

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091317\
 Data File : BF098512.D
 Acq On : 14 Sep 2017 1:55
 Operator : SJ/JU
 Sample : I5140-15
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 14 05:23:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

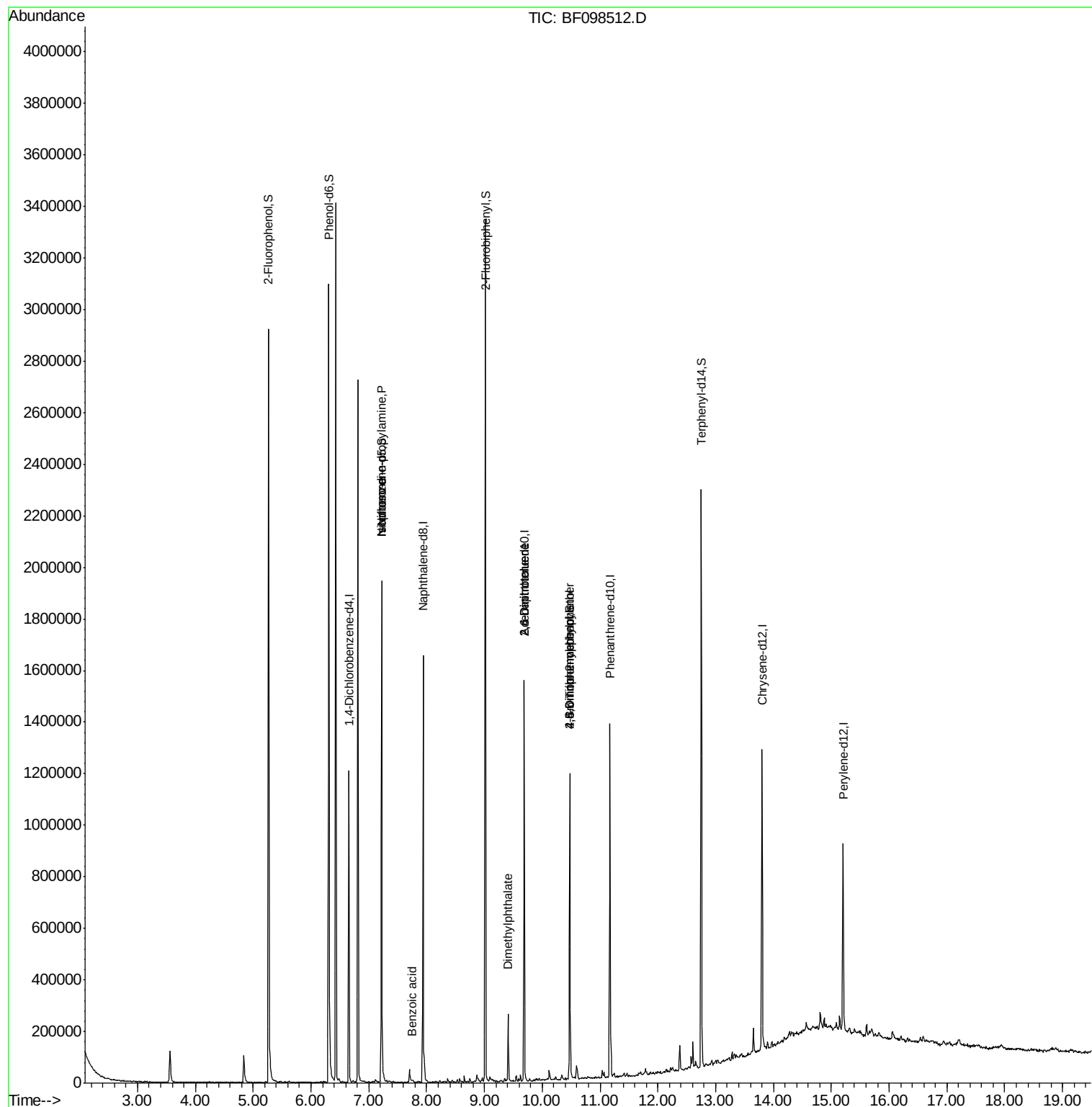
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	172462	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	695588	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	284750	20.00	ng	-0.02
63) Phenanthrene-d10	11.17	188	440297	20.00	ng	-0.02
75) Chrysene-d12	13.80	240	359099	20.00	ng	-0.01
86) Perylene-d12	15.20	264	306348	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	863135	74.00	ng	-0.01
7) Phenol-d6	6.31	99	1035355	69.91	ng	-0.01
23) Nitrobenzene-d5	7.22	82	635212	50.91	ng	-0.02
41) 2,4,6-Tribromophenol	10.48	330	120799	63.56	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	968159	57.63	ng	-0.02
78) Terphenyl-d14	12.75	244	613495	36.88	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.22	70	84907	9.114	ng	# 81
25) Isophorone	7.22	82	624542	24.740	ng	# 67
32) Benzoic acid	7.76	122	110	7.982	ng	# 1
49) Dimethylphthalate	9.41	163	87297	3.960	ng	# 99
50) 2,6-Dinitrotoluene	9.69	165	37083	8.190	ng	# 34
56) 2,4-Dinitrotoluene	9.69	165	37083	6.737	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.47	198	129	5.007	ng	# 1
66) 4-Bromophenyl-phenylether	10.47	248	8796	2.105	ng	# 1

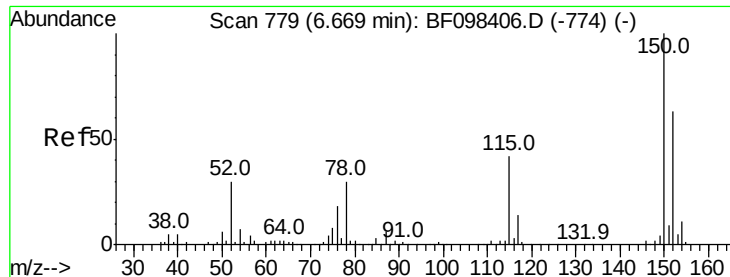
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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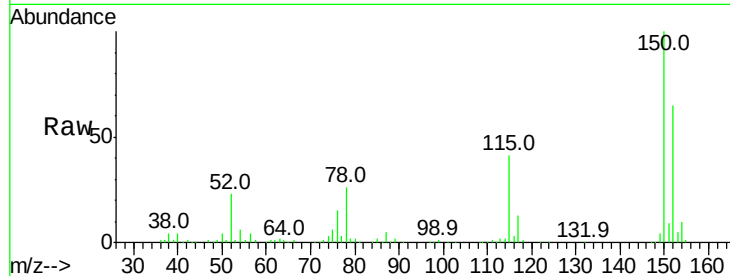


#1

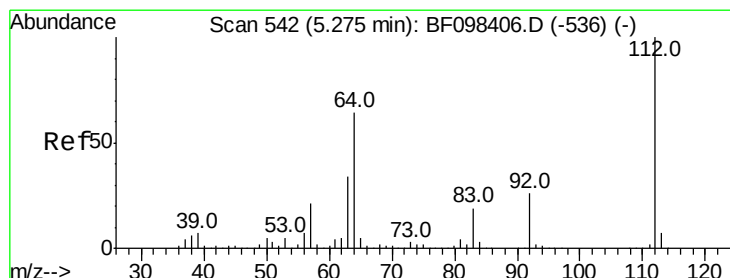
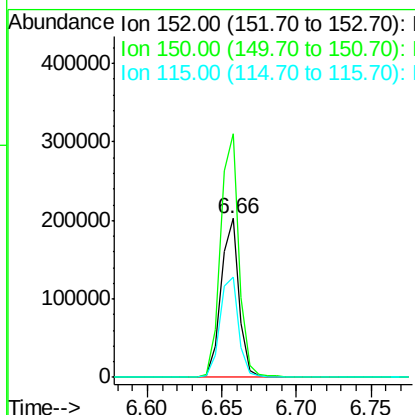
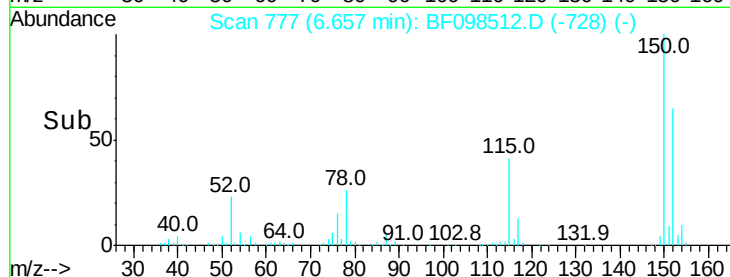
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF098512.D
Acq: 14 Sep 2017 1:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 172462
Ion Ratio Lower Upper
152 100
150 153.2 126.2 189.2
115 63.1 52.2 78.2



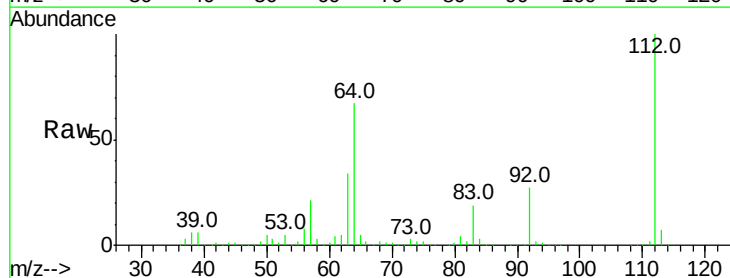
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



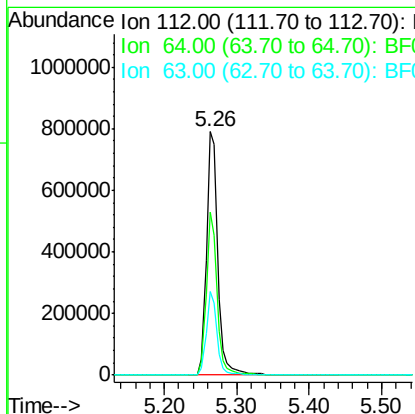
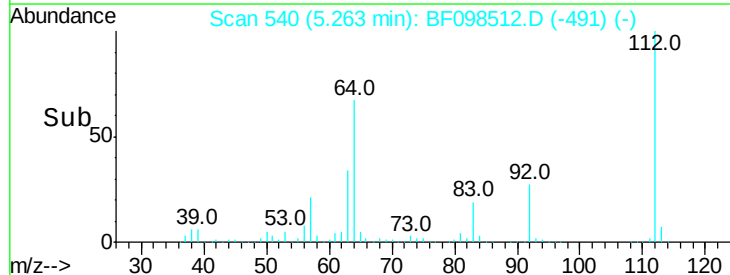
#5

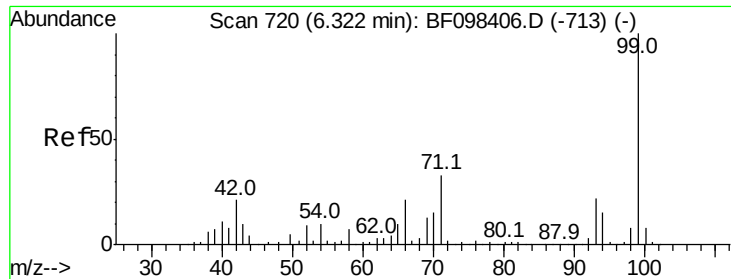
2-Fluorophenol
Concen: 73.997 ng
RT: 5.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF098512.D
Acq: 14 Sep 2017 1:55

Tgt Ion:112 Resp: 863135
Ion Ratio Lower Upper
112 100
64 67.0 46.0 69.0
63 34.5 23.4 35.0



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: 69.909 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF098512.D

Acq: 14 Sep 2017 1:55

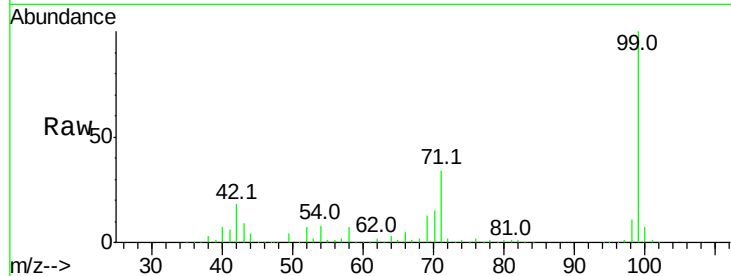
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1035355

Ion	Ratio	Lower	Upper
99	100		
42	18.4	13.5	20.3
71	34.4	24.5	36.7

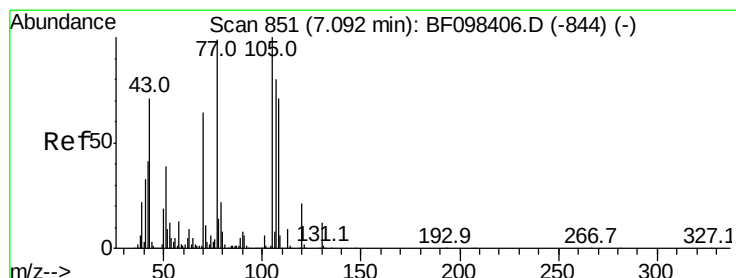
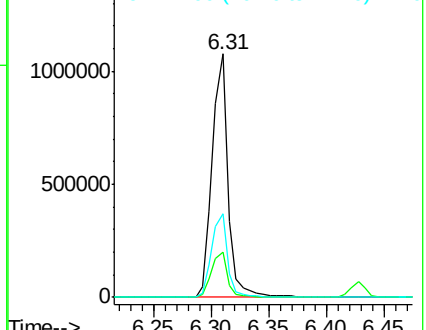
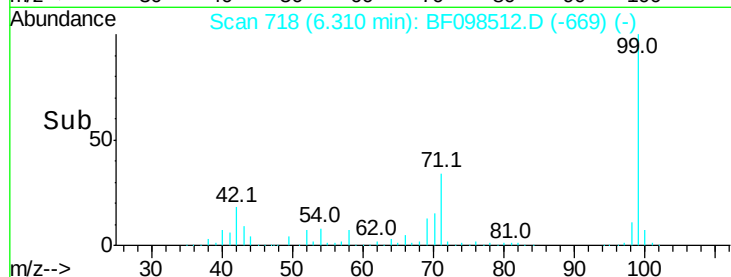


Abundance

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



#19

n-Nitroso-di-n-propylamine

Concen: 9.114 ng

RT: 7.22 min Scan# 873

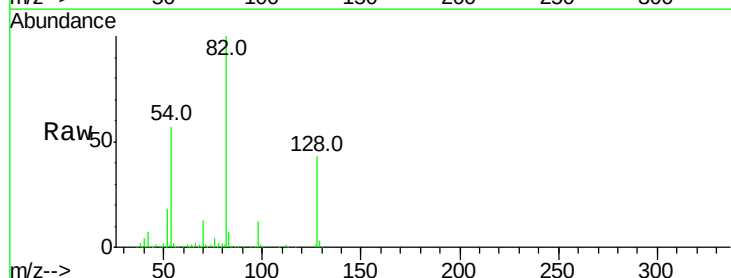
Delta R.T. 0.13 min

Lab File: BF098512.D

Acq: 14 Sep 2017 1:55

Tgt Ion: 70 Resp: 84907

Ion	Ratio	Lower	Upper
70	100		
42	49.8	47.2	70.8
101	0.0	7.2	10.8#
130	2.4	15.9	23.9#



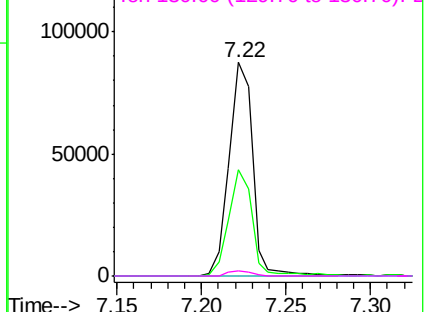
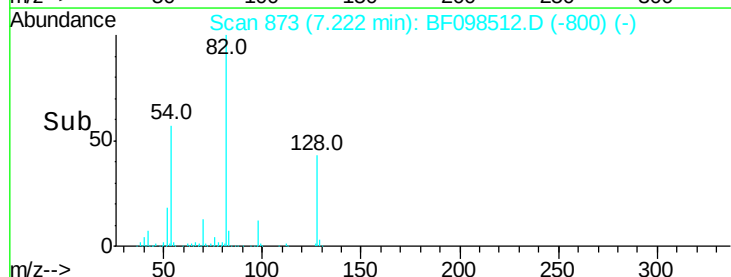
Abundance

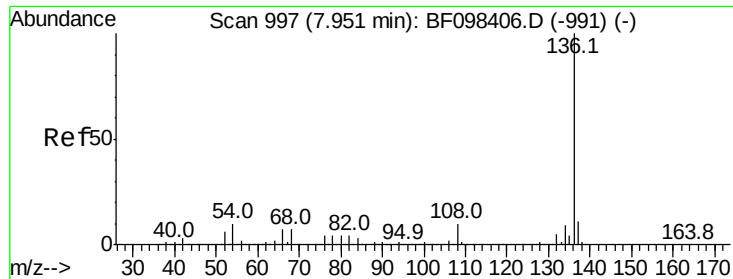
Ion 70.00 (69.70 to 70.70): BF0

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

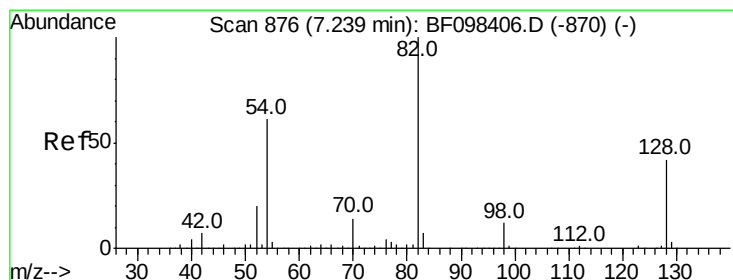
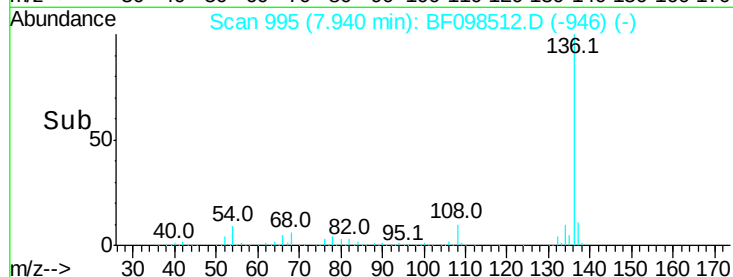
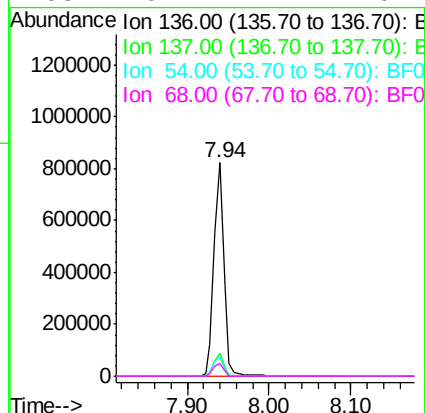
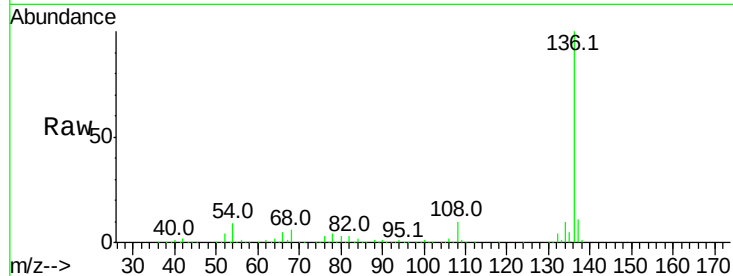




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF098512.D
Acq: 14 Sep 2017 1:55

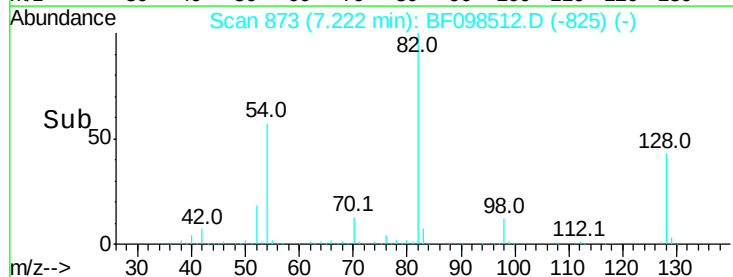
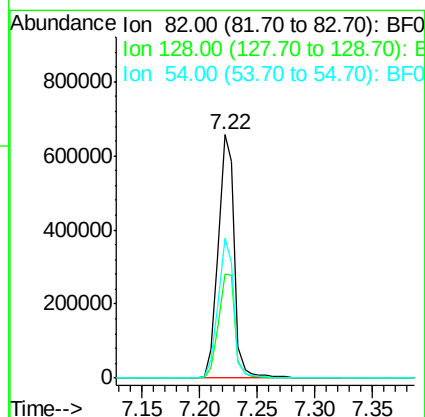
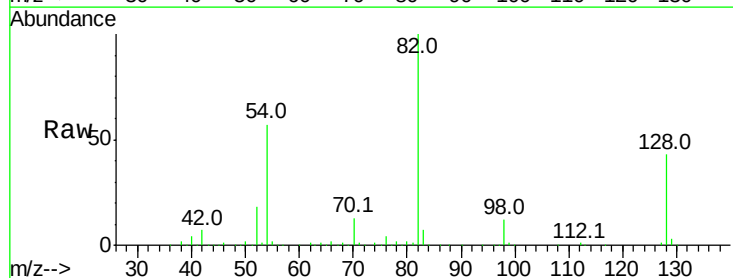
Instrument :
BNA_F
ClientSampleId :

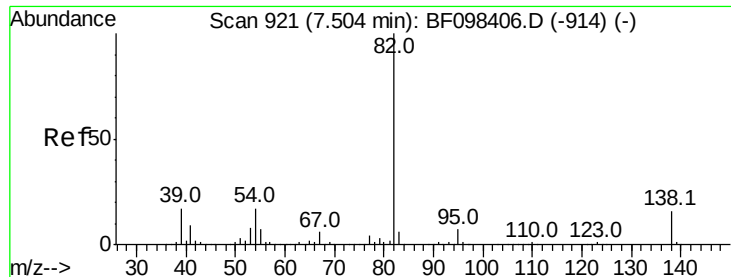
Tot Ion:	136	Resp:	695588
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	8.9	4.9	7.3#
68	6.1	4.1	6.1#



#23
Nitrobenzene-d5
Concen: 50.911 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.02 min
Lab File: BF098512.D
Acq: 14 Sep 2017 1:55

Tgt Ion:	82	Resp:	635212
Ion	Ratio	Lower	Upper
82	100		
128	42.7	34.0	51.0
54	57.2	42.2	63.2





#25

Isophorone

Concen: 24.740 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.28 min

Lab File: BF098512.D

Acq: 14 Sep 2017 1:55

Instrument :

BNA_F

ClientSampled :

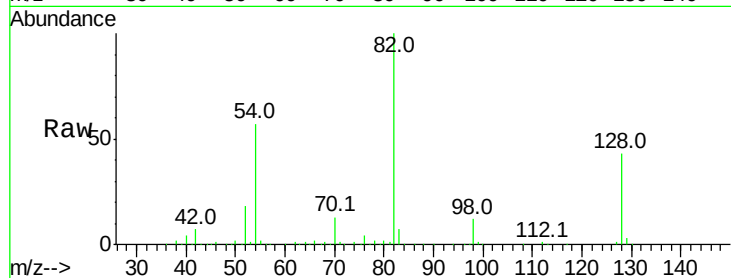
Tot Ion: 82 Resp: 624542

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

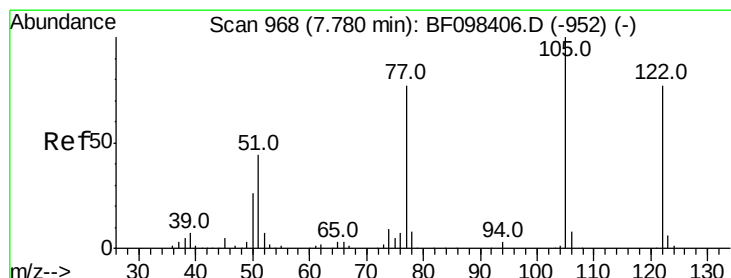
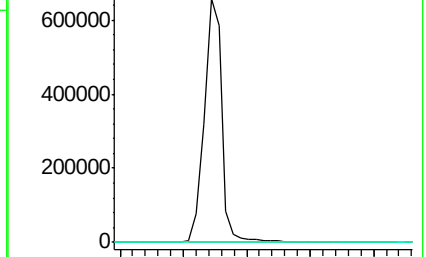
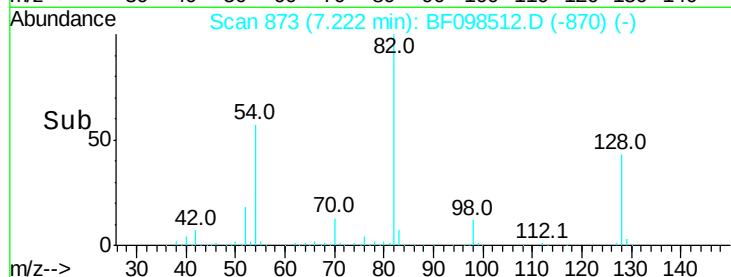
138 0.0 13.1 19.7#



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



#32

Benzoic acid

Concen: 7.982 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.02 min

Lab File: BF098512.D

Acq: 14 Sep 2017 1:55

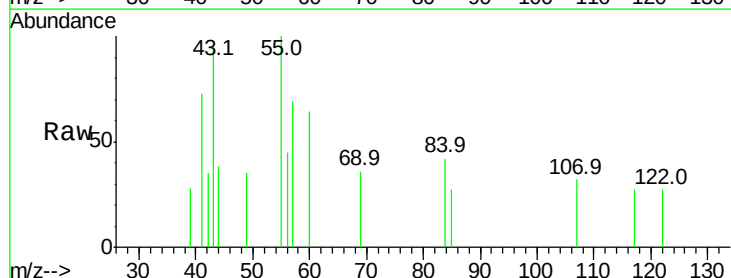
Tgt Ion: 122 Resp: 110

Ion Ratio Lower Upper

122 100

105 0.0 103.3 143.3#

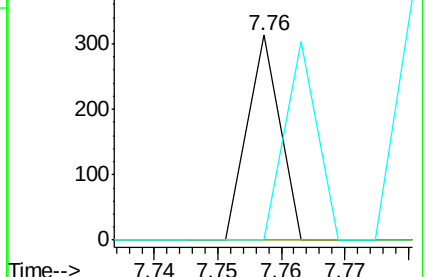
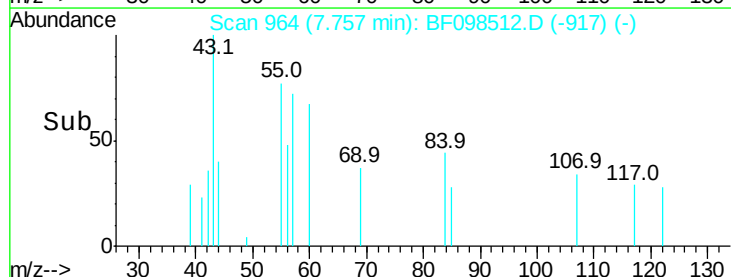
77 0.0 73.7 113.7#

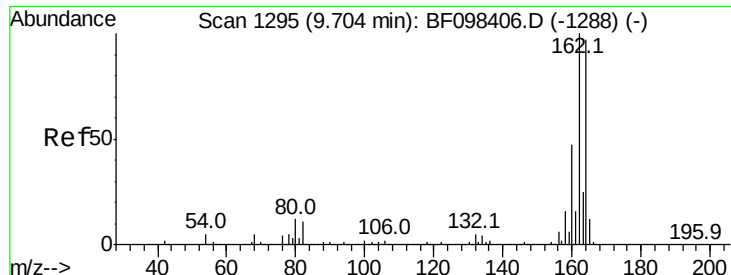


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

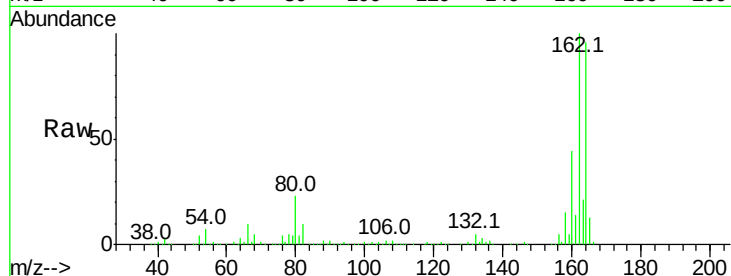




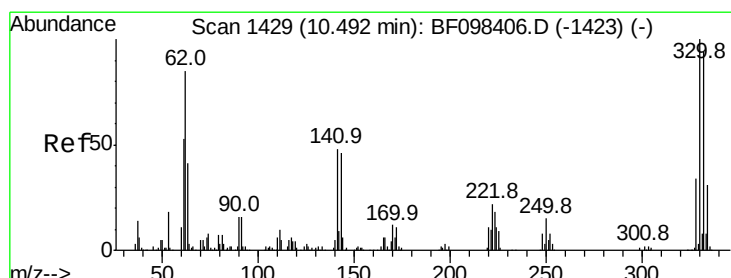
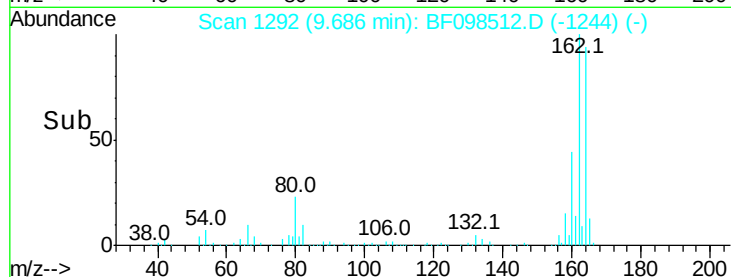
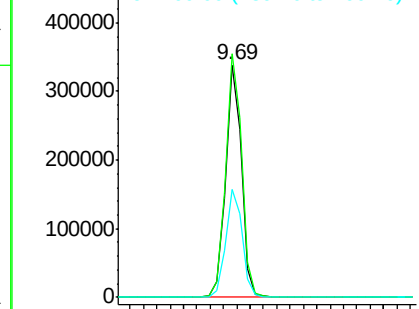
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. -0.02 min
 Lab File: BF098512.D
 Acq: 14 Sep 2017 1:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 284750
 Ion Ratio Lower Upper
 164 100
 162 104.7 82.6 123.8
 160 46.5 36.2 54.2

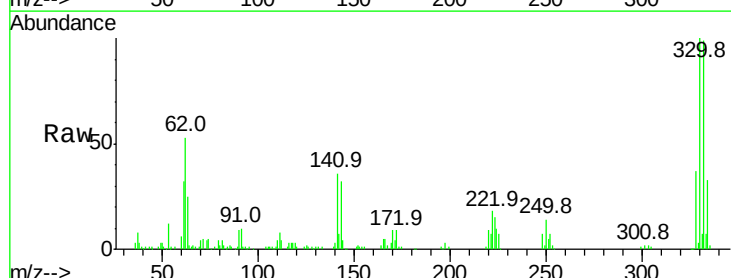


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

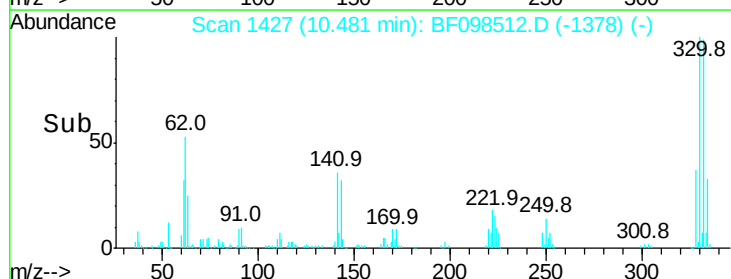
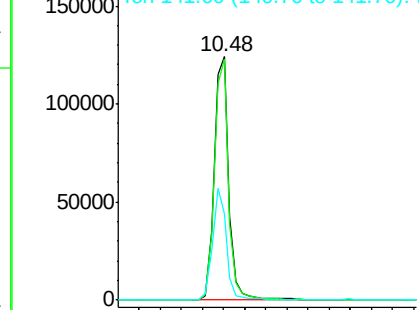


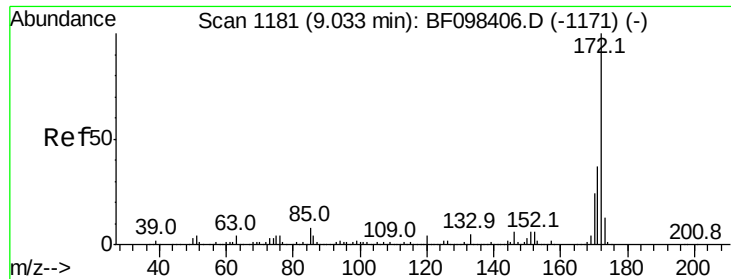
#41
 2,4,6-Tribromophenol
 Concen: 63.563 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF098512.D
 Acq: 14 Sep 2017 1:55

Tgt Ion:330 Resp: 120799
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.6 115.0
 141 43.7 31.4 47.2



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

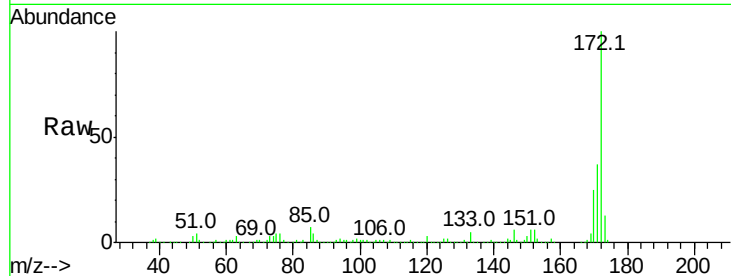




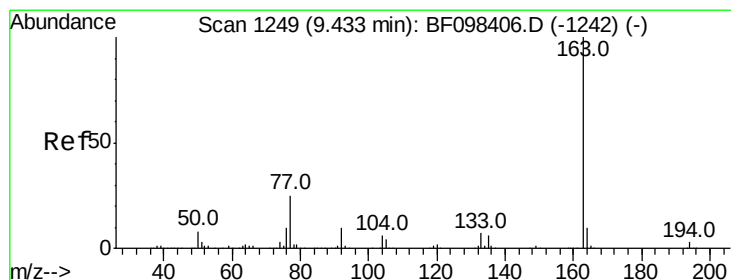
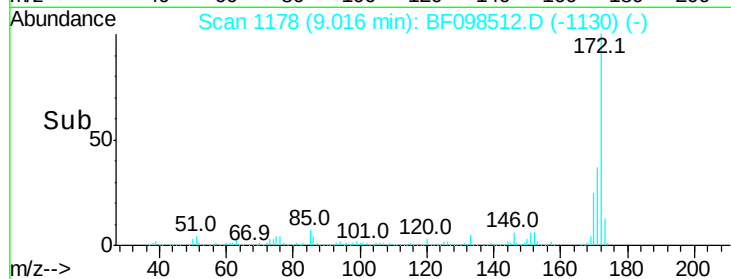
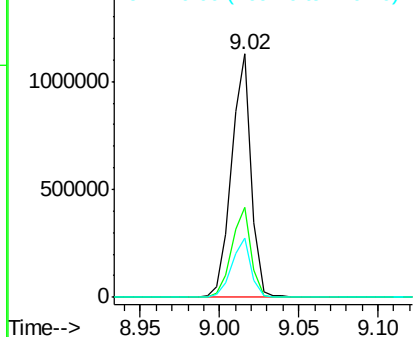
#44
2-Fluorobiphenyl
Concen: 57.628 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.02 min
Lab File: BF098512.D
Acq: 14 Sep 2017 1:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.6	44.4
170	24.5	19.8	29.8

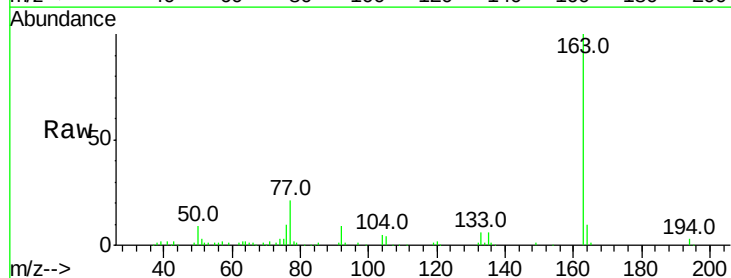


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

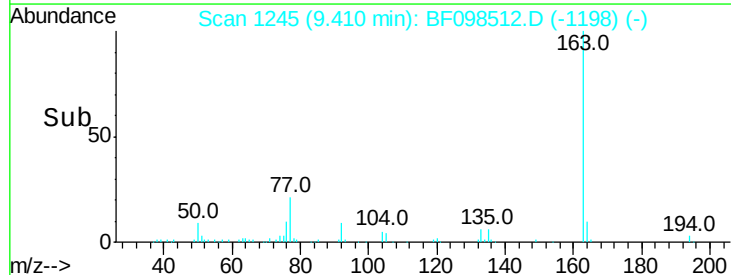
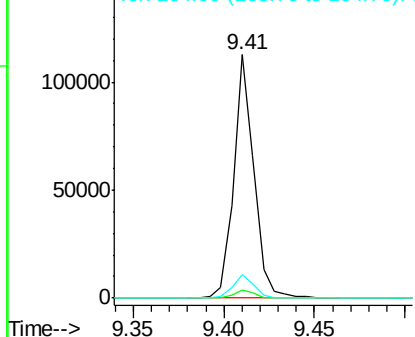


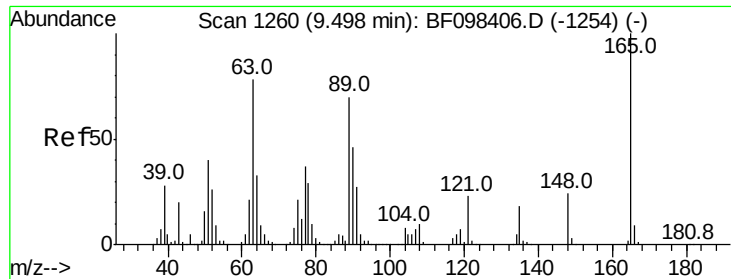
#49
Dimethylphthalate
Concen: 3.960 ng
RT: 9.41 min Scan# 1245
Delta R.T. -0.02 min
Lab File: BF098512.D
Acq: 14 Sep 2017 1:55

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	9.8	8.4	12.6



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

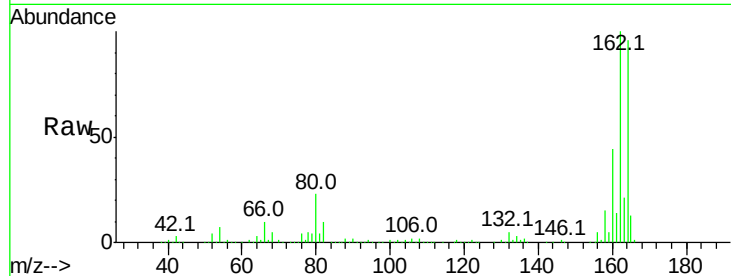




#50
 2,6-Dinitrotoluene
 Concen: 8.190 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. 0.19 min
 Lab File: BF098512.D
 Acq: 14 Sep 2017 1:55

Instrument :
 BNA_F
 ClientSampleId :

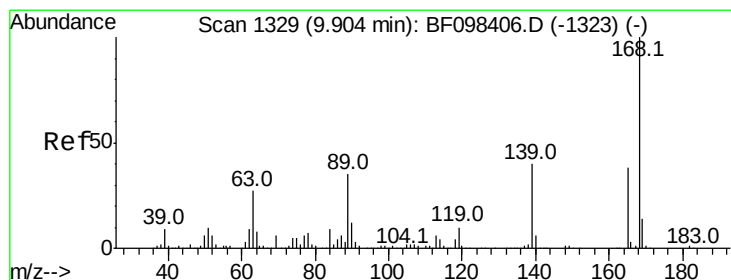
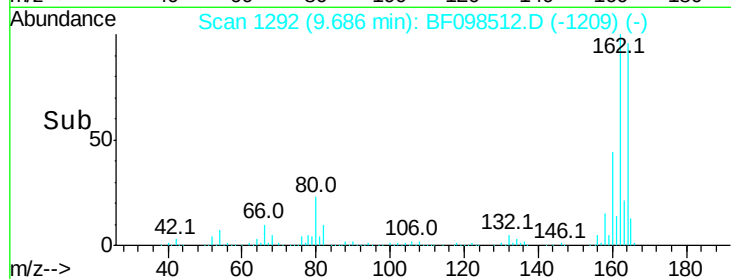
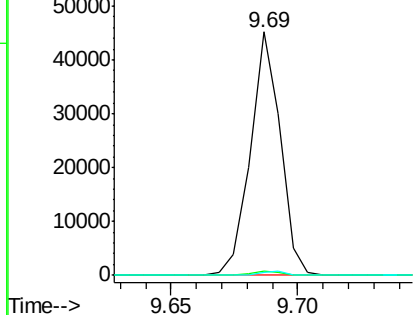
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	34.3	51.5#
89	1.4	37.1	55.7#



Abundance Ion 165.00 (164.70 to 165.70): E

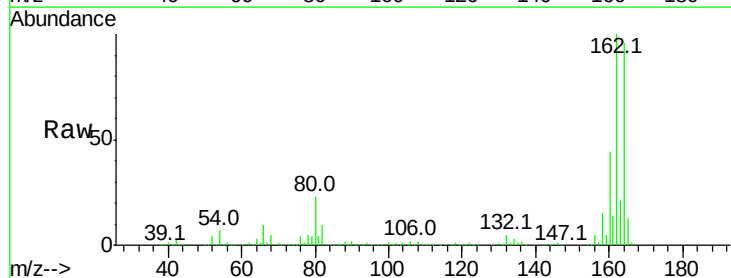
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.737 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. -0.22 min
 Lab File: BF098512.D
 Acq: 14 Sep 2017 1:55

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	25.4	38.0#
89	1.4	46.4	69.6#
182	0.0	1.8	2.6#

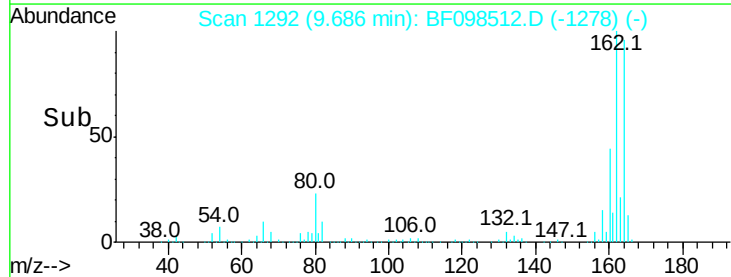
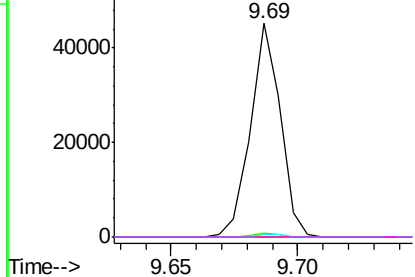


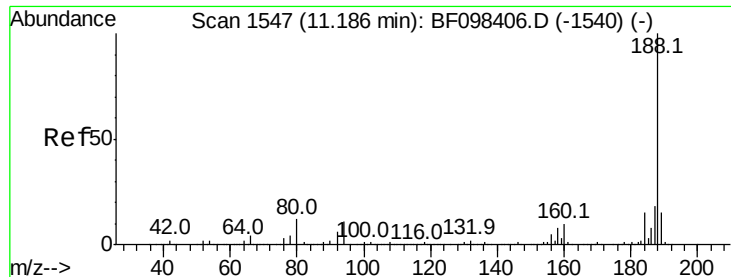
Abundance Ion 165.00 (164.70 to 165.70): E

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

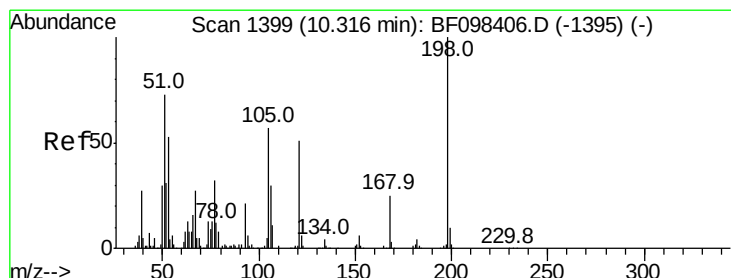
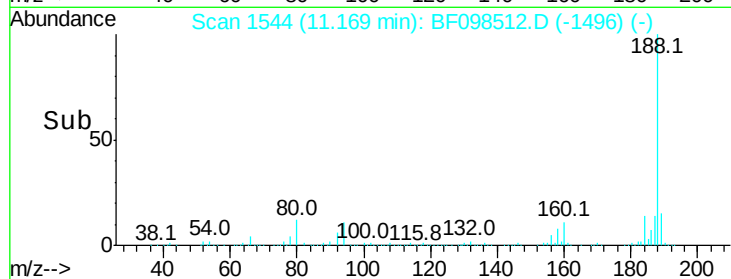
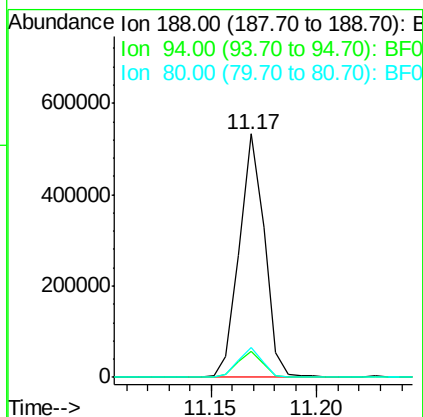
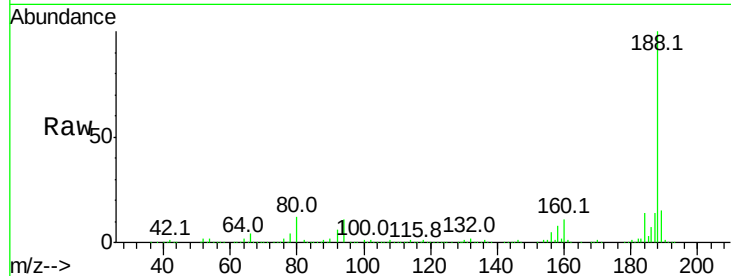




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.17 min Scan# 1544
 Delta R.T. -0.02 min
 Lab File: BF098512.D
 Acq: 14 Sep 2017 1:55

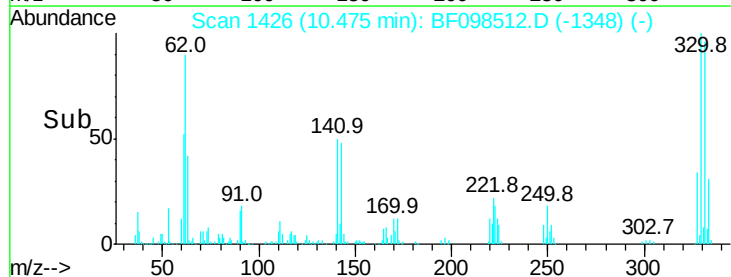
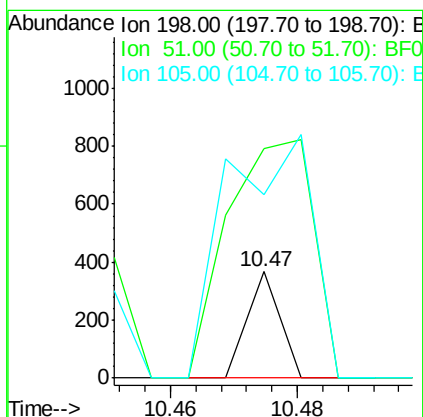
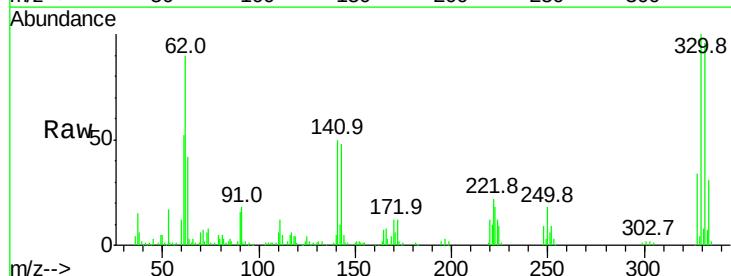
Instrument :
 BNA_F
 ClientSampleId :

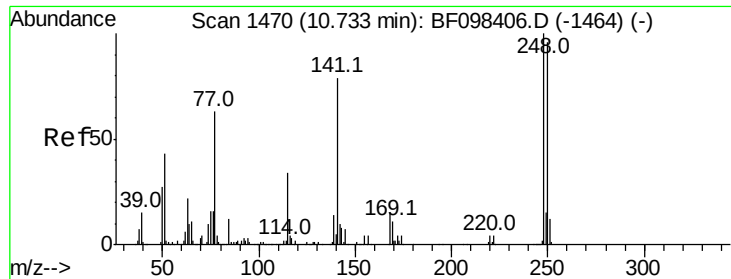
Tot Ion:188 Resp: 440297
 Ion Ratio Lower Upper
 188 100
 94 10.8 9.4 14.2
 80 12.4 10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.007 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.16 min
 Lab File: BF098512.D
 Acq: 14 Sep 2017 1:55

Tgt Ion:198 Resp: 129
 Ion Ratio Lower Upper
 198 100
 51 215.5 53.2 93.2#
 105 172.2 45.8 85.8#

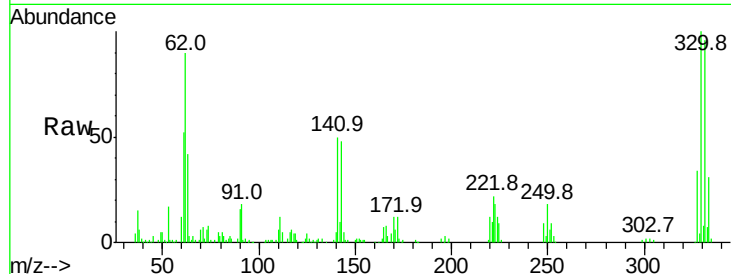




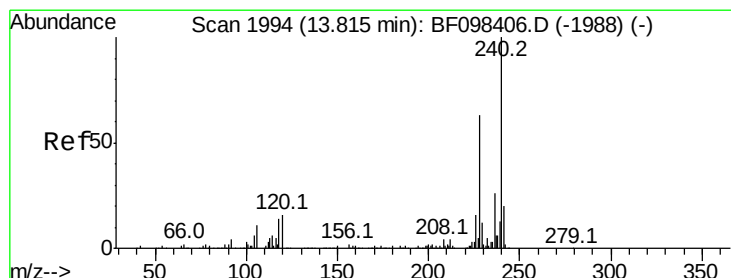
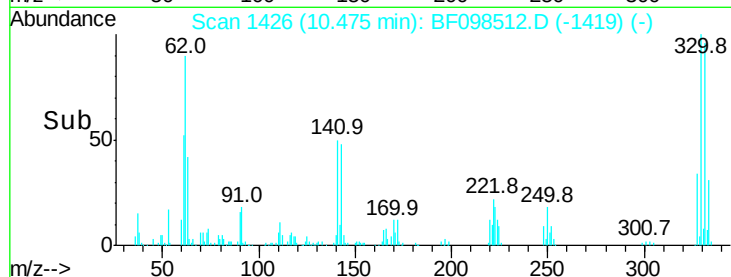
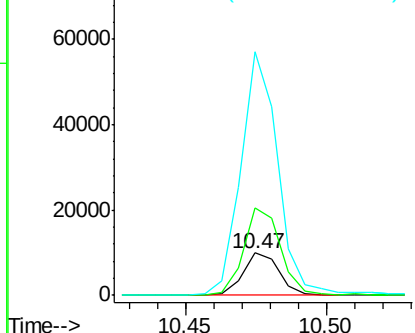
#66
 4-Bromophenyl-phenylether
 Concen: 2.105 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.26 min
 Lab File: BF098512.D
 Acq: 14 Sep 2017 1:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 8796
 Ion Ratio Lower Upper
 248 100
 250 208.2 76.8 115.2#
 141 577.3 68.6 103.0#

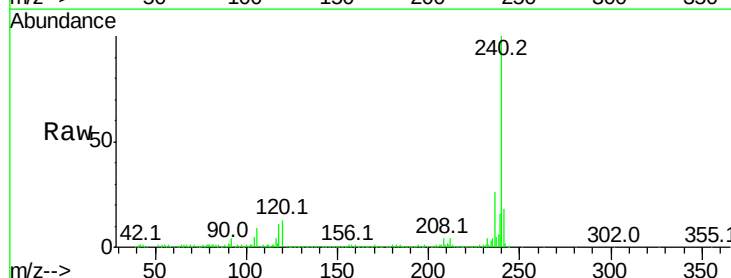


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

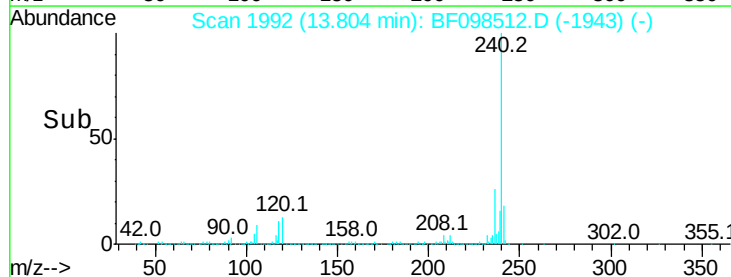
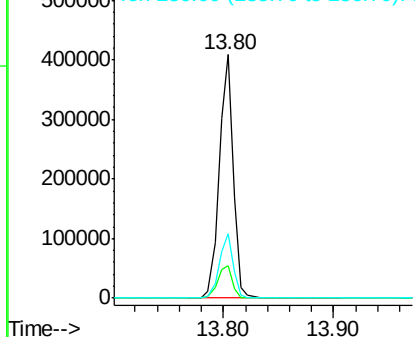


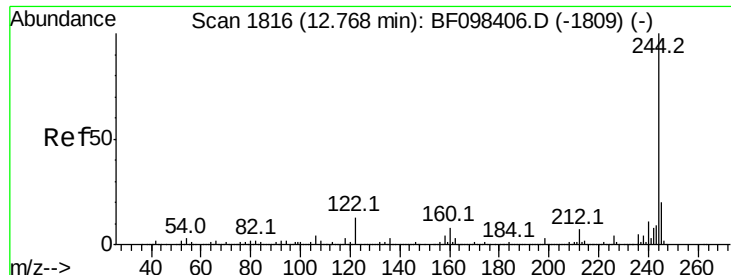
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.80 min Scan# 1992
 Delta R.T. -0.01 min
 Lab File: BF098512.D
 Acq: 14 Sep 2017 1:55

Tgt Ion:240 Resp: 359099
 Ion Ratio Lower Upper
 240 100
 120 13.3 5.8 8.8#
 236 26.3 20.5 30.7



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: 36.876 ng

RT: 12.75 min Scan# 1813

Delta R.T. -0.02 min

Lab File: BF098512.D

Acq: 14 Sep 2017 1:55

Instrument :

BNA_F

ClientSampleId :

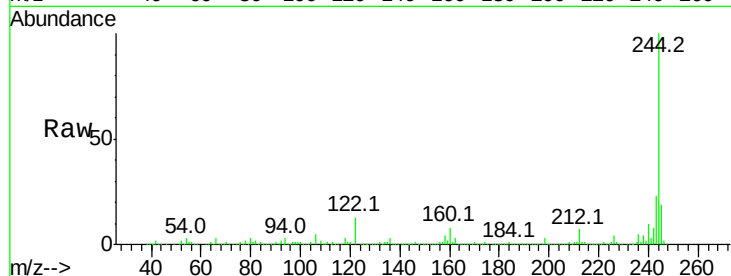
Tot Ion:244 Resp: 613495

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

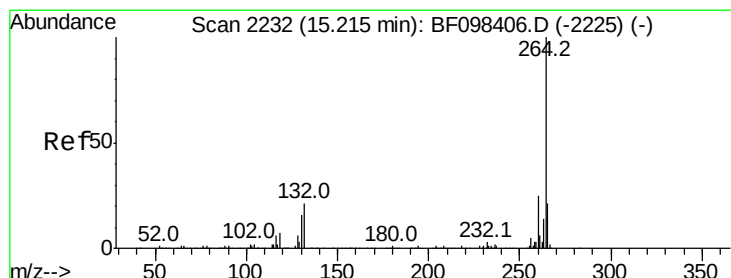
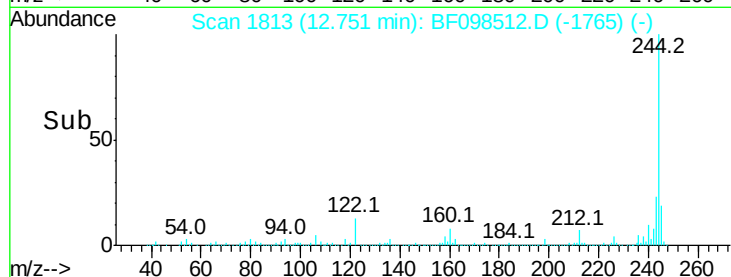
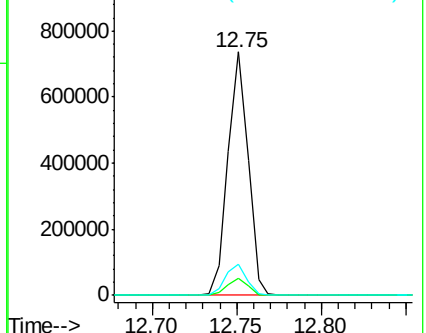
122 12.9 10.3 15.5



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: 15.20 min Scan# 2230

Delta R.T. -0.01 min

Lab File: BF098512.D

Acq: 14 Sep 2017 1:55

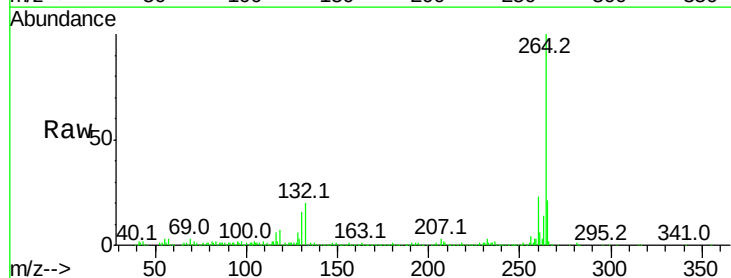
Tgt Ion:264 Resp: 306348

Ion Ratio Lower Upper

264 100

260 23.5 19.5 29.3

265 21.4 17.2 25.8



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

