

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
 Data File : BF107510.D
 Acq On : 19 Jul 2018 12:00
 Operator : JU/SJ
 Sample : J4033-03RE
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 071618-DBRI-F-D-BRE

Quant Time: Jul 19 14:44:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 18 11:55:34 2018
 Response via : Initial Calibration

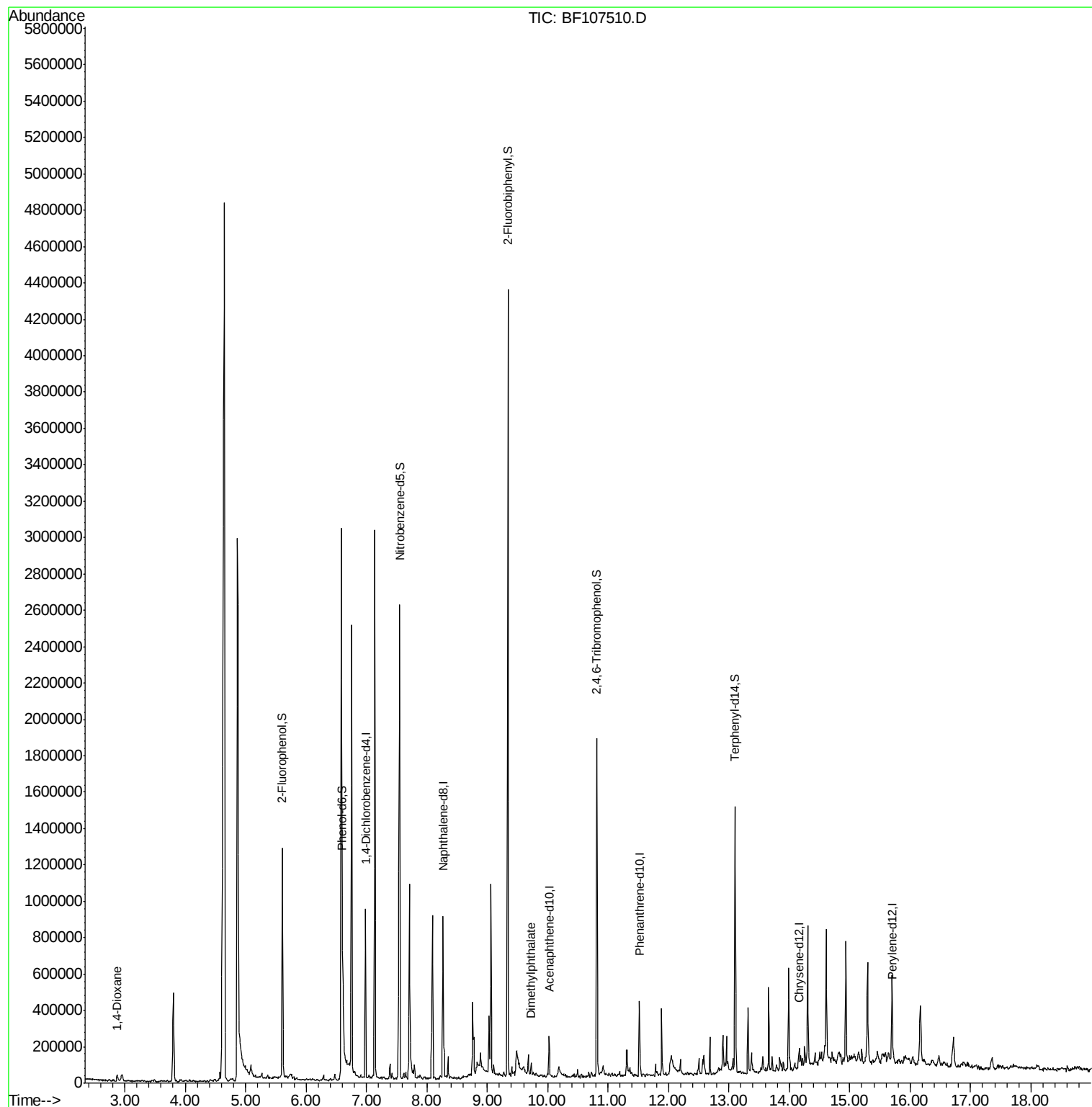
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	103678	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	279856	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	19521	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	89697	20.00	ng	-0.01
75) Chrysene-d12	14.17	240	10614	20.00	ng	-0.01
86) Perylene-d12	15.72	264	790m	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	277571	40.66	ng	0.00
7) Phenol-d6	6.60	99	36723	4.16	ng	-0.01
23) Nitrobenzene-d5	7.55	82	794994	151.48	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	176499	1029.06	ng	-0.01
44) 2-Fluorobiphenyl	9.34	172	1238543	1200.07	ng	0.00
78) Terphenyl-d14	13.10	244	268922	629.51	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	2.87	88	15270	4.531	ng	# 87
49) Dimethylphthalate	9.72	163	22248	14.344	ng	# 94

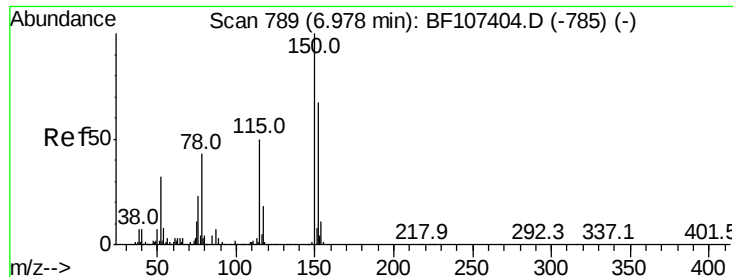
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.98 min Scan# 790

Delta R.T. -0.01 min

Lab File: BF107510.D

Acq: 19 Jul 2018 12:00

Instrument :

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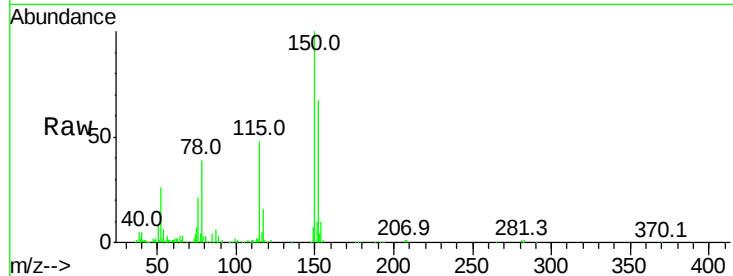
Tot Ion:152 Resp: 103678

Ion Ratio Lower Upper

152 100

150 148.8 124.6 186.8

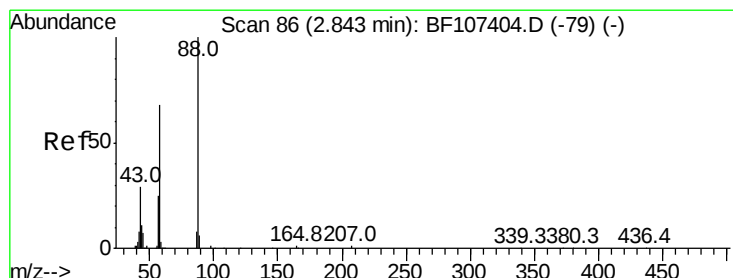
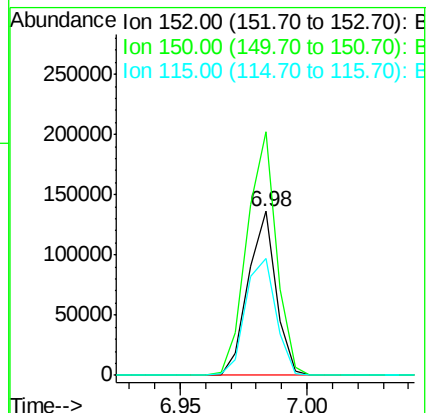
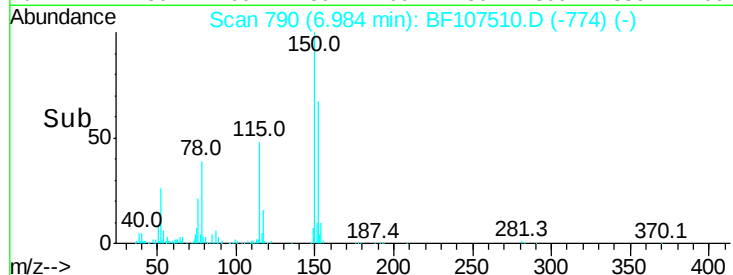
115 71.1 50.1 75.1



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



#2

1,4-Dioxane

Concen: 4.531 ng

RT: 2.87 min Scan# 91

Delta R.T. -0.01 min

Lab File: BF107510.D

Acq: 19 Jul 2018 12:00

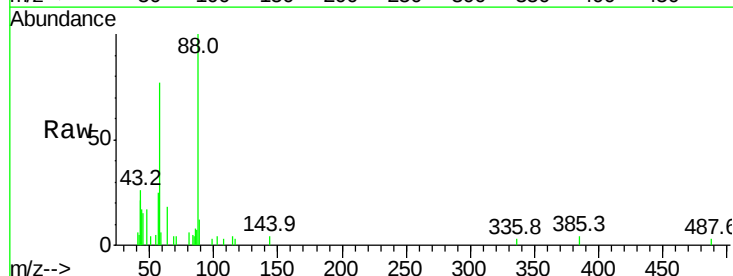
Tgt Ion: 88 Resp: 15270

Ion Ratio Lower Upper

88 100

58 70.6 62.6 93.8

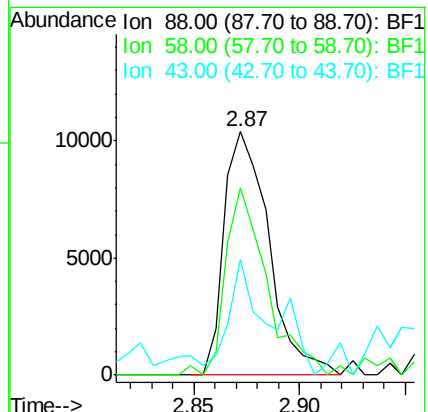
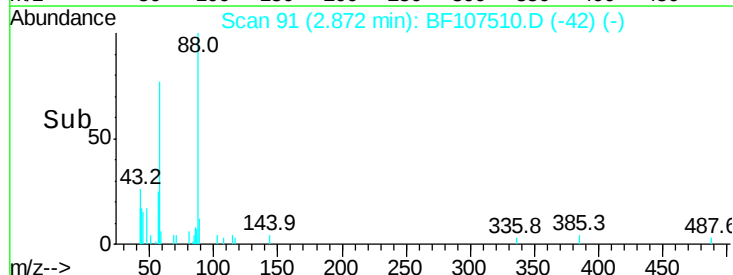
43 44.5 24.6 37.0#

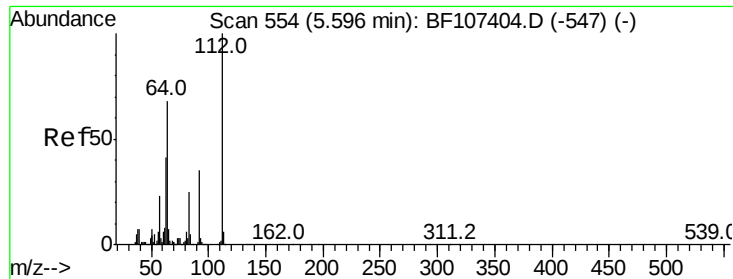


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#5

2-Fluorophenol

Concen: 40.660 ng

RT: 5.61 min Scan# 556

Delta R.T. -0.01 min

Lab File: BF107510.D

Acq: 19 Jul 2018 12:00

Instrument :

BNA_F

ClientSampleId :

071618-DBRI-F-D-BRE

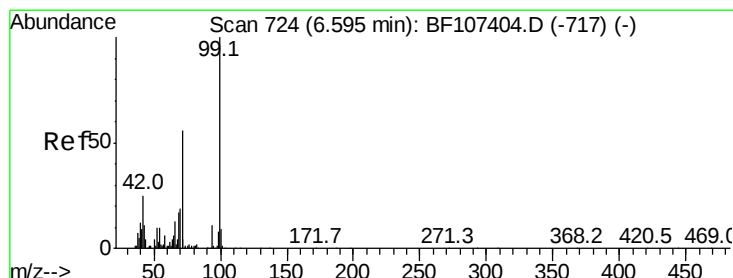
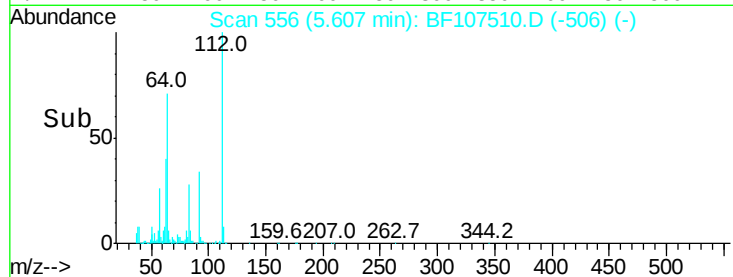
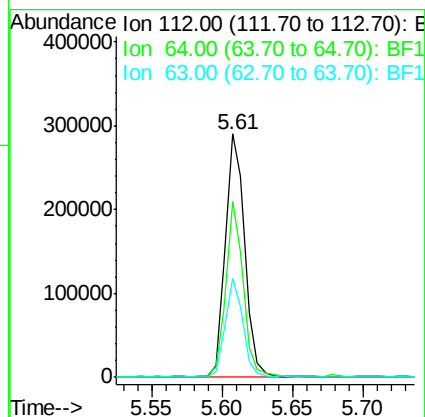
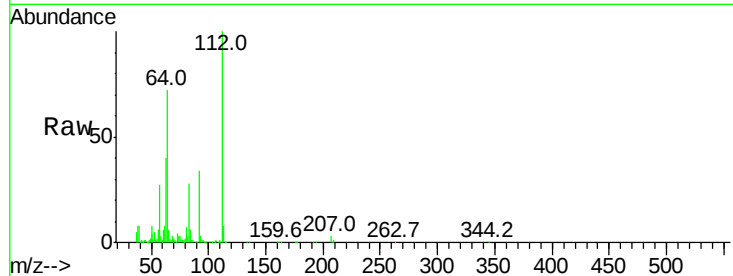
Tot Ion:112 Resp: 277571

Ion Ratio Lower Upper

112 100

64 72.3 47.9 71.9#

63 40.5 23.7 35.5#



#7

Phenol-d6

Concen: 4.161 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107510.D

Acq: 19 Jul 2018 12:00

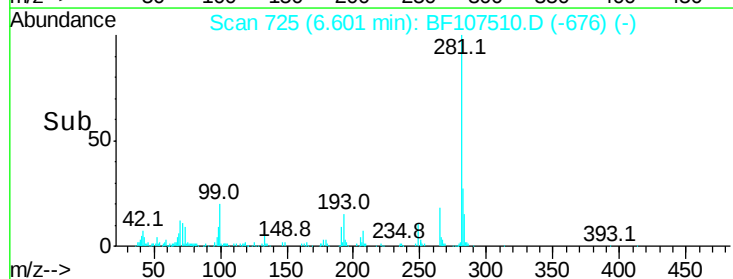
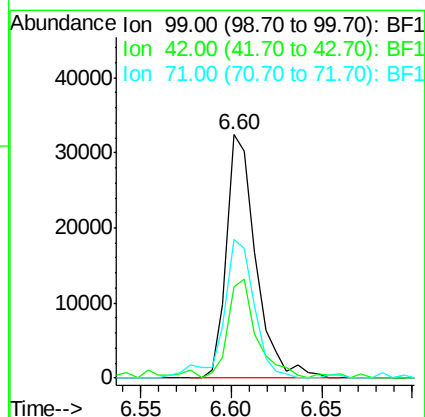
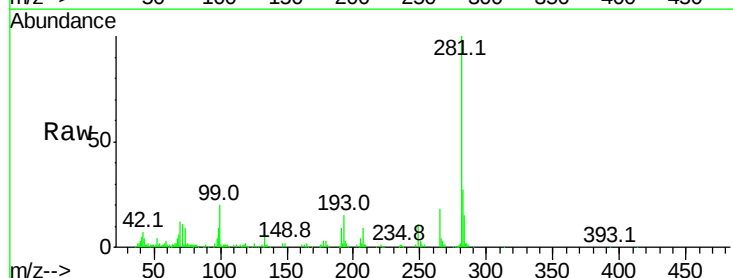
Tgt Ion: 99 Resp: 36723

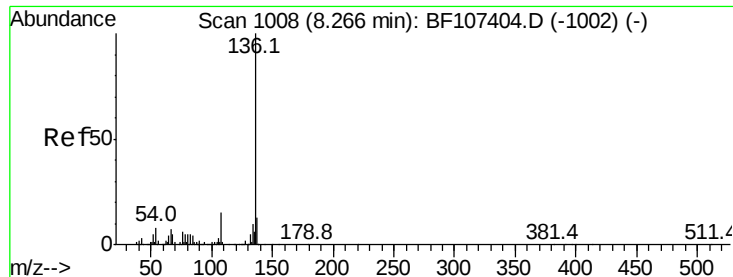
Ion Ratio Lower Upper

99 100

42 37.7 14.5 21.7#

71 56.7 25.4 38.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.27 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF107510.D

Acq: 19 Jul 2018 12:00

Instrument :

BNA_F

ClientSampleId :

071618-DBRI-F-D-BRE

Tot Ion:136 Resp: 279856

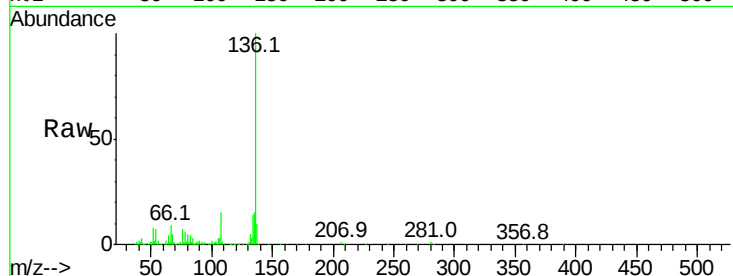
Ion Ratio Lower Upper

136 100

137 9.9 8.9 13.3

54 7.3 6.6 9.8

68 5.1 5.0 7.4

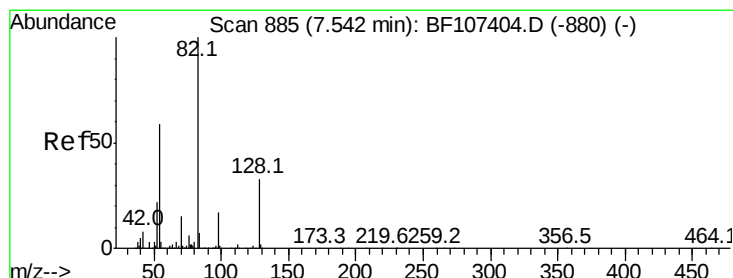
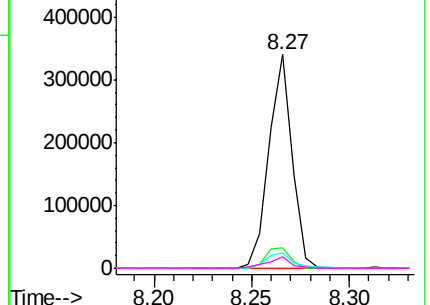
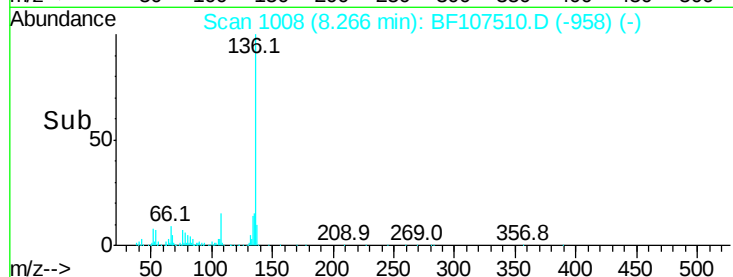


Abundance Ion 136.00 (135.70 to 136.70): E

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: 151.479 ng

RT: 7.55 min Scan# 886

Delta R.T. -0.01 min

Lab File: BF107510.D

Acq: 19 Jul 2018 12:00

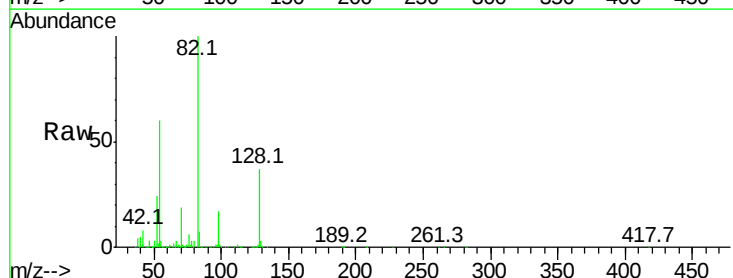
Tgt Ion: 82 Resp: 794994

Ion Ratio Lower Upper

82 100

128 37.0 36.1 54.1

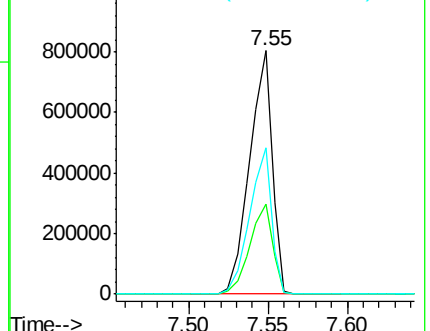
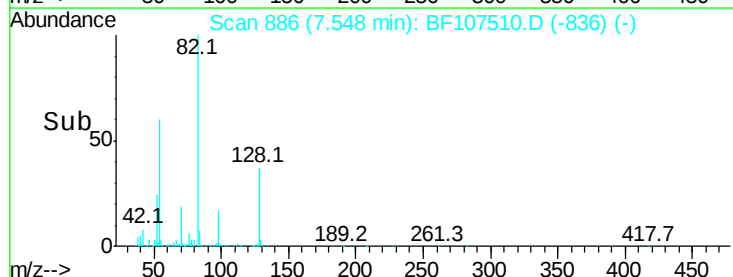
54 60.3 41.4 62.2

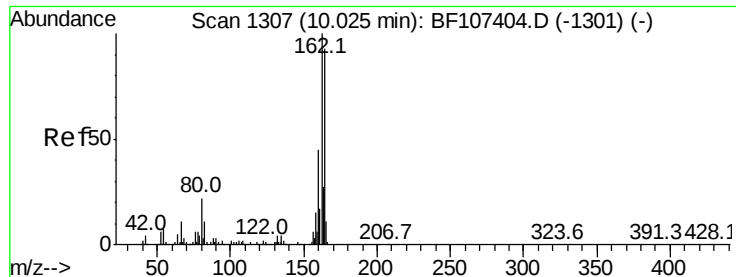


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF107510.D

Acq: 19 Jul 2018 12:00

Instrument :

BNA_F

ClientSampleId :

071618-DBRI-F-D-BRE

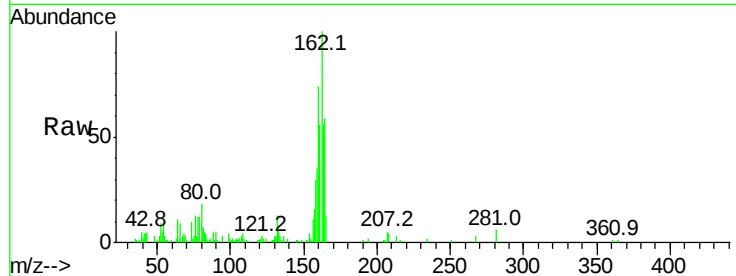
Tot Ion:164 Resp: 19521

Ion Ratio Lower Upper

164 100

162 169.1 86.1 129.1#

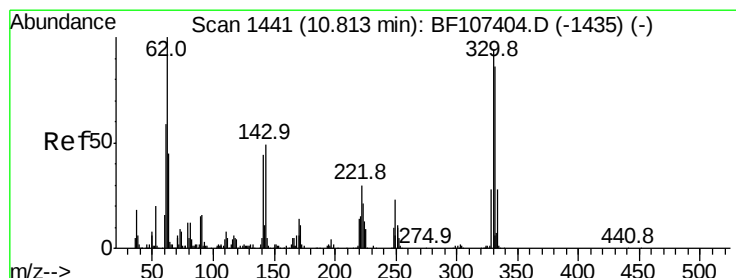
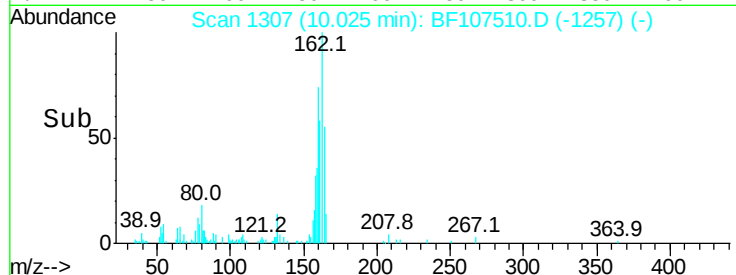
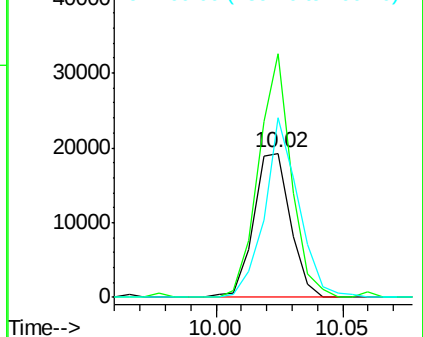
160 124.4 38.3 57.5#



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: 1029.059 ng

RT: 10.82 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF107510.D

Acq: 19 Jul 2018 12:00

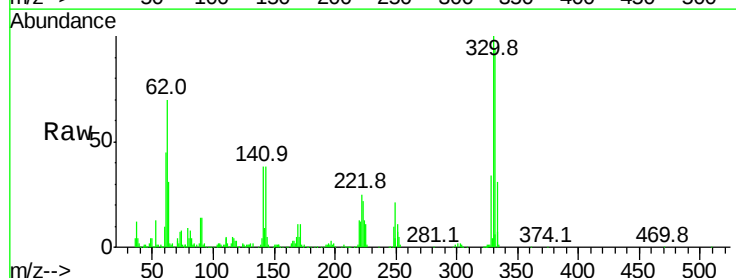
Tgt Ion:330 Resp: 176499

Ion Ratio Lower Upper

330 100

332 93.6 77.0 115.6

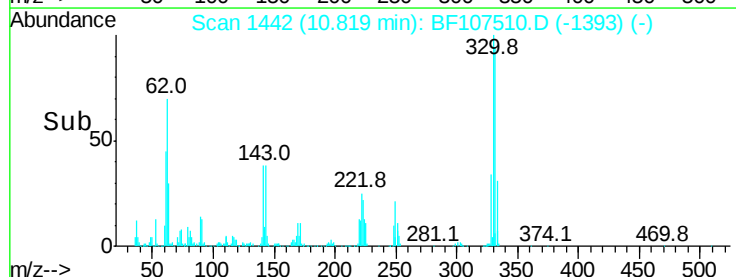
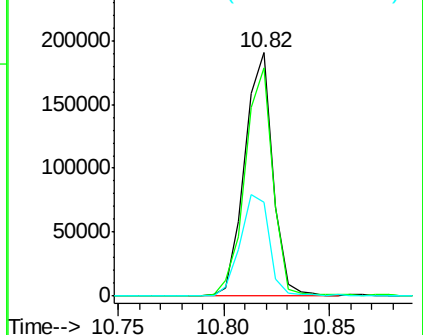
141 43.7 29.9 44.9

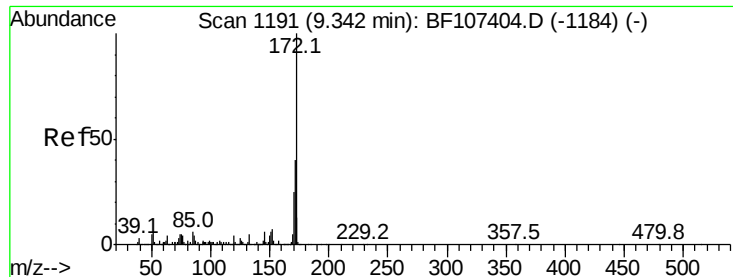


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 1200.070 ng

RT: 9.34 min Scan# 1191

Delta R.T. -0.01 min

Lab File: BF107510.D

Acq: 19 Jul 2018 12:00

Instrument :

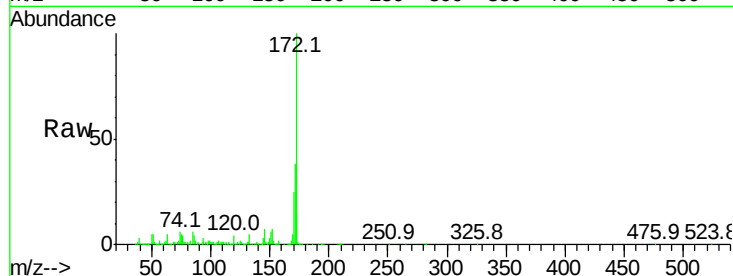
BNA_F

ClientSampleId :

071618-DBRI-F-D-BRE

Tot Ion:172 Resp: 1238543

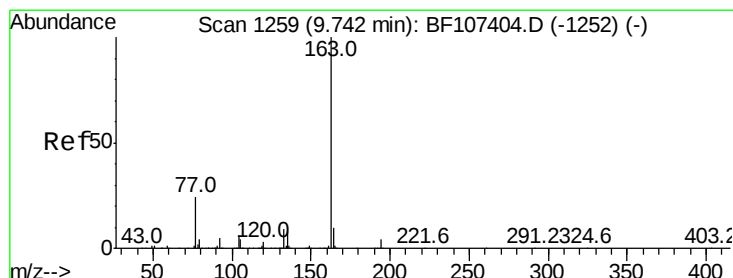
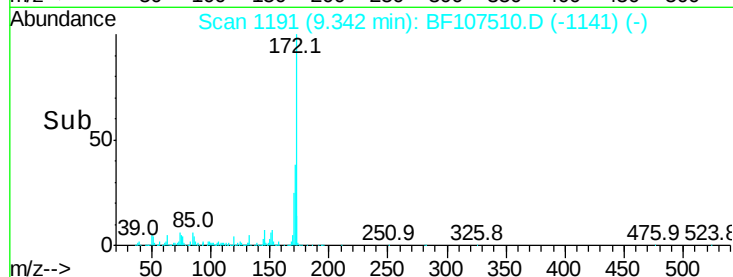
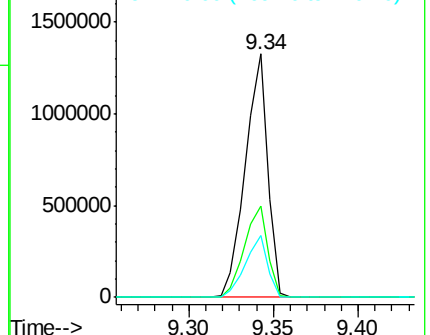
Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.7	44.5
170	25.3	19.6	29.4



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



#49

Dimethylphthalate

Concen: 14.344 ng

RT: 9.72 min Scan# 1256

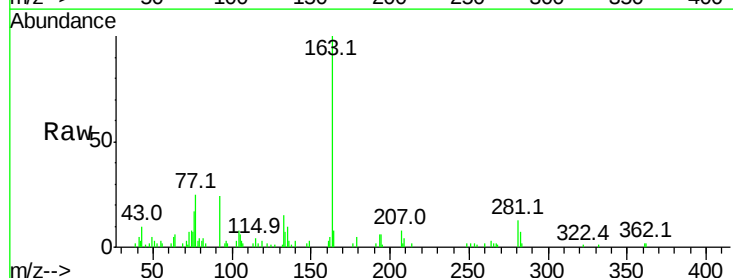
Delta R.T. -0.02 min

Lab File: BF107510.D

Acq: 19 Jul 2018 12:00

Tgt Ion:163 Resp: 22248

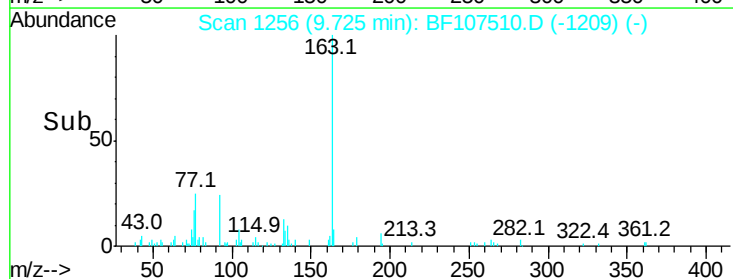
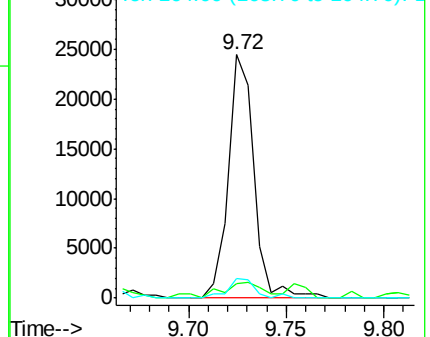
Ion	Ratio	Lower	Upper
163	100		
194	5.7	2.7	4.1#
164	8.0	8.2	12.2#

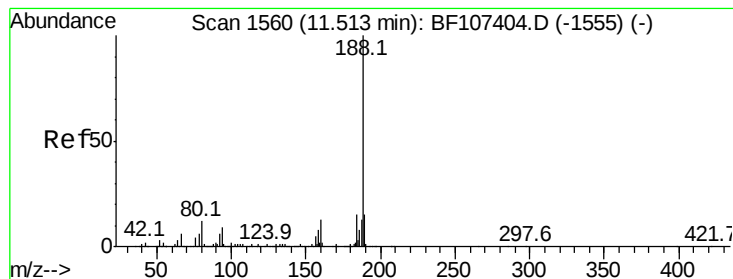


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.51 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BF107510.D

Acq: 19 Jul 2018 12:00

Instrument :

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ClientSampleId :

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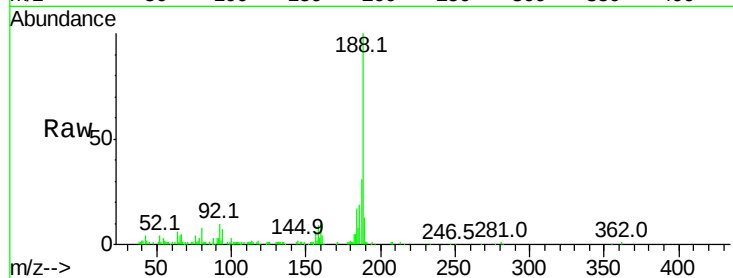
Tot Ion:188 Resp: 89697

Ion Ratio Lower Upper

188 100

94 7.4 8.5 12.7#

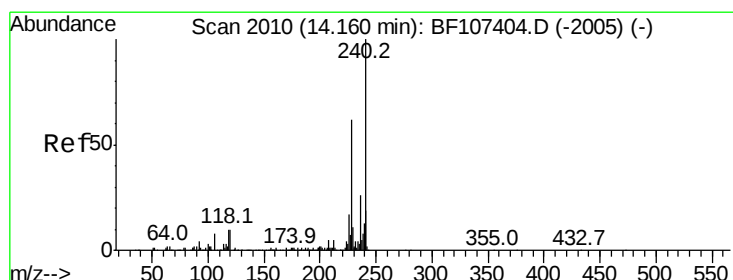
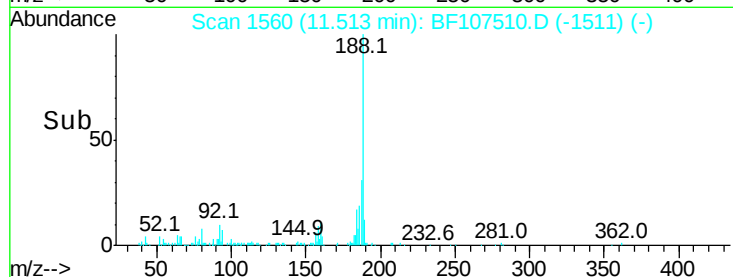
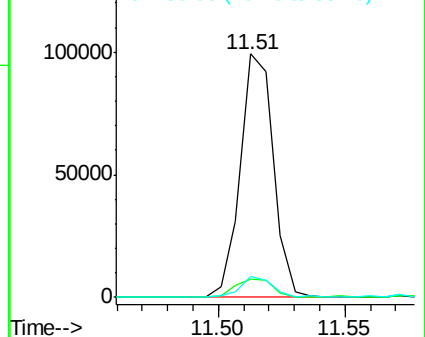
80 8.5 9.2 13.8#



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF107510.D

Acq: 19 Jul 2018 12:00

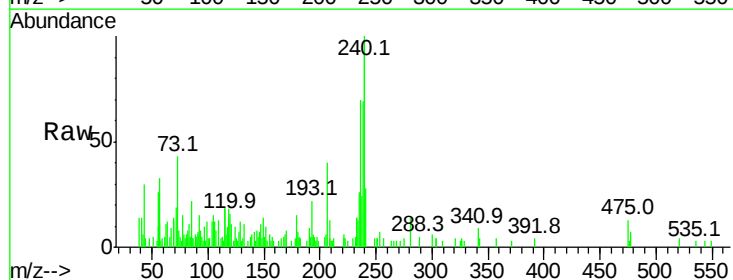
Tgt Ion:240 Resp: 10614

Ion Ratio Lower Upper

240 100

120 26.7 9.5 14.3#

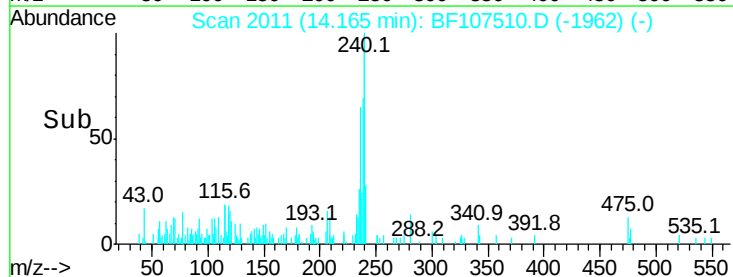
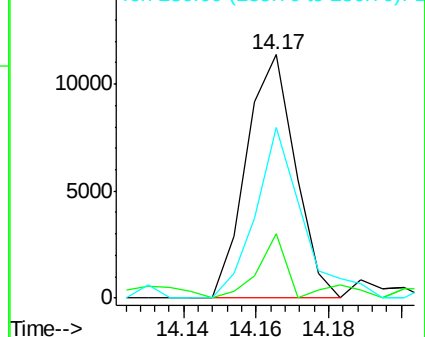
236 70.3 20.7 31.1#

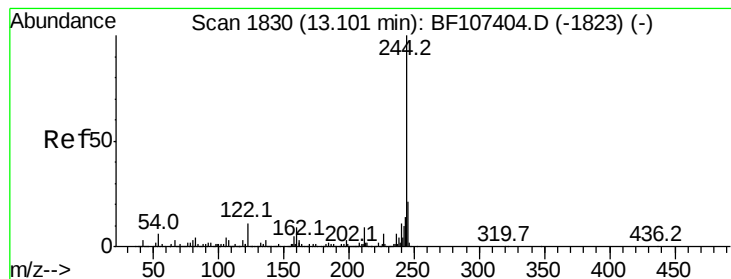


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 629.506 ng

RT: 13.10 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF107510.D

Acq: 19 Jul 2018 12:00

Instrument :

BNA_F

ClientSampleId :

071618-DBRI-F-D-BRE

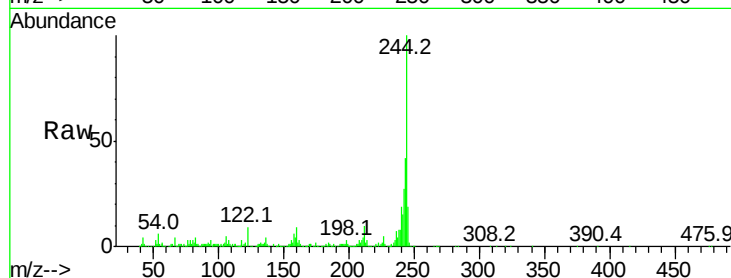
Tot Ion:244 Resp: 268922

Ion Ratio Lower Upper

244 100

212 10.2 5.4 8.0#

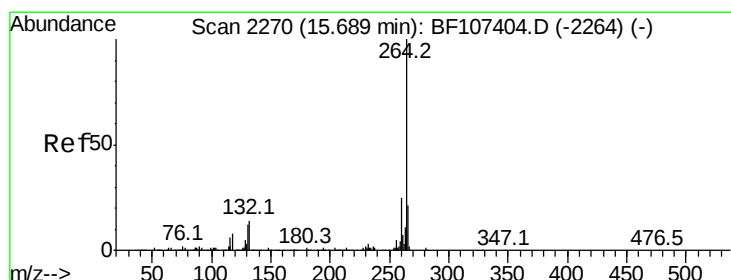
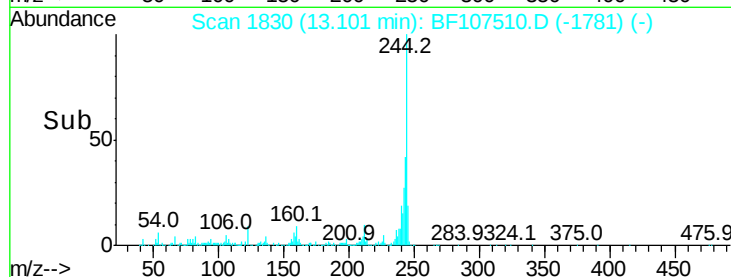
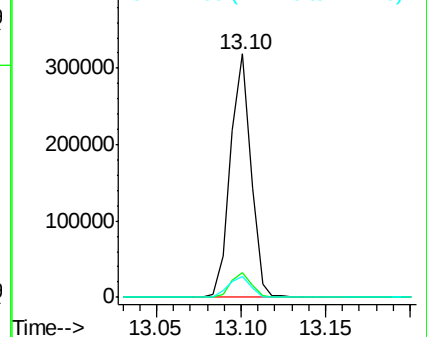
122 8.7 11.0 16.4#



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 m

RT: 15.72 min Scan# 2275

Delta R.T. 0.01 min

Lab File: BF107510.D

Acq: 19 Jul 2018 12:00

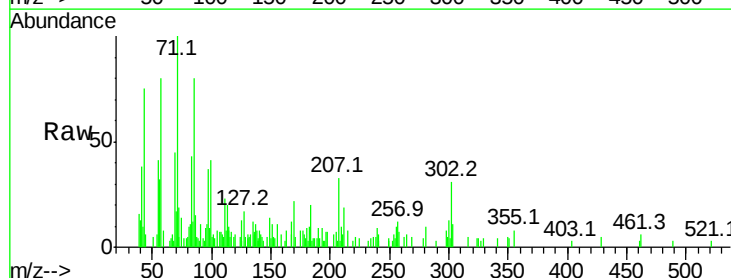
Tgt Ion:264 Resp: 790

Ion Ratio Lower Upper

264 100

260 0.0 19.2 28.8#

265 0.0 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

