

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
 Data File : BF107434.D
 Acq On : 17 Jul 2018 5:40
 Operator : JU/SJ
 Sample : J3633-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-1(0-6)

Quant Time: Jul 17 07:21:41 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

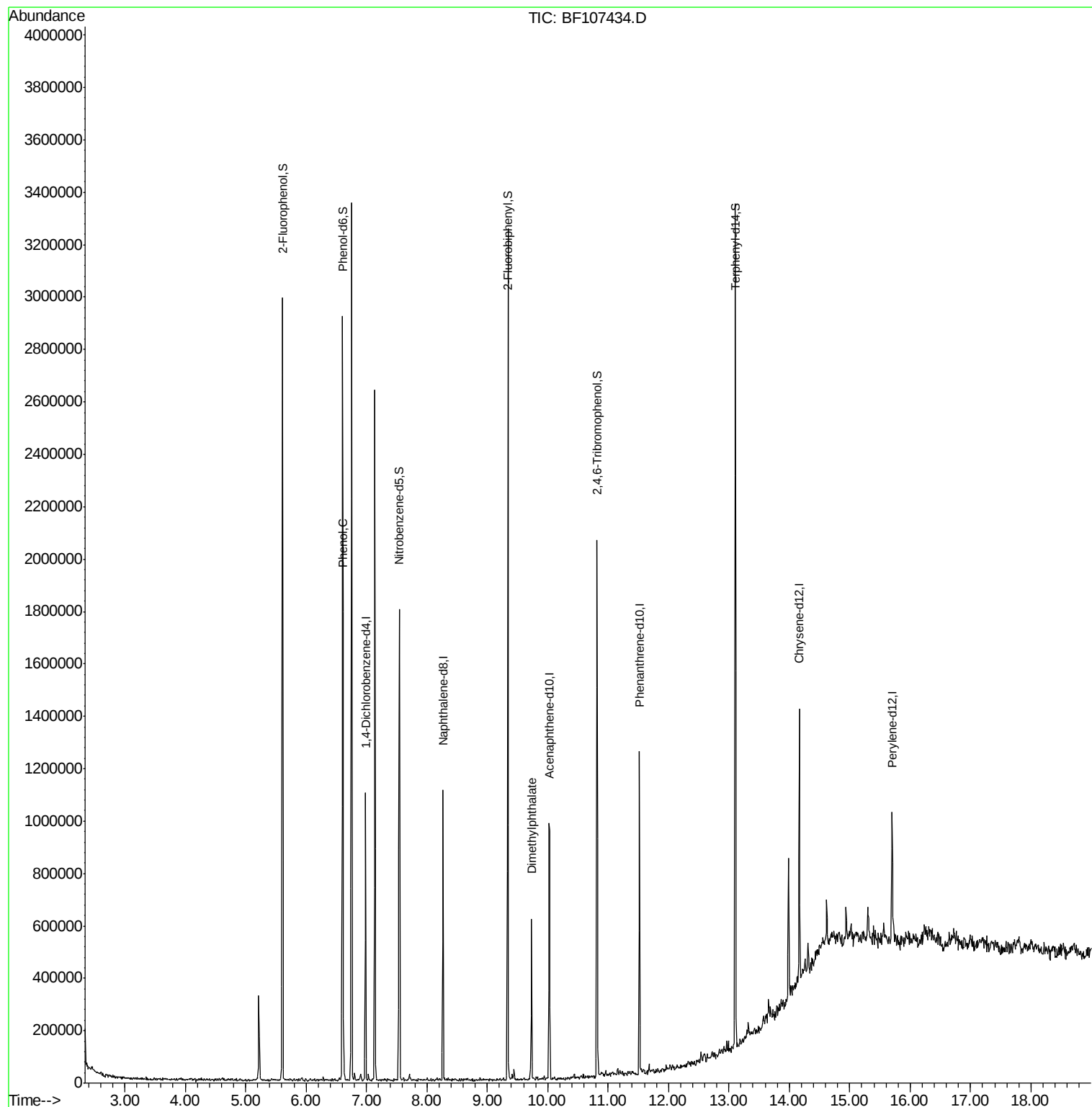
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	116555	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	391031	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	179159	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	372467	20.00	ng	0.00
75) Chrysene-d12	14.17	240	365793	20.00	ng	0.00
86) Perylene-d12	15.70	264	221415	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	687960	89.64	ng	0.02
7) Phenol-d6	6.61	99	841501	84.81	ng	0.01
23) Nitrobenzene-d5	7.54	82	564997	77.05	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	156093	99.16	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	817745	74.80	ng	0.00
78) Terphenyl-d14	13.11	244	872343	59.25	ng	0.00
Target Compounds						
10) Phenol	6.62	94	27150	2.552	ng	# 66
49) Dimethylphthalate	9.73	163	189641	13.322	ng	# 94

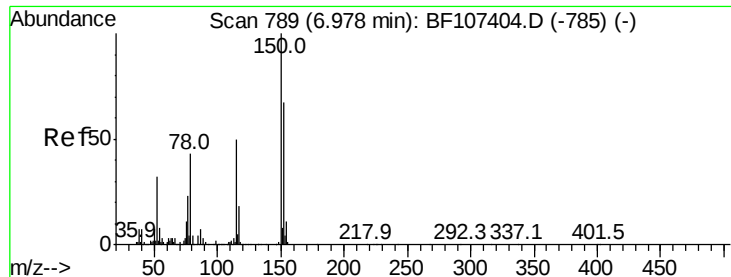
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF107434.D

Acq: 17 Jul 2018 5:40

Instrument :

BNA_F

ClientSampleId :

B-1(0-6)

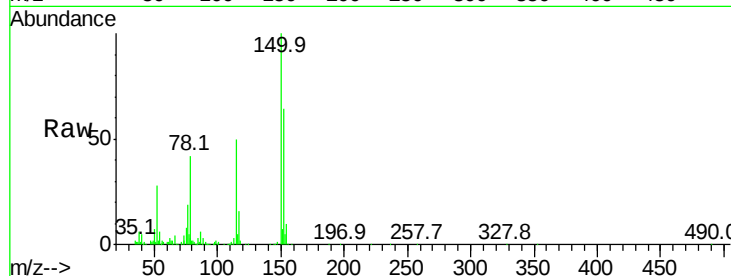
Tot Ion:152 Resp: 116555

Ion Ratio Lower Upper

152 100

150 157.3 124.6 186.8

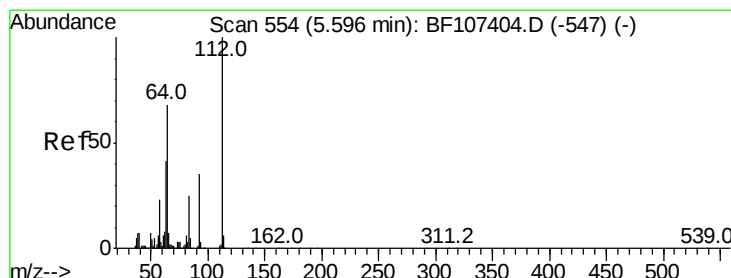
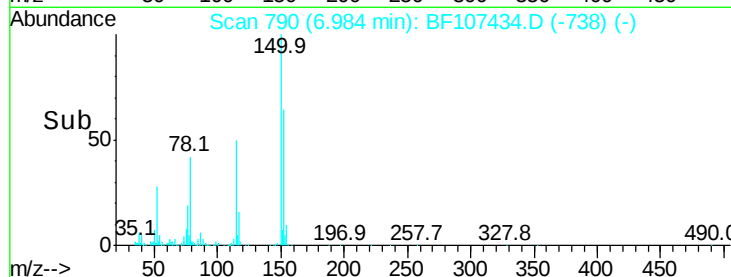
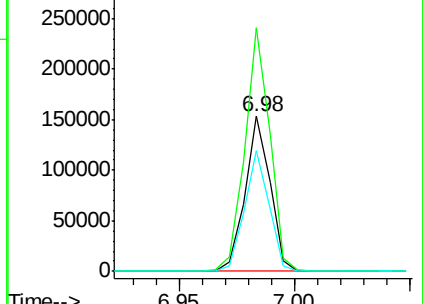
115 78.1 50.1 75.1#



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



#5

2-Fluorophenol

Concen: 89.643 ng

RT: 5.61 min Scan# 557

Delta R.T. 0.02 min

Lab File: BF107434.D

Acq: 17 Jul 2018 5:40

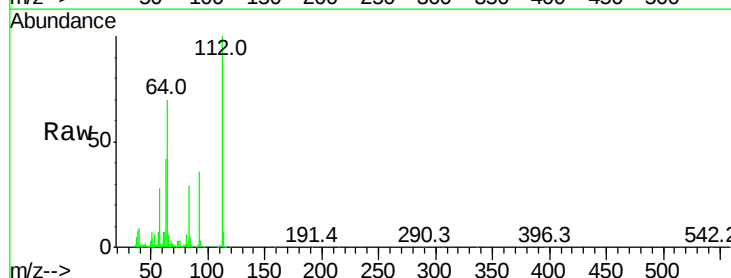
Tgt Ion:112 Resp: 687960

Ion Ratio Lower Upper

112 100

64 70.4 47.9 71.9

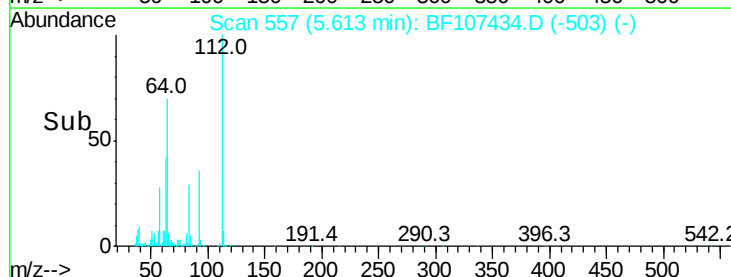
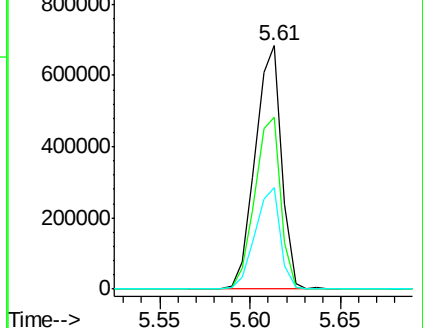
63 41.9 23.7 35.5#

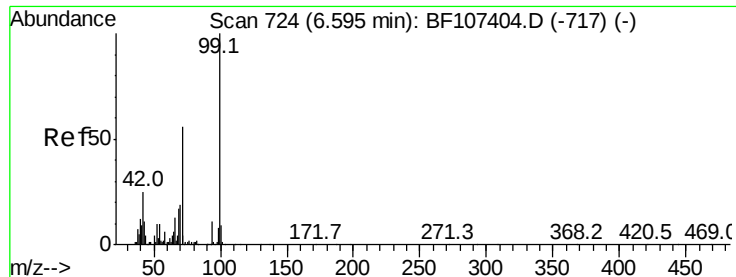


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 84.810 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF107434.D

Acq: 17 Jul 2018 5:40

Instrument :

BNA_F

ClientSampleId :

B-1(0-6)

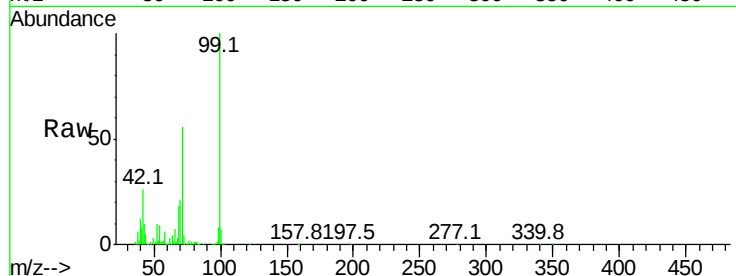
Tot Ion: 99 Resp: 841501

Ion Ratio Lower Upper

99 100

42 26.0 14.5 21.7#

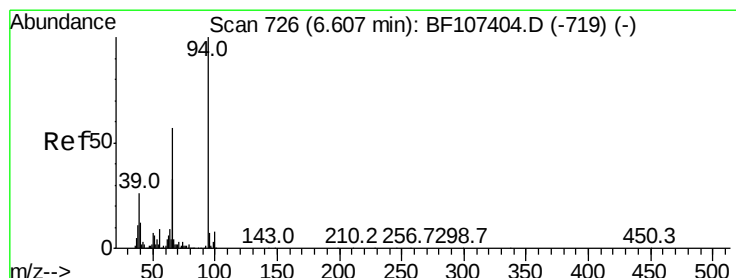
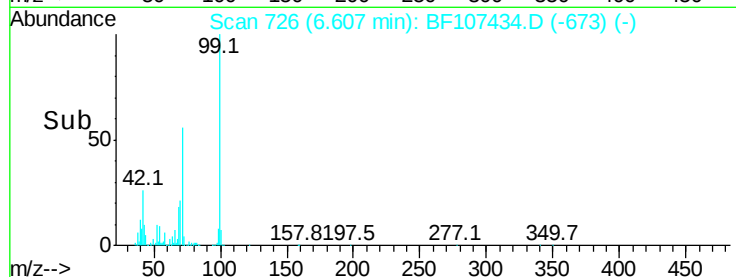
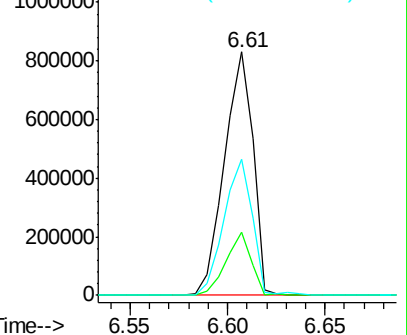
71 56.1 25.4 38.0#



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: 2.552 ng

RT: 6.62 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF107434.D

Acq: 17 Jul 2018 5:40

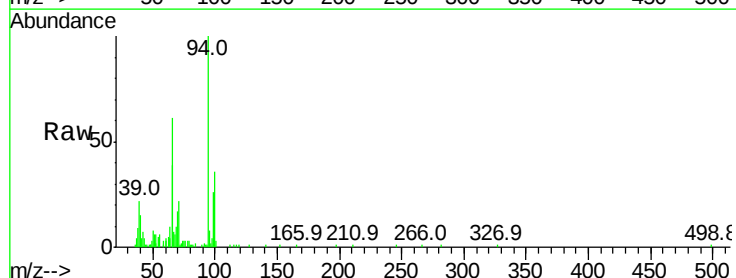
Tgt Ion: 94 Resp: 27150

Ion Ratio Lower Upper

94 100

65 39.3 7.9 47.9

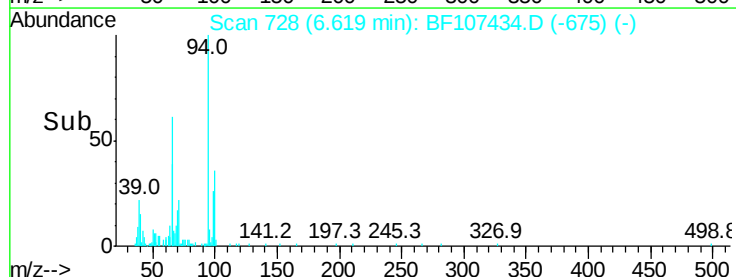
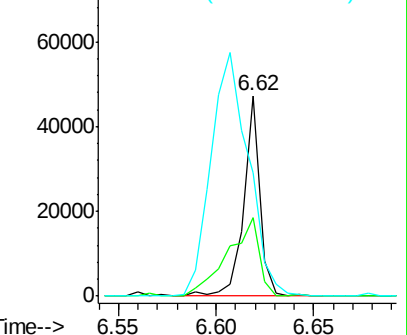
66 61.4 16.2 56.2#

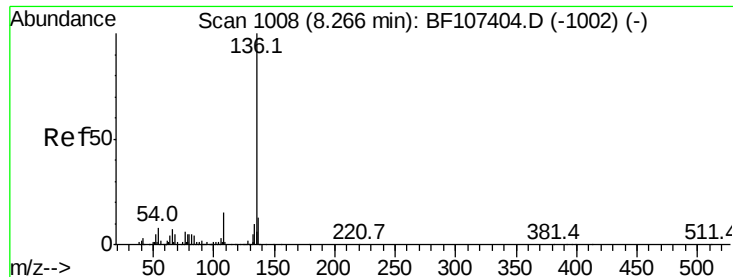


Abundance Ion 94.00 (93.70 to 94.70): BF1

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: BF107434.D

Acq: 17 Jul 2018 5:40

Instrument :

BNA_F

ClientSampleId :

B-1(0-6)

Tot Ion:136 Resp: 391031

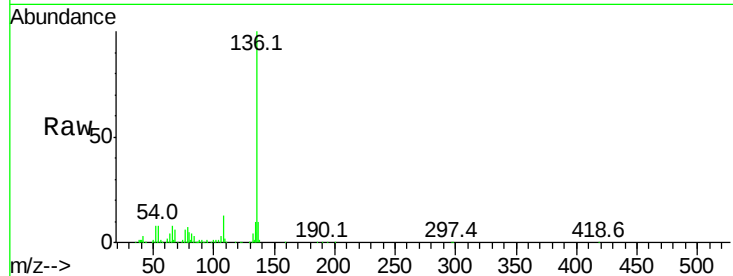
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 8.0 6.6 9.8

68 5.5 5.0 7.4

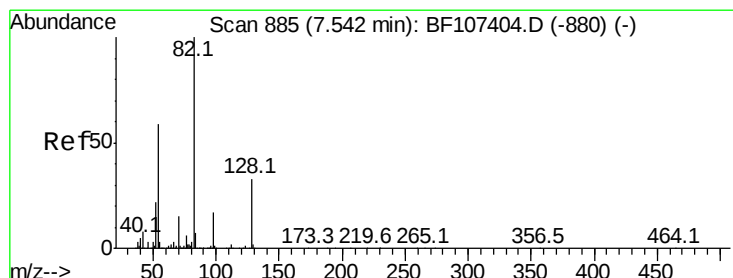
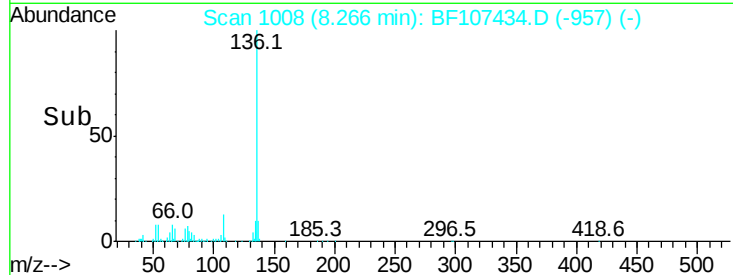
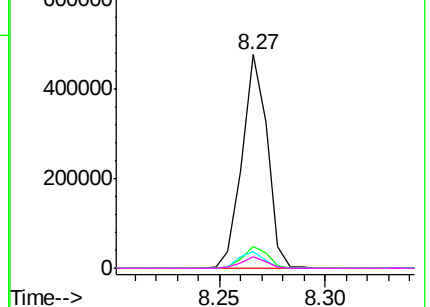


Abundance Ion 136.00 (135.70 to 136.70): E

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: 77.048 ng

RT: 7.54 min Scan# 885

Delta R.T. -0.00 min

Lab File: BF107434.D

Acq: 17 Jul 2018 5:40

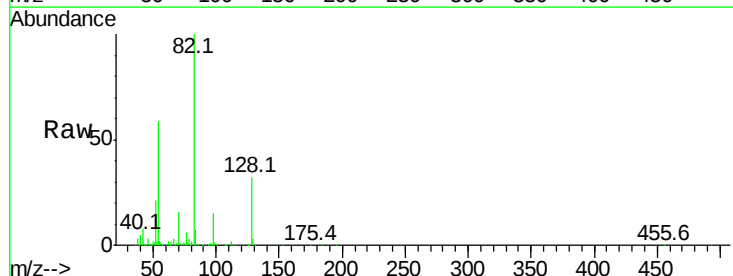
Tgt Ion: 82 Resp: 564997

Ion Ratio Lower Upper

82 100

128 32.1 36.1 54.1#

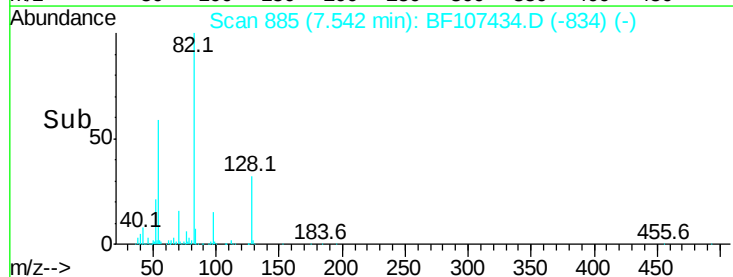
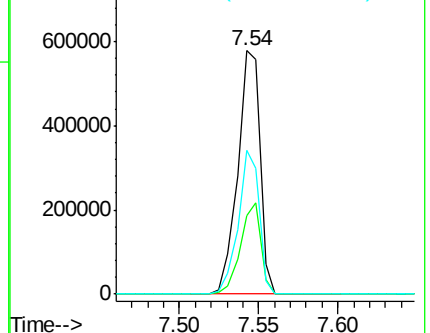
54 58.9 41.4 62.2

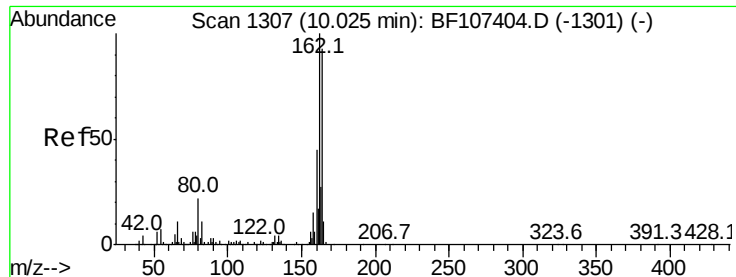


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: BF107434.D

Acq: 17 Jul 2018 5:40

Instrument :

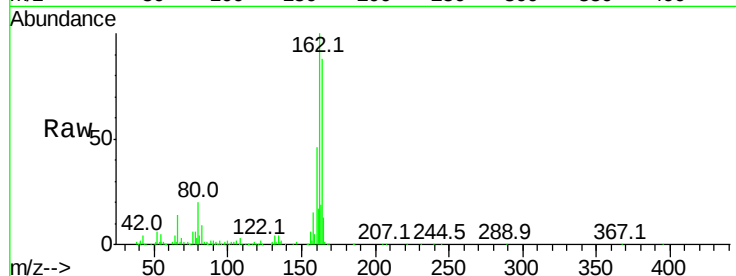
BNA_F

ClientSampleId :

B-1(0-6)

Tot Ion:164 Resp: 179159

Ion	Ratio	Lower	Upper
164	100		
162	113.5	86.1	129.1
160	52.6	38.3	57.5

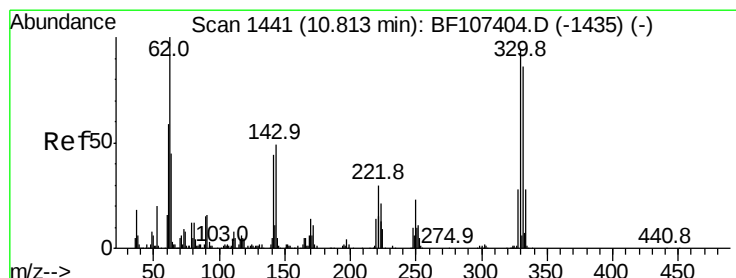
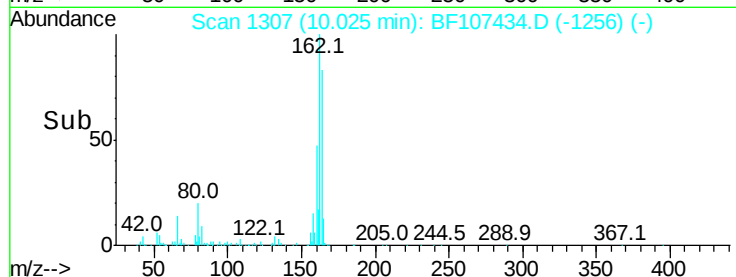
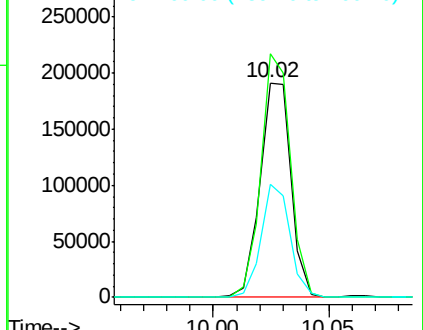


Abundance

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: 99.162 ng

RT: 10.82 min Scan# 1442

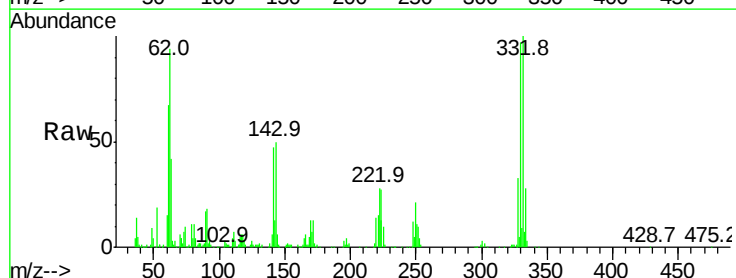
Delta R.T. 0.01 min

Lab File: BF107434.D

Acq: 17 Jul 2018 5:40

Tgt Ion:330 Resp: 156093

Ion	Ratio	Lower	Upper
330	100		
332	98.6	77.0	115.6
141	46.0	29.9	44.9

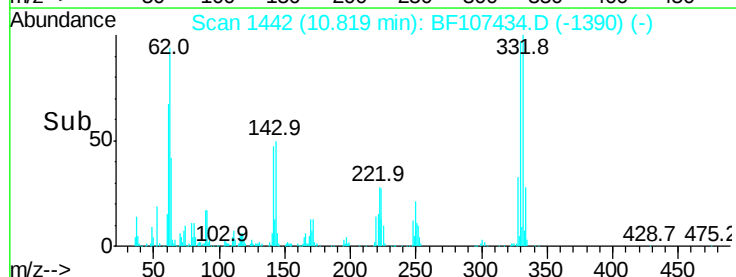
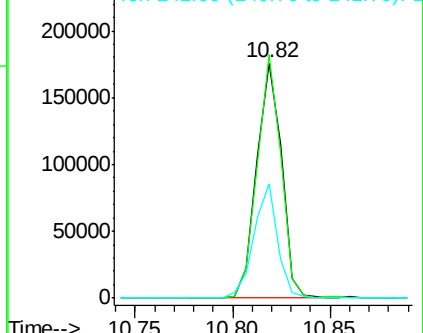


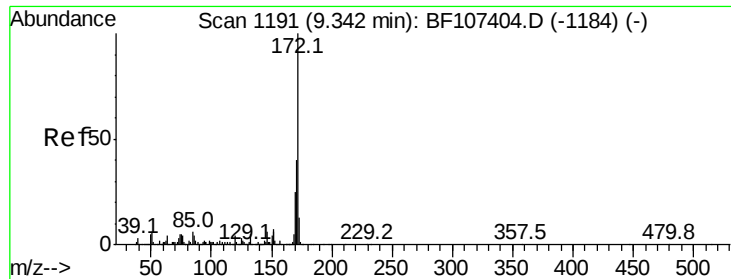
Abundance

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

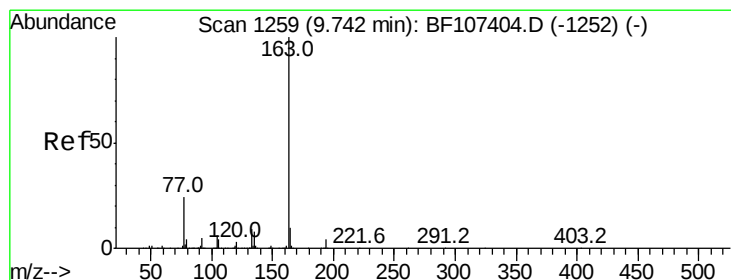
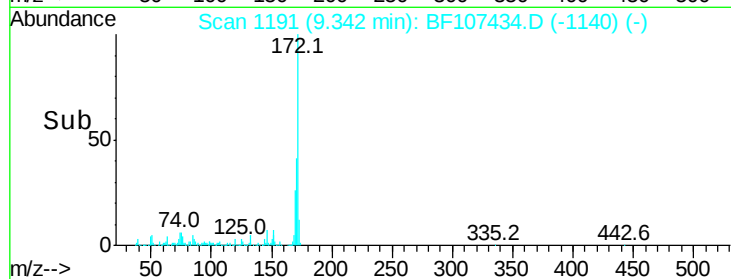
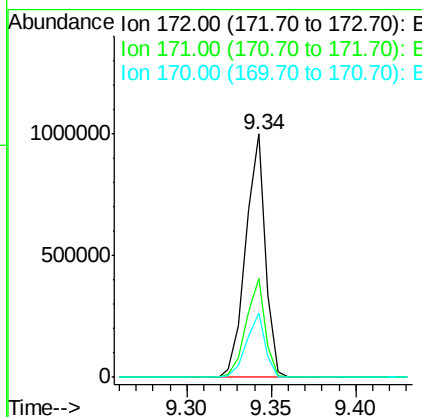
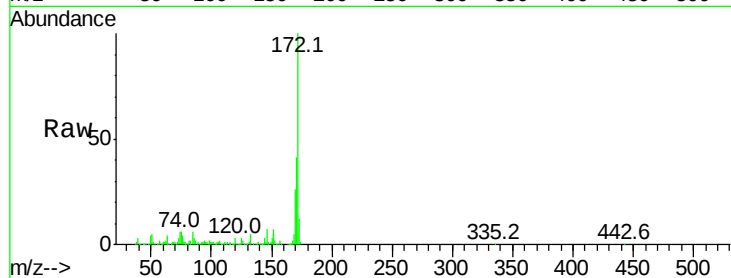




#44
2-Fluorobiphenyl
Concen: 74.803 ng
RT: 9.34 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BF107434.D
Acq: 17 Jul 2018 5:40

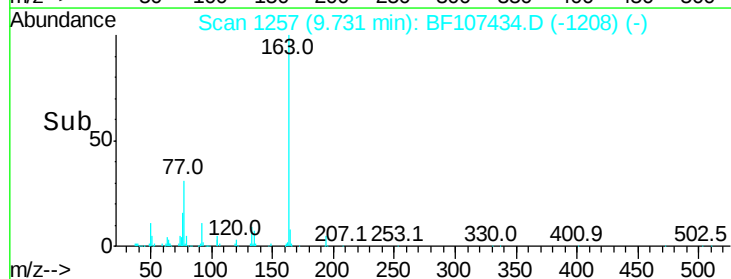
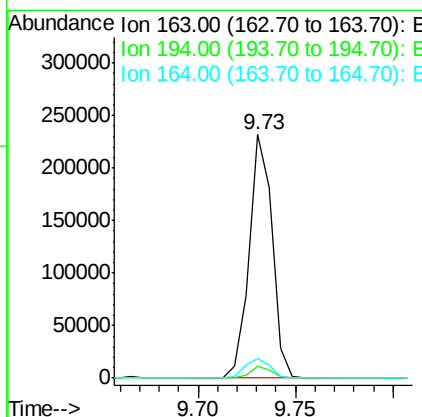
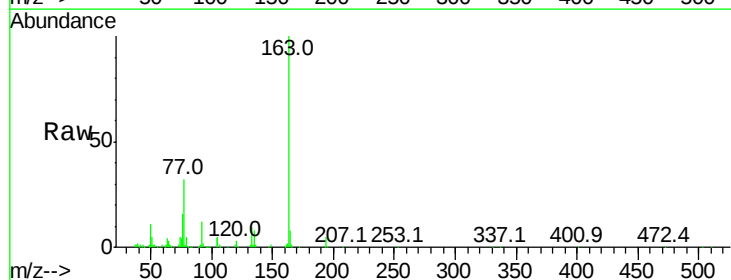
Instrument :
BNA_F
ClientSampleId :
B-1(0-6)

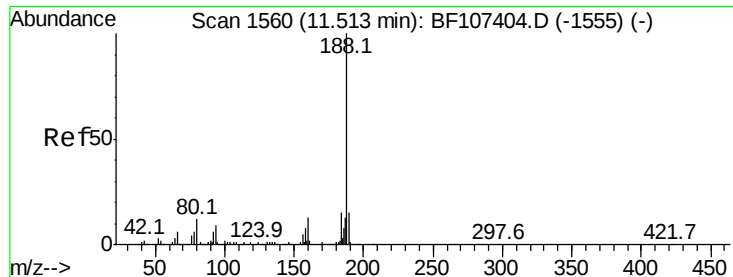
Tot Ion:172 Resp: 817745
Ion Ratio Lower Upper
172 100
171 40.5 29.7 44.5
170 26.3 19.6 29.4



#49
Dimethylphthalate
Concen: 13.322 ng
RT: 9.73 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF107434.D
Acq: 17 Jul 2018 5:40

Tgt Ion:163 Resp: 189641
Ion Ratio Lower Upper
163 100
194 5.1 2.7 4.1#
164 7.9 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: BF107434.D

Acq: 17 Jul 2018 5:40

Instrument :

BNA_F

ClientSampleId :

B-1(0-6)

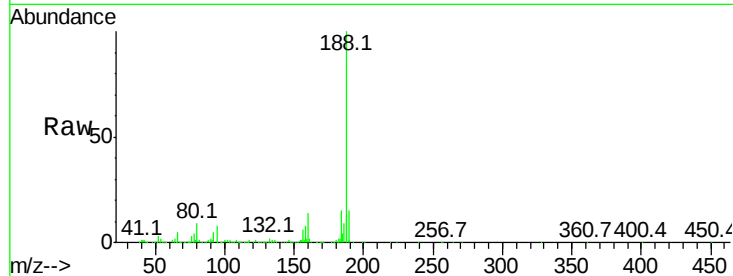
Tot Ion:188 Resp: 372467

Ion Ratio Lower Upper

188 100

94 8.1 8.5 12.7#

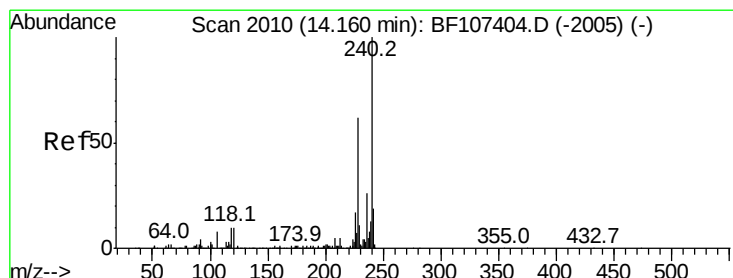
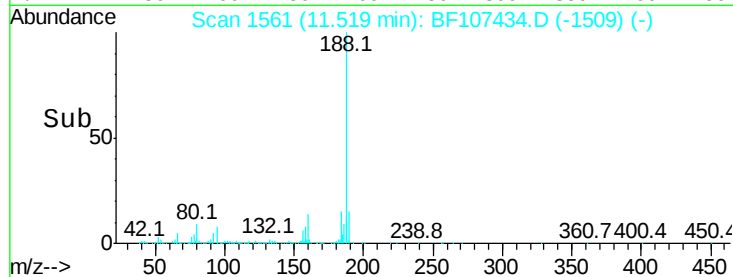
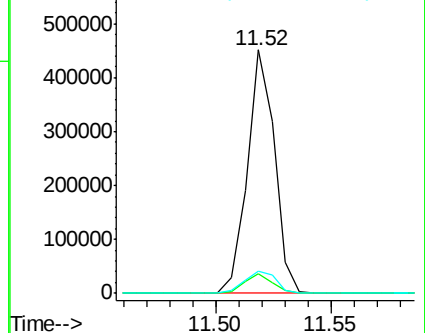
80 9.1 9.2 13.8#



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: BF107434.D

Acq: 17 Jul 2018 5:40

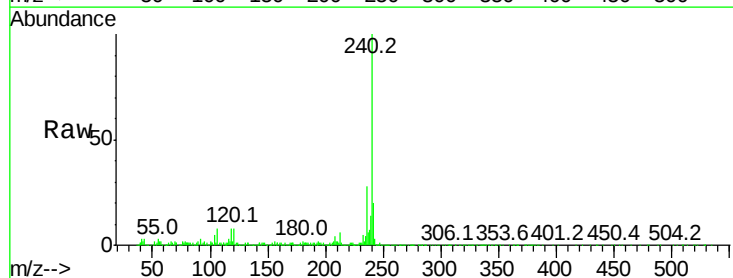
Tgt Ion:240 Resp: 365793

Ion Ratio Lower Upper

240 100

120 8.3 9.5 14.3#

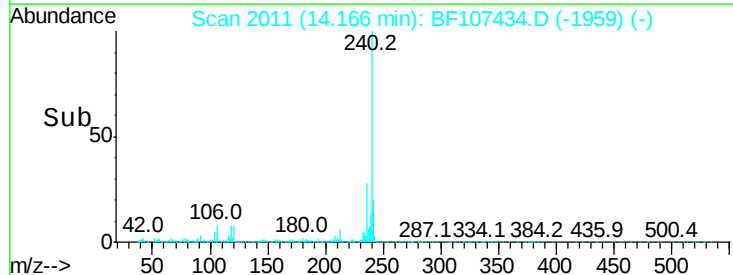
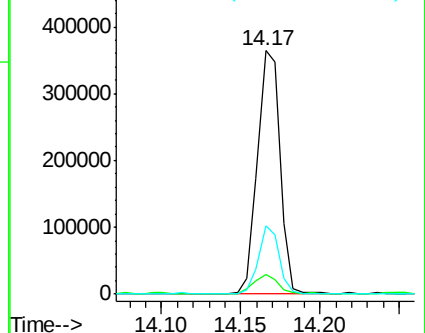
236 27.9 20.7 31.1

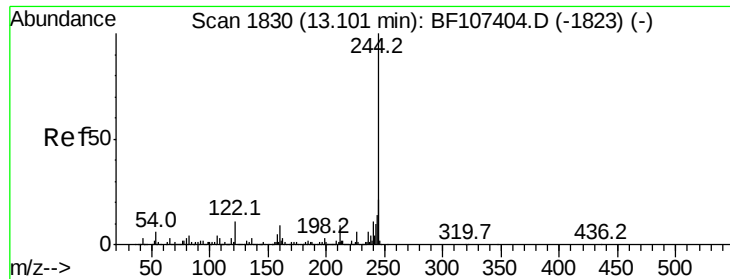


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 59.252 ng

RT: 13.11 min Scan# 1831

Delta R.T. 0.01 min

Lab File: BF107434.D

Acq: 17 Jul 2018 5:40

Instrument :

BNA_F

ClientSampleId :

B-1(0-6)

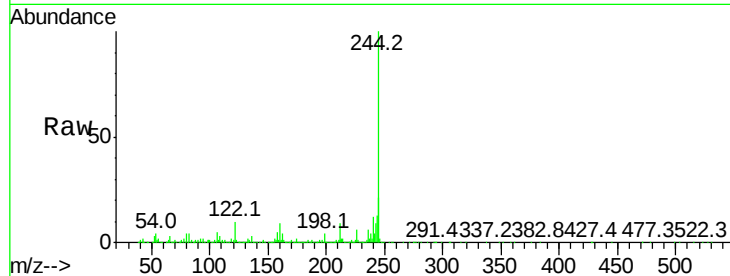
Tot Ion:244 Resp: 872343

Ion Ratio Lower Upper

244 100

212 9.1 5.4 8.0#

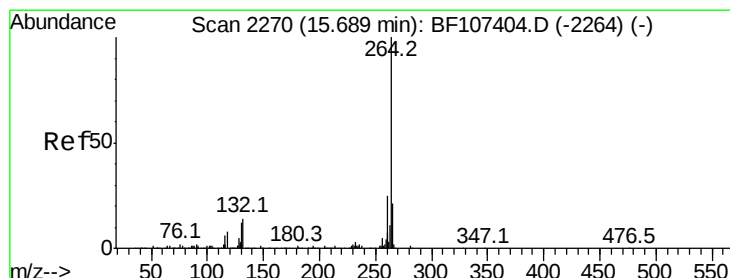
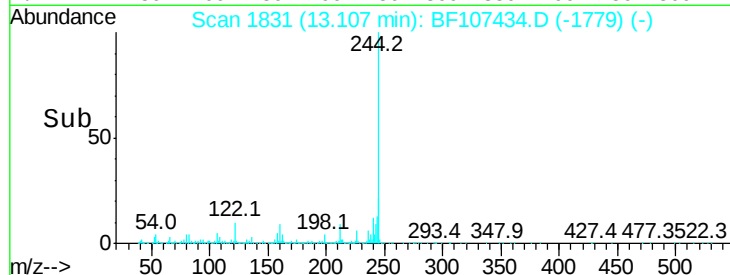
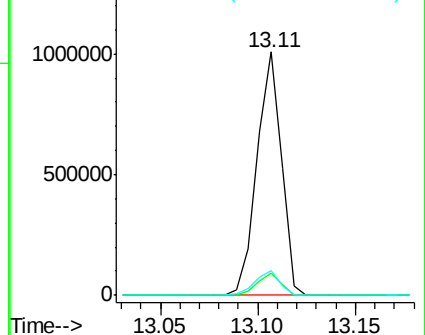
122 10.3 11.0 16.4#



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: BF107434.D

Acq: 17 Jul 2018 5:40

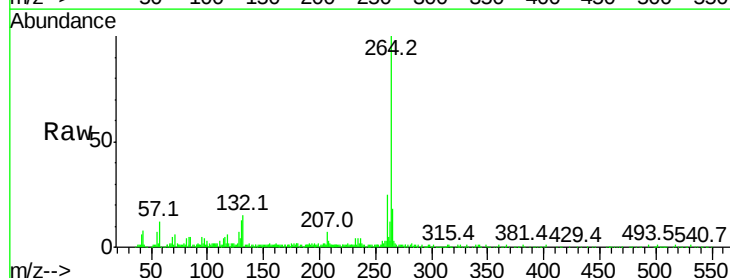
Tgt Ion:264 Resp: 221415

Ion Ratio Lower Upper

264 100

260 25.1 19.2 28.8

265 18.3 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

