

Data Path : Z:\HPCHEM1\BNA_G\Data\BG071216\
 Data File : BG023064.D
 Acq On : 13 Jul 2016 10:08
 Operator : UM/SJ
 Sample : H3936-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-3(5-6)

Quant Time: Jul 13 11:23:18 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 18:30:58 2016
 Response via : Initial Calibration

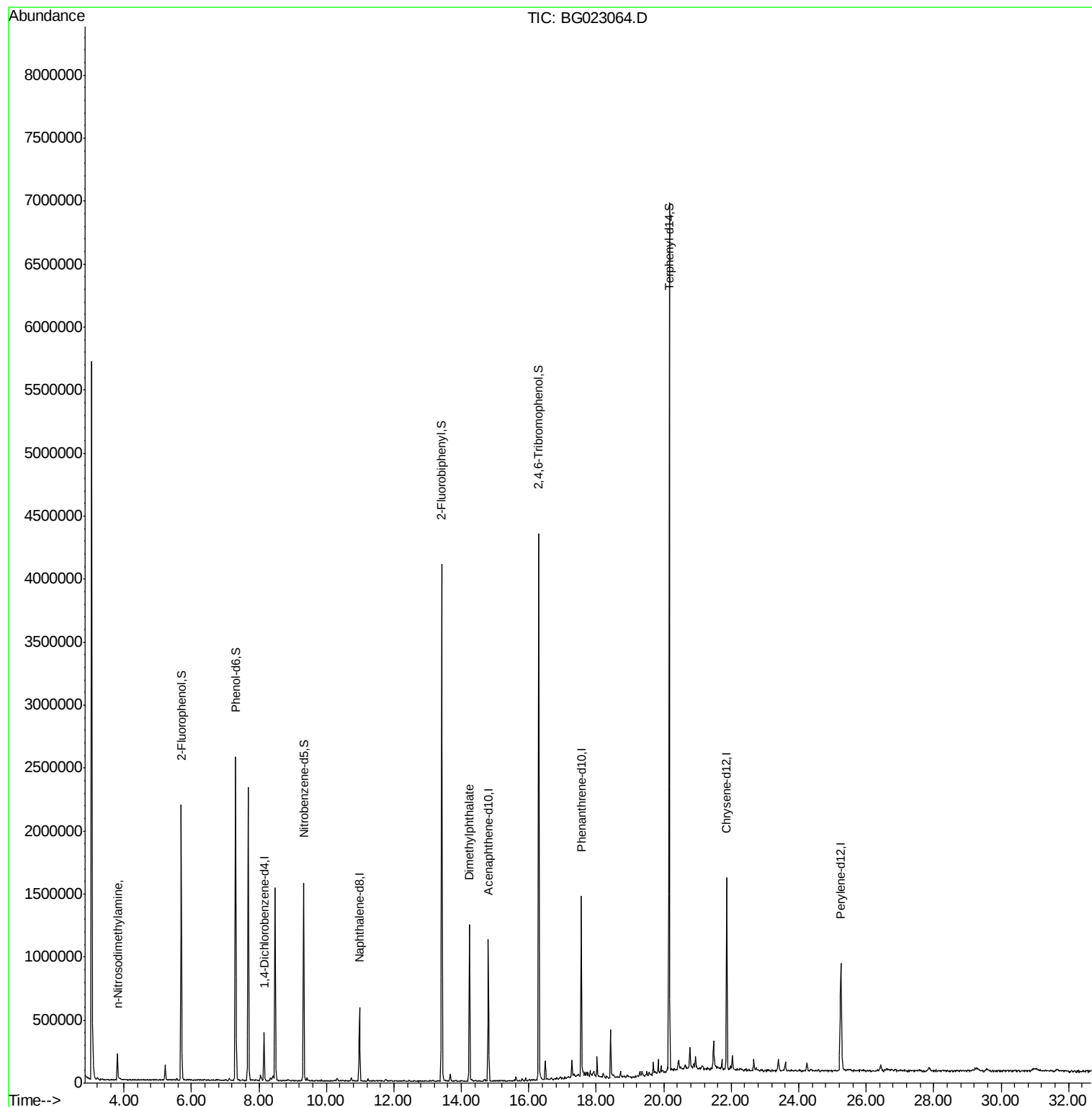
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	93606	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	460417	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	383794	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	867790	20.00	ng	0.00
75) Chrysene-d12	21.87	240	942703	20.00	ng	0.02
86) Perylene-d12	25.25	264	981789	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	851607	148.79	ng	0.00
7) Phenol-d6	7.31	99	1414174	157.76	ng	0.00
23) Nitrobenzene-d5	9.33	82	1030438	95.83	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	790923	114.66	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2007775	82.40	ng	0.00
78) Terphenyl-d14	20.16	244	2624775	90.51	ng	0.00
Target Compounds						
4) n-Nitrosodimethylamine	3.80	42	10389	3.18	ng	Qvalue # 1
49) Dimethylphthalate	14.24	163	759329	24.22	ng	99

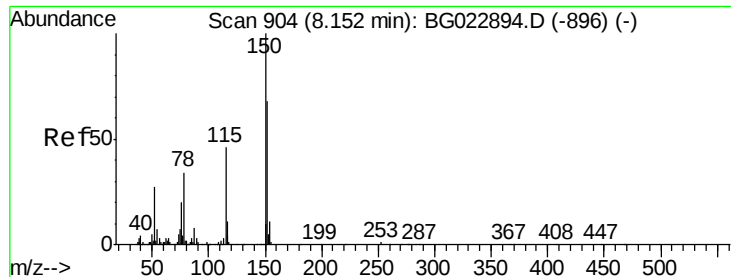
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 904

Delta R.T. 0.00 min

Lab File: BG023064.D

Acq: 13 Jul 2016 10:08

Instrument :

BNA_G

ClientSampleId :

SB-3(5-6)

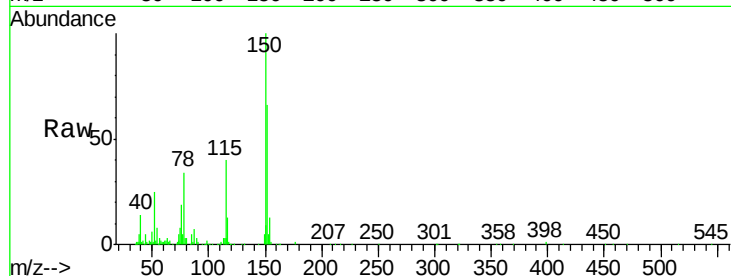
Tgt Ion:152 Resp: 93606

Ion Ratio Lower Upper

152 100

150 151.4 144.7 217.1

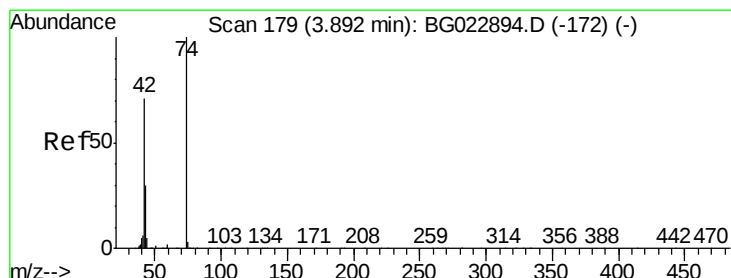
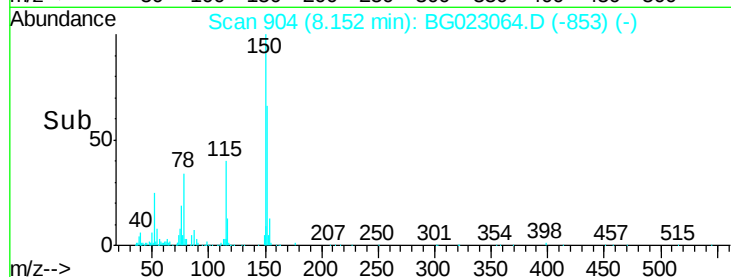
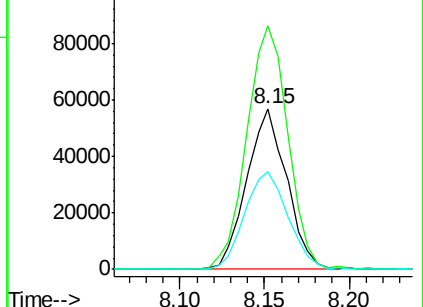
115 60.7 64.0 96.0#



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



#4

n-Nitrosodimethylamine

Concen: 3.18 ng

RT: 3.80 min Scan# 164

Delta R.T. -0.09 min

Lab File: BG023064.D

Acq: 13 Jul 2016 10:08

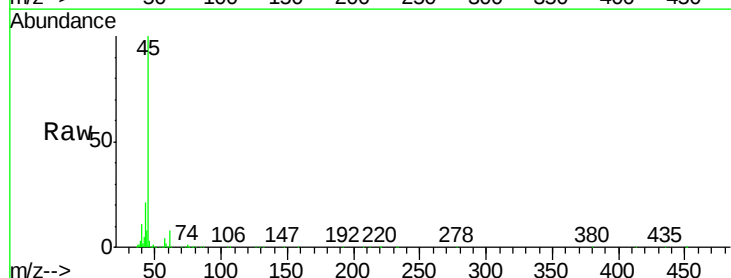
Tgt Ion: 42 Resp: 10389

Ion Ratio Lower Upper

42 100

74 11.4 100.6 150.8#

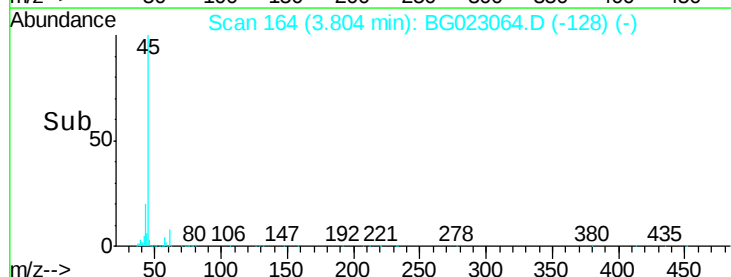
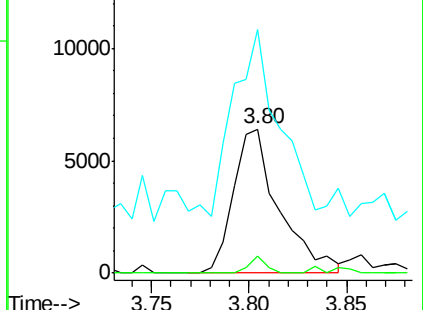
44 168.7 4.5 6.7#

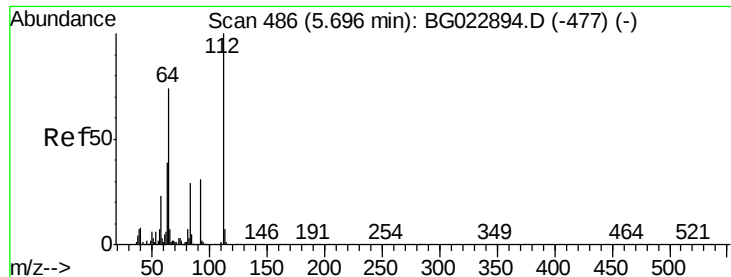


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 148.79 ng

RT: 5.70 min Scan# 486

Delta R.T. 0.00 min

Lab File: BG023064.D

Acq: 13 Jul 2016 10:08

Instrument :

BNA_G

ClientSampleId :

SB-3(5-6)

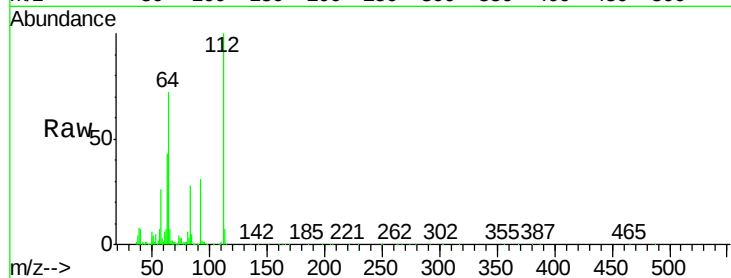
Tgt Ion: 112 Resp: 851607

Ion Ratio Lower Upper

112 100

64 72.0 59.0 88.4

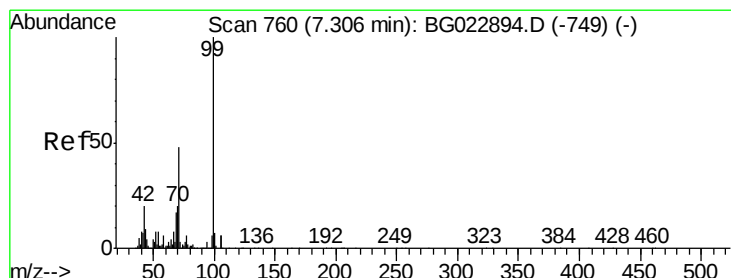
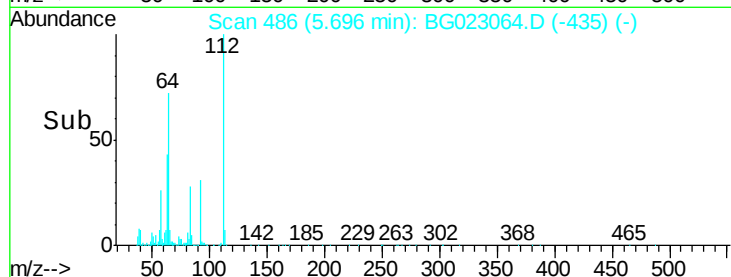
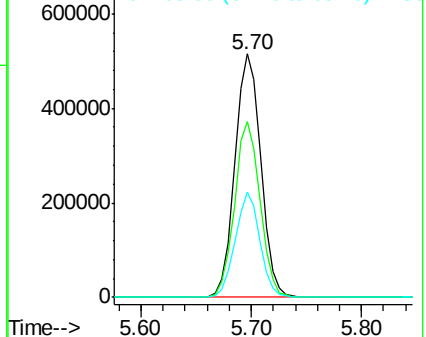
63 43.2 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 157.76 ng

RT: 7.31 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG023064.D

Acq: 13 Jul 2016 10:08

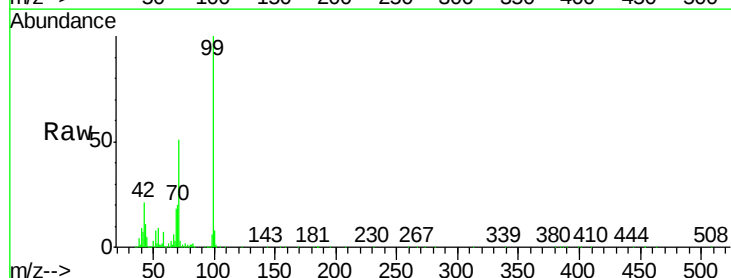
Tgt Ion: 99 Resp: 1414174

Ion Ratio Lower Upper

99 100

42 20.6 17.8 26.6

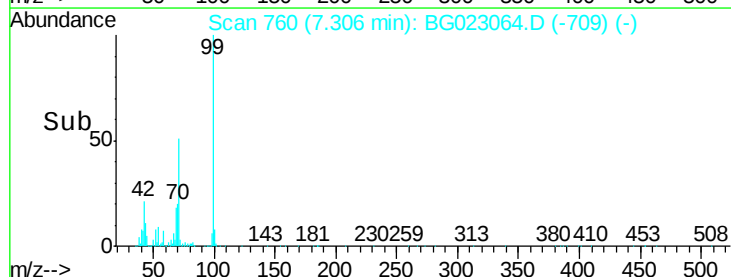
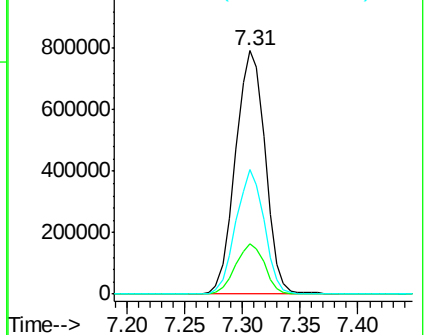
71 51.1 41.5 62.3

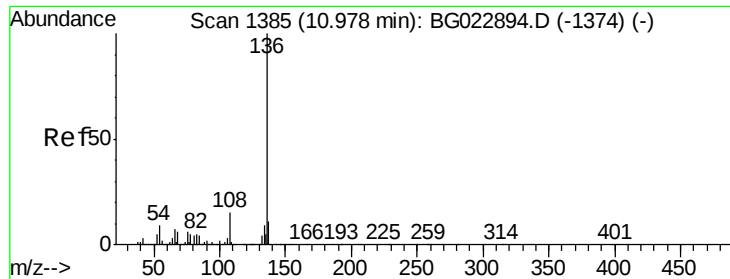


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC

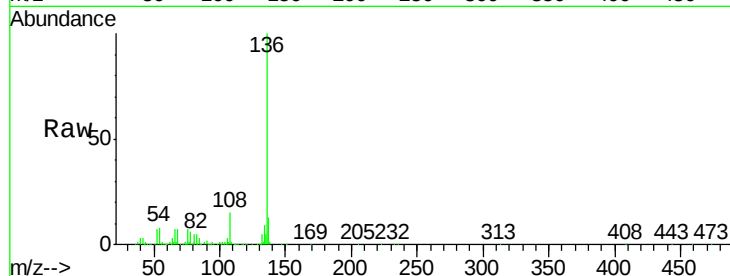




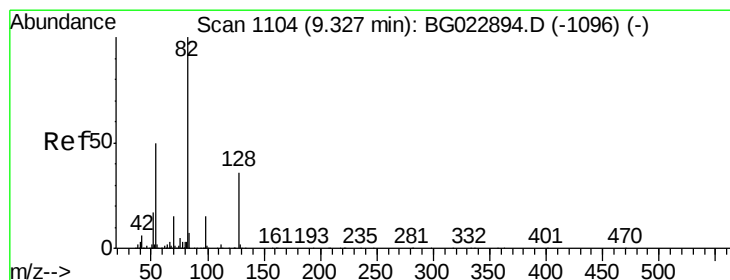
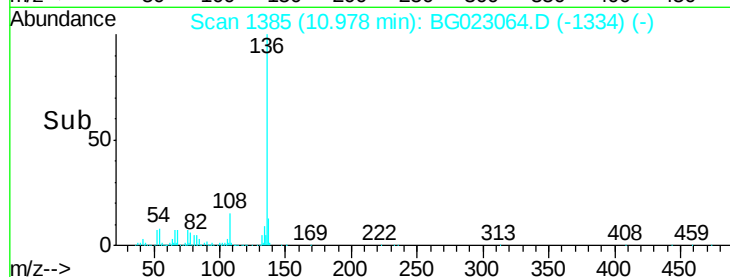
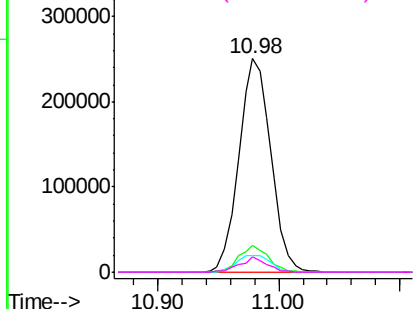
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1385
Delta R.T. 0.00 min
Lab File: BG023064.D
Acq: 13 Jul 2016 10:08

Instrument :
BNA_G
ClientSampleId :
SB-3(5-6)

Tgt Ion:	136	Resp:	460417
Ion	Ratio	Lower	Upper
136	100		
137	12.6	9.6	14.4
54	8.1	7.3	10.9
68	6.9	5.3	7.9

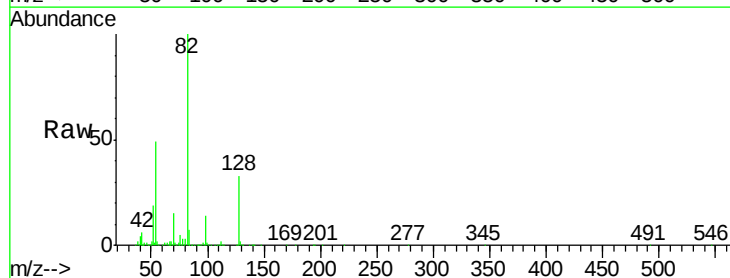


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

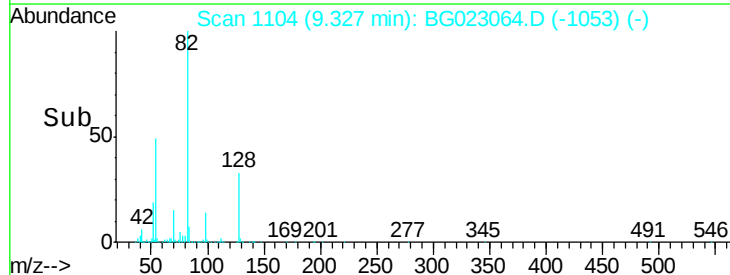
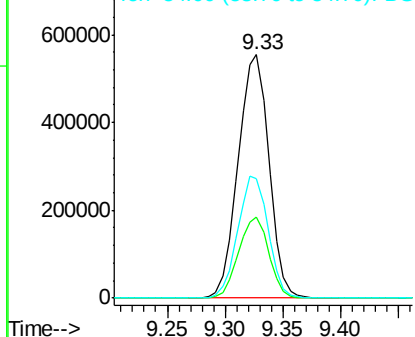


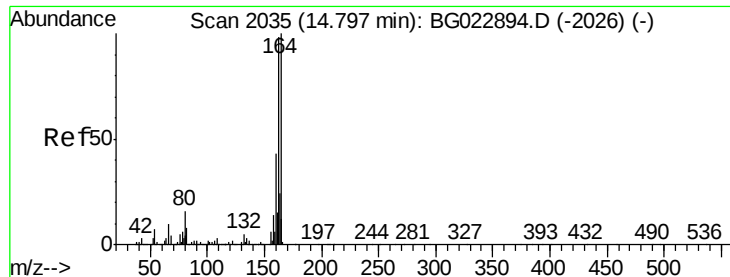
#23
Nitrobenzene-d5
Concen: 95.83 ng
RT: 9.33 min Scan# 1104
Delta R.T. 0.00 min
Lab File: BG023064.D
Acq: 13 Jul 2016 10:08

Tgt Ion:	82	Resp:	1030438
Ion	Ratio	Lower	Upper
82	100		
128	33.4	24.4	36.6
54	49.3	41.4	62.0



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BG023064.D

Acq: 13 Jul 2016 10:08

Instrument :

BNA_G

ClientSampleId :

SB-3(5-6)

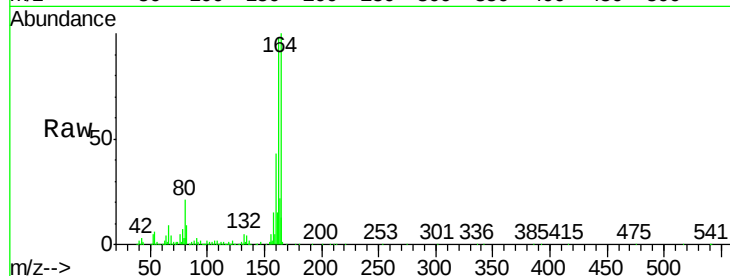
Tgt Ion:164 Resp: 383794

Ion Ratio Lower Upper

164 100

162 98.0 87.7 131.5

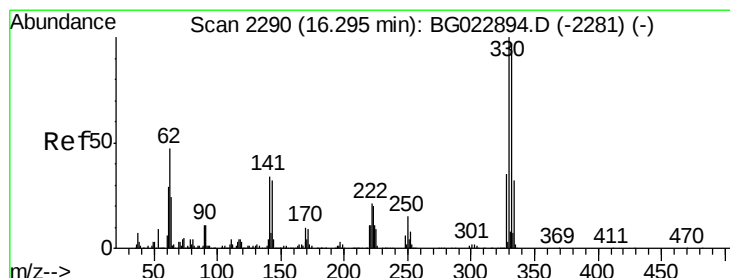
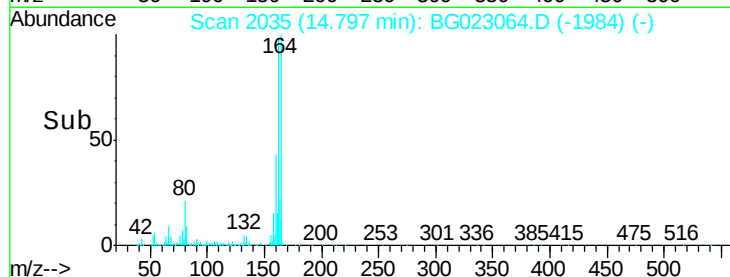
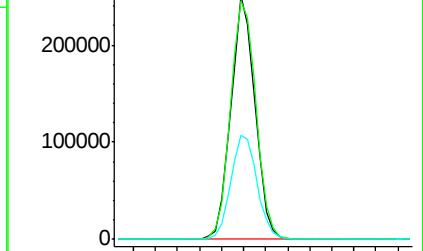
160 42.9 37.2 55.8



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: 114.66 ng

RT: 16.30 min Scan# 2290

Delta R.T. 0.00 min

Lab File: BG023064.D

Acq: 13 Jul 2016 10:08

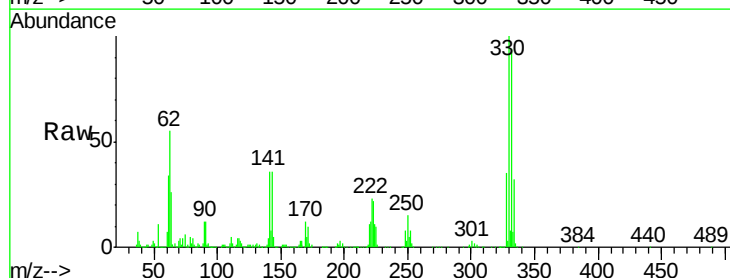
Tgt Ion:330 Resp: 790923

Ion Ratio Lower Upper

330 100

332 96.3 77.4 116.2

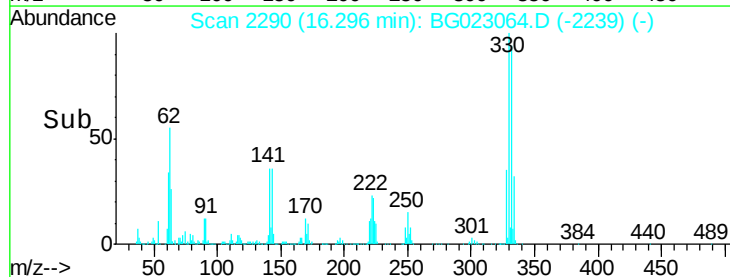
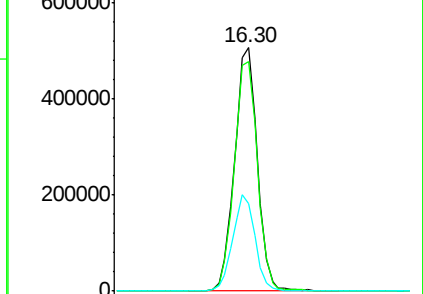
141 38.7 31.7 47.5

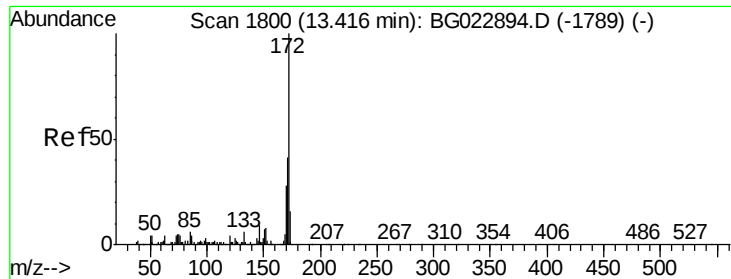


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

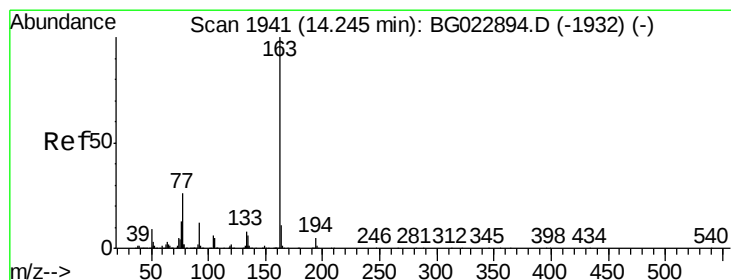
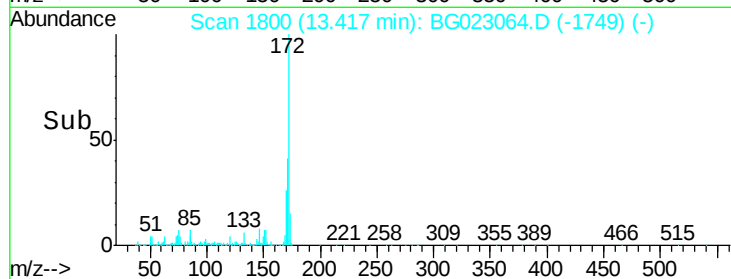
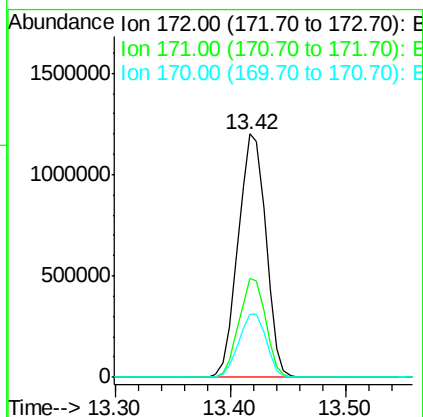
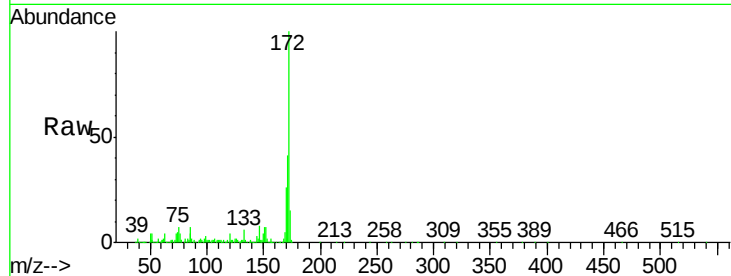




#44
2-Fluorobiphenyl
Concen: 82.40 ng
RT: 13.42 min Scan# 1800
Delta R.T. 0.00 min
Lab File: BG023064.D
Acq: 13 Jul 2016 10:08

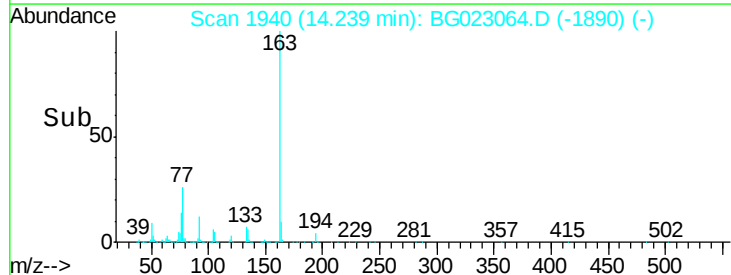
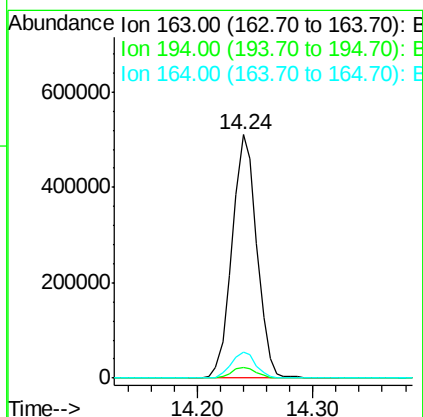
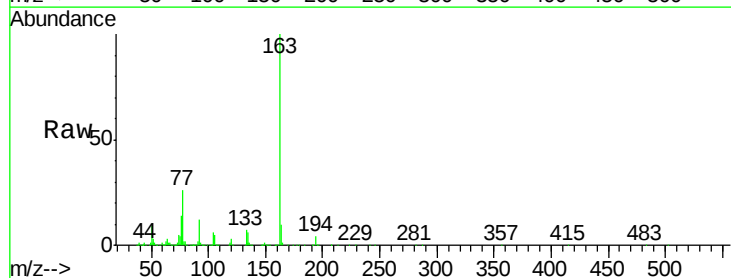
Instrument :
BNA_G
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SB-3(5-6)

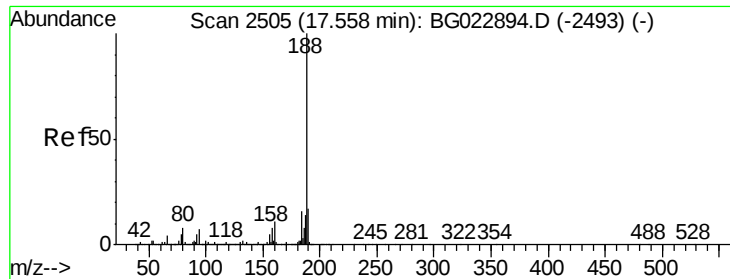
Tgt Ion:172 Resp: 2007775
Ion Ratio Lower Upper
172 100
171 40.6 31.6 47.4
170 26.1 21.3 31.9



#49
Dimethylphthalate
Concen: 24.22 ng
RT: 14.24 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG023064.D
Acq: 13 Jul 2016 10:08

Tgt Ion:163 Resp: 759329
Ion Ratio Lower Upper
163 100
194 4.2 3.6 5.4
164 10.4 8.1 12.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.55 min Scan# 2504

Delta R.T. -0.01 min

Lab File: BG023064.D

Acq: 13 Jul 2016 10:08

Instrument :

BNA_G

ClientSampleId :

SB-3(5-6)

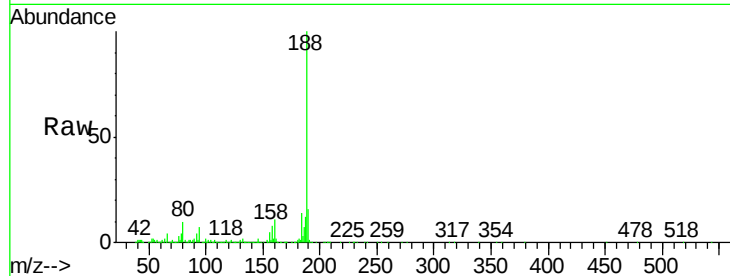
Tgt Ion:188 Resp: 867790

Ion Ratio Lower Upper

188 100

94 6.9 5.2 7.8

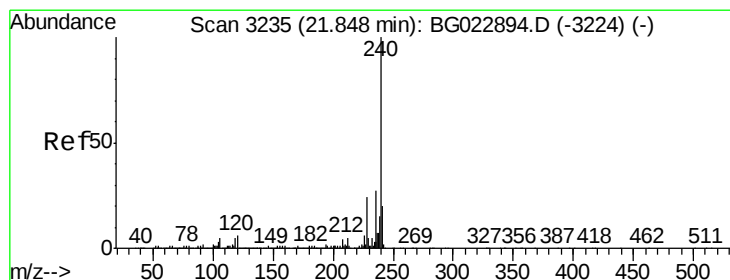
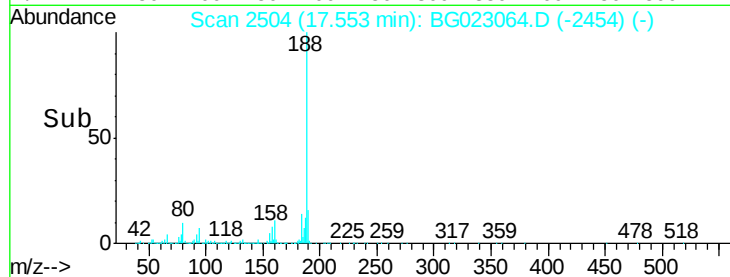
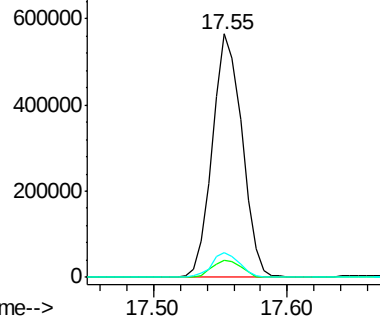
80 9.9 7.2 10.8



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: 21.87 min Scan# 3238

Delta R.T. 0.02 min

Lab File: BG023064.D

Acq: 13 Jul 2016 10:08

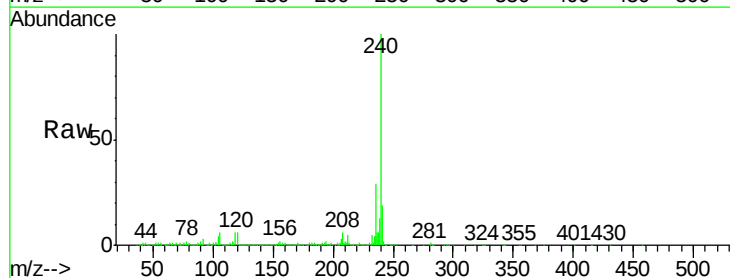
Tgt Ion:240 Resp: 942703

Ion Ratio Lower Upper

240 100

120 6.0 4.1 6.1

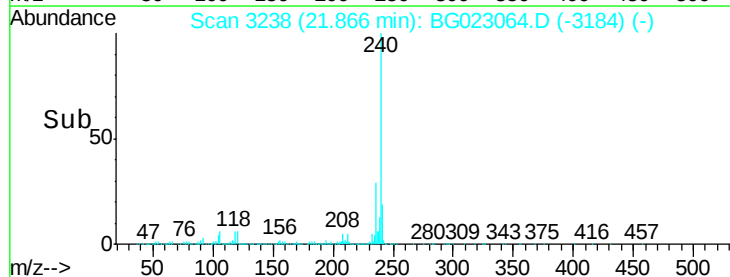
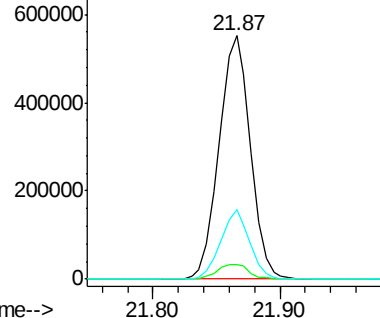
236 28.6 21.1 31.7

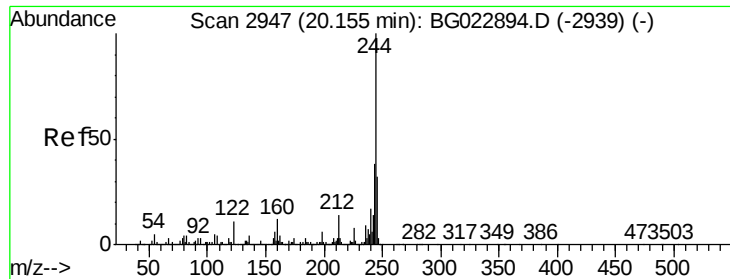


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 90.51 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.01 min

Lab File: BG023064.D

Acq: 13 Jul 2016 10:08

Instrument :

BNA_G

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SB-3(5-6)

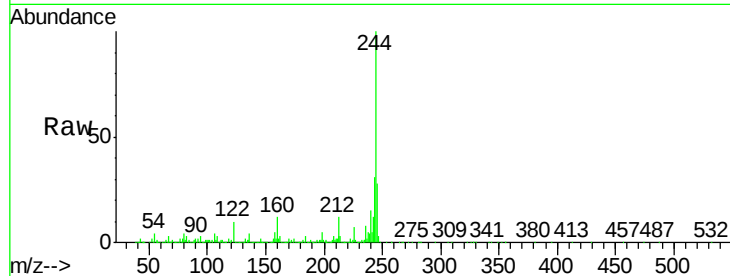
Tgt Ion:244 Resp: 2624775

Ion Ratio Lower Upper

244 100

212 12.3 10.8 16.2

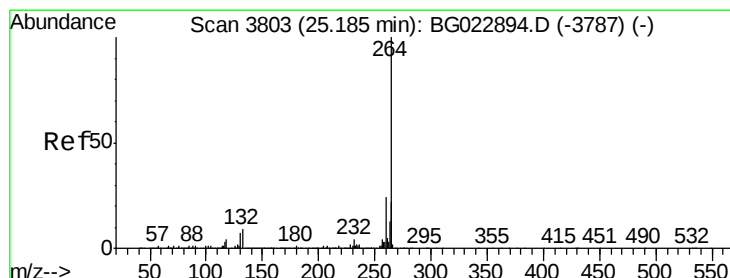
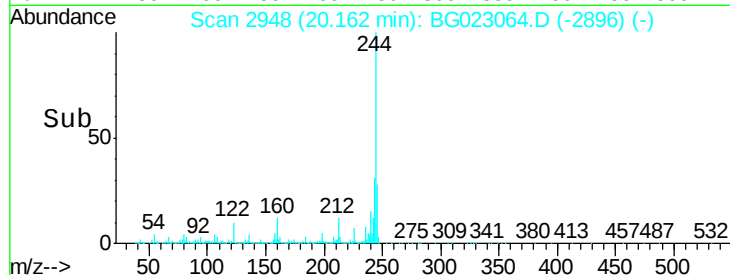
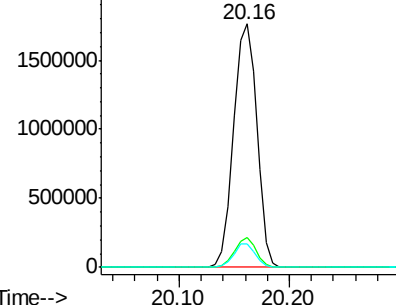
122 9.7 8.0 12.0



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: 25.25 min Scan# 3814

Delta R.T. 0.07 min

Lab File: BG023064.D

Acq: 13 Jul 2016 10:08

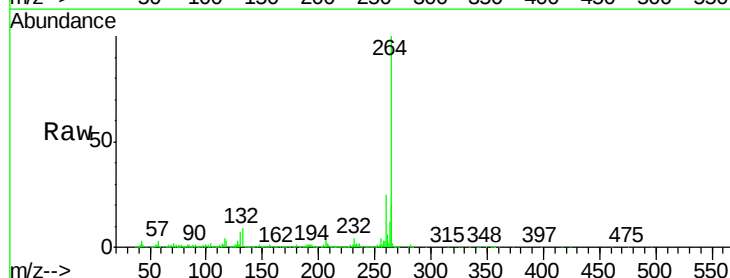
Tgt Ion:264 Resp: 981789

Ion Ratio Lower Upper

264 100

260 25.0 18.4 27.6

265 20.5 18.9 28.3



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

