

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
 Data File : BF107435.D
 Acq On : 17 Jul 2018 6:07
 Operator : JU/SJ
 Sample : J3633-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-1(0-3)

Quant Time: Jul 17 07:25:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 16 17:24:26 2018
 Response via : Initial Calibration

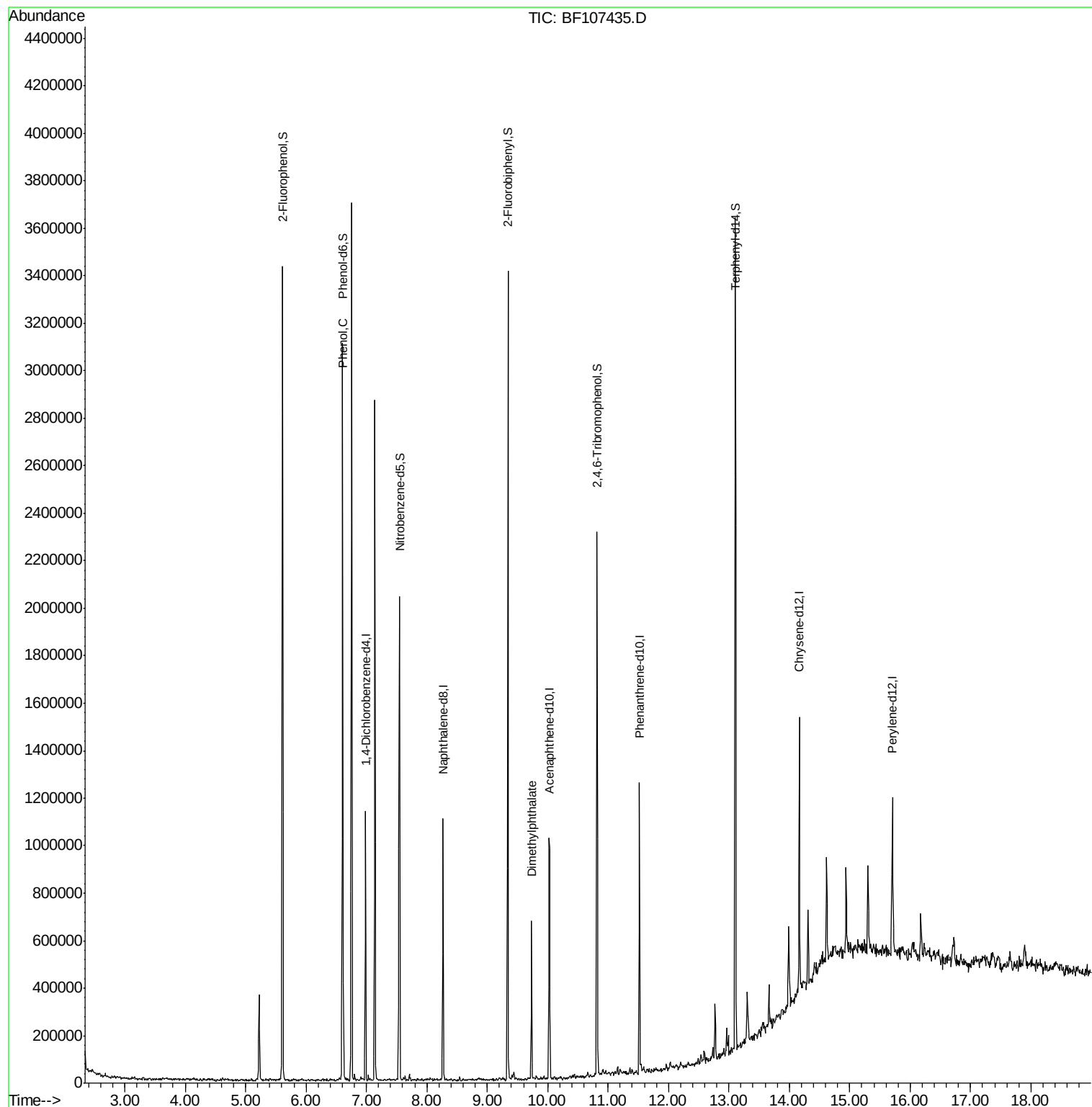
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	128612	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	402454	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	184354	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	389389	20.00	ng	0.00
75) Chrysene-d12	14.17	240	371054	20.00	ng	0.00
86) Perylene-d12	15.70	264	234845	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	770500	90.99	ng	0.02
7) Phenol-d6	6.61	99	989070	90.34	ng	0.01
23) Nitrobenzene-d5	7.55	82	654344	86.70	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	172310	106.38	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	897718	80.64	ng	0.00
78) Terphenyl-d14	13.11	244	1045243	69.99	ng	0.00
Target Compounds						
10) Phenol	6.62	94	29804	2.539	ng	79
49) Dimethylphthalate	9.73	163	201849	13.780	ng	99

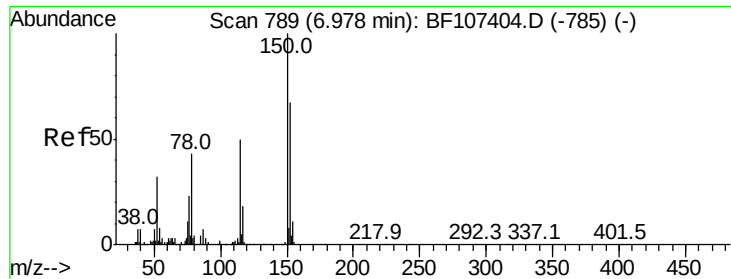
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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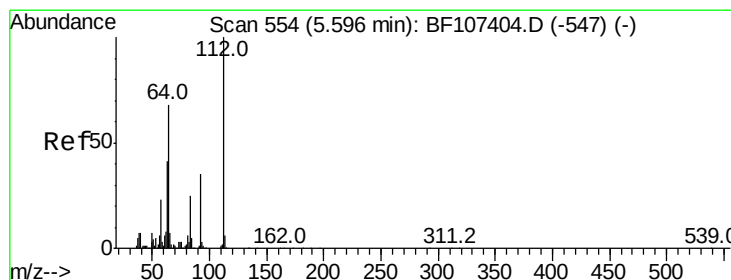
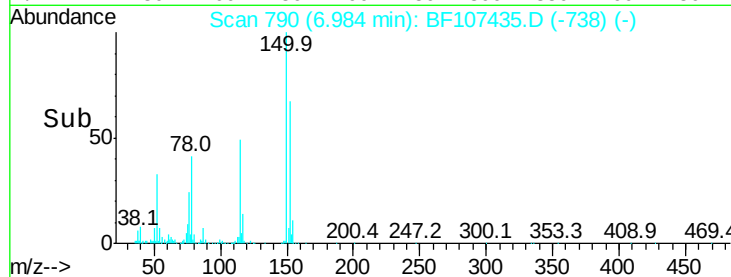
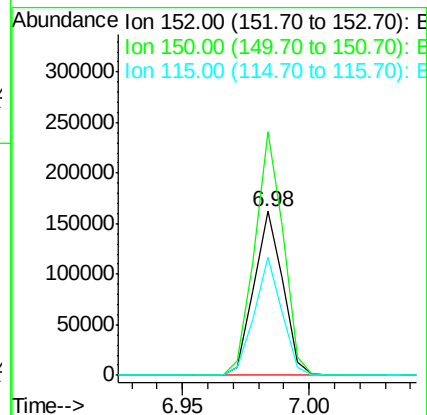
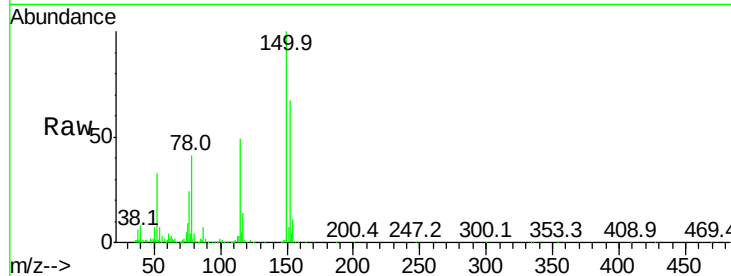


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 790
Delta R.T. 0.01 min
Lab File: BF107435.D
Acq: 17 Jul 2018 6:07

Instrument :
BNA_F
ClientSampleId :
C-1(0-3)

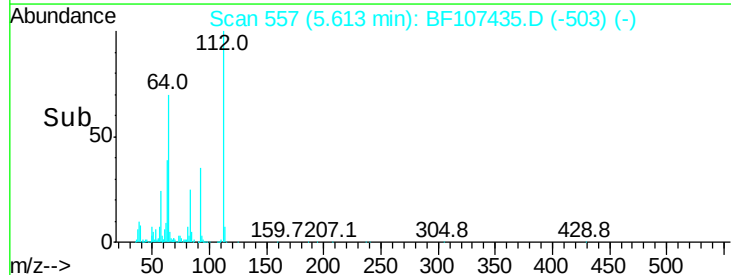
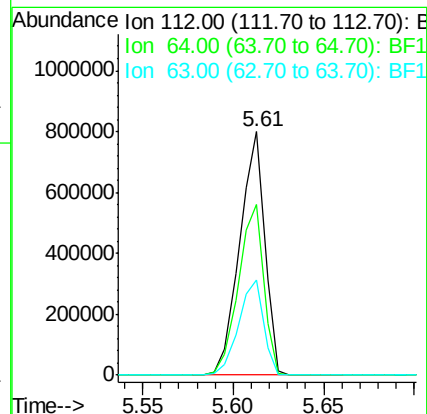
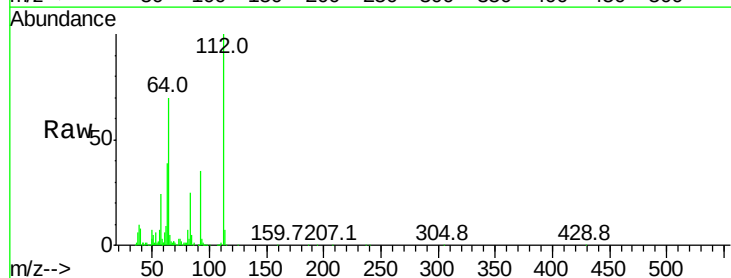
Tot Ion	Ratio	Lower	Upper
152	100		
150	148.4	124.6	186.8
115	72.3	50.1	75.1

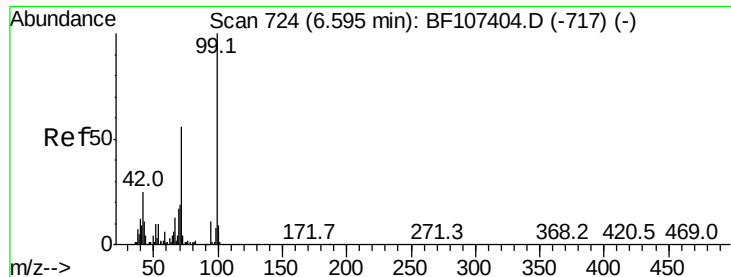


#5

2-Fluorophenol
Concen: 90.986 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.02 min
Lab File: BF107435.D
Acq: 17 Jul 2018 6:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.8	47.9	71.9
63	39.2	23.7	35.5





#7

Phenol-d6

Concen: 90.338 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF107435.D

Acq: 17 Jul 2018 6:07

Instrument :

BNA_F

ClientSampleId :

C-1(0-3)

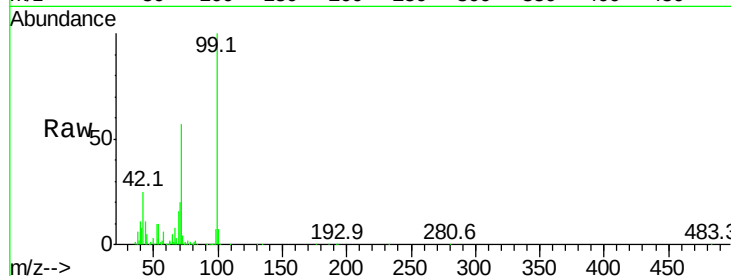
Tot Ion: 99 Resp: 989070

Ion Ratio Lower Upper

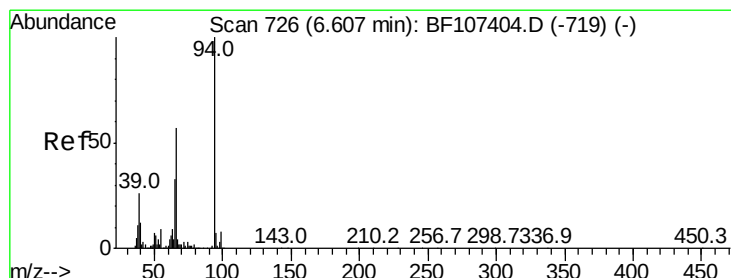
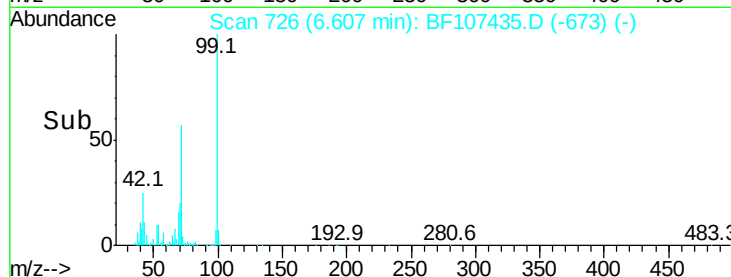
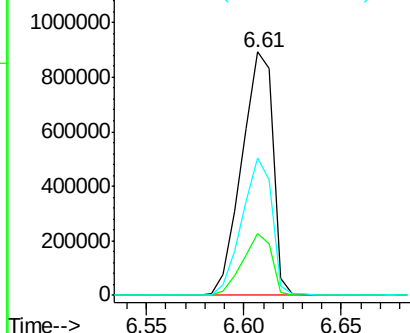
99 100

42 25.3 14.5 21.7#

71 56.7 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



#10

Phenol

Concen: 2.539 ng

RT: 6.62 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF107435.D

Acq: 17 Jul 2018 6:07

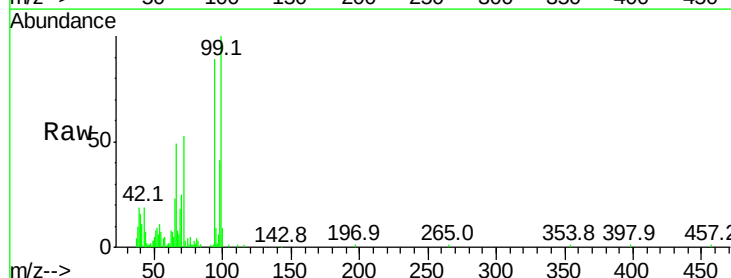
Tgt Ion: 94 Resp: 29804

Ion Ratio Lower Upper

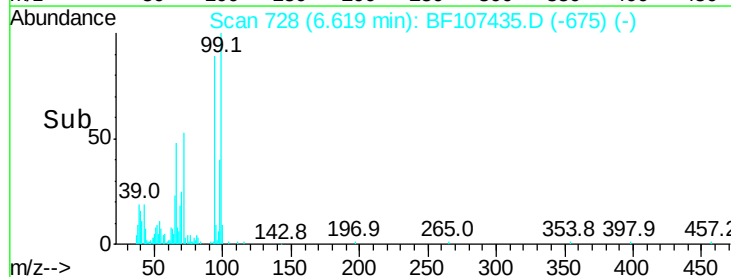
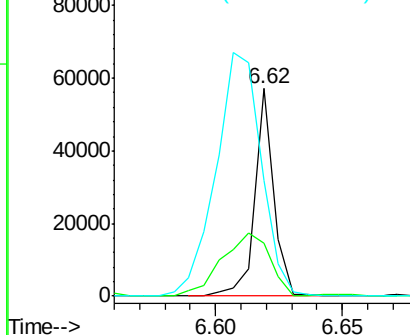
94 100

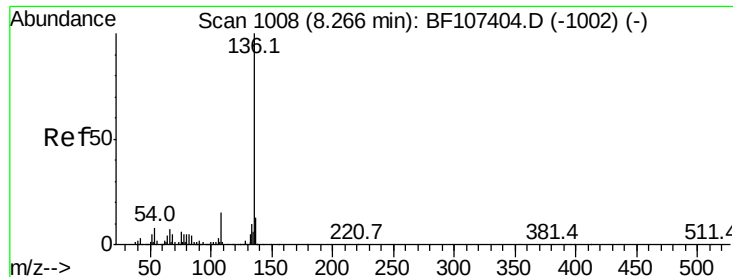
65 25.5 7.9 47.9

66 55.6 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.27 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BF107435.D

Acq: 17 Jul 2018 6:07

Instrument :

BNA_F

ClientSampleId :

C-1(0-3)

Tot Ion:136 Resp: 402454

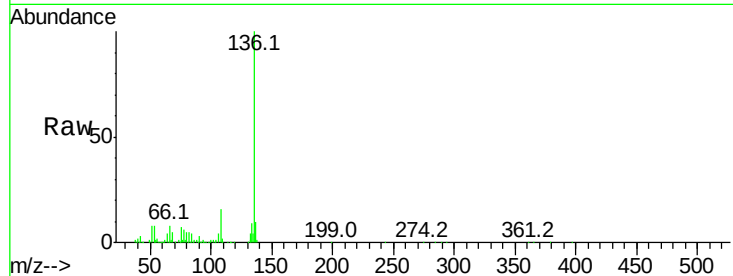
Ion Ratio Lower Upper

136 100

137 10.0 8.9 13.3

54 8.5 6.6 9.8

68 5.0 5.0 7.4

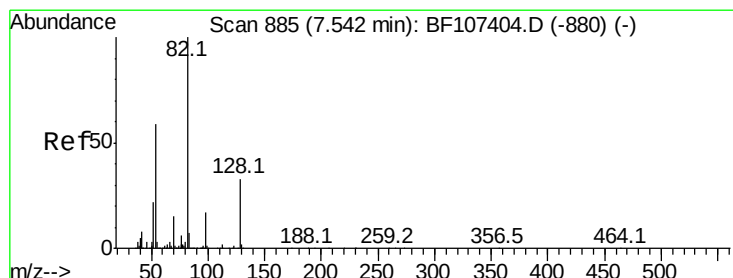
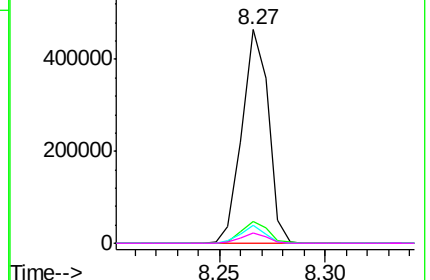
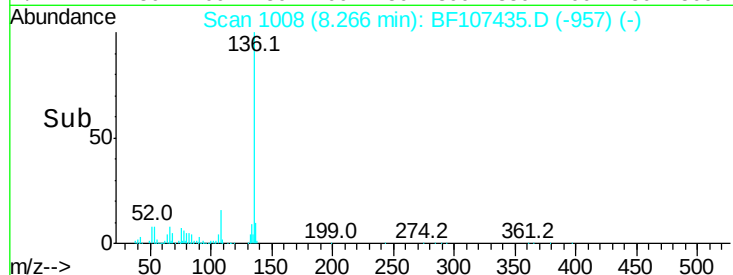


Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.699 ng

RT: 7.55 min Scan# 886

Delta R.T. 0.01 min

Lab File: BF107435.D

Acq: 17 Jul 2018 6:07

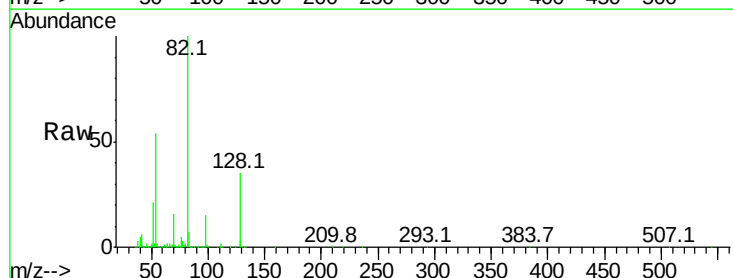
Tgt Ion: 82 Resp: 654344

Ion Ratio Lower Upper

82 100

128 35.0 36.1 54.1#

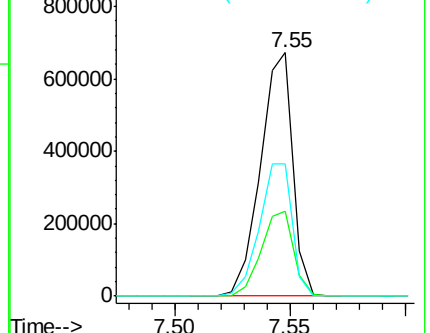
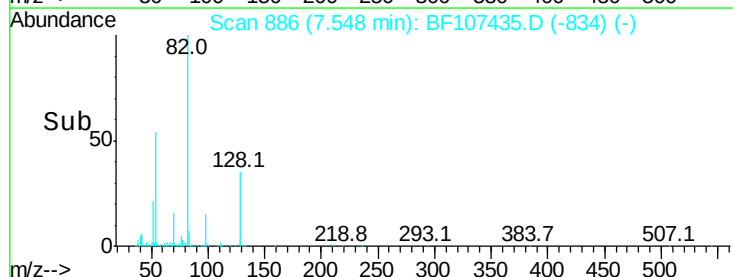
54 54.1 41.4 62.2

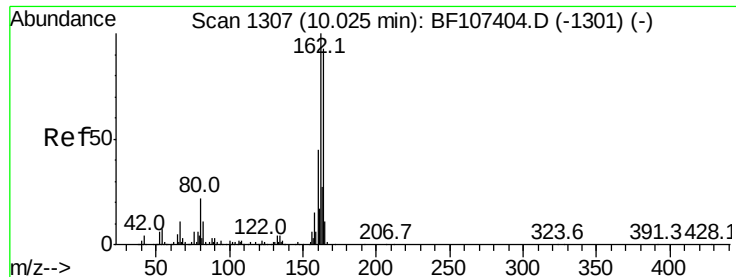


Abundance Ion 82.00 (81.70 to 82.70): BF1

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. -0.00 min

Lab File: BF107435.D

Acq: 17 Jul 2018 6:07

Instrument :

BNA_F

ClientSampleId :

C-1(0-3)

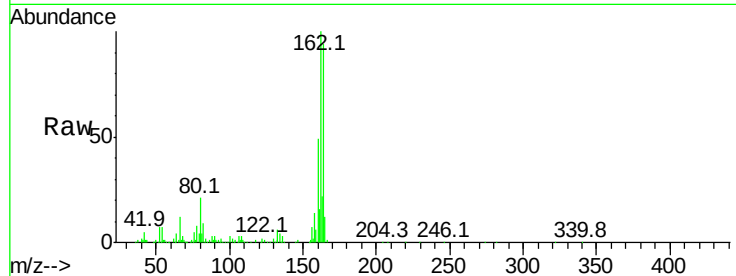
Tot Ion:164 Resp: 184354

Ion Ratio Lower Upper

164 100

162 106.7 86.1 129.1

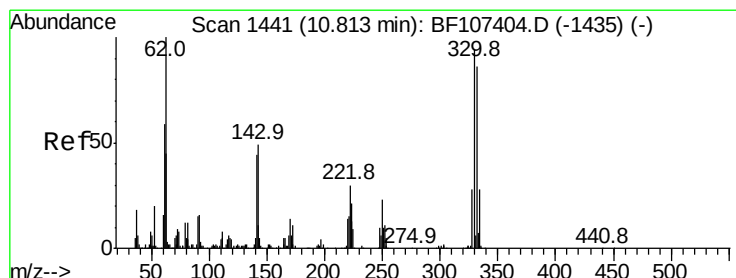
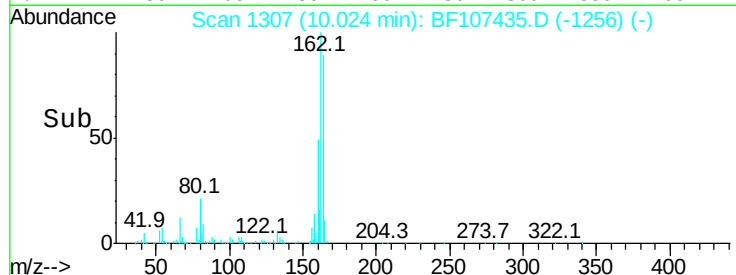
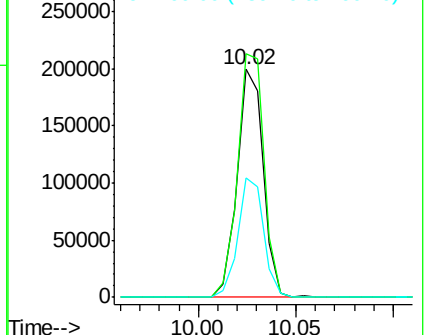
160 52.3 38.3 57.5



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: 106.379 ng

RT: 10.82 min Scan# 1442

Delta R.T. 0.01 min

Lab File: BF107435.D

Acq: 17 Jul 2018 6:07

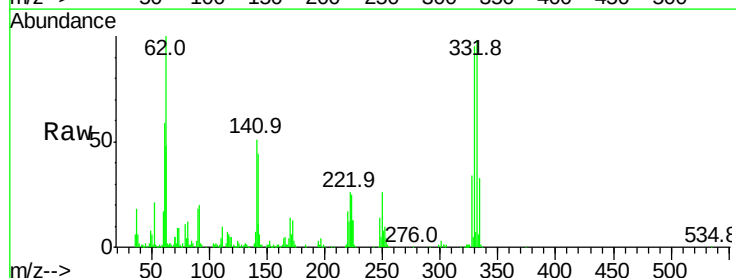
Tgt Ion:330 Resp: 172310

Ion Ratio Lower Upper

330 100

332 100.1 77.0 115.6

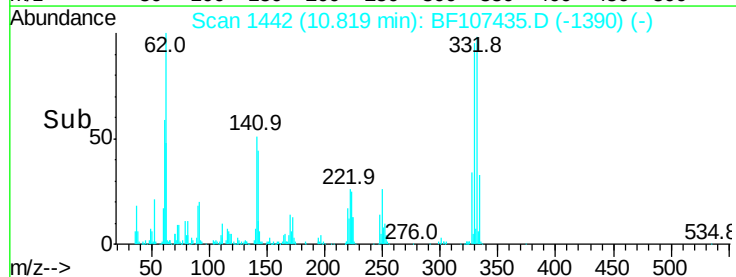
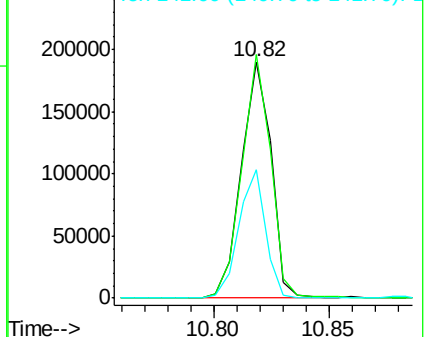
141 48.7 29.9 44.9#

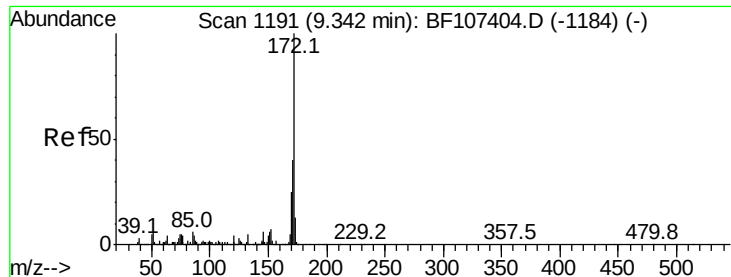


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

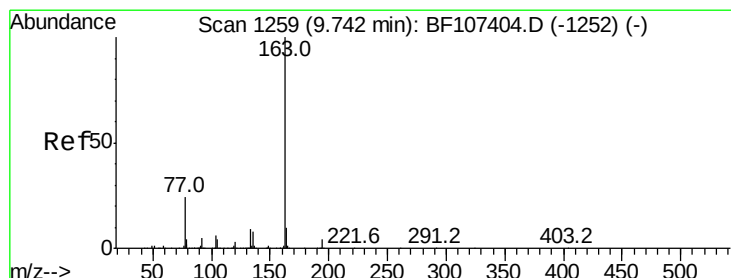
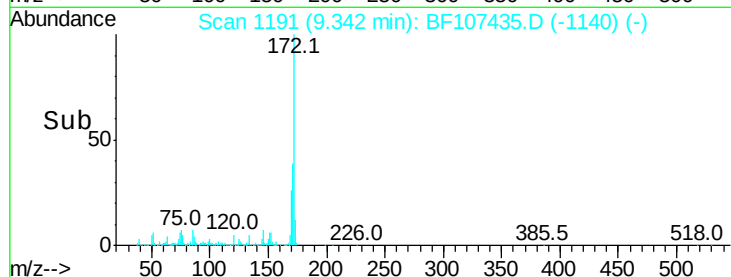
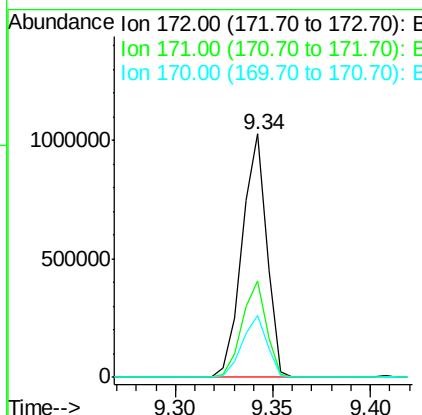
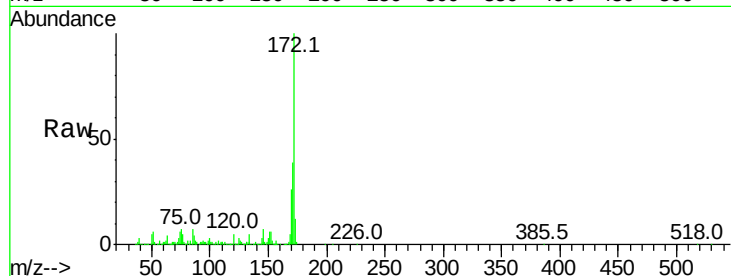




#44
2-Fluorobiphenyl
Concen: 80.635 ng
RT: 9.34 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BF107435.D
Acq: 17 Jul 2018 6:07

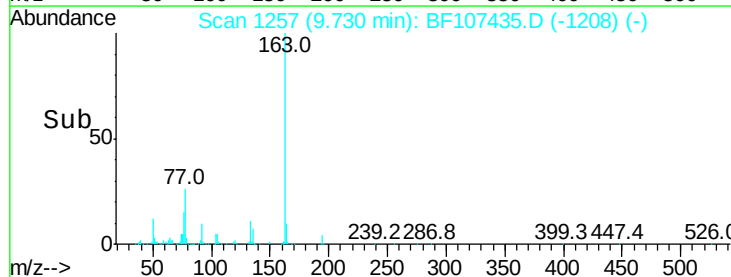
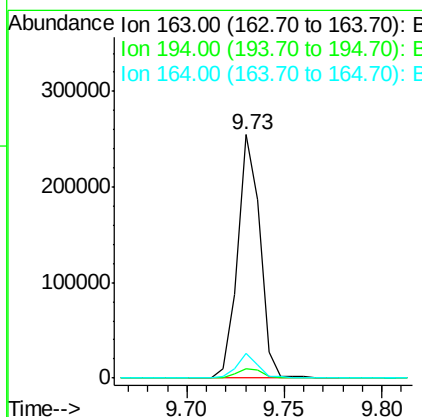
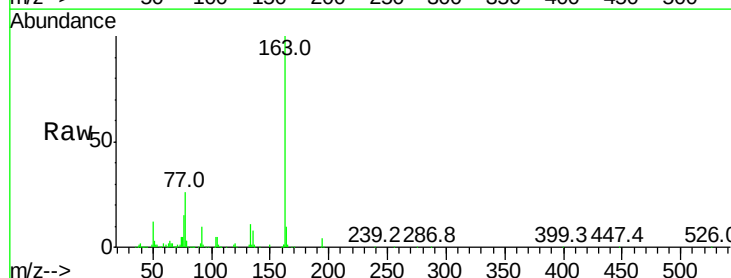
Instrument :
BNA_F
ClientSampleId :
C-1(0-3)

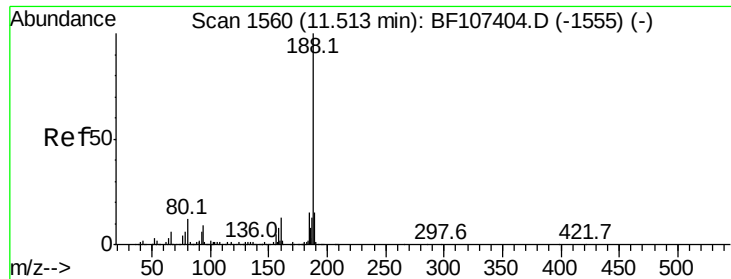
Tot Ion:172 Resp: 897718
Ion Ratio Lower Upper
172 100
171 39.4 29.7 44.5
170 25.5 19.6 29.4



#49
Dimethylphthalate
Concen: 13.780 ng
RT: 9.73 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF107435.D
Acq: 17 Jul 2018 6:07

Tgt Ion:163 Resp: 201849
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.1 8.2 12.2

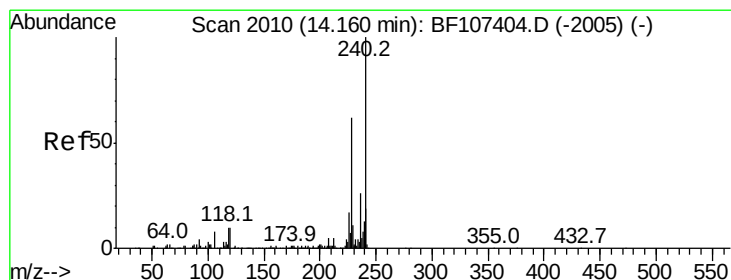
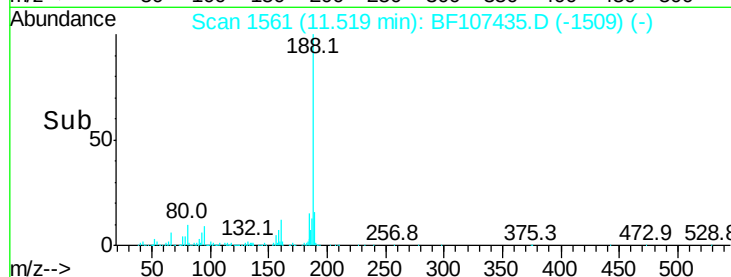
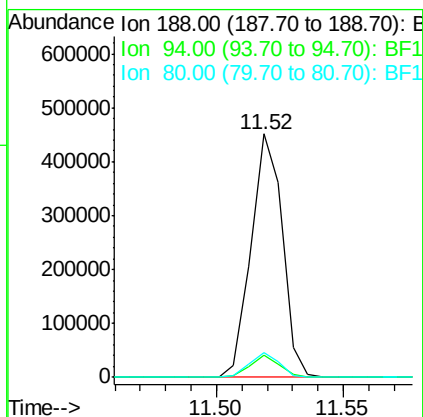
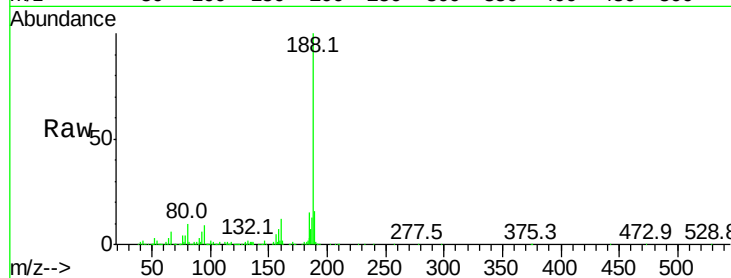




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1561
Delta R.T. 0.01 min
Lab File: BF107435.D
Acq: 17 Jul 2018 6:07

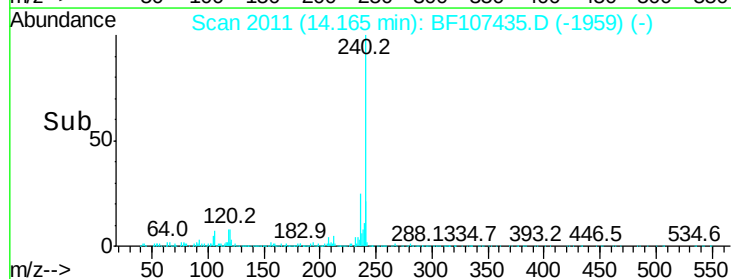
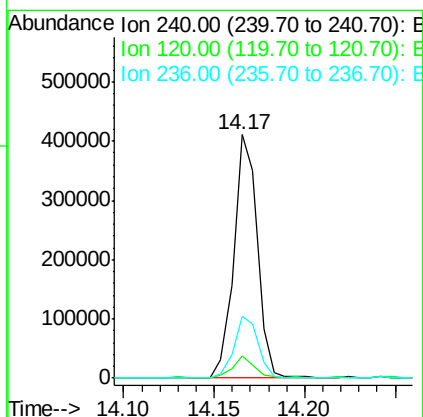
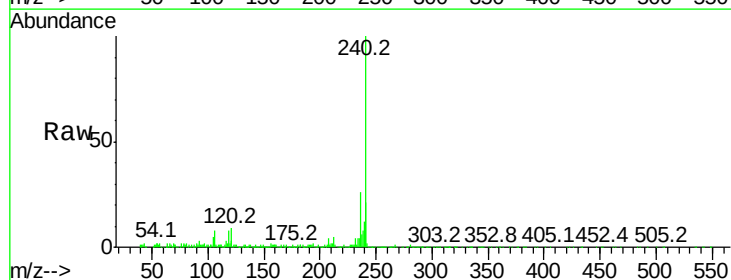
Instrument :
BNA_F
ClientSampleId :
C-1(0-3)

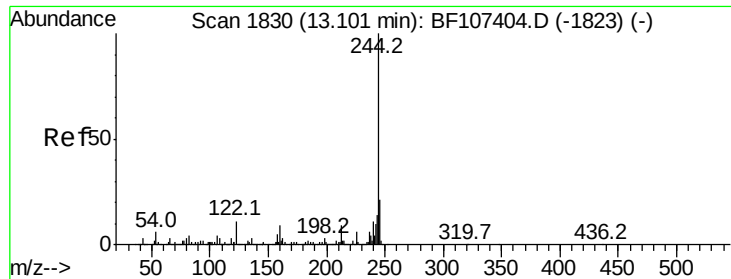
Tot Ion:188 Resp: 389389
Ion Ratio Lower Upper
188 100
94 8.9 8.5 12.7
80 10.1 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.17 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BF107435.D
Acq: 17 Jul 2018 6:07

Tgt Ion:240 Resp: 371054
Ion Ratio Lower Upper
240 100
120 9.0 9.5 14.3#
236 25.5 20.7 31.1





#78

Terphenyl-d14

Concen: 69.989 ng

RT: 13.11 min Scan# 1831

Delta R.T. 0.01 min

Lab File: BF107435.D

Acq: 17 Jul 2018 6:07

Instrument :

BNA_F

ClientSampled :

C-1(0-3)

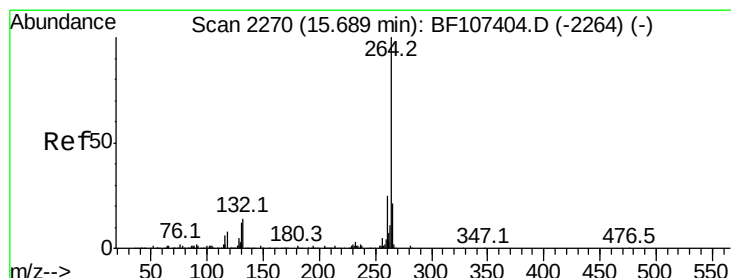
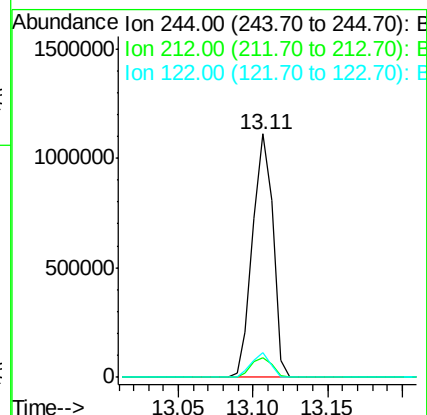
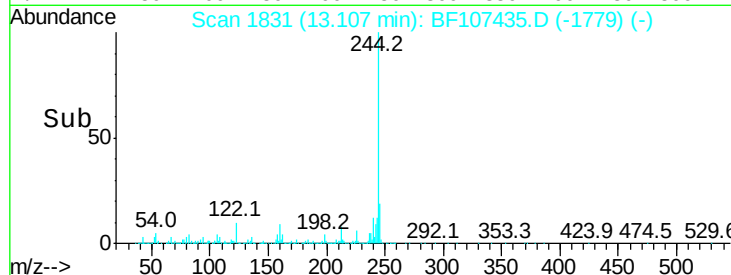
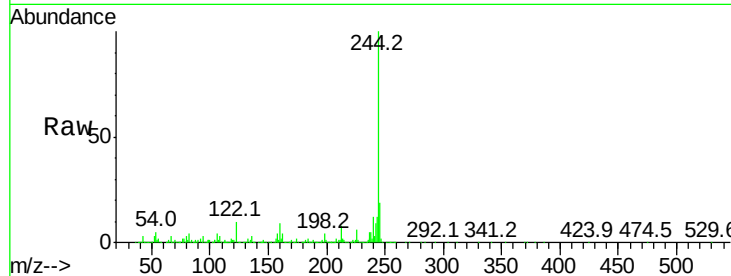
Tot Ion:244 Resp: 1045243

Ion Ratio Lower Upper

244 100

212 8.1 5.4 8.0#

122 10.0 11.0 16.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.70 min Scan# 2272

Delta R.T. 0.01 min

Lab File: BF107435.D

Acq: 17 Jul 2018 6:07

Tgt Ion:264 Resp: 234845

Ion Ratio Lower Upper

264 100

260 25.1 19.2 28.8

265 20.5 17.5 26.3

