

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072718\
 Data File : BF107782.D
 Acq On : 28 Jul 2018 8:16
 Operator : JU/SJ
 Sample : J4184-08
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1B

Quant Time: Jul 30 01:35:20 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

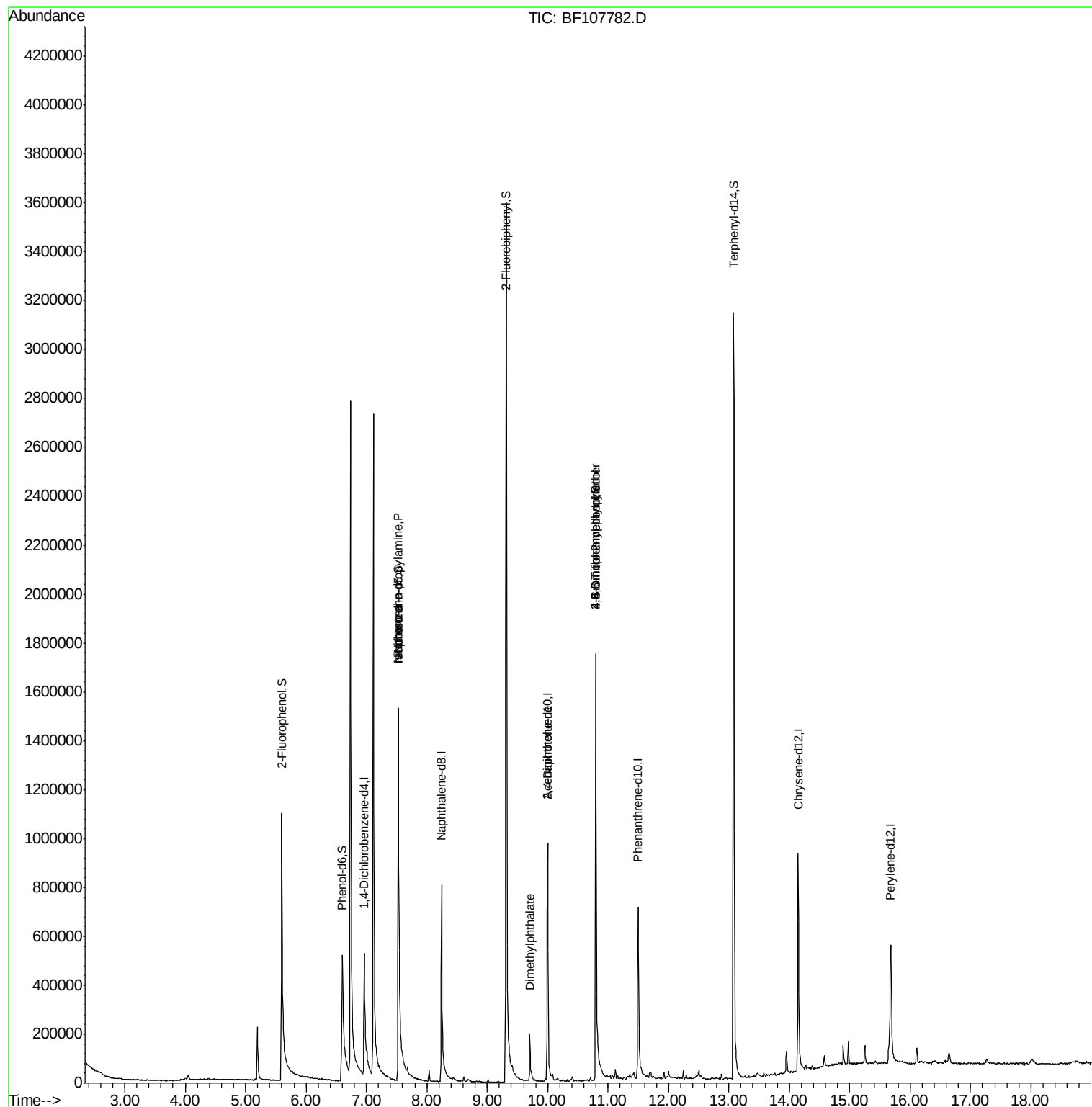
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	159675	20.00	ng	-0.01
21) Naphthalene-d8	8.24	136	607973	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	233035	20.00	ng	-0.02
63) Phenanthrene-d10	11.50	188	402148	20.00	ng	-0.02
75) Chrysene-d12	14.15	240	444767	20.00	ng	-0.02
86) Perylene-d12	15.68	264	339116	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	605938	61.01	ng	-0.01
7) Phenol-d6	6.60	99	473593	39.71	ng	-0.01
23) Nitrobenzene-d5	7.53	82	901222	100.04	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	328929	124.13	ng	-0.02
44) 2-Fluorobiphenyl	9.31	172	1626592	144.64	ng	-0.02
78) Terphenyl-d14	13.08	244	1365731	78.61	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	110894	14.395	ng	# 82
25) Isophorone	7.53	82	901222	46.853	ng	# 64
49) Dimethylphthalate	9.71	163	98720	5.621	ng	# 98
56) 2,4-Dinitrotoluene	10.00	165	29464	7.000	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.80	198	322	8.817	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	18727	3.956	ng	# 1
73) Di-n-butylphthalate	12.04	149	1773	Below Cal		# 78

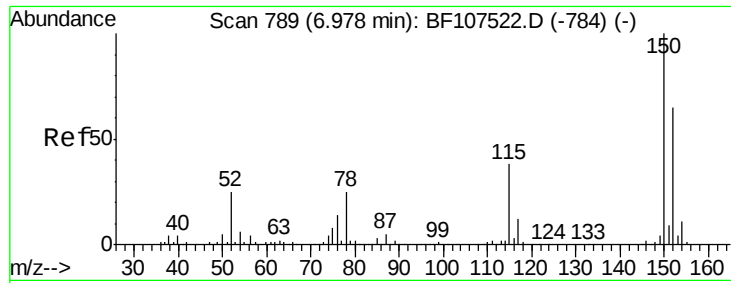
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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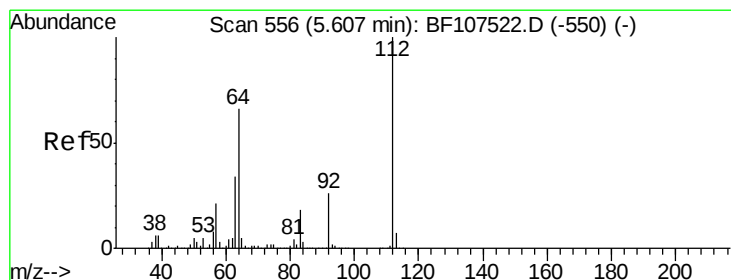
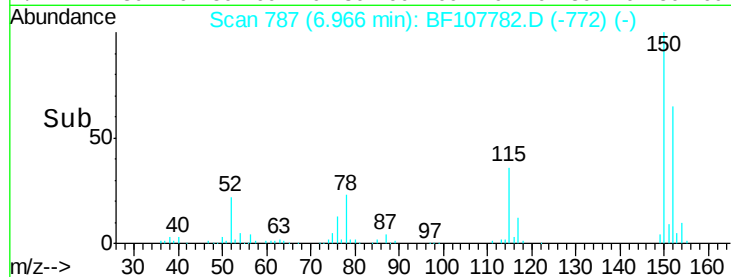
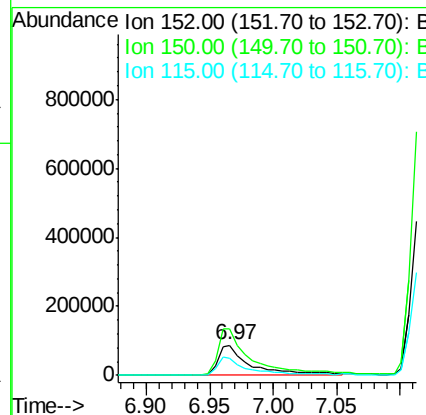
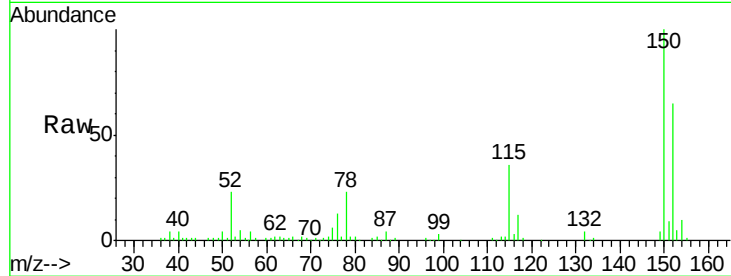


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107782.D
Acq: 28 Jul 2018 8:16

Instrument :
BNA_F
ClientSampleId :
MW-1B

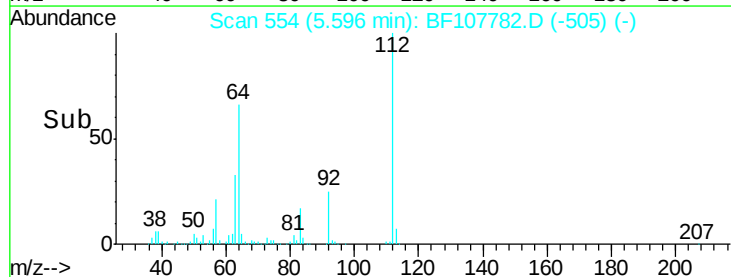
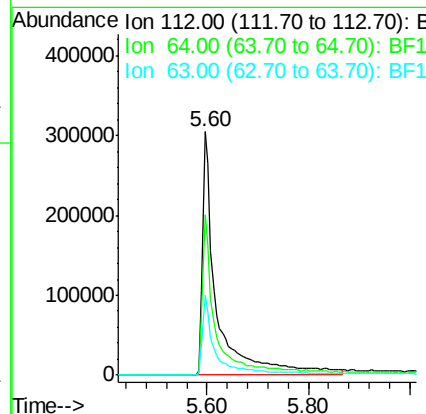
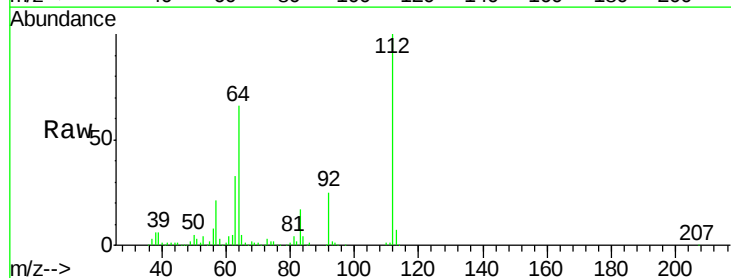
Tgt Ion:152 Resp: 159675
Ion Ratio Lower Upper
152 100
150 154.6 124.6 186.8
115 56.2 50.1 75.1

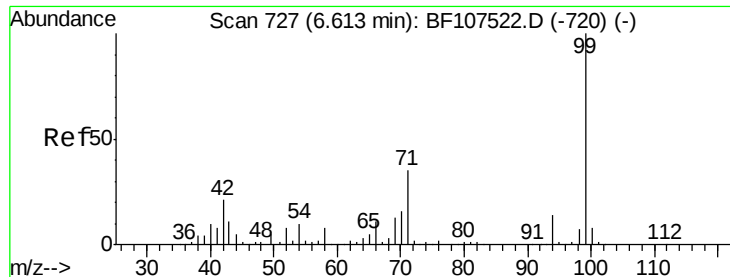


#5

2-Fluorophenol
Concen: 61.013 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107782.D
Acq: 28 Jul 2018 8:16

Tgt Ion:112 Resp: 605938
Ion Ratio Lower Upper
112 100
64 66.1 47.9 71.9
63 33.0 23.7 35.5





#7

Phenol-d6

Concen: 39.715 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107782.D

Acq: 28 Jul 2018 8:16

Instrument :

BNA_F

ClientSampleId :

MW-1B

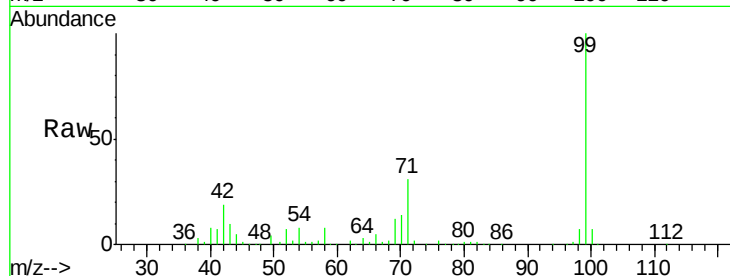
Tgt Ion: 99 Resp: 473593

Ion Ratio Lower Upper

99 100

42 19.3 14.5 21.7

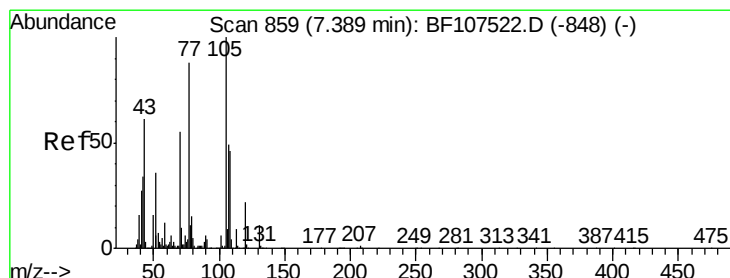
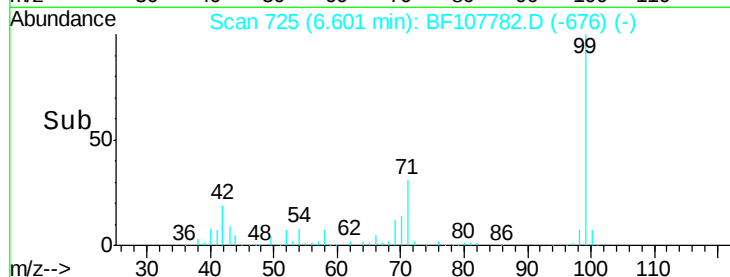
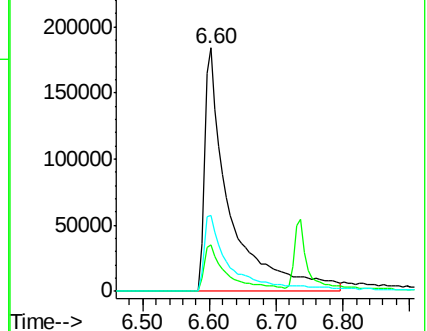
71 31.2 25.4 38.0



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: 14.395 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.14 min

Lab File: BF107782.D

Acq: 28 Jul 2018 8:16

Tgt Ion: 70 Resp: 110894

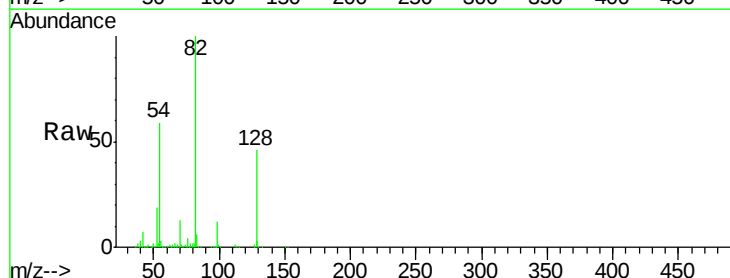
Ion Ratio Lower Upper

70 100

42 52.3 47.5 71.3

101 0.0 7.4 11.2#

130 2.6 16.6 25.0#

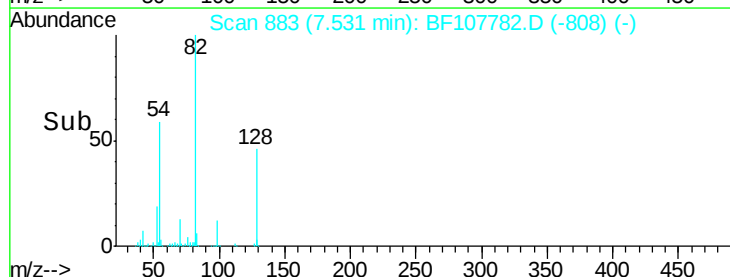
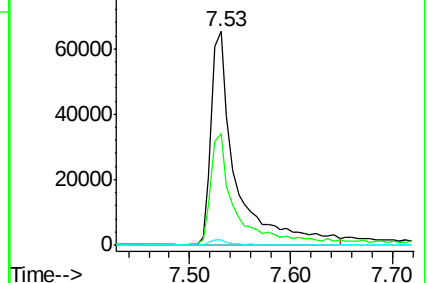


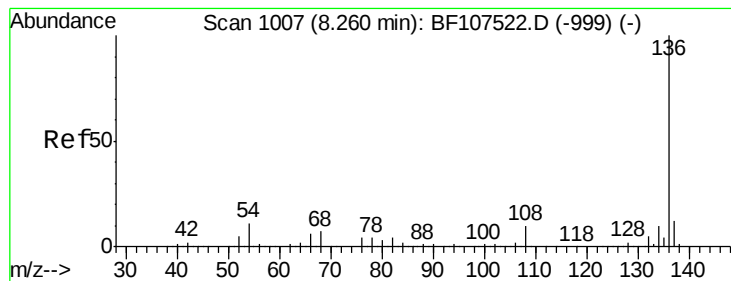
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

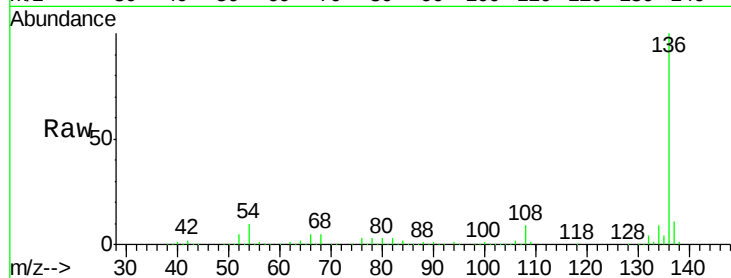




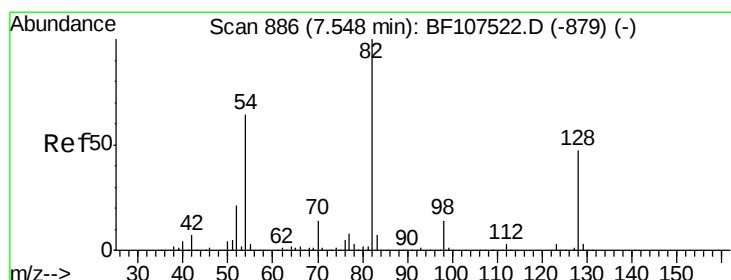
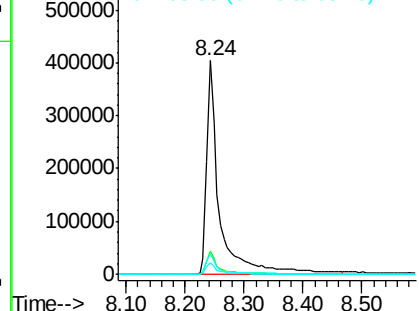
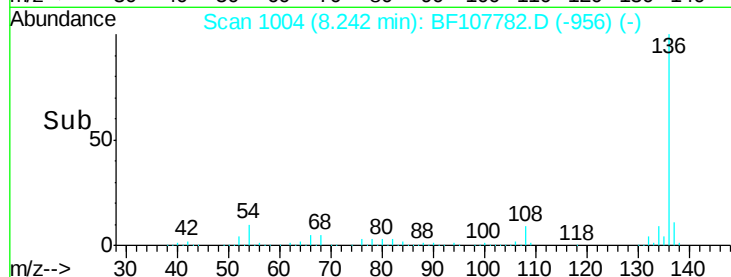
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF107782.D
Acq: 28 Jul 2018 8:16

Instrument :
BNA_F
ClientSampleId :
MW-1B

Tgt Ion:	136	Resp:	607973
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.8	6.6	9.8#
68	5.4	5.0	7.4

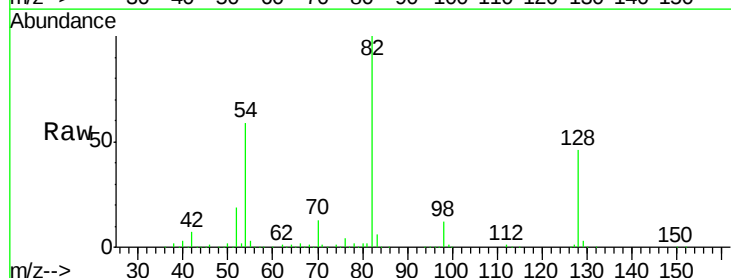


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

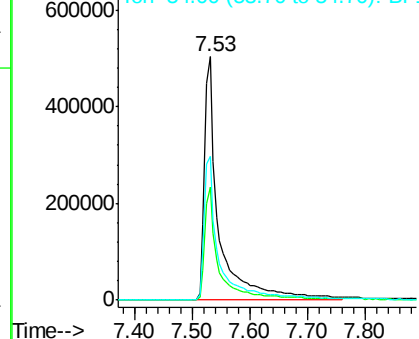
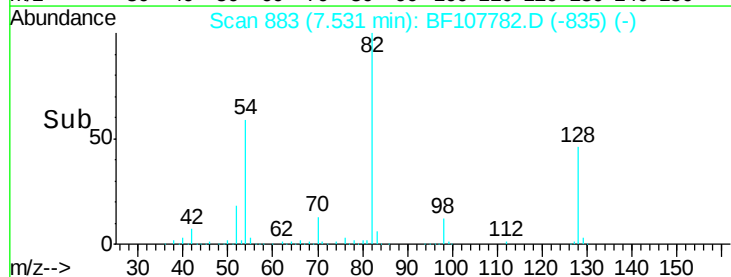


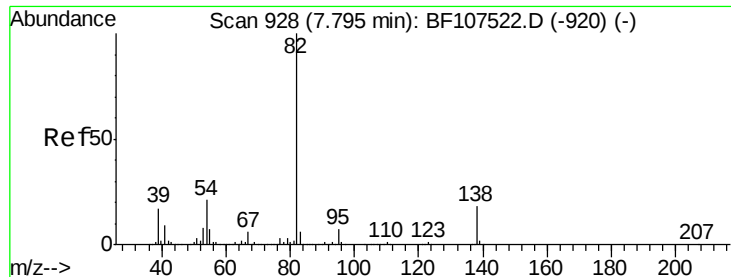
#23
Nitrobenzene-d5
Concen: 100.040 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF107782.D
Acq: 28 Jul 2018 8:16

Tgt Ion:	82	Resp:	901222
Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.1	54.1
54	59.3	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: 46.853 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.26 min

Lab File: BF107782.D

Acq: 28 Jul 2018 8:16

Instrument :

BNA_F

ClientSampleId :

MW-1B

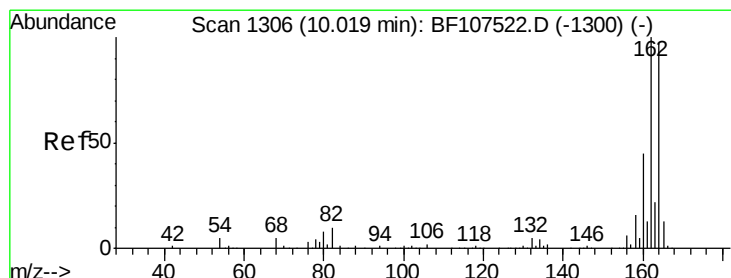
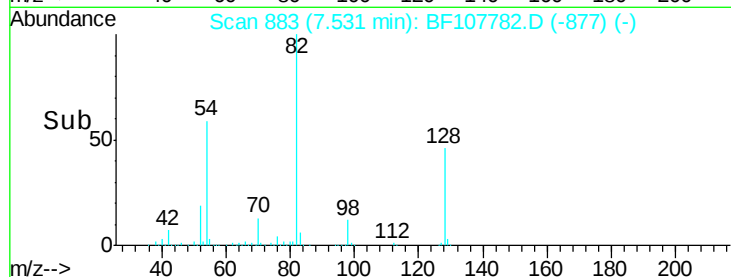
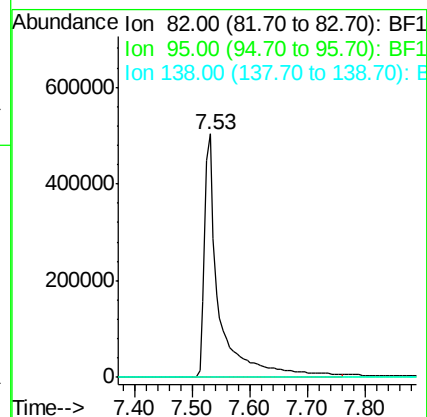
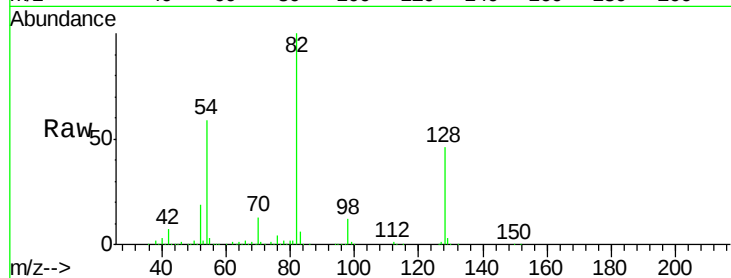
Tgt Ion: 82 Resp: 901222

Ion Ratio Lower Upper

82 100

95 0.1 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: BF107782.D

Acq: 28 Jul 2018 8:16

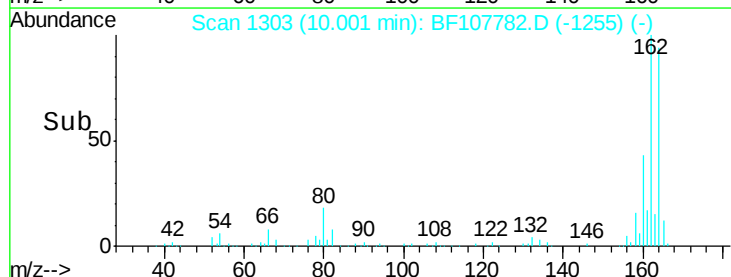
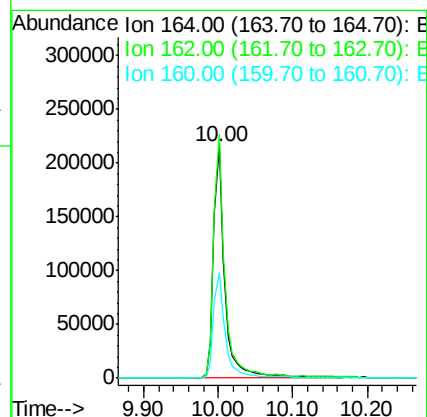
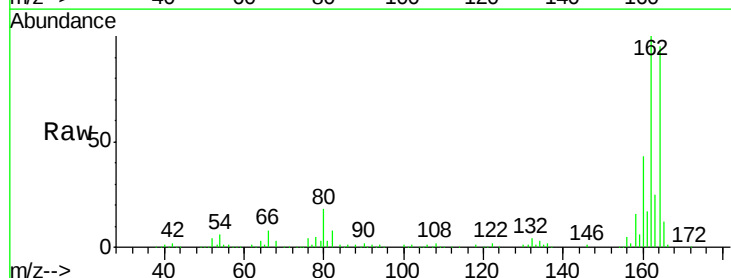
Tgt Ion: 164 Resp: 233035

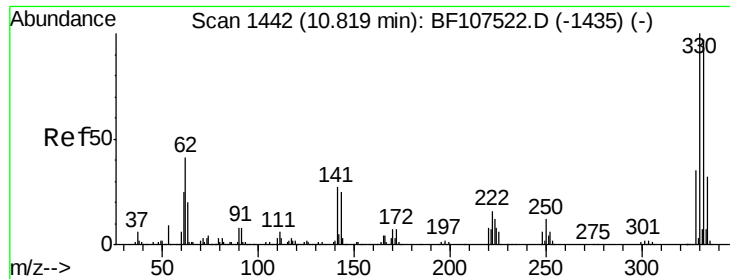
Ion Ratio Lower Upper

164 100

162 104.9 86.1 129.1

160 45.6 38.3 57.5

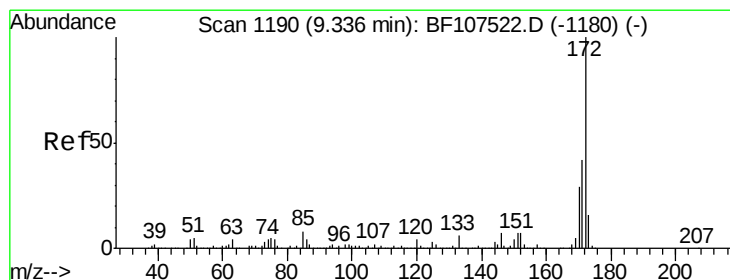
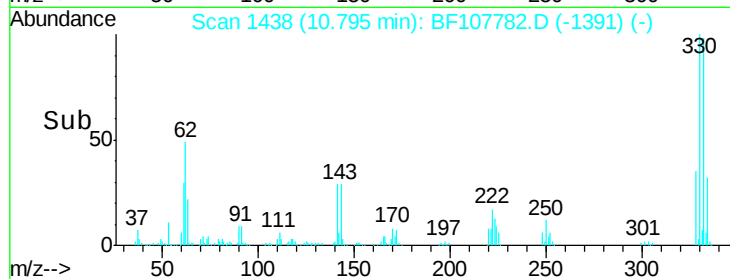
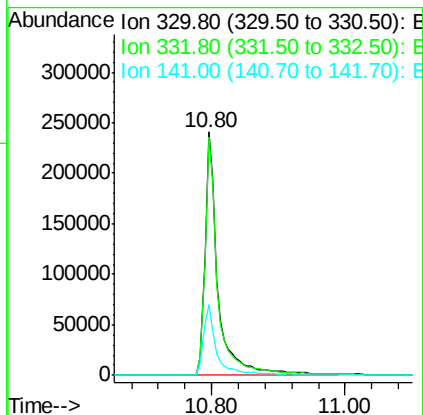
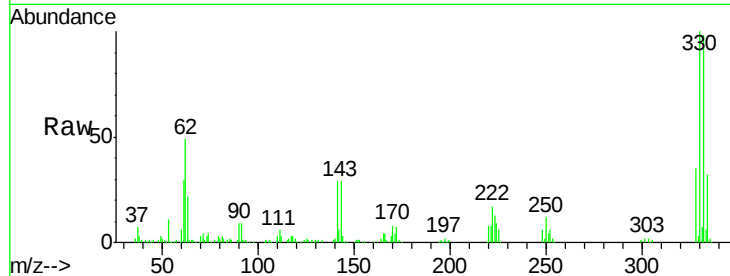




#41
 2,4,6-Tribromophenol
 Concen: 124.125 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.02 min
 Lab File: BF107782.D
 Acq: 28 Jul 2018 8:16

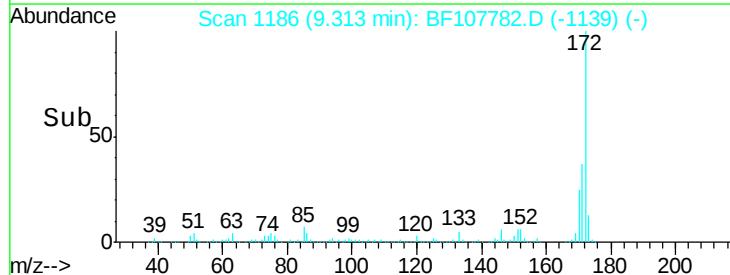
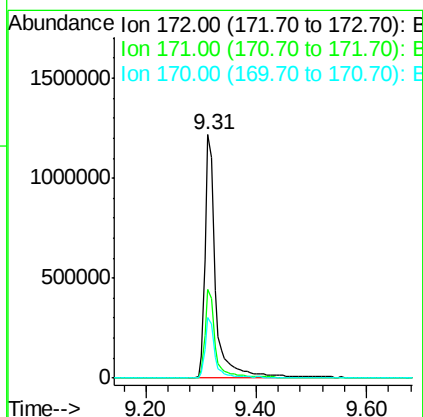
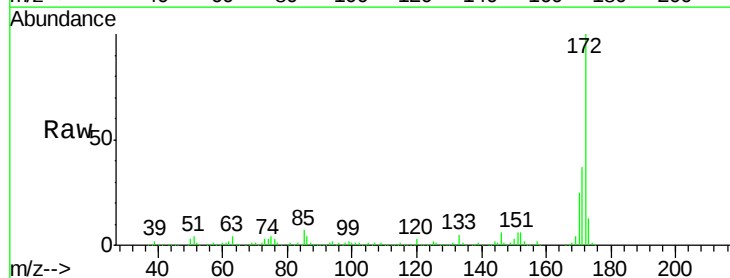
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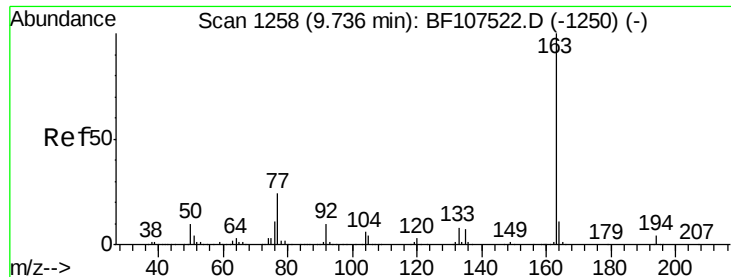
Tgt Ion:330 Resp: 328929
 Ion Ratio Lower Upper
 330 100
 332 98.4 77.0 115.6
 141 28.5 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 144.642 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.02 min
 Lab File: BF107782.D
 Acq: 28 Jul 2018 8:16

Tgt Ion:172 Resp: 1626592
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 24.8 19.6 29.4

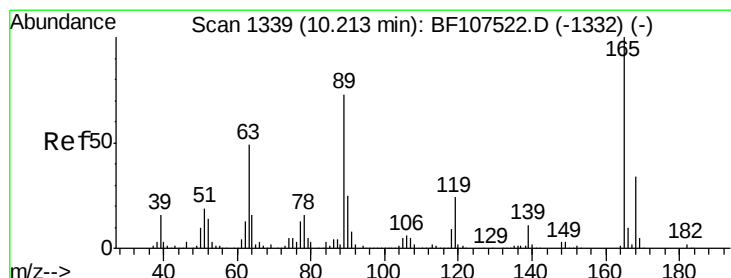
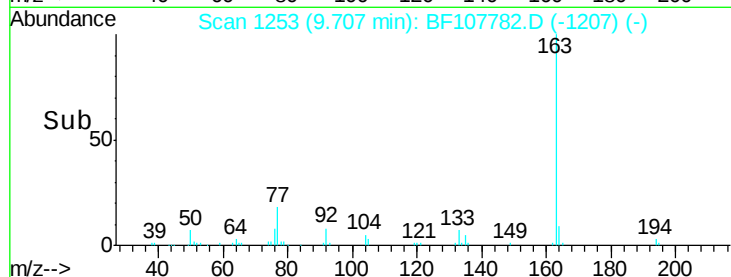
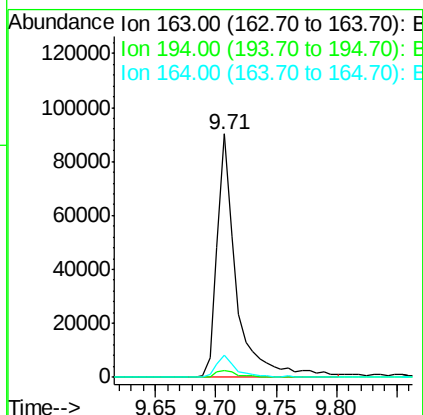
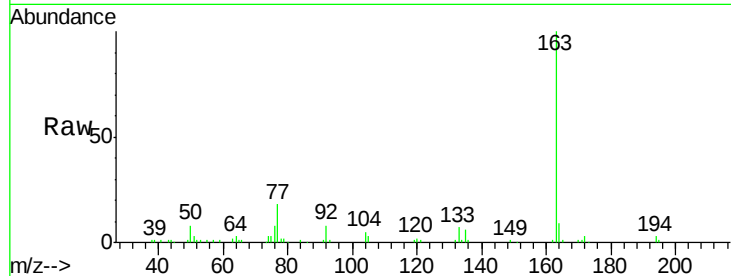




#49
Dimethylphthalate
Concen: 5.621 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.03 min
Lab File: BF107782.D
Acq: 28 Jul 2018 8:16

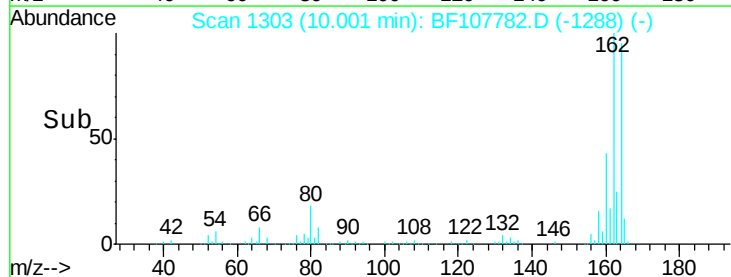
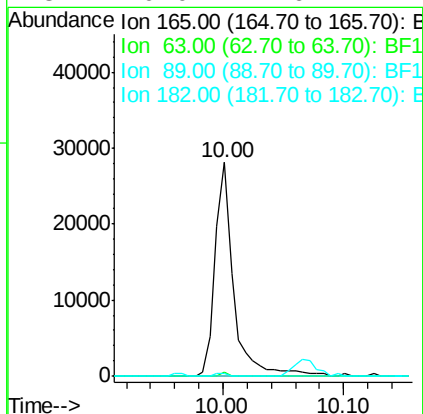
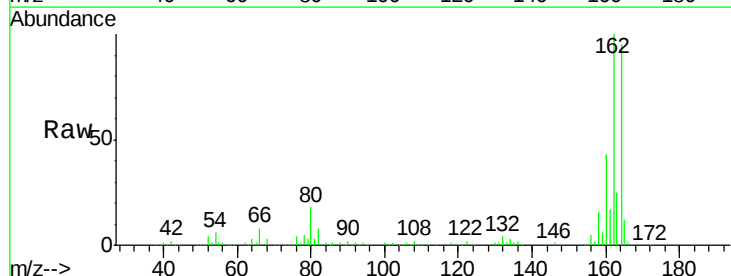
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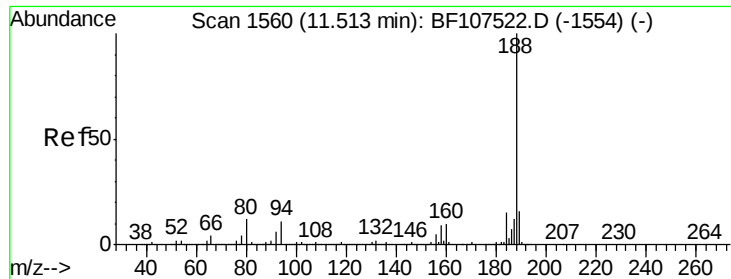
Tgt Ion:163 Resp: 98720
Ion Ratio Lower Upper
163 100
194 2.9 2.7 4.1
164 9.3 8.2 12.2



#56
2,4-Dinitrotoluene
Concen: 7.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.21 min
Lab File: BF107782.D
Acq: 28 Jul 2018 8:16

Tgt Ion:165 Resp: 29464
Ion Ratio Lower Upper
165 100
63 2.1 36.4 54.6#
89 1.2 57.8 86.6#
182 0.0 1.6 2.4#

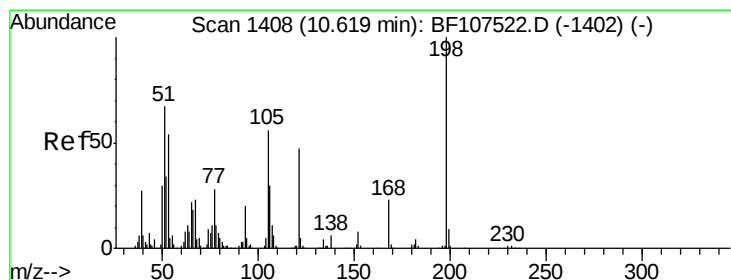
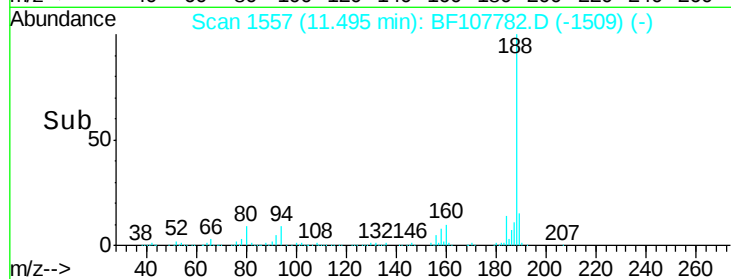
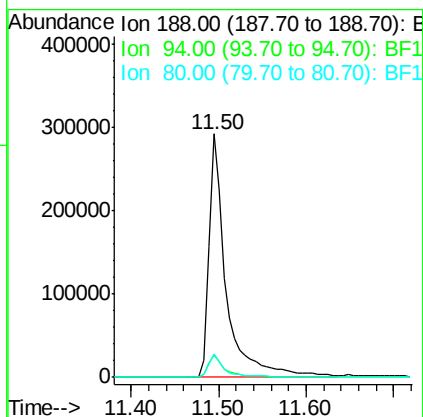
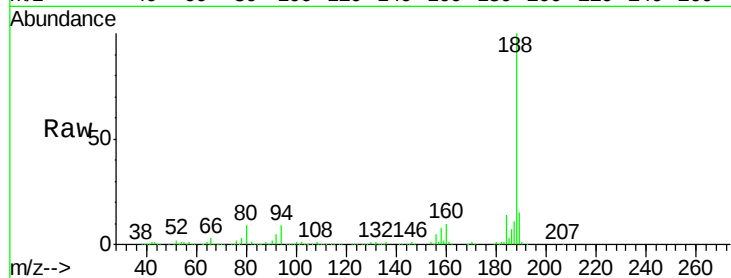




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF107782.D
Acq: 28 Jul 2018 8:16

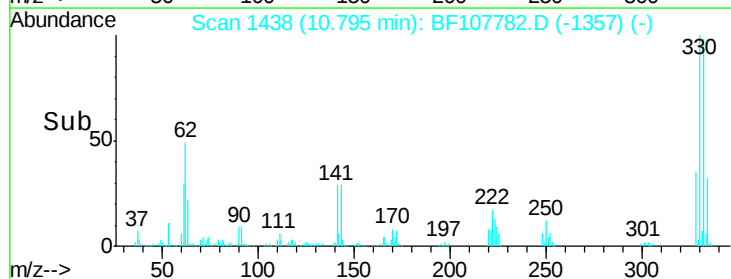
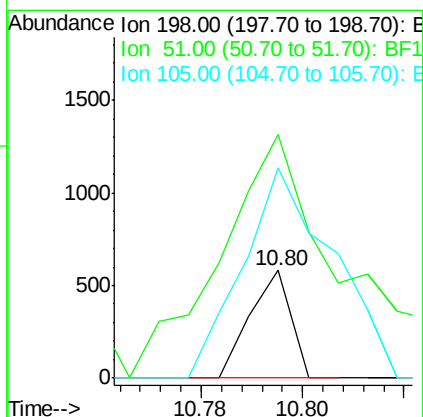
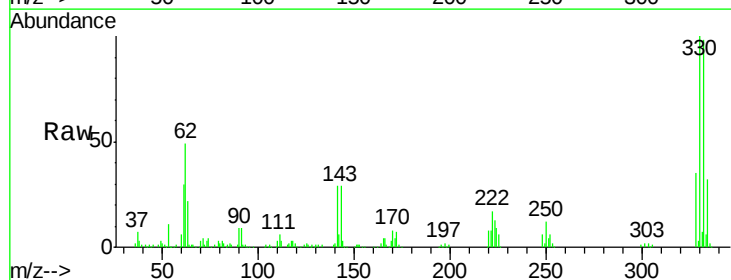
Instrument :
BNA_F
ClientSampleId :
MW-1B

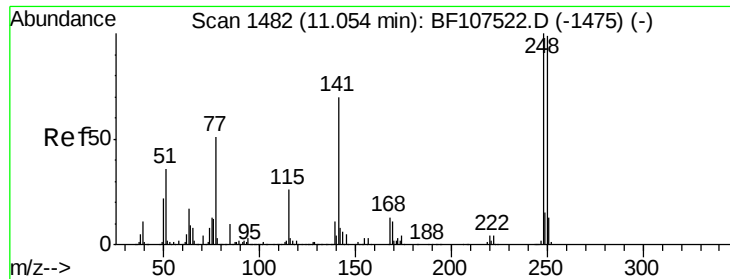
Tgt Ion:188 Resp: 402148
Ion Ratio Lower Upper
188 100
94 9.0 8.5 12.7
80 9.4 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 8.817 ng
RT: 10.80 min Scan# 1438
Delta R.T. 0.18 min
Lab File: BF107782.D
Acq: 28 Jul 2018 8:16

Tgt Ion:198 Resp: 322
Ion Ratio Lower Upper
198 100
51 226.6 37.7 77.7#
105 195.9 36.3 76.3#

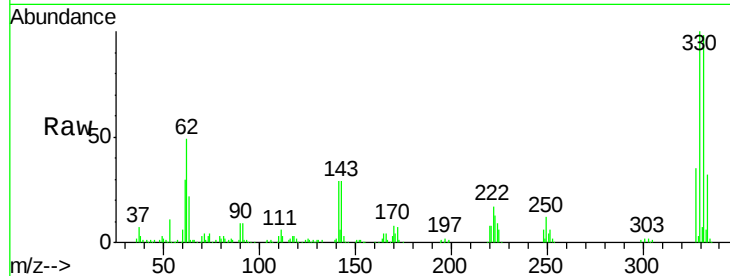




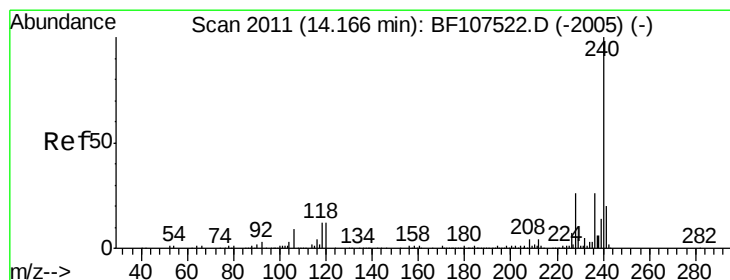
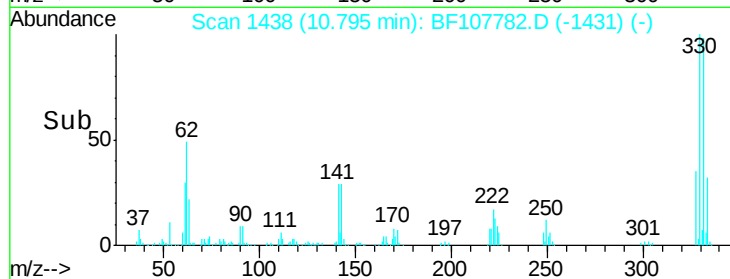
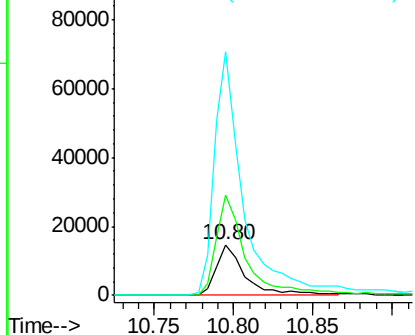
#66
 4-Bromophenyl-phenylether
 Concen: 3.956 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.26 min
 Lab File: BF107782.D
 Acq: 28 Jul 2018 8:16

Instrument :
 BNA_F
 ClientSampleId :
 MW-1B

Tgt Ion: 248 Resp: 18727
 Ion Ratio Lower Upper
 248 100
 250 199.2 76.9 115.3#
 141 483.0 74.4 111.6#

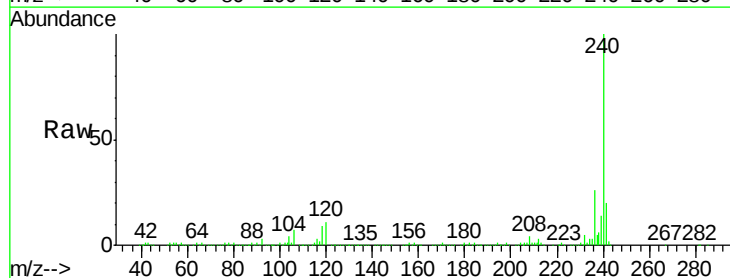


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

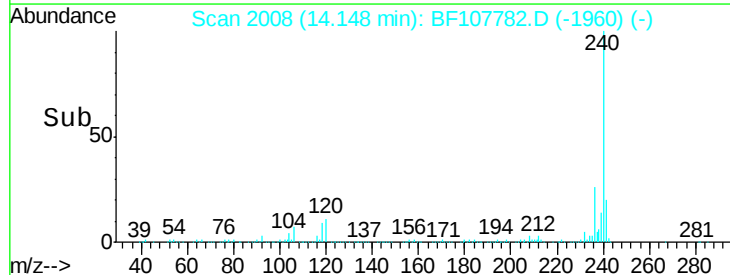
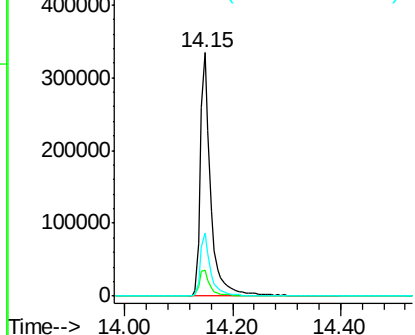


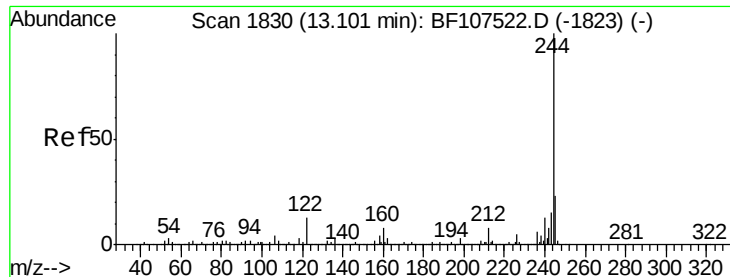
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2008
 Delta R.T. -0.02 min
 Lab File: BF107782.D
 Acq: 28 Jul 2018 8:16

Tgt Ion: 240 Resp: 444767
 Ion Ratio Lower Upper
 240 100
 120 10.8 9.5 14.3
 236 25.9 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: 78.612 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BF107782.D

Acq: 28 Jul 2018 8:16

Instrument :

BNA_F

ClientSampleId :

MW-1B

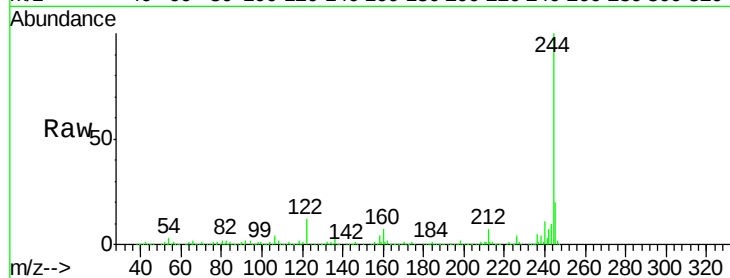
Tgt Ion:244 Resp: 1365731

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

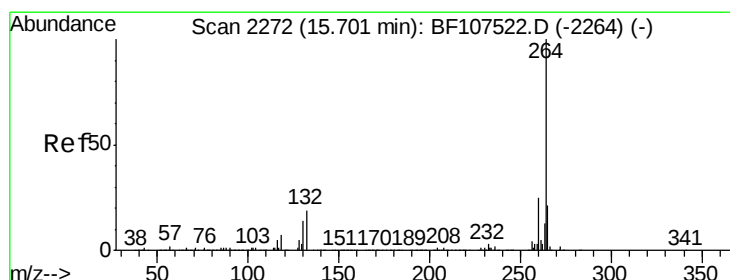
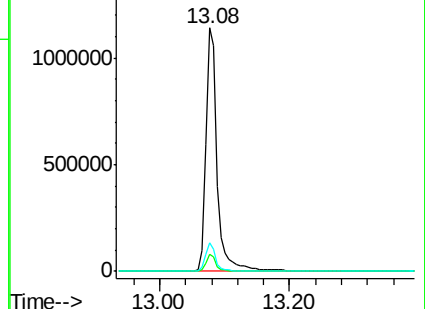
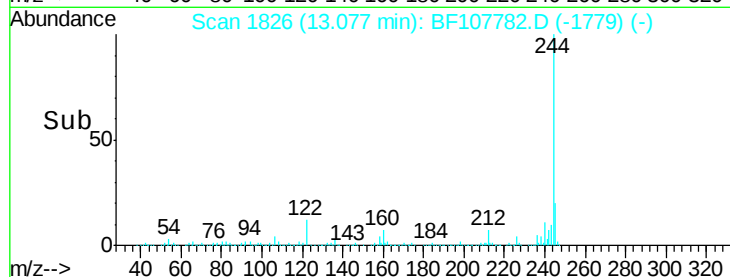
122 11.8 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2268

Delta R.T. -0.02 min

Lab File: BF107782.D

Acq: 28 Jul 2018 8:16

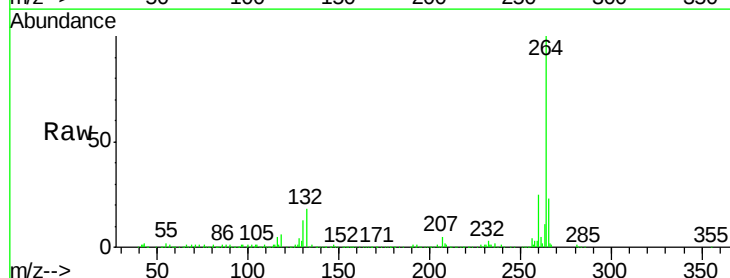
Tgt Ion:264 Resp: 339116

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

265 23.0 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

