

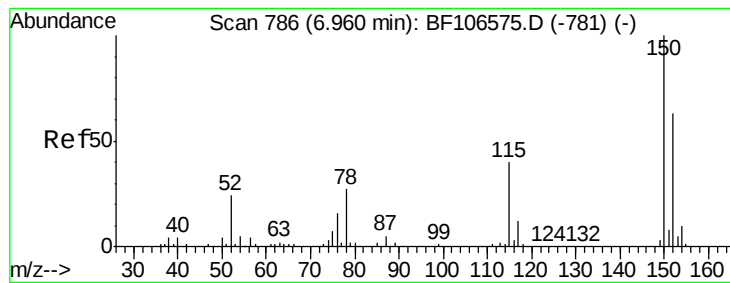
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062818\
 Data File : BF106957.D
 Acq On : 29 Jun 2018 8:01
 Operator : JU/SJ
 Sample : J3693-07
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-31

Quant Time: Jun 29 08:42:01 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	6.95	152	67398	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	226158	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	92452	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	167435	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	231071	20.00	ng	-0.02
86) Perylene-d12	15.68	264	194910	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	216666	54.44	ng	-0.01
7) Phenol-d6	6.59	99	157950	31.78	ng	-0.02
23) Nitrobenzene-d5	7.52	82	355004	87.23	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	148263	138.36	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	568268	108.04	ng	-0.02
78) Terphenyl-d14	13.07	244	731768	76.71	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.73	77	8482	2.037	ng	Qvalue 84
19) n-Nitroso-di-n-propylamine	7.52	70	47946	14.634	ng	# 73
25) Isophorone	7.52	82	354997	49.504	ng	# 64
49) Dimethylphthalate	9.70	163	25917	3.738	ng	97
56) 2,4-Dinitrotoluene	9.99	165	11711	6.110	ng	# 21
66) 4-Bromophenyl-phenylether	10.79	248	8828	4.418	ng	# 1

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

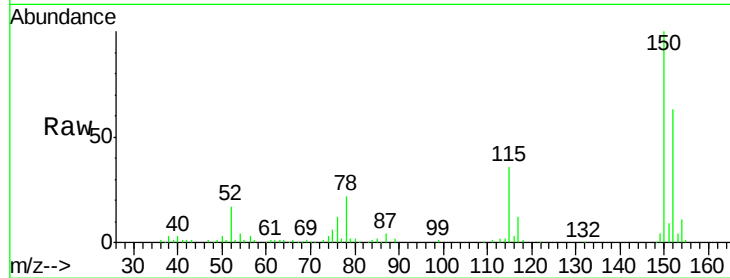


#1

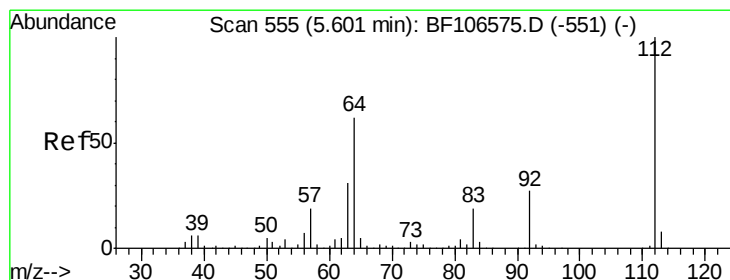
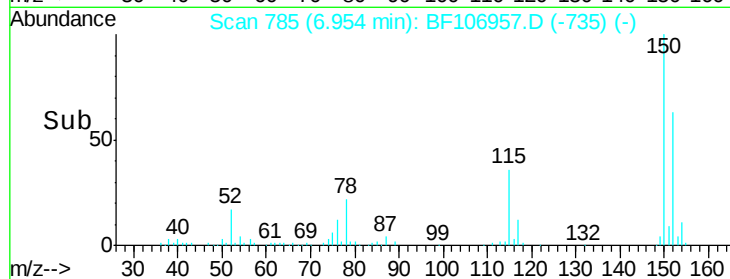
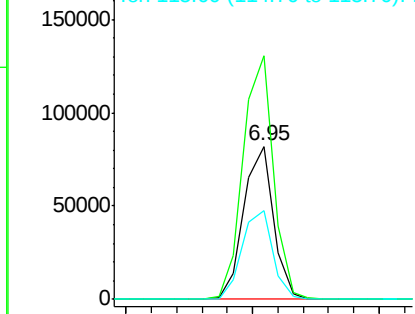
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106957.D
Acq: 29 Jun 2018 8:01

Instrument :
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ClientSampleId :
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Tgt Ion:152 Resp: 67398
Ion Ratio Lower Upper
152 100
150 158.8 124.6 186.8
115 57.9 50.1 75.1



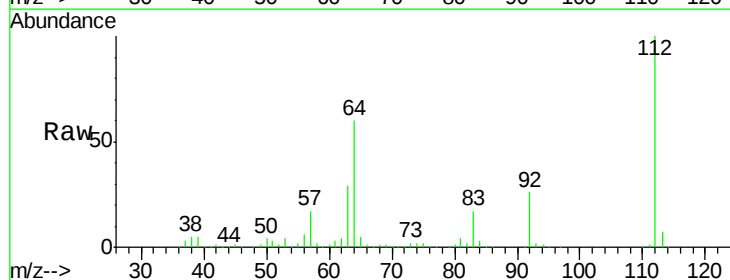
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



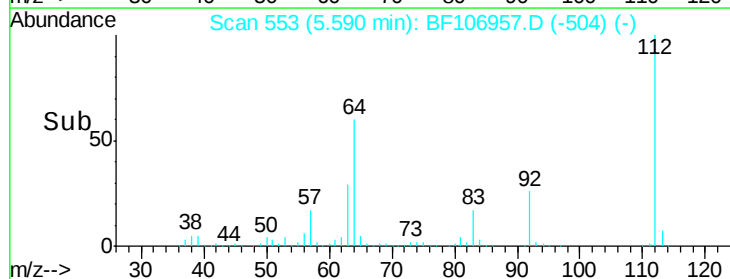
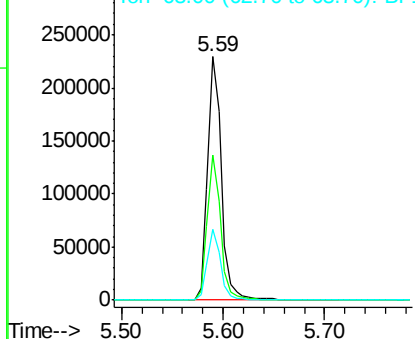
#5

2-Fluorophenol
Concen: 54.435 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF106957.D
Acq: 29 Jun 2018 8:01

Tgt Ion:112 Resp: 216666
Ion Ratio Lower Upper
112 100
64 59.8 47.9 71.9
63 28.9 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: 31.777 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF106957.D

Acq: 29 Jun 2018 8:01

Instrument :

BNA_F

ClientSampleId :

W-31

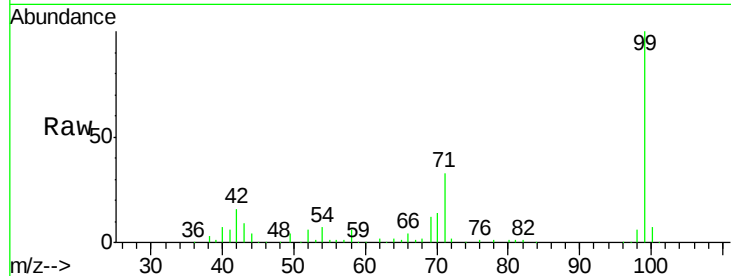
Tgt Ion: 99 Resp: 157950

Ion Ratio Lower Upper

99 100

42 16.5 14.5 21.7

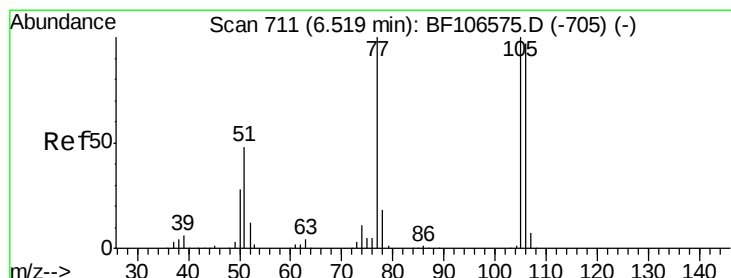
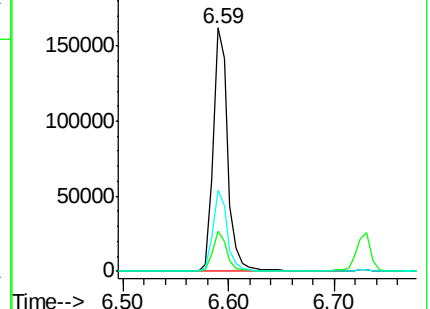
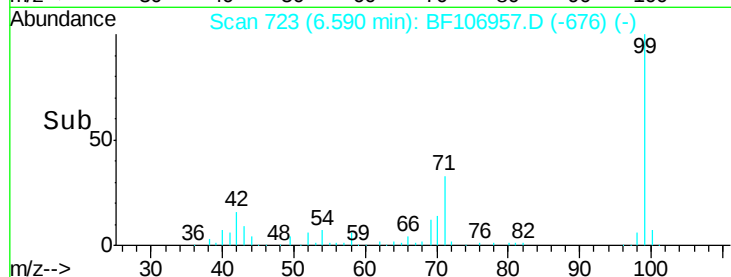
71 33.1 25.4 38.0



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: 2.037 ng

RT: 6.73 min Scan# 747

Delta R.T. 0.21 min

Lab File: BF106957.D

Acq: 29 Jun 2018 8:01

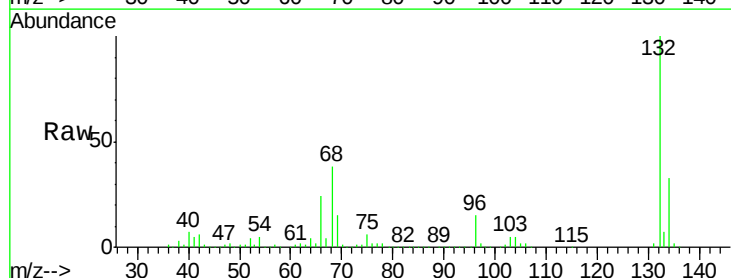
Tgt Ion: 77 Resp: 8482

Ion Ratio Lower Upper

77 100

105 84.5 81.1 121.1

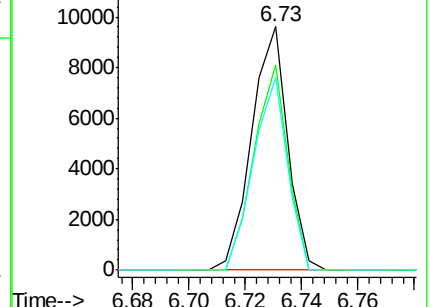
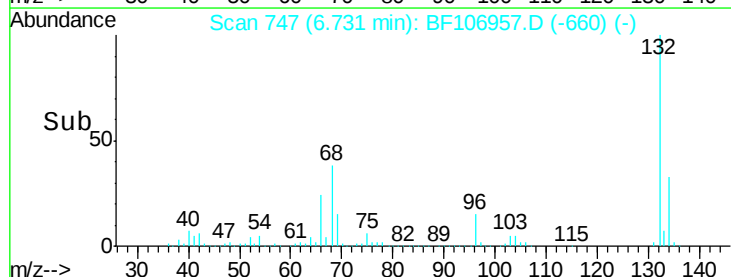
106 79.1 74.5 114.5



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

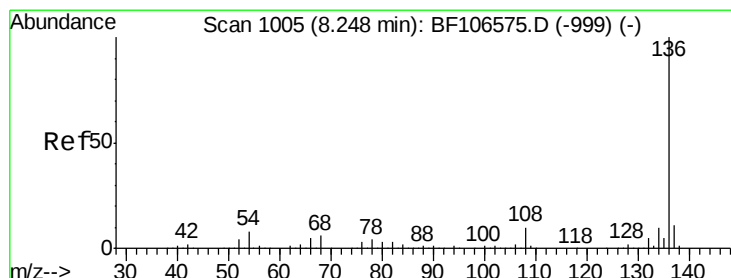
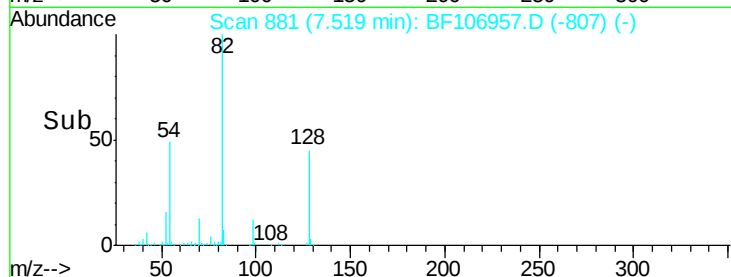
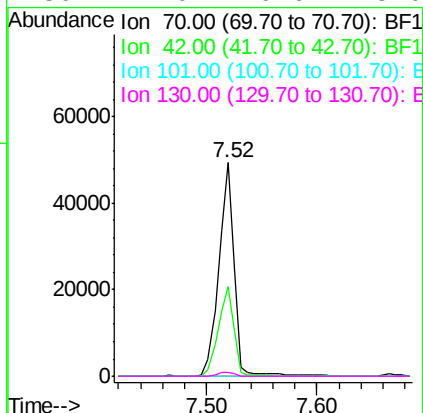
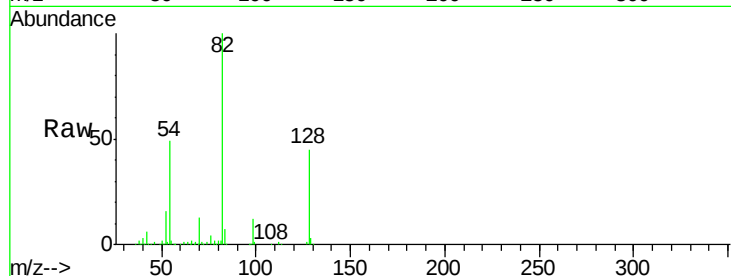




#19
n-Nitroso-di-n-propylamine
Concen: 14.634 ng
RT: 7.52 min Scan# 881
Delta R.T. 0.14 min
Lab File: BF106957.D
Acq: 29 Jun 2018 8:01

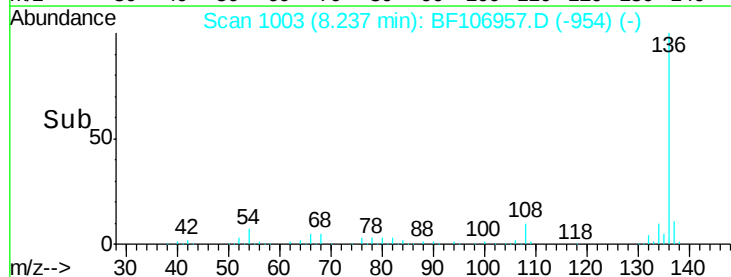
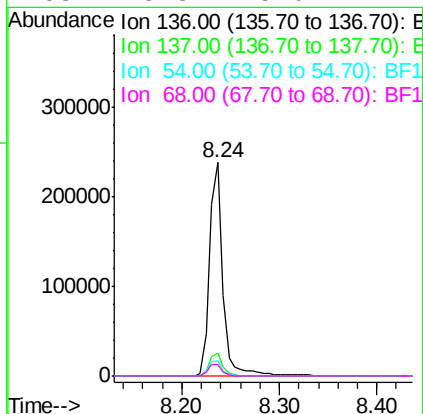
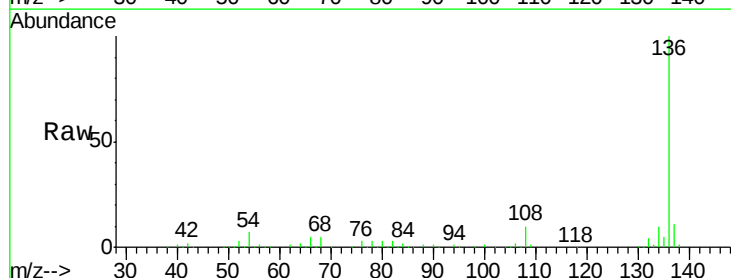
Instrument :
BNA_F
ClientSampleId :
W-31

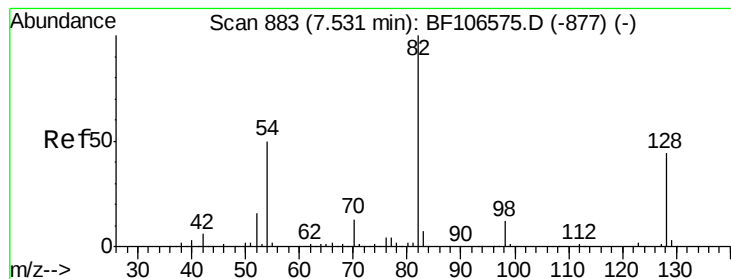
Tgt Ion: 70 Resp: 47946
Ion Ratio Lower Upper
70 100
42 41.9 47.5 71.3#
101 0.0 7.4 11.2#
130 2.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF106957.D
Acq: 29 Jun 2018 8:01

Tgt Ion: 136 Resp: 226158
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.1 6.6 9.8
68 5.3 5.0 7.4





#23

Nitrobenzene-d5

Concen: 87.235 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.02 min

Lab File: BF106957.D

Acq: 29 Jun 2018 8:01

Instrument :

BNA_F

ClientSampleId :

W-31

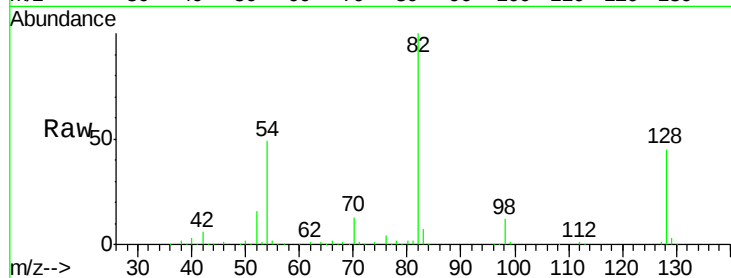
Tgt Ion: 82 Resp: 355004

Ion Ratio Lower Upper

82 100

128 45.0 36.1 54.1

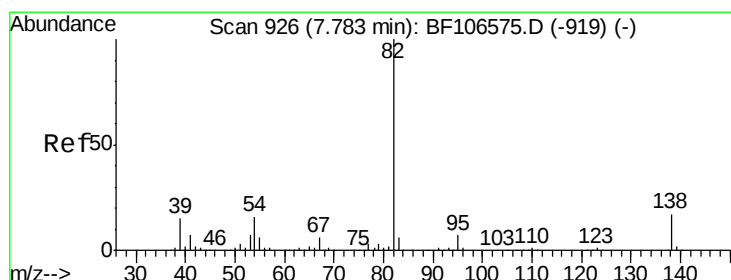
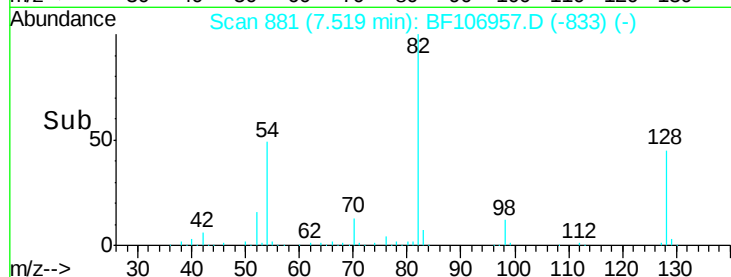
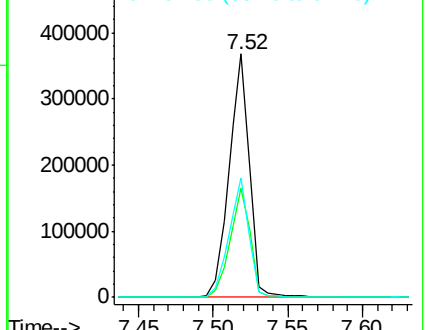
54 49.2 41.4 62.2



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: 49.504 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.27 min

Lab File: BF106957.D

Acq: 29 Jun 2018 8:01

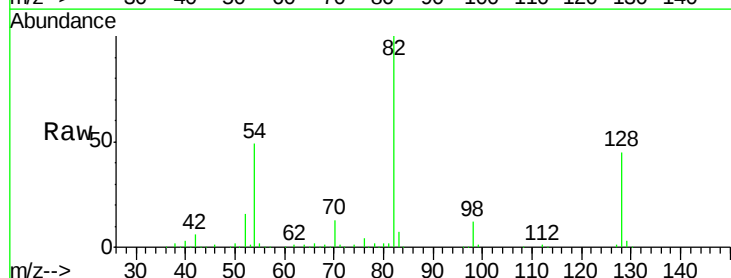
Tgt Ion: 82 Resp: 354997

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

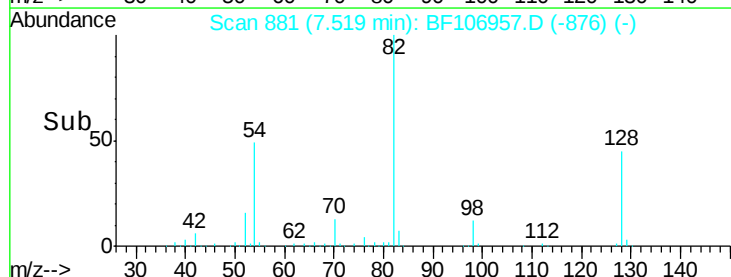
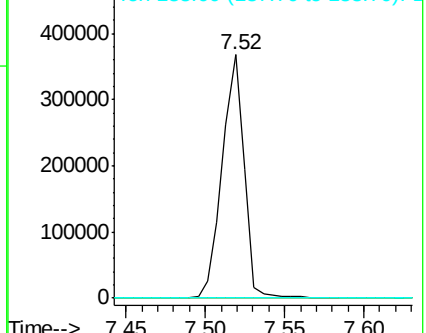
138 0.0 14.9 22.3#

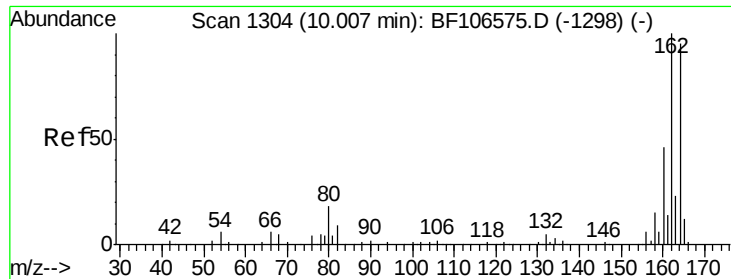


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

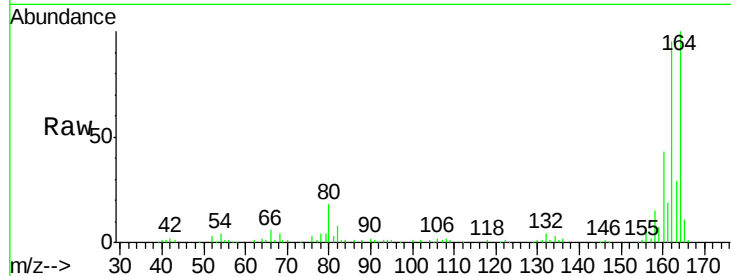




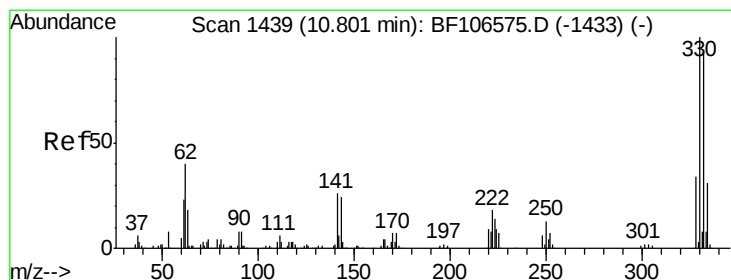
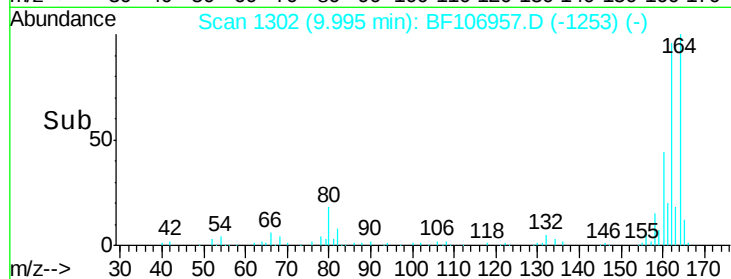
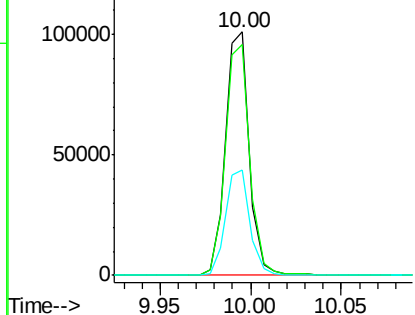
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF106957.D
 Acq: 29 Jun 2018 8:01

Instrument :
 BNA_F
 ClientSampled :
 W-31

Tgt Ion:164 Resp: 92452
 Ion Ratio Lower Upper
 164 100
 162 94.9 86.1 129.1
 160 43.5 38.3 57.5

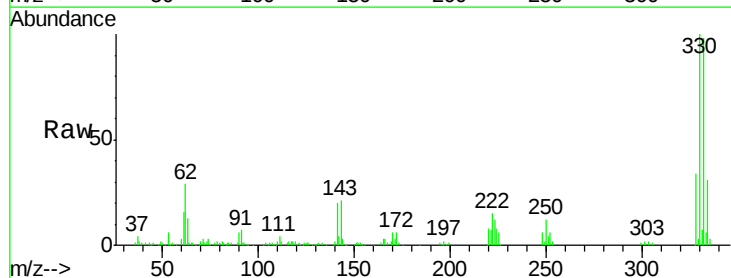


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

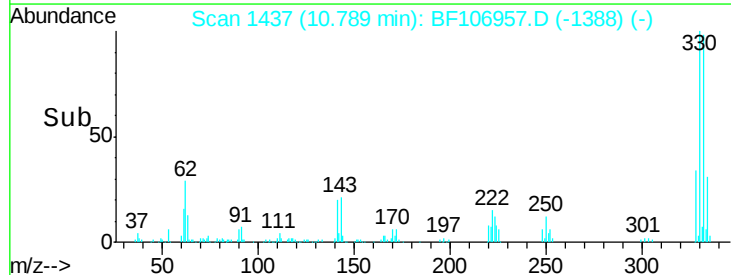
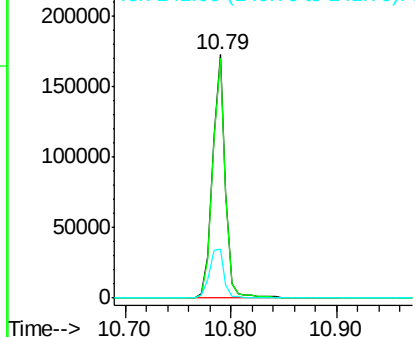


#41
 2,4,6-Tribromophenol
 Concen: 138.364 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF106957.D
 Acq: 29 Jun 2018 8:01

Tgt Ion:330 Resp: 148263
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.0 115.6
 141 23.4 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

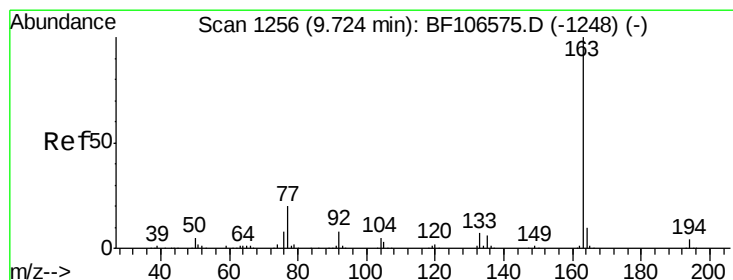
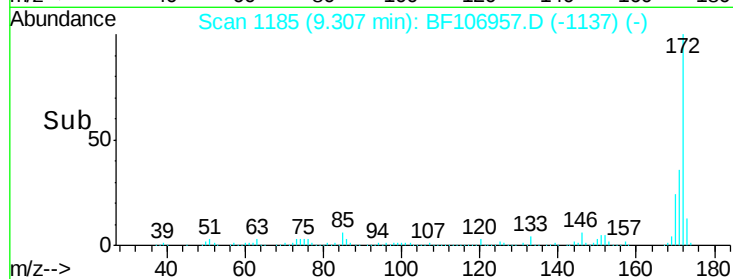
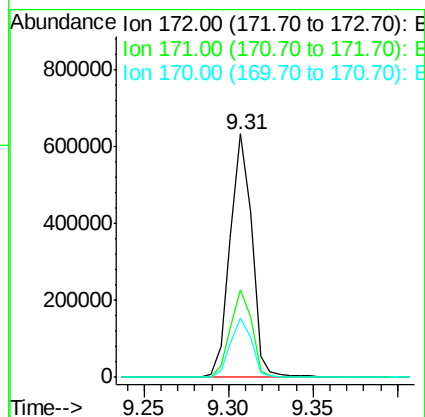
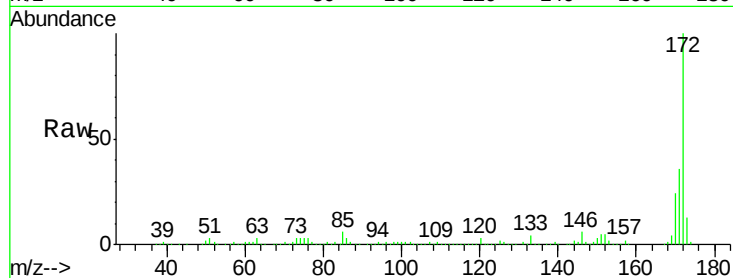




#44
 2-Fluorobiphenyl
 Concen: 108.037 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF106957.D
 Acq: 29 Jun 2018 8:01

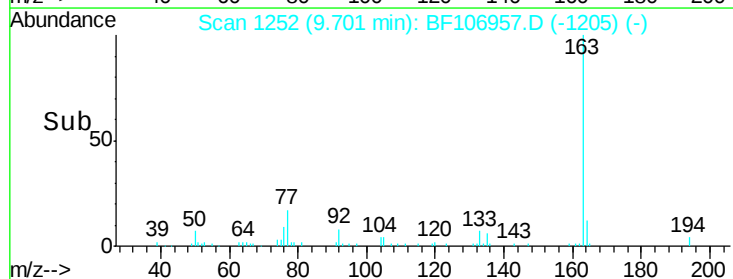
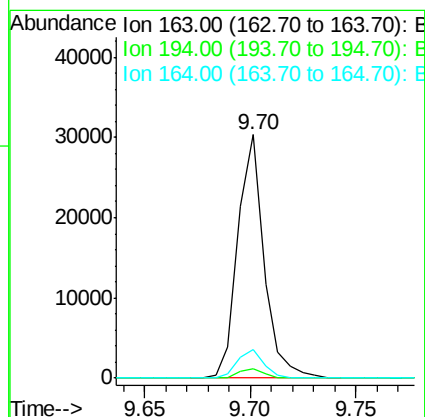
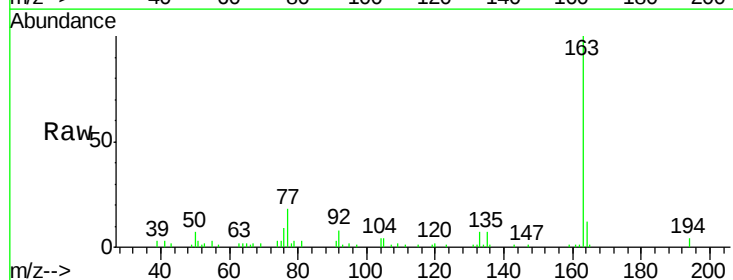
Instrument :
 BNA_F
 ClientSampleId :
 W-31

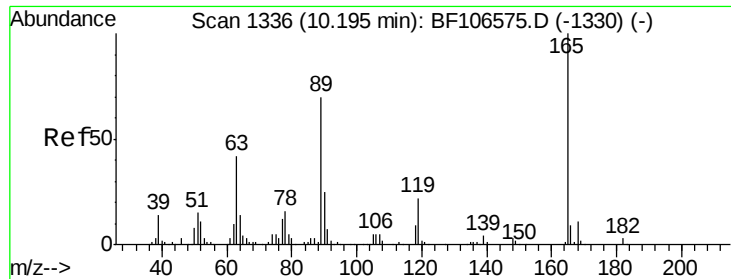
Tgt Ion:172 Resp: 568268
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 24.4 19.6 29.4



#49
 Dimethylphthalate
 Concen: 3.738 ng
 RT: 9.70 min Scan# 1252
 Delta R.T. -0.02 min
 Lab File: BF106957.D
 Acq: 29 Jun 2018 8:01

Tgt Ion:163 Resp: 25917
 Ion Ratio Lower Upper
 163 100
 194 4.0 2.7 4.1
 164 11.5 8.2 12.2

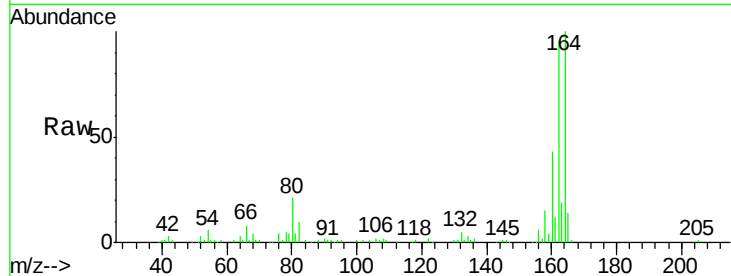




#56
 2,4-Dinitrotoluene
 Concen: 6.110 ng
 RT: 9.99 min Scan# 1301
 Delta R.T. -0.21 min
 Lab File: BF106957.D
 Acq: 29 Jun 2018 8:01

Instrument :
 BNA_F
 ClientSampleId :
 W-31

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

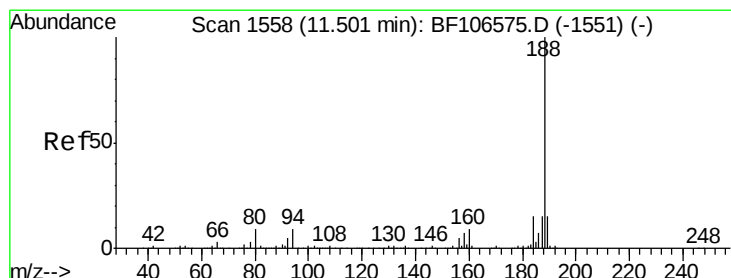
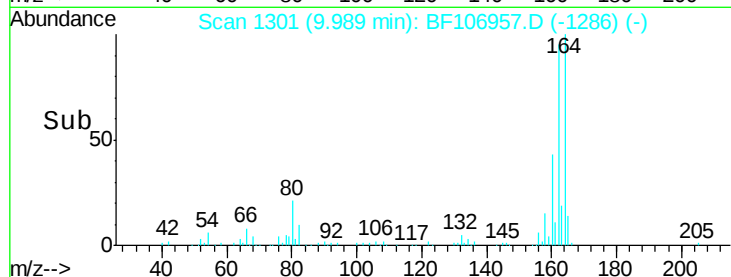
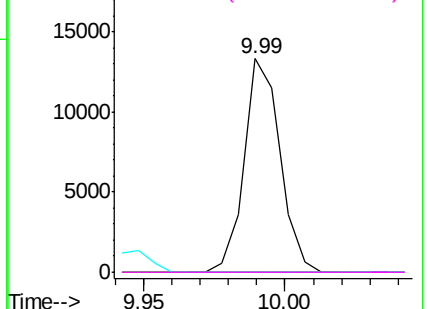


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

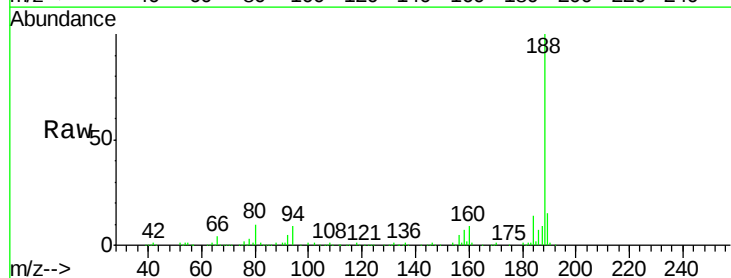
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1555
 Delta R.T. -0.02 min
 Lab File: BF106957.D
 Acq: 29 Jun 2018 8:01

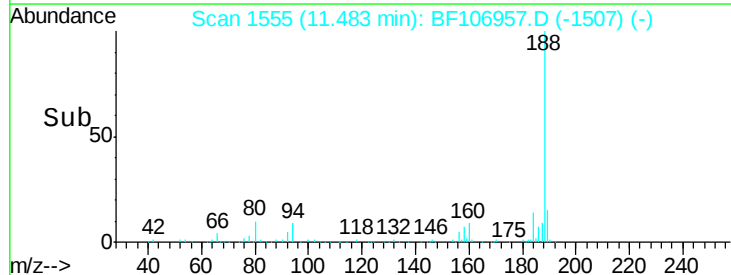
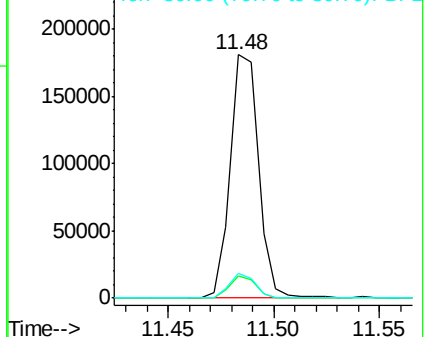
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	10.2	9.2	13.8



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

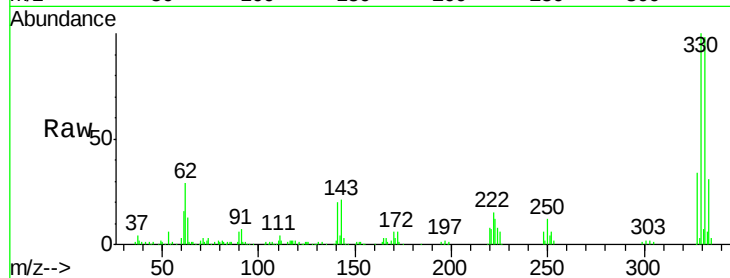




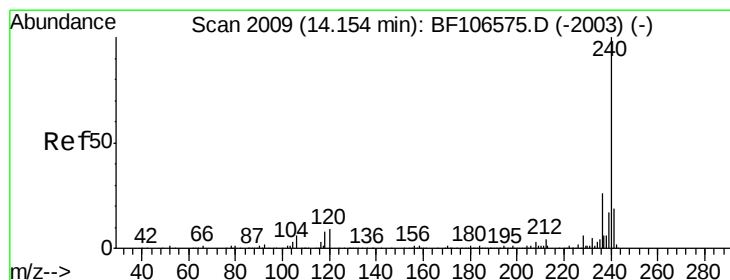
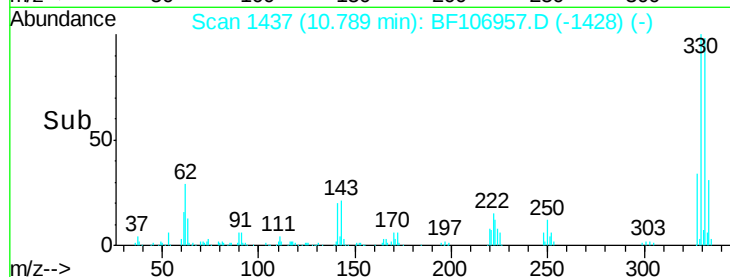
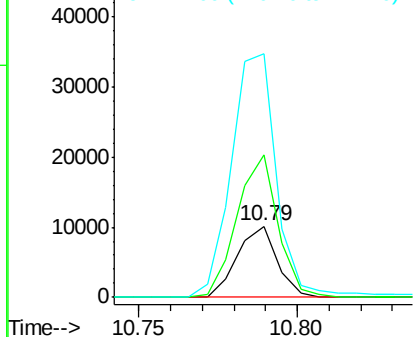
#66
 4-Bromophenyl-phenylether
 Concen: 4.418 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.25 min
 Lab File: BF106957.D
 Acq: 29 Jun 2018 8:01

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion: 248 Resp: 8828
 Ion Ratio Lower Upper
 248 100
 250 199.4 76.9 115.3#
 141 341.3 74.4 111.6#

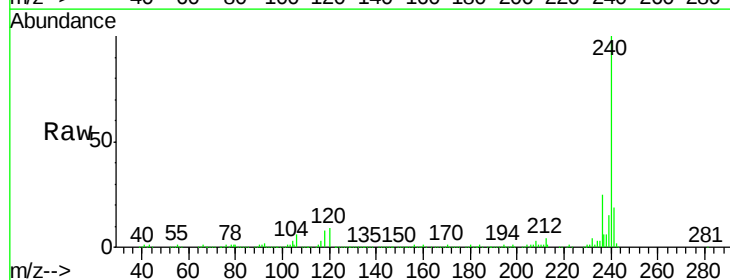


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

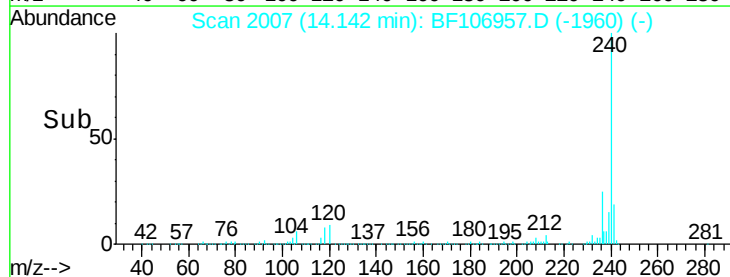
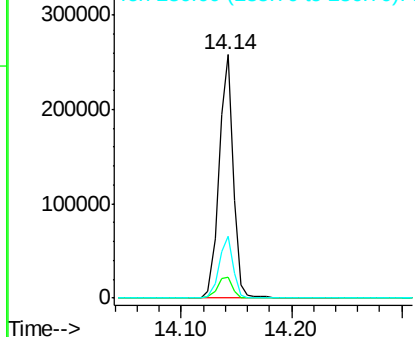


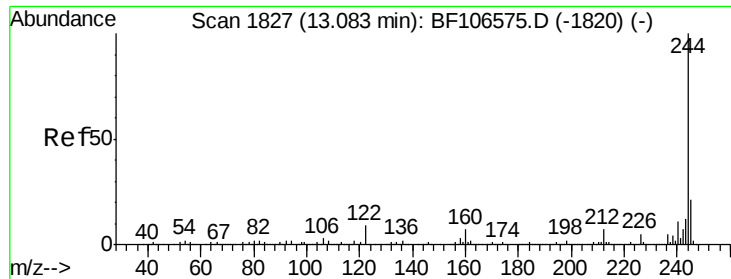
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.02 min
 Lab File: BF106957.D
 Acq: 29 Jun 2018 8:01

Tgt Ion: 240 Resp: 231071
 Ion Ratio Lower Upper
 240 100
 120 8.6 9.5 14.3#
 236 25.4 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: 76.711 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF106957.D

Acq: 29 Jun 2018 8:01

Instrument :

BNA_F

ClientSampleId :

W-31

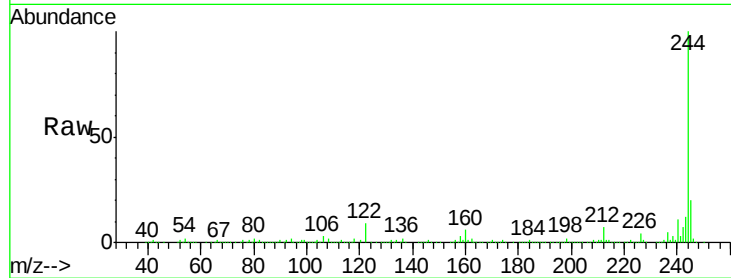
Tgt Ion:244 Resp: 731768

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

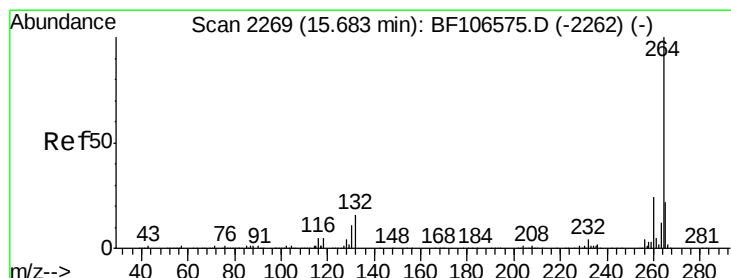
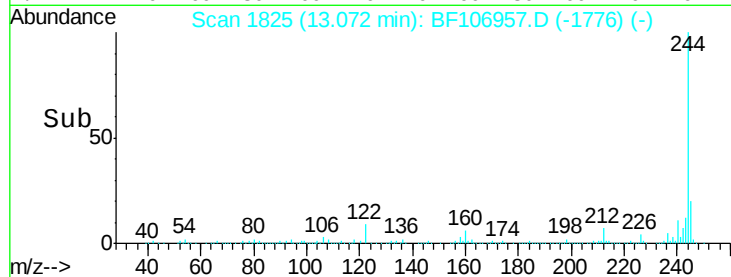
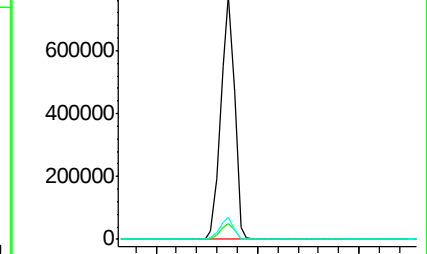
122 8.9 11.0 16.4#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2269

Delta R.T. -0.04 min

Lab File: BF106957.D

Acq: 29 Jun 2018 8:01

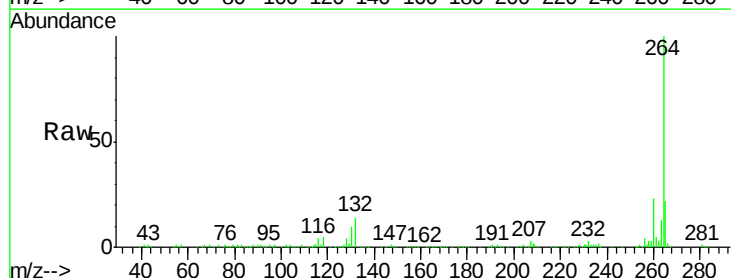
Tgt Ion:264 Resp: 194910

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

265 21.5 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

