

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
 Data File : BF091681.D
 Acq On : 16 Dec 2016 19:09
 Operator : UM/SJ
 Sample : H6099-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS02-1FT

Quant Time: Dec 16 23:22:33 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 16 00:35:41 2016
 Response via : Initial Calibration

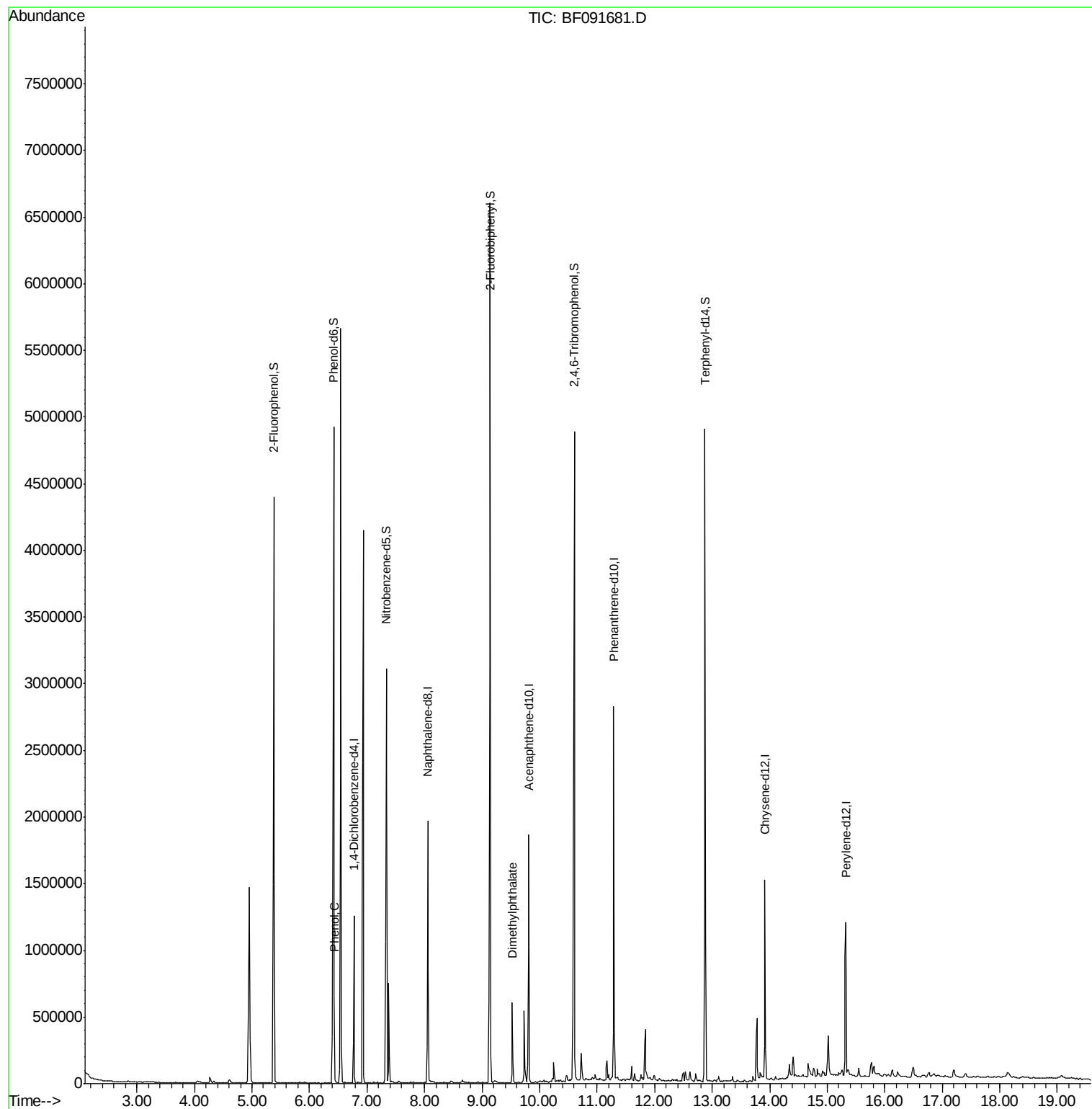
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	179166	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	1071737	20.00	ng	-0.02
38) Acenaphthene-d10	9.81	164	496484	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	956660	20.00	ng	-0.02
75) Chrysene-d12	13.92	240	474152	20.00	ng	-0.02
86) Perylene-d12	15.32	264	583267	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1432875	134.74	ng	0.00
7) Phenol-d6	6.42	99	1801233	135.86	ng	-0.01
23) Nitrobenzene-d5	7.33	82	1577102	82.13	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	677627	164.32	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	2371887	82.55	ng	-0.01
78) Terphenyl-d14	12.88	244	1619658	77.51	ng	-0.02
Target Compounds						
10) Phenol	6.43	94	136919	8.83	ng	Qvalue 82
49) Dimethylphthalate	9.53	163	244418	7.77	ng	# 98

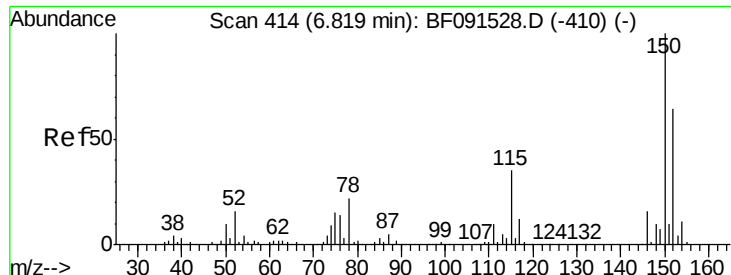
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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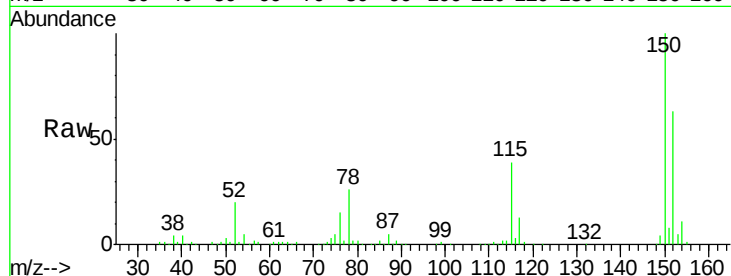




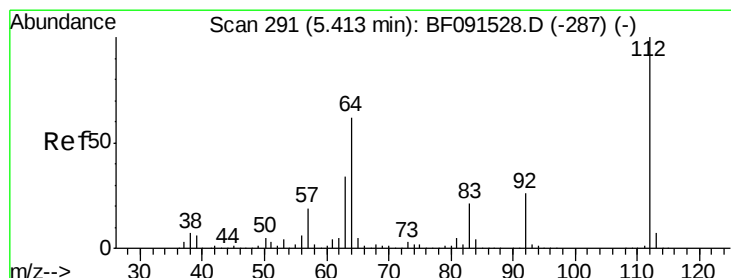
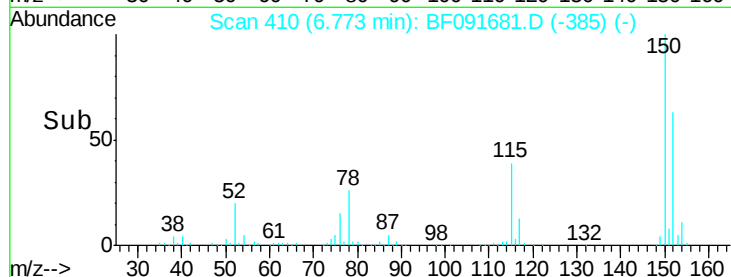
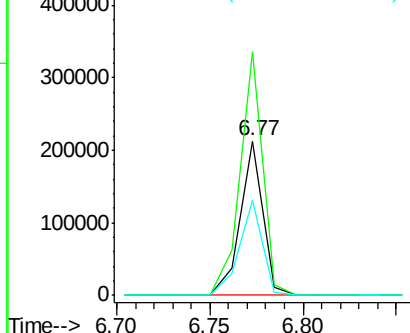
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.77 min Scan# 410
 Delta R.T. -0.01 min
 Lab File: BF091681.D
 Acq: 16 Dec 2016 19:09

Instrument :
 BNA_F
 ClientSampleId :
 SS02-1FT

Tot Ion:152 Resp: 179166
 Ion Ratio Lower Upper
 152 100
 150 157.5 122.5 183.7
 115 61.9 51.8 77.8

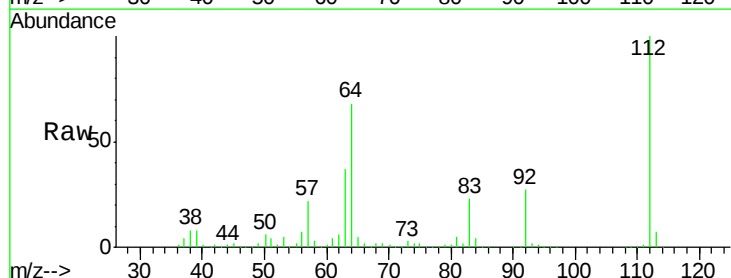


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

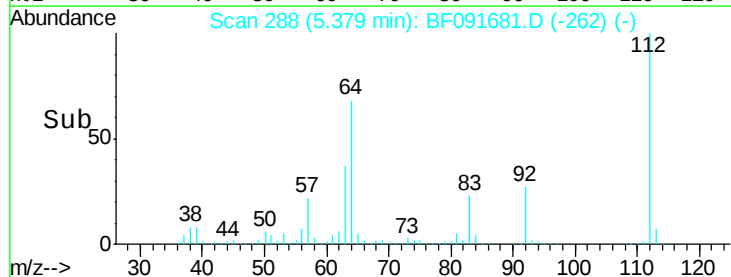
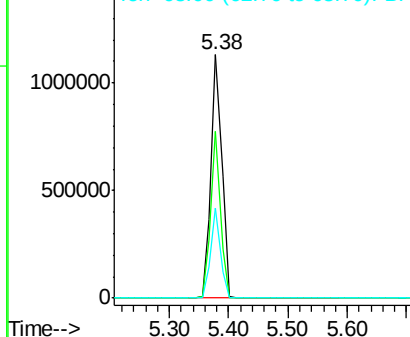


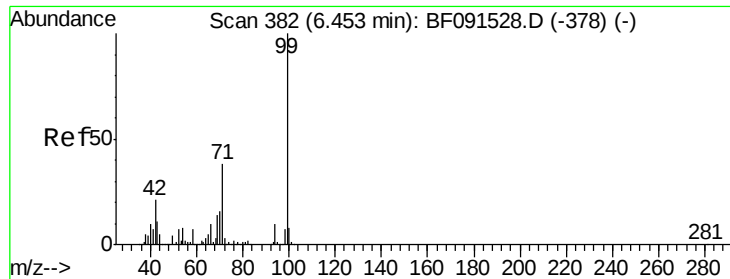
#5
 2-Fluorophenol
 Concen: 134.74 ng
 RT: 5.38 min Scan# 288
 Delta R.T. -0.00 min
 Lab File: BF091681.D
 Acq: 16 Dec 2016 19:09

Tgt Ion:112 Resp: 1432875
 Ion Ratio Lower Upper
 112 100
 64 68.5 61.5 92.3
 63 36.9 33.3 49.9



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 135.86 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF091681.D

Acq: 16 Dec 2016 19:09

Instrument :

BNA_F

ClientSampleId :

SS02-1FT

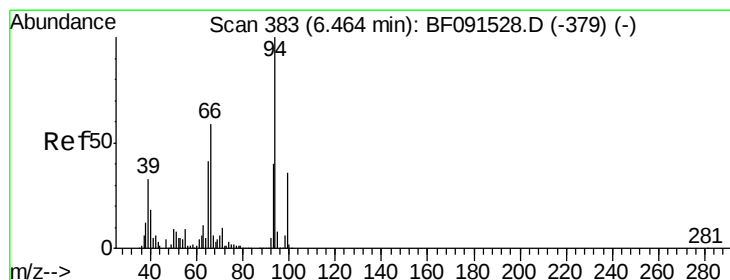
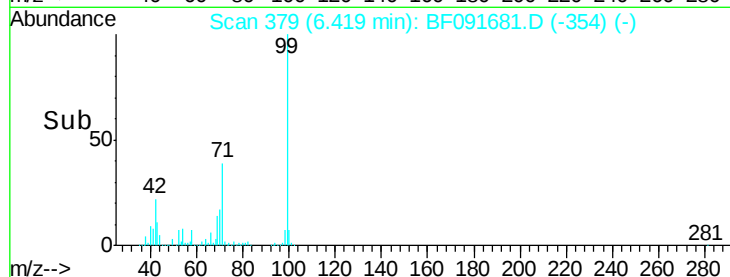
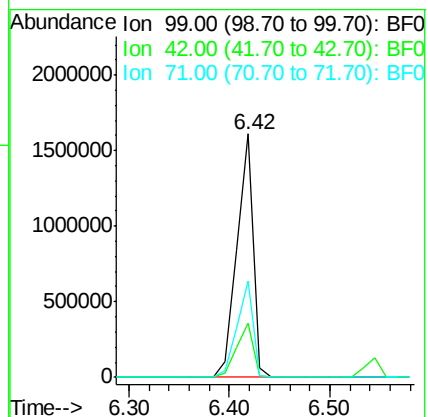
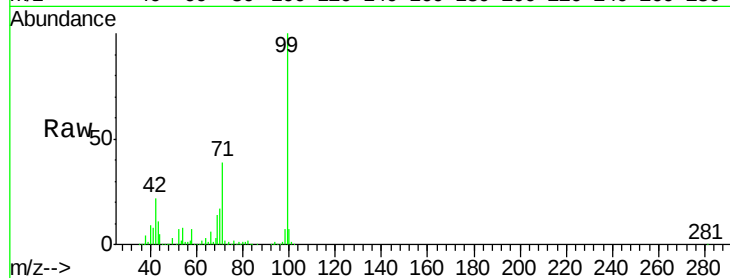
Tot Ion: 99 Resp: 1801233

Ion Ratio Lower Upper

99 100

42 22.1 20.6 31.0

71 39.4 29.9 44.9



#10

Phenol

Concen: 8.83 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF091681.D

Acq: 16 Dec 2016 19:09

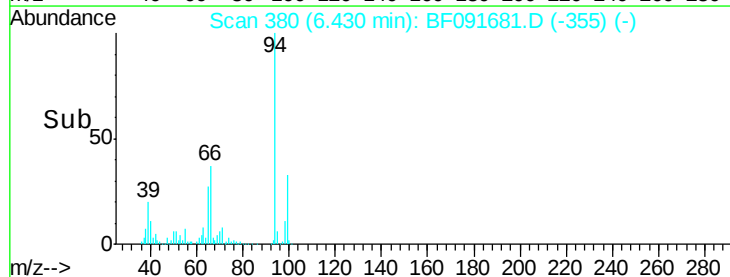
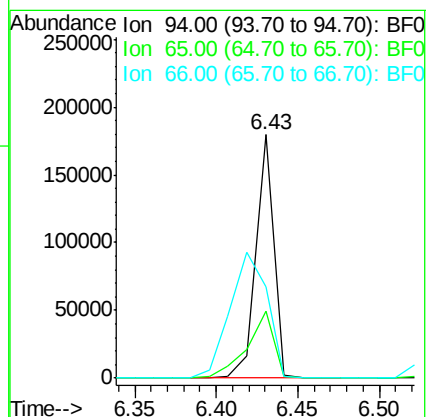
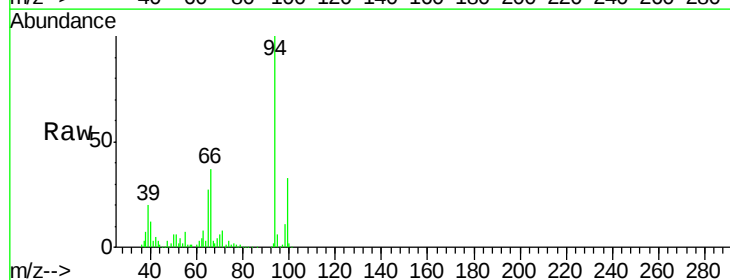
Tgt Ion: 94 Resp: 136919

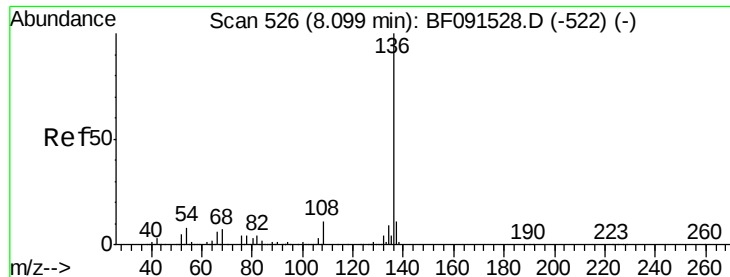
Ion Ratio Lower Upper

94 100

65 27.3 16.9 56.9

66 37.4 30.6 70.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.02 min

Lab File: BF091681.D

Acq: 16 Dec 2016 19:09

Instrument :

BNA_F

ClientSampleId :

SS02-1FT

Tot Ion:136 Resp: 1071737

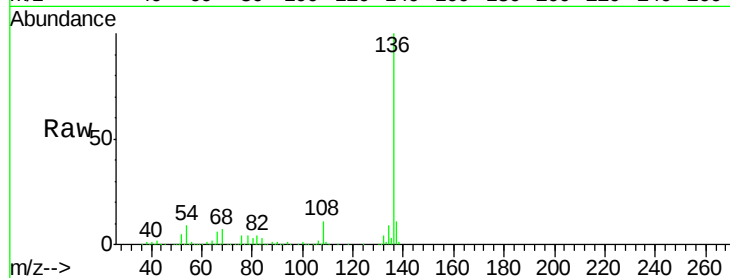
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 9.1 9.1 13.7

68 7.1 5.9 8.9

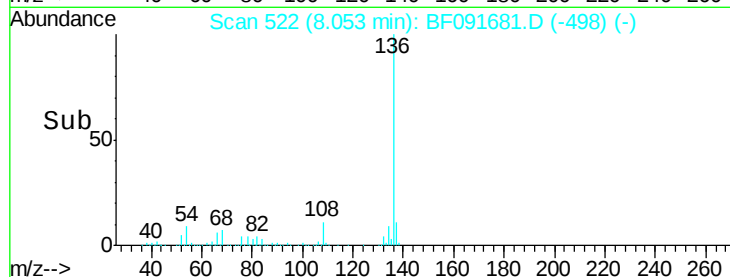


Abundance Ion 136.00 (135.70 to 136.70): E

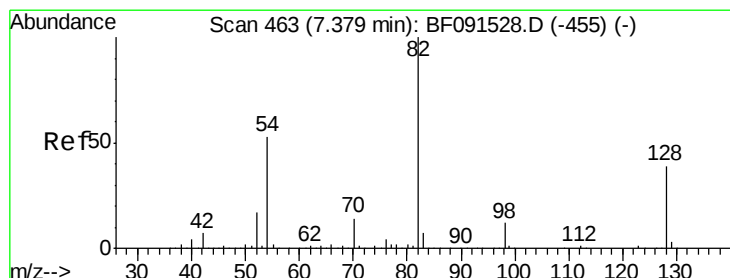
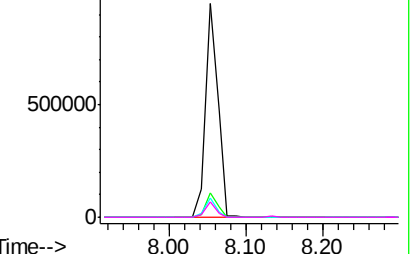
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 82.13 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.02 min

Lab File: BF091681.D

Acq: 16 Dec 2016 19:09

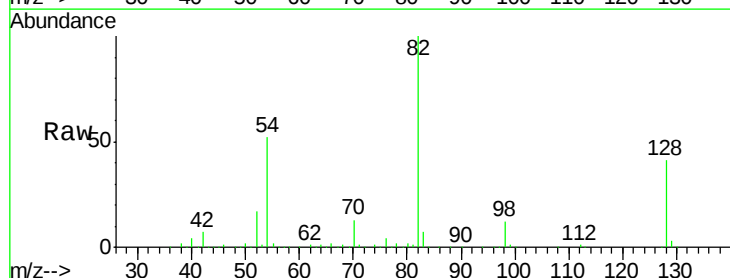
Tgt Ion: 82 Resp: 1577102

Ion Ratio Lower Upper

82 100

128 40.5 31.8 47.6

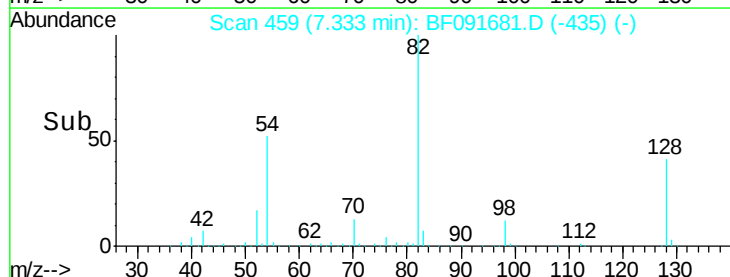
54 52.3 49.1 73.7



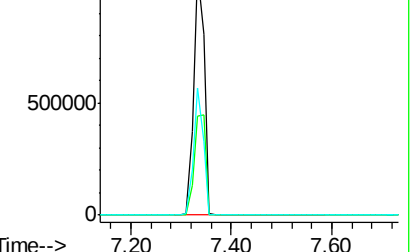
Abundance Ion 82.00 (81.70 to 82.70): BF0

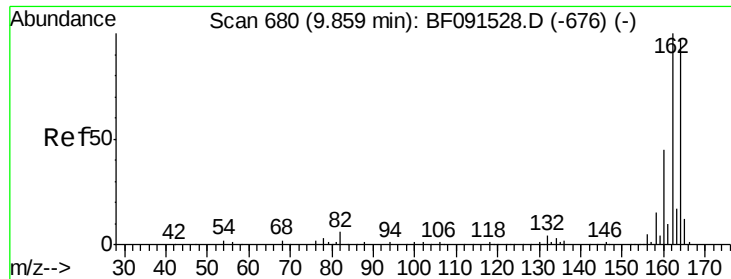
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.01 min

Lab File: BF091681.D

Acq: 16 Dec 2016 19:09

Instrument :

BNA_F

ClientSampleId :

SS02-1FT

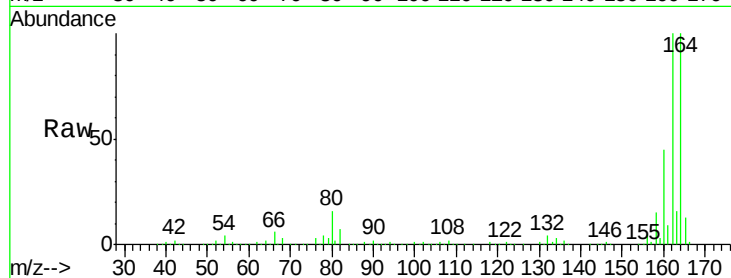
Tot Ion:164 Resp: 496484

Ion Ratio Lower Upper

164 100

162 99.7 82.6 124.0

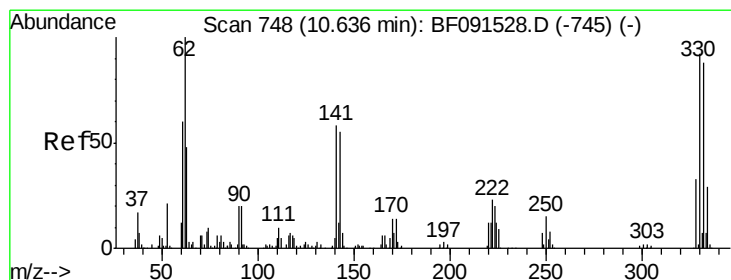
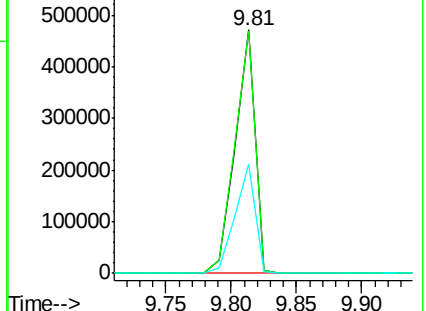
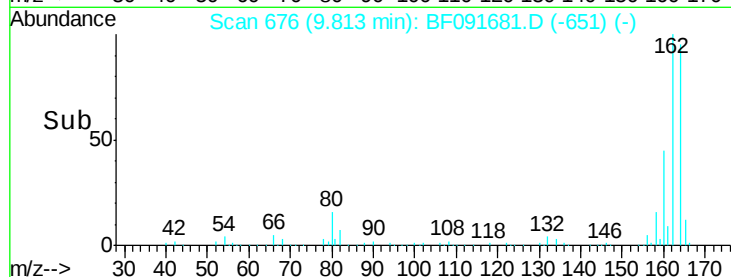
160 44.8 36.7 55.1



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: 164.32 ng

RT: 10.60 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF091681.D

Acq: 16 Dec 2016 19:09

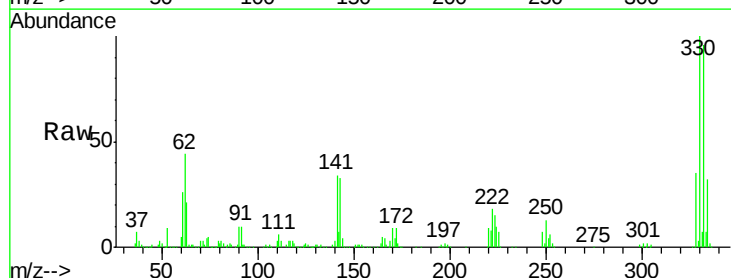
Tgt Ion:330 Resp: 677627

Ion Ratio Lower Upper

330 100

332 95.5 76.2 114.4

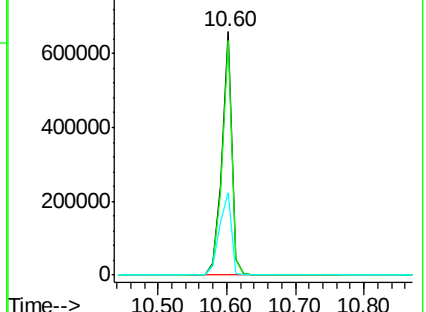
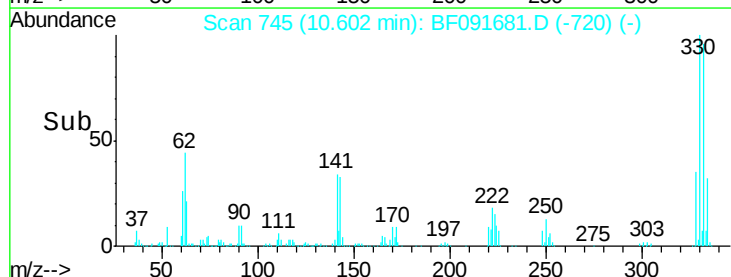
141 40.6 33.6 50.4

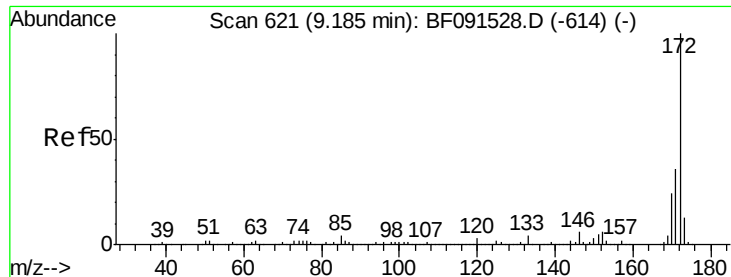


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

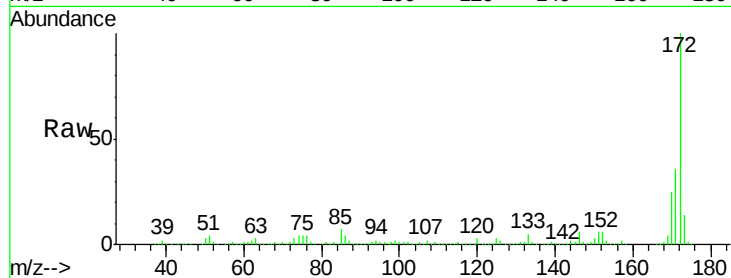




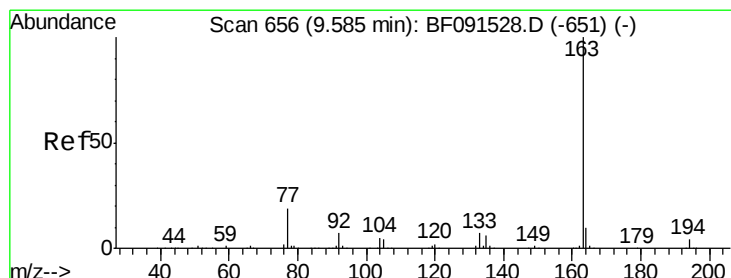
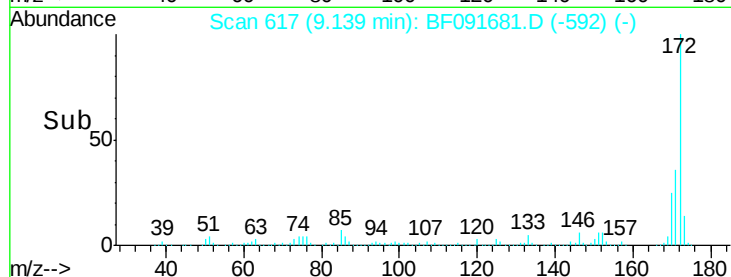
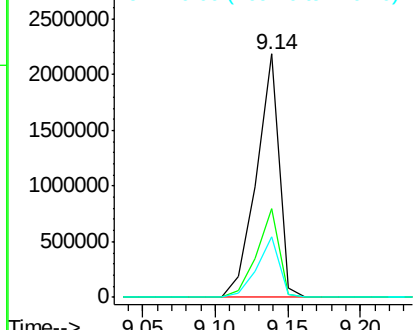
#44
2-Fluorobiphenyl
Concen: 82.55 ng
RT: 9.14 min Scan# 617
Delta R.T. -0.01 min
Lab File: BF091681.D
Acq: 16 Dec 2016 19:09

Instrument :
BNA_F
ClientSampleId :
SS02-1FT

Tot Ion:172 Resp: 2371887
Ion Ratio Lower Upper
172 100
171 36.3 29.4 44.0
170 24.8 19.7 29.5

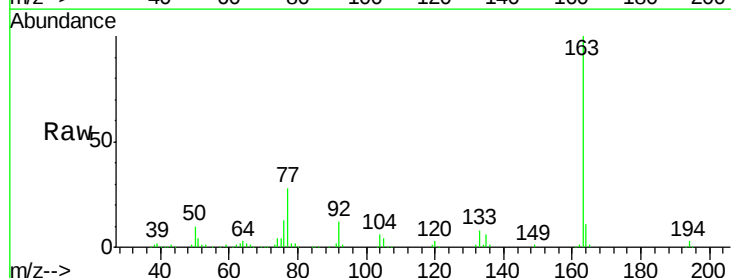


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

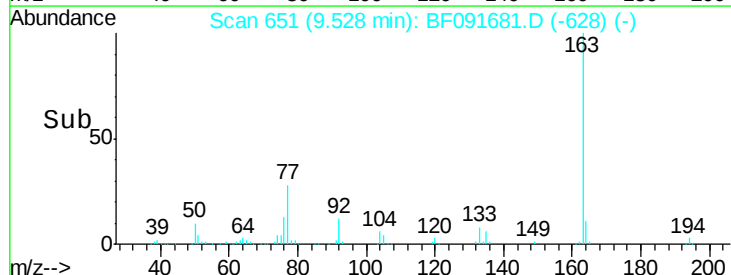
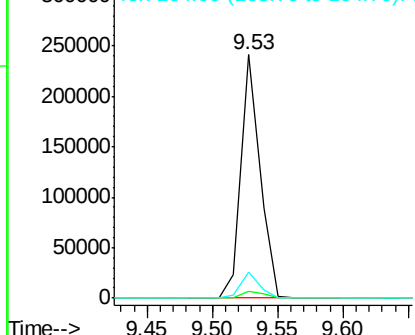


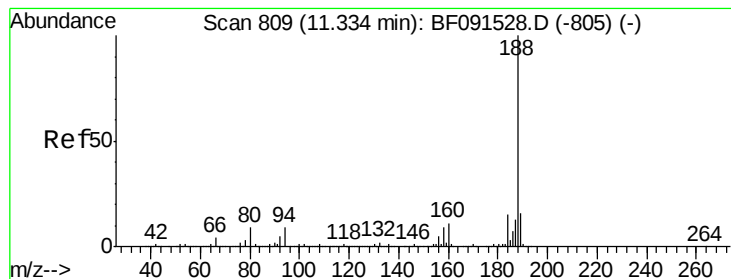
#49
Dimethylphthalate
Concen: 7.77 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.03 min
Lab File: BF091681.D
Acq: 16 Dec 2016 19:09

Tgt Ion:163 Resp: 244418
Ion Ratio Lower Upper
163 100
194 2.8 3.0 4.4#
164 10.6 7.8 11.8



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: 20.00 ng

RT: 11.29 min Scan# 805

Delta R.T. -0.02 min

Lab File: BF091681.D

Acq: 16 Dec 2016 19:09

Instrument :

BNA_F

ClientSampleId :

SS02-1FT

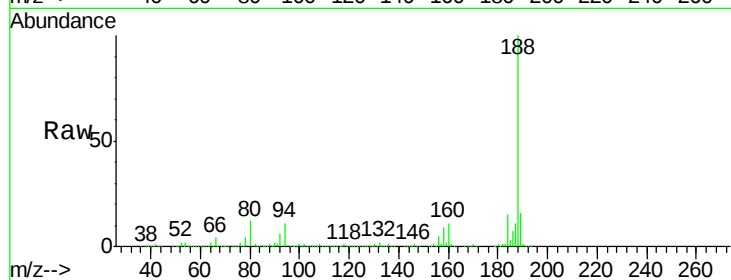
Tot Ion:188 Resp: 956660

Ion Ratio Lower Upper

188 100

94 10.8 9.2 13.8

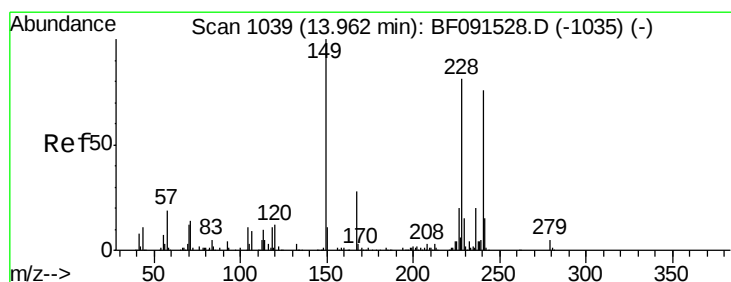
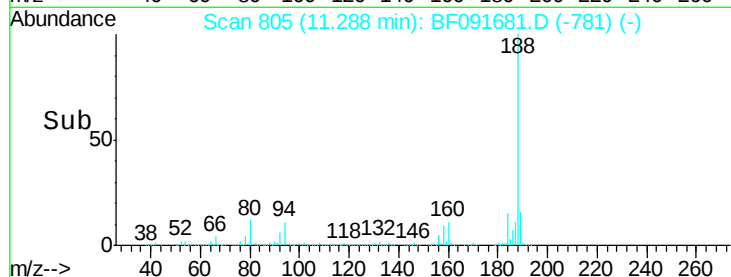
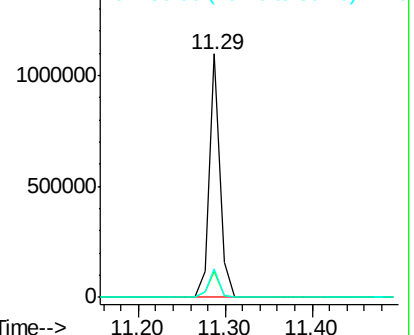
80 12.0 10.5 15.7



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.02 min

Lab File: BF091681.D

Acq: 16 Dec 2016 19:09

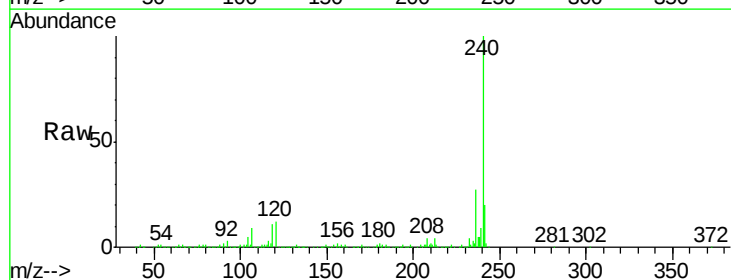
Tgt Ion:240 Resp: 474152

Ion Ratio Lower Upper

240 100

120 12.2 12.1 18.1

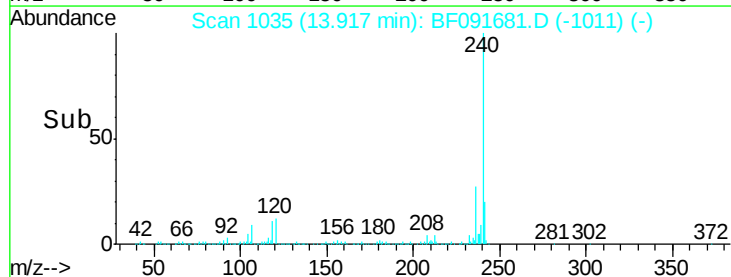
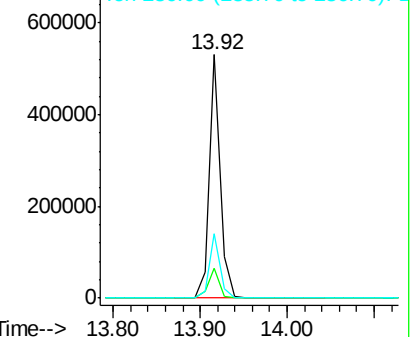
236 26.6 21.0 31.6

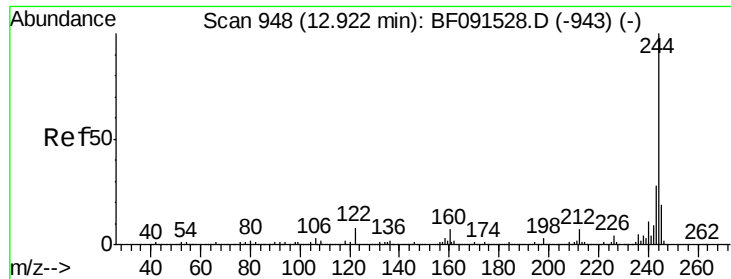


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 77.51 ng

RT: 12.88 min Scan# 944

Delta R.T. -0.02 min

Lab File: BF091681.D

Acq: 16 Dec 2016 19:09

Instrument :

BNA_F

ClientSampleId :

SS02-1FT

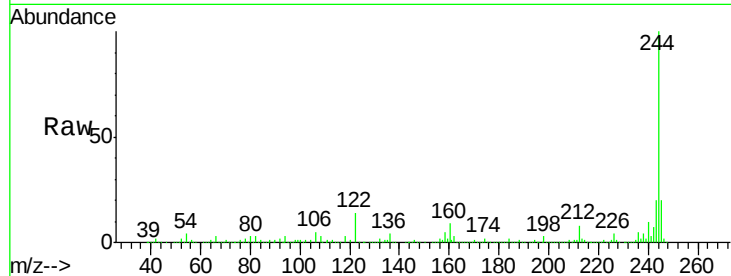
Tot Ion:244 Resp: 1619658

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

122 13.7 9.5 14.3



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

12.88

1500000

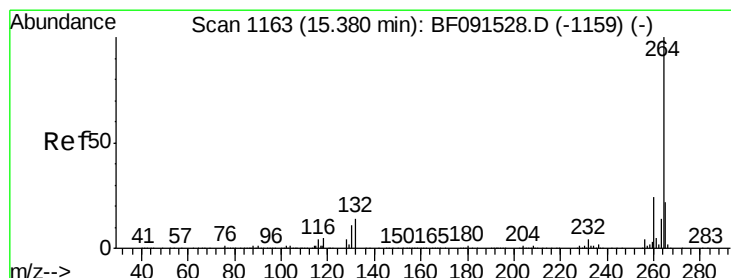
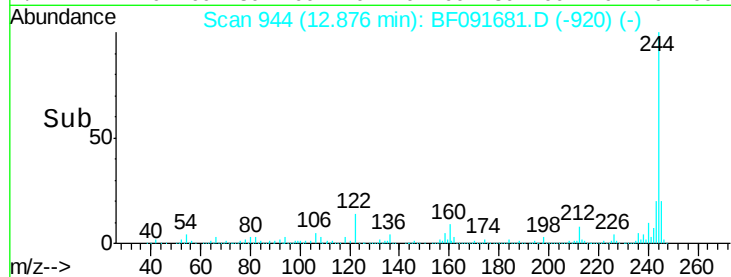
1000000

500000

0

Time-->

12.80 13.00



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.32 min Scan# 1158

Delta R.T. -0.02 min

Lab File: BF091681.D

Acq: 16 Dec 2016 19:09

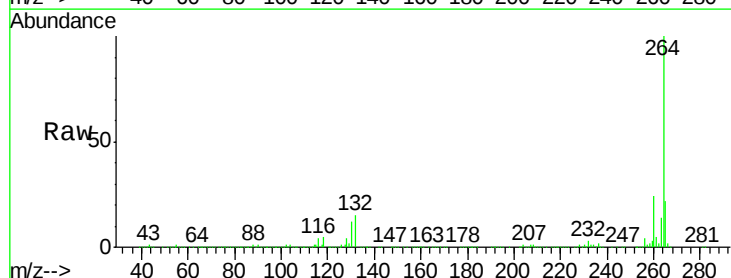
Tgt Ion:264 Resp: 583267

Ion Ratio Lower Upper

264 100

260 24.4 18.8 28.2

265 21.8 17.0 25.6



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

15.32

600000

500000

400000

300000

200000

100000

0

Time-->

15.20 15.40

