

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072718\
 Data File : BF107781.D
 Acq On : 28 Jul 2018 7:50
 Operator : JU/SJ
 Sample : J4184-10
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-9B

Quant Time: Jul 30 01:35:09 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

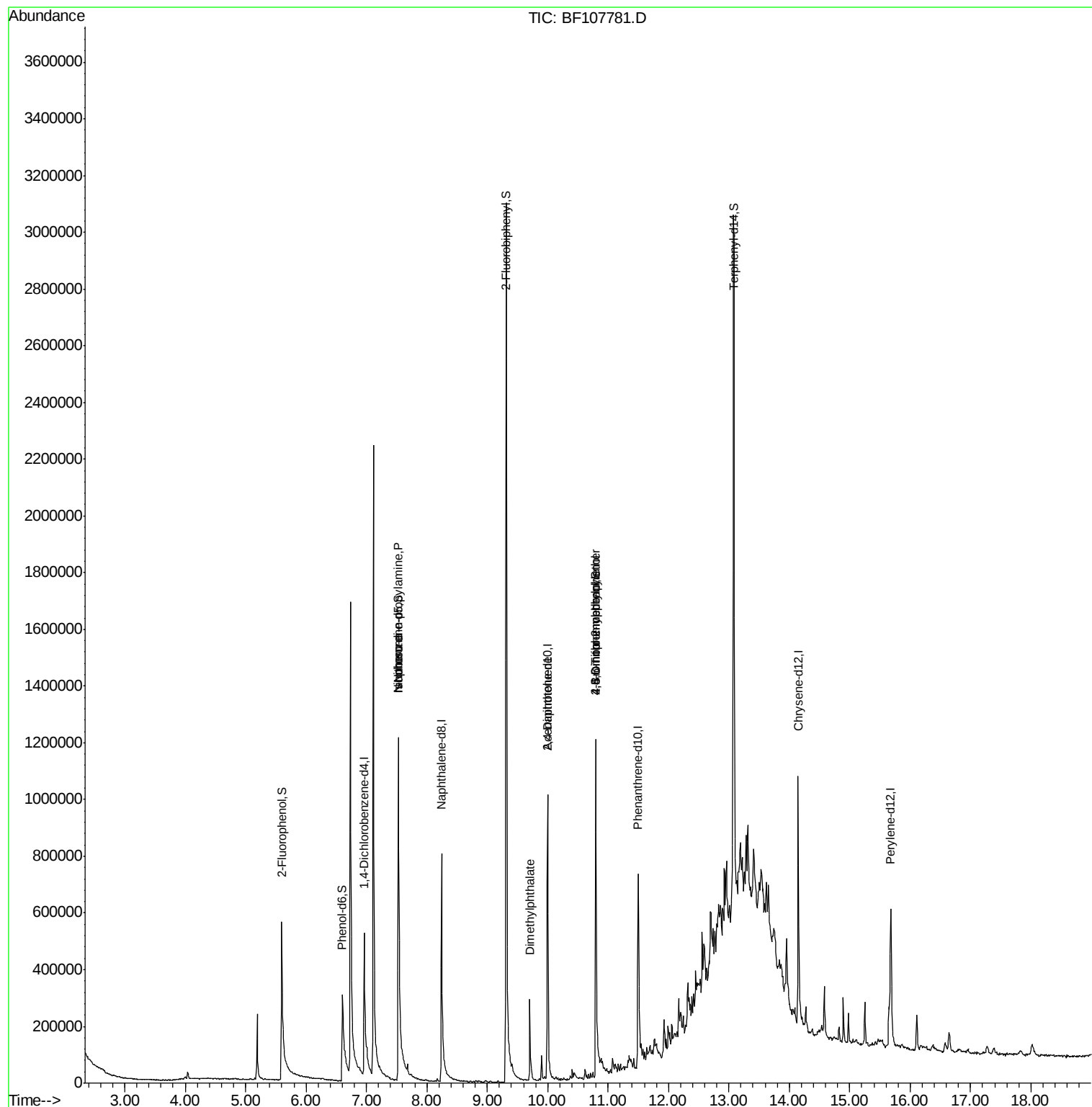
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	151971	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	586017	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	233225	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	414058	20.00	ng	-0.02
75) Chrysene-d12	14.15	240	430880	20.00	ng	-0.02
86) Perylene-d12	15.68	264	338196	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	365666	38.69	ng	-0.01
7) Phenol-d6	6.60	99	328156	28.91	ng	-0.01
23) Nitrobenzene-d5	7.53	82	721388	83.08	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	227660	85.84	ng	-0.02
44) 2-Fluorobiphenyl	9.31	172	1394840	111.34	ng	-0.02
78) Terphenyl-d14	13.08	244	1130612	67.18	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	92906	12.671	ng	# 81
25) Isophorone	7.53	82	721388	38.909	ng	# 64
49) Dimethylphthalate	9.71	163	150666	8.572	ng	100
56) 2,4-Dinitrotoluene	10.00	165	29834	7.082	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.80	198	262	8.788	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	14023	2.877	ng	# 1
73) Di-n-butylphthalate	12.04	149	1788	Below Cal		# 76
81) 3,3'-Dichlorobenzidine	14.07	252	119	Below Cal		# 1

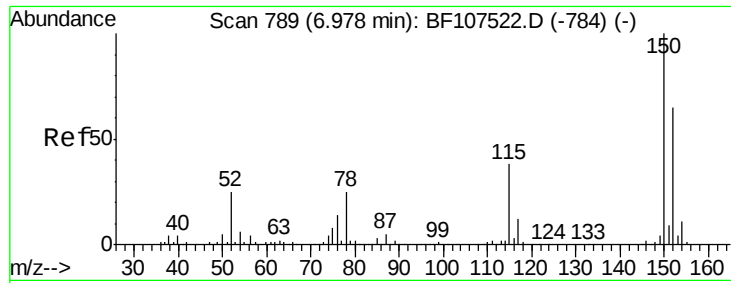
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072718\
Data File : BF107781.D
Acq On : 28 Jul 2018 7:50
Operator : JU/SJ
Sample : J4184-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-9B

Quant Time: Jul 30 01:35:09 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



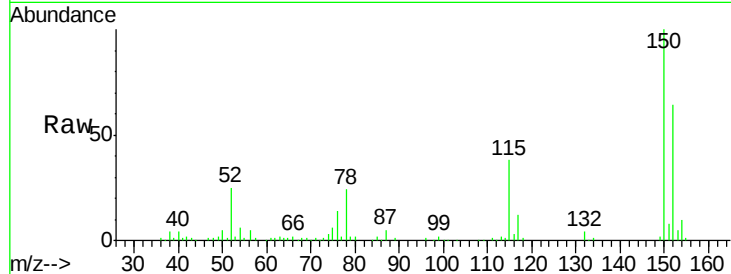


#1

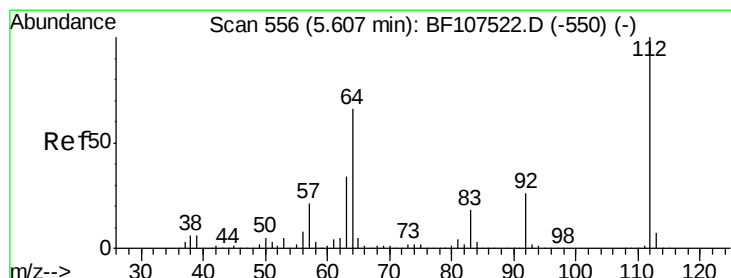
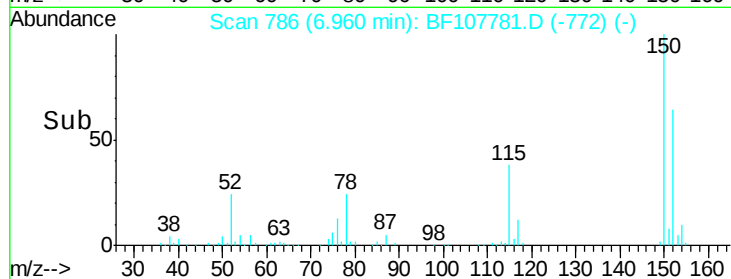
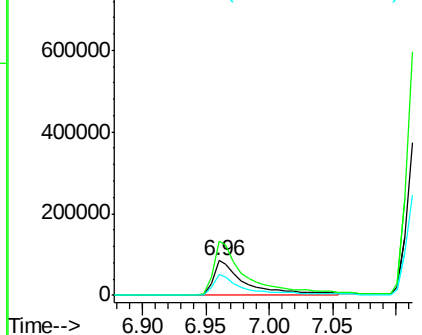
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.02 min
Lab File: BF107781.D
Acq: 28 Jul 2018 7:50

Instrument :
BNA_F
ClientSampleId :
MW-9B

Tgt Ion:152 Resp: 151971
Ion Ratio Lower Upper
152 100
150 156.9 124.6 186.8
115 59.0 50.1 75.1



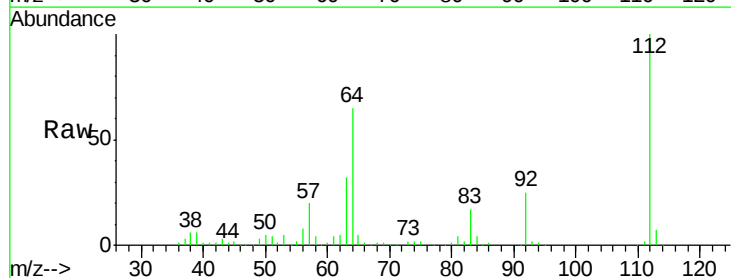
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



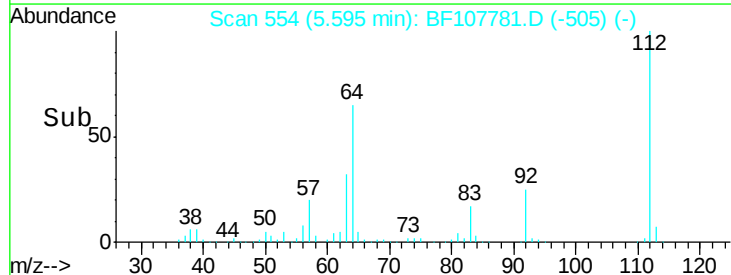
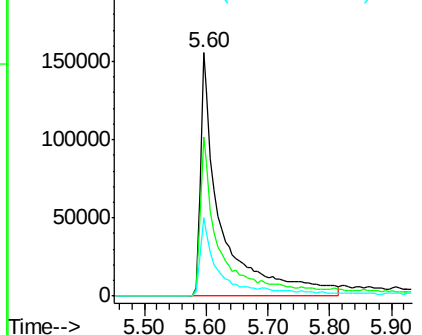
#5

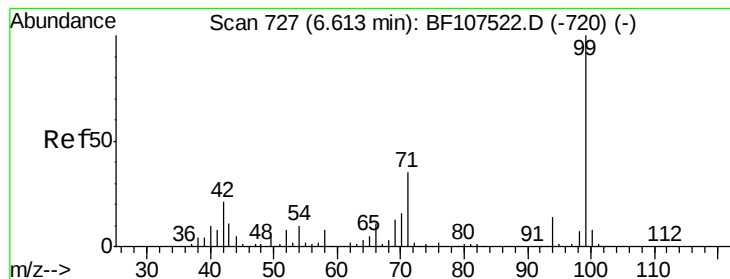
2-Fluorophenol
Concen: 38.686 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107781.D
Acq: 28 Jul 2018 7:50

Tgt Ion:112 Resp: 365666
Ion Ratio Lower Upper
112 100
64 65.2 47.9 71.9
63 32.4 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: 28.914 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107781.D

Acq: 28 Jul 2018 7:50

Instrument :

BNA_F

ClientSampled :

MW-9B

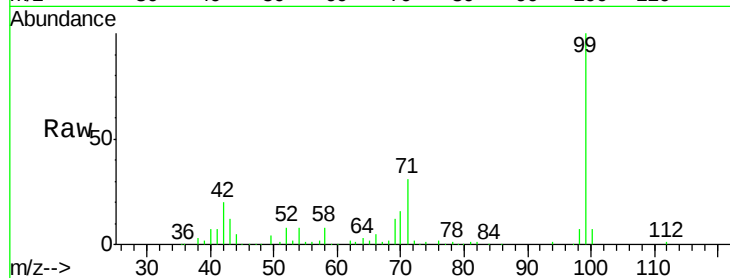
Tgt Ion: 99 Resp: 328156

Ion Ratio Lower Upper

99 100

42 20.1 14.5 21.7

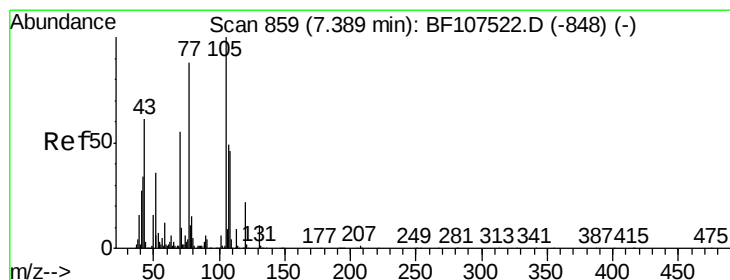
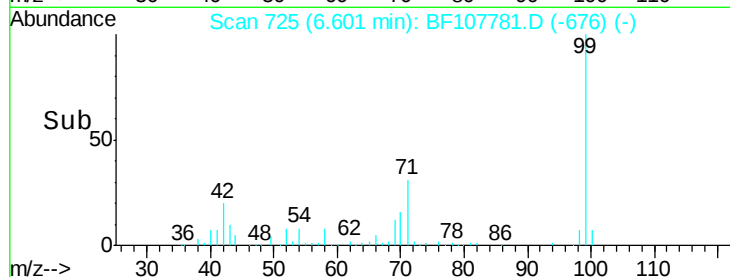
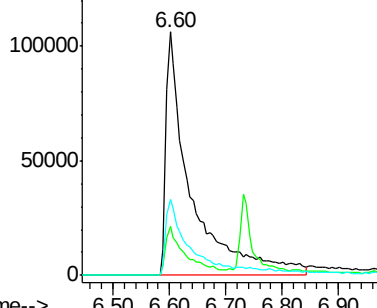
71 31.2 25.4 38.0



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: 12.671 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.14 min

Lab File: BF107781.D

Acq: 28 Jul 2018 7:50

Tgt Ion: 70 Resp: 92906

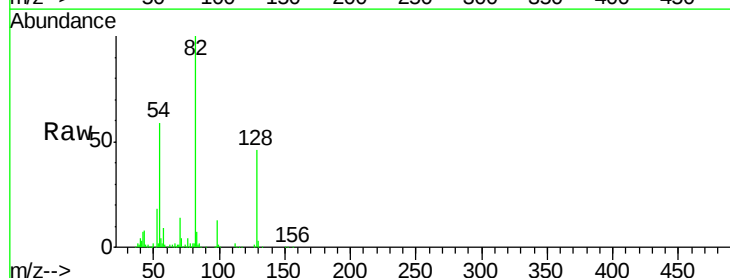
Ion Ratio Lower Upper

70 100

42 52.0 47.5 71.3

101 0.0 7.4 11.2#

130 1.8 16.6 25.0#

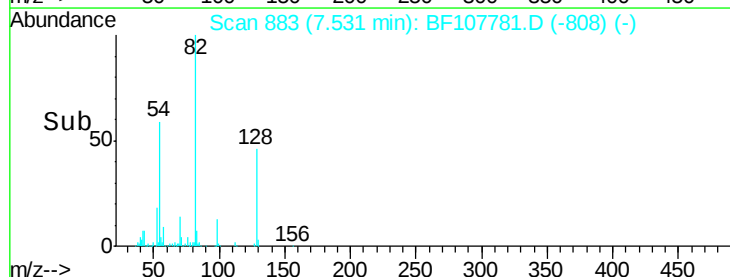
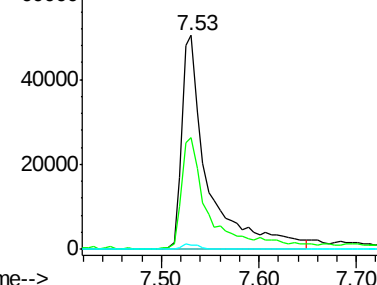


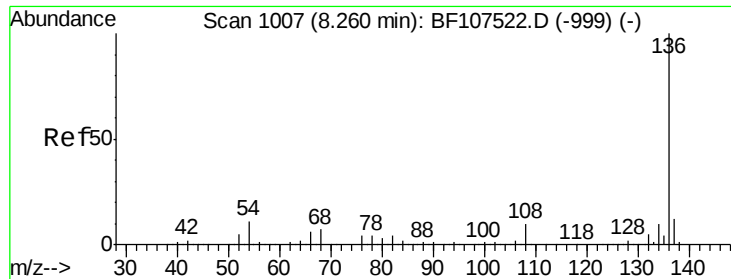
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

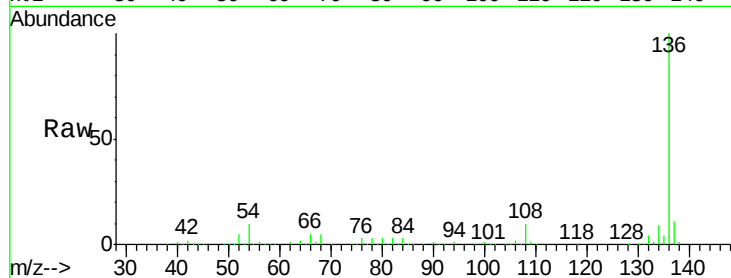




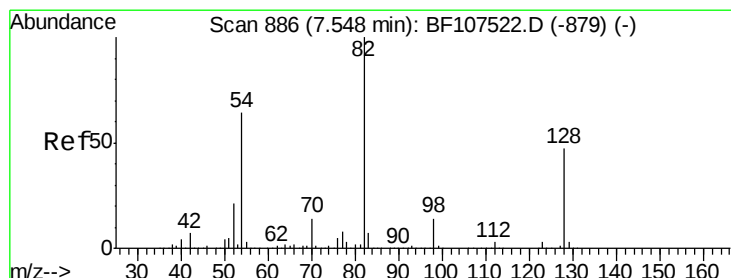
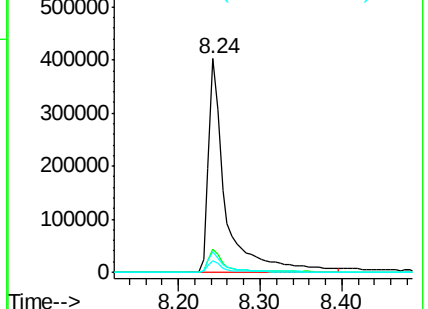
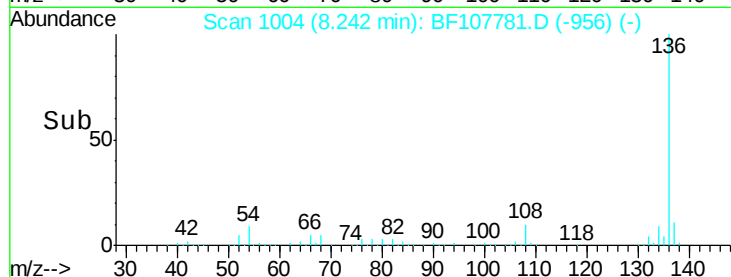
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF107781.D
Acq: 28 Jul 2018 7:50

Instrument :
BNA_F
ClientSampleId :
MW-9B

Tgt Ion:	136	Resp:	586017
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	9.7	6.6	9.8
68	5.2	5.0	7.4

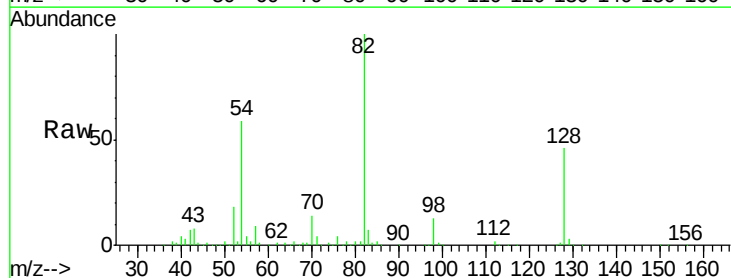


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

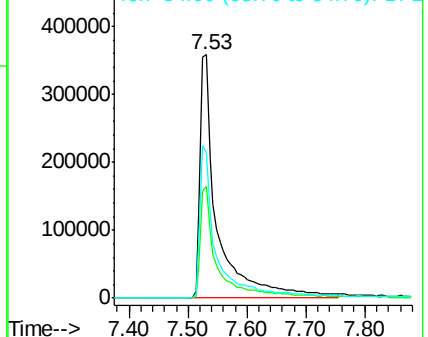
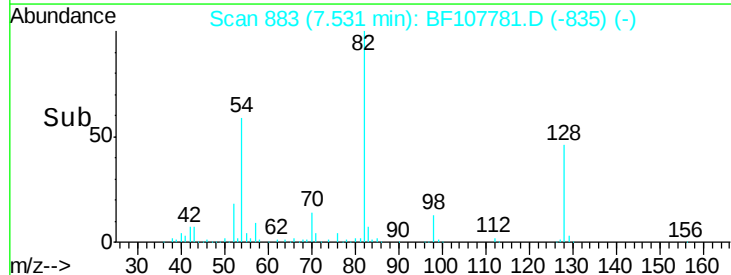


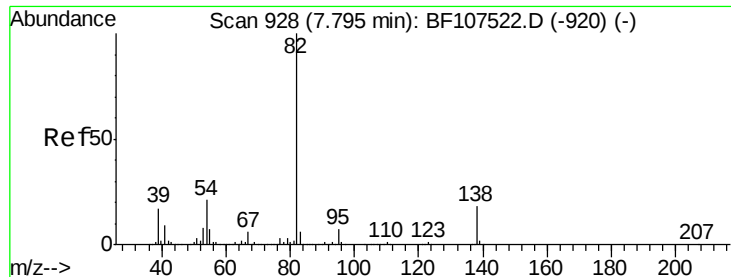
#23
Nitrobenzene-d5
Concen: 83.077 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF107781.D
Acq: 28 Jul 2018 7:50

Tgt Ion:	82	Resp:	721388
Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.1	54.1
54	59.4	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: 38.909 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.26 min

Lab File: BF107781.D

Acq: 28 Jul 2018 7:50

Instrument :

BNA_F

ClientSampleId :

MW-9B

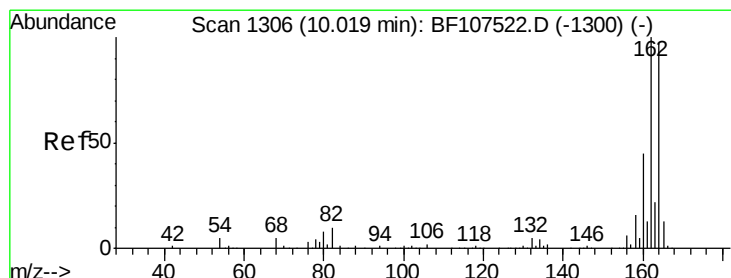
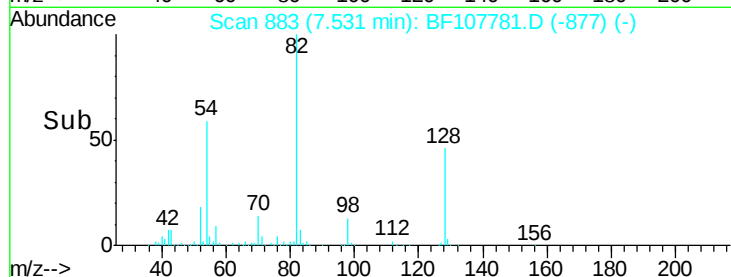
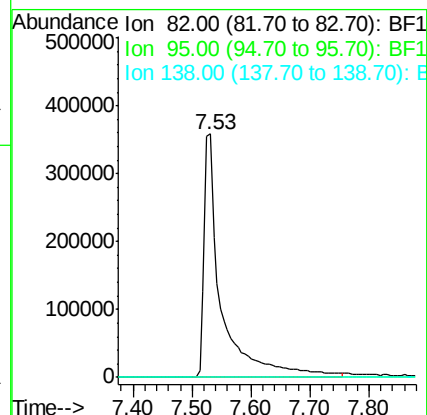
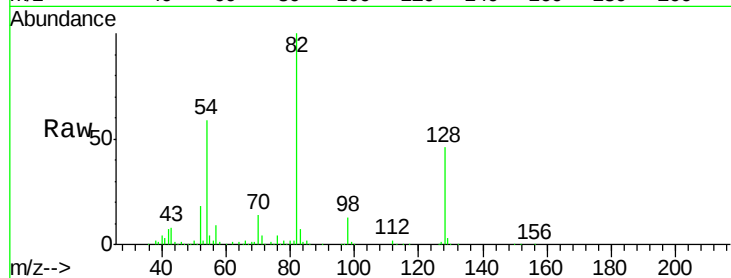
Tgt Ion: 82 Resp: 721388

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. -0.02 min

Lab File: BF107781.D

Acq: 28 Jul 2018 7:50

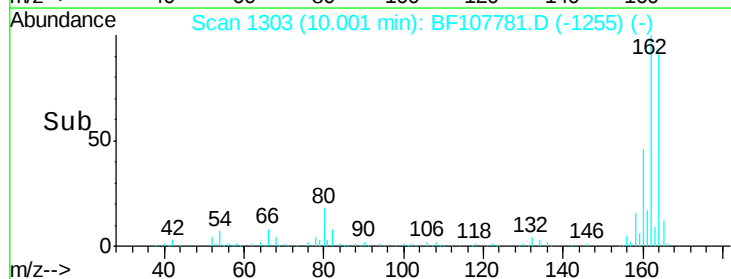
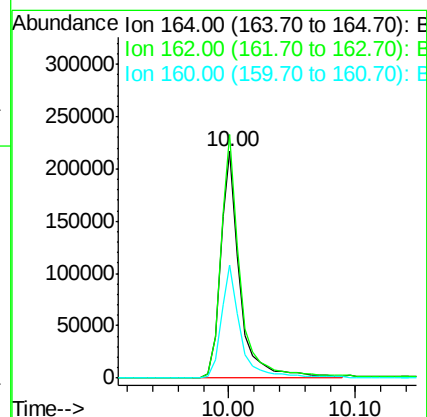
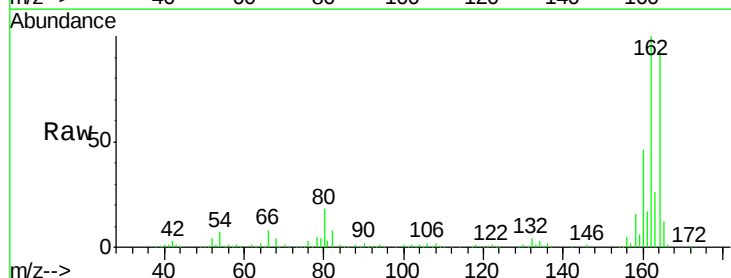
Tgt Ion: 164 Resp: 233225

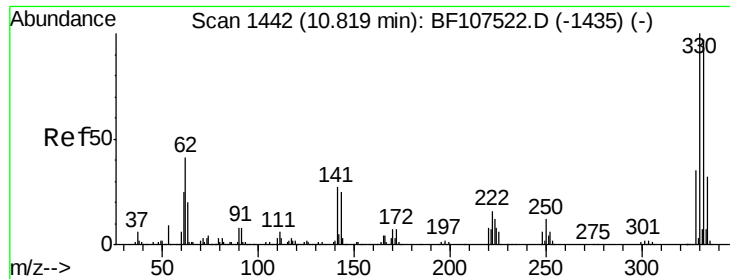
Ion Ratio Lower Upper

164 100

162 107.4 86.1 129.1

160 49.6 38.3 57.5

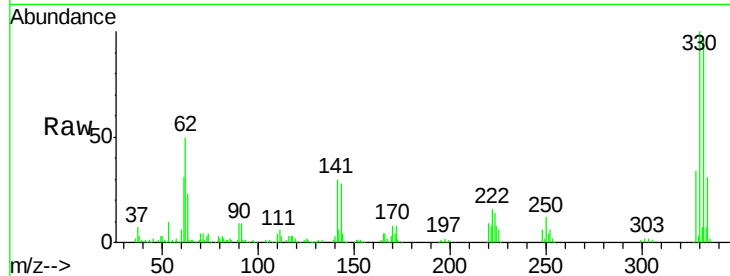




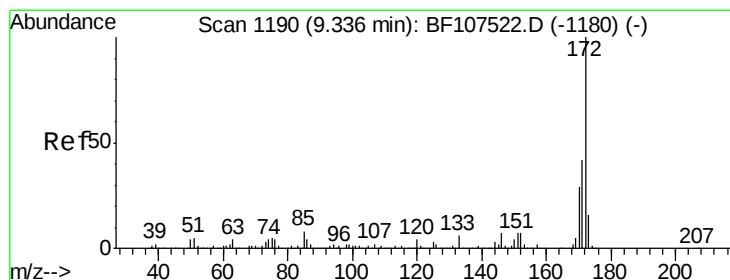
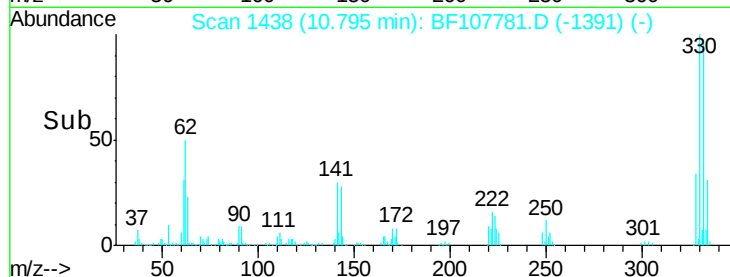
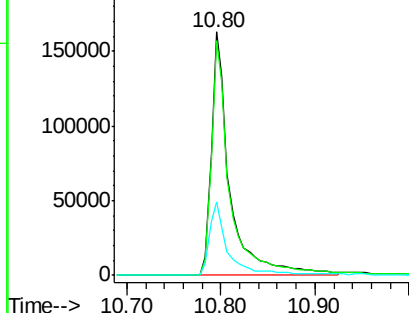
#41
 2,4,6-Tribromophenol
 Concen: 85.840 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.02 min
 Lab File: BF107781.D
 Acq: 28 Jul 2018 7:50

Instrument :
 BNA_F
 ClientSampleId :
 MW-9B

Tgt Ion:330 Resp: 227660
 Ion Ratio Lower Upper
 330 100
 332 98.6 77.0 115.6
 141 31.0 29.9 44.9

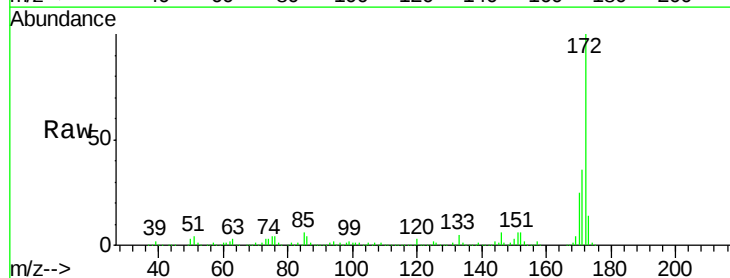


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

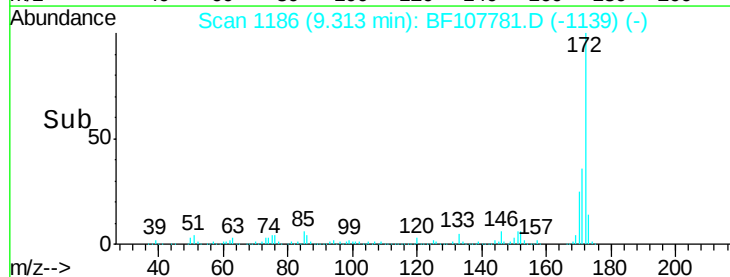
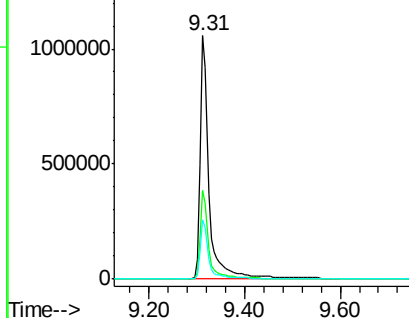


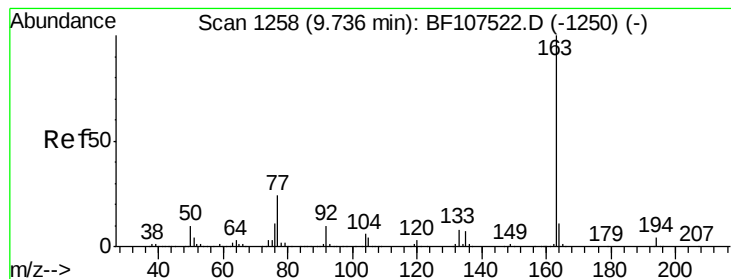
#44
 2-Fluorobiphenyl
 Concen: 111.341 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.02 min
 Lab File: BF107781.D
 Acq: 28 Jul 2018 7:50

Tgt Ion:172 Resp: 1394840
 Ion Ratio Lower Upper
 172 100
 171 36.5 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: 8.572 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.03 min

Lab File: BF107781.D

Acq: 28 Jul 2018 7:50

Instrument :

BNA_F

ClientSampleId :

MW-9B

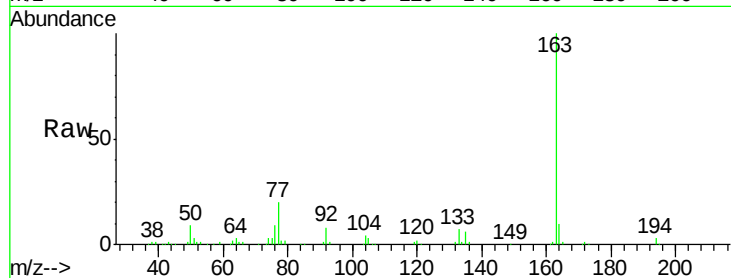
Tgt Ion:163 Resp: 150666

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

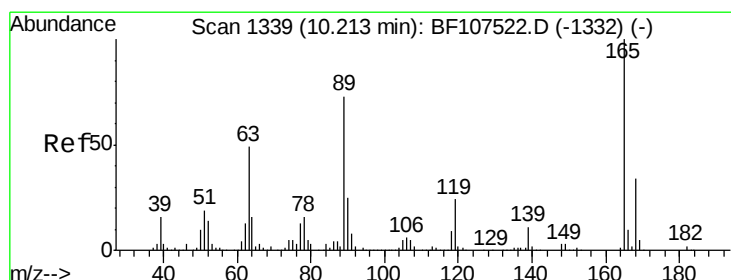
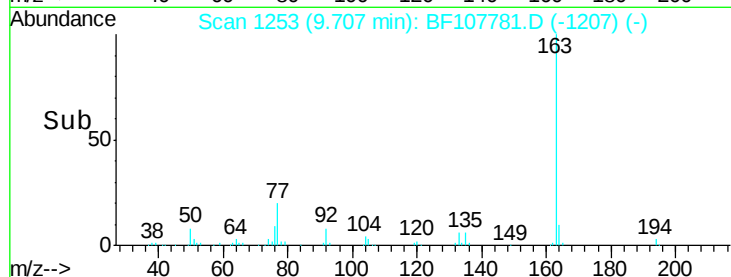
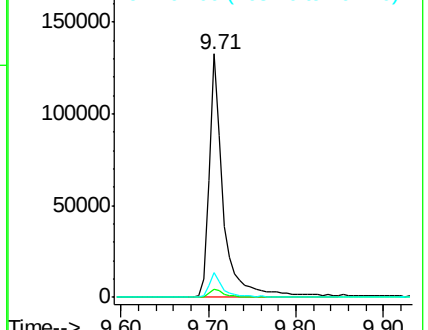
164 10.1 8.2 12.2



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



#56

2,4-Dinitrotoluene

Concen: 7.082 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.21 min

Lab File: BF107781.D

Acq: 28 Jul 2018 7:50

Tgt Ion:165 Resp: 29834

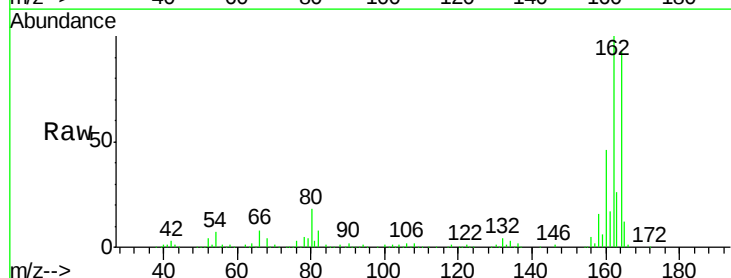
Ion Ratio Lower Upper

165 100

63 1.8 36.4 54.6#

89 1.6 57.8 86.6#

182 0.0 1.6 2.4#

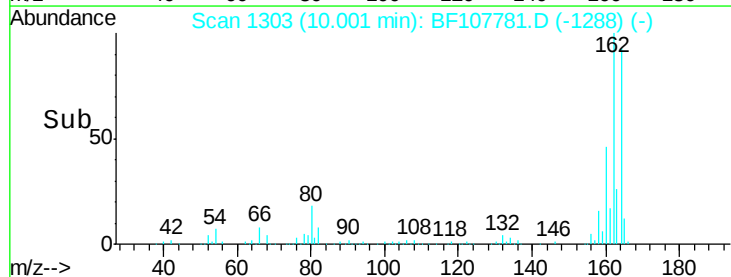
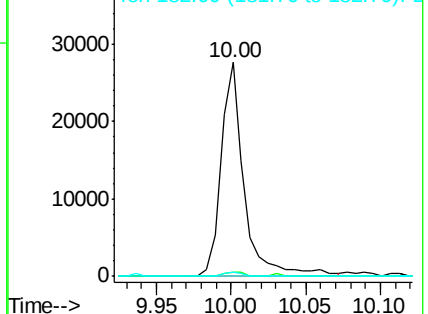


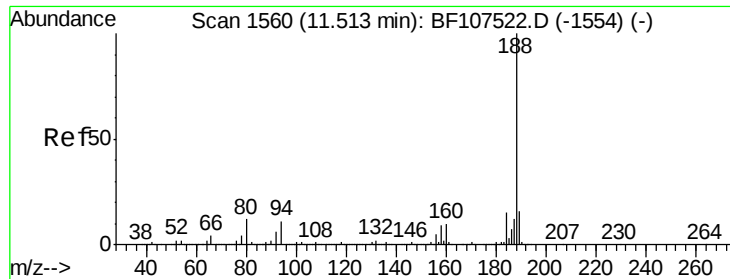
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.49 min Scan# 1557

Delta R.T. -0.02 min

Lab File: BF107781.D

Acq: 28 Jul 2018 7:50

Instrument :

BNA_F

ClientSampleId :

MW-9B

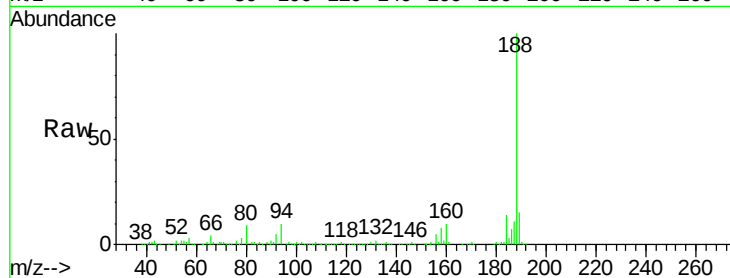
Tgt Ion:188 Resp: 414058

Ion Ratio Lower Upper

188 100

94 9.6 8.5 12.7

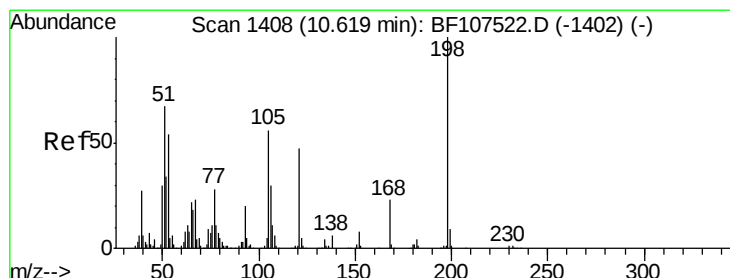
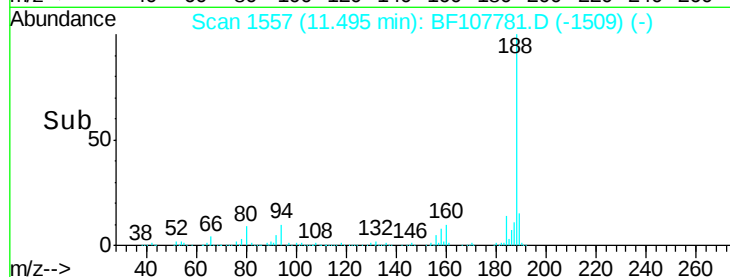
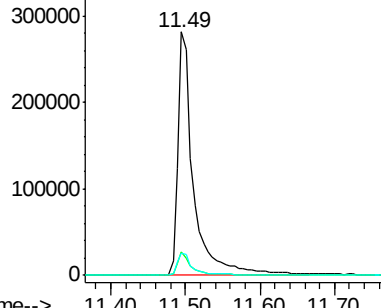
80 9.0 9.2 13.8#



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: 8.788 ng

RT: 10.80 min Scan# 1438

Delta R.T. 0.18 min

Lab File: BF107781.D

Acq: 28 Jul 2018 7:50

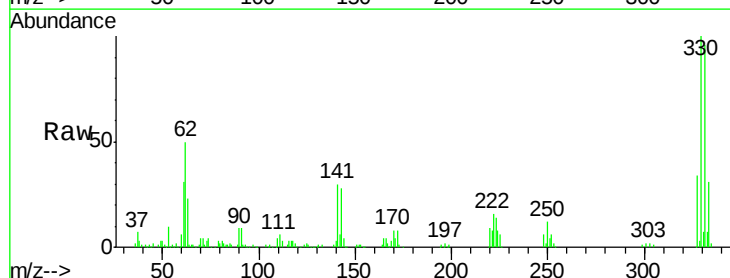
Tgt Ion:198 Resp: 262

Ion Ratio Lower Upper

198 100

51 233.3 37.7 77.7#

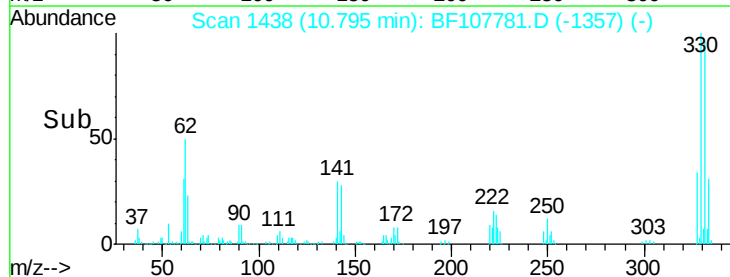
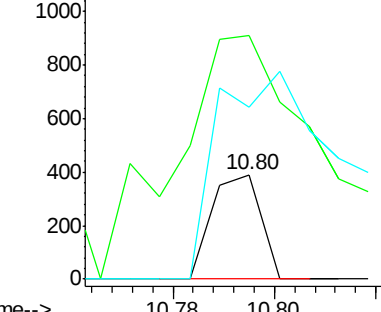
105 165.1 36.3 76.3#

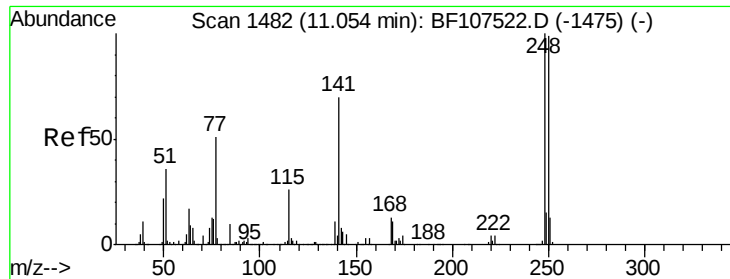


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

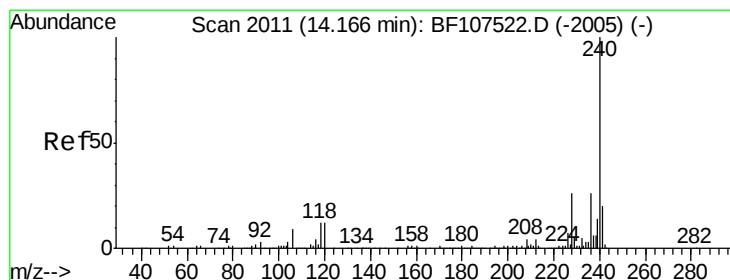
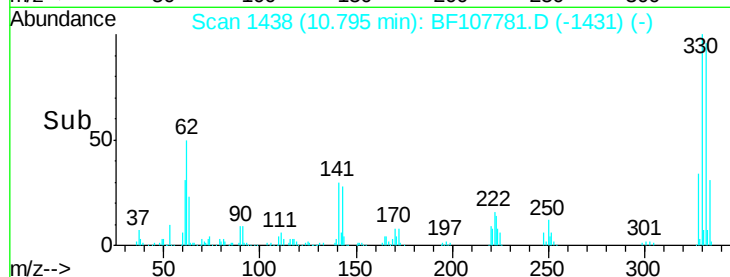
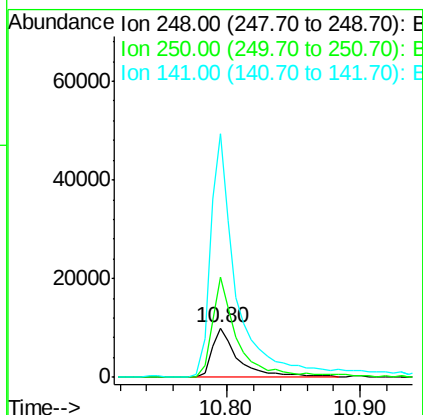
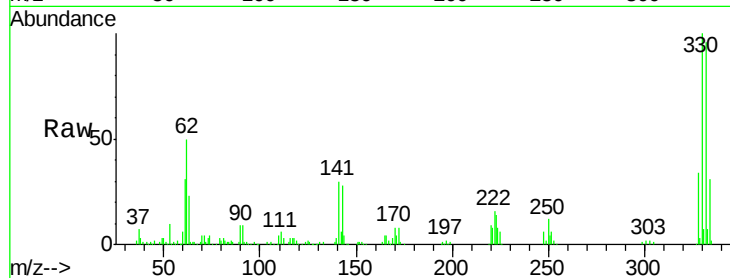




#66
 4-Bromophenyl-phenylether
 Concen: 2.877 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.26 min
 Lab File: BF107781.D
 Acq: 28 Jul 2018 7:50

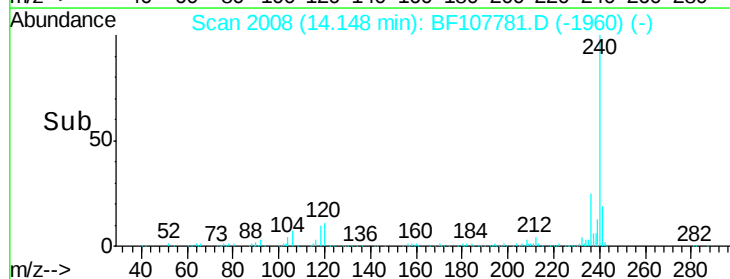
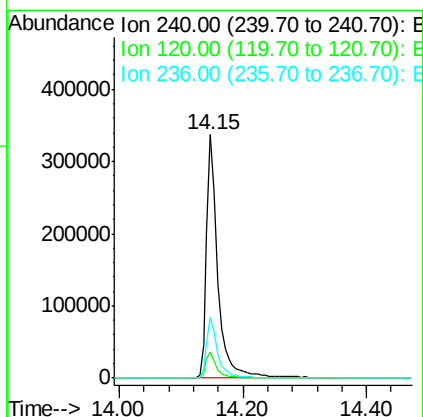
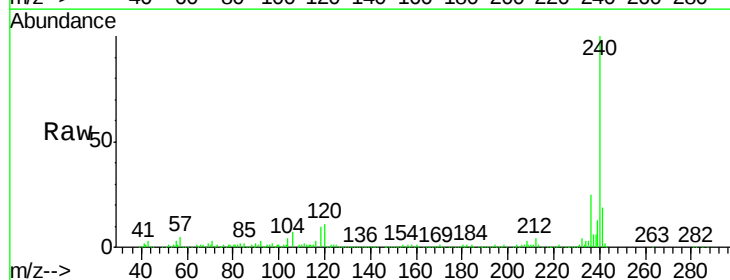
Instrument :
 BNA_F
 ClientSampleId :
 MW-9B

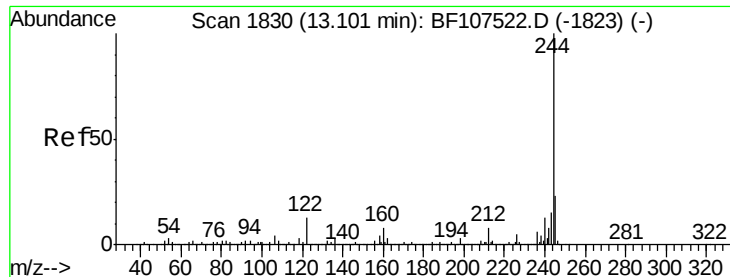
Tgt Ion:248 Resp: 14023
 Ion Ratio Lower Upper
 248 100
 250 201.2 76.9 115.3#
 141 491.1 74.4 111.6#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2008
 Delta R.T. -0.02 min
 Lab File: BF107781.D
 Acq: 28 Jul 2018 7:50

Tgt Ion:240 Resp: 430880
 Ion Ratio Lower Upper
 240 100
 120 10.6 9.5 14.3
 236 24.8 20.7 31.1

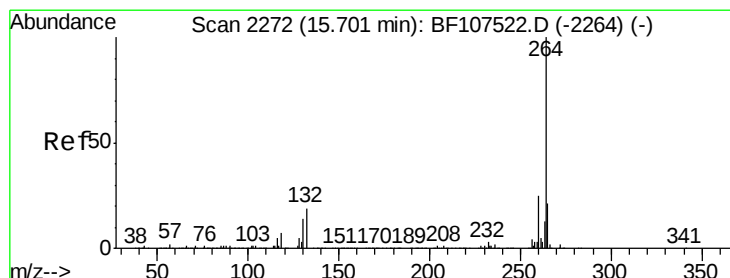
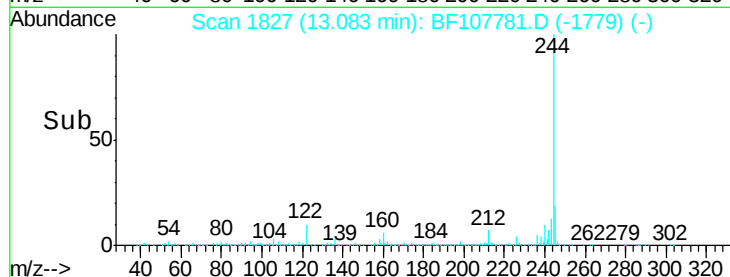
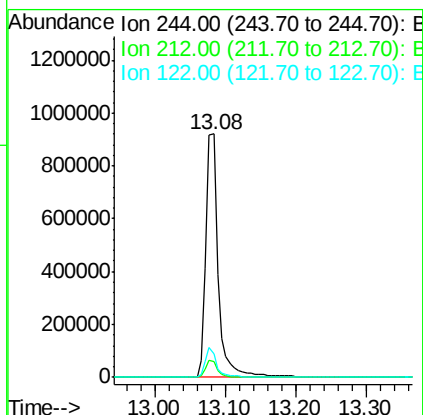
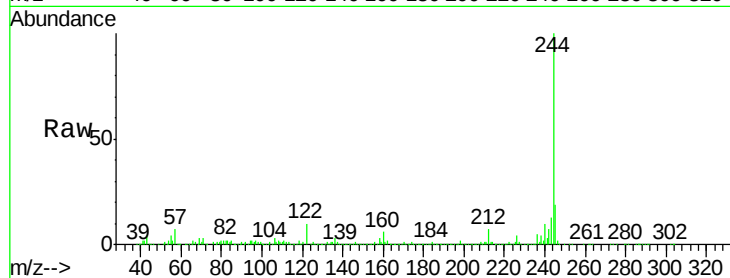




#78
 Terphenyl-d14
 Concen: 67.176 ng
 RT: 13.08 min Scan# 1827
 Delta R.T. -0.02 min
 Lab File: BF107781.D
 Acq: 28 Jul 2018 7:50

Instrument :
 BNA_F
 ClientSampleId :
 MW-9B

Tgt Ion:244 Resp: 1130612
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 9.8 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. -0.02 min
 Lab File: BF107781.D
 Acq: 28 Jul 2018 7:50

Tgt Ion:264 Resp: 338196
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.8 17.5 26.3

