

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072018\
 Data File : BF107572.D
 Acq On : 21 Jul 2018 13:22
 Operator : JU/SJ
 Sample : J4094-05
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 071818-DBRI-E-U-M

Quant Time: Jul 23 03:28:54 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

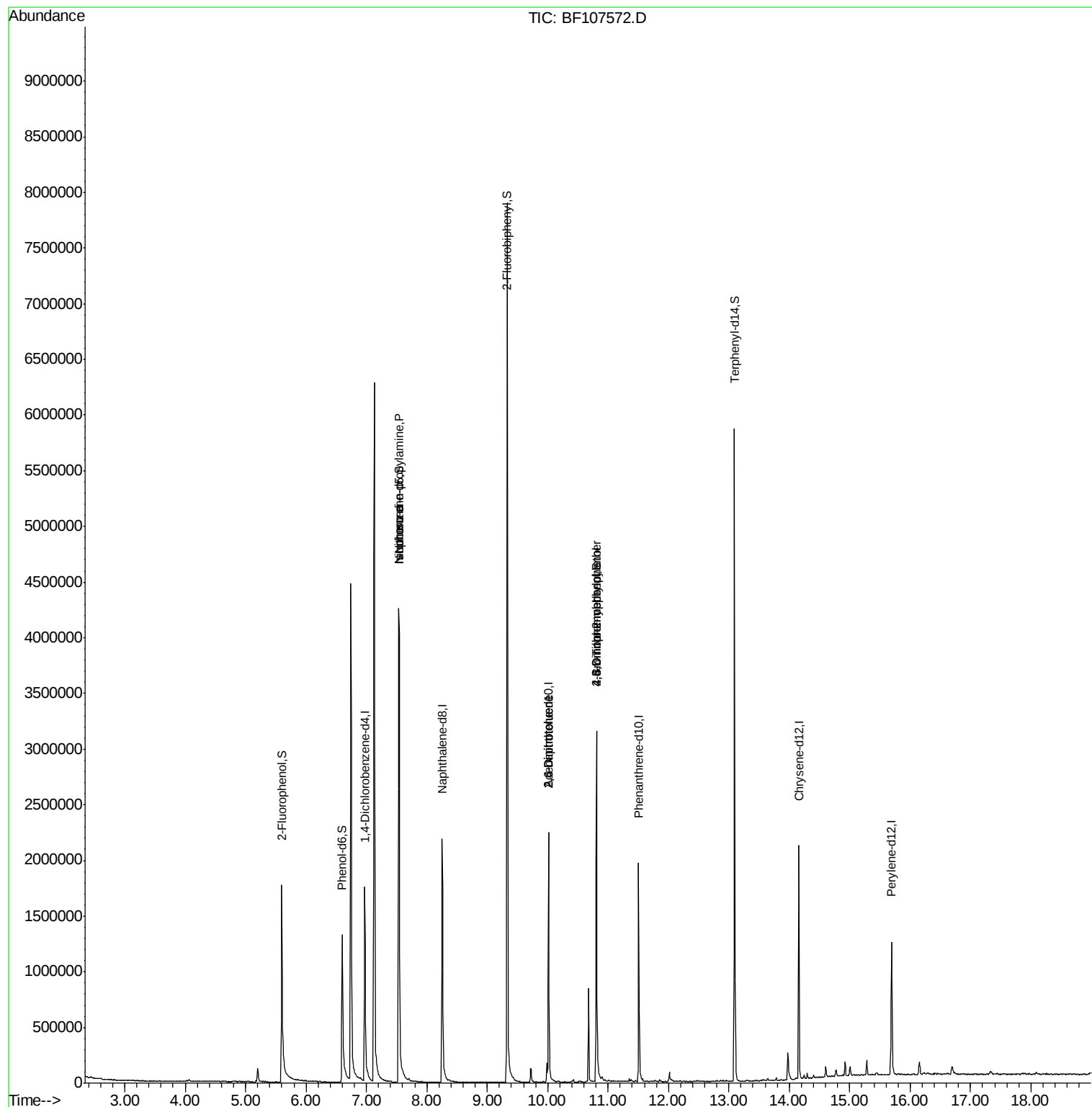
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	325427	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	1231910	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	497968	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	840180	20.00	ng	0.00
75) Chrysene-d12	14.16	240	725409	20.00	ng	0.00
86) Perylene-d12	15.69	264	577970	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	819911	40.51	ng	0.00
7) Phenol-d6	6.60	99	708475	29.15	ng	-0.02
23) Nitrobenzene-d5	7.54	82	1772711	97.11	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	449997	79.47	ng	-0.01
44) 2-Fluorobiphenyl	9.33	172	2867554	105.12	ng	0.00
78) Terphenyl-d14	13.10	244	2075255	73.24	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.54	70	238941	15.219	ng	# 78
25) Isophorone	7.54	82	1772700	45.483	ng	# 64
50) 2,6-Dinitrotoluene	10.01	165	62318	8.363	ng	# 25
56) 2,4-Dinitrotoluene	10.01	165	62778	6.980	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.81	198	672	8.816	ng	# 1
66) 4-Bromophenyl-phenylether	10.81	248	27131	2.743	ng	# 1
73) Di-n-butylphthalate	12.05	149	5609	Below Cal		# 99

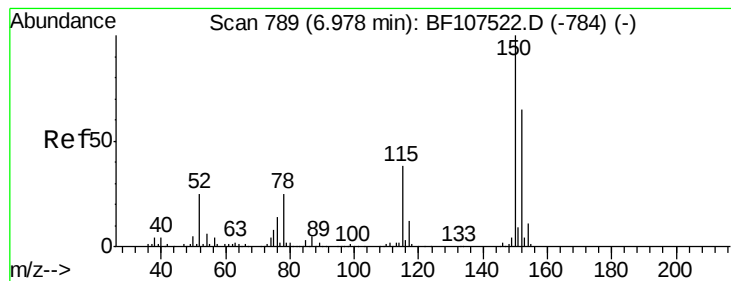
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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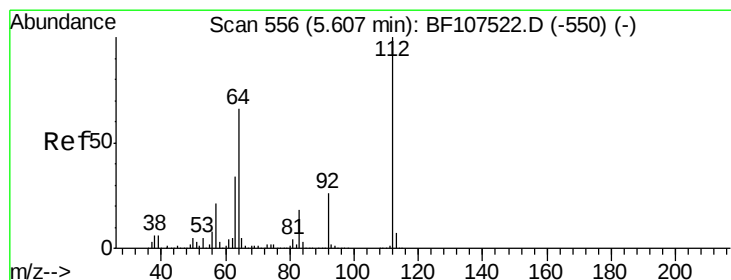
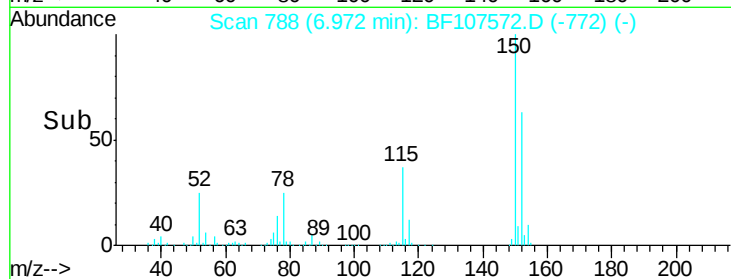
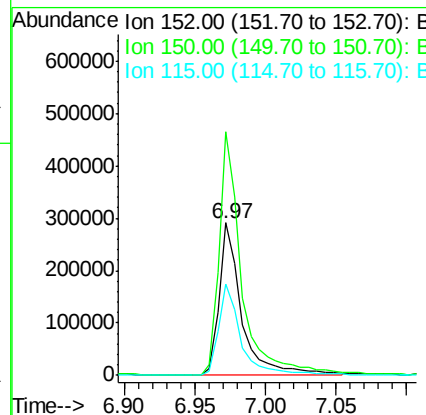
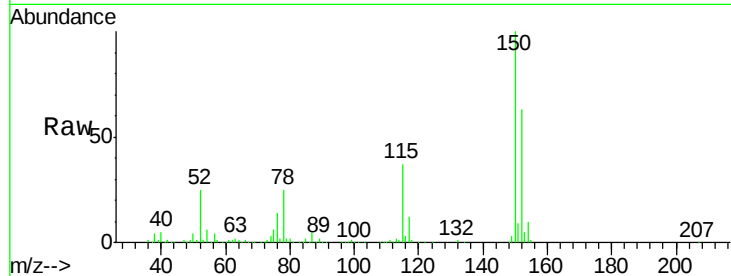


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF107572.D
Acq: 21 Jul 2018 13:22

Instrument :
BNA_F
ClientSampleId :
071818-DBRI-E-U-M

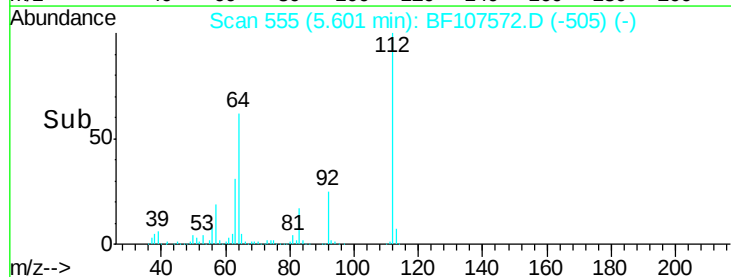
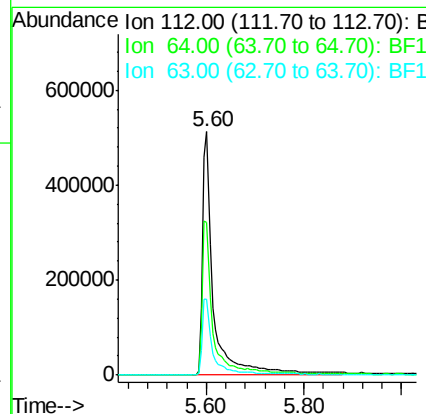
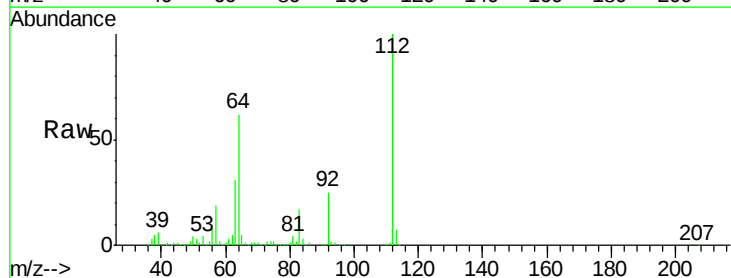
Tgt Ion:152 Resp: 325427
Ion Ratio Lower Upper
152 100
150 159.7 124.6 186.8
115 59.7 50.1 75.1

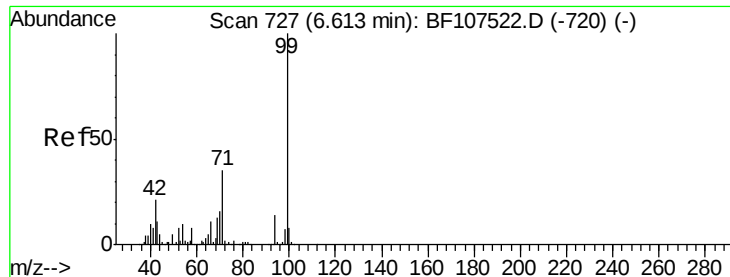


#5

2-Fluorophenol
Concen: 40.509 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF107572.D
Acq: 21 Jul 2018 13:22

Tgt Ion:112 Resp: 819911
Ion Ratio Lower Upper
112 100
64 62.5 47.9 71.9
63 31.0 23.7 35.5





#7

Phenol-d6

Concen: 29.151 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107572.D

Acq: 21 Jul 2018 13:22

Instrument :

BNA_F

ClientSampleId :

071818-DBRI-E-U-M

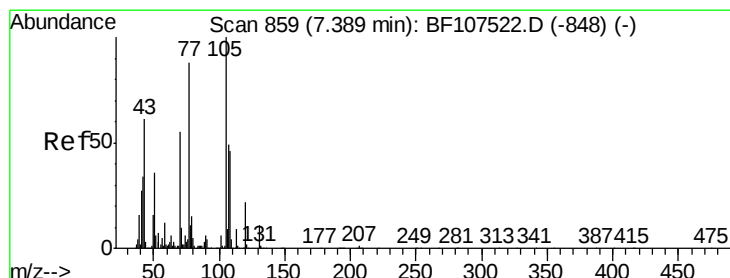
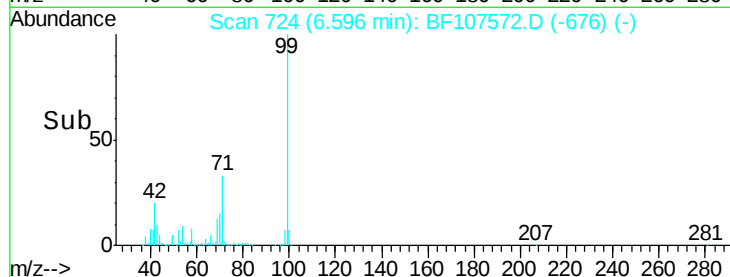
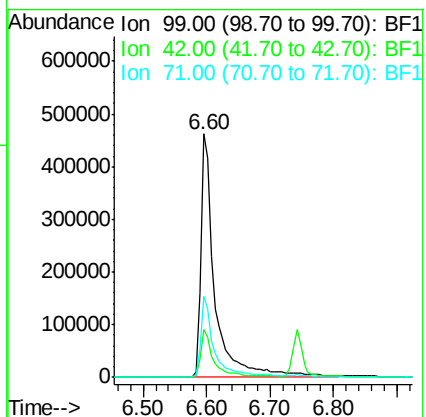
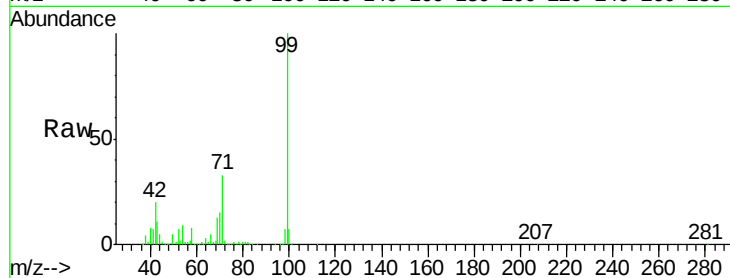
Tgt Ion: 99 Resp: 708475

Ion Ratio Lower Upper

99 100

42 19.6 14.5 21.7

71 33.0 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 15.219 ng

RT: 7.54 min Scan# 884

Delta R.T. 0.15 min

Lab File: BF107572.D

Acq: 21 Jul 2018 13:22

Tgt Ion: 70 Resp: 238941

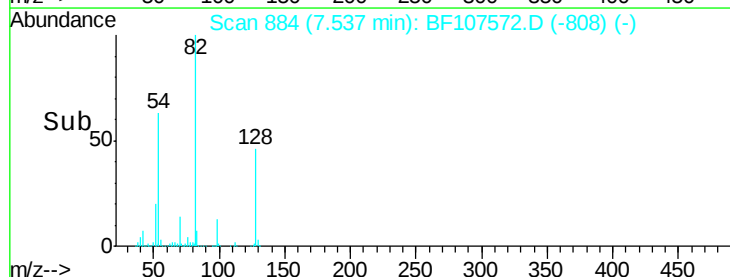
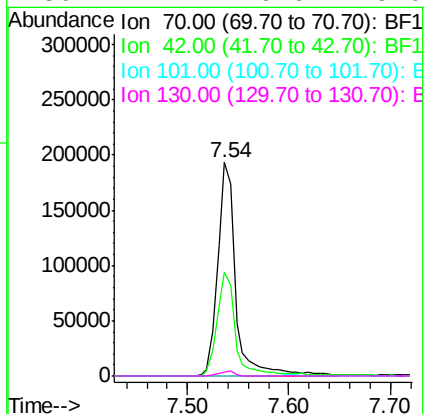
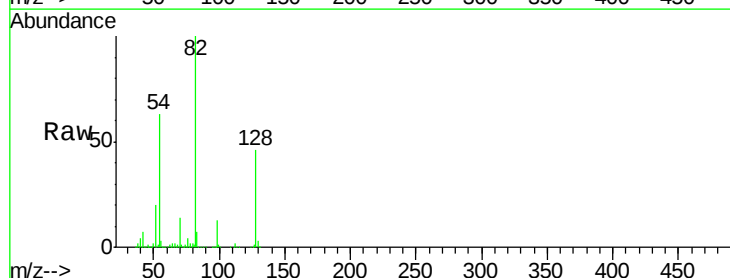
Ion Ratio Lower Upper

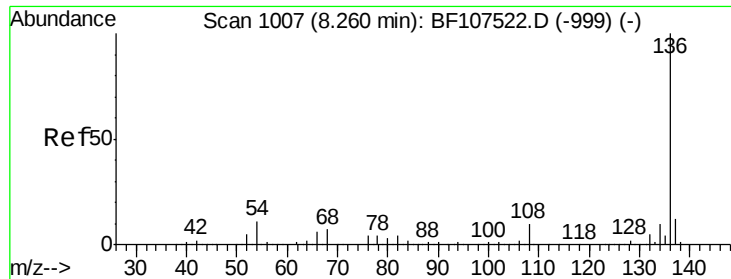
70 100

42 48.6 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

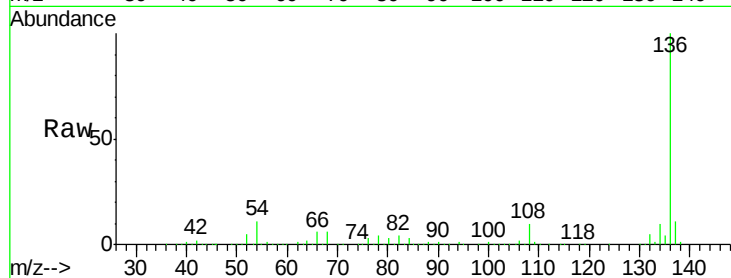




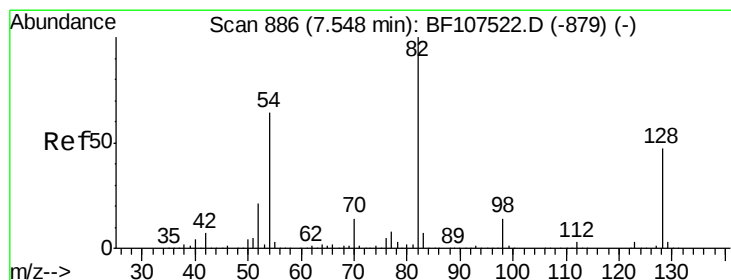
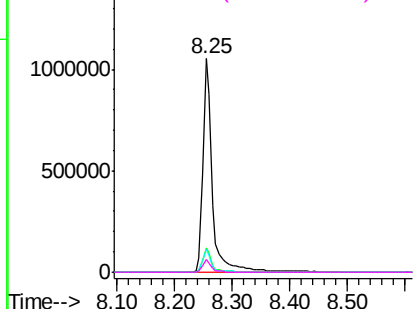
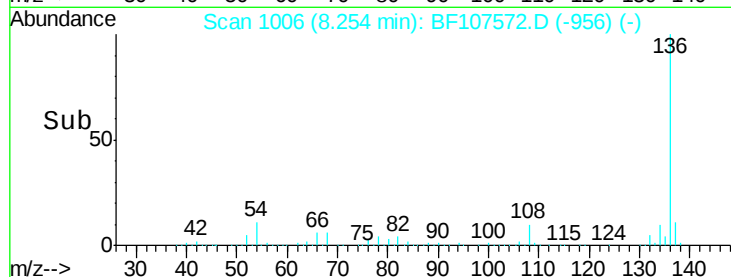
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF107572.D
Acq: 21 Jul 2018 13:22

Instrument :
BNA_F
ClientSampleId :
071818-DBRI-E-U-M

Tgt Ion: 136 Resp: 1231910
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 10.7 6.6 9.8#
68 6.2 5.0 7.4

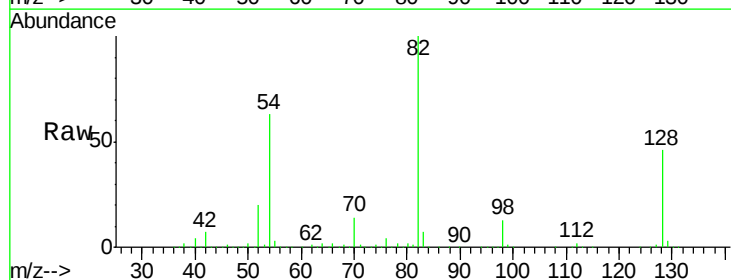


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

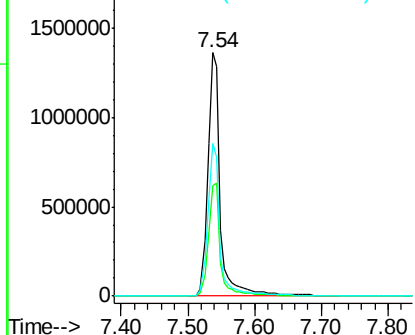
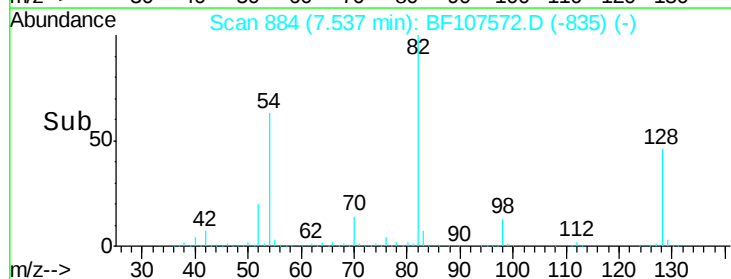


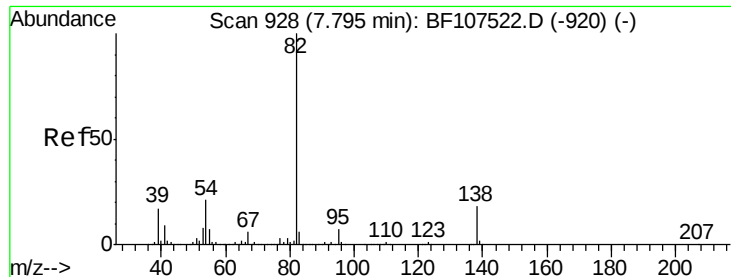
#23
Nitrobenzene-d5
Concen: 97.114 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF107572.D
Acq: 21 Jul 2018 13:22

Tgt Ion: 82 Resp: 1772711
Ion Ratio Lower Upper
82 100
128 45.6 36.1 54.1
54 62.7 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: 45.483 ng

RT: 7.54 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF107572.D

Acq: 21 Jul 2018 13:22

Instrument :

BNA_F

ClientSampleId :

071818-DBRI-E-U-M

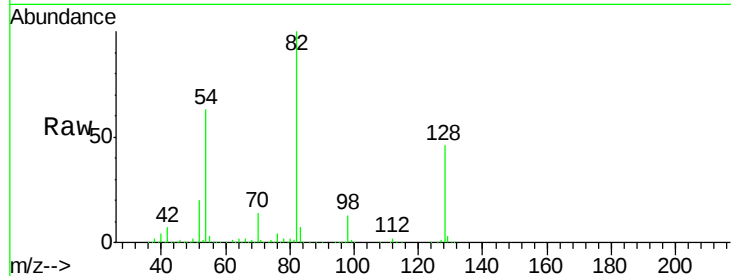
Tgt Ion: 82 Resp: 1772700

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

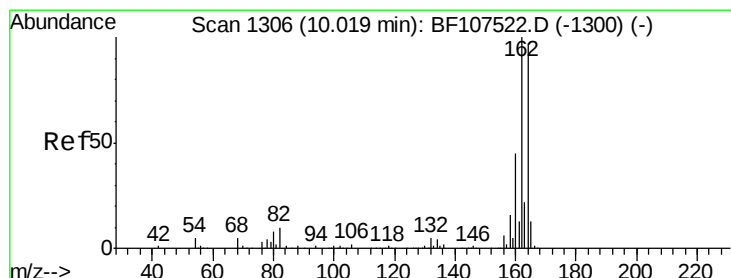
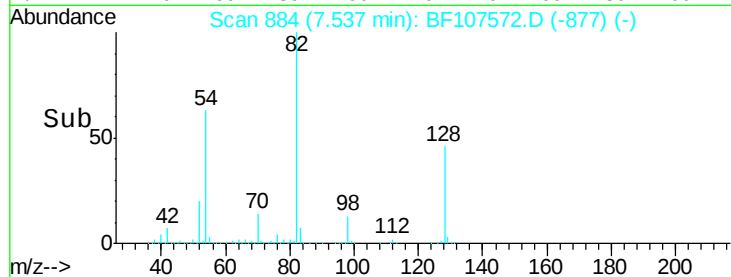
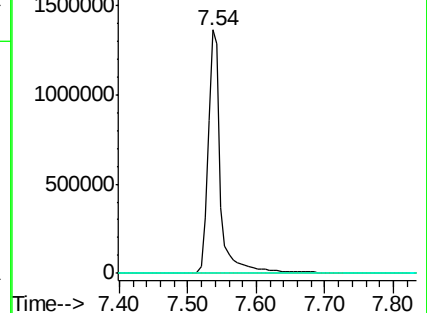
138 0.0 14.9 22.3#



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: 10.01 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF107572.D

Acq: 21 Jul 2018 13:22

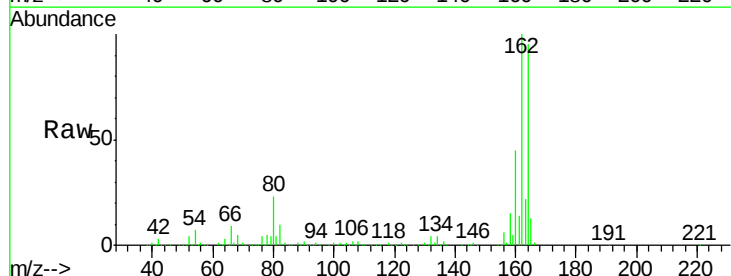
Tgt Ion: 164 Resp: 497968

Ion Ratio Lower Upper

164 100

162 105.2 86.1 129.1

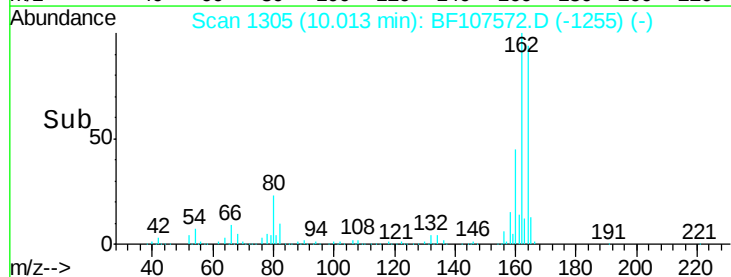
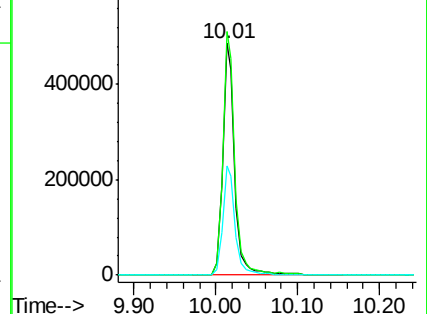
160 47.3 38.3 57.5

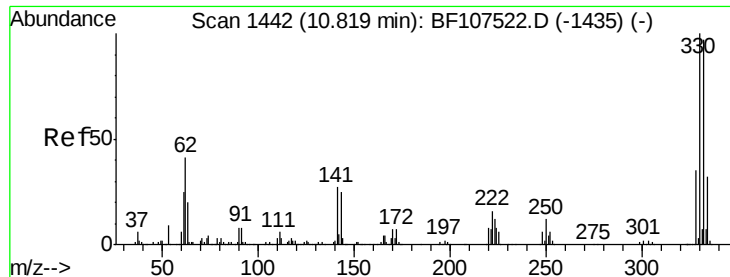


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

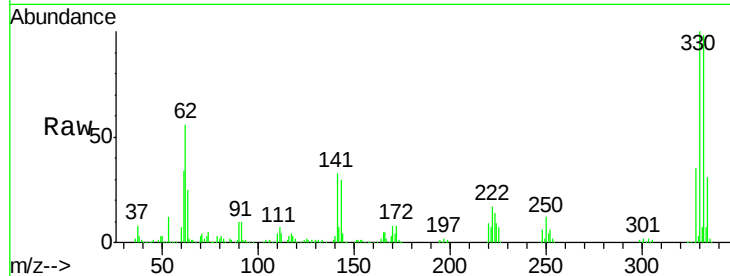




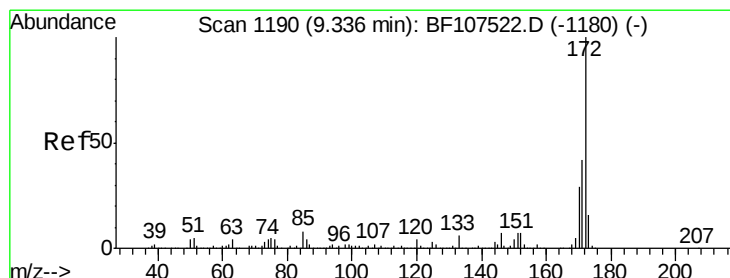
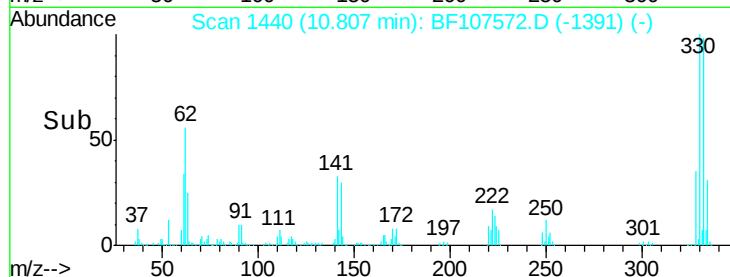
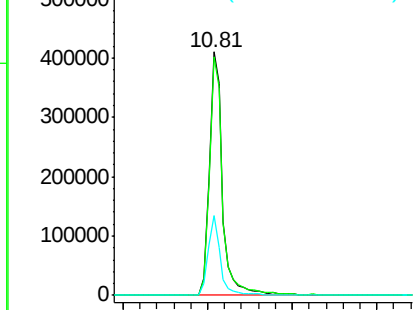
#41
 2,4,6-Tribromophenol
 Concen: 79.467 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF107572.D
 Acq: 21 Jul 2018 13:22

Instrument :
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Tgt Ion:330 Resp: 449997
 Ion Ratio Lower Upper
 330 100
 332 98.4 77.0 115.6
 141 30.5 29.9 44.9

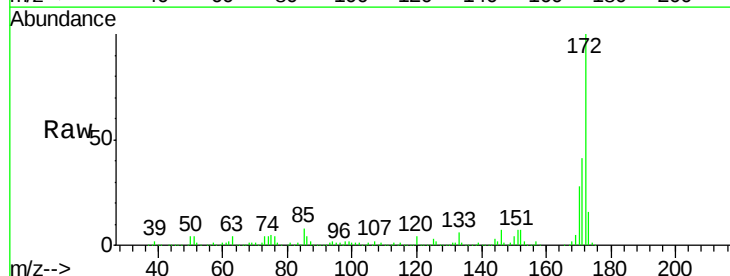


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

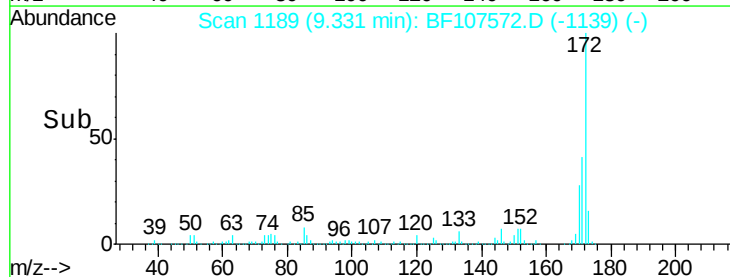
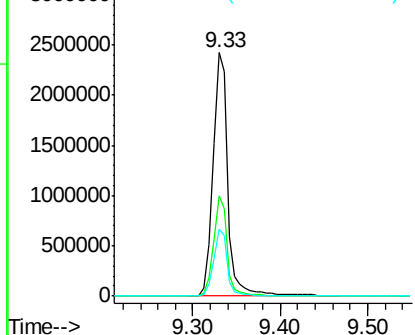


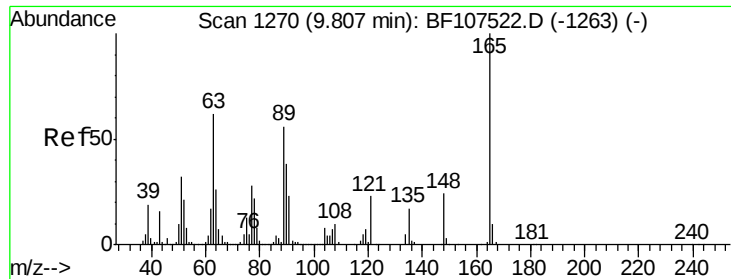
#44
 2-Fluorobiphenyl
 Concen: 105.122 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF107572.D
 Acq: 21 Jul 2018 13:22

Tgt Ion:172 Resp: 2867554
 Ion Ratio Lower Upper
 172 100
 171 41.4 29.7 44.5
 170 27.7 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

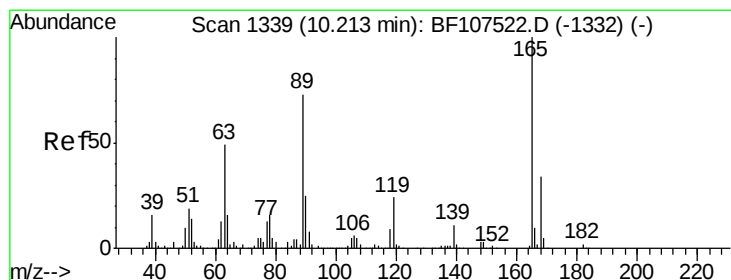
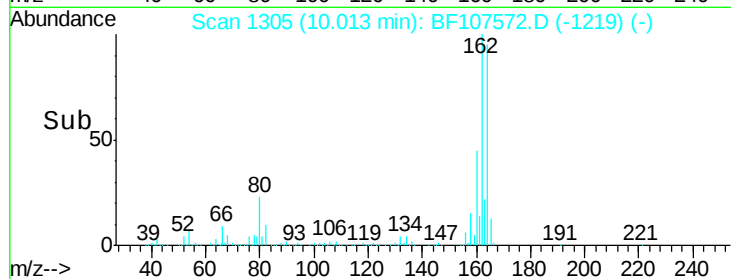
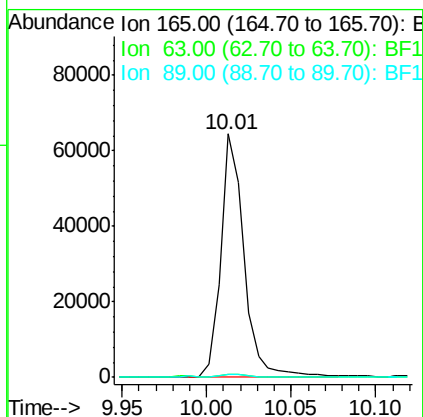
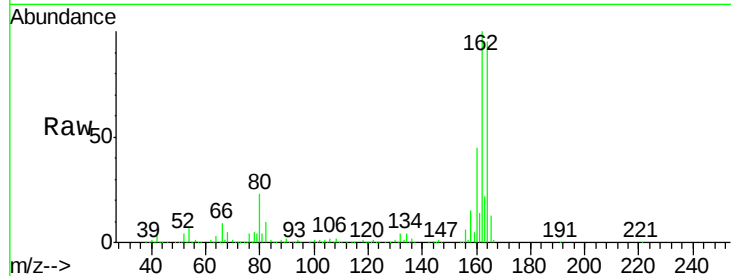




#50
 2,6-Dinitrotoluene
 Concen: 8.363 ng
 RT: 10.01 min Scan# 1305
 Delta R.T. 0.21 min
 Lab File: BF107572.D
 Acq: 21 Jul 2018 13:22

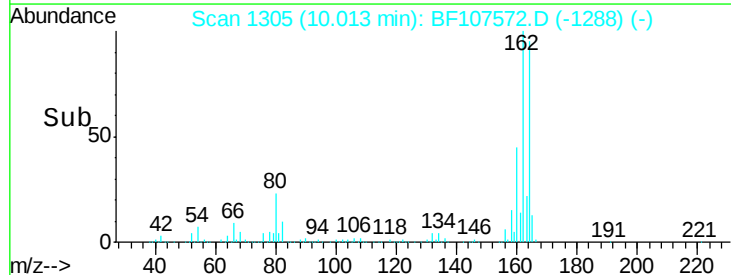
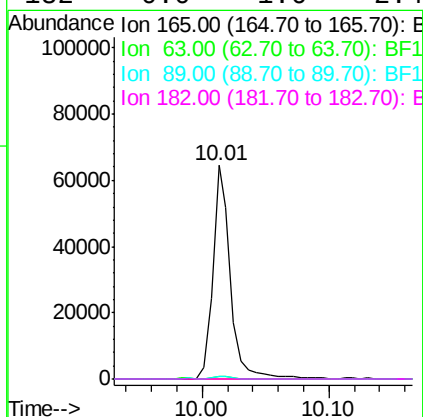
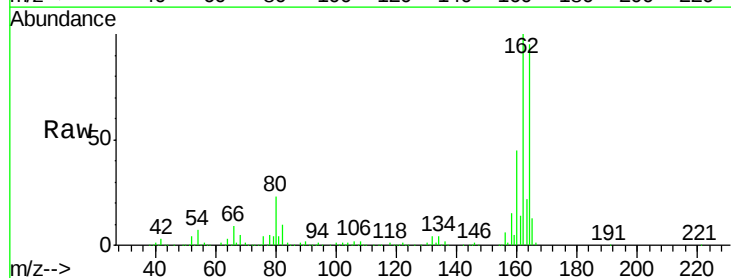
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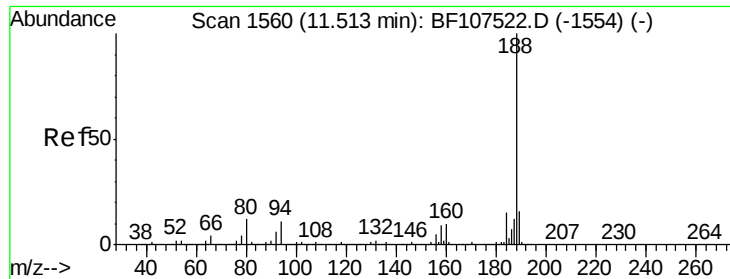
Tgt Ion:165 Resp: 62318
 Ion Ratio Lower Upper
 165 100
 63 1.2 44.7 67.1#
 89 1.1 44.0 66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.980 ng
 RT: 10.01 min Scan# 1305
 Delta R.T. -0.20 min
 Lab File: BF107572.D
 Acq: 21 Jul 2018 13:22

Tgt Ion:165 Resp: 62778
 Ion Ratio Lower Upper
 165 100
 63 1.2 36.4 54.6#
 89 1.1 57.8 86.6#
 182 0.0 1.6 2.4#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.51 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF107572.D

Acq: 21 Jul 2018 13:22

Instrument :

BNA_F

ClientSampleId :

071818-DBRI-E-U-M

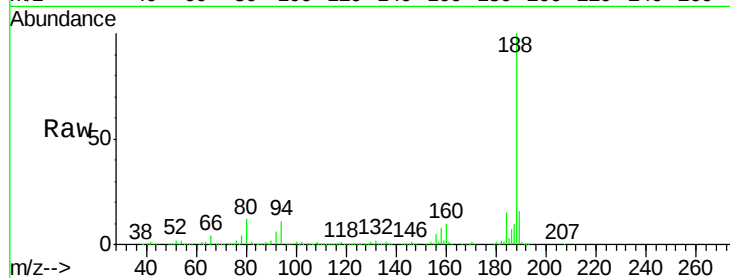
Tgt Ion:188 Resp: 840180

Ion Ratio Lower Upper

188 100

94 10.8 8.5 12.7

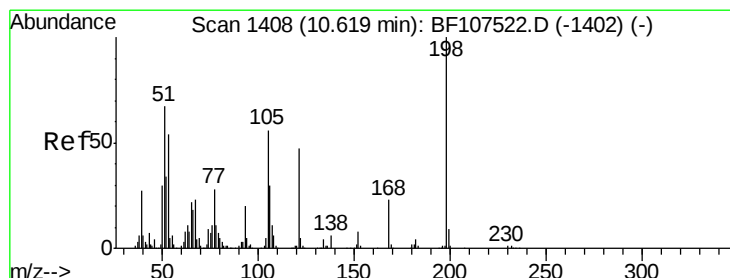
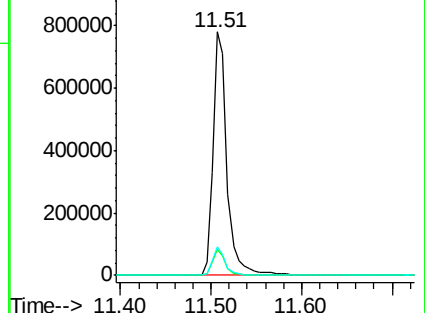
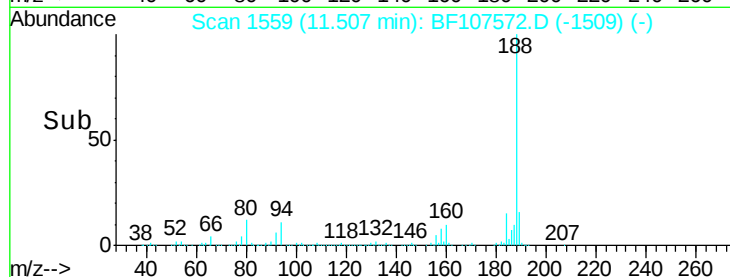
80 11.8 9.2 13.8



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: 8.816 ng

RT: 10.81 min Scan# 1440

Delta R.T. 0.19 min

Lab File: BF107572.D

Acq: 21 Jul 2018 13:22

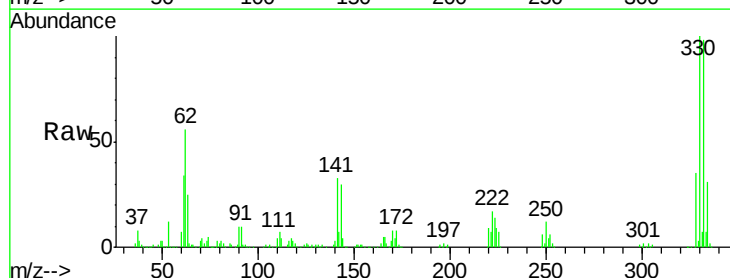
Tgt Ion:198 Resp: 672

Ion Ratio Lower Upper

198 100

51 271.3 37.7 77.7#

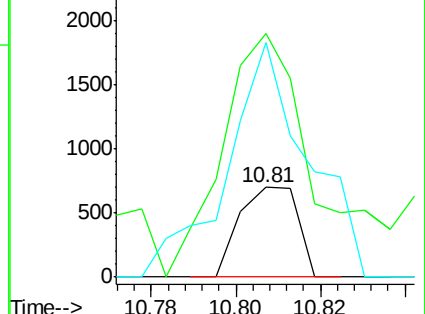
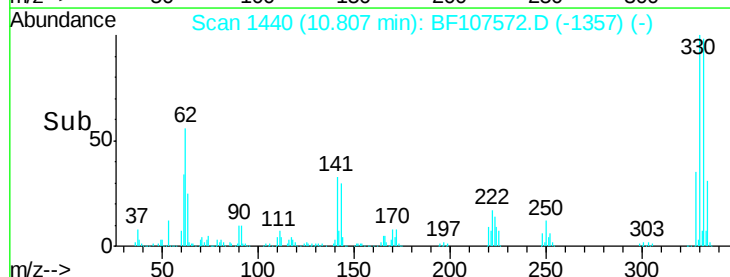
105 261.3 36.3 76.3#

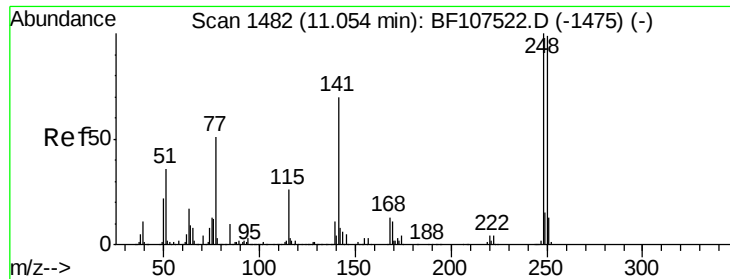


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

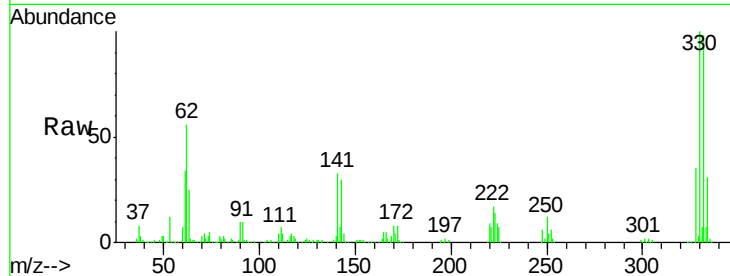




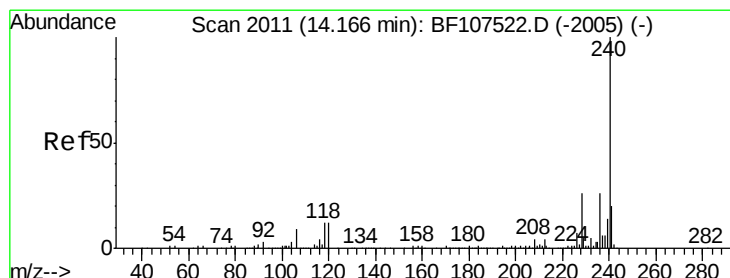
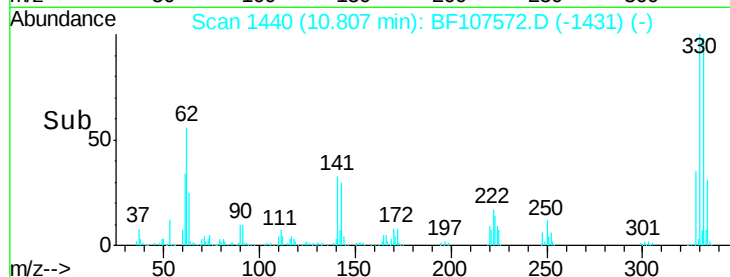
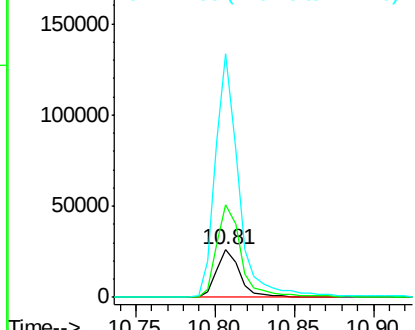
#66
 4-Bromophenyl-phenylether
 Concen: 2.743 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. -0.25 min
 Lab File: BF107572.D
 Acq: 21 Jul 2018 13:22

Instrument :
 BNA_F
 ClientSampleId :
 071818-DBRI-E-U-M

Tgt Ion:248 Resp: 27131
 Ion Ratio Lower Upper
 248 100
 250 195.5 76.9 115.3#
 141 515.7 74.4 111.6#

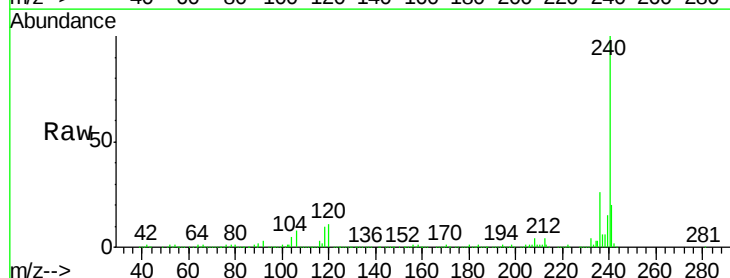


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

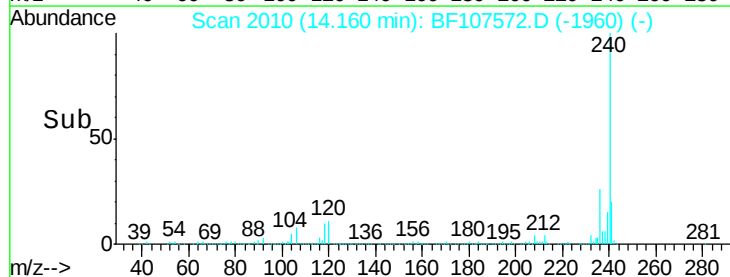
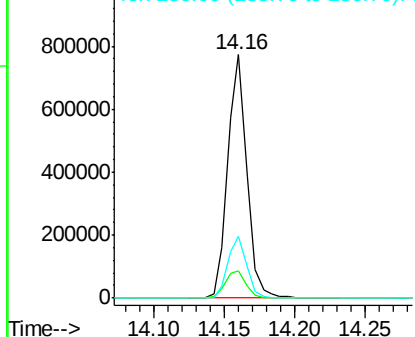


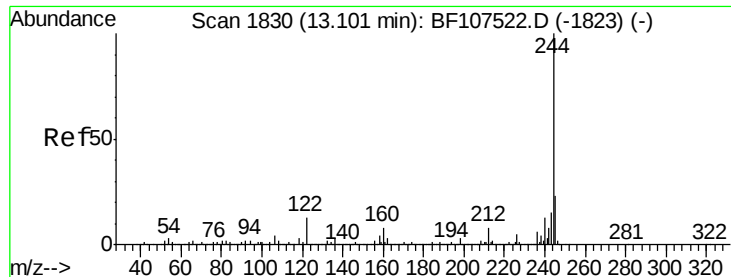
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.16 min Scan# 2010
 Delta R.T. -0.01 min
 Lab File: BF107572.D
 Acq: 21 Jul 2018 13:22

Tgt Ion:240 Resp: 725409
 Ion Ratio Lower Upper
 240 100
 120 11.4 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: 73.239 ng

RT: 13.10 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BF107572.D

Acq: 21 Jul 2018 13:22

Instrument :

BNA_F

ClientSampleId :

071818-DBRI-E-U-M

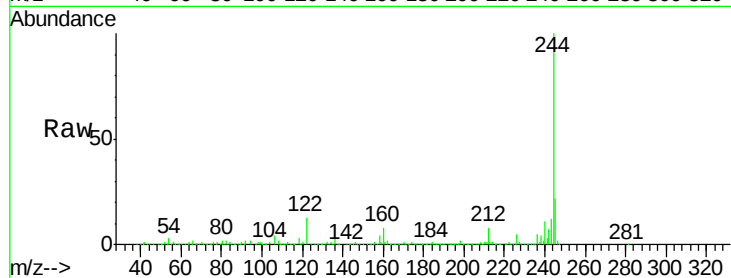
Tgt Ion:244 Resp: 2075255

Ion Ratio Lower Upper

244 100

212 7.6 5.4 8.0

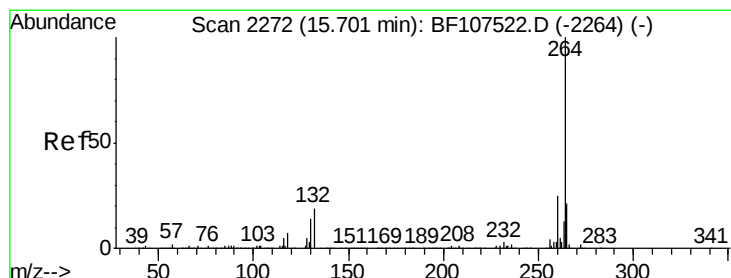
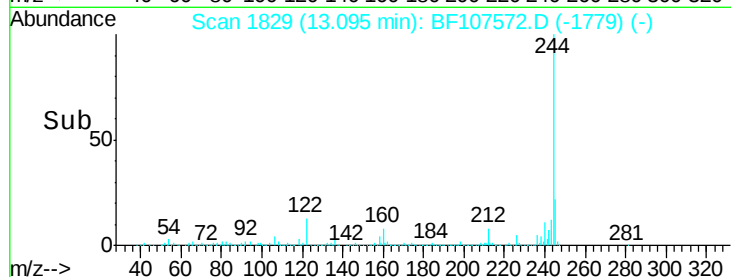
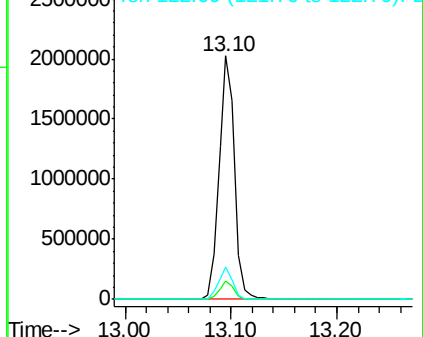
122 13.2 11.0 16.4



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: 15.69 min Scan# 2271

Delta R.T. -0.01 min

Lab File: BF107572.D

Acq: 21 Jul 2018 13:22

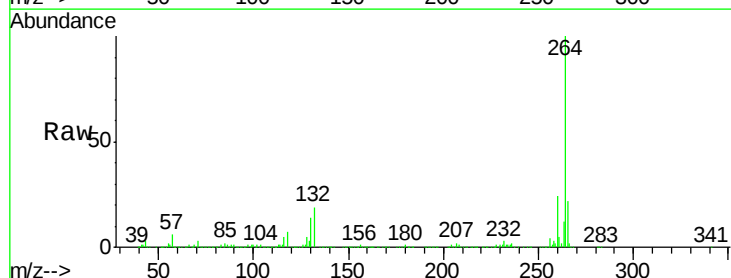
Tgt Ion:264 Resp: 577970

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 22.0 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

