

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062818\
 Data File : BF106954.D
 Acq On : 29 Jun 2018 6:42
 Operator : JU/SJ
 Sample : J3693-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-25

Quant Time: Jun 29 07:59:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

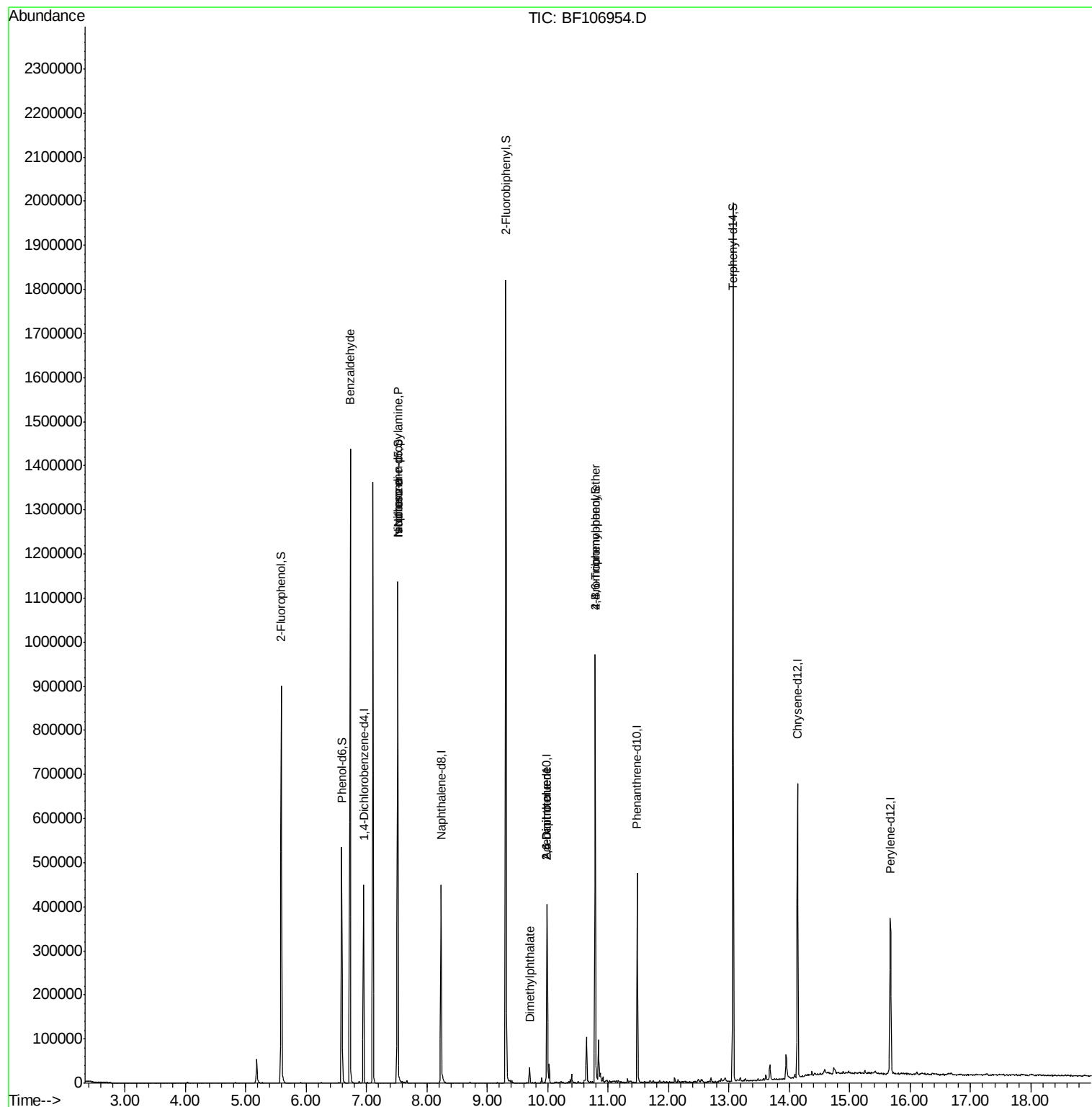
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	67725	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	224995	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	93086	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	168406	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	225610	20.00	ng	-0.03
86) Perylene-d12	15.67	264	186875	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	240288	60.08	ng	-0.01
7) Phenol-d6	6.59	99	177993	35.64	ng	-0.02
23) Nitrobenzene-d5	7.52	82	368689	91.07	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	145712	135.06	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	599777	114.11	ng	-0.02
78) Terphenyl-d14	13.07	244	749795	80.50	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.73	77	9002	2.147	ng	# 78
19) n-Nitroso-di-n-propylamine	7.52	70	48717	14.797	ng	# 73
25) Isophorone	7.52	82	368685	51.678	ng	# 64
49) Dimethylphthalate	9.70	163	17461	2.501	ng	# 98
50) 2,6-Dinitrotoluene	9.99	165	11358	7.683	ng	# 24
56) 2,4-Dinitrotoluene	9.99	165	11358	5.886	ng	# 21
66) 4-Bromophenyl-phenylether	10.78	248	9007	4.481	ng	# 1

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

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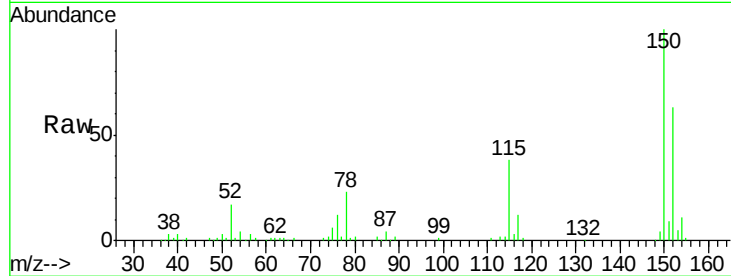


#1

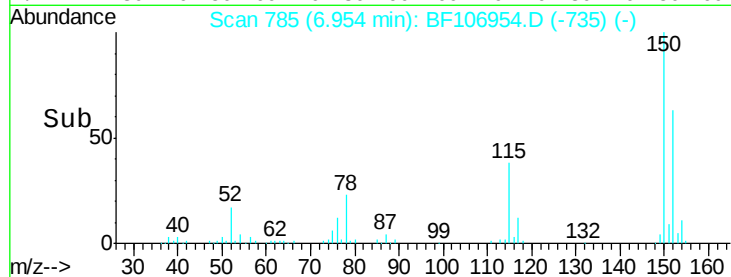
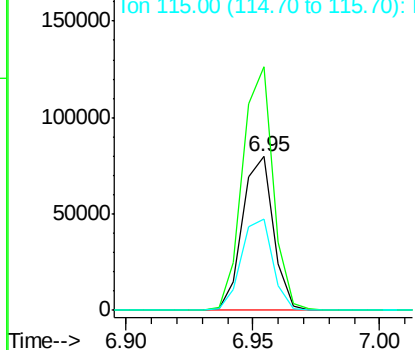
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106954.D
Acq: 29 Jun 2018 6:42

Instrument :
BNA_F
ClientSampleId :
W-25

Tgt Ion:152 Resp: 67725
Ion Ratio Lower Upper
152 100
150 158.6 124.6 186.8
115 59.5 50.1 75.1



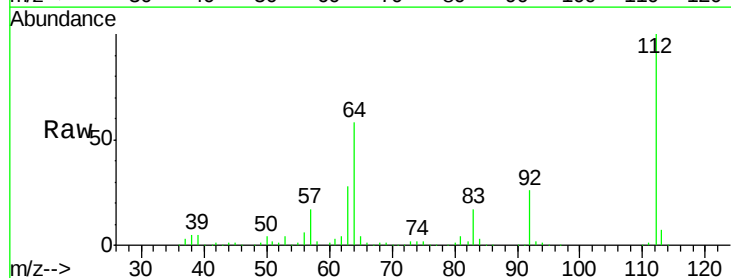
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



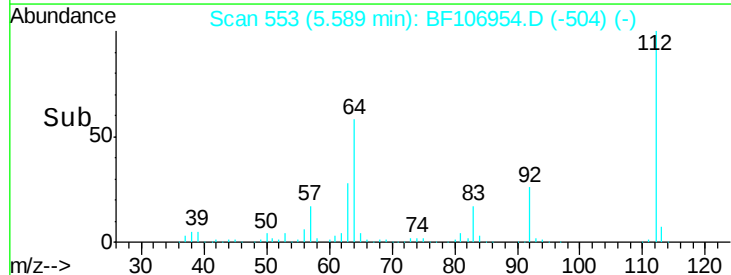
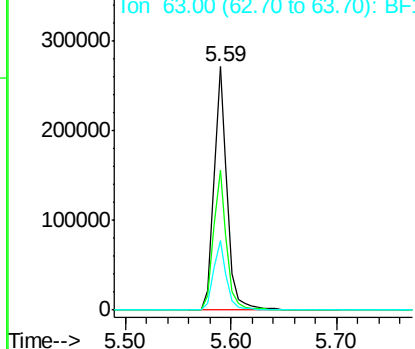
#5

2-Fluorophenol
Concen: 60.079 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF106954.D
Acq: 29 Jun 2018 6:42

Tgt Ion:112 Resp: 240288
Ion Ratio Lower Upper
112 100
64 57.7 47.9 71.9
63 28.3 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: 35.637 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF106954.D

Acq: 29 Jun 2018 6:42

Instrument :

BNA_F

ClientSampled :

W-25

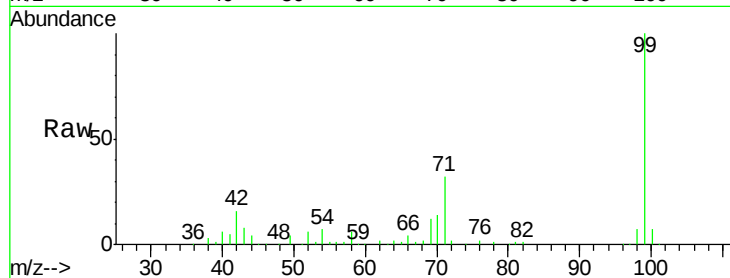
Tgt Ion: 99 Resp: 177993

Ion Ratio Lower Upper

99 100

42 15.8 14.5 21.7

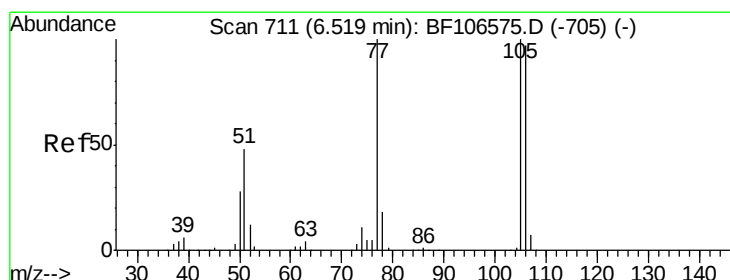
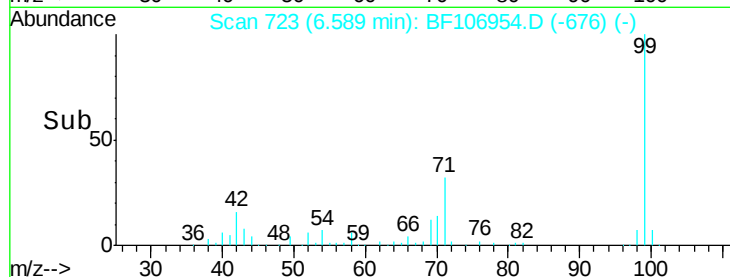
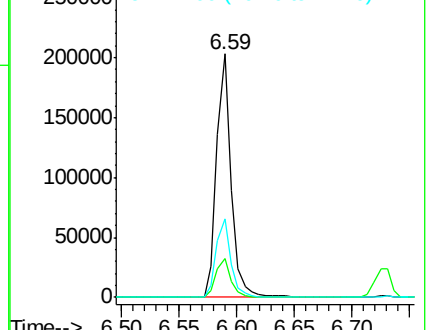
71 32.1 25.4 38.0



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: 2.147 ng

RT: 6.73 min Scan# 747

Delta R.T. 0.21 min

Lab File: BF106954.D

Acq: 29 Jun 2018 6:42

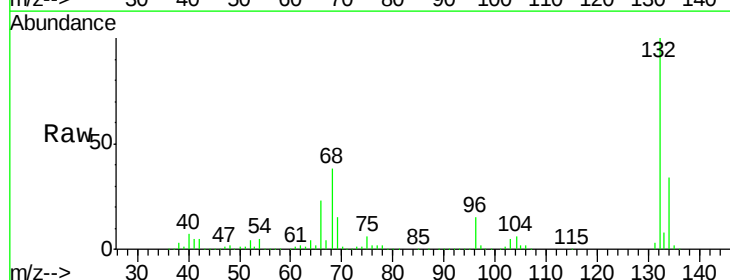
Tgt Ion: 77 Resp: 9002

Ion Ratio Lower Upper

77 100

105 75.8 81.1 121.1#

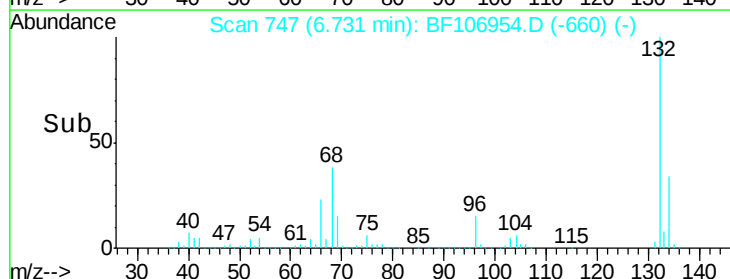
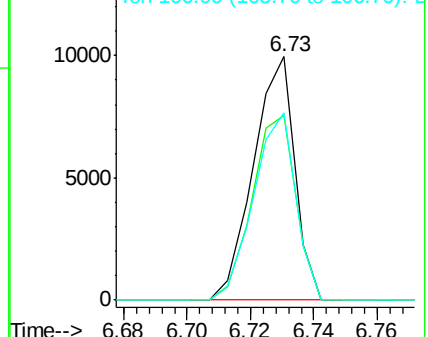
106 76.8 74.5 114.5

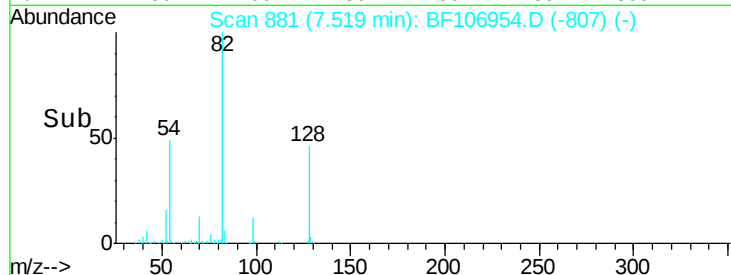
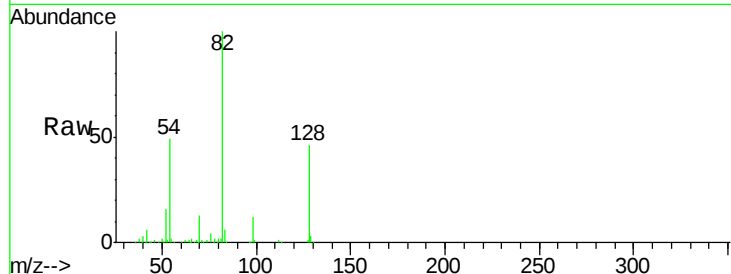
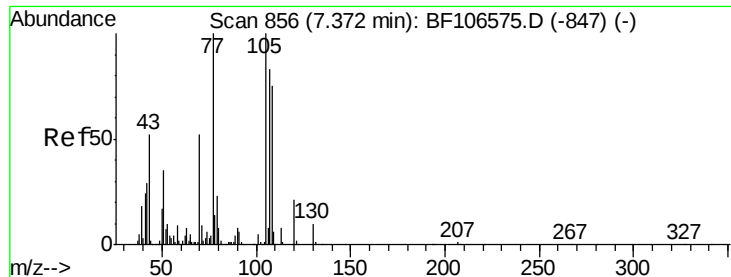


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

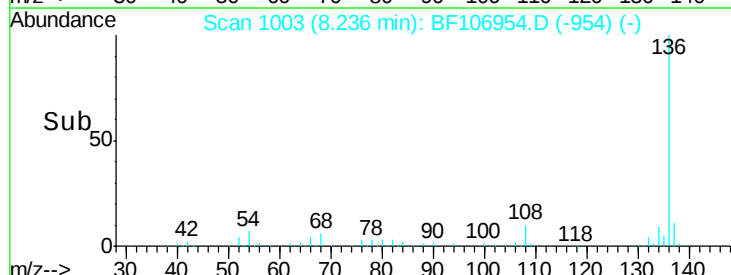
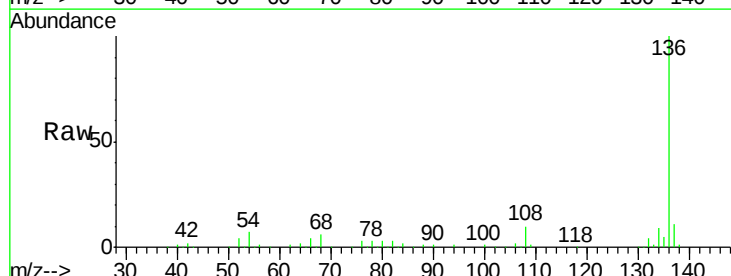
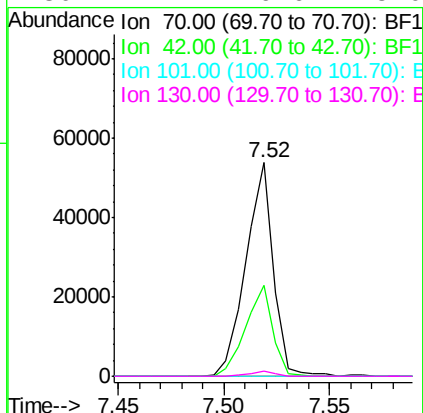




#19
n-Nitroso-di-n-propylamine
Concen: 14.797 ng
RT: 7.52 min Scan# 881
Delta R.T. 0.14 min
Lab File: BF106954.D
Acq: 29 Jun 2018 6:42

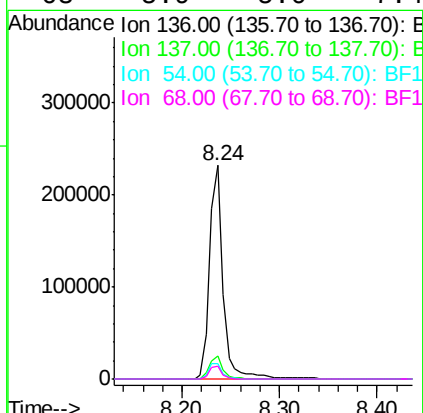
Instrument :
BNA_F
ClientSampleId :
W-25

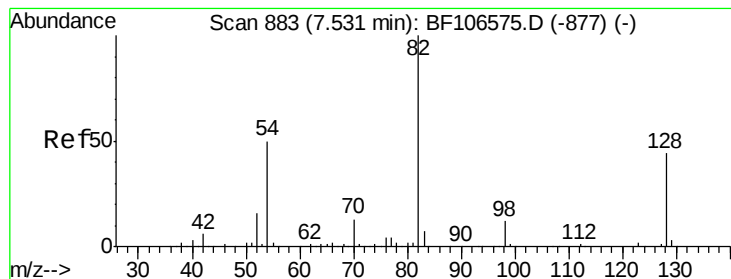
Tgt Ion: 70 Resp: 48717
Ion Ratio Lower Upper
70 100
42 42.5 47.5 71.3#
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF106954.D
Acq: 29 Jun 2018 6:42

Tgt Ion: 136 Resp: 224995
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 7.4 6.6 9.8
68 5.9 5.0 7.4





#23

Nitrobenzene-d5

Concen: 91.066 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.02 min

Lab File: BF106954.D

Acq: 29 Jun 2018 6:42

Instrument :

BNA_F

ClientSampleId :

W-25

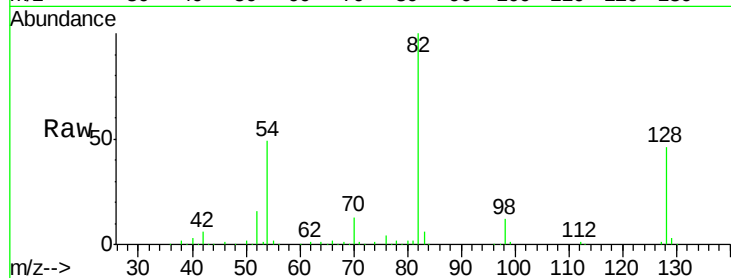
Tgt Ion: 82 Resp: 368689

Ion Ratio Lower Upper

82 100

128 45.7 36.1 54.1

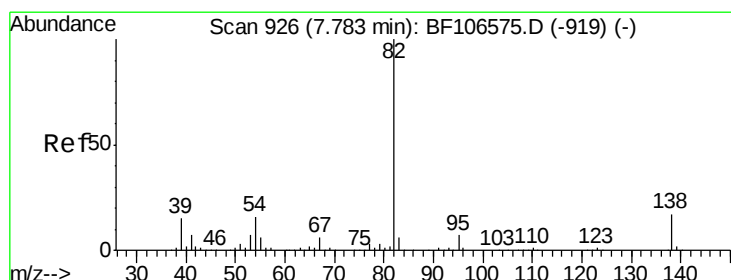
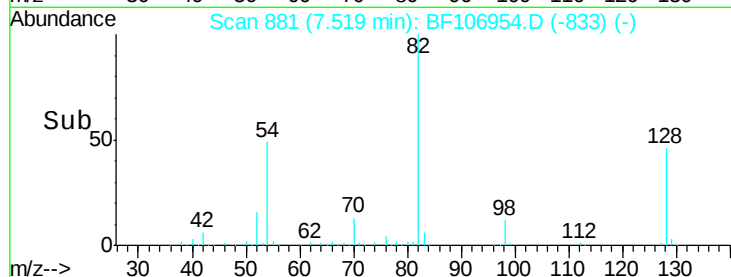
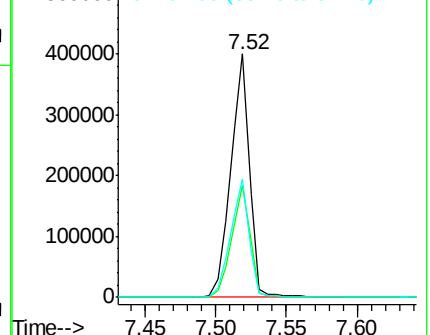
54 48.7 41.4 62.2



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: 51.678 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.27 min

Lab File: BF106954.D

Acq: 29 Jun 2018 6:42

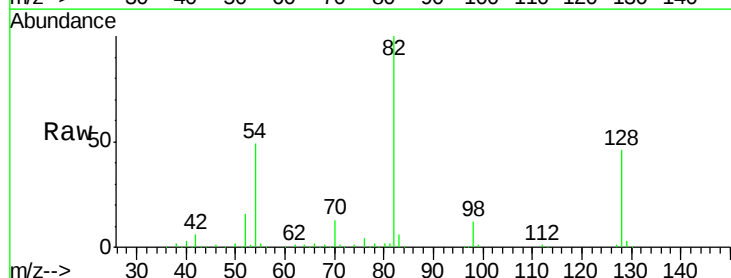
Tgt Ion: 82 Resp: 368685

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

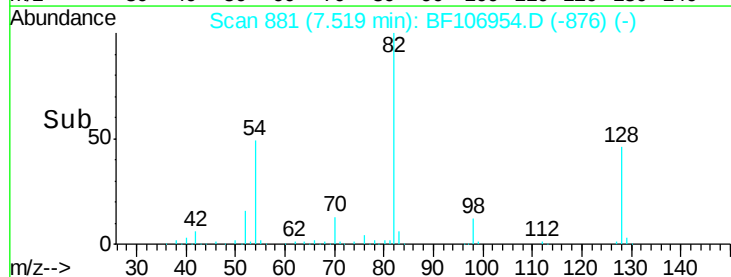
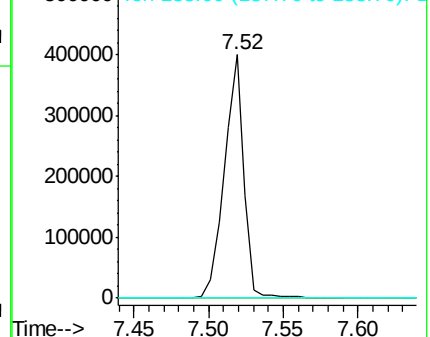
138 0.0 14.9 22.3#

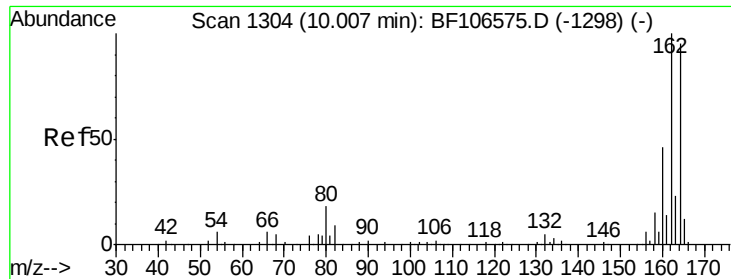


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

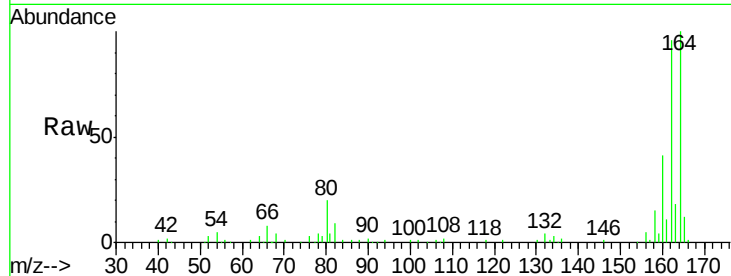




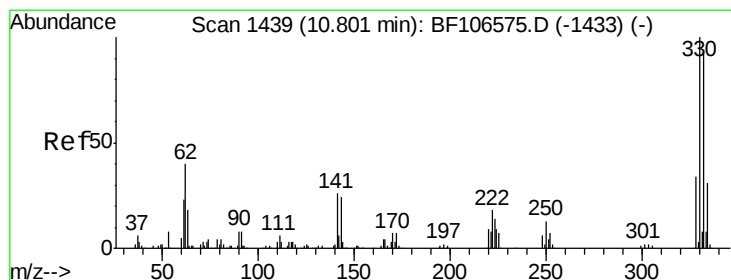
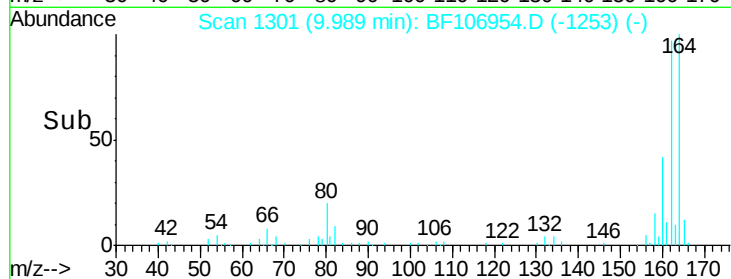
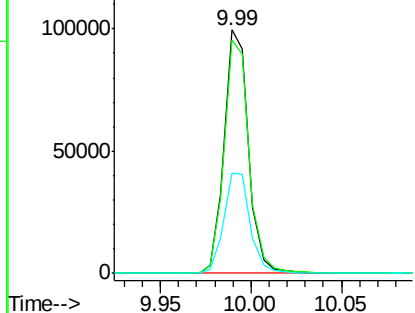
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1301
 Delta R.T. -0.02 min
 Lab File: BF106954.D
 Acq: 29 Jun 2018 6:42

Instrument :
 BNA_F
 ClientSampleId :
 W-25

Tgt Ion:164 Resp: 93086
 Ion Ratio Lower Upper
 164 100
 162 95.9 86.1 129.1
 160 41.4 38.3 57.5

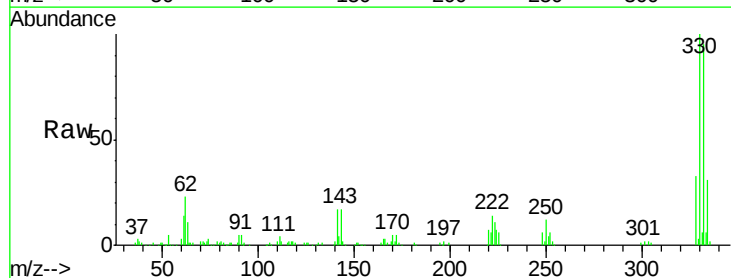


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

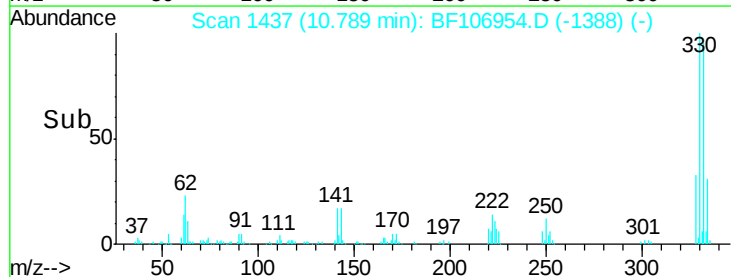
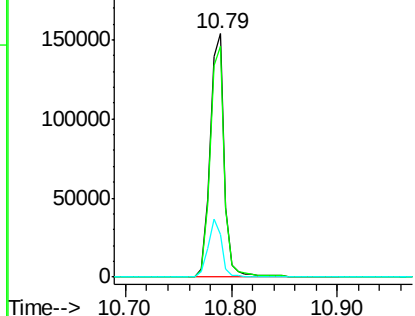


#41
 2,4,6-Tribromophenol
 Concen: 135.057 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF106954.D
 Acq: 29 Jun 2018 6:42

Tgt Ion:330 Resp: 145712
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 22.7 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

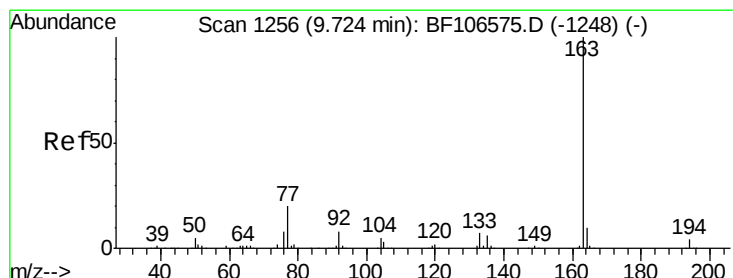
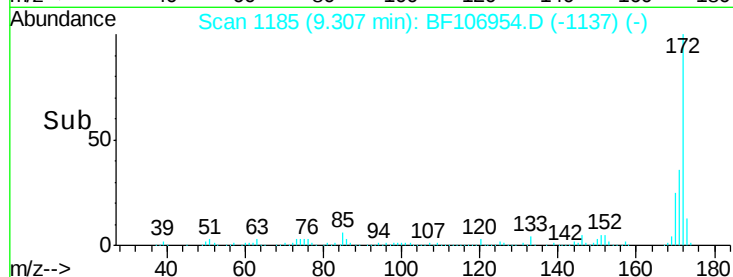
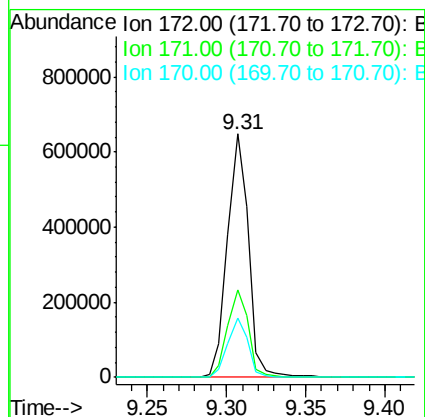
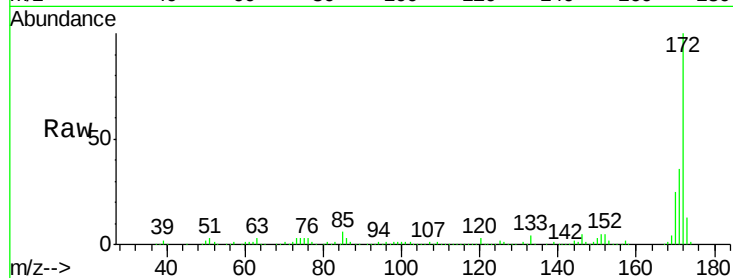




#44
 2-Fluorobiphenyl
 Concen: 114.112 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF106954.D
 Acq: 29 Jun 2018 6:42

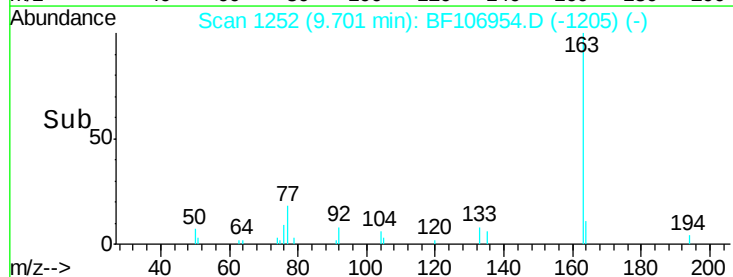
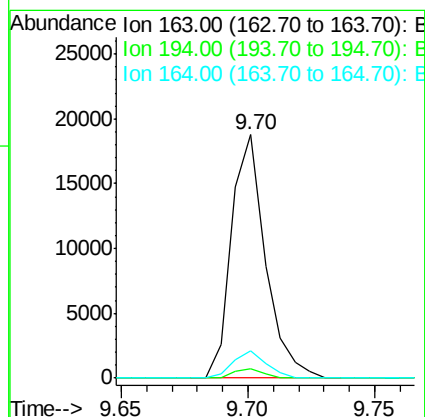
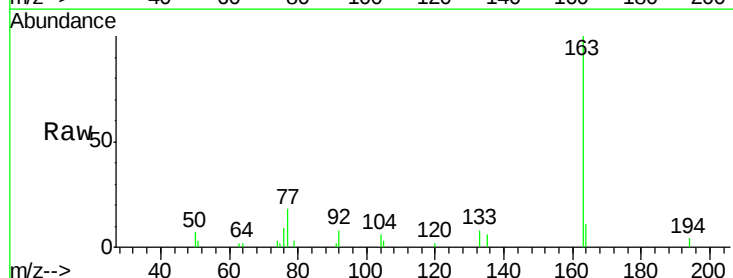
Instrument :
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 ClientSampleId :
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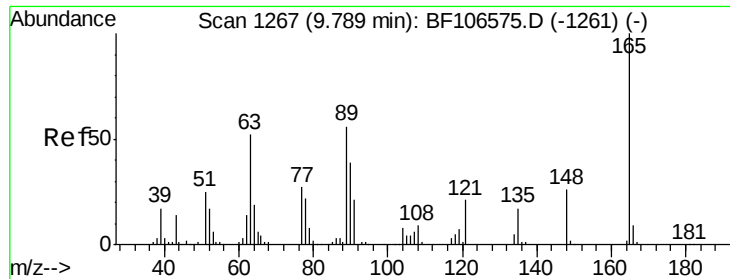
Tgt Ion:172 Resp: 599777
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 24.5 19.6 29.4



#49
 Dimethylphthalate
 Concen: 2.501 ng
 RT: 9.70 min Scan# 1252
 Delta R.T. -0.02 min
 Lab File: BF106954.D
 Acq: 29 Jun 2018 6:42

Tgt Ion:163 Resp: 17461
 Ion Ratio Lower Upper
 163 100
 194 3.8 2.7 4.1
 164 11.1 8.2 12.2

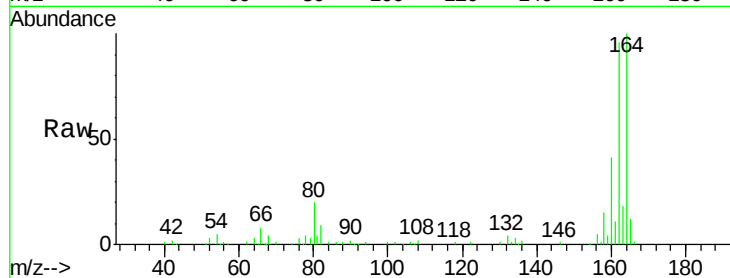




#50
2,6-Dinitrotoluene
Concen: 7.683 ng
RT: 9.99 min Scan# 1301
Delta R.T. 0.19 min
Lab File: BF106954.D
Acq: 29 Jun 2018 6:42

Instrument :
BNA_F
ClientSampleId :
W-25

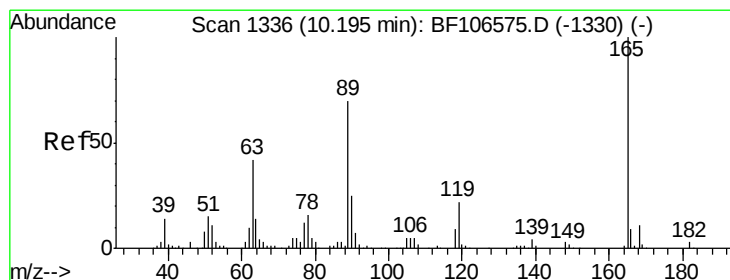
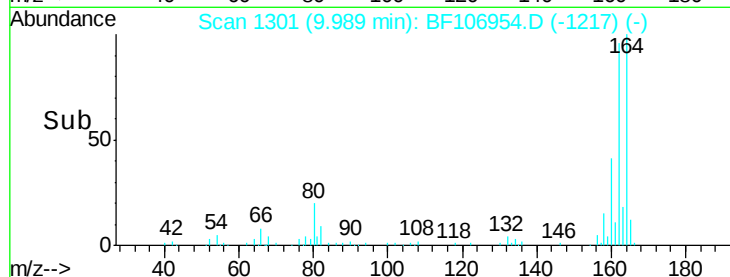
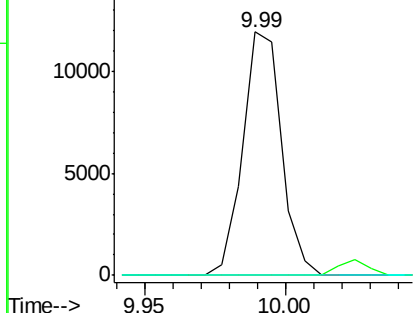
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



Abundance Ion 165.00 (164.70 to 165.70): E

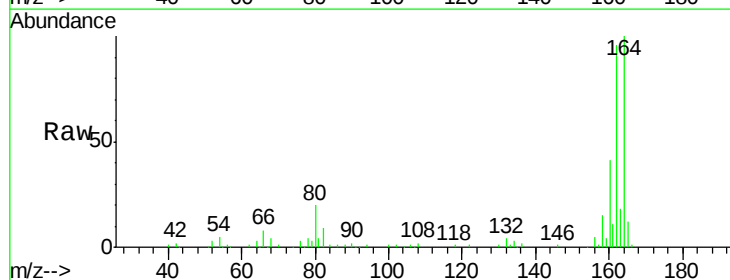
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#56
2,4-Dinitrotoluene
Concen: 5.886 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.21 min
Lab File: BF106954.D
Acq: 29 Jun 2018 6:42

Tgt 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#

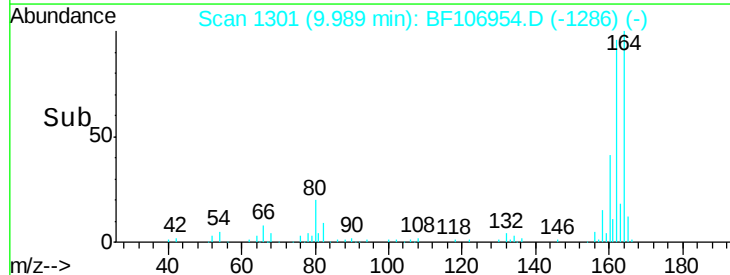
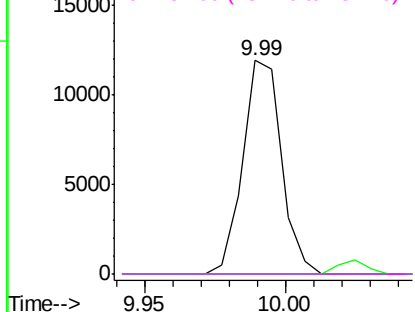


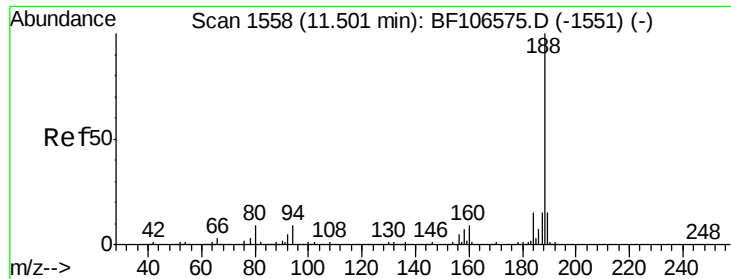
Abundance Ion 165.00 (164.70 to 165.70): E

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

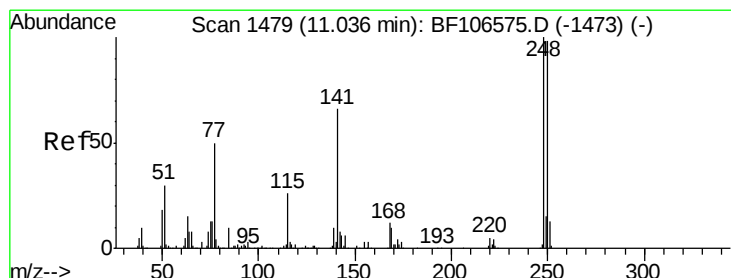
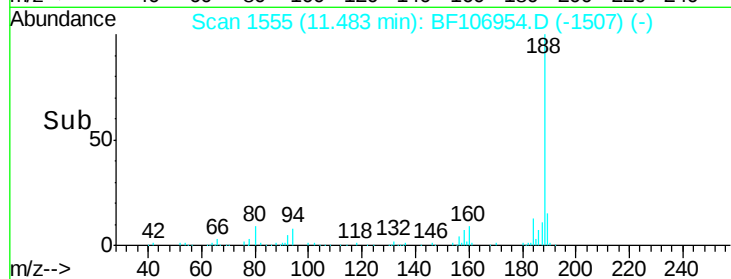
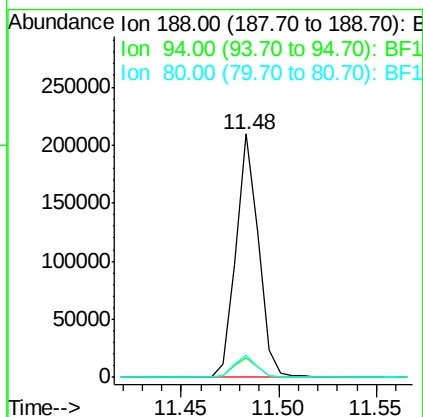
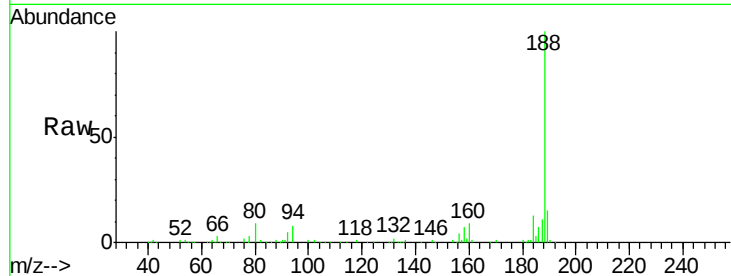




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF106954.D
Acq: 29 Jun 2018 6:42

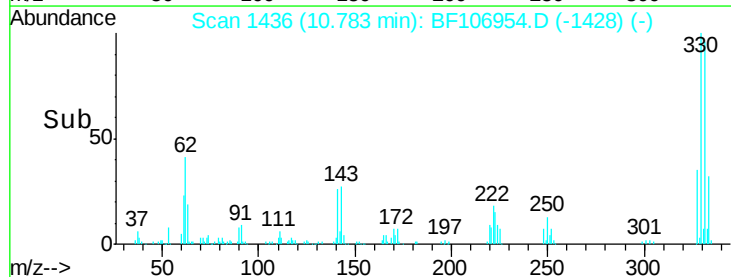
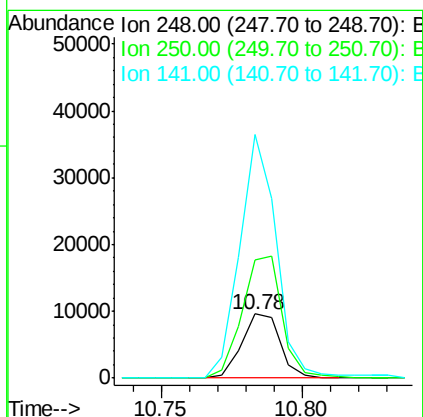
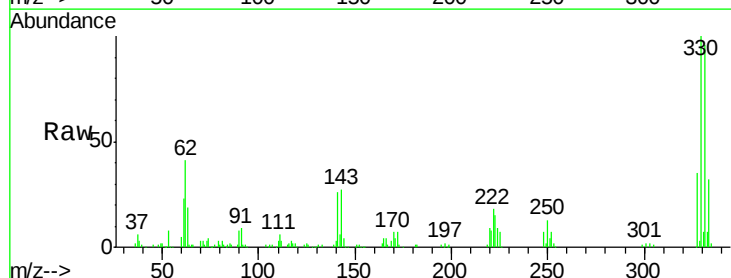
Instrument :
BNA_F
ClientSampled :
W-25

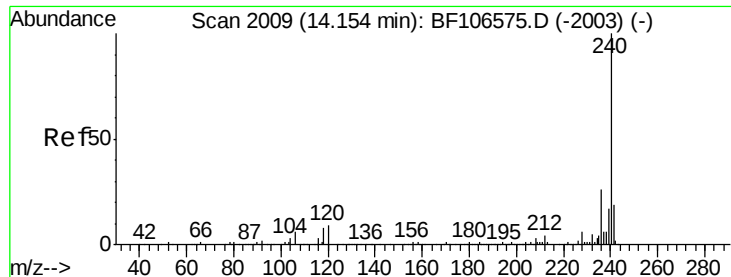
Tgt Ion:188 Resp: 168406
Ion Ratio Lower Upper
188 100
94 7.9 8.5 12.7#
80 9.0 9.2 13.8#



#66
4-Bromophenyl-phenylether
Concen: 4.481 ng
RT: 10.78 min Scan# 1436
Delta R.T. -0.25 min
Lab File: BF106954.D
Acq: 29 Jun 2018 6:42

Tgt Ion:248 Resp: 9007
Ion Ratio Lower Upper
248 100
250 184.1 76.9 115.3#
141 381.4 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2006

Delta R.T. -0.03 min

Lab File: BF106954.D

Acq: 29 Jun 2018 6:42

Instrument :

BNA_F

ClientSampleId :

W-25

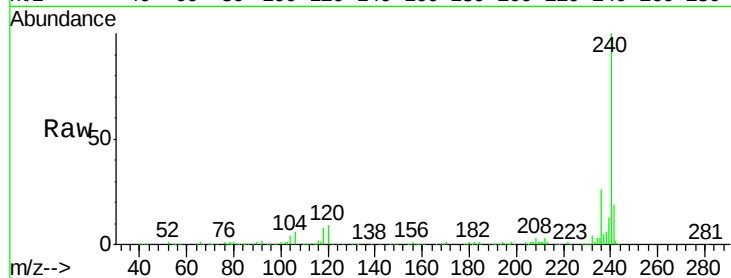
Tgt Ion:240 Resp: 225610

Ion Ratio Lower Upper

240 100

120 8.7 9.5 14.3#

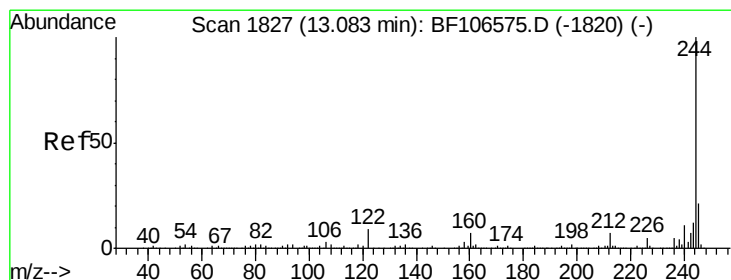
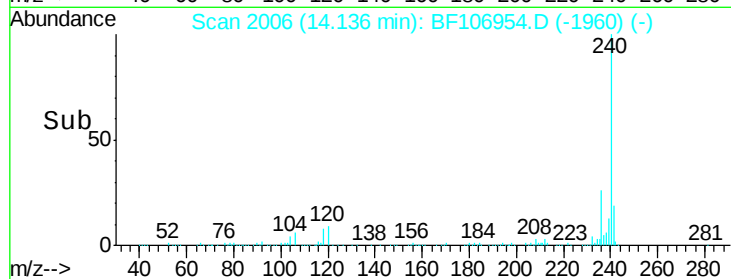
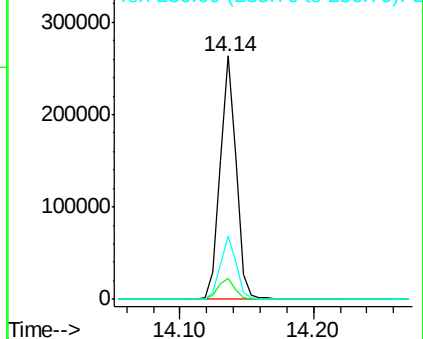
236 26.0 20.7 31.1



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: 80.503 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF106954.D

Acq: 29 Jun 2018 6:42

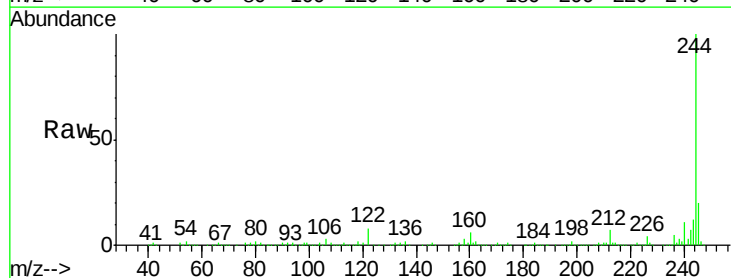
Tgt Ion:244 Resp: 749795

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

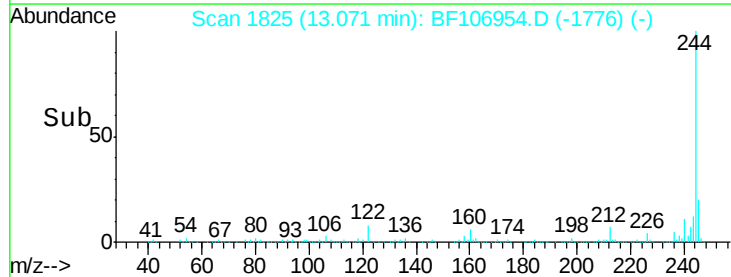
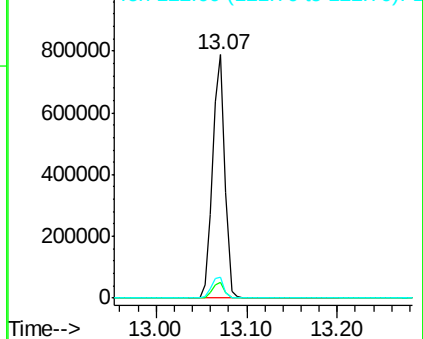
122 8.4 11.0 16.4#

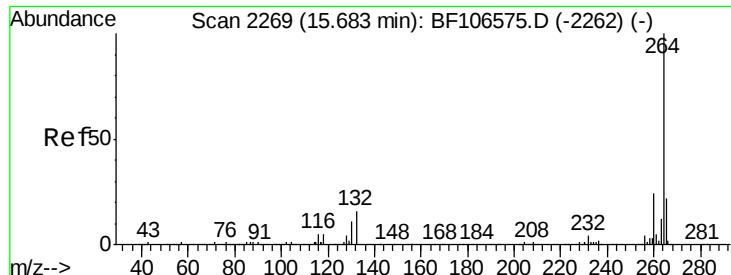


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

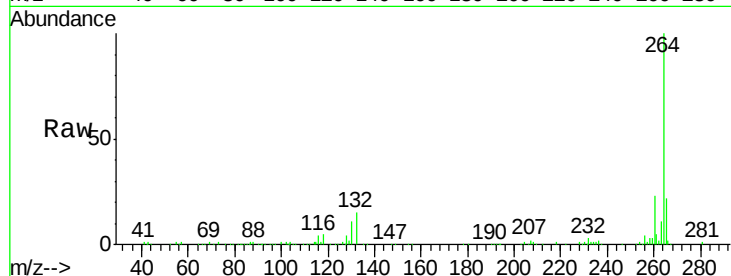




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2267
Delta R.T. -0.05 min
Lab File: BF106954.D
Acq: 29 Jun 2018 6:42

Instrument :
BNA_F
ClientSampleId :
W-25

Tgt Ion:	264	Resp:	186875
Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	22.0	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

