data File : BF098791.D
 Acq On : 25 Sep 2017 19:10
 Operator : SJ/JU
 Sample : I5395-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 26 05:18:42 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

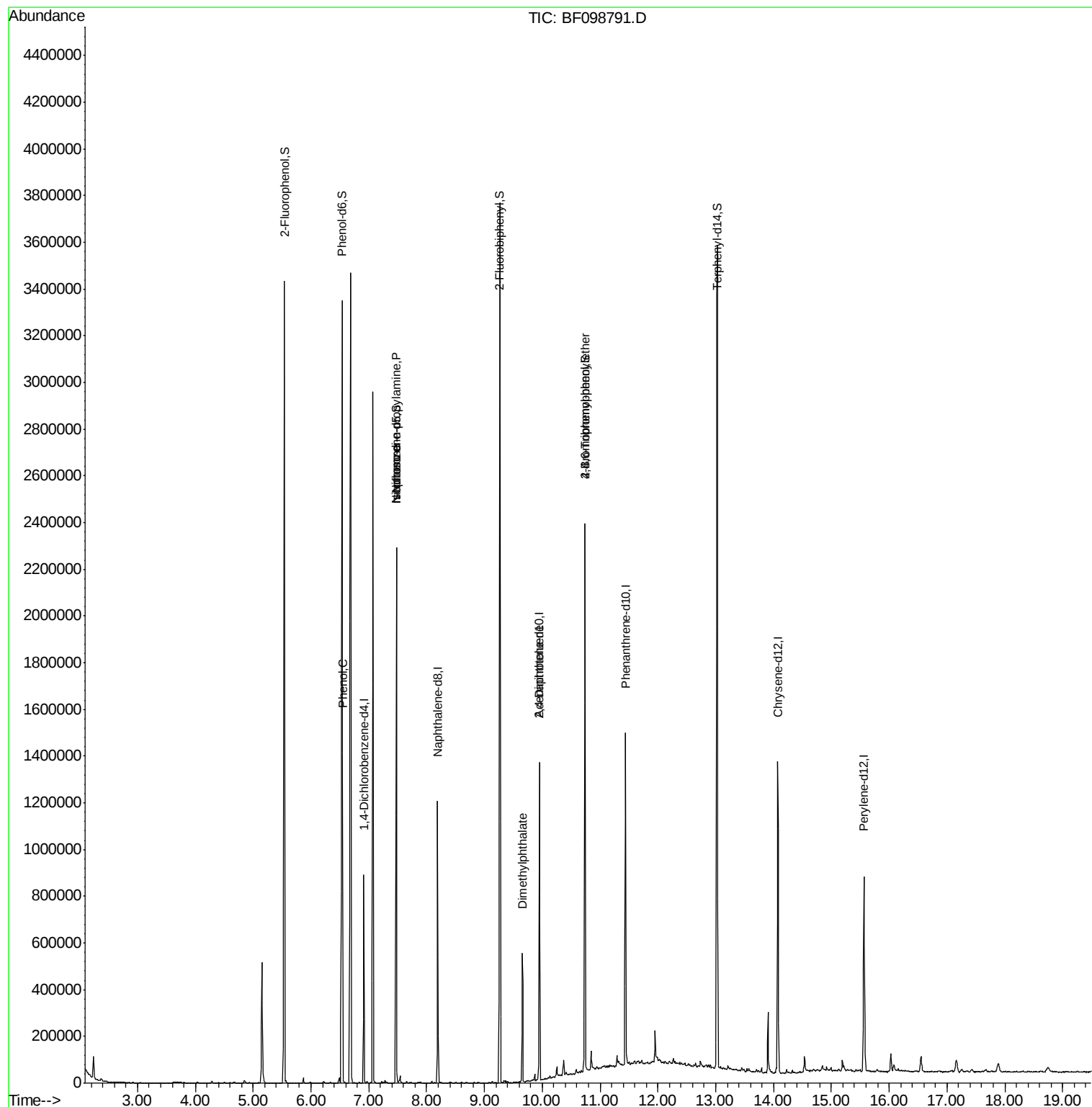
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	135026	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	556558	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	255919	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	468732	20.00	ng	0.00
75) Chrysene-d12	14.07	240	408155	20.00	ng	-0.01
86) Perylene-d12	15.57	264	358063	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1083174	127.70	ng	0.00
7) Phenol-d6	6.54	99	1324847	126.62	ng	0.00
23) Nitrobenzene-d5	7.47	82	787140	90.70	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	281912	134.62	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	1321123	86.18	ng	-0.01
78) Terphenyl-d14	13.03	244	1213400	67.61	ng	0.00
Target Compounds						
10) Phenol	6.55	94	46317	3.958	ng	92
19) n-Nitroso-di-n-propylamine	7.47	70	103620	15.511	ng	# 75
25) Isophorone	7.47	82	786860	43.853	ng	# 64
49) Dimethylphthalate	9.66	163	210841	10.916	ng	99
56) 2,4-Dinitrotoluene	9.95	165	33302	6.102	ng	# 23
66) 4-Bromophenyl-phenylether	10.74	248	18782	4.094	ng	# 1

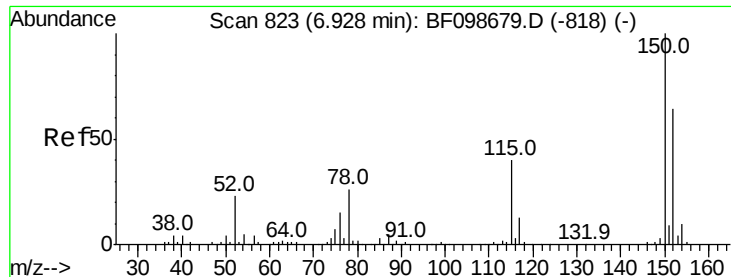
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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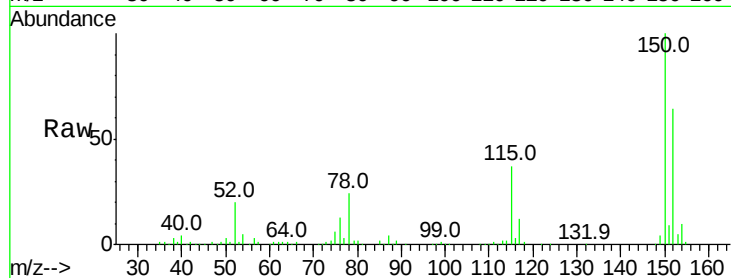


#1

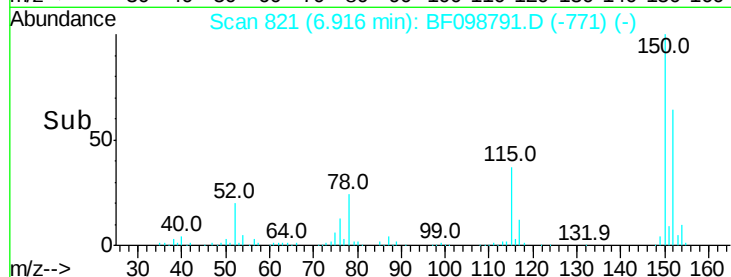
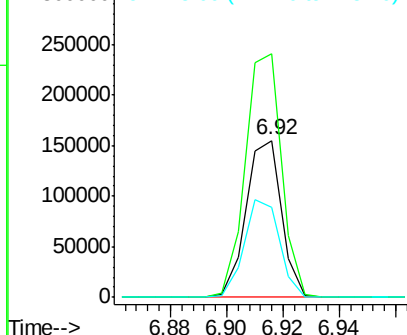
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098791.D
Acq: 25 Sep 2017 19:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 135026
Ion Ratio Lower Upper
152 100
150 155.3 124.6 186.8
115 57.3 50.1 75.1



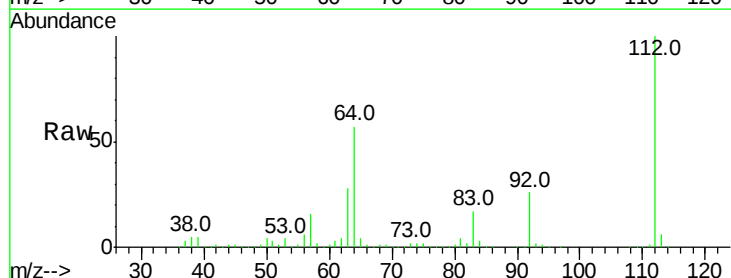
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



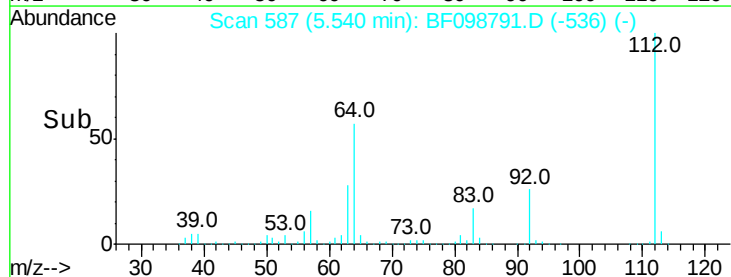
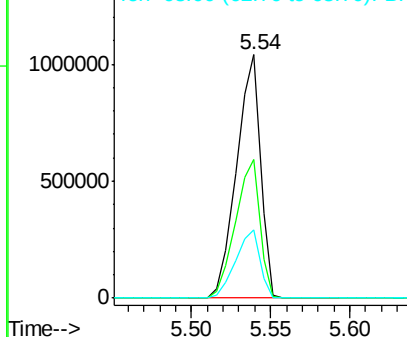
#5

2-Fluorophenol
Concen: 127.702 ng
RT: 5.54 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF098791.D
Acq: 25 Sep 2017 19:10

Tgt Ion:112 Resp: 1083174
Ion Ratio Lower Upper
112 100
64 56.8 47.9 71.9
63 27.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 126.615 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF098791.D

Acq: 25 Sep 2017 19:10

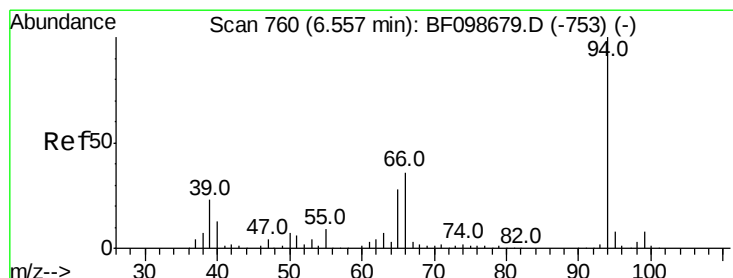
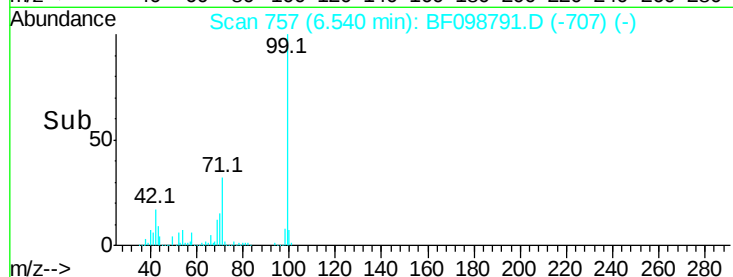
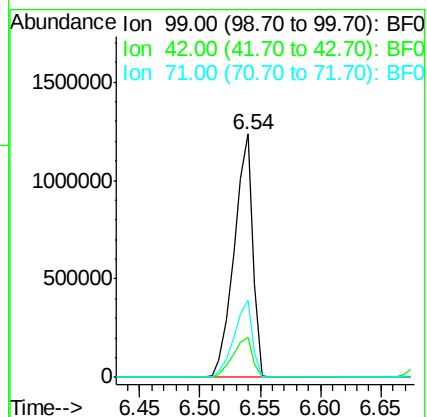
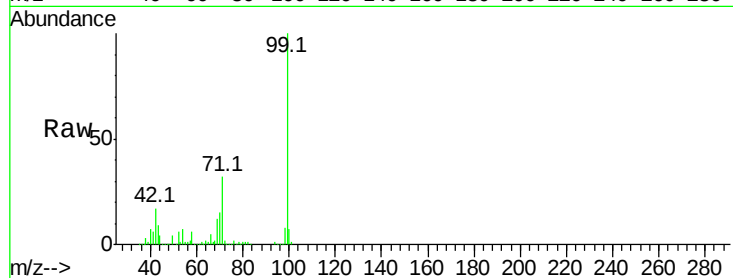
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1324847

Ion	Ratio	Lower	Upper
99	100		
42	16.6	14.5	21.7
71	31.7	25.4	38.0



#10

Phenol

Concen: 3.958 ng

RT: 6.55 min Scan# 759

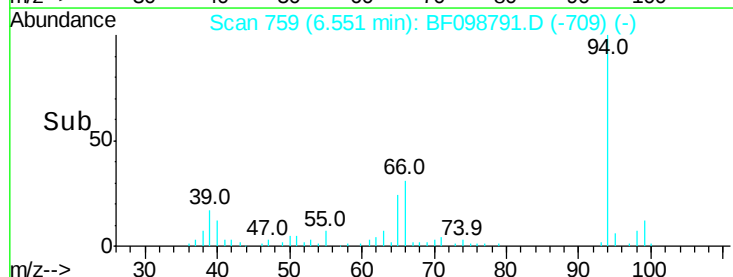
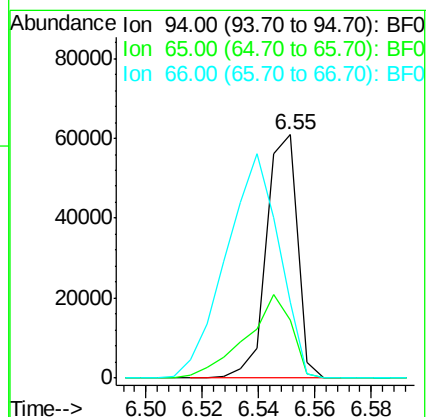
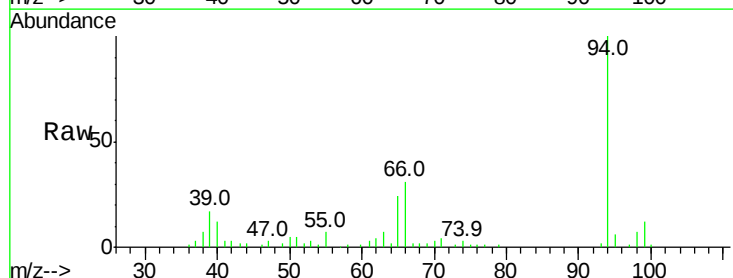
Delta R.T. -0.01 min

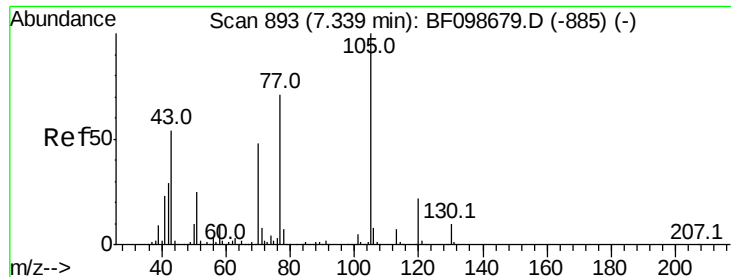
Lab File: BF098791.D

Acq: 25 Sep 2017 19:10

Tgt Ion: 94 Resp: 46317

Ion	Ratio	Lower	Upper
94	100		
65	23.9	7.9	47.9
66	31.2	16.2	56.2

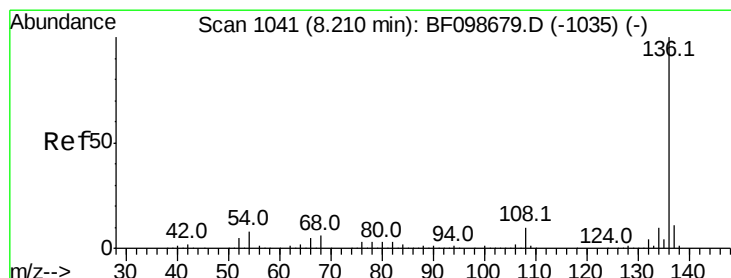
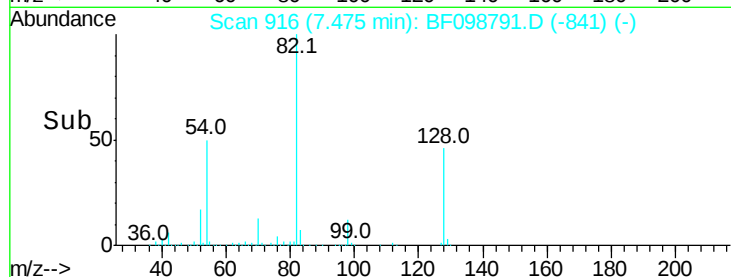
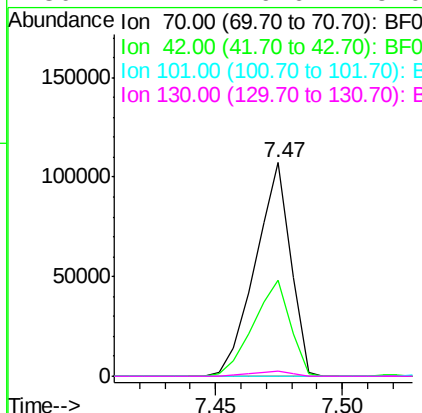
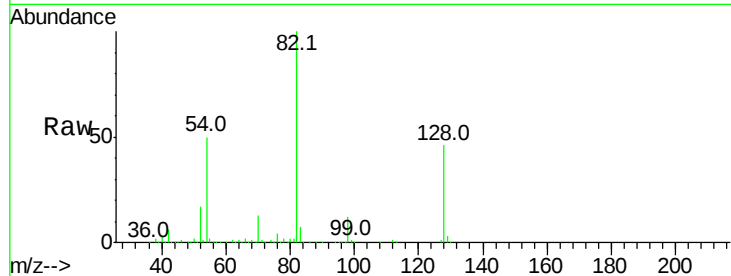




#19
n-Nitroso-di-n-propylamine
Concen: 15.511 ng
RT: 7.47 min Scan# 916
Delta R.T. 0.14 min
Lab File: BF098791.D
Acq: 25 Sep 2017 19:10

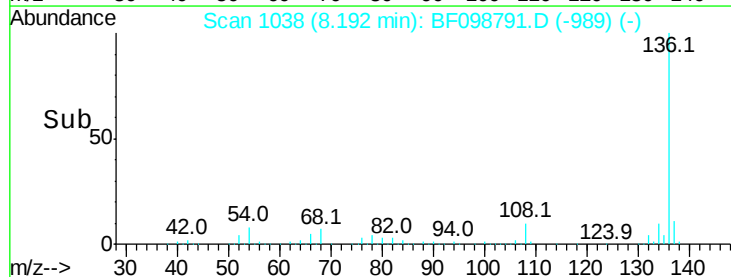
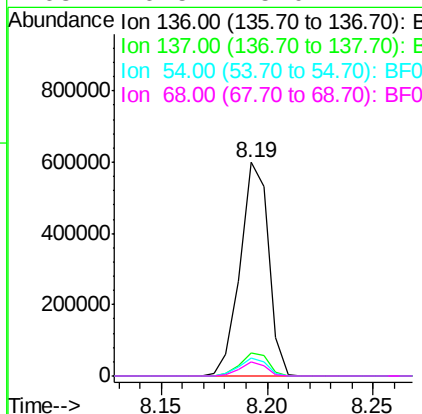
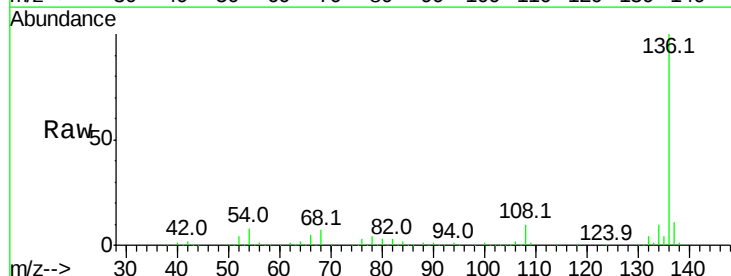
Instrument :
BNA_F
ClientSampleId :

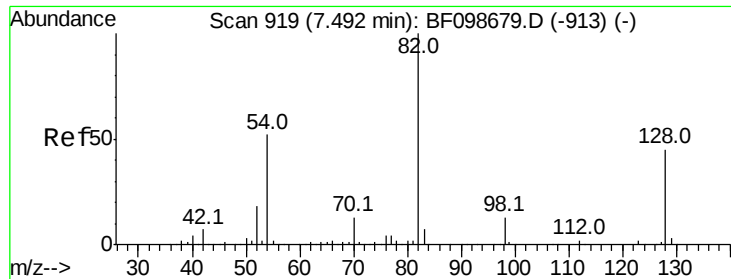
Tot Ion: 70 Resp: 103620
Ion Ratio Lower Upper
70 100
42 45.0 47.5 71.3#
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF098791.D
Acq: 25 Sep 2017 19:10

Tgt Ion: 136 Resp: 556558
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 8.4 6.6 9.8
68 6.5 5.0 7.4

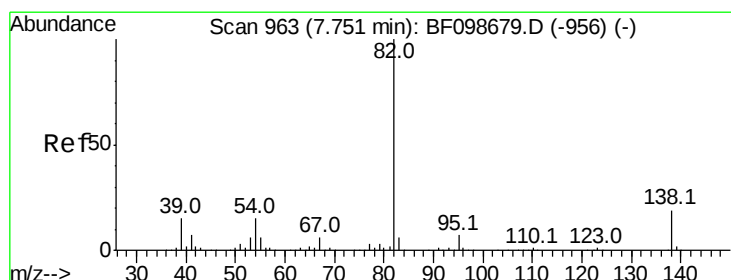
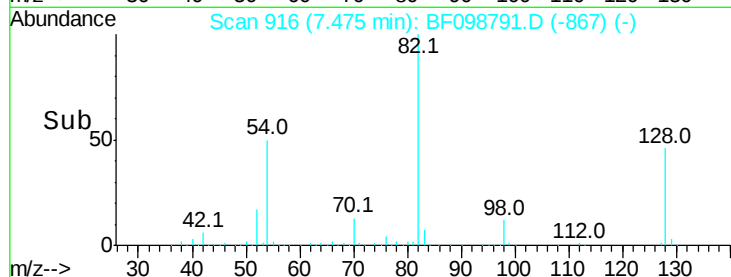
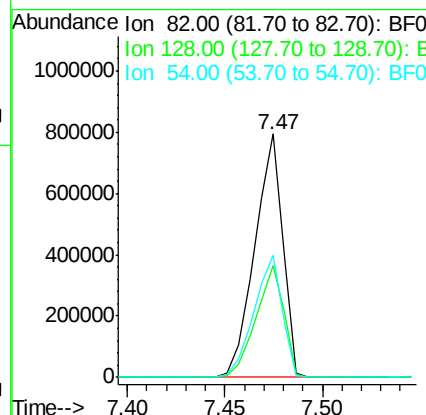
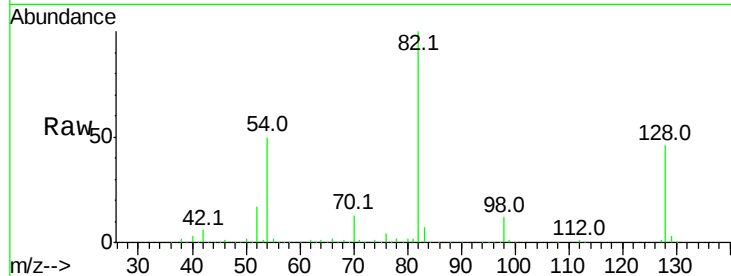




#23
 Nitrobenzene-d5
 Concen: 90.699 ng
 RT: 7.47 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: BF098791.D
 Acq: 25 Sep 2017 19:10

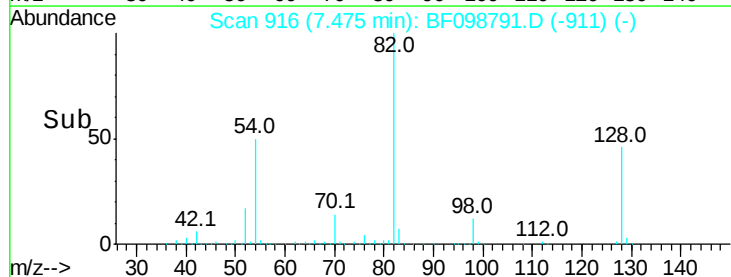
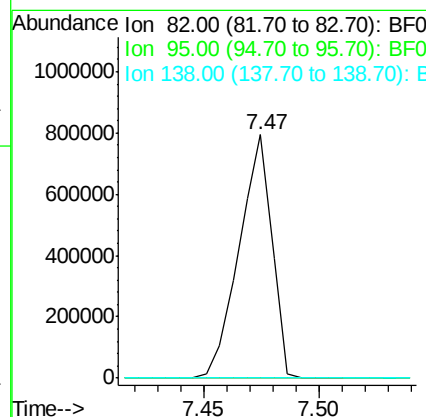
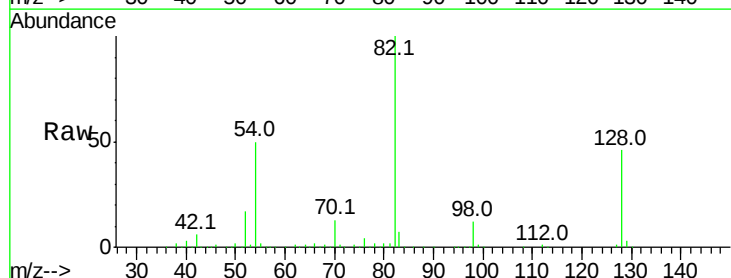
Instrument :
 BNA_F
 ClientSampled :

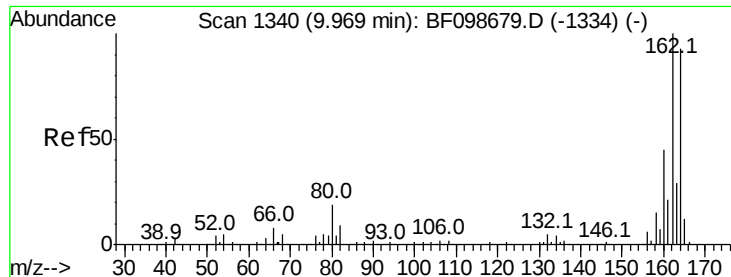
Tot Ion: 82 Resp: 787140
 Ion Ratio Lower Upper
 82 100
 128 45.8 36.1 54.1
 54 50.1 41.4 62.2



#25
 Isophorone
 Concen: 43.853 ng
 RT: 7.47 min Scan# 916
 Delta R.T. -0.27 min
 Lab File: BF098791.D
 Acq: 25 Sep 2017 19:10

Tgt Ion: 82 Resp: 786860
 Ion Ratio Lower Upper
 82 100
 95 0.1 5.2 7.8#
 138 0.0 14.9 22.3#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF098791.D

Acq: 25 Sep 2017 19:10

Instrument :

BNA_F

ClientSampleId :

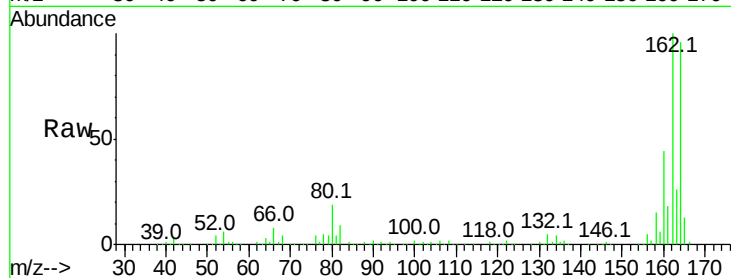
Tot Ion:164 Resp: 255919

Ion Ratio Lower Upper

164 100

162 103.9 86.1 129.1

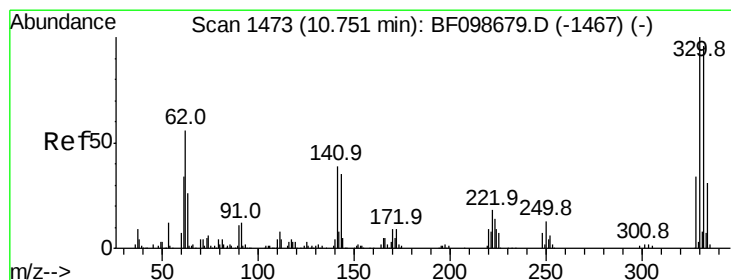
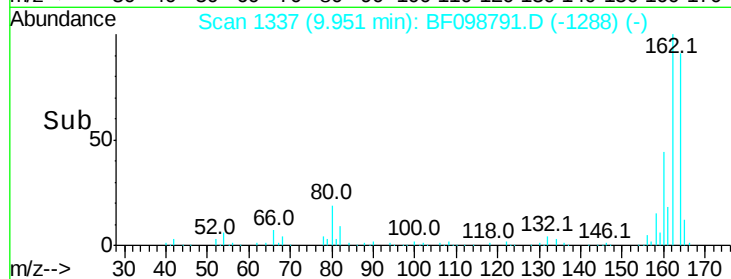
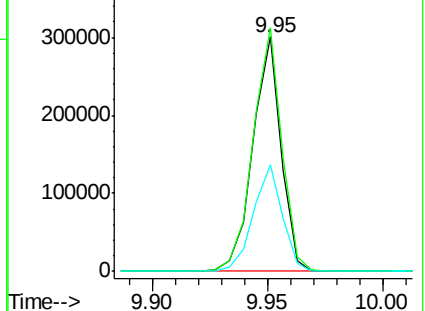
160 45.5 38.3 57.5



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: 134.621 ng

RT: 10.74 min Scan# 1471

Delta R.T. -0.01 min

Lab File: BF098791.D

Acq: 25 Sep 2017 19:10

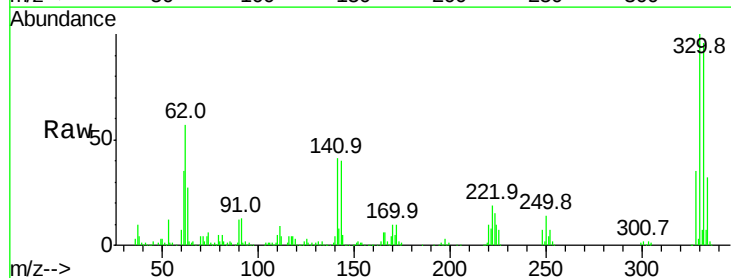
Tgt Ion:330 Resp: 281912

Ion Ratio Lower Upper

330 100

332 95.7 77.0 115.6

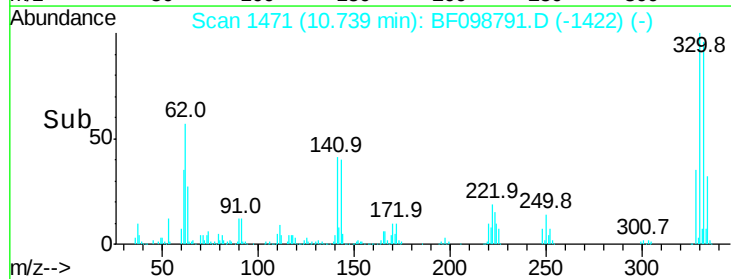
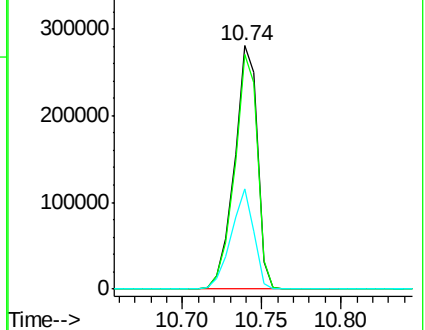
141 40.8 29.9 44.9

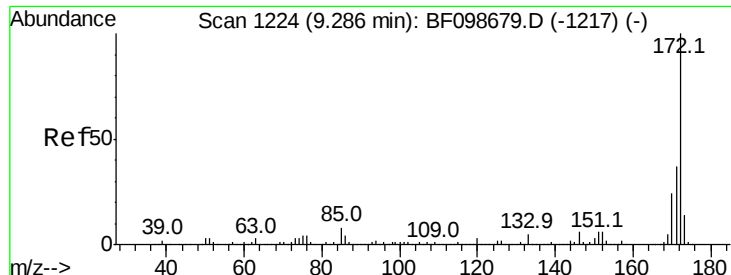


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



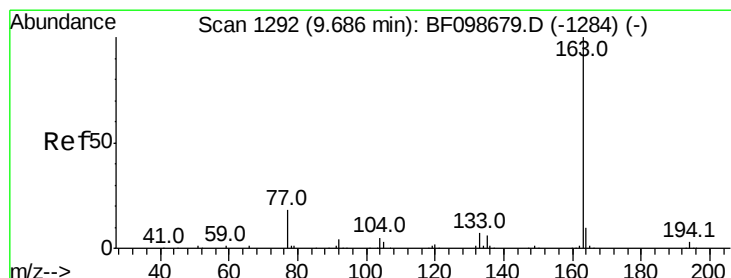
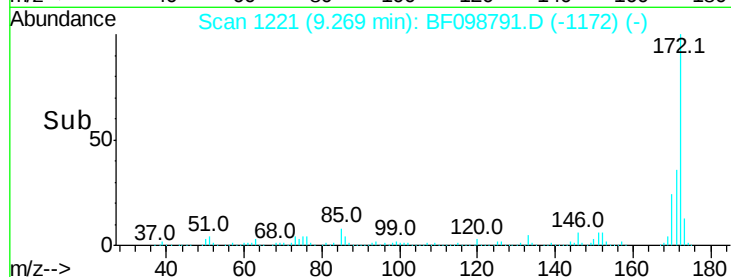
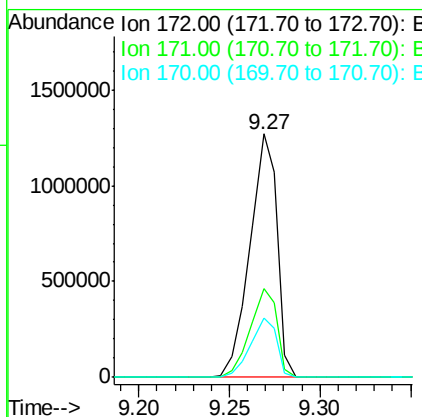
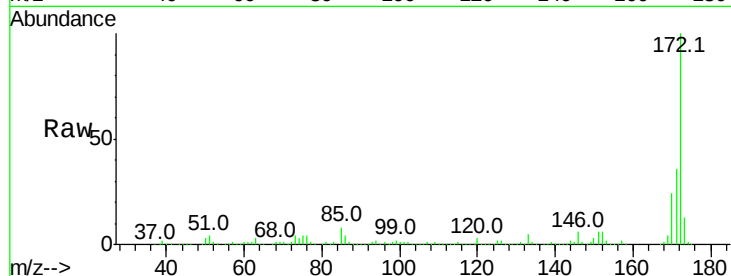


#44
 2-Fluorobiphenyl
 Concen: 86.180 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF098791.D
 Acq: 25 Sep 2017 19:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1321123

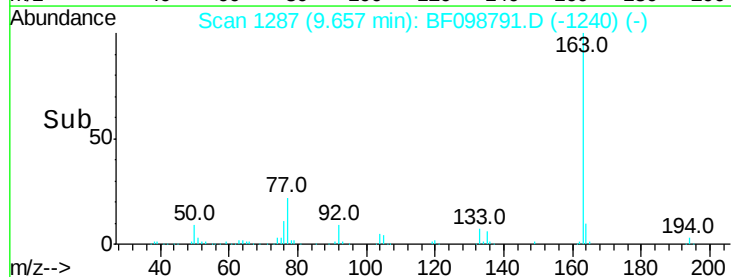
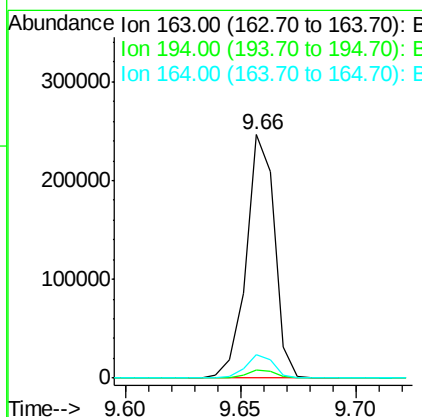
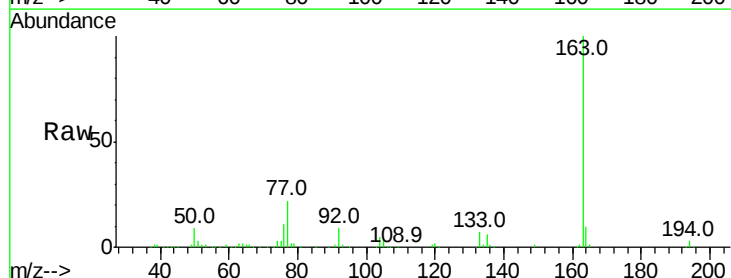
Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.3	19.6	29.4

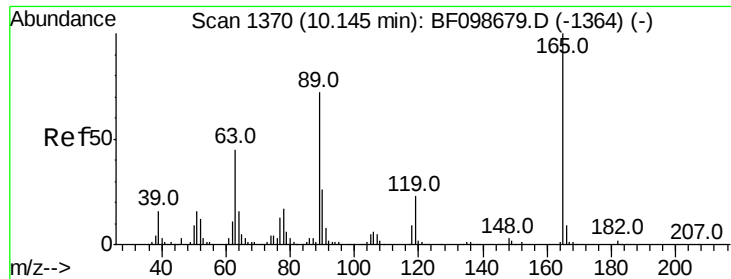


#49
 Dimethylphthalate
 Concen: 10.916 ng
 RT: 9.66 min Scan# 1287
 Delta R.T. -0.02 min
 Lab File: BF098791.D
 Acq: 25 Sep 2017 19:10

Tgt Ion:163 Resp: 210841

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.7	4.1
164	9.8	8.2	12.2

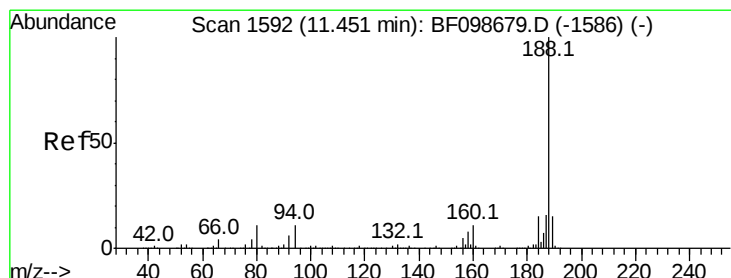
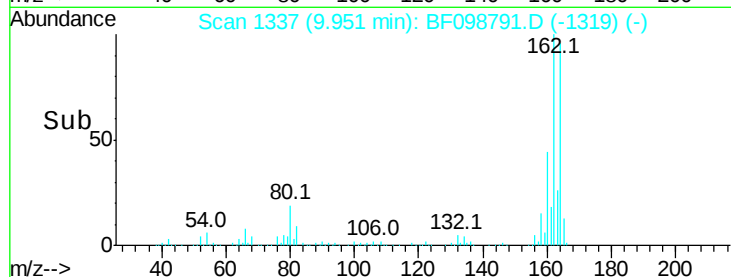
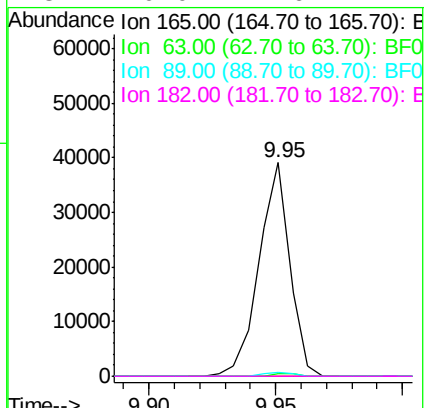
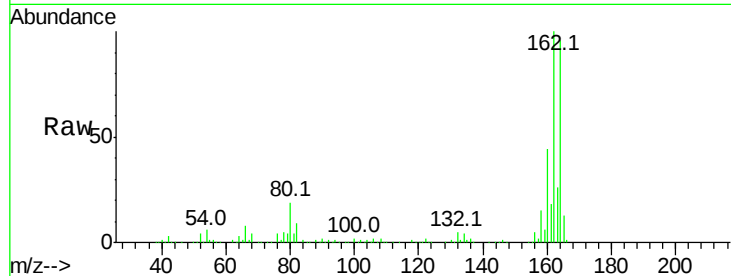




#56
2,4-Dinitrotoluene
Concen: 6.102 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.19 min
Lab File: BF098791.D
Acq: 25 Sep 2017 19:10

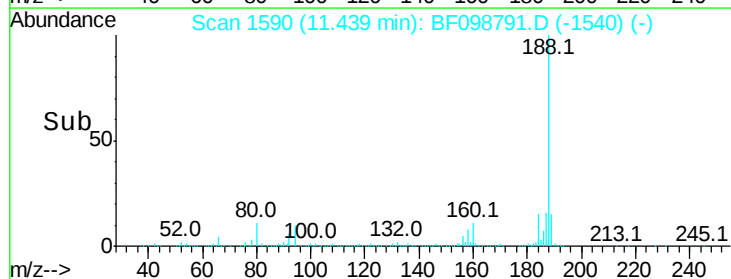
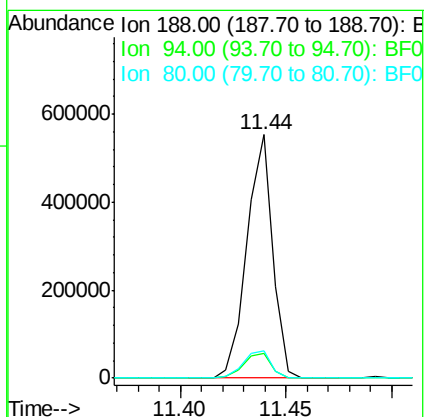
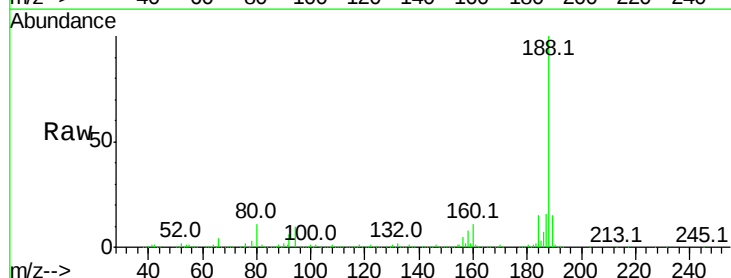
Instrument :
BNA_F
ClientSampleId :

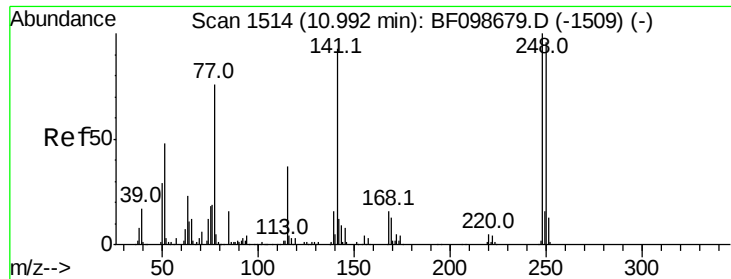
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098791.D
Acq: 25 Sep 2017 19:10

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	11.4	9.2	13.8

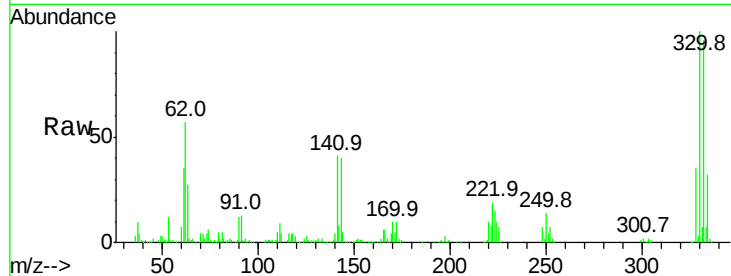




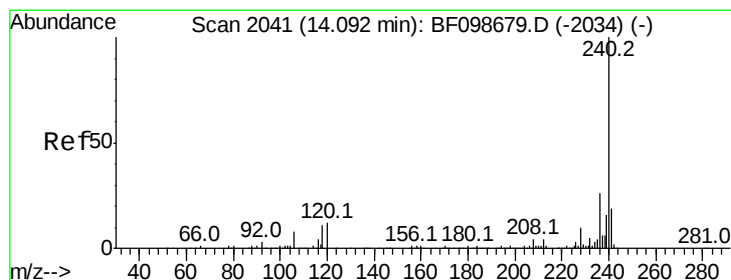
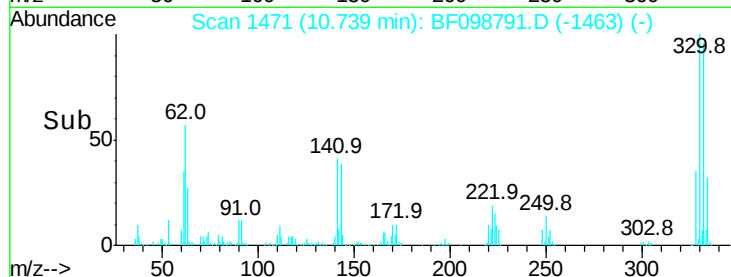
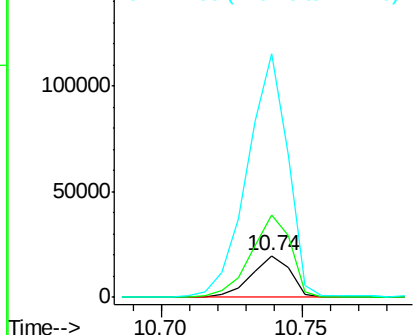
#66
4-Bromophenyl-phenylether
Concen: 4.094 ng
RT: 10.74 min Scan# 1471
Delta R.T. -0.25 min
Lab File: BF098791.D
Acq: 25 Sep 2017 19:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 18782
Ion Ratio Lower Upper
248 100
250 199.7 76.9 115.3#
141 587.5 74.4 111.6#

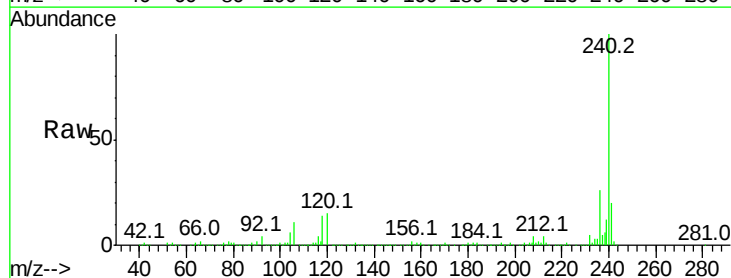


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

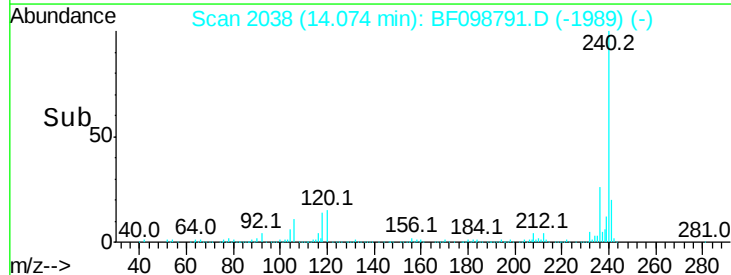
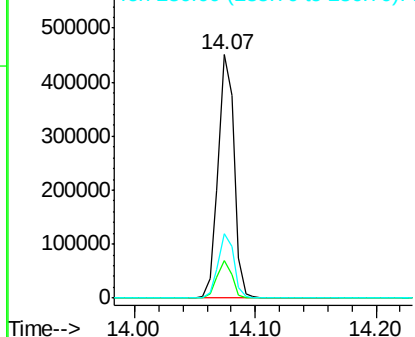


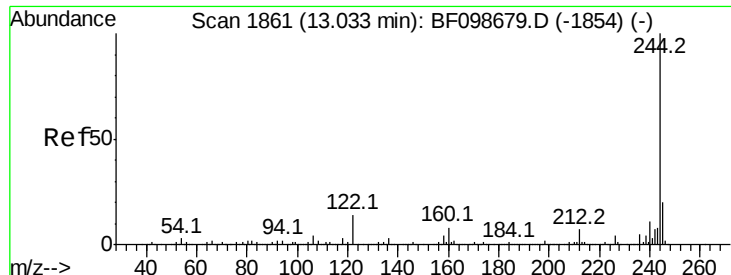
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF098791.D
Acq: 25 Sep 2017 19:10

Tgt Ion:240 Resp: 408155
Ion Ratio Lower Upper
240 100
120 15.3 9.5 14.3#
236 26.5 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

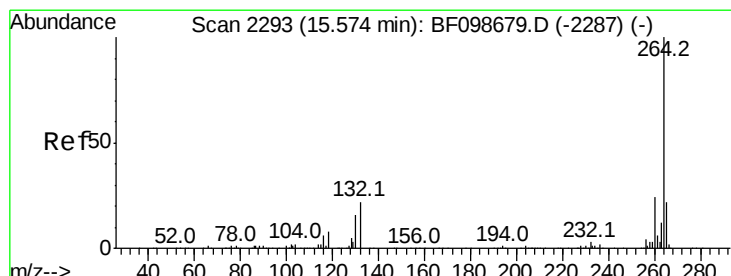
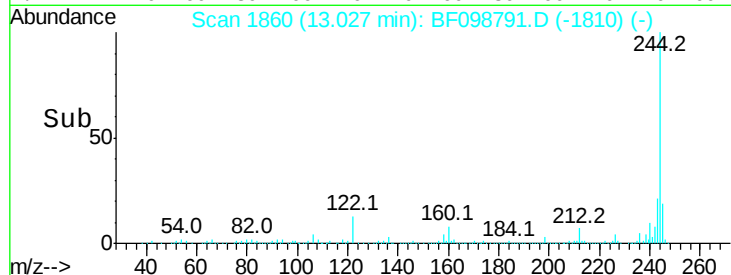
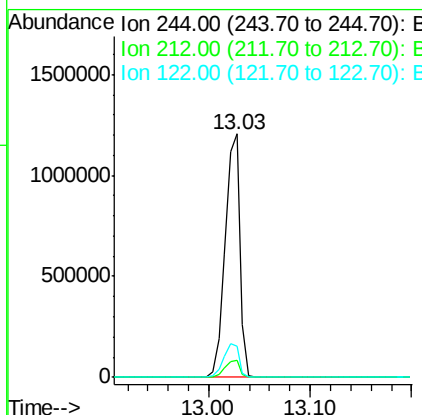
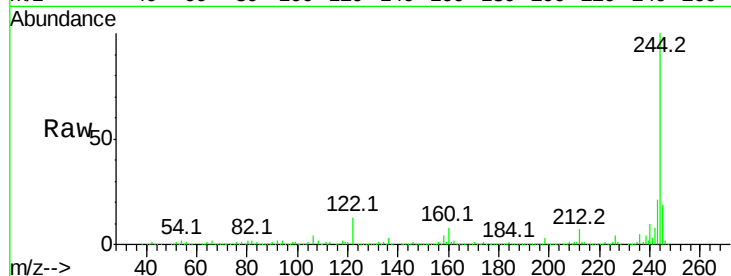




#78
 Terphenyl-d14
 Concen: 67.610 ng
 RT: 13.03 min Scan# 1860
 Delta R.T. -0.01 min
 Lab File: BF098791.D
 Acq: 25 Sep 2017 19:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1213400
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 13.0 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2292
 Delta R.T. -0.01 min
 Lab File: BF098791.D
 Acq: 25 Sep 2017 19:10

Tgt Ion:264 Resp: 358063
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 21.7 17.5 26.3

