

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110217\
 Data File : BF100117.D
 Acq On : 3 Nov 2017 6:48
 Operator : SJ/JU
 Sample : I6273-02
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 03 07:24:09 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 01 18:13:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	82041	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	338138	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	154896	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	267600	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	169857	20.00	ng	-0.03
86) Perylene-d12	15.41	264	139503	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.40	112	235134	45.00	ng	0.00
7) Phenol-d6	6.42	99	185280	29.90	ng	0.00
23) Nitrobenzene-d5	7.34	82	459770	87.54	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	121643	86.17	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	915817	91.22	ng	0.00
78) Terphenyl-d14	12.88	244	773018	99.46	ng	-0.02

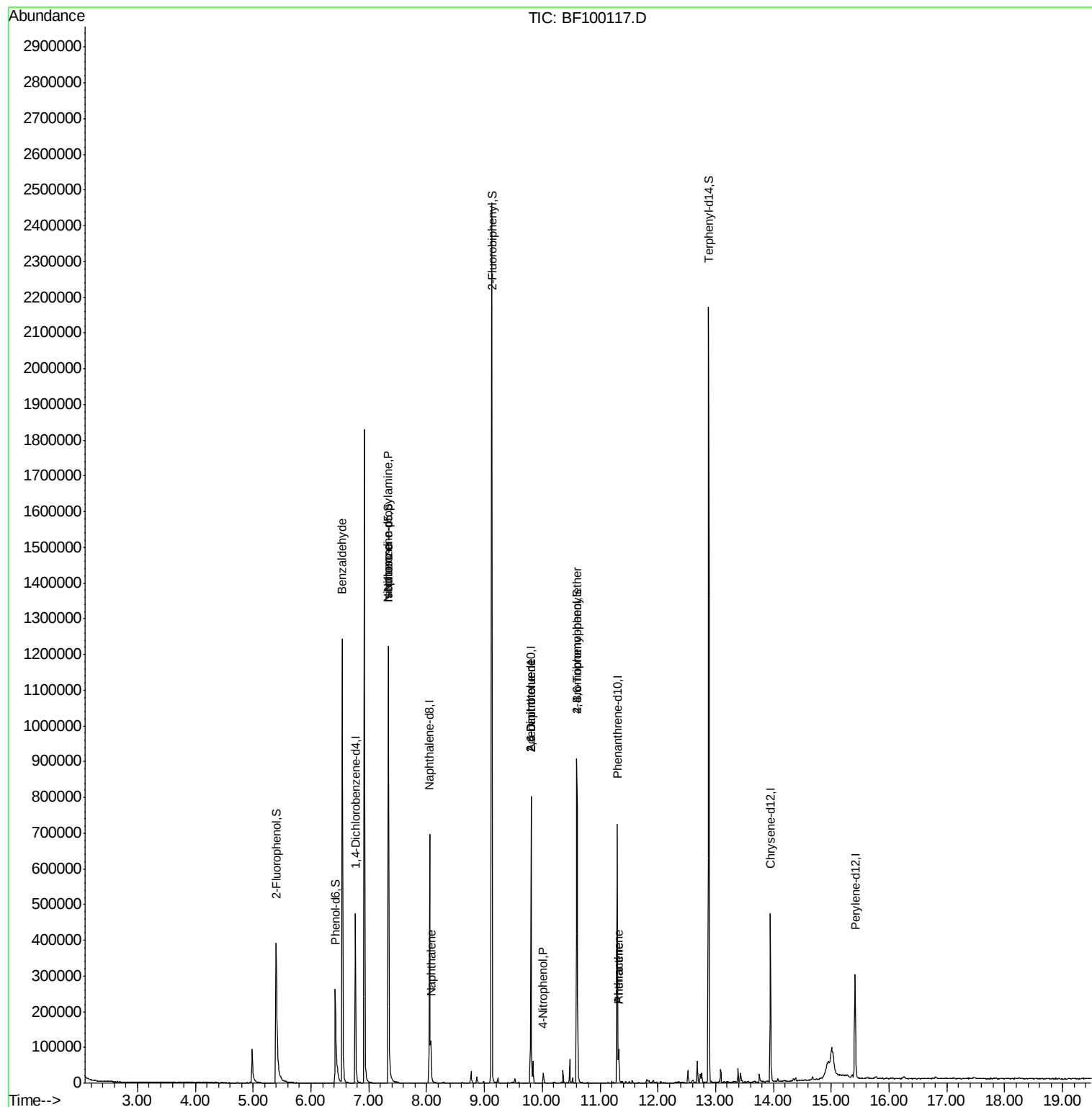
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.54	77	7422	2.005	ng	92
19) n-Nitroso-di-n-propylamine	7.34	70	56029	15.430	ng	# 74
25) Isophorone	7.34	82	459770	48.242	ng	# 64
31) Naphthalene	8.07	128	64664	3.962	ng	99
50) 2,6-Dinitrotoluene	9.80	165	19647	7.619	ng	# 24
55) 4-Nitrophenol	10.02	139	5181	3.263	ng	# 9
56) 2,4-Dinitrotoluene	9.80	165	19647	6.327	ng	# 21
66) 4-Bromophenyl-phenylether	10.60	248	7809	2.772	ng	# 1
70) Phenanthrene	11.32	178	39575	2.621	ng	96
71) Anthracene	11.32	178	39575	2.582	ng	98

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

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110217\
Data File : BF100117.D
Acq On : 3 Nov 2017 6:48
Operator : SJ/JU
Sample : I6273-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 03 07:24:09 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 01 18:13:08 2017
Response via : Initial Calibration

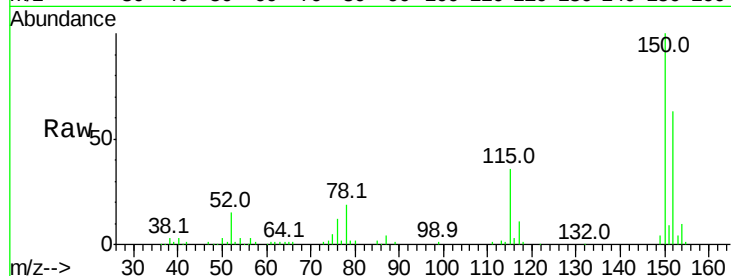




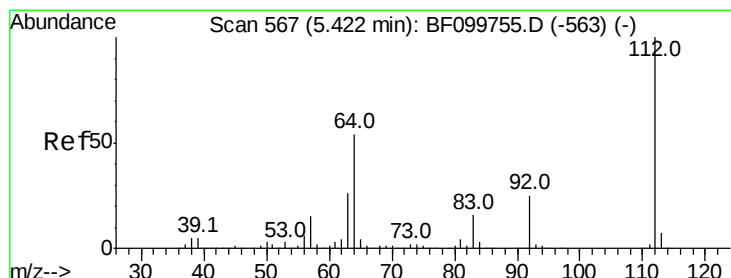
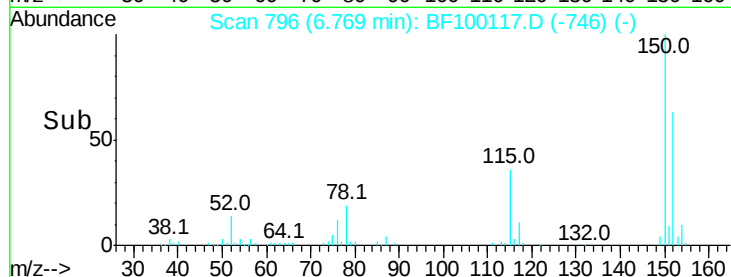
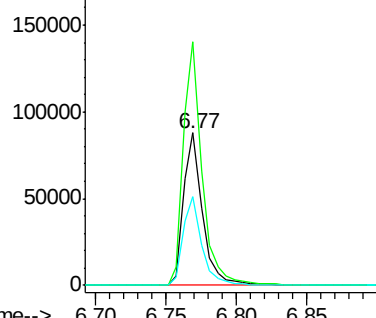
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.77 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BF100117.D
 Acq: 3 Nov 2017 6:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 82041
 Ion Ratio Lower Upper
 152 100
 150 159.9 124.6 186.8
 115 58.1 50.1 75.1

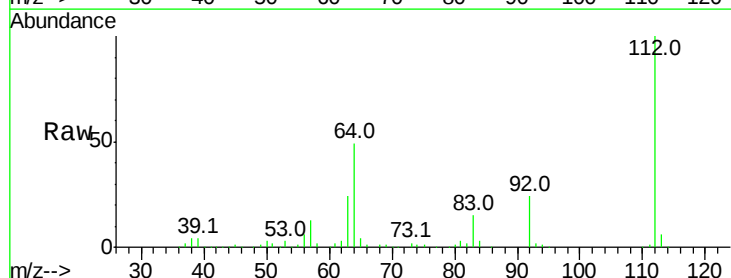


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

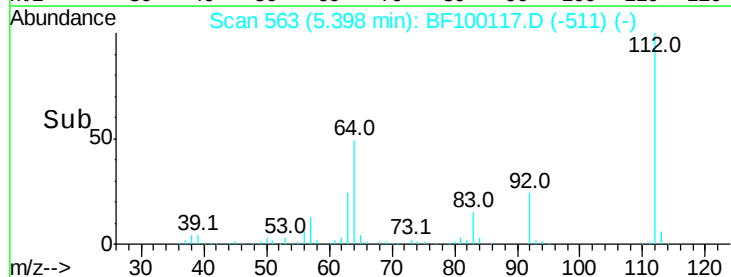
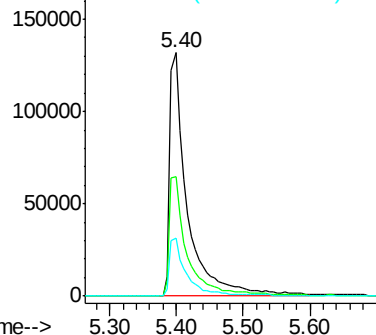


#5
 2-Fluorophenol
 Concen: 44.996 ng
 RT: 5.40 min Scan# 563
 Delta R.T. 0.01 min
 Lab File: BF100117.D
 Acq: 3 Nov 2017 6:48

Tgt Ion:112 Resp: 235134
 Ion Ratio Lower Upper
 112 100
 64 49.1 47.9 71.9
 63 23.8 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: 29.902 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF100117.D

Acq: 3 Nov 2017 6:48

Instrument :

BNA_F

ClientSampled :

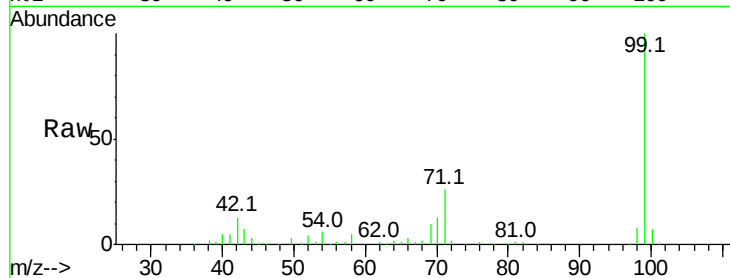
Tot Ion: 99 Resp: 185280

Ion Ratio Lower Upper

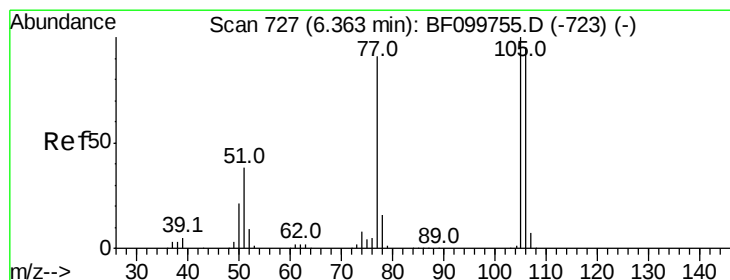
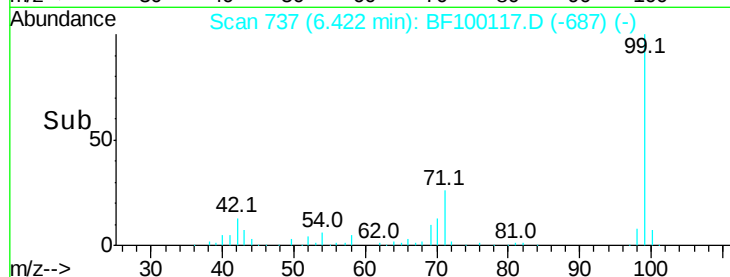
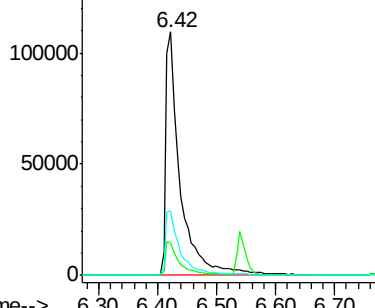
99 100

42 13.1 14.5 21.7#

71 26.4 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: 2.005 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.20 min

Lab File: BF100117.D

Acq: 3 Nov 2017 6:48

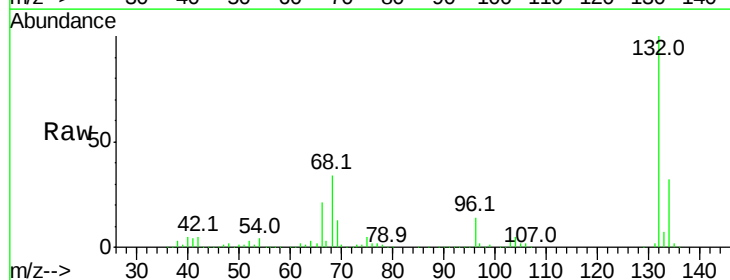
Tgt Ion: 77 Resp: 7422

Ion Ratio Lower Upper

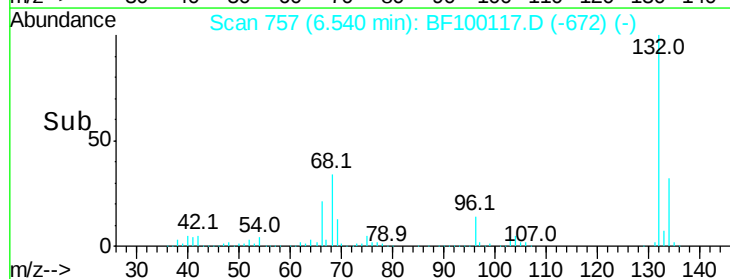
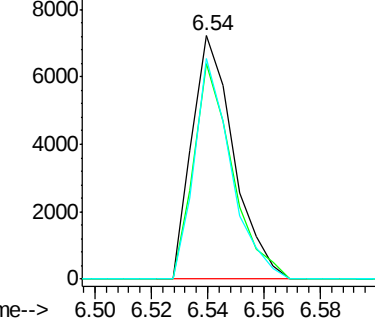
77 100

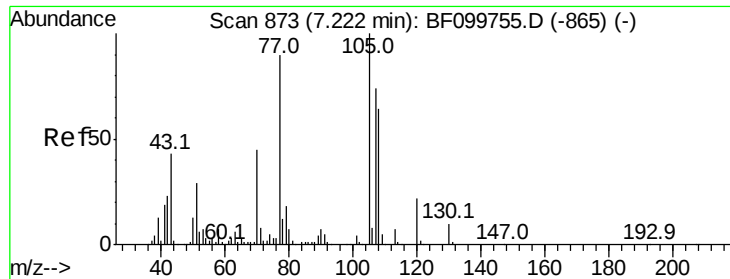
105 88.7 81.1 121.1

106 90.4 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

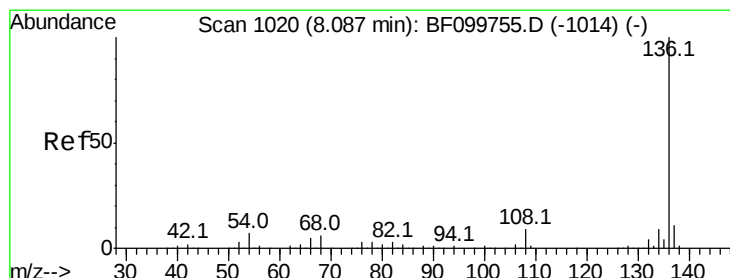
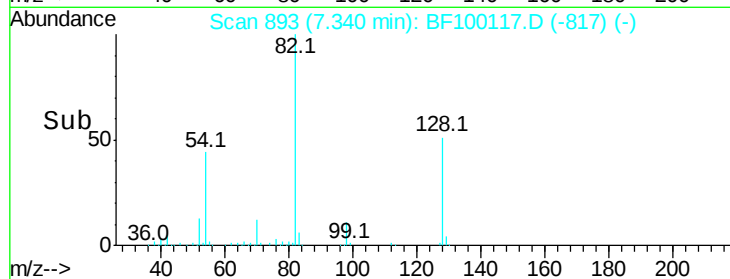
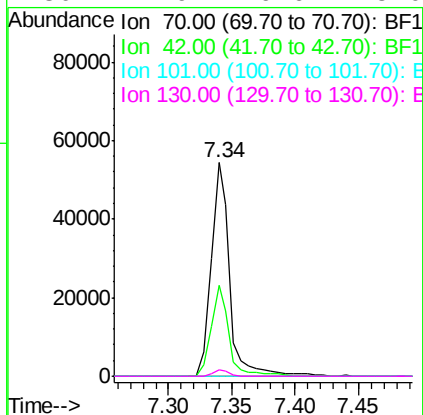
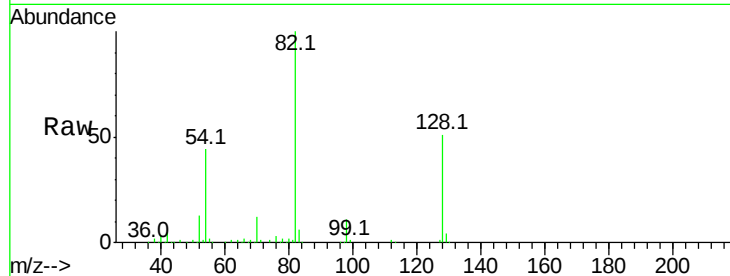




#19
n-Nitroso-di-n-propylamine
Concen: 15.430 ng
RT: 7.34 min Scan# 893
Delta R.T. 0.15 min
Lab File: BF100117.D
Acq: 3 Nov 2017 6:48

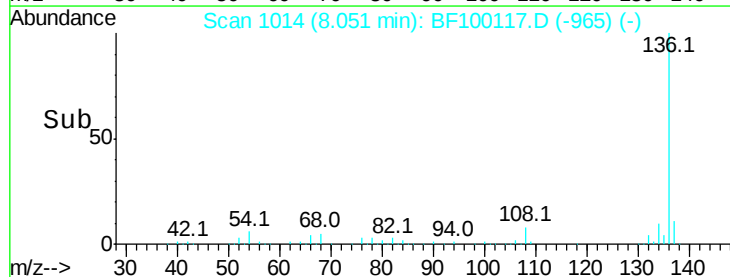
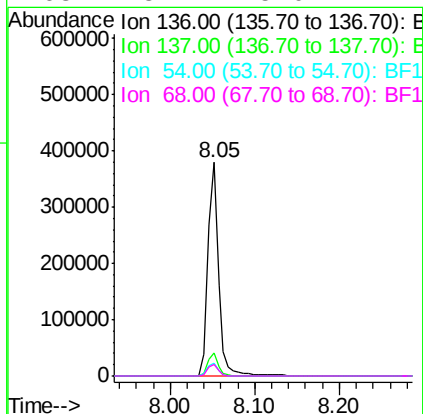
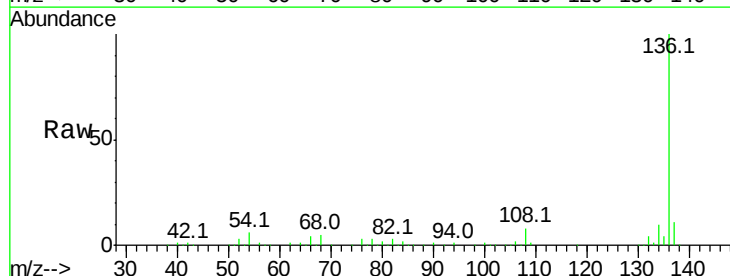
Instrument :
BNA_F
ClientSampleId :

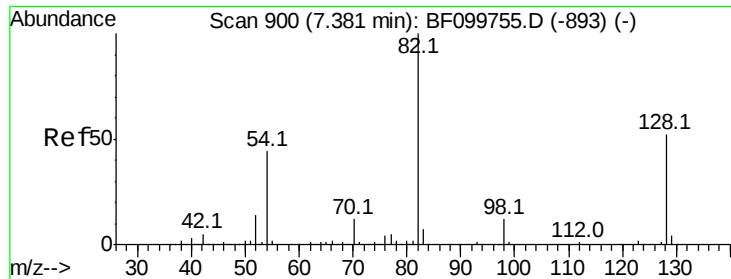
Tot Ion: 70 Resp: 56029
Ion Ratio Lower Upper
70 100
42 42.6 47.5 71.3#
101 0.0 7.4 11.2#
130 2.9 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF100117.D
Acq: 3 Nov 2017 6:48

Tgt Ion: 136 Resp: 338138
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 6.1 6.6 9.8#
68 5.2 5.0 7.4

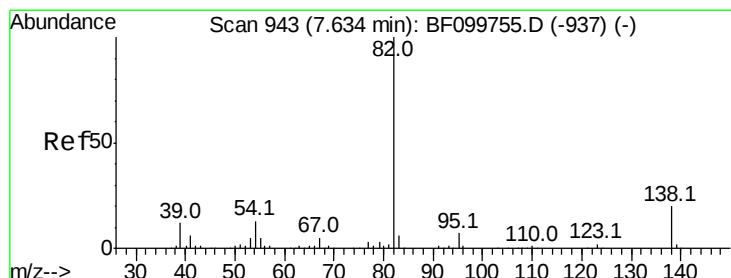
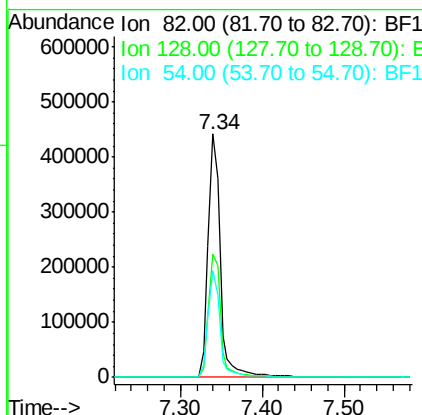
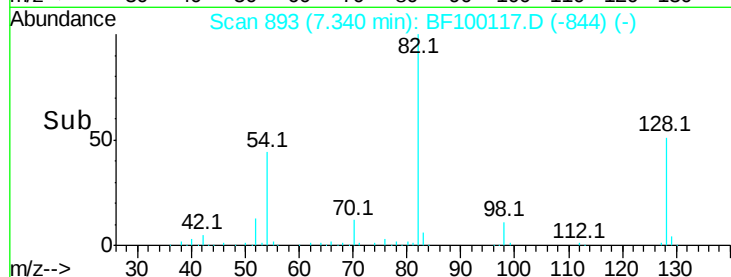
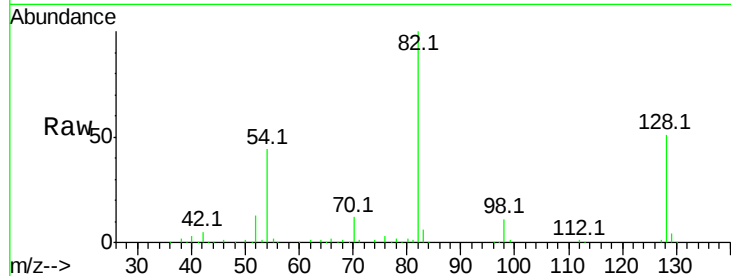




#23
 Nitrobenzene-d5
 Concen: 87.539 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.01 min
 Lab File: BF100117.D
 Acq: 3 Nov 2017 6:48

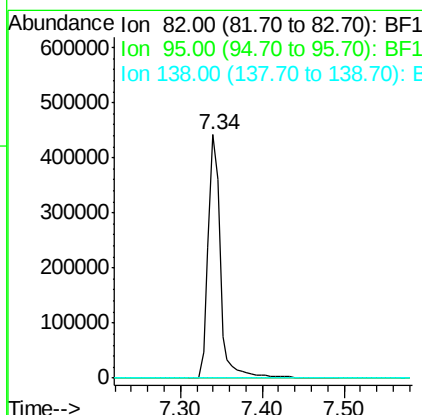
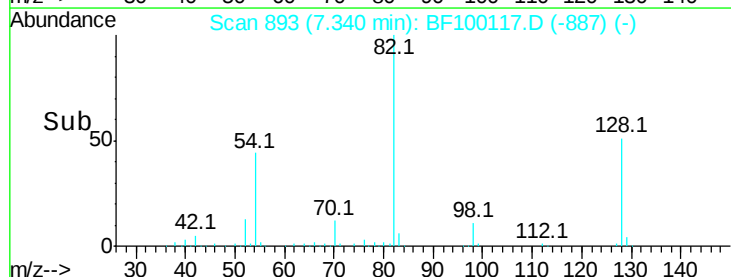
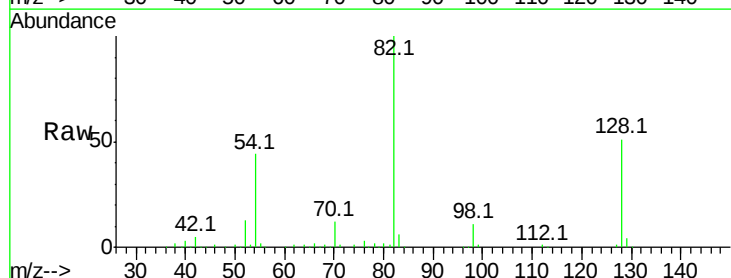
Instrument :
 BNA_F
 ClientSampleId :

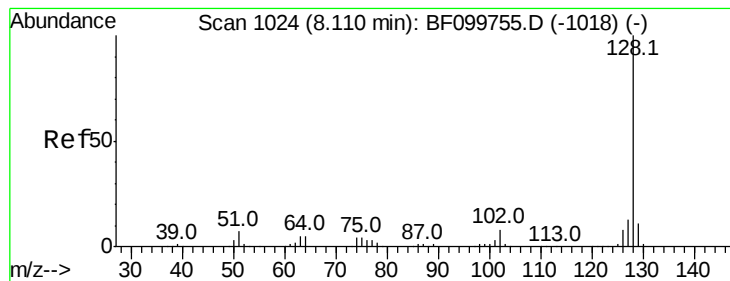
Tot Ion: 82 Resp: 459770
 Ion Ratio Lower Upper
 82 100
 128 50.7 36.1 54.1
 54 43.6 41.4 62.2



#25
 Isophorone
 Concen: 48.242 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.26 min
 Lab File: BF100117.D
 Acq: 3 Nov 2017 6:48

Tgt Ion: 82 Resp: 459770
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#





#31

Naphthalene

Concen: 3.962 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF100117.D

Acq: 3 Nov 2017 6:48

Instrument :

BNA_F

ClientSampleId :

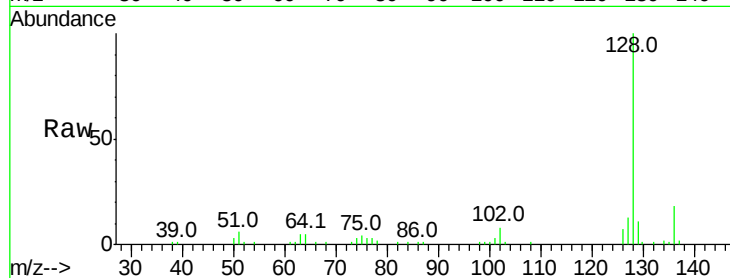
Tot Ion:128 Resp: 64664

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

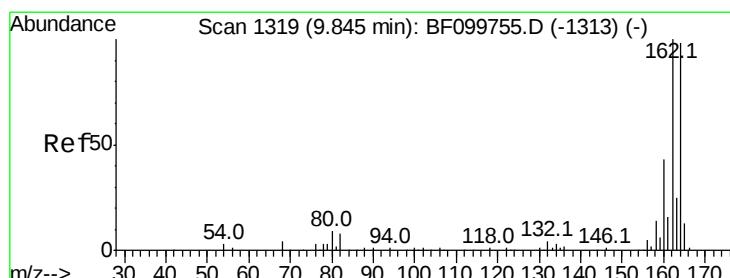
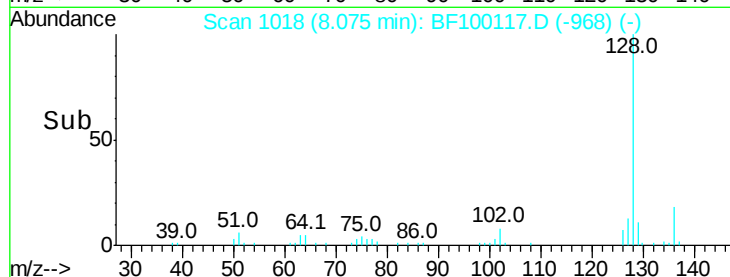
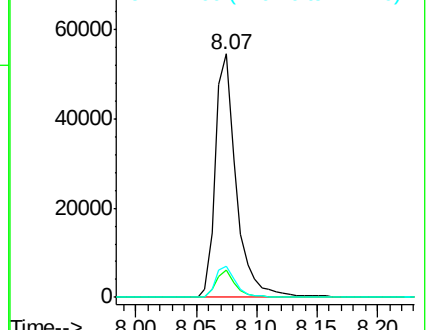
127 13.0 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF100117.D

Acq: 3 Nov 2017 6:48

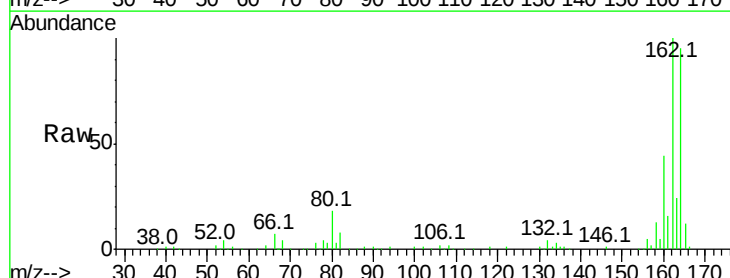
Tgt Ion:164 Resp: 154896

Ion Ratio Lower Upper

164 100

162 105.3 86.1 129.1

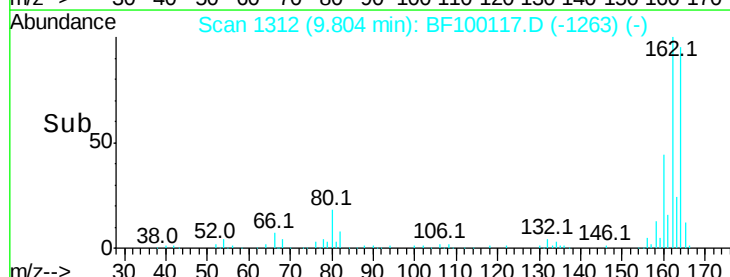
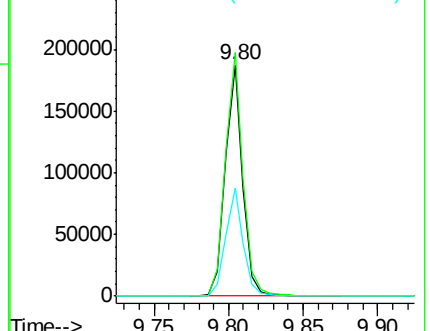
160 46.5 38.3 57.5



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

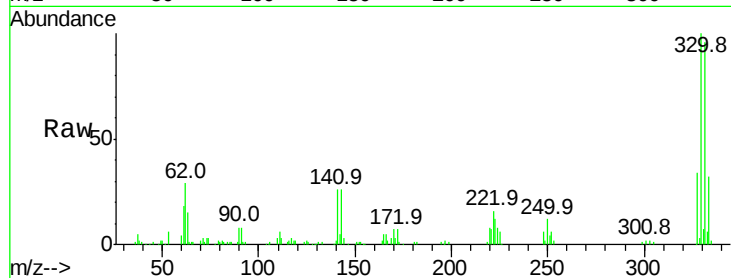




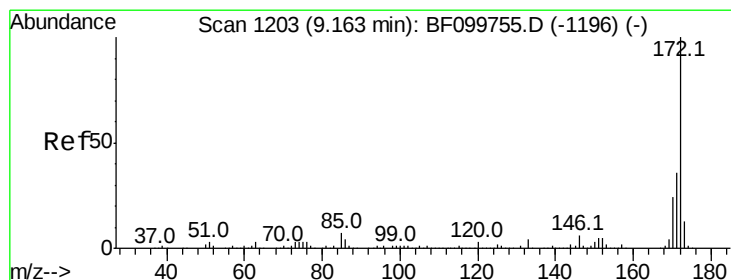
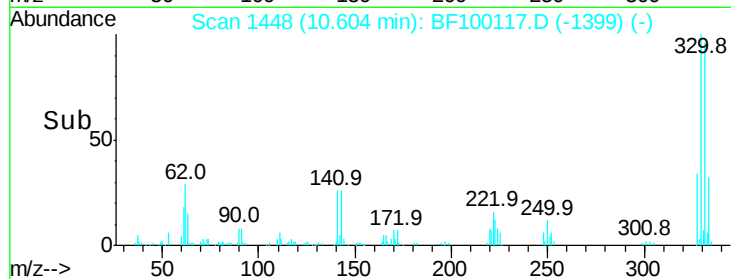
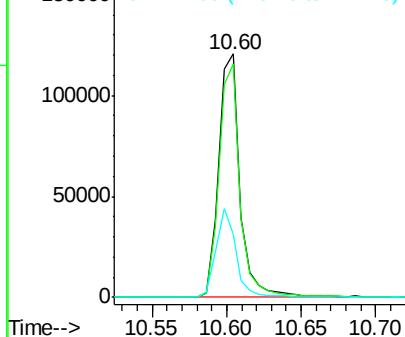
#41
 2,4,6-Tribromophenol
 Concen: 86.174 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF100117.D
 Acq: 3 Nov 2017 6:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	330	332	141	Ratio	Lower	Upper
330	100					
332	95.3			77.0	115.6	
141	34.2			29.9	44.9	

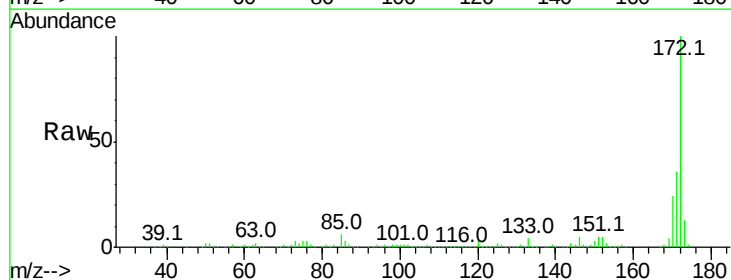


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

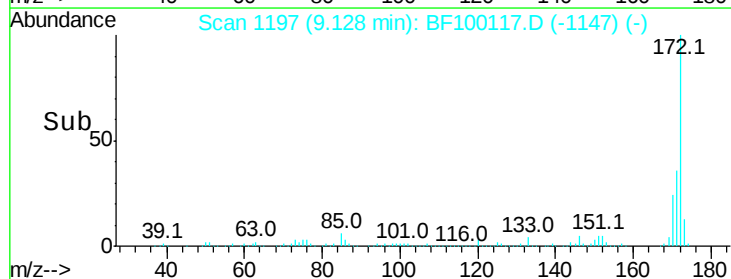
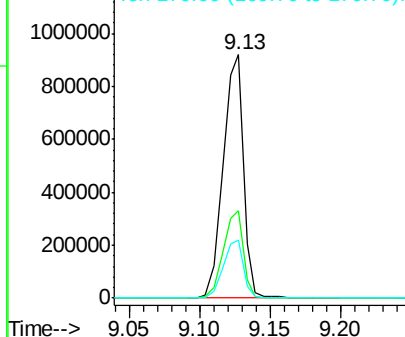


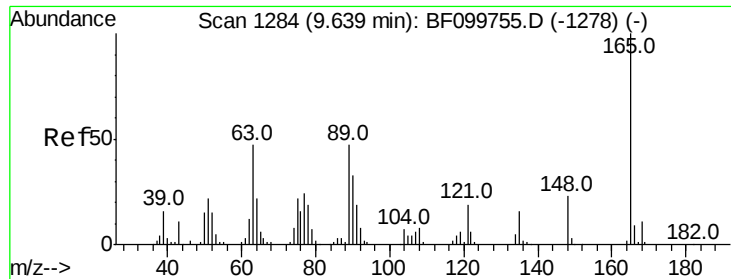
#44
 2-Fluorobiphenyl
 Concen: 91.220 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF100117.D
 Acq: 3 Nov 2017 6:48

Tgt Ion	172	171	170	Ratio	Lower	Upper
172	100					
171	35.8			29.7	44.5	
170	23.6			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

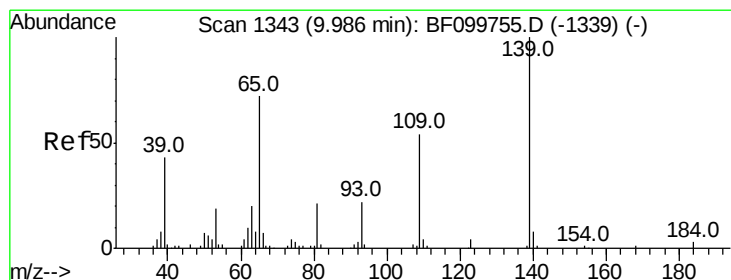
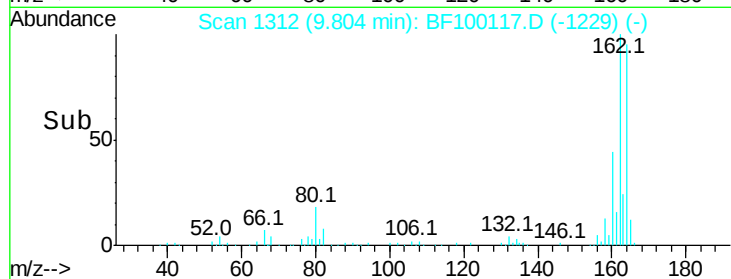
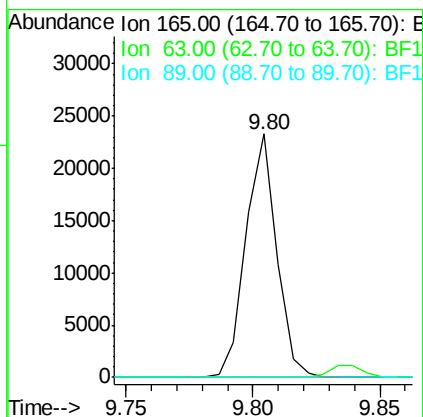
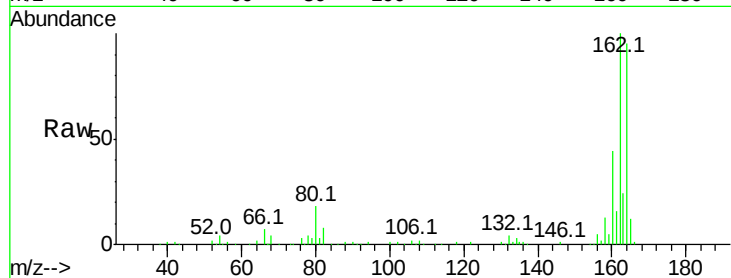




#50
 2,6-Dinitrotoluene
 Concen: 7.619 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. 0.19 min
 Lab File: BF100117.D
 Acq: 3 Nov 2017 6:48

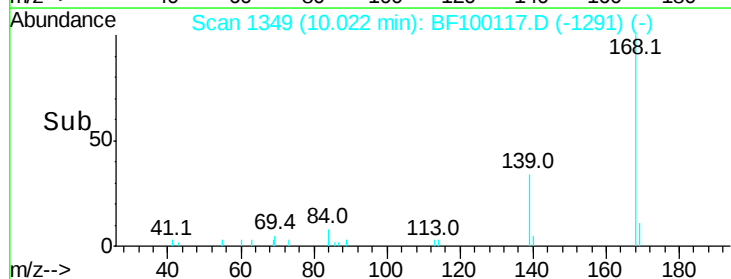
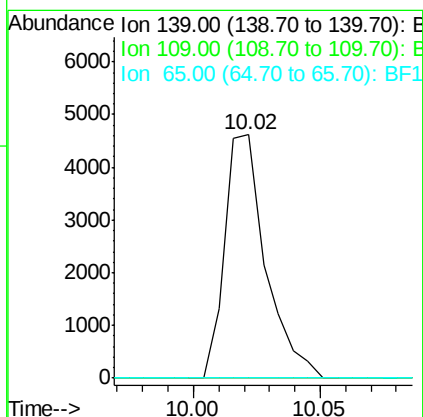
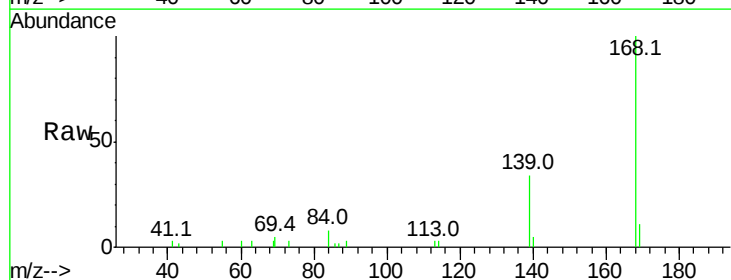
Instrument :
 BNA_F
 ClientSampleId :

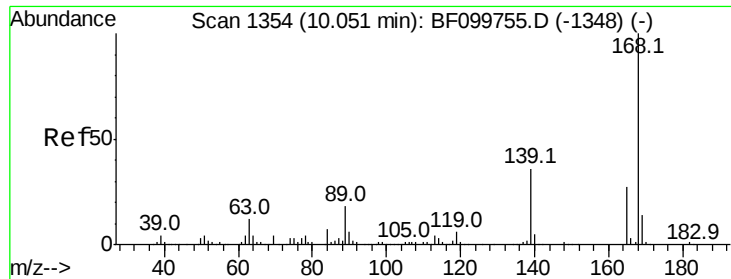
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



#55
 4-Nitrophenol
 Concen: 3.263 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. 0.04 min
 Lab File: BF100117.D
 Acq: 3 Nov 2017 6:48

Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	0.0	72.6	112.6#

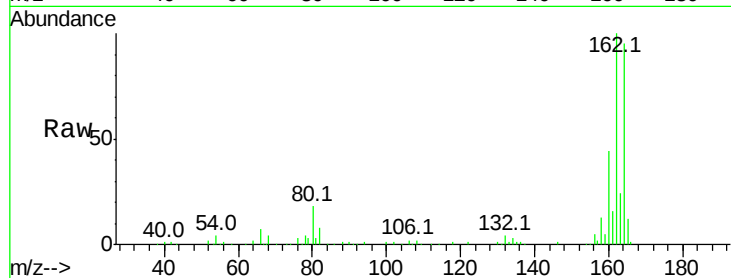




#56
 2,4-Dinitrotoluene
 Concen: 6.327 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.23 min
 Lab File: BF100117.D
 Acq: 3 Nov 2017 6:48

Instrument :
 BNA_F
 ClientSampleId :

Tot 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#

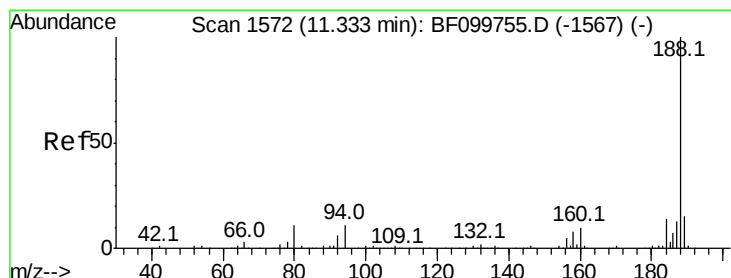
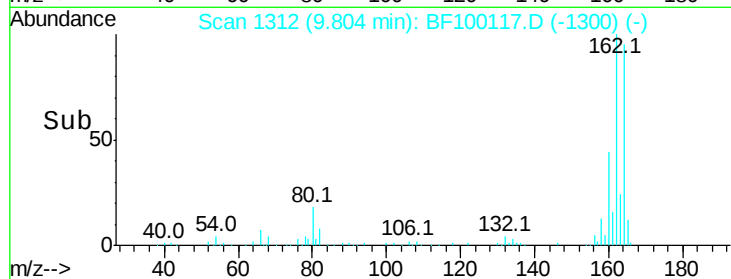
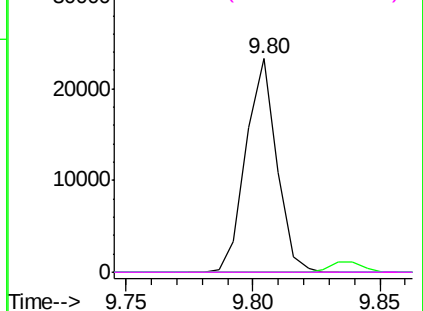


Abundance Ion 165.00 (164.70 to 165.70): E

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



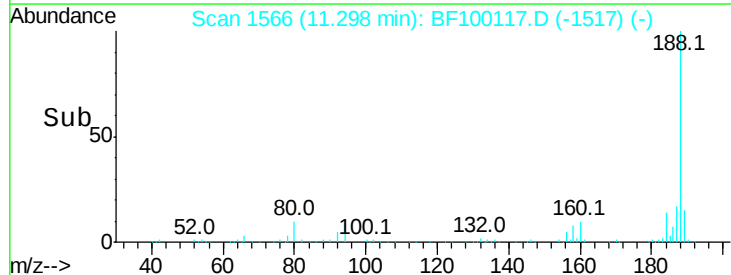
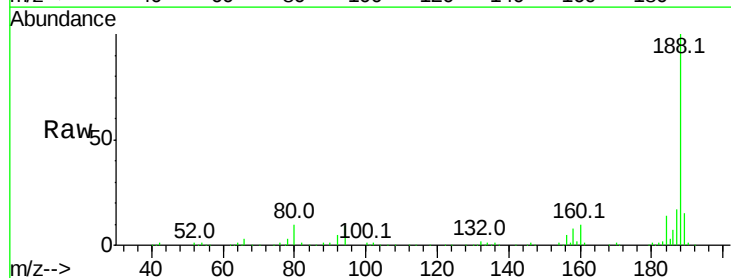
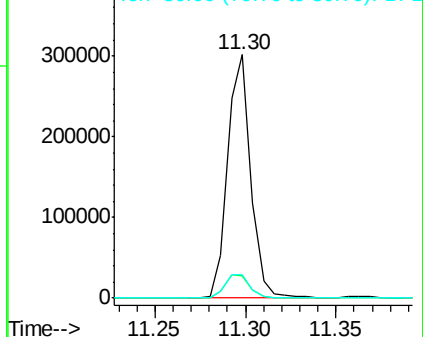
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. -0.01 min
 Lab File: BF100117.D
 Acq: 3 Nov 2017 6:48

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.5	12.7
80	9.8	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

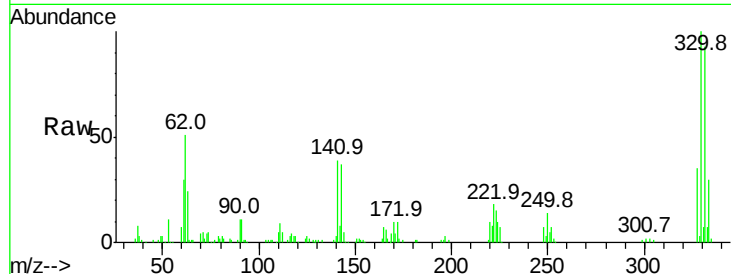




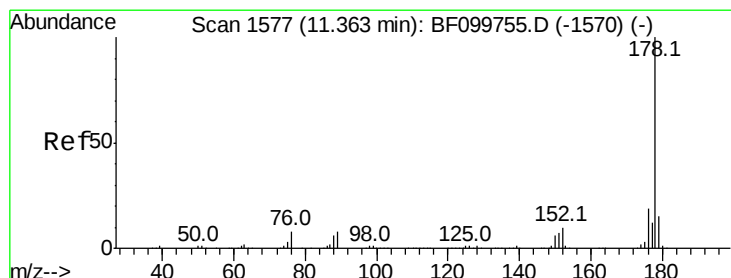
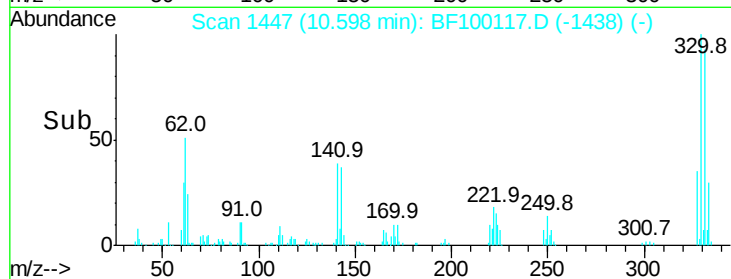
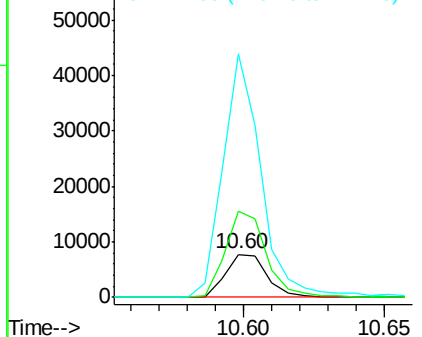
#66
 4-Bromophenyl-phenylether
 Concen: 2.772 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.25 min
 Lab File: BF100117.D
 Acq: 3 Nov 2017 6:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 7809
 Ion Ratio Lower Upper
 248 100
 250 198.8 76.9 115.3#
 141 563.6 74.4 111.6#

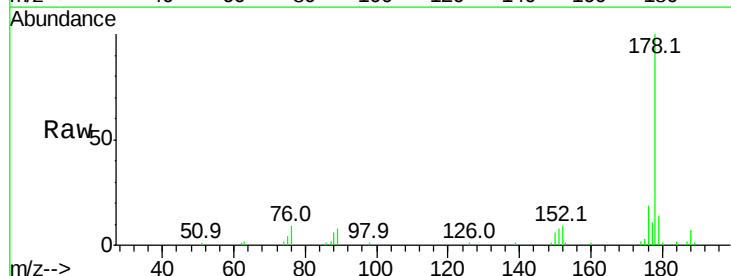


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

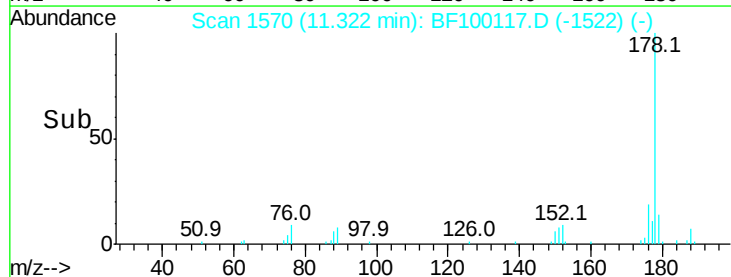
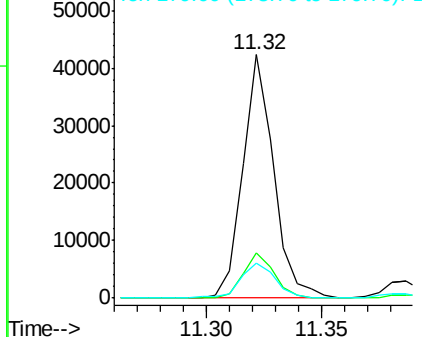


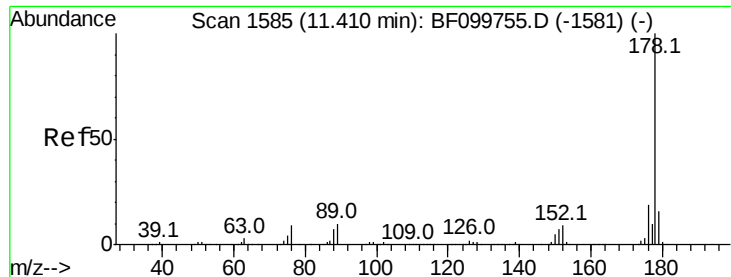
#70
 Phenanthrene
 Concen: 2.621 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.02 min
 Lab File: BF100117.D
 Acq: 3 Nov 2017 6:48

Tgt Ion:178 Resp: 39575
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.8 23.8
 179 14.4 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

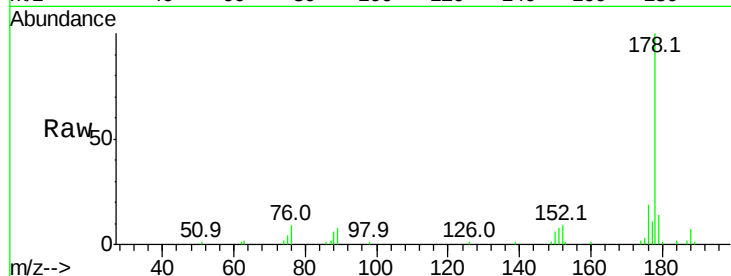




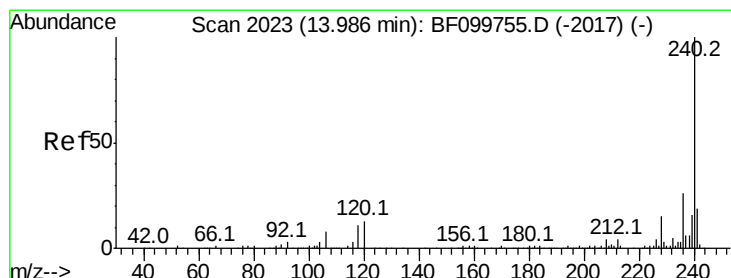
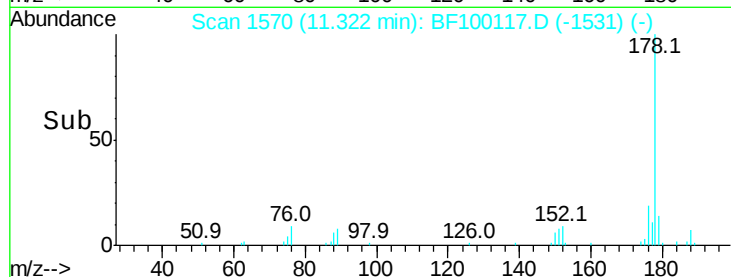
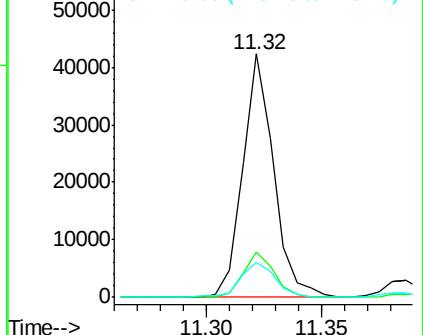
#71
 Anthracene
 Concen: 2.582 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.07 min
 Lab File: BF100117.D
 Acq: 3 Nov 2017 6:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 39575
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.4 23.2
 179 14.4 12.6 19.0

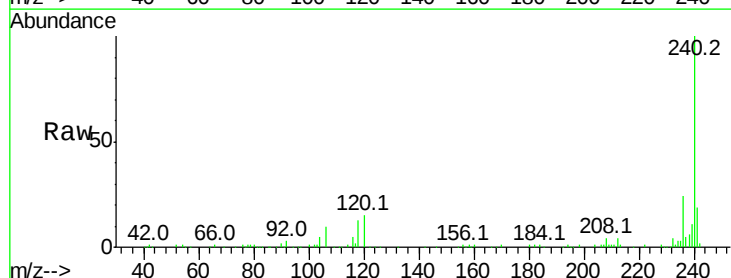


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

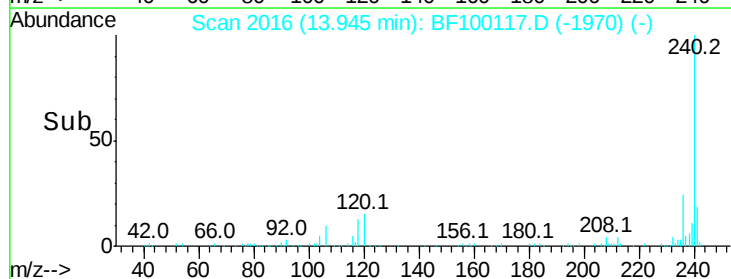
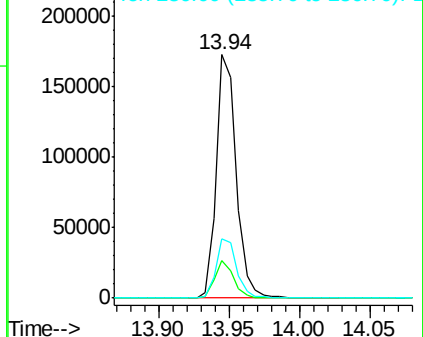


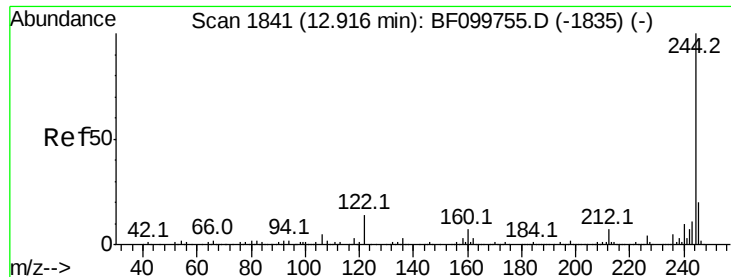
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. -0.03 min
 Lab File: BF100117.D
 Acq: 3 Nov 2017 6:48

Tgt Ion:240 Resp: 169857
 Ion Ratio Lower Upper
 240 100
 120 15.2 9.5 14.3#
 236 24.4 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: 99.456 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.02 min

Lab File: BF100117.D

Acq: 3 Nov 2017 6:48

Instrument :

BNA_F

ClientSampleId :

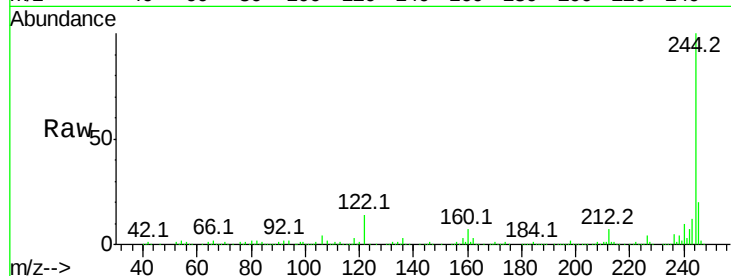
Tot Ion:244 Resp: 773018

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

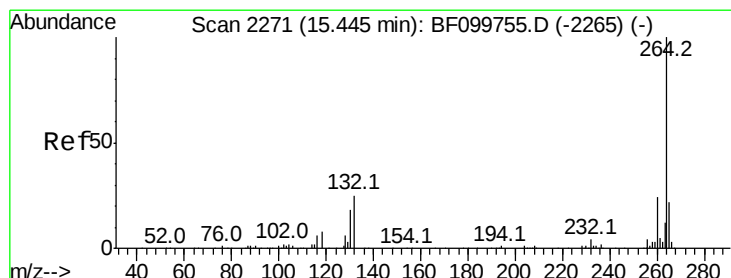
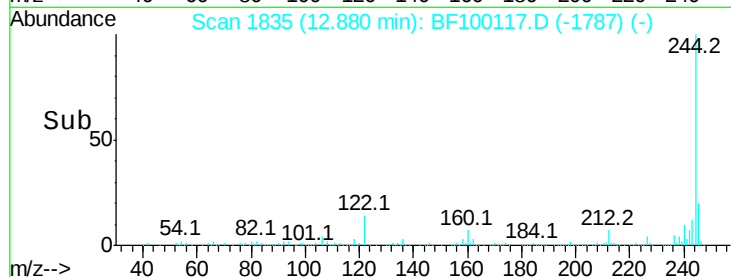
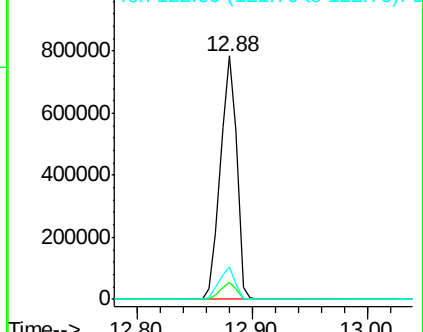
122 13.5 11.0 16.4



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: 15.41 min Scan# 2265

Delta R.T. -0.05 min

Lab File: BF100117.D

Acq: 3 Nov 2017 6:48

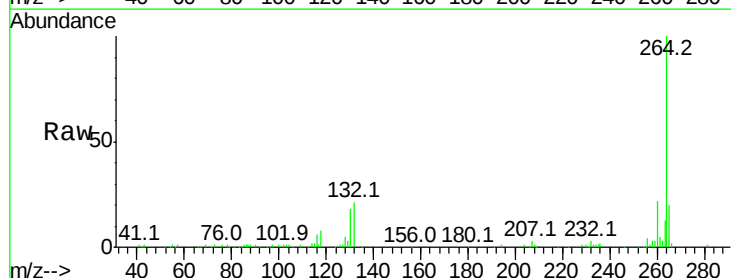
Tgt Ion:264 Resp: 139503

Ion Ratio Lower Upper

264 100

260 22.1 19.2 28.8

265 20.1 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

