

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012418\
 Data File : BF102393.D
 Acq On : 24 Jan 2018 16:57
 Operator : SJ/JU
 Sample : J1250-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AB-13(0-2)

Quant Time: Jan 25 00:36:47 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 23 00:43:41 2018
 Response via : Initial Calibration

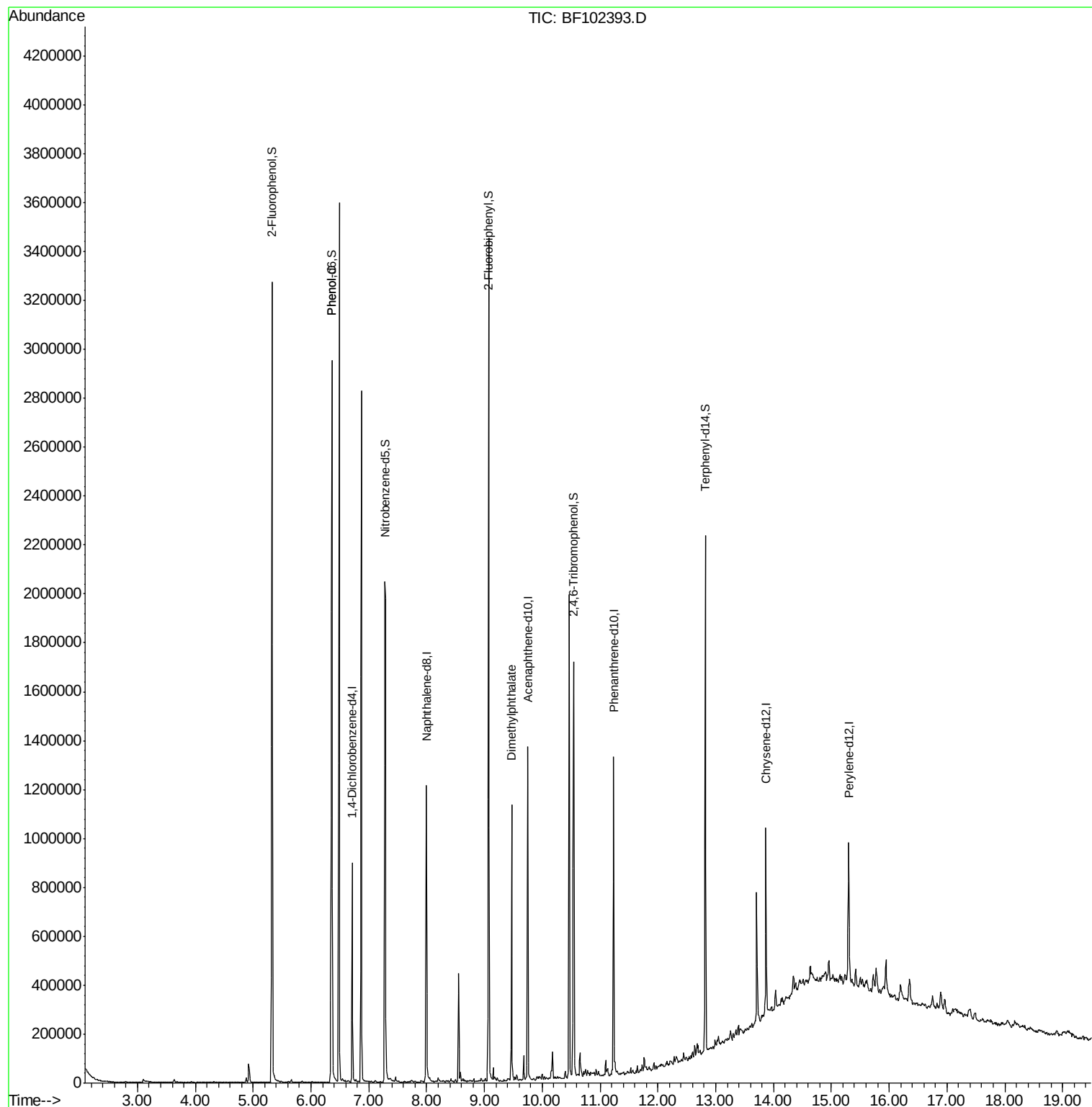
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	143615	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	597884	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	270863	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	436546	20.00	ng	0.00
75) Chrysene-d12	13.87	240	270613	20.00	ng	0.00
86) Perylene-d12	15.30	264	251176	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1017808	107.46	ng	0.00
7) Phenol-d6	6.36	99	1222582	107.07	ng	0.00
23) Nitrobenzene-d5	7.28	82	788220	75.76	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	209030	77.88	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1094133	59.39	ng	0.00
78) Terphenyl-d14	12.82	244	742995	61.90	ng	0.00
Target Compounds						
10) Phenol	6.37	94	63428	5.088	ng	91
49) Dimethylphthalate	9.47	163	403074	18.004	ng	99

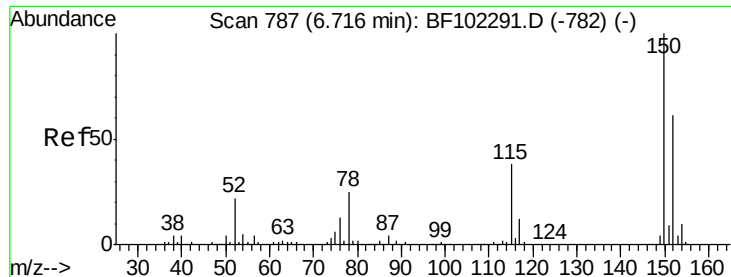
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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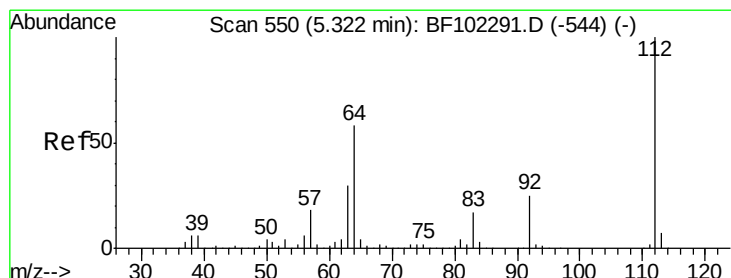
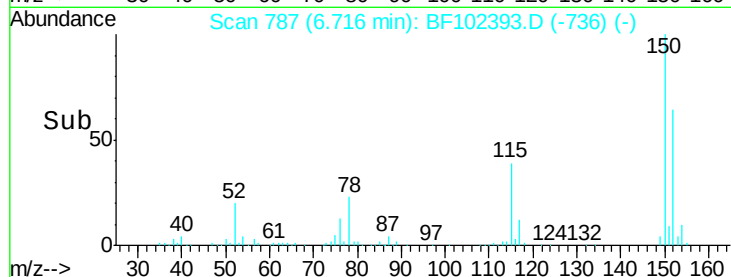
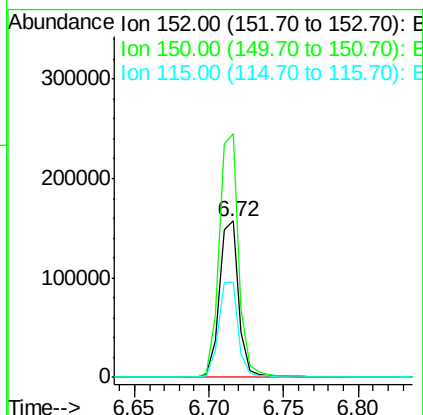
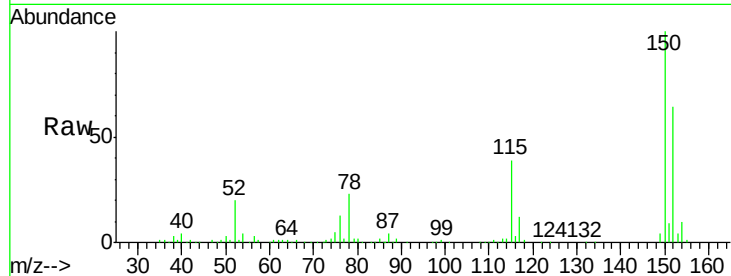


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102393.D
Acq: 24 Jan 2018 16:57

Instrument :
BNA_F
ClientSampleId :
AB-13(0-2)

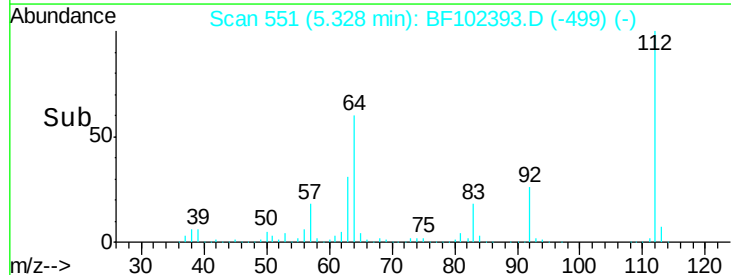
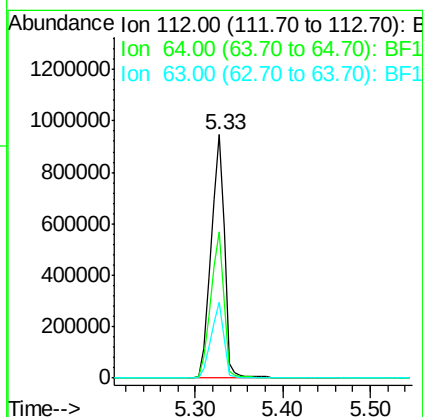
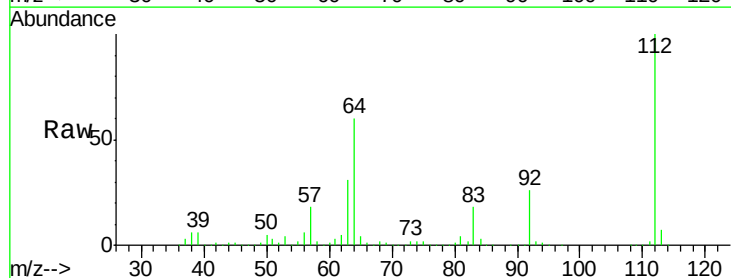
Tgt Ion:152 Resp: 143615
Ion Ratio Lower Upper
152 100
150 156.1 124.6 186.8
115 60.8 50.1 75.1

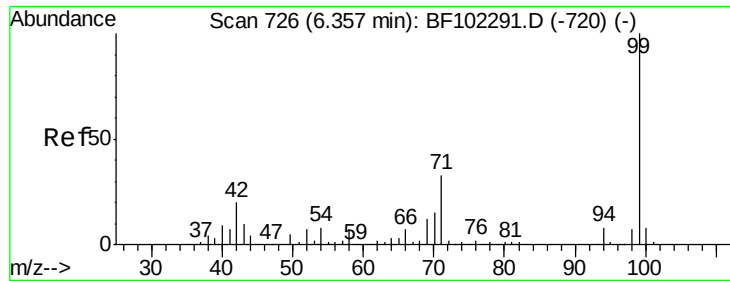


#5

2-Fluorophenol
Concen: 107.458 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102393.D
Acq: 24 Jan 2018 16:57

Tgt Ion:112 Resp: 1017808
Ion Ratio Lower Upper
112 100
64 60.0 47.9 71.9
63 31.0 23.7 35.5





#7

Phenol-d6

Concen: 107.066 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF102393.D

Acq: 24 Jan 2018 16:57

Instrument :

BNA_F

ClientSampleId :

AB-13(0-2)

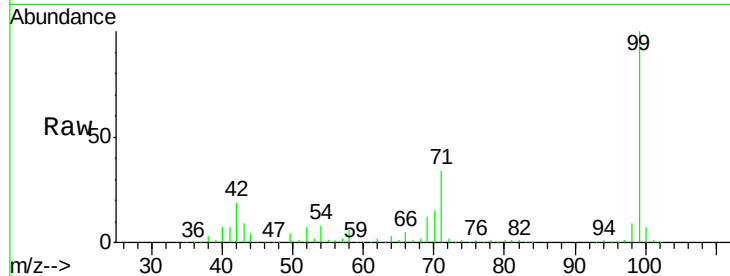
Tgt Ion: 99 Resp: 1222582

Ion Ratio Lower Upper

99 100

42 18.5 14.5 21.7

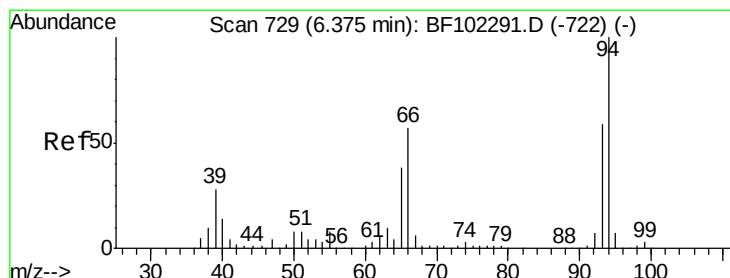
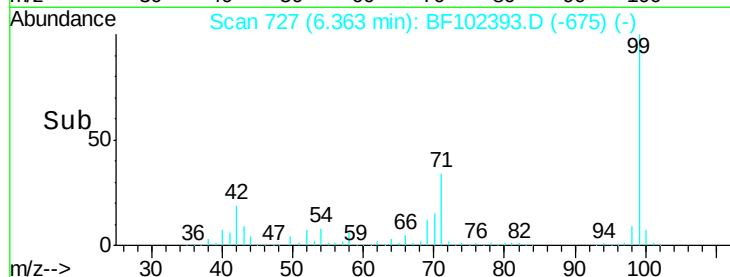
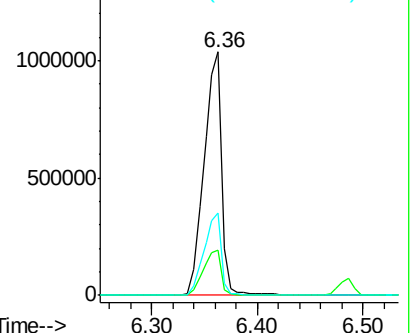
71 33.7 25.4 38.0



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: 5.088 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102393.D

Acq: 24 Jan 2018 16:57

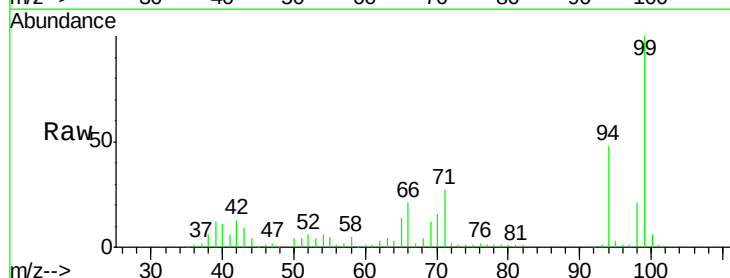
Tgt Ion: 94 Resp: 63428

Ion Ratio Lower Upper

94 100

65 29.2 7.9 47.9

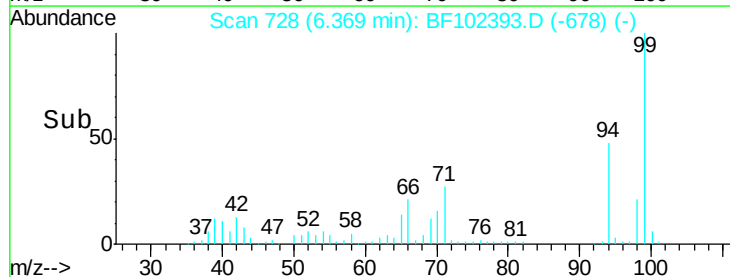
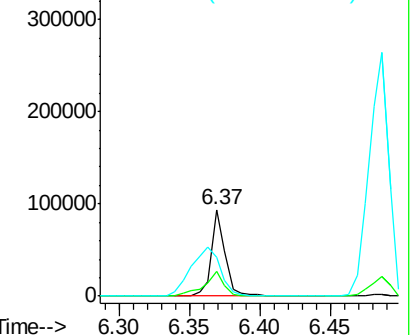
66 44.6 16.2 56.2

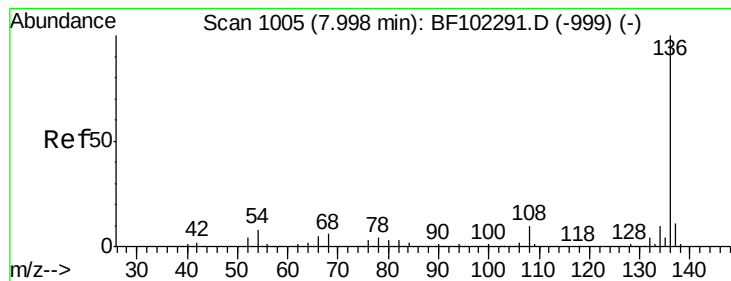


Abundance Ion 94.00 (93.70 to 94.70): BF1

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: 8.00 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF102393.D

Acq: 24 Jan 2018 16:57

Instrument :

BNA_F

ClientSampleId :

AB-13(0-2)

Tgt Ion: 136 Resp: 597884

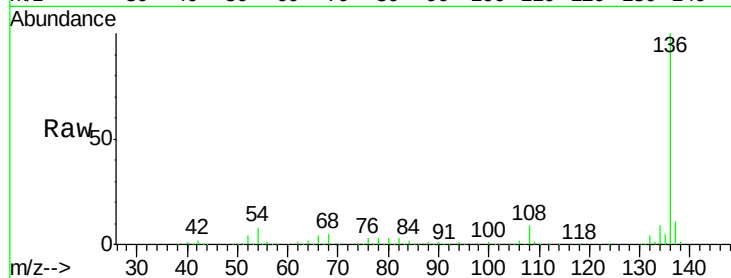
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 7.5 6.6 9.8

68 5.3 5.0 7.4

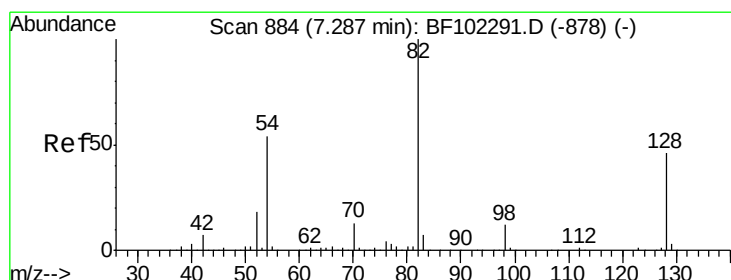
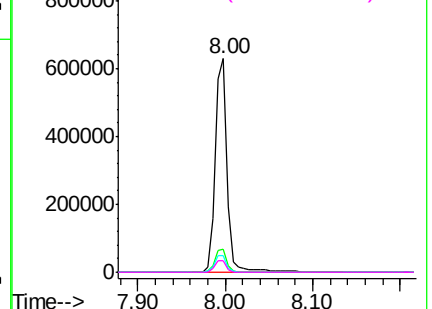
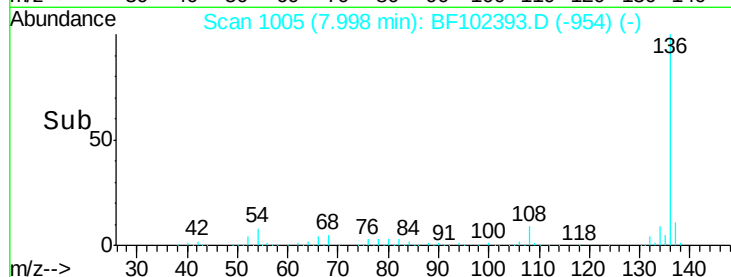


Abundance Ion 136.00 (135.70 to 136.70): E

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: 75.761 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF102393.D

Acq: 24 Jan 2018 16:57

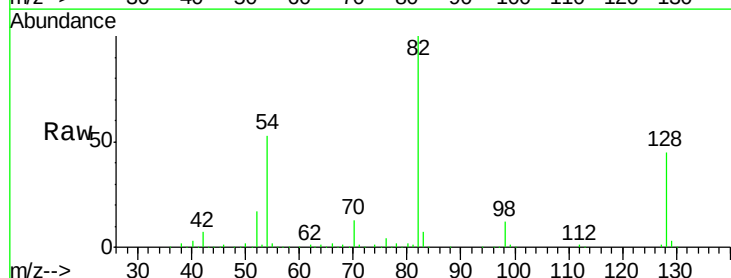
Tgt Ion: 82 Resp: 788220

Ion Ratio Lower Upper

82 100

128 44.6 36.1 54.1

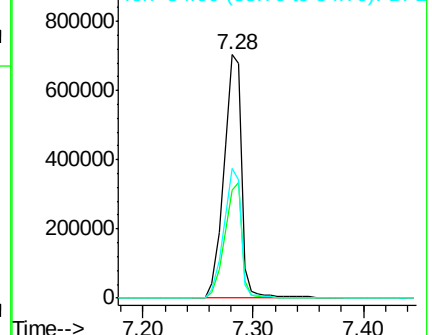
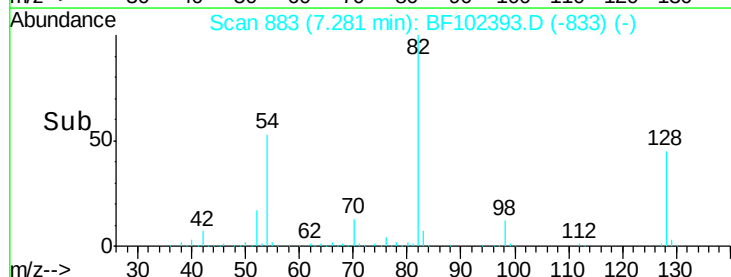
54 53.2 41.4 62.2

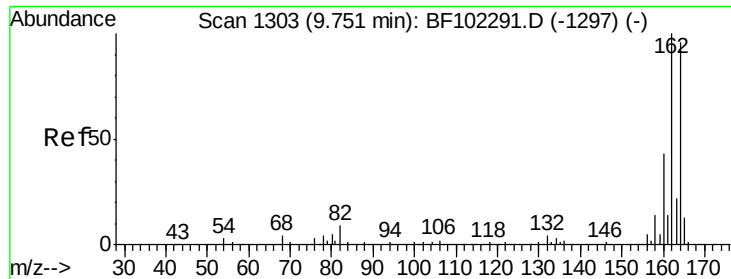


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 9.75 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BF102393.D

Acq: 24 Jan 2018 16:57

Instrument :

BNA_F

ClientSampleId :

AB-13(0-2)

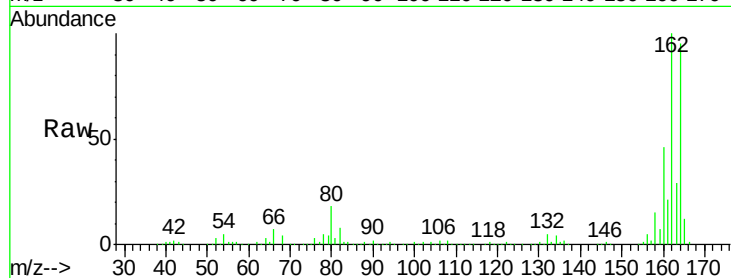
Tgt Ion:164 Resp: 270863

Ion Ratio Lower Upper

164 100

162 105.1 86.1 129.1

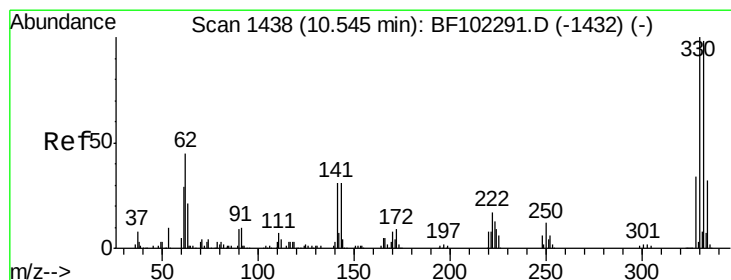
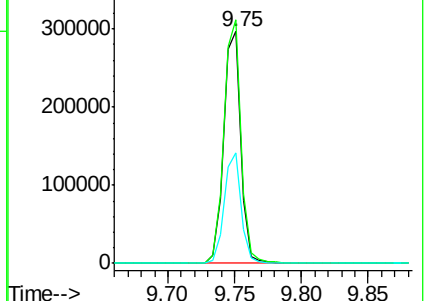
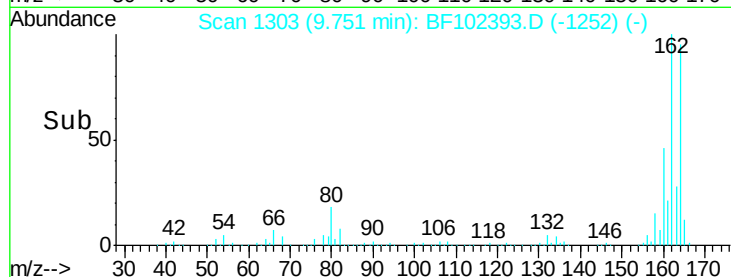
160 47.9 38.3 57.5



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: 77.884 ng

RT: 10.54 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BF102393.D

Acq: 24 Jan 2018 16:57

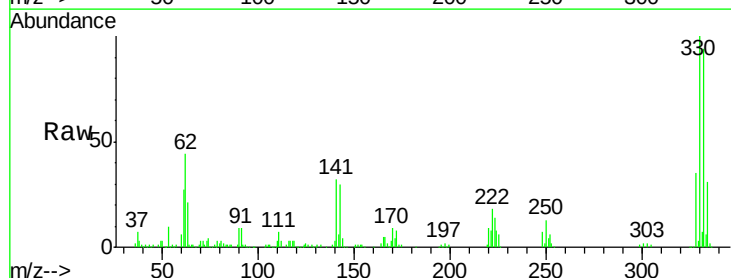
Tgt Ion:330 Resp: 209030

Ion Ratio Lower Upper

330 100

332 95.9 77.0 115.6

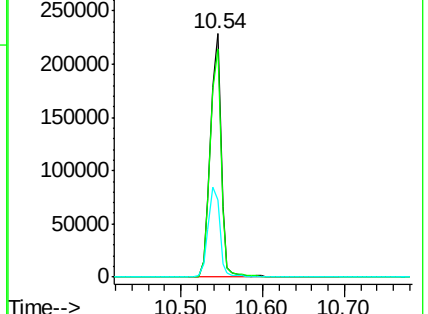
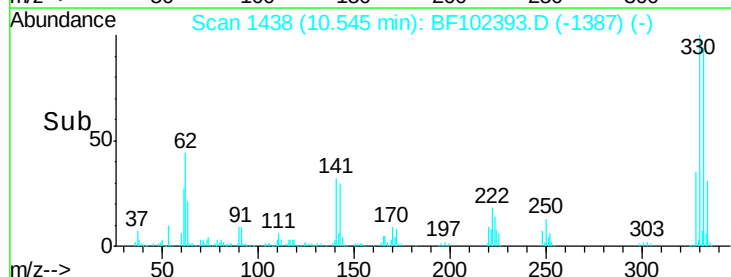
141 40.4 29.9 44.9

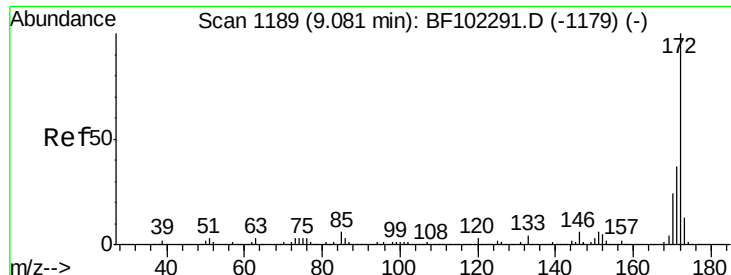


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

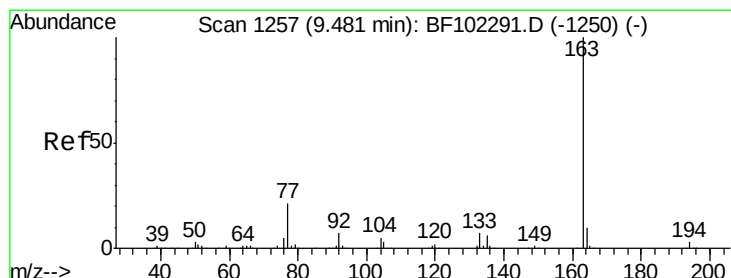
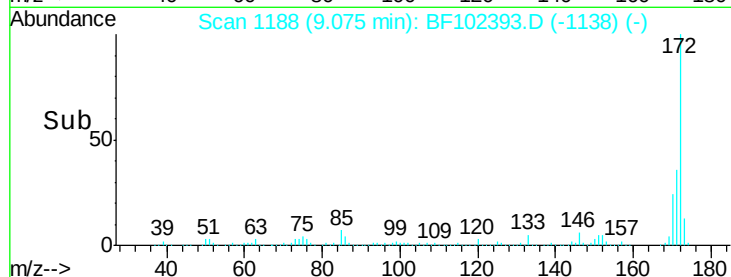
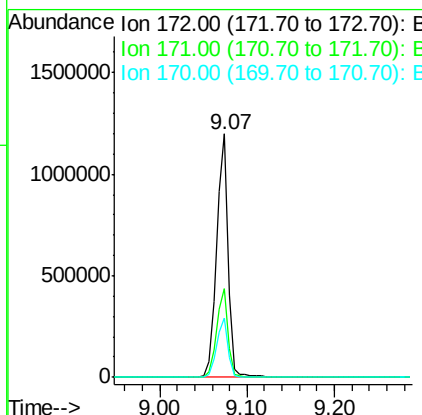
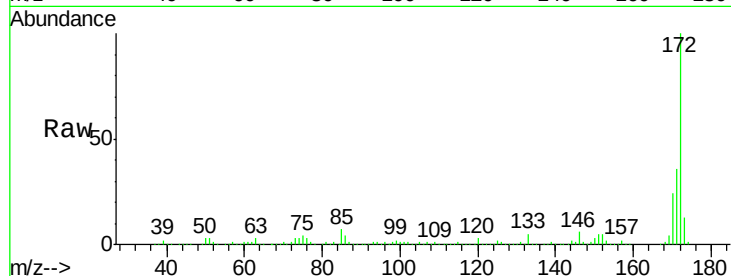




#44
 2-Fluorobiphenyl
 Concen: 59.394 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF102393.D
 Acq: 24 Jan 2018 16:57

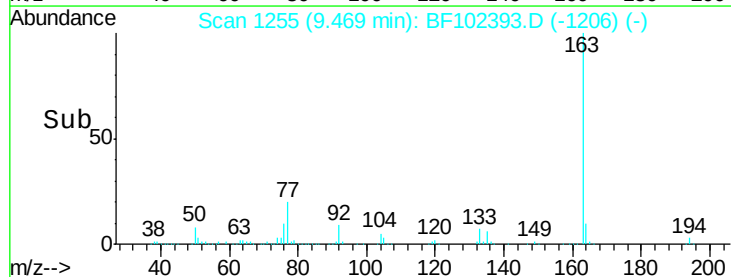
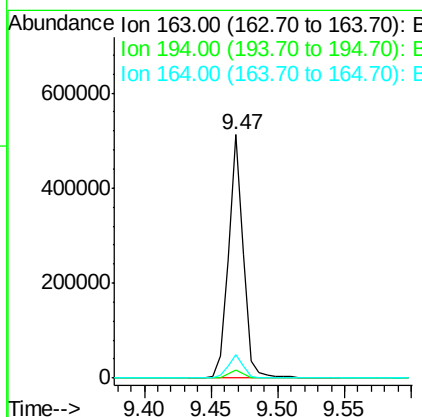
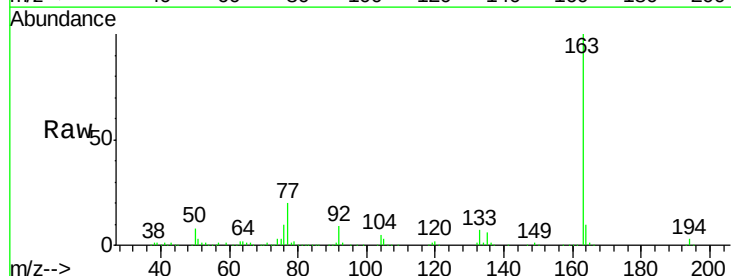
Instrument :
 BNA_F
 ClientSampleId :
 AB-13(0-2)

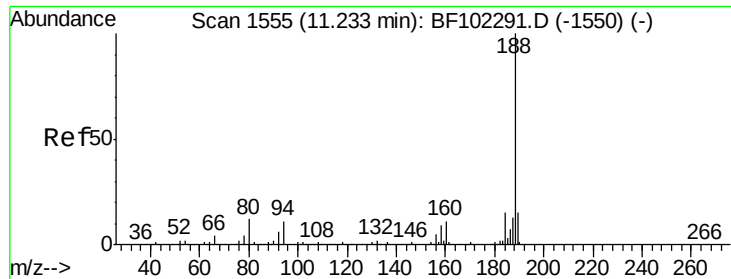
Tgt Ion:172 Resp: 1094133
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 24.1 19.6 29.4



#49
 Dimethylphthalate
 Concen: 18.004 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BF102393.D
 Acq: 24 Jan 2018 16:57

Tgt Ion:163 Resp: 403074
 Ion Ratio Lower Upper
 163 100
 194 3.4 2.7 4.1
 164 9.6 8.2 12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.23 min Scan# 1555

Delta R.T. -0.00 min

Lab File: BF102393.D

Acq: 24 Jan 2018 16:57

Instrument :

BNA_F

ClientSampleId :

AB-13(0-2)

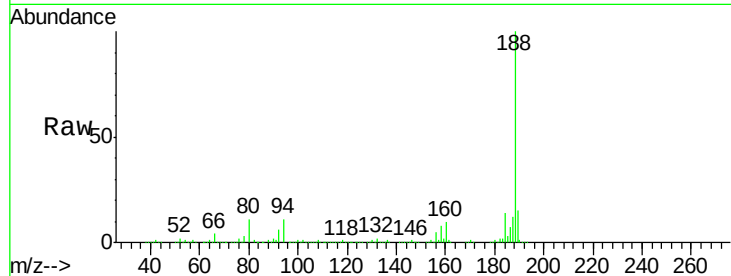
Tgt Ion:188 Resp: 436546

Ion Ratio Lower Upper

188 100

94 10.7 8.5 12.7

80 11.1 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

600000

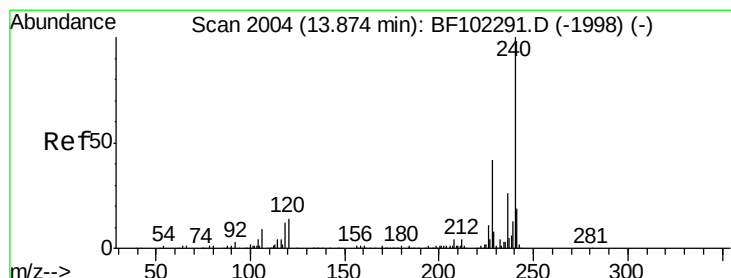
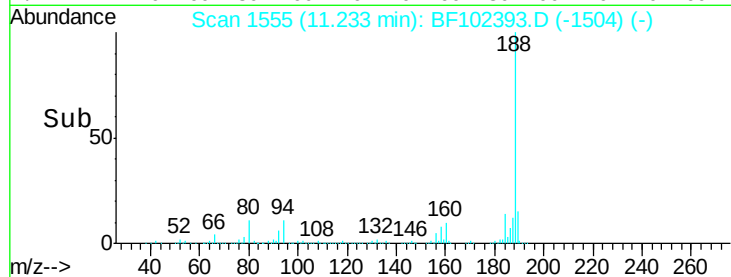
400000

200000

0

11.23

Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF102393.D

Acq: 24 Jan 2018 16:57

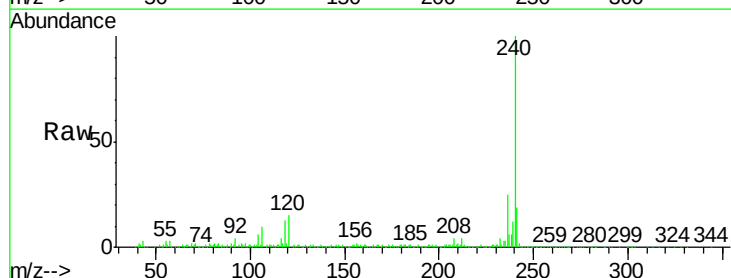
Tgt Ion:240 Resp: 270613

Ion Ratio Lower Upper

240 100

120 15.0 9.5 14.3#

236 25.3 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

300000

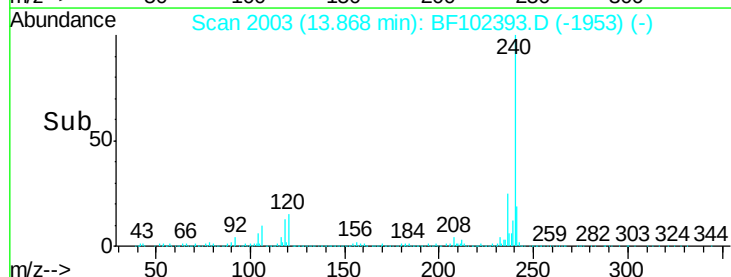
200000

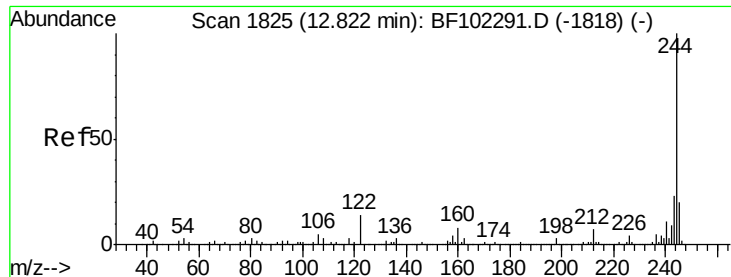
100000

0

13.87

Time-->





#78

Terphenyl-d14

Concen: 61.896 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF102393.D

Acq: 24 Jan 2018 16:57

Instrument :

BNA_F

ClientSampleId :

AB-13(0-2)

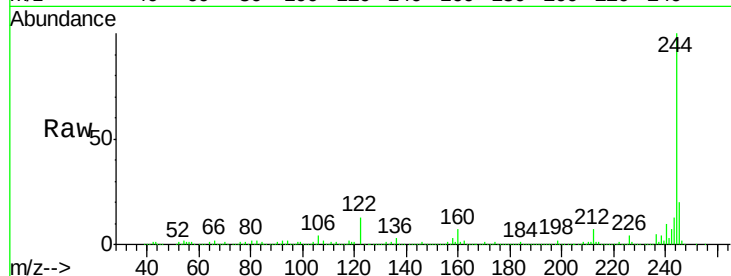
Tgt Ion:244 Resp: 742995

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

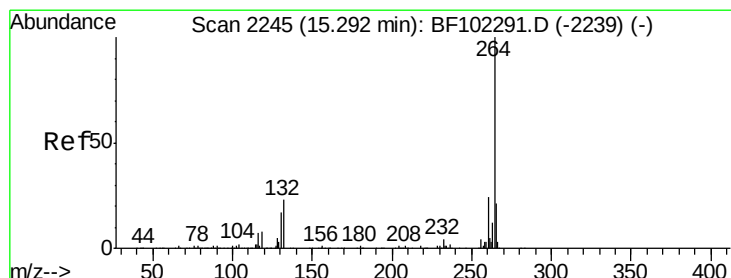
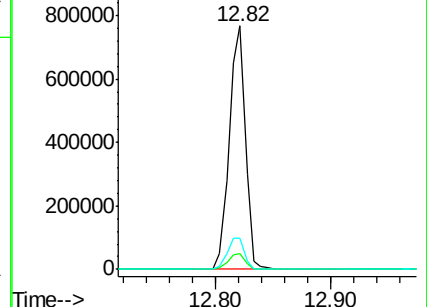
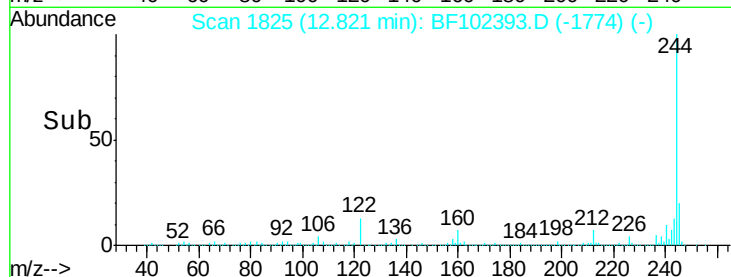
122 12.7 11.0 16.4



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: 15.30 min Scan# 2246

Delta R.T. 0.01 min

Lab File: BF102393.D

Acq: 24 Jan 2018 16:57

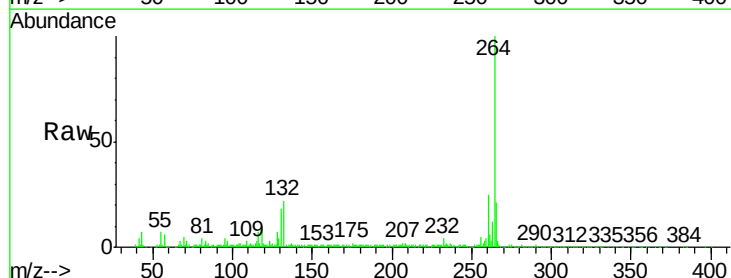
Tgt Ion:264 Resp: 251176

Ion Ratio Lower Upper

264 100

260 25.0 19.2 28.8

265 21.2 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

