

Data File : BF100494.D
Acq On : 12 Nov 2017 17:13
Operator : SJ/JU
Sample : I6403-07
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
110817-TIDO-F-U-B

Quant Time: Nov 13 06:21:43 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 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	143439	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	527618	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	213728	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	323742	20.00	ng	0.00
75) Chrysene-d12	14.06	240	289212	20.00	ng	0.00
86) Perylene-d12	15.54	264	204501	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	270968	30.28	ng	0.00
7) Phenol-d6	6.51	99	204619	18.54	ng	-0.02
23) Nitrobenzene-d5	7.46	82	605998	75.93	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	117925	54.15	ng	-0.01
44) 2-Fluorobiphenyl	9.26	172	1079500	76.91	ng	0.00
78) Terphenyl-d14	13.01	244	730564	58.04	ng	0.00

Target Compounds						Qvalue
10) Phenol	6.53	94	25462	2.20	ng	96
19) n-Nitroso-di-n-propylamine	7.46	70	79646	10.41	ng	# 82
25) Isophorone	7.46	82	604257	36.03	ng	# 64
47) 2-Nitroaniline	9.65	65	711	2.95	ng	# 1
49) Dimethylphthalate	9.65	163	90319	5.53	ng	98
50) 2,6-Dinitrotoluene	9.94	165	26735	8.28	ng	# 25
56) 2,4-Dinitrotoluene	9.94	165	26735	6.56	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.72	198	125	8.63	ng	# 1
66) 4-Bromophenyl-phenylether	10.72	248	7094	2.04	ng	# 1

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

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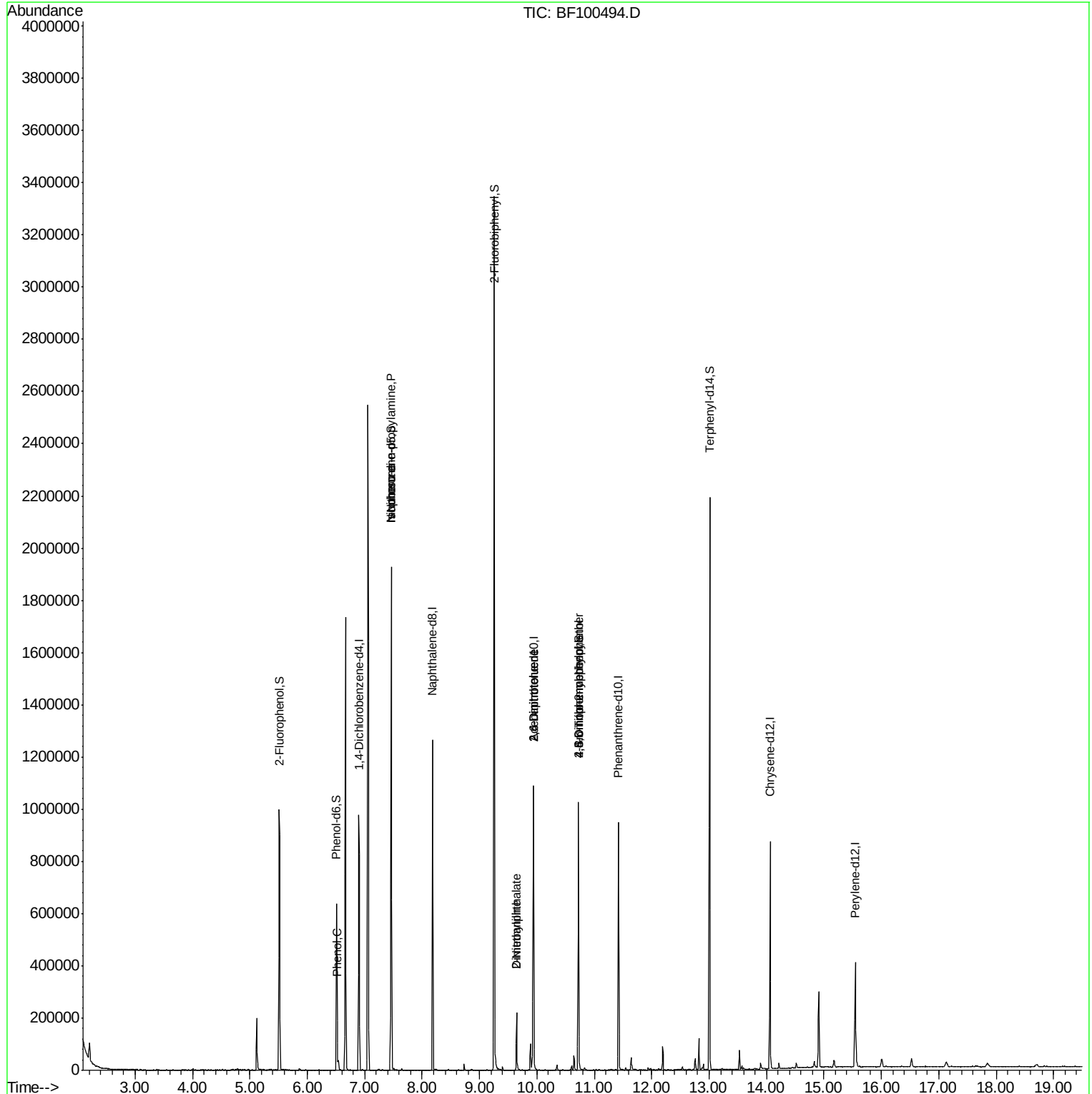
Quant Time: Nov 13 06:21:43 2017

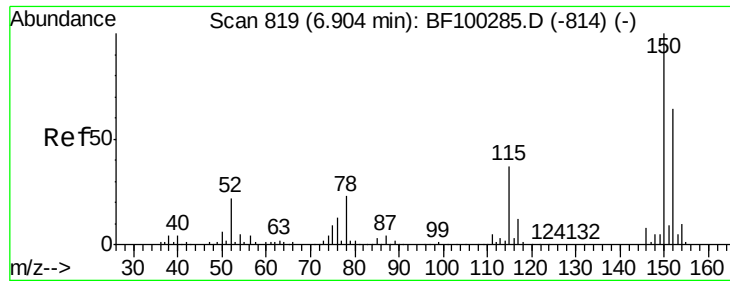
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Response via : Initial Calibration

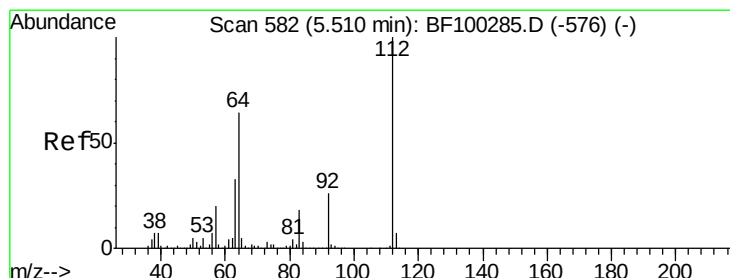
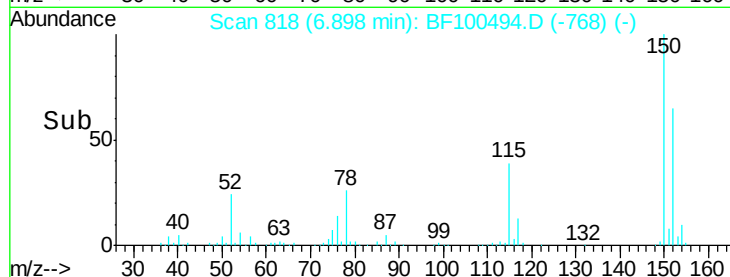
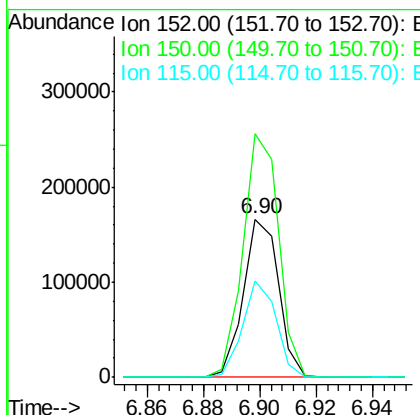
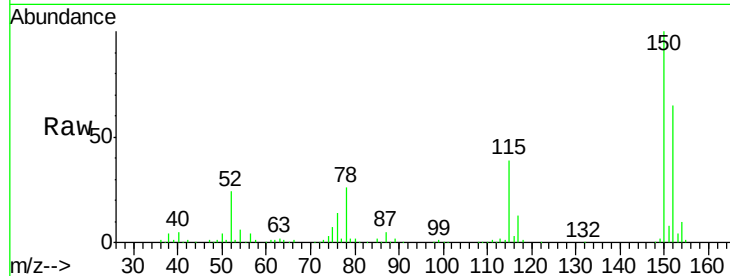




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF100494.D
 Acq: 12 Nov 2017 17:13

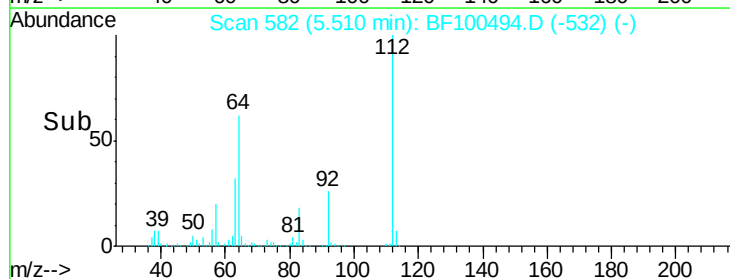
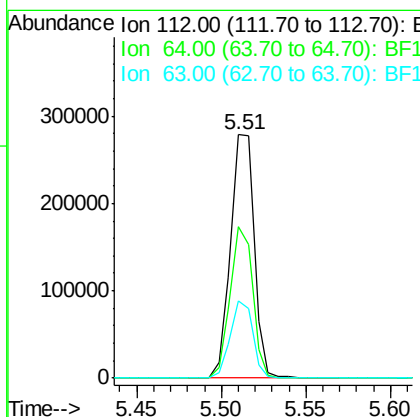
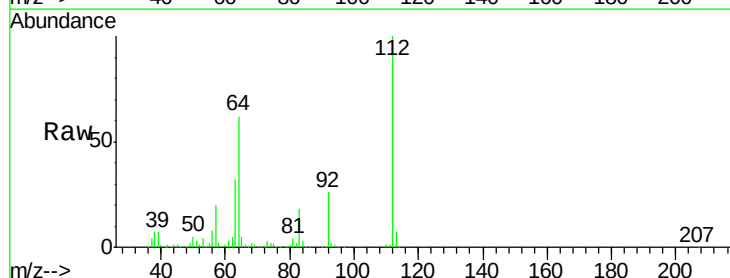
Instrument :
 BNA_F
 ClientSampleId :
 110817-TIDO-F-U-B

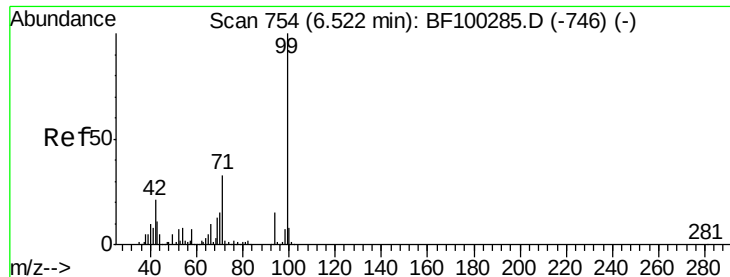
Tgt Ion:152 Resp: 143439
 Ion Ratio Lower Upper
 152 100
 150 154.2 124.6 186.8
 115 60.9 50.1 75.1



#5
 2-Fluorophenol
 Concen: 30.28 ng
 RT: 5.51 min Scan# 582
 Delta R.T. -0.01 min
 Lab File: BF100494.D
 Acq: 12 Nov 2017 17:13

Tgt Ion:112 Resp: 270968
 Ion Ratio Lower Upper
 112 100
 64 62.4 47.9 71.9
 63 31.9 23.7 35.5





#7

Phenol-d6

Concen: 18.54 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.02 min

Lab File: BF100494.D

Acq: 12 Nov 2017 17:13

Instrument :

BNA_F

ClientSampleId :

110817-TIDO-F-U-B

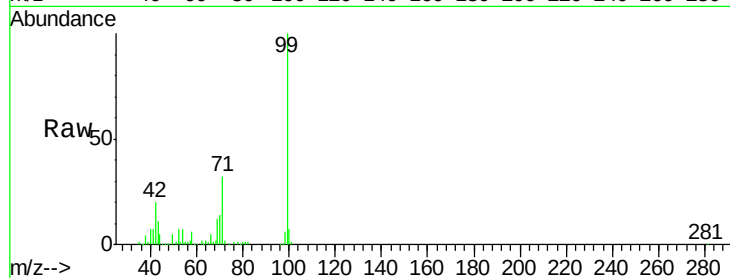
Tgt Ion: 99 Resp: 204619

Ion Ratio Lower Upper

99 100

42 20.1 14.5 21.7

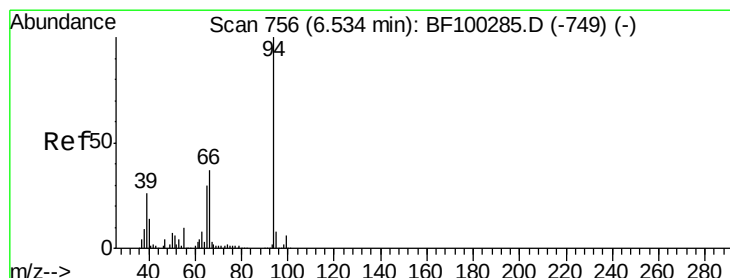
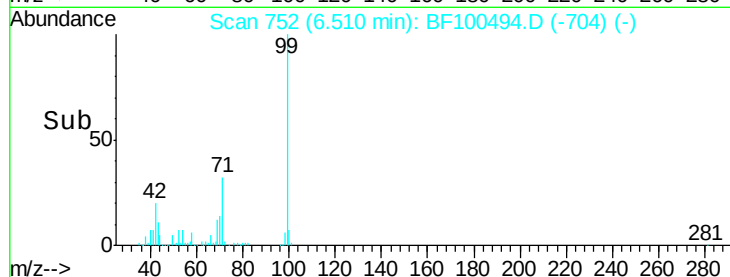
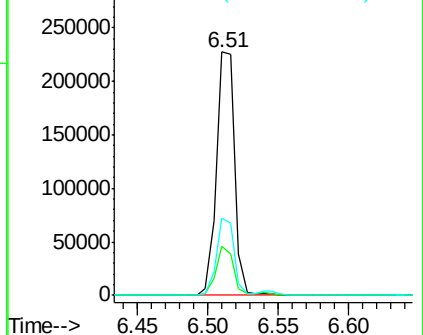
71 31.9 25.4 38.0



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



#10

Phenol

Concen: 2.20 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF100494.D

Acq: 12 Nov 2017 17:13

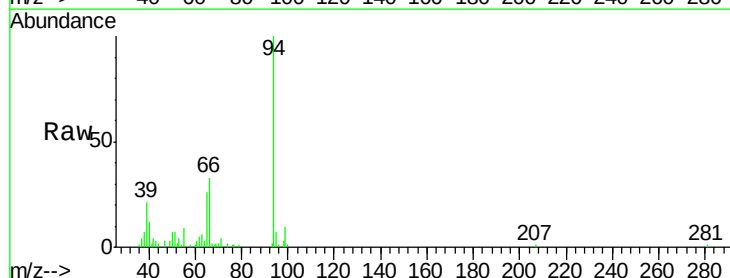
Tgt Ion: 94 Resp: 25462

Ion Ratio Lower Upper

94 100

65 26.2 7.9 47.9

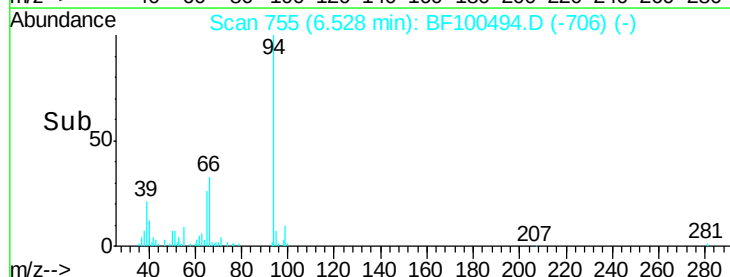
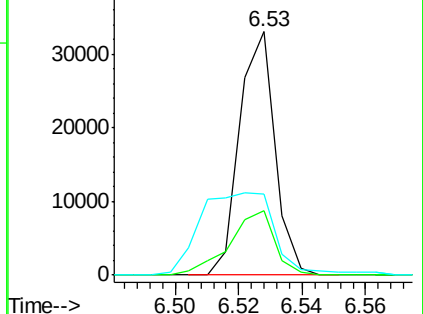
66 33.2 16.2 56.2

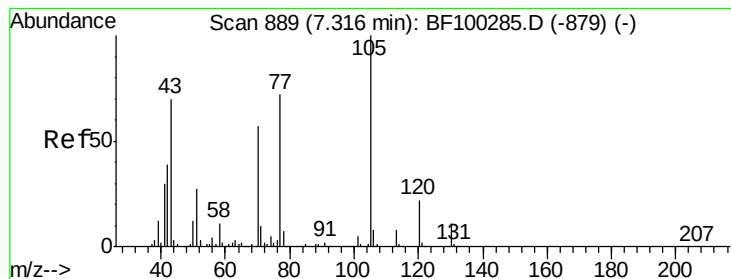


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 10.41 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.15 min

Lab File: BF100494.D

Acq: 12 Nov 2017 17:13

Instrument :

BNA_F

ClientSampleId :

110817-TIDO-F-U-B

Tgt Ion: 70 Resp: 79646

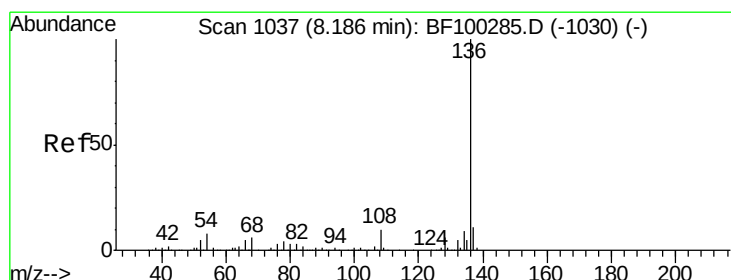
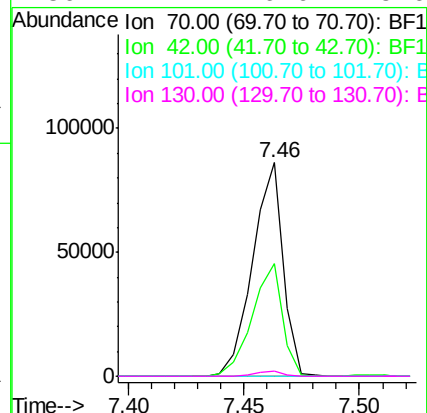
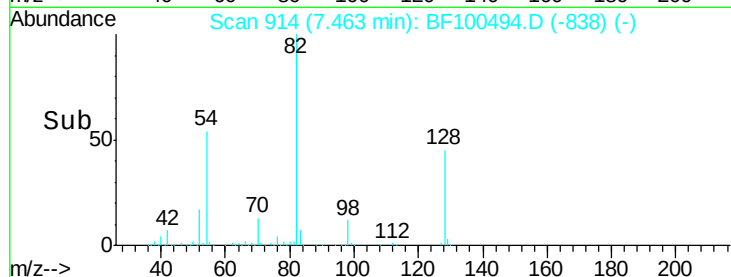
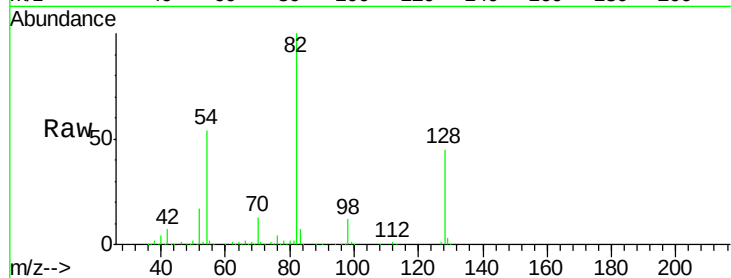
Ion Ratio Lower Upper

70 100

42 52.6 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 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: BF100494.D

Acq: 12 Nov 2017 17:13

Tgt Ion: 136 Resp: 527618

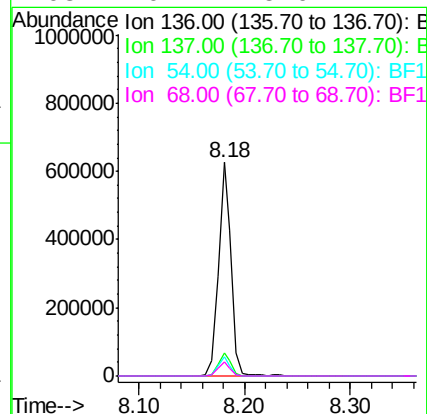
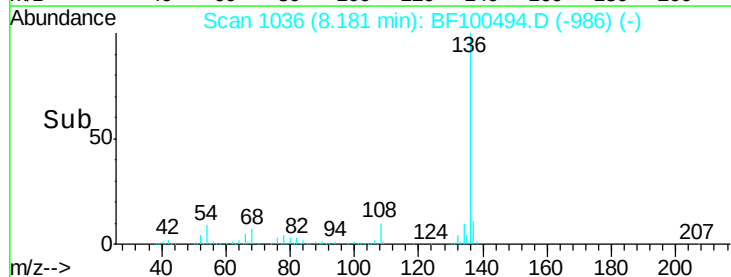
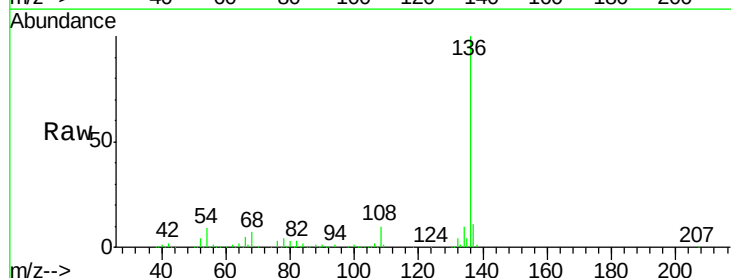
Ion Ratio Lower Upper

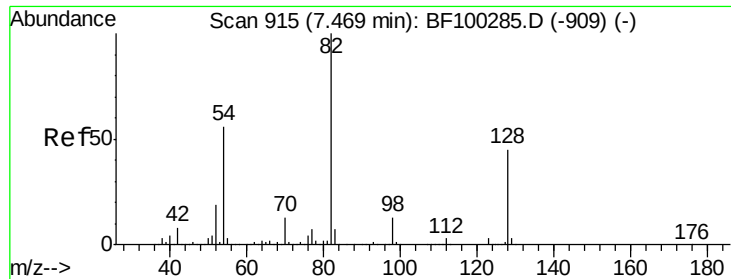
136 100

137 10.9 8.9 13.3

54 9.2 6.6 9.8

68 6.7 5.0 7.4

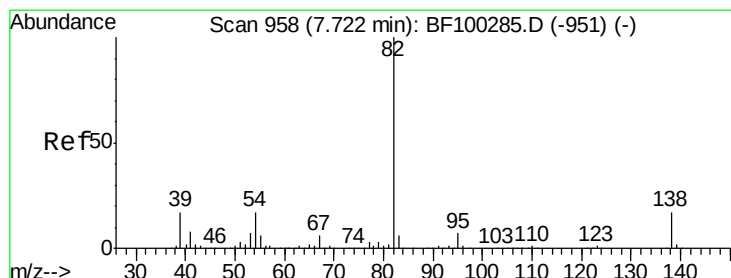
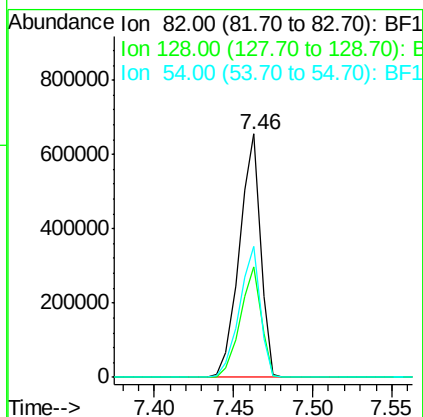
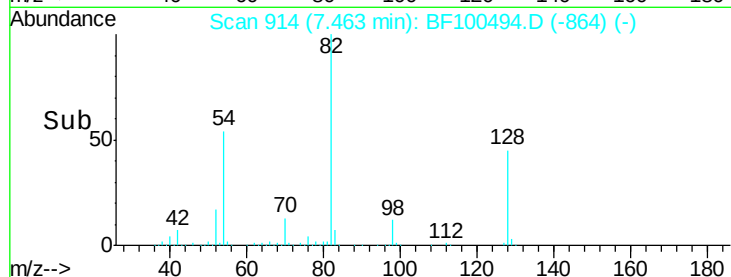
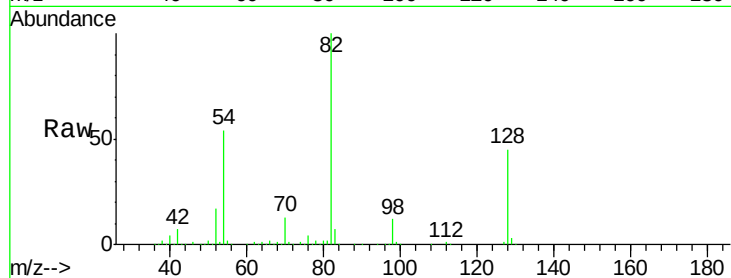




#23
 Nitrobenzene-d5
 Concen: 75.93 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BF100494.D
 Acq: 12 Nov 2017 17:13

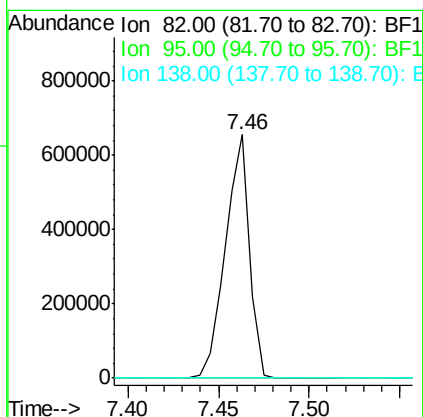
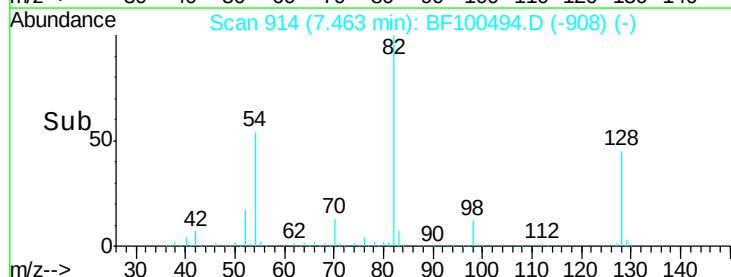
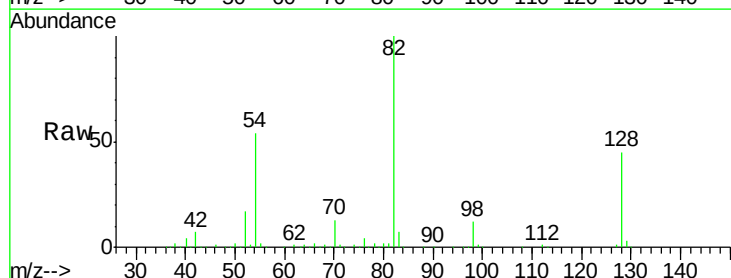
Instrument :
 BNA_F
 ClientSampleId :
 110817-TIDO-F-U-B

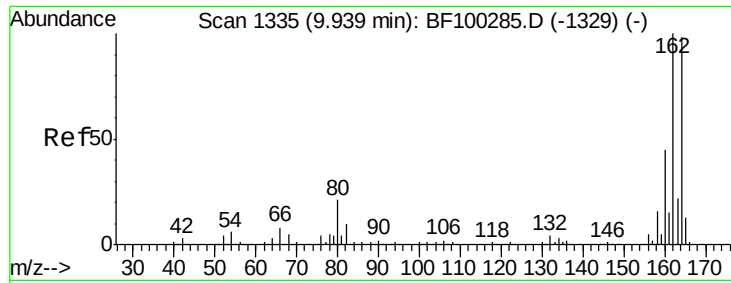
Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.1	54.1
54	53.8	41.4	62.2



#25
 Isophorone
 Concen: 36.03 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.26 min
 Lab File: BF100494.D
 Acq: 12 Nov 2017 17:13

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

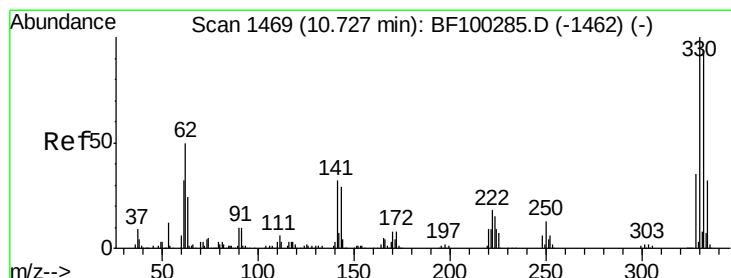
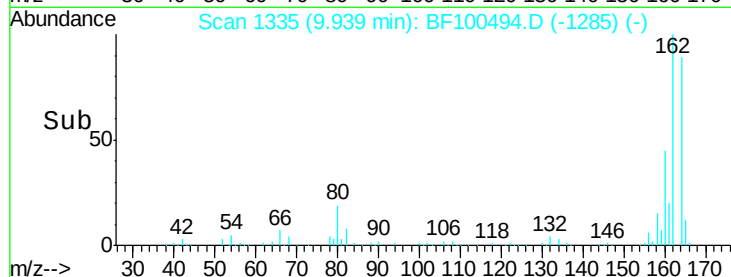
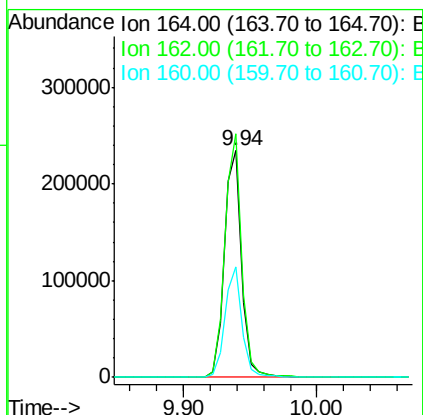
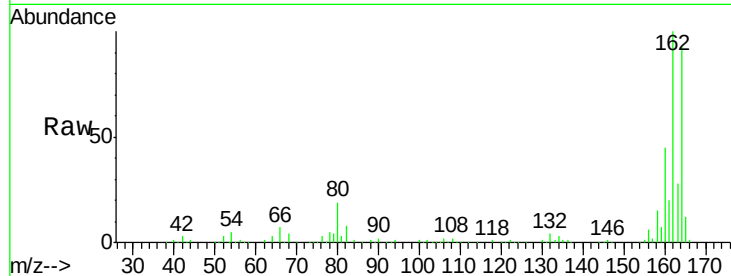




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.01 min
 Lab File: BF100494.D
 Acq: 12 Nov 2017 17:13

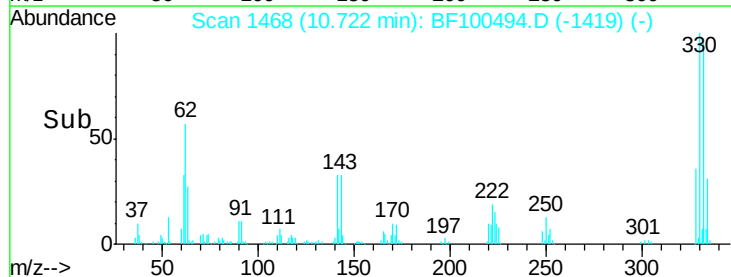
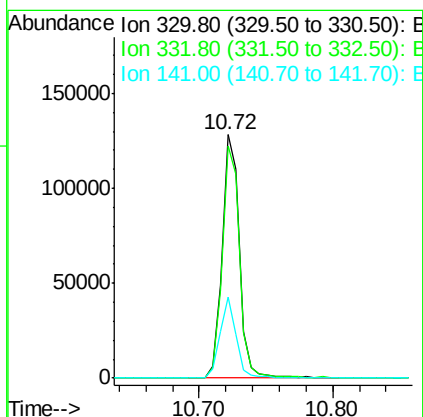
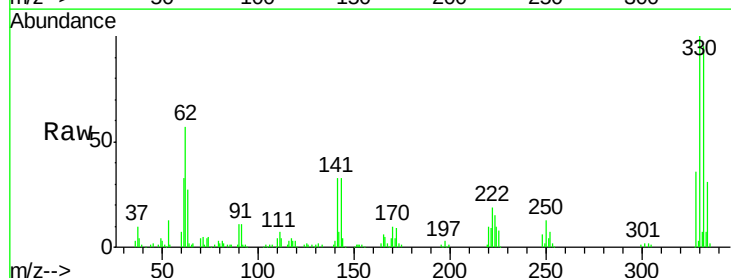
Instrument :
 BNA_F
 ClientSampleId :
 110817-TIDO-F-U-B

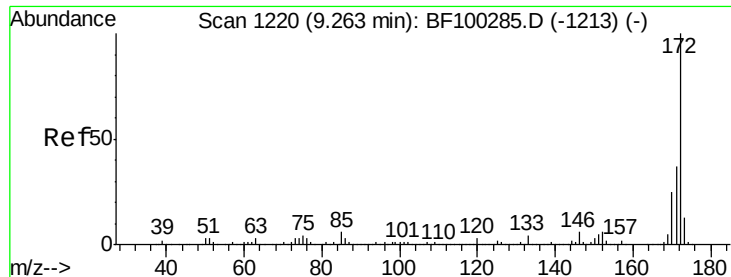
Tgt Ion:164 Resp: 213728
 Ion Ratio Lower Upper
 164 100
 162 107.4 86.1 129.1
 160 48.8 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 54.15 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. -0.01 min
 Lab File: BF100494.D
 Acq: 12 Nov 2017 17:13

Tgt Ion:330 Resp: 117925
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 31.0 29.9 44.9

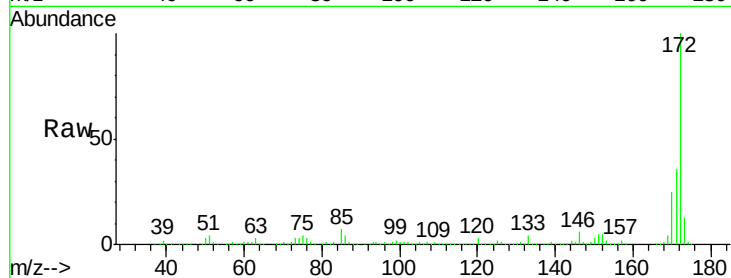




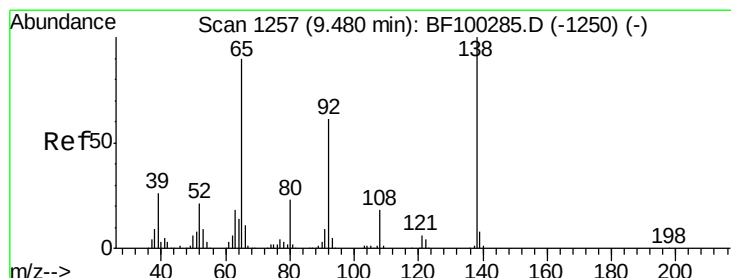
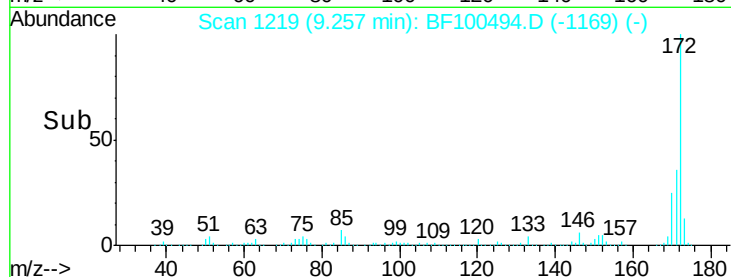
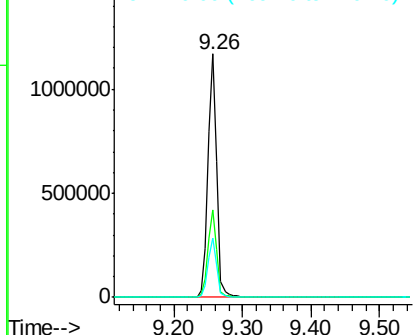
#44
 2-Fluorobiphenyl
 Concen: 76.91 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF100494.D
 Acq: 12 Nov 2017 17:13

Instrument :
 BNA_F
 ClientSampleId :
 110817-TIDO-F-U-B

Tgt Ion: 172 Resp: 1079500
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 24.5 19.6 29.4

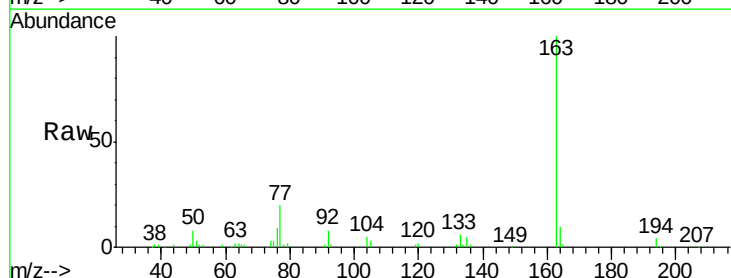


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

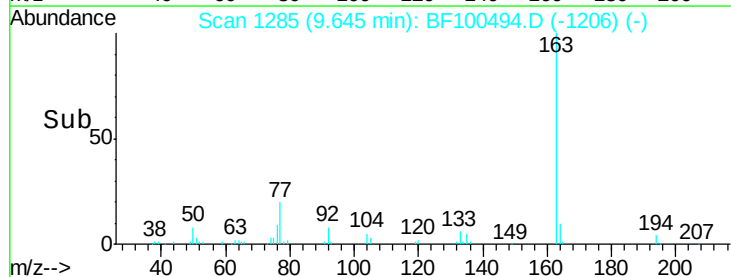
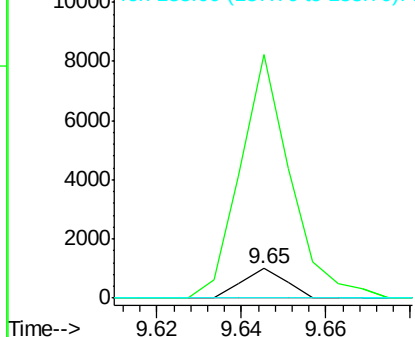


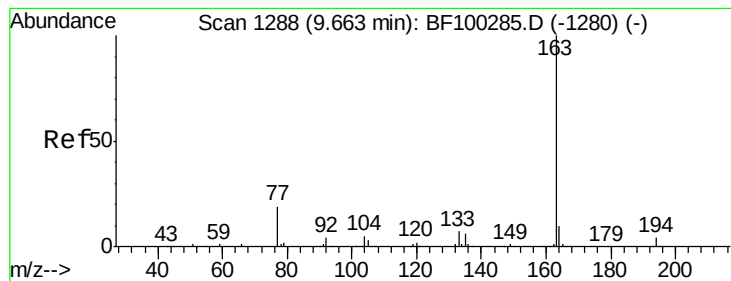
#47
 2-Nitroaniline
 Concen: 2.95 ng
 RT: 9.65 min Scan# 1285
 Delta R.T. 0.16 min
 Lab File: BF100494.D
 Acq: 12 Nov 2017 17:13

Tgt Ion: 65 Resp: 711
 Ion Ratio Lower Upper
 65 100
 92 822.5 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: 5.53 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BF100494.D

Acq: 12 Nov 2017 17:13

Instrument :

BNA_F

ClientSampleId :

110817-TIDO-F-U-B

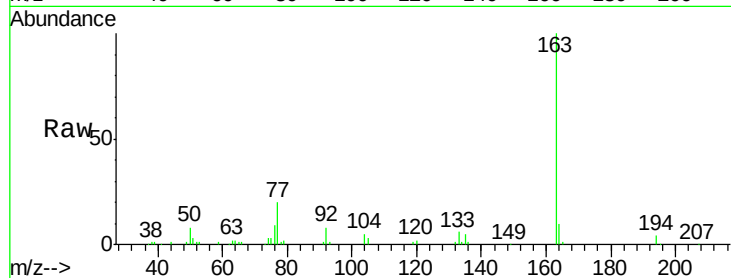
Tgt Ion:163 Resp: 90319

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

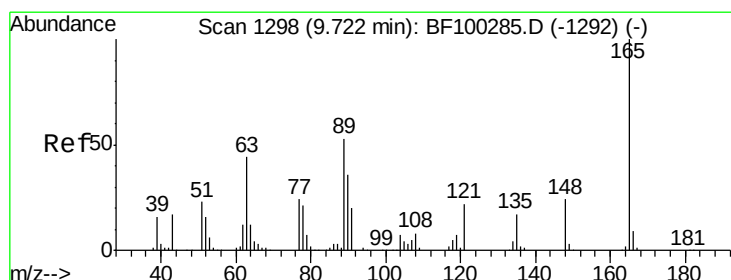
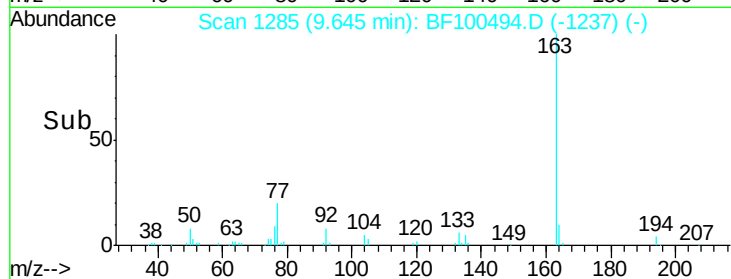
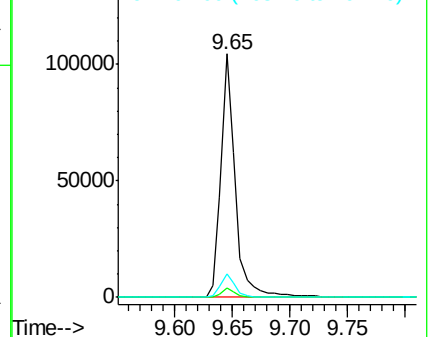
164 9.6 8.2 12.2



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: 8.28 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.22 min

Lab File: BF100494.D

Acq: 12 Nov 2017 17:13

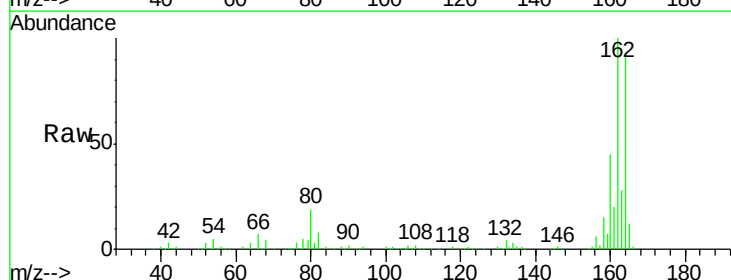
Tgt Ion:165 Resp: 26735

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

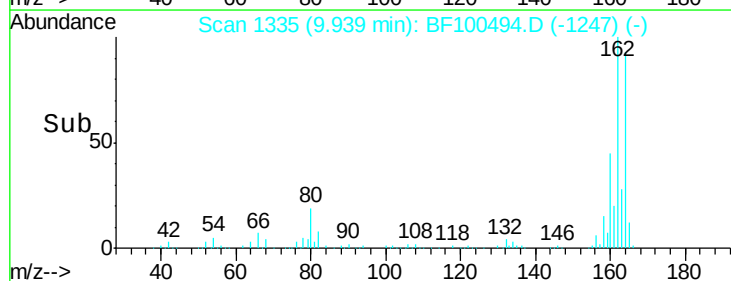
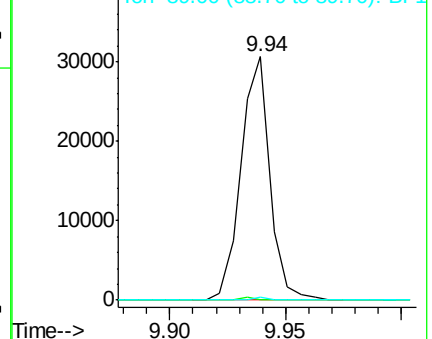
89 1.4 44.0 66.0#

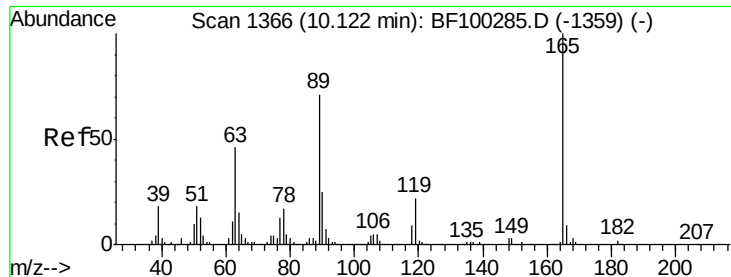


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

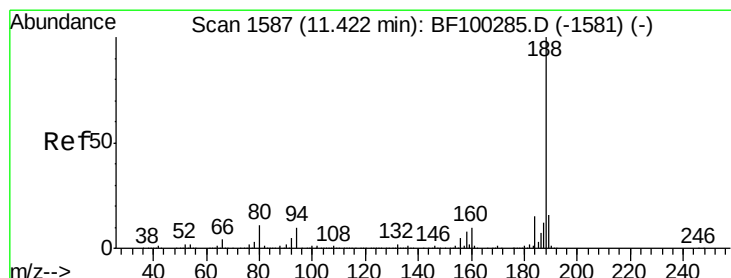
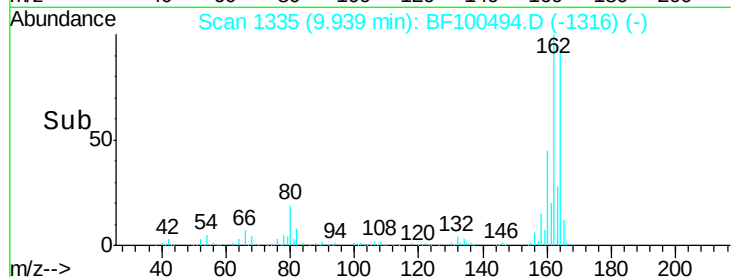
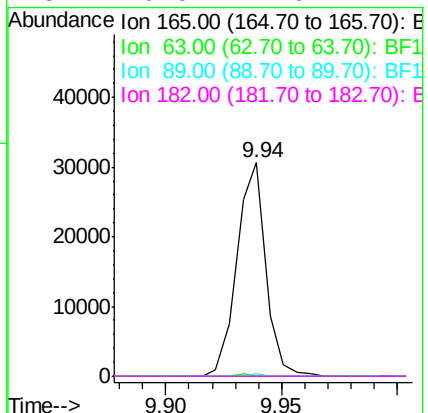
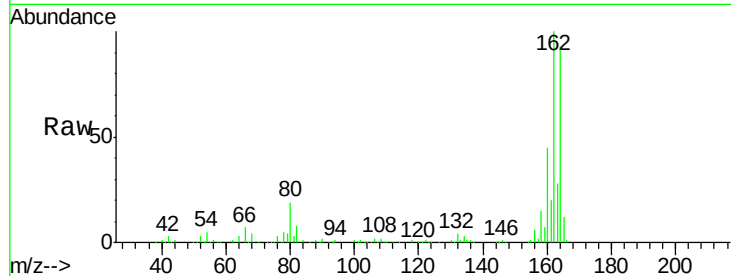




#56
 2,4-Dinitrotoluene
 Concen: 6.56 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.19 min
 Lab File: BF100494.D
 Acq: 12 Nov 2017 17:13

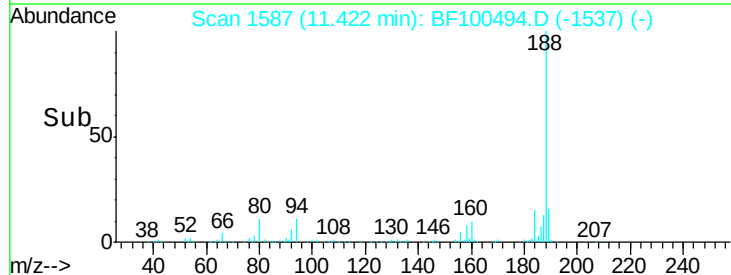
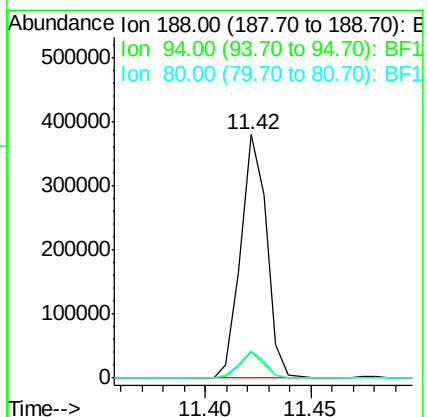
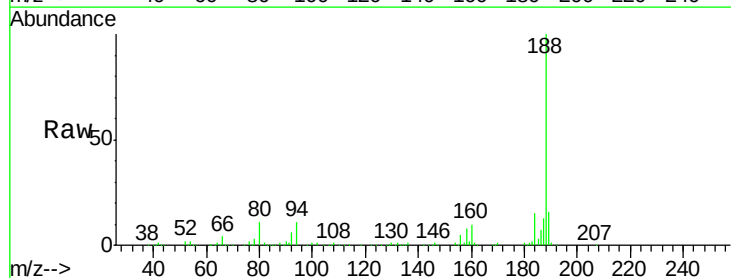
Instrument :
 BNA_F
 ClientSampleId :
 110817-TIDO-F-U-B

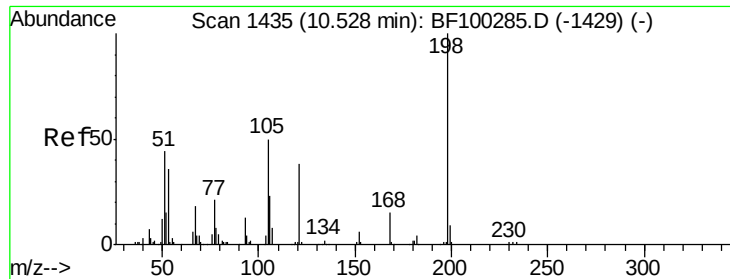
Tgt Ion:	165	Resp:	26735
Ion Ratio	Lower	Upper	
165	100		
63	0.0	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BF100494.D
 Acq: 12 Nov 2017 17:13

Tgt Ion:	188	Resp:	323742
Ion Ratio	Lower	Upper	
188	100		
94	10.9	8.5	12.7
80	11.3	9.2	13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 8.63 ng

RT: 10.72 min Scan# 1468

Delta R.T. 0.19 min

Lab File: BF100494.D

Acq: 12 Nov 2017 17:13

Instrument :

BNA_F

ClientSampleId :

110817-TIDO-F-U-B

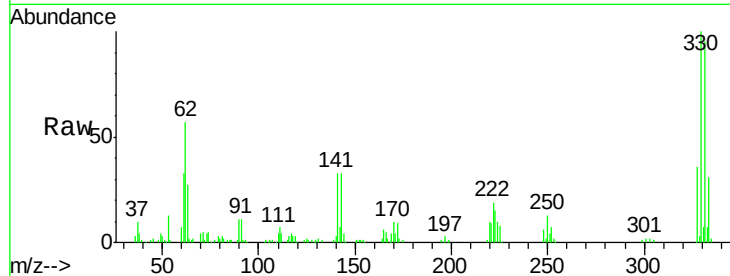
Tgt Ion:198 Resp: 125

Ion Ratio Lower Upper

198 100

51 189.0 37.7 77.7#

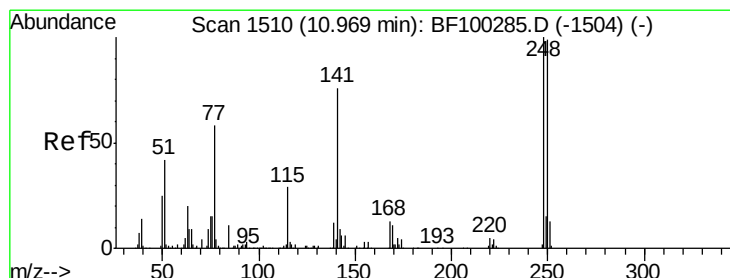
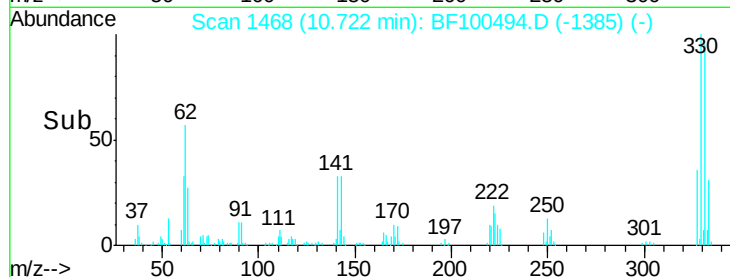
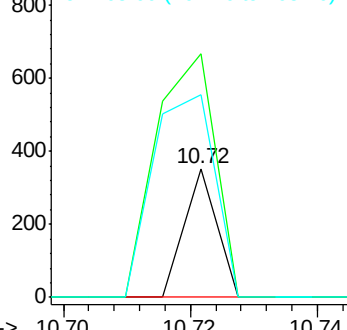
105 157.2 36.3 76.3#



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: 2.04 ng

RT: 10.72 min Scan# 1468

Delta R.T. -0.25 min

Lab File: BF100494.D

Acq: 12 Nov 2017 17:13

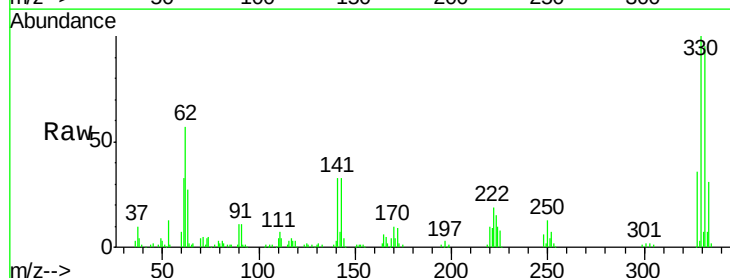
Tgt Ion:248 Resp: 7094

Ion Ratio Lower Upper

248 100

250 198.2 76.9 115.3#

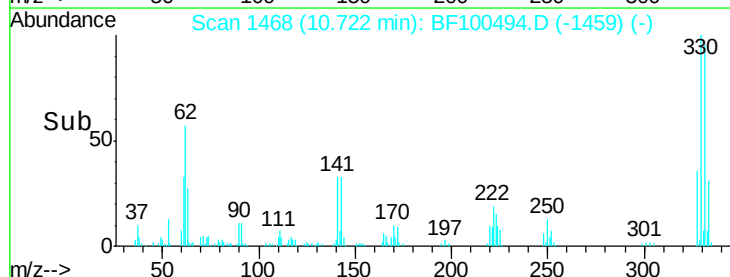
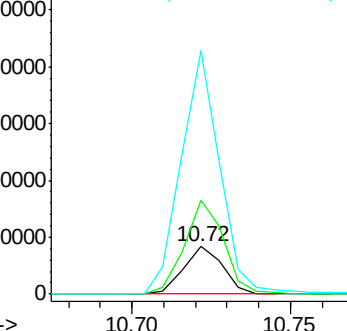
141 515.9 74.4 111.6#

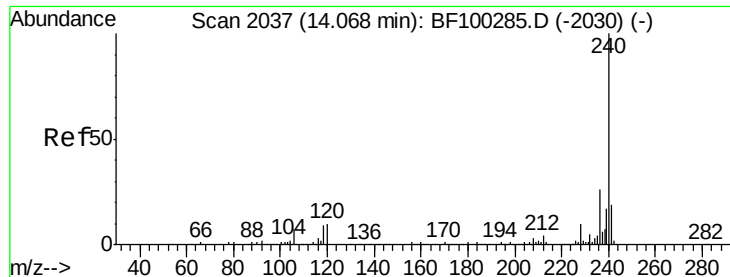


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF100494.D

Acq: 12 Nov 2017 17:13

Instrument :

BNA_F

ClientSampleId :

110817-TIDO-F-U-B

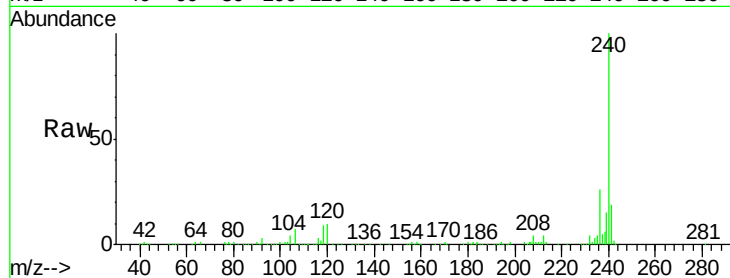
Tgt Ion:240 Resp: 289212

Ion Ratio Lower Upper

240 100

120 10.4 9.5 14.3

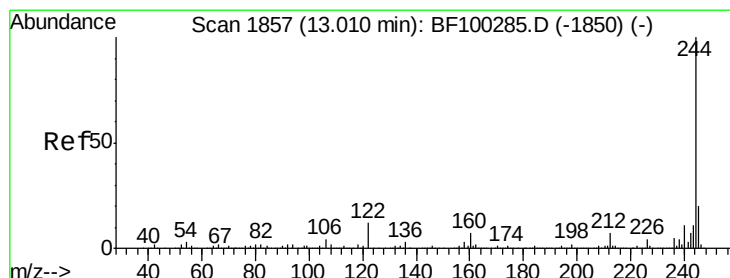
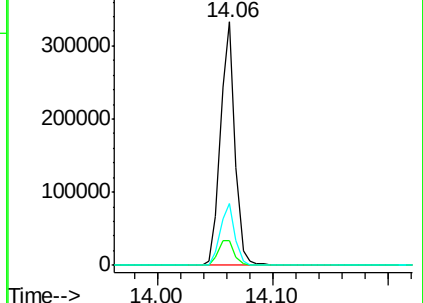
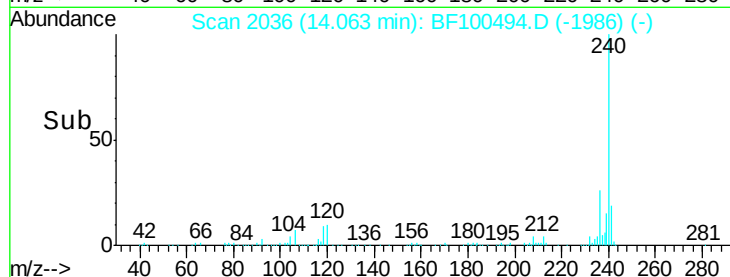
236 25.5 20.7 31.1



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: 58.04 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BF100494.D

Acq: 12 Nov 2017 17:13

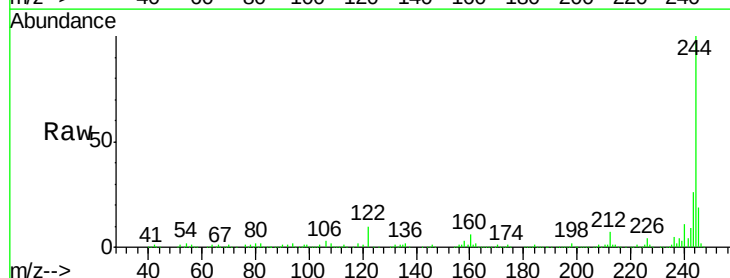
Tgt Ion:244 Resp: 730564

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

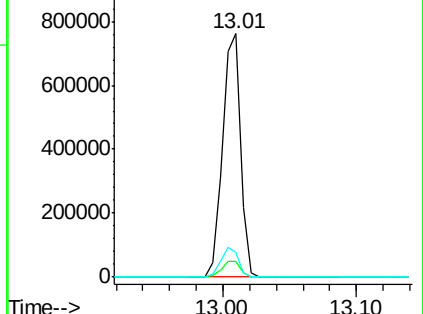
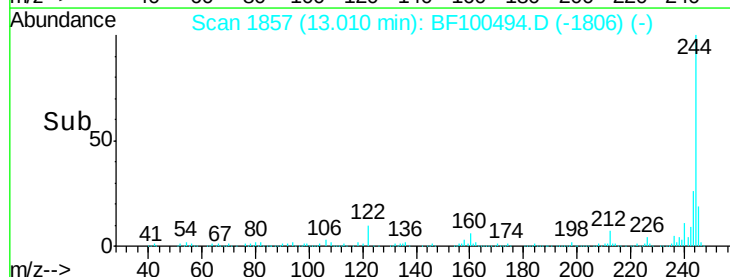
122 10.2 11.0 16.4#

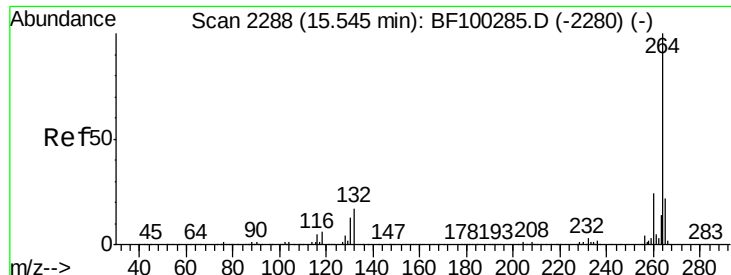


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF100494.D
Acq: 12 Nov 2017 17:13

Instrument :
BNA_F
ClientSampleId :
110817-TIDO-F-U-B

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	20.1	17.5	26.3

