

Data File : BF100493.D
Acq On : 12 Nov 2017 16:46
Operator : SJ/JU
Sample : I6403-06
Misc :
ALS Vial : 62 Sample Multiplier: 1

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

Quant Time: Nov 13 06:21:23 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	138702	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	515850	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	218890	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	342296	20.00	ng	0.00
75) Chrysene-d12	14.06	240	289138	20.00	ng	0.00
86) Perylene-d12	15.54	264	201679	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	339361	39.22	ng	0.00
7) Phenol-d6	6.52	99	250777	23.50	ng	-0.01
23) Nitrobenzene-d5	7.46	82	767712	98.39	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	165223	74.07	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1334488	92.83	ng	0.00
78) Terphenyl-d14	13.01	244	918404	72.98	ng	0.00

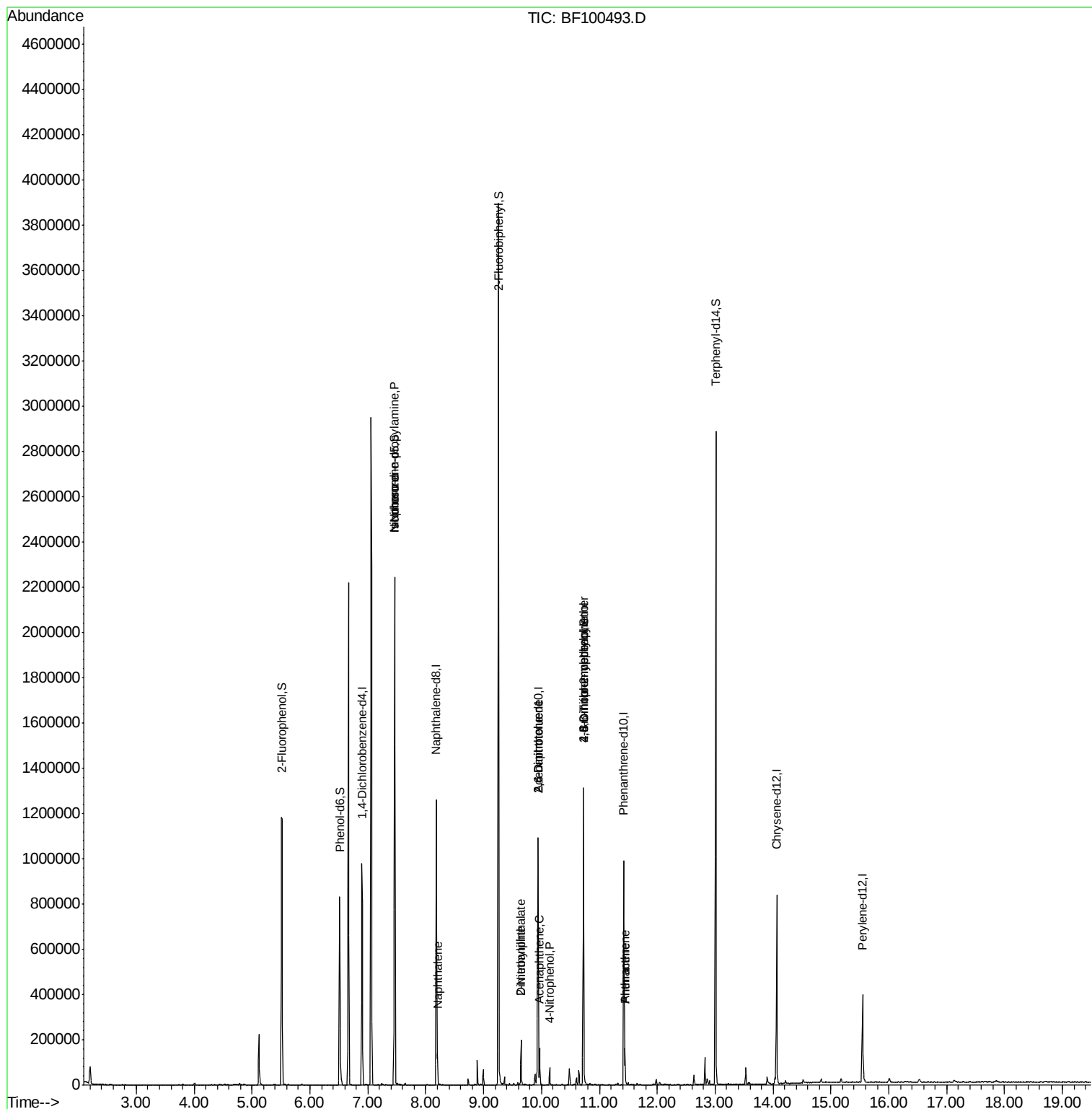
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.46	70	99961	13.51	ng	# 83
25) Isophorone	7.46	82	765767	46.70	ng	# 64
31) Naphthalene	8.20	128	55626	2.24	ng	97
47) 2-Nitroaniline	9.65	65	714	2.95	ng	# 1
49) Dimethylphthalate	9.65	163	77484	4.64	ng	99
50) 2,6-Dinitrotoluene	9.94	165	27902	8.43	ng	# 26
51) Acenaphthene	9.97	154	29337	2.12	ng	99
55) 4-Nitrophenol	10.14	139	10266	3.24	ng	# 9
56) 2,4-Dinitrotoluene	9.94	165	27902	6.69	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.72	198	172	8.65	ng	# 1
66) 4-Bromophenyl-phenylether	10.72	248	9859	2.69	ng	# 1
70) Phenanthrene	11.45	178	52907	2.94	ng	97
71) Anthracene	11.45	178	52907	2.89	ng	97

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

ALS Vial : 62 Sample Multiplier: 1

110817-TIDO-F-D-S

Response via : Initial Calibration

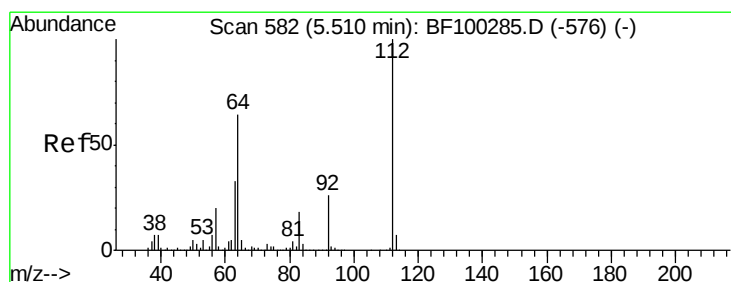
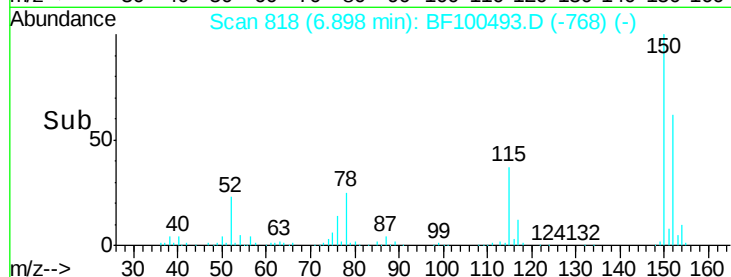
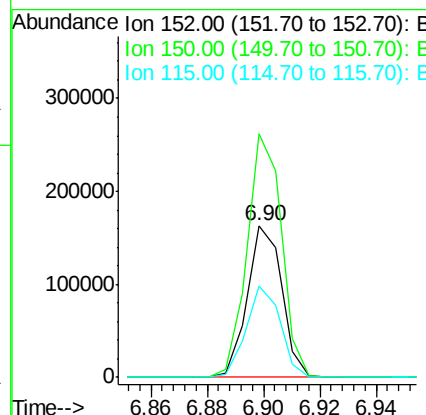
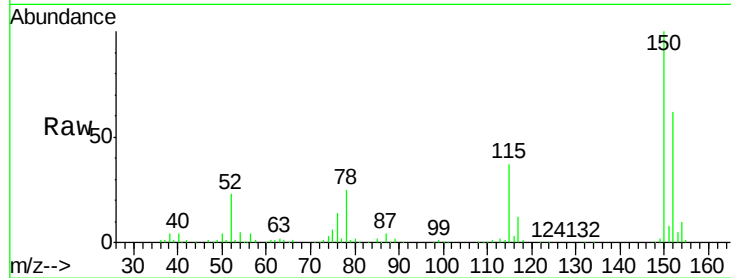




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF100493.D
 Acq: 12 Nov 2017 16:46

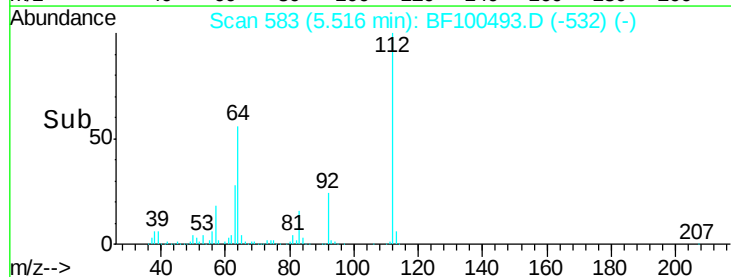
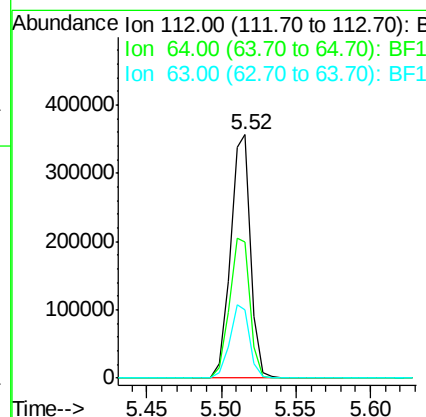
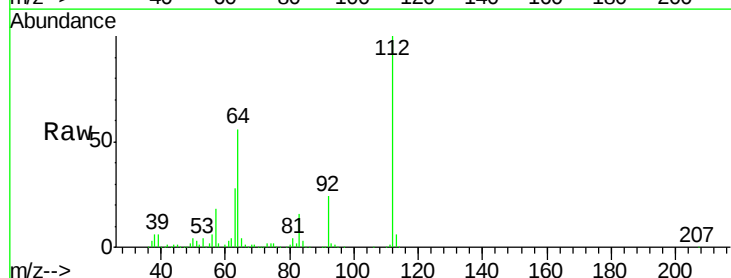
Instrument :
 BNA_F
 ClientSampleId :
 110817-TIDO-F-D-S

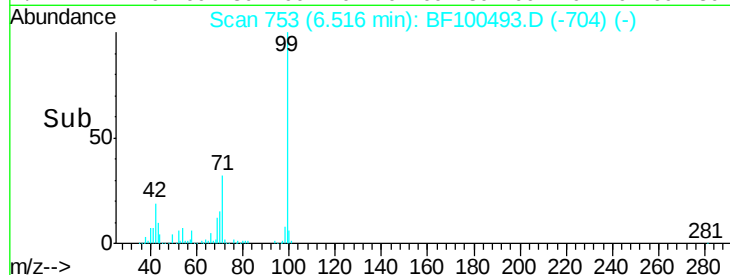
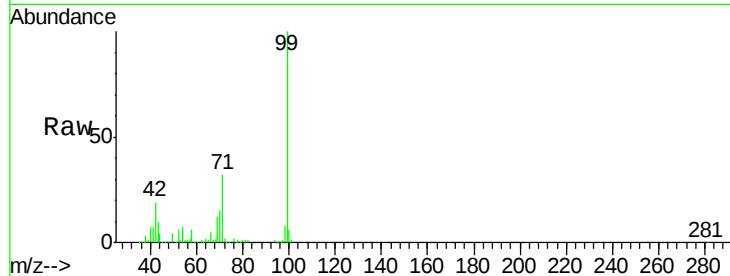
Tgt Ion:152 Resp: 138702
 Ion Ratio Lower Upper
 152 100
 150 160.4 124.6 186.8
 115 59.8 50.1 75.1



#5
 2-Fluorophenol
 Concen: 39.22 ng
 RT: 5.52 min Scan# 583
 Delta R.T. 0.00 min
 Lab File: BF100493.D
 Acq: 12 Nov 2017 16:46

Tgt Ion:112 Resp: 339361
 Ion Ratio Lower Upper
 112 100
 64 55.8 47.9 71.9
 63 27.9 23.7 35.5





#7

Phenol-d6

Concen: 23.50 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100493.D

Acq: 12 Nov 2017 16:46

Instrument :

BNA_F

ClientSampleId :

110817-TIDO-F-D-S

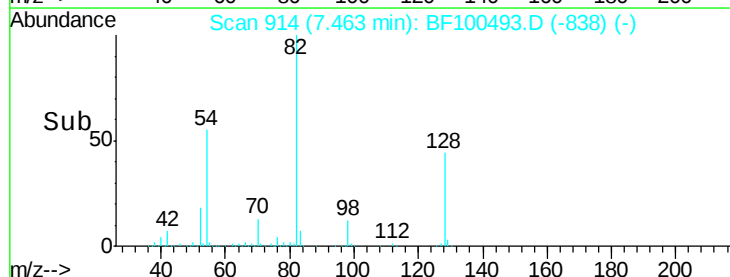
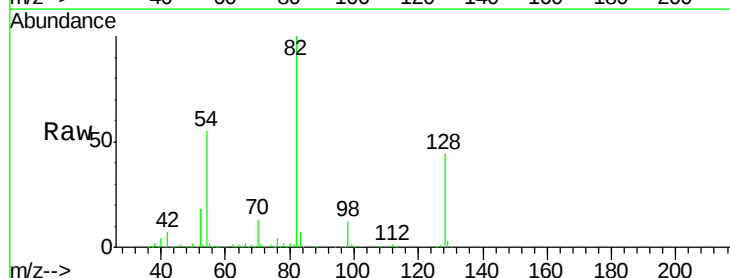
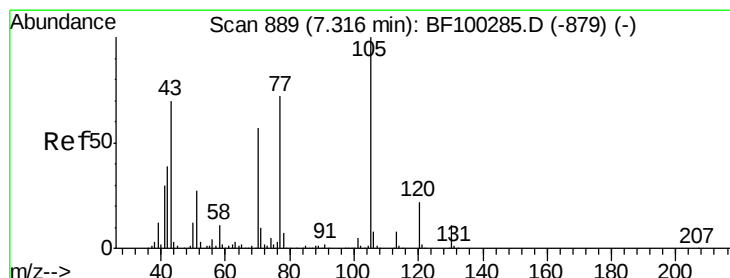
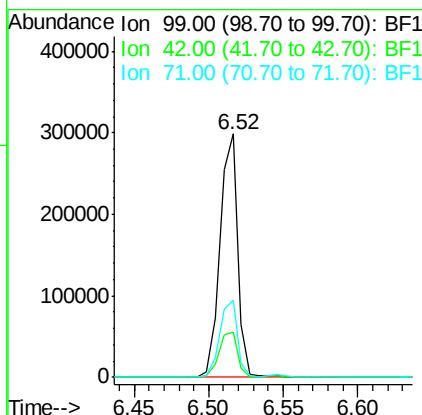
Tgt Ion: 99 Resp: 250777

Ion Ratio Lower Upper

99 100

42 18.7 14.5 21.7

71 31.7 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 13.51 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.15 min

Lab File: BF100493.D

Acq: 12 Nov 2017 16:46

Tgt Ion: 70 Resp: 99961

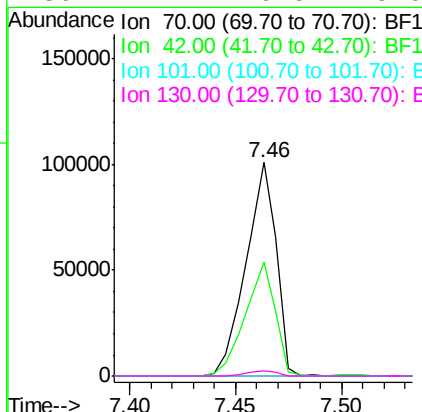
Ion Ratio Lower Upper

70 100

42 53.5 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

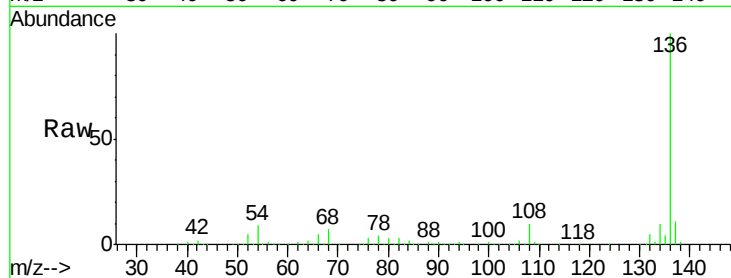




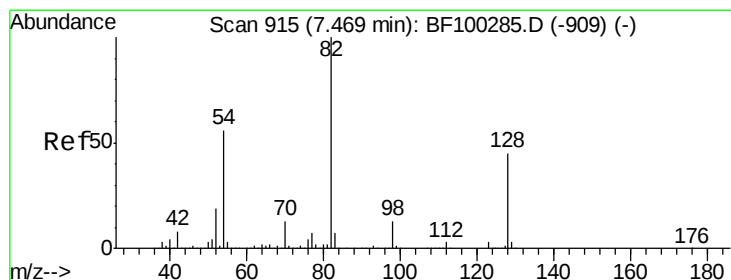
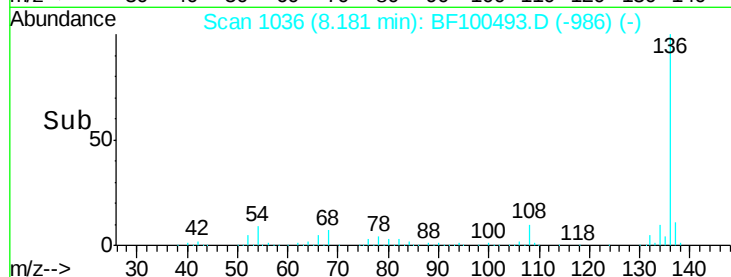
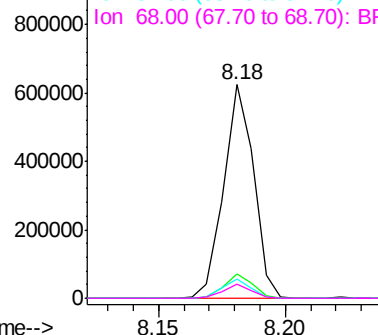
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100493.D
Acq: 12 Nov 2017 16:46

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

Tgt Ion:	136	Resp:	515850
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	9.3	6.6	9.8
68	6.5	5.0	7.4

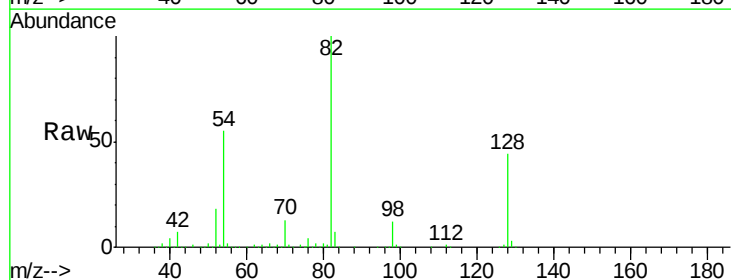


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

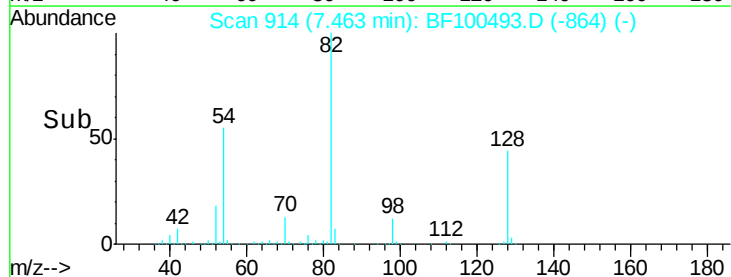
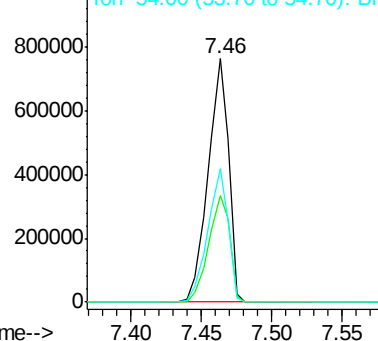


#23
Nitrobenzene-d5
Concen: 98.39 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF100493.D
Acq: 12 Nov 2017 16:46

Tgt Ion:	82	Resp:	767712
Ion	Ratio	Lower	Upper
82	100		
128	44.0	36.1	54.1
54	54.7	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

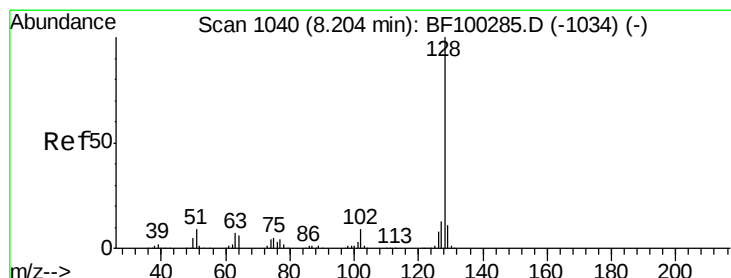
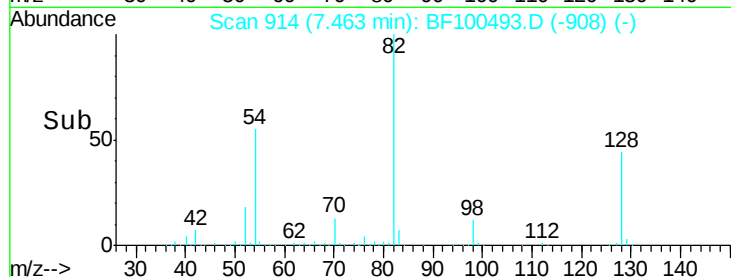
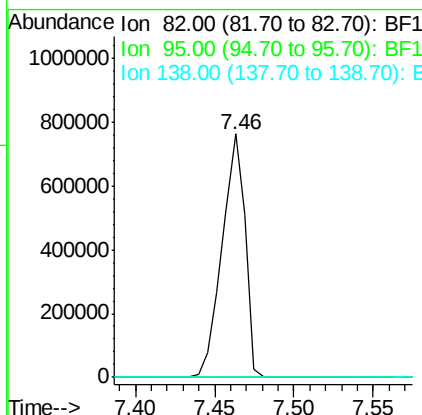
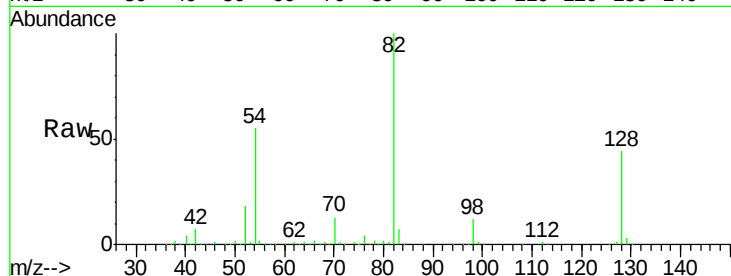




#25
Isophorone
Concen: 46.70 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.26 min
Lab File: BF100493.D
Acq: 12 Nov 2017 16:46

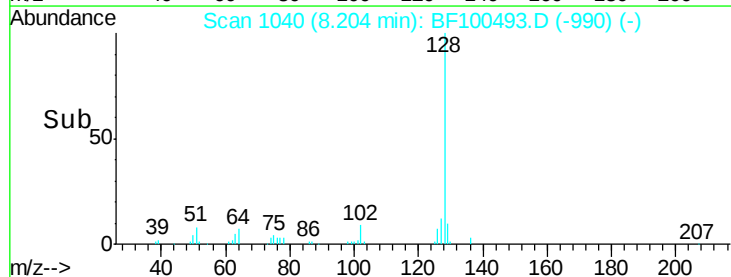
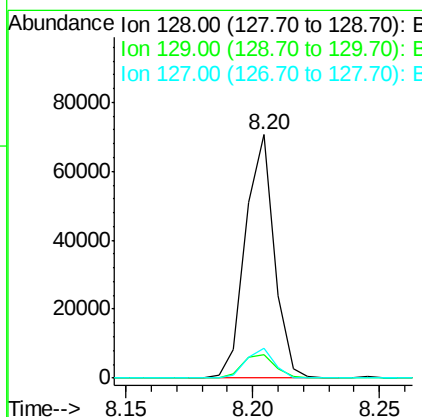
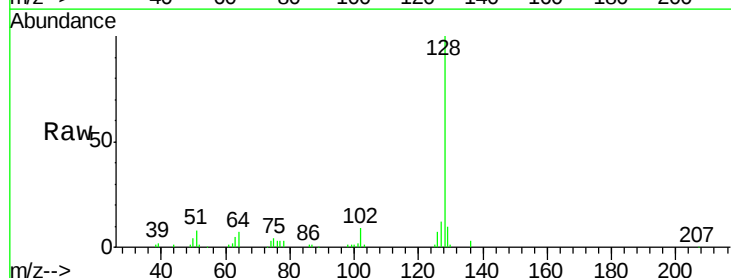
Instrument :
BNA_F
ClientSampleId :
110817-TIDO-F-D-S

Tgt Ion: 82 Resp: 765767
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#31
Naphthalene
Concen: 2.24 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF100493.D
Acq: 12 Nov 2017 16:46

Tgt Ion: 128 Resp: 55626
Ion Ratio Lower Upper
128 100
129 9.8 8.8 13.2
127 12.4 10.9 16.3

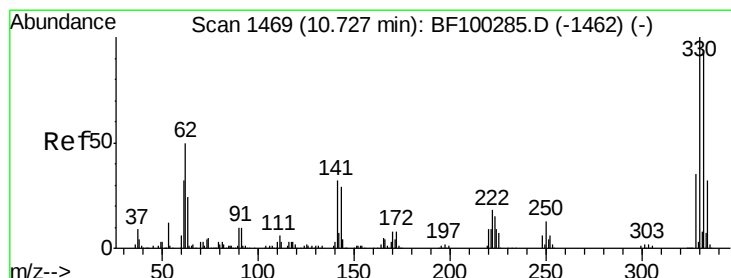
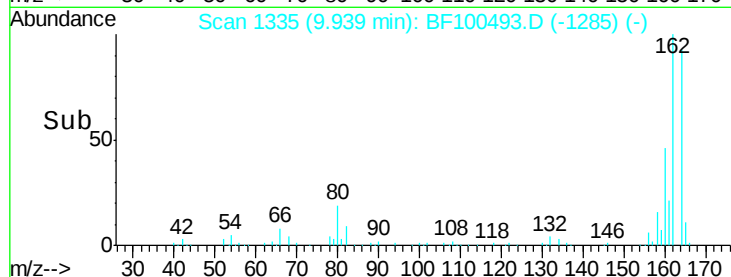
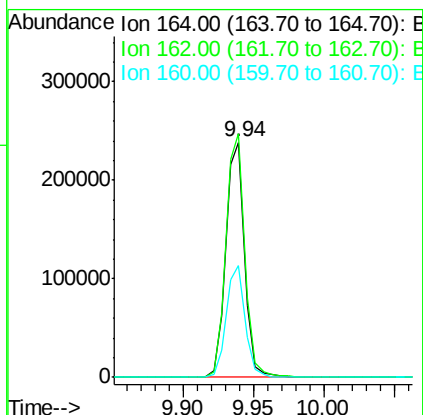
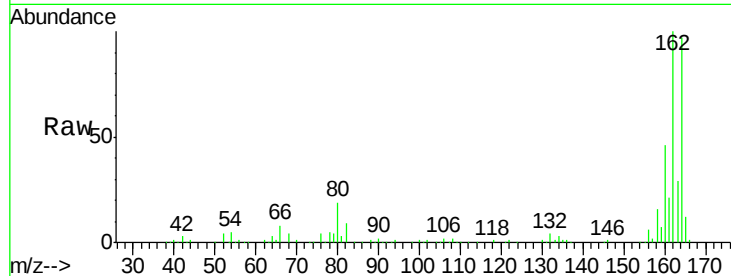




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.01 min
 Lab File: BF100493.D
 Acq: 12 Nov 2017 16:46

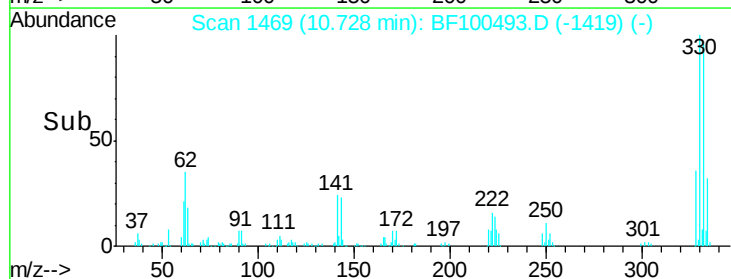
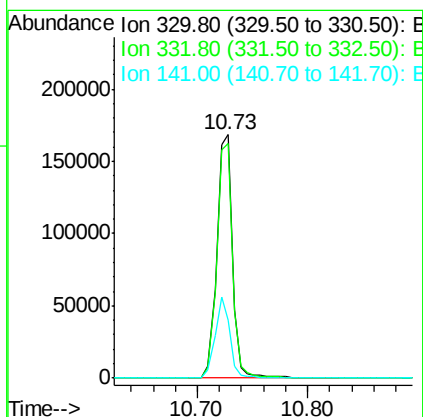
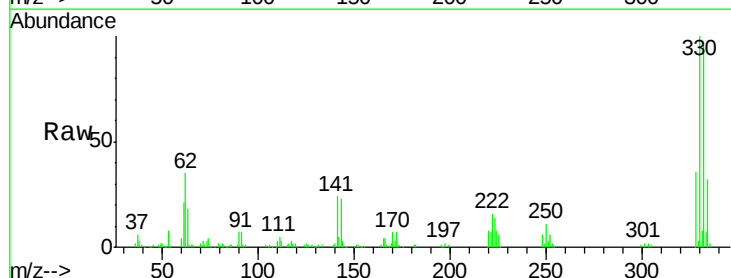
Instrument :
 BNA_F
 ClientSampleId :
 110817-TIDO-F-D-S

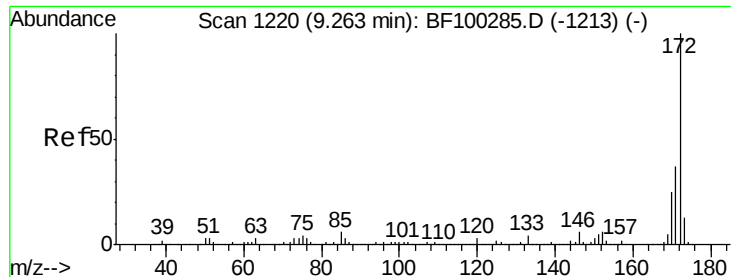
Tgt Ion:164 Resp: 218890
 Ion Ratio Lower Upper
 164 100
 162 103.6 86.1 129.1
 160 47.5 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 74.07 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: BF100493.D
 Acq: 12 Nov 2017 16:46

Tgt Ion:330 Resp: 165223
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.0 115.6
 141 30.8 29.9 44.9

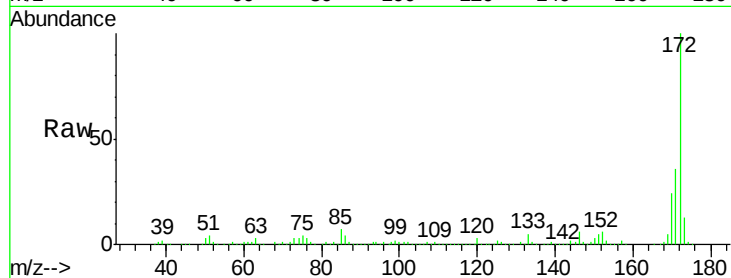




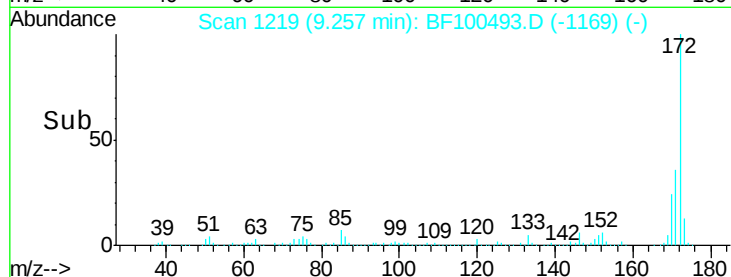
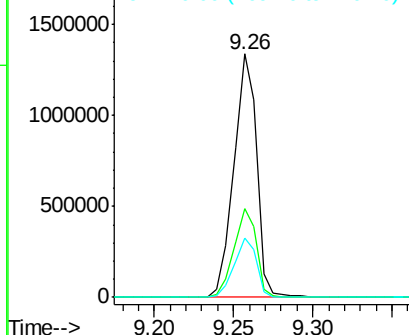
#44
2-Fluorobiphenyl
Concen: 92.83 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF100493.D
Acq: 12 Nov 2017 16:46

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

Tgt Ion:172 Resp: 1334488
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 24.2 19.6 29.4

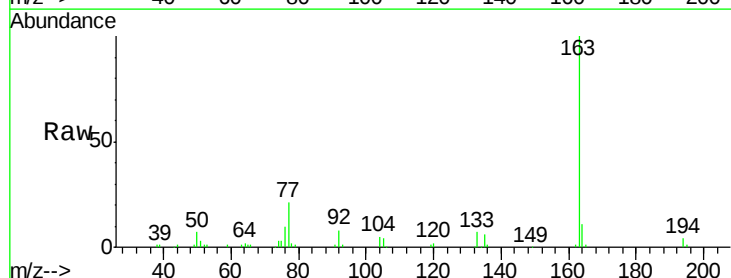


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

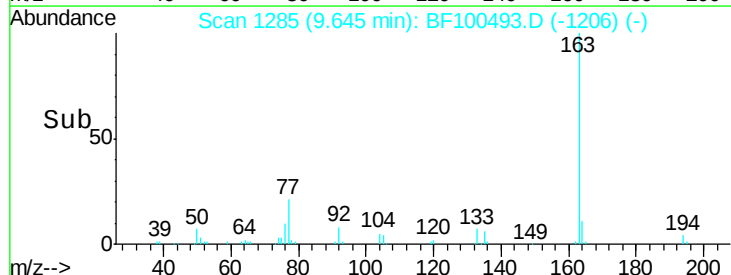
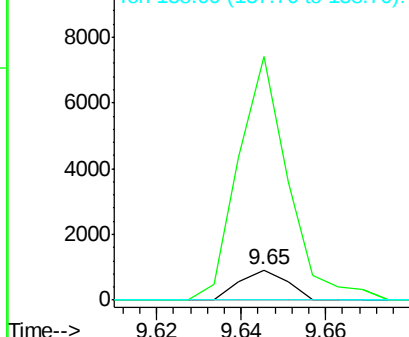


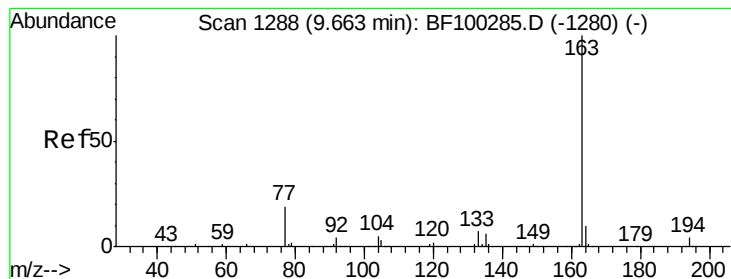
#47
2-Nitroaniline
Concen: 2.95 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.16 min
Lab File: BF100493.D
Acq: 12 Nov 2017 16:46

Tgt Ion: 65 Resp: 714
Ion Ratio Lower Upper
65 100
92 814.0 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: 4.64 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BF100493.D

Acq: 12 Nov 2017 16:46

Instrument :

BNA_F

ClientSampleId :

110817-TIDO-F-D-S

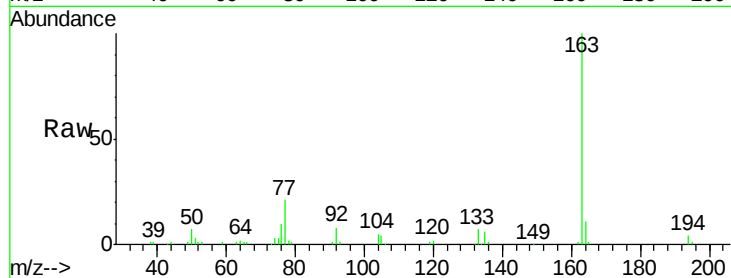
Tgt Ion:163 Resp: 77484

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

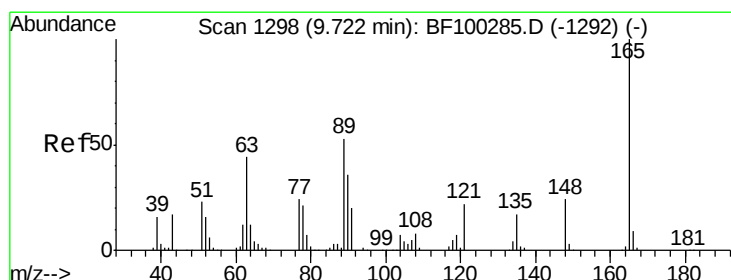
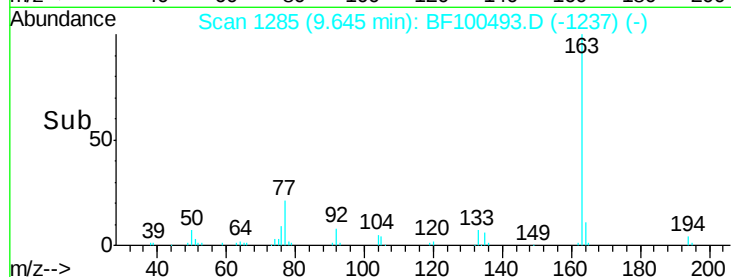
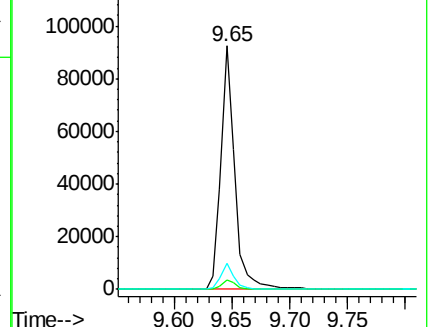
164 10.7 8.2 12.2



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: 8.43 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.22 min

Lab File: BF100493.D

Acq: 12 Nov 2017 16:46

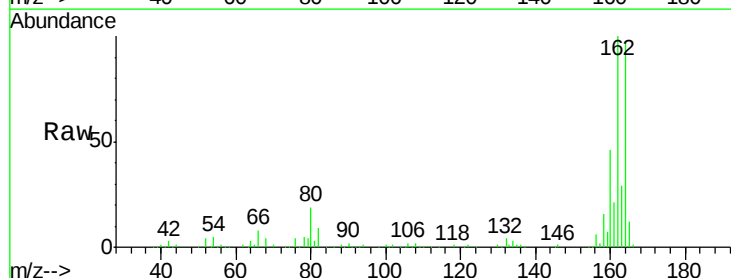
Tgt Ion:165 Resp: 27902

Ion Ratio Lower Upper

165 100

63 1.4 44.7 67.1#

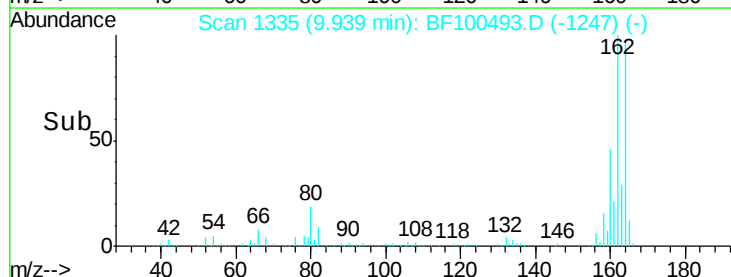
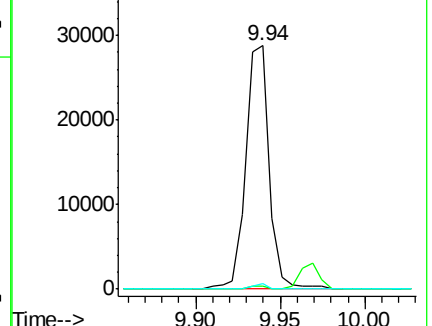
89 2.4 44.0 66.0#

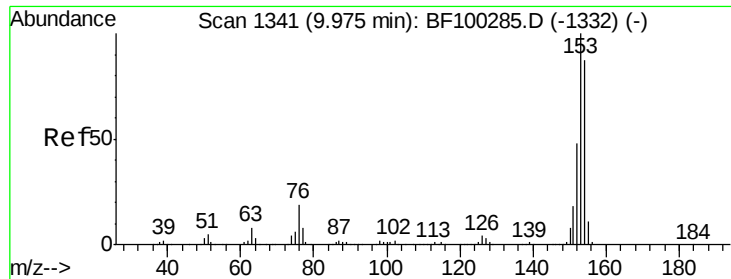


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 2.12 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF100493.D

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Instrument :

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110817-TIDO-F-D-S

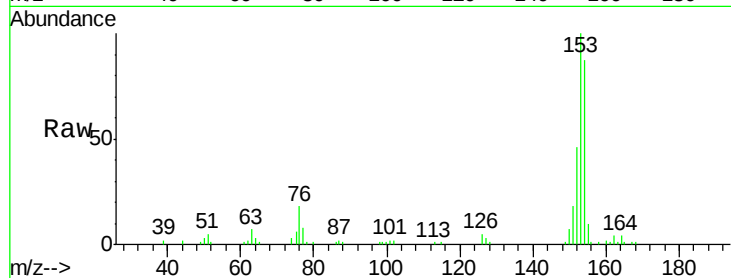
Tgt Ion:154 Resp: 29337

Ion Ratio Lower Upper

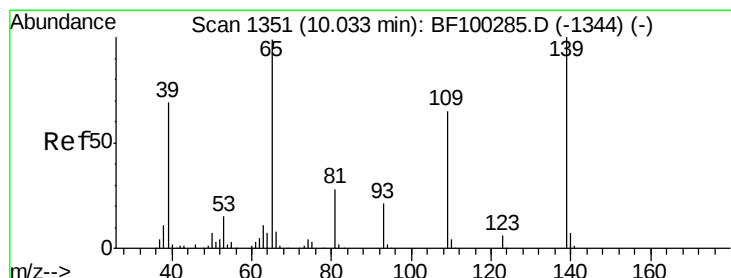
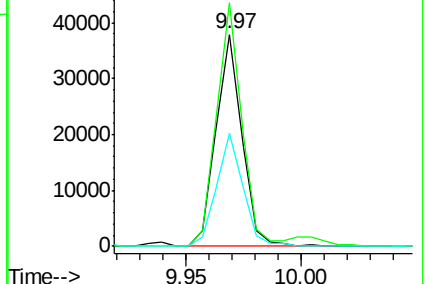
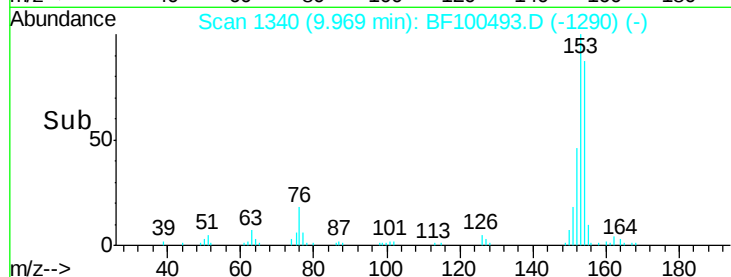
154 100

153 114.9 91.2 136.8

152 53.3 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#55

4-Nitrophenol

Concen: 3.24 ng

RT: 10.14 min Scan# 1369

Delta R.T. 0.10 min

Lab File: BF100493.D

Acq: 12 Nov 2017 16:46

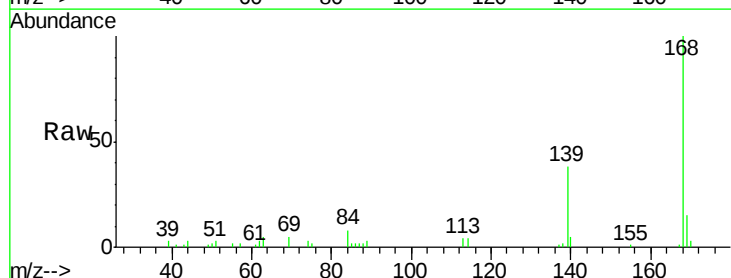
Tgt Ion:139 Resp: 10266

Ion Ratio Lower Upper

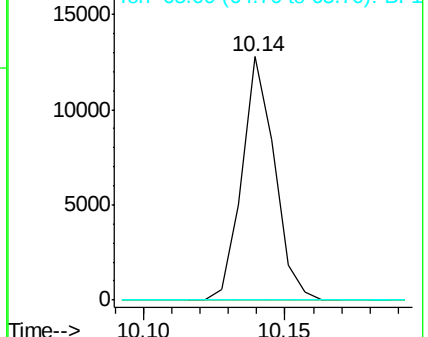
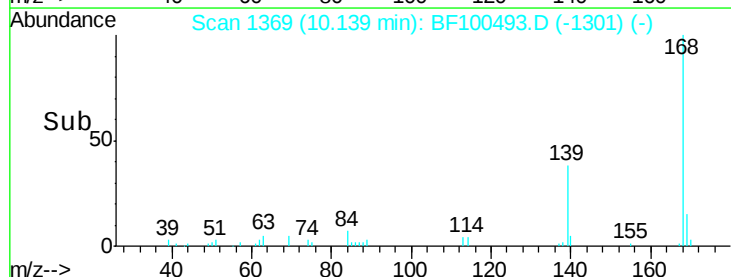
139 100

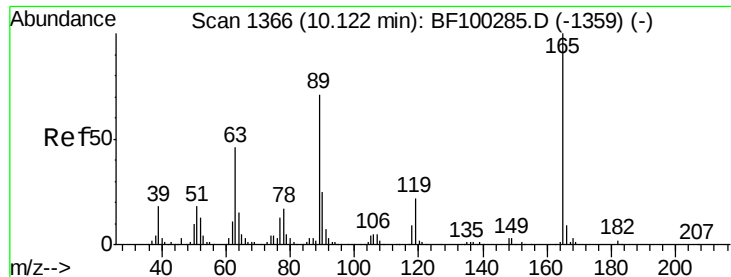
109 0.0 48.4 88.4#

65 0.0 72.6 112.6#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

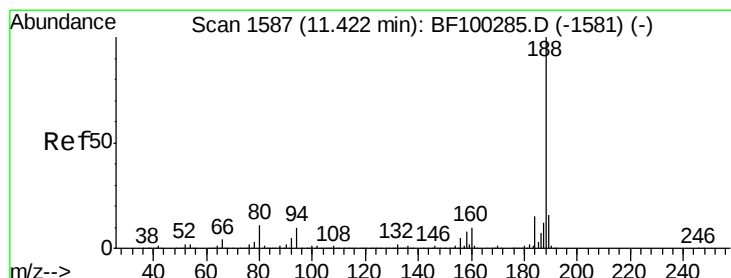
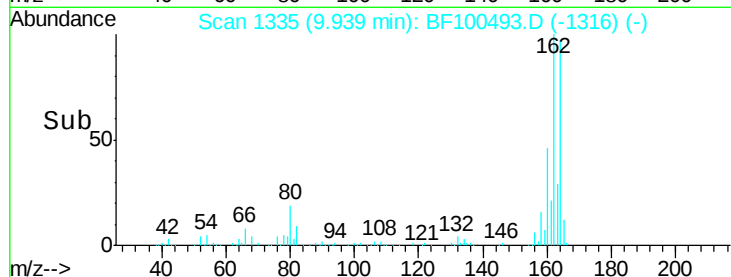
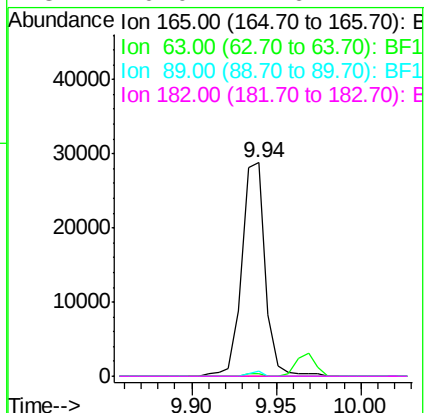
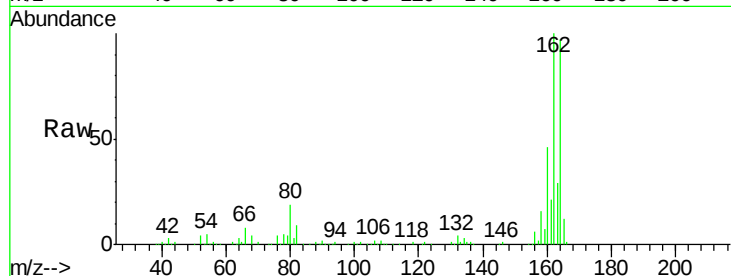




#56
 2,4-Dinitrotoluene
 Concen: 6.69 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.19 min
 Lab File: BF100493.D
 Acq: 12 Nov 2017 16:46

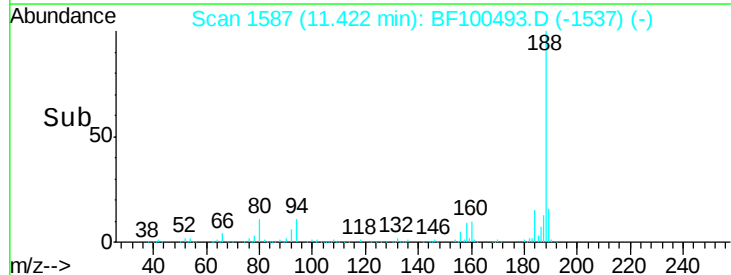
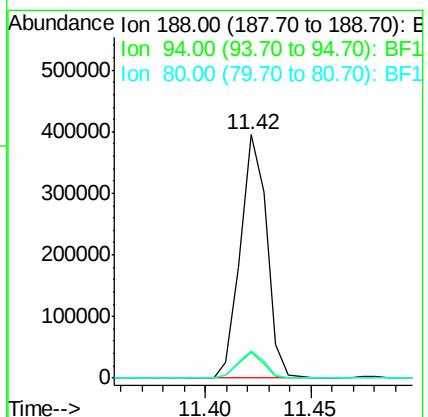
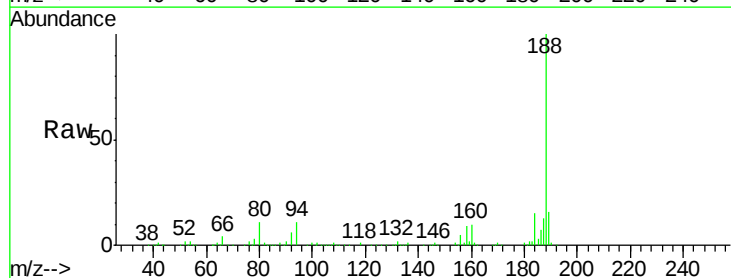
Instrument :
 BNA_F
 ClientSampleId :
 110817-TIDO-F-D-S

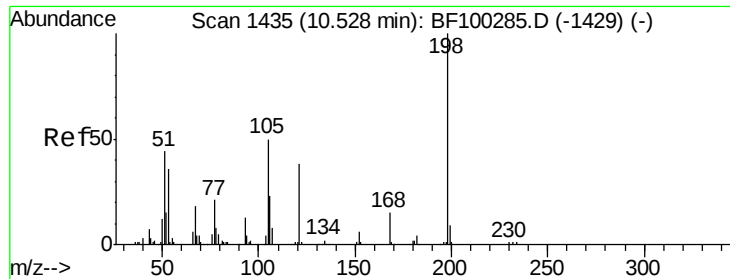
Tgt Ion:	165	Resp:	27902
Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	2.4	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BF100493.D
 Acq: 12 Nov 2017 16:46

Tgt Ion:	188	Resp:	342296
Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.5	12.7
80	11.4	9.2	13.8

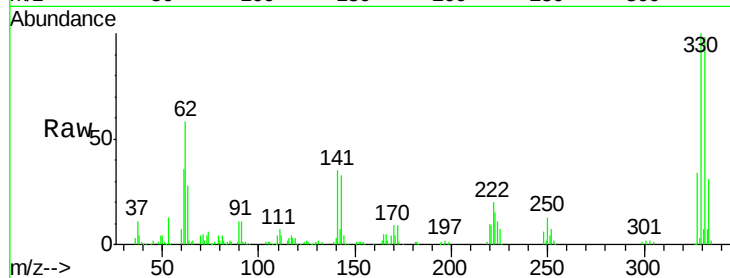




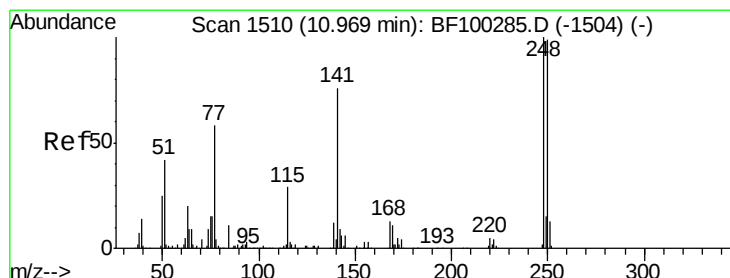
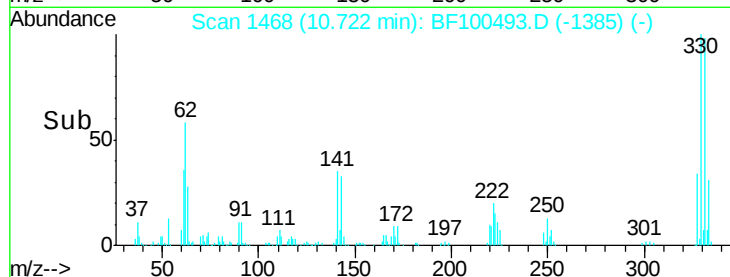
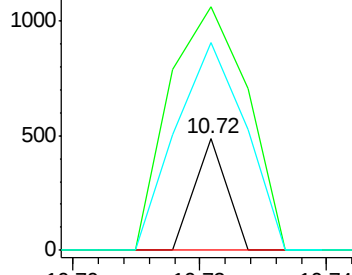
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.65 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. 0.19 min
 Lab File: BF100493.D
 Acq: 12 Nov 2017 16:46

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

Tgt Ion:198 Resp: 172
 Ion Ratio Lower Upper
 198 100
 51 218.1 37.7 77.7#
 105 186.7 36.3 76.3#

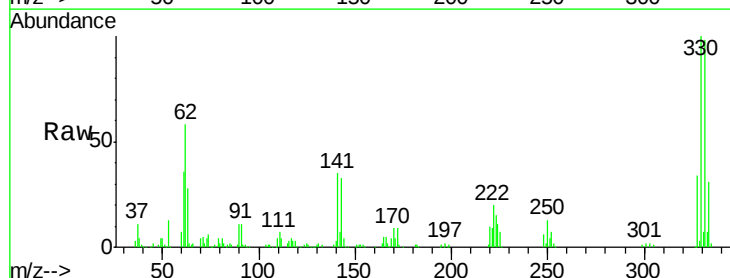


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

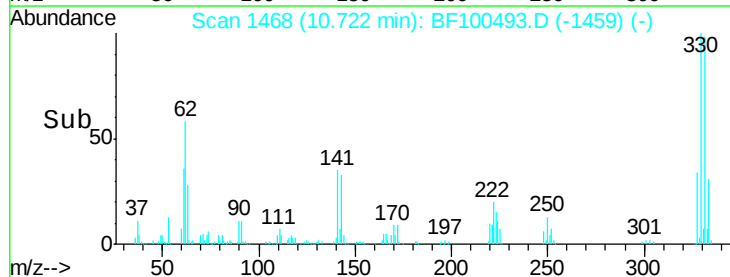
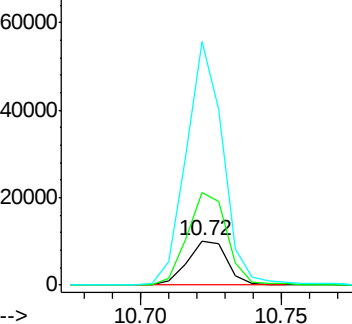


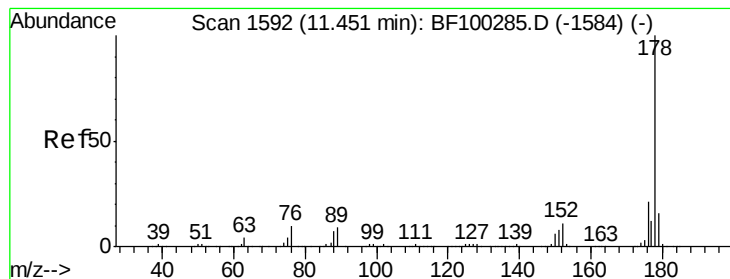
#66
 4-Bromophenyl-phenylether
 Concen: 2.69 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. -0.25 min
 Lab File: BF100493.D
 Acq: 12 Nov 2017 16:46

Tgt Ion:248 Resp: 9859
 Ion Ratio Lower Upper
 248 100
 250 208.4 76.9 115.3#
 141 547.2 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





#70

Phenanthrene

Concen: 2.94 ng

RT: 11.45 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BF100493.D

Acq: 12 Nov 2017 16:46

Instrument :

BNA_F

ClientSampleId :

110817-TIDO-F-D-S

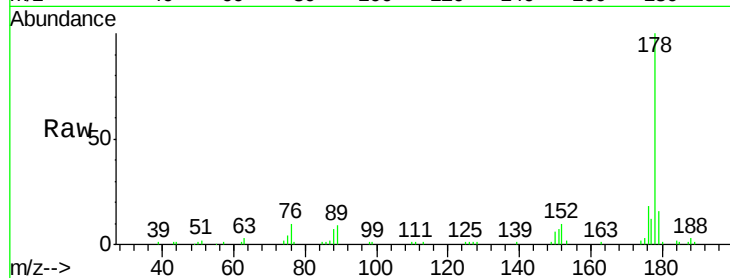
Tgt Ion:178 Resp: 52907

Ion Ratio Lower Upper

178 100

176 17.6 15.8 23.8

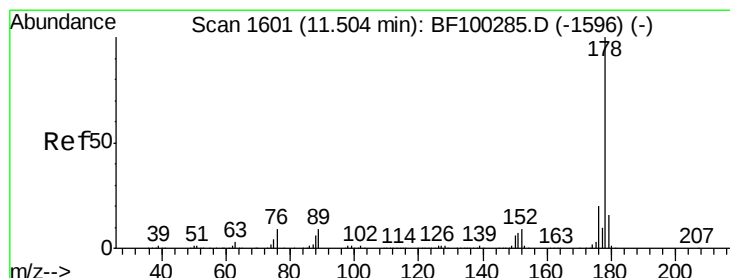
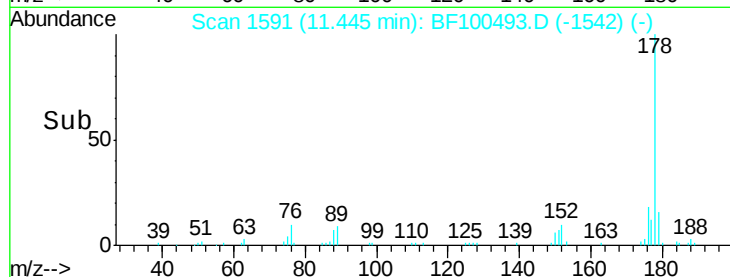
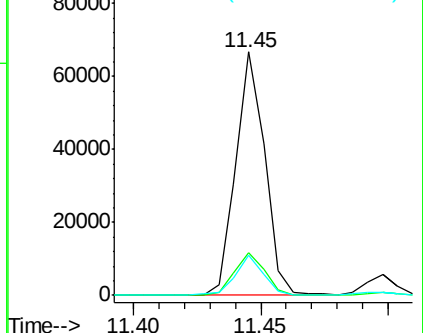
179 16.4 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 2.89 ng

RT: 11.45 min Scan# 1591

Delta R.T. -0.06 min

Lab File: BF100493.D

Acq: 12 Nov 2017 16:46

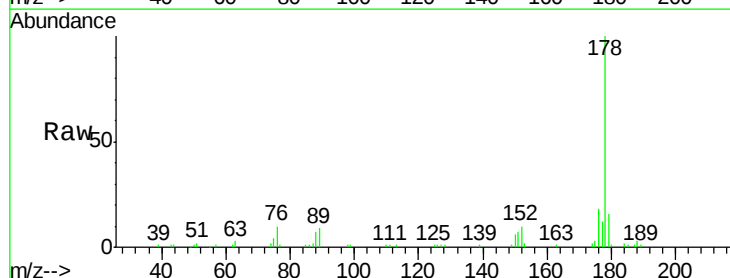
Tgt Ion:178 Resp: 52907

Ion Ratio Lower Upper

178 100

176 17.6 15.4 23.2

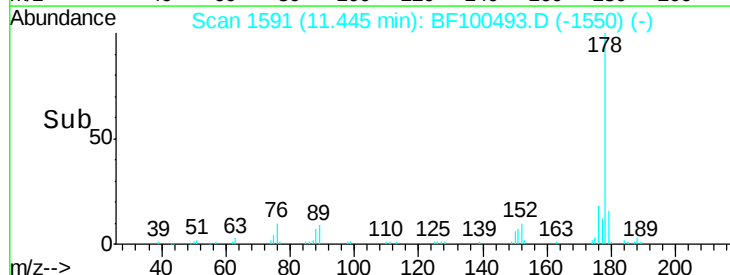
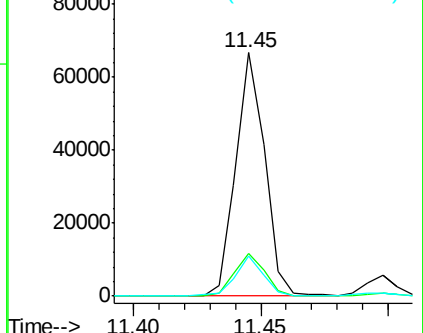
179 16.4 12.6 19.0

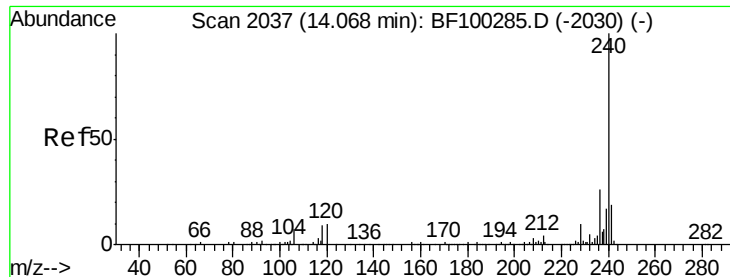


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF100493.D

Acq: 12 Nov 2017 16:46

Instrument :

BNA_F

ClientSampleId :

110817-TIDO-F-D-S

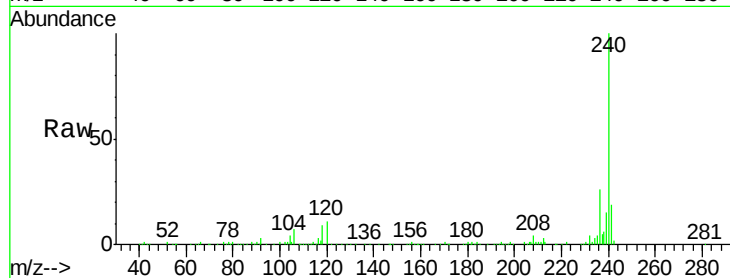
Tgt Ion:240 Resp: 289138

Ion Ratio Lower Upper

240 100

120 11.0 9.5 14.3

236 25.7 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

300000

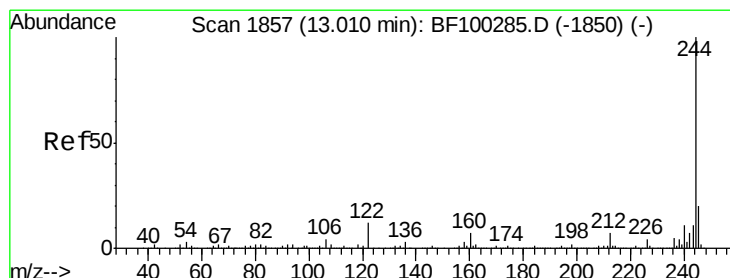
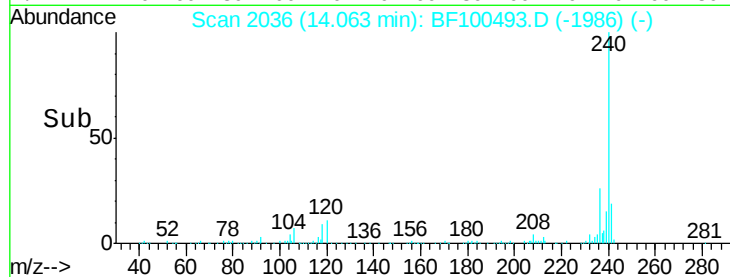
200000

100000

0

14.00 14.10

Time-->



#78

Terphenyl-d14

Concen: 72.98 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BF100493.D

Acq: 12 Nov 2017 16:46

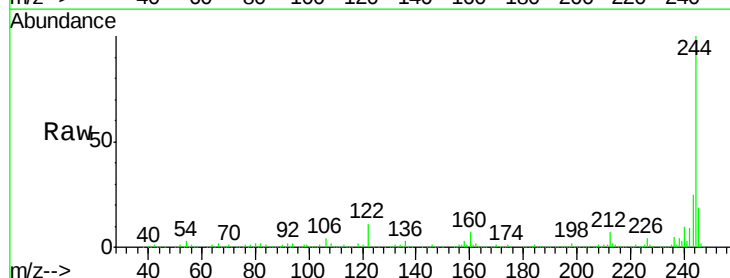
Tgt Ion:244 Resp: 918404

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

122 11.3 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

1200000

1000000

800000

600000

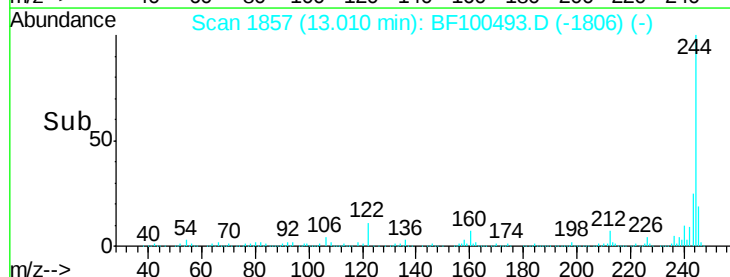
400000

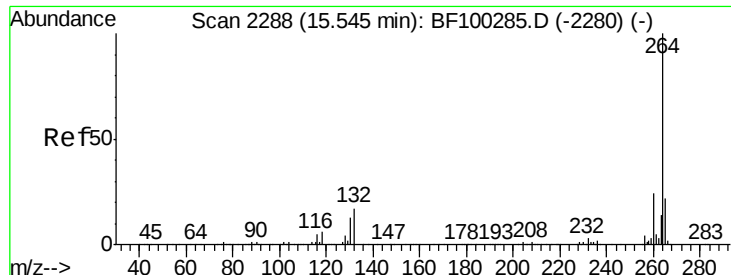
200000

0

13.00 13.10

Time-->

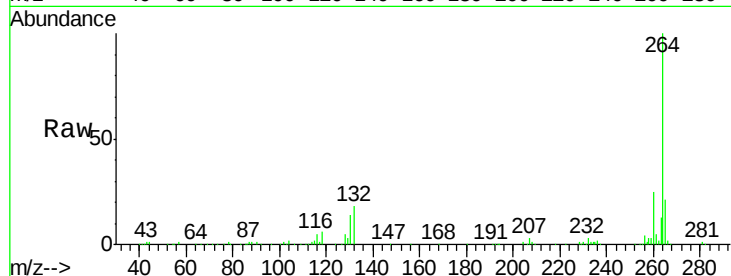




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.00 min
Lab File: BF100493.D
Acq: 12 Nov 2017 16:46

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.3	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

