

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112017\
 Data File : BF100764.D
 Acq On : 21 Nov 2017 7:28
 Operator : SJ/JU
 Sample : I6535-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 21 11:48:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 15:22:08 2017
 Response via : Initial Calibration

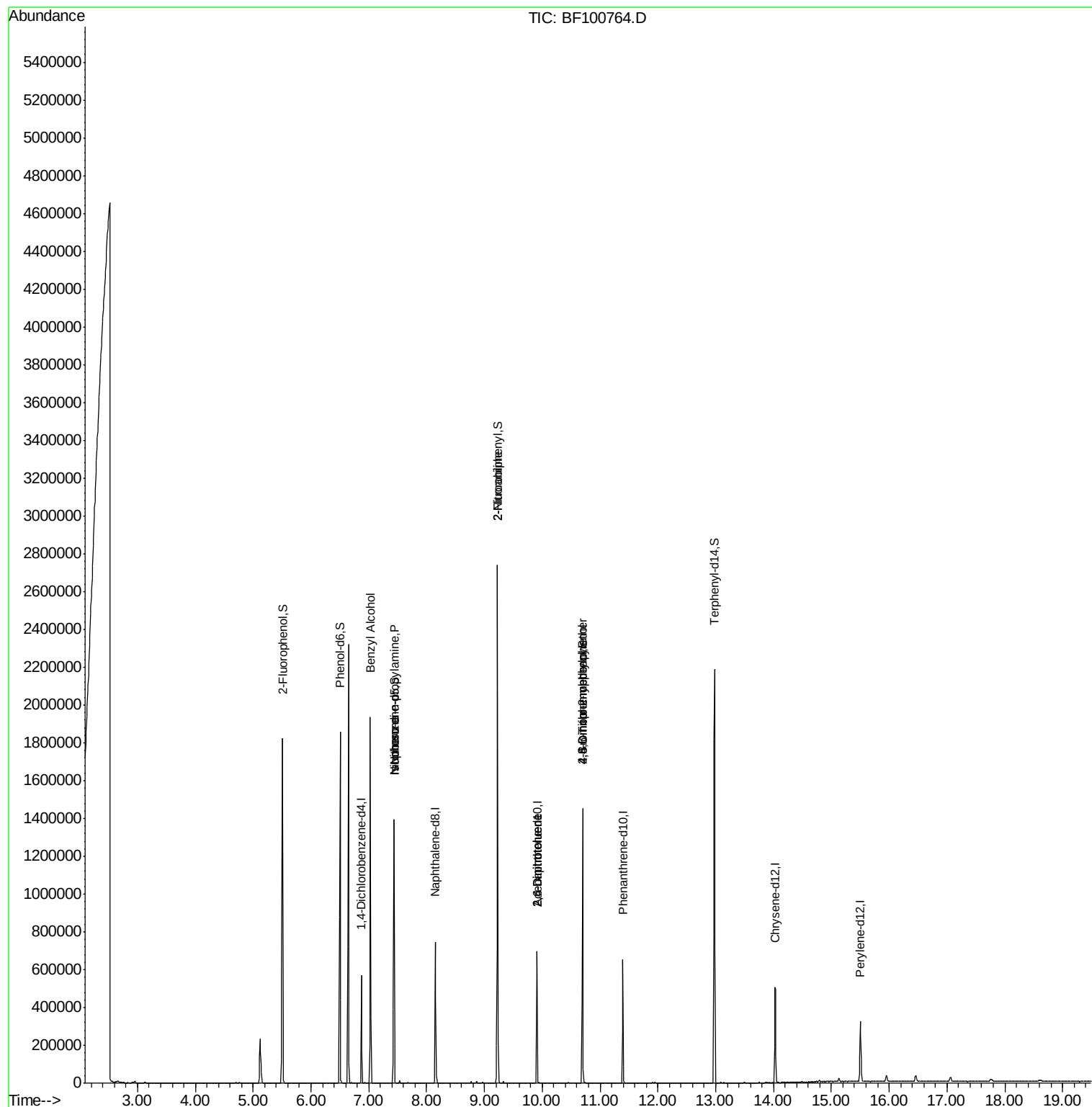
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	82835	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	324424	20.00	ng	-0.02
38) Acenaphthene-d10	9.91	164	140412	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	228877	20.00	ng	-0.01
75) Chrysene-d12	14.03	240	187120	20.00	ng	-0.01
86) Perylene-d12	15.50	264	150993	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	609161	117.88	ng	0.02
7) Phenol-d6	6.50	99	647327	101.59	ng	0.00
23) Nitrobenzene-d5	7.44	82	512797	104.50	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	187165	130.81	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	1005486	109.04	ng	-0.01
78) Terphenyl-d14	12.98	244	760637	93.40	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.03	79	10058	2.022	ng	# 44
19) n-Nitroso-di-n-propylamine	7.44	70	66579	15.066	ng	# 78
25) Isophorone	7.44	82	512873	49.736	ng	# 64
47) 2-Nitroaniline	9.23	65	1484	3.321	ng	# 12
50) 2,6-Dinitrotoluene	9.91	165	18044	8.503	ng	# 25
56) 2,4-Dinitrotoluene	9.91	165	18044	6.740	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.69	198	279	8.768	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	11645	4.746	ng	# 1

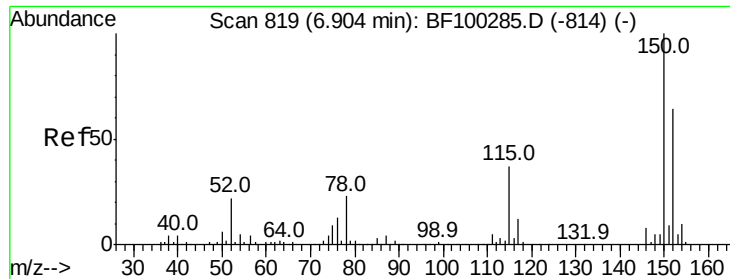
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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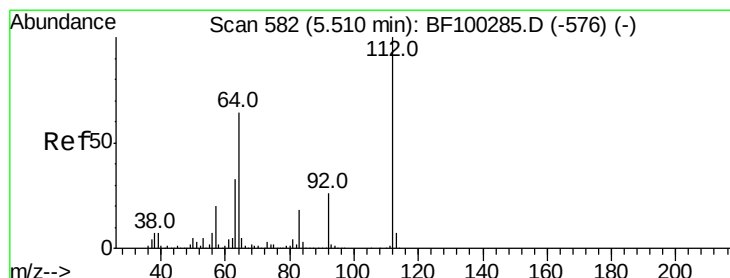
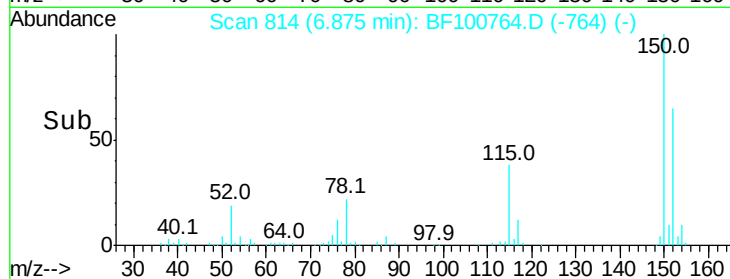
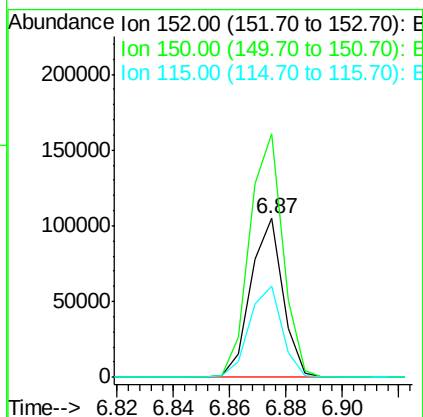
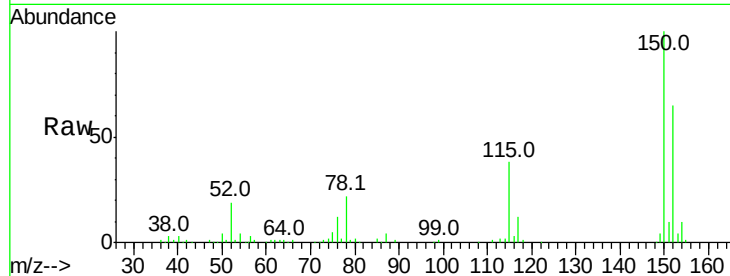


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF100764.D
Acq: 21 Nov 2017 7:28

Instrument :
BNA_F
ClientSampleId :

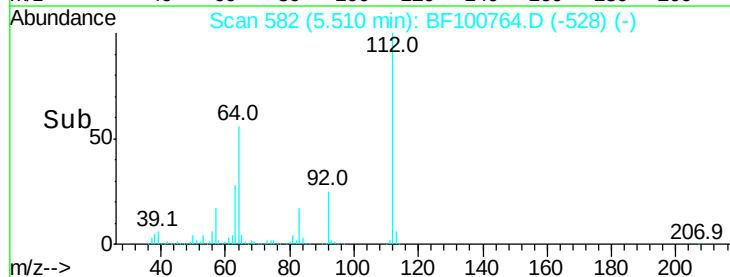
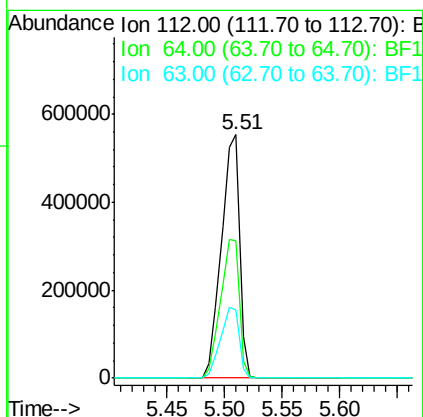
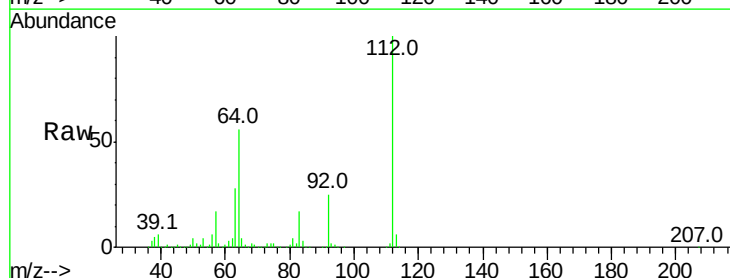
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	124.6	186.8
115	57.8	50.1	75.1

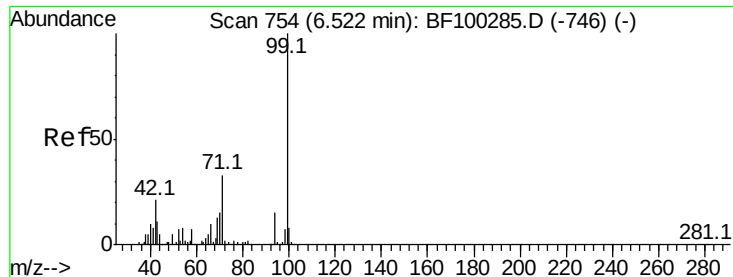


#5

2-Fluorophenol
Concen: 117.882 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.02 min
Lab File: BF100764.D
Acq: 21 Nov 2017 7:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.2	47.9	71.9
63	28.1	23.7	35.5





#7

Phenol-d6

Concen: 101.585 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF100764.D

Acq: 21 Nov 2017 7:28

Instrument :

BNA_F

ClientSampleId :

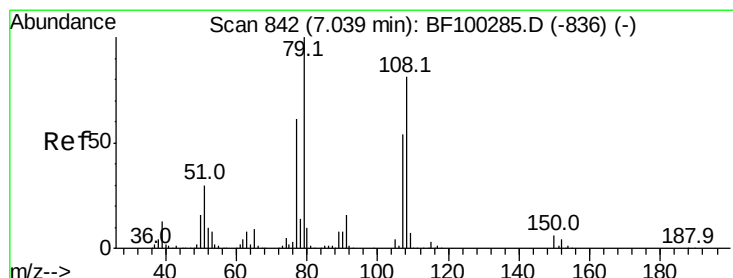
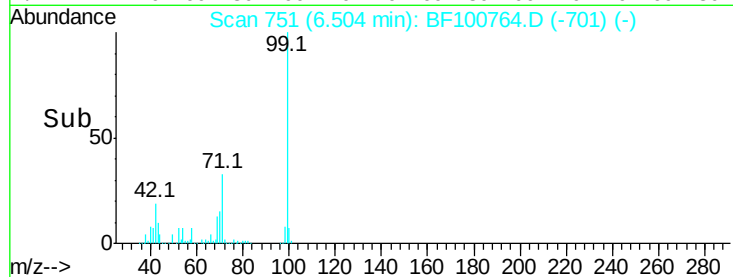
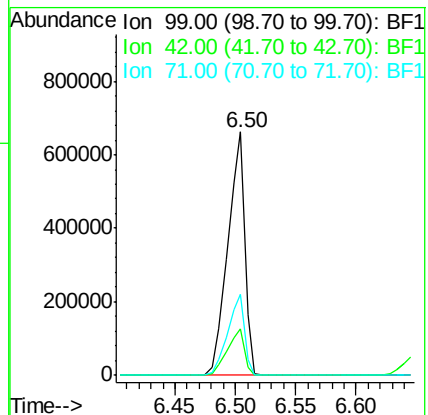
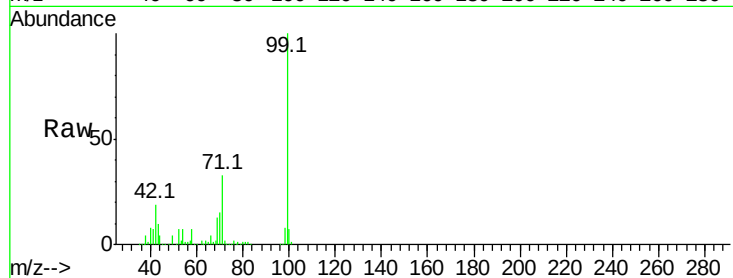
Tot Ion: 99 Resp: 647327

Ion Ratio Lower Upper

99 100

42 18.9 14.5 21.7

71 33.3 25.4 38.0



#15

Benzyl Alcohol

Concen: 2.022 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.01 min

Lab File: BF100764.D

Acq: 21 Nov 2017 7:28

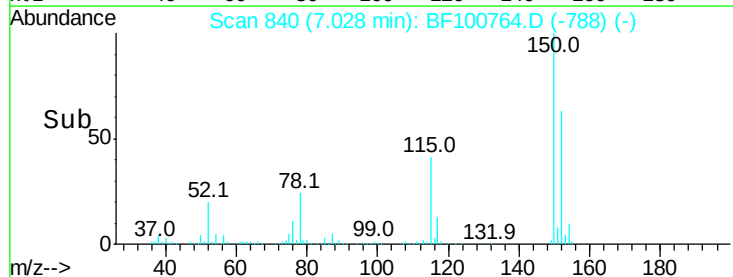
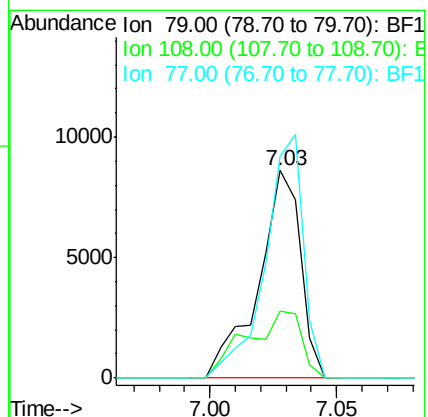
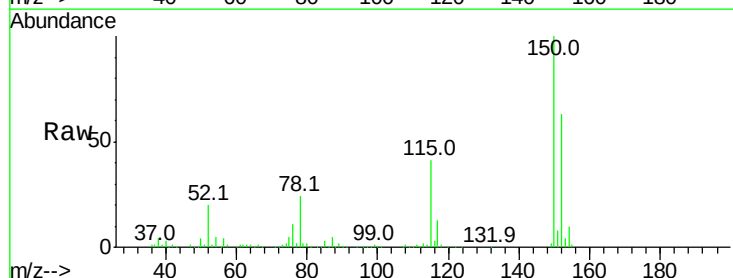
Tgt Ion: 79 Resp: 10058

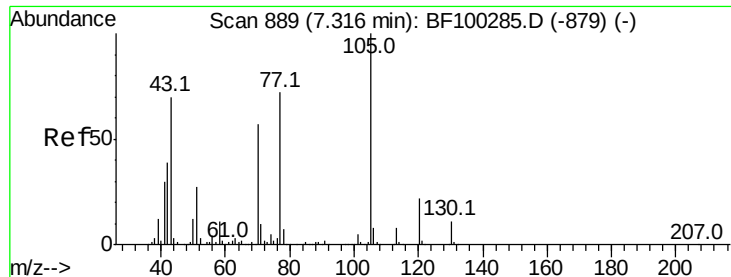
Ion Ratio Lower Upper

79 100

108 32.0 65.1 97.7#

77 106.8 50.6 75.8#

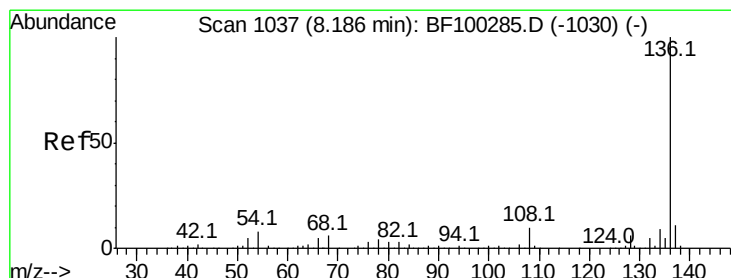
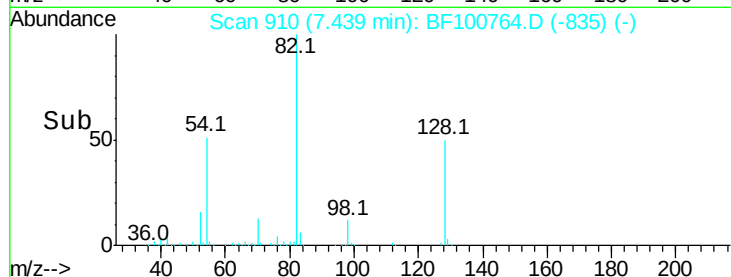
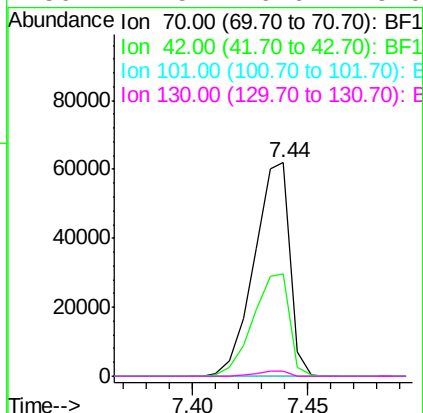
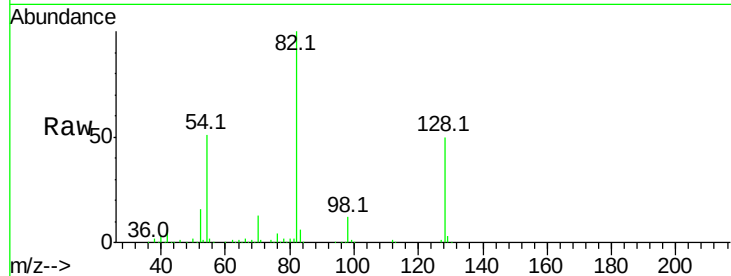




#19
n-Nitroso-di-n-propylamine
Concen: 15.066 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.14 min
Lab File: BF100764.D
Acq: 21 Nov 2017 7:28

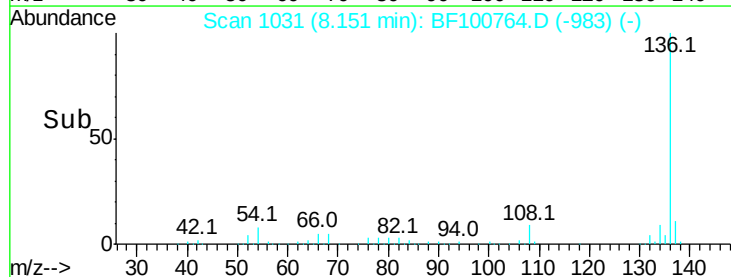
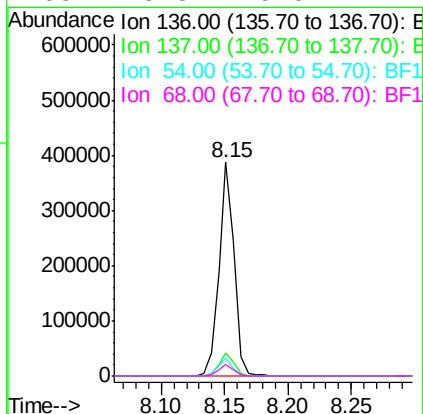
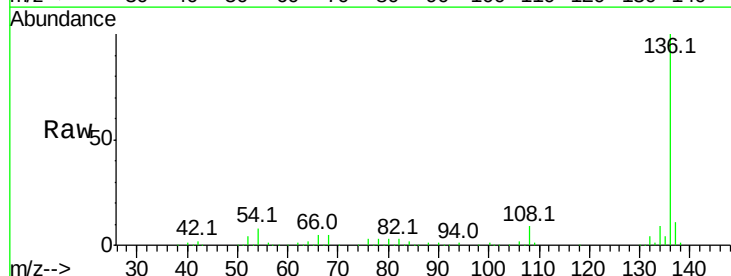
Instrument :
BNA_F
ClientSampled :

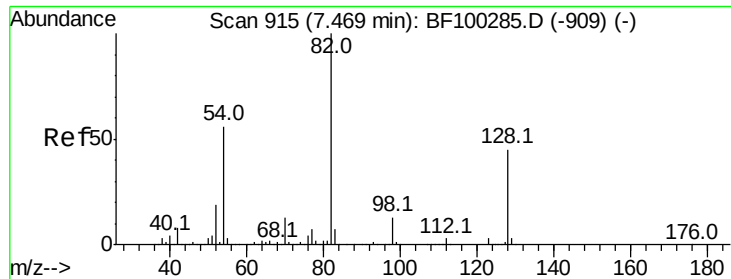
Tot Ion: 70 Resp: 66579
Ion Ratio Lower Upper
70 100
42 47.9 47.5 71.3
101 0.0 7.4 11.2#
130 2.5 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF100764.D
Acq: 21 Nov 2017 7:28

Tgt Ion: 136 Resp: 324424
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.2 6.6 9.8
68 5.3 5.0 7.4

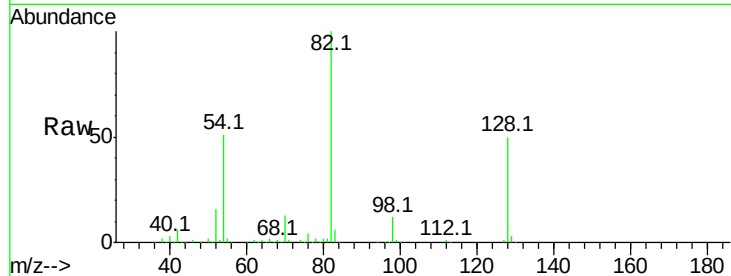




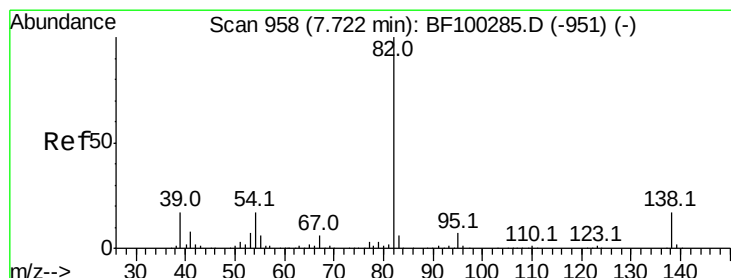
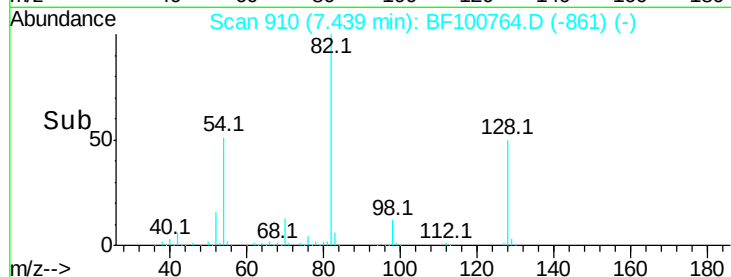
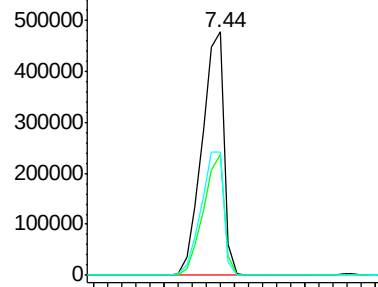
#23
 Nitrobenzene-d5
 Concen: 104.501 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF100764.D
 Acq: 21 Nov 2017 7:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 512797
 Ion Ratio Lower Upper
 82 100
 128 49.6 36.1 54.1
 54 50.7 41.4 62.2

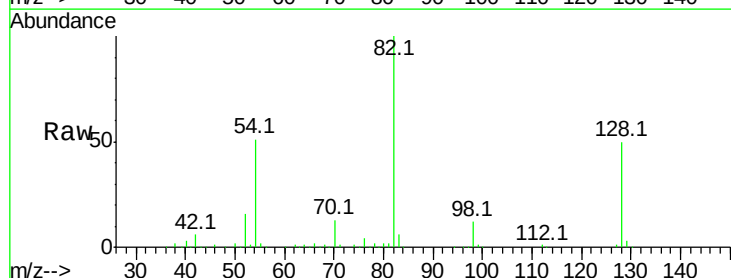


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

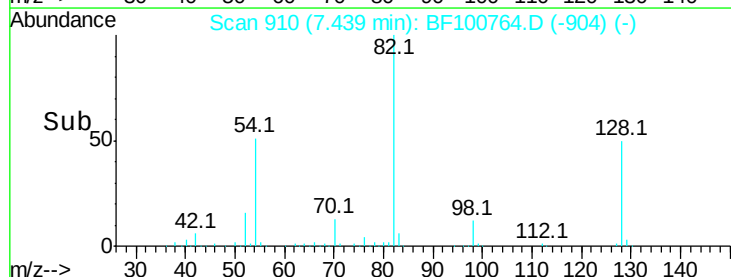
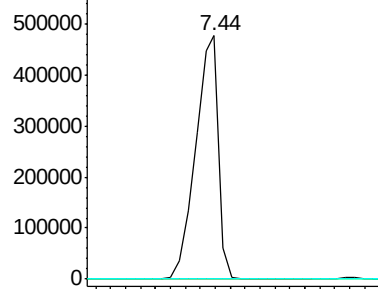


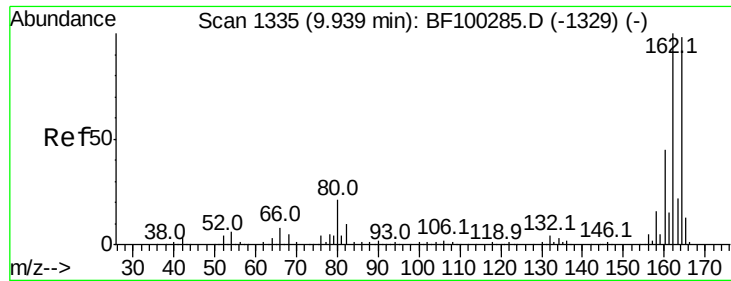
#25
 Isophorone
 Concen: 49.736 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.26 min
 Lab File: BF100764.D
 Acq: 21 Nov 2017 7:28

Tgt Ion: 82 Resp: 512873
 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

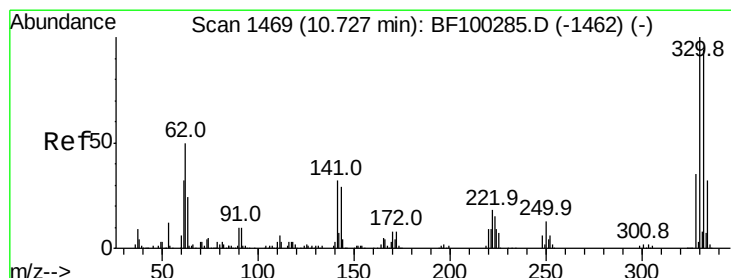
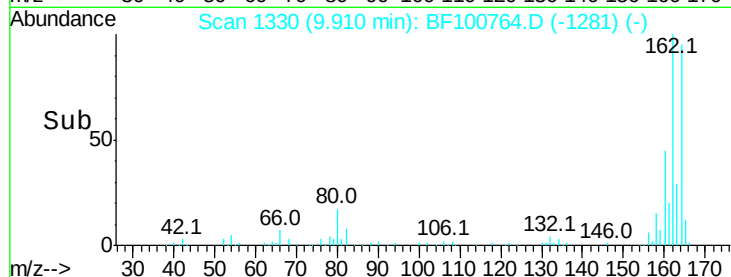
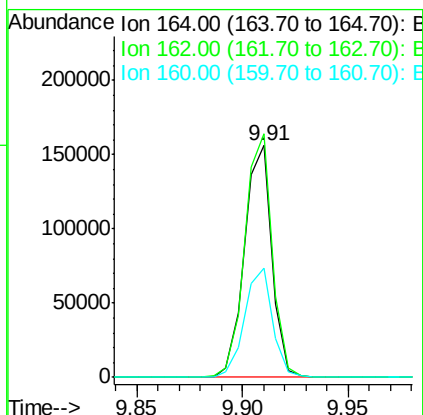
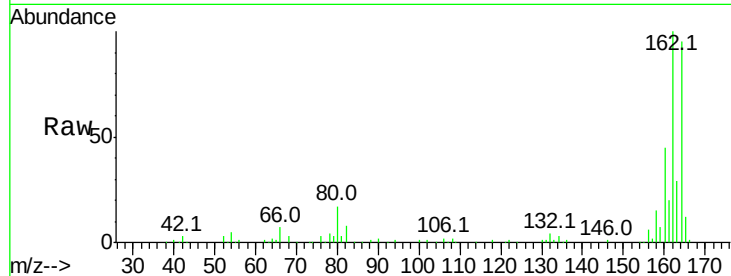




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF100764.D
 Acq: 21 Nov 2017 7:28

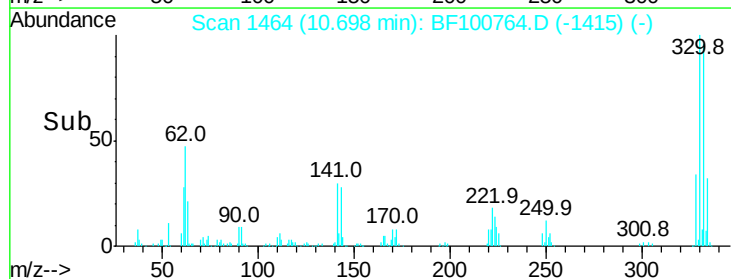
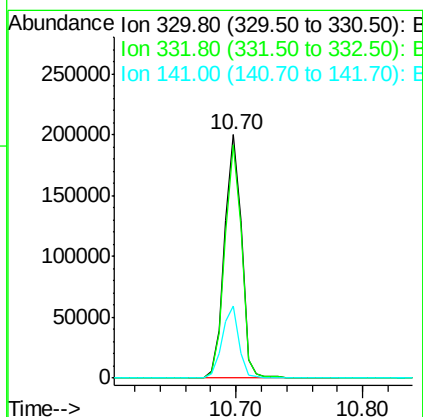
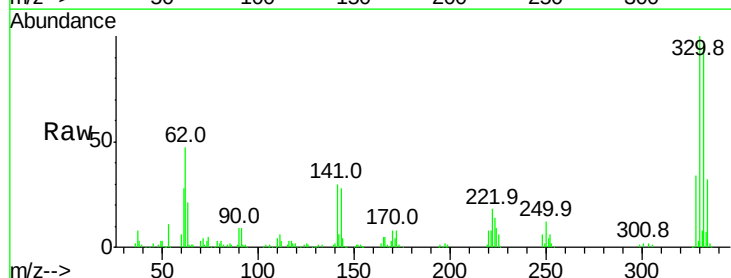
Instrument :
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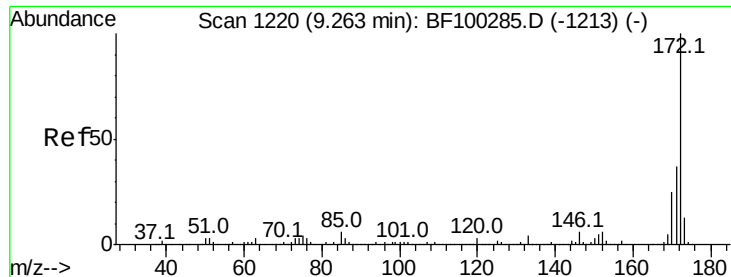
Tot Ion:164 Resp: 140412
 Ion Ratio Lower Upper
 164 100
 162 105.0 86.1 129.1
 160 47.3 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 130.812 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF100764.D
 Acq: 21 Nov 2017 7:28

Tgt Ion:330 Resp: 187165
 Ion Ratio Lower Upper
 330 100
 332 94.4 77.0 115.6
 141 29.2 29.9 44.9#



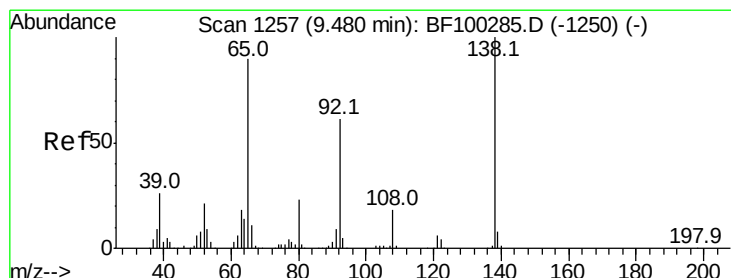
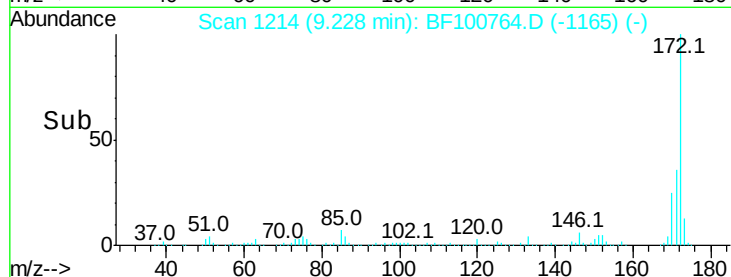
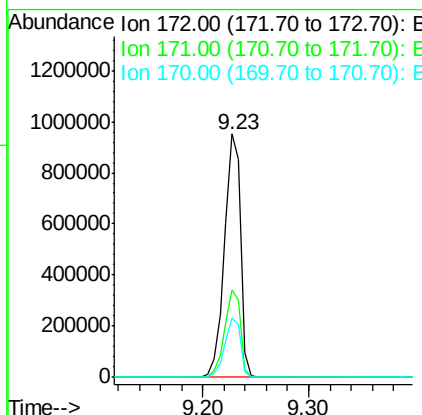
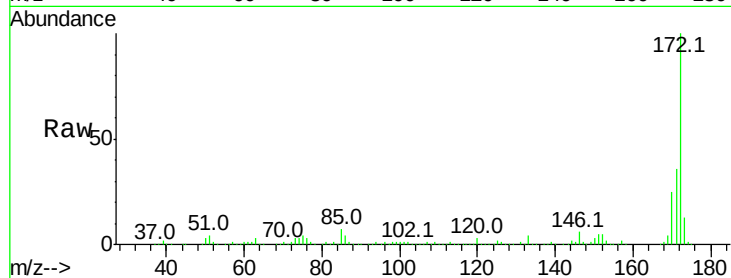


#44
 2-Fluorobiphenyl
 Concen: 109.041 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF100764.D
 Acq: 21 Nov 2017 7:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1005486

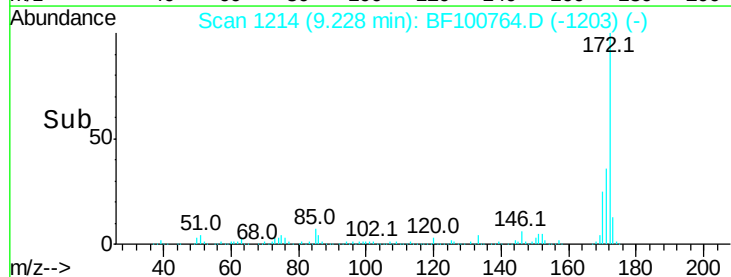
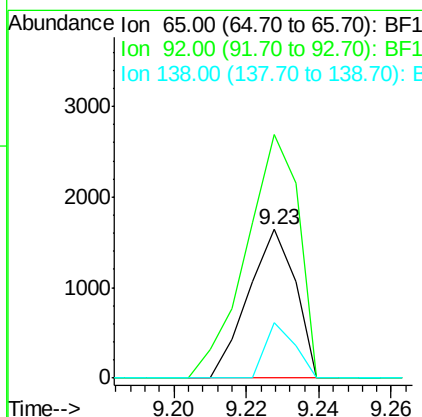
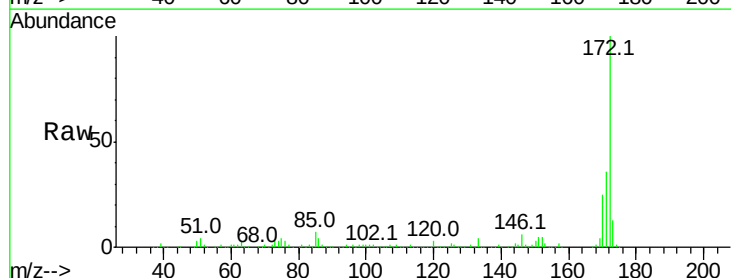
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.5	19.6	29.4

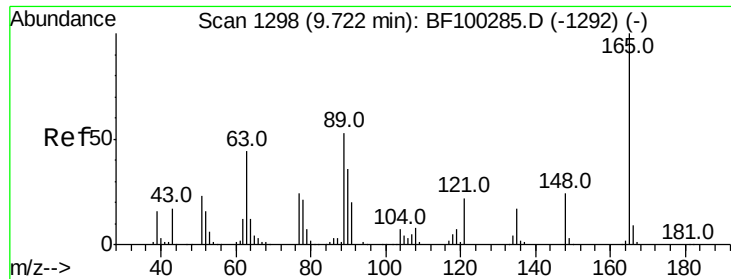


#47
 2-Nitroaniline
 Concen: 3.321 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.24 min
 Lab File: BF100764.D
 Acq: 21 Nov 2017 7:28

Tgt Ion: 65 Resp: 1484

Ion	Ratio	Lower	Upper
65	100		
92	163.8	55.8	83.6#
138	36.9	91.2	136.8#





#50

2,6-Dinitrotoluene

Concen: 8.503 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.21 min

Lab File: BF100764.D

Acq: 21 Nov 2017 7:28

Instrument :

BNA_F

ClientSampleId :

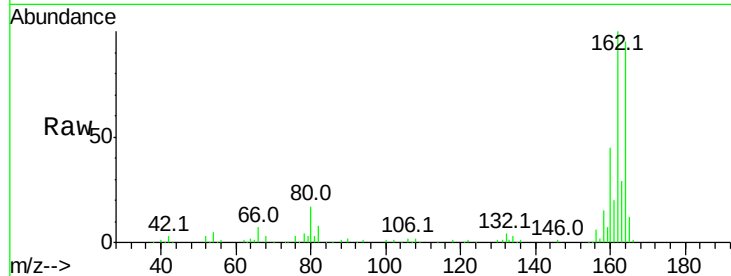
Tot Ion:165 Resp: 18044

Ion Ratio Lower Upper

165 100

63 1.5 44.7 67.1#

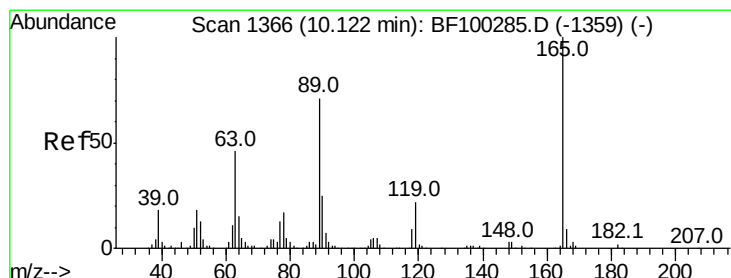
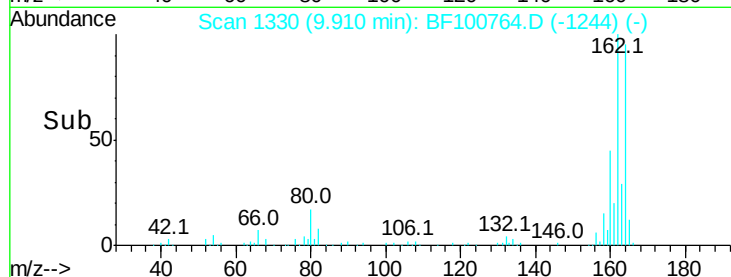
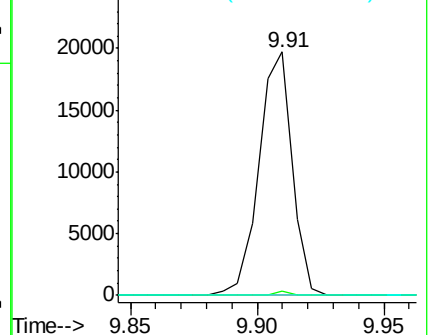
89 0.0 44.0 66.0#



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: 6.740 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.20 min

Lab File: BF100764.D

Acq: 21 Nov 2017 7:28

Tgt Ion:165 Resp: 18044

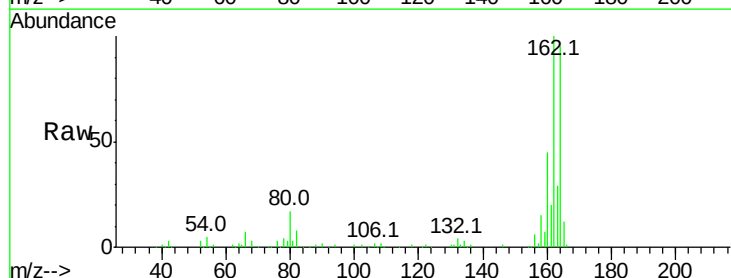
Ion Ratio Lower Upper

165 100

63 1.5 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

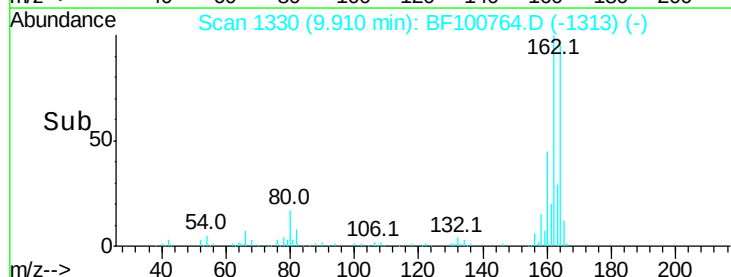
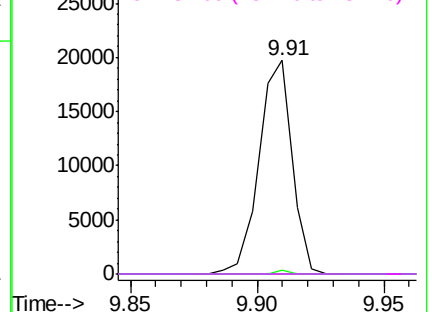


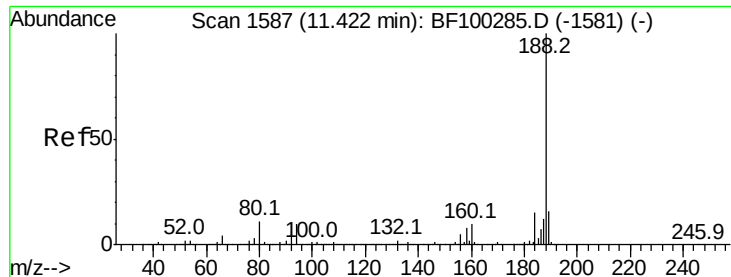
Abundance Ion 165.00 (164.70 to 165.70): E

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

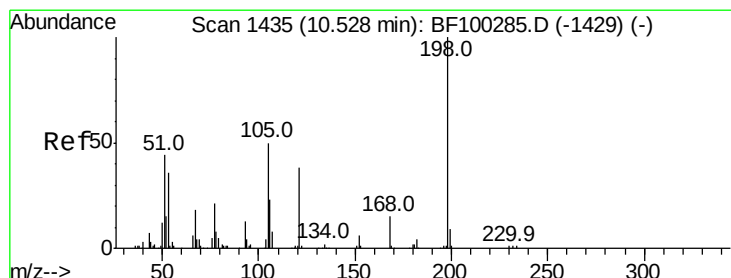
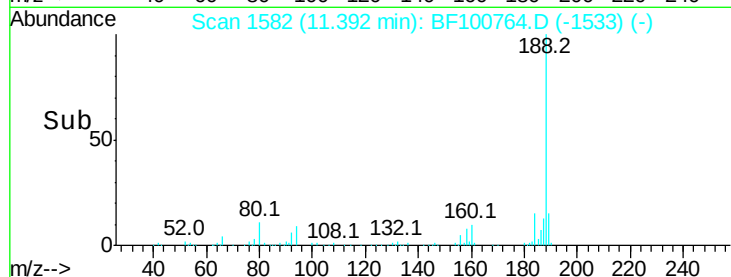
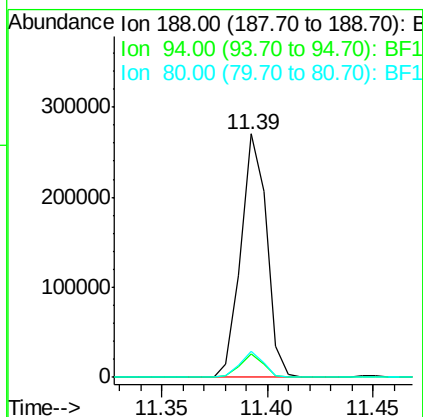
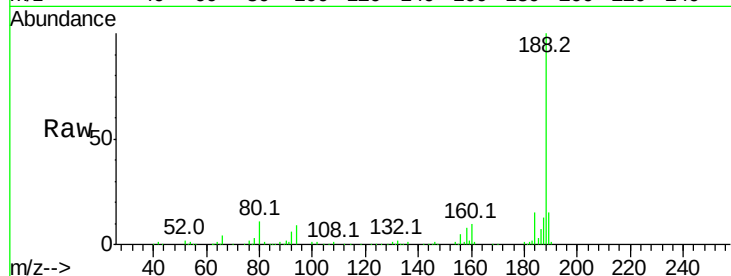




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.01 min
 Lab File: BF100764.D
 Acq: 21 Nov 2017 7:28

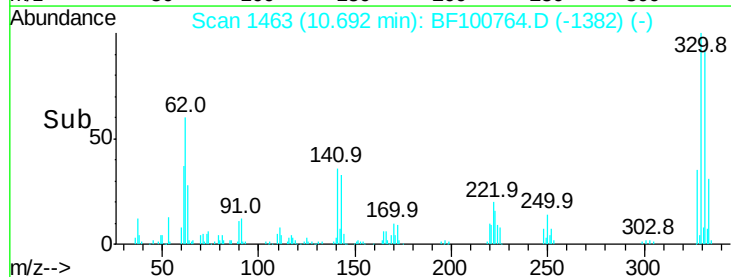
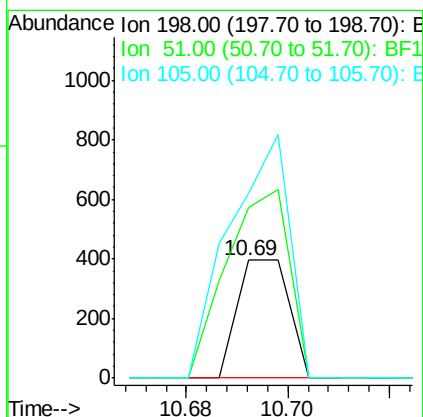
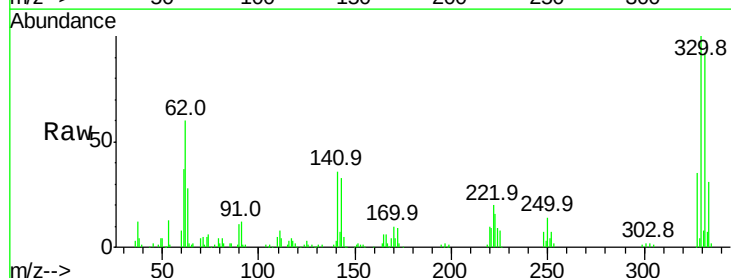
Instrument :
 BNA_F
 ClientSampleId :

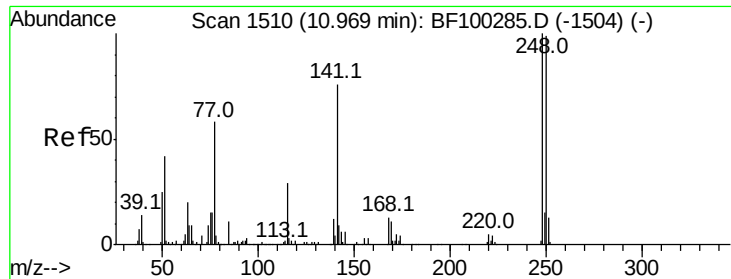
Tot Ion:188 Resp: 228877
 Ion Ratio Lower Upper
 188 100
 94 9.4 8.5 12.7
 80 10.6 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.768 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. 0.18 min
 Lab File: BF100764.D
 Acq: 21 Nov 2017 7:28

Tgt Ion:198 Resp: 279
 Ion Ratio Lower Upper
 198 100
 51 144.6 37.7 77.7#
 105 156.7 36.3 76.3#

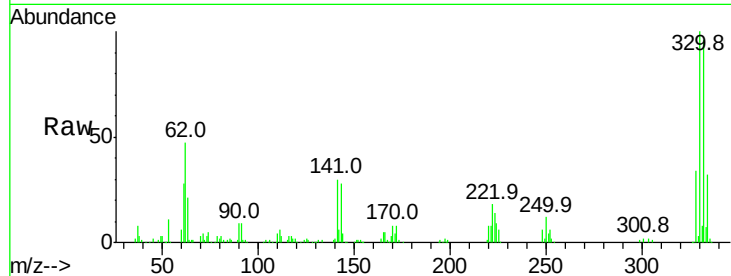




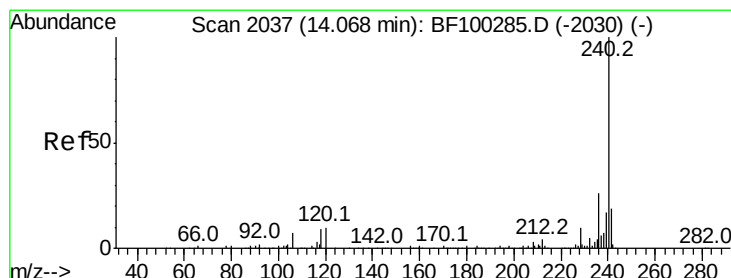
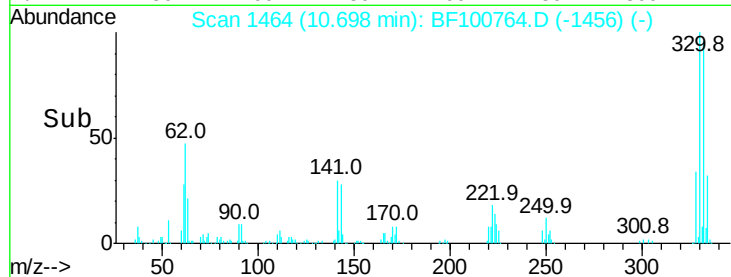
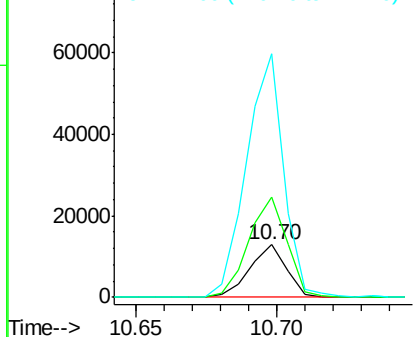
#66
4-Bromophenyl-phenylether
Concen: 4.746 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.25 min
Lab File: BF100764.D
Acq: 21 Nov 2017 7:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 11645
Ion Ratio Lower Upper
248 100
250 189.4 76.9 115.3#
141 460.8 74.4 111.6#

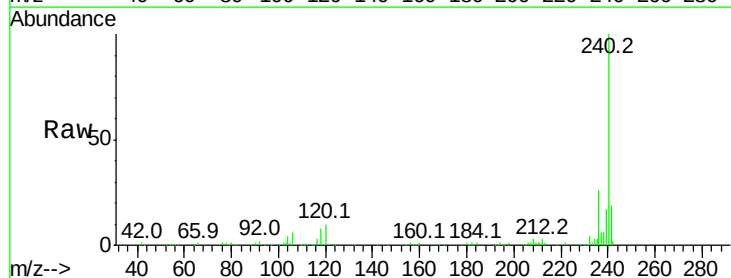


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

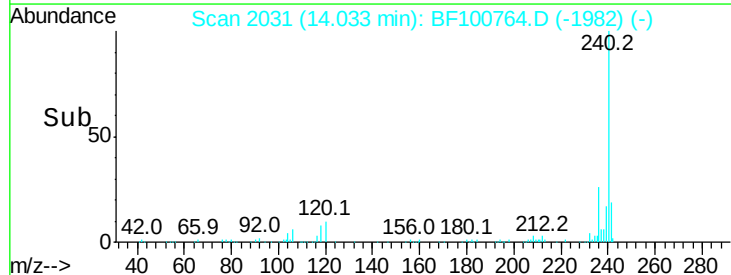
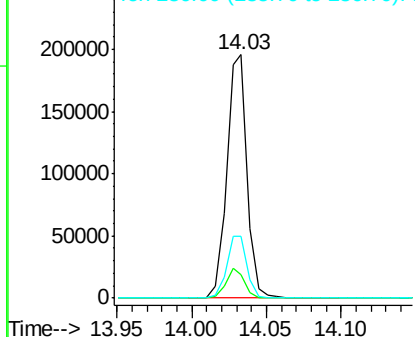


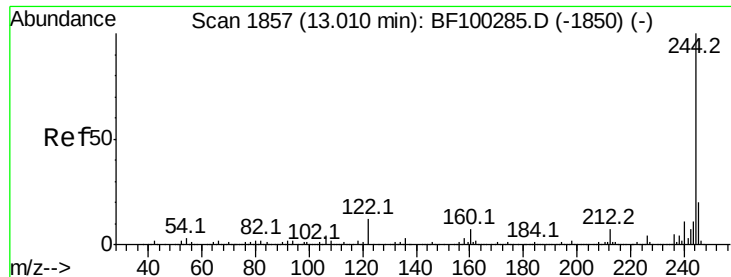
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF100764.D
Acq: 21 Nov 2017 7:28

Tgt Ion:240 Resp: 187120
Ion Ratio Lower Upper
240 100
120 9.7 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: 93.401 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF100764.D

Acq: 21 Nov 2017 7:28

Instrument :

BNA_F

ClientSampled :

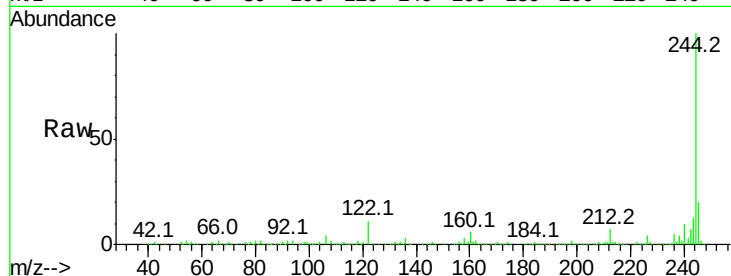
Tot Ion:244 Resp: 760637

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

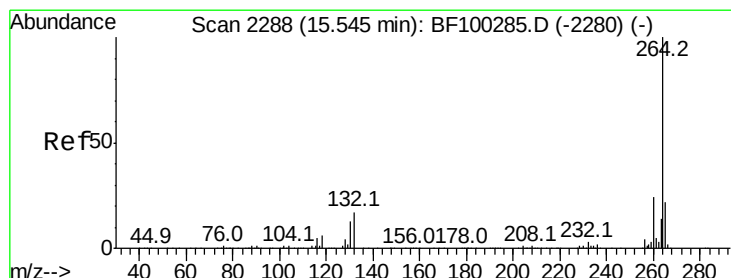
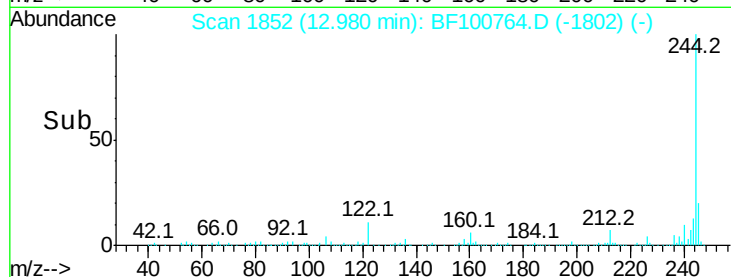
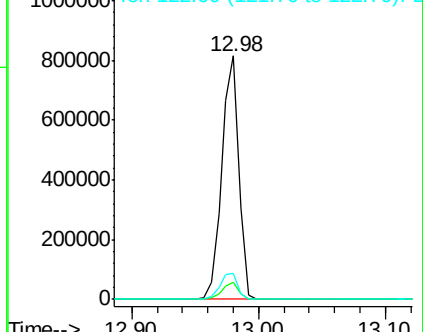
122 10.7 11.0 16.4#



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: 15.50 min Scan# 2281

Delta R.T. -0.01 min

Lab File: BF100764.D

Acq: 21 Nov 2017 7:28

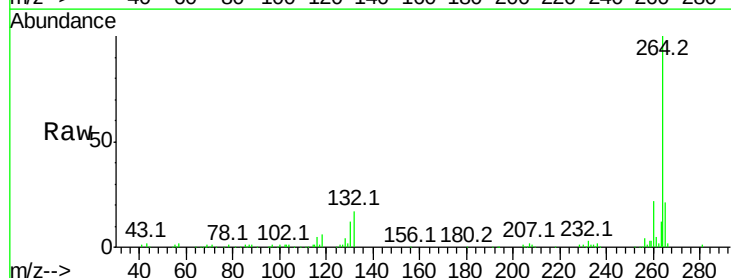
Tgt Ion:264 Resp: 150993

Ion Ratio Lower Upper

264 100

260 22.5 19.2 28.8

265 21.3 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

