

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092917\
 Data File : BF098943.D
 Acq On : 29 Sep 2017 12:07
 Operator : SJ/JU
 Sample : I5485-01RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 29 16:06:01 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

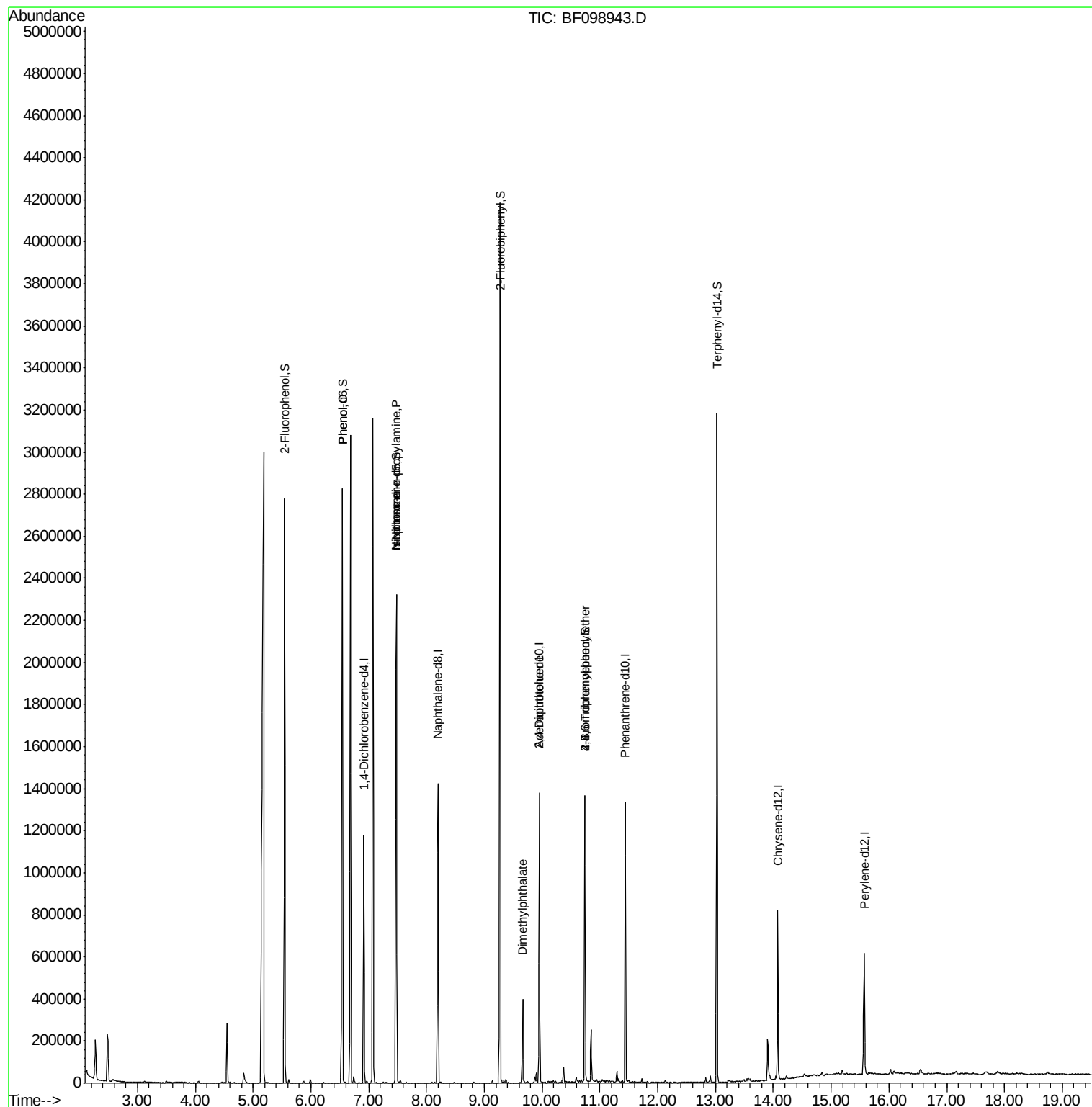
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	153212	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	638221	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	286383	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	457150	20.00	ng	0.00
75) Chrysene-d12	14.08	240	244068	20.00	ng	0.00
86) Perylene-d12	15.57	264	244349	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	788137	81.89	ng	0.00
7) Phenol-d6	6.55	99	1143181	96.29	ng	0.00
23) Nitrobenzene-d5	7.48	82	846274	85.04	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	137531	58.69	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1439531	83.91	ng	0.00
78) Terphenyl-d14	13.03	244	1010314	94.14	ng	0.00
Target Compounds						
10) Phenol	6.55	94	28708	2.162	ng	88
19) n-Nitroso-di-n-propylamine	7.48	70	112087	14.787	ng	# 76
25) Isophorone	7.48	82	842006	40.922	ng	# 64
49) Dimethylphthalate	9.66	163	174039	8.052	ng	99
56) 2,4-Dinitrotoluene	9.95	165	34784	5.696	ng	# 23
66) 4-Bromophenyl-phenylether	10.74	248	9969	2.228	ng	# 1

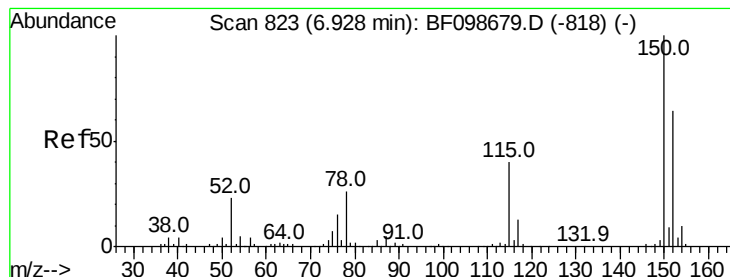
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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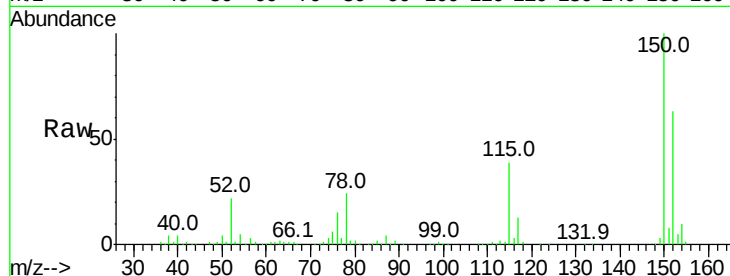


#1

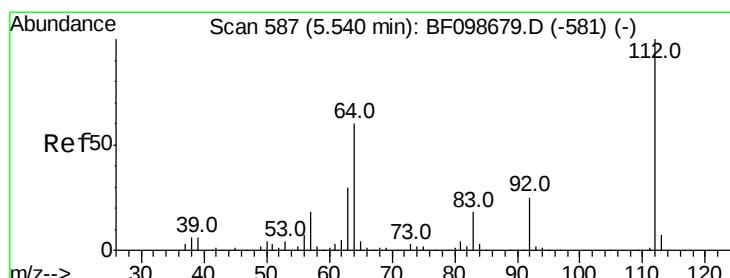
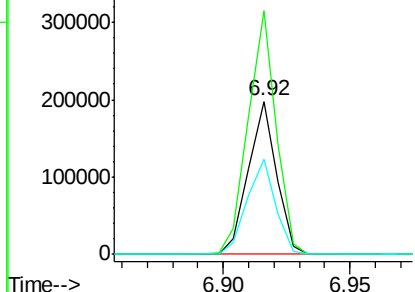
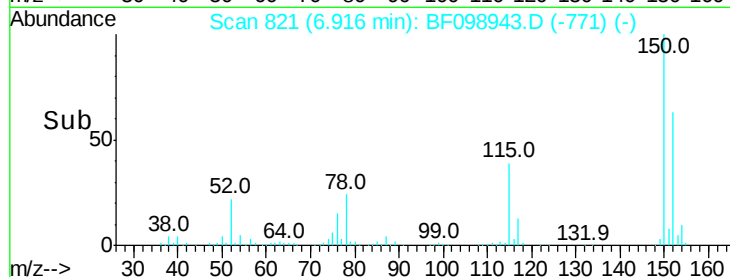
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098943.D
Acq: 29 Sep 2017 12:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 153212
Ion Ratio Lower Upper
152 100
150 158.8 124.6 186.8
115 62.2 50.1 75.1



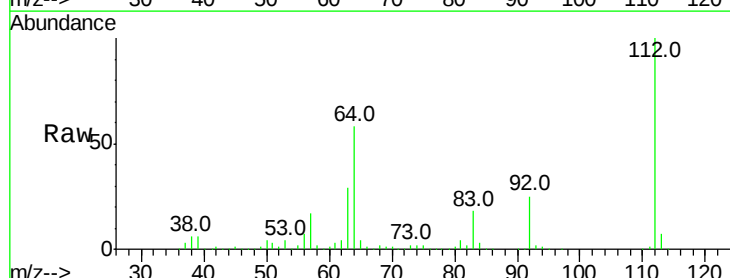
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



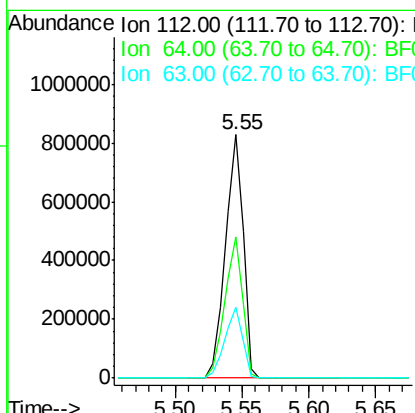
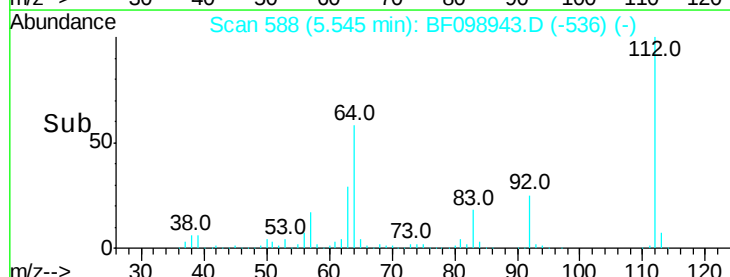
#5

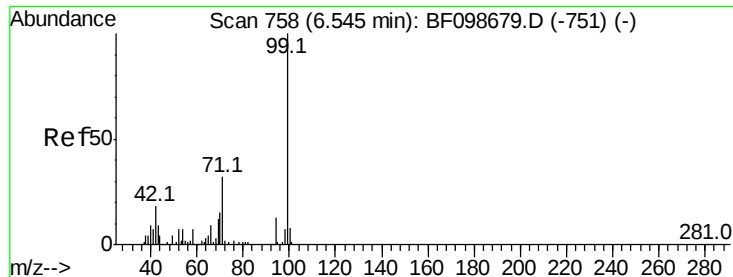
2-Fluorophenol
Concen: 81.889 ng
RT: 5.55 min Scan# 588
Delta R.T. 0.01 min
Lab File: BF098943.D
Acq: 29 Sep 2017 12:07

Tgt Ion:112 Resp: 788137
Ion Ratio Lower Upper
112 100
64 58.0 47.9 71.9
63 29.0 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: 96.285 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF098943.D

Acq: 29 Sep 2017 12:07

Instrument :

BNA_F

ClientSampleId :

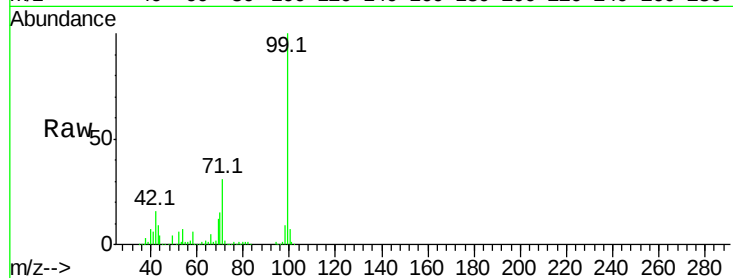
Tot Ion: 99 Resp: 1143181

Ion Ratio Lower Upper

99 100

42 16.5 14.5 21.7

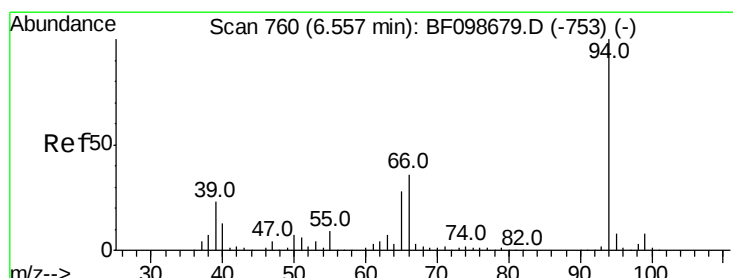
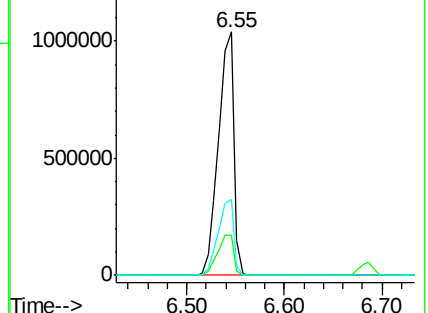
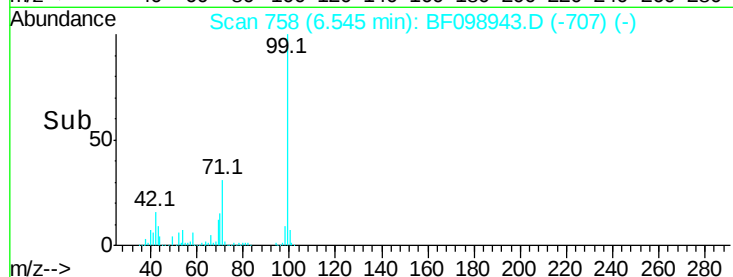
71 31.0 25.4 38.0



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



#10

Phenol

Concen: 2.162 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF098943.D

Acq: 29 Sep 2017 12:07

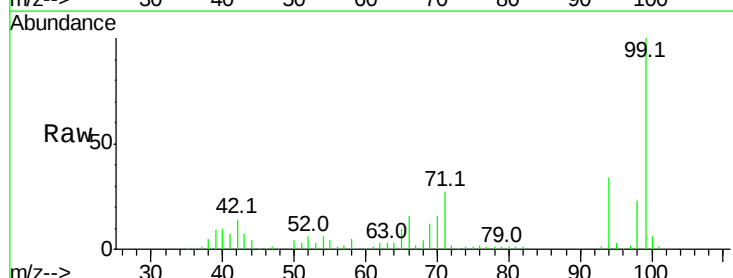
Tgt Ion: 94 Resp: 28708

Ion Ratio Lower Upper

94 100

65 29.7 7.9 47.9

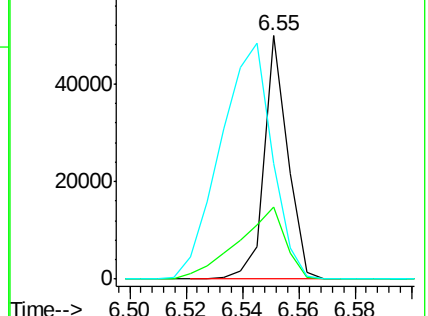
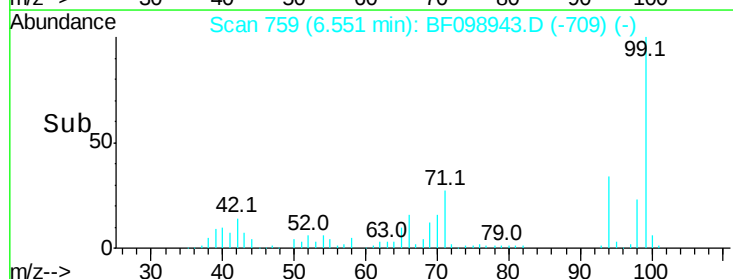
66 47.5 16.2 56.2

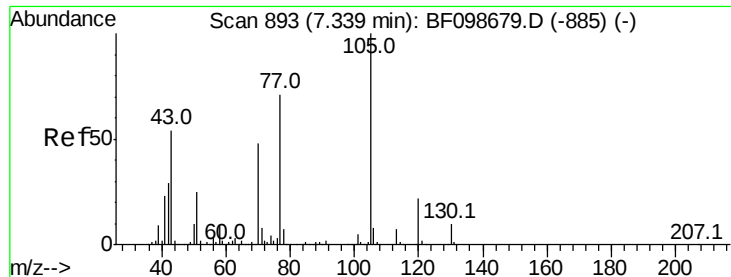


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

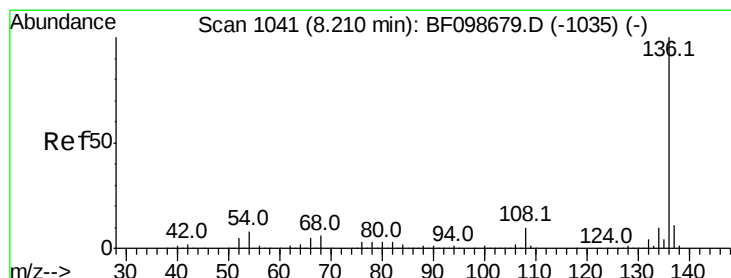
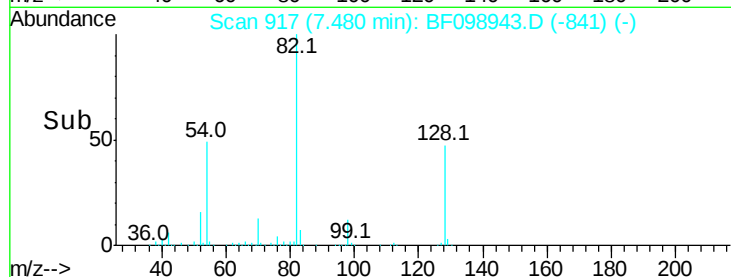
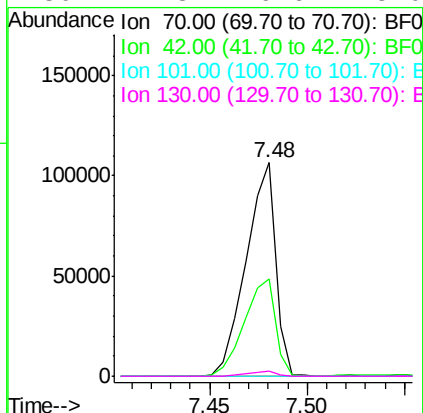
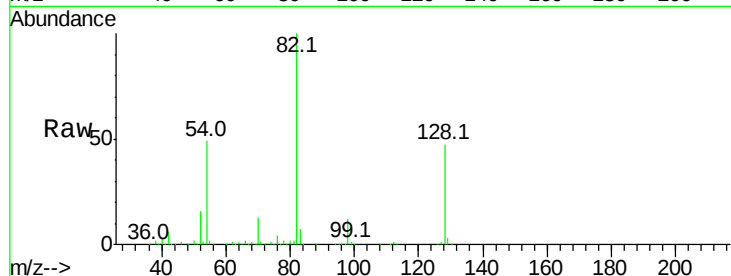




#19
n-Nitroso-di-n-propylamine
Concen: 14.787 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.15 min
Lab File: BF098943.D
Acq: 29 Sep 2017 12:07

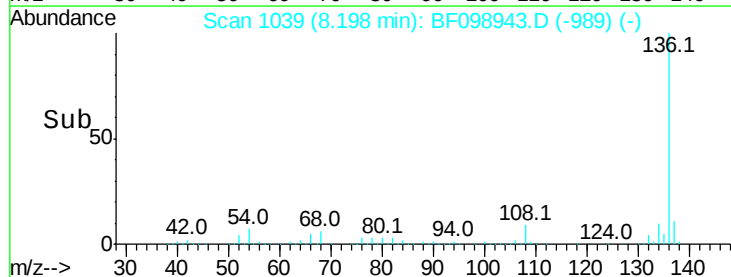
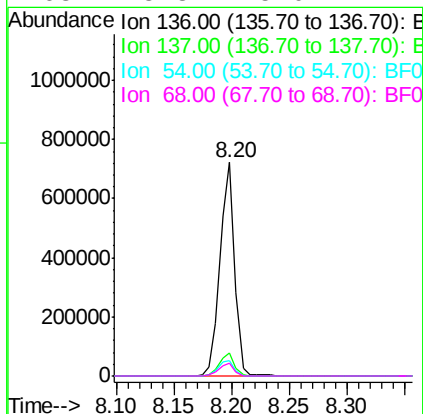
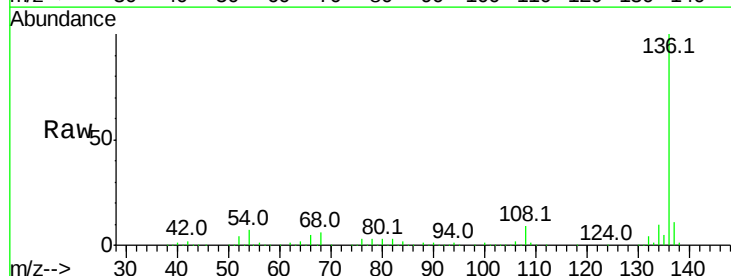
Instrument :
BNA_F
ClientSampleId :

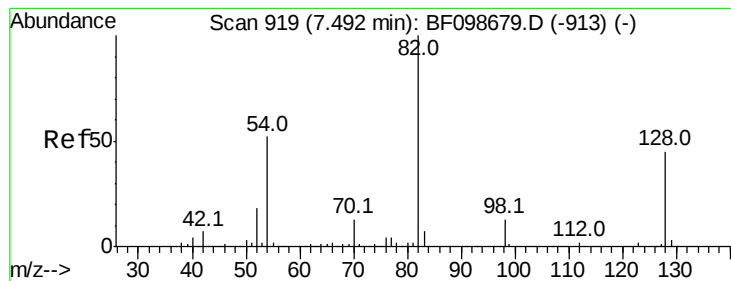
Tot Ion: 70 Resp: 112087
Ion Ratio Lower Upper
70 100
42 45.6 47.5 71.3#
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098943.D
Acq: 29 Sep 2017 12:07

Tgt Ion: 136 Resp: 638221
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.5 6.6 9.8
68 5.8 5.0 7.4





#23

Nitrobenzene-d5

Concen: 85.036 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF098943.D

Acq: 29 Sep 2017 12:07

Instrument :

BNA_F

ClientSampled :

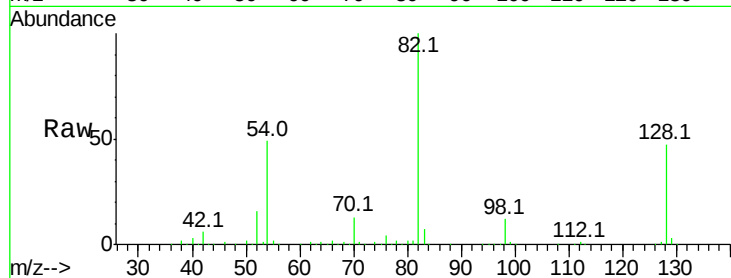
Tot Ion: 82 Resp: 846274

Ion Ratio Lower Upper

82 100

128 47.3 36.1 54.1

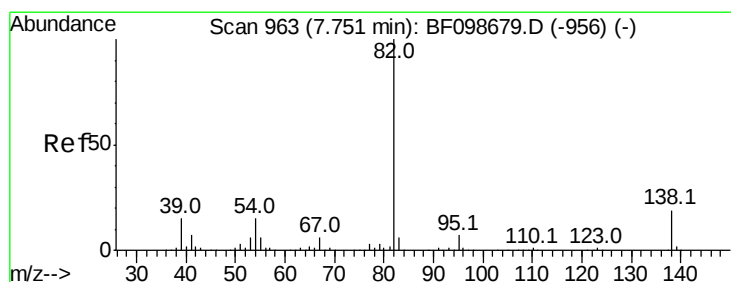
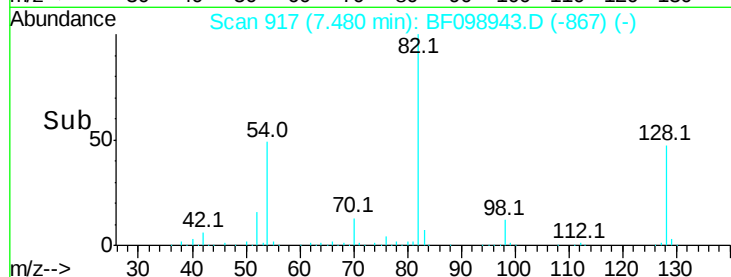
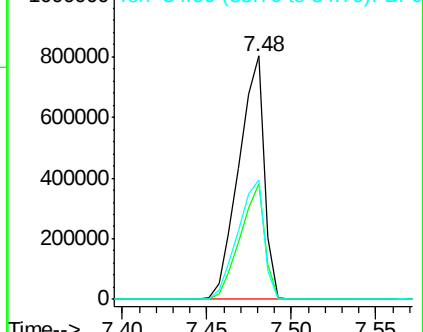
54 49.0 41.4 62.2



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: 40.922 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.26 min

Lab File: BF098943.D

Acq: 29 Sep 2017 12:07

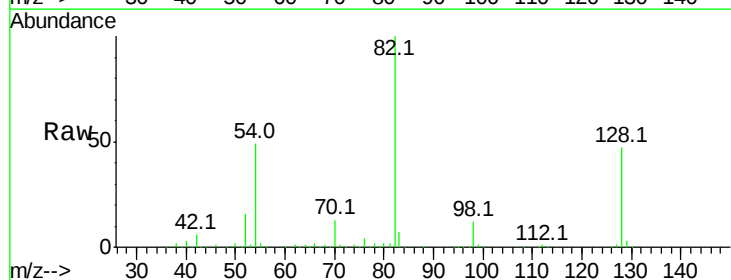
Tgt Ion: 82 Resp: 842006

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

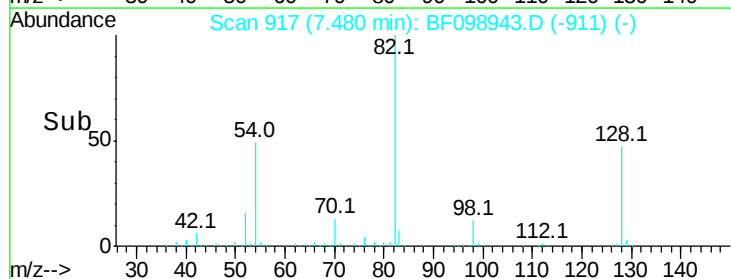
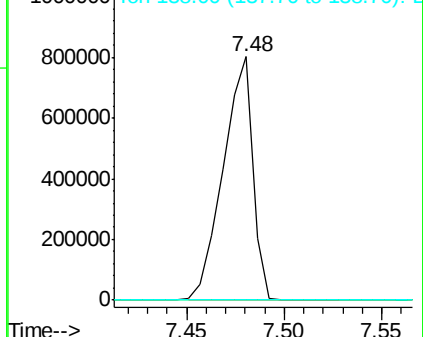
138 0.0 14.9 22.3#

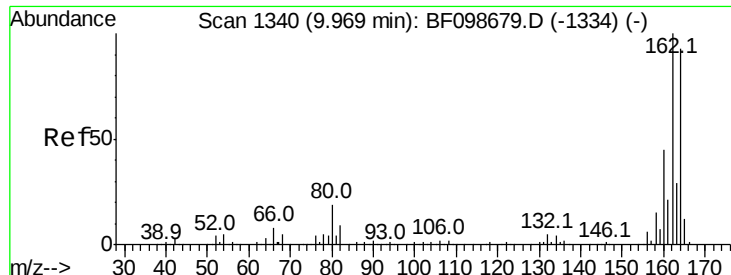


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF098943.D

Acq: 29 Sep 2017 12:07

Instrument :

BNA_F

ClientSampleId :

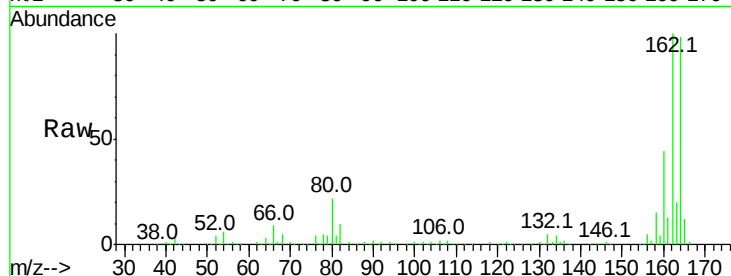
Tot Ion:164 Resp: 286383

Ion Ratio Lower Upper

164 100

162 102.2 86.1 129.1

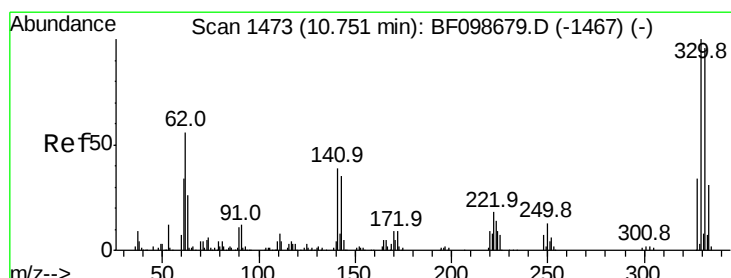
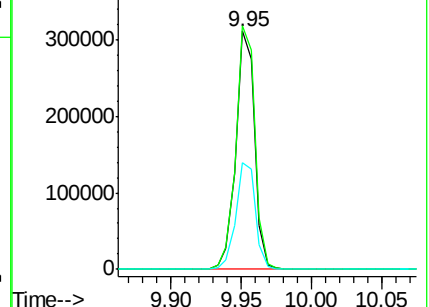
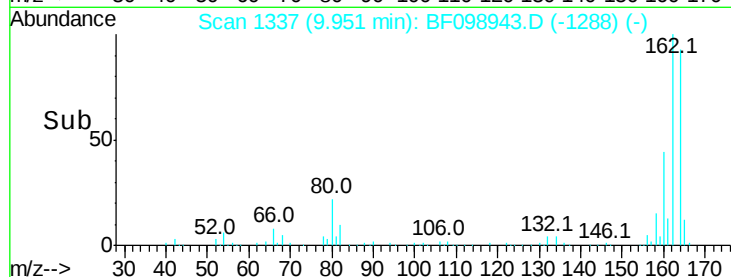
160 44.8 38.3 57.5



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: 58.689 ng

RT: 10.74 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BF098943.D

Acq: 29 Sep 2017 12:07

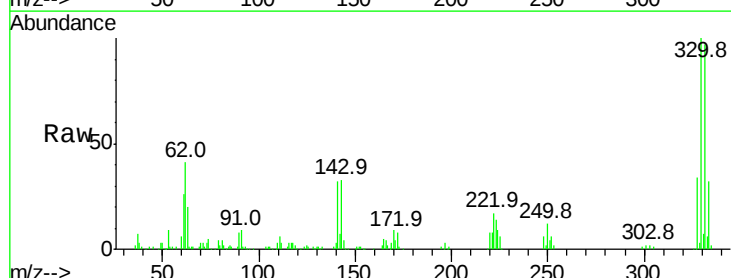
Tgt Ion:330 Resp: 137531

Ion Ratio Lower Upper

330 100

332 96.4 77.0 115.6

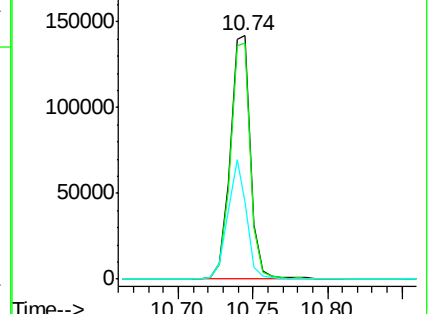
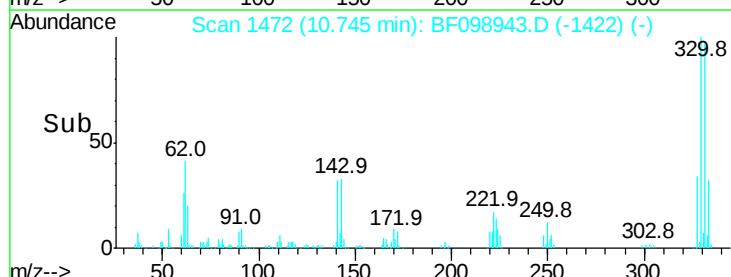
141 45.1 29.9 44.9#

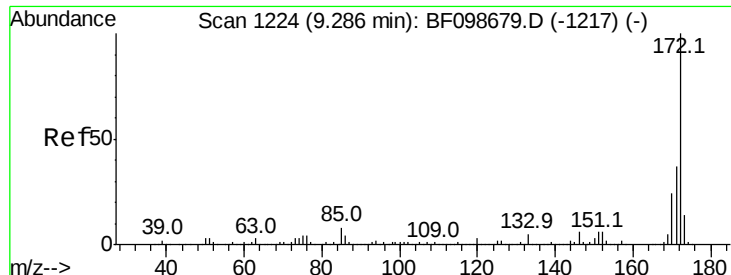


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



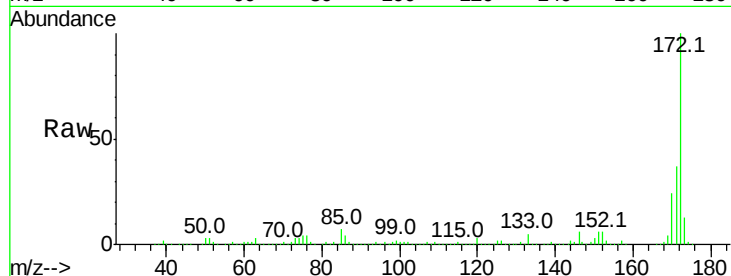


#44
 2-Fluorobiphenyl
 Concen: 83.915 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098943.D
 Acq: 29 Sep 2017 12:07

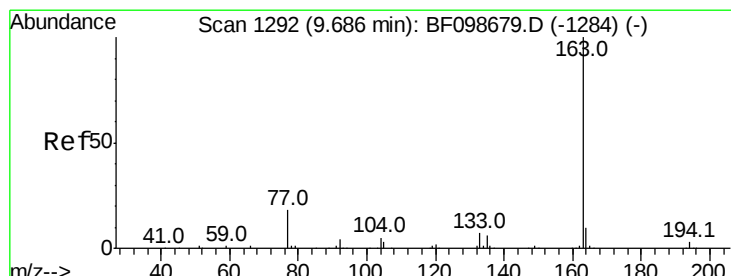
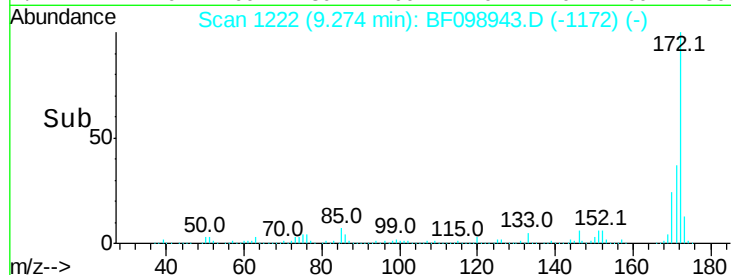
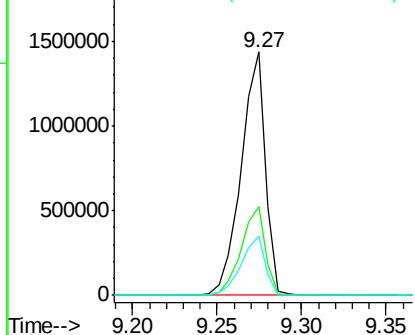
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1439531

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



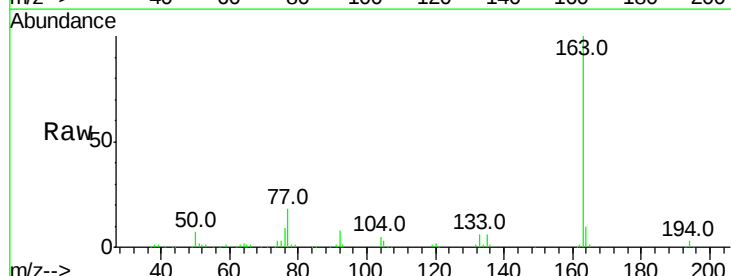
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



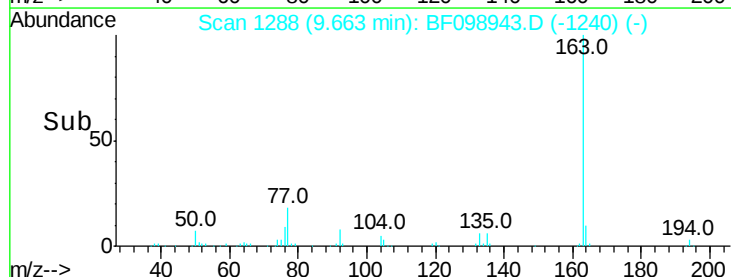
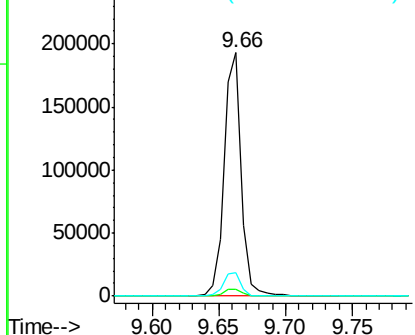
#49
 Dimethylphthalate
 Concen: 8.052 ng
 RT: 9.66 min Scan# 1288
 Delta R.T. -0.02 min
 Lab File: BF098943.D
 Acq: 29 Sep 2017 12:07

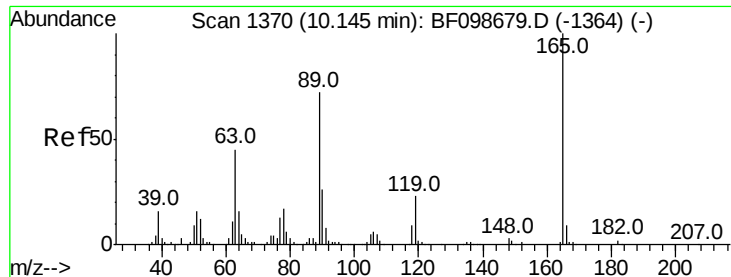
Tgt Ion:163 Resp: 174039

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.7	4.1
164	9.7	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

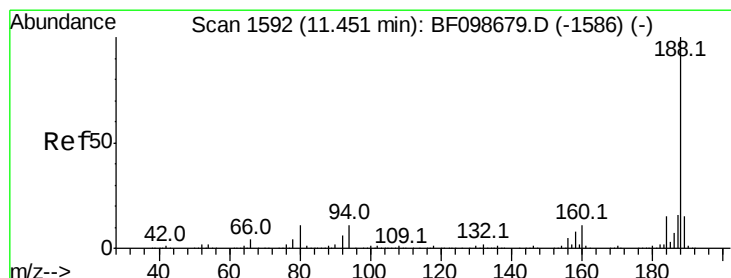
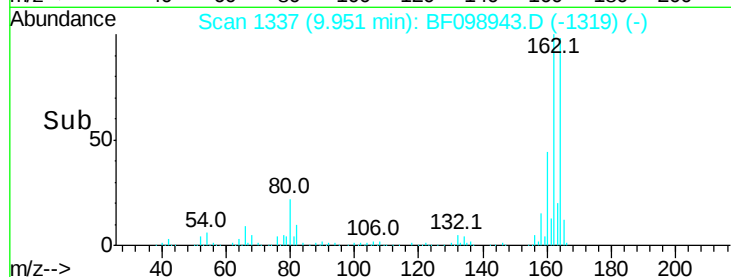
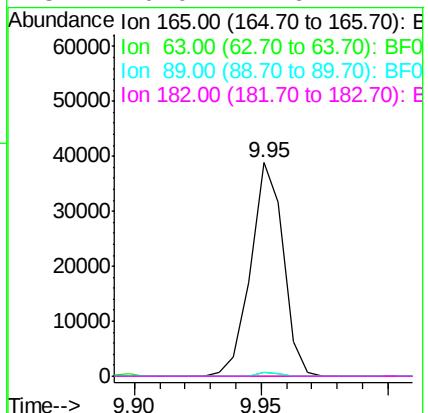
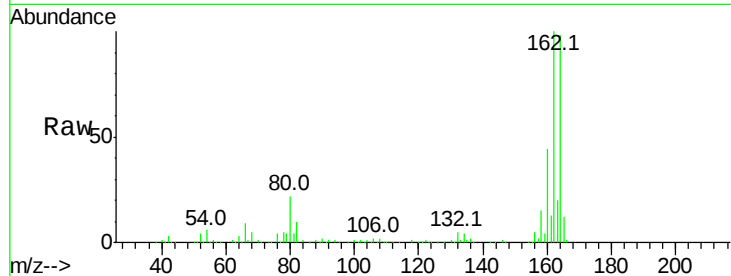




#56
 2,4-Dinitrotoluene
 Concen: 5.696 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.19 min
 Lab File: BF098943.D
 Acq: 29 Sep 2017 12:07

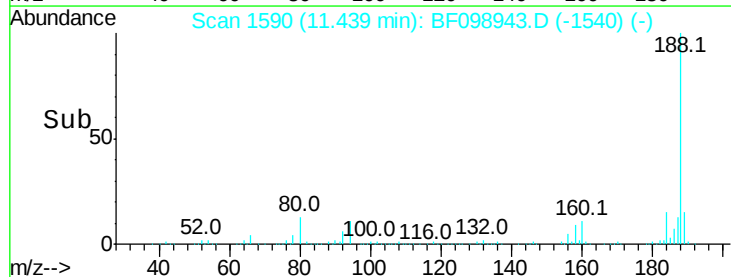
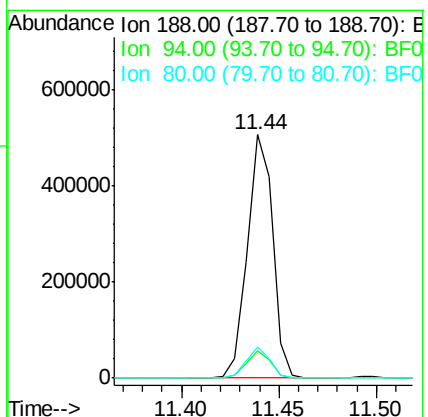
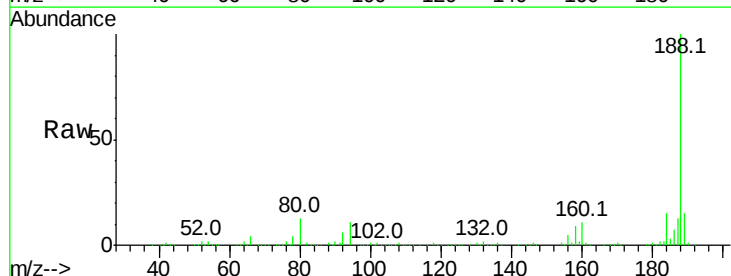
Instrument :
 BNA_F
 ClientSampleId :

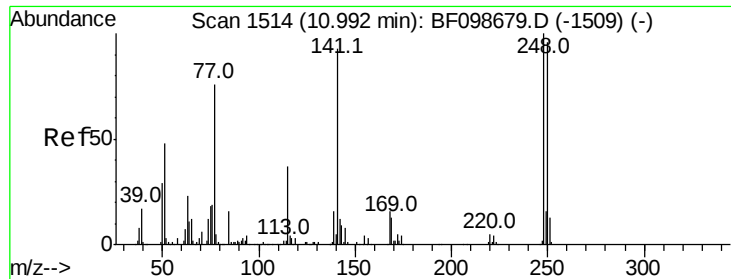
Tot Ion:165 Resp: 34784
 Ion Ratio Lower Upper
 165 100
 63 1.5 36.4 54.6#
 89 1.6 57.8 86.6#
 182 0.0 1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BF098943.D
 Acq: 29 Sep 2017 12:07

Tgt Ion:188 Resp: 457150
 Ion Ratio Lower Upper
 188 100
 94 11.3 8.5 12.7
 80 12.5 9.2 13.8

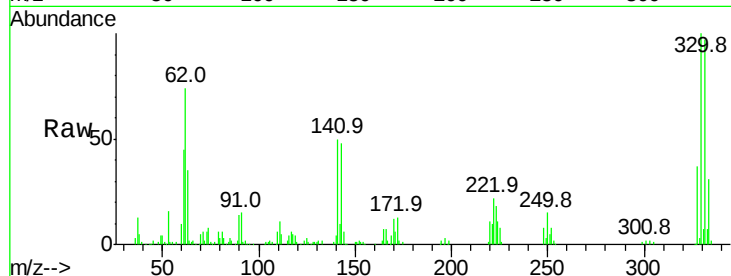




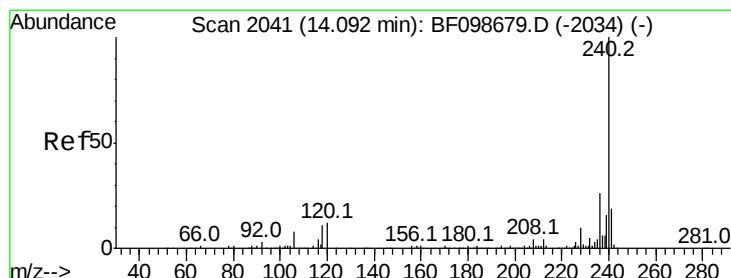
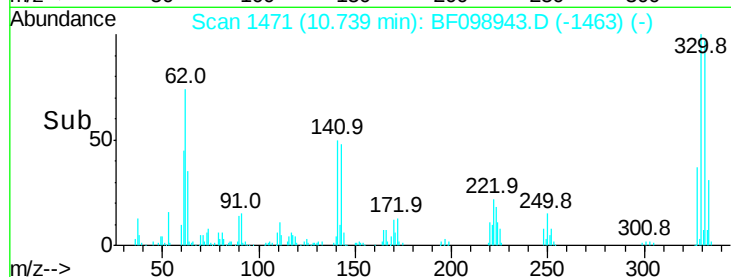
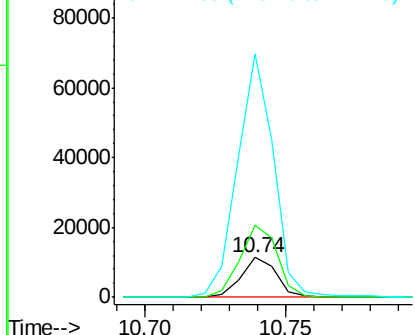
#66
 4-Bromophenyl-phenylether
 Concen: 2.228 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.25 min
 Lab File: BF098943.D
 Acq: 29 Sep 2017 12:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 9969
 Ion Ratio Lower Upper
 248 100
 250 182.9 76.9 115.3#
 141 614.1 74.4 111.6#

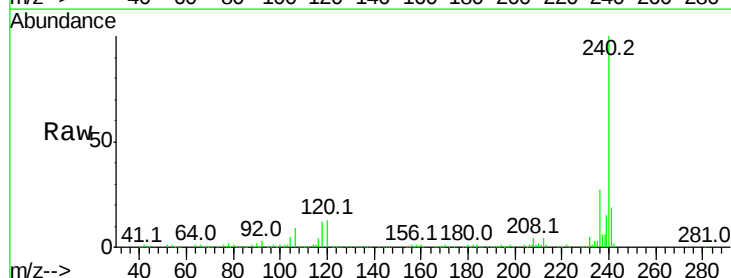


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

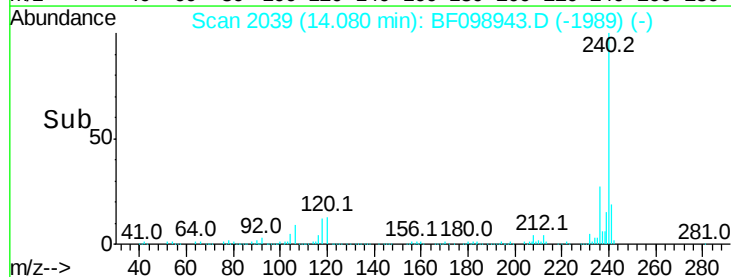
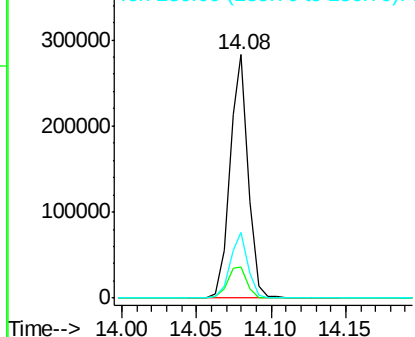


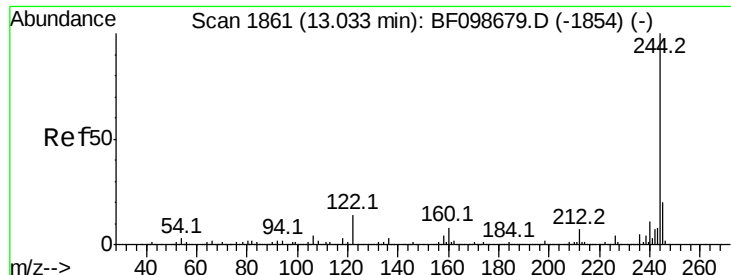
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. -0.01 min
 Lab File: BF098943.D
 Acq: 29 Sep 2017 12:07

Tgt Ion:240 Resp: 244068
 Ion Ratio Lower Upper
 240 100
 120 13.0 9.5 14.3
 236 26.8 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: 94.140 ng

RT: 13.03 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BF098943.D

Acq: 29 Sep 2017 12:07

Instrument :

BNA_F

ClientSampled :

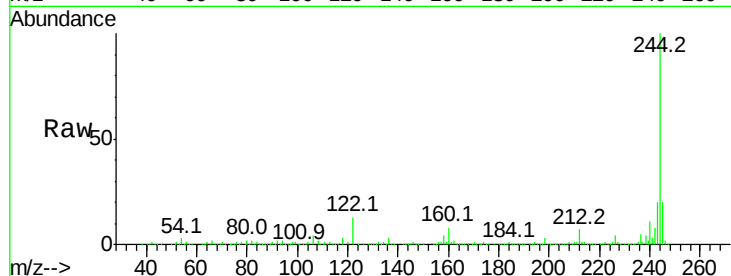
Tot Ion:244 Resp: 1010314

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

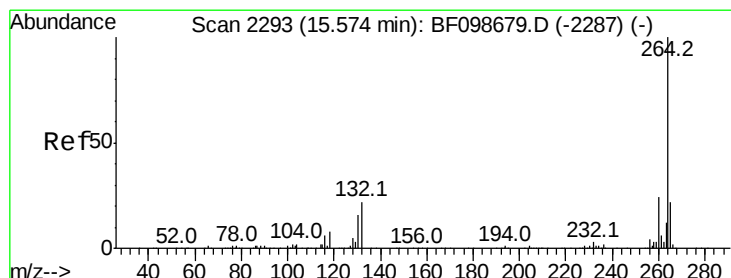
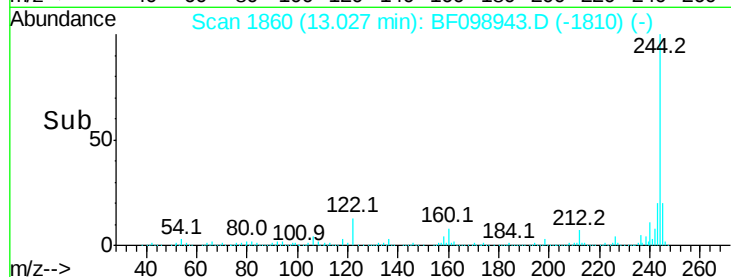
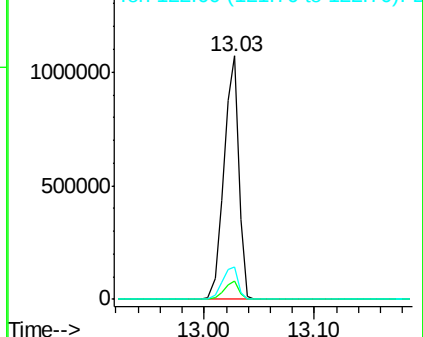
122 13.1 11.0 16.4



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# 2293

Delta R.T. -0.00 min

Lab File: BF098943.D

Acq: 29 Sep 2017 12:07

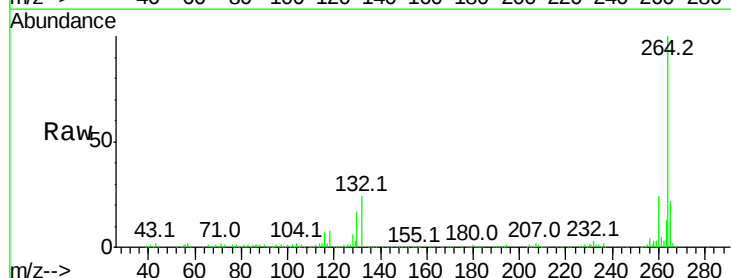
Tgt Ion:264 Resp: 244349

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.5 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

