

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062218\
 Data File : BF106758.D
 Acq On : 23 Jun 2018 13:54
 Operator : JU/SJ
 Sample : J3596-06
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MANHATTANVILLE-FIELD-BLANK-1

Quant Time: Jun 25 01:20:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 22 11:34:03 2018
 Response via : Initial Calibration

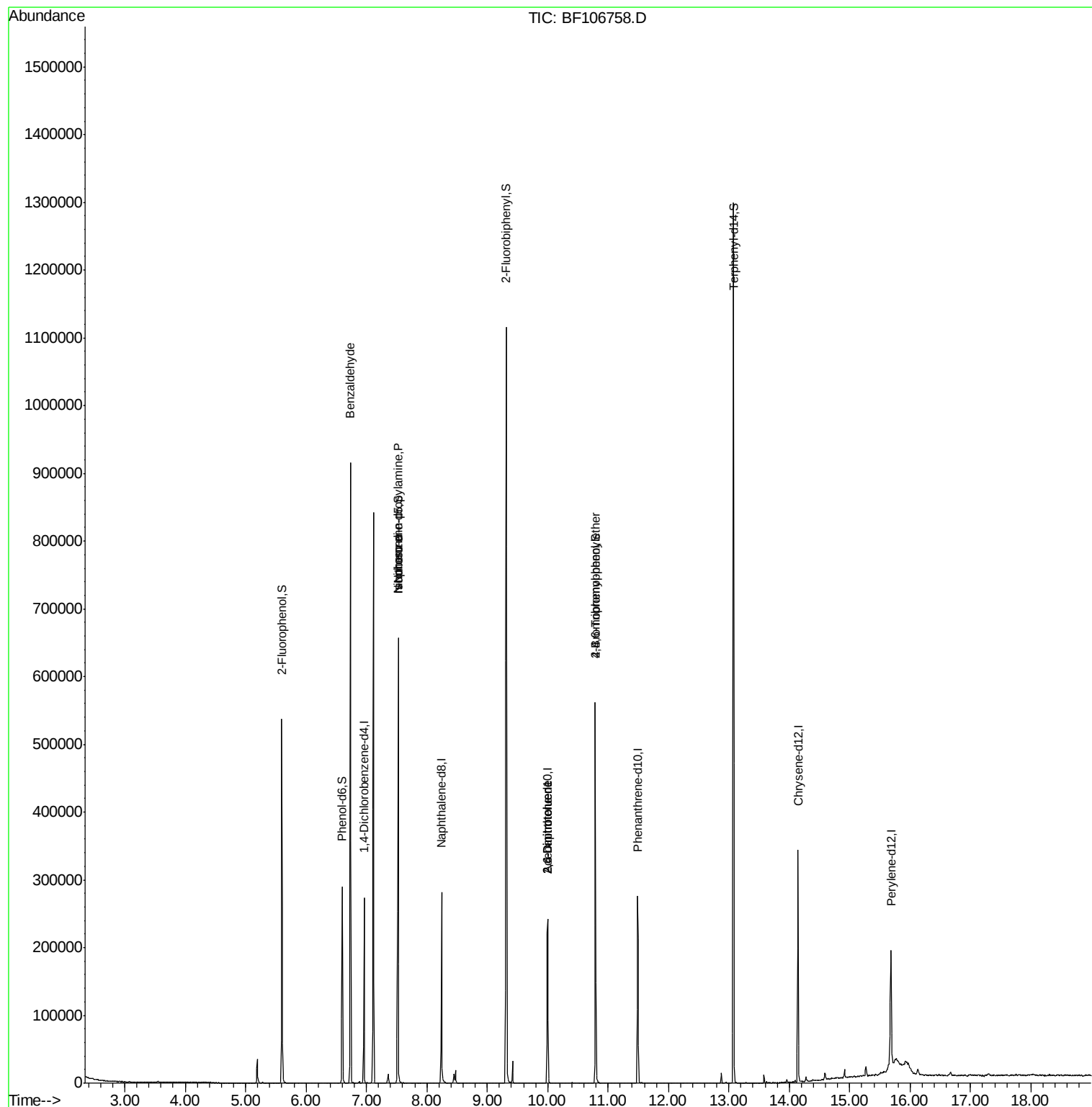
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	39925	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	130530	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	54386	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	108692	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	126437	20.00	ng	-0.01
86) Perylene-d12	15.68	264	88966	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	139510	59.17	ng	0.00
7) Phenol-d6	6.60	99	100079	33.99	ng	-0.01
23) Nitrobenzene-d5	7.52	82	216503	92.18	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	88128	139.81	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	372586	122.46	ng	-0.01
78) Terphenyl-d14	13.08	244	488313	93.55	ng	0.00
Target Compounds						
9) Benzaldehyde	6.74	77	5258	2.128	ng	# 79
19) n-Nitroso-di-n-propylamine	7.52	70	28389	14.627	ng	# 73
25) Isophorone	7.52	82	216500	52.309	ng	# 64
50) 2,6-Dinitrotoluene	10.00	165	6725	7.786	ng	# 24
56) 2,4-Dinitrotoluene	10.00	165	6725	5.965	ng	# 21
66) 4-Bromophenyl-phenylether	10.79	248	5365	4.136	ng	# 1

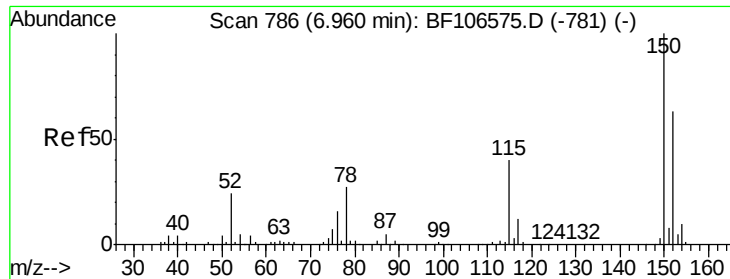
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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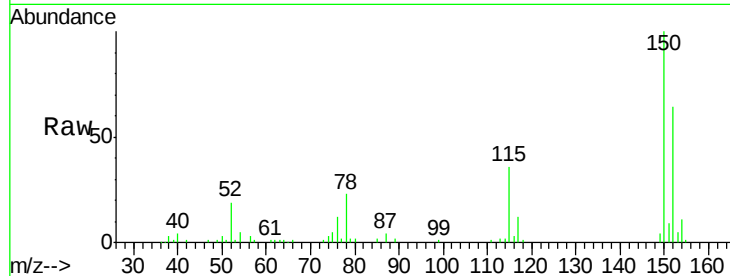




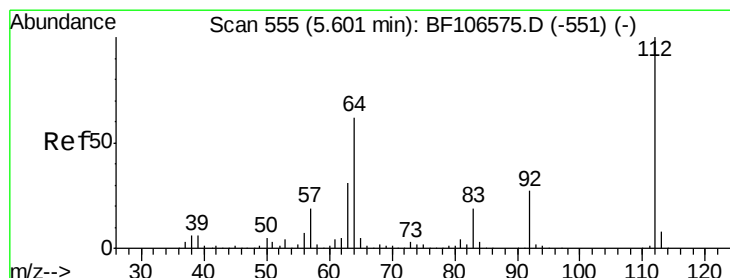
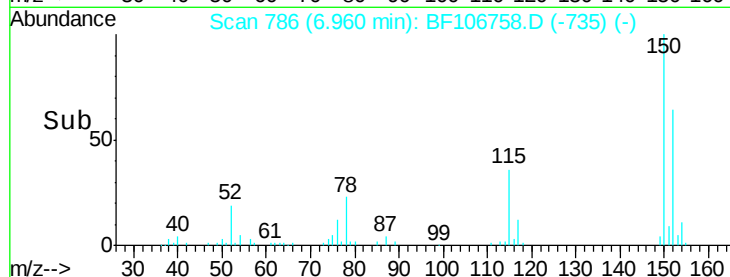
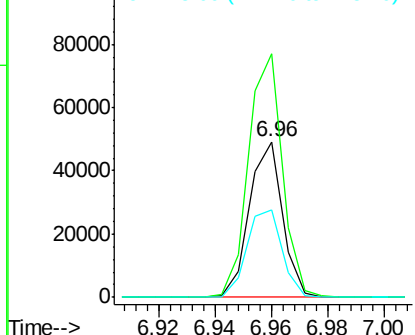
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 786
 Delta R.T. -0.00 min
 Lab File: BF106758.D
 Acq: 23 Jun 2018 13:54

Instrument :
 BNA_F
 ClientSampleId :
 MANHATTANVILLE-FIELD-BLANK-1

Tgt Ion:152 Resp: 39925
 Ion Ratio Lower Upper
 152 100
 150 156.2 124.6 186.8
 115 56.0 50.1 75.1

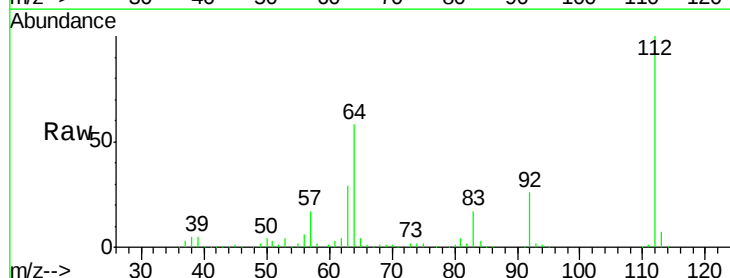


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

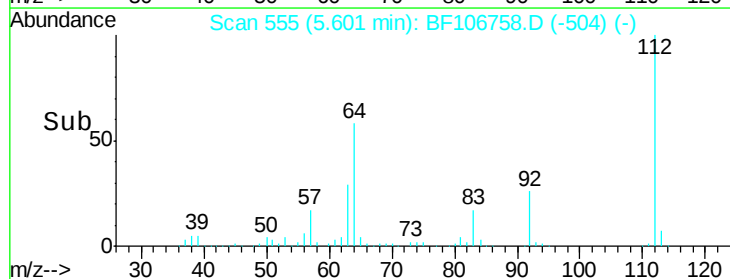
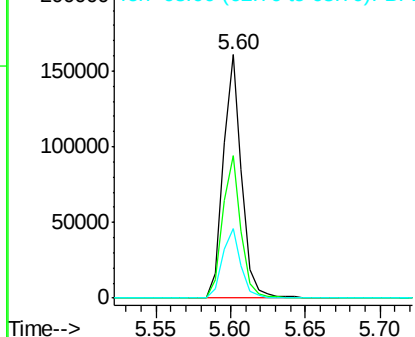


#5
 2-Fluorophenol
 Concen: 59.170 ng
 RT: 5.60 min Scan# 555
 Delta R.T. -0.00 min
 Lab File: BF106758.D
 Acq: 23 Jun 2018 13:54

Tgt Ion:112 Resp: 139510
 Ion Ratio Lower Upper
 112 100
 64 58.3 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: 33.989 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF106758.D

Acq: 23 Jun 2018 13:54

Instrument :

BNA_F

ClientSampleId :

MANHATTANVILLE-FIELD-BLANK-1

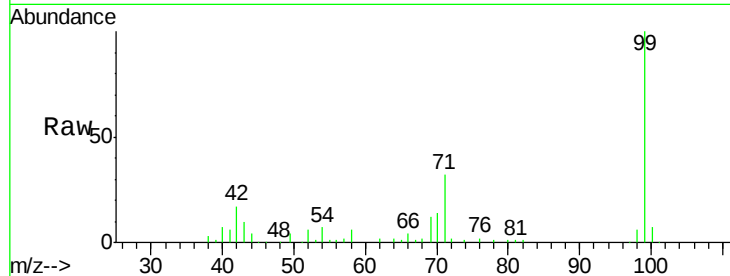
Tgt Ion: 99 Resp: 100079

Ion Ratio Lower Upper

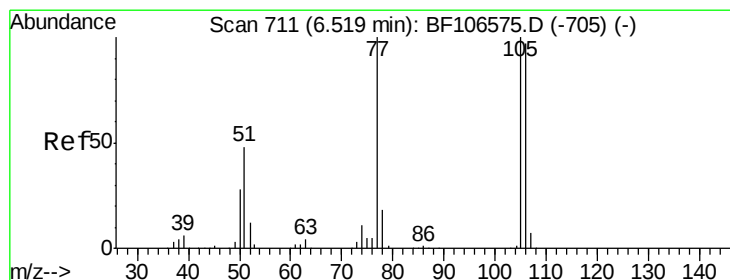
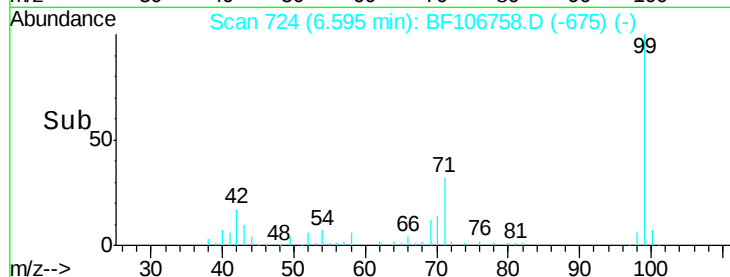
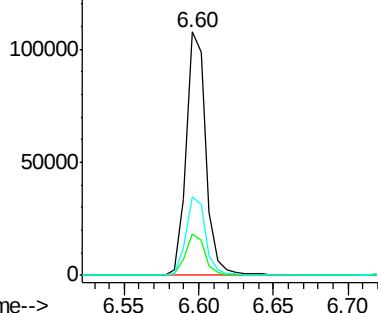
99 100

42 17.2 14.5 21.7

71 32.5 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



#9

Benzaldehyde

Concen: 2.128 ng

RT: 6.74 min Scan# 748

Delta R.T. 0.22 min

Lab File: BF106758.D

Acq: 23 Jun 2018 13:54

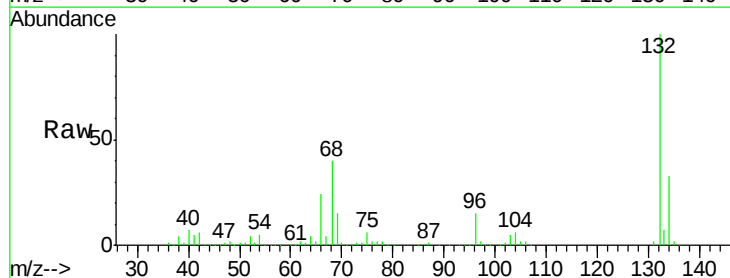
Tgt Ion: 77 Resp: 5258

Ion Ratio Lower Upper

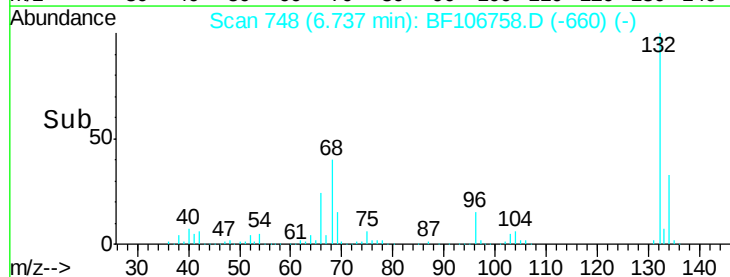
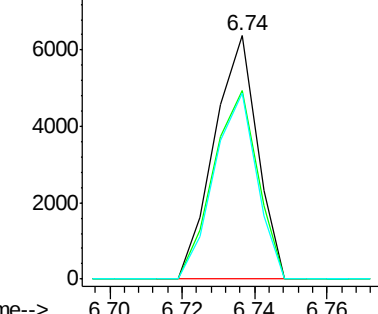
77 100

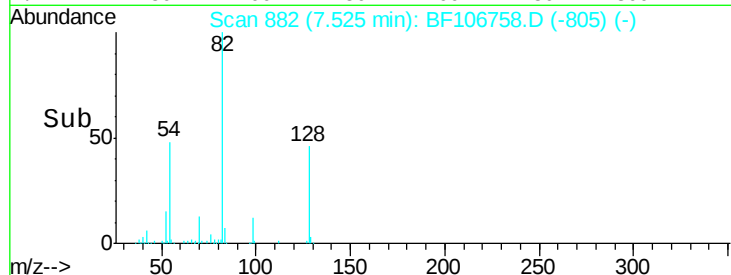
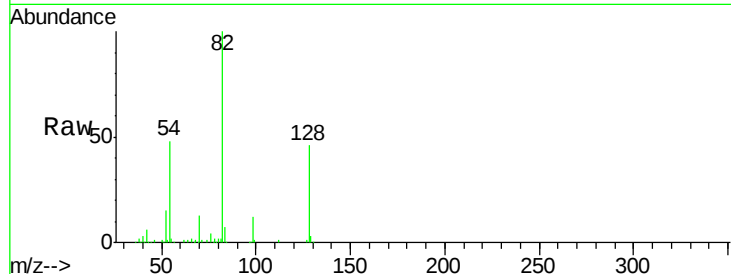
105 77.5 81.1 121.1#

106 76.2 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

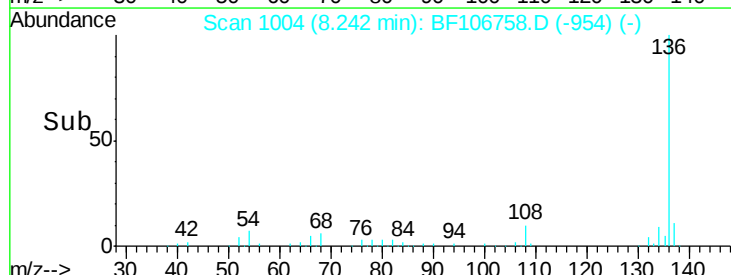
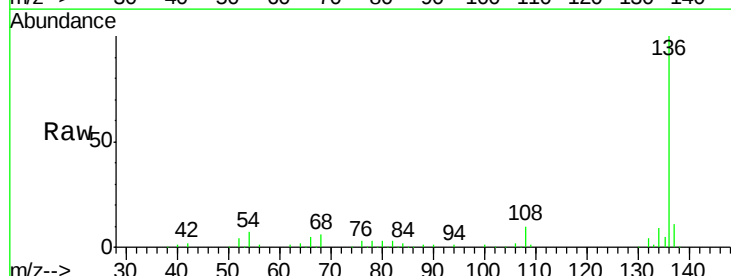
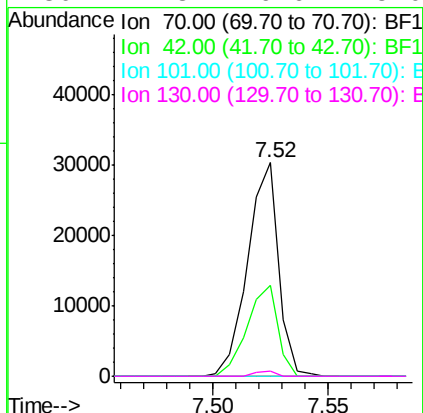




#19
n-Nitroso-di-n-propylamine
Concen: 14.627 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.15 min
Lab File: BF106758.D
Acq: 23 Jun 2018 13:54

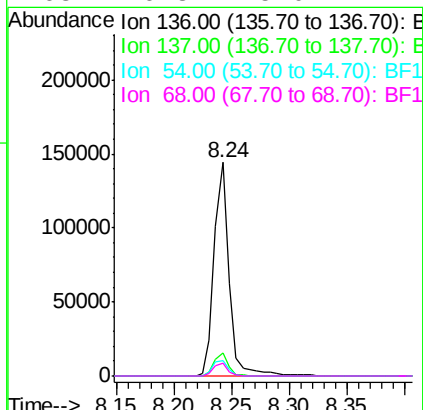
Instrument :
BNA_F
ClientSampleId :
MANHATTANVILLE-FIELD-BLANK-1

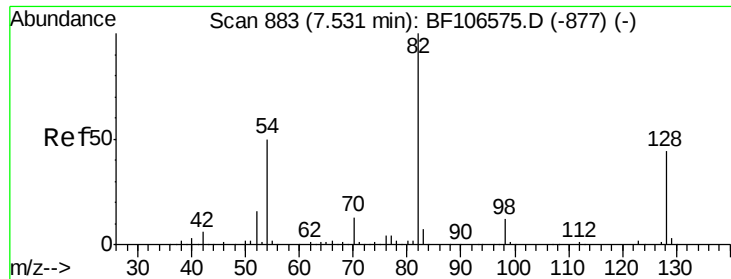
Tgt Ion: 70 Resp: 28389
Ion Ratio Lower Upper
70 100
42 42.8 47.5 71.3#
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106758.D
Acq: 23 Jun 2018 13:54

Tgt Ion: 136 Resp: 130530
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 7.5 6.6 9.8
68 6.3 5.0 7.4

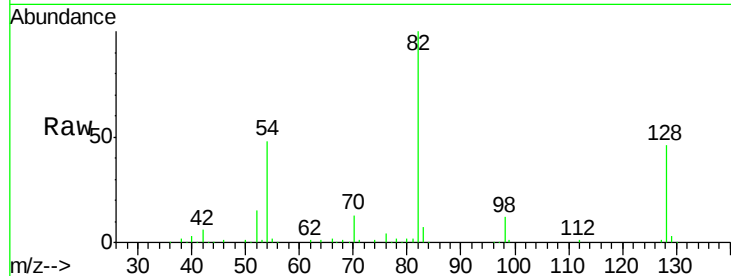




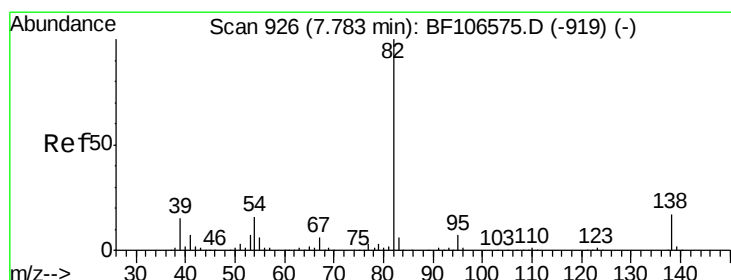
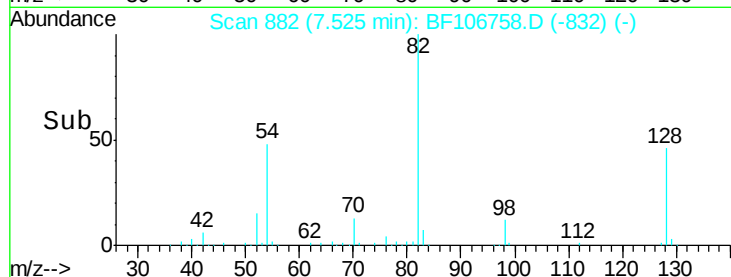
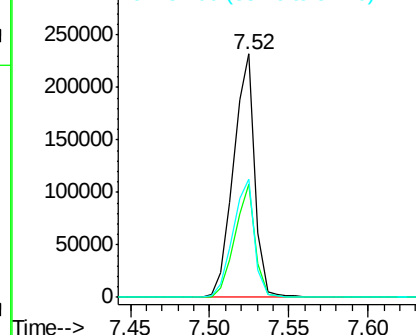
#23
 Nitrobenzene-d5
 Concen: 92.177 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF106758.D
 Acq: 23 Jun 2018 13:54

Instrument :
 BNA_F
 ClientSampleId :
 MANHATTANVILLE-FIELD-BLANK-1

Tgt Ion: 82 Resp: 216503
 Ion Ratio Lower Upper
 82 100
 128 46.3 36.1 54.1
 54 48.4 41.4 62.2

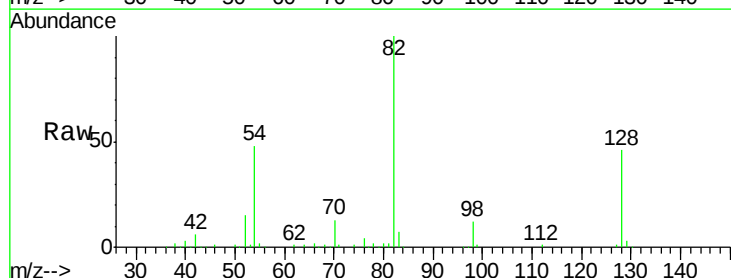


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

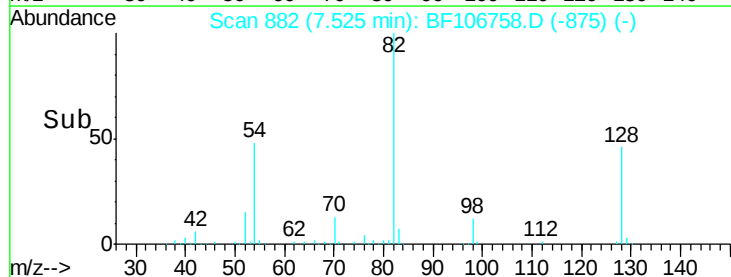
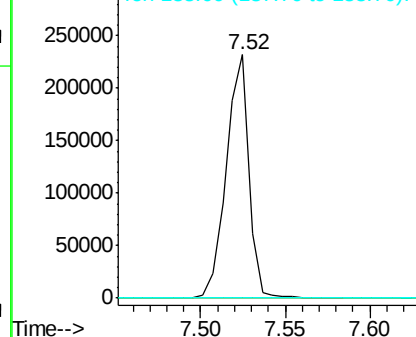


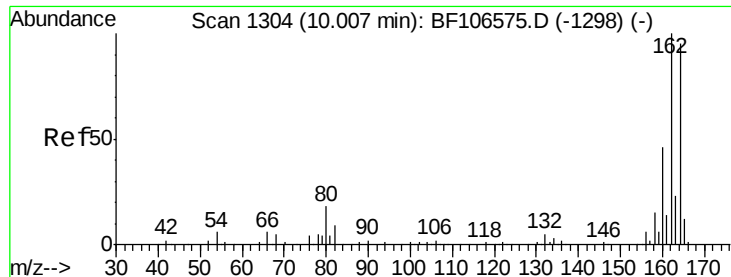
#25
 Isophorone
 Concen: 52.309 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.26 min
 Lab File: BF106758.D
 Acq: 23 Jun 2018 13:54

Tgt Ion: 82 Resp: 216500
 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: 20.000 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF106758.D

Acq: 23 Jun 2018 13:54

Instrument :

BNA_F

ClientSampleId :

MANHATTANVILLE-FIELD-BLANK-1

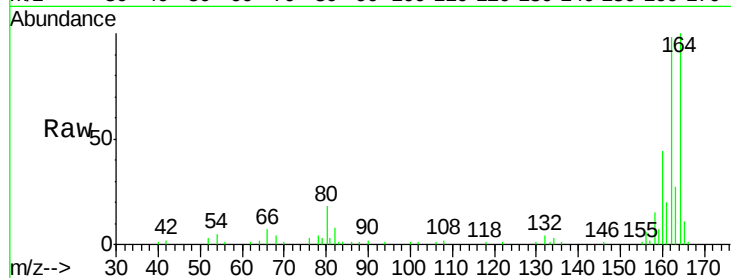
Tgt Ion:164 Resp: 54386

Ion Ratio Lower Upper

164 100

162 97.6 86.1 129.1

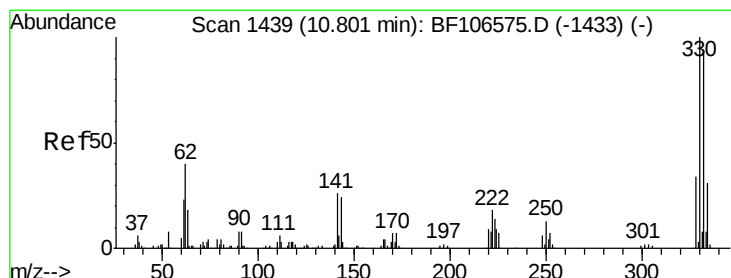
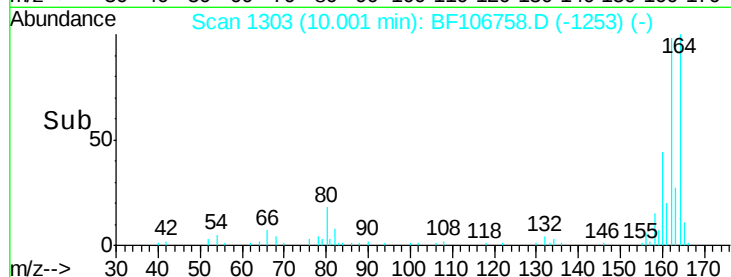
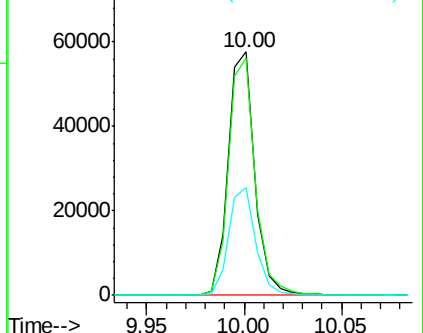
160 44.2 38.3 57.5



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: 139.808 ng

RT: 10.80 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF106758.D

Acq: 23 Jun 2018 13:54

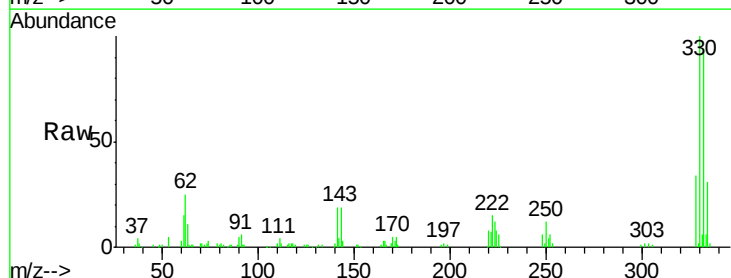
Tgt Ion:330 Resp: 88128

Ion Ratio Lower Upper

330 100

332 95.1 77.0 115.6

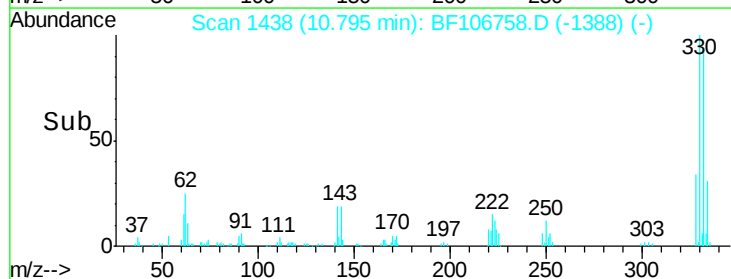
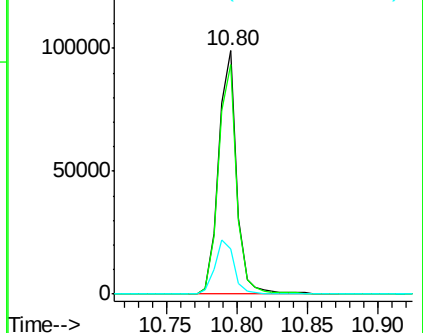
141 23.5 29.9 44.9#



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

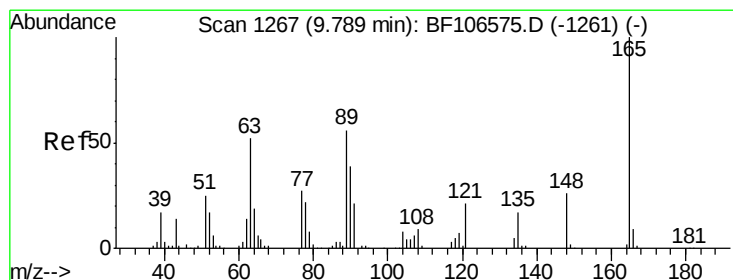
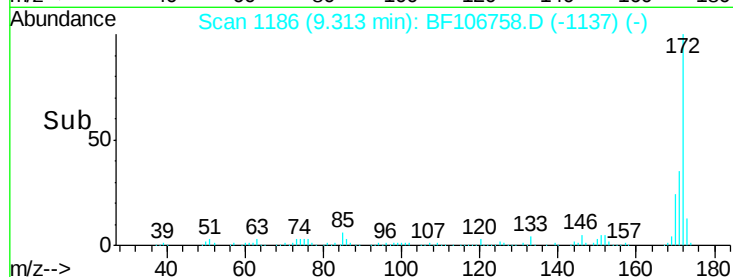
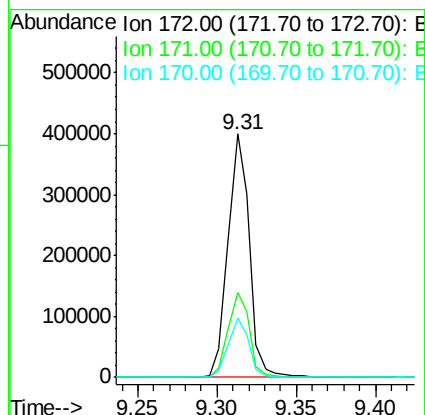
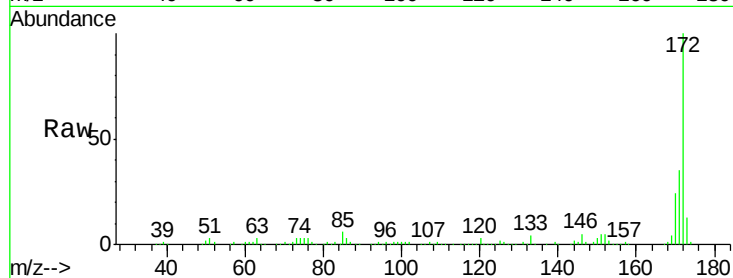




#44
 2-Fluorobiphenyl
 Concen: 122.459 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106758.D
 Acq: 23 Jun 2018 13:54

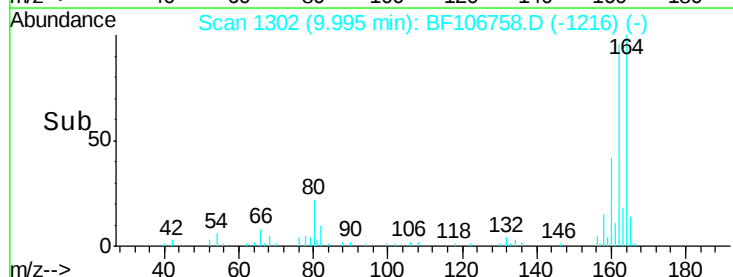
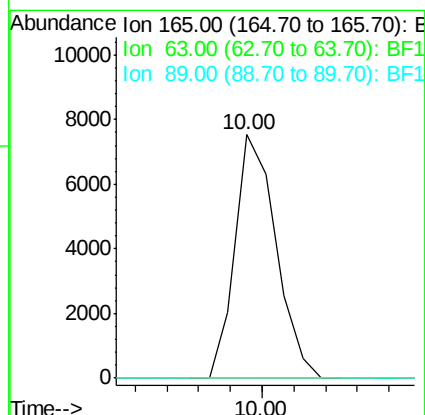
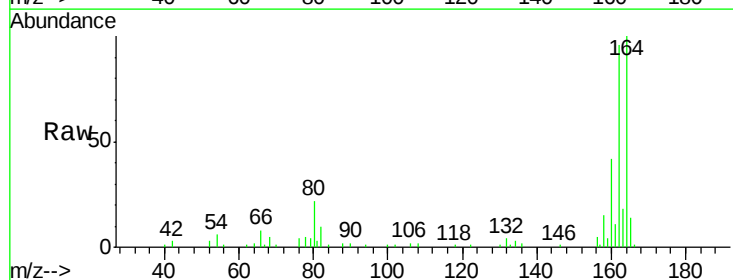
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Tgt Ion:172 Resp: 372586
 Ion Ratio Lower Upper
 172 100
 171 34.9 29.7 44.5
 170 24.4 19.6 29.4



#50
 2,6-Dinitrotoluene
 Concen: 7.786 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. 0.21 min
 Lab File: BF106758.D
 Acq: 23 Jun 2018 13:54

Tgt Ion:165 Resp: 6725
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#

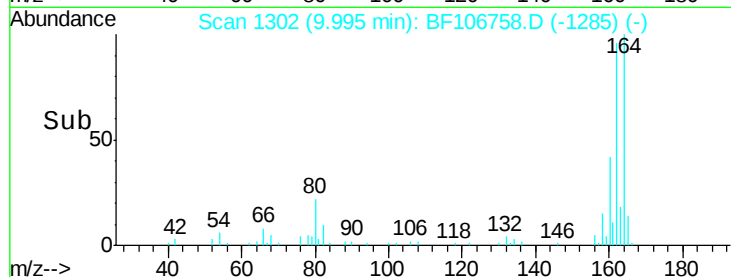
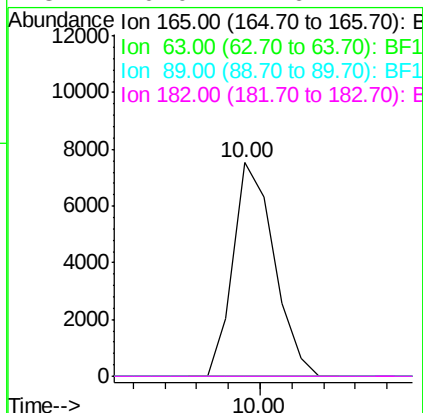
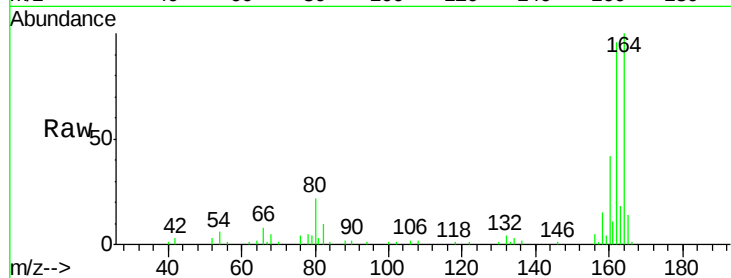




#56
2,4-Dinitrotoluene
Concen: 5.965 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.20 min
Lab File: BF106758.D
Acq: 23 Jun 2018 13:54

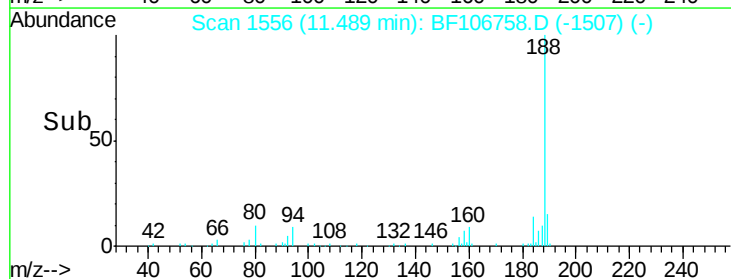
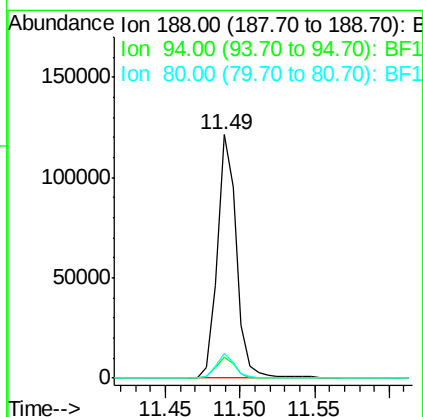
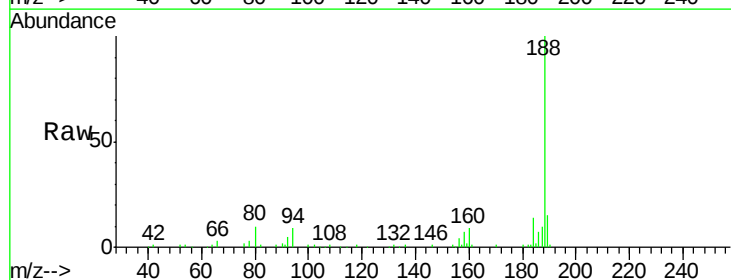
Instrument :
BNA_F
ClientSampleId :
MANHATTANVILLE-FIELD-BLANK-1

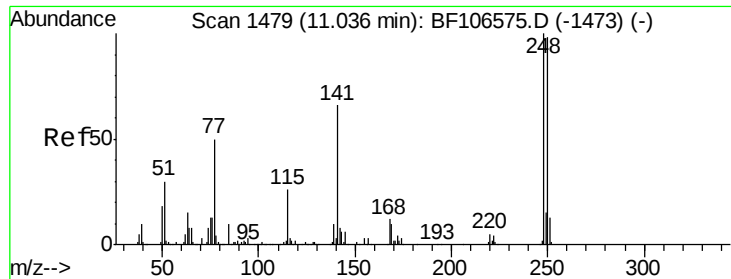
Tgt Ion:165 Resp: 6725
Ion Ratio Lower Upper
165 100
63 0.0 36.4 54.6#
89 0.0 57.8 86.6#
182 0.0 1.6 2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF106758.D
Acq: 23 Jun 2018 13:54

Tgt Ion:188 Resp: 108692
Ion Ratio Lower Upper
188 100
94 8.7 8.5 12.7
80 10.3 9.2 13.8

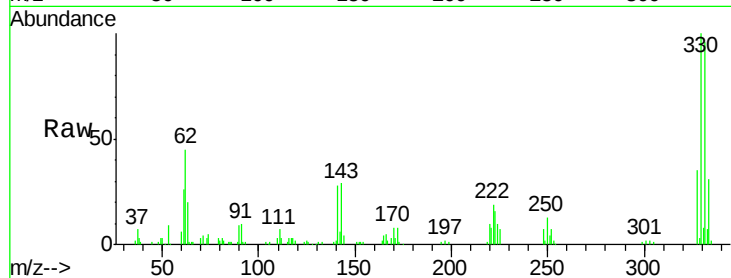




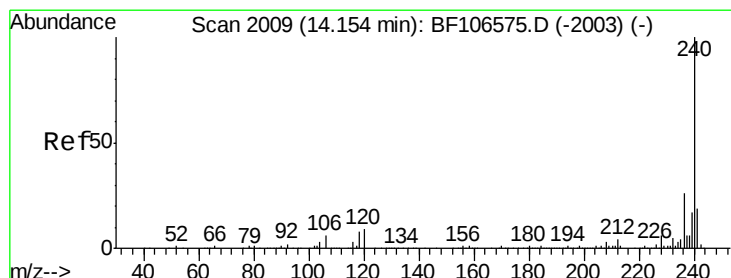
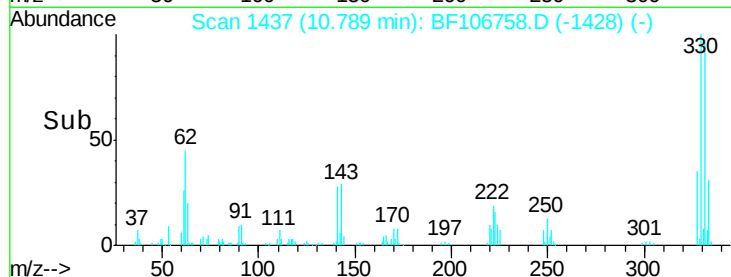
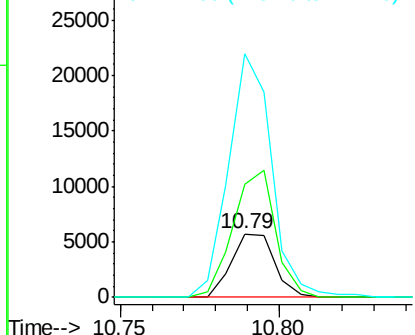
#66
4-Bromophenyl-phenylether
Concen: 4.136 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF106758.D
Acq: 23 Jun 2018 13:54

Instrument :
BNA_F
ClientSampleId :
MANHATTANVILLE-FIELD-BLANK-1

Tgt Ion:248 Resp: 5365
Ion Ratio Lower Upper
248 100
250 178.8 76.9 115.3#
141 384.9 74.4 111.6#

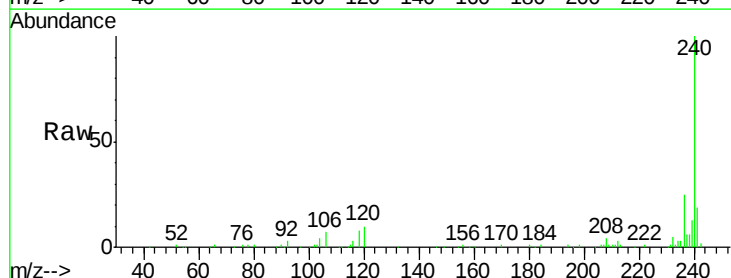


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

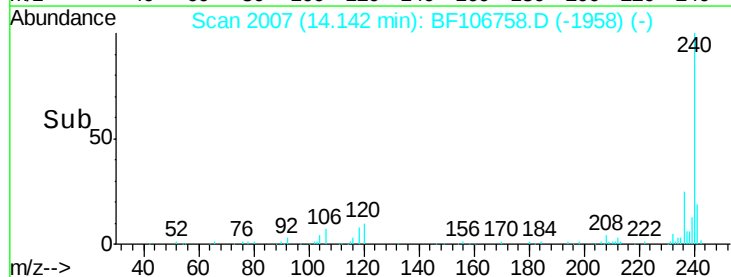
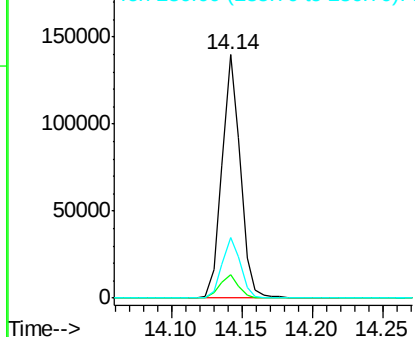


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF106758.D
Acq: 23 Jun 2018 13:54

Tgt Ion:240 Resp: 126437
Ion Ratio Lower Upper
240 100
120 9.5 9.5 14.3
236 25.0 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

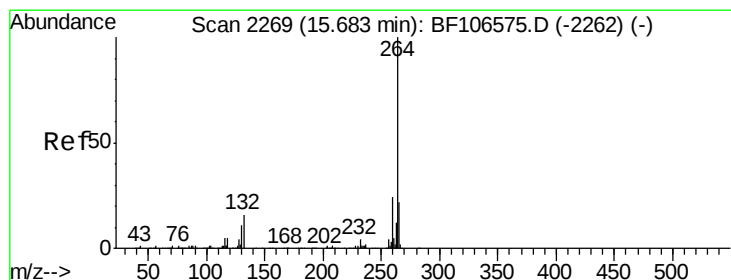
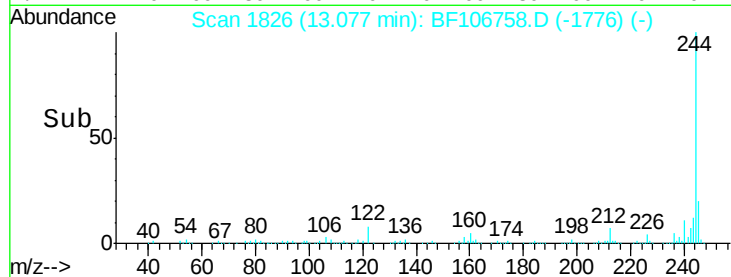
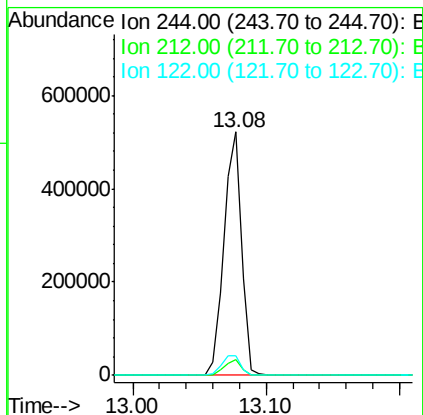
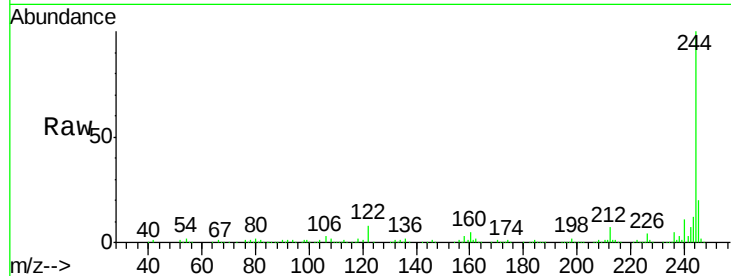




#78
 Terphenyl-d14
 Concen: 93.552 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF106758.D
 Acq: 23 Jun 2018 13:54

Instrument :
 BNA_F
 ClientSampleId :
 MANHATTANVILLE-FIELD-BLANK-1

Tgt Ion:244 Resp: 488313
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 8.2 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: BF106758.D
 Acq: 23 Jun 2018 13:54

Tgt Ion:264 Resp: 88966
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.7 17.5 26.3

