

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072718\
 Data File : BF107783.D
 Acq On : 28 Jul 2018 8:43
 Operator : JU/SJ
 Sample : J4199-04
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-30

Quant Time: Jul 30 01:35:32 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

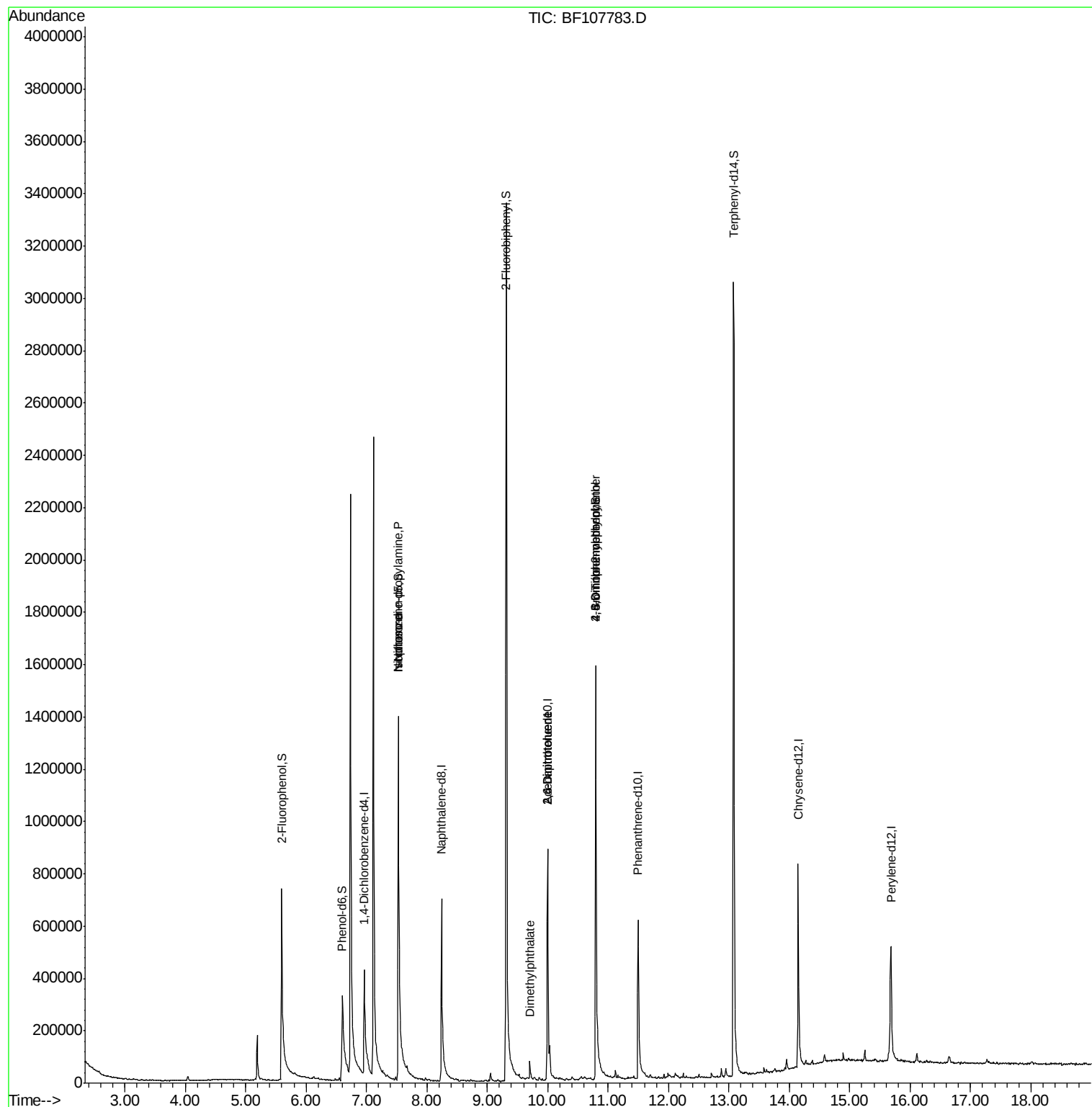
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	136981	20.00	ng	-0.01
21) Naphthalene-d8	8.24	136	529674	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	213490	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	367373	20.00	ng	-0.02
75) Chrysene-d12	14.15	240	389964	20.00	ng	-0.02
86) Perylene-d12	15.68	264	320439	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	415098	48.72	ng	-0.01
7) Phenol-d6	6.60	99	362263	35.41	ng	-0.01
23) Nitrobenzene-d5	7.53	82	860203	109.60	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	316420	130.34	ng	-0.02
44) 2-Fluorobiphenyl	9.31	172	1586108	164.81	ng	-0.02
78) Terphenyl-d14	13.08	244	1363721	89.53	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	105363	15.943	ng	# 79
25) Isophorone	7.53	82	875559	52.248	ng	# 64
49) Dimethylphthalate	9.71	163	39946	2.483	ng	# 99
50) 2,6-Dinitrotoluene	10.00	165	26391	8.261	ng	# 26
56) 2,4-Dinitrotoluene	10.00	165	26391	6.844	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.79	198	306	8.822	ng	# 1
66) 4-Bromophenyl-phenylether	10.79	248	17761	4.107	ng	# 1
73) Di-n-butylphthalate	12.04	149	2321	Below Cal		# 78

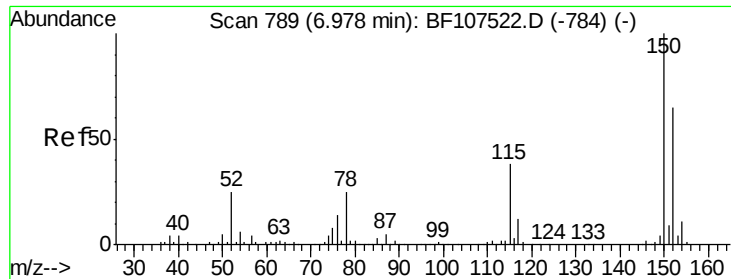
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072718\
Data File : BF107783.D
Acq On : 28 Jul 2018 8:43
Operator : JU/SJ
Sample : J4199-04
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-30

Quant Time: Jul 30 01:35:32 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



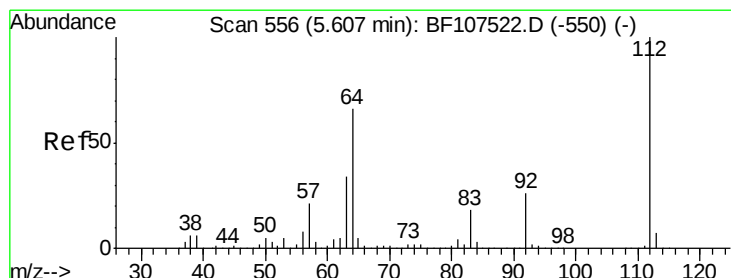
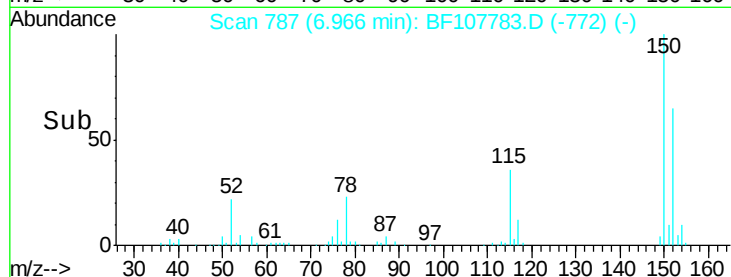
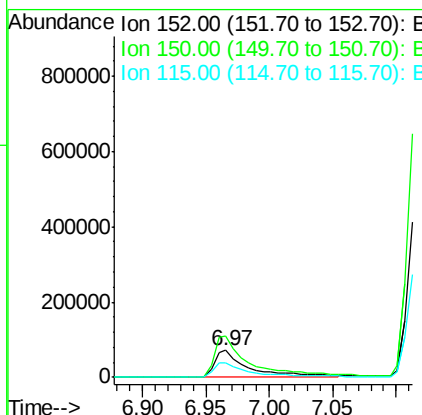
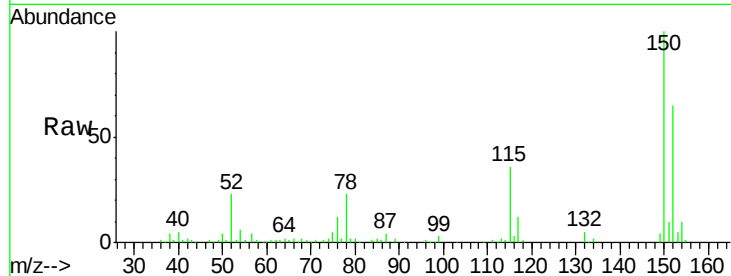


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107783.D
Acq: 28 Jul 2018 8:43

Instrument :
BNA_F
ClientSampleId :
MW-30

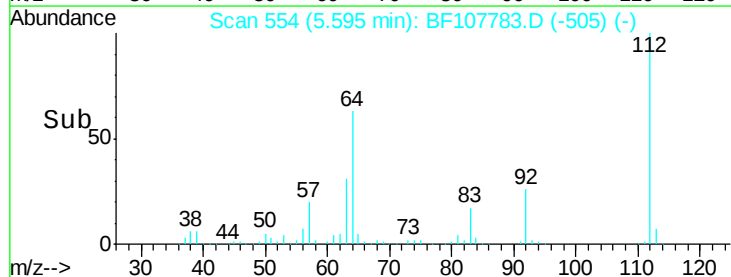
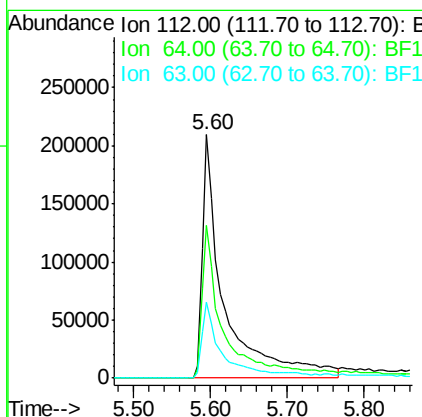
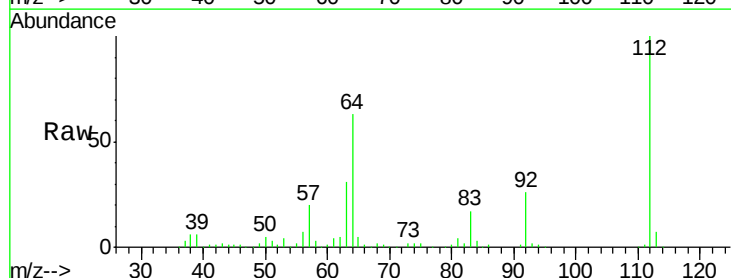
Tgt Ion:152 Resp: 136981
Ion Ratio Lower Upper
152 100
150 152.9 124.6 186.8
115 55.0 50.1 75.1

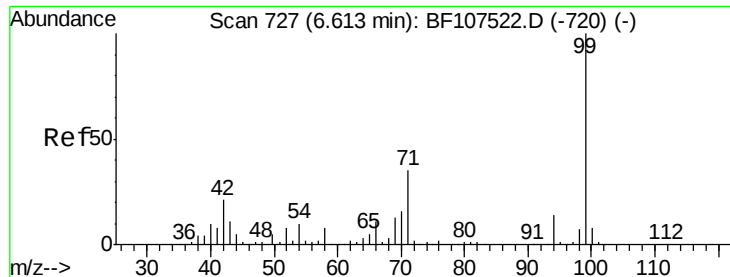


#5

2-Fluorophenol
Concen: 48.722 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107783.D
Acq: 28 Jul 2018 8:43

Tgt Ion:112 Resp: 415098
Ion Ratio Lower Upper
112 100
64 62.6 47.9 71.9
63 31.1 23.7 35.5





#7

Phenol-d6

Concen: 35.412 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107783.D

Acq: 28 Jul 2018 8:43

Instrument :

BNA_F

ClientSampleId :

MW-30

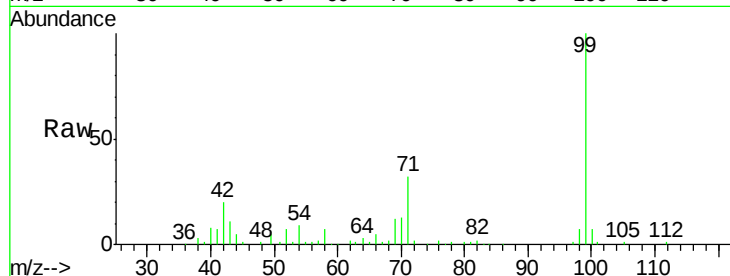
Tgt Ion: 99 Resp: 362263

Ion Ratio Lower Upper

99 100

42 19.6 14.5 21.7

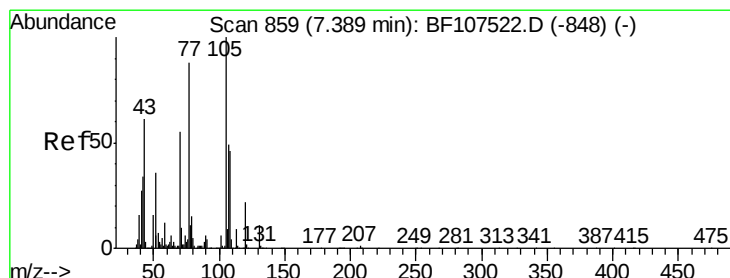
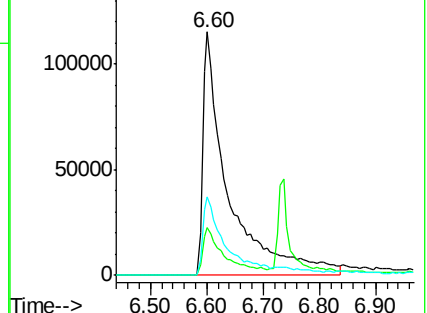
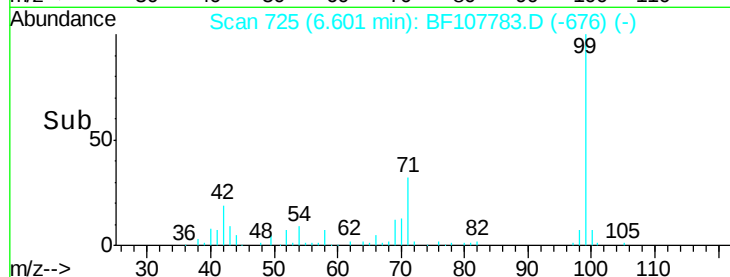
71 32.4 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.943 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.14 min

Lab File: BF107783.D

Acq: 28 Jul 2018 8:43

Tgt Ion: 70 Resp: 105363

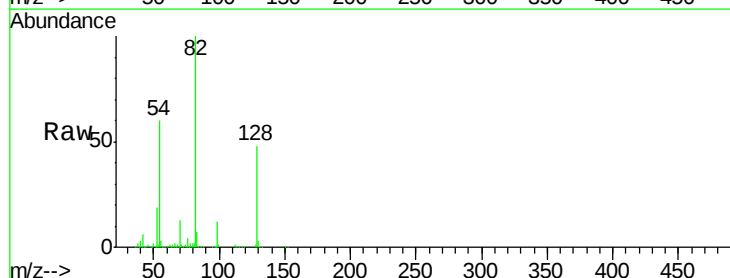
Ion Ratio Lower Upper

70 100

42 48.4 47.5 71.3

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#

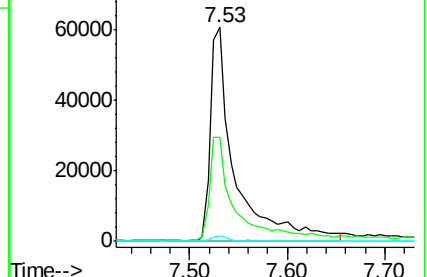
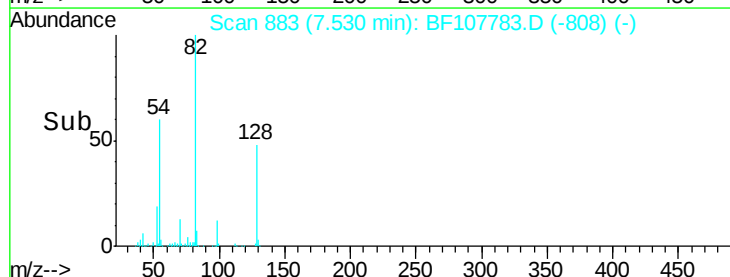


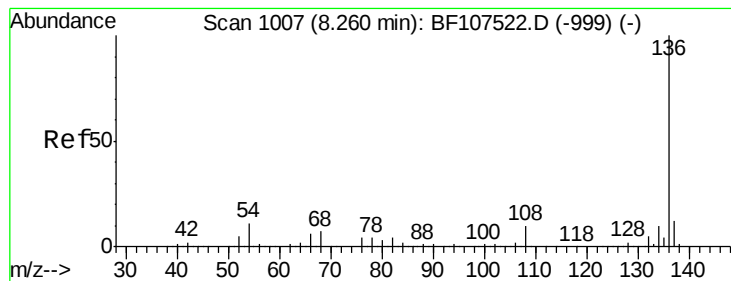
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.02 min

Lab File: BF107783.D

Acq: 28 Jul 2018 8:43

Instrument :

BNA_F

ClientSampleId :

MW-30

Tgt Ion: 136 Resp: 529674

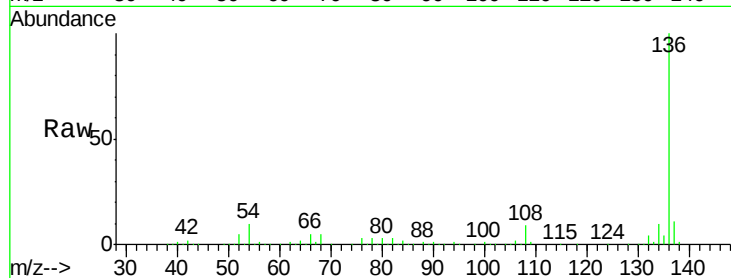
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 9.6 6.6 9.8

68 5.3 5.0 7.4

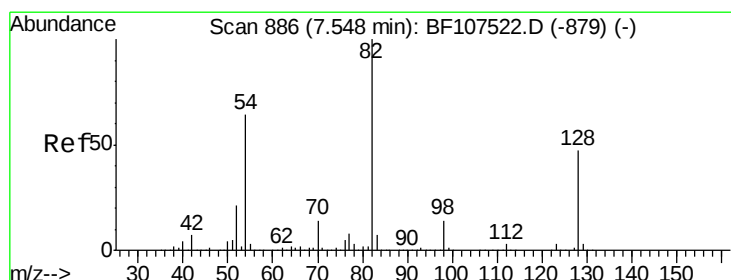
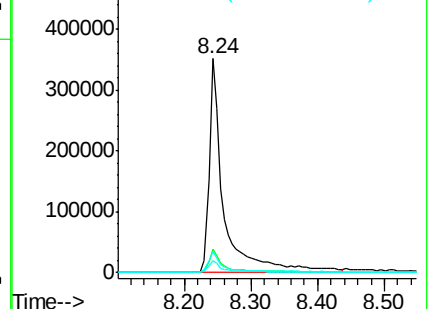
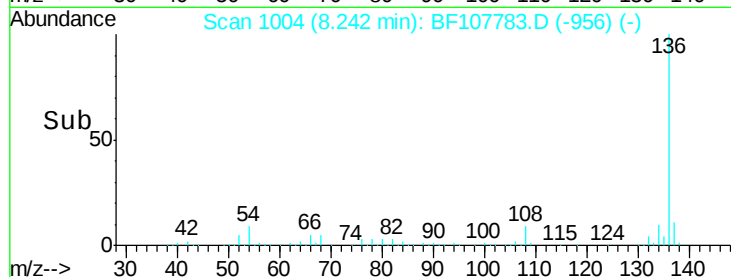


Abundance Ion 136.00 (135.70 to 136.70): E

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: 109.602 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.02 min

Lab File: BF107783.D

Acq: 28 Jul 2018 8:43

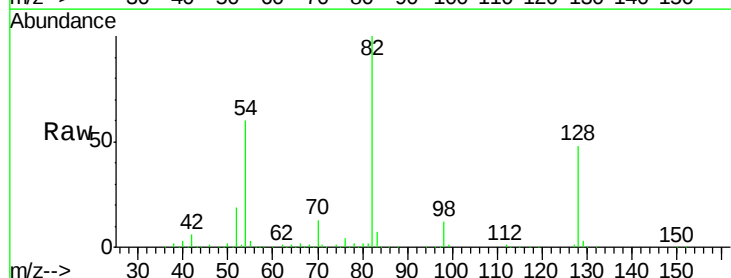
Tgt Ion: 82 Resp: 860203

Ion Ratio Lower Upper

82 100

128 47.6 36.1 54.1

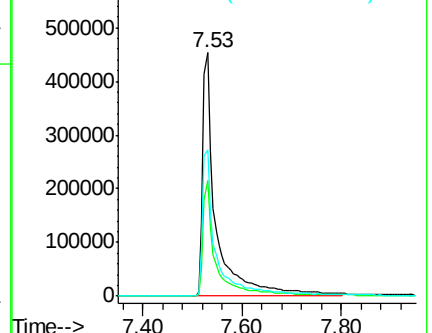
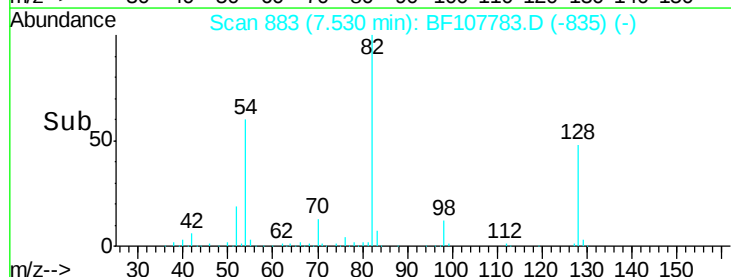
54 60.0 41.4 62.2

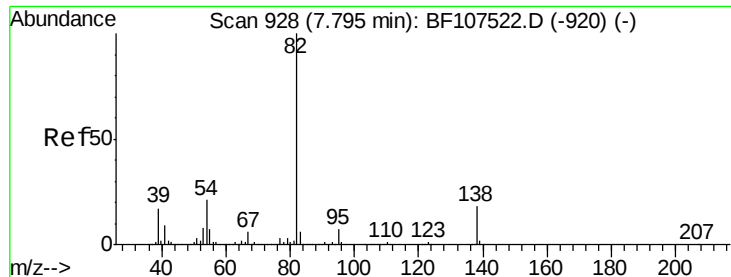


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 52.248 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.26 min

Lab File: BF107783.D

Acq: 28 Jul 2018 8:43

Instrument :

BNA_F

ClientSampleId :

MW-30

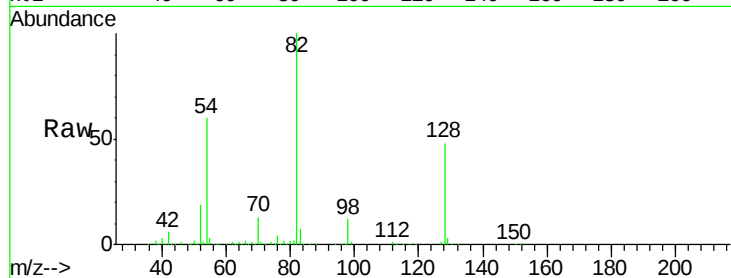
Tgt Ion: 82 Resp: 875559

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

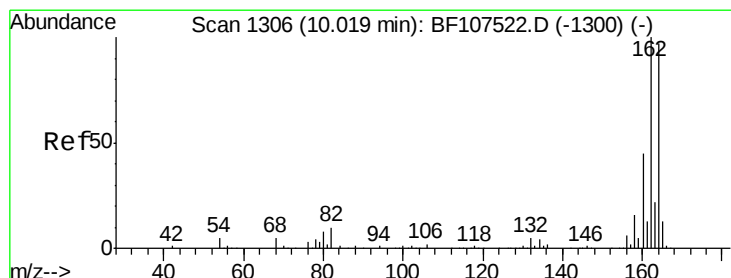
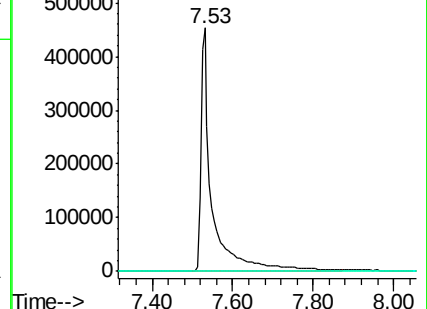
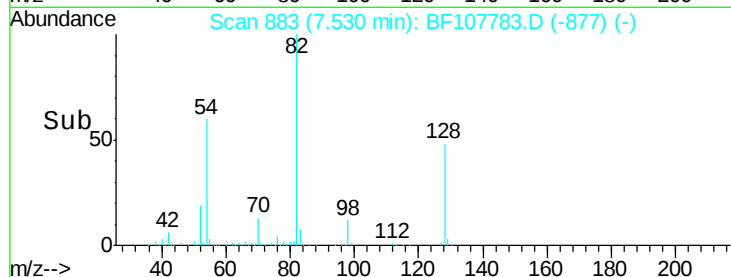
138 0.0 14.9 22.3#



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# 1303

Delta R.T. -0.02 min

Lab File: BF107783.D

Acq: 28 Jul 2018 8:43

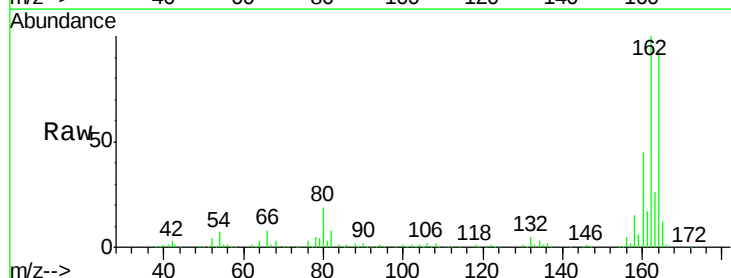
Tgt Ion: 164 Resp: 213490

Ion Ratio Lower Upper

164 100

162 107.9 86.1 129.1

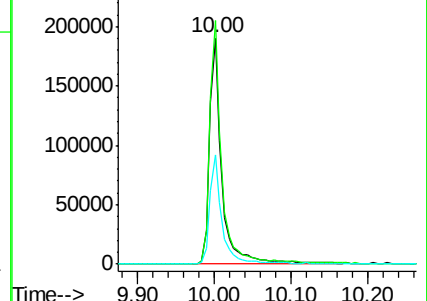
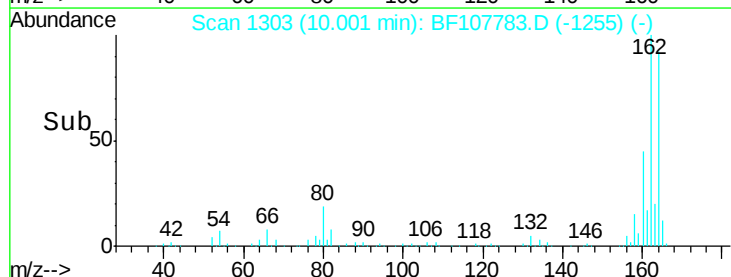
160 48.5 38.3 57.5

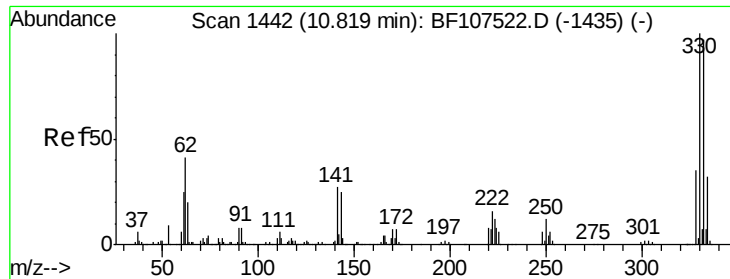


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

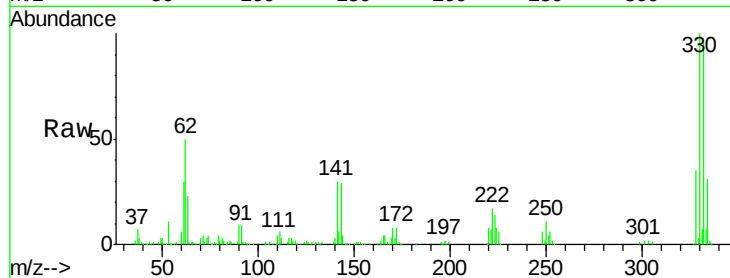




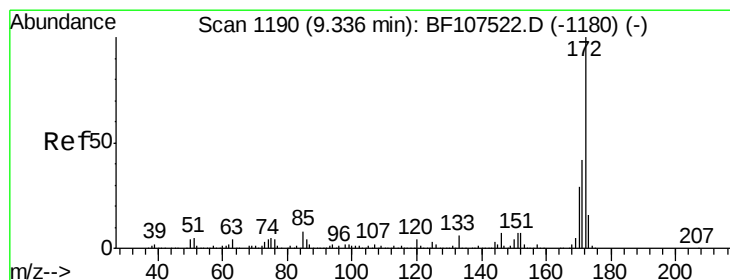
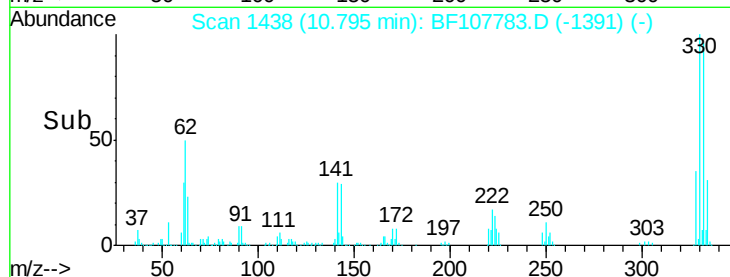
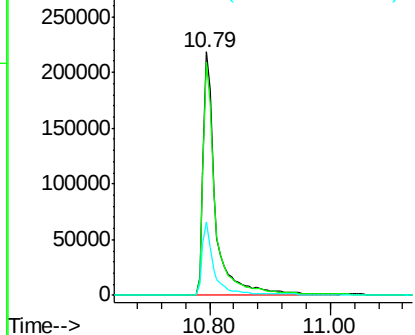
#41
 2,4,6-Tribromophenol
 Concen: 130.337 ng
 RT: 10.79 min Scan# 1438
 Delta R.T. -0.02 min
 Lab File: BF107783.D
 Acq: 28 Jul 2018 8:43

Instrument :
 BNA_F
 ClientSampleId :
 MW-30

Tgt Ion:330 Resp: 316420
 Ion Ratio Lower Upper
 330 100
 332 92.3 77.0 115.6
 141 28.1 29.9 44.9#

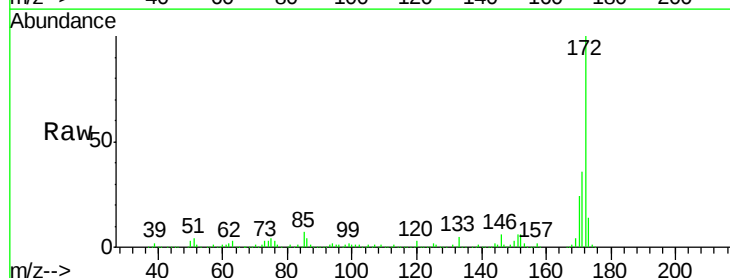


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

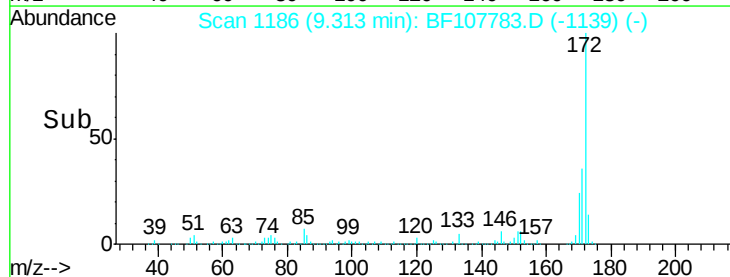
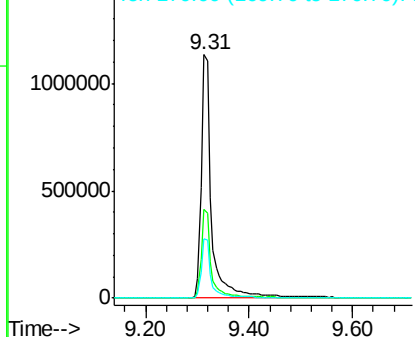


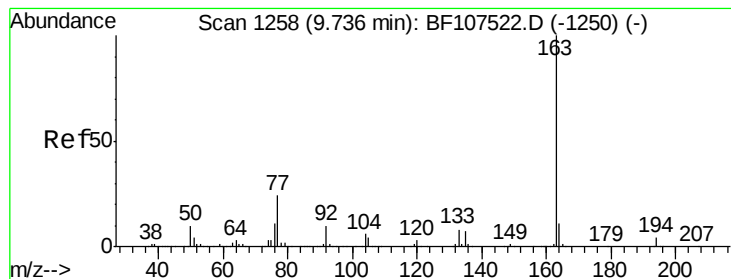
#44
 2-Fluorobiphenyl
 Concen: 164.810 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.02 min
 Lab File: BF107783.D
 Acq: 28 Jul 2018 8:43

Tgt Ion:172 Resp: 1586108
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 24.5 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: 2.483 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.03 min

Lab File: BF107783.D

Acq: 28 Jul 2018 8:43

Instrument :

BNA_F

ClientSampleId :

MW-30

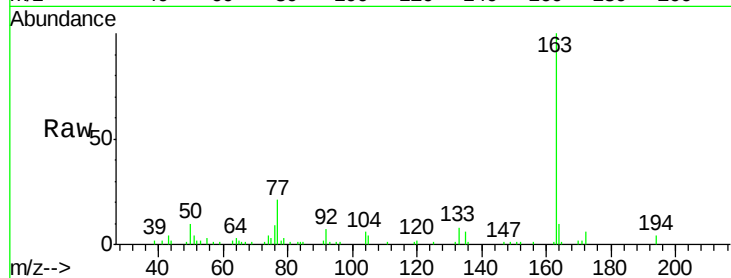
Tgt Ion:163 Resp: 39946

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

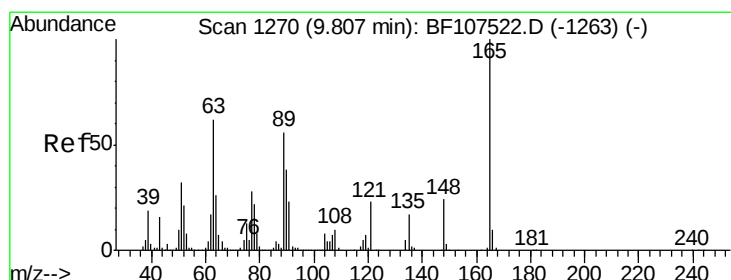
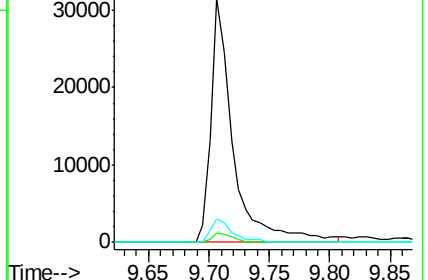
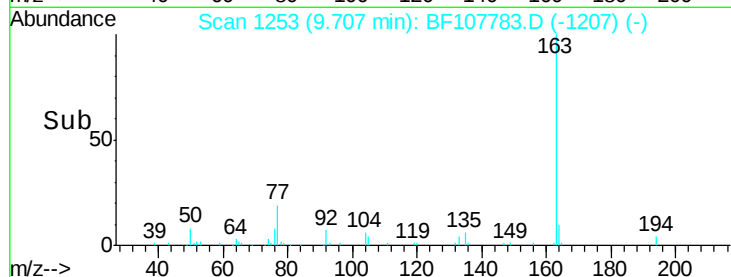
164 9.8 8.2 12.2



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: 8.261 ng

RT: 10.00 min Scan# 1303

Delta R.T. 0.19 min

Lab File: BF107783.D

Acq: 28 Jul 2018 8:43

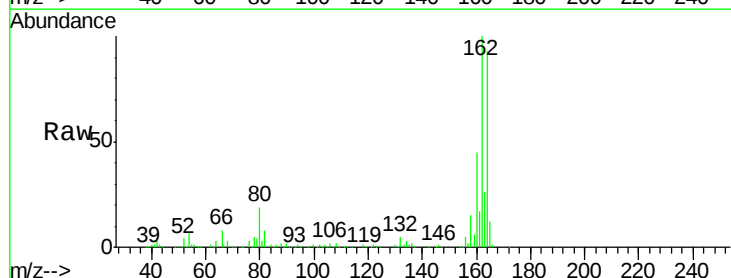
Tgt Ion:165 Resp: 26391

Ion Ratio Lower Upper

165 100

63 1.6 44.7 67.1#

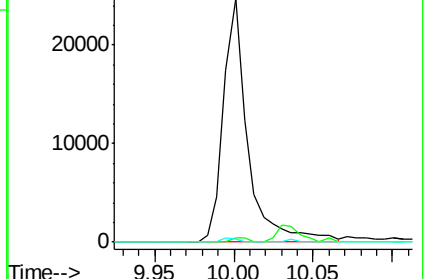
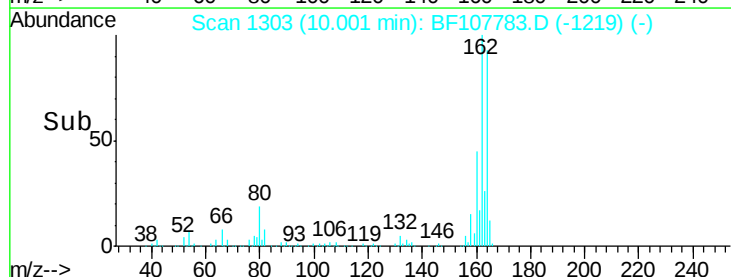
89 1.4 44.0 66.0#

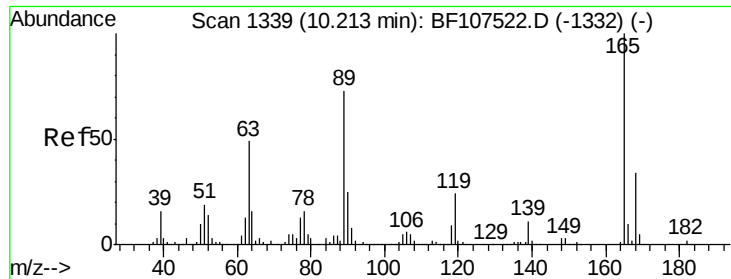


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

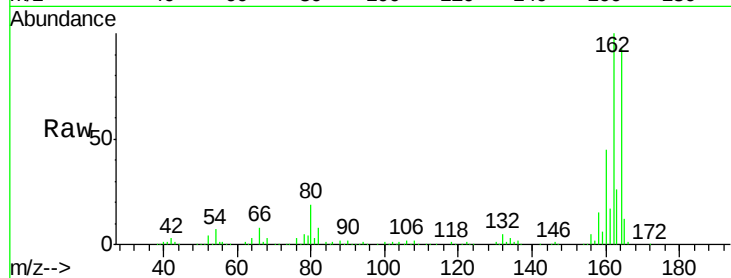




#56
2,4-Dinitrotoluene
Concen: 6.844 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.21 min
Lab File: BF107783.D
Acq: 28 Jul 2018 8:43

Instrument :
BNA_F
ClientSampleId :
MW-30

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

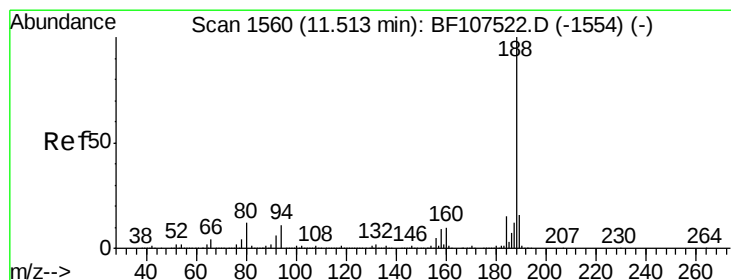
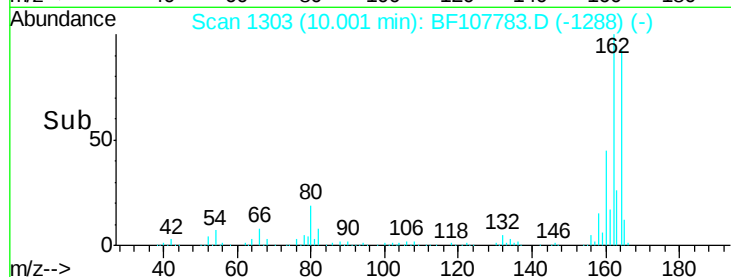
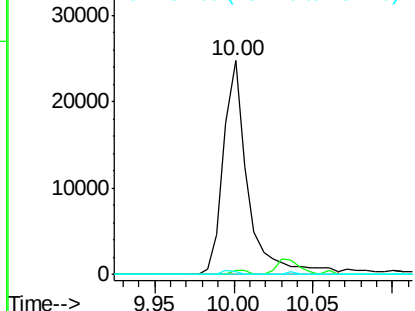


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

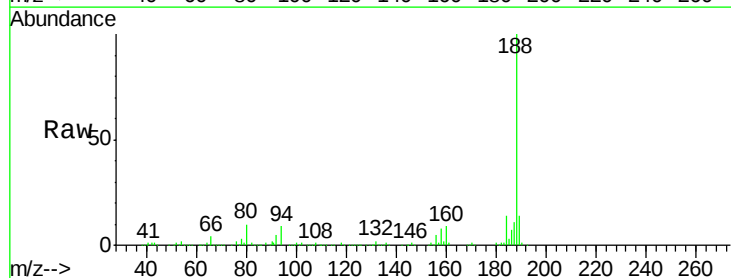
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF107783.D
Acq: 28 Jul 2018 8:43

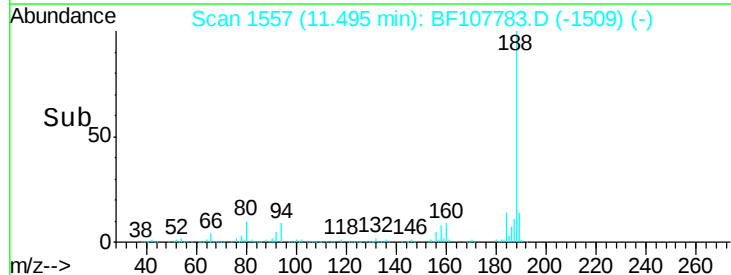
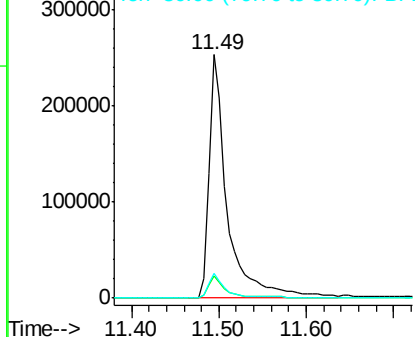
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.5	12.7
80	10.0	9.2	13.8

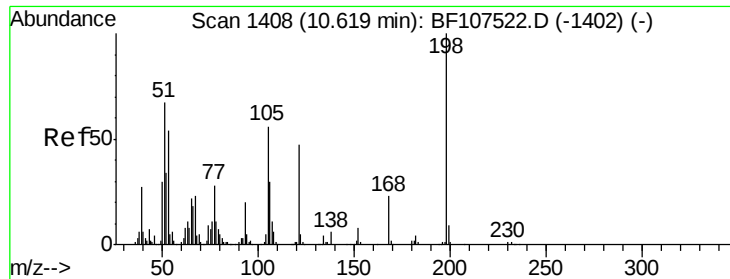


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

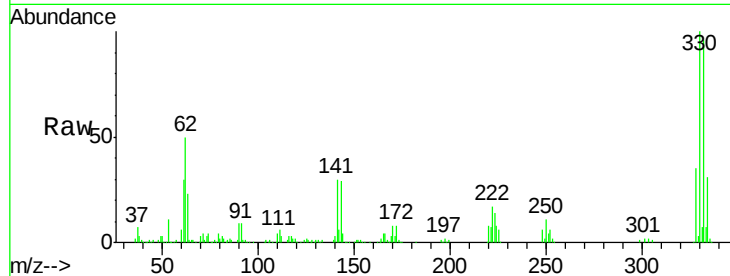




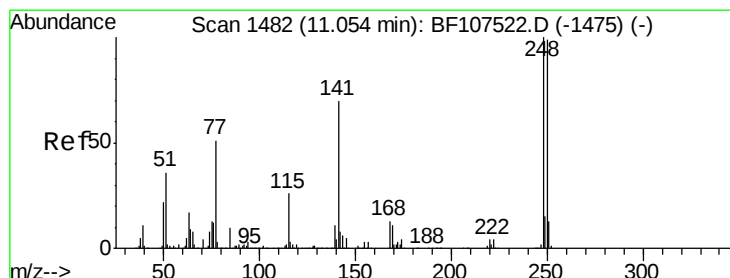
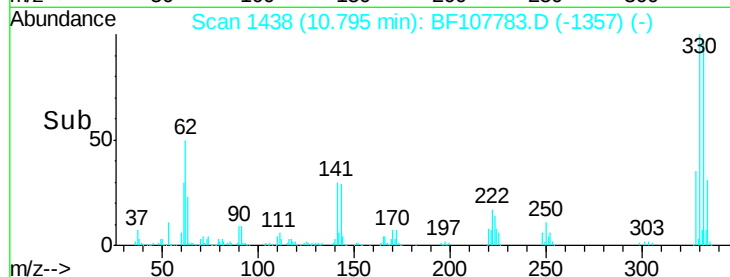
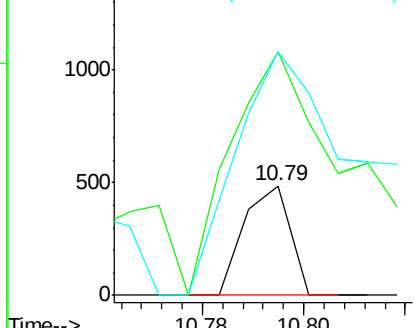
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.822 ng
 RT: 10.79 min Scan# 1438
 Delta R.T. 0.18 min
 Lab File: BF107783.D
 Acq: 28 Jul 2018 8:43

Instrument :
 BNA_F
 ClientSampleId :
 MW-30

Tgt Ion:198 Resp: 306
 Ion Ratio Lower Upper
 198 100
 51 222.2 37.7 77.7#
 105 222.2 36.3 76.3#

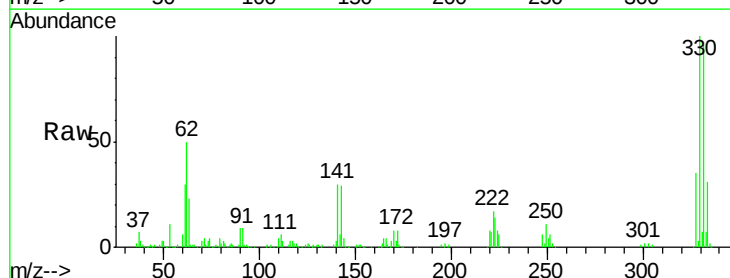


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

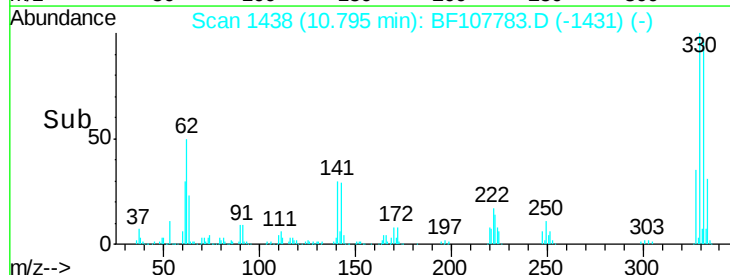
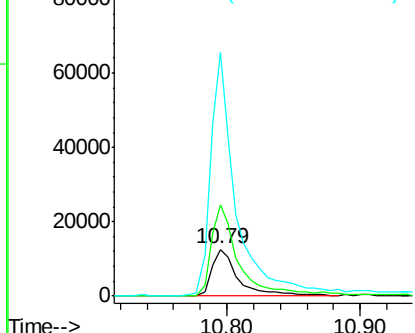


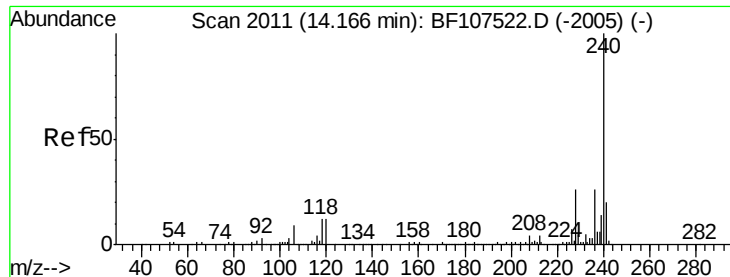
#66
 4-Bromophenyl-phenylether
 Concen: 4.107 ng
 RT: 10.79 min Scan# 1438
 Delta R.T. -0.26 min
 Lab File: BF107783.D
 Acq: 28 Jul 2018 8:43

Tgt Ion:248 Resp: 17761
 Ion Ratio Lower Upper
 248 100
 250 194.9 76.9 115.3#
 141 523.2 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: BF107783.D

Acq: 28 Jul 2018 8:43

Instrument :

BNA_F

ClientSampleId :

MW-30

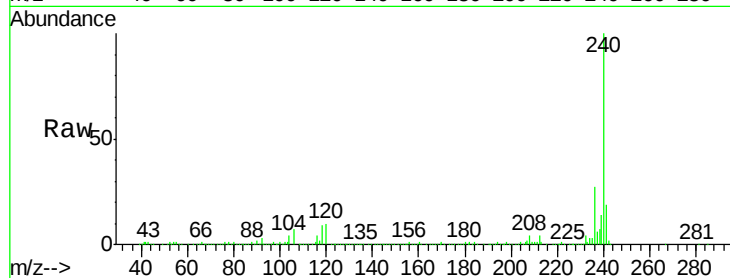
Tgt Ion:240 Resp: 389964

Ion Ratio Lower Upper

240 100

120 10.5 9.5 14.3

236 26.6 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

14.15

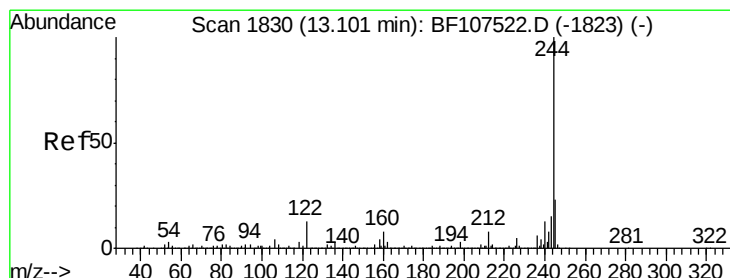
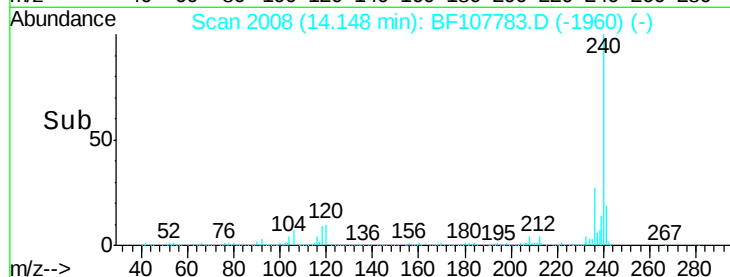
300000

200000

100000

0

Time-->



#78

Terphenyl-d14

Concen: 89.527 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BF107783.D

Acq: 28 Jul 2018 8:43

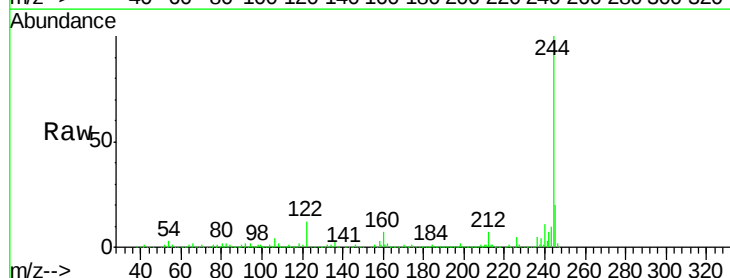
Tgt Ion:244 Resp: 1363721

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

122 11.8 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

13.08

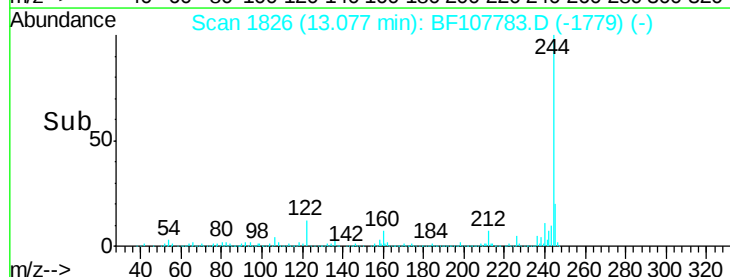
1500000

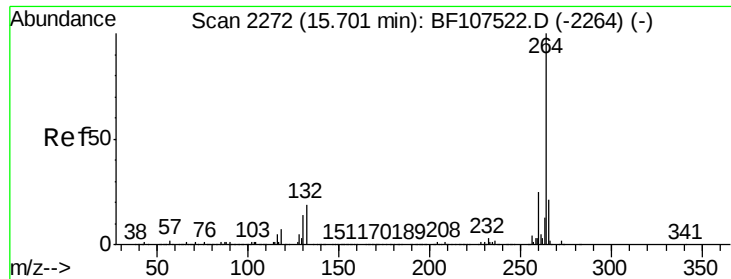
1000000

500000

0

Time-->

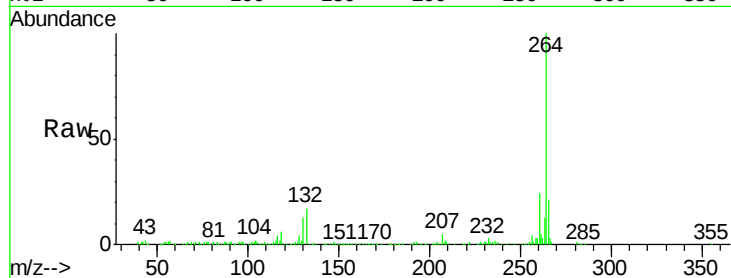




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.02 min
Lab File: BF107783.D
Acq: 28 Jul 2018 8:43

Instrument :
BNA_F
ClientSampleId :
MW-30

Tgt Ion: 264 Resp: 320439
Ion Ratio Lower Upper
264 100
260 24.4 19.2 28.8
265 20.5 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

