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 Data File : BF100190.D
 Acq On : 4 Nov 2017 20:31
 Operator : SJ/JU
 Sample : I6313-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 05 23:52:23 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

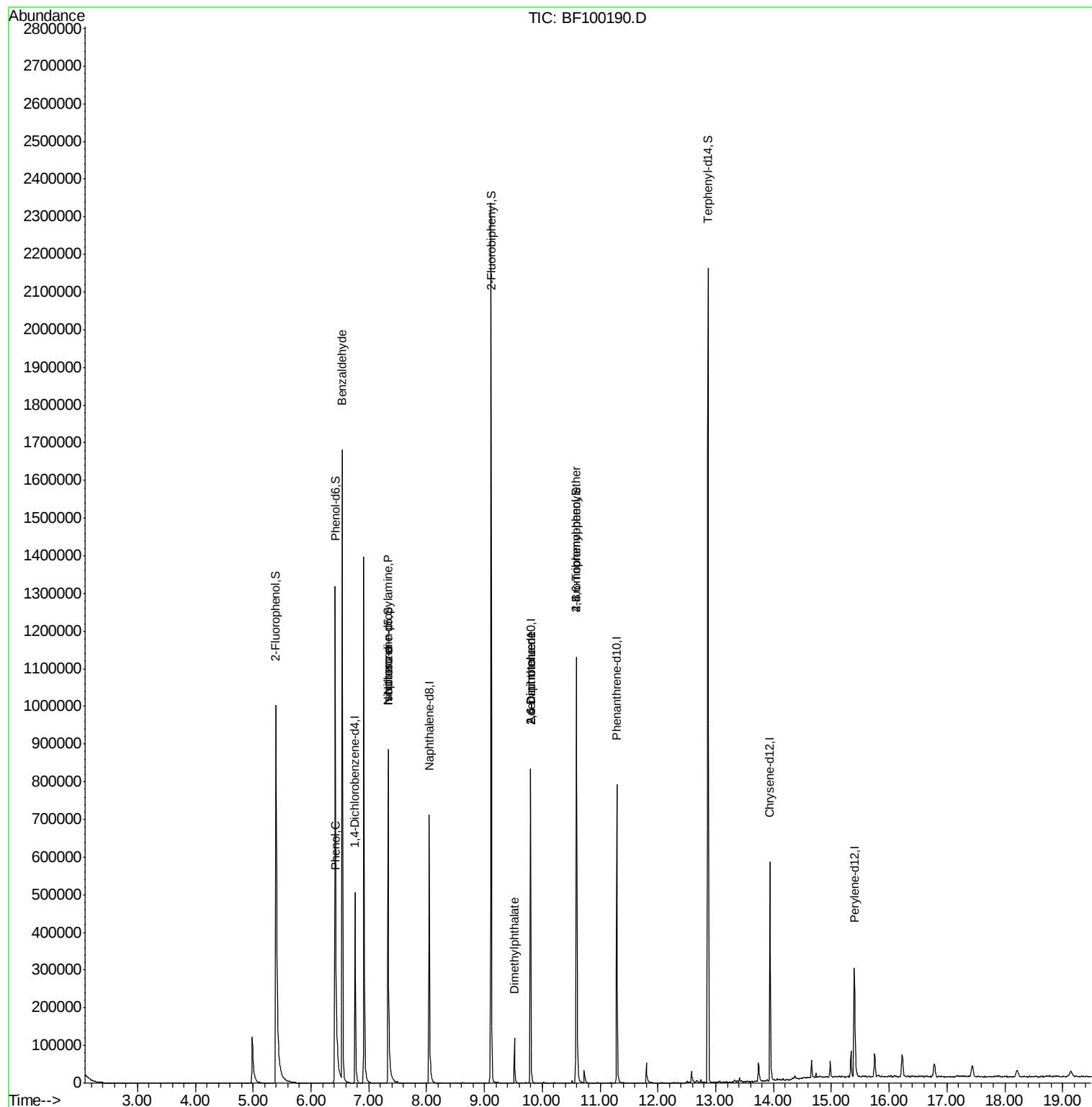
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	89306	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	371300	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	175587	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	325931	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	213261	20.00	ng	-0.01
86) Perylene-d12	15.40	264	159938	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	531584	93.45	ng	0.00
7) Phenol-d6	6.42	99	652535	96.75	ng	-0.01
23) Nitrobenzene-d5	7.33	82	355056	61.56	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	153214	95.75	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	766923	67.39	ng	-0.01
78) Terphenyl-d14	12.87	244	709397	72.69	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.54	77	9397	2.331	ng	90
10) Phenol	6.43	94	26124	3.528	ng	# 74
19) n-Nitroso-di-n-propylamine	7.33	70	43706	11.057	ng	# 71
25) Isophorone	7.33	82	355056	33.927	ng	# 64
49) Dimethylphthalate	9.52	163	61413	4.417	ng	100
50) 2,6-Dinitrotoluene	9.80	165	22168	7.584	ng	# 25
56) 2,4-Dinitrotoluene	9.80	165	22168	6.297	ng	# 23
66) 4-Bromophenyl-phenylether	10.59	248	9869	2.876	ng	# 1

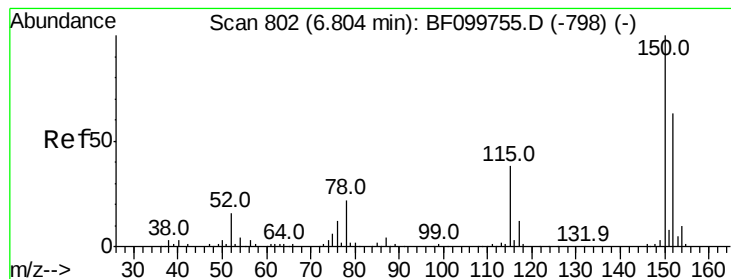
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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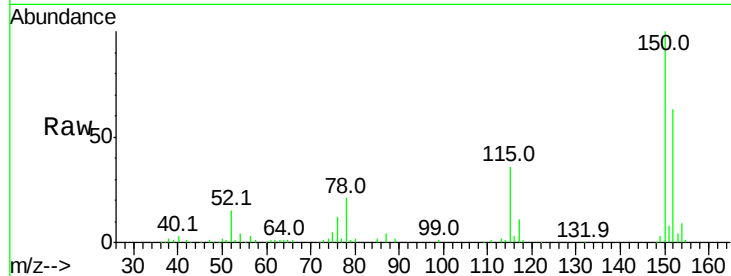


#1

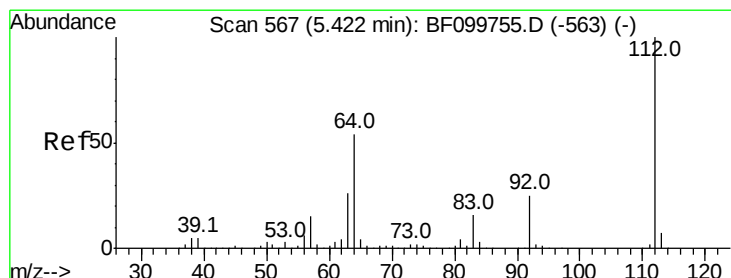
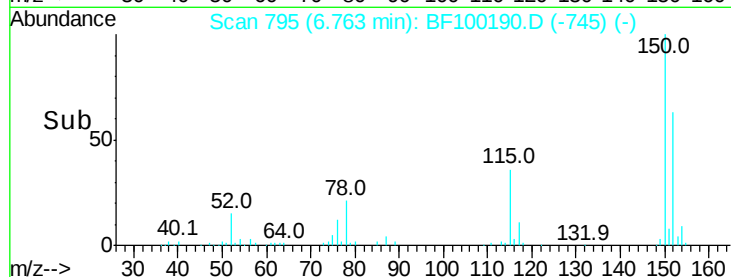
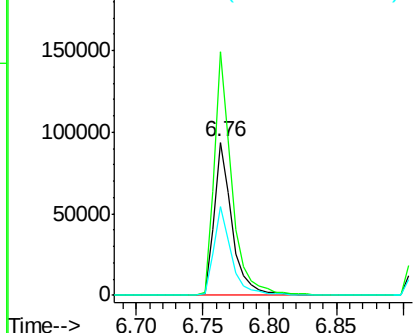
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.76 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF100190.D
 Acq: 4 Nov 2017 20:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 89306
 Ion Ratio Lower Upper
 152 100
 150 159.0 124.6 186.8
 115 57.8 50.1 75.1



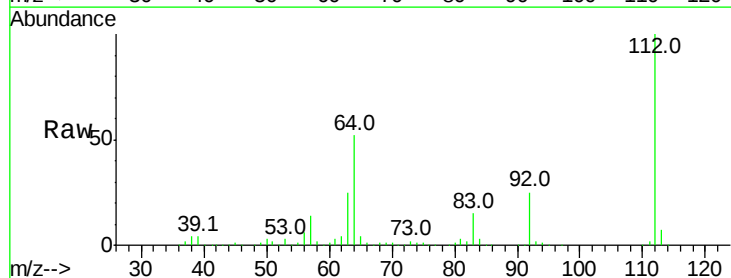
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



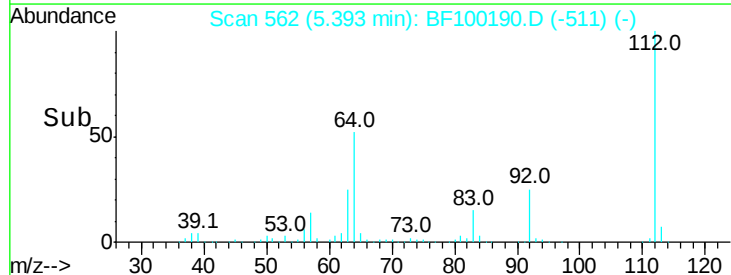
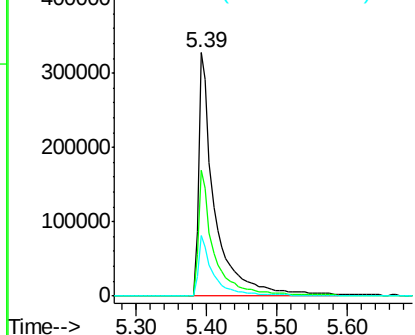
#5

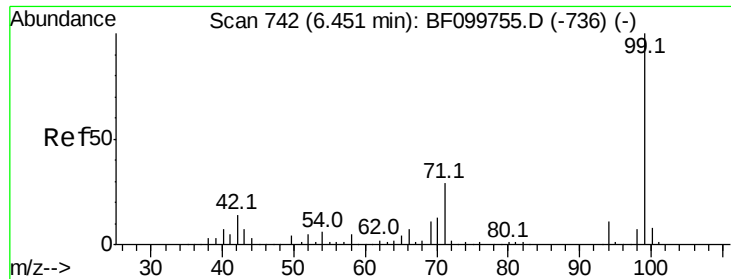
2-Fluorophenol
 Concen: 93.450 ng
 RT: 5.39 min Scan# 562
 Delta R.T. 0.00 min
 Lab File: BF100190.D
 Acq: 4 Nov 2017 20:31

Tgt Ion:112 Resp: 531584
 Ion Ratio Lower Upper
 112 100
 64 51.9 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): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 96.746 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF100190.D

Acq: 4 Nov 2017 20:31

Instrument :

BNA_F

ClientSampleId :

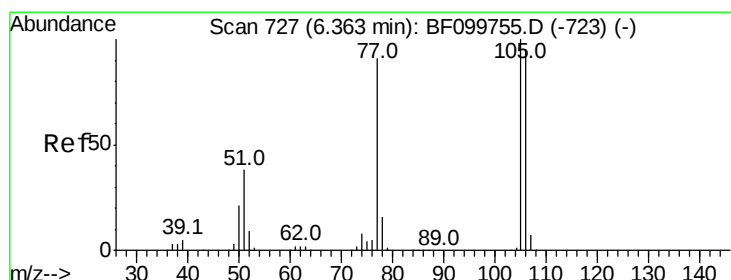
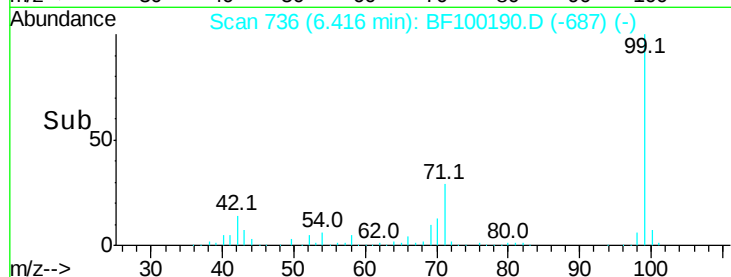
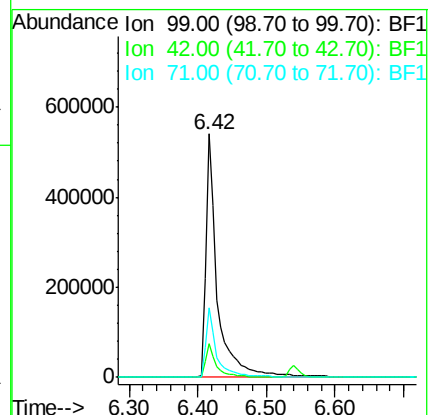
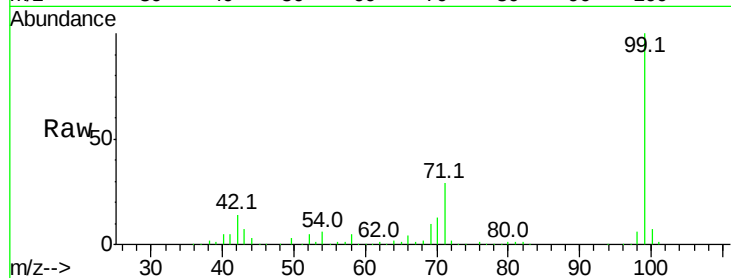
Tot Ion: 99 Resp: 652535

Ion Ratio Lower Upper

99 100

42 13.6 14.5 21.7#

71 28.6 25.4 38.0



#9

Benzaldehyde

Concen: 2.331 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.21 min

Lab File: BF100190.D

Acq: 4 Nov 2017 20:31

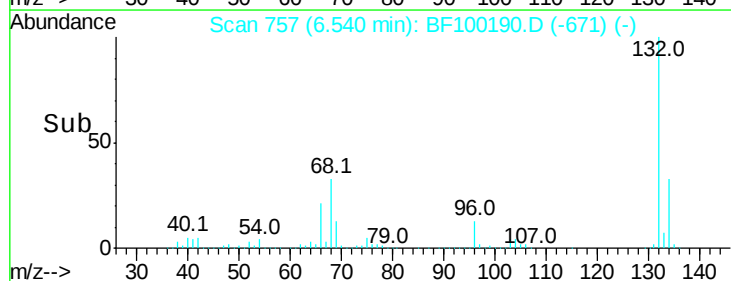
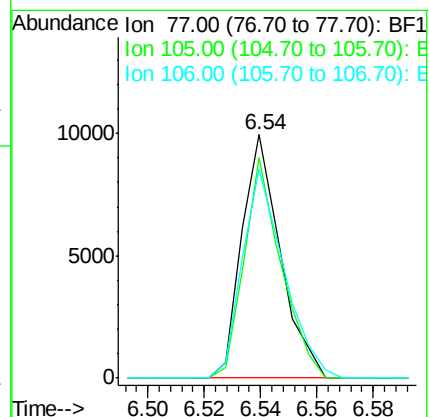
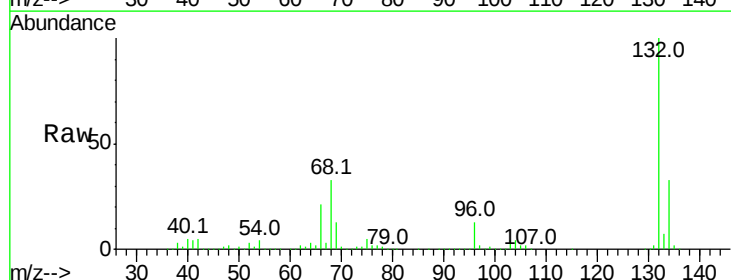
Tgt Ion: 77 Resp: 9397

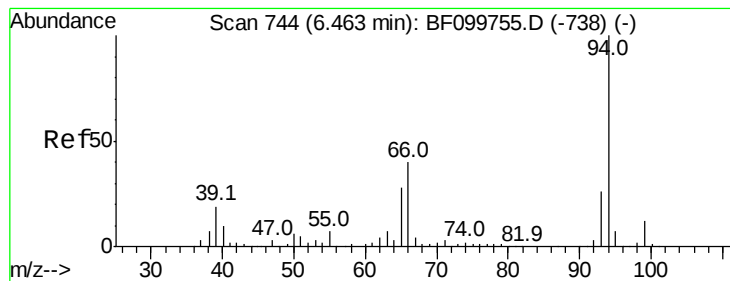
Ion Ratio Lower Upper

77 100

105 90.3 81.1 121.1

106 85.7 74.5 114.5





#10

Phenol

Concen: 3.528 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF100190.D

Acq: 4 Nov 2017 20:31

Instrument :

BNA_F

ClientSampleId :

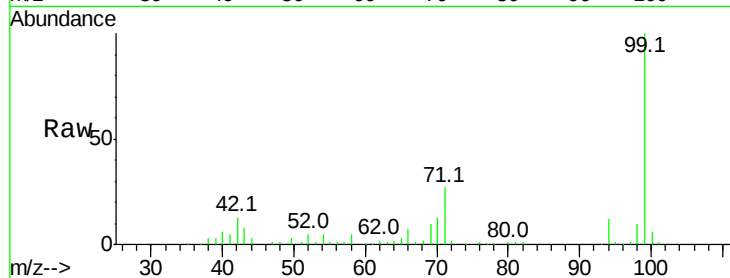
Tot Ion: 94 Resp: 26124

Ion Ratio Lower Upper

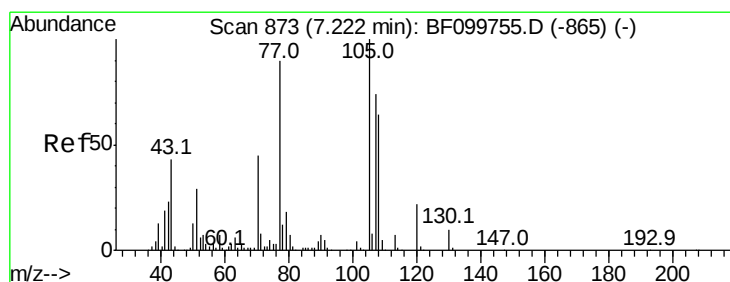
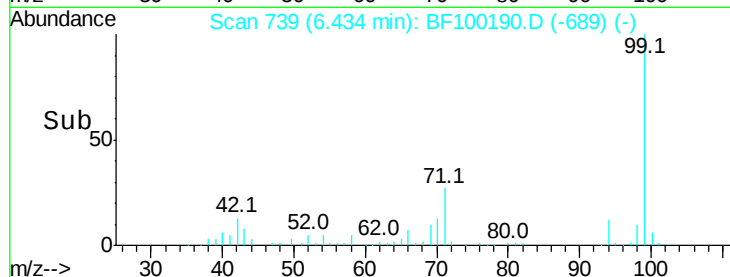
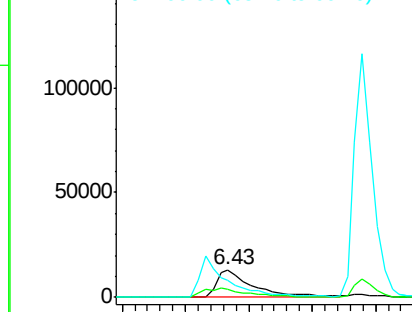
94 100

65 27.7 7.9 47.9

66 63.1 16.2 56.2#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 11.057 ng

RT: 7.33 min Scan# 892

Delta R.T. 0.14 min

Lab File: BF100190.D

Acq: 4 Nov 2017 20:31

Tgt Ion: 70 Resp: 43706

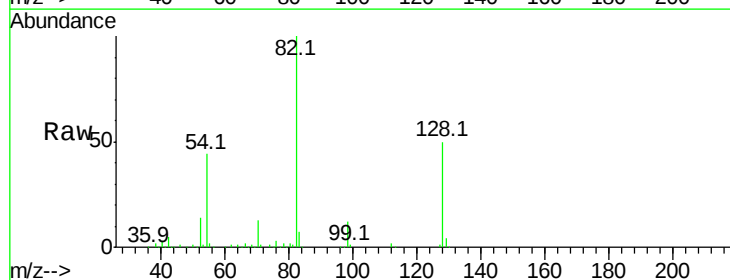
Ion Ratio Lower Upper

70 100

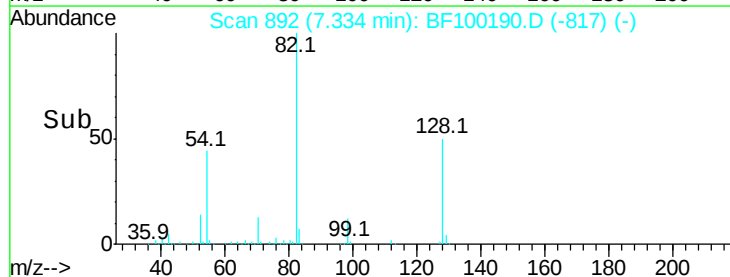
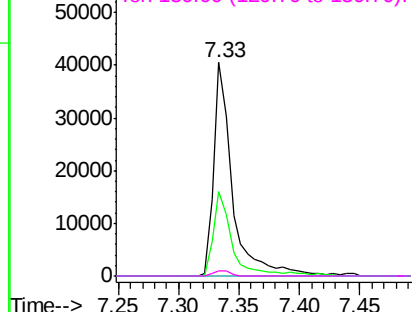
42 39.4 47.5 71.3#

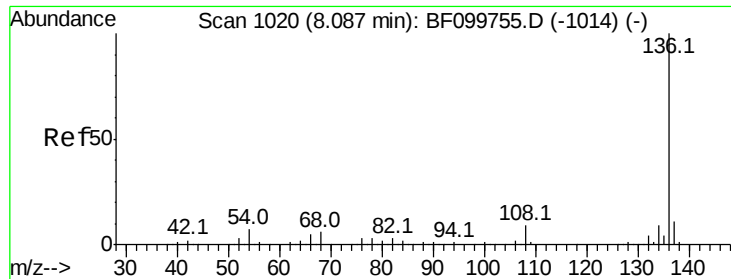
101 0.0 7.4 11.2#

130 2.4 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

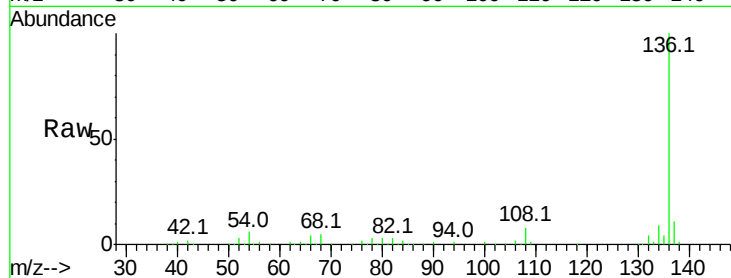




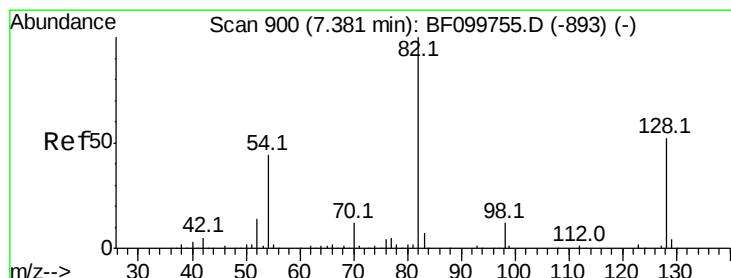
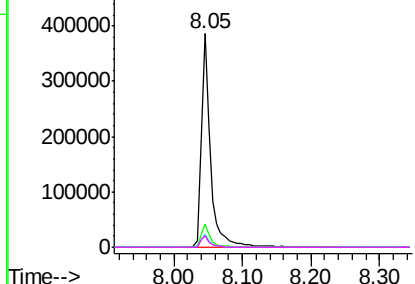
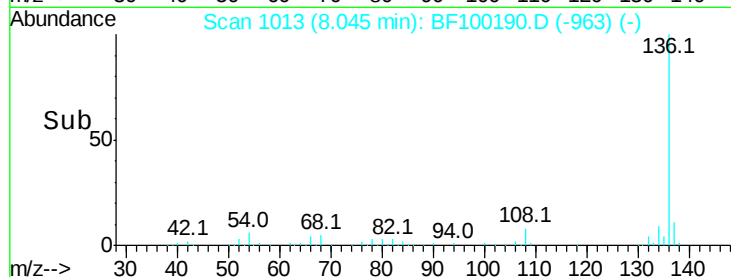
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF100190.D
Acq: 4 Nov 2017 20:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	371300
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	6.2	6.6	9.8#
68	5.4	5.0	7.4

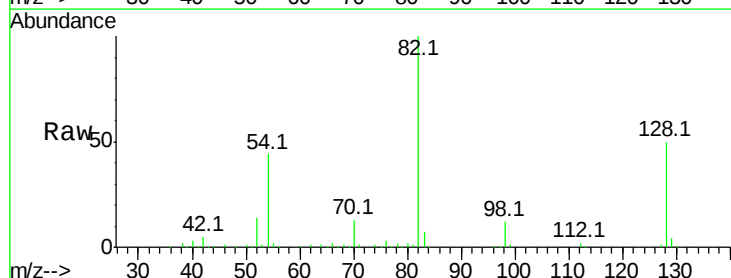


Abundance Ion 136.00 (135.70 to 136.70): E
600000
Ion 137.00 (136.70 to 137.70): E
500000
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

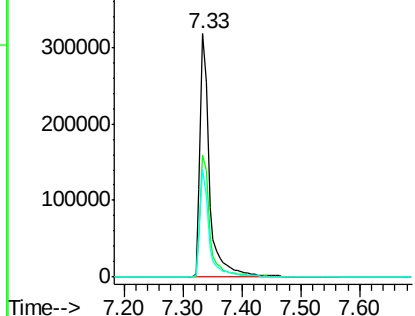
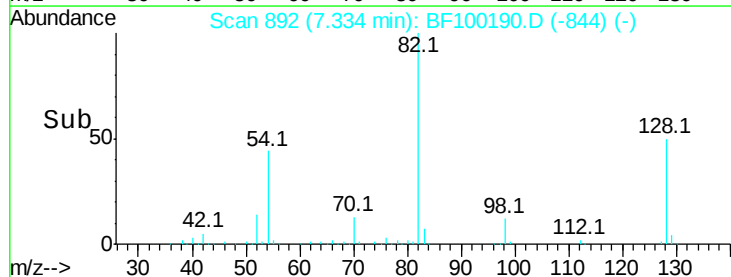


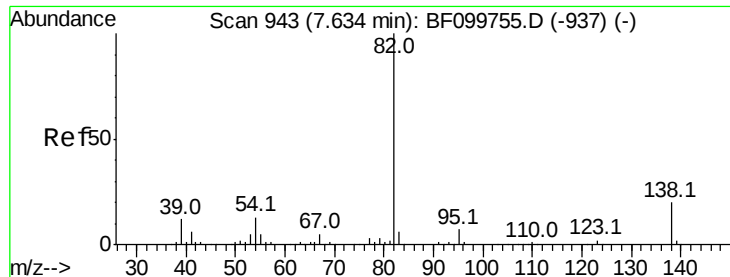
#23
Nitrobenzene-d5
Concen: 61.564 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.02 min
Lab File: BF100190.D
Acq: 4 Nov 2017 20:31

Tgt Ion:	82	Resp:	355056
Ion	Ratio	Lower	Upper
82	100		
128	50.3	36.1	54.1
54	44.1	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
400000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

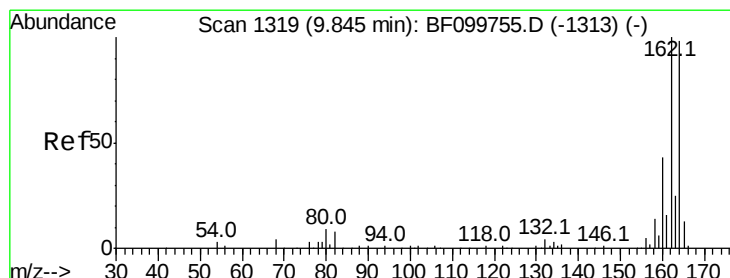
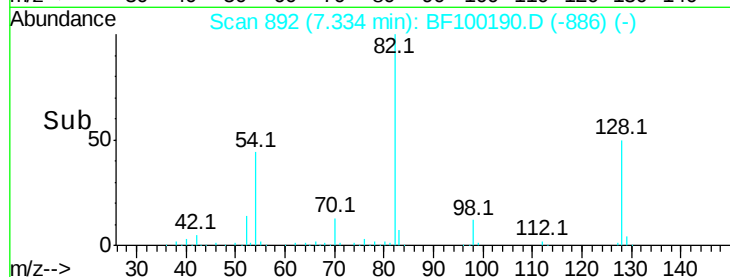
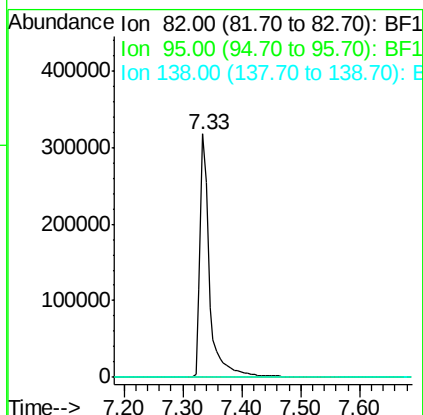
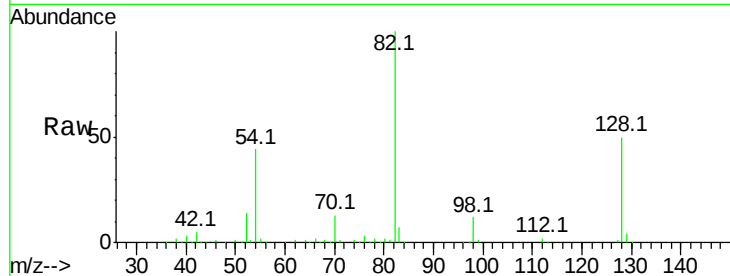




#25
Isophorone
Concen: 33.927 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.26 min
Lab File: BF100190.D
Acq: 4 Nov 2017 20:31

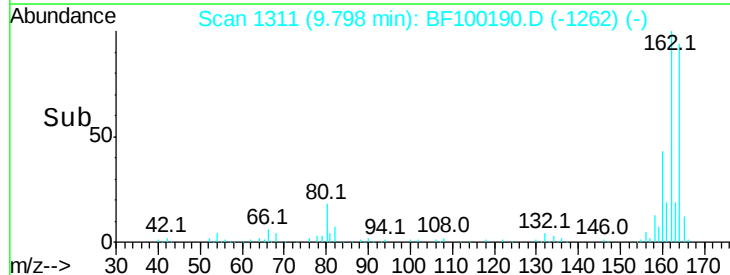
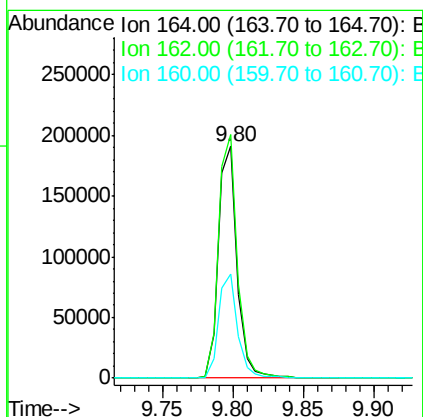
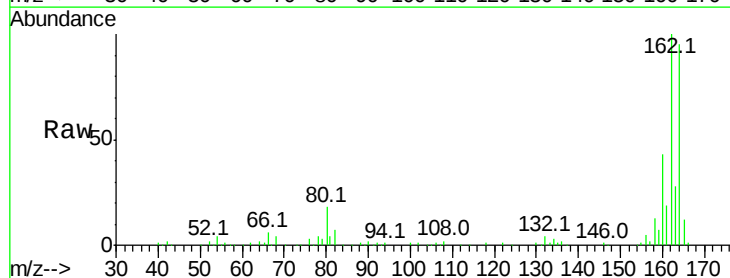
Instrument :
BNA_F
ClientSampleId :

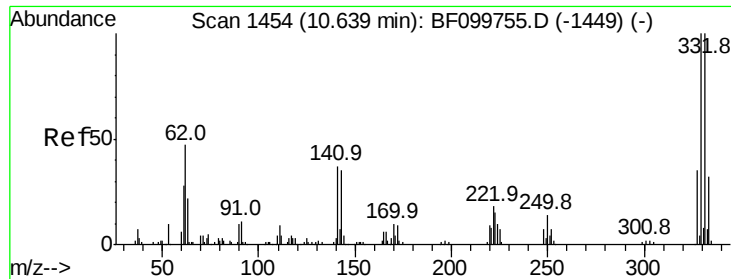
Tot Ion: 82 Resp: 355056
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF100190.D
Acq: 4 Nov 2017 20:31

Tgt Ion: 164 Resp: 175587
Ion Ratio Lower Upper
164 100
162 105.0 86.1 129.1
160 44.9 38.3 57.5

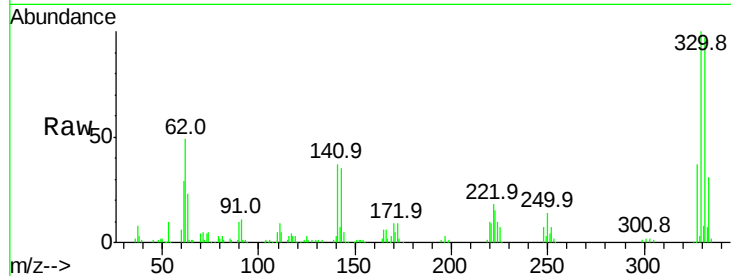




#41
 2,4,6-Tribromophenol
 Concen: 95.750 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.02 min
 Lab File: BF100190.D
 Acq: 4 Nov 2017 20:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	34.5	29.9	44.9

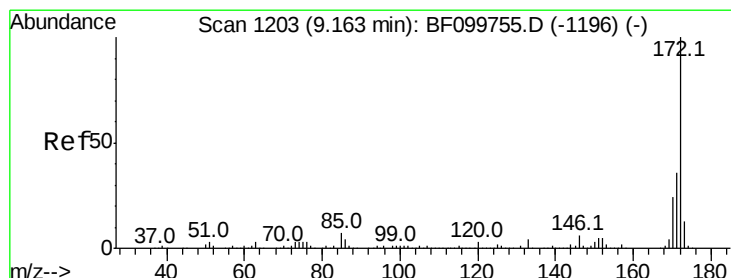
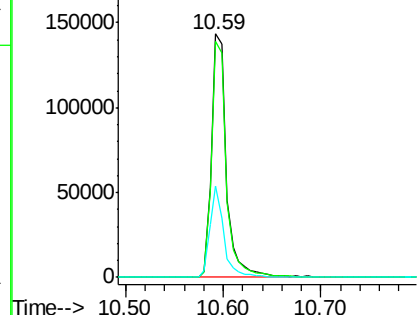
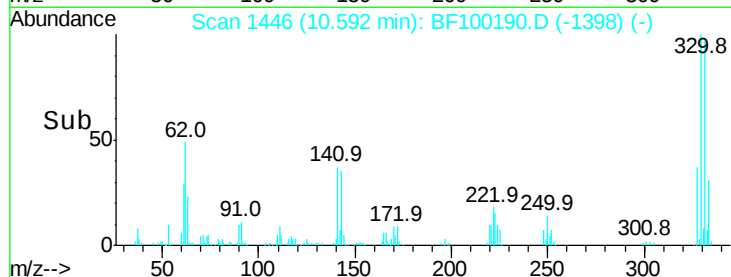


Abundance

Ion 329.80 (329.50 to 330.50): E

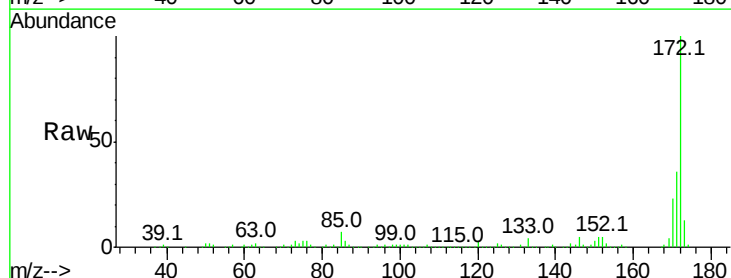
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 67.388 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF100190.D
 Acq: 4 Nov 2017 20:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.2	19.6	29.4

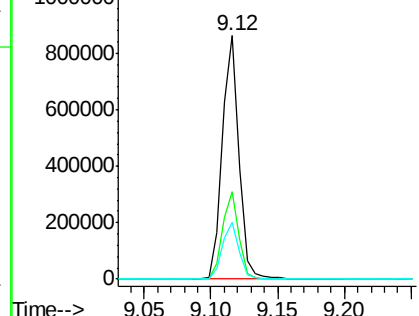
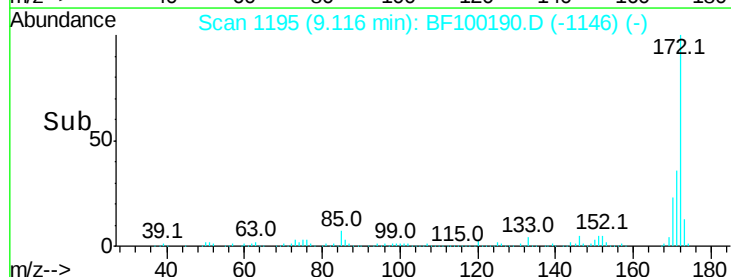


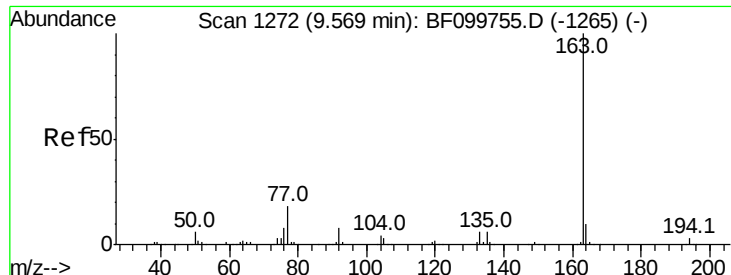
Abundance

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

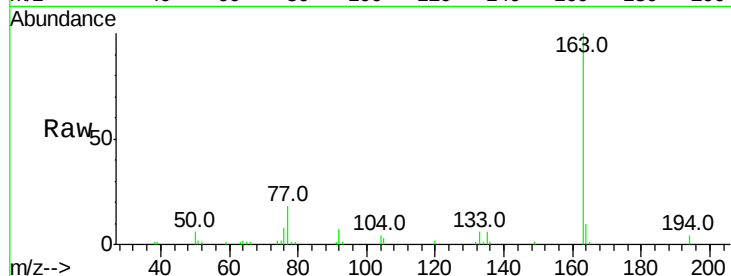




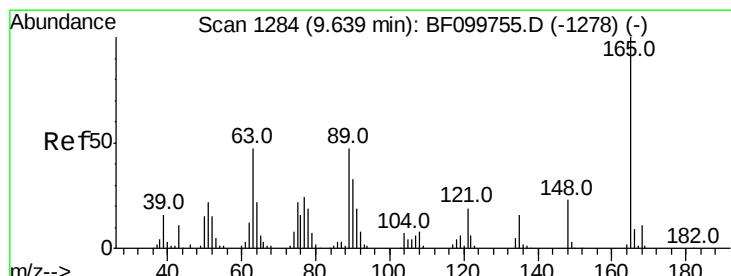
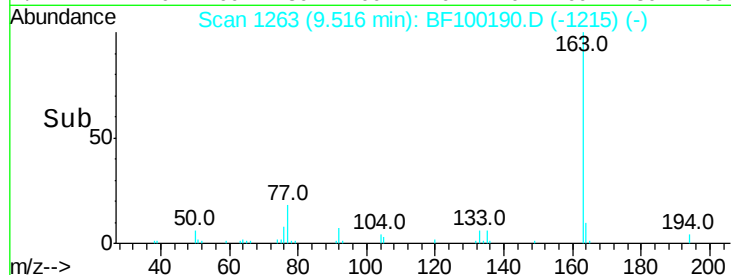
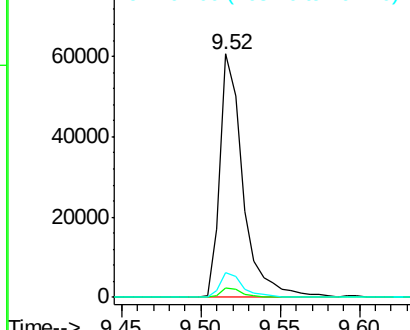
#49
Dimethylphthalate
Concen: 4.417 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BF100190.D
Acq: 4 Nov 2017 20:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 61413
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.2 8.2 12.2

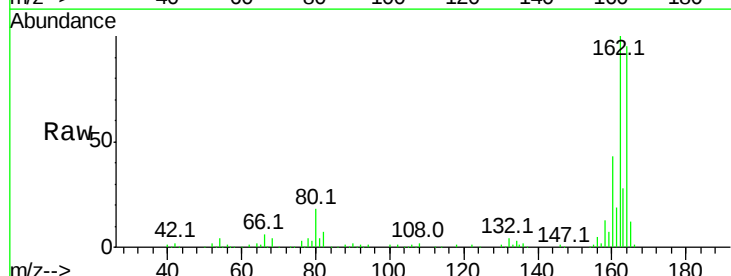


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

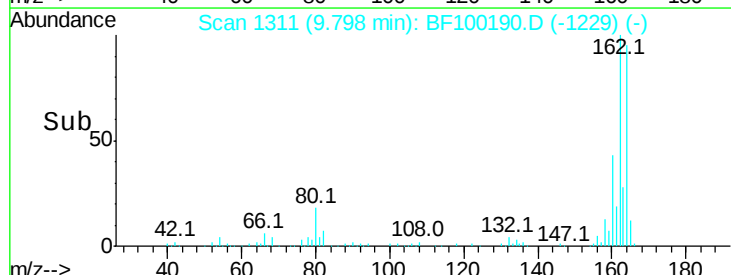
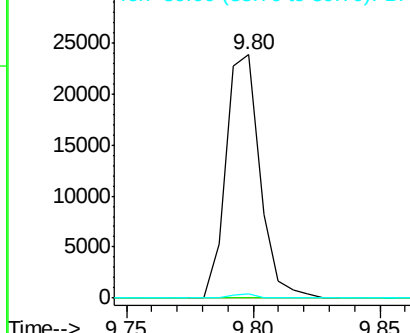


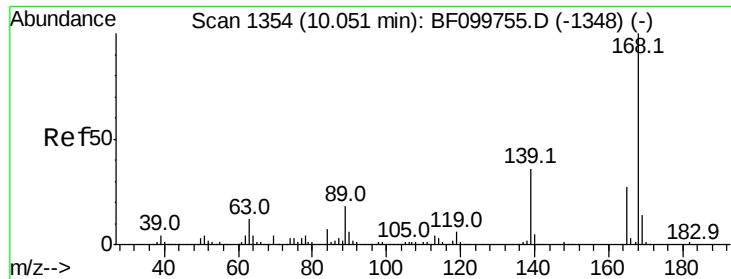
#50
2,6-Dinitrotoluene
Concen: 7.584 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.18 min
Lab File: BF100190.D
Acq: 4 Nov 2017 20:31

Tgt Ion:165 Resp: 22168
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 1.7 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

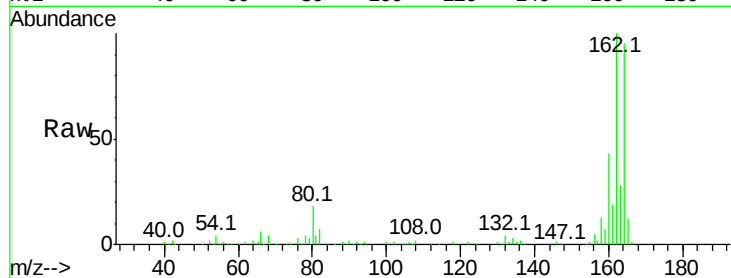




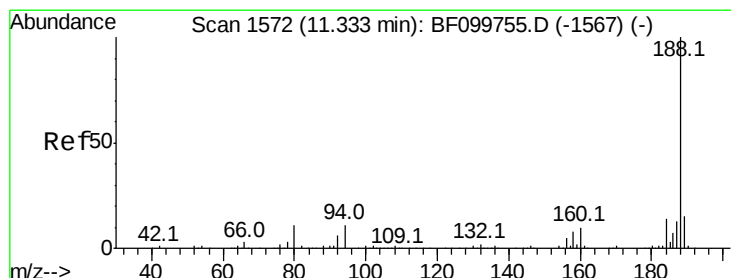
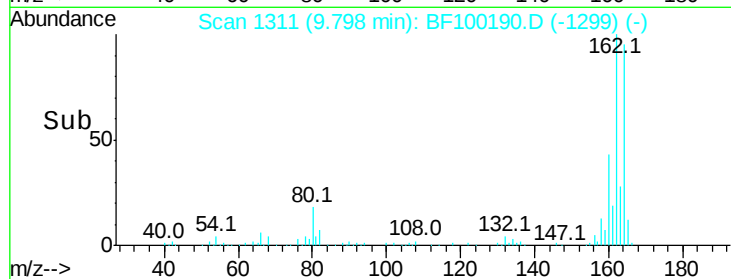
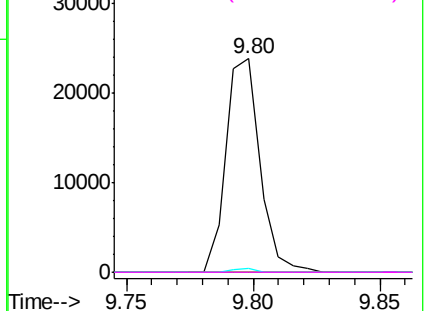
#56
2,4-Dinitrotoluene
Concen: 6.297 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.23 min
Lab File: BF100190.D
Acq: 4 Nov 2017 20:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 22168
Ion Ratio Lower Upper
165 100
63 0.0 36.4 54.6#
89 1.7 57.8 86.6#
182 0.0 1.6 2.4#

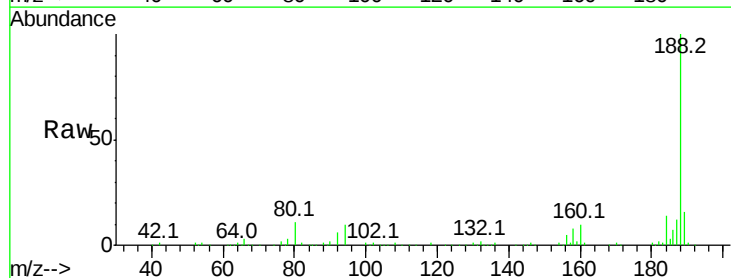


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

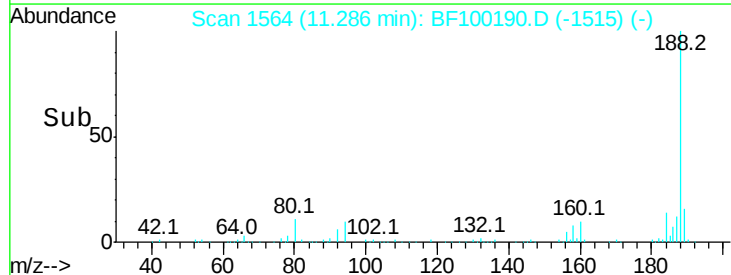
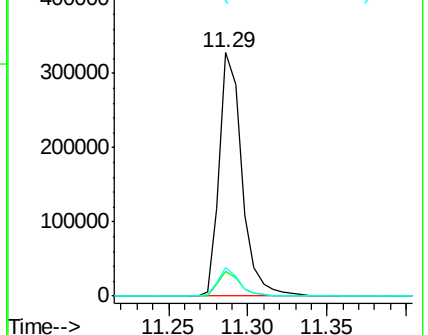


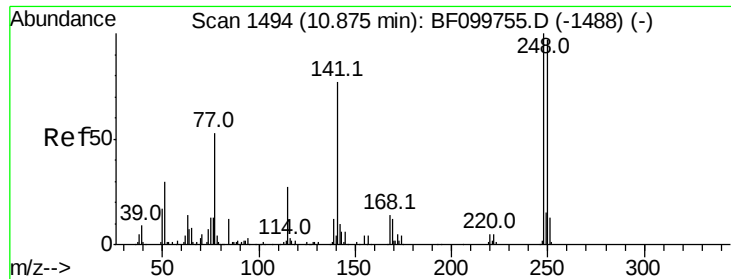
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF100190.D
Acq: 4 Nov 2017 20:31

Tgt Ion:188 Resp: 325931
Ion Ratio Lower Upper
188 100
94 10.4 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

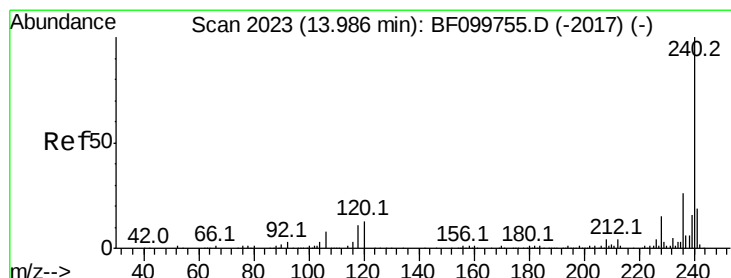
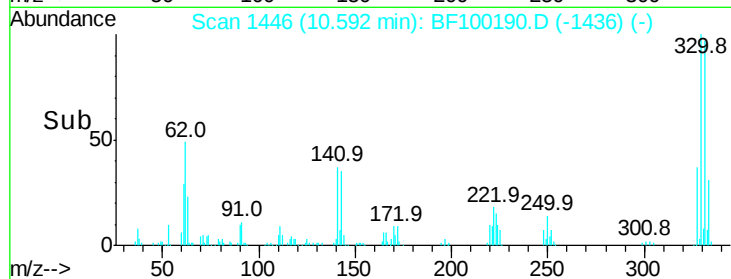
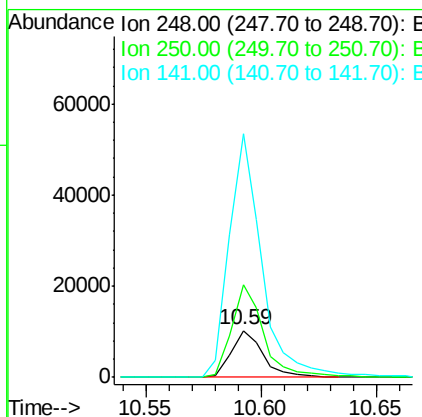
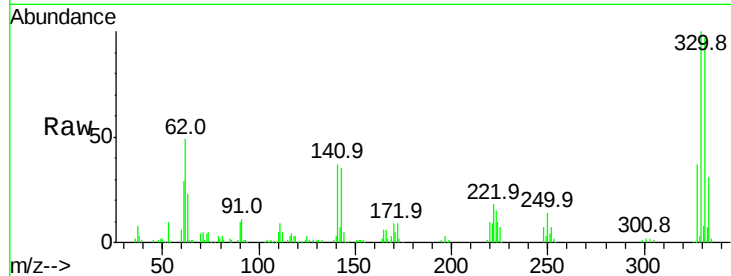




#66
 4-Bromophenyl-phenylether
 Concen: 2.876 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.24 min
 Lab File: BF100190.D
 Acq: 4 Nov 2017 20:31

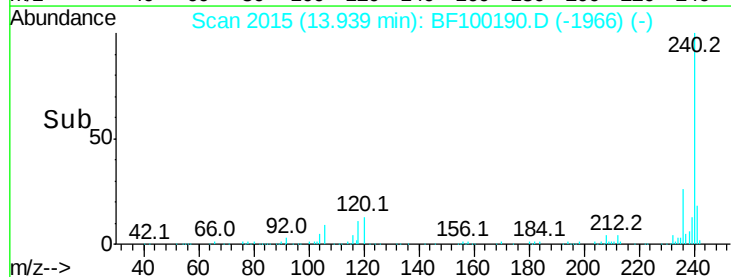
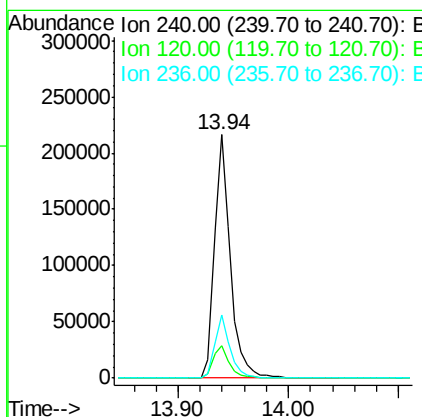
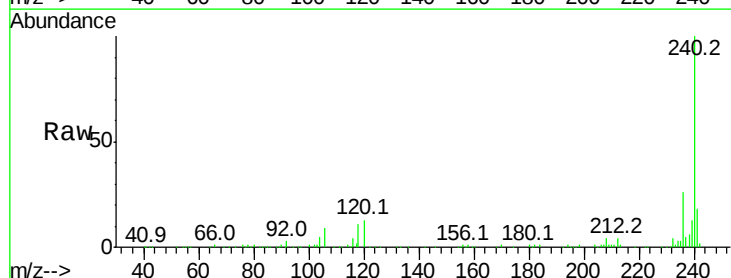
Instrument :
 BNA_F
 ClientSampleId :

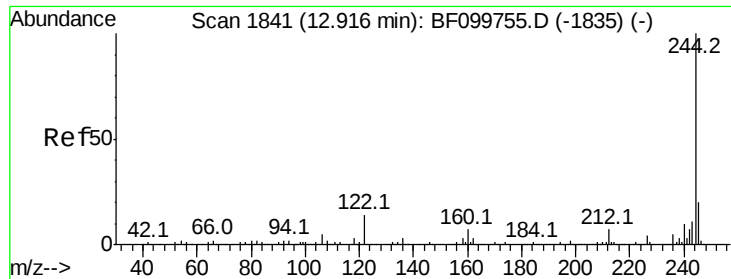
Tot Ion:248 Resp: 9869
 Ion Ratio Lower Upper
 248 100
 250 198.3 76.9 115.3#
 141 521.1 74.4 111.6#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF100190.D
 Acq: 4 Nov 2017 20:31

Tgt Ion:240 Resp: 213261
 Ion Ratio Lower Upper
 240 100
 120 13.4 9.5 14.3
 236 25.9 20.7 31.1

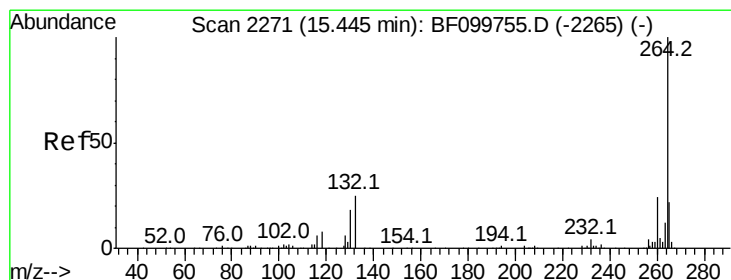
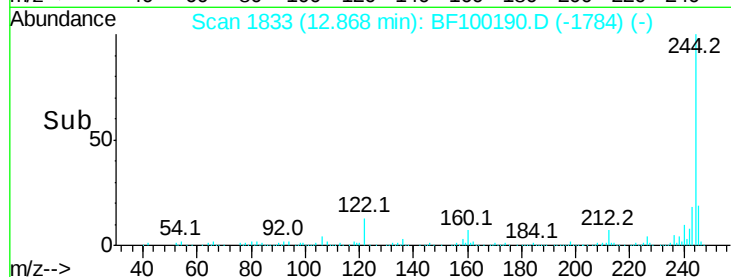
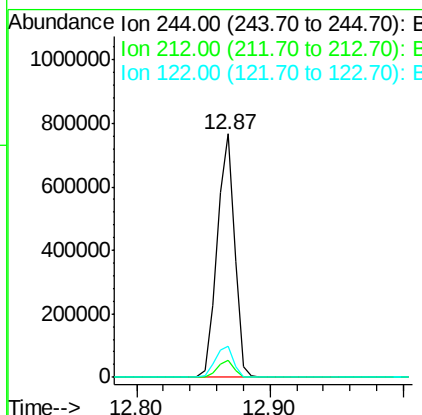
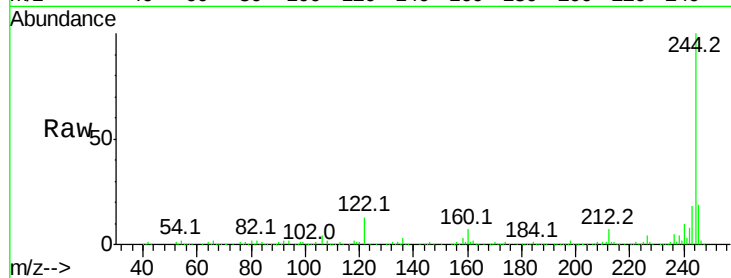




#78
 Terphenyl-d14
 Concen: 72.695 ng
 RT: 12.87 min Scan# 1833
 Delta R.T. -0.01 min
 Lab File: BF100190.D
 Acq: 4 Nov 2017 20:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 709397
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 12.7 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.40 min Scan# 2263
 Delta R.T. -0.01 min
 Lab File: BF100190.D
 Acq: 4 Nov 2017 20:31

Tgt Ion:264 Resp: 159938
 Ion Ratio Lower Upper
 264 100
 260 22.3 19.2 28.8
 265 21.4 17.5 26.3

