

Data File : BF100654.D
Acq On : 17 Nov 2017 2:46
Operator : SJ/JU
Sample : I6490-07
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
111417-TIDO-E-U-B

Quant Time: Nov 17 05:52:24 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	101569	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	387929	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	165809	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	263972	20.00	ng	0.00
75) Chrysene-d12	14.04	240	211493	20.00	ng	0.00
86) Perylene-d12	15.52	264	217963	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	266753	42.10	ng	0.00
7) Phenol-d6	6.50	99	206115	26.38	ng	-0.01
23) Nitrobenzene-d5	7.45	82	543001	92.54	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	128536	76.08	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1019099	93.59	ng	0.00
78) Terphenyl-d14	12.99	244	675009	73.33	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.45	70	70248	12.96	ng	# 78
25) Isophorone	7.45	82	542906	44.03	ng	# 64
47) 2-Nitroaniline	9.24	65	1414	3.22	ng	# 4
50) 2,6-Dinitrotoluene	9.92	165	20407	8.14	ng	# 25
56) 2,4-Dinitrotoluene	9.92	165	20407	6.46	ng	# 22
66) 4-Bromophenyl-phenylether	10.70	248	7874	2.78	ng	# 1

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

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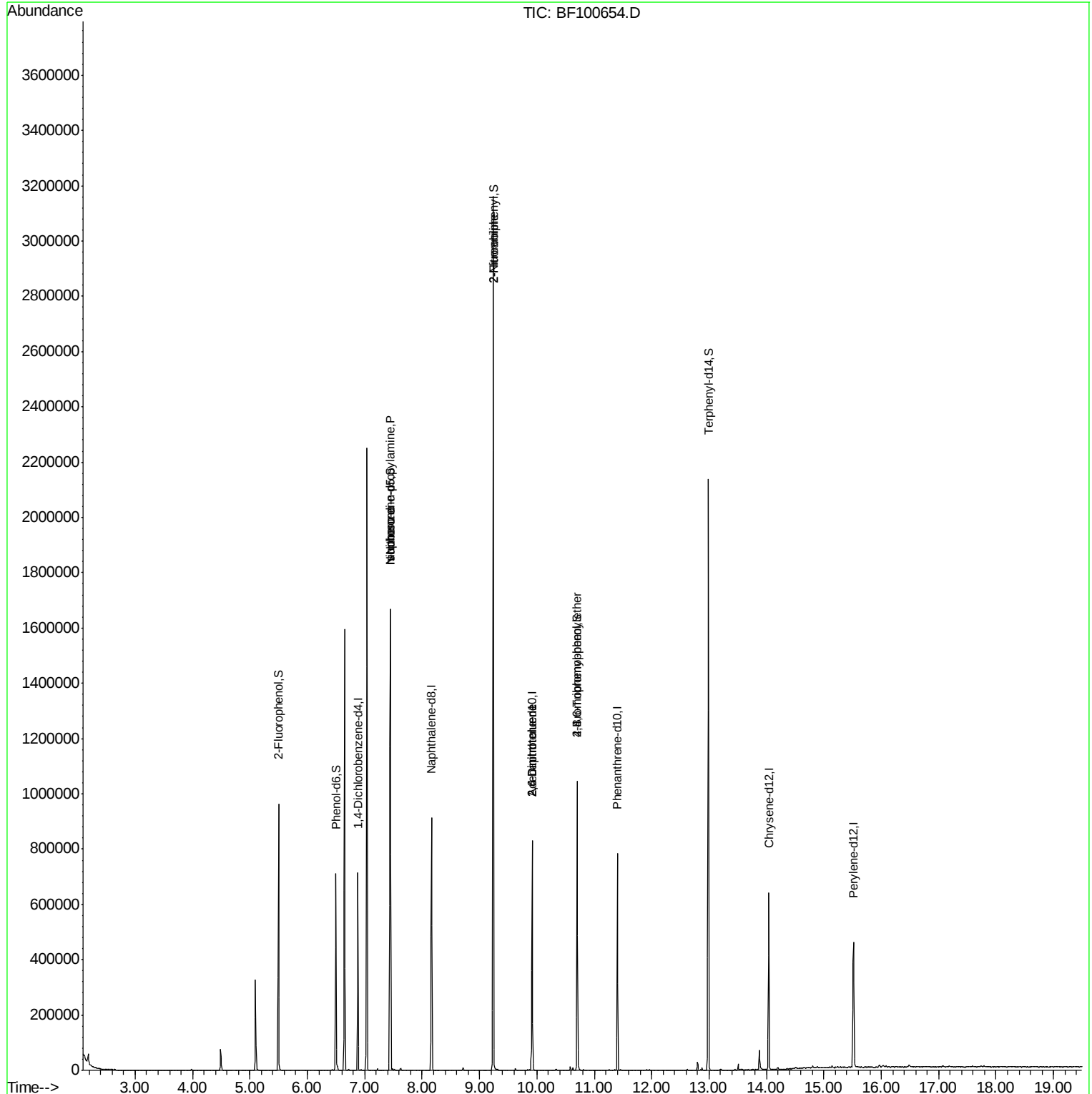
Quant Time: Nov 17 05:52:24 2017

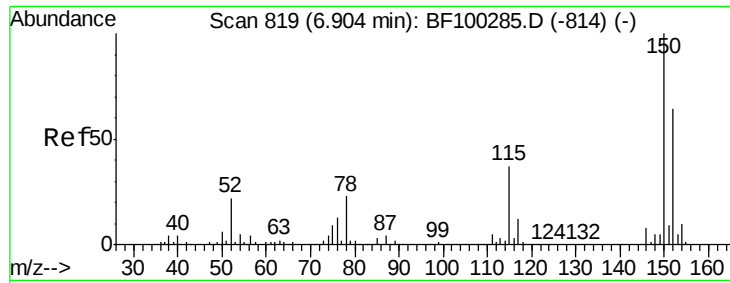
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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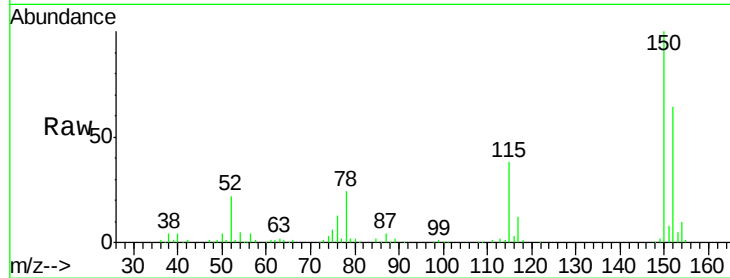


#1

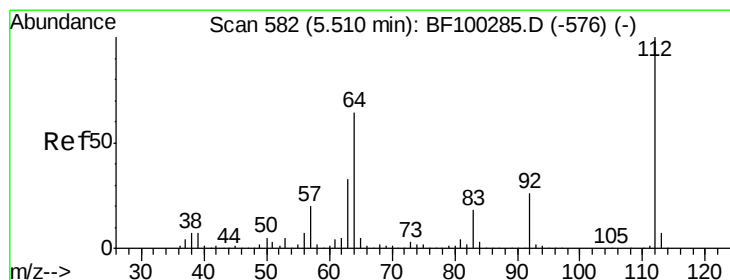
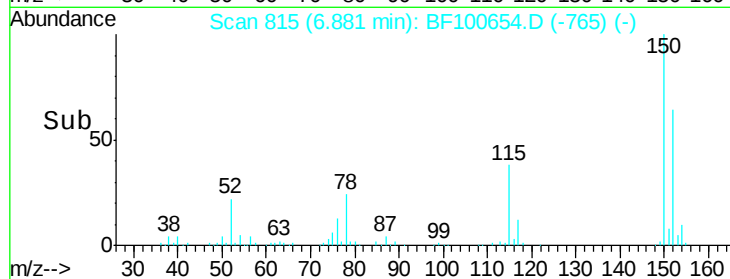
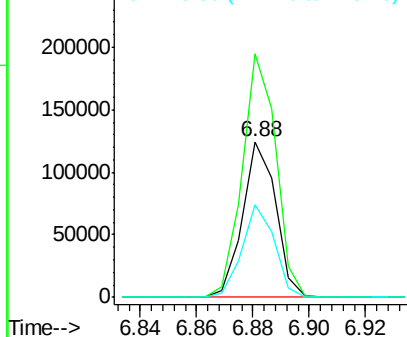
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF100654.D
Acq: 17 Nov 2017 2:46

Instrument :
BNA_F
ClientSampleId :
111417-TIDO-E-U-B

Tgt Ion:152 Resp: 101569
Ion Ratio Lower Upper
152 100
150 156.8 124.6 186.8
115 59.3 50.1 75.1



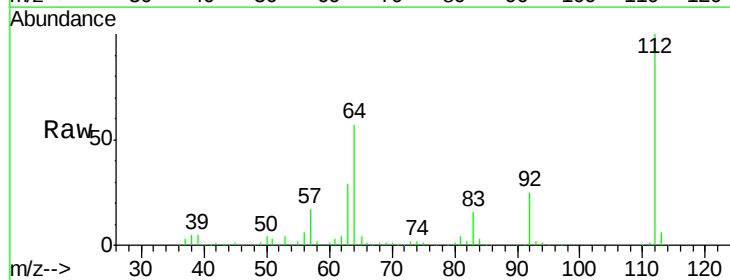
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



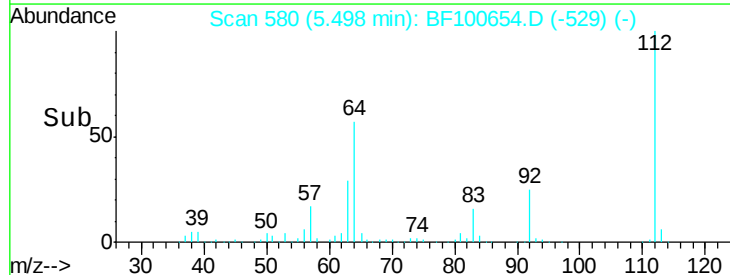
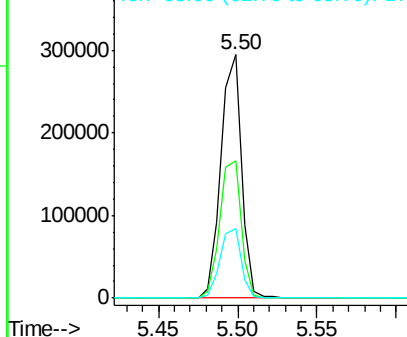
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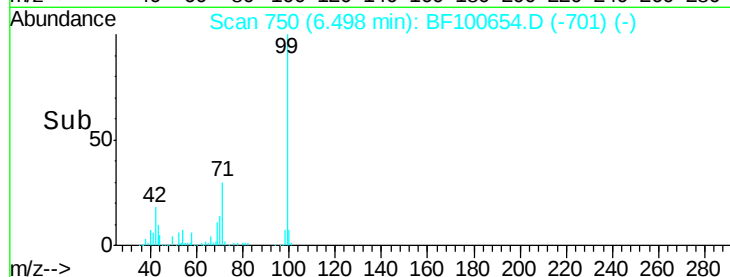
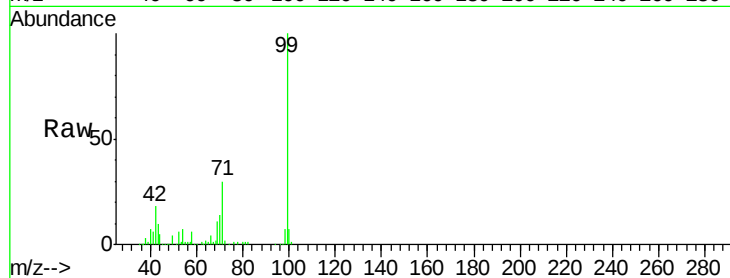
2-Fluorophenol
Concen: 42.10 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF100654.D
Acq: 17 Nov 2017 2:46

Tgt Ion:112 Resp: 266753
Ion Ratio Lower Upper
112 100
64 56.6 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: 26.38 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF100654.D

Acq: 17 Nov 2017 2:46

Instrument :

BNA_F

ClientSampleId :

111417-TIDO-E-U-B

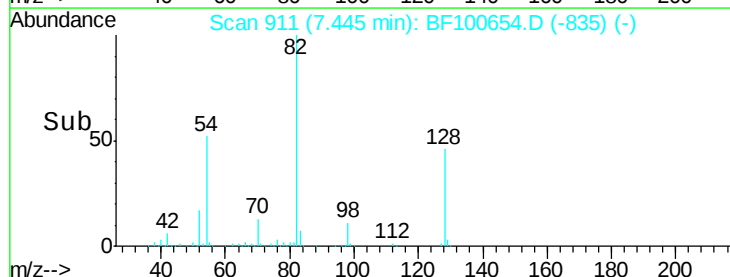
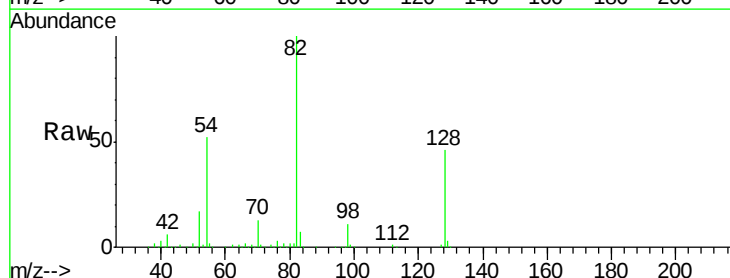
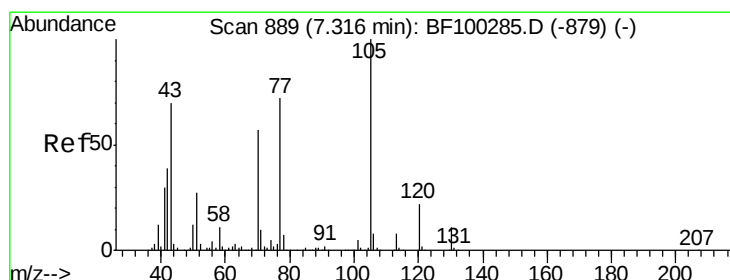
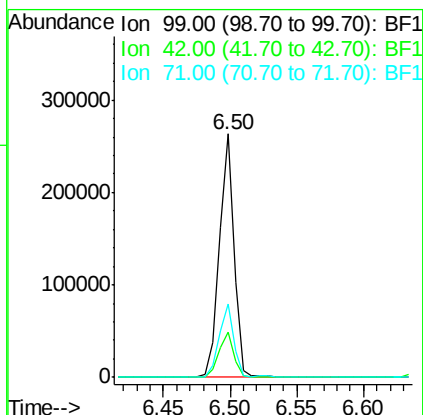
Tgt Ion: 99 Resp: 206115

Ion Ratio Lower Upper

99 100

42 18.4 14.5 21.7

71 30.2 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 12.96 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.15 min

Lab File: BF100654.D

Acq: 17 Nov 2017 2:46

Tgt Ion: 70 Resp: 70248

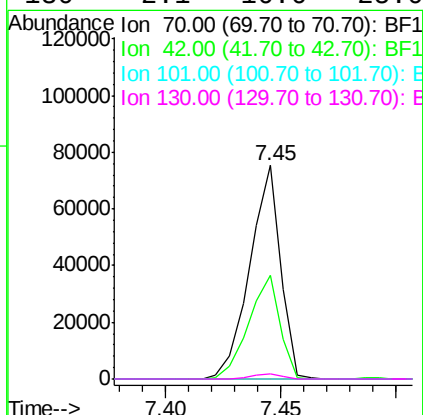
Ion Ratio Lower Upper

70 100

42 48.6 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

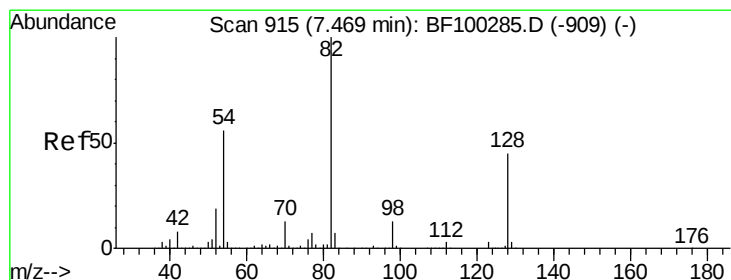
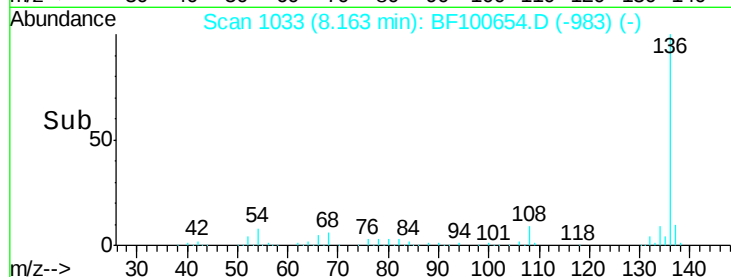
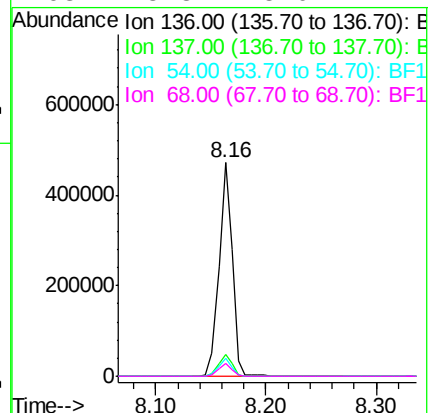
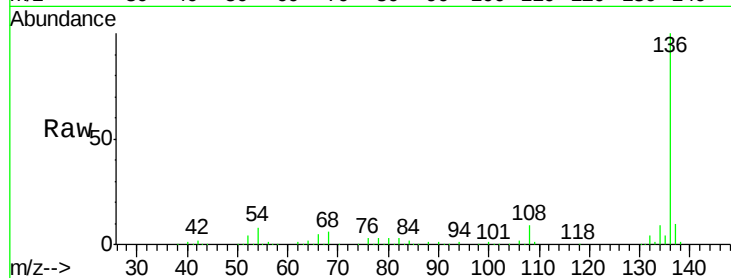




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100654.D
Acq: 17 Nov 2017 2:46

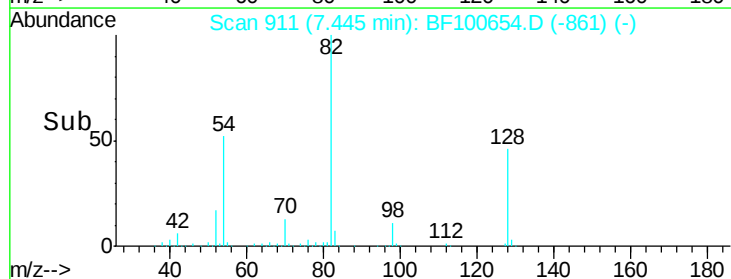
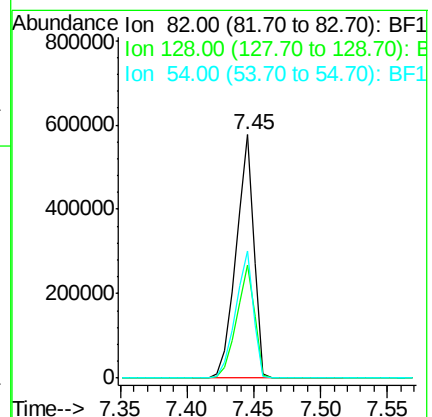
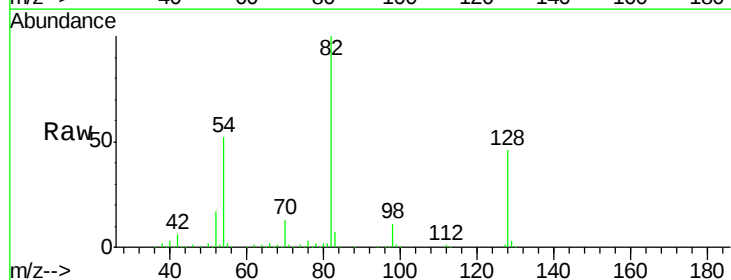
Instrument :
BNA_F
ClientSampleId :
111417-TIDO-E-U-B

Tgt Ion:	136	Resp:	387929
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.9	13.3
54	8.2	6.6	9.8
68	5.8	5.0	7.4



#23
Nitrobenzene-d5
Concen: 92.54 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100654.D
Acq: 17 Nov 2017 2:46

Tgt Ion:	82	Resp:	543001
Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.1	54.1
54	52.1	41.4	62.2





#25

Isophorone

Concen: 44.03 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.26 min

Lab File: BF100654.D

Acq: 17 Nov 2017 2:46

Instrument :

BNA_F

ClientSampleId :

111417-TIDO-E-U-B

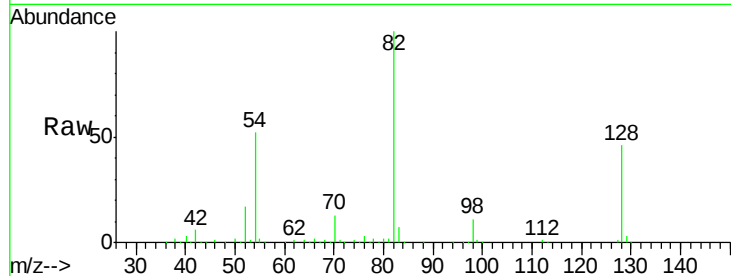
Tgt Ion: 82 Resp: 542906

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

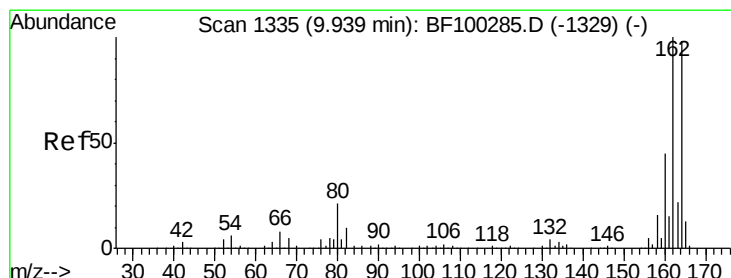
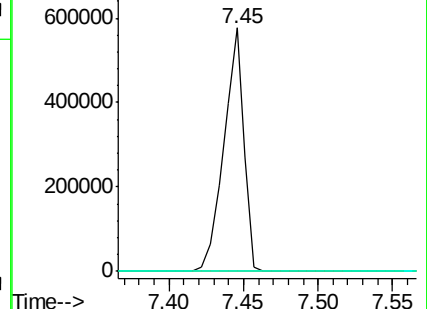
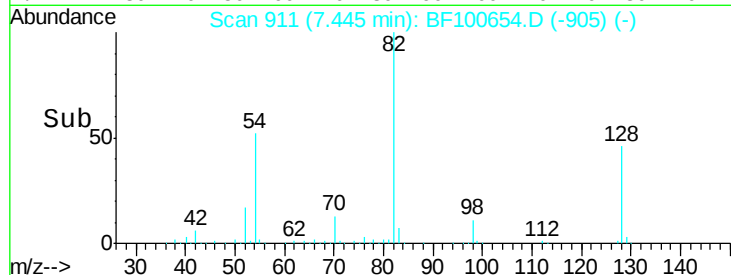
138 0.0 14.9 22.3#



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: BF100654.D

Acq: 17 Nov 2017 2:46

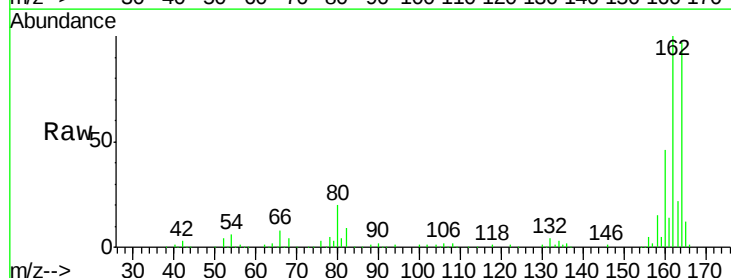
Tgt Ion: 164 Resp: 165809

Ion Ratio Lower Upper

164 100

162 103.3 86.1 129.1

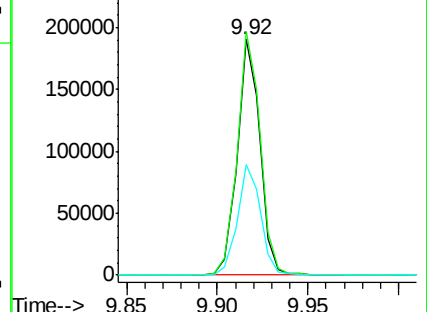
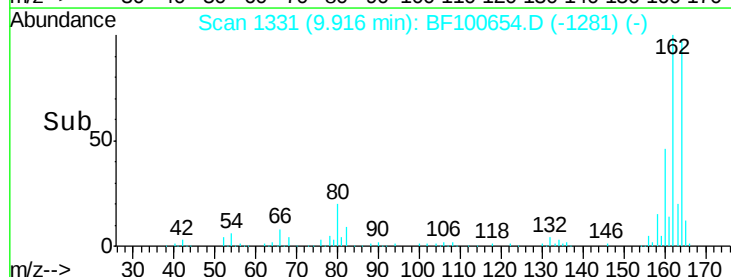
160 47.1 38.3 57.5

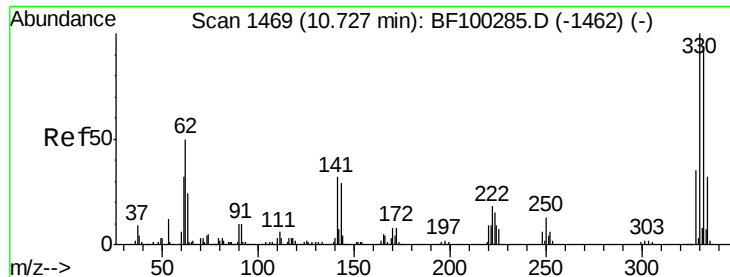


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

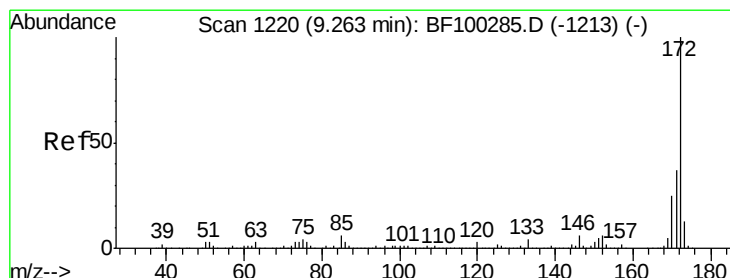
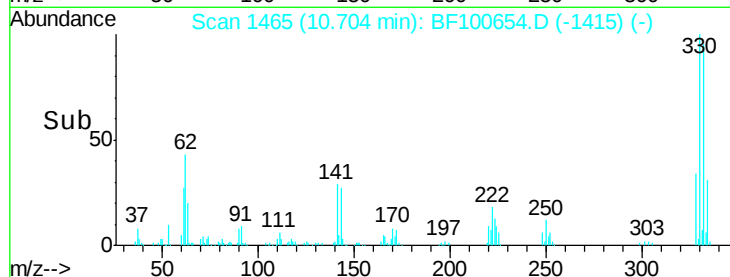
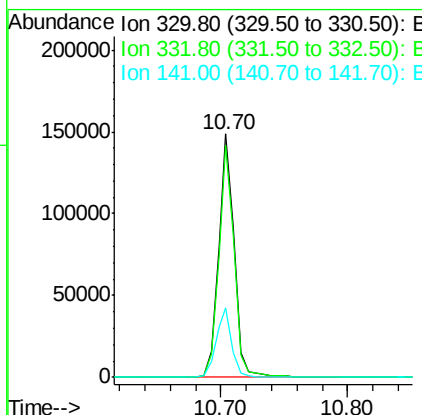
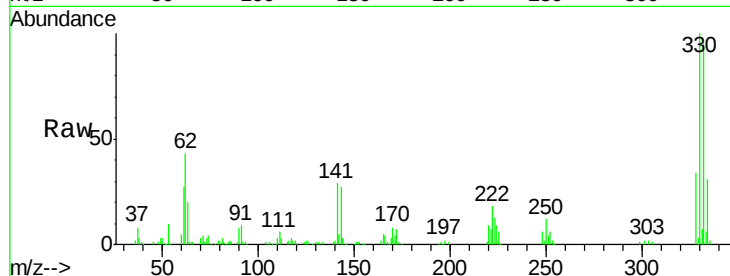




#41
 2,4,6-Tribromophenol
 Concen: 76.08 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100654.D
 Acq: 17 Nov 2017 2:46

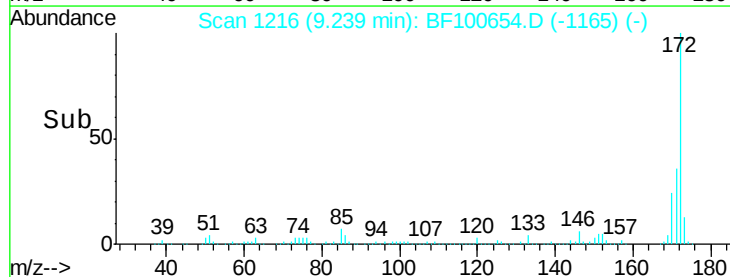
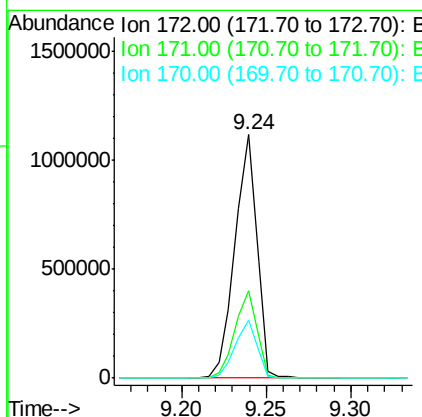
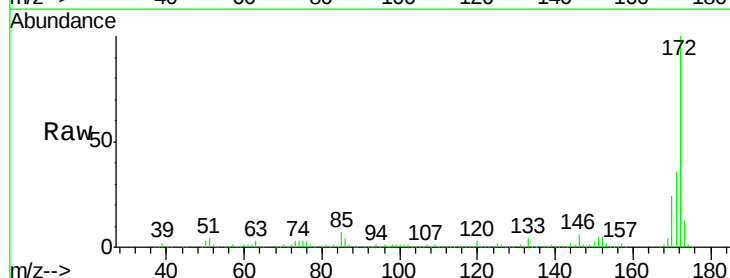
Instrument :
 BNA_F
 ClientSampleId :
 111417-TIDO-E-U-B

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.0	115.6
141	28.4	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 93.59 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.00 min
 Lab File: BF100654.D
 Acq: 17 Nov 2017 2:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.0	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: BF100654.D

Acq: 17 Nov 2017 2:46

Instrument :

BNA_F

ClientSampleId :

111417-TIDO-E-U-B

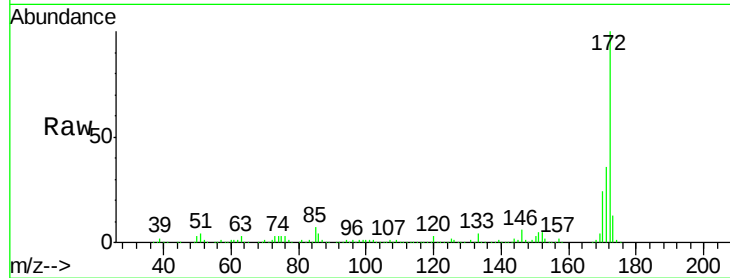
Tgt Ion: 65 Resp: 1414

Ion Ratio Lower Upper

65 100

92 207.6 55.8 83.6#

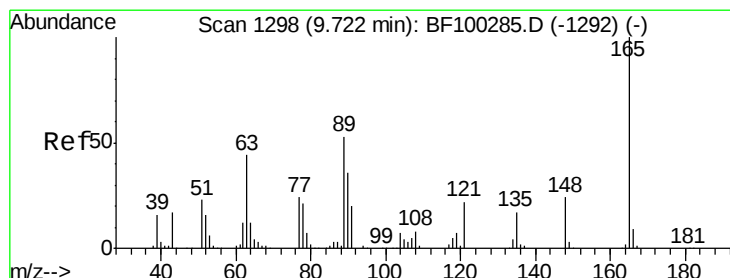
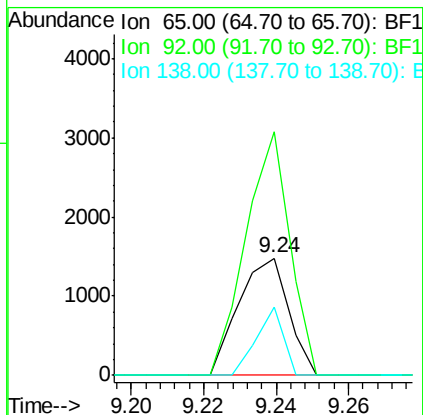
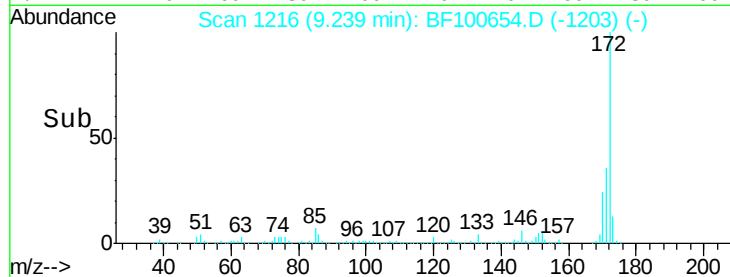
138 58.0 91.2 136.8#



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: 8.14 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.21 min

Lab File: BF100654.D

Acq: 17 Nov 2017 2:46

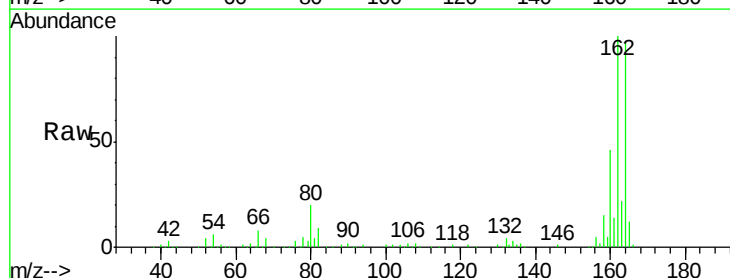
Tgt Ion: 165 Resp: 20407

Ion Ratio Lower Upper

165 100

63 1.9 44.7 67.1#

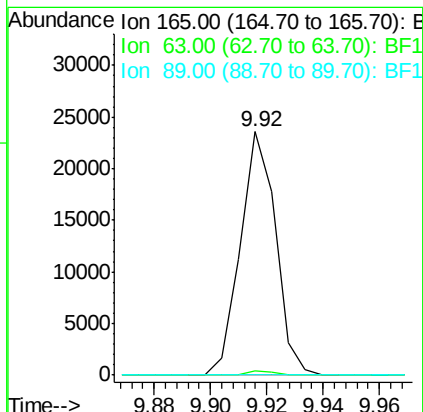
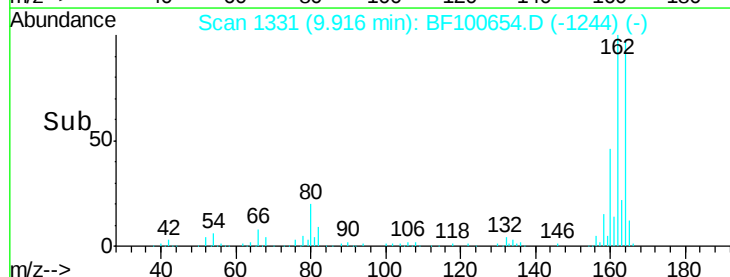
89 0.0 44.0 66.0#

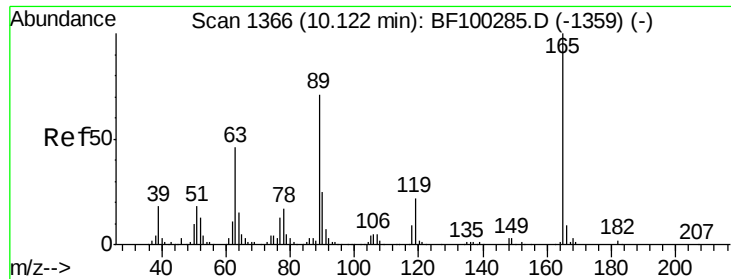


Abundance Ion 165.00 (164.70 to 165.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

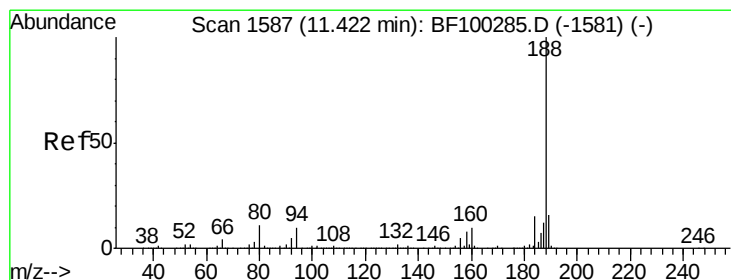
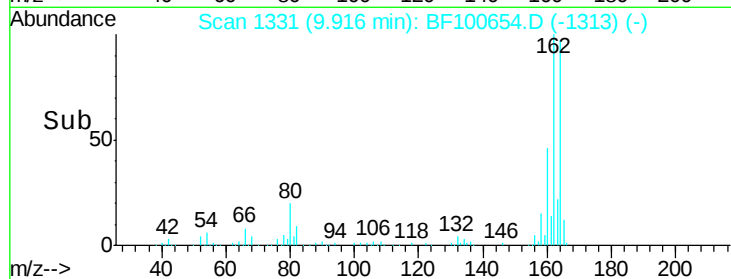
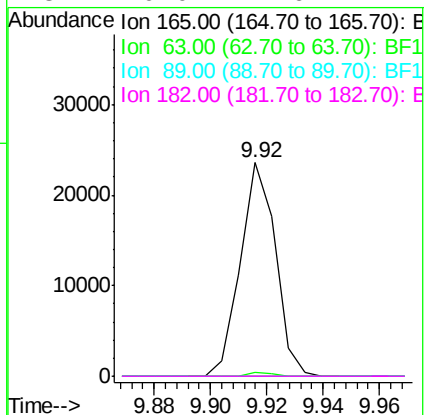
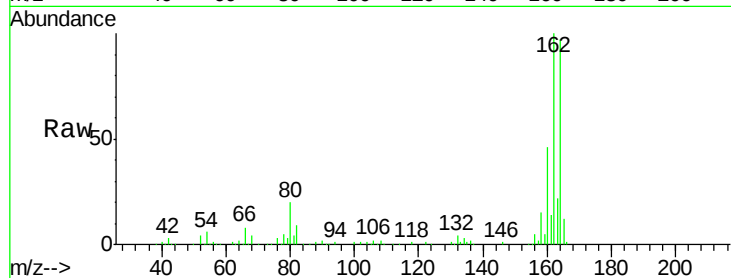




#56
 2,4-Dinitrotoluene
 Concen: 6.46 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF100654.D
 Acq: 17 Nov 2017 2:46

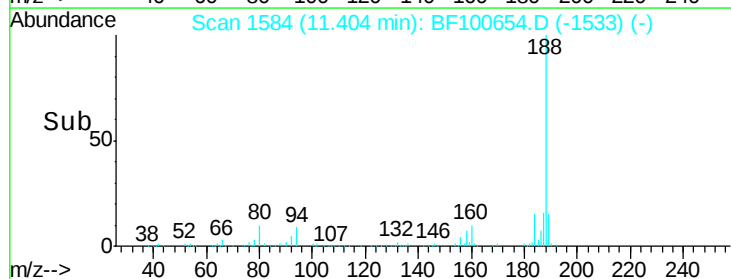
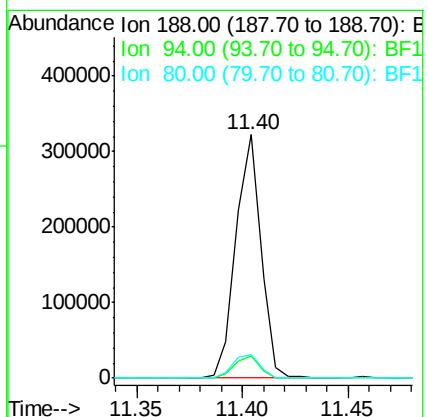
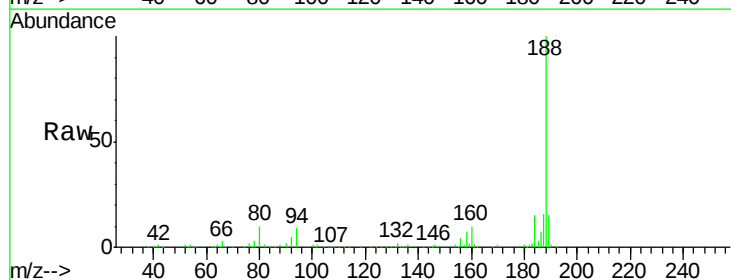
Instrument :
 BNA_F
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 111417-TIDO-E-U-B

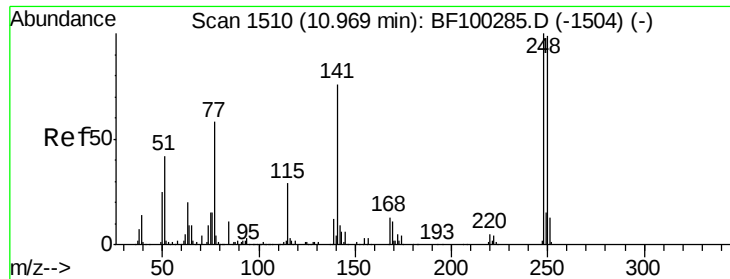
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF100654.D
 Acq: 17 Nov 2017 2:46

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	9.8	9.2	13.8

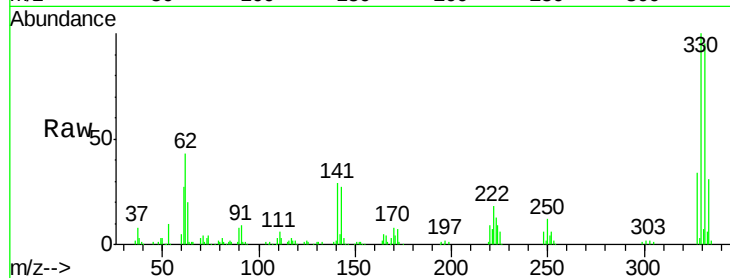




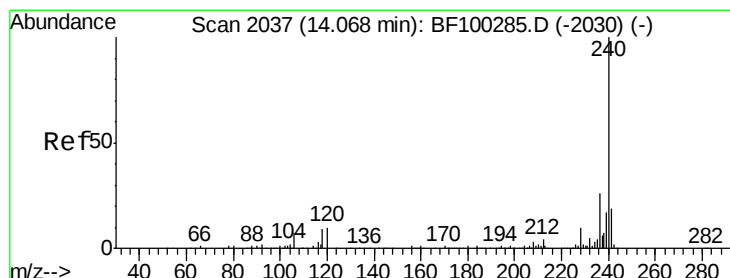
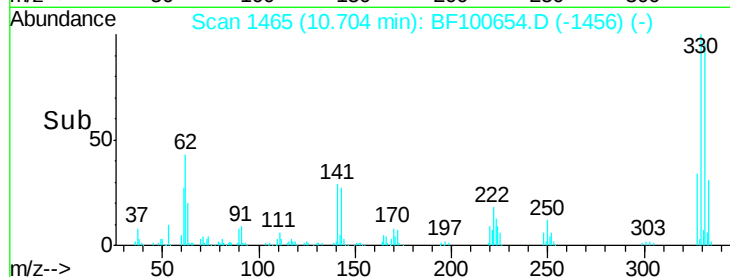
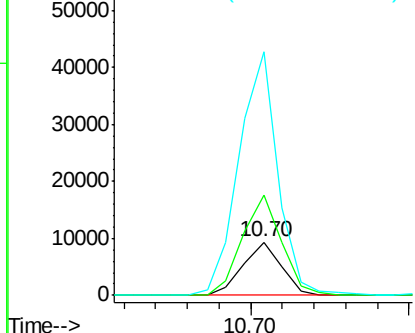
#66
4-Bromophenyl-phenylether
Concen: 2.78 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF100654.D
Acq: 17 Nov 2017 2:46

Instrument :
BNA_F
ClientSampleId :
111417-TIDO-E-U-B

Tgt Ion:248 Resp: 7874
Ion Ratio Lower Upper
248 100
250 189.0 76.9 115.3#
141 457.8 74.4 111.6#

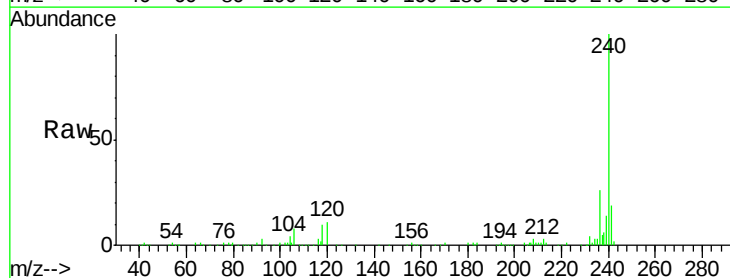


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

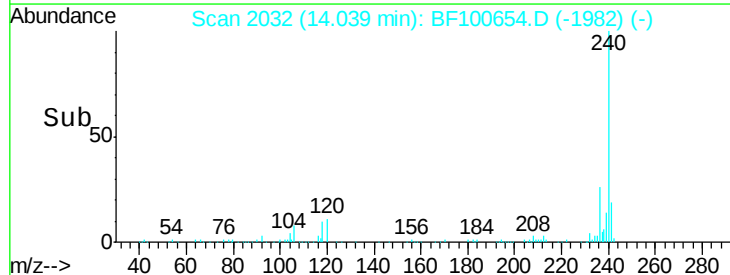
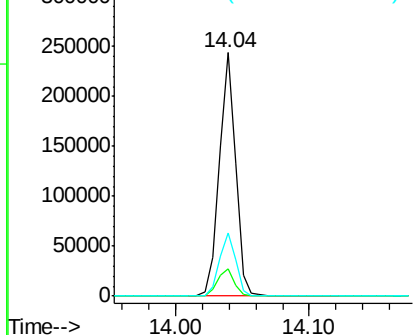


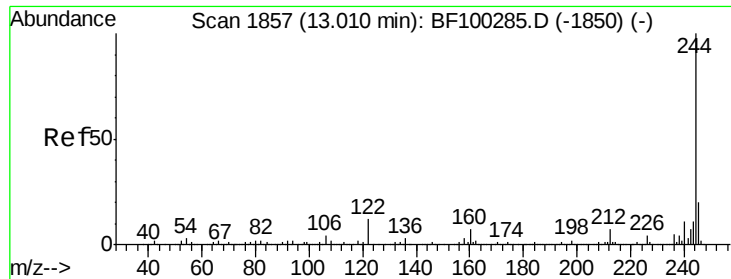
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF100654.D
Acq: 17 Nov 2017 2:46

Tgt Ion:240 Resp: 211493
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

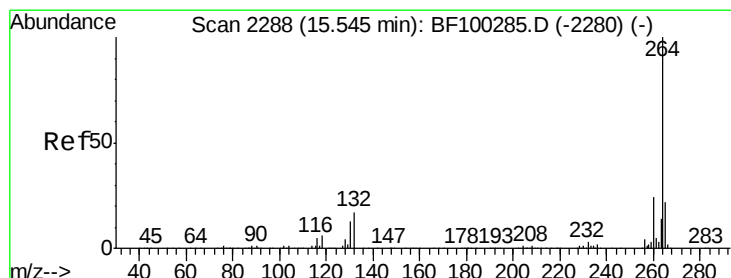
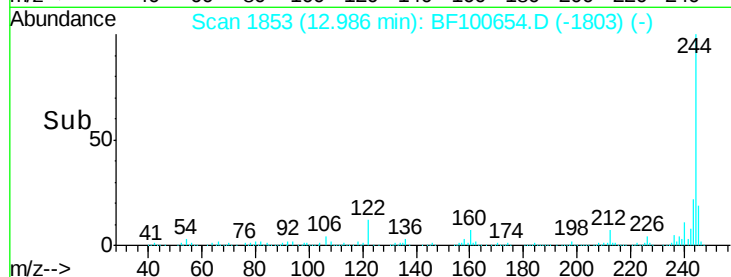
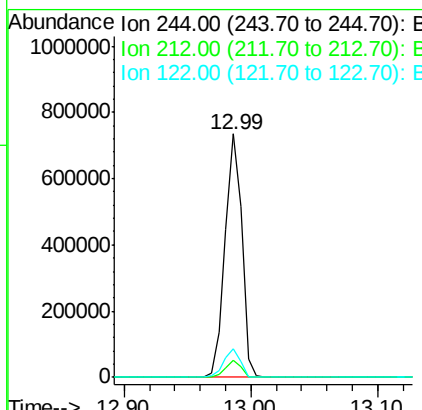
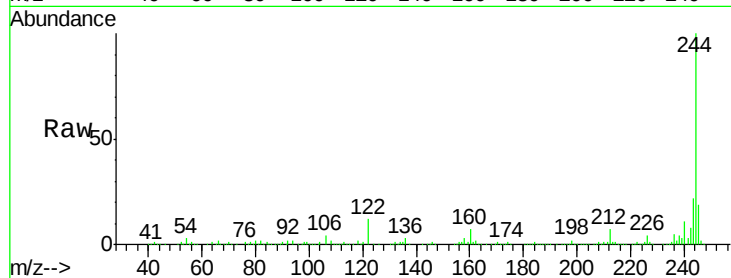




#78
 Terphenyl-d14
 Concen: 73.33 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BF100654.D
 Acq: 17 Nov 2017 2:46

Instrument :
 BNA_F
 ClientSampleId :
 111417-TIDO-E-U-B

Tgt Ion: 244 Resp: 675009
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 11.9 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.52 min Scan# 2283
 Delta R.T. 0.00 min
 Lab File: BF100654.D
 Acq: 17 Nov 2017 2:46

Tgt Ion: 264 Resp: 217963
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 21.4 17.5 26.3

