

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
 Data File : BF098725.D
 Acq On : 23 Sep 2017 4:49
 Operator : SJ/JU
 Sample : I5304-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 23 05:46:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 10:38:37 2017
 Response via : Initial Calibration

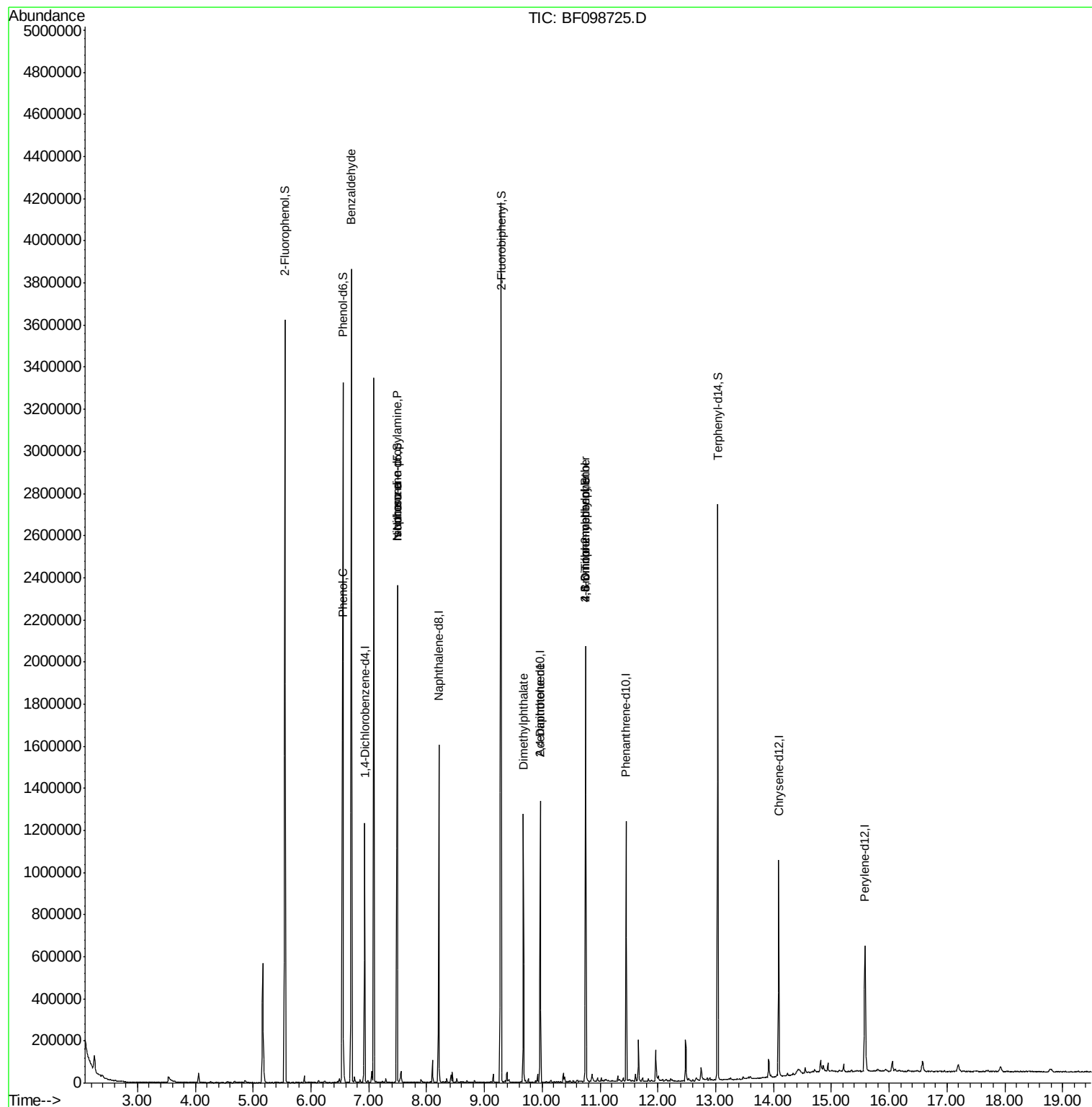
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	162100	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	654591	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	267324	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	377665	20.00	ng	0.00
75) Chrysene-d12	14.09	240	333567	20.00	ng	0.00
86) Perylene-d12	15.59	264	281344	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1117303	104.67	ng	0.01
7) Phenol-d6	6.55	99	1343001	103.89	ng	0.00
23) Nitrobenzene-d5	7.49	82	790646	81.93	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	233970	95.70	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	1268691	75.52	ng	0.00
78) Terphenyl-d14	13.03	244	837996	53.94	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.70	77	23970	3.31	ng	84
10) Phenol	6.56	94	33074	2.32	ng	99
19) n-Nitroso-di-n-propylamine	7.49	70	105401	13.16	ng	# 76
25) Isophorone	7.49	82	789839	37.53	ng	# 64
49) Dimethylphthalate	9.67	163	447351	22.31	ng	100
56) 2,4-Dinitrotoluene	9.96	165	33793	6.36	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.75	198	495	9.16	ng	# 1
66) 4-Bromophenyl-phenylether	10.75	248	14402	3.78	ng	# 1

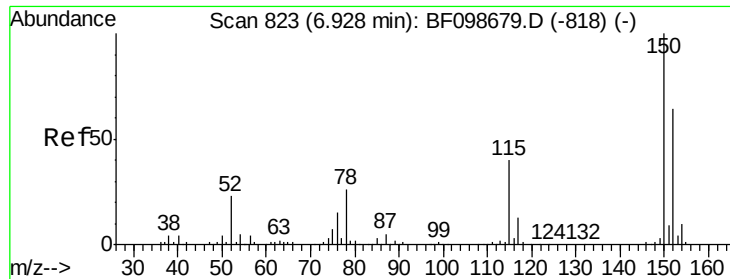
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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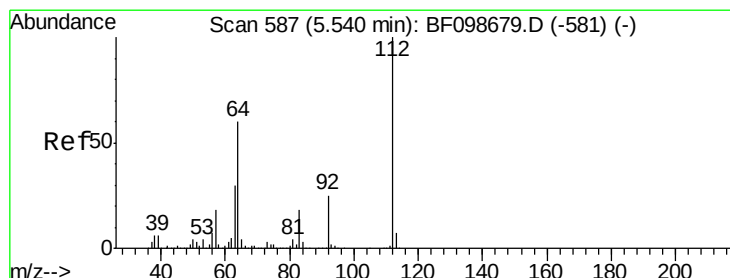
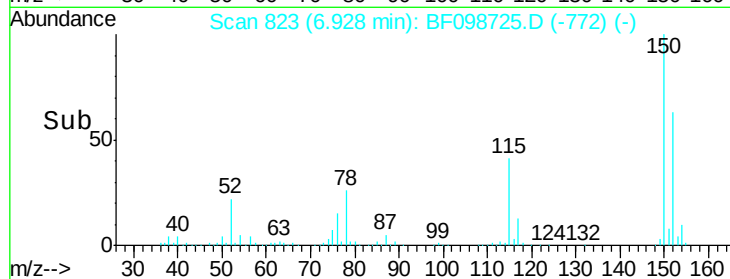
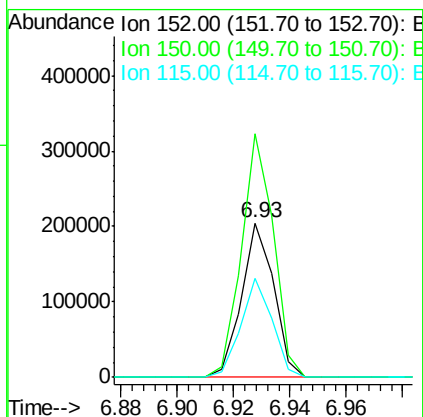
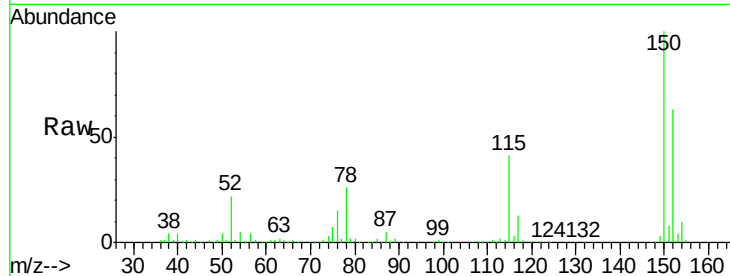


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF098725.D
Acq: 23 Sep 2017 4:49

Instrument :
BNA_F
ClientSampleId :

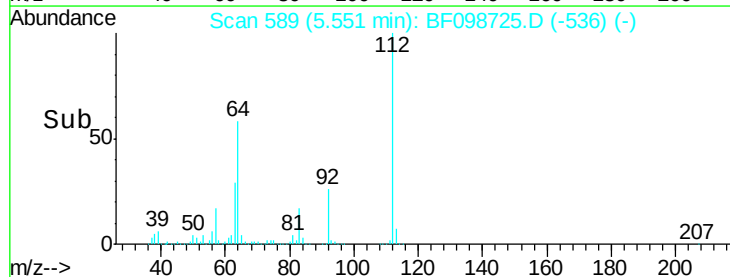
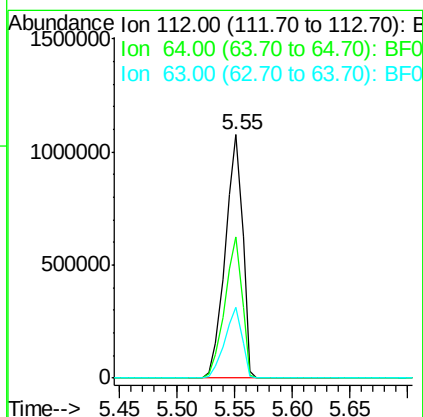
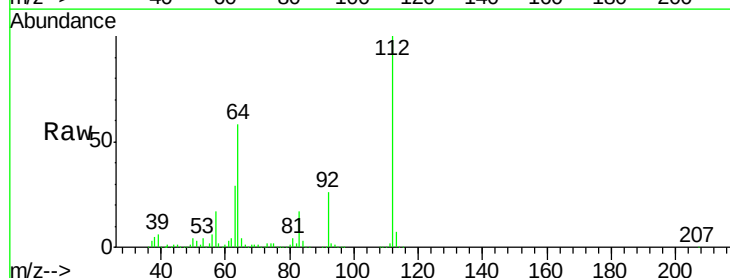
Tot Ion:152 Resp: 162100
Ion Ratio Lower Upper
152 100
150 157.7 124.6 186.8
115 64.0 50.1 75.1

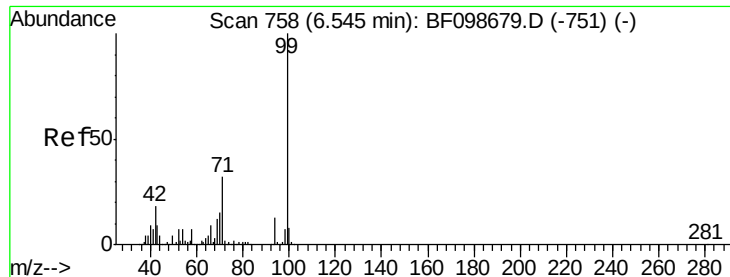


#5

2-Fluorophenol
Concen: 104.67 ng
RT: 5.55 min Scan# 589
Delta R.T. 0.01 min
Lab File: BF098725.D
Acq: 23 Sep 2017 4:49

Tgt Ion:112 Resp: 1117303
Ion Ratio Lower Upper
112 100
64 58.0 47.9 71.9
63 29.0 23.7 35.5





#7

Phenol-d6

Concen: 103.89 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.01 min

Lab File: BF098725.D

Acq: 23 Sep 2017 4:49

Instrument :

BNA_F

ClientSampleId :

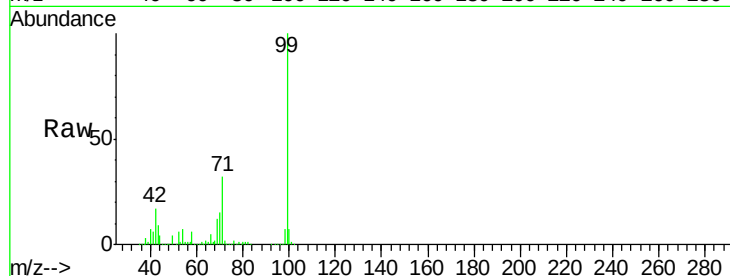
Tot Ion: 99 Resp: 1343001

Ion Ratio Lower Upper

99 100

42 17.2 14.5 21.7

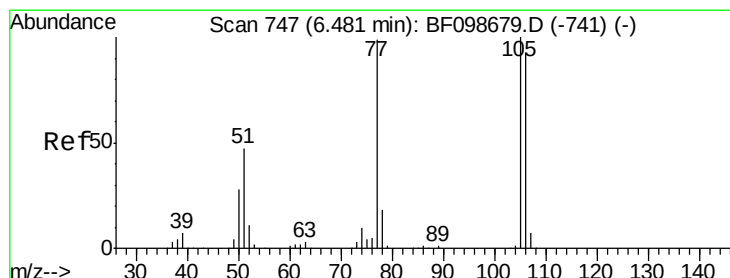
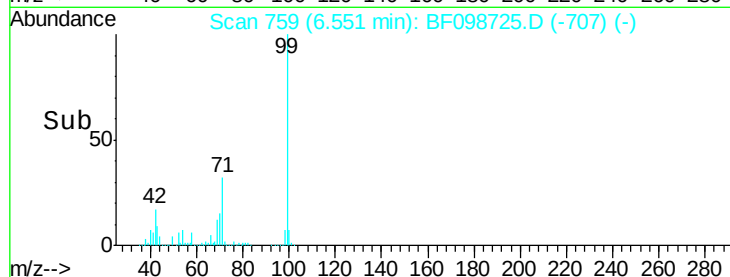
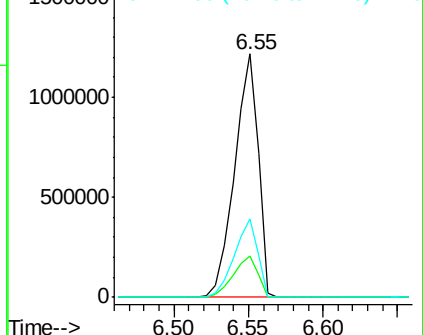
71 32.3 25.4 38.0



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



#9

Benzaldehyde

Concen: 3.31 ng

RT: 6.70 min Scan# 784

Delta R.T. 0.22 min

Lab File: BF098725.D

Acq: 23 Sep 2017 4:49

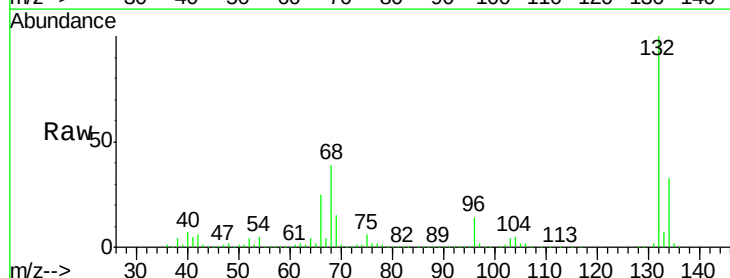
Tgt Ion: 77 Resp: 23970

Ion Ratio Lower Upper

77 100

105 84.2 81.1 121.1

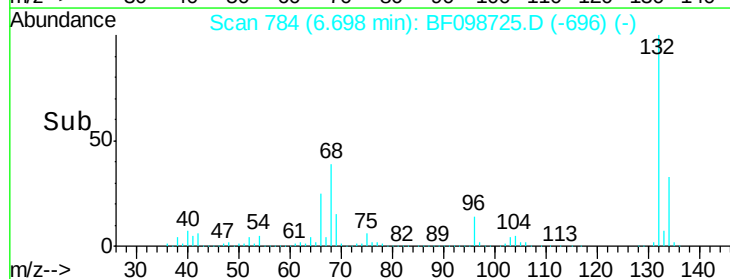
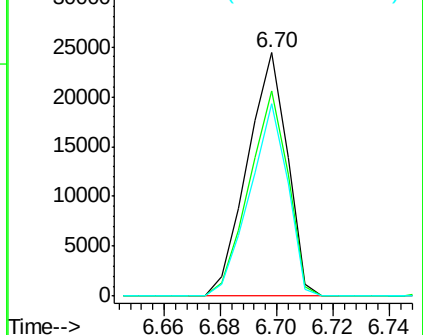
106 79.1 74.5 114.5

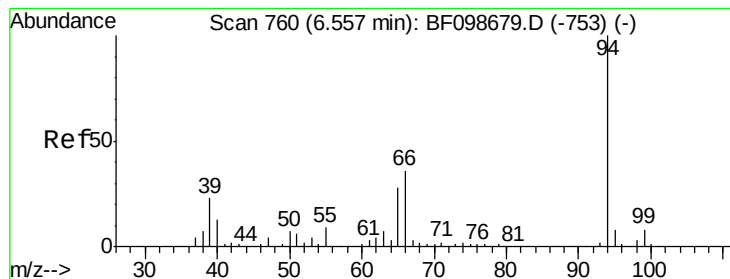


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0





#10

Phenol

Concen: 2.32 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.01 min

Lab File: BF098725.D

Acq: 23 Sep 2017 4:49

Instrument :

BNA_F

ClientSampleId :

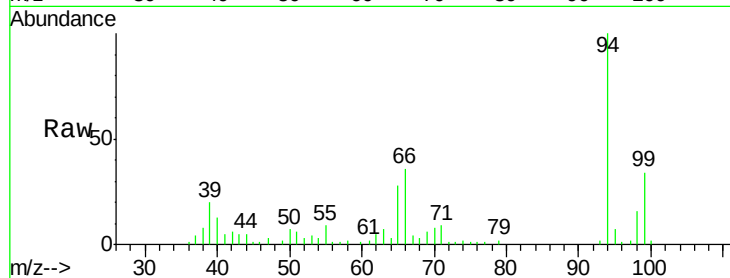
Tot Ion: 94 Resp: 33074

Ion Ratio Lower Upper

94 100

65 27.7 7.9 47.9

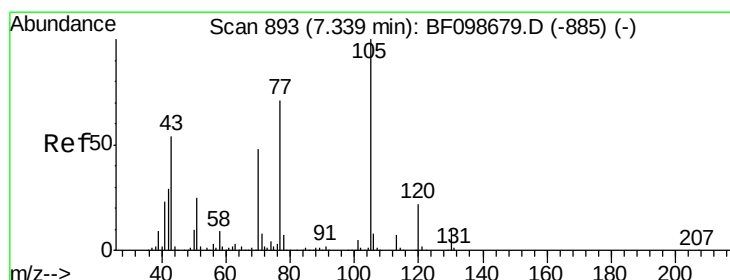
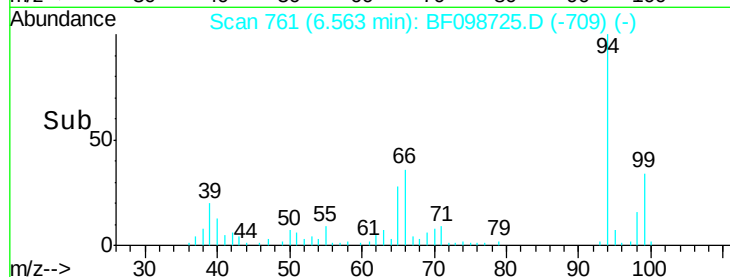
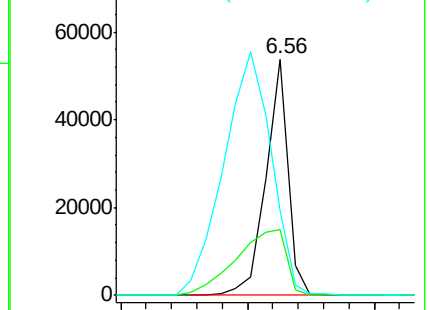
66 35.7 16.2 56.2



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: 13.16 ng

RT: 7.49 min Scan# 919

Delta R.T. 0.15 min

Lab File: BF098725.D

Acq: 23 Sep 2017 4:49

Tgt Ion: 70 Resp: 105401

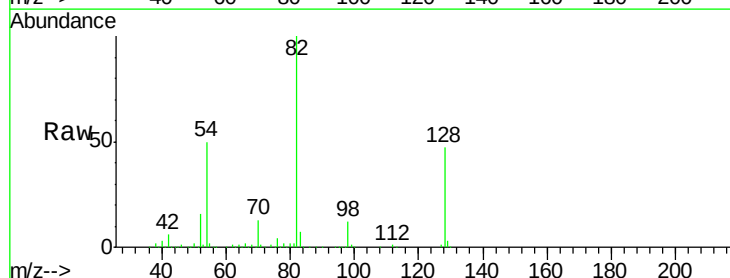
Ion Ratio Lower Upper

70 100

42 46.3 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

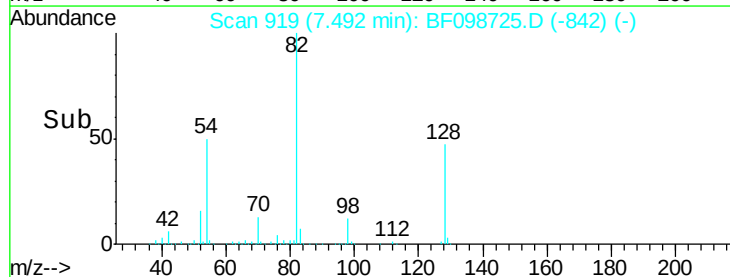
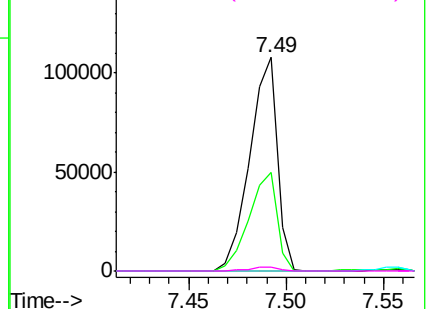


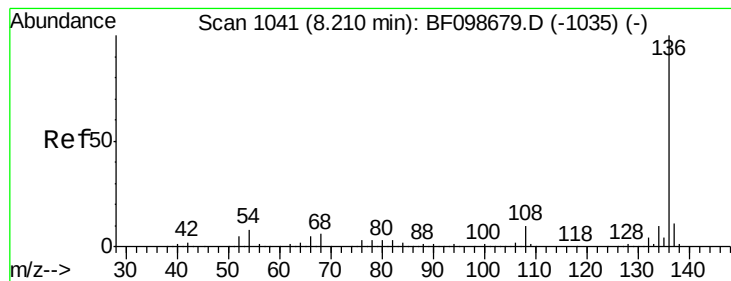
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.21 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF098725.D

Acq: 23 Sep 2017 4:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 654591

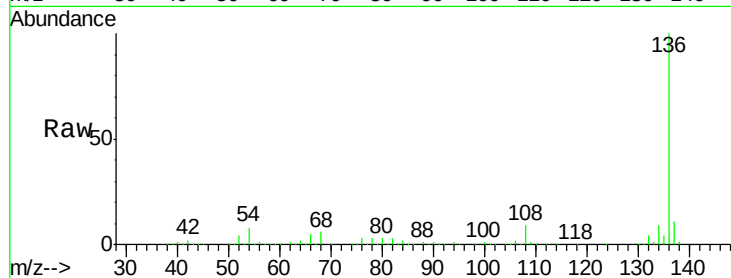
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.8 6.6 9.8

68 6.3 5.0 7.4

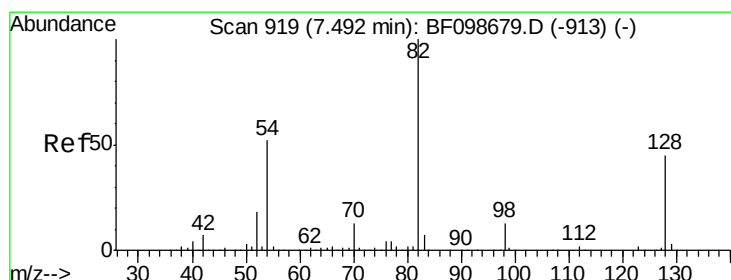
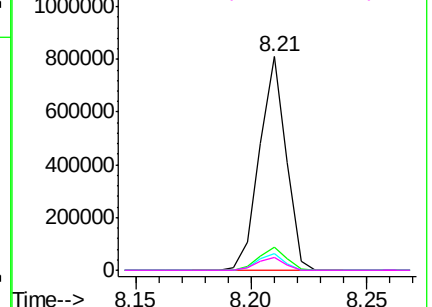
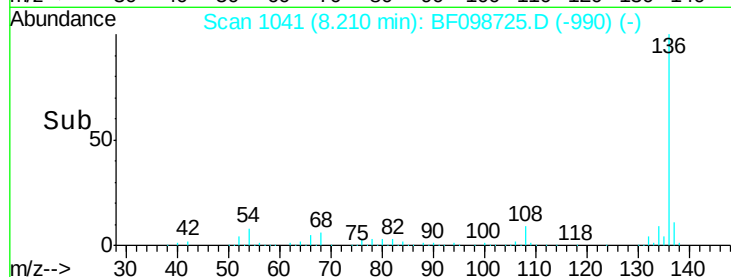


Abundance Ion 136.00 (135.70 to 136.70): E

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: 81.93 ng

RT: 7.49 min Scan# 919

Delta R.T. -0.00 min

Lab File: BF098725.D

Acq: 23 Sep 2017 4:49

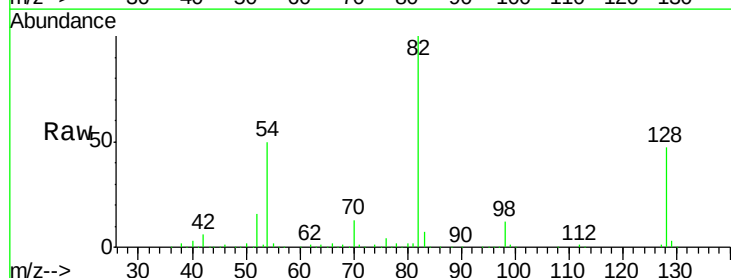
Tgt Ion: 82 Resp: 790646

Ion Ratio Lower Upper

82 100

128 47.4 36.1 54.1

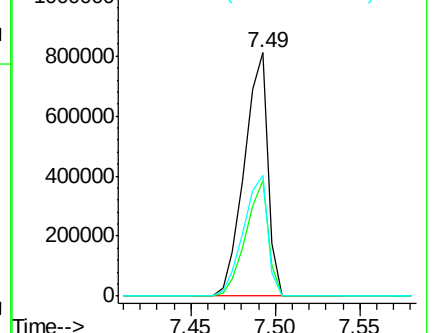
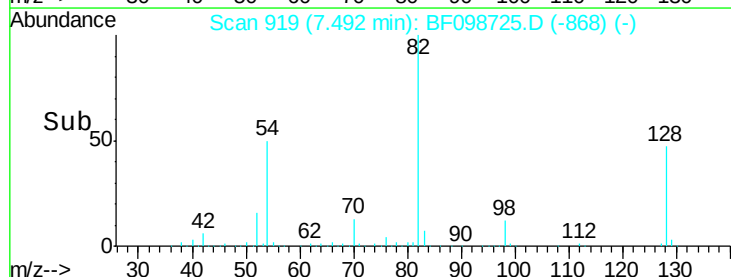
54 49.7 41.4 62.2

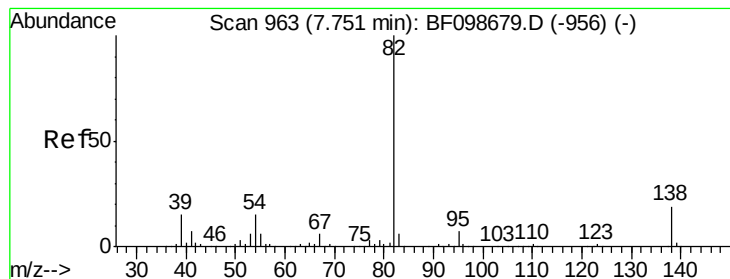


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 37.53 ng

RT: 7.49 min Scan# 919

Delta R.T. -0.26 min

Lab File: BF098725.D

Acq: 23 Sep 2017 4:49

Instrument :

BNA_F

ClientSampled :

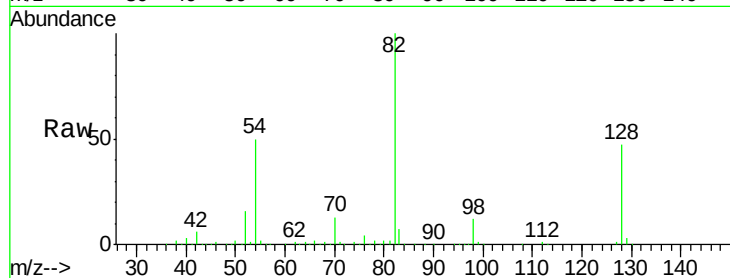
Tot Ion: 82 Resp: 789839

Ion Ratio Lower Upper

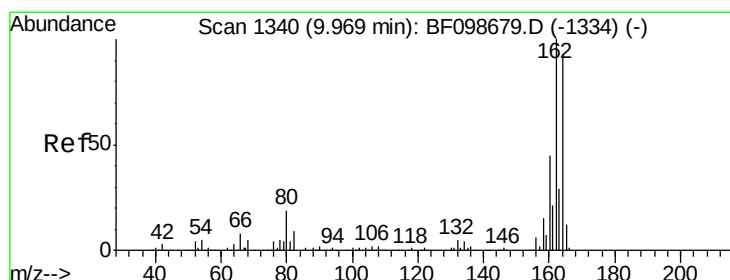
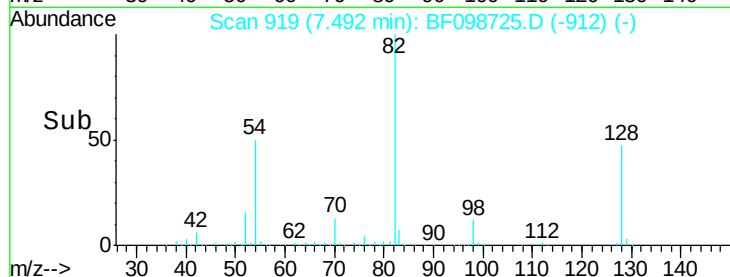
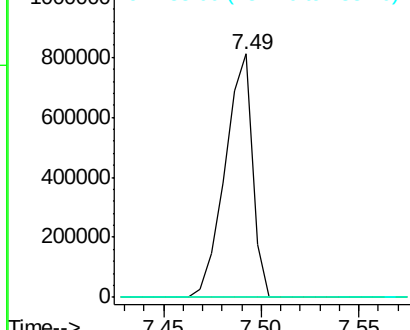
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF098725.D

Acq: 23 Sep 2017 4:49

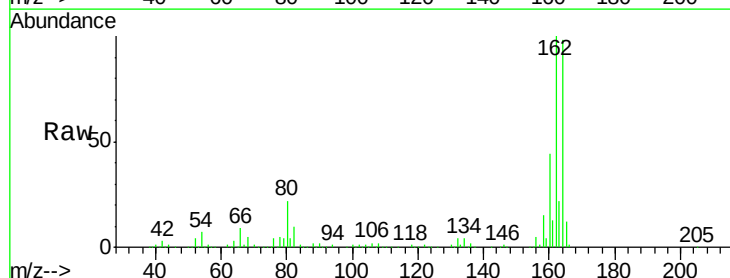
Tgt Ion: 164 Resp: 267324

Ion Ratio Lower Upper

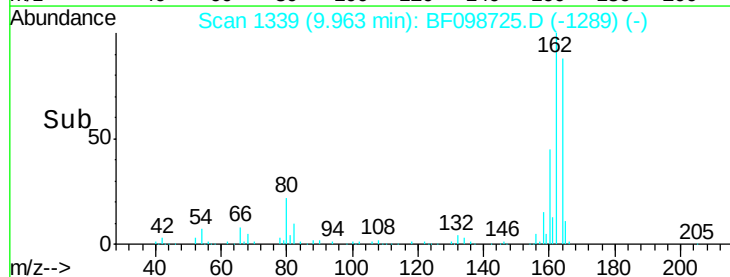
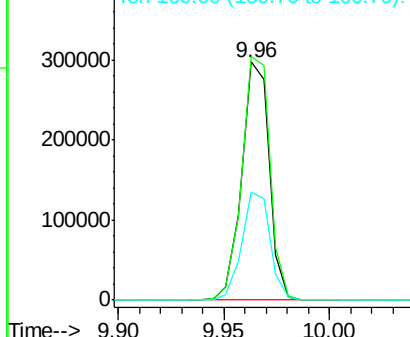
164 100

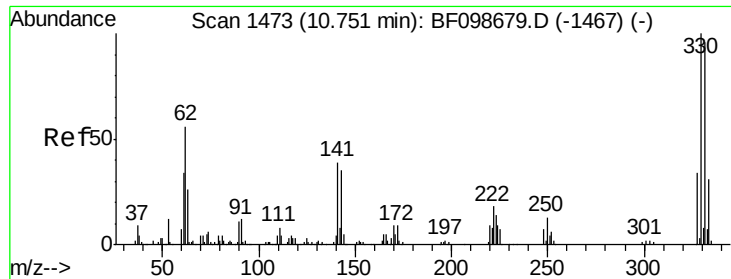
162 102.3 86.1 129.1

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

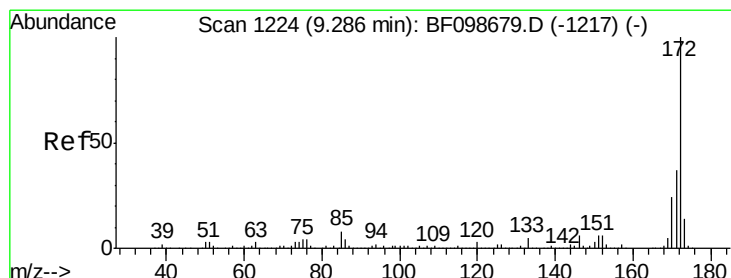
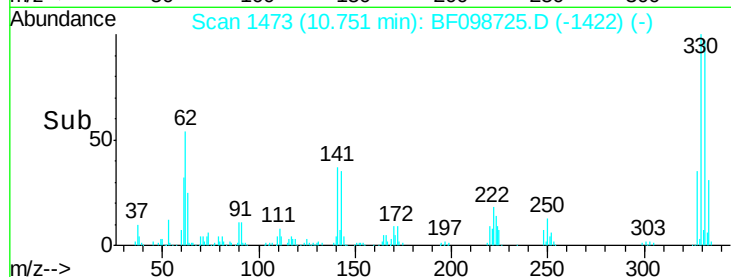
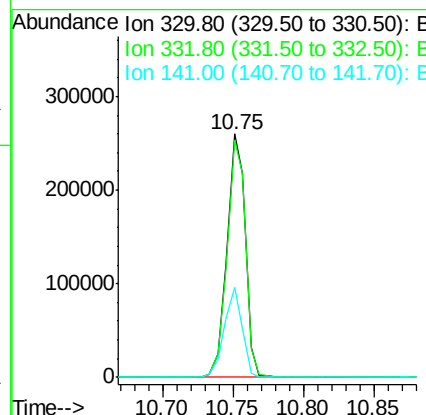
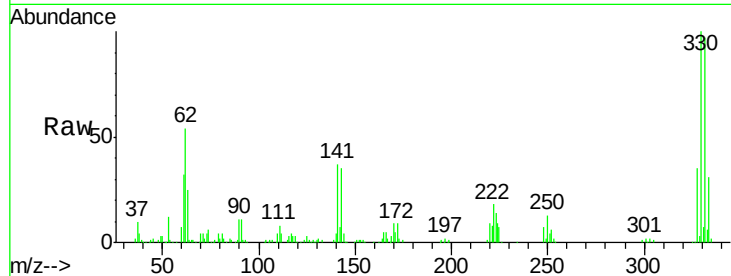




#41
 2,4,6-Tribromophenol
 Concen: 95.70 ng
 RT: 10.75 min Scan# 1473
 Delta R.T. -0.00 min
 Lab File: BF098725.D
 Acq: 23 Sep 2017 4:49

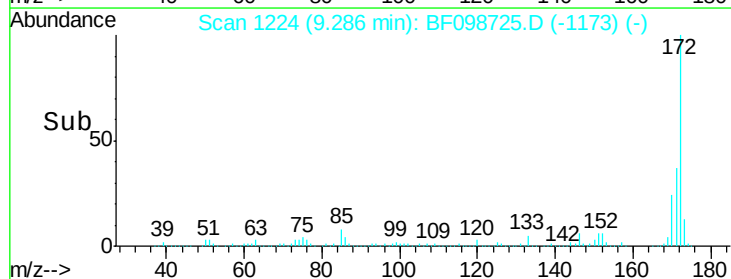
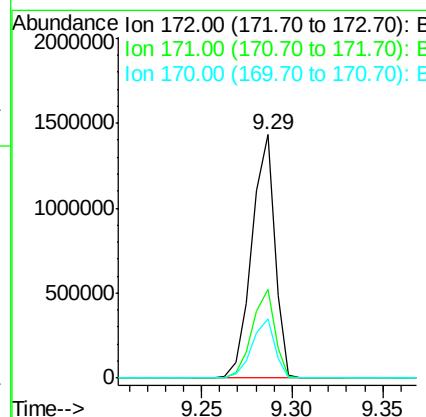
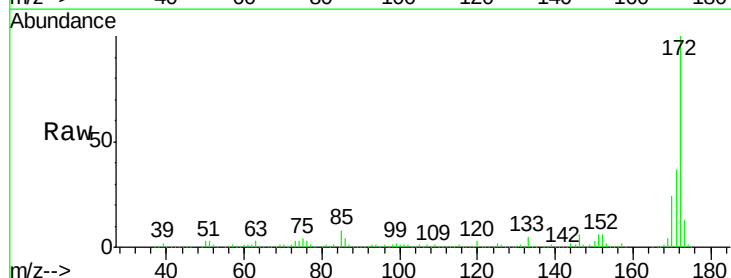
Instrument :
 BNA_F
 ClientSampleId :

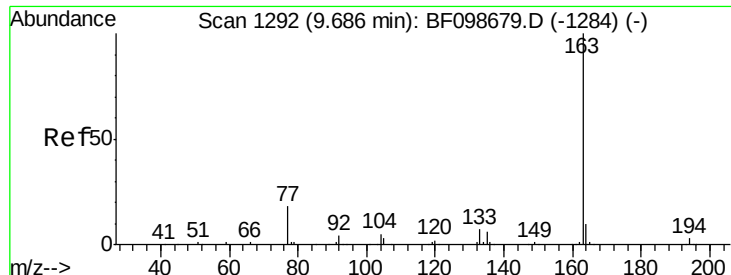
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.0	115.6
141	36.1	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 75.52 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BF098725.D
 Acq: 23 Sep 2017 4:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.2	19.6	29.4

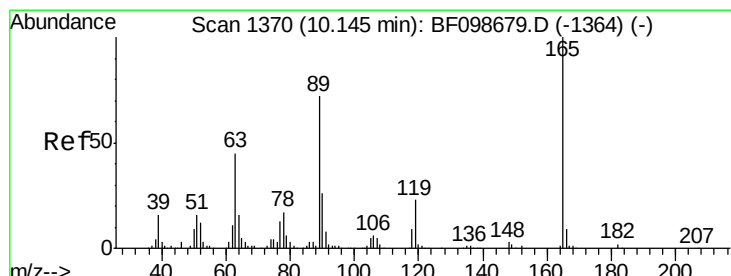
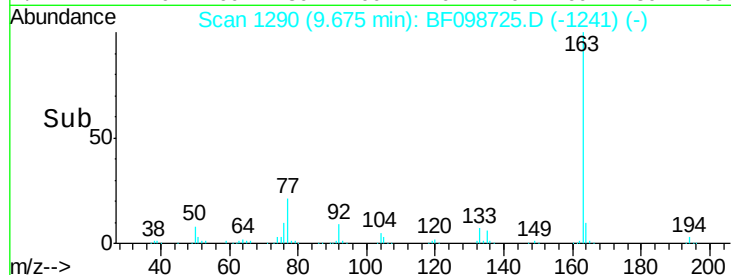
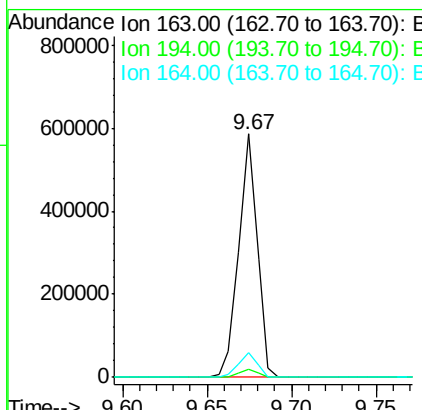
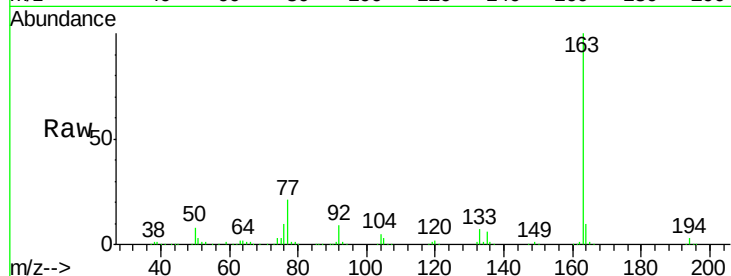




#49
 Dimethylphthalate
 Concen: 22.31 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BF098725.D
 Acq: 23 Sep 2017 4:49

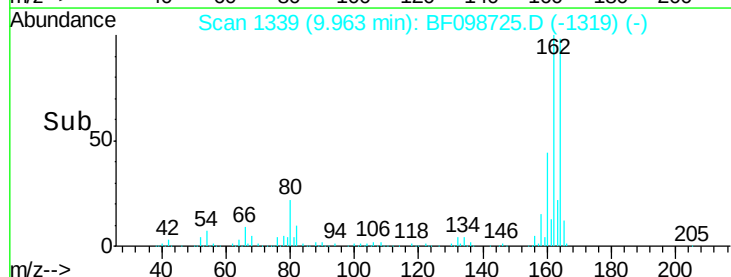
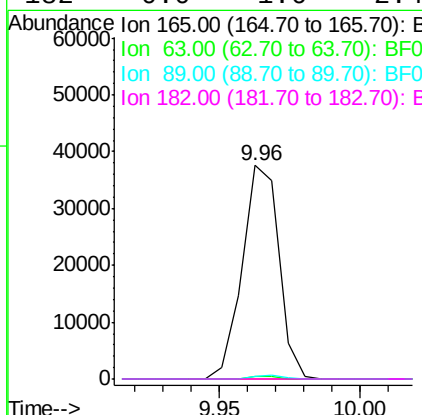
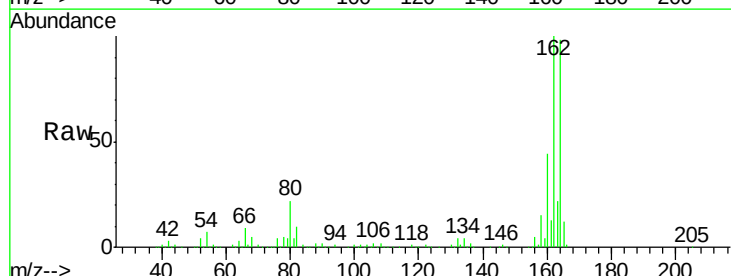
Instrument :
 BNA_F
 ClientSampleId :

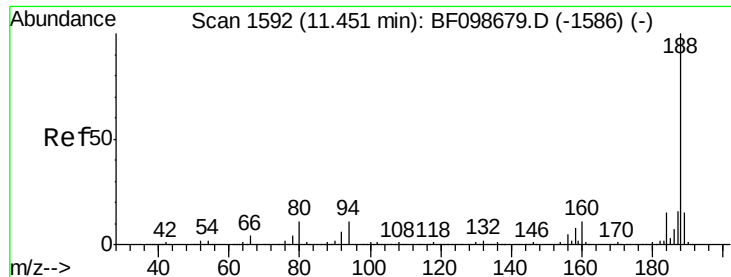
Tot Ion:163	Resp:	447351
Ion Ratio	Lower	Upper
163	100	
194	3.2	2.7 4.1
164	10.2	8.2 12.2



#56
 2,4-Dinitrotoluene
 Concen: 6.36 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.18 min
 Lab File: BF098725.D
 Acq: 23 Sep 2017 4:49

Tgt Ion:165	Resp:	33793
Ion Ratio	Lower	Upper
165	100	
63	1.5	36.4 54.6#
89	1.2	57.8 86.6#
182	0.0	1.6 2.4#

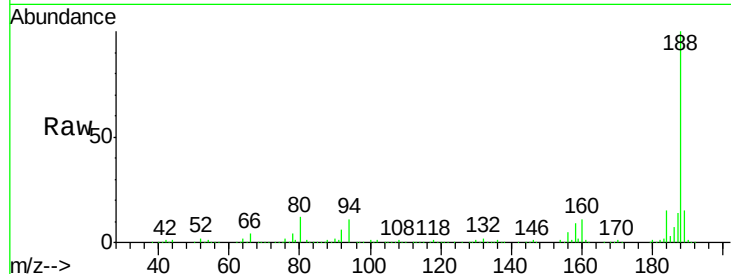




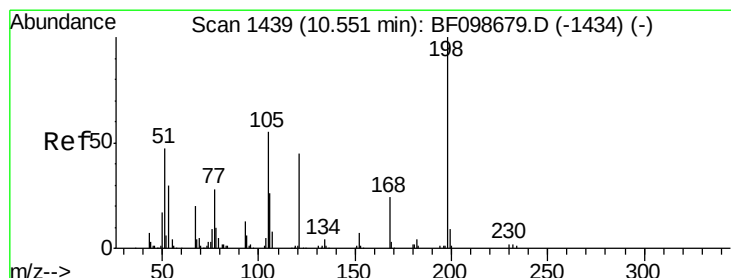
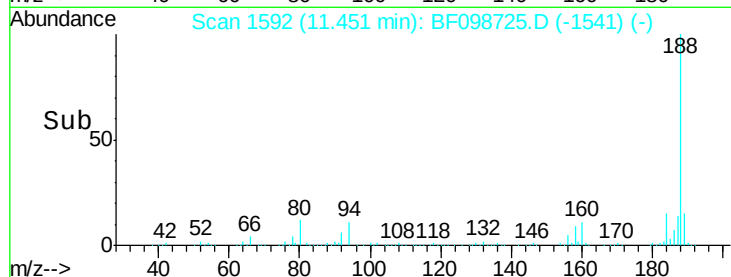
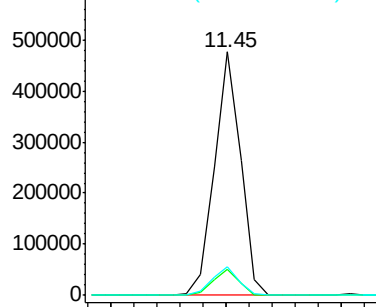
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.00 min
Lab File: BF098725.D
Acq: 23 Sep 2017 4:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 377665
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 11.8 9.2 13.8

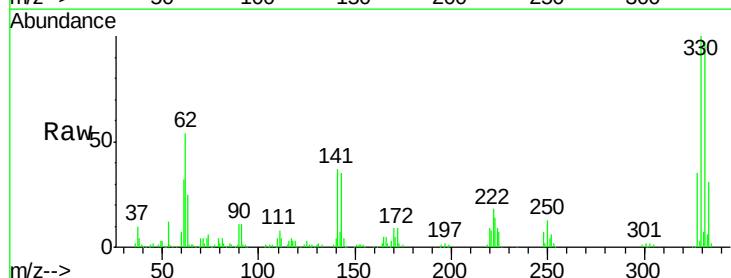


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

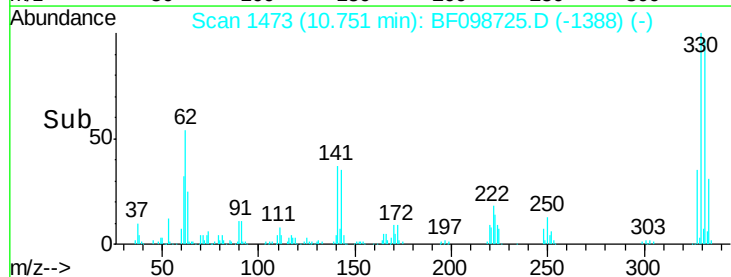
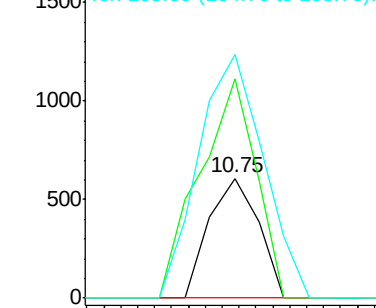


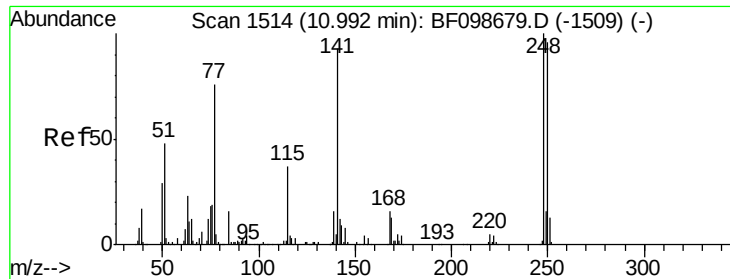
#64
4,6-Dinitro-2-methylphenol
Concen: 9.16 ng
RT: 10.75 min Scan# 1473
Delta R.T. 0.20 min
Lab File: BF098725.D
Acq: 23 Sep 2017 4:49

Tgt Ion:198 Resp: 495
Ion Ratio Lower Upper
198 100
51 182.8 37.7 77.7#
105 202.8 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

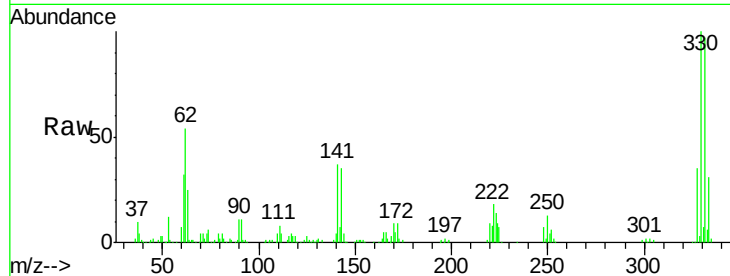




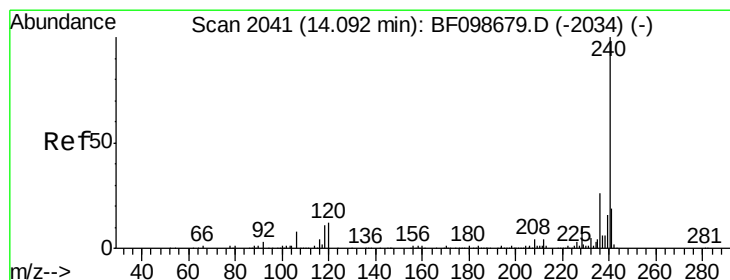
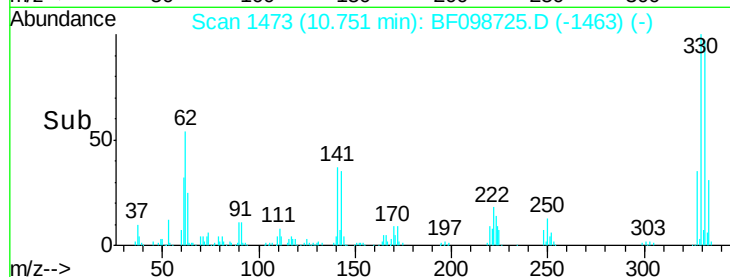
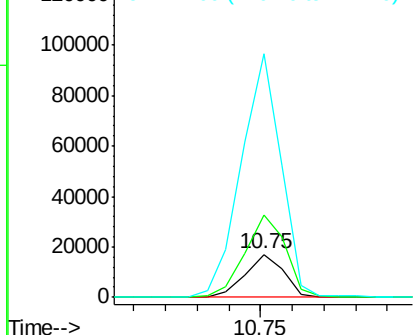
#66
 4-Bromophenyl-phenylether
 Concen: 3.78 ng
 RT: 10.75 min Scan# 1473
 Delta R.T. -0.24 min
 Lab File: BF098725.D
 Acq: 23 Sep 2017 4:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 14402
 Ion Ratio Lower Upper
 248 100
 250 192.8 76.9 115.3#
 141 565.8 74.4 111.6#

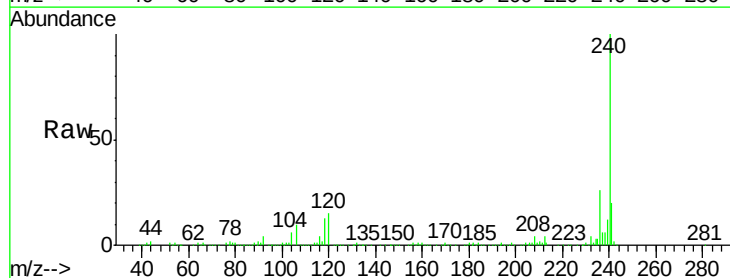


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

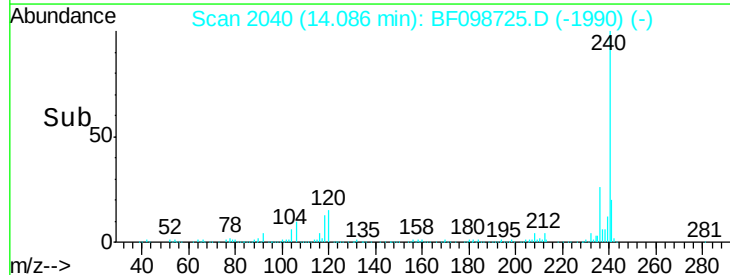
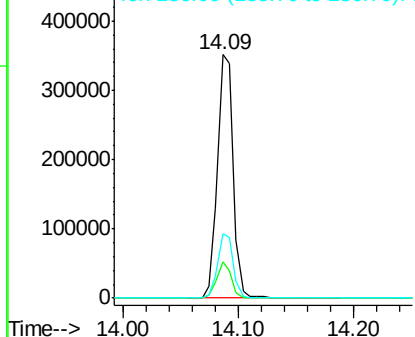


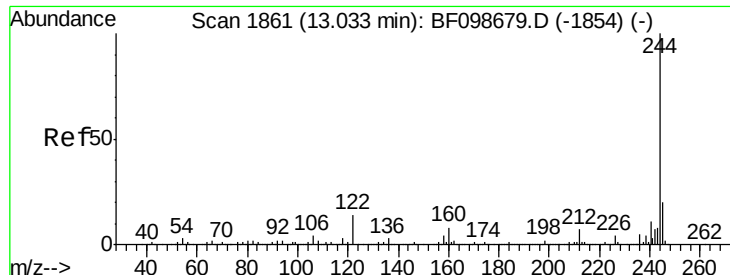
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. -0.01 min
 Lab File: BF098725.D
 Acq: 23 Sep 2017 4:49

Tgt Ion:240 Resp: 333567
 Ion Ratio Lower Upper
 240 100
 120 14.8 9.5 14.3#
 236 26.3 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

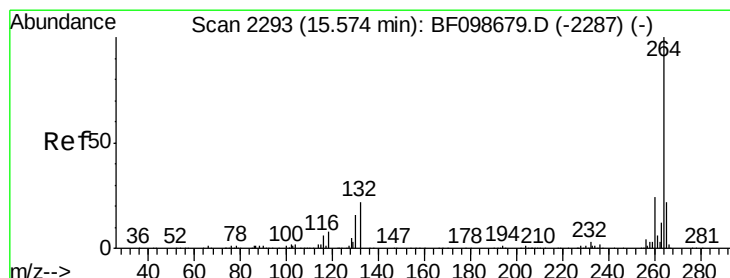
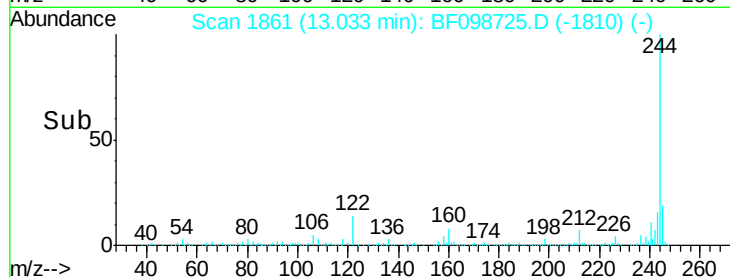
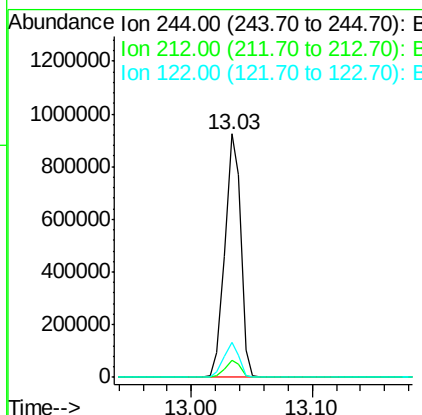
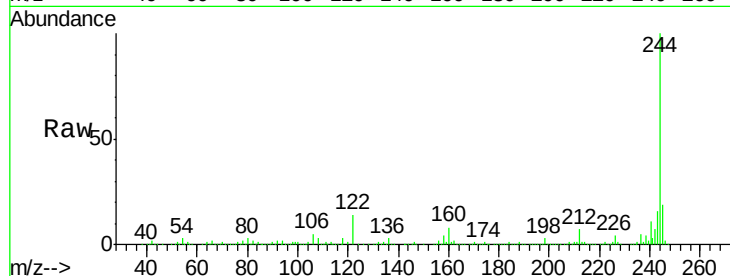




#78
 Terphenyl-d14
 Concen: 53.94 ng
 RT: 13.03 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: BF098725.D
 Acq: 23 Sep 2017 4:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 837996
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 14.4 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.59 min Scan# 2295
 Delta R.T. 0.01 min
 Lab File: BF098725.D
 Acq: 23 Sep 2017 4:49

Tgt Ion:264 Resp: 281344
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 21.1 17.5 26.3

