

Data File : BF100656.D
Acq On : 17 Nov 2017 3:40
Operator : SJ/JU
Sample : I6491-01
Misc :
ALS Vial : 38 Sample Multiplier: 1

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

Quant Time: Nov 17 05:52:50 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	106012	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	401358	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	178541	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	296209	20.00	ng	0.00
75) Chrysene-d12	14.04	240	219034	20.00	ng	0.00
86) Perylene-d12	15.52	264	217102	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	290243	43.89	ng	0.00
7) Phenol-d6	6.50	99	215715	26.45	ng	-0.01
23) Nitrobenzene-d5	7.45	82	621616	102.40	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	150169	82.54	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1155177	98.52	ng	0.00
78) Terphenyl-d14	12.99	244	781796	82.01	ng	0.00

Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.45	70	80381	14.21	ng	# 80
25) Isophorone	7.45	82	621310	48.70	ng	# 64
47) 2-Nitroaniline	9.24	65	1559	3.23	ng	# 1
50) 2,6-Dinitrotoluene	9.92	165	22483	8.33	ng	# 25
56) 2,4-Dinitrotoluene	9.92	165	22483	6.60	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.70	198	120	8.64	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	9229	2.91	ng	# 1

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

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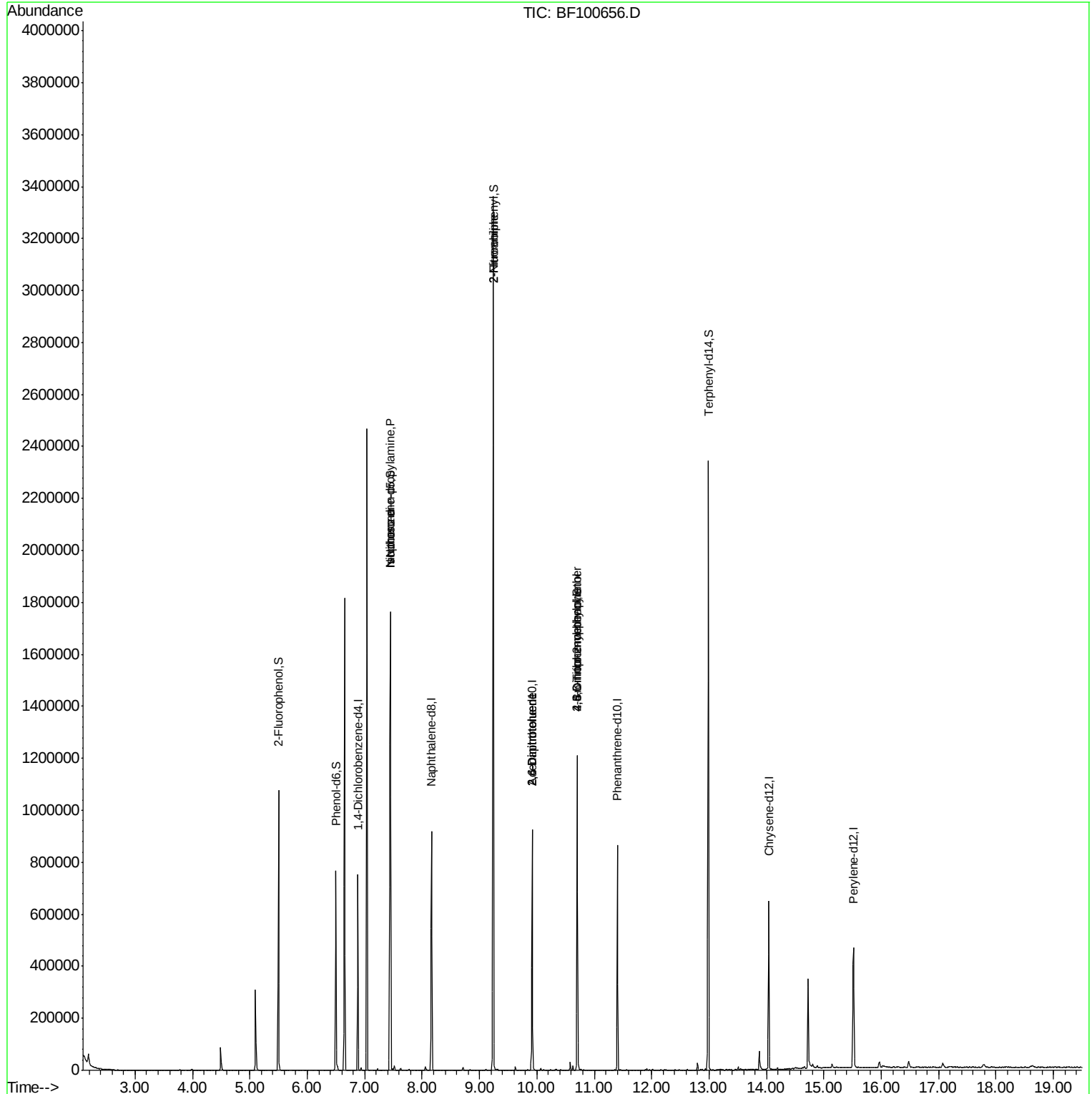
Quant Time: Nov 17 05:52:50 2017

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





#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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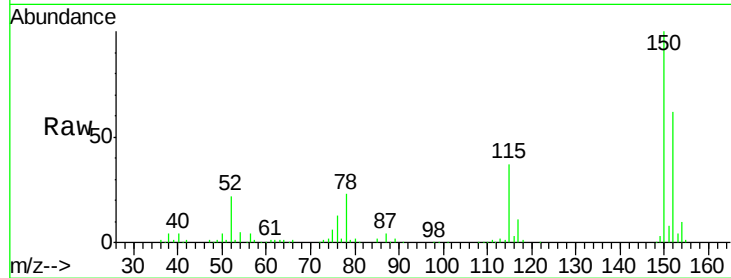
Tgt Ion:152 Resp: 106012

Ion Ratio Lower Upper

152 100

150 161.2 124.6 186.8

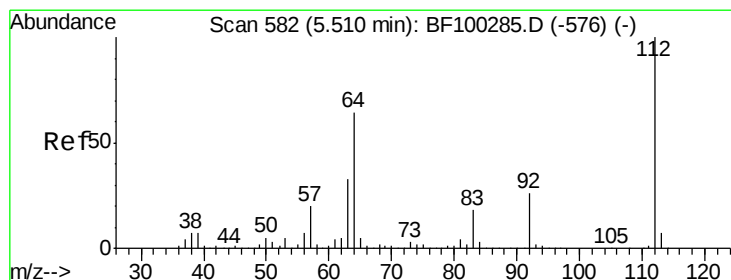
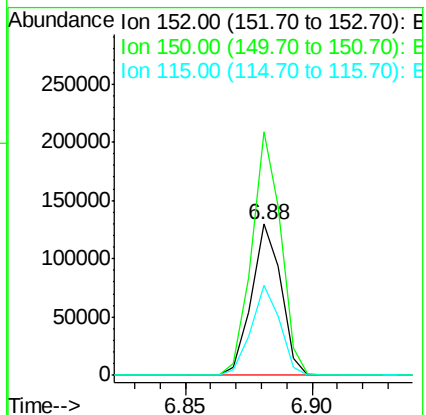
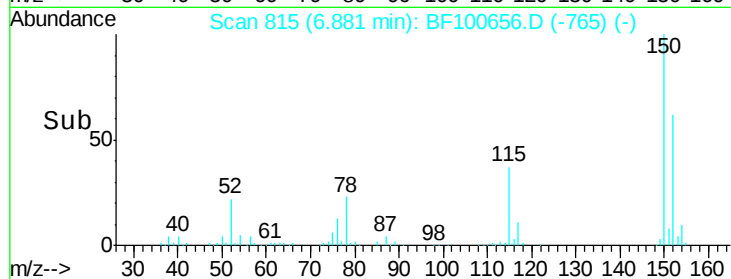
115 59.9 50.1 75.1



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: 43.89 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.00 min

Lab File: BF100656.D

Acq: 17 Nov 2017 3:40

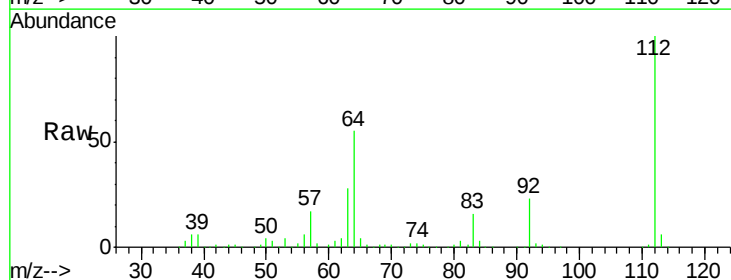
Tgt Ion:112 Resp: 290243

Ion Ratio Lower Upper

112 100

64 55.4 47.9 71.9

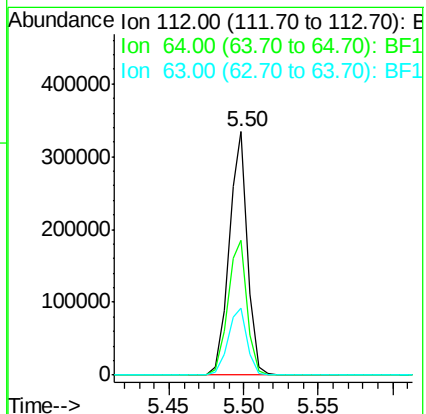
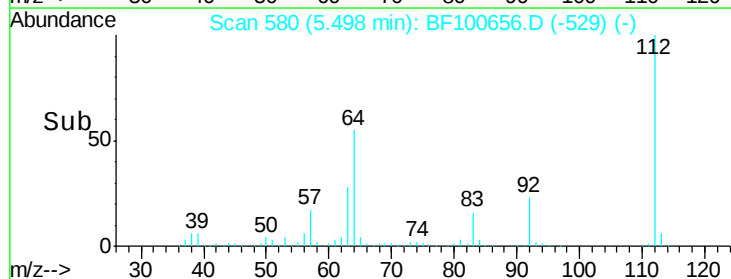
63 27.7 23.7 35.5



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: 26.45 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF100656.D

Acq: 17 Nov 2017 3:40

Instrument :

BNA_F

ClientSampleId :

111317-TIDO-E-D-B

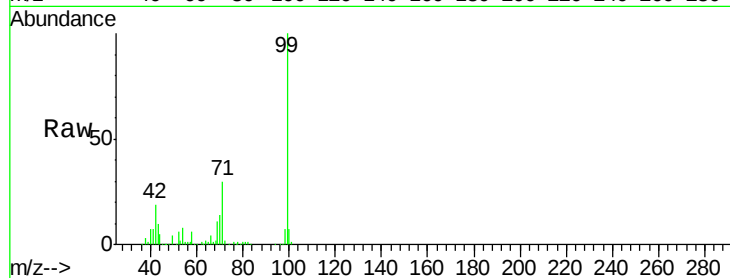
Tgt Ion: 99 Resp: 215715

Ion Ratio Lower Upper

99 100

42 18.6 14.5 21.7

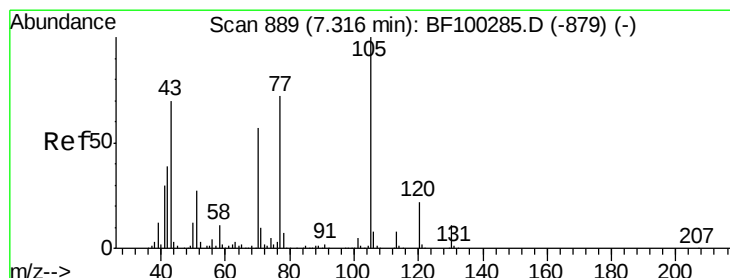
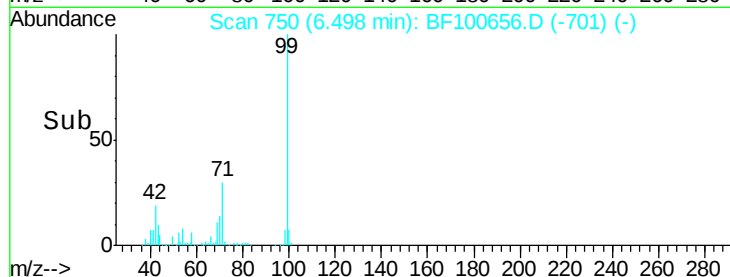
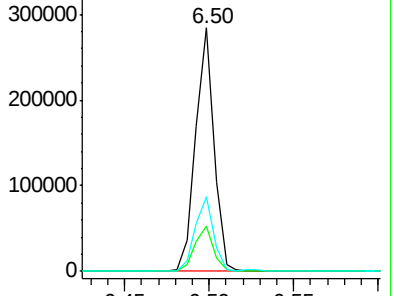
71 30.4 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 14.21 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.15 min

Lab File: BF100656.D

Acq: 17 Nov 2017 3:40

Tgt Ion: 70 Resp: 80381

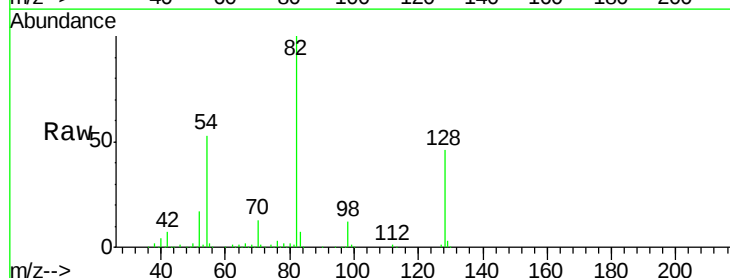
Ion Ratio Lower Upper

70 100

42 49.9 47.5 71.3

101 0.0 7.4 11.2#

130 2.7 16.6 25.0#

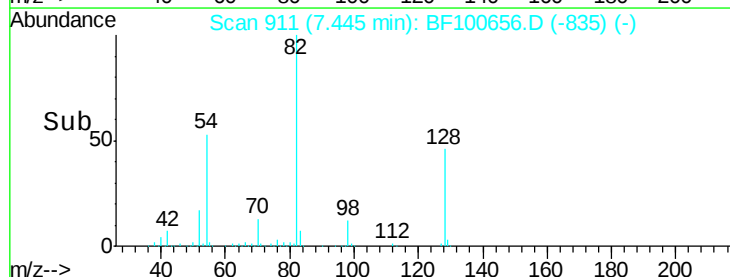
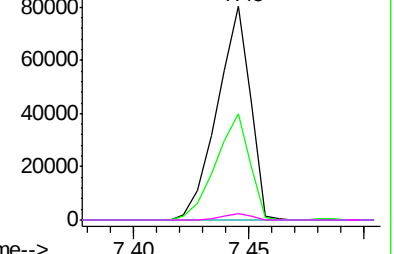


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

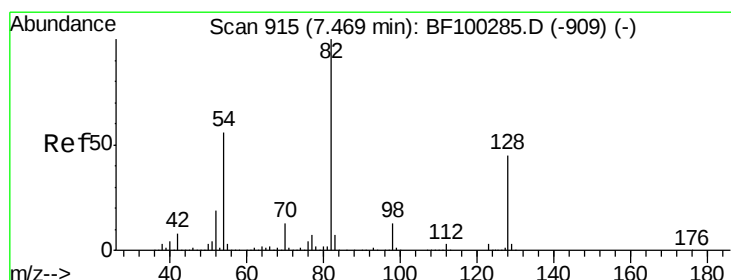
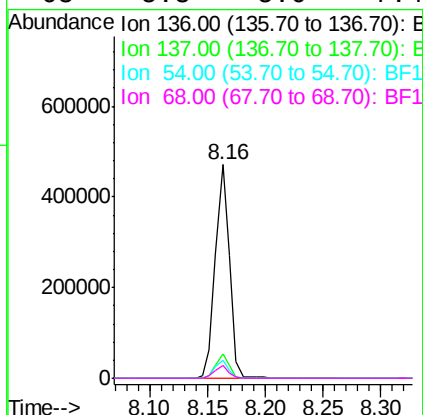
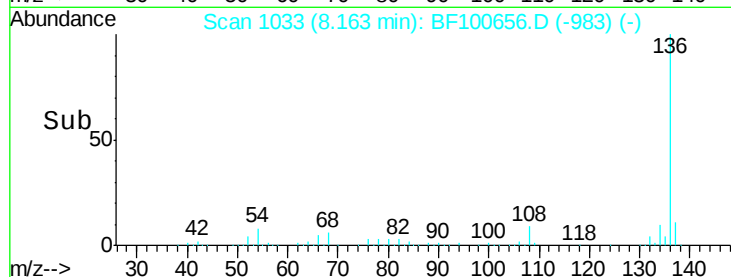
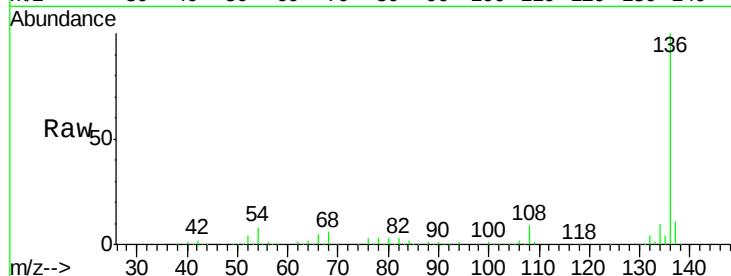




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100656.D
Acq: 17 Nov 2017 3:40

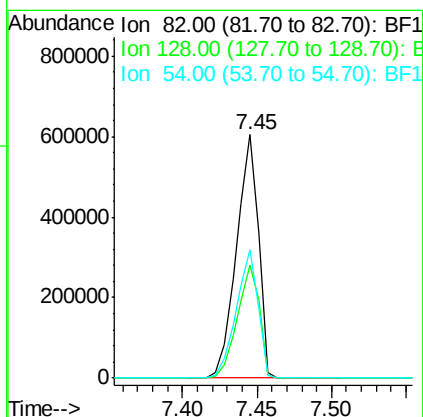
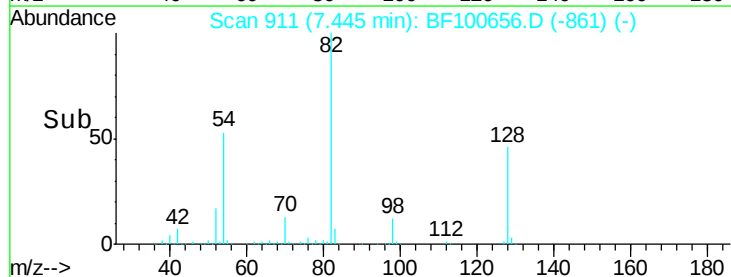
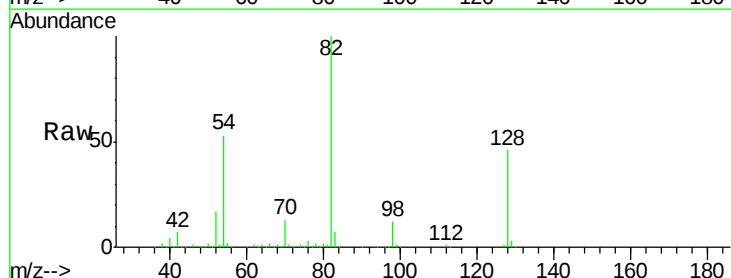
Instrument :
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Tgt Ion:	136	Resp:	401358
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.5	6.6	9.8
68	5.8	5.0	7.4



#23
Nitrobenzene-d5
Concen: 102.40 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100656.D
Acq: 17 Nov 2017 3:40

Tgt Ion:	82	Resp:	621616
Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.1	54.1
54	52.6	41.4	62.2





#25

Isophorone

Concen: 48.70 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.26 min

Lab File: BF100656.D

Acq: 17 Nov 2017 3:40

Instrument :

BNA_F

ClientSampleId :

111317-TIDO-E-D-B

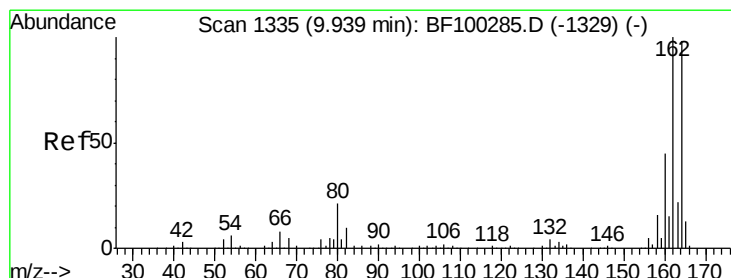
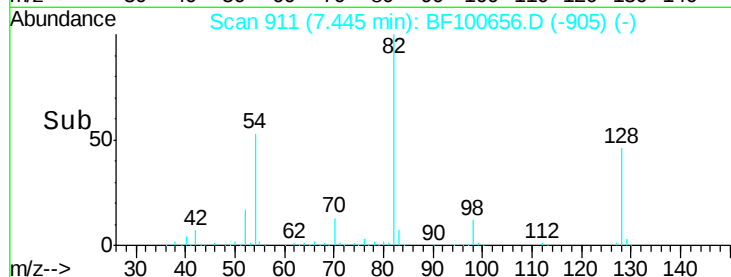
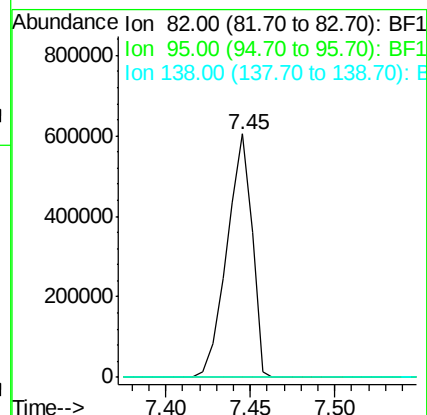
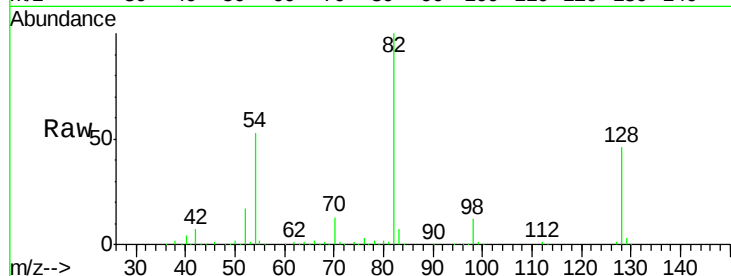
Tgt Ion: 82 Resp: 621310

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF100656.D

Acq: 17 Nov 2017 3:40

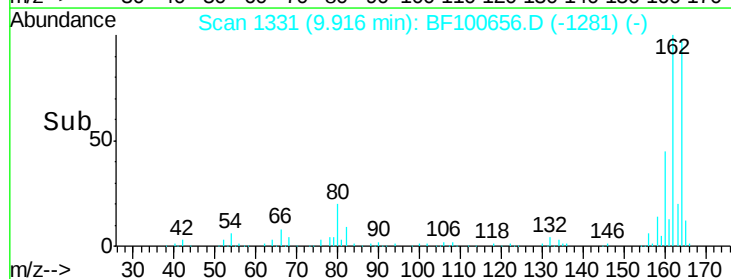
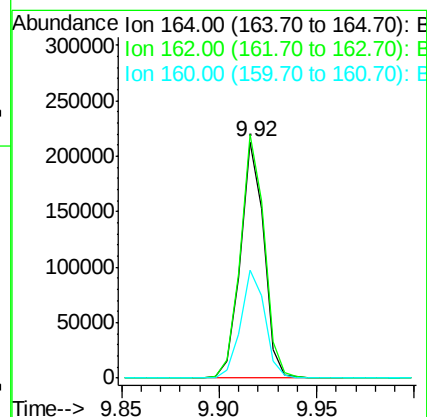
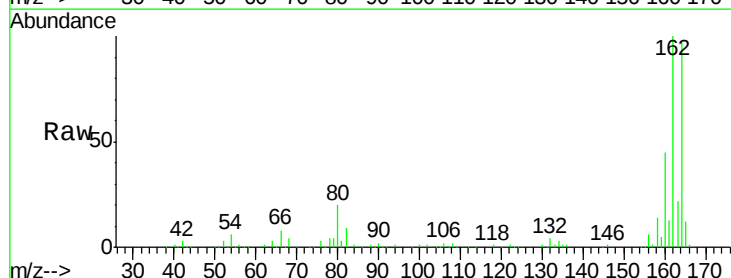
Tgt Ion: 164 Resp: 178541

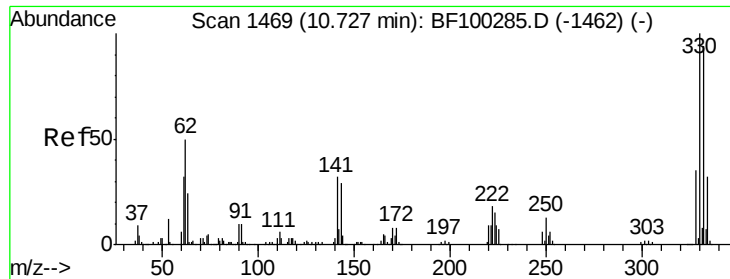
Ion Ratio Lower Upper

164 100

162 102.9 86.1 129.1

160 45.8 38.3 57.5

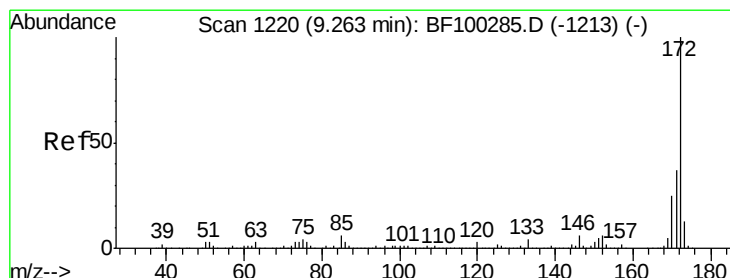
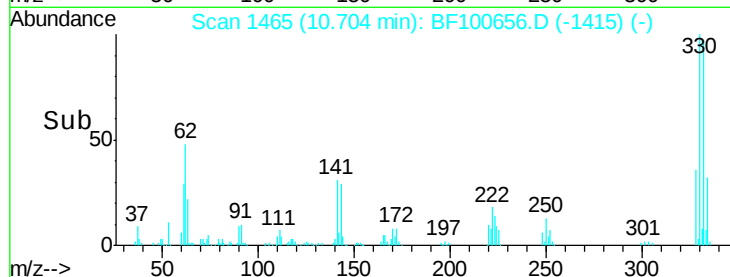
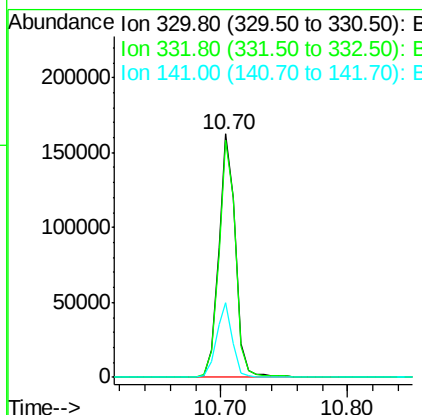
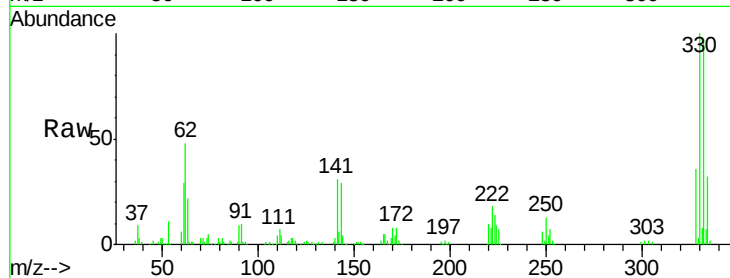




#41
 2,4,6-Tribromophenol
 Concen: 82.54 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100656.D
 Acq: 17 Nov 2017 3:40

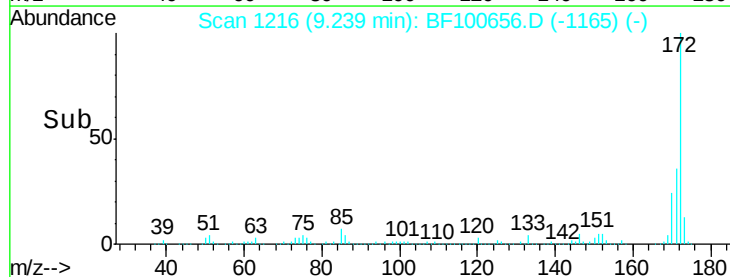
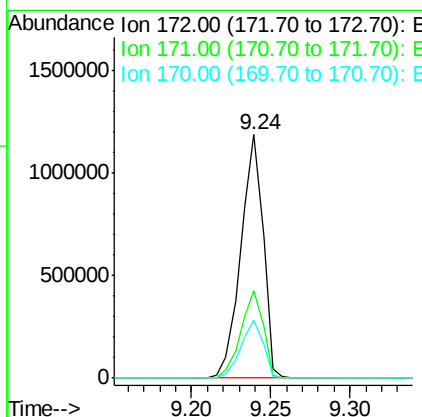
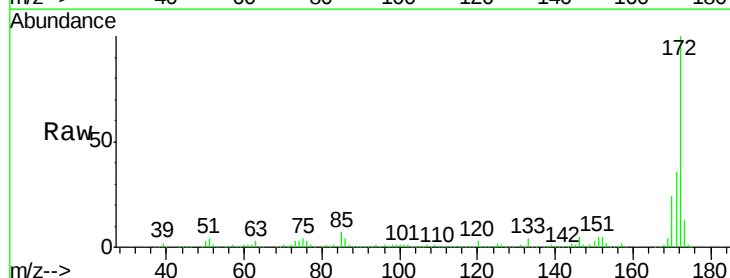
Instrument :
 BNA_F
 ClientSampleId :
 111317-TIDO-E-D-B

Tgt Ion: 330 Resp: 150169
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.0 115.6
 141 29.2 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 98.52 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.00 min
 Lab File: BF100656.D
 Acq: 17 Nov 2017 3:40

Tgt Ion: 172 Resp: 1155177
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 24.1 19.6 29.4





#47

2-Nitroaniline

Concen: 3.23 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.22 min

Lab File: BF100656.D

Acq: 17 Nov 2017 3:40

Instrument :

BNA_F

ClientSampleId :

111317-TIDO-E-D-B

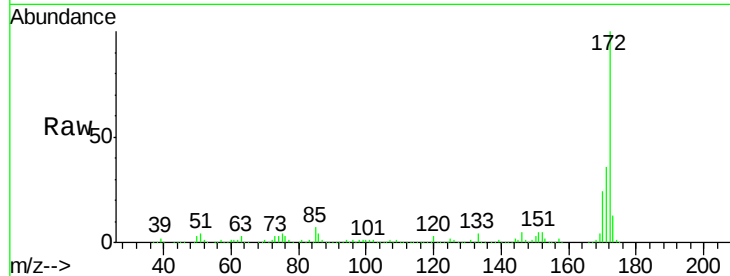
Tgt Ion: 65 Resp: 1559

Ion Ratio Lower Upper

65 100

92 198.2 55.8 83.6#

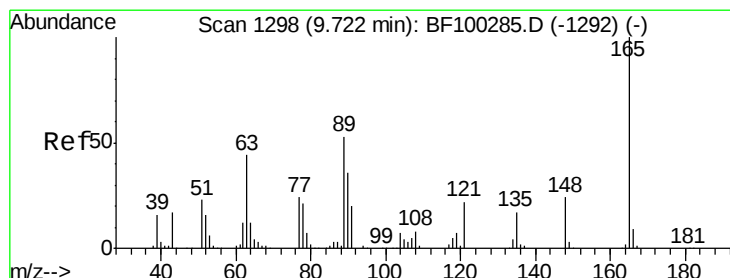
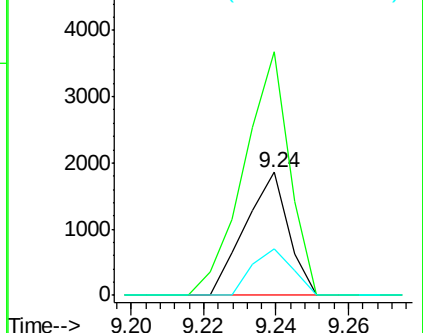
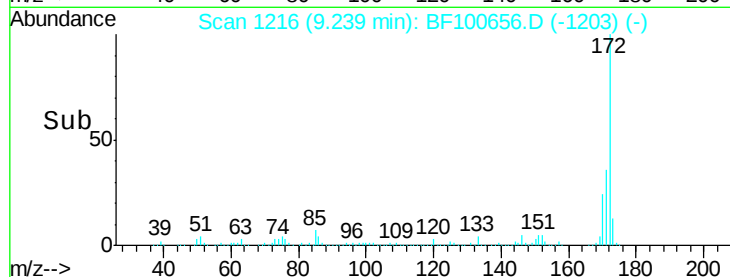
138 37.8 91.2 136.8#



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: 8.33 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.21 min

Lab File: BF100656.D

Acq: 17 Nov 2017 3:40

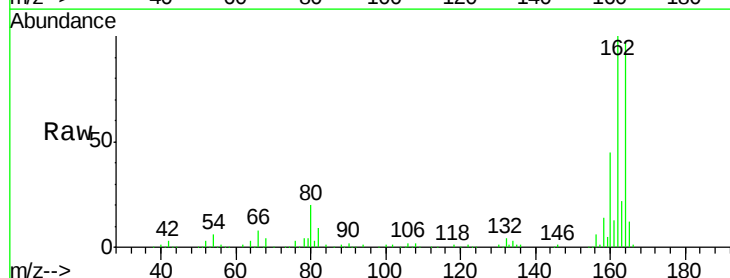
Tgt Ion: 165 Resp: 22483

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

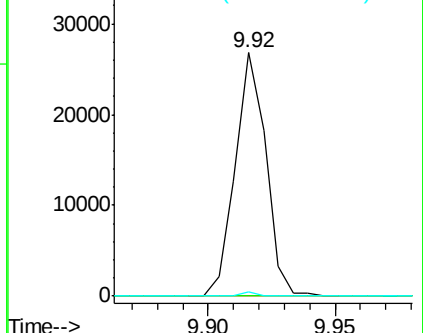
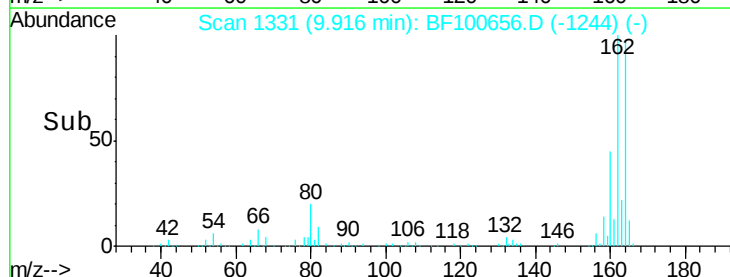
89 1.7 44.0 66.0#



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

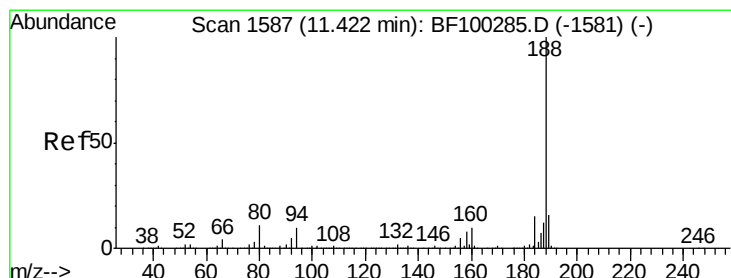
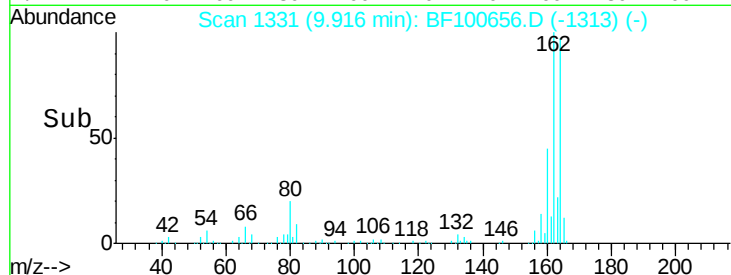
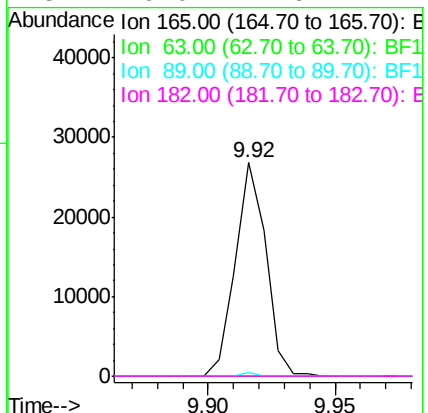
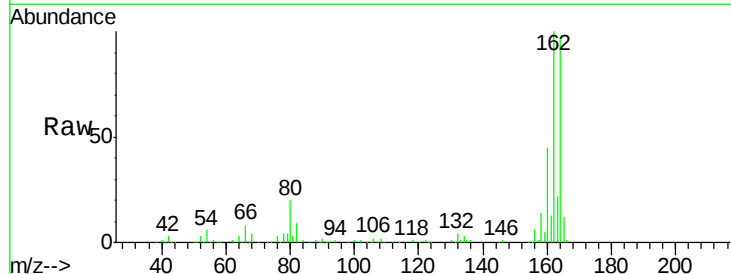




#56
 2,4-Dinitrotoluene
 Concen: 6.60 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF100656.D
 Acq: 17 Nov 2017 3:40

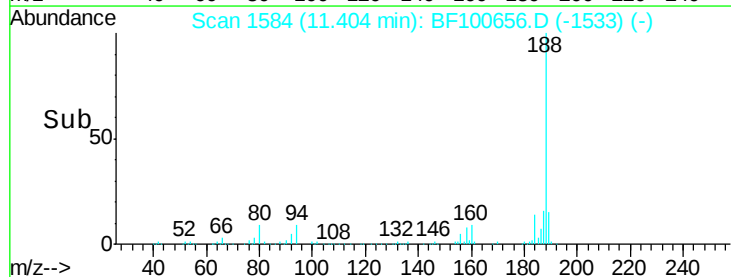
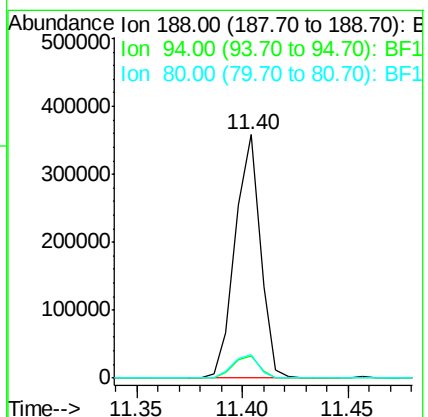
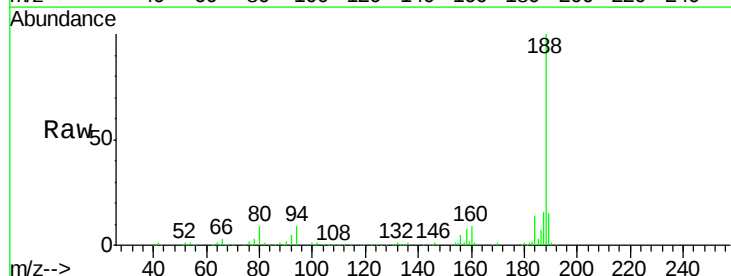
Instrument :
 BNA_F
 ClientSampleId :
 111317-TIDO-E-D-B

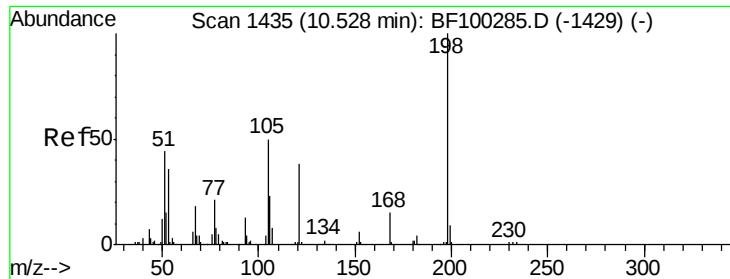
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF100656.D
 Acq: 17 Nov 2017 3:40

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.5	12.7
80	9.4	9.2	13.8

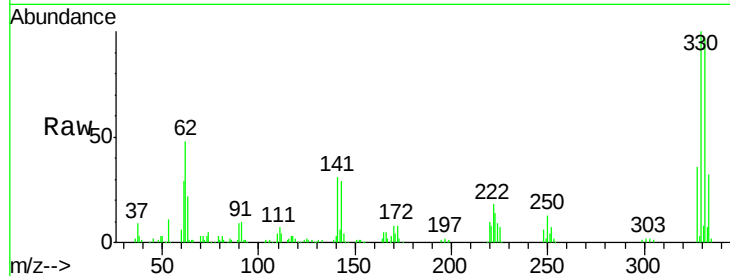




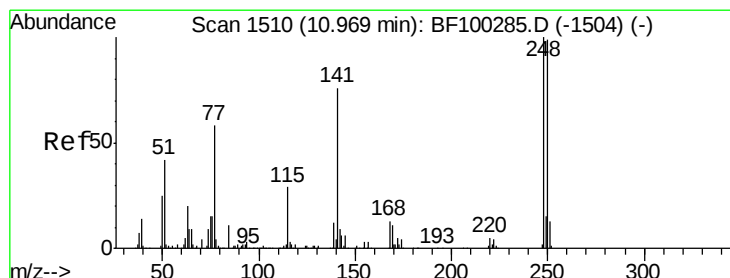
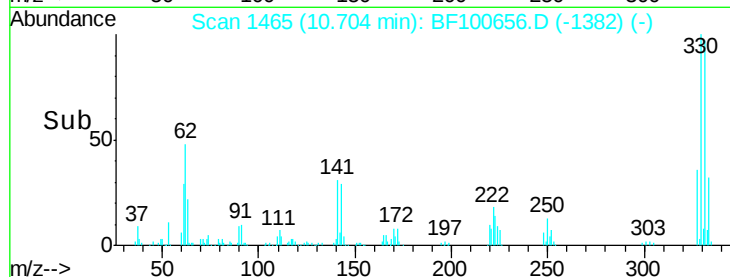
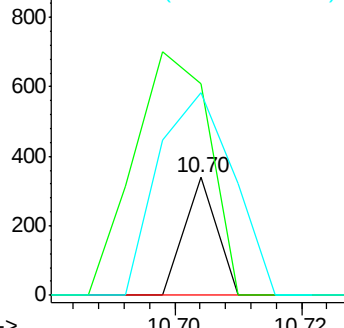
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.64 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.19 min
 Lab File: BF100656.D
 Acq: 17 Nov 2017 3:40

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

Tgt Ion:198 Resp: 120
 Ion Ratio Lower Upper
 198 100
 51 179.1 37.7 77.7#
 105 171.8 36.3 76.3#

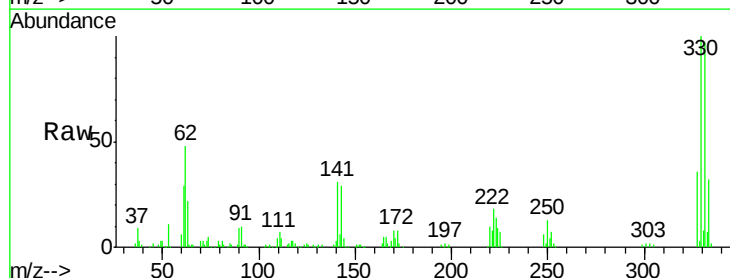


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

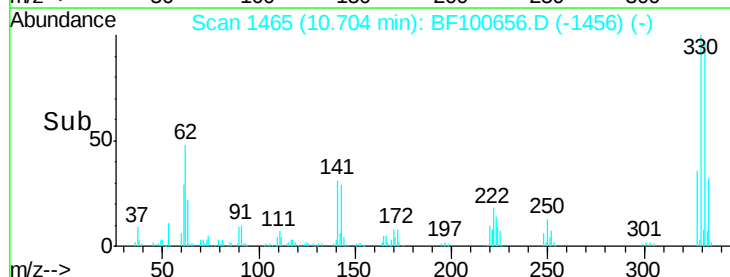
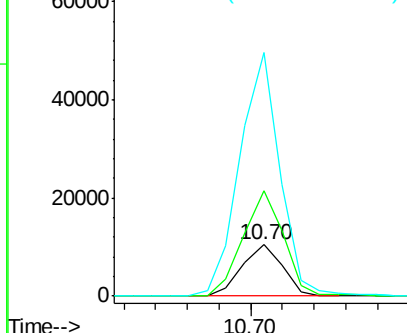


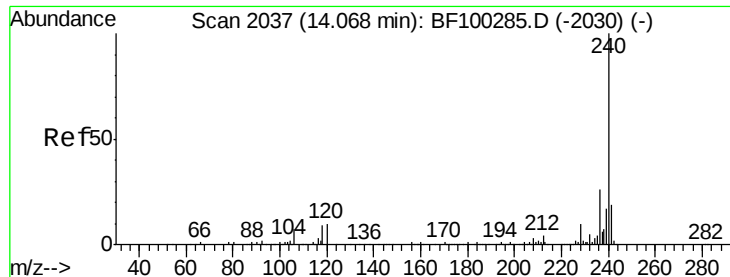
#66
 4-Bromophenyl-phenylether
 Concen: 2.91 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.25 min
 Lab File: BF100656.D
 Acq: 17 Nov 2017 3:40

Tgt Ion:248 Resp: 9229
 Ion Ratio Lower Upper
 248 100
 250 205.7 76.9 115.3#
 141 476.6 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: BF100656.D

Acq: 17 Nov 2017 3:40

Instrument :

BNA_F

ClientSampleId :

111317-TIDO-E-D-B

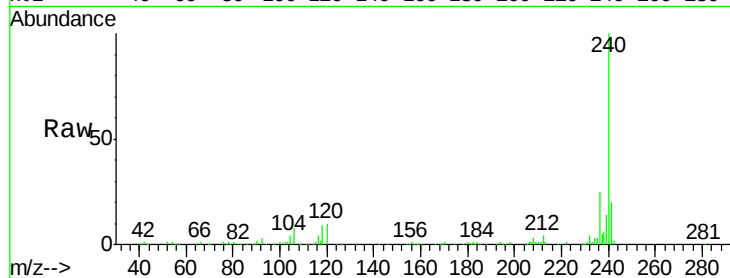
Tgt Ion:240 Resp: 219034

Ion Ratio Lower Upper

240 100

120 10.5 9.5 14.3

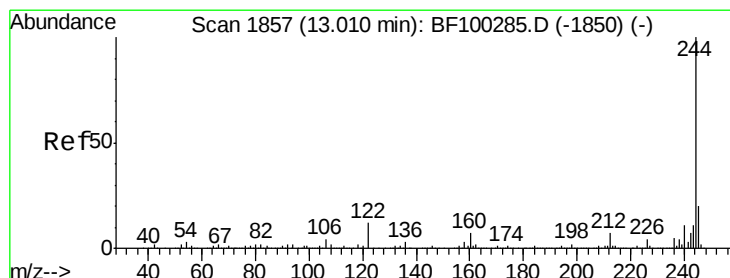
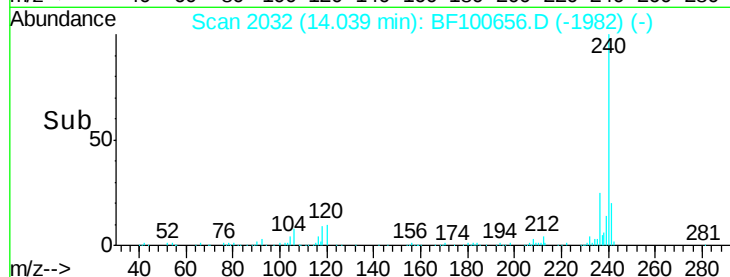
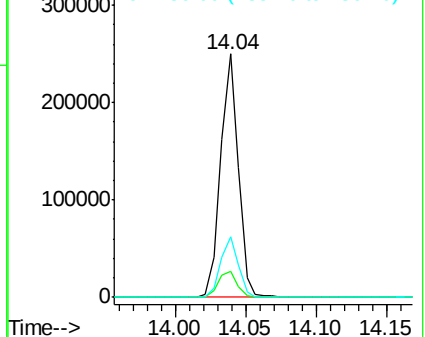
236 24.8 20.7 31.1



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: 82.01 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF100656.D

Acq: 17 Nov 2017 3:40

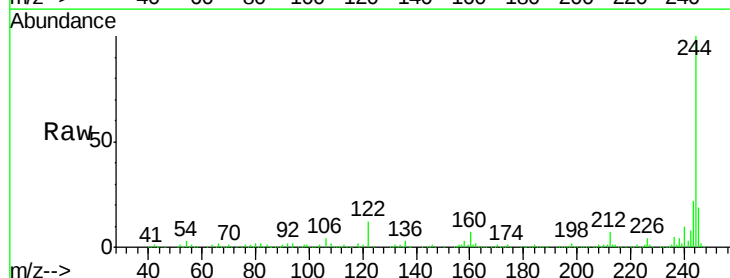
Tgt Ion:244 Resp: 781796

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

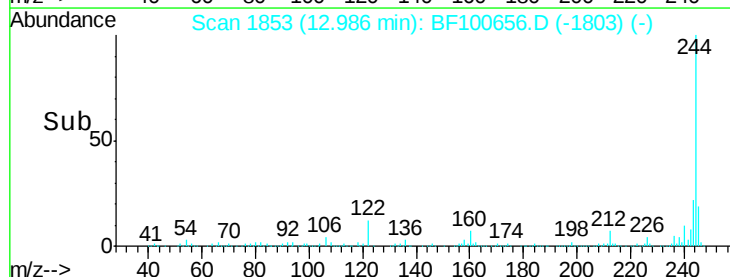
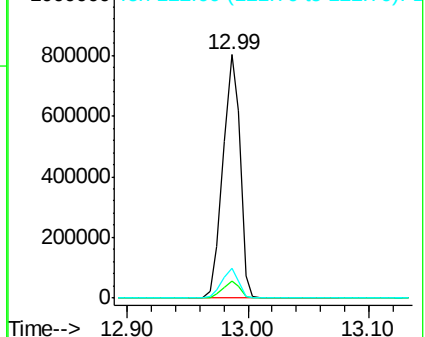
122 12.2 11.0 16.4

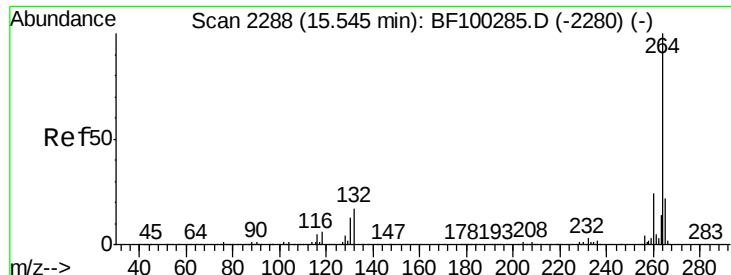


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

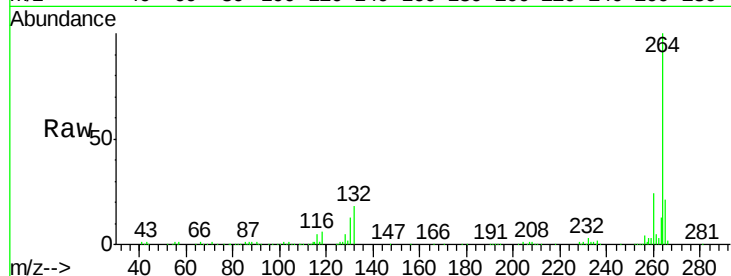




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BF100656.D
Acq: 17 Nov 2017 3:40

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

Tgt Ion: 264 Resp: 217102
Ion Ratio Lower Upper
264 100
260 23.7 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

