

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110617\
 Data File : BF100246.D
 Acq On : 6 Nov 2017 12:39
 Operator : SJ/JU
 Sample : I6225-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 06 13:31:44 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 06 13:31:35 2017
 Response via : Initial Calibration

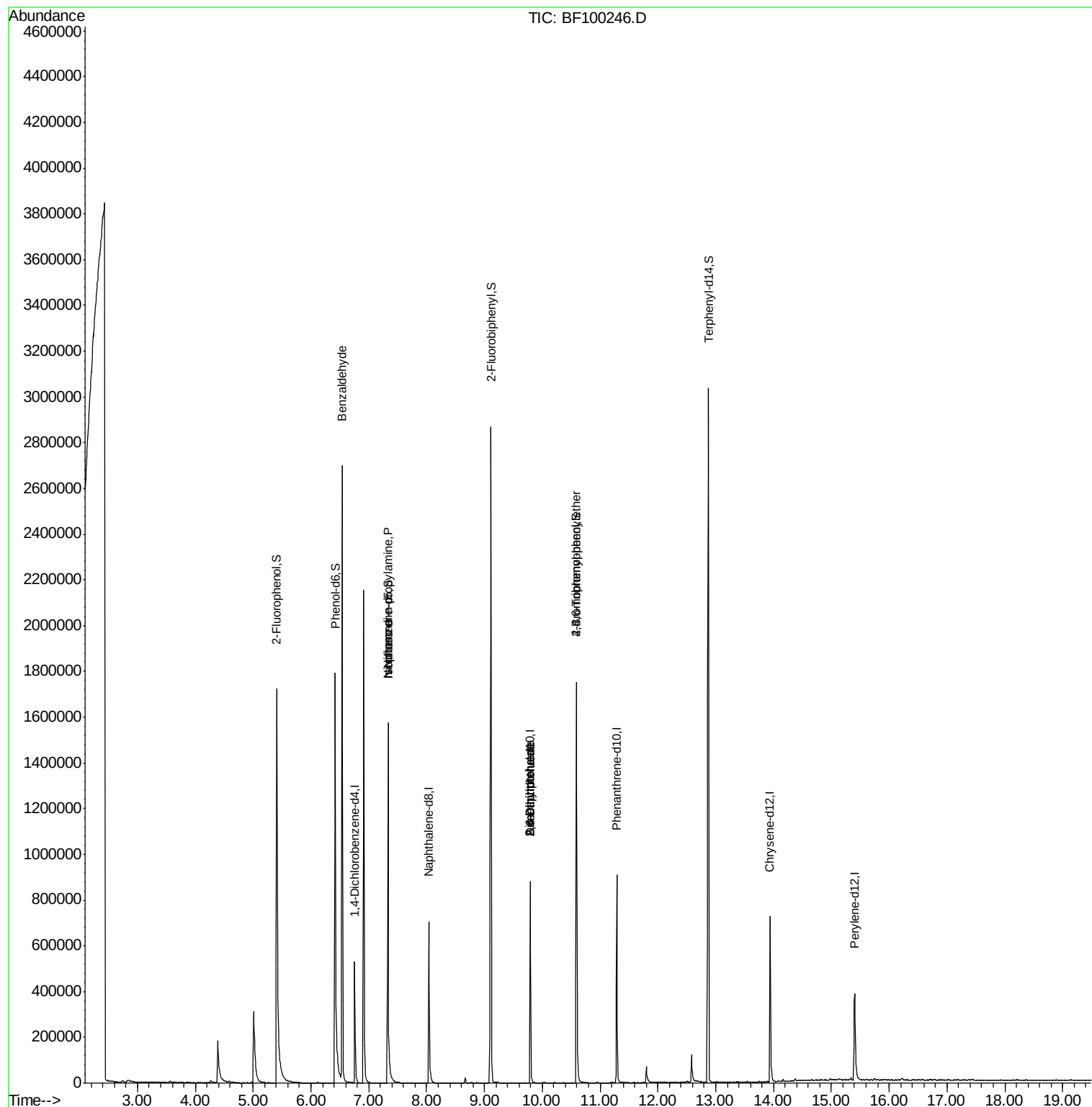
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	97056	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	401544	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	189115	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	354510	20.00	ng	0.00
75) Chrysene-d12	13.94	240	288841	20.00	ng	0.00
86) Perylene-d12	15.40	264	204149	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	856899	138.61	ng	0.02
7) Phenol-d6	6.42	99	928061	126.61	ng	0.00
23) Nitrobenzene-d5	7.33	82	619900	99.39	ng	0.00
41) 2,4,6-Tribromophenol	10.59	330	263865	153.10	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	1238054	101.00	ng	0.00
78) Terphenyl-d14	12.87	244	1167931	88.37	ng	0.00
Target Compounds						
9) Benzaldehyde	6.54	77	15051	3.436	ng	Qvalue 94
19) n-Nitroso-di-n-propylamine	7.33	70	76060	17.706	ng	# 71
25) Isophorone	7.33	82	619897	54.773	ng	# 64
49) Dimethylphthalate	9.79	163	43993	2.938	ng	# 1
50) 2,6-Dinitrotoluene	9.79	165	23728	7.537	ng	# 25
56) 2,4-Dinitrotoluene	9.79	165	23728	6.258	ng	# 23
66) 4-Bromophenyl-phenylether	10.59	248	16762	4.491	ng	# 1

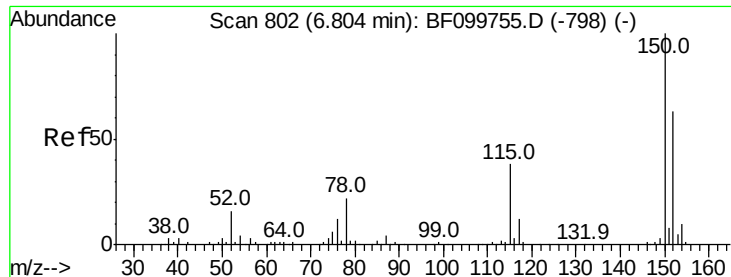
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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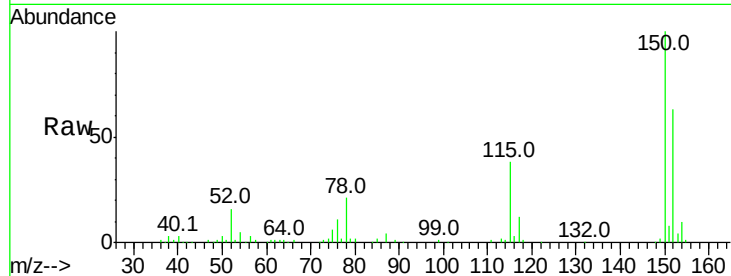


#1

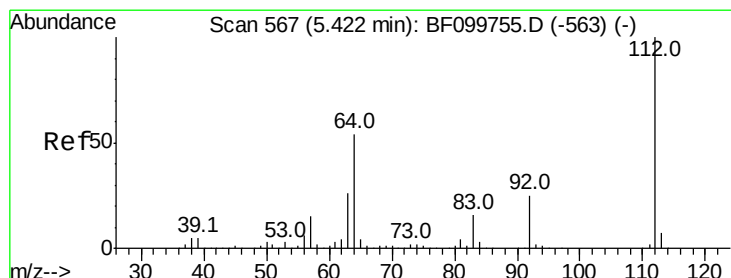
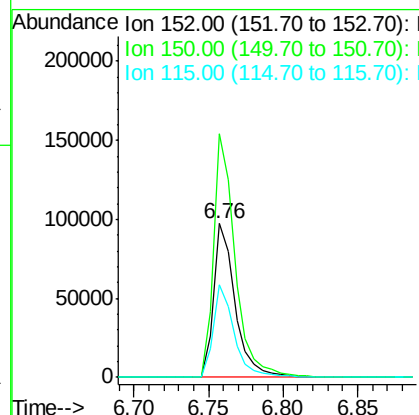
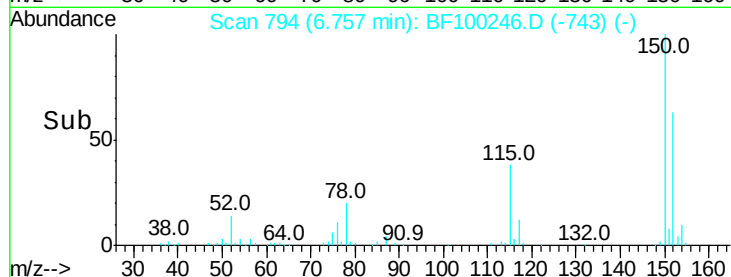
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF100246.D
Acq: 6 Nov 2017 12:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 97056
Ion Ratio Lower Upper
152 100
150 158.7 124.6 186.8
115 60.0 50.1 75.1



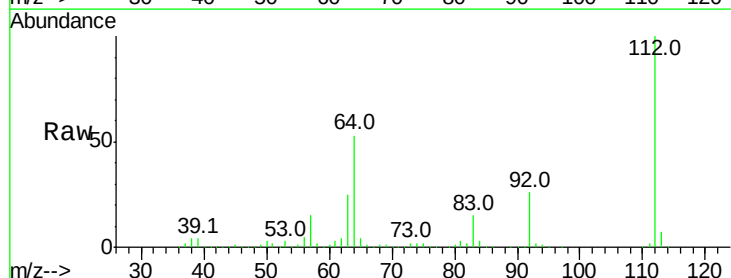
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



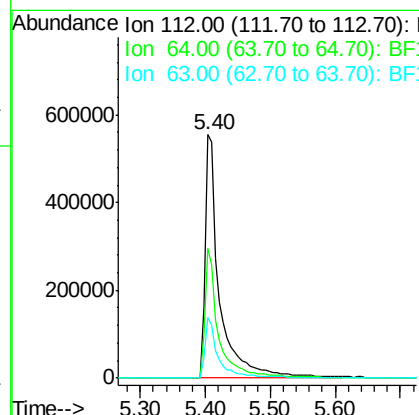
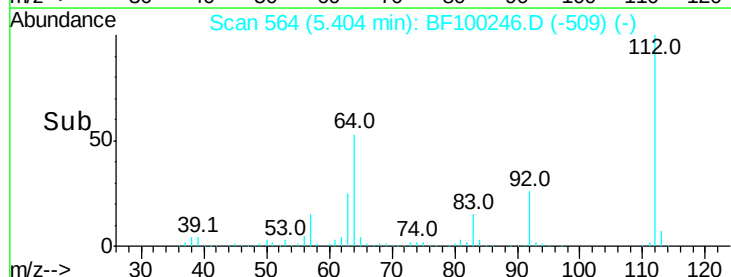
#5

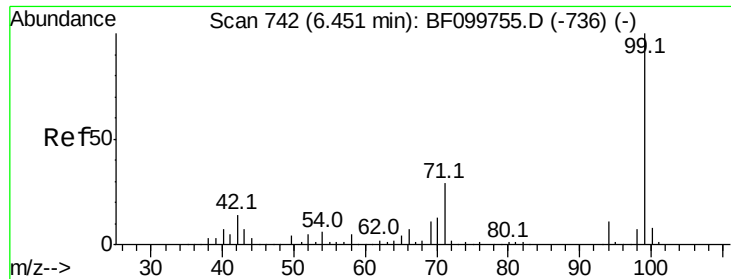
2-Fluorophenol
Concen: 138.611 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.02 min
Lab File: BF100246.D
Acq: 6 Nov 2017 12:39

Tgt Ion:112 Resp: 856899
Ion Ratio Lower Upper
112 100
64 53.2 47.9 71.9
63 24.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 126.608 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF100246.D

Acq: 6 Nov 2017 12:39

Instrument :

BNA_F

ClientSampleId :

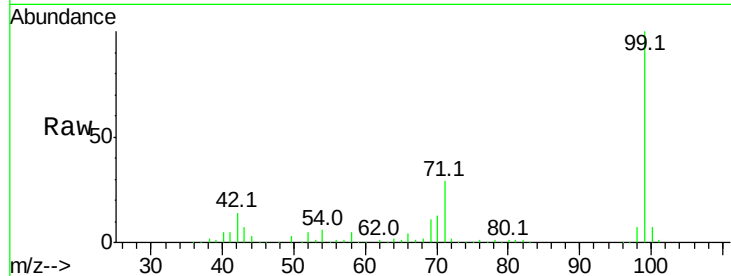
Tot Ion: 99 Resp: 928061

Ion Ratio Lower Upper

99 100

42 13.7 14.5 21.7#

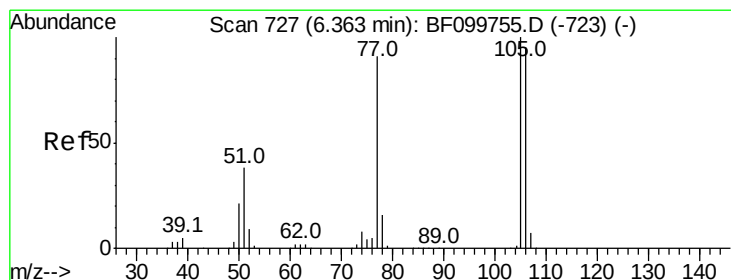
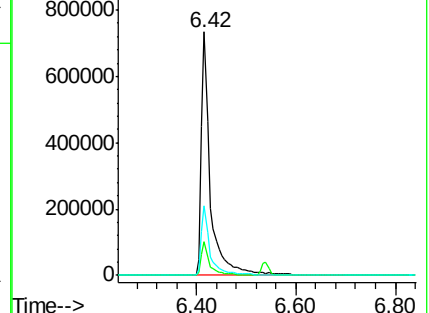
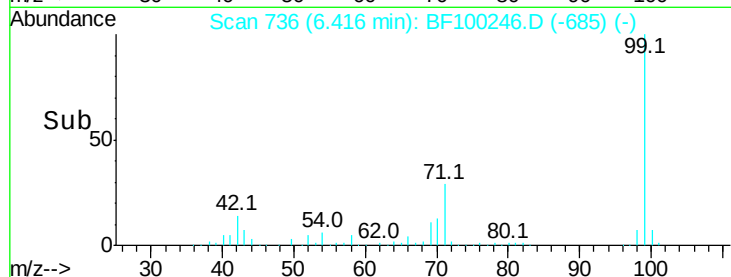
71 28.7 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 3.436 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.21 min

Lab File: BF100246.D

Acq: 6 Nov 2017 12:39

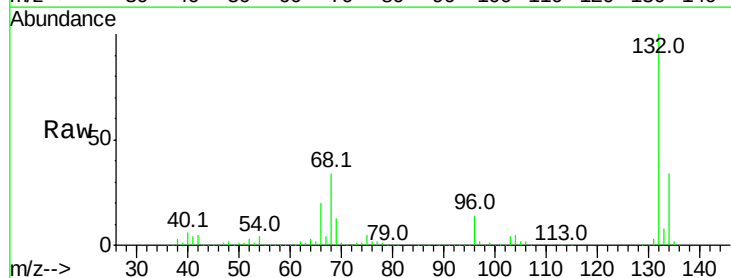
Tgt Ion: 77 Resp: 15051

Ion Ratio Lower Upper

77 100

105 90.1 81.1 121.1

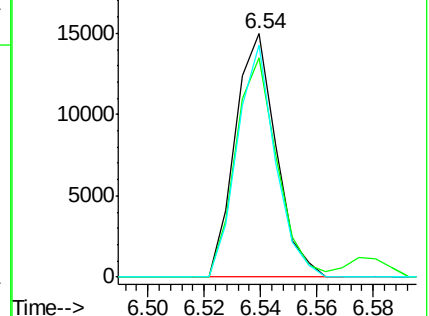
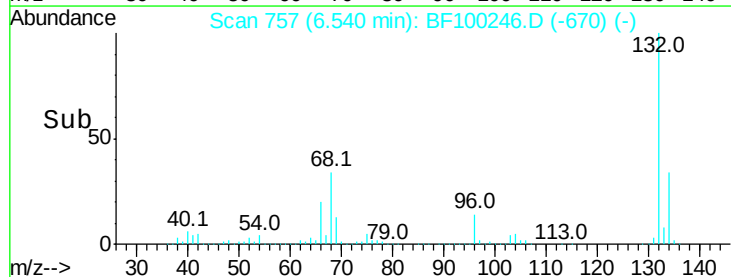
106 95.3 74.5 114.5

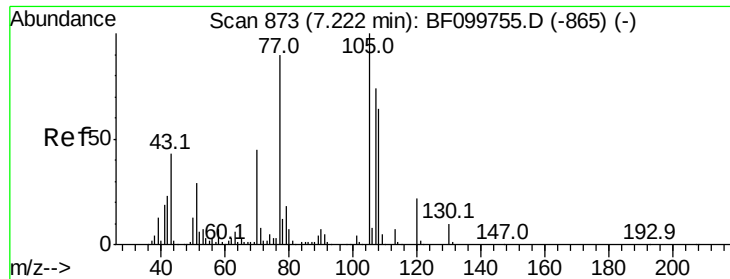


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

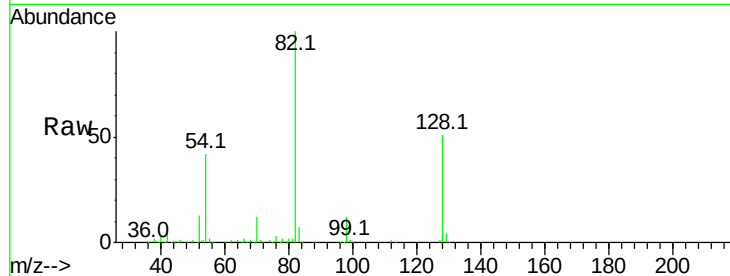




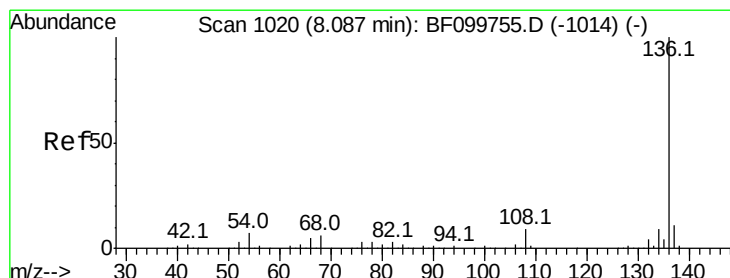
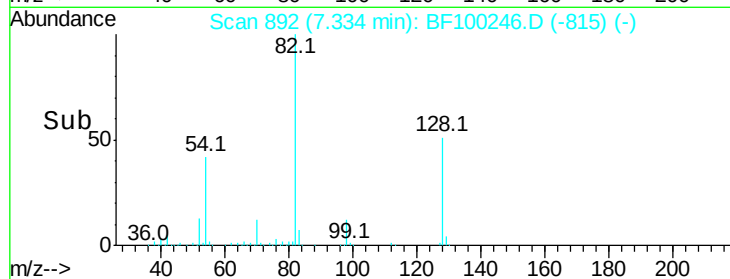
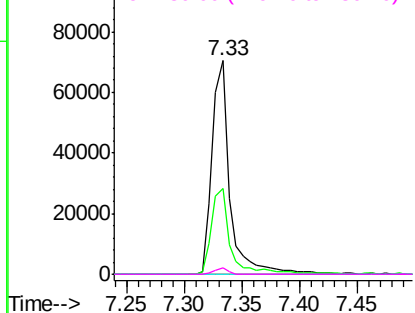
#19
n-Nitroso-di-n-propylamine
Concen: 17.706 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.15 min
Lab File: BF100246.D
Acq: 6 Nov 2017 12:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 76060
Ion Ratio Lower Upper
70 100
42 40.2 47.5 71.3#
101 0.0 7.4 11.2#
130 2.7 16.6 25.0#



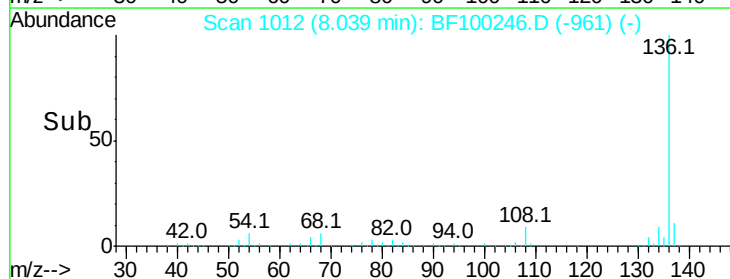
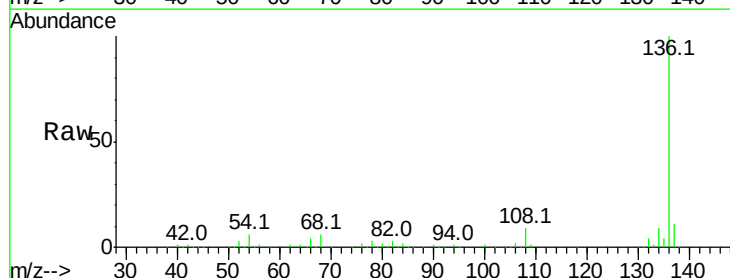
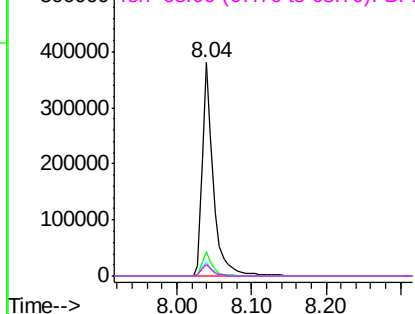
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

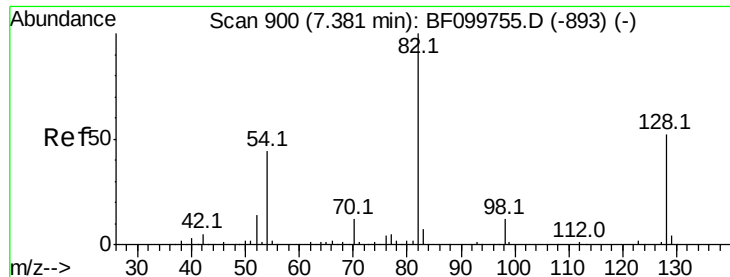


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BF100246.D
Acq: 6 Nov 2017 12:39

Tgt Ion:136 Resp: 401544
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 6.5 6.6 9.8#
68 5.5 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): BF1
Ion 68.00 (67.70 to 68.70): BF1

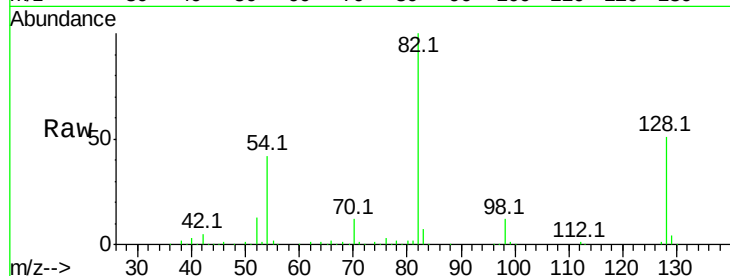




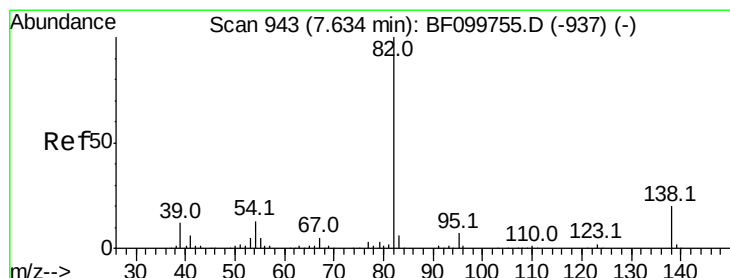
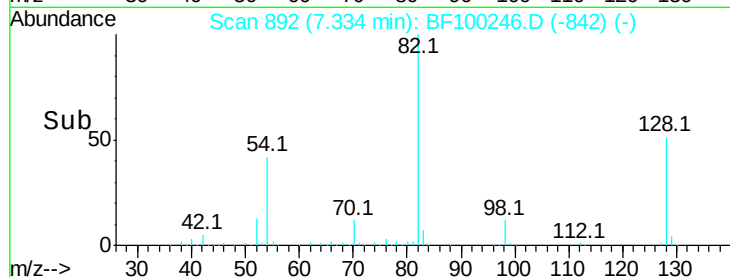
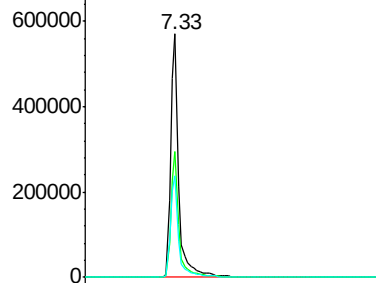
#23
 Nitrobenzene-d5
 Concen: 99.390 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF100246.D
 Acq: 6 Nov 2017 12:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 619900
 Ion Ratio Lower Upper
 82 100
 128 51.5 36.1 54.1
 54 41.7 41.4 62.2

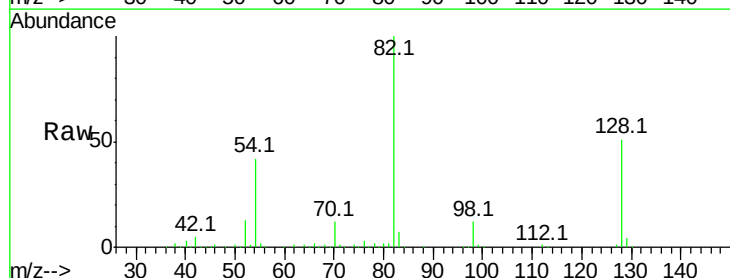


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

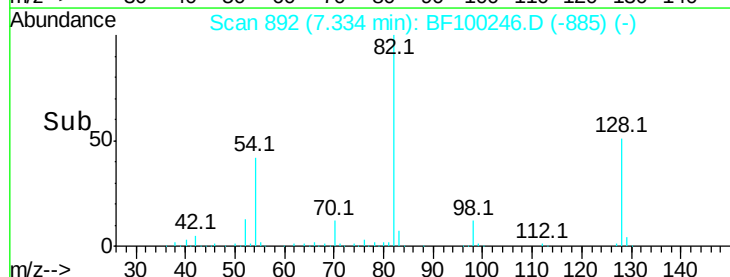
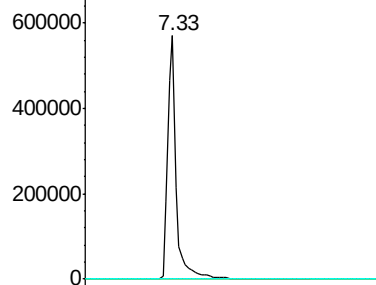


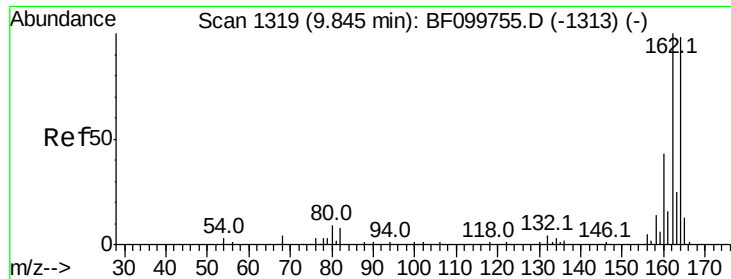
#25
 Isophorone
 Concen: 54.773 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.26 min
 Lab File: BF100246.D
 Acq: 6 Nov 2017 12:39

Tgt Ion: 82 Resp: 619897
 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): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1

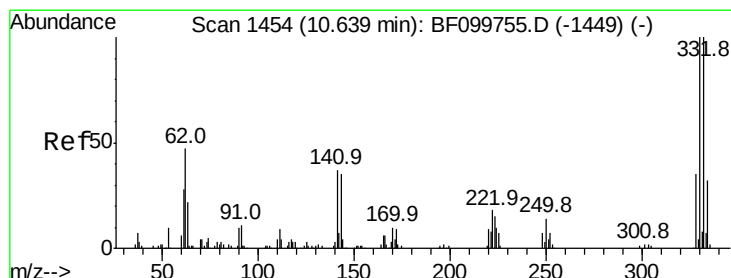
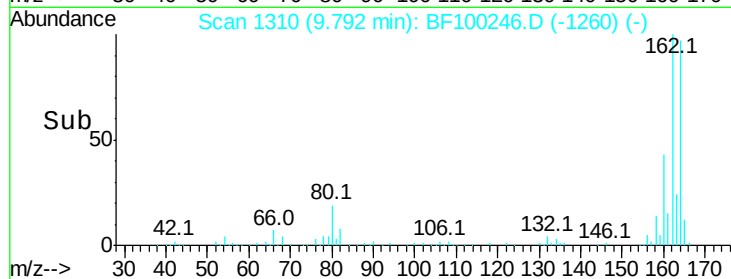
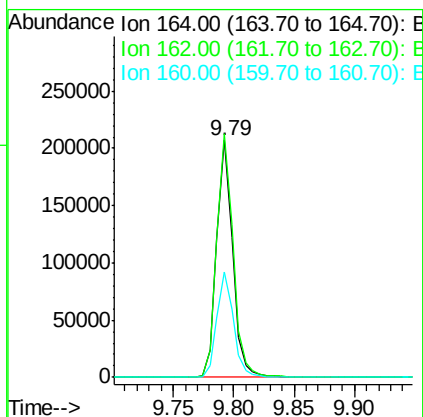
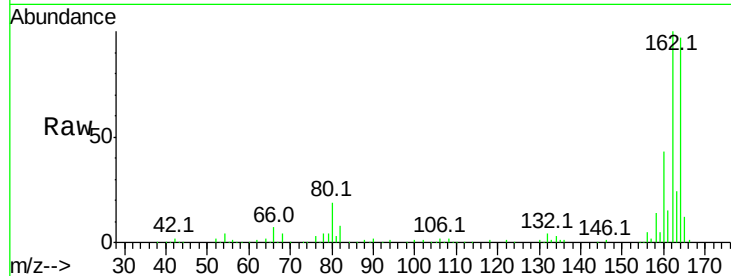




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF100246.D
Acq: 6 Nov 2017 12:39

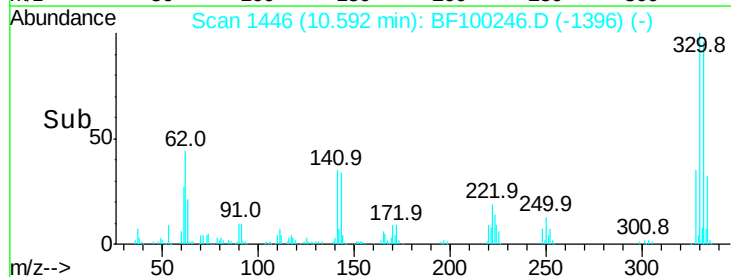
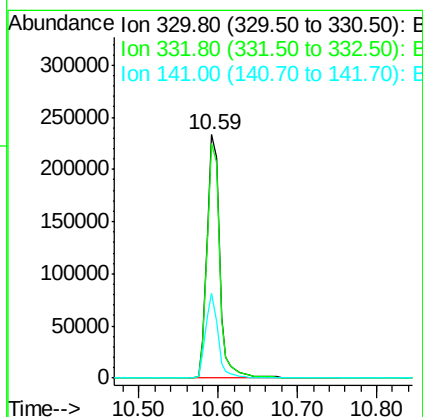
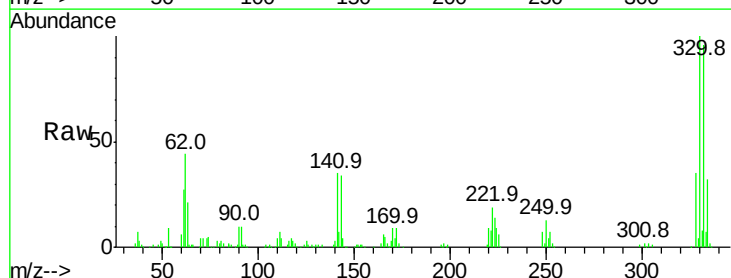
Instrument :
BNA_F
ClientSampleId :

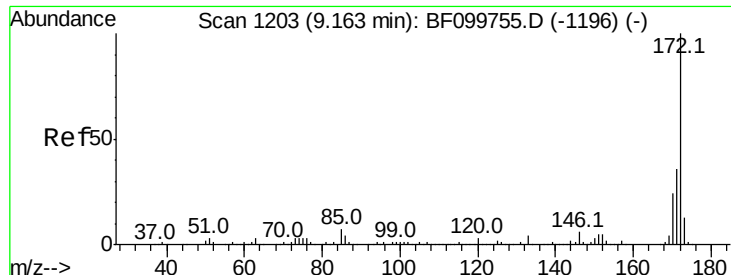
Tot Ion:164 Resp: 189115
Ion Ratio Lower Upper
164 100
162 102.8 86.1 129.1
160 44.6 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 153.104 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BF100246.D
Acq: 6 Nov 2017 12:39

Tgt Ion:330 Resp: 263865
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.6
141 34.2 29.9 44.9

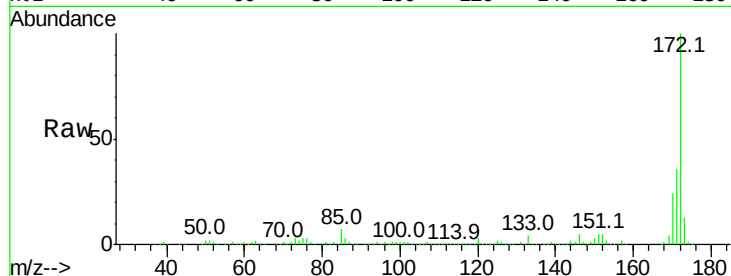




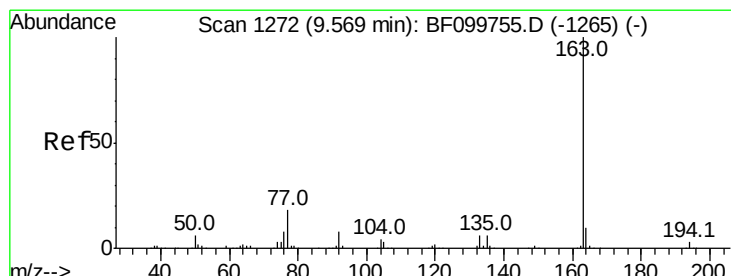
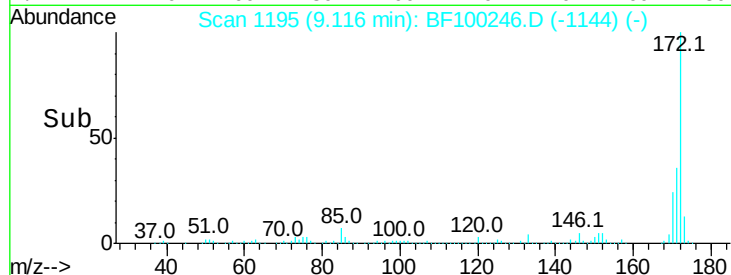
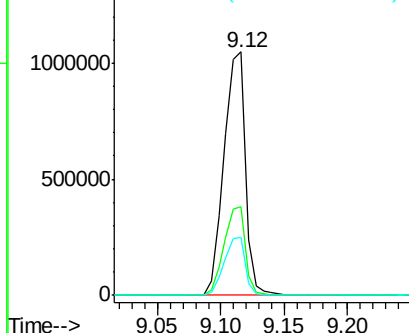
#44
2-Fluorobiphenyl
Concen: 101.003 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.00 min
Lab File: BF100246.D
Acq: 6 Nov 2017 12:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1238054
Ion Ratio Lower Upper
172 100
171 36.2 29.7 44.5
170 23.7 19.6 29.4

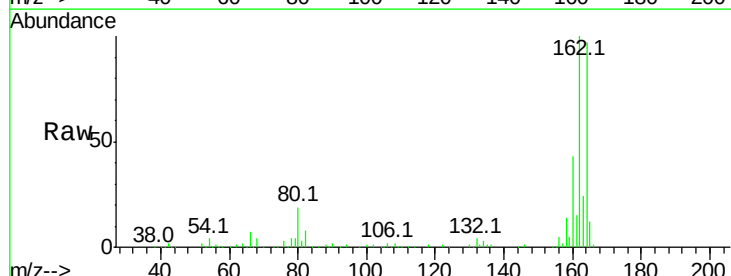


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

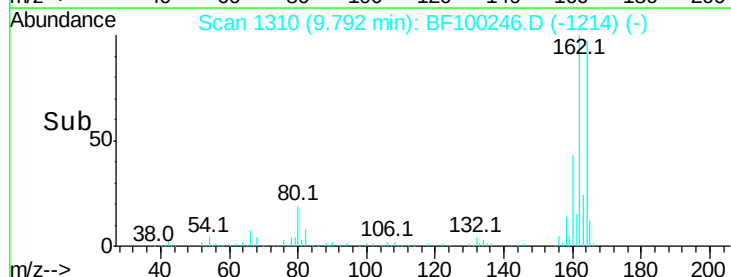
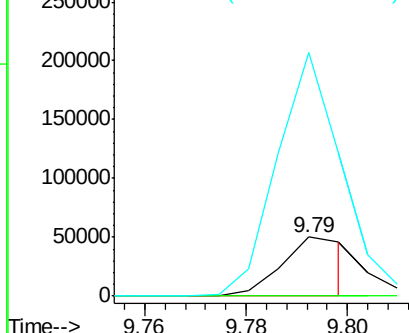


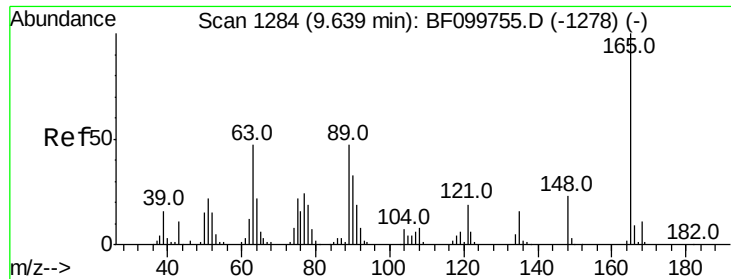
#49
Dimethylphthalate
Concen: 2.938 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.26 min
Lab File: BF100246.D
Acq: 6 Nov 2017 12:39

Tgt Ion:163 Resp: 43993
Ion Ratio Lower Upper
163 100
194 0.0 2.7 4.1#
164 410.8 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

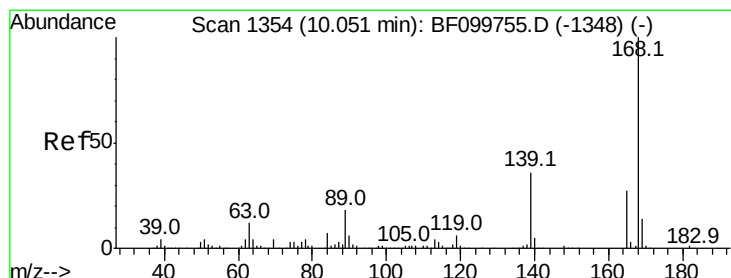
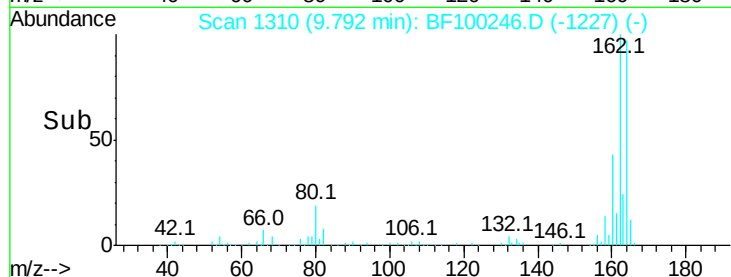
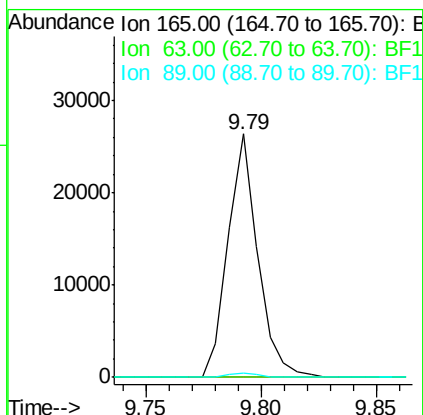
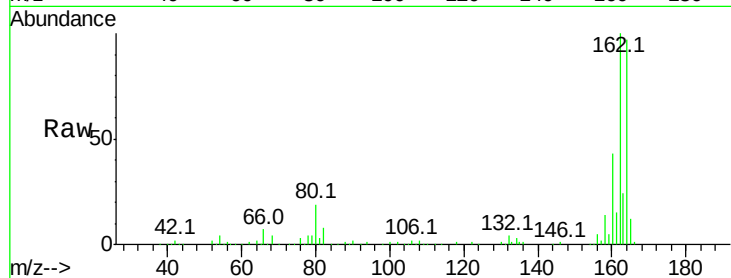




#50
 2,6-Dinitrotoluene
 Concen: 7.537 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. 0.19 min
 Lab File: BF100246.D
 Acq: 6 Nov 2017 12:39

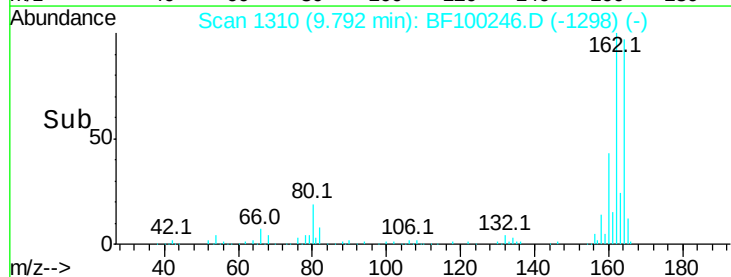
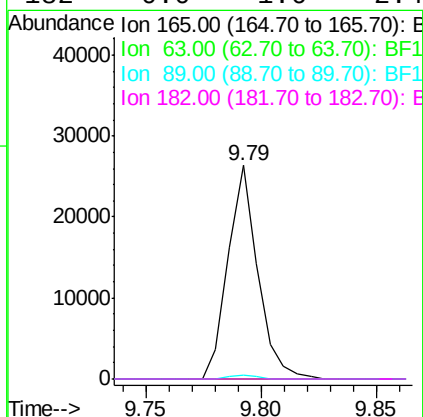
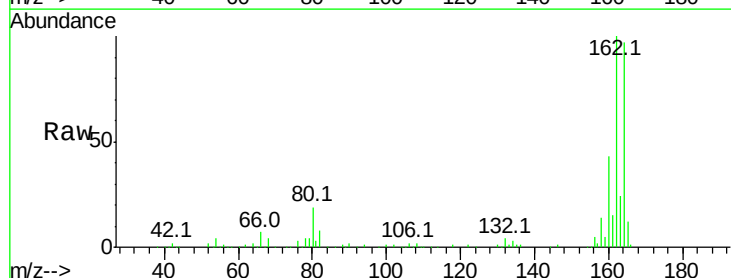
Instrument :
 BNA_F
 ClientSampleId :

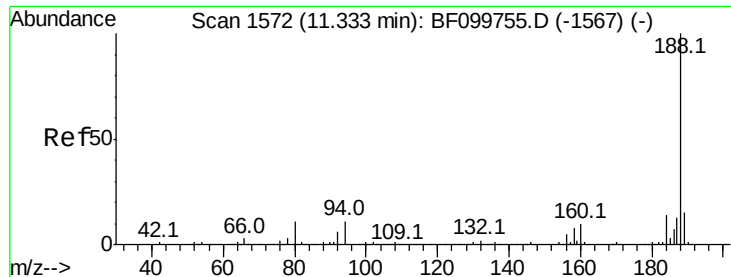
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.6	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.258 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.23 min
 Lab File: BF100246.D
 Acq: 6 Nov 2017 12:39

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

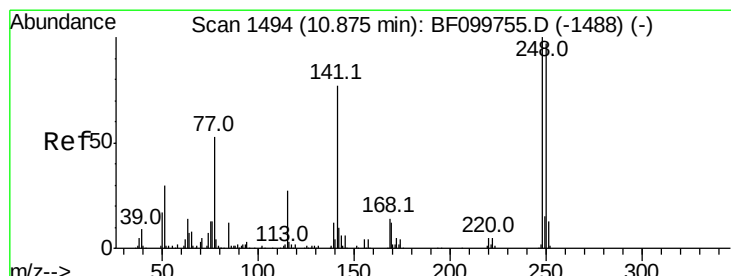
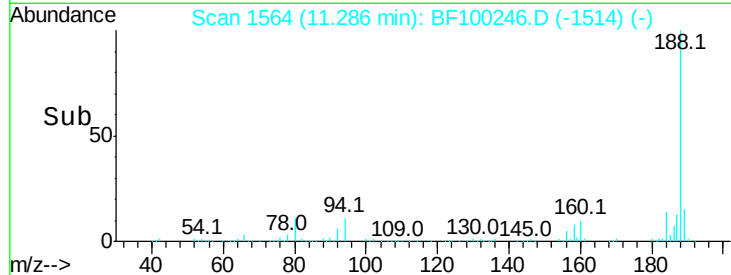
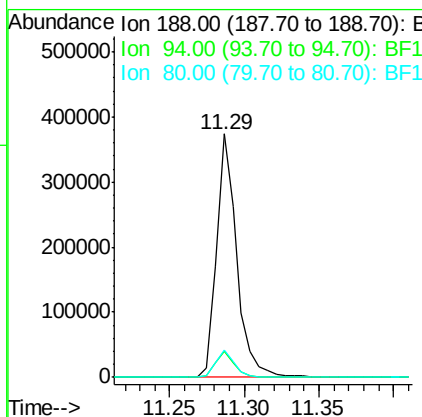
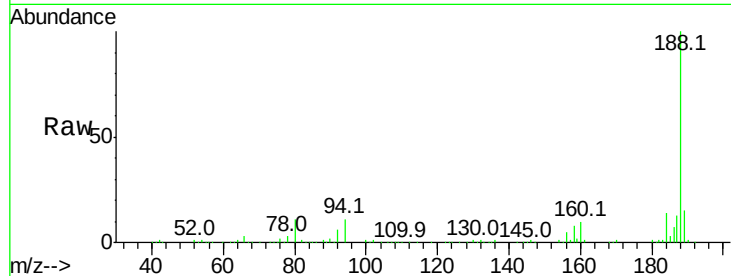




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF100246.D
 Acq: 6 Nov 2017 12:39

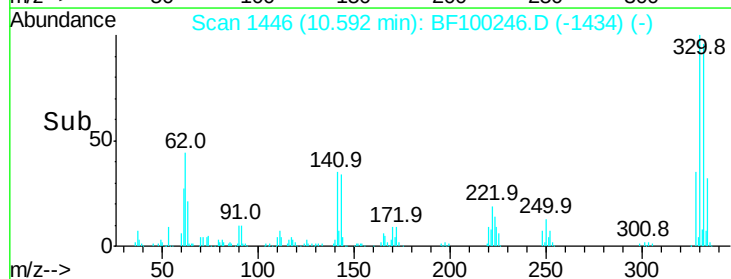
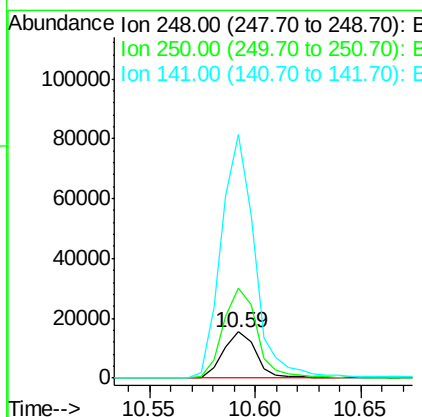
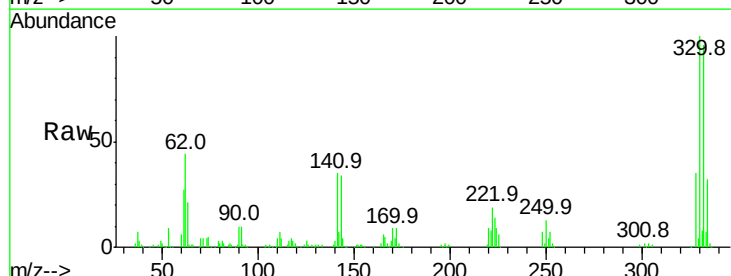
Instrument :
 BNA_F
 ClientSampled :

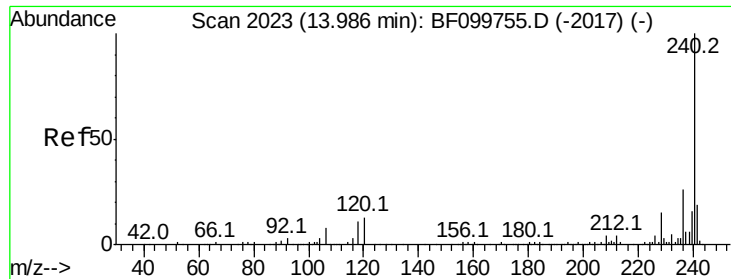
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	11.2	9.2	13.8



#66
 4-Bromophenyl-phenylether
 Concen: 4.491 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.23 min
 Lab File: BF100246.D
 Acq: 6 Nov 2017 12:39

Tgt Ion	Ratio	Lower	Upper
248	100		
250	194.2	76.9	115.3#
141	525.3	74.4	111.6#

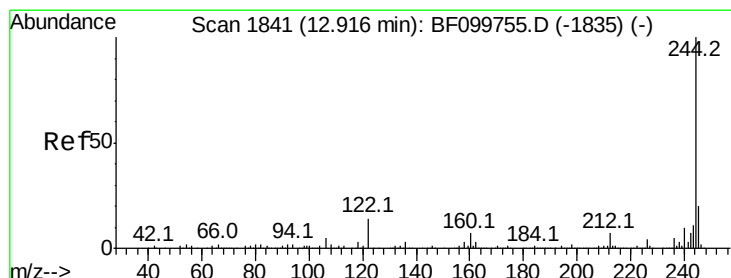
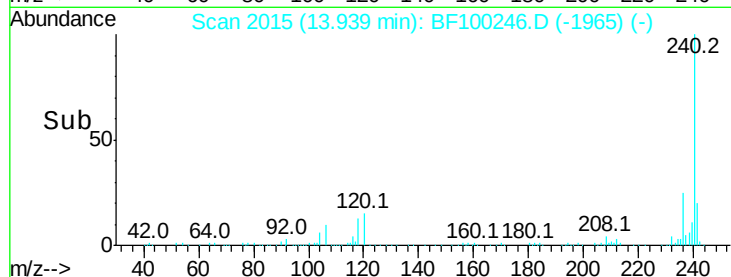
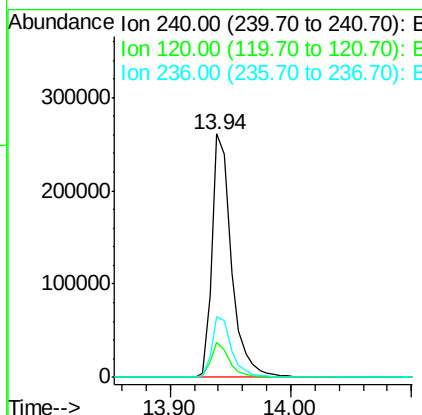
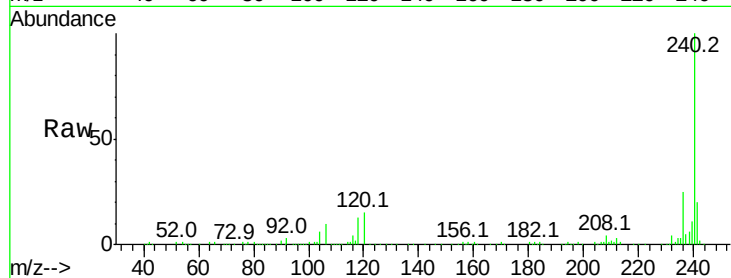




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF100246.D
 Acq: 6 Nov 2017 12:39

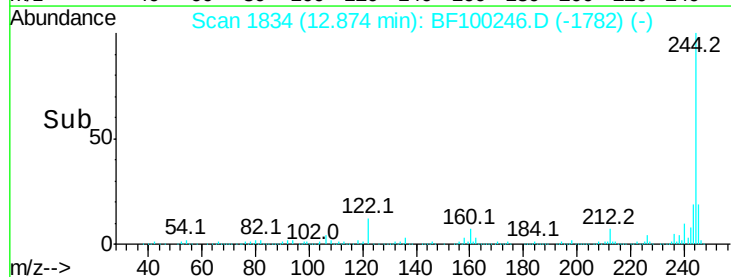
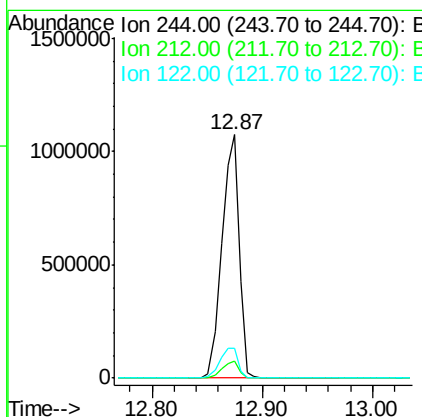
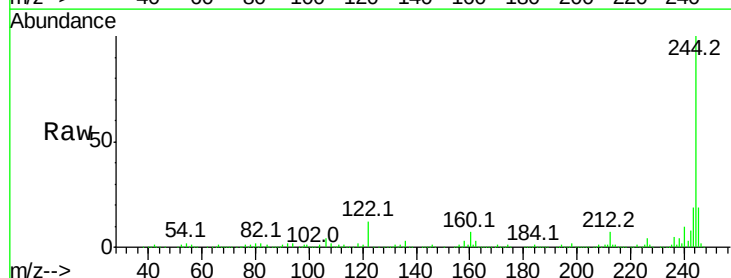
Instrument :
 BNA_F
 ClientSampleId :

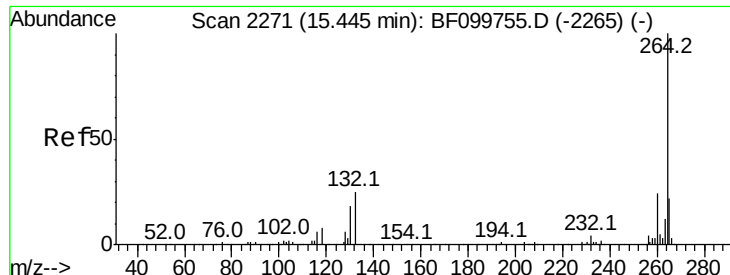
Tot Ion:240 Resp: 288841
 Ion Ratio Lower Upper
 240 100
 120 14.5 9.5 14.3#
 236 25.1 20.7 31.1



#78
 Terphenyl-d14
 Concen: 88.366 ng
 RT: 12.87 min Scan# 1834
 Delta R.T. 0.01 min
 Lab File: BF100246.D
 Acq: 6 Nov 2017 12:39

Tgt Ion:244 Resp: 1167931
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 12.3 11.0 16.4

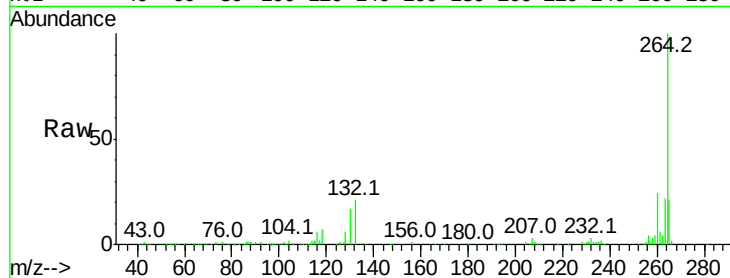




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.40 min Scan# 2264
 Delta R.T. -0.00 min
 Lab File: BF100246.D
 Acq: 6 Nov 2017 12:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	20.6	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

