

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
 Data File : BF106330.D
 Acq On : 12 Jun 2018 8:08
 Operator : JU/SJ
 Sample : J3309-02
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-5R

Quant Time: Jun 12 11:39:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 11 15:00:22 2018
 Response via : Initial Calibration

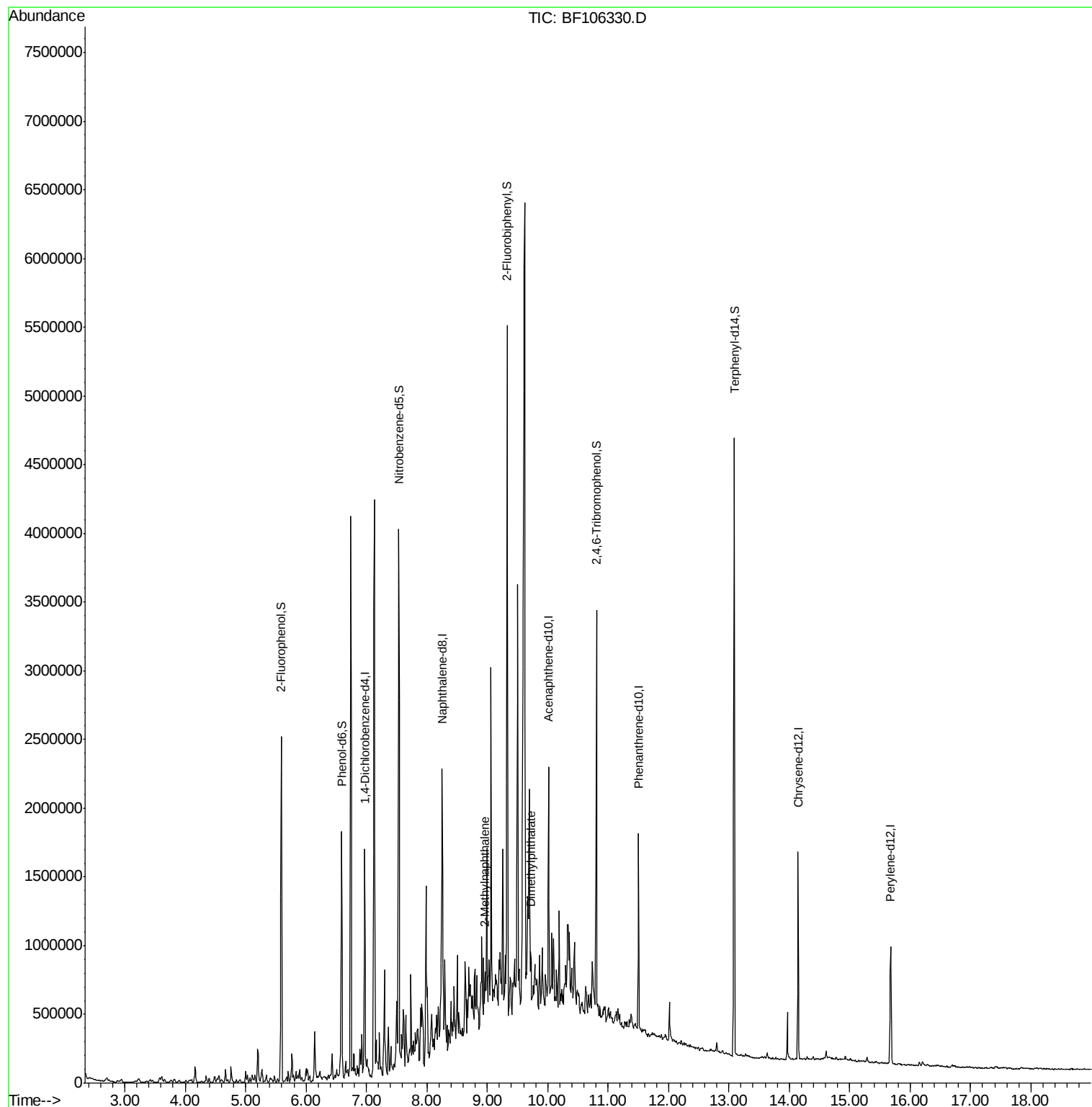
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	199557	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	687062	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	323105	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	495438	20.00	ng	0.00
75) Chrysene-d12	14.15	240	539069	20.00	ng	-0.01
86) Perylene-d12	15.68	264	413856	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	684465	58.05	ng	0.00
7) Phenol-d6	6.59	99	542071	36.39	ng	0.00
23) Nitrobenzene-d5	7.54	82	1075601	92.10	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	414174	133.23	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1679717	96.16	ng	0.00
78) Terphenyl-d14	13.09	244	1639822	75.56	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	8.97	142	76630	3.622	ng	Qvalue 94
49) Dimethylphthalate	9.72	163	101135	4.381	ng	# 96

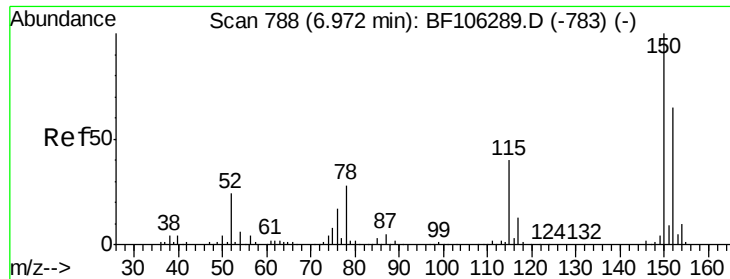
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.97 min Scan# 788

Delta R.T. 0.00 min

Lab File: BF106330.D

Acq: 12 Jun 2018 8:08

Instrument :

BNA_F

ClientSampleId :

MW-5R

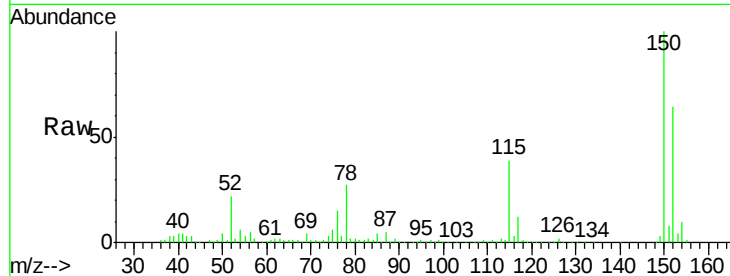
Tot Ion:152 Resp: 199557

Ion Ratio Lower Upper

152 100

150 156.1 124.6 186.8

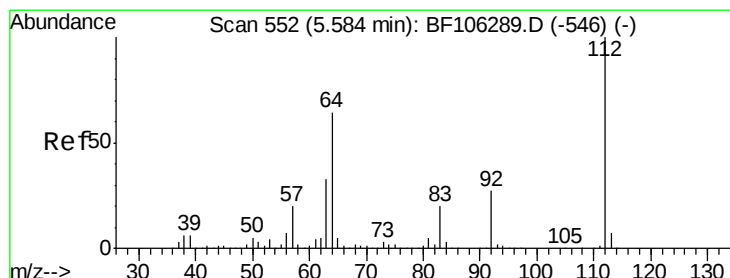
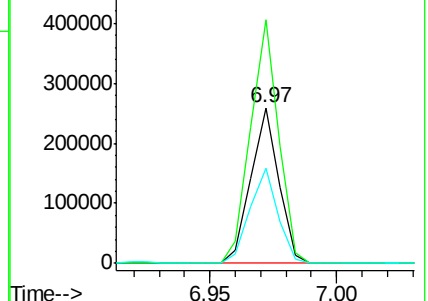
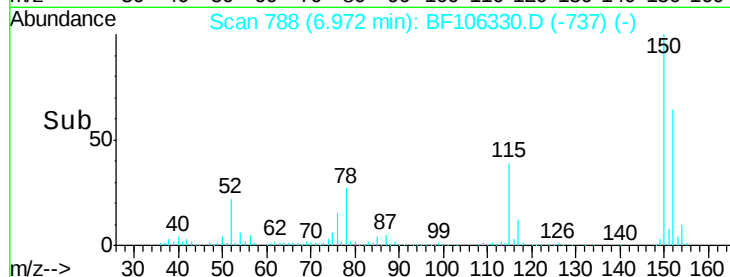
115 61.3 50.1 75.1



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: 58.051 ng

RT: 5.59 min Scan# 553

Delta R.T. 0.01 min

Lab File: BF106330.D

Acq: 12 Jun 2018 8:08

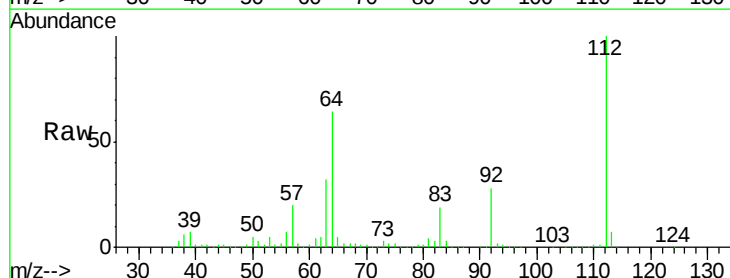
Tgt Ion:112 Resp: 684465

Ion Ratio Lower Upper

112 100

64 63.5 47.9 71.9

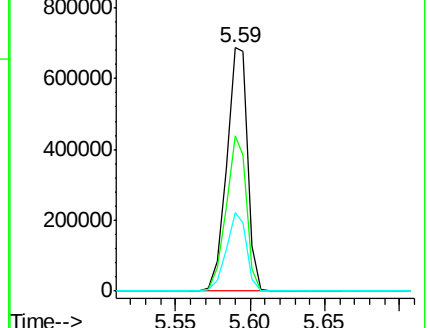
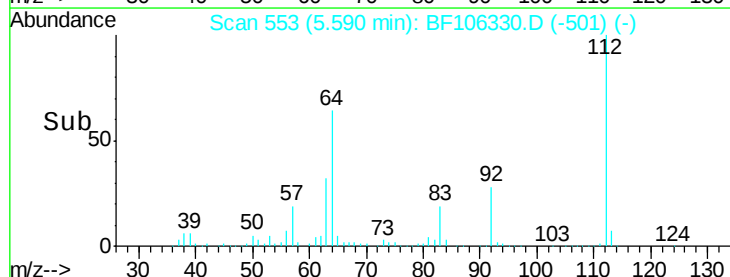
63 32.2 23.7 35.5

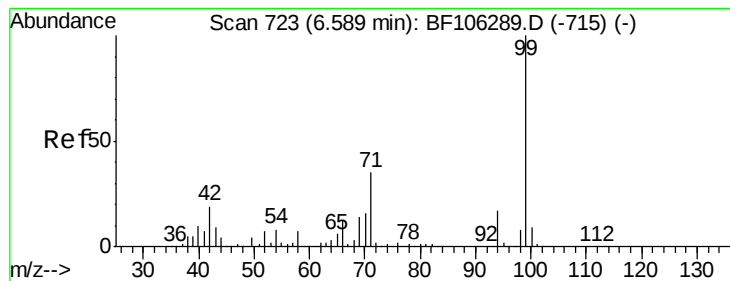


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 36.389 ng

RT: 6.59 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF106330.D

Acq: 12 Jun 2018 8:08

Instrument :

BNA_F

ClientSampleId :

MW-5R

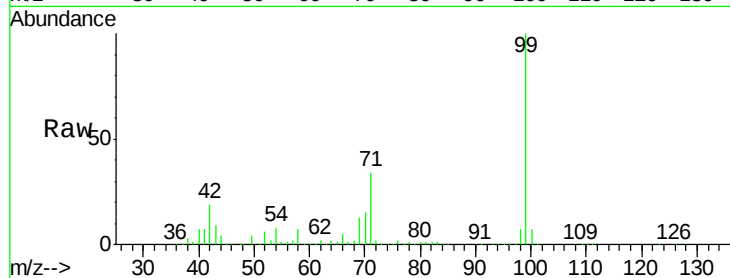
Tot Ion: 99 Resp: 542071

Ion Ratio Lower Upper

99 100

42 18.8 14.5 21.7

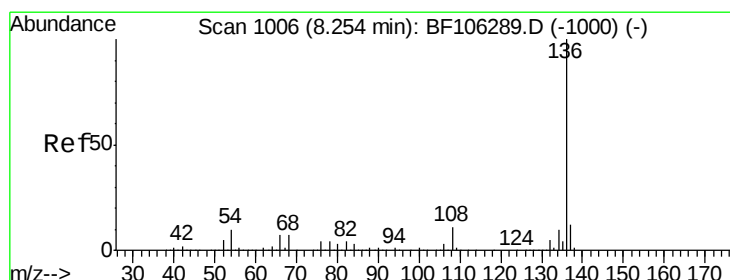
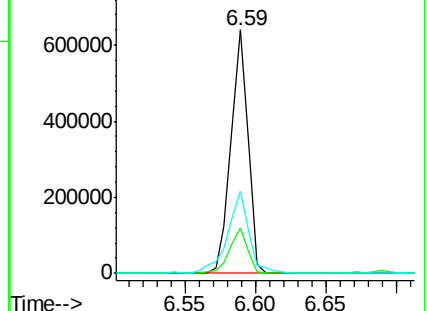
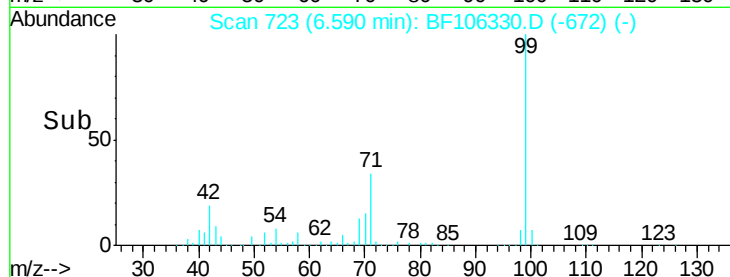
71 33.8 25.4 38.0



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: 8.25 min Scan# 1006

Delta R.T. 0.00 min

Lab File: BF106330.D

Acq: 12 Jun 2018 8:08

Tgt Ion: 136 Resp: 687062

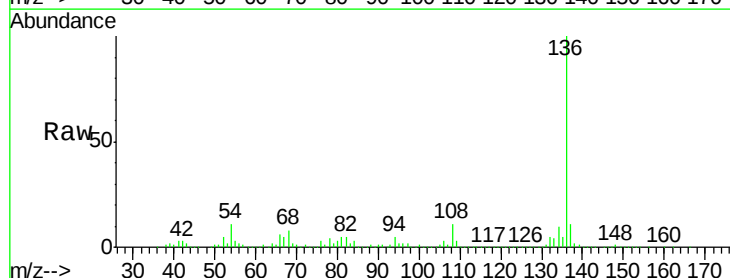
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 10.5 6.6 9.8#

68 8.3 5.0 7.4#

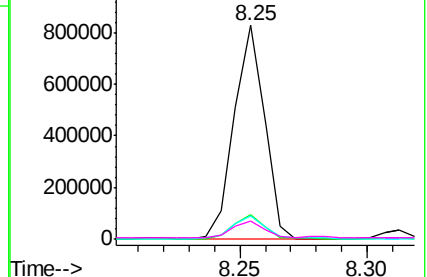
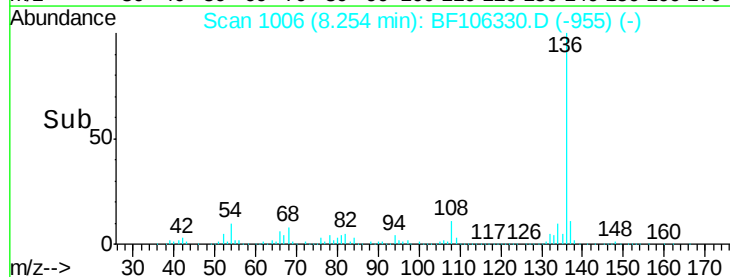


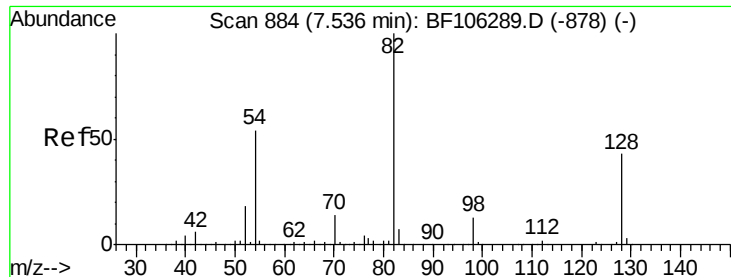
Abundance Ion 136.00 (135.70 to 136.70): E

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: 92.096 ng

RT: 7.54 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF106330.D

Acq: 12 Jun 2018 8:08

Instrument :

BNA_F

ClientSampleId :

MW-5R

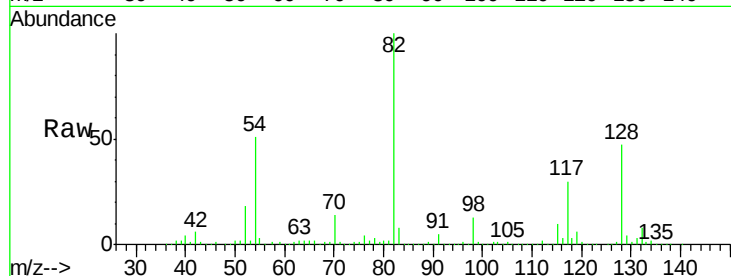
Tot Ion: 82 Resp: 1075601

Ion Ratio Lower Upper

82 100

128 46.8 36.1 54.1

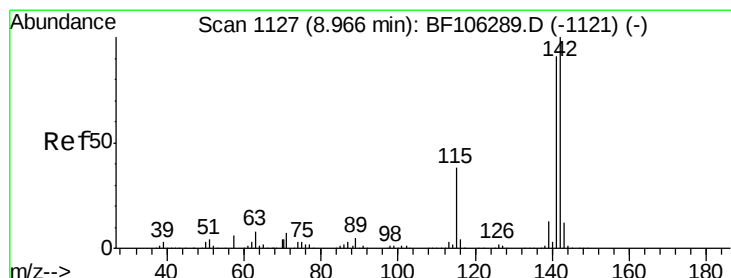
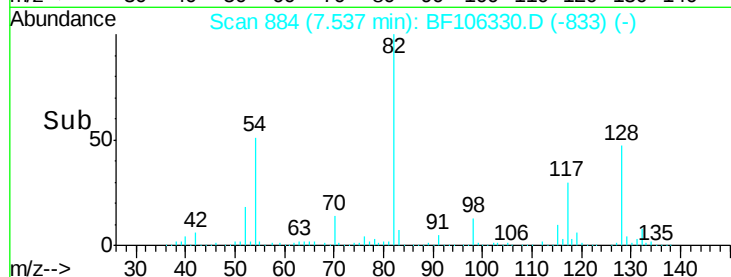
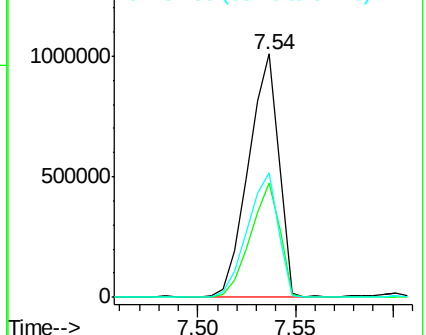
54 51.4 41.4 62.2



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



#37

2-Methylnaphthalene

Concen: 3.622 ng

RT: 8.97 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BF106330.D

Acq: 12 Jun 2018 8:08

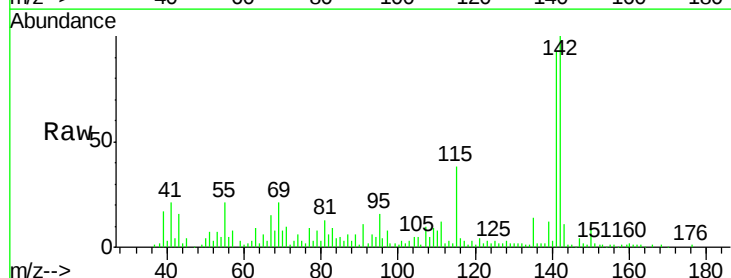
Tgt Ion:142 Resp: 76630

Ion Ratio Lower Upper

142 100

141 93.0 70.8 106.2

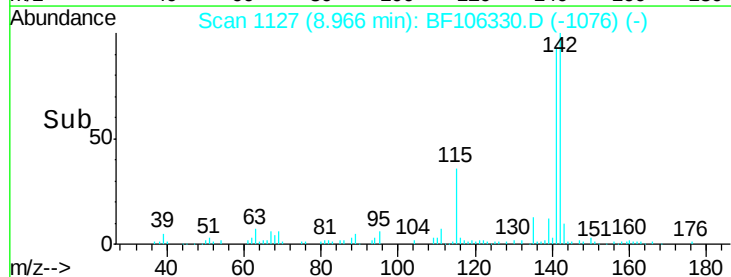
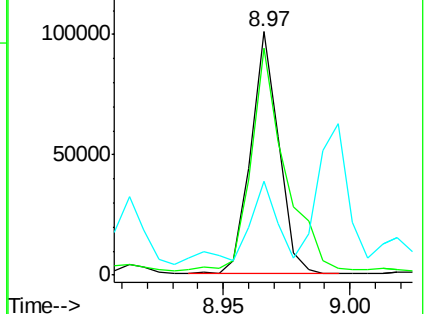
115 38.5 26.1 39.1

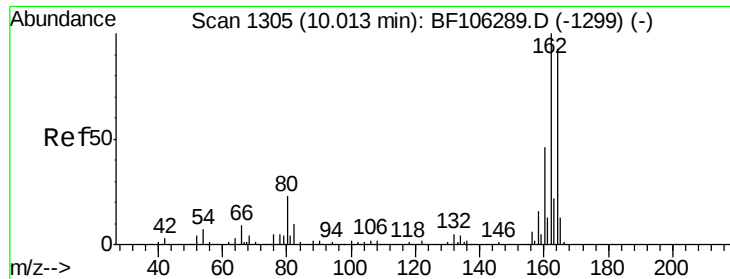


Abundance Ion 142.00 (141.70 to 142.70): BF1

Ion 141.00 (140.70 to 141.70): BF1

Ion 115.00 (114.70 to 115.70): BF1

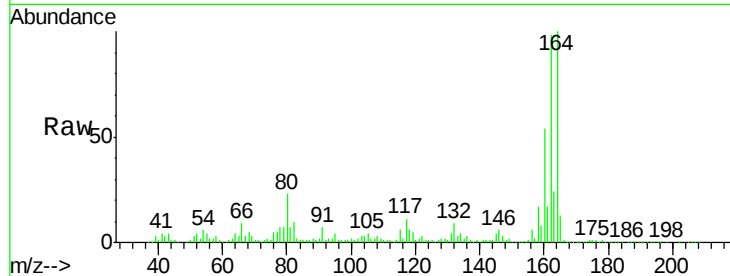




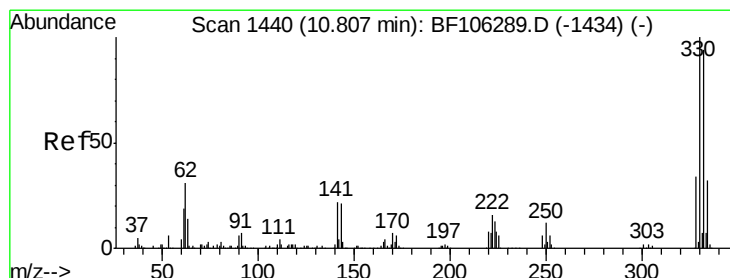
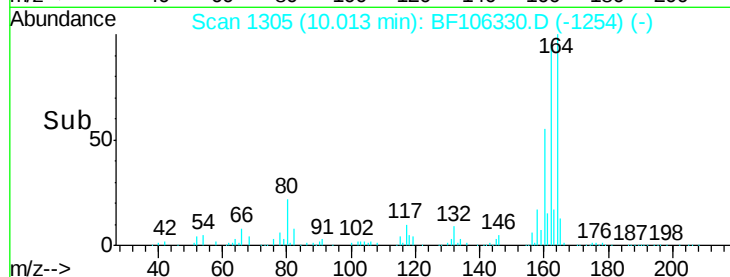
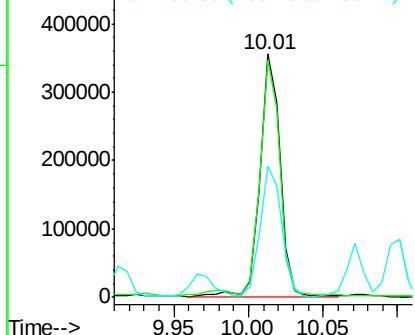
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF106330.D
Acq: 12 Jun 2018 8:08

Instrument :
BNA_F
ClientSampleId :
MW-5R

Tot Ion:164 Resp: 323105
Ion Ratio Lower Upper
164 100
162 97.6 86.1 129.1
160 54.0 38.3 57.5

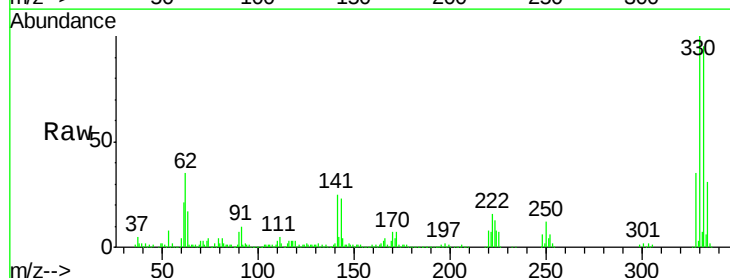


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

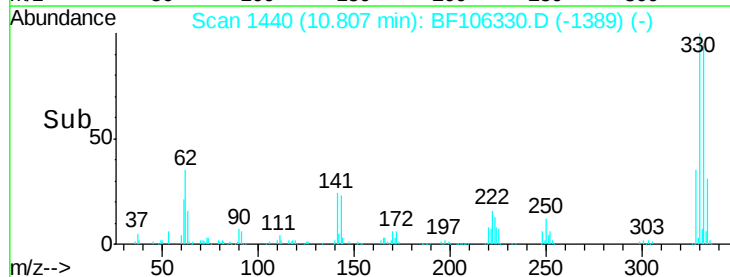
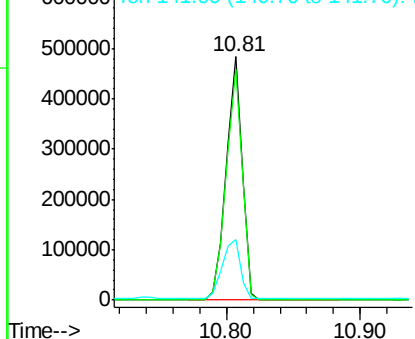


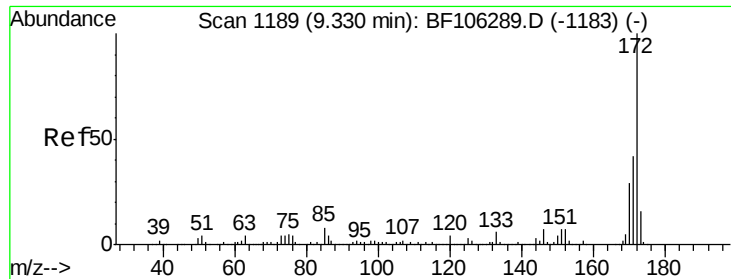
#41
2,4,6-Tribromophenol
Concen: 133.225 ng
RT: 10.81 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF106330.D
Acq: 12 Jun 2018 8:08

Tgt Ion:330 Resp: 414174
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.6
141 28.1 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

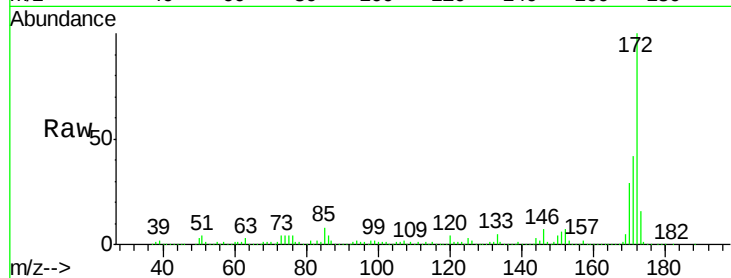




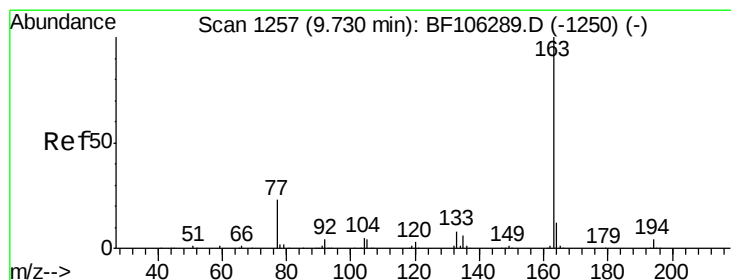
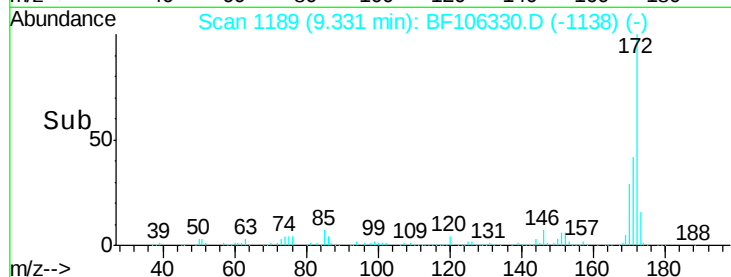
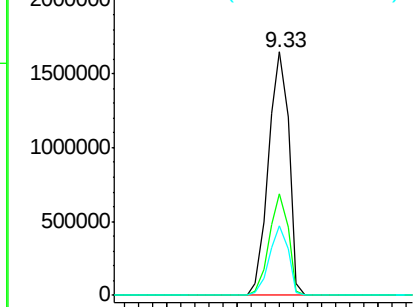
#44
2-Fluorobiphenyl
Concen: 96.159 ng
RT: 9.33 min Scan# 1189
Delta R.T. 0.00 min
Lab File: BF106330.D
Acq: 12 Jun 2018 8:08

Instrument :
BNA_F
ClientSampleId :
MW-5R

Tot Ion:172 Resp: 1679717
Ion Ratio Lower Upper
172 100
171 41.7 29.7 44.5
170 28.7 19.6 29.4

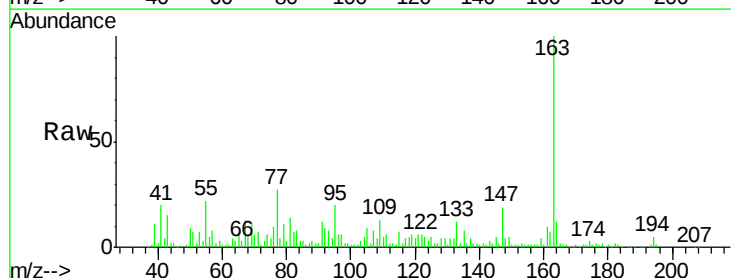


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

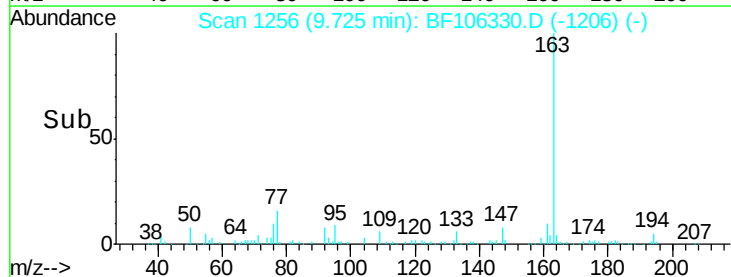
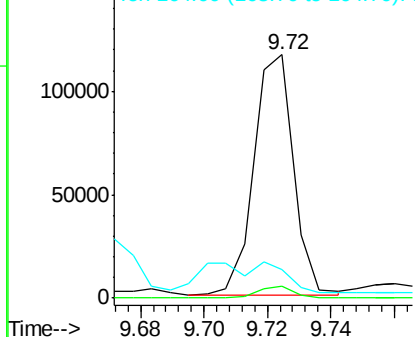


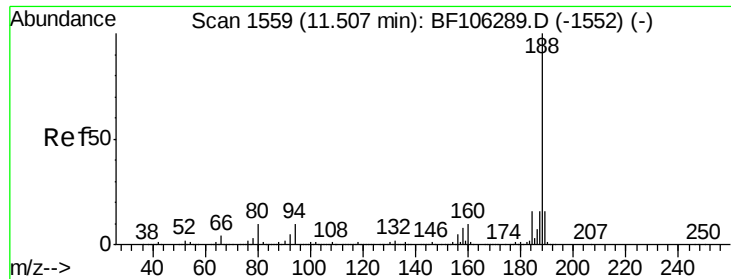
#49
Dimethylphthalate
Concen: 4.381 ng
RT: 9.72 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF106330.D
Acq: 12 Jun 2018 8:08

Tgt Ion:163 Resp: 101135
Ion Ratio Lower Upper
163 100
194 4.7 2.7 4.1#
164 11.7 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# 1558

Delta R.T. -0.01 min

Lab File: BF106330.D

Acq: 12 Jun 2018 8:08

Instrument :

BNA_F

ClientSampleId :

MW-5R

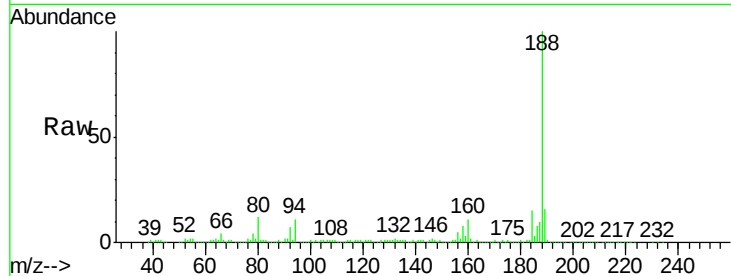
Tot Ion:188 Resp: 495438

Ion Ratio Lower Upper

188 100

94 11.3 8.5 12.7

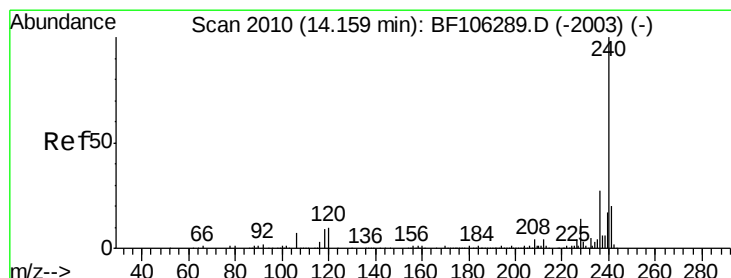
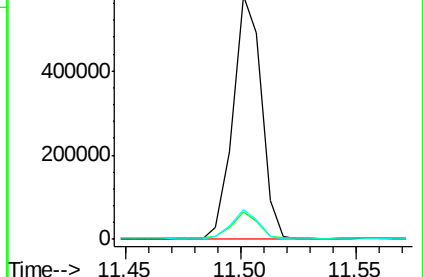
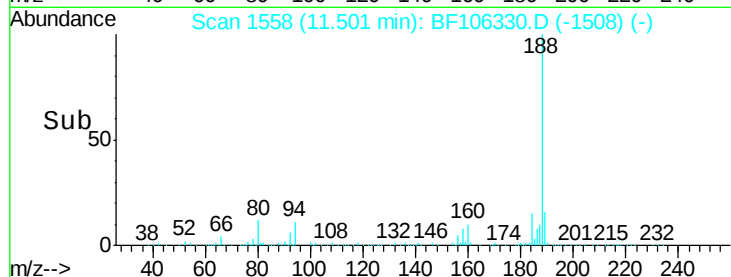
80 12.4 9.2 13.8



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: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF106330.D

Acq: 12 Jun 2018 8:08

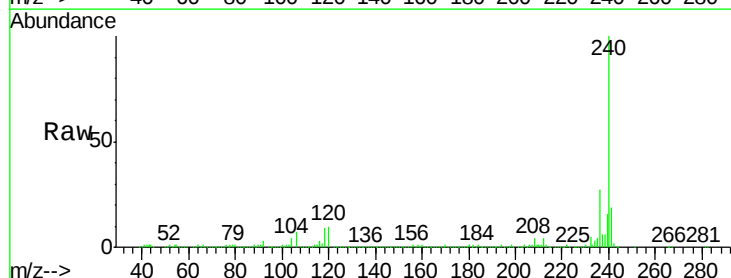
Tgt Ion:240 Resp: 539069

Ion Ratio Lower Upper

240 100

120 10.0 9.5 14.3

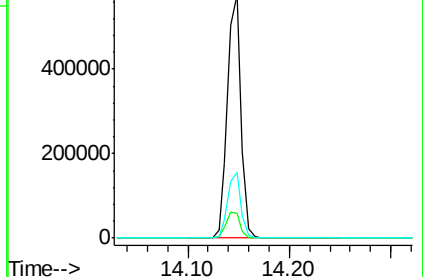
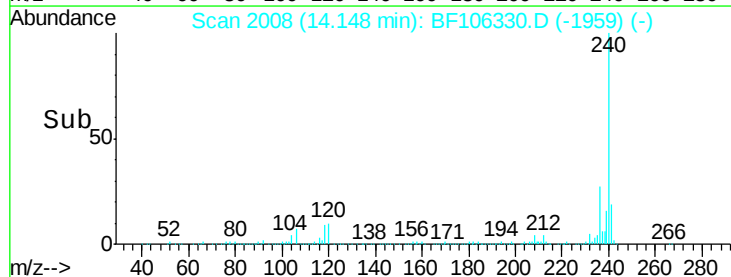
236 26.8 20.7 31.1

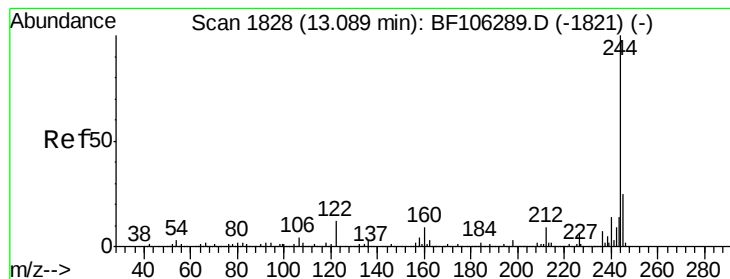


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 75.555 ng

RT: 13.09 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BF106330.D

Acq: 12 Jun 2018 8:08

Instrument :

BNA_F

ClientSampleId :

MW-5R

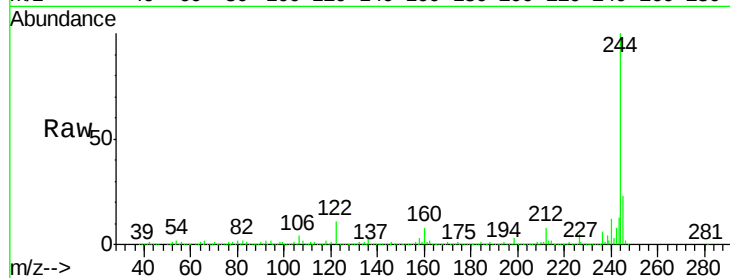
Tot Ion:244 Resp: 1639822

Ion Ratio Lower Upper

244 100

212 8.0 5.4 8.0

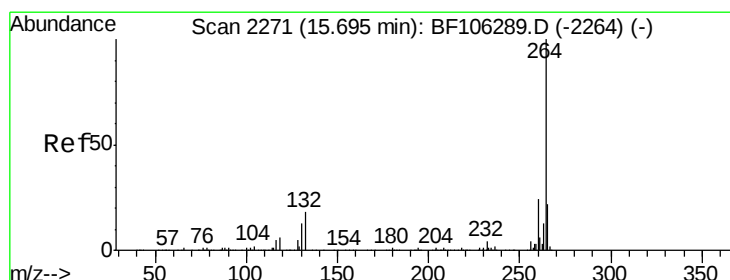
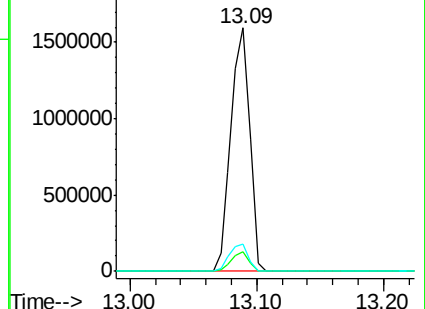
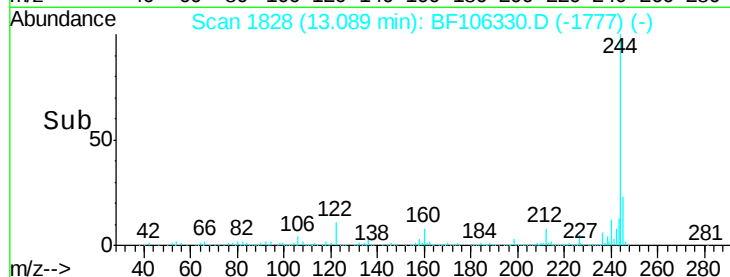
122 11.0 11.0 16.4



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: 15.68 min Scan# 2268

Delta R.T. -0.02 min

Lab File: BF106330.D

Acq: 12 Jun 2018 8:08

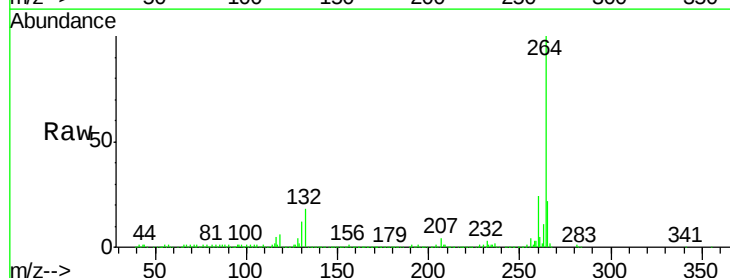
Tgt Ion:264 Resp: 413856

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

265 21.9 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

