

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062918\
 Data File : BF106990.D
 Acq On : 29 Jun 2018 23:20
 Operator : JU/SJ
 Sample : J3705-05
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-39

Quant Time: Jun 30 01:49:28 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

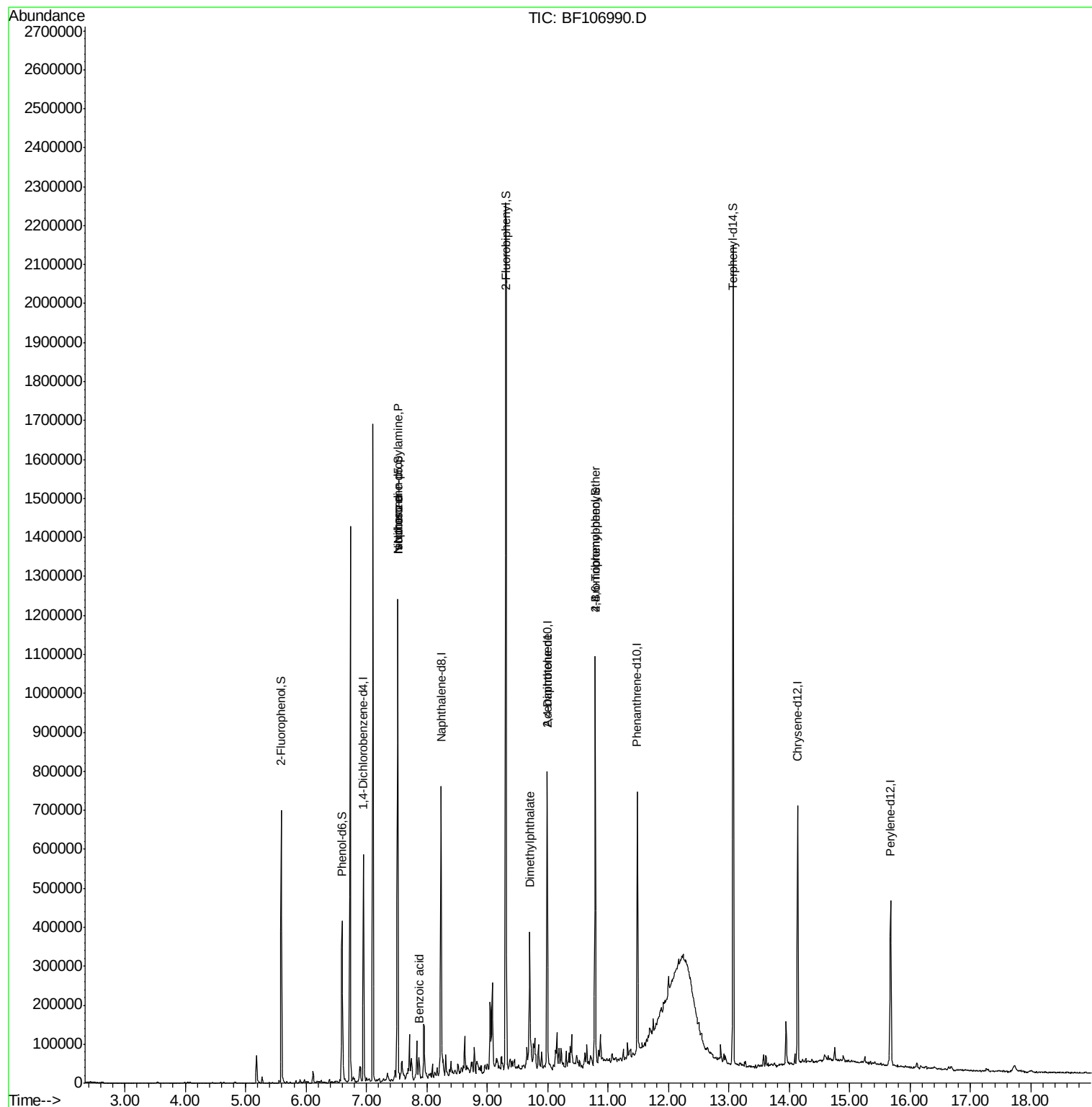
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	88962	20.00	ng	-0.01
21) Naphthalene-d8	8.24	136	325847	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	155186	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	265777	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	251778	20.00	ng	-0.03
86) Perylene-d12	15.68	264	209171	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	190303	36.22	ng	-0.01
7) Phenol-d6	6.60	99	164204	25.03	ng	-0.02
23) Nitrobenzene-d5	7.52	82	476192	81.22	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	146390	81.39	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	820519	90.44	ng	-0.02
78) Terphenyl-d14	13.07	244	806898	77.63	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	63106	14.592	ng	# 73
20) 3+4-Methylphenols	7.60	107	398	Below Cal		# 1
25) Isophorone	7.52	82	471003	45.587	ng	# 64
32) Benzoic acid	7.88	122	270	5.806	ng	82
49) Dimethylphthalate	9.70	163	89777	7.713	ng	98
56) 2,4-Dinitrotoluene	10.00	165	19914	6.190	ng	# 24
66) 4-Bromophenyl-phenylether	10.79	248	9850	3.105	ng	# 1

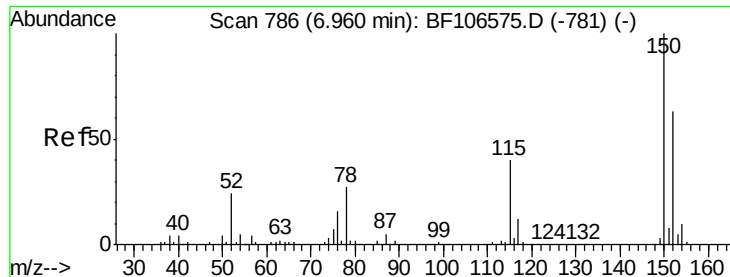
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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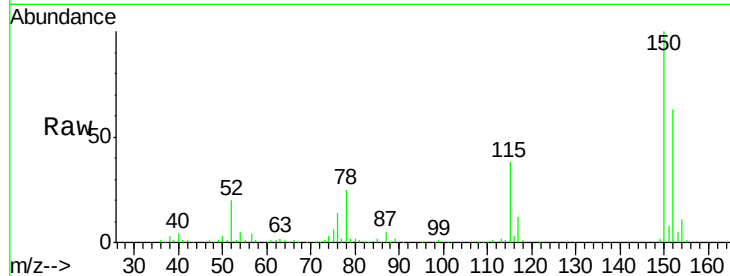


#1

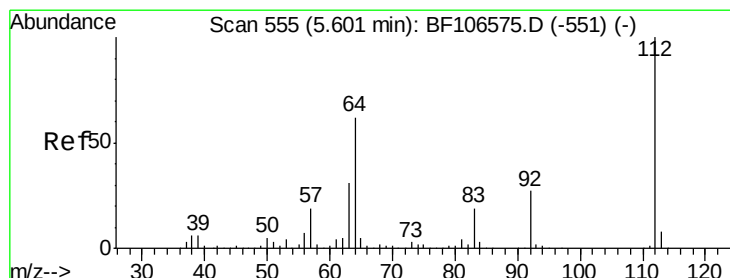
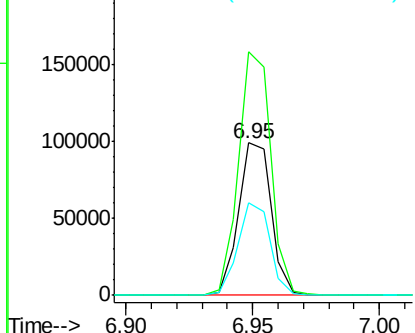
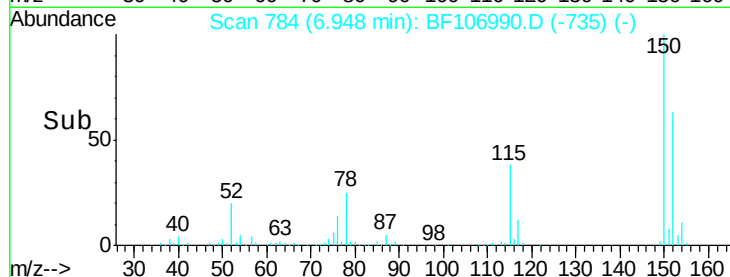
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF106990.D
Acq: 29 Jun 2018 23:20

Instrument :
BNA_F
ClientSampleId :
W-39

Tgt Ion:152 Resp: 88962
Ion Ratio Lower Upper
152 100
150 159.4 124.6 186.8
115 60.5 50.1 75.1



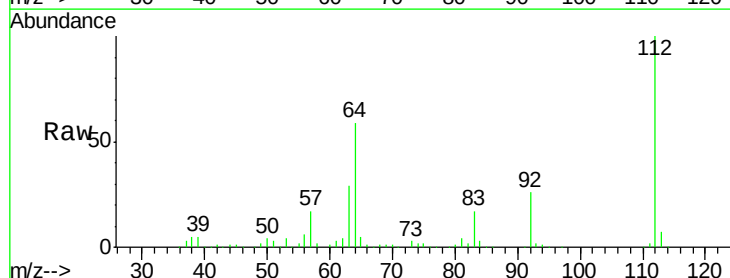
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



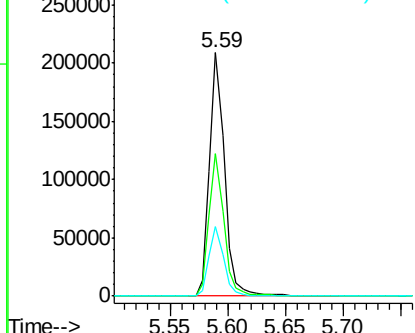
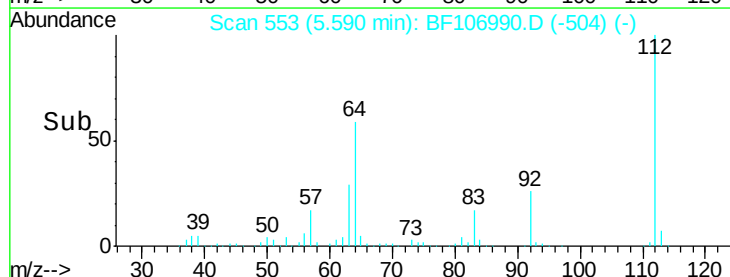
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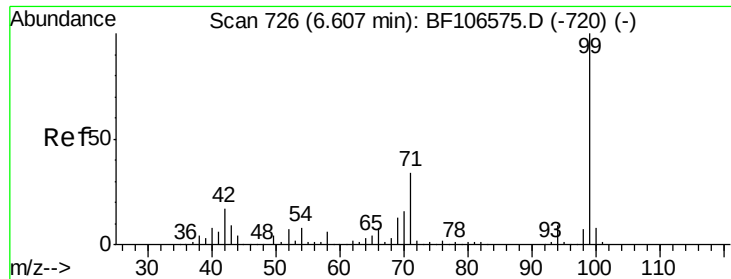
2-Fluorophenol
Concen: 36.223 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF106990.D
Acq: 29 Jun 2018 23:20

Tgt Ion:112 Resp: 190303
Ion Ratio Lower Upper
112 100
64 58.8 47.9 71.9
63 28.5 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: 25.028 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF106990.D

Acq: 29 Jun 2018 23:20

Instrument :

BNA_F

ClientSampleId :

W-39

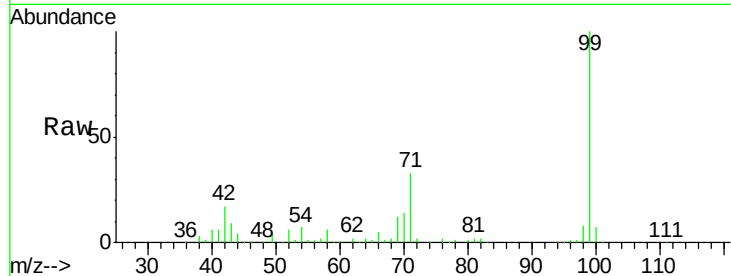
Tgt Ion: 99 Resp: 164204

Ion Ratio Lower Upper

99 100

42 16.8 14.5 21.7

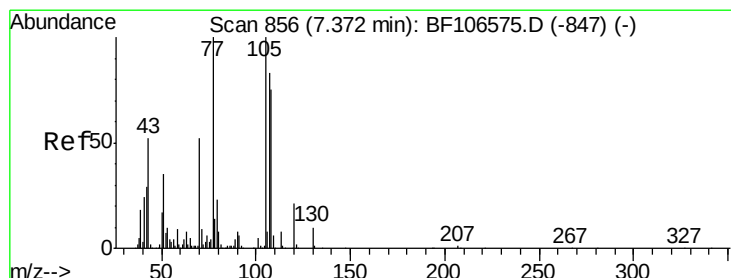
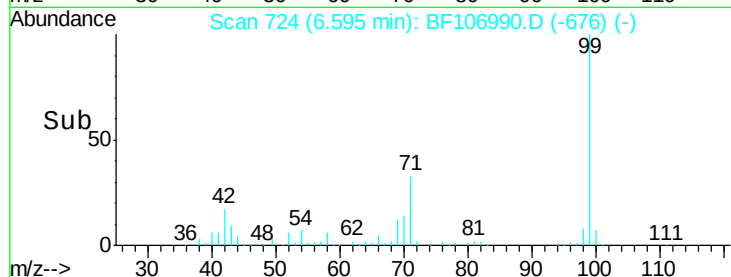
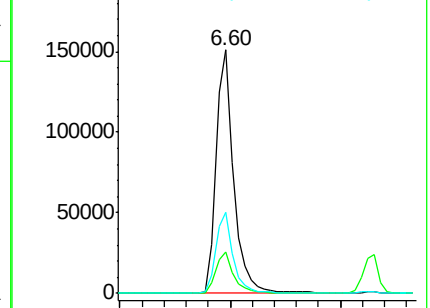
71 33.3 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.592 ng

RT: 7.52 min Scan# 881

Delta R.T. 0.14 min

Lab File: BF106990.D

Acq: 29 Jun 2018 23:20

Tgt Ion: 70 Resp: 63106

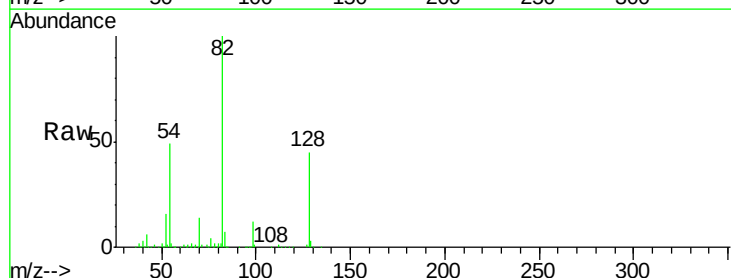
Ion Ratio Lower Upper

70 100

42 42.5 47.5 71.3#

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

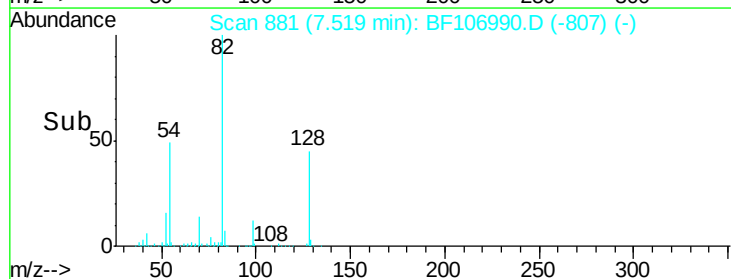
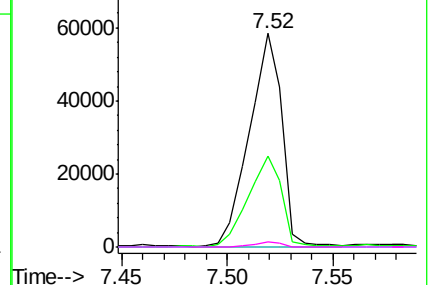


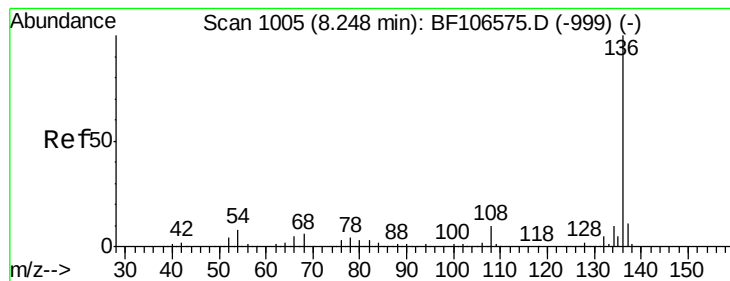
Abundance Ion 70.00 (69.70 to 70.70): BF1

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# 1003

Delta R.T. -0.01 min

Lab File: BF106990.D

Acq: 29 Jun 2018 23:20

Instrument :

BNA_F

ClientSampled :

W-39

Tgt Ion:136 Resp: 325847

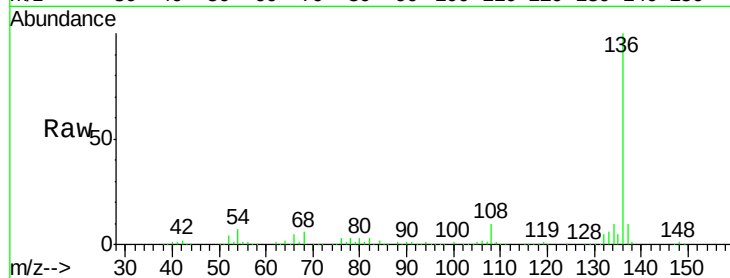
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 6.9 6.6 9.8

68 5.7 5.0 7.4

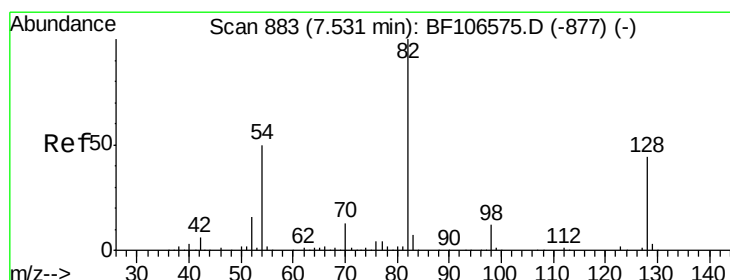
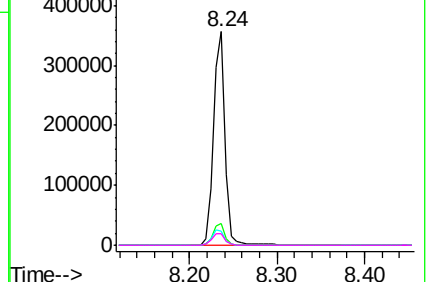
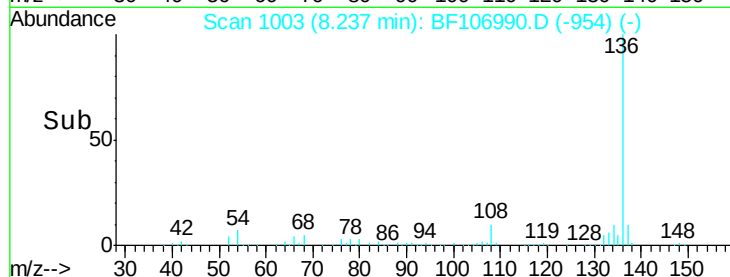


Abundance Ion 136.00 (135.70 to 136.70): E

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: 81.215 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.02 min

Lab File: BF106990.D

Acq: 29 Jun 2018 23:20

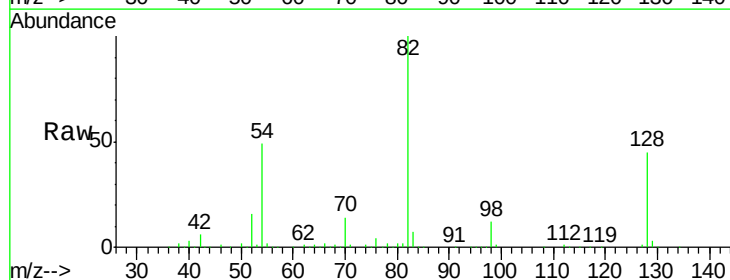
Tgt Ion: 82 Resp: 476192

Ion Ratio Lower Upper

82 100

128 45.1 36.1 54.1

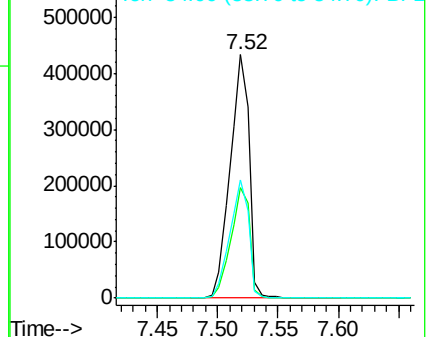
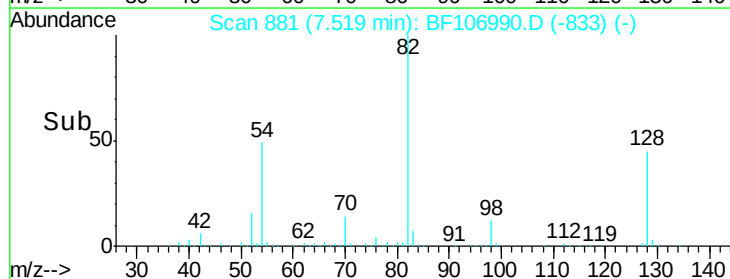
54 48.6 41.4 62.2

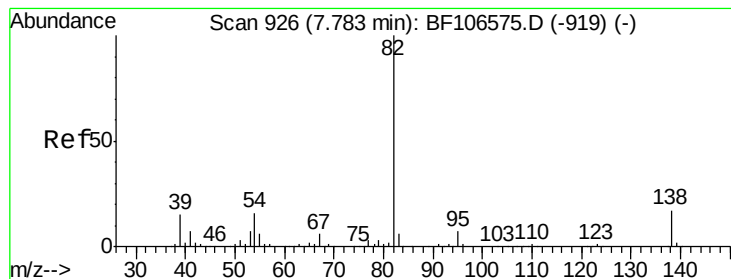


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 45.587 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.27 min

Lab File: BF106990.D

Acq: 29 Jun 2018 23:20

Instrument :

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ClientSampleId :

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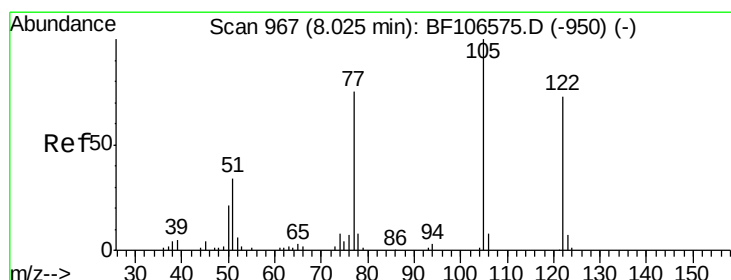
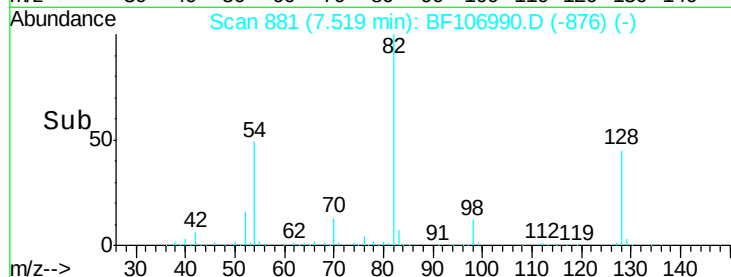
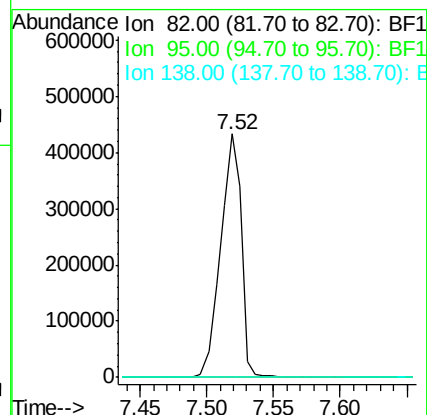
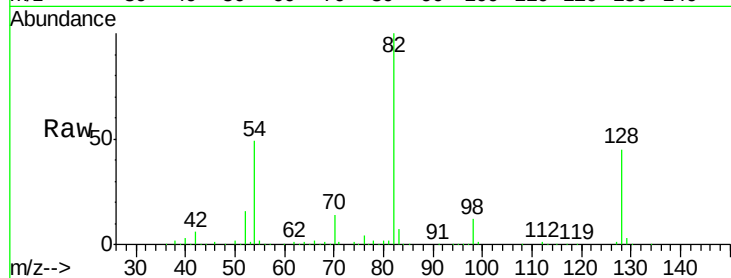
Tgt Ion: 82 Resp: 471003

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

138 0.0 14.9 22.3#



#32

Benzoic acid

Concen: 5.806 ng

RT: 7.88 min Scan# 943

Delta R.T. -0.16 min

Lab File: BF106990.D

Acq: 29 Jun 2018 23:20

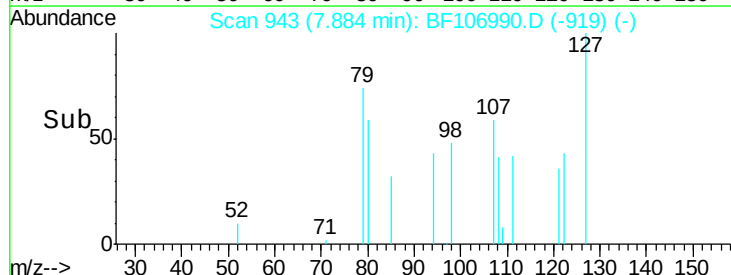
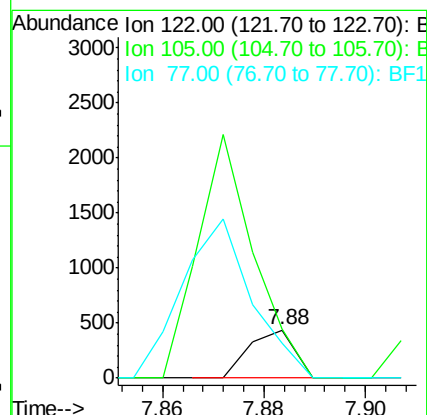
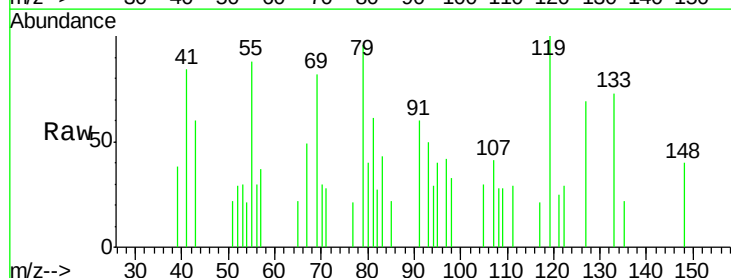
Tgt Ion: 122 Resp: 270

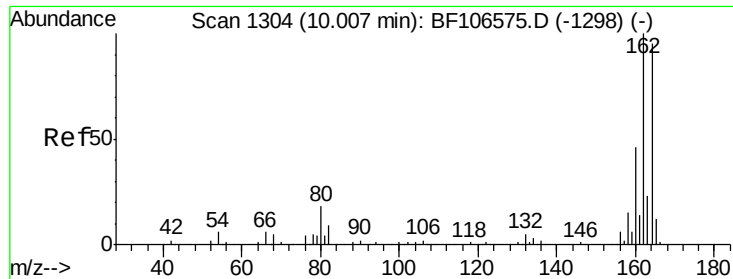
Ion Ratio Lower Upper

122 100

105 101.1 101.1 141.1

77 73.0 70.7 110.7

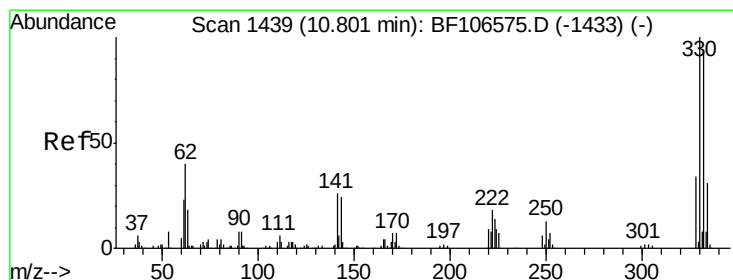
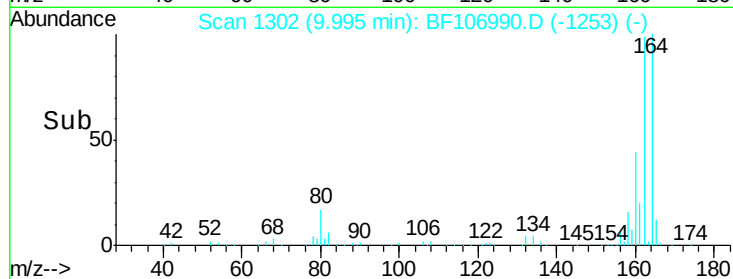
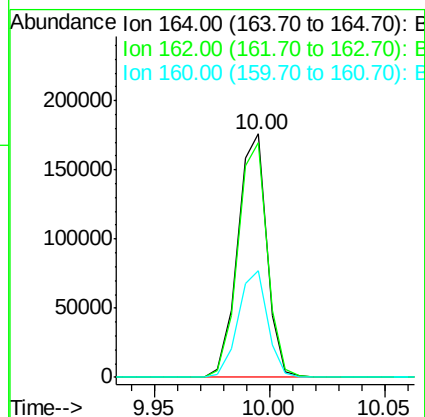
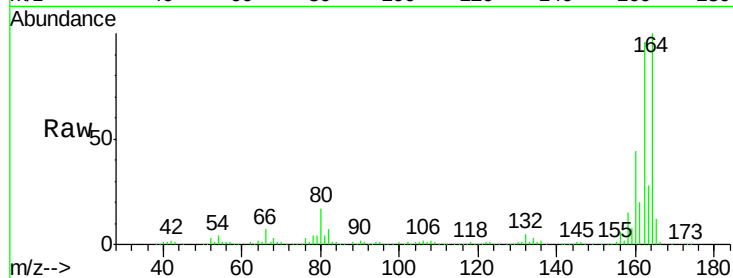




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF106990.D
 Acq: 29 Jun 2018 23:20

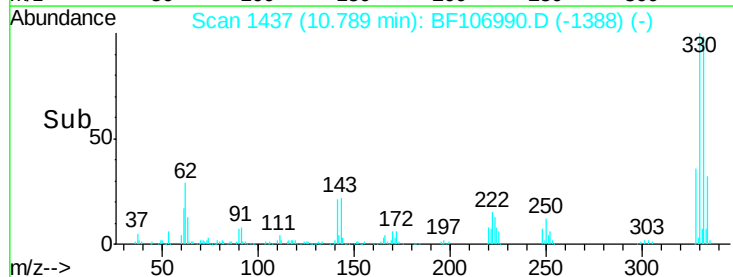
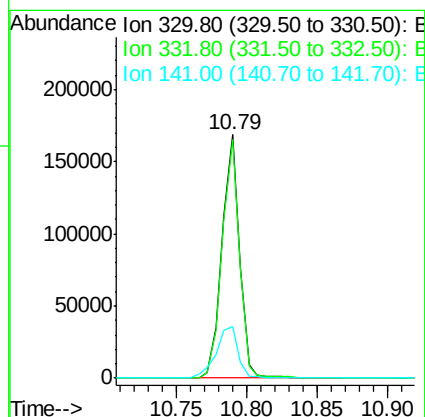
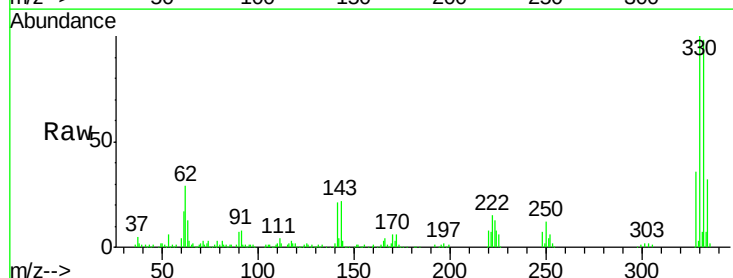
Instrument :
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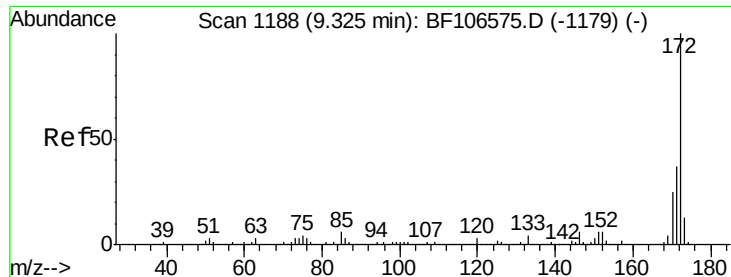
Tgt Ion:164 Resp: 155186
 Ion Ratio Lower Upper
 164 100
 162 96.2 86.1 129.1
 160 43.6 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 81.389 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF106990.D
 Acq: 29 Jun 2018 23:20

Tgt Ion:330 Resp: 146390
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.0 115.6
 141 27.2 29.9 44.9#

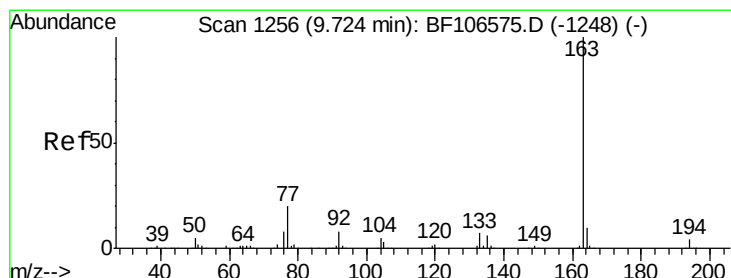
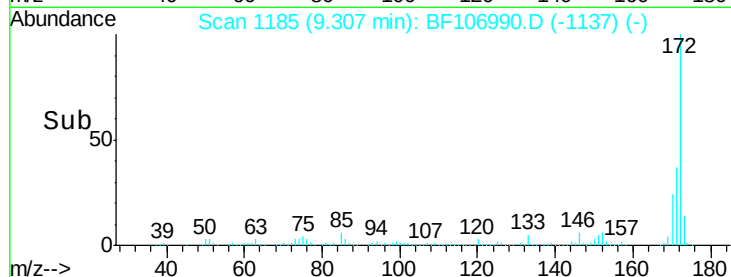
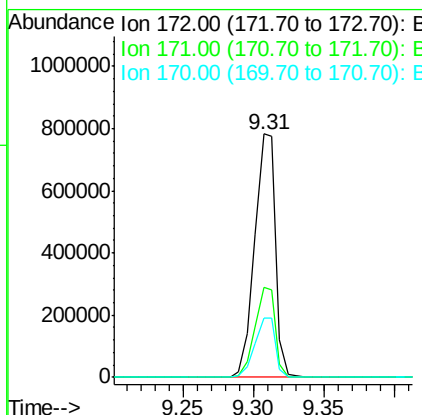
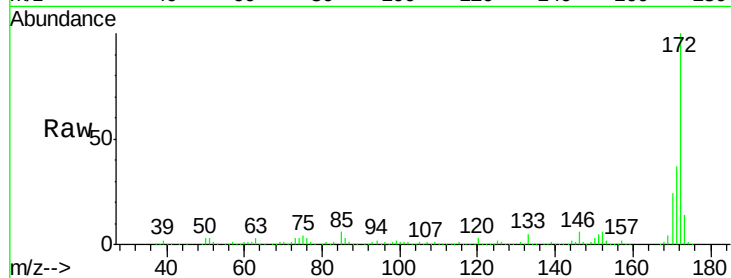




#44
2-Fluorobiphenyl
Concen: 90.438 ng
RT: 9.31 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF106990.D
Acq: 29 Jun 2018 23:20

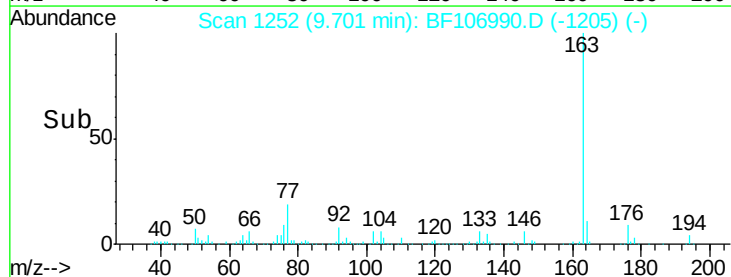
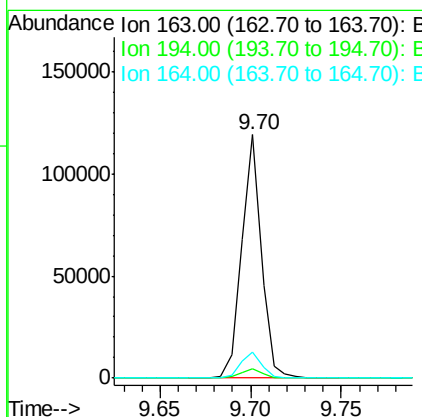
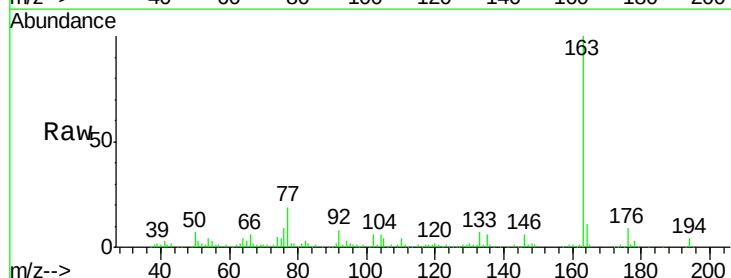
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BNA_F
ClientSampled :
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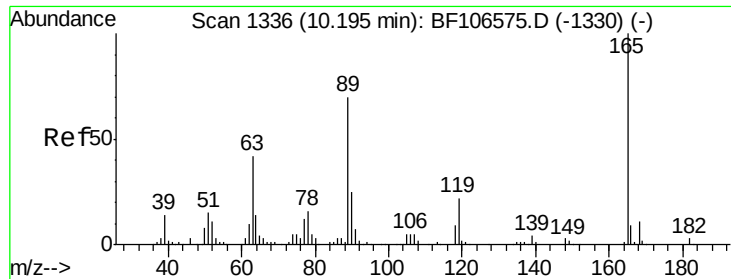
Tgt Ion:172 Resp: 820519
Ion Ratio Lower Upper
172 100
171 37.1 29.7 44.5
170 24.3 19.6 29.4



#49
Dimethylphthalate
Concen: 7.713 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF106990.D
Acq: 29 Jun 2018 23:20

Tgt Ion:163 Resp: 89777
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.8 8.2 12.2

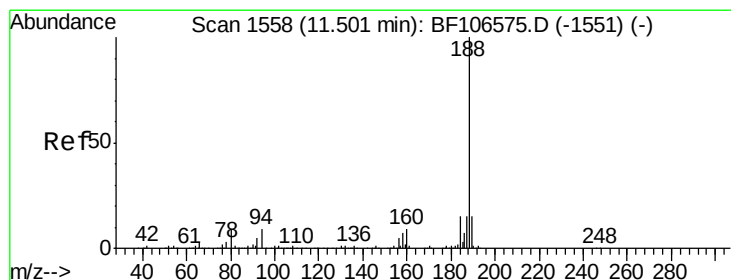
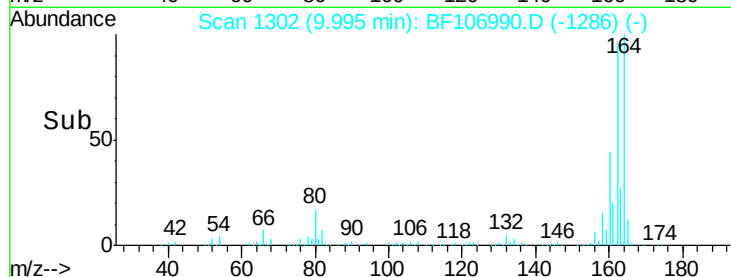
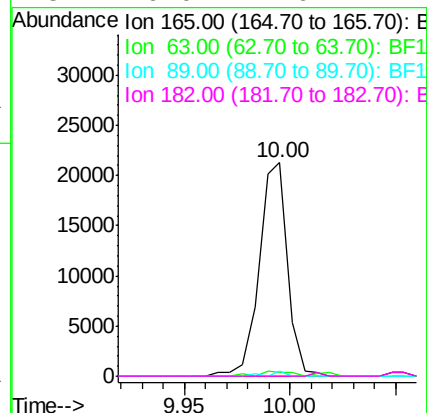
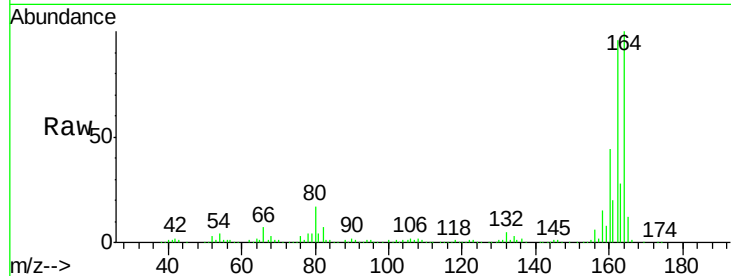




#56
2,4-Dinitrotoluene
Concen: 6.190 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.21 min
Lab File: BF106990.D
Acq: 29 Jun 2018 23:20

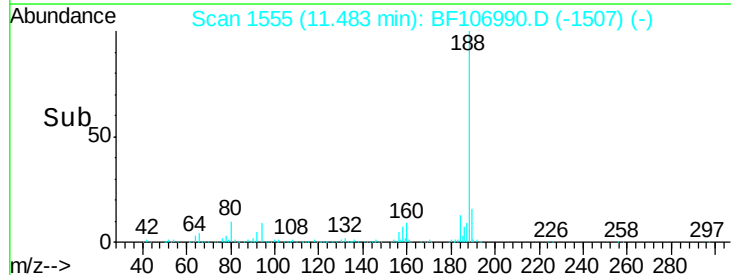
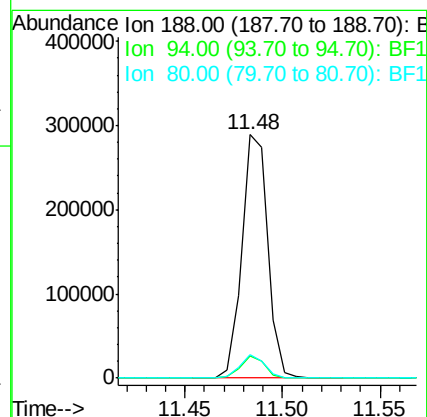
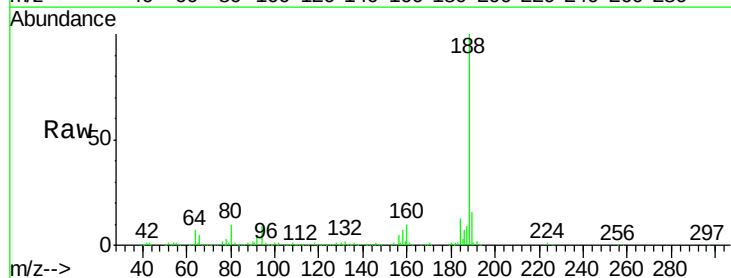
Instrument :
BNA_F
ClientSampleId :
W-39

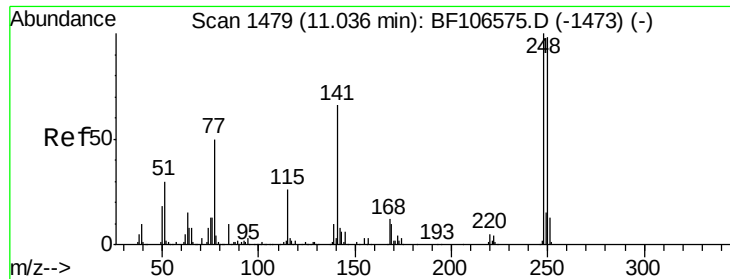
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	36.4	54.6#
89	2.2	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF106990.D
Acq: 29 Jun 2018 23:20

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.5	12.7
80	9.6	9.2	13.8

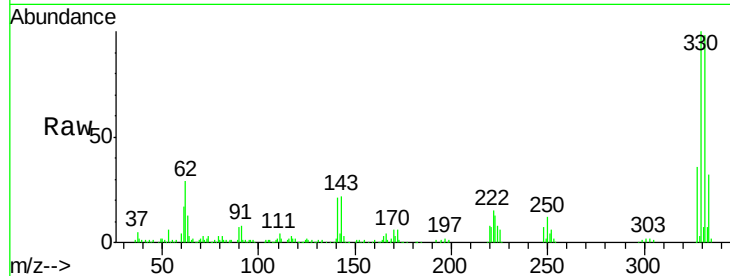




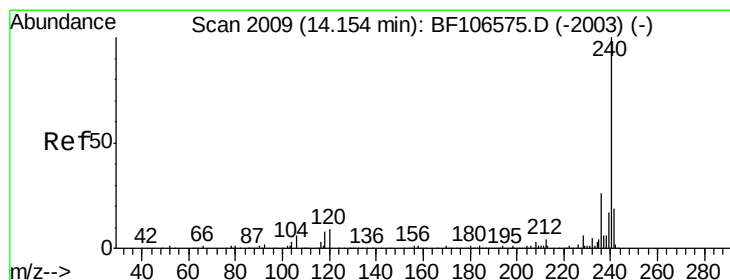
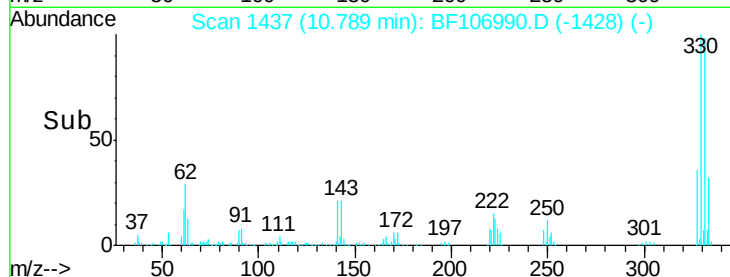
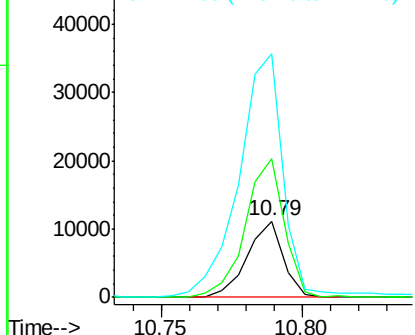
#66
 4-Bromophenyl-phenylether
 Concen: 3.105 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.25 min
 Lab File: BF106990.D
 Acq: 29 Jun 2018 23:20

Instrument :
 BNA_F
 ClientSampled :
 W-39

Tgt Ion: 248 Resp: 9850
 Ion Ratio Lower Upper
 248 100
 250 182.1 76.9 115.3#
 141 318.4 74.4 111.6#

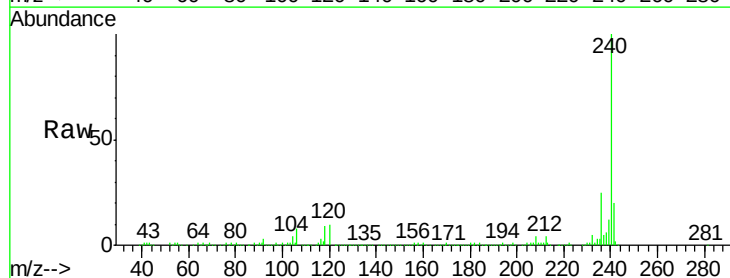


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

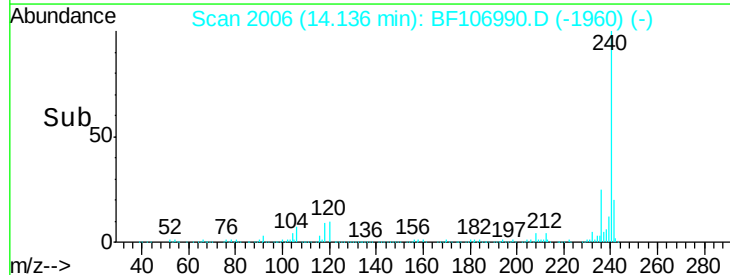
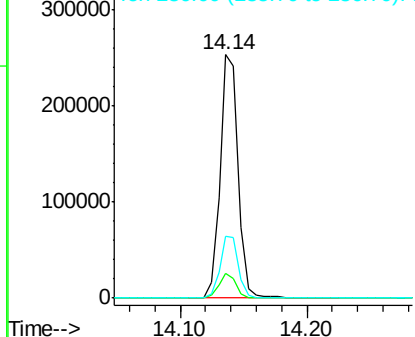


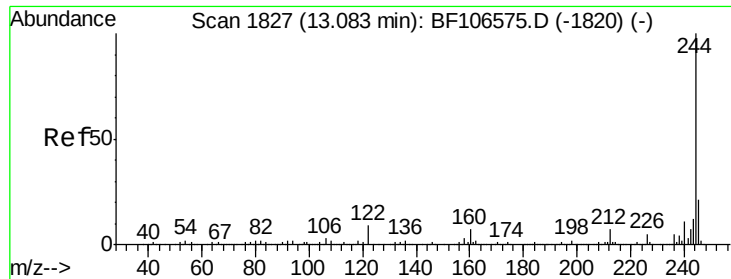
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2006
 Delta R.T. -0.03 min
 Lab File: BF106990.D
 Acq: 29 Jun 2018 23:20

Tgt Ion: 240 Resp: 251778
 Ion Ratio Lower Upper
 240 100
 120 10.1 9.5 14.3
 236 25.1 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

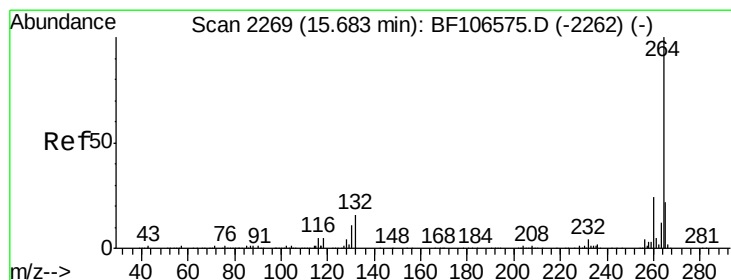
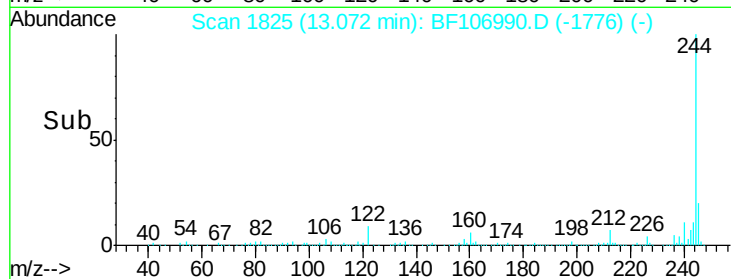
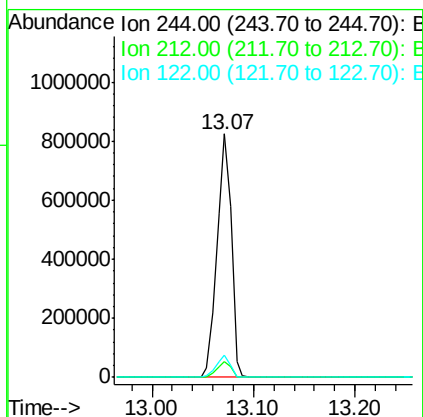
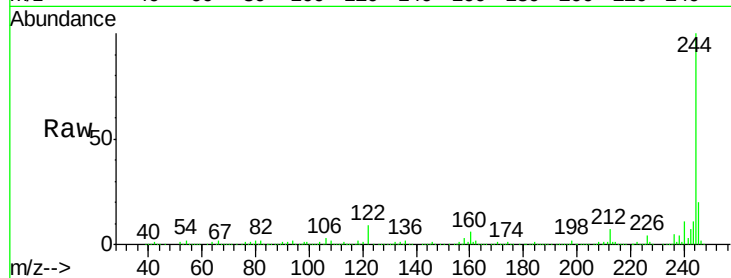




#78
 Terphenyl-d14
 Concen: 77.630 ng
 RT: 13.07 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF106990.D
 Acq: 29 Jun 2018 23:20

Instrument :
 BNA_F
 ClientSampleId :
 W-39

Tgt Ion:244 Resp: 806898
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 9.1 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: BF106990.D
 Acq: 29 Jun 2018 23:20

Tgt Ion:264 Resp: 209171
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 22.0 17.5 26.3

