

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072718\
 Data File : BF107784.D
 Acq On : 28 Jul 2018 9:10
 Operator : JU/SJ
 Sample : J4199-05
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-34

Quant Time: Jul 30 01:35:43 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

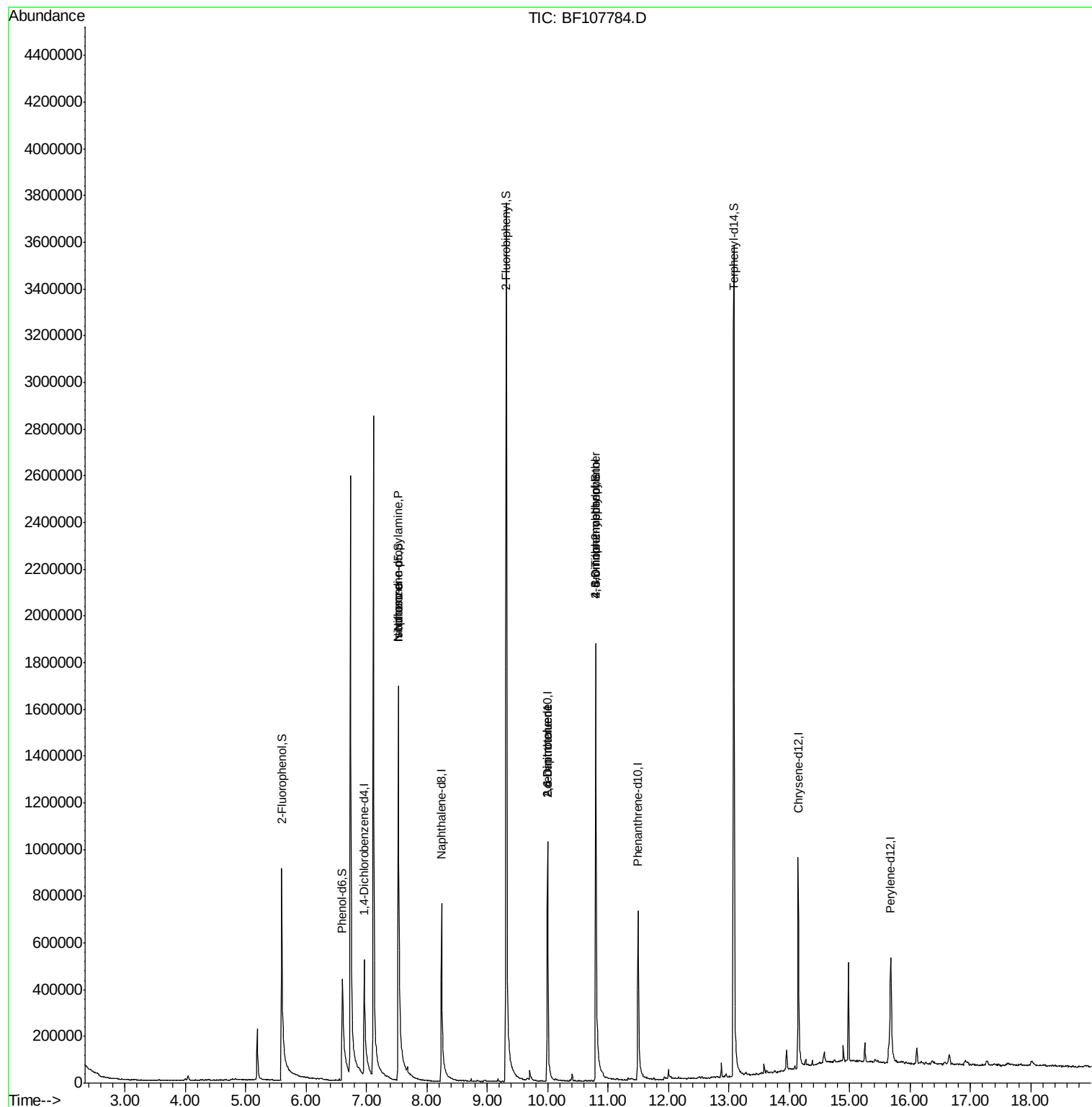
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	158647	20.00	ng	-0.01
21) Naphthalene-d8	8.24	136	623397	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	241103	20.00	ng	-0.02
63) Phenanthrene-d10	11.50	188	414769	20.00	ng	-0.02
75) Chrysene-d12	14.15	240	434626	20.00	ng	-0.02
86) Perylene-d12	15.68	264	319114	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	474647	48.10	ng	-0.01
7) Phenol-d6	6.60	99	427987	36.12	ng	-0.01
23) Nitrobenzene-d5	7.53	82	964602	104.43	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	356581	130.06	ng	-0.02
44) 2-Fluorobiphenyl	9.31	172	1785523	163.59	ng	-0.02
78) Terphenyl-d14	13.08	244	1571668	92.58	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	120040	15.683	ng	# 80
25) Isophorone	7.53	82	964602	48.907	ng	# 64
50) 2,6-Dinitrotoluene	10.00	165	29777	8.254	ng	# 25
56) 2,4-Dinitrotoluene	10.00	165	30856	7.085	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.80	198	467	8.872	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	20801	4.260	ng	# 1
73) Di-n-butylphthalate	12.04	149	2859	Below Cal		# 78
81) 3,3'-Dichlorobenzidine	14.05	252	113	Below Cal		# 27

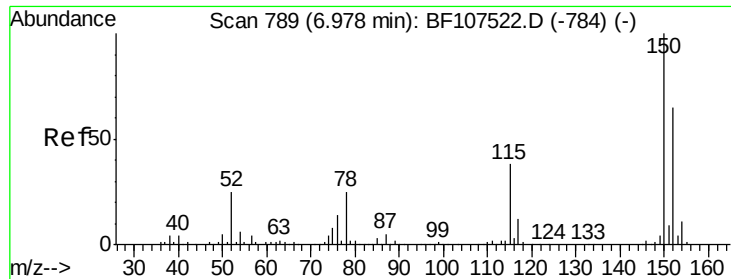
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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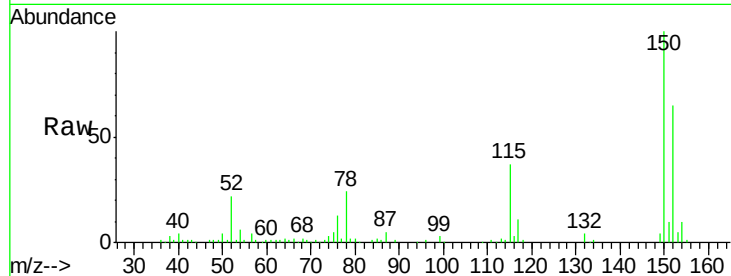


#1

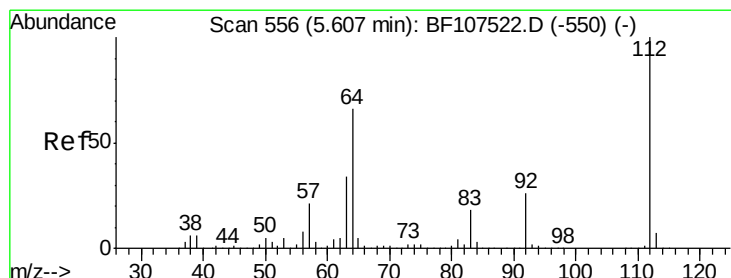
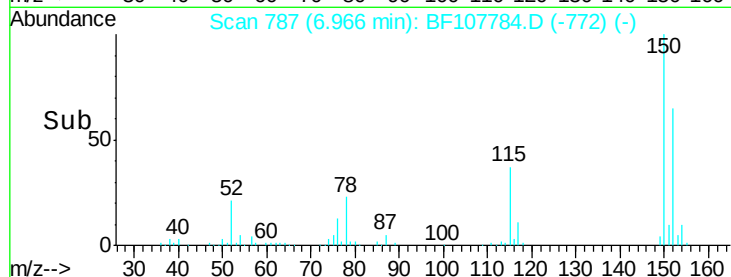
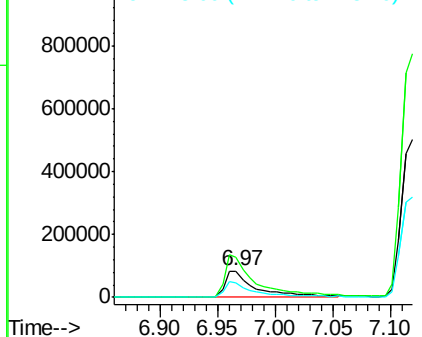
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107784.D
Acq: 28 Jul 2018 9:10

Instrument :
BNA_F
ClientSampleId :
MW-34

Tgt Ion:152 Resp: 158647
Ion Ratio Lower Upper
152 100
150 153.8 124.6 186.8
115 57.1 50.1 75.1



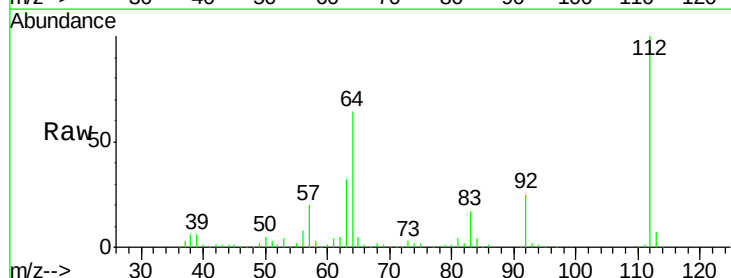
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



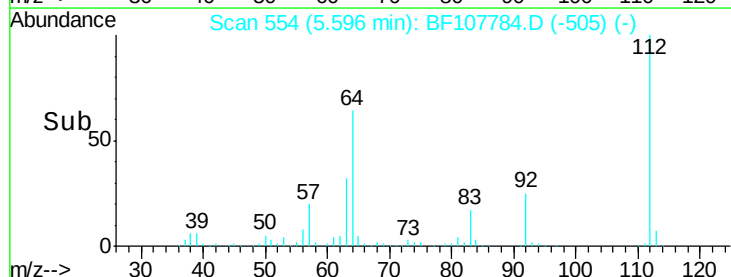
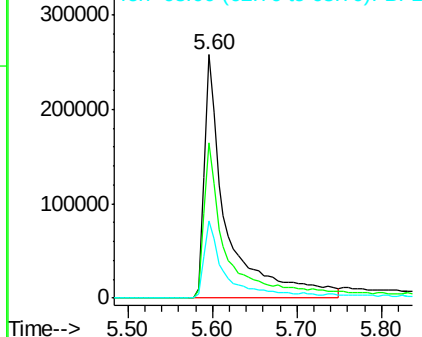
#5

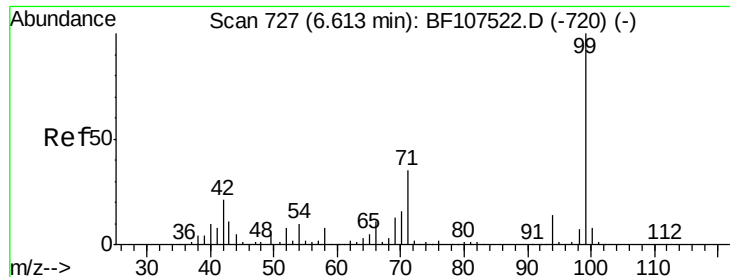
2-Fluorophenol
Concen: 48.103 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107784.D
Acq: 28 Jul 2018 9:10

Tgt Ion:112 Resp: 474647
Ion Ratio Lower Upper
112 100
64 63.6 47.9 71.9
63 31.8 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: 36.123 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107784.D

Acq: 28 Jul 2018 9:10

Instrument :

BNA_F

ClientSampleId :

MW-34

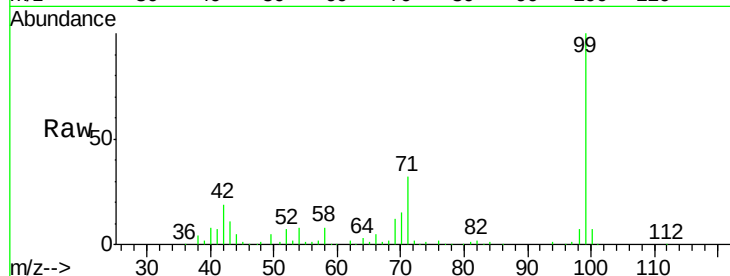
Tgt Ion: 99 Resp: 427987

Ion Ratio Lower Upper

99 100

42 19.2 14.5 21.7

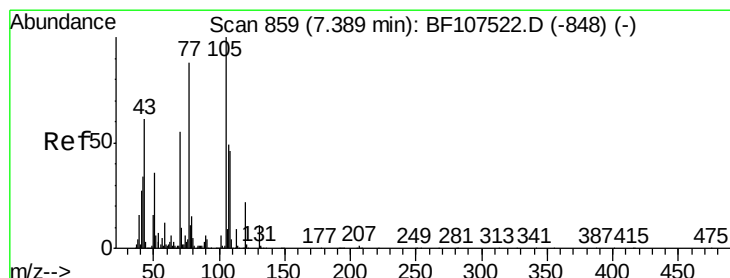
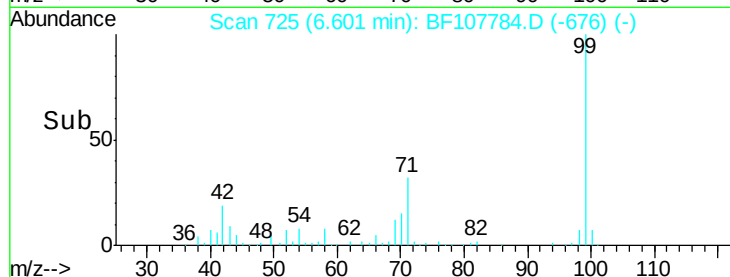
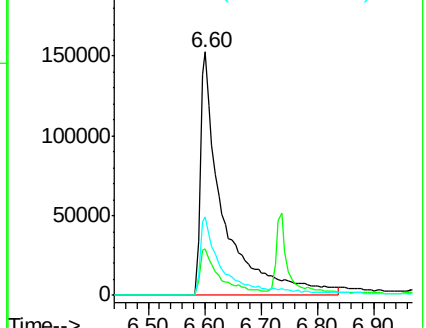
71 32.3 25.4 38.0



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: 15.683 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.14 min

Lab File: BF107784.D

Acq: 28 Jul 2018 9:10

Tgt Ion: 70 Resp: 120040

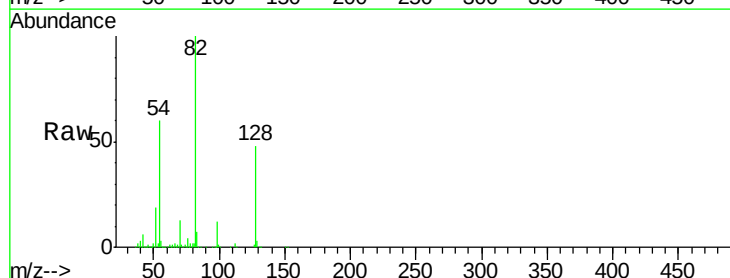
Ion Ratio Lower Upper

70 100

42 50.1 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

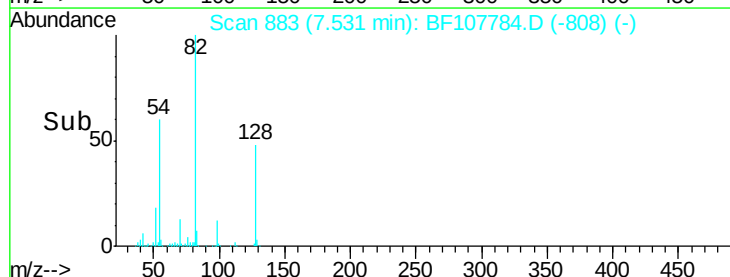
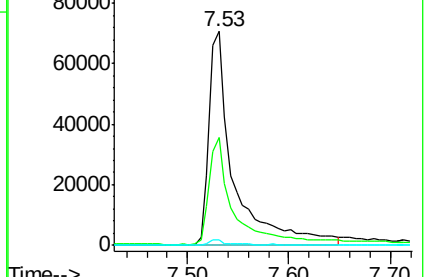


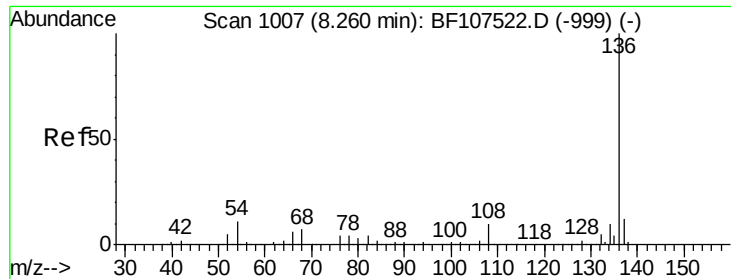
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

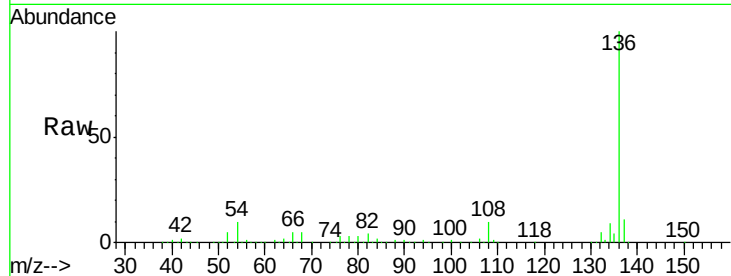




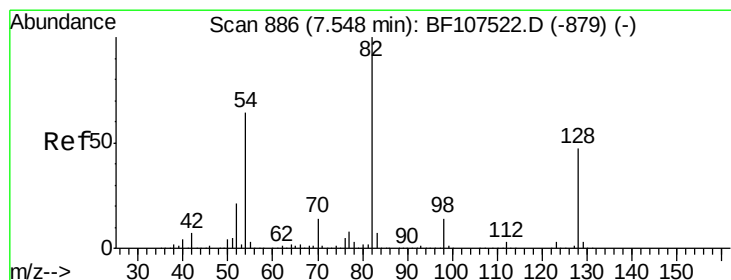
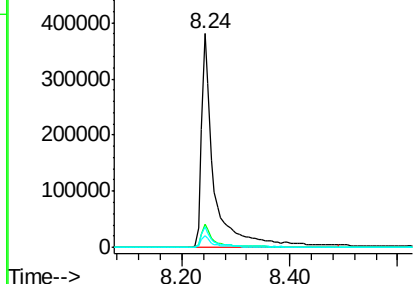
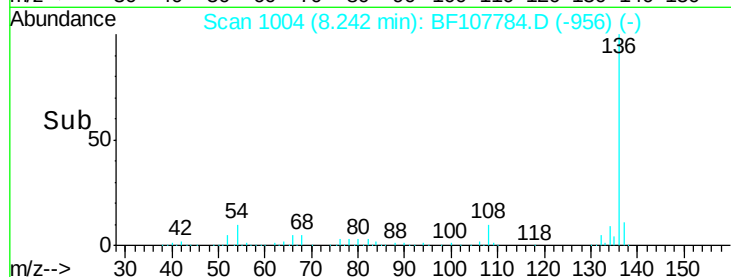
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF107784.D
Acq: 28 Jul 2018 9:10

Instrument :
BNA_F
ClientSampleId :
MW-34

Tgt Ion:	136	Resp:	623397
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.9	6.6	9.8#
68	5.2	5.0	7.4

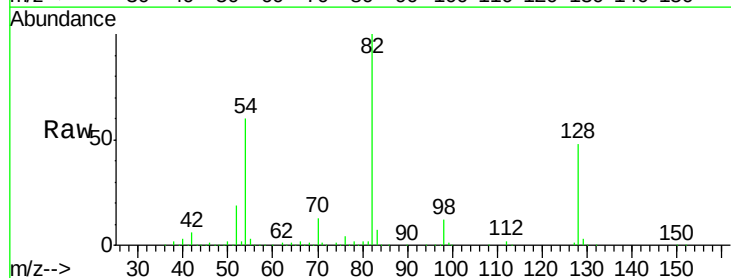


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

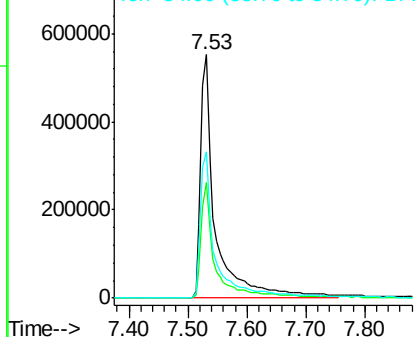
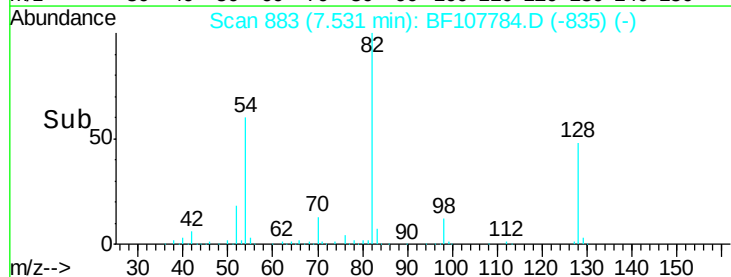


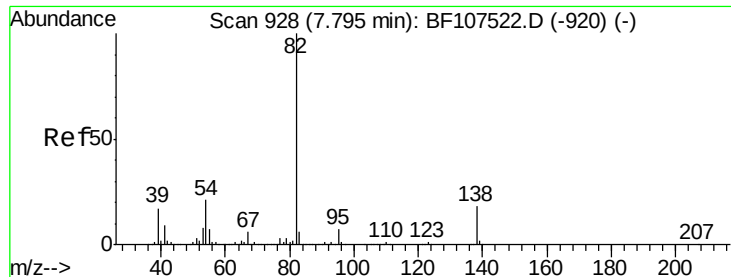
#23
Nitrobenzene-d5
Concen: 104.426 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF107784.D
Acq: 28 Jul 2018 9:10

Tgt Ion:	82	Resp:	964602
Ion	Ratio	Lower	Upper
82	100		
128	47.6	36.1	54.1
54	60.3	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: 48.907 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.26 min

Lab File: BF107784.D

Acq: 28 Jul 2018 9:10

Instrument :

BNA_F

ClientSampleId :

MW-34

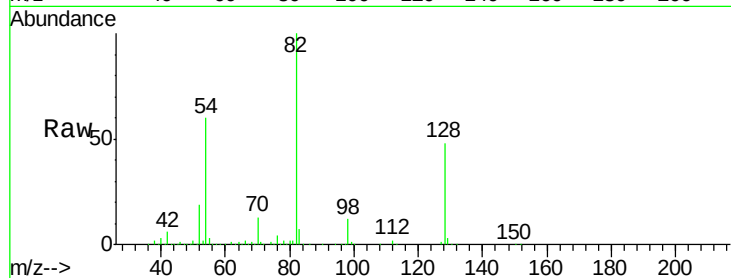
Tgt Ion: 82 Resp: 964602

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

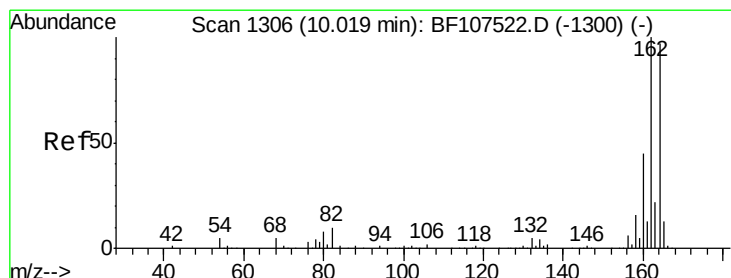
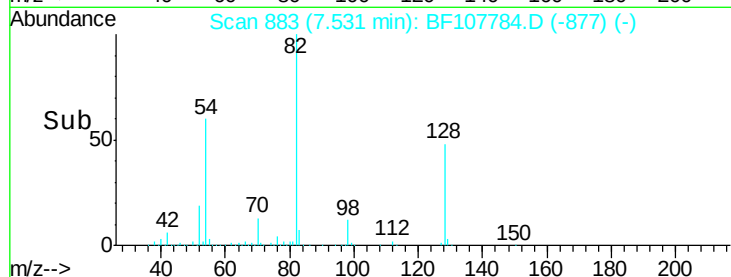
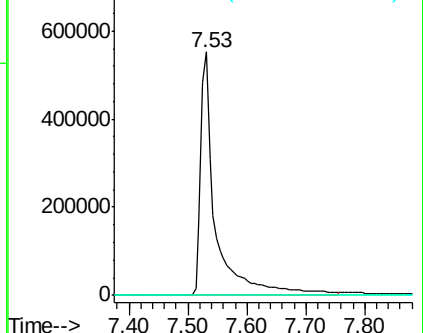
138 0.0 14.9 22.3#



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: BF107784.D

Acq: 28 Jul 2018 9:10

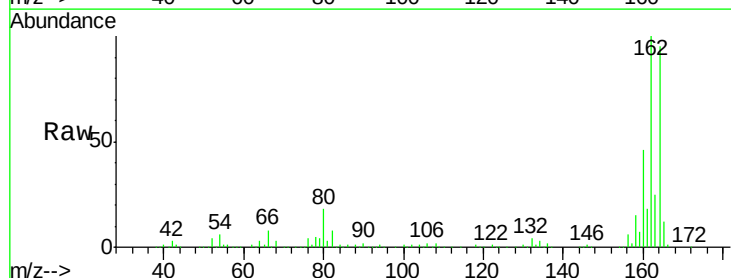
Tgt Ion: 164 Resp: 241103

Ion Ratio Lower Upper

164 100

162 105.8 86.1 129.1

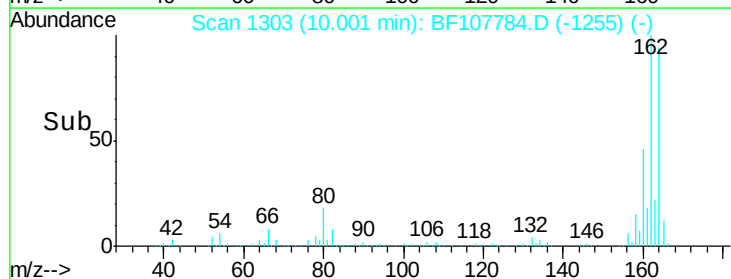
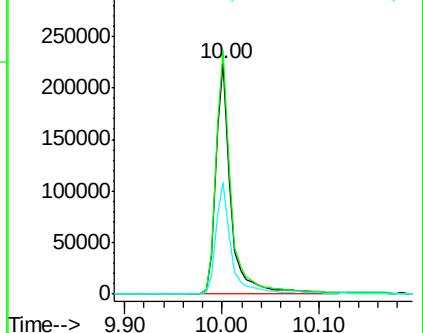
160 48.5 38.3 57.5

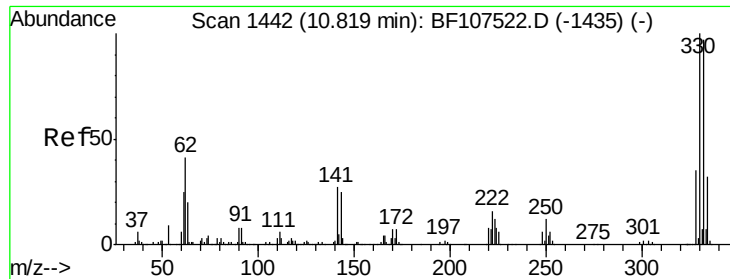


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

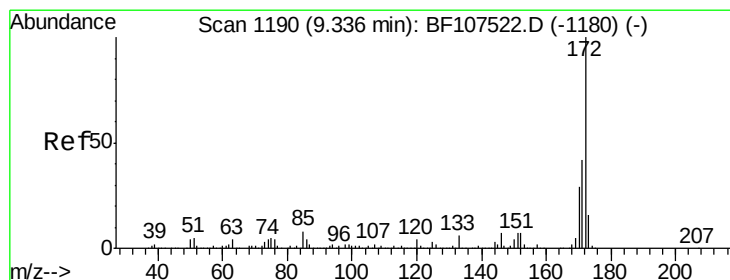
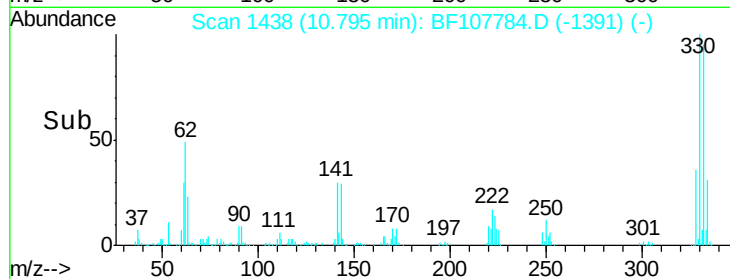
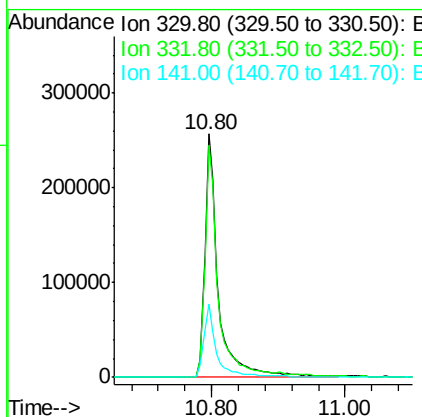
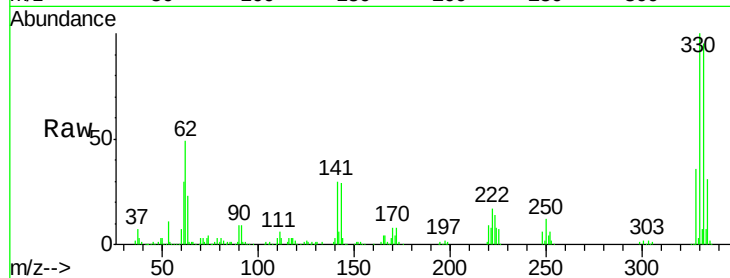




#41
 2,4,6-Tribromophenol
 Concen: 130.058 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.02 min
 Lab File: BF107784.D
 Acq: 28 Jul 2018 9:10

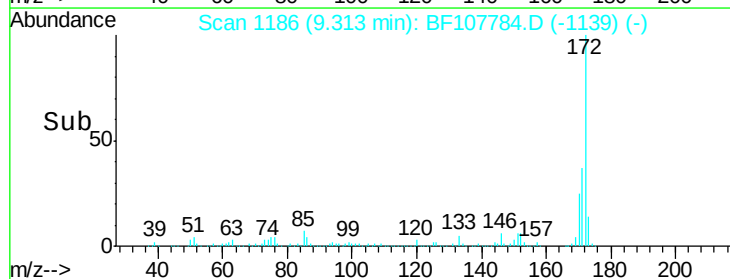
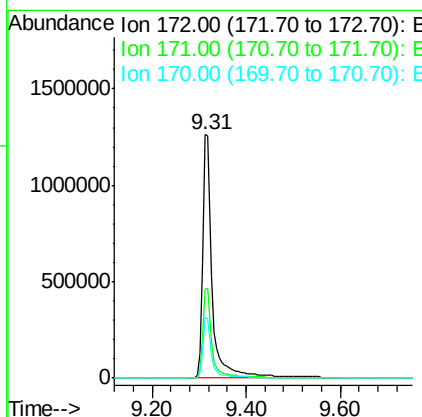
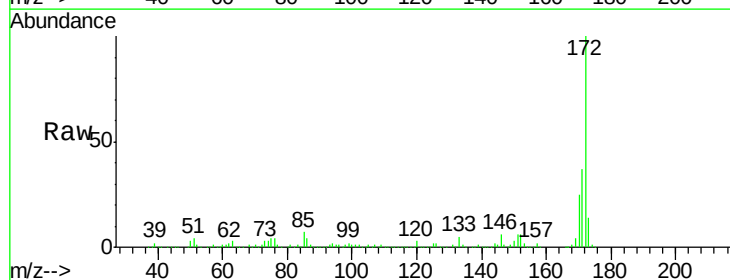
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 MW-34

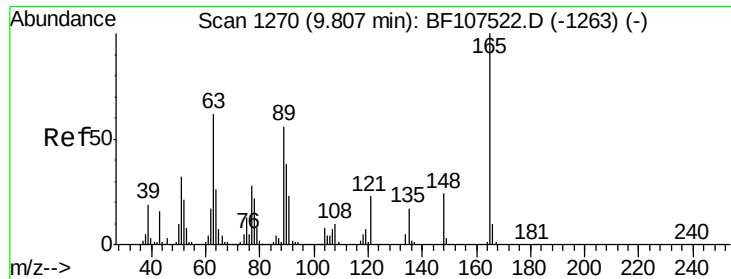
Tgt Ion:330 Resp: 356581
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.0 115.6
 141 28.2 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 163.593 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.02 min
 Lab File: BF107784.D
 Acq: 28 Jul 2018 9:10

Tgt Ion:172 Resp: 1785523
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 24.8 19.6 29.4

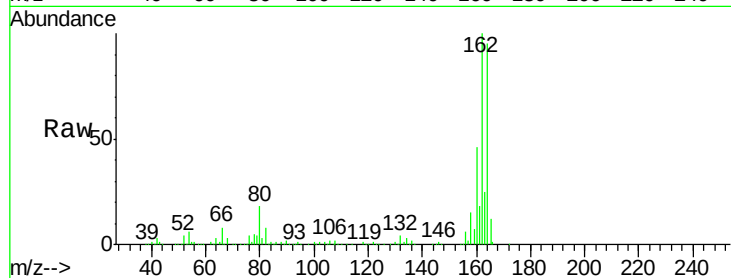




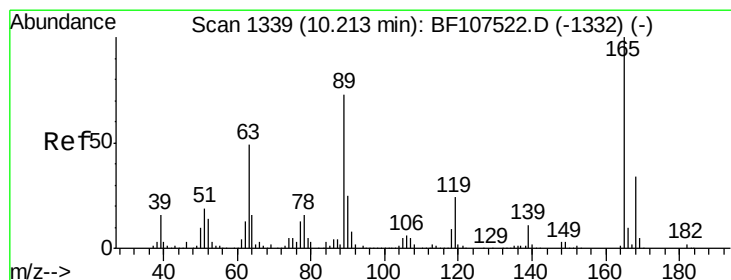
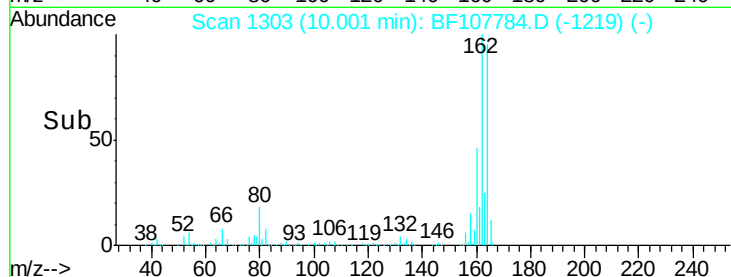
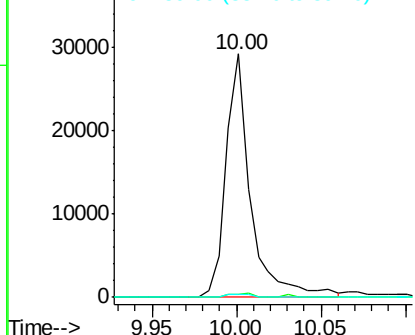
#50
 2,6-Dinitrotoluene
 Concen: 8.254 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. 0.19 min
 Lab File: BF107784.D
 Acq: 28 Jul 2018 9:10

Instrument :
 BNA_F
 ClientSampleId :
 MW-34

Tgt Ion:165 Resp: 29777
 Ion Ratio Lower Upper
 165 100
 63 1.3 44.7 67.1#
 89 1.4 44.0 66.0#

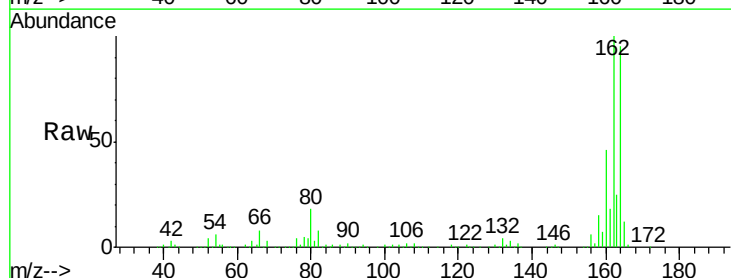


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

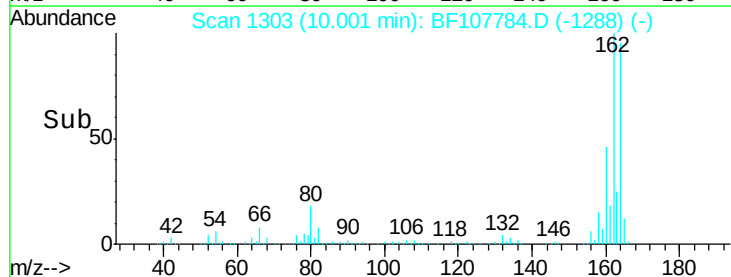
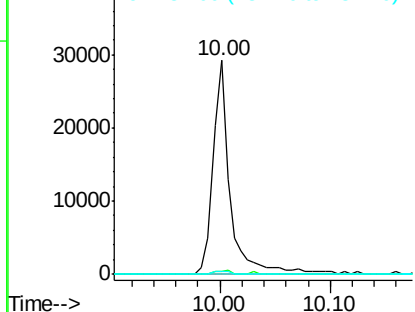


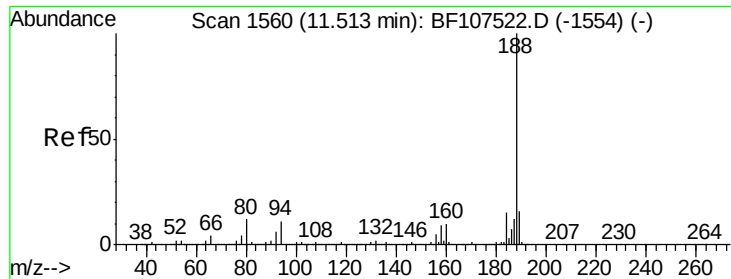
#56
 2,4-Dinitrotoluene
 Concen: 7.085 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.21 min
 Lab File: BF107784.D
 Acq: 28 Jul 2018 9:10

Tgt Ion:165 Resp: 30856
 Ion Ratio Lower Upper
 165 100
 63 1.3 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: 11.50 min Scan# 1557

Delta R.T. -0.02 min

Lab File: BF107784.D

Acq: 28 Jul 2018 9:10

Instrument :

BNA_F

ClientSampleId :

MW-34

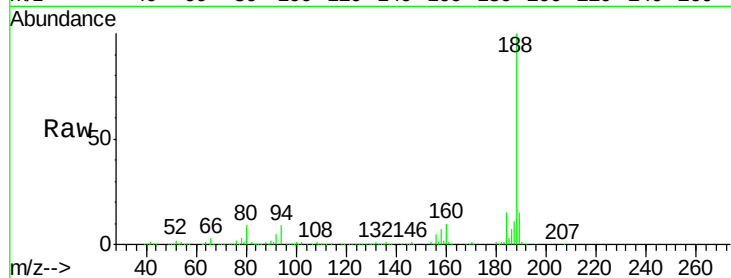
Tgt Ion:188 Resp: 414769

Ion Ratio Lower Upper

188 100

94 9.2 8.5 12.7

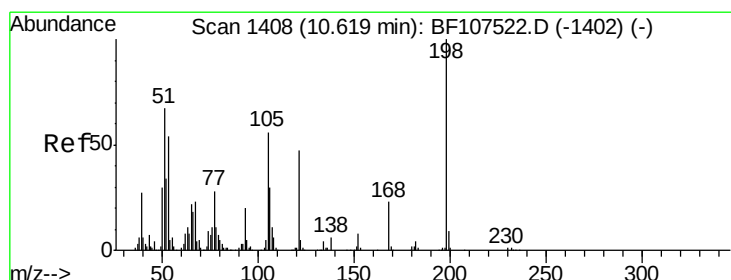
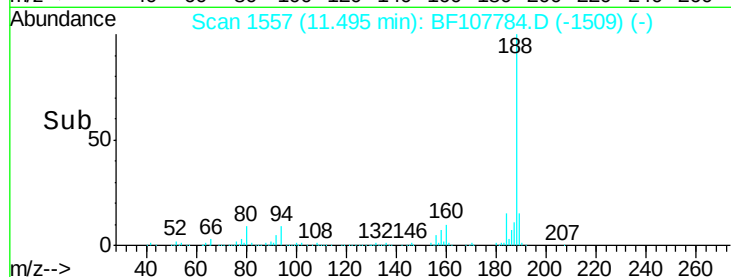
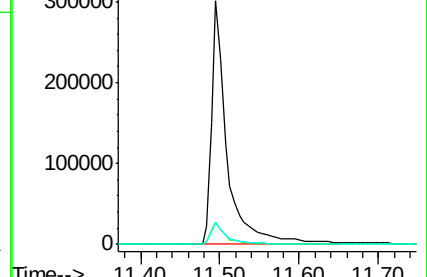
80 9.3 9.2 13.8



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: 8.872 ng

RT: 10.80 min Scan# 1438

Delta R.T. 0.18 min

Lab File: BF107784.D

Acq: 28 Jul 2018 9:10

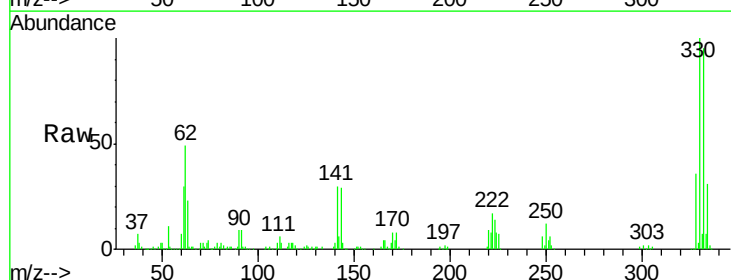
Tgt Ion:198 Resp: 467

Ion Ratio Lower Upper

198 100

51 263.2 37.7 77.7#

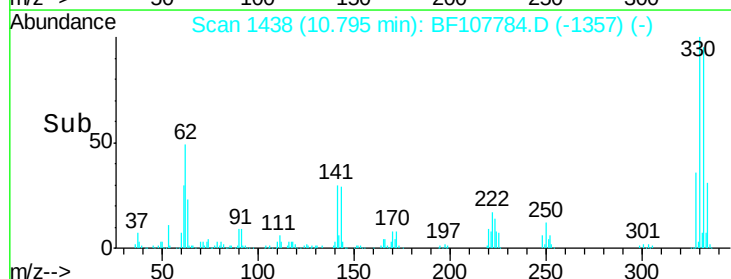
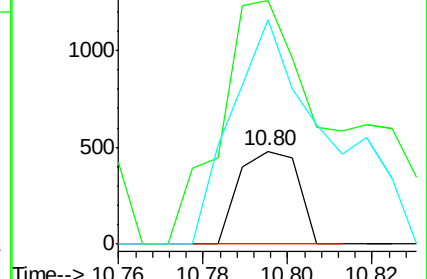
105 242.5 36.3 76.3#

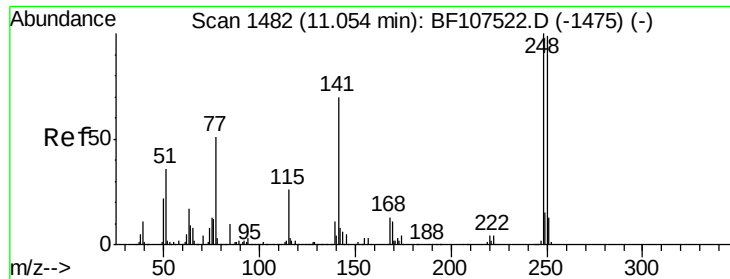


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

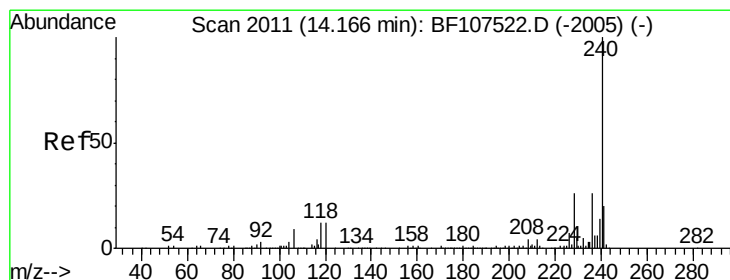
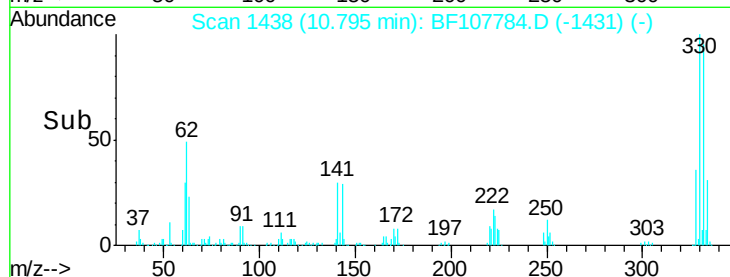
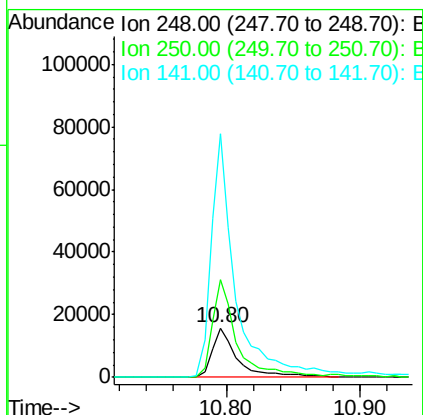
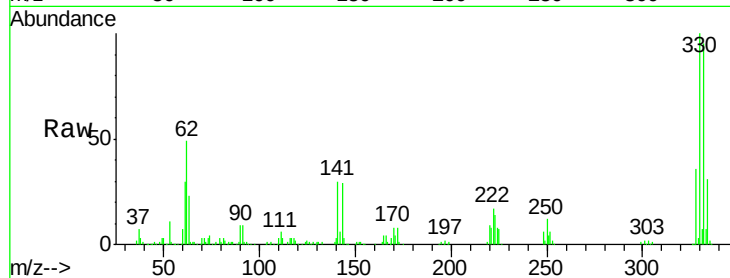




#66
4-Bromophenyl-phenylether
Concen: 4.260 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.26 min
Lab File: BF107784.D
Acq: 28 Jul 2018 9:10

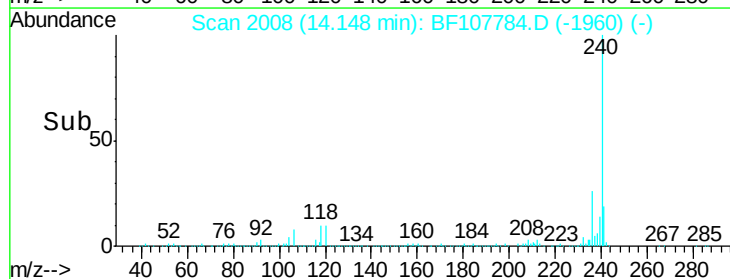
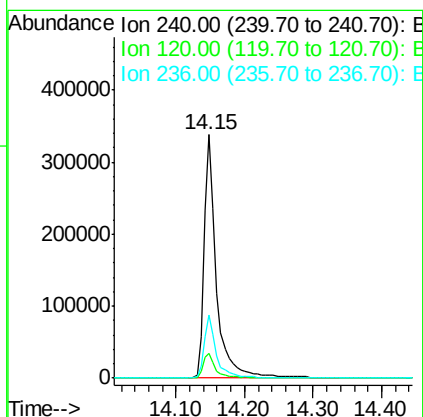
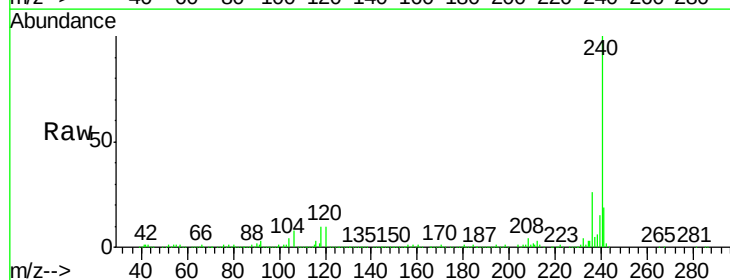
Instrument :
BNA_F
ClientSampled :
MW-34

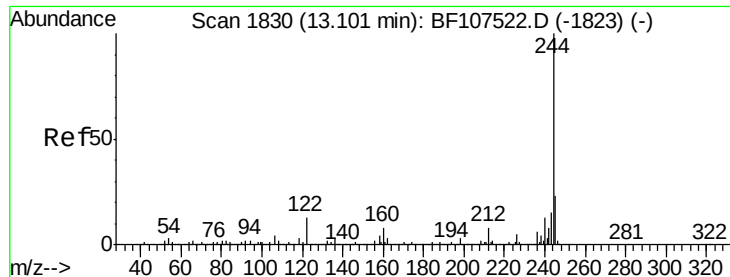
Tgt Ion:248 Resp: 20801
Ion Ratio Lower Upper
248 100
250 198.4 76.9 115.3#
141 494.4 74.4 111.6#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BF107784.D
Acq: 28 Jul 2018 9:10

Tgt Ion:240 Resp: 434626
Ion Ratio Lower Upper
240 100
120 9.9 9.5 14.3
236 25.7 20.7 31.1

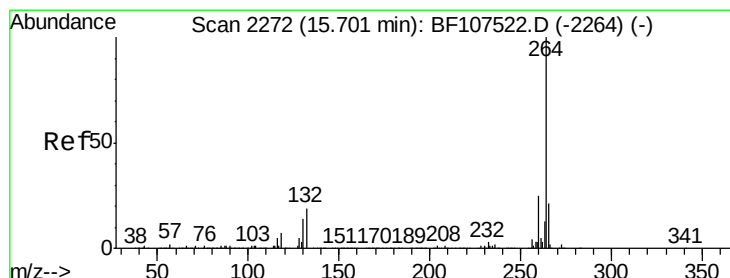
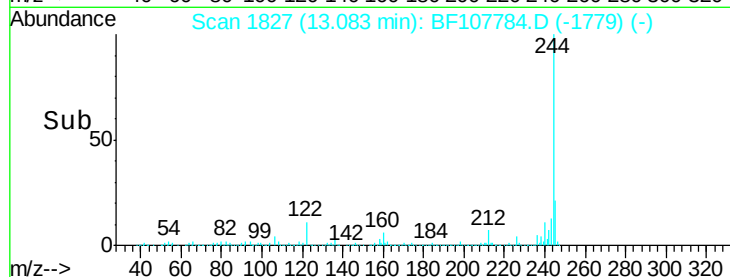
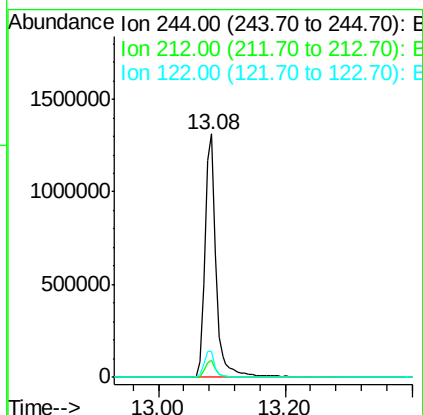
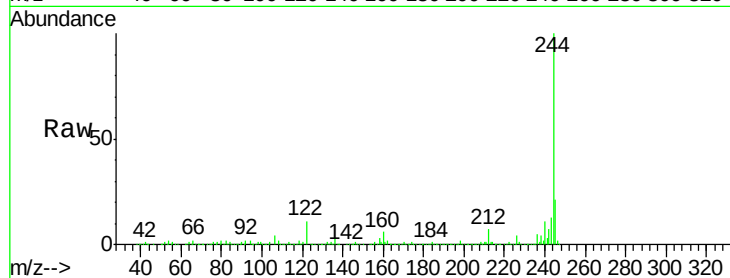




#78
 Terphenyl-d14
 Concen: 92.576 ng
 RT: 13.08 min Scan# 1827
 Delta R.T. -0.02 min
 Lab File: BF107784.D
 Acq: 28 Jul 2018 9:10

Instrument :
 BNA_F
 ClientSampleId :
 MW-34

Tgt Ion:244 Resp: 1571668
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 10.6 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: BF107784.D
 Acq: 28 Jul 2018 9:10

Tgt Ion:264 Resp: 319114
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.7 17.5 26.3

