

Data File : BF100476.D
Acq On : 12 Nov 2017 8:22
Operator : SJ/JU
Sample : I6402-03
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
110717-TIDO-F-U-B

Quant Time: Nov 13 04:49:01 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:44:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	146048	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	532235	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	221108	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	341231	20.00	ng	0.00
75) Chrysene-d12	14.06	240	293184	20.00	ng	0.00
86) Perylene-d12	15.54	264	208802	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	416166	45.68	ng	0.00
7) Phenol-d6	6.52	99	321470	28.61	ng	-0.01
23) Nitrobenzene-d5	7.46	82	885870	110.04	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	188794	83.79	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1471259	101.32	ng	0.00
78) Terphenyl-d14	13.01	244	1048363	82.16	ng	0.00

Target Compounds						Qvalue
10) Phenol	6.53	94	30572	2.59	ng	99
19) n-Nitroso-di-n-propylamine	7.46	70	117919	15.13	ng	# 83
25) Isophorone	7.46	82	884136	52.26	ng	# 64
47) 2-Nitroaniline	9.65	65	198	2.83	ng	# 1
49) Dimethylphthalate	9.65	163	38675	2.29	ng	99
50) 2,6-Dinitrotoluene	9.94	165	27967	8.37	ng	# 25
56) 2,4-Dinitrotoluene	9.94	165	27967	6.63	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.72	198	306	8.72	ng	# 1
66) 4-Bromophenyl-phenylether	10.73	248	11976	3.27	ng	# 1

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

Data File : BF100476.D

Acq On : 12 Nov 2017 8:22

Operator : SJ/JU

Sample : I6402-03

Misc :

ALS Vial : 47 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

110717-TIDO-F-U-B

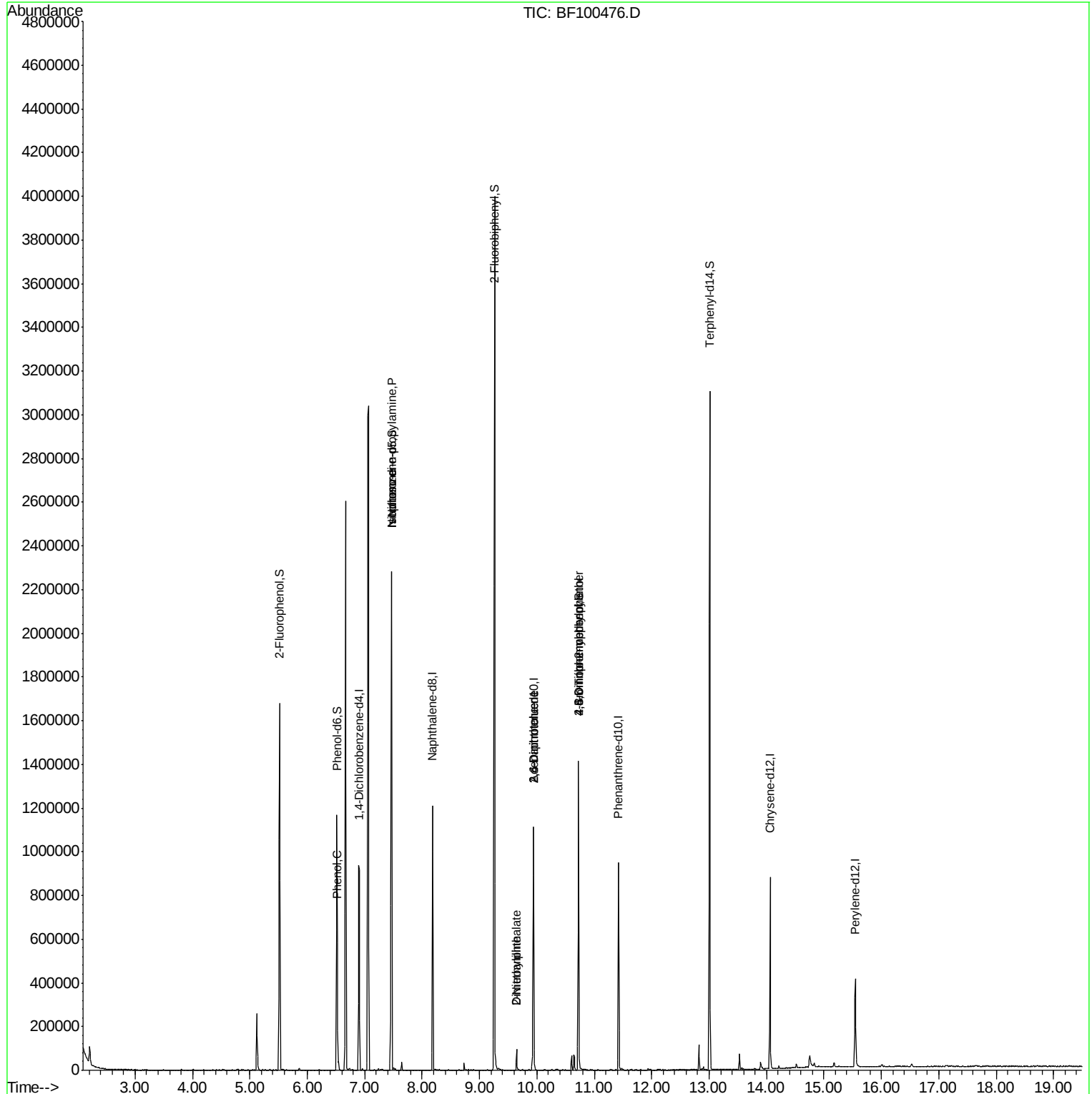
Quant Time: Nov 13 04:49:01 2017

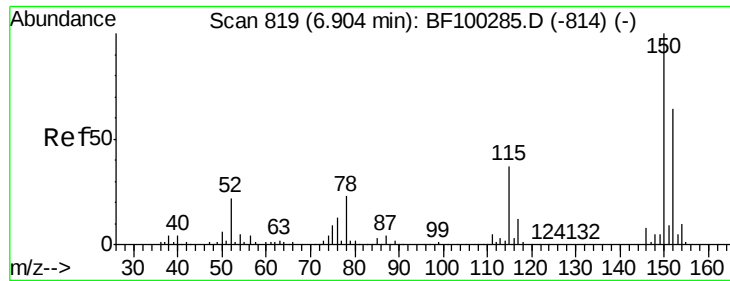
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Nov 10 15:44:40 2017

Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF100476.D

Acq: 12 Nov 2017 8:22

Instrument :

BNA_F

ClientSampleId :

110717-TIDO-F-U-B

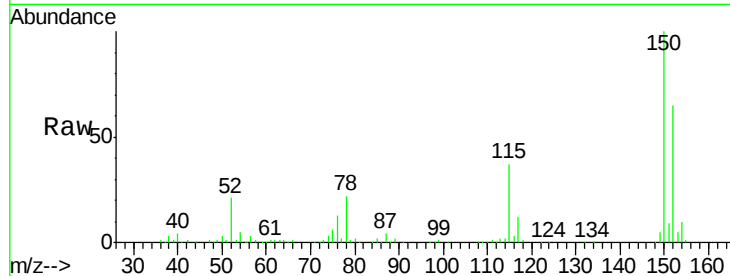
Tgt Ion:152 Resp: 146048

Ion Ratio Lower Upper

152 100

150 152.9 124.6 186.8

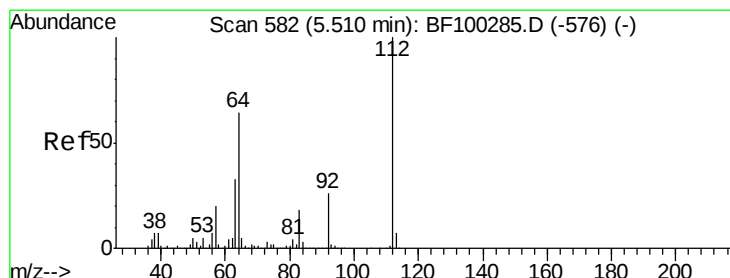
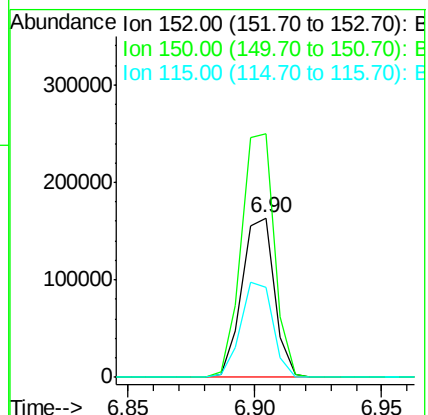
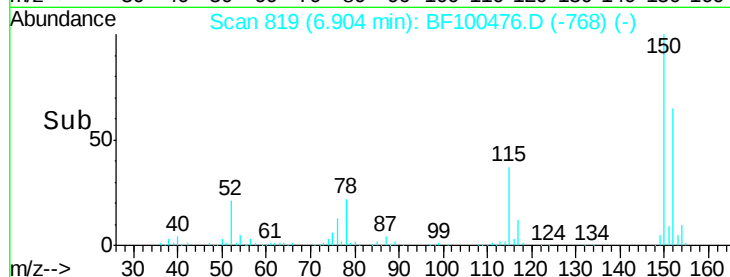
115 56.4 50.1 75.1



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: 45.68 ng

RT: 5.52 min Scan# 583

Delta R.T. -0.00 min

Lab File: BF100476.D

Acq: 12 Nov 2017 8:22

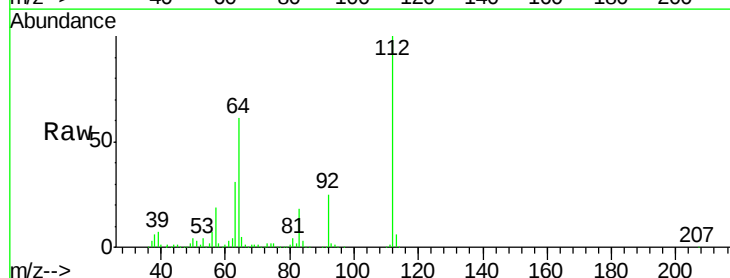
Tgt Ion:112 Resp: 416166

Ion Ratio Lower Upper

112 100

64 61.1 47.9 71.9

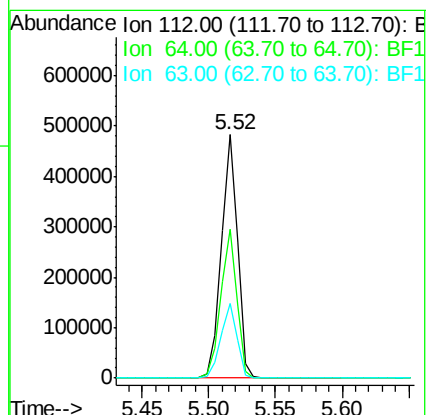
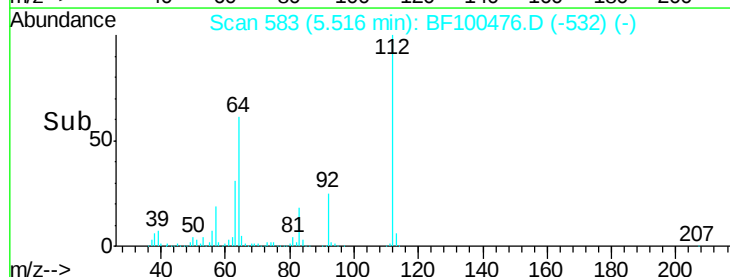
63 30.6 23.7 35.5

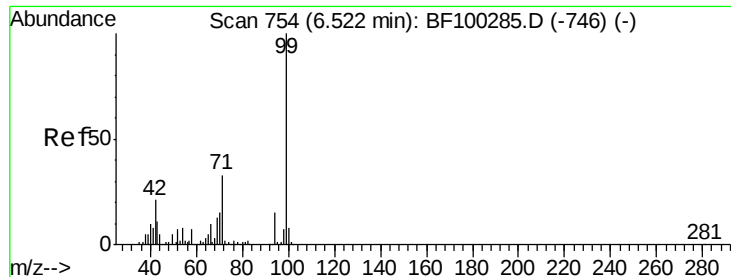


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 28.61 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100476.D

Acq: 12 Nov 2017 8:22

Instrument :

BNA_F

ClientSampleId :

110717-TIDO-F-U-B

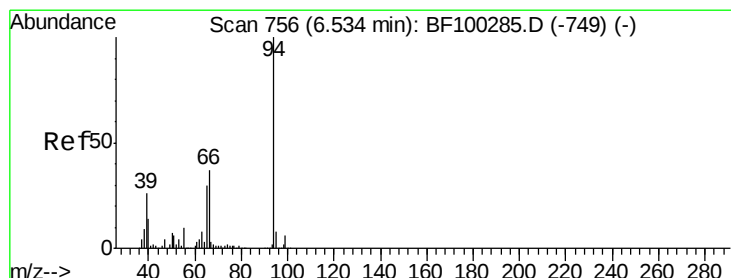
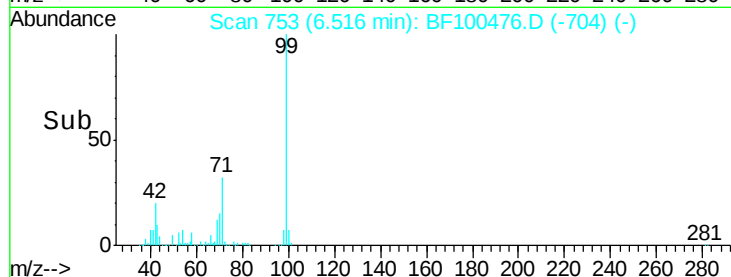
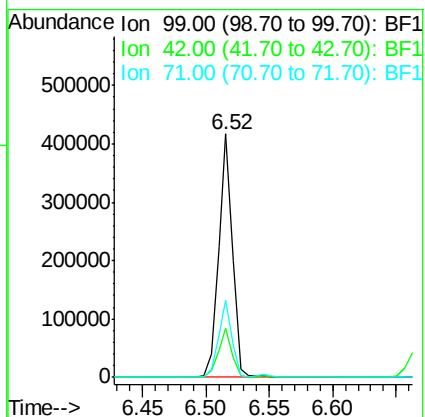
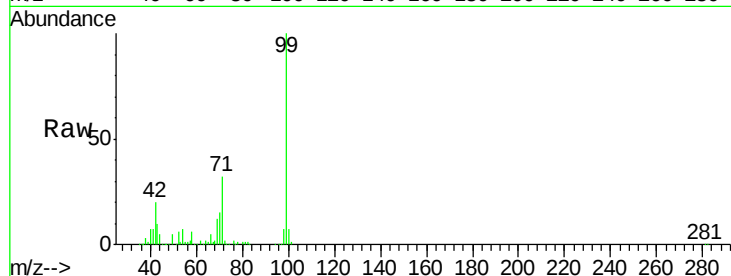
Tgt Ion: 99 Resp: 321470

Ion Ratio Lower Upper

99 100

42 20.0 14.5 21.7

71 31.7 25.4 38.0



#10

Phenol

Concen: 2.59 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF100476.D

Acq: 12 Nov 2017 8:22

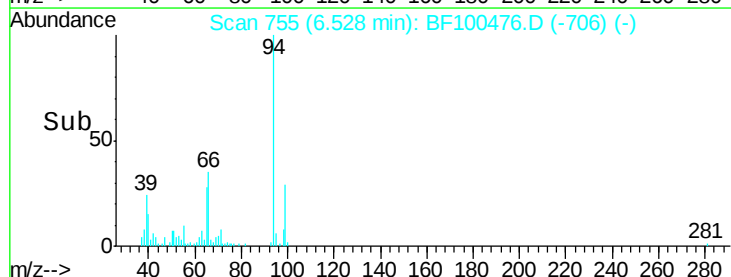
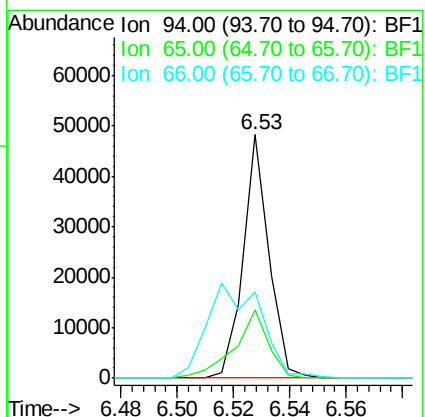
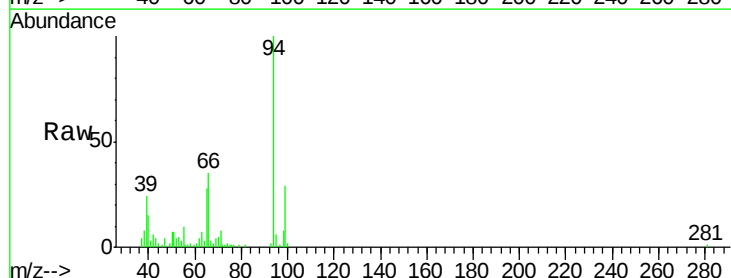
Tgt Ion: 94 Resp: 30572

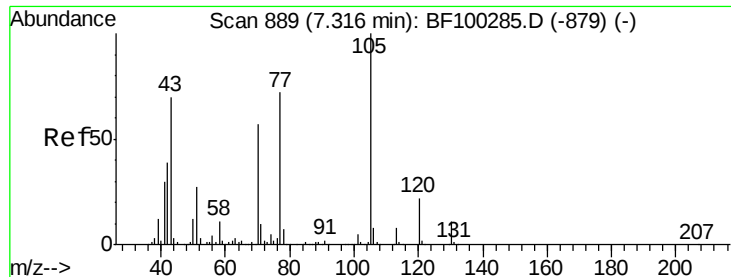
Ion Ratio Lower Upper

94 100

65 27.9 7.9 47.9

66 35.1 16.2 56.2

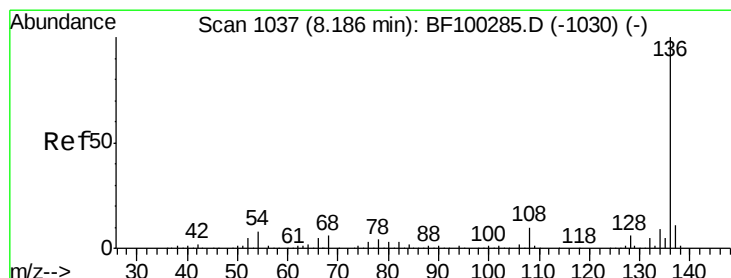
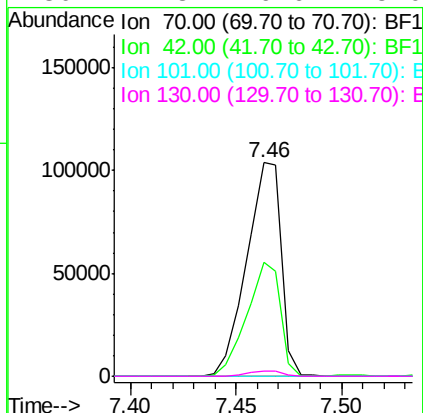
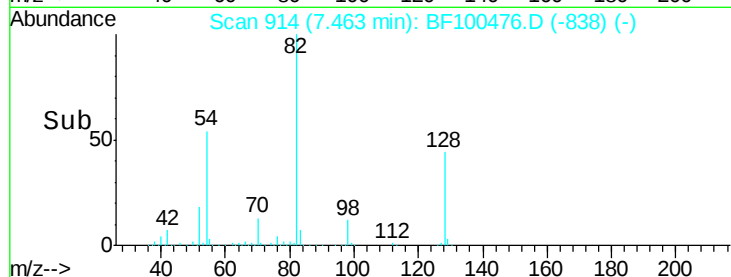
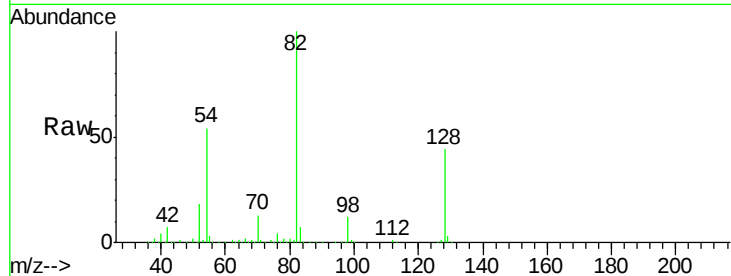




#19
n-Nitroso-di-n-propylamine
Concen: 15.13 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.15 min
Lab File: BF100476.D
Acq: 12 Nov 2017 8:22

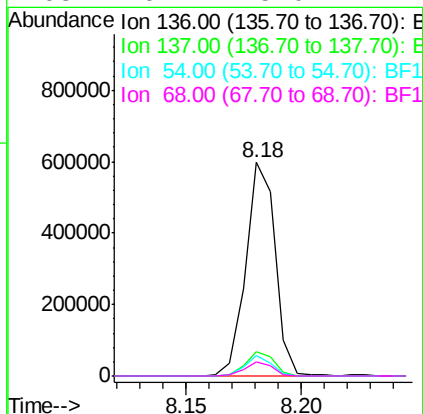
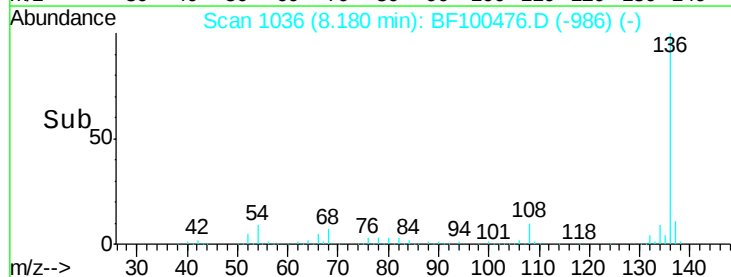
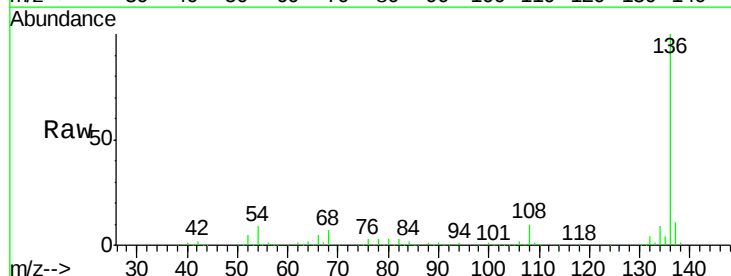
Instrument :
BNA_F
ClientSampleId :
110717-TIDO-F-U-B

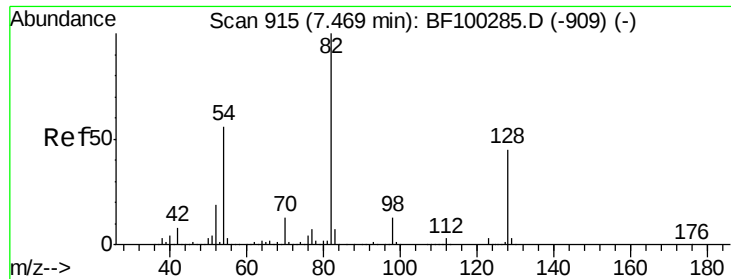
Tgt Ion: 70 Resp: 117919
Ion Ratio Lower Upper
70 100
42 53.3 47.5 71.3
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100476.D
Acq: 12 Nov 2017 8:22

Tgt Ion: 136 Resp: 532235
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 9.5 6.6 9.8
68 6.7 5.0 7.4

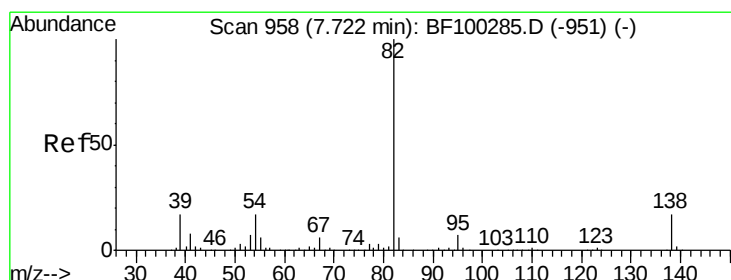
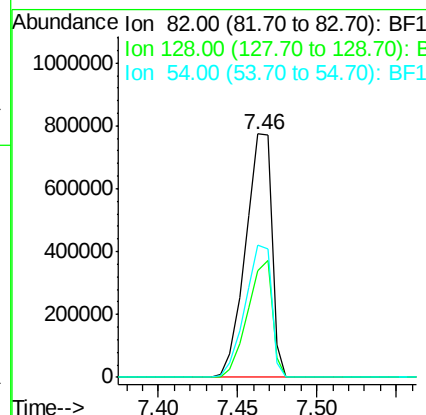
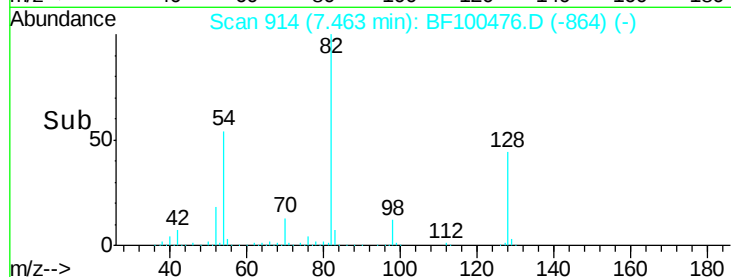
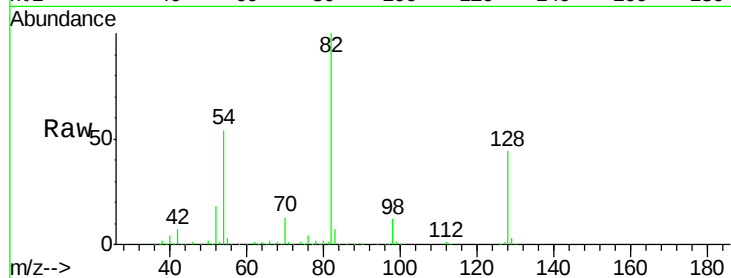




#23
 Nitrobenzene-d5
 Concen: 110.04 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BF100476.D
 Acq: 12 Nov 2017 8:22

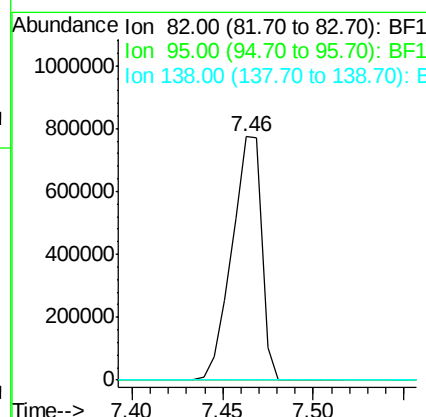
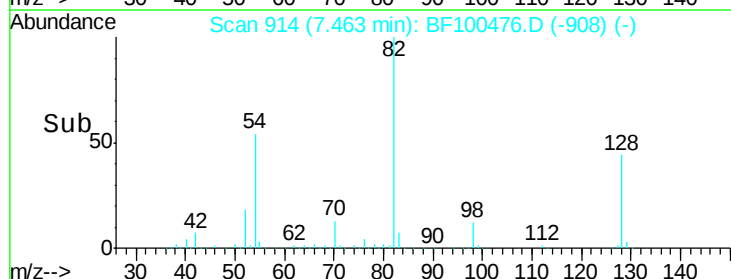
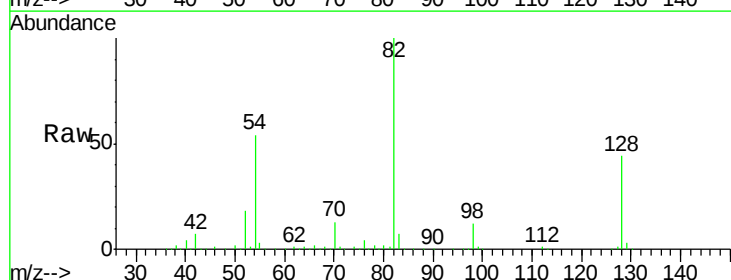
Instrument :
 BNA_F
 ClientSampleId :
 110717-TIDO-F-U-B

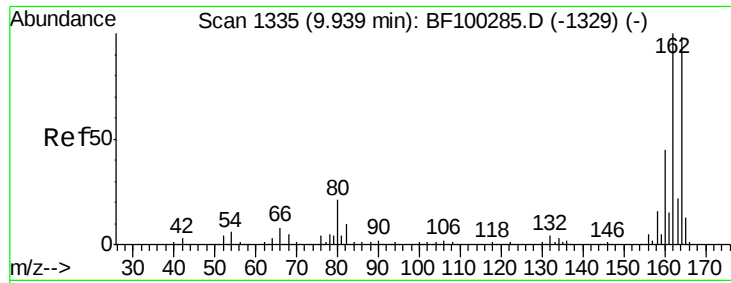
Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.1	36.1	54.1
54	54.5	41.4	62.2



#25
 Isophorone
 Concen: 52.26 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.26 min
 Lab File: BF100476.D
 Acq: 12 Nov 2017 8:22

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

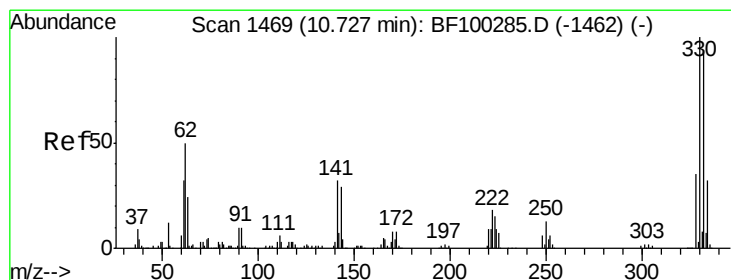
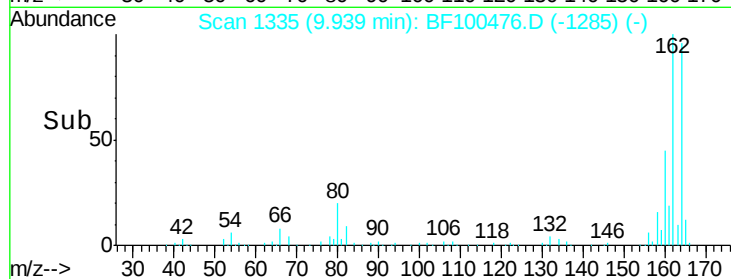
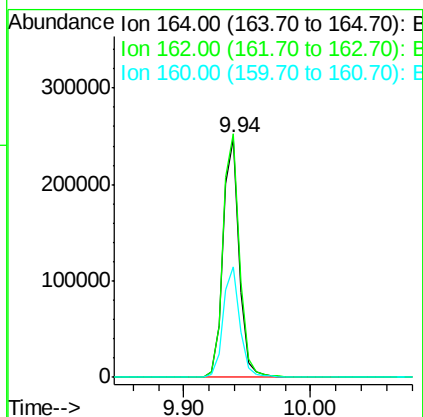
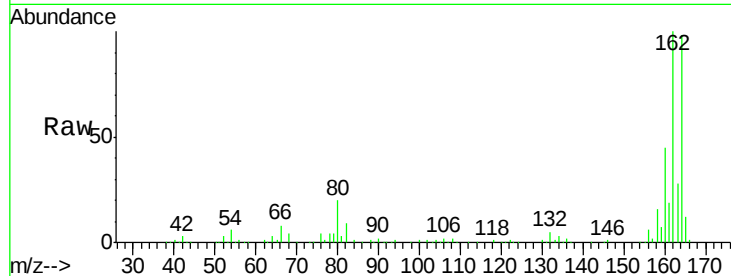




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.01 min
 Lab File: BF100476.D
 Acq: 12 Nov 2017 8:22

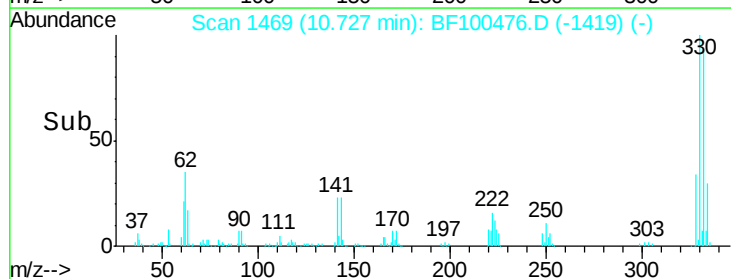
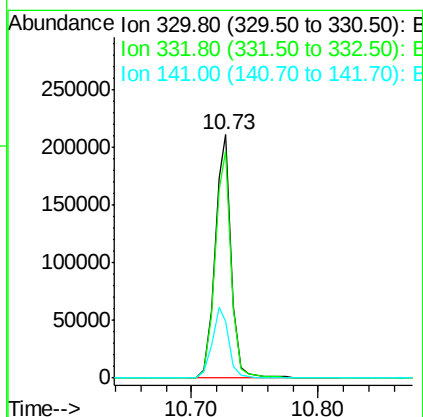
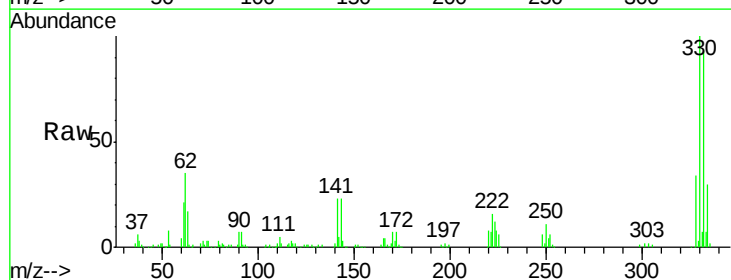
Instrument :
 BNA_F
 ClientSampleId :
 110717-TIDO-F-U-B

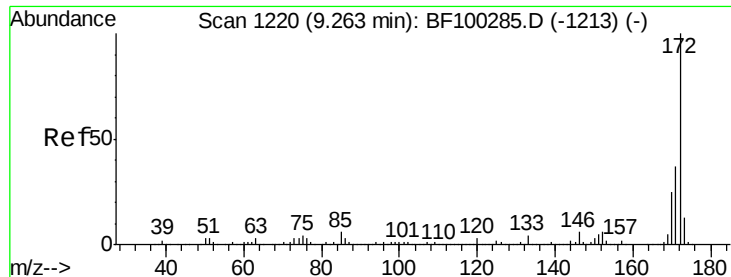
Tgt Ion:164 Resp: 221108
 Ion Ratio Lower Upper
 164 100
 162 101.9 86.1 129.1
 160 46.0 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 83.79 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: BF100476.D
 Acq: 12 Nov 2017 8:22

Tgt Ion:330 Resp: 188794
 Ion Ratio Lower Upper
 330 100
 332 94.3 77.0 115.6
 141 30.1 29.9 44.9

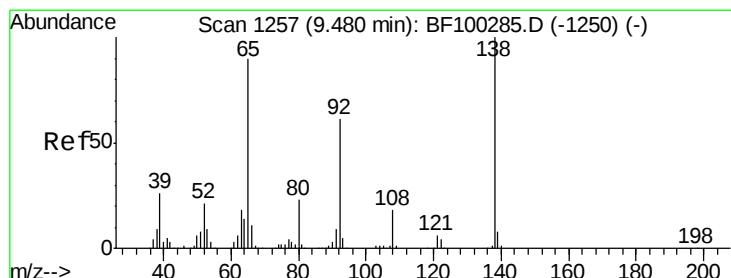
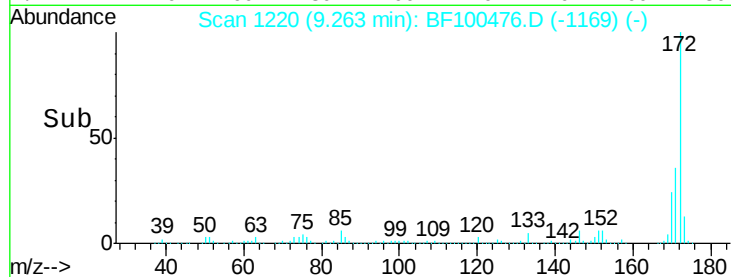
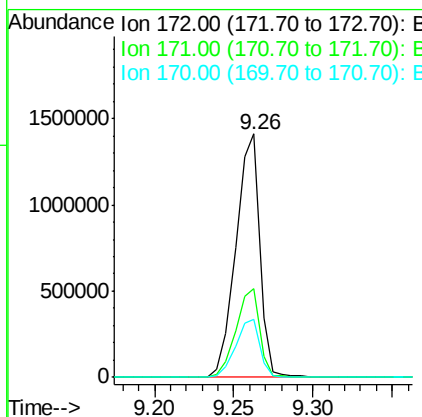
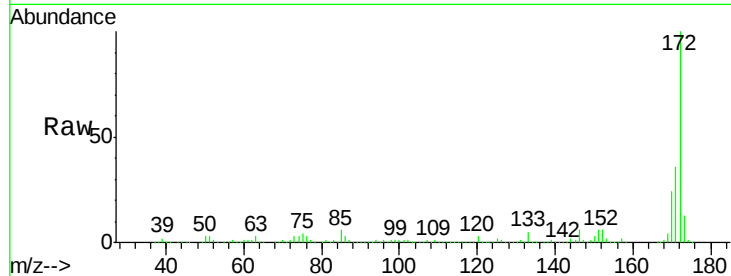




#44
 2-Fluorobiphenyl
 Concen: 101.32 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.00 min
 Lab File: BF100476.D
 Acq: 12 Nov 2017 8:22

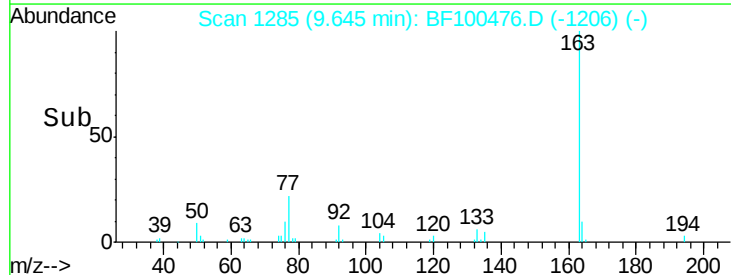
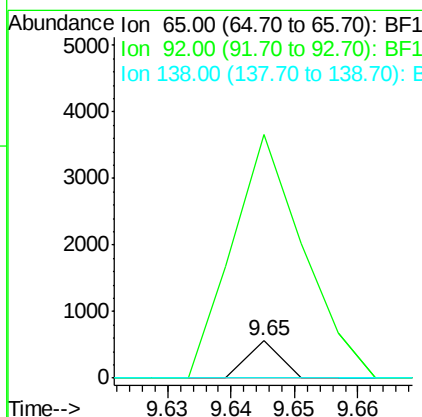
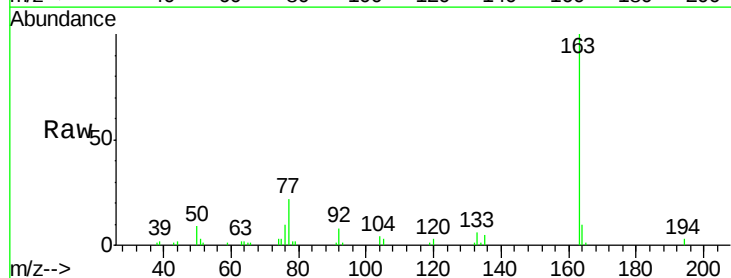
Instrument :
 BNA_F
 ClientSampleId :
 110717-TIDO-F-U-B

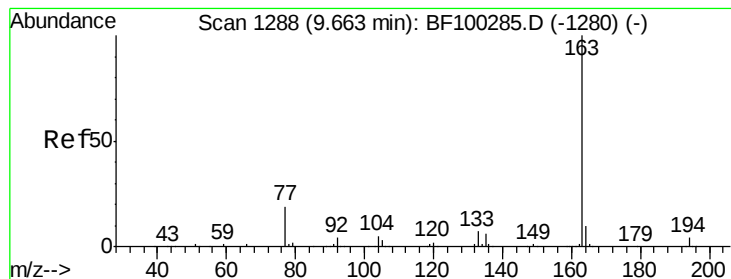
Tgt Ion: 172 Resp: 1471259
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 24.1 19.6 29.4



#47
 2-Nitroaniline
 Concen: 2.83 ng
 RT: 9.65 min Scan# 1285
 Delta R.T. 0.16 min
 Lab File: BF100476.D
 Acq: 12 Nov 2017 8:22

Tgt Ion: 65 Resp: 198
 Ion Ratio Lower Upper
 65 100
 92 651.1 55.8 83.6#
 138 0.0 91.2 136.8#





#49

Dimethylphthalate

Concen: 2.29 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BF100476.D

Acq: 12 Nov 2017 8:22

Instrument :

BNA_F

ClientSampleId :

110717-TIDO-F-U-B

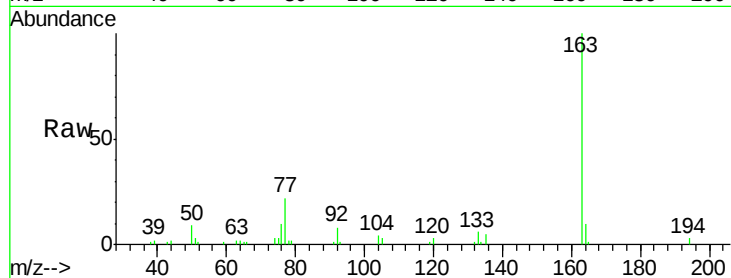
Tgt Ion:163 Resp: 38675

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

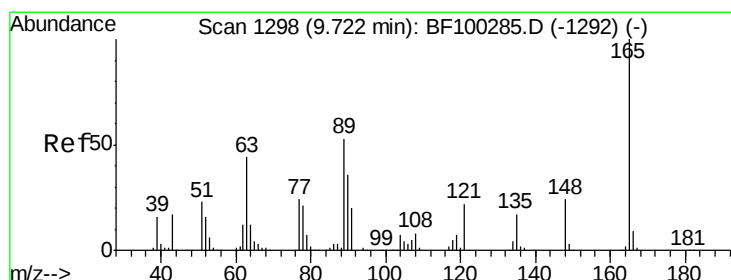
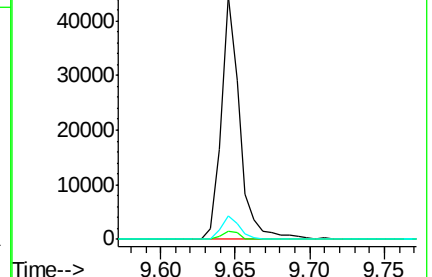
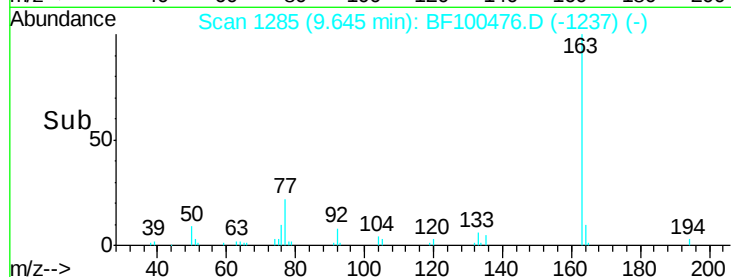
164 9.9 8.2 12.2



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: 8.37 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.22 min

Lab File: BF100476.D

Acq: 12 Nov 2017 8:22

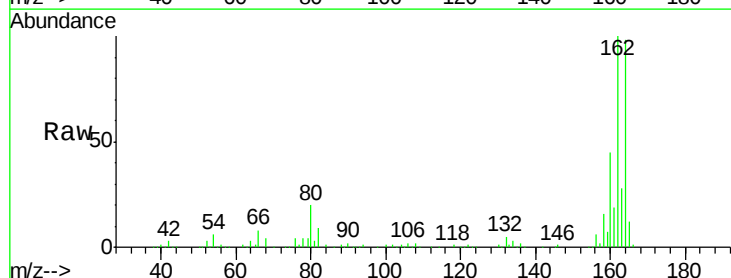
Tgt Ion:165 Resp: 27967

Ion Ratio Lower Upper

165 100

63 1.3 44.7 67.1#

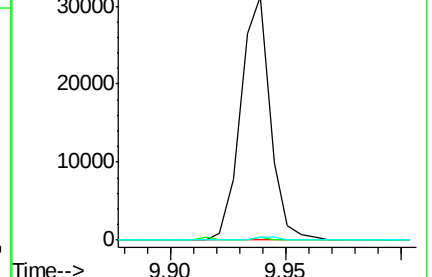
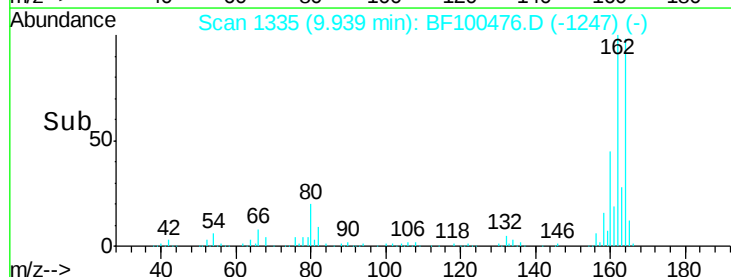
89 1.2 44.0 66.0#

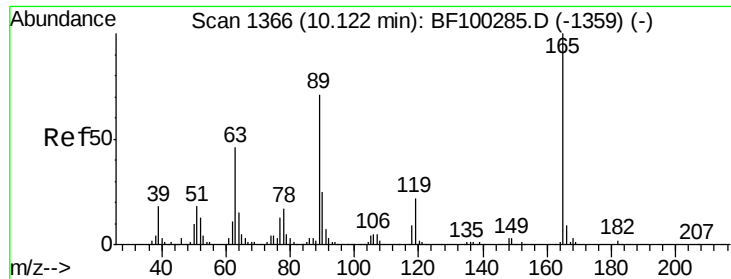


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

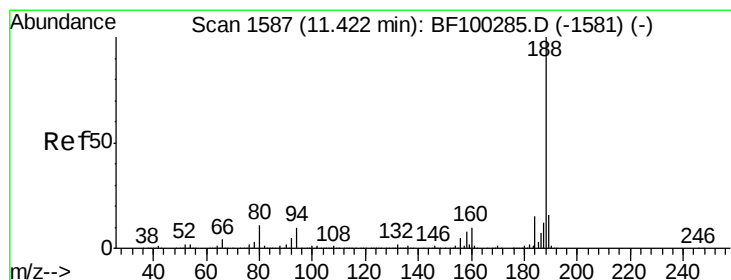
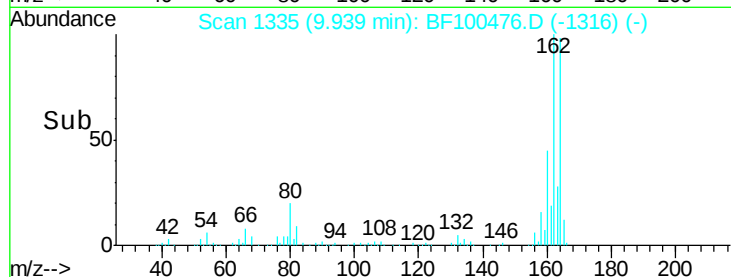
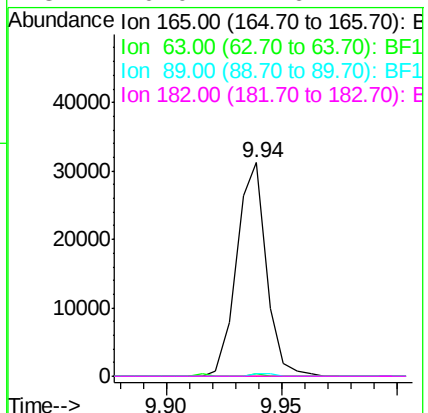
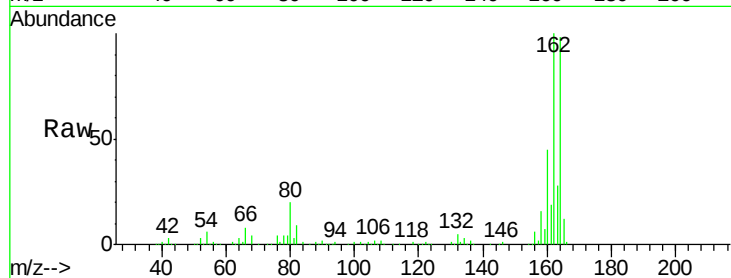




#56
2,4-Dinitrotoluene
Concen: 6.63 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.19 min
Lab File: BF100476.D
Acq: 12 Nov 2017 8:22

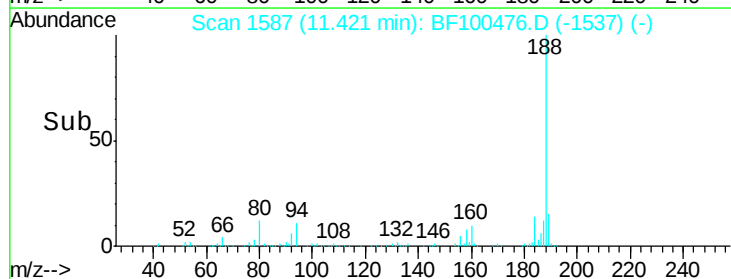
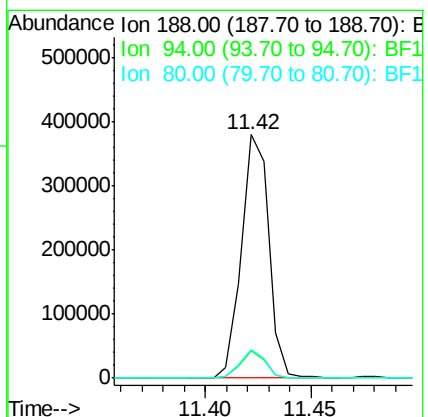
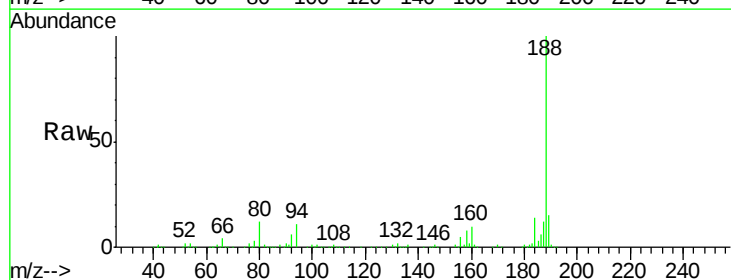
Instrument :
BNA_F
ClientSampleId :
110717-TIDO-F-U-B

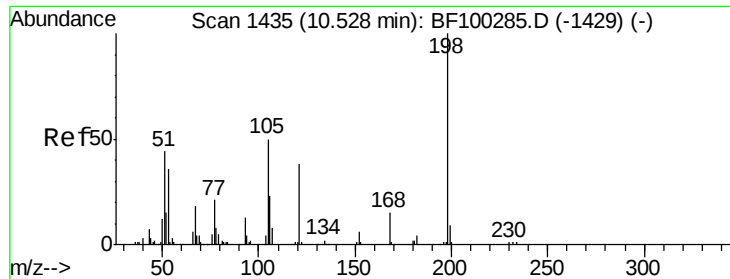
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF100476.D
Acq: 12 Nov 2017 8:22

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.5	12.7
80	11.7	9.2	13.8

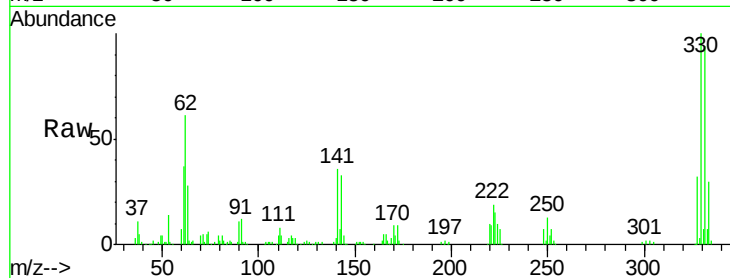




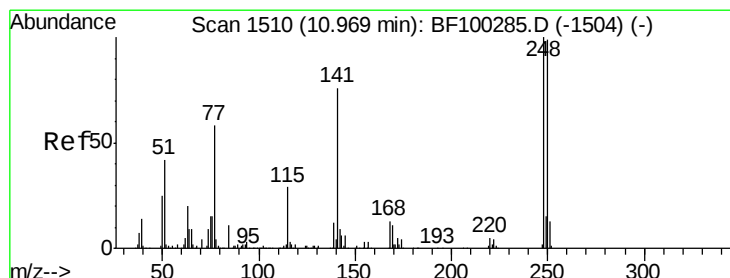
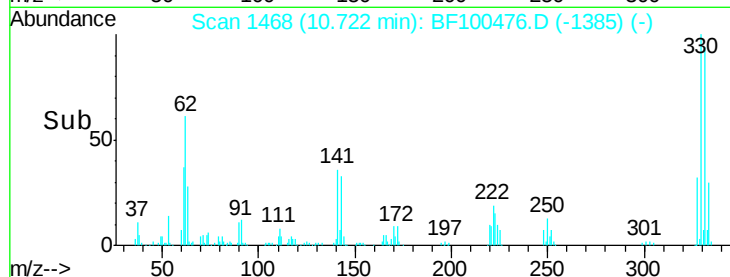
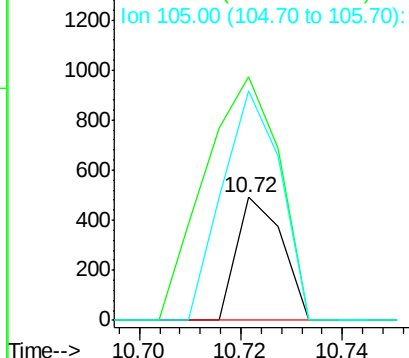
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.72 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. 0.19 min
 Lab File: BF100476.D
 Acq: 12 Nov 2017 8:22

Instrument :
 BNA_F
 ClientSampleId :
 110717-TIDO-F-U-B

Tgt Ion:198 Resp: 306
 Ion Ratio Lower Upper
 198 100
 51 197.6 37.7 77.7#
 105 186.4 36.3 76.3#

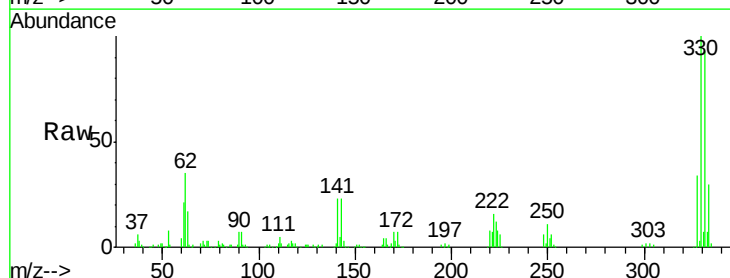


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

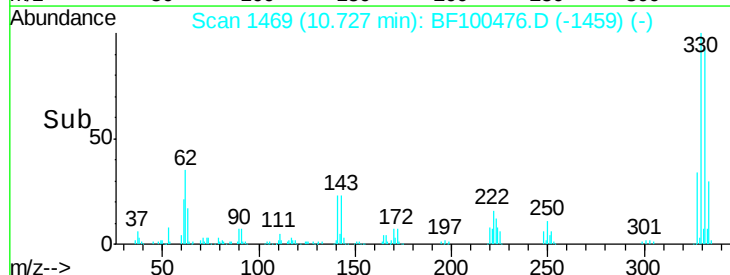
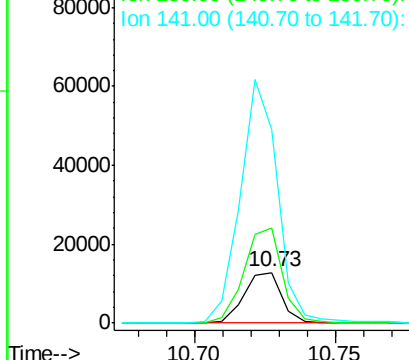


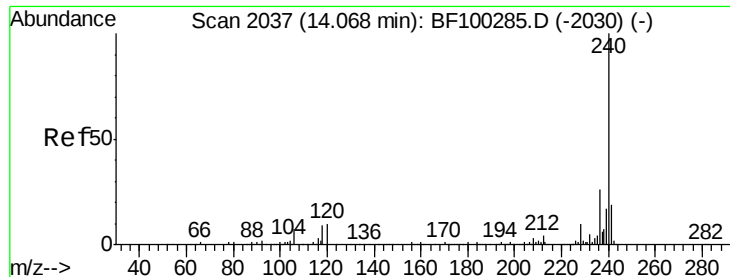
#66
 4-Bromophenyl-phenylether
 Concen: 3.27 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.24 min
 Lab File: BF100476.D
 Acq: 12 Nov 2017 8:22

Tgt Ion:248 Resp: 11976
 Ion Ratio Lower Upper
 248 100
 250 188.8 76.9 115.3#
 141 384.0 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: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF100476.D

Acq: 12 Nov 2017 8:22

Instrument :

BNA_F

ClientSampleId :

110717-TIDO-F-U-B

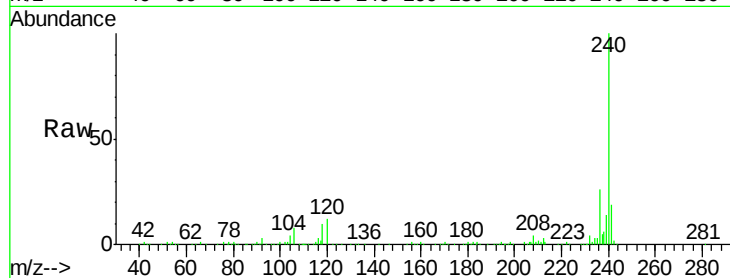
Tgt Ion:240 Resp: 293184

Ion Ratio Lower Upper

240 100

120 11.6 9.5 14.3

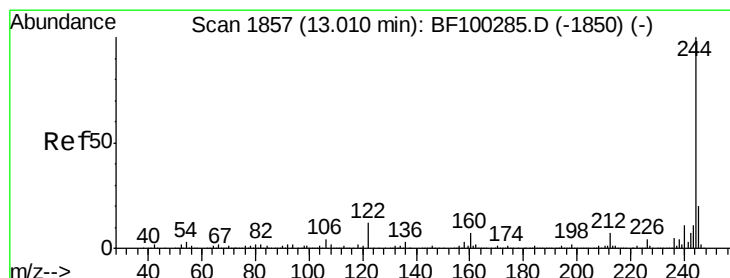
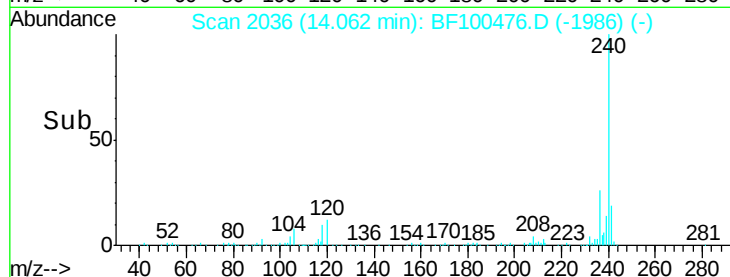
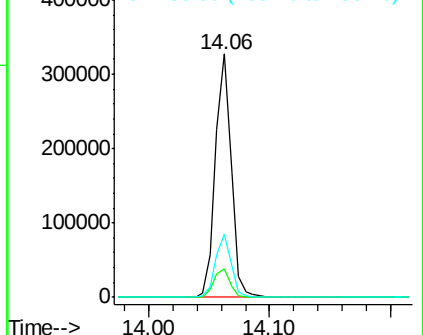
236 26.1 20.7 31.1



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: 82.16 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BF100476.D

Acq: 12 Nov 2017 8:22

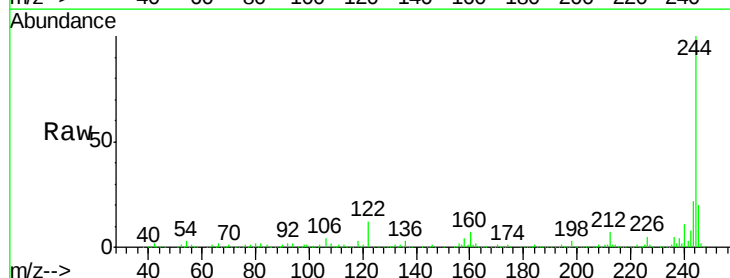
Tgt Ion:244 Resp: 1048363

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

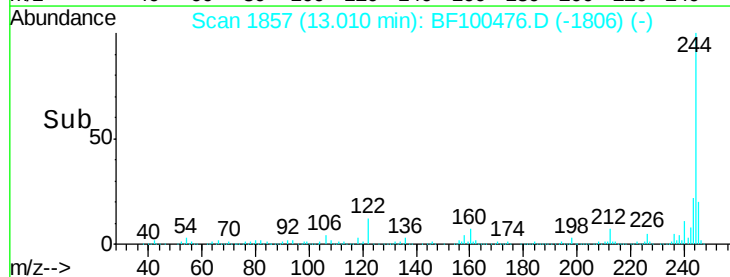
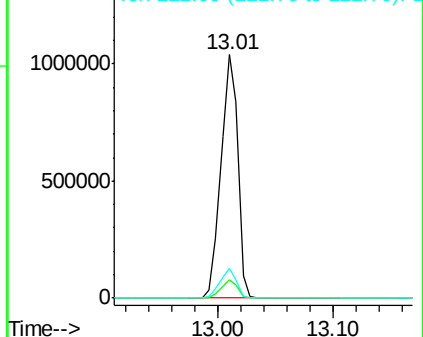
122 12.0 11.0 16.4

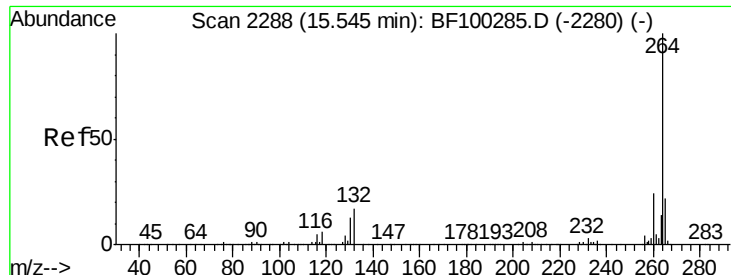


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.54 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BF100476.D
Acq: 12 Nov 2017 8:22

Instrument :
BNA_F
ClientSampleId :
110717-TIDO-F-U-B

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.2	28.8
265	21.2	17.5	26.3

