

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072718\
 Data File : BF107786.D
 Acq On : 28 Jul 2018 10:03
 Operator : JU/SJ
 Sample : J4199-07
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-A12

Quant Time: Jul 30 01:36:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	160660	20.00	ng	-0.01
21) Naphthalene-d8	8.24	136	623880	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	250374	20.00	ng	-0.02
63) Phenanthrene-d10	11.50	188	448688	20.00	ng	-0.02
75) Chrysene-d12	14.15	240	462168	20.00	ng	-0.02
86) Perylene-d12	15.68	264	375950	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	303967	30.42	ng	-0.01
7) Phenol-d6	6.60	99	290398	24.20	ng	-0.01
23) Nitrobenzene-d5	7.52	82	658882	71.27	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	239245	84.03	ng	-0.02
44) 2-Fluorobiphenyl	9.31	172	1184908	79.66	ng	-0.02
78) Terphenyl-d14	13.08	244	821984	45.53	ng	-0.02

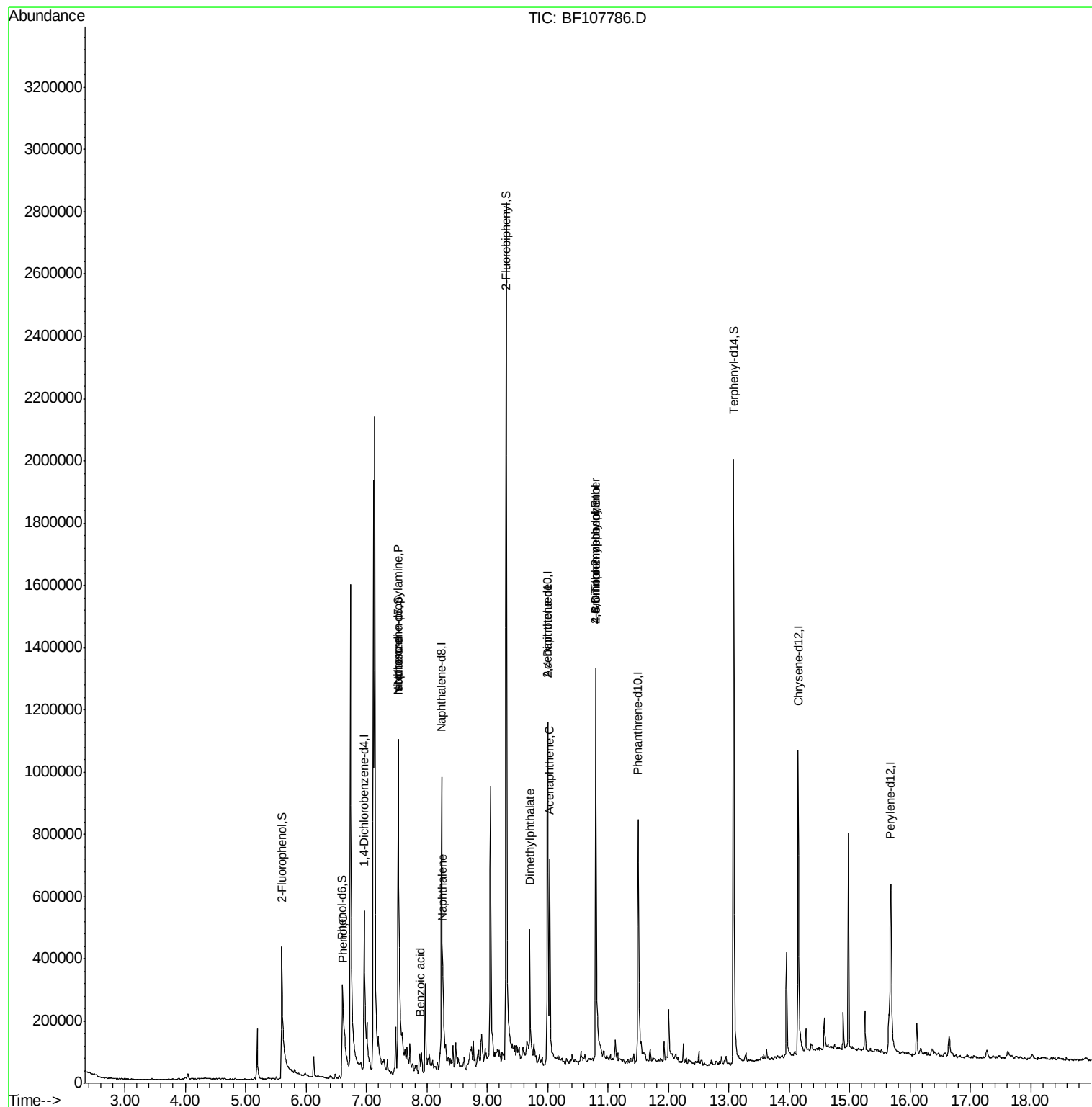
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.55	77	381	Below Cal	#	1
10) Phenol	6.62	94	32560	2.307	ng	# 69
19) n-Nitroso-di-n-propylamine	7.52	70	82575	10.653	ng	# 84
25) Isophorone	7.52	82	658620	33.368	ng	# 65
31) Naphthalene	8.27	128	124740	4.547	ng	# 98
32) Benzoic acid	7.90	122	247	7.935	ng	# 2
49) Dimethylphthalate	9.71	163	195847	10.379	ng	# 100
51) Acenaphthene	10.03	154	169182	10.782	ng	# 98
56) 2,4-Dinitrotoluene	10.00	165	34189	7.560	ng	# 25
64) 4,6-Dinitro-2-methylphenol	10.80	198	250	8.775	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	14196	2.688	ng	# 1
73) Di-n-butylphthalate	12.04	149	2421	Below Cal	#	75
81) 3,3'-Dichlorobenzidine	14.34	252	137	Below Cal	#	27

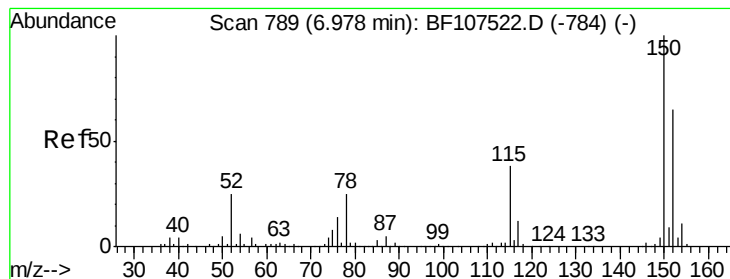
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072718\
Data File : BF107786.D
Acq On : 28 Jul 2018 10:03
Operator : JU/SJ
Sample : J4199-07
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-A12

Quant Time: Jul 30 01:36:06 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration

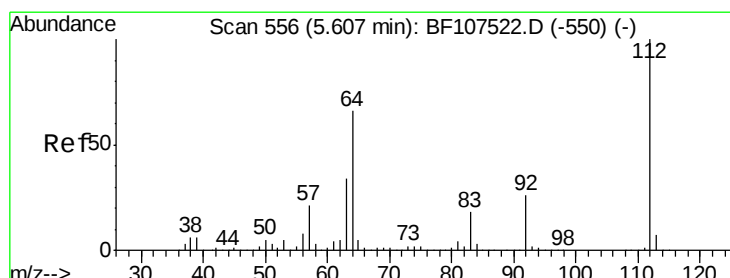
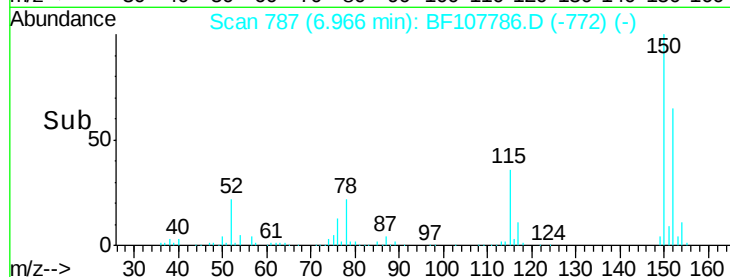
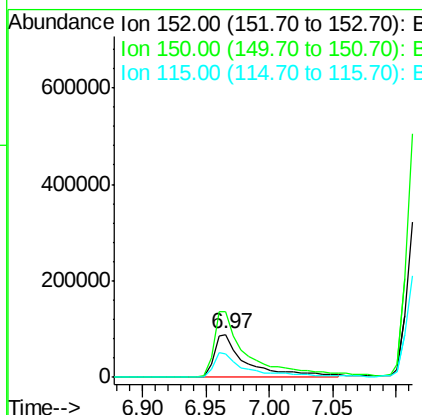
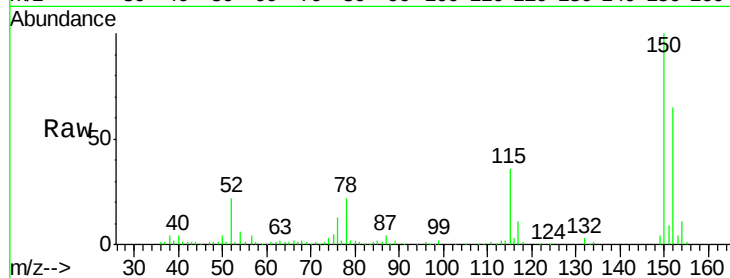




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF107786.D
 Acq: 28 Jul 2018 10:03

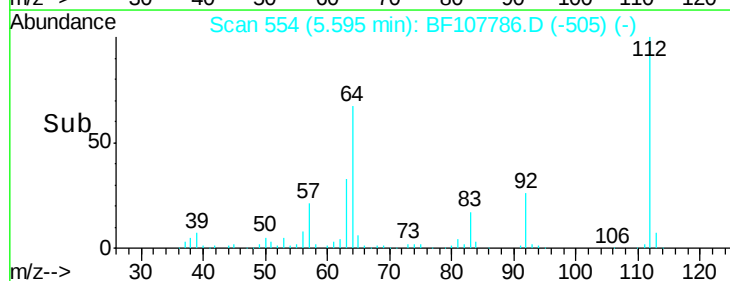
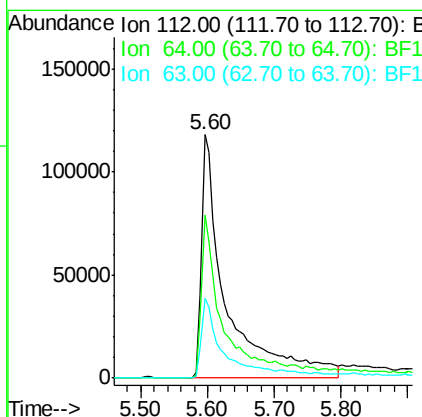
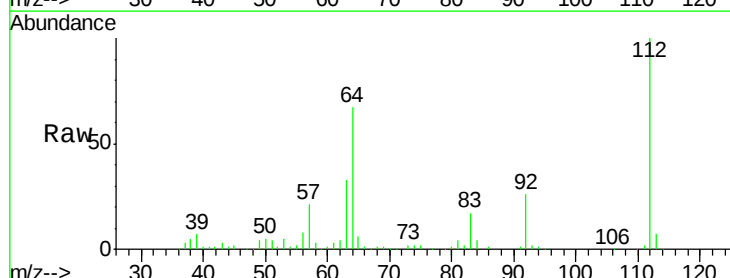
Instrument :
 BNA_F
 ClientSampleId :
 MW-A12

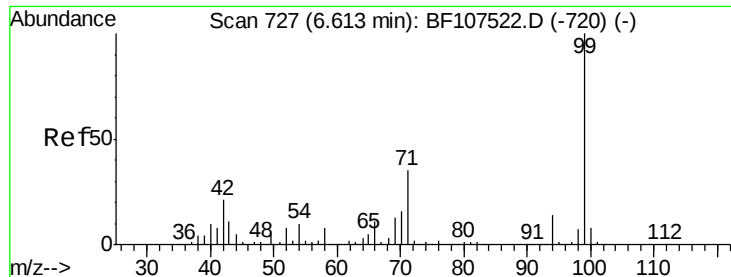
Tgt Ion:152 Resp: 160660
 Ion Ratio Lower Upper
 152 100
 150 153.9 124.6 186.8
 115 55.9 50.1 75.1



#5
 2-Fluorophenol
 Concen: 30.420 ng
 RT: 5.60 min Scan# 554
 Delta R.T. -0.01 min
 Lab File: BF107786.D
 Acq: 28 Jul 2018 10:03

Tgt Ion:112 Resp: 303967
 Ion Ratio Lower Upper
 112 100
 64 66.9 47.9 71.9
 63 32.9 23.7 35.5





#7

Phenol-d6

Concen: 24.203 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107786.D

Acq: 28 Jul 2018 10:03

Instrument :

BNA_F

ClientSampled :

MW-A12

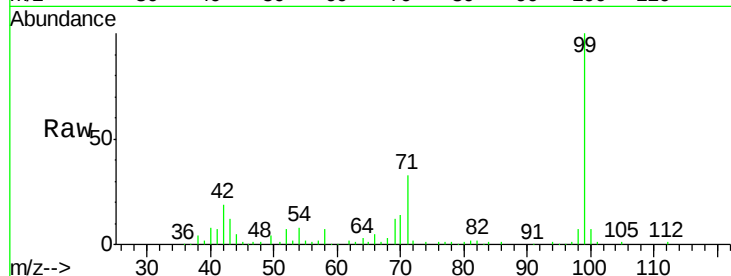
Tgt Ion: 99 Resp: 290398

Ion Ratio Lower Upper

99 100

42 18.9 14.5 21.7

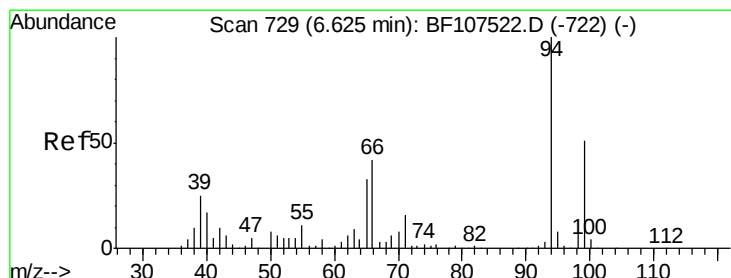
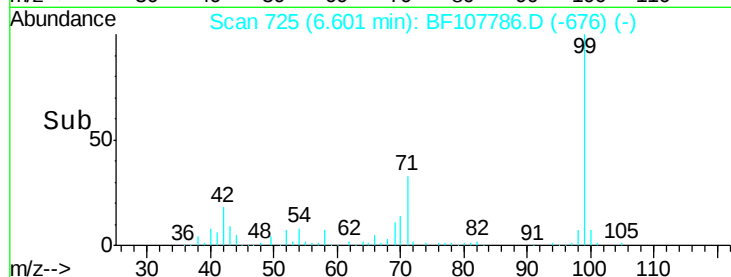
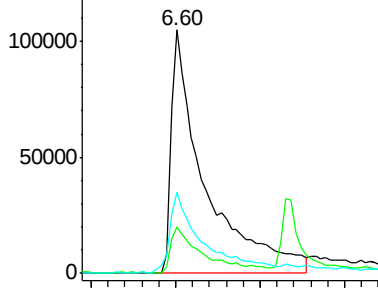
71 33.0 25.4 38.0



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



#10

Phenol

Concen: 2.307 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF107786.D

Acq: 28 Jul 2018 10:03

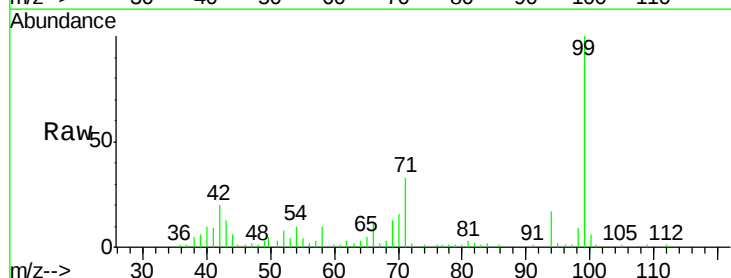
Tgt Ion: 94 Resp: 32560

Ion Ratio Lower Upper

94 100

65 29.9 7.9 47.9

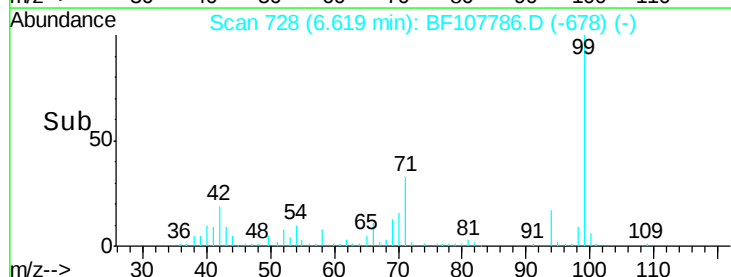
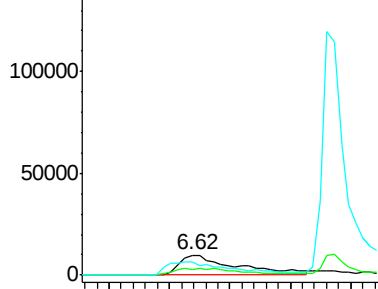
66 67.3 16.2 56.2#

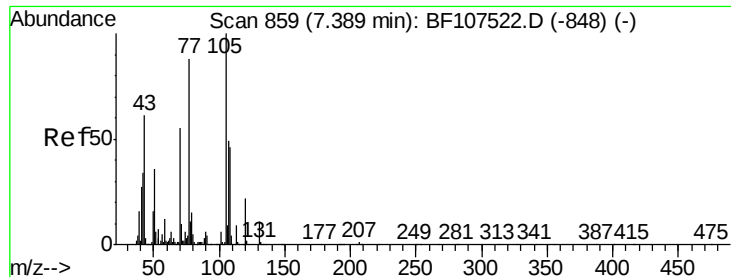


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

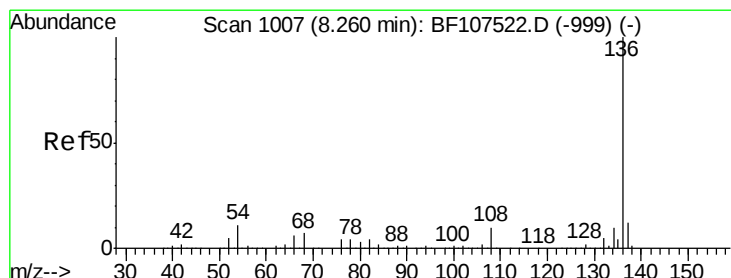
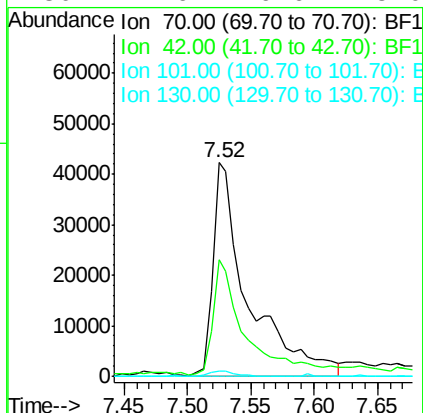
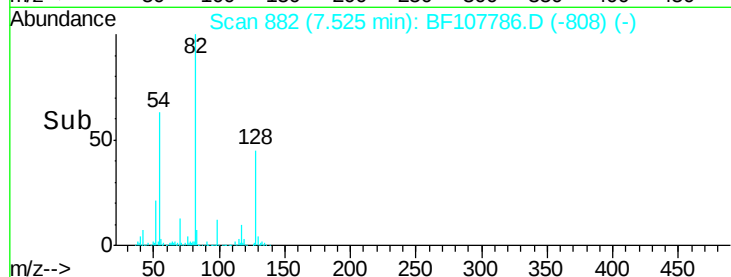
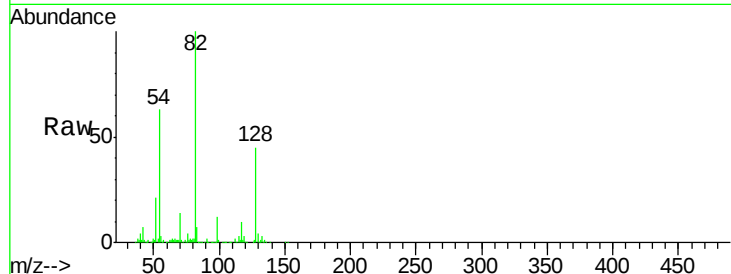




#19
n-Nitroso-di-n-propylamine
Concen: 10.653 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.14 min
Lab File: BF107786.D
Acq: 28 Jul 2018 10:03

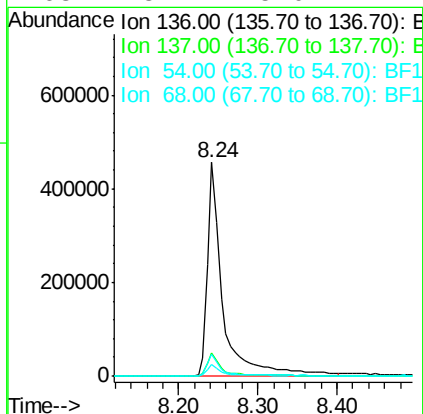
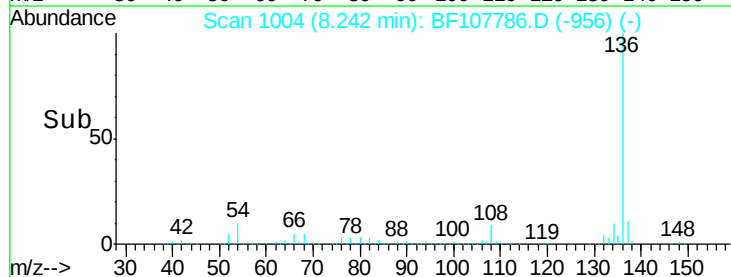
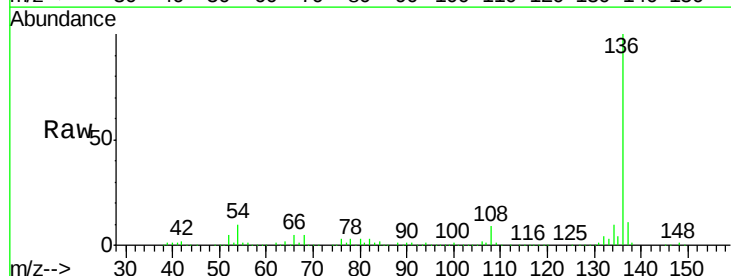
Instrument :
BNA_F
ClientSampleId :
MW-A12

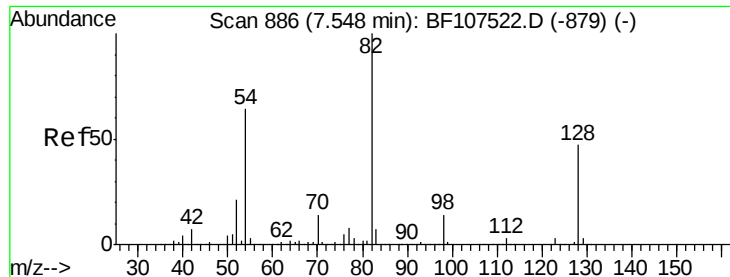
Tgt Ion: 70 Resp: 82575
Ion Ratio Lower Upper
70 100
42 54.5 47.5 71.3
101 0.0 7.4 11.2#
130 2.6 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF107786.D
Acq: 28 Jul 2018 10:03

Tgt Ion: 136 Resp: 623880
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 9.9 6.6 9.8#
68 5.2 5.0 7.4





#23

Nitrobenzene-d5

Concen: 71.274 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.02 min

Lab File: BF107786.D

Acq: 28 Jul 2018 10:03

Instrument :

BNA_F

ClientSampleId :

MW-A12

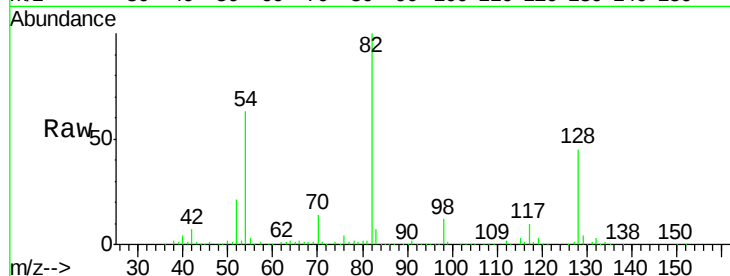
Tgt Ion: 82 Resp: 658882

Ion Ratio Lower Upper

82 100

128 45.3 36.1 54.1

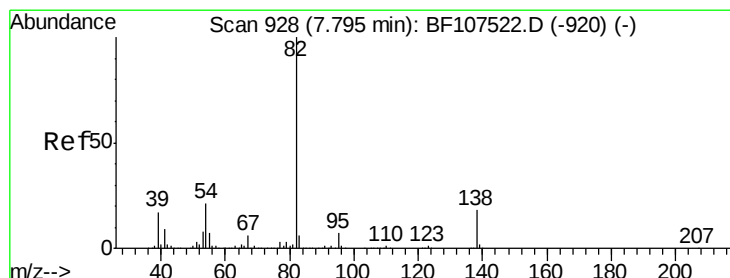
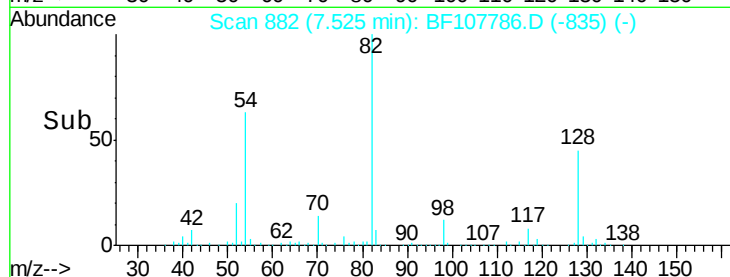
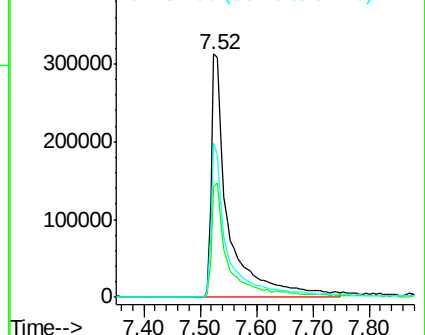
54 63.2 41.4 62.2#



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: 33.368 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.27 min

Lab File: BF107786.D

Acq: 28 Jul 2018 10:03

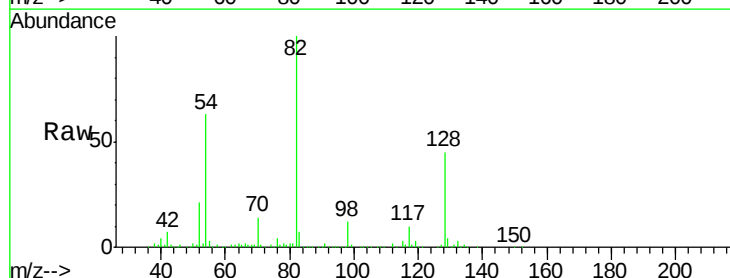
Tgt Ion: 82 Resp: 658620

Ion Ratio Lower Upper

82 100

95 0.3 5.2 7.8#

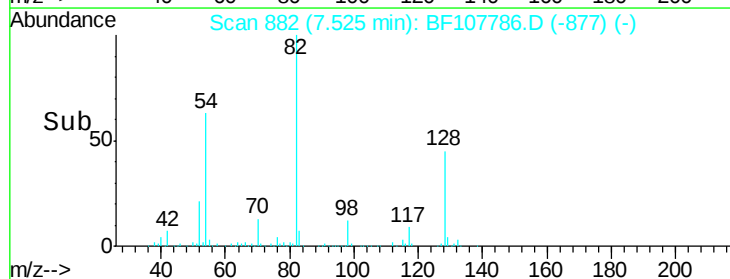
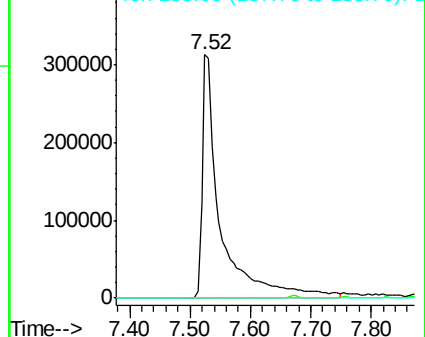
138 0.1 14.9 22.3#

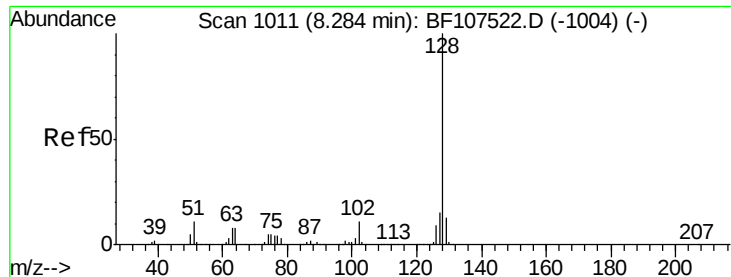


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

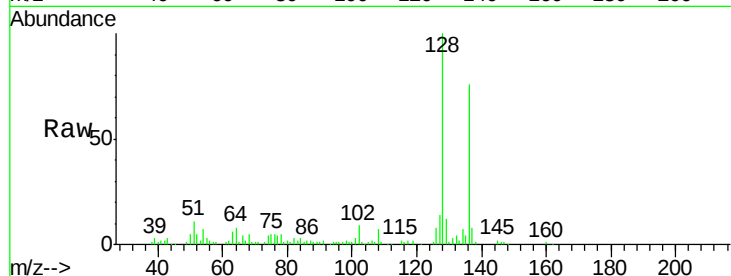




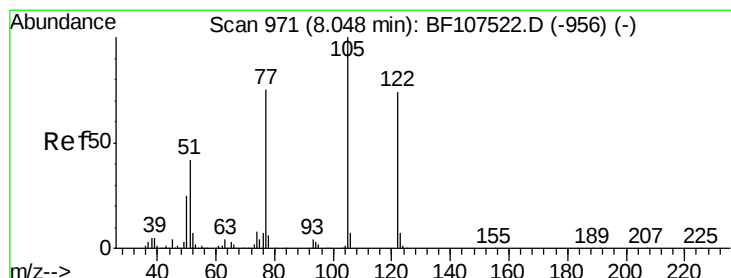
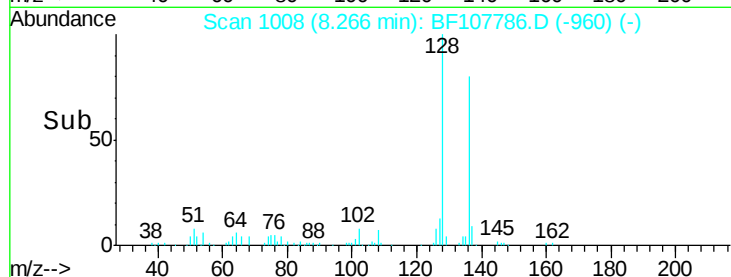
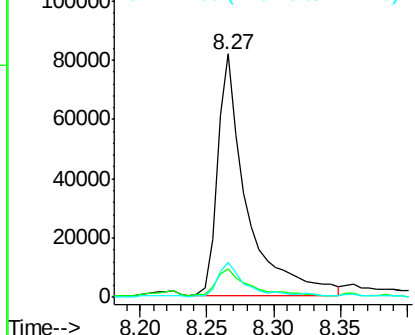
#31
Naphthalene
Concen: 4.547 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BF107786.D
Acq: 28 Jul 2018 10:03

Instrument :
BNA_F
ClientSampleId :
MW-A12

Tgt Ion:128 Resp: 124740
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 14.3 10.9 16.3

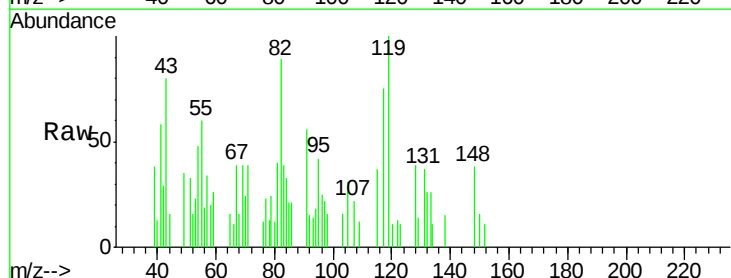


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

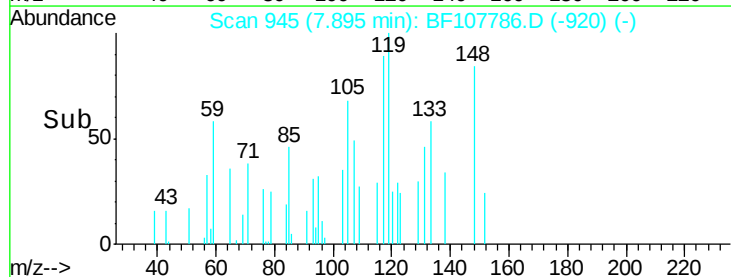
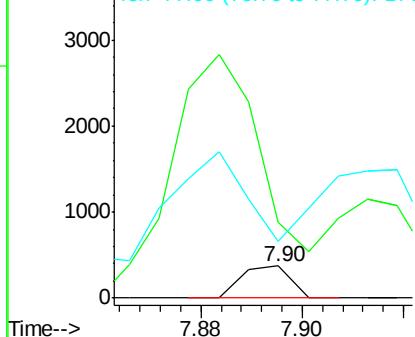


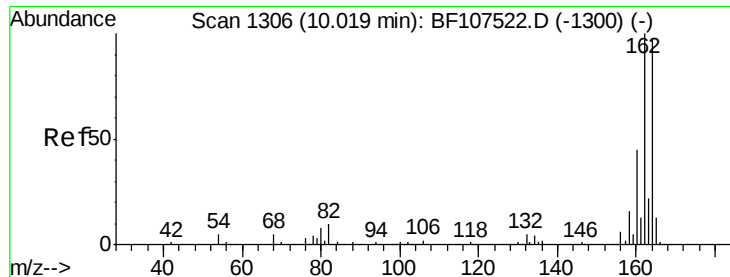
#32
Benzoic acid
Concen: 7.935 ng
RT: 7.90 min Scan# 945
Delta R.T. -0.15 min
Lab File: BF107786.D
Acq: 28 Jul 2018 10:03

Tgt Ion:122 Resp: 247
Ion Ratio Lower Upper
122 100
105 237.0 101.1 141.1#
77 177.0 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

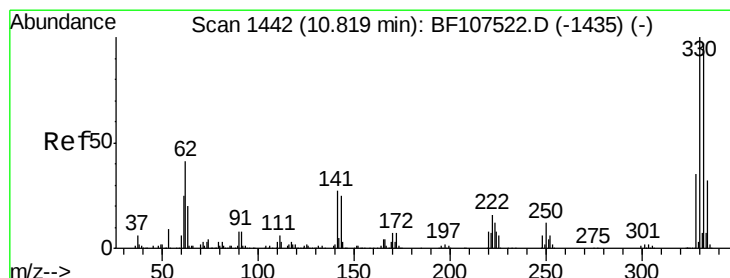
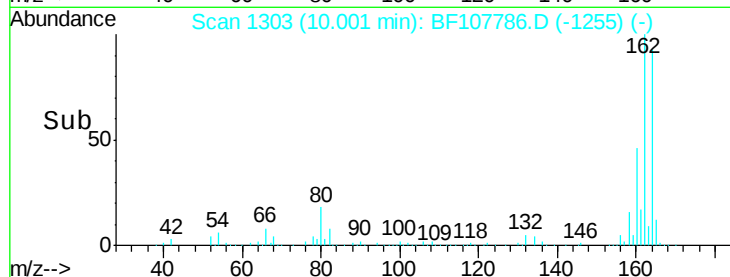
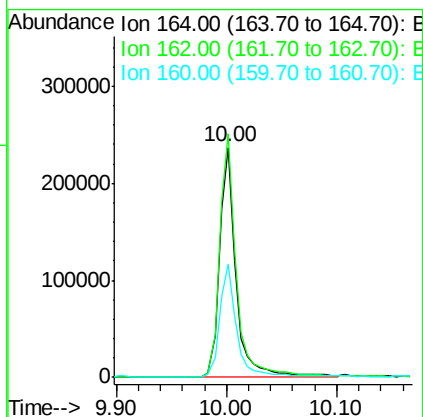
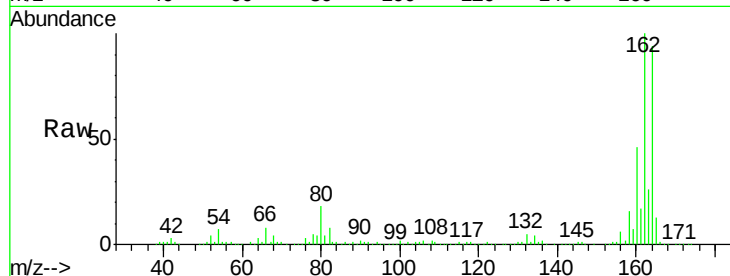




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.02 min
 Lab File: BF107786.D
 Acq: 28 Jul 2018 10:03

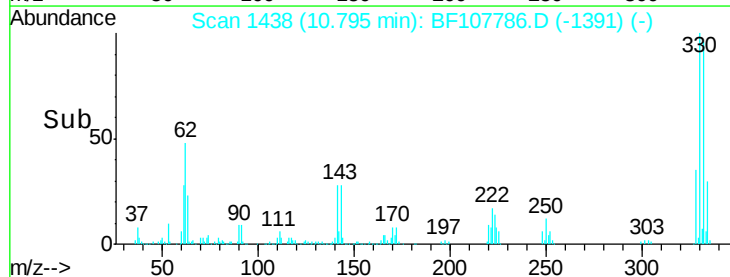
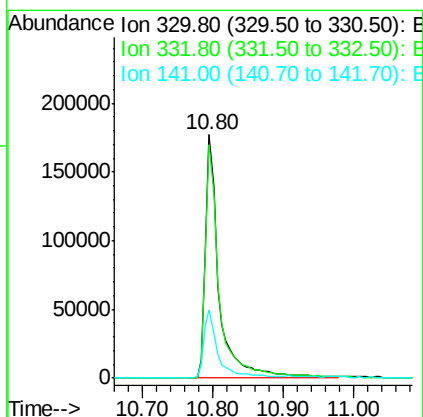
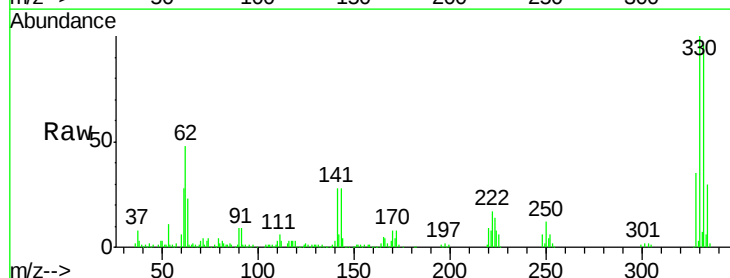
Instrument :
 BNA_F
 ClientSampleId :
 MW-A12

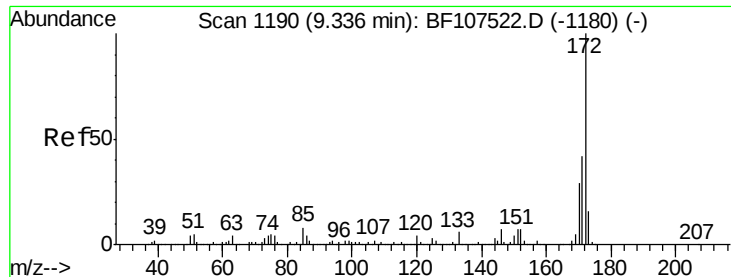
Tgt Ion:164 Resp: 250374
 Ion Ratio Lower Upper
 164 100
 162 106.0 86.1 129.1
 160 49.1 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 84.030 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.02 min
 Lab File: BF107786.D
 Acq: 28 Jul 2018 10:03

Tgt Ion:330 Resp: 239245
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.0 115.6
 141 28.2 29.9 44.9#

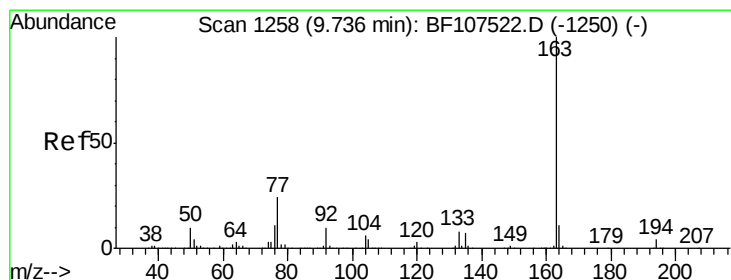
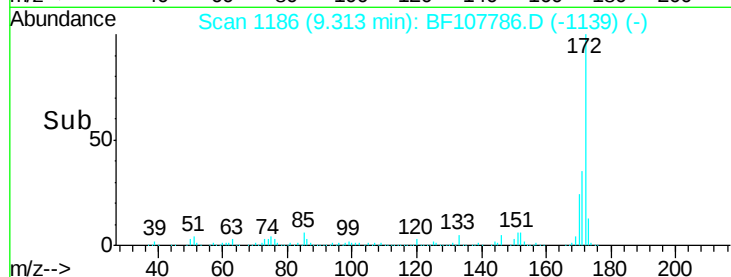
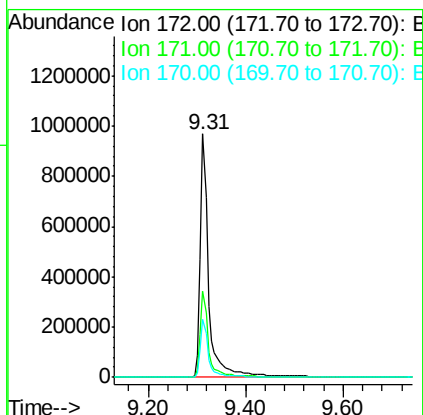
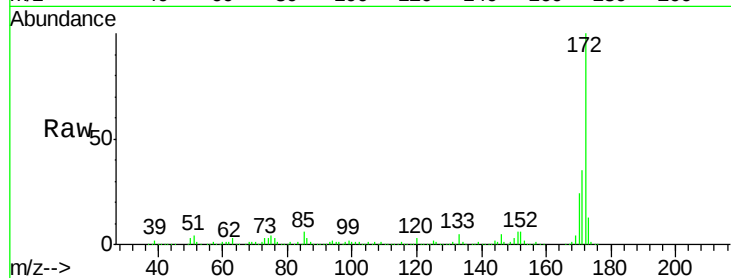




#44
2-Fluorobiphenyl
Concen: 79.663 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.02 min
Lab File: BF107786.D
Acq: 28 Jul 2018 10:03

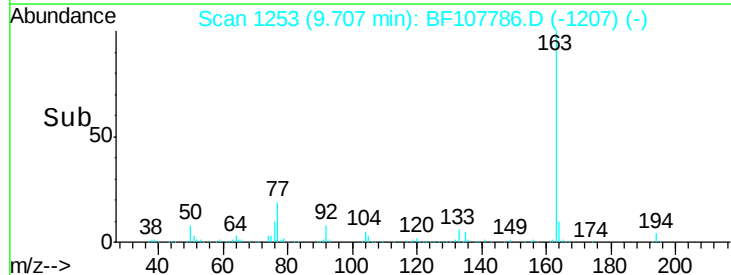
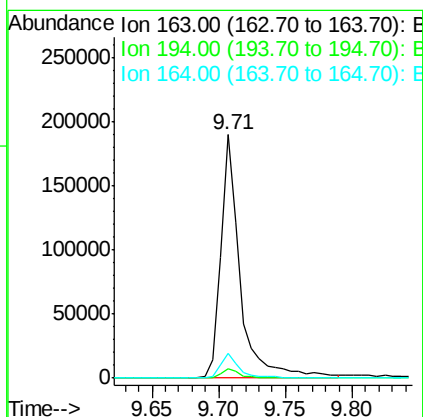
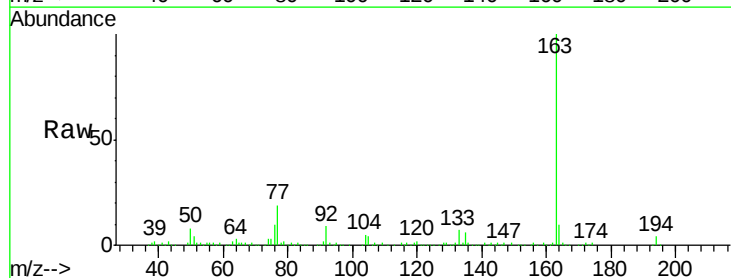
Instrument :
BNA_F
ClientSampleId :
MW-A12

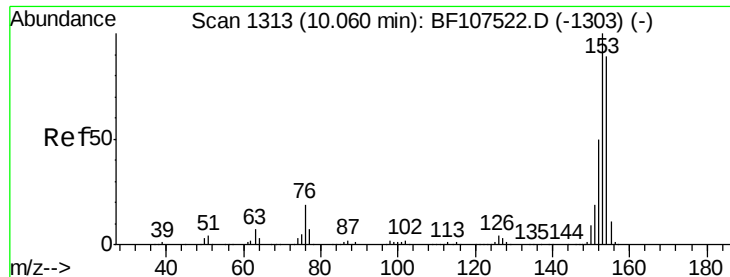
Tgt Ion:172 Resp: 1184908
Ion Ratio Lower Upper
172 100
171 35.4 29.7 44.5
170 24.0 19.6 29.4



#49
Dimethylphthalate
Concen: 10.379 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.03 min
Lab File: BF107786.D
Acq: 28 Jul 2018 10:03

Tgt Ion:163 Resp: 195847
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.3 8.2 12.2





#51

Acenaphthene

Concen: 10.782 ng

RT: 10.03 min Scan# 1308

Delta R.T. -0.03 min

Lab File: BF107786.D

Acq: 28 Jul 2018 10:03

Instrument :

BNA_F

ClientSampleId :

MW-A12

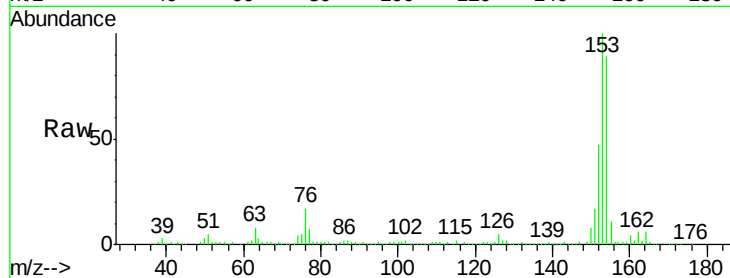
Tgt Ion:154 Resp: 169182

Ion Ratio Lower Upper

154 100

153 112.5 91.2 136.8

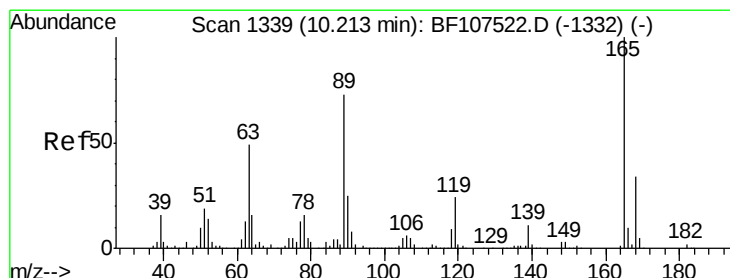
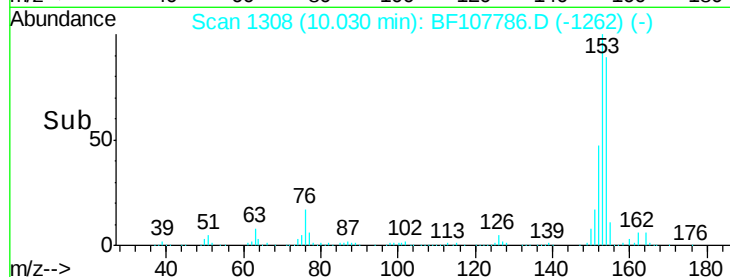
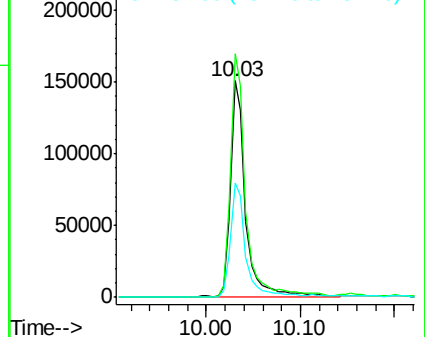
152 52.9 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#56

2,4-Dinitrotoluene

Concen: 7.560 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.21 min

Lab File: BF107786.D

Acq: 28 Jul 2018 10:03

Tgt Ion:165 Resp: 34189

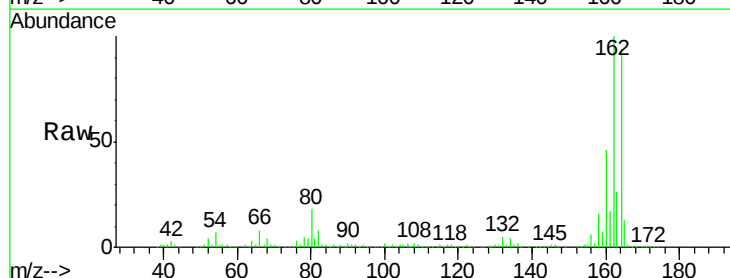
Ion Ratio Lower Upper

165 100

63 2.6 36.4 54.6#

89 2.6 57.8 86.6#

182 0.0 1.6 2.4#

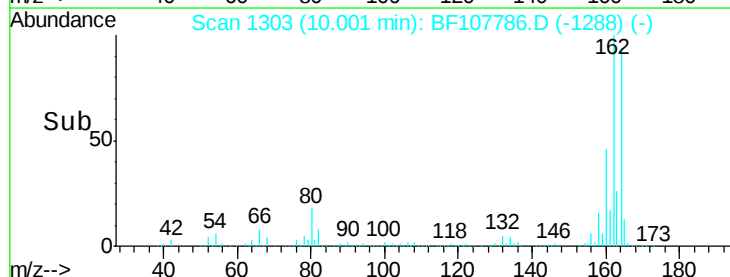
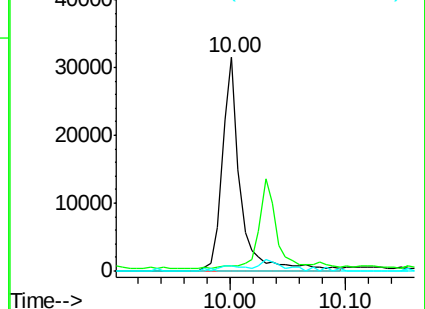


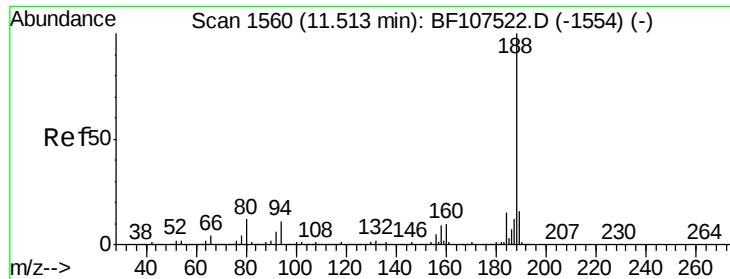
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.50 min Scan# 1557

Delta R.T. -0.02 min

Lab File: BF107786.D

Acq: 28 Jul 2018 10:03

Instrument :

BNA_F

ClientSampleId :

MW-A12

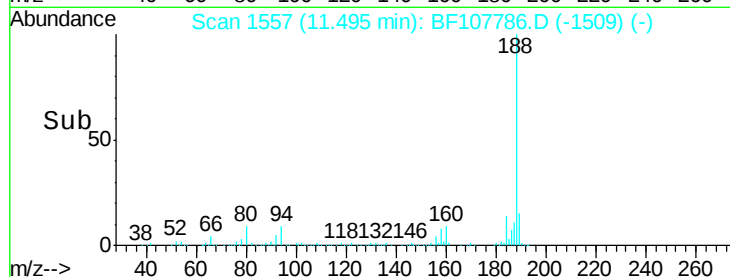
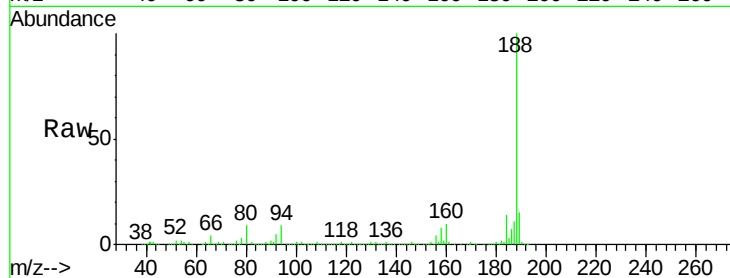
Tgt Ion:188 Resp: 448688

Ion Ratio Lower Upper

188 100

94 8.8 8.5 12.7

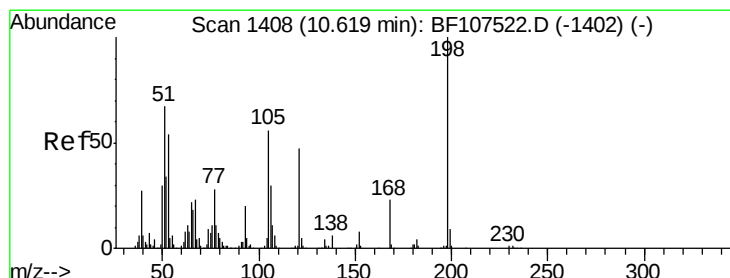
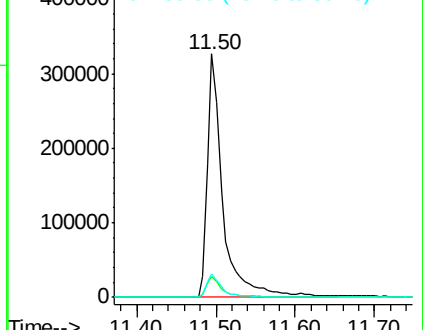
80 9.5 9.2 13.8



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



#64

4,6-Dinitro-2-methylphenol

Concen: 8.775 ng

RT: 10.80 min Scan# 1439

Delta R.T. 0.18 min

Lab File: BF107786.D

Acq: 28 Jul 2018 10:03

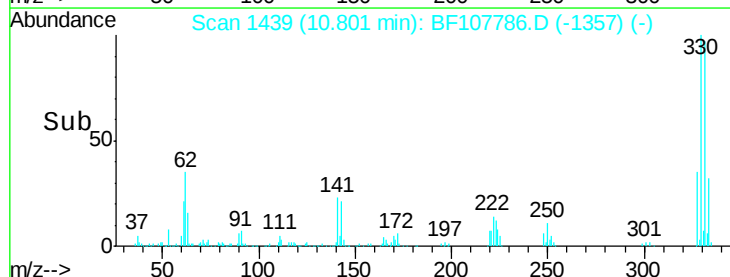
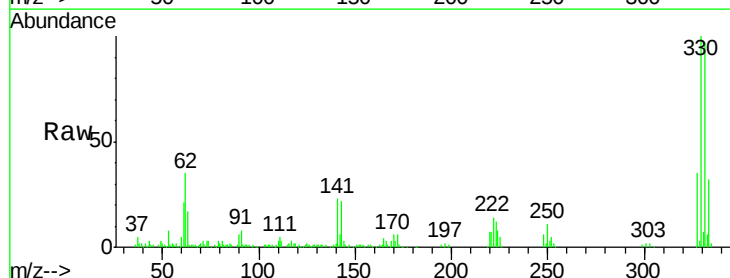
Tgt Ion:198 Resp: 250

Ion Ratio Lower Upper

198 100

51 267.2 37.7 77.7#

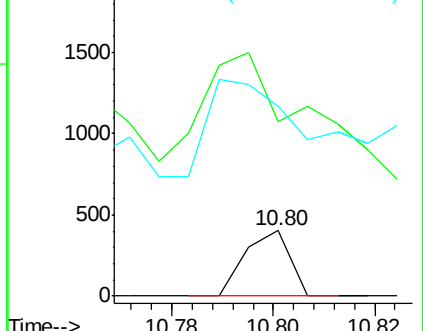
105 289.8 36.3 76.3#

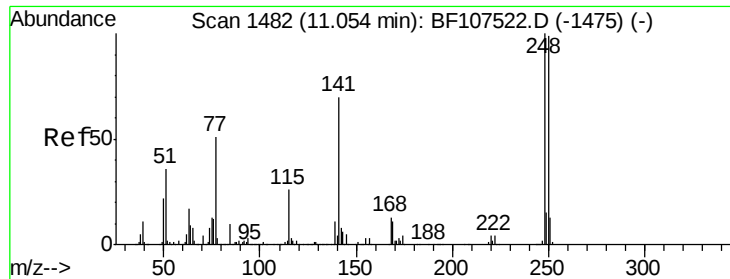


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

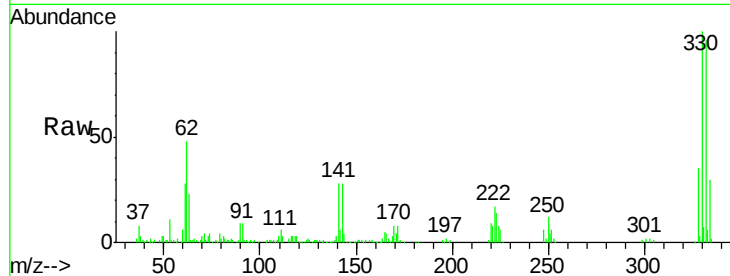




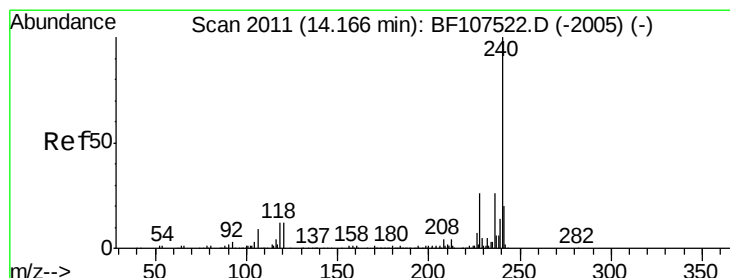
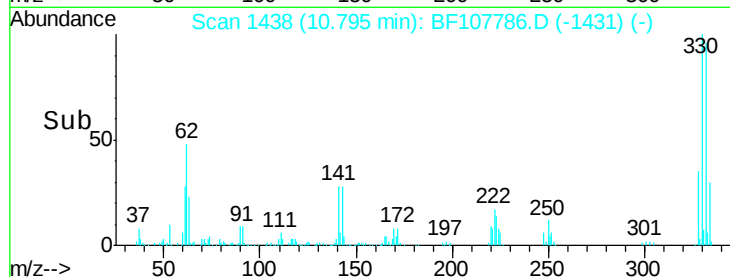
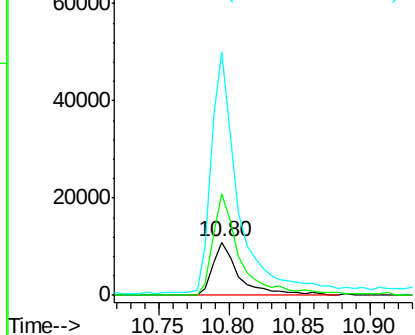
#66
 4-Bromophenyl-phenylether
 Concen: 2.688 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.26 min
 Lab File: BF107786.D
 Acq: 28 Jul 2018 10:03

Instrument :
 BNA_F
 ClientSampleId :
 MW-A12

Tgt Ion:248 Resp: 14196
 Ion Ratio Lower Upper
 248 100
 250 189.7 76.9 115.3#
 141 455.5 74.4 111.6#

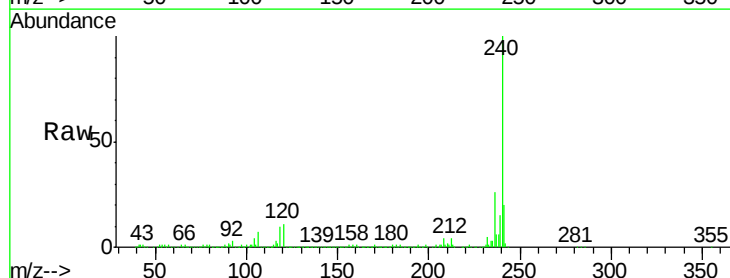


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

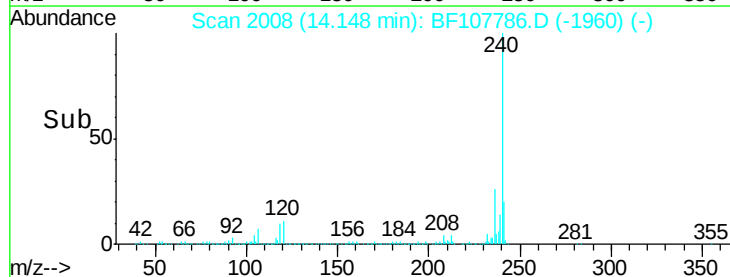
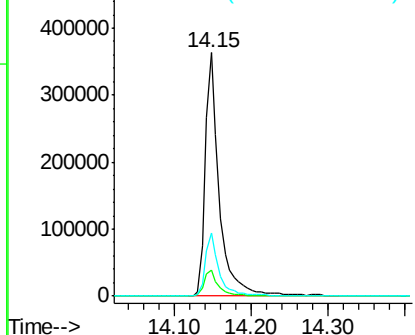


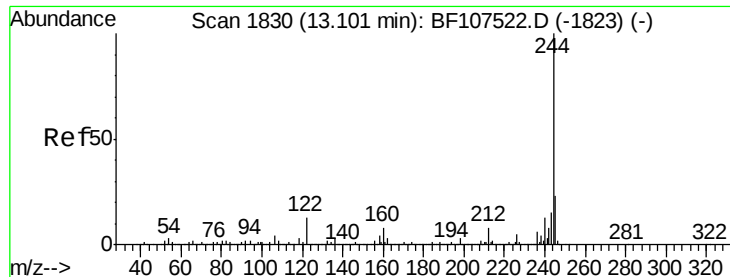
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2008
 Delta R.T. -0.02 min
 Lab File: BF107786.D
 Acq: 28 Jul 2018 10:03

Tgt Ion:240 Resp: 462168
 Ion Ratio Lower Upper
 240 100
 120 10.7 9.5 14.3
 236 26.1 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: 45.532 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BF107786.D

Acq: 28 Jul 2018 10:03

Instrument :

BNA_F

ClientSampleId :

MW-A12

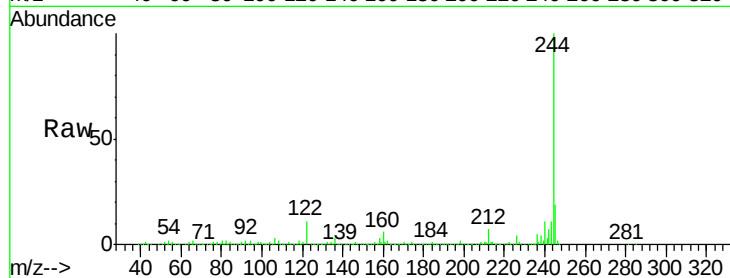
Tgt Ion:244 Resp: 821984

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

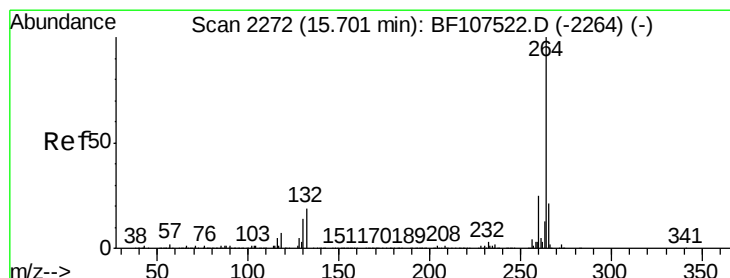
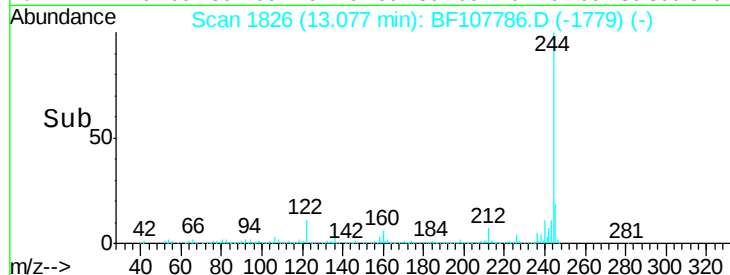
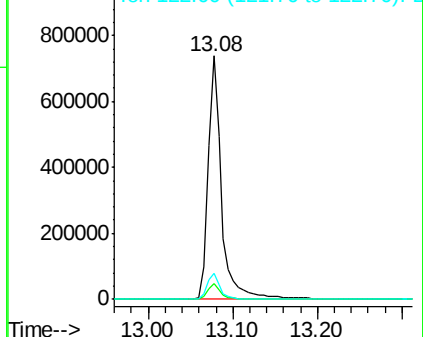
122 10.7 11.0 16.4#



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# 2268

Delta R.T. -0.02 min

Lab File: BF107786.D

Acq: 28 Jul 2018 10:03

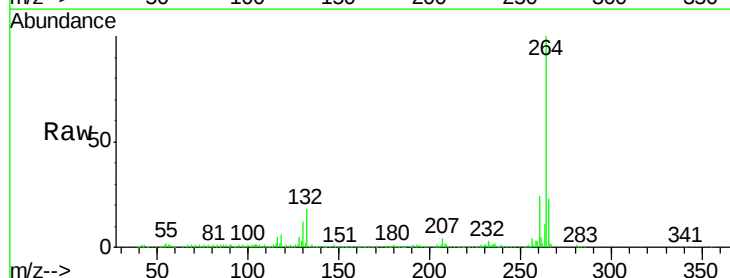
Tgt Ion:264 Resp: 375950

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 22.6 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

