

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112017\
 Data File : BF100726.D
 Acq On : 20 Nov 2017 13:23
 Operator : SJ/JU
 Sample : I6309-01 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 20 14:28:15 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

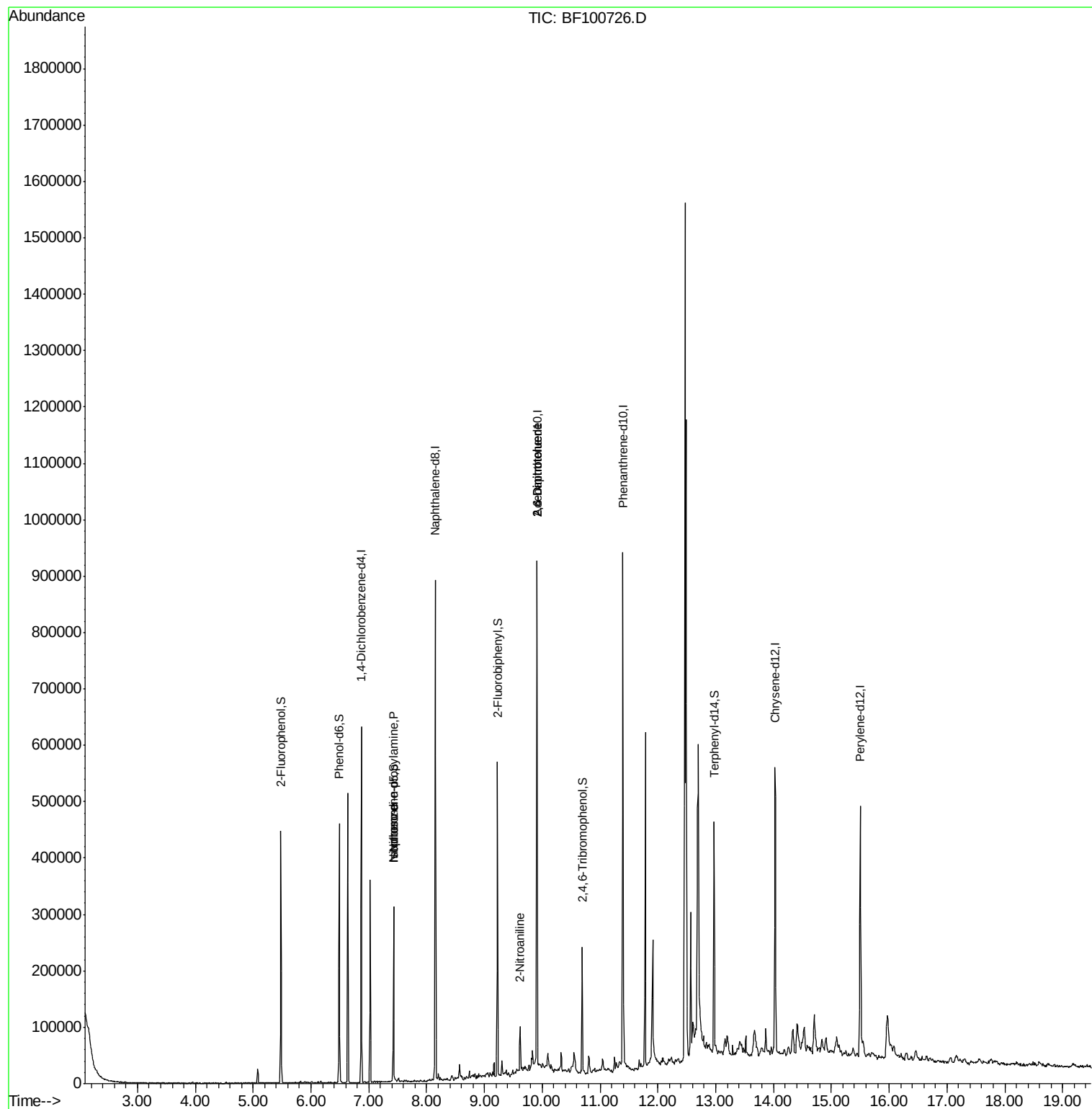
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	95560	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	376362	20.00	ng	-0.02
38) Acenaphthene-d10	9.91	164	172676	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	310955	20.00	ng	-0.01
75) Chrysene-d12	14.03	240	175768	20.00	ng	-0.02
86) Perylene-d12	15.50	264	205486	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	118852	19.94	ng	-0.01
7) Phenol-d6	6.49	99	143879	19.57	ng	-0.02
23) Nitrobenzene-d5	7.43	82	84912	14.92	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	25757	14.64	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	176043	15.52	ng	-0.02
78) Terphenyl-d14	12.97	244	125014	16.34	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	11063	2.170	ng	# 83
25) Isophorone	7.43	82	84911	7.098	ng	# 64
47) 2-Nitroaniline	9.61	65	220	2.849	ng	# 20
50) 2,6-Dinitrotoluene	9.91	165	22602	8.661	ng	# 26
56) 2,4-Dinitrotoluene	9.91	165	22602	6.865	ng	# 24

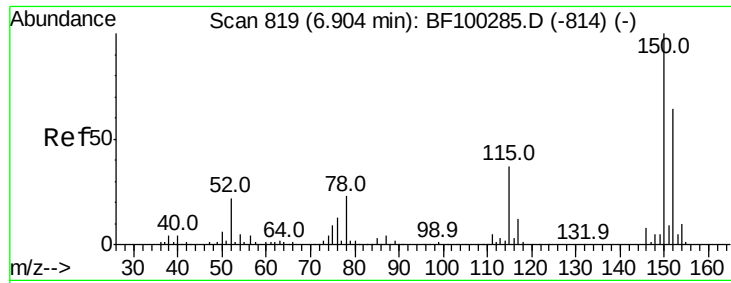
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112017\
Data File : BF100726.D
Acq On : 20 Nov 2017 13:23
Operator : SJ/JU
Sample : I6309-01 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 20 14:28:15 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



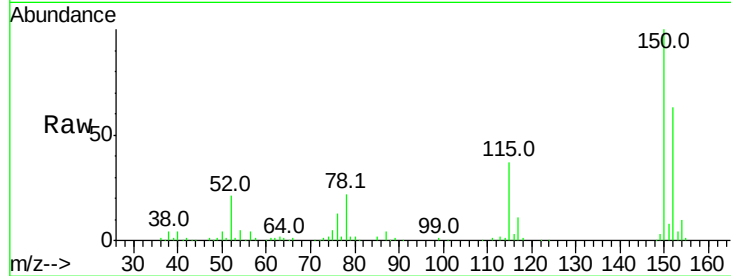


#1

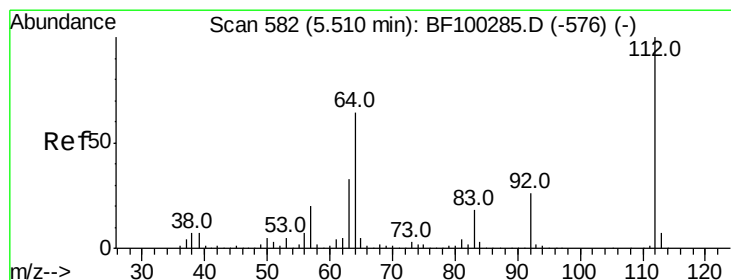
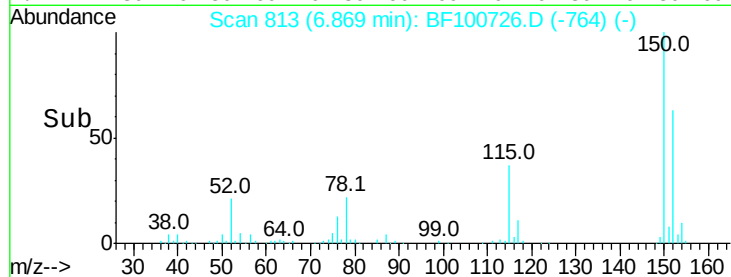
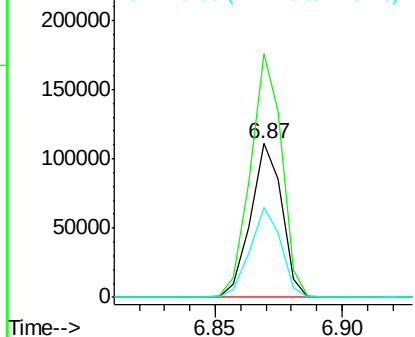
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF100726.D
Acq: 20 Nov 2017 13:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 95560
Ion Ratio Lower Upper
152 100
150 158.3 124.6 186.8
115 58.6 50.1 75.1



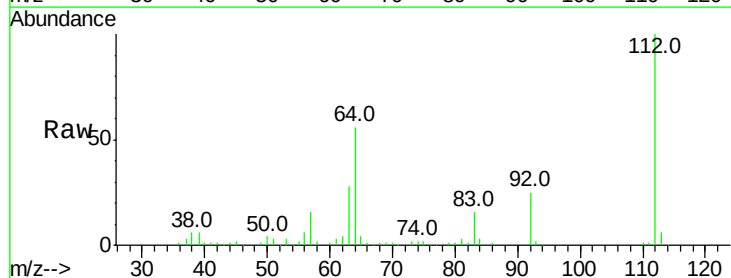
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



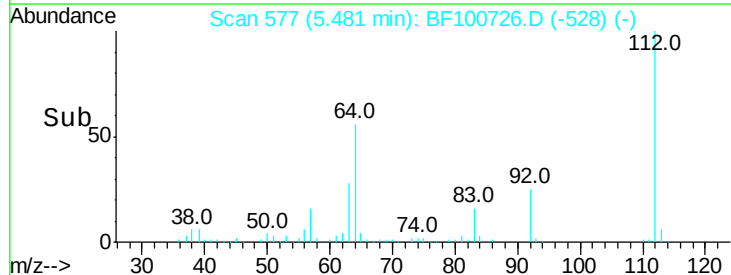
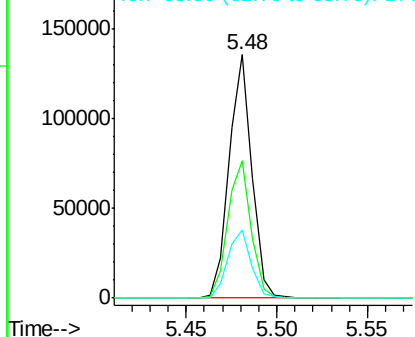
#5

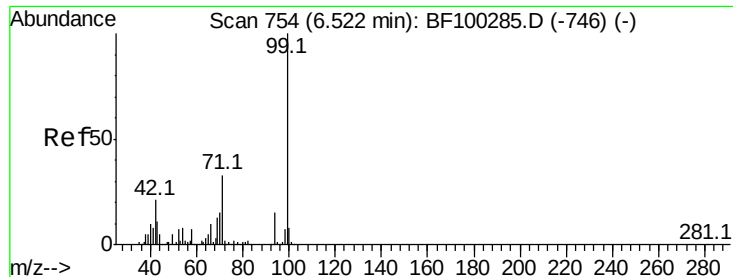
2-Fluorophenol
Concen: 19.937 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.01 min
Lab File: BF100726.D
Acq: 20 Nov 2017 13:23

Tgt Ion:112 Resp: 118852
Ion Ratio Lower Upper
112 100
64 56.2 47.9 71.9
63 28.1 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: 19.572 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF100726.D

Acq: 20 Nov 2017 13:23

Instrument :

BNA_F

ClientSampleId :

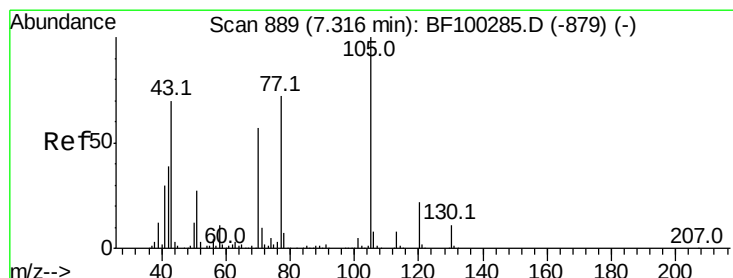
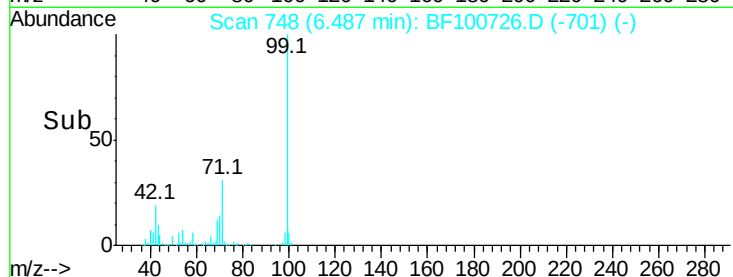
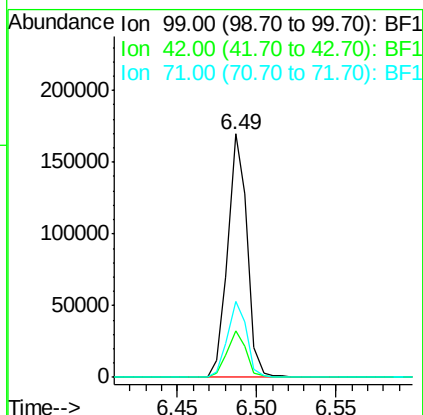
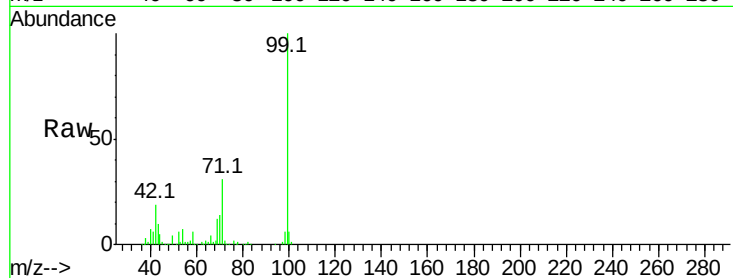
Tot Ion: 99 Resp: 143879

Ion Ratio Lower Upper

99 100

42 18.9 14.5 21.7

71 31.1 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 2.170 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.13 min

Lab File: BF100726.D

Acq: 20 Nov 2017 13:23

Tgt Ion: 70 Resp: 11063

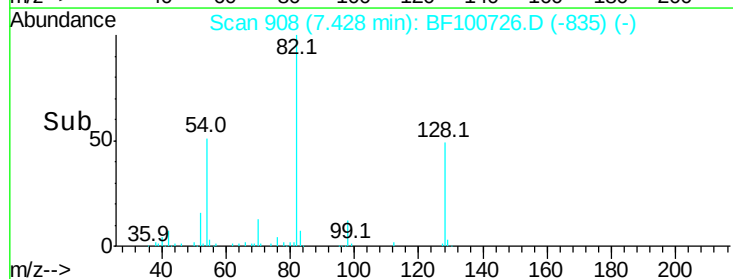
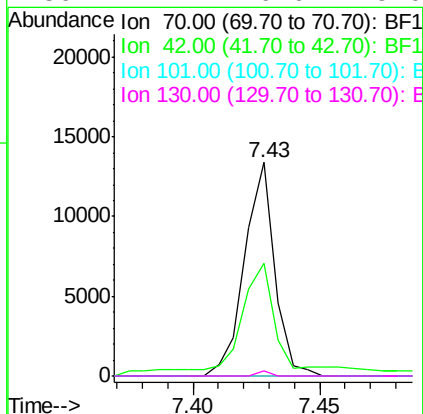
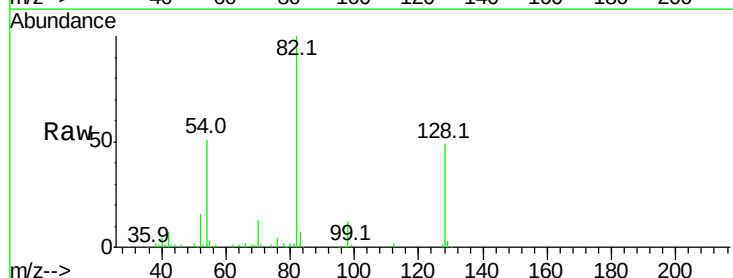
Ion Ratio Lower Upper

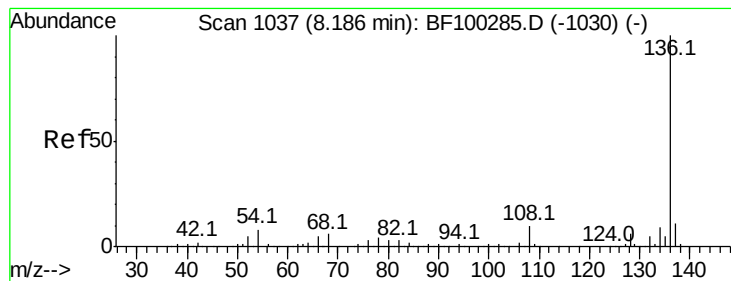
70 100

42 53.0 47.5 71.3

101 0.0 7.4 11.2#

130 2.4 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: BF100726.D

Acq: 20 Nov 2017 13:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 376362

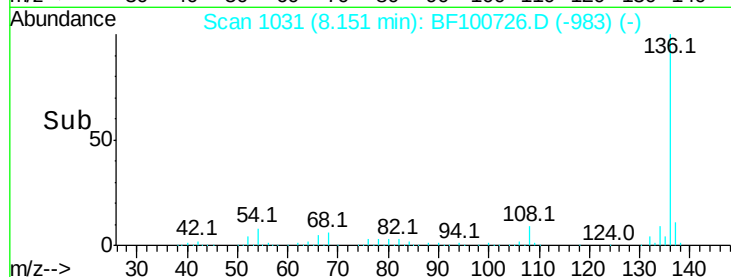
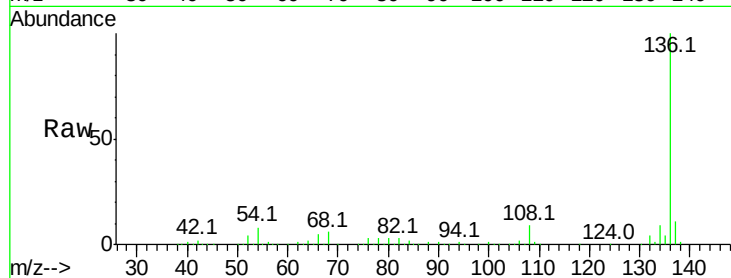
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.8 6.6 9.8

68 5.9 5.0 7.4

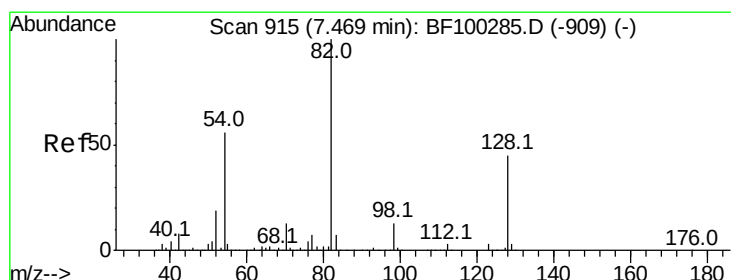
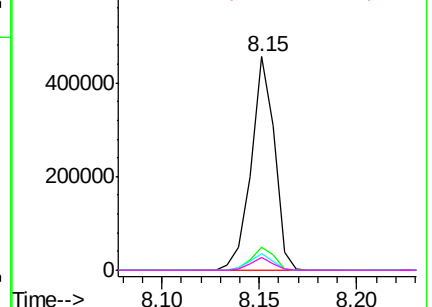


Abundance Ion 136.00 (135.70 to 136.70): E

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: 14.916 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.02 min

Lab File: BF100726.D

Acq: 20 Nov 2017 13:23

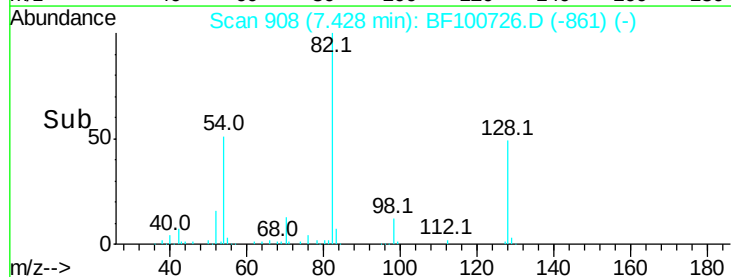
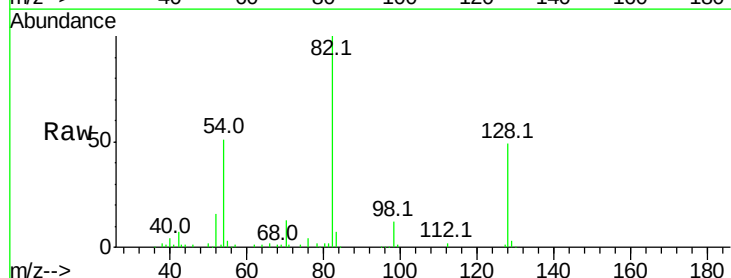
Tgt Ion: 82 Resp: 84912

Ion Ratio Lower Upper

82 100

128 48.6 36.1 54.1

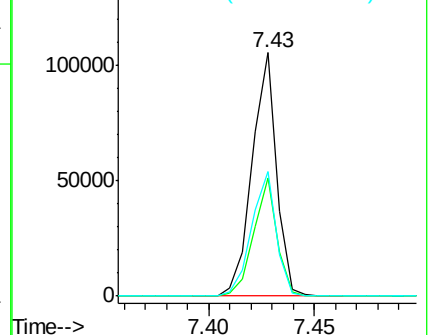
54 51.4 41.4 62.2

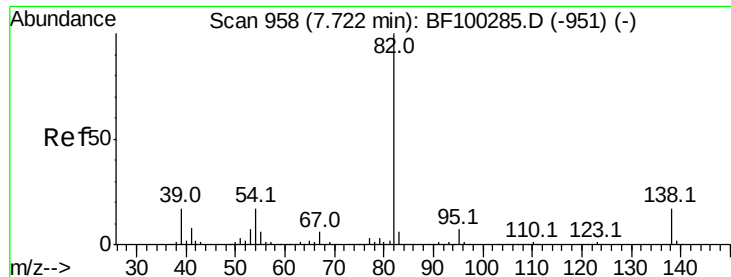


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 7.098 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.28 min

Lab File: BF100726.D

Acq: 20 Nov 2017 13:23

Instrument :

BNA_F

ClientSampled :

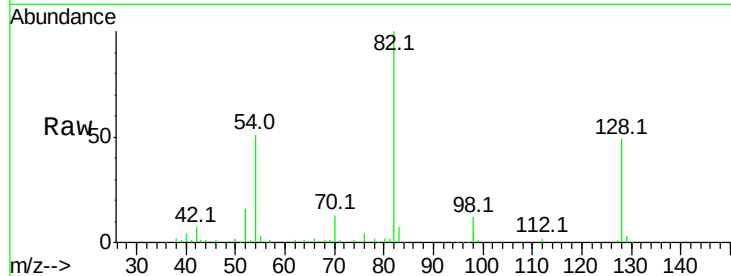
Tot Ion: 82 Resp: 84911

Ion Ratio Lower Upper

82 100

95 0.3 5.2 7.8#

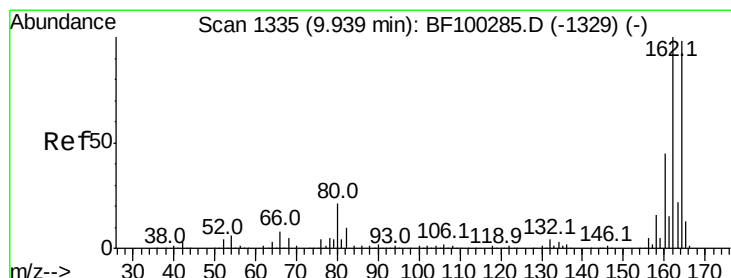
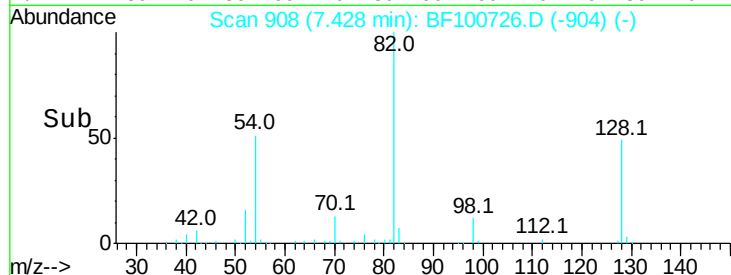
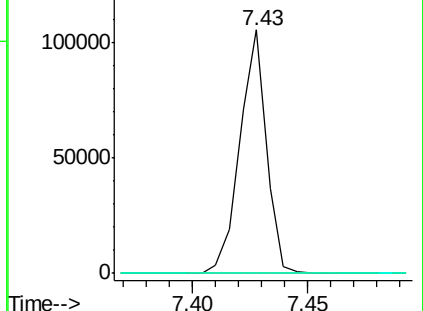
138 0.0 14.9 22.3#



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: BF100726.D

Acq: 20 Nov 2017 13:23

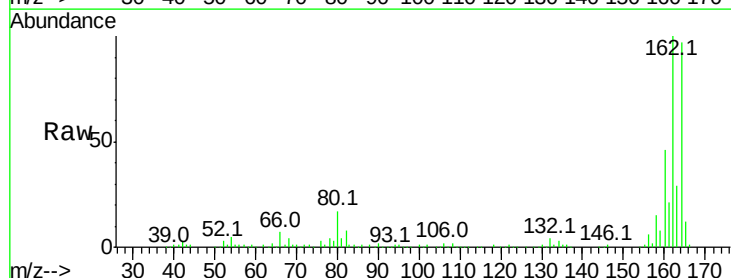
Tgt Ion:164 Resp: 172676

Ion Ratio Lower Upper

164 100

162 103.1 86.1 129.1

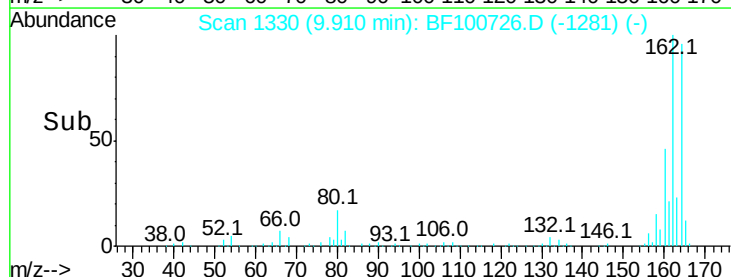
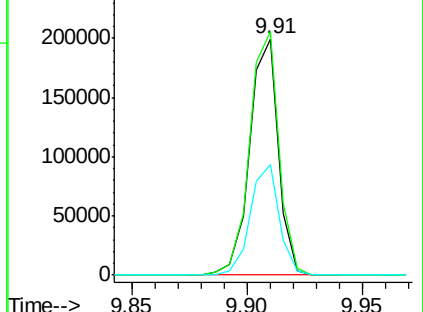
160 47.0 38.3 57.5

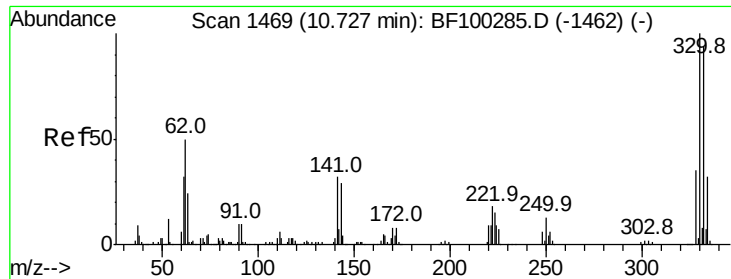


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 14.638 ng

RT: 10.69 min Scan# 1463

Delta R.T. -0.02 min

Lab File: BF100726.D

Acq: 20 Nov 2017 13:23

Instrument :

BNA_F

ClientSampleId :

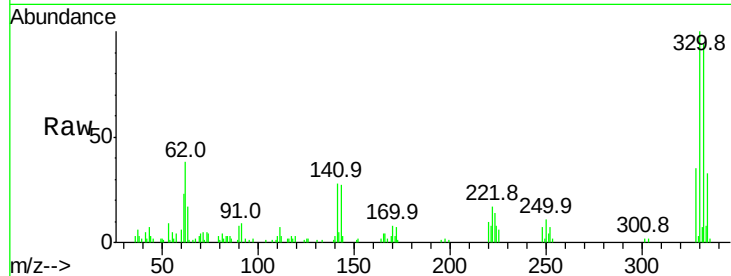
Tot Ion:330 Resp: 25757

Ion Ratio Lower Upper

330 100

332 93.4 77.0 115.6

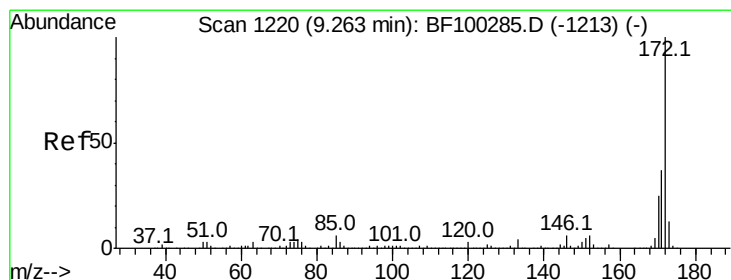
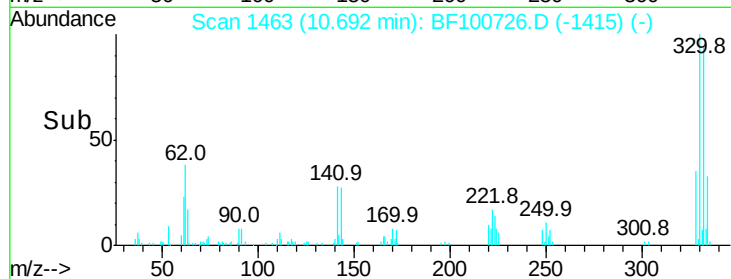
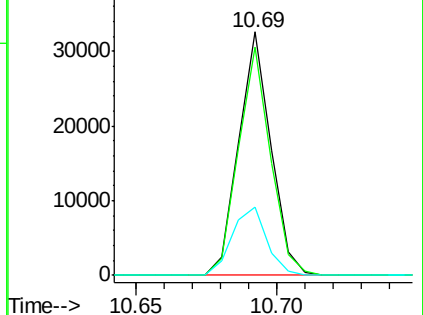
141 30.0 29.9 44.9



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: 15.524 ng

RT: 9.22 min Scan# 1213

Delta R.T. -0.02 min

Lab File: BF100726.D

Acq: 20 Nov 2017 13:23

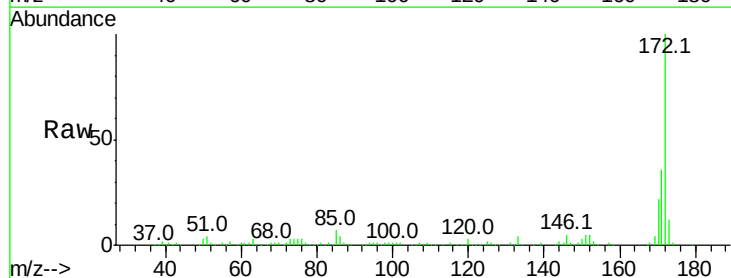
Tgt Ion:172 Resp: 176043

Ion Ratio Lower Upper

172 100

171 36.0 29.7 44.5

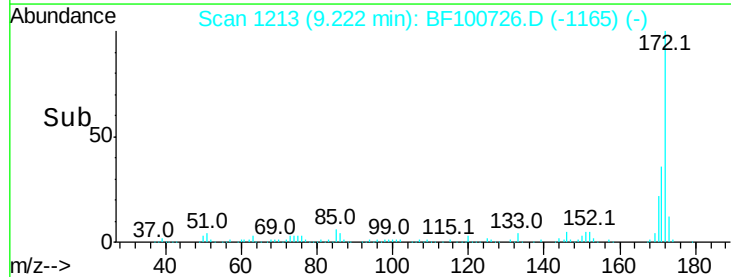
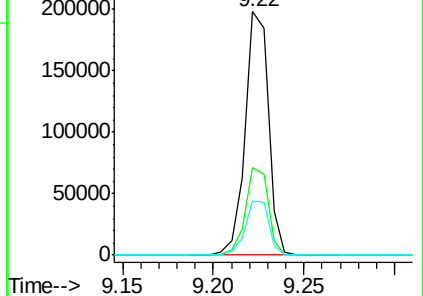
170 22.5 19.6 29.4

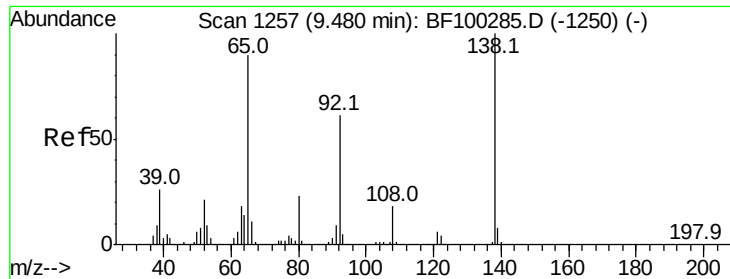


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

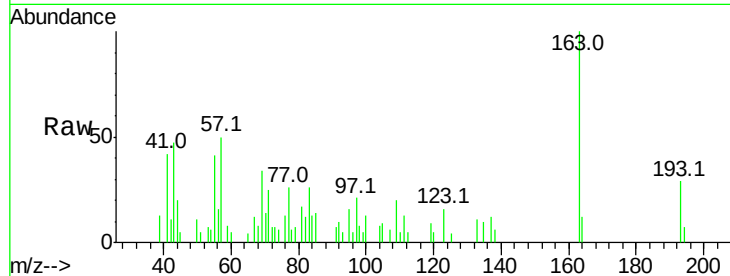




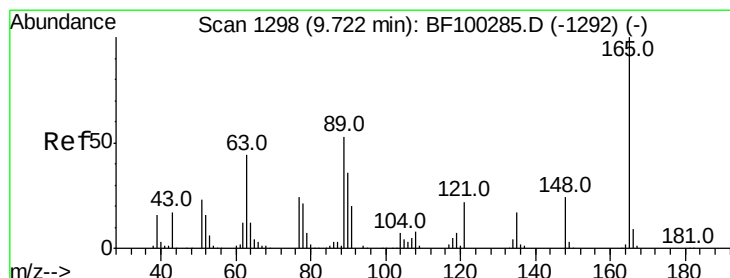
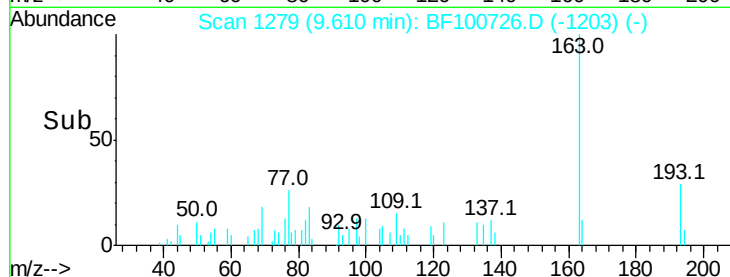
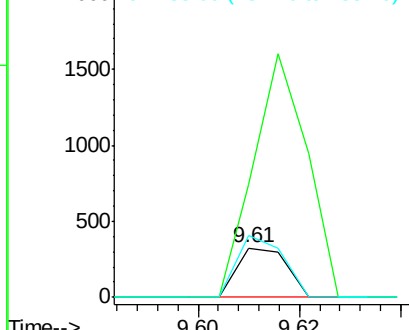
#47
2-Nitroaniline
Concen: 2.849 ng
RT: 9.61 min Scan# 1279
Delta R.T. 0.15 min
Lab File: BF100726.D
Acq: 20 Nov 2017 13:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 220
Ion Ratio Lower Upper
65 100
92 228.7 55.8 83.6#
138 125.0 91.2 136.8

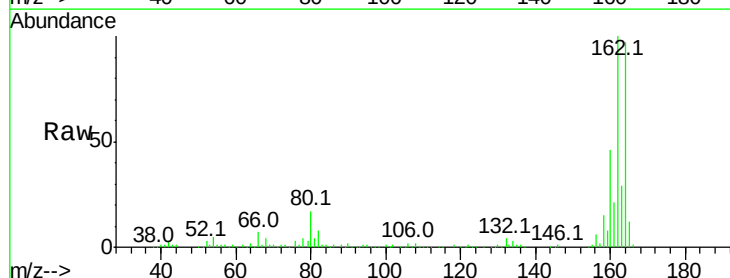


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

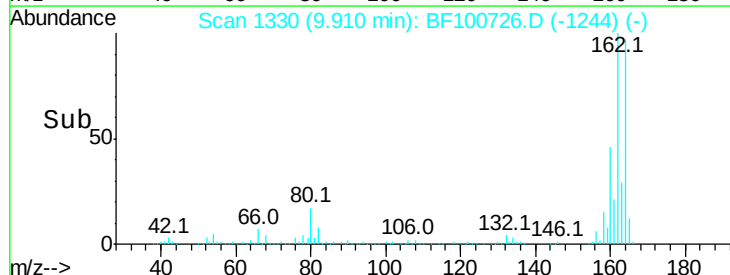
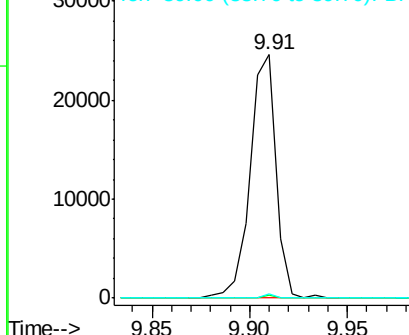


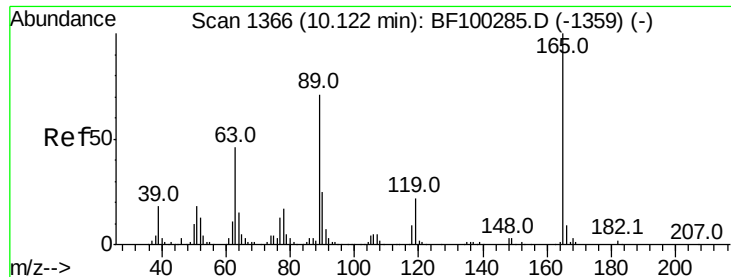
#50
2,6-Dinitrotoluene
Concen: 8.661 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.21 min
Lab File: BF100726.D
Acq: 20 Nov 2017 13:23

Tgt Ion:165 Resp: 22602
Ion Ratio Lower Upper
165 100
63 1.3 44.7 67.1#
89 1.9 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

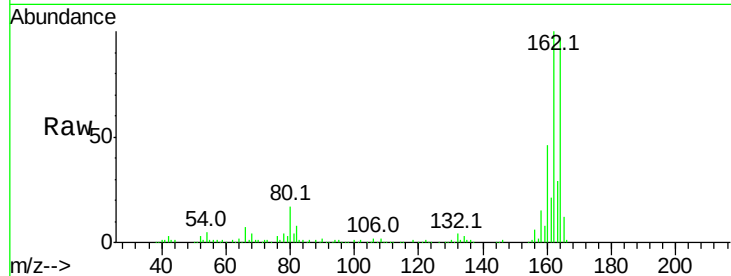




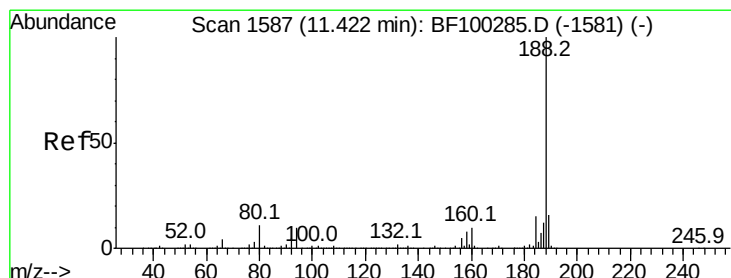
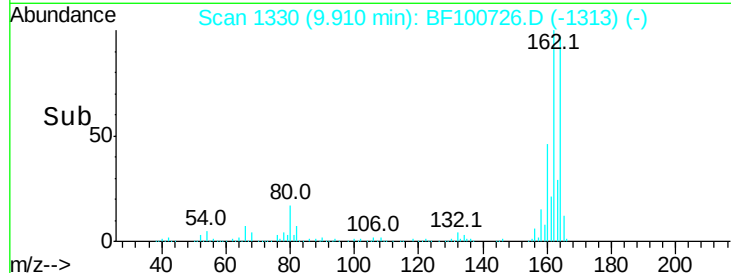
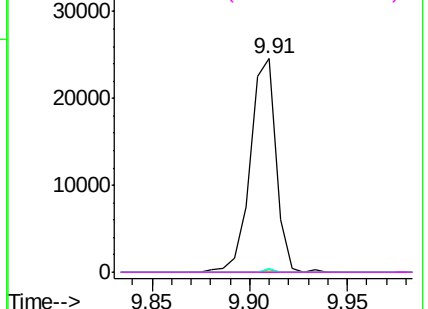
#56
2,4-Dinitrotoluene
Concen: 6.865 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.20 min
Lab File: BF100726.D
Acq: 20 Nov 2017 13:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 22602
Ion Ratio Lower Upper
165 100
63 1.3 36.4 54.6#
89 1.9 57.8 86.6#
182 0.0 1.6 2.4#

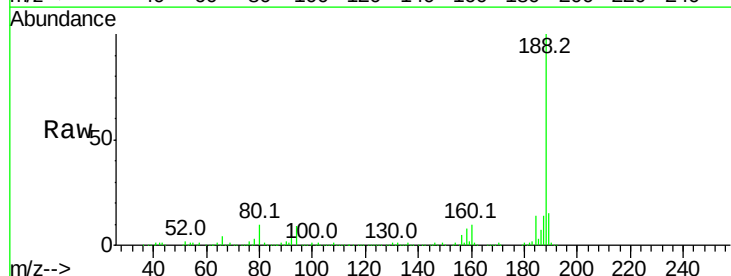


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

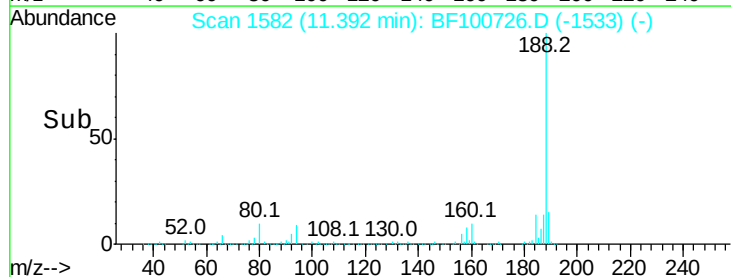
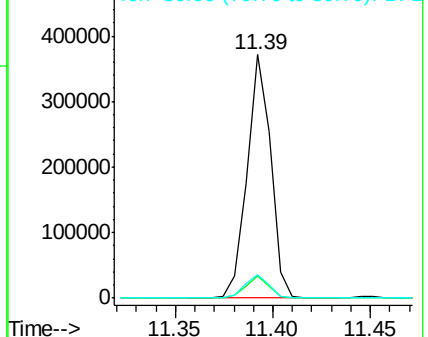


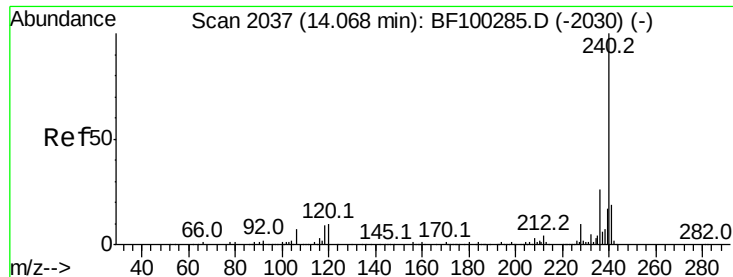
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF100726.D
Acq: 20 Nov 2017 13:23

Tgt Ion:188 Resp: 310955
Ion Ratio Lower Upper
188 100
94 9.2 8.5 12.7
80 9.8 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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.02 min

Lab File: BF100726.D

Acq: 20 Nov 2017 13:23

Instrument :

BNA_F

ClientSampleId :

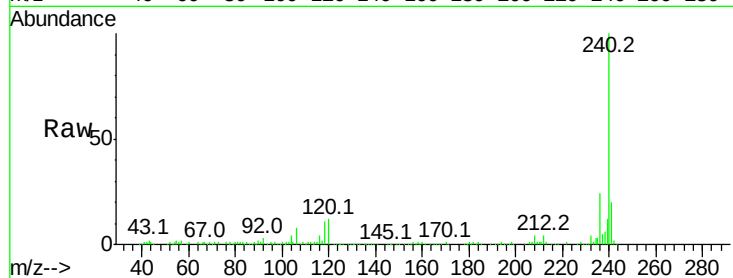
Tot Ion:240 Resp: 175768

Ion Ratio Lower Upper

240 100

120 12.4 9.5 14.3

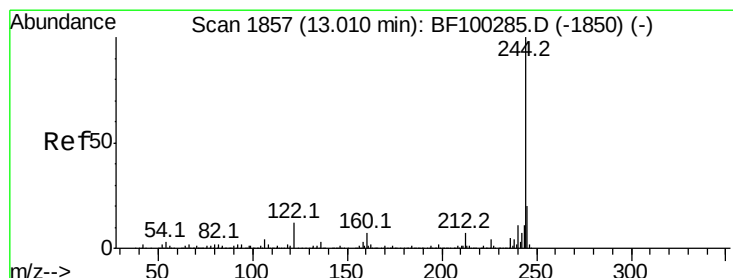
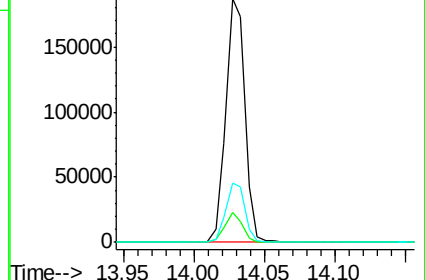
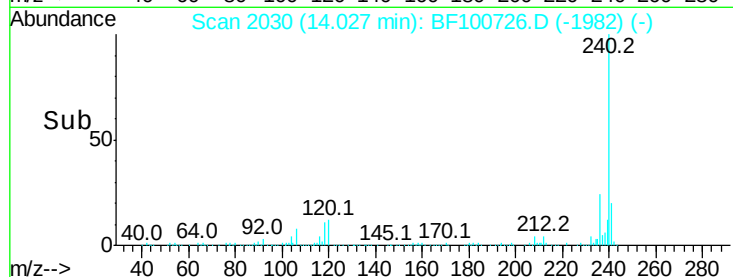
236 24.3 20.7 31.1



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: 16.342 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BF100726.D

Acq: 20 Nov 2017 13:23

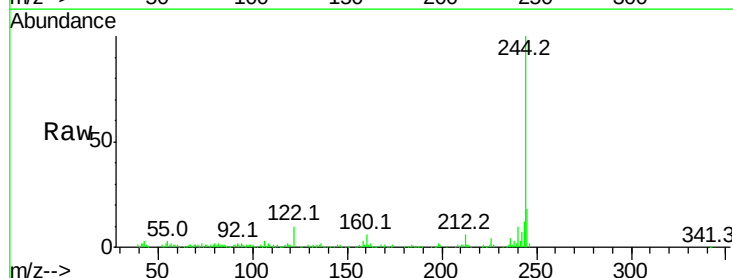
Tgt Ion:244 Resp: 125014

Ion Ratio Lower Upper

244 100

212 6.2 5.4 8.0

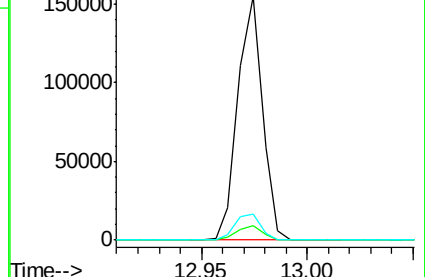
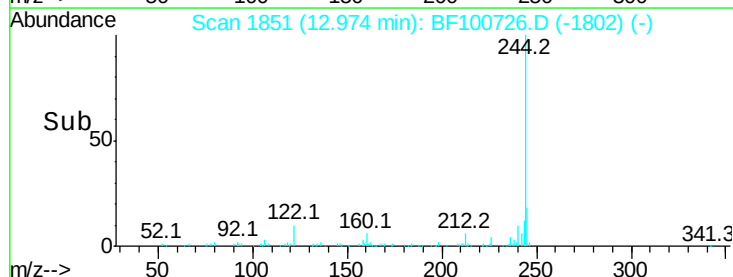
122 10.5 11.0 16.4#

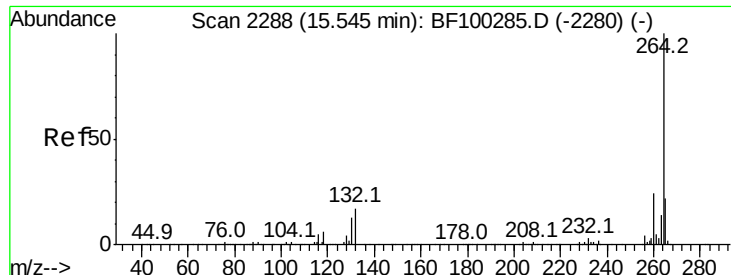


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF100726.D
Acq: 20 Nov 2017 13:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 205486

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	20.8	17.5	26.3

