

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110417\
 Data File : BF100193.D
 Acq On : 4 Nov 2017 21:51
 Operator : SJ/JU
 Sample : I6313-12
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 05 23:53:07 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

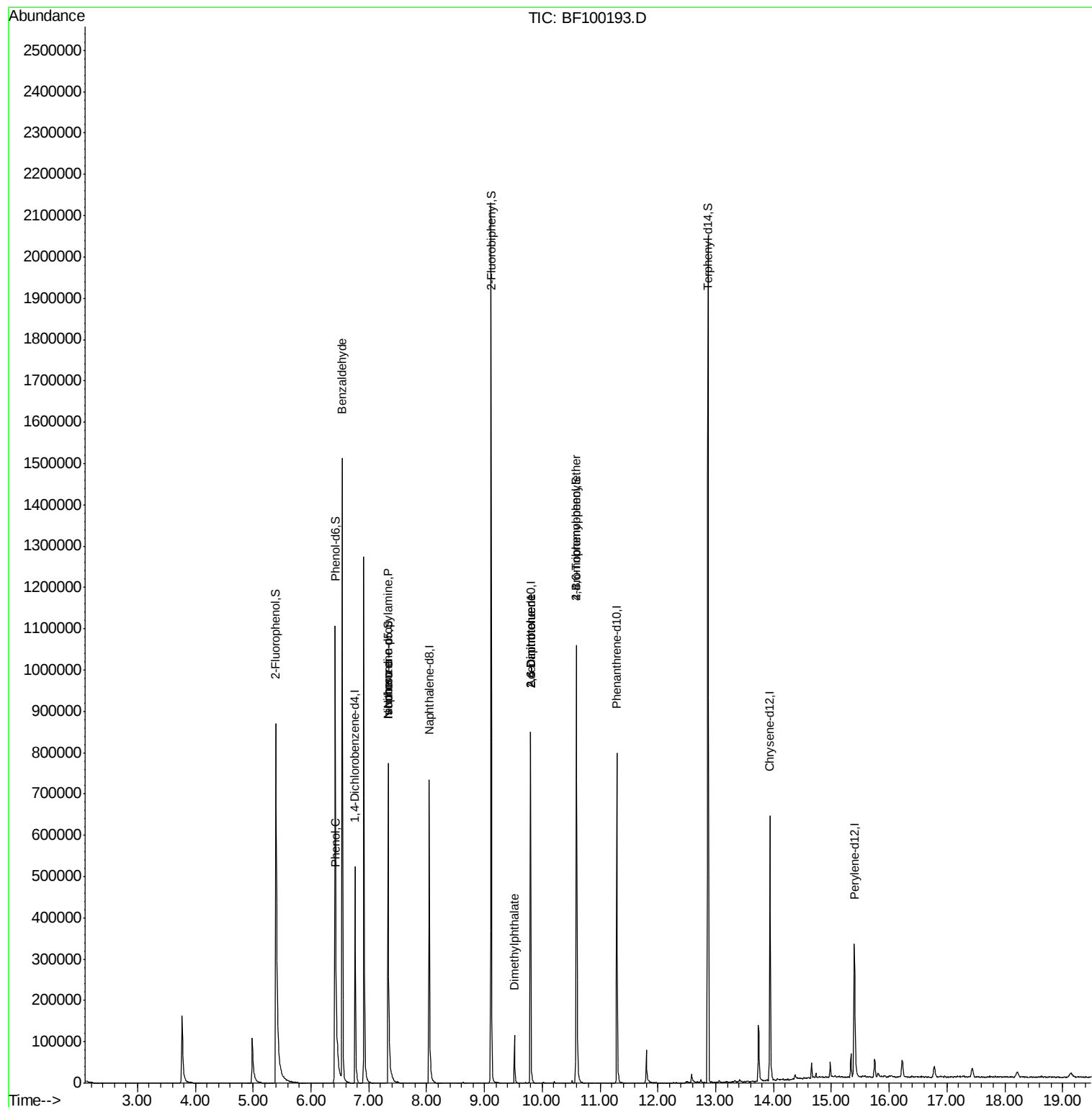
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	91058	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	385080	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	184692	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	347602	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	236276	20.00	ng	-0.01
86) Perylene-d12	15.40	264	171062	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	481926	83.09	ng	0.00
7) Phenol-d6	6.42	99	583719	84.88	ng	-0.01
23) Nitrobenzene-d5	7.33	82	319503	53.42	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	141725	84.20	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	685529	57.27	ng	-0.01
78) Terphenyl-d14	12.87	244	643856	59.55	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.54	77	8666	2.109	ng	94
10) Phenol	6.43	94	22718	3.009	ng	# 75
19) n-Nitroso-di-n-propylamine	7.33	70	38462	9.543	ng	# 76
25) Isophorone	7.33	82	319503	29.438	ng	# 64
49) Dimethylphthalate	9.52	163	62556	4.277	ng	99
50) 2,6-Dinitrotoluene	9.79	165	23085	7.508	ng	# 25
56) 2,4-Dinitrotoluene	9.79	165	23085	6.234	ng	# 22
66) 4-Bromophenyl-phenylether	10.59	248	9691	2.648	ng	# 1

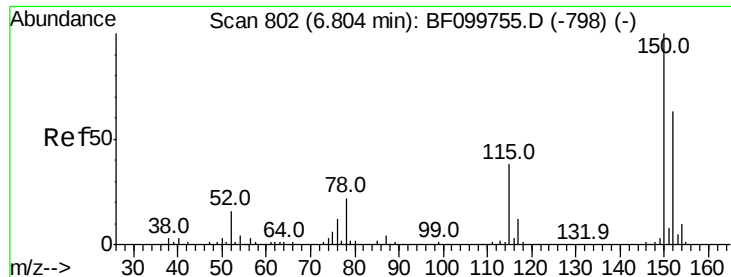
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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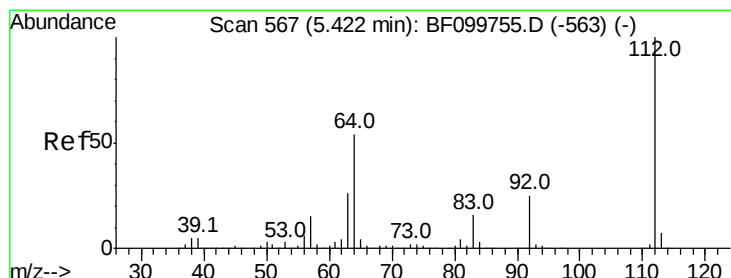
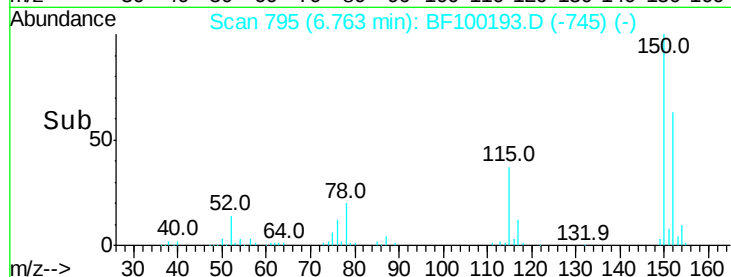
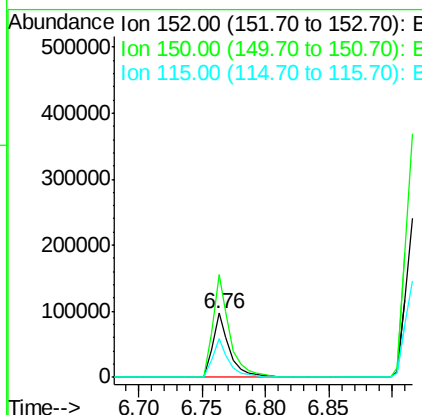
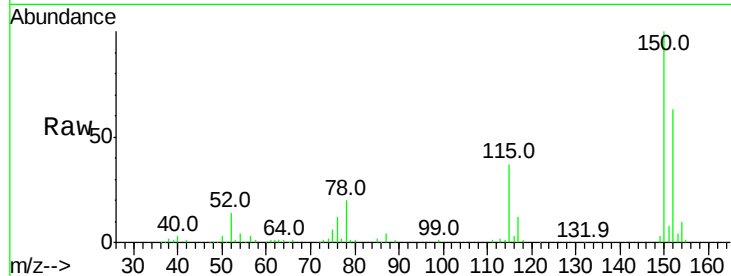


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF100193.D
Acq: 4 Nov 2017 21:51

Instrument :
BNA_F
ClientSampleId :

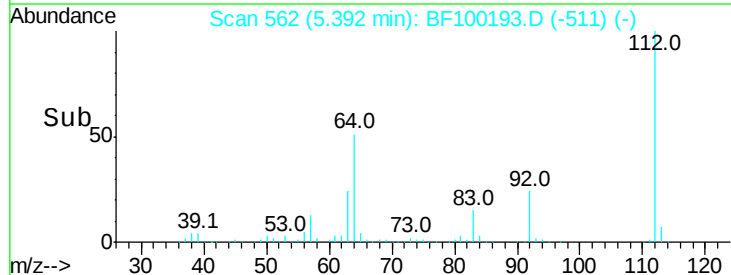
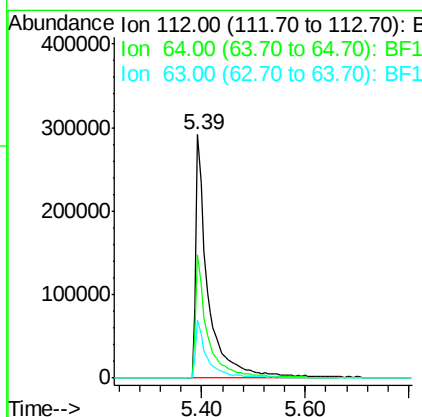
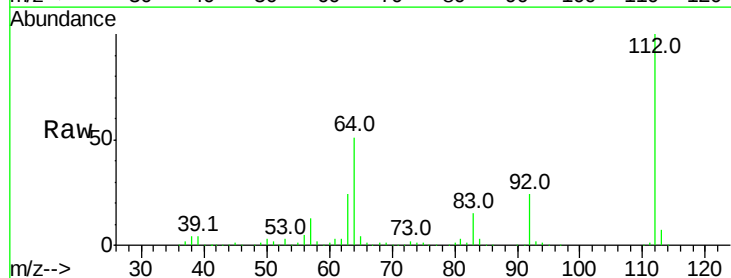
Tot Ion:152 Resp: 91058
Ion Ratio Lower Upper
152 100
150 160.0 124.6 186.8
115 59.6 50.1 75.1



#5

2-Fluorophenol
Concen: 83.091 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.00 min
Lab File: BF100193.D
Acq: 4 Nov 2017 21:51

Tgt Ion:112 Resp: 481926
Ion Ratio Lower Upper
112 100
64 50.9 47.9 71.9
63 23.7 23.7 35.5





#7

Phenol-d6

Concen: 84.878 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF100193.D

Acq: 4 Nov 2017 21:51

Instrument :

BNA_F

ClientSampleId :

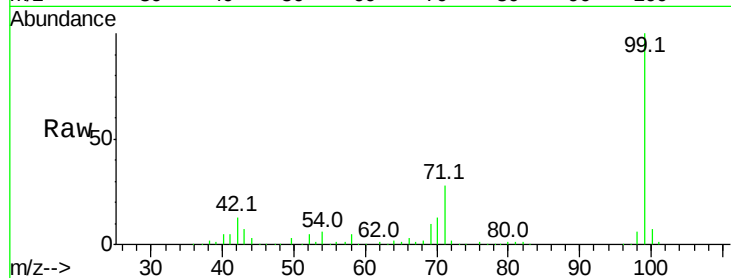
Tot Ion: 99 Resp: 583719

Ion Ratio Lower Upper

99 100

42 13.0 14.5 21.7#

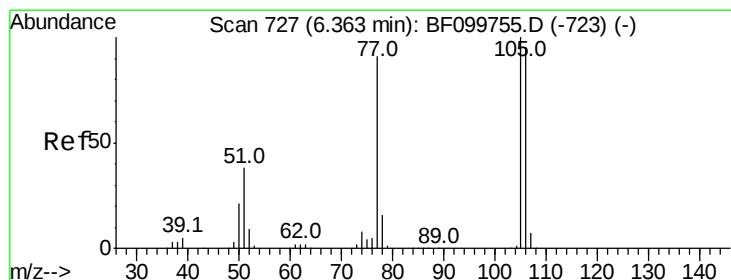
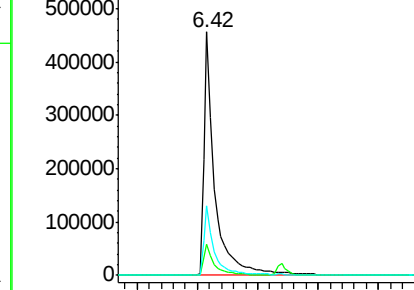
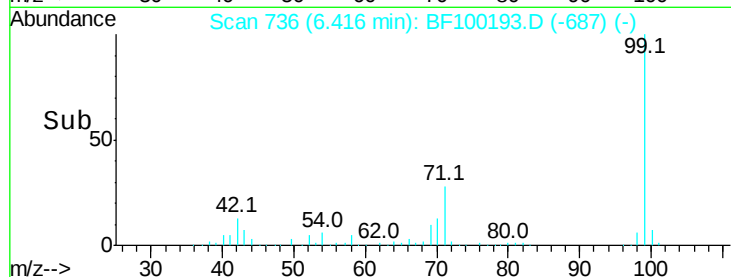
71 28.3 25.4 38.0



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: 2.109 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.21 min

Lab File: BF100193.D

Acq: 4 Nov 2017 21:51

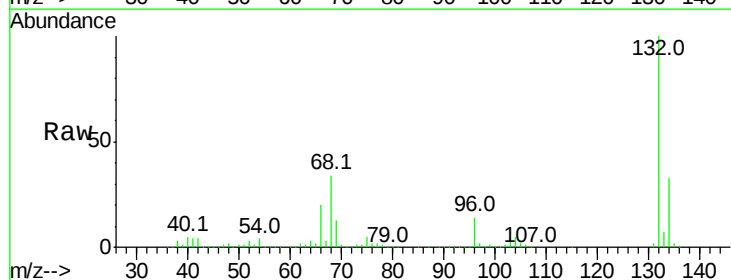
Tgt Ion: 77 Resp: 8666

Ion Ratio Lower Upper

77 100

105 94.8 81.1 121.1

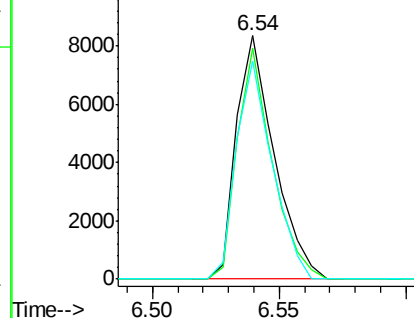
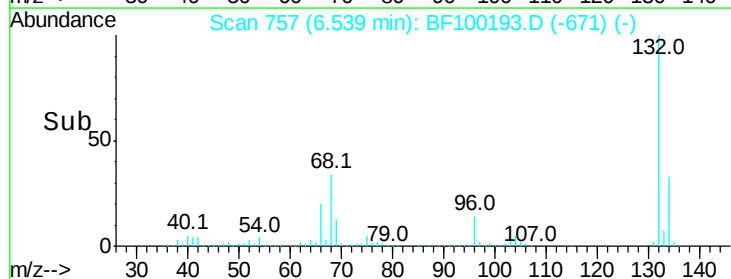
106 89.6 74.5 114.5

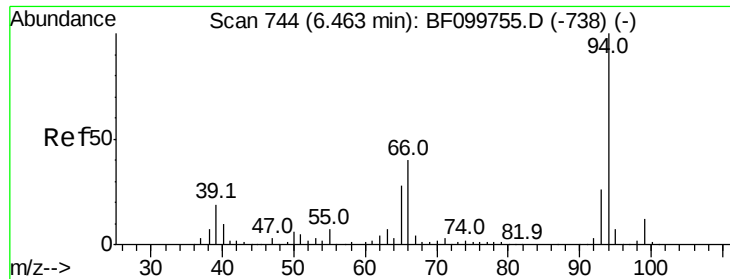


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

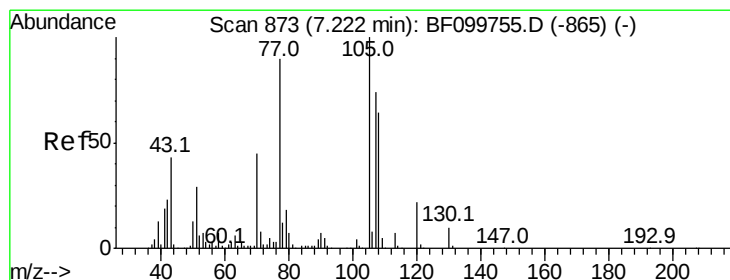
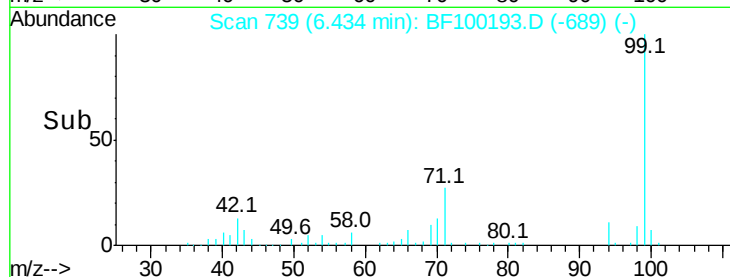
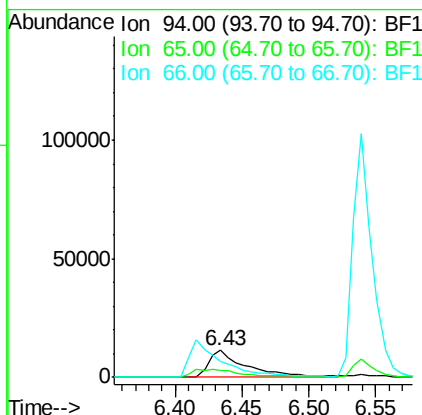
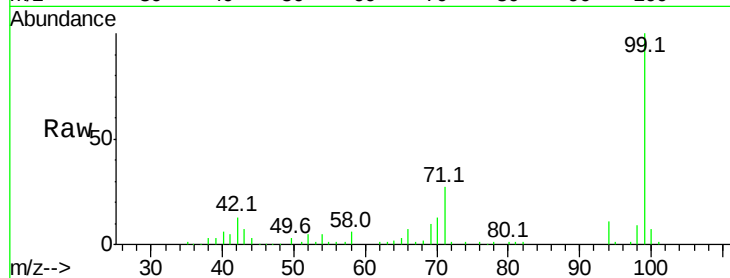




#10
Phenol
Concen: 3.009 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF100193.D
Acq: 4 Nov 2017 21:51

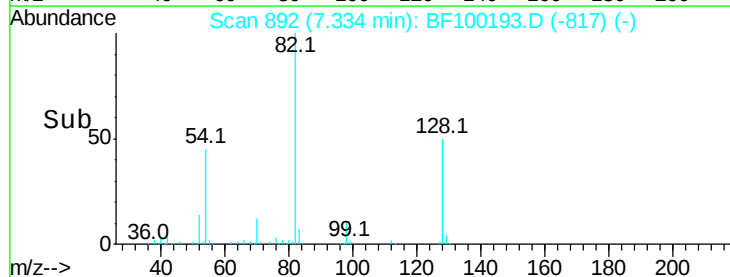
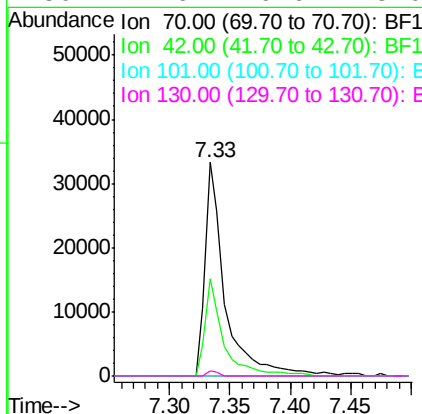
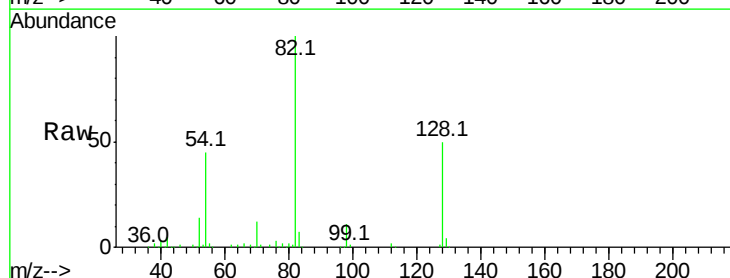
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 94 Resp: 22718
Ion Ratio Lower Upper
94 100
65 24.6 7.9 47.9
66 59.2 16.2 56.2#



#19
n-Nitroso-di-n-propylamine
Concen: 9.543 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.14 min
Lab File: BF100193.D
Acq: 4 Nov 2017 21:51

Tgt Ion: 70 Resp: 38462
Ion Ratio Lower Upper
70 100
42 45.5 47.5 71.3#
101 0.0 7.4 11.2#
130 2.6 16.6 25.0#

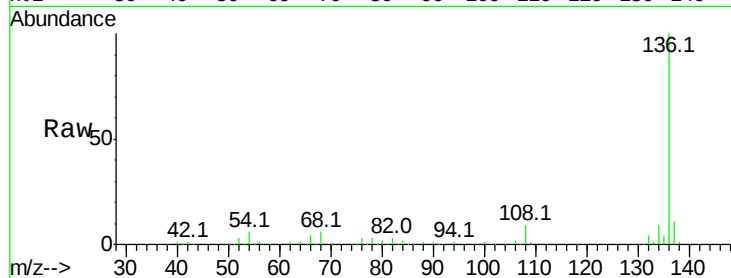




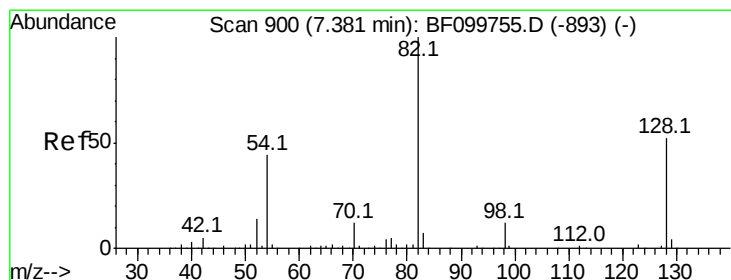
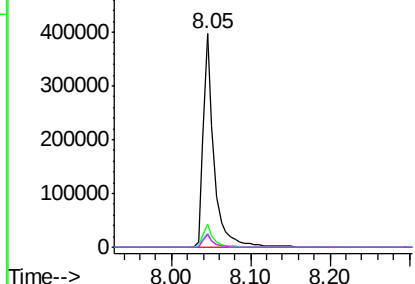
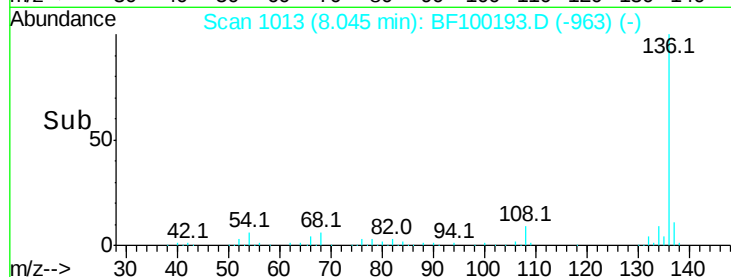
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF100193.D
Acq: 4 Nov 2017 21:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	385080
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.5	6.6	9.8#
68	5.9	5.0	7.4

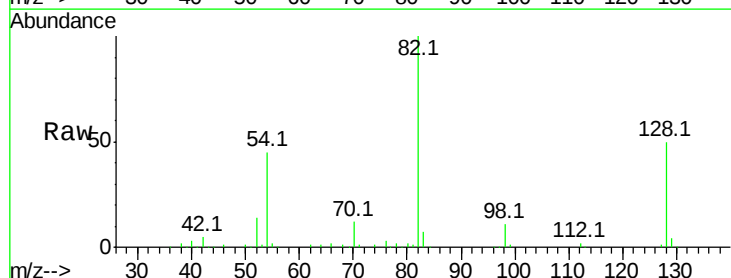


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

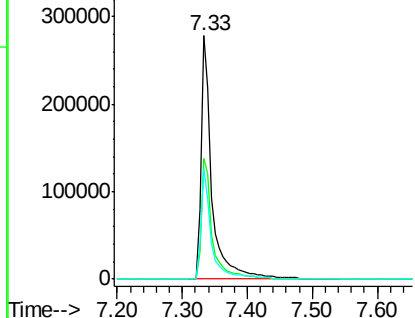
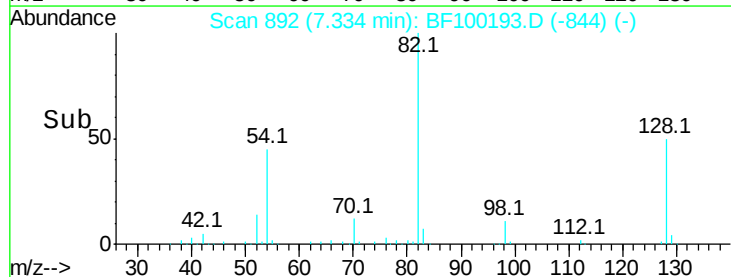


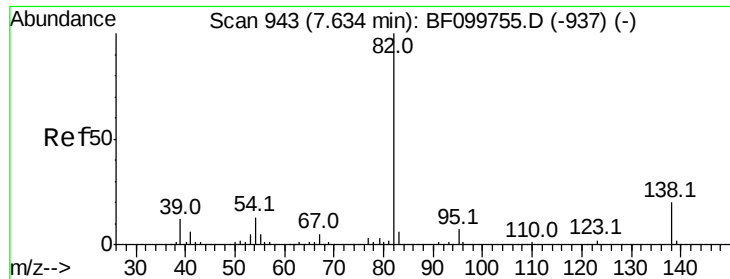
#23
Nitrobenzene-d5
Concen: 53.417 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.02 min
Lab File: BF100193.D
Acq: 4 Nov 2017 21:51

Tgt Ion:	82	Resp:	319503
Ion	Ratio	Lower	Upper
82	100		
128	49.6	36.1	54.1
54	45.3	41.4	62.2



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





#25

Isophorone

Concen: 29.438 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.26 min

Lab File: BF100193.D

Acq: 4 Nov 2017 21:51

Instrument :

BNA_F

ClientSampleId :

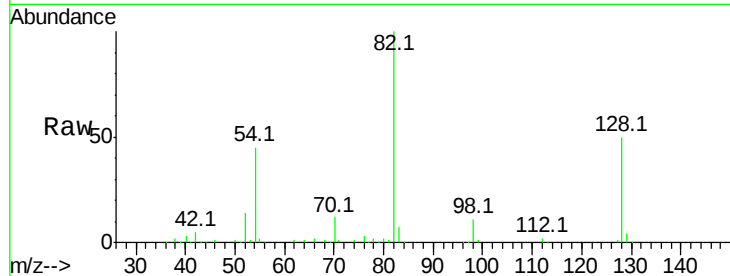
Tot Ion: 82 Resp: 319503

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

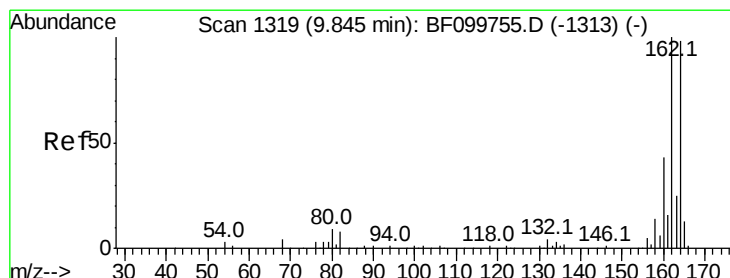
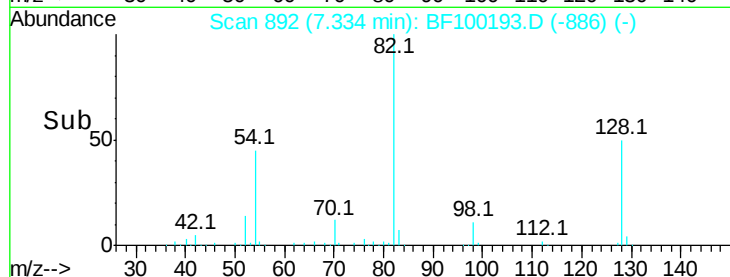
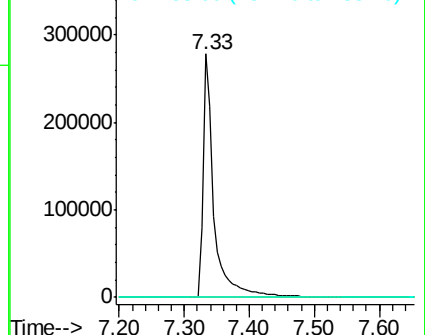
138 0.0 14.9 22.3#



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# 1311

Delta R.T. -0.01 min

Lab File: BF100193.D

Acq: 4 Nov 2017 21:51

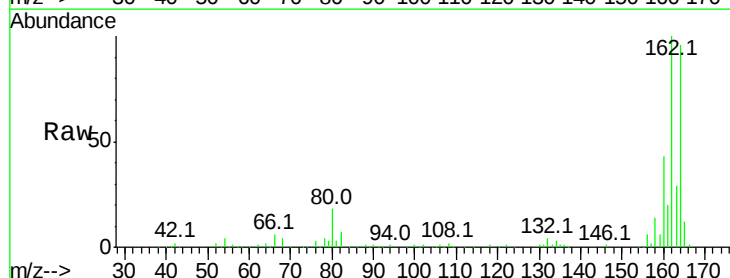
Tgt Ion:164 Resp: 184692

Ion Ratio Lower Upper

164 100

162 104.0 86.1 129.1

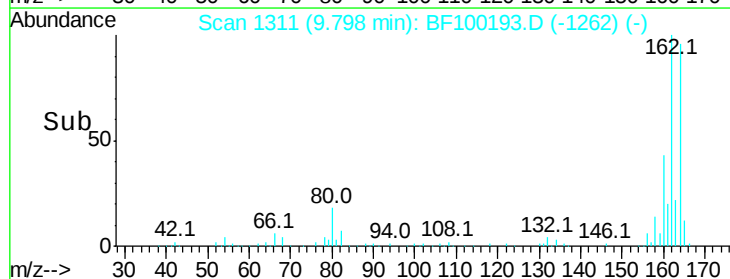
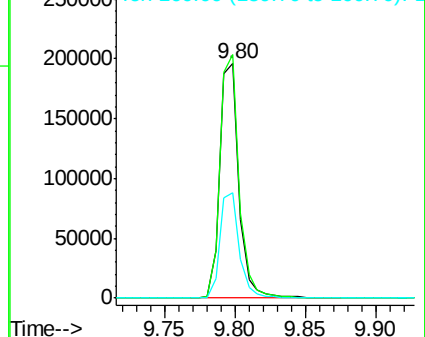
160 44.8 38.3 57.5



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

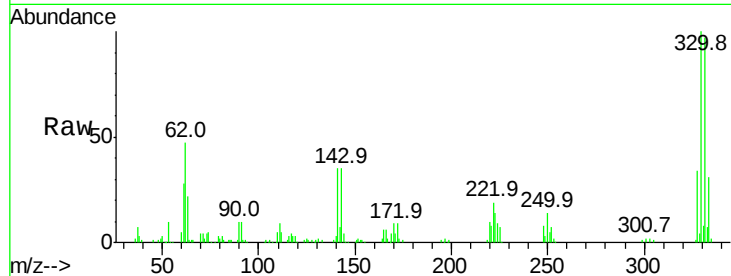




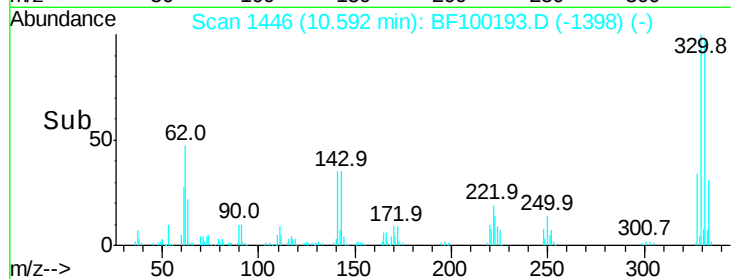
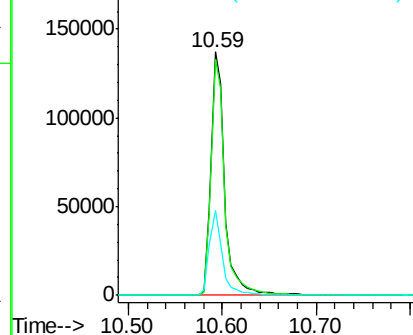
#41
 2,4,6-Tribromophenol
 Concen: 84.203 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.02 min
 Lab File: BF100193.D
 Acq: 4 Nov 2017 21:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	33.2	29.9	44.9

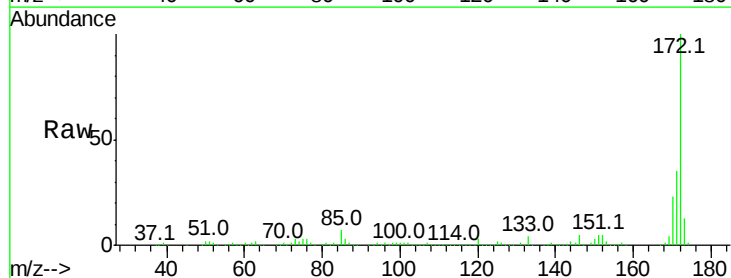


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

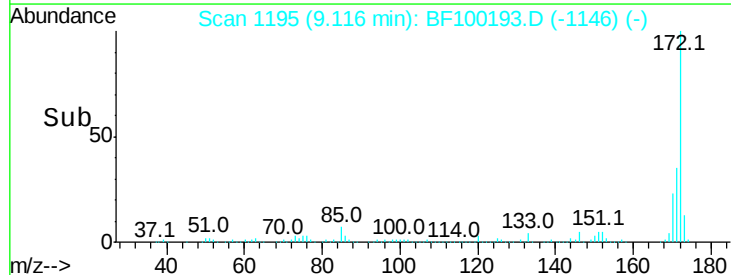
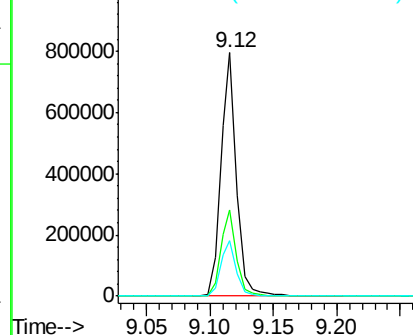


#44
 2-Fluorobiphenyl
 Concen: 57.266 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF100193.D
 Acq: 4 Nov 2017 21:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	22.8	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

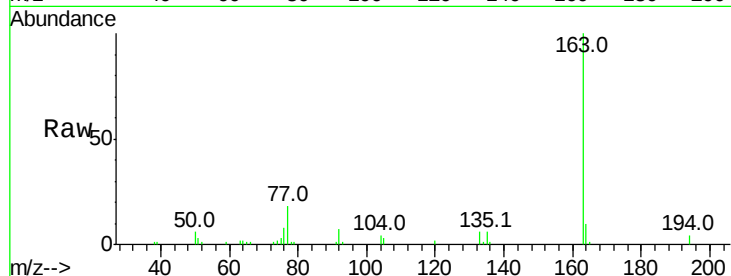




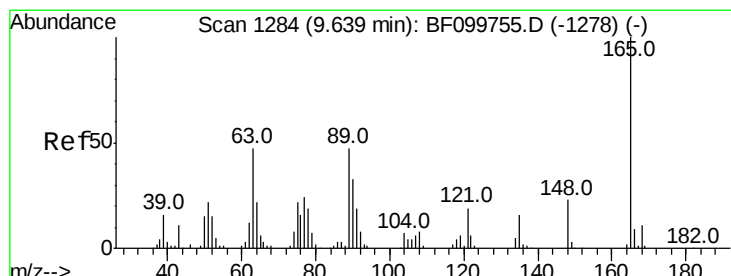
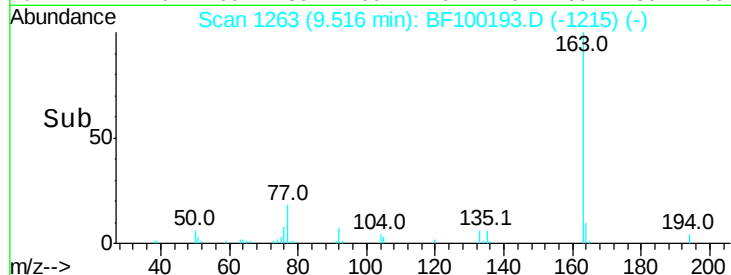
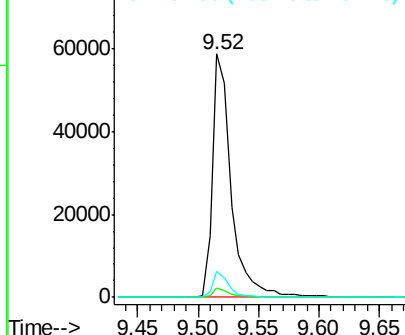
#49
Dimethylphthalate
Concen: 4.277 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BF100193.D
Acq: 4 Nov 2017 21:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	10.5	8.2	12.2

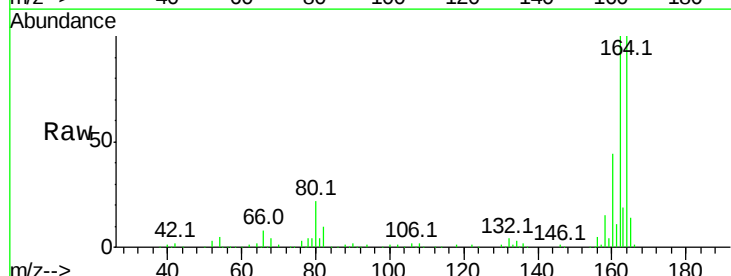


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

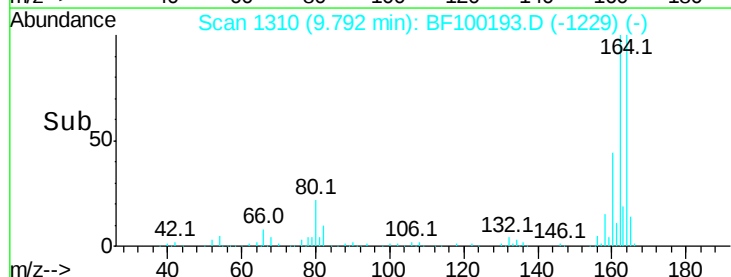
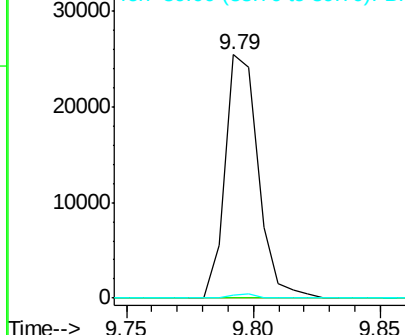


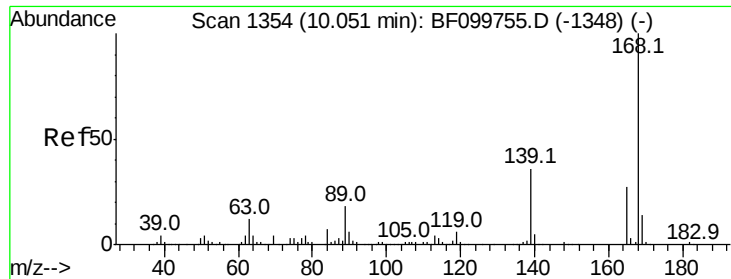
#50
2,6-Dinitrotoluene
Concen: 7.508 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.18 min
Lab File: BF100193.D
Acq: 4 Nov 2017 21:51

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.4	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

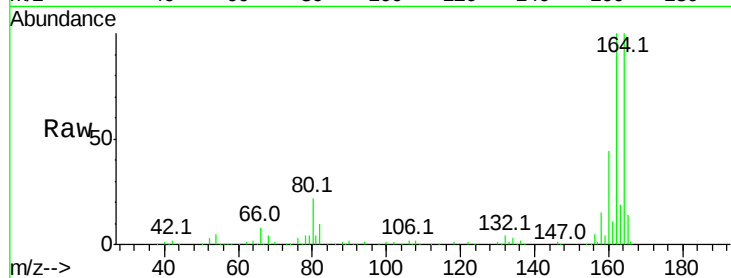




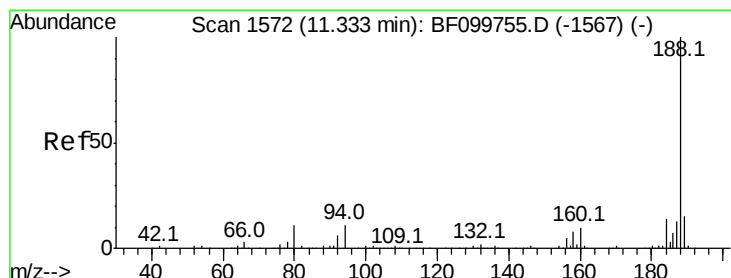
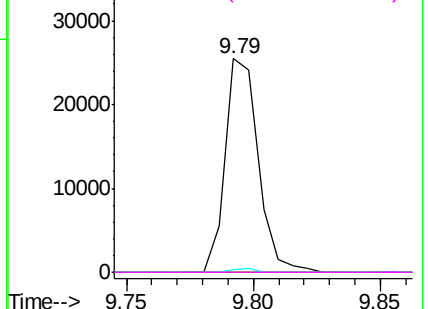
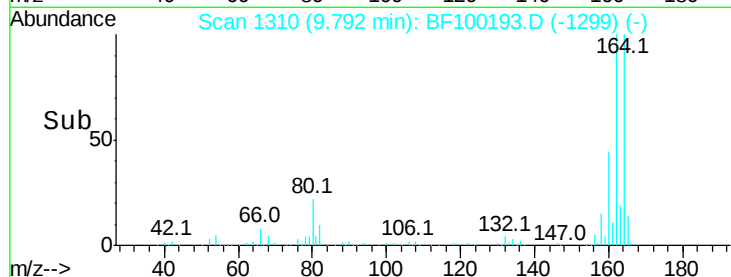
#56
 2,4-Dinitrotoluene
 Concen: 6.234 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.24 min
 Lab File: BF100193.D
 Acq: 4 Nov 2017 21:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 23085
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.4 54.6#
 89 1.4 57.8 86.6#
 182 0.0 1.6 2.4#

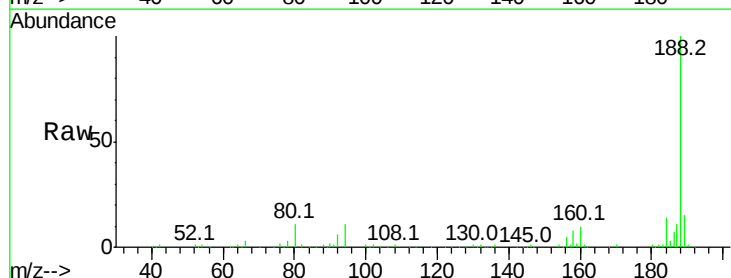


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

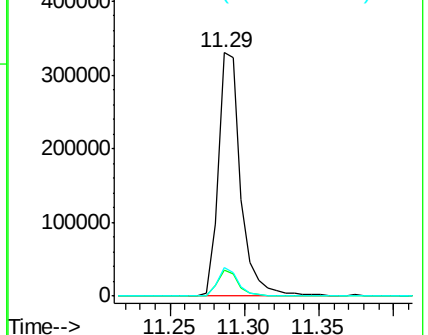
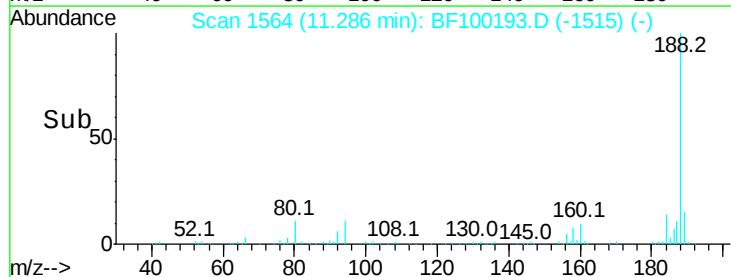


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF100193.D
 Acq: 4 Nov 2017 21:51

Tgt Ion:188 Resp: 347602
 Ion Ratio Lower Upper
 188 100
 94 10.9 8.5 12.7
 80 11.5 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

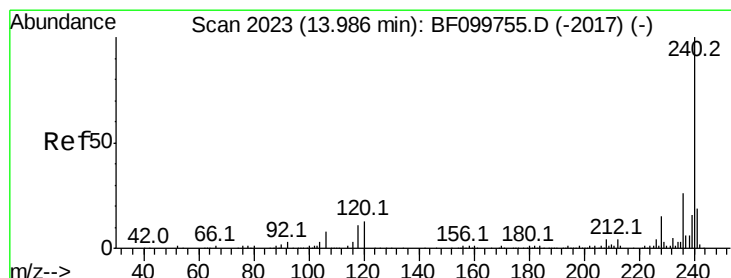
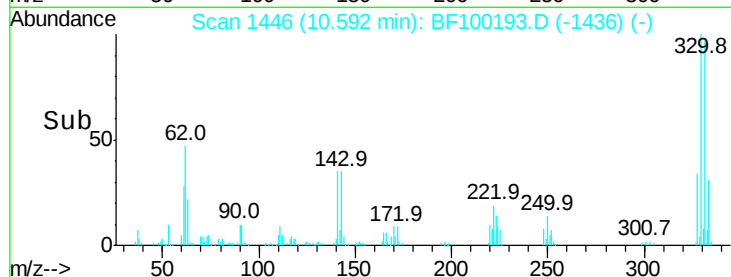
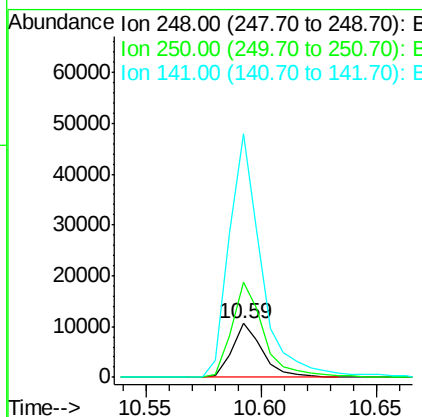
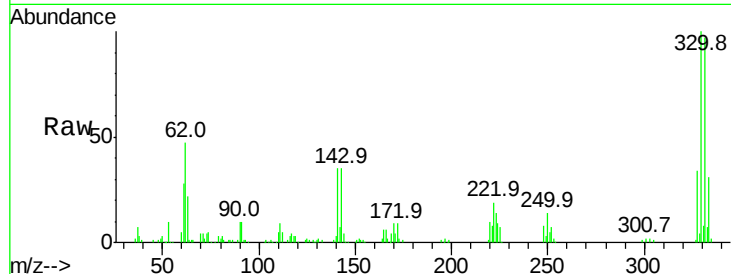




#66
 4-Bromophenyl-phenylether
 Concen: 2.648 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.24 min
 Lab File: BF100193.D
 Acq: 4 Nov 2017 21:51

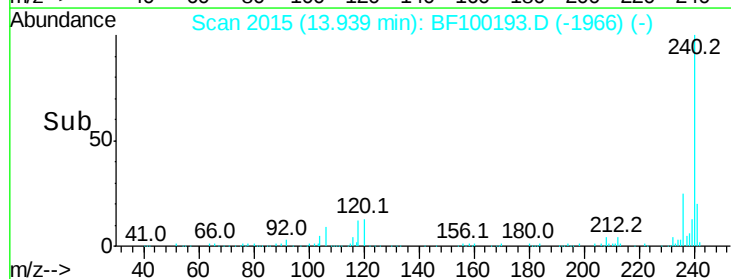
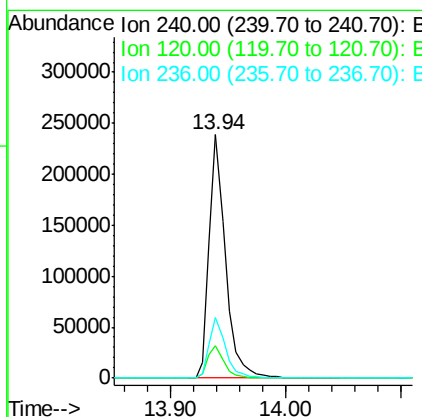
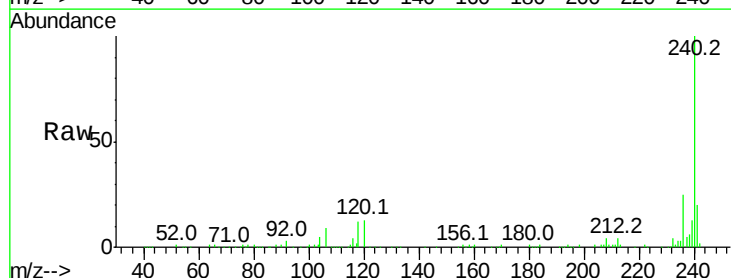
Instrument :
 BNA_F
 ClientSampleId :

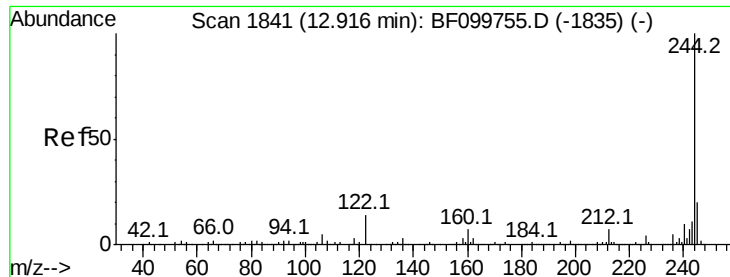
Tot Ion:248 Resp: 9691
 Ion Ratio Lower Upper
 248 100
 250 176.7 76.9 115.3#
 141 452.8 74.4 111.6#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF100193.D
 Acq: 4 Nov 2017 21:51

Tgt Ion:240 Resp: 236276
 Ion Ratio Lower Upper
 240 100
 120 13.1 9.5 14.3
 236 24.6 20.7 31.1





#78

Terphenyl-d14

Concen: 59.552 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BF100193.D

Acq: 4 Nov 2017 21:51

Instrument :

BNA_F

ClientSampled :

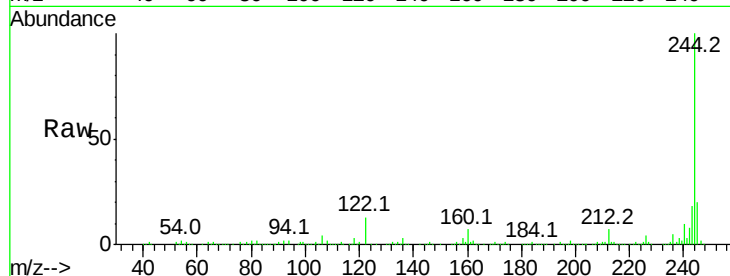
Tot Ion:244 Resp: 643856

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

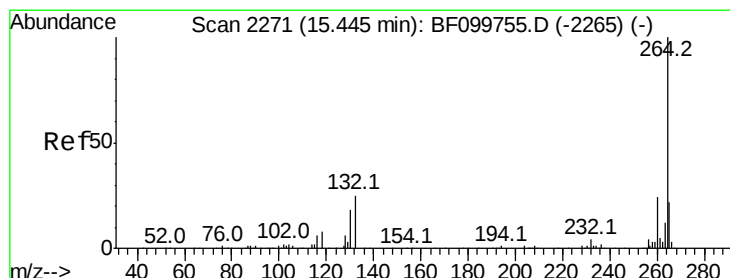
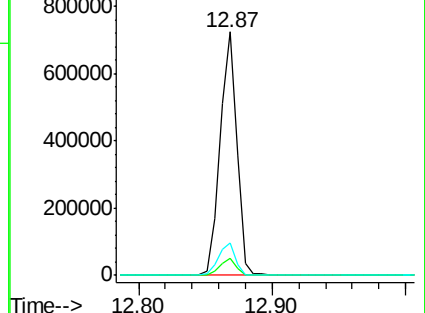
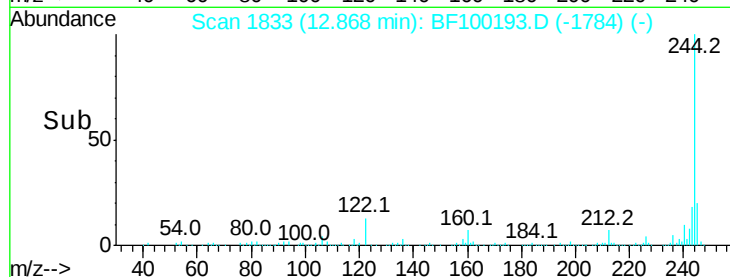
122 13.2 11.0 16.4



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: 15.40 min Scan# 2263

Delta R.T. -0.01 min

Lab File: BF100193.D

Acq: 4 Nov 2017 21:51

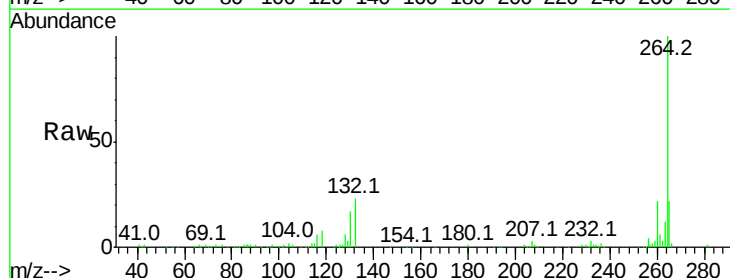
Tgt Ion:264 Resp: 171062

Ion Ratio Lower Upper

264 100

260 22.4 19.2 28.8

265 21.9 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

