

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092917\
 Data File : BF098945.D
 Acq On : 29 Sep 2017 13:56
 Operator : SJ/JU
 Sample : I5450-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 29 16:06:38 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

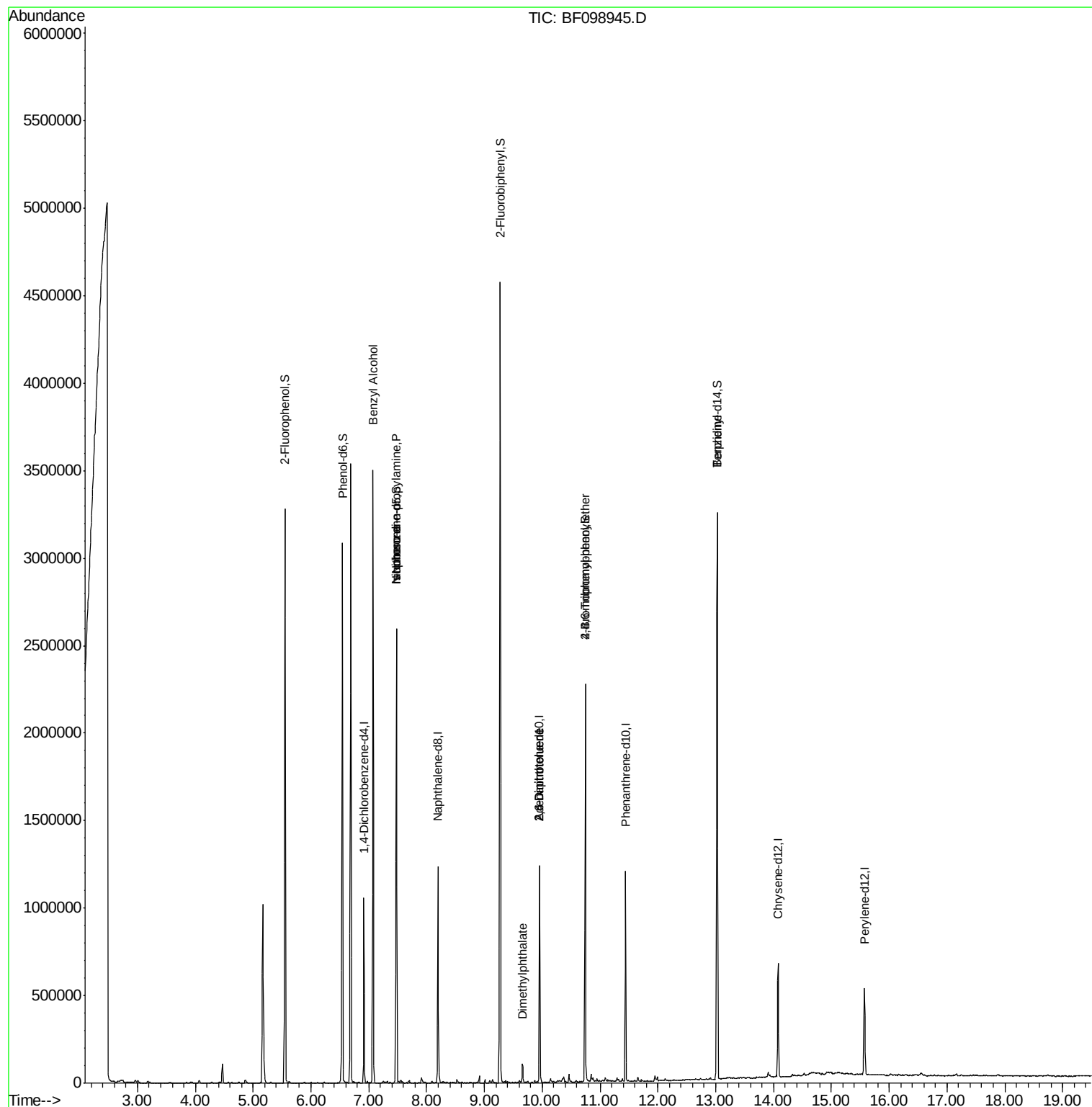
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	134015	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	552570	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	240676	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	382356	20.00	ng	0.00
75) Chrysene-d12	14.08	240	201534	20.00	ng	0.00
86) Perylene-d12	15.57	264	216557	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1077286	127.97	ng	0.01
7) Phenol-d6	6.55	99	1166587	112.33	ng	0.00
23) Nitrobenzene-d5	7.48	82	948888	110.13	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	273768	139.01	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1570054	108.90	ng	0.00
78) Terphenyl-d14	13.03	244	1074765	121.28	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.07	79	15834	2.078	ng	# 35
19) n-Nitroso-di-n-propylamine	7.48	70	125704	18.958	ng	# 76
25) Isophorone	7.48	82	944673	53.029	ng	# 64
49) Dimethylphthalate	9.66	163	41403	2.279	ng	# 98
50) 2,6-Dinitrotoluene	9.95	165	30917	7.818	ng	# 25
56) 2,4-Dinitrotoluene	9.95	165	30917	6.024	ng	# 23
66) 4-Bromophenyl-phenylether	10.75	248	18978	5.071	ng	# 1
76) Benzidine	13.03	184	15540	2.085	ng	# 94

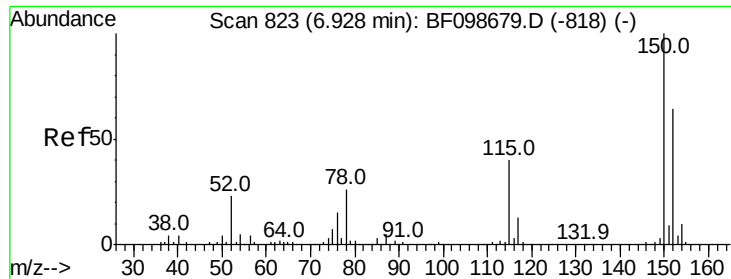
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092917\
Data File : BF098945.D
Acq On : 29 Sep 2017 13:56
Operator : SJ/JU
Sample : I5450-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 29 16:06:38 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



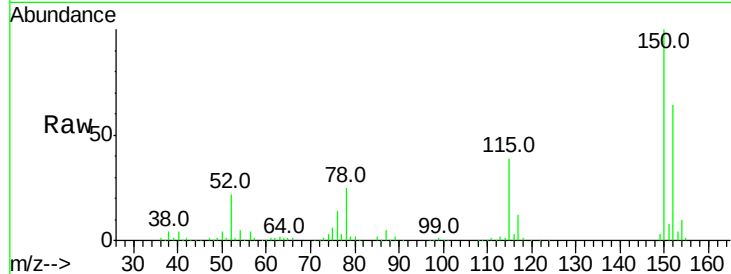


#1

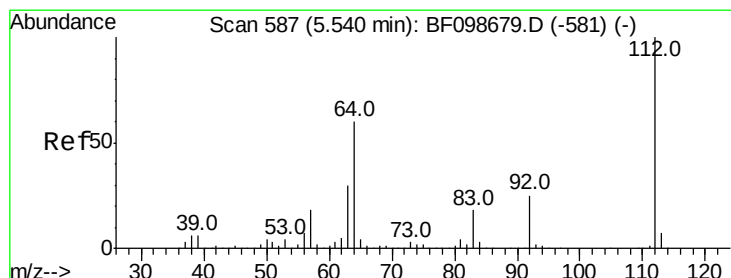
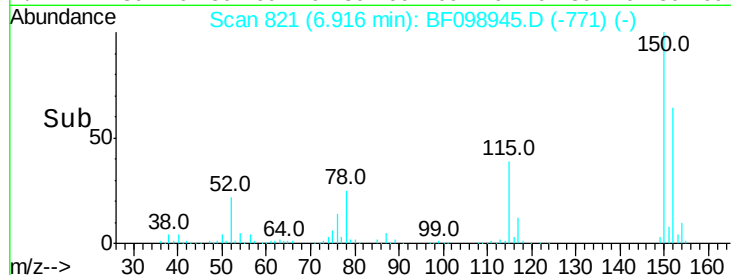
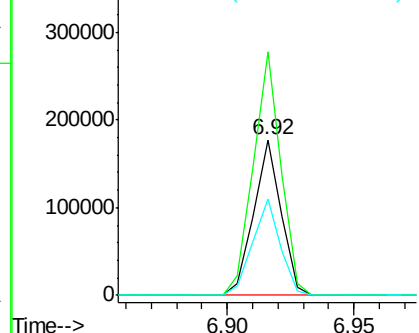
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098945.D
Acq: 29 Sep 2017 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 134015
Ion Ratio Lower Upper
152 100
150 156.2 124.6 186.8
115 61.6 50.1 75.1



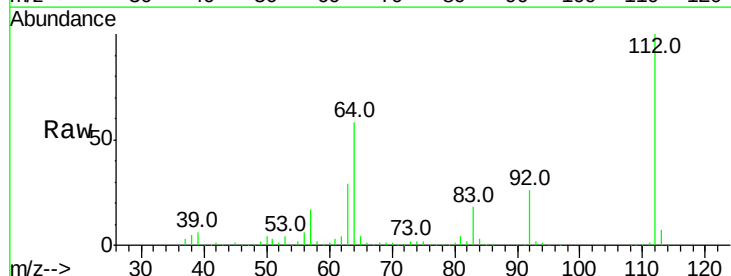
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



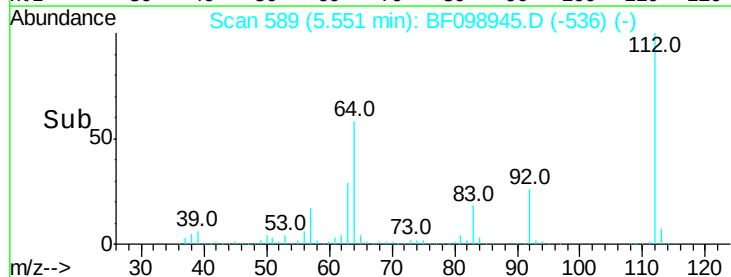
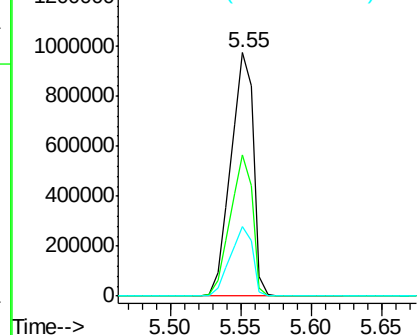
#5

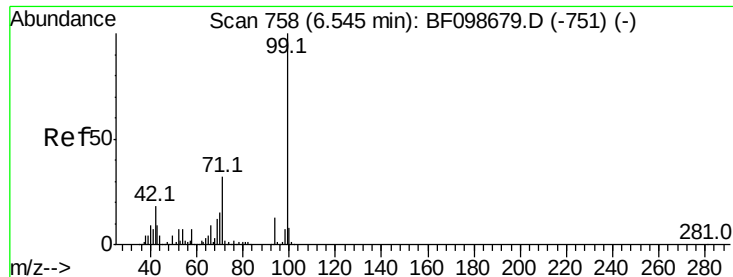
2-Fluorophenol
Concen: 127.966 ng
RT: 5.55 min Scan# 589
Delta R.T. 0.01 min
Lab File: BF098945.D
Acq: 29 Sep 2017 13:56

Tgt Ion:112 Resp: 1077286
Ion Ratio Lower Upper
112 100
64 57.9 47.9 71.9
63 28.8 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: 112.331 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF098945.D

Acq: 29 Sep 2017 13:56

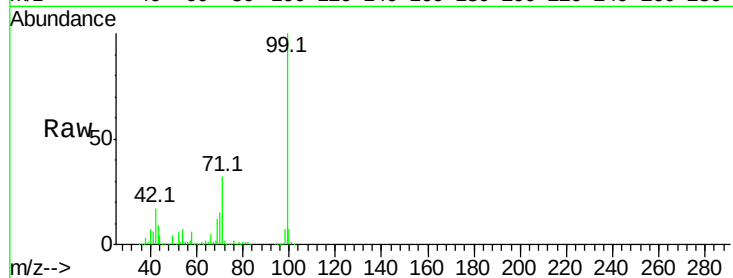
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1166587

Ion	Ratio	Lower	Upper
99	100		
42	17.2	14.5	21.7
71	32.0	25.4	38.0

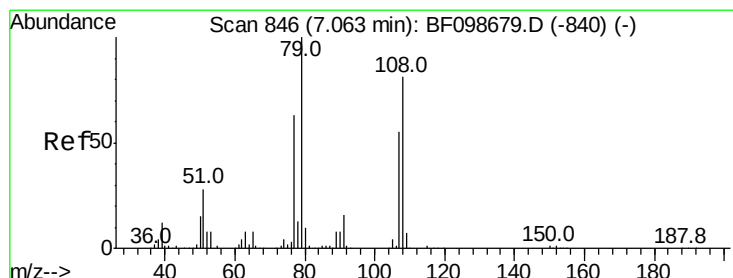
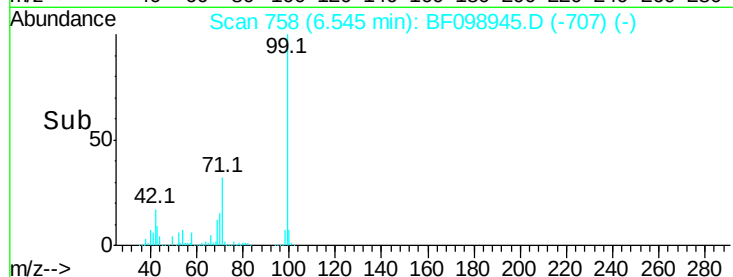
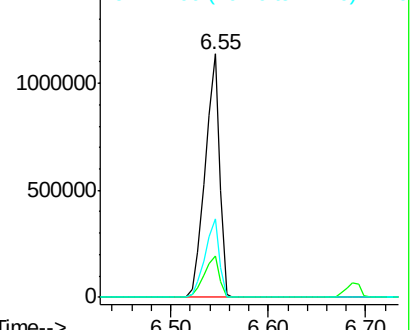


Abundance

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



#15

Benzyl Alcohol

Concen: 2.078 ng

RT: 7.07 min Scan# 848

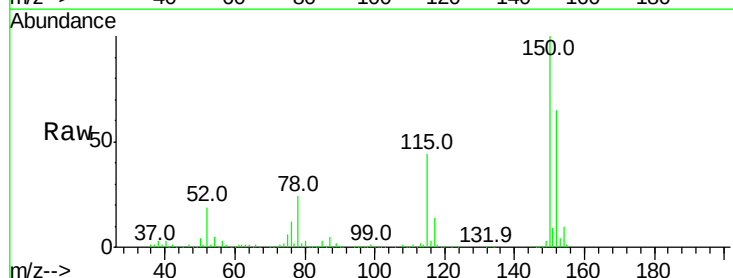
Delta R.T. 0.01 min

Lab File: BF098945.D

Acq: 29 Sep 2017 13:56

Tgt Ion: 79 Resp: 15834

Ion	Ratio	Lower	Upper
79	100		
108	35.5	65.1	97.7#
77	127.4	50.6	75.8#

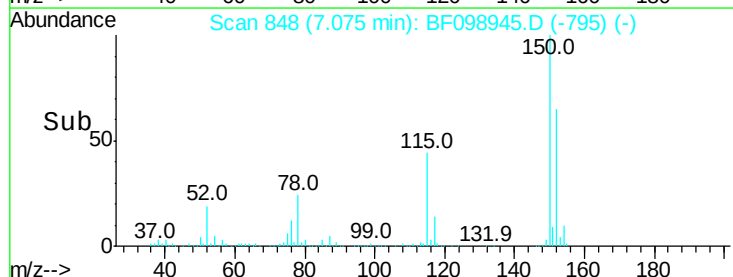
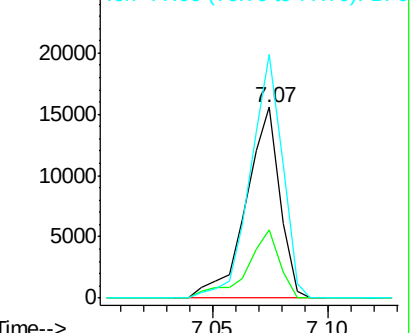


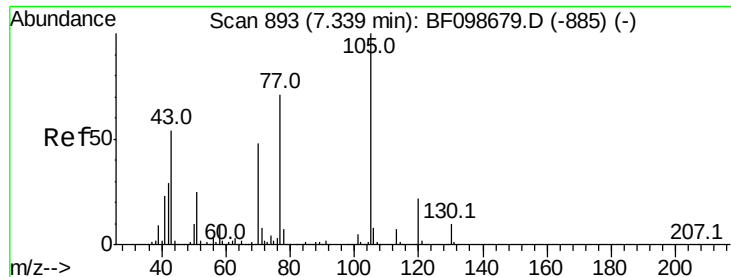
Abundance

Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

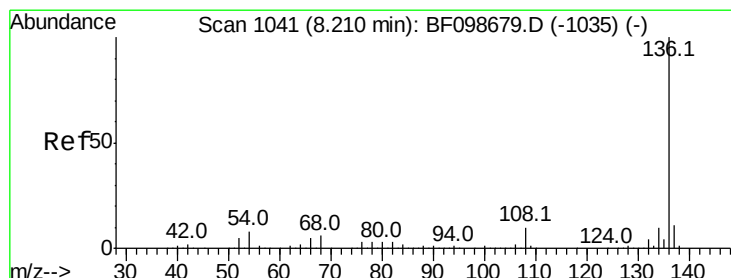
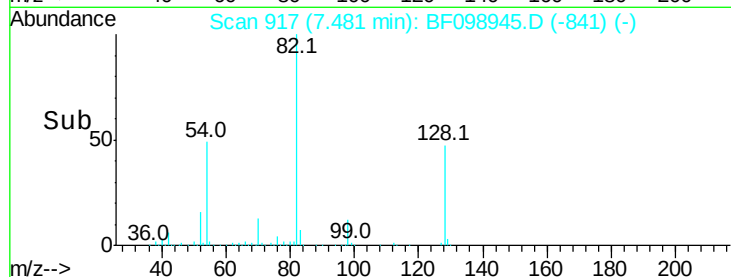
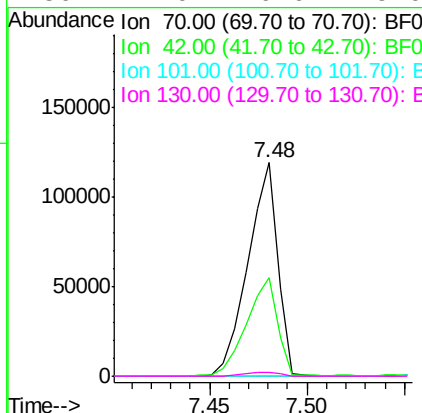
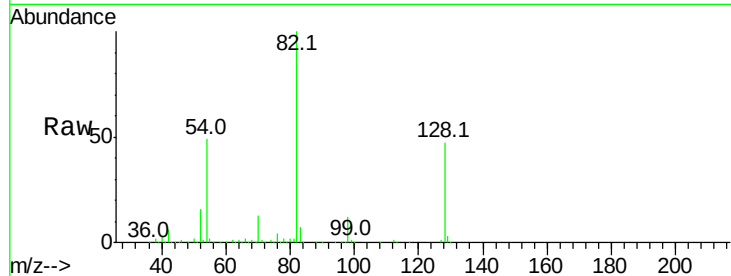




#19
 n-Nitroso-di-n-propylamine
 Concen: 18.958 ng
 RT: 7.48 min Scan# 917
 Delta R.T. 0.15 min
 Lab File: BF098945.D
 Acq: 29 Sep 2017 13:56

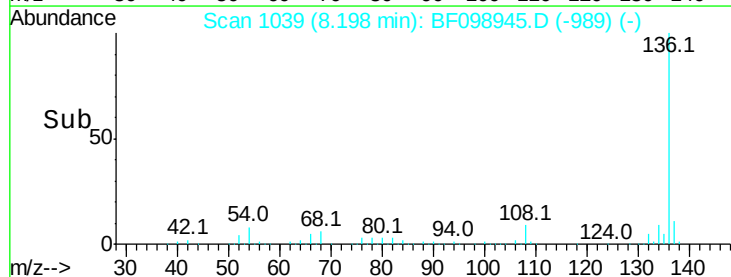
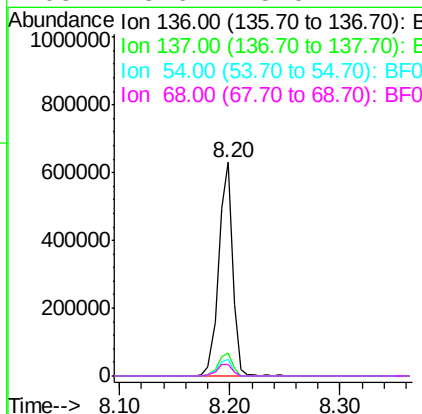
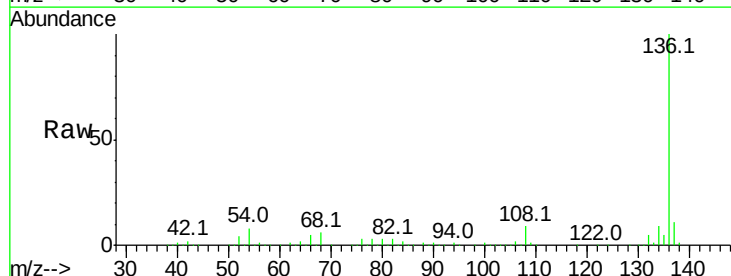
Instrument :
 BNA_F
 ClientSampleId :

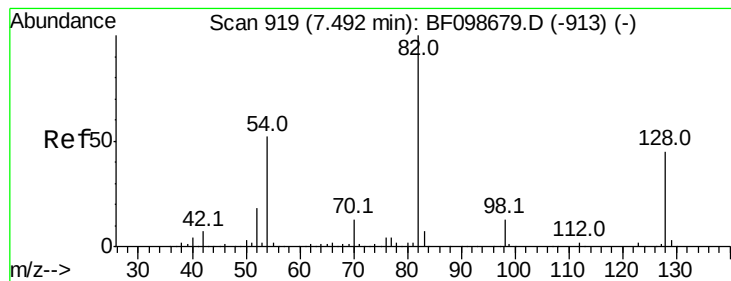
Tot Ion: 70 Resp: 125704
 Ion Ratio Lower Upper
 70 100
 42 46.1 47.5 71.3#
 101 0.0 7.4 11.2#
 130 2.0 16.6 25.0#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.20 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF098945.D
 Acq: 29 Sep 2017 13:56

Tgt Ion: 136 Resp: 552570
 Ion Ratio Lower Upper
 136 100
 137 11.0 8.9 13.3
 54 7.5 6.6 9.8
 68 5.6 5.0 7.4





#23

Nitrobenzene-d5

Concen: 110.126 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF098945.D

Acq: 29 Sep 2017 13:56

Instrument :

BNA_F

ClientSampleId :

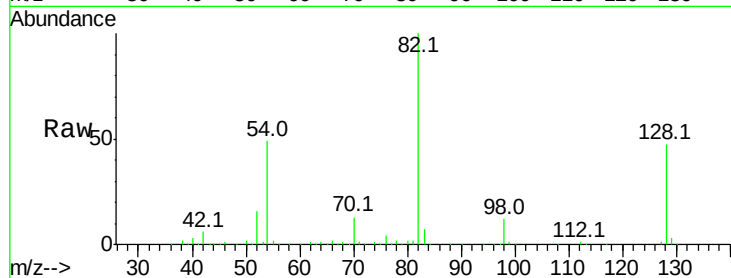
Tot Ion: 82 Resp: 948888

Ion Ratio Lower Upper

82 100

128 46.9 36.1 54.1

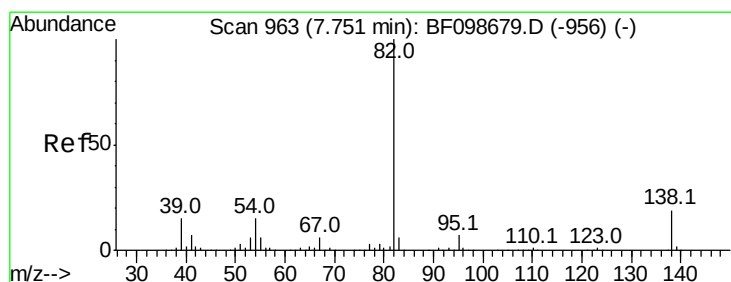
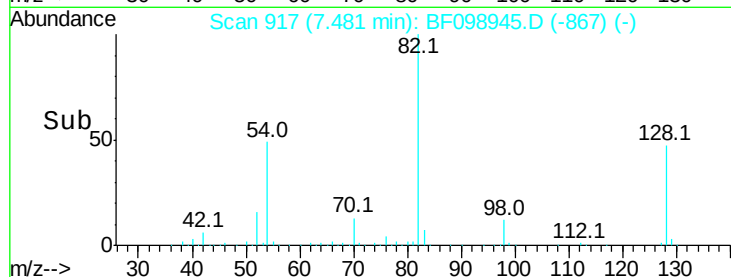
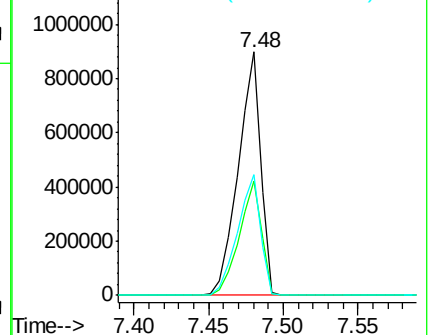
54 49.5 41.4 62.2



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: 53.029 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.26 min

Lab File: BF098945.D

Acq: 29 Sep 2017 13:56

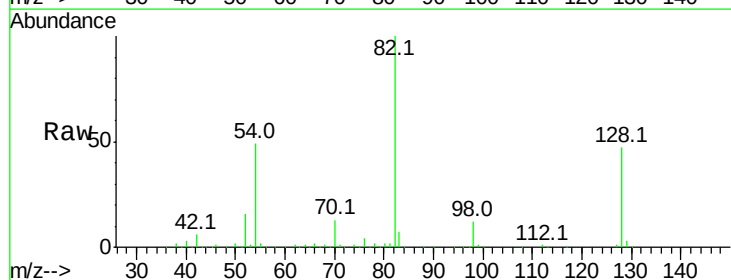
Tgt Ion: 82 Resp: 944673

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

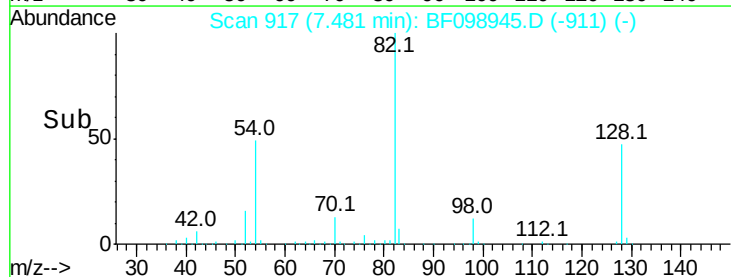
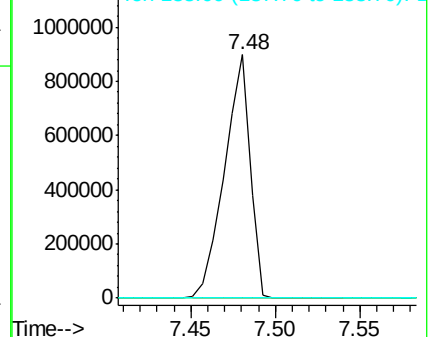
138 0.0 14.9 22.3#

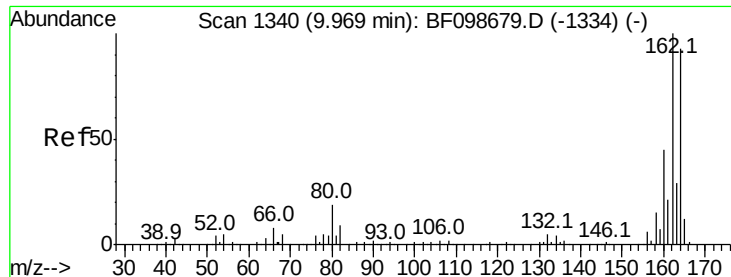


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

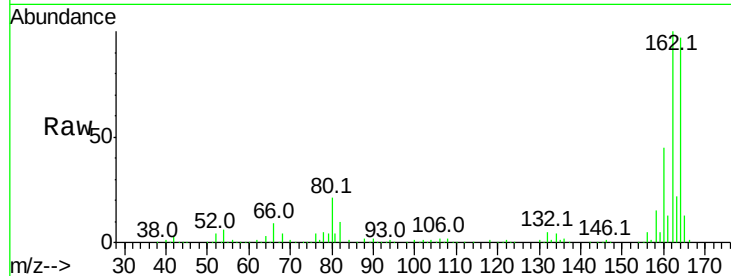




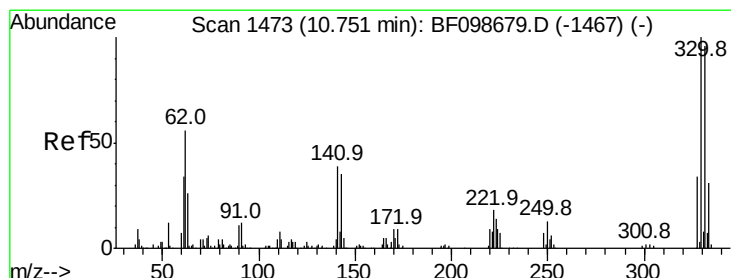
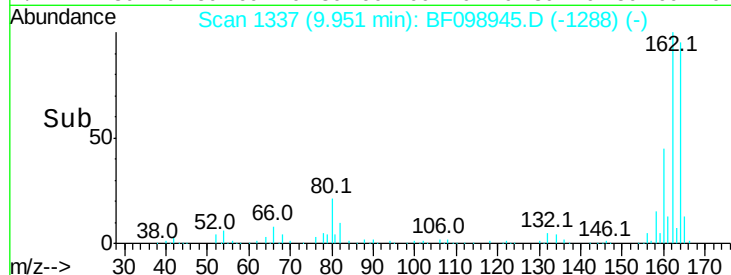
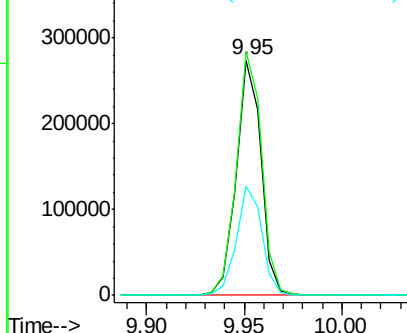
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF098945.D
Acq: 29 Sep 2017 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 240676
Ion Ratio Lower Upper
164 100
162 103.6 86.1 129.1
160 46.7 38.3 57.5

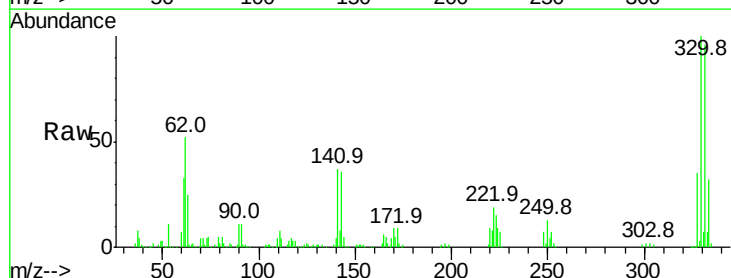


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

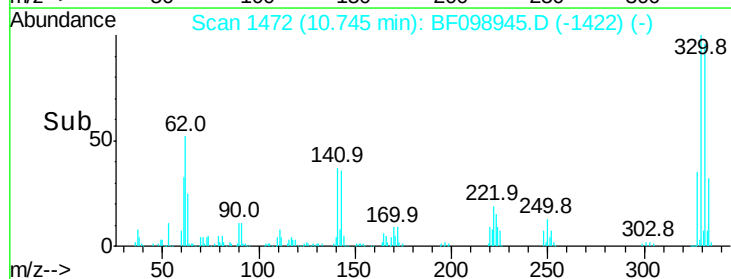
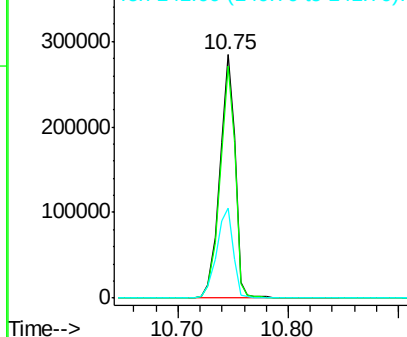


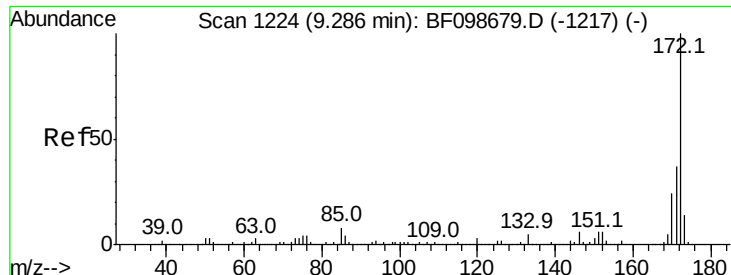
#41
2,4,6-Tribromophenol
Concen: 139.012 ng
RT: 10.75 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BF098945.D
Acq: 29 Sep 2017 13:56

Tgt Ion:330 Resp: 273768
Ion Ratio Lower Upper
330 100
332 94.6 77.0 115.6
141 40.2 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

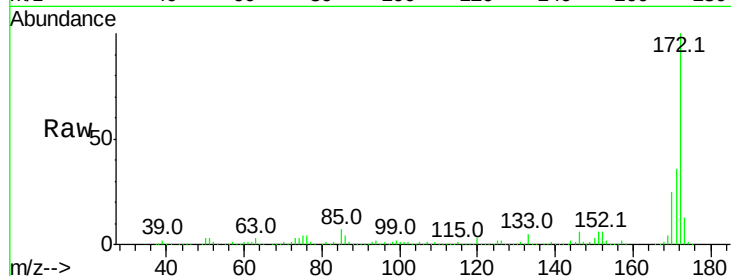




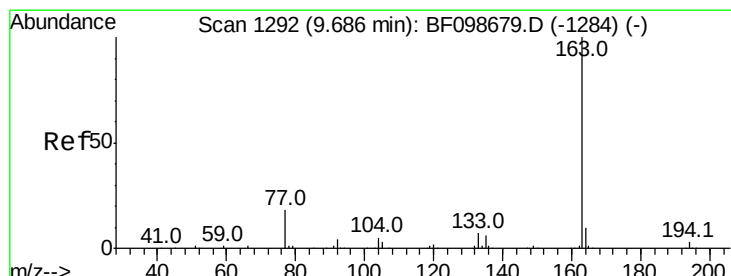
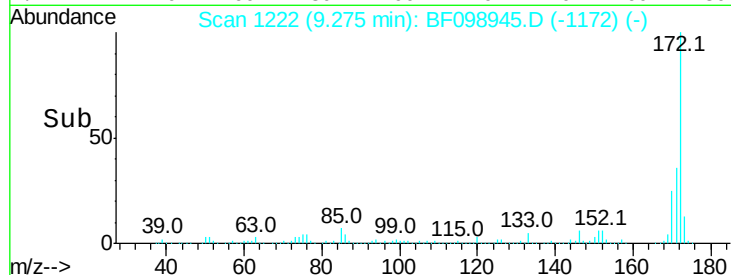
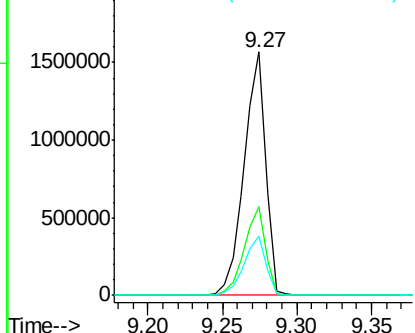
#44
2-Fluorobiphenyl
Concen: 108.905 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF098945.D
Acq: 29 Sep 2017 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1570054
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 24.5 19.6 29.4

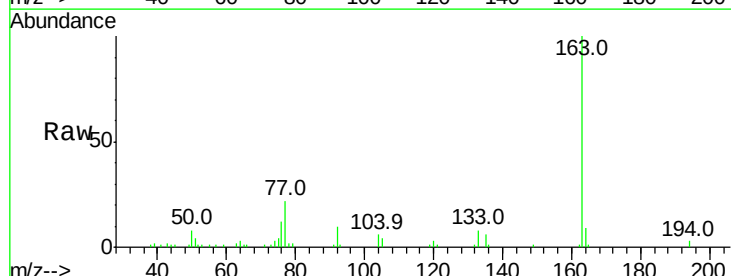


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

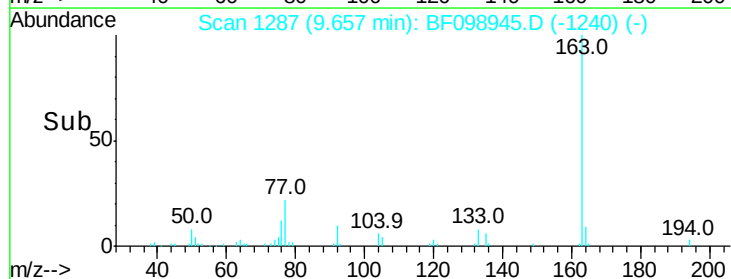
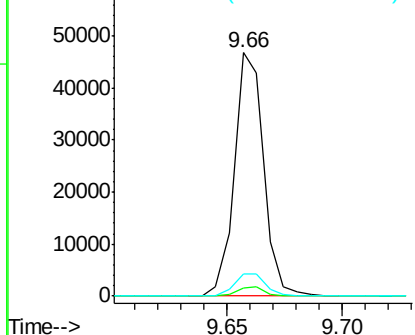


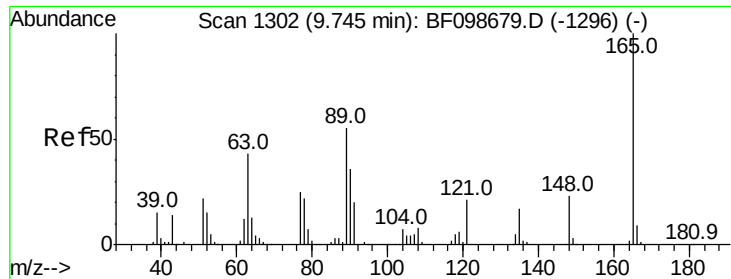
#49
Dimethylphthalate
Concen: 2.279 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BF098945.D
Acq: 29 Sep 2017 13:56

Tgt Ion:163 Resp: 41403
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 9.1 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

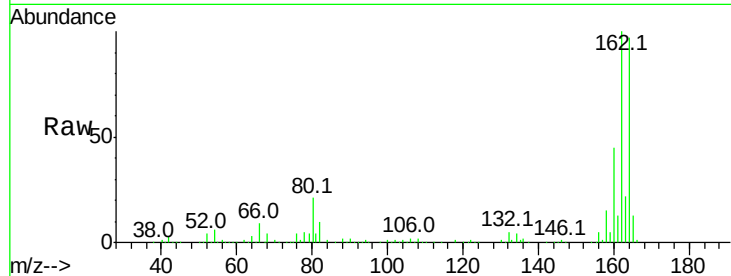




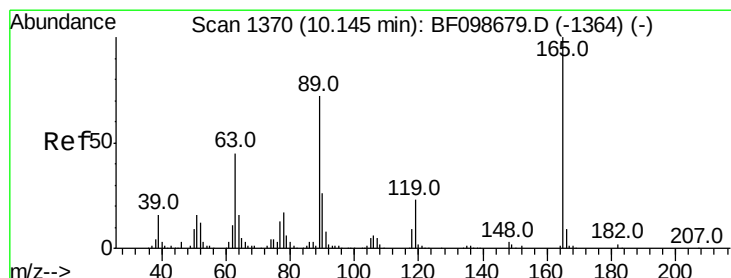
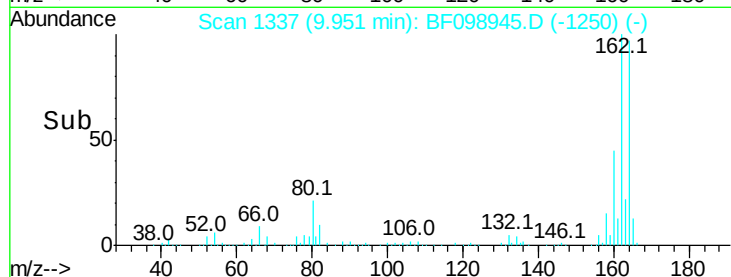
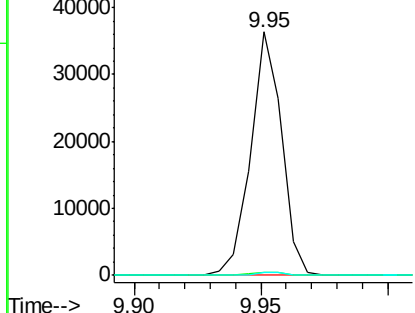
#50
 2,6-Dinitrotoluene
 Concen: 7.818 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. 0.21 min
 Lab File: BF098945.D
 Acq: 29 Sep 2017 13:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	1.2	44.0	66.0#

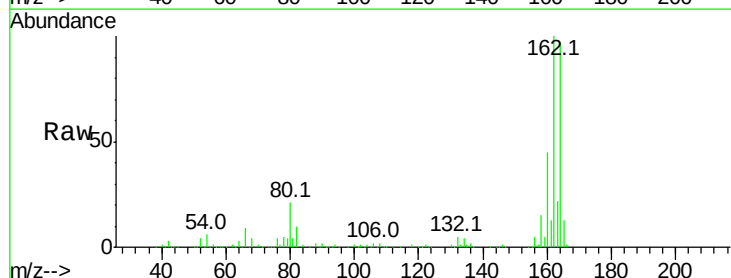


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

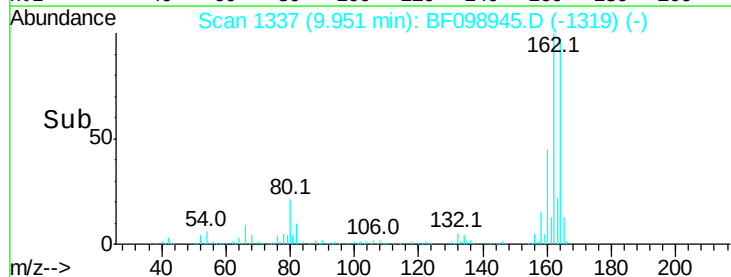
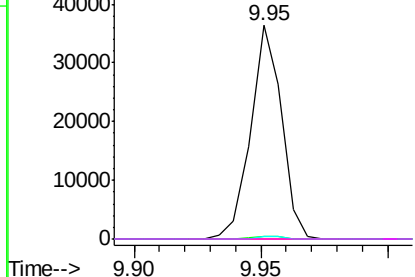


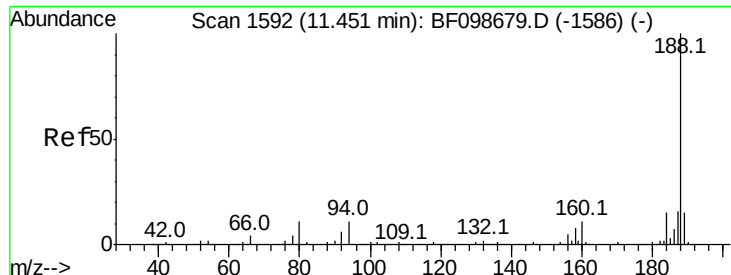
#56
 2,4-Dinitrotoluene
 Concen: 6.024 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.19 min
 Lab File: BF098945.D
 Acq: 29 Sep 2017 13:56

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#



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
 Ion 182.00 (181.70 to 182.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF098945.D

Acq: 29 Sep 2017 13:56

Instrument :

BNA_F

ClientSampleId :

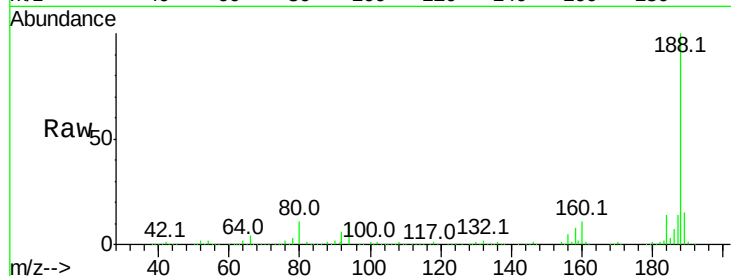
Tot Ion:188 Resp: 382356

Ion Ratio Lower Upper

188 100

94 10.5 8.5 12.7

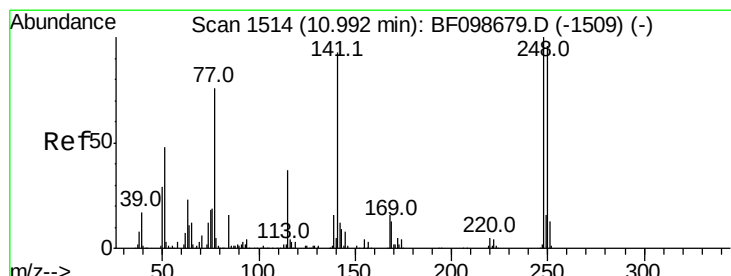
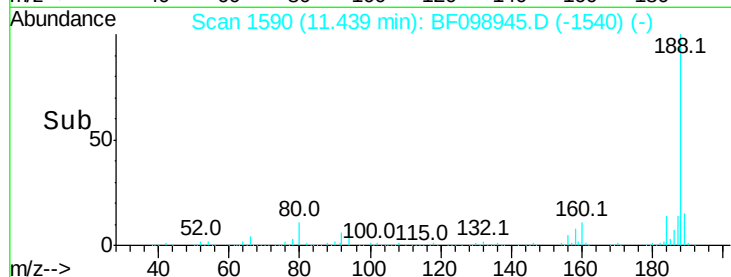
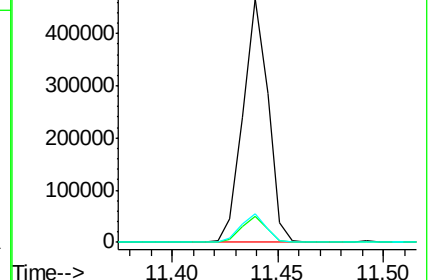
80 11.5 9.2 13.8



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



#66

4-Bromophenyl-phenylether

Concen: 5.071 ng

RT: 10.75 min Scan# 1472

Delta R.T. -0.25 min

Lab File: BF098945.D

Acq: 29 Sep 2017 13:56

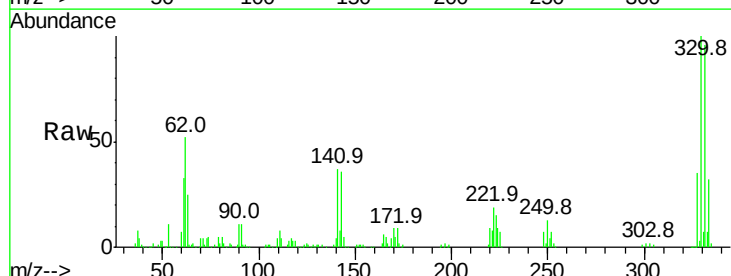
Tgt Ion:248 Resp: 18978

Ion Ratio Lower Upper

248 100

250 187.7 76.9 115.3#

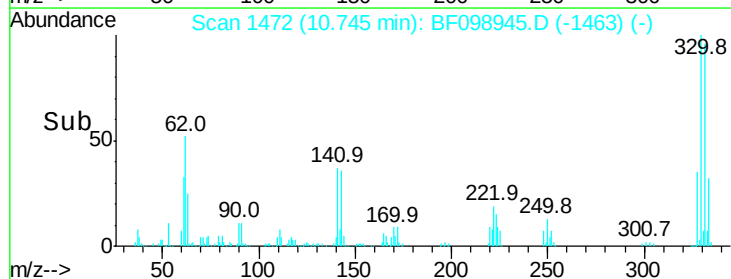
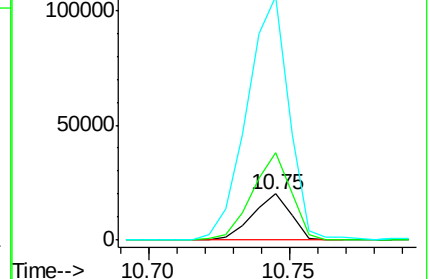
141 526.2 74.4 111.6#

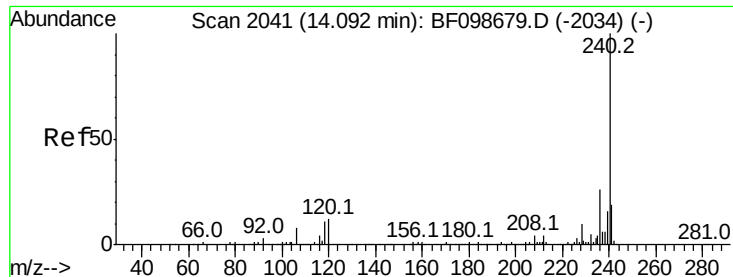


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.08 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BF098945.D

Acq: 29 Sep 2017 13:56

Instrument :

BNA_F

ClientSampleId :

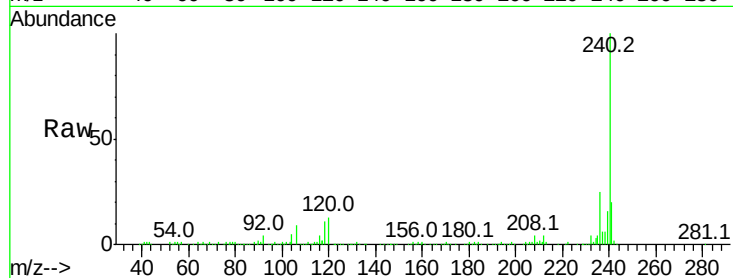
Tot Ion:240 Resp: 201534

Ion Ratio Lower Upper

240 100

120 13.1 9.5 14.3

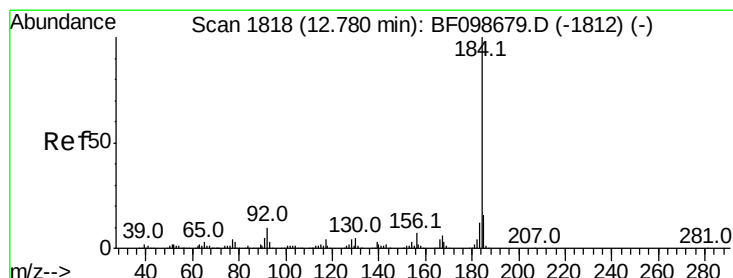
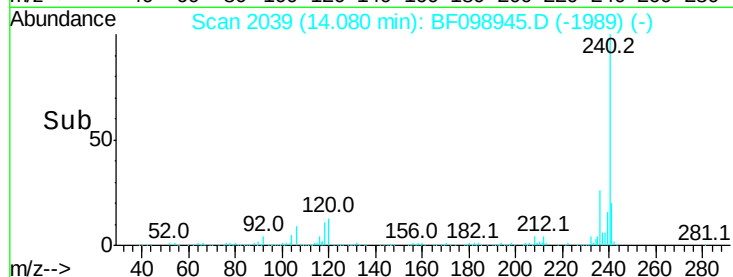
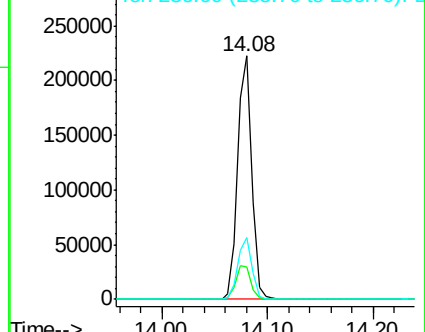
236 25.5 20.7 31.1



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



#76

Benzidine

Concen: 2.085 ng

RT: 13.03 min Scan# 1860

Delta R.T. 0.25 min

Lab File: BF098945.D

Acq: 29 Sep 2017 13:56

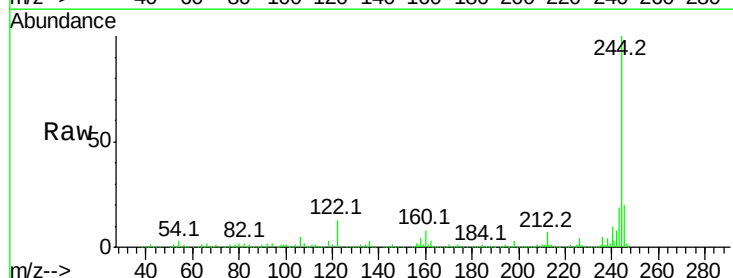
Tgt Ion:184 Resp: 15540

Ion Ratio Lower Upper

184 100

185 17.2 12.6 18.8

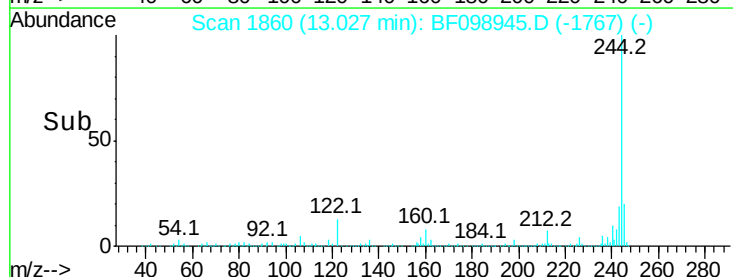
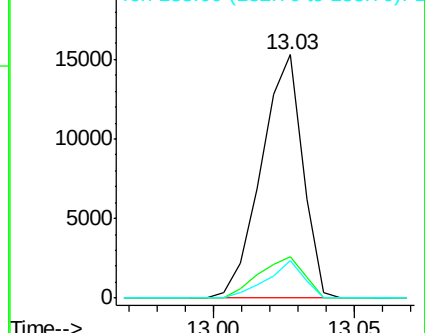
183 15.5 9.3 13.9#

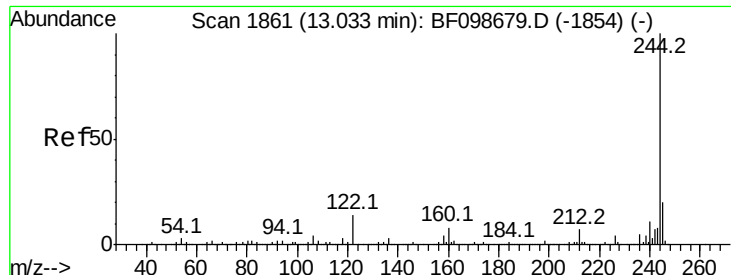


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 121.281 ng

RT: 13.03 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BF098945.D

Acq: 29 Sep 2017 13:56

Instrument :

BNA_F

ClientSampled :

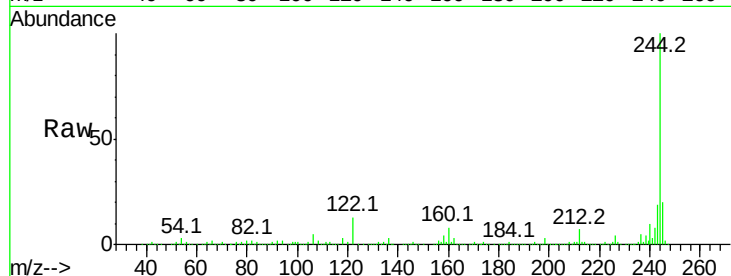
Tot Ion:244 Resp: 1074765

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

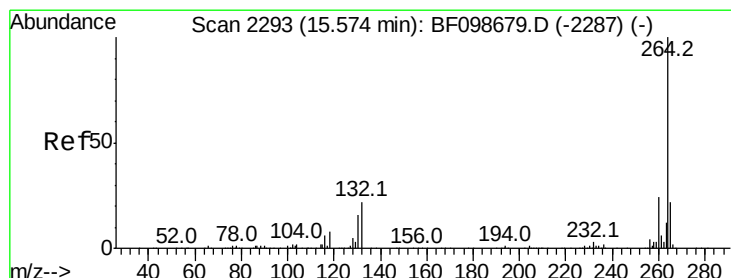
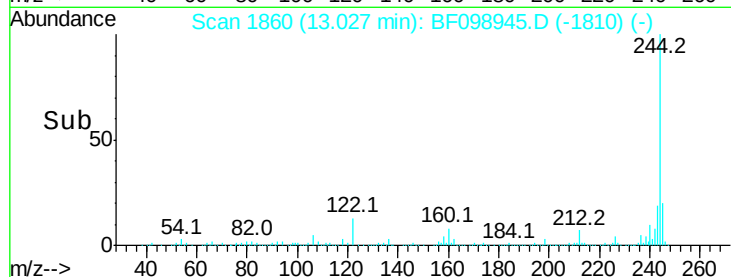
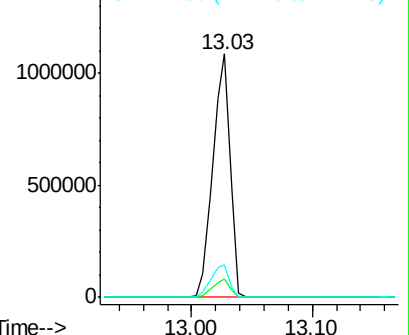
122 13.5 11.0 16.4



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: BF098945.D

Acq: 29 Sep 2017 13:56

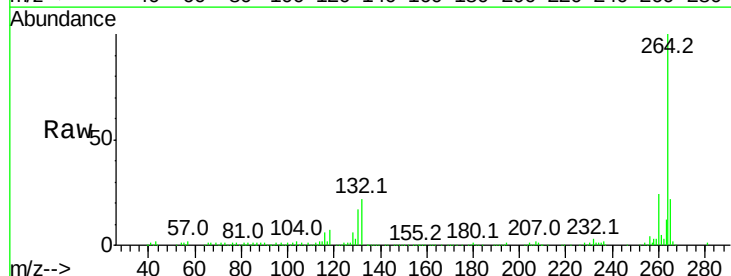
Tgt Ion:264 Resp: 216557

Ion Ratio Lower Upper

264 100

260 23.8 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

