

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072718\
 Data File : BF107753.D
 Acq On : 27 Jul 2018 18:34
 Operator : JU/SJ
 Sample : J4189-15
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-14-S

Quant Time: Jul 28 01:16:18 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	157530	20.00	ng	-0.01
21) Naphthalene-d8	8.24	136	654869	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	267086	20.00	ng	-0.02
63) Phenanthrene-d10	11.50	188	469129	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	410001	20.00	ng	-0.02
86) Perylene-d12	15.68	264	414177	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	742433	75.78	ng	-0.01
7) Phenol-d6	6.60	99	1041151	88.50	ng	-0.02
23) Nitrobenzene-d5	7.52	82	657660	67.78	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	256454	84.44	ng	-0.02
44) 2-Fluorobiphenyl	9.31	172	1214842	75.53	ng	-0.02
78) Terphenyl-d14	13.08	244	973707	60.80	ng	-0.02

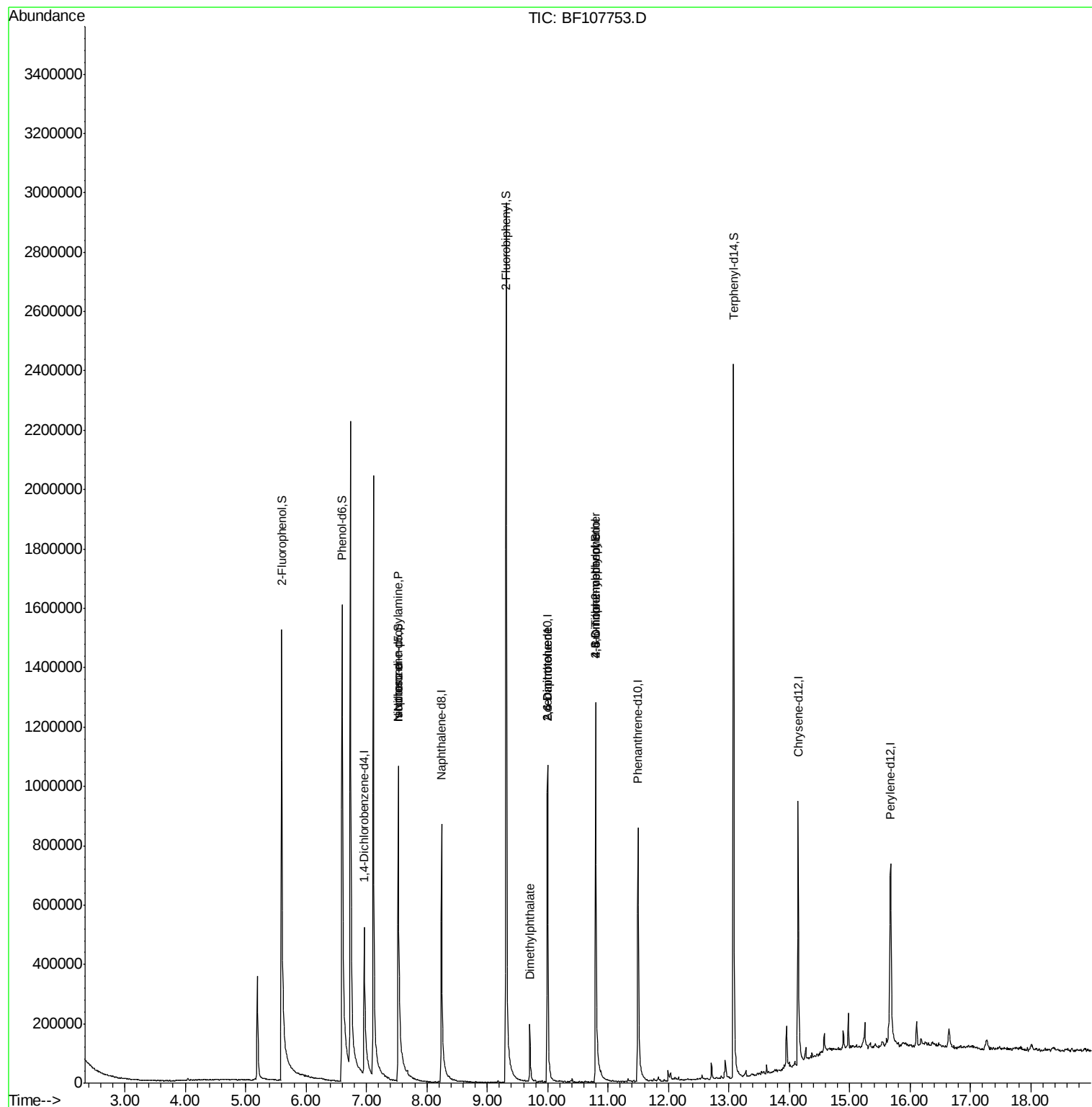
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.52	70	78871	10.378	ng	# 81
25) Isophorone	7.52	82	658618	31.789	ng	# 64
49) Dimethylphthalate	9.71	163	103171	5.125	ng	99
50) 2,6-Dinitrotoluene	10.00	165	32474	8.126	ng	# 25
56) 2,4-Dinitrotoluene	10.00	165	33650	6.975	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.80	198	130	8.728	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	15706	2.844	ng	# 1
73) Di-n-butylphthalate	12.04	149	13044	Below Cal		98
81) 3,3'-Dichlorobenzidine	14.05	252	113	Below Cal		# 27

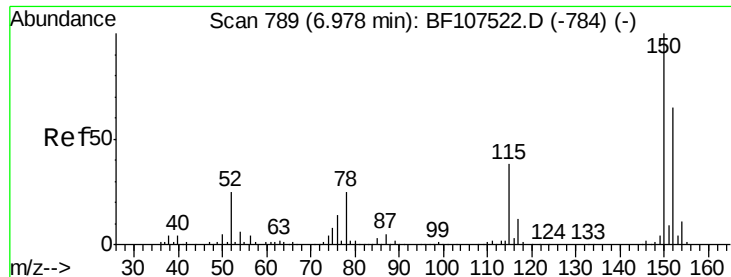
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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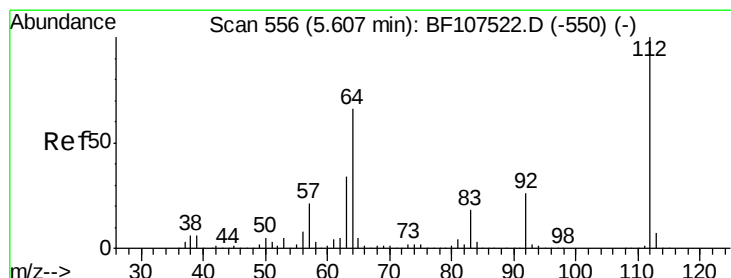
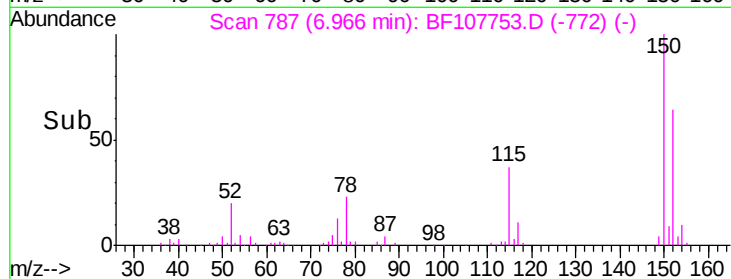
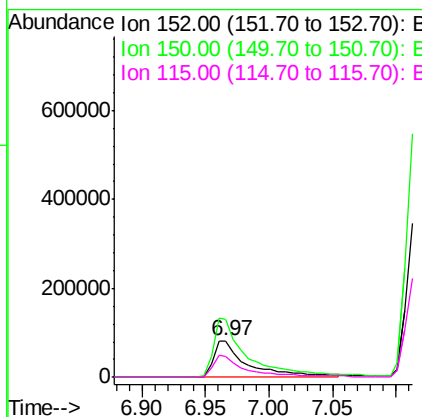
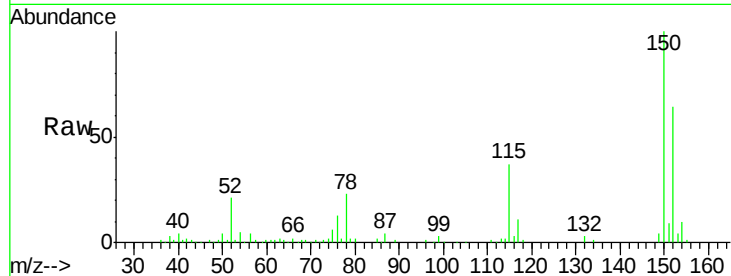


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107753.D
Acq: 27 Jul 2018 18:34

Instrument :
BNA_F
ClientSampleId :
TP-14-S

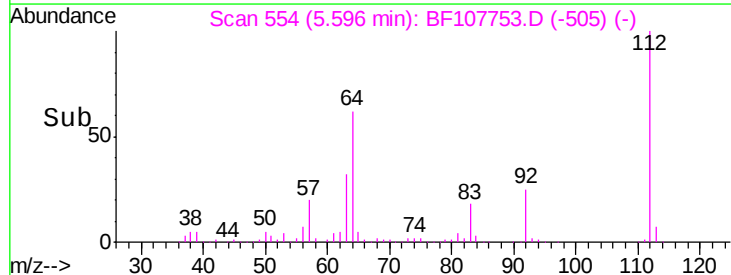
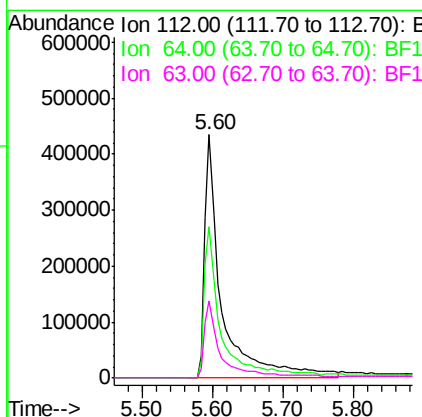
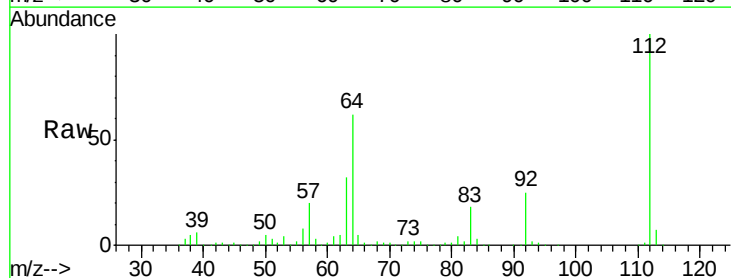
Tgt Ion:152 Resp: 157530
Ion Ratio Lower Upper
152 100
150 156.8 124.6 186.8
115 57.7 50.1 75.1

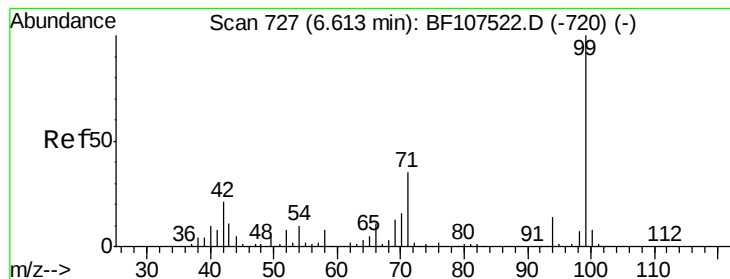


#5

2-Fluorophenol
Concen: 75.775 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107753.D
Acq: 27 Jul 2018 18:34

Tgt Ion:112 Resp: 742433
Ion Ratio Lower Upper
112 100
64 62.0 47.9 71.9
63 31.9 23.7 35.5





#7

Phenol-d6

Concen: 88.499 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107753.D

Acq: 27 Jul 2018 18:34

Instrument :

BNA_F

ClientSampleId :

TP-14-S

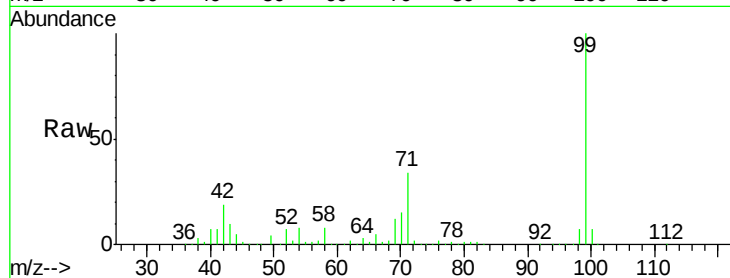
Tgt Ion: 99 Resp: 1041151

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

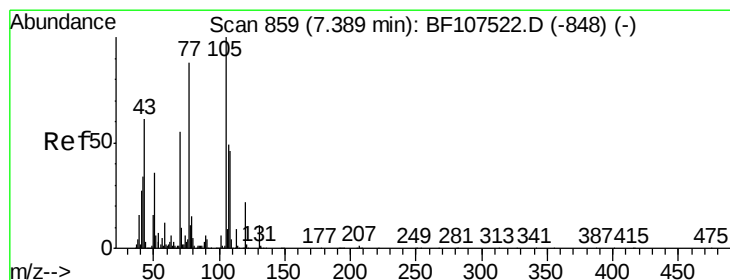
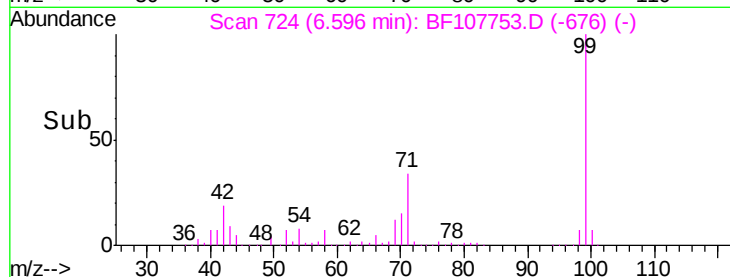
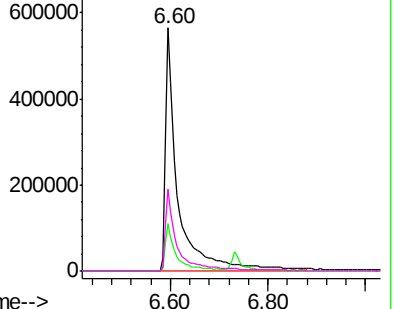
71 33.8 25.4 38.0



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: 10.378 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.14 min

Lab File: BF107753.D

Acq: 27 Jul 2018 18:34

Tgt Ion: 70 Resp: 78871

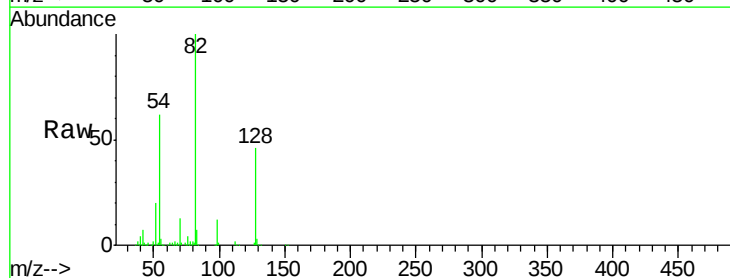
Ion Ratio Lower Upper

70 100

42 51.0 47.5 71.3

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

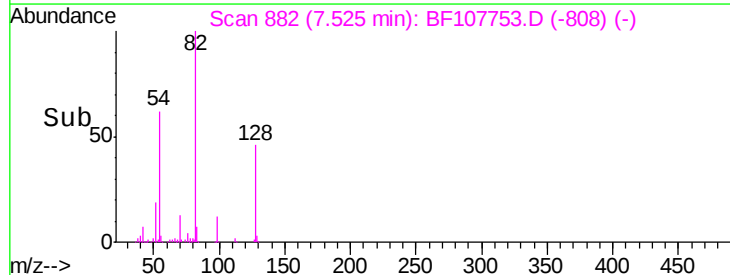
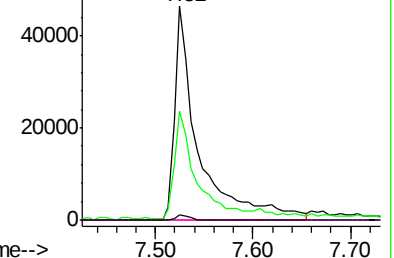


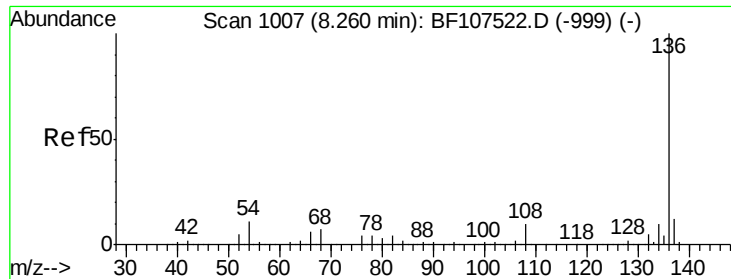
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

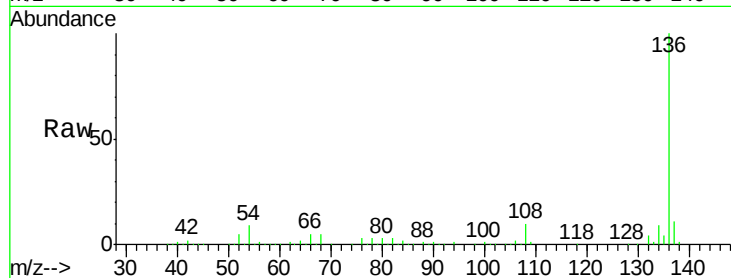




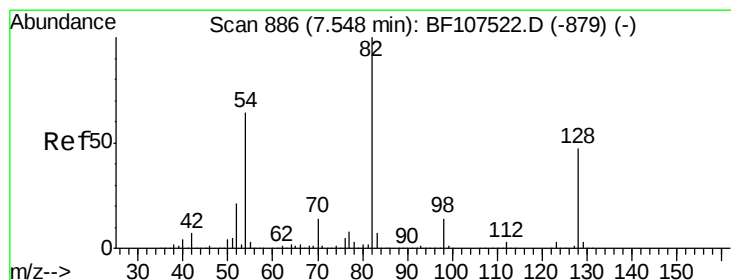
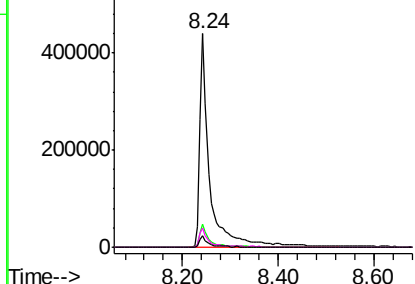
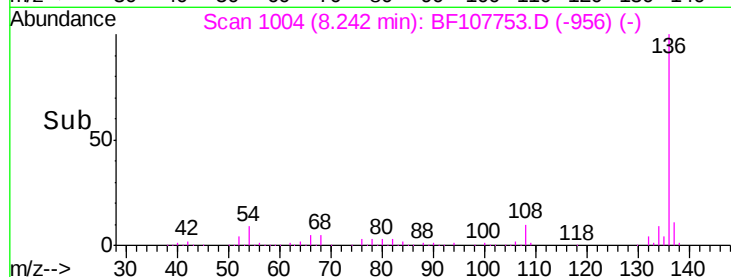
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF107753.D
Acq: 27 Jul 2018 18:34

Instrument :
BNA_F
ClientSampleId :
TP-14-S

Tgt Ion:	136	Resp:	654869
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.2	6.6	9.8
68	5.2	5.0	7.4

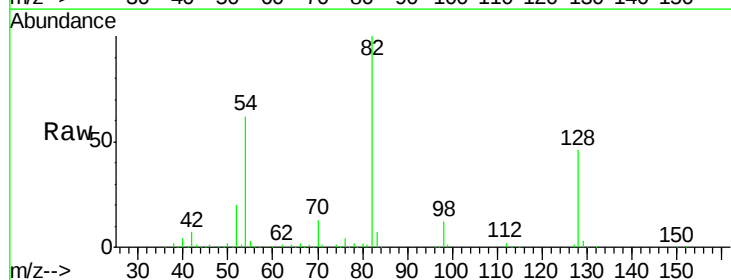


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

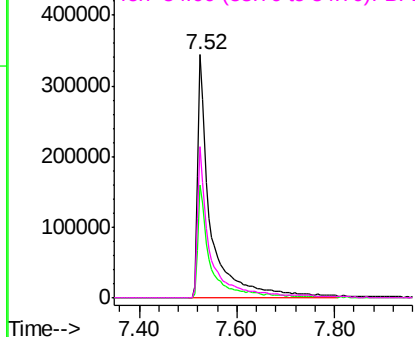
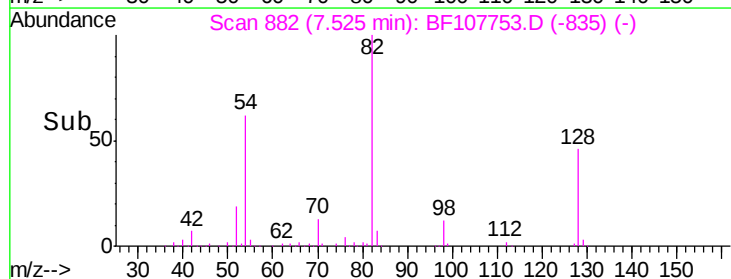


#23
Nitrobenzene-d5
Concen: 67.775 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF107753.D
Acq: 27 Jul 2018 18:34

Tgt Ion:	82	Resp:	657660
Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.1	54.1
54	62.3	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: 31.789 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.27 min

Lab File: BF107753.D

Acq: 27 Jul 2018 18:34

Instrument :

BNA_F

ClientSampleId :

TP-14-S

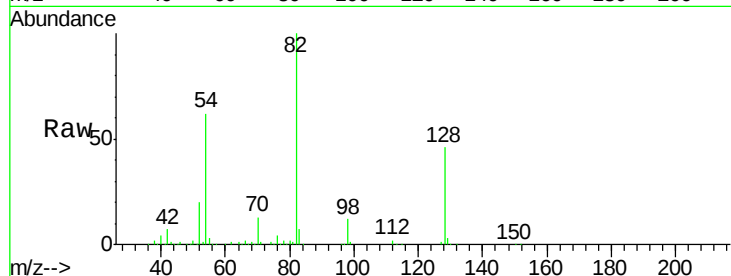
Tgt Ion: 82 Resp: 658618

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

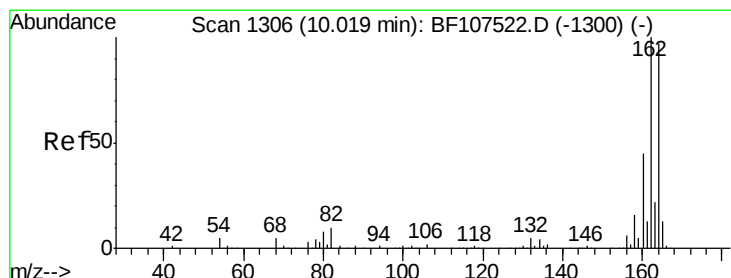
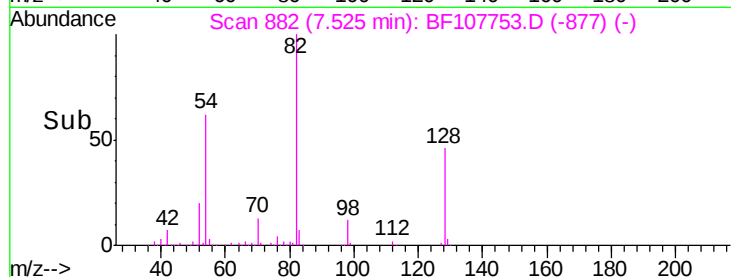
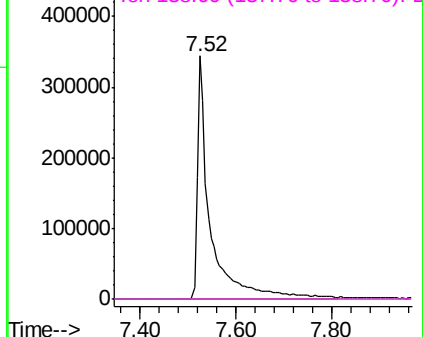
138 0.0 14.9 22.3#



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: BF107753.D

Acq: 27 Jul 2018 18:34

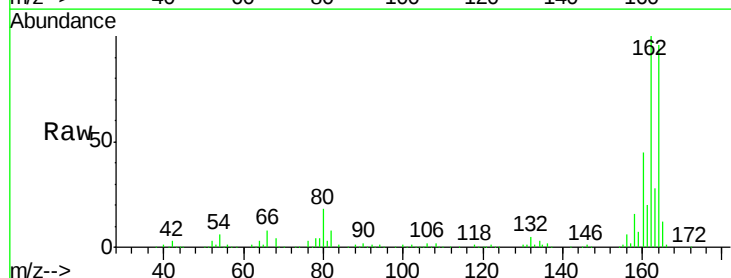
Tgt Ion: 164 Resp: 267086

Ion Ratio Lower Upper

164 100

162 104.3 86.1 129.1

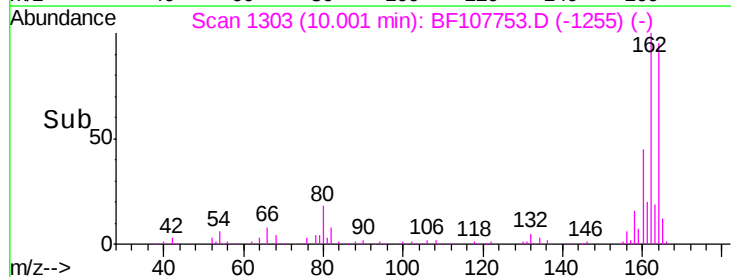
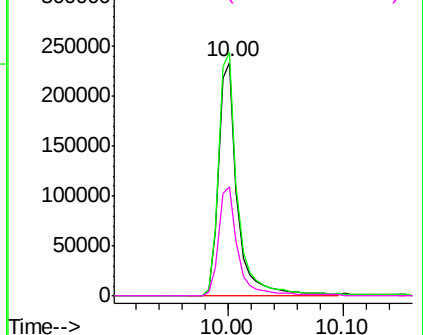
160 46.9 38.3 57.5

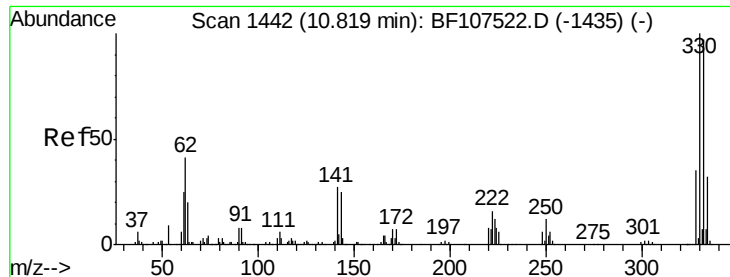


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

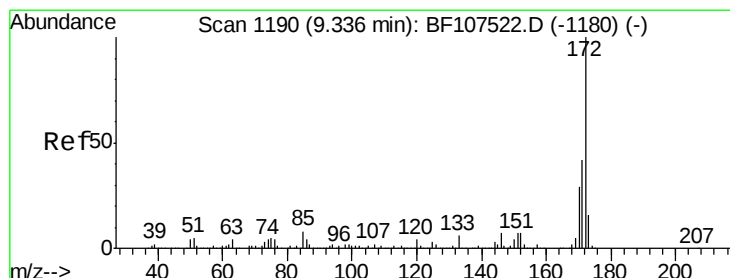
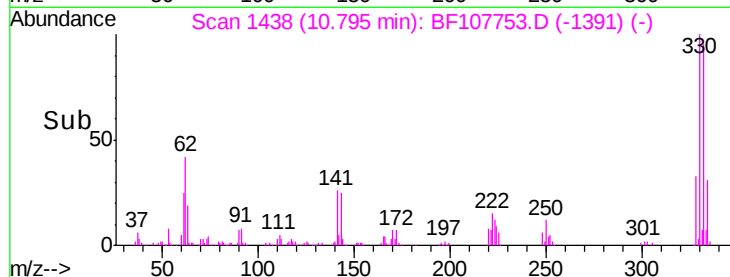
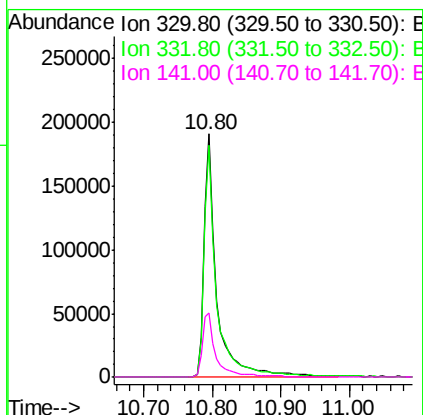
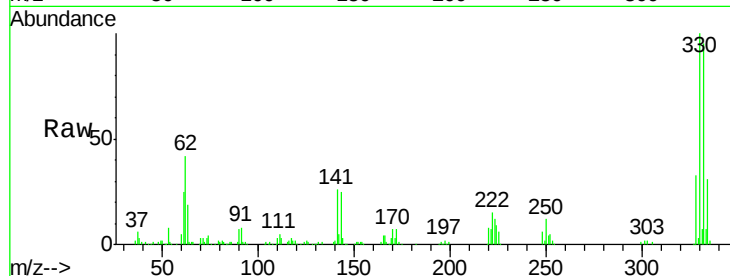




#41
 2,4,6-Tribromophenol
 Concen: 84.438 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.02 min
 Lab File: BF107753.D
 Acq: 27 Jul 2018 18:34

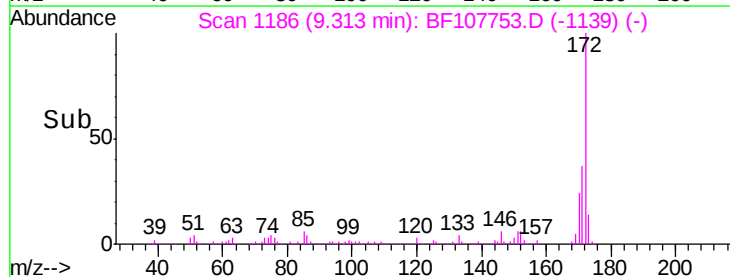
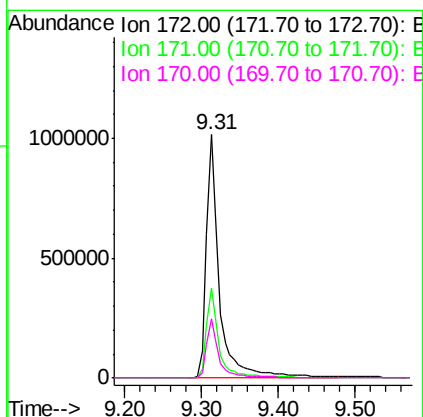
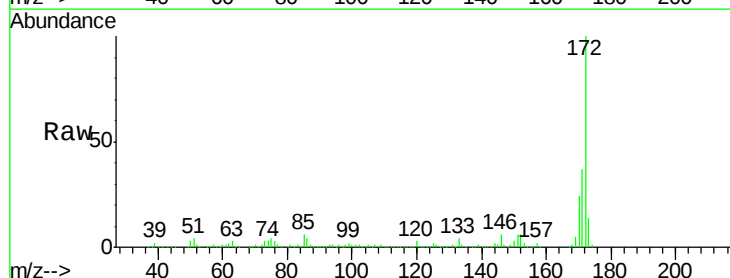
Instrument :
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 TP-14-S

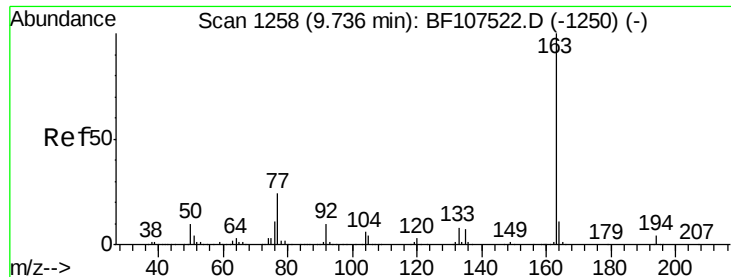
Tgt Ion:330 Resp: 256454
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 28.6 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 75.534 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.02 min
 Lab File: BF107753.D
 Acq: 27 Jul 2018 18:34

Tgt Ion:172 Resp: 1214842
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.7 44.5
 170 24.5 19.6 29.4

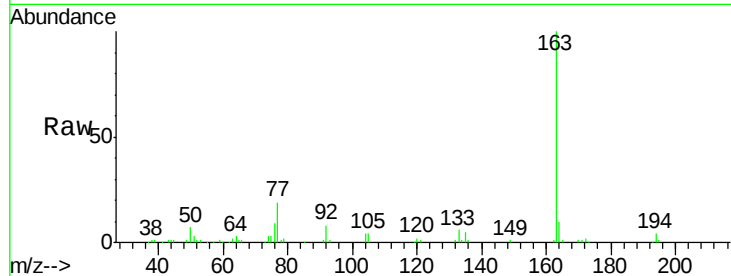




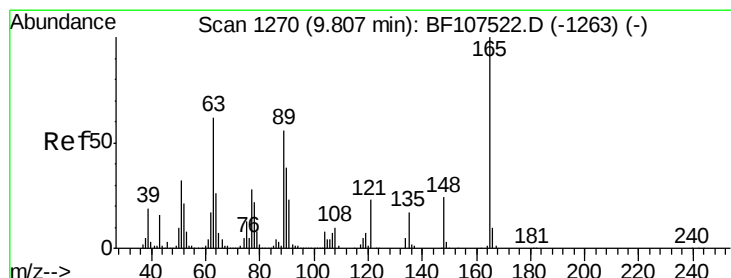
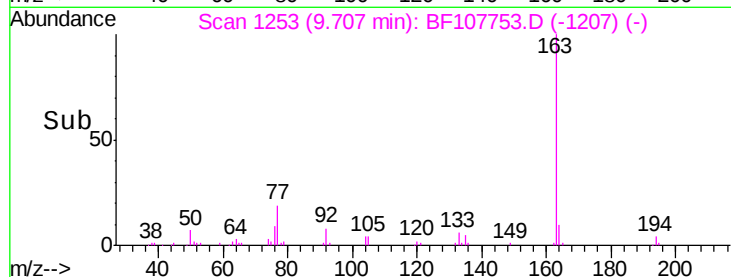
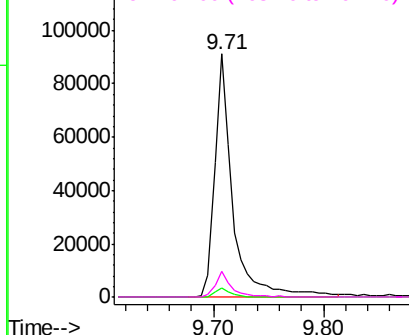
#49
Dimethylphthalate
Concen: 5.125 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.03 min
Lab File: BF107753.D
Acq: 27 Jul 2018 18:34

Instrument :
BNA_F
ClientSampleId :
TP-14-S

Tgt Ion:163 Resp: 103171
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.5 8.2 12.2

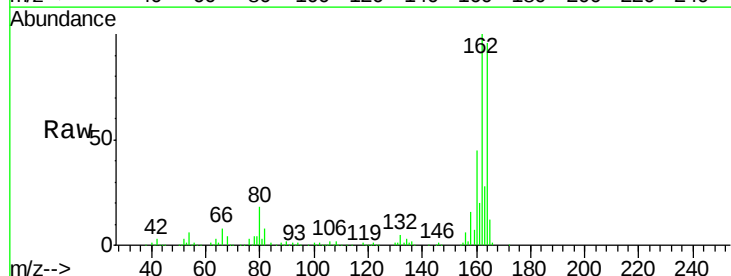


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

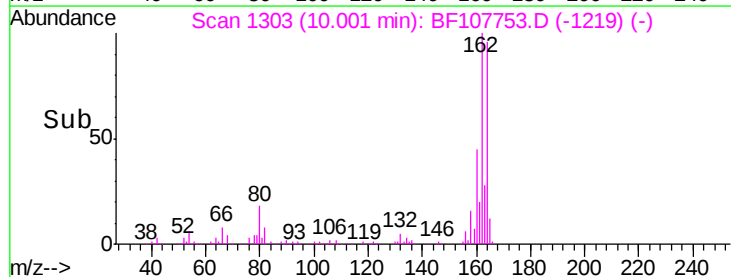
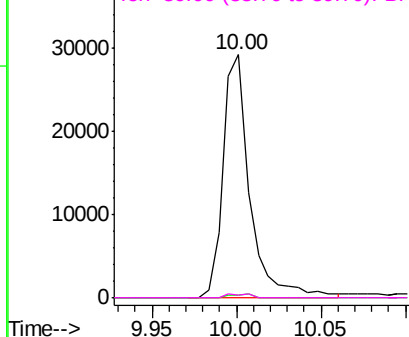


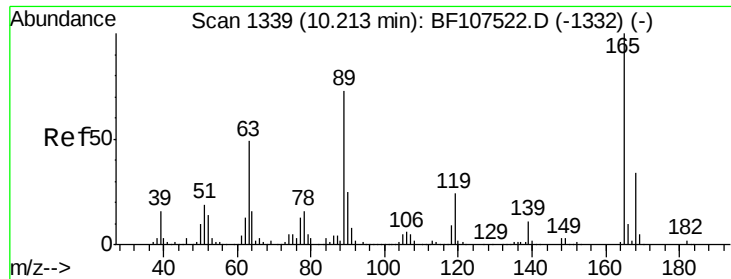
#50
2,6-Dinitrotoluene
Concen: 8.126 ng
RT: 10.00 min Scan# 1303
Delta R.T. 0.19 min
Lab File: BF107753.D
Acq: 27 Jul 2018 18:34

Tgt Ion:165 Resp: 32474
Ion Ratio Lower Upper
165 100
63 1.2 44.7 67.1#
89 1.2 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

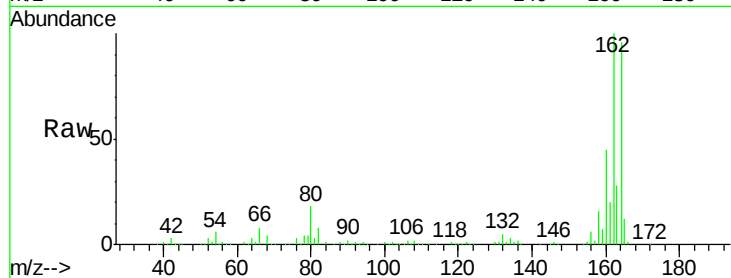




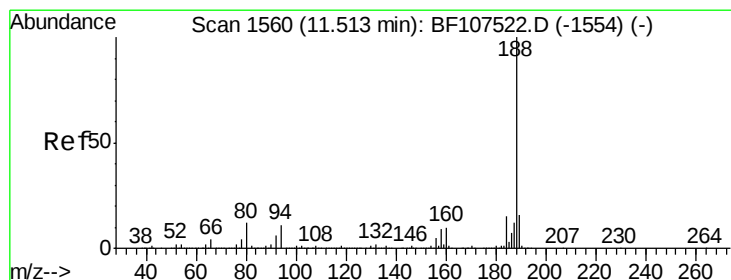
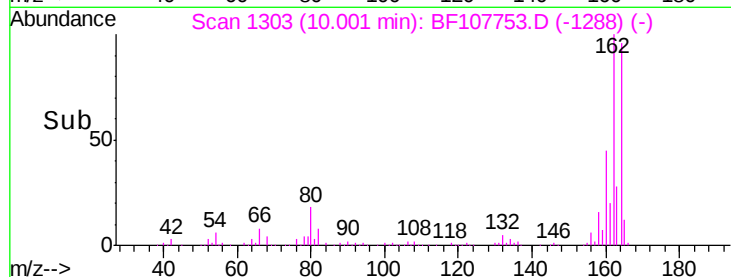
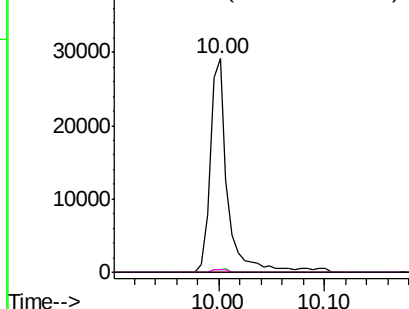
#56
2,4-Dinitrotoluene
Concen: 6.975 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.21 min
Lab File: BF107753.D
Acq: 27 Jul 2018 18:34

Instrument :
BNA_F
ClientSampleId :
TP-14-S

Tgt Ion:165 Resp: 33650
Ion Ratio Lower Upper
165 100
63 1.2 36.4 54.6#
89 1.2 57.8 86.6#
182 0.0 1.6 2.4#

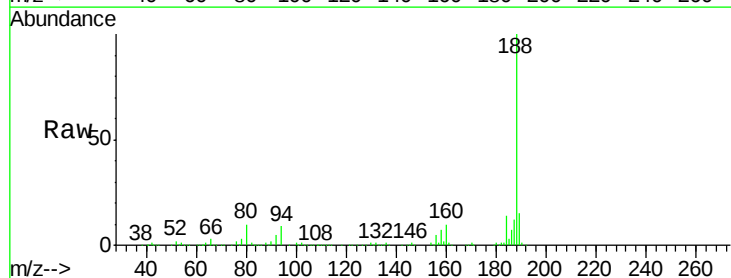


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

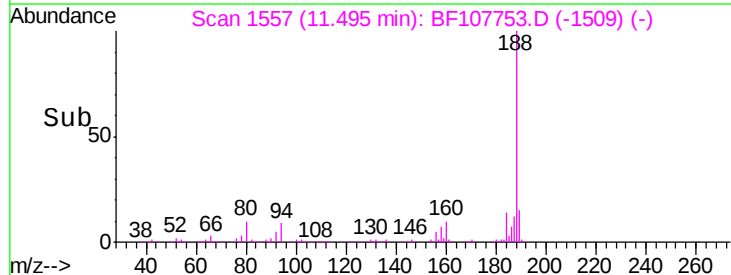
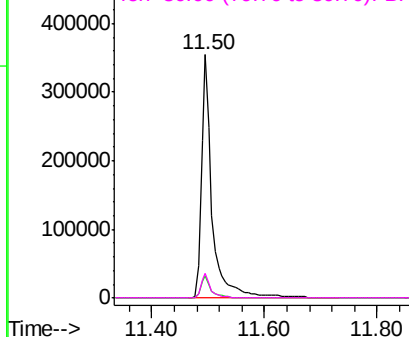


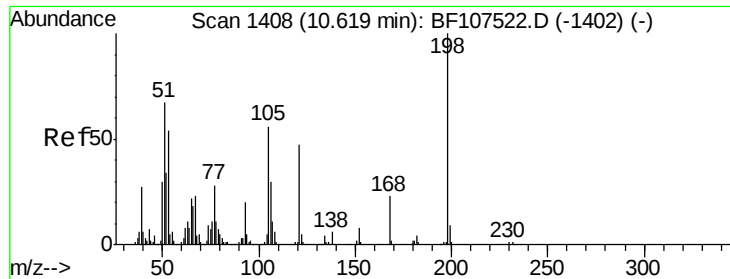
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF107753.D
Acq: 27 Jul 2018 18:34

Tgt Ion:188 Resp: 469129
Ion Ratio Lower Upper
188 100
94 9.1 8.5 12.7
80 9.9 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

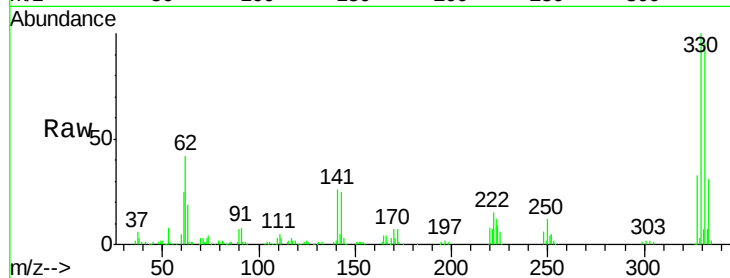




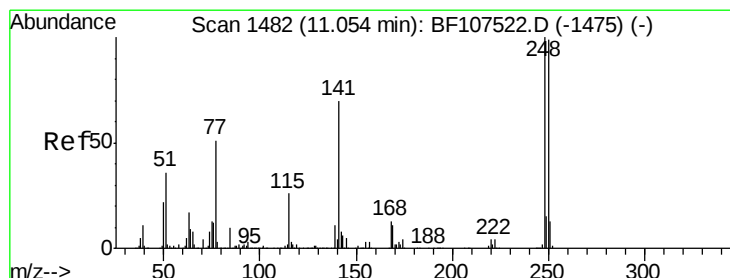
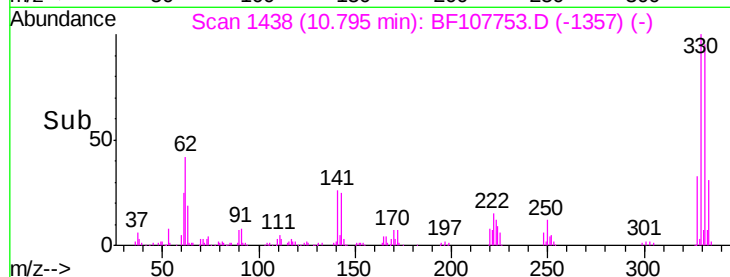
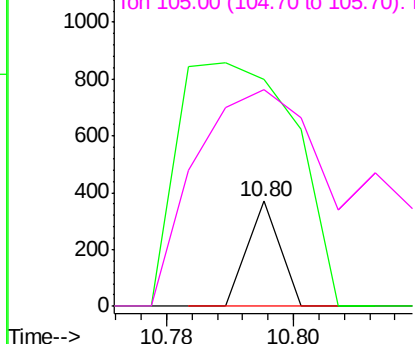
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.728 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. 0.18 min
 Lab File: BF107753.D
 Acq: 27 Jul 2018 18:34

Instrument :
 BNA_F
 ClientSampleId :
 TP-14-S

Tgt Ion:198 Resp: 130
 Ion Ratio Lower Upper
 198 100
 51 216.5 37.7 77.7#
 105 207.0 36.3 76.3#

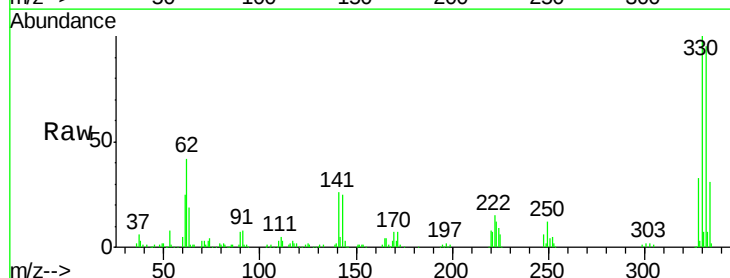


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

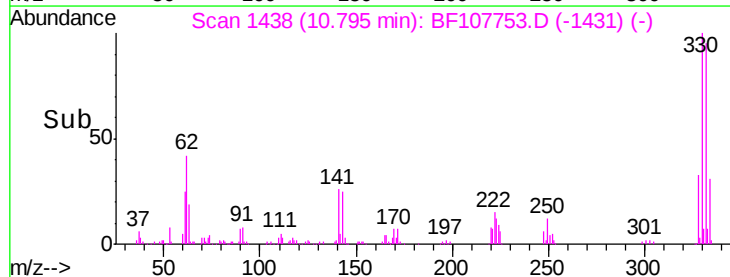
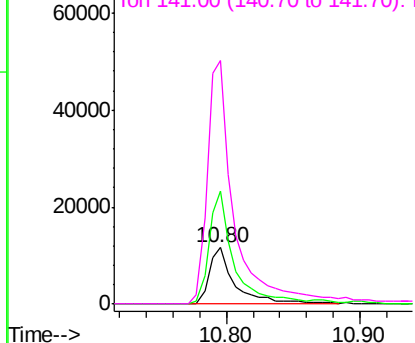


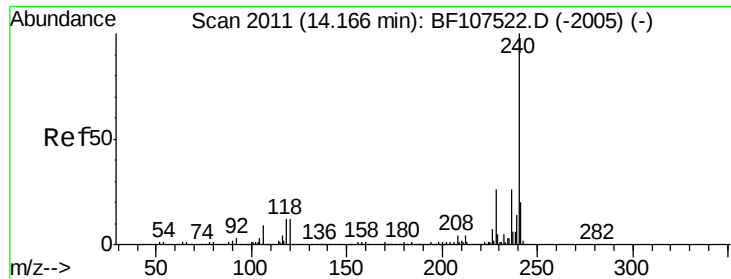
#66
 4-Bromophenyl-phenylether
 Concen: 2.844 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.26 min
 Lab File: BF107753.D
 Acq: 27 Jul 2018 18:34

Tgt Ion:248 Resp: 15706
 Ion Ratio Lower Upper
 248 100
 250 201.5 76.9 115.3#
 141 432.9 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: BF107753.D

Acq: 27 Jul 2018 18:34

Instrument :

BNA_F

ClientSampleId :

TP-14-S

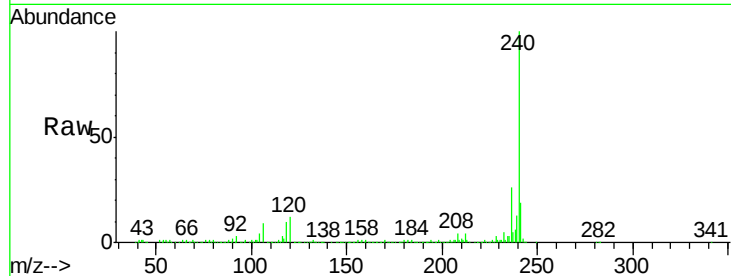
Tgt Ion:240 Resp: 410001

Ion Ratio Lower Upper

240 100

120 12.5 9.5 14.3

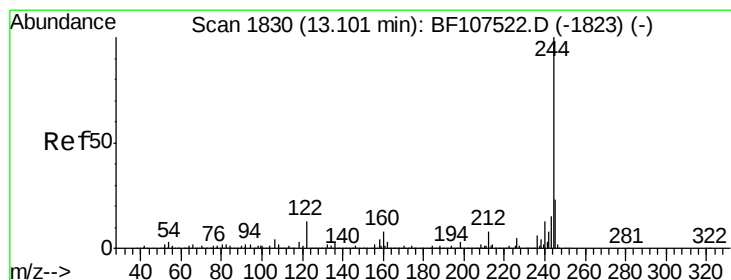
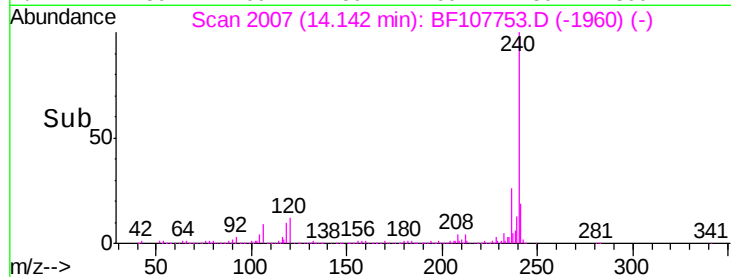
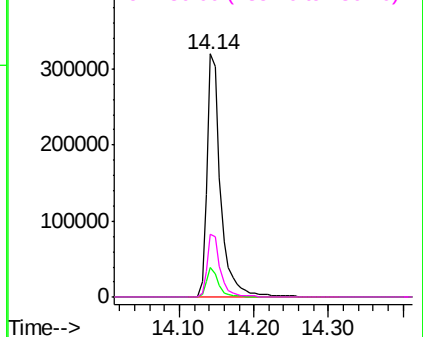
236 25.7 20.7 31.1



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: 60.799 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BF107753.D

Acq: 27 Jul 2018 18:34

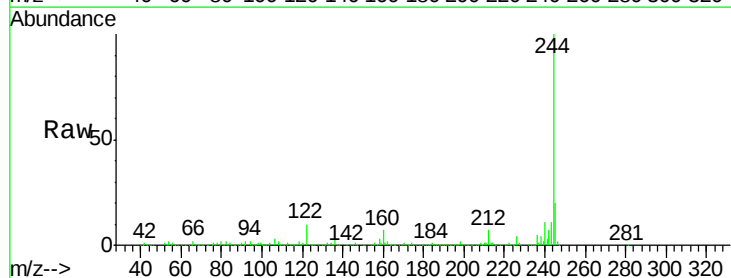
Tgt Ion:244 Resp: 973707

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

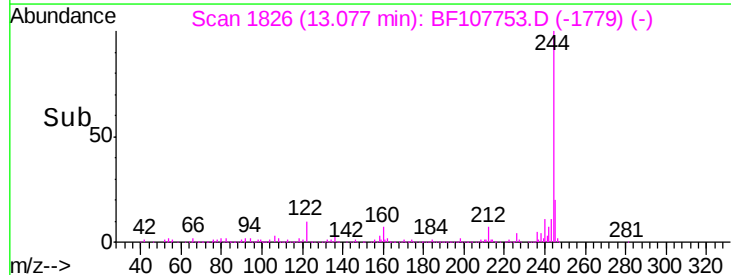
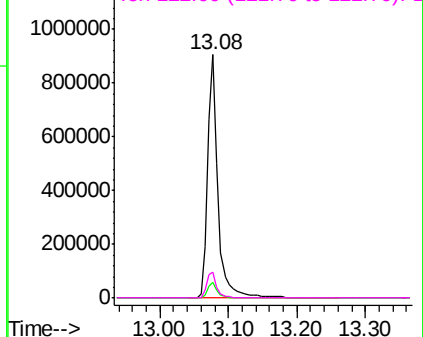
122 10.5 11.0 16.4#

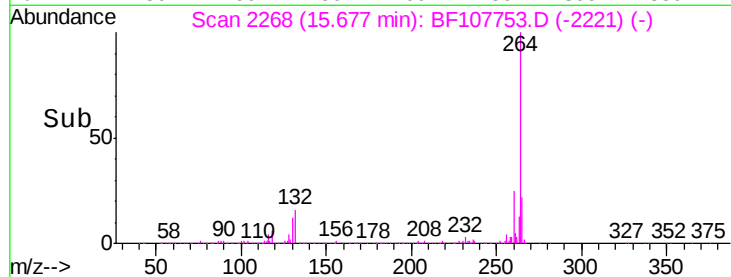
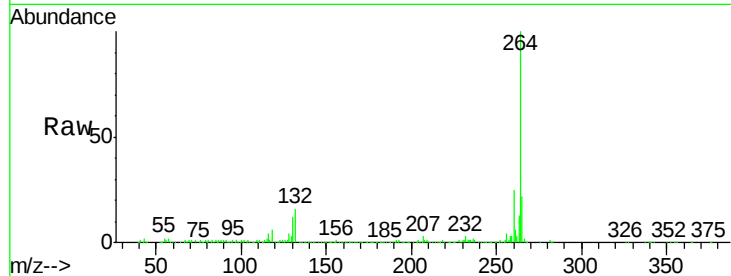
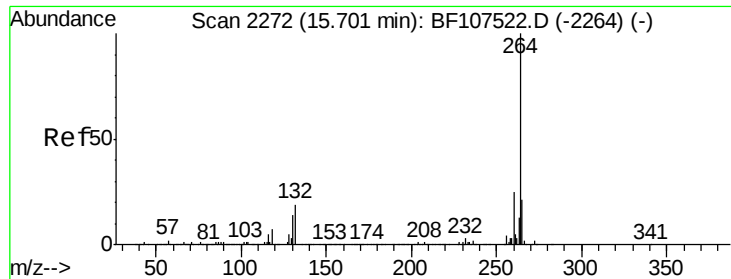


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.68 min Scan# 2268

Delta R.T. -0.02 min

Lab File: BF107753.D

Acq: 27 Jul 2018 18:34

Instrument :

BNA_F

ClientSampleId :

TP-14-S

Tgt Ion: 264 Resp: 414177

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

265 21.9 17.5 26.3

