

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062918\
 Data File : BF106998.D
 Acq On : 30 Jun 2018 2:51
 Operator : JU/SJ
 Sample : J3718-06
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-16

Quant Time: Jun 30 04:27:02 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

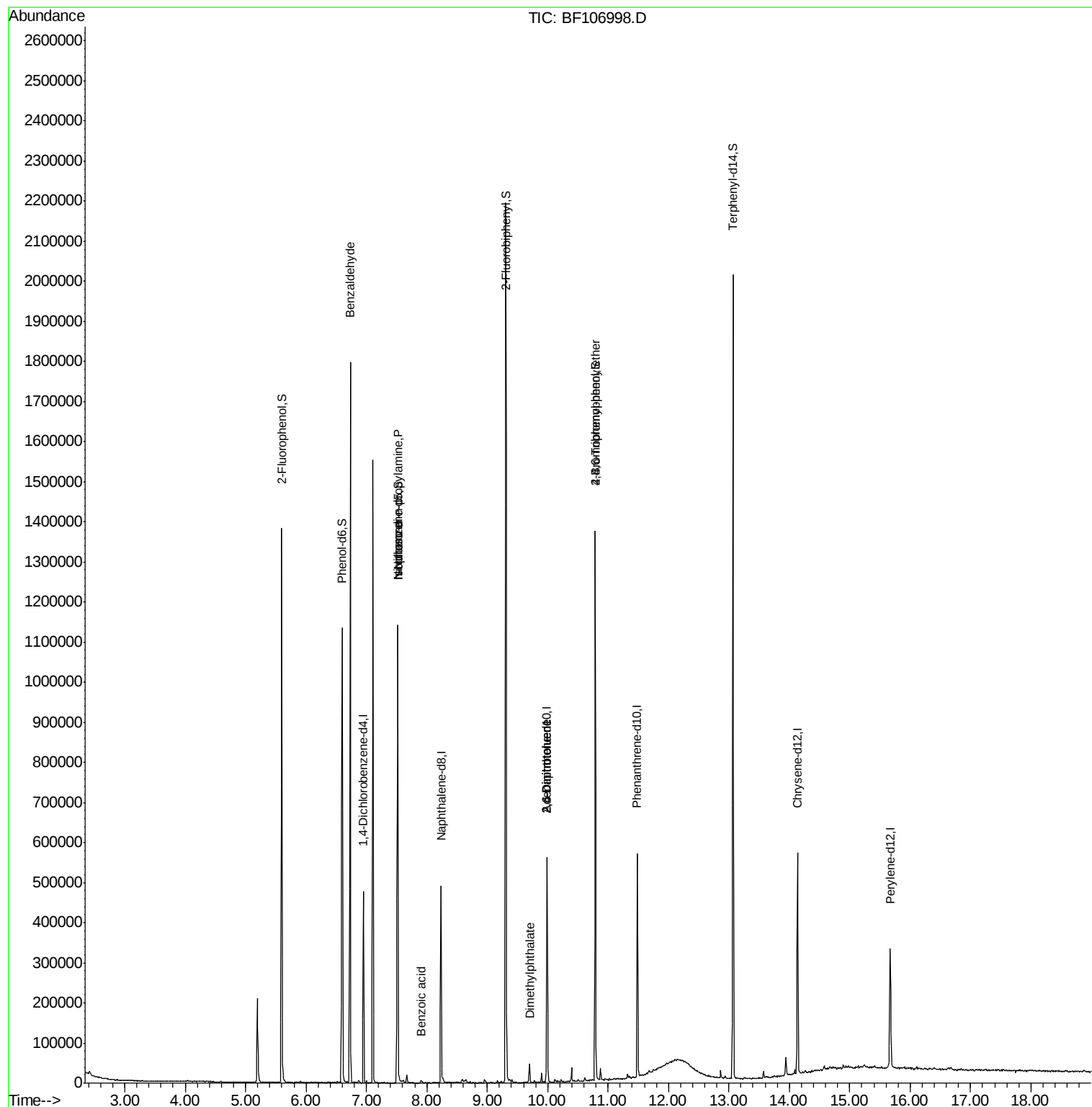
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	69582	20.00	ng	-0.01
21) Naphthalene-d8	8.24	136	261254	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	126607	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	218717	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	199542	20.00	ng	-0.03
86) Perylene-d12	15.67	264	161405	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	421348	102.54	ng	0.00
7) Phenol-d6	6.60	99	436122	84.99	ng	-0.02
23) Nitrobenzene-d5	7.52	82	415564	88.40	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	203721	138.83	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	768288	106.43	ng	-0.02
78) Terphenyl-d14	13.07	244	746069	90.57	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.73	77	10626	2.457	ng	Qvalue 86
19) n-Nitroso-di-n-propylamine	7.52	70	54868	16.221	ng	# 72
25) Isophorone	7.52	82	415560	50.165	ng	# 64
32) Benzoic acid	7.90	122	2158	6.477	ng	# 12
49) Dimethylphthalate	9.70	163	20365	2.145	ng	97
50) 2,6-Dinitrotoluene	9.99	165	16052	7.983	ng	# 24
56) 2,4-Dinitrotoluene	9.99	165	16052	6.116	ng	# 21
66) 4-Bromophenyl-phenylether	10.79	248	12500	4.789	ng	# 1

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

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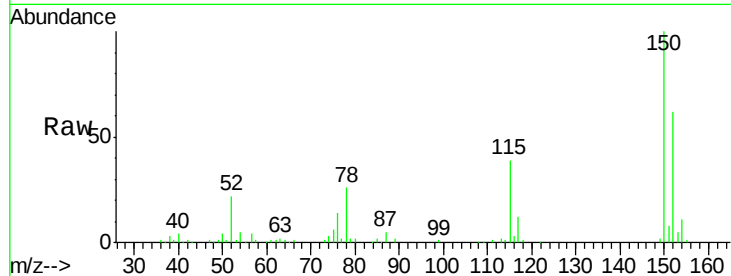


#1

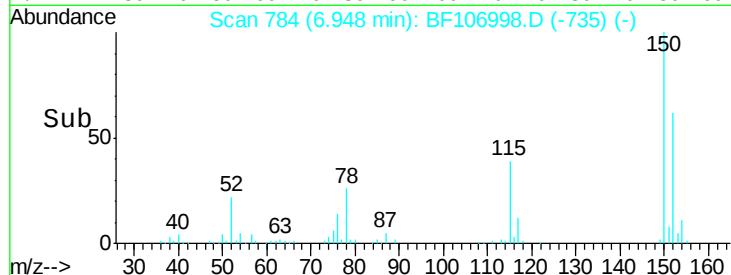
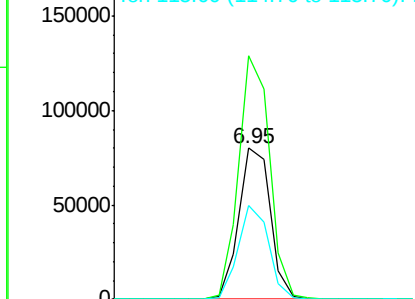
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF106998.D
 Acq: 30 Jun 2018 2:51

Instrument :
 BNA_F
 ClientSampleId :
 W-16

Tgt Ion:152 Resp: 69582
 Ion Ratio Lower Upper
 152 100
 150 161.2 124.6 186.8
 115 62.4 50.1 75.1



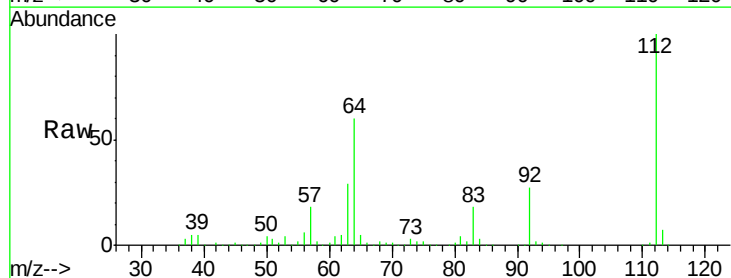
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



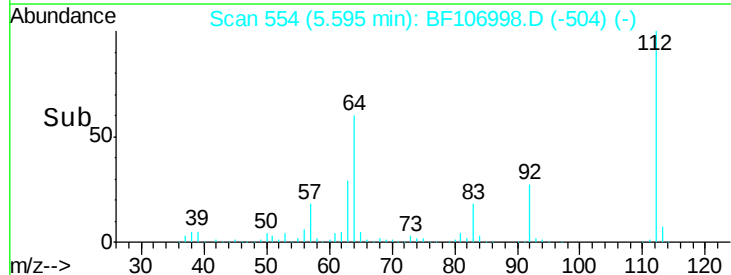
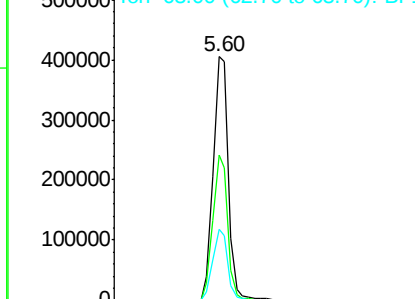
#5

2-Fluorophenol
 Concen: 102.537 ng
 RT: 5.60 min Scan# 554
 Delta R.T. -0.01 min
 Lab File: BF106998.D
 Acq: 30 Jun 2018 2:51

Tgt Ion:112 Resp: 421348
 Ion Ratio Lower Upper
 112 100
 64 59.5 47.9 71.9
 63 29.1 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: 84.987 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF106998.D

Acq: 30 Jun 2018 2:51

Instrument :

BNA_F

ClientSampled :

W-16

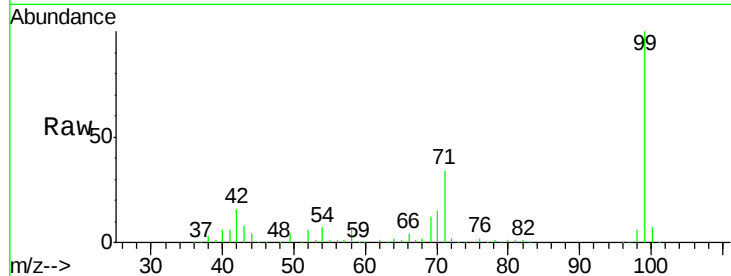
Tgt Ion: 99 Resp: 436122

Ion Ratio Lower Upper

99 100

42 16.5 14.5 21.7

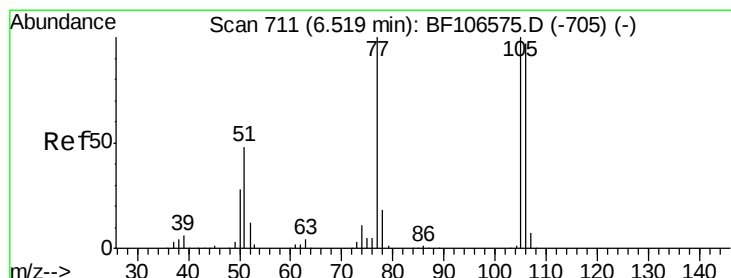
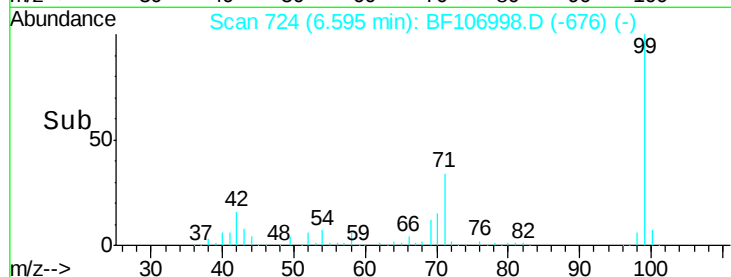
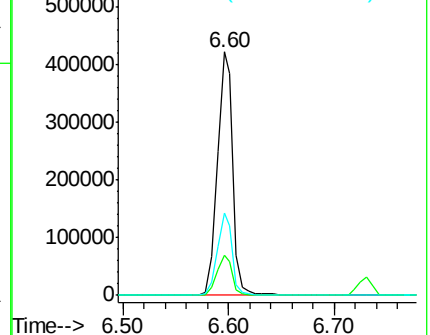
71 34.0 25.4 38.0



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: 2.457 ng

RT: 6.73 min Scan# 747

Delta R.T. 0.21 min

Lab File: BF106998.D

Acq: 30 Jun 2018 2:51

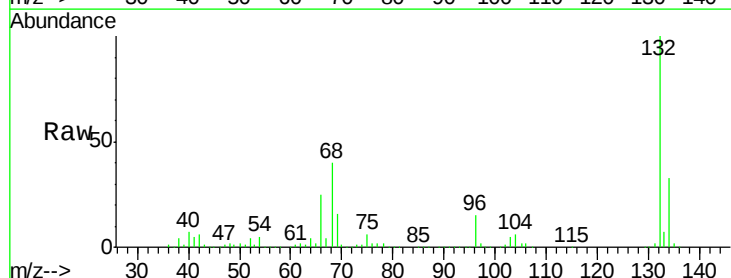
Tgt Ion: 77 Resp: 10626

Ion Ratio Lower Upper

77 100

105 84.6 81.1 121.1

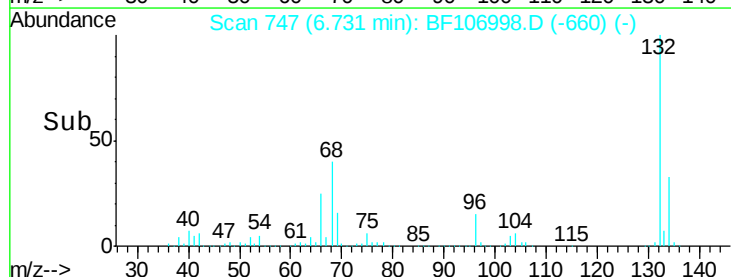
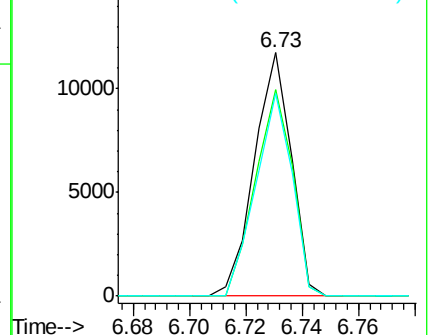
106 83.4 74.5 114.5

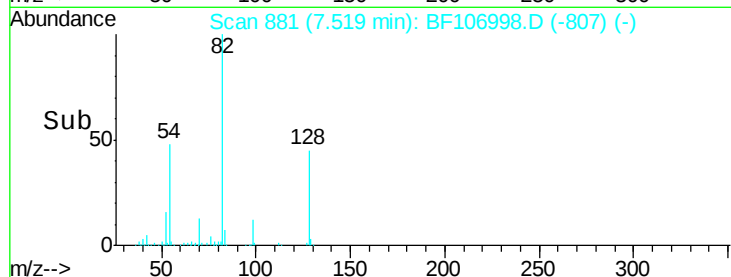
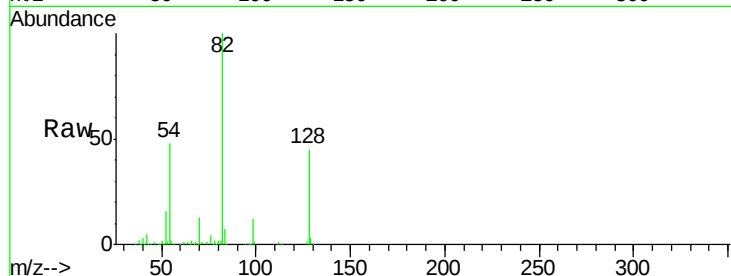
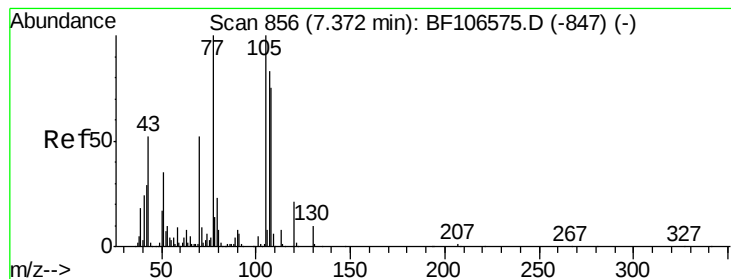


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 16.221 ng

RT: 7.52 min Scan# 881

Delta R.T. 0.14 min

Lab File: BF106998.D

Acq: 30 Jun 2018 2:51

Instrument :

BNA_F

ClientSampleId :

W-16

Tgt Ion: 70 Resp: 54868

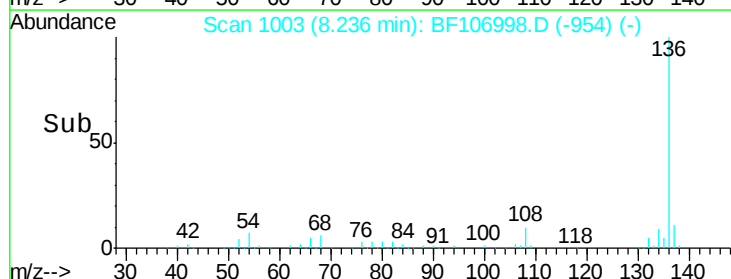
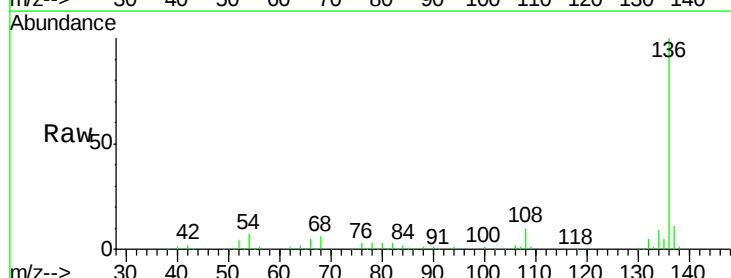
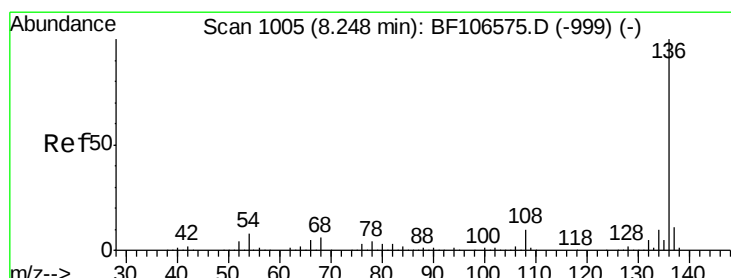
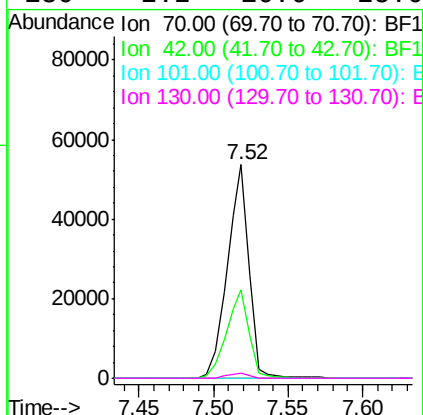
Ion Ratio Lower Upper

70 100

42 41.4 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: BF106998.D

Acq: 30 Jun 2018 2:51

Tgt Ion: 136 Resp: 261254

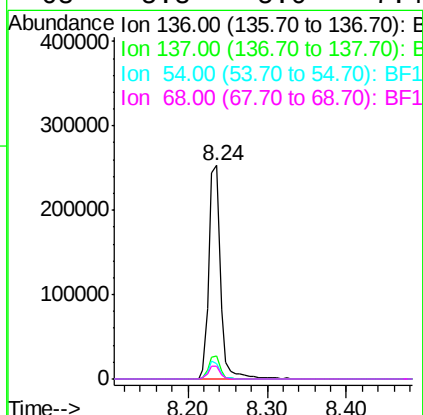
Ion Ratio Lower Upper

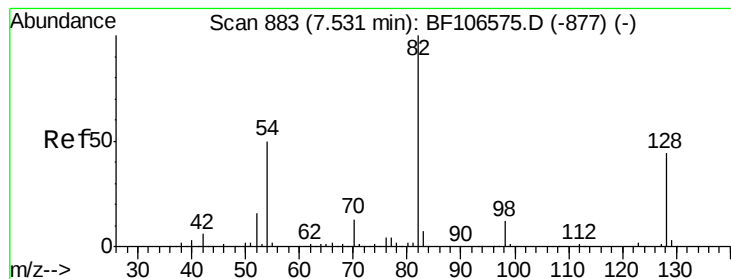
136 100

137 10.8 8.9 13.3

54 7.3 6.6 9.8

68 5.8 5.0 7.4





#23

Nitrobenzene-d5

Concen: 88.398 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.02 min

Lab File: BF106998.D

Acq: 30 Jun 2018 2:51

Instrument :

BNA_F

ClientSampleId :

W-16

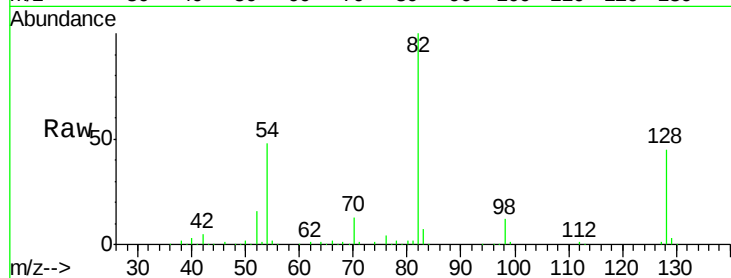
Tgt Ion: 82 Resp: 415564

Ion Ratio Lower Upper

82 100

128 44.6 36.1 54.1

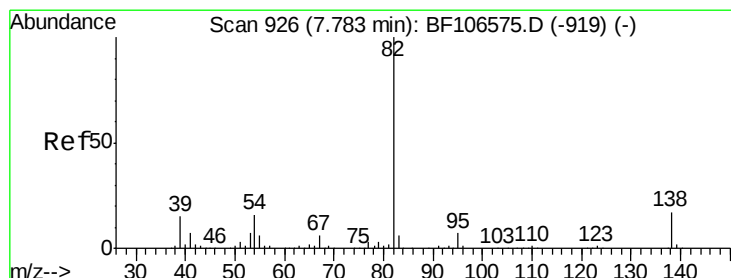
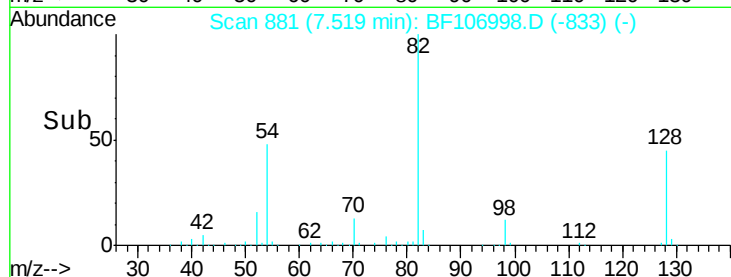
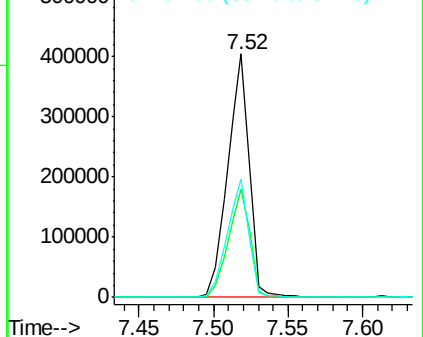
54 48.4 41.4 62.2



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: 50.165 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.27 min

Lab File: BF106998.D

Acq: 30 Jun 2018 2:51

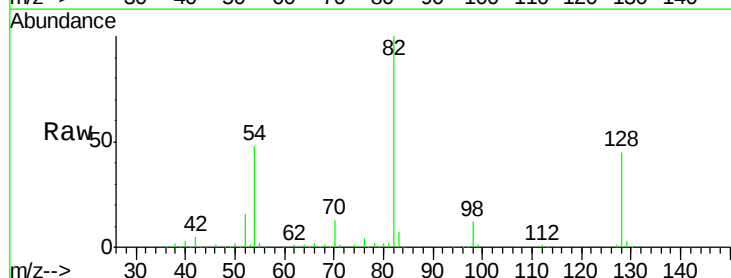
Tgt Ion: 82 Resp: 415560

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

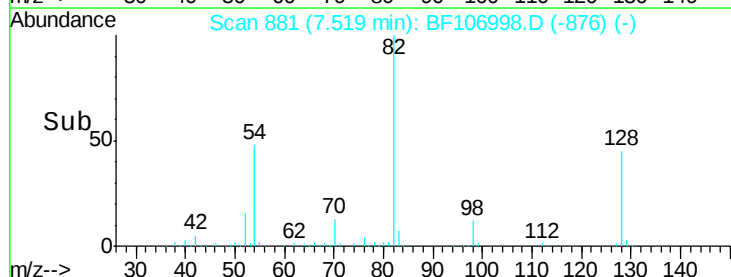
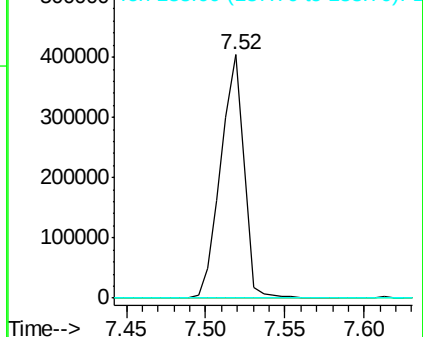
138 0.0 14.9 22.3#

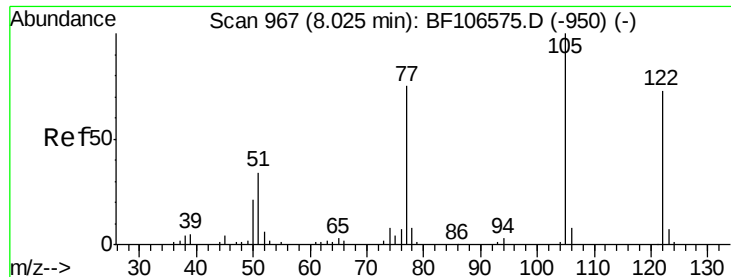


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1





#32

Benzoic acid

Concen: 6.477 ng

RT: 7.90 min Scan# 945

Delta R.T. -0.15 min

Lab File: BF106998.D

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ClientSampleId :

W-16

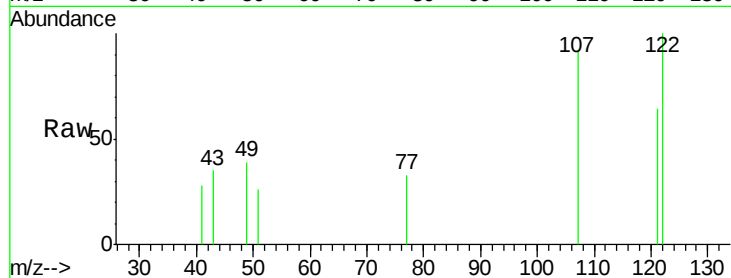
Tgt Ion:122 Resp: 2158

Ion Ratio Lower Upper

122 100

105 0.0 101.1 141.1#

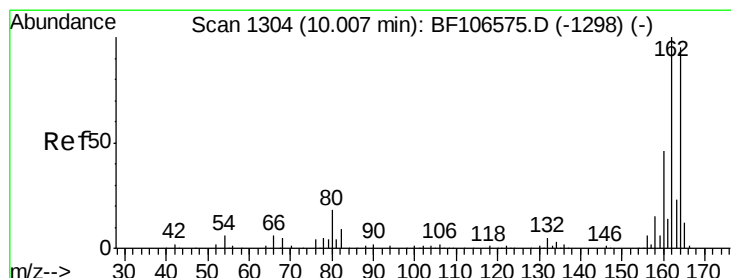
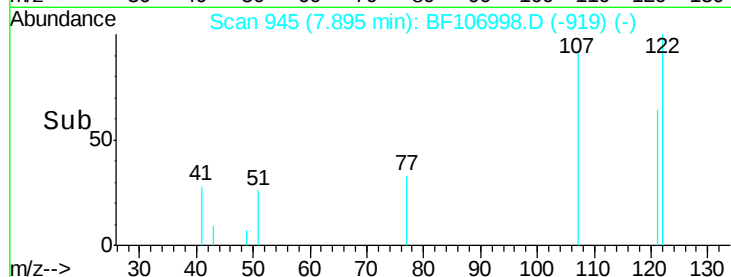
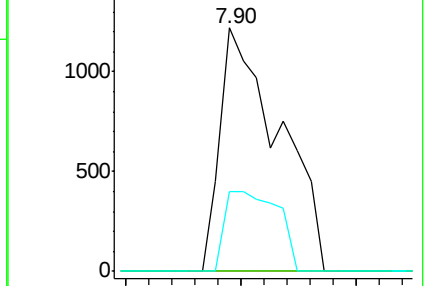
77 32.7 70.7 110.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.99 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BF106998.D

Acq: 30 Jun 2018 2:51

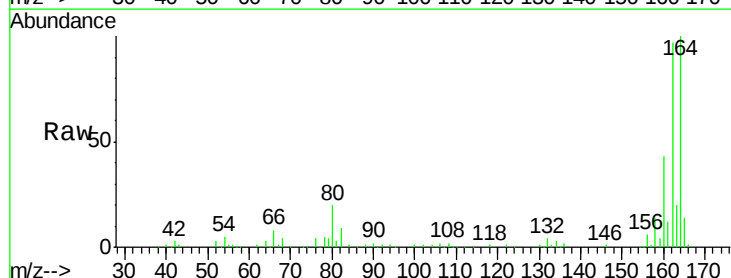
Tgt Ion:164 Resp: 126607

Ion Ratio Lower Upper

164 100

162 97.3 86.1 129.1

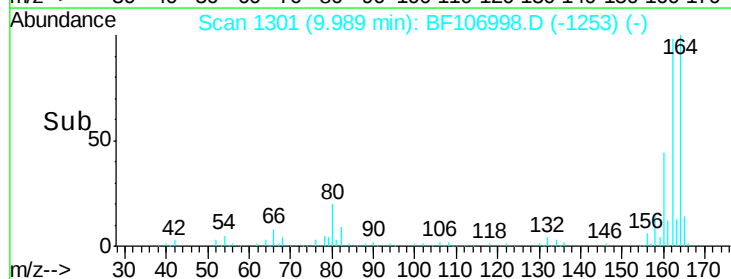
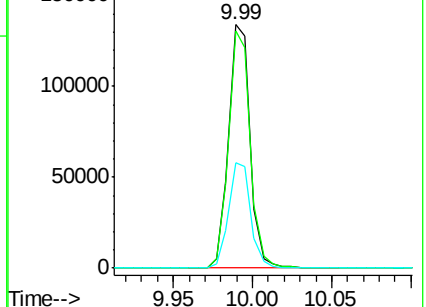
160 43.5 38.3 57.5



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

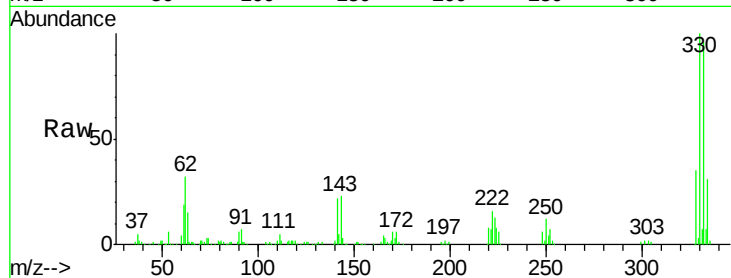




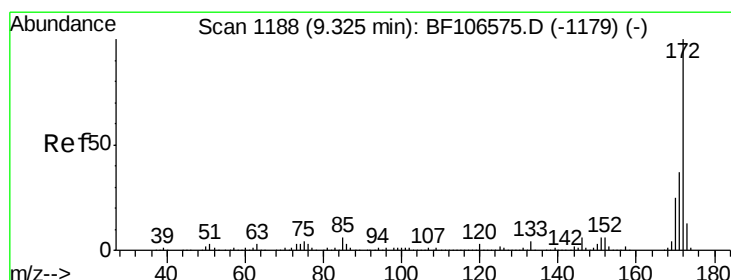
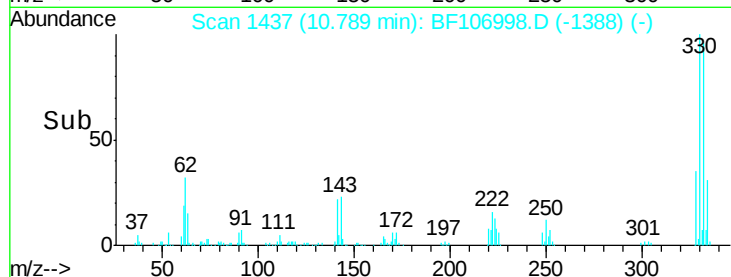
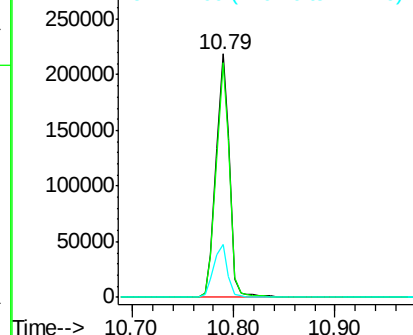
#41
 2,4,6-Tribromophenol
 Concen: 138.830 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF106998.D
 Acq: 30 Jun 2018 2:51

Instrument :
 BNA_F
 ClientSampled :
 W-16

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	22.3	29.9	44.9#

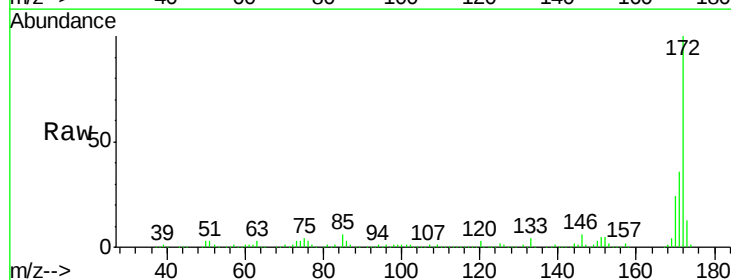


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

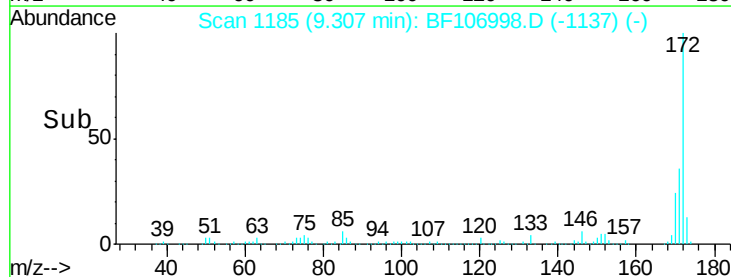
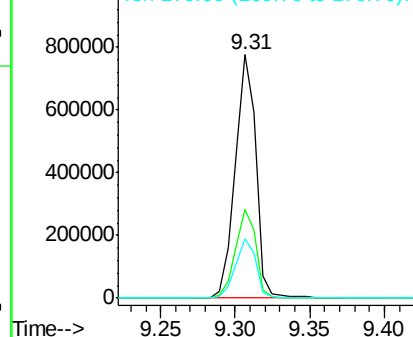


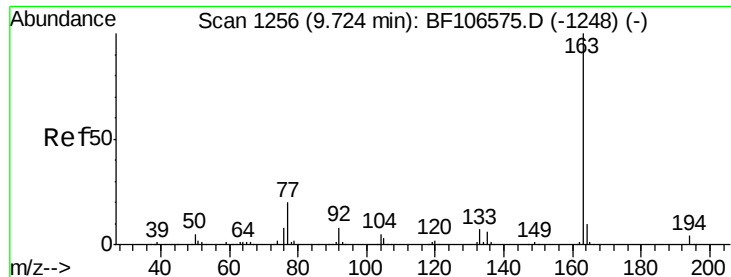
#44
 2-Fluorobiphenyl
 Concen: 106.433 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF106998.D
 Acq: 30 Jun 2018 2:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.3	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

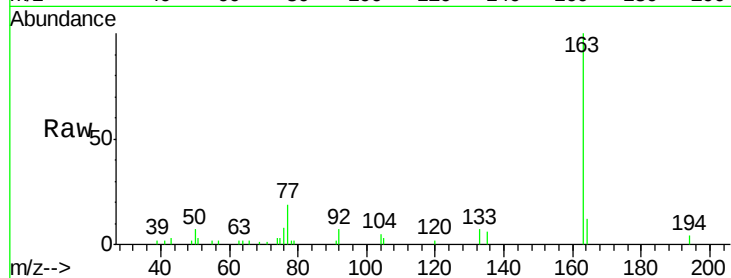




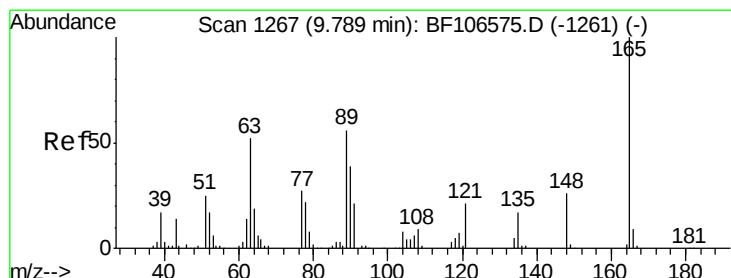
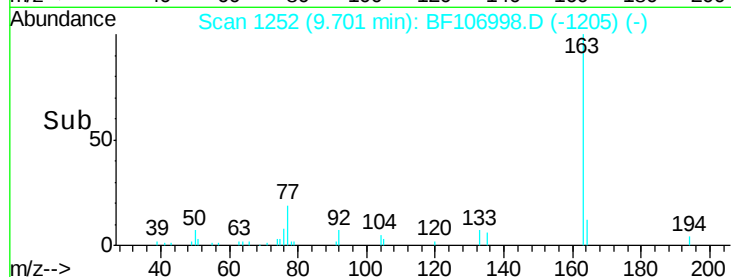
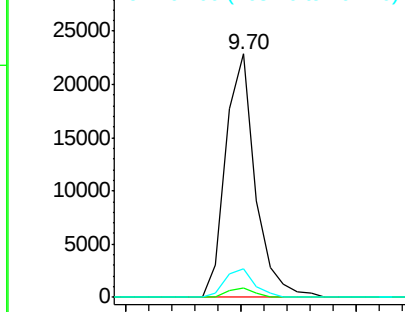
#49
Dimethylphthalate
Concen: 2.145 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF106998.D
Acq: 30 Jun 2018 2:51

Instrument :
BNA_F
ClientSampleId :
W-16

Tgt Ion:163 Resp: 20365
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 11.7 8.2 12.2

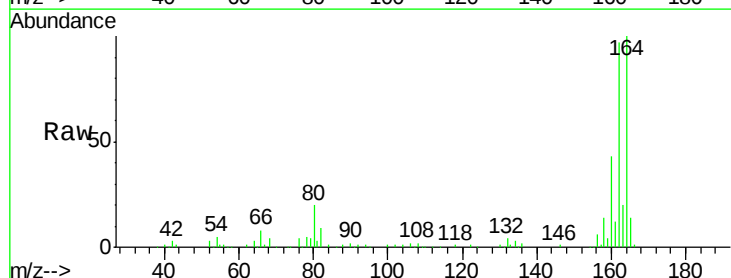


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

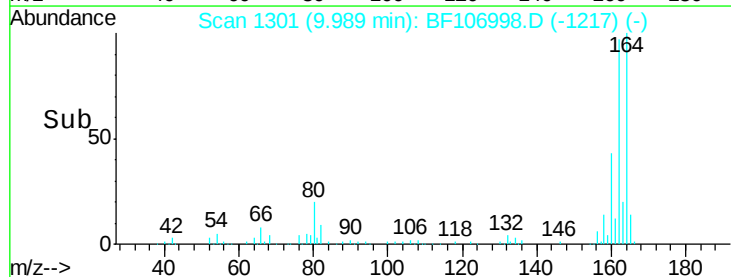
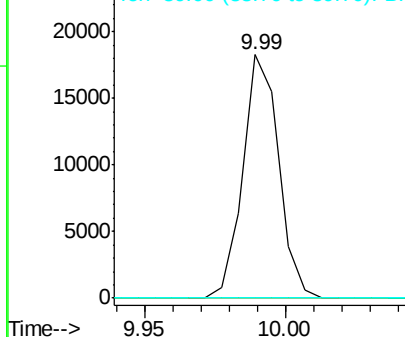


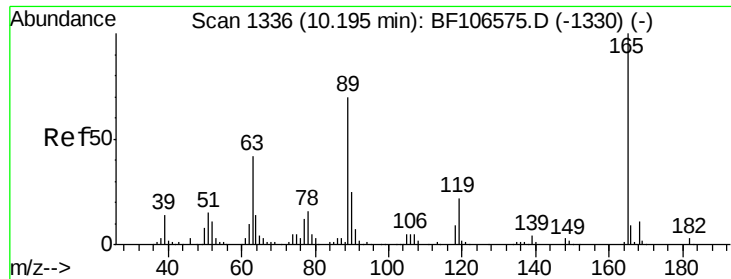
#50
2,6-Dinitrotoluene
Concen: 7.983 ng
RT: 9.99 min Scan# 1301
Delta R.T. 0.19 min
Lab File: BF106998.D
Acq: 30 Jun 2018 2:51

Tgt Ion:165 Resp: 16052
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

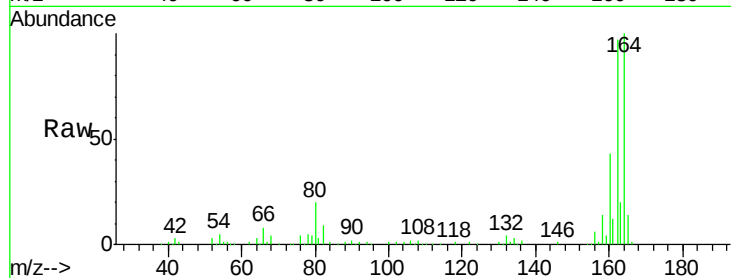




#56
 2,4-Dinitrotoluene
 Concen: 6.116 ng
 RT: 9.99 min Scan# 1301
 Delta R.T. -0.21 min
 Lab File: BF106998.D
 Acq: 30 Jun 2018 2:51

Instrument :
 BNA_F
 ClientSampled :
 W-16

Tgt Ion:	165	Resp:	16052
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#

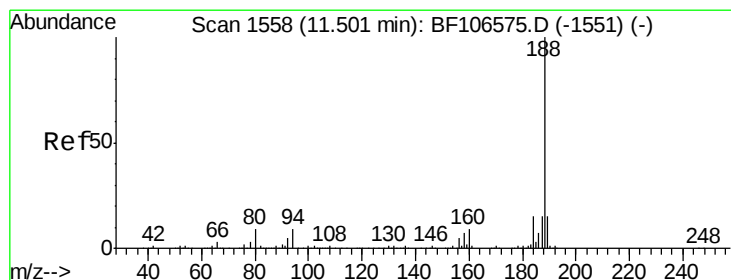
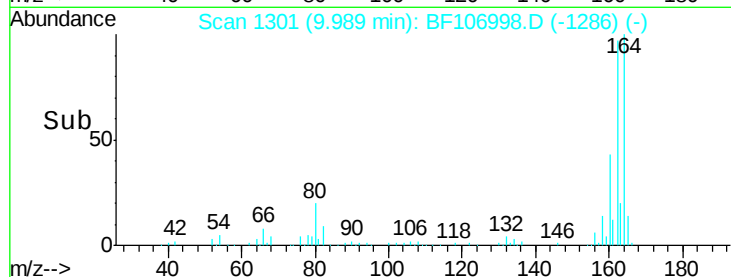
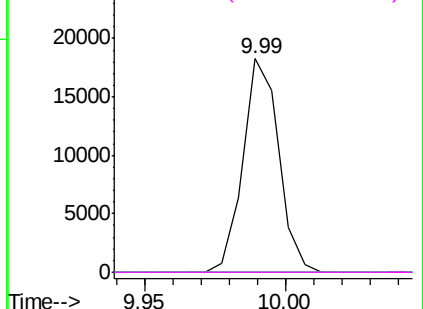


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

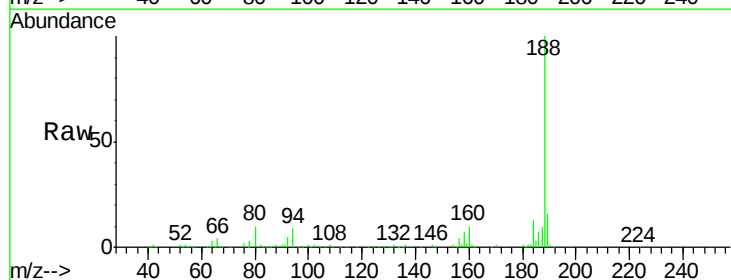
Ion 89.00 (88.70 to 89.70): BF1

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: BF106998.D
 Acq: 30 Jun 2018 2:51

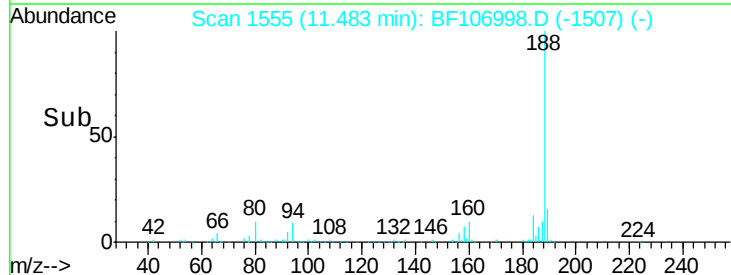
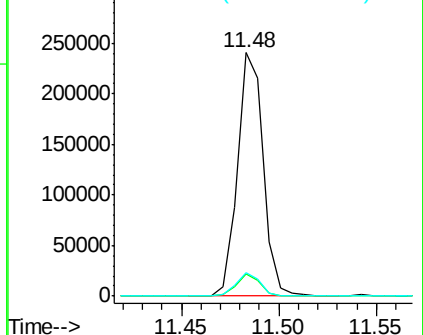
Tgt Ion:	188	Resp:	218717
Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.5	12.7
80	9.8	9.2	13.8

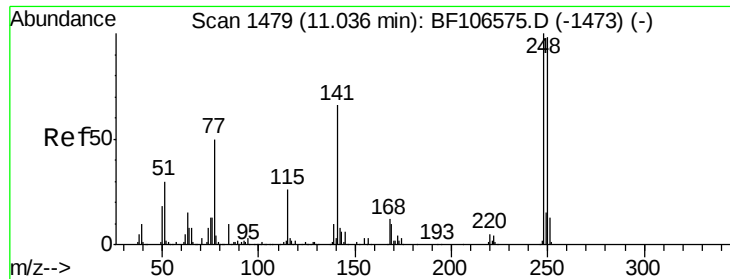


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

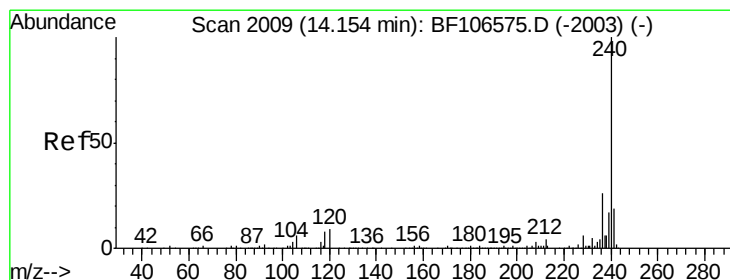
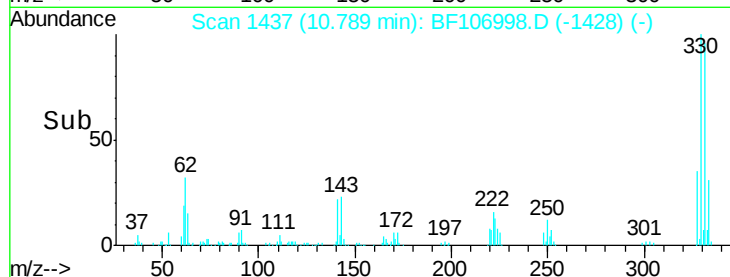
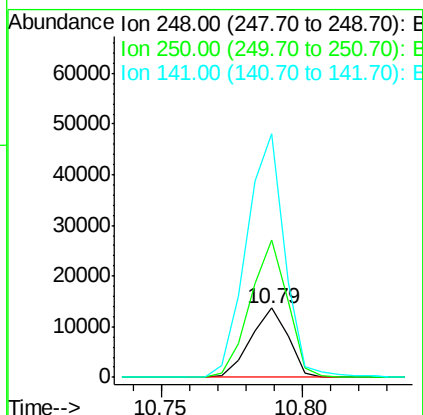
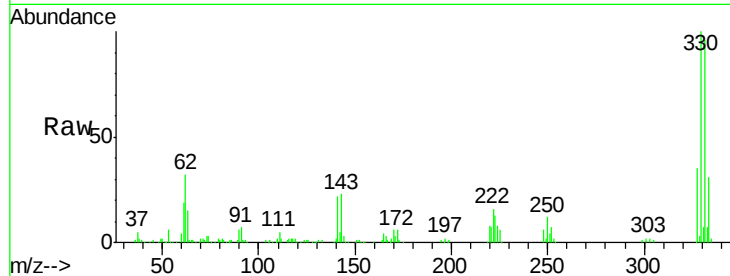




#66
4-Bromophenyl-phenylether
Concen: 4.789 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF106998.D
Acq: 30 Jun 2018 2:51

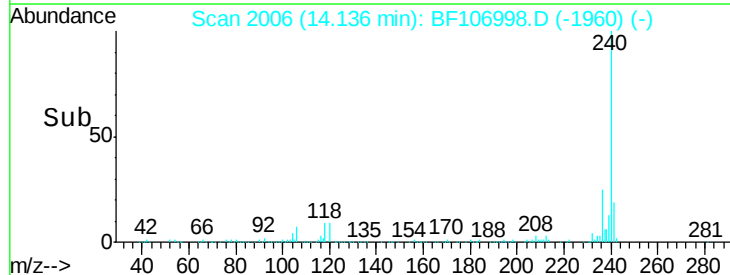
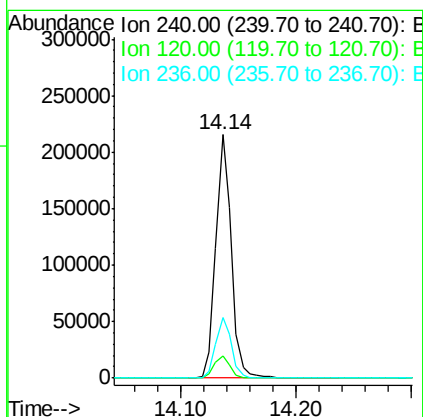
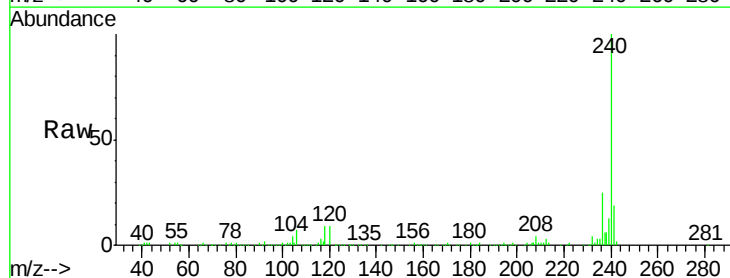
Instrument :
BNA_F
ClientSampleId :
W-16

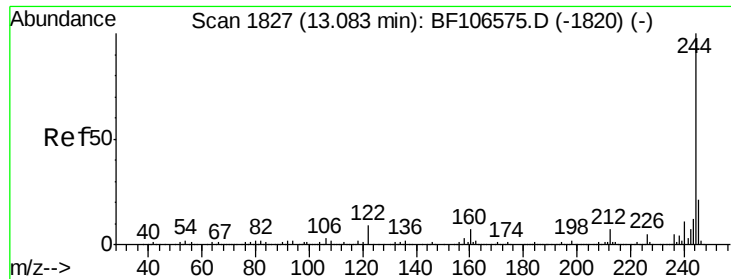
Tgt Ion: 248 Resp: 12500
Ion Ratio Lower Upper
248 100
250 198.9 76.9 115.3#
141 352.3 74.4 111.6#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.03 min
Lab File: BF106998.D
Acq: 30 Jun 2018 2:51

Tgt Ion: 240 Resp: 199542
Ion Ratio Lower Upper
240 100
120 9.2 9.5 14.3#
236 25.1 20.7 31.1





#78

Terphenyl-d14

Concen: 90.567 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF106998.D

Acq: 30 Jun 2018 2:51

Instrument :

BNA_F

ClientSampleId :

W-16

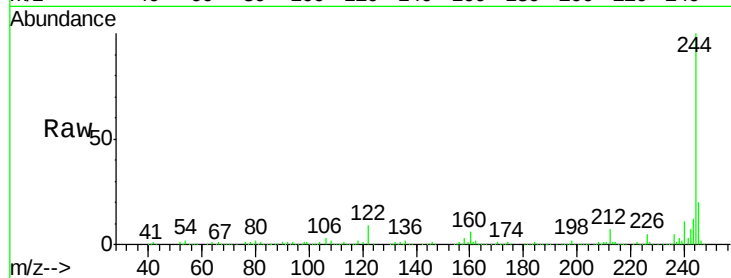
Tgt Ion:244 Resp: 746069

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

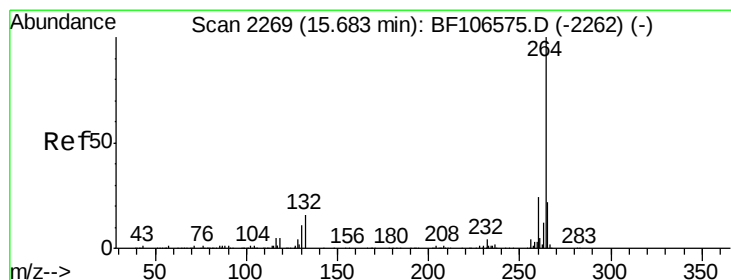
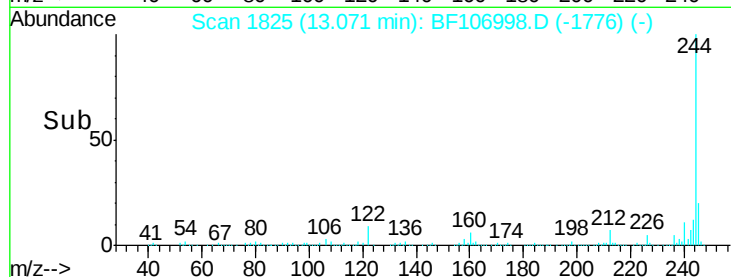
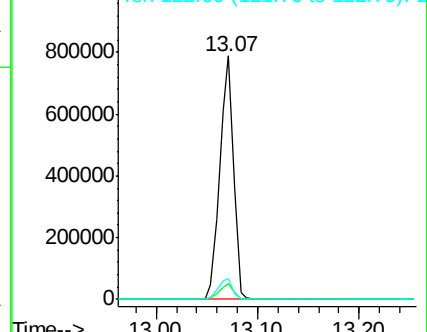
122 8.5 11.0 16.4#



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: BF106998.D

Acq: 30 Jun 2018 2:51

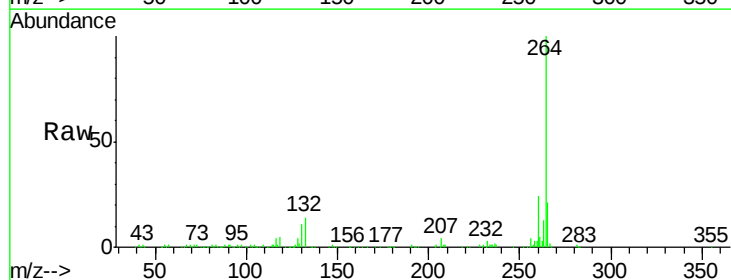
Tgt Ion:264 Resp: 161405

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.0 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

