

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
 Data File : BF107729.D
 Acq On : 27 Jul 2018 5:57
 Operator : JU/SJ
 Sample : J4142-07
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-12

Quant Time: Jul 27 08:23:13 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	179627	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	656564	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	273869	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	507762	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	447310	20.00	ng	-0.02
86) Perylene-d12	15.67	264	476053	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	570435	51.06	ng	-0.01
7) Phenol-d6	6.60	99	509730	38.00	ng	-0.02
23) Nitrobenzene-d5	7.53	82	784793	80.67	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	362428	116.37	ng	-0.02
44) 2-Fluorobiphenyl	9.32	172	1387263	87.43	ng	-0.02
78) Terphenyl-d14	13.08	244	1149387	65.78	ng	-0.02

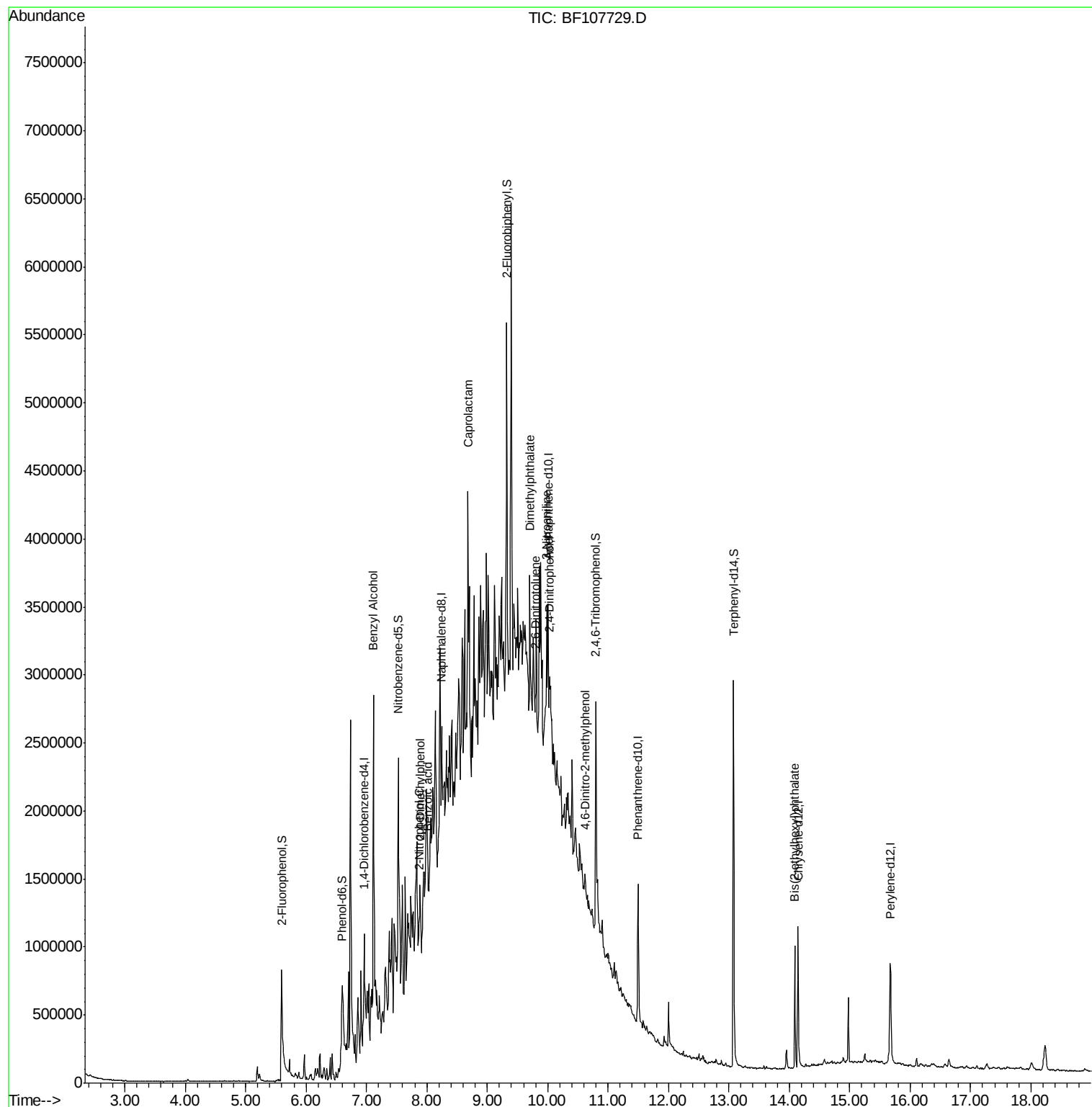
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.51	77	685	Below Cal	#	1
15) Benzyl Alcohol	7.12	79	19868	2.173	ng	45
26) 2-Nitrophenol	7.87	139	9740	2.070	ng	1
27) 2,4-Dimethylphenol	7.90	122	22836	2.564	ng	1
32) Benzoic acid	8.02	122	14297	9.821	ng	26
35) Caprolactam	8.68	113	8469	2.860	ng	1
49) Dimethylphthalate	9.71	163	254552	12.333	ng	92
50) 2,6-Dinitrotoluene	9.80	165	17482	4.266	ng	33
52) 3-Nitroaniline	9.98	138	24838	4.982	ng	15
53) 2,4-Dinitrophenol	10.03	184	109	8.358	ng	1
64) 4,6-Dinitro-2-methylphenol	10.61	198	684	8.909	ng	1
73) Di-n-butylphthalate	12.04	149	3308	Below Cal	#	69
81) 3,3'-Dichlorobenzidine	14.09	252	123	Below Cal	#	27
83) Bis(2-ethylhexyl)phthalate	14.09	149	257292	13.858	ng	99

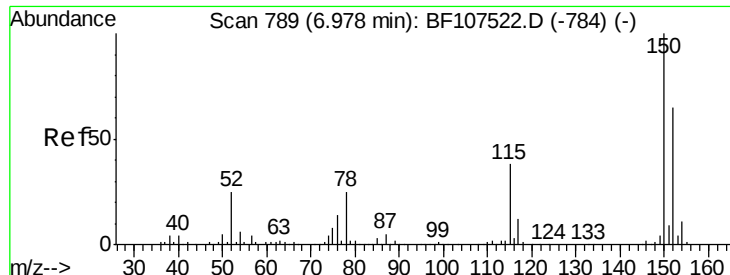
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107729.D
Acq On : 27 Jul 2018 5:57
Operator : JU/SJ
Sample : J4142-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-12

Quant Time: Jul 27 08:23:13 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



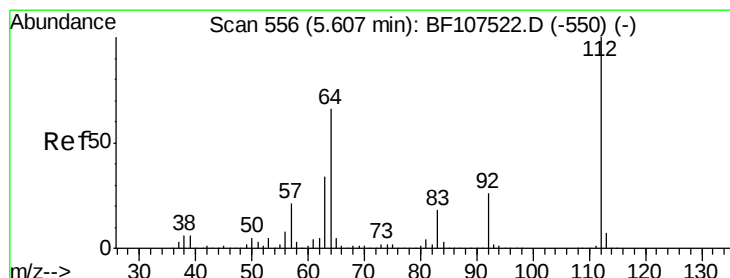
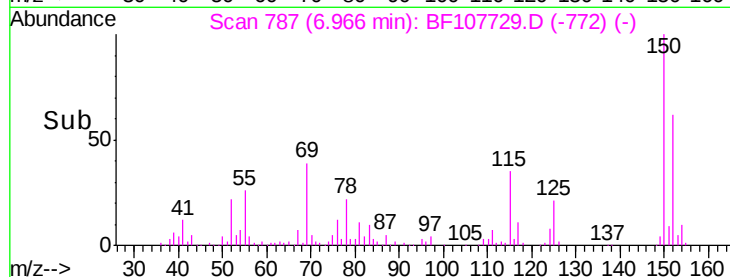
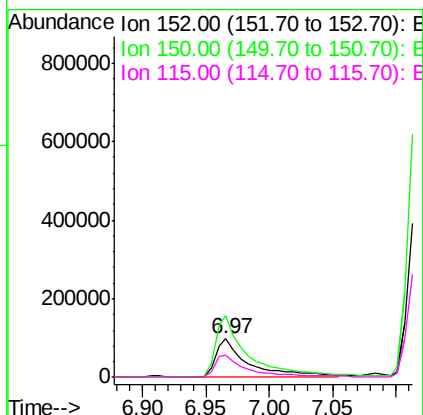
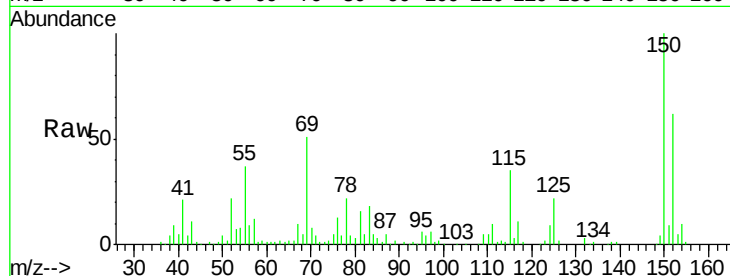


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107729.D
Acq: 27 Jul 2018 5:57

Instrument :
BNA_F
ClientSampleId :
MW-12

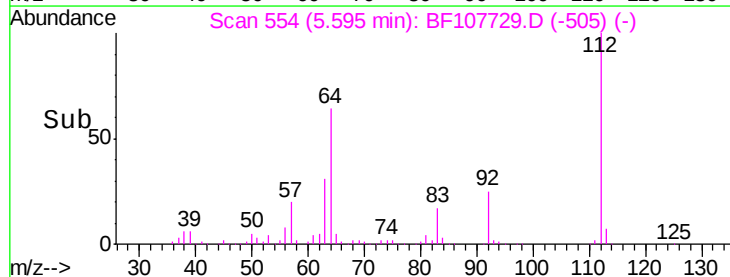
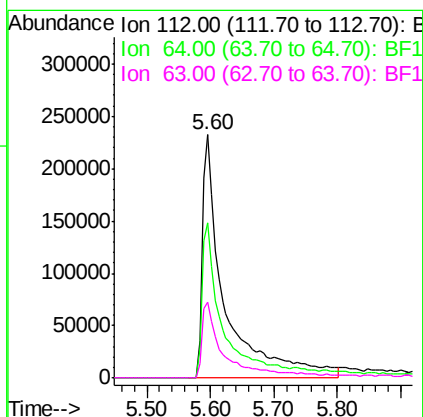
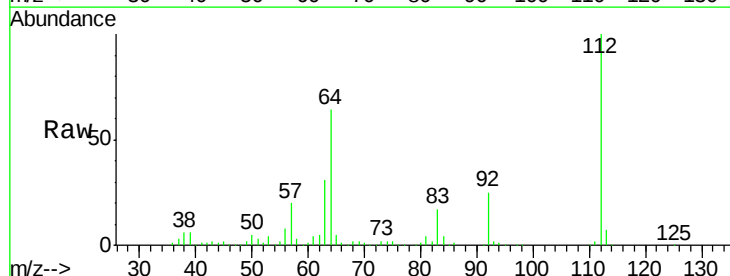
Tgt Ion:152 Resp: 179627
Ion Ratio Lower Upper
152 100
150 161.2 124.6 186.8
115 56.8 50.1 75.1

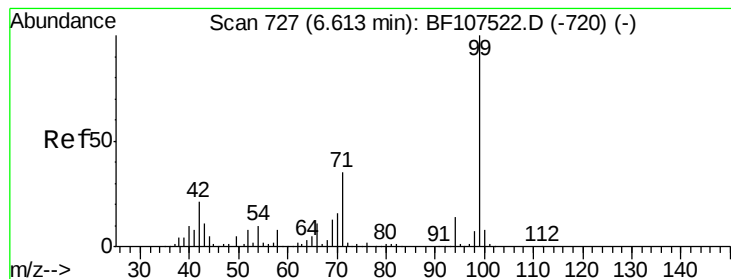


#5

2-Fluorophenol
Concen: 51.059 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107729.D
Acq: 27 Jul 2018 5:57

Tgt Ion:112 Resp: 570435
Ion Ratio Lower Upper
112 100
64 64.1 47.9 71.9
63 31.2 23.7 35.5





#7

Phenol-d6

Concen: 37.997 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107729.D

Acq: 27 Jul 2018 5:57

Instrument :

BNA_F

ClientSampleId :

MW-12

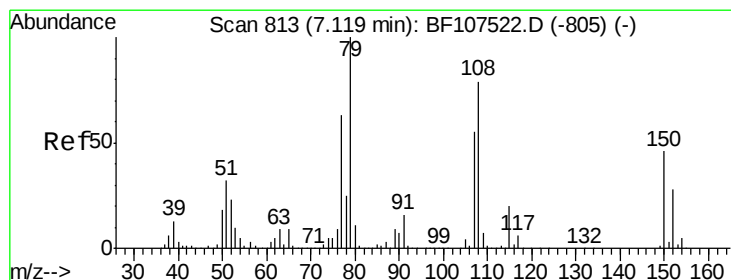
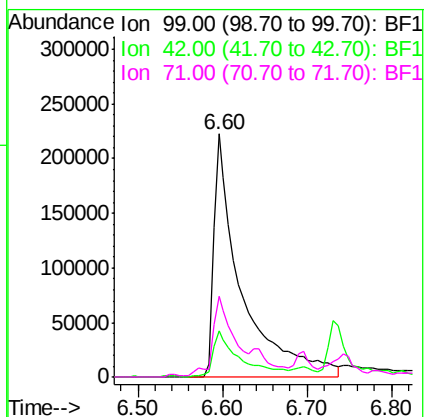
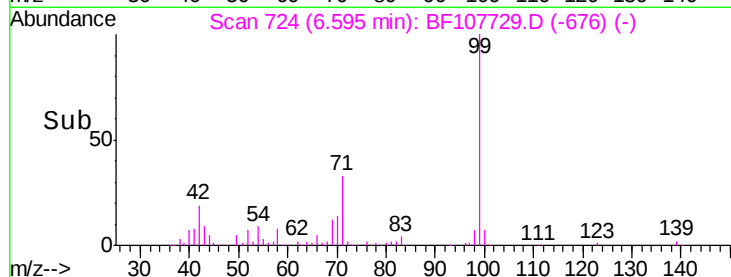
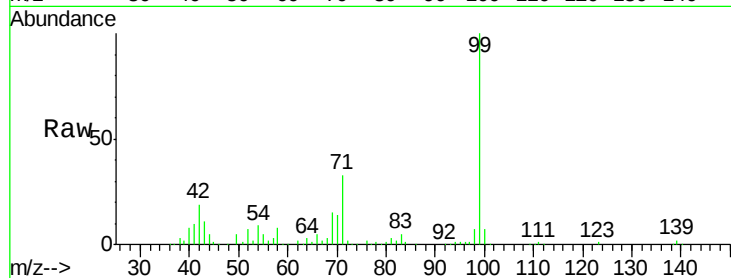
Tgt Ion: 99 Resp: 509730

Ion Ratio Lower Upper

99 100

42 19.1 14.5 21.7

71 33.1 25.4 38.0



#15

Benzyl Alcohol

Concen: 2.173 ng

RT: 7.12 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF107729.D

Acq: 27 Jul 2018 5:57

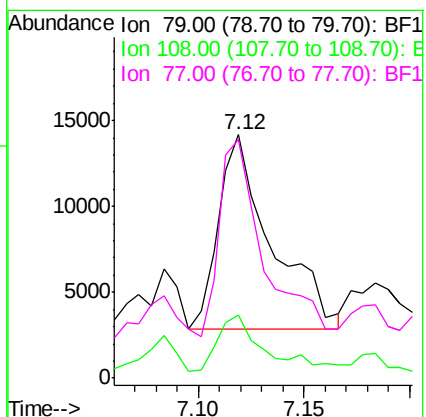
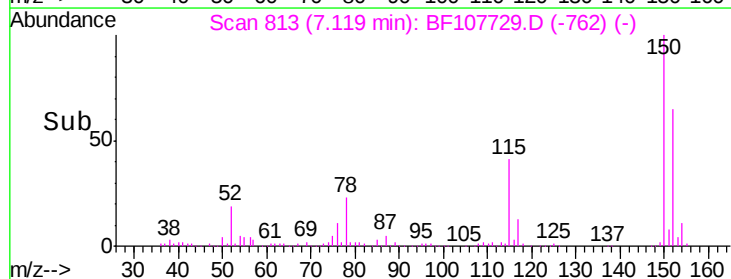
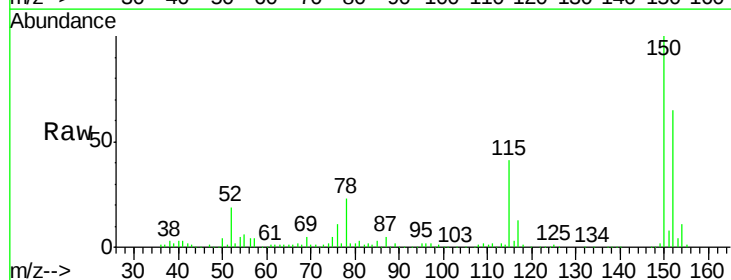
Tgt Ion: 79 Resp: 19868

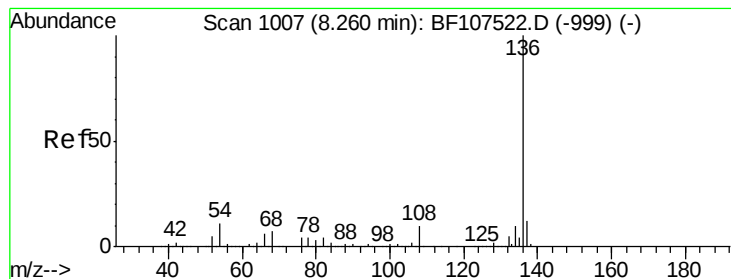
Ion Ratio Lower Upper

79 100

108 26.0 65.1 97.7#

77 98.0 50.6 75.8#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF107729.D

Acq: 27 Jul 2018 5:57

Instrument :

BNA_F

ClientSampleId :

MW-12

Tgt Ion: 136 Resp: 656564

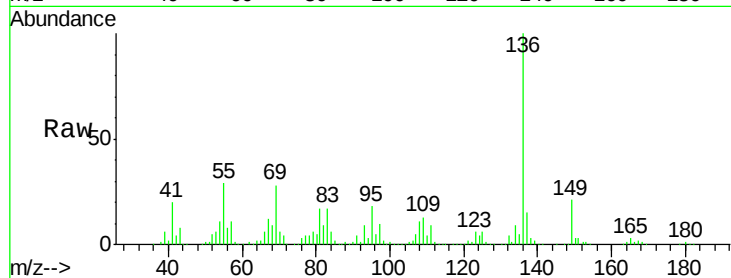
Ion Ratio Lower Upper

136 100

137 15.0 8.9 13.3#

54 11.0 6.6 9.8#

68 8.8 5.0 7.4#

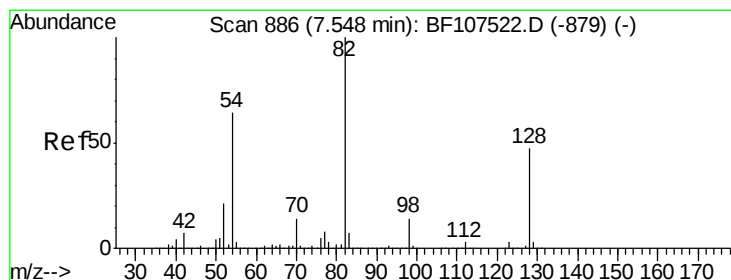
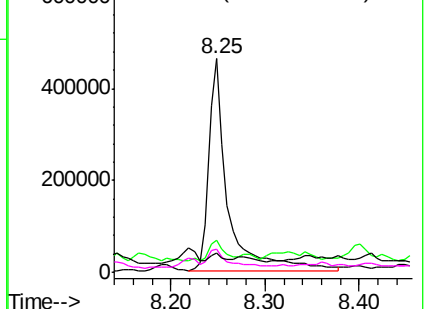
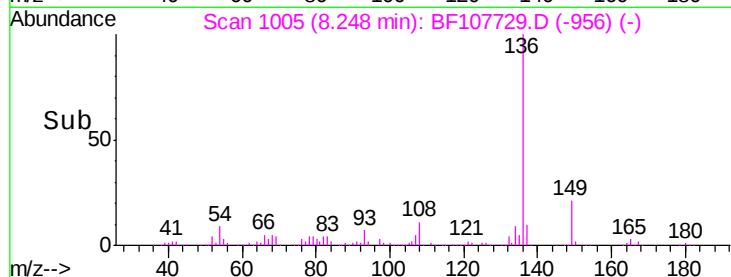


Abundance Ion 136.00 (135.70 to 136.70): E

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: 80.668 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.02 min

Lab File: BF107729.D

Acq: 27 Jul 2018 5:57

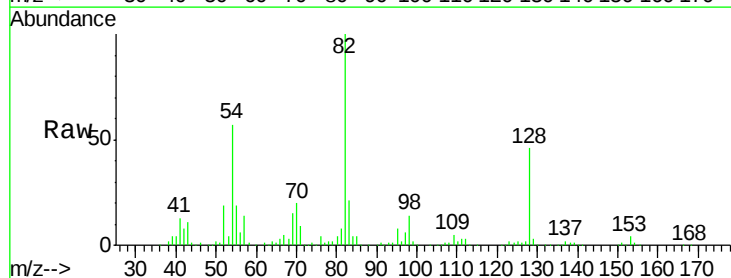
Tgt Ion: 82 Resp: 784793

Ion Ratio Lower Upper

82 100

128 46.1 36.1 54.1

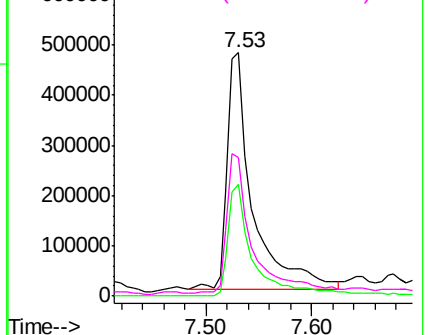
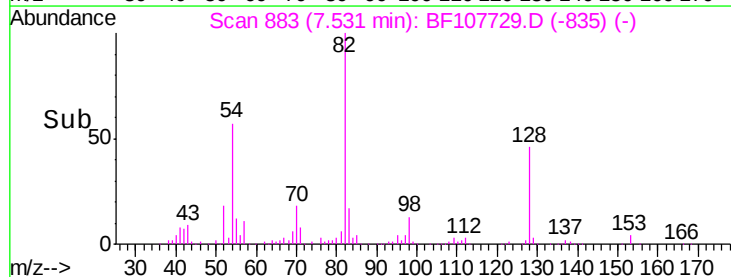
54 57.0 41.4 62.2

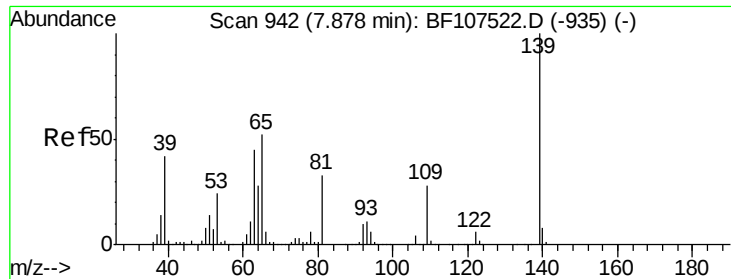


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

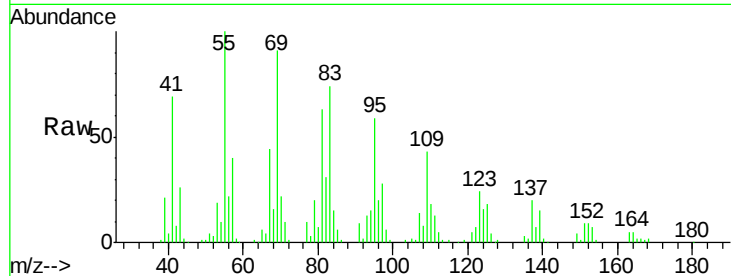




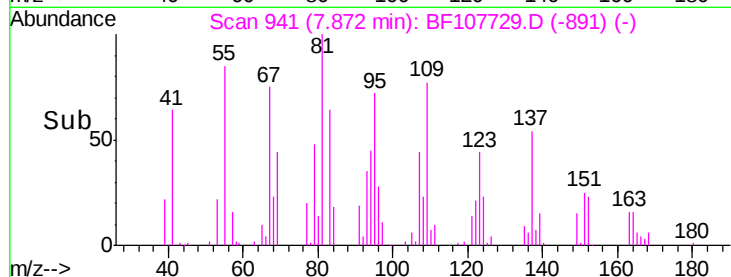
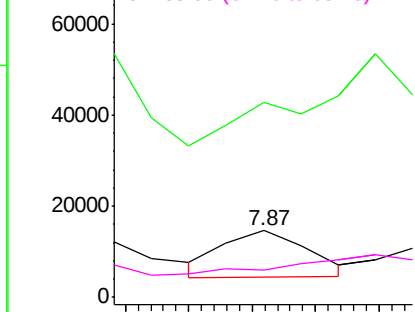
#26
 2-Nitrophenol
 Concen: 2.070 ng
 RT: 7.87 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: BF107729.D
 Acq: 27 Jul 2018 5:57

Instrument :
 BNA_F
 ClientSampleId :
 MW-12

Tgt Ion:139 Resp: 9740
 Ion Ratio Lower Upper
 139 100
 109 292.1 22.7 34.1#
 65 41.6 40.5 60.7

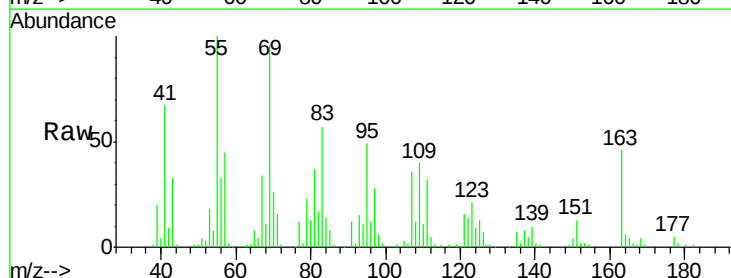
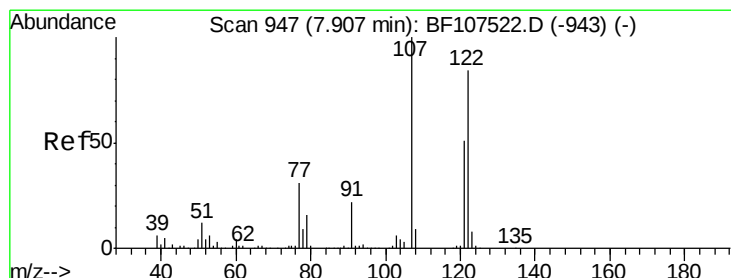


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BF1

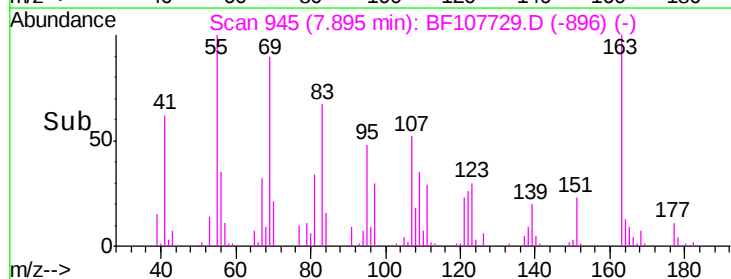
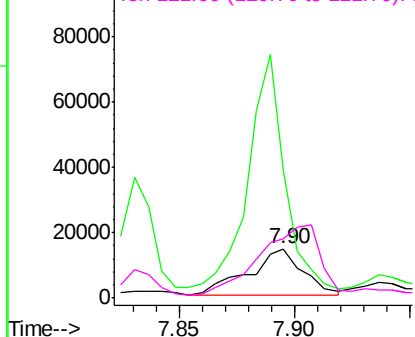


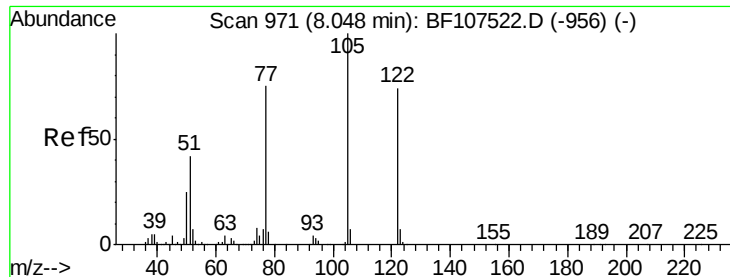
#27
 2,4-Dimethylphenol
 Concen: 2.564 ng
 RT: 7.90 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BF107729.D
 Acq: 27 Jul 2018 5:57

Tgt Ion:122 Resp: 22836
 Ion Ratio Lower Upper
 122 100
 107 262.0 91.2 136.8#
 121 120.4 47.2 70.8#



Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E





#32

Benzoic acid

Concen: 9.821 ng

RT: 8.02 min Scan# 967

Delta R.T. -0.02 min

Lab File: BF107729.D

Acq: 27 Jul 2018 5:57

Instrument :

BNA_F

ClientSampleId :

MW-12

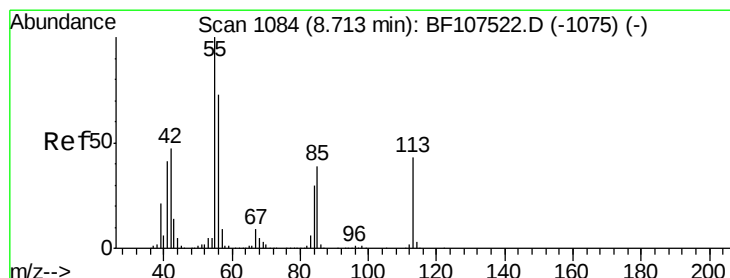
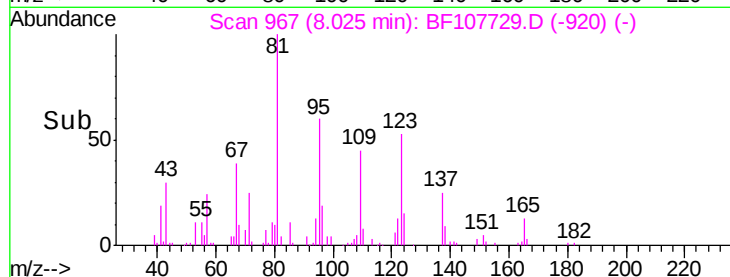
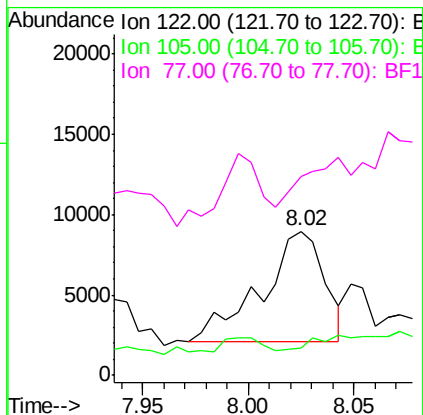
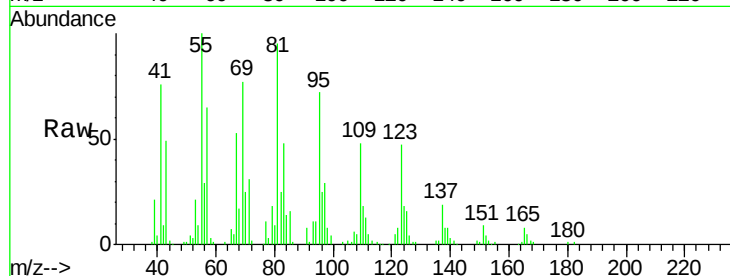
Tgt Ion:122 Resp: 14297

Ion Ratio Lower Upper

122 100

105 18.9 101.1 141.1#

77 137.8 70.7 110.7#



#35

Caprolactam

Concen: 2.860 ng

RT: 8.68 min Scan# 1078

Delta R.T. -0.04 min

Lab File: BF107729.D

Acq: 27 Jul 2018 5:57

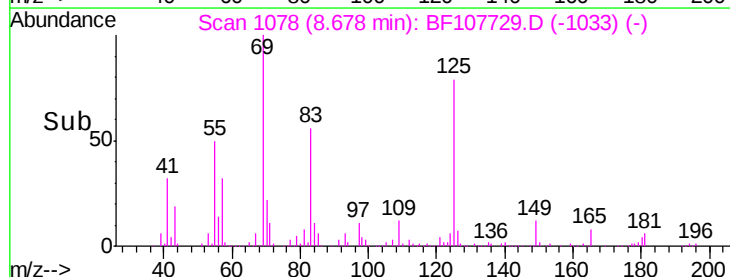
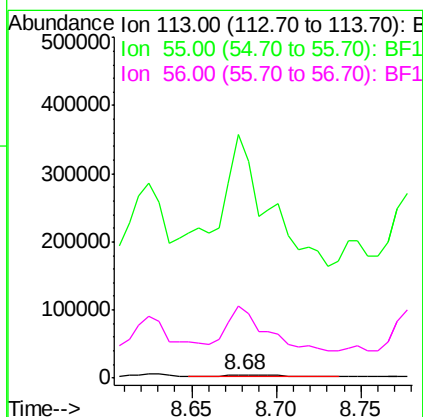
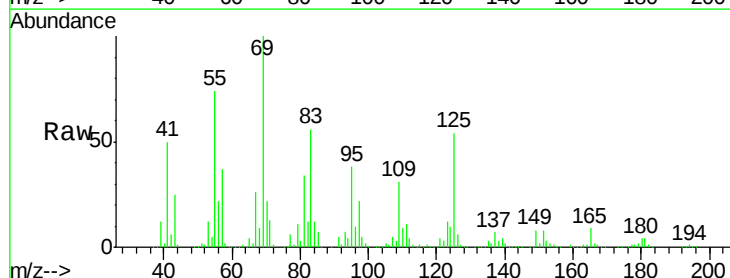
Tgt Ion:113 Resp: 8469

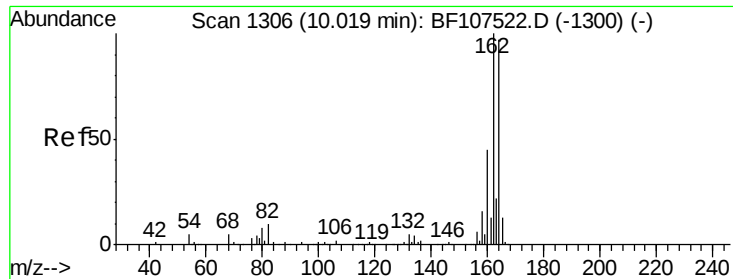
Ion Ratio Lower Upper

113 100

55 7004.5 163.3 203.3#

56 2068.3 115.7 155.7#

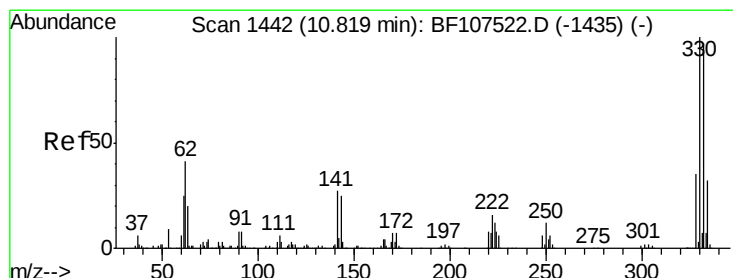
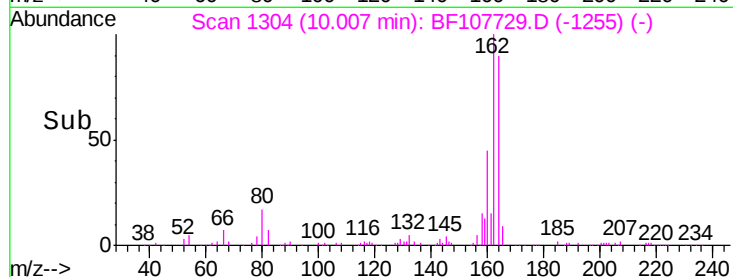
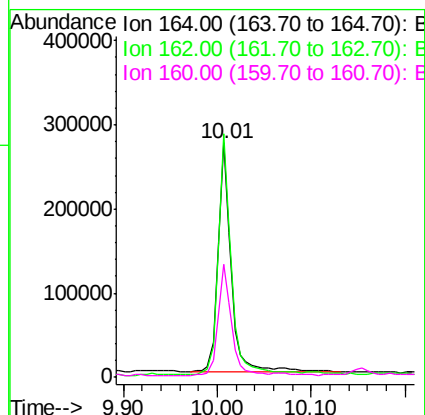
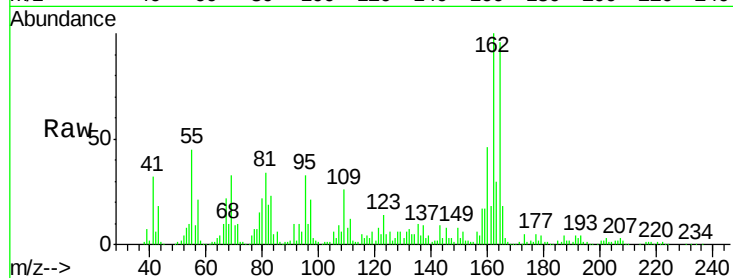




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF107729.D
 Acq: 27 Jul 2018 5:57

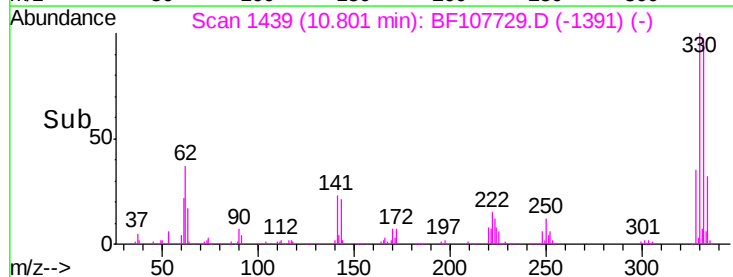
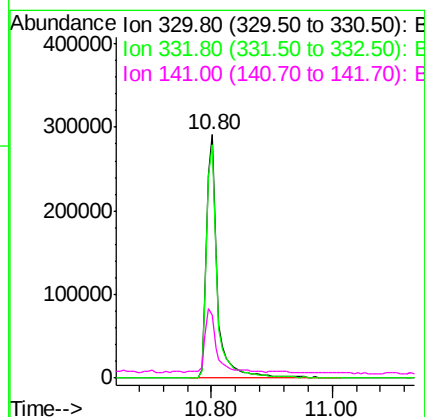
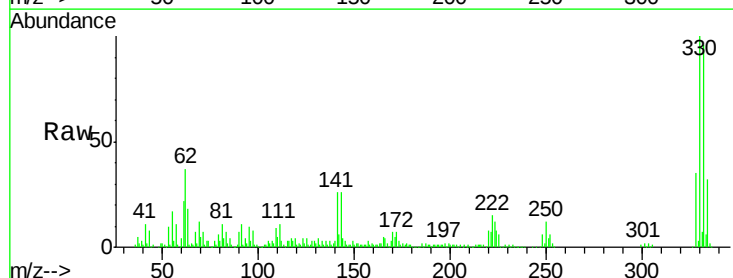
Instrument :
 BNA_F
 ClientSampleId :
 MW-12

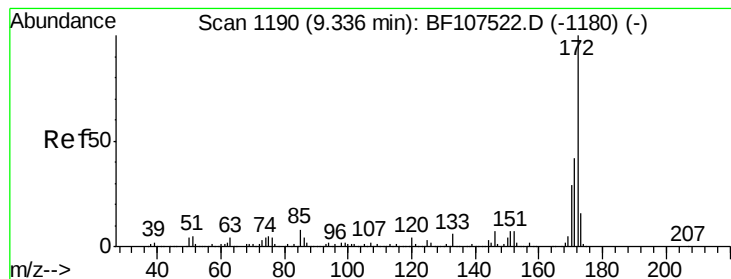
Tgt Ion:164 Resp: 273869
 Ion Ratio Lower Upper
 164 100
 162 103.9 86.1 129.1
 160 48.0 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 116.375 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.02 min
 Lab File: BF107729.D
 Acq: 27 Jul 2018 5:57

Tgt Ion:330 Resp: 362428
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 26.5 29.9 44.9#

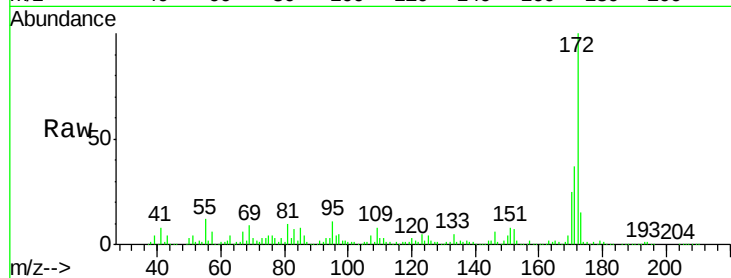




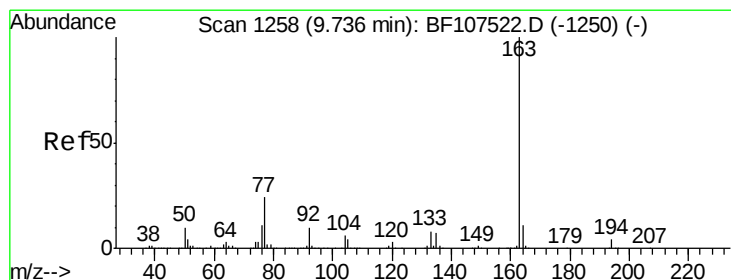
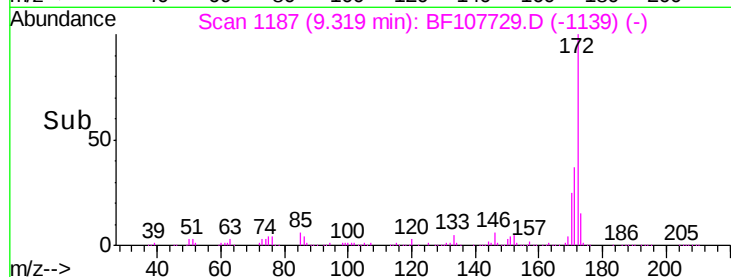
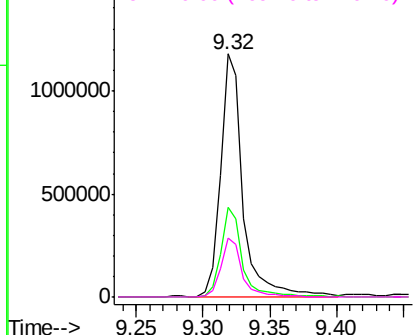
#44
 2-Fluorobiphenyl
 Concen: 87.430 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.02 min
 Lab File: BF107729.D
 Acq: 27 Jul 2018 5:57

Instrument :
 BNA_F
 ClientSampleId :
 MW-12

Tgt Ion:172 Resp: 1387263
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.7 44.5
 170 24.6 19.6 29.4

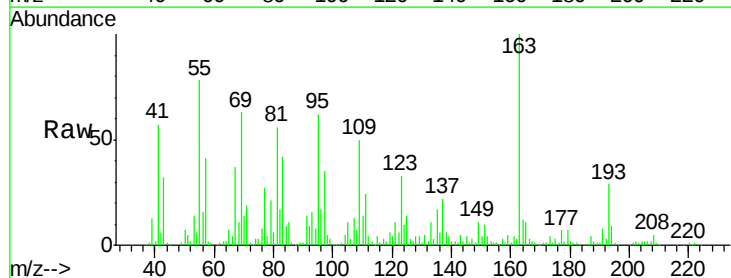


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

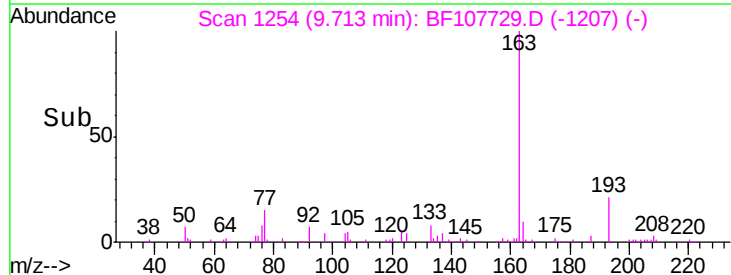
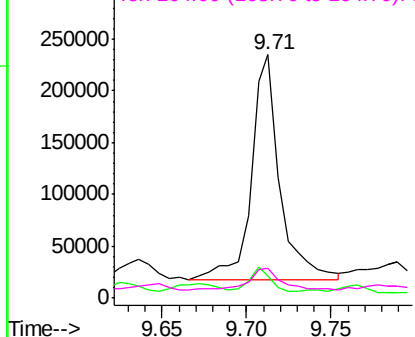


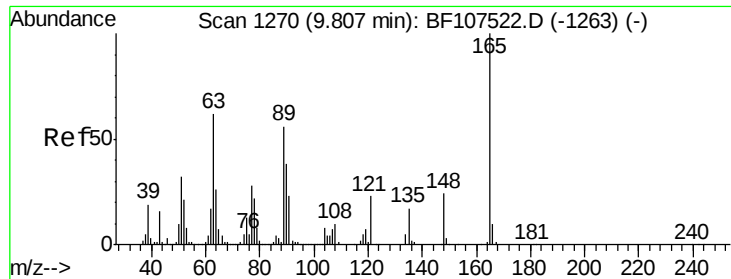
#49
 Dimethylphthalate
 Concen: 12.333 ng
 RT: 9.71 min Scan# 1254
 Delta R.T. -0.02 min
 Lab File: BF107729.D
 Acq: 27 Jul 2018 5:57

Tgt Ion:163 Resp: 254552
 Ion Ratio Lower Upper
 163 100
 194 9.0 2.7 4.1#
 164 12.2 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

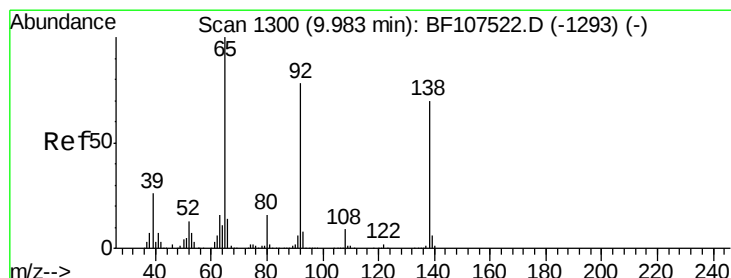
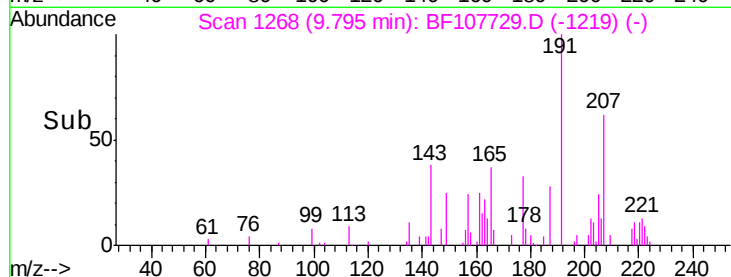
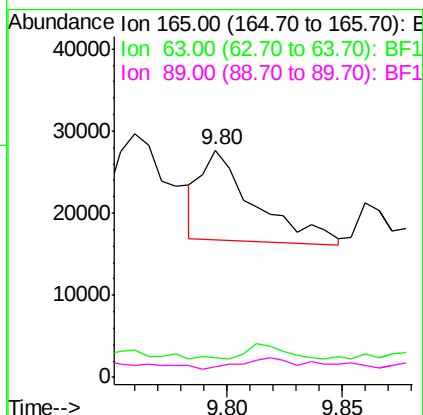
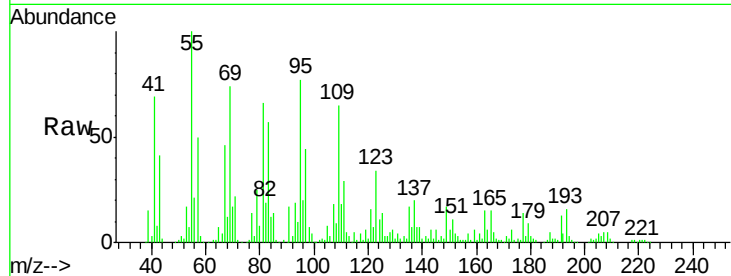




#50
 2,6-Dinitrotoluene
 Concen: 4.266 ng
 RT: 9.80 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: BF107729.D
 Acq: 27 Jul 2018 5:57

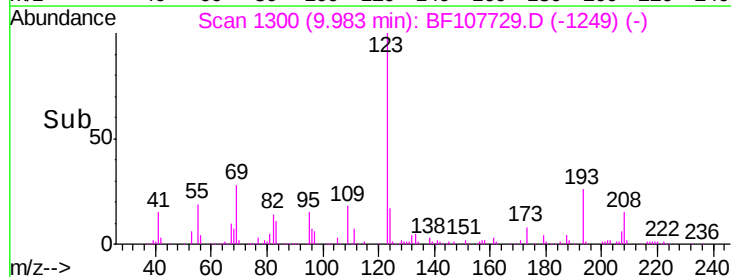
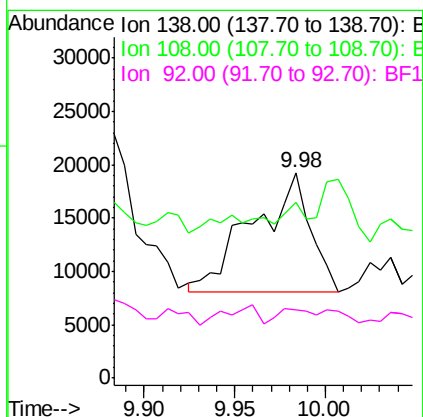
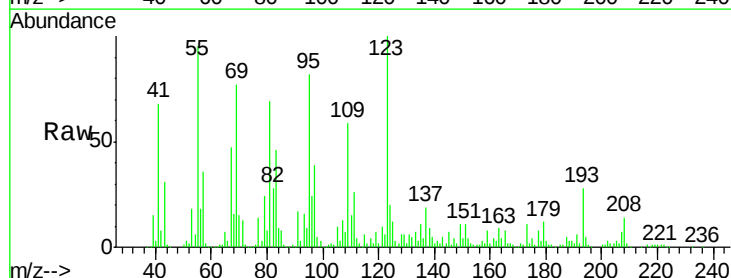
Instrument :
 BNA_F
 ClientSampled :
 MW-12

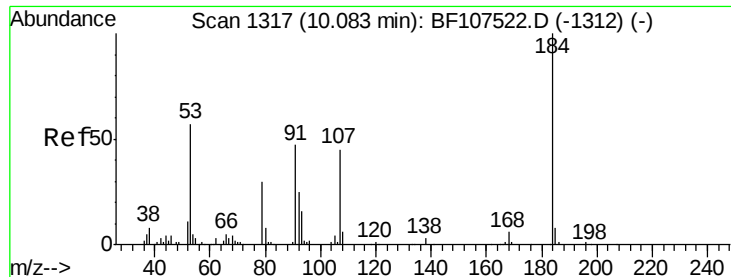
Tgt Ion:165 Resp: 17482
 Ion Ratio Lower Upper
 165 100
 63 8.9 44.7 67.1#
 89 4.7 44.0 66.0#



#52
 3-Nitroaniline
 Concen: 4.982 ng
 RT: 9.98 min Scan# 1300
 Delta R.T. 0.00 min
 Lab File: BF107729.D
 Acq: 27 Jul 2018 5:57

Tgt Ion:138 Resp: 24838
 Ion Ratio Lower Upper
 138 100
 108 85.4 9.4 14.0#
 92 33.4 89.4 134.2#

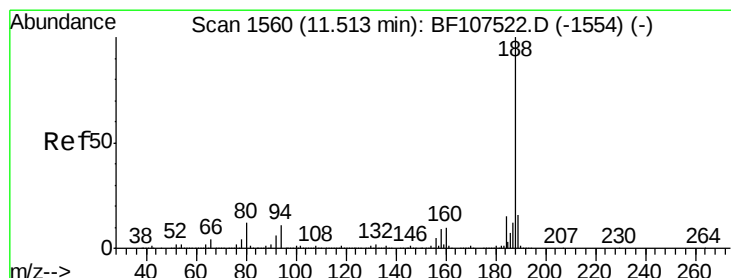
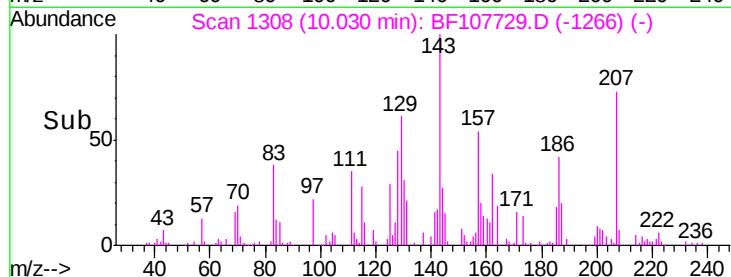
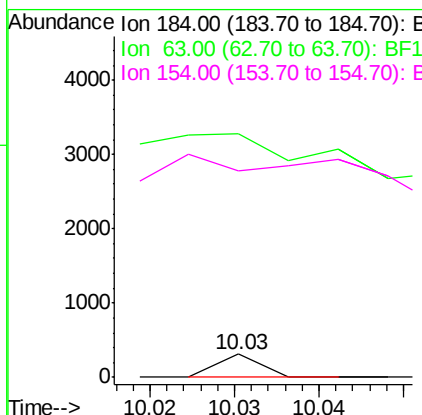
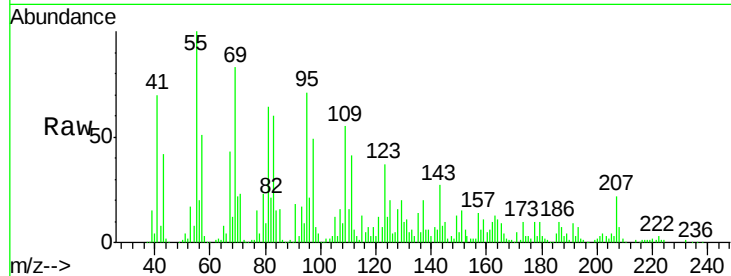




#53
 2,4-Dinitrophenol
 Concen: 8.358 ng
 RT: 10.03 min Scan# 1308
 Delta R.T. -0.05 min
 Lab File: BF107729.D
 Acq: 27 Jul 2018 5:57

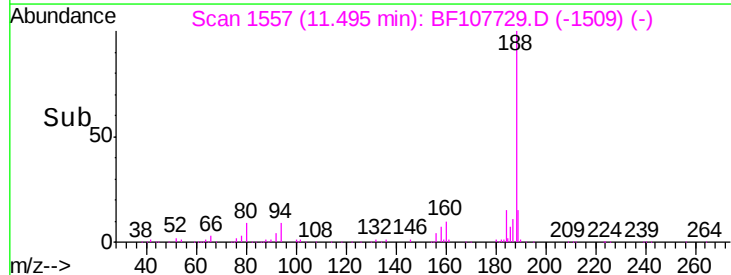
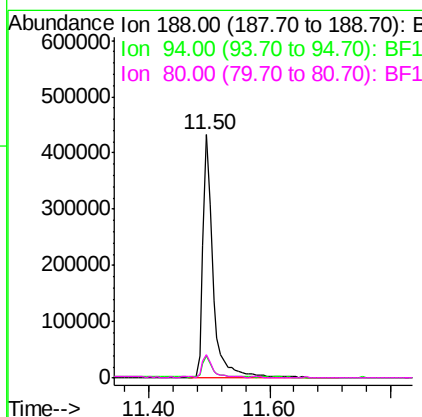
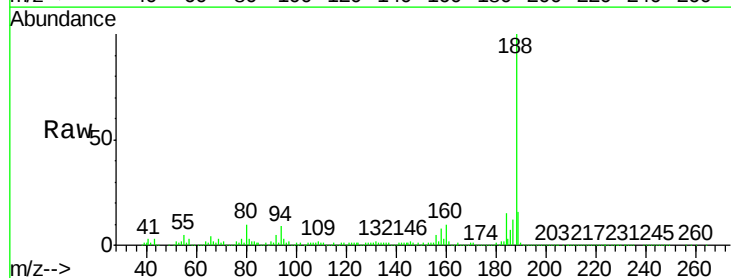
Instrument :
 BNA_F
 ClientSampleId :
 MW-12

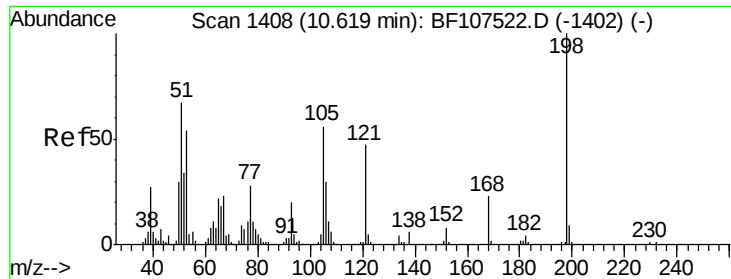
Tgt Ion:184 Resp: 109
 Ion Ratio Lower Upper
 184 100
 63 1064.0 54.2 81.2#
 154 900.3 184.0 276.0#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1557
 Delta R.T. -0.02 min
 Lab File: BF107729.D
 Acq: 27 Jul 2018 5:57

Tgt Ion:188 Resp: 507762
 Ion Ratio Lower Upper
 188 100
 94 9.2 8.5 12.7
 80 9.8 9.2 13.8

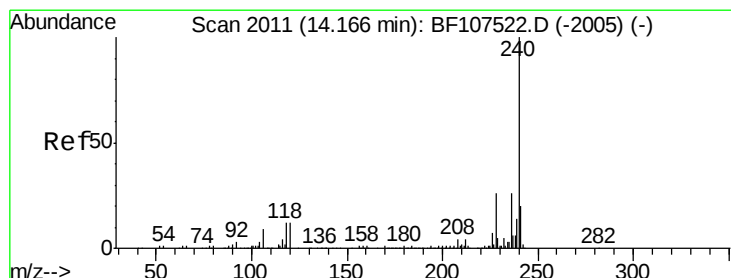
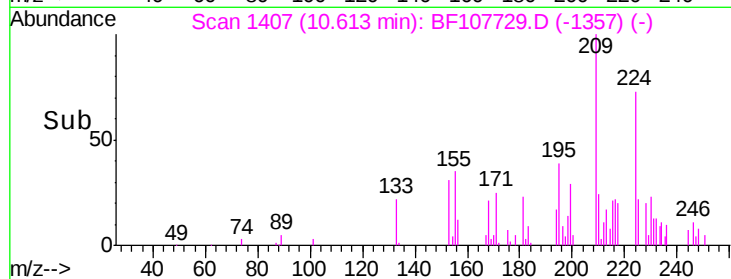
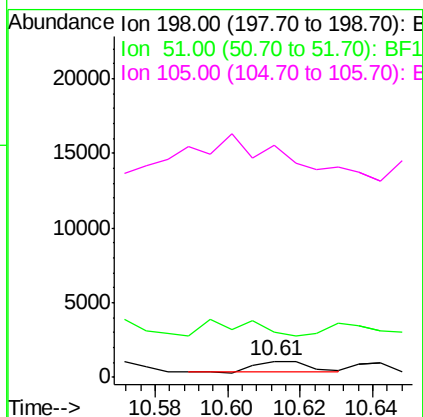
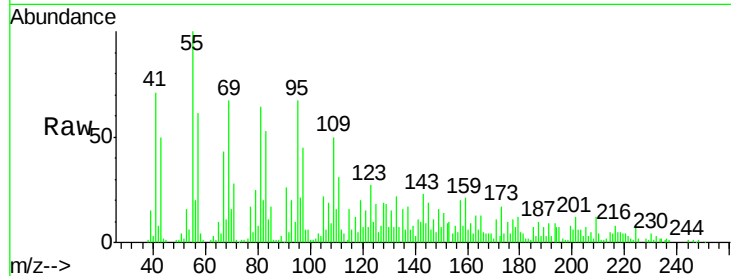




#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.909 ng
 RT: 10.61 min Scan# 1407
 Delta R.T. -0.01 min
 Lab File: BF107729.D
 Acq: 27 Jul 2018 5:57

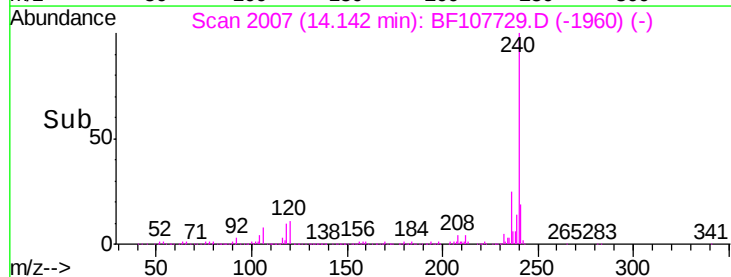
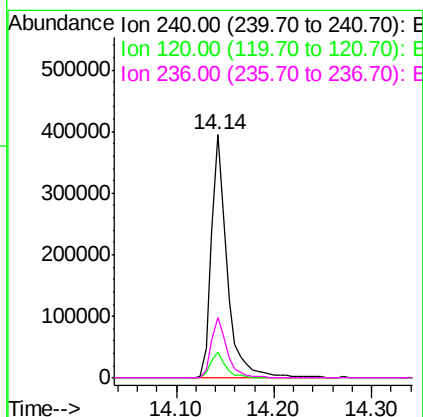
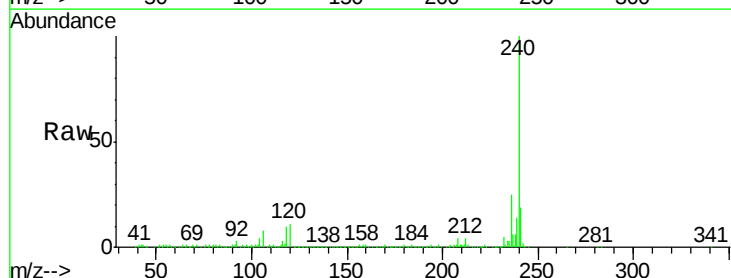
Instrument :
 BNA_F
 ClientSampleId :
 MW-12

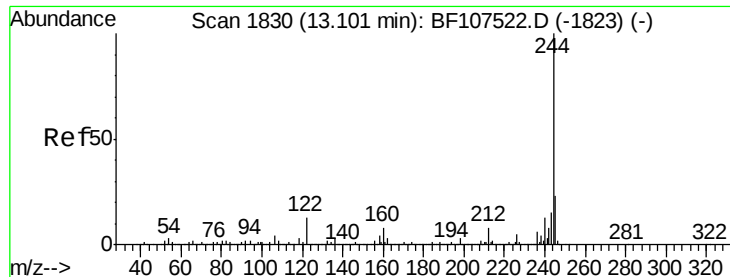
Tgt Ion:198 Resp: 684
 Ion Ratio Lower Upper
 198 100
 51 283.6 37.7 77.7#
 105 1454.9 36.3 76.3#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.02 min
 Lab File: BF107729.D
 Acq: 27 Jul 2018 5:57

Tgt Ion:240 Resp: 447310
 Ion Ratio Lower Upper
 240 100
 120 10.8 9.5 14.3
 236 24.8 20.7 31.1





#78

Terphenyl-d14

Concen: 65.783 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BF107729.D

Acq: 27 Jul 2018 5:57

Instrument :

BNA_F

ClientSampleId :

MW-12

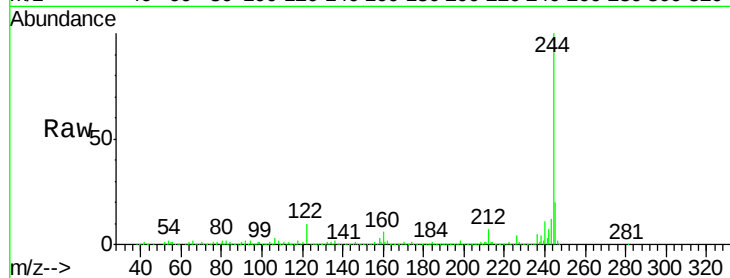
Tgt Ion:244 Resp: 1149387

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

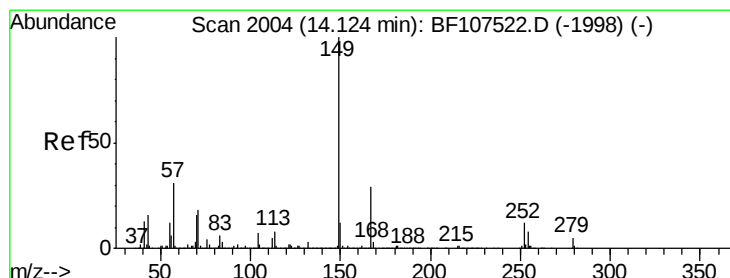
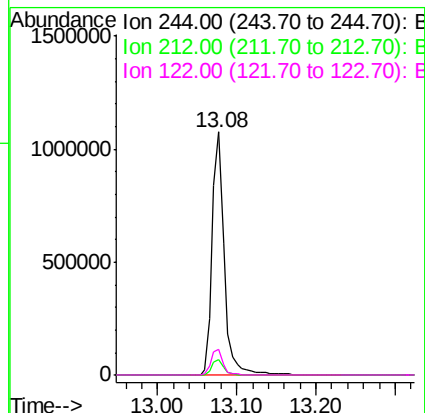
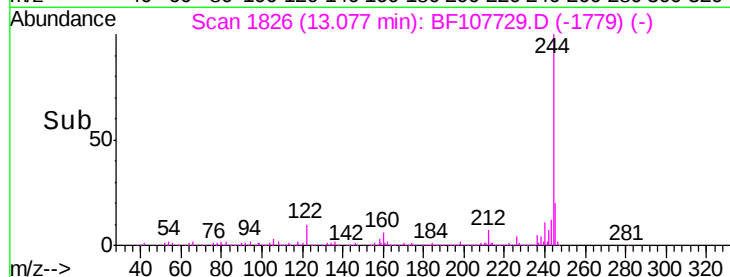
122 10.4 11.0 16.4#



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: 13.858 ng

RT: 14.09 min Scan# 1999

Delta R.T. -0.03 min

Lab File: BF107729.D

Acq: 27 Jul 2018 5:57

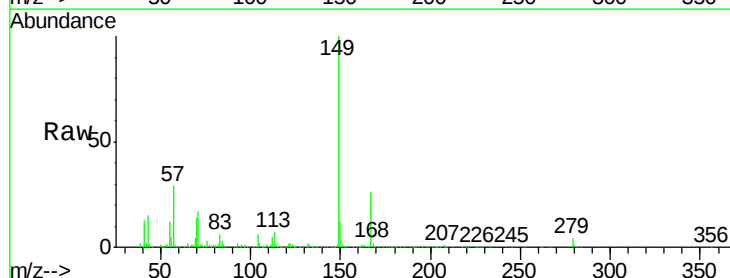
Tgt Ion:149 Resp: 257292

Ion Ratio Lower Upper

149 100

167 26.1 21.3 31.9

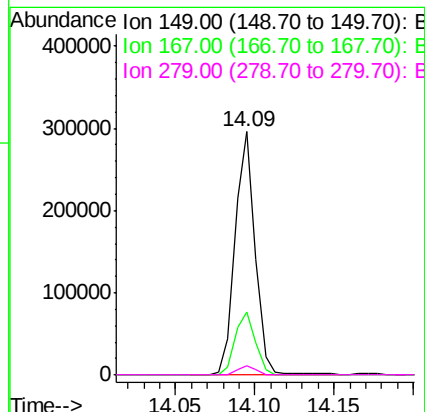
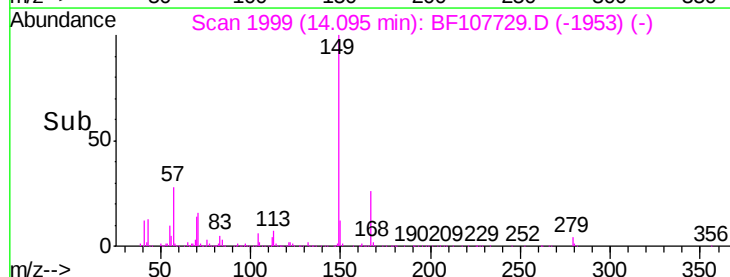
279 3.8 3.0 4.4

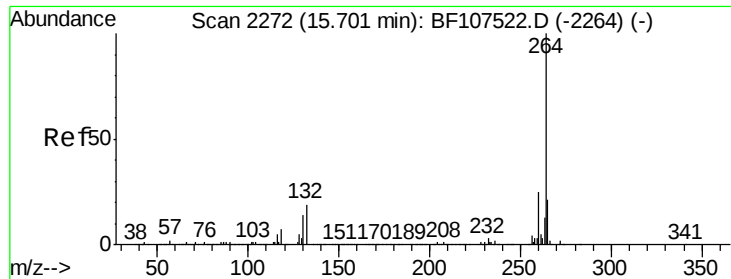


Abundance Ion 149.00 (148.70 to 149.70): E

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: 15.67 min Scan# 2267
Delta R.T. -0.03 min
Lab File: BF107729.D
Acq: 27 Jul 2018 5:57

Instrument :
BNA_F
ClientSampleId :
MW-12

Tgt Ion: 264 Resp: 476053
Ion Ratio Lower Upper
264 100
260 24.8 19.2 28.8
265 21.0 17.5 26.3

