

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062918\
 Data File : BF106994.D
 Acq On : 30 Jun 2018 1:06
 Operator : JU/SJ
 Sample : J3718-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-1A

Quant Time: Jun 30 01:50:20 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 29 14:38:29 2018
 Response via : Initial Calibration

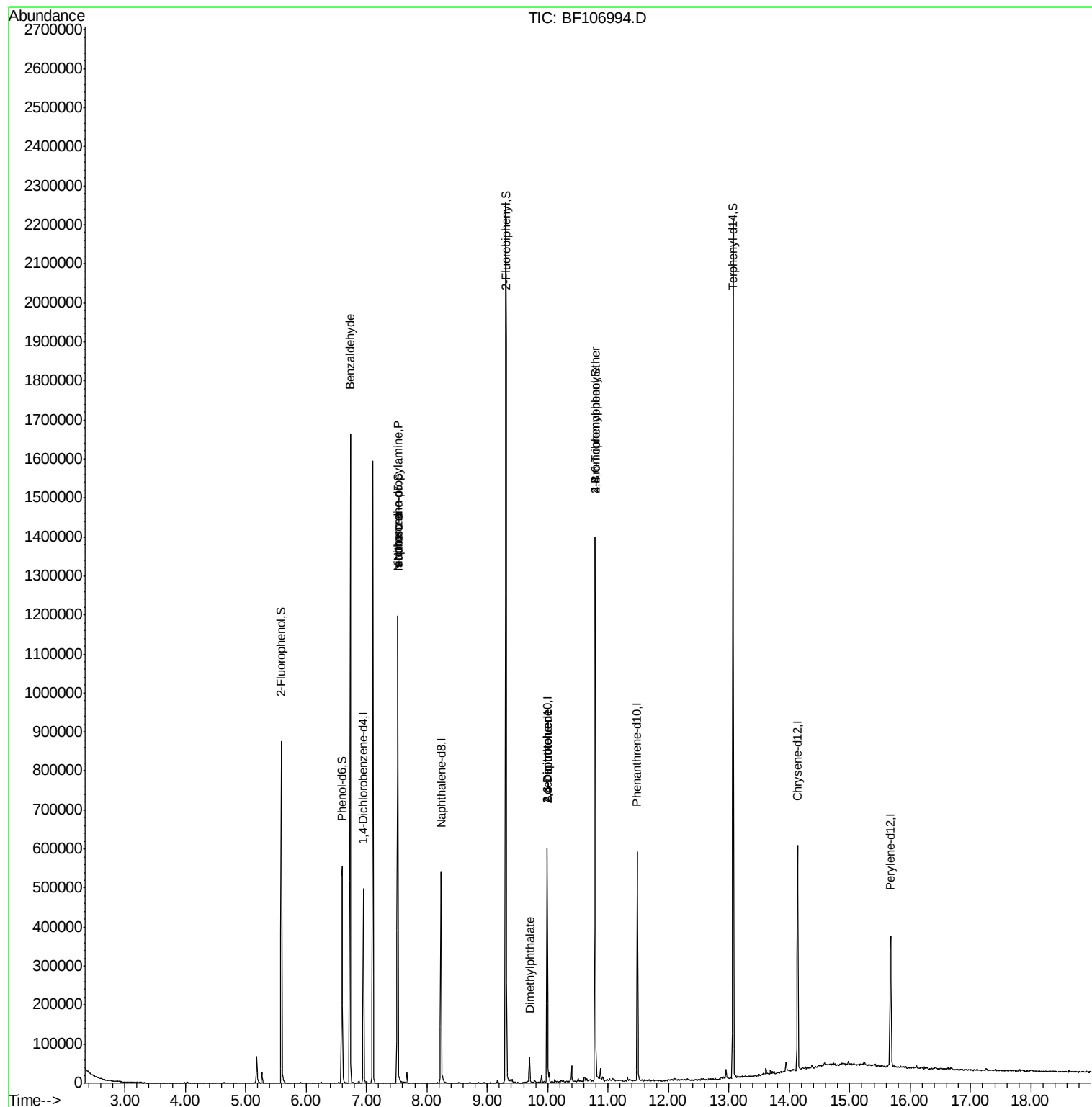
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	74000	20.00	ng	-0.01
21) Naphthalene-d8	8.24	136	274307	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	130379	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	229063	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	213509	20.00	ng	-0.03
86) Perylene-d12	15.68	264	174363	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	259371	59.35	ng	-0.01
7) Phenol-d6	6.60	99	202973	37.19	ng	-0.02
23) Nitrobenzene-d5	7.52	82	432513	87.63	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	204412	135.27	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	780646	104.78	ng	-0.02
78) Terphenyl-d14	13.07	244	820106	93.04	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.73	77	10032	2.189	ng	# 82
19) n-Nitroso-di-n-propylamine	7.52	70	57317	15.933	ng	# 73
25) Isophorone	7.52	82	432506	49.726	ng	# 64
49) Dimethylphthalate	9.70	163	29315	2.998	ng	# 99
50) 2,6-Dinitrotoluene	9.99	165	16372	7.907	ng	# 24
56) 2,4-Dinitrotoluene	9.99	165	16372	6.057	ng	# 21
66) 4-Bromophenyl-phenylether	10.79	248	12495	4.571	ng	# 1

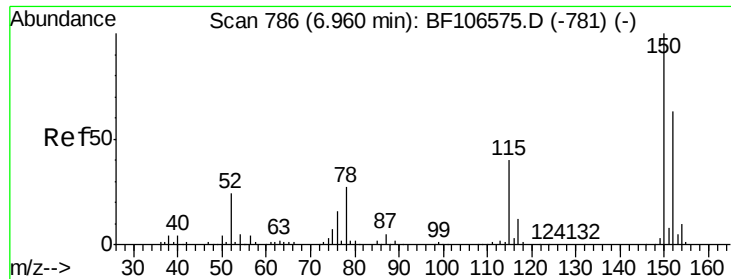
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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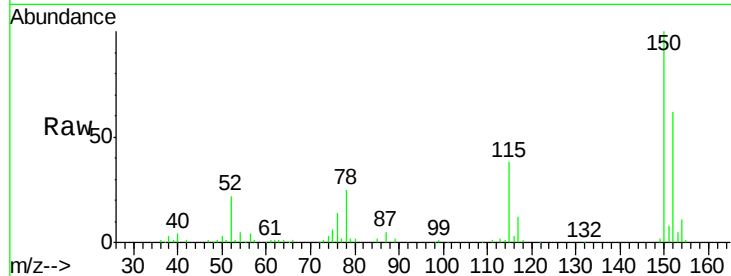


#1

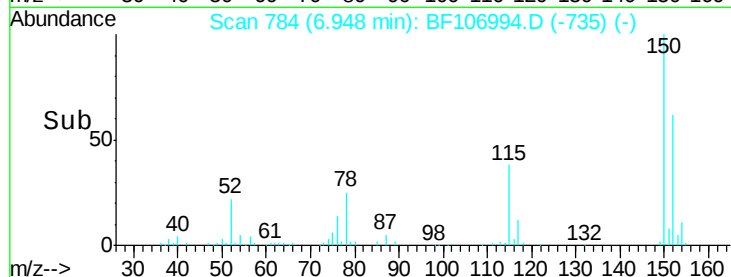
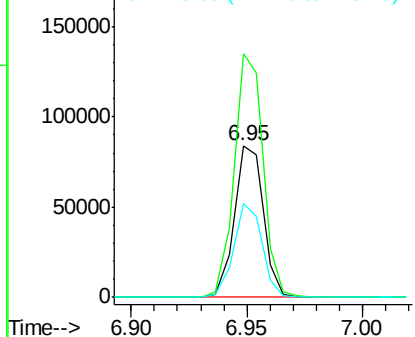
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF106994.D
Acq: 30 Jun 2018 1:06

Instrument :
BNA_F
ClientSampleId :
W-1A

Tgt Ion:152 Resp: 74000
Ion Ratio Lower Upper
152 100
150 160.3 124.6 186.8
115 61.5 50.1 75.1



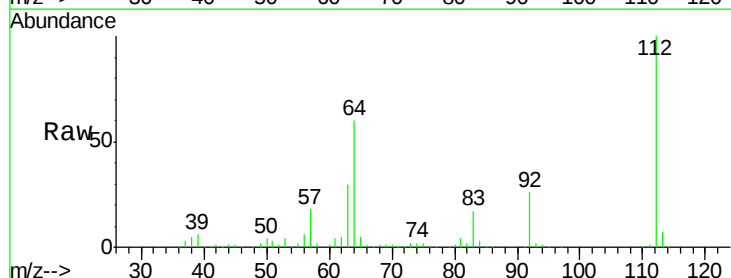
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



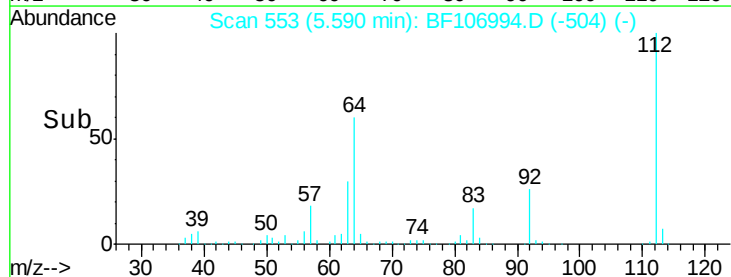
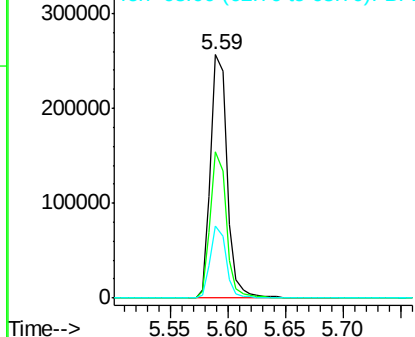
#5

2-Fluorophenol
Concen: 59.351 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF106994.D
Acq: 30 Jun 2018 1:06

Tgt Ion:112 Resp: 259371
Ion Ratio Lower Upper
112 100
64 60.3 47.9 71.9
63 29.6 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: 37.192 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF106994.D

Acq: 30 Jun 2018 1:06

Instrument :

BNA_F

ClientSampled :

W-1A

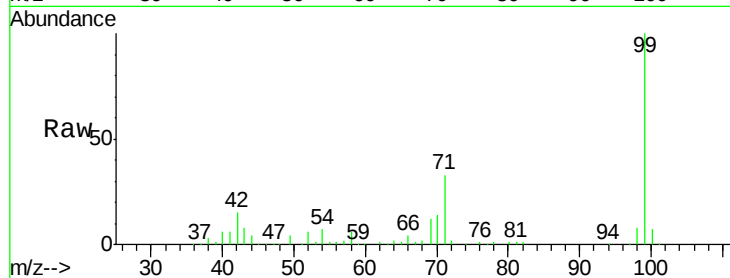
Tgt Ion: 99 Resp: 202973

Ion Ratio Lower Upper

99 100

42 15.4 14.5 21.7

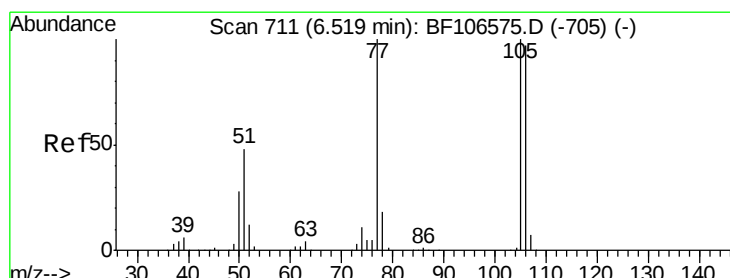
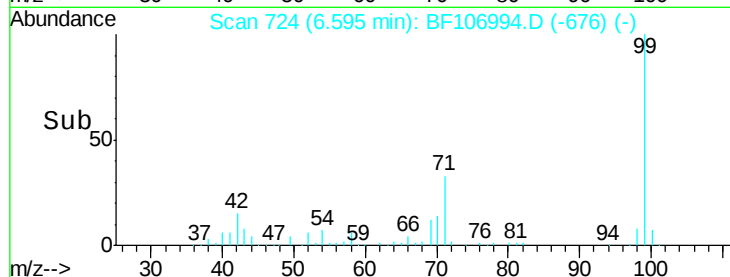
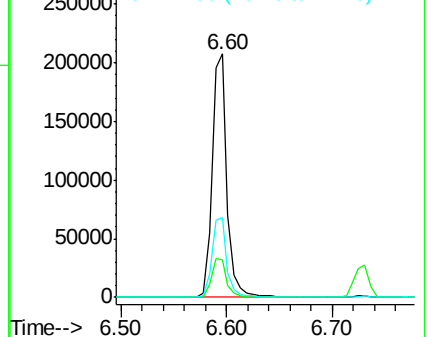
71 33.0 25.4 38.0



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: 2.189 ng

RT: 6.73 min Scan# 747

Delta R.T. 0.21 min

Lab File: BF106994.D

Acq: 30 Jun 2018 1:06

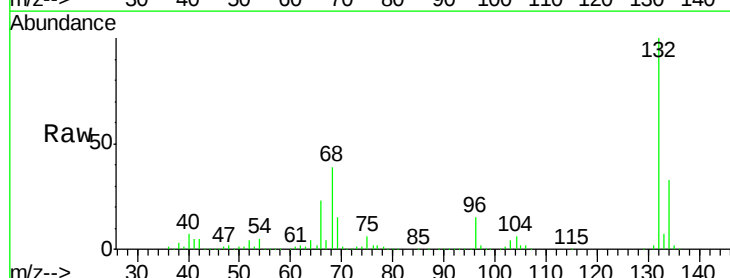
Tgt Ion: 77 Resp: 10032

Ion Ratio Lower Upper

77 100

105 85.7 81.1 121.1

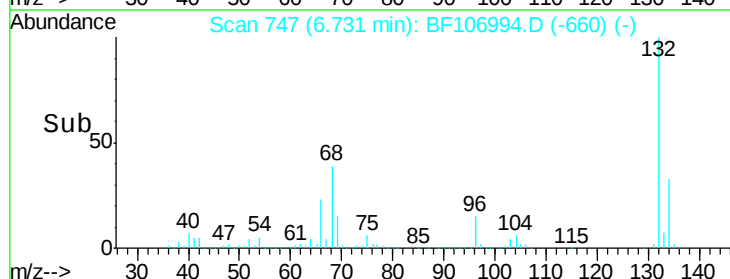
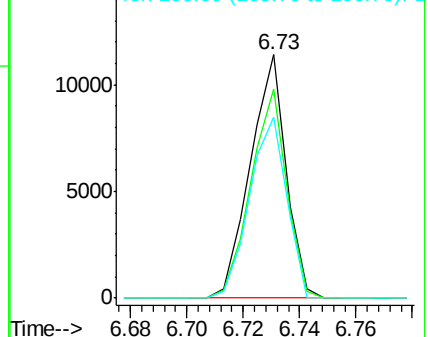
106 74.3 74.5 114.5#

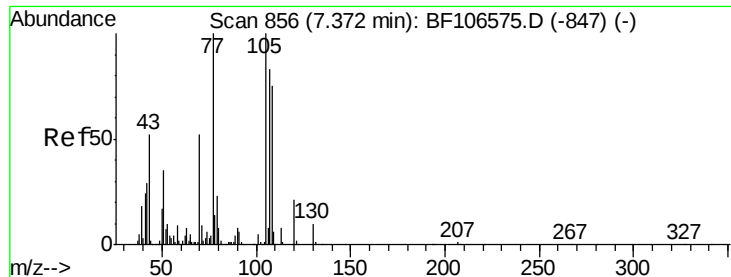


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

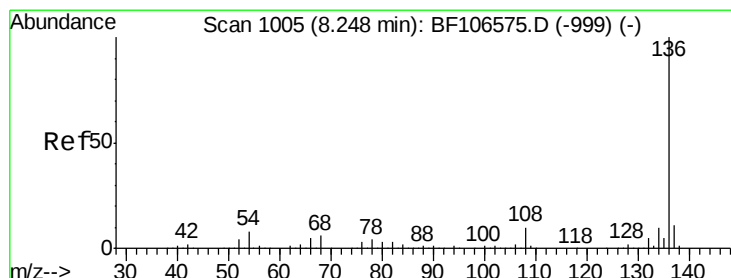
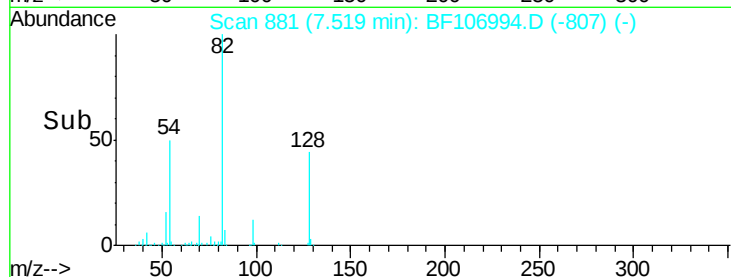
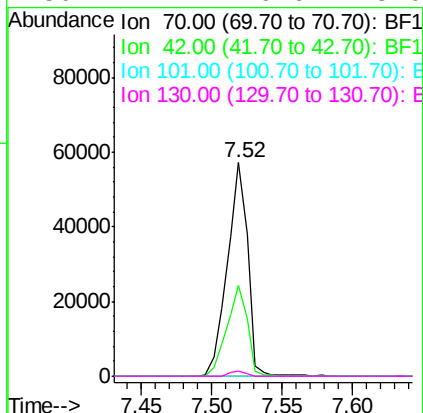
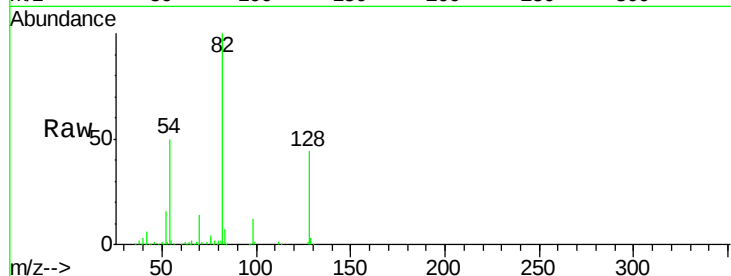




#19
n-Nitroso-di-n-propylamine
Concen: 15.933 ng
RT: 7.52 min Scan# 881
Delta R.T. 0.14 min
Lab File: BF106994.D
Acq: 30 Jun 2018 1:06

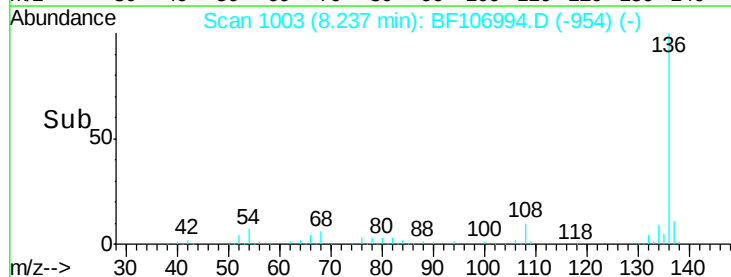
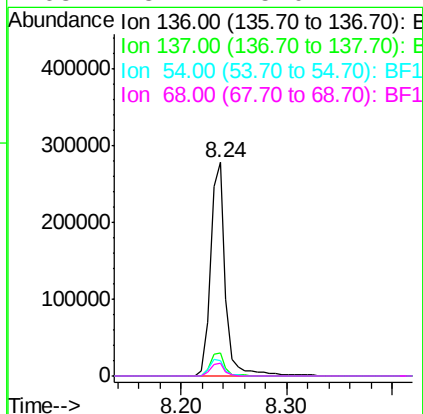
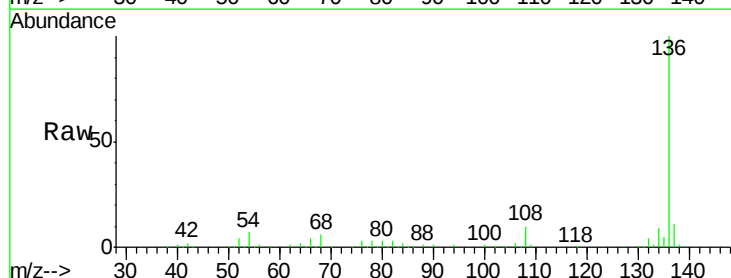
Instrument :
BNA_F
ClientSampleId :
W-1A

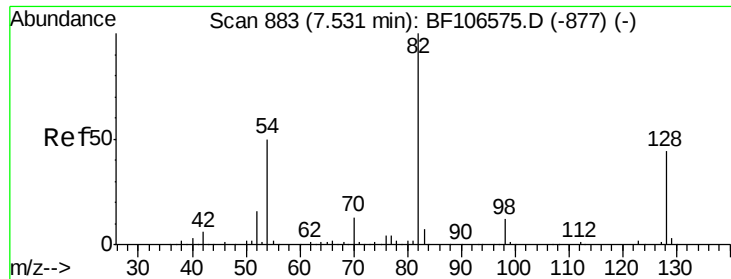
Tgt Ion:	70	Resp:	57317
Ion	Ratio	Lower	Upper
70	100		
42	42.3	47.5	71.3#
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF106994.D
Acq: 30 Jun 2018 1:06

Tgt Ion:	136	Resp:	274307
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.2	6.6	9.8
68	5.7	5.0	7.4

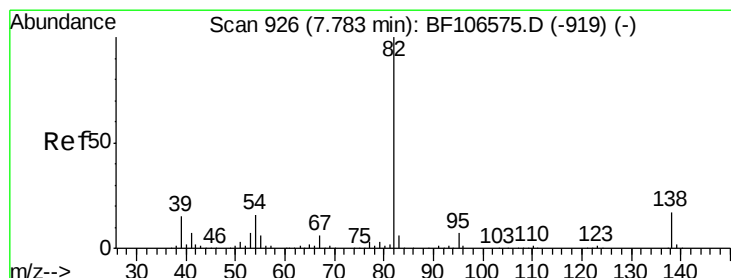
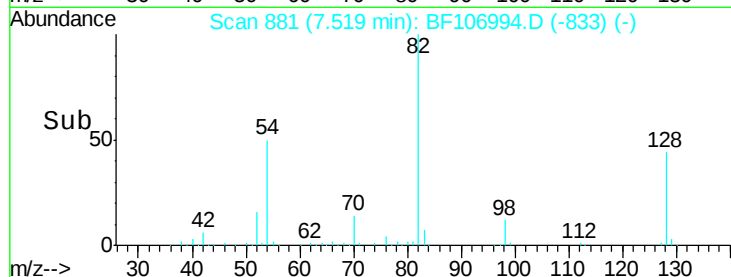
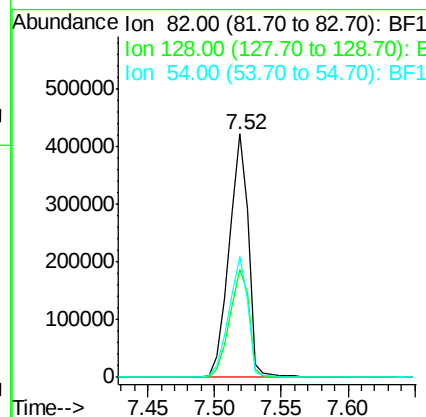
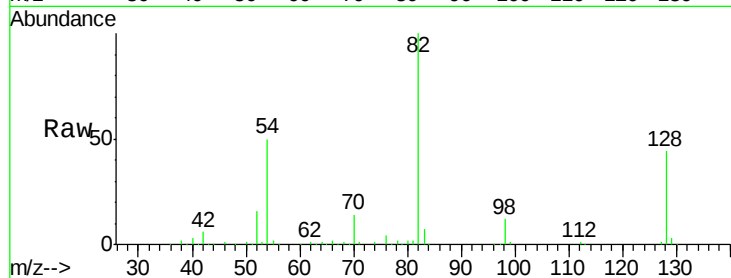




#23
 Nitrobenzene-d5
 Concen: 87.625 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF106994.D
 Acq: 30 Jun 2018 1:06

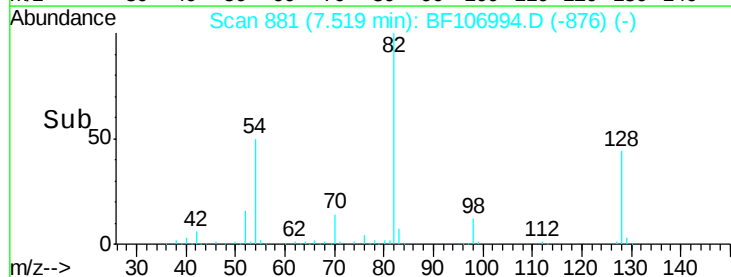
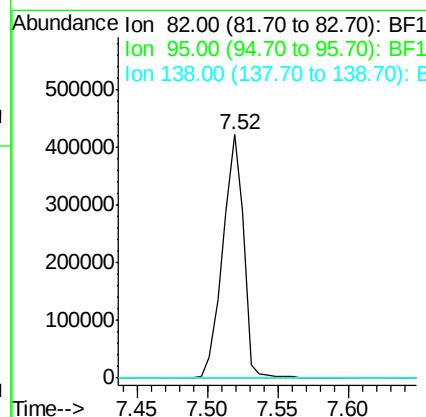
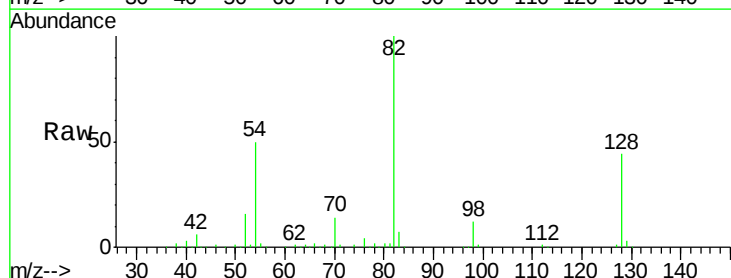
Instrument :
 BNA_F
 ClientSampleId :
 W-1A

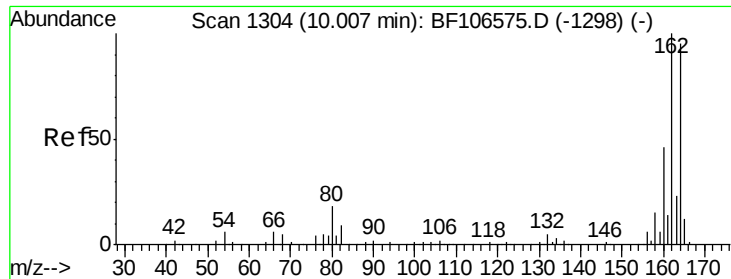
Tgt Ion: 82 Resp: 432513
 Ion Ratio Lower Upper
 82 100
 128 44.3 36.1 54.1
 54 49.8 41.4 62.2



#25
 Isophorone
 Concen: 49.726 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.27 min
 Lab File: BF106994.D
 Acq: 30 Jun 2018 1:06

Tgt Ion: 82 Resp: 432506
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF106994.D

Acq: 30 Jun 2018 1:06

Instrument :

BNA_F

ClientSampleId :

W-1A

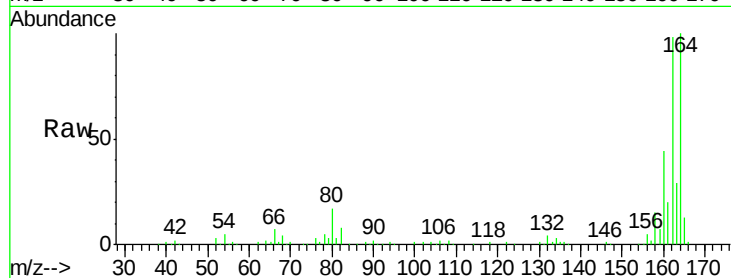
Tgt Ion:164 Resp: 130379

Ion Ratio Lower Upper

164 100

162 97.9 86.1 129.1

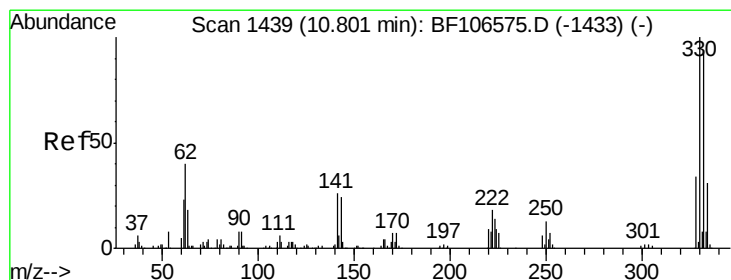
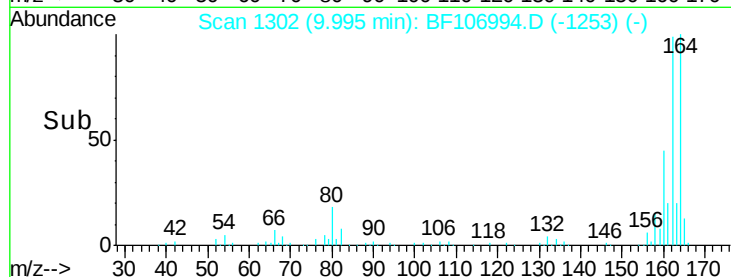
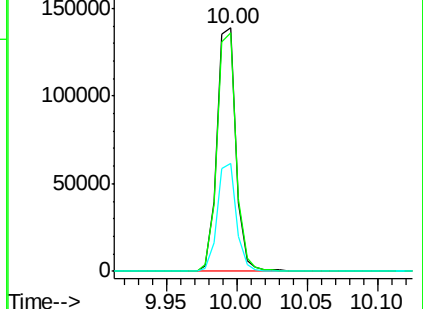
160 44.5 38.3 57.5



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: 135.271 ng

RT: 10.79 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF106994.D

Acq: 30 Jun 2018 1:06

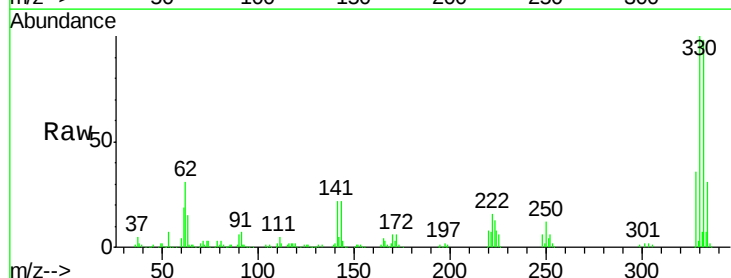
Tgt Ion:330 Resp: 204412

Ion Ratio Lower Upper

330 100

332 97.2 77.0 115.6

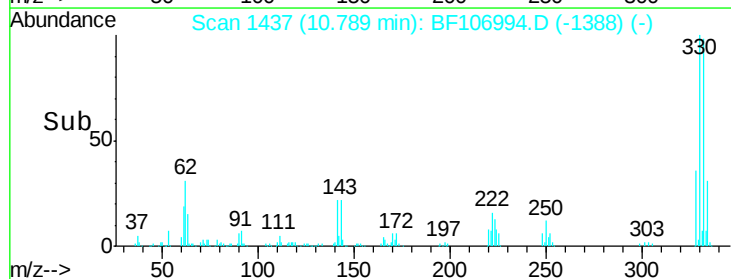
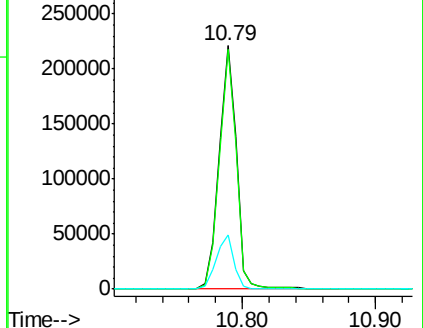
141 22.9 29.9 44.9#

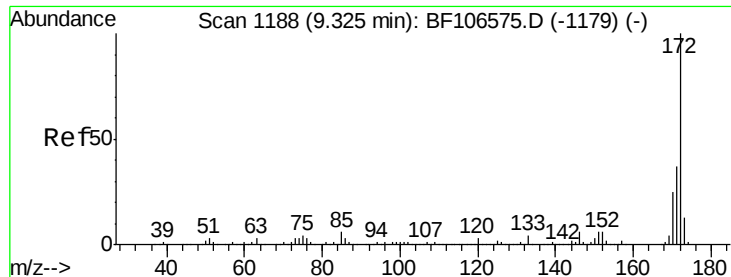


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

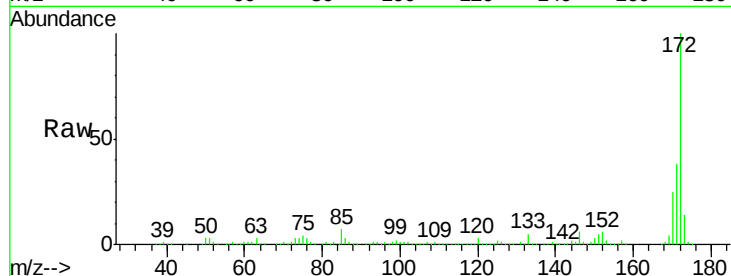




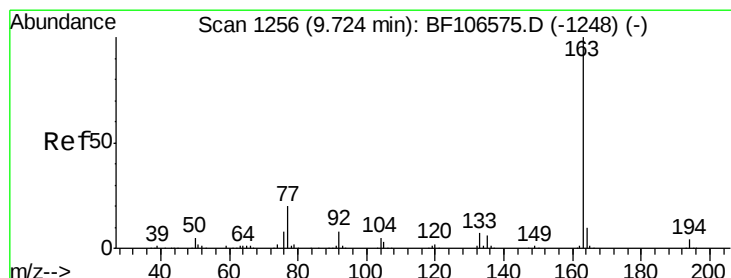
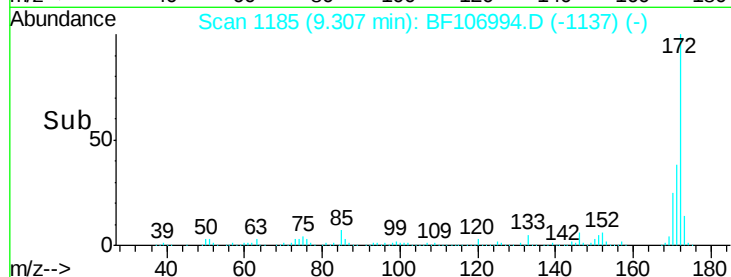
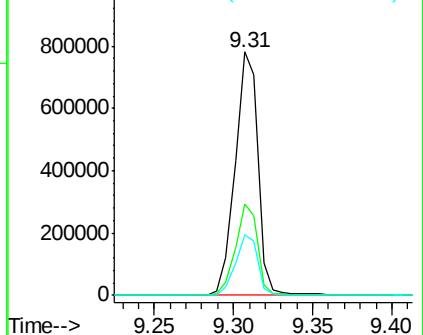
#44
 2-Fluorobiphenyl
 Concen: 104.779 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF106994.D
 Acq: 30 Jun 2018 1:06

Instrument :
 BNA_F
 ClientSampleId :
 W-1A

Tgt Ion:172 Resp: 780646
 Ion Ratio Lower Upper
 172 100
 171 37.5 29.7 44.5
 170 24.9 19.6 29.4

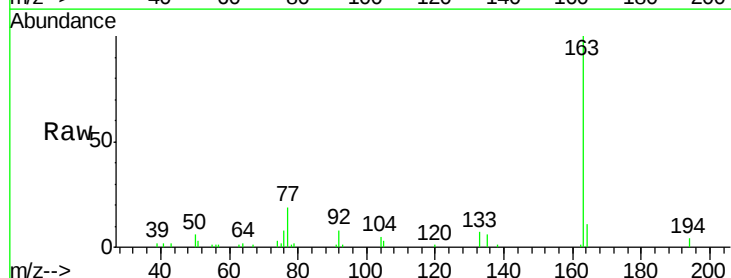


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

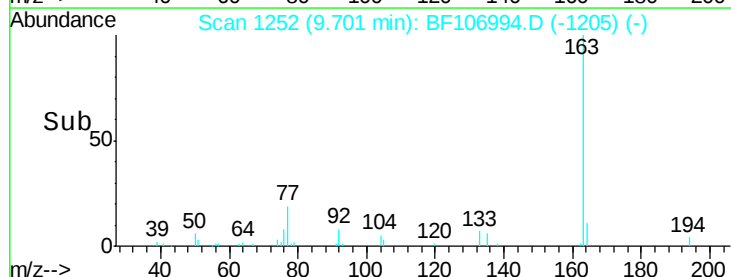
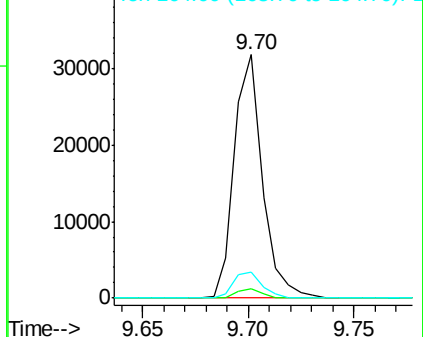


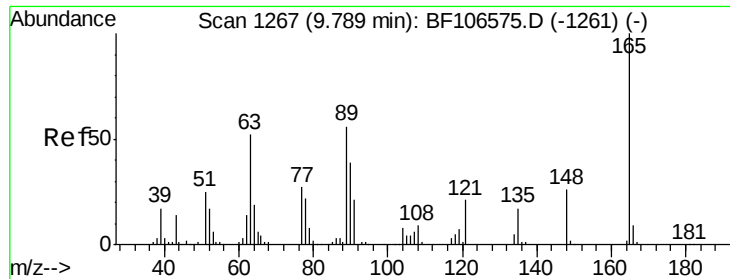
#49
 Dimethylphthalate
 Concen: 2.998 ng
 RT: 9.70 min Scan# 1252
 Delta R.T. -0.02 min
 Lab File: BF106994.D
 Acq: 30 Jun 2018 1:06

Tgt Ion:163 Resp: 29315
 Ion Ratio Lower Upper
 163 100
 194 3.9 2.7 4.1
 164 10.5 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

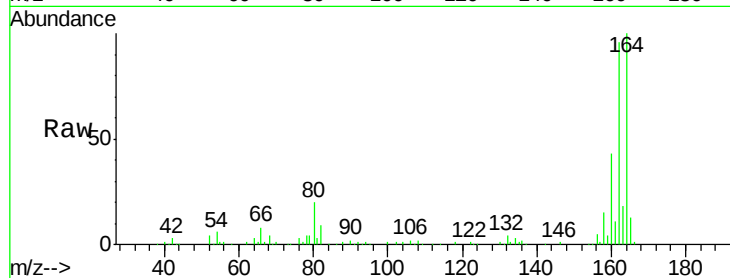




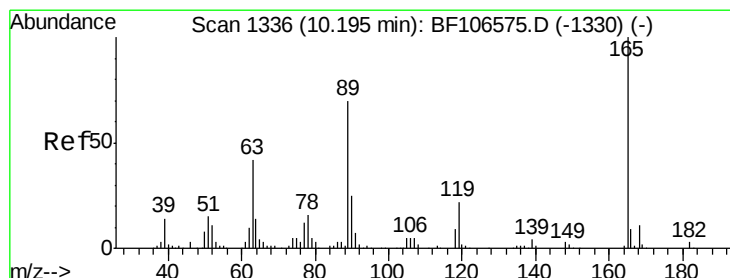
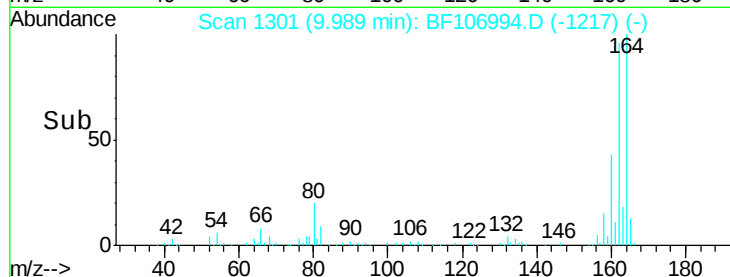
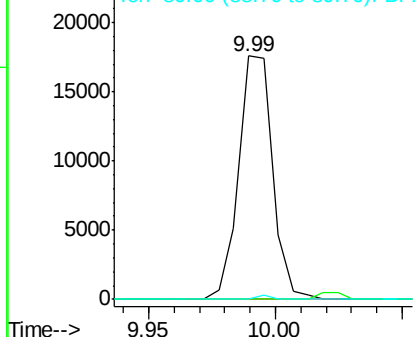
#50
2,6-Dinitrotoluene
Concen: 7.907 ng
RT: 9.99 min Scan# 1301
Delta R.T. 0.19 min
Lab File: BF106994.D
Acq: 30 Jun 2018 1:06

Instrument :
BNA_F
ClientSampleId :
W-1A

Tgt Ion:165 Resp: 16372
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 0.0 44.0 66.0#



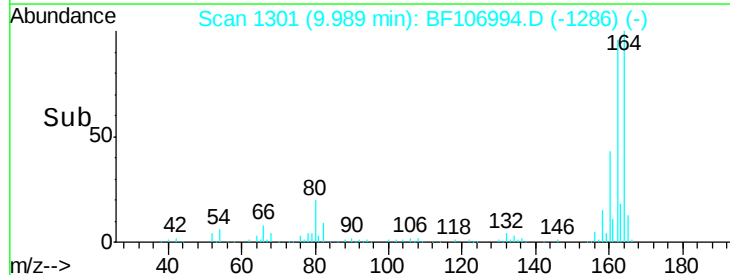
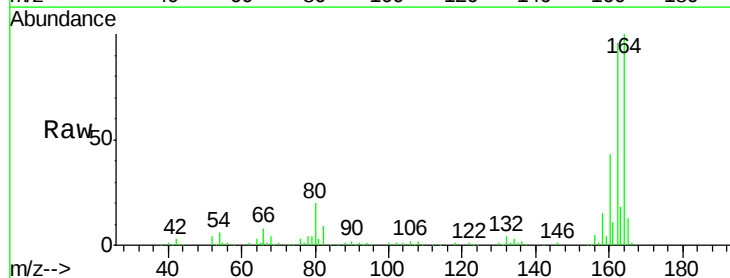
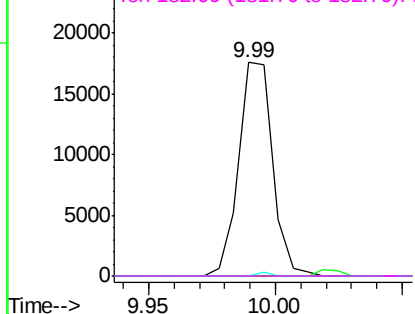
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

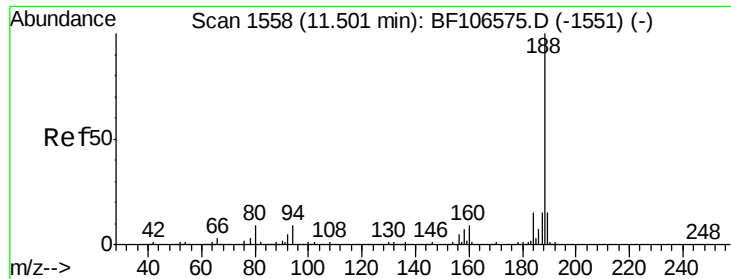


#56
2,4-Dinitrotoluene
Concen: 6.057 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.21 min
Lab File: BF106994.D
Acq: 30 Jun 2018 1:06

Tgt Ion:165 Resp: 16372
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#

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: 20.000 ng

RT: 11.48 min Scan# 1555

Delta R.T. -0.02 min

Lab File: BF106994.D

Acq: 30 Jun 2018 1:06

Instrument :

BNA_F

ClientSampleId :

W-1A

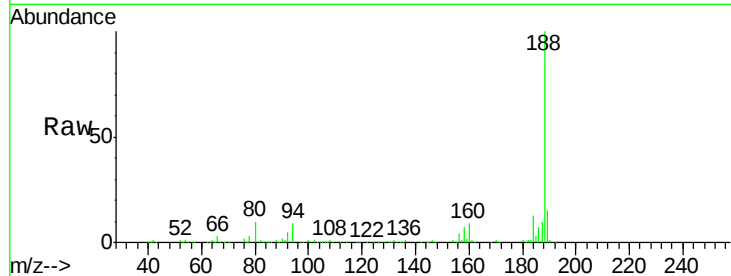
Tgt Ion:188 Resp: 229063

Ion Ratio Lower Upper

188 100

94 9.1 8.5 12.7

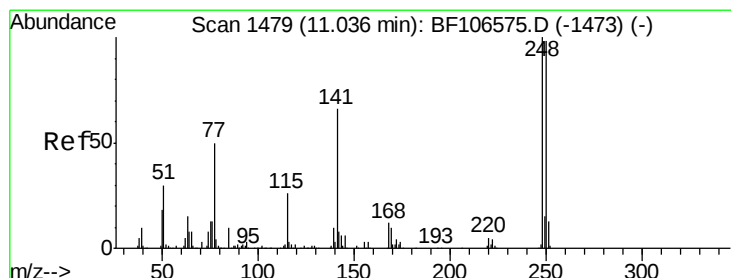
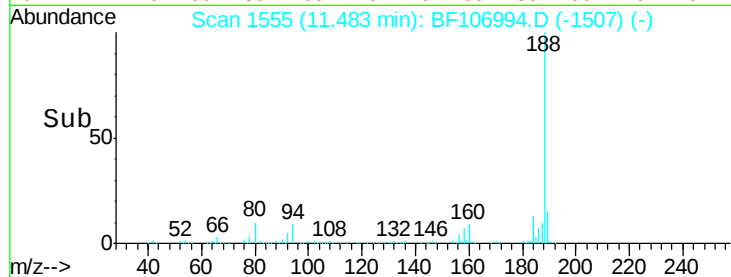
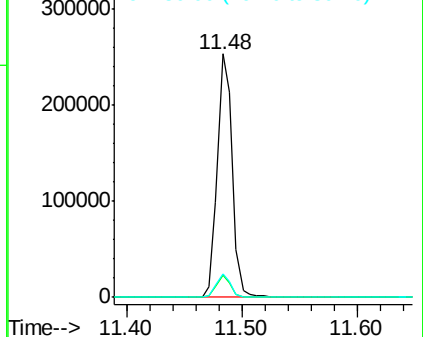
80 9.7 9.2 13.8



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



#66

4-Bromophenyl-phenylether

Concen: 4.571 ng

RT: 10.79 min Scan# 1437

Delta R.T. -0.25 min

Lab File: BF106994.D

Acq: 30 Jun 2018 1:06

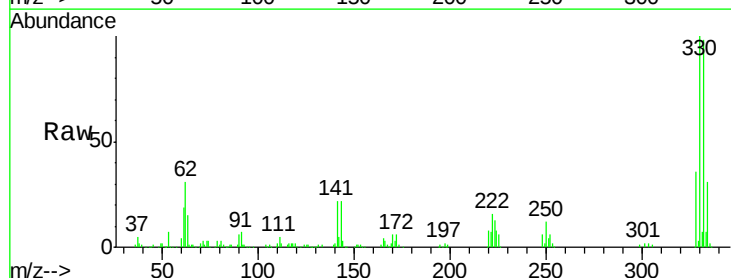
Tgt Ion:248 Resp: 12495

Ion Ratio Lower Upper

248 100

250 193.0 76.9 115.3#

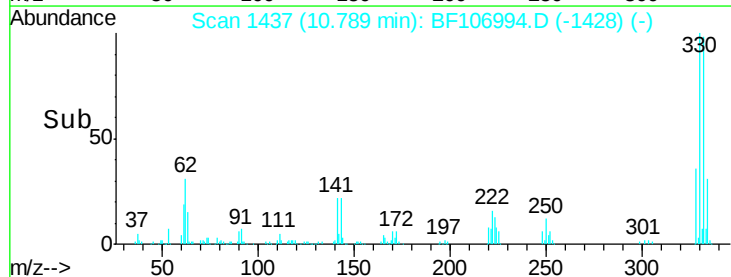
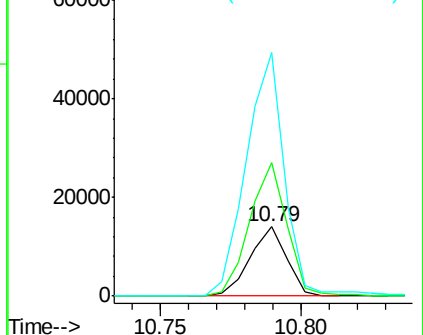
141 353.2 74.4 111.6#

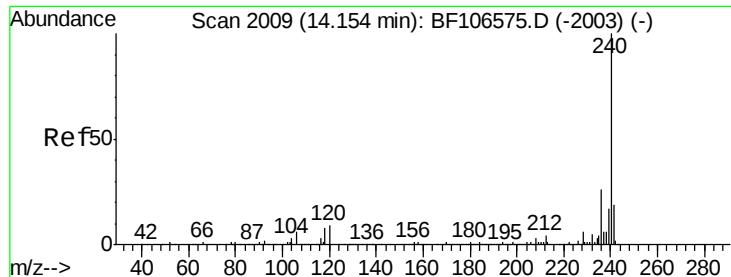


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2006

Delta R.T. -0.03 min

Lab File: BF106994.D

Acq: 30 Jun 2018 1:06

Instrument :

BNA_F

ClientSampleId :

W-1A

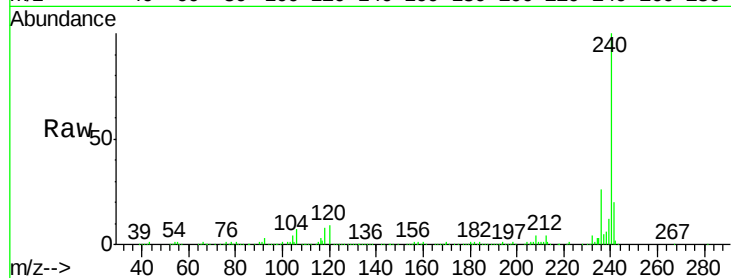
Tgt Ion:240 Resp: 213509

Ion Ratio Lower Upper

240 100

120 9.4 9.5 14.3#

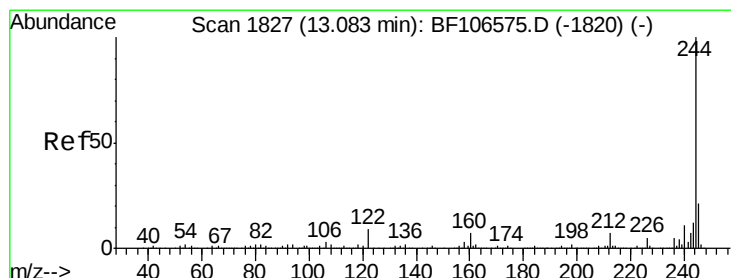
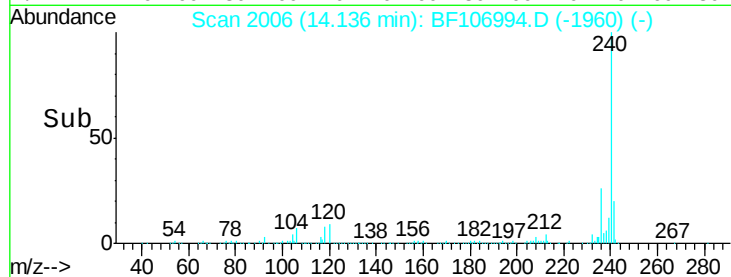
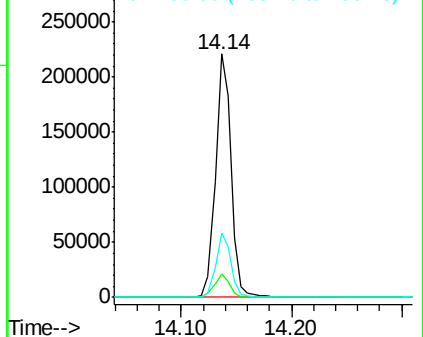
236 26.2 20.7 31.1



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: 93.043 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF106994.D

Acq: 30 Jun 2018 1:06

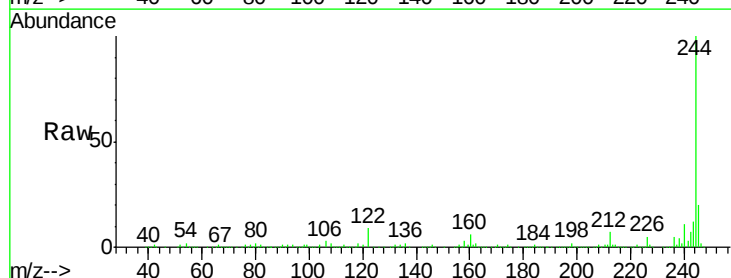
Tgt Ion:244 Resp: 820106

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

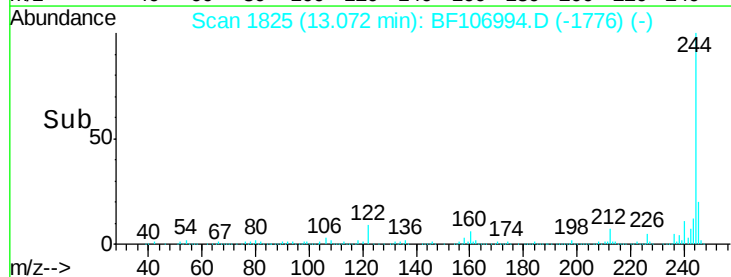
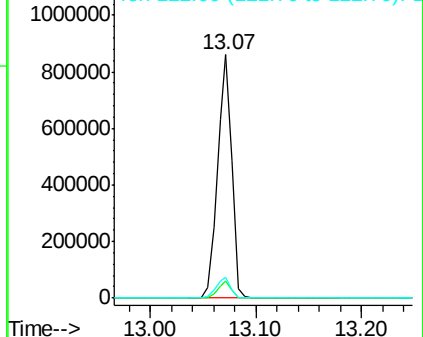
122 8.6 11.0 16.4#

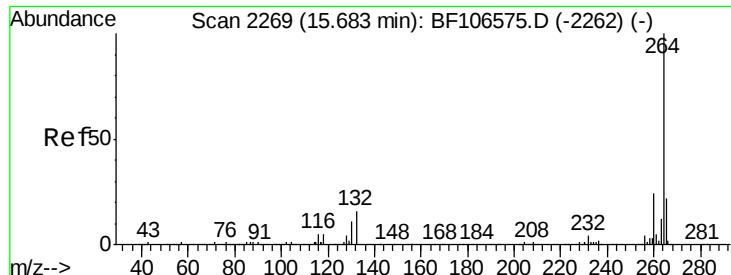


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

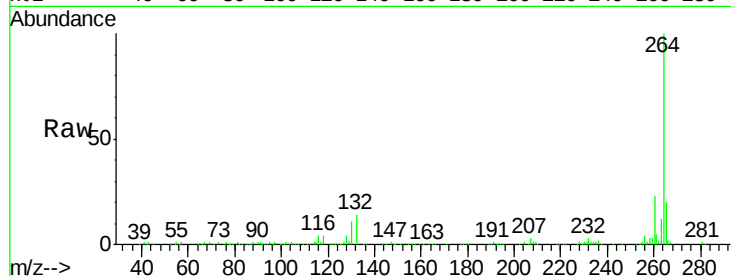




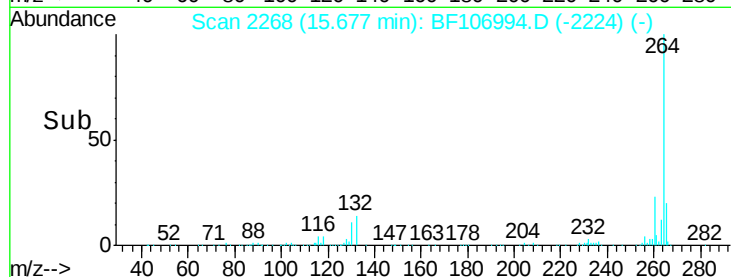
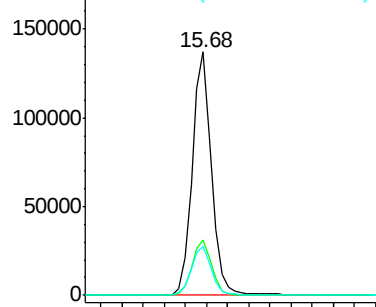
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.04 min
Lab File: BF106994.D
Acq: 30 Jun 2018 1:06

Instrument :
BNA_F
ClientSampleId :
W-1A

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	20.0	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



Time-->