

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062918\
 Data File : BF106987.D
 Acq On : 29 Jun 2018 21:34
 Operator : JU/SJ
 Sample : J3695-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PZ-6

Quant Time: Jun 29 23:11:20 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

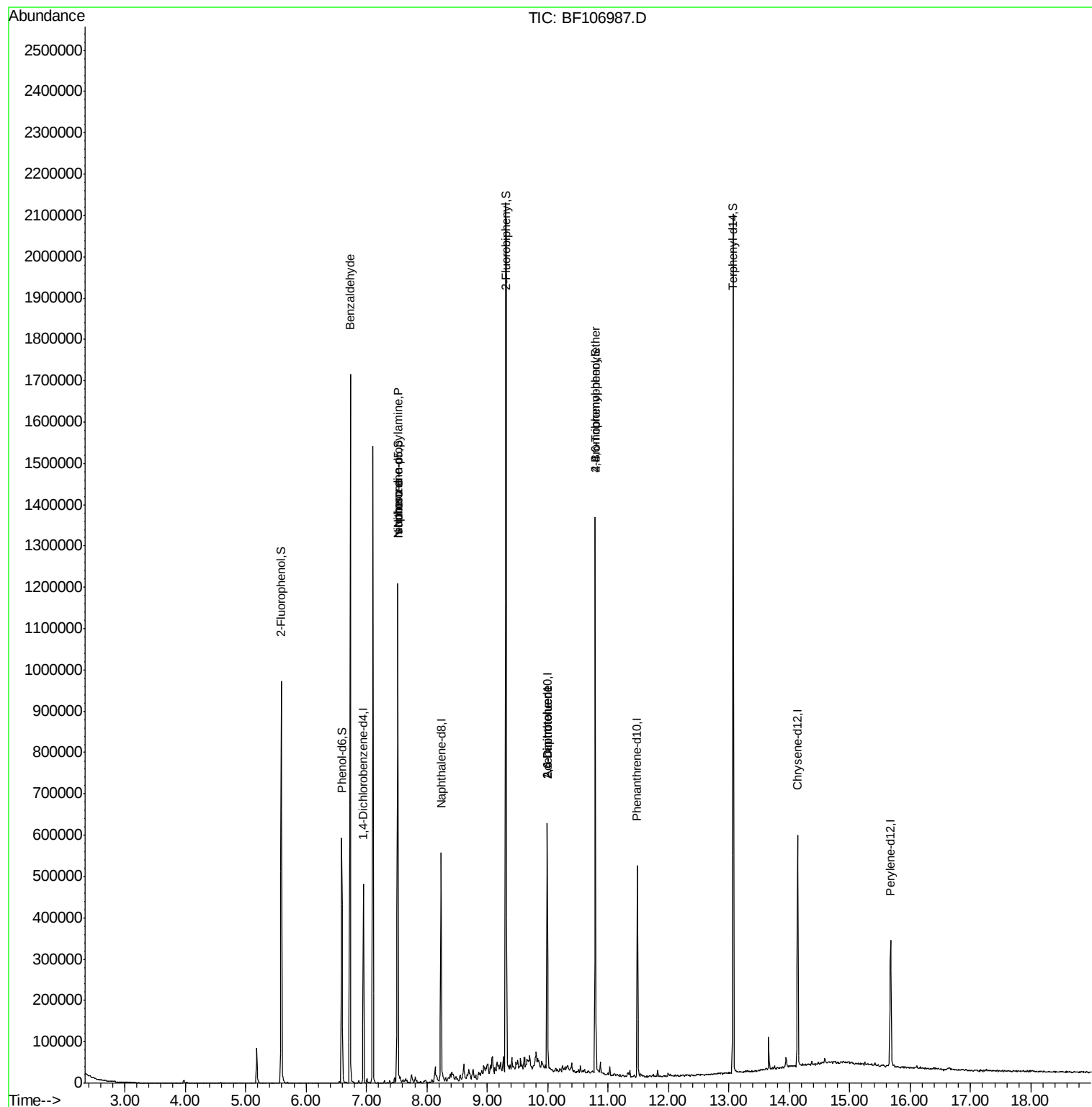
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	72137	20.00	ng	-0.01
21) Naphthalene-d8	8.24	136	269928	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	121157	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	204320	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	204829	20.00	ng	-0.03
86) Perylene-d12	15.68	264	161132	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	267824	62.87	ng	-0.01
7) Phenol-d6	6.59	99	204711	38.48	ng	-0.02
23) Nitrobenzene-d5	7.52	82	449594	92.56	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	200276	142.62	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	767108	111.82	ng	-0.01
78) Terphenyl-d14	13.07	244	800676	94.69	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.73	77	10285	2.298	ng	85
19) n-Nitroso-di-n-propylamine	7.52	70	59633	17.005	ng	# 72
25) Isophorone	7.52	82	447772	52.316	ng	# 64
50) 2,6-Dinitrotoluene	10.00	165	15359	7.982	ng	# 25
56) 2,4-Dinitrotoluene	10.00	165	15359	6.115	ng	# 22
66) 4-Bromophenyl-phenylether	10.79	248	12450	5.106	ng	# 1

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

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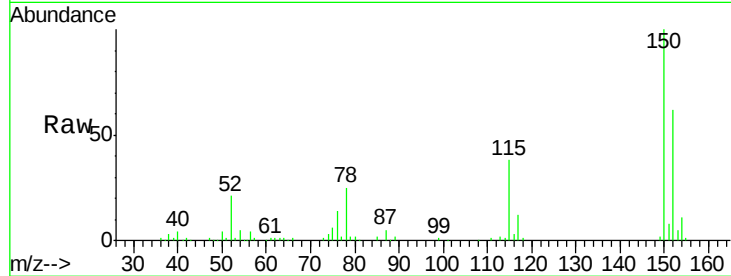


#1

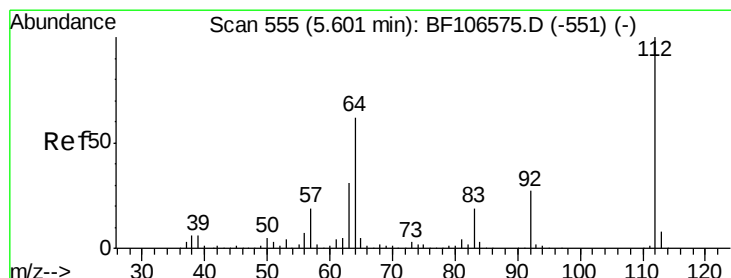
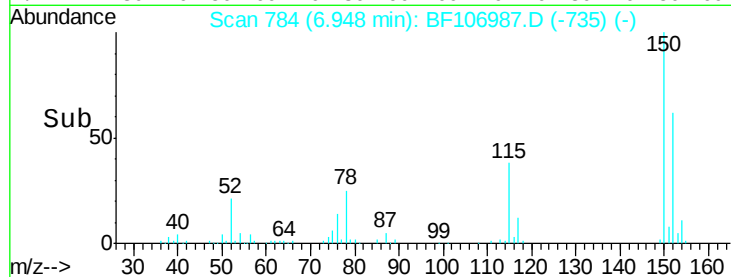
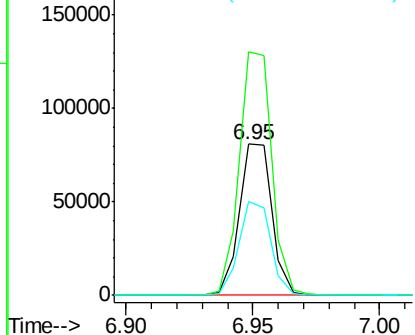
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF106987.D
Acq: 29 Jun 2018 21:34

Instrument :
BNA_F
ClientSampleId :
PZ-6

Tgt Ion:152 Resp: 72137
Ion Ratio Lower Upper
152 100
150 161.1 124.6 186.8
115 61.7 50.1 75.1



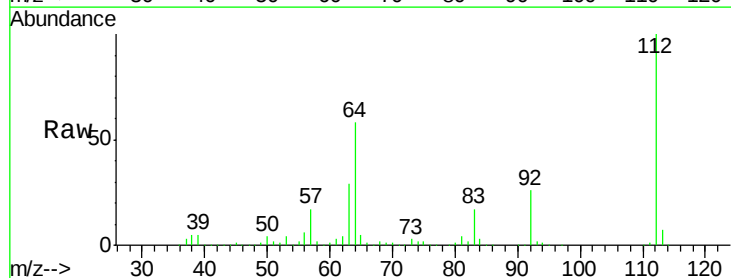
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



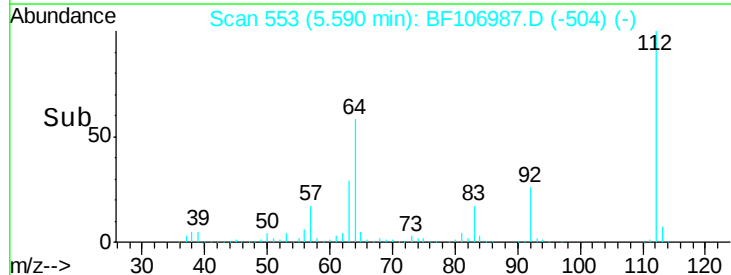
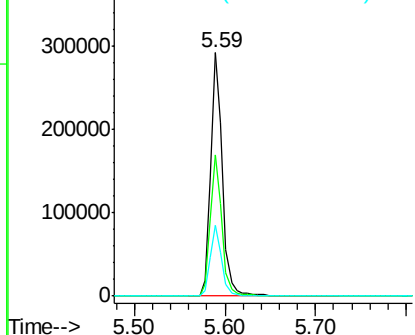
#5

2-Fluorophenol
Concen: 62.868 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF106987.D
Acq: 29 Jun 2018 21:34

Tgt Ion:112 Resp: 267824
Ion Ratio Lower Upper
112 100
64 57.8 47.9 71.9
63 29.2 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: 38.479 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF106987.D

Acq: 29 Jun 2018 21:34

Instrument :

BNA_F

ClientSampleId :

PZ-6

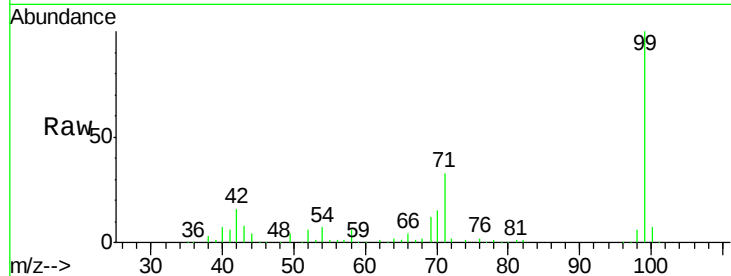
Tgt Ion: 99 Resp: 204711

Ion Ratio Lower Upper

99 100

42 16.2 14.5 21.7

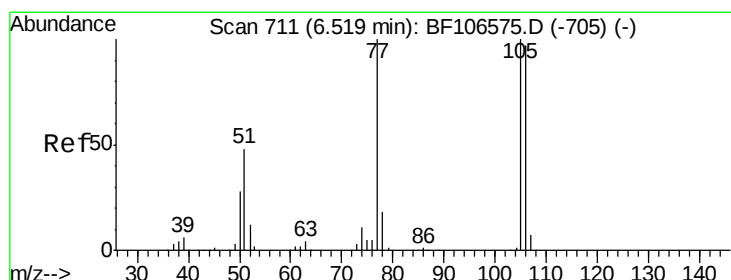
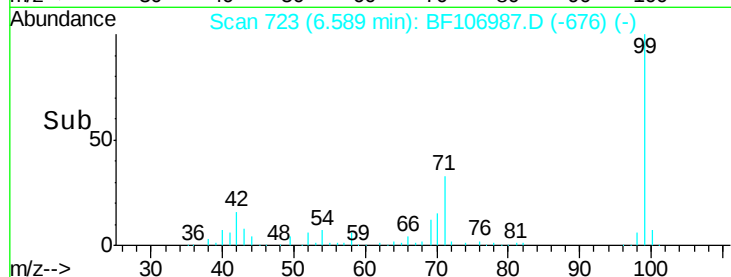
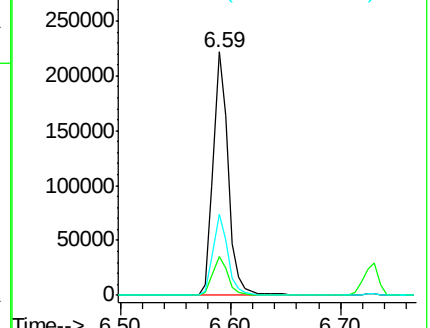
71 33.3 25.4 38.0



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: 2.298 ng

RT: 6.73 min Scan# 747

Delta R.T. 0.21 min

Lab File: BF106987.D

Acq: 29 Jun 2018 21:34

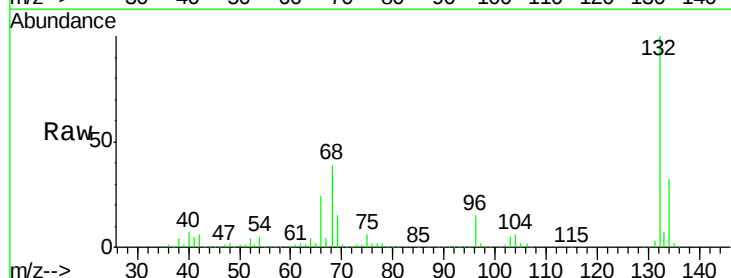
Tgt Ion: 77 Resp: 10285

Ion Ratio Lower Upper

77 100

105 82.8 81.1 121.1

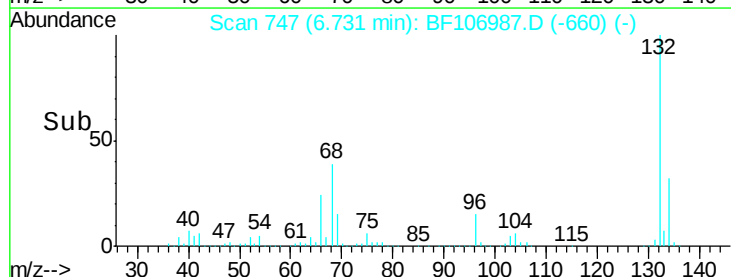
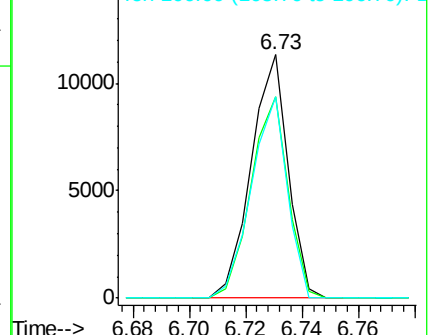
106 82.8 74.5 114.5



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

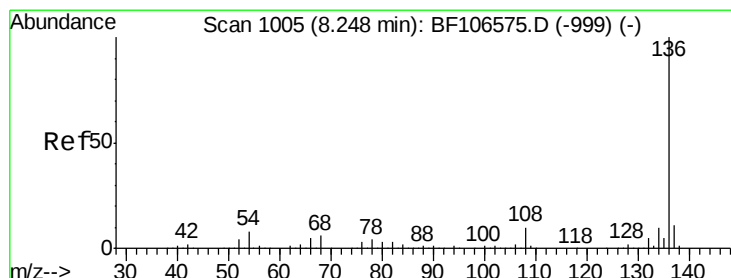
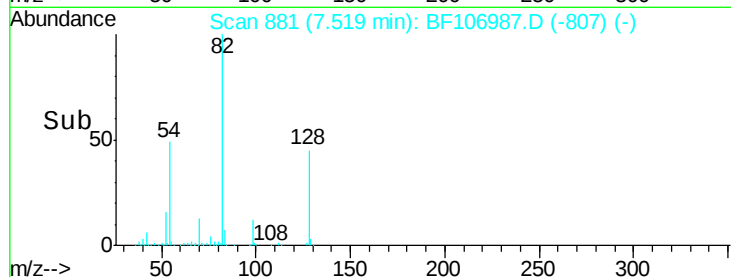
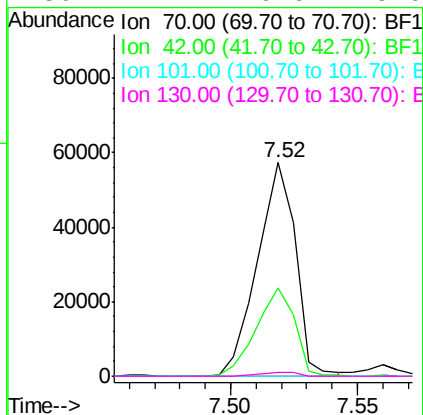
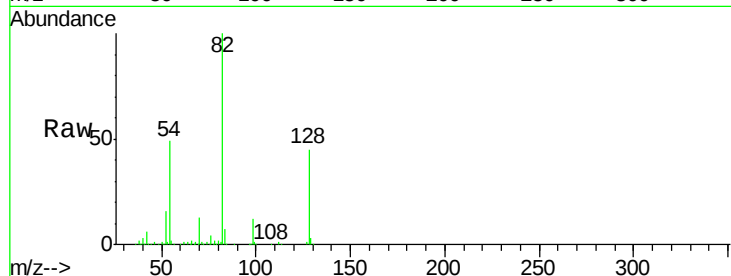




#19
n-Nitroso-di-n-propylamine
Concen: 17.005 ng
RT: 7.52 min Scan# 881
Delta R.T. 0.14 min
Lab File: BF106987.D
Acq: 29 Jun 2018 21:34

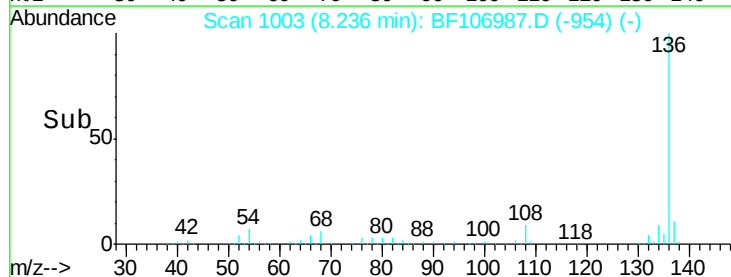
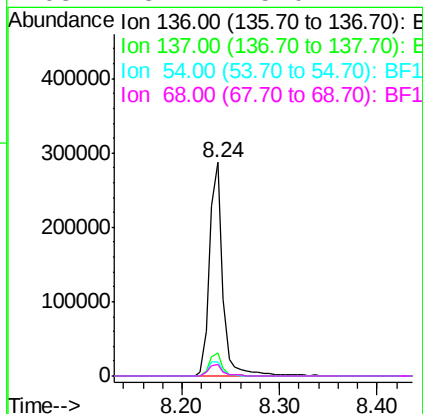
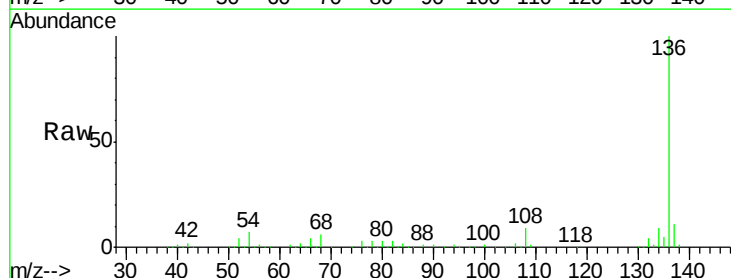
Instrument :
BNA_F
ClientSampleId :
PZ-6

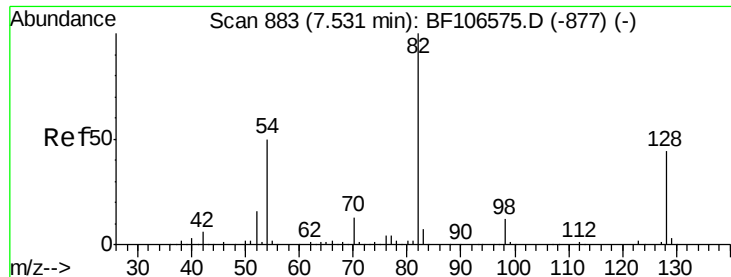
Tgt Ion: 70 Resp: 59633
Ion Ratio Lower Upper
70 100
42 41.3 47.5 71.3#
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF106987.D
Acq: 29 Jun 2018 21:34

Tgt Ion: 136 Resp: 269928
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 6.8 6.6 9.8
68 5.7 5.0 7.4

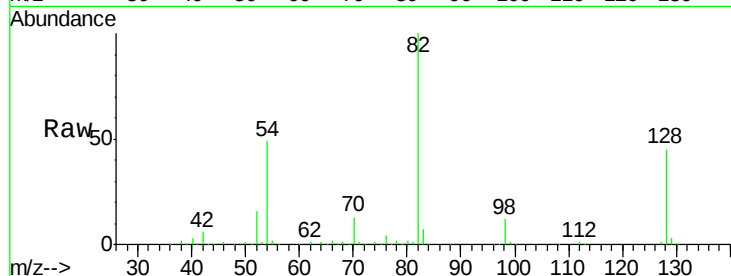




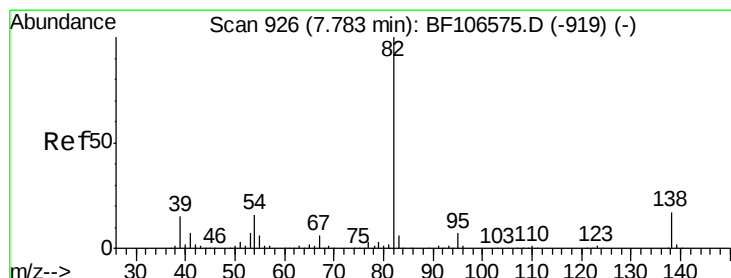
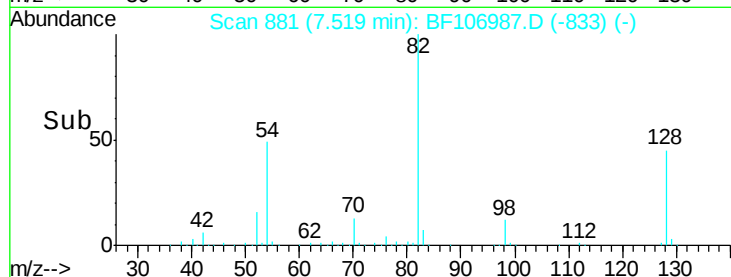
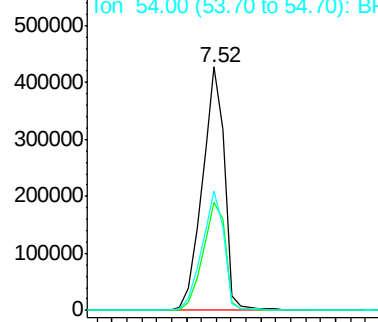
#23
 Nitrobenzene-d5
 Concen: 92.564 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF106987.D
 Acq: 29 Jun 2018 21:34

Instrument :
 BNA_F
 ClientSampleId :
 PZ-6

Tgt Ion: 82 Resp: 449594
 Ion Ratio Lower Upper
 82 100
 128 44.5 36.1 54.1
 54 49.3 41.4 62.2

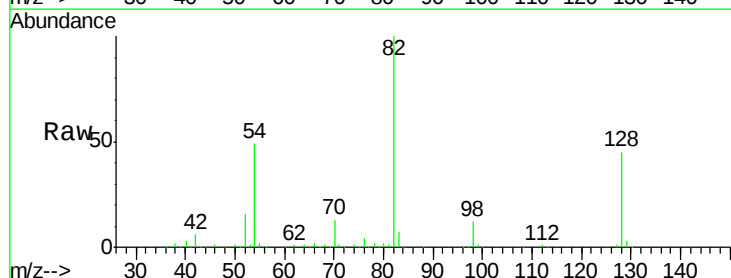


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

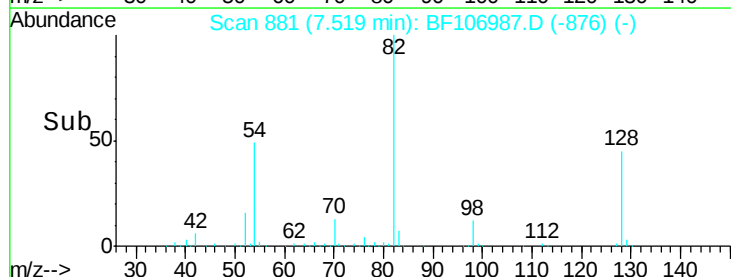
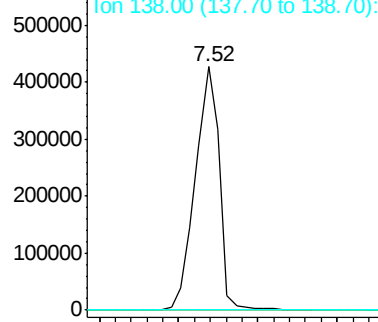


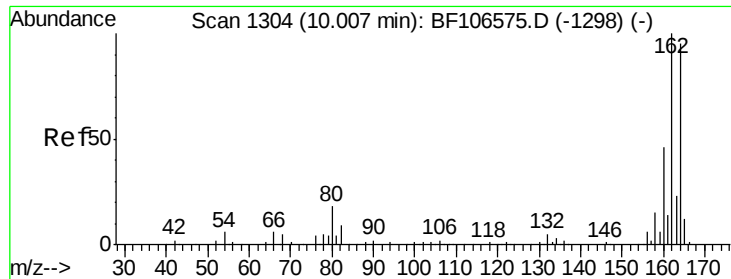
#25
 Isophorone
 Concen: 52.316 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.27 min
 Lab File: BF106987.D
 Acq: 29 Jun 2018 21:34

Tgt Ion: 82 Resp: 447772
 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# 1302

Delta R.T. -0.01 min

Lab File: BF106987.D

Acq: 29 Jun 2018 21:34

Instrument :

BNA_F

ClientSampleId :

PZ-6

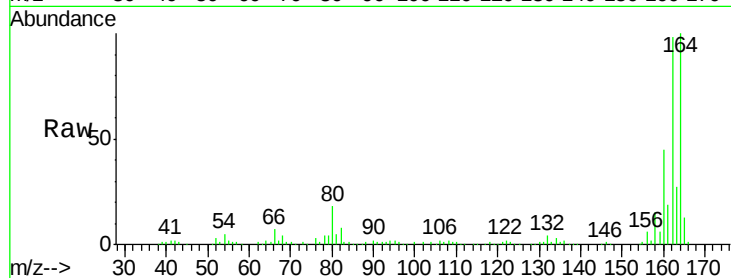
Tgt Ion:164 Resp: 121157

Ion Ratio Lower Upper

164 100

162 98.5 86.1 129.1

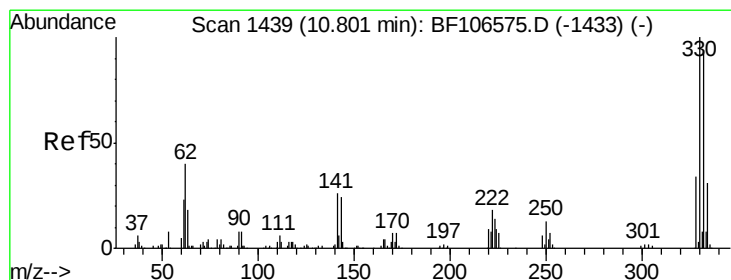
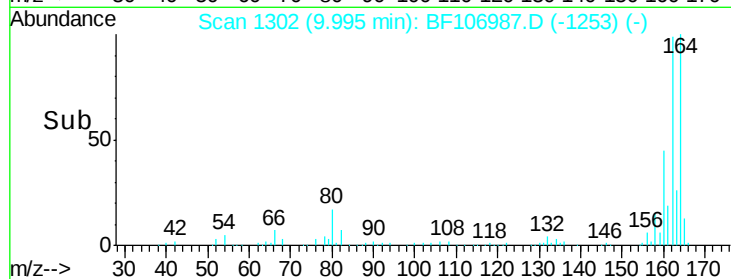
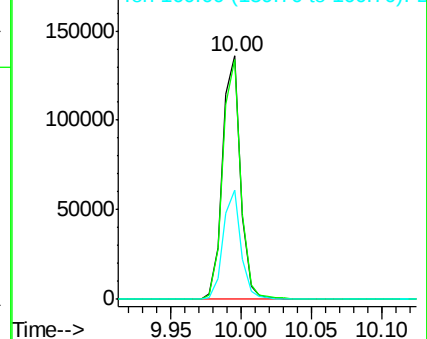
160 44.6 38.3 57.5



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: 142.622 ng

RT: 10.79 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF106987.D

Acq: 29 Jun 2018 21:34

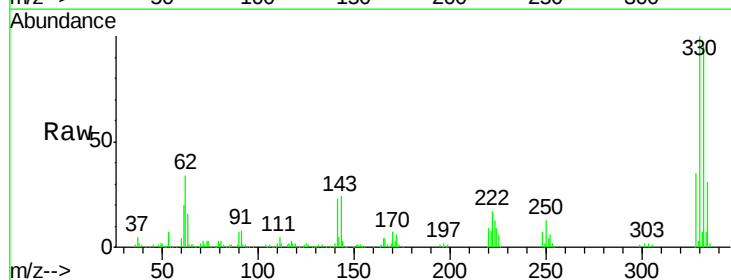
Tgt Ion:330 Resp: 200276

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.6

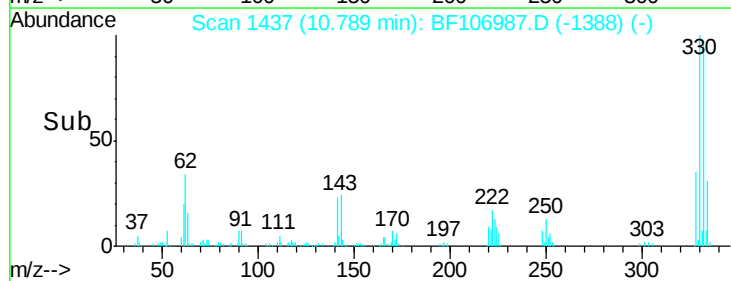
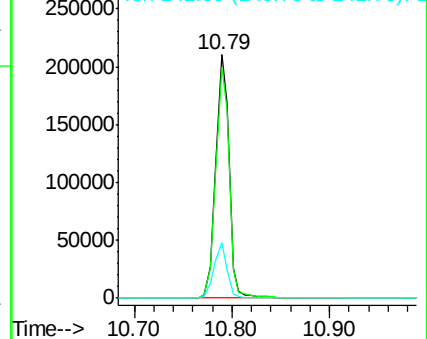
141 22.3 29.9 44.9#



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

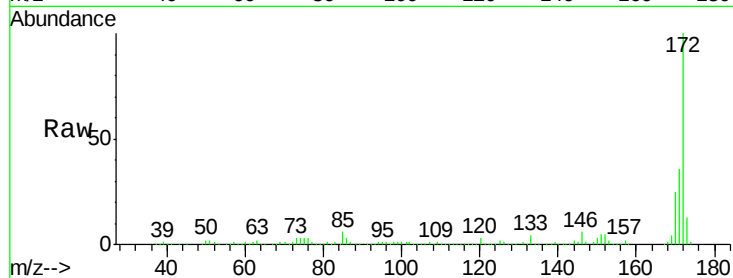




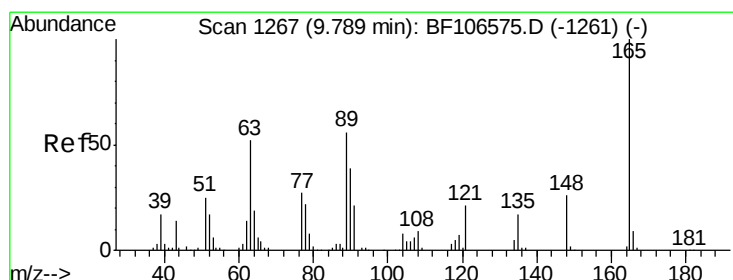
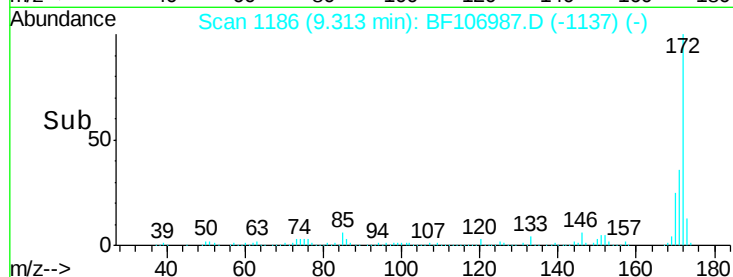
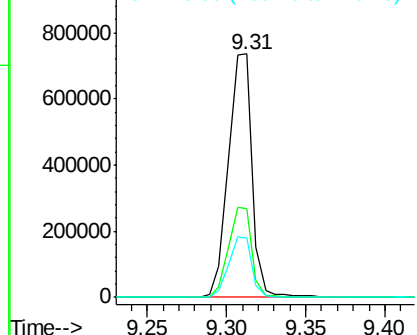
#44
 2-Fluorobiphenyl
 Concen: 111.824 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106987.D
 Acq: 29 Jun 2018 21:34

Instrument :
 BNA_F
 ClientSampleId :
 PZ-6

Tgt Ion:172 Resp: 767108
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 24.6 19.6 29.4

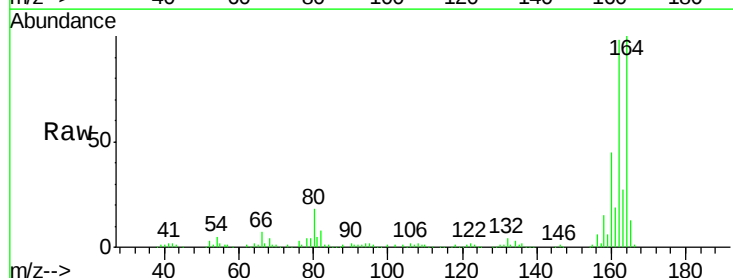


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

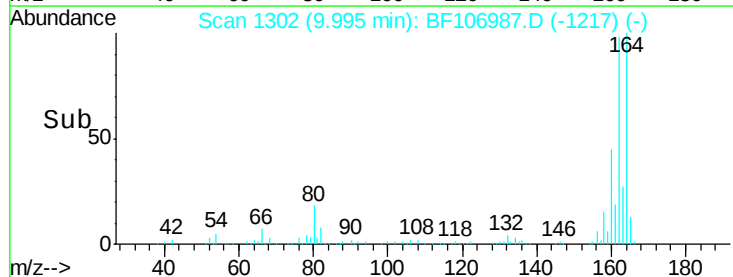
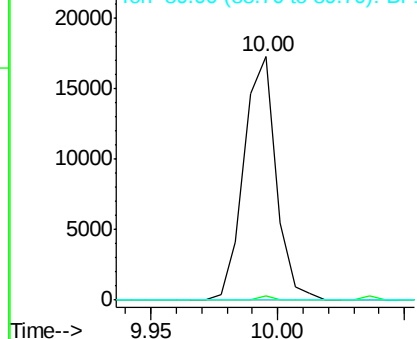


#50
 2,6-Dinitrotoluene
 Concen: 7.982 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. 0.20 min
 Lab File: BF106987.D
 Acq: 29 Jun 2018 21:34

Tgt Ion:165 Resp: 15359
 Ion Ratio Lower Upper
 165 100
 63 1.9 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

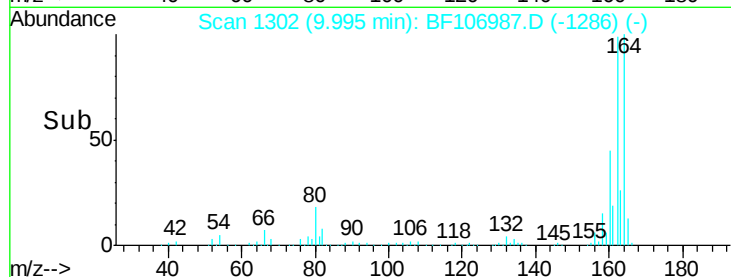
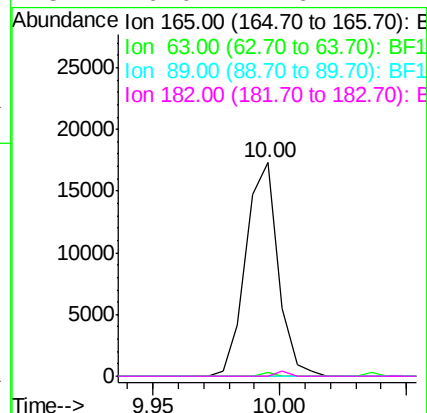
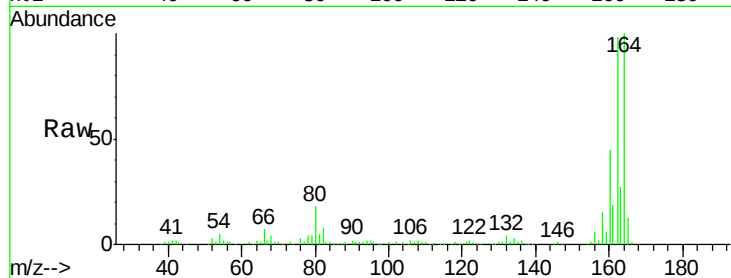




#56
2,4-Dinitrotoluene
Concen: 6.115 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.21 min
Lab File: BF106987.D
Acq: 29 Jun 2018 21:34

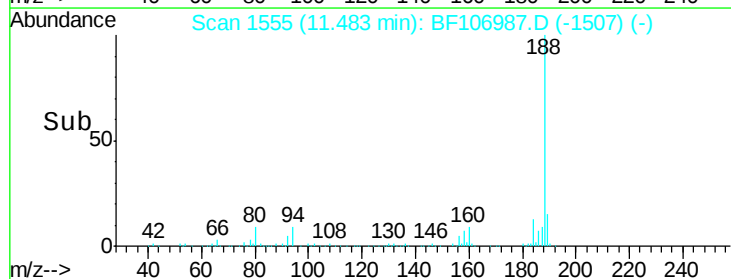
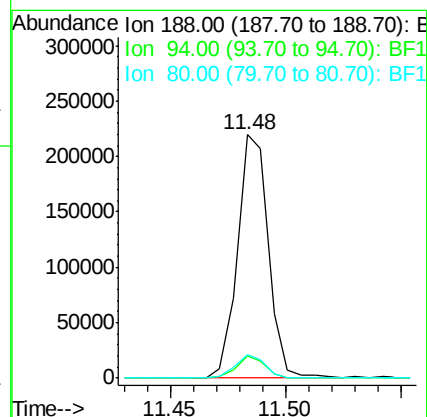
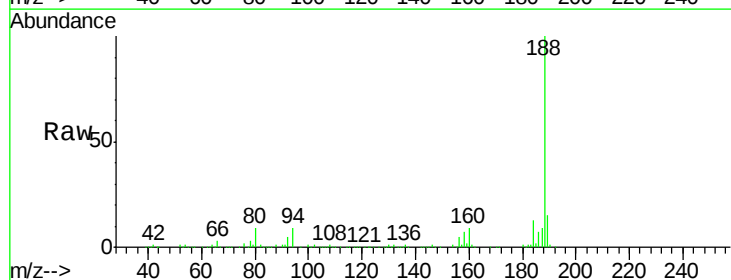
Instrument :
BNA_F
ClientSampled :
PZ-6

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	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: 11.48 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF106987.D
Acq: 29 Jun 2018 21:34

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.5	12.7
80	9.5	9.2	13.8

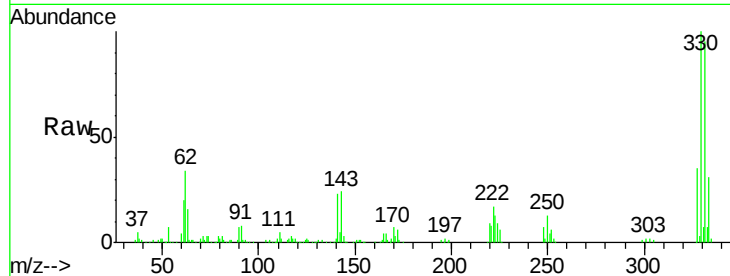




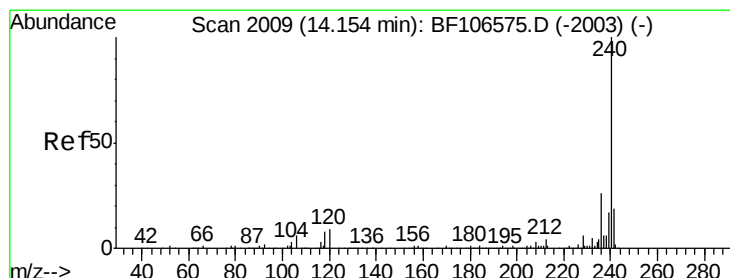
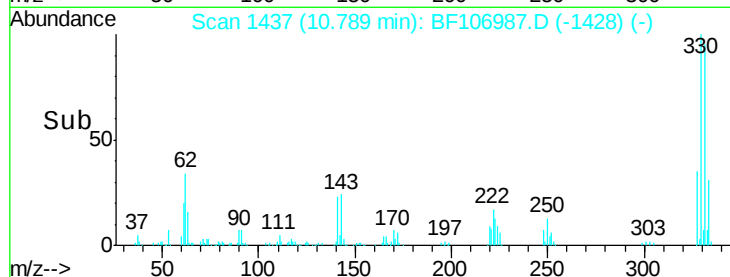
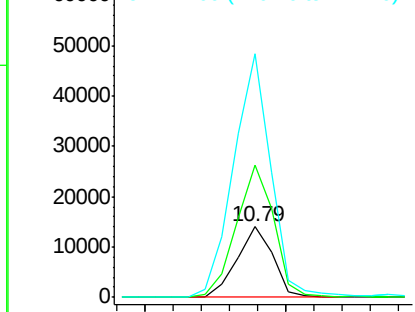
#66
4-Bromophenyl-phenylether
Concen: 5.106 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF106987.D
Acq: 29 Jun 2018 21:34

Instrument :
BNA_F
ClientSampleId :
PZ-6

Tgt Ion:248 Resp: 12450
Ion Ratio Lower Upper
248 100
250 187.7 76.9 115.3#
141 345.1 74.4 111.6#

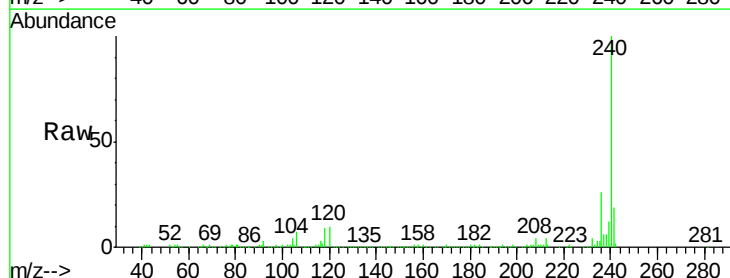


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

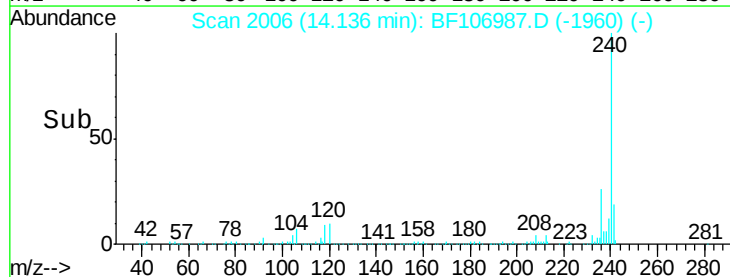
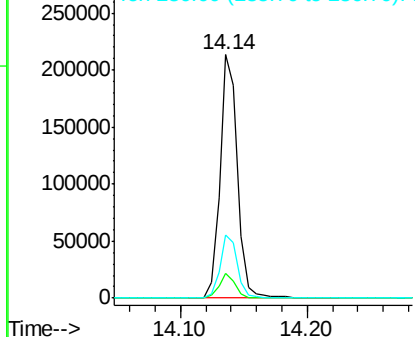


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.03 min
Lab File: BF106987.D
Acq: 29 Jun 2018 21:34

Tgt Ion:240 Resp: 204829
Ion Ratio Lower Upper
240 100
120 10.4 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

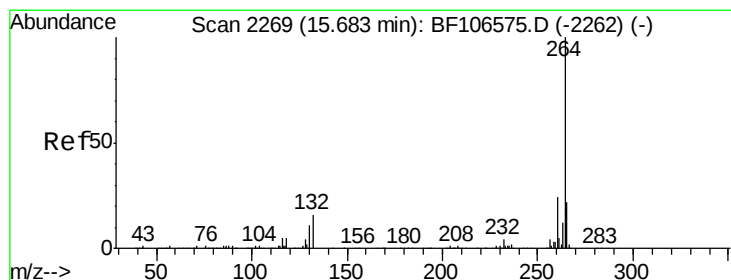
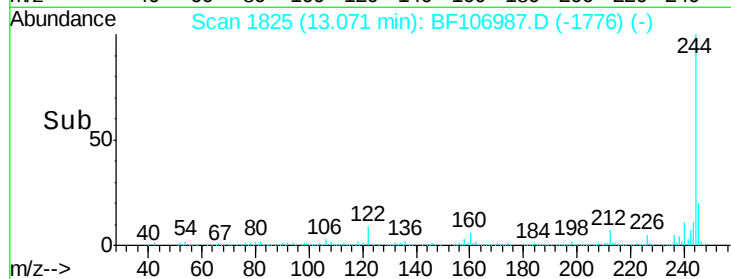
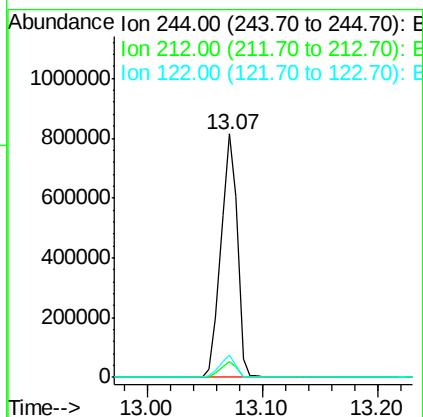
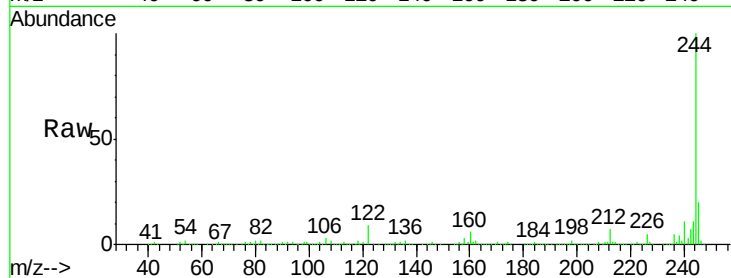




#78
 Terphenyl-d14
 Concen: 94.688 ng
 RT: 13.07 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF106987.D
 Acq: 29 Jun 2018 21:34

Instrument :
 BNA_F
 ClientSampleId :
 PZ-6

Tgt Ion: 244 Resp: 800676
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 9.2 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. -0.04 min
 Lab File: BF106987.D
 Acq: 29 Jun 2018 21:34

Tgt Ion: 264 Resp: 161132
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.1 17.5 26.3

