

Data File : BG025945.D
Acq On : 24 Feb 2017 23:40
Operator : SJ/MA
Sample : I1980-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-8R

Quant Time: Feb 25 01:32:51 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 15:48:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	81784	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	371470	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	250652	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	689414	20.00	ng	0.00
75) Chrysene-d12	21.66	240	762936	20.00	ng	-0.02
86) Perylene-d12	24.86	264	732241	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	448905	95.56	ng	0.00
7) Phenol-d6	7.23	99	463838	66.73	ng	0.00
23) Nitrobenzene-d5	9.24	82	544346	92.48	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	482637	208.41	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1494261	104.17	ng	0.00
78) Terphenyl-d14	20.01	244	2432812	77.55	ng	-0.02
Target Compounds						
35) Caprolactam	11.76	113	14176	6.62	ng	Qvalue # 79
49) Dimethylphthalate	14.12	163	207255	12.05	ng	97

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

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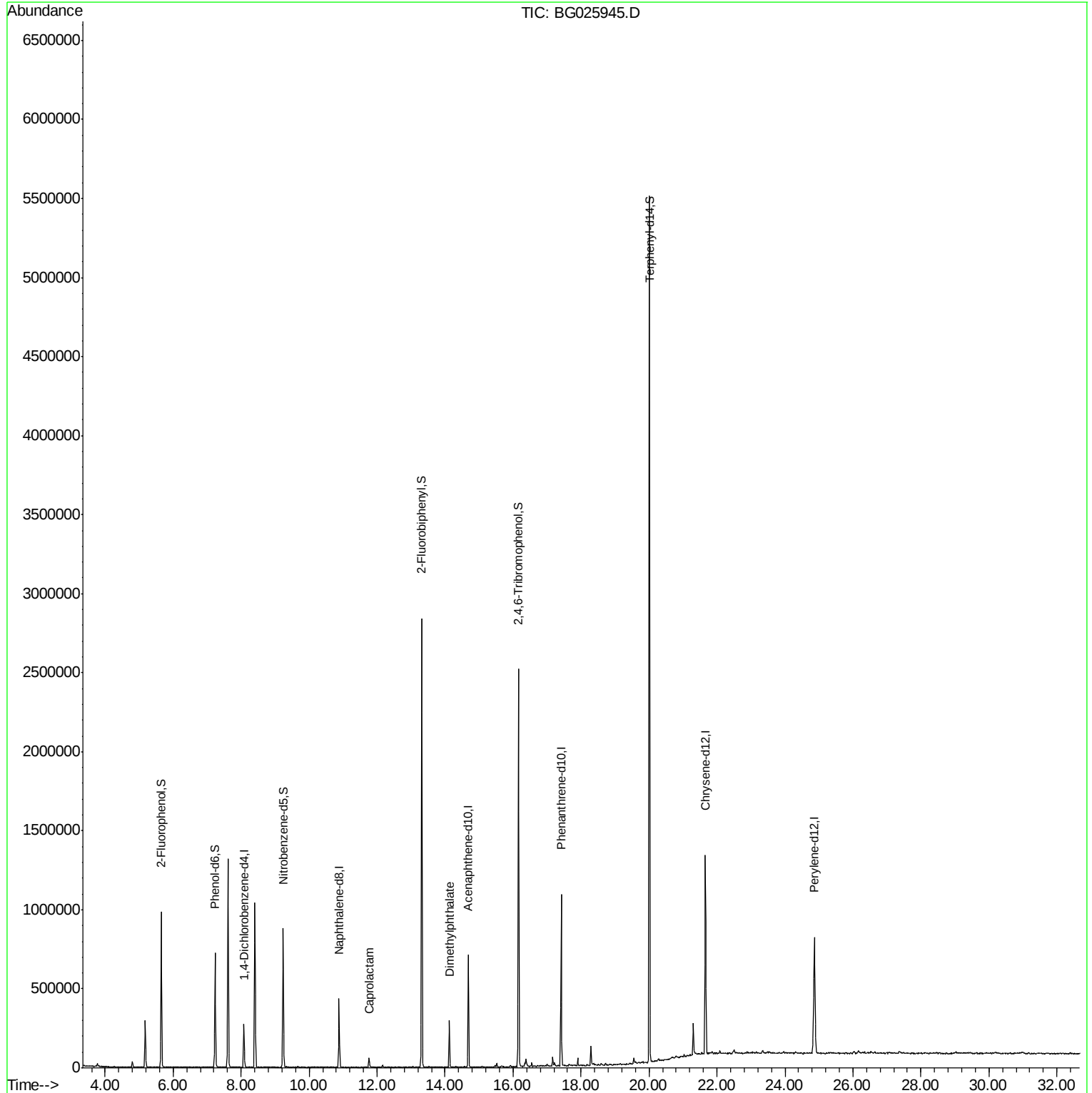
Quant Time: Feb 25 01:32:51 2017

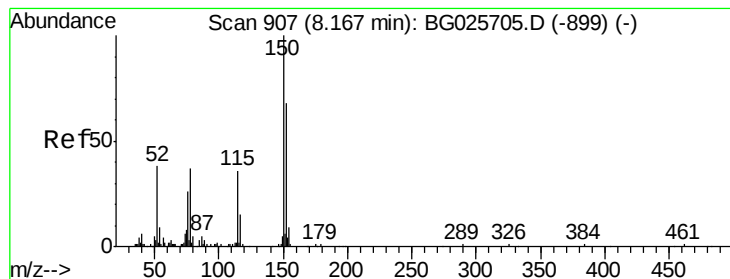
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Feb 17 15:48:21 2017

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.08 min Scan# 807

Delta R.T. -0.01 min

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Instrument :

BNA_G

ClientSampleId :

MW-8R

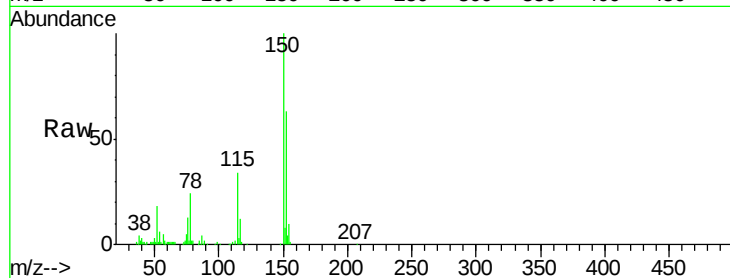
Tgt Ion:152 Resp: 81784

Ion Ratio Lower Upper

152 100

150 158.4 114.0 171.0

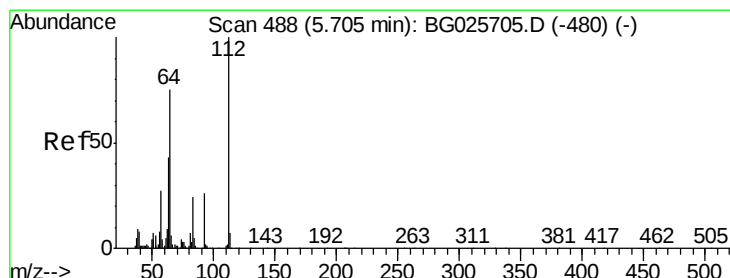
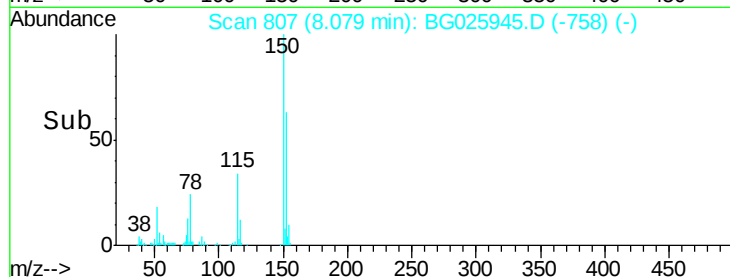
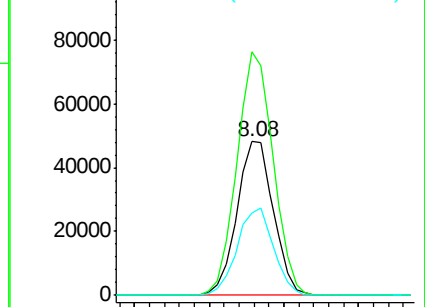
115 53.7 48.1 72.1



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: 95.56 ng

RT: 5.65 min Scan# 393

Delta R.T. -0.01 min

Lab File: BG025945.D

Acq: 24 Feb 2017 23:40

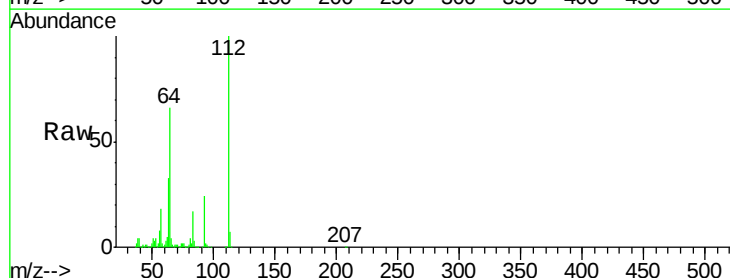
Tgt Ion:112 Resp: 448905

Ion Ratio Lower Upper

112 100

64 66.0 61.8 92.6

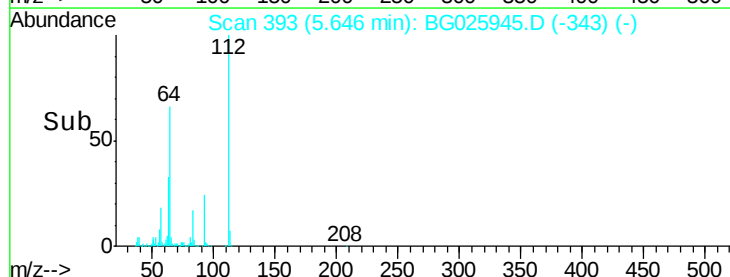
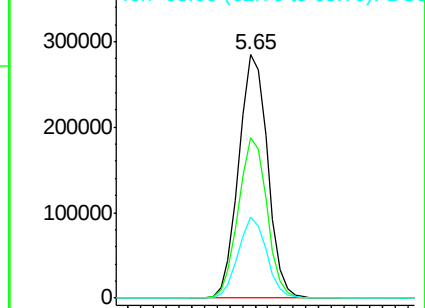
63 33.3 37.2 55.8#

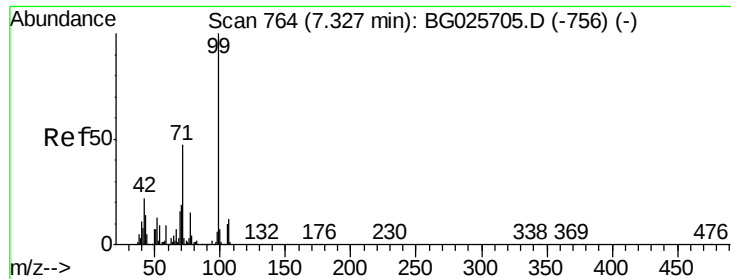


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 66.73 ng

RT: 7.23 min Scan# 663

Delta R.T. -0.00 min

Lab File: BG025945.D

Acq: 24 Feb 2017 23:40

Instrument :

BNA_G

ClientSampleId :

MW-8R

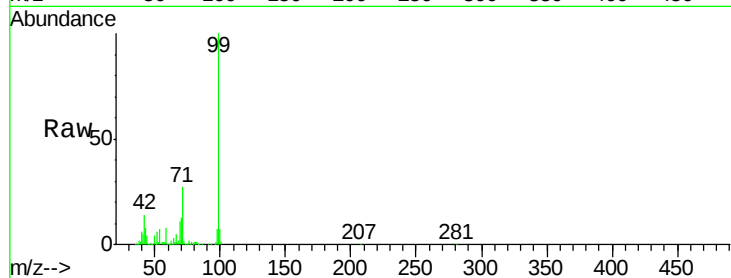
Tgt Ion: 99 Resp: 463838

Ion Ratio Lower Upper

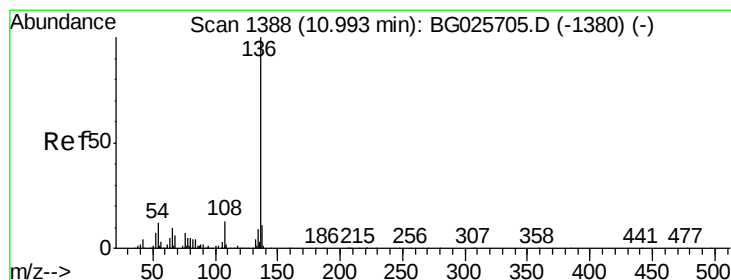
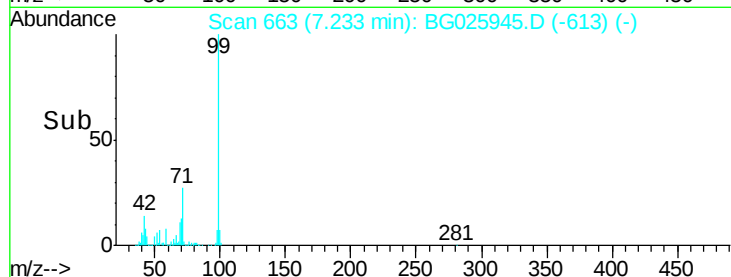
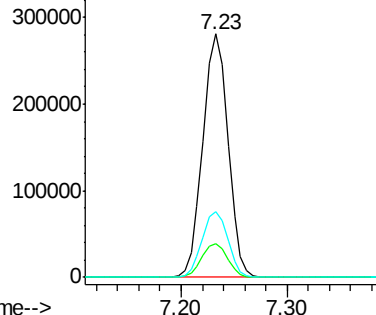
99 100

42 14.1 20.5 30.7#

71 26.8 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.88 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BG025945.D

Acq: 24 Feb 2017 23:40

Tgt Ion: 136 Resp: 371470

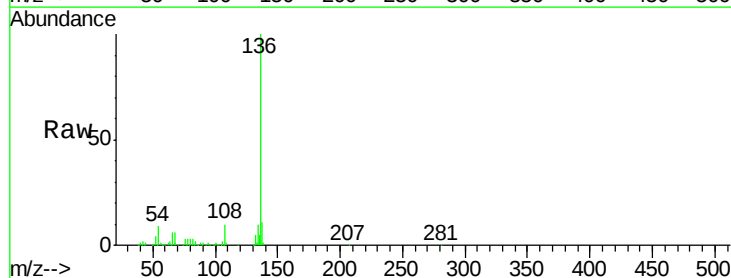
Ion Ratio Lower Upper

136 100

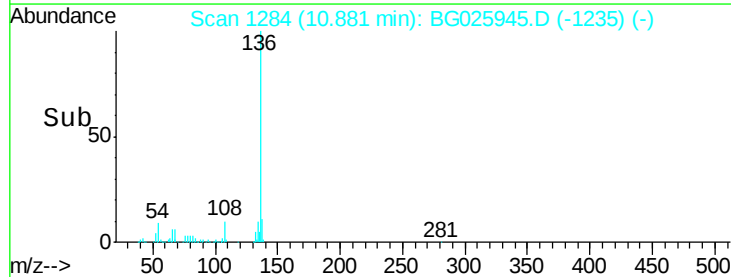
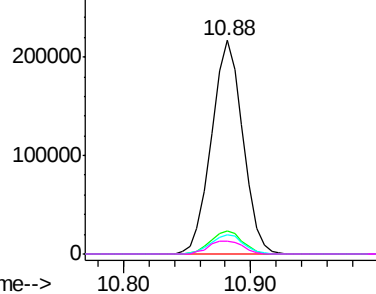
137 11.0 8.9 13.3

54 9.1 9.3 13.9#

68 6.2 5.1 7.7



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

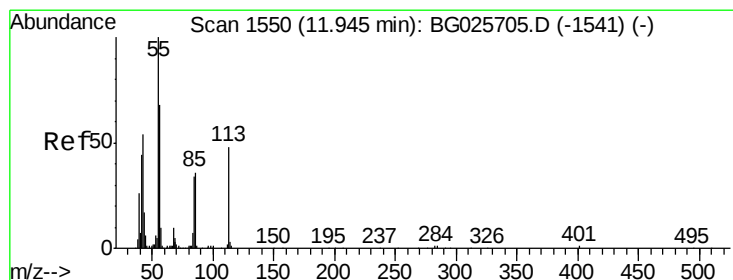
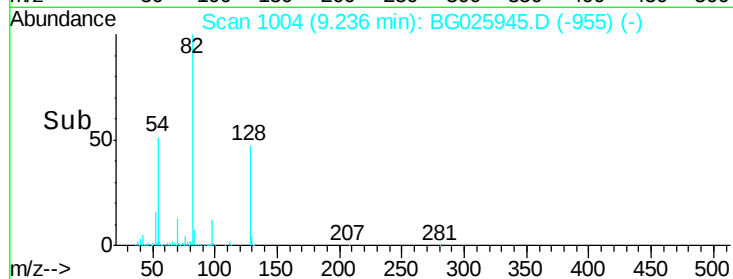
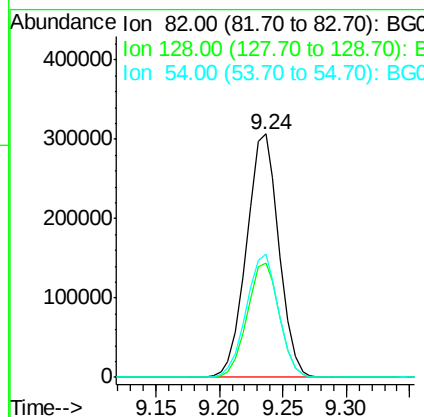
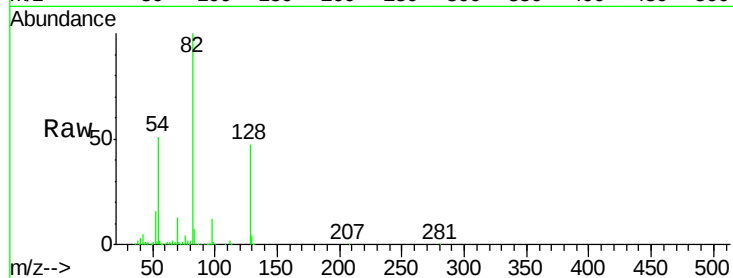




#23
 Nitrobenzene-d5
 Concen: 92.48 ng
 RT: 9.24 min Scan# 1004
 Delta R.T. -0.01 min
 Lab File: BG025945.D
 Acq: 24 Feb 2017 23:40

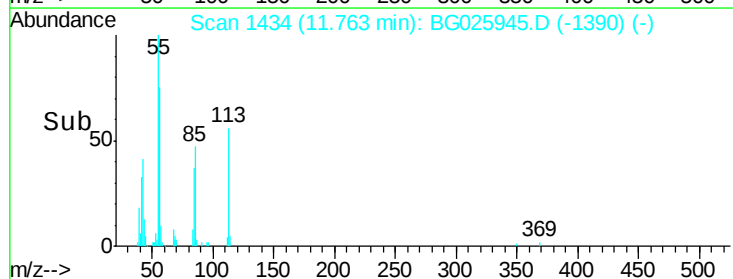
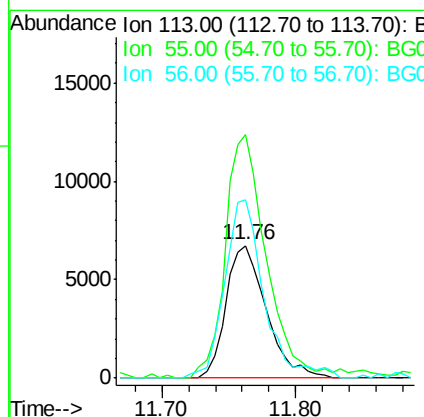
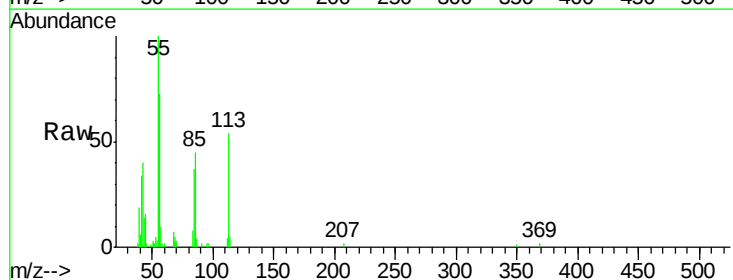
Instrument :
 BNA_G
 ClientSampleId :
 MW-8R

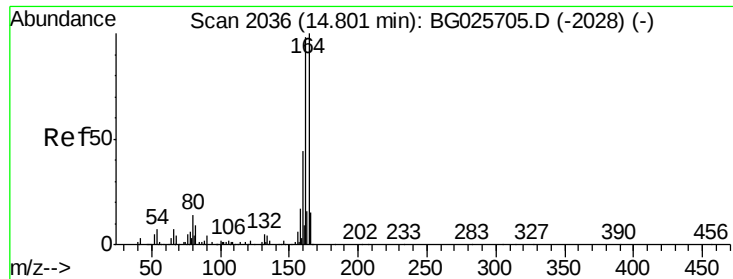
Tgt Ion: 82 Resp: 544346
 Ion Ratio Lower Upper
 82 100
 128 47.2 26.4 39.6#
 54 50.5 49.4 74.2



#35
 Caprolactam
 Concen: 6.62 ng
 RT: 11.76 min Scan# 1434
 Delta R.T. -0.04 min
 Lab File: BG025945.D
 Acq: 24 Feb 2017 23:40

Tgt Ion: 113 Resp: 14176
 Ion Ratio Lower Upper
 113 100
 55 183.6 198.6 238.6#
 56 134.7 140.4 180.4#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.68 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BG025945.D

Acq: 24 Feb 2017 23:40

Instrument :

BNA_G

ClientSampleId :

MW-8R

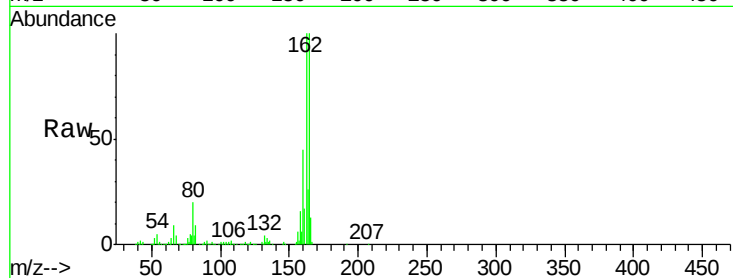
Tgt Ion:164 Resp: 250652

Ion Ratio Lower Upper

164 100

162 100.0 85.1 127.7

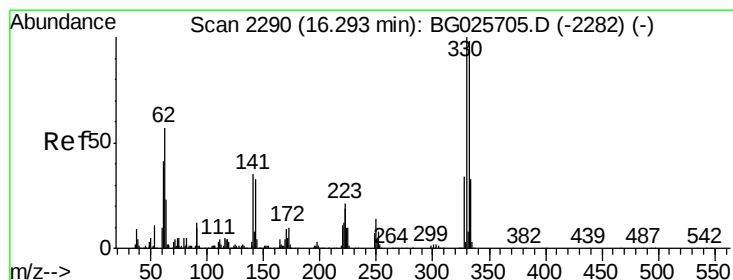
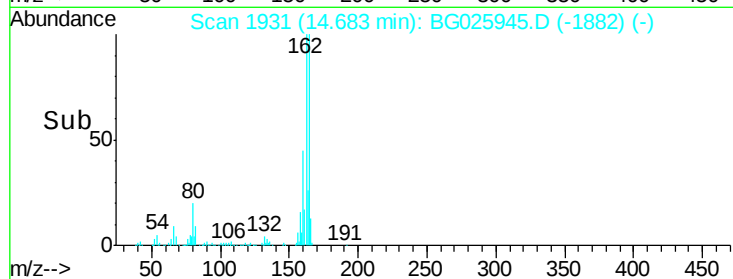
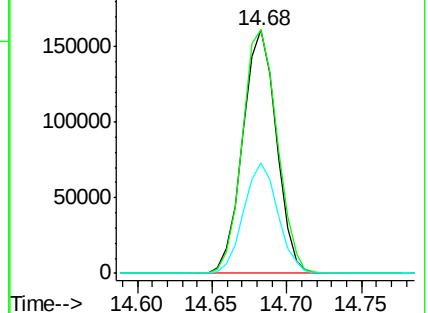
160 45.3 34.7 52.1



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: 208.41 ng

RT: 16.16 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BG025945.D

Acq: 24 Feb 2017 23:40

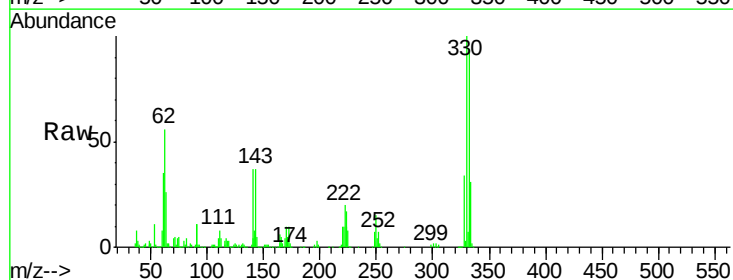
Tgt Ion:330 Resp: 482637

Ion Ratio Lower Upper

330 100

332 96.4 77.3 115.9

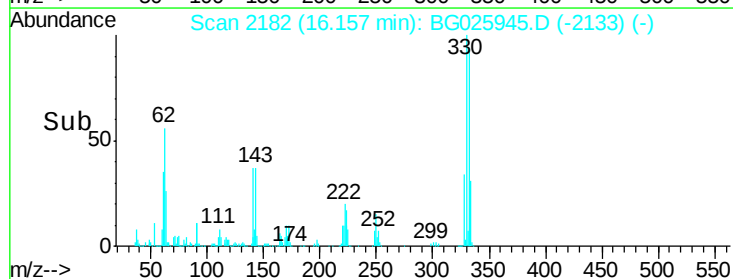
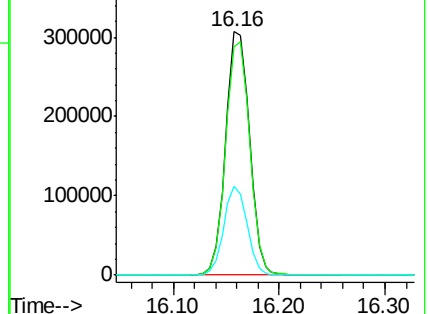
141 35.8 32.1 48.1

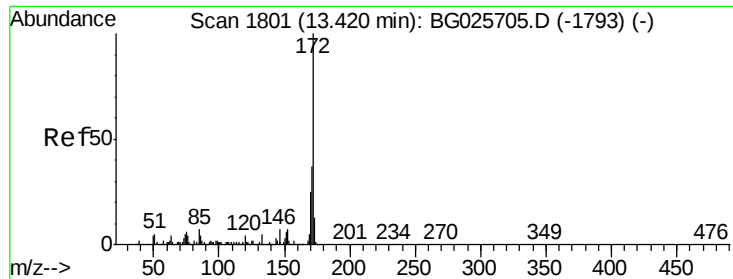


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

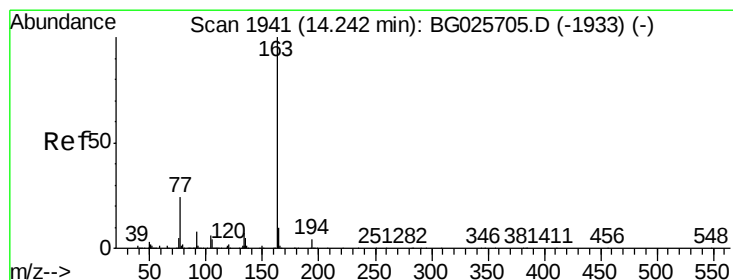
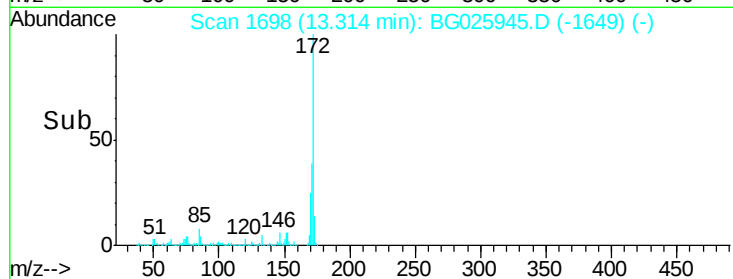
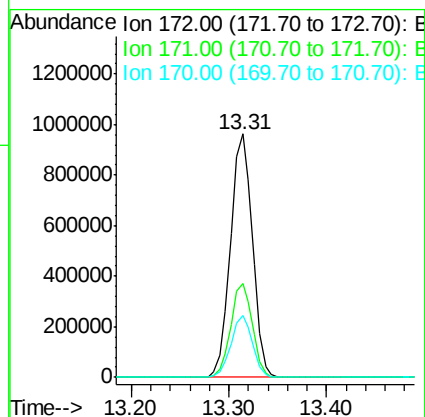
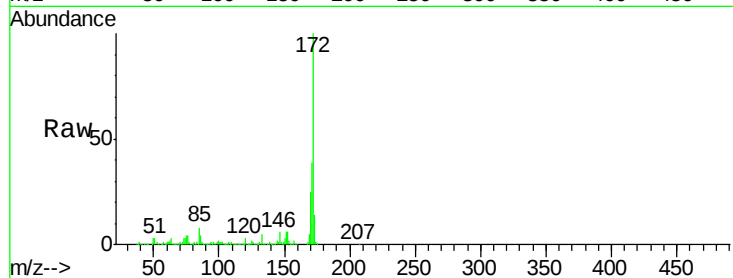




#44
 2-Fluorobiphenyl
 Concen: 104.17 ng
 RT: 13.31 min Scan# 1698
 Delta R.T. -0.01 min
 Lab File: BG025945.D
 Acq: 24 Feb 2017 23:40

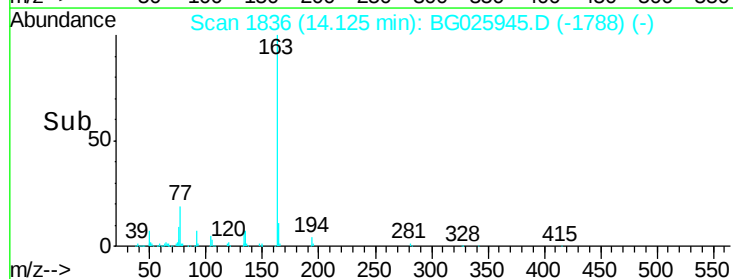
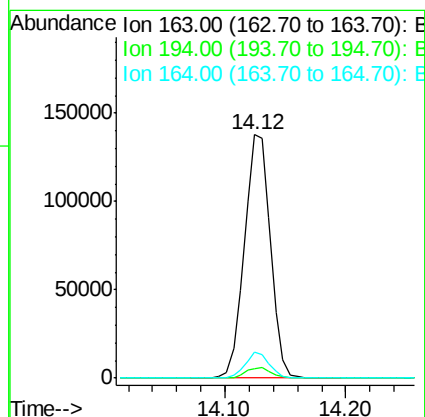
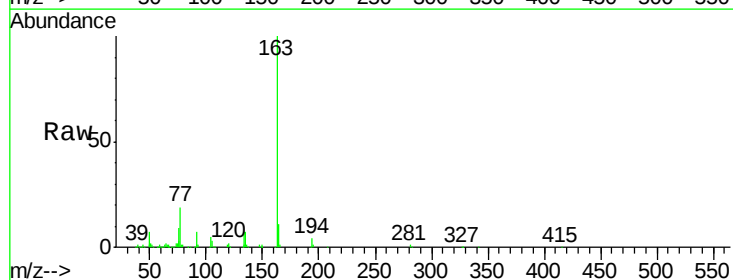
Instrument :
 BNA_G
 ClientSampleId :
 MW-8R

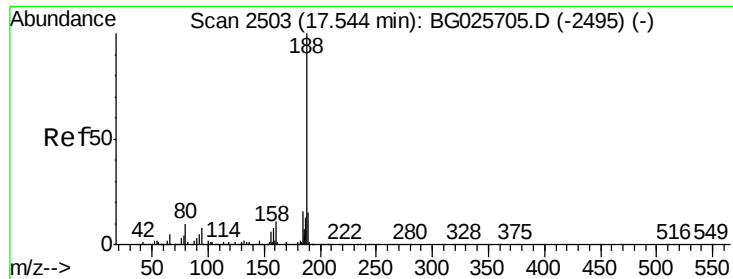
Tgt Ion:172 Resp: 1494261
 Ion Ratio Lower Upper
 172 100
 171 38.7 32.2 48.2
 170 25.2 21.8 32.6



#49
 Dimethylphthalate
 Concen: 12.05 ng
 RT: 14.12 min Scan# 1836
 Delta R.T. -0.02 min
 Lab File: BG025945.D
 Acq: 24 Feb 2017 23:40

Tgt Ion:163 Resp: 207255
 Ion Ratio Lower Upper
 163 100
 194 3.8 3.8 5.6
 164 10.6 9.3 13.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.41 min Scan# 2396

Delta R.T. -0.00 min

Lab File: BG025945.D

Acq: 24 Feb 2017 23:40

Instrument :

BNA_G

ClientSampleId :

MW-8R

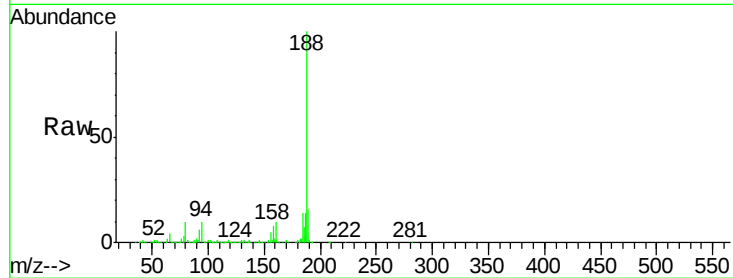
Tgt Ion:188 Resp: 689414

Ion Ratio Lower Upper

188 100

94 9.8 5.8 8.8#

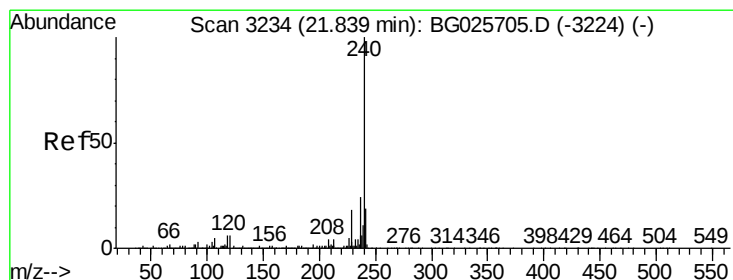
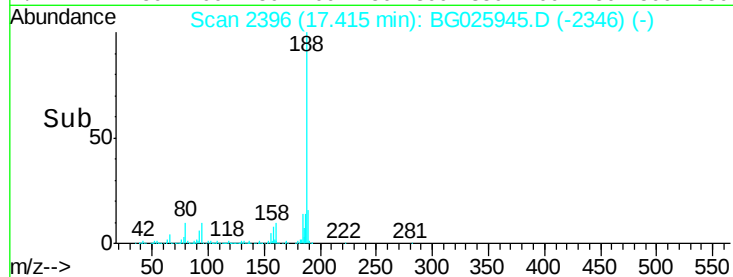
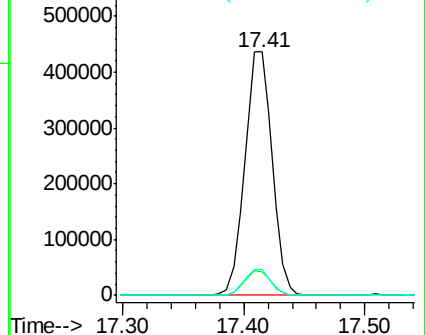
80 10.4 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.66 min Scan# 3118

Delta R.T. -0.02 min

Lab File: BG025945.D

Acq: 24 Feb 2017 23:40

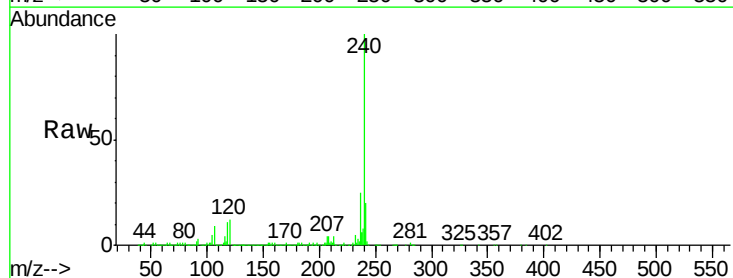
Tgt Ion:240 Resp: 762936

Ion Ratio Lower Upper

240 100

120 12.4 5.7 8.5#

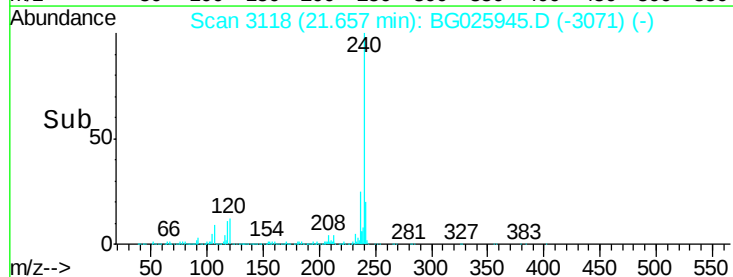
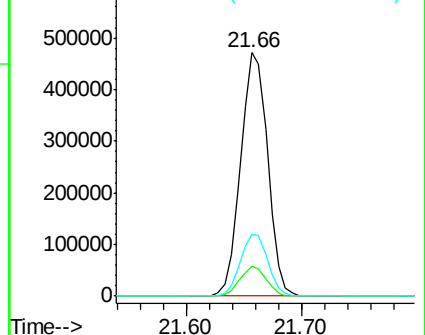
236 25.3 22.2 33.4

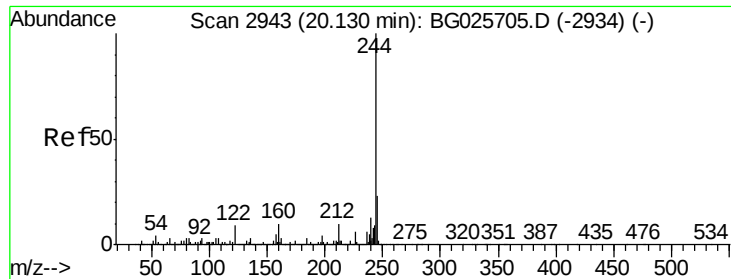


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 77.55 ng

RT: 20.01 min Scan# 2837

Delta R.T. -0.02 min

Lab File: BG025945.D

Acq: 24 Feb 2017 23:40

Instrument :

BNA_G

ClientSampleId :

MW-8R

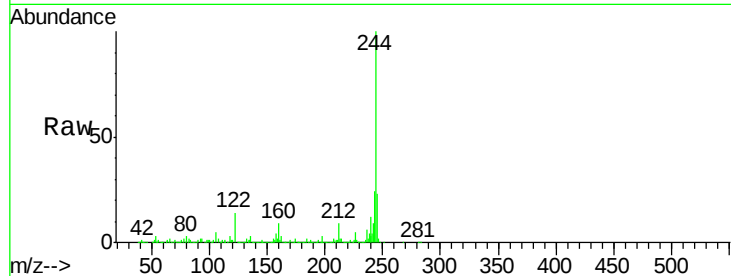
Tgt Ion:244 Resp: 2432812

Ion Ratio Lower Upper

244 100

212 8.6 10.0 15.0#

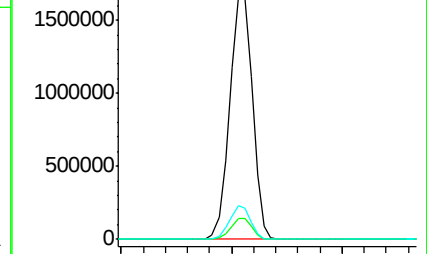
122 14.0 8.6 12.8#



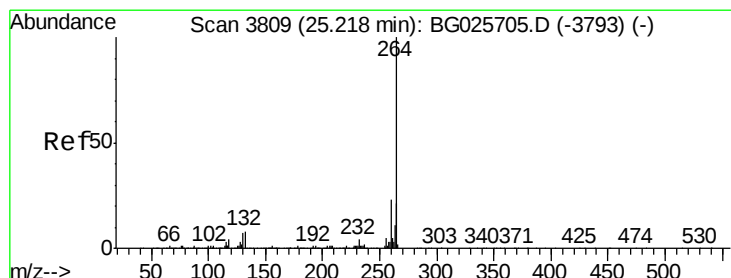
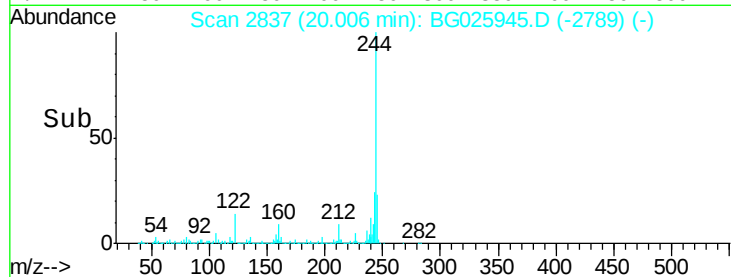
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 19.90 20.00 20.10



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.86 min Scan# 3664

Delta R.T. -0.02 min

Lab File: BG025945.D

Acq: 24 Feb 2017 23:40

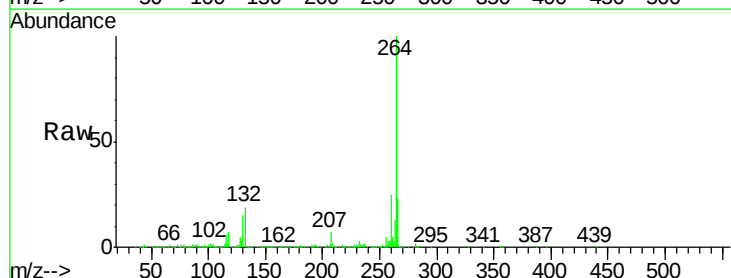
Tgt Ion:264 Resp: 732241

Ion Ratio Lower Upper

264 100

260 25.4 21.8 32.8

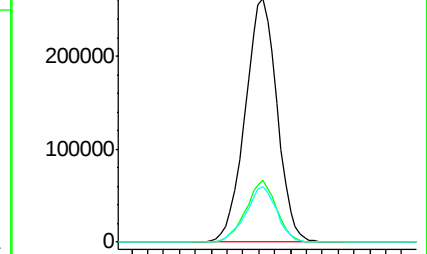
265 22.7 18.2 27.4



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



Time--> 24.70 24.80 24.90 25.00

