

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062918\
 Data File : BF107000.D
 Acq On : 30 Jun 2018 3:44
 Operator : JU/SJ
 Sample : J3691-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-17

Quant Time: Jun 30 04:27:28 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

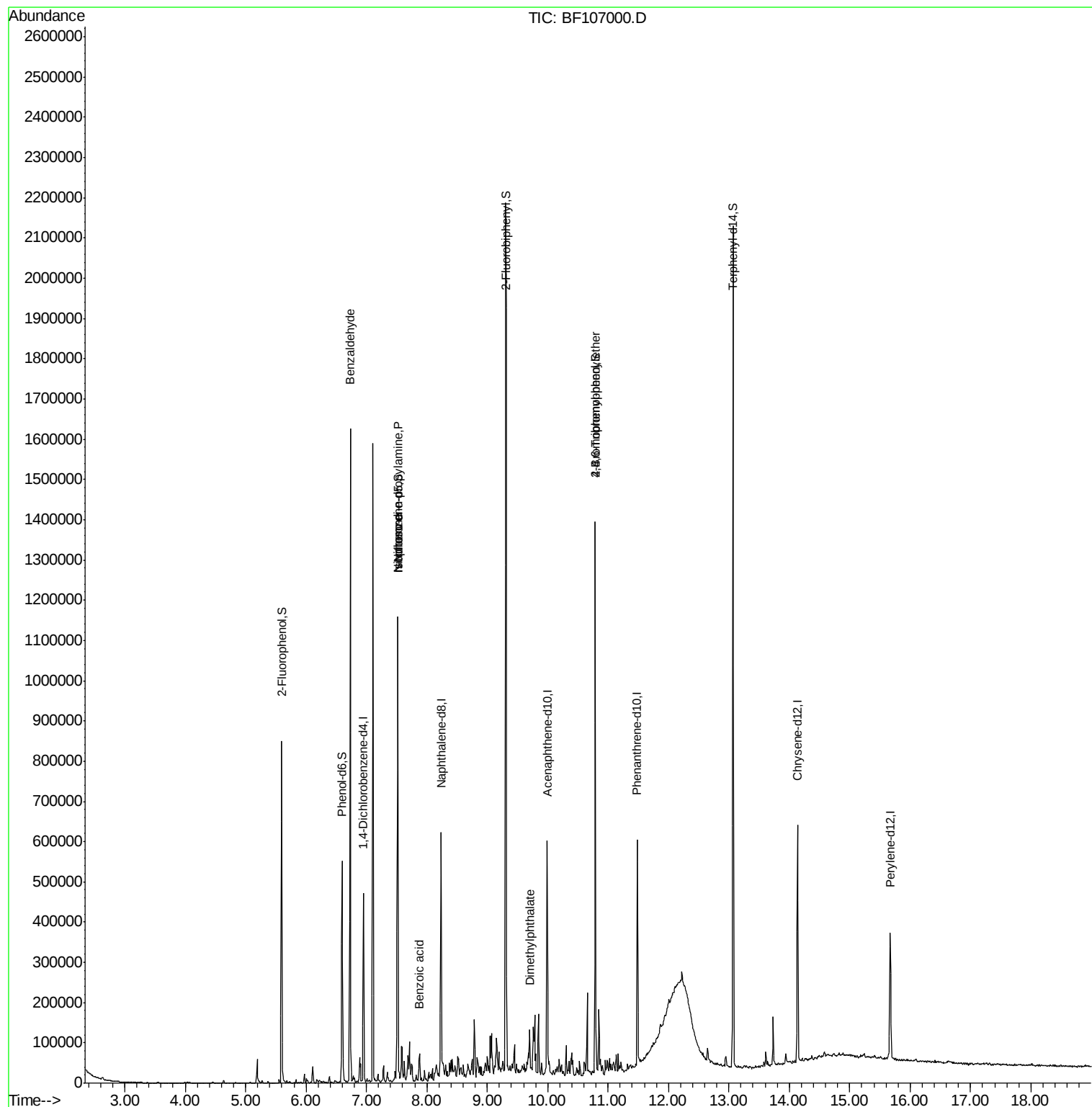
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	71058	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	260706	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	125328	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	217318	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	203125	20.00	ng	-0.03
86) Perylene-d12	15.67	264	163040	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	242040	57.68	ng	0.00
7) Phenol-d6	6.60	99	184679	35.24	ng	-0.02
23) Nitrobenzene-d5	7.52	82	424001	90.38	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	198907	136.93	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	768159	107.68	ng	-0.02
78) Terphenyl-d14	13.07	244	753460	89.85	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.73	77	10296	2.335	ng	# 83
19) n-Nitroso-di-n-propylamine	7.52	70	55358	16.026	ng	# 73
20) 3+4-Methylphenols	7.40	107	319	Below Cal		# 20
25) Isophorone	7.52	82	420132	50.823	ng	# 64
32) Benzoic acid	7.88	122	306	5.837	ng	# 1
49) Dimethylphthalate	9.70	163	35297	3.755	ng	99
66) 4-Bromophenyl-phenylether	10.79	248	12065	4.652	ng	# 1

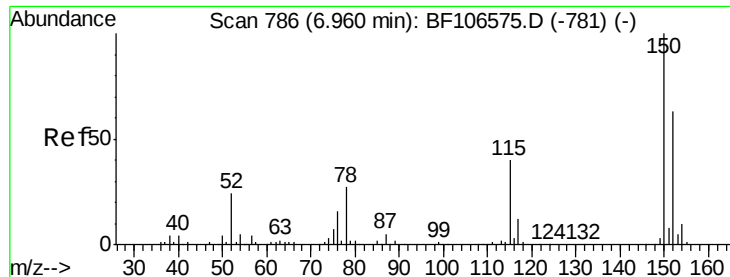
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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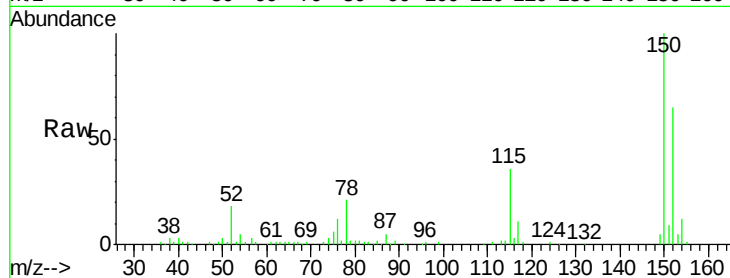


#1

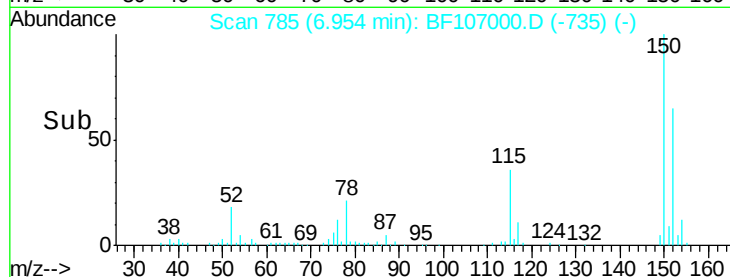
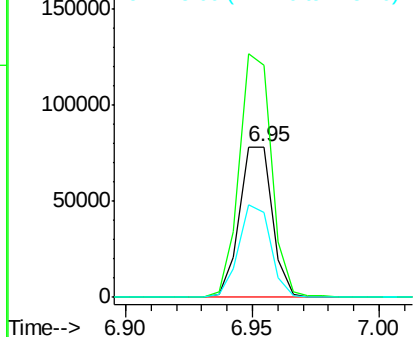
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107000.D
Acq: 30 Jun 2018 3:44

Instrument :
BNA_F
ClientSampleId :
W-17

Tgt Ion:152 Resp: 71058
Ion Ratio Lower Upper
152 100
150 153.7 124.6 186.8
115 56.0 50.1 75.1



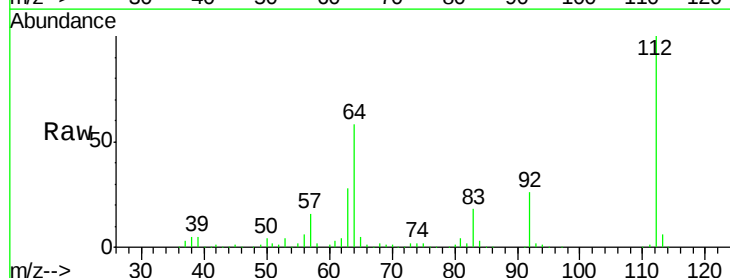
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



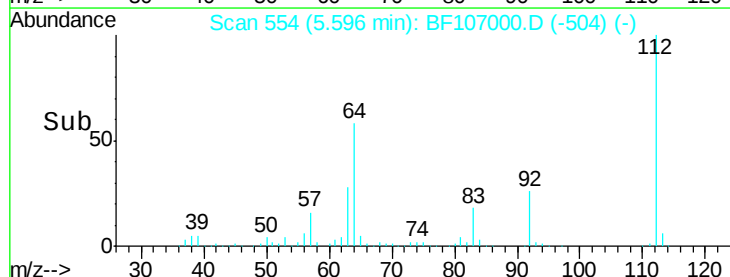
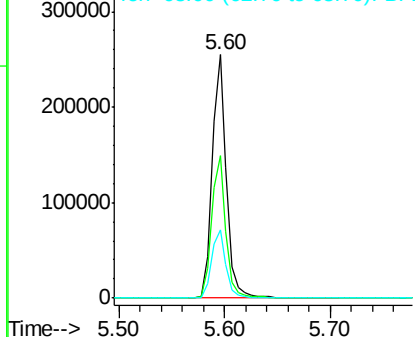
#5

2-Fluorophenol
Concen: 57.678 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107000.D
Acq: 30 Jun 2018 3:44

Tgt Ion:112 Resp: 242040
Ion Ratio Lower Upper
112 100
64 58.4 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: 35.241 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107000.D

Acq: 30 Jun 2018 3:44

Instrument :

BNA_F

ClientSampled :

W-17

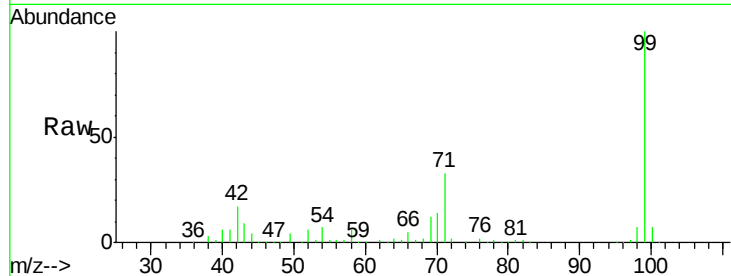
Tgt Ion: 99 Resp: 184679

Ion Ratio Lower Upper

99 100

42 16.6 14.5 21.7

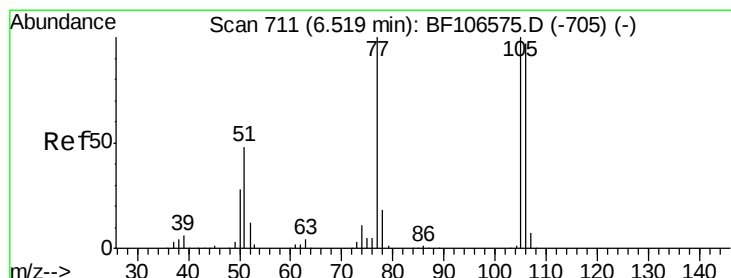
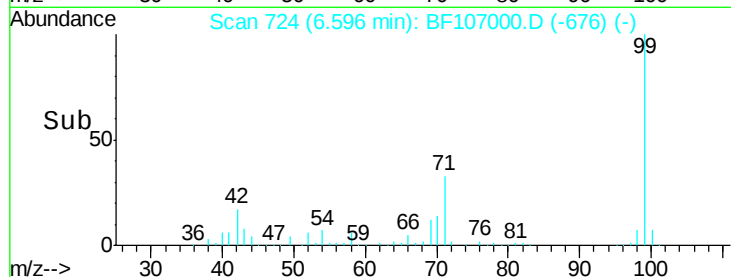
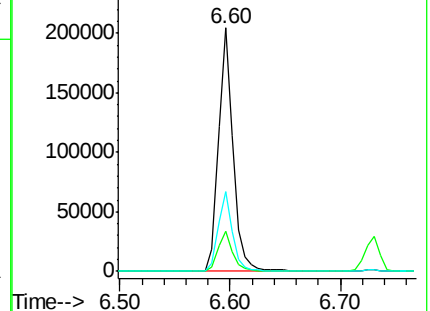
71 32.6 25.4 38.0



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: 2.335 ng

RT: 6.73 min Scan# 747

Delta R.T. 0.21 min

Lab File: BF107000.D

Acq: 30 Jun 2018 3:44

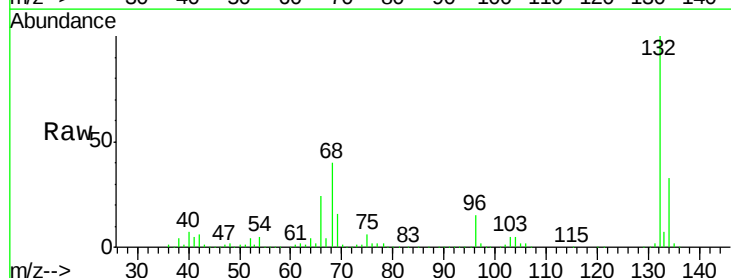
Tgt Ion: 77 Resp: 10296

Ion Ratio Lower Upper

77 100

105 78.1 81.1 121.1#

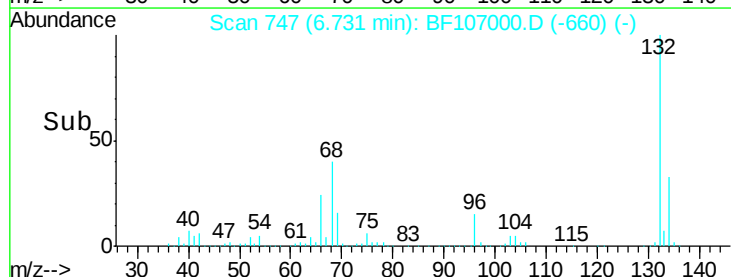
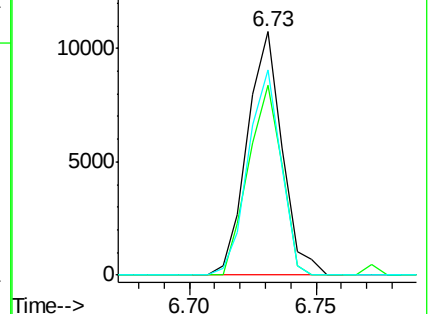
106 84.5 74.5 114.5

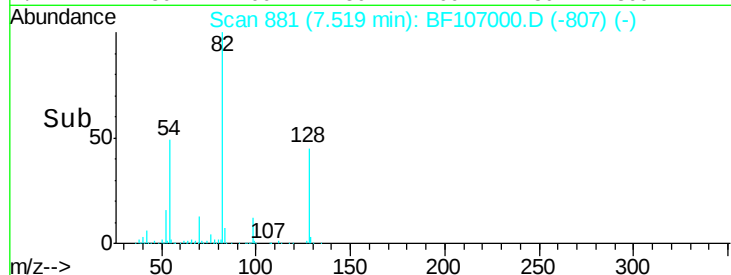
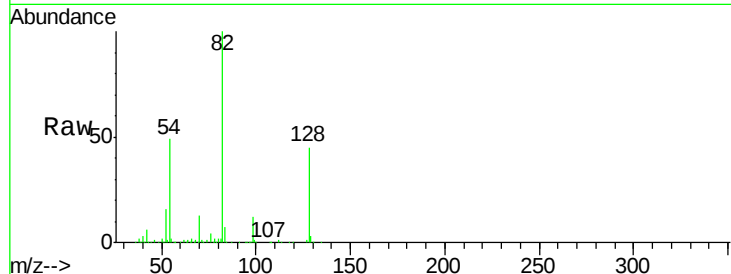


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

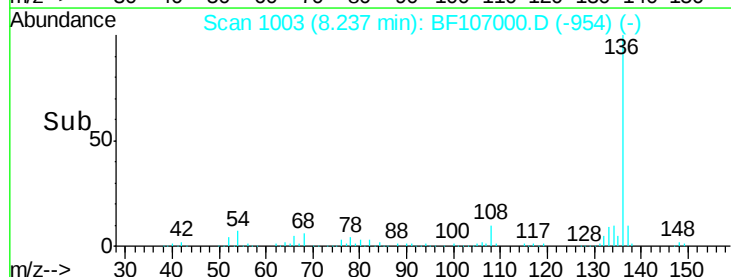
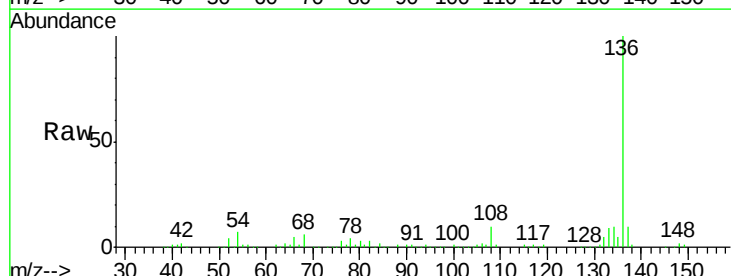
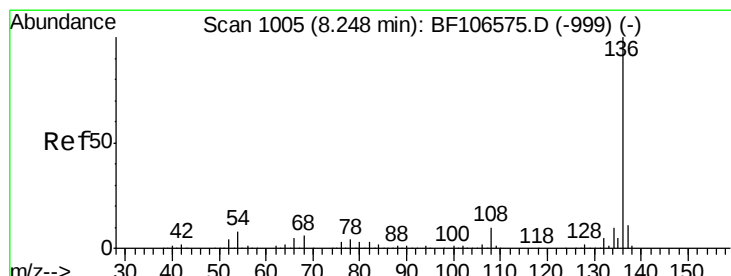
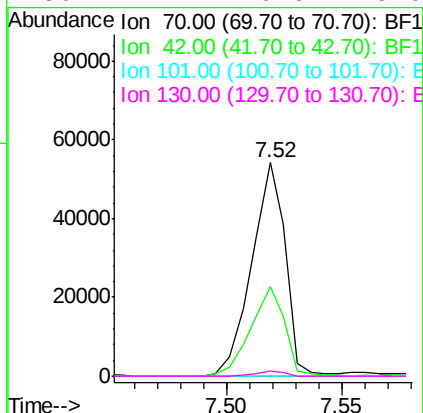




#19
n-Nitroso-di-n-propylamine
Concen: 16.026 ng
RT: 7.52 min Scan# 881
Delta R.T. 0.14 min
Lab File: BF107000.D
Acq: 30 Jun 2018 3:44

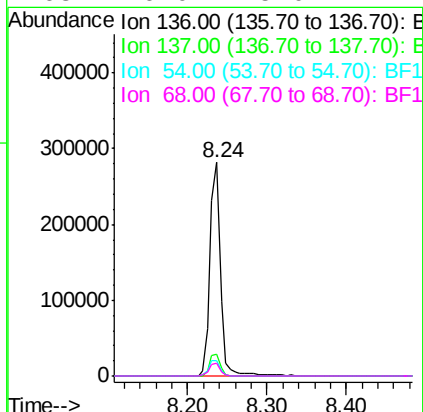
Instrument :
BNA_F
ClientSampleId :
W-17

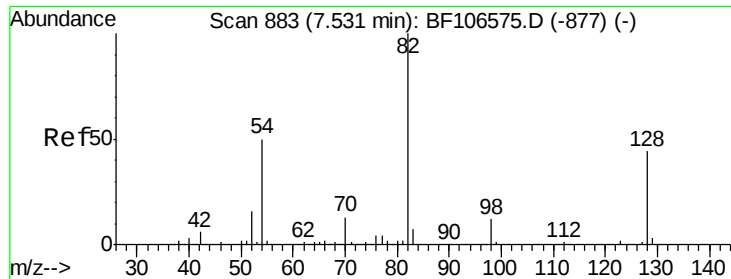
Tgt Ion:	70	Resp:	55358
Ion	Ratio	Lower	Upper
70	100		
42	41.9	47.5	71.3#
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF107000.D
Acq: 30 Jun 2018 3:44

Tgt Ion:	136	Resp:	260706
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	7.0	6.6	9.8
68	6.0	5.0	7.4

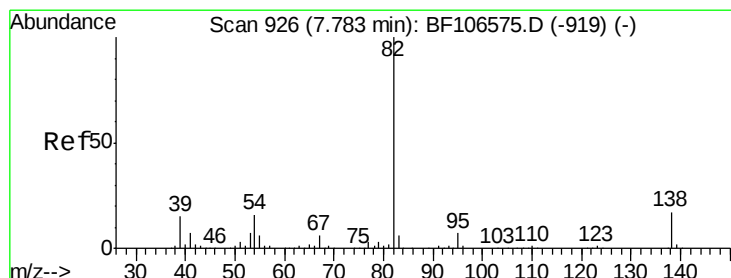
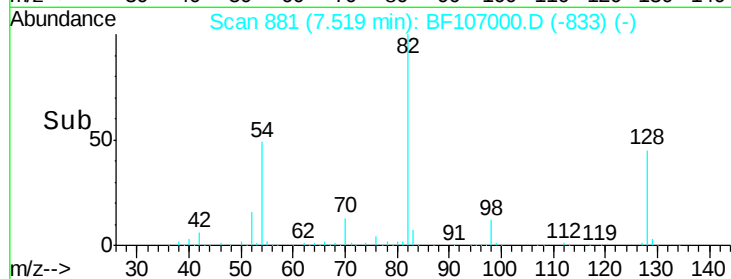
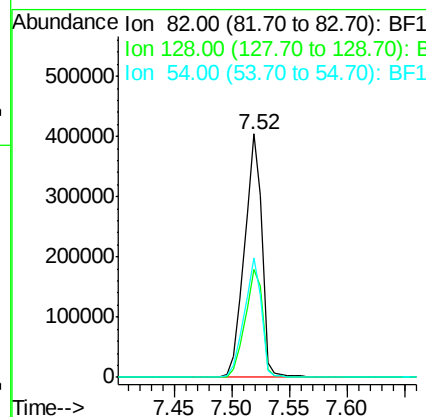
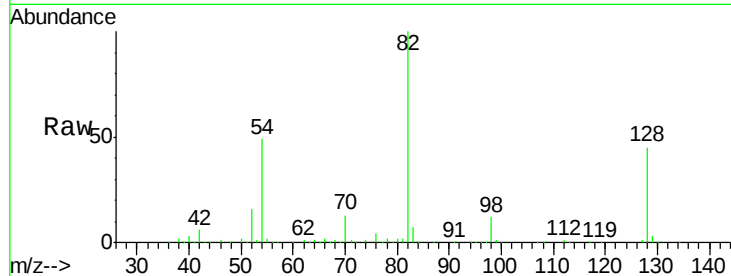




#23
 Nitrobenzene-d5
 Concen: 90.382 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF107000.D
 Acq: 30 Jun 2018 3:44

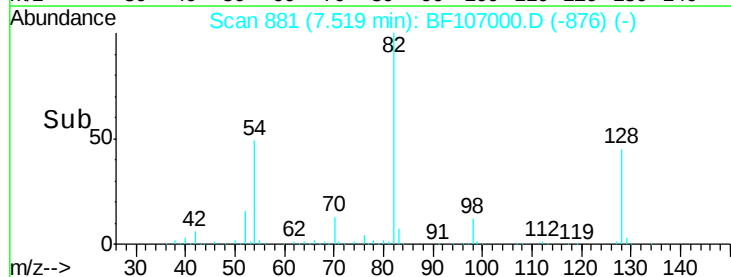
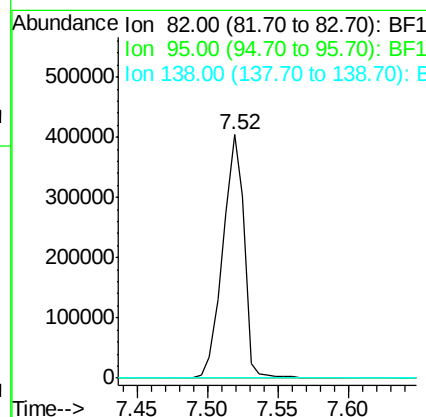
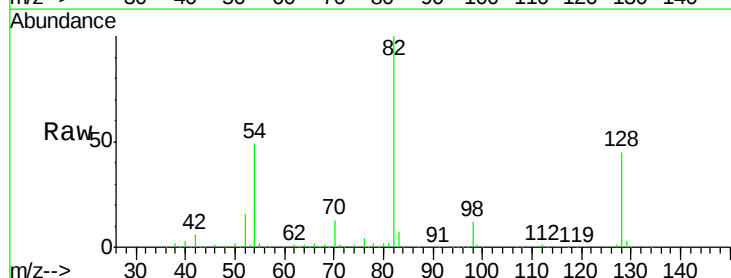
Instrument :
 BNA_F
 ClientSampled :
 W-17

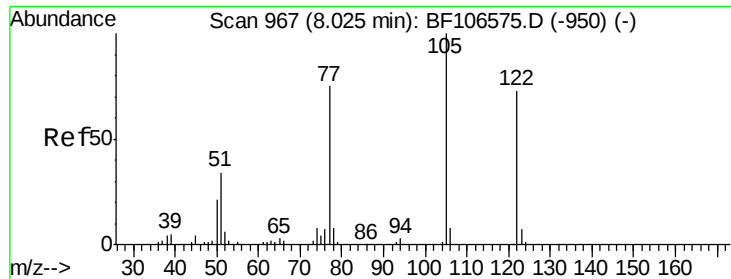
Tgt Ion: 82 Resp: 424001
 Ion Ratio Lower Upper
 82 100
 128 44.6 36.1 54.1
 54 49.3 41.4 62.2



#25
 Isophorone
 Concen: 50.823 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.27 min
 Lab File: BF107000.D
 Acq: 30 Jun 2018 3:44

Tgt Ion: 82 Resp: 420132
 Ion Ratio Lower Upper
 82 100
 95 0.1 5.2 7.8#
 138 0.0 14.9 22.3#

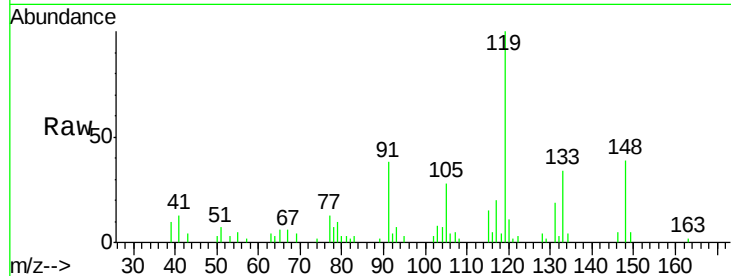




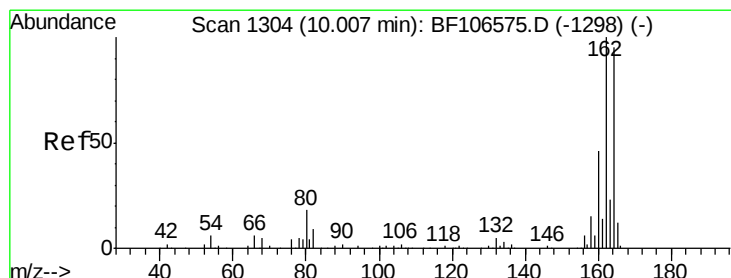
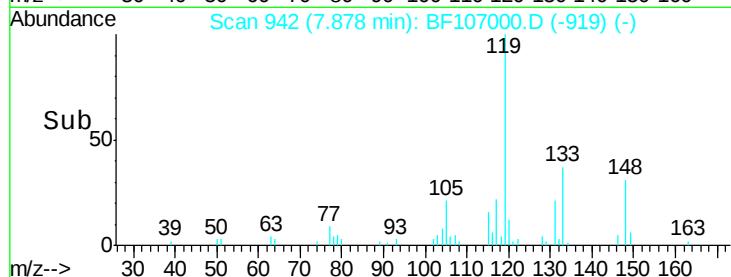
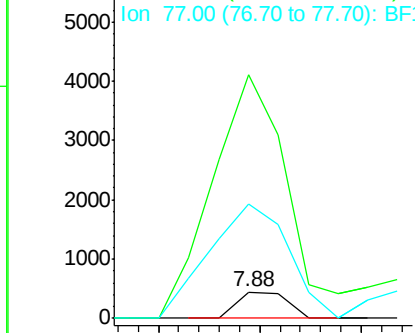
#32
Benzoic acid
Concen: 5.837 ng
RT: 7.88 min Scan# 942
Delta R.T. -0.16 min
Lab File: BF107000.D
Acq: 30 Jun 2018 3:44

Instrument :
BNA_F
ClientSampled :
W-17

Tgt Ion:122 Resp: 306
Ion Ratio Lower Upper
122 100
105 933.9 101.1 141.1#
77 438.4 70.7 110.7#

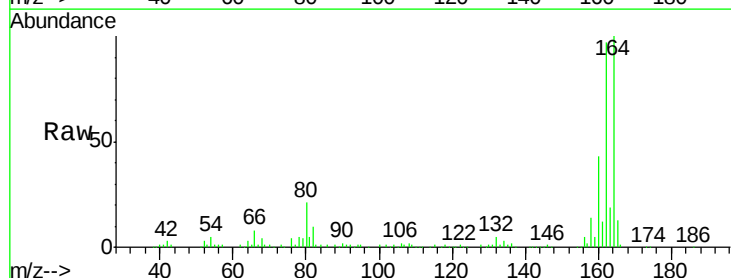


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

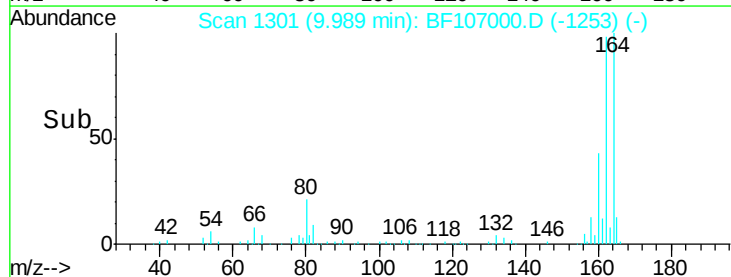
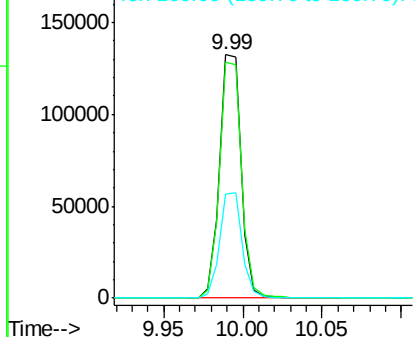


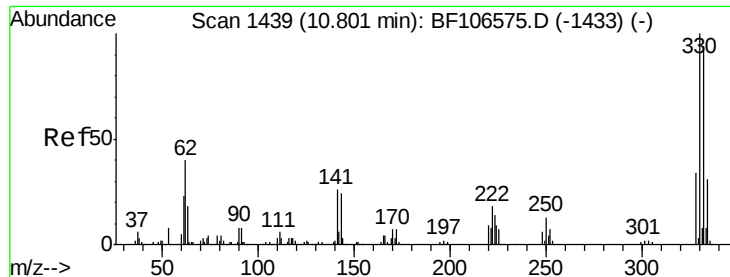
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF107000.D
Acq: 30 Jun 2018 3:44

Tgt Ion:164 Resp: 125328
Ion Ratio Lower Upper
164 100
162 96.8 86.1 129.1
160 42.8 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

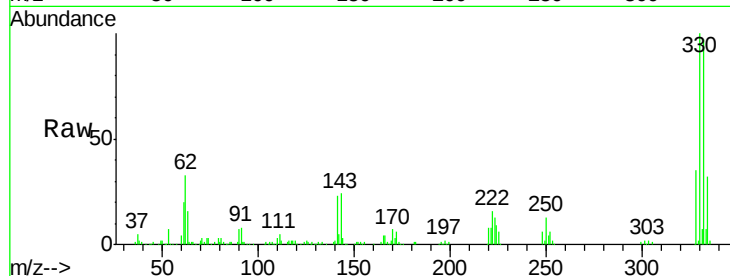




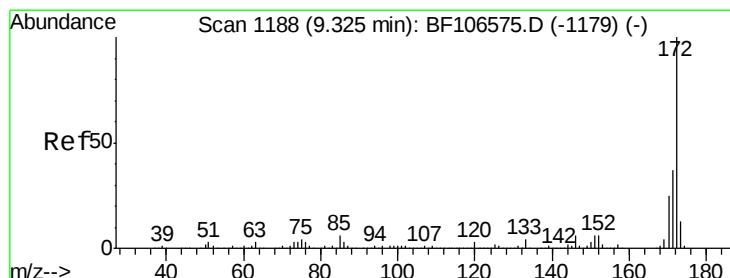
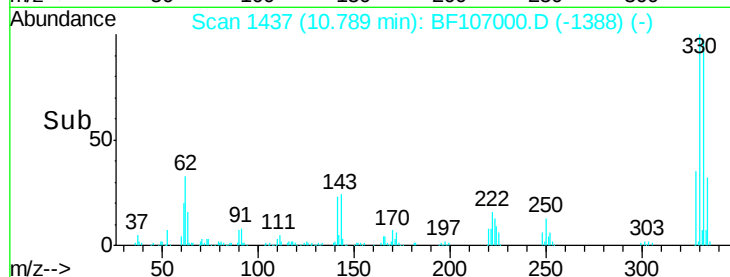
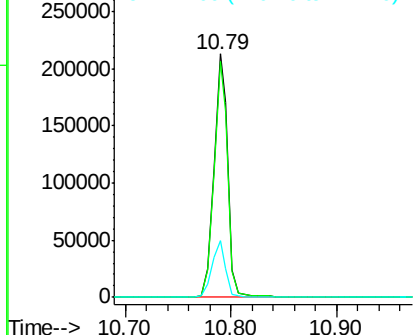
#41
 2,4,6-Tribromophenol
 Concen: 136.933 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF107000.D
 Acq: 30 Jun 2018 3:44

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:330 Resp: 198907
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 23.3 29.9 44.9#

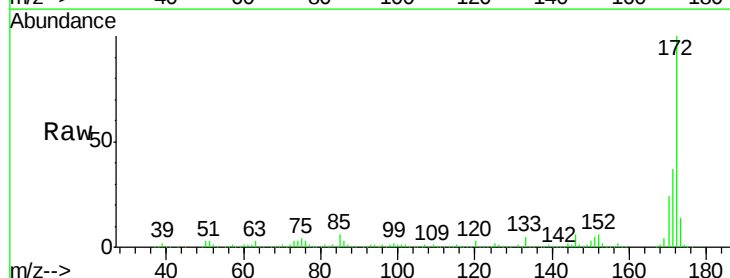


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

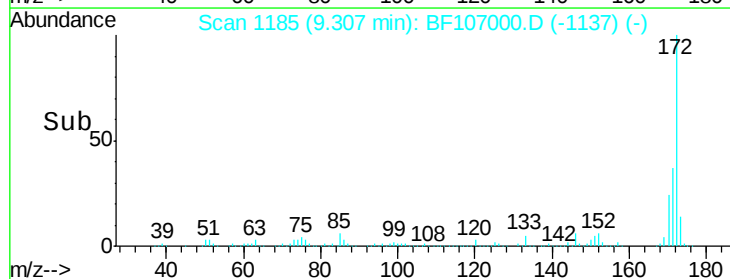
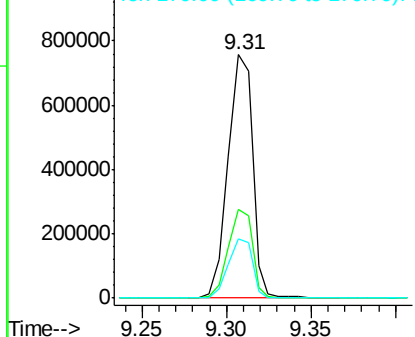


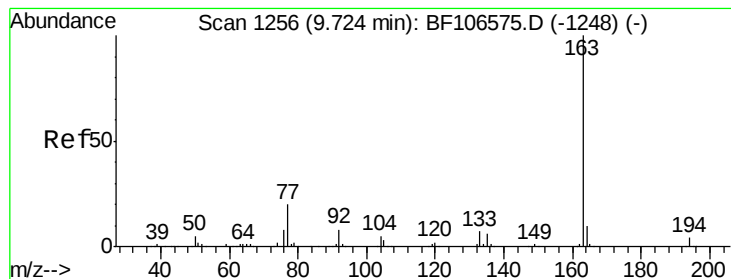
#44
 2-Fluorobiphenyl
 Concen: 107.680 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF107000.D
 Acq: 30 Jun 2018 3:44

Tgt Ion:172 Resp: 768159
 Ion Ratio Lower Upper
 172 100
 171 36.6 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: 3.755 ng

RT: 9.70 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF107000.D

Acq: 30 Jun 2018 3:44

Instrument :

BNA_F

ClientSampleId :

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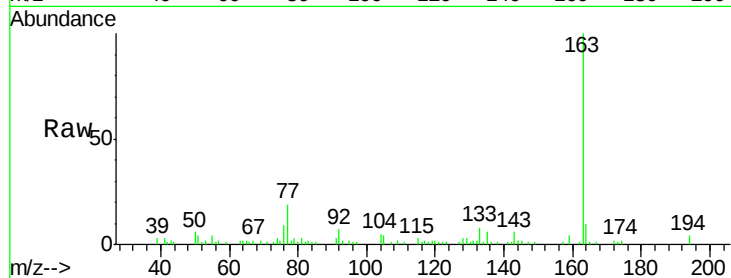
Tgt Ion:163 Resp: 35297

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

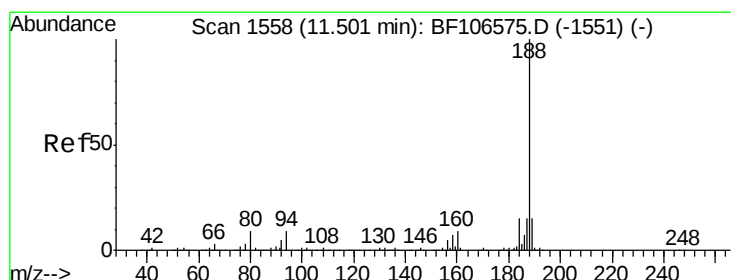
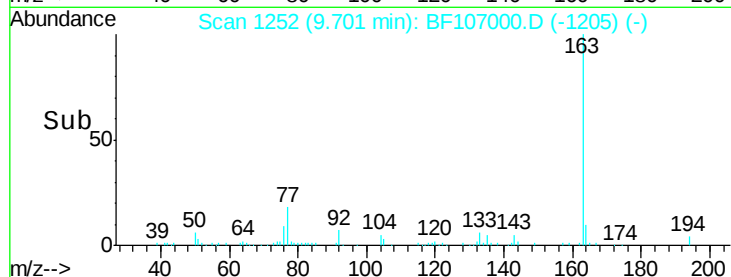
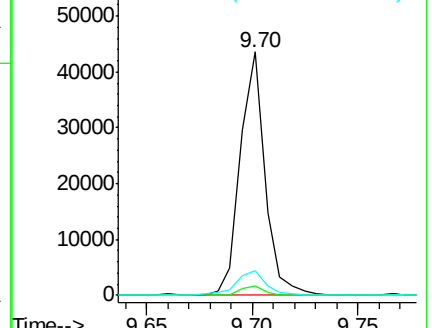
164 10.1 8.2 12.2



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1555

Delta R.T. -0.02 min

Lab File: BF107000.D

Acq: 30 Jun 2018 3:44

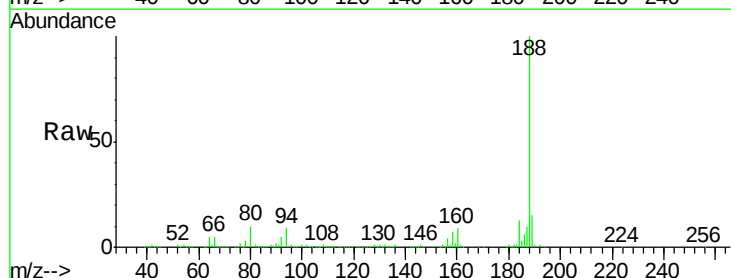
Tgt Ion:188 Resp: 217318

Ion Ratio Lower Upper

188 100

94 8.8 8.5 12.7

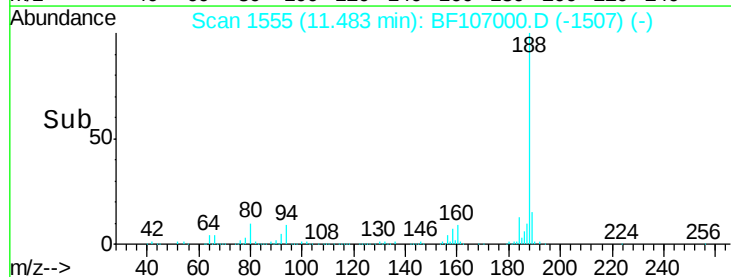
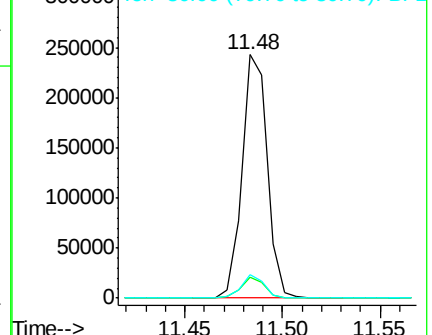
80 9.6 9.2 13.8



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

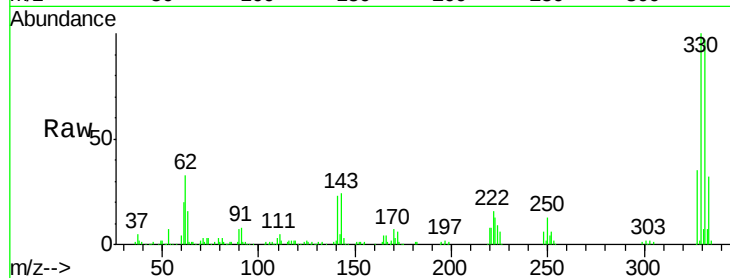




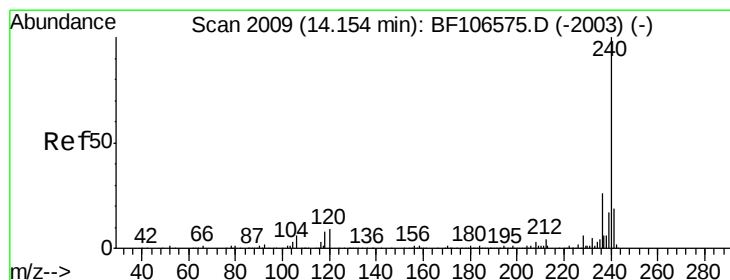
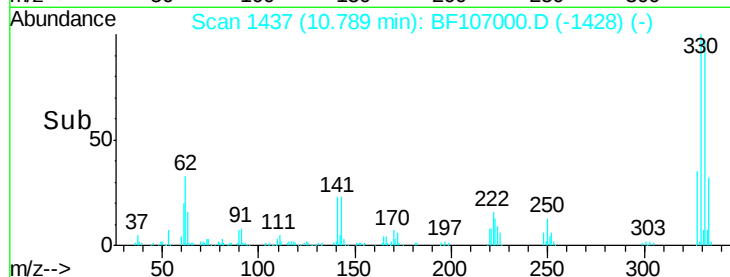
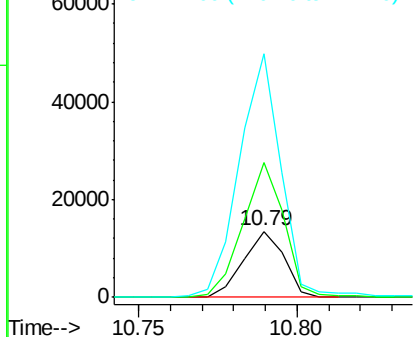
#66
 4-Bromophenyl-phenylether
 Concen: 4.652 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.25 min
 Lab File: BF107000.D
 Acq: 30 Jun 2018 3:44

Instrument :
 BNA_F
 ClientSampleId :
 W-17

Tgt Ion:248 Resp: 12065
 Ion Ratio Lower Upper
 248 100
 250 204.2 76.9 115.3#
 141 369.1 74.4 111.6#

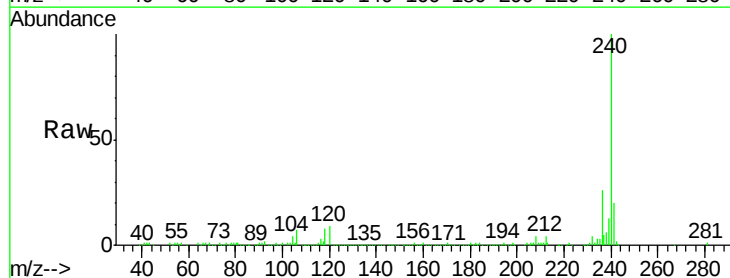


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

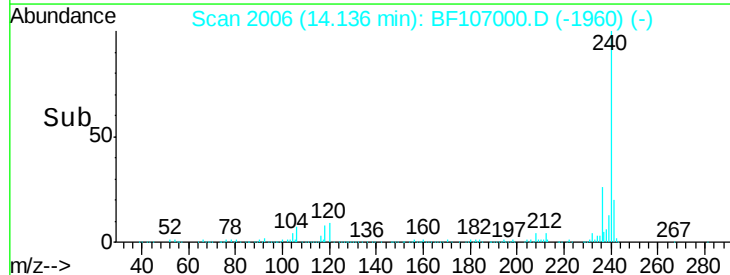
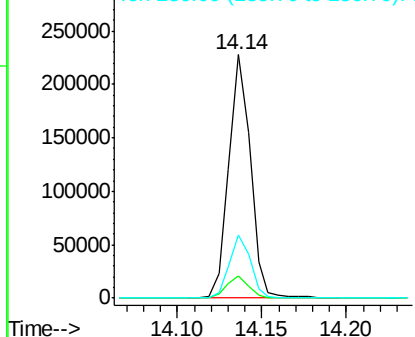


#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2006
 Delta R.T. -0.03 min
 Lab File: BF107000.D
 Acq: 30 Jun 2018 3:44

Tgt Ion:240 Resp: 203125
 Ion Ratio Lower Upper
 240 100
 120 9.1 9.5 14.3#
 236 25.9 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

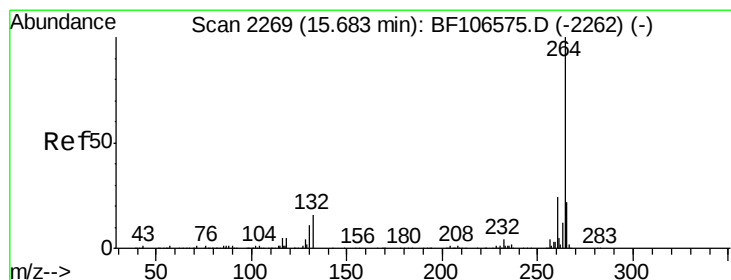
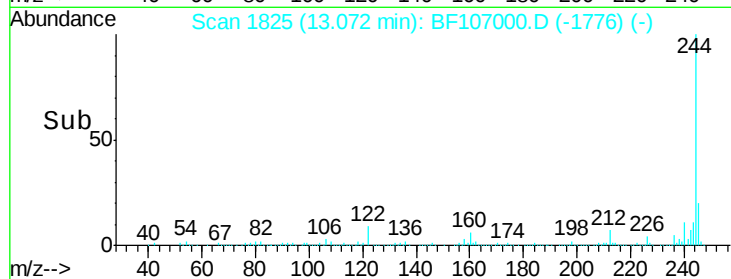
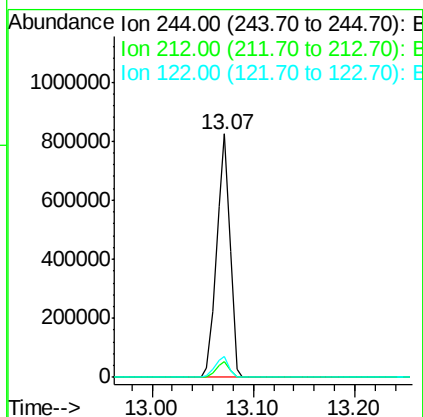
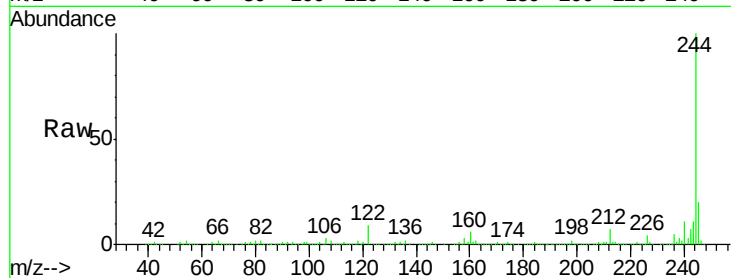




#78
 Terphenyl-d14
 Concen: 89.851 ng
 RT: 13.07 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF107000.D
 Acq: 30 Jun 2018 3:44

Instrument :
 BNA_F
 ClientSampleId :
 W-17

Tgt Ion:244 Resp: 753460
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 8.6 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2267
 Delta R.T. -0.05 min
 Lab File: BF107000.D
 Acq: 30 Jun 2018 3:44

Tgt Ion:264 Resp: 163040
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.2 28.8
 265 21.6 17.5 26.3

