

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062218\
 Data File : BF106740.D
 Acq On : 23 Jun 2018 6:01
 Operator : JU/SJ
 Sample : J3596-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-12

Quant Time: Jun 25 01:17:05 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 22 11:34:03 2018
 Response via : Initial Calibration

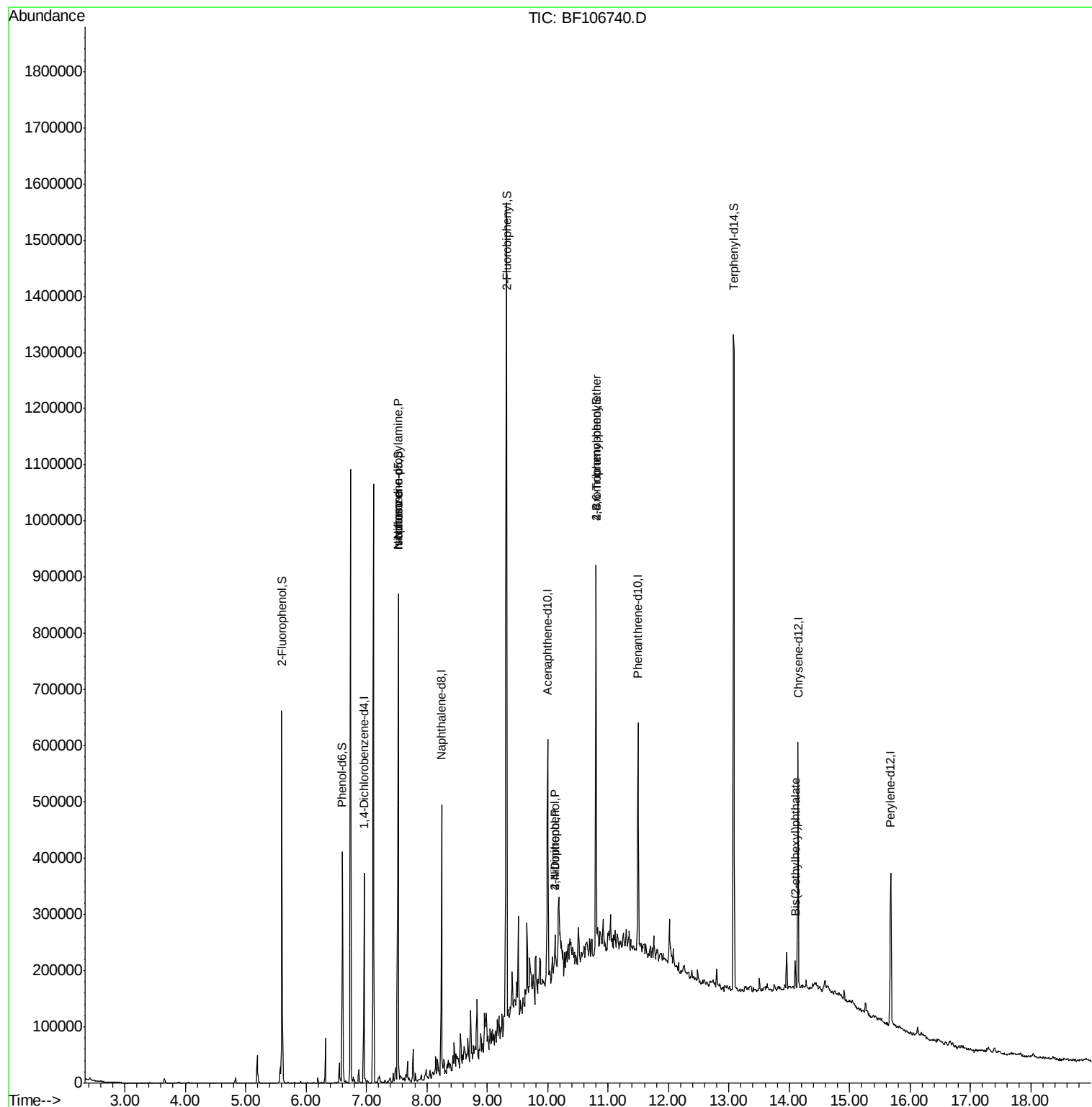
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	56791	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	204911	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	90896	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	146684	20.00	ng	0.00
75) Chrysene-d12	14.14	240	161029	20.00	ng	-0.01
86) Perylene-d12	15.68	264	136857	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	177463	52.91	ng	0.00
7) Phenol-d6	6.60	99	140383	33.52	ng	0.00
23) Nitrobenzene-d5	7.52	82	319169	86.56	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	116126	110.23	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	540174	103.86	ng	0.00
78) Terphenyl-d14	13.08	244	501513	75.44	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	42082	15.243	ng	# 72
20) 3+4-Methylphenols	7.37	107	1334	Below Cal		# 90
25) Isophorone	7.52	82	319169	49.123	ng	# 64
53) 2,4-Dinitrophenol	10.12	184	244	5.656	ng	# 43
55) 4-Nitrophenol	10.12	139	4978	4.293	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	7199	4.112	ng	# 1
83) Bis(2-ethylhexyl)phthalate	14.10	149	14826	2.656	ng	# 94

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

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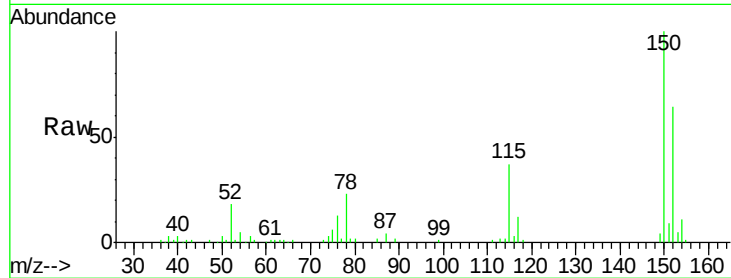




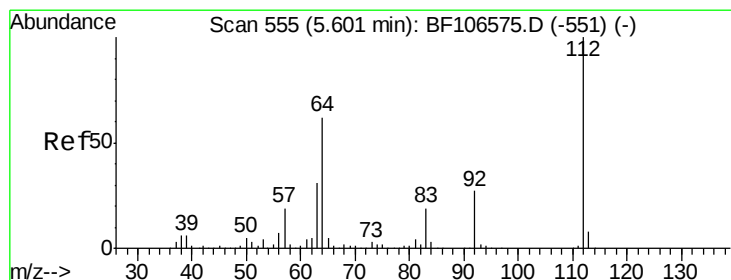
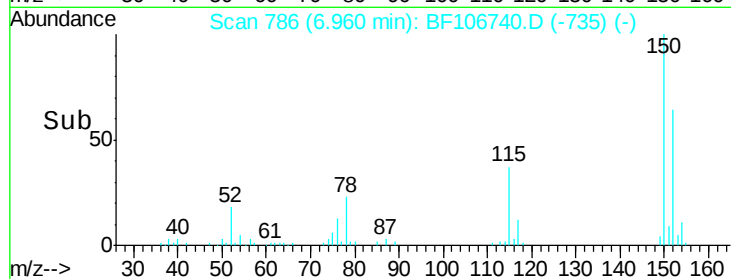
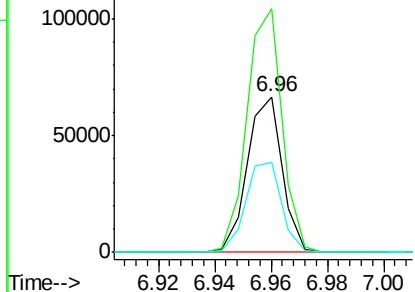
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF106740.D
 Acq: 23 Jun 2018 6:01

Instrument :
 BNA_F
 ClientSampleId :
 MW-12

Tgt Ion:152 Resp: 56791
 Ion Ratio Lower Upper
 152 100
 150 156.7 124.6 186.8
 115 57.8 50.1 75.1

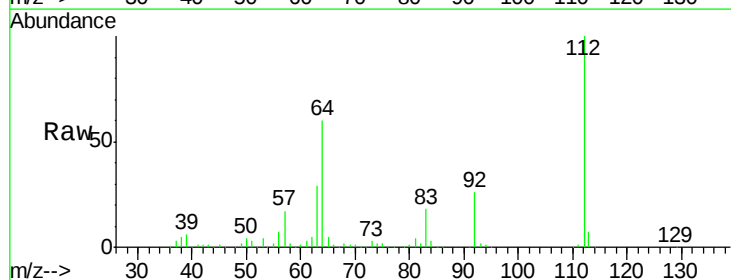


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

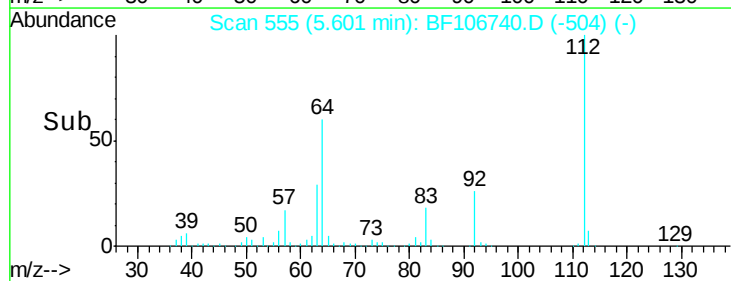
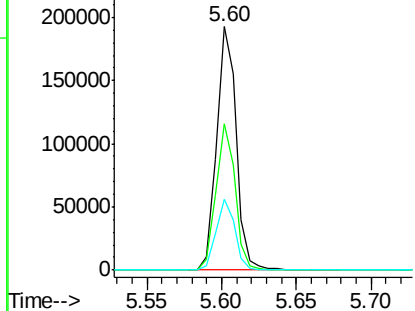


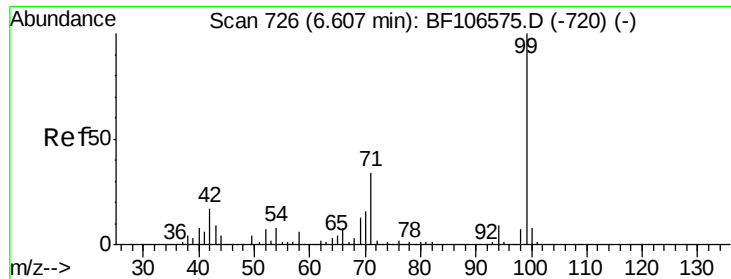
#5
 2-Fluorophenol
 Concen: 52.914 ng
 RT: 5.60 min Scan# 555
 Delta R.T. 0.00 min
 Lab File: BF106740.D
 Acq: 23 Jun 2018 6:01

Tgt Ion:112 Resp: 177463
 Ion Ratio Lower Upper
 112 100
 64 60.3 47.9 71.9
 63 29.3 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: 33.518 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106740.D

Acq: 23 Jun 2018 6:01

Instrument :

BNA_F

ClientSampleId :

MW-12

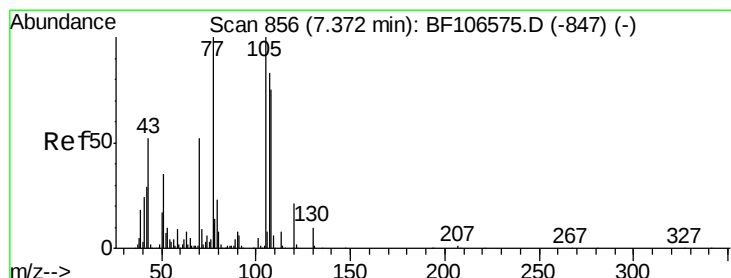
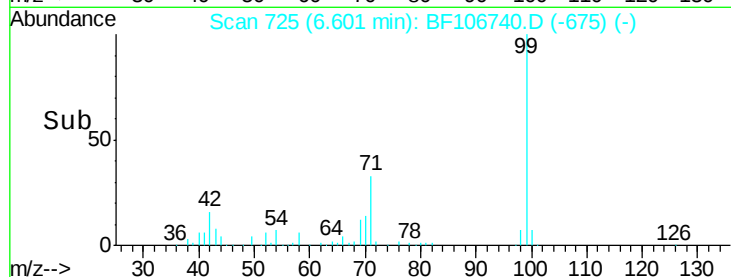
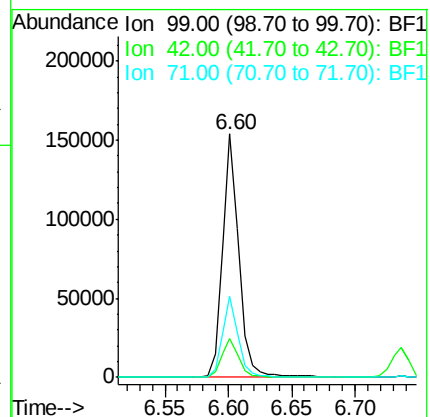
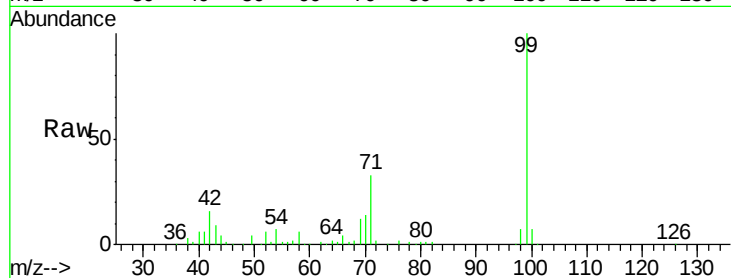
Tgt Ion: 99 Resp: 140383

Ion Ratio Lower Upper

99 100

42 15.9 14.5 21.7

71 33.0 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 15.243 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.15 min

Lab File: BF106740.D

Acq: 23 Jun 2018 6:01

Tgt Ion: 70 Resp: 42082

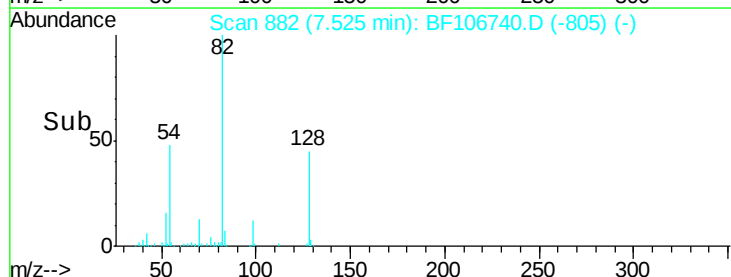
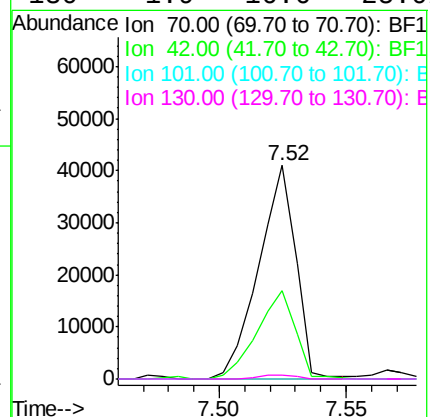
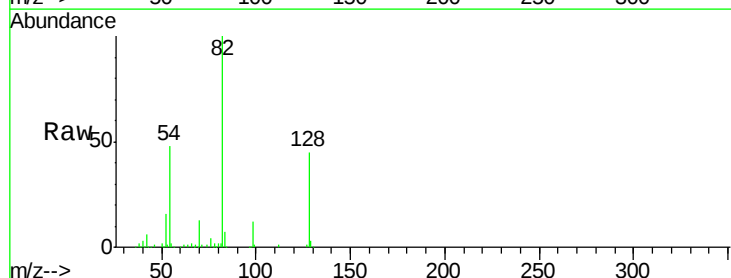
Ion Ratio Lower Upper

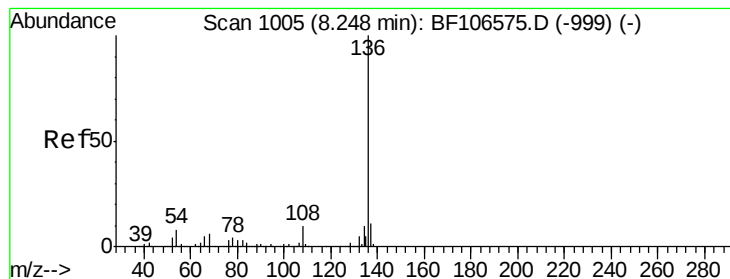
70 100

42 41.6 47.5 71.3#

101 0.0 7.4 11.2#

130 1.9 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF106740.D

Acq: 23 Jun 2018 6:01

Instrument :

BNA_F

ClientSampleId :

MW-12

Tgt Ion: 136 Resp: 204911

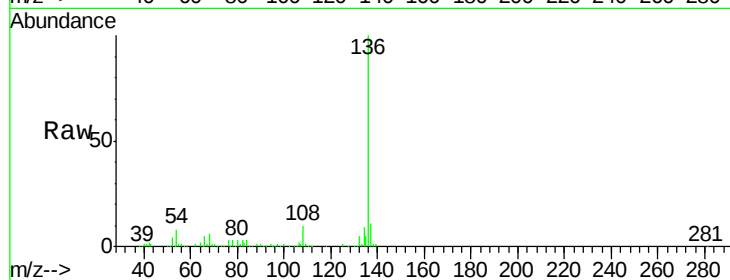
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 7.7 6.6 9.8

68 5.9 5.0 7.4

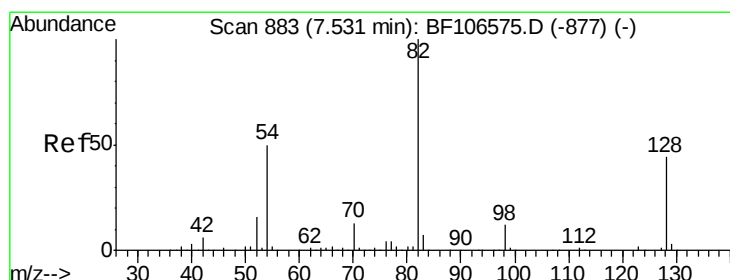
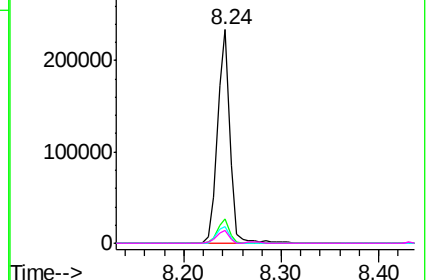
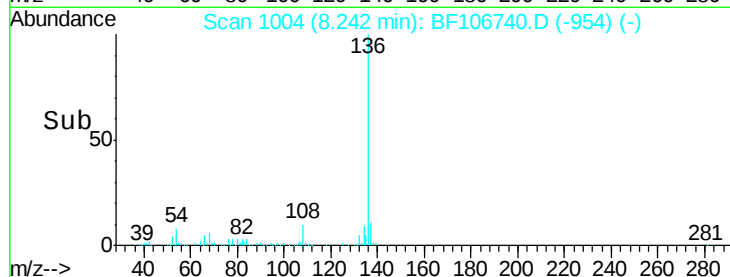


Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.561 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF106740.D

Acq: 23 Jun 2018 6:01

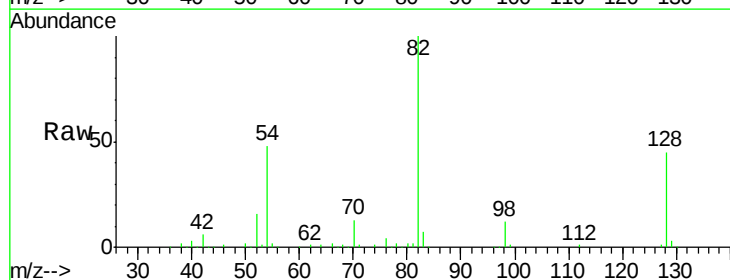
Tgt Ion: 82 Resp: 319169

Ion Ratio Lower Upper

82 100

128 45.2 36.1 54.1

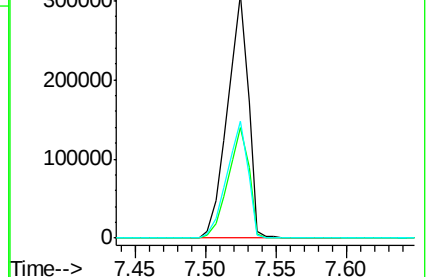
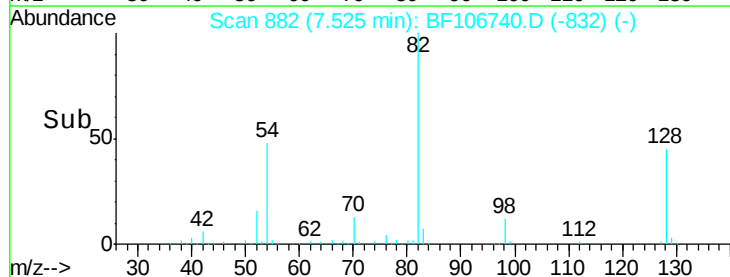
54 48.2 41.4 62.2

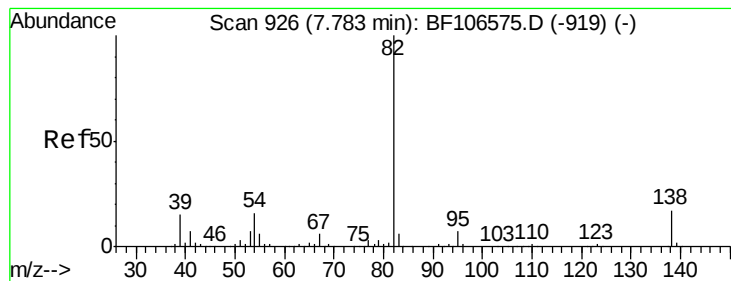


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 49.123 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF106740.D

Acq: 23 Jun 2018 6:01

Instrument :

BNA_F

ClientSampleId :

MW-12

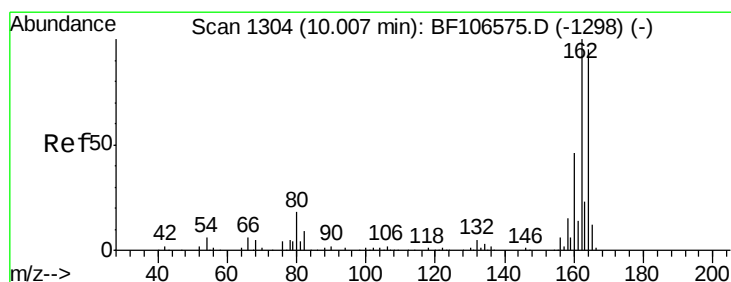
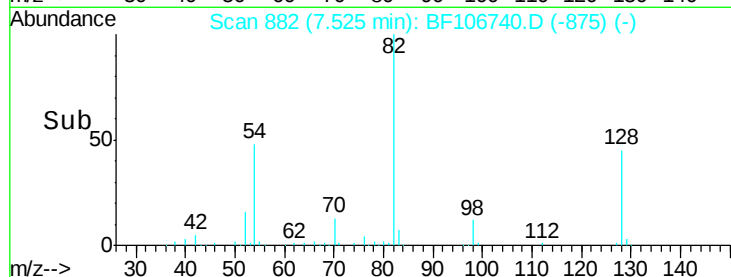
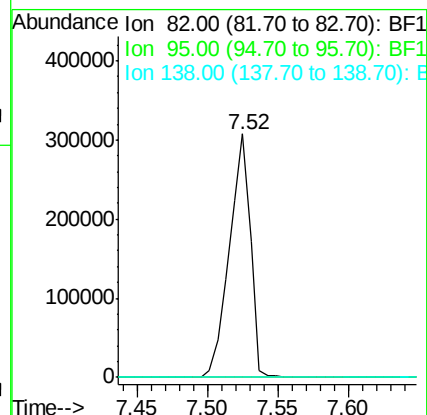
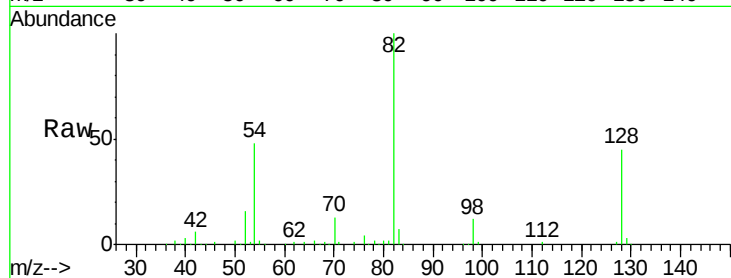
Tgt Ion: 82 Resp: 319169

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF106740.D

Acq: 23 Jun 2018 6:01

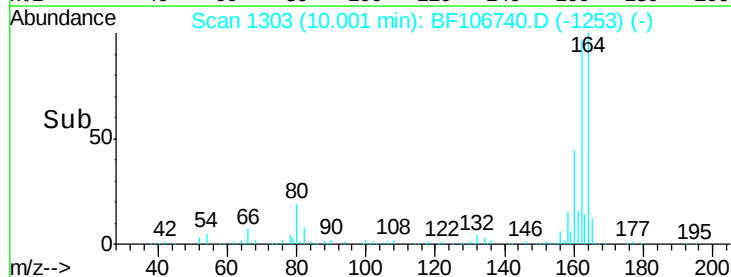
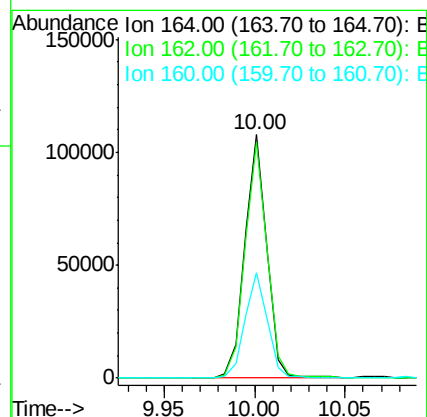
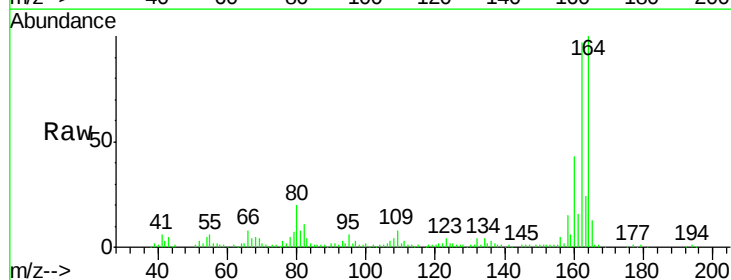
Tgt Ion: 164 Resp: 90896

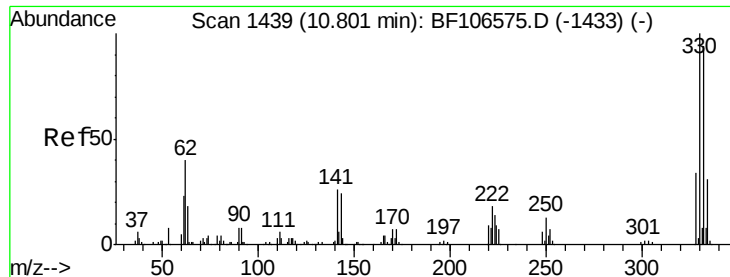
Ion Ratio Lower Upper

164 100

162 96.8 86.1 129.1

160 43.1 38.3 57.5

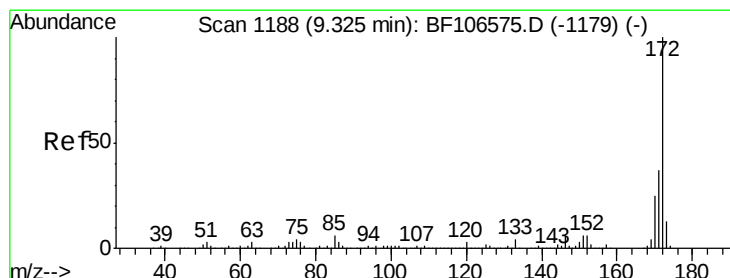
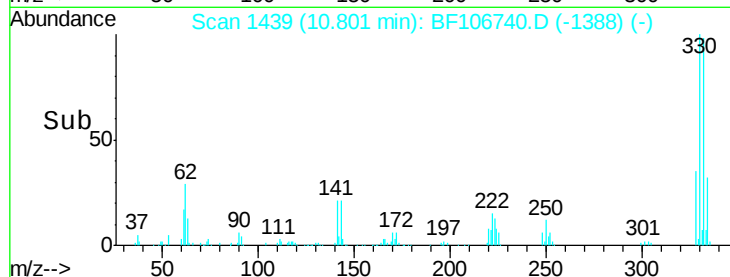
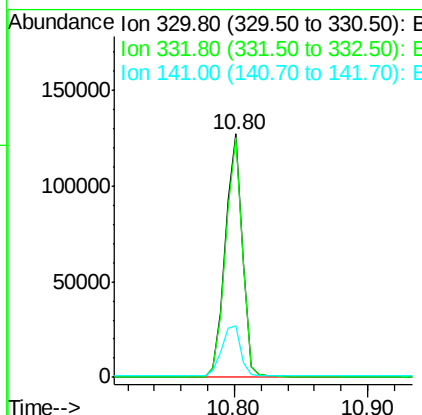
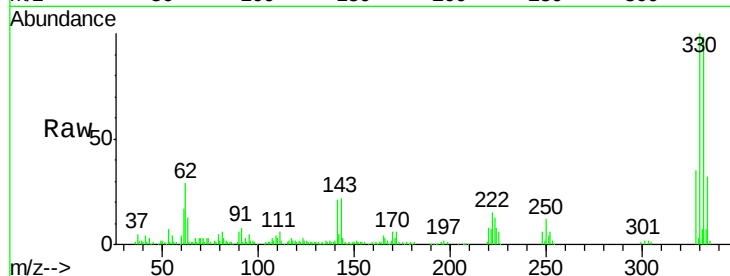




#41
 2,4,6-Tribromophenol
 Concen: 110.228 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF106740.D
 Acq: 23 Jun 2018 6:01

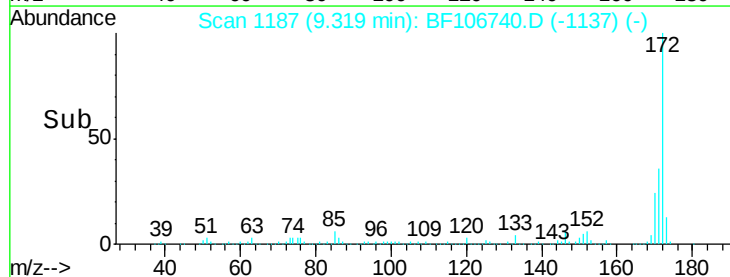
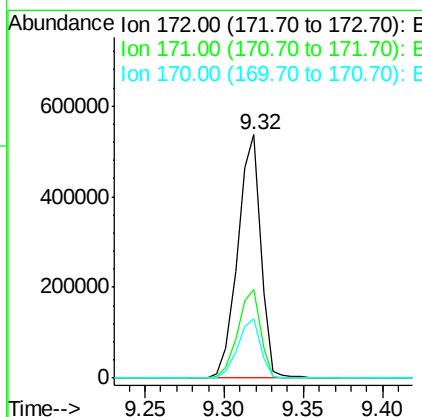
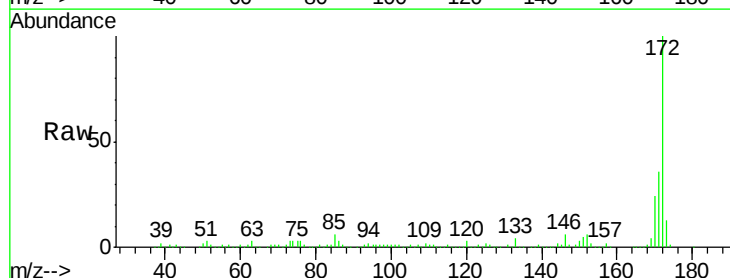
Instrument :
 BNA_F
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 MW-12

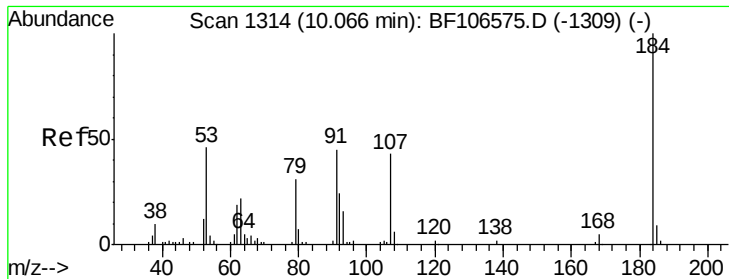
Tgt Ion:330 Resp: 116126
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.0 115.6
 141 23.2 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 103.862 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106740.D
 Acq: 23 Jun 2018 6:01

Tgt Ion:172 Resp: 540174
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.5 19.6 29.4

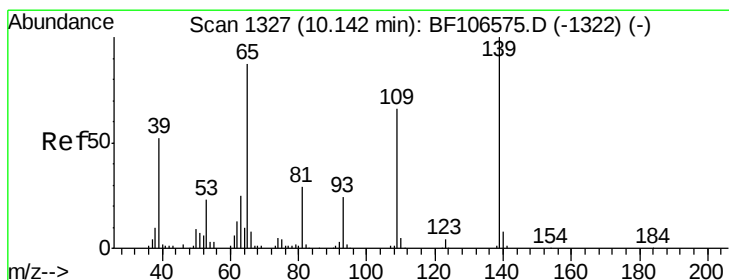
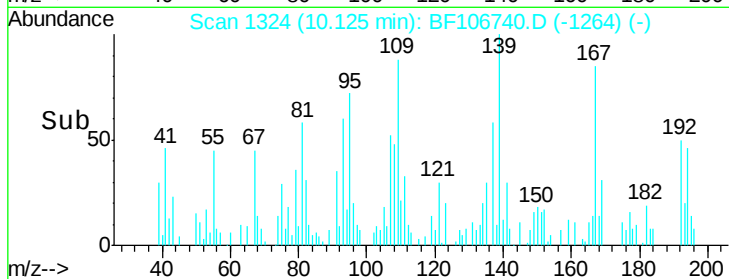
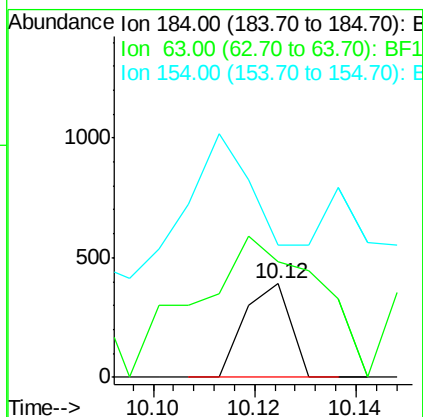
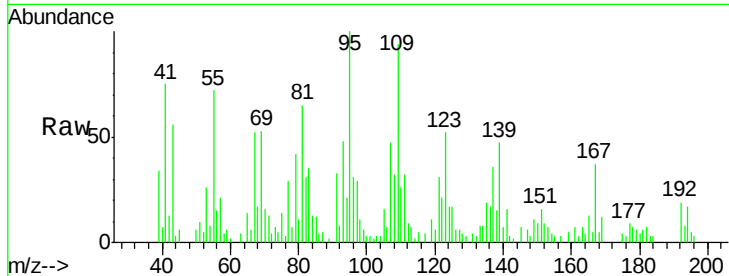




#53
 2,4-Dinitrophenol
 Concen: 5.656 ng
 RT: 10.12 min Scan# 1324
 Delta R.T. 0.05 min
 Lab File: BF106740.D
 Acq: 23 Jun 2018 6:01

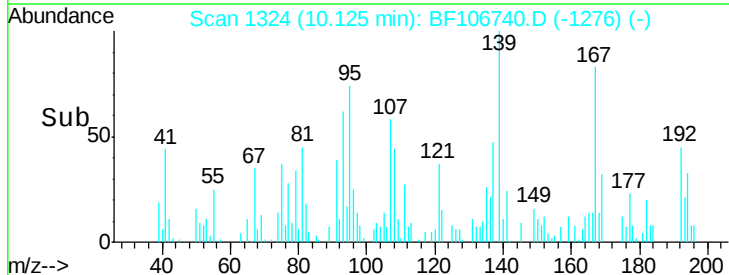
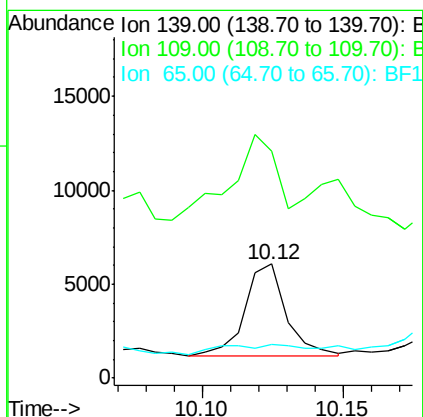
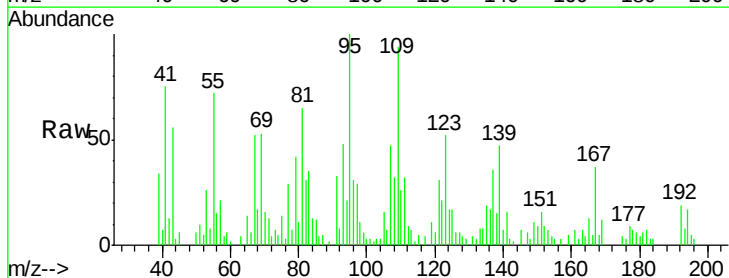
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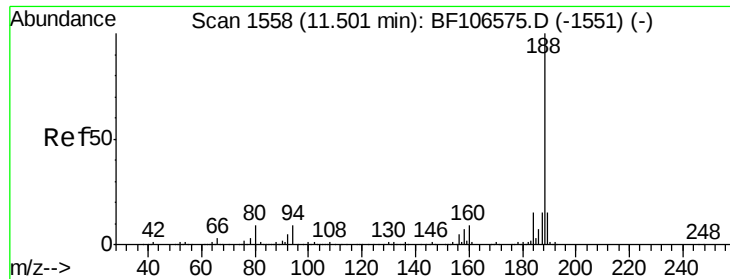
Tgt Ion:184 Resp: 244
 Ion Ratio Lower Upper
 184 100
 63 124.0 54.2 81.2#
 154 141.4 184.0 276.0#



#55
 4-Nitrophenol
 Concen: 4.293 ng
 RT: 10.12 min Scan# 1324
 Delta R.T. -0.02 min
 Lab File: BF106740.D
 Acq: 23 Jun 2018 6:01

Tgt Ion:139 Resp: 4978
 Ion Ratio Lower Upper
 139 100
 109 198.5 48.4 88.4#
 65 29.9 72.6 112.6#

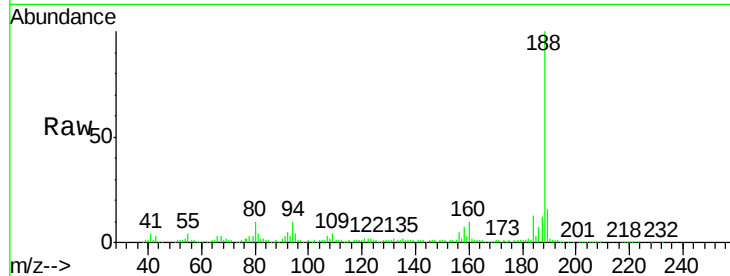




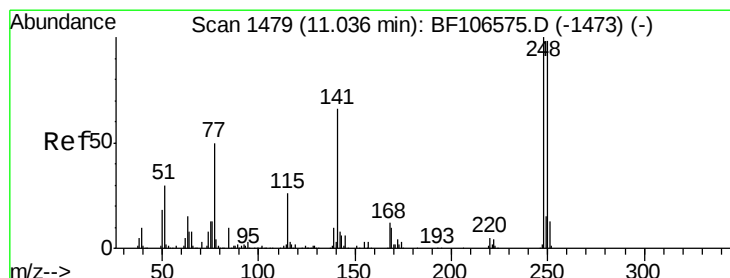
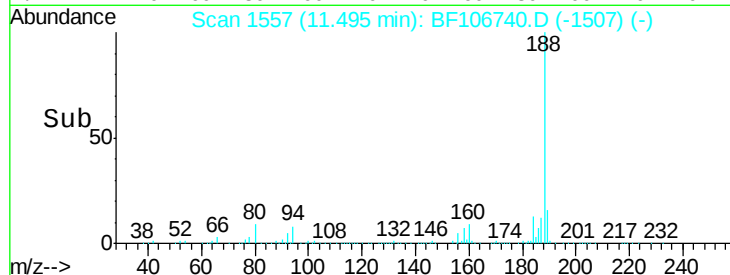
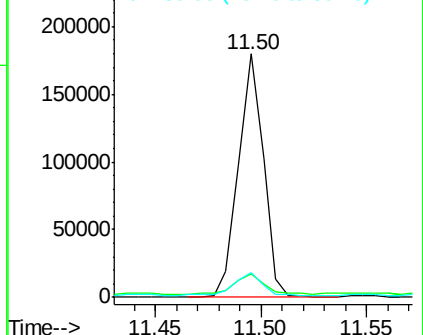
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106740.D
Acq: 23 Jun 2018 6:01

Instrument :
BNA_F
ClientSampleId :
MW-12

Tgt Ion:188 Resp: 146684
Ion Ratio Lower Upper
188 100
94 9.9 8.5 12.7
80 10.0 9.2 13.8

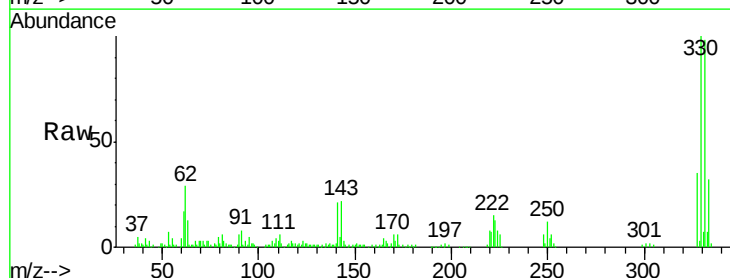


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

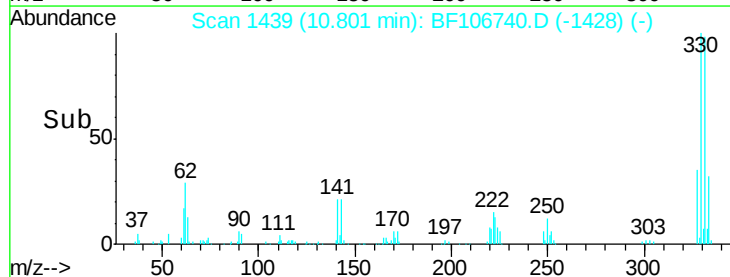
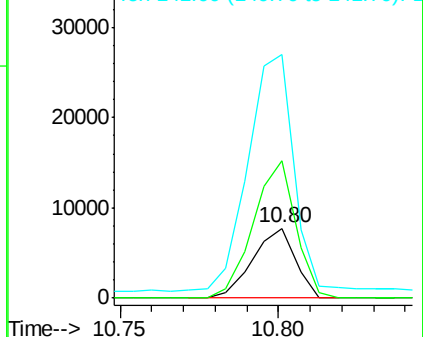


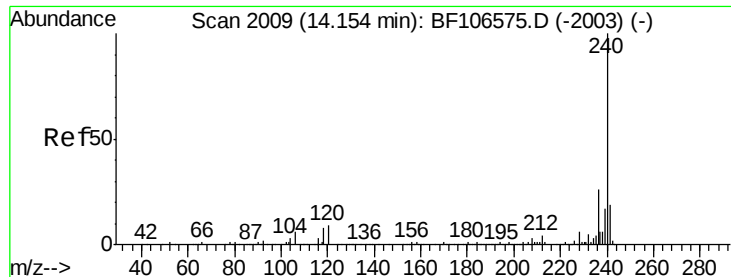
#66
4-Bromophenyl-phenylether
Concen: 4.112 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF106740.D
Acq: 23 Jun 2018 6:01

Tgt Ion:248 Resp: 7199
Ion Ratio Lower Upper
248 100
250 196.1 76.9 115.3#
141 348.5 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# 2007

Delta R.T. -0.01 min

Lab File: BF106740.D

Acq: 23 Jun 2018 6:01

Instrument :

BNA_F

ClientSampleId :

MW-12

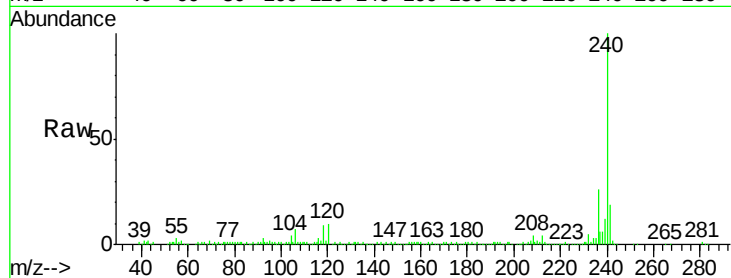
Tgt Ion:240 Resp: 161029

Ion Ratio Lower Upper

240 100

120 10.1 9.5 14.3

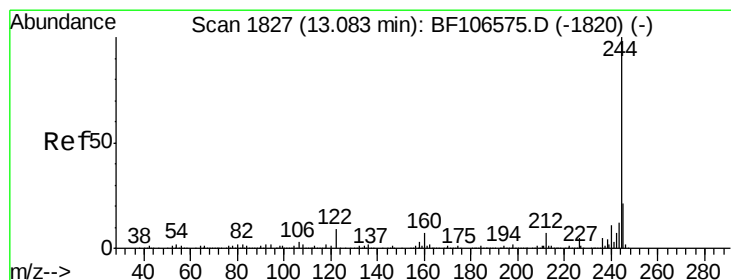
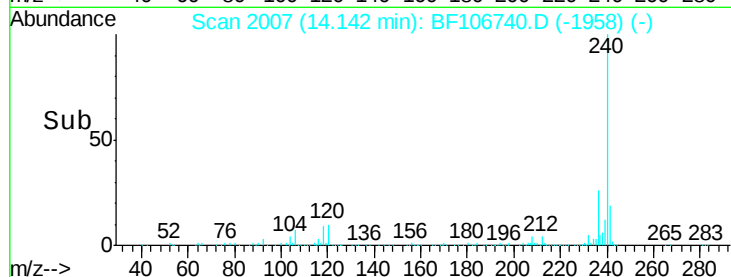
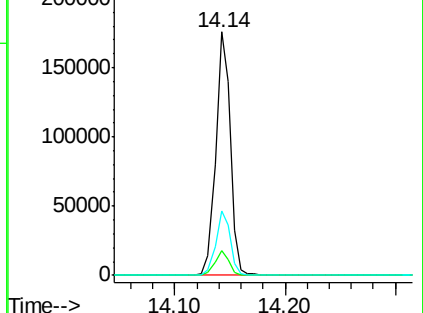
236 26.3 20.7 31.1



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: 75.441 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF106740.D

Acq: 23 Jun 2018 6:01

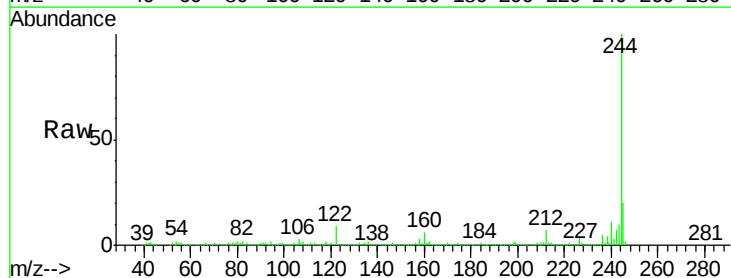
Tgt Ion:244 Resp: 501513

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

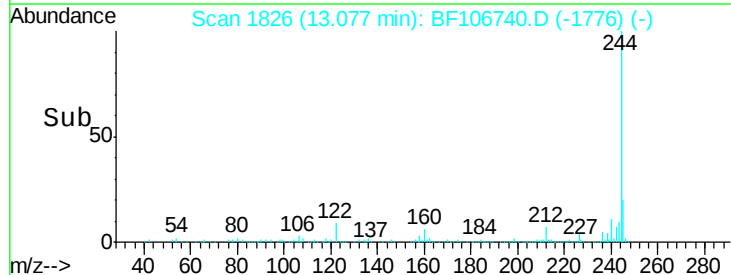
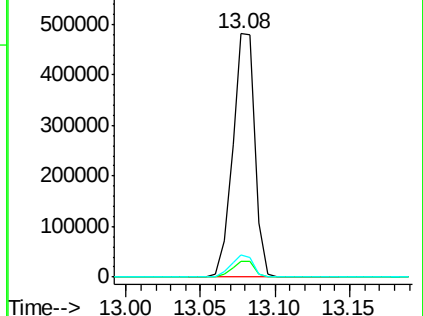
122 9.1 11.0 16.4#

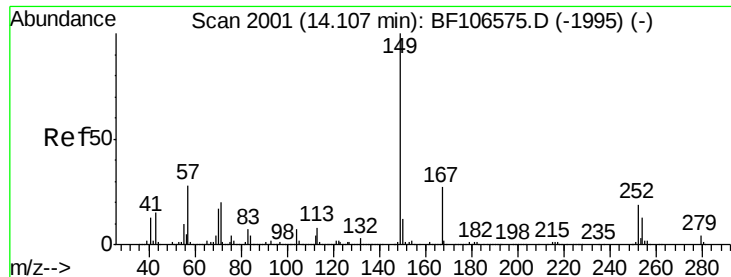


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

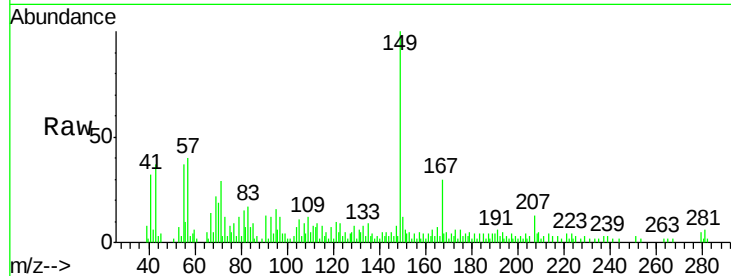




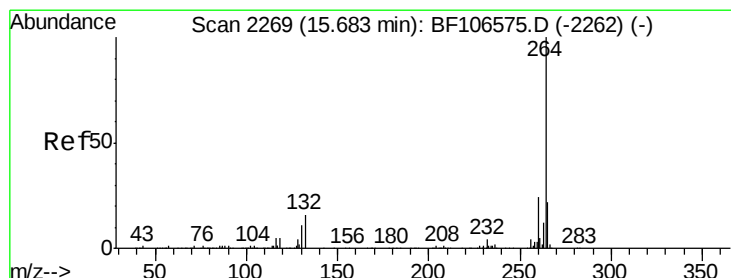
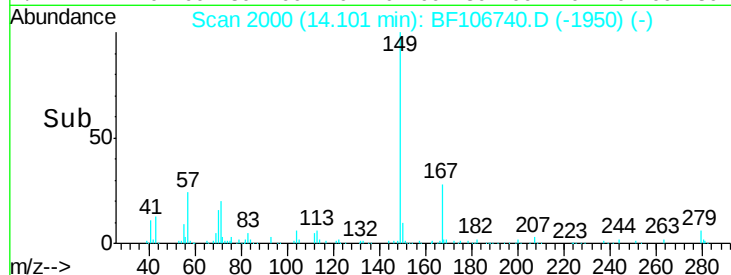
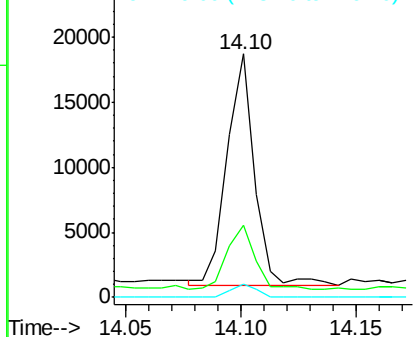
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.656 ng
 RT: 14.10 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF106740.D
 Acq: 23 Jun 2018 6:01

Instrument :
 BNA_F
 ClientSampleId :
 MW-12

Tgt Ion: 149 Resp: 14826
 Ion Ratio Lower Upper
 149 100
 167 29.7 21.3 31.9
 279 5.3 3.0 4.4#

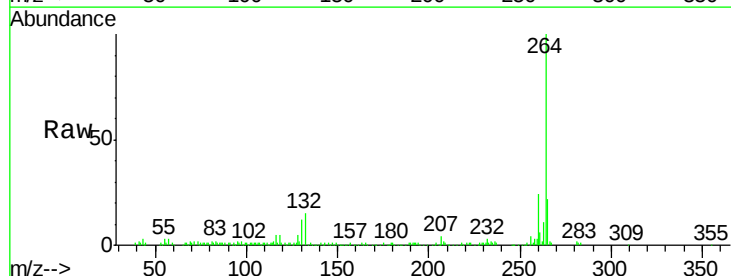


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. -0.01 min
 Lab File: BF106740.D
 Acq: 23 Jun 2018 6:01

Tgt Ion: 264 Resp: 136857
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 22.4 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

