

Data File : BF100658.D
Acq On : 17 Nov 2017 4:33
Operator : SJ/JU
Sample : I6491-03
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
111317-TIDO-E-U-B

Quant Time: Nov 17 05:53:16 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 16 12:15:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	109624	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	417990	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	182527	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	301592	20.00	ng	0.00
75) Chrysene-d12	14.04	240	223201	20.00	ng	0.00
86) Perylene-d12	15.52	264	223483	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	258804	37.84	ng	0.00
7) Phenol-d6	6.50	99	189716	22.50	ng	-0.01
23) Nitrobenzene-d5	7.45	82	639598	101.17	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	146043	78.52	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1177265	98.21	ng	0.00
78) Terphenyl-d14	12.99	244	783441	80.65	ng	0.00

Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.45	70	82016	14.02	ng	# 80
25) Isophorone	7.45	82	639410	48.13	ng	# 64
47) 2-Nitroaniline	9.24	65	1566	3.22	ng	# 1
50) 2,6-Dinitrotoluene	9.92	165	23476	8.51	ng	# 25
56) 2,4-Dinitrotoluene	9.92	165	23476	6.75	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.70	198	123	8.64	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	8874	2.74	ng	# 1

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

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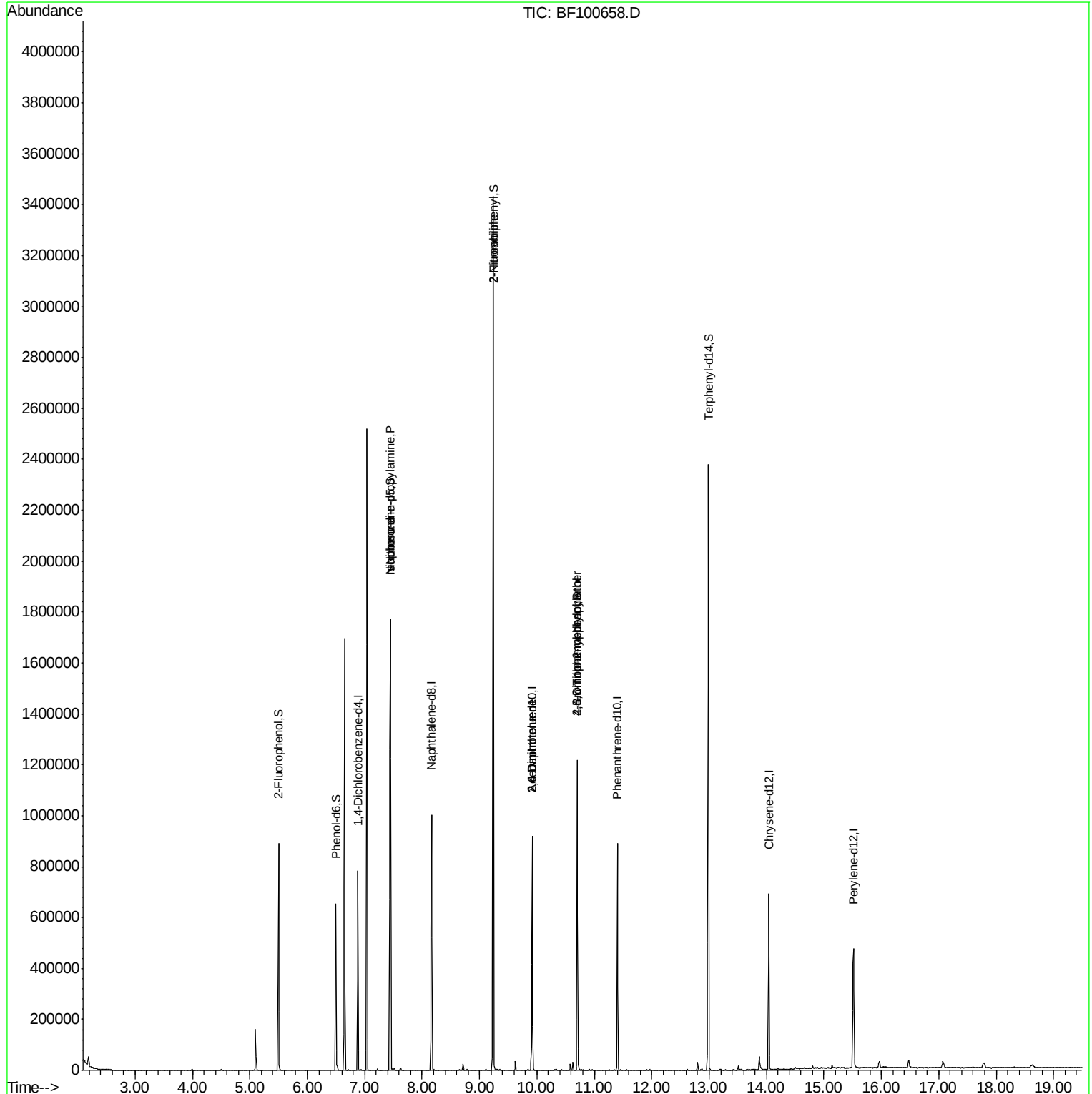
Quant Time: Nov 17 05:53:16 2017

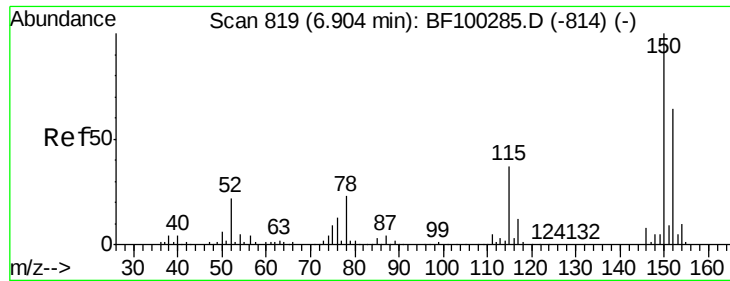
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M

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QLast Update : Thu Nov 16 12:15:03 2017

Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.01 min

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ClientSampleId :

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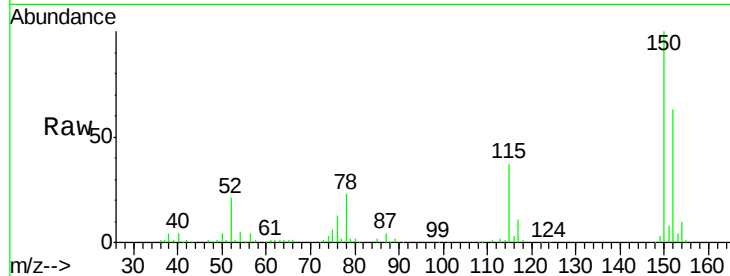
Tgt Ion:152 Resp: 109624

Ion Ratio Lower Upper

152 100

150 159.5 124.6 186.8

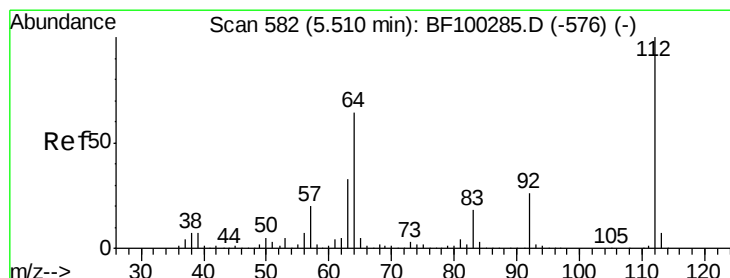
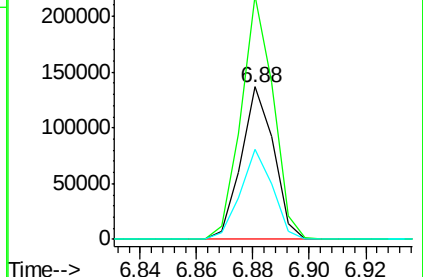
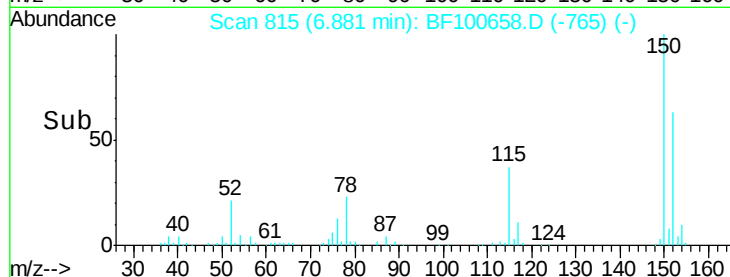
115 58.7 50.1 75.1



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: 37.84 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.00 min

Lab File: BF100658.D

Acq: 17 Nov 2017 4:33

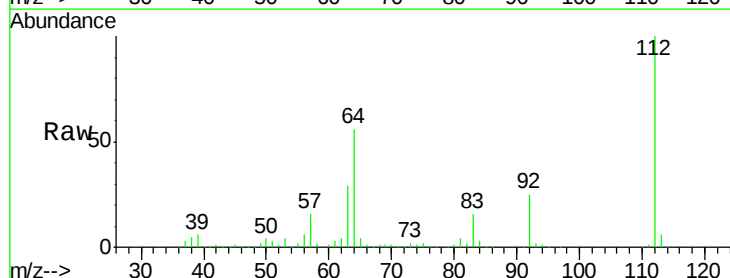
Tgt Ion:112 Resp: 258804

Ion Ratio Lower Upper

112 100

64 55.6 47.9 71.9

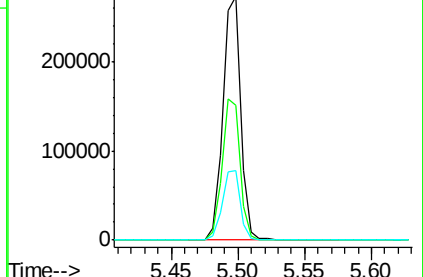
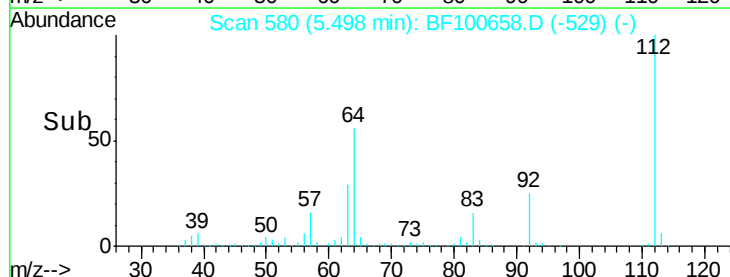
63 28.6 23.7 35.5



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: 22.50 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF100658.D

Acq: 17 Nov 2017 4:33

Instrument :

BNA_F

ClientSampleId :

111317-TIDO-E-U-B

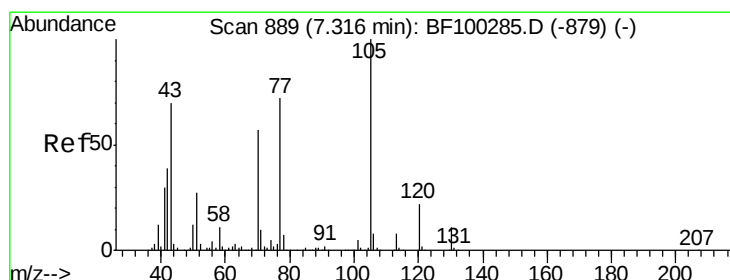
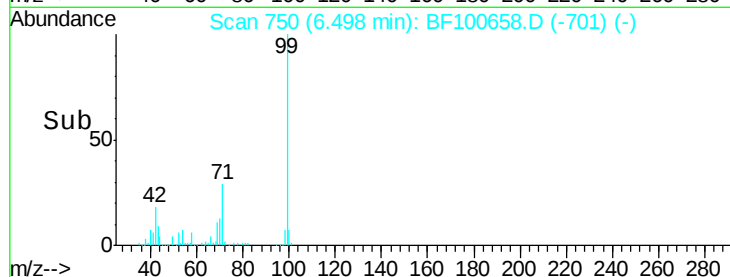
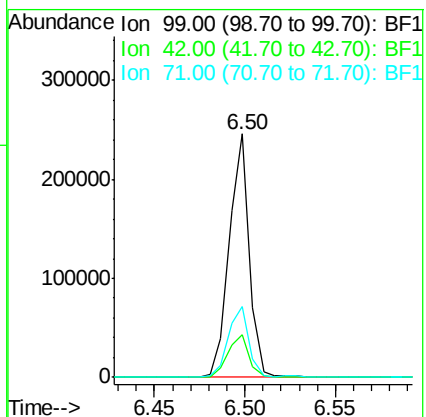
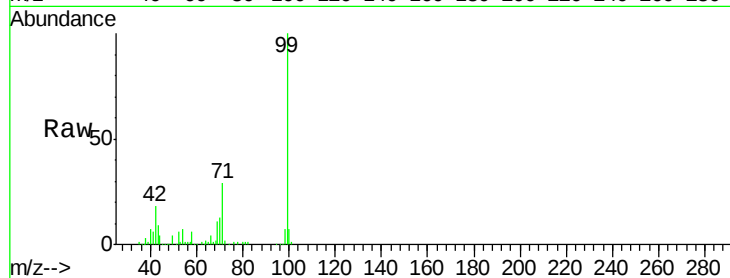
Tgt Ion: 99 Resp: 189716

Ion Ratio Lower Upper

99 100

42 17.7 14.5 21.7

71 29.0 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.02 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.15 min

Lab File: BF100658.D

Acq: 17 Nov 2017 4:33

Tgt Ion: 70 Resp: 82016

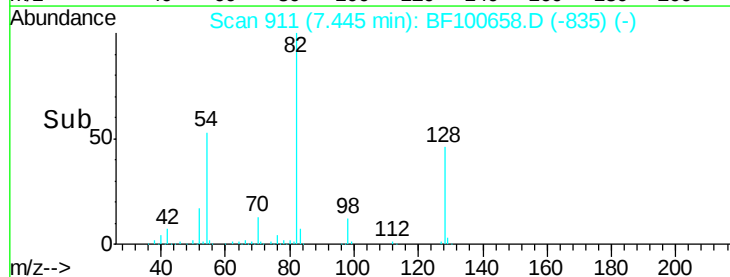
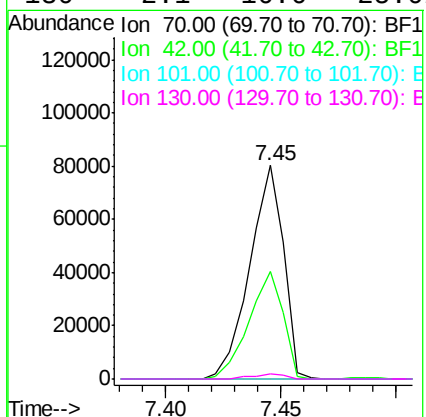
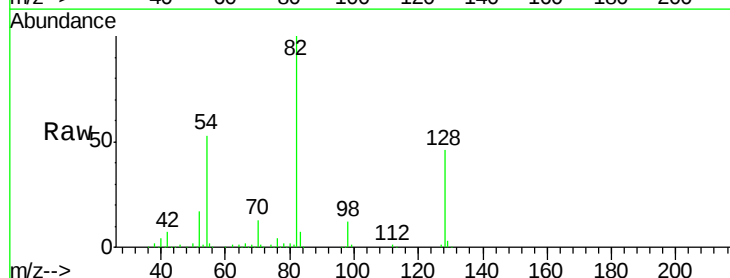
Ion Ratio Lower Upper

70 100

42 50.4 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

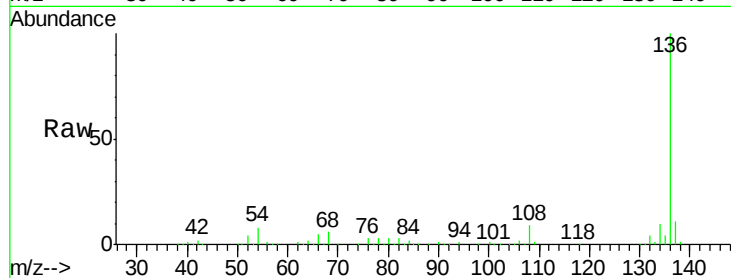




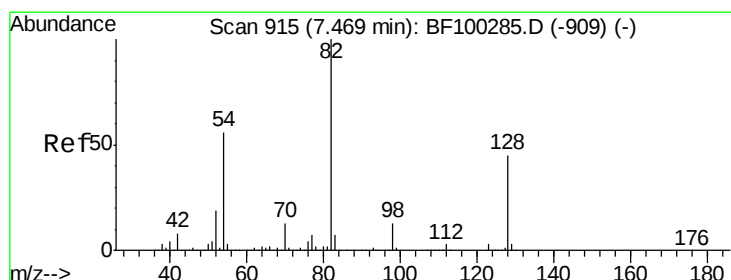
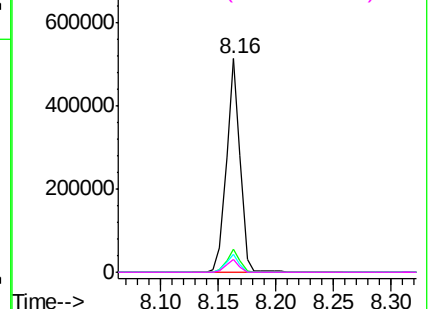
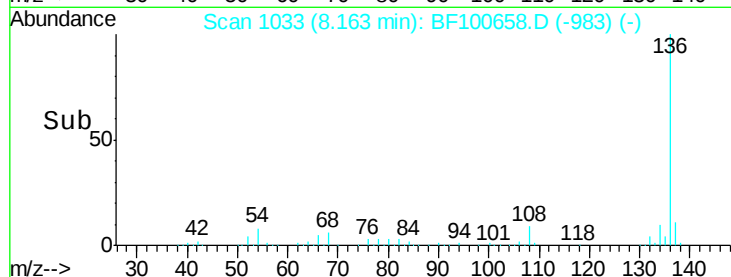
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100658.D
Acq: 17 Nov 2017 4:33

Instrument :
BNA_F
ClientSampleId :
111317-TIDO-E-U-B

Tgt Ion:	136	Resp:	417990
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.1	6.6	9.8
68	6.0	5.0	7.4

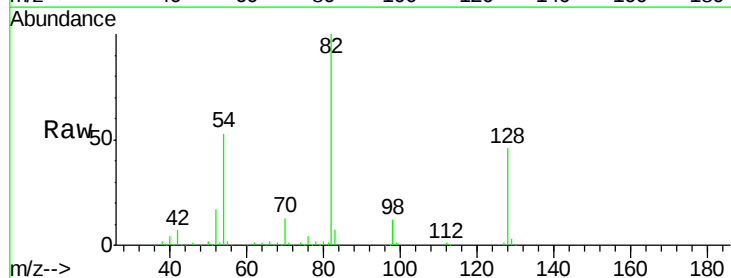


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

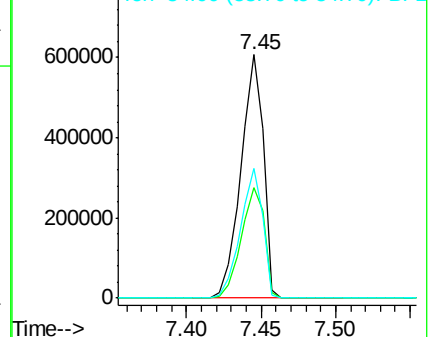
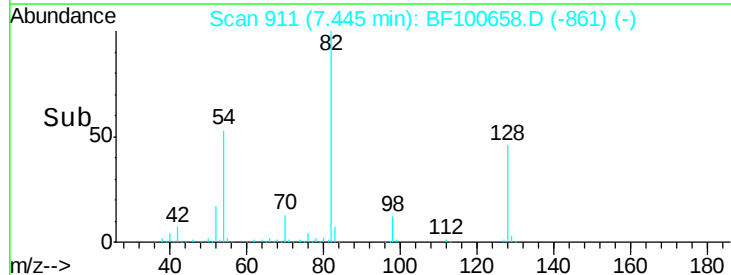


#23
Nitrobenzene-d5
Concen: 101.17 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100658.D
Acq: 17 Nov 2017 4:33

Tgt Ion:	82	Resp:	639598
Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.1	54.1
54	53.2	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: 48.13 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.26 min

Lab File: BF100658.D

Acq: 17 Nov 2017 4:33

Instrument :

BNA_F

ClientSampleId :

111317-TIDO-E-U-B

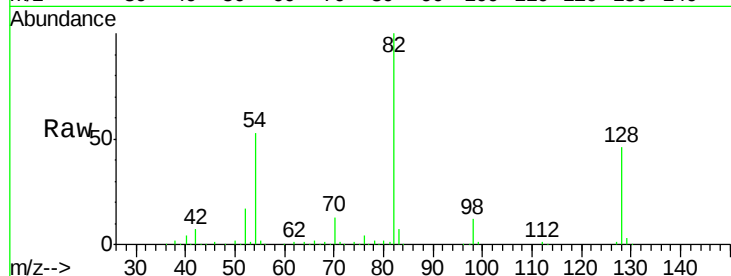
Tgt Ion: 82 Resp: 639410

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

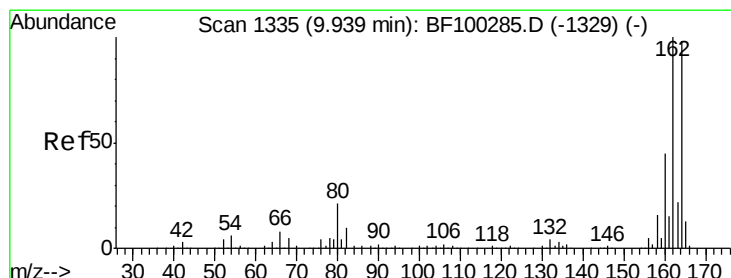
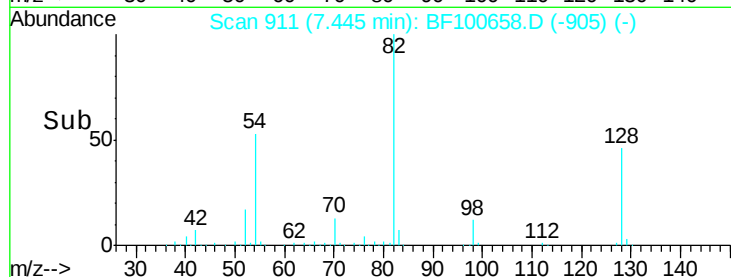
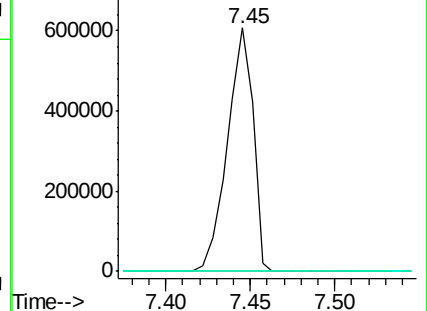
138 0.0 14.9 22.3#



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: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF100658.D

Acq: 17 Nov 2017 4:33

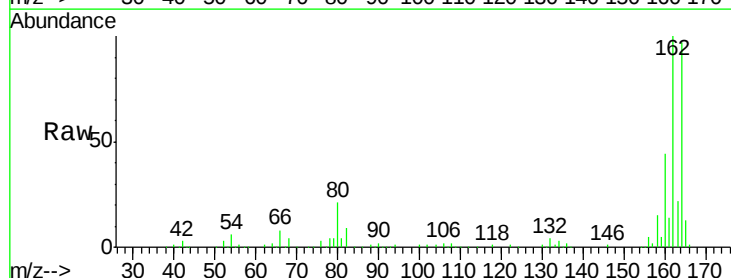
Tgt Ion: 164 Resp: 182527

Ion Ratio Lower Upper

164 100

162 102.6 86.1 129.1

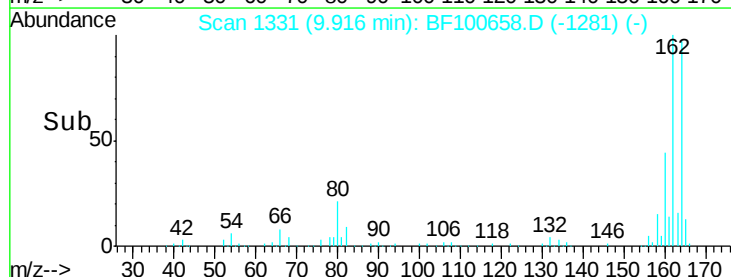
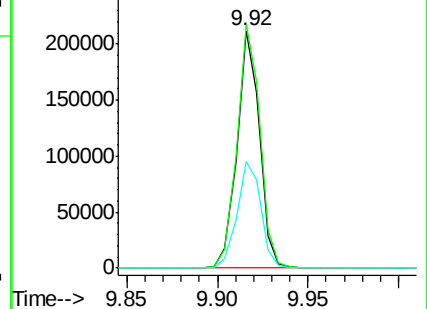
160 45.2 38.3 57.5

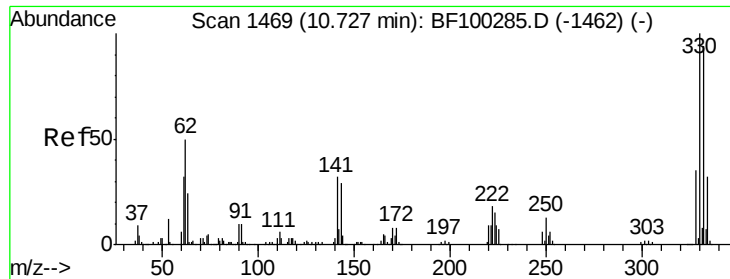


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

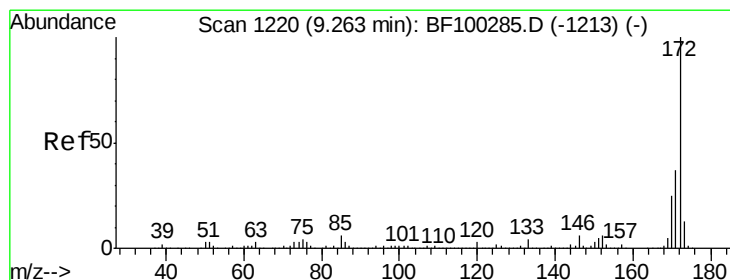
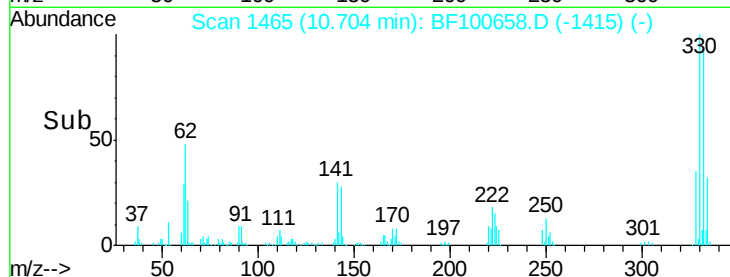
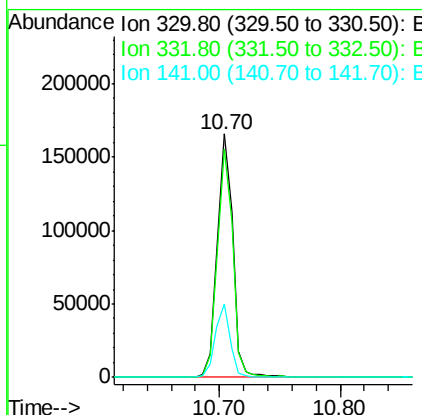
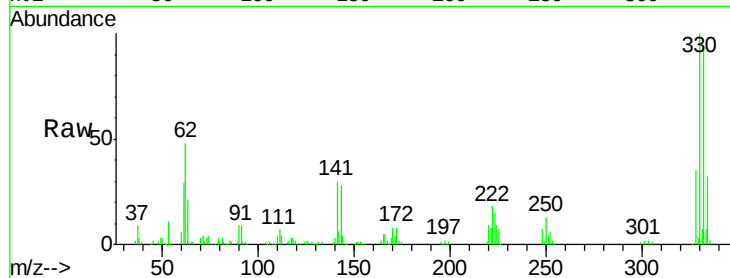




#41
 2,4,6-Tribromophenol
 Concen: 78.52 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100658.D
 Acq: 17 Nov 2017 4:33

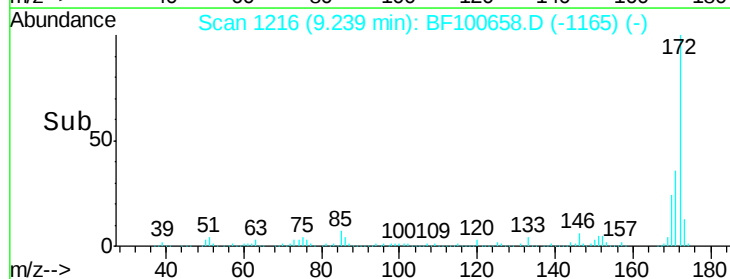
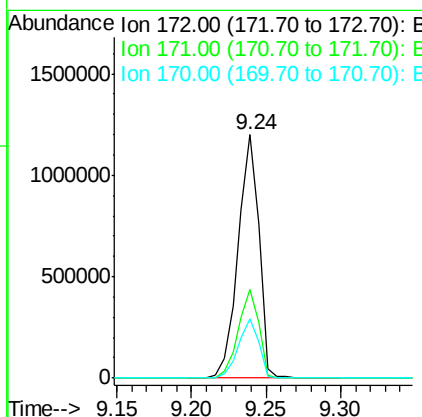
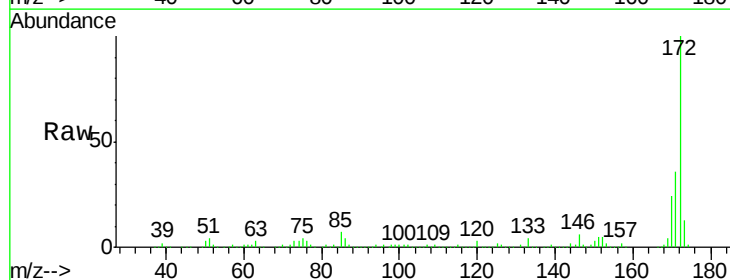
Instrument :
 BNA_F
 ClientSampleId :
 111317-TIDO-E-U-B

Tgt Ion: 330 Resp: 146043
 Ion Ratio Lower Upper
 330 100
 332 93.4 77.0 115.6
 141 28.7 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 98.21 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.00 min
 Lab File: BF100658.D
 Acq: 17 Nov 2017 4:33

Tgt Ion: 172 Resp: 1177265
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 24.3 19.6 29.4

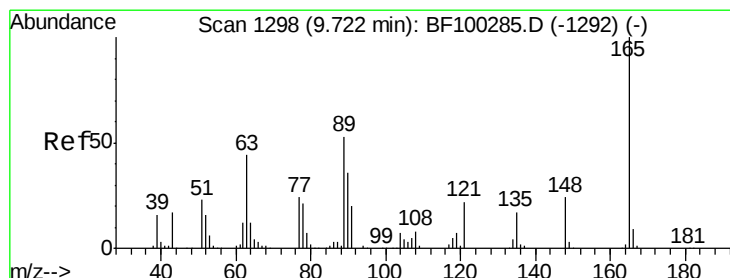
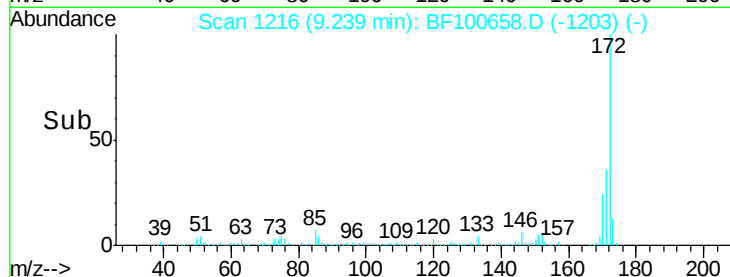
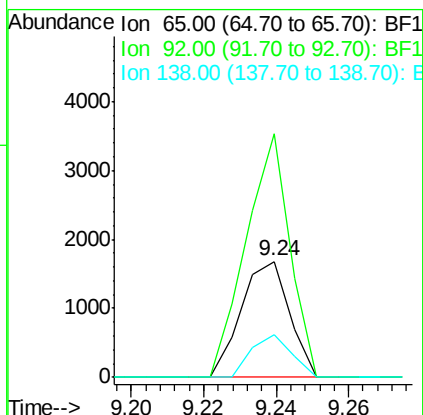
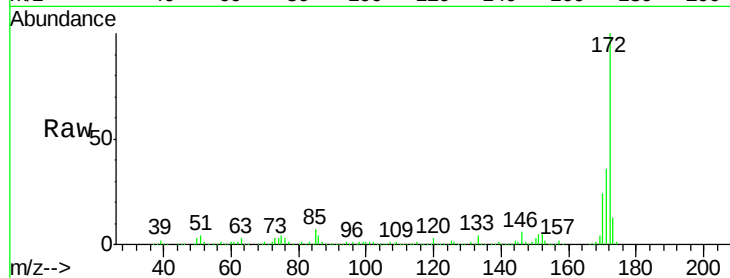




#47
2-Nitroaniline
Concen: 3.22 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.22 min
Lab File: BF100658.D
Acq: 17 Nov 2017 4:33

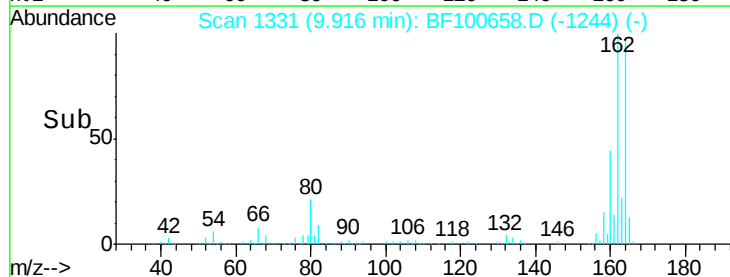
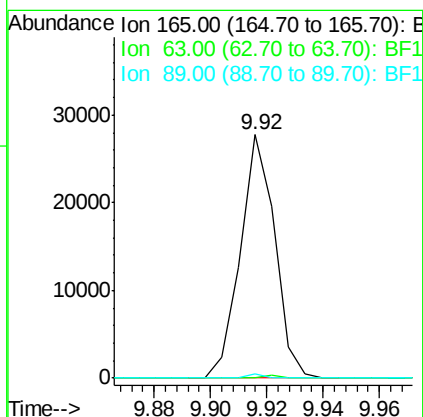
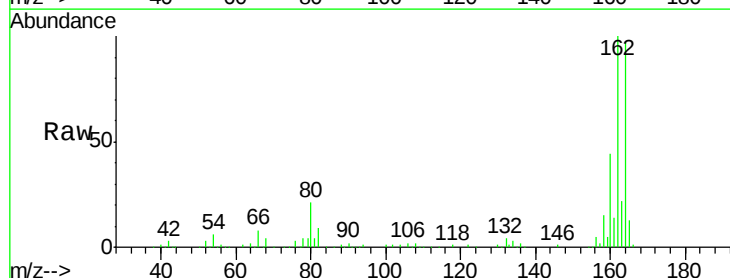
Instrument :
BNA_F
ClientSampleId :
111317-TIDO-E-U-B

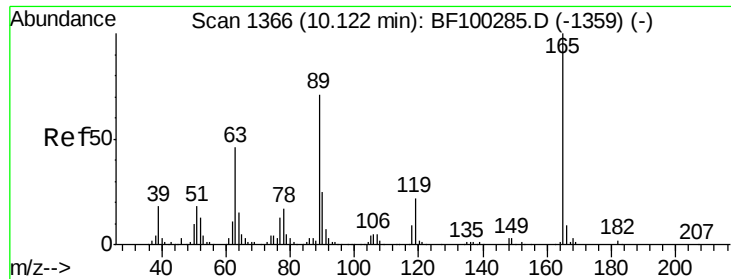
Tgt Ion: 65 Resp: 1566
Ion Ratio Lower Upper
65 100
92 210.5 55.8 83.6#
138 37.3 91.2 136.8#



#50
2,6-Dinitrotoluene
Concen: 8.51 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.21 min
Lab File: BF100658.D
Acq: 17 Nov 2017 4:33

Tgt Ion: 165 Resp: 23476
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 1.5 44.0 66.0#

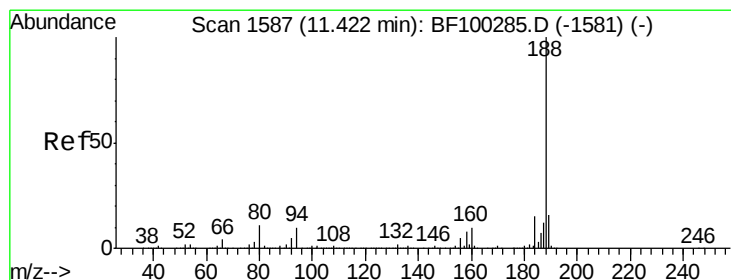
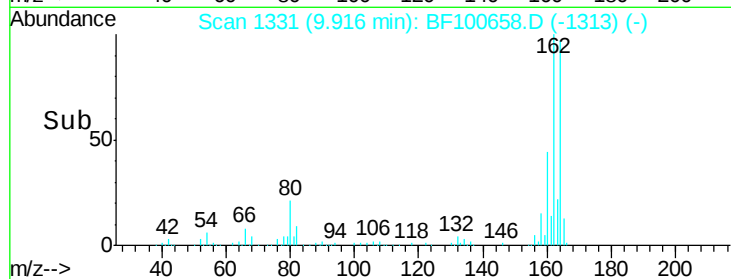
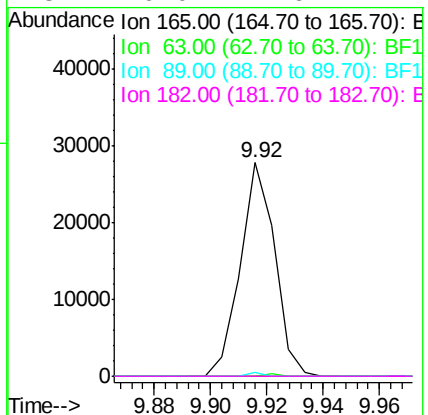
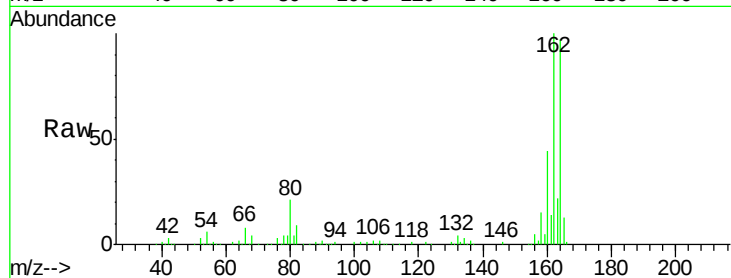




#56
 2,4-Dinitrotoluene
 Concen: 6.75 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF100658.D
 Acq: 17 Nov 2017 4:33

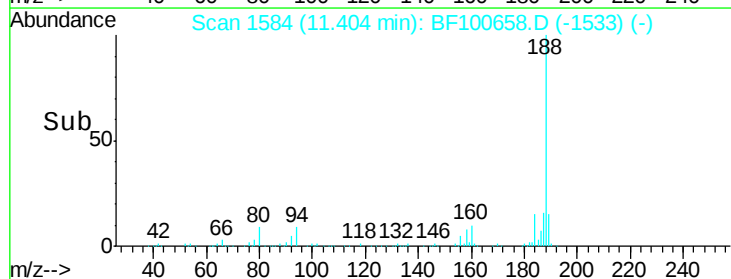
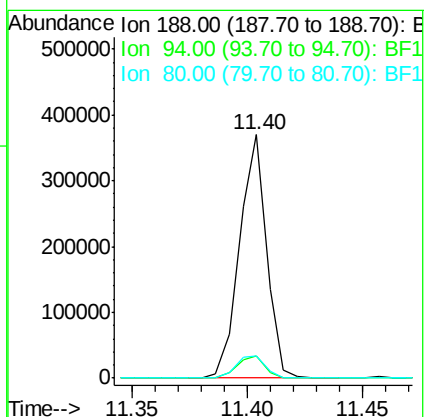
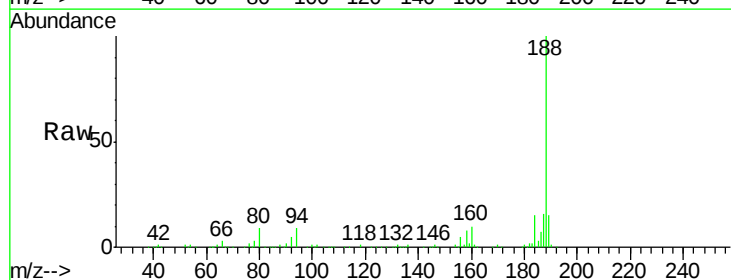
Instrument :
 BNA_F
 ClientSampleId :
 111317-TIDO-E-U-B

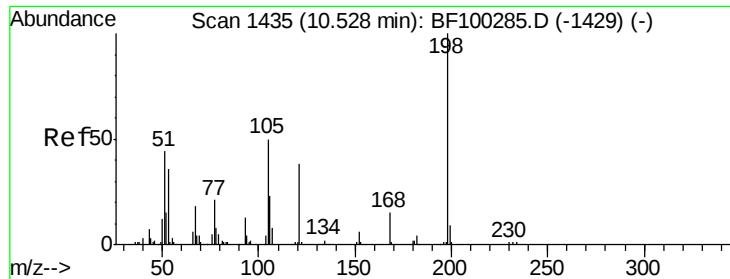
Tgt Ion:	165	Resp:	23476
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF100658.D
 Acq: 17 Nov 2017 4:33

Tgt Ion:	188	Resp:	301592
Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	9.1	9.2	13.8#

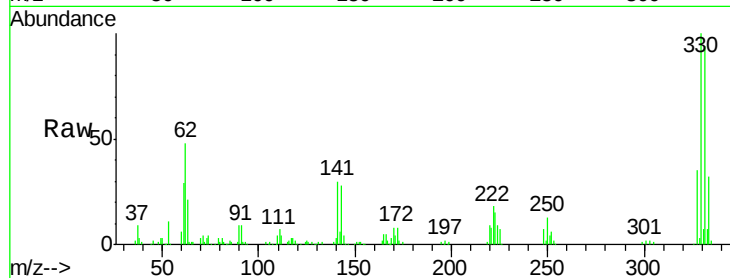




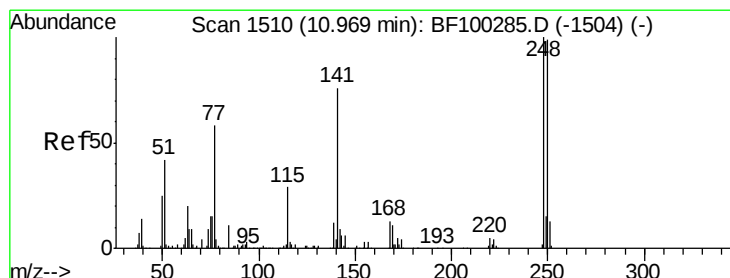
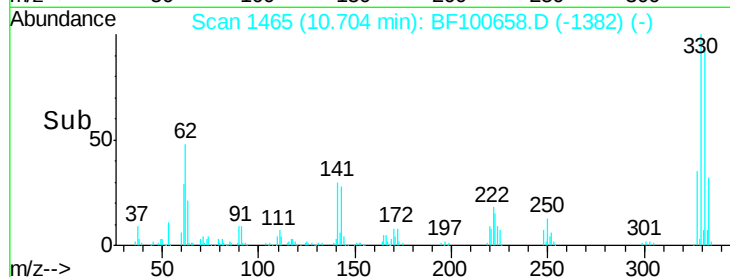
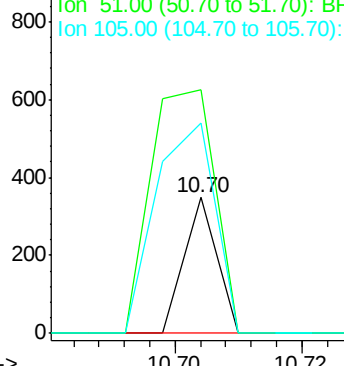
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.64 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.19 min
 Lab File: BF100658.D
 Acq: 17 Nov 2017 4:33

Instrument :
 BNA_F
 ClientSampleId :
 111317-TIDO-E-U-B

Tgt Ion:198 Resp: 123
 Ion Ratio Lower Upper
 198 100
 51 179.1 37.7 77.7#
 105 154.4 36.3 76.3#

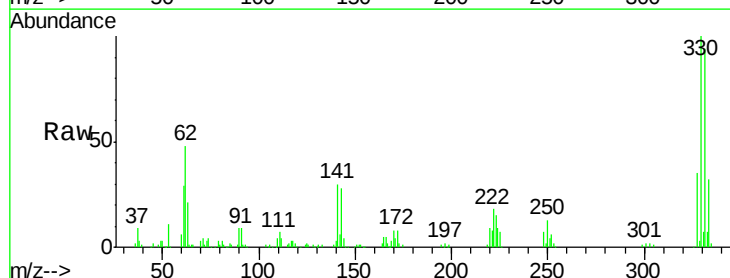


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

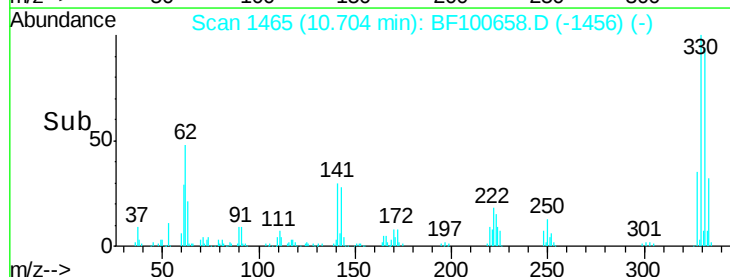
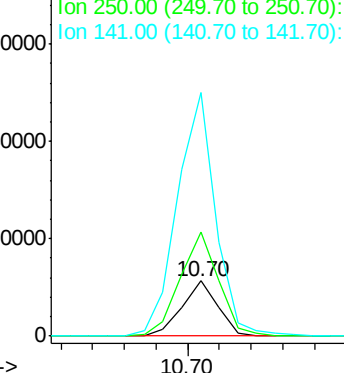


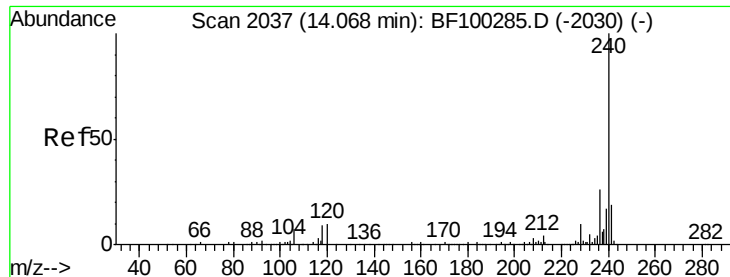
#66
 4-Bromophenyl-phenylether
 Concen: 2.74 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.25 min
 Lab File: BF100658.D
 Acq: 17 Nov 2017 4:33

Tgt Ion:248 Resp: 8874
 Ion Ratio Lower Upper
 248 100
 250 189.5 76.9 115.3#
 141 444.0 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: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF100658.D

Acq: 17 Nov 2017 4:33

Instrument :

BNA_F

ClientSampleId :

111317-TIDO-E-U-B

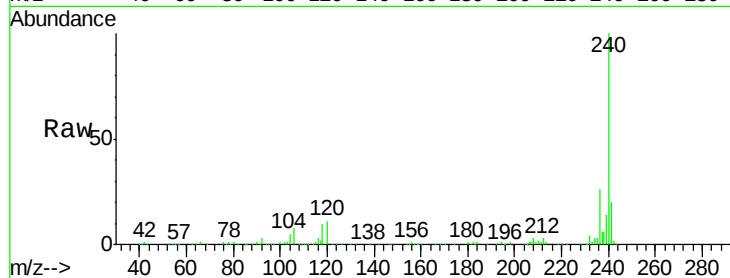
Tgt Ion:240 Resp: 223201

Ion Ratio Lower Upper

240 100

120 11.5 9.5 14.3

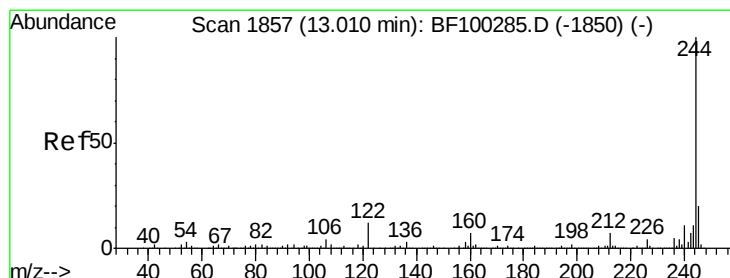
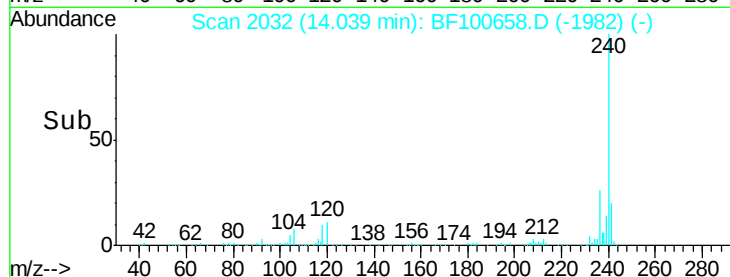
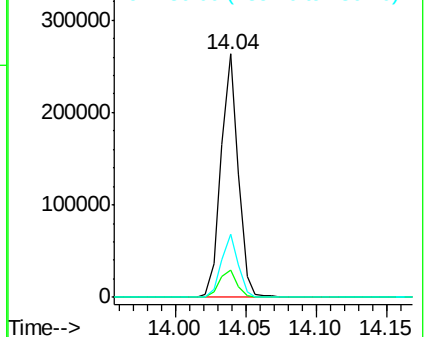
236 25.9 20.7 31.1



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: 80.65 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF100658.D

Acq: 17 Nov 2017 4:33

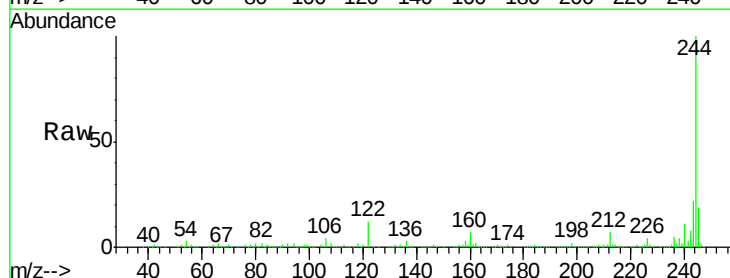
Tgt Ion:244 Resp: 783441

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

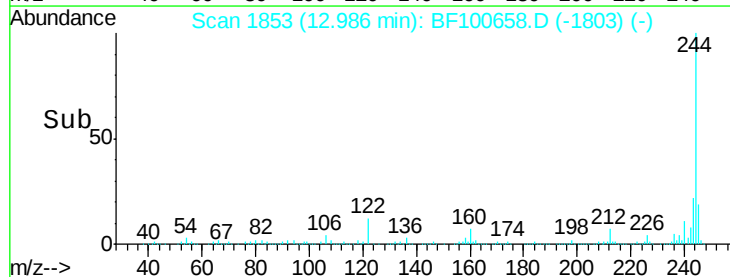
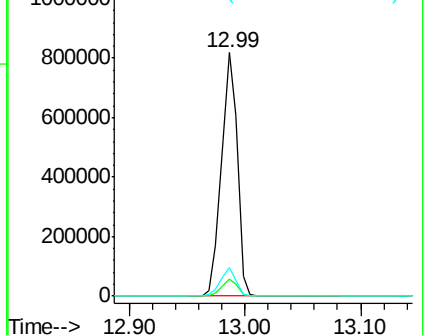
122 11.7 11.0 16.4

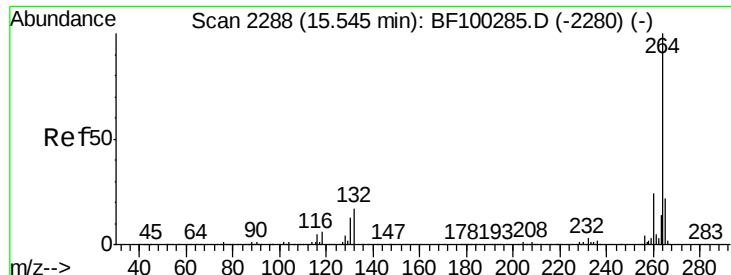


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

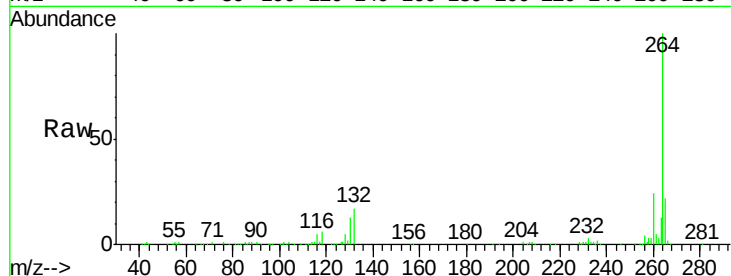




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BF100658.D
Acq: 17 Nov 2017 4:33

Instrument :
BNA_F
ClientSampleId :
111317-TIDO-E-U-B

Tgt Ion: 264 Resp: 223483
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 21.7 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

