

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
 Data File : BF098803.D
 Acq On : 26 Sep 2017 00:52
 Operator : SJ/JU
 Sample : I5391-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 26 05:23:12 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

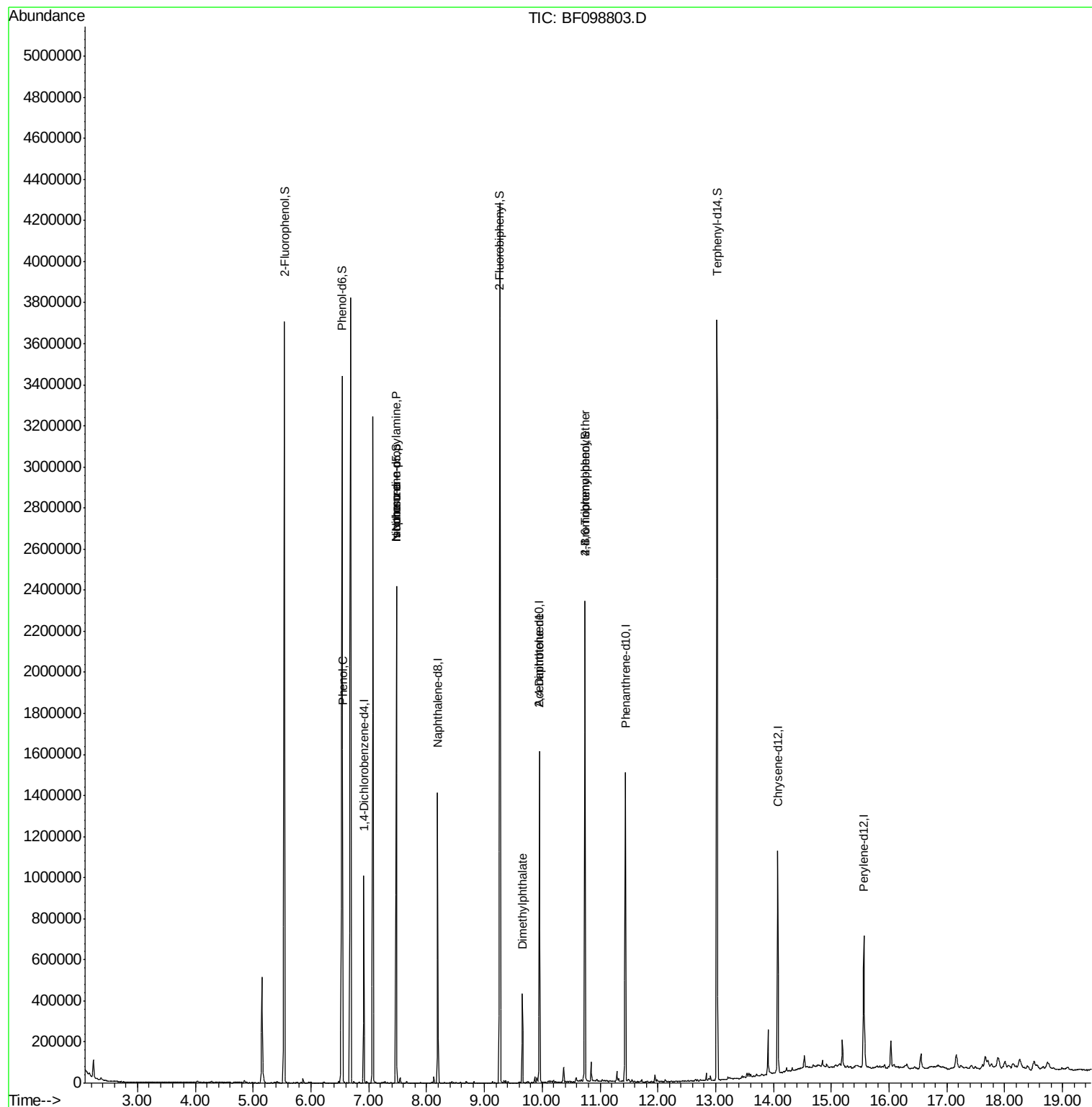
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	150918	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	644865	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	304029	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	524484	20.00	ng	0.00
75) Chrysene-d12	14.07	240	321849	20.00	ng	-0.01
86) Perylene-d12	15.56	264	272695	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1145942	120.88	ng	0.00
7) Phenol-d6	6.54	99	1396016	119.37	ng	0.00
23) Nitrobenzene-d5	7.47	82	844464	83.98	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	271939	109.31	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	1527978	83.90	ng	-0.01
78) Terphenyl-d14	13.02	244	1292706	91.34	ng	-0.01
Target Compounds						
10) Phenol	6.55	94	39163	2.994	ng	93
19) n-Nitroso-di-n-propylamine	7.47	70	111250	14.899	ng	# 77
25) Isophorone	7.47	82	844286	40.610	ng	# 64
49) Dimethylphthalate	9.66	163	155963	6.797	ng	100
56) 2,4-Dinitrotoluene	9.95	165	38878	5.997	ng	# 23
66) 4-Bromophenyl-phenylether	10.74	248	17976	3.501	ng	# 1

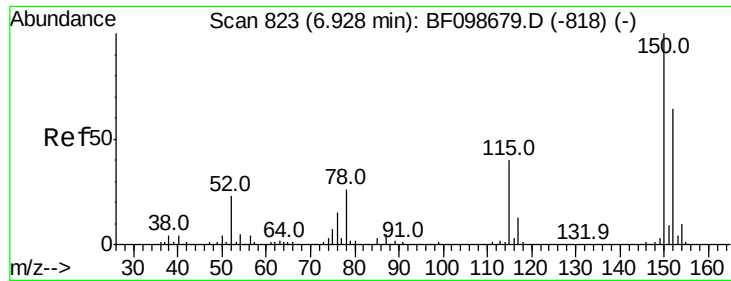
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
Data File : BF098803.D
Acq On : 26 Sep 2017 00:52
Operator : SJ/JU
Sample : I5391-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 26 05:23:12 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



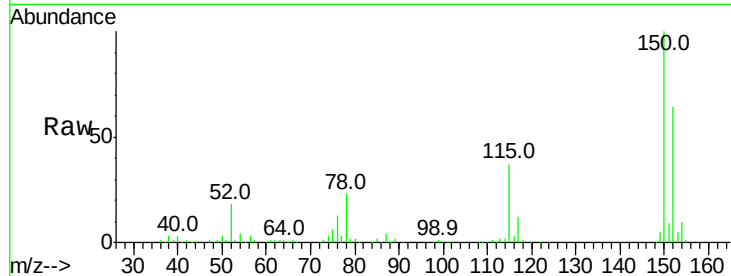


#1

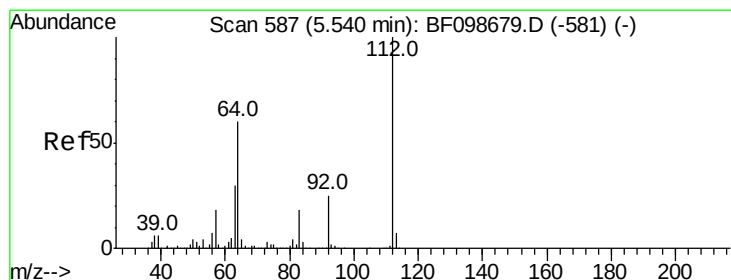
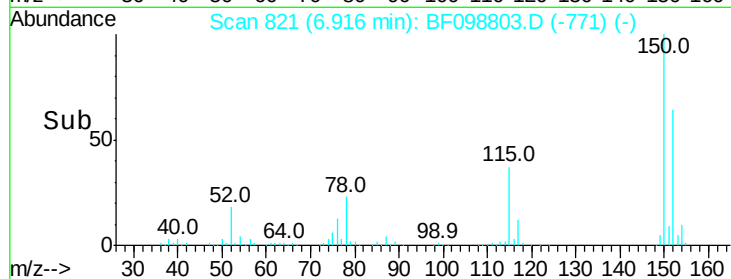
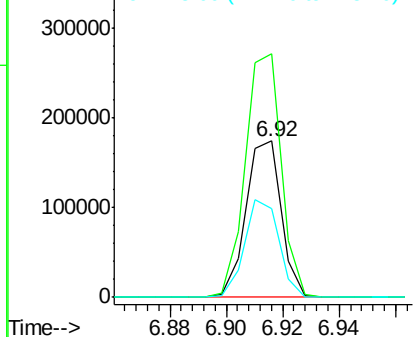
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098803.D
Acq: 26 Sep 2017 00:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 150918
Ion Ratio Lower Upper
152 100
150 155.6 124.6 186.8
115 56.9 50.1 75.1



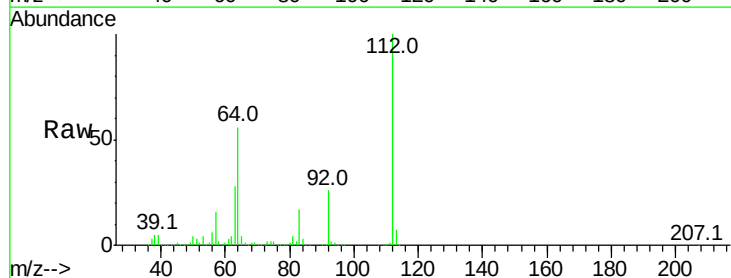
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



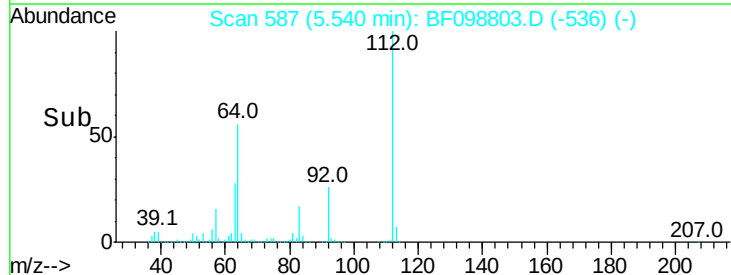
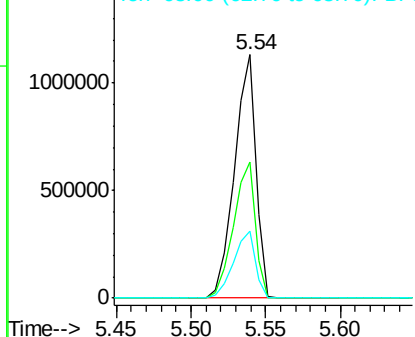
#5

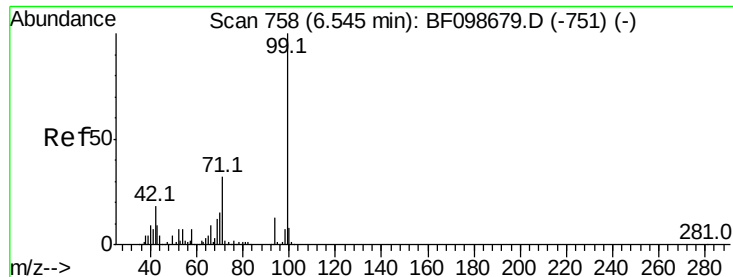
2-Fluorophenol
Concen: 120.875 ng
RT: 5.54 min Scan# 587
Delta R.T. 0.00 min
Lab File: BF098803.D
Acq: 26 Sep 2017 00:52

Tgt Ion:112 Resp: 1145942
Ion Ratio Lower Upper
112 100
64 56.1 47.9 71.9
63 27.7 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: 119.368 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF098803.D

Acq: 26 Sep 2017 00:52

Instrument :

BNA_F

ClientSampleId :

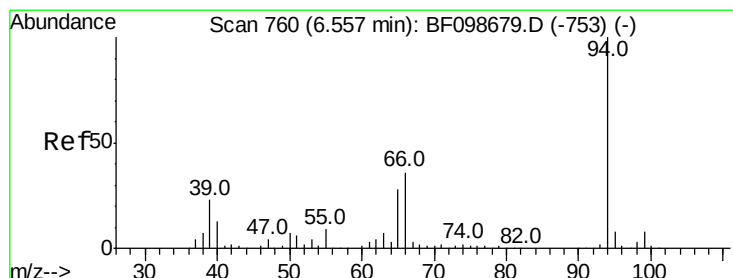
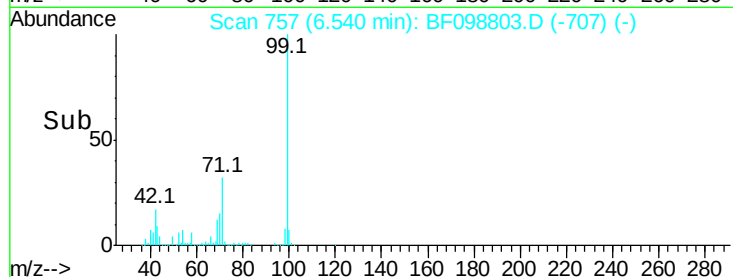
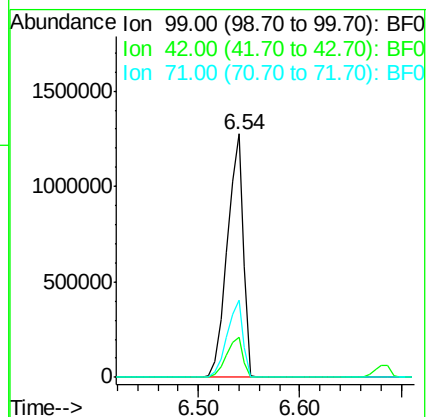
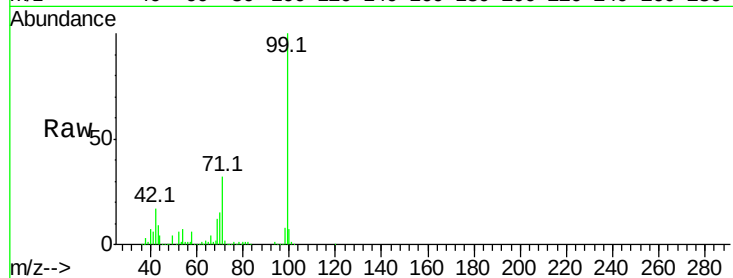
Tot Ion: 99 Resp: 1396016

Ion Ratio Lower Upper

99 100

42 16.6 14.5 21.7

71 31.7 25.4 38.0



#10

Phenol

Concen: 2.994 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF098803.D

Acq: 26 Sep 2017 00:52

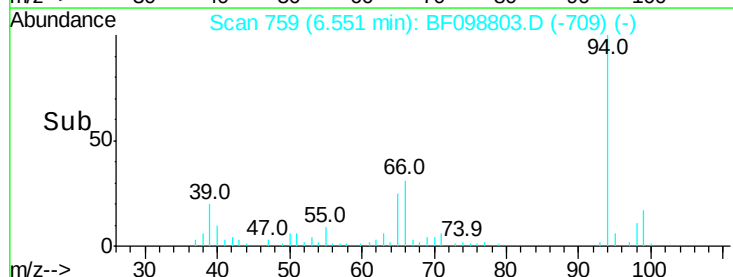
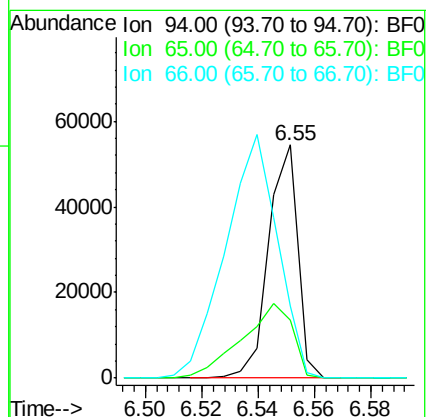
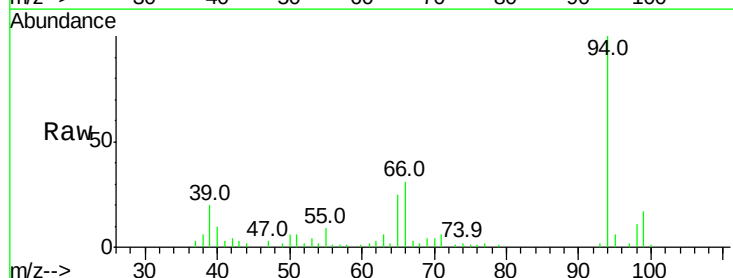
Tgt Ion: 94 Resp: 39163

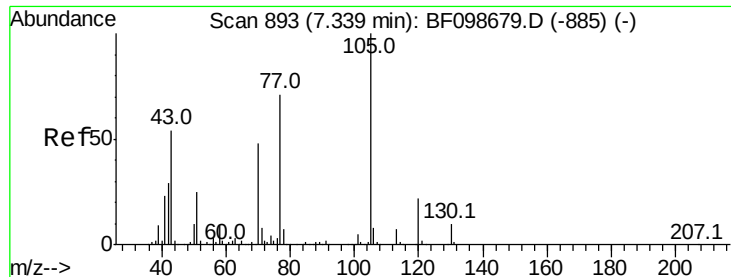
Ion Ratio Lower Upper

94 100

65 25.1 7.9 47.9

66 30.8 16.2 56.2





#19

n-Nitroso-di-n-propylamine

Concen: 14.899 ng

RT: 7.47 min Scan# 916

Delta R.T. 0.14 min

Lab File: BF098803.D

Acq: 26 Sep 2017 00:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 111250

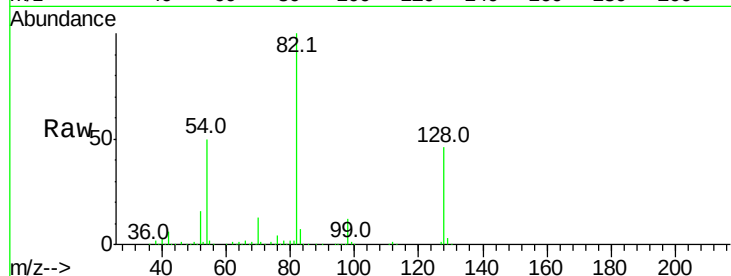
Ion Ratio Lower Upper

70 100

42 46.3 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

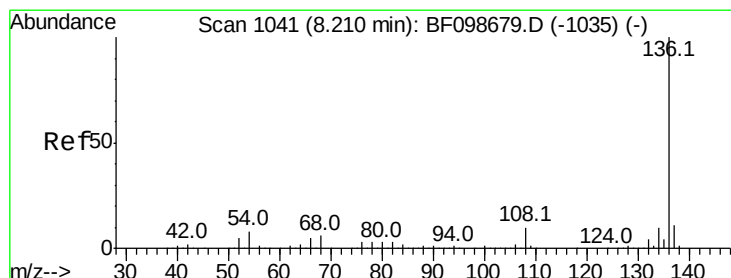
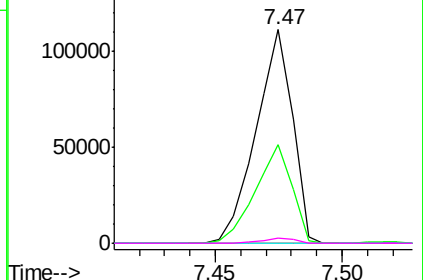
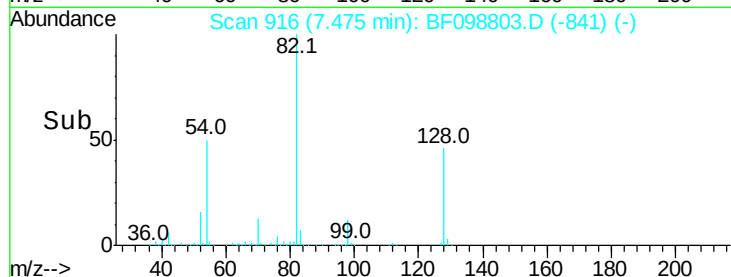


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 20.000 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF098803.D

Acq: 26 Sep 2017 00:52

Tgt Ion:136 Resp: 644865

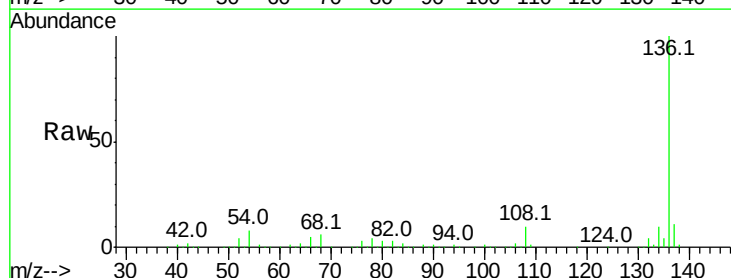
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 8.4 6.6 9.8

68 6.3 5.0 7.4

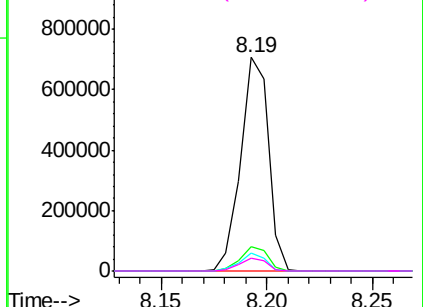
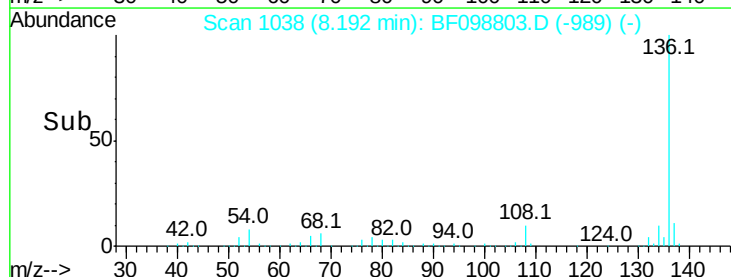


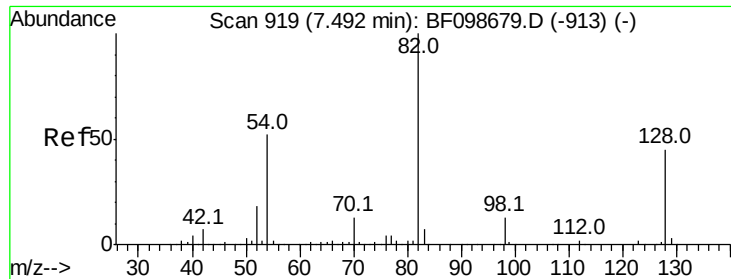
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

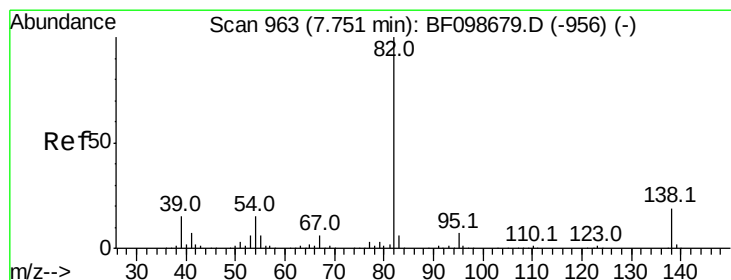
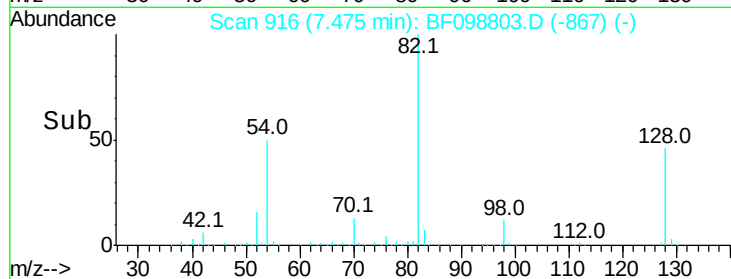
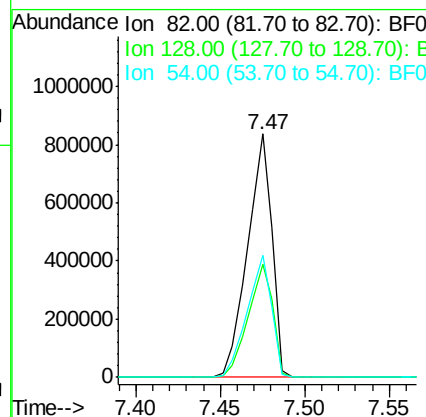
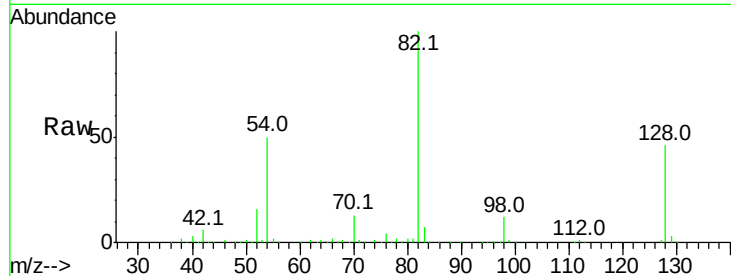




#23
 Nitrobenzene-d5
 Concen: 83.980 ng
 RT: 7.47 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: BF098803.D
 Acq: 26 Sep 2017 00:52

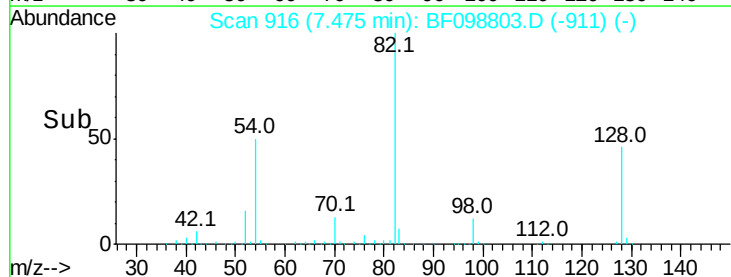
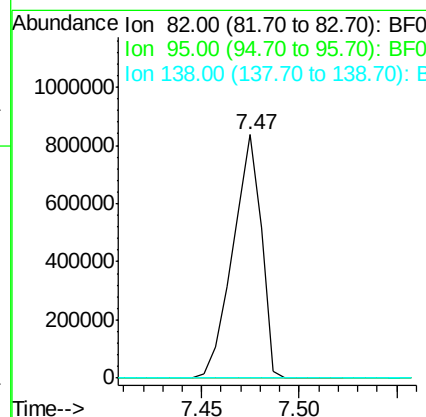
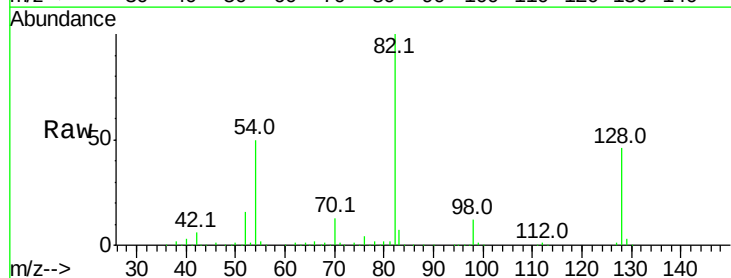
Instrument :
 BNA_F
 ClientSampleId :

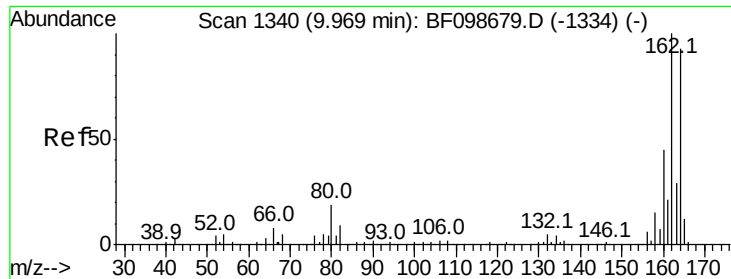
Tot Ion: 82 Resp: 844464
 Ion Ratio Lower Upper
 82 100
 128 46.2 36.1 54.1
 54 50.0 41.4 62.2



#25
 Isophorone
 Concen: 40.610 ng
 RT: 7.47 min Scan# 916
 Delta R.T. -0.27 min
 Lab File: BF098803.D
 Acq: 26 Sep 2017 00:52

Tgt Ion: 82 Resp: 844286
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#

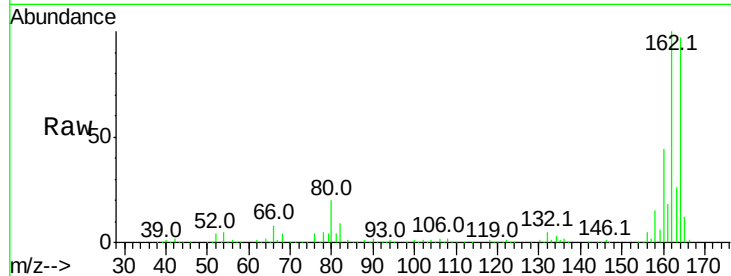




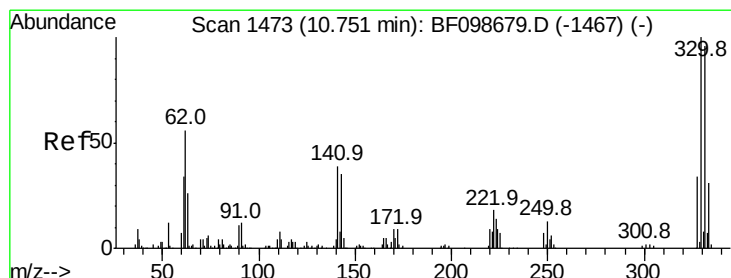
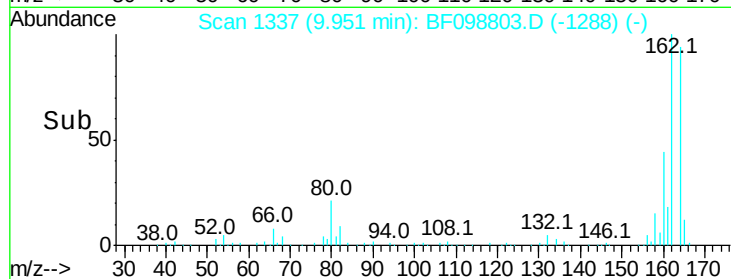
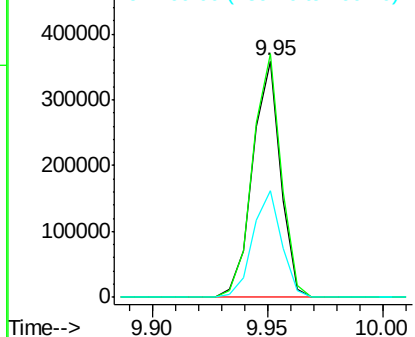
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF098803.D
 Acq: 26 Sep 2017 00:52

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:164 Resp: 304029
 Ion Ratio Lower Upper
 164 100
 162 102.9 86.1 129.1
 160 45.1 38.3 57.5

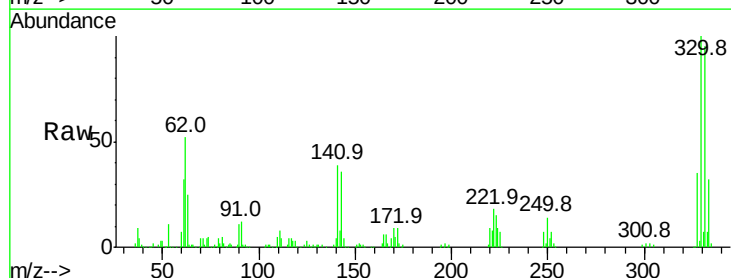


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

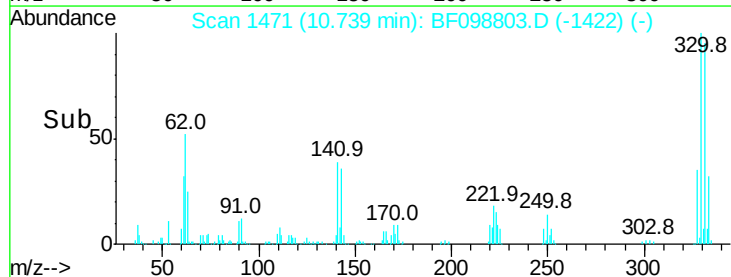
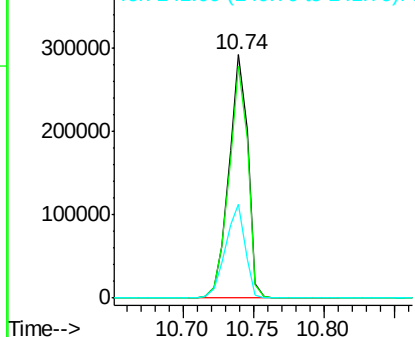


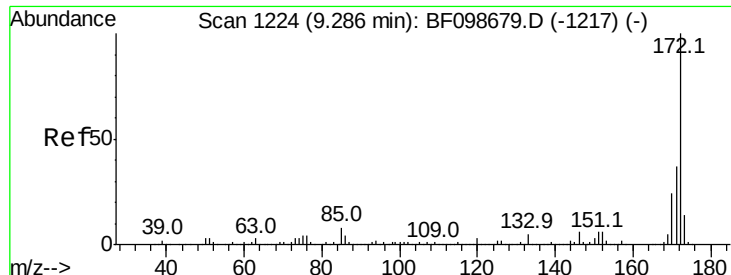
#41
 2,4,6-Tribromophenol
 Concen: 109.310 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.01 min
 Lab File: BF098803.D
 Acq: 26 Sep 2017 00:52

Tgt Ion:330 Resp: 271939
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.0 115.6
 141 40.0 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



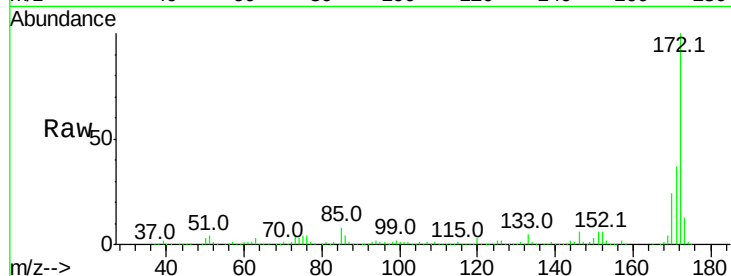


#44
 2-Fluorobiphenyl
 Concen: 83.901 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF098803.D
 Acq: 26 Sep 2017 00:52

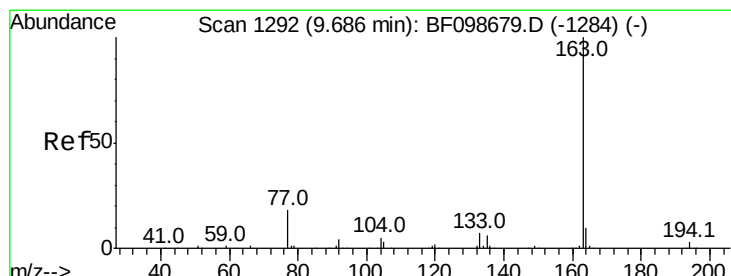
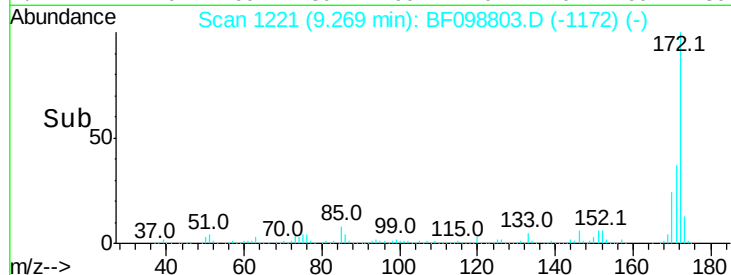
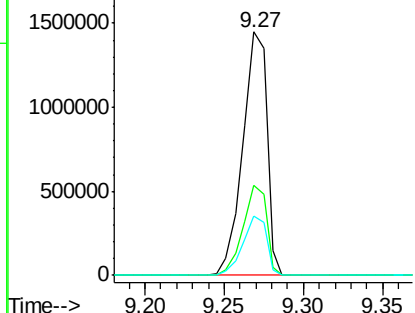
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1527978

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.2	19.6	29.4



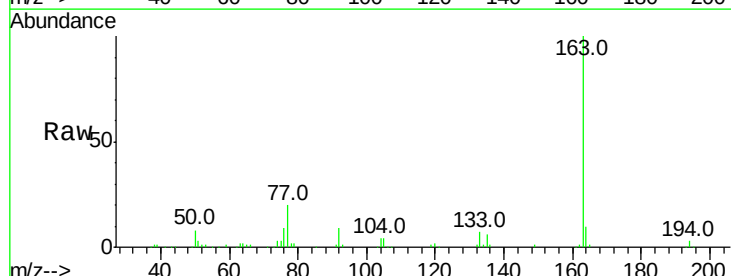
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



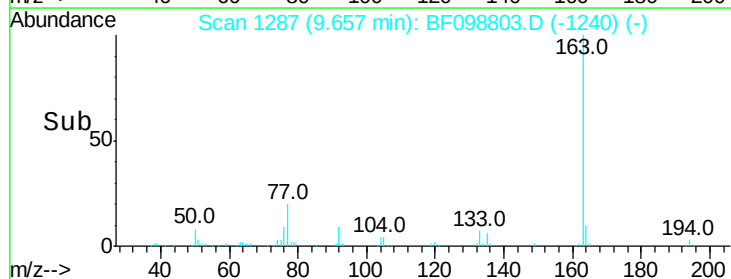
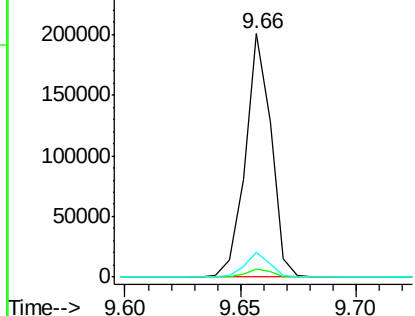
#49
 Dimethylphthalate
 Concen: 6.797 ng
 RT: 9.66 min Scan# 1287
 Delta R.T. -0.02 min
 Lab File: BF098803.D
 Acq: 26 Sep 2017 00:52

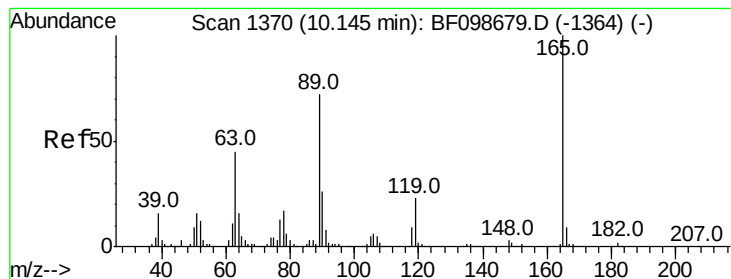
Tgt Ion:163 Resp: 155963

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	10.2	8.2	12.2



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E





#56

2,4-Dinitrotoluene

Concen: 5.997 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.19 min

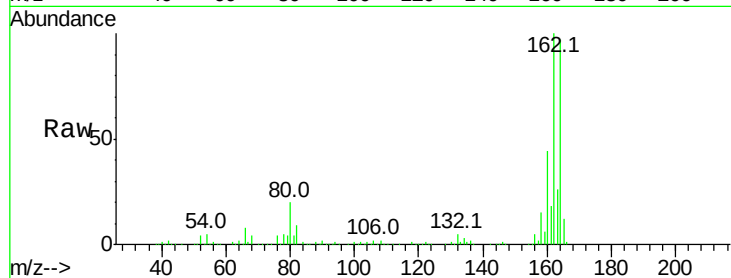
Lab File: BF098803.D

Acq: 26 Sep 2017 00:52

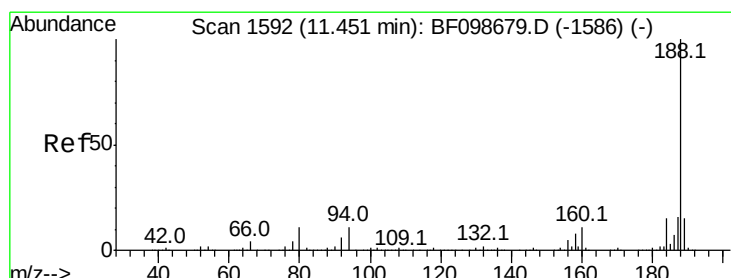
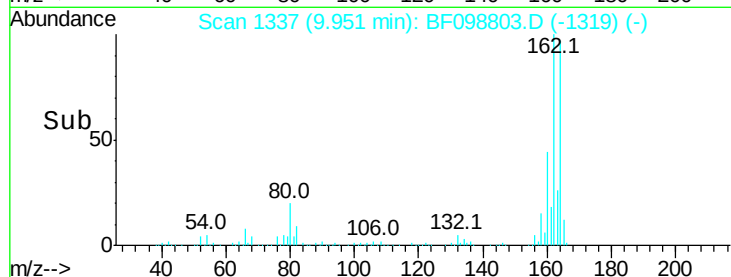
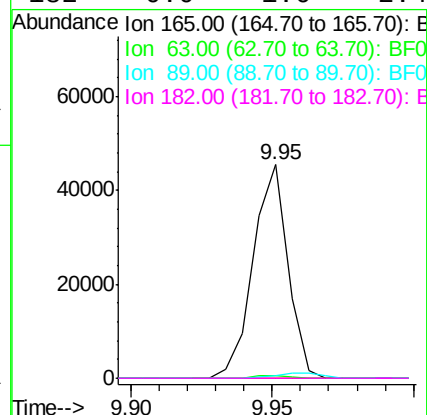
Instrument :

BNA_F

ClientSampleId :



Tot Ion:	165	Resp:	38878
Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#



#63

Phenanthrene-d10

Concen: 20.000 ng

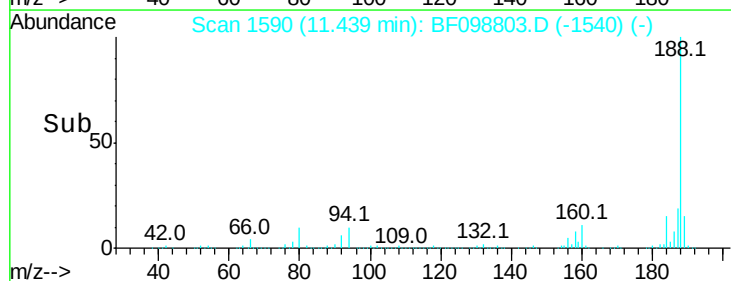
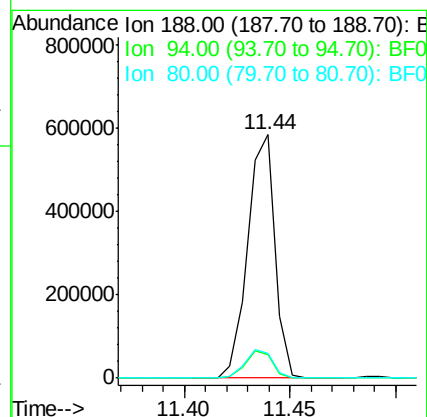
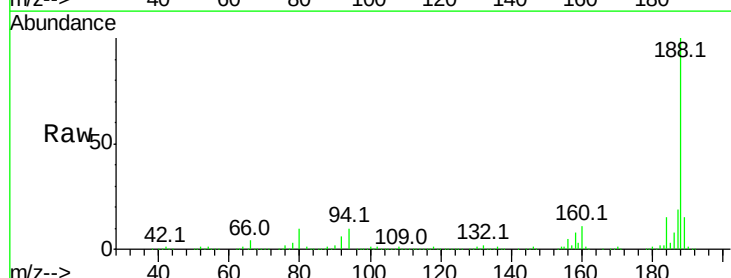
RT: 11.44 min Scan# 1590

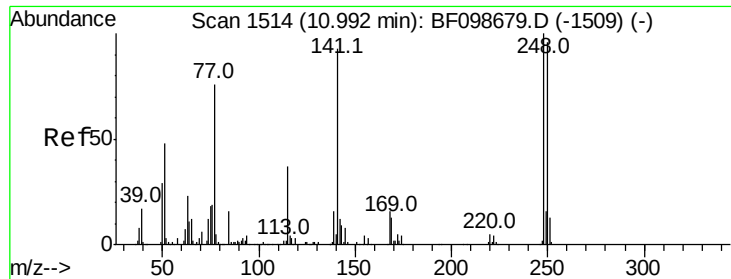
Delta R.T. -0.01 min

Lab File: BF098803.D

Acq: 26 Sep 2017 00:52

Tgt Ion:	188	Resp:	524484
Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	10.4	9.2	13.8

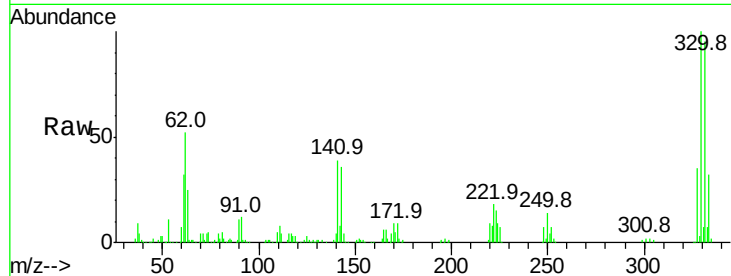




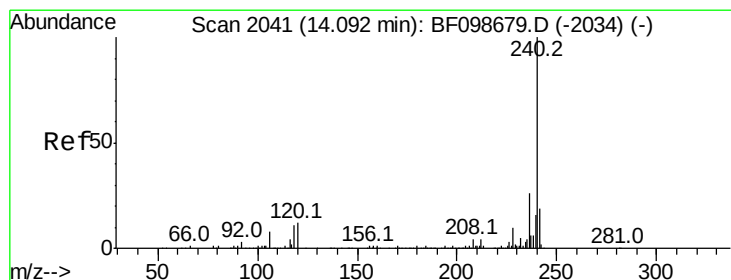
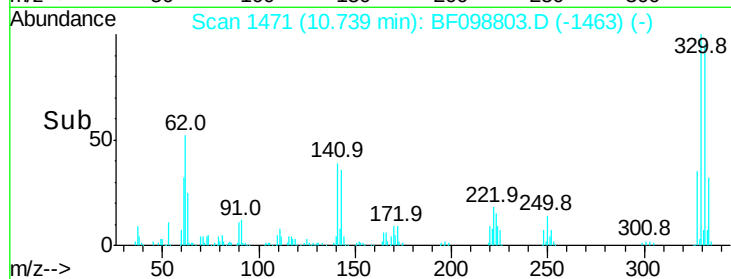
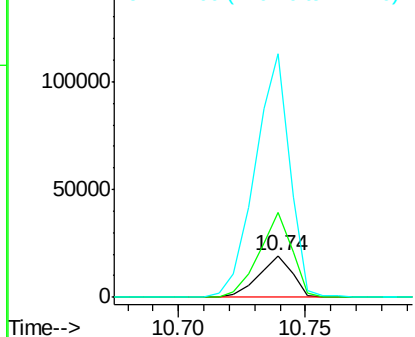
#66
 4-Bromophenyl-phenylether
 Concen: 3.501 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.25 min
 Lab File: BF098803.D
 Acq: 26 Sep 2017 00:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 17976
 Ion Ratio Lower Upper
 248 100
 250 205.5 76.9 115.3#
 141 586.2 74.4 111.6#

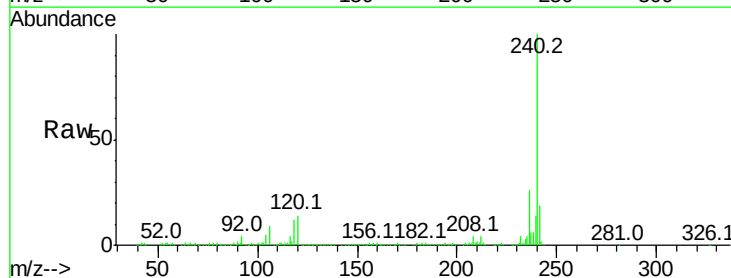


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

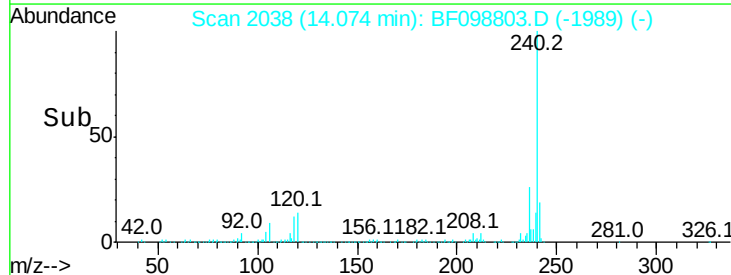
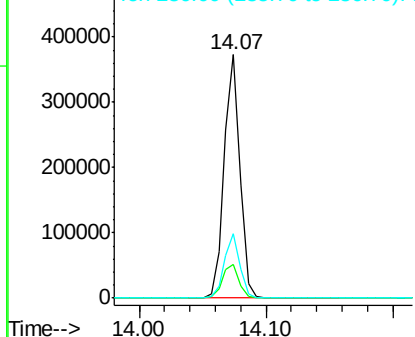


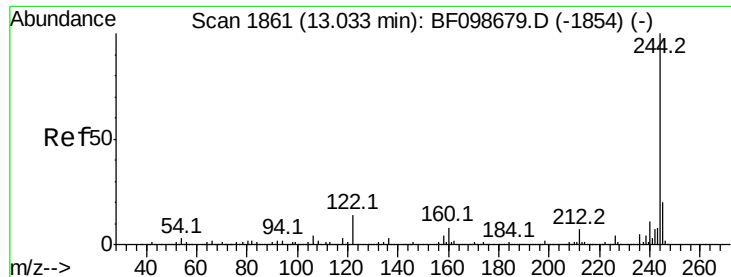
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. -0.01 min
 Lab File: BF098803.D
 Acq: 26 Sep 2017 00:52

Tgt Ion:240 Resp: 321849
 Ion Ratio Lower Upper
 240 100
 120 14.1 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: 91.343 ng

RT: 13.02 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BF098803.D

Acq: 26 Sep 2017 00:52

Instrument :

BNA_F

ClientSampleId :

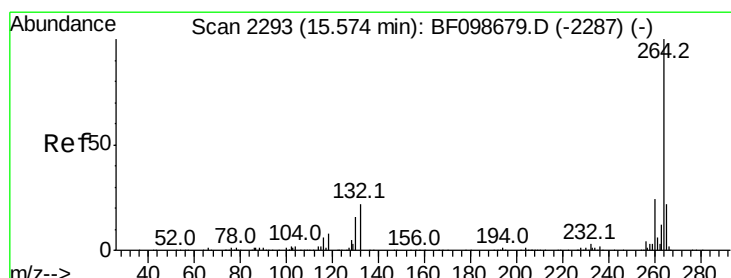
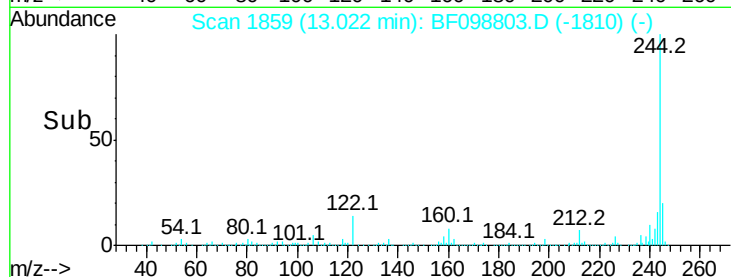
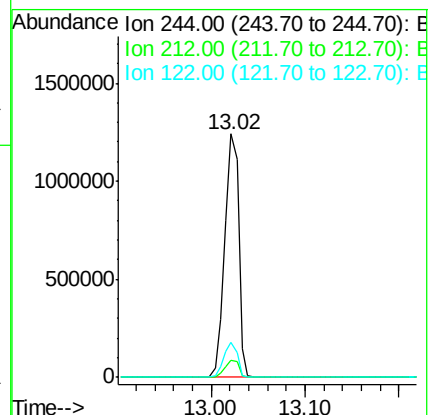
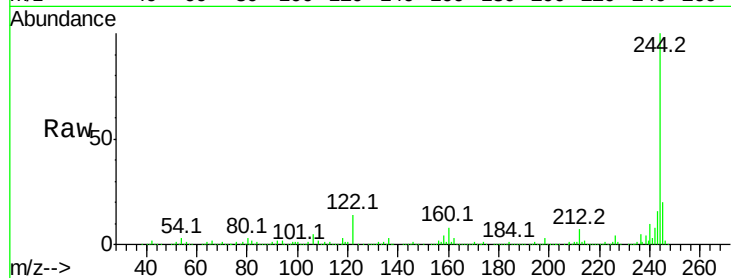
Tot Ion:244 Resp: 1292706

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

122 14.5 11.0 16.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.56 min Scan# 2291

Delta R.T. -0.01 min

Lab File: BF098803.D

Acq: 26 Sep 2017 00:52

Tgt Ion:264 Resp: 272695

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.6 17.5 26.3

