

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062218\
 Data File : BF106757.D
 Acq On : 23 Jun 2018 13:28
 Operator : JU/SJ
 Sample : J3596-02
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-22

Quant Time: Jun 25 01:20:10 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

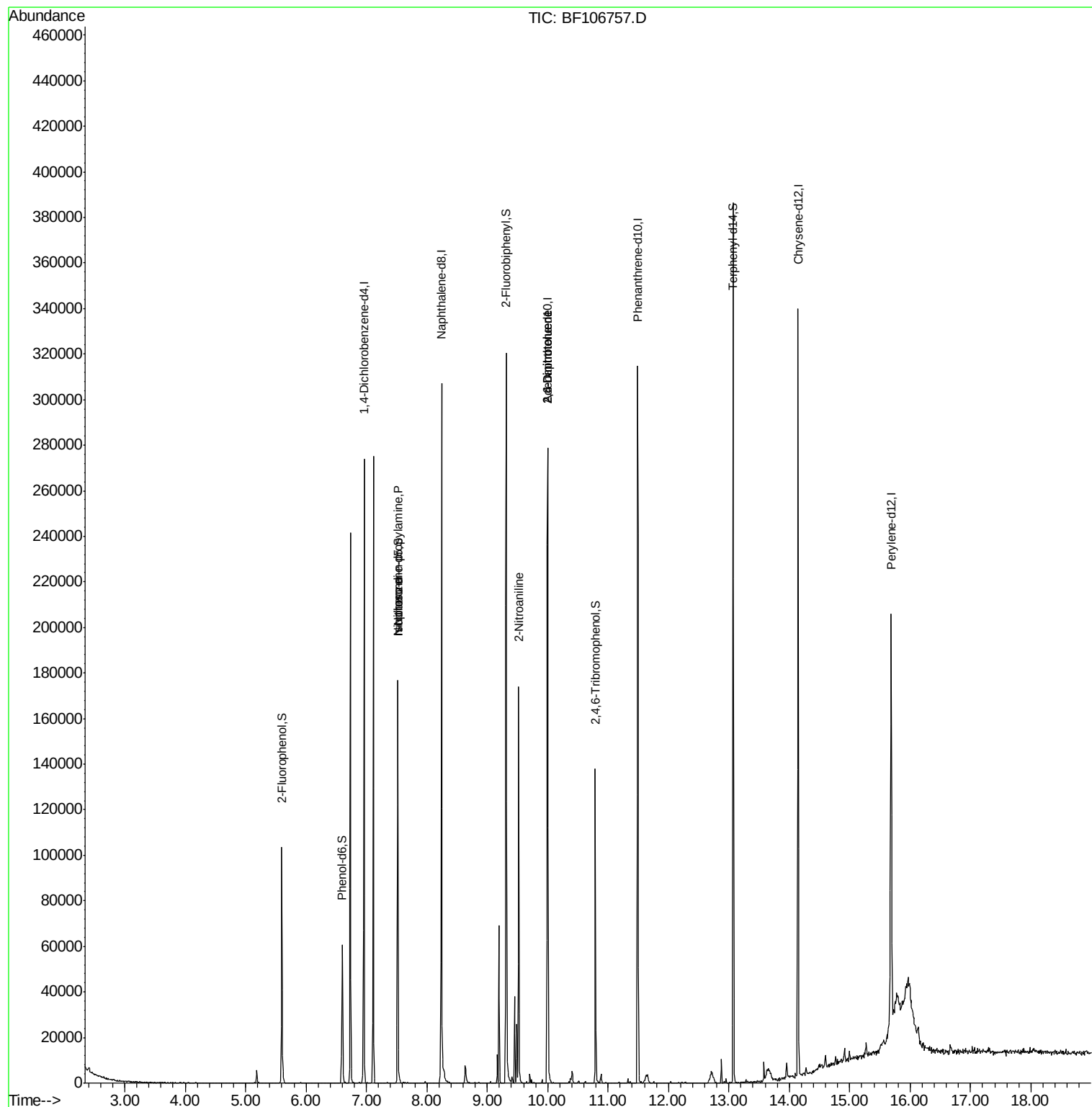
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	41846	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	147451	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	62489	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	119710	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	135334	20.00	ng	0.00
86) Perylene-d12	15.68	264	97208	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	32324	13.08	ng	0.00
7) Phenol-d6	6.60	99	23250	7.53	ng	0.00
23) Nitrobenzene-d5	7.52	82	55217	20.81	ng	-0.01
41) 2,4,6-Tribromophenol	10.79	330	18948	26.16	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	107017	17.23	ng	-0.01
78) Terphenyl-d14	13.07	244	129732	23.22	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	6753	3.320	ng	# 71
25) Isophorone	7.52	82	55216	11.810	ng	# 64
47) 2-Nitroaniline	9.52	65	3248	2.464	ng	# 26
50) 2,6-Dinitrotoluene	10.00	165	7718	7.777	ng	# 24
56) 2,4-Dinitrotoluene	10.00	165	7718	5.958	ng	# 21

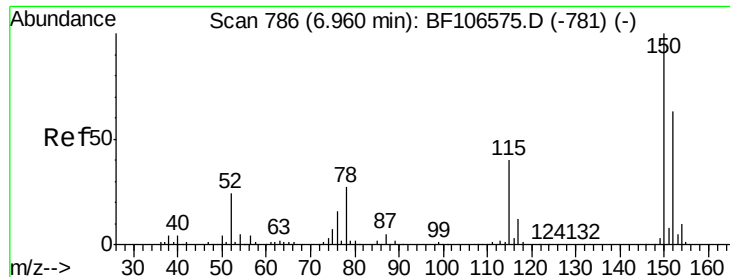
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062218\
Data File : BF106757.D
Acq On : 23 Jun 2018 13:28
Operator : JU/SJ
Sample : J3596-02
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-22

Quant Time: Jun 25 01:20:10 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

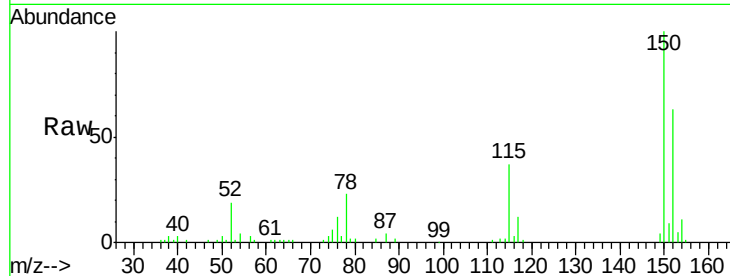




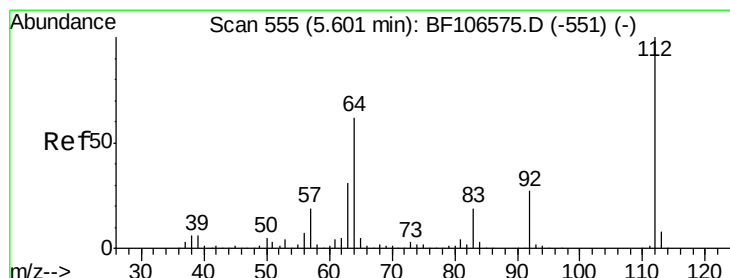
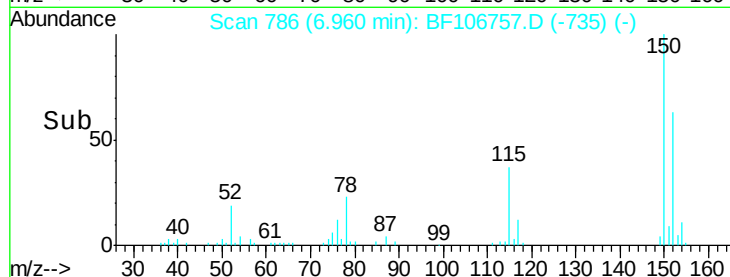
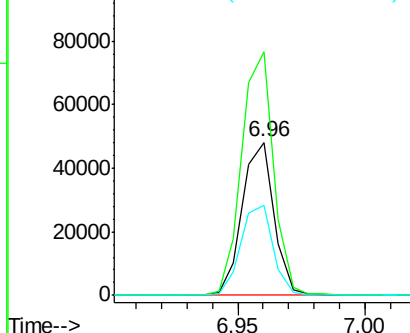
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 786
 Delta R.T. -0.00 min
 Lab File: BF106757.D
 Acq: 23 Jun 2018 13:28

Instrument :
 BNA_F
 ClientSampleId :
 MW-22

Tgt Ion:152 Resp: 41846
 Ion Ratio Lower Upper
 152 100
 150 159.4 124.6 186.8
 115 58.9 50.1 75.1

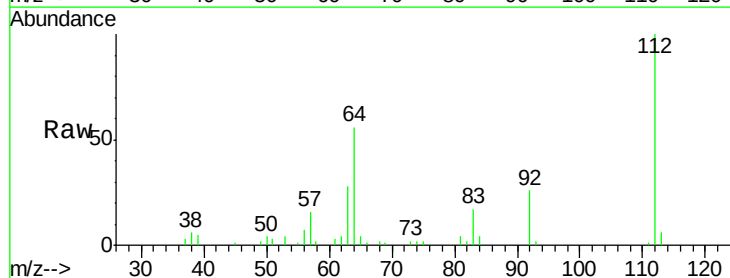


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

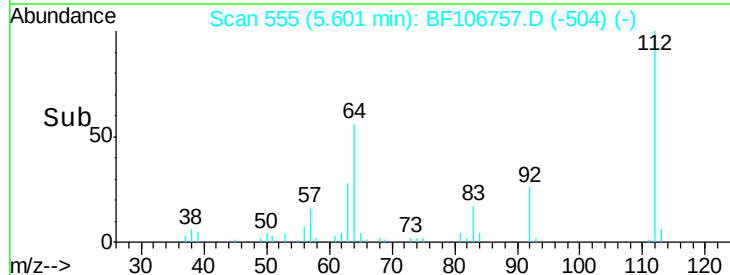
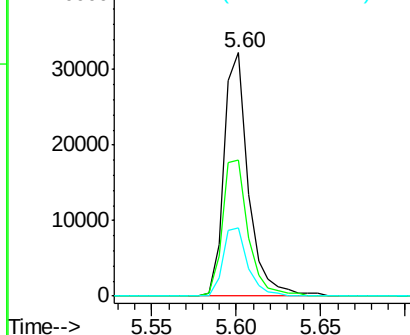


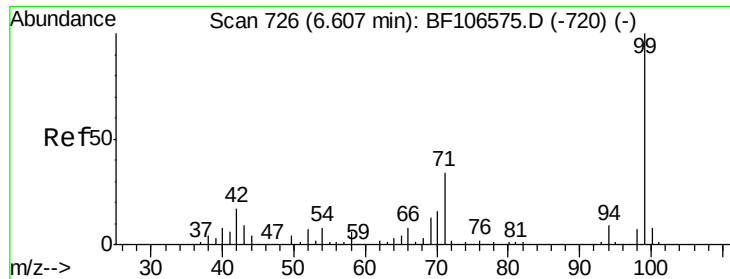
#5
 2-Fluorophenol
 Concen: 13.080 ng
 RT: 5.60 min Scan# 555
 Delta R.T. -0.00 min
 Lab File: BF106757.D
 Acq: 23 Jun 2018 13:28

Tgt Ion:112 Resp: 32324
 Ion Ratio Lower Upper
 112 100
 64 55.7 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: 7.534 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106757.D

Acq: 23 Jun 2018 13:28

Instrument :

BNA_F

ClientSampleId :

MW-22

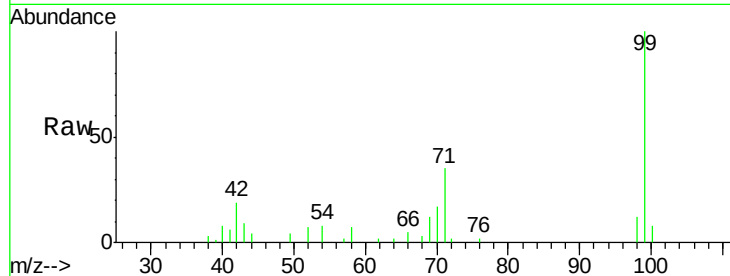
Tgt Ion: 99 Resp: 23250

Ion Ratio Lower Upper

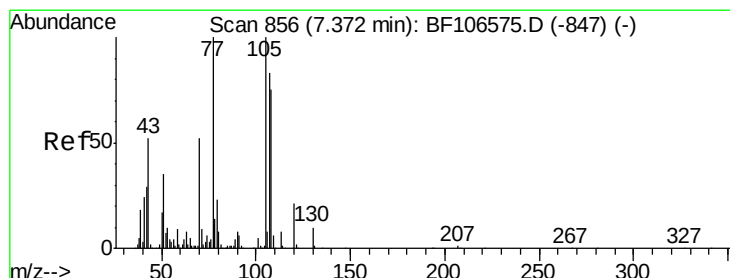
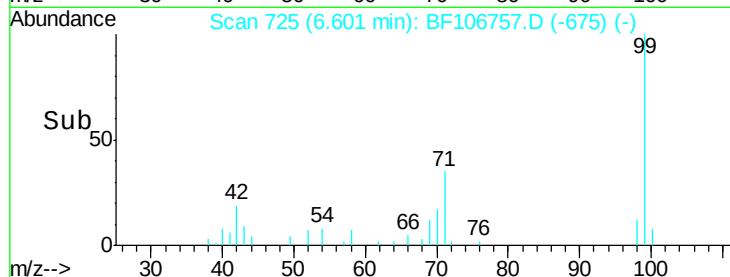
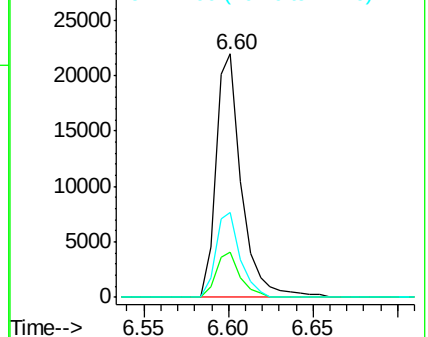
99 100

42 18.5 14.5 21.7

71 35.0 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



#19

n-Nitroso-di-n-propylamine

Concen: 3.320 ng

RT: 7.52 min Scan# 881

Delta R.T. 0.15 min

Lab File: BF106757.D

Acq: 23 Jun 2018 13:28

Tgt Ion: 70 Resp: 6753

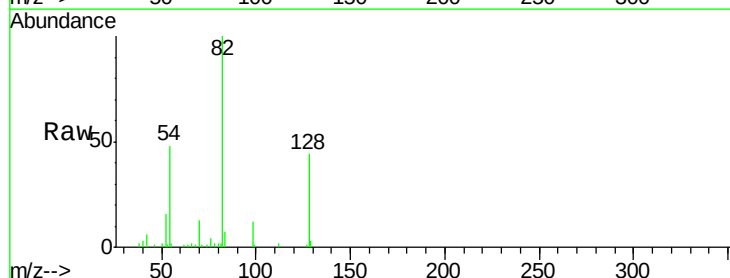
Ion Ratio Lower Upper

70 100

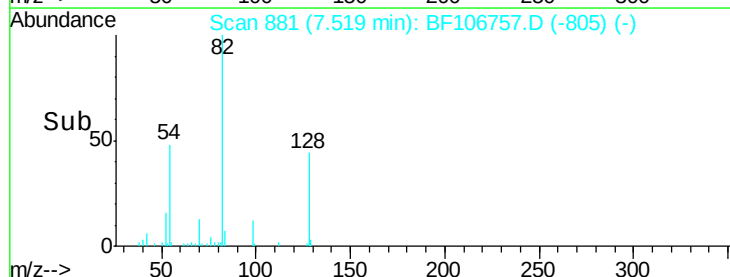
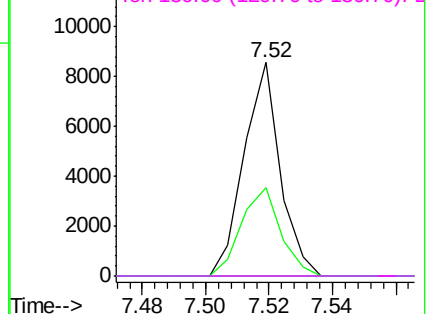
42 41.1 47.5 71.3#

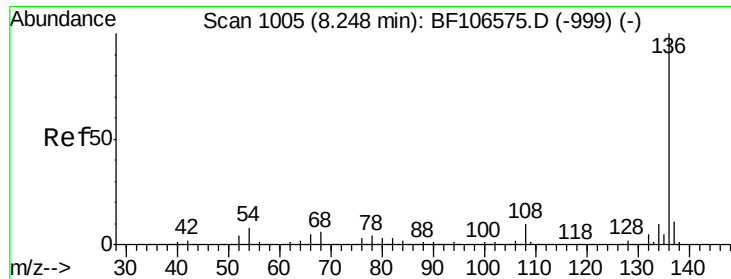
101 0.0 7.4 11.2#

130 0.0 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

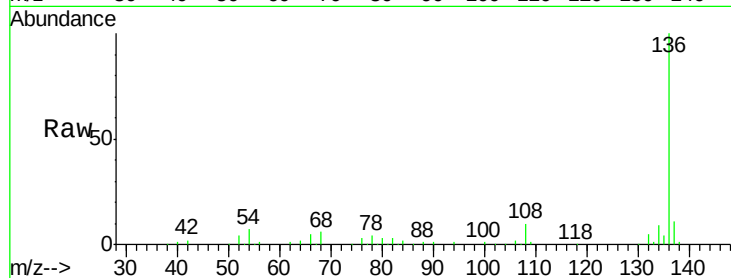




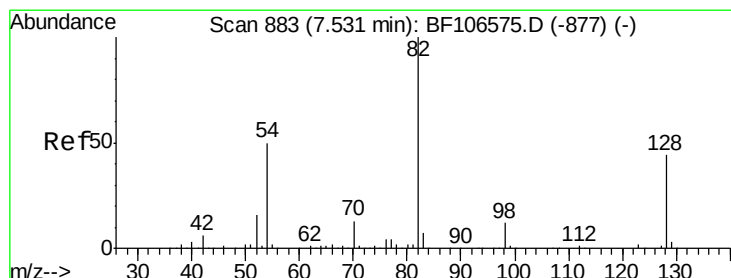
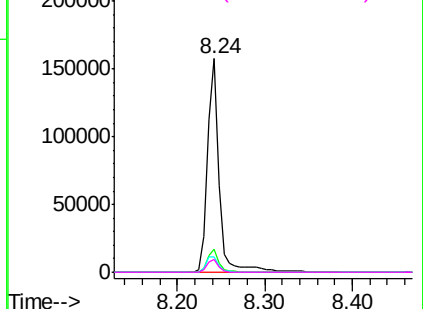
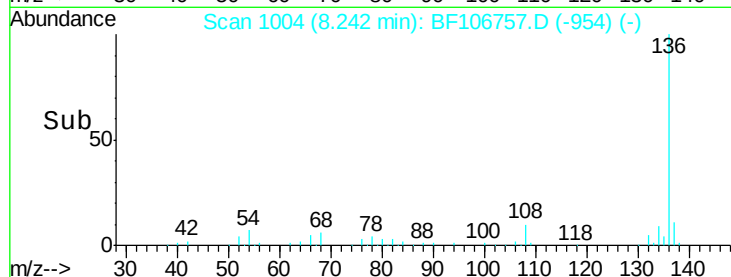
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106757.D
Acq: 23 Jun 2018 13:28

Instrument :
BNA_F
ClientSampleId :
MW-22

Tgt Ion:	136	Resp:	147451
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.3	6.6	9.8
68	6.2	5.0	7.4

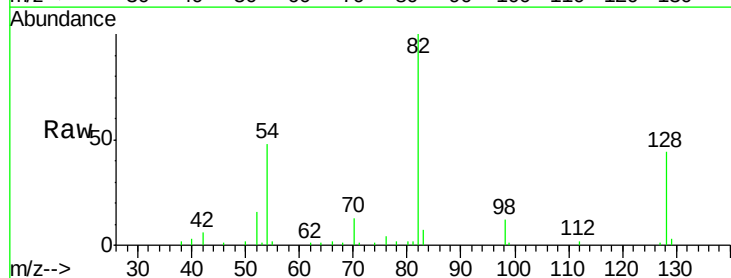


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

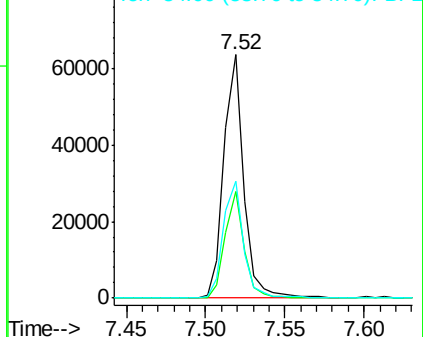
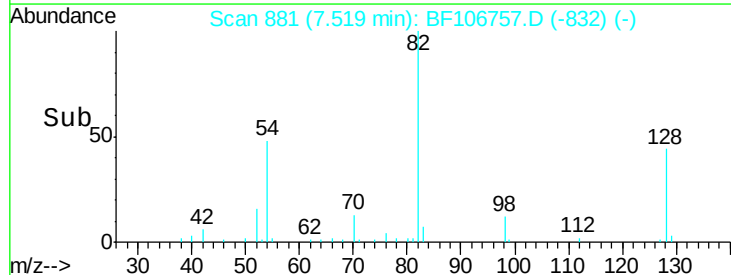


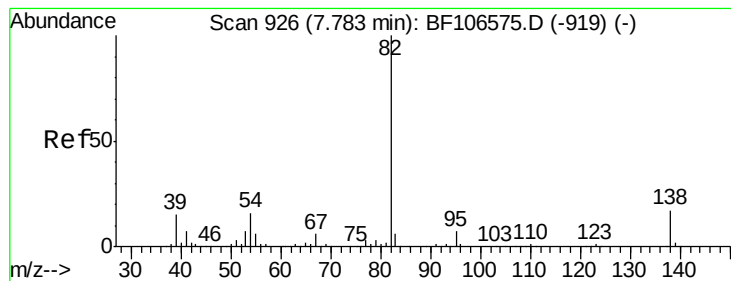
#23
Nitrobenzene-d5
Concen: 20.811 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF106757.D
Acq: 23 Jun 2018 13:28

Tgt Ion:	82	Resp:	55217
Ion	Ratio	Lower	Upper
82	100		
128	43.6	36.1	54.1
54	47.8	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: 11.810 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.26 min

Lab File: BF106757.D

Acq: 23 Jun 2018 13:28

Instrument :

BNA_F

ClientSampleId :

MW-22

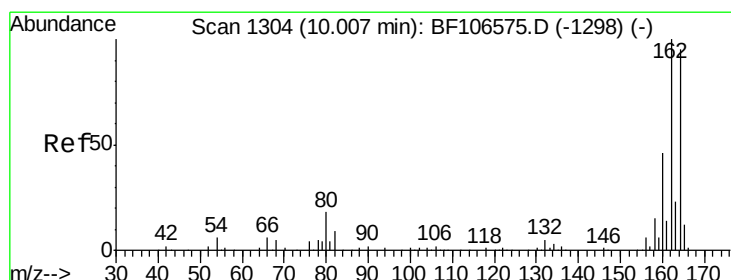
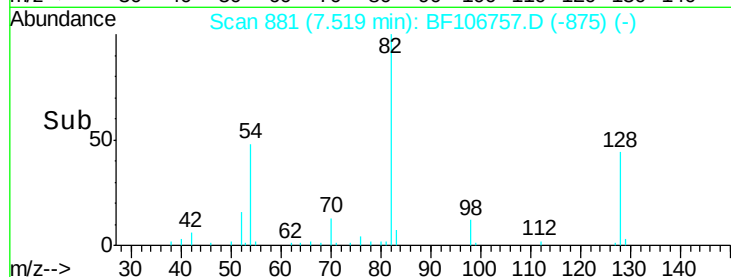
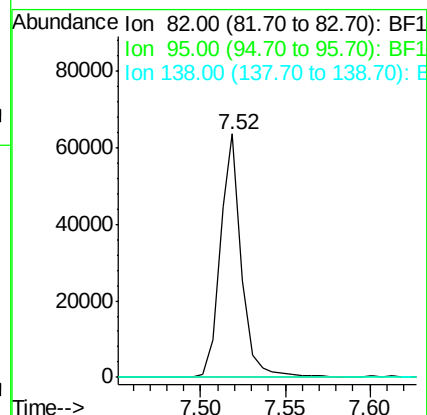
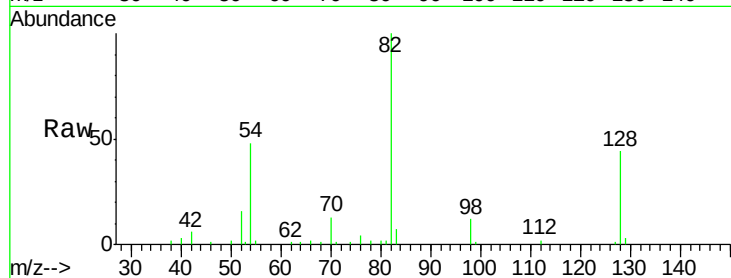
Tgt Ion: 82 Resp: 55216

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# 1303

Delta R.T. -0.01 min

Lab File: BF106757.D

Acq: 23 Jun 2018 13:28

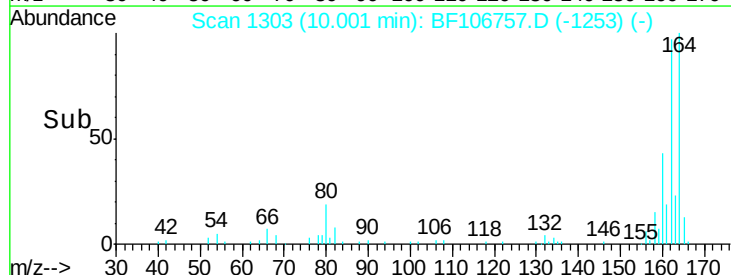
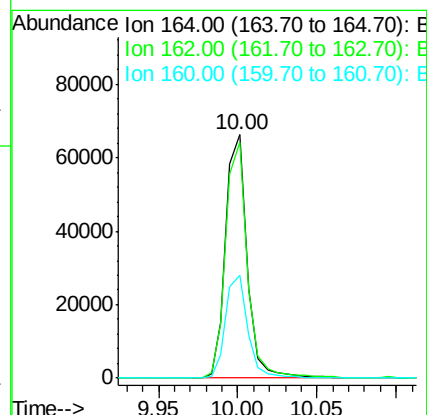
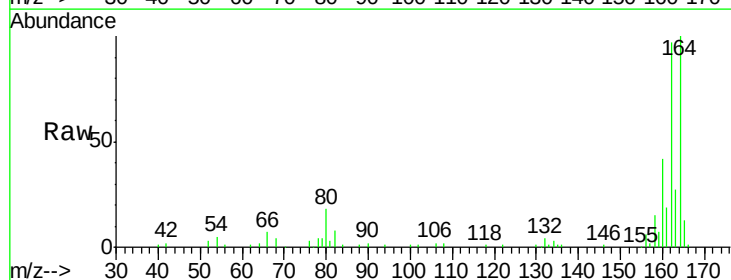
Tgt Ion: 164 Resp: 62489

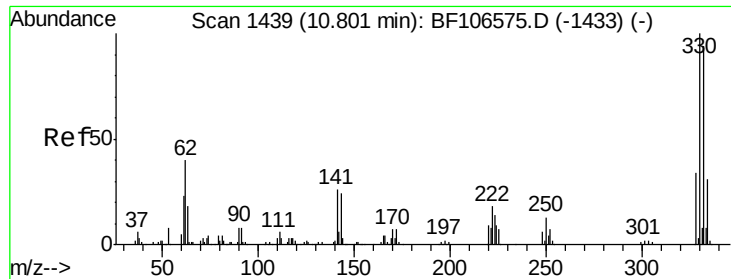
Ion Ratio Lower Upper

164 100

162 96.9 86.1 129.1

160 42.3 38.3 57.5

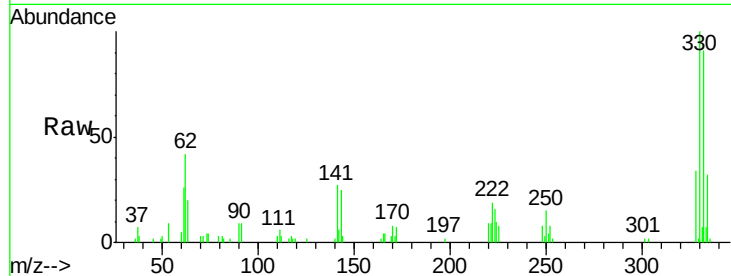




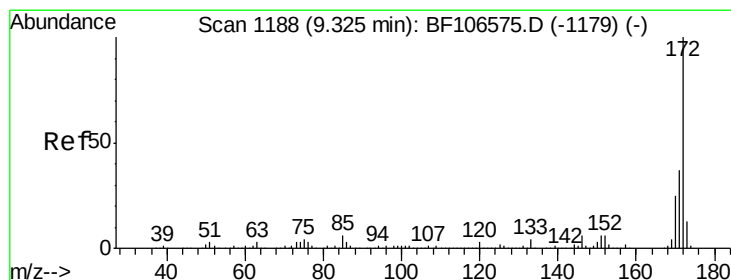
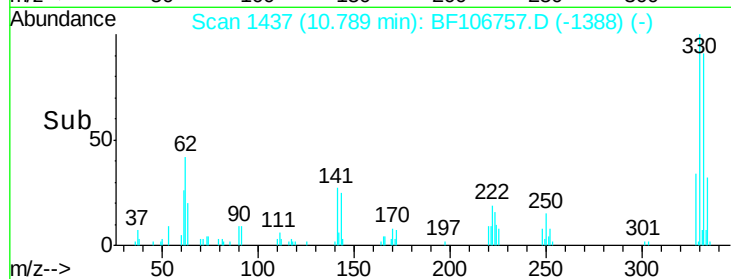
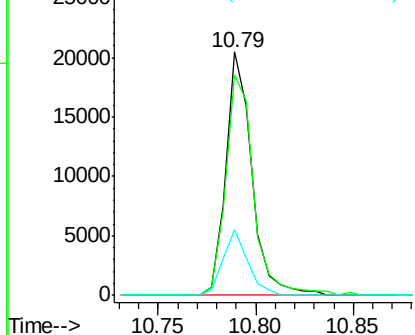
#41
 2,4,6-Tribromophenol
 Concen: 26.162 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF106757.D
 Acq: 23 Jun 2018 13:28

Instrument :
 BNA_F
 ClientSampleId :
 MW-22

Tgt Ion:330 Resp: 18948
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.0 115.6
 141 25.3 29.9 44.9#

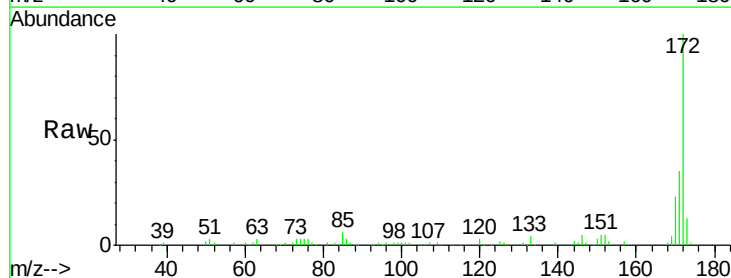


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

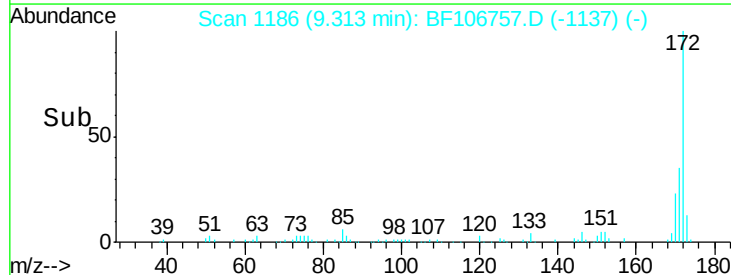
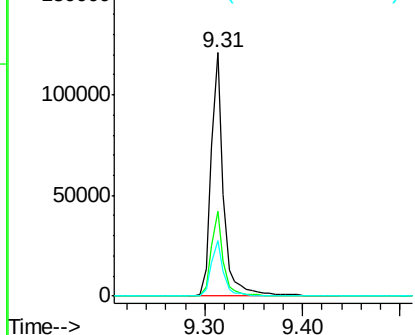


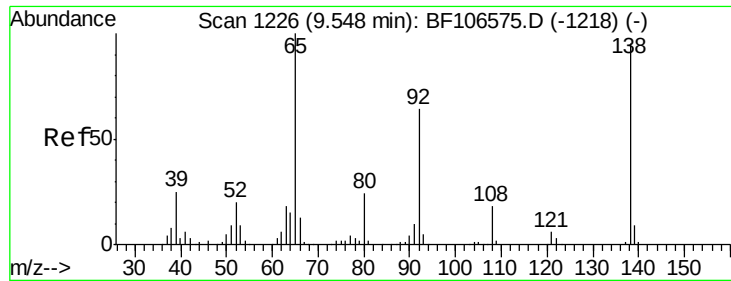
#44
 2-Fluorobiphenyl
 Concen: 17.226 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106757.D
 Acq: 23 Jun 2018 13:28

Tgt Ion:172 Resp: 107017
 Ion Ratio Lower Upper
 172 100
 171 34.8 29.7 44.5
 170 22.7 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

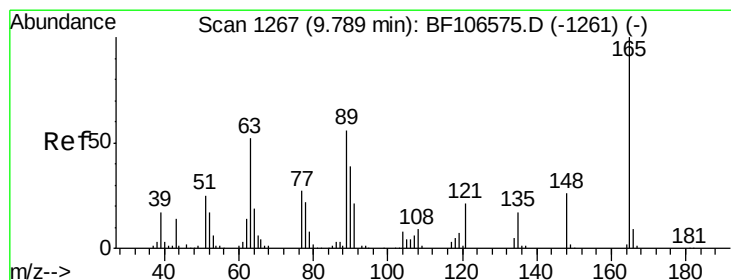
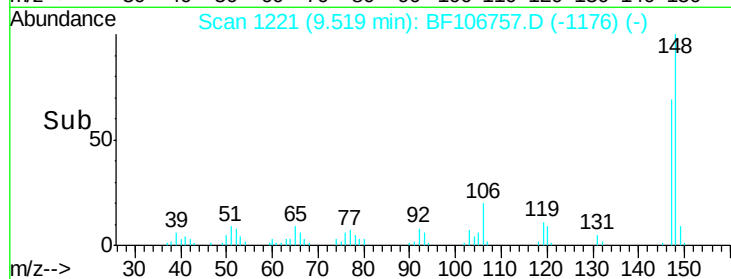
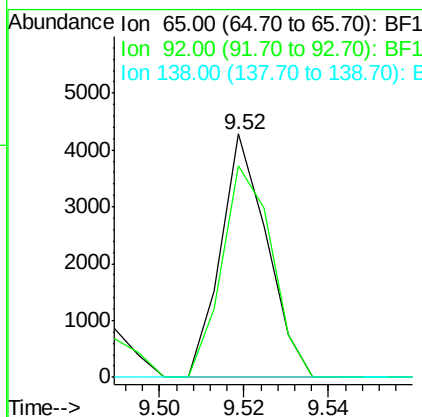
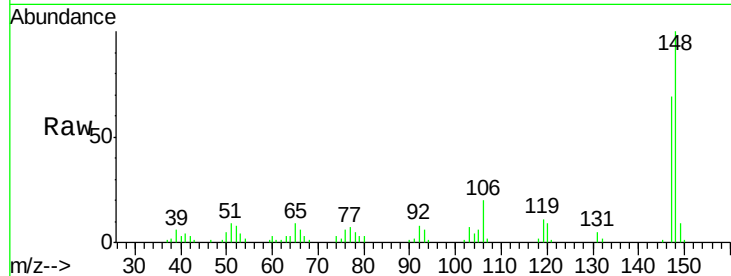




#47
 2-Nitroaniline
 Concen: 2.464 ng
 RT: 9.52 min Scan# 1221
 Delta R.T. -0.04 min
 Lab File: BF106757.D
 Acq: 23 Jun 2018 13:28

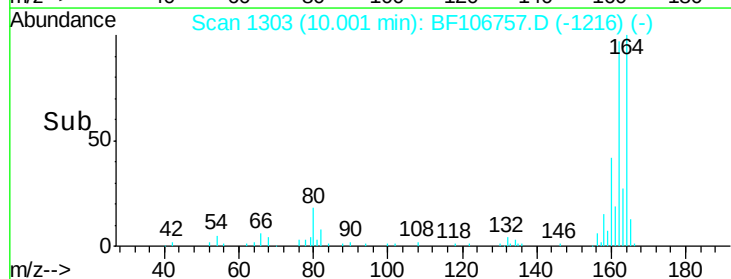
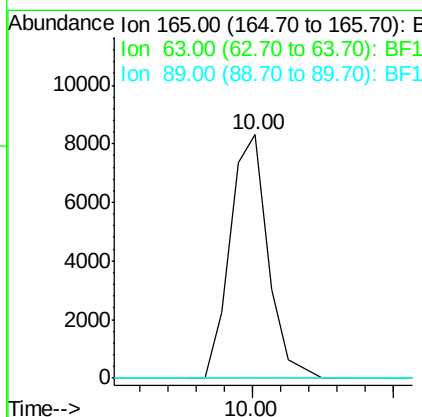
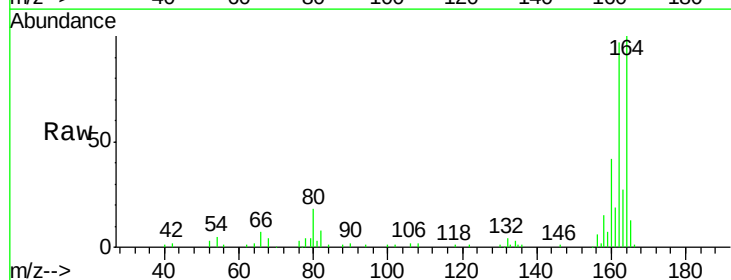
Instrument :
 BNA_F
 ClientSampleId :
 MW-22

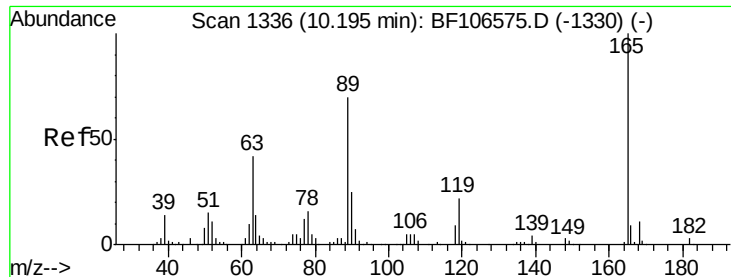
Tgt Ion: 65 Resp: 3248
 Ion Ratio Lower Upper
 65 100
 92 87.0 55.8 83.6#
 138 0.0 91.2 136.8#



#50
 2,6-Dinitrotoluene
 Concen: 7.777 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. 0.21 min
 Lab File: BF106757.D
 Acq: 23 Jun 2018 13:28

Tgt Ion: 165 Resp: 7718
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#

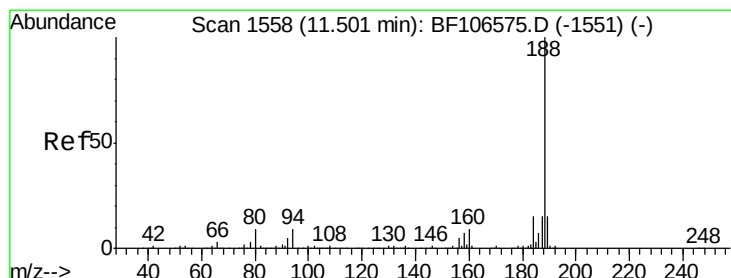
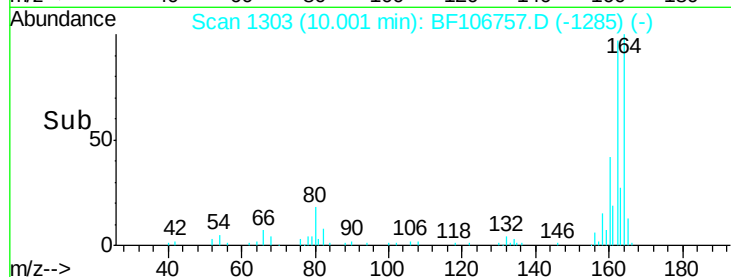
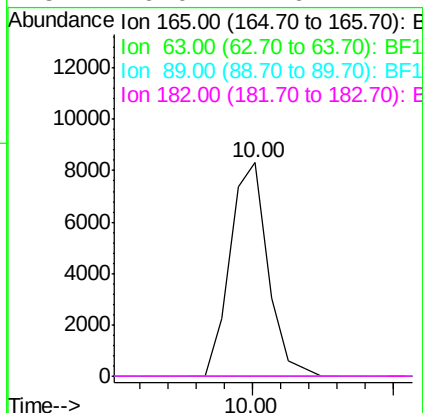
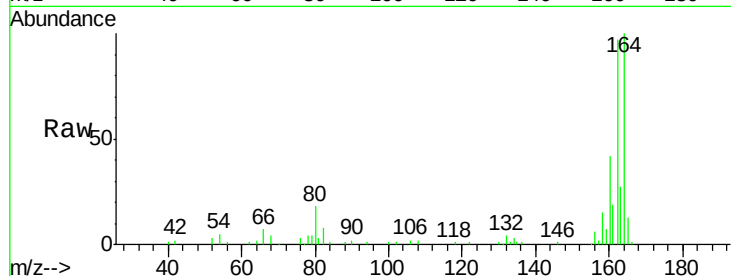




#56
2,4-Dinitrotoluene
Concen: 5.958 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.19 min
Lab File: BF106757.D
Acq: 23 Jun 2018 13:28

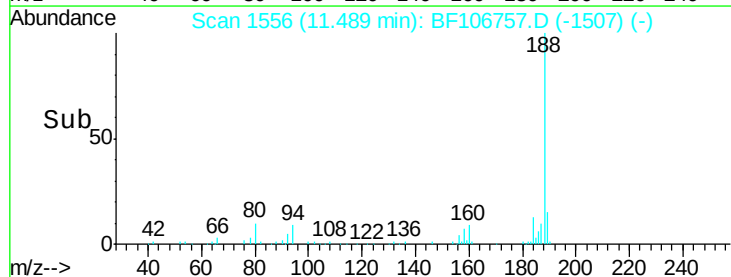
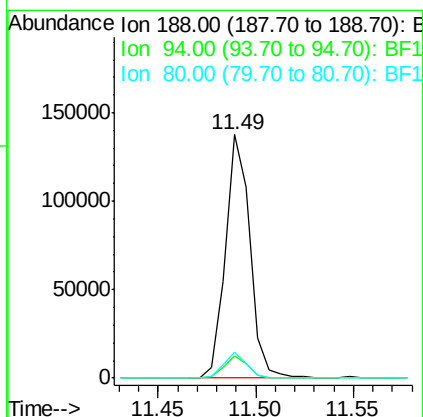
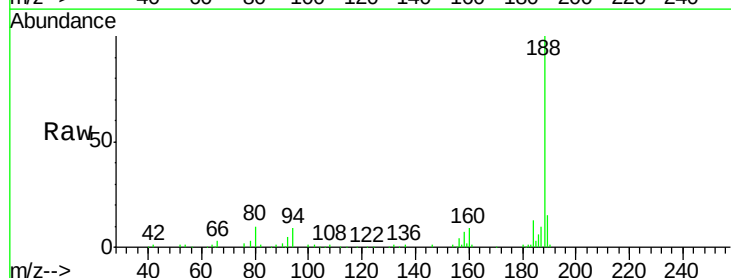
Instrument :
BNA_F
ClientSampleId :
MW-22

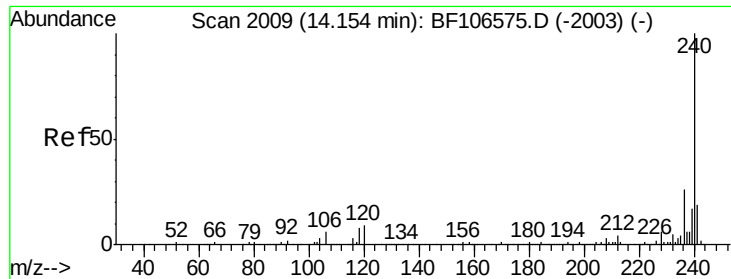
Tgt Ion:	165	Resp:	7718
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF106757.D
Acq: 23 Jun 2018 13:28

Tgt Ion:	188	Resp:	119710
Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.5	12.7
80	10.4	9.2	13.8

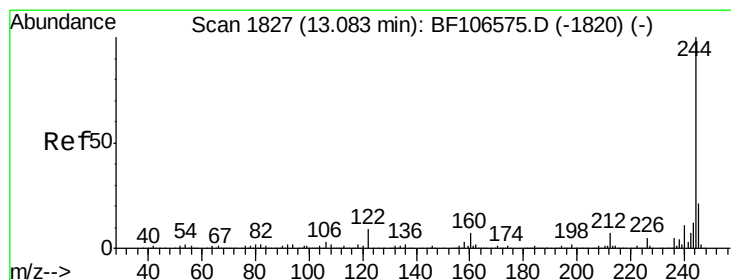
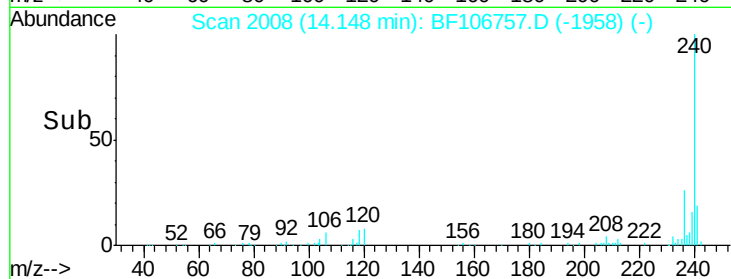
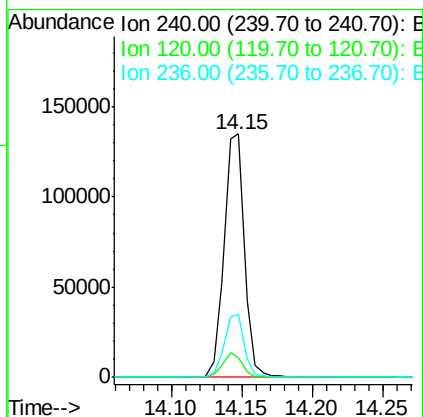
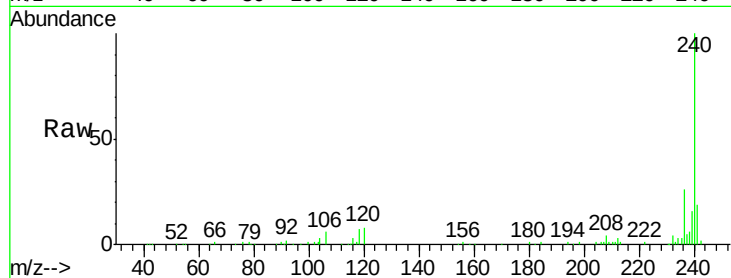




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BF106757.D
 Acq: 23 Jun 2018 13:28

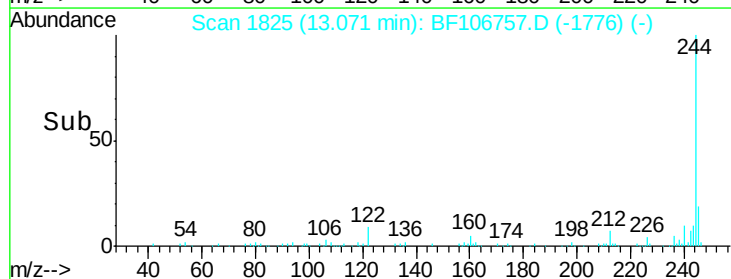
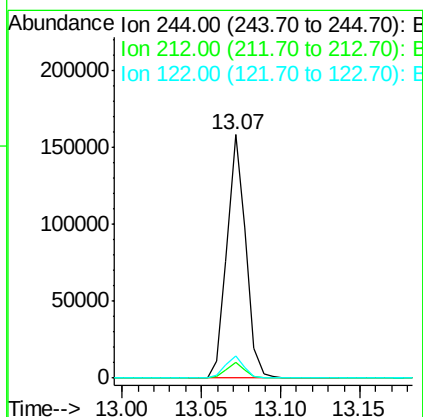
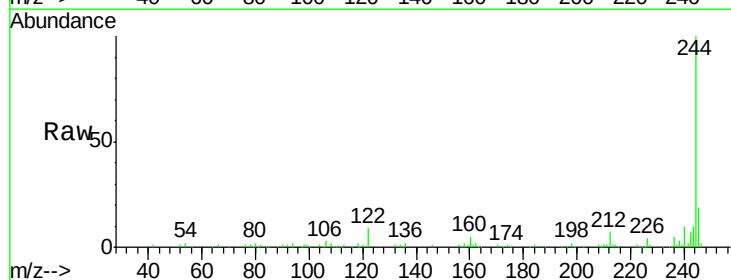
Instrument :
 BNA_F
 ClientSampleId :
 MW-22

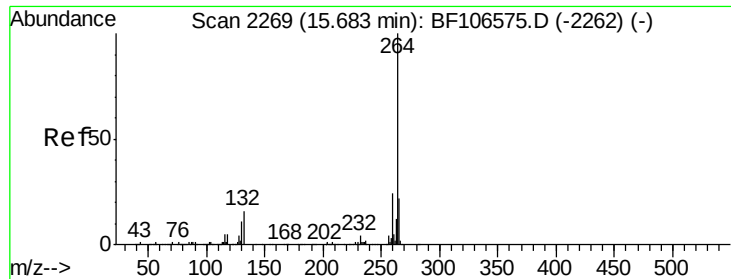
Tgt Ion:240 Resp: 135334
 Ion Ratio Lower Upper
 240 100
 120 8.2 9.5 14.3#
 236 25.7 20.7 31.1



#78
 Terphenyl-d14
 Concen: 23.220 ng
 RT: 13.07 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF106757.D
 Acq: 23 Jun 2018 13:28

Tgt Ion:244 Resp: 129732
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 9.4 11.0 16.4#

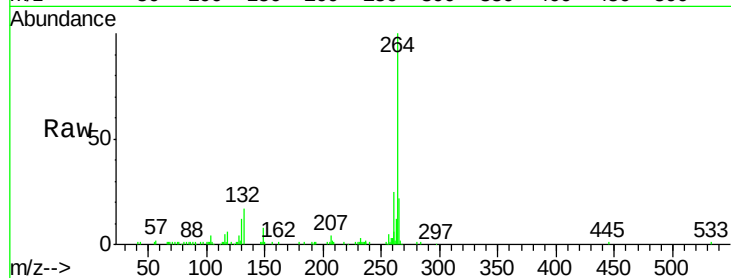




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF106757.D
Acq: 23 Jun 2018 13:28

Instrument :
BNA_F
ClientSampleId :
MW-22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.1	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

