

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112917\
 Data File : BF100975.D
 Acq On : 29 Nov 2017 14:01
 Operator : SJ/JU
 Sample : PB104587BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 29 23:38:55 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 15:21:02 2017
 Response via : Initial Calibration

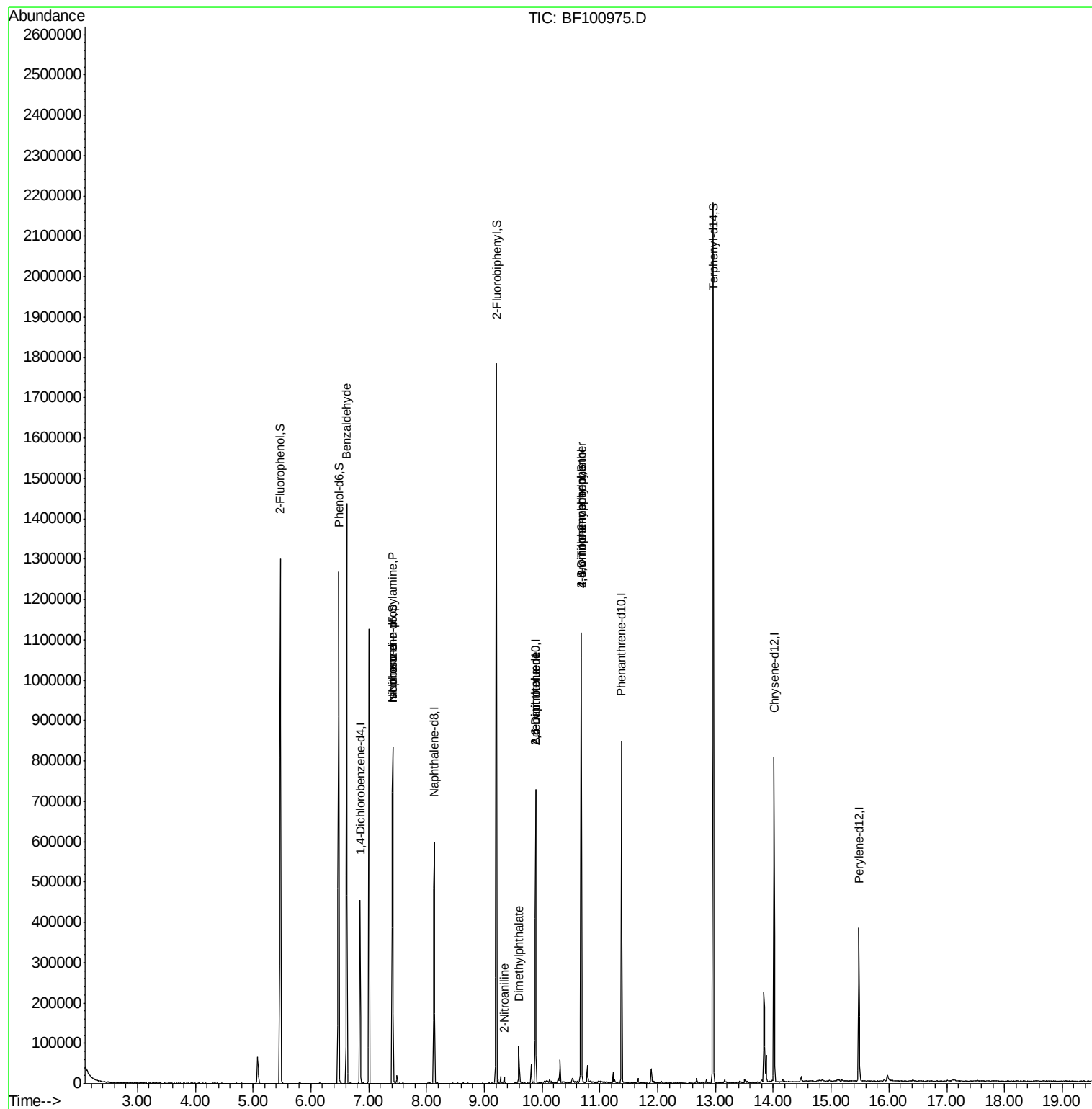
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	67257	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	266578	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	136371	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	285686	20.00	ng	0.00
75) Chrysene-d12	14.02	240	259734	20.00	ng	-0.01
86) Perylene-d12	15.48	264	182580	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	356909	85.06	ng	0.00
7) Phenol-d6	6.48	99	435462	84.17	ng	-0.01
23) Nitrobenzene-d5	7.42	82	271008	67.21	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	152251	109.56	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	626515	69.96	ng	0.00
78) Terphenyl-d14	12.96	244	761656	67.38	ng	0.00
Target Compounds						
9) Benzaldehyde	6.62	77	8268	2.238	ng	Qvalue 87
19) n-Nitroso-di-n-propylamine	7.42	70	35753	9.964	ng	# 81
25) Isophorone	7.42	82	271005	31.984	ng	# 64
47) 2-Nitroaniline	9.35	65	178	2.850	ng	# 2
49) Dimethylphthalate	9.60	163	33329	3.201	ng	99
50) 2,6-Dinitrotoluene	9.89	165	17226	8.358	ng	# 24
56) 2,4-Dinitrotoluene	9.89	165	17226	6.625	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.67	198	155	8.658	ng	# 23
66) 4-Bromophenyl-phenylether	10.68	248	9569	3.125	ng	# 1

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

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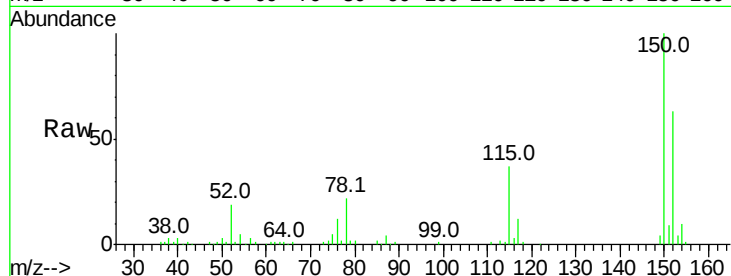


#1

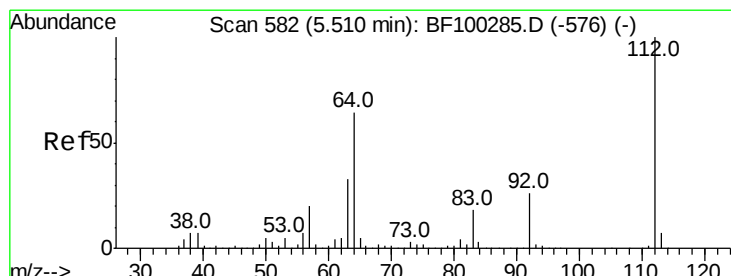
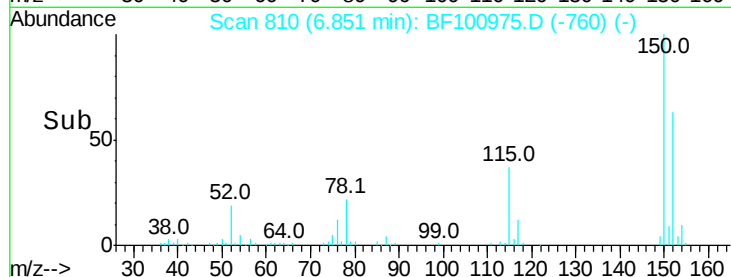
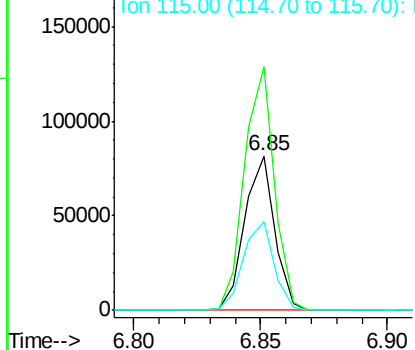
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF100975.D
Acq: 29 Nov 2017 14:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 67257
Ion Ratio Lower Upper
152 100
150 158.0 124.6 186.8
115 57.9 50.1 75.1



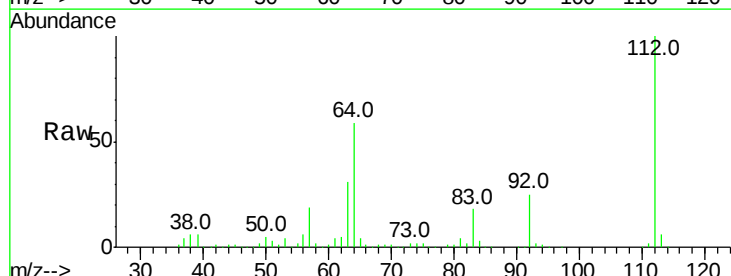
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



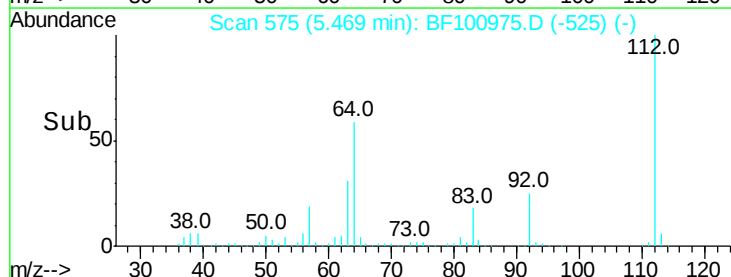
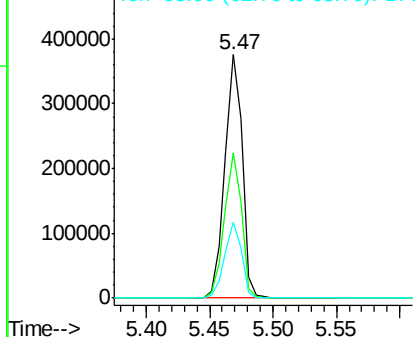
#5

2-Fluorophenol
Concen: 85.065 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF100975.D
Acq: 29 Nov 2017 14:01

Tgt Ion:112 Resp: 356909
Ion Ratio Lower Upper
112 100
64 59.3 47.9 71.9
63 31.1 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: 84.165 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF100975.D

Acq: 29 Nov 2017 14:01

Instrument :

BNA_F

ClientSampleId :

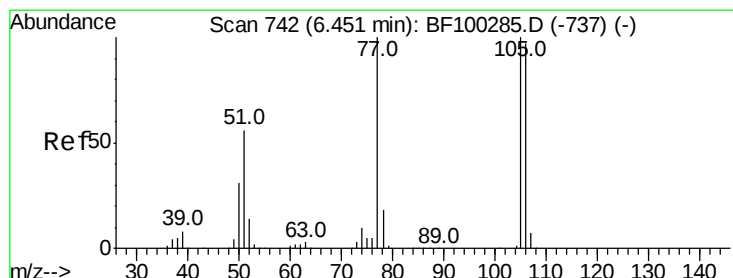
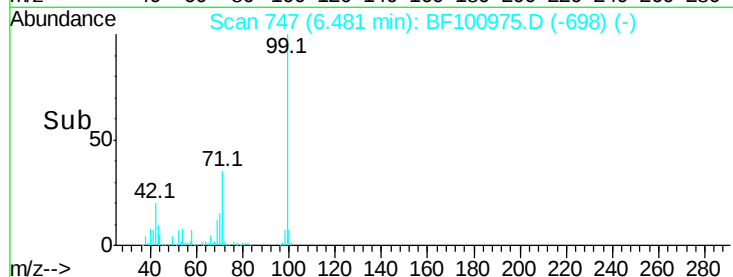
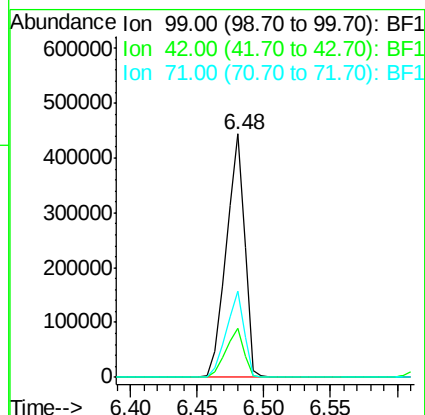
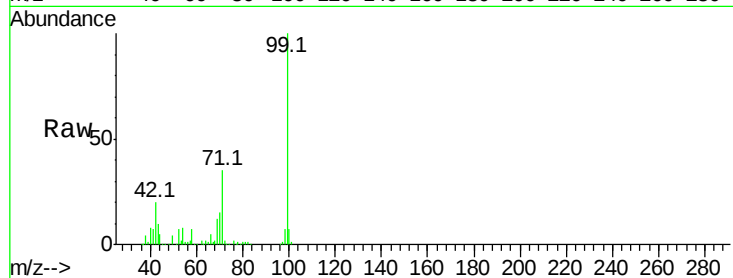
Tot Ion: 99 Resp: 435462

Ion Ratio Lower Upper

99 100

42 20.2 14.5 21.7

71 35.3 25.4 38.0



#9

Benzaldehyde

Concen: 2.238 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.21 min

Lab File: BF100975.D

Acq: 29 Nov 2017 14:01

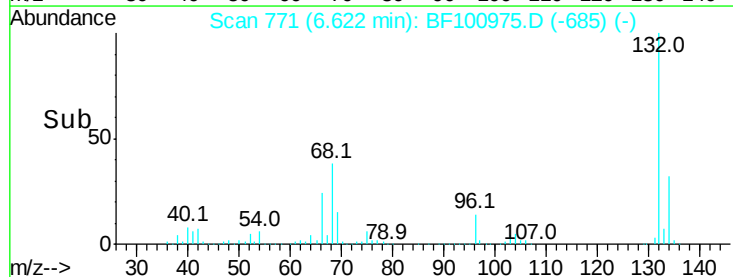
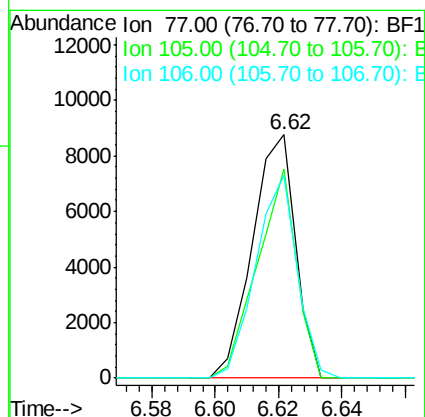
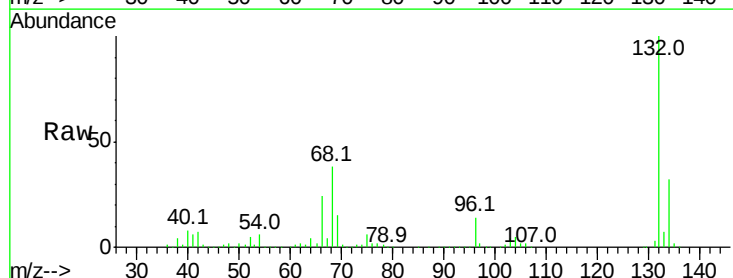
Tgt Ion: 77 Resp: 8268

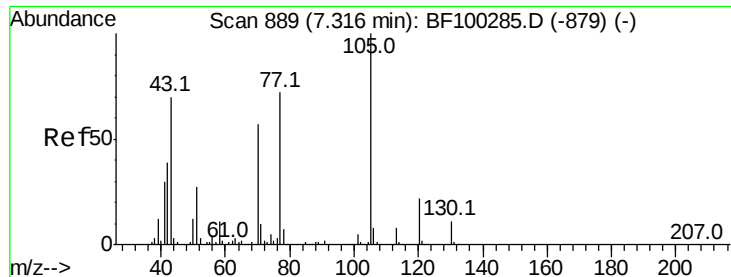
Ion Ratio Lower Upper

77 100

105 85.8 81.1 121.1

106 83.5 74.5 114.5

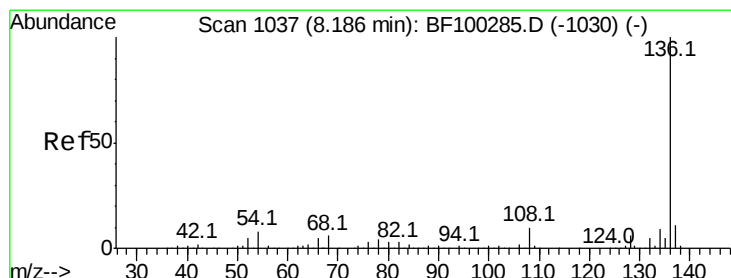
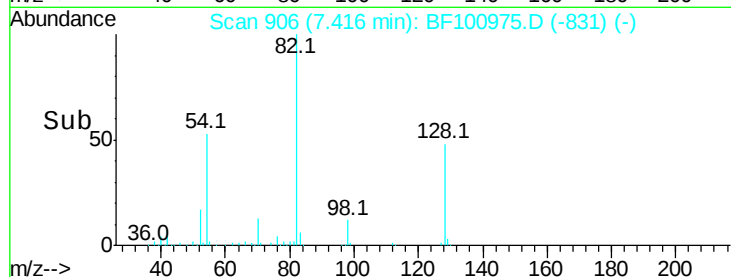
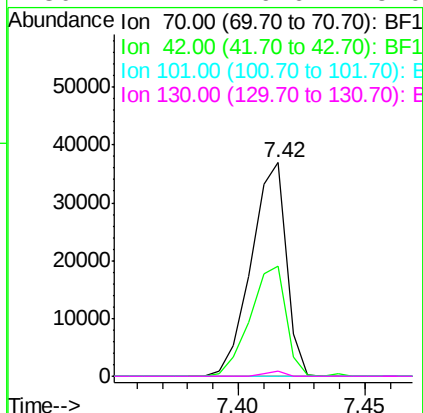
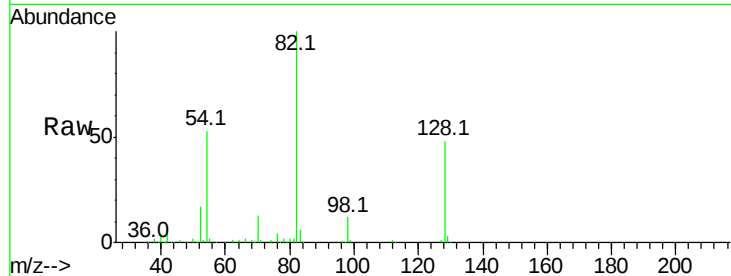




#19
n-Nitroso-di-n-propylamine
Concen: 9.964 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.14 min
Lab File: BF100975.D
Acq: 29 Nov 2017 14:01

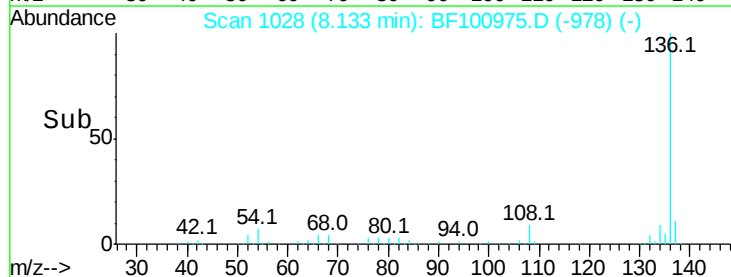
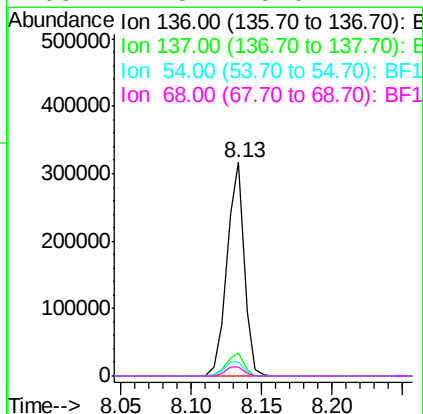
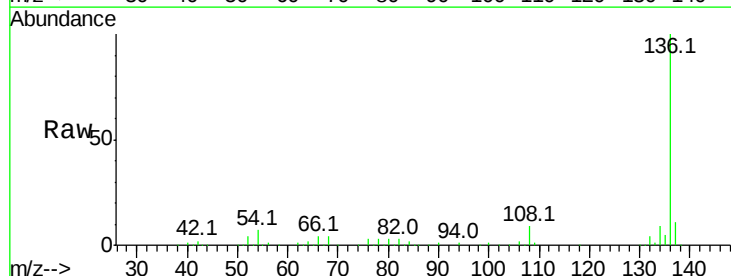
Instrument :
BNA_F
ClientSampleId :

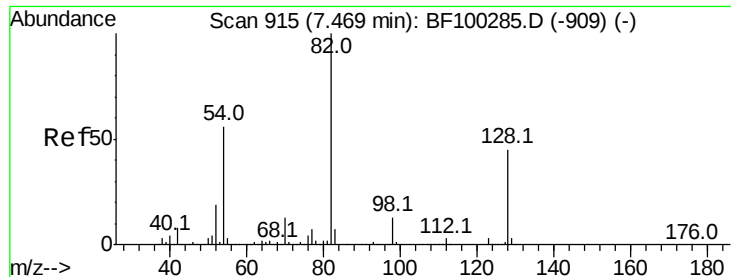
Tot Ion: 70 Resp: 35753
Ion Ratio Lower Upper
70 100
42 51.3 47.5 71.3
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF100975.D
Acq: 29 Nov 2017 14:01

Tgt Ion:136 Resp: 266578
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 6.7 6.6 9.8
68 4.3 5.0 7.4#

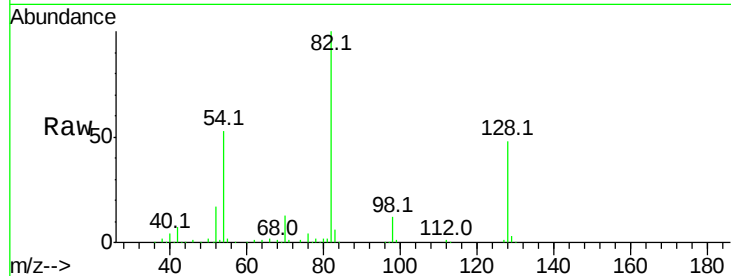




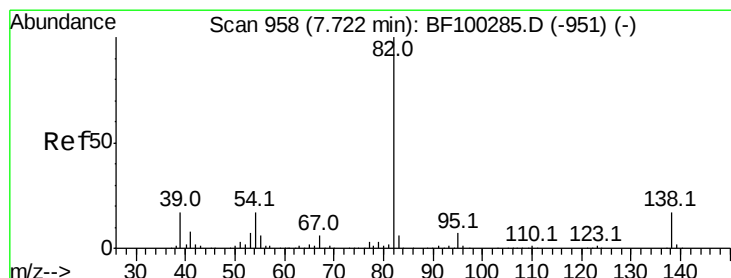
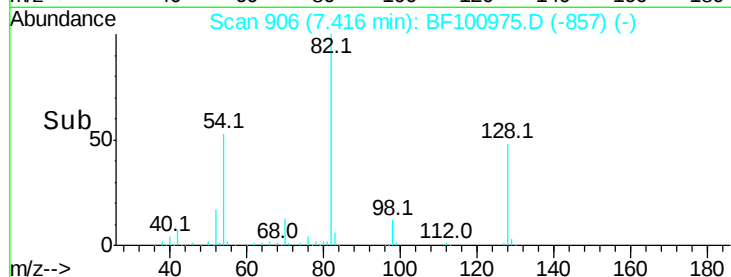
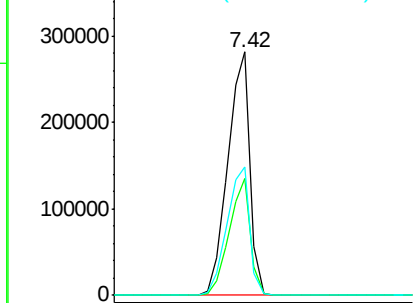
#23
 Nitrobenzene-d5
 Concen: 67.212 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF100975.D
 Acq: 29 Nov 2017 14:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 271008
 Ion Ratio Lower Upper
 82 100
 128 47.9 36.1 54.1
 54 52.6 41.4 62.2

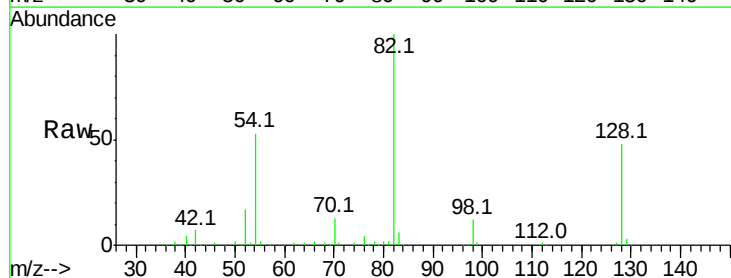


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

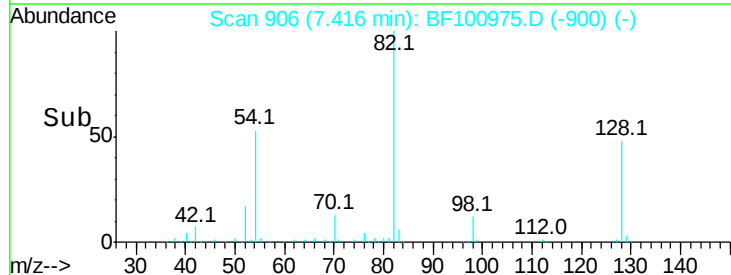
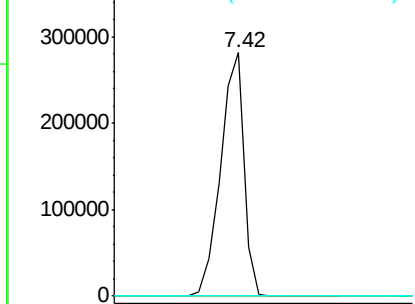


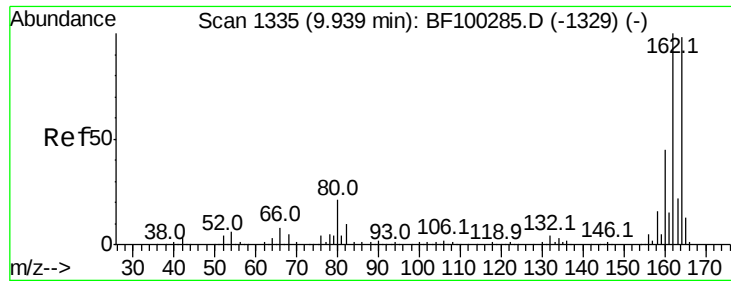
#25
 Isophorone
 Concen: 31.984 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.26 min
 Lab File: BF100975.D
 Acq: 29 Nov 2017 14:01

Tgt Ion: 82 Resp: 271005
 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

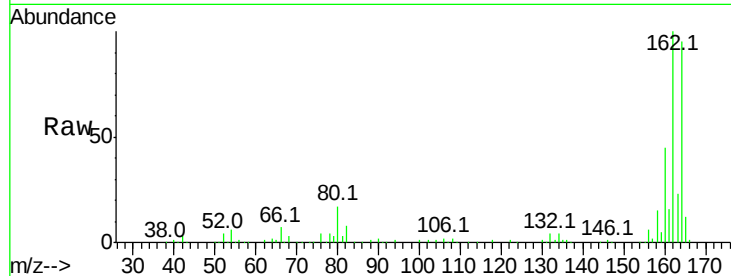




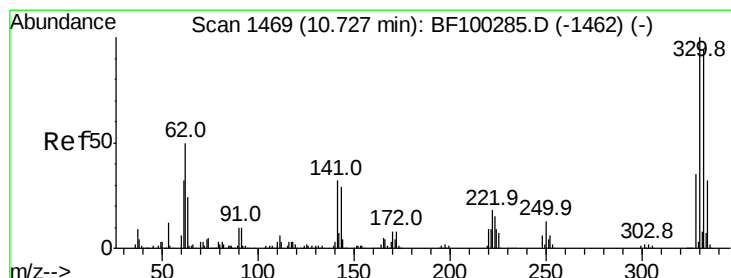
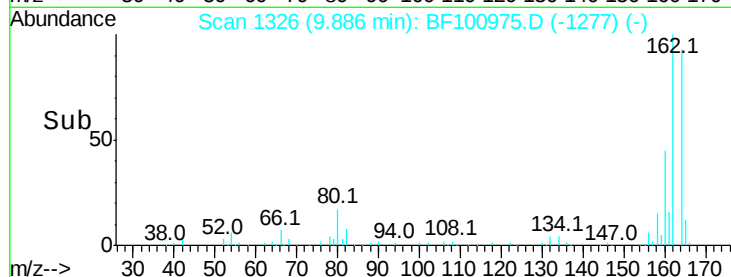
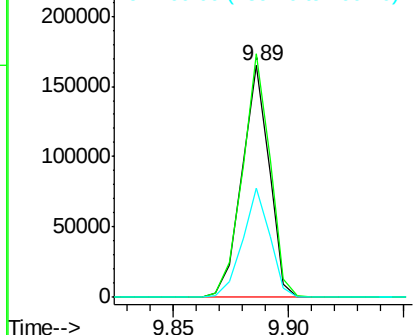
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF100975.D
 Acq: 29 Nov 2017 14:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 136371
 Ion Ratio Lower Upper
 164 100
 162 105.0 86.1 129.1
 160 47.0 38.3 57.5

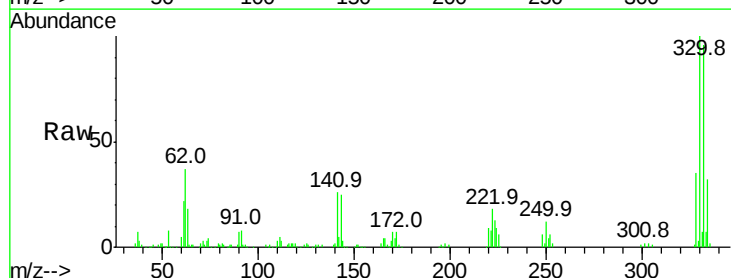


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

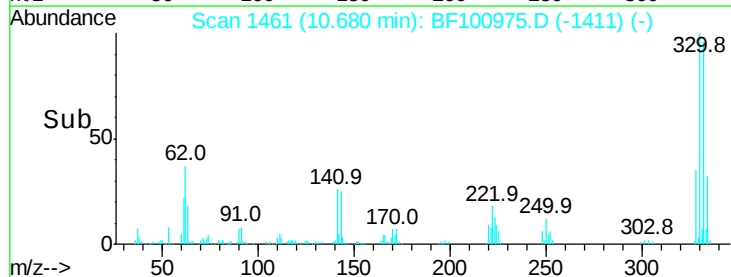
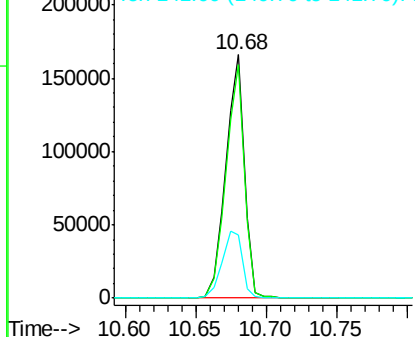


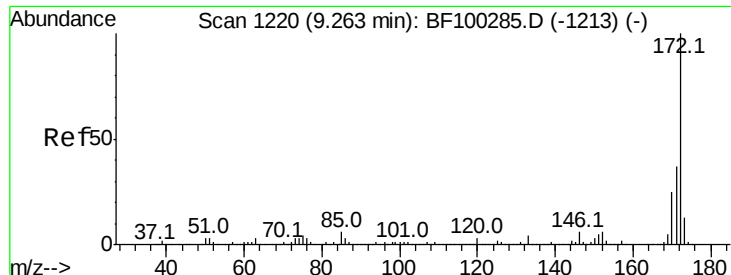
#41
 2,4,6-Tribromophenol
 Concen: 109.563 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF100975.D
 Acq: 29 Nov 2017 14:01

Tgt Ion:330 Resp: 152251
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.0 115.6
 141 29.8 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

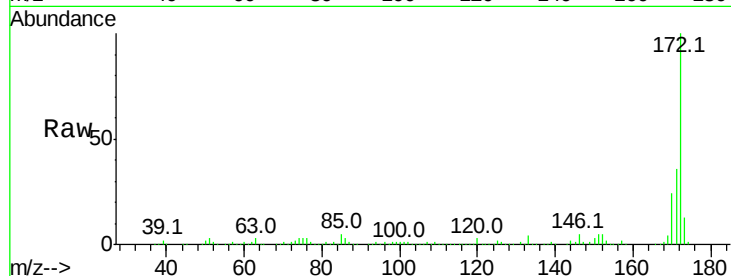




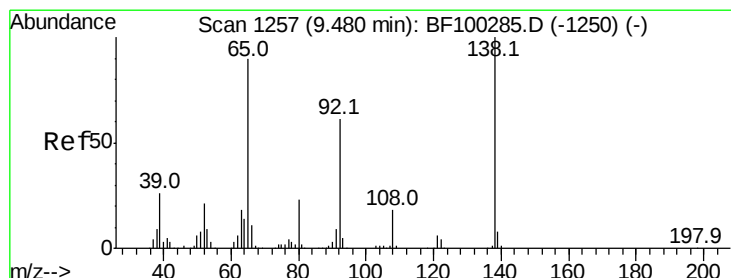
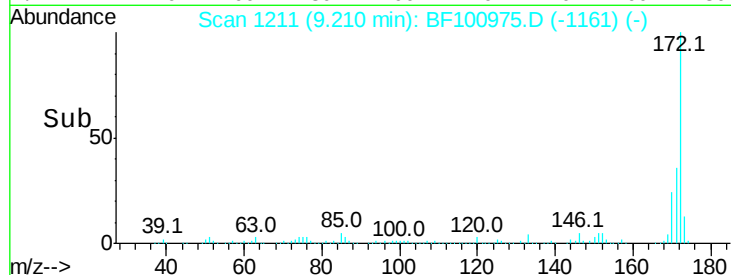
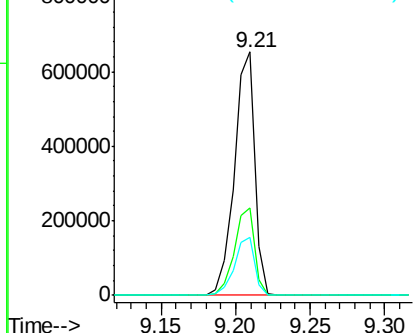
#44
 2-Fluorobiphenyl
 Concen: 69.956 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF100975.D
 Acq: 29 Nov 2017 14:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 626515
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 23.9 19.6 29.4

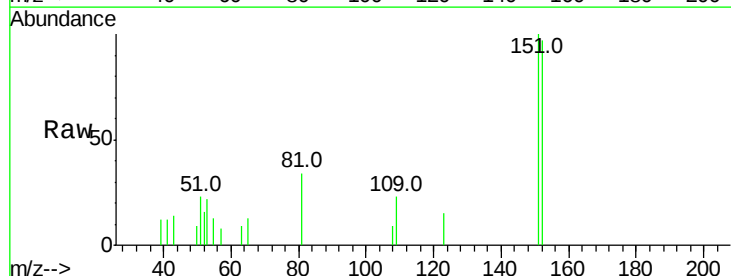


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

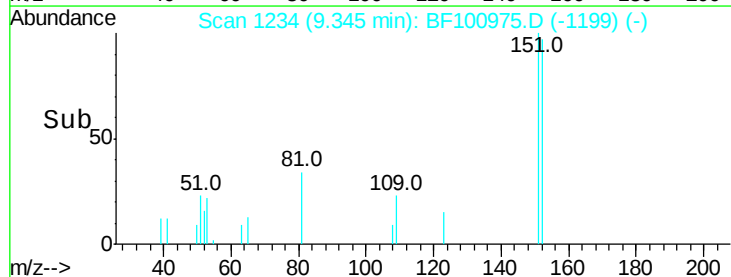
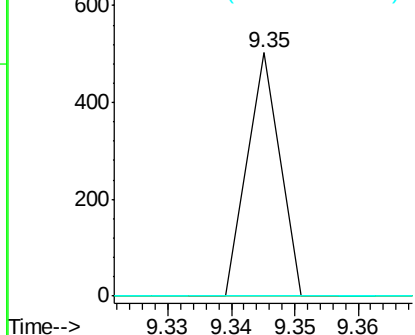


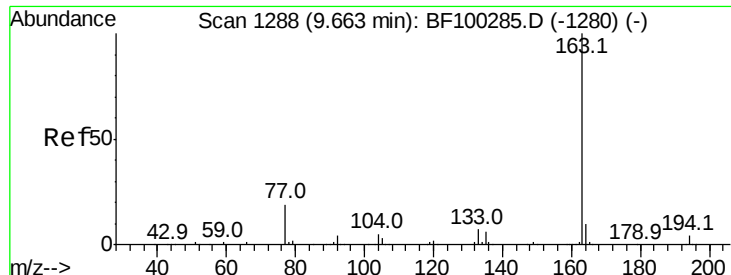
#47
 2-Nitroaniline
 Concen: 2.850 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. -0.09 min
 Lab File: BF100975.D
 Acq: 29 Nov 2017 14:01

Tgt Ion: 65 Resp: 178
 Ion Ratio Lower Upper
 65 100
 92 0.0 55.8 83.6#
 138 0.0 91.2 136.8#



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E

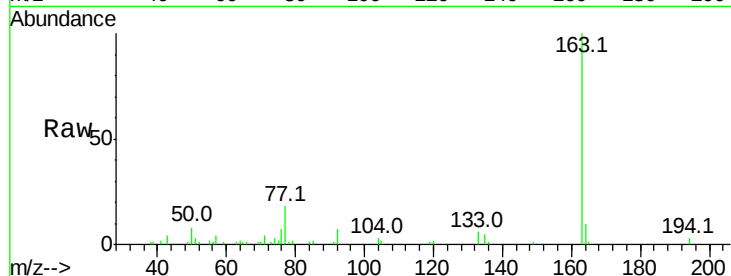




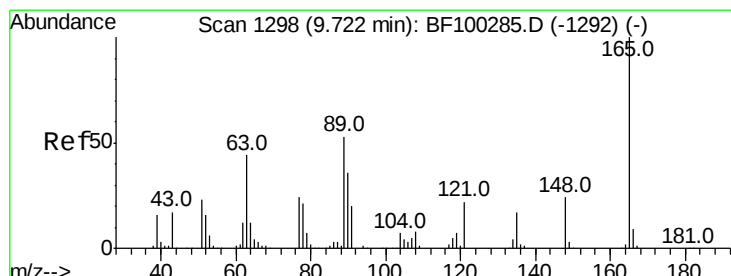
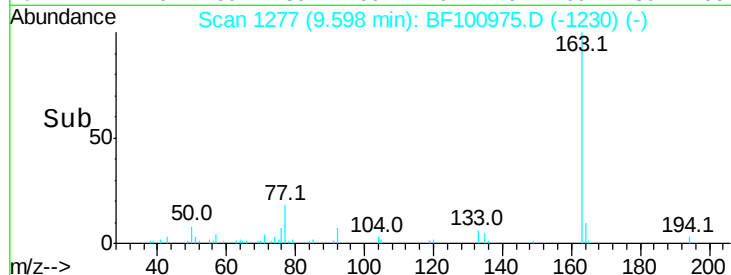
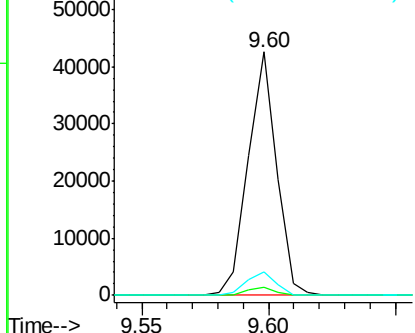
#49
Dimethylphthalate
Concen: 3.201 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.02 min
Lab File: BF100975.D
Acq: 29 Nov 2017 14:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 33329
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 9.9 8.2 12.2

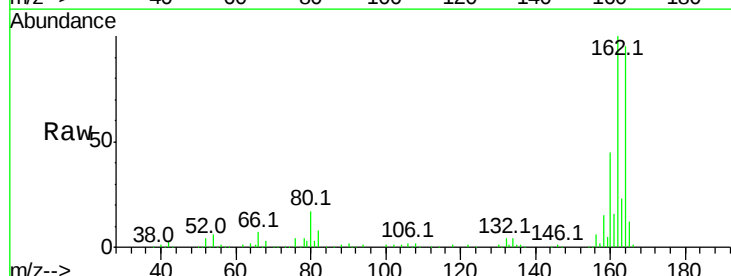


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

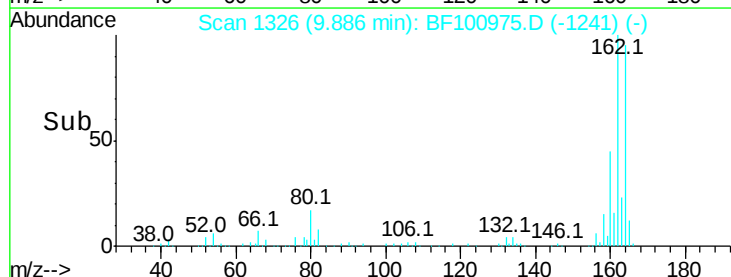
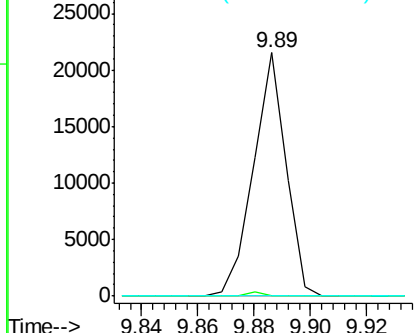


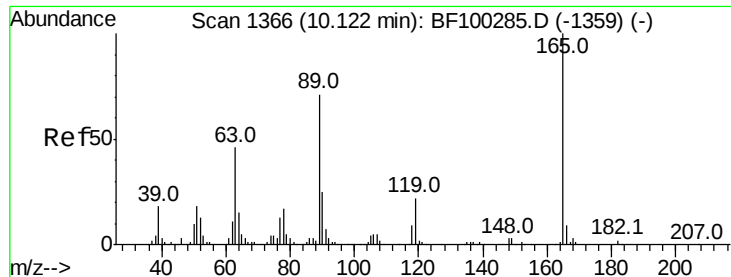
#50
2,6-Dinitrotoluene
Concen: 8.358 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.20 min
Lab File: BF100975.D
Acq: 29 Nov 2017 14:01

Tgt Ion:165 Resp: 17226
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

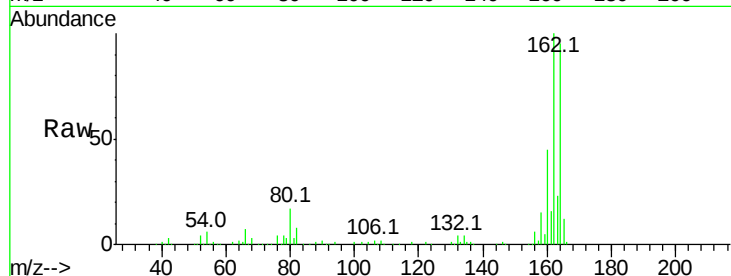




#56
 2,4-Dinitrotoluene
 Concen: 6.625 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.20 min
 Lab File: BF100975.D
 Acq: 29 Nov 2017 14:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	17226
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#

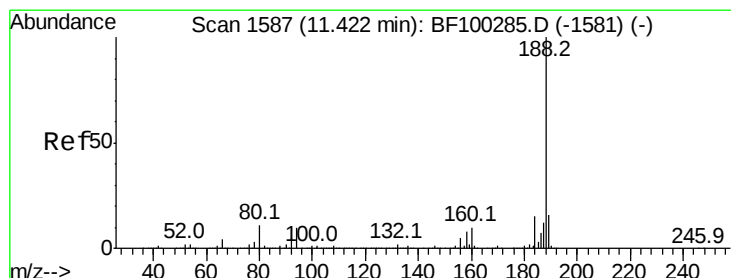
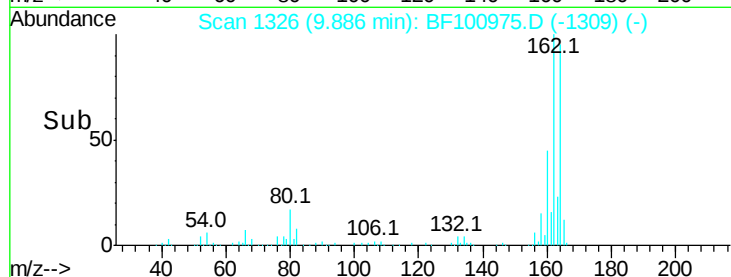
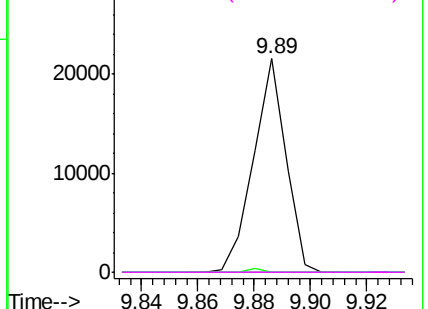


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

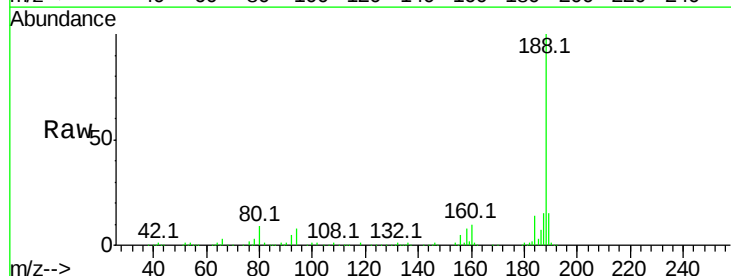
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.01 min
 Lab File: BF100975.D
 Acq: 29 Nov 2017 14:01

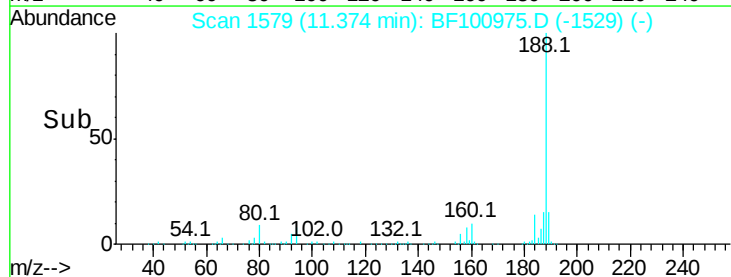
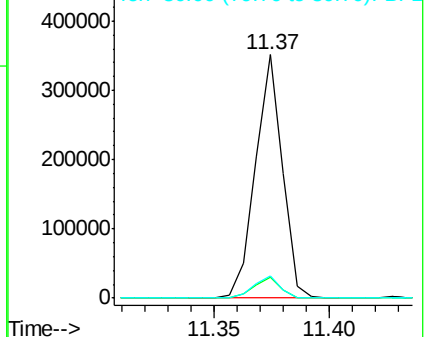
Tgt Ion:	188	Resp:	285686
Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.5	12.7#
80	8.9	9.2	13.8#

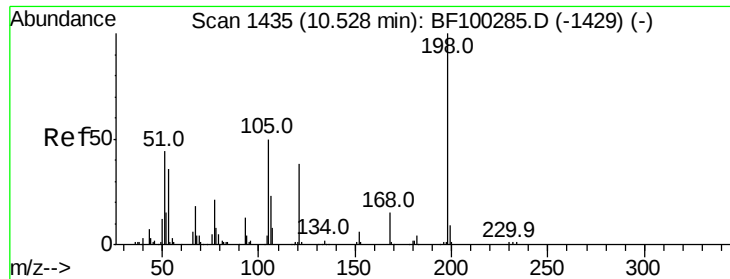


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

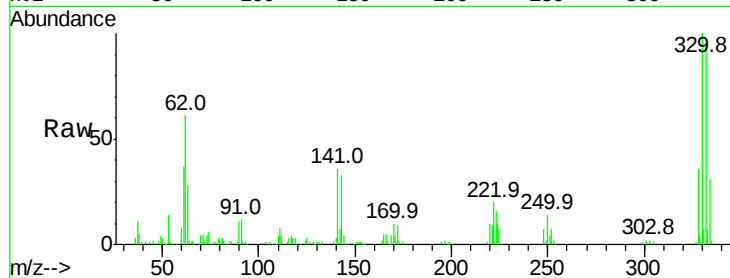




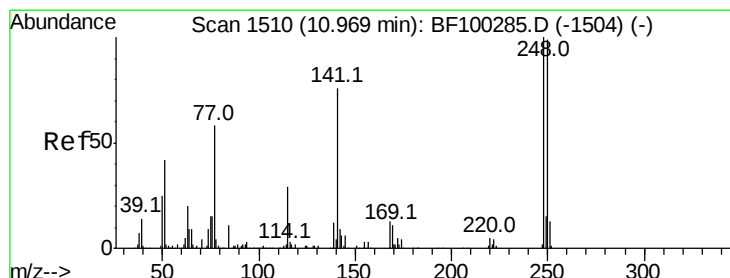
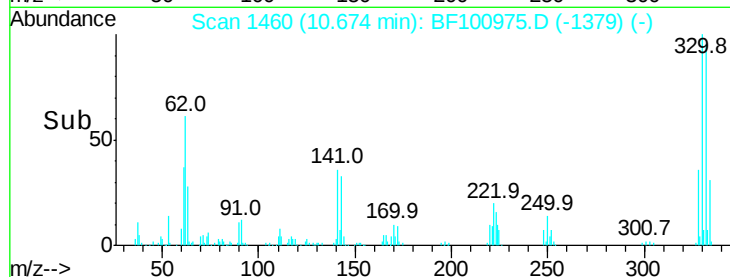
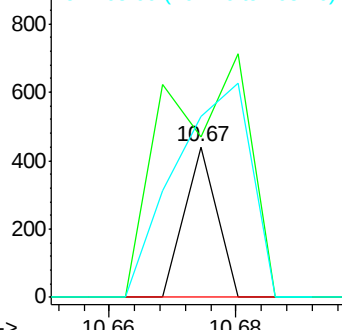
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.658 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. 0.18 min
 Lab File: BF100975.D
 Acq: 29 Nov 2017 14:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 155
 Ion Ratio Lower Upper
 198 100
 51 107.0 37.7 77.7#
 105 120.5 36.3 76.3#

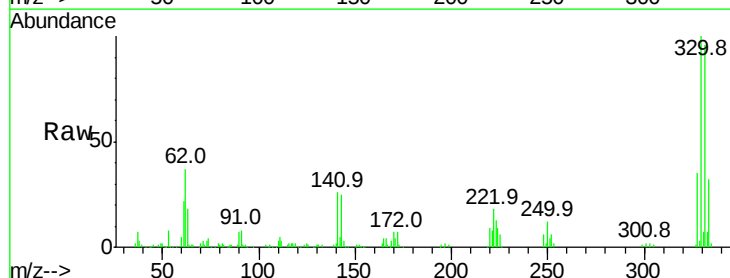


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

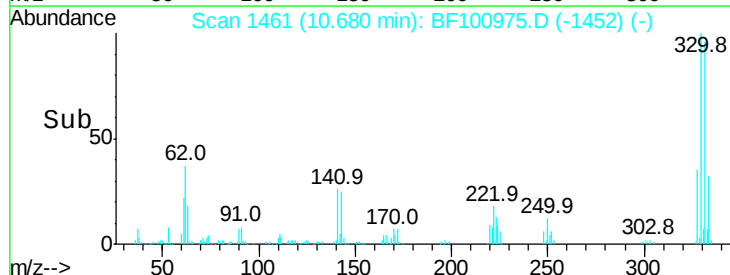
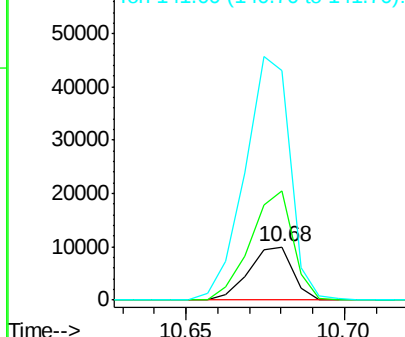


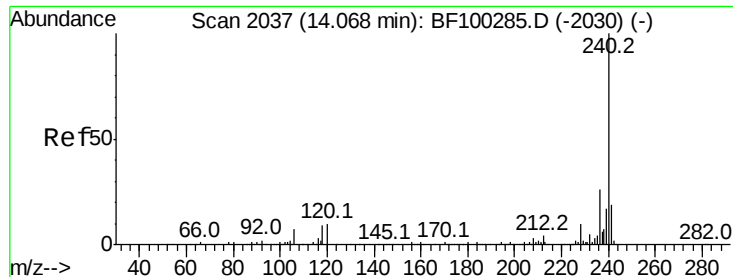
#66
 4-Bromophenyl-phenylether
 Concen: 3.125 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.25 min
 Lab File: BF100975.D
 Acq: 29 Nov 2017 14:01

Tgt Ion:248 Resp: 9569
 Ion Ratio Lower Upper
 248 100
 250 207.1 76.9 115.3#
 141 433.2 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: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF100975.D

Acq: 29 Nov 2017 14:01

Instrument :

BNA_F

ClientSampleId :

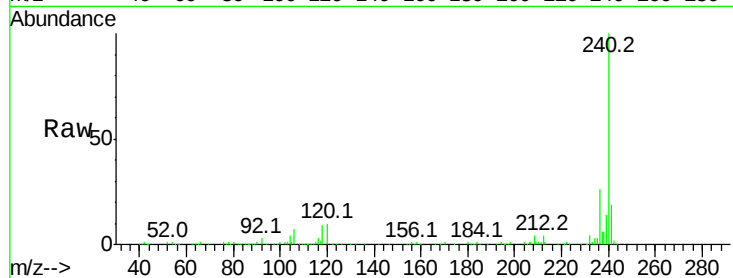
Tot Ion:240 Resp: 259734

Ion Ratio Lower Upper

240 100

120 9.8 9.5 14.3

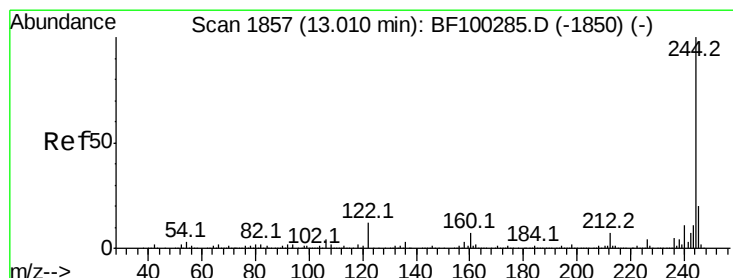
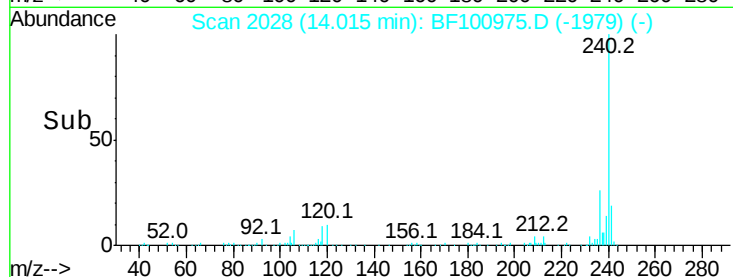
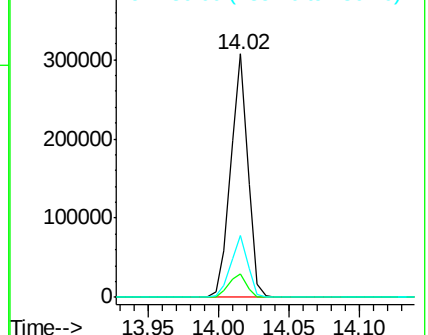
236 25.6 20.7 31.1



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: 67.379 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF100975.D

Acq: 29 Nov 2017 14:01

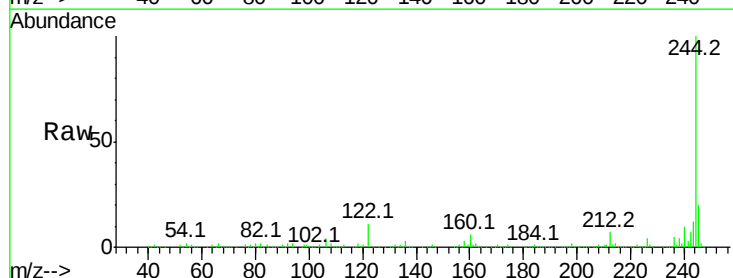
Tgt Ion:244 Resp: 761656

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

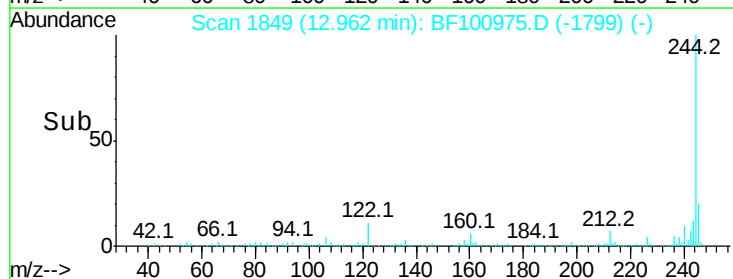
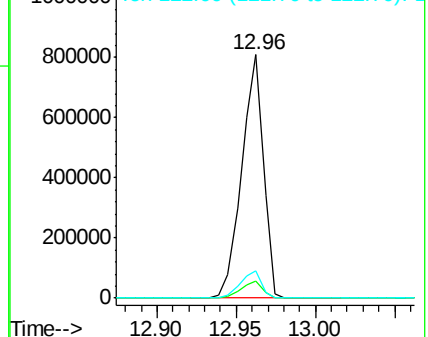
122 11.1 11.0 16.4

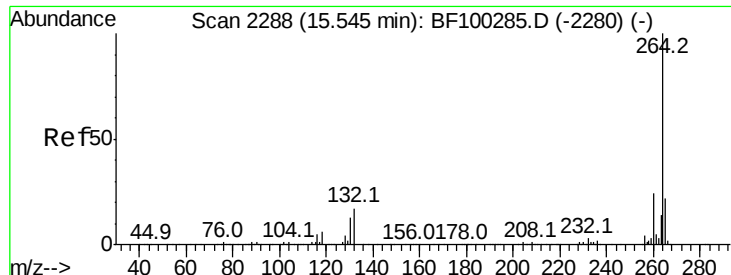


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

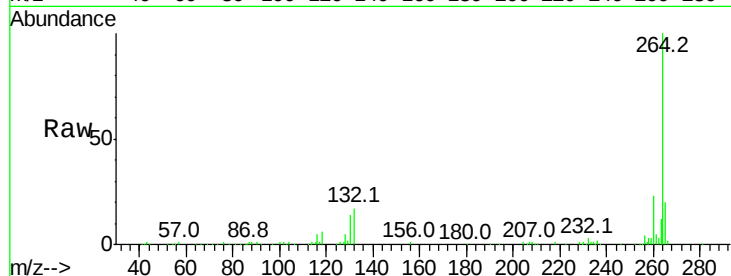




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2277
 Delta R.T. -0.01 min
 Lab File: BF100975.D
 Acq: 29 Nov 2017 14:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	20.5	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

