

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070318\
 Data File : BF107112.D
 Acq On : 4 Jul 2018 5:45
 Operator : JU/SJ
 Sample : J3804-07
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GPW-01

Quant Time: Jul 04 06:46:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

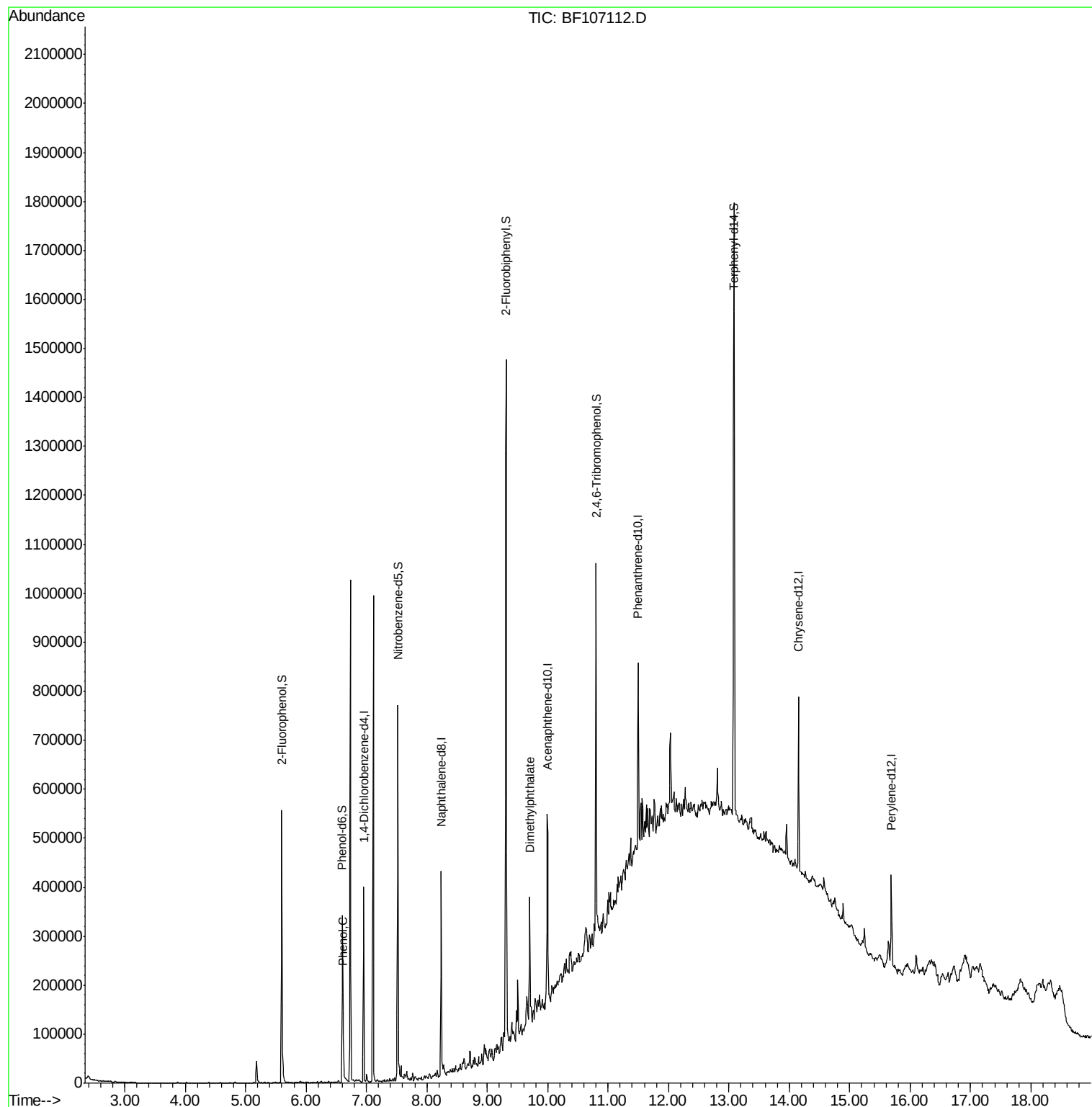
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	54276	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	193640	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	86595	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	156170	20.00	ng	0.00
75) Chrysene-d12	14.15	240	127833	20.00	ng	-0.01
86) Perylene-d12	15.69	264	103369	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	169098	52.76	ng	0.00
7) Phenol-d6	6.60	99	124688	31.15	ng	-0.01
23) Nitrobenzene-d5	7.52	82	271326	77.87	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	129208	128.74	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	478688	95.37	ng	-0.01
78) Terphenyl-d14	13.08	244	554094	104.99	ng	0.00
Target Compounds						
10) Phenol	6.62	94	20821	4.558	ng	98
49) Dimethylphthalate	9.70	163	92678	14.270	ng	98

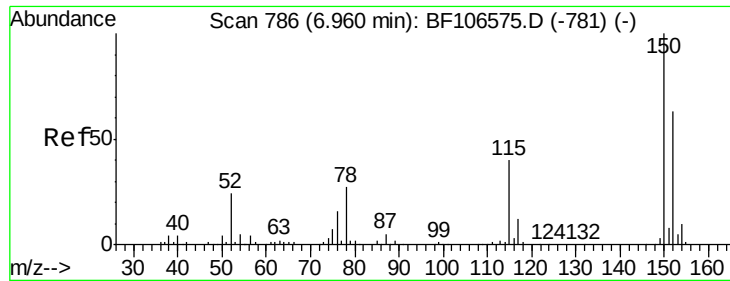
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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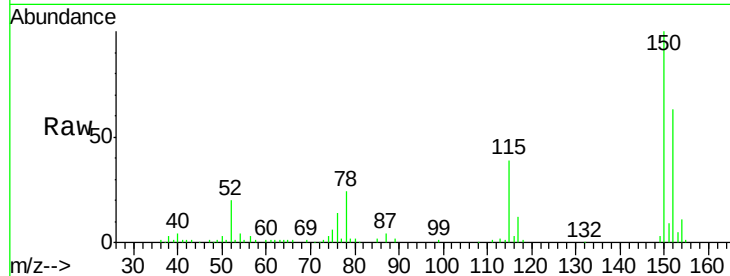


#1

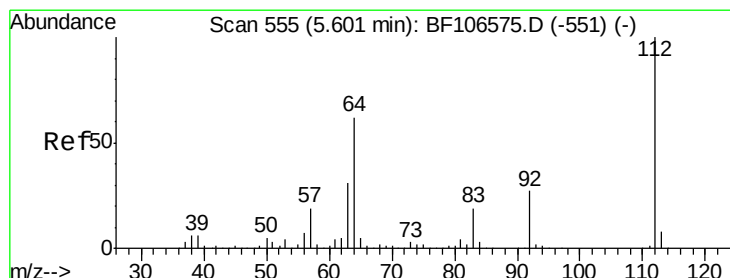
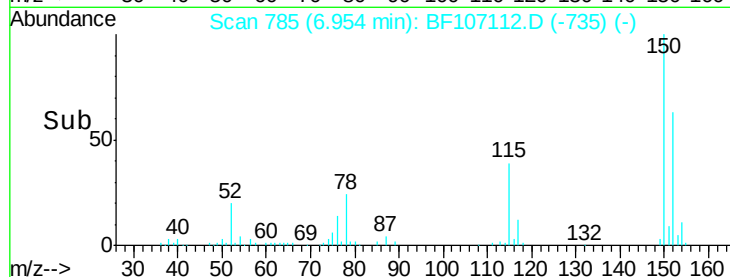
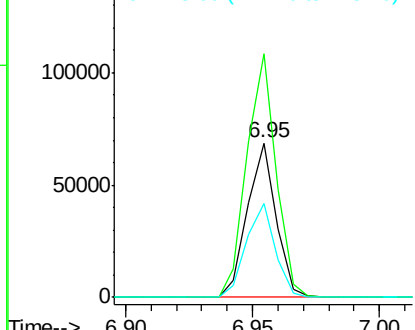
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107112.D
Acq: 4 Jul 2018 5:45

Instrument :
BNA_F
ClientSampleId :
GPW-01

Tot Ion:152 Resp: 54276
Ion Ratio Lower Upper
152 100
150 157.7 124.6 186.8
115 60.8 50.1 75.1



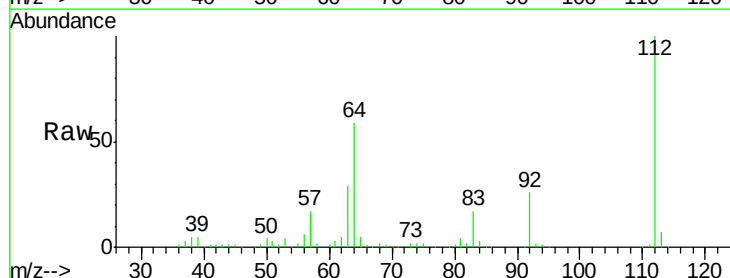
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



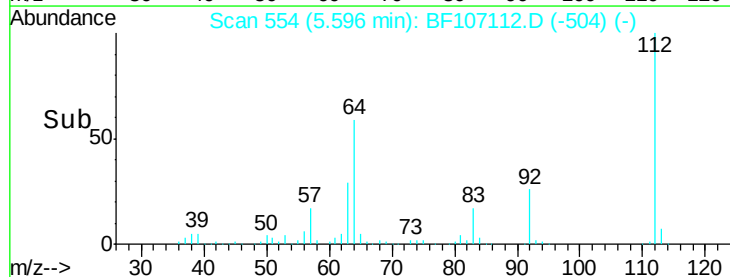
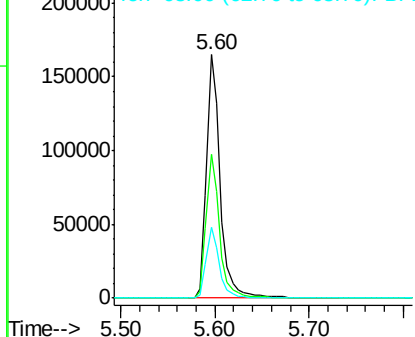
#5

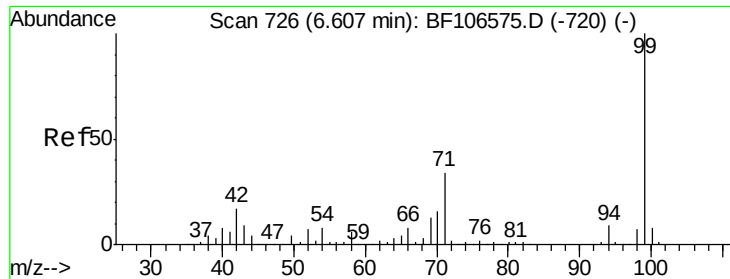
2-Fluorophenol
Concen: 52.756 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107112.D
Acq: 4 Jul 2018 5:45

Tgt Ion:112 Resp: 169098
Ion Ratio Lower Upper
112 100
64 59.1 47.9 71.9
63 29.1 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: 31.150 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107112.D

Acq: 4 Jul 2018 5:45

Instrument :

BNA_F

ClientSampleId :

GPW-01

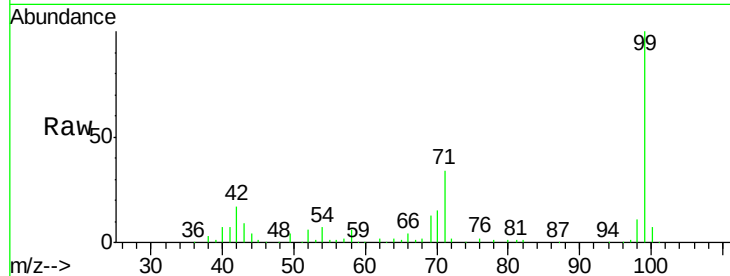
Tot Ion: 99 Resp: 124688

Ion Ratio Lower Upper

99 100

42 16.7 14.5 21.7

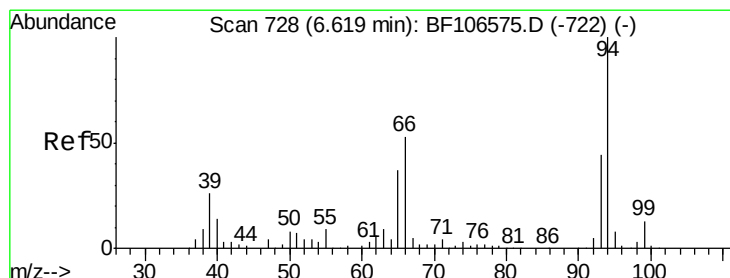
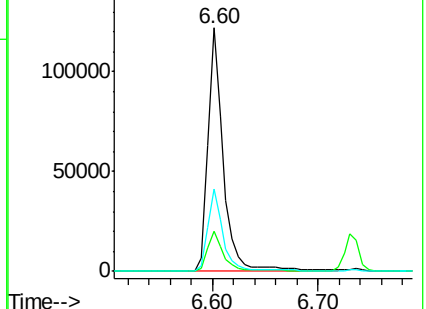
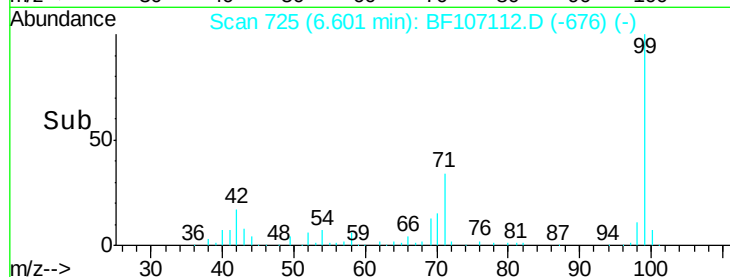
71 33.6 25.4 38.0



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: 4.558 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF107112.D

Acq: 4 Jul 2018 5:45

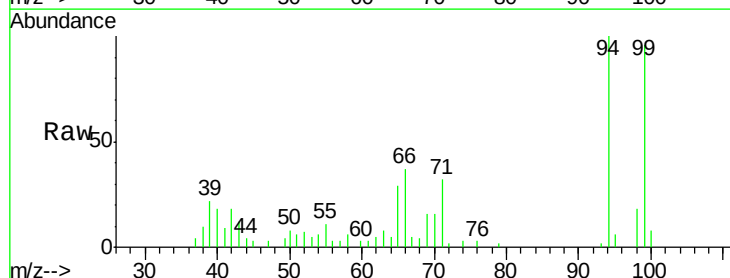
Tgt Ion: 94 Resp: 20821

Ion Ratio Lower Upper

94 100

65 28.9 7.9 47.9

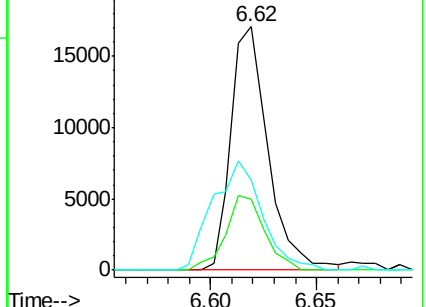
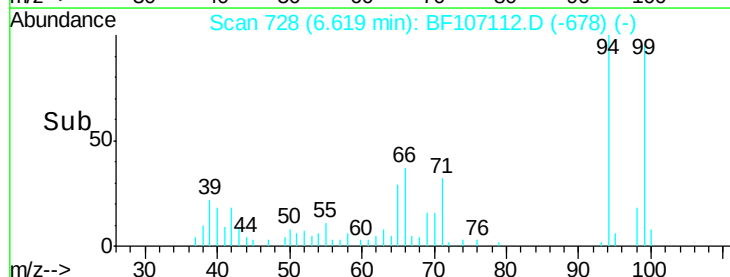
66 37.2 16.2 56.2

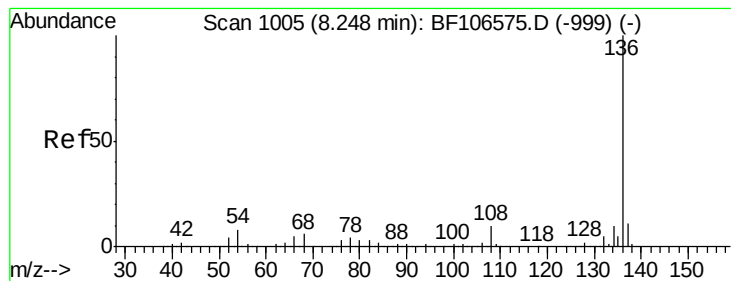


Abundance Ion 94.00 (93.70 to 94.70): BF1

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: 8.24 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF107112.D

Acq: 4 Jul 2018 5:45

Instrument :

BNA_F

ClientSampleId :

GPW-01

Tot Ion:136 Resp: 193640

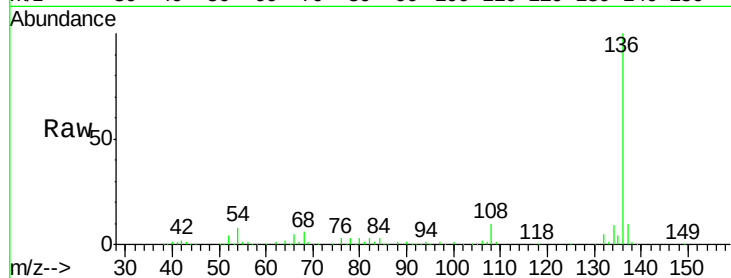
Ion Ratio Lower Upper

136 100

137 10.3 8.9 13.3

54 7.9 6.6 9.8

68 6.2 5.0 7.4

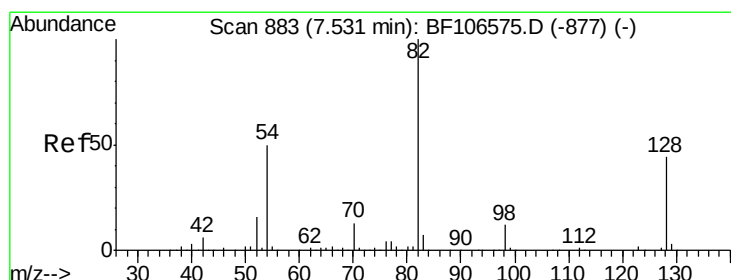
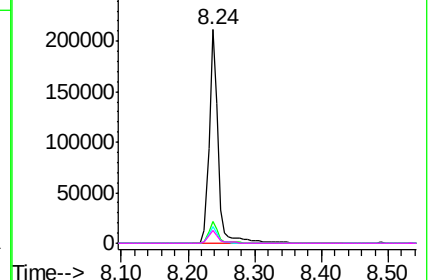
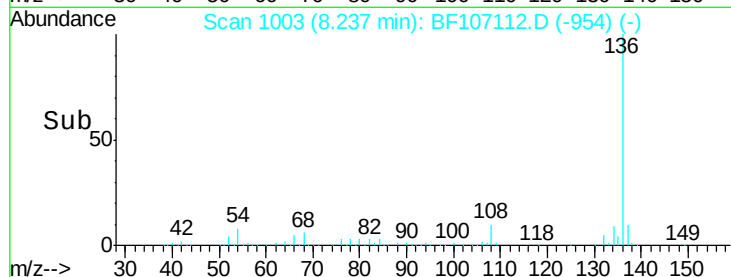


Abundance Ion 136.00 (135.70 to 136.70): E

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: 77.869 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.02 min

Lab File: BF107112.D

Acq: 4 Jul 2018 5:45

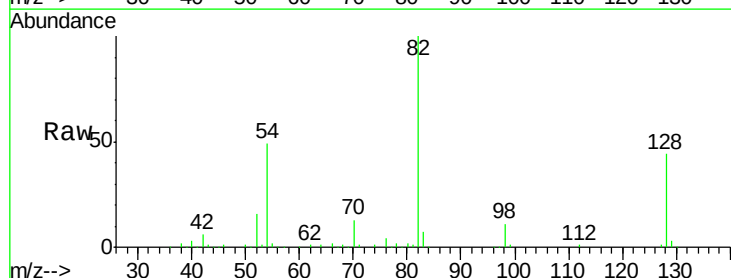
Tgt Ion: 82 Resp: 271326

Ion Ratio Lower Upper

82 100

128 44.0 36.1 54.1

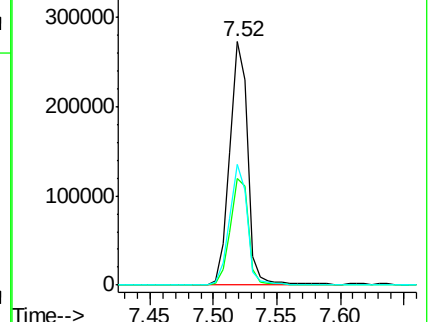
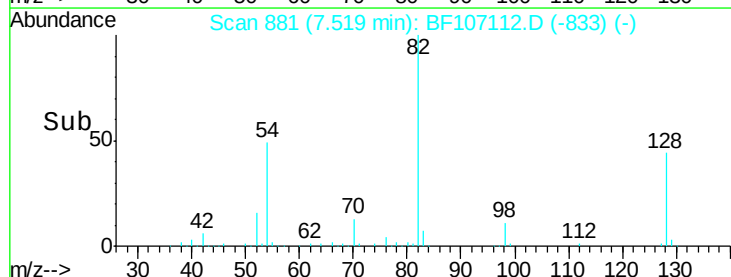
54 49.4 41.4 62.2

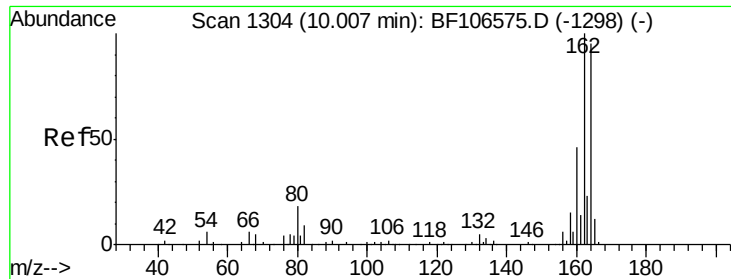


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

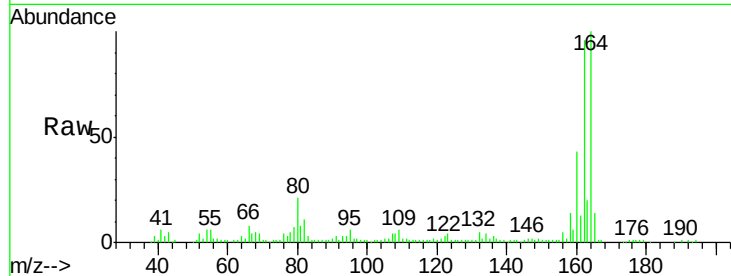




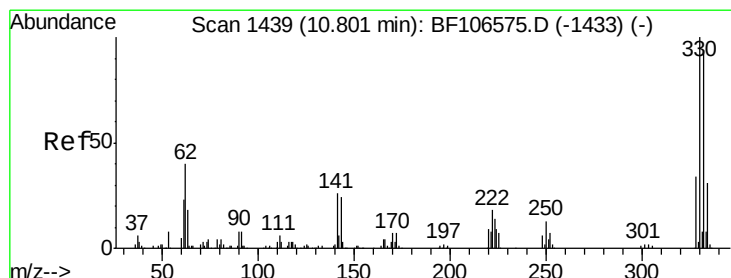
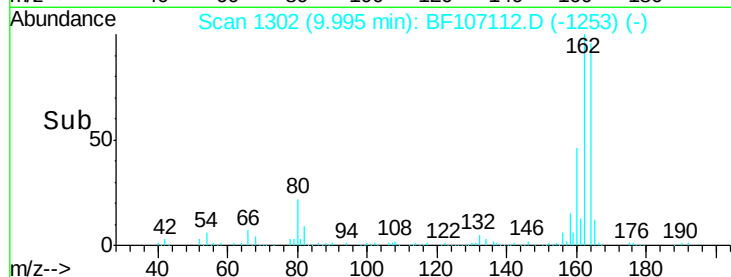
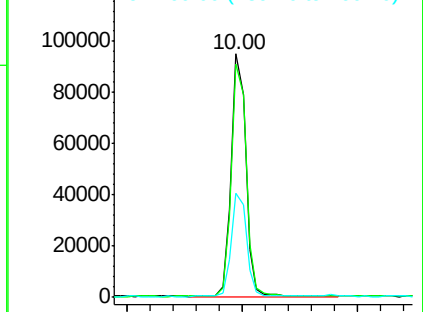
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF107112.D
 Acq: 4 Jul 2018 5:45

Instrument :
 BNA_F
 ClientSampleId :
 GPW-01

Tot Ion:164 Resp: 86595
 Ion Ratio Lower Upper
 164 100
 162 96.1 86.1 129.1
 160 42.7 38.3 57.5

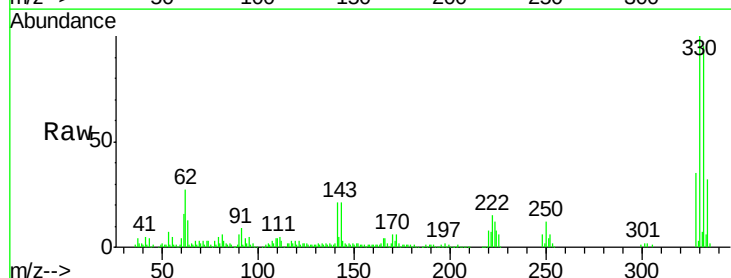


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

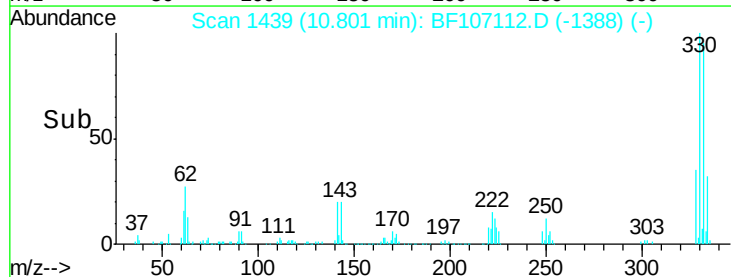
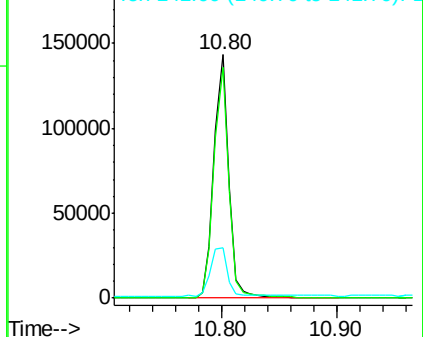


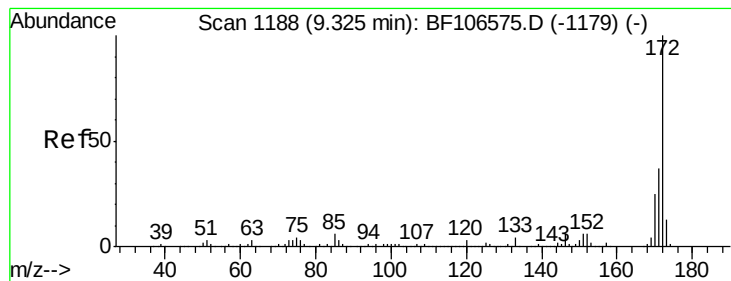
#41
 2,4,6-Tribromophenol
 Concen: 128.737 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF107112.D
 Acq: 4 Jul 2018 5:45

Tgt Ion:330 Resp: 129208
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 22.9 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: 95.365 ng

RT: 9.31 min Scan# 1186

Delta R.T. -0.01 min

Lab File: BF107112.D

Acq: 4 Jul 2018 5:45

Instrument :

BNA_F

ClientSampleId :

GPW-01

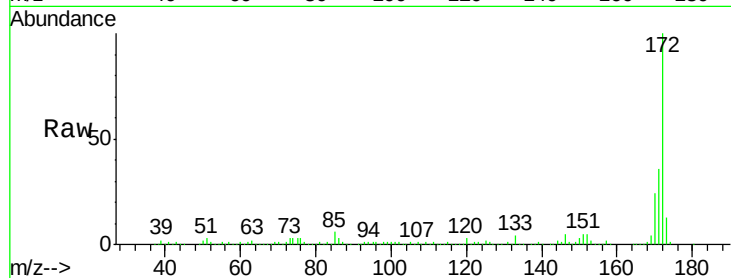
Tot Ion:172 Resp: 478688

Ion Ratio Lower Upper

172 100

171 35.7 29.7 44.5

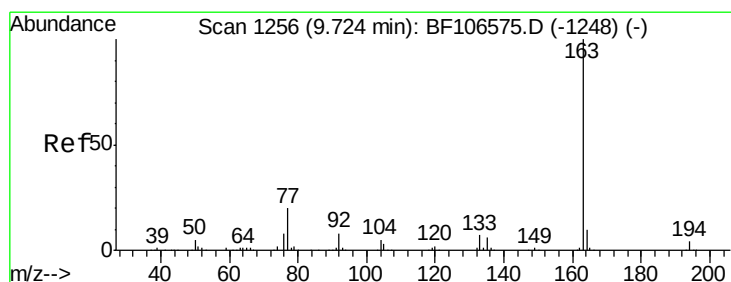
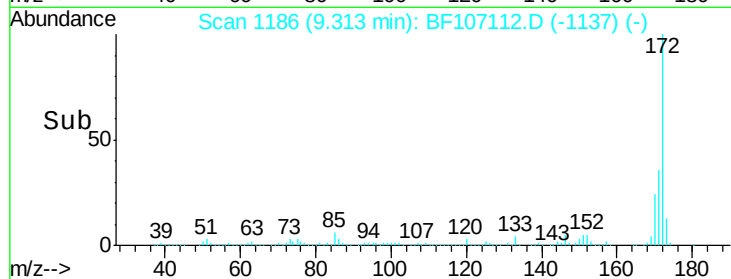
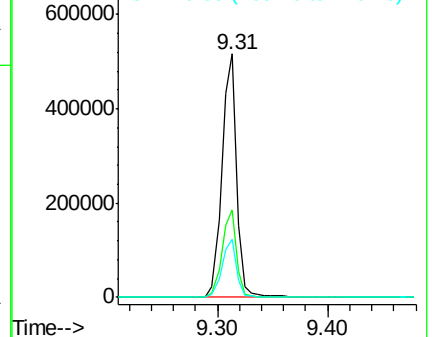
170 23.9 19.6 29.4



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: 14.270 ng

RT: 9.70 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF107112.D

Acq: 4 Jul 2018 5:45

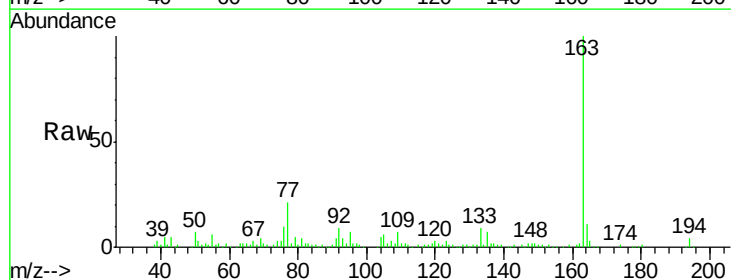
Tgt Ion:163 Resp: 92678

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

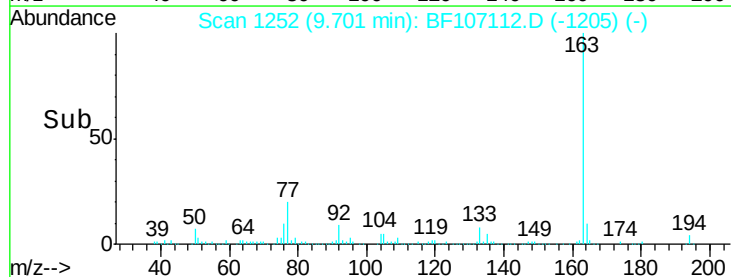
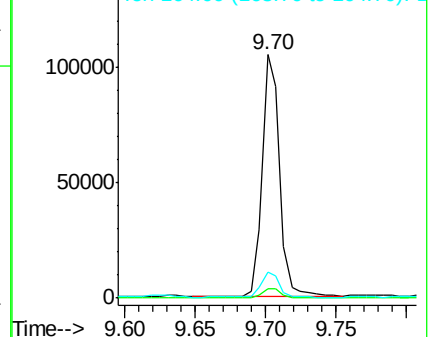
164 10.9 8.2 12.2

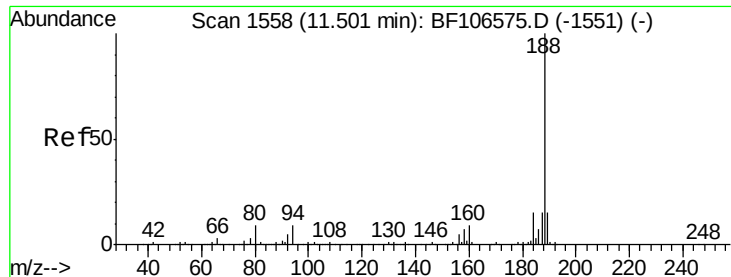


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

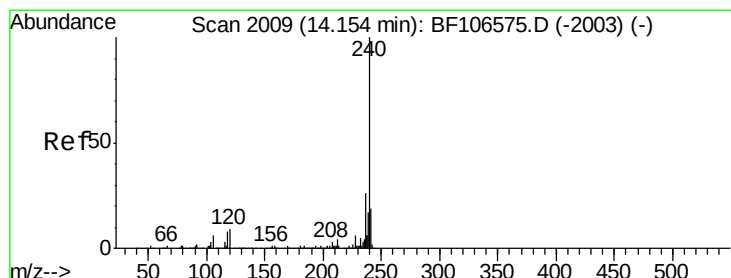
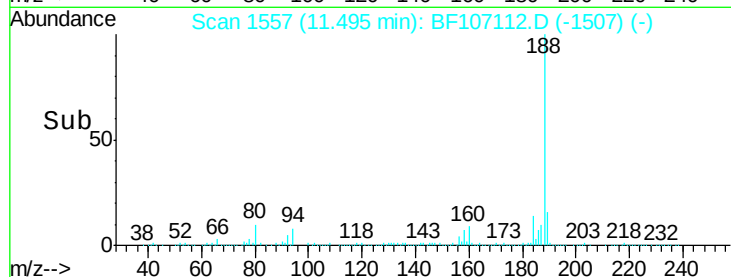
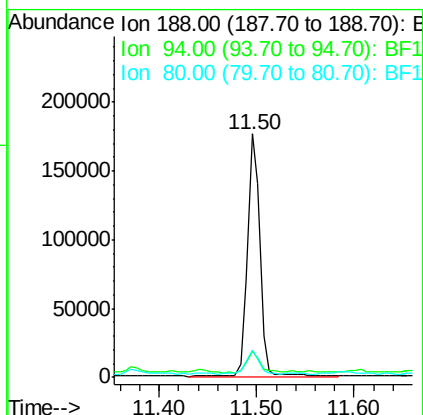
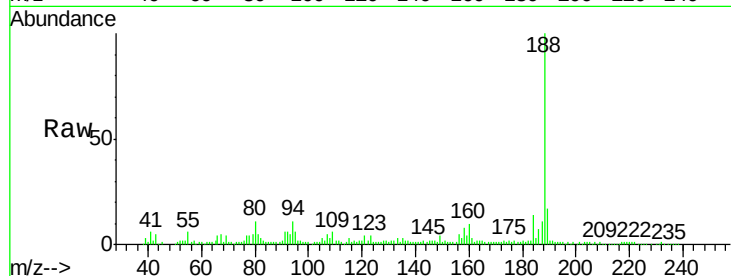




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF107112.D
Acq: 4 Jul 2018 5:45

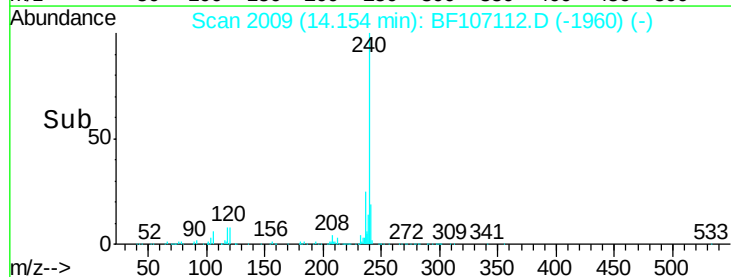
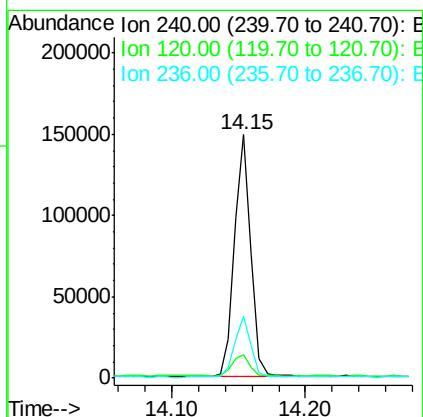
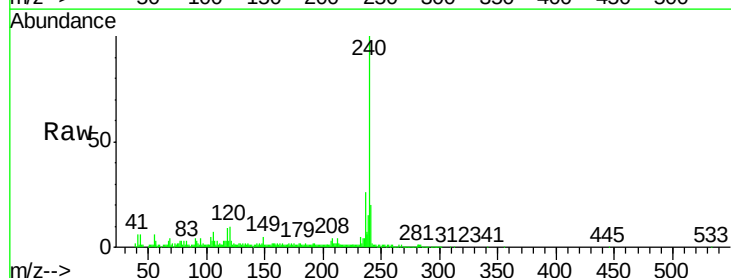
Instrument :
BNA_F
ClientSampleId :
GPW-01

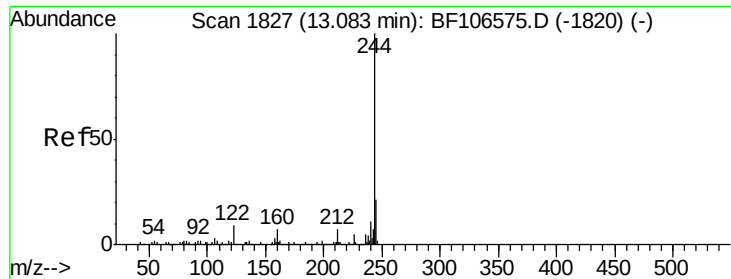
Tot Ion:188 Resp: 156170
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 11.0 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF107112.D
Acq: 4 Jul 2018 5:45

Tgt Ion:240 Resp: 127833
Ion Ratio Lower Upper
240 100
120 9.5 9.5 14.3
236 25.6 20.7 31.1





#78

Terphenyl-d14

Concen: 104.995 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF107112.D

Acq: 4 Jul 2018 5:45

Instrument :

BNA_F

ClientSampleId :

GPW-01

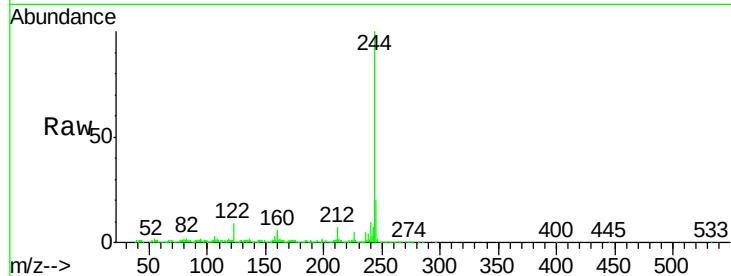
Tot Ion:244 Resp: 554094

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

122 9.1 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

600000

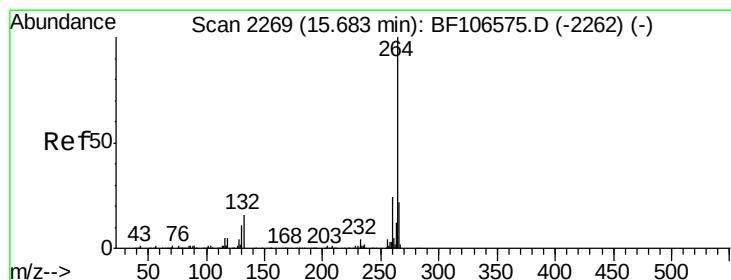
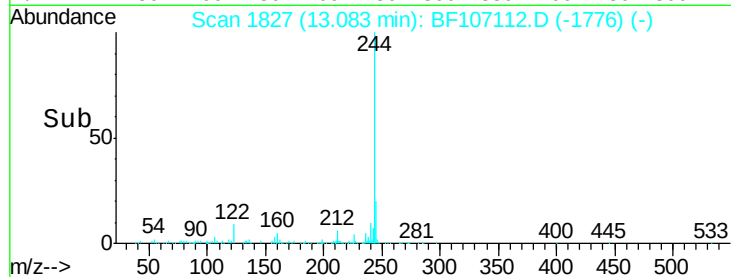
400000

200000

0

13.08

Time--> 13.00 13.10



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2270

Delta R.T. -0.03 min

Lab File: BF107112.D

Acq: 4 Jul 2018 5:45

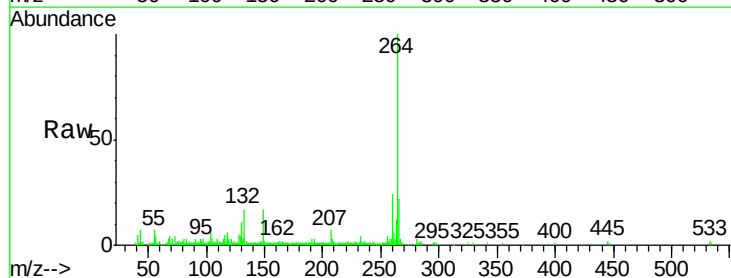
Tgt Ion:264 Resp: 103369

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.6 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

100000

80000

60000

40000

20000

0

15.69

Time--> 15.60 15.70 15.80

