

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072318\
 Data File : BF107603.D
 Acq On : 23 Jul 2018 22:01
 Operator : JU/SJ
 Sample : J3991-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1-A

Quant Time: Jul 24 04:48:53 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

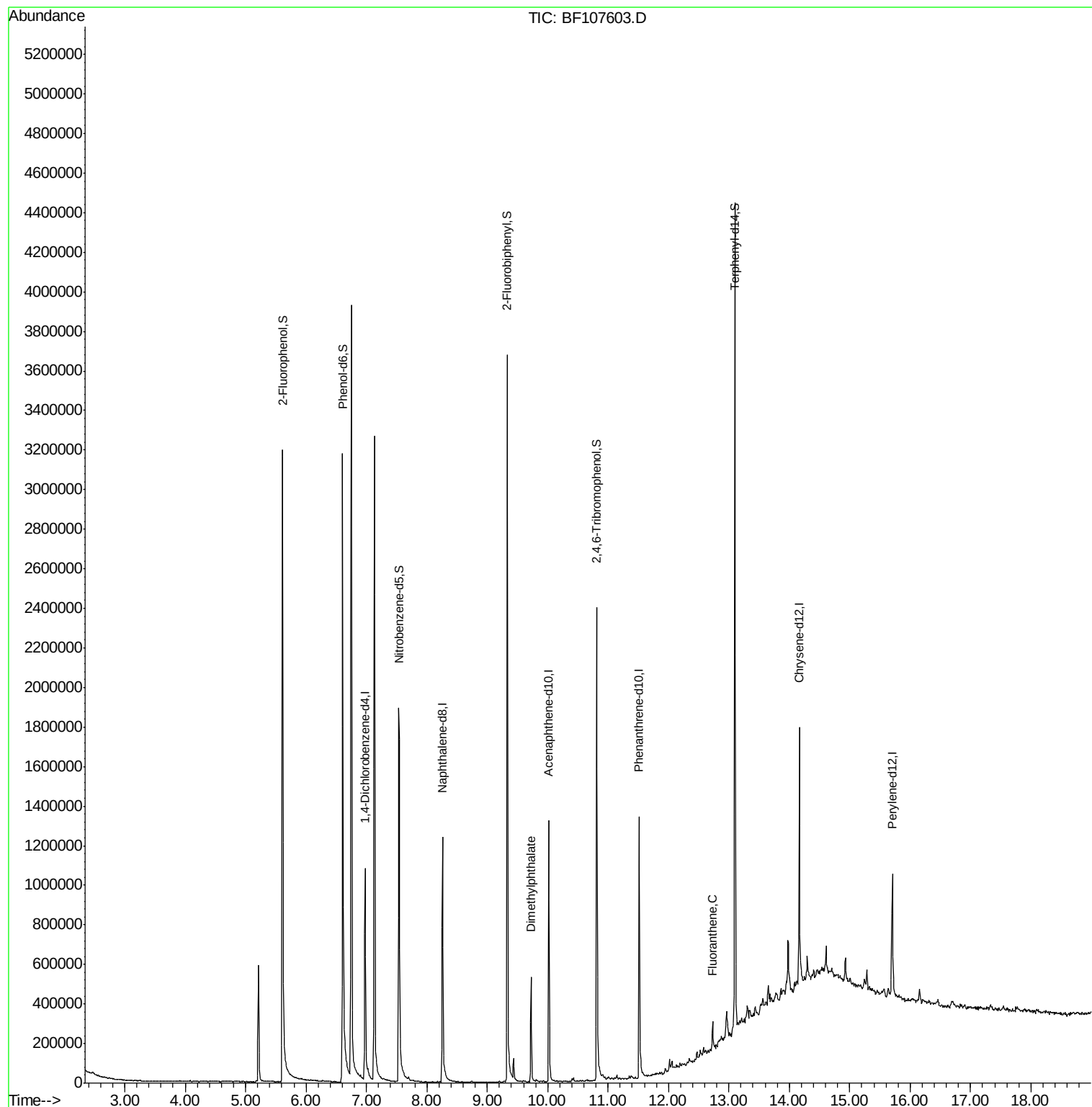
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	202652	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	683520	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	263028	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	557859	20.00	ng	0.00
75) Chrysene-d12	14.17	240	454840	20.00	ng	0.00
86) Perylene-d12	15.71	264	339146	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1150720	91.30	ng	0.00
7) Phenol-d6	6.61	99	1372511	90.69	ng	0.00
23) Nitrobenzene-d5	7.54	82	805500	79.53	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	334887	111.96	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1334415	87.62	ng	0.00
78) Terphenyl-d14	13.10	244	1475577	83.05	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.72	163	219755	11.086	ng	99
74) Fluoranthene	12.73	202	63149	2.165	ng	100

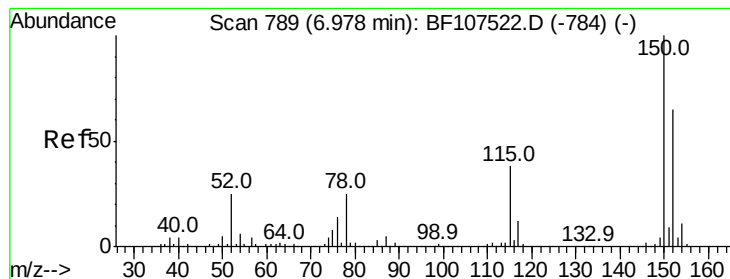
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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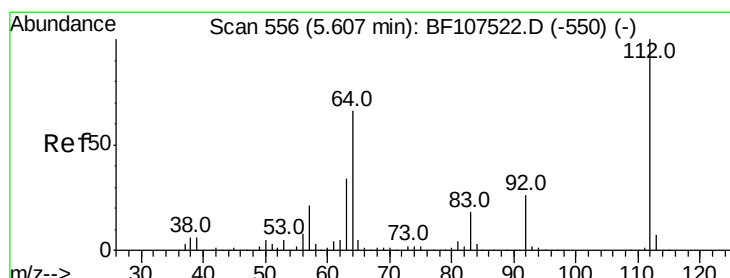
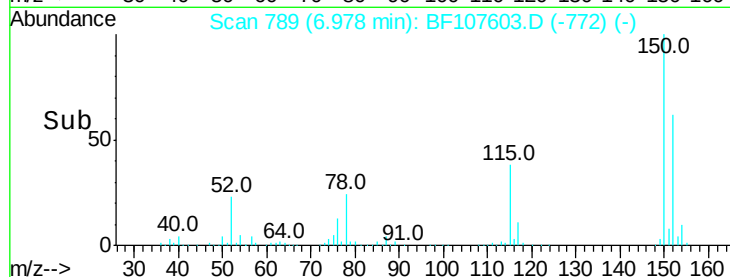
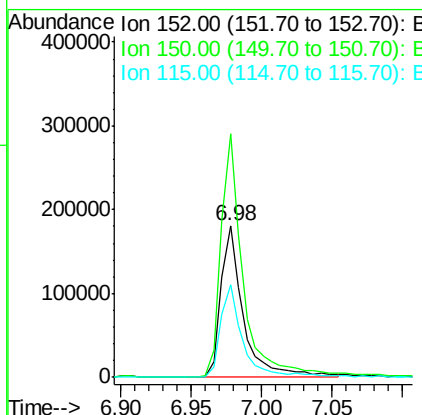
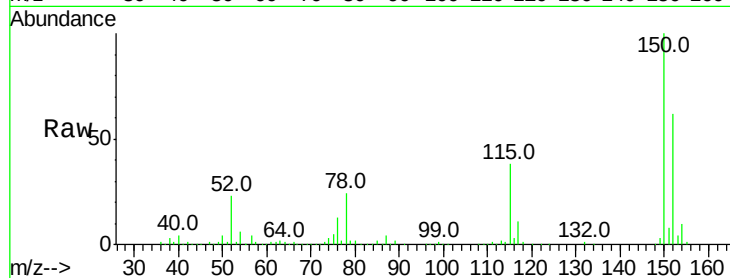


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF107603.D
Acq: 23 Jul 2018 22:01

Instrument :
BNA_F
ClientSampleId :
SB-1-A

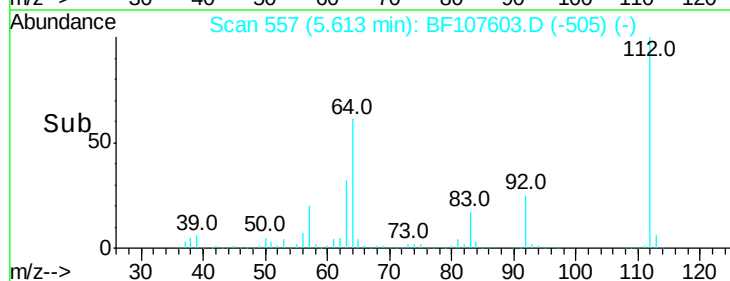
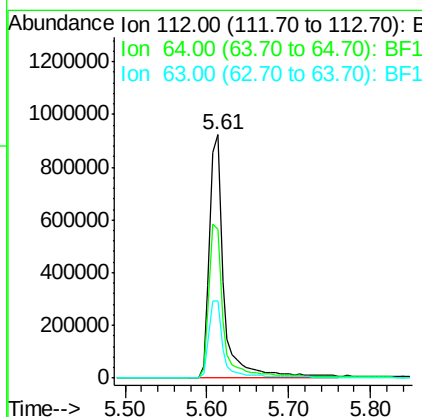
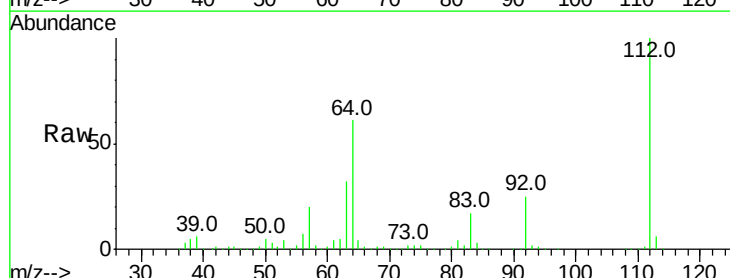
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.7	124.6	186.8
115	61.1	50.1	75.1

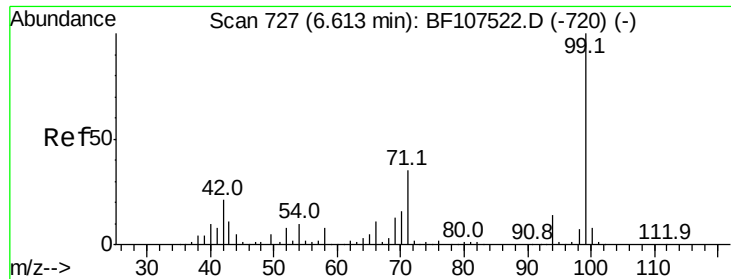


#5

2-Fluorophenol
Concen: 91.296 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF107603.D
Acq: 23 Jul 2018 22:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.3	47.9	71.9
63	31.9	23.7	35.5





#7

Phenol-d6

Concen: 90.688 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF107603.D

Acq: 23 Jul 2018 22:01

Instrument :

BNA_F

ClientSampleId :

SB-1-A

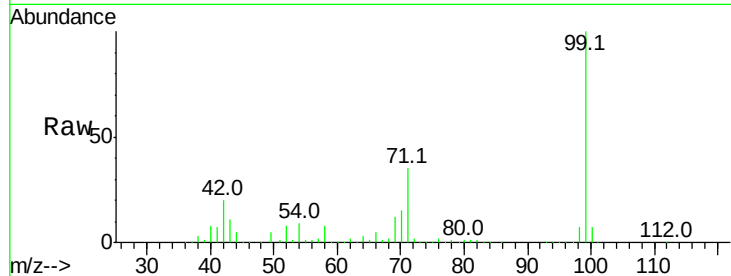
Tot Ion: 99 Resp: 1372511

Ion Ratio Lower Upper

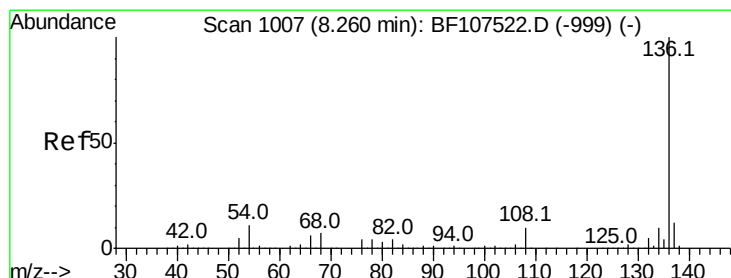
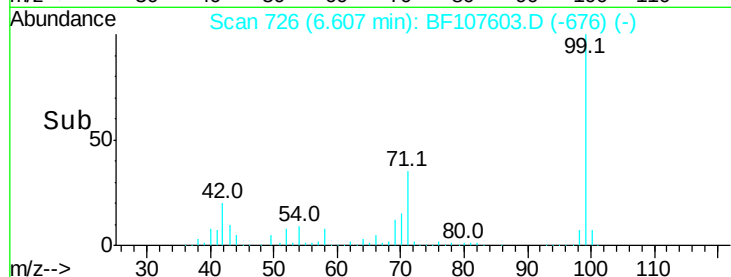
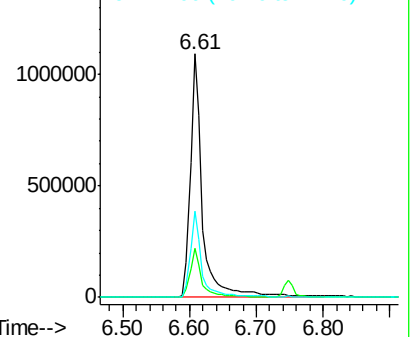
99 100

42 19.9 14.5 21.7

71 35.2 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BF107603.D

Acq: 23 Jul 2018 22:01

Tgt Ion: 136 Resp: 683520

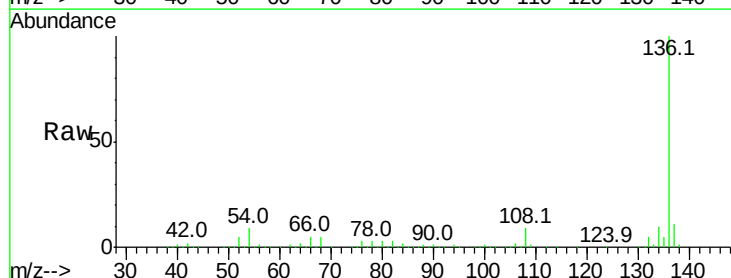
Ion Ratio Lower Upper

136 100

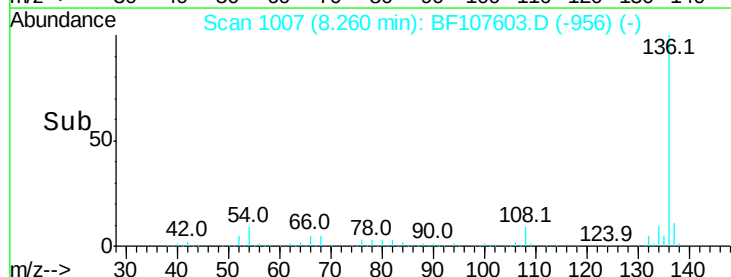
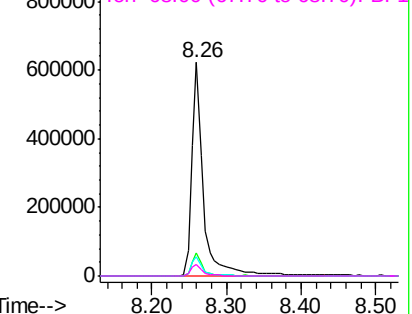
137 10.6 8.9 13.3

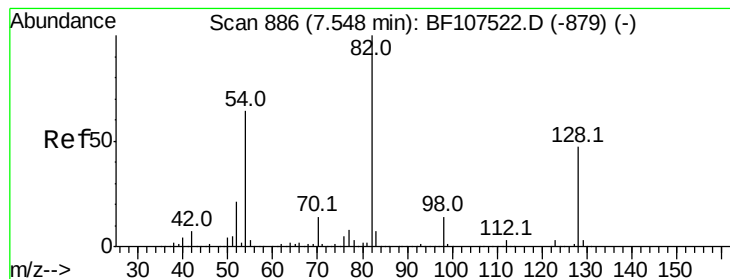
54 9.2 6.6 9.8

68 5.4 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: 79.531 ng

RT: 7.54 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF107603.D

Acq: 23 Jul 2018 22:01

Instrument :

BNA_F

ClientSampleId :

SB-1-A

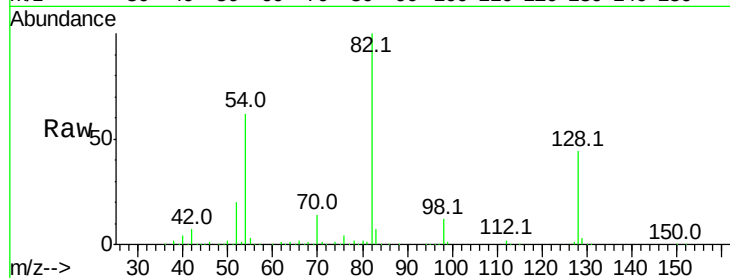
Tot Ion: 82 Resp: 805500

Ion Ratio Lower Upper

82 100

128 43.8 36.1 54.1

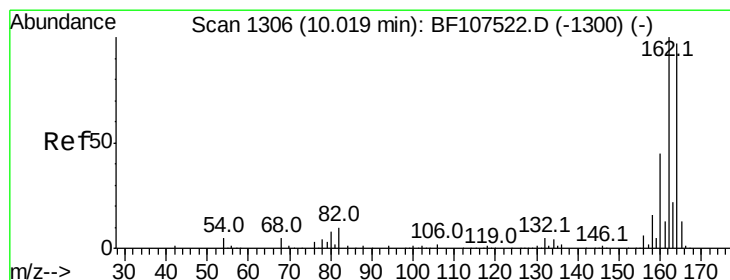
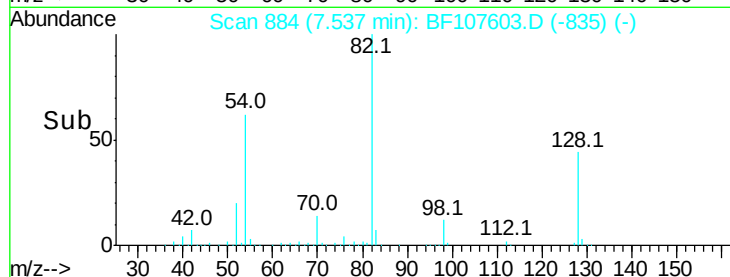
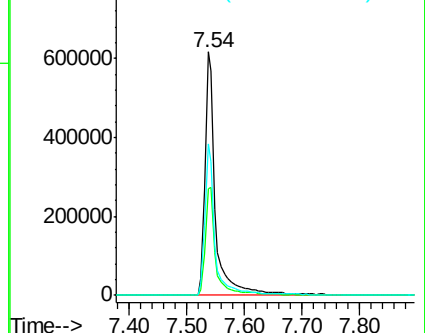
54 62.3 41.4 62.2#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1306

Delta R.T. 0.00 min

Lab File: BF107603.D

Acq: 23 Jul 2018 22:01

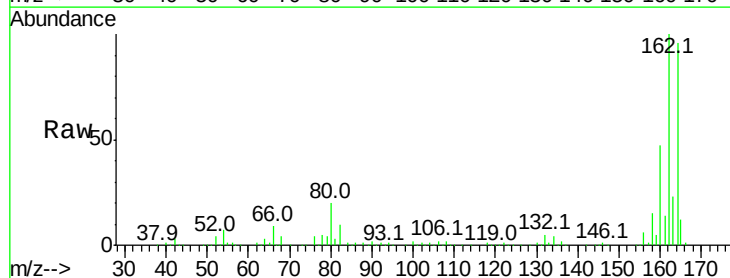
Tgt Ion:164 Resp: 263028

Ion Ratio Lower Upper

164 100

162 104.6 86.1 129.1

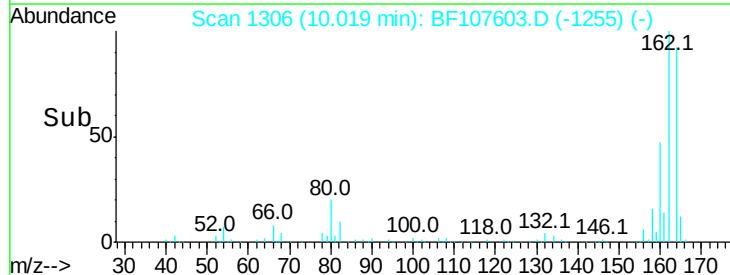
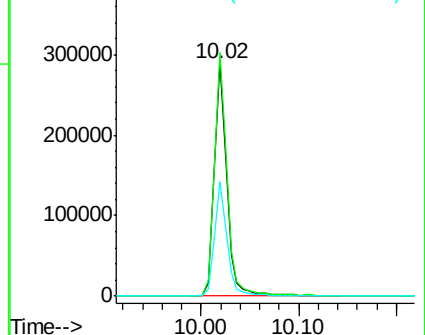
160 48.9 38.3 57.5

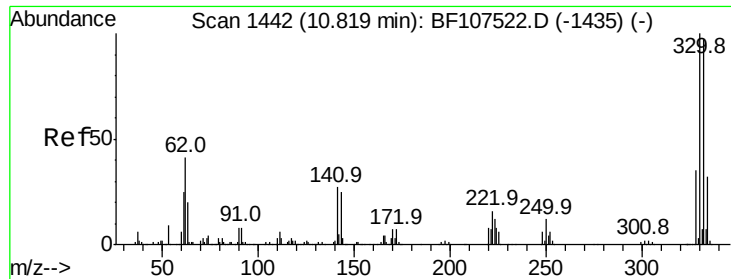


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

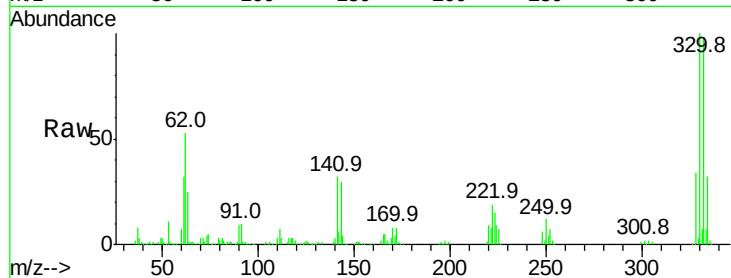




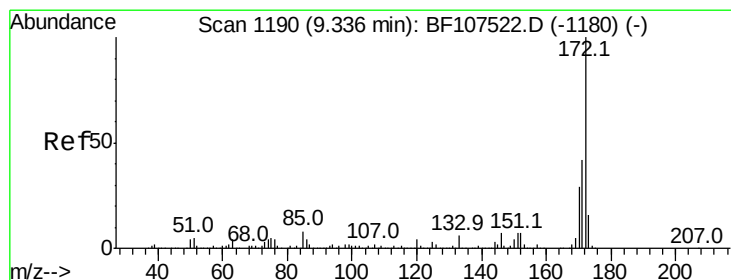
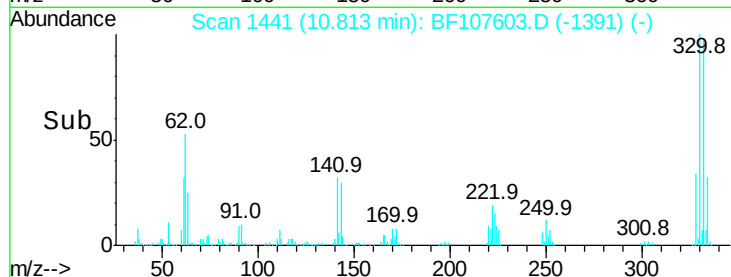
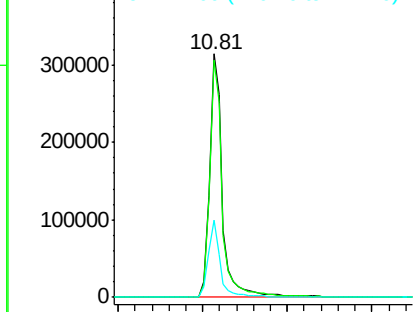
#41
 2,4,6-Tribromophenol
 Concen: 111.963 ng
 RT: 10.81 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF107603.D
 Acq: 23 Jul 2018 22:01

Instrument :
 BNA_F
 ClientSampleId :
 SB-1-A

Tot Ion:330 Resp: 334887
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 29.8 29.9 44.9#

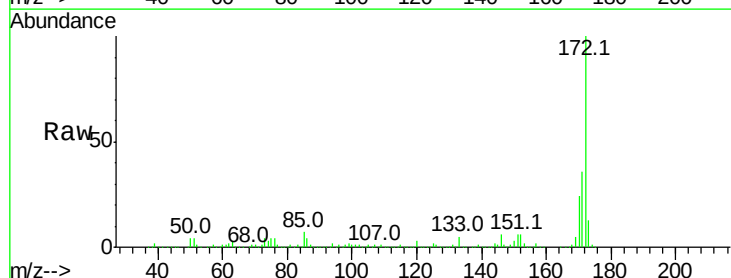


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

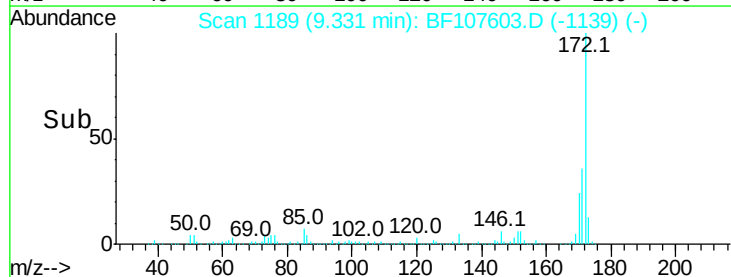
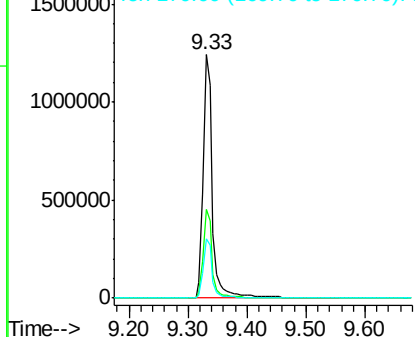


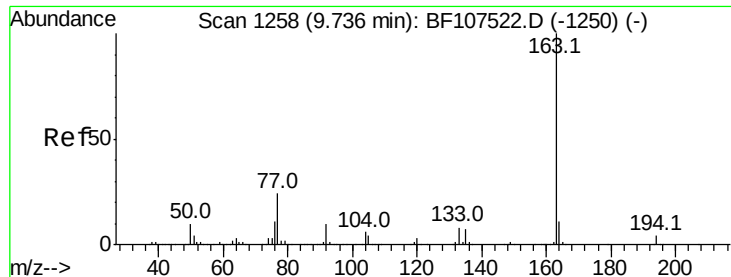
#44
 2-Fluorobiphenyl
 Concen: 87.619 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF107603.D
 Acq: 23 Jul 2018 22:01

Tgt Ion:172 Resp: 1334415
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.1 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

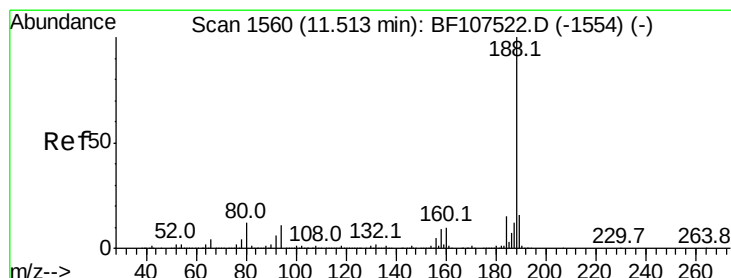
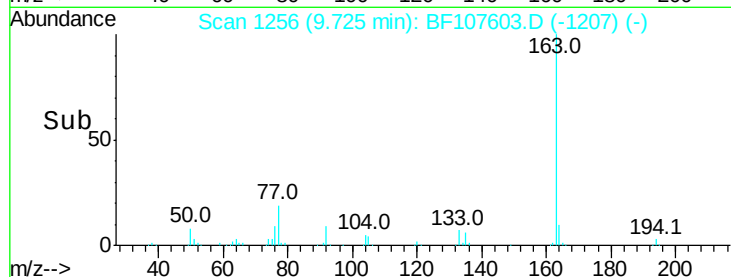
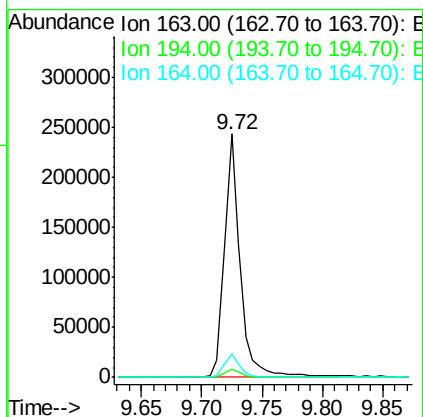
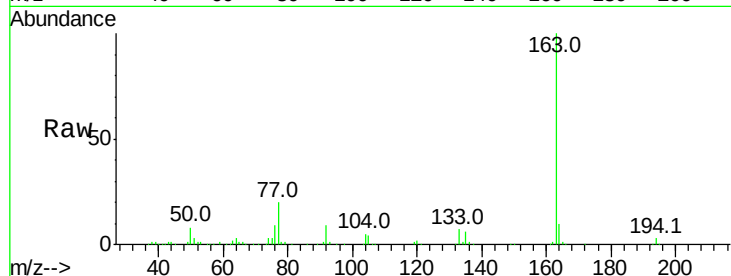




#49
Dimethylphthalate
Concen: 11.086 ng
RT: 9.72 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF107603.D
Acq: 23 Jul 2018 22:01

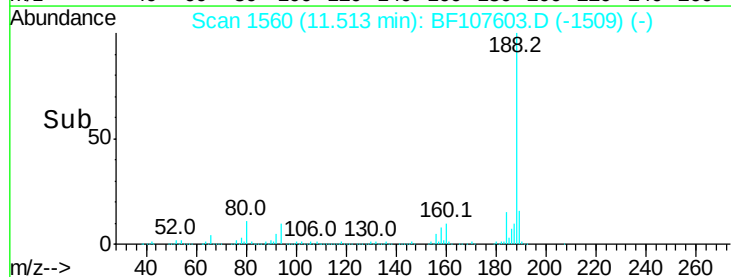
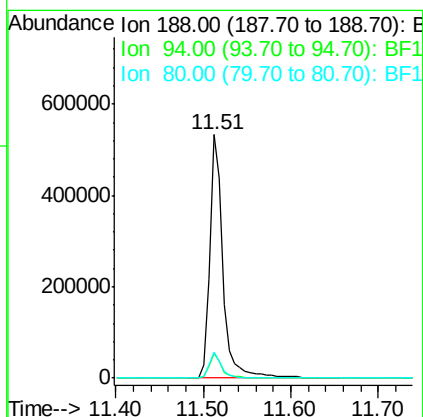
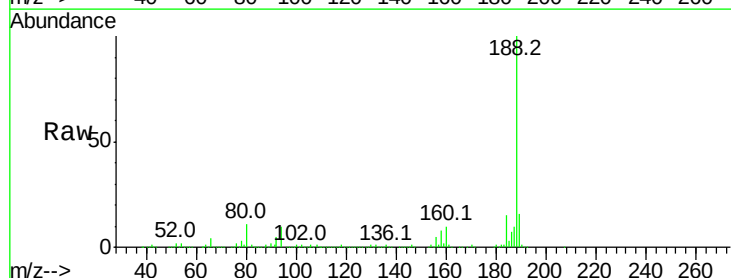
Instrument :
BNA_F
ClientSampleId :
SB-1-A

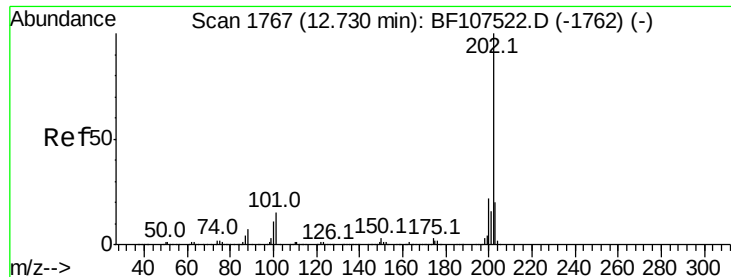
Tot Ion:163 Resp: 219755
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 9.8 8.2 12.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF107603.D
Acq: 23 Jul 2018 22:01

Tgt Ion:188 Resp: 557859
Ion Ratio Lower Upper
188 100
94 10.3 8.5 12.7
80 10.9 9.2 13.8





#74

Fluoranthene

Concen: 2.165 ng

RT: 12.73 min Scan# 1767

Delta R.T. 0.00 min

Lab File: BF107603.D

Acq: 23 Jul 2018 22:01

Instrument :

BNA_F

ClientSampleId :

SB-1-A

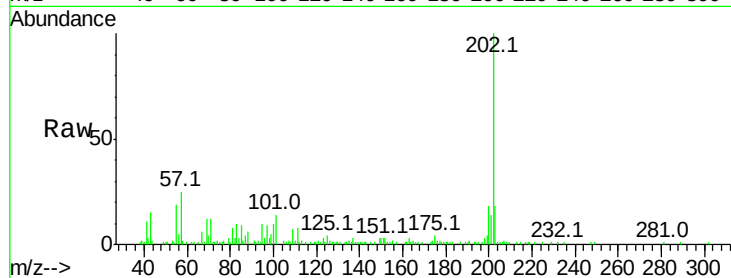
Tot Ion:202 Resp: 63149

Ion Ratio Lower Upper

202 100

101 14.1 0.0 34.1

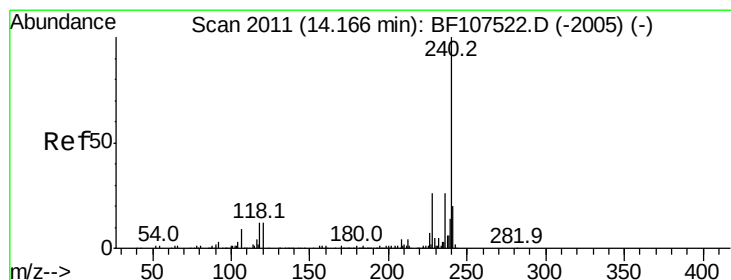
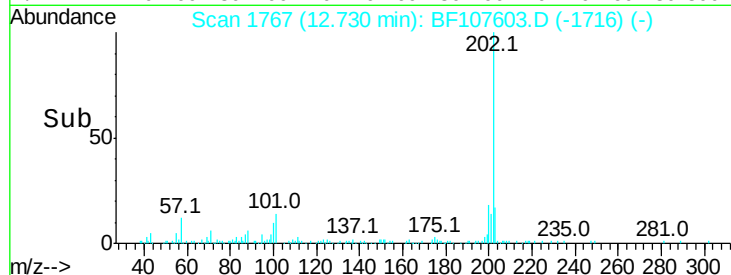
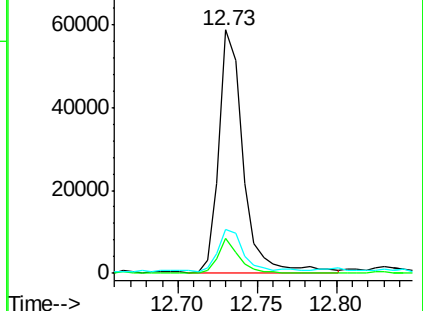
203 17.8 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2011

Delta R.T. 0.00 min

Lab File: BF107603.D

Acq: 23 Jul 2018 22:01

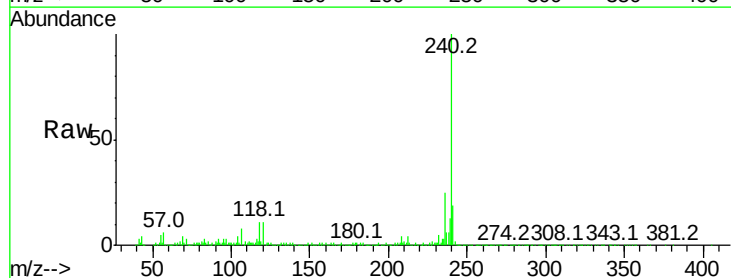
Tgt Ion:240 Resp: 454840

Ion Ratio Lower Upper

240 100

120 11.5 9.5 14.3

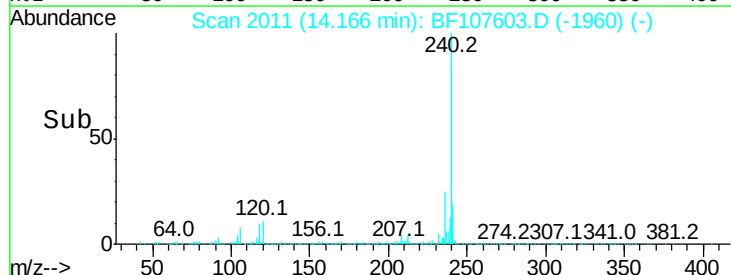
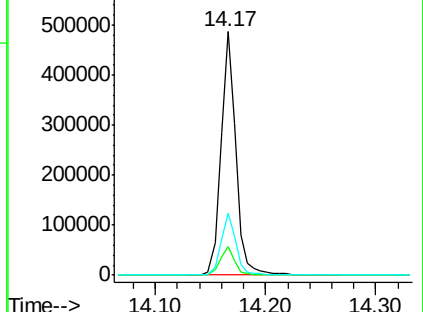
236 25.4 20.7 31.1

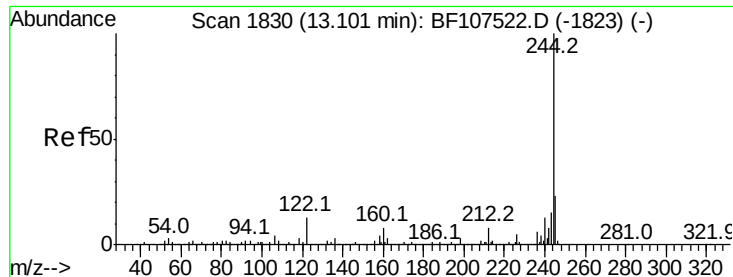


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 83.054 ng

RT: 13.10 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BF107603.D

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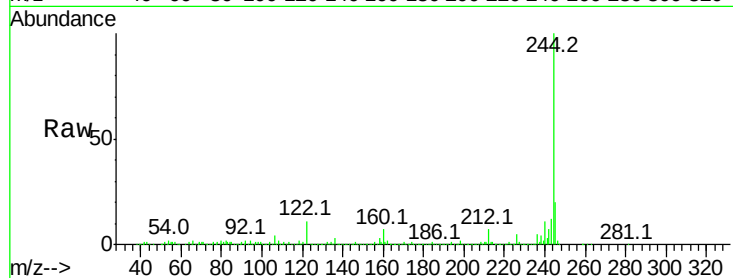
Tot Ion:244 Resp: 1475577

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

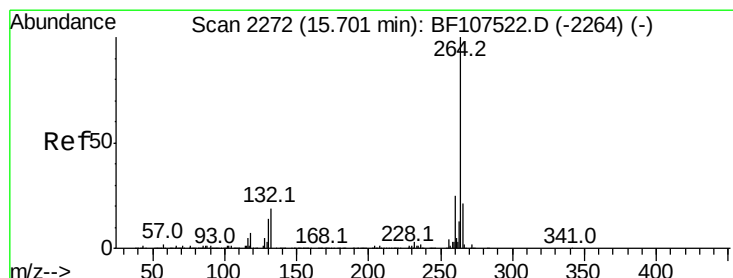
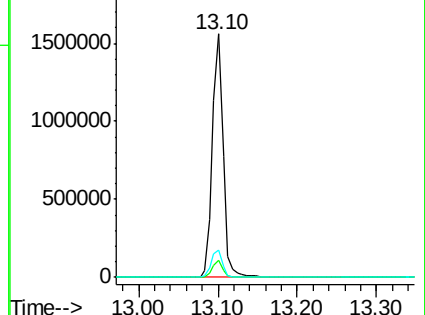
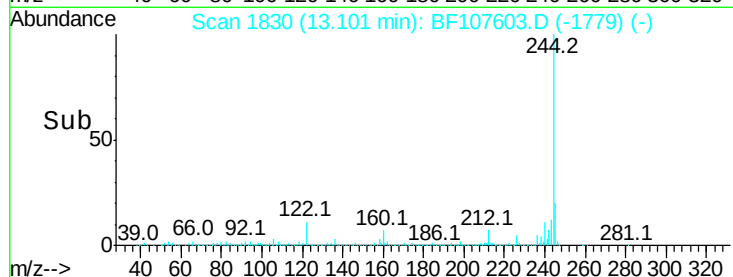
122 11.1 11.0 16.4



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: 15.71 min Scan# 2273

Delta R.T. 0.01 min

Lab File: BF107603.D

Acq: 23 Jul 2018 22:01

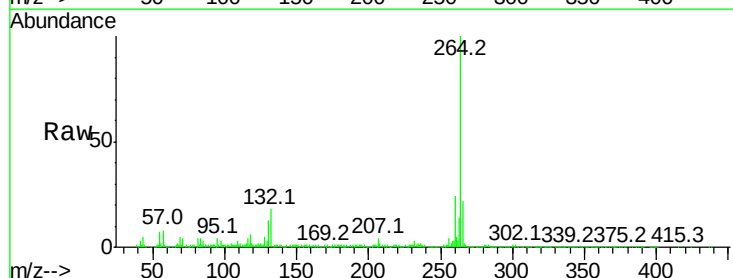
Tgt Ion:264 Resp: 339146

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.8 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

