

Data File : BF100495.D
Acq On : 12 Nov 2017 17:40
Operator : SJ/JU
Sample : I6403-08
Misc :
ALS Vial : 64 Sample Multiplier: 1

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

Quant Time: Nov 13 06:22:00 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	136826	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	508934	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	208237	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	313724	20.00	ng	0.00
75) Chrysene-d12	14.06	240	273639	20.00	ng	0.00
86) Perylene-d12	15.54	264	191728	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	370169	43.37	ng	0.00
7) Phenol-d6	6.52	99	283123	26.90	ng	-0.01
23) Nitrobenzene-d5	7.46	82	802453	104.24	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	163449	77.03	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1359426	99.41	ng	0.00
78) Terphenyl-d14	13.01	244	883419	74.18	ng	0.00

Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.46	70	105383	14.44	ng	# 82
25) Isophorone	7.46	82	800385	49.48	ng	# 64
47) 2-Nitroaniline	9.65	65	127	2.81	ng	# 1
50) 2,6-Dinitrotoluene	9.94	165	25872	8.22	ng	# 26
56) 2,4-Dinitrotoluene	9.94	165	25872	6.52	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.72	198	119	8.63	ng	# 1
66) 4-Bromophenyl-phenylether	10.72	248	10308	3.07	ng	# 1

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

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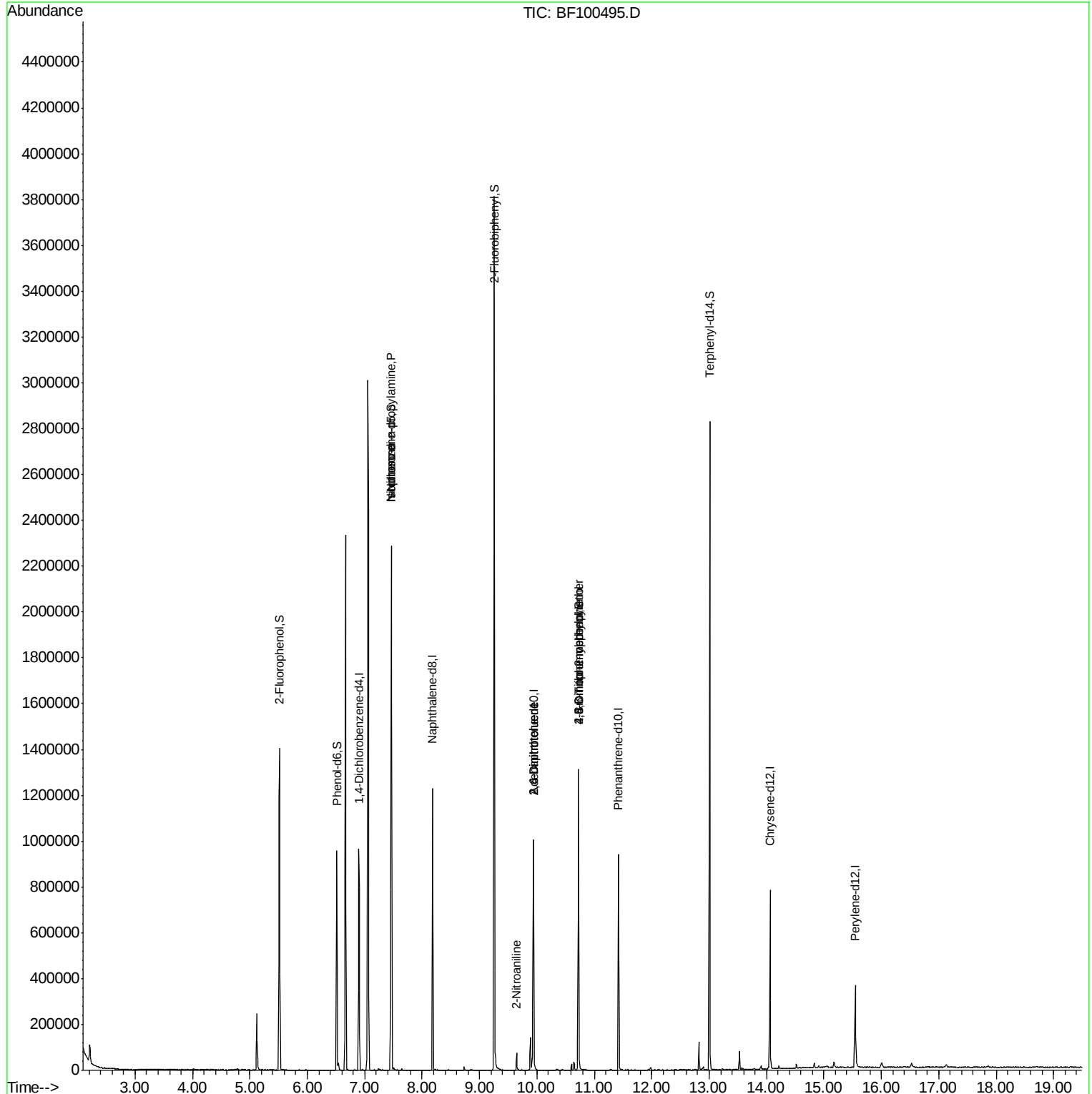
Quant Time: Nov 13 06:22:00 2017

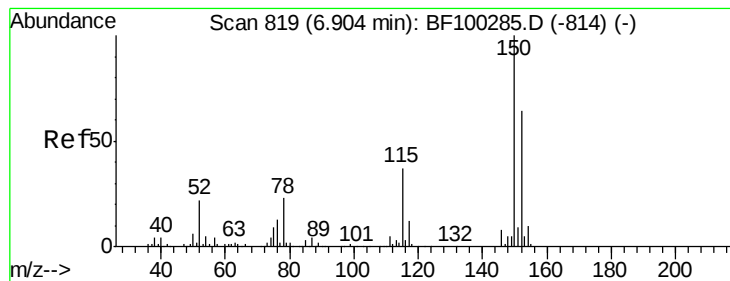
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M

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: BF100495.D

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Instrument :

BNA_F

ClientSampleId :

110817-TIDO-F-U-S

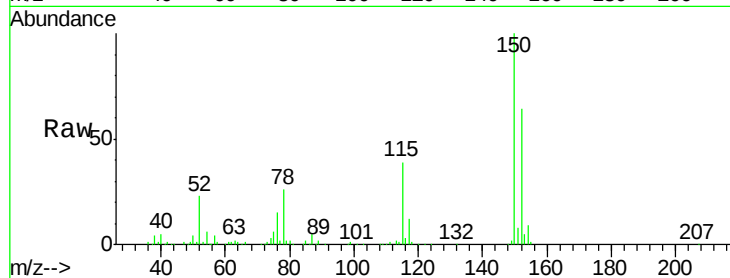
Tgt Ion:152 Resp: 136826

Ion Ratio Lower Upper

152 100

150 156.2 124.6 186.8

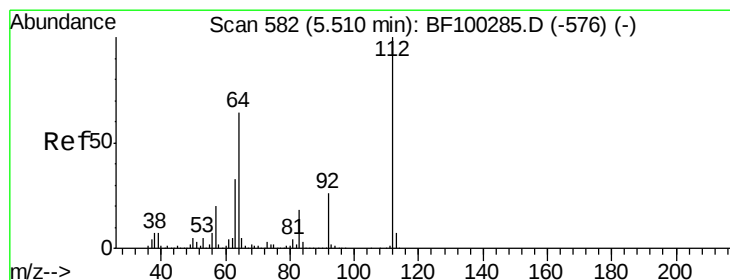
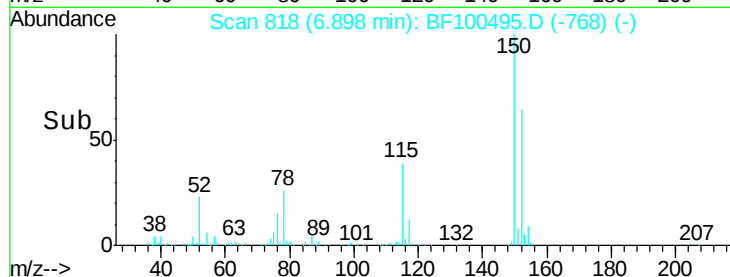
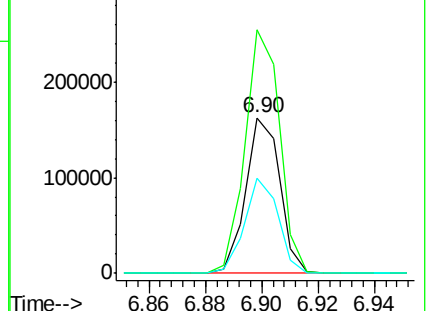
115 61.3 50.1 75.1



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: 43.37 ng

RT: 5.52 min Scan# 583

Delta R.T. -0.00 min

Lab File: BF100495.D

Acq: 12 Nov 2017 17:40

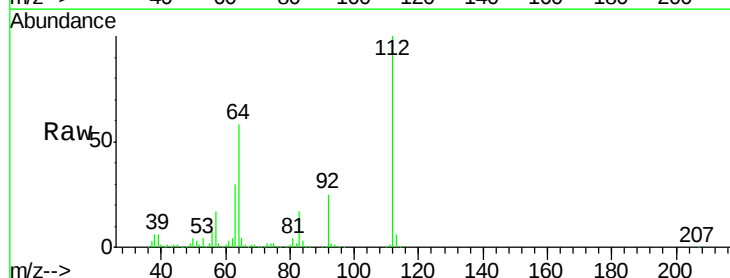
Tgt Ion:112 Resp: 370169

Ion Ratio Lower Upper

112 100

64 58.3 47.9 71.9

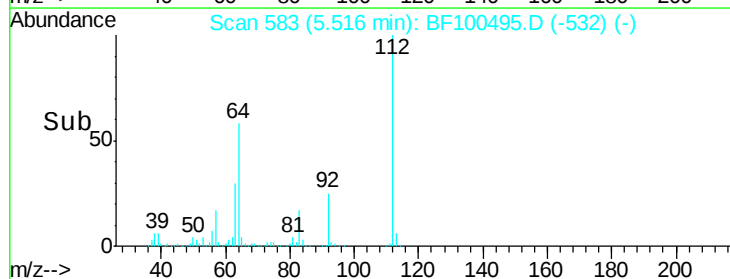
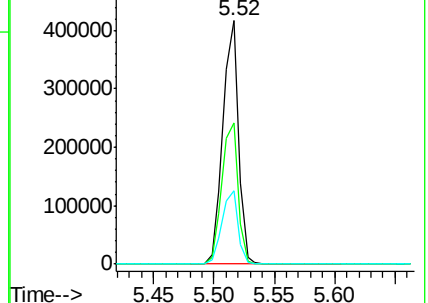
63 30.3 23.7 35.5

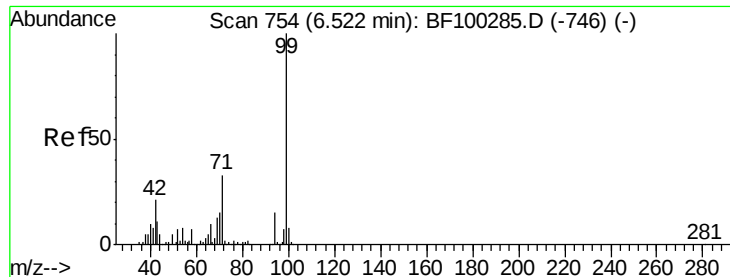


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 26.90 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100495.D

Acq: 12 Nov 2017 17:40

Instrument :

BNA_F

ClientSampleId :

110817-TIDO-F-U-S

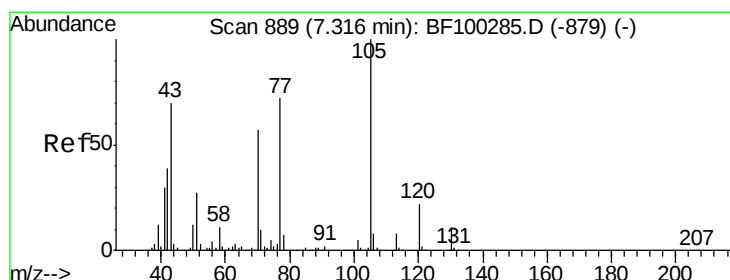
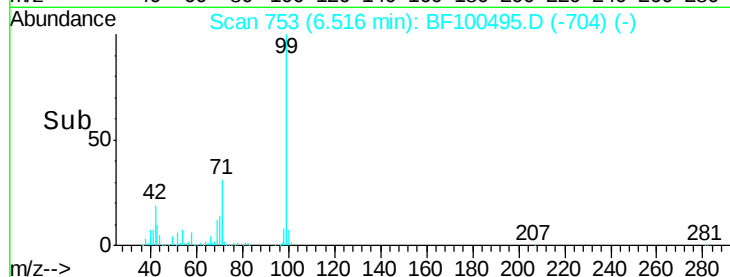
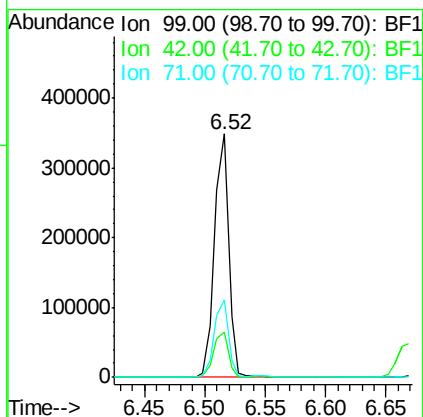
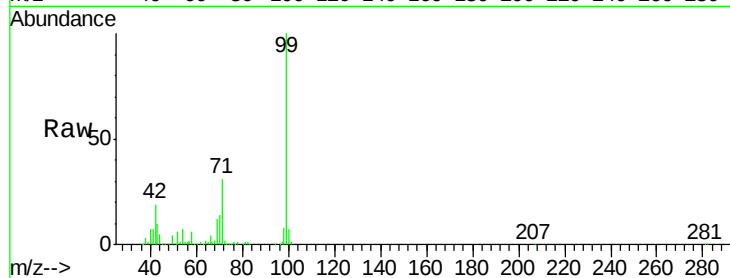
Tgt Ion: 99 Resp: 283123

Ion Ratio Lower Upper

99 100

42 18.7 14.5 21.7

71 31.5 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.44 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.15 min

Lab File: BF100495.D

Acq: 12 Nov 2017 17:40

Tgt Ion: 70 Resp: 105383

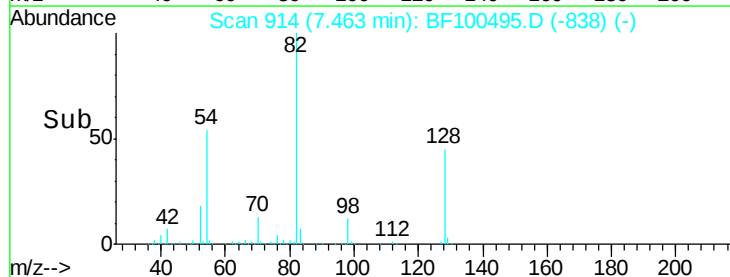
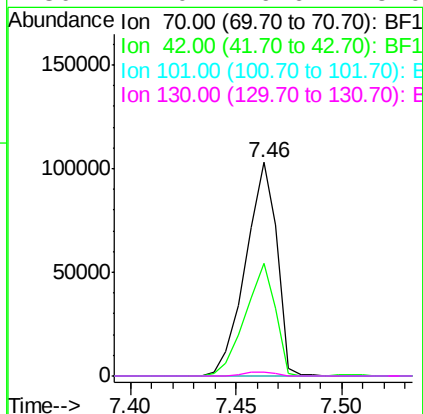
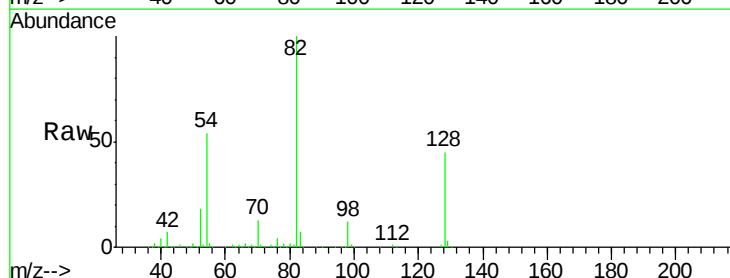
Ion Ratio Lower Upper

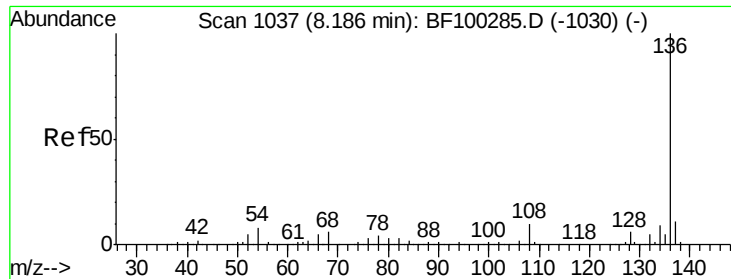
70 100

42 52.8 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

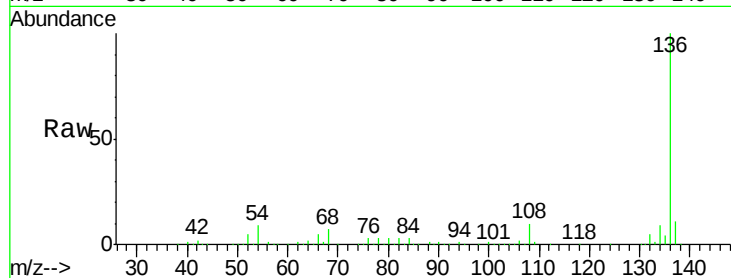




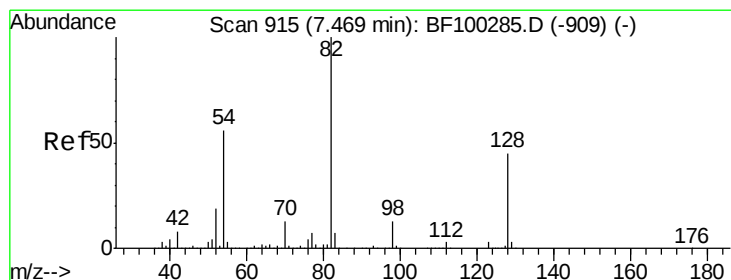
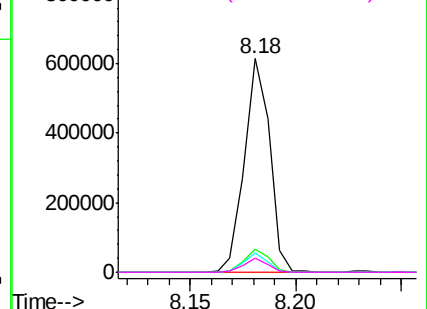
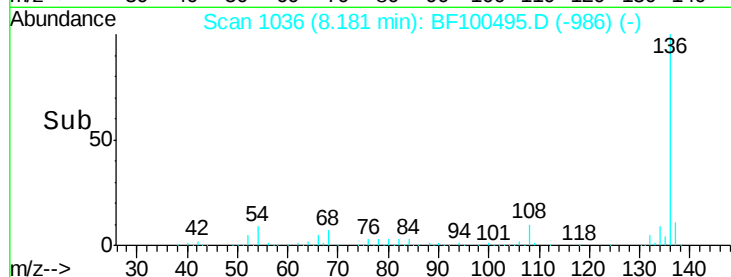
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100495.D
Acq: 12 Nov 2017 17:40

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

Tgt Ion:	136	Resp:	508934
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.2	6.6	9.8
68	6.5	5.0	7.4

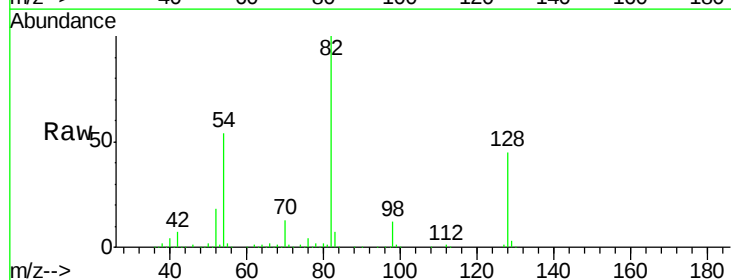


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

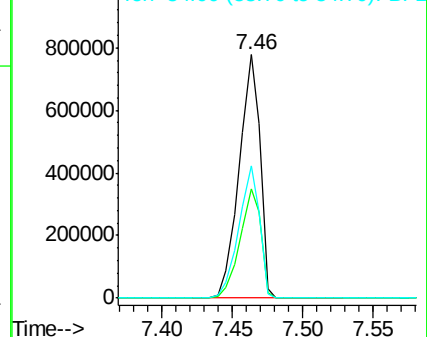
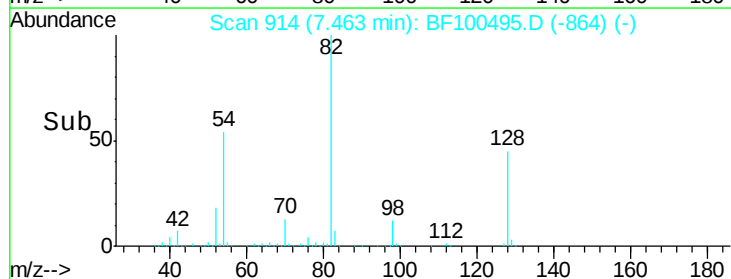


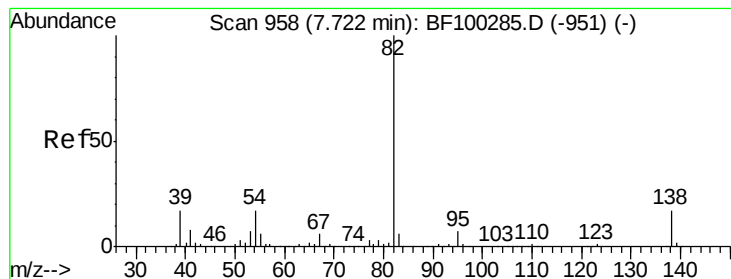
#23
Nitrobenzene-d5
Concen: 104.24 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF100495.D
Acq: 12 Nov 2017 17:40

Tgt Ion:	82	Resp:	802453
Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.1	54.1
54	54.5	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: 49.48 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.26 min

Lab File: BF100495.D

Acq: 12 Nov 2017 17:40

Instrument :

BNA_F

ClientSampleId :

110817-TIDO-F-U-S

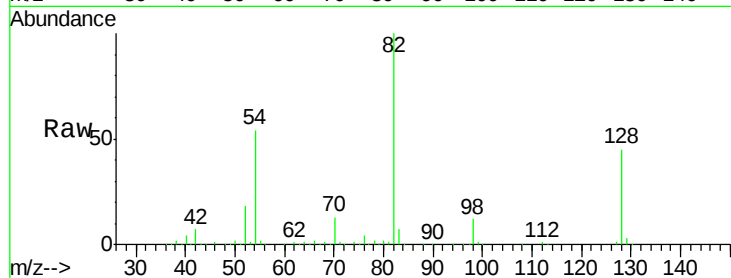
Tgt Ion: 82 Resp: 800385

Ion Ratio Lower Upper

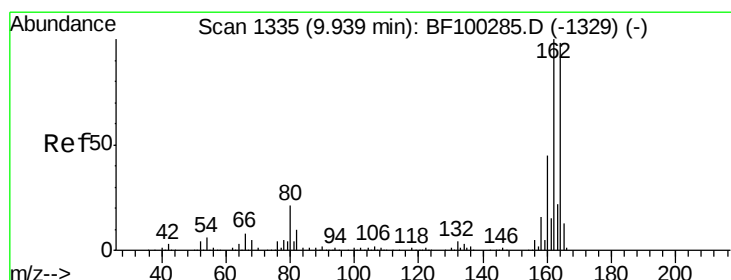
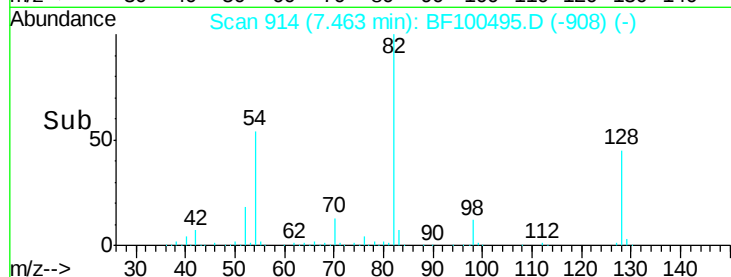
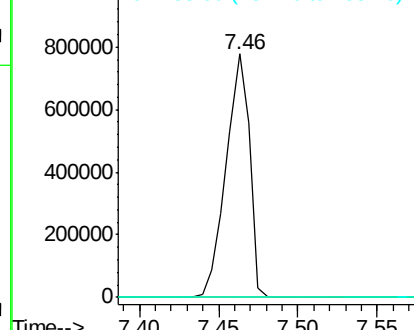
82 100

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: 20.00 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF100495.D

Acq: 12 Nov 2017 17:40

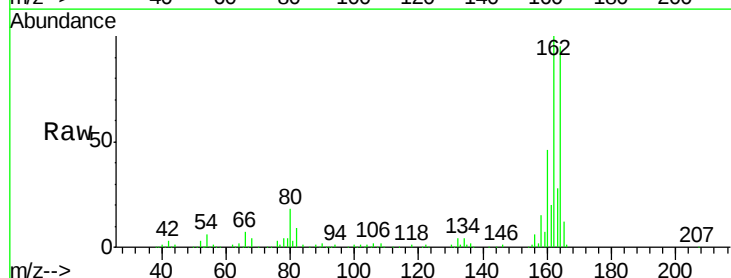
Tgt Ion: 164 Resp: 208237

Ion Ratio Lower Upper

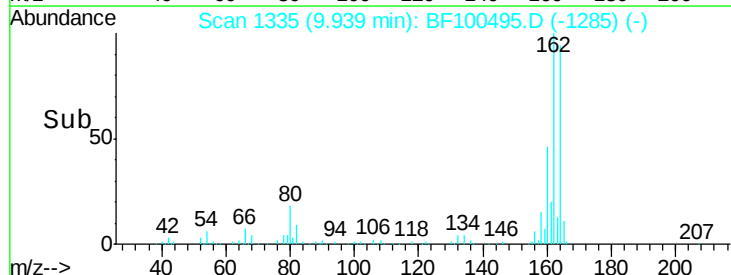
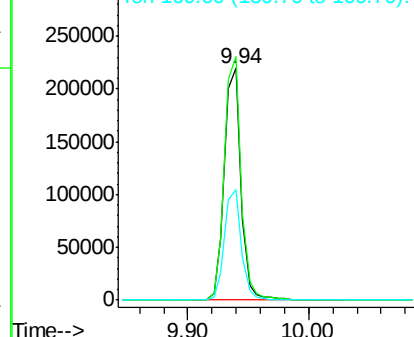
164 100

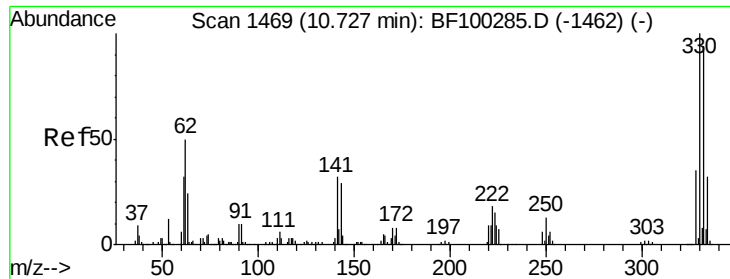
162 105.0 86.1 129.1

160 47.8 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

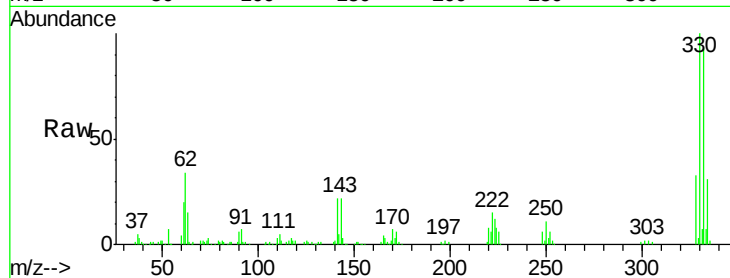




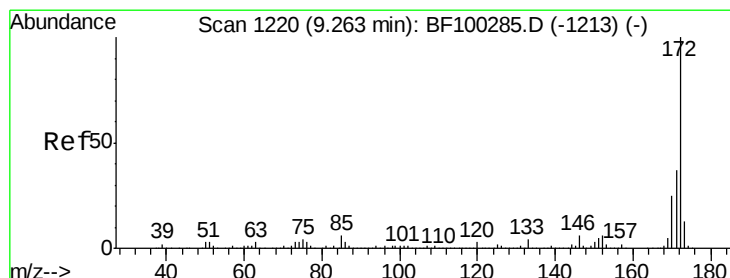
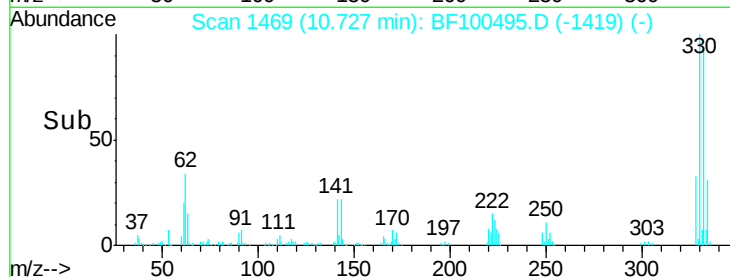
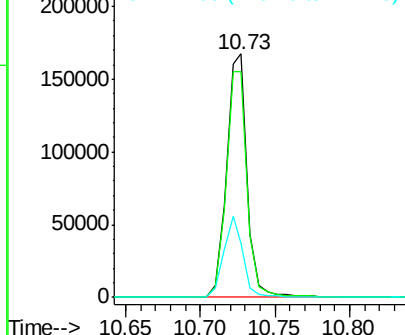
#41
 2,4,6-Tribromophenol
 Concen: 77.03 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: BF100495.D
 Acq: 12 Nov 2017 17:40

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

Tgt Ion:330 Resp: 163449
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.0 115.6
 141 31.1 29.9 44.9

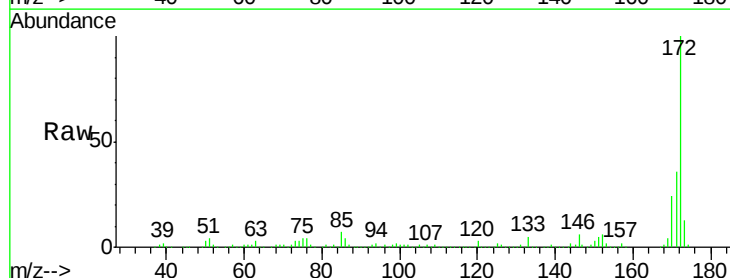


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

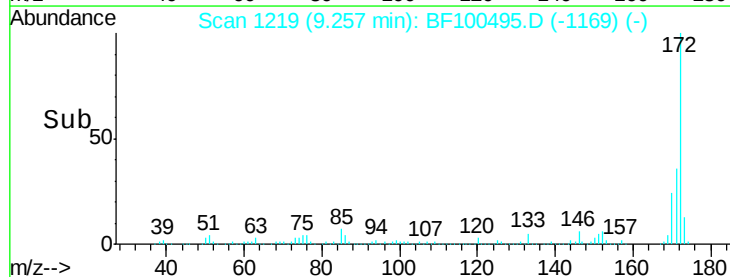
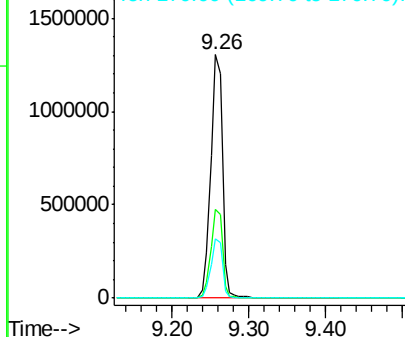


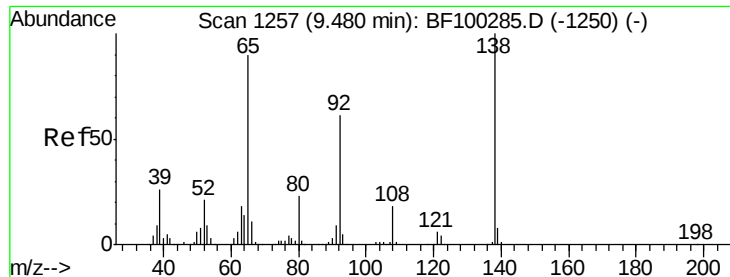
#44
 2-Fluorobiphenyl
 Concen: 99.41 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF100495.D
 Acq: 12 Nov 2017 17:40

Tgt Ion:172 Resp: 1359426
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.3 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

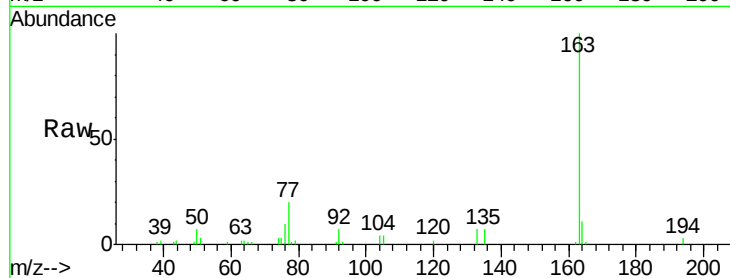




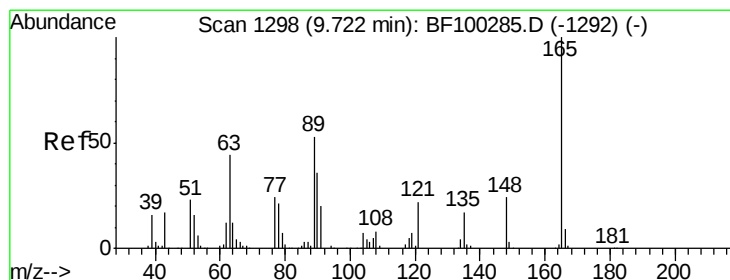
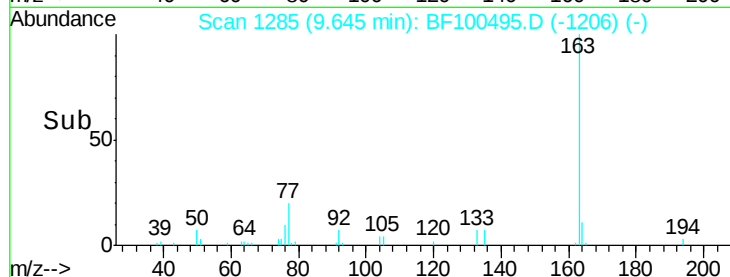
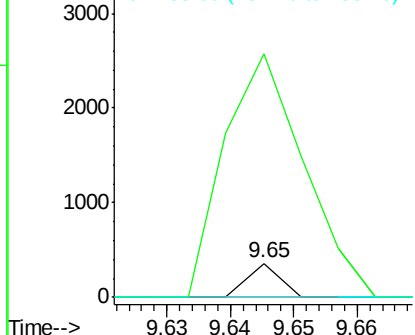
#47
 2-Nitroaniline
 Concen: 2.81 ng
 RT: 9.65 min Scan# 1285
 Delta R.T. 0.16 min
 Lab File: BF100495.D
 Acq: 12 Nov 2017 17:40

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

Tgt Ion: 65 Resp: 127
 Ion Ratio Lower Upper
 65 100
 92 716.7 55.8 83.6#
 138 0.0 91.2 136.8#

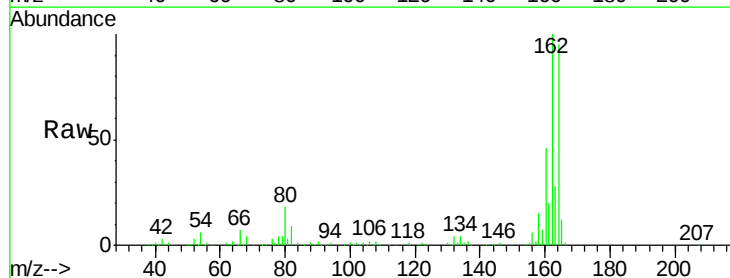


Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1

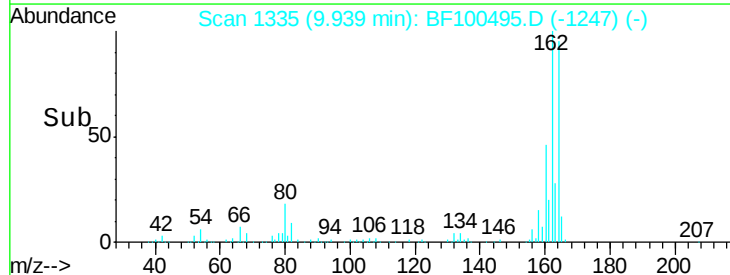
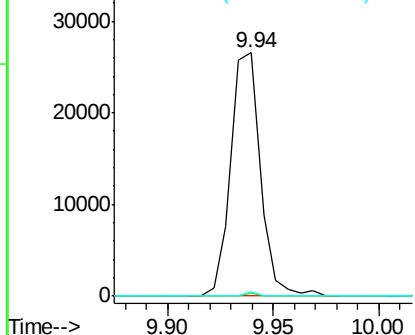


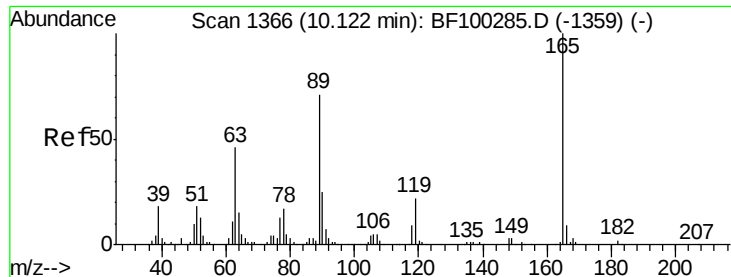
#50
 2,6-Dinitrotoluene
 Concen: 8.22 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.22 min
 Lab File: BF100495.D
 Acq: 12 Nov 2017 17:40

Tgt Ion: 165 Resp: 25872
 Ion Ratio Lower Upper
 165 100
 63 1.2 44.7 67.1#
 89 1.7 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

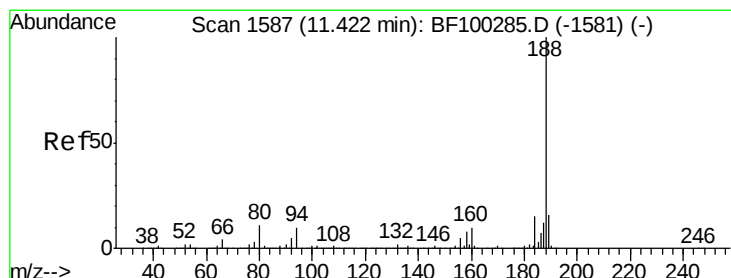
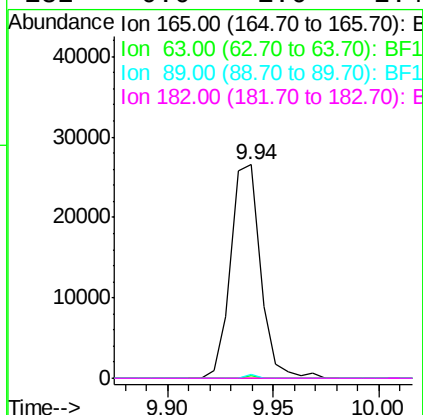
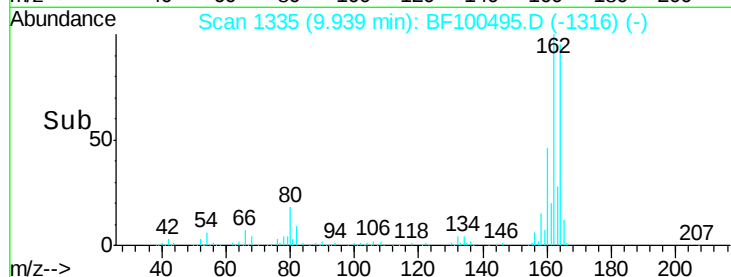
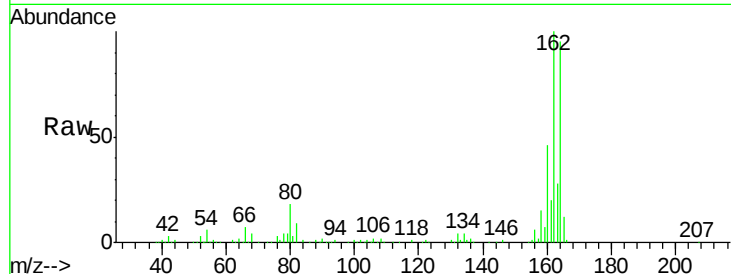




#56
 2,4-Dinitrotoluene
 Concen: 6.52 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.19 min
 Lab File: BF100495.D
 Acq: 12 Nov 2017 17:40

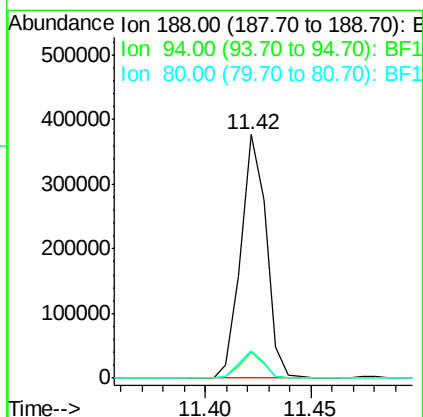
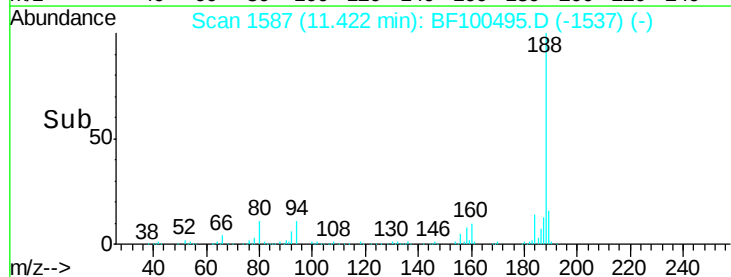
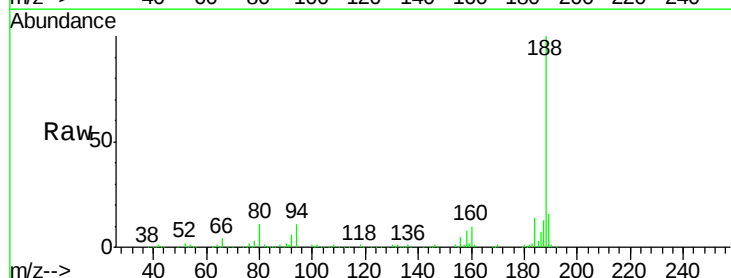
Instrument :
 BNA_F
 ClientSampleId :
 110817-TIDO-F-U-S

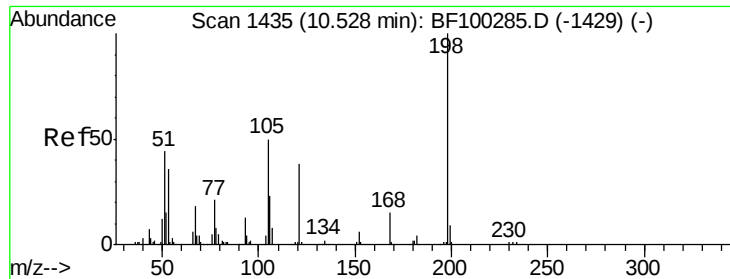
Tgt Ion:	165	Resp:	25872
Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BF100495.D
 Acq: 12 Nov 2017 17:40

Tgt Ion:	188	Resp:	313724
Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	11.5	9.2	13.8

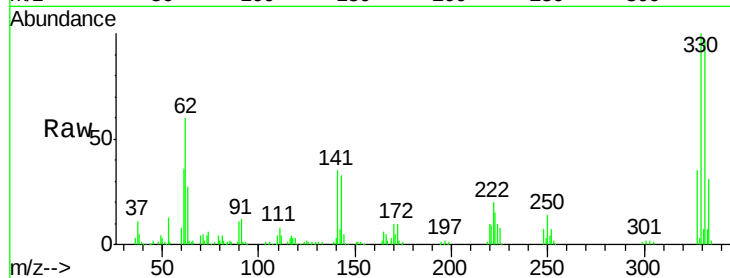




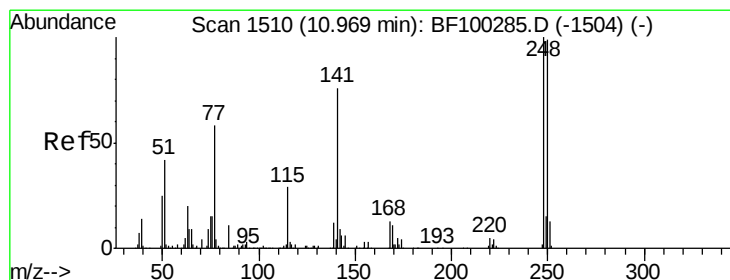
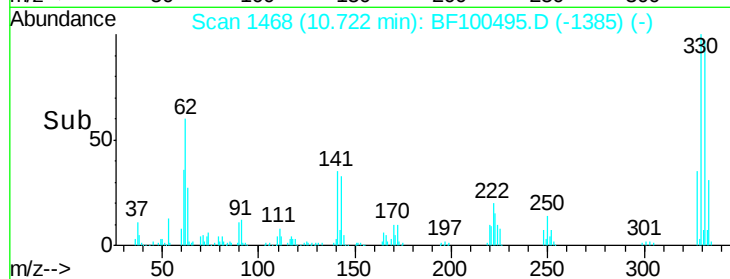
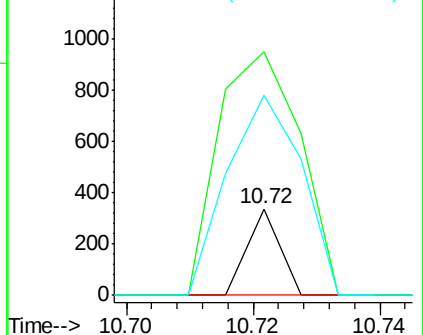
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.63 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. 0.19 min
 Lab File: BF100495.D
 Acq: 12 Nov 2017 17:40

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

Tgt Ion:198 Resp: 119
 Ion Ratio Lower Upper
 198 100
 51 282.1 37.7 77.7#
 105 231.8 36.3 76.3#

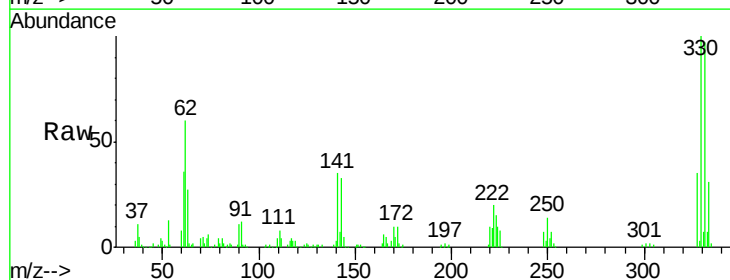


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

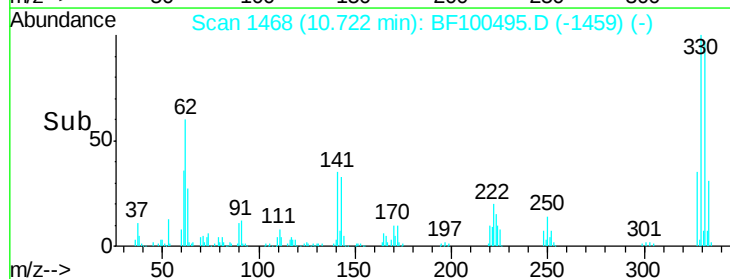
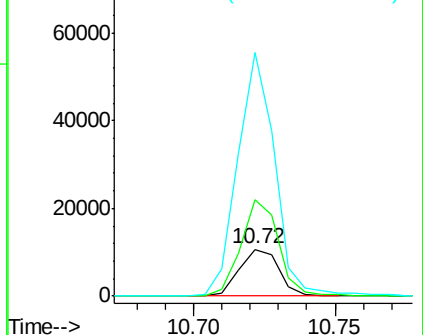


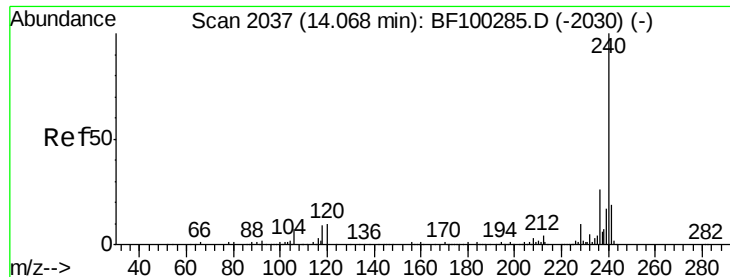
#66
 4-Bromophenyl-phenylether
 Concen: 3.07 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. -0.25 min
 Lab File: BF100495.D
 Acq: 12 Nov 2017 17:40

Tgt Ion:248 Resp: 10308
 Ion Ratio Lower Upper
 248 100
 250 205.7 76.9 115.3#
 141 521.4 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: BF100495.D

Acq: 12 Nov 2017 17:40

Instrument :

BNA_F

ClientSampleId :

110817-TIDO-F-U-S

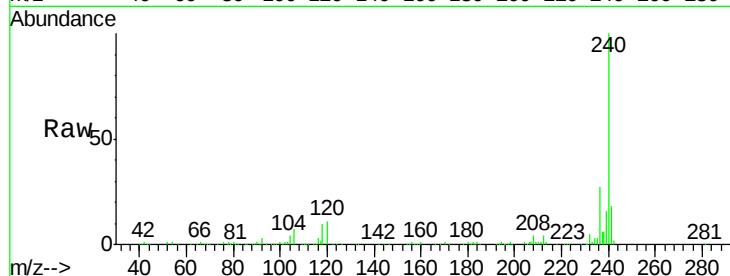
Tgt Ion:240 Resp: 273639

Ion Ratio Lower Upper

240 100

120 11.1 9.5 14.3

236 26.8 20.7 31.1

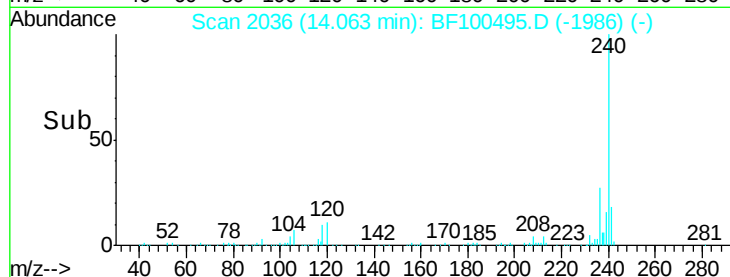


Abundance Ion 240.00 (239.70 to 240.70): E

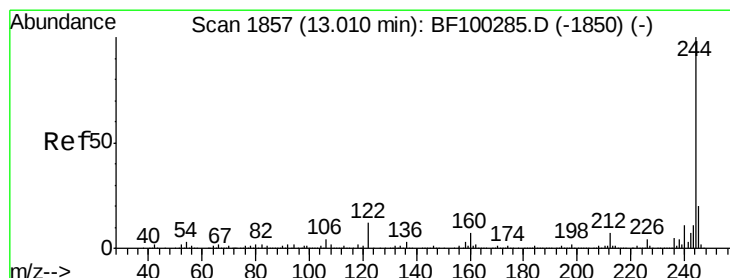
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

14.06



Time-->



#78

Terphenyl-d14

Concen: 74.18 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BF100495.D

Acq: 12 Nov 2017 17:40

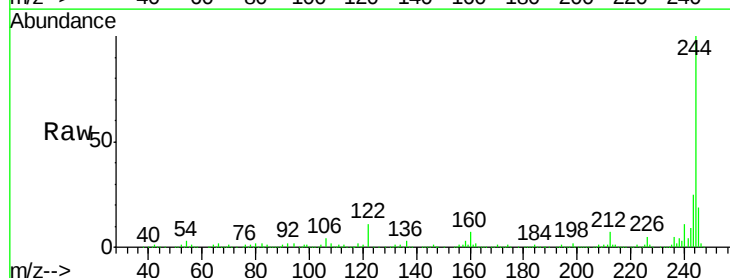
Tgt Ion:244 Resp: 883419

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

122 11.0 11.0 16.4

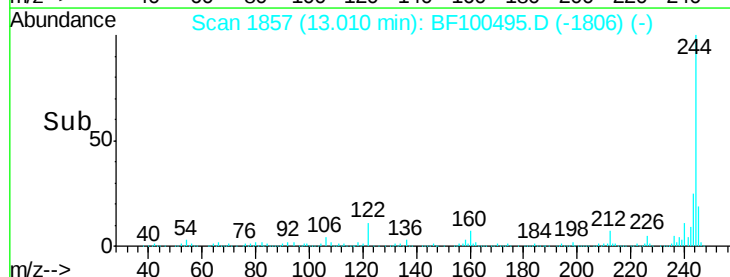


Abundance Ion 244.00 (243.70 to 244.70): E

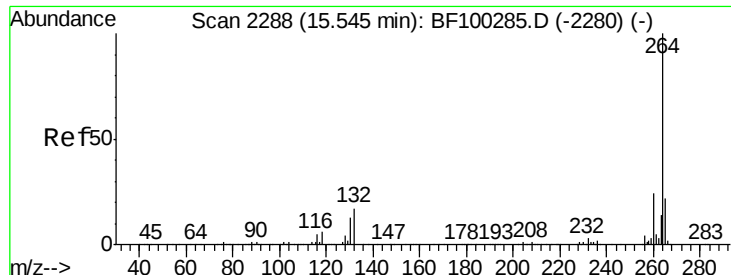
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

13.01



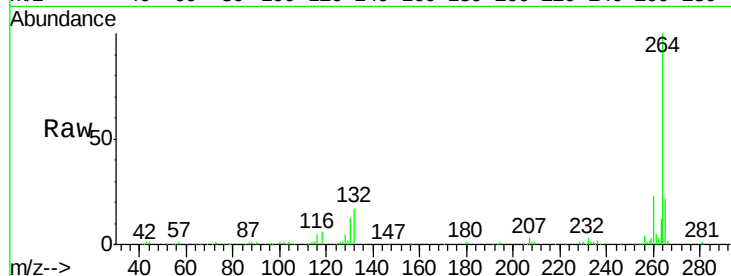
Time-->



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BF100495.D
Acq: 12 Nov 2017 17:40

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	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

