

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110317\
 Data File : BF100134.D
 Acq On : 3 Nov 2017 15:07
 Operator : SJ/JU
 Sample : I6258-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 03 15:47:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 15:46:10 2017
 Response via : Initial Calibration

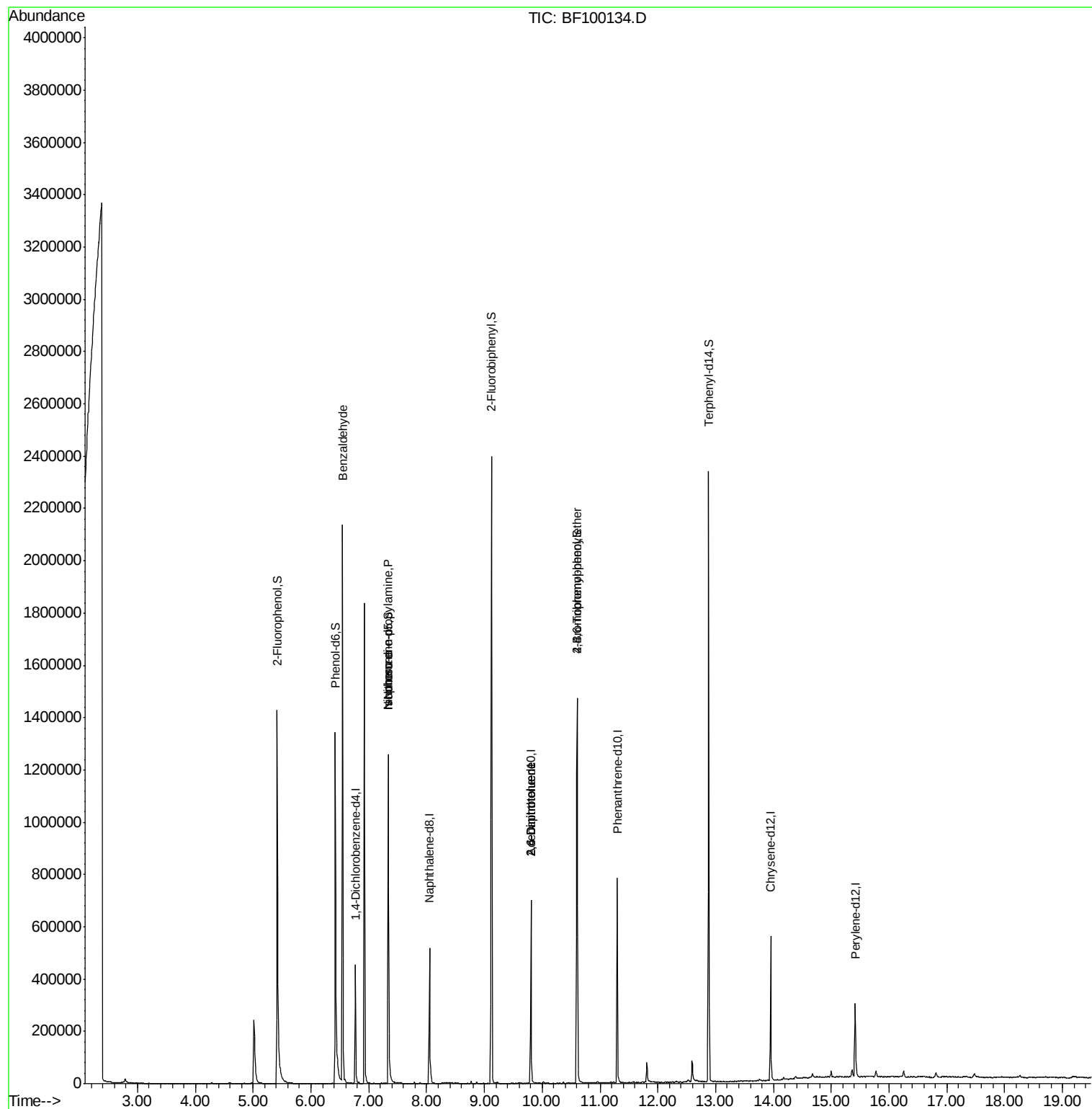
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	77335	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	318011	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	154534	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	287062	20.00	ng	0.00
75) Chrysene-d12	13.95	240	200452	20.00	ng	0.00
86) Perylene-d12	15.41	264	136937	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	617097	125.28	ng	0.02
7) Phenol-d6	6.42	99	644107	110.28	ng	0.00
23) Nitrobenzene-d5	7.34	82	477160	96.60	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	205675	146.05	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	999237	99.76	ng	0.00
78) Terphenyl-d14	12.88	244	919536	100.25	ng	0.00
Target Compounds						
9) Benzaldehyde	6.55	77	11819	3.386	ng	85
19) n-Nitroso-di-n-propylamine	7.34	70	59071	17.258	ng	# 70
25) Isophorone	7.34	82	477156	53.235	ng	# 64
50) 2,6-Dinitrotoluene	9.80	165	19408	7.544	ng	# 24
56) 2,4-Dinitrotoluene	9.80	165	19408	6.264	ng	# 21
66) 4-Bromophenyl-phenylether	10.60	248	13107	4.337	ng	# 1

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

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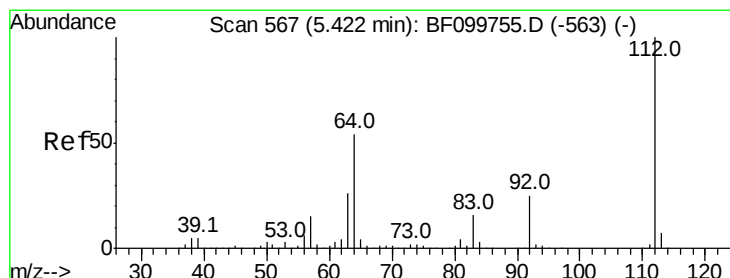
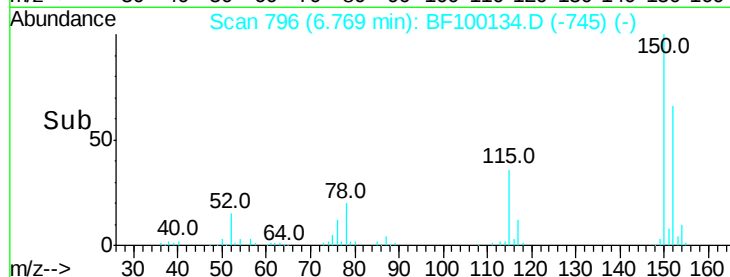
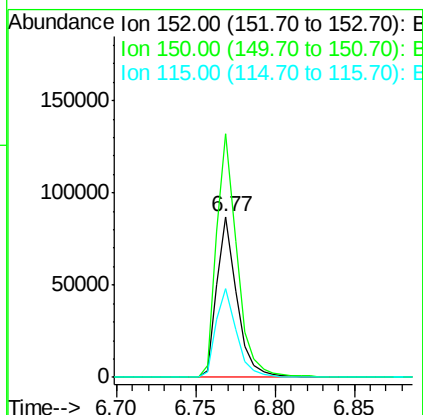
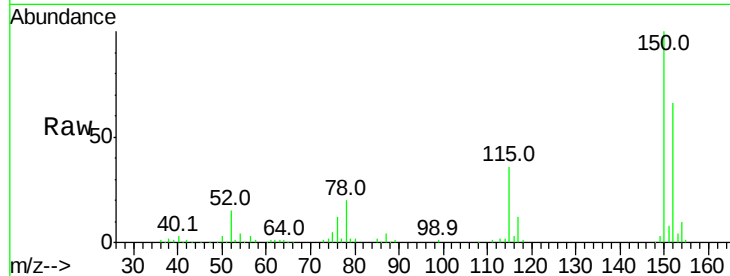


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.77 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF100134.D
 Acq: 3 Nov 2017 15:07

Instrument :
 BNA_F
 ClientSampleId :

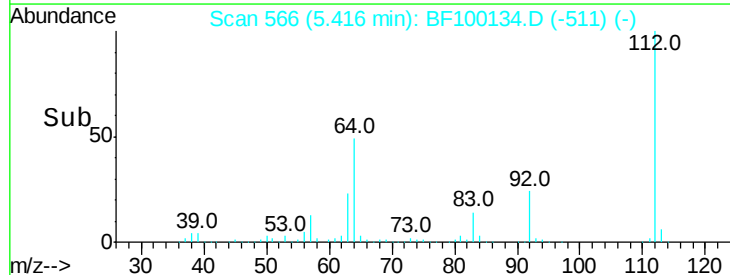
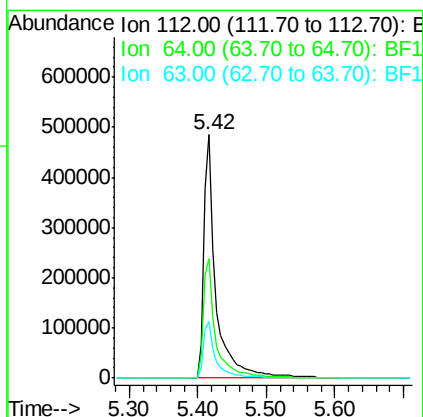
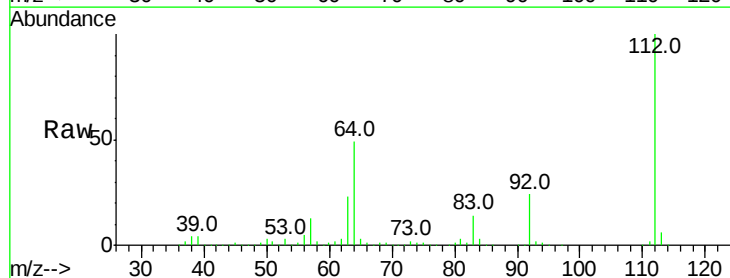
Tot Ion:152 Resp: 77335
 Ion Ratio Lower Upper
 152 100
 150 151.2 124.6 186.8
 115 54.9 50.1 75.1



#5

2-Fluorophenol
 Concen: 125.276 ng
 RT: 5.42 min Scan# 566
 Delta R.T. 0.02 min
 Lab File: BF100134.D
 Acq: 3 Nov 2017 15:07

Tgt Ion:112 Resp: 617097
 Ion Ratio Lower Upper
 112 100
 64 49.1 47.9 71.9
 63 23.2 23.7 35.5#





#7

Phenol-d6

Concen: 110.278 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF100134.D

Acq: 3 Nov 2017 15:07

Instrument :

BNA_F

ClientSampleId :

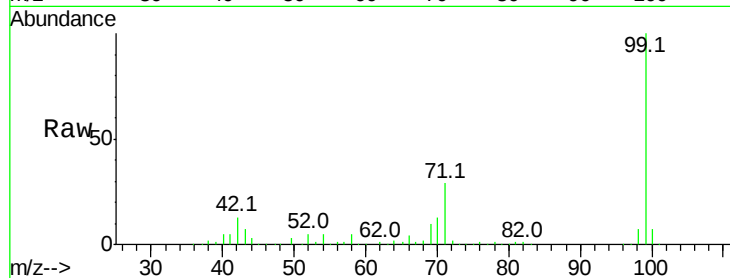
Tot Ion: 99 Resp: 644107

Ion Ratio Lower Upper

99 100

42 13.0 14.5 21.7#

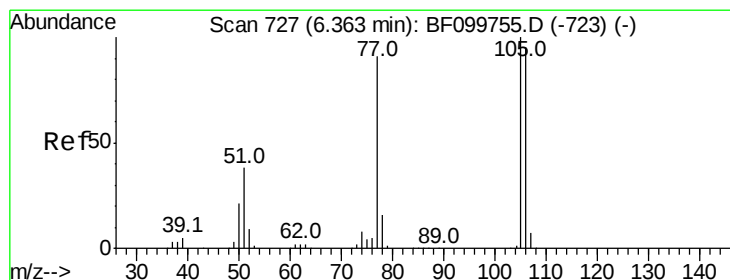
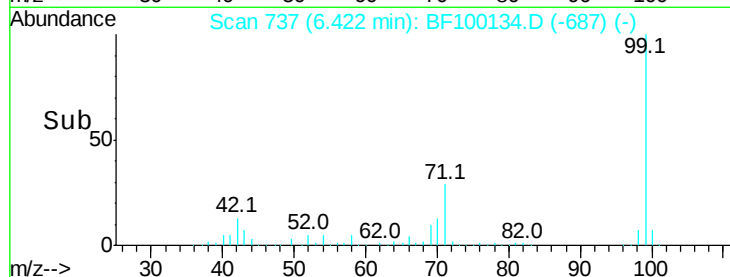
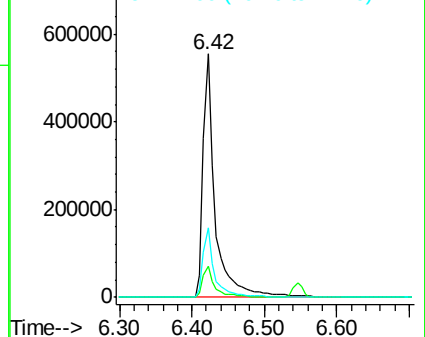
71 28.5 25.4 38.0



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: 3.386 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.21 min

Lab File: BF100134.D

Acq: 3 Nov 2017 15:07

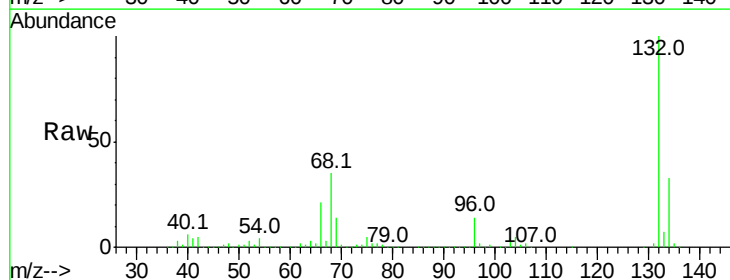
Tgt Ion: 77 Resp: 11819

Ion Ratio Lower Upper

77 100

105 81.2 81.1 121.1

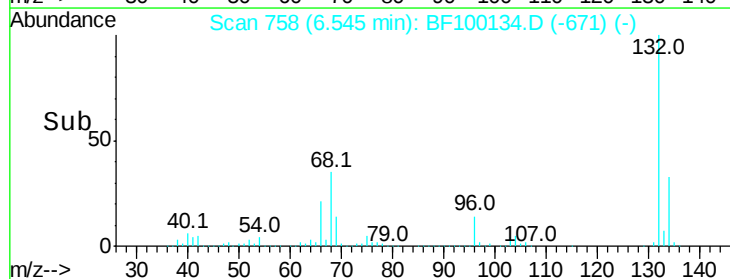
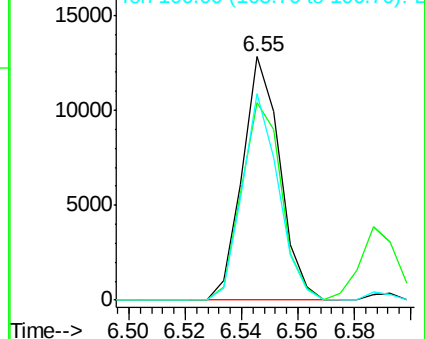
106 84.8 74.5 114.5

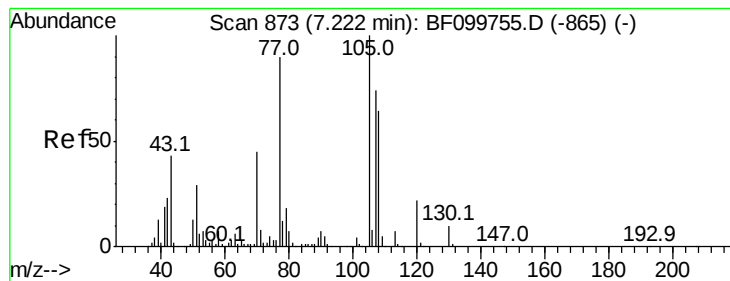


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 17.258 ng

RT: 7.34 min Scan# 893

Delta R.T. 0.15 min

Lab File: BF100134.D

Acq: 3 Nov 2017 15:07

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 59071

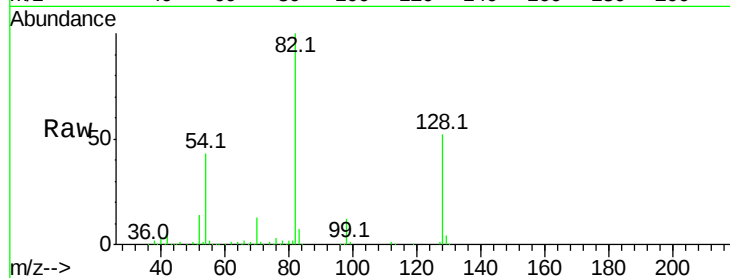
Ion Ratio Lower Upper

70 100

42 38.3 47.5 71.3#

101 0.0 7.4 11.2#

130 3.0 16.6 25.0#

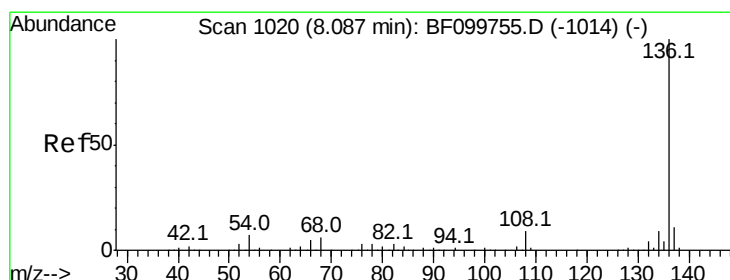
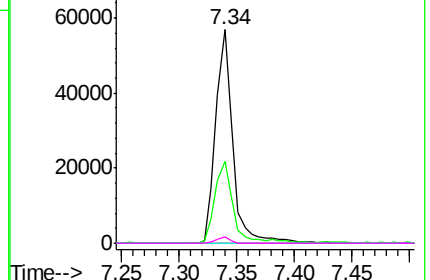
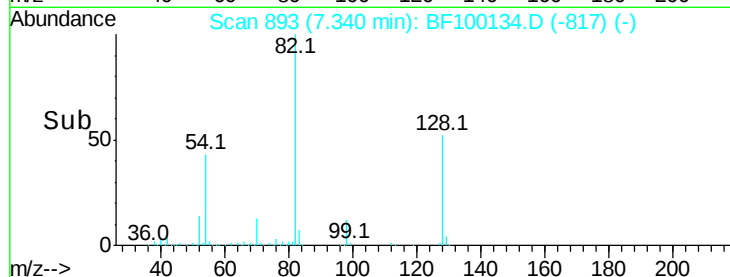


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BF100134.D

Acq: 3 Nov 2017 15:07

Tgt Ion:136 Resp: 318011

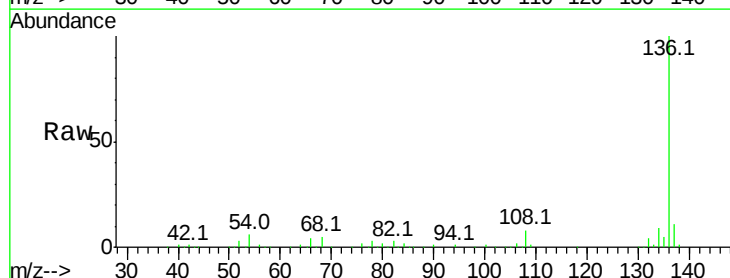
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 5.9 6.6 9.8#

68 5.4 5.0 7.4

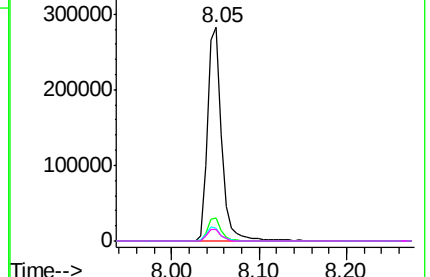
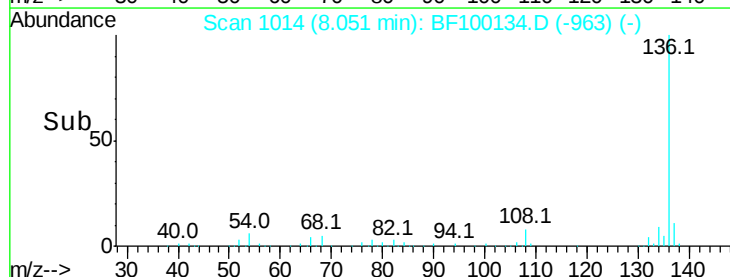


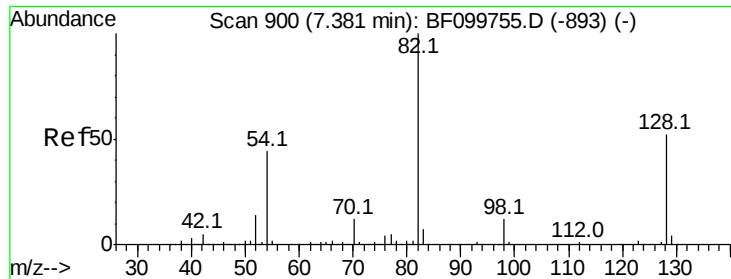
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

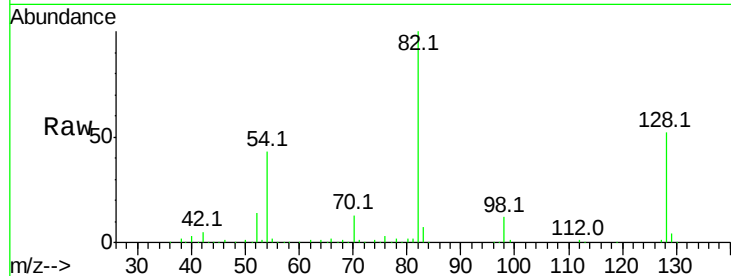




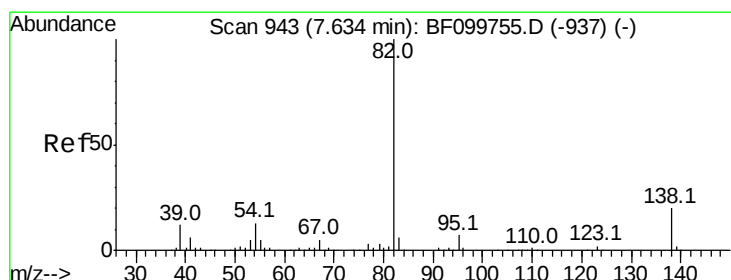
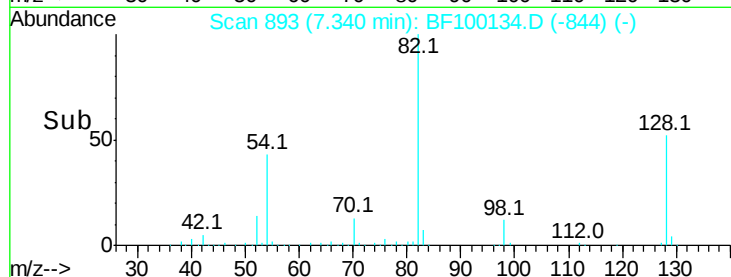
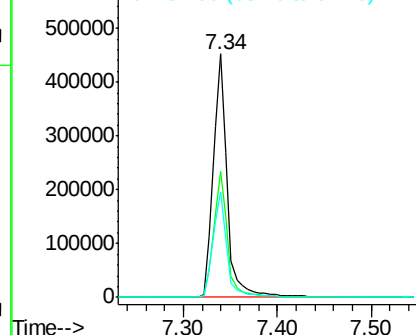
#23
 Nitrobenzene-d5
 Concen: 96.600 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.01 min
 Lab File: BF100134.D
 Acq: 3 Nov 2017 15:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 477160
 Ion Ratio Lower Upper
 82 100
 128 51.5 36.1 54.1
 54 43.2 41.4 62.2

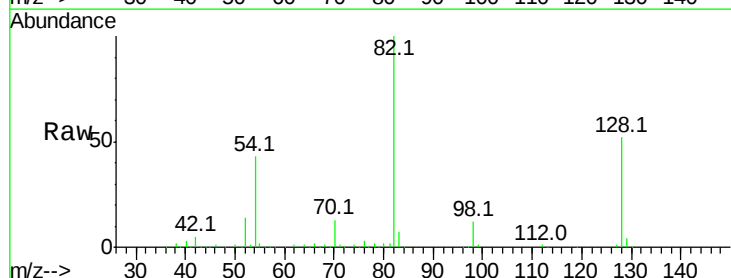


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

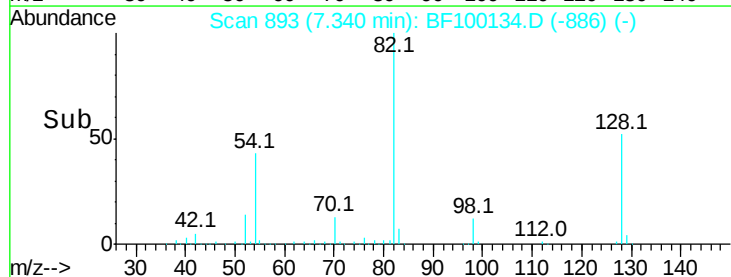
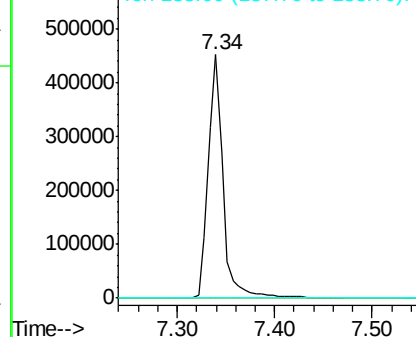


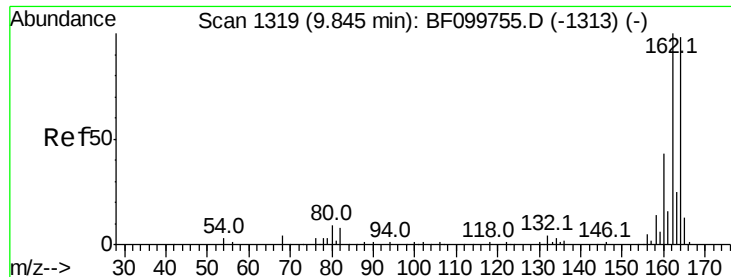
#25
 Isophorone
 Concen: 53.235 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.26 min
 Lab File: BF100134.D
 Acq: 3 Nov 2017 15:07

Tgt Ion: 82 Resp: 477156
 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

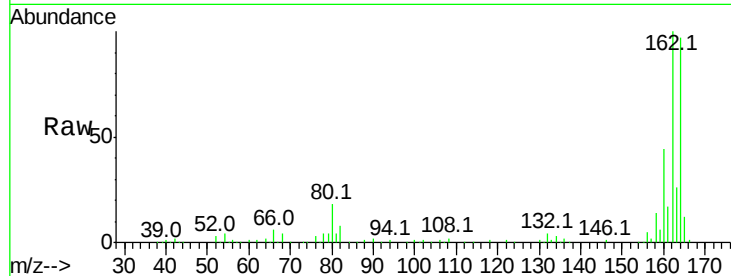




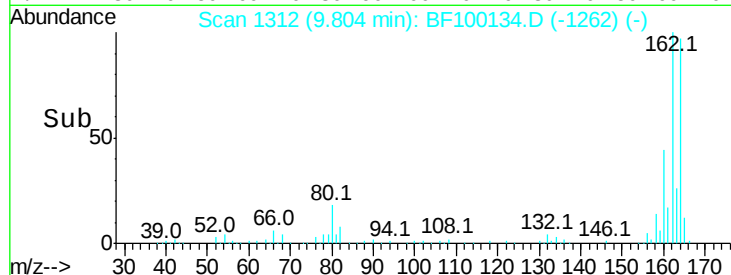
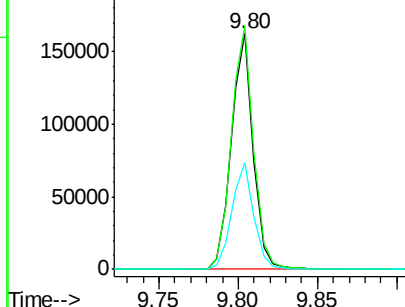
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF100134.D
Acq: 3 Nov 2017 15:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 154534
Ion Ratio Lower Upper
164 100
162 103.4 86.1 129.1
160 45.3 38.3 57.5

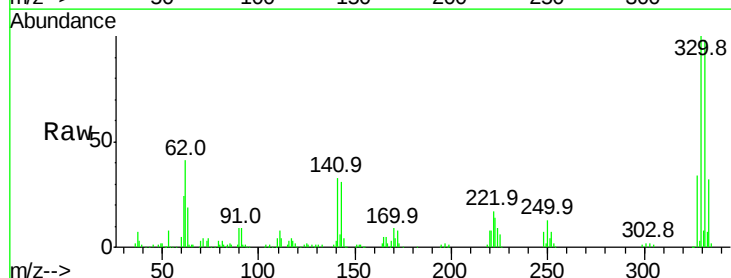


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

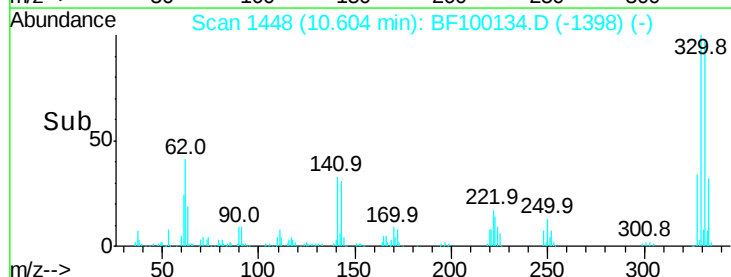
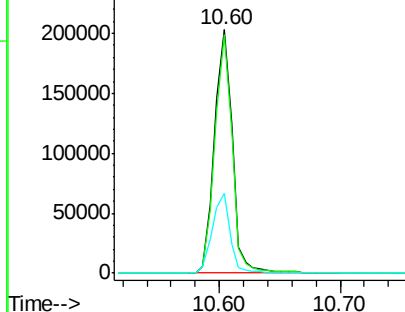


#41
2,4,6-Tribromophenol
Concen: 146.045 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF100134.D
Acq: 3 Nov 2017 15:07

Tgt Ion:330 Resp: 205675
Ion Ratio Lower Upper
330 100
332 95.6 77.0 115.6
141 32.9 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

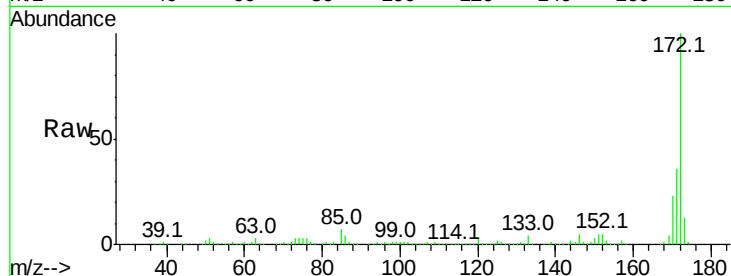




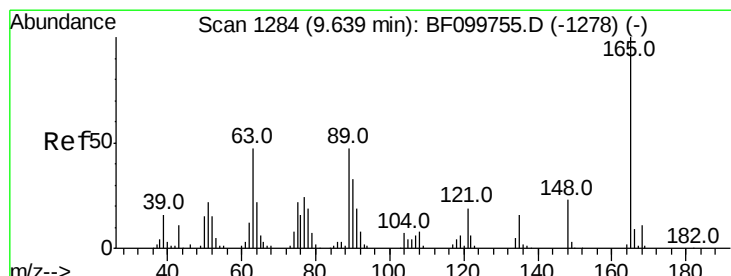
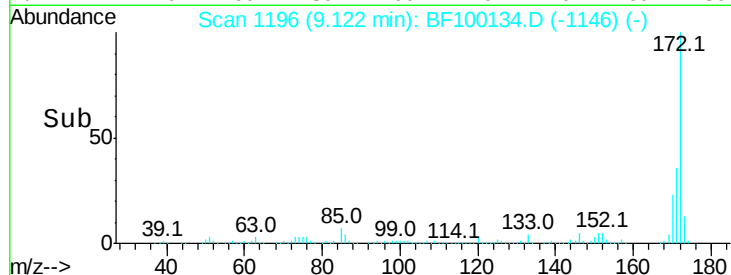
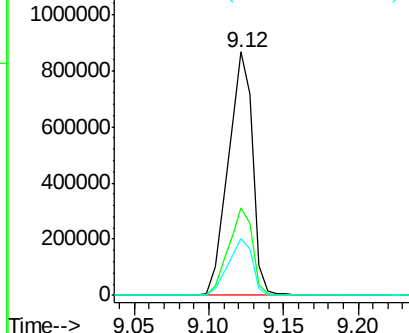
#44
 2-Fluorobiphenyl
 Concen: 99.762 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF100134.D
 Acq: 3 Nov 2017 15:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.3	19.6	29.4



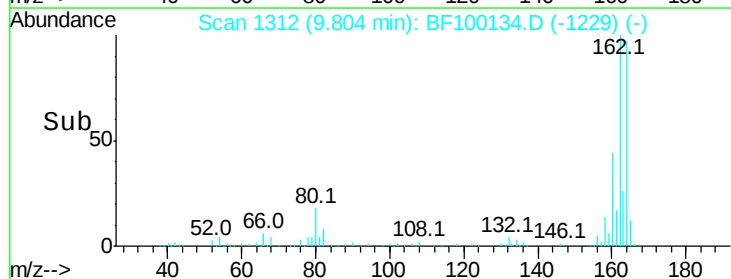
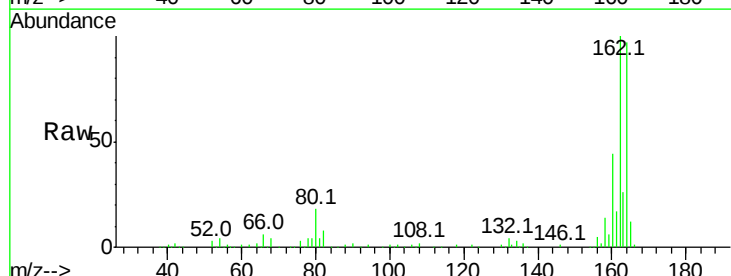
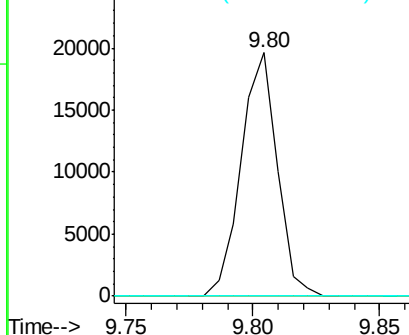
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



#50
 2,6-Dinitrotoluene
 Concen: 7.544 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. 0.19 min
 Lab File: BF100134.D
 Acq: 3 Nov 2017 15:07

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

Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

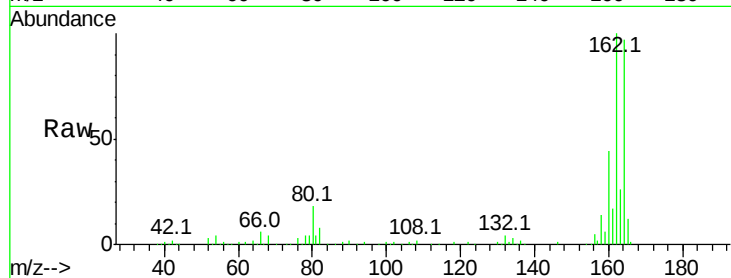




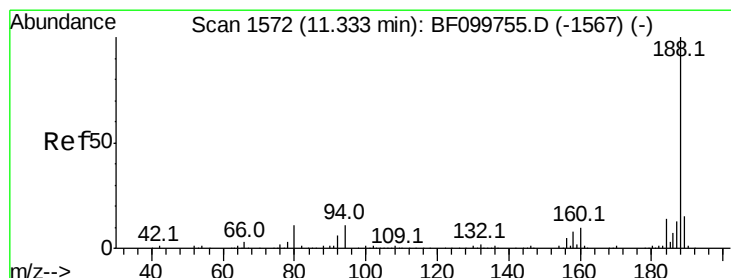
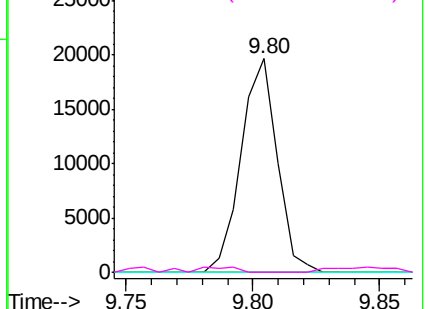
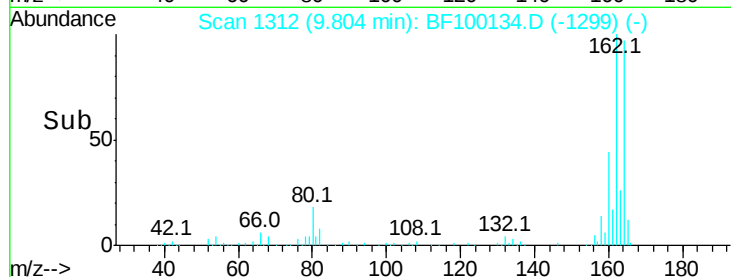
#56
 2,4-Dinitrotoluene
 Concen: 6.264 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.22 min
 Lab File: BF100134.D
 Acq: 3 Nov 2017 15:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 19408
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.4 54.6#
 89 0.0 57.8 86.6#
 182 0.0 1.6 2.4#

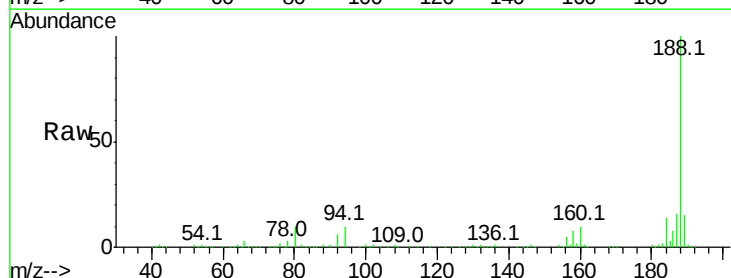


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

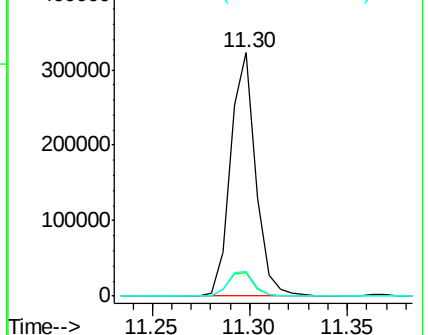
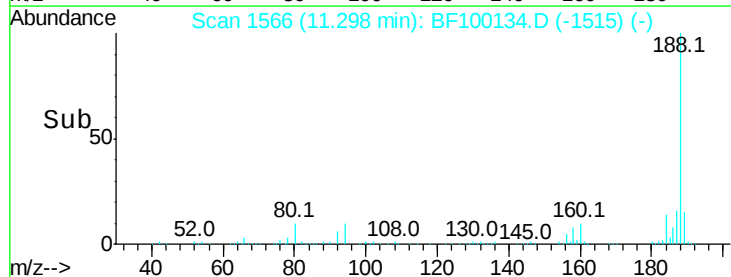


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: BF100134.D
 Acq: 3 Nov 2017 15:07

Tgt Ion:188 Resp: 287062
 Ion Ratio Lower Upper
 188 100
 94 9.6 8.5 12.7
 80 9.9 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

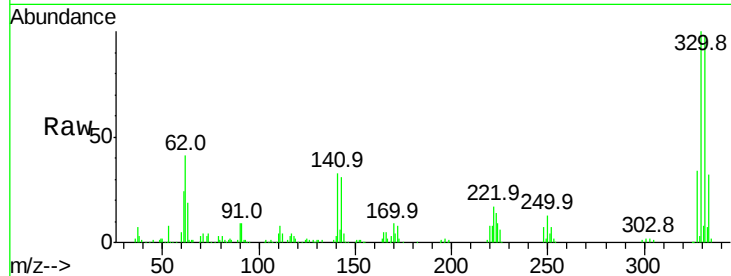




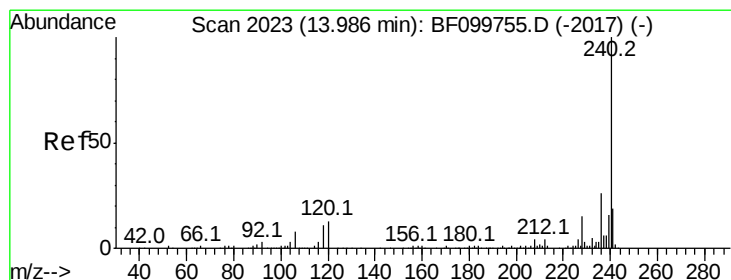
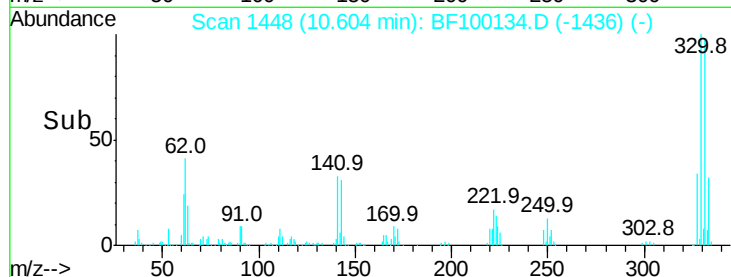
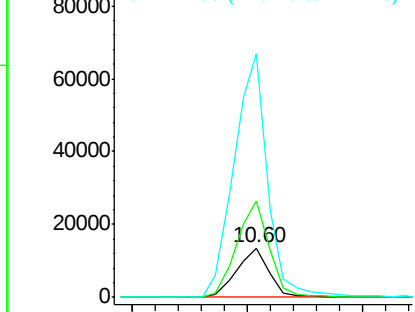
#66
 4-Bromophenyl-phenylether
 Concen: 4.337 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.23 min
 Lab File: BF100134.D
 Acq: 3 Nov 2017 15:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 13107
 Ion Ratio Lower Upper
 248 100
 250 195.4 76.9 115.3#
 141 495.7 74.4 111.6#

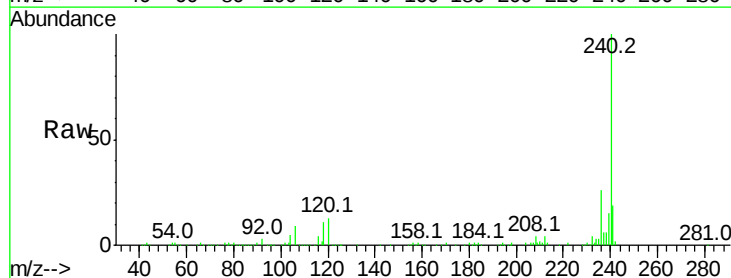


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

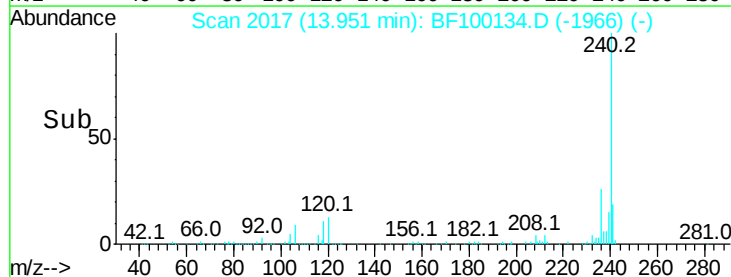
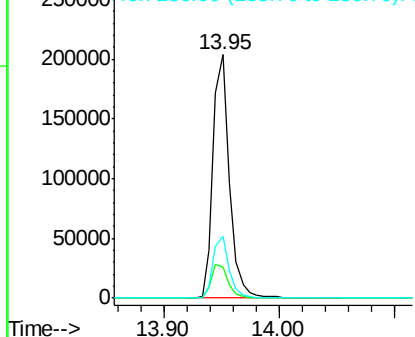


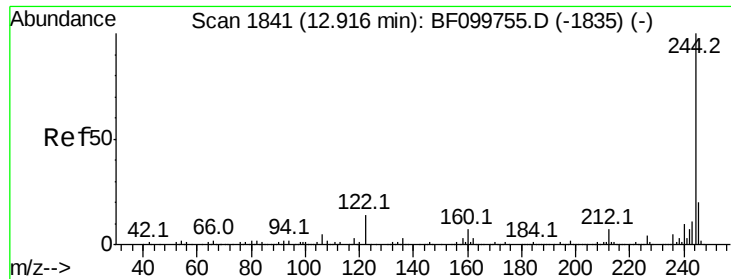
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. 0.00 min
 Lab File: BF100134.D
 Acq: 3 Nov 2017 15:07

Tgt Ion:240 Resp: 200452
 Ion Ratio Lower Upper
 240 100
 120 12.6 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





#78

Terphenyl-d14

Concen: 100.250 ng

RT: 12.88 min Scan# 1835

Delta R.T. 0.00 min

Lab File: BF100134.D

Acq: 3 Nov 2017 15:07

Instrument :

BNA_F

ClientSampleId :

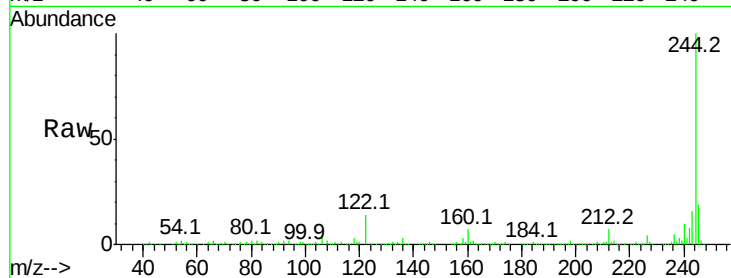
Tot Ion:244 Resp: 919536

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

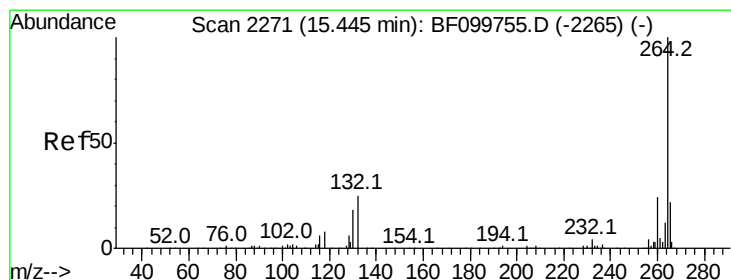
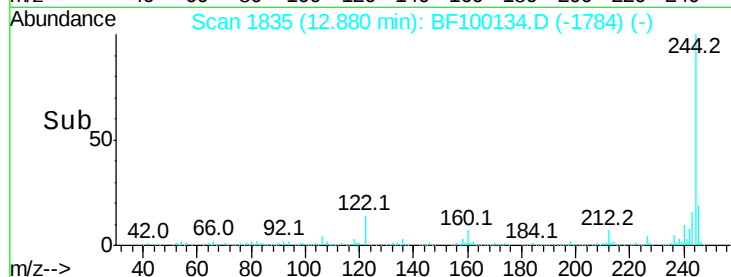
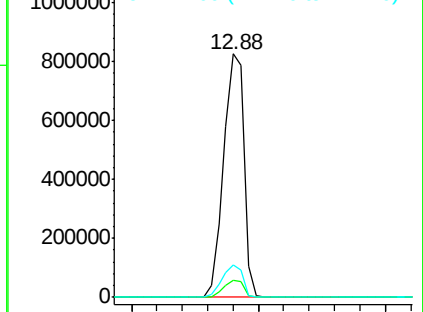
122 13.6 11.0 16.4



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: 15.41 min Scan# 2265

Delta R.T. 0.00 min

Lab File: BF100134.D

Acq: 3 Nov 2017 15:07

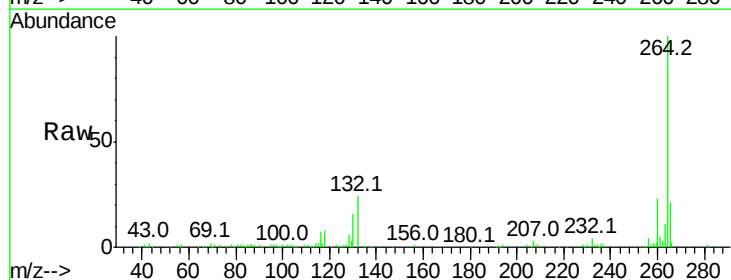
Tgt Ion:264 Resp: 136937

Ion Ratio Lower Upper

264 100

260 22.8 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

