

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072718\
 Data File : BF107787.D
 Acq On : 28 Jul 2018 10:30
 Operator : JU/SJ
 Sample : J4199-08
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-A11

Quant Time: Jul 30 01:36:19 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	142203	20.00	ng	-0.01
21) Naphthalene-d8	8.24	136	569792	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	217615	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	385899	20.00	ng	-0.02
75) Chrysene-d12	14.15	240	395973	20.00	ng	-0.02
86) Perylene-d12	15.68	264	319578	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	319655	36.14	ng	-0.01
7) Phenol-d6	6.60	99	395539	37.24	ng	-0.01
23) Nitrobenzene-d5	7.53	82	802204	95.02	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	298025	120.43	ng	-0.02
44) 2-Fluorobiphenyl	9.31	172	1445856	132.20	ng	-0.02
78) Terphenyl-d14	13.08	244	1209970	78.23	ng	-0.02

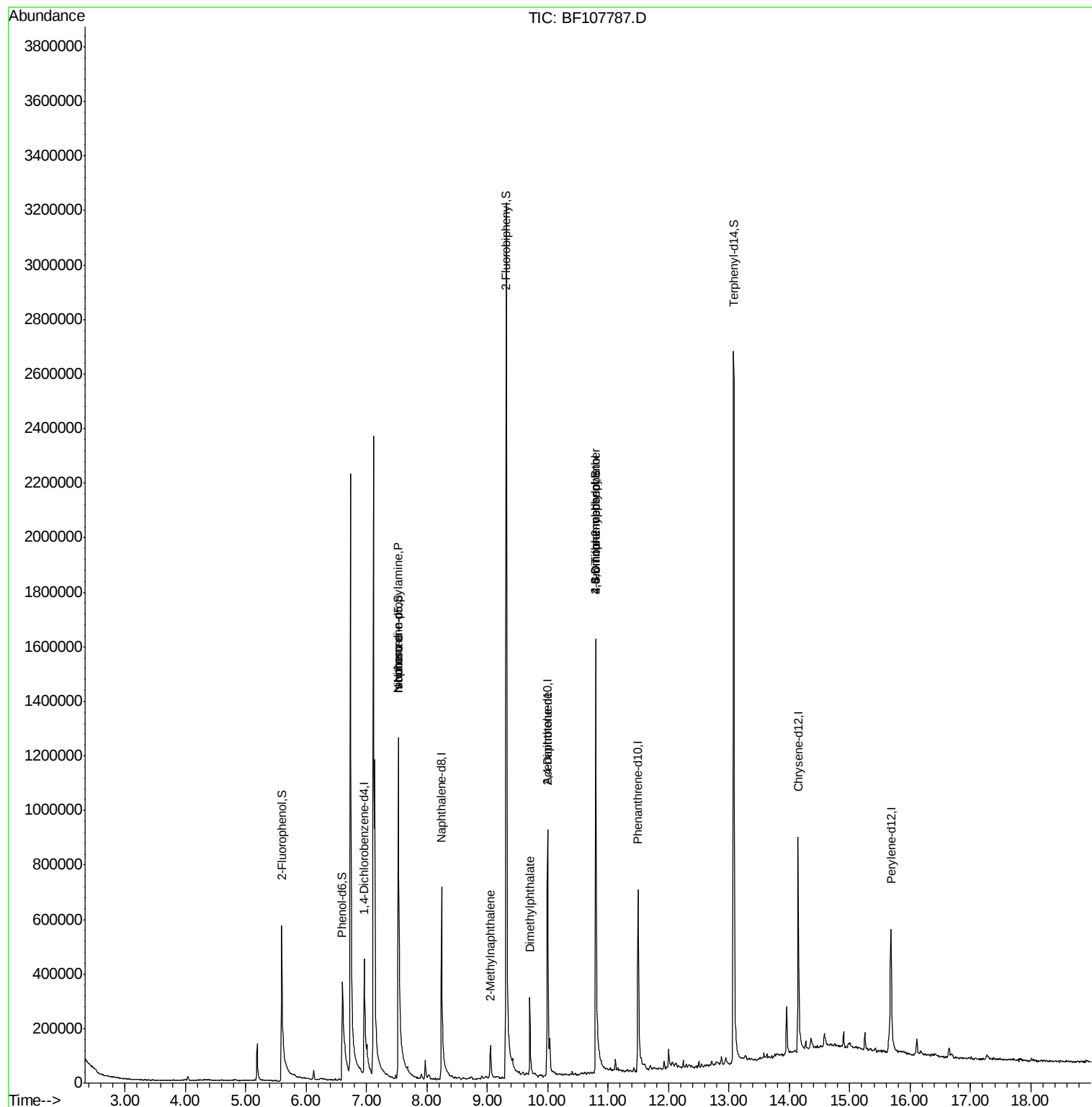
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.53	70	96985	14.136	ng	# 77
25) Isophorone	7.53	82	809201	44.888	ng	# 64
37) 2-Methylnaphthalene	9.05	142	45544	2.623	ng	100
49) Dimethylphthalate	9.71	163	147773	9.010	ng	99
56) 2,4-Dinitrotoluene	10.00	165	28169	7.167	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.79	198	421	8.866	ng	# 1
66) 4-Bromophenyl-phenylether	10.79	248	17517	3.856	ng	# 1
73) Di-n-butylphthalate	12.04	149	1538	Below Cal		# 61
81) 3,3'-Dichlorobenzidine	14.13	252	115	Below Cal		# 1

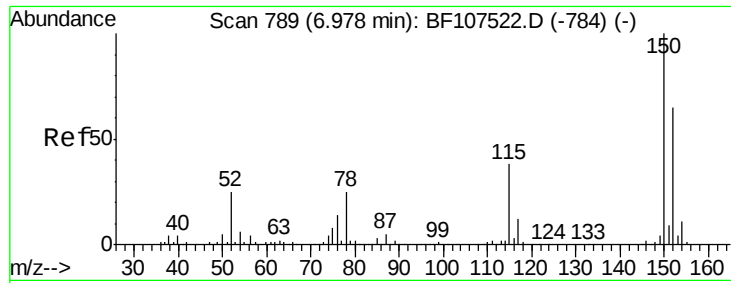
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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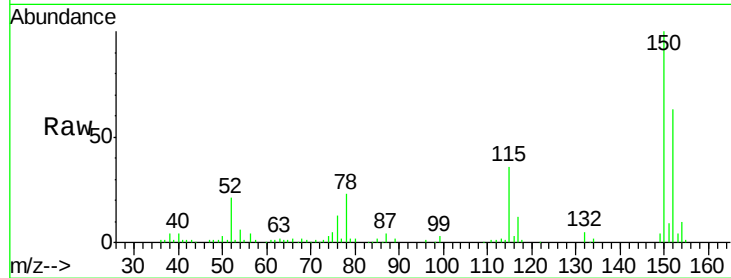


#1

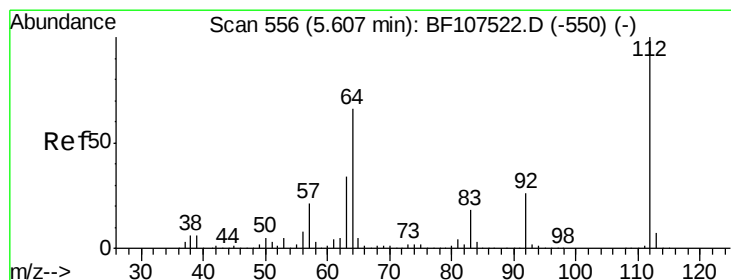
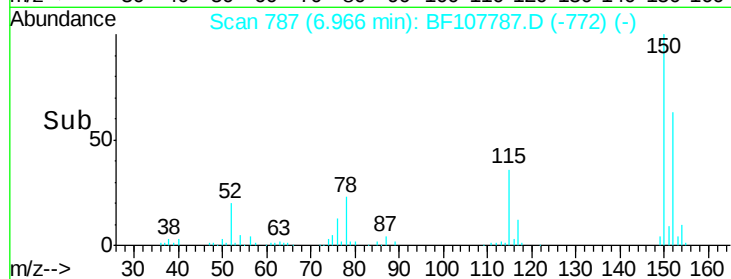
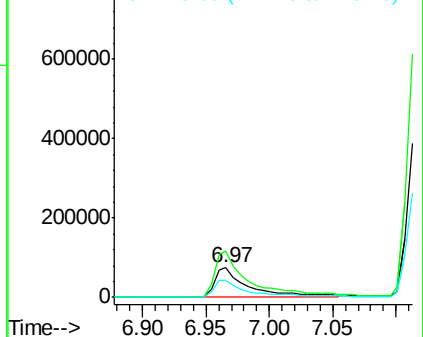
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107787.D
Acq: 28 Jul 2018 10:30

Instrument :
BNA_F
ClientSampleId :
MW-A11

Tgt Ion:152 Resp: 142203
Ion Ratio Lower Upper
152 100
150 158.3 124.6 186.8
115 57.3 50.1 75.1



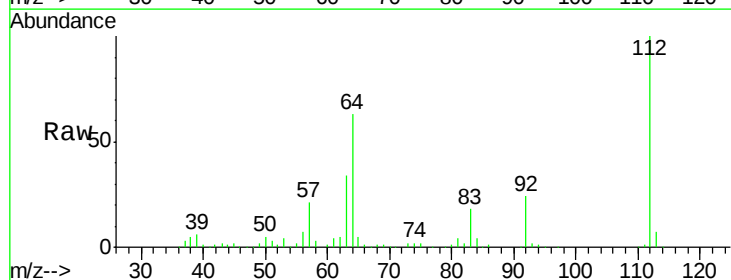
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



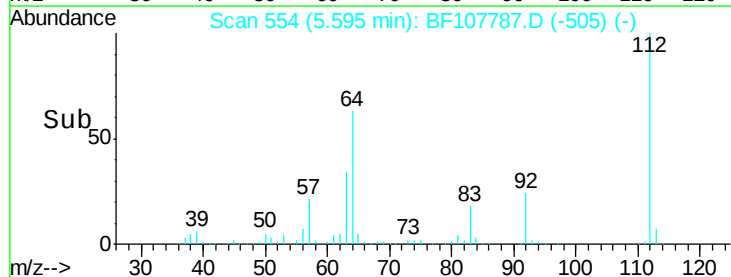
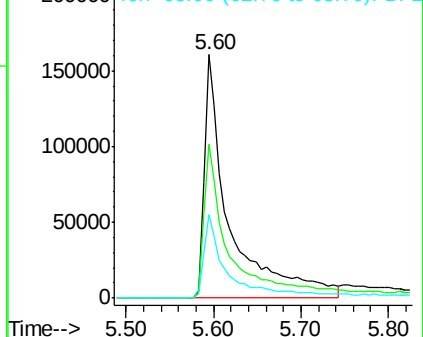
#5

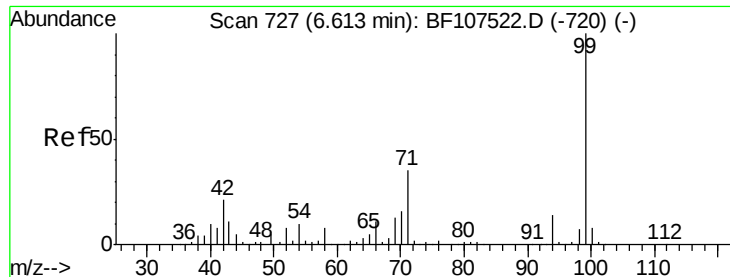
2-Fluorophenol
Concen: 36.142 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107787.D
Acq: 28 Jul 2018 10:30

Tgt Ion:112 Resp: 319655
Ion Ratio Lower Upper
112 100
64 63.4 47.9 71.9
63 34.2 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: 37.245 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107787.D

Acq: 28 Jul 2018 10:30

Instrument :

BNA_F

ClientSampleId :

MW-A11

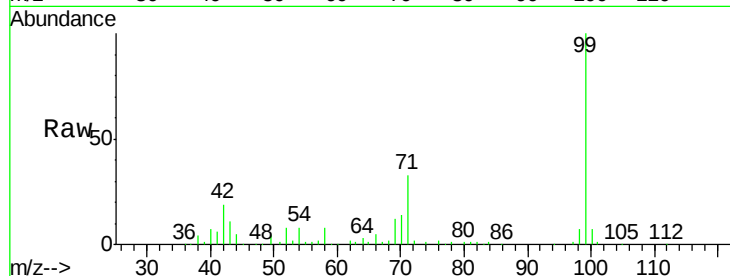
Tgt Ion: 99 Resp: 395539

Ion Ratio Lower Upper

99 100

42 19.0 14.5 21.7

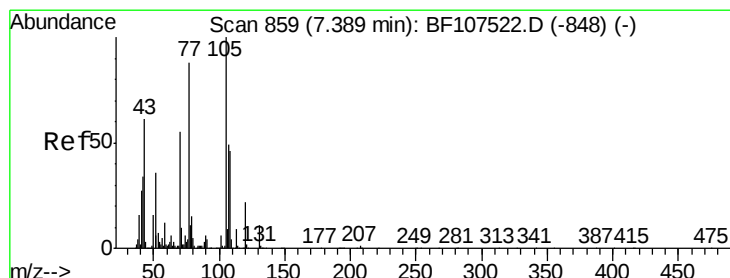
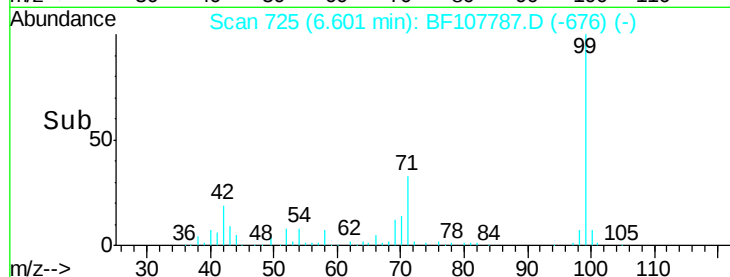
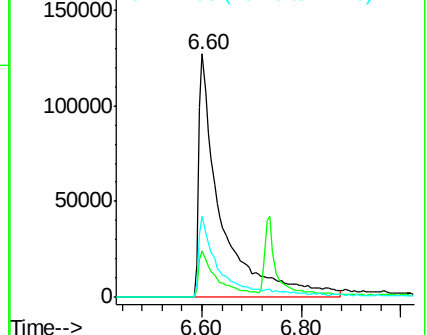
71 33.4 25.4 38.0



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: 14.136 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.14 min

Lab File: BF107787.D

Acq: 28 Jul 2018 10:30

Tgt Ion: 70 Resp: 96985

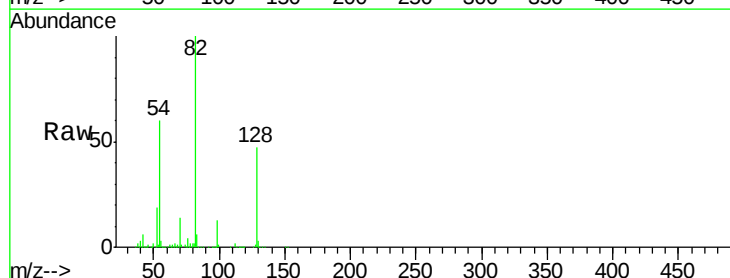
Ion Ratio Lower Upper

70 100

42 46.7 47.5 71.3#

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#

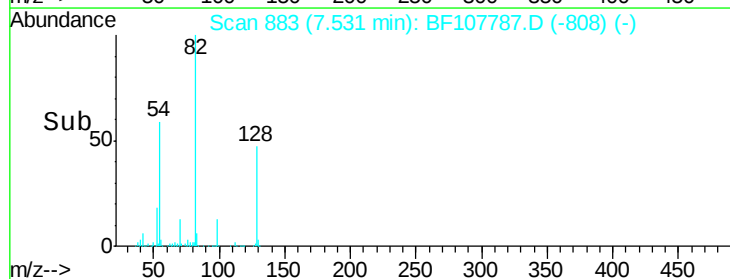
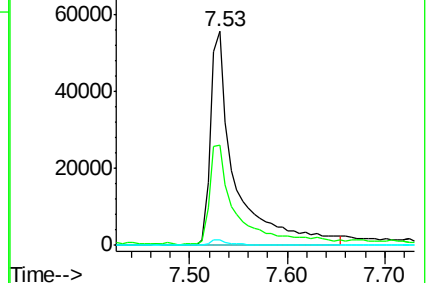


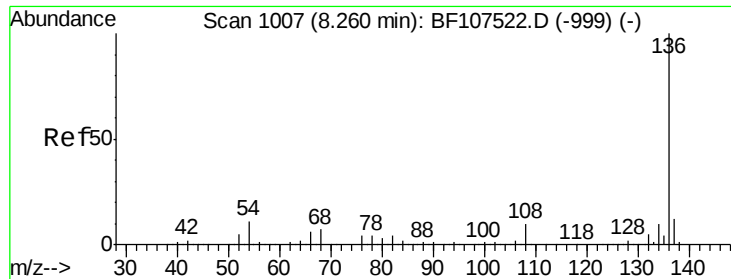
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

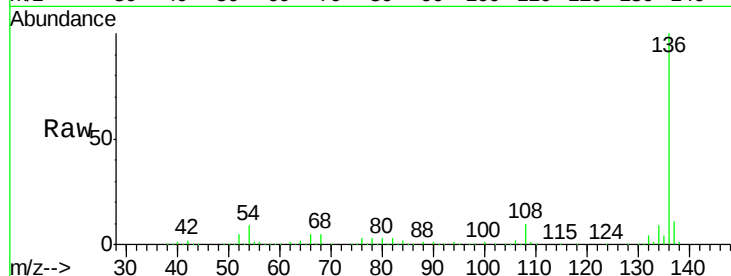




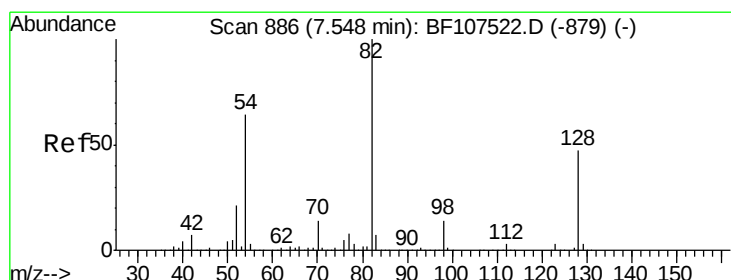
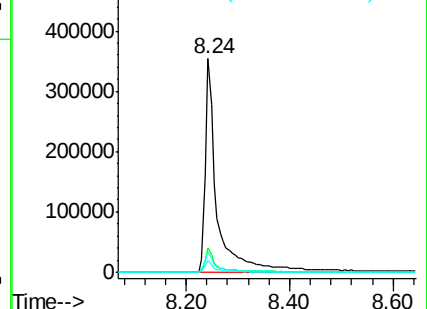
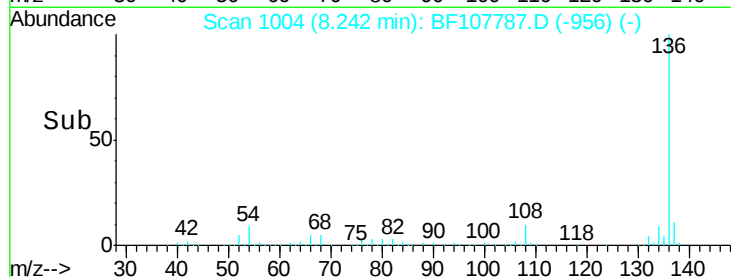
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF107787.D
Acq: 28 Jul 2018 10:30

Instrument :
BNA_F
ClientSampleId :
MW-A11

Tgt Ion:	136	Resp:	569792
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.4	6.6	9.8
68	5.2	5.0	7.4

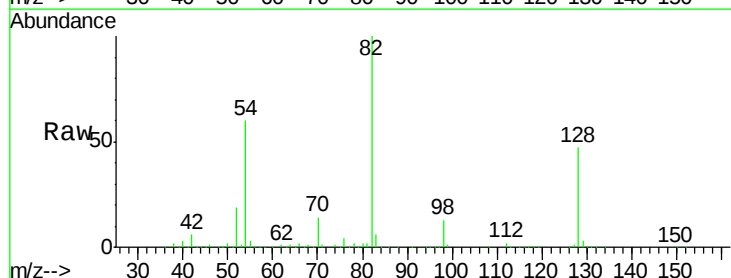


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

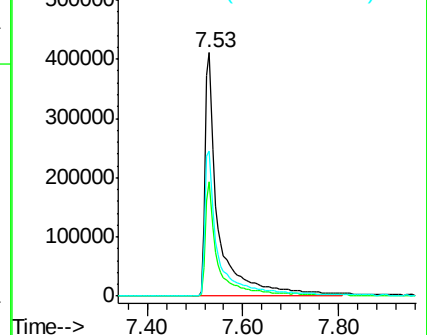
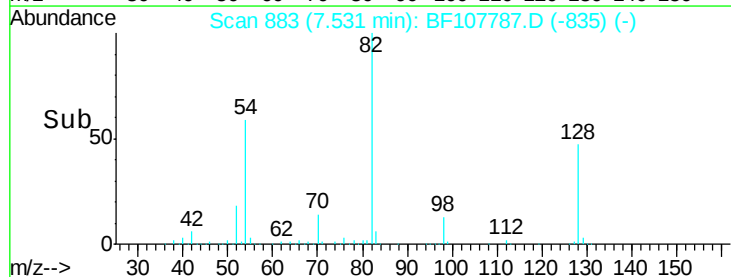


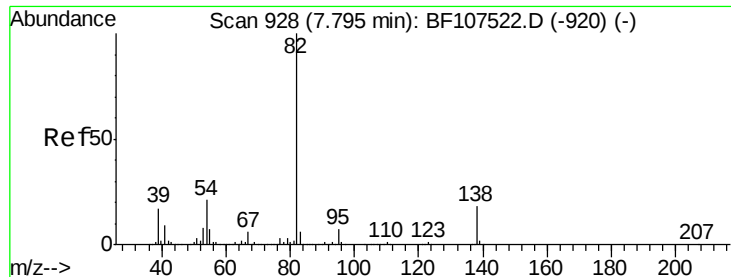
#23
Nitrobenzene-d5
Concen: 95.015 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF107787.D
Acq: 28 Jul 2018 10:30

Tgt Ion:	82	Resp:	802204
Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.1	54.1
54	59.5	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: 44.888 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.26 min

Lab File: BF107787.D

Acq: 28 Jul 2018 10:30

Instrument :

BNA_F

ClientSampleId :

MW-A11

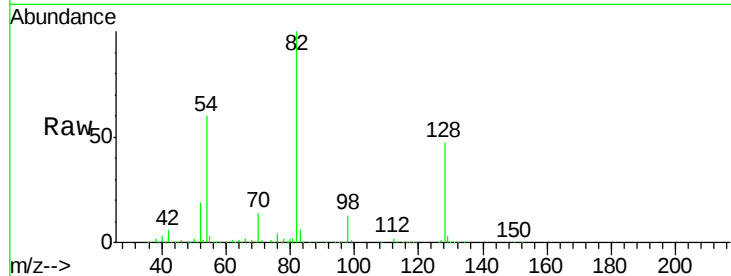
Tgt Ion: 82 Resp: 809201

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

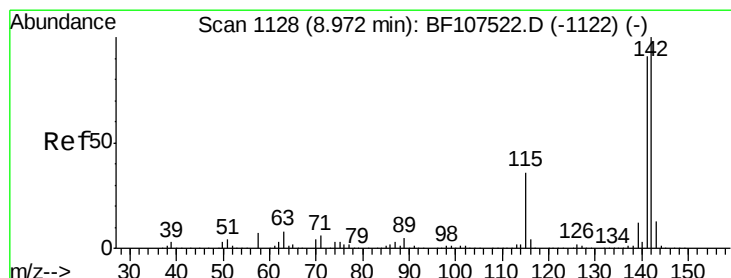
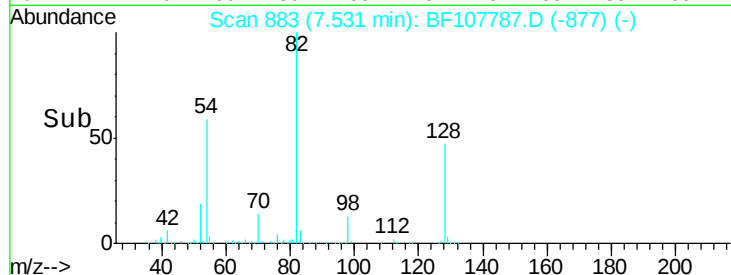
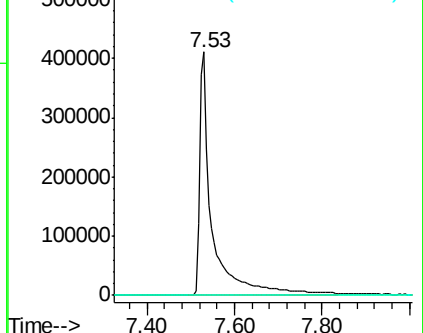
138 0.0 14.9 22.3#



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



#37

2-Methylnaphthalene

Concen: 2.623 ng

RT: 9.05 min Scan# 1142

Delta R.T. 0.08 min

Lab File: BF107787.D

Acq: 28 Jul 2018 10:30

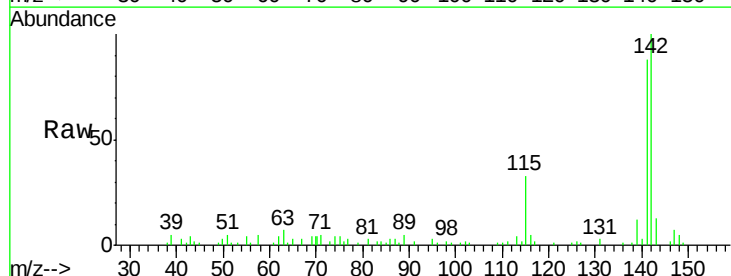
Tgt Ion: 142 Resp: 45544

Ion Ratio Lower Upper

142 100

141 88.1 70.8 106.2

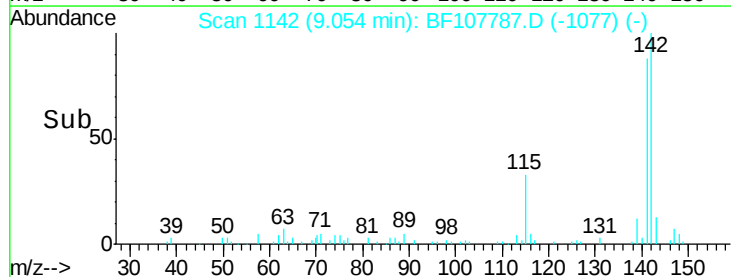
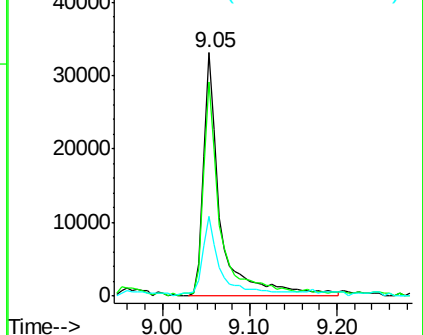
115 32.6 26.1 39.1

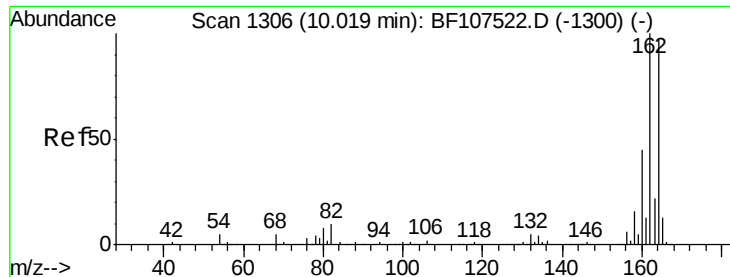


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

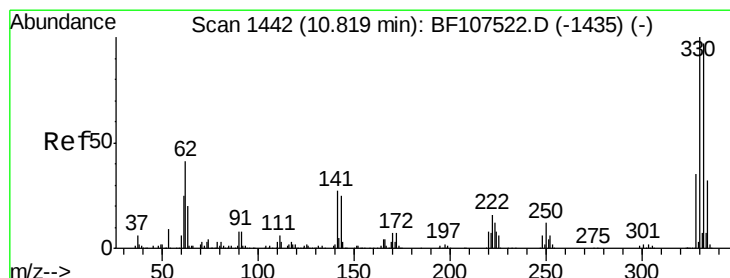
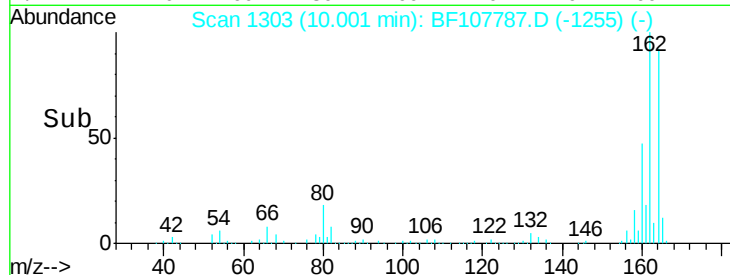
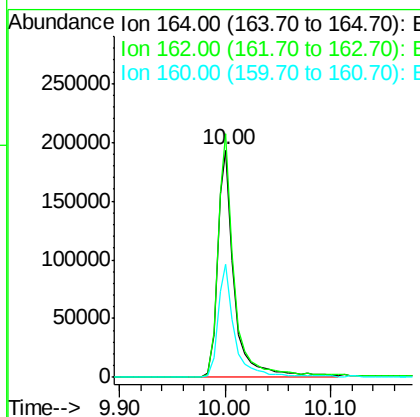
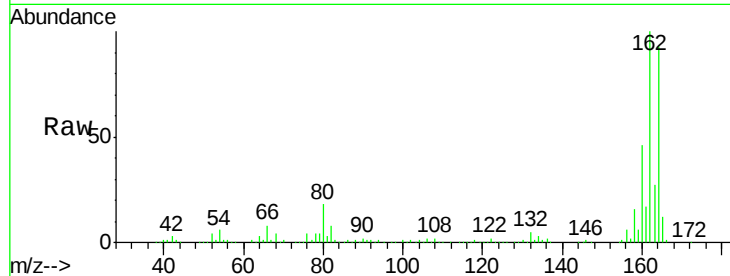




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.02 min
 Lab File: BF107787.D
 Acq: 28 Jul 2018 10:30

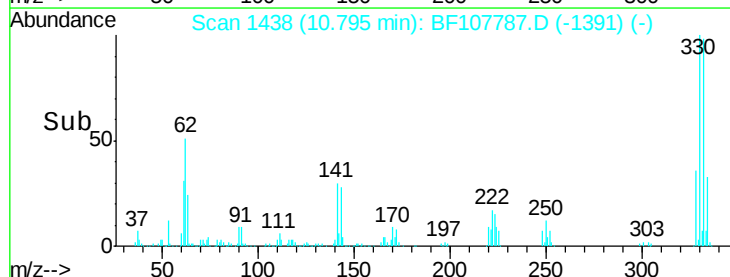
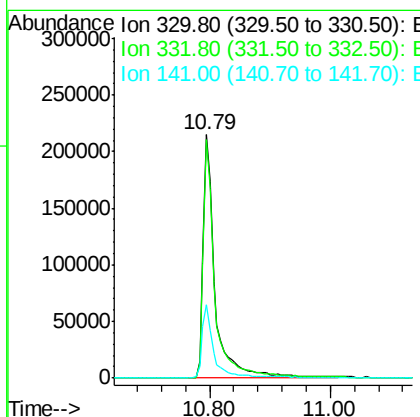
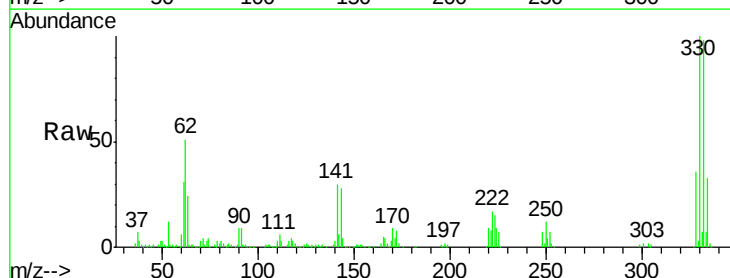
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 MW-A11

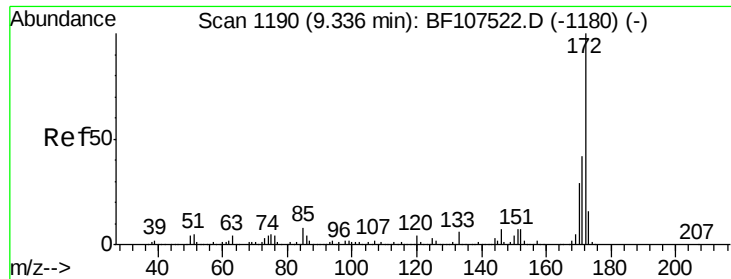
Tgt Ion:164 Resp: 217615
 Ion Ratio Lower Upper
 164 100
 162 107.1 86.1 129.1
 160 49.8 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 120.433 ng
 RT: 10.79 min Scan# 1438
 Delta R.T. -0.02 min
 Lab File: BF107787.D
 Acq: 28 Jul 2018 10:30

Tgt Ion:330 Resp: 298025
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 30.5 29.9 44.9

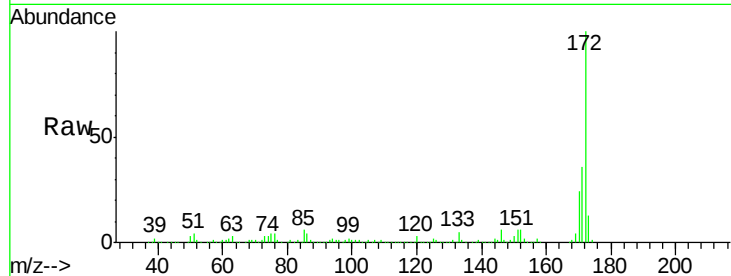




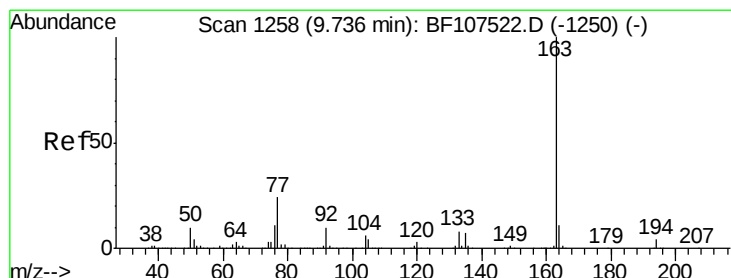
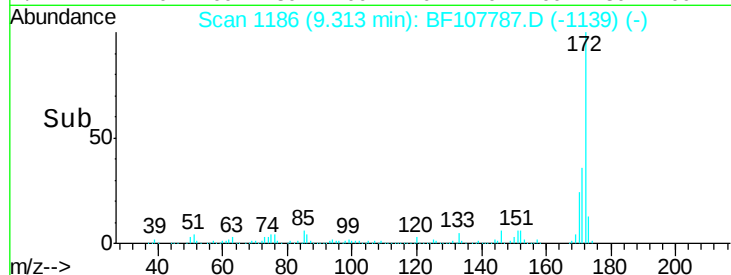
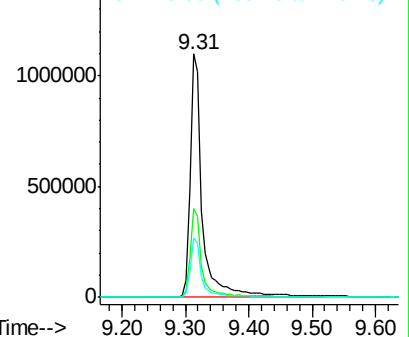
#44
2-Fluorobiphenyl
Concen: 132.198 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.02 min
Lab File: BF107787.D
Acq: 28 Jul 2018 10:30

Instrument :
BNA_F
ClientSampleId :
MW-A11

Tgt Ion:172 Resp: 1445856
Ion Ratio Lower Upper
172 100
171 36.2 29.7 44.5
170 24.1 19.6 29.4

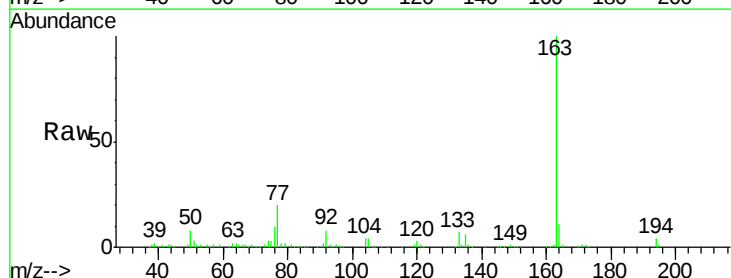


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

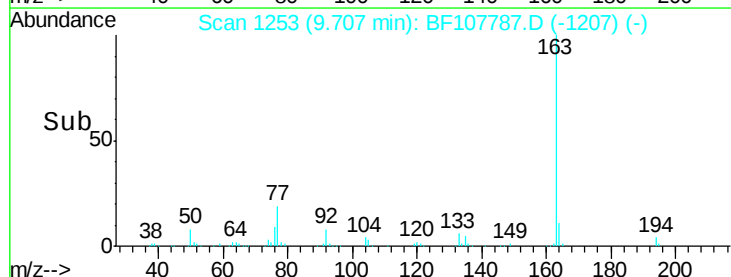
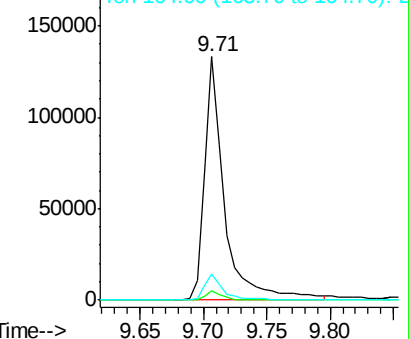


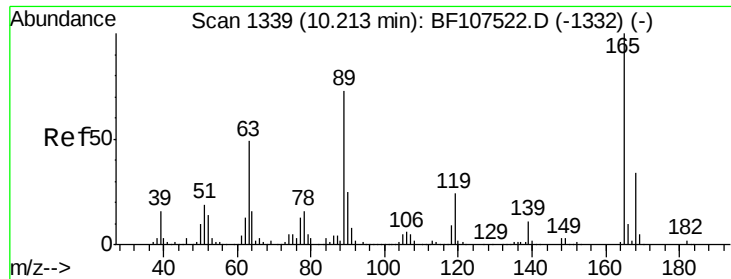
#49
Dimethylphthalate
Concen: 9.010 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.03 min
Lab File: BF107787.D
Acq: 28 Jul 2018 10:30

Tgt Ion:163 Resp: 147773
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.6 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

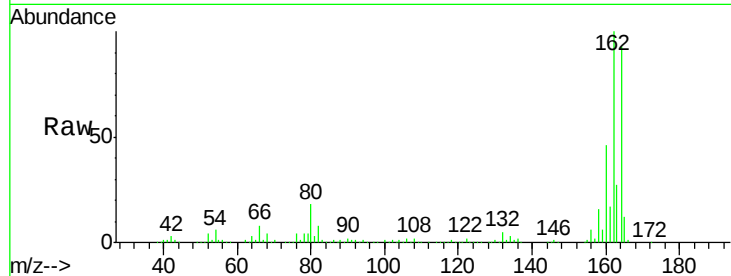




#56
 2,4-Dinitrotoluene
 Concen: 7.167 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.21 min
 Lab File: BF107787.D
 Acq: 28 Jul 2018 10:30

Instrument :
 BNA_F
 ClientSampleId :
 MW-A11

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.2	36.4	54.6#
89	1.9	57.8	86.6#
182	0.0	1.6	2.4#

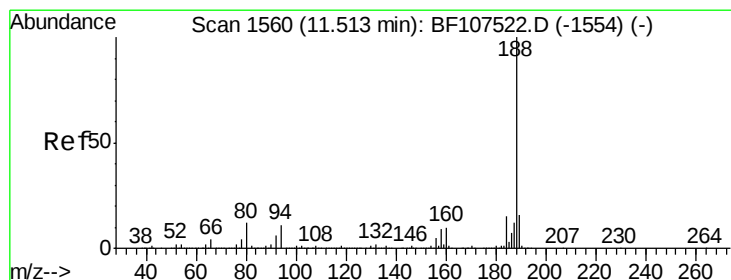
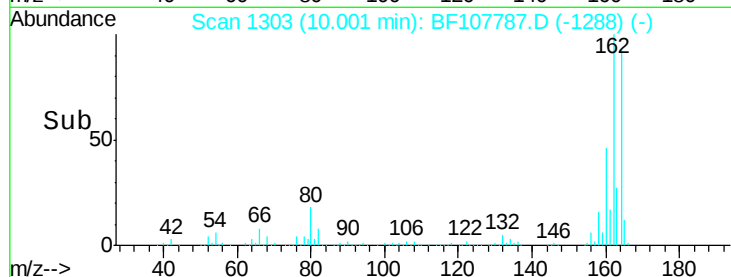
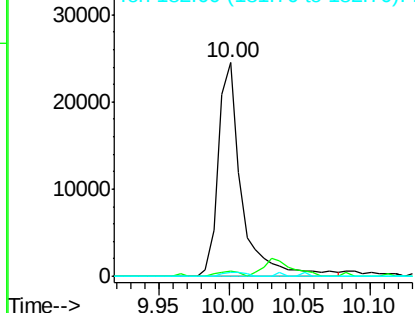


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

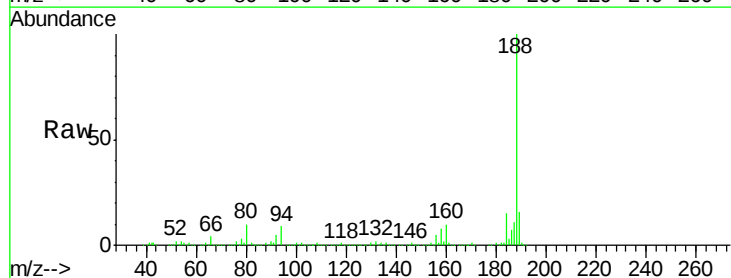
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1557
 Delta R.T. -0.02 min
 Lab File: BF107787.D
 Acq: 28 Jul 2018 10:30

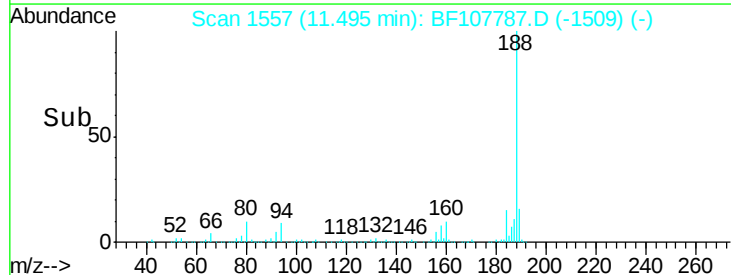
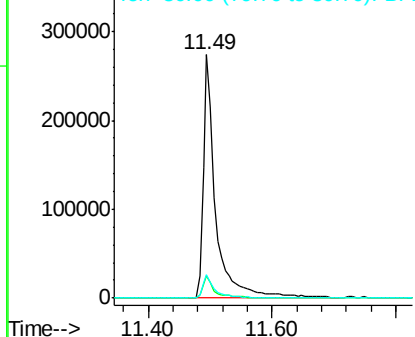
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	9.7	9.2	13.8

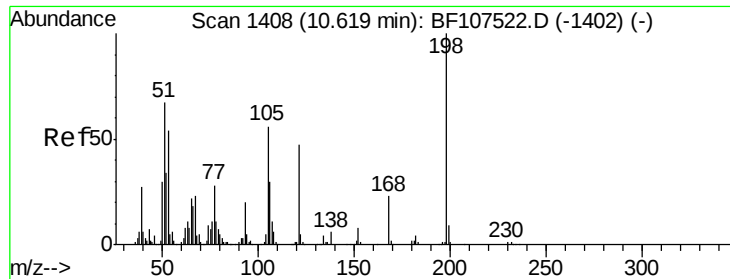


Abundance Ion 188.00 (187.70 to 188.70): E

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: 8.866 ng

RT: 10.79 min Scan# 1438

Delta R.T. 0.18 min

Lab File: BF107787.D

Acq: 28 Jul 2018 10:30

Instrument :

BNA_F

ClientSampleId :

MW-A11

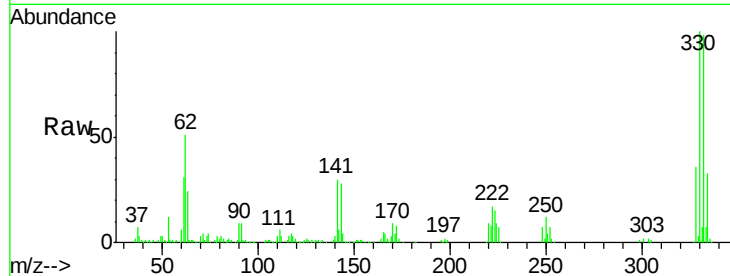
Tgt Ion:198 Resp: 421

Ion Ratio Lower Upper

198 100

51 237.7 37.7 77.7#

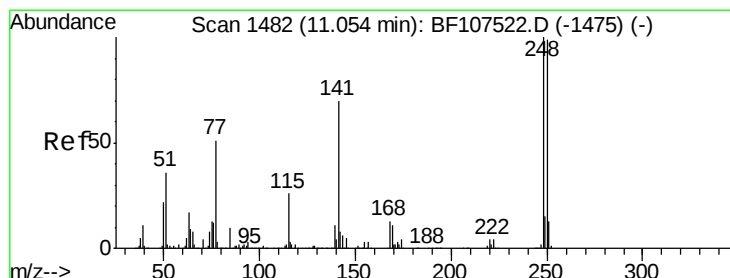
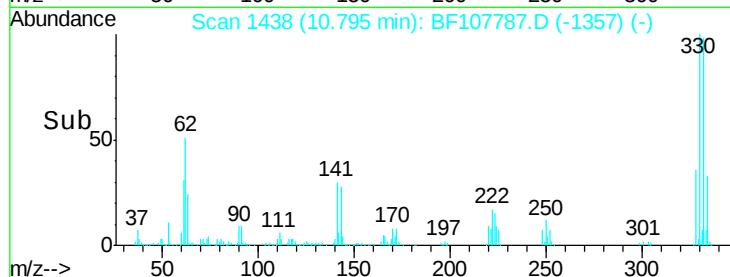
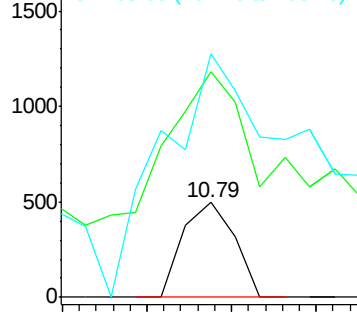
105 257.1 36.3 76.3#



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: 3.856 ng

RT: 10.79 min Scan# 1438

Delta R.T. -0.26 min

Lab File: BF107787.D

Acq: 28 Jul 2018 10:30

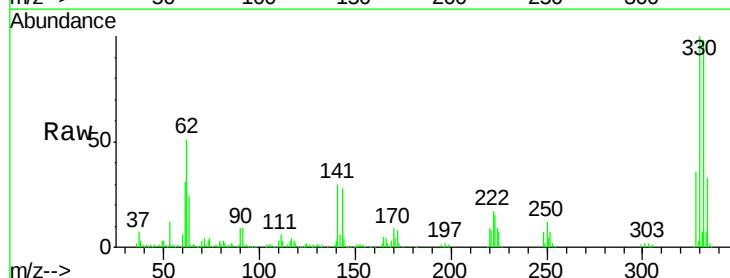
Tgt Ion:248 Resp: 17517

Ion Ratio Lower Upper

248 100

250 188.9 76.9 115.3#

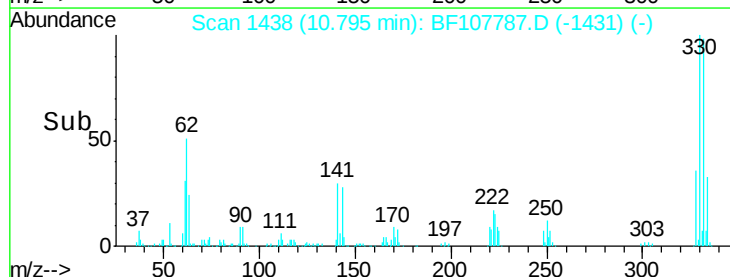
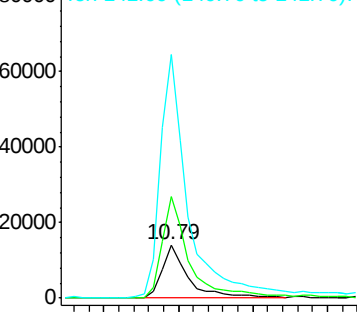
141 455.0 74.4 111.6#

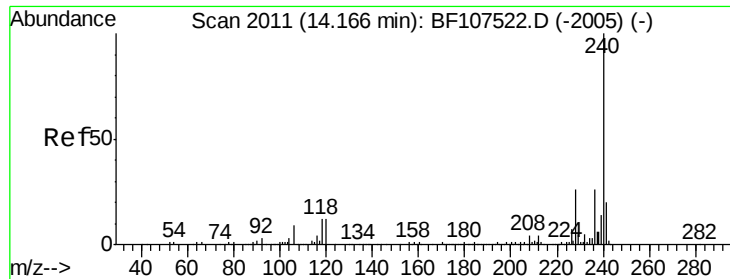


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF107787.D

Acq: 28 Jul 2018 10:30

Instrument :

BNA_F

ClientSampleId :

MW-A11

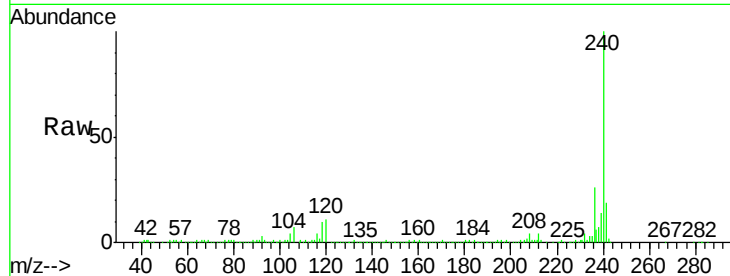
Tgt Ion:240 Resp: 395973

Ion Ratio Lower Upper

240 100

120 11.0 9.5 14.3

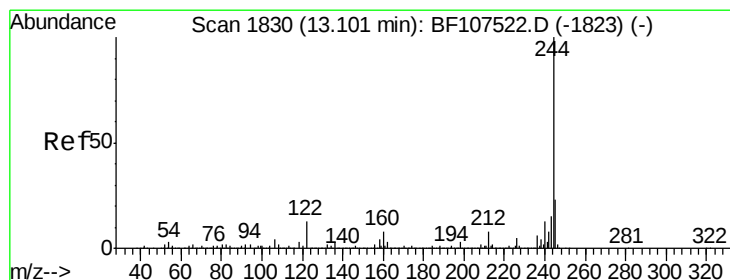
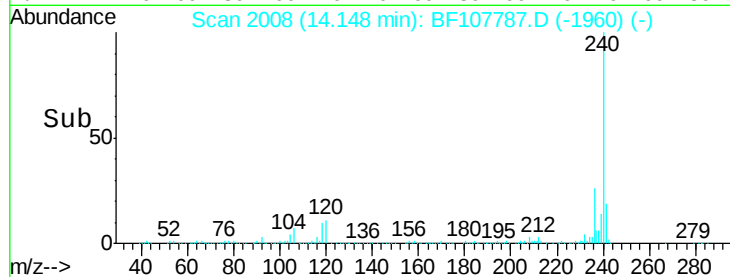
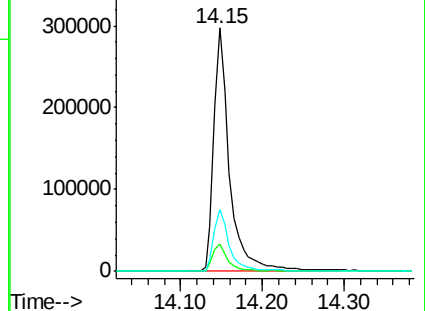
236 25.6 20.7 31.1



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



#78

Terphenyl-d14

Concen: 78.228 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BF107787.D

Acq: 28 Jul 2018 10:30

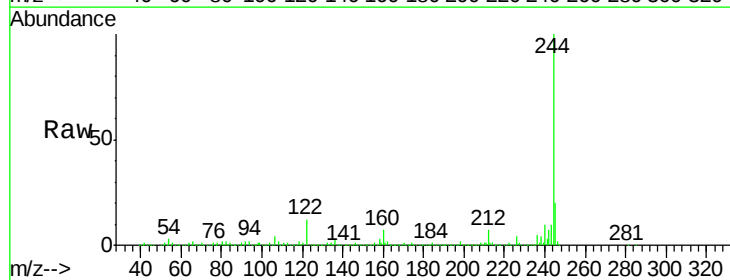
Tgt Ion:244 Resp: 1209970

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

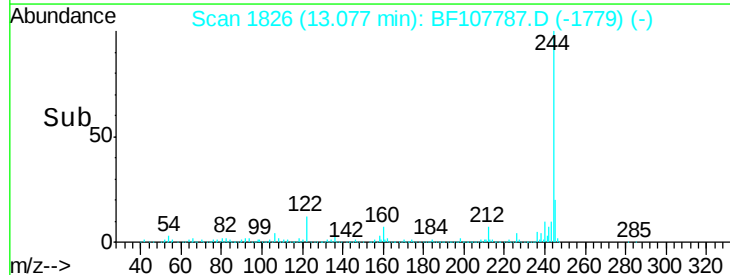
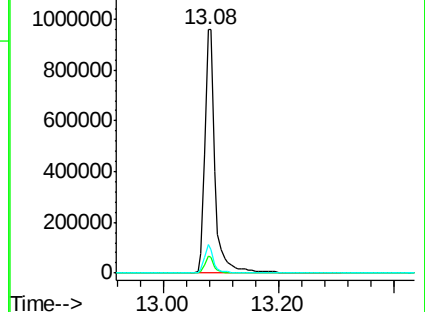
122 11.9 11.0 16.4

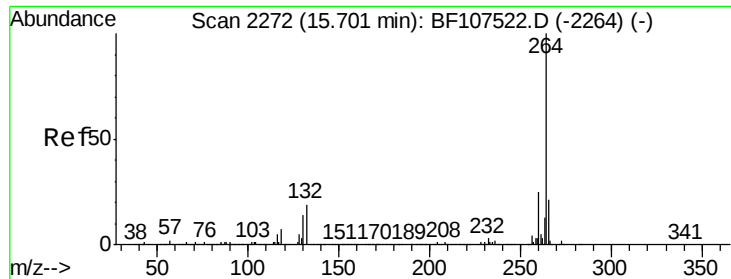


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

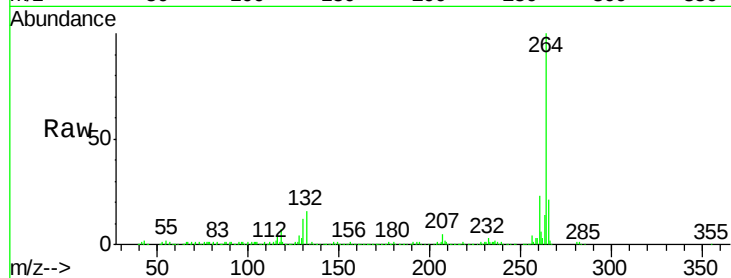




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.02 min
Lab File: BF107787.D
Acq: 28 Jul 2018 10:30

Instrument :
BNA_F
ClientSampleId :
MW-A11

Tgt Ion: 264 Resp: 319578
Ion Ratio Lower Upper
264 100
260 23.1 19.2 28.8
265 20.9 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

