

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
 Data File : BF098788.D
 Acq On : 25 Sep 2017 17:45
 Operator : SJ/JU
 Sample : PB102601BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 26 05:17:25 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

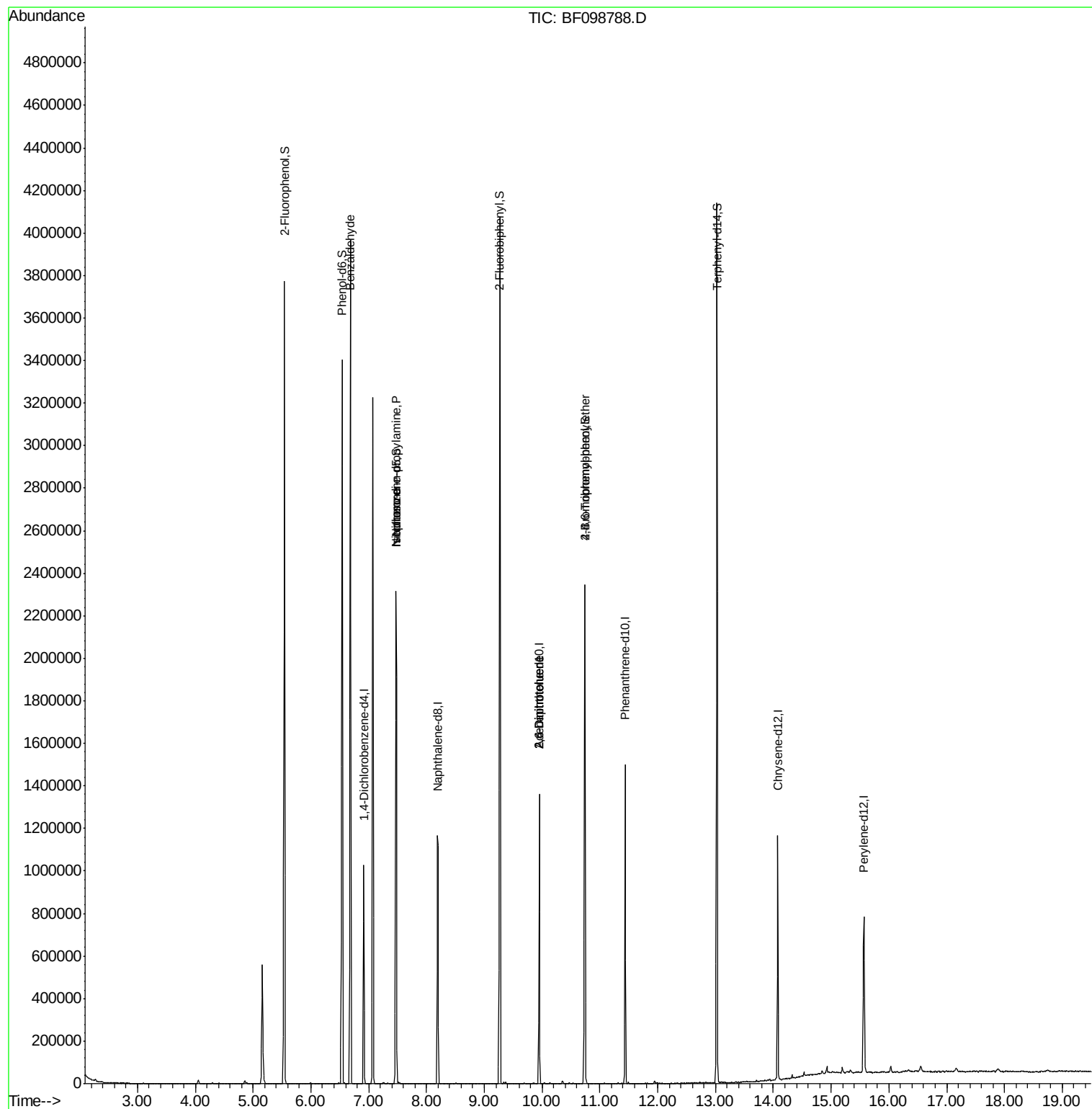
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	137563	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	575979	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	265209	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	477636	20.00	ng	0.00
75) Chrysene-d12	14.08	240	390918	20.00	ng	0.00
86) Perylene-d12	15.57	264	314719	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1214808	140.58	ng	0.00
7) Phenol-d6	6.54	99	1473796	138.25	ng	0.00
23) Nitrobenzene-d5	7.47	82	903689	100.62	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	321598	148.19	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1597837	100.58	ng	0.00
78) Terphenyl-d14	13.03	244	1456309	84.72	ng	0.00
Target Compounds						
9) Benzaldehyde	6.69	77	25865	4.183	ng	81
19) n-Nitroso-di-n-propylamine	7.47	70	119448	17.550	ng	# 78
25) Isophorone	7.47	82	898470	48.385	ng	# 64
50) 2,6-Dinitrotoluene	9.95	165	33910	7.782	ng	# 25
56) 2,4-Dinitrotoluene	9.95	165	33910	5.996	ng	# 23
66) 4-Bromophenyl-phenylether	10.75	248	21319	4.560	ng	# 1

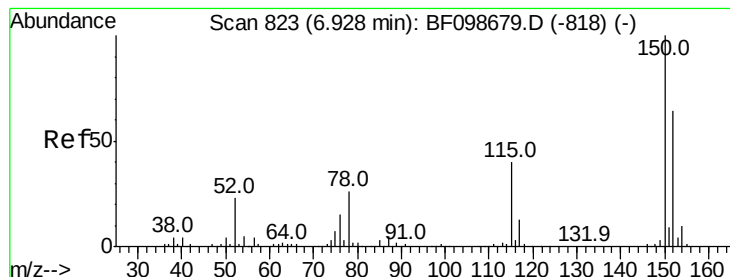
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
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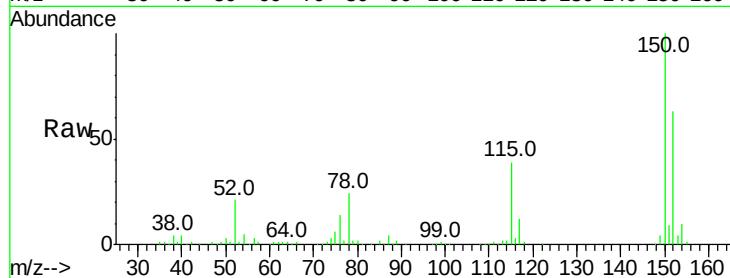


#1

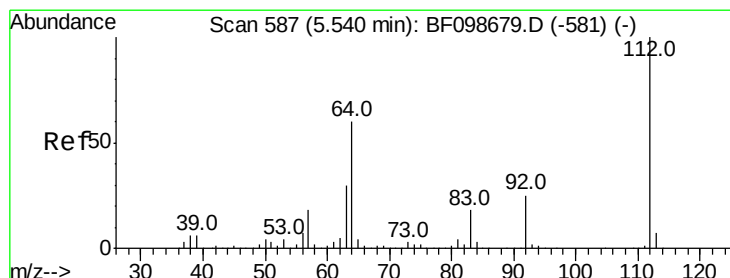
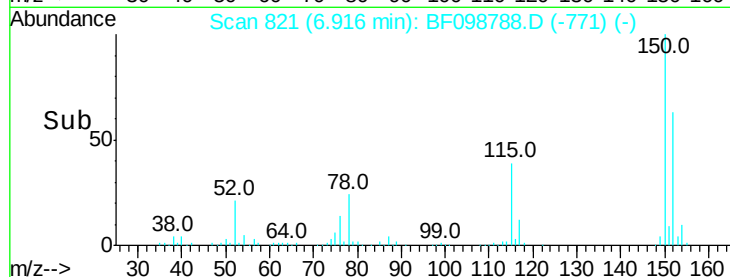
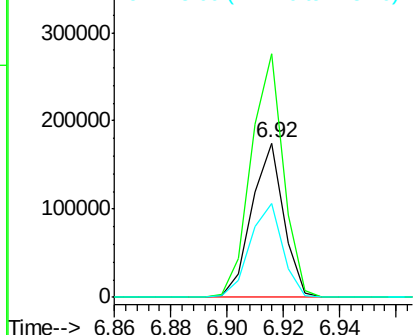
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098788.D
Acq: 25 Sep 2017 17:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 137563
Ion Ratio Lower Upper
152 100
150 157.7 124.6 186.8
115 60.8 50.1 75.1



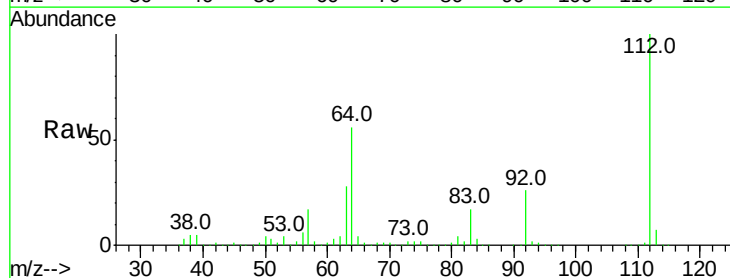
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



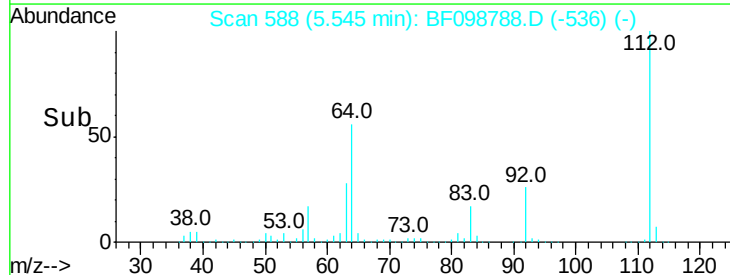
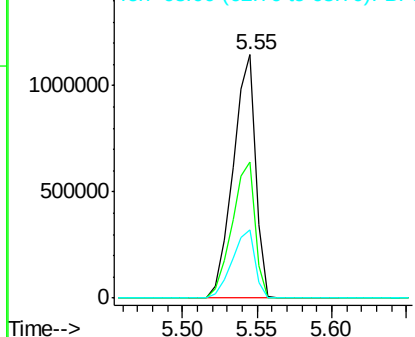
#5

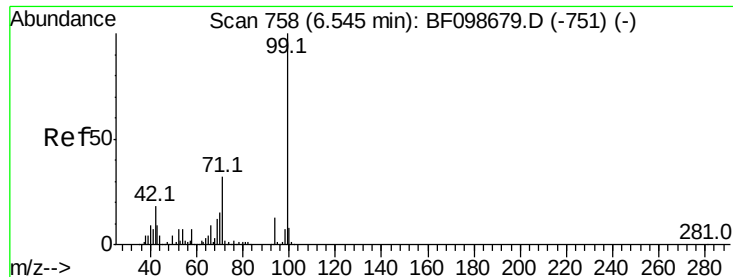
2-Fluorophenol
Concen: 140.579 ng
RT: 5.55 min Scan# 588
Delta R.T. 0.01 min
Lab File: BF098788.D
Acq: 25 Sep 2017 17:45

Tgt Ion:112 Resp: 1214808
Ion Ratio Lower Upper
112 100
64 55.9 47.9 71.9
63 27.8 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: 138.252 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF098788.D

Acq: 25 Sep 2017 17:45

Instrument :

BNA_F

ClientSampleId :

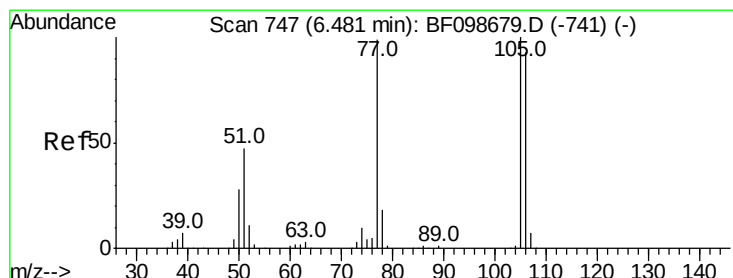
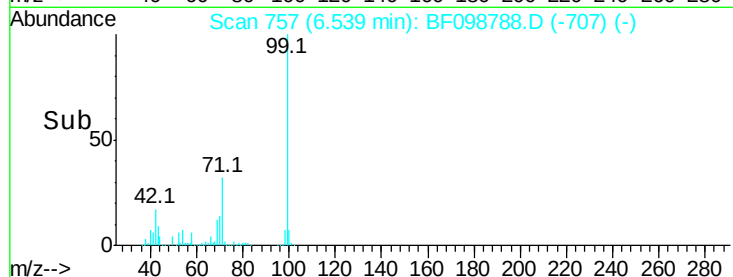
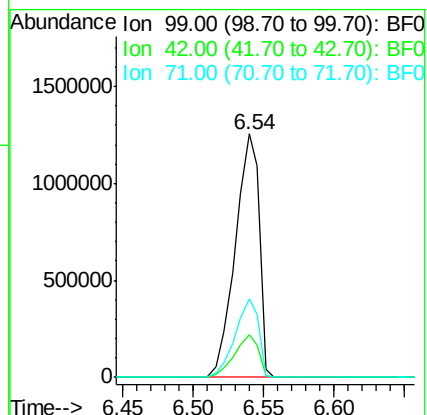
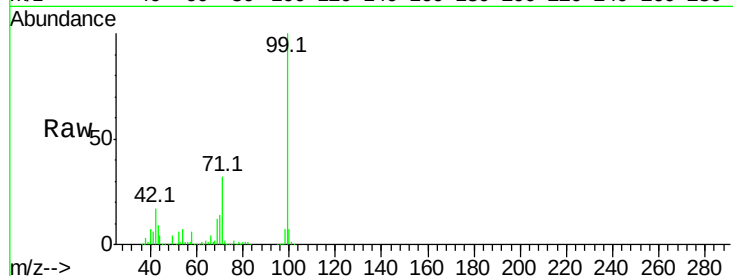
Tot Ion: 99 Resp: 1473796

Ion Ratio Lower Upper

99 100

42 17.3 14.5 21.7

71 32.3 25.4 38.0



#9

Benzaldehyde

Concen: 4.183 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.21 min

Lab File: BF098788.D

Acq: 25 Sep 2017 17:45

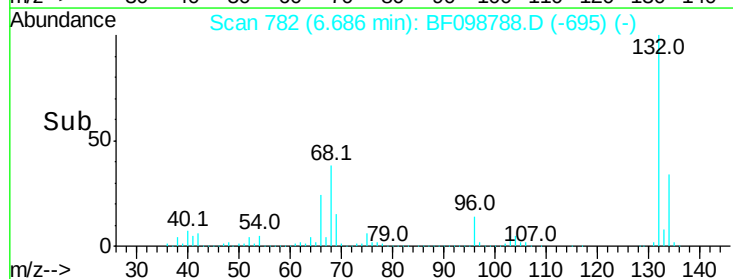
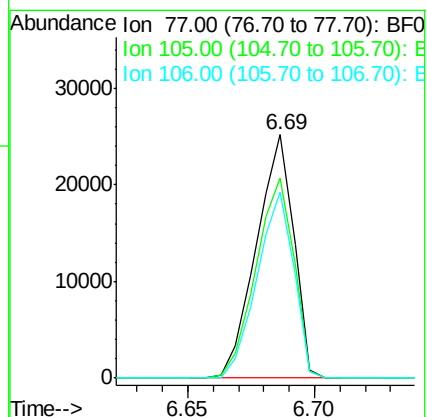
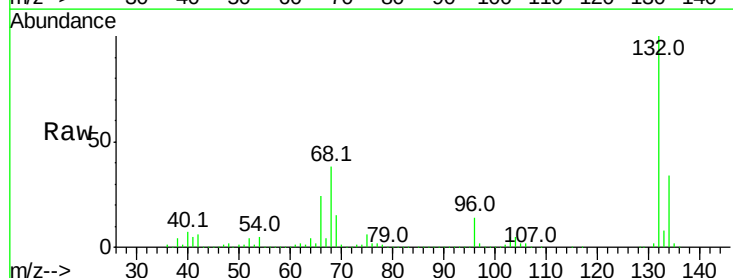
Tgt Ion: 77 Resp: 25865

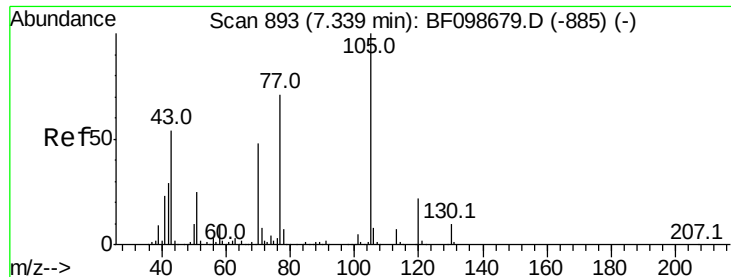
Ion Ratio Lower Upper

77 100

105 82.1 81.1 121.1

106 76.5 74.5 114.5

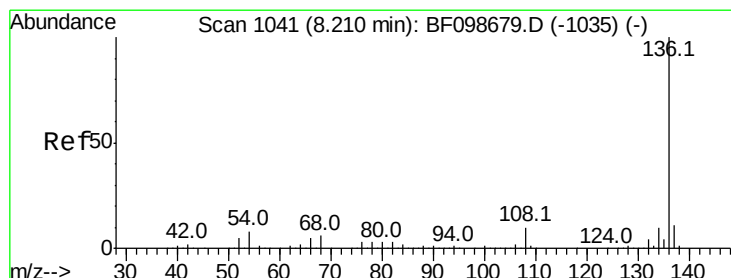
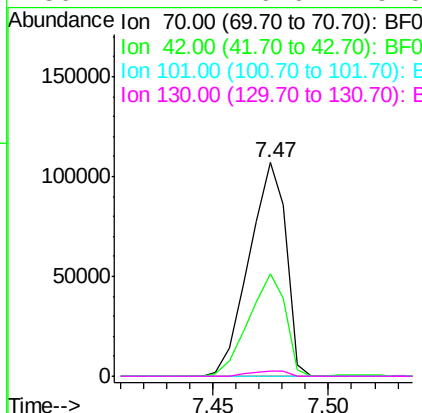
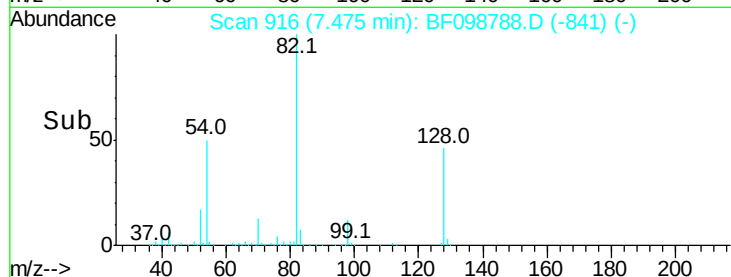
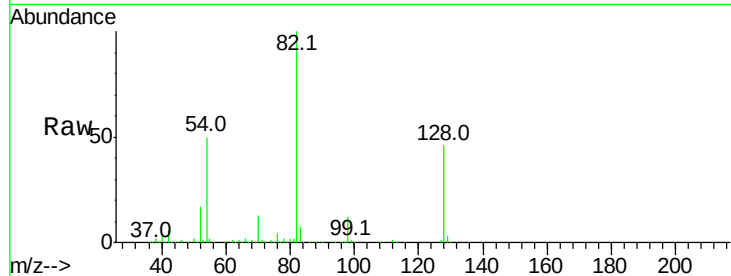




#19
n-Nitroso-di-n-propylamine
Concen: 17.550 ng
RT: 7.47 min Scan# 916
Delta R.T. 0.14 min
Lab File: BF098788.D
Acq: 25 Sep 2017 17:45

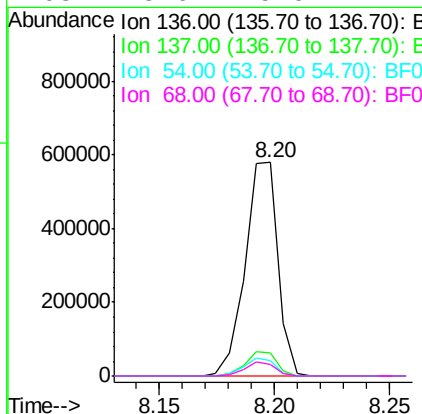
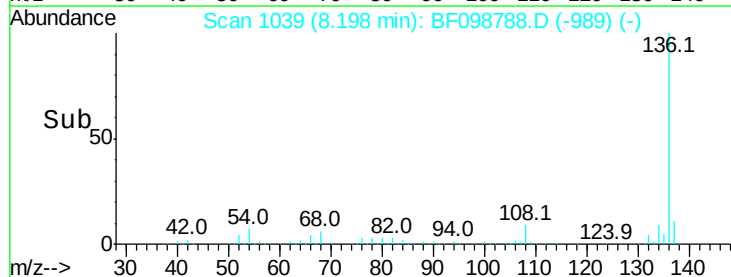
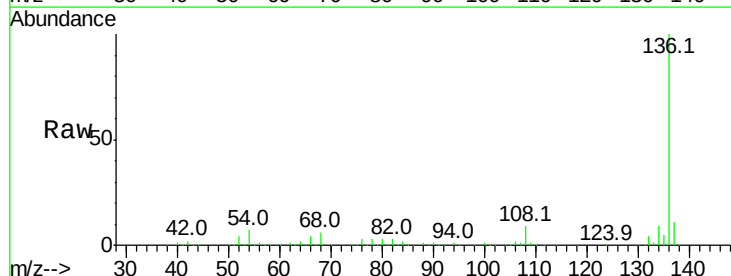
Instrument :
BNA_F
ClientSampleId :

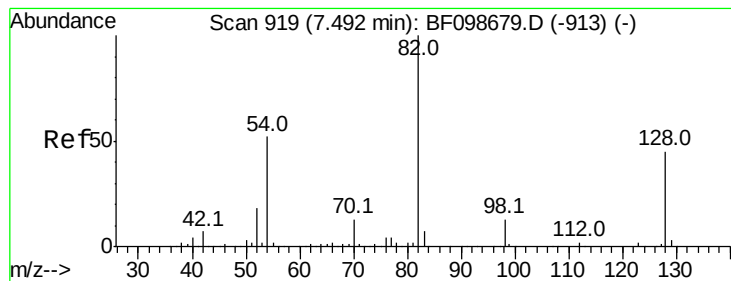
Tot Ion: 70 Resp: 119448
Ion Ratio Lower Upper
70 100
42 48.2 47.5 71.3
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098788.D
Acq: 25 Sep 2017 17:45

Tgt Ion: 136 Resp: 575979
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.2 6.6 9.8
68 5.6 5.0 7.4





#23

Nitrobenzene-d5

Concen: 100.618 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF098788.D

Acq: 25 Sep 2017 17:45

Instrument :

BNA_F

ClientSampled :

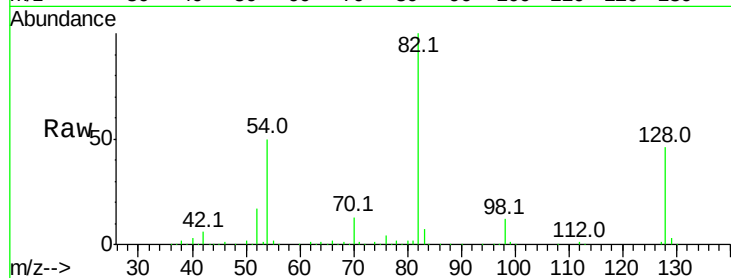
Tot Ion: 82 Resp: 903689

Ion Ratio Lower Upper

82 100

128 46.1 36.1 54.1

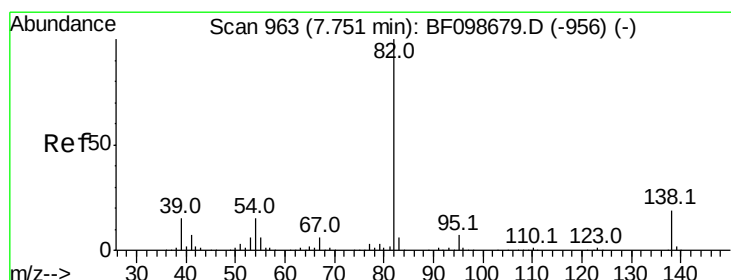
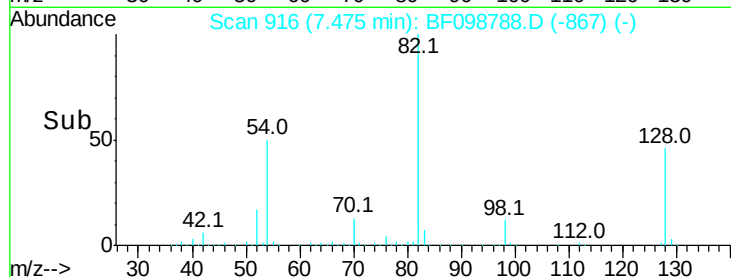
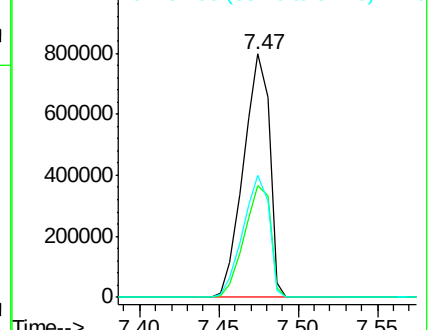
54 50.4 41.4 62.2



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: 48.385 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.27 min

Lab File: BF098788.D

Acq: 25 Sep 2017 17:45

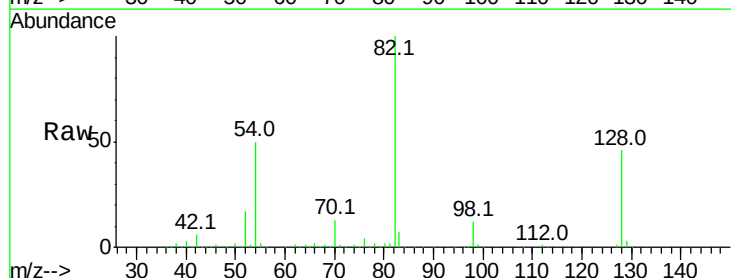
Tgt Ion: 82 Resp: 898470

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

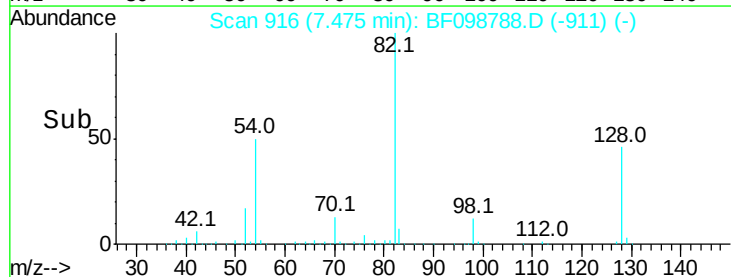
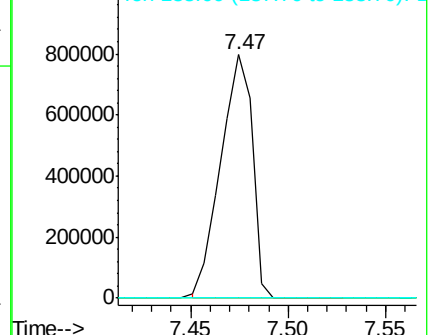
138 0.0 14.9 22.3#

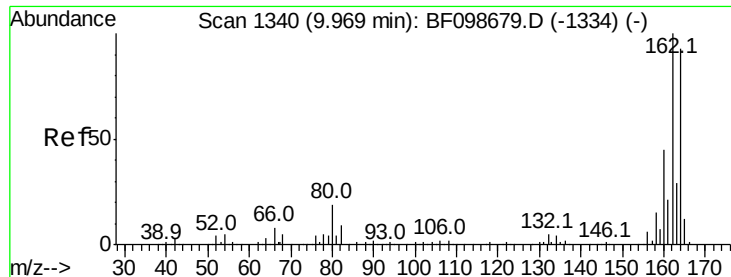


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

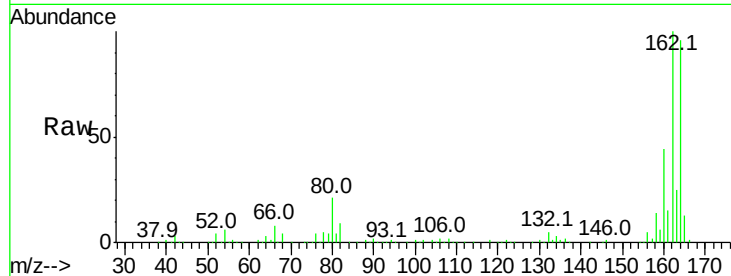




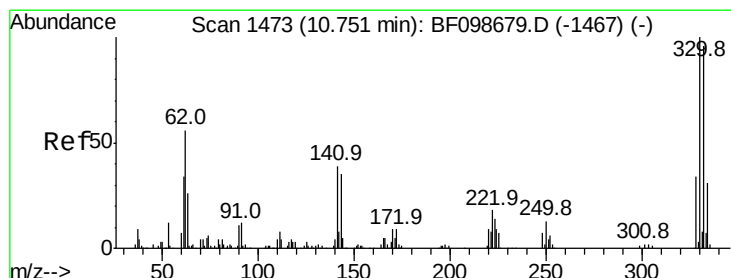
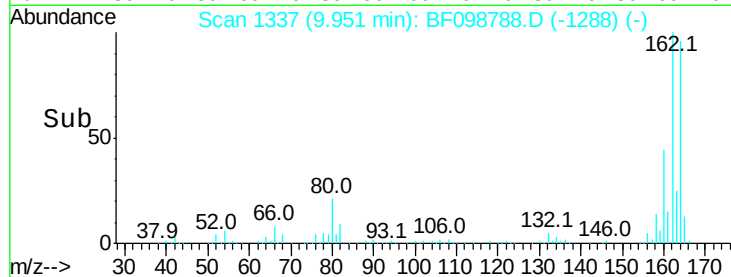
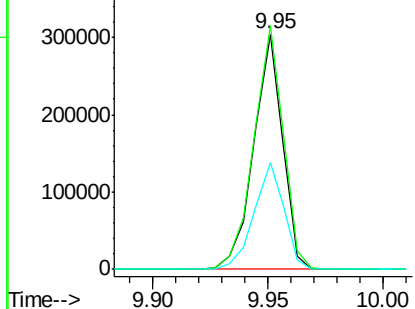
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF098788.D
 Acq: 25 Sep 2017 17:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 265209
 Ion Ratio Lower Upper
 164 100
 162 103.8 86.1 129.1
 160 45.4 38.3 57.5

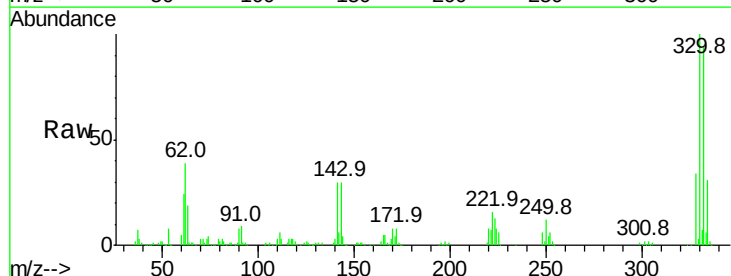


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

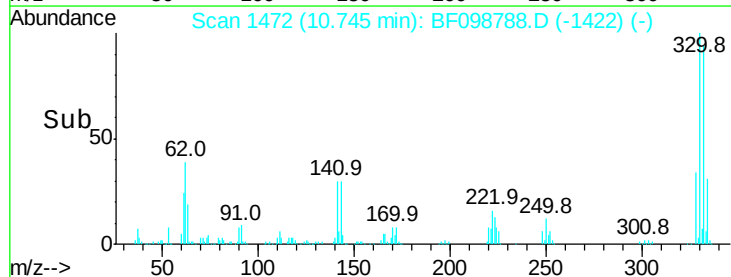
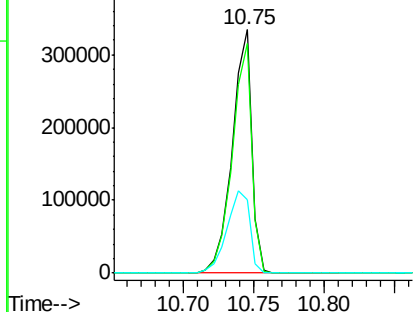


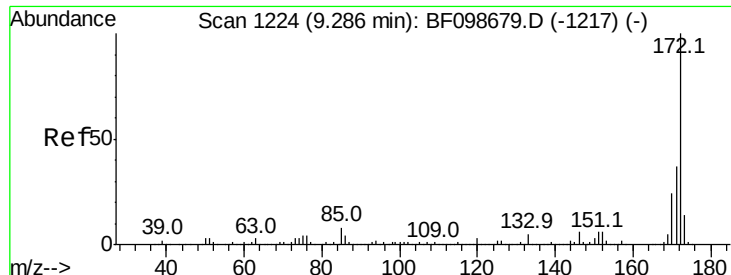
#41
 2,4,6-Tribromophenol
 Concen: 148.193 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BF098788.D
 Acq: 25 Sep 2017 17:45

Tgt Ion:330 Resp: 321598
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.0 115.6
 141 39.7 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



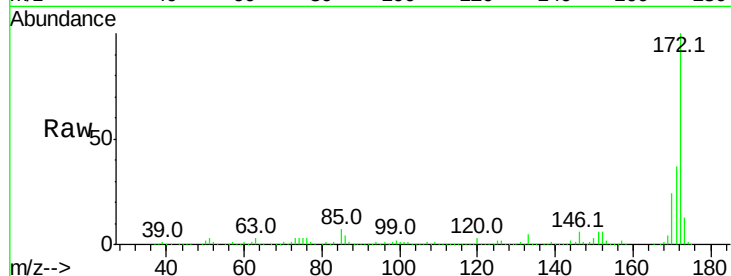


#44
 2-Fluorobiphenyl
 Concen: 100.579 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098788.D
 Acq: 25 Sep 2017 17:45

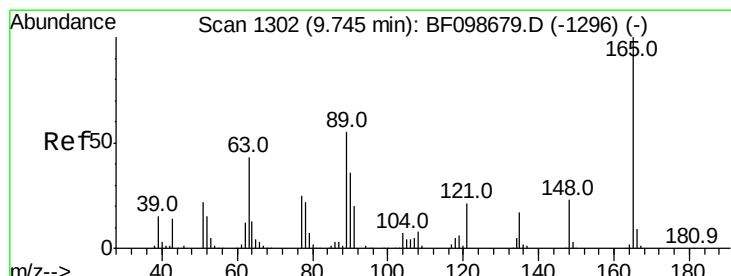
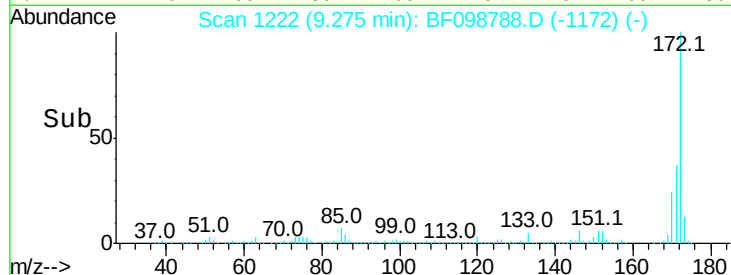
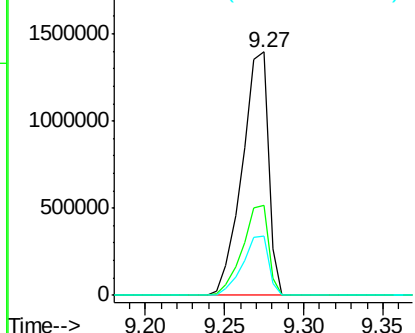
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1597837

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.4	19.6	29.4



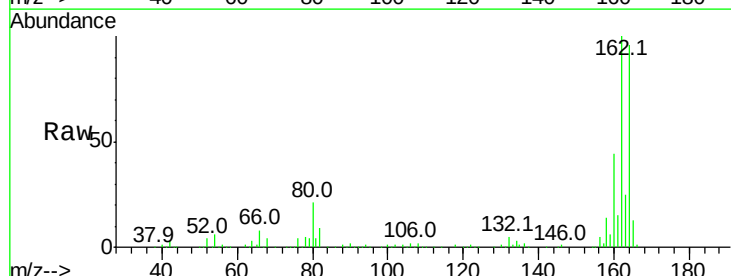
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



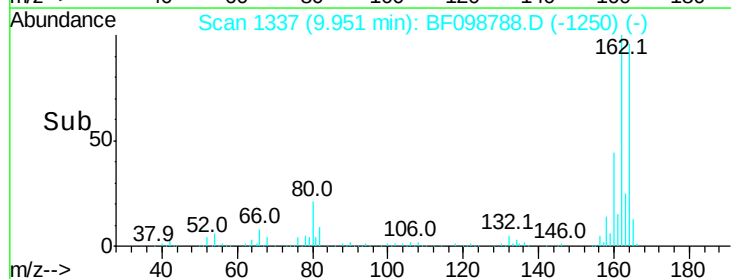
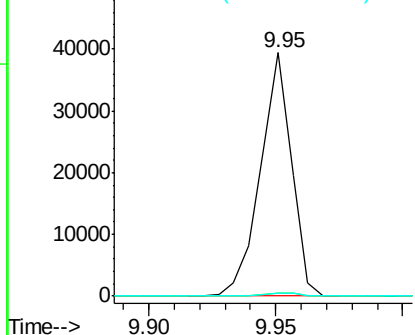
#50
 2,6-Dinitrotoluene
 Concen: 7.782 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. 0.21 min
 Lab File: BF098788.D
 Acq: 25 Sep 2017 17:45

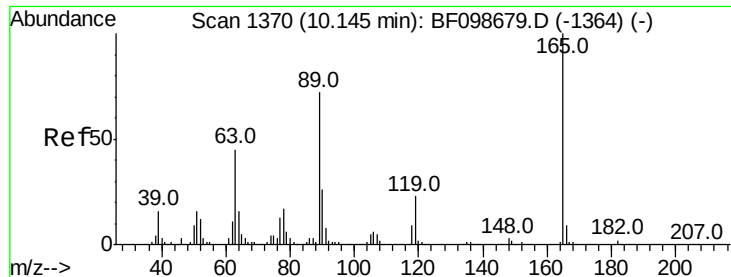
Tgt Ion:165 Resp: 33910

Ion	Ratio	Lower	Upper
165	100		
63	1.0	44.7	67.1#
89	1.3	44.0	66.0#



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

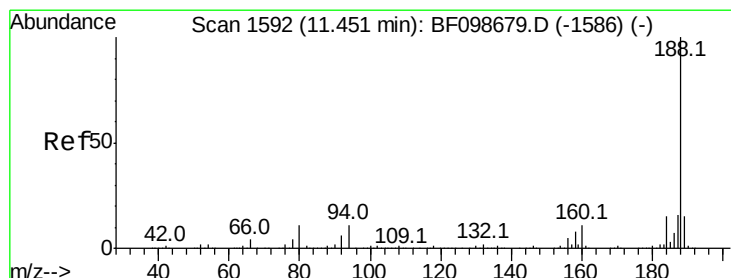
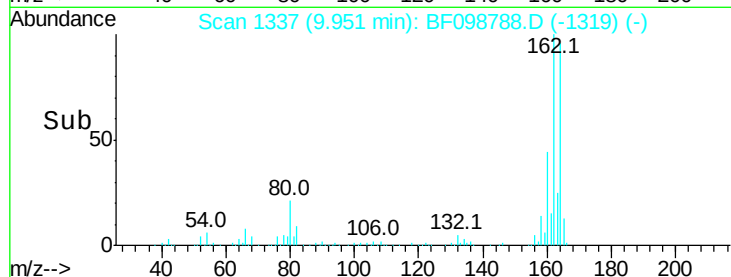
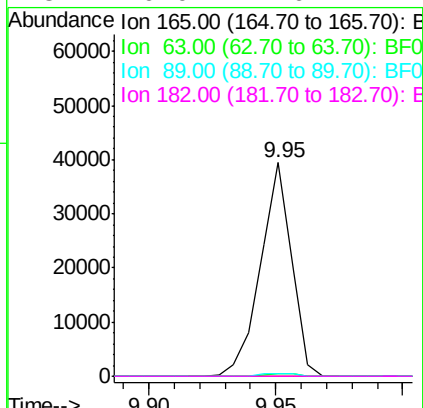
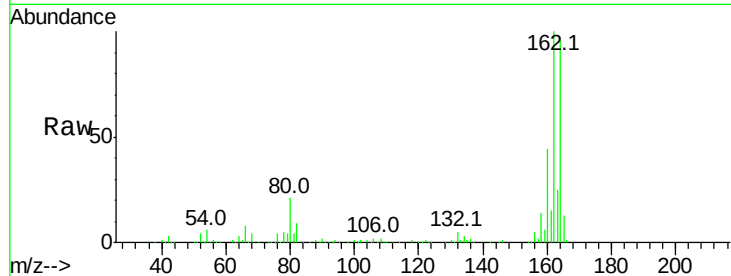




#56
 2,4-Dinitrotoluene
 Concen: 5.996 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.19 min
 Lab File: BF098788.D
 Acq: 25 Sep 2017 17:45

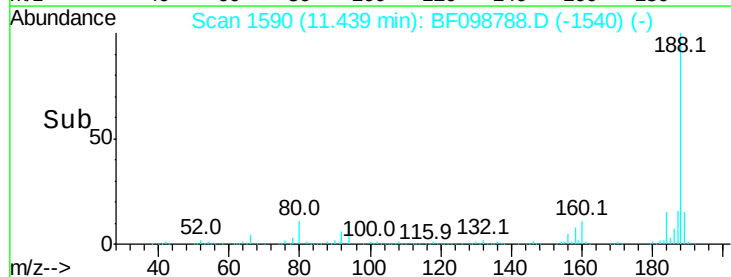
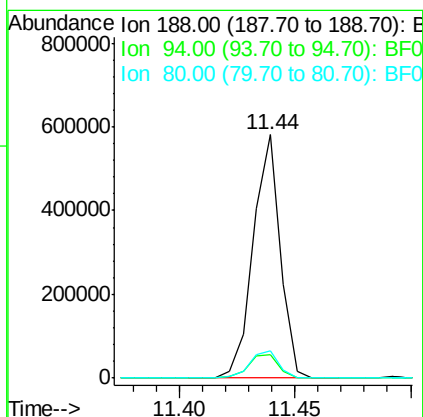
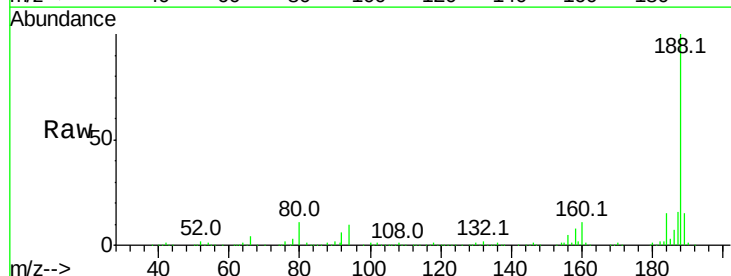
Instrument :
 BNA_F
 ClientSampleId :

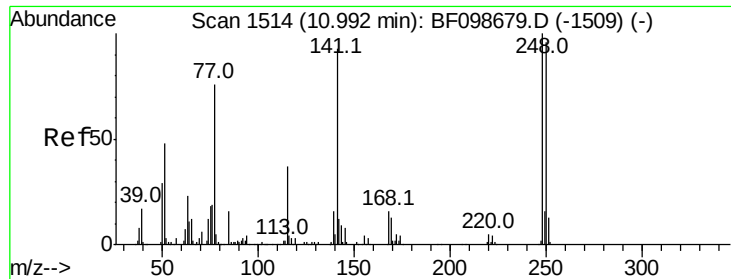
Tot Ion:165 Resp: 33910
 Ion Ratio Lower Upper
 165 100
 63 1.0 36.4 54.6#
 89 1.3 57.8 86.6#
 182 0.0 1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BF098788.D
 Acq: 25 Sep 2017 17:45

Tgt Ion:188 Resp: 477636
 Ion Ratio Lower Upper
 188 100
 94 9.8 8.5 12.7
 80 11.2 9.2 13.8

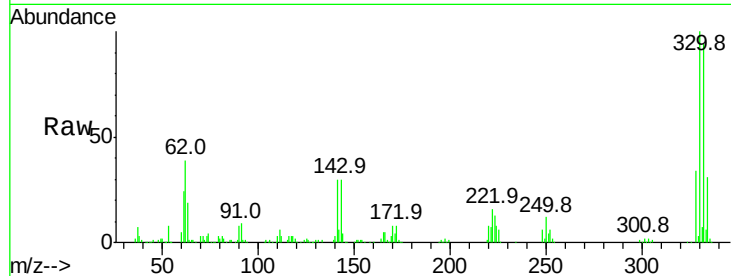




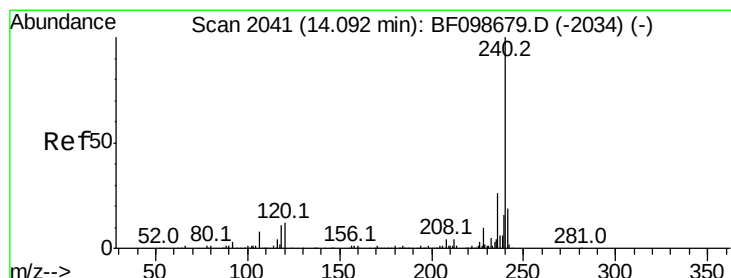
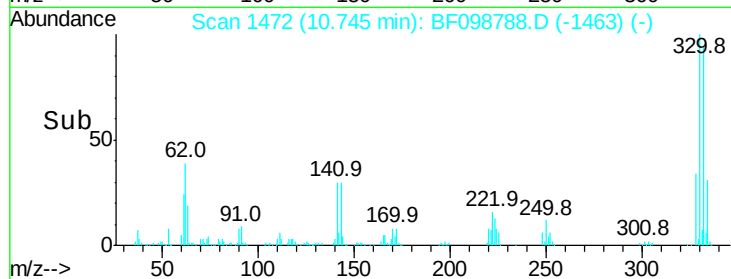
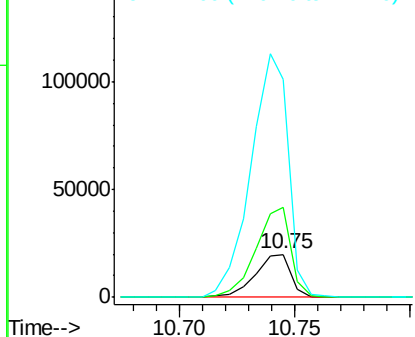
#66
4-Bromophenyl-phenylether
Concen: 4.560 ng
RT: 10.75 min Scan# 1472
Delta R.T. -0.25 min
Lab File: BF098788.D
Acq: 25 Sep 2017 17:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 21319
Ion Ratio Lower Upper
248 100
250 208.0 76.9 115.3#
141 505.4 74.4 111.6#

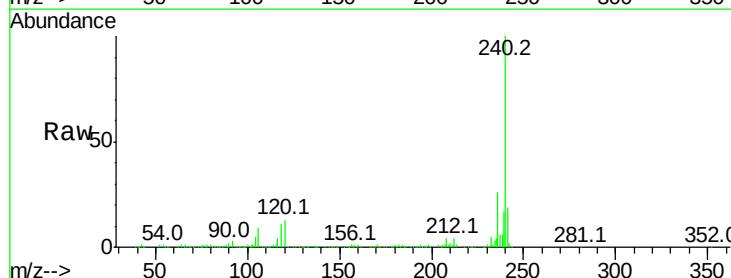


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

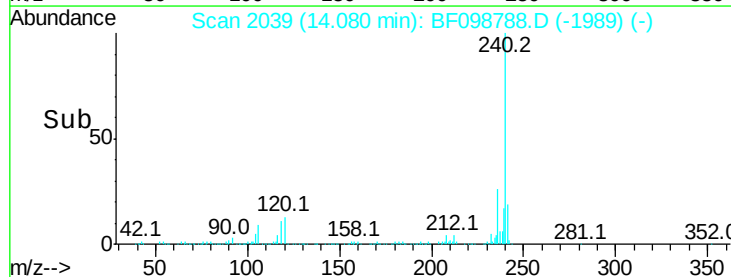
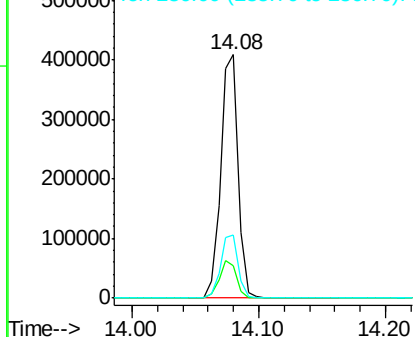


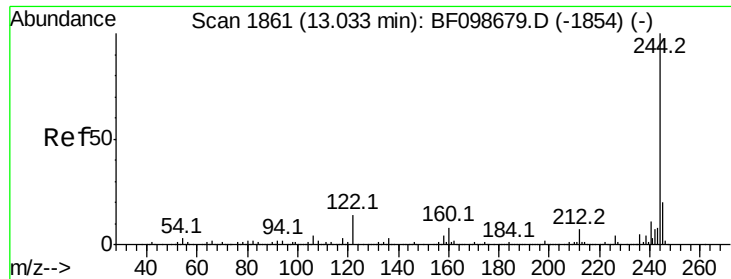
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF098788.D
Acq: 25 Sep 2017 17:45

Tgt Ion:240 Resp: 390918
Ion Ratio Lower Upper
240 100
120 13.1 9.5 14.3
236 26.0 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

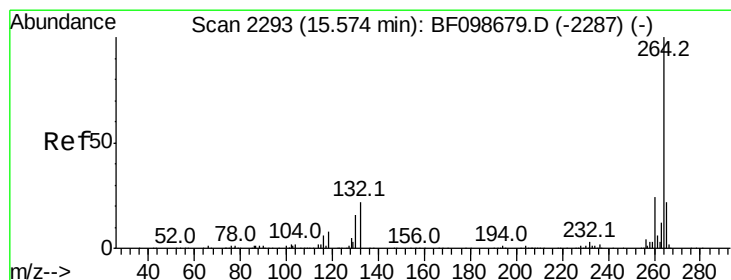
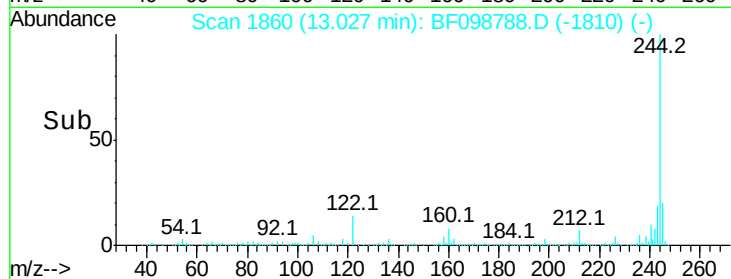
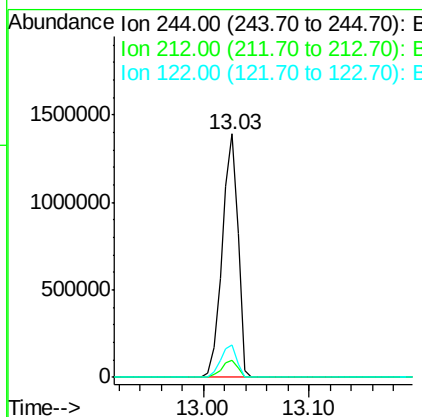
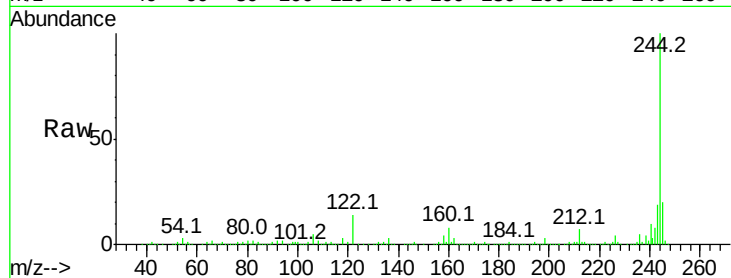




#78
 Terphenyl-d14
 Concen: 84.722 ng
 RT: 13.03 min Scan# 1860
 Delta R.T. -0.01 min
 Lab File: BF098788.D
 Acq: 25 Sep 2017 17:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1456309
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 13.5 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: BF098788.D
 Acq: 25 Sep 2017 17:45

Tgt Ion:264 Resp: 314719
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.2 28.8
 265 21.2 17.5 26.3

