

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062618\
 Data File : BF106838.D
 Acq On : 26 Jun 2018 22:05
 Operator : JU/SJ
 Sample : J3534-02RE
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Quant Time: Jun 27 01:11:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	47663	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	161612	20.00	ng	0.02
38) Acenaphthene-d10	10.01	164	72686	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	132114	20.00	ng	0.00
75) Chrysene-d12	14.16	240	123913	20.00	ng	0.00
86) Perylene-d12	15.71	264	85849	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.65	112	22335	7.93	ng	0.05
7) Phenol-d6	6.61	99	558497	158.89	ng	0.00
23) Nitrobenzene-d5	7.58	82	251797	86.59	ng	0.04
41) 2,4,6-Tribromophenol	10.80	330	66987	79.51	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	442400	106.80	ng	0.00
78) Terphenyl-d14	13.09	244	488458	95.49	ng	0.00

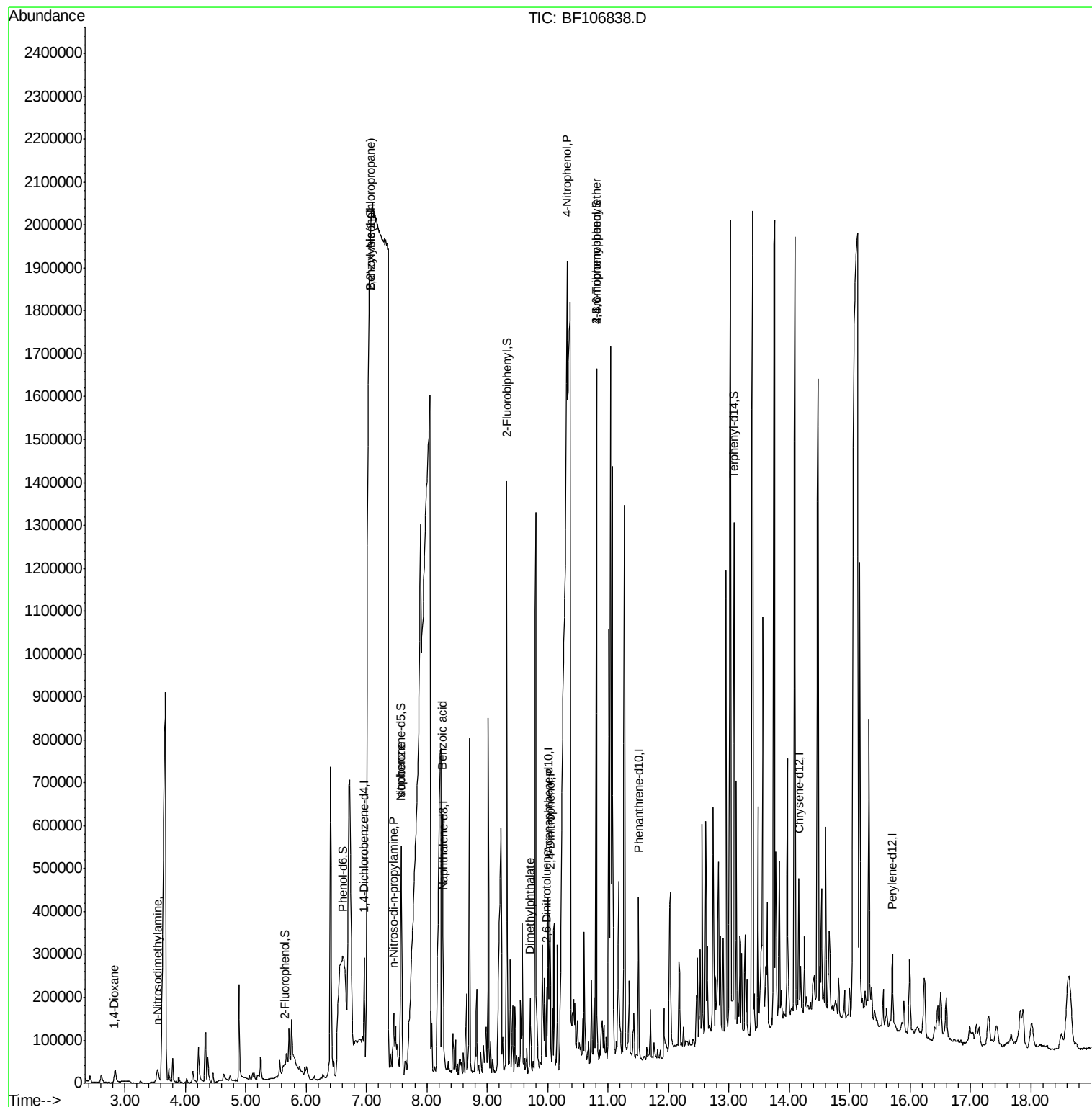
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.83	88	6764	4.674	ng	# 1
4) n-Nitrosodimethylamine	3.54	42	11416	6.849	ng	# 3
15) Benzyl Alcohol	7.07	79	7159	2.536	ng	# 37
16) 2,2'-oxybis(1-Chloropropan	7.06	45	27970	6.437	ng	# 81
19) n-Nitroso-di-n-propylamine	7.45	70	9507	4.103	ng	# 75
25) Isophorone	7.58	82	251797	49.136	ng	# 64
32) Benzoic acid	8.26	122	102184	62.835	ng	# 96
49) Dimethylphthalate	9.71	163	19846	3.640	ng	# 98
50) 2,6-Dinitrotoluene	9.98	165	2892	2.505	ng	# 43
53) 2,4-Dinitrophenol	10.03	184	119	5.538	ng	# 1
55) 4-Nitrophenol	10.32	139	8741	9.427	ng	# 86
66) 4-Bromophenyl-phenylether	10.80	248	4243	2.691	ng	# 1

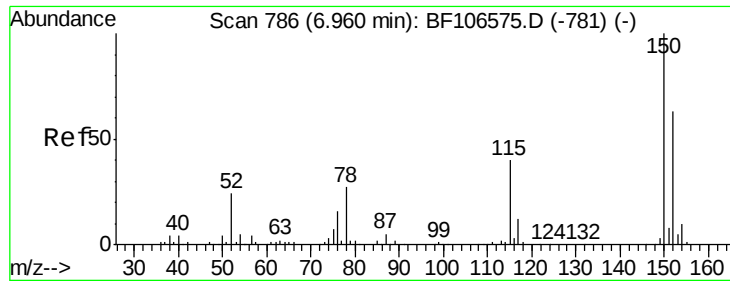
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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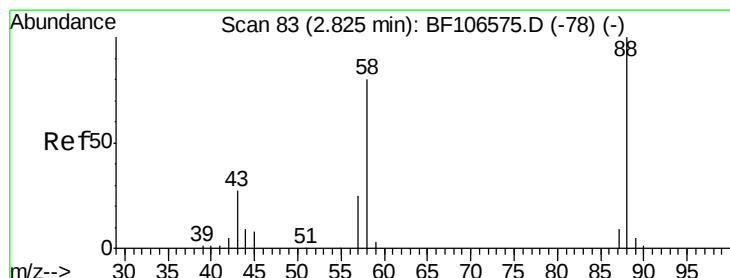
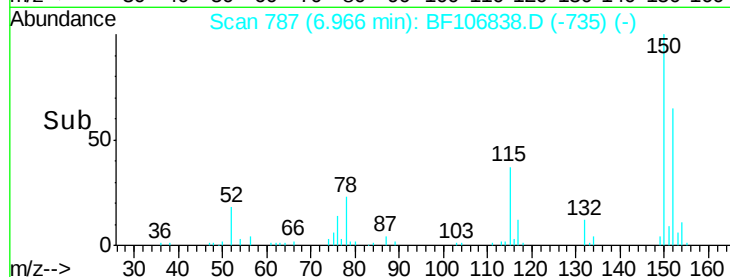
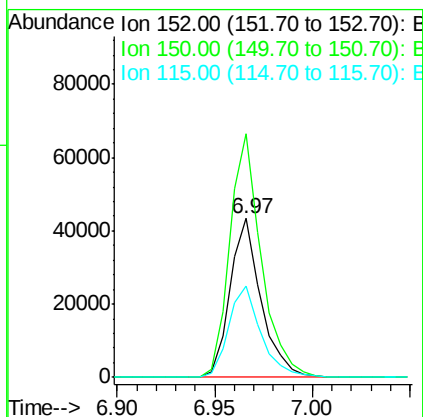
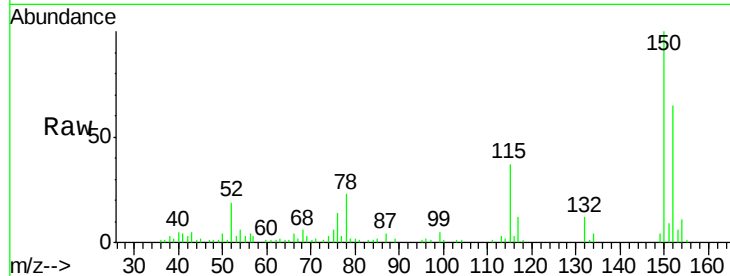


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.01 min
Lab File: BF106838.D
Acq: 26 Jun 2018 22:05

Instrument :
BNA_F
ClientSampleId :
EFF-WW

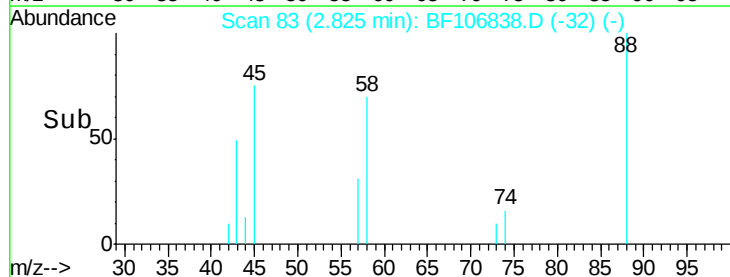
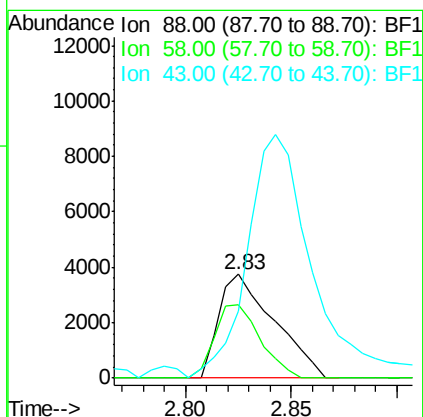
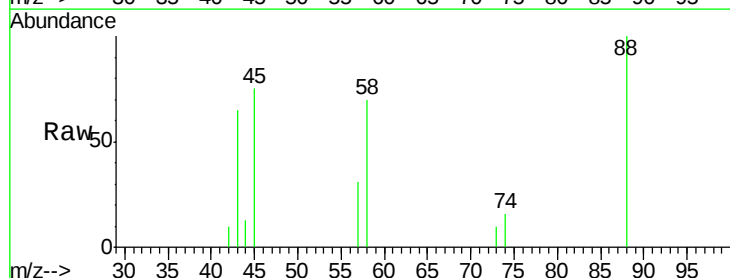
Tgt Ion: 152 Resp: 47663
Ion Ratio Lower Upper
152 100
150 153.4 124.6 186.8
115 57.3 50.1 75.1

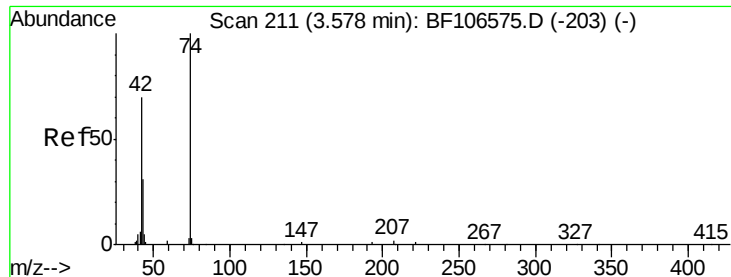


#2

1,4-Dioxane
Concen: 4.674 ng
RT: 2.83 min Scan# 83
Delta R.T. 0.00 min
Lab File: BF106838.D
Acq: 26 Jun 2018 22:05

Tgt Ion: 88 Resp: 6764
Ion Ratio Lower Upper
88 100
58 58.4 62.6 93.8#
43 280.5 24.6 37.0#





#4

n-Nitrosodimethylamine

Concen: 6.849 ng

RT: 3.54 min Scan# 205

Delta R.T. -0.05 min

Lab File: BF106838.D

Acq: 26 Jun 2018 22:05

Instrument :

BNA_F

ClientSampleId :

EFF-WW

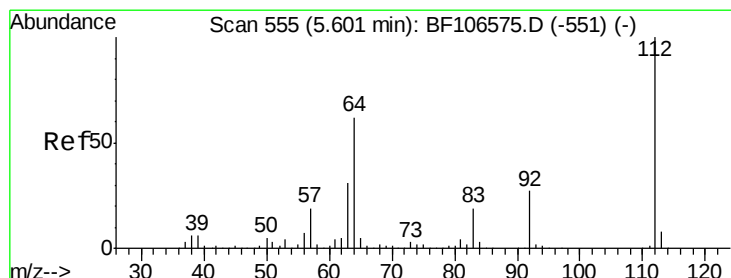
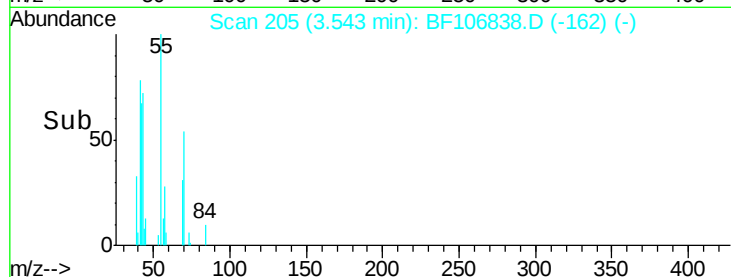
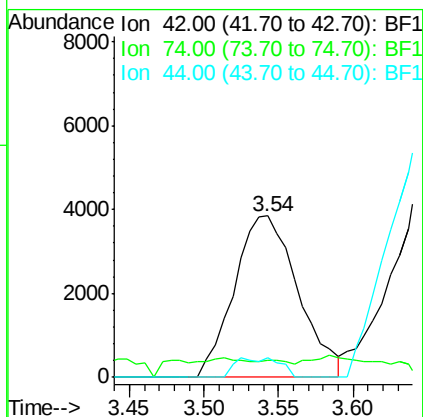
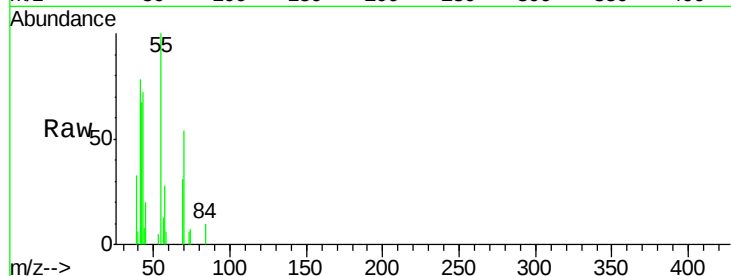
Tgt Ion: 42 Resp: 11416

Ion Ratio Lower Upper

42 100

74 10.6 104.9 157.3#

44 11.9 6.9 10.3#



#5

2-Fluorophenol

Concen: 7.935 ng

RT: 5.65 min Scan# 563

Delta R.T. 0.05 min

Lab File: BF106838.D

Acq: 26 Jun 2018 22:05

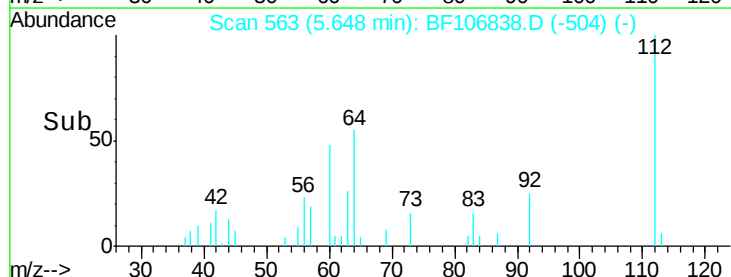
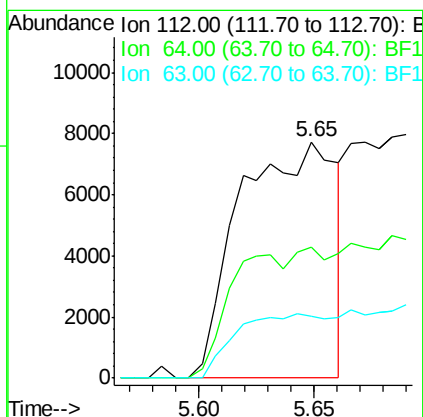
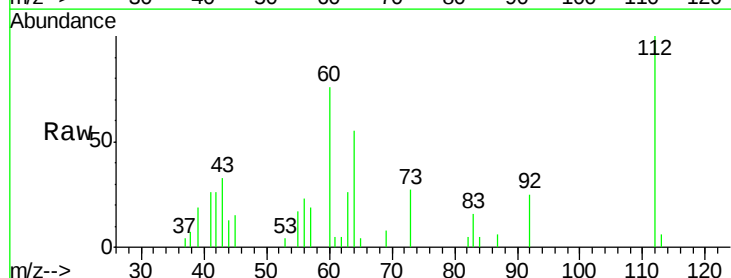
Tgt Ion: 112 Resp: 22335

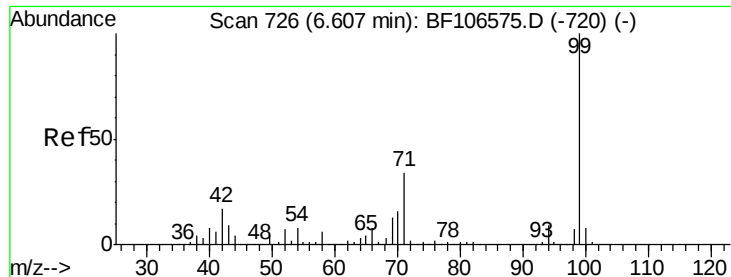
Ion Ratio Lower Upper

112 100

64 55.3 47.9 71.9

63 26.1 23.7 35.5





#7

Phenol-d6

Concen: 158.885 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF106838.D

Acq: 26 Jun 2018 22:05

Instrument :

BNA_F

ClientSampleId :

EFF-WW

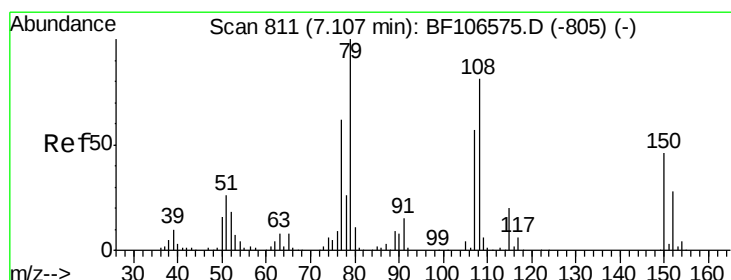
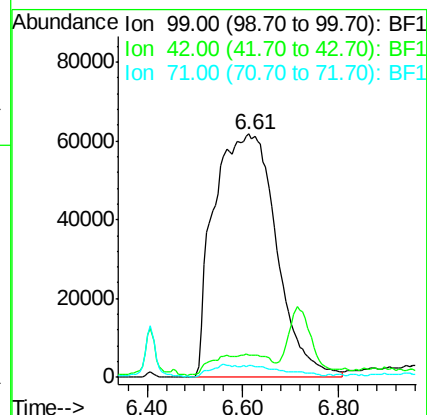
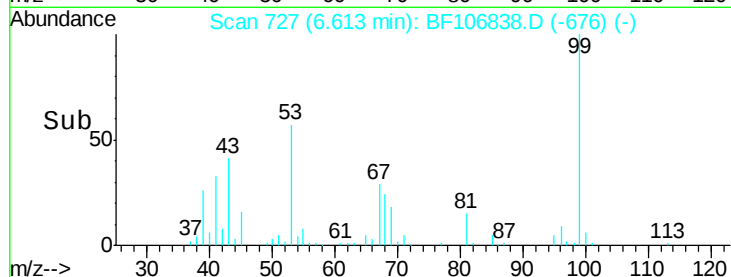
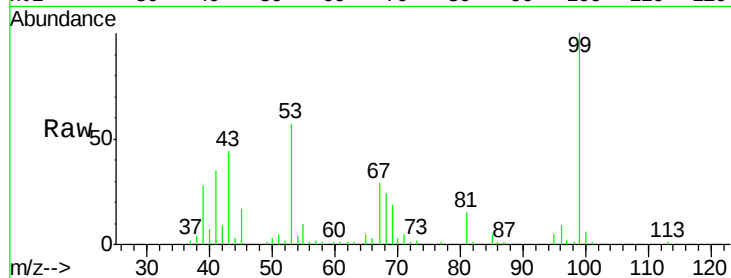
Tgt Ion: 99 Resp: 558497

Ion Ratio Lower Upper

99 100

42 9.3 14.5 21.7#

71 5.0 25.4 38.0#



#15

Benzyl Alcohol

Concen: 2.536 ng

RT: 7.07 min Scan# 804

Delta R.T. -0.04 min

Lab File: BF106838.D

Acq: 26 Jun 2018 22:05

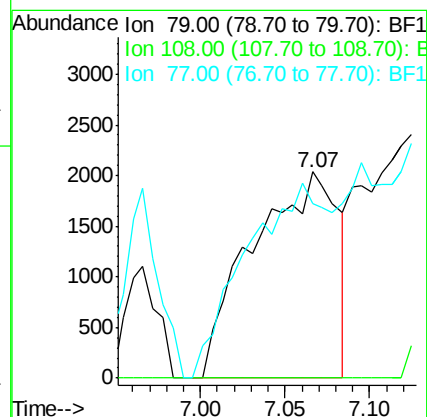
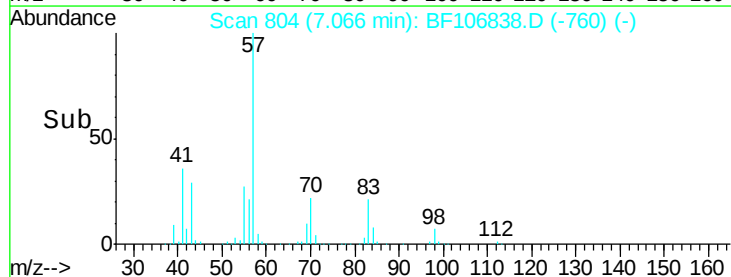
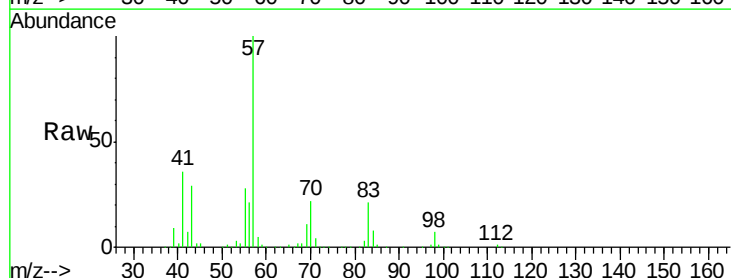
Tgt Ion: 79 Resp: 7159

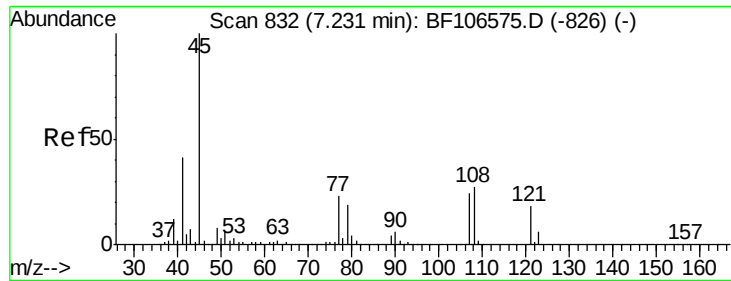
Ion Ratio Lower Upper

79 100

108 0.0 65.1 97.7#

77 84.4 50.6 75.8#

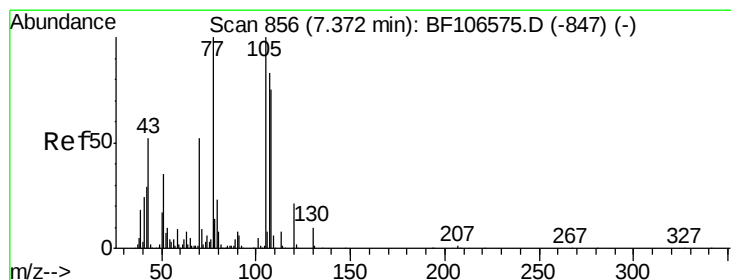
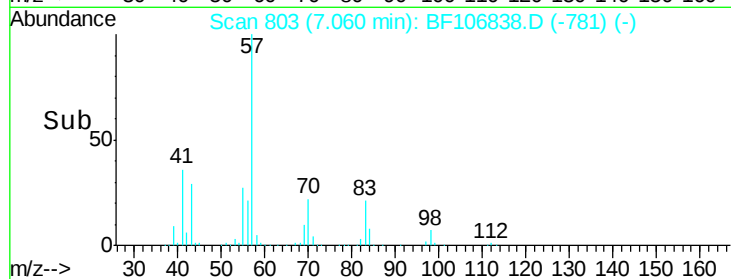
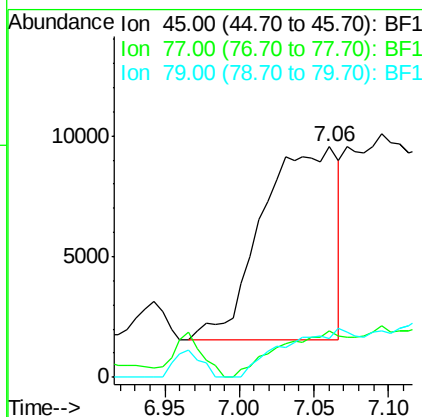
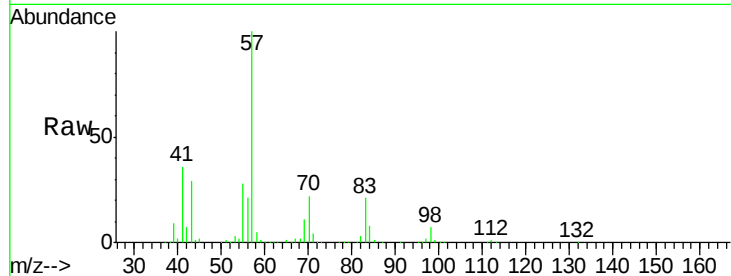




#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 6.437 ng
 RT: 7.06 min Scan# 803
 Delta R.T. -0.17 min
 Lab File: BF106838.D
 Acq: 26 Jun 2018 22:05

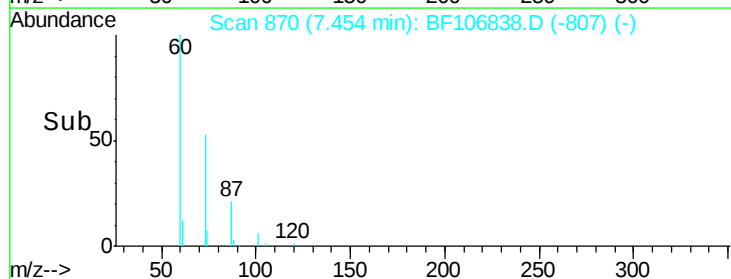
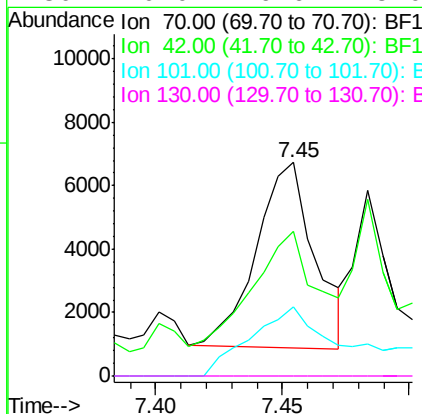
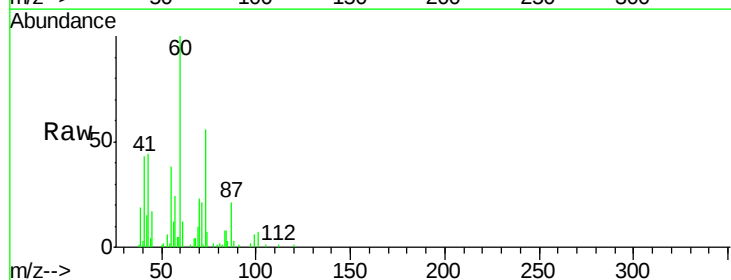
Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

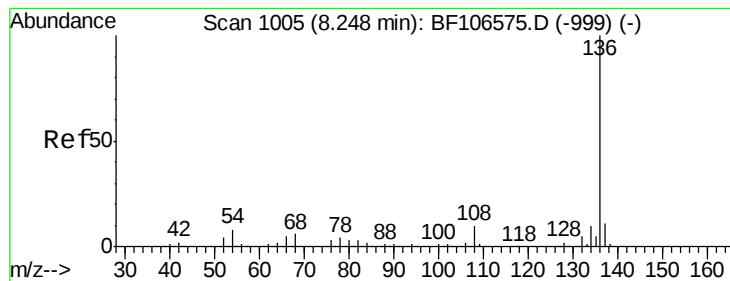
Tgt Ion: 45 Resp: 27970
 Ion Ratio Lower Upper
 45 100
 77 20.1 0.0 32.9
 79 17.0 0.0 29.6



#19
 n-Nitroso-di-n-propylamine
 Concen: 4.103 ng
 RT: 7.45 min Scan# 870
 Delta R.T. 0.07 min
 Lab File: BF106838.D
 Acq: 26 Jun 2018 22:05

Tgt Ion: 70 Resp: 9507
 Ion Ratio Lower Upper
 70 100
 42 68.0 47.5 71.3
 101 32.4 7.4 11.2#
 130 0.0 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.27 min Scan# 1009

Delta R.T. 0.02 min

Lab File: BF106838.D

Acq: 26 Jun 2018 22:05

Instrument :

BNA_F

ClientSampleId :

EFF-WW

Tgt Ion: 136 Resp: 161612

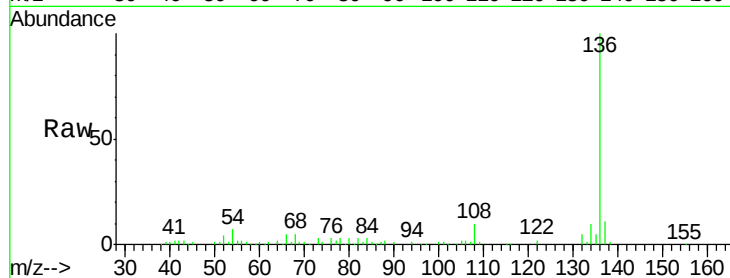
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 7.3 6.6 9.8

68 5.5 5.0 7.4

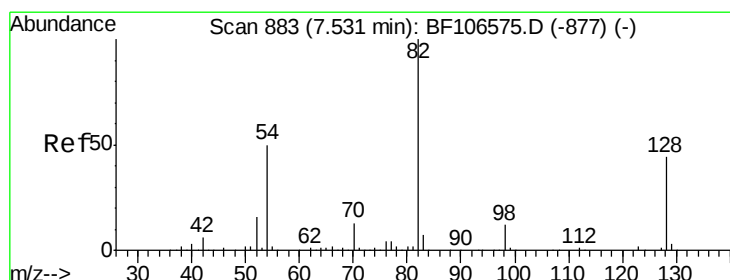
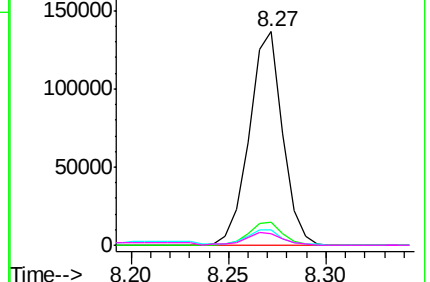
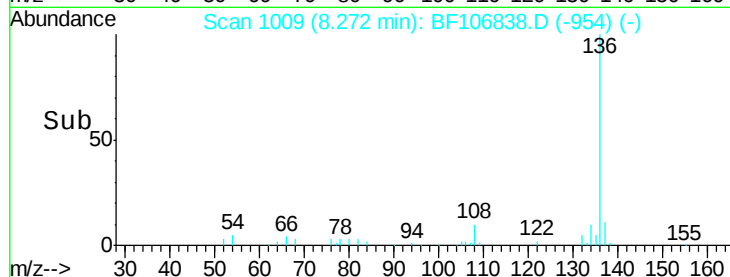


Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.585 ng

RT: 7.58 min Scan# 891

Delta R.T. 0.04 min

Lab File: BF106838.D

Acq: 26 Jun 2018 22:05

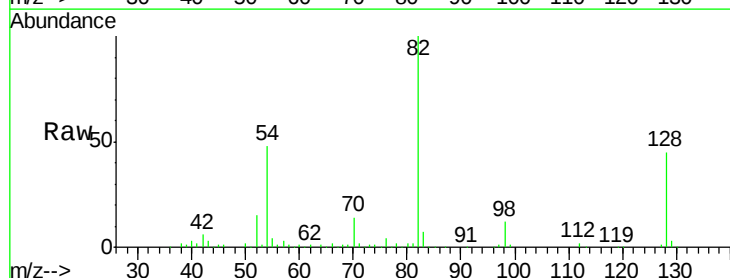
Tgt Ion: 82 Resp: 251797

Ion Ratio Lower Upper

82 100

128 45.0 36.1 54.1

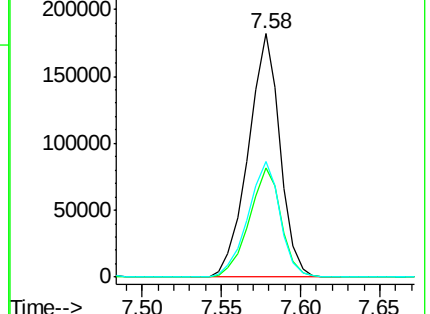
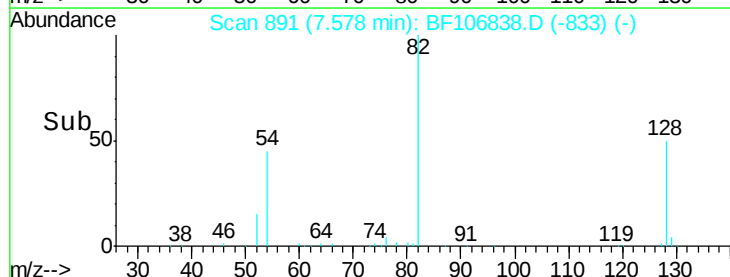
54 47.6 41.4 62.2

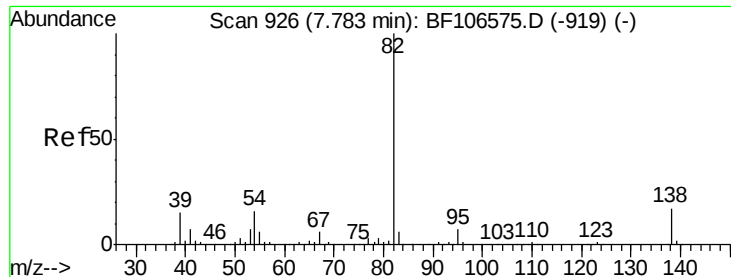


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 49.136 ng

RT: 7.58 min Scan# 891

Delta R.T. -0.21 min

Lab File: BF106838.D

Acq: 26 Jun 2018 22:05

Instrument :

BNA_F

ClientSampled :

EFF-WW

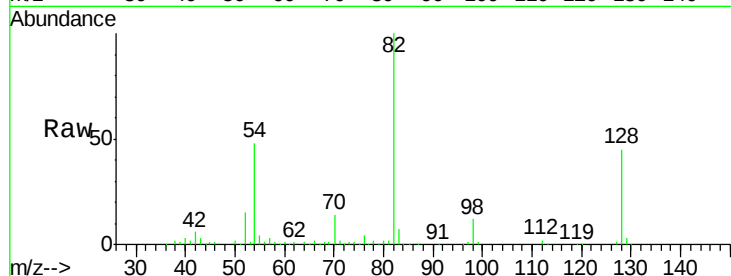
Tgt Ion: 82 Resp: 251797

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

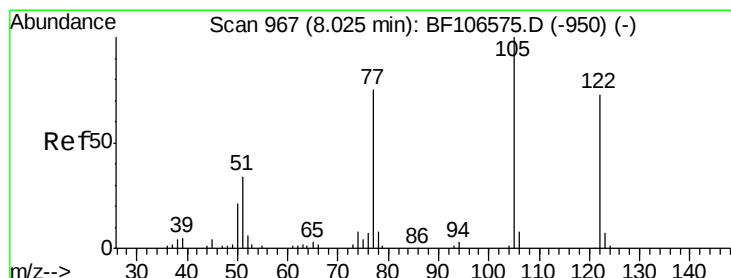
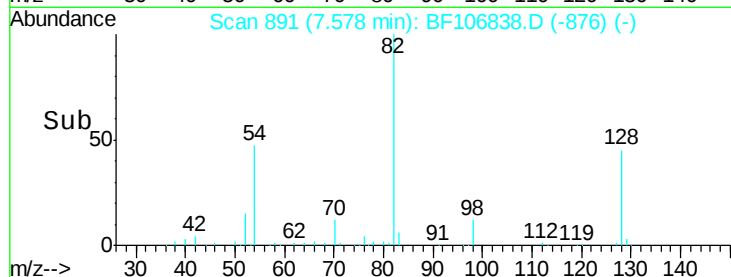
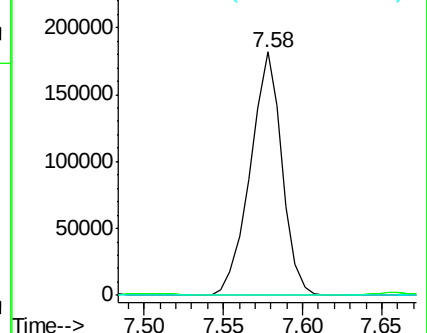
138 0.0 14.9 22.3#



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: 62.835 ng

RT: 8.26 min Scan# 1007

Delta R.T. 0.22 min

Lab File: BF106838.D

Acq: 26 Jun 2018 22:05

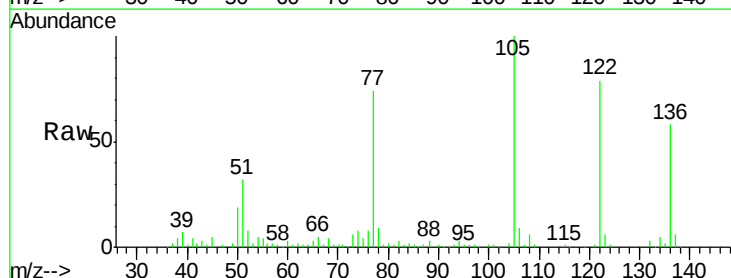
Tgt Ion: 122 Resp: 102184

Ion Ratio Lower Upper

122 100

105 126.4 101.1 141.1

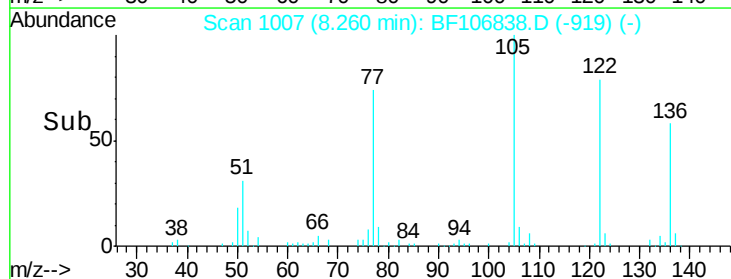
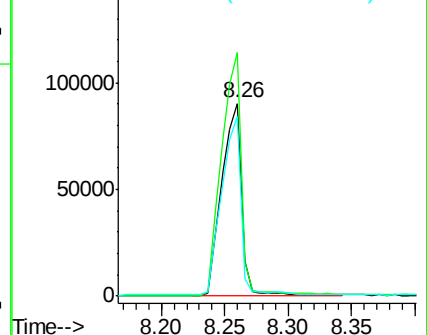
77 93.4 70.7 110.7

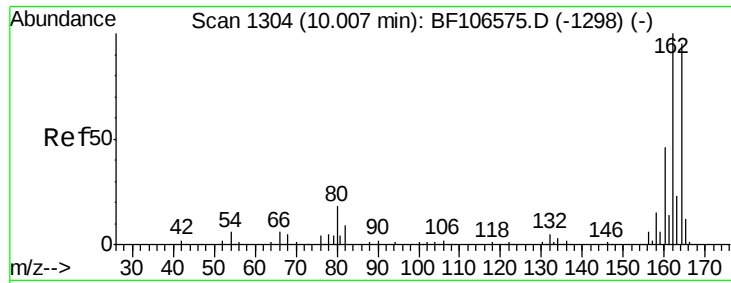


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

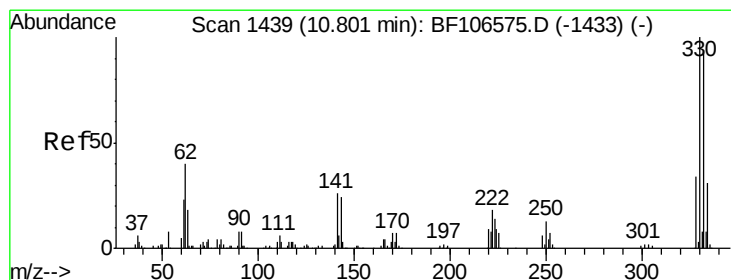
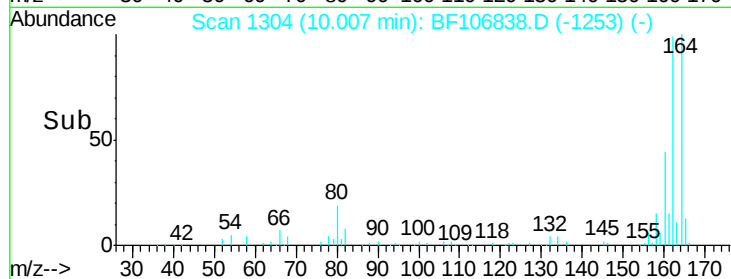
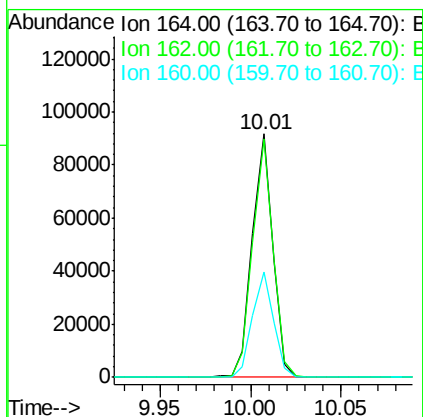
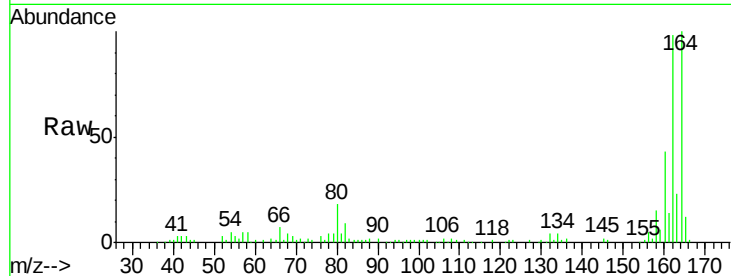




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. 0.00 min
 Lab File: BF106838.D
 Acq: 26 Jun 2018 22:05

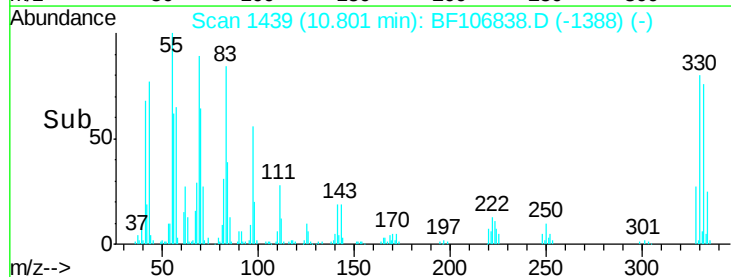
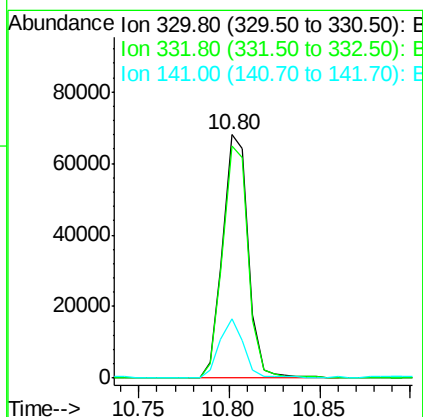
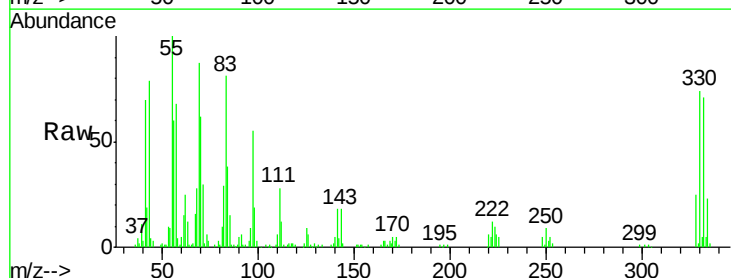
Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

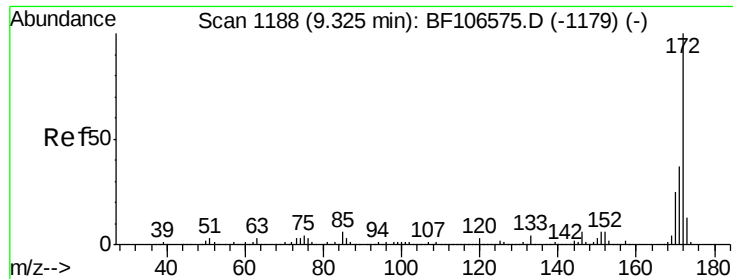
Tgt Ion:164 Resp: 72686
 Ion Ratio Lower Upper
 164 100
 162 97.7 86.1 129.1
 160 43.2 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 79.514 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF106838.D
 Acq: 26 Jun 2018 22:05

Tgt Ion:330 Resp: 66987
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 23.4 29.9 44.9#

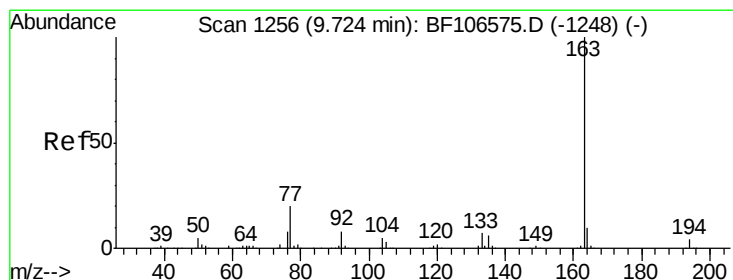
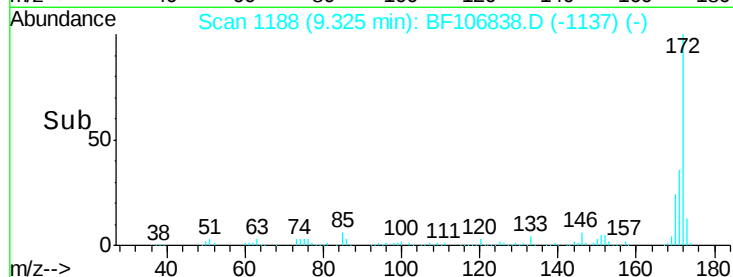
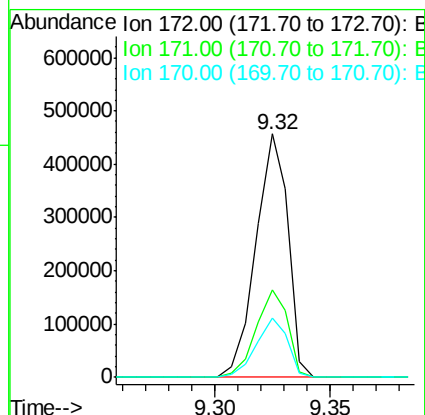
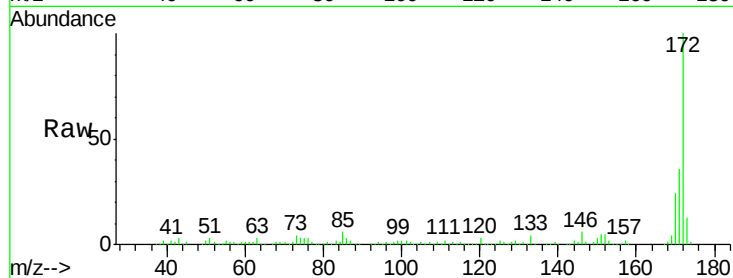




#44
2-Fluorobiphenyl
Concen: 106.805 ng
RT: 9.32 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF106838.D
Acq: 26 Jun 2018 22:05

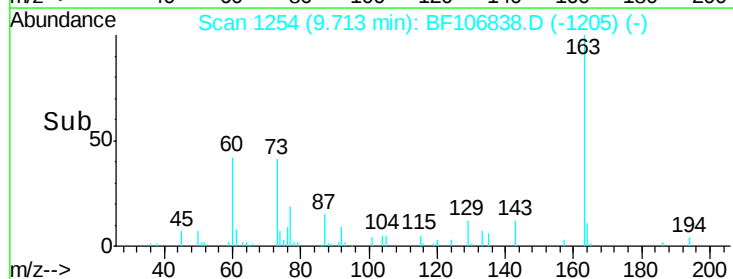
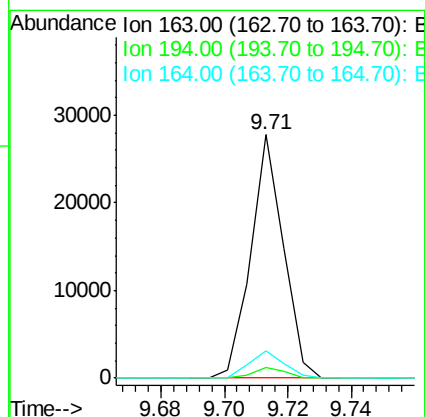
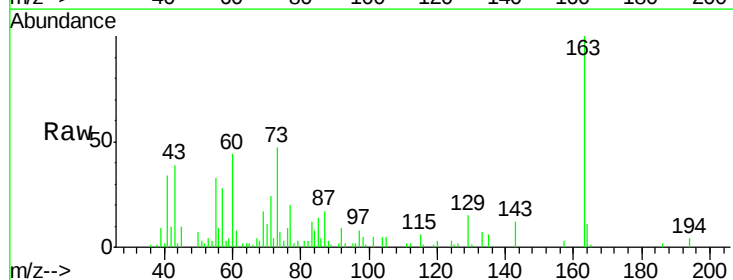
Instrument :
BNA_F
ClientSampleId :
EFF-WW

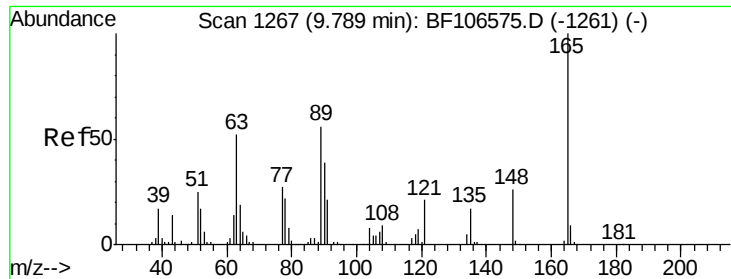
Tgt Ion:172 Resp: 442400
Ion Ratio Lower Upper
172 100
171 35.8 29.7 44.5
170 24.2 19.6 29.4



#49
Dimethylphthalate
Concen: 3.640 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF106838.D
Acq: 26 Jun 2018 22:05

Tgt Ion:163 Resp: 19846
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 11.1 8.2 12.2

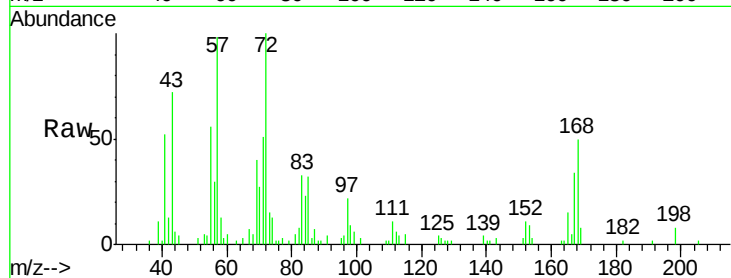




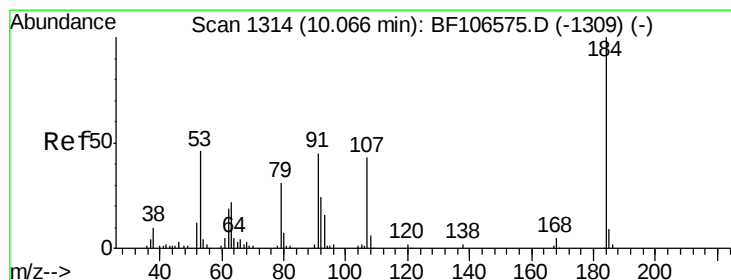
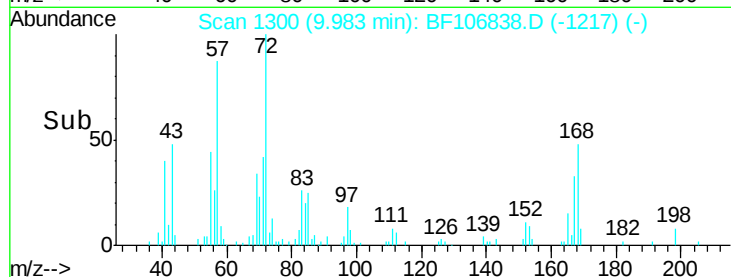
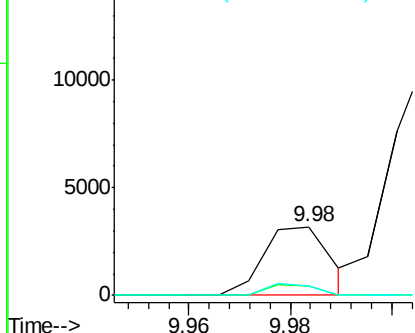
#50
 2,6-Dinitrotoluene
 Concen: 2.505 ng
 RT: 9.98 min Scan# 1300
 Delta R.T. 0.19 min
 Lab File: BF106838.D
 Acq: 26 Jun 2018 22:05

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Tgt Ion:165 Resp: 2892
 Ion Ratio Lower Upper
 165 100
 63 14.0 44.7 67.1#
 89 14.3 44.0 66.0#

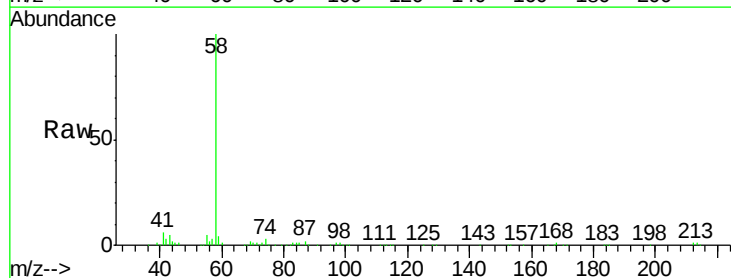


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

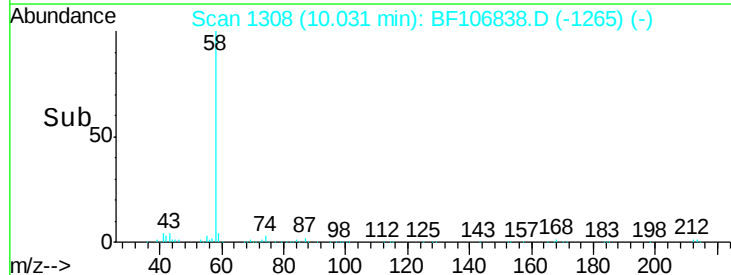
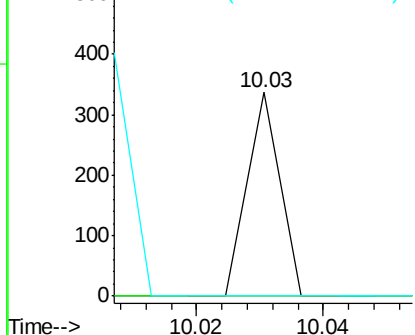


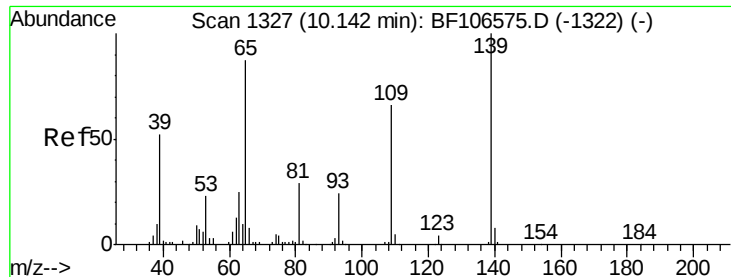
#53
 2,4-Dinitrophenol
 Concen: 5.538 ng
 RT: 10.03 min Scan# 1308
 Delta R.T. -0.05 min
 Lab File: BF106838.D
 Acq: 26 Jun 2018 22:05

Tgt Ion:184 Resp: 119
 Ion Ratio Lower Upper
 184 100
 63 0.0 54.2 81.2#
 154 0.0 184.0 276.0#



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E





#55

4-Nitrophenol

Concen: 9.427 ng

RT: 10.32 min Scan# 1357

Delta R.T. 0.18 min

Lab File: BF106838.D

Acq: 26 Jun 2018 22:05

Instrument :

BNA_F

ClientSampleId :

EFF-WW

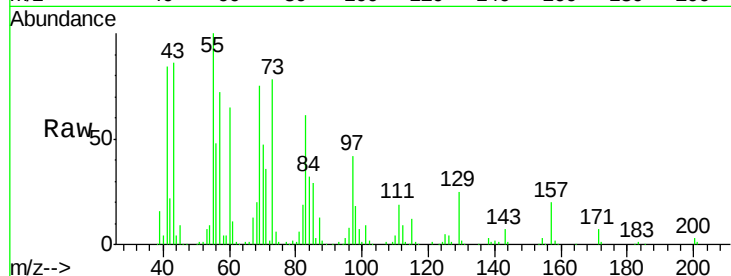
Tgt Ion:139 Resp: 8741

Ion Ratio Lower Upper

139 100

109 80.9 48.4 88.4

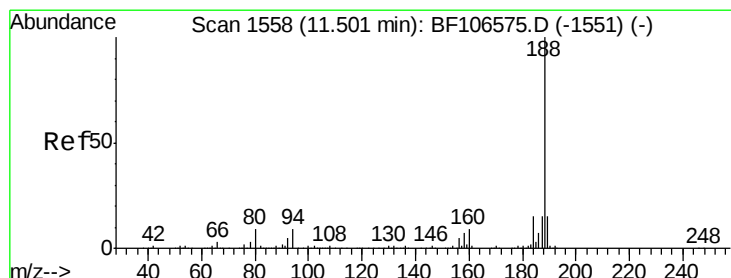
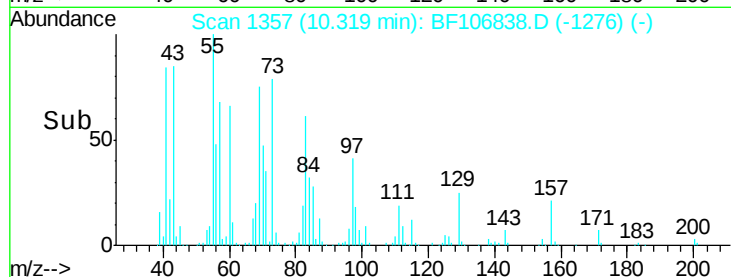
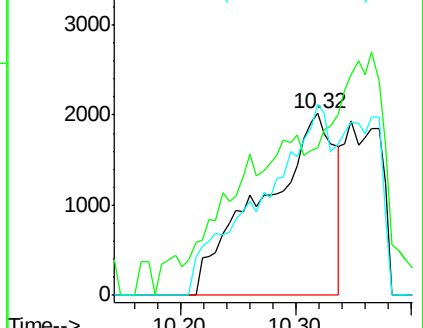
65 105.3 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1558

Delta R.T. 0.00 min

Lab File: BF106838.D

Acq: 26 Jun 2018 22:05

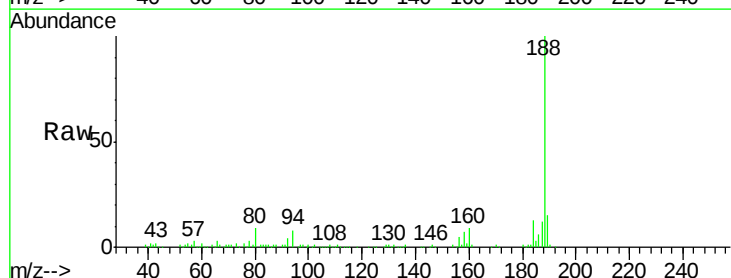
Tgt Ion:188 Resp: 132114

Ion Ratio Lower Upper

188 100

94 8.0 8.5 12.7#

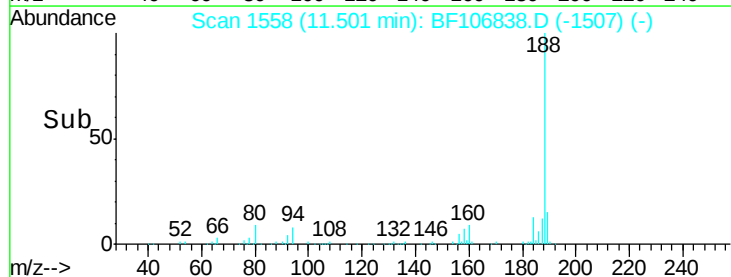
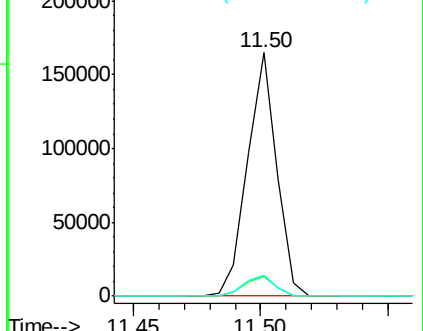
80 8.8 9.2 13.8#

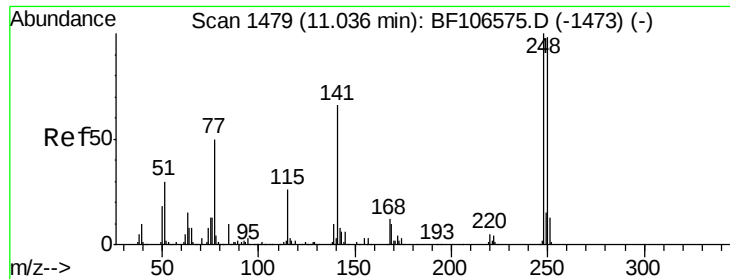


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

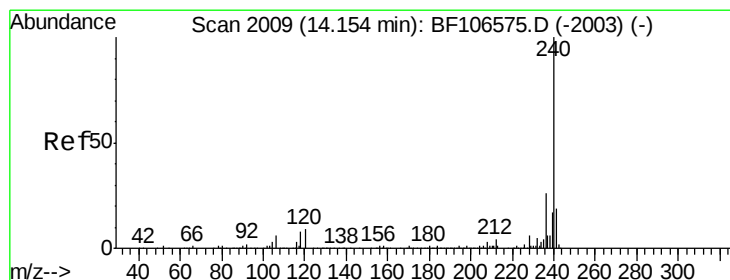
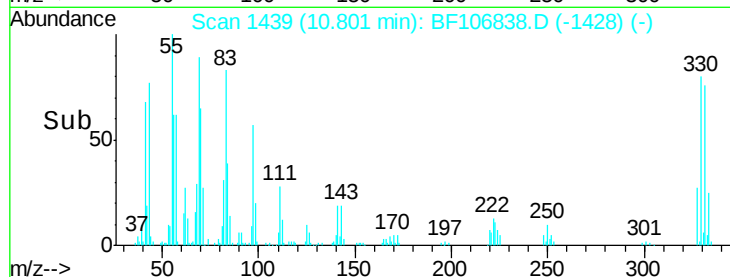
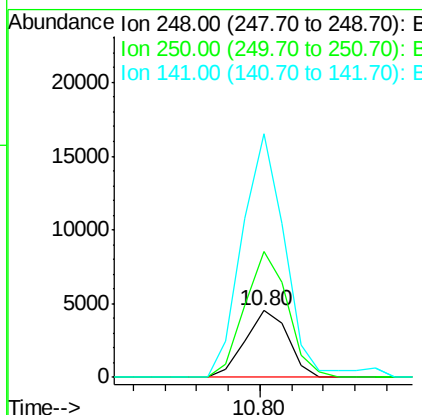
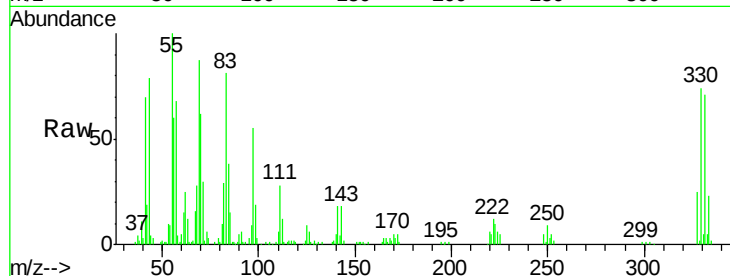




#66
4-Bromophenyl-phenylether
Concen: 2.691 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF106838.D
Acq: 26 Jun 2018 22:05

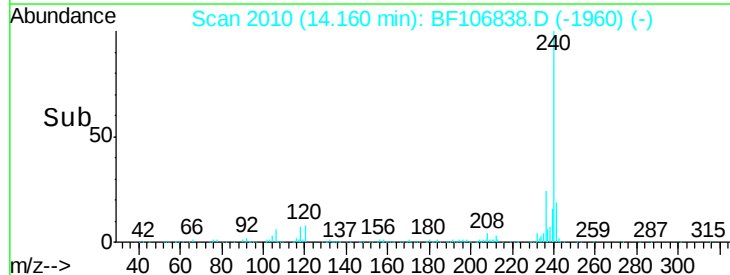
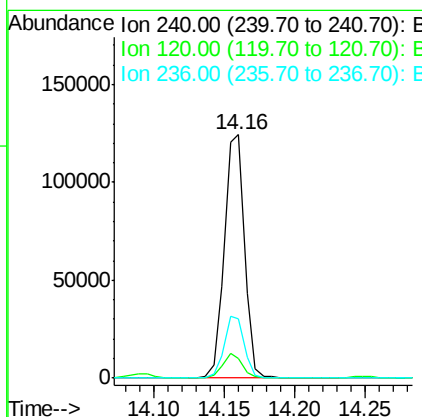
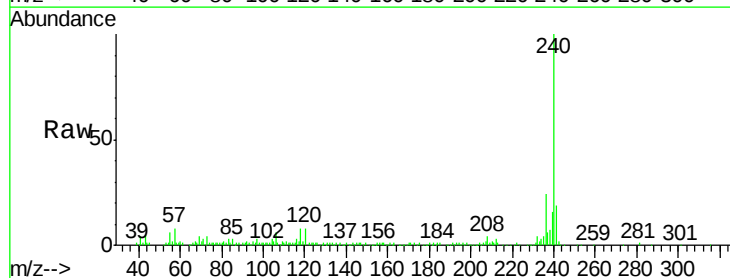
Instrument :
BNA_F
ClientSampleId :
EFF-WW

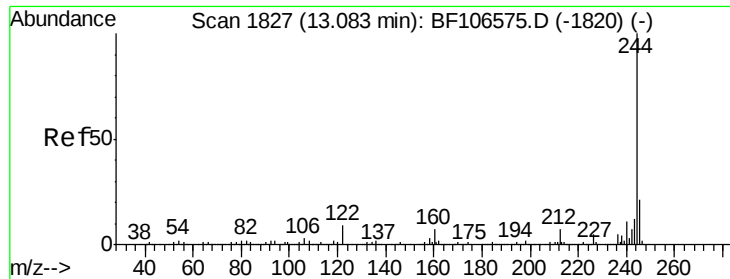
Tgt Ion:248 Resp: 4243
Ion Ratio Lower Upper
248 100
250 188.0 76.9 115.3#
141 364.4 74.4 111.6#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF106838.D
Acq: 26 Jun 2018 22:05

Tgt Ion:240 Resp: 123913
Ion Ratio Lower Upper
240 100
120 8.3 9.5 14.3#
236 24.5 20.7 31.1

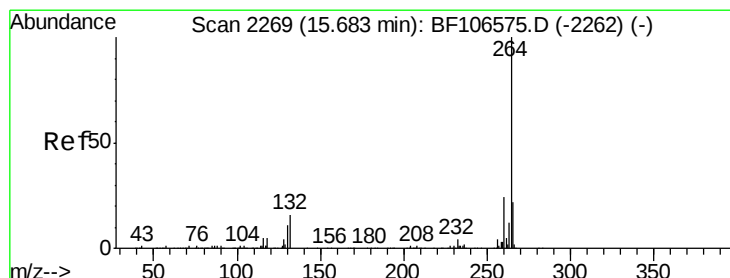
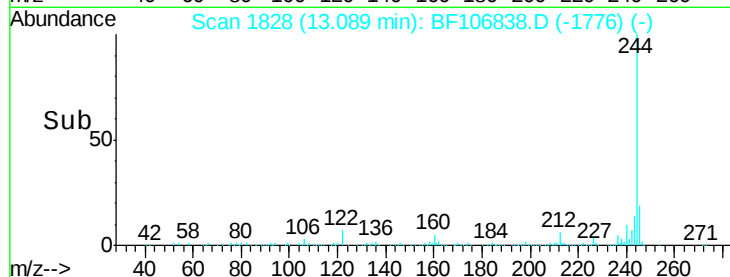
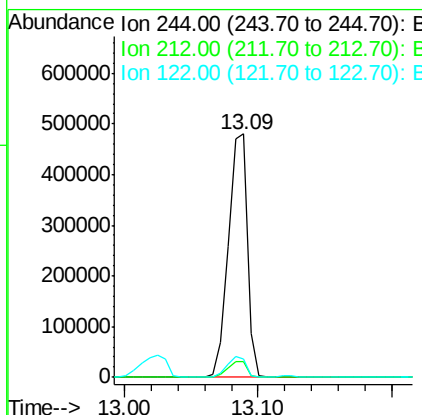
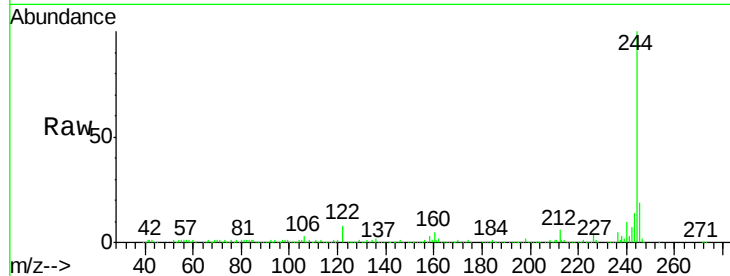




#78
 Terphenyl-d14
 Concen: 95.486 ng
 RT: 13.09 min Scan# 1828
 Delta R.T. 0.01 min
 Lab File: BF106838.D
 Acq: 26 Jun 2018 22:05

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Tgt Ion:244 Resp: 488458
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.4 8.0
 122 7.6 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.71 min Scan# 2273
 Delta R.T. -0.01 min
 Lab File: BF106838.D
 Acq: 26 Jun 2018 22:05

Tgt Ion:264 Resp: 85849
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.8 17.5 26.3

