

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030217\
 Data File : BG026050.D
 Acq On : 3 Mar 2017 4:30
 Operator : SJ/MA
 Sample : I2057-08
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 27B-4

Quant Time: Mar 03 05:44:59 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

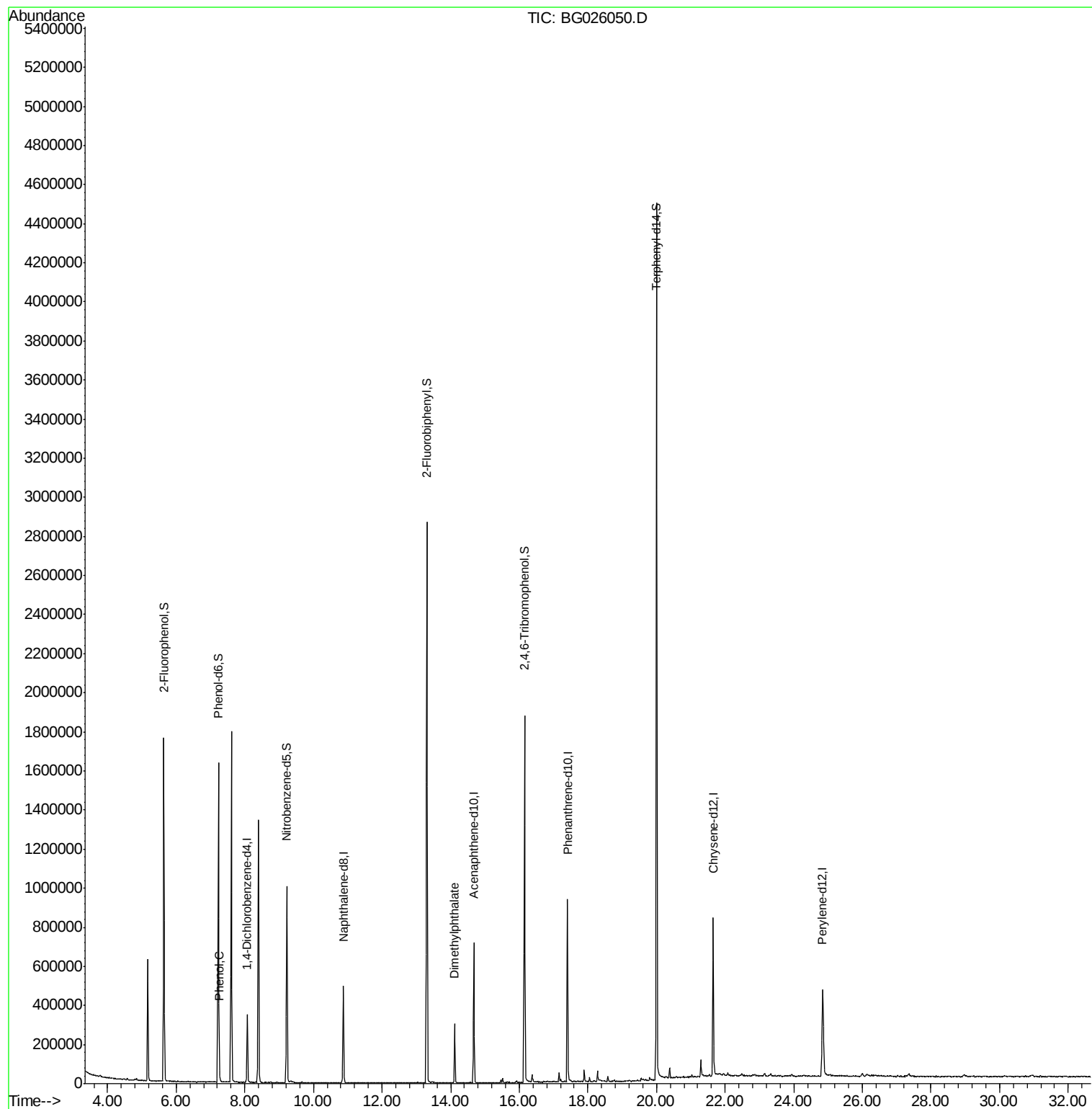
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	103264	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	441753	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	253315	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	582918	20.00	ng	-0.01
75) Chrysene-d12	21.65	240	533880	20.00	ng	-0.03
86) Perylene-d12	24.85	264	491959	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	824352	138.98	ng	-0.01
7) Phenol-d6	7.23	99	1109517	126.41	ng	0.00
23) Nitrobenzene-d5	9.23	82	627614	89.66	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	365591	156.21	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	1550201	106.93	ng	-0.02
78) Terphenyl-d14	20.00	244	1956600	89.13	ng	-0.02
Target Compounds						
10) Phenol	7.26	94	42665	4.47	ng	Qvalue # 69
49) Dimethylphthalate	14.12	163	217119	12.49	ng	96

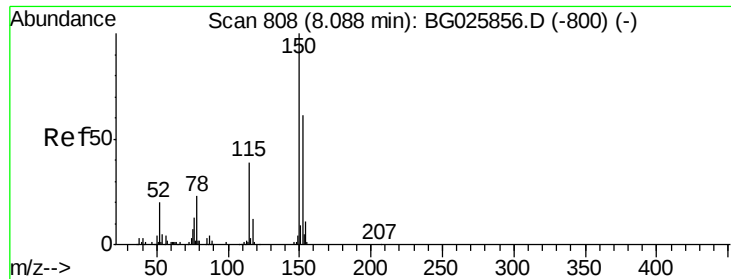
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.07 min Scan# 805

Delta R.T. -0.02 min

Lab File: BG026050.D

Acq: 3 Mar 2017 4:30

Instrument :

BNA_G

ClientSampleId :

27B-4

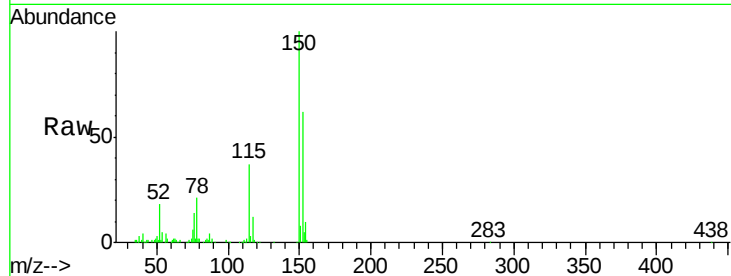
Tgt Ion:152 Resp: 103264

Ion Ratio Lower Upper

152 100

150 160.8 114.0 171.0

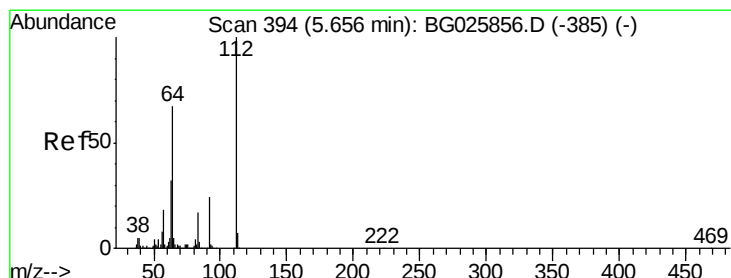
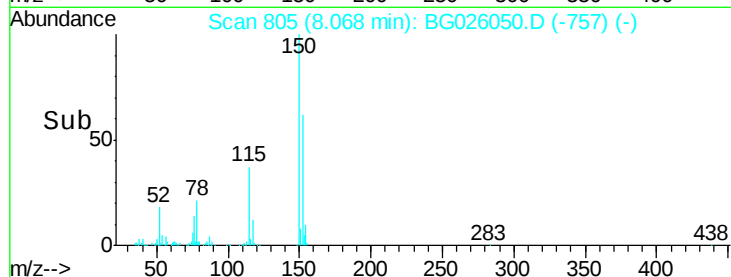
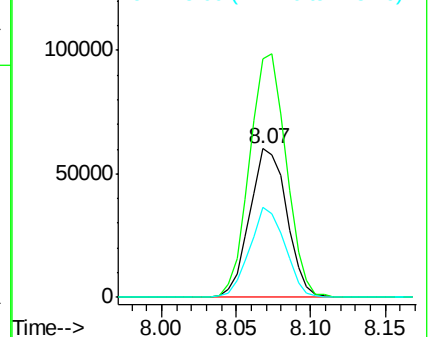
115 60.2 48.1 72.1



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: 138.98 ng

RT: 5.64 min Scan# 392

Delta R.T. -0.01 min

Lab File: BG026050.D

Acq: 3 Mar 2017 4:30

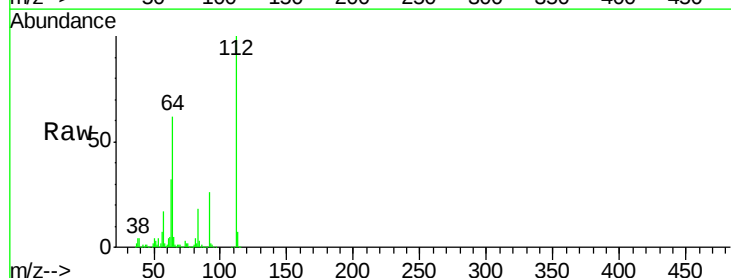
Tgt Ion:112 Resp: 824352

Ion Ratio Lower Upper

112 100

64 62.1 61.8 92.6

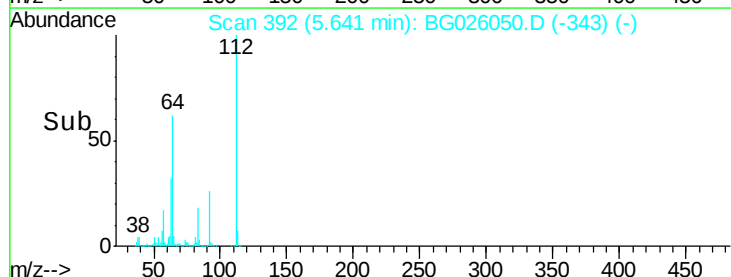
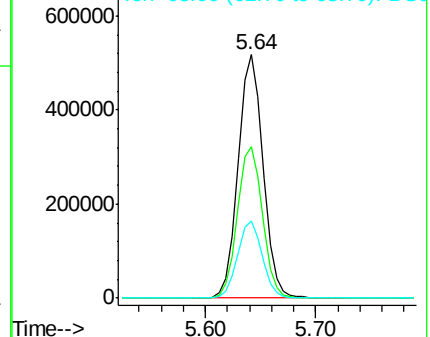
63 31.8 37.2 55.8#

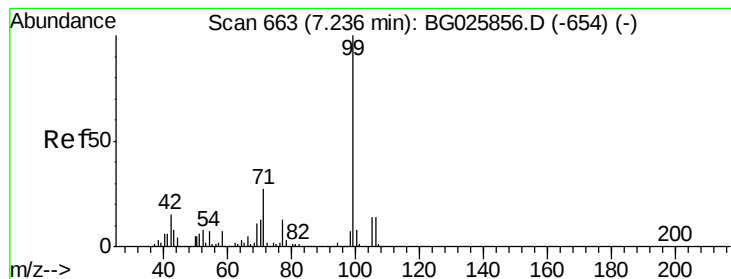


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 126.41 ng

RT: 7.23 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG026050.D

Acq: 3 Mar 2017 4:30

Instrument :

BNA_G

ClientSampleId :

27B-4

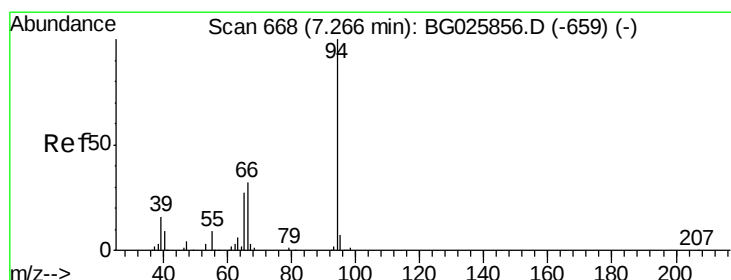
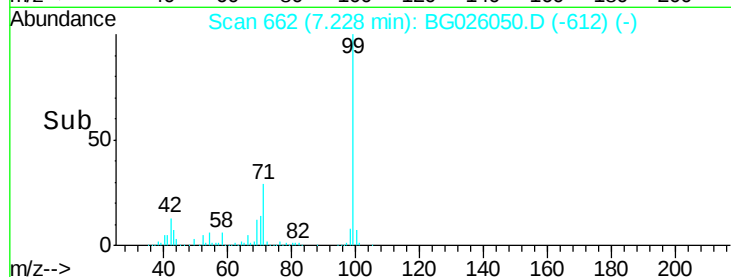
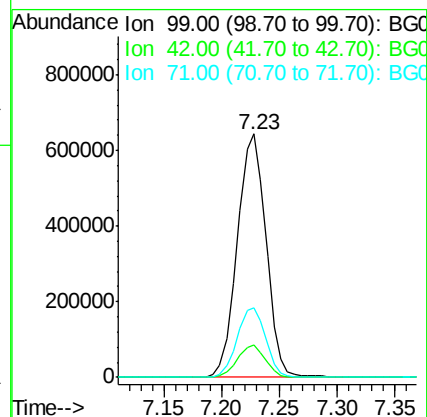
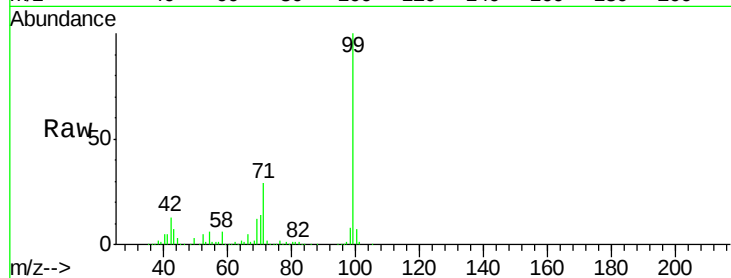
Tgt Ion: 99 Resp: 1109517

Ion Ratio Lower Upper

99 100

42 13.1 20.5 30.7#

71 28.5 37.6 56.4#



#10

Phenol

Concen: 4.47 ng

RT: 7.26 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG026050.D

Acq: 3 Mar 2017 4:30

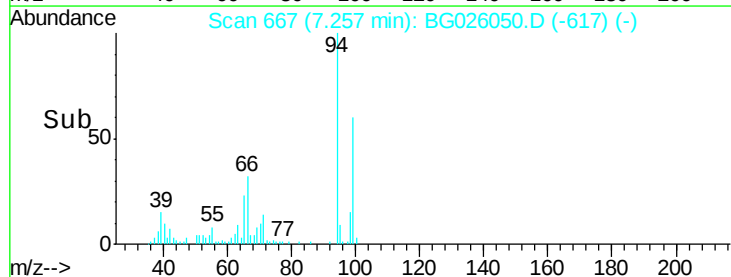
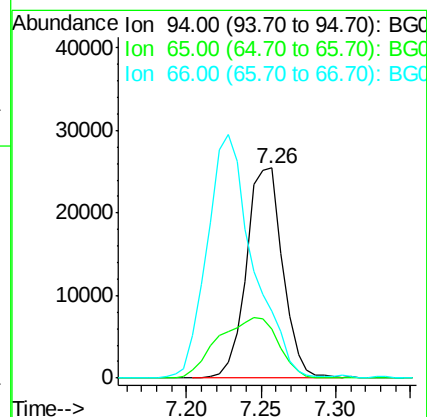
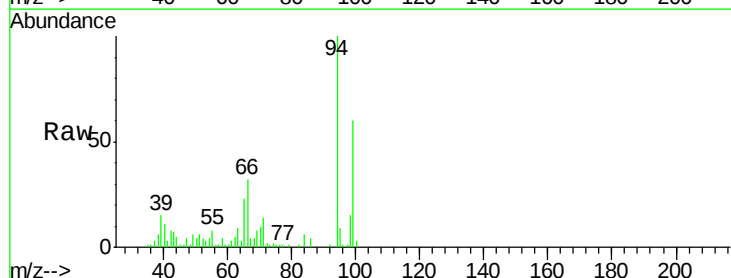
Tgt Ion: 94 Resp: 42665

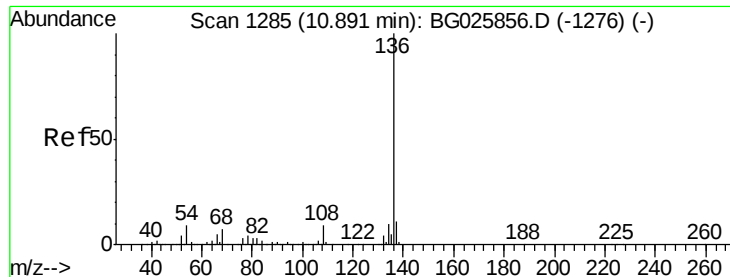
Ion Ratio Lower Upper

94 100

65 23.4 20.6 60.6

66 31.8 35.5 75.5#

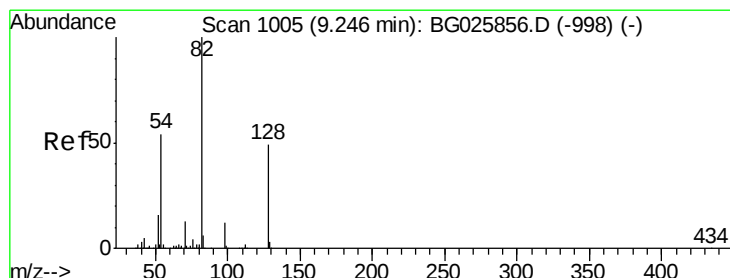
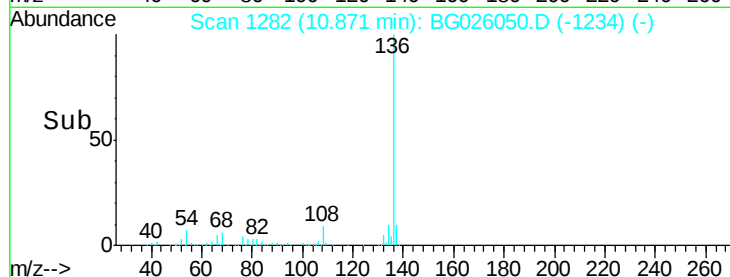
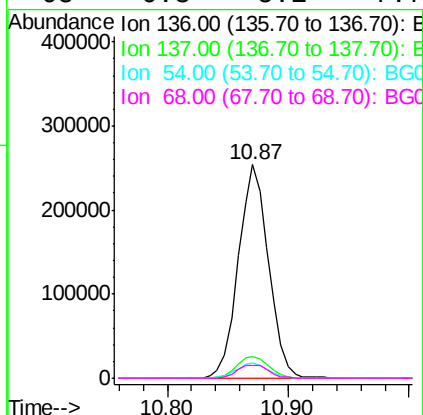
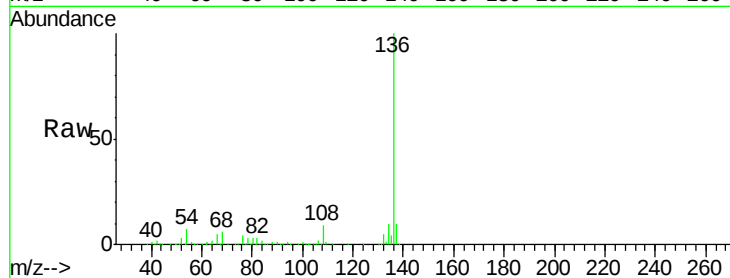




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.87 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BG026050.D
Acq: 3 Mar 2017 4:30

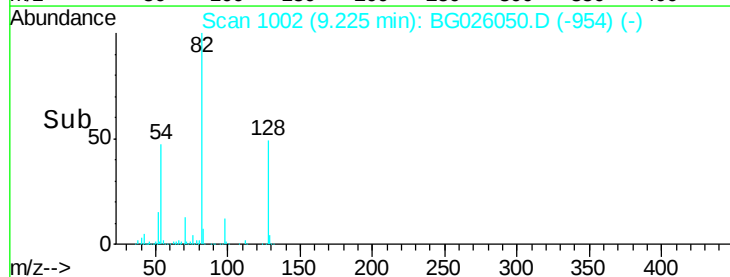
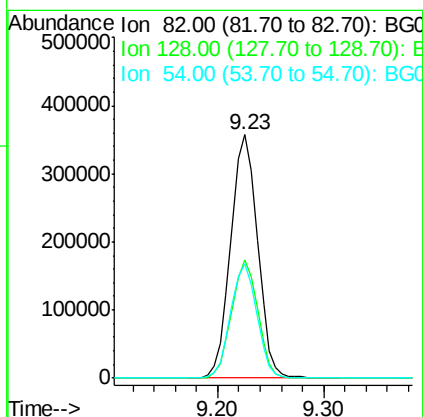
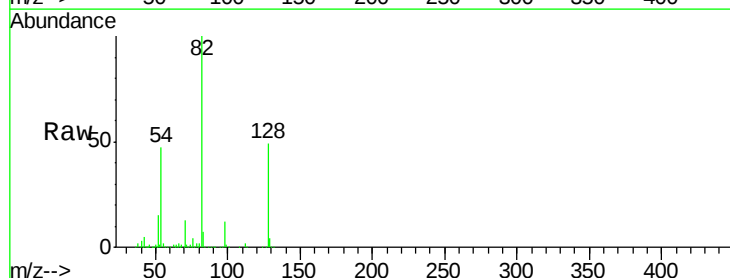
Instrument :
BNA_G
ClientSampleId :
27B-4

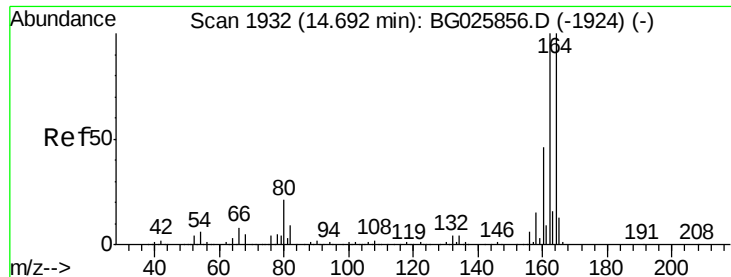
Tgt Ion:	136	Resp:	441753
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.9	13.3
54	7.3	9.3	13.9#
68	6.3	5.1	7.7



#23
Nitrobenzene-d5
Concen: 89.66 ng
RT: 9.23 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG026050.D
Acq: 3 Mar 2017 4:30

Tgt Ion:	82	Resp:	627614
Ion	Ratio	Lower	Upper
82	100		
128	48.7	26.4	39.6#
54	47.1	49.4	74.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.67 min Scan# 1929

Delta R.T. -0.02 min

Lab File: BG026050.D

Acq: 3 Mar 2017 4:30

Instrument :

BNA_G

ClientSampleId :

27B-4

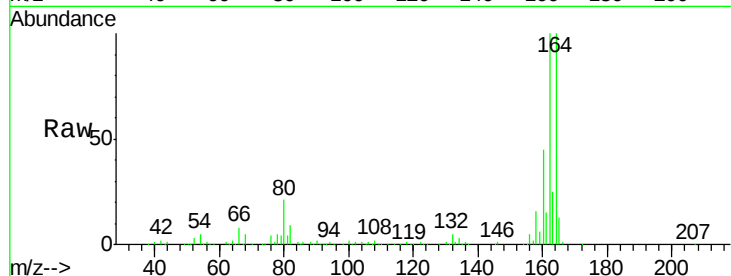
Tgt Ion:164 Resp: 253315

Ion Ratio Lower Upper

164 100

162 100.3 85.1 127.7

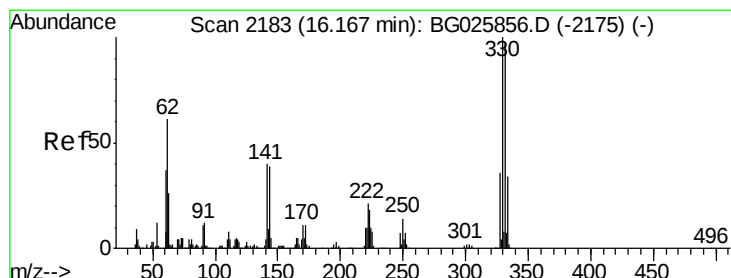
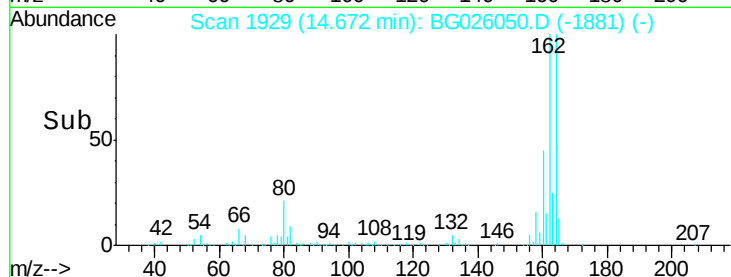
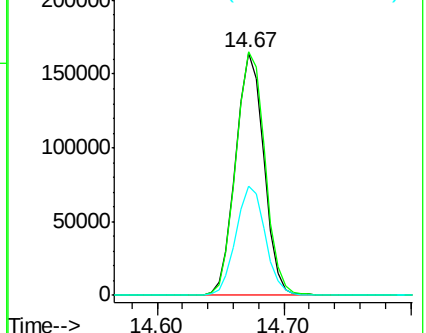
160 44.9 34.7 52.1



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: 156.21 ng

RT: 16.15 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BG026050.D

Acq: 3 Mar 2017 4:30

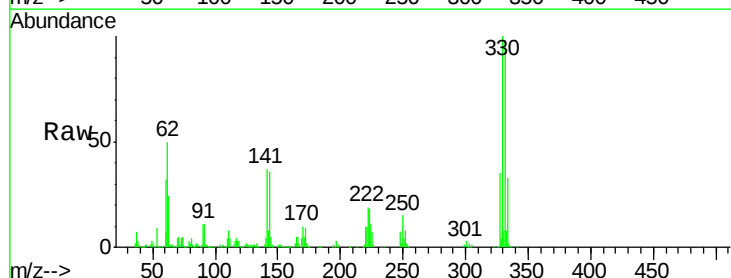
Tgt Ion:330 Resp: 365591

Ion Ratio Lower Upper

330 100

332 94.4 77.3 115.9

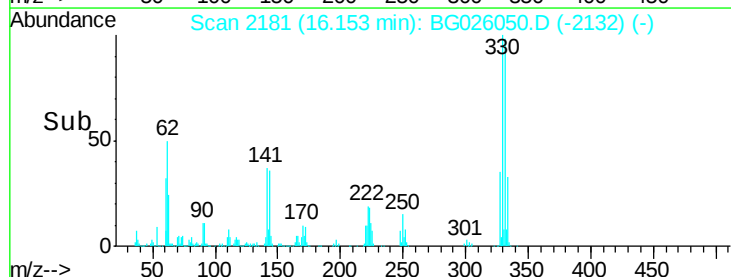
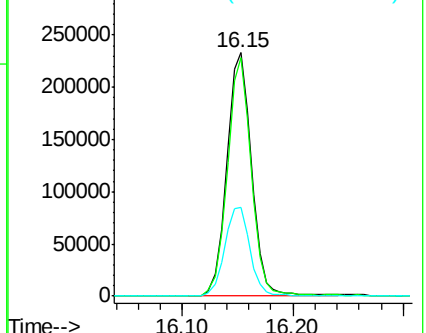
141 37.4 32.1 48.1

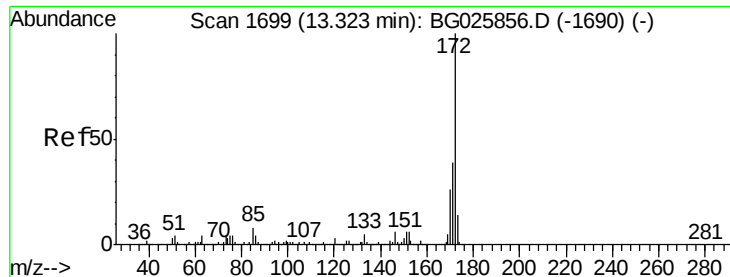


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

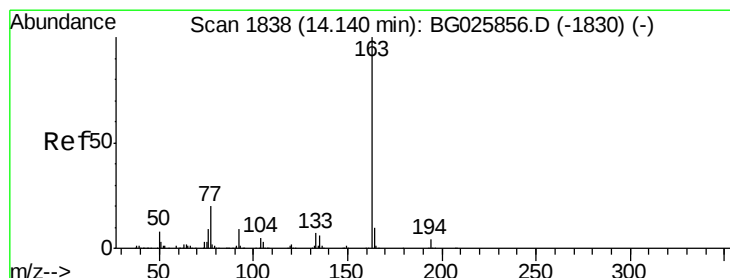
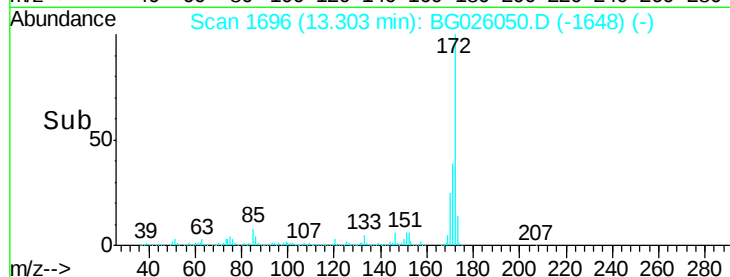
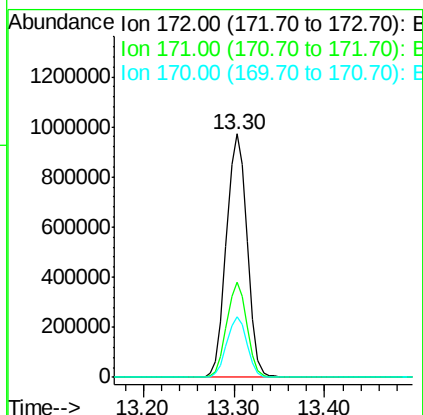
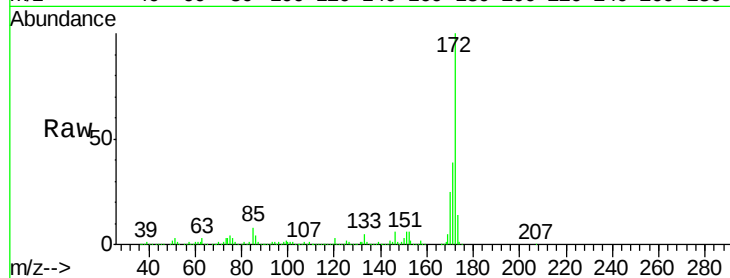




#44
2-Fluorobiphenyl
Concen: 106.93 ng
RT: 13.30 min Scan# 1696
Delta R.T. -0.02 min
Lab File: BG026050.D
Acq: 3 Mar 2017 4:30

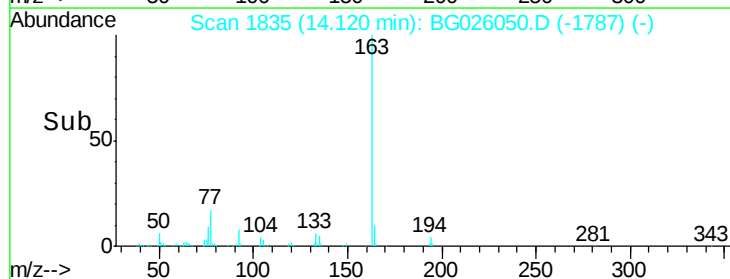
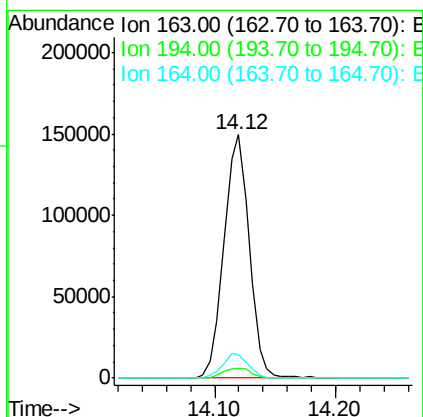
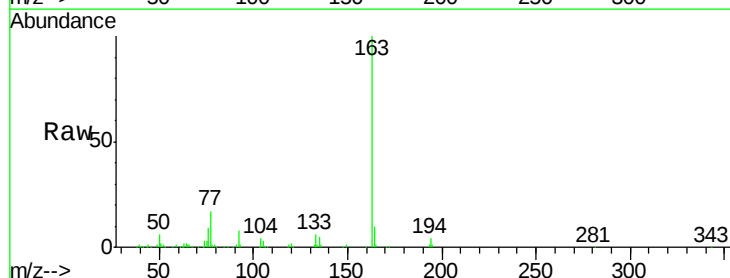
Instrument :
BNA_G
ClientSampleId :
27B-4

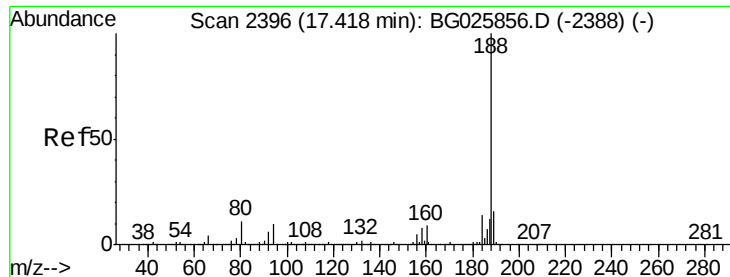
Tgt Ion:172 Resp: 1550201
Ion Ratio Lower Upper
172 100
171 38.9 32.2 48.2
170 24.8 21.8 32.6



#49
Dimethylphthalate
Concen: 12.49 ng
RT: 14.12 min Scan# 1835
Delta R.T. -0.02 min
Lab File: BG026050.D
Acq: 3 Mar 2017 4:30

Tgt Ion:163 Resp: 217119
Ion Ratio Lower Upper
163 100
194 4.1 3.8 5.6
164 9.7 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: BG026050.D

Acq: 3 Mar 2017 4:30

Instrument :

BNA_G

ClientSampled :

27B-4

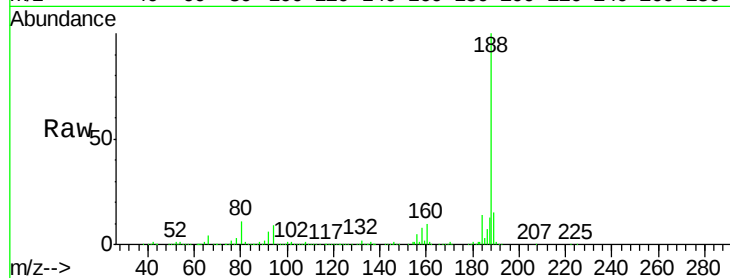
Tgt Ion:188 Resp: 582918

Ion Ratio Lower Upper

188 100

94 9.4 5.8 8.8#

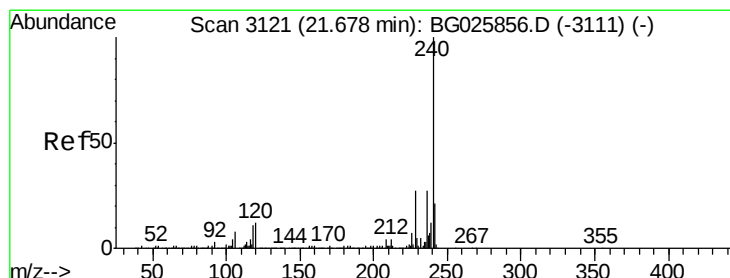
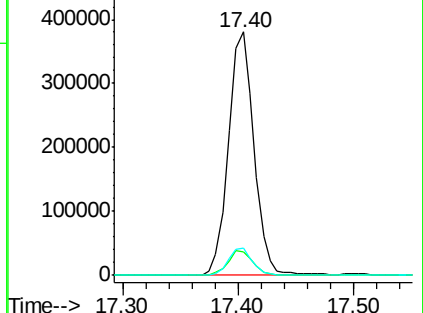
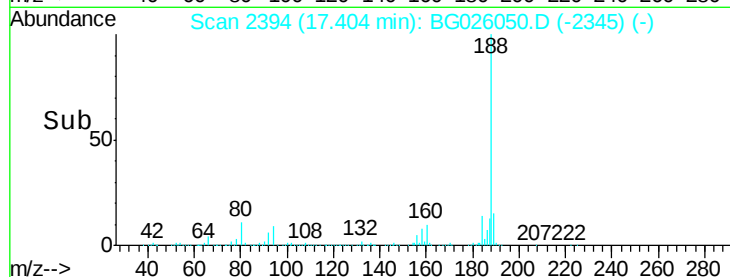
80 11.0 7.5 11.3



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# 3116

Delta R.T. -0.03 min

Lab File: BG026050.D

Acq: 3 Mar 2017 4:30

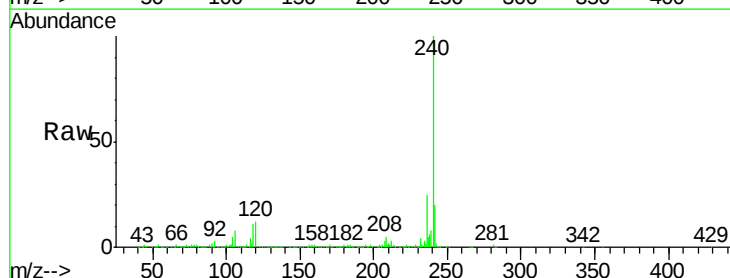
Tgt Ion:240 Resp: 533880

Ion Ratio Lower Upper

240 100

120 12.0 5.7 8.5#

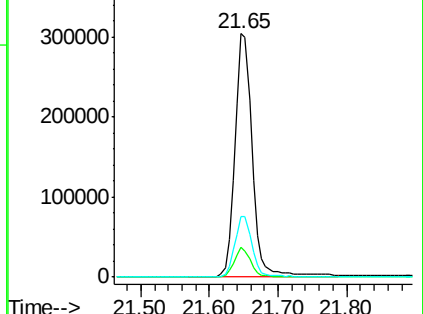
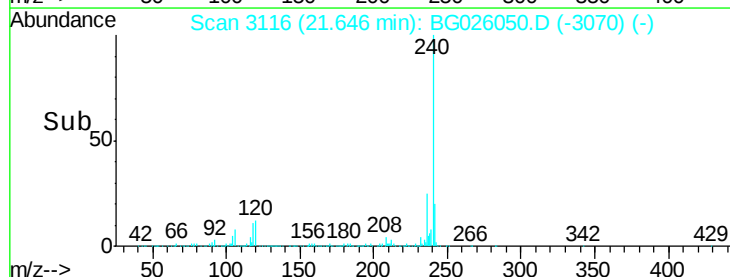
236 25.0 22.2 33.4

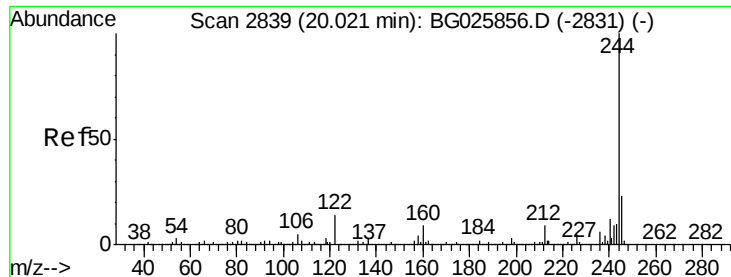


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 89.13 ng

RT: 20.00 min Scan# 2836

Delta R.T. -0.02 min

Lab File: BG026050.D

Acq: 3 Mar 2017 4:30

Instrument :

BNA_G

ClientSampleId :

27B-4

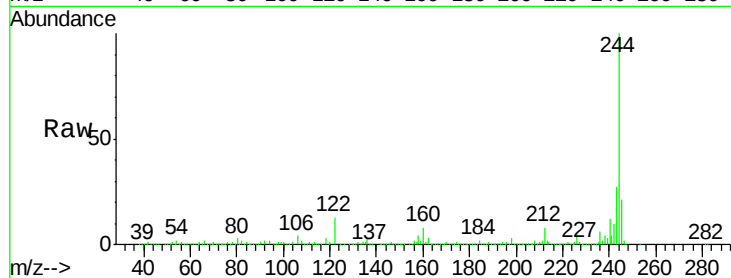
Tgt Ion:244 Resp: 1956600

Ion	Ratio	Lower	Upper
244	100		
212	8.4	10.0	15.0#
122	12.9	8.6	12.8#

244 100

212 8.4 10.0 15.0#

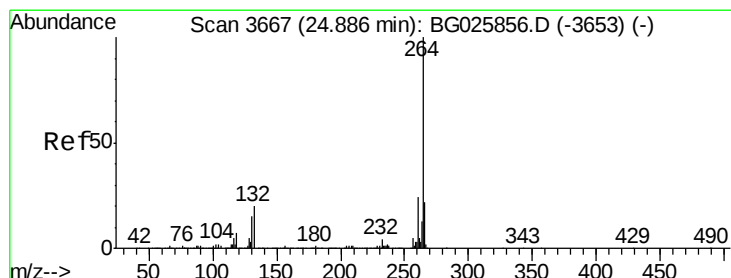
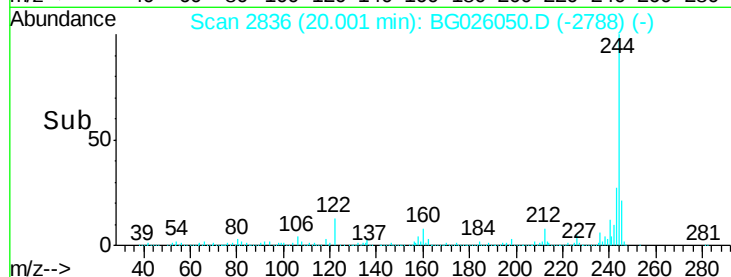
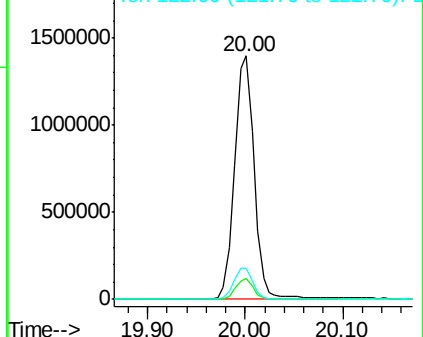
122 12.9 8.6 12.8#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.85 min Scan# 3661

Delta R.T. -0.04 min

Lab File: BG026050.D

Acq: 3 Mar 2017 4:30

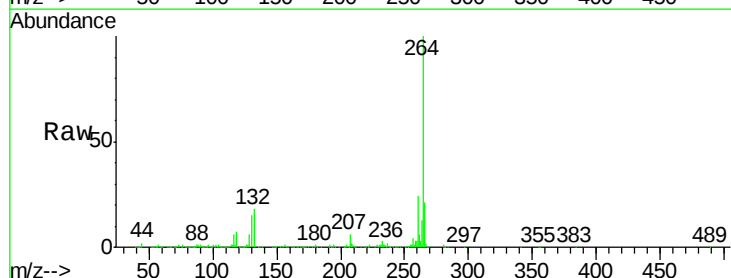
Tgt Ion:264 Resp: 491959

Ion	Ratio	Lower	Upper
264	100		
260	23.7	21.8	32.8
265	21.4	18.2	27.4

264 100

260 23.7 21.8 32.8

265 21.4 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

