

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091517\
 Data File : BG028787.D
 Acq On : 16 Sep 2017 5:22
 Operator : SJ/JU
 Sample : I5187-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20170603-COMP-D

Quant Time: Sep 16 06:46:15 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

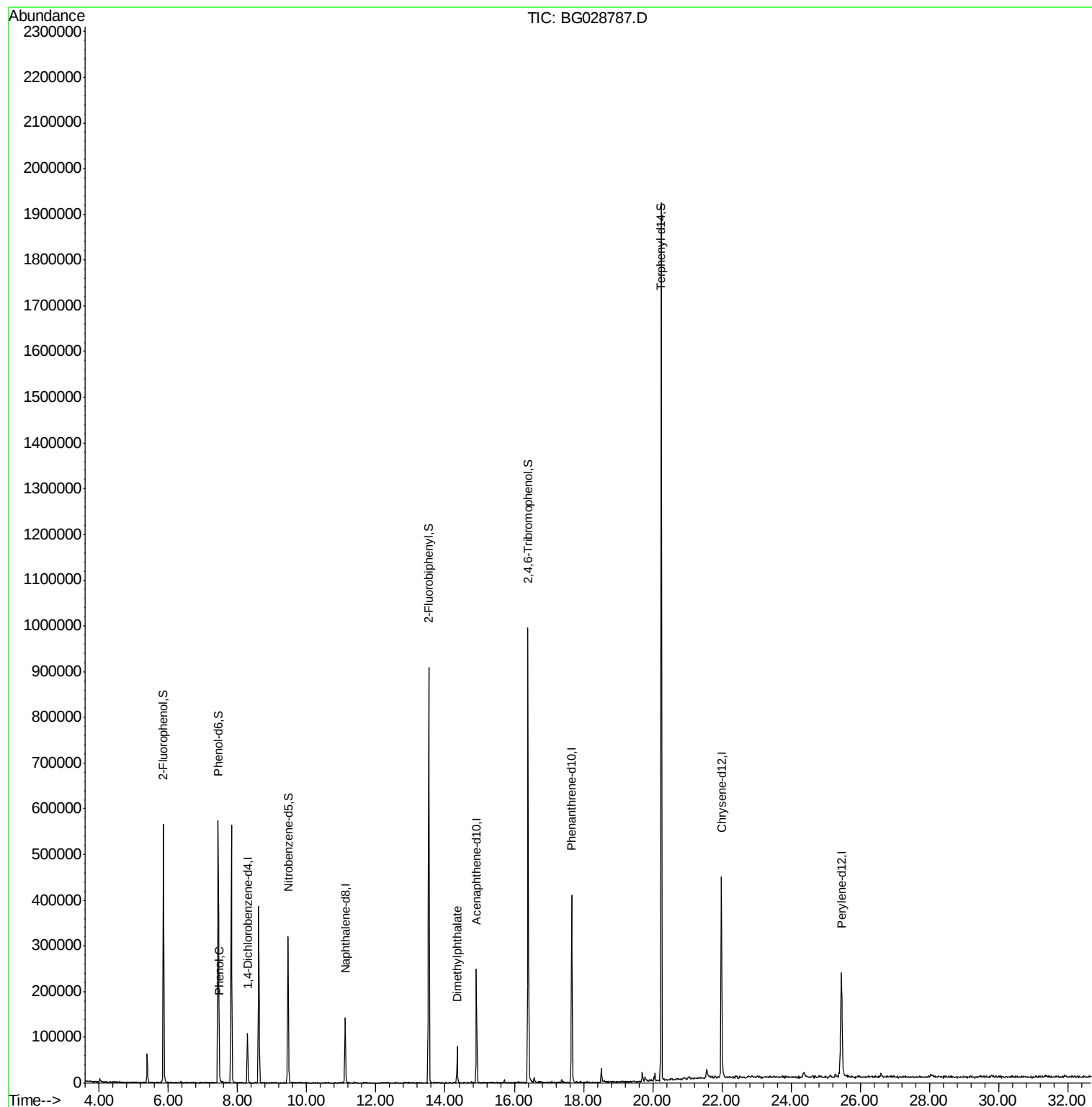
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	30620	20.00	ng	-0.04
21) Naphthalene-d8	11.11	136	121821	20.00	ng	-0.04
38) Acenaphthene-d10	14.91	164	92007	20.00	ng	-0.04
63) Phenanthrene-d10	17.66	188	261773	20.00	ng	-0.03
75) Chrysene-d12	21.99	240	297958	20.00	ng	-0.05
86) Perylene-d12	25.45	264	305190	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	244458	131.73	ng	-0.05
7) Phenol-d6	7.44	99	341238	122.13	ng	-0.05
23) Nitrobenzene-d5	9.46	82	210365	82.61	ng	-0.05
41) 2,4,6-Tribromophenol	16.40	330	218002	143.26	ng	-0.04
44) 2-Fluorobiphenyl	13.53	172	511777	74.17	ng	-0.03
78) Terphenyl-d14	20.25	244	918926	65.77	ng	-0.03
Target Compounds						
10) Phenol	7.47	94	8421	2.856	ng	Qvalue 86
49) Dimethylphthalate	14.35	163	55844	7.238	ng	# 97

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

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091517\
Data File : BG028787.D
Acq On : 16 Sep 2017 5:22
Operator : SJ/JU
Sample : I5187-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20170603-COMP-D

Quant Time: Sep 16 06:46:15 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.29 min Scan# 800

Delta R.T. -0.04 min

Lab File: BG028787.D

Acq: 16 Sep 2017 5:22

Instrument :

BNA_G

ClientSampleId :

20170603-COMP-D

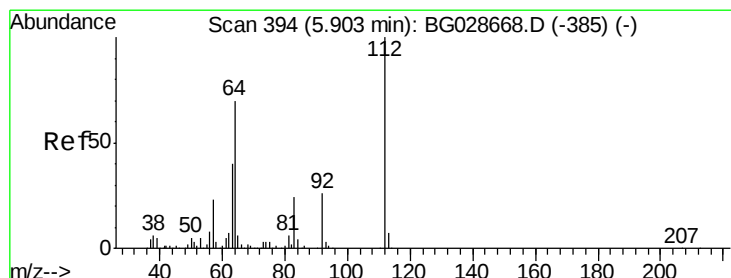
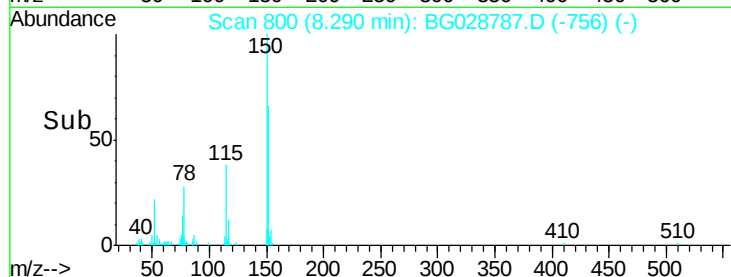
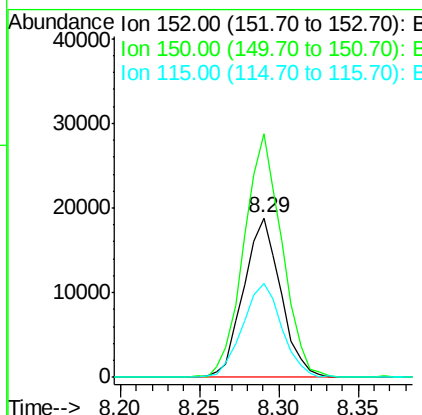
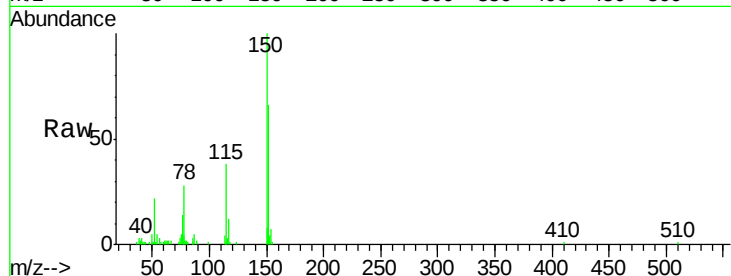
Tgt Ion:152 Resp: 30620

Ion Ratio Lower Upper

152 100

150 152.4 114.0 171.0

115 58.4 48.1 72.1



#5

2-Fluorophenol

Concen: 131.733 ng

RT: 5.86 min Scan# 386

Delta R.T. -0.05 min

Lab File: BG028787.D

Acq: 16 Sep 2017 5:22

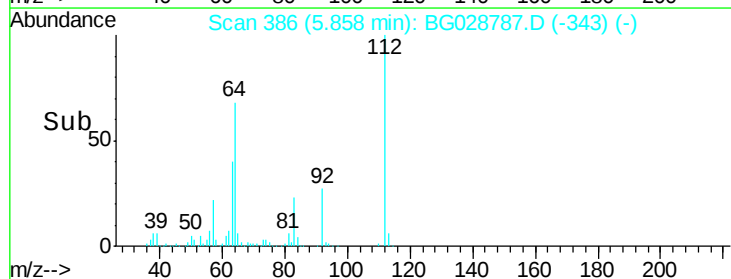
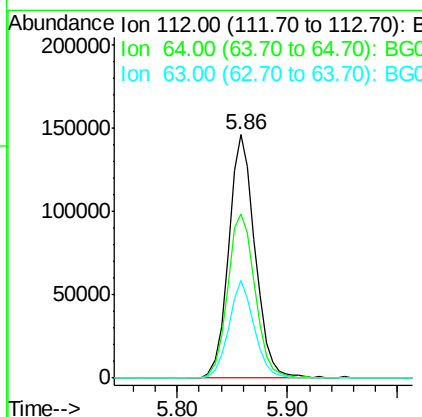
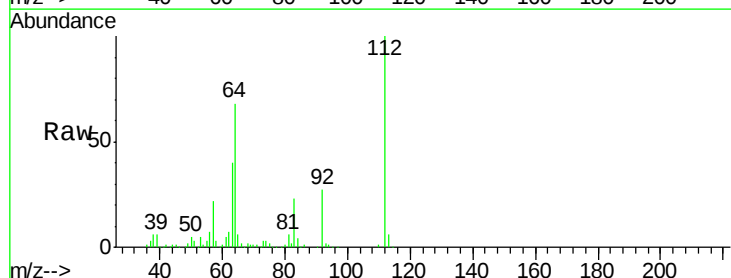
Tgt Ion:112 Resp: 244458

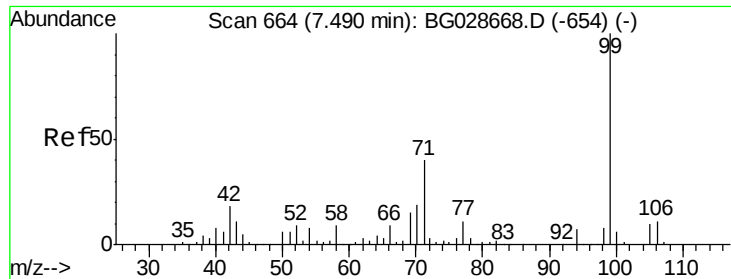
Ion Ratio Lower Upper

112 100

64 67.7 61.8 92.6

63 40.0 37.2 55.8





#7

Phenol-d6

Concen: 122.133 ng

RT: 7.44 min Scan# 656

Delta R.T. -0.05 min

Lab File: BG028787.D

Acq: 16 Sep 2017 5:22

Instrument :

BNA_G

ClientSampleId :

20170603-COMP-D

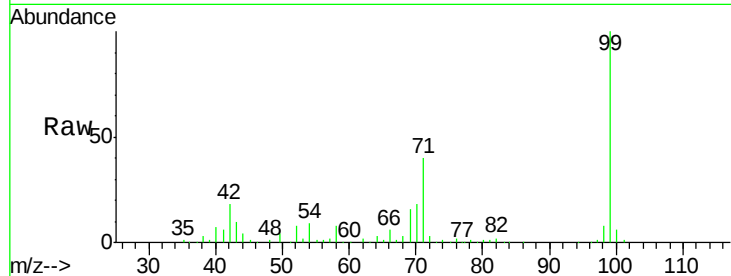
Tgt Ion: 99 Resp: 341238

Ion Ratio Lower Upper

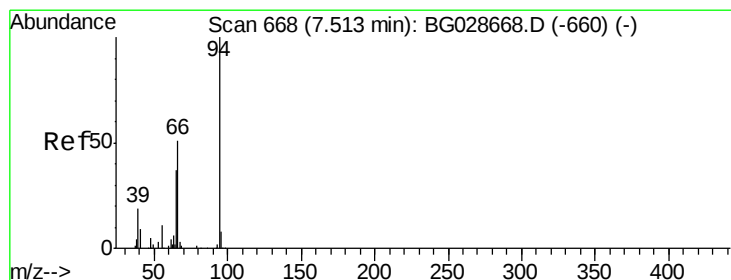
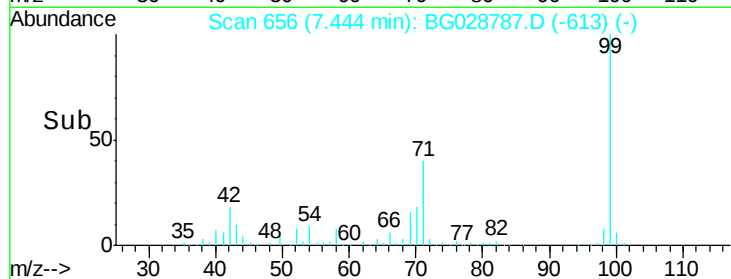
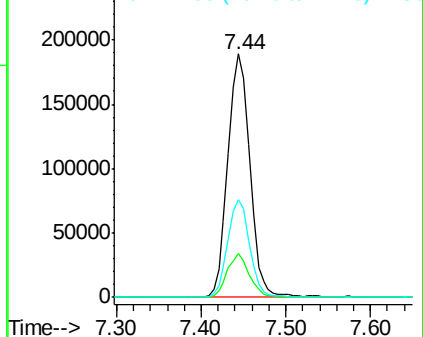
99 100

42 18.1 20.5 30.7#

71 40.1 37.6 56.4



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#10

Phenol

Concen: 2.856 ng

RT: 7.47 min Scan# 661

Delta R.T. -0.04 min

Lab File: BG028787.D

Acq: 16 Sep 2017 5:22

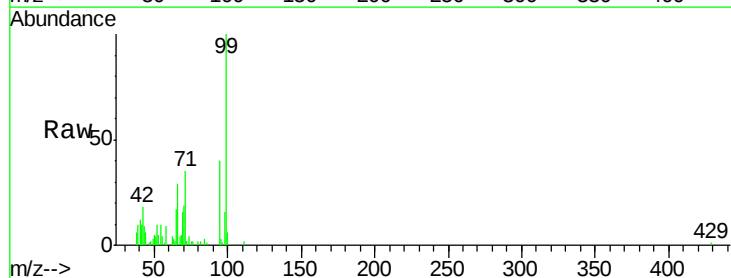
Tgt Ion: 94 Resp: 8421

Ion Ratio Lower Upper

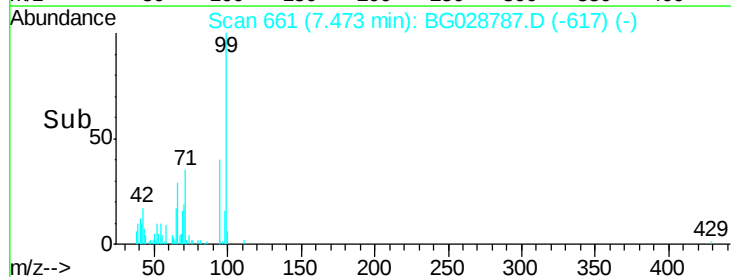
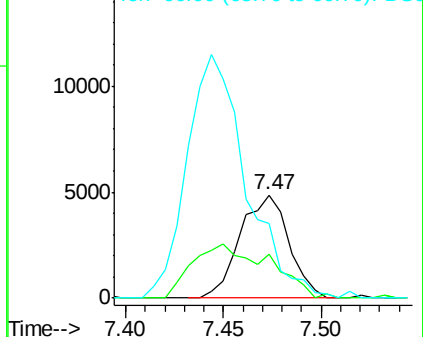
94 100

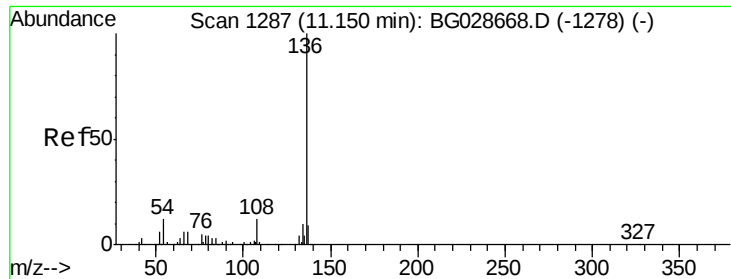
65 42.1 20.6 60.6

66 71.9 35.5 75.5



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

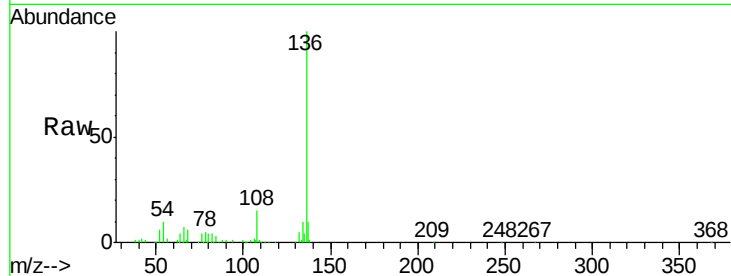




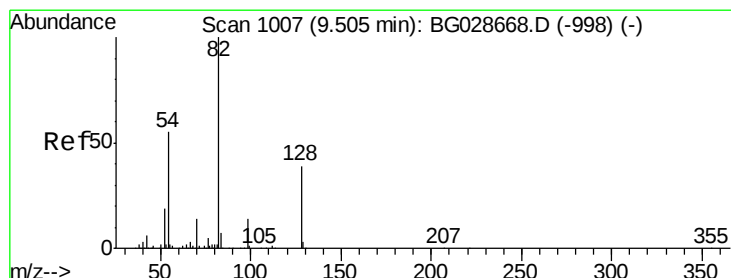
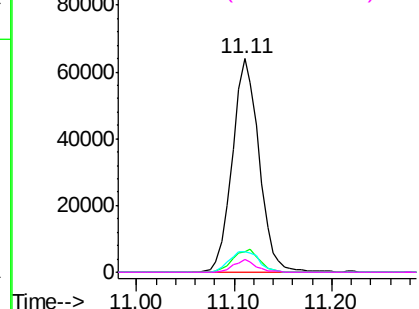
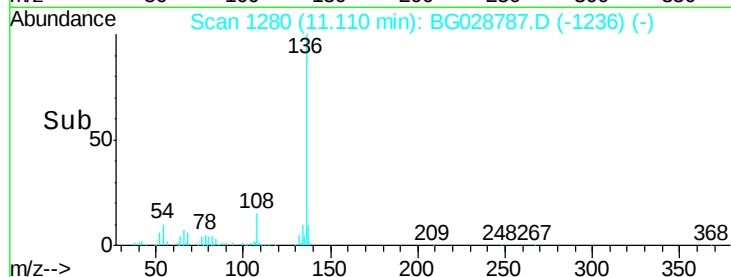
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.11 min Scan# 1280
Delta R.T. -0.04 min
Lab File: BG028787.D
Acq: 16 Sep 2017 5:22

Instrument :
BNA_G
ClientSampleId :
20170603-COMP-D

Tgt Ion:	136	Resp:	121821
Ion	Ratio	Lower	Upper
136	100		
137	9.8	8.9	13.3
54	9.5	9.3	13.9
68	5.8	5.1	7.7

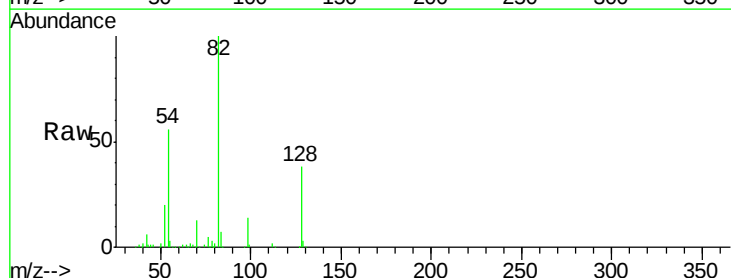


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

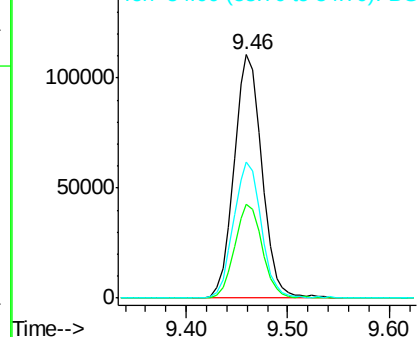
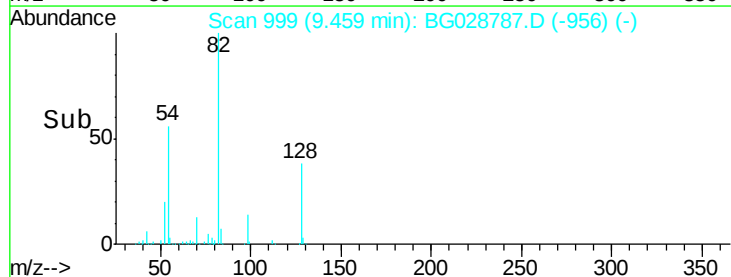


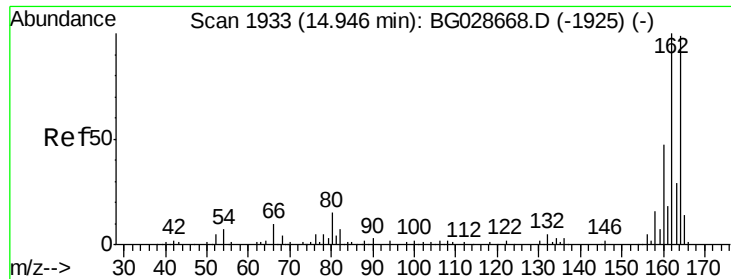
#23
Nitrobenzene-d5
Concen: 82.607 ng
RT: 9.46 min Scan# 999
Delta R.T. -0.05 min
Lab File: BG028787.D
Acq: 16 Sep 2017 5:22

Tgt Ion:	82	Resp:	210365
Ion	Ratio	Lower	Upper
82	100		
128	38.5	26.4	39.6
54	56.1	49.4	74.2



Abundance Ion 82.00 (81.70 to 82.70): B
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): B





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.91 min Scan# 1926

Delta R.T. -0.04 min

Lab File: BG028787.D

Acq: 16 Sep 2017 5:22

Instrument :

BNA_G

ClientSampleId :

20170603-COMP-D

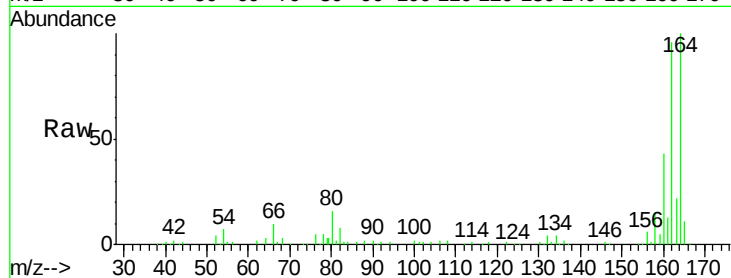
Tgt Ion:164 Resp: 92007

Ion Ratio Lower Upper

164 100

162 95.5 85.1 127.7

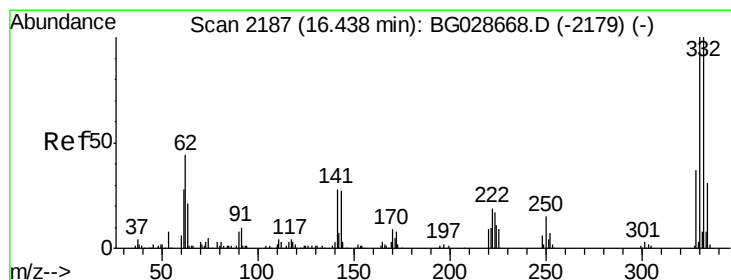
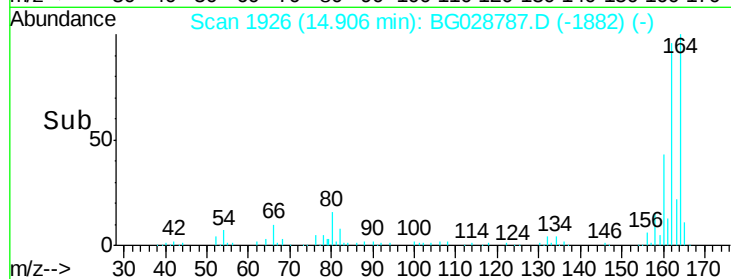
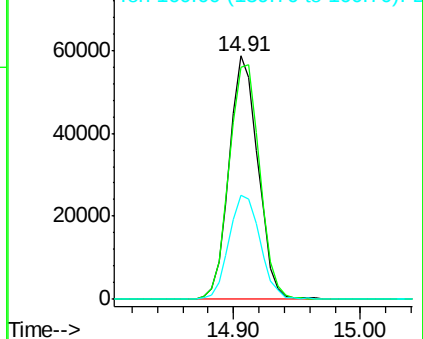
160 42.5 34.7 52.1



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: 143.258 ng

RT: 16.40 min Scan# 2180

Delta R.T. -0.04 min

Lab File: BG028787.D

Acq: 16 Sep 2017 5:22

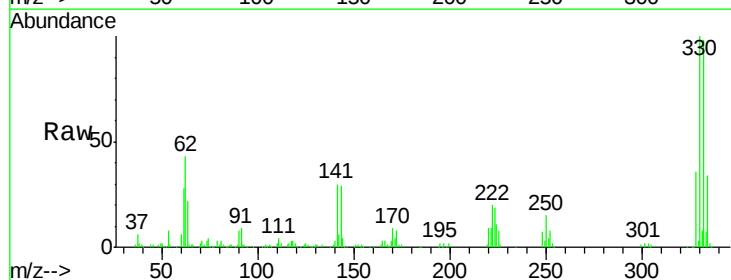
Tgt Ion:330 Resp: 218002

Ion Ratio Lower Upper

330 100

332 96.2 77.3 115.9

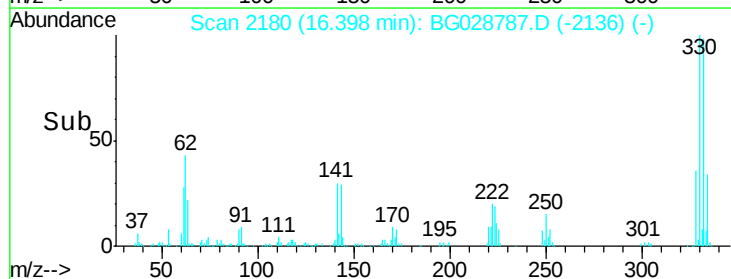
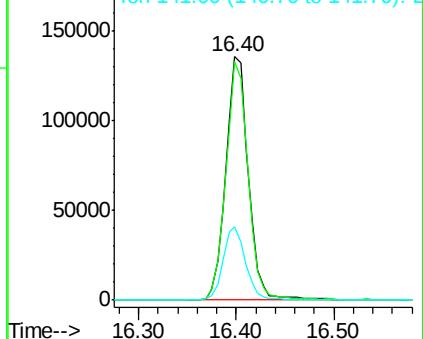
141 30.0 32.1 48.1#

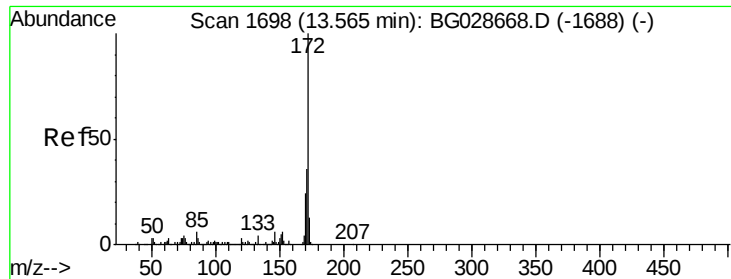


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

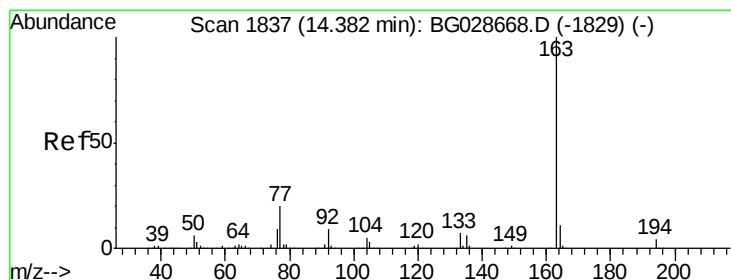
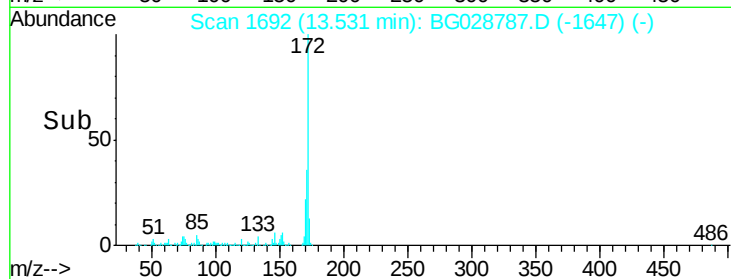
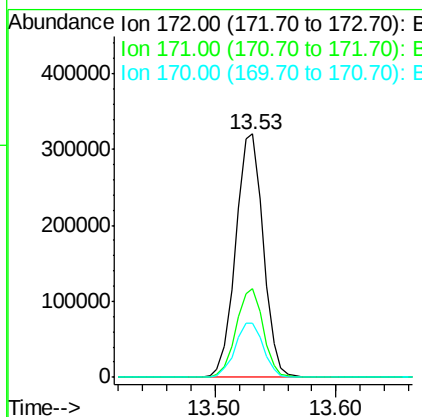
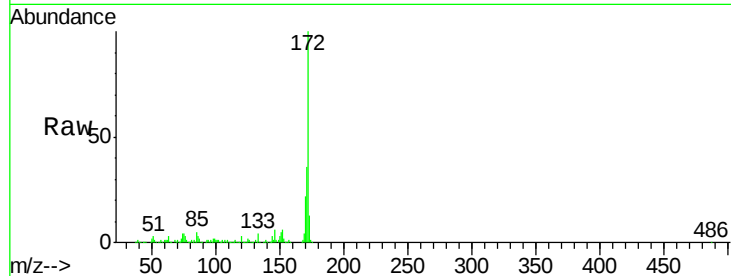




#44
2-Fluorobiphenyl
Concen: 74.170 ng
RT: 13.53 min Scan# 1692
Delta R.T. -0.03 min
Lab File: BG028787.D
Acq: 16 Sep 2017 5:22

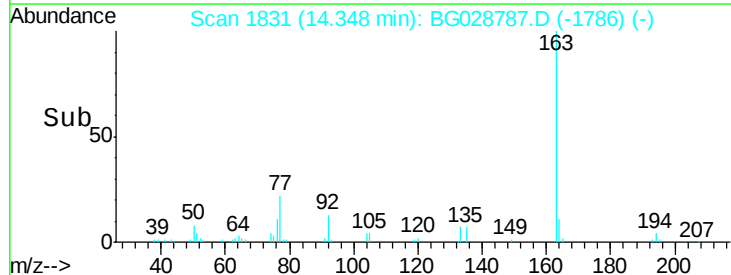
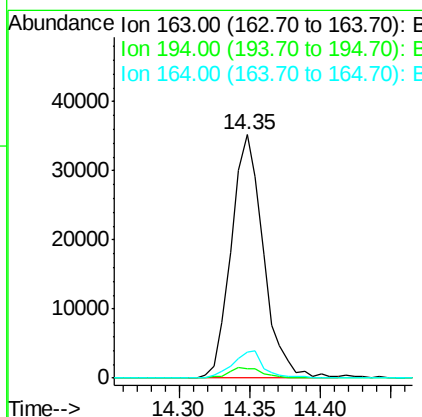
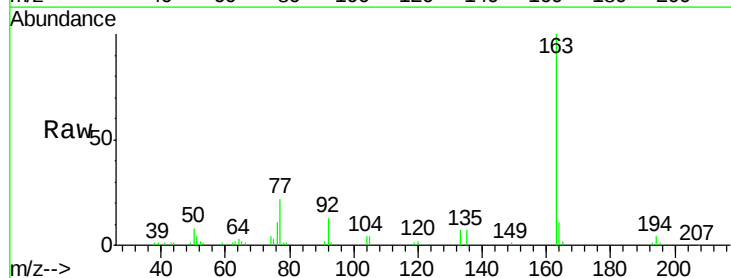
Instrument :
BNA_G
ClientSampleId :
20170603-COMP-D

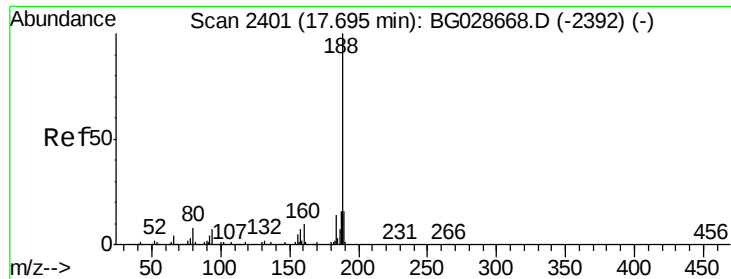
Tgt Ion:172 Resp: 511777
Ion Ratio Lower Upper
172 100
171 36.2 32.2 48.2
170 22.4 21.8 32.6



#49
Dimethylphthalate
Concen: 7.238 ng
RT: 14.35 min Scan# 1831
Delta R.T. -0.03 min
Lab File: BG028787.D
Acq: 16 Sep 2017 5:22

Tgt Ion:163 Resp: 55844
Ion Ratio Lower Upper
163 100
194 3.7 3.8 5.6#
164 10.5 9.3 13.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.66 min Scan# 2395

Delta R.T. -0.03 min

Lab File: BG028787.D

Acq: 16 Sep 2017 5:22

Instrument :

BNA_G

ClientSampleId :

20170603-COMP-D

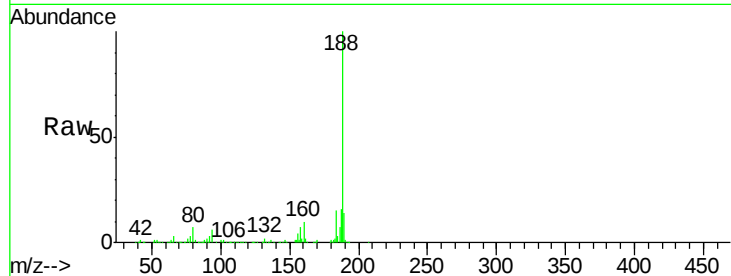
Tgt Ion:188 Resp: 261773

Ion Ratio Lower Upper

188 100

94 5.7 5.8 8.8#

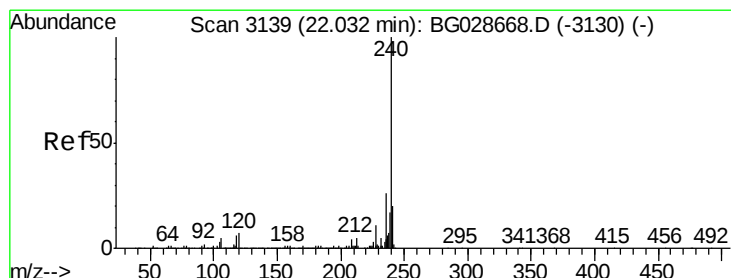
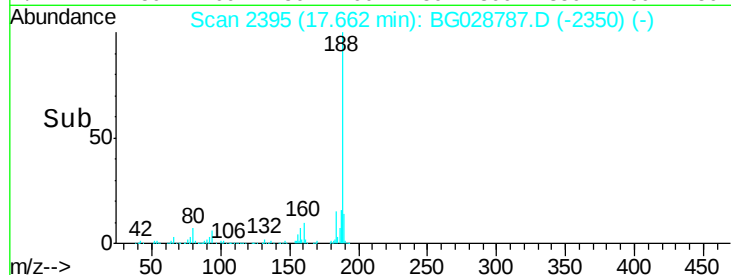
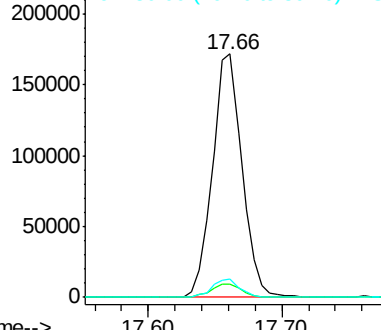
80 7.4 7.5 11.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.99 min Scan# 3131

Delta R.T. -0.05 min

Lab File: BG028787.D

Acq: 16 Sep 2017 5:22

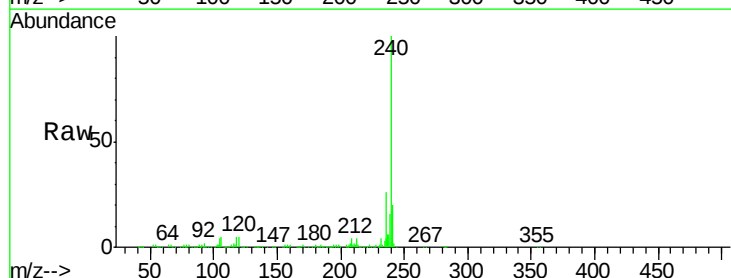
Tgt Ion:240 Resp: 297958

Ion Ratio Lower Upper

240 100

120 5.2 5.7 8.5#

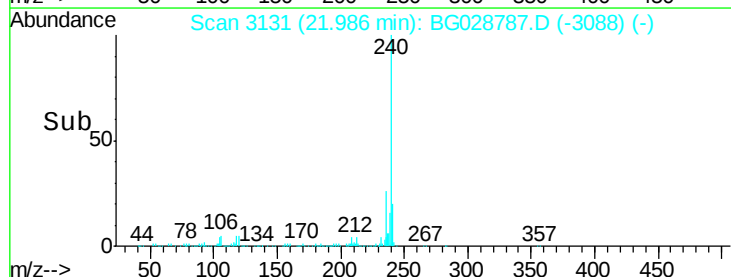
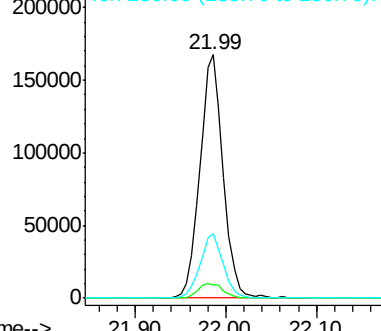
236 26.3 22.2 33.4

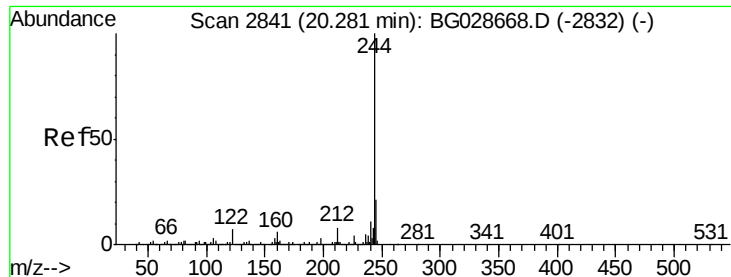


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 65.770 ng

RT: 20.25 min Scan# 2835

Delta R.T. -0.03 min

Lab File: BG028787.D

Acq: 16 Sep 2017 5:22

Instrument :

BNA_G

ClientSampleId :

20170603-COMP-D

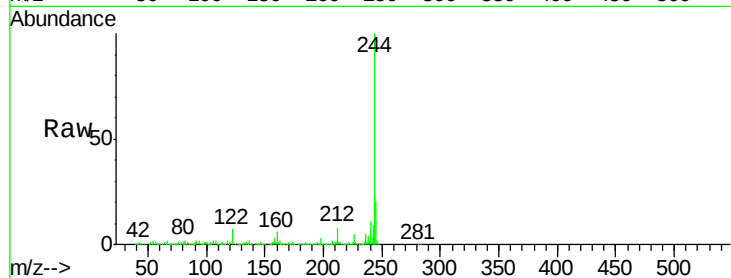
Tgt Ion:244 Resp: 918926

Ion Ratio Lower Upper

244 100

212 7.7 10.0 15.0#

122 6.9 8.6 12.8#



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

800000

600000

400000

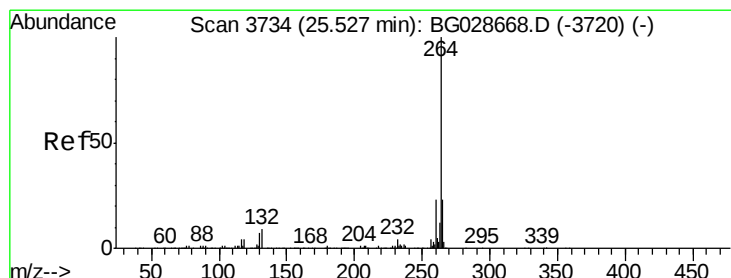
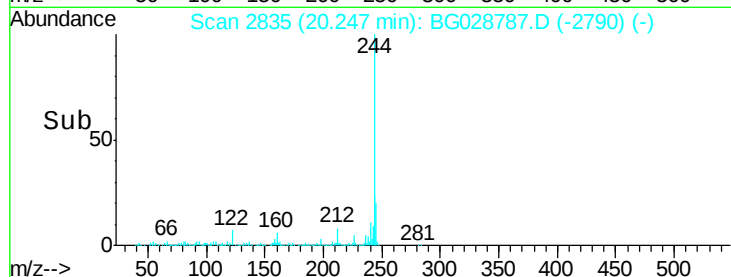
200000

0

20.25

20.30

Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.45 min Scan# 3721

Delta R.T. -0.08 min

Lab File: BG028787.D

Acq: 16 Sep 2017 5:22

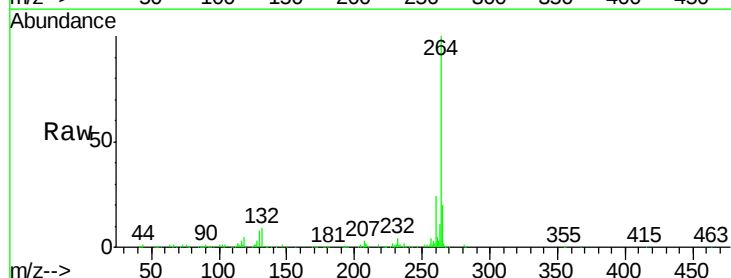
Tgt Ion:264 Resp: 305190

Ion Ratio Lower Upper

264 100

260 23.9 21.8 32.8

265 20.4 18.2 27.4



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

120000

100000

80000

60000

40000

20000

0

25.45

25.60

Time-->

