

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072018\
 Data File : BF107568.D
 Acq On : 21 Jul 2018 11:36
 Operator : JU/SJ
 Sample : J4094-01
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 071818-DBRI-E-D-B

Quant Time: Jul 23 03:28:10 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	331599	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	1205250	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	461745	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	781058	20.00	ng	0.00
75) Chrysene-d12	14.16	240	695706	20.00	ng	0.00
86) Perylene-d12	15.69	264	621789	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	811309	39.34	ng	0.00
7) Phenol-d6	6.60	99	718344	29.01	ng	-0.01
23) Nitrobenzene-d5	7.54	82	1762365	98.68	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	418012	79.61	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	2763519	111.46	ng	0.00
78) Terphenyl-d14	13.09	244	2056609	75.68	ng	0.00

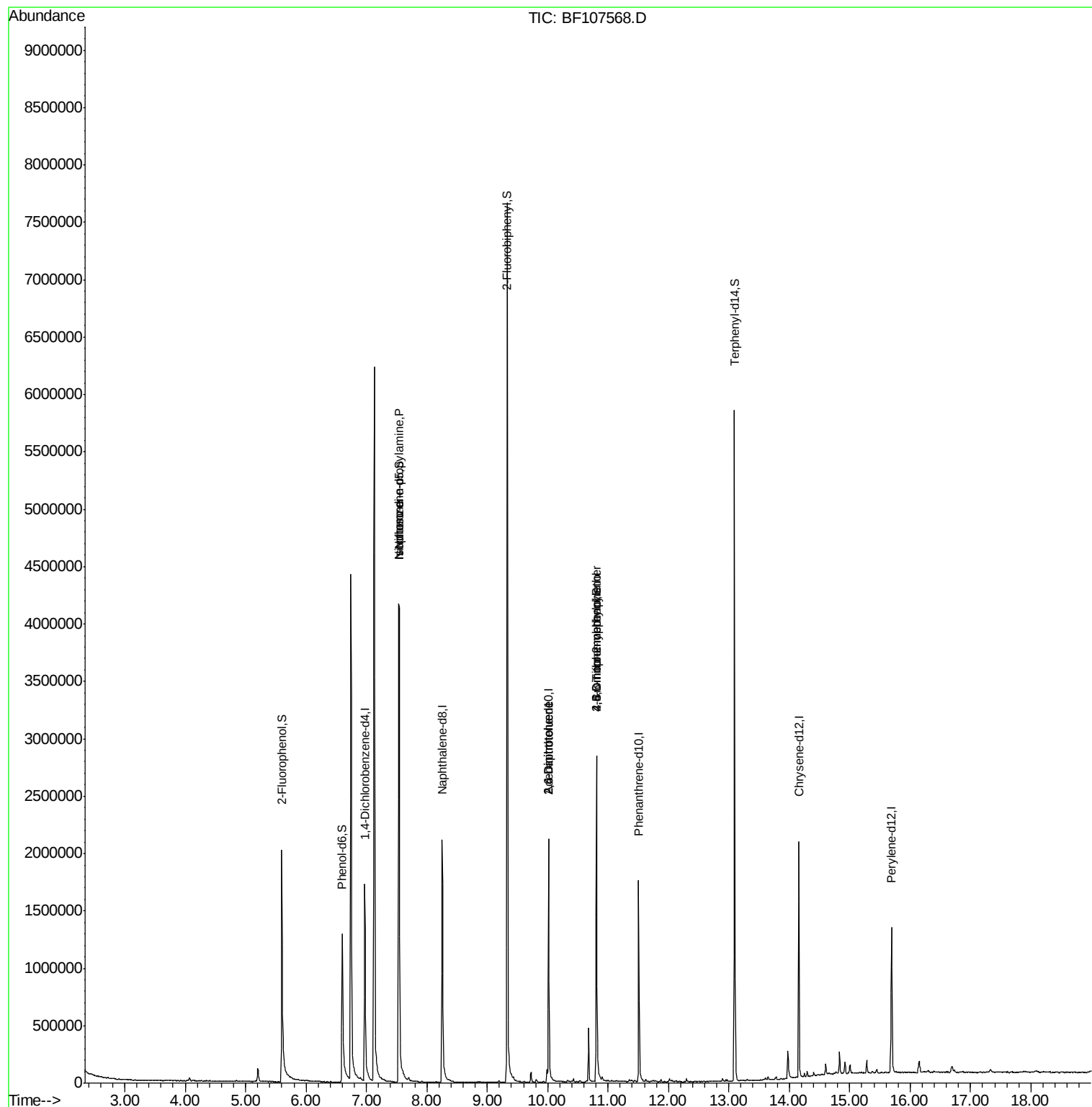
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.54	70	240469	15.031	ng	# 80
25) Isophorone	7.54	82	1762482	46.221	ng	# 64
50) 2,6-Dinitrotoluene	10.02	165	58952	8.532	ng	# 26
56) 2,4-Dinitrotoluene	10.02	165	58952	7.069	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.81	198	578	8.806	ng	# 1
66) 4-Bromophenyl-phenylether	10.81	248	24660	2.682	ng	# 1
73) Di-n-butylphthalate	12.05	149	4988	Below Cal		# 94
81) 3,3'-Dichlorobenzidine	13.98	252	242	Below Cal		# 1

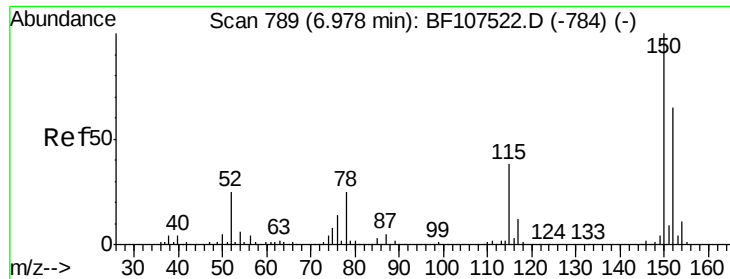
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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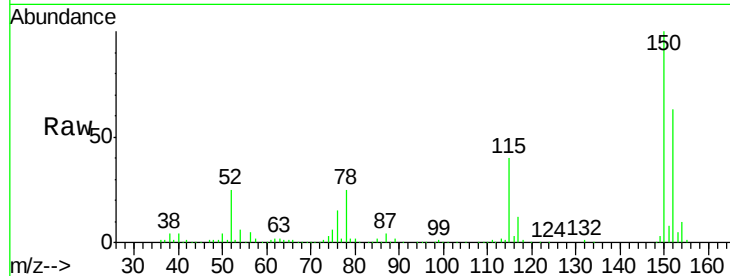


#1

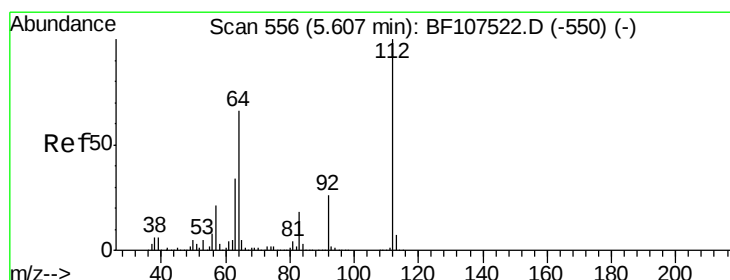
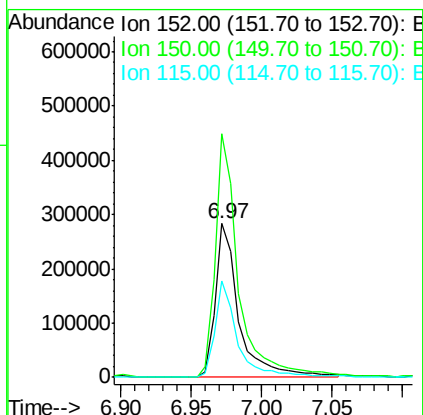
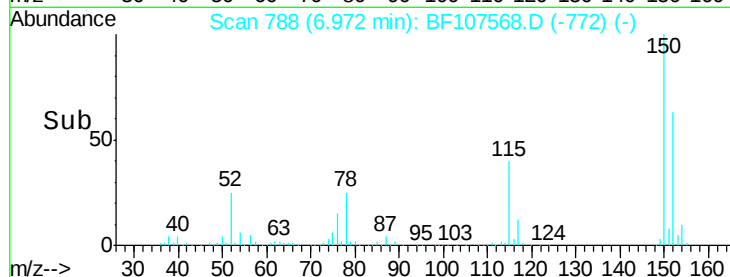
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF107568.D
Acq: 21 Jul 2018 11:36

Instrument :
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Tgt Ion:152 Resp: 331599
Ion Ratio Lower Upper
152 100
150 158.2 124.6 186.8
115 62.6 50.1 75.1



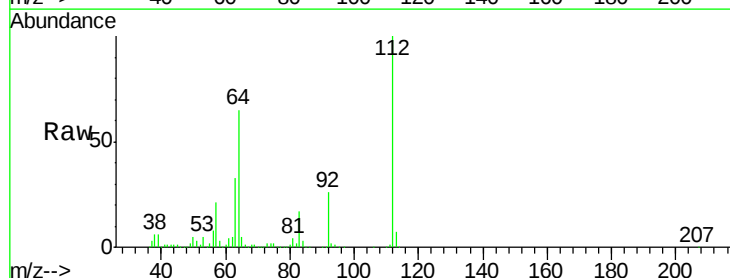
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



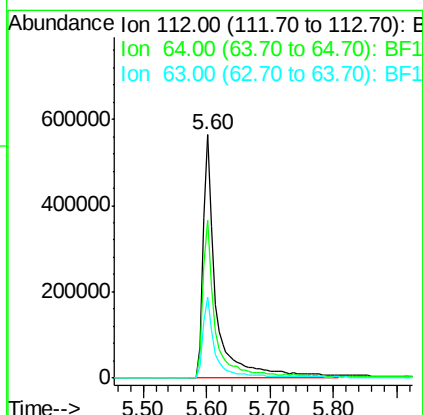
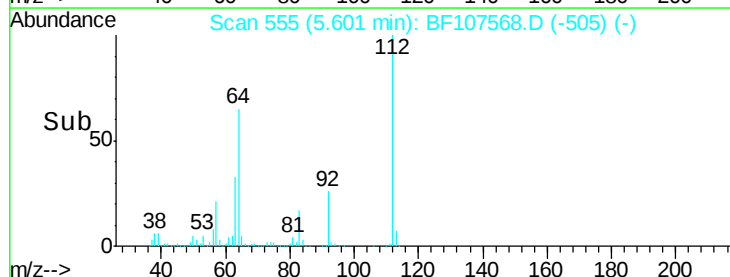
#5

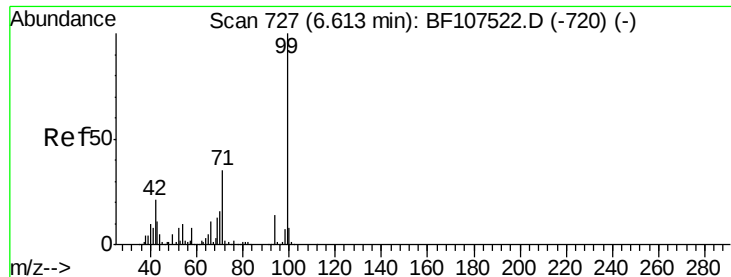
2-Fluorophenol
Concen: 39.338 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF107568.D
Acq: 21 Jul 2018 11:36

Tgt Ion:112 Resp: 811309
Ion Ratio Lower Upper
112 100
64 64.9 47.9 71.9
63 33.3 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: 29.007 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107568.D

Acq: 21 Jul 2018 11:36

Instrument :

BNA_F

ClientSampleId :

071818-DBRI-E-D-B

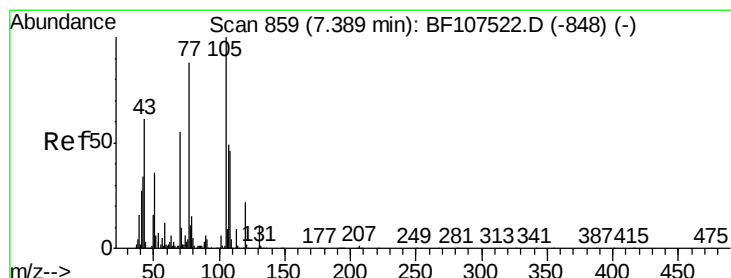
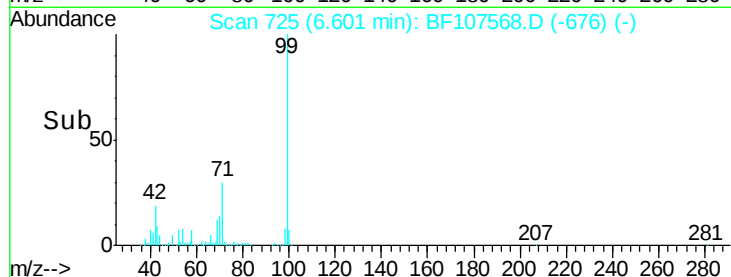
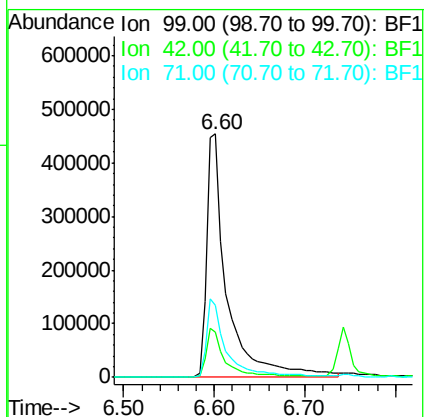
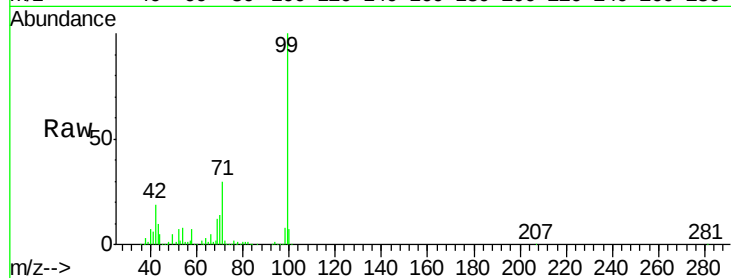
Tgt Ion: 99 Resp: 718344

Ion Ratio Lower Upper

99 100

42 18.7 14.5 21.7

71 29.9 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 15.031 ng

RT: 7.54 min Scan# 884

Delta R.T. 0.15 min

Lab File: BF107568.D

Acq: 21 Jul 2018 11:36

Tgt Ion: 70 Resp: 240469

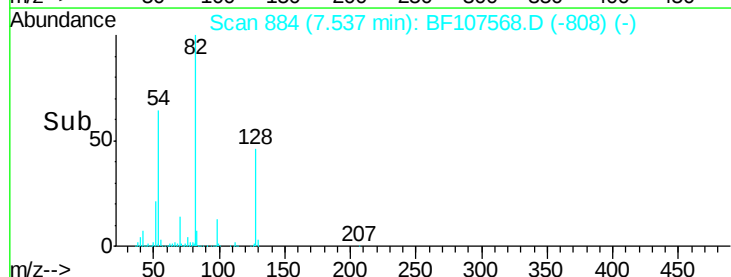
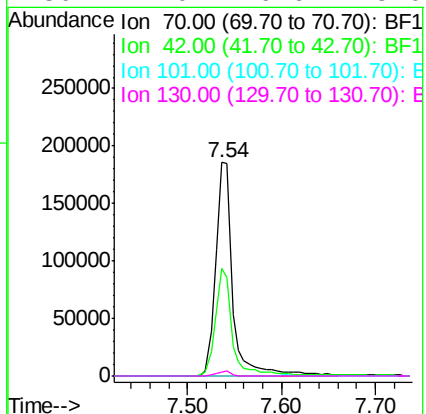
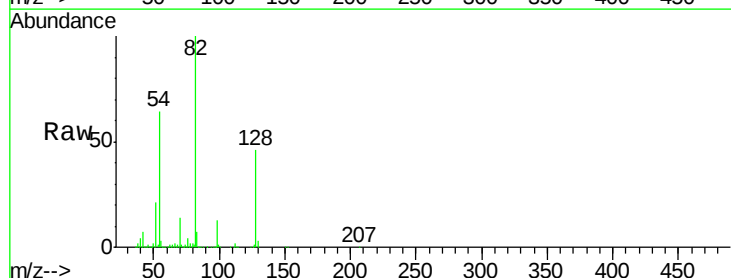
Ion Ratio Lower Upper

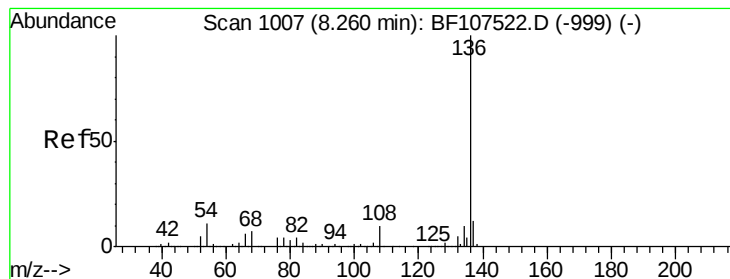
70 100

42 50.4 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 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: BF107568.D

Acq: 21 Jul 2018 11:36

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:136 Resp: 1205250

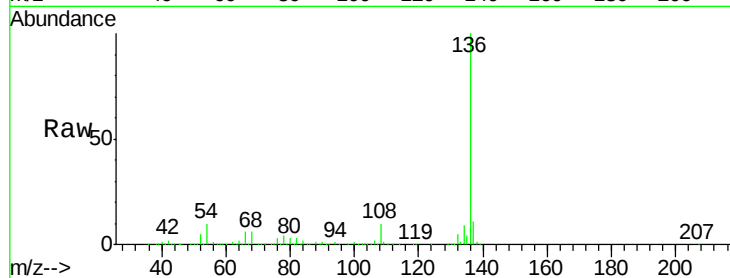
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 10.2 6.6 9.8#

68 6.2 5.0 7.4

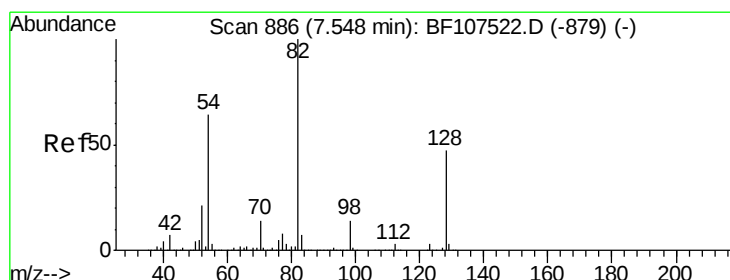
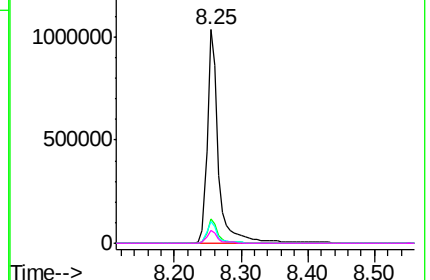
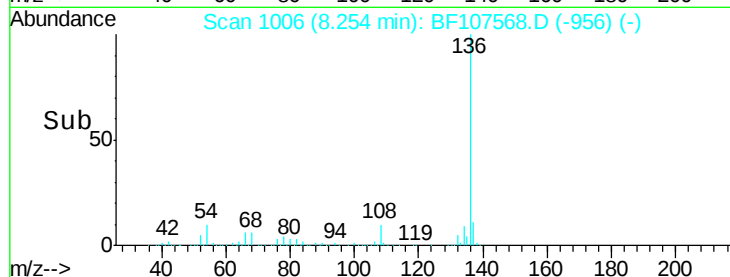


Abundance Ion 136.00 (135.70 to 136.70): E

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: 98.683 ng

RT: 7.54 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF107568.D

Acq: 21 Jul 2018 11:36

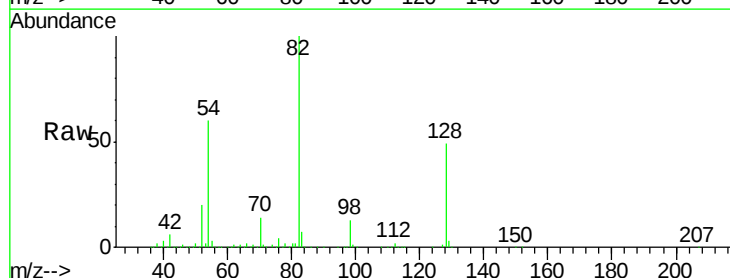
Tgt Ion: 82 Resp: 1762365

Ion Ratio Lower Upper

82 100

128 49.0 36.1 54.1

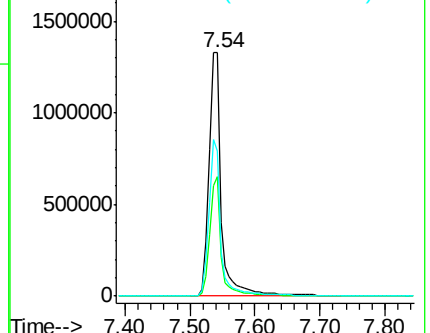
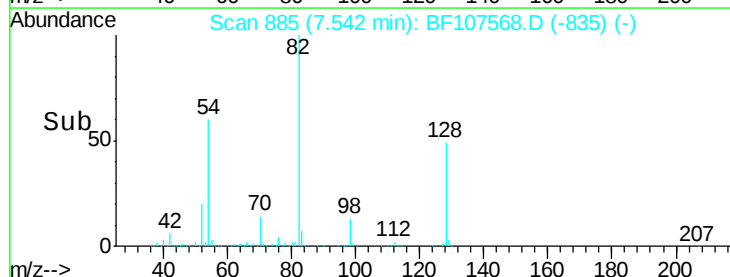
54 59.7 41.4 62.2

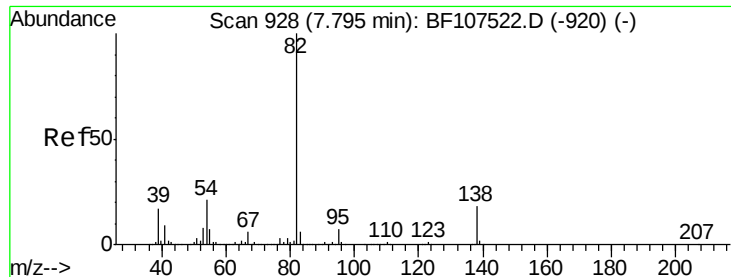


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 46.221 ng

RT: 7.54 min Scan# 885

Delta R.T. -0.25 min

Lab File: BF107568.D

Acq: 21 Jul 2018 11:36

Instrument :

BNA_F

ClientSampleId :

071818-DBRI-E-D-B

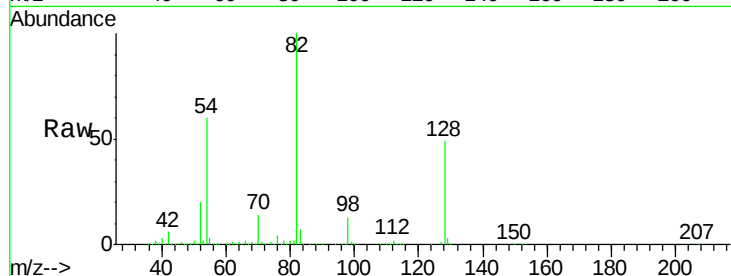
Tgt Ion: 82 Resp: 1762482

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

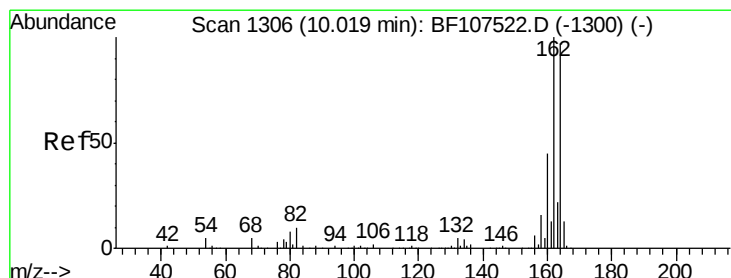
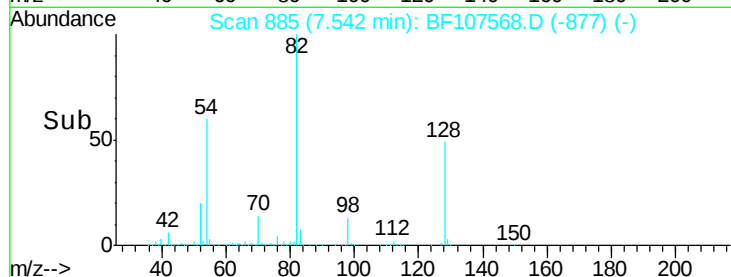
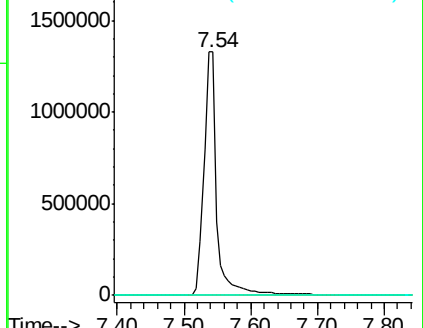
138 0.0 14.9 22.3#



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: 10.02 min Scan# 1306

Delta R.T. 0.00 min

Lab File: BF107568.D

Acq: 21 Jul 2018 11:36

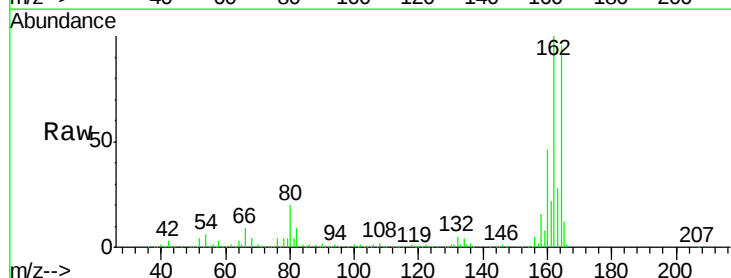
Tgt Ion: 164 Resp: 461745

Ion Ratio Lower Upper

164 100

162 104.9 86.1 129.1

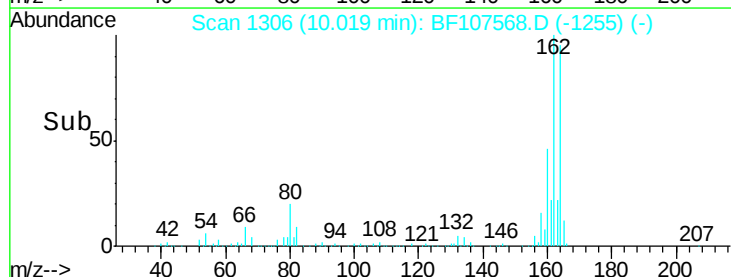
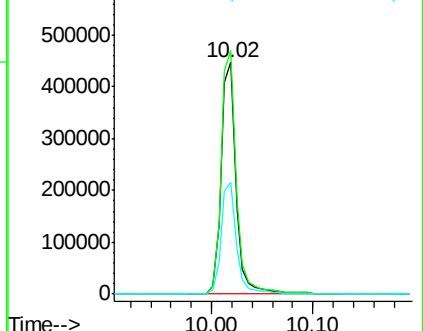
160 48.4 38.3 57.5

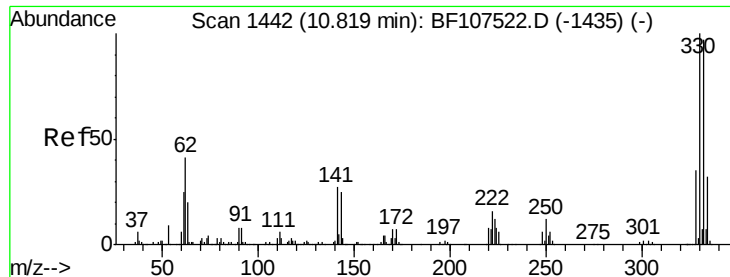


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

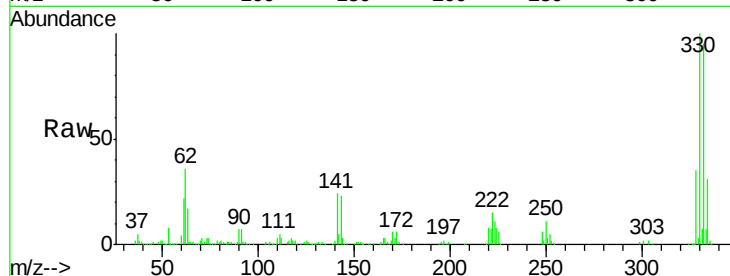




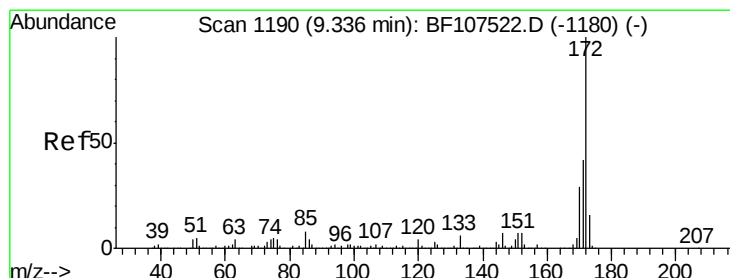
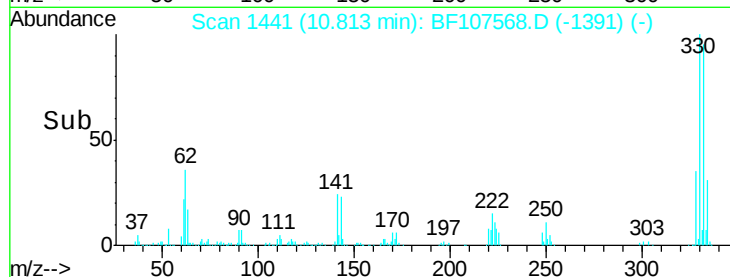
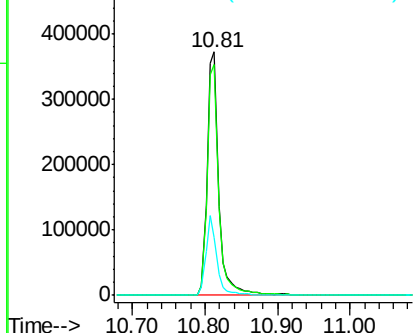
#41
 2,4,6-Tribromophenol
 Concen: 79.610 ng
 RT: 10.81 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF107568.D
 Acq: 21 Jul 2018 11:36

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 071818-DBRI-E-D-B

Tgt Ion:330 Resp: 418012
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.0 115.6
 141 30.5 29.9 44.9

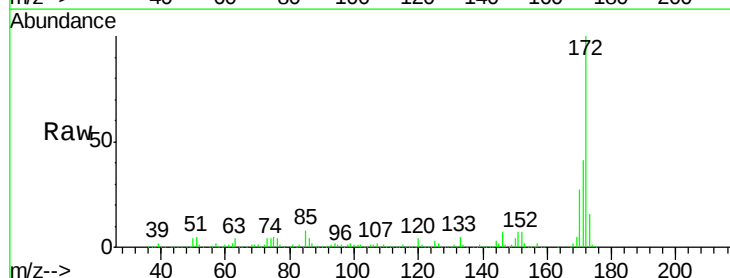


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

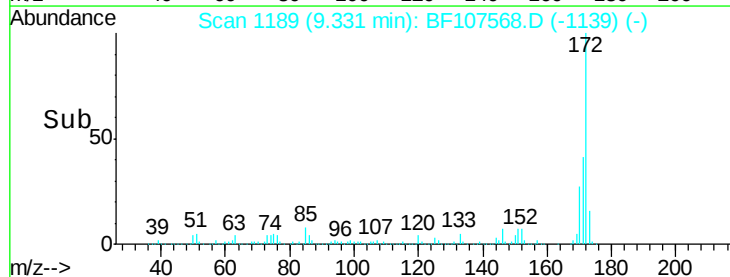
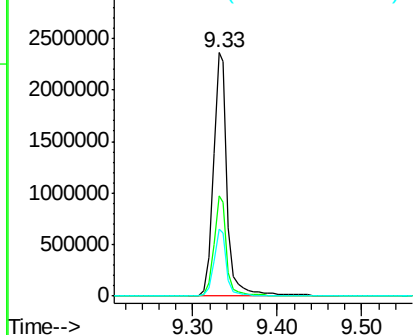


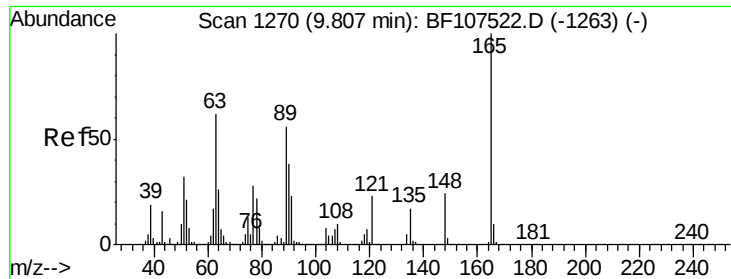
#44
 2-Fluorobiphenyl
 Concen: 111.464 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF107568.D
 Acq: 21 Jul 2018 11:36

Tgt Ion:172 Resp: 2763519
 Ion Ratio Lower Upper
 172 100
 171 41.0 29.7 44.5
 170 27.3 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

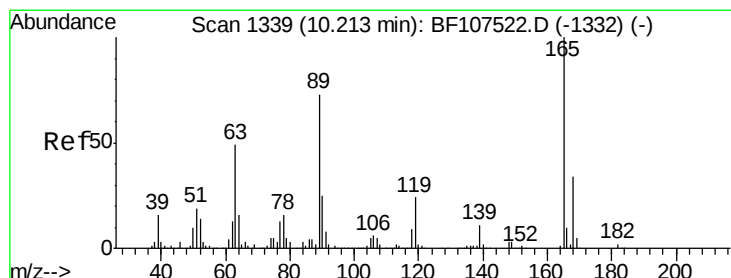
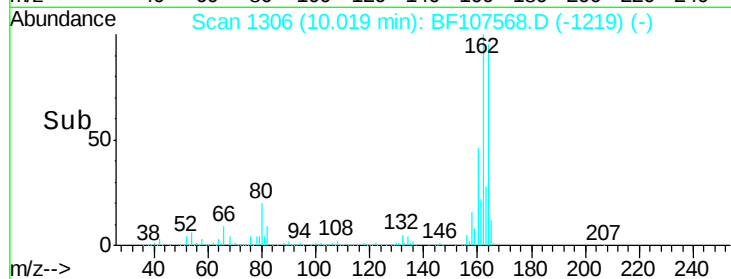
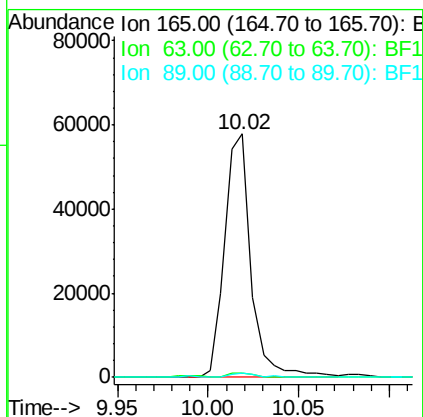
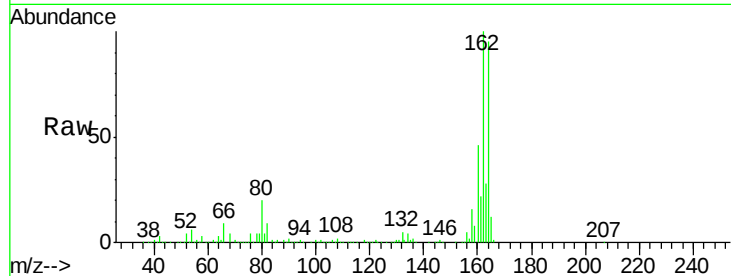




#50
 2,6-Dinitrotoluene
 Concen: 8.532 ng
 RT: 10.02 min Scan# 1306
 Delta R.T. 0.21 min
 Lab File: BF107568.D
 Acq: 21 Jul 2018 11:36

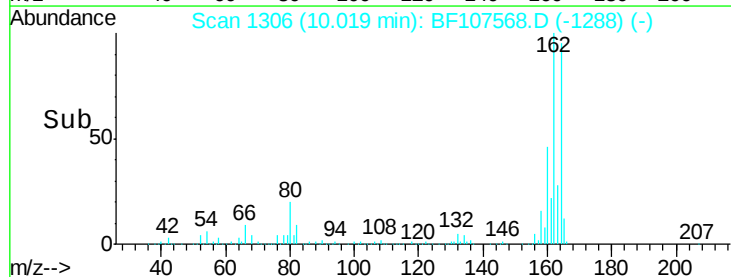
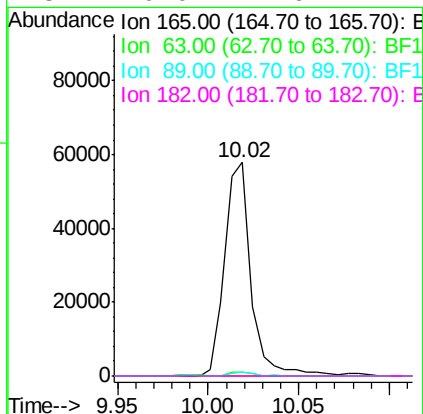
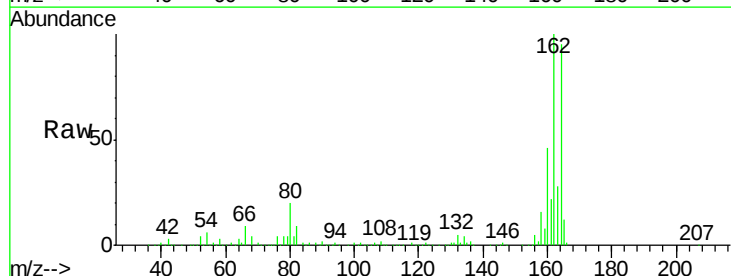
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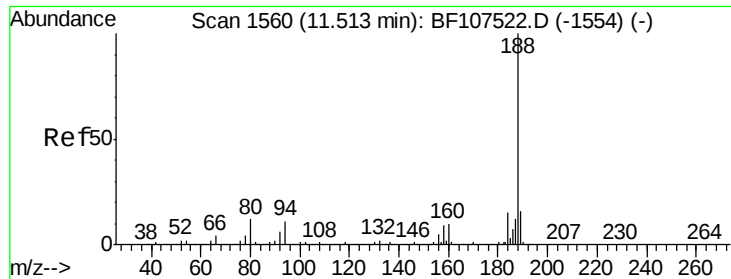
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	1.6	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 7.069 ng
 RT: 10.02 min Scan# 1306
 Delta R.T. -0.19 min
 Lab File: BF107568.D
 Acq: 21 Jul 2018 11:36

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.6	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: BF107568.D

Acq: 21 Jul 2018 11:36

Instrument :

BNA_F

ClientSampleId :

071818-DBRI-E-D-B

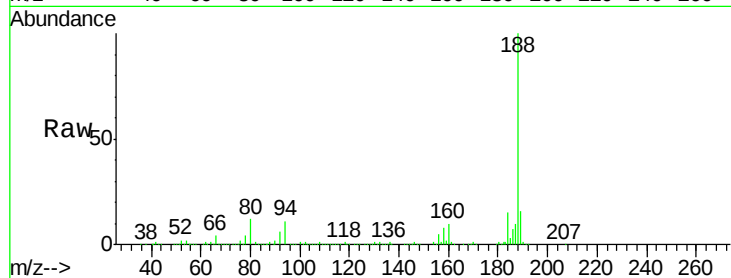
Tgt Ion:188 Resp: 781058

Ion Ratio Lower Upper

188 100

94 10.7 8.5 12.7

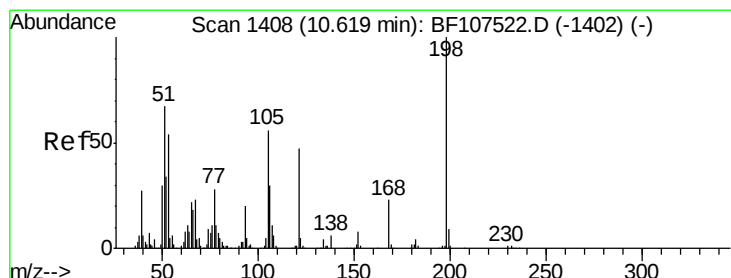
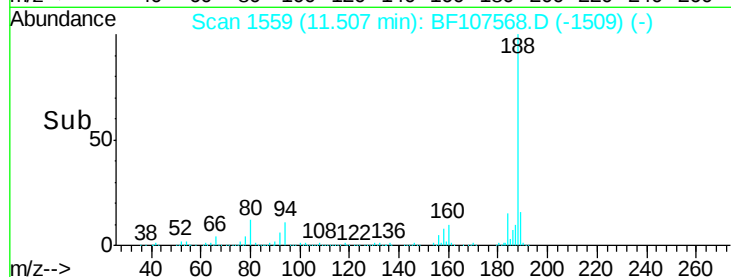
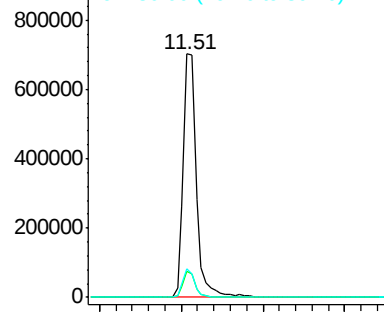
80 11.6 9.2 13.8



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: 8.806 ng

RT: 10.81 min Scan# 1440

Delta R.T. 0.19 min

Lab File: BF107568.D

Acq: 21 Jul 2018 11:36

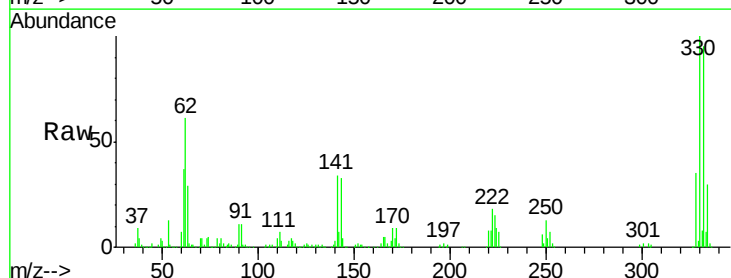
Tgt Ion:198 Resp: 578

Ion Ratio Lower Upper

198 100

51 225.7 37.7 77.7#

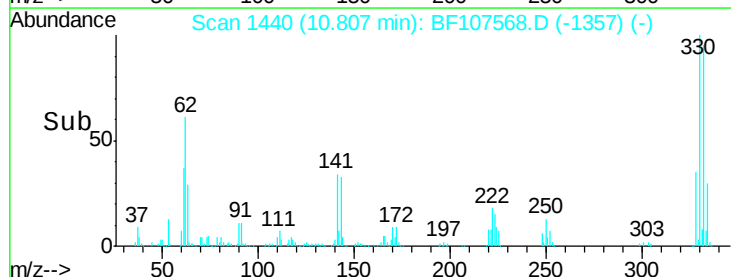
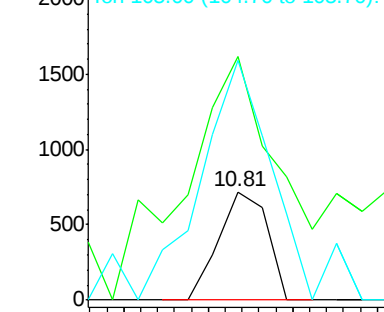
105 222.5 36.3 76.3#

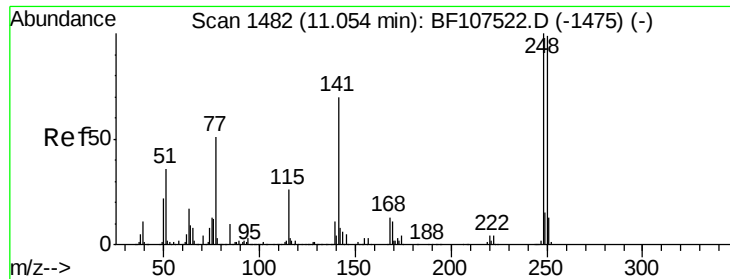


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

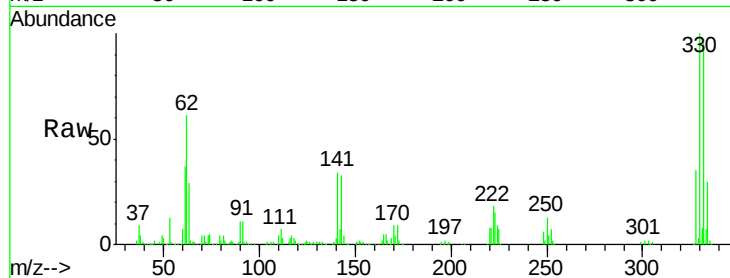




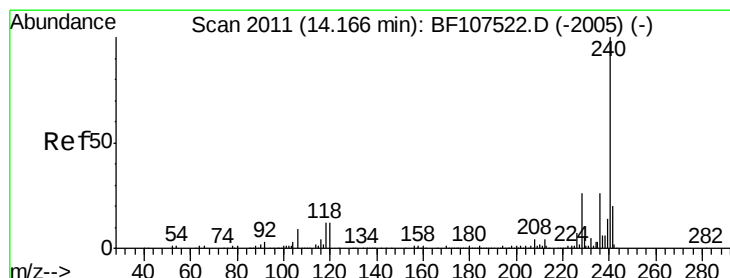
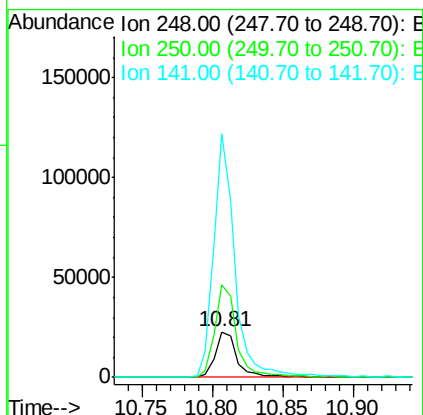
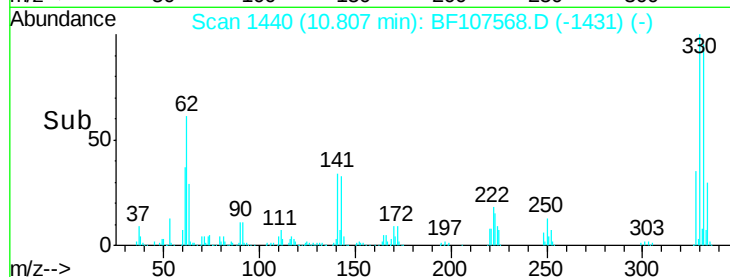
#66
4-Bromophenyl-phenylether
Concen: 2.682 ng
RT: 10.81 min Scan# 1440
Delta R.T. -0.25 min
Lab File: BF107568.D
Acq: 21 Jul 2018 11:36

Instrument :
BNA_F
ClientSampleId :
071818-DBRI-E-D-B

Tgt Ion:248 Resp: 24660
Ion Ratio Lower Upper
248 100
250 203.6 76.9 115.3#
141 537.0 74.4 111.6#

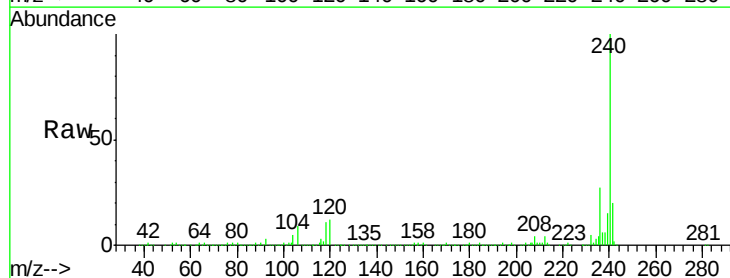


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

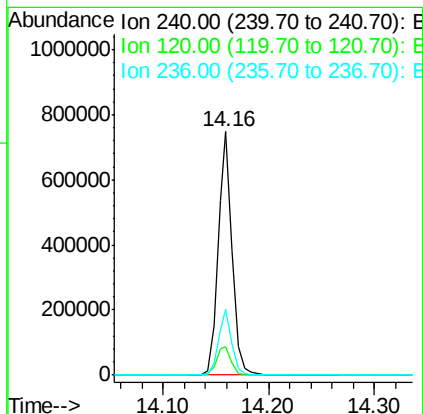
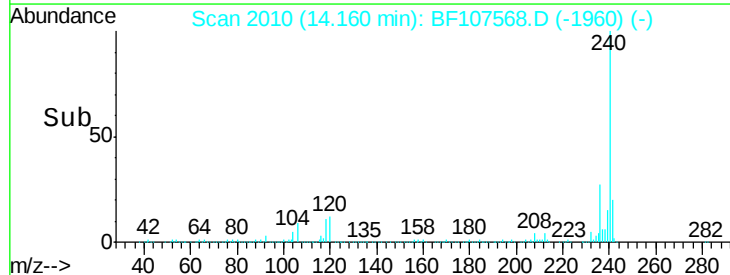


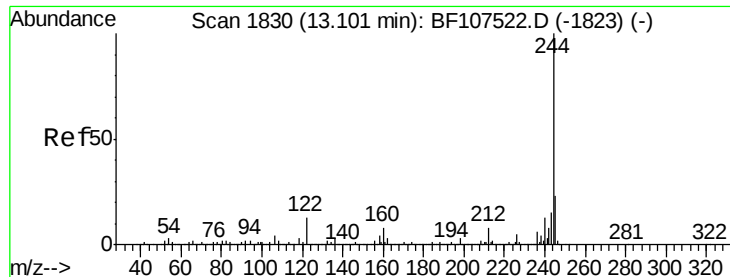
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF107568.D
Acq: 21 Jul 2018 11:36

Tgt Ion:240 Resp: 695706
Ion Ratio Lower Upper
240 100
120 11.6 9.5 14.3
236 26.7 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: 75.680 ng

RT: 13.09 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF107568.D

Acq: 21 Jul 2018 11:36

Instrument :

BNA_F

ClientSampleId :

071818-DBRI-E-D-B

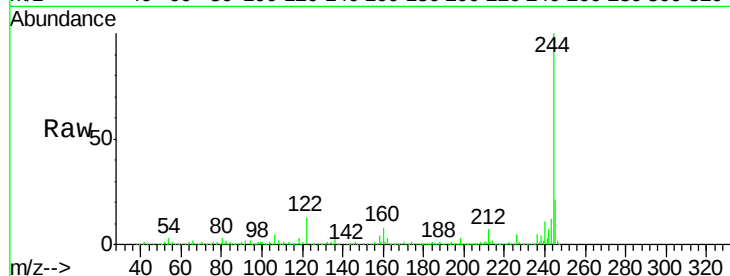
Tgt Ion:244 Resp: 2056609

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

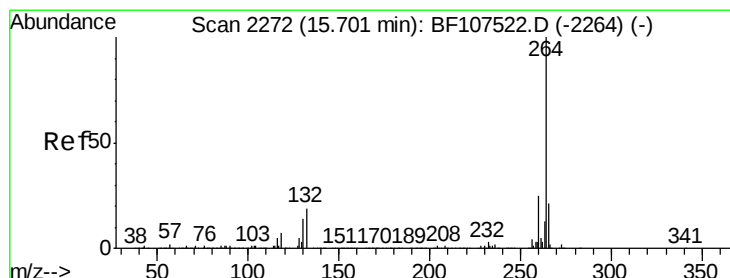
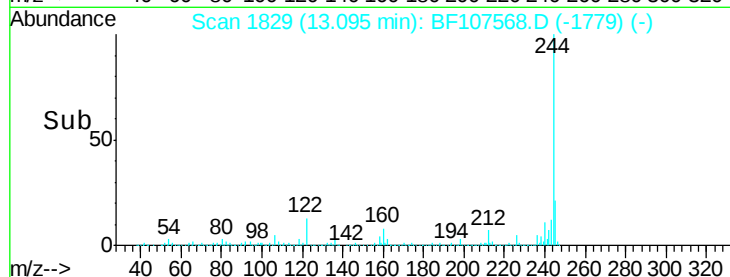
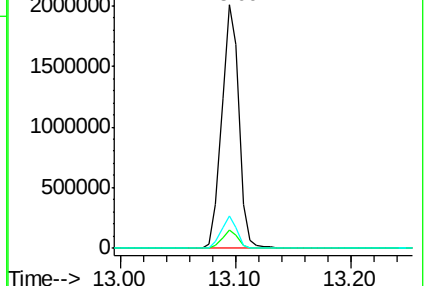
122 13.1 11.0 16.4



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: BF107568.D

Acq: 21 Jul 2018 11:36

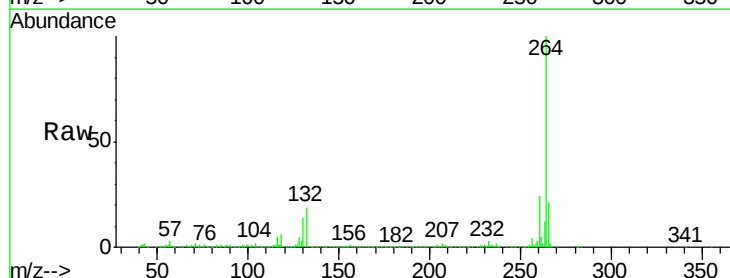
Tgt Ion:264 Resp: 621789

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.4 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

