

Data File : BF100653.D
Acq On : 17 Nov 2017 2:19
Operator : SJ/JU
Sample : I6490-06
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
111417-TIDO-E-D-S

Quant Time: Nov 17 03:00:53 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	103787	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	396947	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	171352	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	279992	20.00	ng	0.00
75) Chrysene-d12	14.04	240	212014	20.00	ng	0.00
86) Perylene-d12	15.52	264	199605	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	263892	40.76	ng	0.00
7) Phenol-d6	6.50	99	199633	25.00	ng	-0.01
23) Nitrobenzene-d5	7.45	82	553079	92.12	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	126544	72.47	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1048208	93.15	ng	0.00
78) Terphenyl-d14	12.99	244	717106	77.72	ng	0.00

Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.45	70	71686	12.95	ng	# 80
25) Isophorone	7.45	82	552913	43.82	ng	# 64
47) 2-Nitroaniline	9.24	65	1371	3.19	ng	# 1
50) 2,6-Dinitrotoluene	9.92	165	21580	8.33	ng	# 25
56) 2,4-Dinitrotoluene	9.92	165	21580	6.61	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.70	198	159	8.66	ng	# 14
66) 4-Bromophenyl-phenylether	10.70	248	7875	2.62	ng	# 1

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

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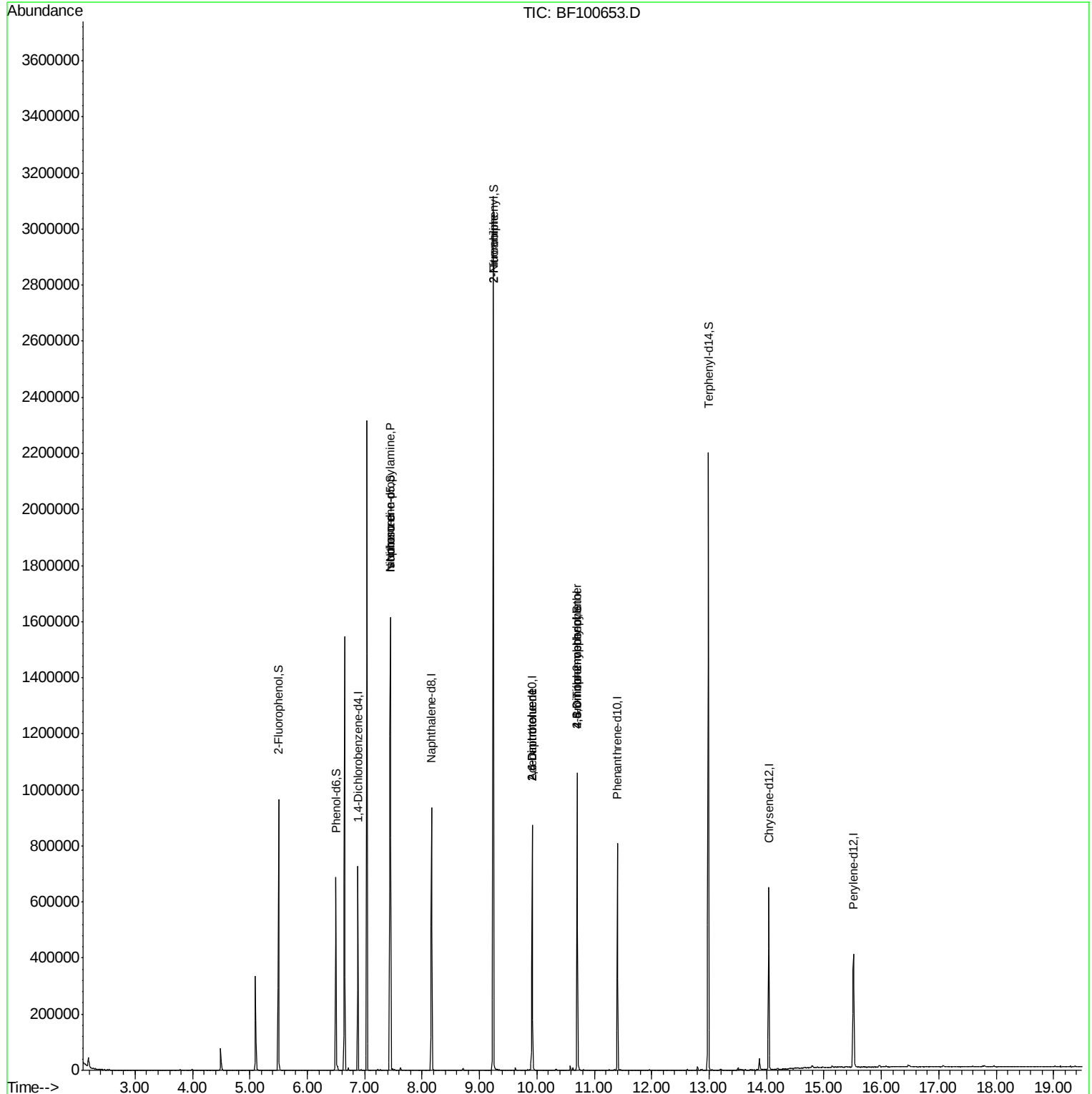
Quant Time: Nov 17 03:00:53 2017

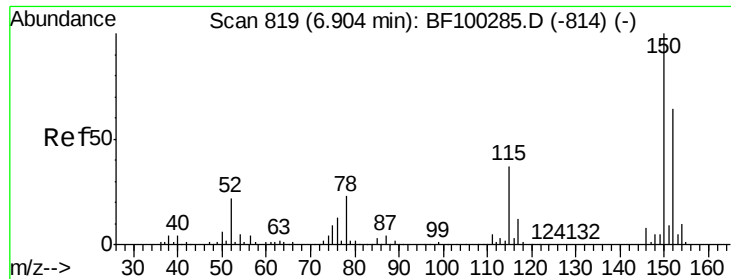
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M

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Response via : Initial Calibration

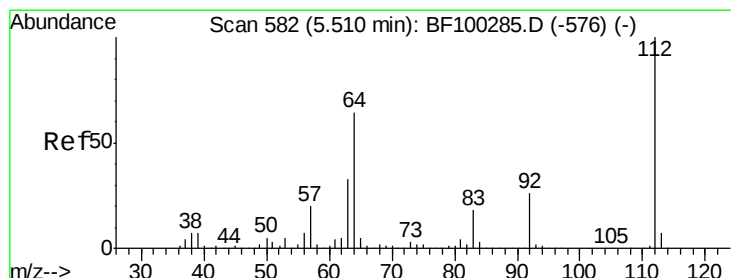
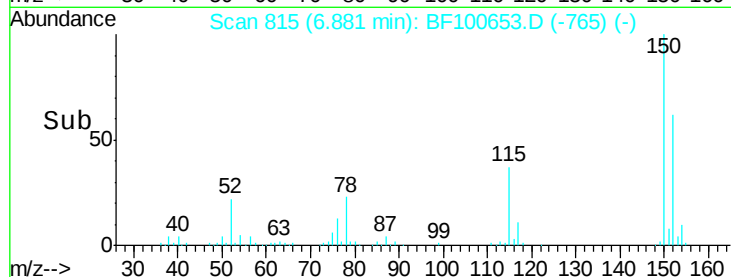
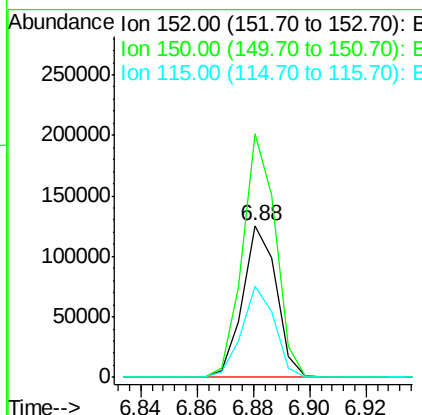
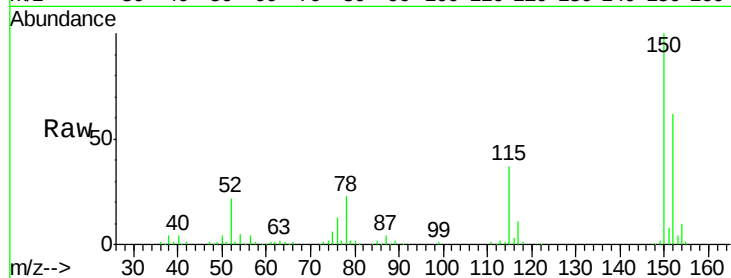




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF100653.D
 Acq: 17 Nov 2017 2:19

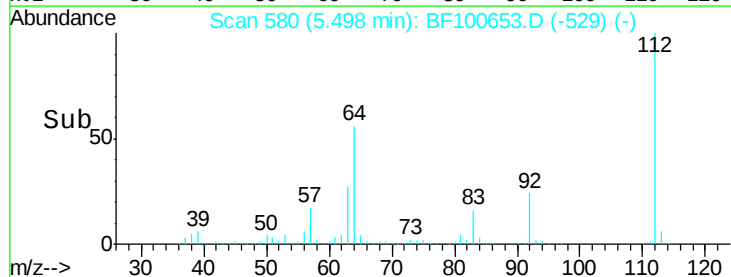
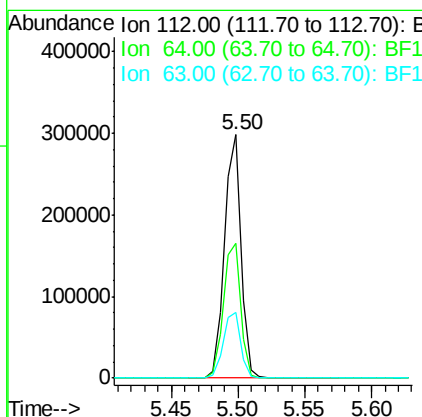
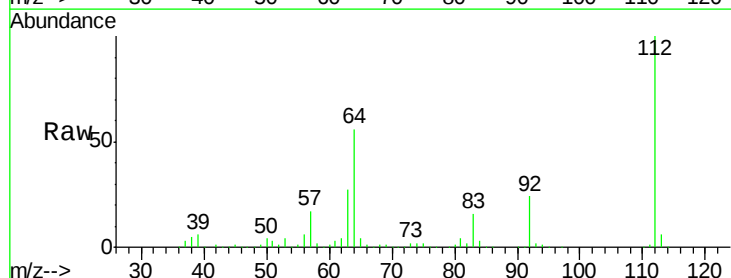
Instrument :
 BNA_F
 ClientSampleId :
 111417-TIDO-E-D-S

Tgt Ion:152 Resp: 103787
 Ion Ratio Lower Upper
 152 100
 150 160.3 124.6 186.8
 115 60.1 50.1 75.1



#5
 2-Fluorophenol
 Concen: 40.76 ng
 RT: 5.50 min Scan# 580
 Delta R.T. -0.00 min
 Lab File: BF100653.D
 Acq: 17 Nov 2017 2:19

Tgt Ion:112 Resp: 263892
 Ion Ratio Lower Upper
 112 100
 64 55.6 47.9 71.9
 63 27.2 23.7 35.5





#7

Phenol-d6

Concen: 25.00 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF100653.D

Acq: 17 Nov 2017 2:19

Instrument :

BNA_F

ClientSampleId :

111417-TIDO-E-D-S

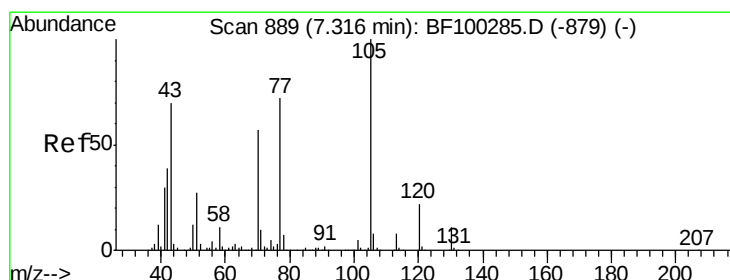
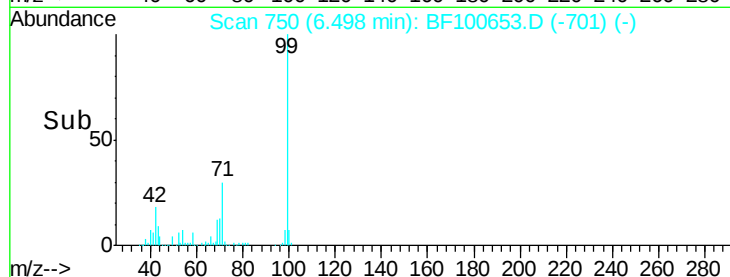
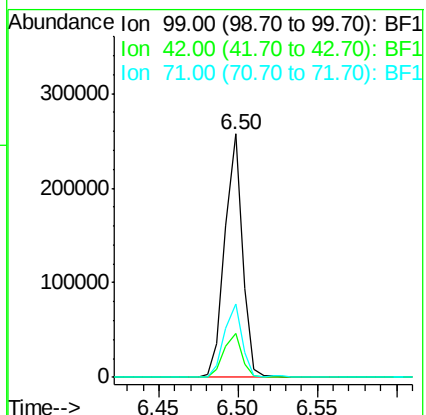
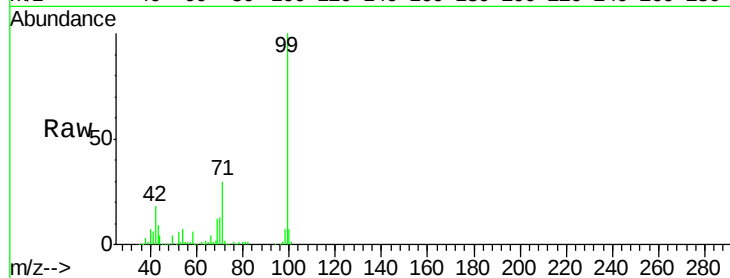
Tgt Ion: 99 Resp: 199633

Ion Ratio Lower Upper

99 100

42 18.2 14.5 21.7

71 30.0 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 12.95 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.15 min

Lab File: BF100653.D

Acq: 17 Nov 2017 2:19

Tgt Ion: 70 Resp: 71686

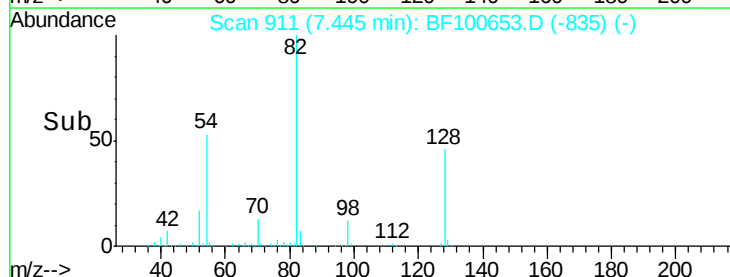
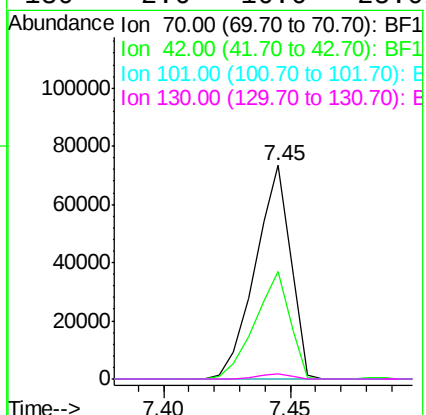
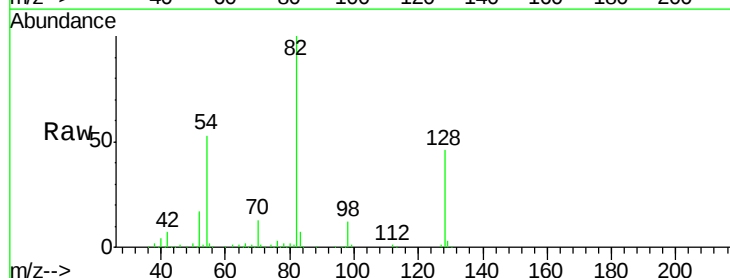
Ion Ratio Lower Upper

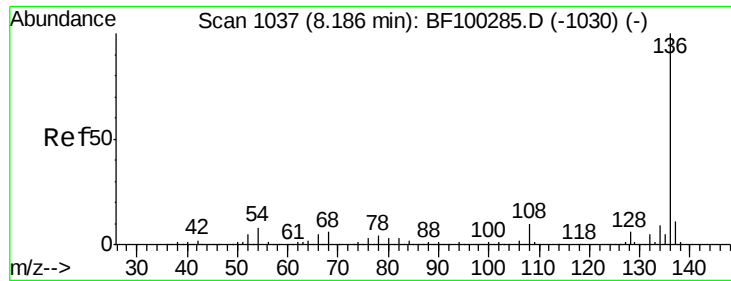
70 100

42 50.3 47.5 71.3

101 0.0 7.4 11.2#

130 2.6 16.6 25.0#

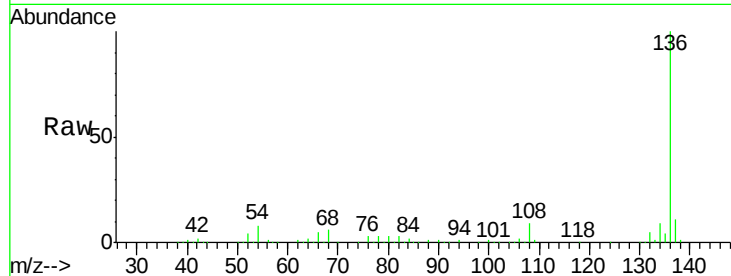




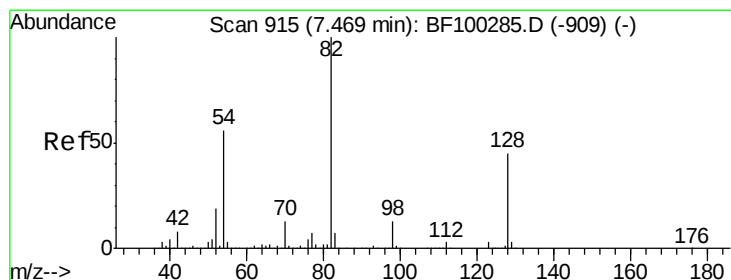
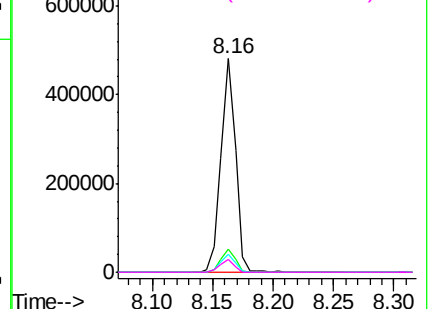
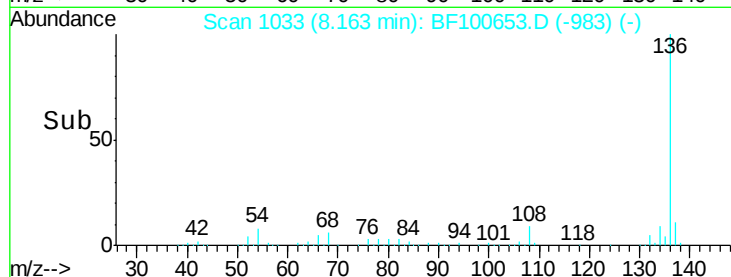
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100653.D
Acq: 17 Nov 2017 2:19

Instrument :
BNA_F
ClientSampleId :
111417-TIDO-E-D-S

Tgt Ion:	136	Resp:	396947
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.2	6.6	9.8
68	6.1	5.0	7.4

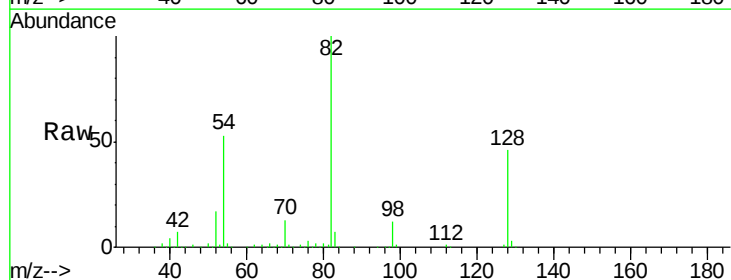


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

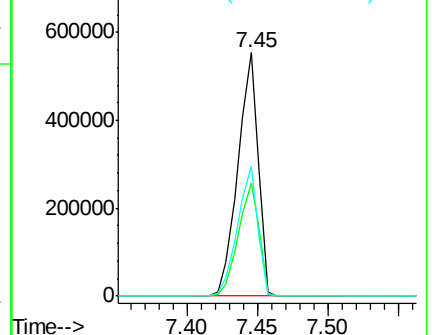
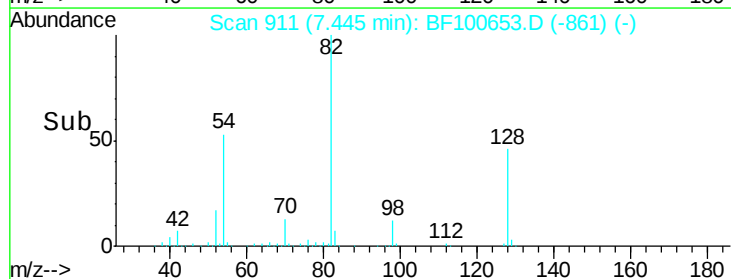


#23
Nitrobenzene-d5
Concen: 92.12 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100653.D
Acq: 17 Nov 2017 2:19

Tgt Ion:	82	Resp:	553079
Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.1	54.1
54	53.1	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: 43.82 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.26 min

Lab File: BF100653.D

Acq: 17 Nov 2017 2:19

Instrument :

BNA_F

ClientSampleId :

111417-TIDO-E-D-S

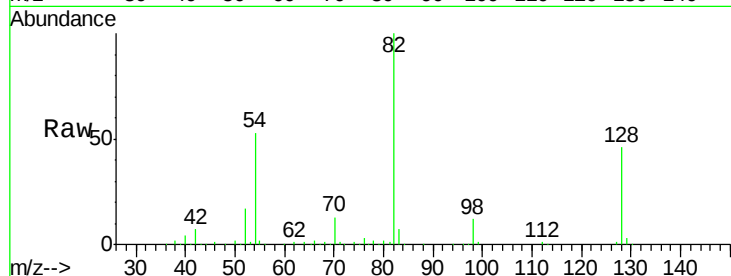
Tgt Ion: 82 Resp: 552913

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

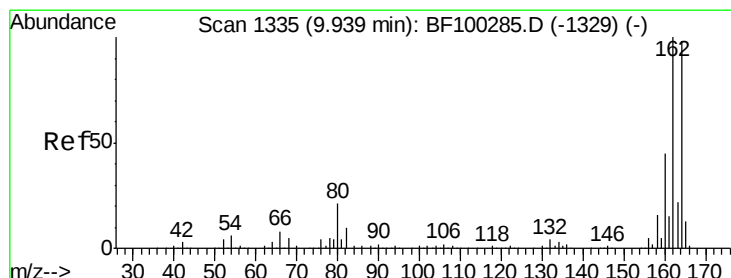
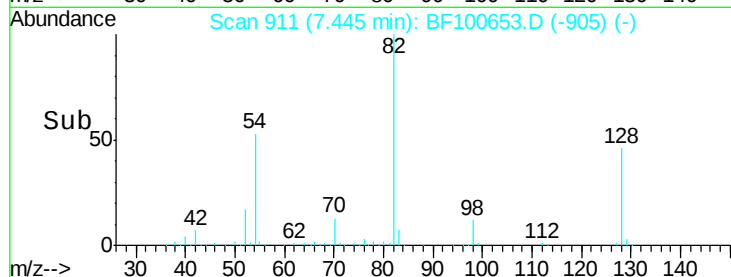
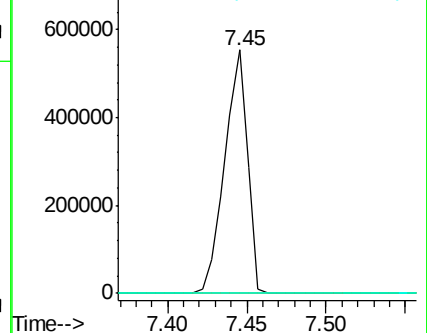
138 0.0 14.9 22.3#



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: BF100653.D

Acq: 17 Nov 2017 2:19

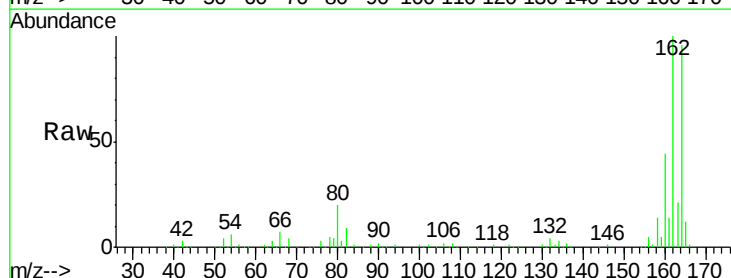
Tgt Ion: 164 Resp: 171352

Ion Ratio Lower Upper

164 100

162 104.5 86.1 129.1

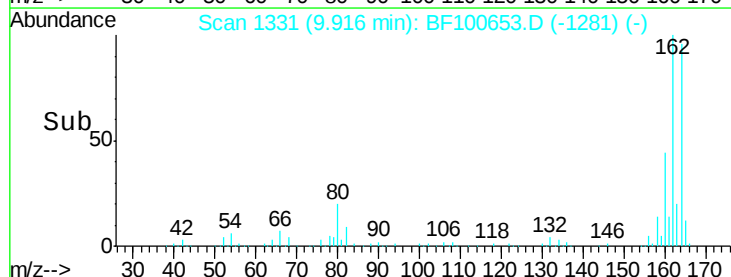
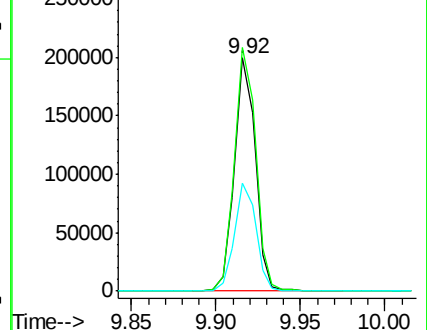
160 46.4 38.3 57.5

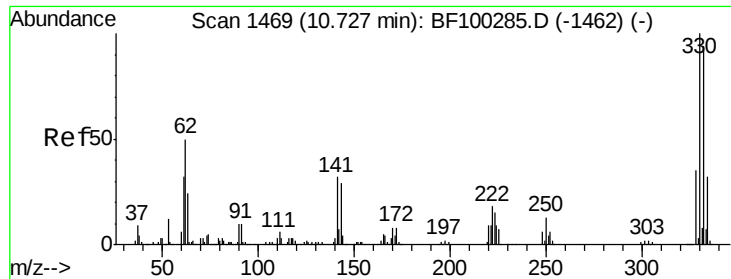


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

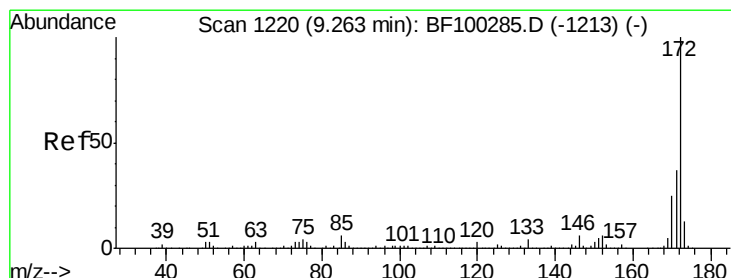
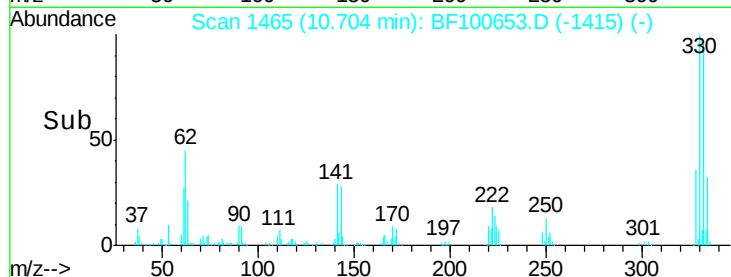
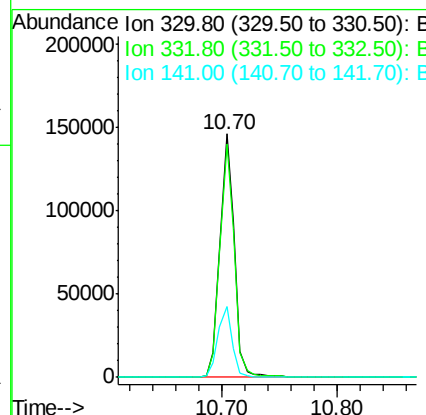
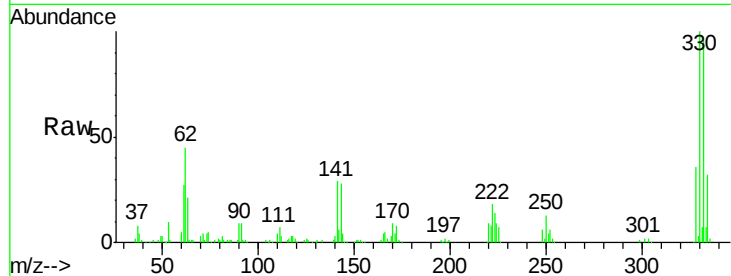




#41
 2,4,6-Tribromophenol
 Concen: 72.47 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100653.D
 Acq: 17 Nov 2017 2:19

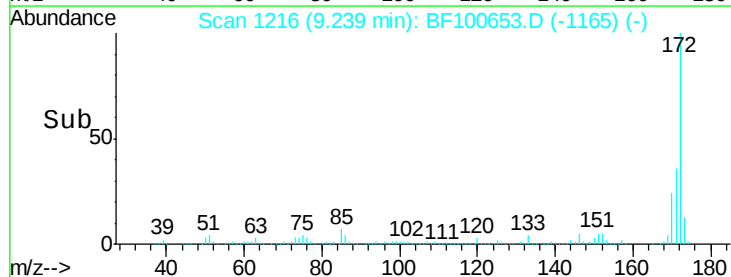
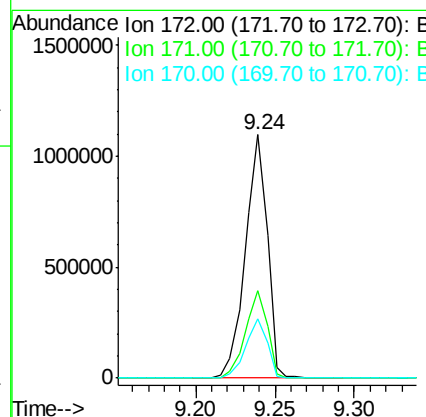
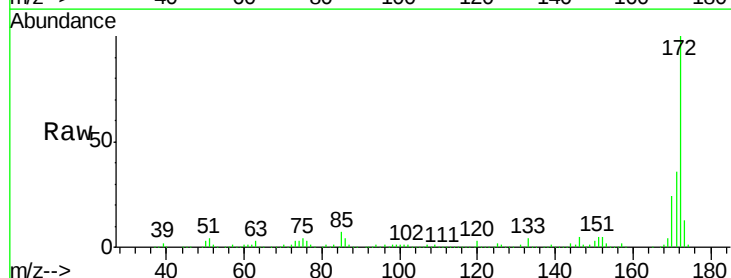
Instrument :
 BNA_F
 ClientSampleId :
 111417-TIDO-E-D-S

Tgt Ion: 330 Resp: 126544
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 29.2 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 93.15 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF100653.D
 Acq: 17 Nov 2017 2:19

Tgt Ion: 172 Resp: 1048208
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.7 44.5
 170 24.2 19.6 29.4

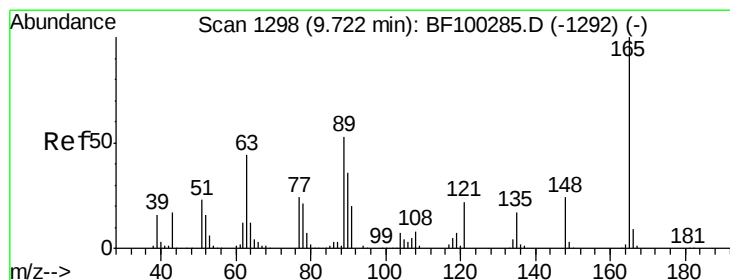
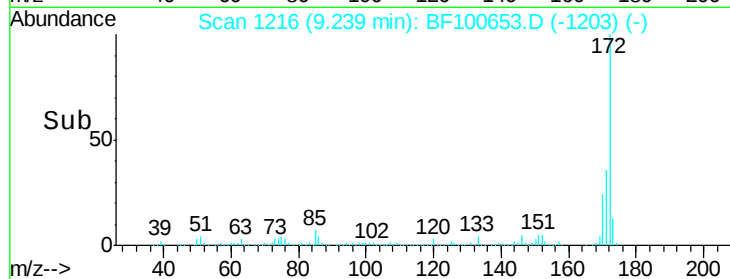
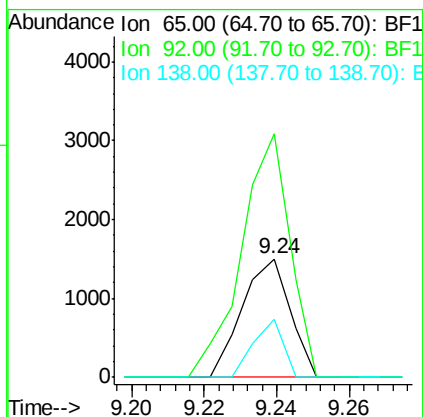
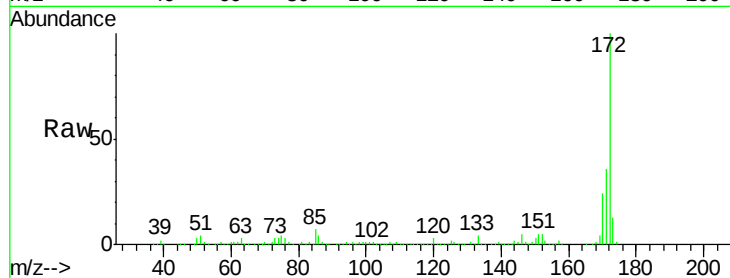




#47
2-Nitroaniline
Concen: 3.19 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.22 min
Lab File: BF100653.D
Acq: 17 Nov 2017 2:19

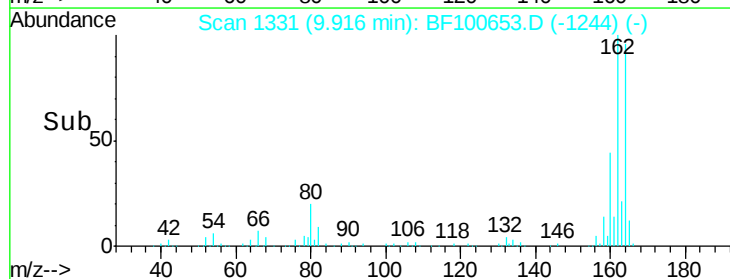
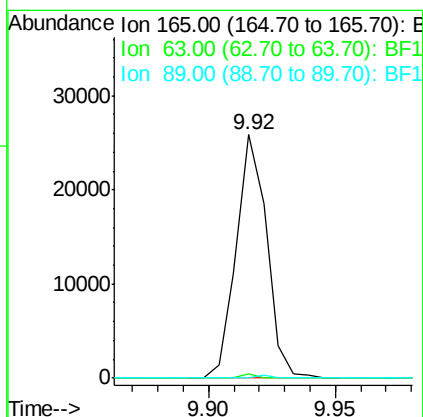
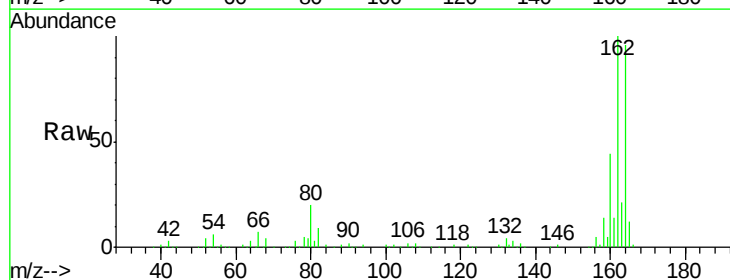
Instrument :
BNA_F
ClientSampleId :
111417-TIDO-E-D-S

Tgt Ion: 65 Resp: 1371
Ion Ratio Lower Upper
65 100
92 205.4 55.8 83.6#
138 48.6 91.2 136.8#



#50
2,6-Dinitrotoluene
Concen: 8.33 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.21 min
Lab File: BF100653.D
Acq: 17 Nov 2017 2:19

Tgt Ion:165 Resp: 21580
Ion Ratio Lower Upper
165 100
63 1.7 44.7 67.1#
89 0.0 44.0 66.0#

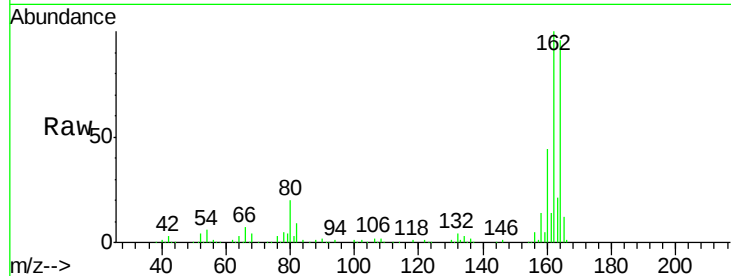




#56
 2,4-Dinitrotoluene
 Concen: 6.61 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF100653.D
 Acq: 17 Nov 2017 2:19

Instrument :
 BNA_F
 ClientSampleId :
 111417-TIDO-E-D-S

Tgt Ion:	165	Resp:	21580
Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

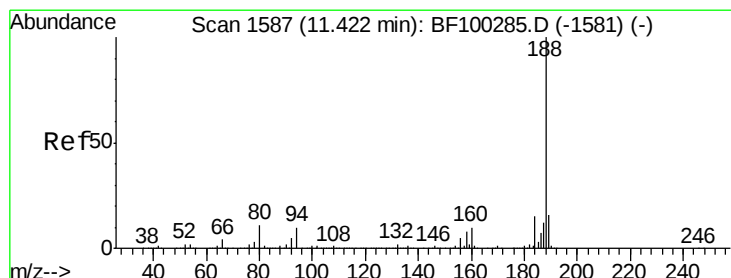
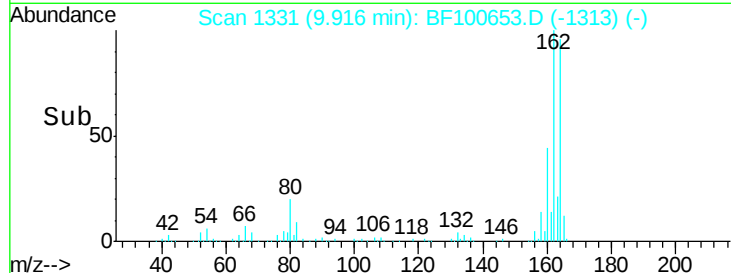
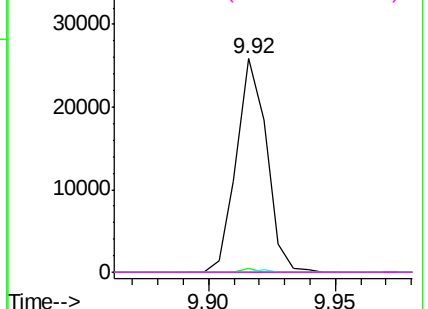


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

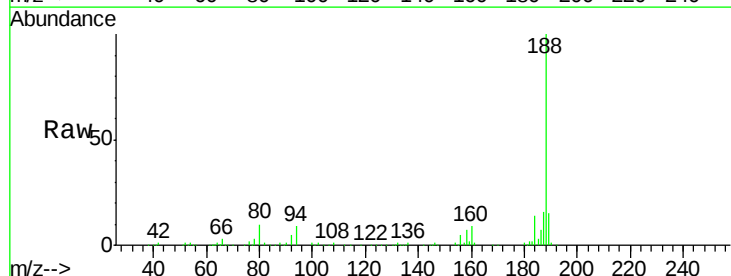
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: BF100653.D
 Acq: 17 Nov 2017 2:19

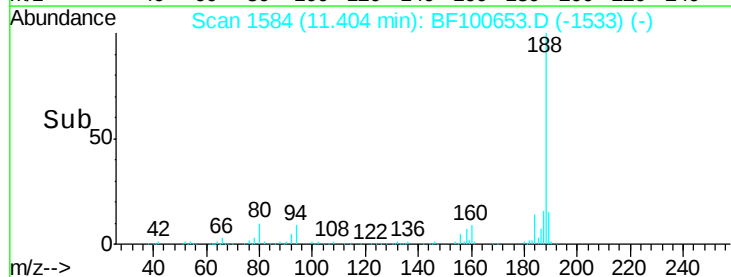
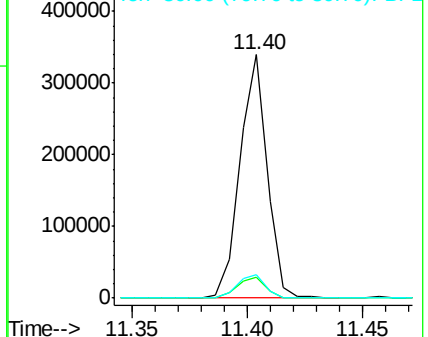
Tgt Ion:	188	Resp:	279992
Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.5	12.7
80	9.6	9.2	13.8

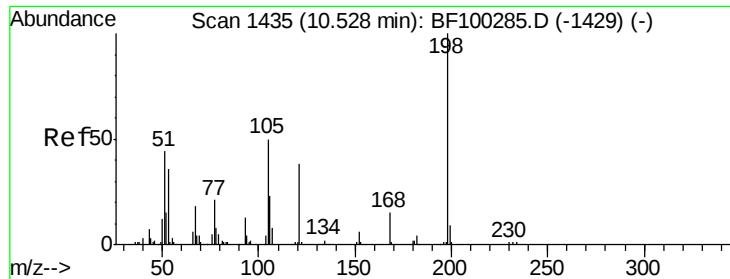


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

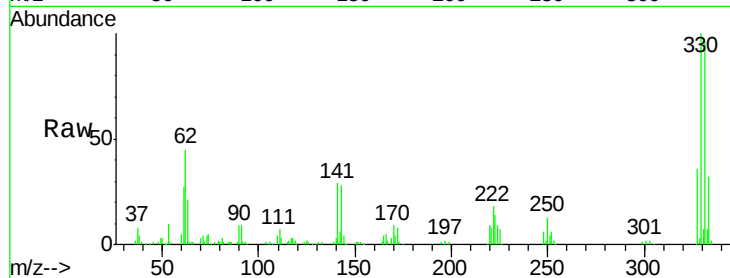




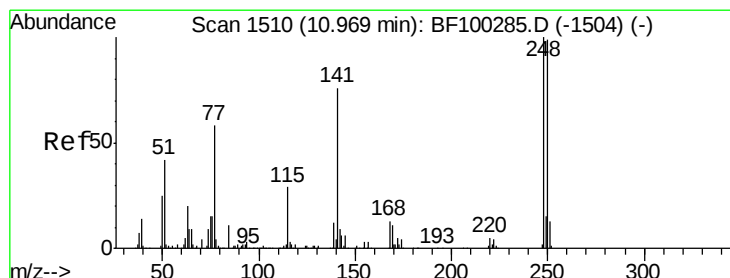
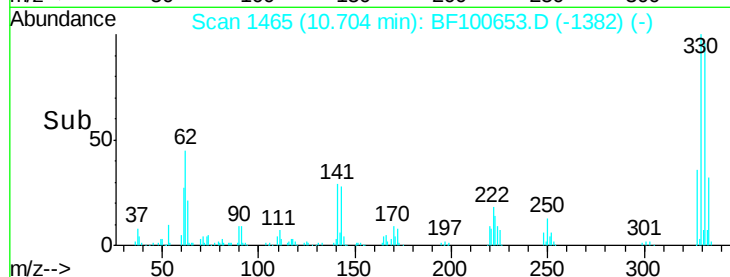
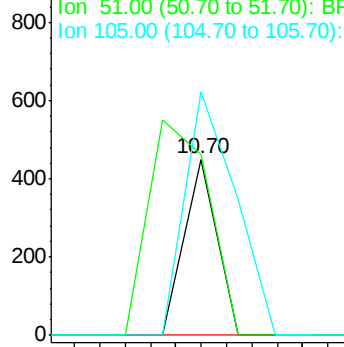
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.66 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.19 min
 Lab File: BF100653.D
 Acq: 17 Nov 2017 2:19

Instrument :
 BNA_F
 ClientSampleId :
 111417-TIDO-E-D-S

Tgt Ion:198 Resp: 159
 Ion Ratio Lower Upper
 198 100
 51 102.4 37.7 77.7#
 105 138.2 36.3 76.3#

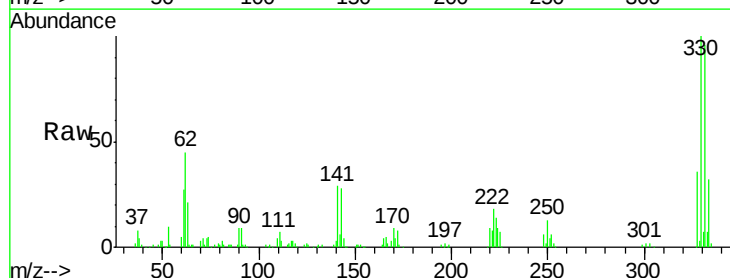


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

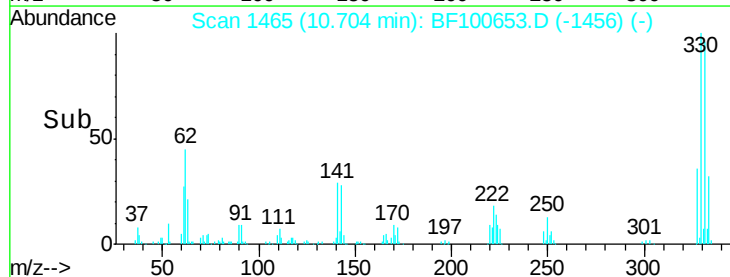
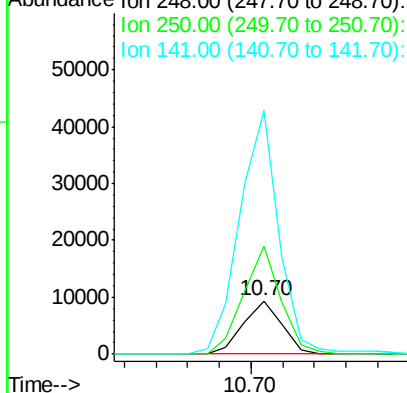


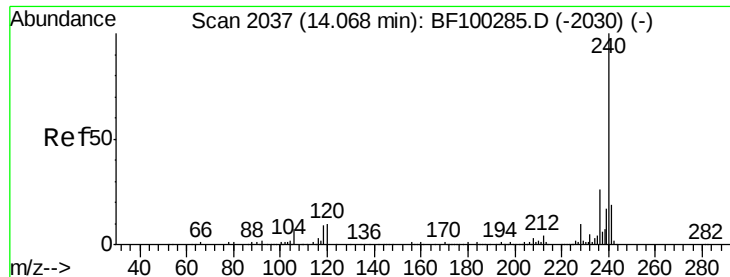
#66
 4-Bromophenyl-phenylether
 Concen: 2.62 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.25 min
 Lab File: BF100653.D
 Acq: 17 Nov 2017 2:19

Tgt Ion:248 Resp: 7875
 Ion Ratio Lower Upper
 248 100
 250 203.3 76.9 115.3#
 141 456.2 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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF100653.D

Acq: 17 Nov 2017 2:19

Instrument :

BNA_F

ClientSampleId :

111417-TIDO-E-D-S

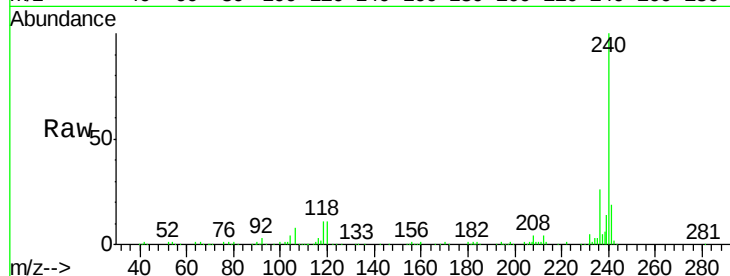
Tgt Ion:240 Resp: 212014

Ion Ratio Lower Upper

240 100

120 11.4 9.5 14.3

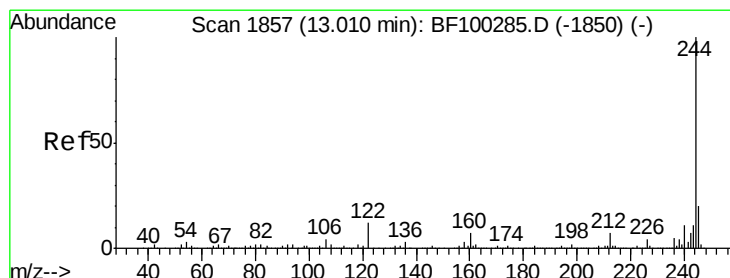
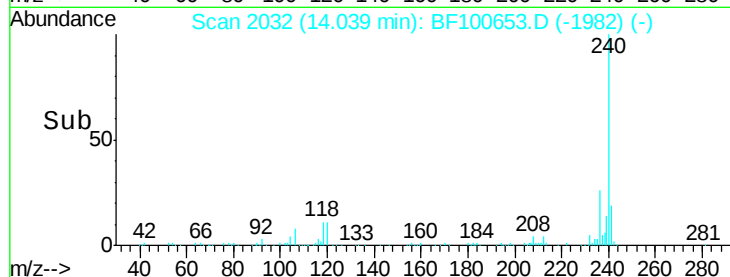
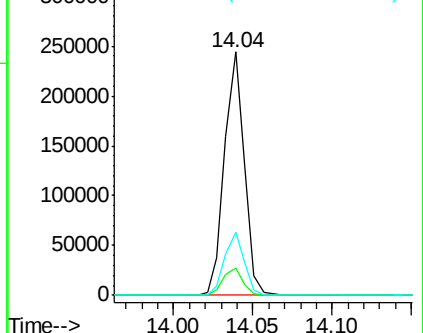
236 25.7 20.7 31.1



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



#78

Terphenyl-d14

Concen: 77.72 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF100653.D

Acq: 17 Nov 2017 2:19

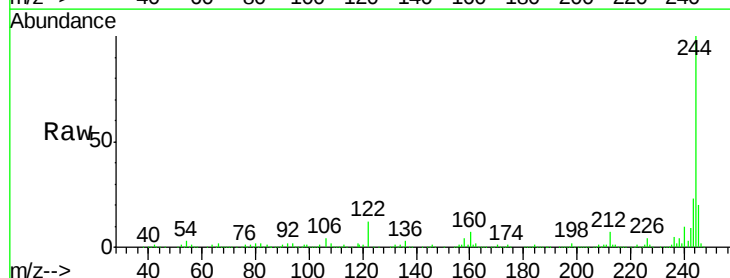
Tgt Ion:244 Resp: 717106

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

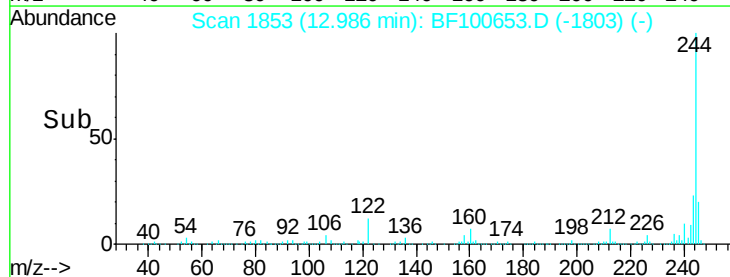
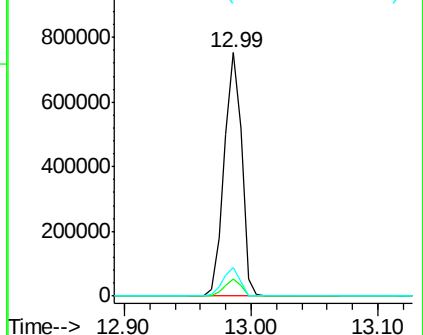
122 11.7 11.0 16.4

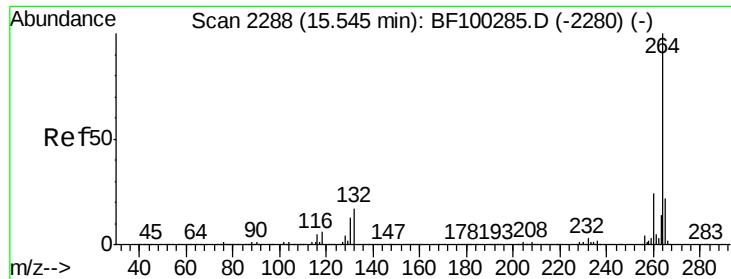


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF100653.D
Acq: 17 Nov 2017 2:19

Instrument :
BNA_F
ClientSampleId :
111417-TIDO-E-D-S

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.1	17.5	26.3

