

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072718\
 Data File : BF107754.D
 Acq On : 27 Jul 2018 19:01
 Operator : JU/SJ
 Sample : J4189-19
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-14-D

Quant Time: Jul 28 01:16:30 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	141846	20.00	ng	-0.01
21) Naphthalene-d8	8.24	136	576258	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	234046	20.00	ng	-0.02
63) Phenanthrene-d10	11.50	188	406426	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	388720	20.00	ng	-0.02
86) Perylene-d12	15.68	264	394535	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	449188	50.91	ng	-0.01
7) Phenol-d6	6.60	99	649776	61.34	ng	-0.02
23) Nitrobenzene-d5	7.52	82	420530	49.25	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	165470	62.17	ng	-0.02
44) 2-Fluorobiphenyl	9.31	172	789952	51.42	ng	-0.02
78) Terphenyl-d14	13.08	244	642046	42.28	ng	-0.02

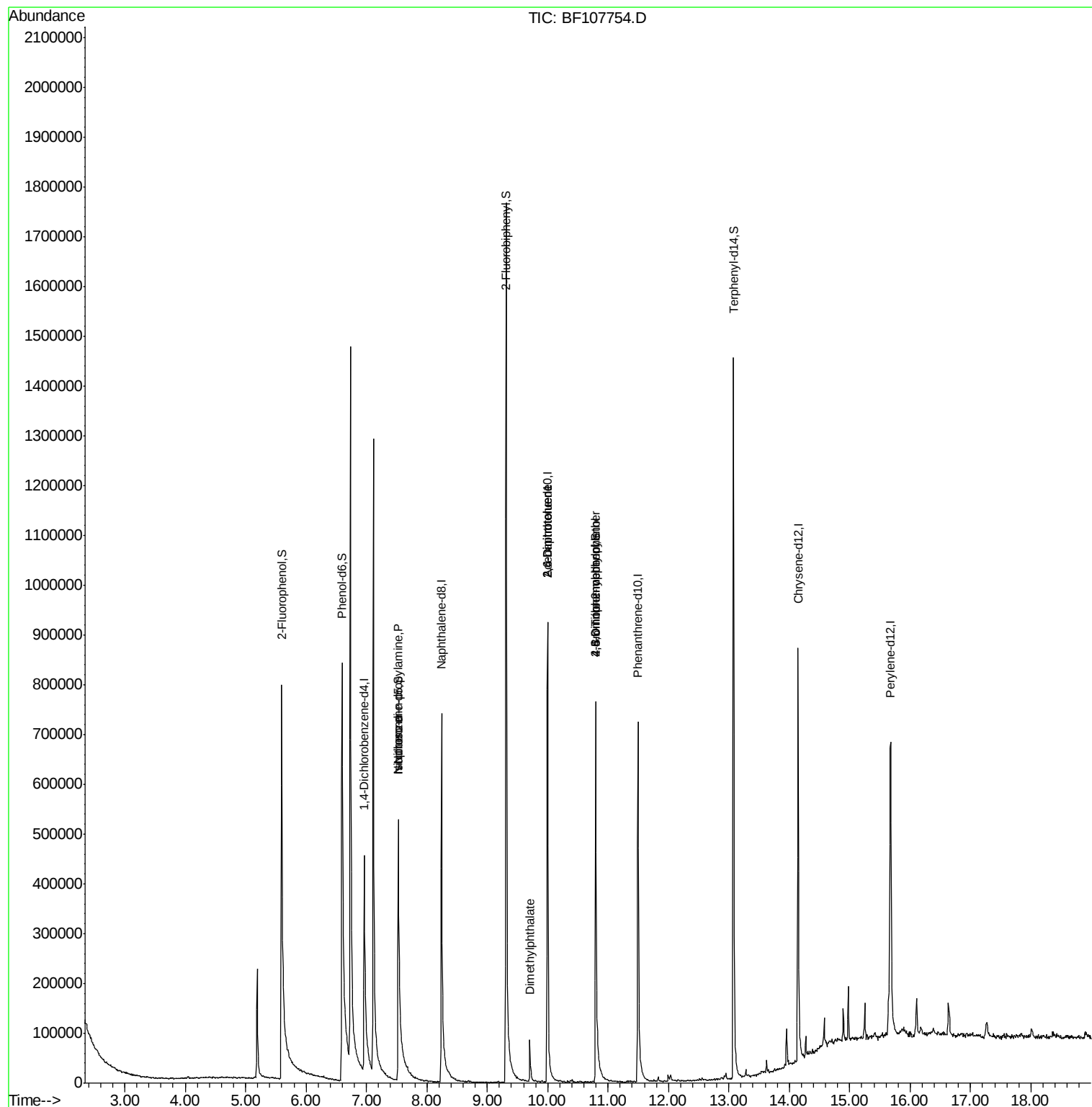
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.60	77	589	Below Cal		# 1
19) n-Nitroso-di-n-propylamine	7.52	70	46941	6.859	ng	# 82
25) Isophorone	7.52	82	420530	23.066	ng	# 64
49) Dimethylphthalate	9.71	163	52718	2.989	ng	# 98
50) 2,6-Dinitrotoluene	10.00	165	27900	7.967	ng	# 26
56) 2,4-Dinitrotoluene	10.00	165	28217	6.675	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.79	198	117	8.730	ng	# 13
66) 4-Bromophenyl-phenylether	10.80	248	10313	2.156	ng	# 1
73) Di-n-butylphthalate	12.04	149	9330	Below Cal		97

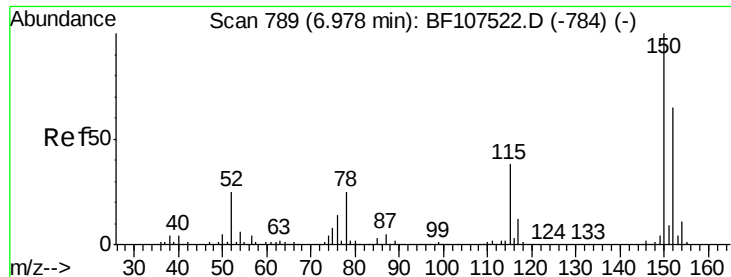
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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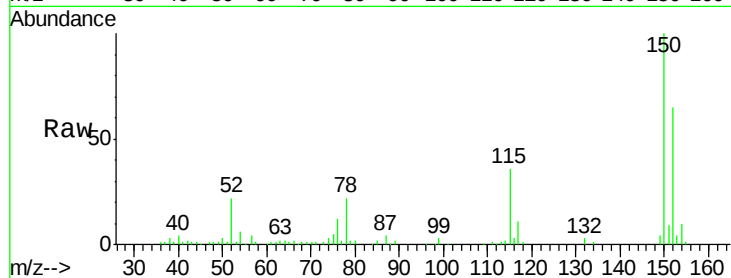


#1

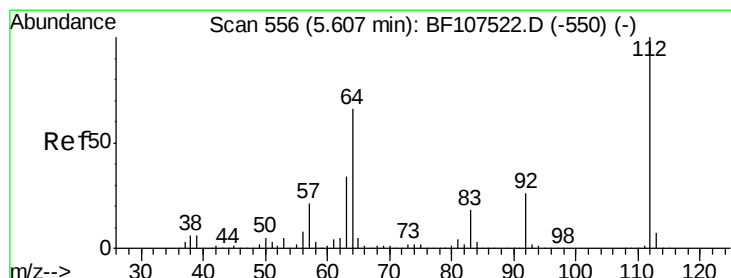
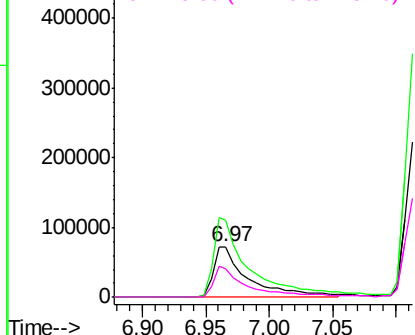
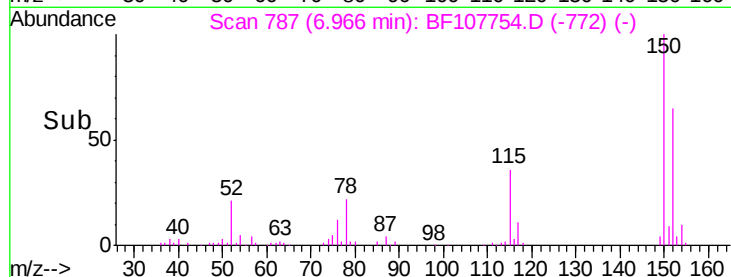
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107754.D
Acq: 27 Jul 2018 19:01

Instrument :
BNA_F
ClientSampleId :
TP-14-D

Tgt Ion:152 Resp: 141846
Ion Ratio Lower Upper
152 100
150 152.7 124.6 186.8
115 55.6 50.1 75.1



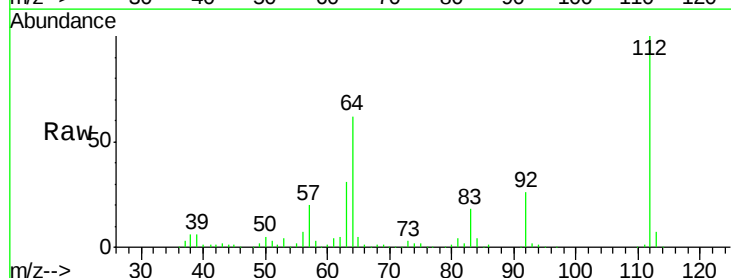
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



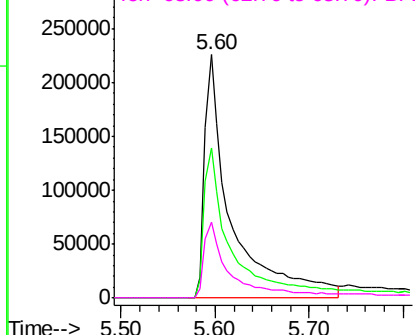
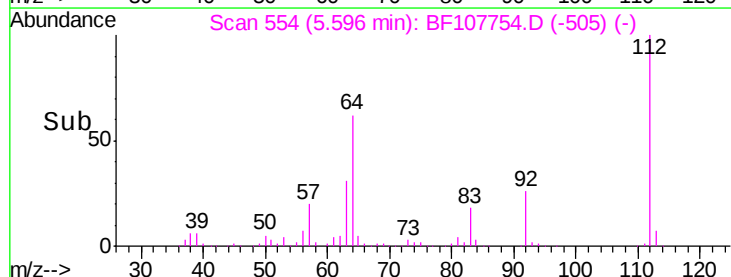
#5

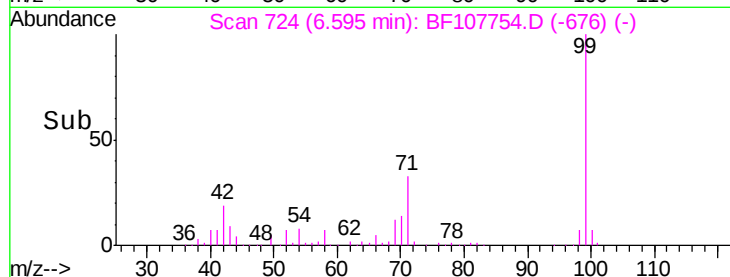
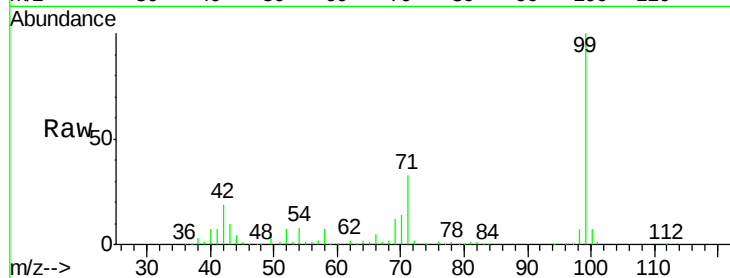
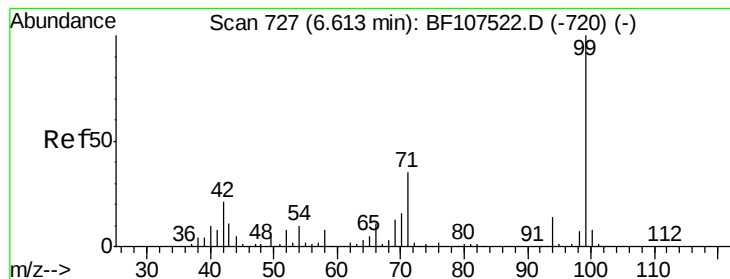
2-Fluorophenol
Concen: 50.915 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107754.D
Acq: 27 Jul 2018 19:01

Tgt Ion:112 Resp: 449188
Ion Ratio Lower Upper
112 100
64 61.8 47.9 71.9
63 31.0 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: 61.338 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107754.D

Acq: 27 Jul 2018 19:01

Instrument :

BNA_F

ClientSampleId :

TP-14-D

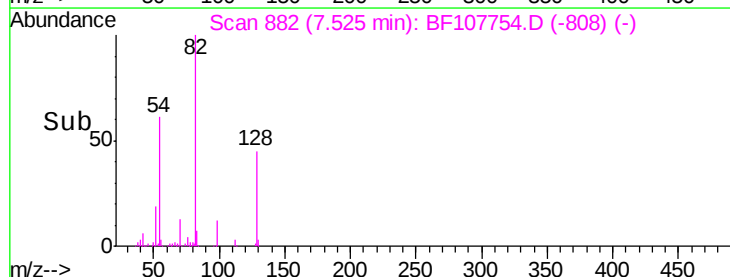
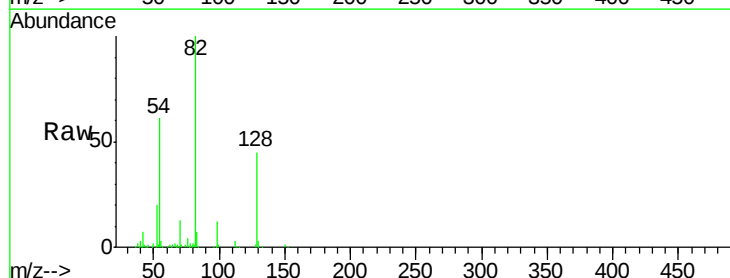
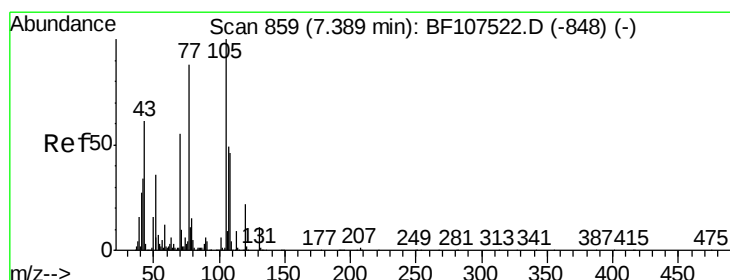
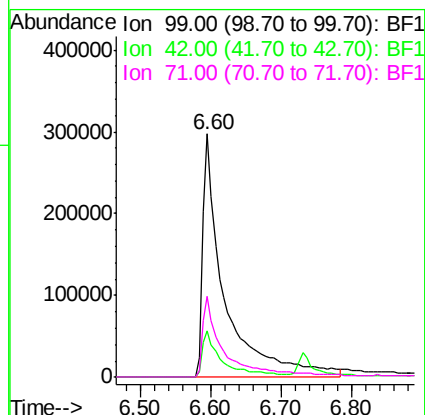
Tgt Ion: 99 Resp: 649776

Ion Ratio Lower Upper

99 100

42 19.2 14.5 21.7

71 33.4 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 6.859 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.14 min

Lab File: BF107754.D

Acq: 27 Jul 2018 19:01

Tgt Ion: 70 Resp: 46941

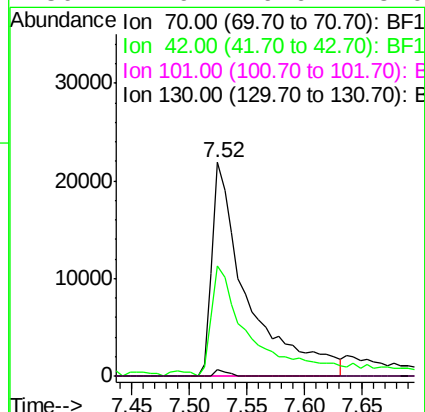
Ion Ratio Lower Upper

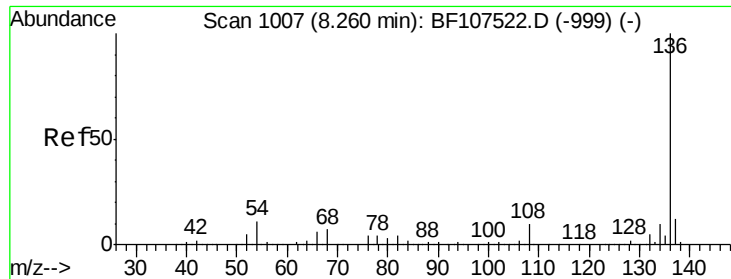
70 100

42 51.7 47.5 71.3

101 0.0 7.4 11.2#

130 2.9 16.6 25.0#

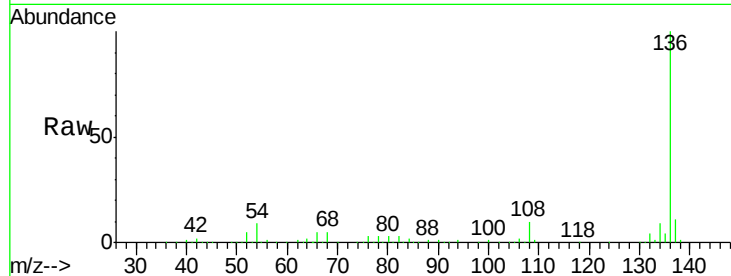




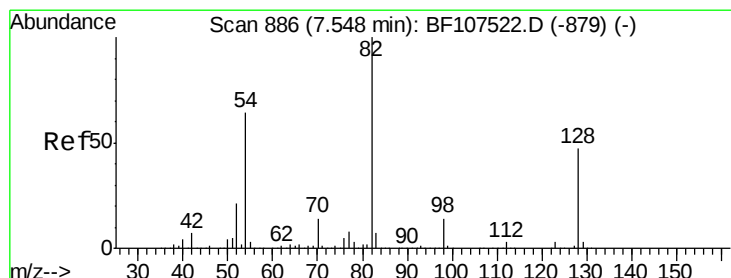
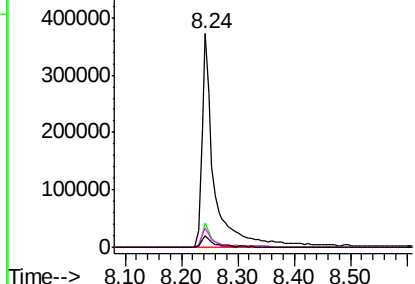
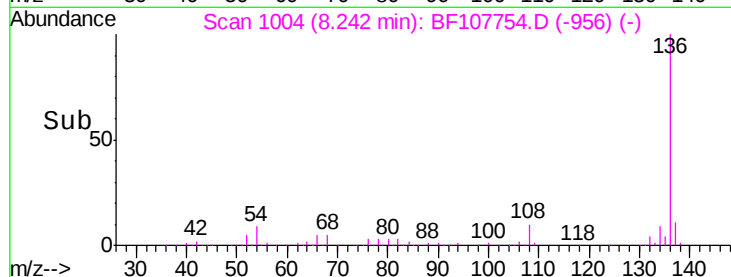
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF107754.D
Acq: 27 Jul 2018 19:01

Instrument :
BNA_F
ClientSampleId :
TP-14-D

Tgt Ion:	136	Resp:	576258
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.0	6.6	9.8
68	5.2	5.0	7.4

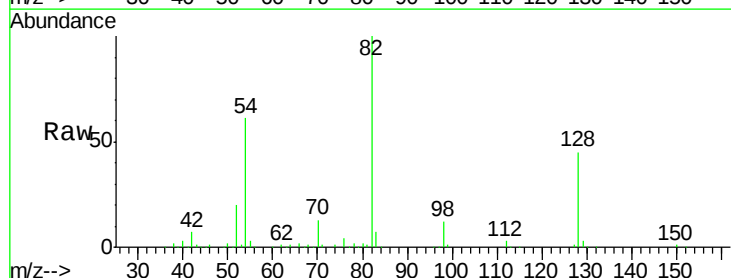


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

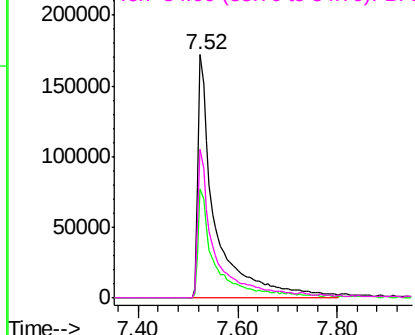
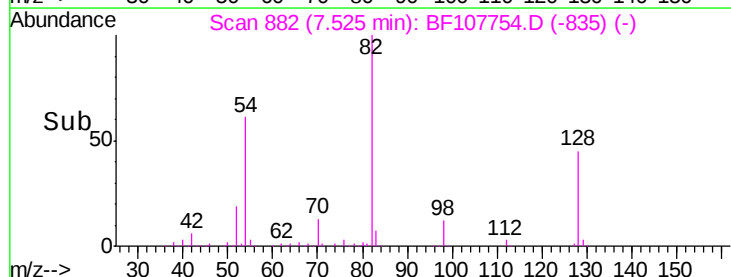


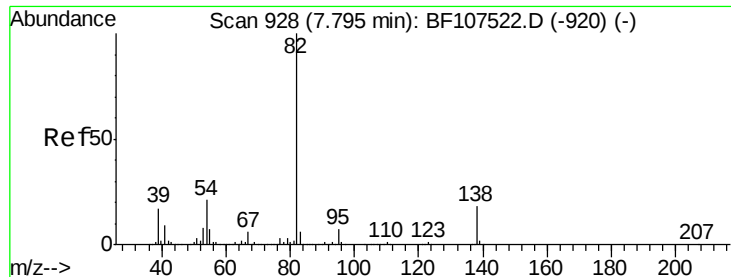
#23
Nitrobenzene-d5
Concen: 49.250 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF107754.D
Acq: 27 Jul 2018 19:01

Tgt Ion:	82	Resp:	420530
Ion	Ratio	Lower	Upper
82	100		
128	44.6	36.1	54.1
54	61.0	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: 23.066 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.27 min

Lab File: BF107754.D

Acq: 27 Jul 2018 19:01

Instrument :

BNA_F

ClientSampleId :

TP-14-D

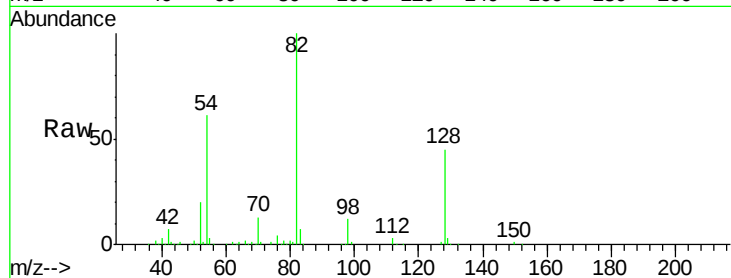
Tgt Ion: 82 Resp: 420530

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

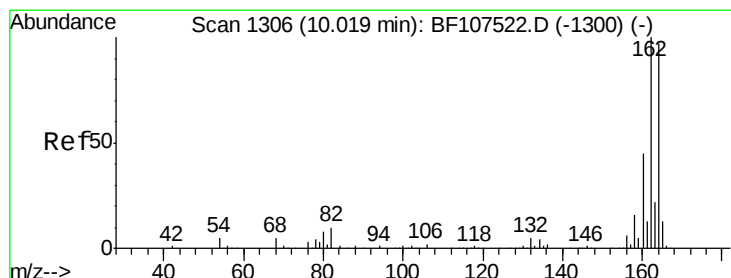
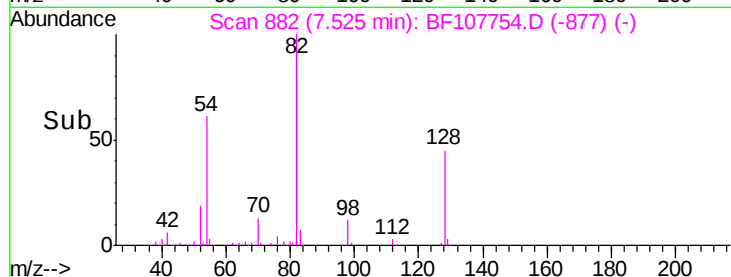
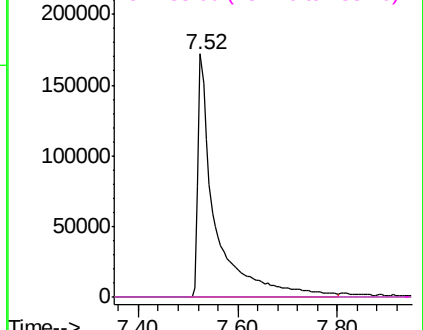
138 0.0 14.9 22.3#



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: BF107754.D

Acq: 27 Jul 2018 19:01

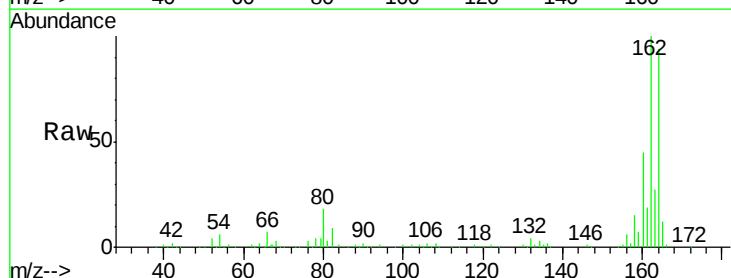
Tgt Ion:164 Resp: 234046

Ion Ratio Lower Upper

164 100

162 106.6 86.1 129.1

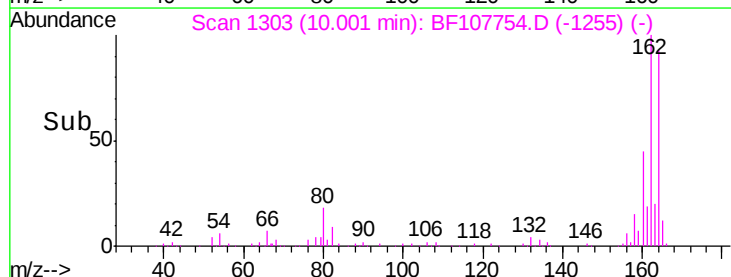
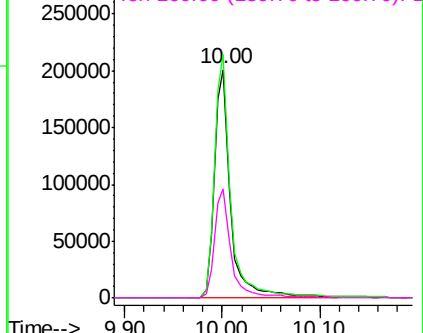
160 47.7 38.3 57.5

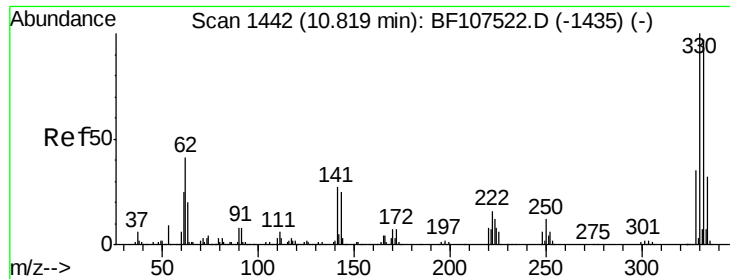


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

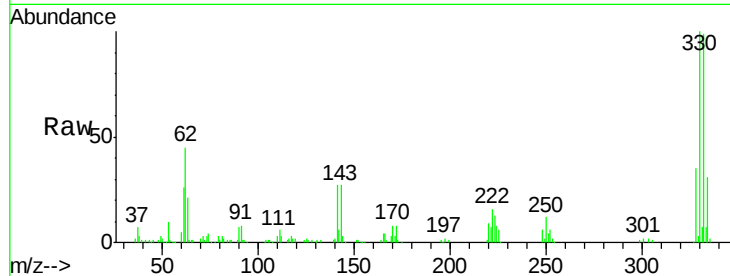




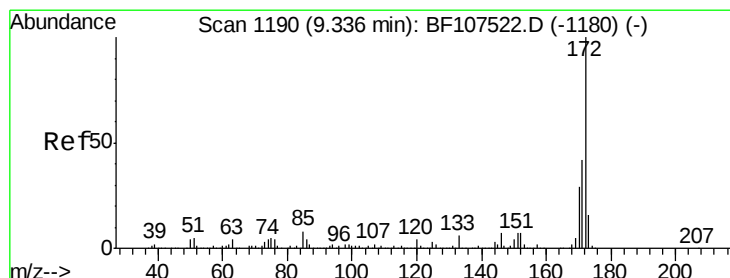
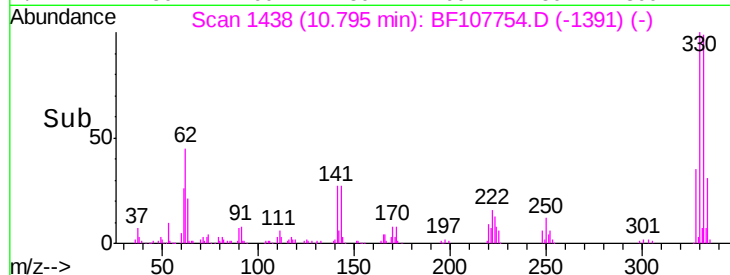
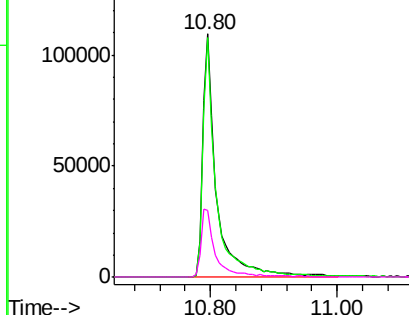
#41
 2,4,6-Tribromophenol
 Concen: 62.172 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.02 min
 Lab File: BF107754.D
 Acq: 27 Jul 2018 19:01

Instrument :
 BNA_F
 ClientSampled :
 TP-14-D

Tgt Ion:330 Resp: 165470
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 29.1 29.9 44.9#

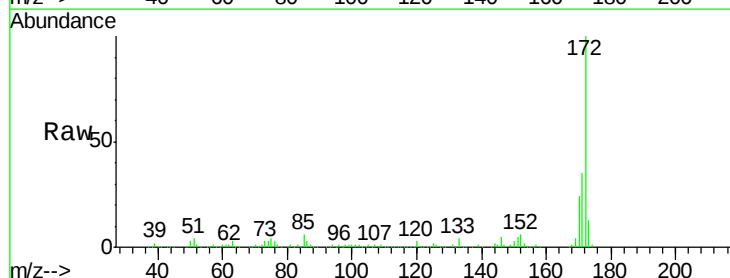


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

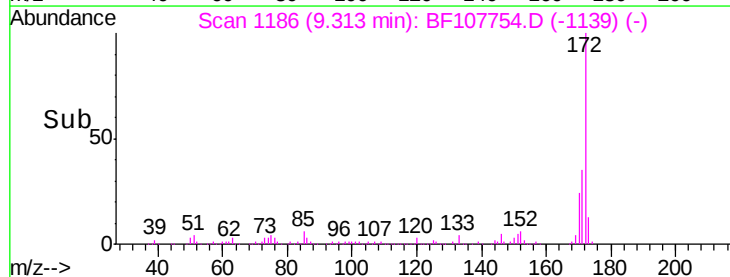
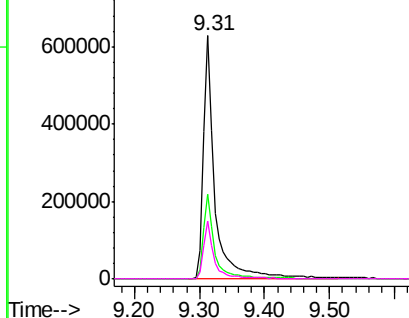


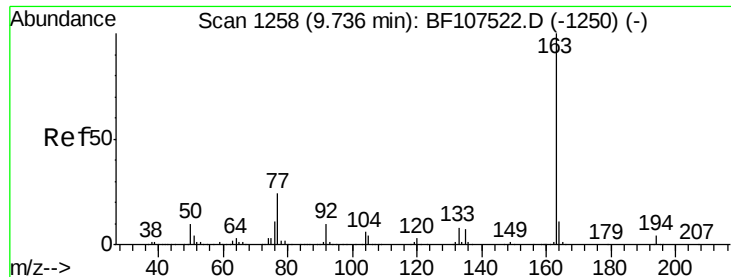
#44
 2-Fluorobiphenyl
 Concen: 51.420 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.02 min
 Lab File: BF107754.D
 Acq: 27 Jul 2018 19:01

Tgt Ion:172 Resp: 789952
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.7 44.5
 170 23.9 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

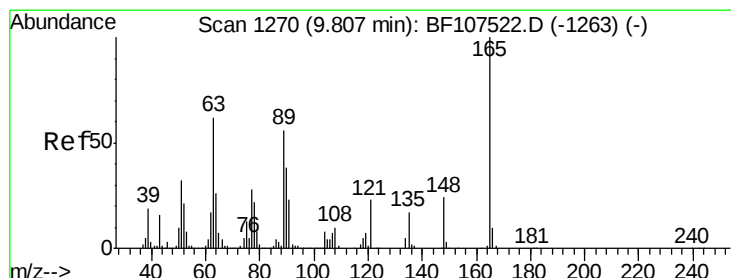
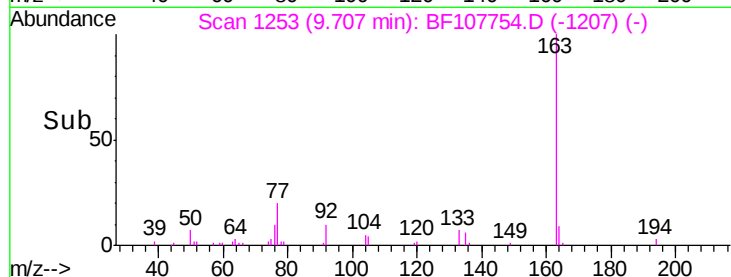
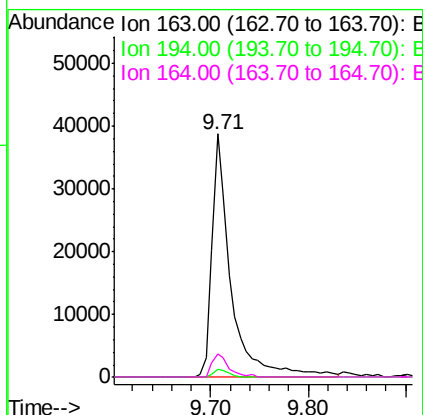
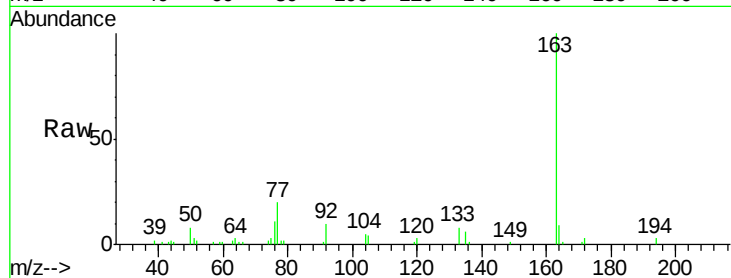




#49
Dimethylphthalate
Concen: 2.989 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.03 min
Lab File: BF107754.D
Acq: 27 Jul 2018 19:01

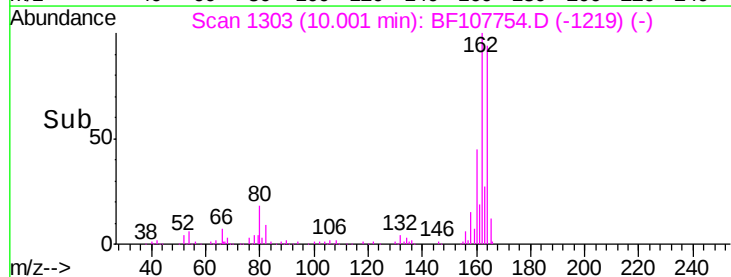
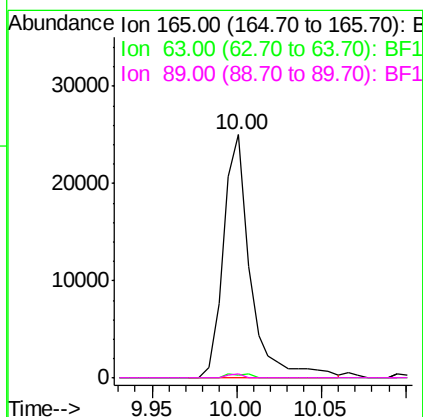
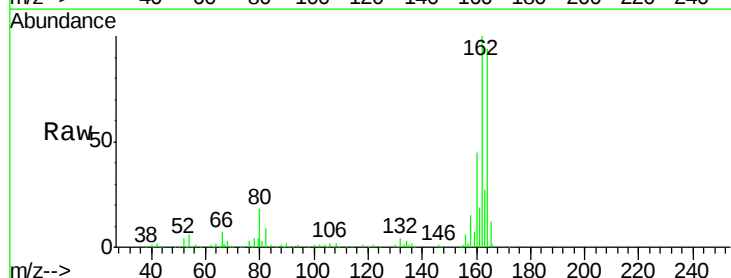
Instrument :
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TP-14-D

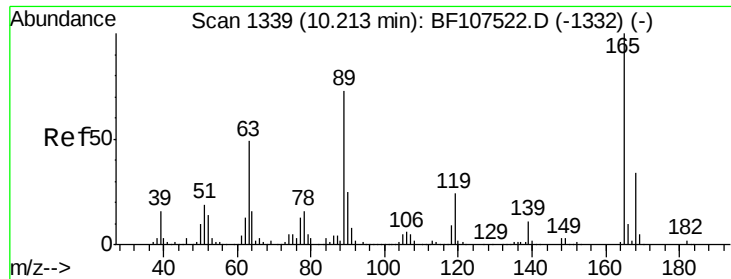
Tgt Ion:163 Resp: 52718
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 9.4 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 7.967 ng
RT: 10.00 min Scan# 1303
Delta R.T. 0.19 min
Lab File: BF107754.D
Acq: 27 Jul 2018 19:01

Tgt Ion:165 Resp: 27900
Ion Ratio Lower Upper
165 100
63 1.4 44.7 67.1#
89 1.7 44.0 66.0#

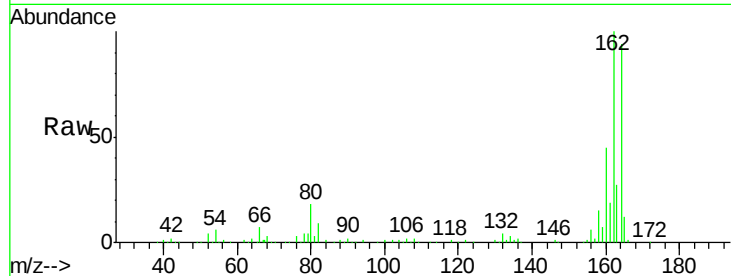




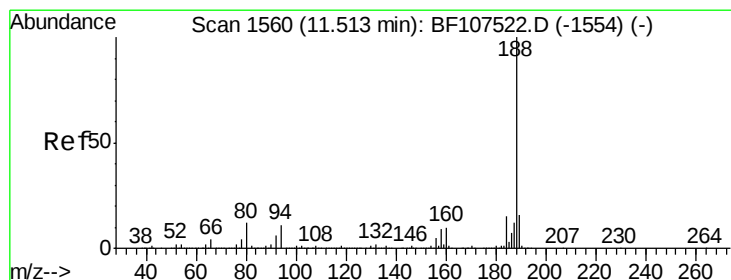
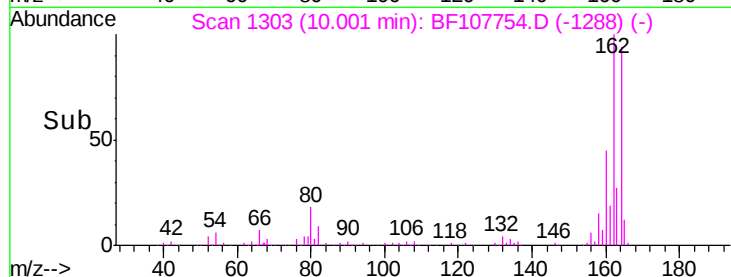
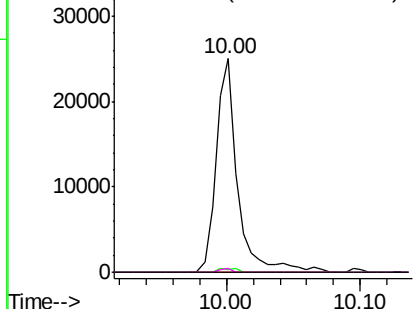
#56
2,4-Dinitrotoluene
Concen: 6.675 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.21 min
Lab File: BF107754.D
Acq: 27 Jul 2018 19:01

Instrument :
BNA_F
ClientSampleId :
TP-14-D

Tgt Ion:165 Resp: 28217
Ion Ratio Lower Upper
165 100
63 1.4 36.4 54.6#
89 1.7 57.8 86.6#
182 0.0 1.6 2.4#

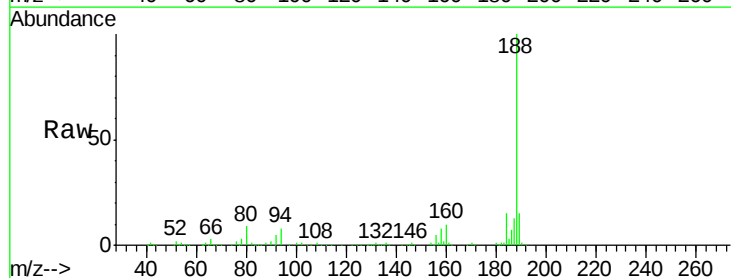


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

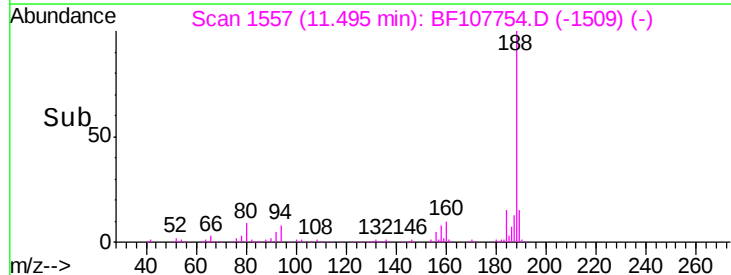
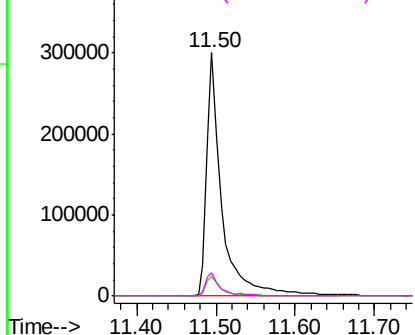


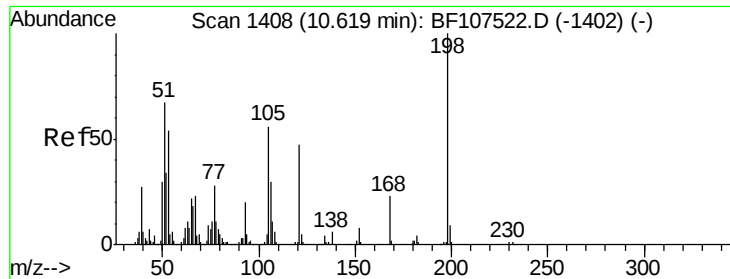
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF107754.D
Acq: 27 Jul 2018 19:01

Tgt Ion:188 Resp: 406426
Ion Ratio Lower Upper
188 100
94 8.2 8.5 12.7#
80 9.4 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

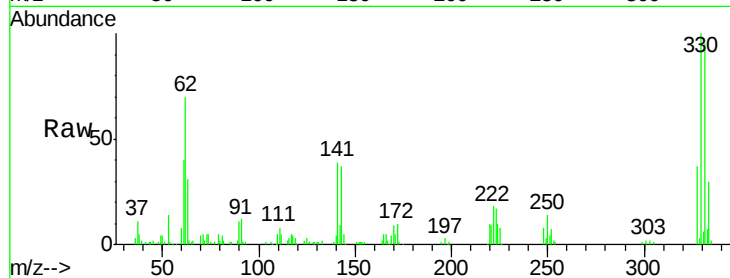




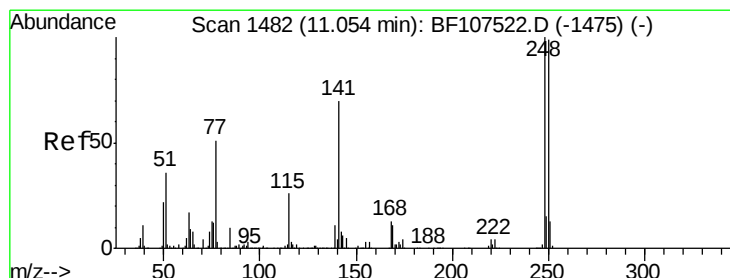
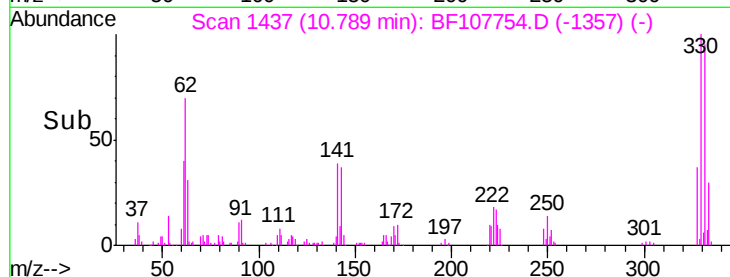
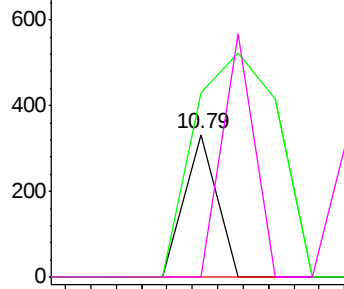
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.730 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. 0.17 min
 Lab File: BF107754.D
 Acq: 27 Jul 2018 19:01

Instrument :
 BNA_F
 ClientSampleId :
 TP-14-D

Tgt Ion:198 Resp: 117
 Ion Ratio Lower Upper
 198 100
 51 129.1 37.7 77.7#
 105 0.0 36.3 76.3#

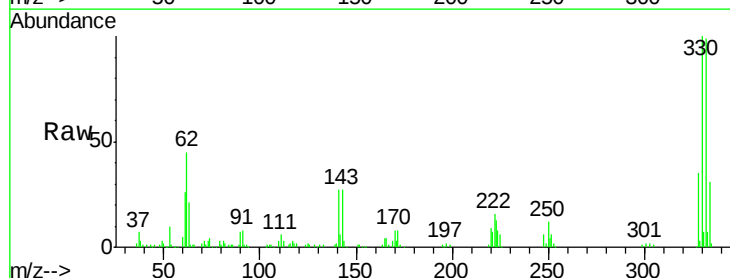


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

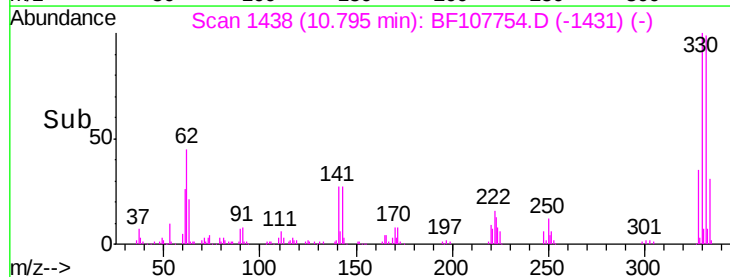
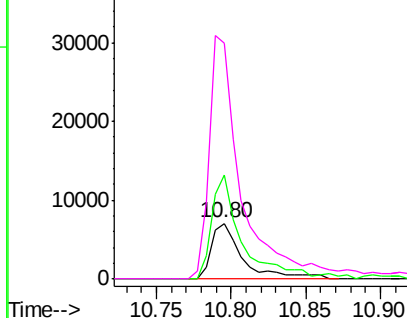


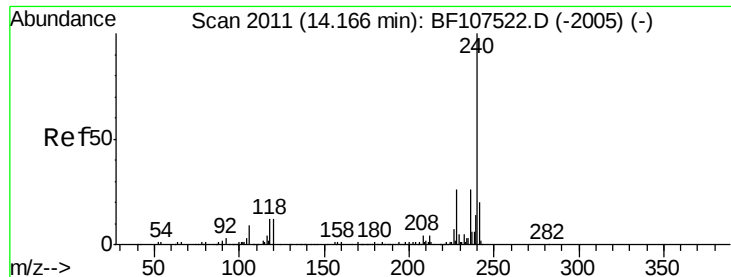
#66
 4-Bromophenyl-phenylether
 Concen: 2.156 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.26 min
 Lab File: BF107754.D
 Acq: 27 Jul 2018 19:01

Tgt Ion:248 Resp: 10313
 Ion Ratio Lower Upper
 248 100
 250 186.0 76.9 115.3#
 141 423.7 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: 14.14 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF107754.D

Acq: 27 Jul 2018 19:01

Instrument :

BNA_F

ClientSampleId :

TP-14-D

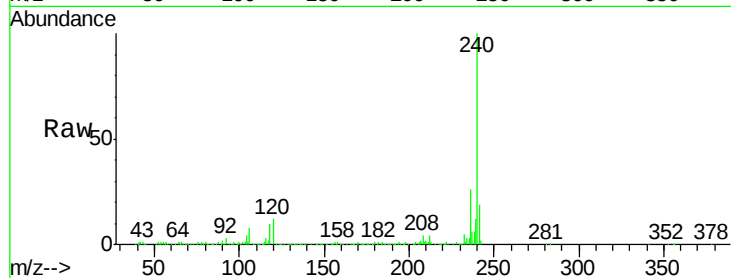
Tgt Ion:240 Resp: 388720

Ion Ratio Lower Upper

240 100

120 11.8 9.5 14.3

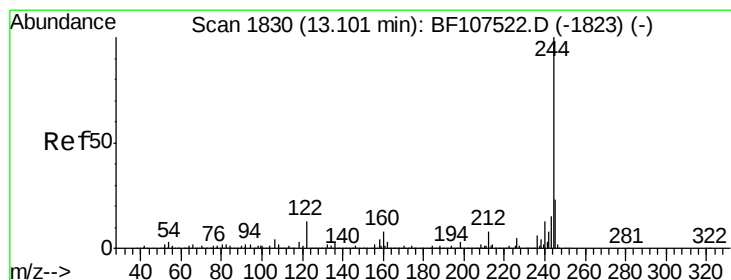
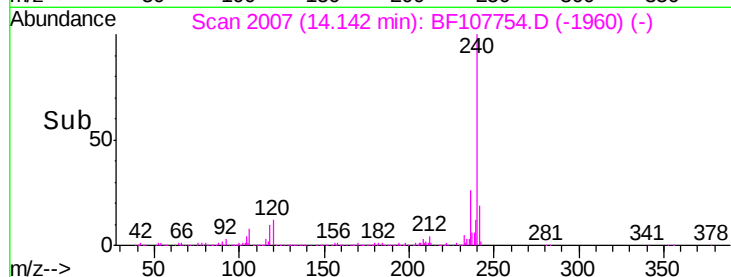
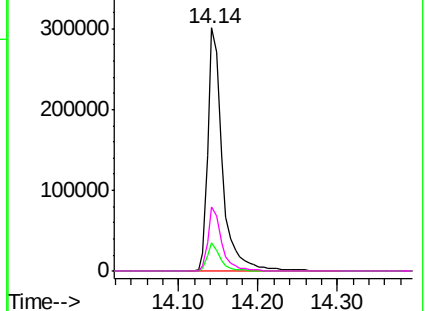
236 26.4 20.7 31.1



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: 42.285 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BF107754.D

Acq: 27 Jul 2018 19:01

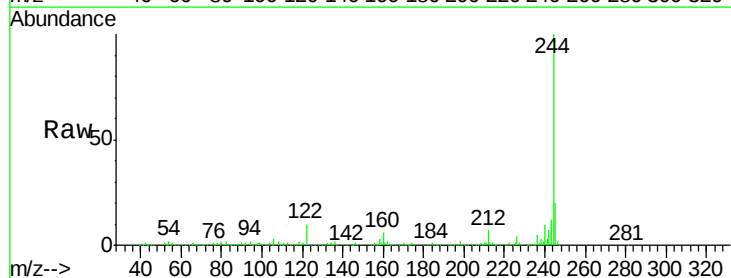
Tgt Ion:244 Resp: 642046

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

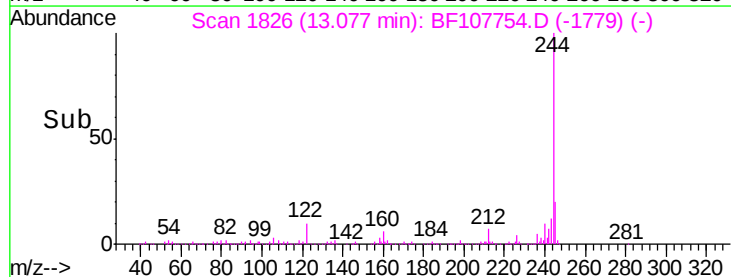
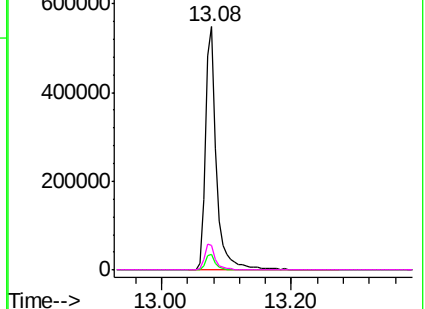
122 10.3 11.0 16.4#

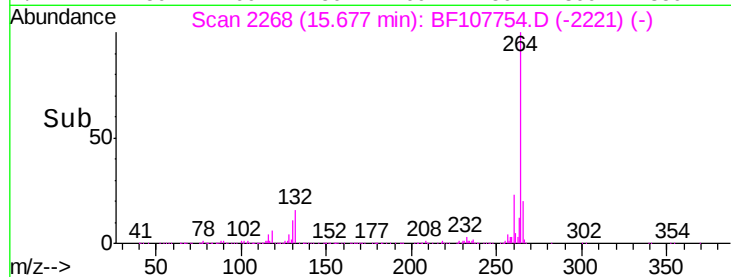
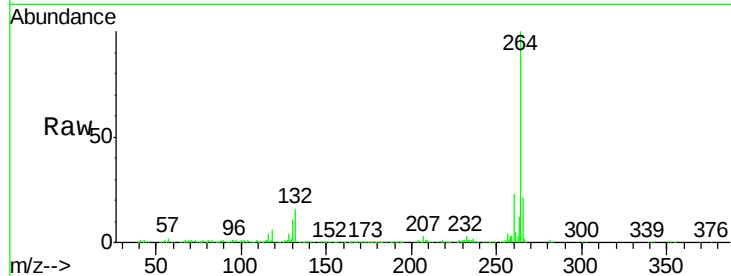
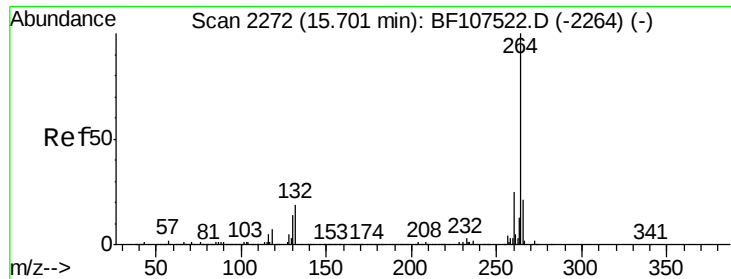


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF107754.D

Acq: 27 Jul 2018 19:01

Instrument :

BNA_F

ClientSampleId :

TP-14-D

Tgt Ion: 264 Resp: 394535

Ion Ratio Lower Upper

264 100

260 22.6 19.2 28.8

265 20.7 17.5 26.3

