

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
 Data File : BF107430.D
 Acq On : 17 Jul 2018 3:52
 Operator : JU/SJ
 Sample : J3980-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-E-MH-S

Quant Time: Jul 17 07:03:03 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

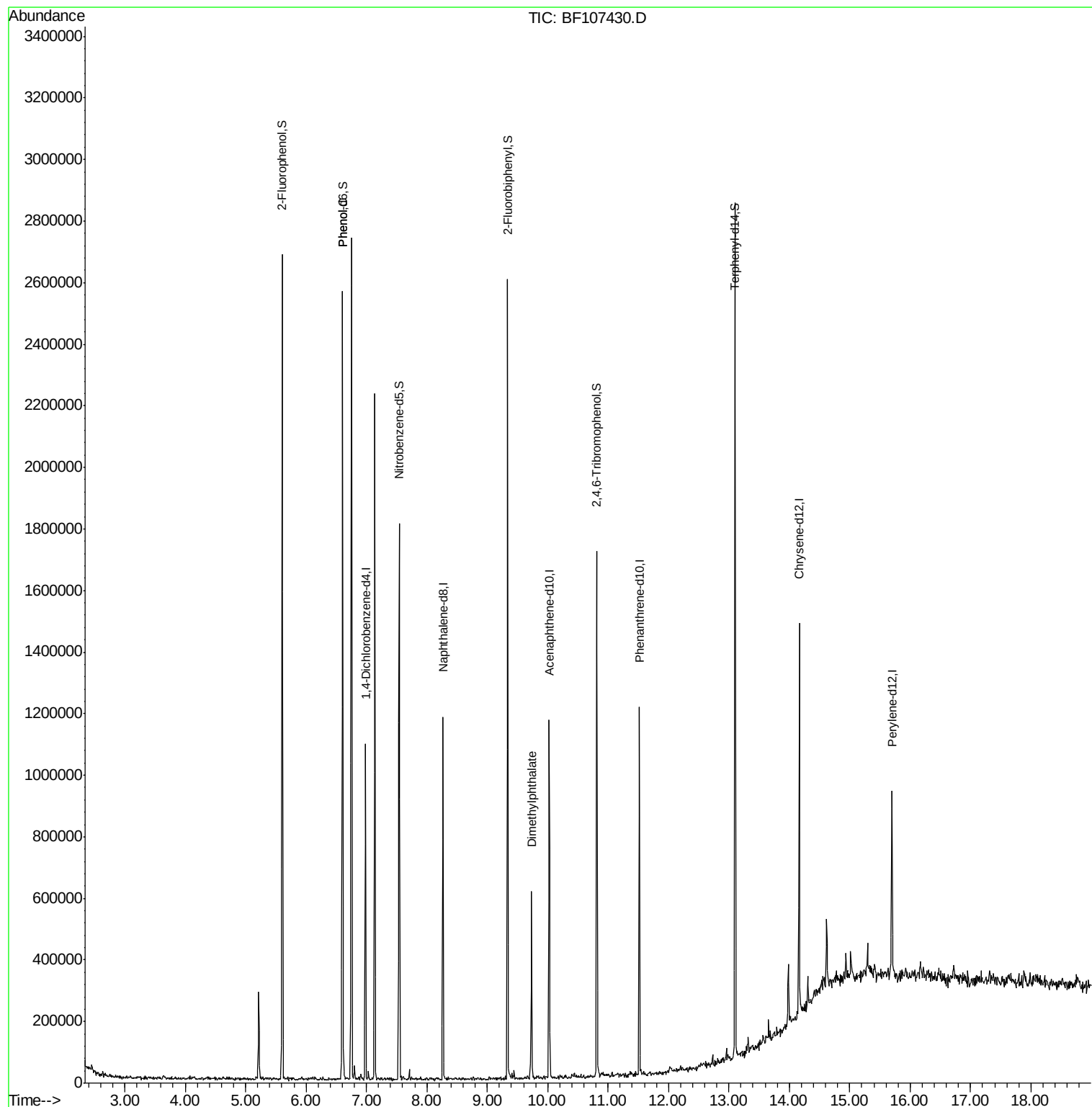
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	121737	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	399797	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	185587	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	365789	20.00	ng	0.00
75) Chrysene-d12	14.17	240	395812	20.00	ng	0.00
86) Perylene-d12	15.70	264	261053	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	590278	73.64	ng	0.01
7) Phenol-d6	6.61	99	745675	71.95	ng	0.01
23) Nitrobenzene-d5	7.54	82	502373	67.01	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	136102	83.47	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	714516	61.15	ng	0.00
78) Terphenyl-d14	13.10	244	784501	49.24	ng	0.00
Target Compounds						
10) Phenol	6.61	94	24202	2.178	ng	Qvalue # 56
49) Dimethylphthalate	9.73	163	185324	12.568	ng	99

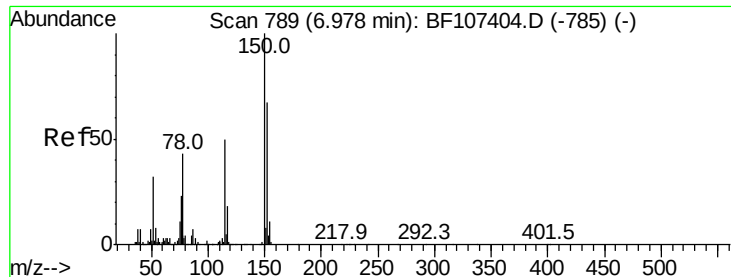
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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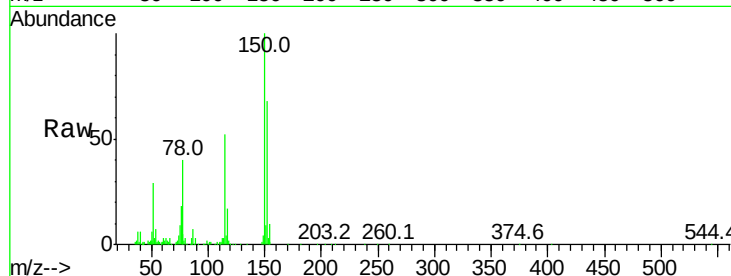


#1

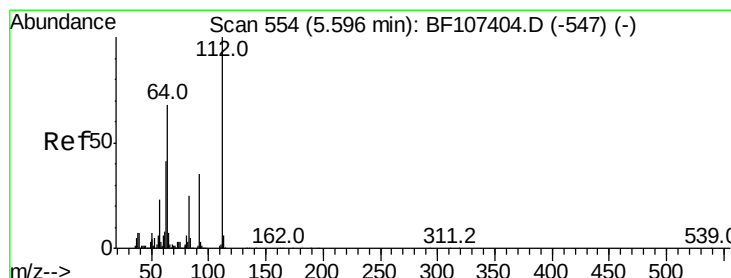
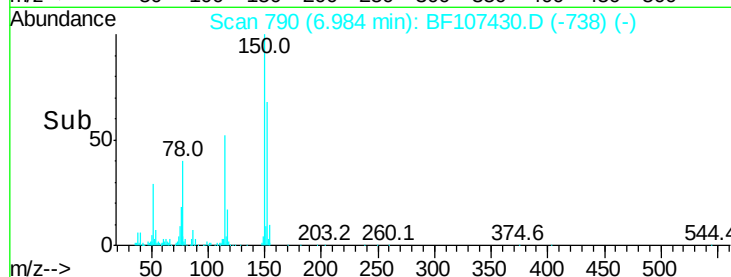
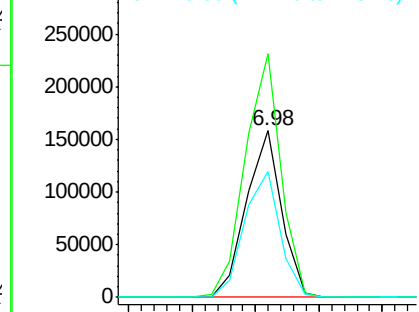
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 790
Delta R.T. 0.01 min
Lab File: BF107430.D
Acq: 17 Jul 2018 3:52

Instrument :
BNA_F
ClientSampleId :
TP-E-MH-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.3	124.6	186.8
115	75.4	50.1	75.1#



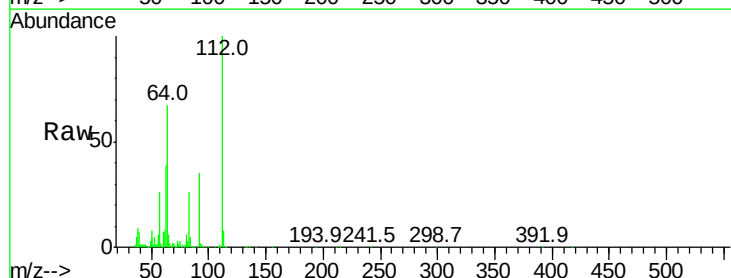
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



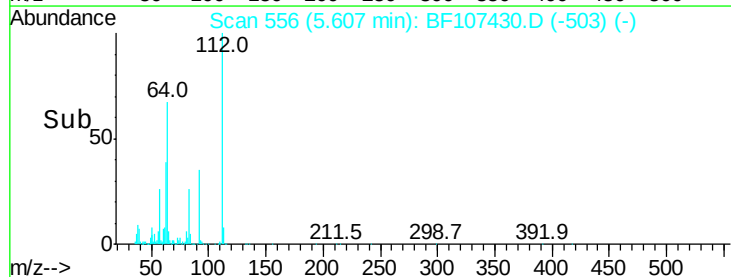
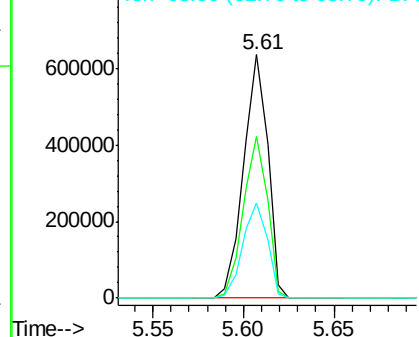
#5

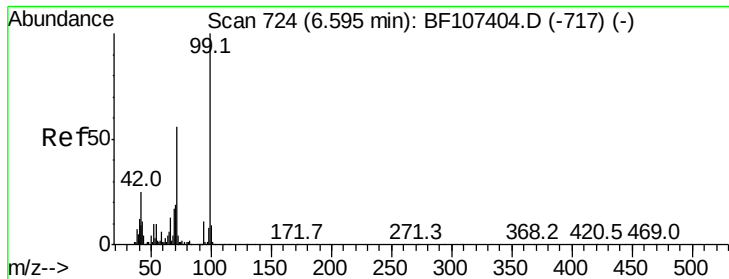
2-Fluorophenol
Concen: 73.641 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF107430.D
Acq: 17 Jul 2018 3:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.5	47.9	71.9
63	39.1	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: 71.953 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF107430.D

Acq: 17 Jul 2018 3:52

Instrument :

BNA_F

ClientSampleId :

TP-E-MH-S

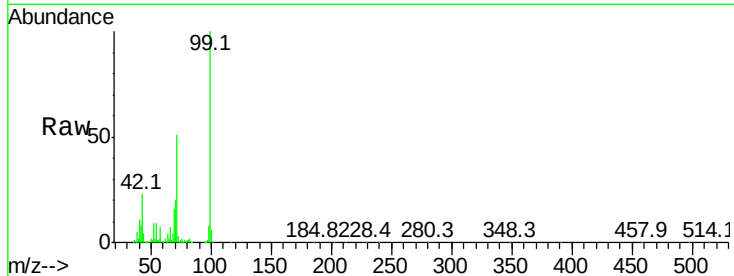
Tot Ion: 99 Resp: 745675

Ion Ratio Lower Upper

99 100

42 23.2 14.5 21.7#

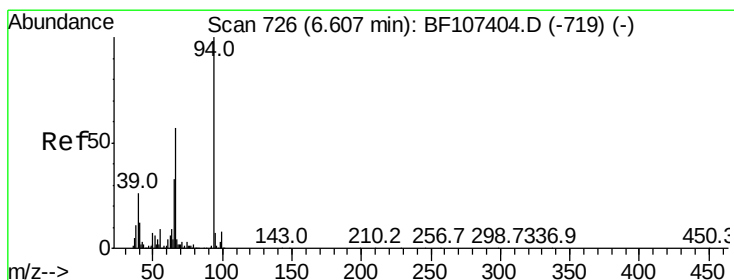
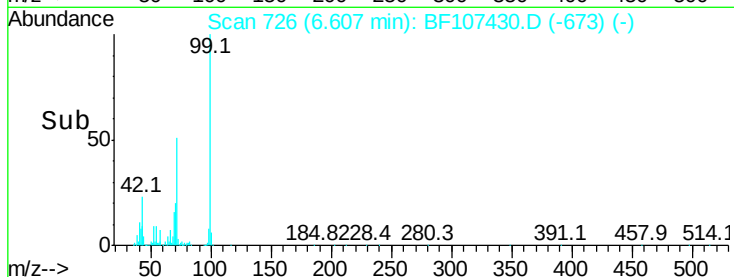
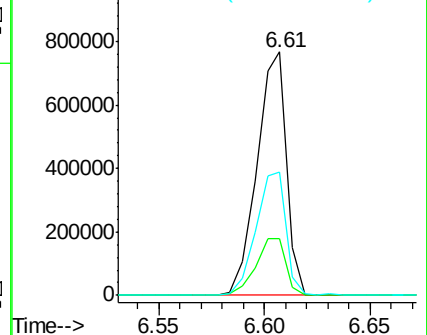
71 50.7 25.4 38.0#



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: 2.178 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF107430.D

Acq: 17 Jul 2018 3:52

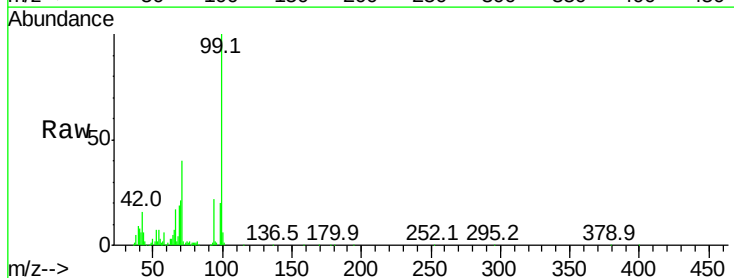
Tgt Ion: 94 Resp: 24202

Ion Ratio Lower Upper

94 100

65 32.1 7.9 47.9

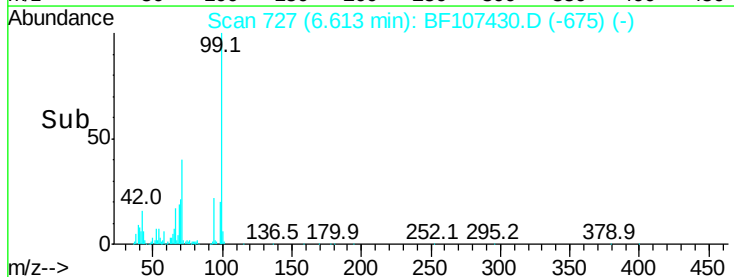
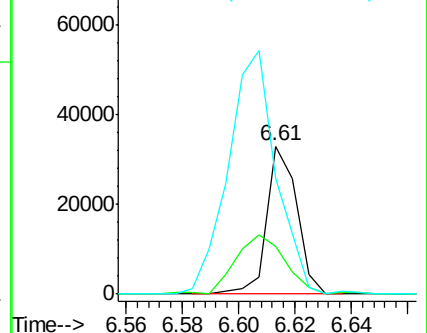
66 78.5 16.2 56.2#

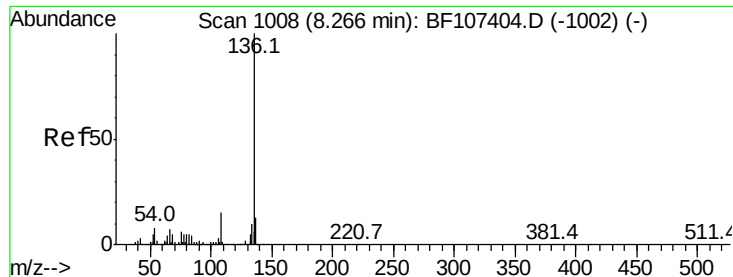


Abundance Ion 94.00 (93.70 to 94.70): BF1

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: BF107430.D

Acq: 17 Jul 2018 3:52

Instrument :

BNA_F

ClientSampleId :

TP-E-MH-S

Tot Ion:136 Resp: 399797

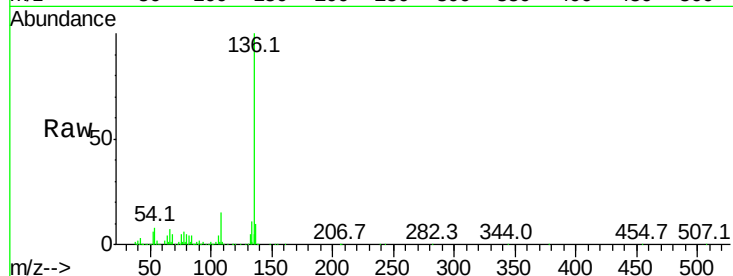
Ion Ratio Lower Upper

136 100

137 10.2 8.9 13.3

54 7.9 6.6 9.8

68 4.5 5.0 7.4#

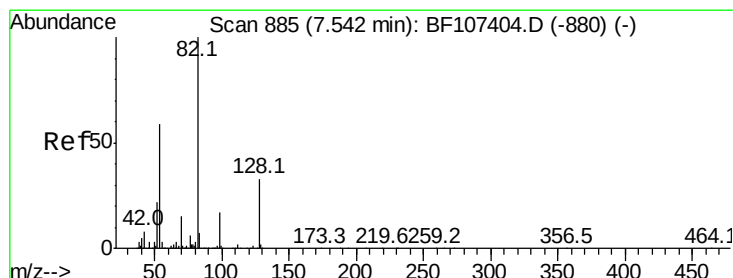
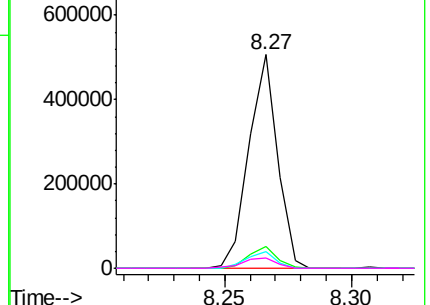
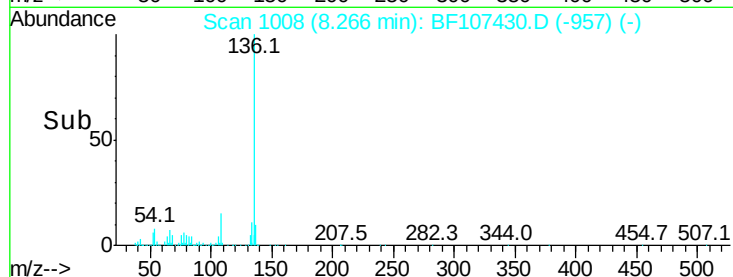


Abundance Ion 136.00 (135.70 to 136.70): E

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: 67.006 ng

RT: 7.54 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF107430.D

Acq: 17 Jul 2018 3:52

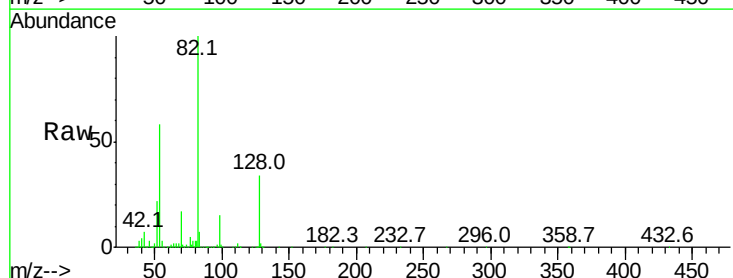
Tgt Ion: 82 Resp: 502373

Ion Ratio Lower Upper

82 100

128 33.8 36.1 54.1#

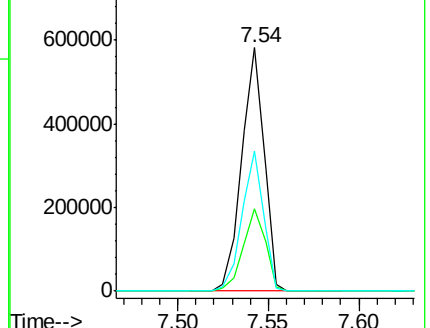
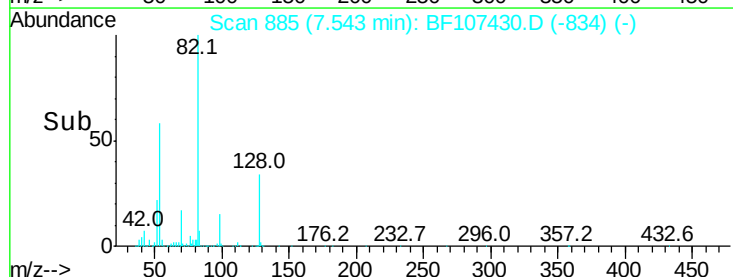
54 57.5 41.4 62.2

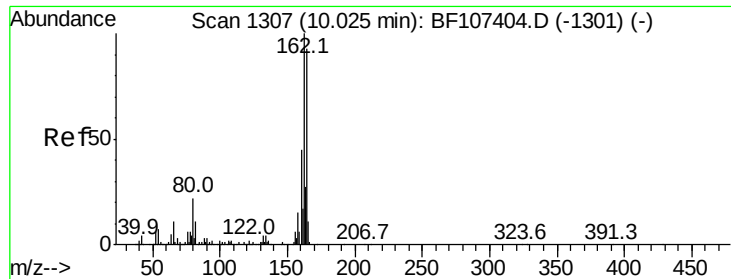


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: BF107430.D

Acq: 17 Jul 2018 3:52

Instrument :

BNA_F

ClientSampleId :

TP-E-MH-S

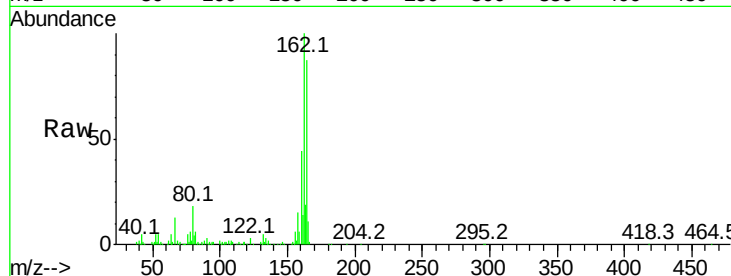
Tot Ion:164 Resp: 185587

Ion Ratio Lower Upper

164 100

162 114.8 86.1 129.1

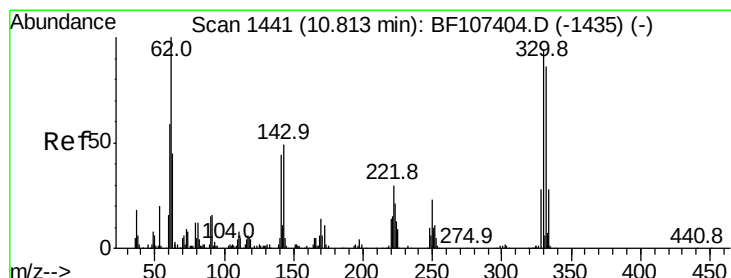
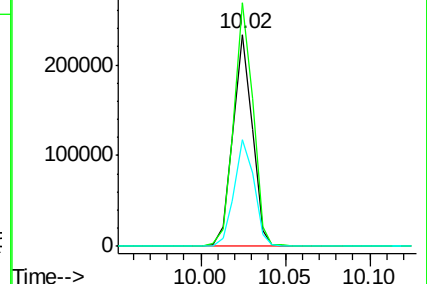
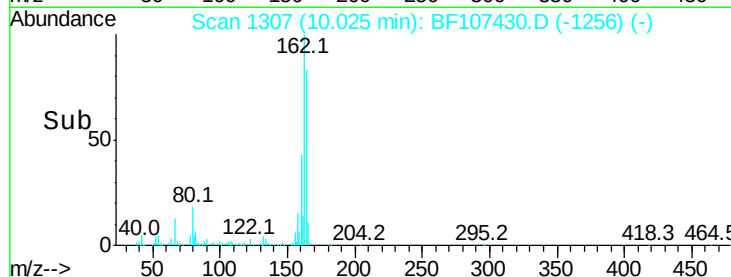
160 50.1 38.3 57.5



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: 83.467 ng

RT: 10.82 min Scan# 1442

Delta R.T. 0.01 min

Lab File: BF107430.D

Acq: 17 Jul 2018 3:52

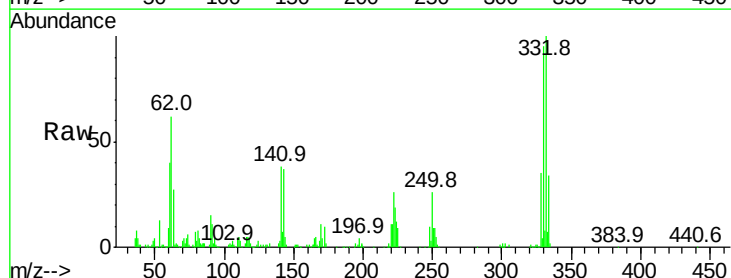
Tgt Ion:330 Resp: 136102

Ion Ratio Lower Upper

330 100

332 101.1 77.0 115.6

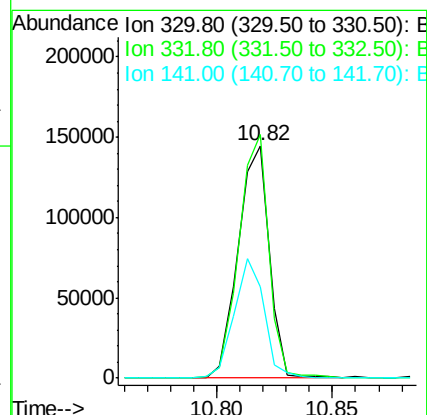
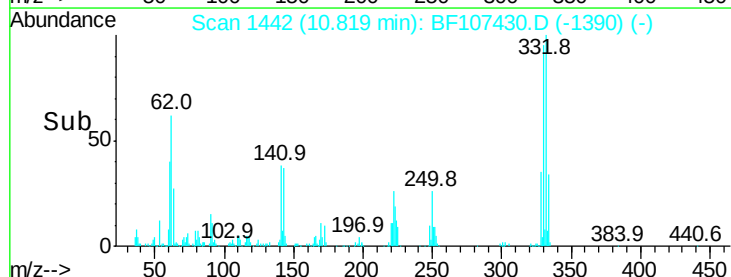
141 49.8 29.9 44.9#

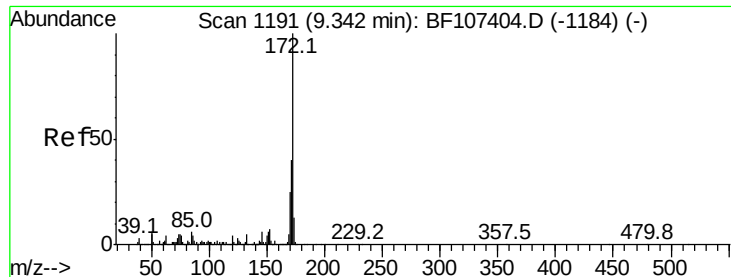


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 61.152 ng

RT: 9.34 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BF107430.D

Acq: 17 Jul 2018 3:52

Instrument :

BNA_F

ClientSampleId :

TP-E-MH-S

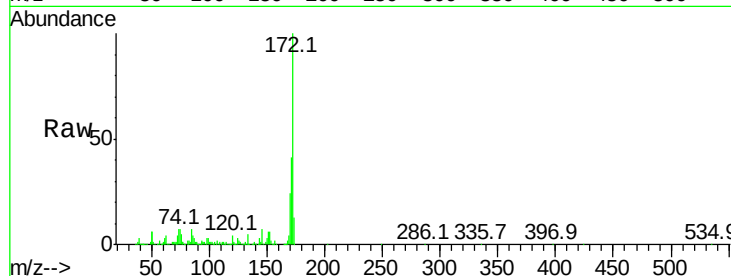
Tot Ion:172 Resp: 714516

Ion Ratio Lower Upper

172 100

171 40.5 29.7 44.5

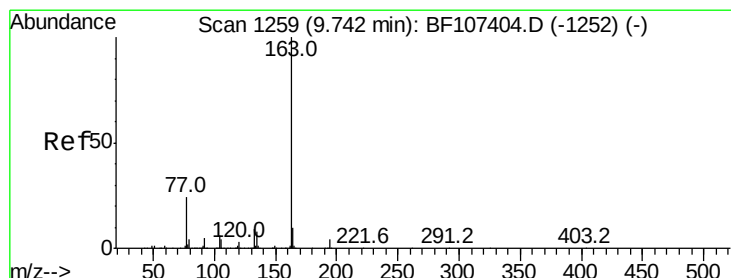
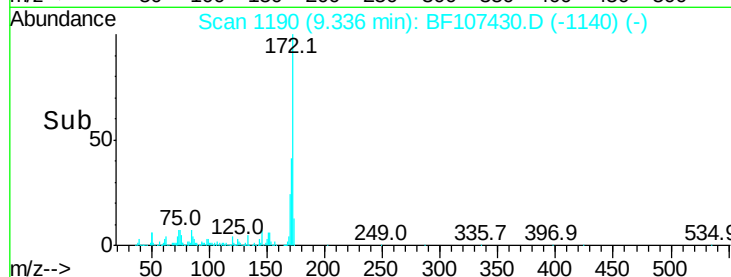
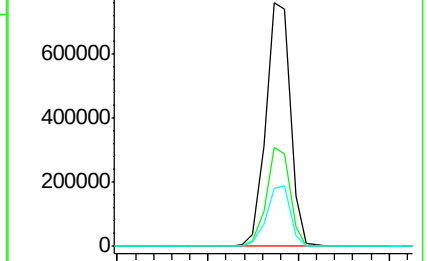
170 23.9 19.6 29.4



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: 12.568 ng

RT: 9.73 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BF107430.D

Acq: 17 Jul 2018 3:52

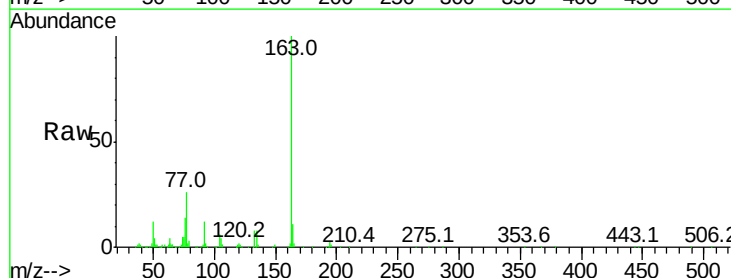
Tgt Ion:163 Resp: 185324

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

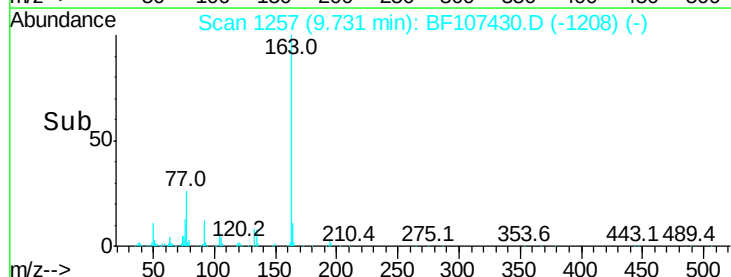
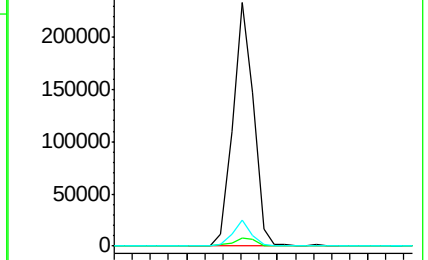
164 10.6 8.2 12.2

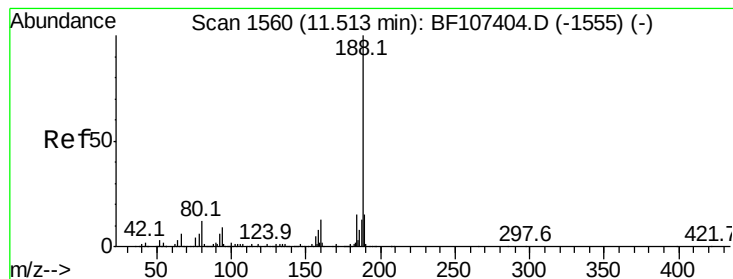


Abundance Ion 163.00 (162.70 to 163.70): E

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: 11.52 min Scan# 1561

Delta R.T. 0.01 min

Lab File: BF107430.D

Acq: 17 Jul 2018 3:52

Instrument :

BNA_F

ClientSampleId :

TP-E-MH-S

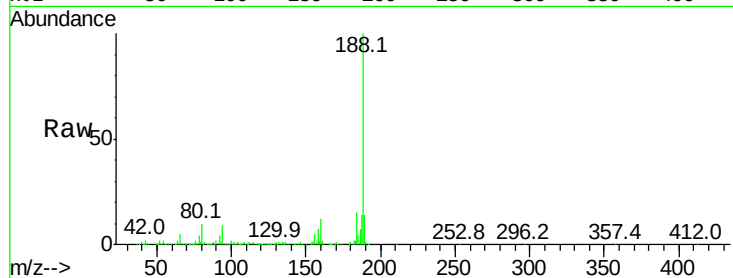
Tot Ion:188 Resp: 365789

Ion Ratio Lower Upper

188 100

94 9.2 8.5 12.7

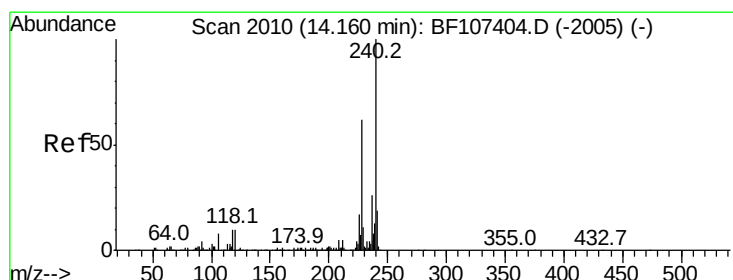
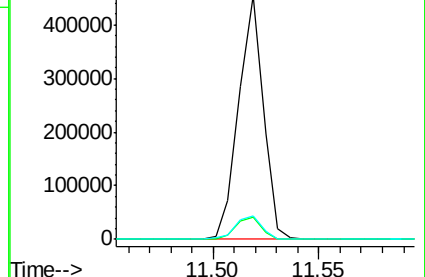
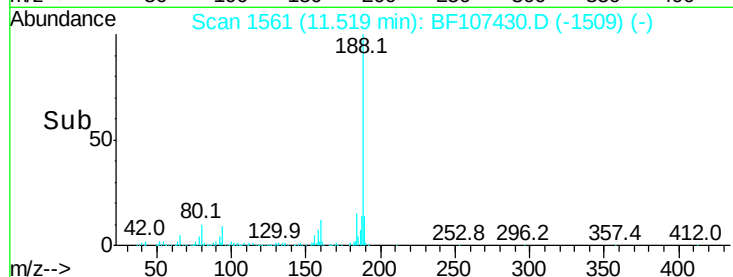
80 9.5 9.2 13.8



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: BF107430.D

Acq: 17 Jul 2018 3:52

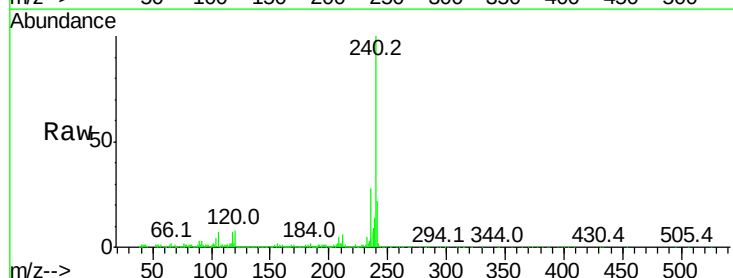
Tgt Ion:240 Resp: 395812

Ion Ratio Lower Upper

240 100

120 8.2 9.5 14.3#

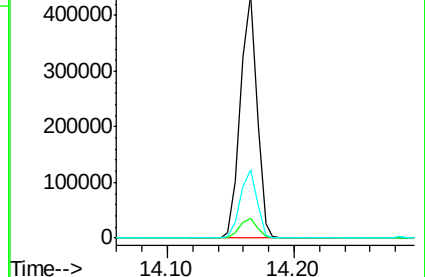
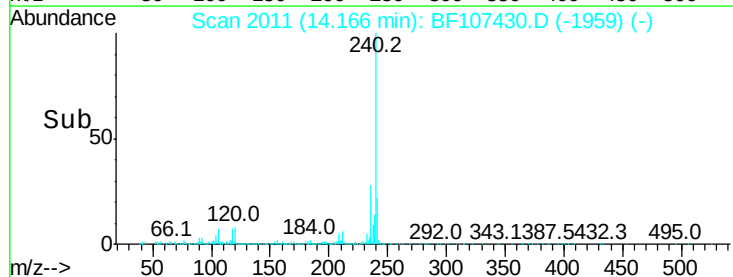
236 28.1 20.7 31.1

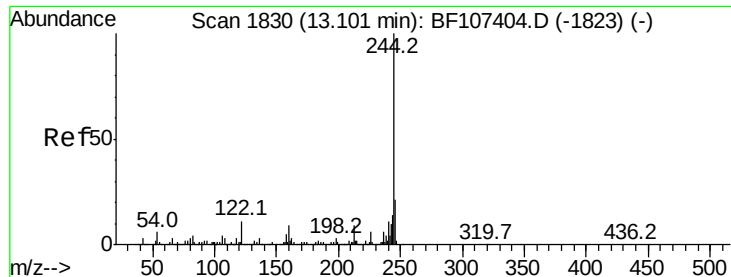


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 49.244 ng

RT: 13.10 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BF107430.D

Acq: 17 Jul 2018 3:52

Instrument :

BNA_F

ClientSampleId :

TP-E-MH-S

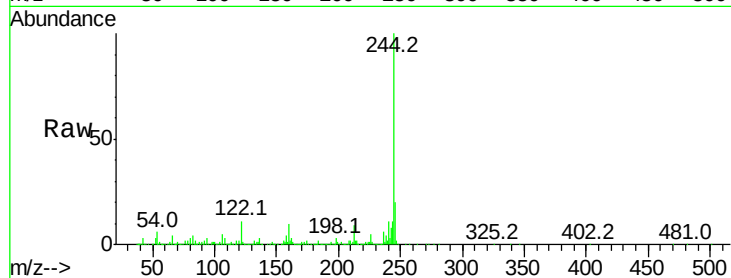
Tot Ion:244 Resp: 784501

Ion Ratio Lower Upper

244 100

212 9.1 5.4 8.0#

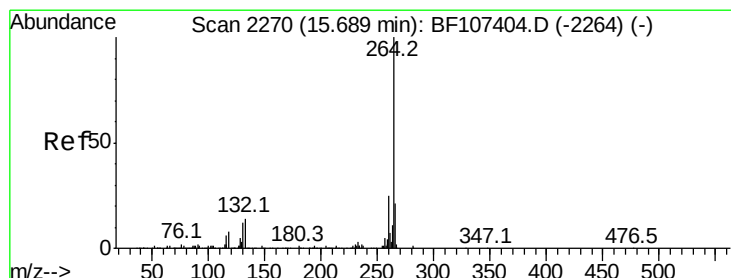
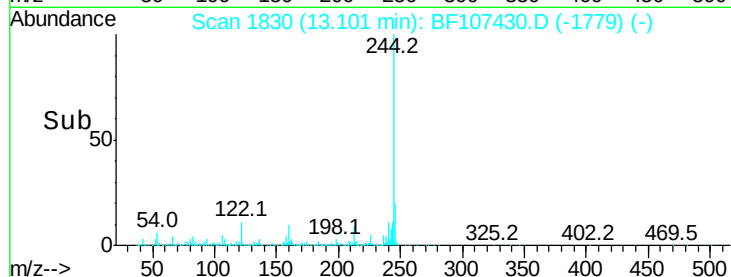
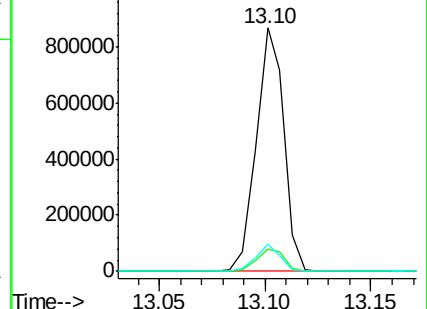
122 11.0 11.0 16.4



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: 15.70 min Scan# 2272

Delta R.T. 0.01 min

Lab File: BF107430.D

Acq: 17 Jul 2018 3:52

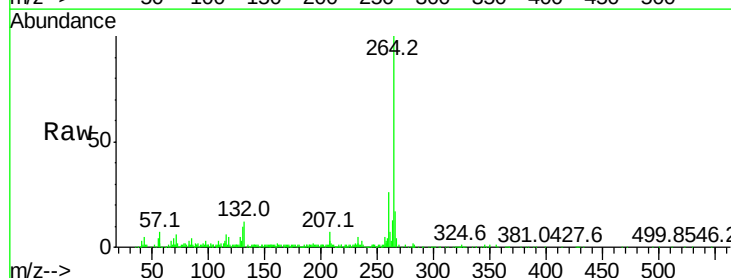
Tgt Ion:264 Resp: 261053

Ion Ratio Lower Upper

264 100

260 25.6 19.2 28.8

265 17.4 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

