

Data File : BF100652.D
Acq On : 17 Nov 2017 1:53
Operator : SJ/JU
Sample : I6490-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

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

Quant Time: Nov 17 03:00:41 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	108424	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	416782	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	182086	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	287763	20.00	ng	0.00
75) Chrysene-d12	14.04	240	224773	20.00	ng	0.00
86) Perylene-d12	15.52	264	217082	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	271423	40.13	ng	0.00
7) Phenol-d6	6.50	99	211117	25.31	ng	-0.01
23) Nitrobenzene-d5	7.45	82	555916	88.18	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	123122	66.36	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1036057	86.64	ng	0.00
78) Terphenyl-d14	12.99	244	690462	70.58	ng	0.00

Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.45	70	71573	12.37	ng	# 80
25) Isophorone	7.45	82	553997	41.82	ng	# 64
47) 2-Nitroaniline	9.24	65	1524	3.21	ng	# 7
50) 2,6-Dinitrotoluene	9.92	165	23055	8.38	ng	# 25
56) 2,4-Dinitrotoluene	9.92	165	23055	6.64	ng	# 22
66) 4-Bromophenyl-phenylether	10.70	248	7766	2.52	ng	# 1

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

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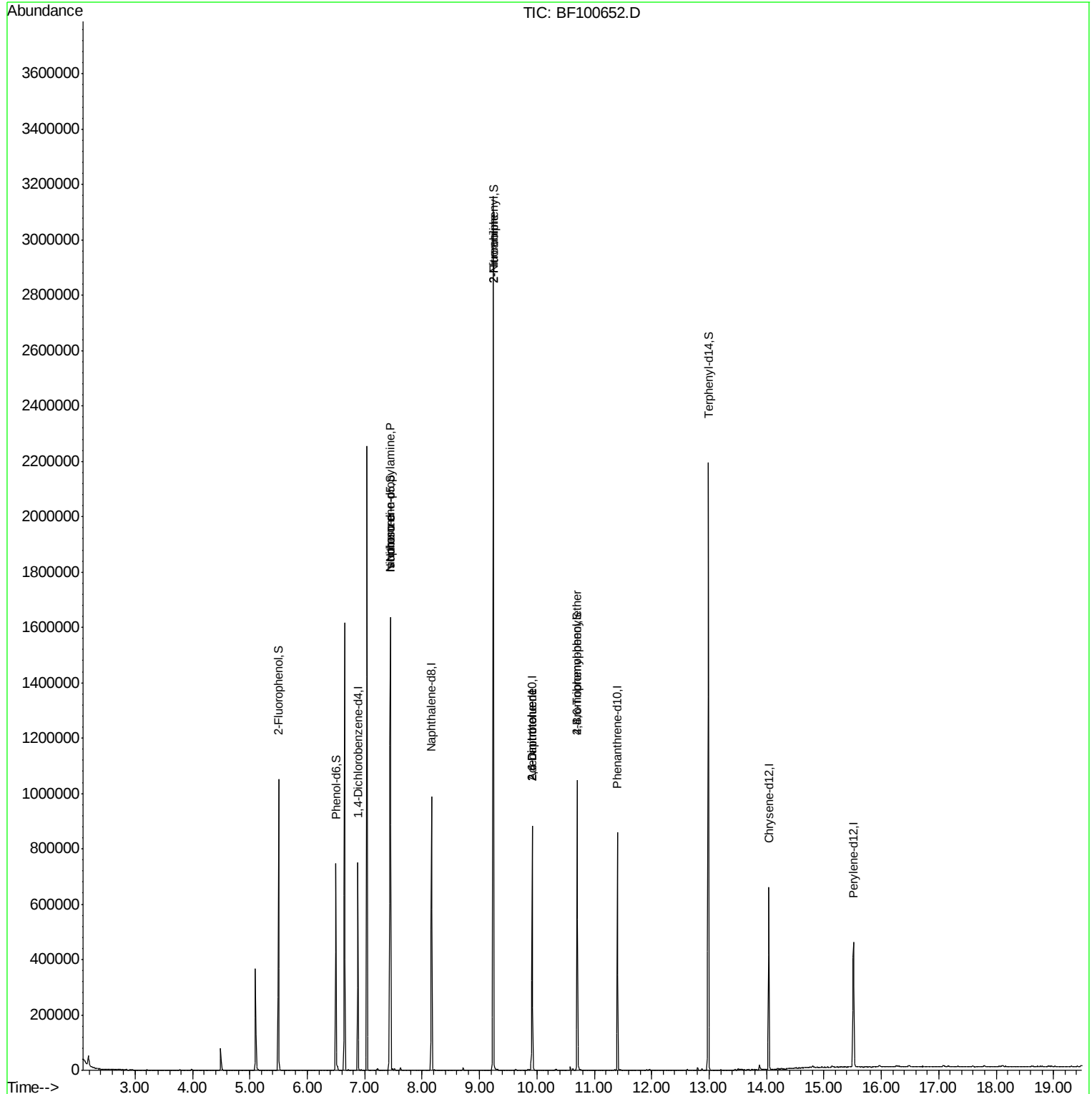
Quant Time: Nov 17 03:00:41 2017

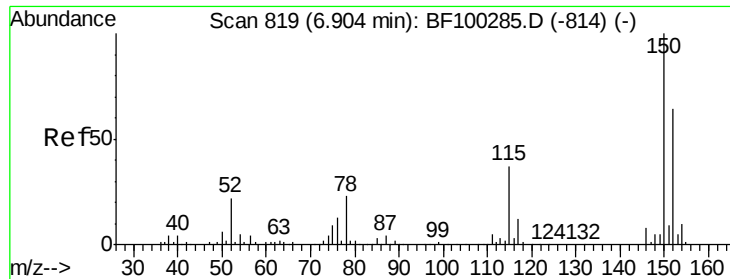
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M

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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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Instrument :

BNA_F

ClientSampleId :

111417-TIDO-E-D-B

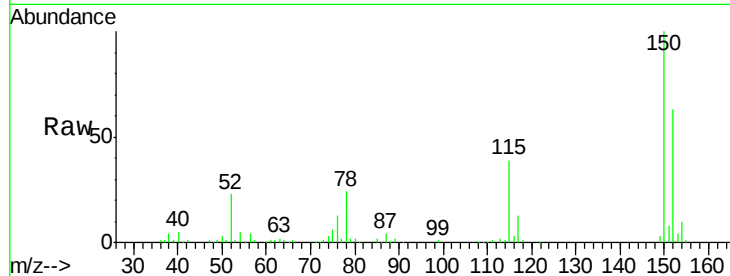
Tgt Ion:152 Resp: 108424

Ion Ratio Lower Upper

152 100

150 157.5 124.6 186.8

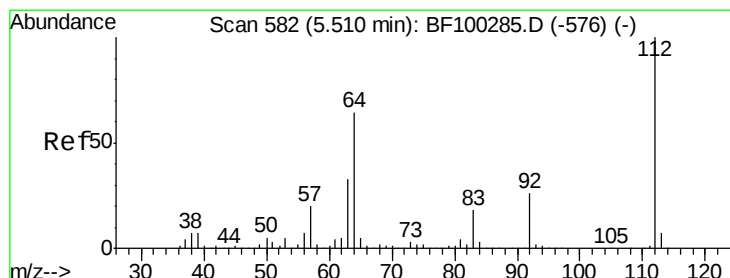
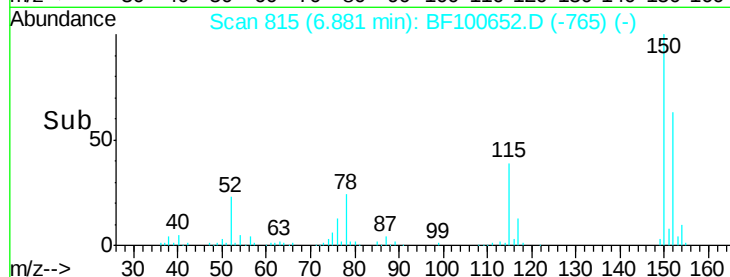
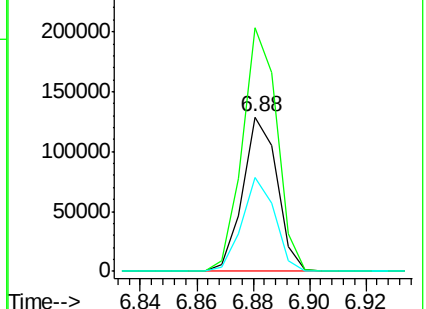
115 61.0 50.1 75.1



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: 40.13 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.00 min

Lab File: BF100652.D

Acq: 17 Nov 2017 1:53

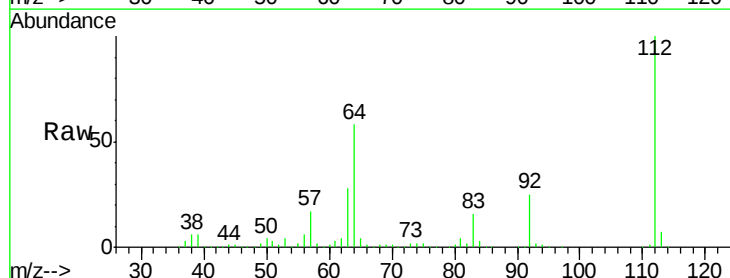
Tgt Ion:112 Resp: 271423

Ion Ratio Lower Upper

112 100

64 58.4 47.9 71.9

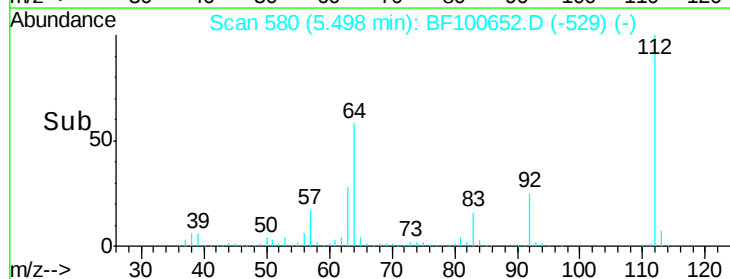
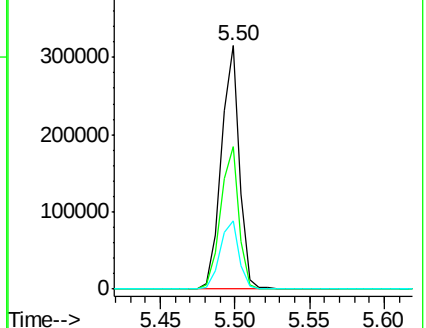
63 27.9 23.7 35.5

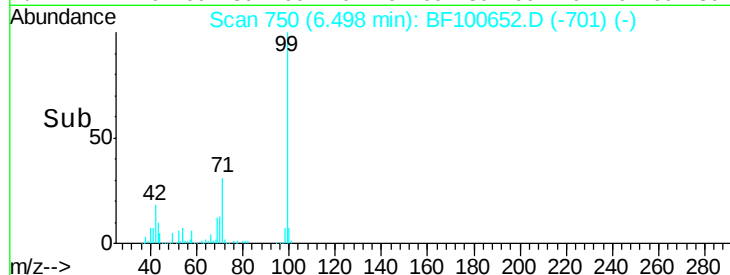
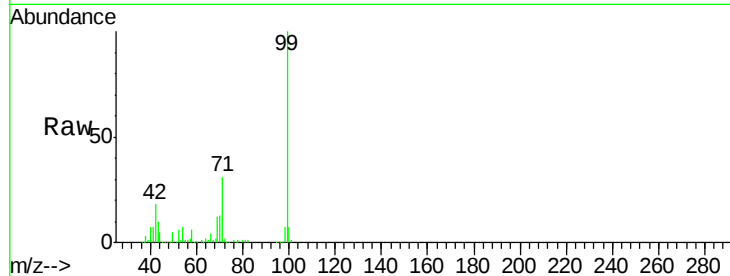


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 25.31 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF100652.D

Acq: 17 Nov 2017 1:53

Instrument :

BNA_F

ClientSampleId :

111417-TIDO-E-D-B

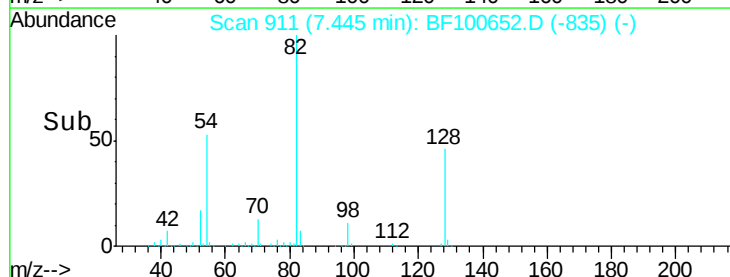
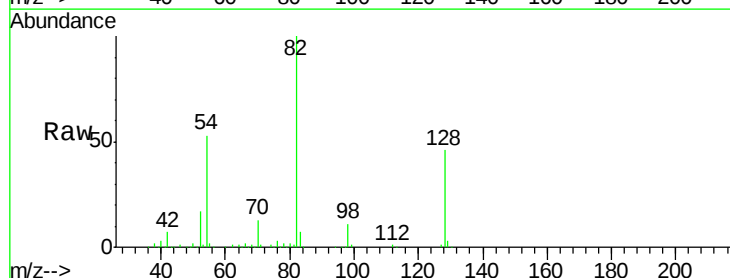
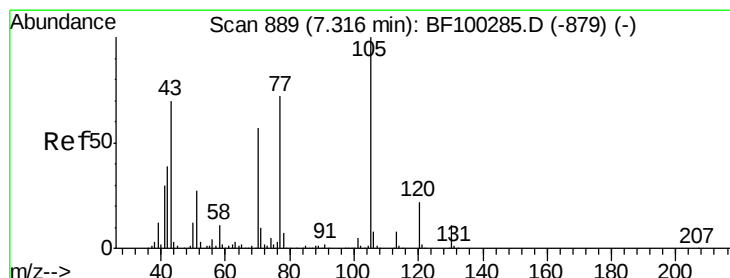
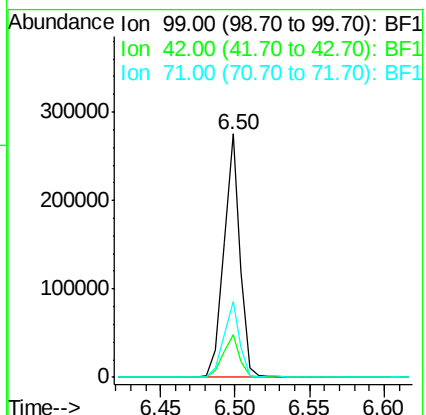
Tgt Ion: 99 Resp: 211117

Ion Ratio Lower Upper

99 100

42 17.7 14.5 21.7

71 31.4 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 12.37 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.15 min

Lab File: BF100652.D

Acq: 17 Nov 2017 1:53

Tgt Ion: 70 Resp: 71573

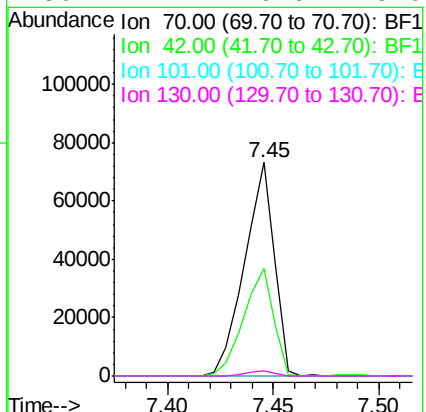
Ion Ratio Lower Upper

70 100

42 50.6 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

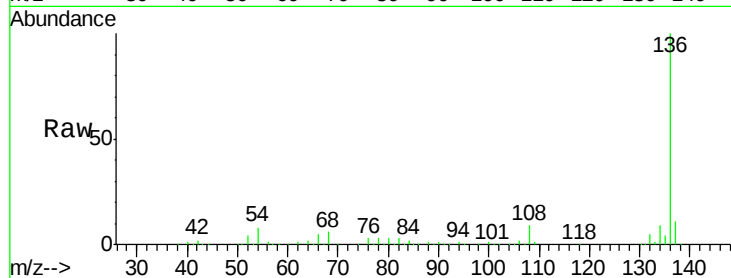




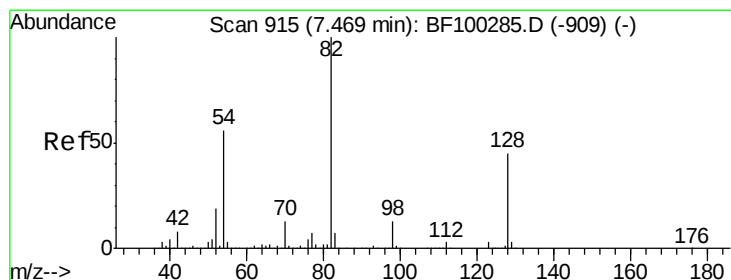
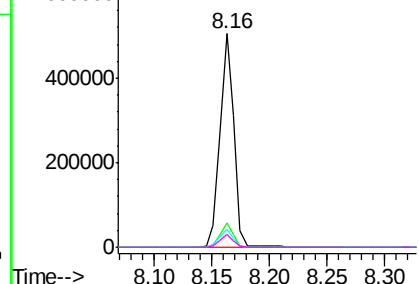
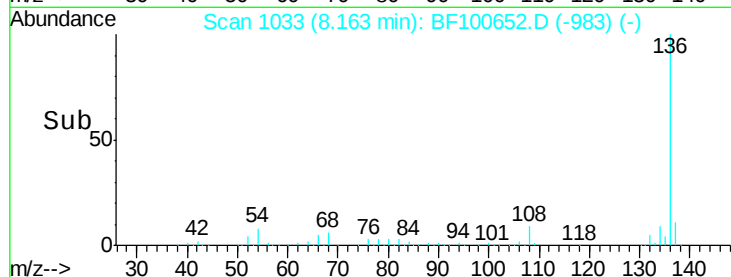
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100652.D
Acq: 17 Nov 2017 1:53

Instrument :
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ClientSampleId :
111417-TIDO-E-D-B

Tgt Ion:	136	Resp:	416782
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.5	6.6	9.8
68	5.9	5.0	7.4

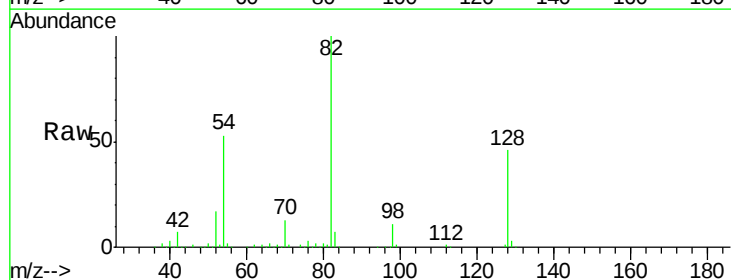


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

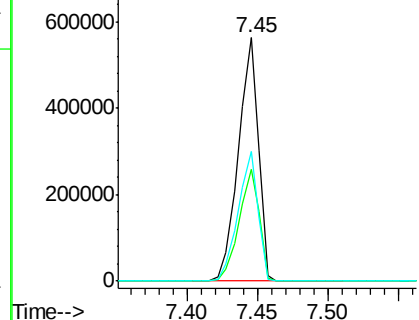
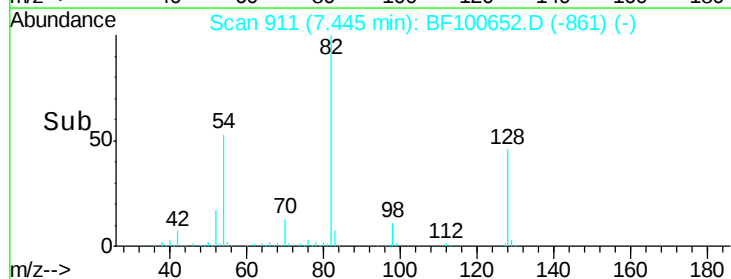


#23
Nitrobenzene-d5
Concen: 88.18 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100652.D
Acq: 17 Nov 2017 1:53

Tgt Ion:	82	Resp:	555916
Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.1	54.1
54	53.3	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: 41.82 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.26 min

Lab File: BF100652.D

Acq: 17 Nov 2017 1:53

Instrument :

BNA_F

ClientSampleId :

111417-TIDO-E-D-B

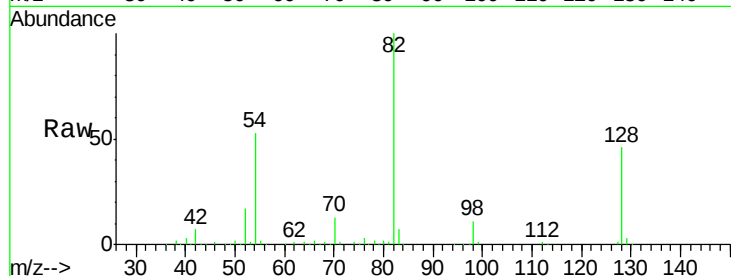
Tgt Ion: 82 Resp: 553997

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

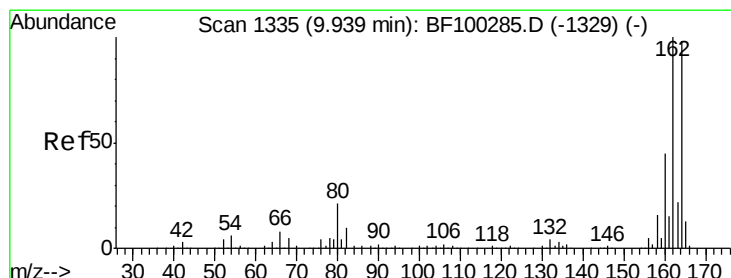
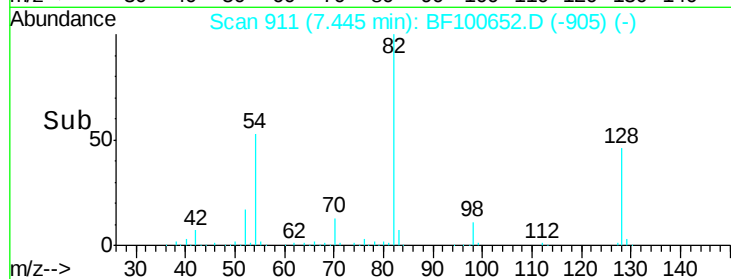
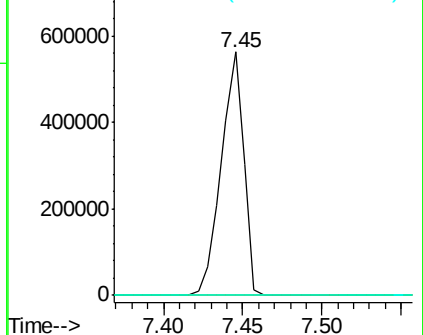
138 0.0 14.9 22.3#



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: BF100652.D

Acq: 17 Nov 2017 1:53

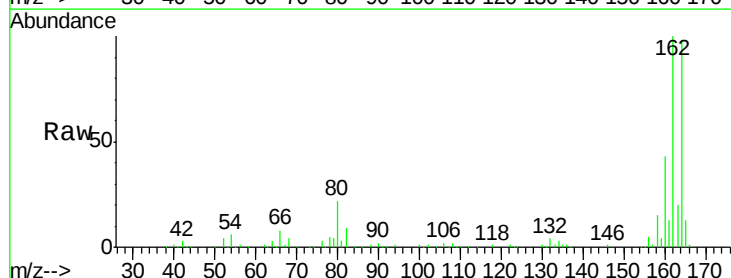
Tgt Ion: 164 Resp: 182086

Ion Ratio Lower Upper

164 100

162 102.2 86.1 129.1

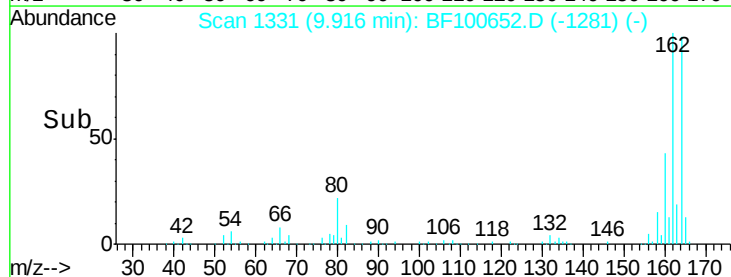
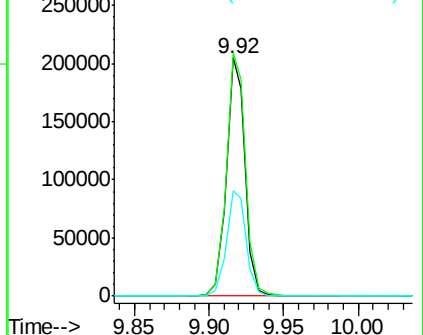
160 44.4 38.3 57.5

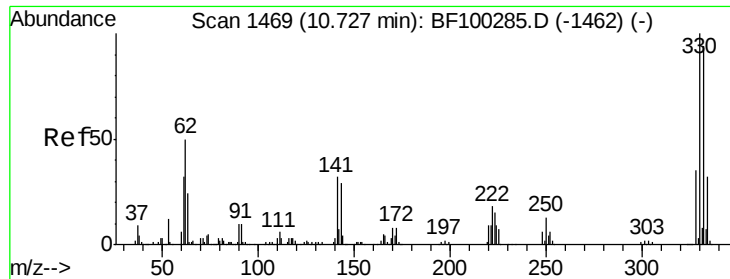


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

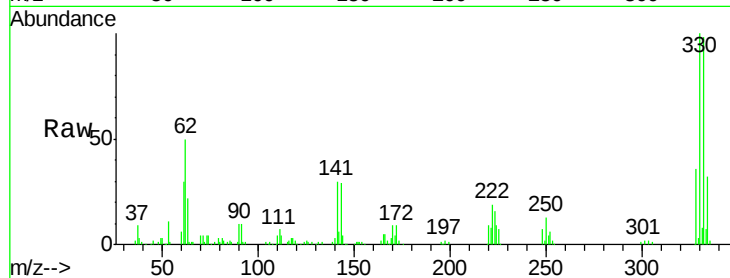




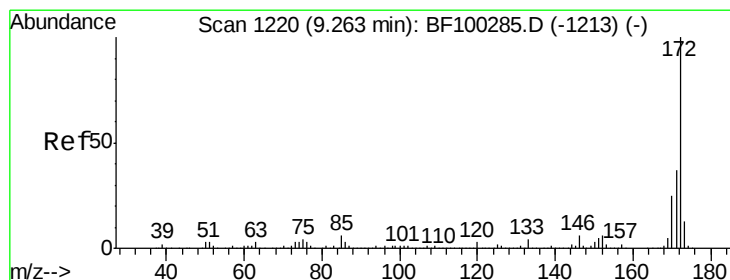
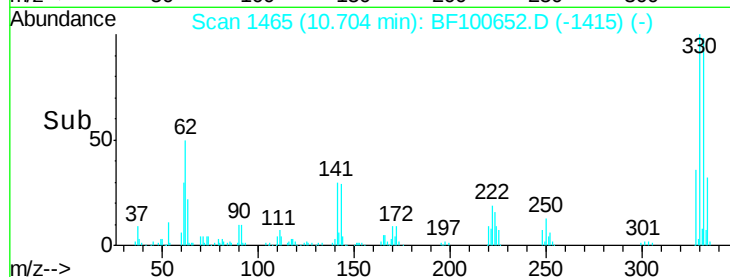
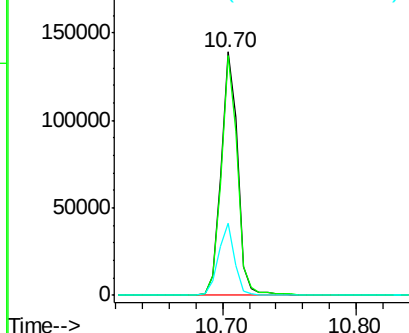
#41
 2,4,6-Tribromophenol
 Concen: 66.36 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100652.D
 Acq: 17 Nov 2017 1:53

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

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	28.7	29.9	44.9#

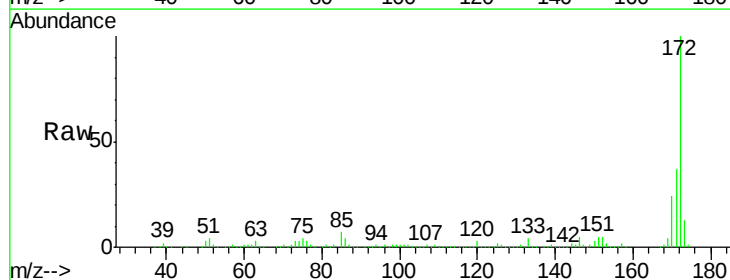


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

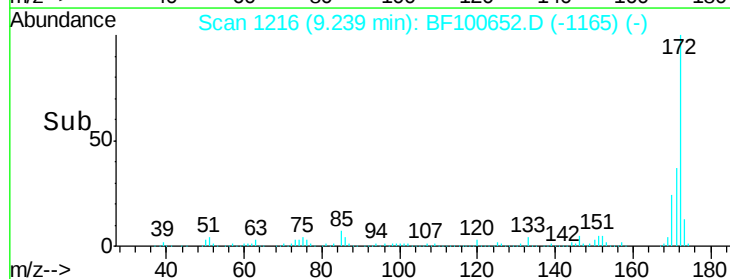
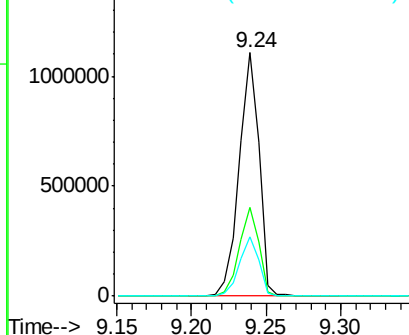


#44
 2-Fluorobiphenyl
 Concen: 86.64 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.00 min
 Lab File: BF100652.D
 Acq: 17 Nov 2017 1:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	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: 3.21 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.22 min

Lab File: BF100652.D

Acq: 17 Nov 2017 1:53

Instrument :

BNA_F

ClientSampleId :

111417-TIDO-E-D-B

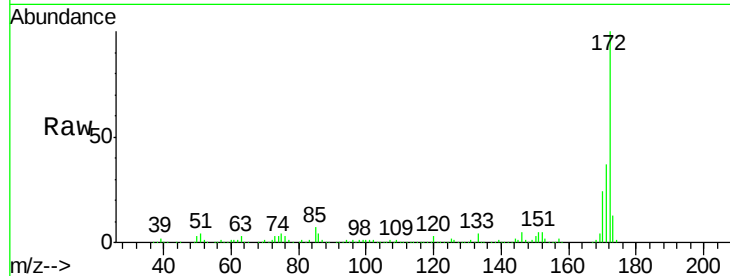
Tgt Ion: 65 Resp: 1524

Ion Ratio Lower Upper

65 100

92 177.9 55.8 83.6#

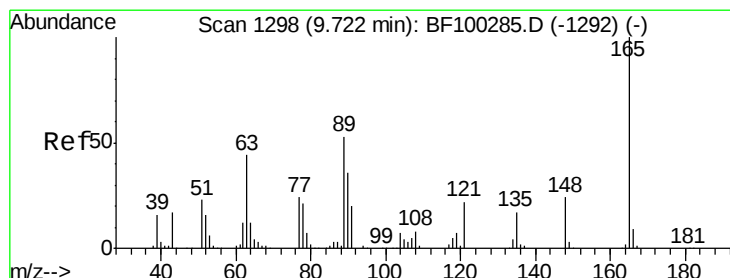
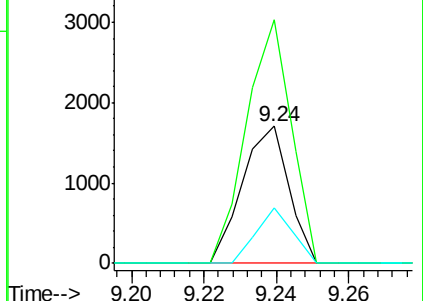
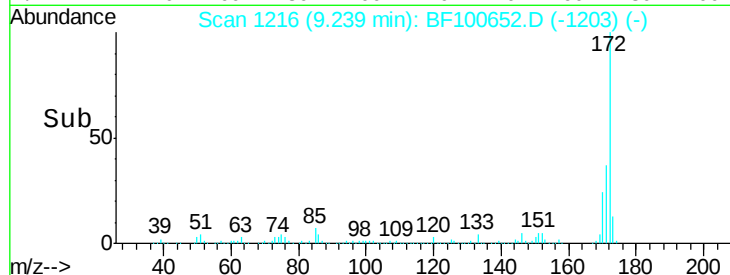
138 40.3 91.2 136.8#



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: 8.38 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.21 min

Lab File: BF100652.D

Acq: 17 Nov 2017 1:53

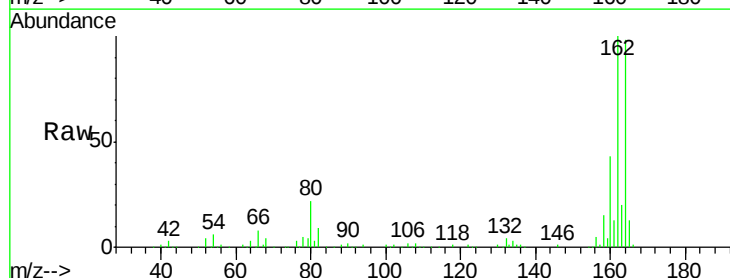
Tgt Ion: 165 Resp: 23055

Ion Ratio Lower Upper

165 100

63 1.3 44.7 67.1#

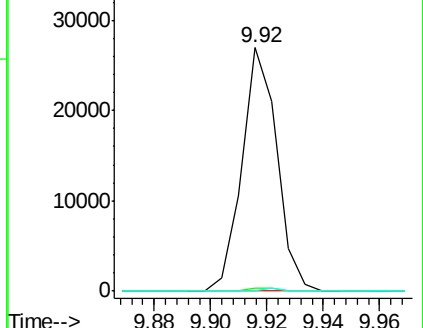
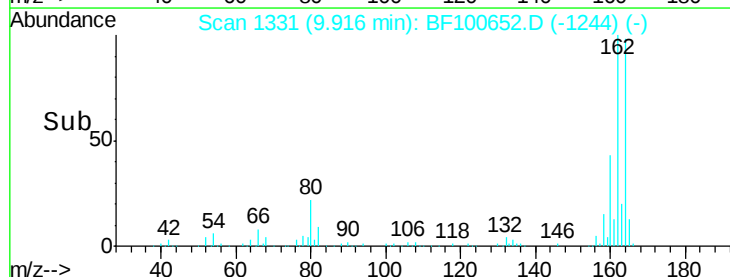
89 0.0 44.0 66.0#



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

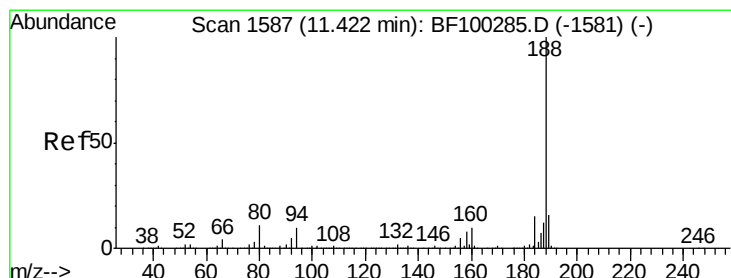
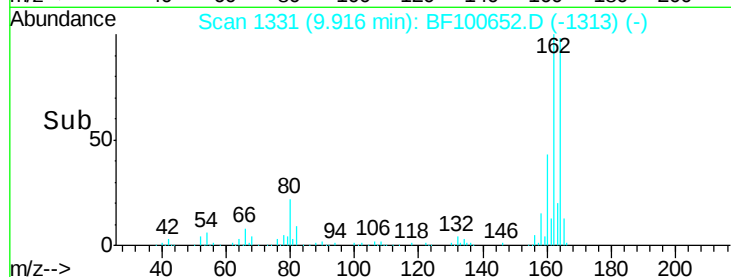
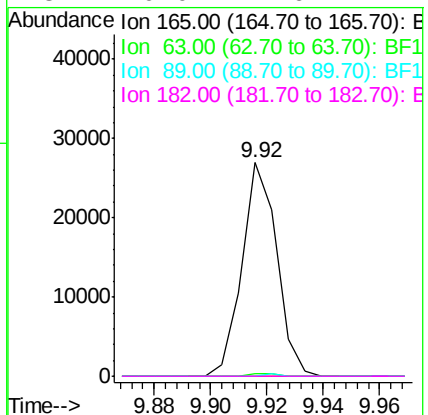
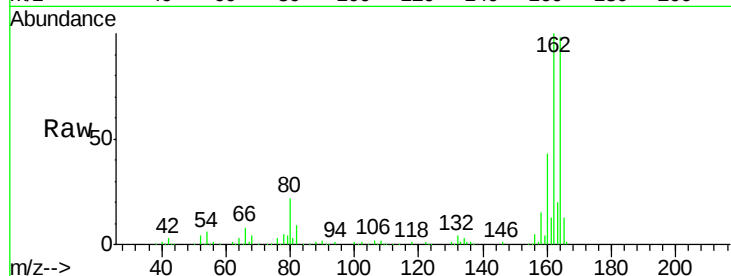




#56
2,4-Dinitrotoluene
Concen: 6.64 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF100652.D
Acq: 17 Nov 2017 1:53

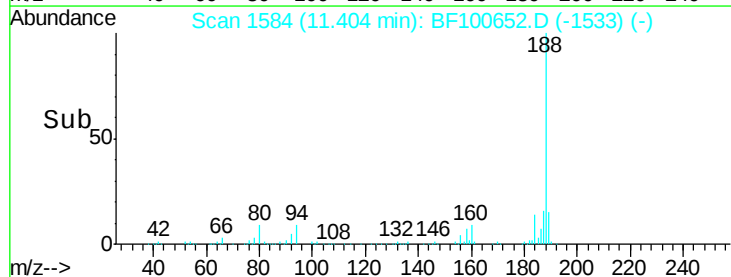
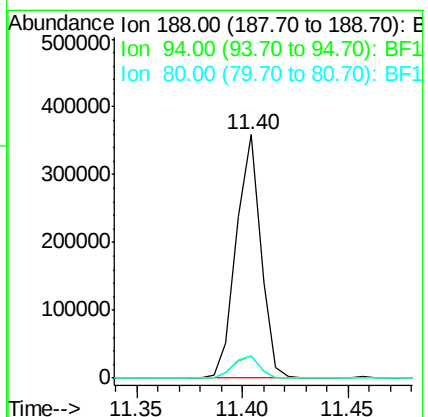
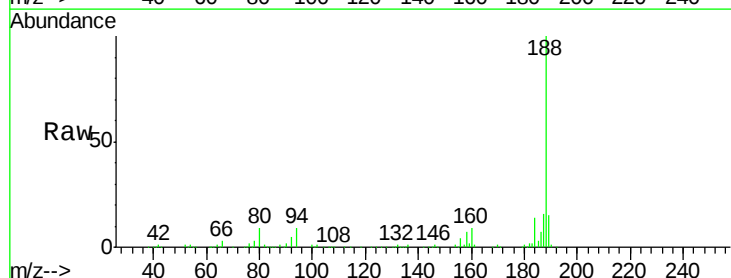
Instrument :
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111417-TIDO-E-D-B

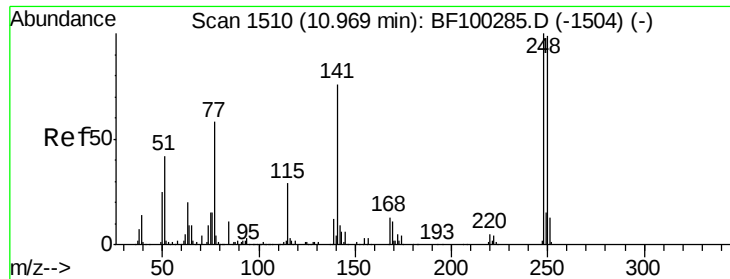
Tgt Ion:	165	Resp:	23055
Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF100652.D
Acq: 17 Nov 2017 1:53

Tgt Ion:	188	Resp:	287763
Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	9.1	9.2	13.8#

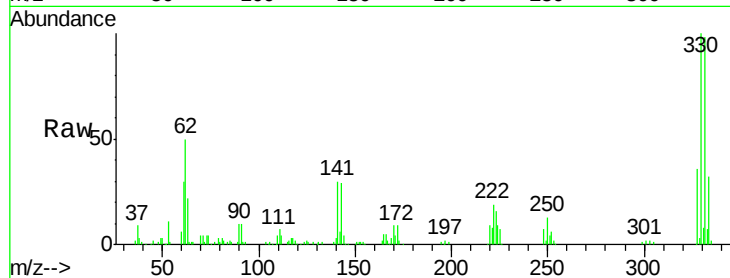




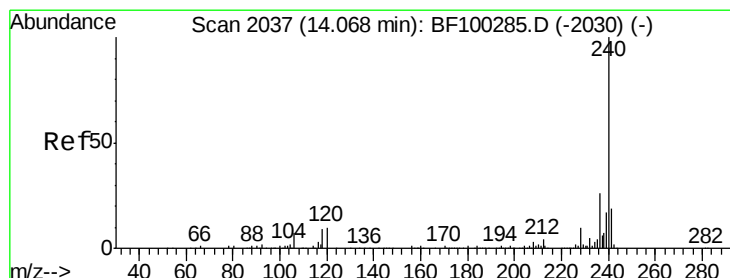
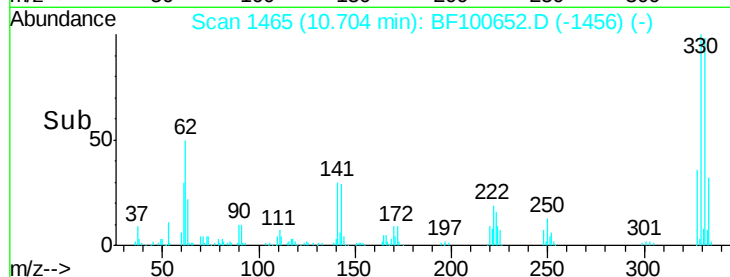
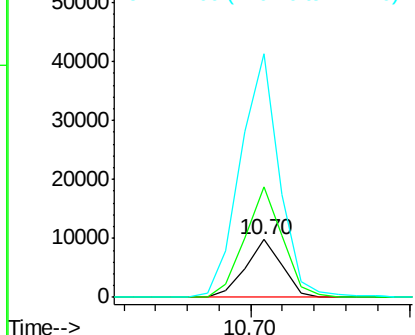
#66
4-Bromophenyl-phenylether
Concen: 2.52 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF100652.D
Acq: 17 Nov 2017 1:53

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

Tgt Ion:248 Resp: 7766
Ion Ratio Lower Upper
248 100
250 191.9 76.9 115.3#
141 422.9 74.4 111.6#

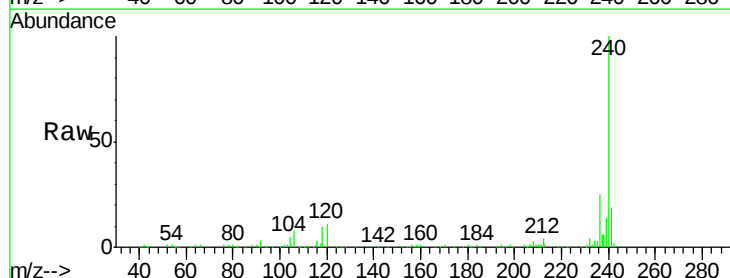


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

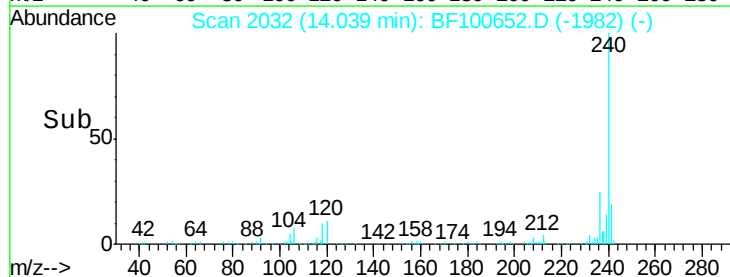
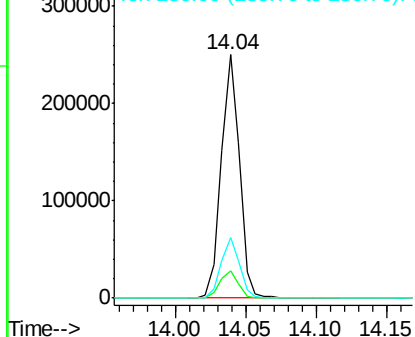


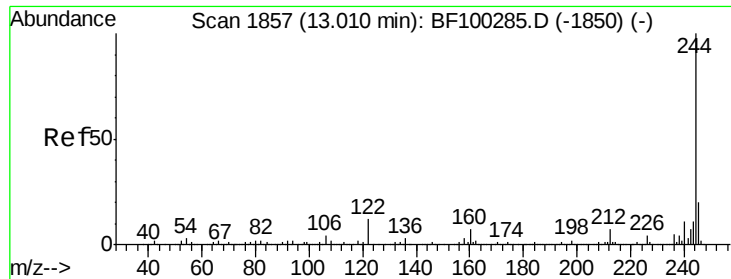
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF100652.D
Acq: 17 Nov 2017 1:53

Tgt Ion:240 Resp: 224773
Ion Ratio Lower Upper
240 100
120 11.4 9.5 14.3
236 24.7 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: 70.58 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF100652.D

Acq: 17 Nov 2017 1:53

Instrument :

BNA_F

ClientSampleId :

111417-TIDO-E-D-B

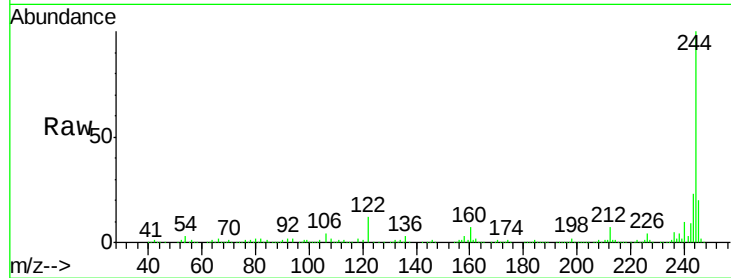
Tgt Ion:244 Resp: 690462

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

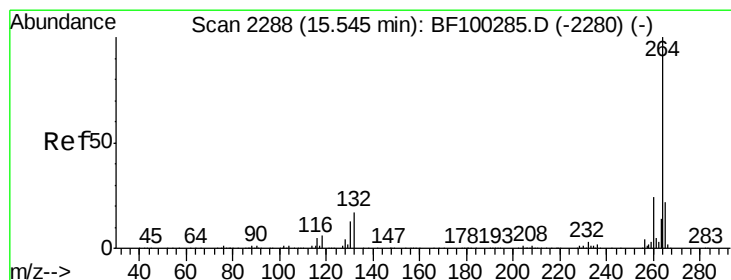
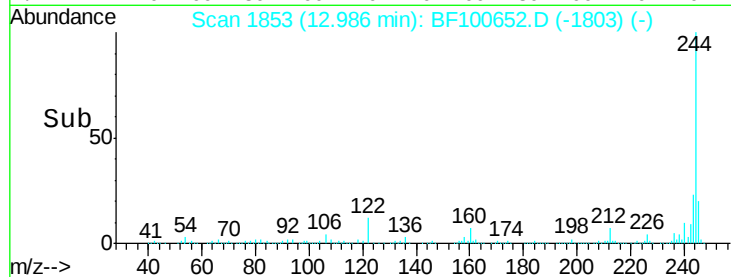
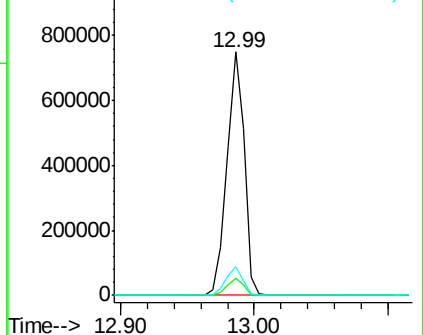
122 11.8 11.0 16.4



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: BF100652.D

Acq: 17 Nov 2017 1:53

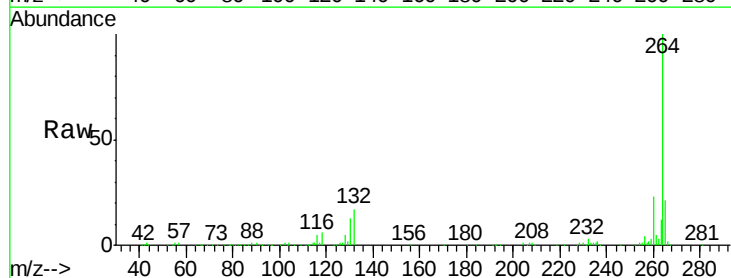
Tgt Ion:264 Resp: 217082

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 21.5 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

