

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101717\
 Data File : BF099591.D
 Acq On : 17 Oct 2017 19:56
 Operator : SJ/JU
 Sample : I5869-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 17 22:53:45 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 17:32:20 2017
 Response via : Initial Calibration

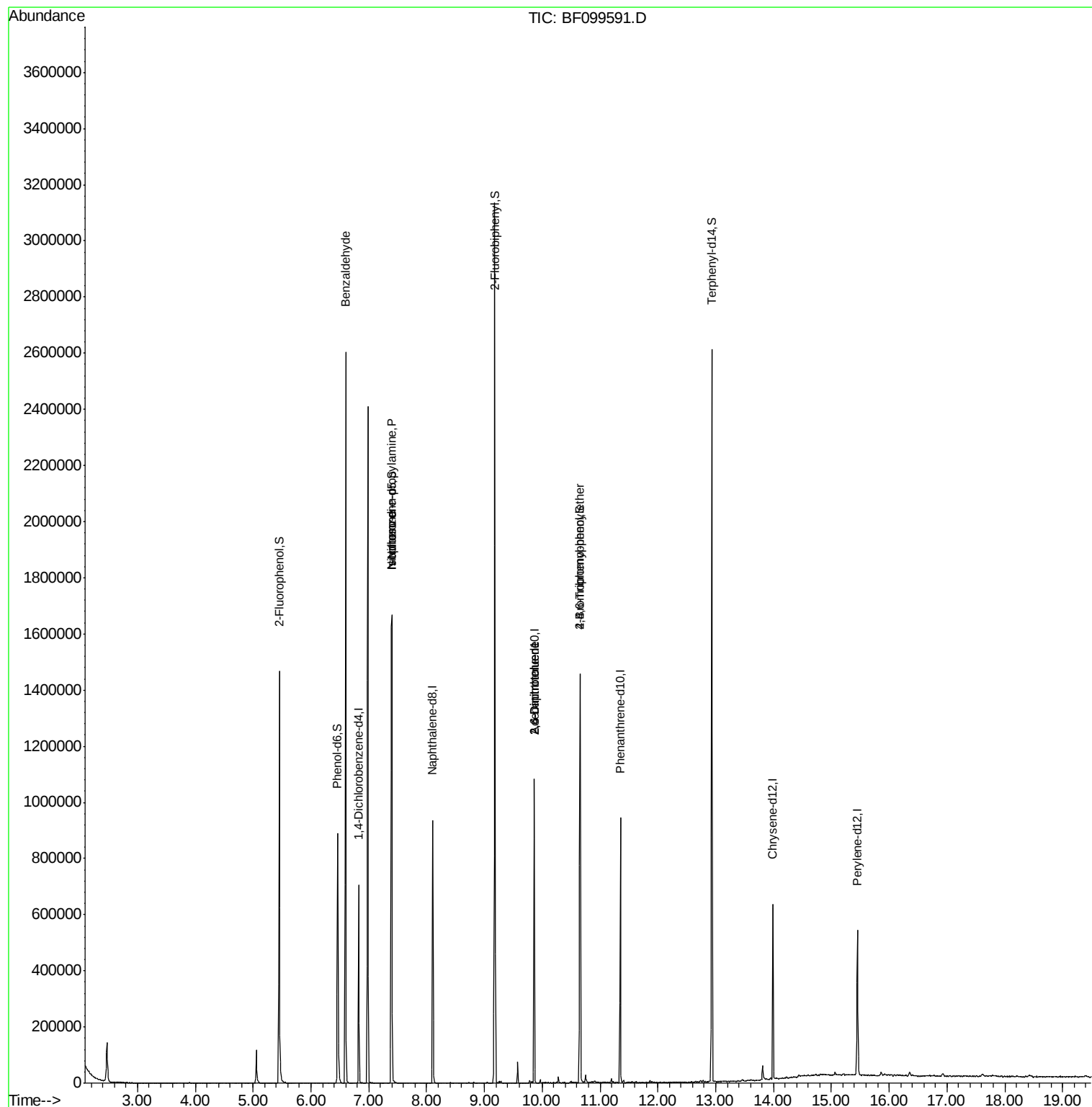
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	114545	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	471535	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	208486	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	345527	20.00	ng	0.00
75) Chrysene-d12	13.99	240	215302	20.00	ng	0.00
86) Perylene-d12	15.45	264	218345	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	463109	64.36	ng	0.00
7) Phenol-d6	6.46	99	345868	38.96	ng	-0.01
23) Nitrobenzene-d5	7.40	82	681762	92.72	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	193892	113.65	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1221059	97.77	ng	0.00
78) Terphenyl-d14	12.93	244	845090	89.27	ng	0.00
Target Compounds						
9) Benzaldehyde	6.60	77	14685	2.85	ng	Qvalue 88
19) n-Nitroso-di-n-propylamine	7.39	70	86156	15.20	ng	# 71
25) Isophorone	7.40	82	681757	44.85	ng	# 64
50) 2,6-Dinitrotoluene	9.86	165	27036	7.89	ng	# 26
56) 2,4-Dinitrotoluene	9.86	165	27036	6.08	ng	# 23
66) 4-Bromophenyl-phenylether	10.66	248	13052	3.86	ng	# 1

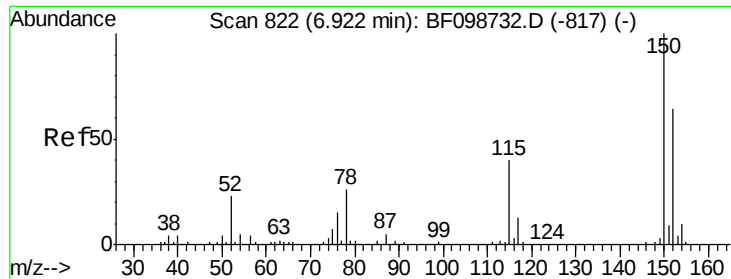
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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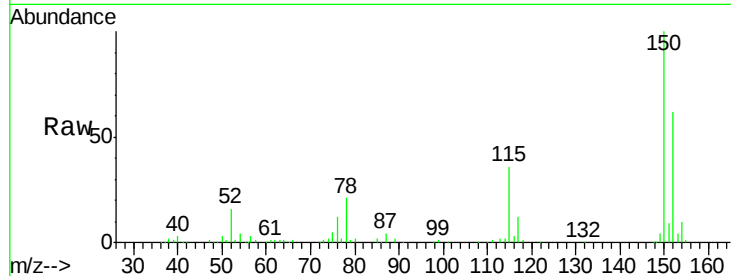


#1

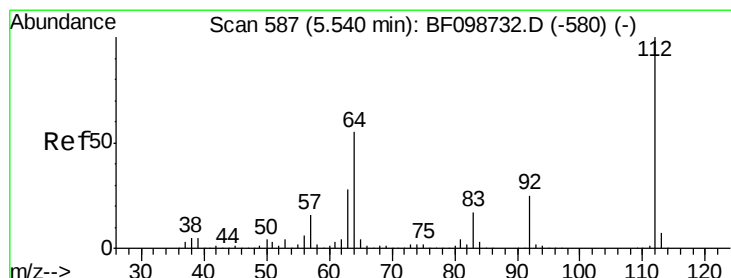
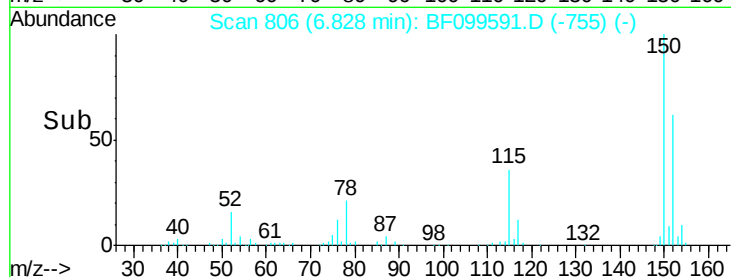
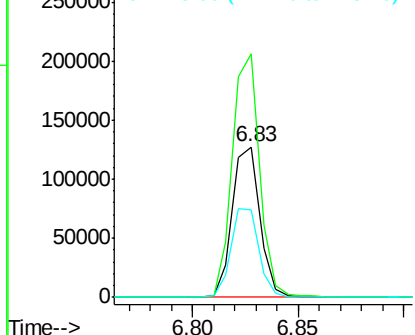
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF099591.D
Acq: 17 Oct 2017 19:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 114545
Ion Ratio Lower Upper
152 100
150 161.5 124.6 186.8
115 58.3 50.1 75.1



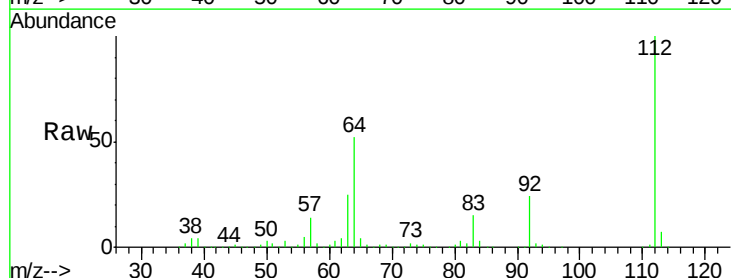
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



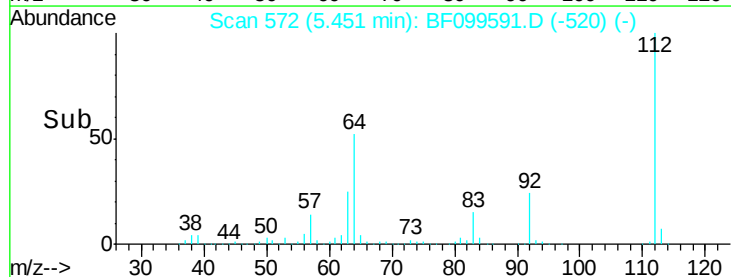
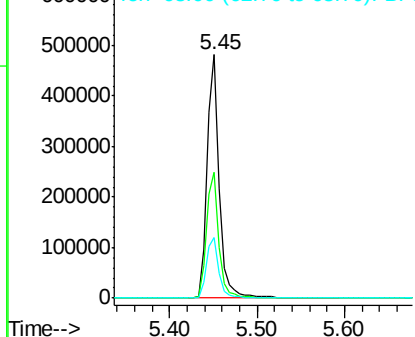
#5

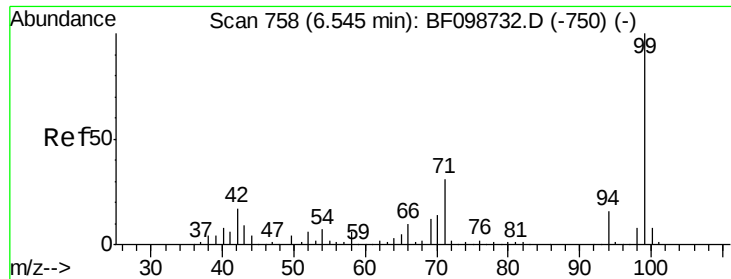
2-Fluorophenol
Concen: 64.36 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF099591.D
Acq: 17 Oct 2017 19:56

Tgt Ion:112 Resp: 463109
Ion Ratio Lower Upper
112 100
64 51.6 47.9 71.9
63 24.7 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: 38.96 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF099591.D

Acq: 17 Oct 2017 19:56

Instrument :

BNA_F

ClientSampleId :

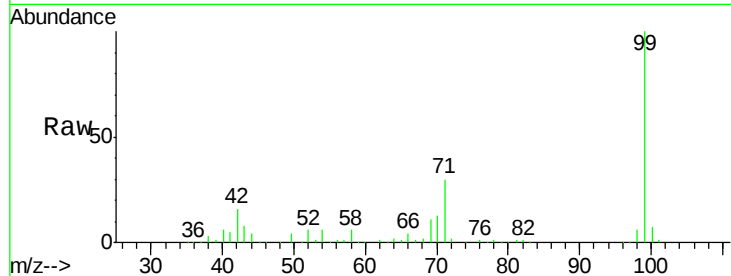
Tot Ion: 99 Resp: 345868

Ion Ratio Lower Upper

99 100

42 15.5 14.5 21.7

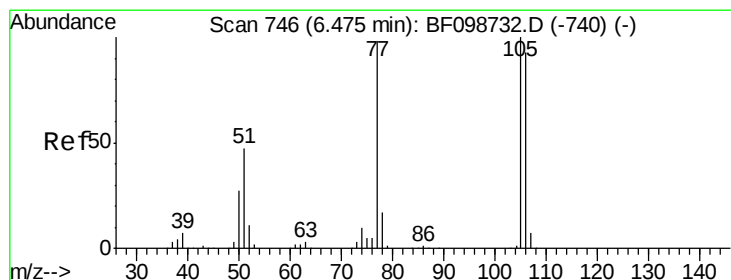
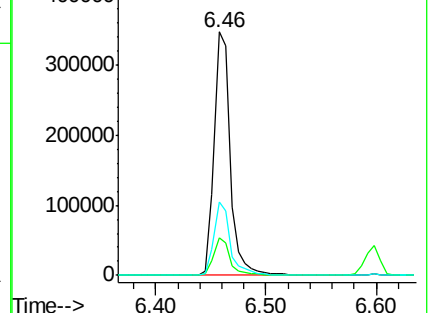
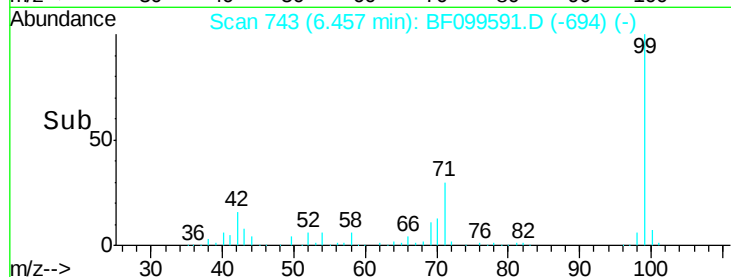
71 30.3 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.85 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.21 min

Lab File: BF099591.D

Acq: 17 Oct 2017 19:56

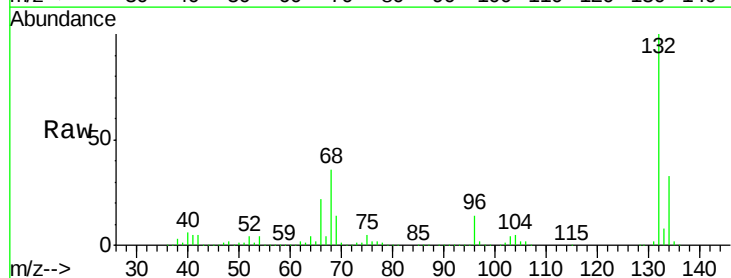
Tgt Ion: 77 Resp: 14685

Ion Ratio Lower Upper

77 100

105 83.2 81.1 121.1

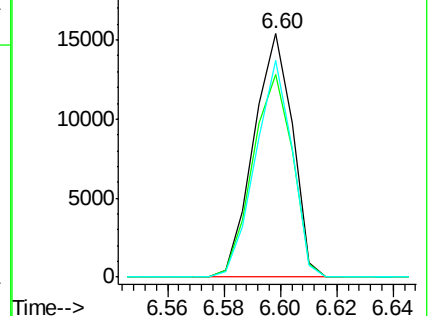
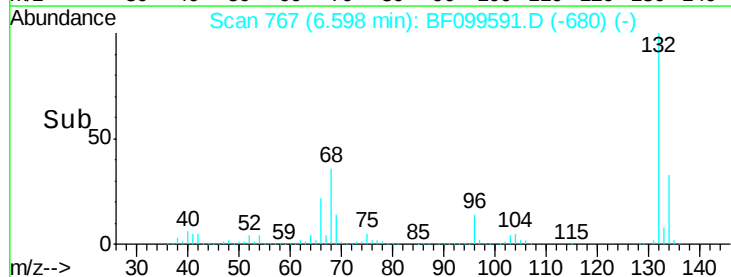
106 89.1 74.5 114.5

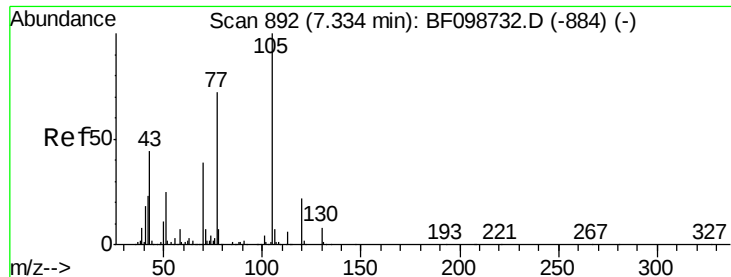


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

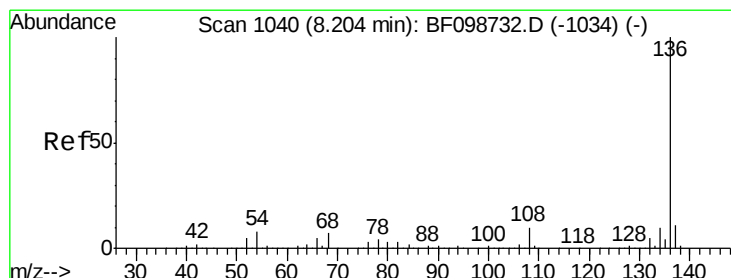
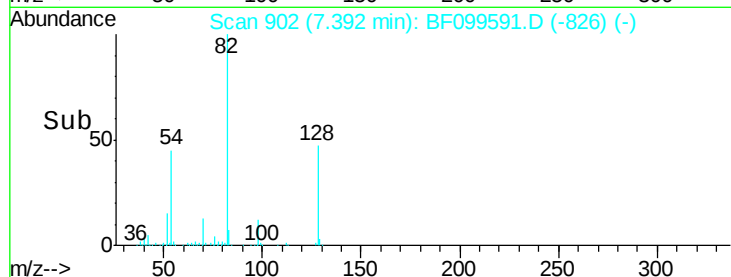
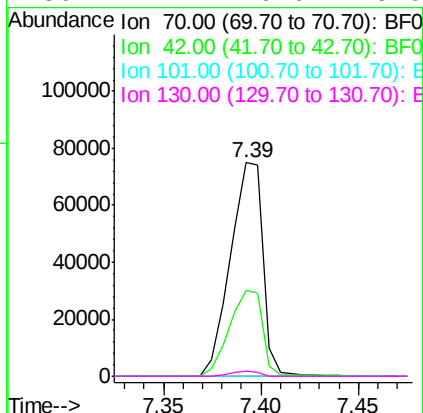
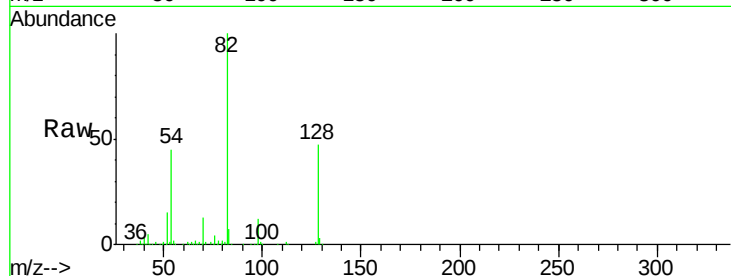




#19
 n-Nitroso-di-n-propylamine
 Concen: 15.20 ng
 RT: 7.39 min Scan# 902
 Delta R.T. 0.15 min
 Lab File: BF099591.D
 Acq: 17 Oct 2017 19:56

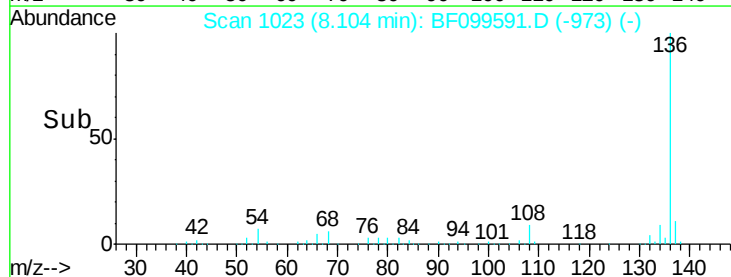
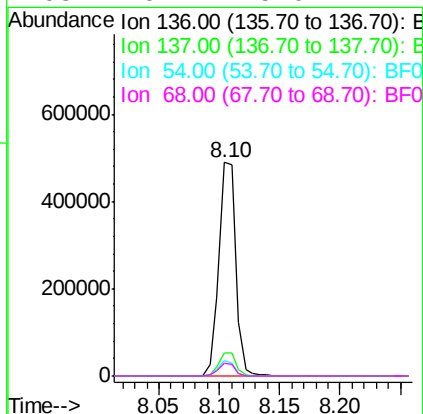
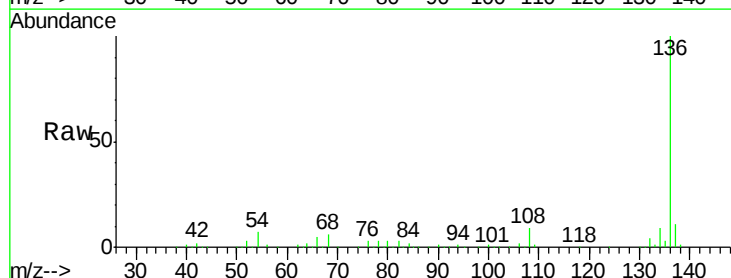
Instrument :
 BNA_F
 ClientSampleId :

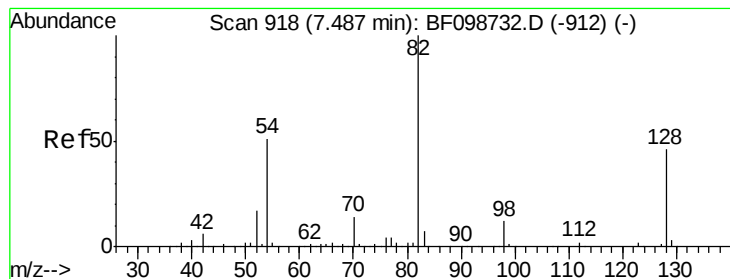
Tot Ion: 70 Resp: 86156
 Ion Ratio Lower Upper
 70 100
 42 39.9 47.5 71.3#
 101 0.0 7.4 11.2#
 130 2.4 16.6 25.0#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. -0.01 min
 Lab File: BF099591.D
 Acq: 17 Oct 2017 19:56

Tgt Ion: 136 Resp: 471535
 Ion Ratio Lower Upper
 136 100
 137 11.1 8.9 13.3
 54 7.4 6.6 9.8
 68 6.2 5.0 7.4





#23

Nitrobenzene-d5

Concen: 92.72 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.00 min

Lab File: BF099591.D

Acq: 17 Oct 2017 19:56

Instrument :

BNA_F

ClientSampleId :

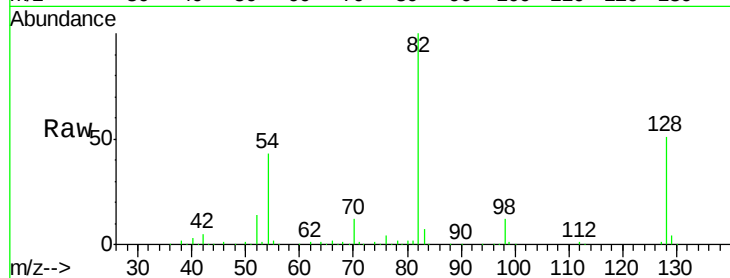
Tot Ion: 82 Resp: 681762

Ion Ratio Lower Upper

82 100

128 51.1 36.1 54.1

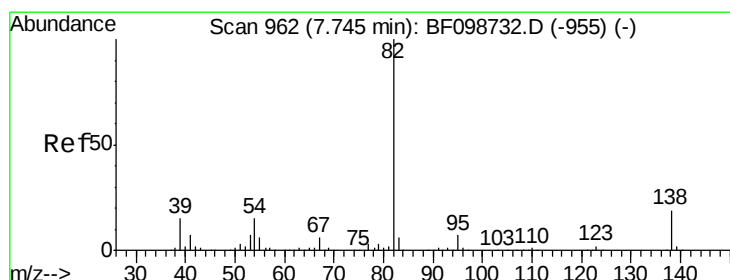
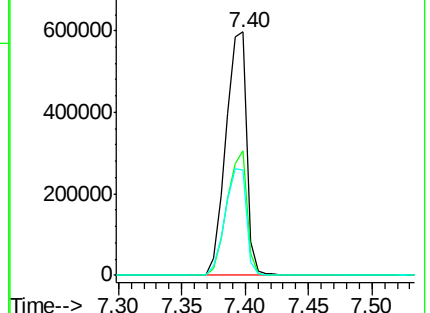
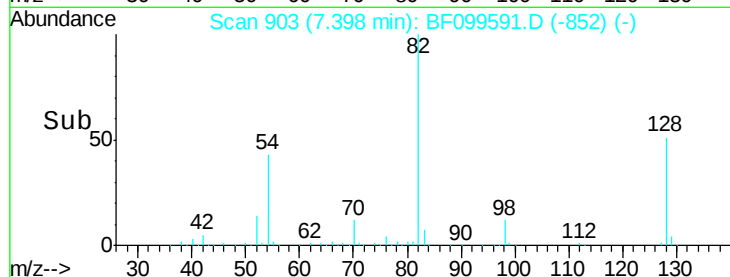
54 43.1 41.4 62.2



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: 44.85 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.25 min

Lab File: BF099591.D

Acq: 17 Oct 2017 19:56

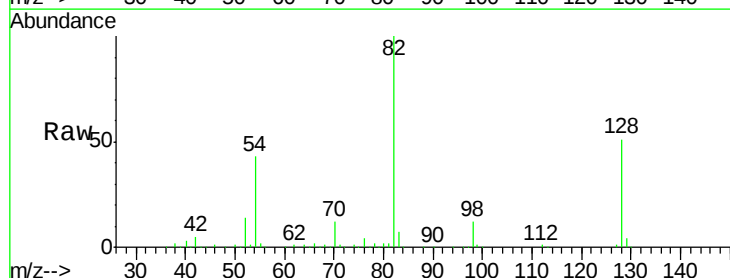
Tgt Ion: 82 Resp: 681757

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

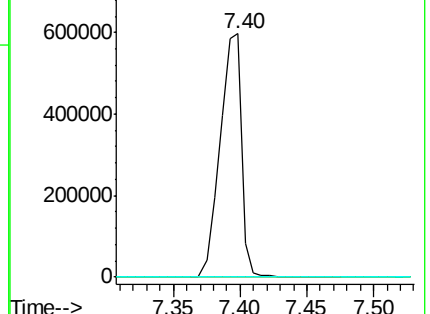
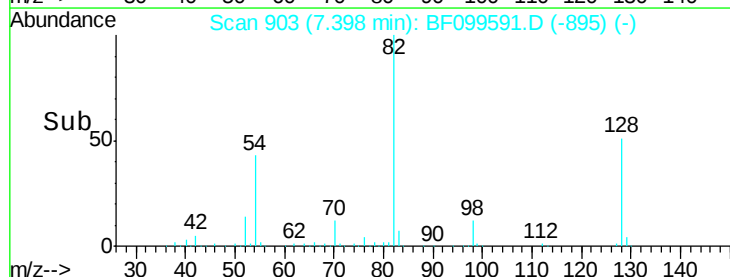
138 0.0 14.9 22.3#

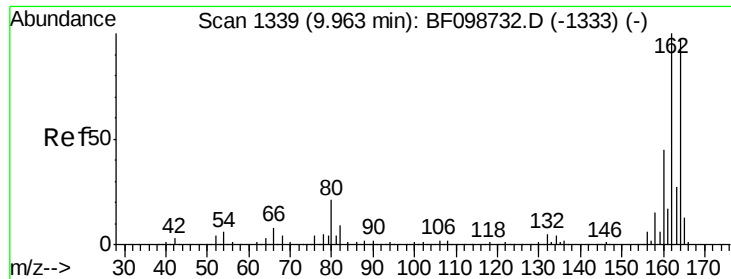


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

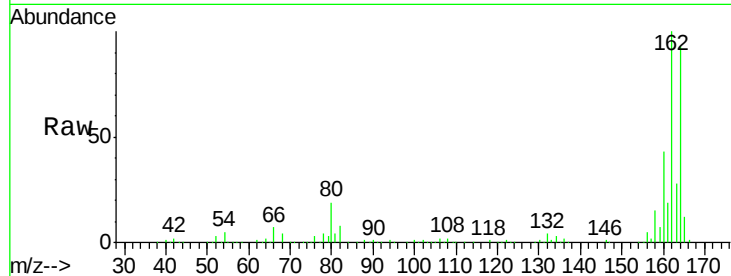




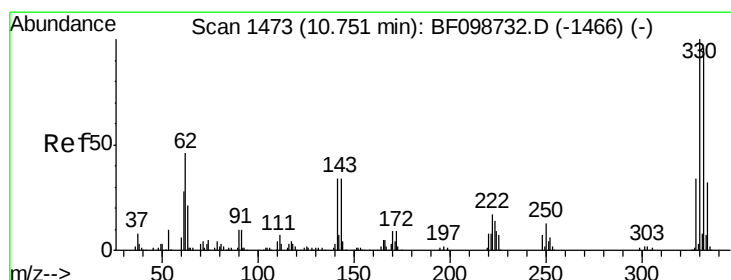
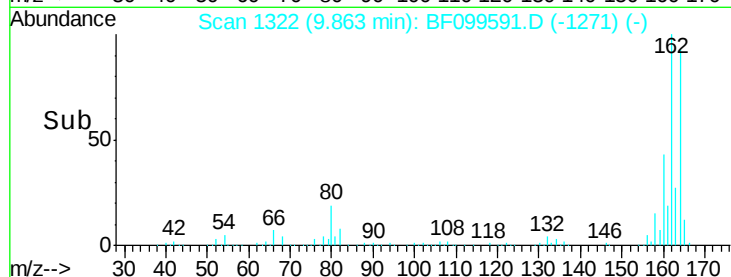
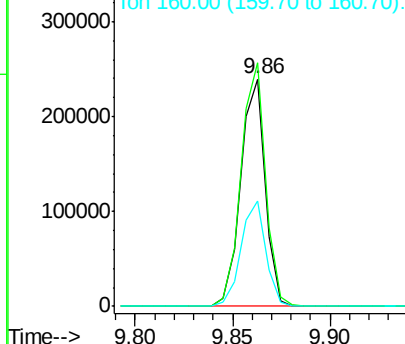
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BF099591.D
Acq: 17 Oct 2017 19:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 208486
Ion Ratio Lower Upper
164 100
162 107.1 86.1 129.1
160 46.5 38.3 57.5

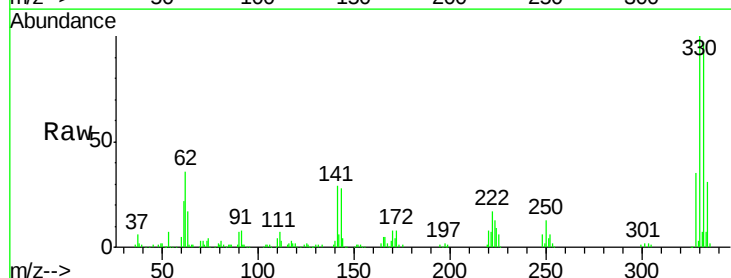


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

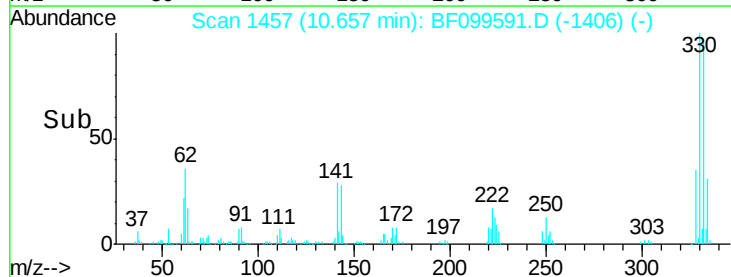
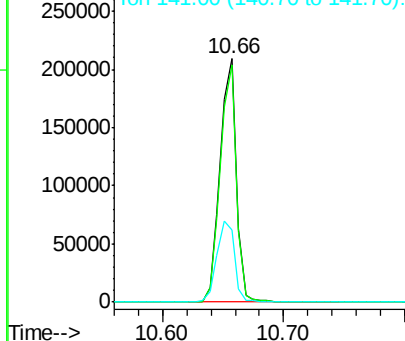


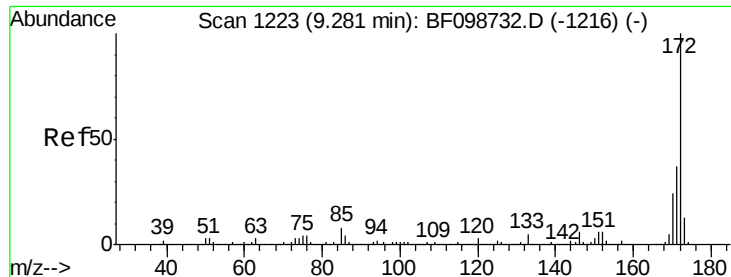
#41
2,4,6-Tribromophenol
Concen: 113.65 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.00 min
Lab File: BF099591.D
Acq: 17 Oct 2017 19:56

Tgt Ion:330 Resp: 193892
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.6
141 36.0 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

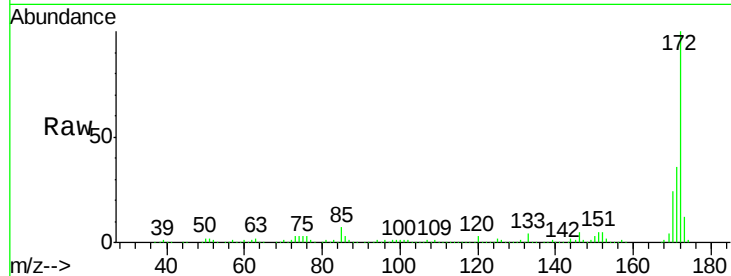




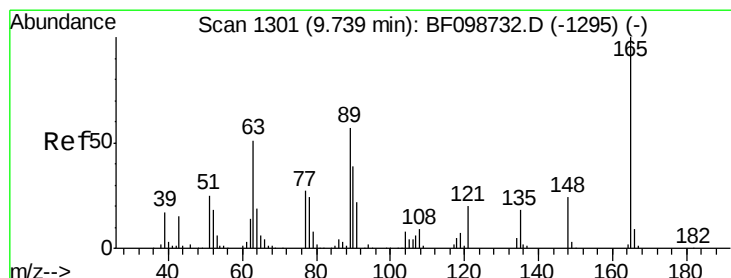
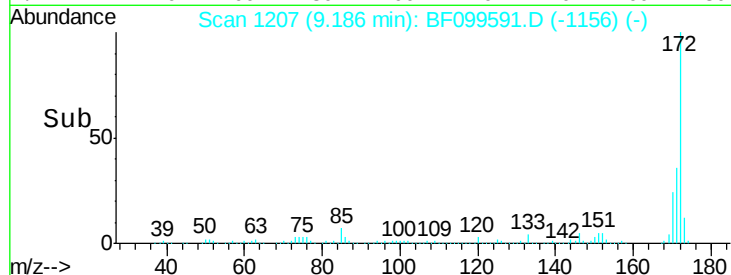
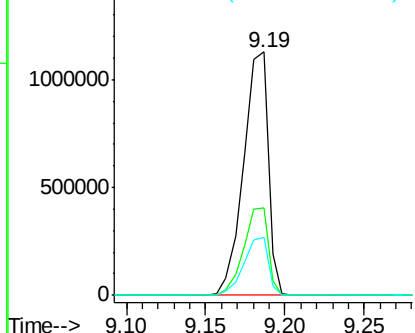
#44
 2-Fluorobiphenyl
 Concen: 97.77 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.00 min
 Lab File: BF099591.D
 Acq: 17 Oct 2017 19:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1221059
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 24.1 19.6 29.4

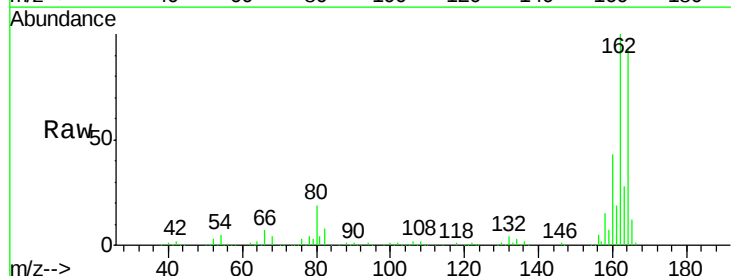


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

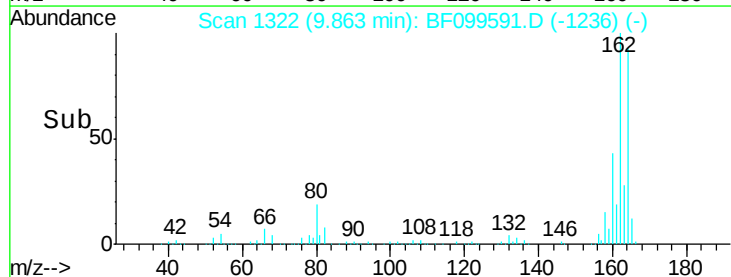
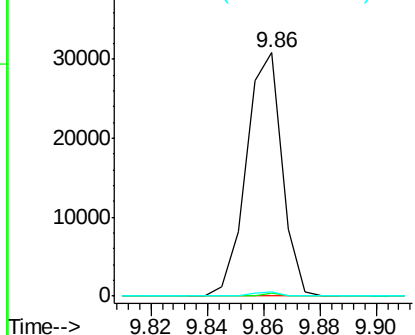


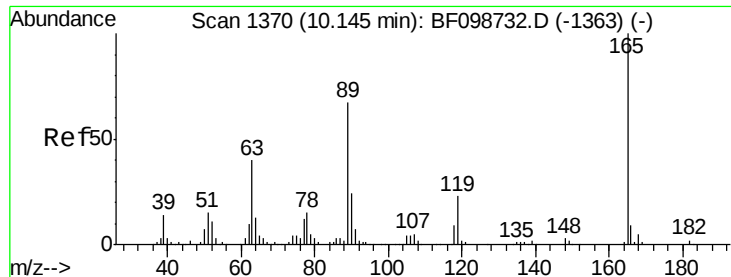
#50
 2,6-Dinitrotoluene
 Concen: 7.89 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. 0.21 min
 Lab File: BF099591.D
 Acq: 17 Oct 2017 19:56

Tgt Ion:165 Resp: 27036
 Ion Ratio Lower Upper
 165 100
 63 1.2 44.7 67.1#
 89 1.8 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

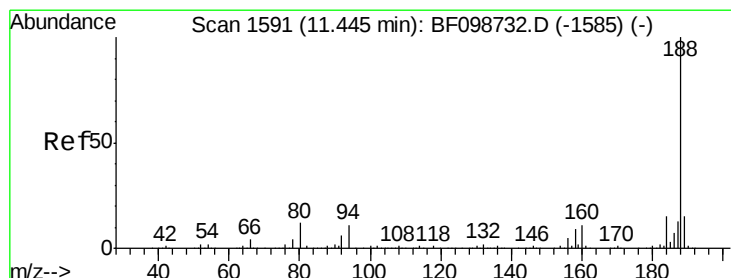
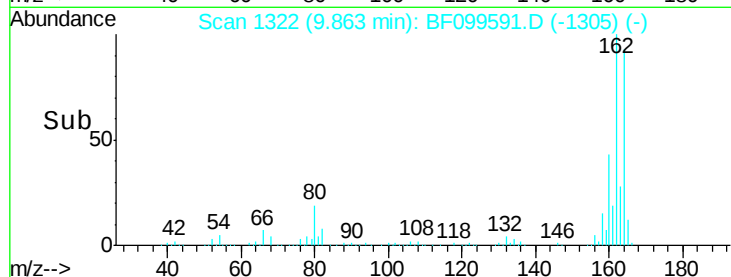
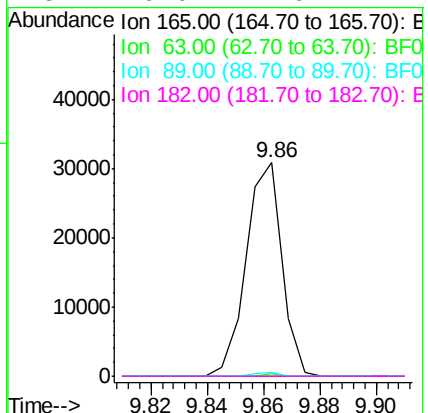
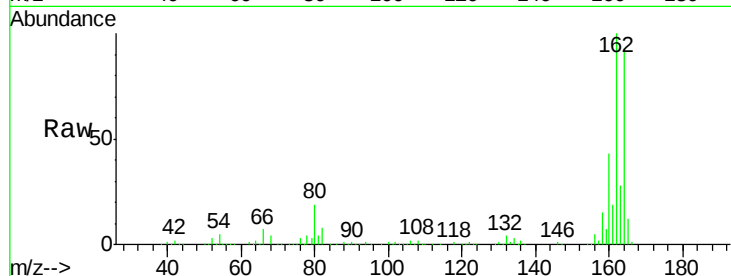




#56
 2,4-Dinitrotoluene
 Concen: 6.08 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.20 min
 Lab File: BF099591.D
 Acq: 17 Oct 2017 19:56

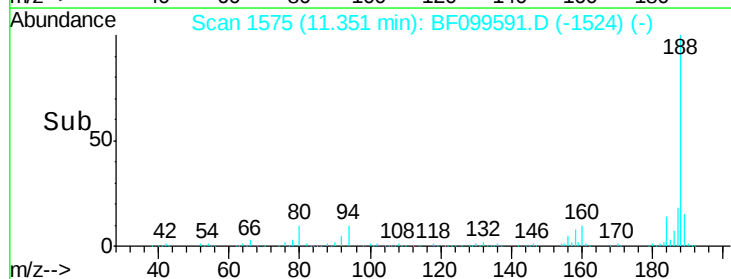
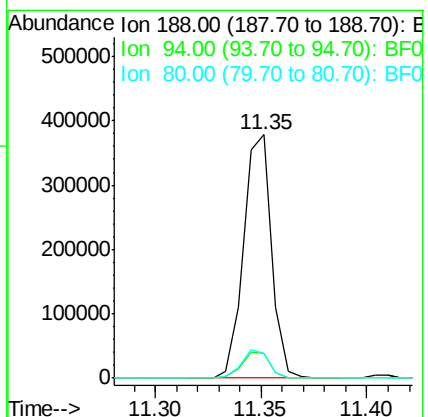
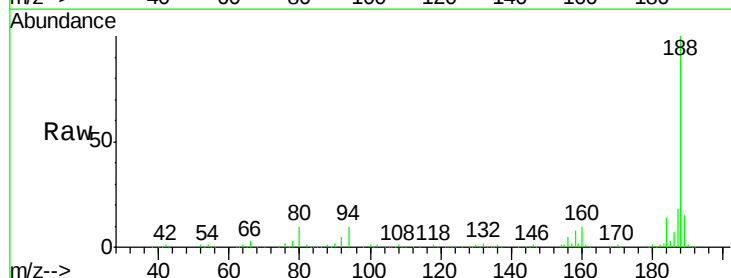
Instrument :
 BNA_F
 ClientSampleId :

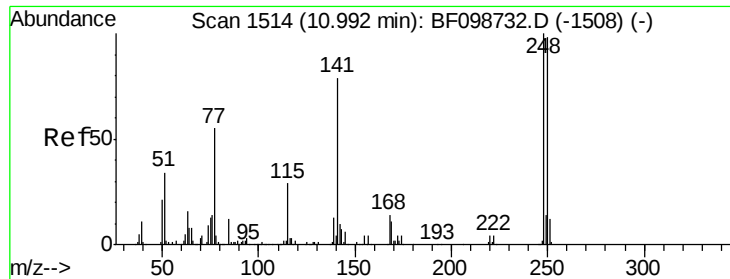
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. -0.00 min
 Lab File: BF099591.D
 Acq: 17 Oct 2017 19:56

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	9.9	9.2	13.8

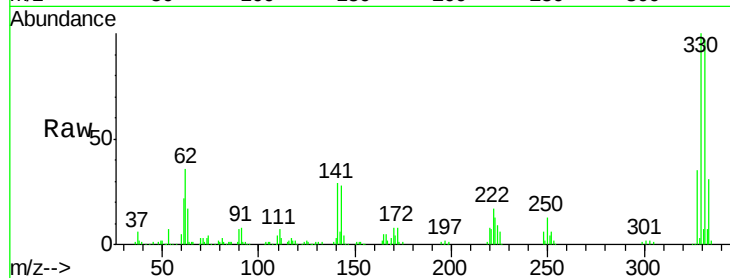




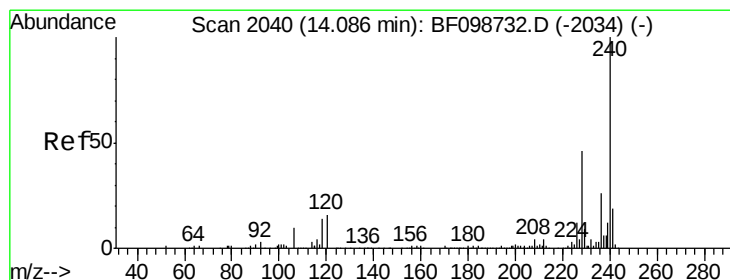
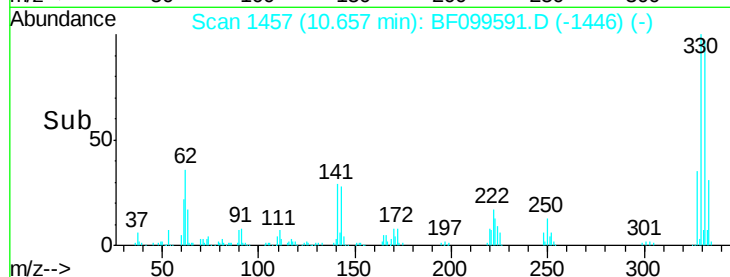
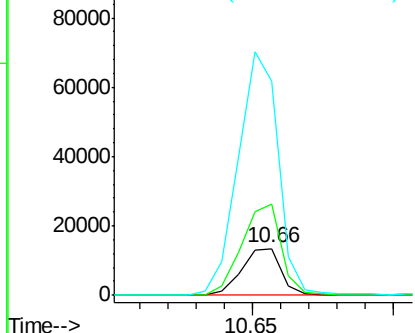
#66
 4-Bromophenyl-phenylether
 Concen: 3.86 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.24 min
 Lab File: BF099591.D
 Acq: 17 Oct 2017 19:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 13052
 Ion Ratio Lower Upper
 248 100
 250 196.3 76.9 115.3#
 141 460.3 74.4 111.6#

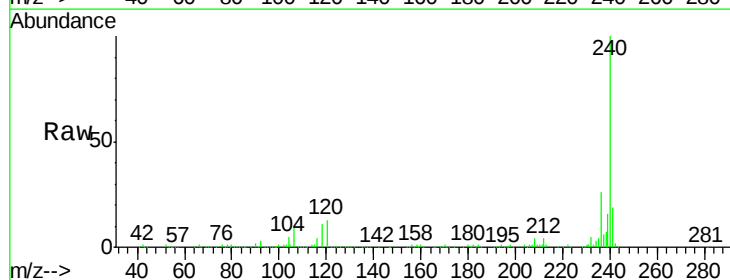


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

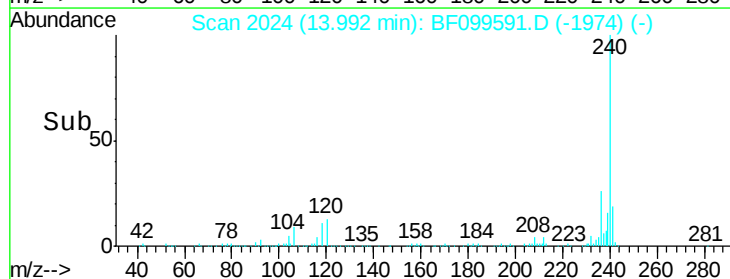
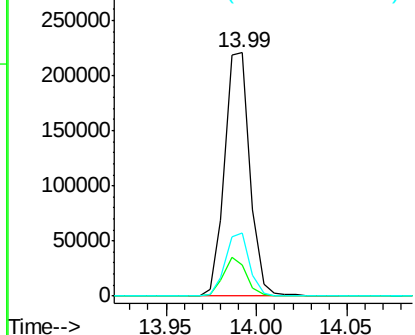


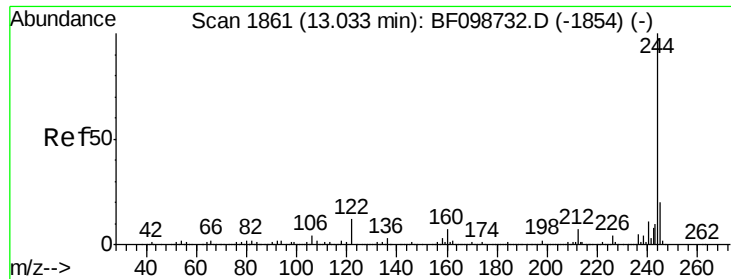
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF099591.D
 Acq: 17 Oct 2017 19:56

Tgt Ion:240 Resp: 215302
 Ion Ratio Lower Upper
 240 100
 120 12.9 9.5 14.3
 236 25.7 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

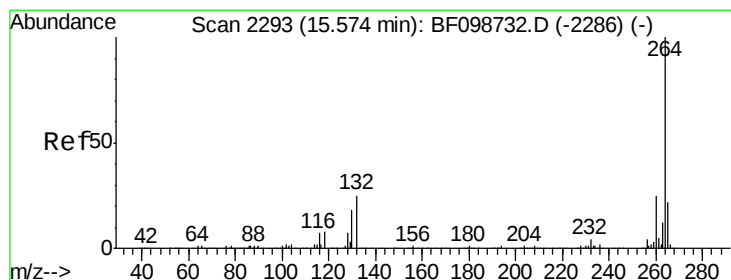
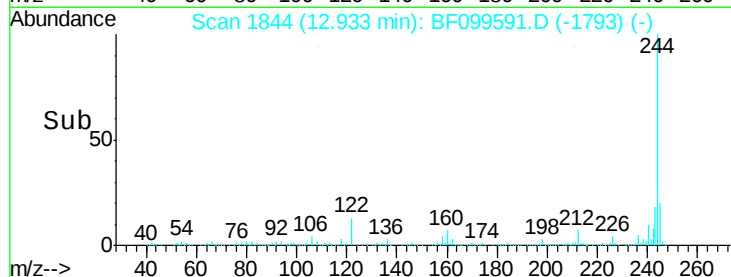
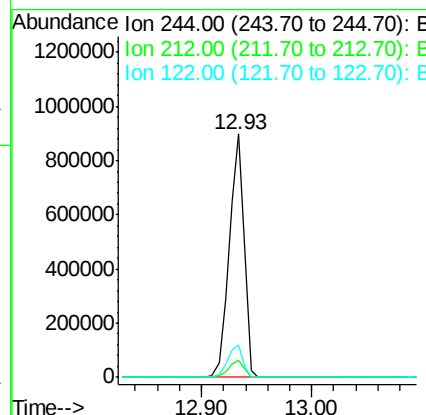
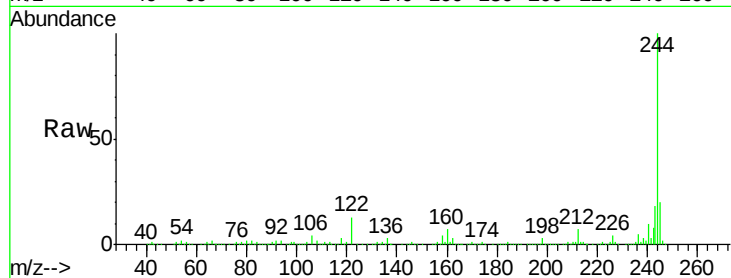




#78
 Terphenyl-d14
 Concen: 89.27 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.00 min
 Lab File: BF099591.D
 Acq: 17 Oct 2017 19:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 845090
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 13.4 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: BF099591.D
 Acq: 17 Oct 2017 19:56

Tgt Ion:264 Resp: 218345
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 22.2 17.5 26.3

