

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
 Data File : BF106377.D
 Acq On : 13 Jun 2018 7:05
 Operator : JU/SJ
 Sample : J3164-20
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-DP-30-6.5--7.0-052418

Quant Time: Jun 13 08:10:40 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

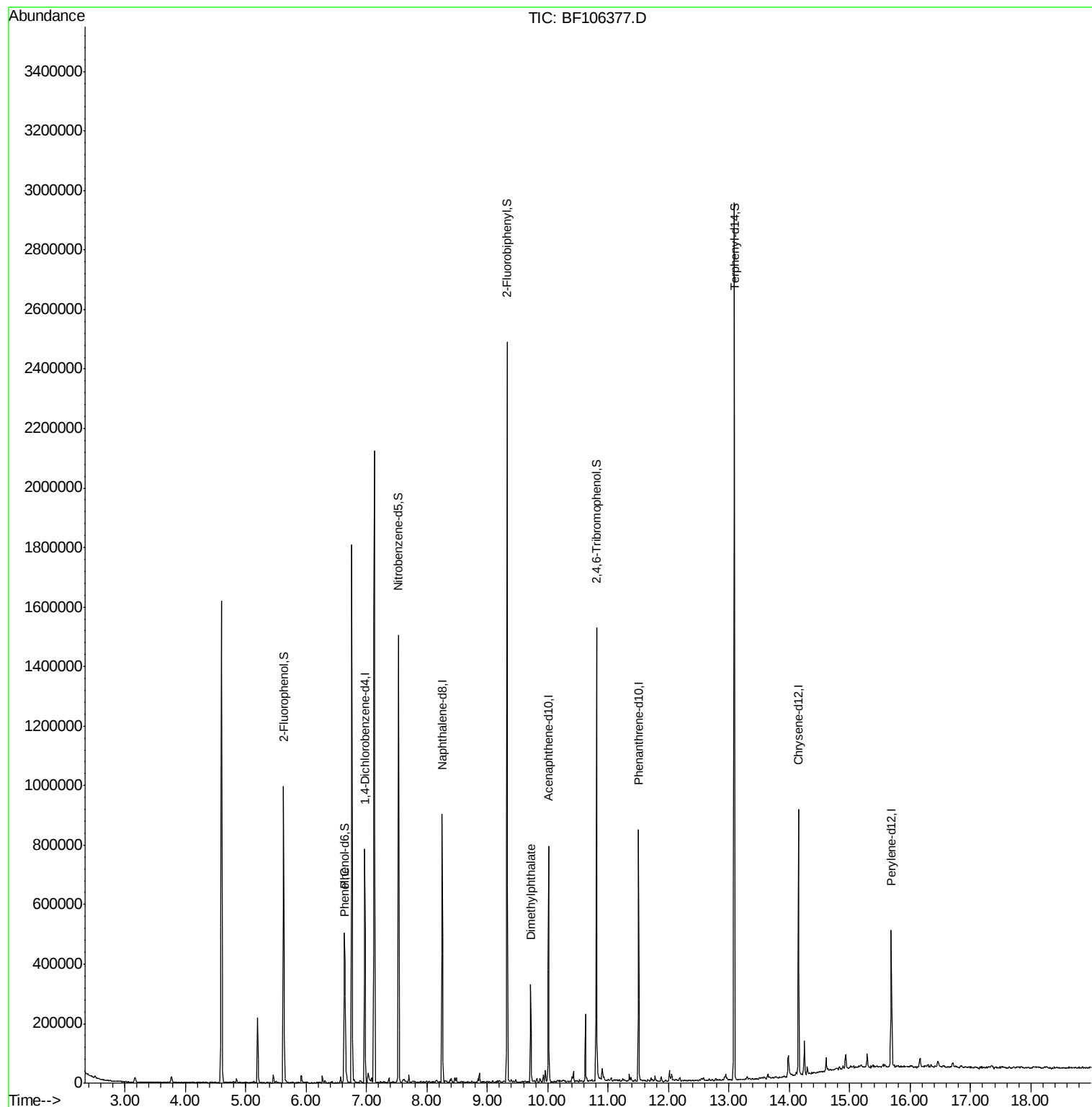
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	102174	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	336708	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	139866	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	301120	20.00	ng	0.00
75) Chrysene-d12	14.15	240	307048	20.00	ng	0.00
86) Perylene-d12	15.69	264	204830	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	309581	51.28	ng	0.04
7) Phenol-d6	6.64	99	213526	28.00	ng	0.05
23) Nitrobenzene-d5	7.53	82	474643	82.93	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	178036	132.29	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	782668	107.93	ng	0.00
78) Terphenyl-d14	13.09	244	961551	77.78	ng	0.00
Target Compounds						
10) Phenol	6.65	94	17146	2.059	ng	Qvalue # 55
49) Dimethylphthalate	9.72	163	110740	11.082	ng	99

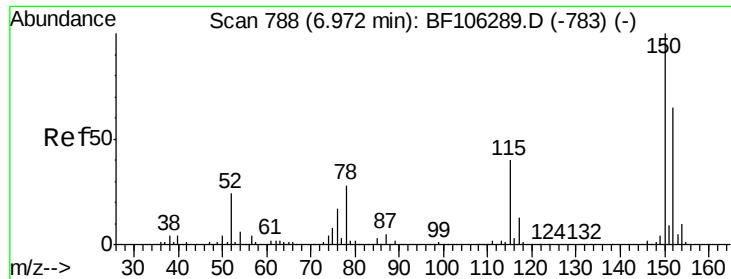
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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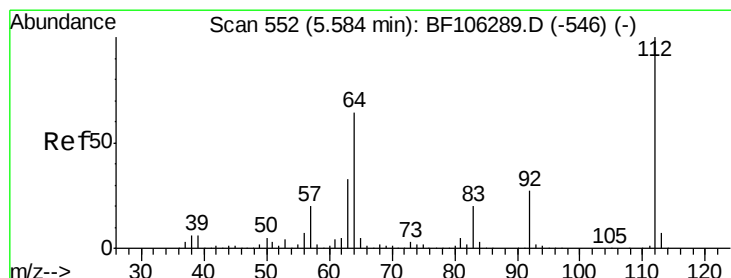
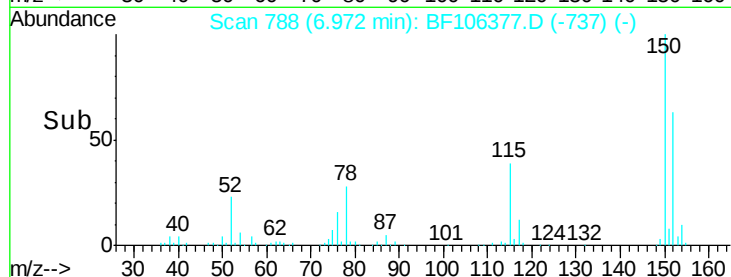
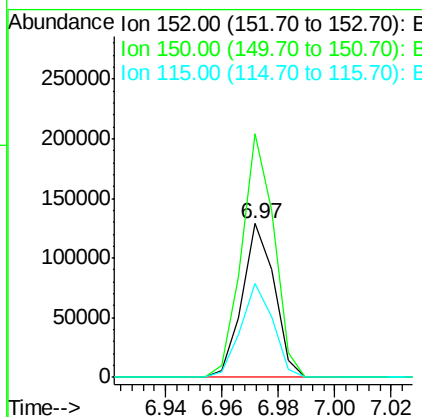
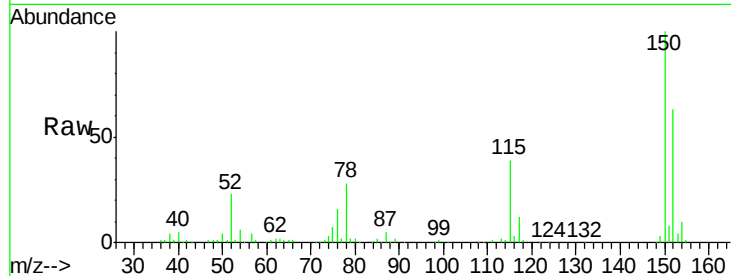




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF106377.D
 Acq: 13 Jun 2018 7:05

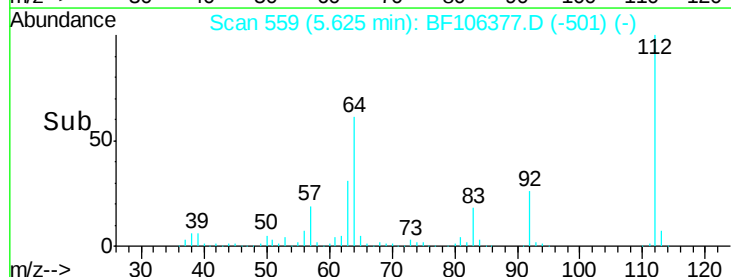
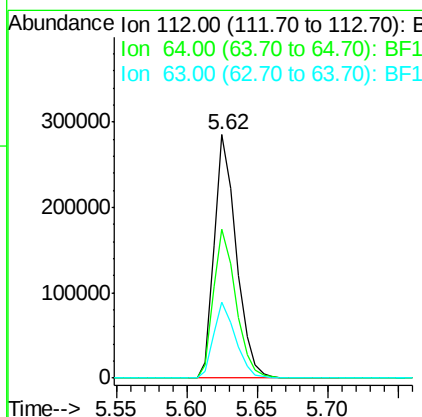
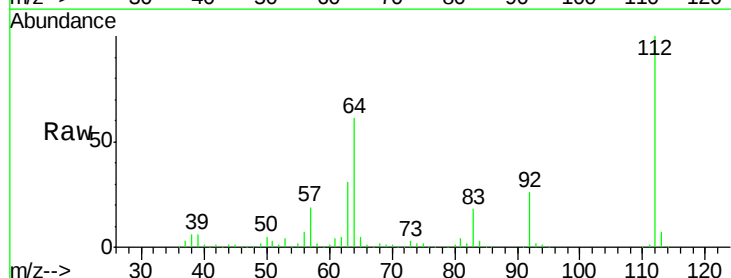
Instrument :
 BNA_F
 ClientSampleId :
 TP-DP-30-6.5--7.0-052418

Tot Ion:152 Resp: 102174
 Ion Ratio Lower Upper
 152 100
 150 158.2 124.6 186.8
 115 61.2 50.1 75.1



#5
 2-Fluorophenol
 Concen: 51.282 ng
 RT: 5.62 min Scan# 559
 Delta R.T. 0.04 min
 Lab File: BF106377.D
 Acq: 13 Jun 2018 7:05

Tgt Ion:112 Resp: 309581
 Ion Ratio Lower Upper
 112 100
 64 61.1 47.9 71.9
 63 31.3 23.7 35.5





#7

Phenol-d6

Concen: 27.996 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.05 min

Lab File: BF106377.D

Acq: 13 Jun 2018 7:05

Instrument :

BNA_F

ClientSampleId :

TP-DP-30-6.5--7.0-052418

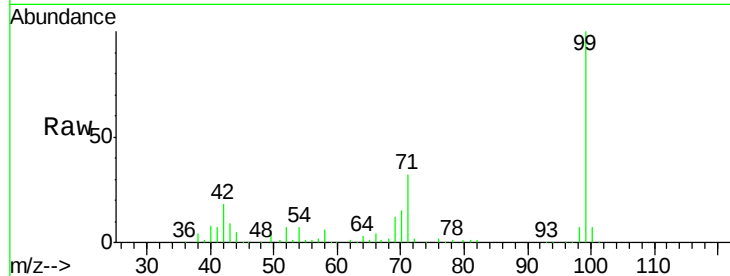
Tot Ion: 99 Resp: 213526

Ion Ratio Lower Upper

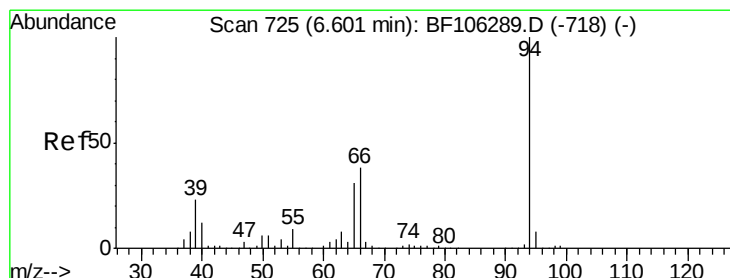
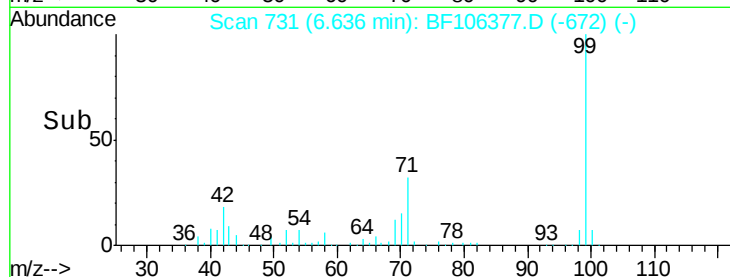
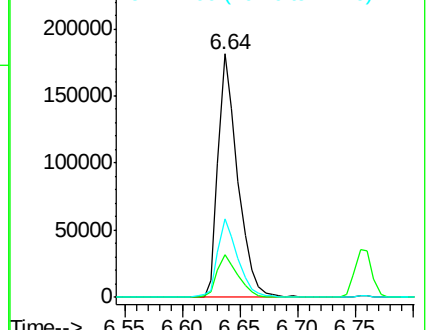
99 100

42 17.8 14.5 21.7

71 32.5 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: 2.059 ng

RT: 6.65 min Scan# 733

Delta R.T. 0.05 min

Lab File: BF106377.D

Acq: 13 Jun 2018 7:05

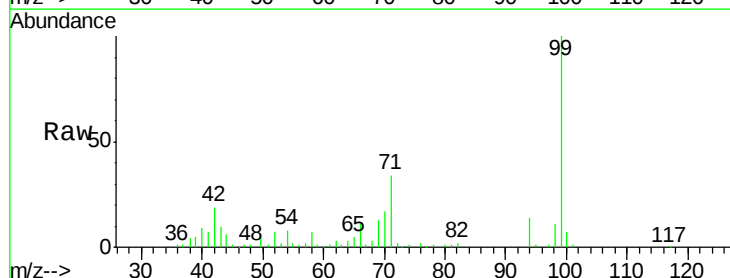
Tgt Ion: 94 Resp: 17146

Ion Ratio Lower Upper

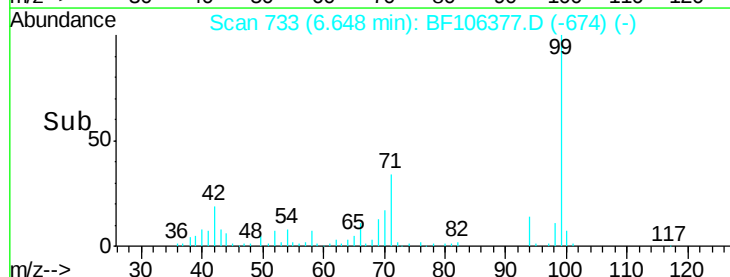
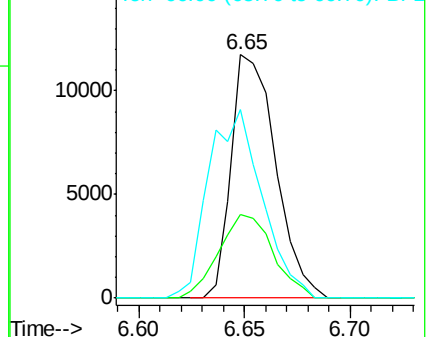
94 100

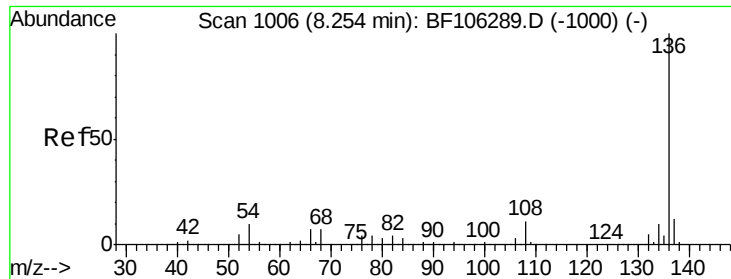
65 34.5 7.9 47.9

66 77.6 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

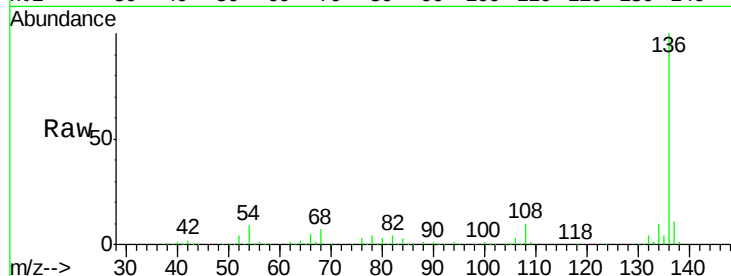




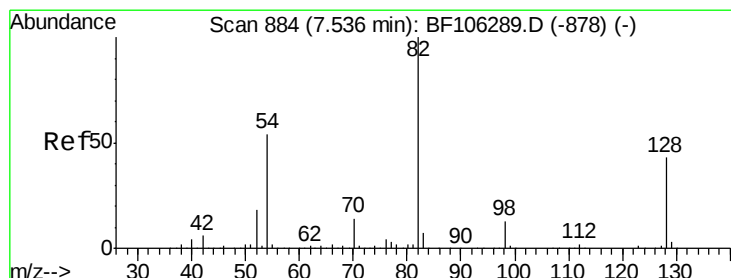
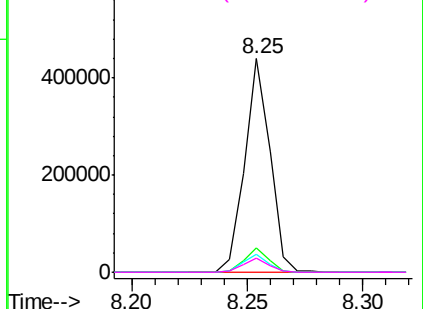
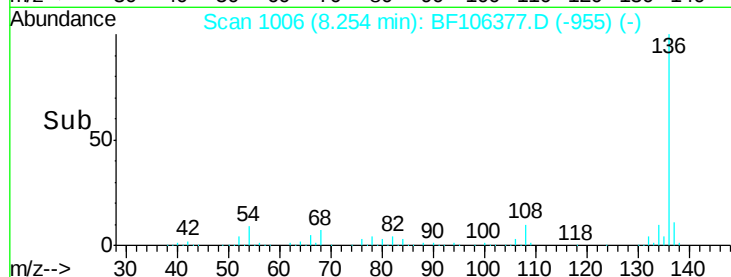
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BF106377.D
Acq: 13 Jun 2018 7:05

Instrument :
BNA_F
ClientSampleId :
TP-DP-30-6.5--7.0-052418

Tot Ion:136	Resp:	336708
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.9 13.3
54	8.6	6.6 9.8
68	6.6	5.0 7.4

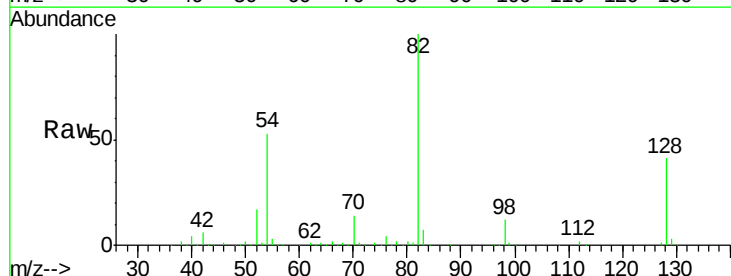


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

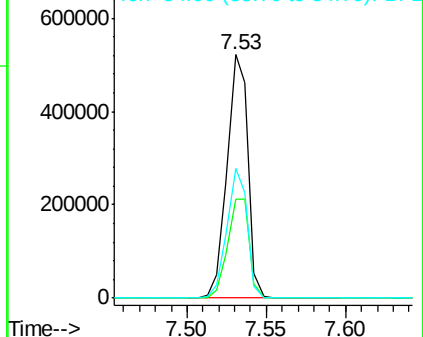
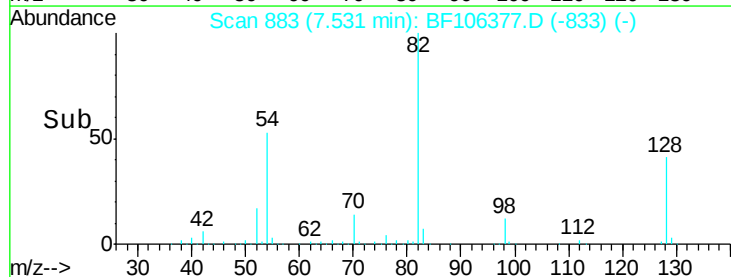


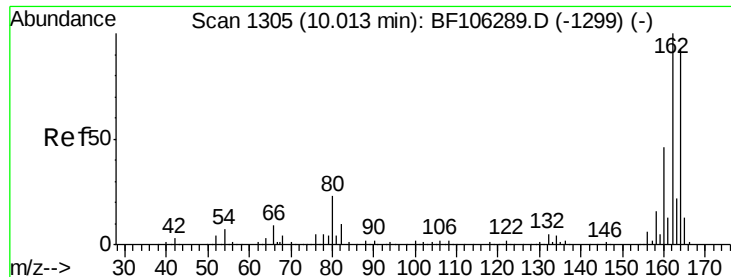
#23
Nitrobenzene-d5
Concen: 82.928 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF106377.D
Acq: 13 Jun 2018 7:05

Tgt Ion: 82	Resp:	474643
Ion Ratio	Lower	Upper
82	100	
128	40.8	36.1 54.1
54	53.1	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: 10.01 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF106377.D

Acq: 13 Jun 2018 7:05

Instrument :

BNA_F

ClientSampleId :

TP-DP-30-6.5--7.0-052418

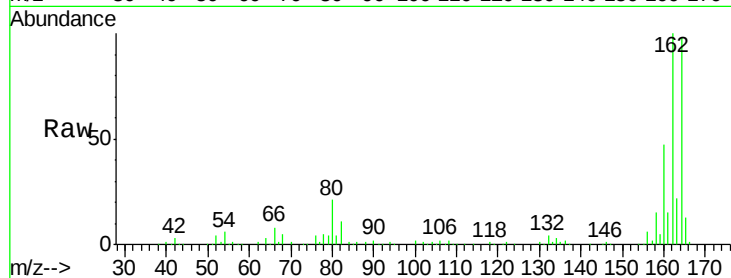
Tot Ion:164 Resp: 139866

Ion Ratio Lower Upper

164 100

162 102.5 86.1 129.1

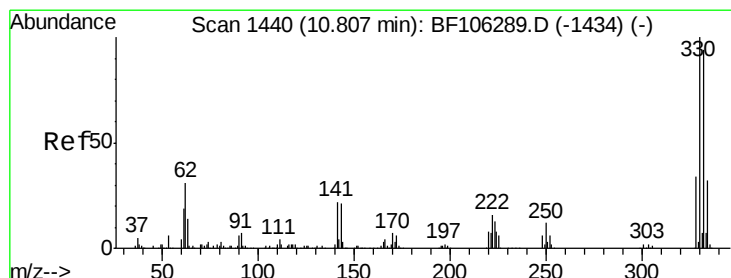
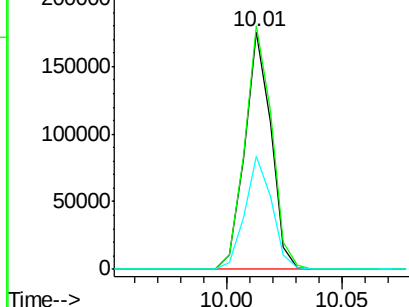
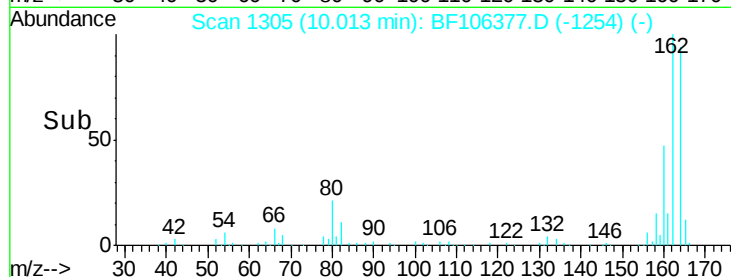
160 47.7 38.3 57.5



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: 132.295 ng

RT: 10.81 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF106377.D

Acq: 13 Jun 2018 7:05

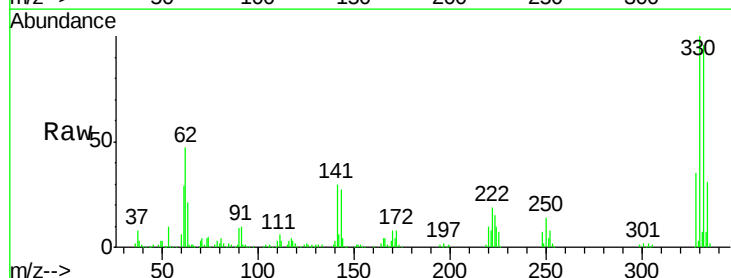
Tgt Ion:330 Resp: 178036

Ion Ratio Lower Upper

330 100

332 95.3 77.0 115.6

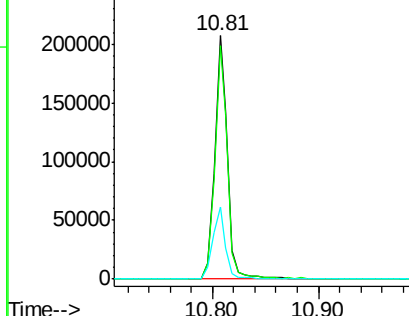
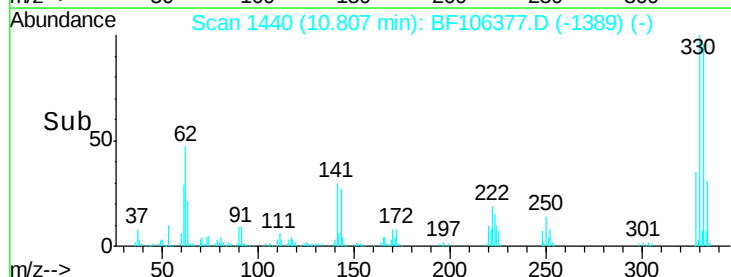
141 29.9 29.9 44.9#

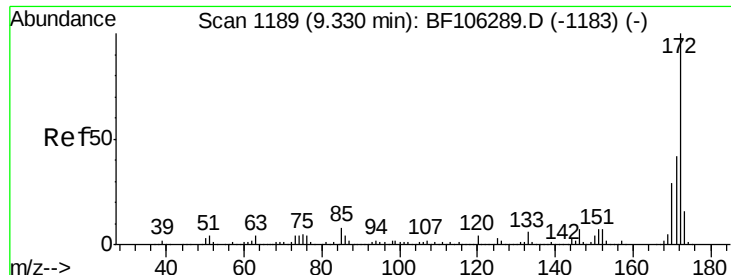


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

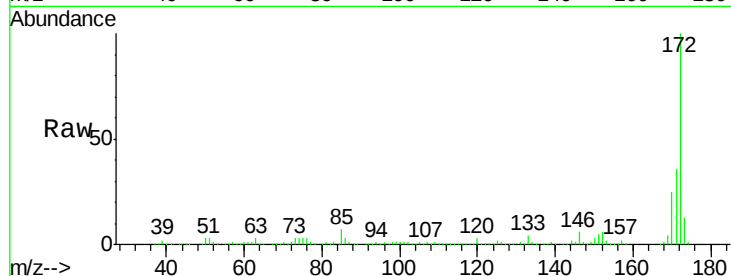




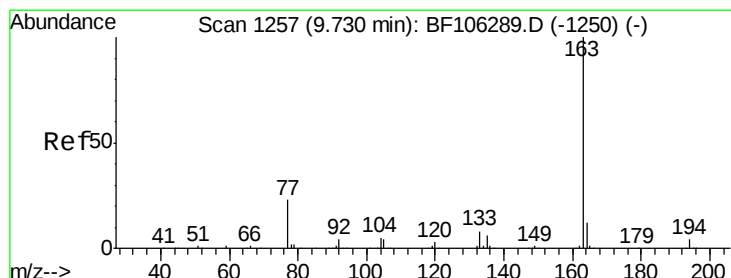
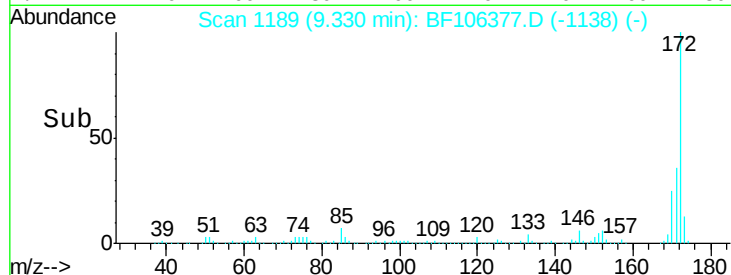
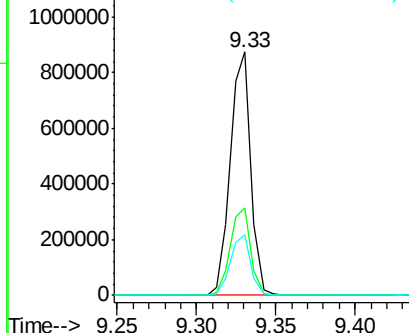
#44
2-Fluorobiphenyl
Concen: 107.927 ng
RT: 9.33 min Scan# 1189
Delta R.T. 0.00 min
Lab File: BF106377.D
Acq: 13 Jun 2018 7:05

Instrument :
BNA_F
ClientSampleId :
TP-DP-30-6.5--7.0-052418

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	25.0	19.6	29.4

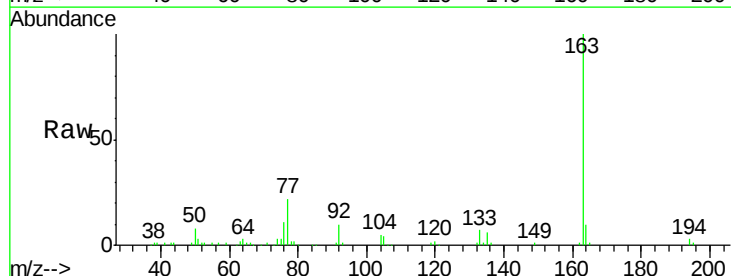


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

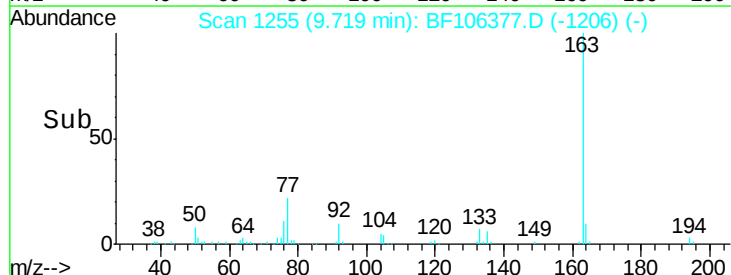
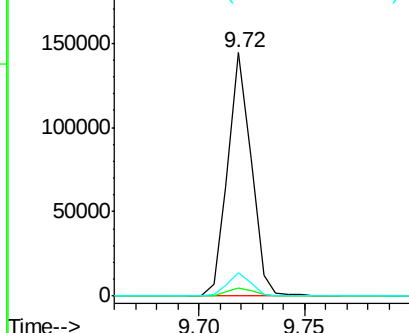


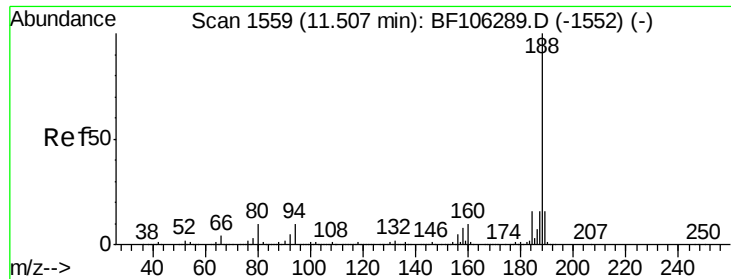
#49
Dimethylphthalate
Concen: 11.082 ng
RT: 9.72 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF106377.D
Acq: 13 Jun 2018 7:05

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	9.9	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: 11.51 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BF106377.D

Acq: 13 Jun 2018 7:05

Instrument :

BNA_F

ClientSampleId :

TP-DP-30-6.5--7.0-052418

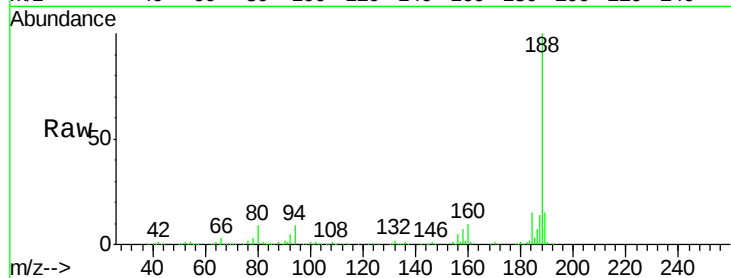
Tot Ion:188 Resp: 301120

Ion Ratio Lower Upper

188 100

94 8.8 8.5 12.7

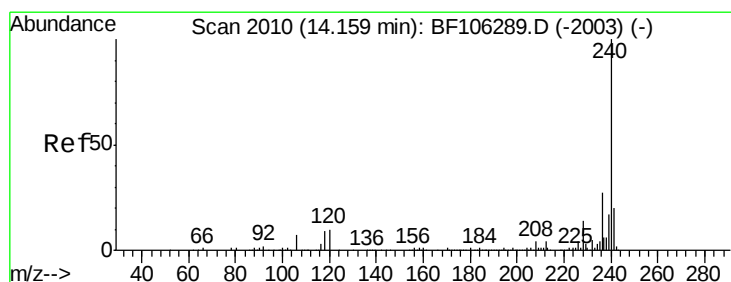
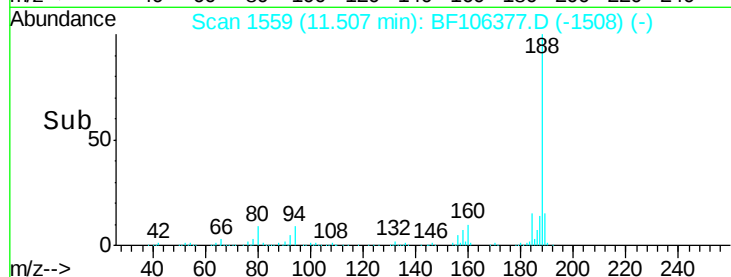
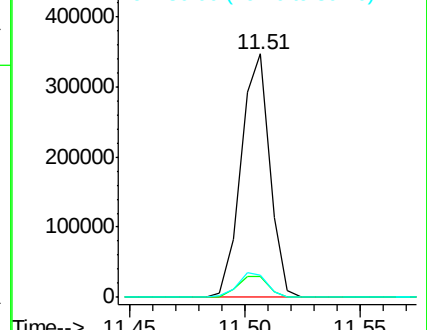
80 9.1 9.2 13.8#



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: 14.15 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF106377.D

Acq: 13 Jun 2018 7:05

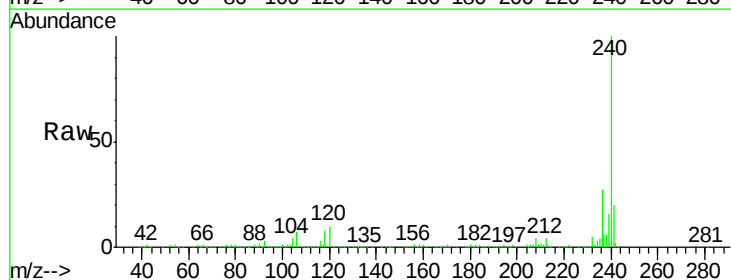
Tgt Ion:240 Resp: 307048

Ion Ratio Lower Upper

240 100

120 9.9 9.5 14.3

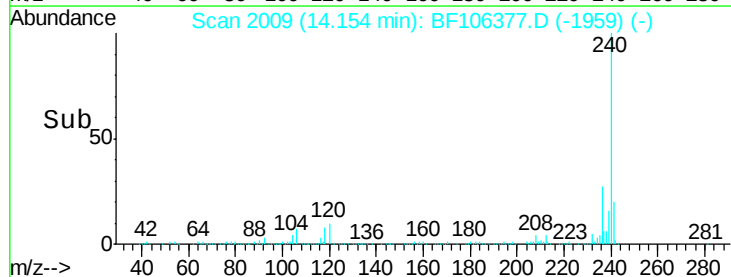
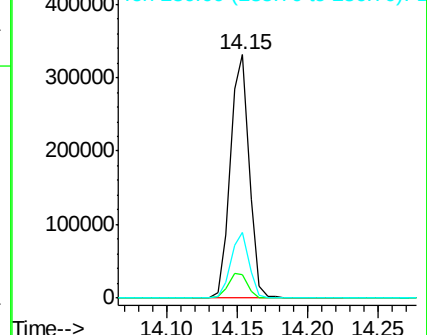
236 26.8 20.7 31.1

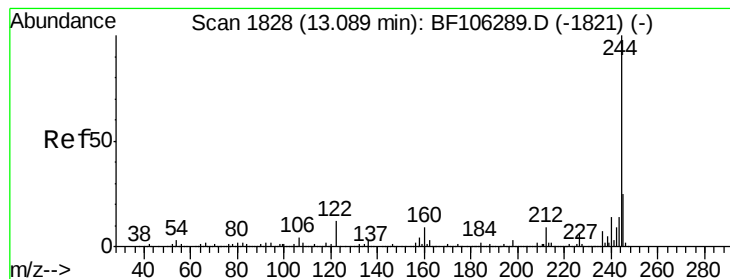


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 77.782 ng

RT: 13.09 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BF106377.D

Acq: 13 Jun 2018 7:05

Instrument :

BNA_F

ClientSampleId :

TP-DP-30-6.5--7.0-052418

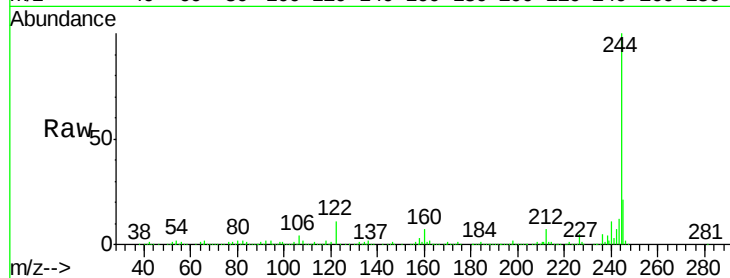
Tot Ion:244 Resp: 961551

Ion Ratio Lower Upper

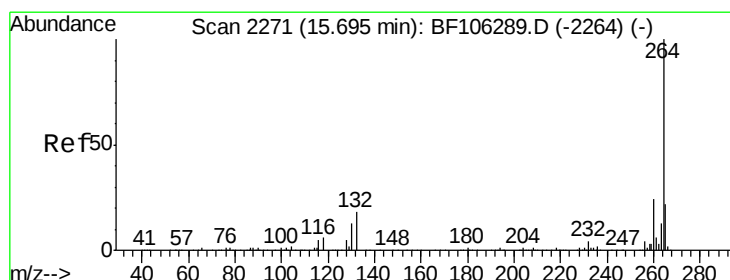
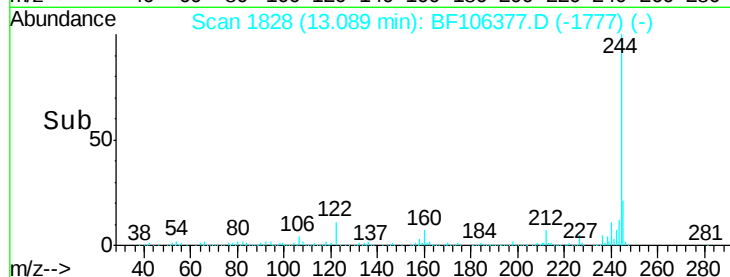
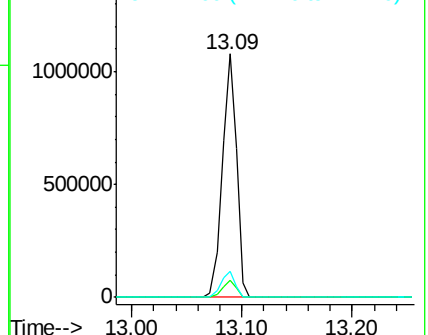
244 100

212 7.1 5.4 8.0

122 10.6 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: 15.69 min Scan# 2270

Delta R.T. -0.01 min

Lab File: BF106377.D

Acq: 13 Jun 2018 7:05

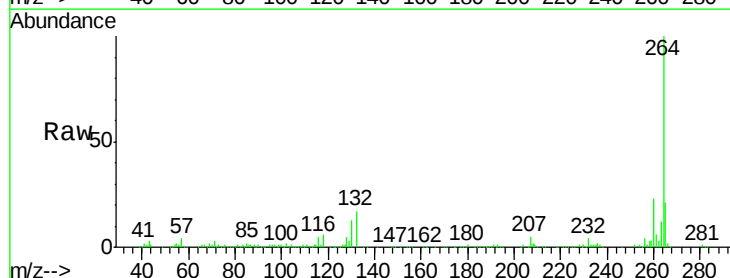
Tgt Ion:264 Resp: 204830

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 20.7 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

