

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030217\
 Data File : BG026055.D
 Acq On : 3 Mar 2017 7:47
 Operator : SJ/MA
 Sample : I2057-06
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 25B-4

Quant Time: Mar 03 16:53:06 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 28 15:36:56 2017
 Response via : Initial Calibration

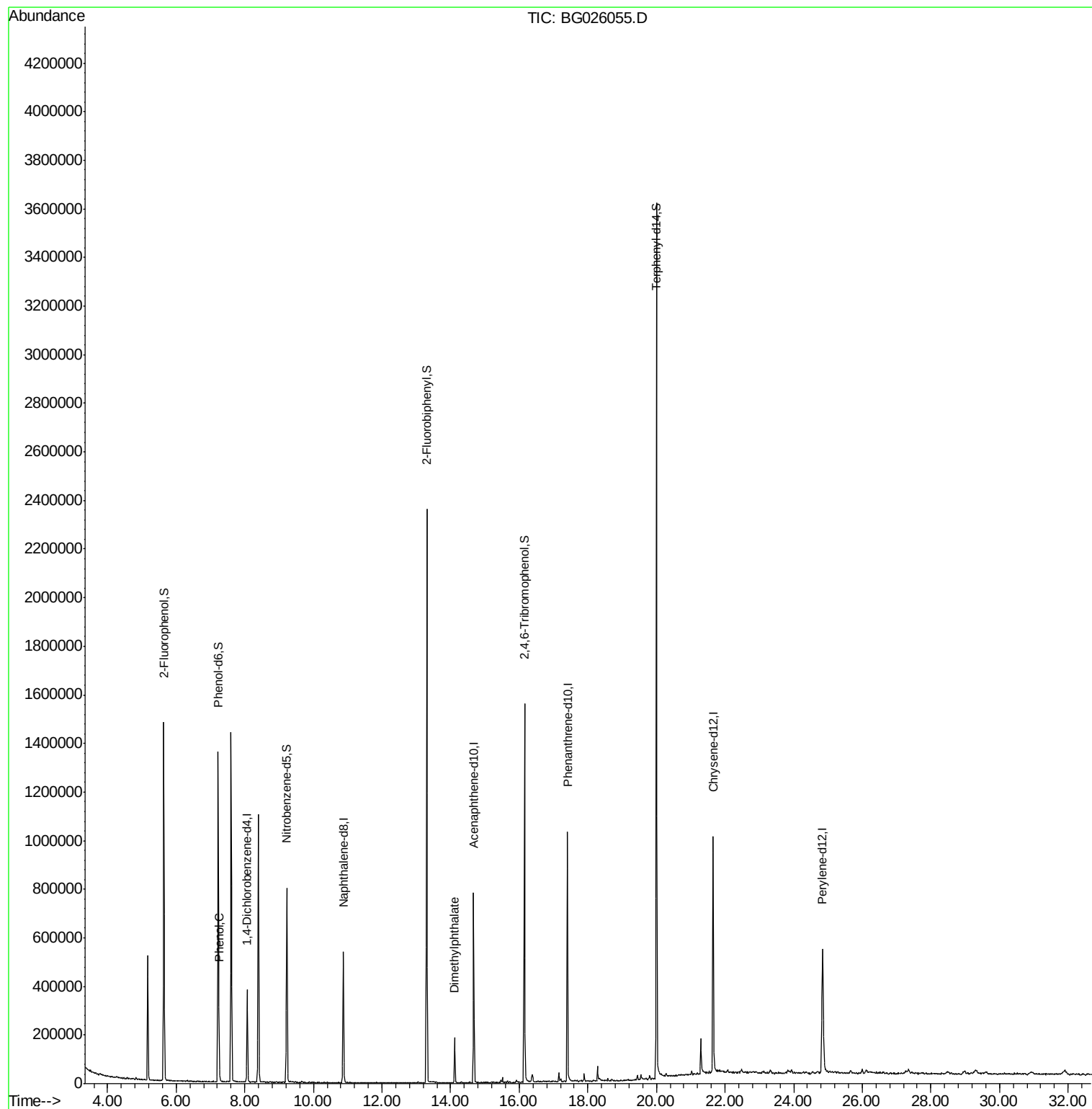
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	119767	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	493895	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	270060	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	621915	20.00	ng	-0.01
75) Chrysene-d12	21.65	240	597104	20.00	ng	-0.03
86) Perylene-d12	24.84	264	577778	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	693508	100.81	ng	-0.01
7) Phenol-d6	7.23	99	929094	91.27	ng	0.00
23) Nitrobenzene-d5	9.22	82	515738	65.90	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	297389	119.19	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	1269110	82.12	ng	-0.02
78) Terphenyl-d14	20.00	244	1663251	67.75	ng	-0.02
Target Compounds						
10) Phenol	7.25	94	37393	3.38	ng	77
49) Dimethylphthalate	14.12	163	131678	7.11	ng	96

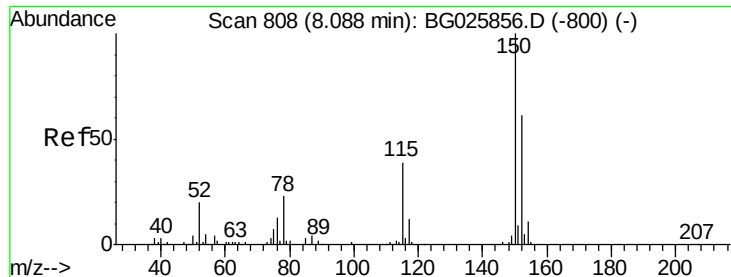
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.07 min Scan# 806

Delta R.T. -0.01 min

Lab File: BG026055.D

Acq: 3 Mar 2017 7:47

Instrument :

BNA_G

ClientSampleId :

25B-4

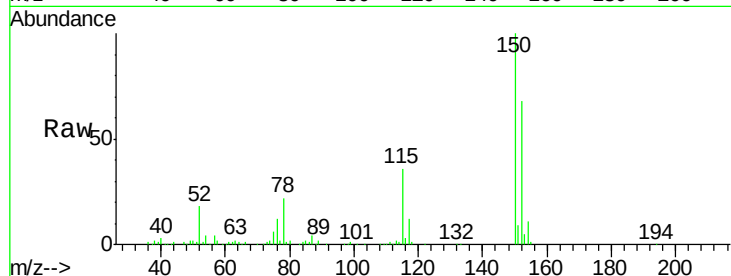
Tgt Ion:152 Resp: 119767

Ion Ratio Lower Upper

152 100

150 147.4 114.0 171.0

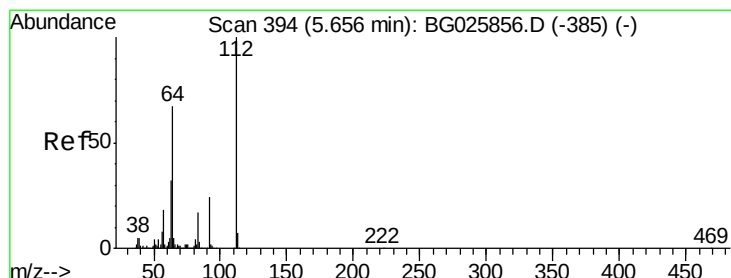
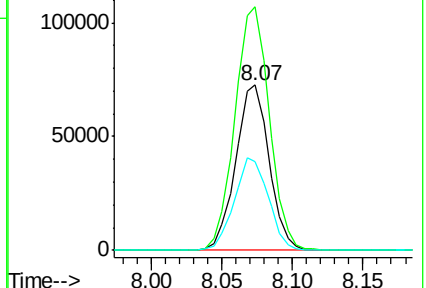
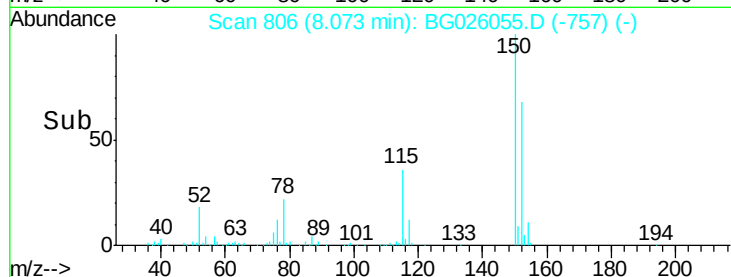
115 53.5 48.1 72.1



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: 100.81 ng

RT: 5.64 min Scan# 392

Delta R.T. -0.01 min

Lab File: BG026055.D

Acq: 3 Mar 2017 7:47

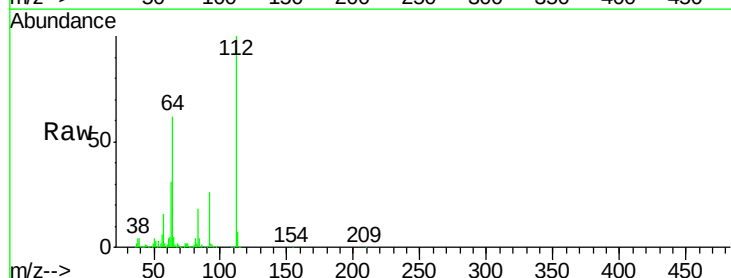
Tgt Ion:112 Resp: 693508

Ion Ratio Lower Upper

112 100

64 62.2 61.8 92.6

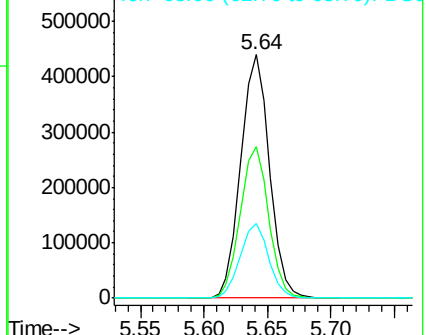
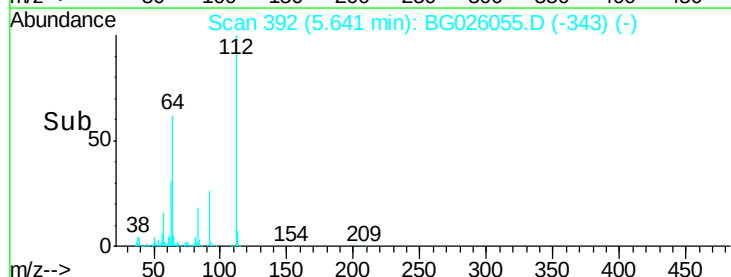
63 30.6 37.2 55.8#

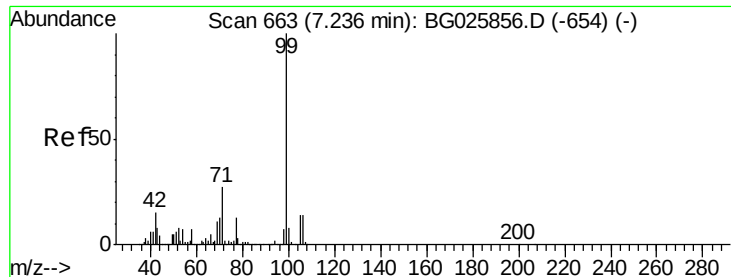


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 91.27 ng

RT: 7.23 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG026055.D

Acq: 3 Mar 2017 7:47

Instrument :

BNA_G

ClientSampleId :

25B-4

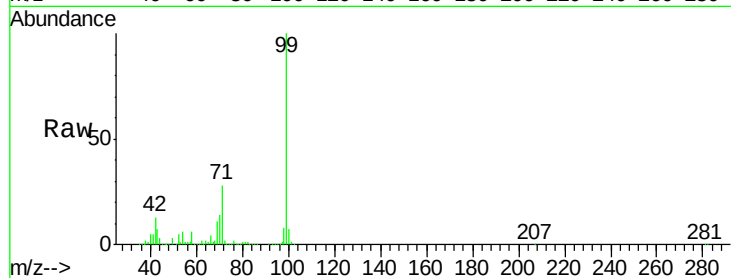
Tgt Ion: 99 Resp: 929094

Ion Ratio Lower Upper

99 100

42 12.9 20.5 30.7#

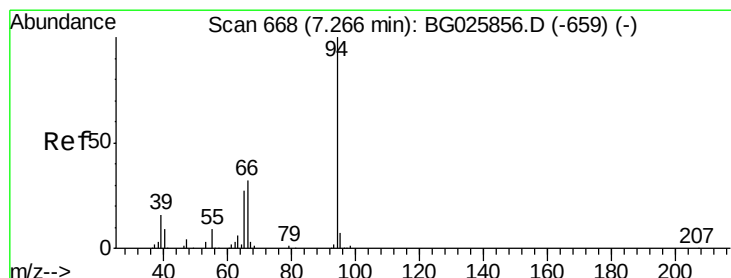
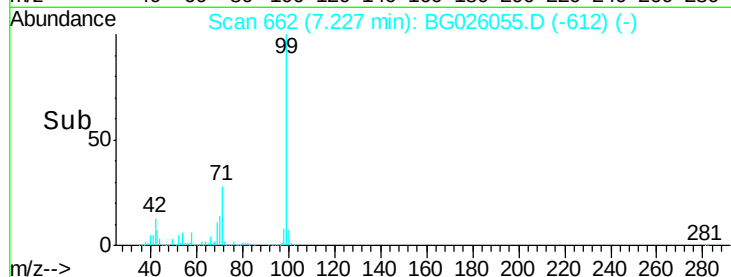
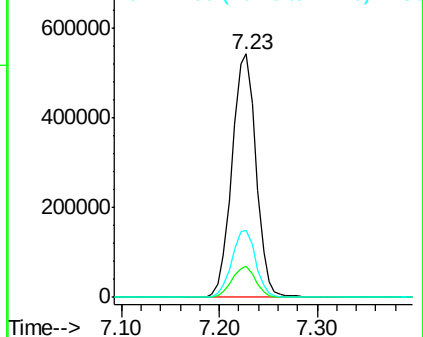
71 27.7 37.6 56.4#



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: 3.38 ng

RT: 7.25 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG026055.D

Acq: 3 Mar 2017 7:47

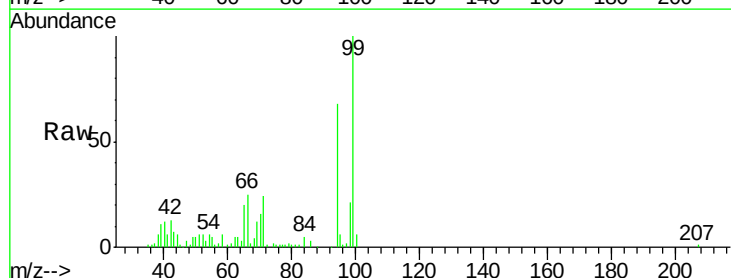
Tgt Ion: 94 Resp: 37393

Ion Ratio Lower Upper

94 100

65 29.0 20.6 60.6

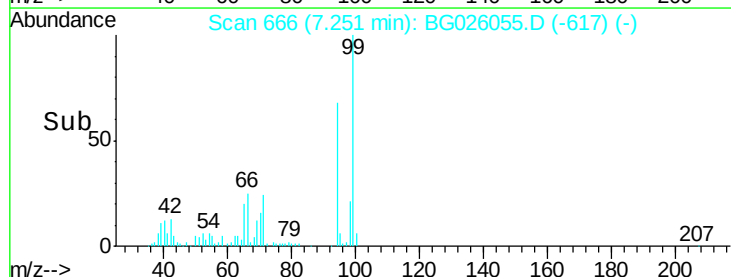
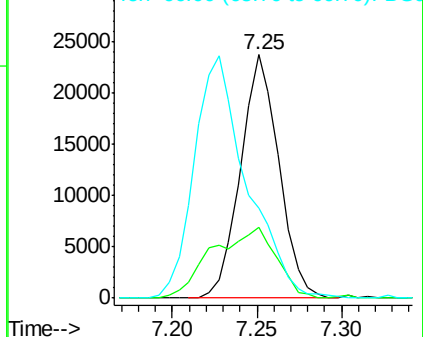
66 37.1 35.5 75.5

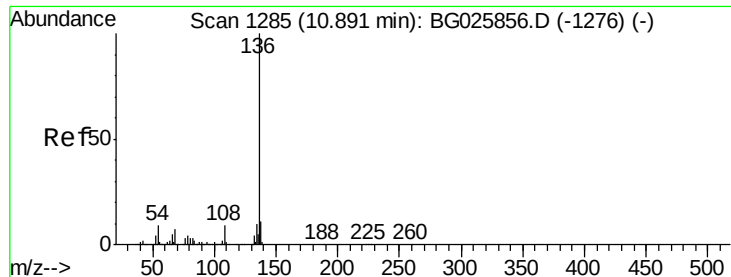


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

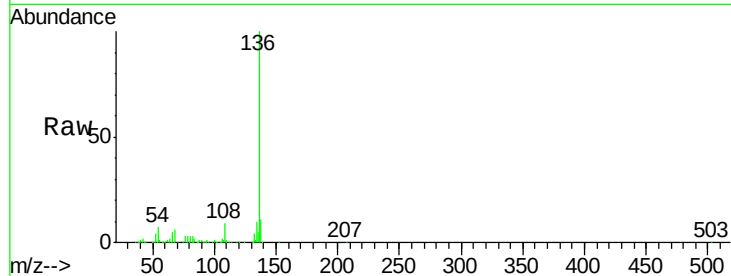




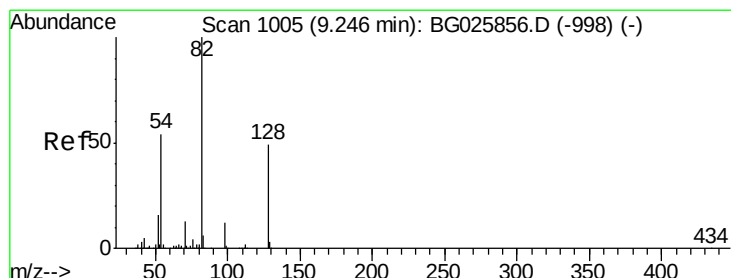
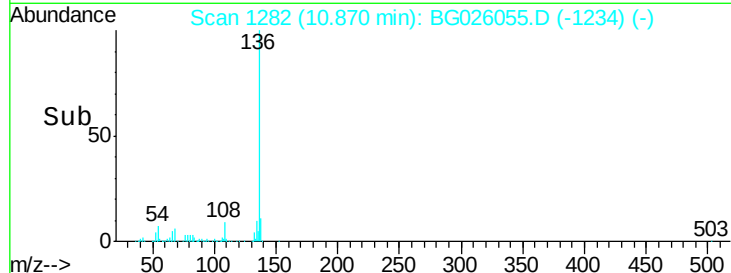
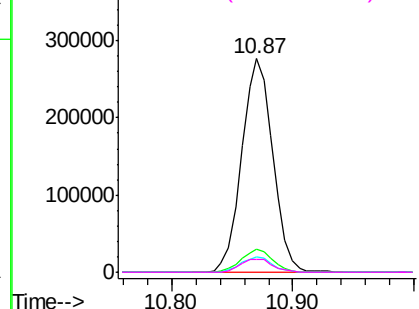
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.87 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BG026055.D
Acq: 3 Mar 2017 7:47

Instrument :
BNA_G
ClientSampleId :
25B-4

Tgt Ion:	136	Resp:	493895
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.1	9.3	13.9#
68	6.0	5.1	7.7

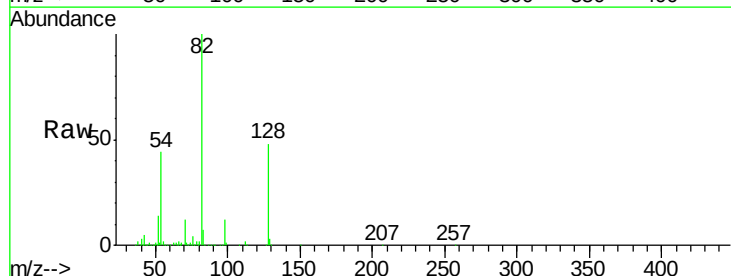


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

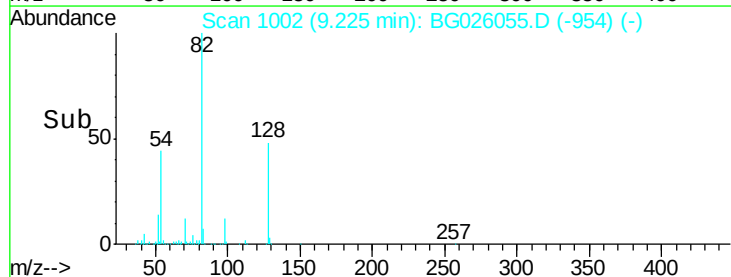
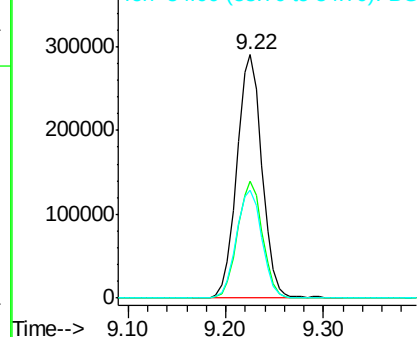


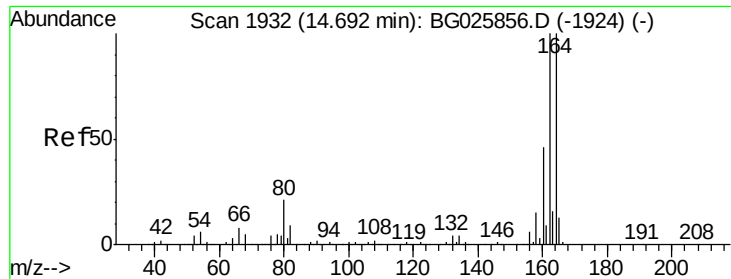
#23
Nitrobenzene-d5
Concen: 65.90 ng
RT: 9.22 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG026055.D
Acq: 3 Mar 2017 7:47

Tgt Ion:	82	Resp:	515738
Ion	Ratio	Lower	Upper
82	100		
128	48.0	26.4	39.6#
54	44.2	49.4	74.2#



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: 14.67 min Scan# 1929

Delta R.T. -0.02 min

Lab File: BG026055.D

Acq: 3 Mar 2017 7:47

Instrument :

BNA_G

ClientSampleId :

25B-4

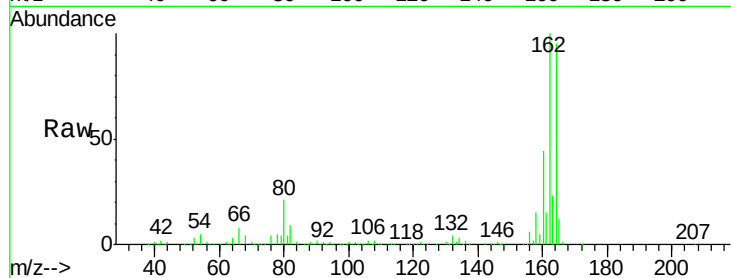
Tgt Ion:164 Resp: 270060

Ion Ratio Lower Upper

164 100

162 104.8 85.1 127.7

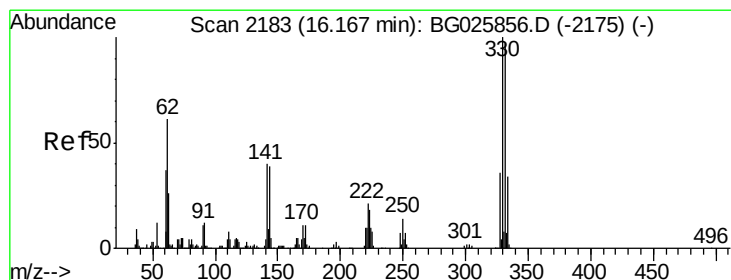
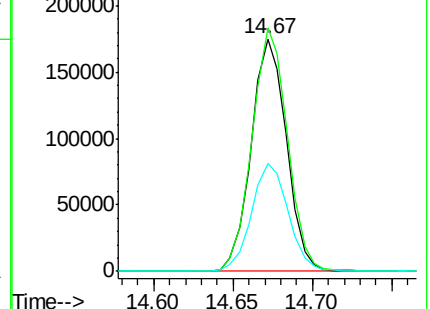
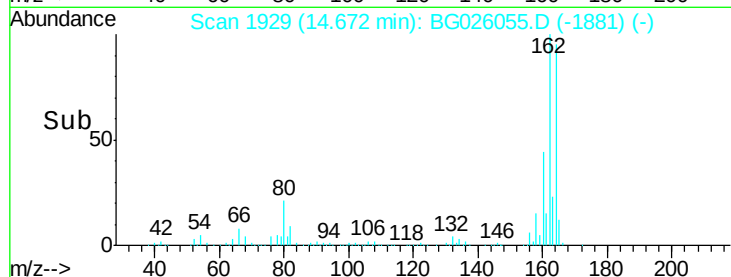
160 46.6 34.7 52.1



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: 119.19 ng

RT: 16.15 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BG026055.D

Acq: 3 Mar 2017 7:47

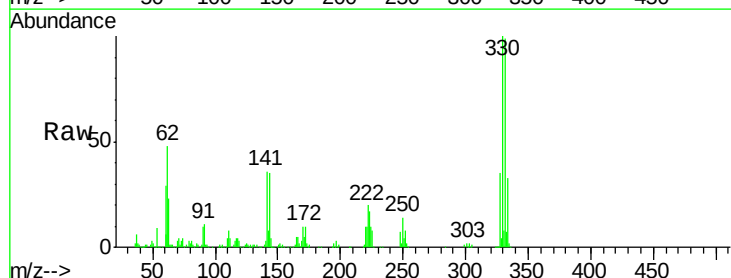
Tgt Ion:330 Resp: 297389

Ion Ratio Lower Upper

330 100

332 97.1 77.3 115.9

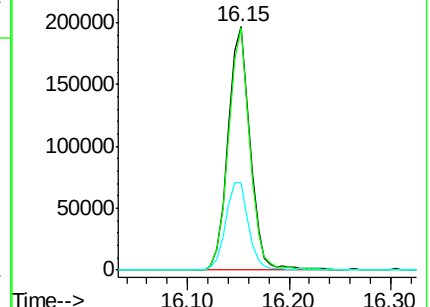
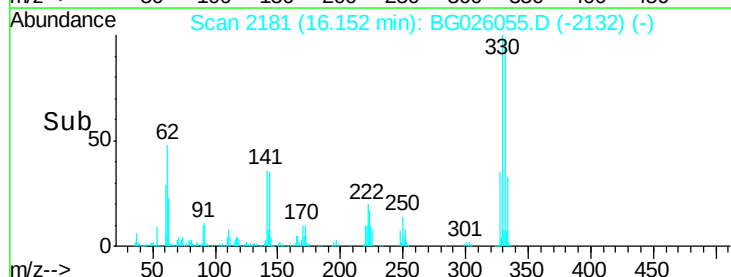
141 36.9 32.1 48.1

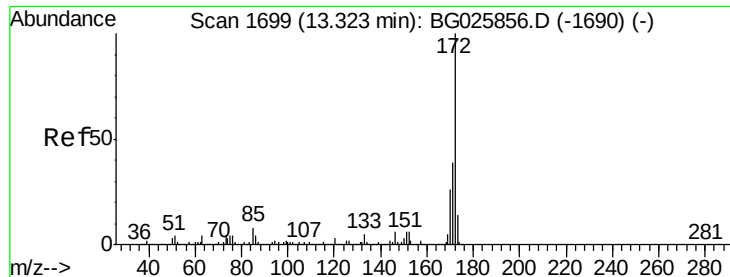


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

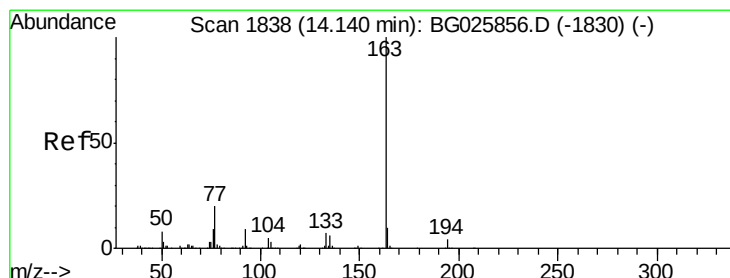
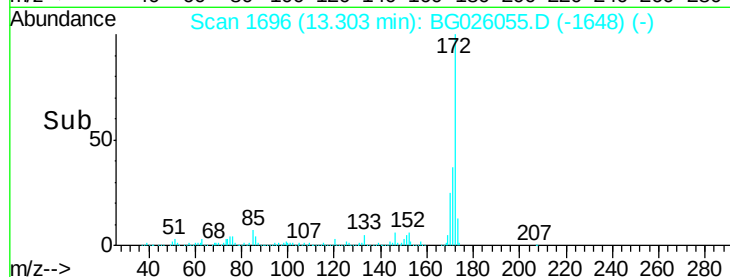
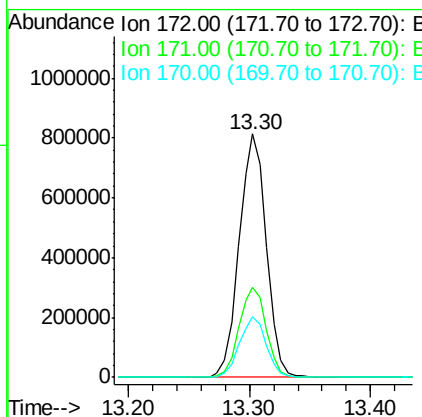
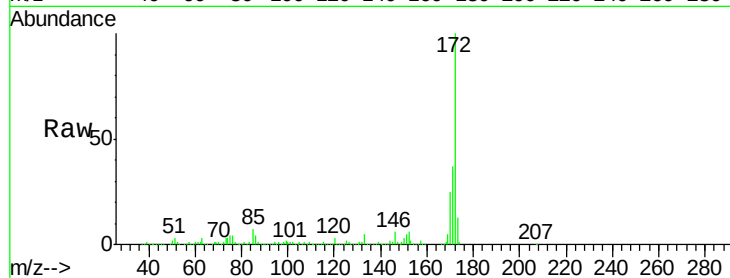




#44
2-Fluorobiphenyl
Concen: 82.12 ng
RT: 13.30 min Scan# 1696
Delta R.T. -0.02 min
Lab File: BG026055.D
Acq: 3 Mar 2017 7:47

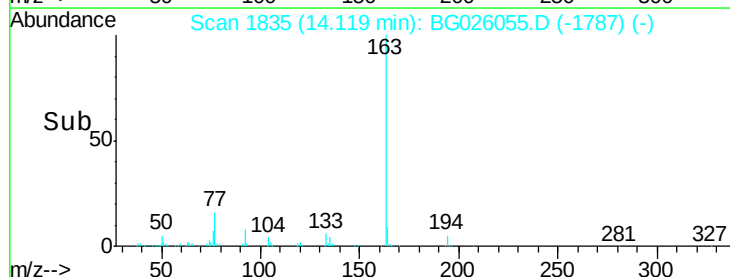
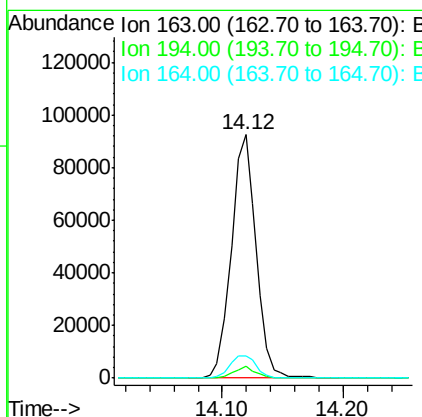
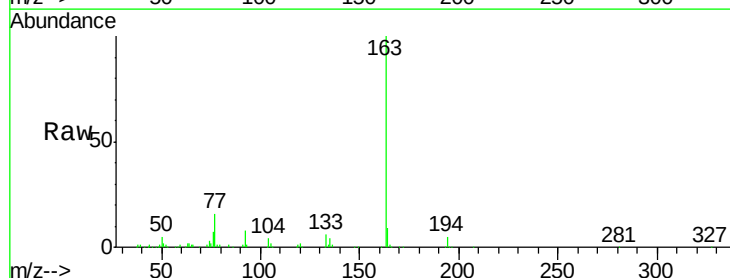
Instrument :
BNA_G
ClientSampleId :
25B-4

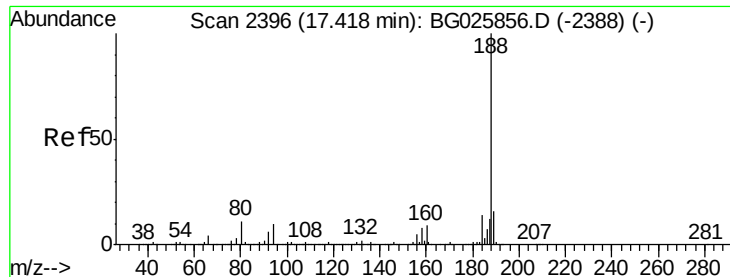
Tgt Ion:172 Resp: 1269110
Ion Ratio Lower Upper
172 100
171 37.1 32.2 48.2
170 24.6 21.8 32.6



#49
Dimethylphthalate
Concen: 7.11 ng
RT: 14.12 min Scan# 1835
Delta R.T. -0.02 min
Lab File: BG026055.D
Acq: 3 Mar 2017 7:47

Tgt Ion:163 Resp: 131678
Ion Ratio Lower Upper
163 100
194 5.0 3.8 5.6
164 9.3 9.3 13.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.40 min Scan# 2394

Delta R.T. -0.01 min

Lab File: BG026055.D

Acq: 3 Mar 2017 7:47

Instrument :

BNA_G

ClientSampled :

25B-4

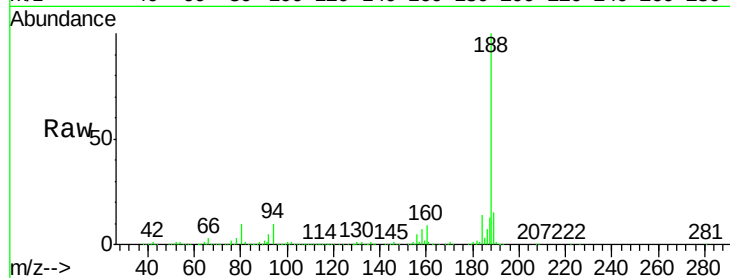
Tgt Ion:188 Resp: 621915

Ion Ratio Lower Upper

188 100

94 10.0 5.8 8.8#

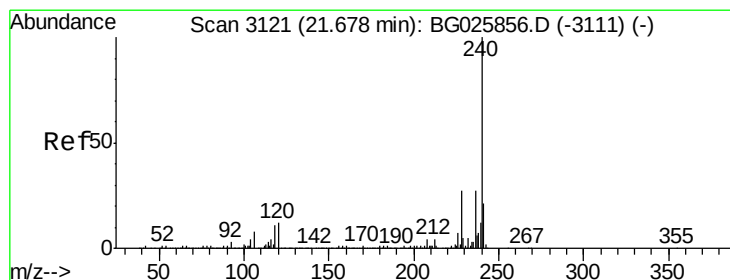
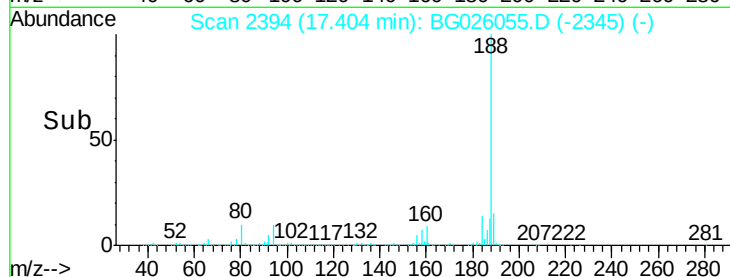
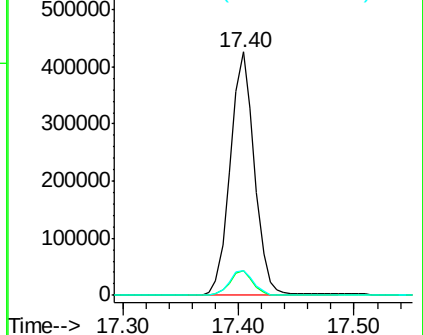
80 10.0 7.5 11.3



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: 20.00 ng

RT: 21.65 min Scan# 3117

Delta R.T. -0.03 min

Lab File: BG026055.D

Acq: 3 Mar 2017 7:47

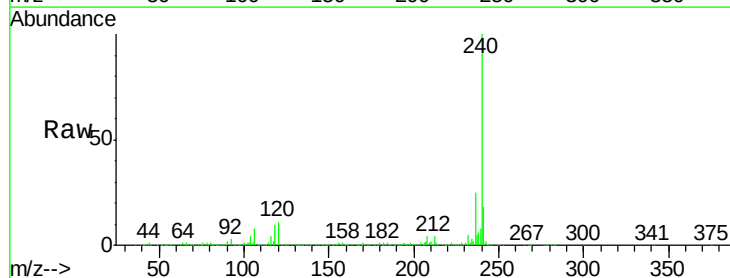
Tgt Ion:240 Resp: 597104

Ion Ratio Lower Upper

240 100

120 11.1 5.7 8.5#

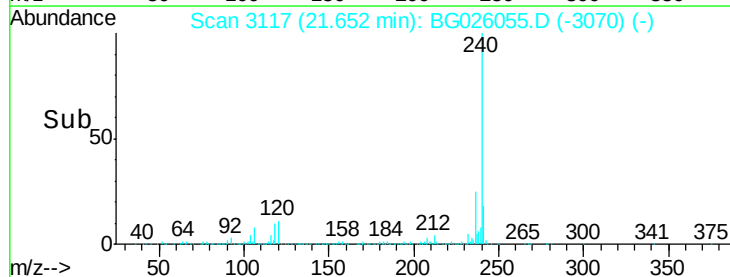
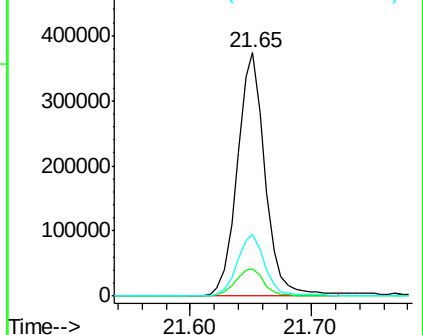
236 25.1 22.2 33.4

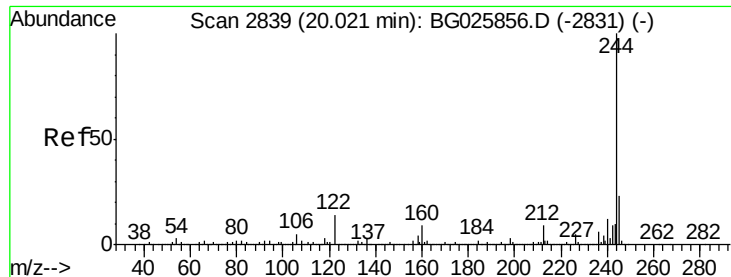


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 67.75 ng

RT: 20.00 min Scan# 2836

Delta R.T. -0.02 min

Lab File: BG026055.D

Acq: 3 Mar 2017 7:47

Instrument :

BNA_G

ClientSampleId :

25B-4

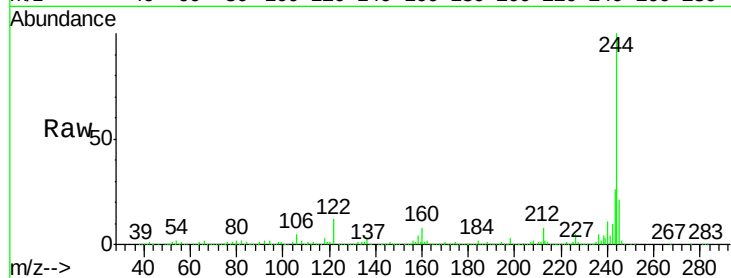
Tgt Ion:244 Resp: 1663251

Ion Ratio Lower Upper

244 100

212 7.8 10.0 15.0#

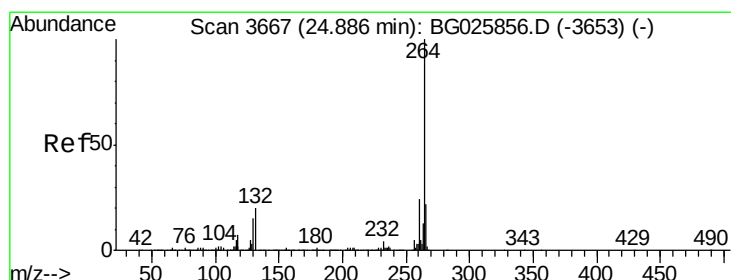
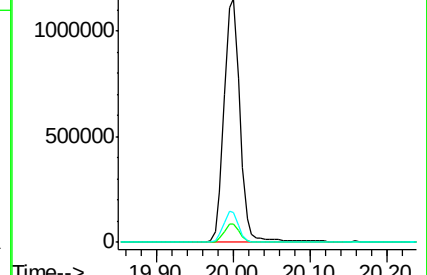
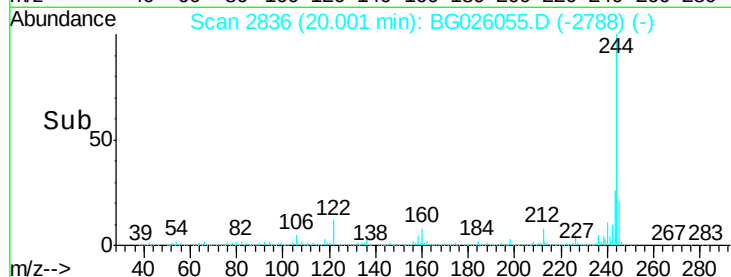
122 12.2 8.6 12.8



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: 24.84 min Scan# 3660

Delta R.T. -0.04 min

Lab File: BG026055.D

Acq: 3 Mar 2017 7:47

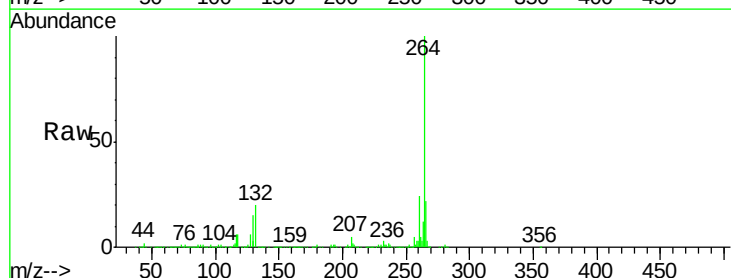
Tgt Ion:264 Resp: 577778

Ion Ratio Lower Upper

264 100

260 24.2 21.8 32.8

265 21.7 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

