

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
 Data File : BF107731.D
 Acq On : 27 Jul 2018 6:51
 Operator : JU/SJ
 Sample : J4142-05
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Quant Time: Jul 27 08:23:39 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

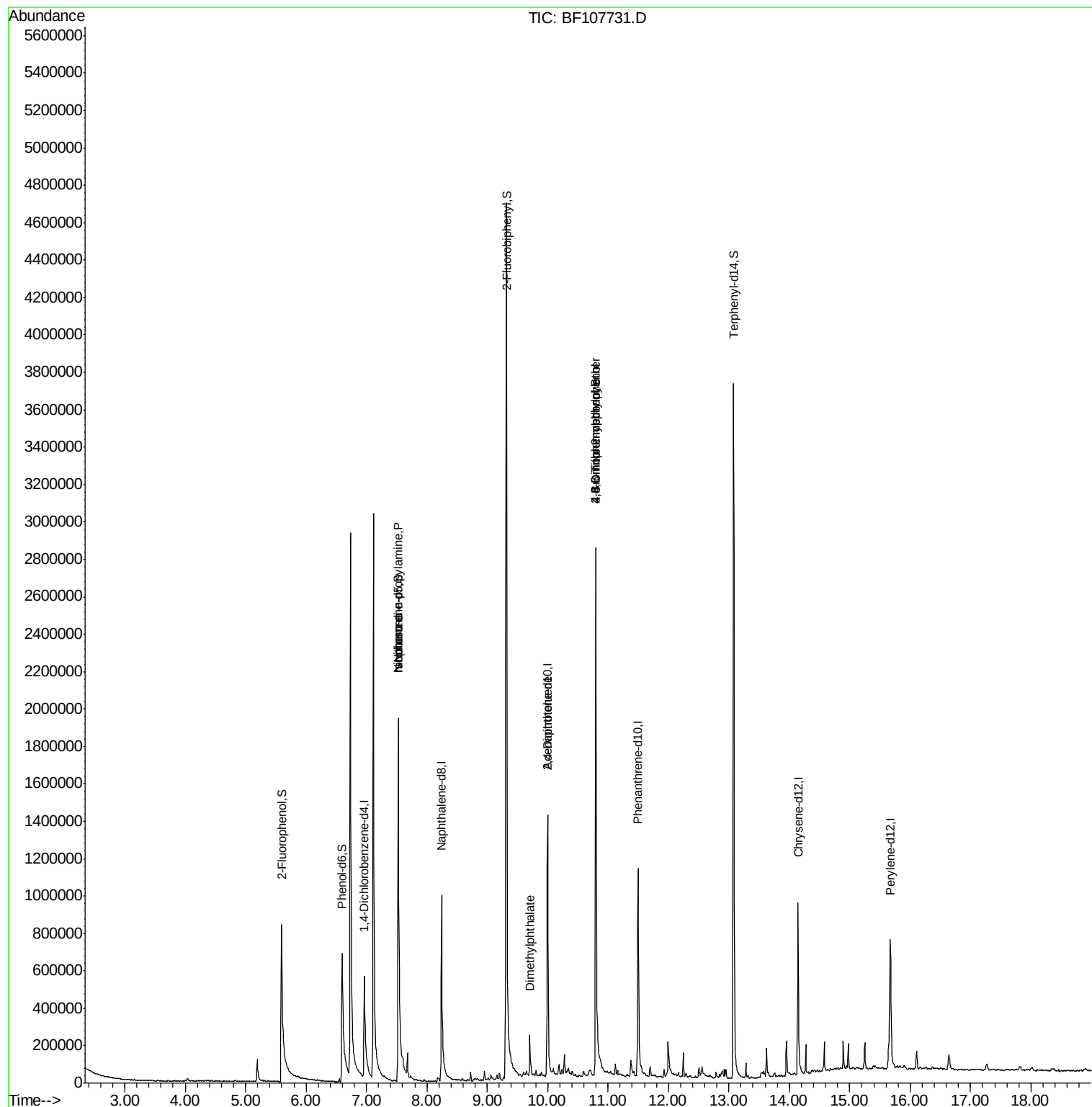
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	181925	20.00	ng	-0.01
21) Naphthalene-d8	8.24	136	777012	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	340040	20.00	ng	-0.02
63) Phenanthrene-d10	11.50	188	605610	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	411195	20.00	ng	-0.02
86) Perylene-d12	15.67	264	434009	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	599154	52.95	ng	-0.01
7) Phenol-d6	6.60	99	613815	45.18	ng	-0.02
23) Nitrobenzene-d5	7.52	82	1126816	97.87	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	539872	139.62	ng	-0.02
44) 2-Fluorobiphenyl	9.32	172	2203087	126.62	ng	-0.02
78) Terphenyl-d14	13.08	244	1548232	96.39	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	143211	16.316	ng	# 78
25) Isophorone	7.52	82	1136924	46.248	ng	# 64
49) Dimethylphthalate	9.71	163	126409	4.933	ng	# 99
56) 2,4-Dinitrotoluene	10.00	165	45349	7.384	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.80	198	673	8.869	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	31653	4.440	ng	# 1
73) Di-n-butylphthalate	12.04	149	4289	Below Cal		# 86

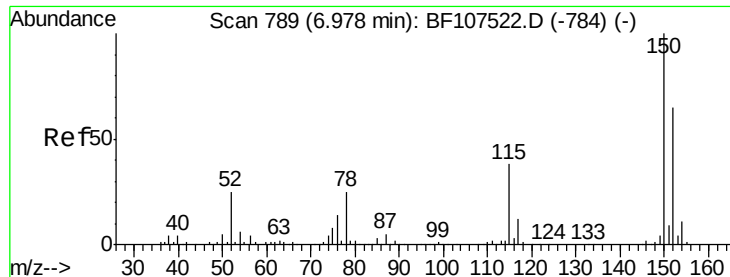
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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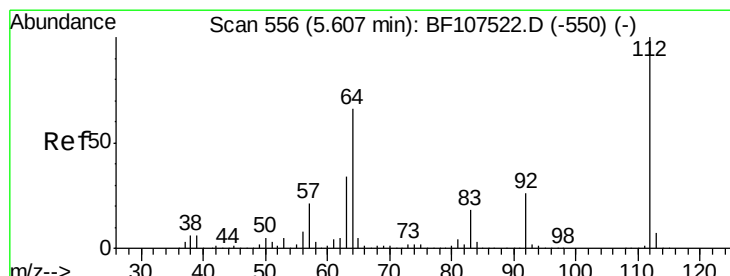
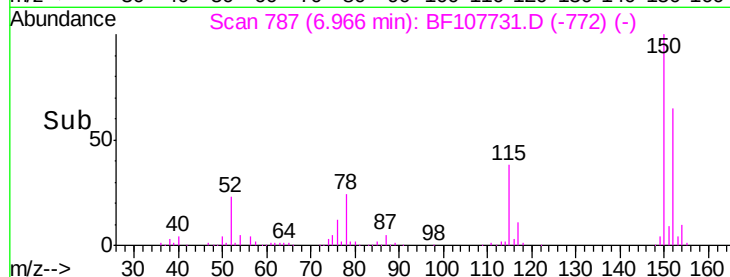
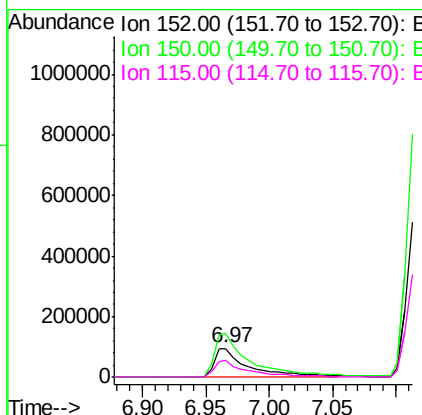
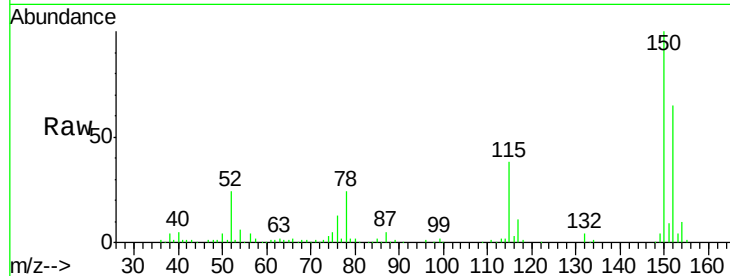


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF107731.D
 Acq: 27 Jul 2018 6:51

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

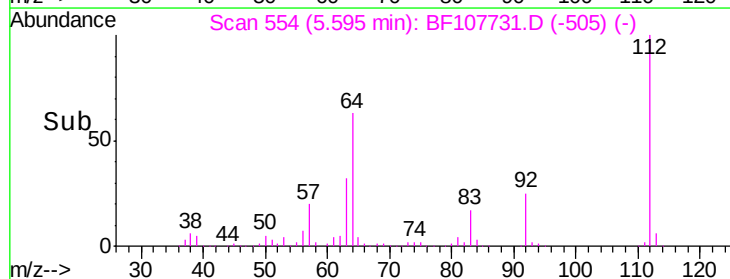
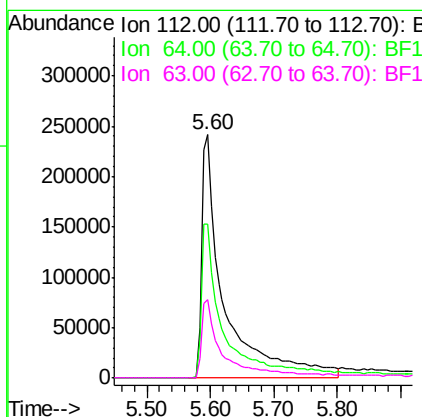
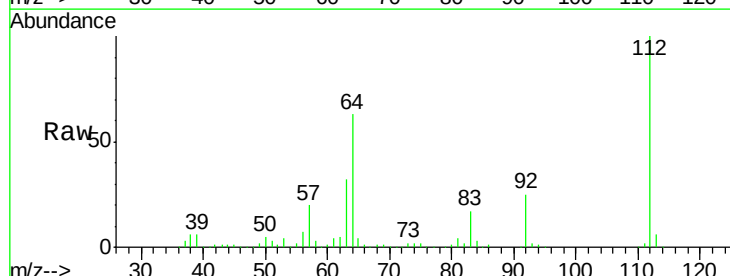
Tgt Ion:152 Resp: 181925
 Ion Ratio Lower Upper
 152 100
 150 152.9 124.6 186.8
 115 57.4 50.1 75.1

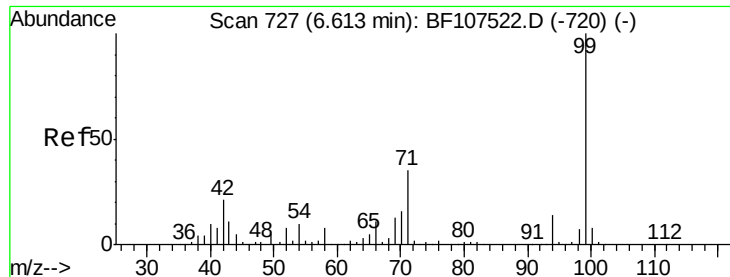


#5

2-Fluorophenol
 Concen: 52.952 ng
 RT: 5.60 min Scan# 554
 Delta R.T. -0.01 min
 Lab File: BF107731.D
 Acq: 27 Jul 2018 6:51

Tgt Ion:112 Resp: 599154
 Ion Ratio Lower Upper
 112 100
 64 63.1 47.9 71.9
 63 32.0 23.7 35.5





#7

Phenol-d6

Concen: 45.178 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107731.D

Acq: 27 Jul 2018 6:51

Instrument :

BNA_F

ClientSampleId :

MW-1

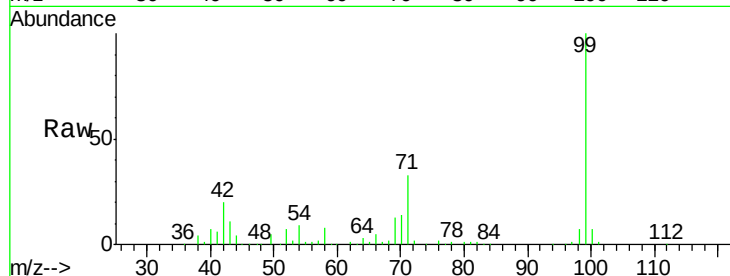
Tgt Ion: 99 Resp: 613815

Ion Ratio Lower Upper

99 100

42 19.8 14.5 21.7

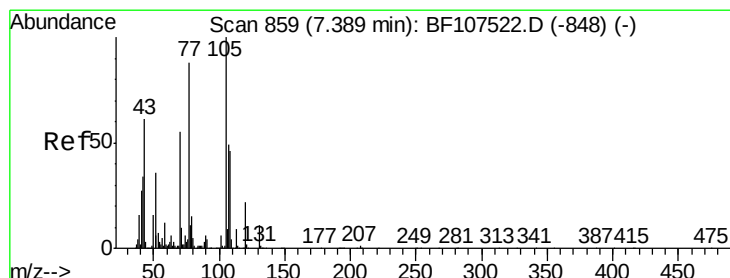
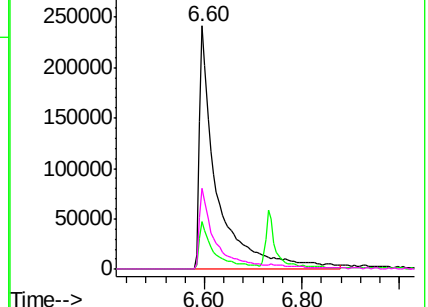
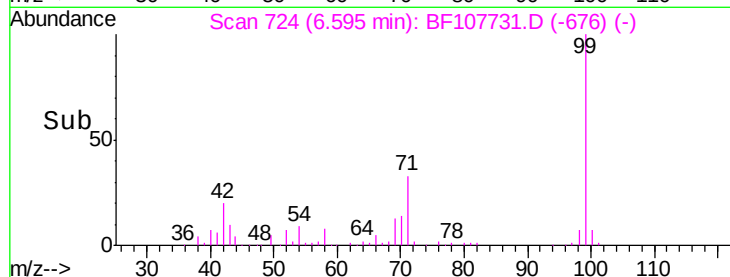
71 33.1 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 16.316 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.14 min

Lab File: BF107731.D

Acq: 27 Jul 2018 6:51

Tgt Ion: 70 Resp: 143211

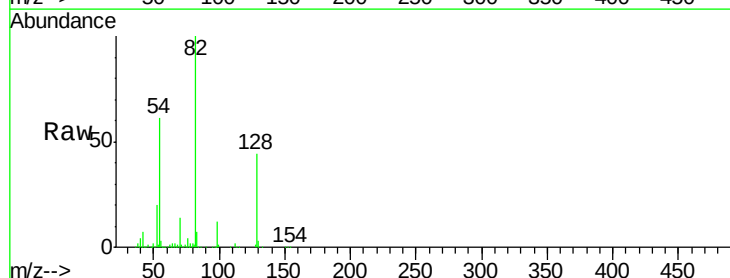
Ion Ratio Lower Upper

70 100

42 48.4 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

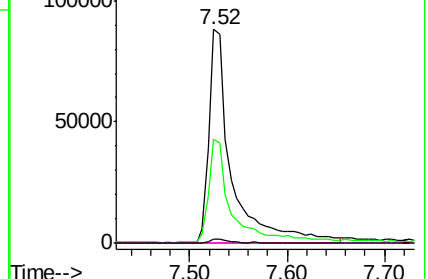
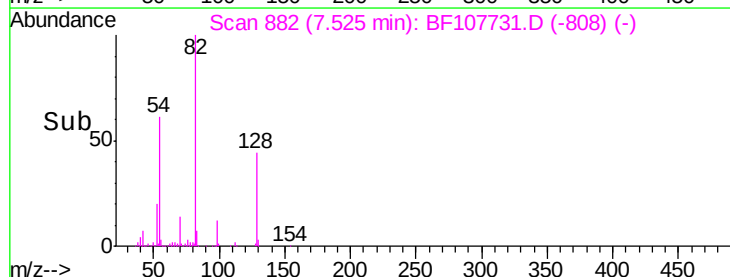


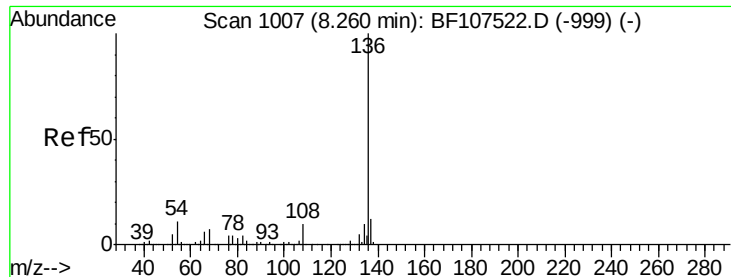
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

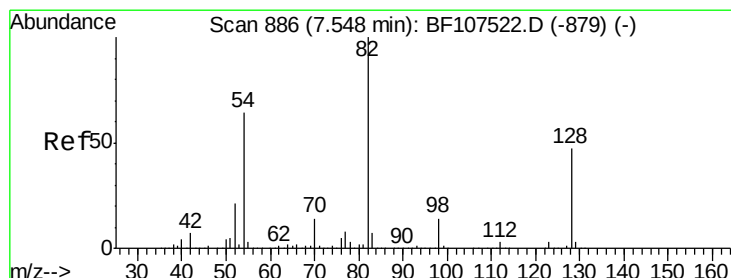
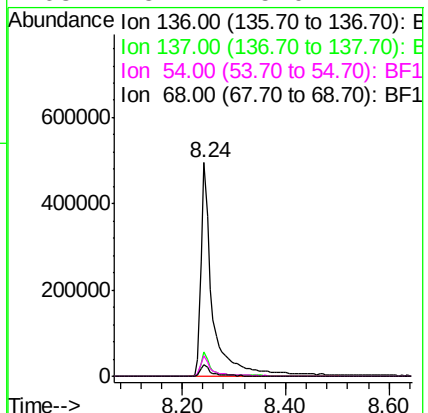
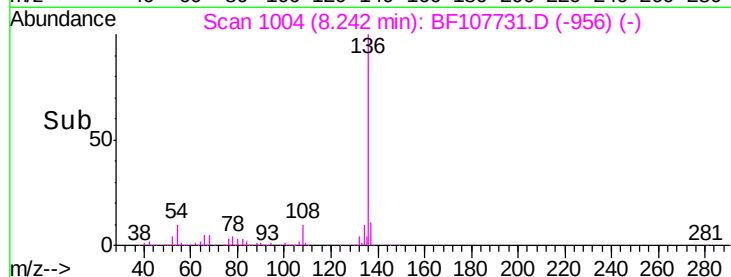
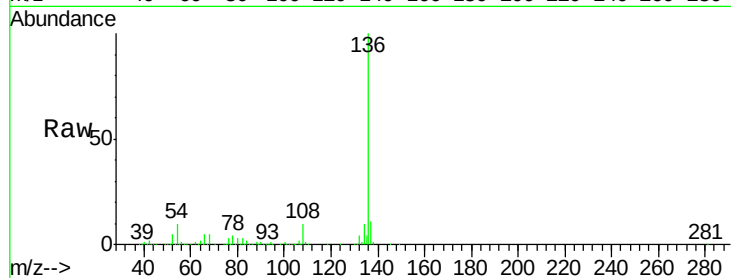




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF107731.D
Acq: 27 Jul 2018 6:51

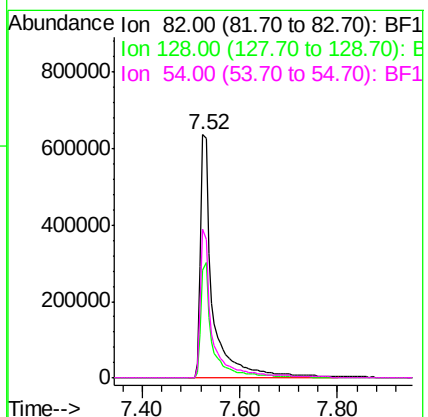
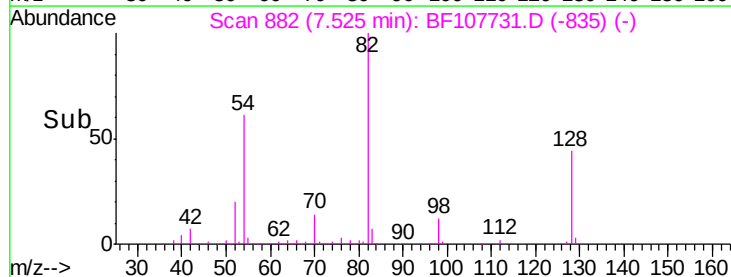
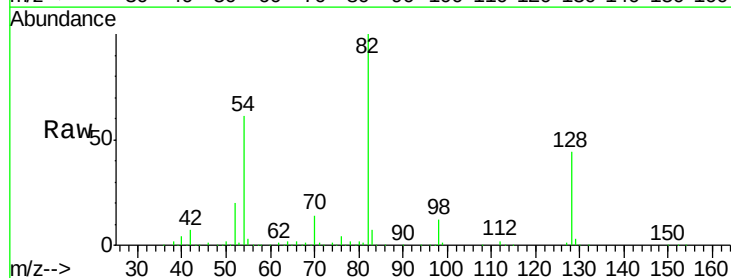
Instrument :
BNA_F
ClientSampleId :
MW-1

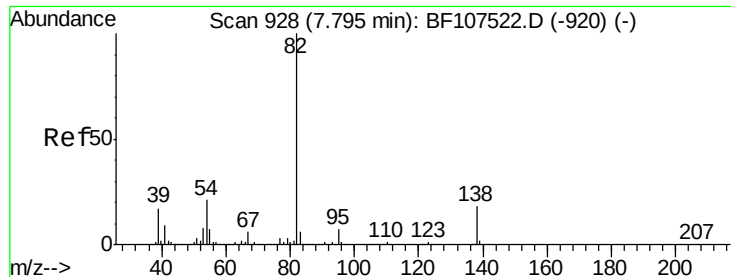
Tgt Ion:	136	Resp:	777012
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.7	6.6	9.8
68	5.4	5.0	7.4



#23
Nitrobenzene-d5
Concen: 97.870 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF107731.D
Acq: 27 Jul 2018 6:51

Tgt Ion:	82	Resp:	1126816
Ion	Ratio	Lower	Upper
82	100		
128	44.2	36.1	54.1
54	61.3	41.4	62.2





#25

Isophorone

Concen: 46.248 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.27 min

Lab File: BF107731.D

Acq: 27 Jul 2018 6:51

Instrument :

BNA_F

ClientSampleId :

MW-1

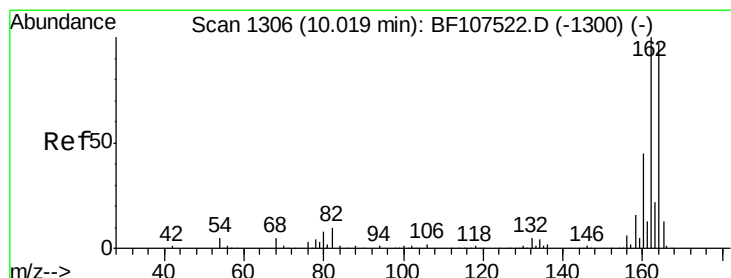
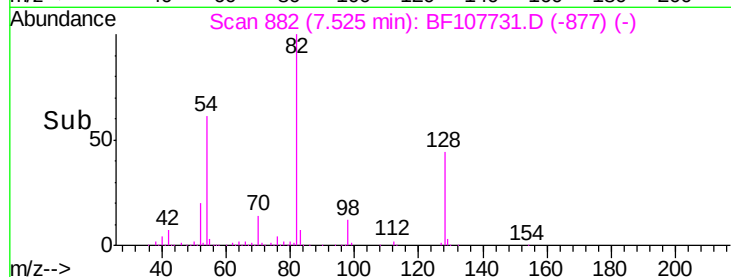
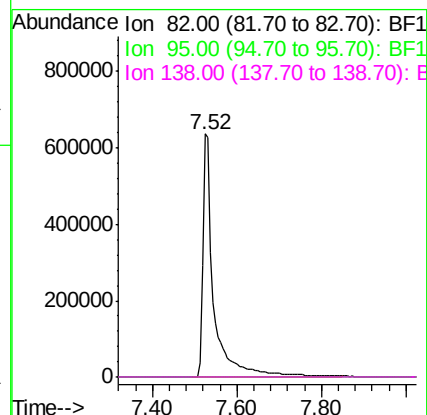
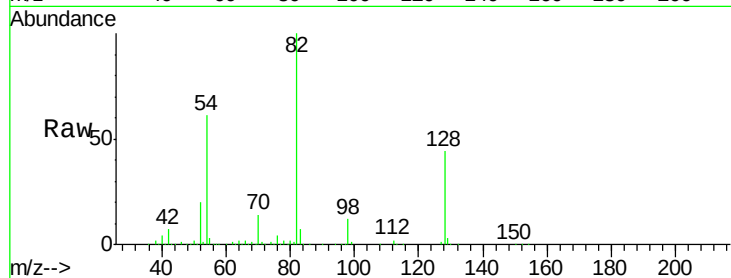
Tgt Ion: 82 Resp: 1136924

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: BF107731.D

Acq: 27 Jul 2018 6:51

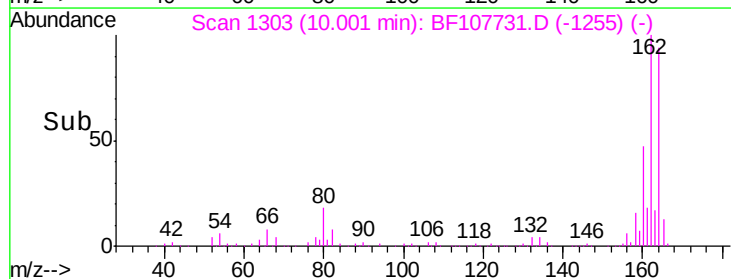
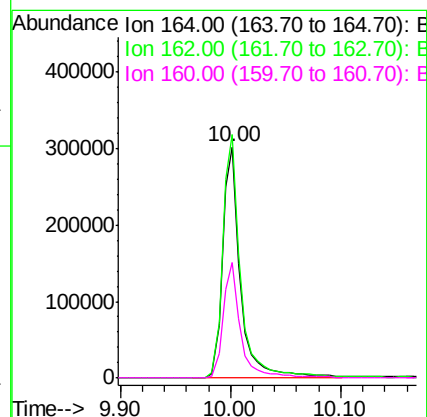
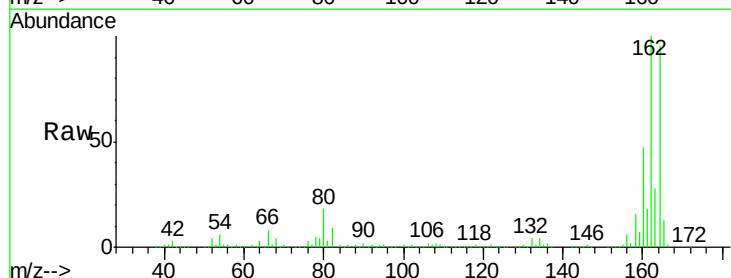
Tgt Ion: 164 Resp: 340040

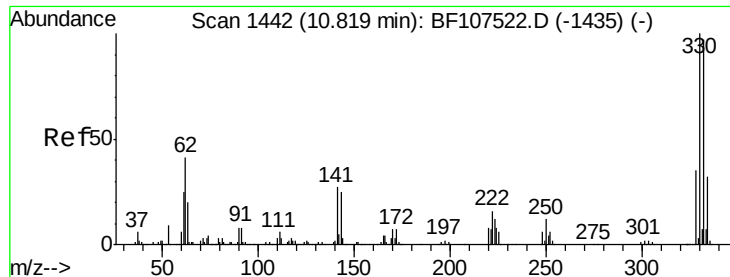
Ion Ratio Lower Upper

164 100

162 105.3 86.1 129.1

160 49.8 38.3 57.5

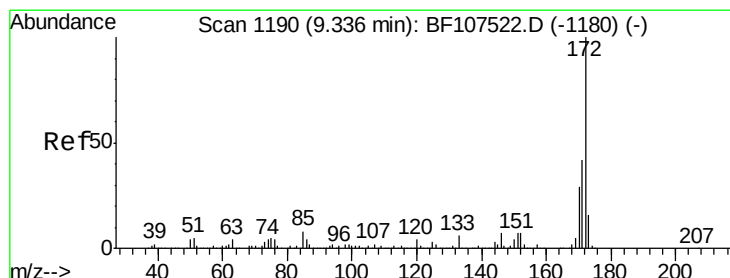
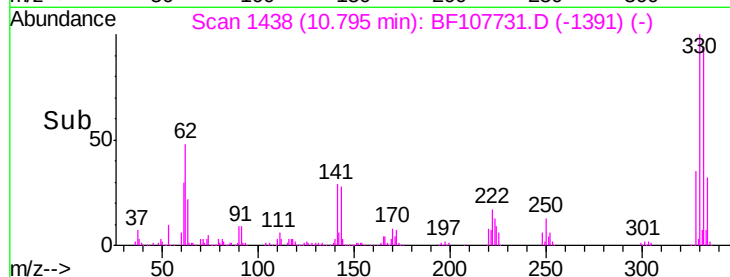
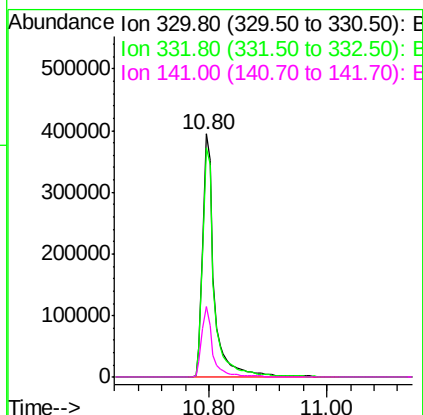
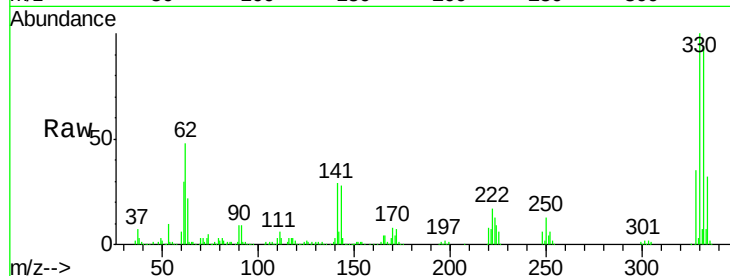




#41
 2,4,6-Tribromophenol
 Concen: 139.618 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.02 min
 Lab File: BF107731.D
 Acq: 27 Jul 2018 6:51

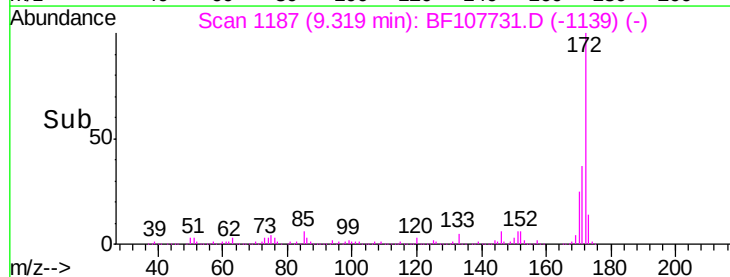
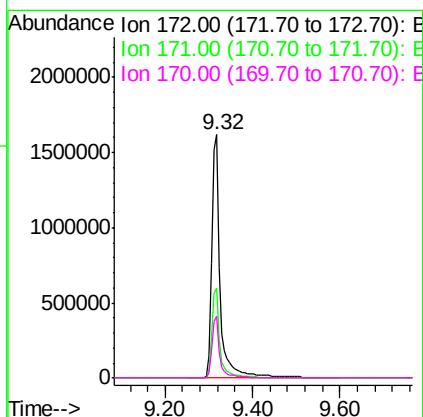
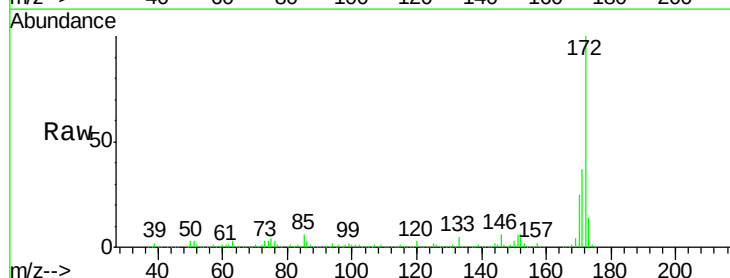
Instrument :
 BNA_F
 ClientSampled :
 MW-1

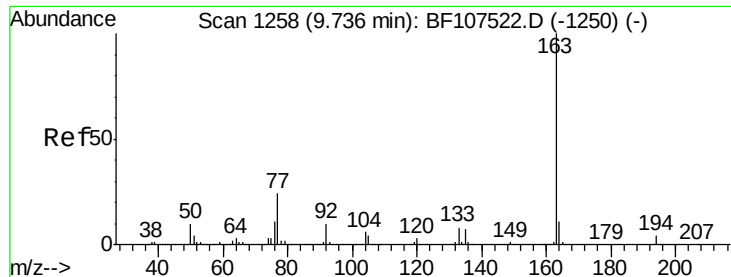
Tgt Ion:330 Resp: 539872
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 28.5 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 126.617 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.02 min
 Lab File: BF107731.D
 Acq: 27 Jul 2018 6:51

Tgt Ion:172 Resp: 2203087
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.7 44.5
 170 25.3 19.6 29.4

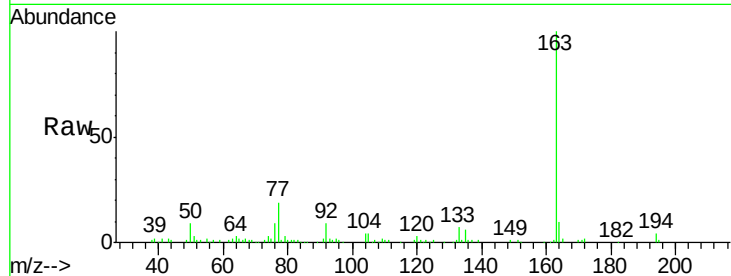




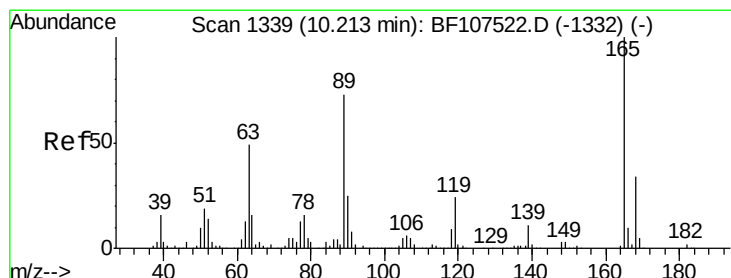
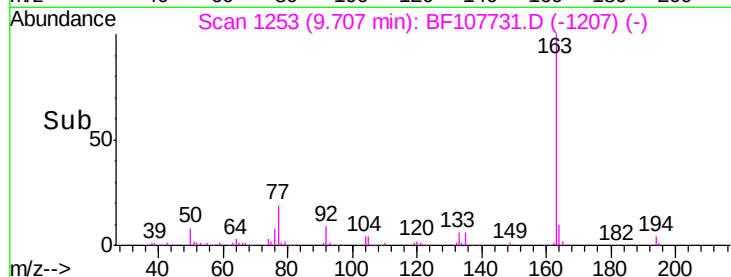
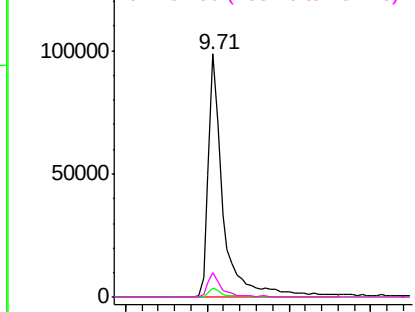
#49
 Dimethylphthalate
 Concen: 4.933 ng
 RT: 9.71 min Scan# 1253
 Delta R.T. -0.03 min
 Lab File: BF107731.D
 Acq: 27 Jul 2018 6:51

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Tgt Ion:163 Resp: 126409
 Ion Ratio Lower Upper
 163 100
 194 3.7 2.7 4.1
 164 9.9 8.2 12.2

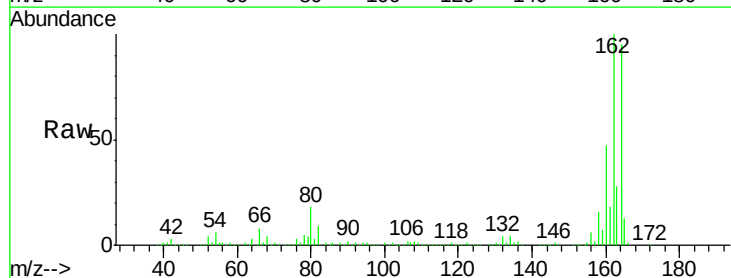


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

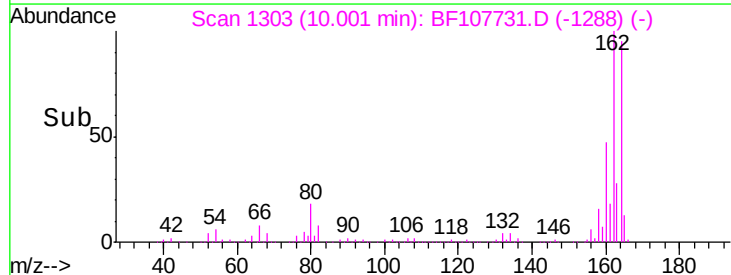
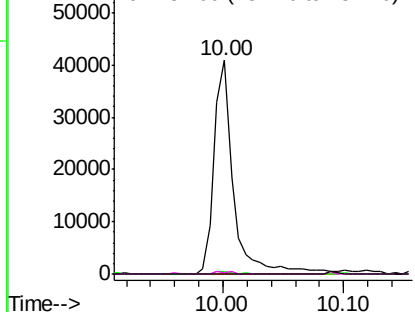


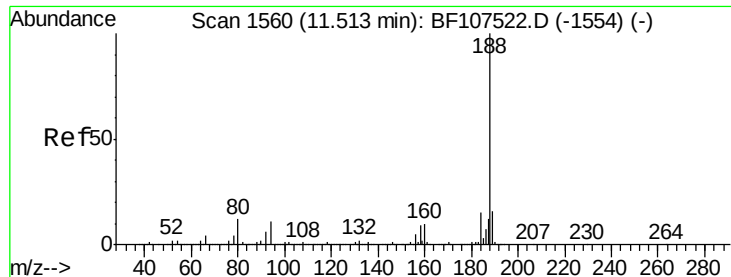
#56
 2,4-Dinitrotoluene
 Concen: 7.384 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.21 min
 Lab File: BF107731.D
 Acq: 27 Jul 2018 6:51

Tgt Ion:165 Resp: 45349
 Ion Ratio Lower Upper
 165 100
 63 1.1 36.4 54.6#
 89 0.9 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: BF107731.D

Acq: 27 Jul 2018 6:51

Instrument :

BNA_F

ClientSampleId :

MW-1

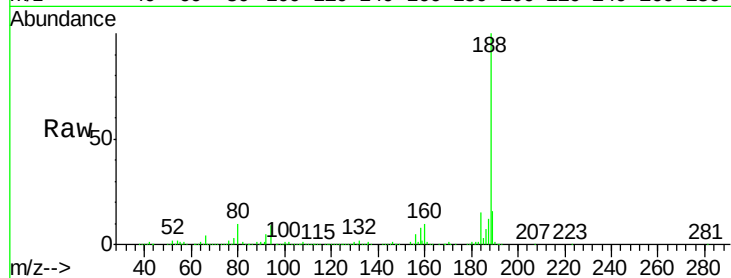
Tgt Ion:188 Resp: 605610

Ion Ratio Lower Upper

188 100

94 8.9 8.5 12.7

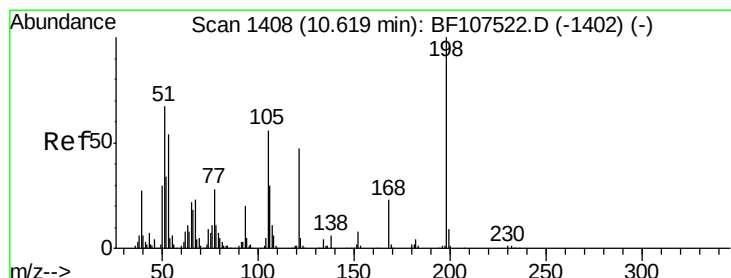
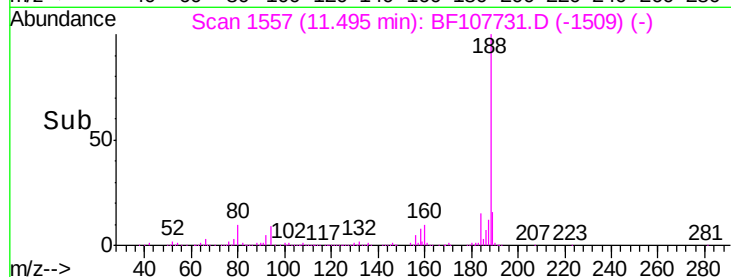
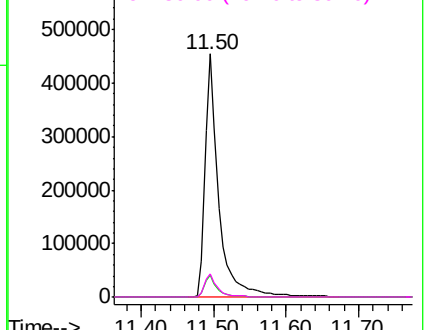
80 9.7 9.2 13.8



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: 8.869 ng

RT: 10.80 min Scan# 1438

Delta R.T. 0.18 min

Lab File: BF107731.D

Acq: 27 Jul 2018 6:51

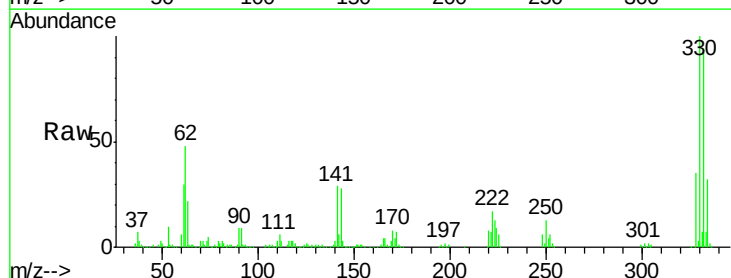
Tgt Ion:198 Resp: 673

Ion Ratio Lower Upper

198 100

51 210.9 37.7 77.7#

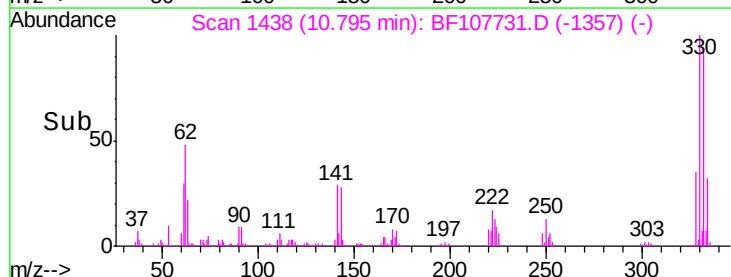
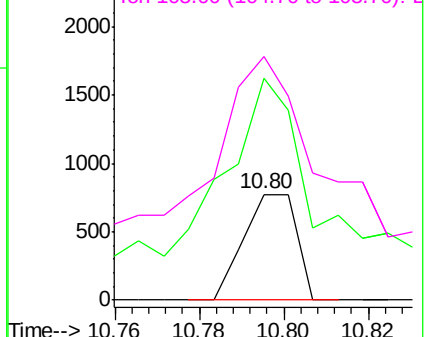
105 231.0 36.3 76.3#

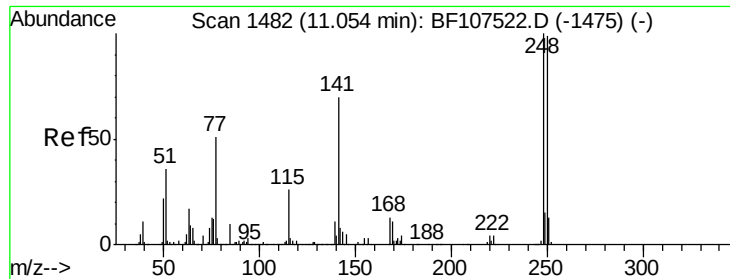


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

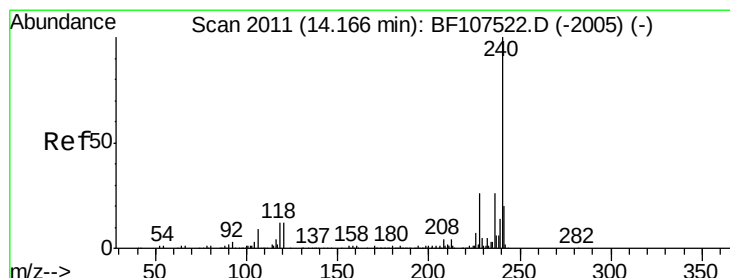
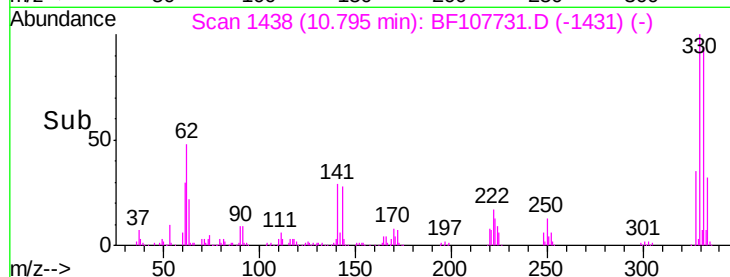
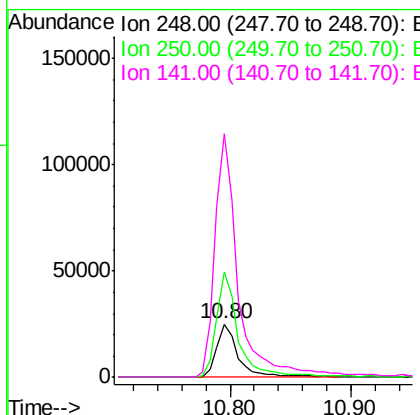
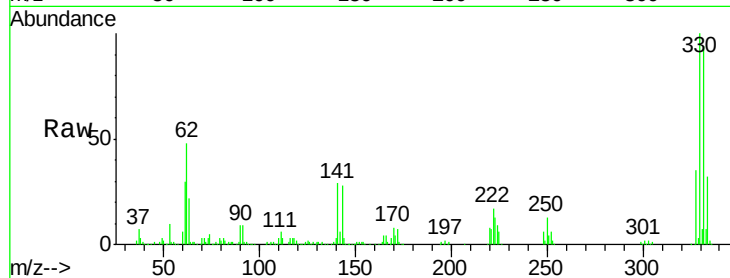




#66
 4-Bromophenyl-phenylether
 Concen: 4.440 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.26 min
 Lab File: BF107731.D
 Acq: 27 Jul 2018 6:51

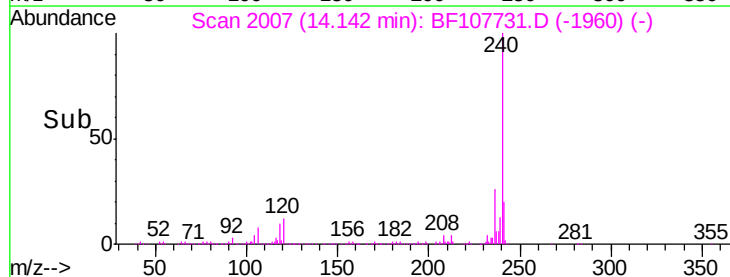
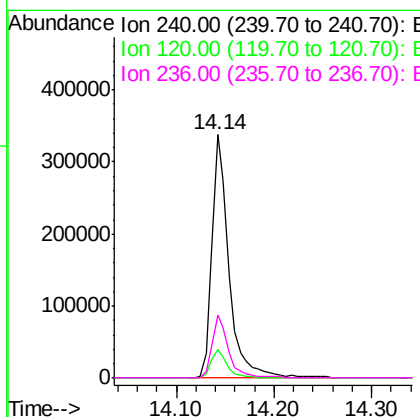
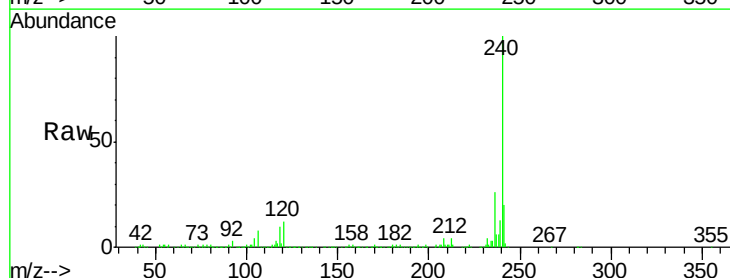
Instrument :
 BNA_F
 ClientSampleId :
 MW-1

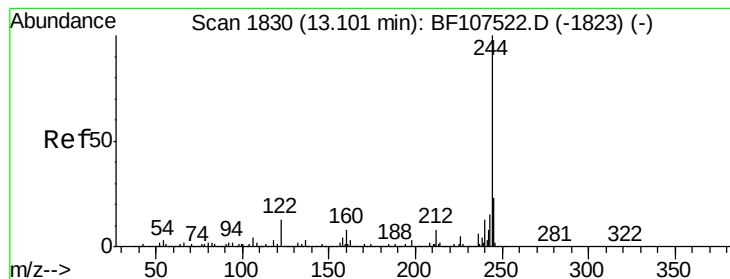
Tgt Ion:248 Resp: 31653
 Ion Ratio Lower Upper
 248 100
 250 200.3 76.9 115.3#
 141 460.3 74.4 111.6#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.02 min
 Lab File: BF107731.D
 Acq: 27 Jul 2018 6:51

Tgt Ion:240 Resp: 411195
 Ion Ratio Lower Upper
 240 100
 120 11.7 9.5 14.3
 236 25.9 20.7 31.1





#78

Terphenyl-d14

Concen: 96.393 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BF107731.D

Acq: 27 Jul 2018 6:51

Instrument :

BNA_F

ClientSampleId :

MW-1

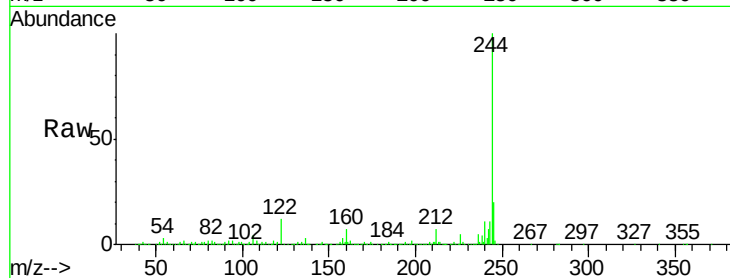
Tgt Ion:244 Resp: 1548232

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

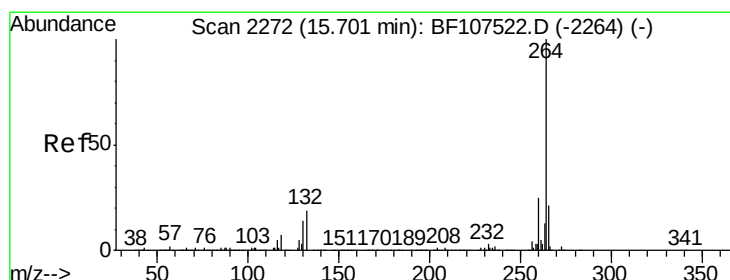
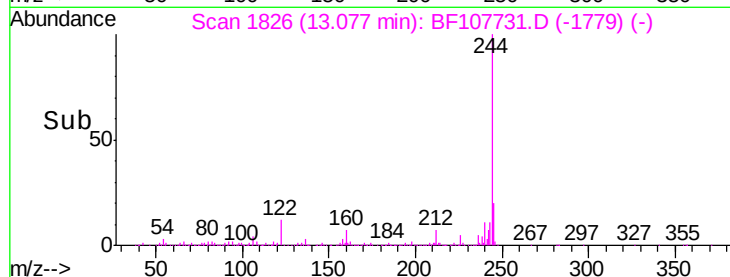
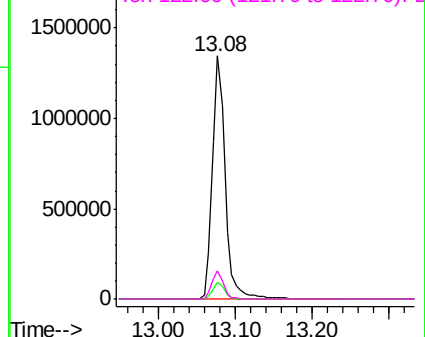
122 11.5 11.0 16.4



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: 15.67 min Scan# 2267

Delta R.T. -0.03 min

Lab File: BF107731.D

Acq: 27 Jul 2018 6:51

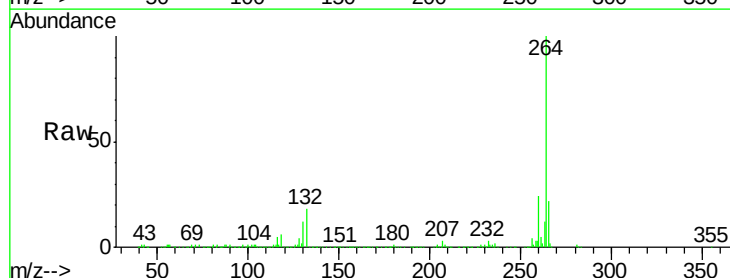
Tgt Ion:264 Resp: 434009

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 22.4 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

