

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061716\
 Data File : BG022406.D
 Acq On : 18 Jun 2016 3:14
 Operator : UM/SJ
 Sample : H3514-09
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S5-B200-C

Quant Time: Jun 18 04:20:28 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 17:40:23 2016
 Response via : Initial Calibration

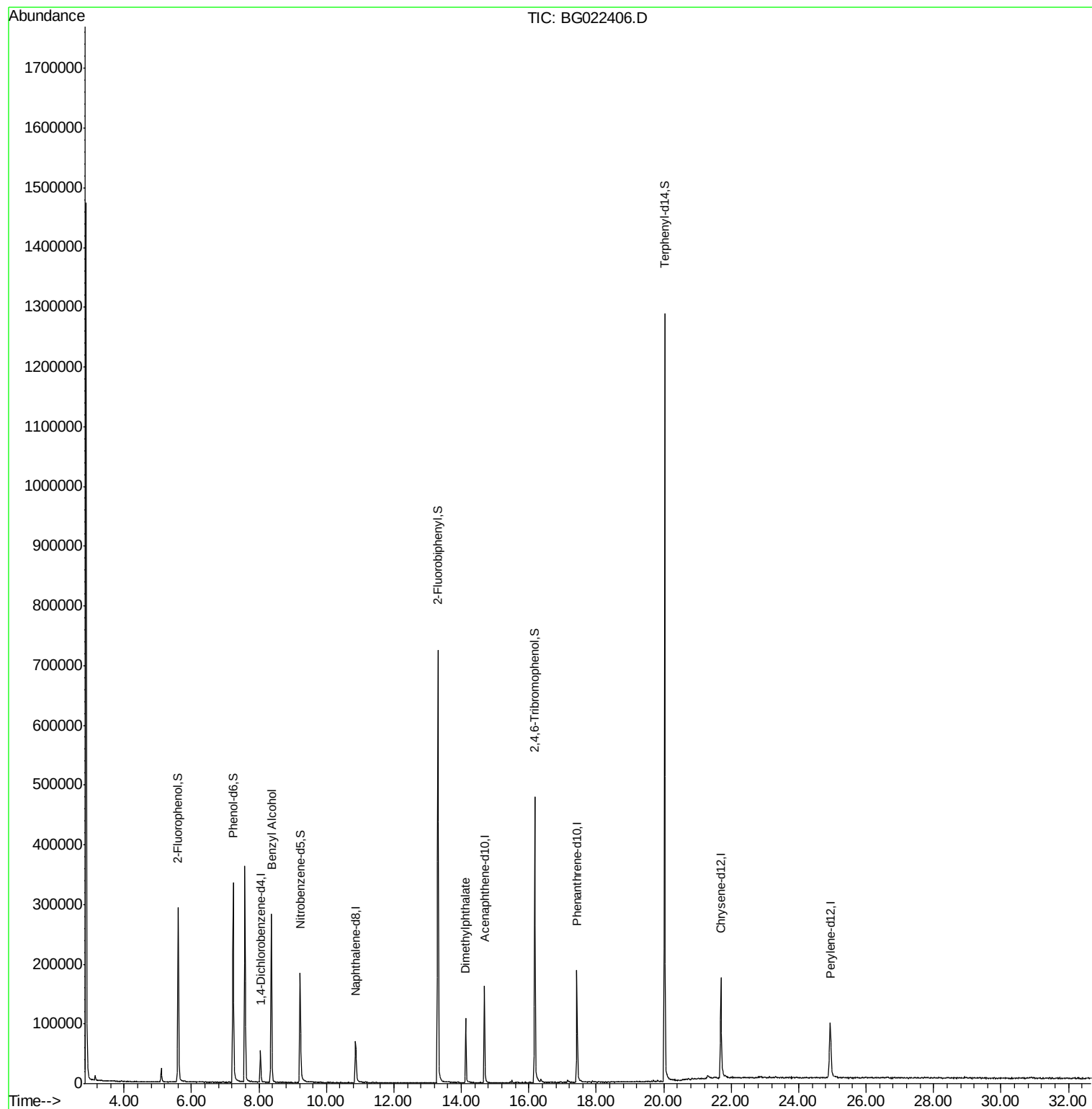
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	20380	20.00	ng	-0.05
21) Naphthalene-d8	10.86	136	94959	20.00	ng	-0.04
38) Acenaphthene-d10	14.68	164	63268	20.00	ng	-0.04
63) Phenanthrene-d10	17.43	188	141348	20.00	ng	-0.04
75) Chrysene-d12	21.69	240	127423	20.00	ng	-0.05
86) Perylene-d12	24.94	264	112277	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	203109	192.69	ng	-0.03
7) Phenol-d6	7.23	99	298725	180.25	ng	-0.02
23) Nitrobenzene-d5	9.22	82	159380	117.01	ng	-0.04
41) 2,4,6-Tribromophenol	16.18	330	102584	143.49	ng	-0.04
44) 2-Fluorobiphenyl	13.30	172	438058	105.52	ng	-0.04
78) Terphenyl-d14	20.02	244	589954	109.92	ng	-0.04
Target Compounds						
15) Benzyl Alcohol	8.36	79	2312	2.16	ng	Qvalue # 46
49) Dimethylphthalate	14.13	163	97285	18.55	ng	99

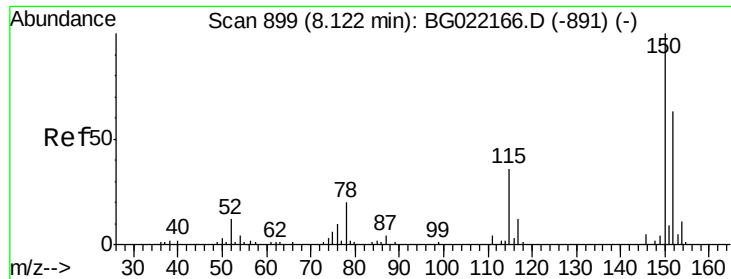
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.04 min Scan# 886

Delta R.T. -0.05 min

Lab File: BG022406.D

Acq: 18 Jun 2016 3:14

Instrument :

BNA_G

ClientSampleId :

S5-B200-C

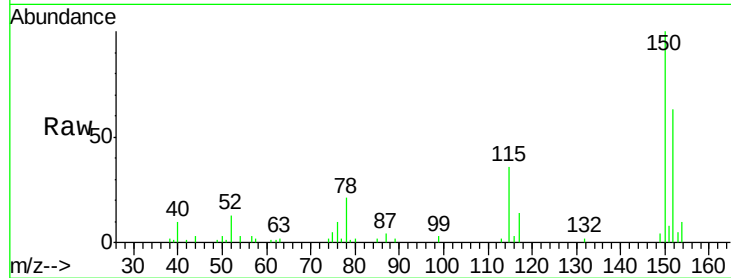
Tgt Ion:152 Resp: 20380

Ion Ratio Lower Upper

152 100

150 160.0 130.1 195.1

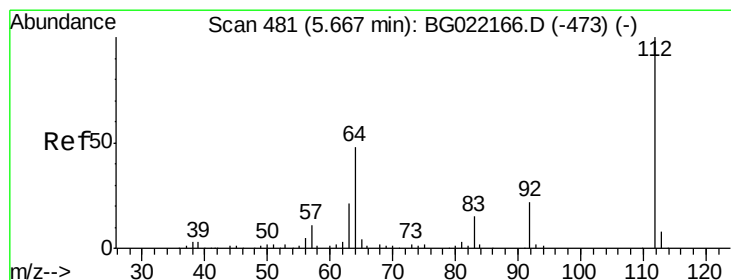
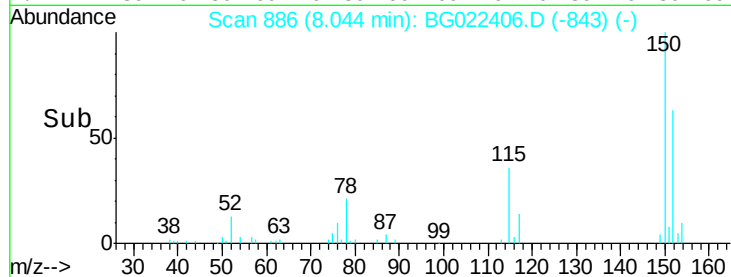
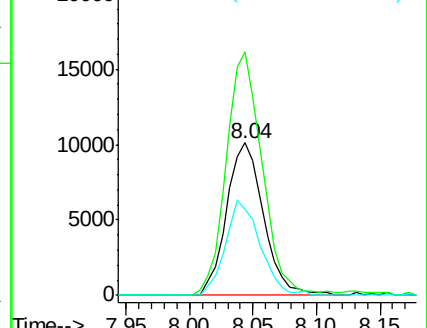
115 56.8 62.2 93.2#



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: 192.69 ng

RT: 5.61 min Scan# 471

Delta R.T. -0.03 min

Lab File: BG022406.D

Acq: 18 Jun 2016 3:14

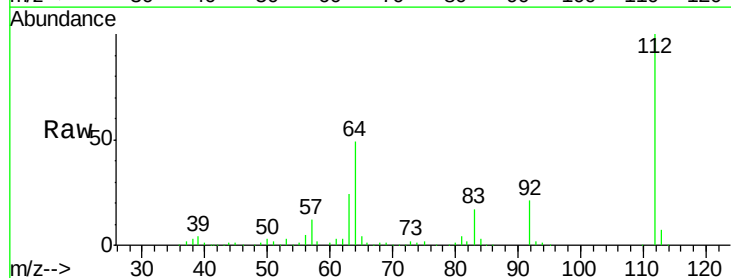
Tgt Ion:112 Resp: 203109

Ion Ratio Lower Upper

112 100

64 49.3 51.1 76.7#

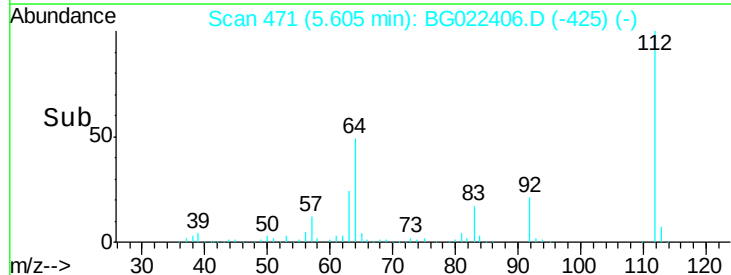
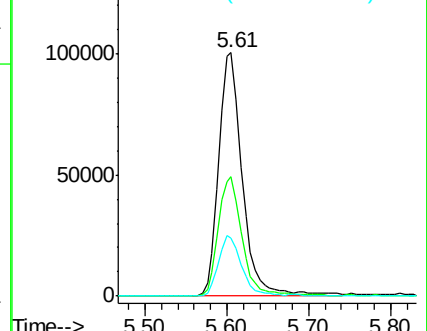
63 23.7 24.6 37.0#

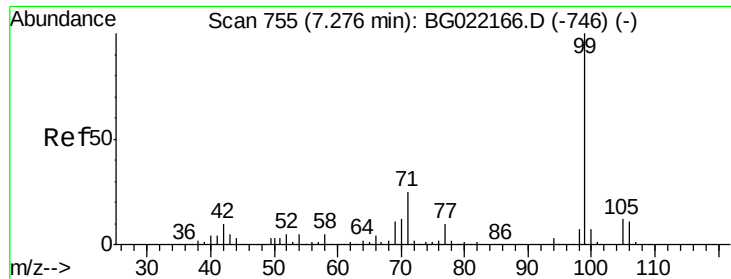


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 180.25 ng

RT: 7.23 min Scan# 748

Delta R.T. -0.02 min

Lab File: BG022406.D

Acq: 18 Jun 2016 3:14

Instrument :

BNA_G

ClientSampleId :

S5-B200-C

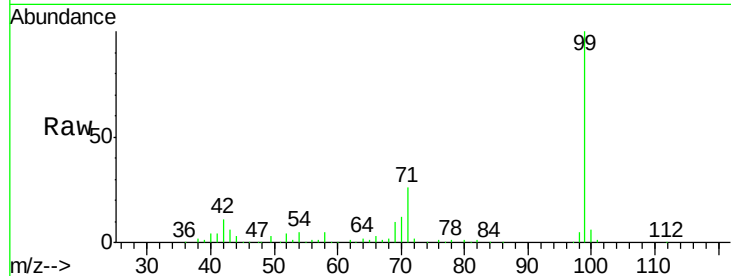
Tgt Ion: 99 Resp: 298725

Ion Ratio Lower Upper

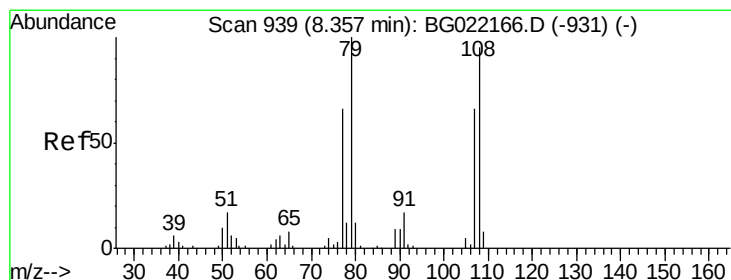
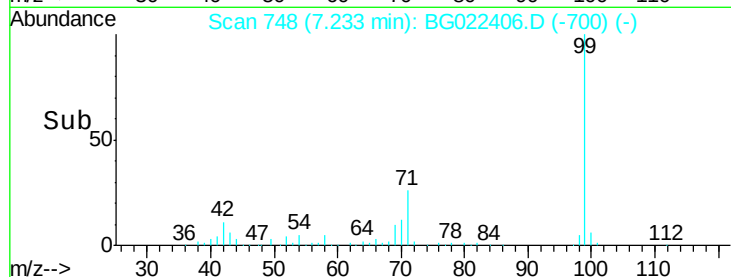
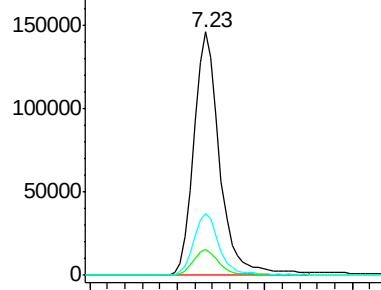
99 100

42 10.7 16.4 24.6#

71 25.5 25.0 37.4



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



#15

Benzyl Alcohol

Concen: 2.16 ng

RT: 8.36 min Scan# 940

Delta R.T. 0.03 min

Lab File: BG022406.D

Acq: 18 Jun 2016 3:14

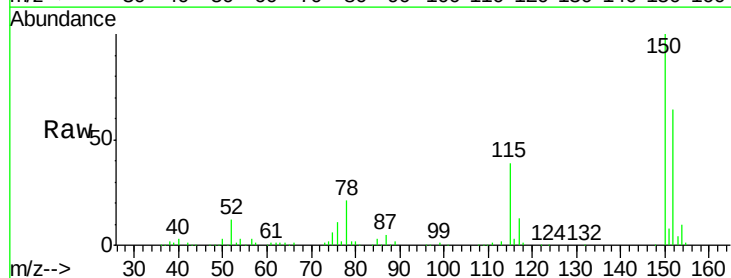
Tgt Ion: 79 Resp: 2312

Ion Ratio Lower Upper

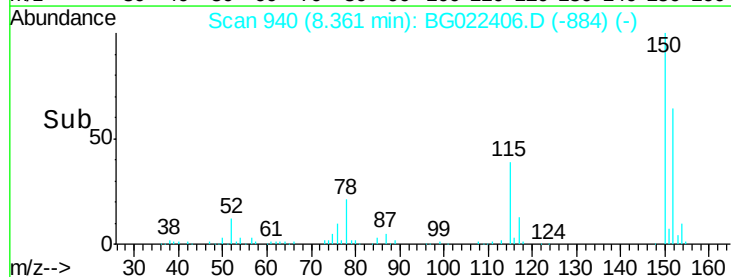
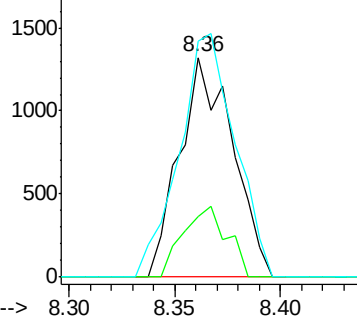
79 100

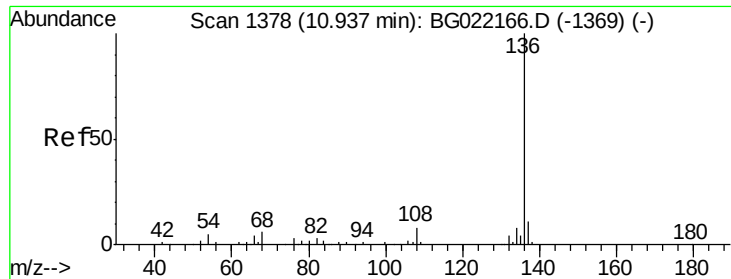
108 27.5 59.4 89.0#

77 107.4 52.2 78.2#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

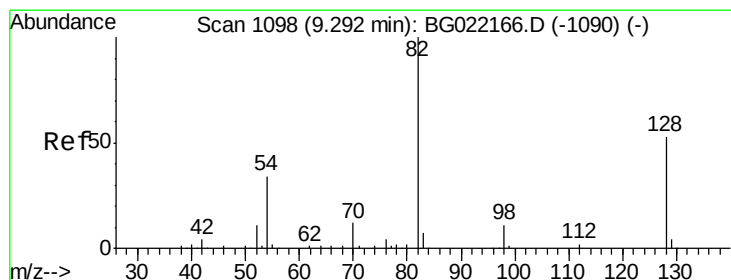
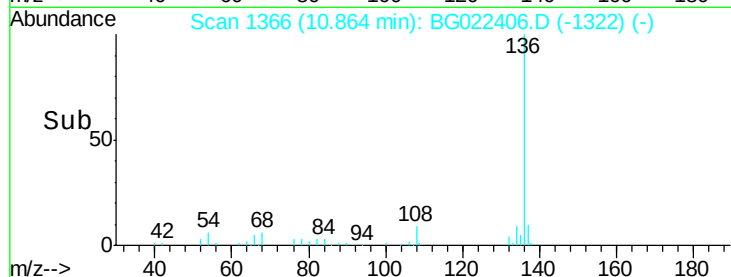
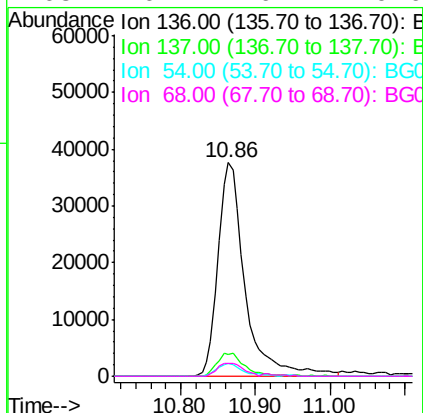
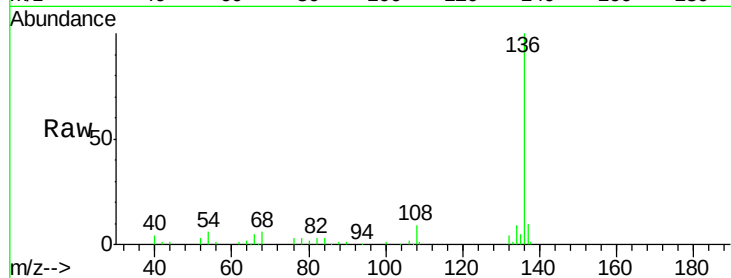




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.86 min Scan# 1366
Delta R.T. -0.04 min
Lab File: BG022406.D
Acq: 18 Jun 2016 3:14

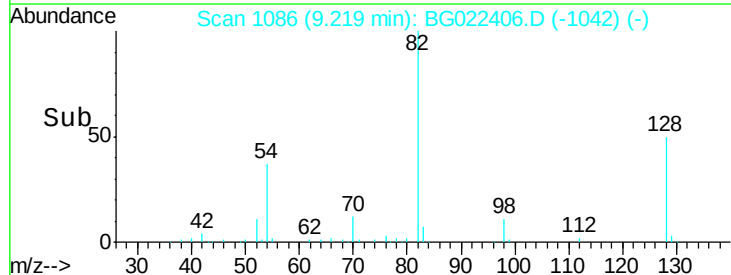
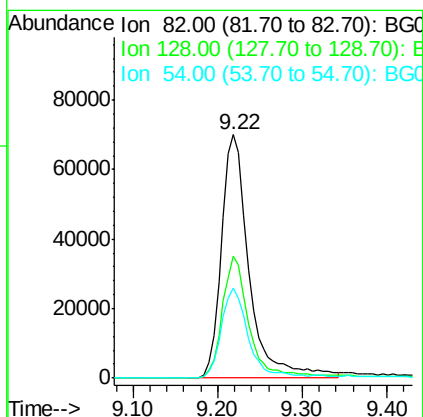
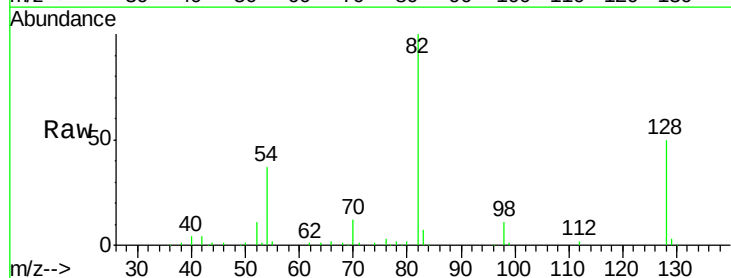
Instrument :
BNA_G
ClientSampleId :
S5-B200-C

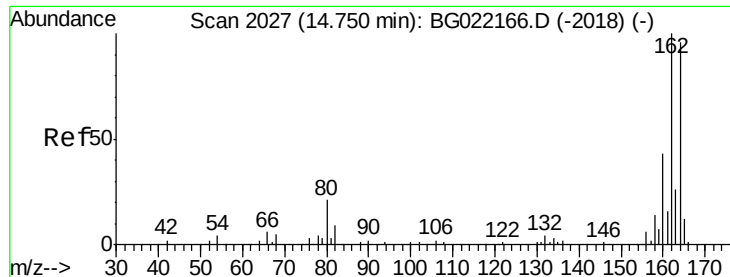
Tgt Ion:	136	Resp:	94959
Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.0	13.4
54	6.3	9.6	14.4#
68	6.1	6.4	9.6#



#23
Nitrobenzene-d5
Concen: 117.01 ng
RT: 9.22 min Scan# 1086
Delta R.T. -0.04 min
Lab File: BG022406.D
Acq: 18 Jun 2016 3:14

Tgt Ion:	82	Resp:	159380
Ion	Ratio	Lower	Upper
82	100		
128	49.9	33.4	50.0
54	37.0	46.1	69.1#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.68 min Scan# 2016

Delta R.T. -0.04 min

Lab File: BG022406.D

Acq: 18 Jun 2016 3:14

Instrument :

BNA_G

ClientSampleId :

S5-B200-C

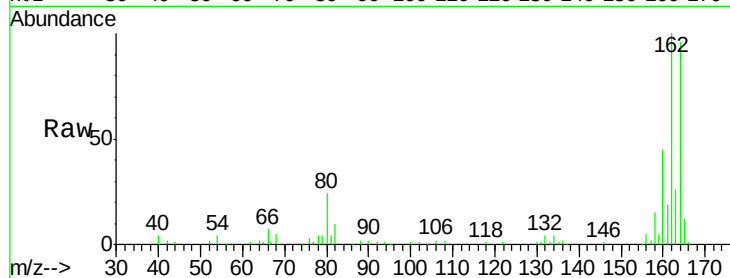
Tgt Ion:164 Resp: 63268

Ion Ratio Lower Upper

164 100

162 104.3 78.0 117.0

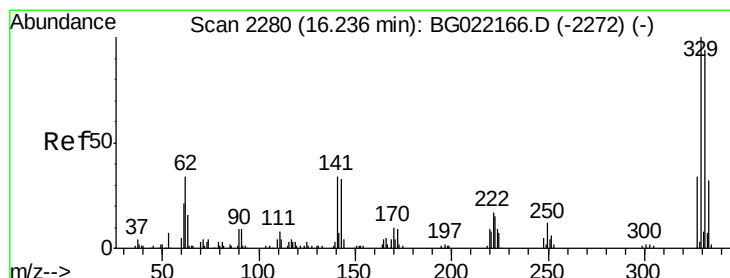
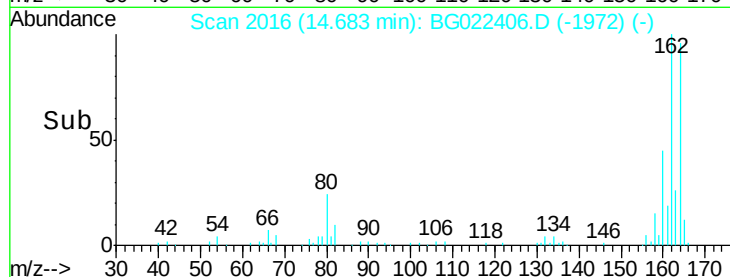
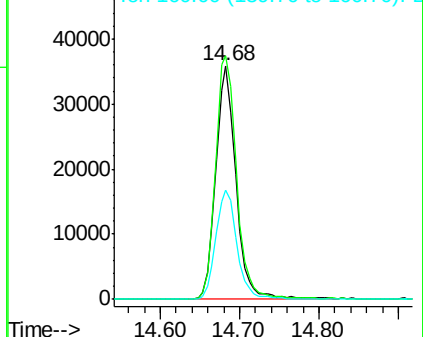
160 47.0 32.9 49.3



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: 143.49 ng

RT: 16.18 min Scan# 2270

Delta R.T. -0.04 min

Lab File: BG022406.D

Acq: 18 Jun 2016 3:14

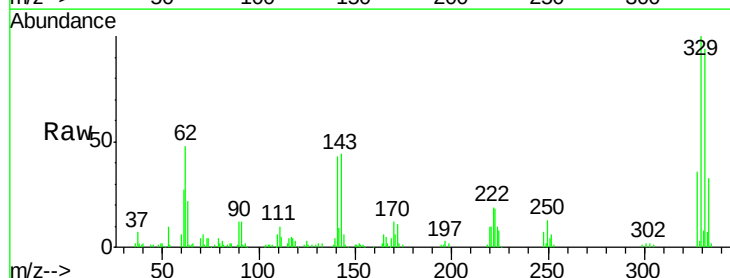
Tgt Ion:330 Resp: 102584

Ion Ratio Lower Upper

330 100

332 95.7 78.0 117.0

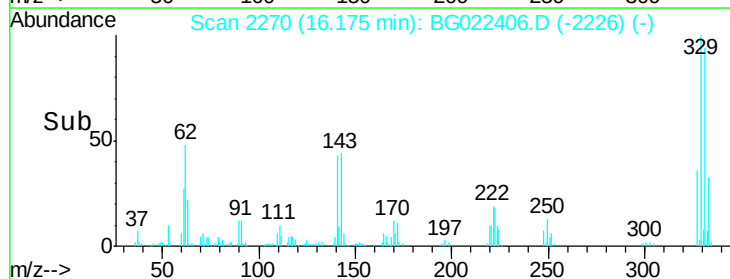
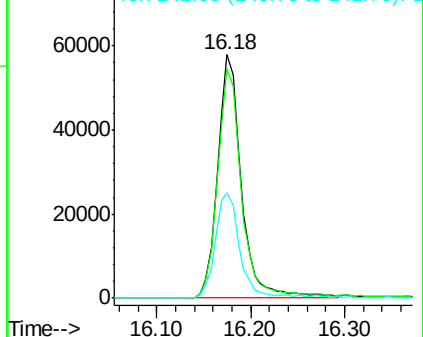
141 45.5 33.8 50.8

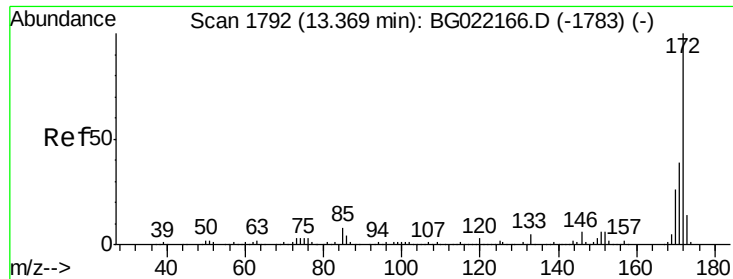


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

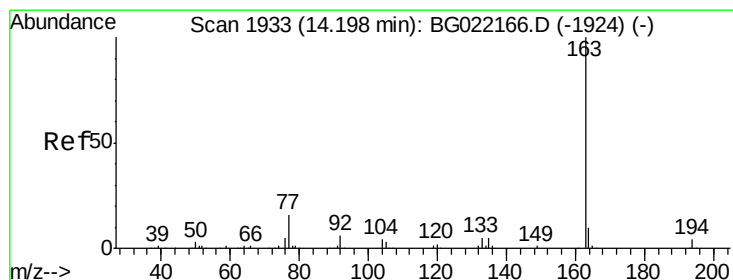
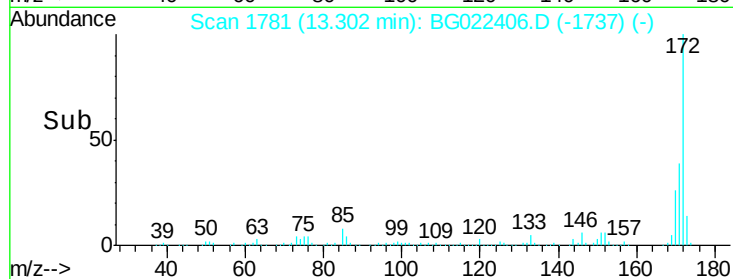
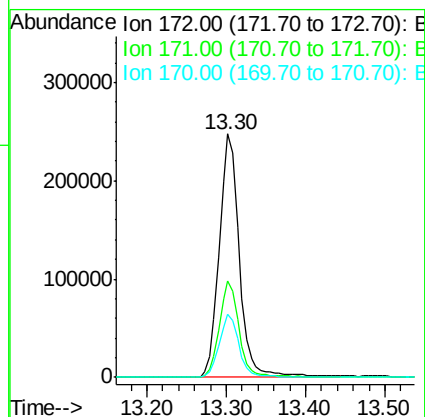
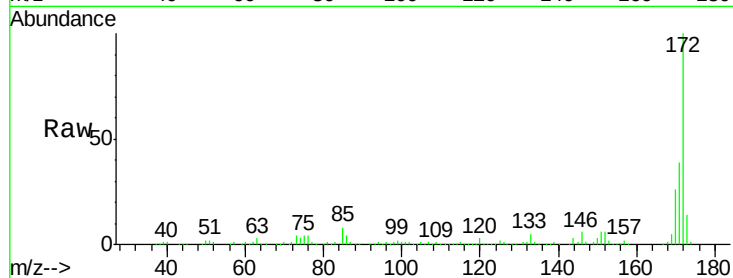




#44
 2-Fluorobiphenyl
 Concen: 105.52 ng
 RT: 13.30 min Scan# 1781
 Delta R.T. -0.04 min
 Lab File: BG022406.D
 Acq: 18 Jun 2016 3:14

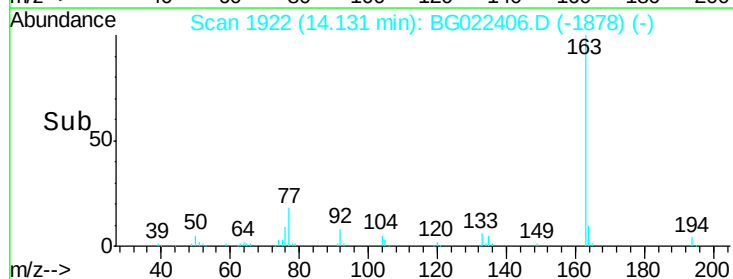
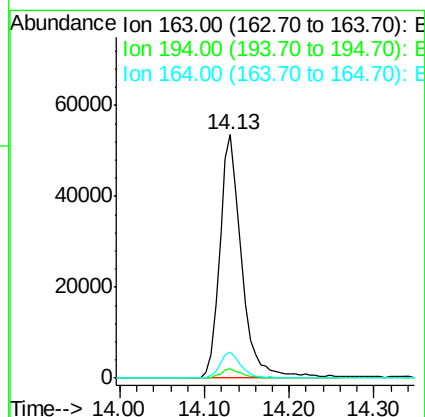
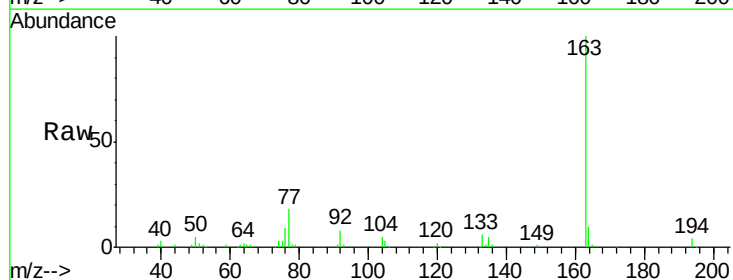
Instrument :
 BNA_G
 ClientSampleId :
 S5-B200-C

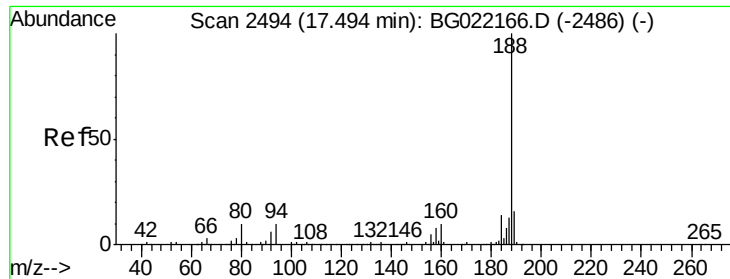
Tgt Ion:172 Resp: 438058
 Ion Ratio Lower Upper
 172 100
 171 39.4 27.8 41.6
 170 25.8 19.6 29.4



#49
 Dimethylphthalate
 Concen: 18.55 ng
 RT: 14.13 min Scan# 1922
 Delta R.T. -0.04 min
 Lab File: BG022406.D
 Acq: 18 Jun 2016 3:14

Tgt Ion:163 Resp: 97285
 Ion Ratio Lower Upper
 163 100
 194 3.9 3.0 4.6
 164 10.5 8.1 12.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.43 min Scan# 2483

Delta R.T. -0.04 min

Lab File: BG022406.D

Acq: 18 Jun 2016 3:14

Instrument :

BNA_G

ClientSampleId :

S5-B200-C

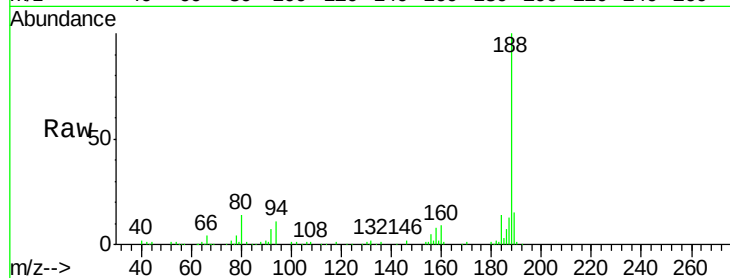
Tgt Ion:188 Resp: 141348

Ion Ratio Lower Upper

188 100

94 10.8 7.5 11.3

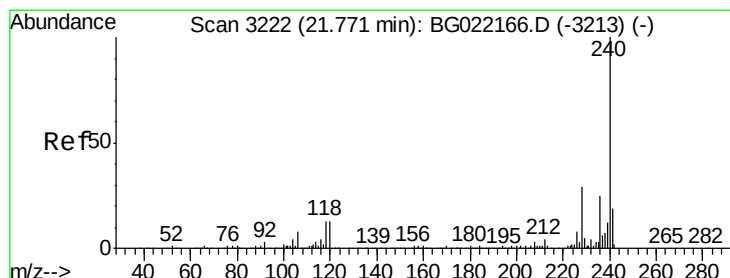
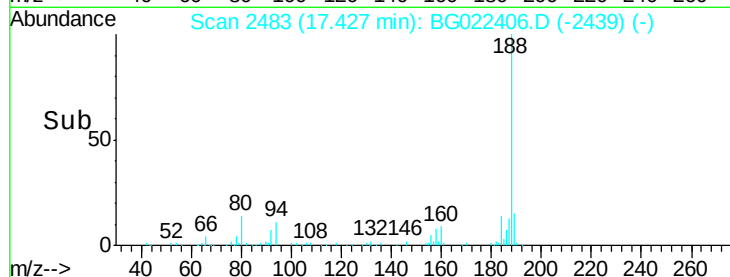
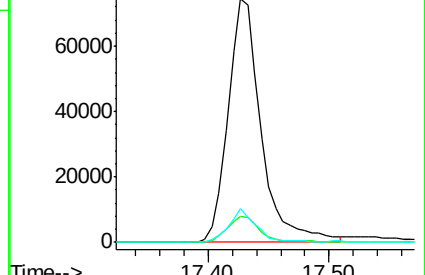
80 13.6 8.6 13.0#



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: 20.00 ng

RT: 21.69 min Scan# 3209

Delta R.T. -0.05 min

Lab File: BG022406.D

Acq: 18 Jun 2016 3:14

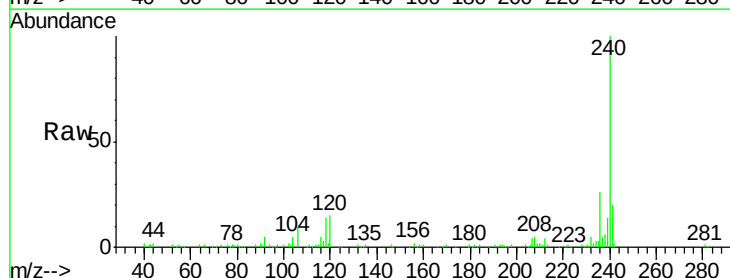
Tgt Ion:240 Resp: 127423

Ion Ratio Lower Upper

240 100

120 14.6 8.4 12.6#

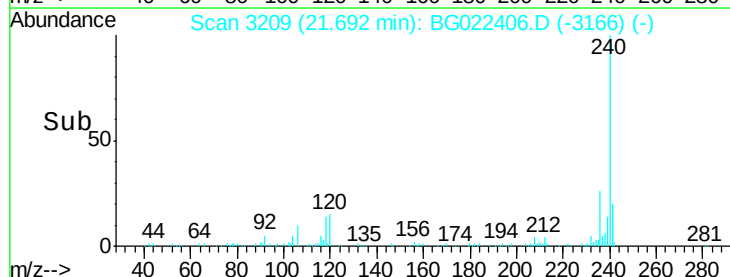
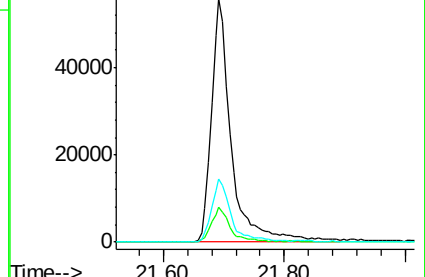
236 25.8 19.6 29.4

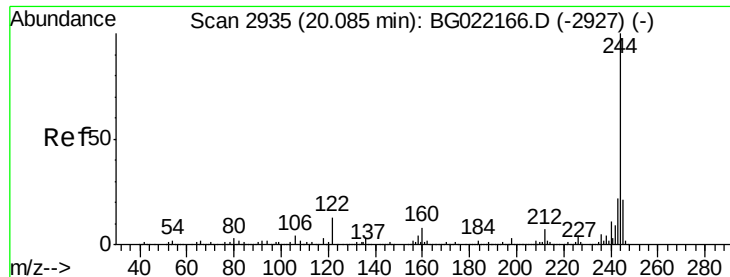


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 109.92 ng

RT: 20.02 min Scan# 2925

Delta R.T. -0.04 min

Lab File: BG022406.D

Acq: 18 Jun 2016 3:14

Instrument :

BNA_G

ClientSampleId :

S5-B200-C

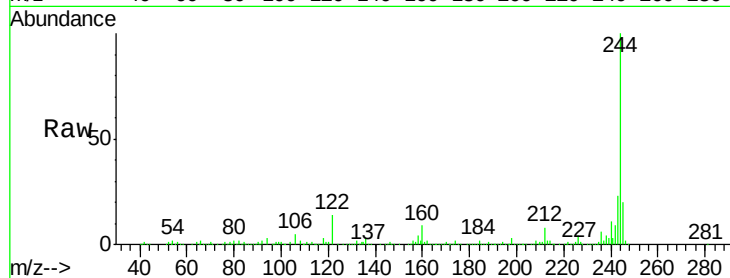
Tgt Ion:244 Resp: 589954

Ion Ratio Lower Upper

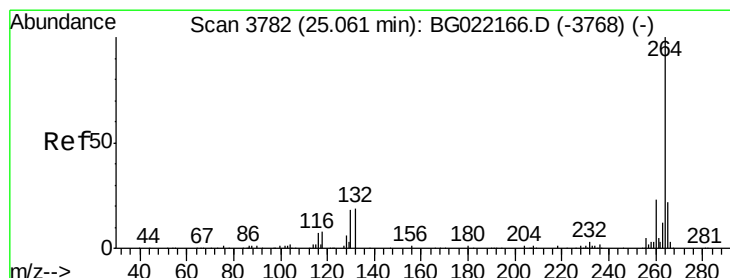
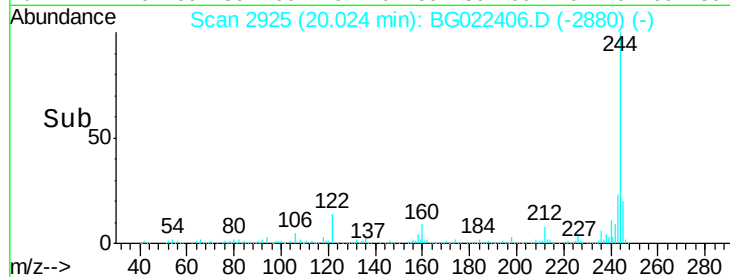
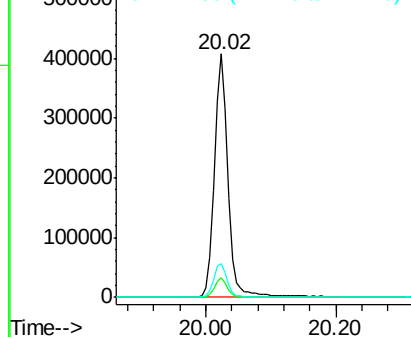
244 100

212 7.9 6.5 9.7

122 14.1 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



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.94 min Scan# 3761

Delta R.T. -0.08 min

Lab File: BG022406.D

Acq: 18 Jun 2016 3:14

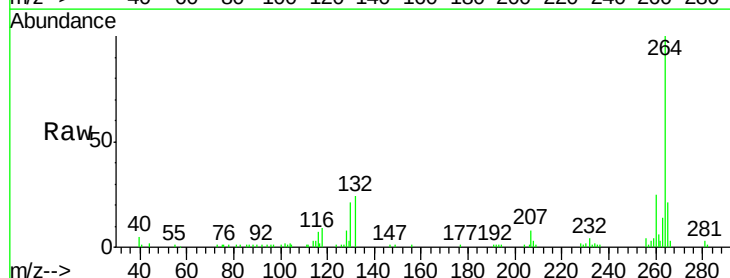
Tgt Ion:264 Resp: 112277

Ion Ratio Lower Upper

264 100

260 25.4 20.2 30.4

265 20.9 17.8 26.8



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

