

Data File : BF100762.D
Acq On : 21 Nov 2017 6:34
Operator : SJ/JU
Sample : I6306-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-08-111717

Quant Time: Nov 21 07:25:40 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	75398	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	290398	20.00	ng	-0.02
38) Acenaphthene-d10	9.91	164	121500	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	188778	20.00	ng	-0.01
75) Chrysene-d12	14.03	240	171683	20.00	ng	-0.01
86) Perylene-d12	15.50	264	134741	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	572755	121.77	ng	0.01
7) Phenol-d6	6.50	99	613986	105.86	ng	0.00
23) Nitrobenzene-d5	7.43	82	478611	108.96	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	171345	138.40	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	951533	119.25	ng	-0.01
78) Terphenyl-d14	12.98	244	695400	93.07	ng	0.00

Target Compounds						Qvalue
9) Benzaldehyde	6.65	77	12983	3.13	ng	81
19) n-Nitroso-di-n-propylamine	7.43	70	62888	15.63	ng	# 79
25) Isophorone	7.43	82	478598	51.85	ng	# 64
31) Naphthalene	8.17	128	60820	4.35	ng	99
47) 2-Nitroaniline	9.23	65	1333	3.34	ng	# 1
50) 2,6-Dinitrotoluene	9.91	165	15627	8.51	ng	# 24
56) 2,4-Dinitrotoluene	9.91	165	15627	6.75	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.70	198	134	8.69	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	10857	5.36	ng	# 1

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

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NB-08-111717

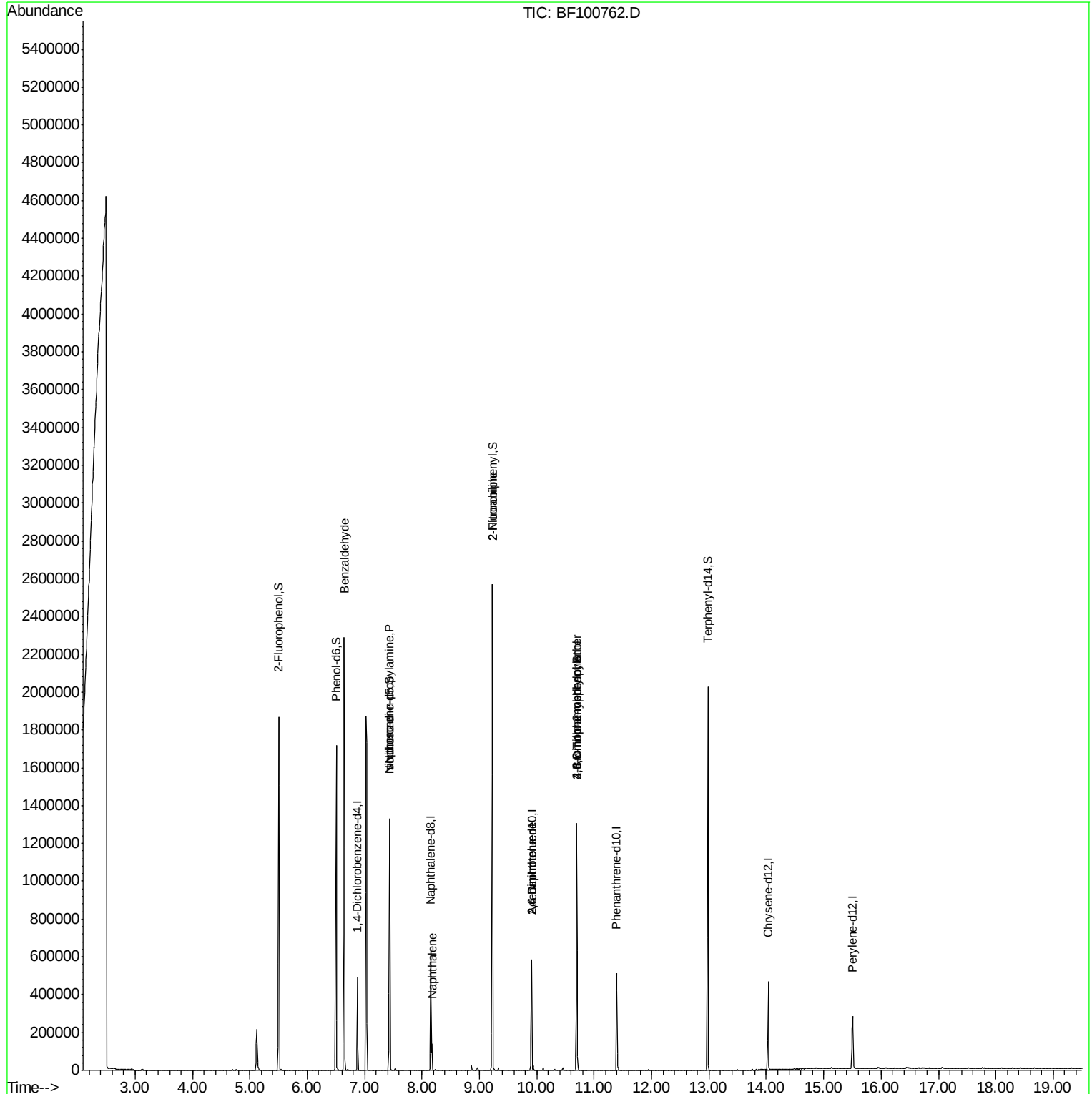
Quant Time: Nov 21 07:25:40 2017

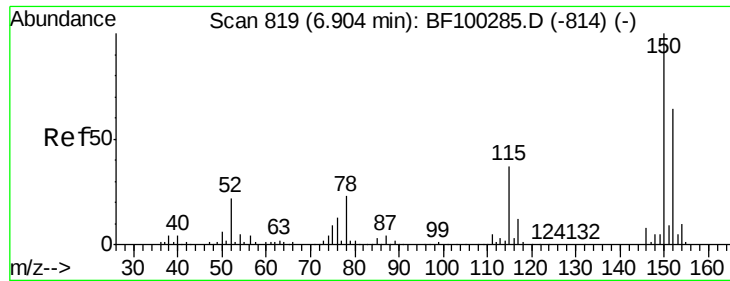
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Nov 17 15:22:08 2017

Response via : Initial Calibration

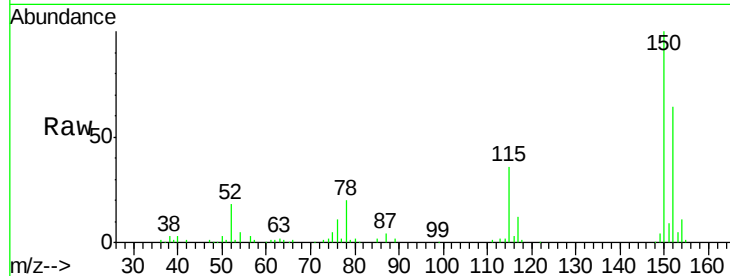




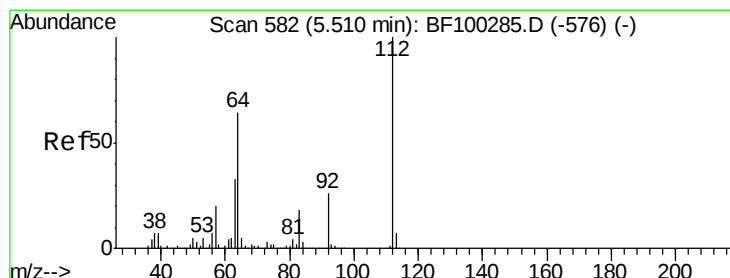
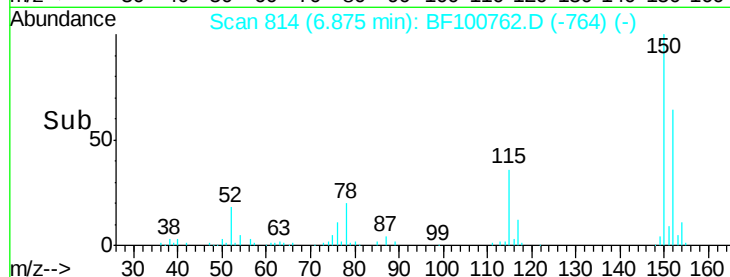
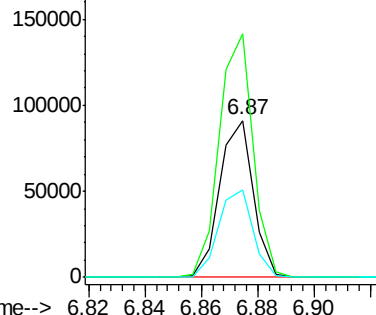
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF100762.D
 Acq: 21 Nov 2017 6:34

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-111717

Tgt Ion:152 Resp: 75398
 Ion Ratio Lower Upper
 152 100
 150 155.1 124.6 186.8
 115 55.6 50.1 75.1

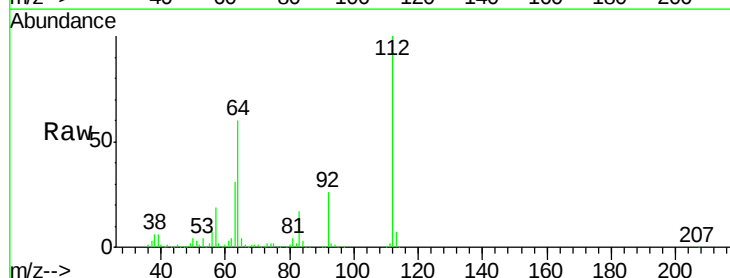


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

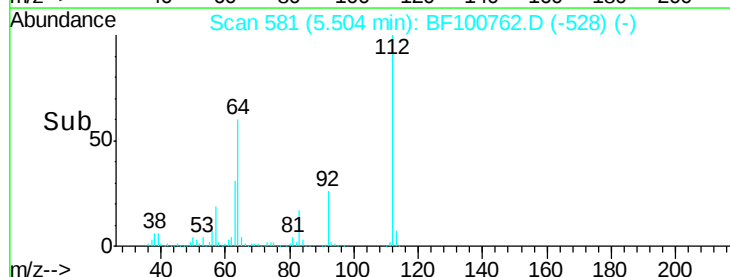
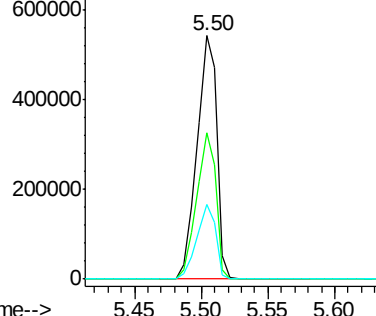


#5
 2-Fluorophenol
 Concen: 121.77 ng
 RT: 5.50 min Scan# 581
 Delta R.T. 0.01 min
 Lab File: BF100762.D
 Acq: 21 Nov 2017 6:34

Tgt Ion:112 Resp: 572755
 Ion Ratio Lower Upper
 112 100
 64 60.2 47.9 71.9
 63 30.6 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: 105.86 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF100762.D

Acq: 21 Nov 2017 6:34

Instrument :

BNA_F

ClientSampleId :

NB-08-111717

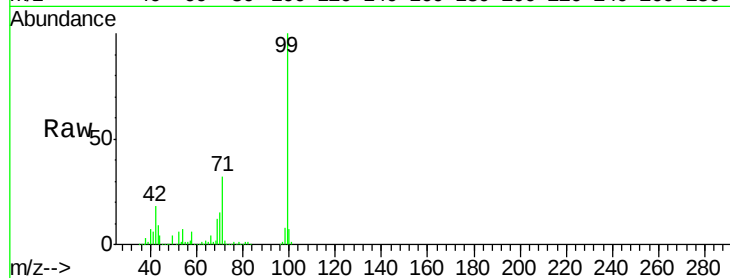
Tgt Ion: 99 Resp: 613986

Ion Ratio Lower Upper

99 100

42 18.2 14.5 21.7

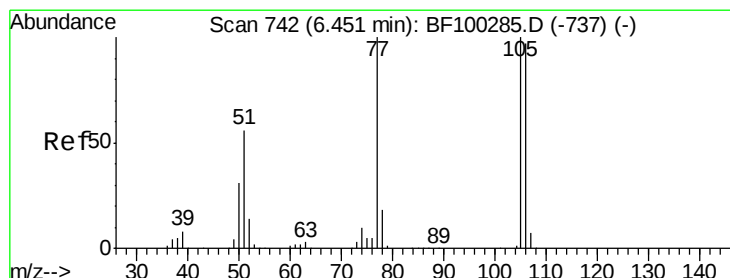
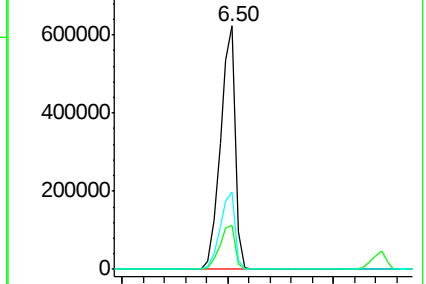
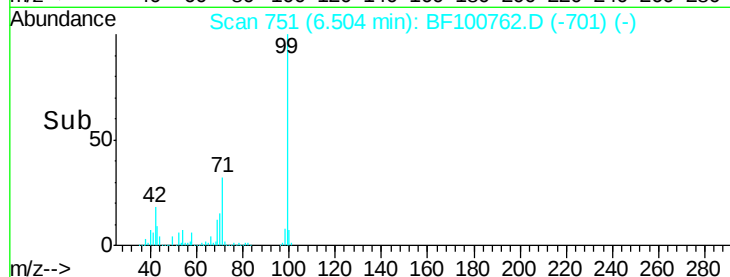
71 32.0 25.4 38.0



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: 3.13 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.21 min

Lab File: BF100762.D

Acq: 21 Nov 2017 6:34

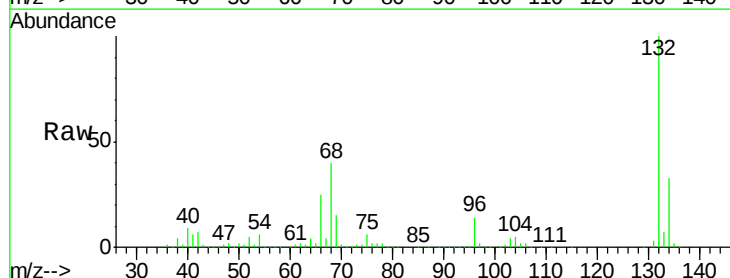
Tgt Ion: 77 Resp: 12983

Ion Ratio Lower Upper

77 100

105 81.5 81.1 121.1

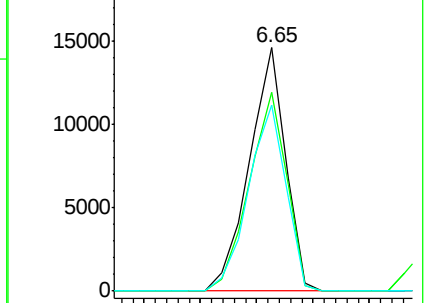
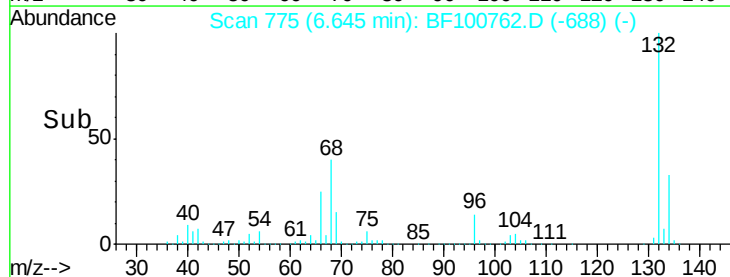
106 76.3 74.5 114.5



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

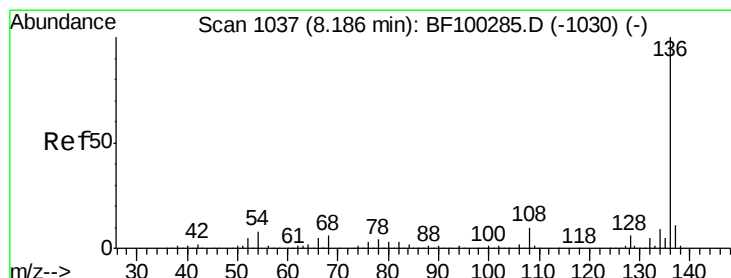
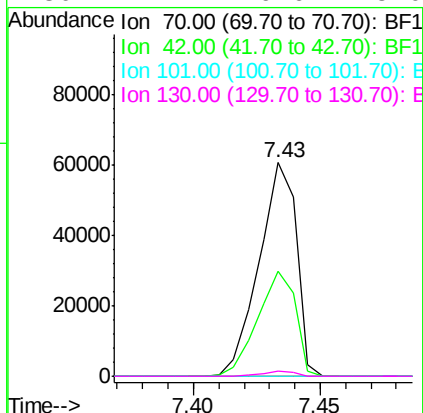
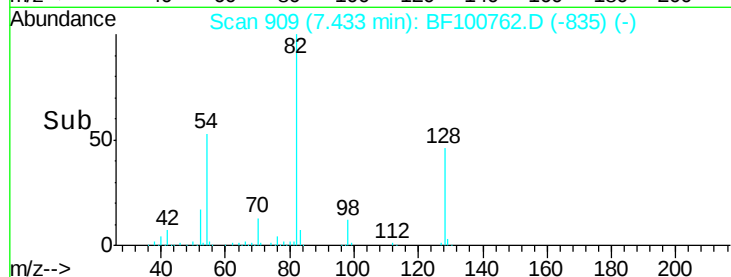
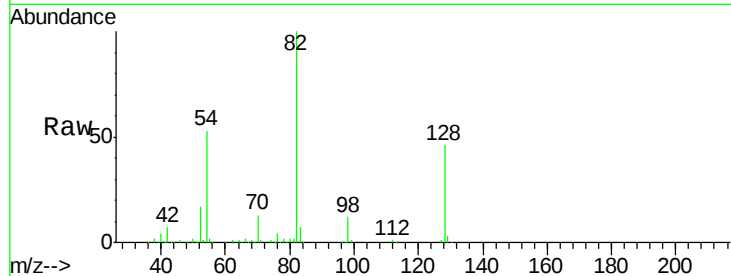




#19
n-Nitroso-di-n-propylamine
Concen: 15.63 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.14 min
Lab File: BF100762.D
Acq: 21 Nov 2017 6:34

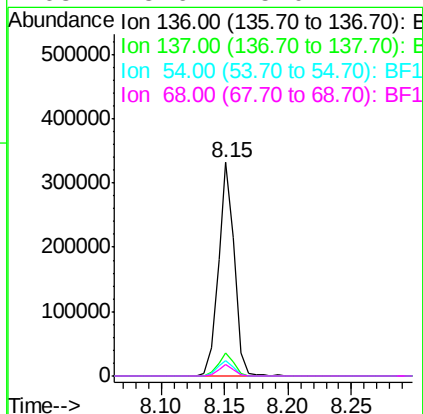
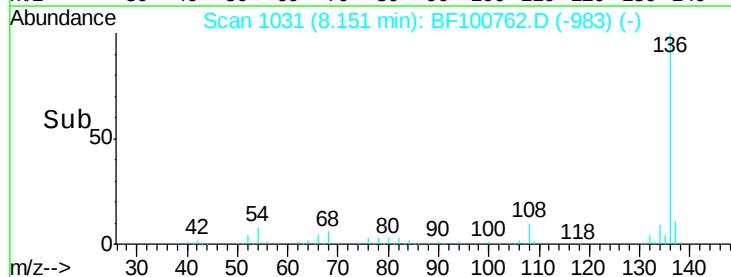
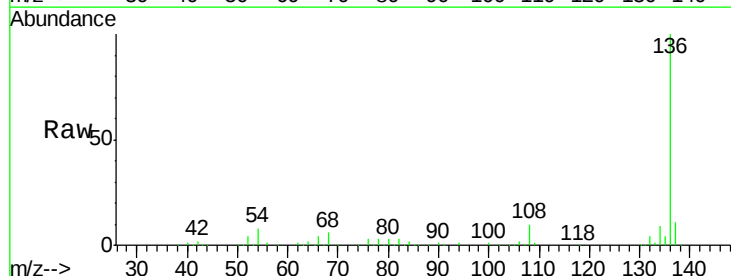
Instrument :
BNA_F
ClientSampleId :
NB-08-111717

Tgt Ion: 70 Resp: 62888
Ion Ratio Lower Upper
70 100
42 49.2 47.5 71.3
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF100762.D
Acq: 21 Nov 2017 6:34

Tgt Ion: 136 Resp: 290398
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 7.5 6.6 9.8
68 5.6 5.0 7.4

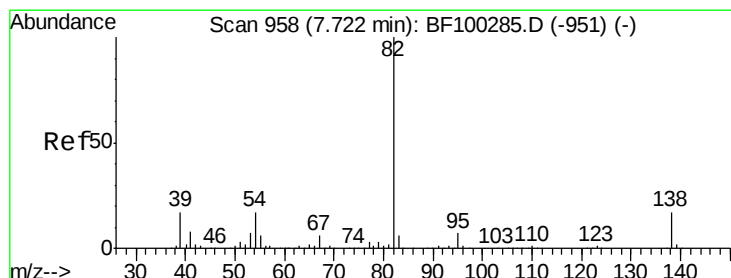
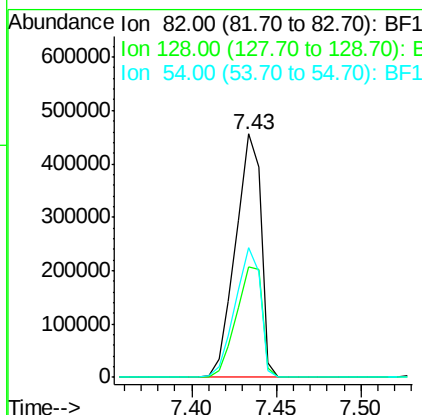
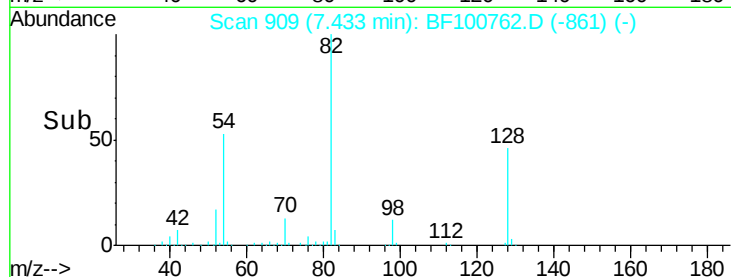
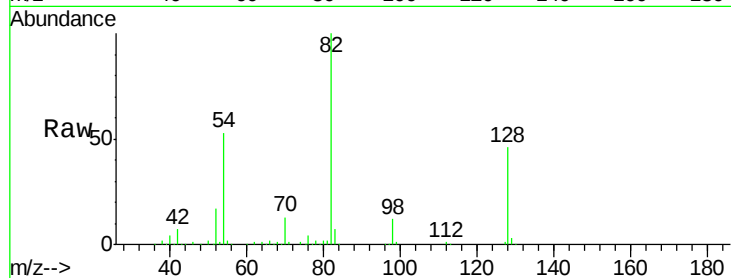




#23
Nitrobenzene-d5
Concen: 108.96 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF100762.D
Acq: 21 Nov 2017 6:34

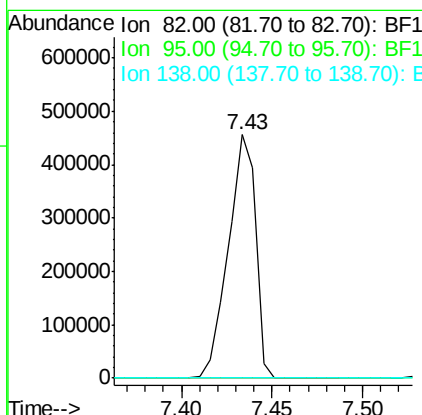
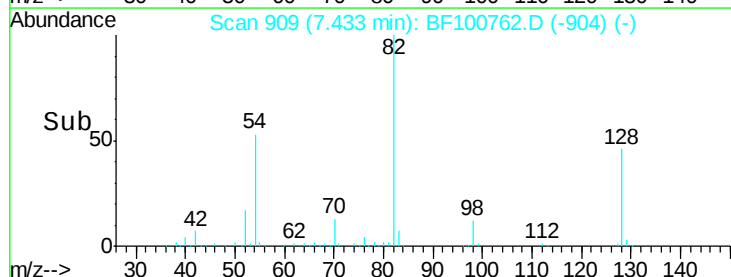
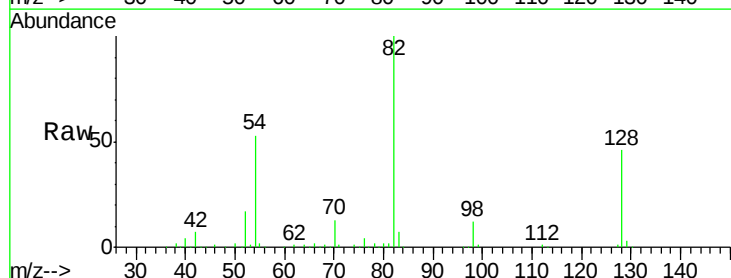
Instrument :
BNA_F
ClientSampleId :
NB-08-111717

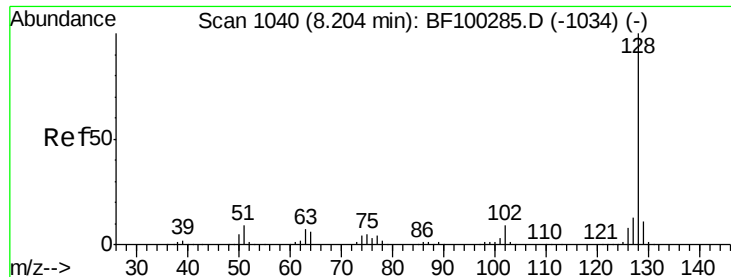
Tgt Ion: 82 Resp: 478611
Ion Ratio Lower Upper
82 100
128 45.6 36.1 54.1
54 53.2 41.4 62.2



#25
Isophorone
Concen: 51.85 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.27 min
Lab File: BF100762.D
Acq: 21 Nov 2017 6:34

Tgt Ion: 82 Resp: 478598
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#

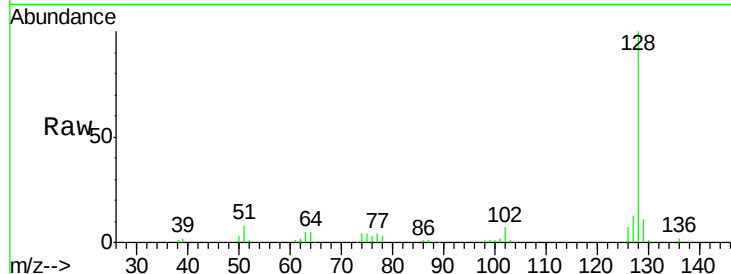




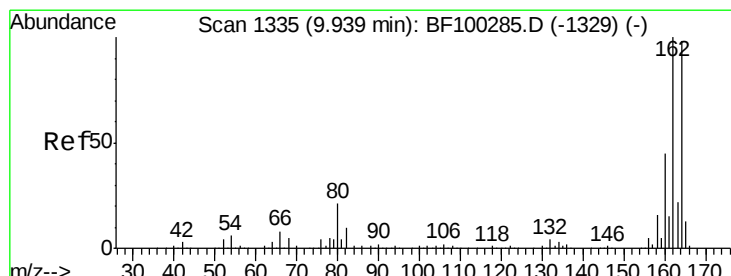
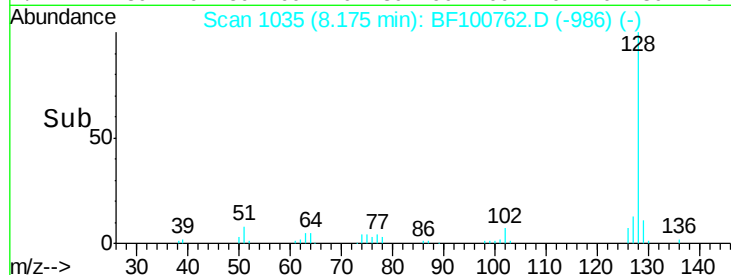
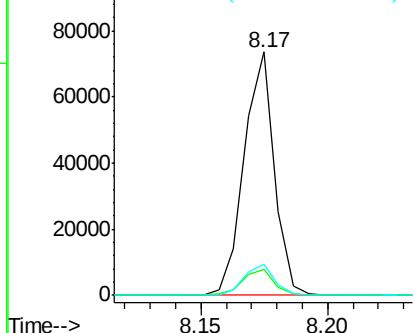
#31
Naphthalene
Concen: 4.35 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF100762.D
Acq: 21 Nov 2017 6:34

Instrument :
BNA_F
ClientSampleId :
NB-08-111717

Tgt Ion:128 Resp: 60820
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 12.7 10.9 16.3

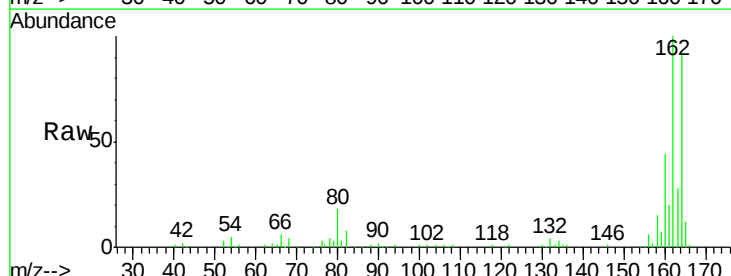


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

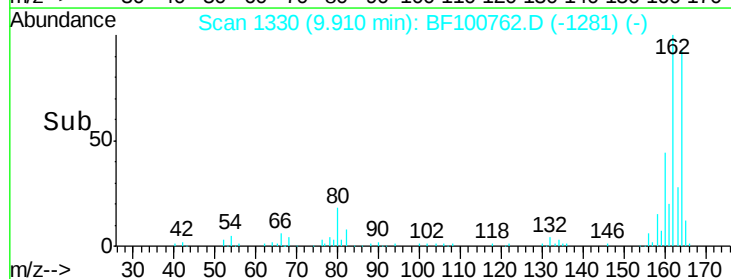
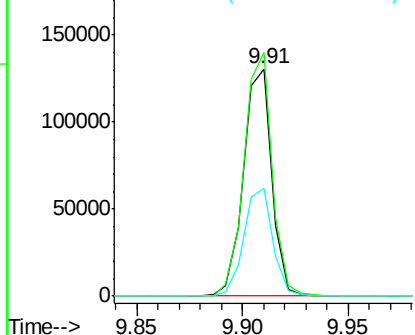


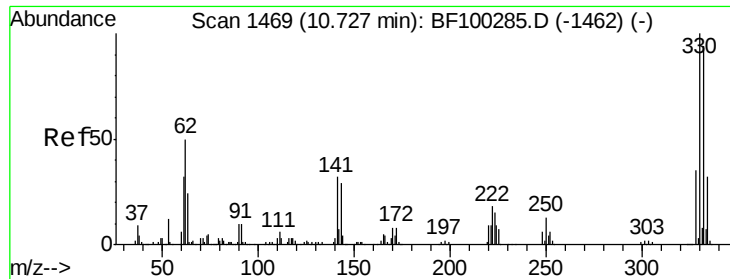
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF100762.D
Acq: 21 Nov 2017 6:34

Tgt Ion:164 Resp: 121500
Ion Ratio Lower Upper
164 100
162 107.1 86.1 129.1
160 47.6 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

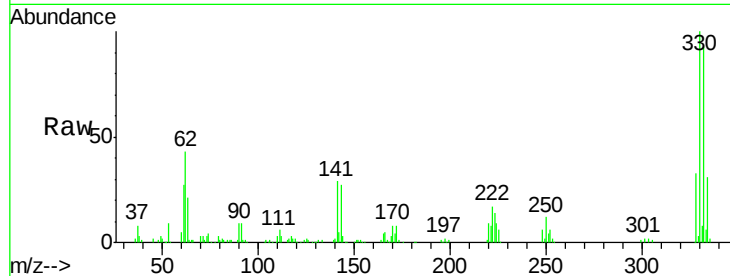




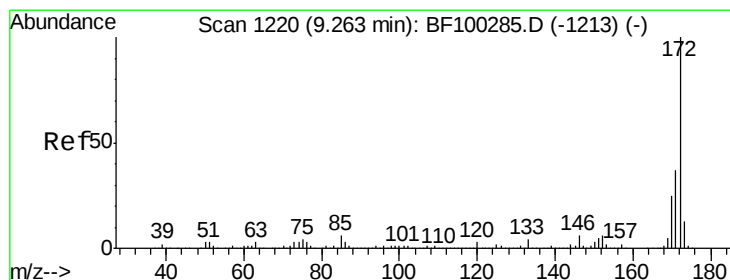
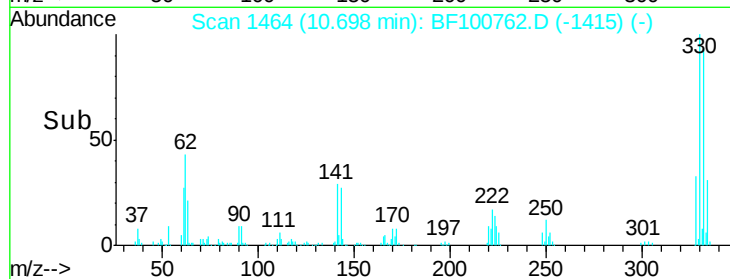
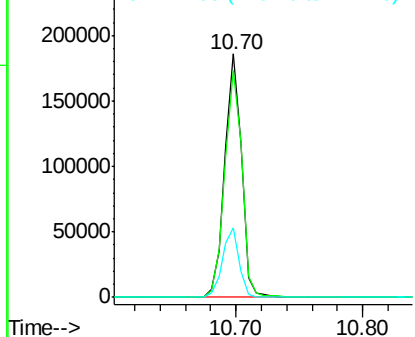
#41
 2,4,6-Tribromophenol
 Concen: 138.40 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF100762.D
 Acq: 21 Nov 2017 6:34

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-111717

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	28.3	29.9	44.9#

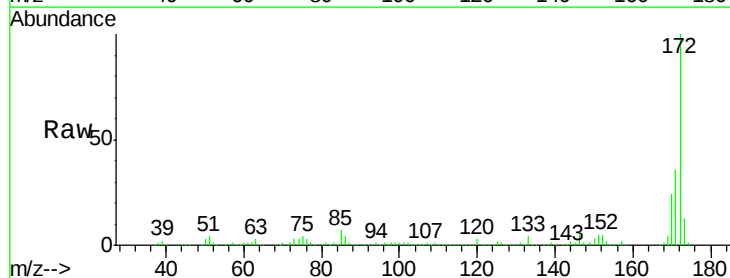


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

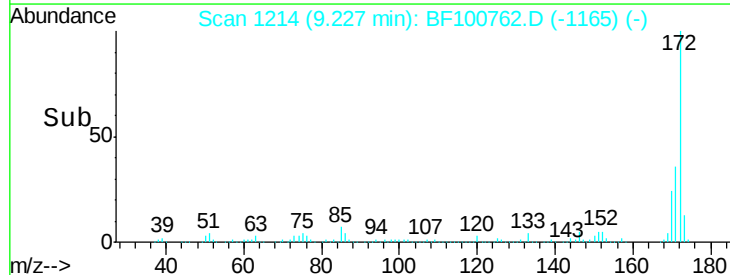
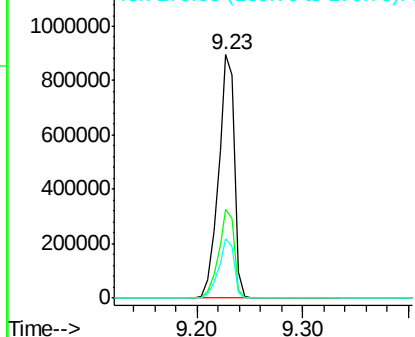


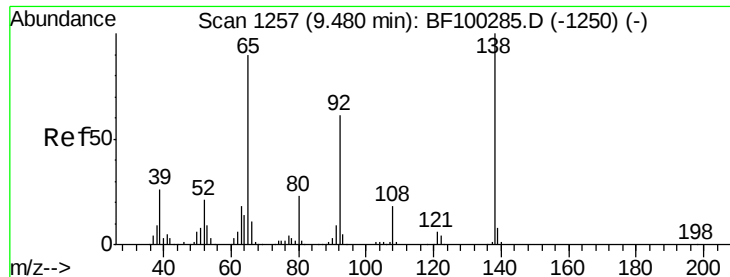
#44
 2-Fluorobiphenyl
 Concen: 119.25 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF100762.D
 Acq: 21 Nov 2017 6:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.2	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





#47

2-Nitroaniline

Concen: 3.34 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.24 min

Lab File: BF100762.D

Acq: 21 Nov 2017 6:34

Instrument :

BNA_F

ClientSampleId :

NB-08-111717

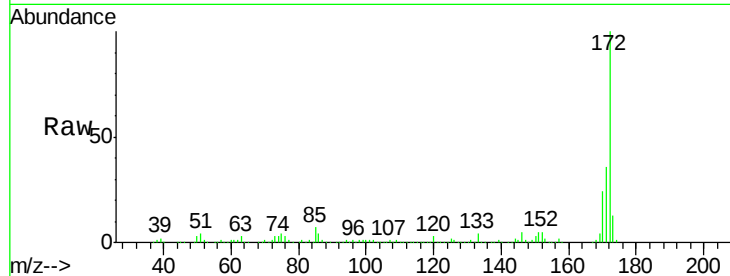
Tgt Ion: 65 Resp: 1333

Ion Ratio Lower Upper

65 100

92 210.4 55.8 83.6#

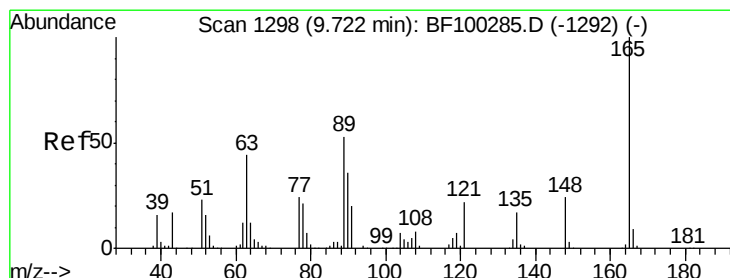
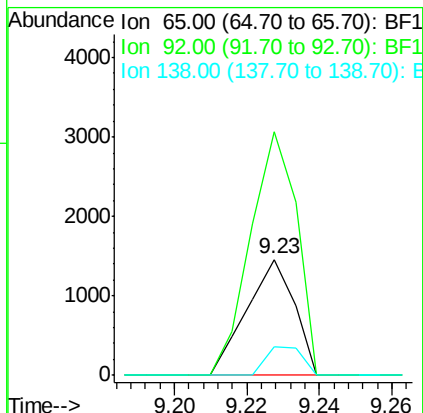
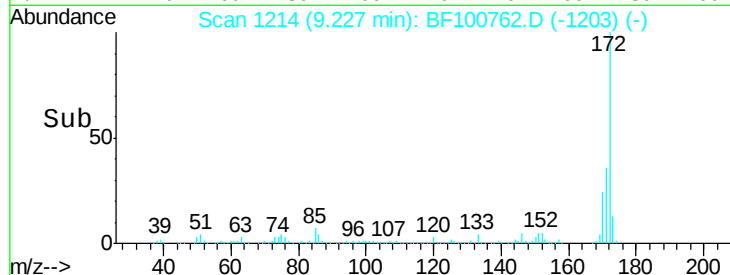
138 25.2 91.2 136.8#



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): BF1



#50

2,6-Dinitrotoluene

Concen: 8.51 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.21 min

Lab File: BF100762.D

Acq: 21 Nov 2017 6:34

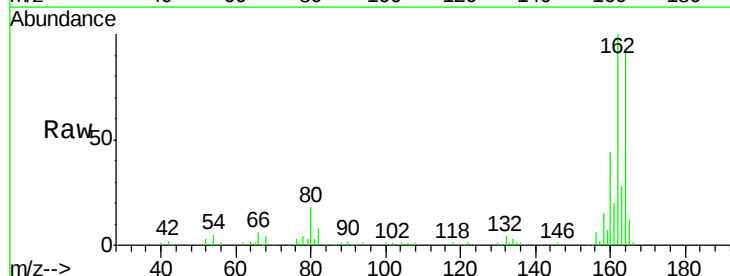
Tgt Ion: 165 Resp: 15627

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

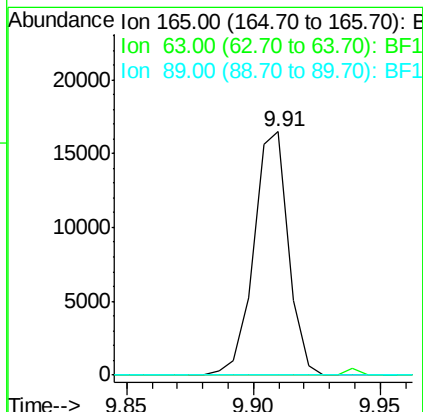
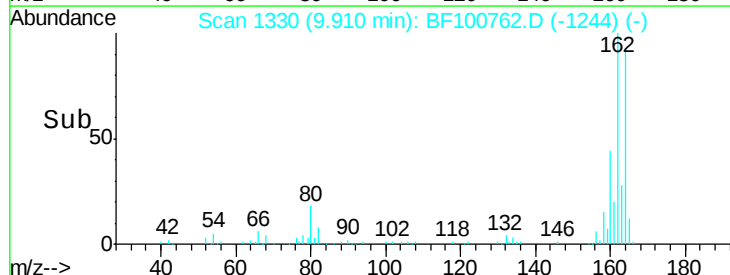
89 0.0 44.0 66.0#

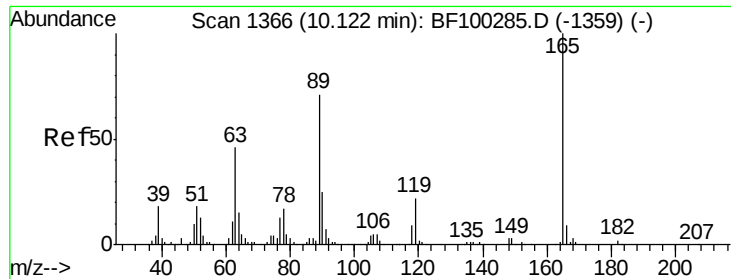


Abundance Ion 165.00 (164.70 to 165.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

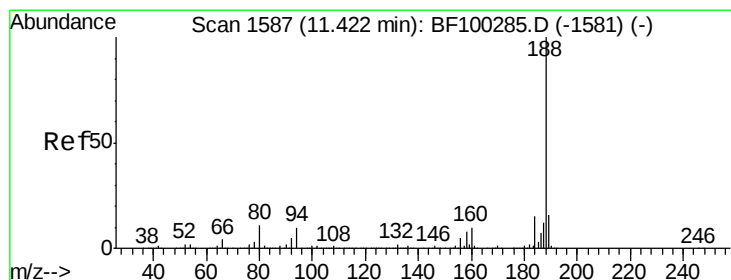
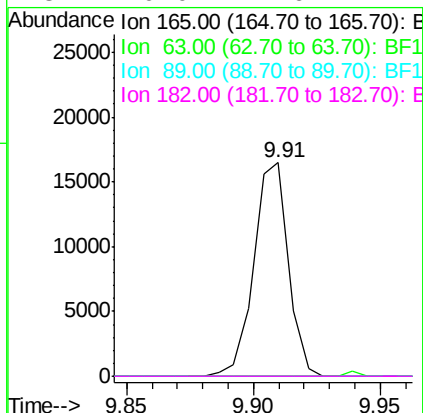
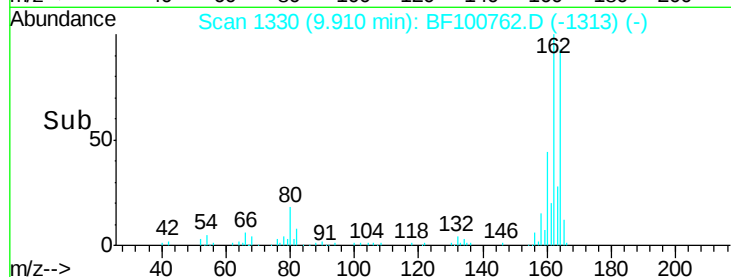
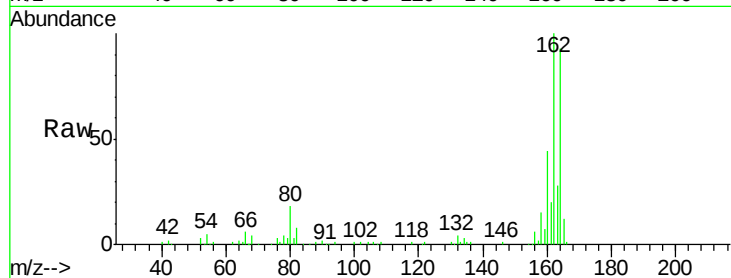




#56
 2,4-Dinitrotoluene
 Concen: 6.75 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.20 min
 Lab File: BF100762.D
 Acq: 21 Nov 2017 6:34

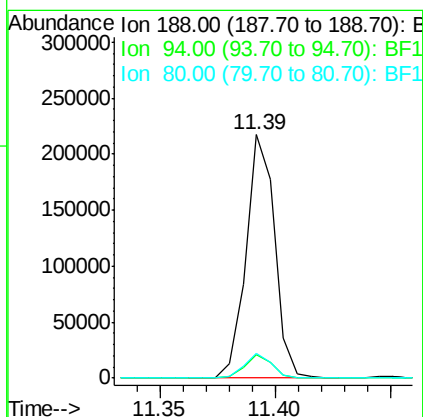
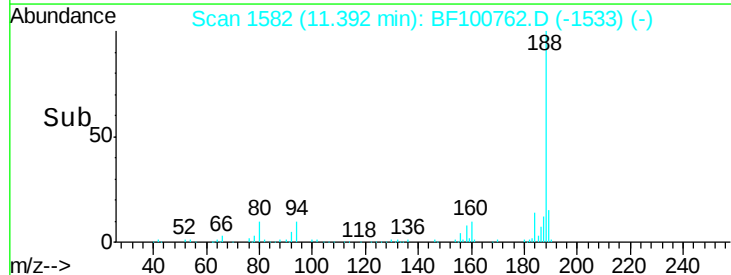
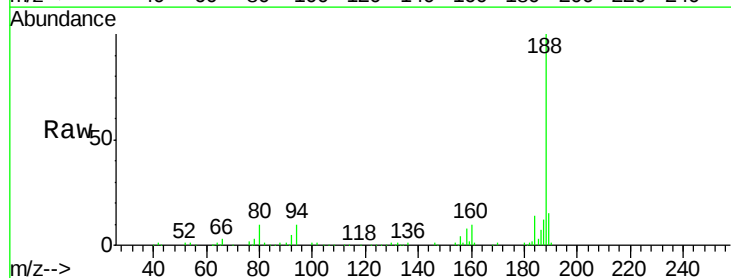
Instrument :
 BNA_F
 ClientSampleId :
 NB-08-111717

Tgt Ion:	165	Resp:	15627
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#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.01 min
 Lab File: BF100762.D
 Acq: 21 Nov 2017 6:34

Tgt Ion:	188	Resp:	188778
Ion Ratio	Lower	Upper	
188	100		
94	9.6	8.5	12.7
80	10.1	9.2	13.8

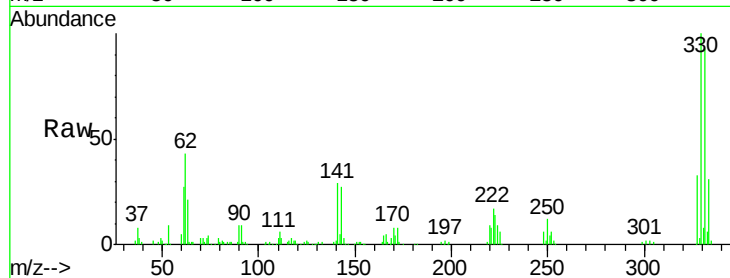




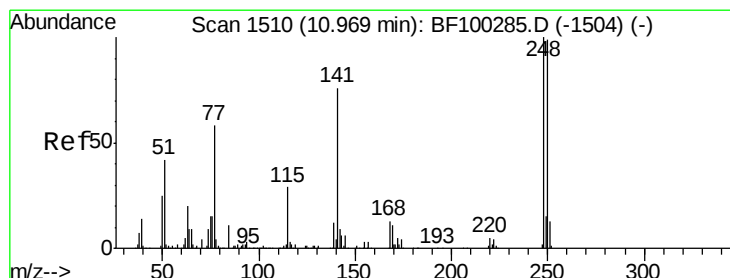
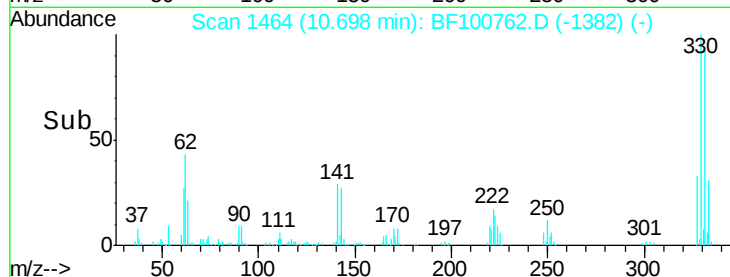
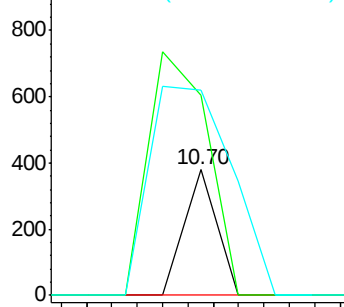
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.69 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. 0.18 min
 Lab File: BF100762.D
 Acq: 21 Nov 2017 6:34

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-111717

Tgt Ion:198 Resp: 134
 Ion Ratio Lower Upper
 198 100
 51 159.6 37.7 77.7#
 105 163.9 36.3 76.3#

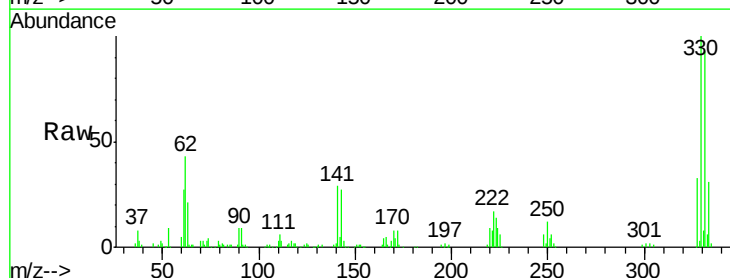


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

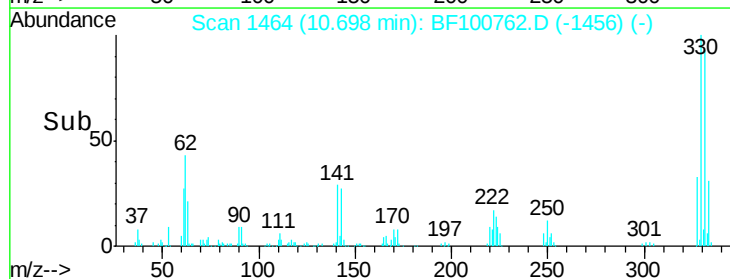
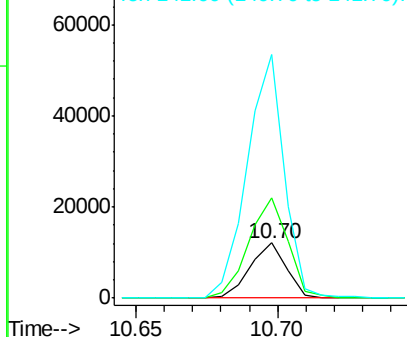


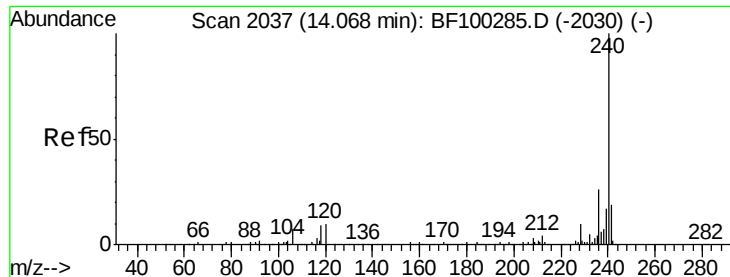
#66
 4-Bromophenyl-phenylether
 Concen: 5.36 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.25 min
 Lab File: BF100762.D
 Acq: 21 Nov 2017 6:34

Tgt Ion:248 Resp: 10857
 Ion Ratio Lower Upper
 248 100
 250 181.4 76.9 115.3#
 141 442.7 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: 20.00 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF100762.D

Acq: 21 Nov 2017 6:34

Instrument :

BNA_F

ClientSampleId :

NB-08-111717

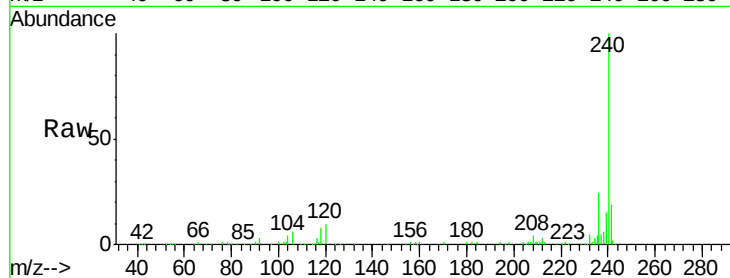
Tgt Ion:240 Resp: 171683

Ion Ratio Lower Upper

240 100

120 9.5 9.5 14.3

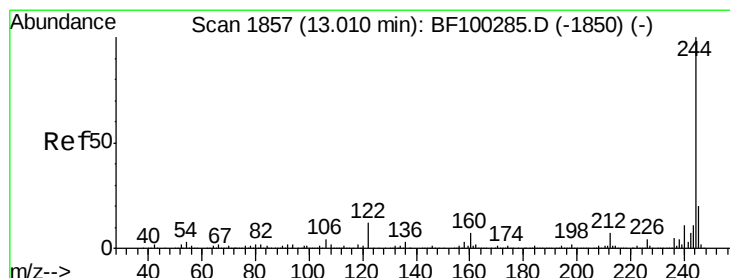
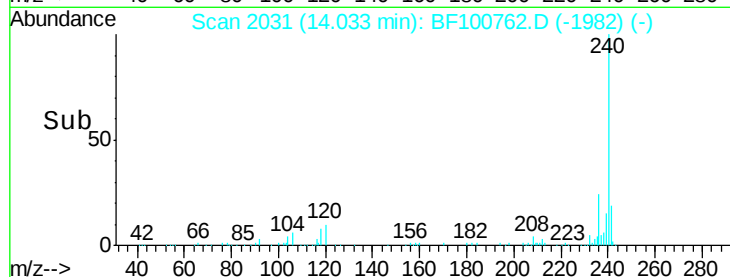
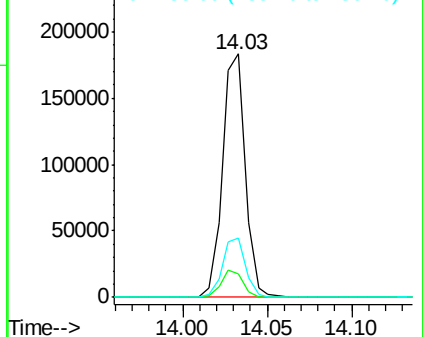
236 24.4 20.7 31.1



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: 93.07 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF100762.D

Acq: 21 Nov 2017 6:34

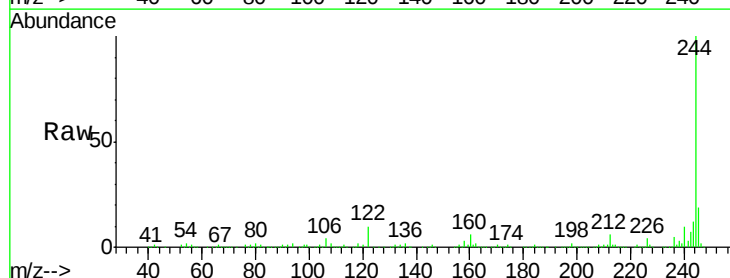
Tgt Ion:244 Resp: 695400

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

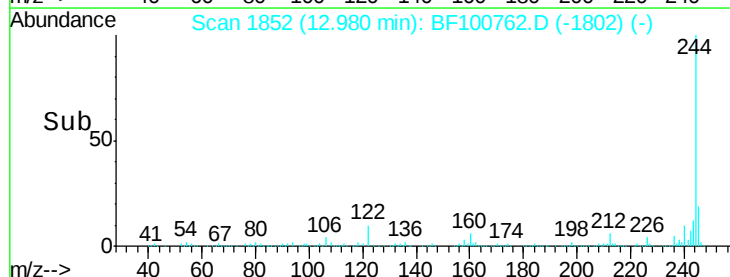
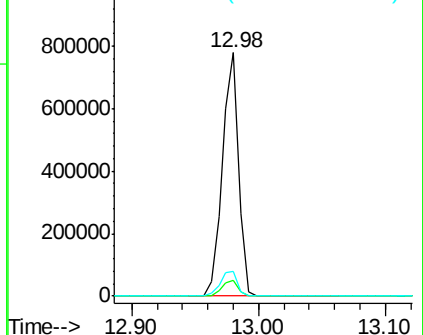
122 10.4 11.0 16.4#

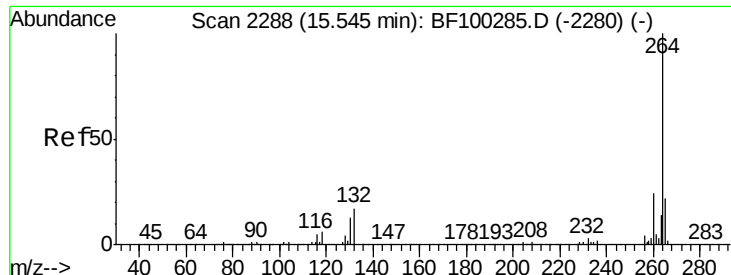


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

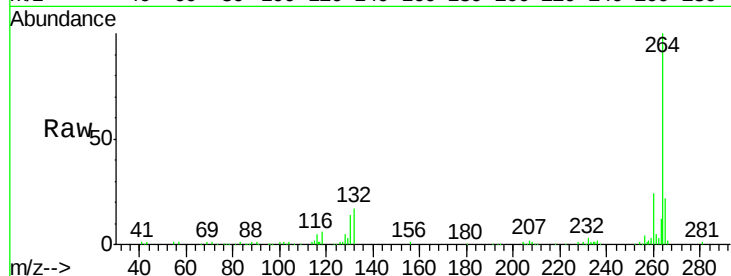




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF100762.D
Acq: 21 Nov 2017 6:34

Instrument :
BNA_F
ClientSampleId :
NB-08-111717

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.1	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

