

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042018\
 Data File : BF104673.D
 Acq On : 20 Apr 2018 14:48
 Operator : JU/SJ
 Sample : J2460-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MDP-B-1-0-6

Quant Time: Apr 20 15:53:34 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 20 14:49:55 2018
 Response via : Initial Calibration

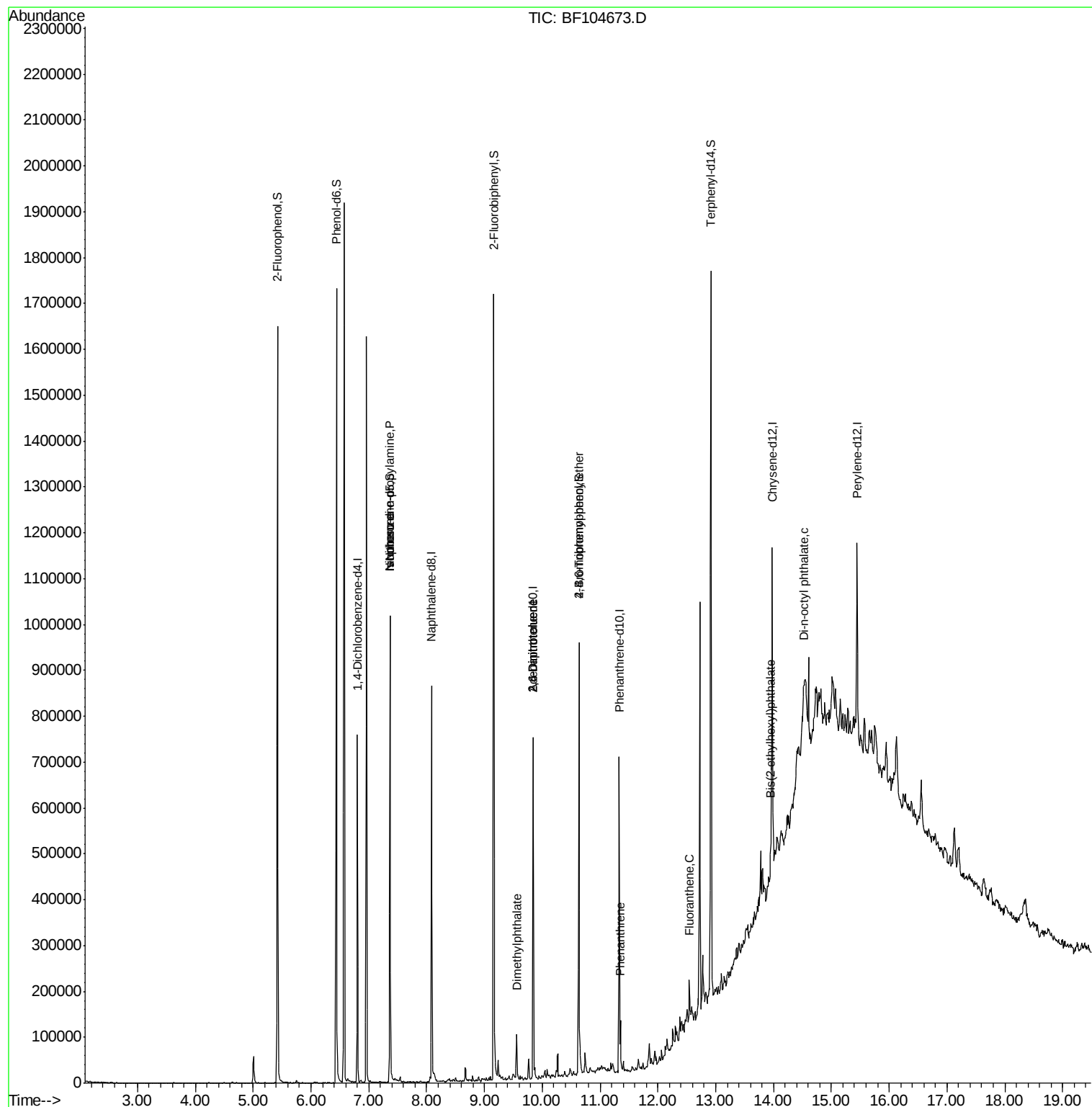
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	102158	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	384410	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	147186	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	245001	20.00	ng	0.00
75) Chrysene-d12	13.97	240	236131	20.00	ng	0.00
86) Perylene-d12	15.44	264	178846	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	523179	78.31	ng	0.00
7) Phenol-d6	6.44	99	591778	72.09	ng	0.00
23) Nitrobenzene-d5	7.37	82	351055	59.63	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	115073	75.37	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	569768	61.15	ng	0.00
78) Terphenyl-d14	12.92	244	508966	49.14	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	44935	8.377	ng	# 75
25) Isophorone	7.37	82	351050	28.199	ng	# 64
49) Dimethylphthalate	9.56	163	39673	3.418	ng	# 98
50) 2,6-Dinitrotoluene	9.84	165	18568	8.646	ng	# 25
56) 2,4-Dinitrotoluene	9.84	165	18568	6.591	ng	# 22
66) 4-Bromophenyl-phenylether	10.63	248	7212	2.767	ng	# 1
70) Phenanthrene	11.35	178	35847	2.627	ng	# 98
74) Fluoranthene	12.54	202	33897	2.378	ng	# 96
76) Benzidine	12.64	184	1447	Below Cal		# 1
83) Bis(2-ethylhexyl)phthalate	13.95	149	24197	2.281	ng	# 96
84) Di-n-octyl phthalate	14.53	149	35727	2.016	ng	# 88

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042018\
Data File : BF104673.D
Acq On : 20 Apr 2018 14:48
Operator : JU/SJ
Sample : J2460-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MDP-B-1-0-6

Quant Time: Apr 20 15:53:34 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 20 14:49:55 2018
Response via : Initial Calibration



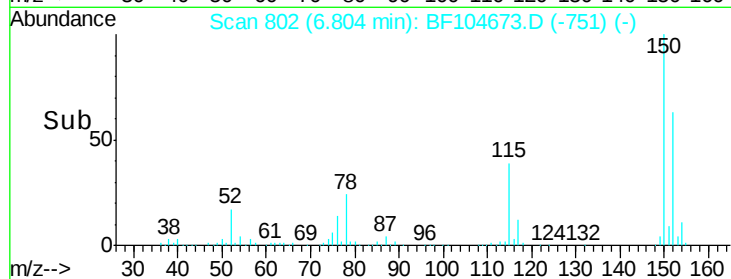
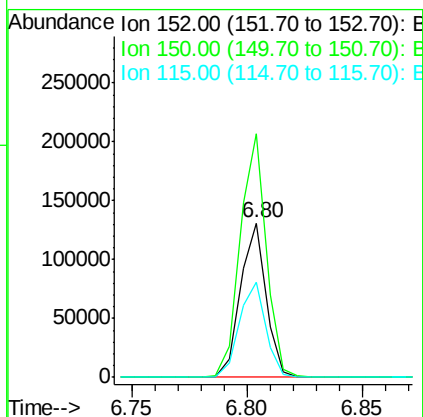
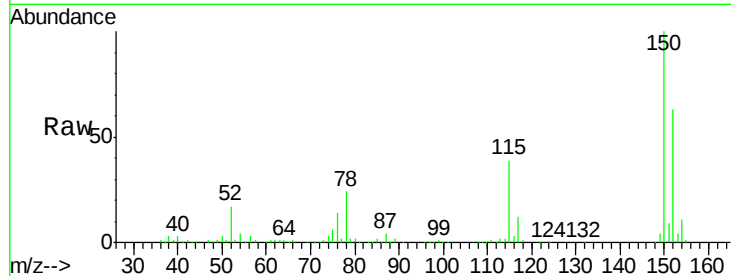


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104673.D
Acq: 20 Apr 2018 14:48

Instrument :
BNA_F
ClientSampleId :
MDP-B-1-0-6

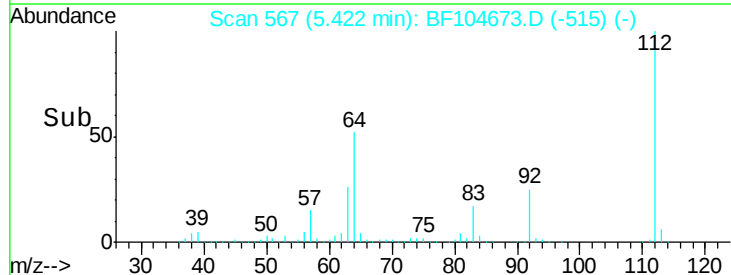
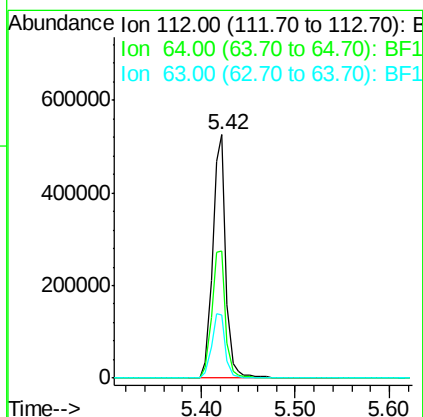
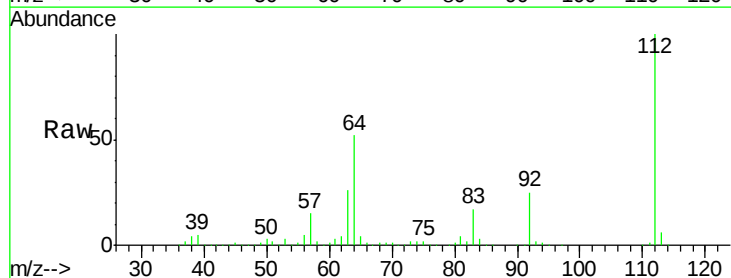
Tot Ion:152 Resp: 102158
Ion Ratio Lower Upper
152 100
150 157.8 124.6 186.8
115 62.0 50.1 75.1

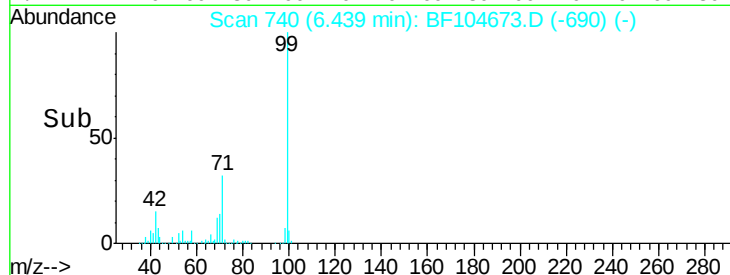
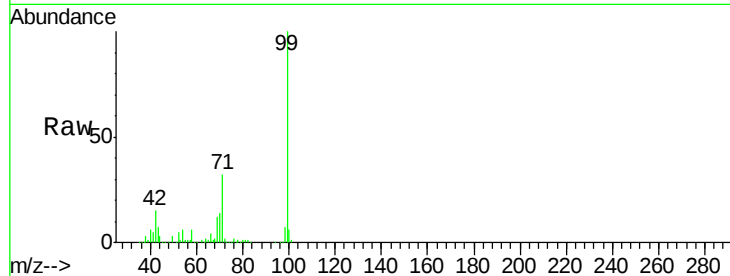


#5

2-Fluorophenol
Concen: 78.307 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104673.D
Acq: 20 Apr 2018 14:48

Tgt Ion:112 Resp: 523179
Ion Ratio Lower Upper
112 100
64 52.4 47.9 71.9
63 26.0 23.7 35.5





#7

Phenol-d6

Concen: 72.090 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF104673.D

Acq: 20 Apr 2018 14:48

Instrument :

BNA_F

ClientSampleId :

MDP-B-1-0-6

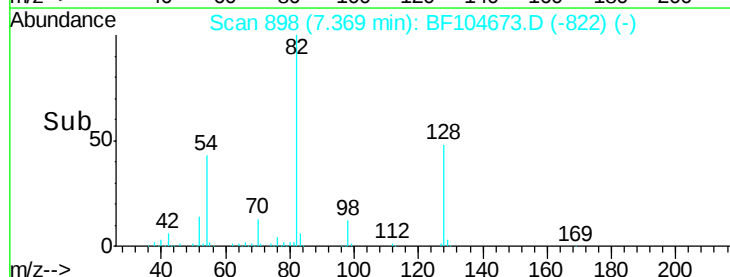
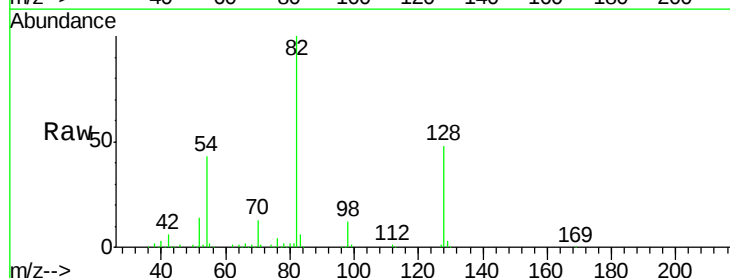
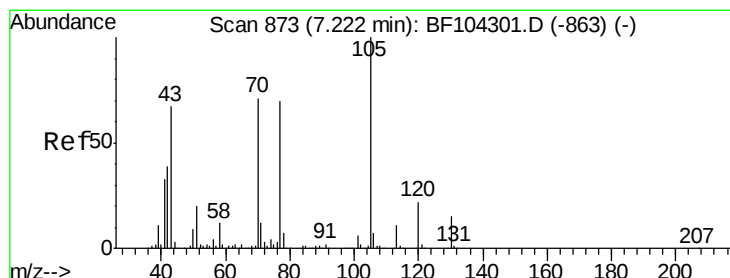
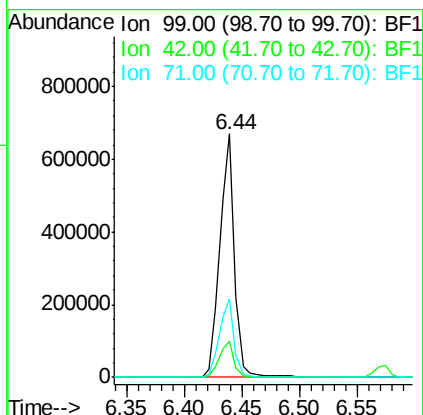
Tot Ion: 99 Resp: 591778

Ion Ratio Lower Upper

99 100

42 14.9 14.5 21.7

71 32.0 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 8.377 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.15 min

Lab File: BF104673.D

Acq: 20 Apr 2018 14:48

Tgt Ion: 70 Resp: 44935

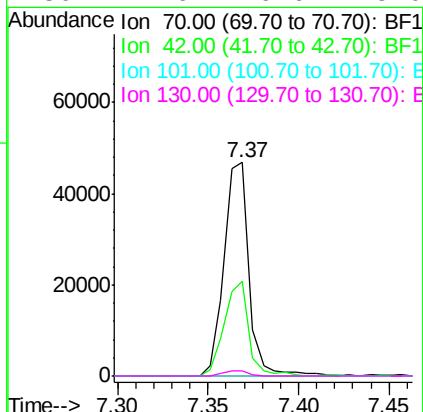
Ion Ratio Lower Upper

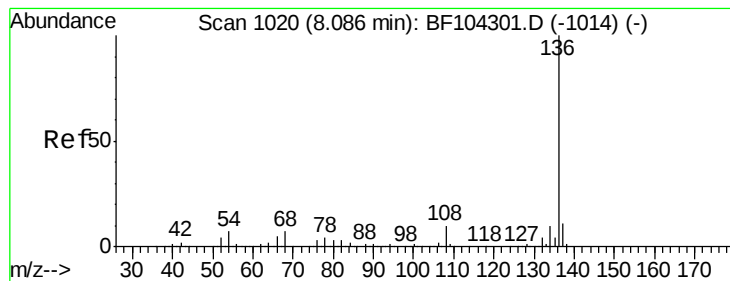
70 100

42 44.4 47.5 71.3#

101 0.0 7.4 11.2#

130 2.6 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF104673.D

Acq: 20 Apr 2018 14:48

Instrument :

BNA_F

ClientSampleId :

MDP-B-1-0-6

Tot Ion:136 Resp: 384410

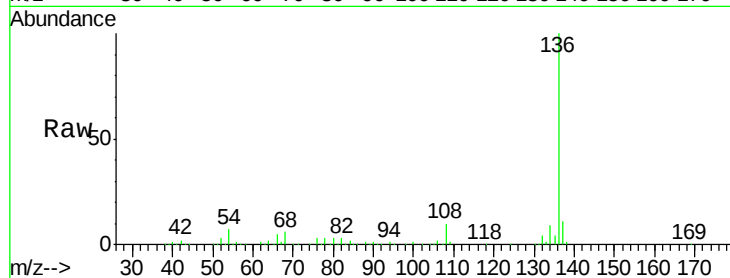
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 6.6 6.6 9.8

68 5.8 5.0 7.4

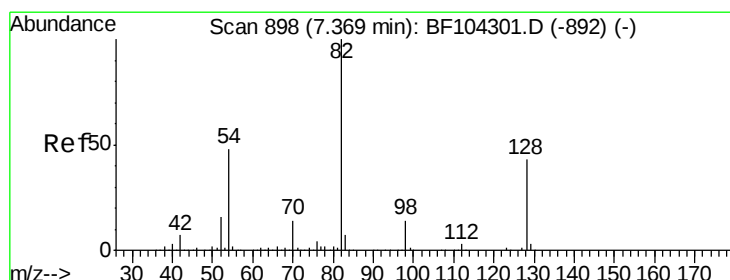
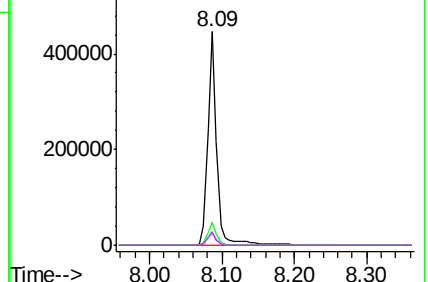
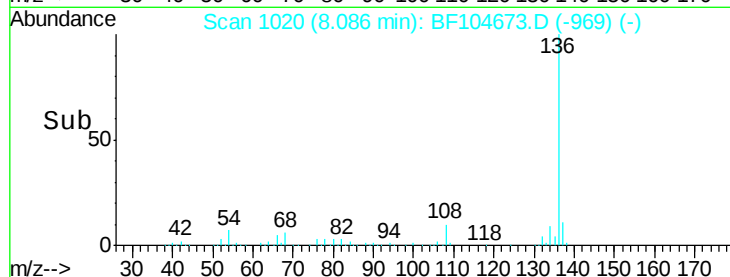


Abundance Ion 136.00 (135.70 to 136.70): E

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: 59.632 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF104673.D

Acq: 20 Apr 2018 14:48

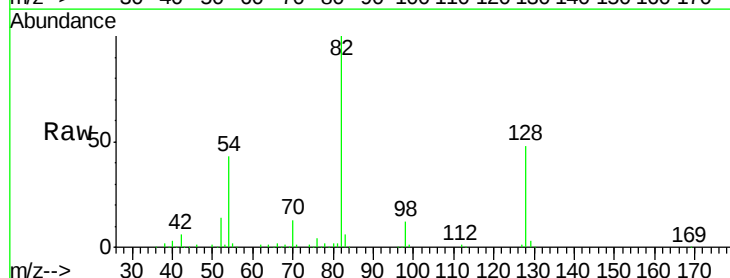
Tgt Ion: 82 Resp: 351055

Ion Ratio Lower Upper

82 100

128 48.5 36.1 54.1

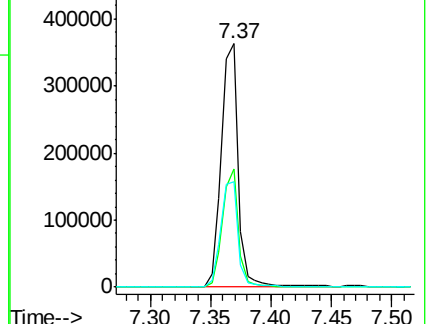
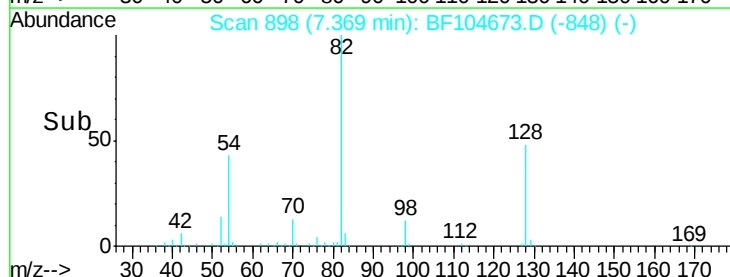
54 43.1 41.4 62.2

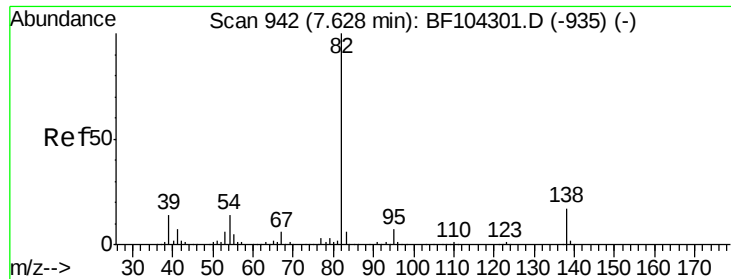


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 28.199 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.26 min

Lab File: BF104673.D

Acq: 20 Apr 2018 14:48

Instrument :

BNA_F

ClientSampleId :

MDP-B-1-0-6

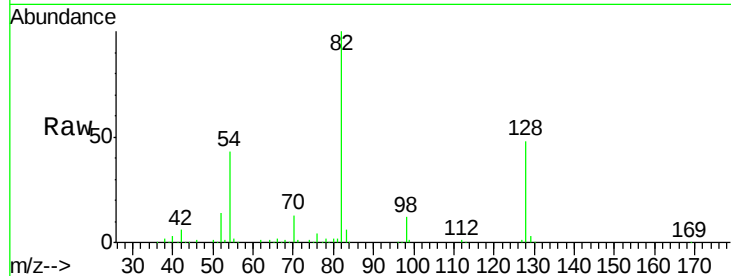
Tot Ion: 82 Resp: 351050

Ion Ratio Lower Upper

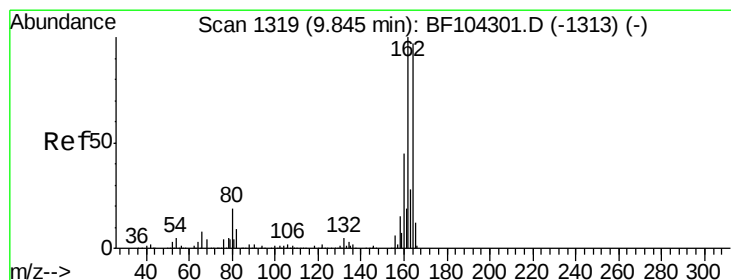
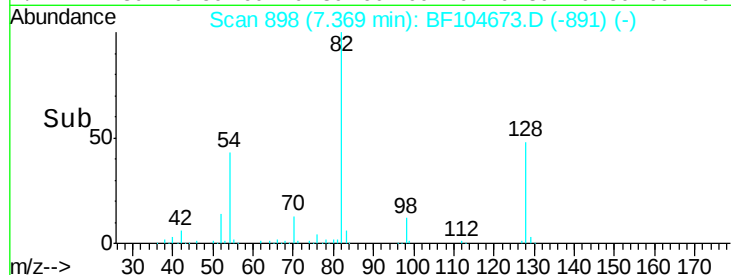
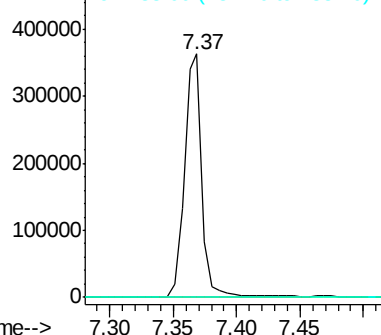
82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF104673.D

Acq: 20 Apr 2018 14:48

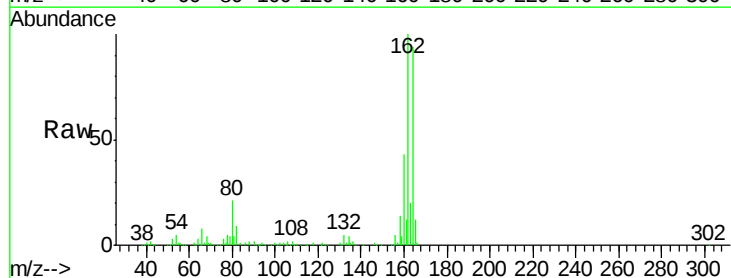
Tgt Ion: 164 Resp: 147186

Ion Ratio Lower Upper

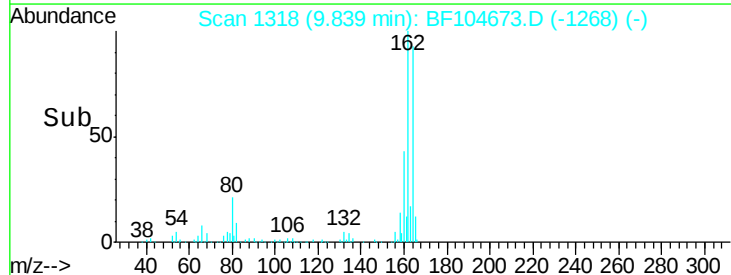
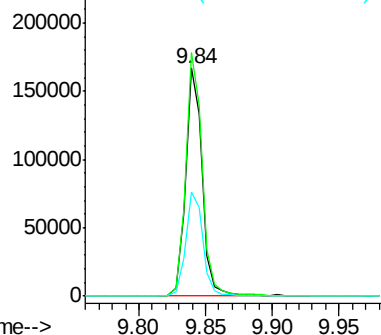
164 100

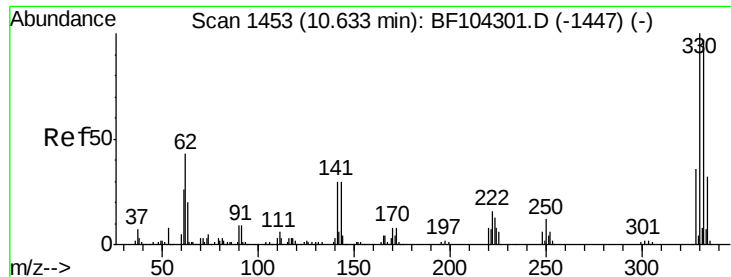
162 106.7 86.1 129.1

160 45.4 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

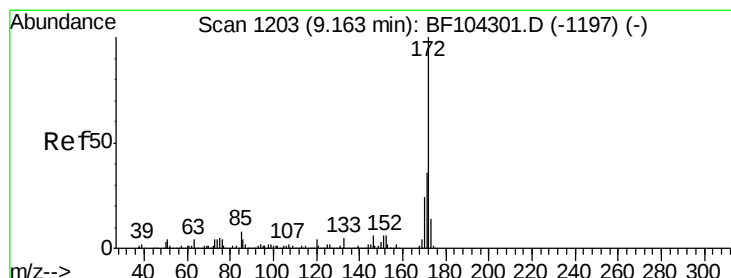
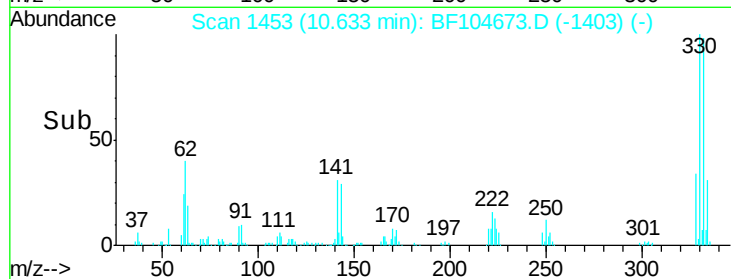
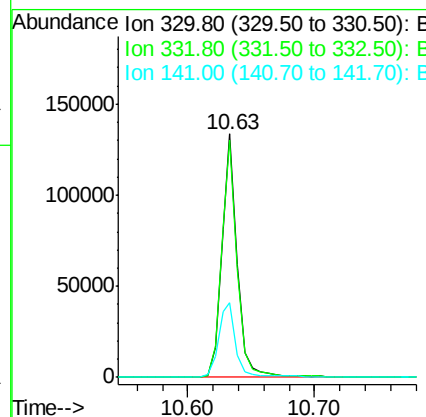
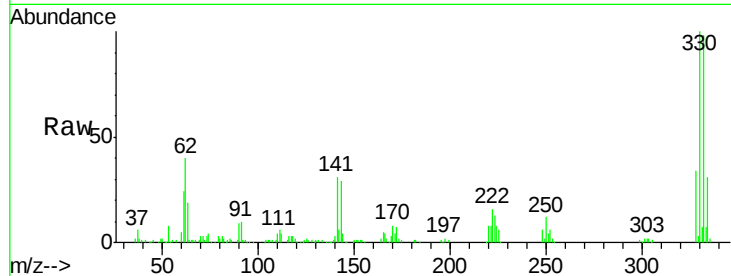




#41
 2,4,6-Tribromophenol
 Concen: 75.369 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF104673.D
 Acq: 20 Apr 2018 14:48

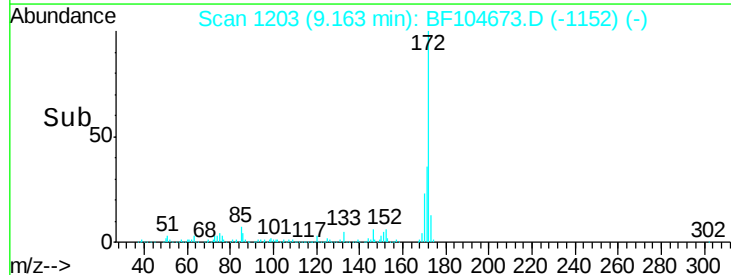
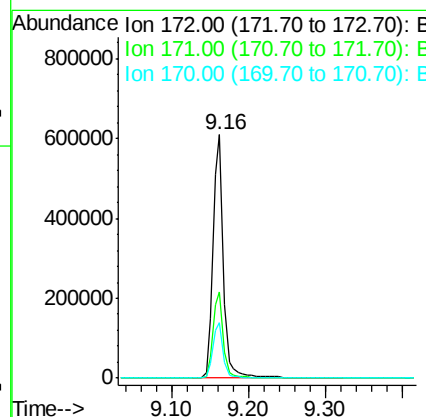
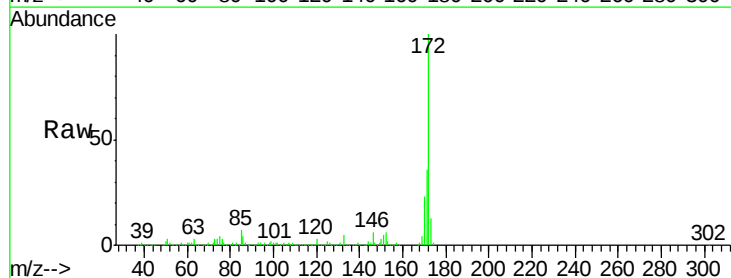
Instrument :
 BNA_F
 ClientSampleId :
 MDP-B-1-0-6

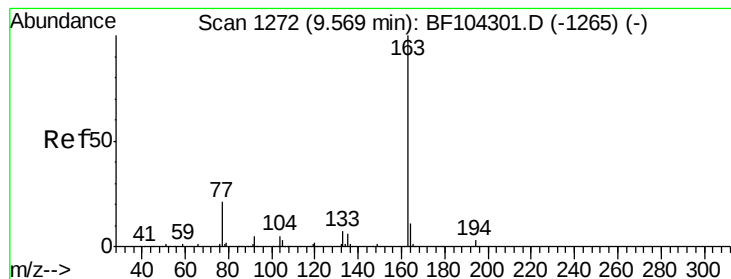
Tot Ion:330 Resp: 115073
 Ion Ratio Lower Upper
 330 100
 332 98.4 77.0 115.6
 141 34.8 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 61.153 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BF104673.D
 Acq: 20 Apr 2018 14:48

Tgt Ion:172 Resp: 569768
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.7 44.5
 170 22.7 19.6 29.4





#49

Dimethylphthalate

Concen: 3.418 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF104673.D

Acq: 20 Apr 2018 14:48

Instrument :

BNA_F

ClientSampleId :

MDP-B-1-0-6

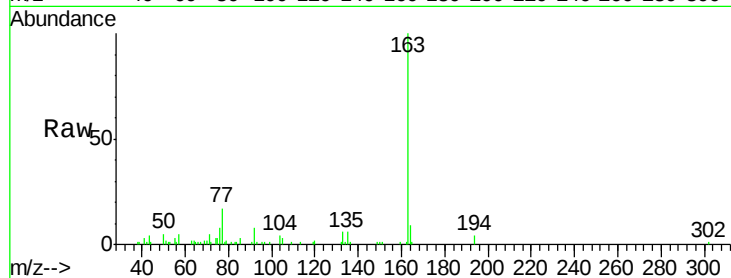
Tot Ion:163 Resp: 39673

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

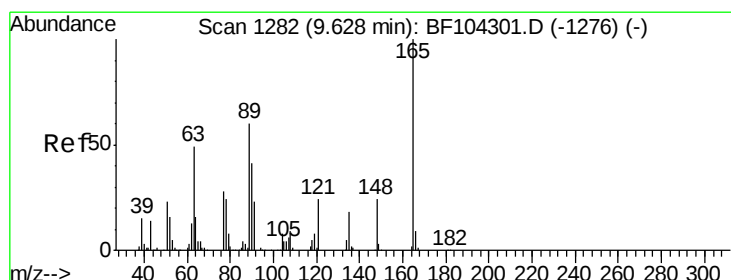
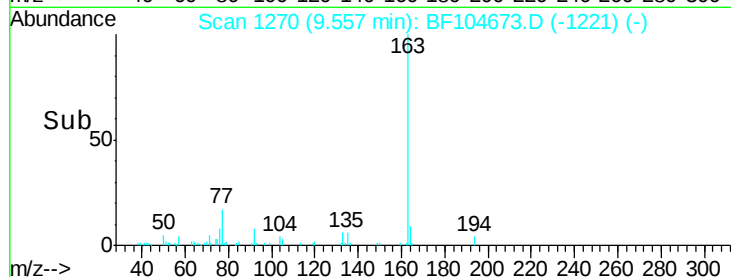
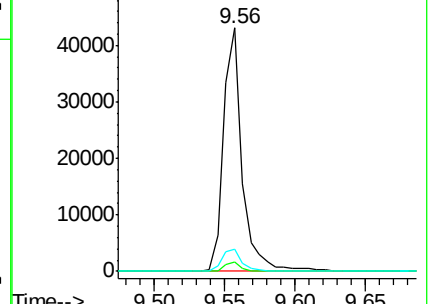
164 9.3 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 8.646 ng

RT: 9.84 min Scan# 1318

Delta R.T. 0.21 min

Lab File: BF104673.D

Acq: 20 Apr 2018 14:48

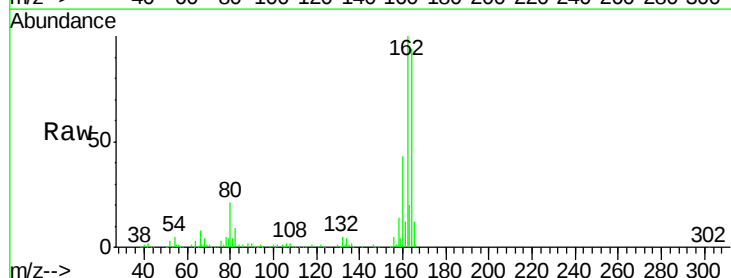
Tgt Ion:165 Resp: 18568

Ion Ratio Lower Upper

165 100

63 1.4 44.7 67.1#

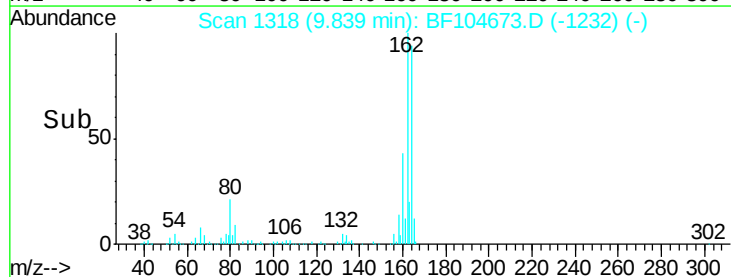
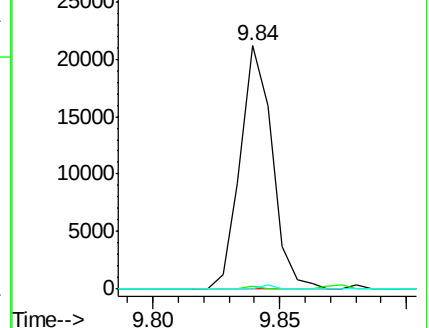
89 0.0 44.0 66.0#

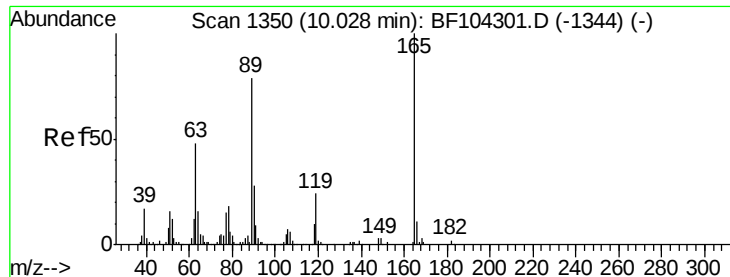


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#56

2,4-Dinitrotoluene

Concen: 6.591 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.20 min

Lab File: BF104673.D

Acq: 20 Apr 2018 14:48

Instrument :

BNA_F

ClientSampleId :

MDP-B-1-0-6

Tot Ion:165 Resp: 18568

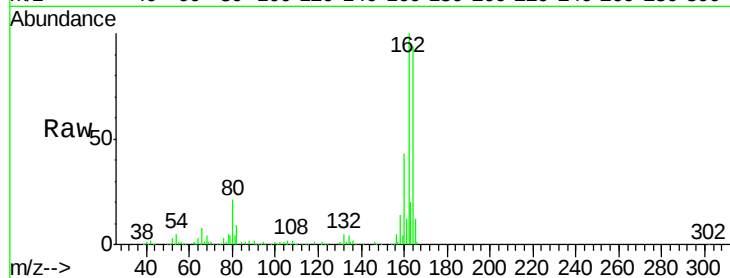
Ion Ratio Lower Upper

165 100

63 1.4 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

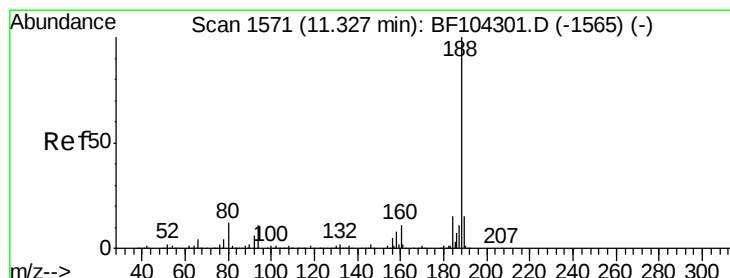
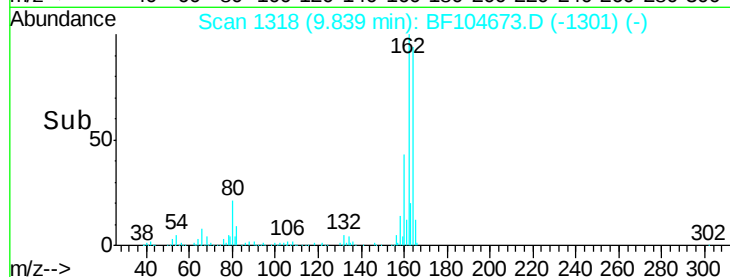
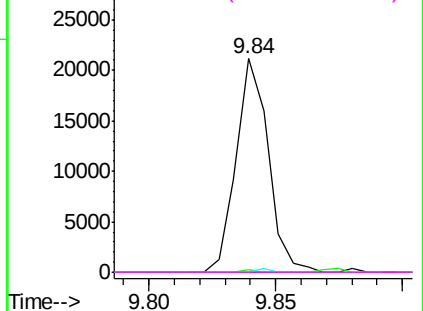


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BF104673.D

Acq: 20 Apr 2018 14:48

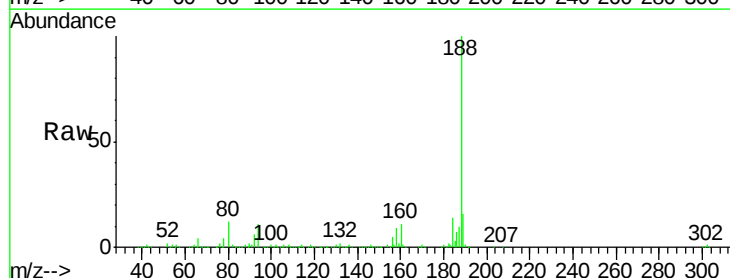
Tgt Ion:188 Resp: 245001

Ion Ratio Lower Upper

188 100

94 11.0 8.5 12.7

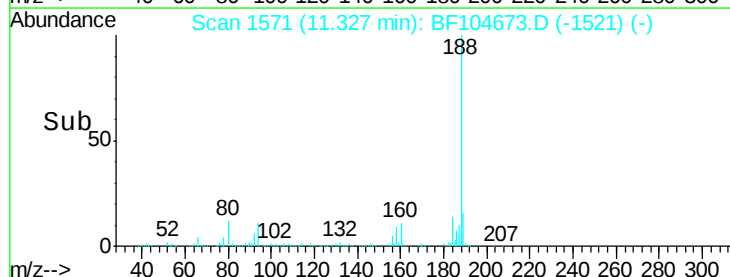
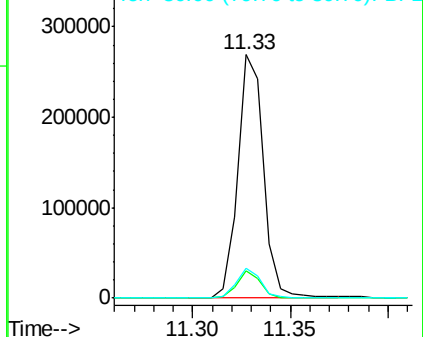
80 12.3 9.2 13.8

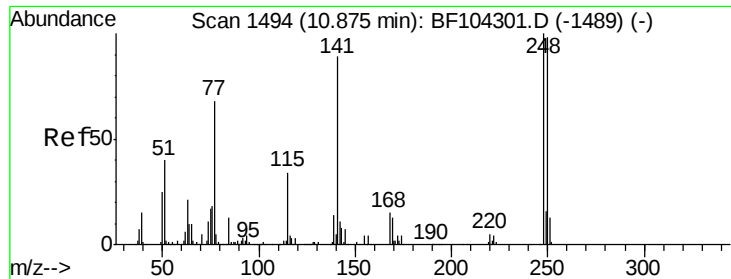


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

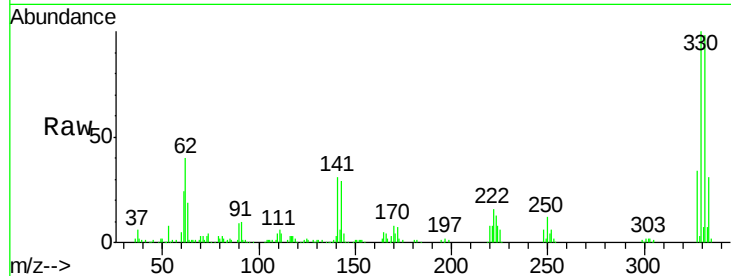




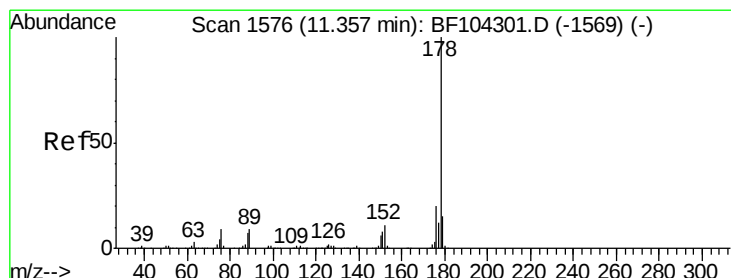
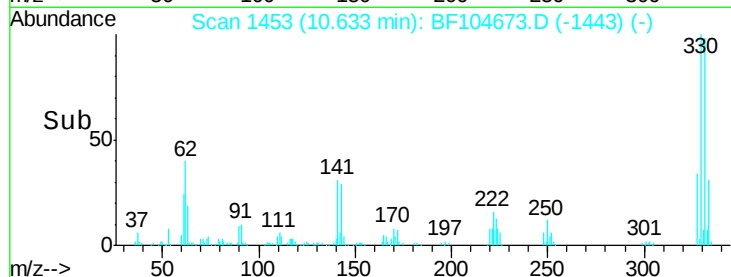
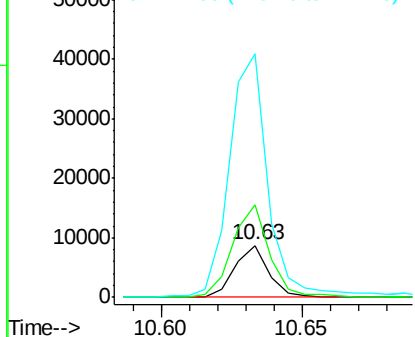
#66
4-Bromophenyl-phenylether
Concen: 2.767 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.24 min
Lab File: BF104673.D
Acq: 20 Apr 2018 14:48

Instrument :
BNA_F
ClientSampleId :
MDP-B-1-0-6

Tot Ion:248 Resp: 7212
Ion Ratio Lower Upper
248 100
250 179.6 76.9 115.3#
141 470.8 74.4 111.6#

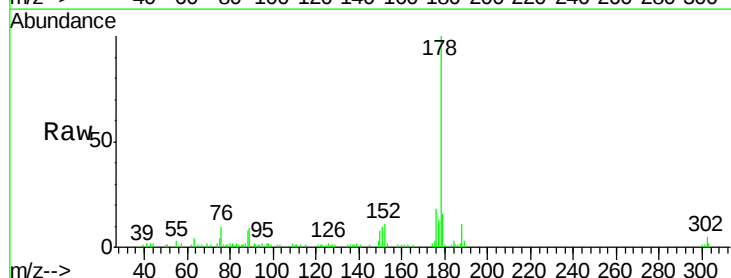


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

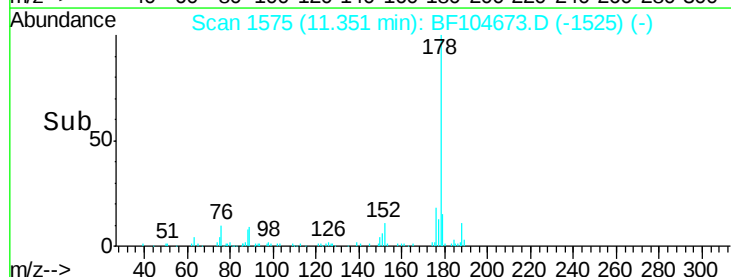
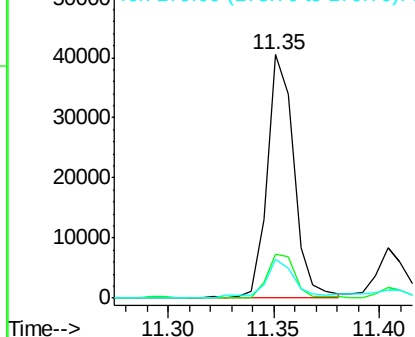


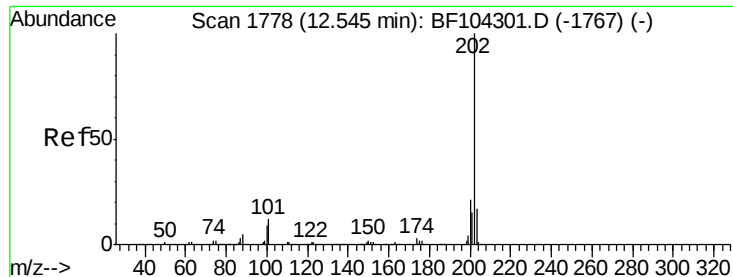
#70
Phenanthrene
Concen: 2.627 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF104673.D
Acq: 20 Apr 2018 14:48

Tgt Ion:178 Resp: 35847
Ion Ratio Lower Upper
178 100
176 18.2 15.8 23.8
179 15.7 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 2.378 ng

RT: 12.54 min Scan# 1778

Delta R.T. -0.00 min

Lab File: BF104673.D

Acq: 20 Apr 2018 14:48

Instrument :

BNA_F

ClientSampleId :

MDP-B-1-0-6

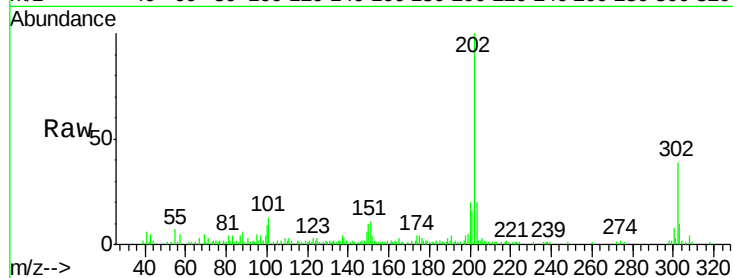
Tot Ion:202 Resp: 33897

Ion Ratio Lower Upper

202 100

101 12.8 0.0 34.1

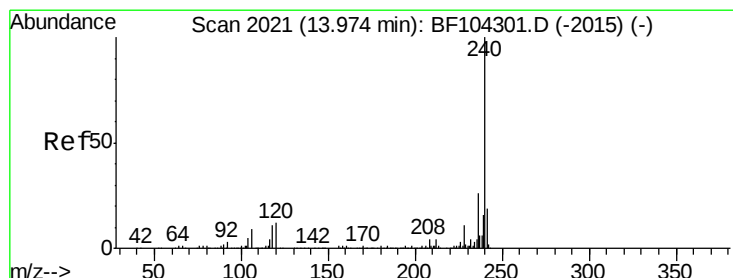
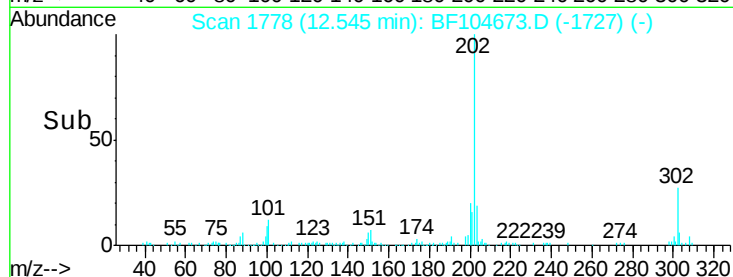
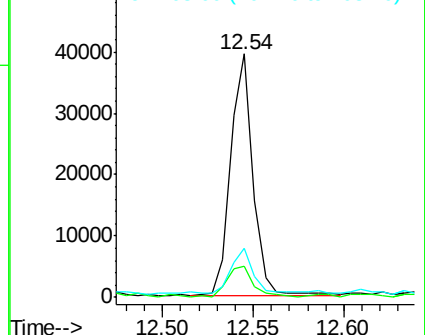
203 20.0 0.0 38.1



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: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF104673.D

Acq: 20 Apr 2018 14:48

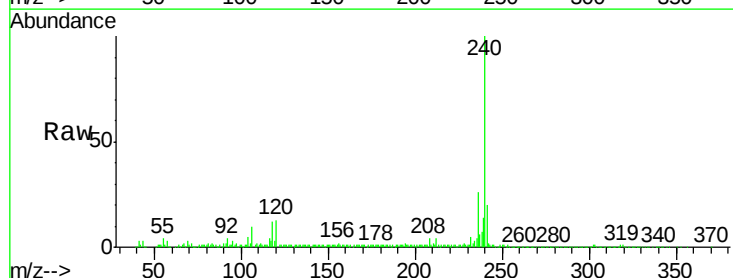
Tgt Ion:240 Resp: 236131

Ion Ratio Lower Upper

240 100

120 13.4 9.5 14.3

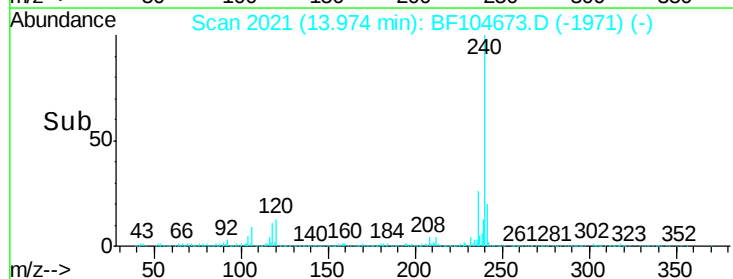
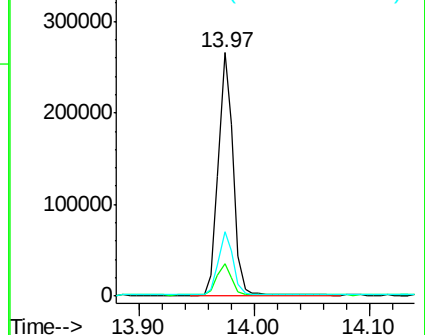
236 26.3 20.7 31.1

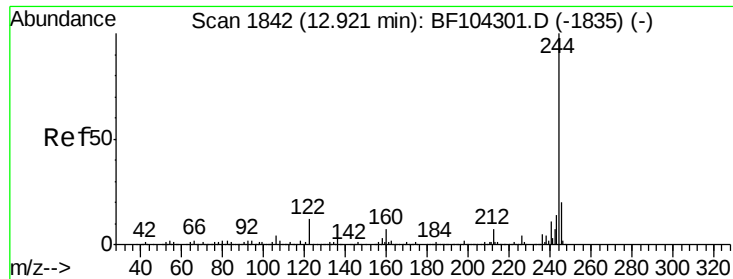


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

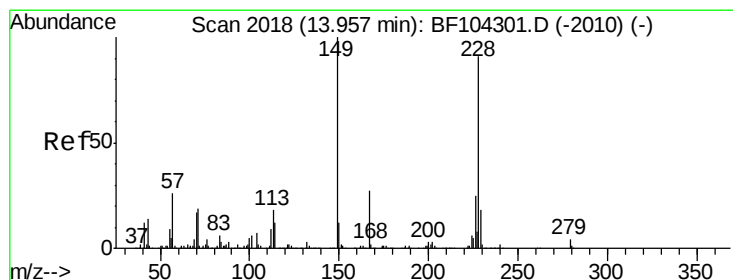
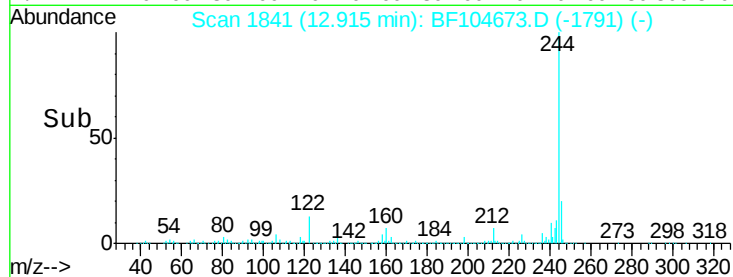
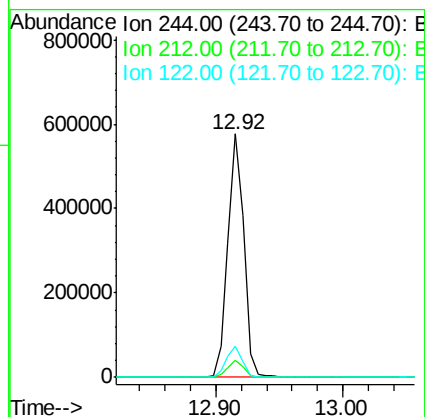
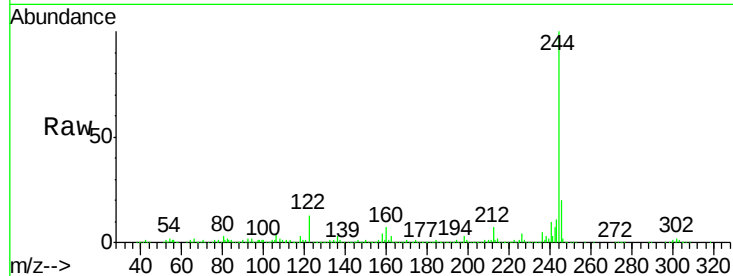




#78
 Terphenyl-d14
 Concen: 49.140 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF104673.D
 Acq: 20 Apr 2018 14:48

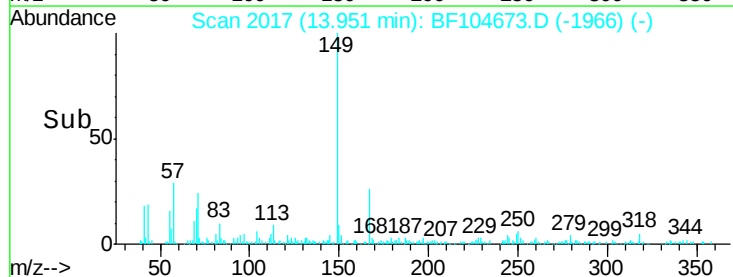
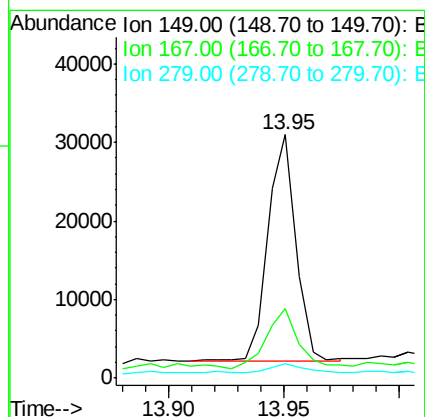
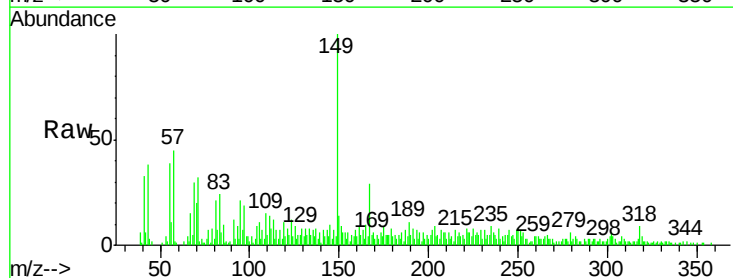
Instrument :
 BNA_F
 ClientSampleId :
 MDP-B-1-0-6

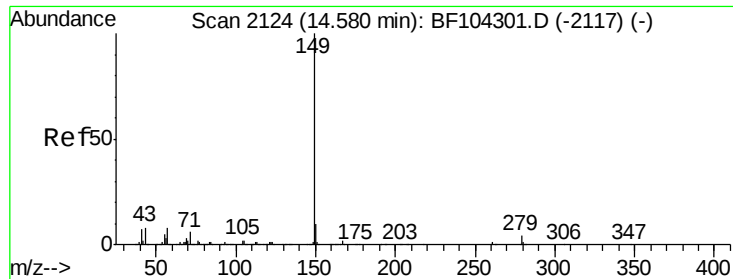
Tot Ion:244 Resp: 508966
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 13.0 11.0 16.4



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.281 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.00 min
 Lab File: BF104673.D
 Acq: 20 Apr 2018 14:48

Tgt Ion:149 Resp: 24197
 Ion Ratio Lower Upper
 149 100
 167 28.7 21.3 31.9
 279 5.8 3.0 4.4#





#84

Di-n-octyl phthalate

Concen: 2.016 ng

RT: 14.53 min Scan# 2115

Delta R.T. -0.04 min

Lab File: BF104673.D

Acq: 20 Apr 2018 14:48

Instrument :

BNA_F

ClientSampleId :

MDP-B-1-0-6

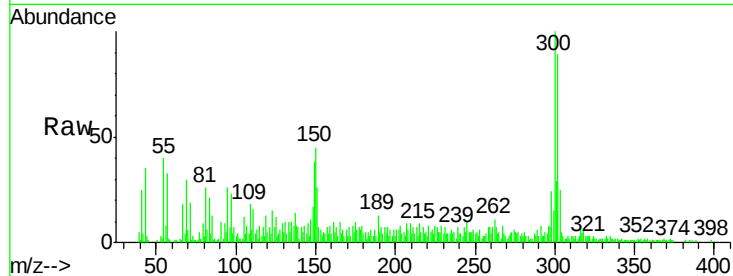
Tot Ion:149 Resp: 35727

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

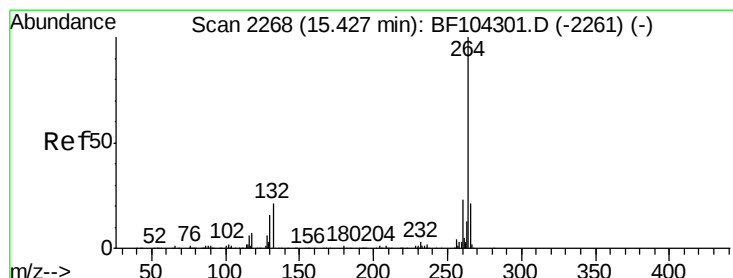
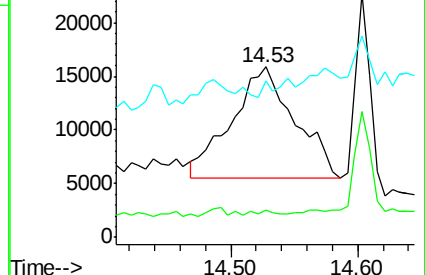
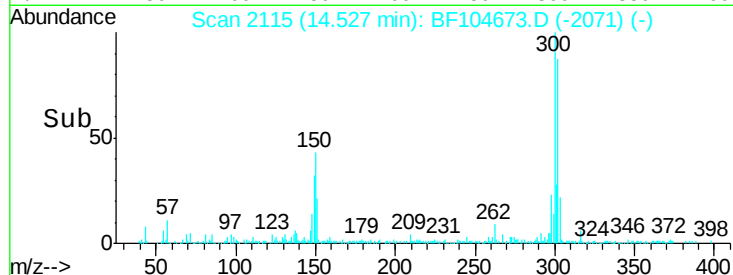
43 5.5 8.4 12.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2271

Delta R.T. 0.01 min

Lab File: BF104673.D

Acq: 20 Apr 2018 14:48

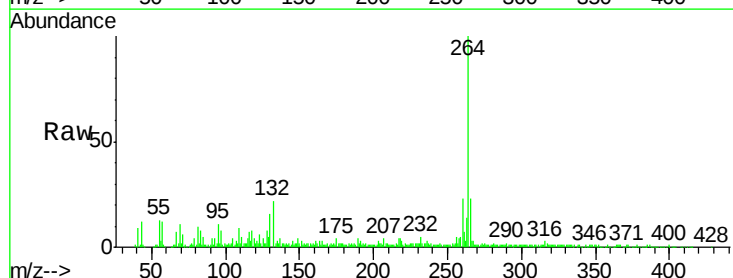
Tgt Ion:264 Resp: 178846

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 22.6 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

