

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120117\
 Data File : BG031329.D
 Acq On : 1 Dec 2017 22:09
 Operator : SJ/JU
 Sample : I6671-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ENV-105-3(10-15)

Quant Time: Dec 02 01:59:58 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

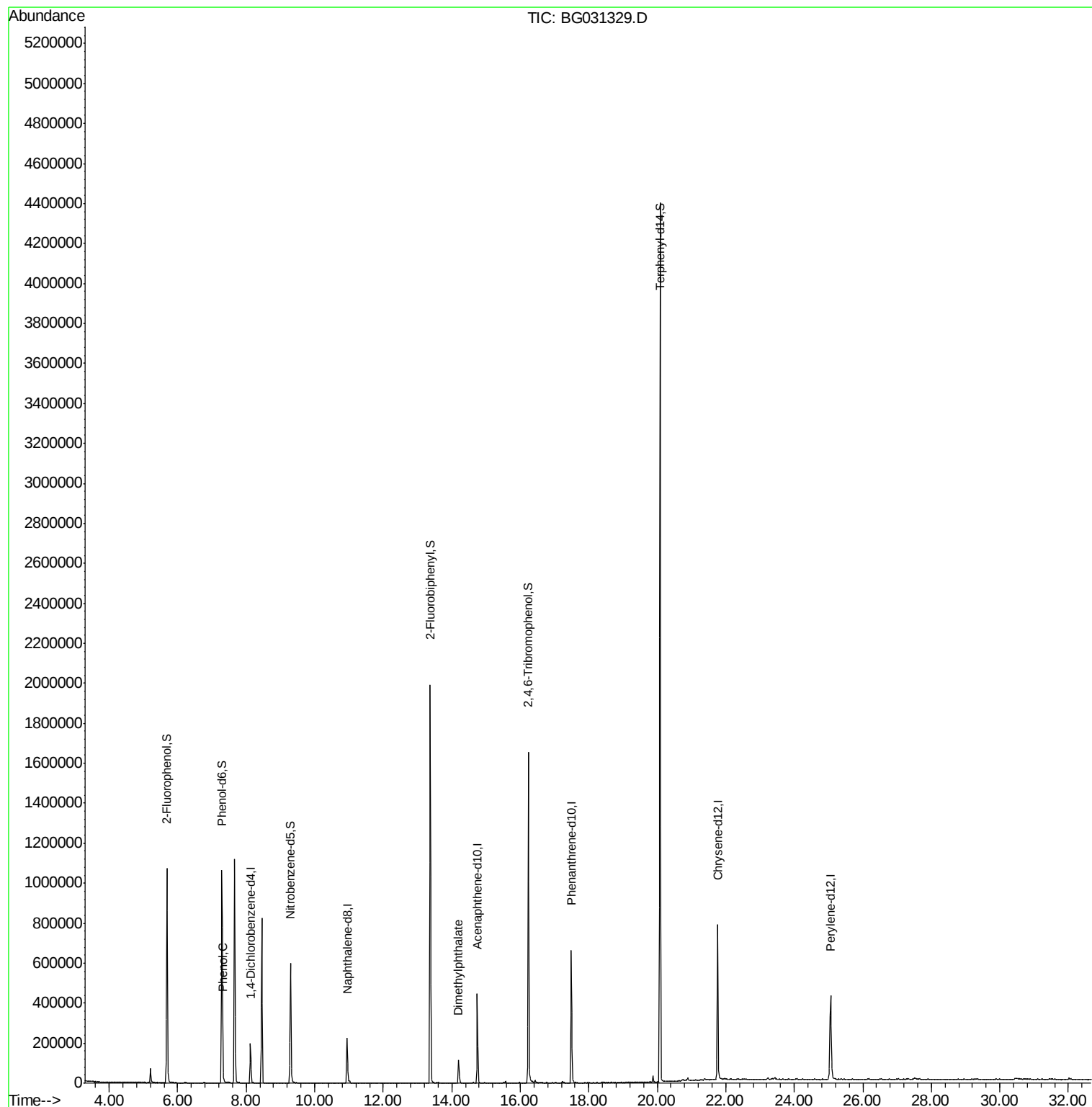
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	60436	20.00	ng	-0.03
21) Naphthalene-d8	10.95	136	258472	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	171512	20.00	ng	-0.03
63) Phenanthrene-d10	17.49	188	454595	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	530222	20.00	ng	-0.02
86) Perylene-d12	25.05	264	515564	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	548176	155.53	ng	-0.02
7) Phenol-d6	7.29	99	709881	149.50	ng	-0.01
23) Nitrobenzene-d5	9.30	82	413084	94.70	ng	-0.03
41) 2,4,6-Tribromophenol	16.23	330	353280	127.33	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	1145606	95.98	ng	-0.03
78) Terphenyl-d14	20.08	244	2097938	87.37	ng	-0.01
Target Compounds						
10) Phenol	7.32	94	17875	3.63	ng	85
49) Dimethylphthalate	14.20	163	117404	7.92	ng	99

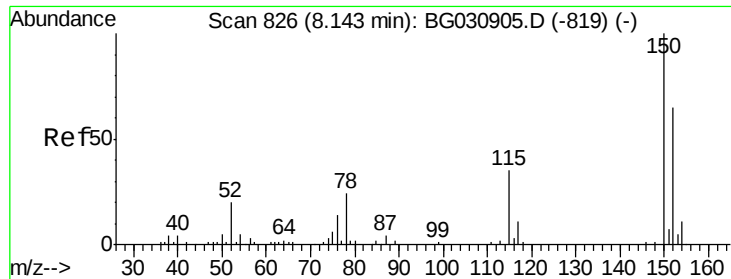
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 02 01:59:58 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
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QLast Update : Fri Nov 10 15:38:25 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.13 min Scan# 823

Delta R.T. -0.03 min

Lab File: BG031329.D

Acq: 1 Dec 2017 22:09

Instrument :

BNA_G

ClientSampleId :

ENV-105-3(10-15)

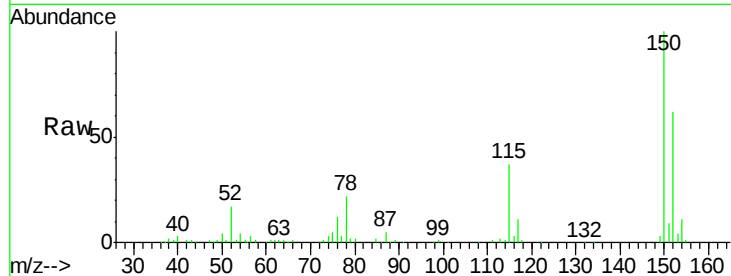
Tot Ion:152 Resp: 60436

Ion Ratio Lower Upper

152 100

150 160.5 126.6 189.8

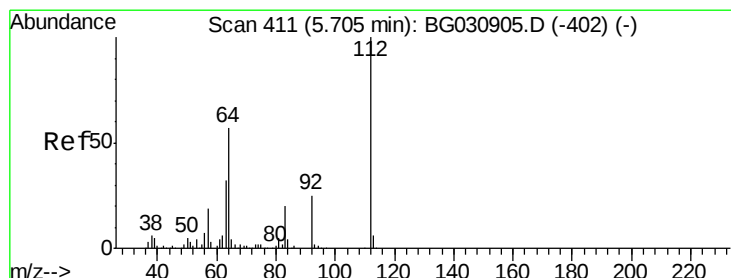
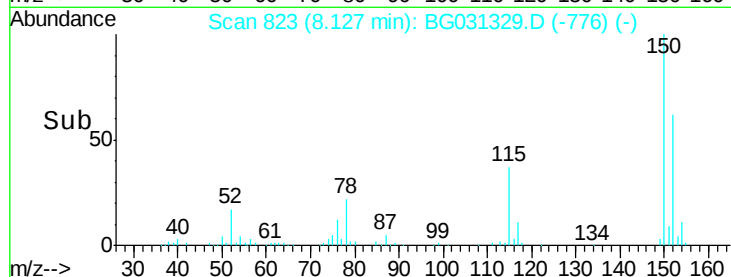
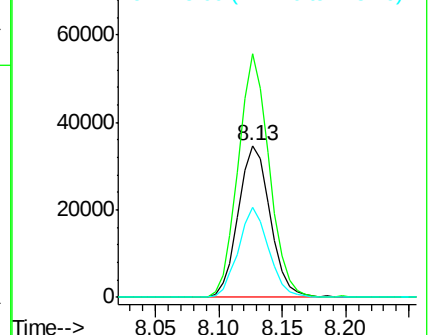
115 59.3 53.0 79.4



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: 155.53 ng

RT: 5.69 min Scan# 408

Delta R.T. -0.02 min

Lab File: BG031329.D

Acq: 1 Dec 2017 22:09

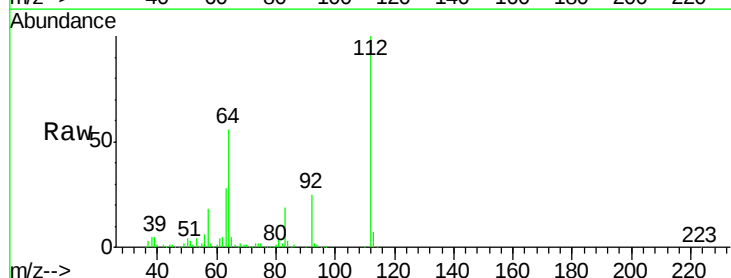
Tgt Ion:112 Resp: 548176

Ion Ratio Lower Upper

112 100

64 56.4 56.3 84.5

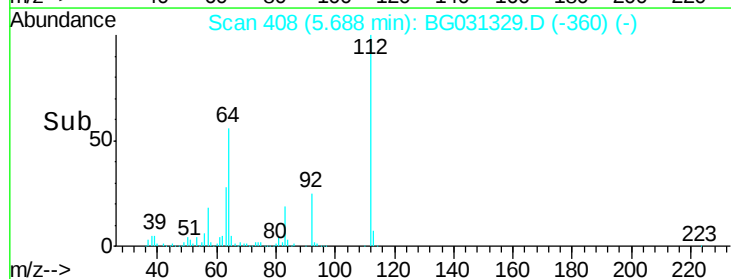
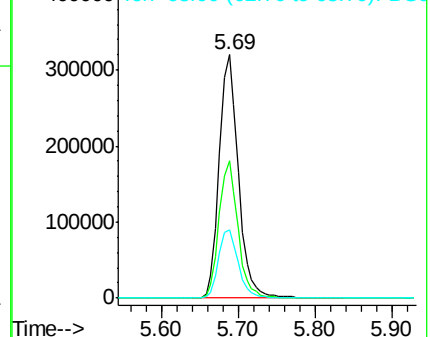
63 27.9 30.1 45.1#

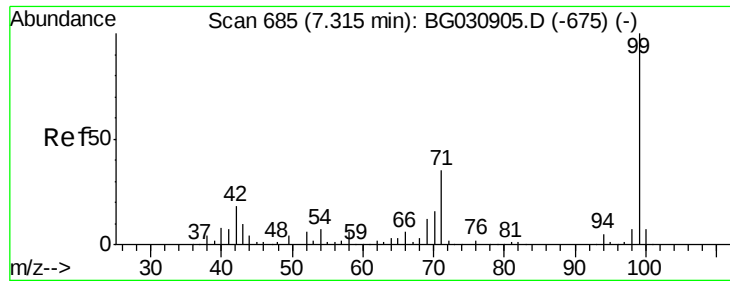


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 149.50 ng

RT: 7.29 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG031329.D

Acq: 1 Dec 2017 22:09

Instrument :

BNA_G

ClientSampleId :

ENV-105-3(10-15)

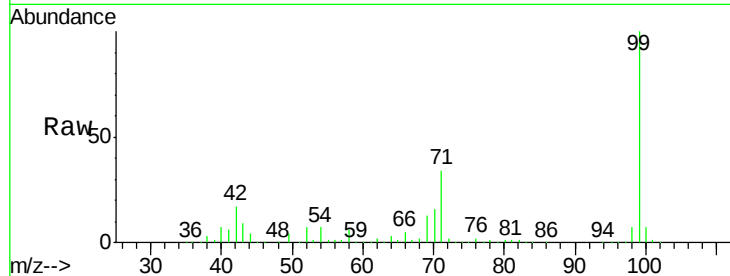
Tot Ion: 99 Resp: 709881

Ion Ratio Lower Upper

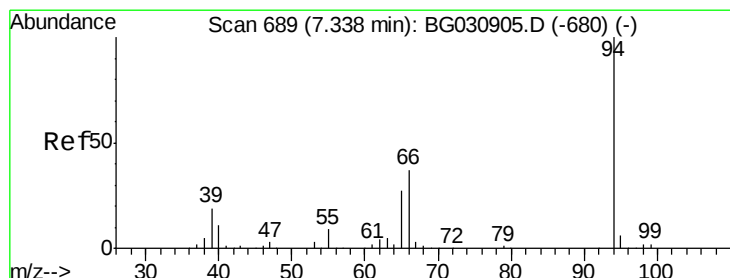
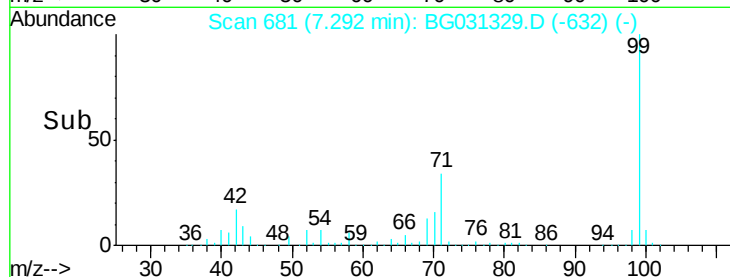
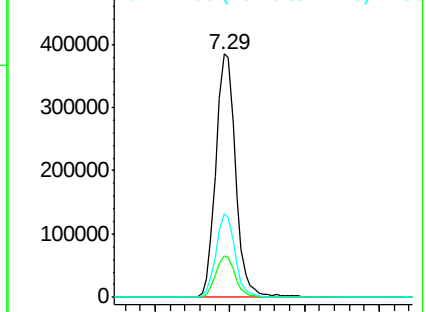
99 100

42 17.0 14.1 21.1

71 34.2 26.1 39.1



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: 3.63 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG031329.D

Acq: 1 Dec 2017 22:09

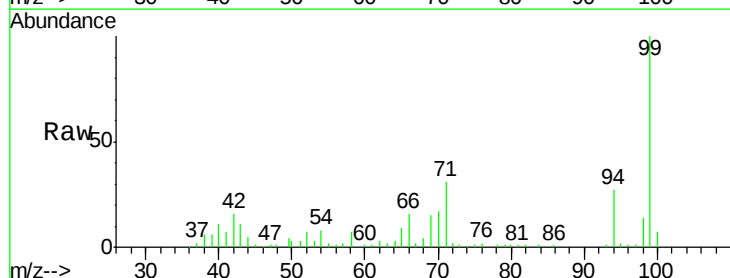
Tgt Ion: 94 Resp: 17875

Ion Ratio Lower Upper

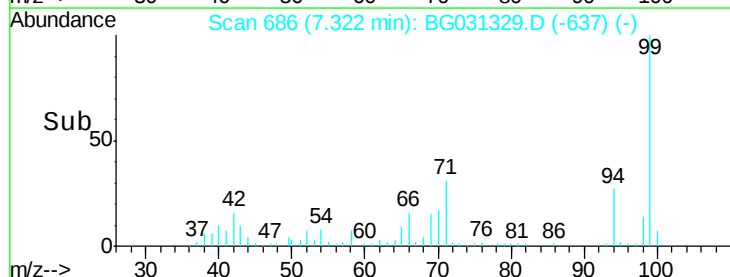
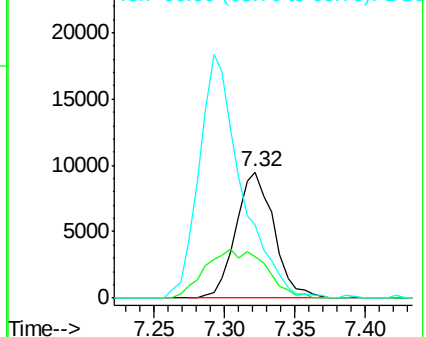
94 100

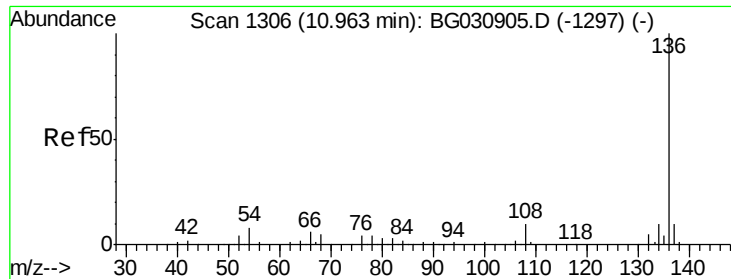
65 32.9 11.9 51.9

66 57.7 22.2 62.2



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

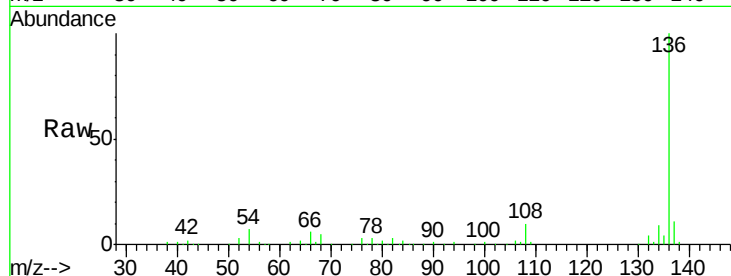




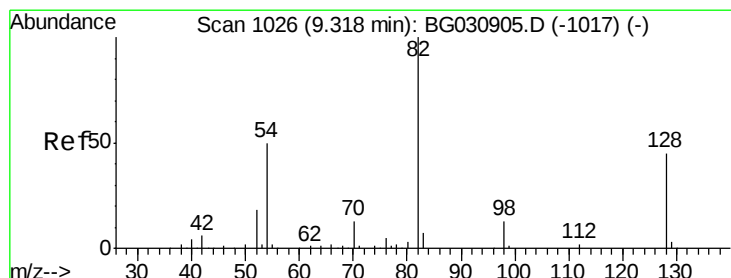
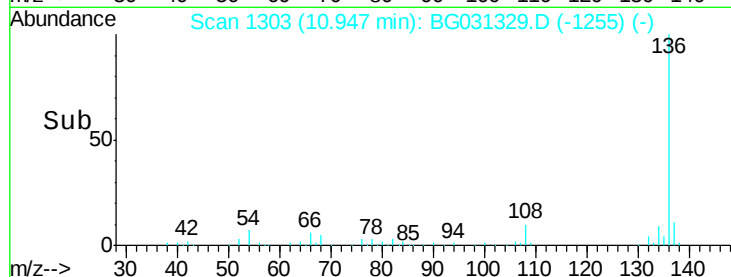
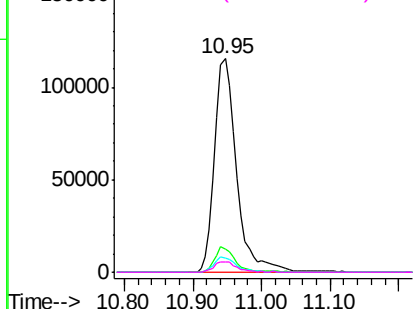
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.95 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BG031329.D
Acq: 1 Dec 2017 22:09

Instrument :
BNA_G
ClientSampleId :
ENV-105-3(10-15)

Tot Ion:136	Resp:	258472
Ion Ratio	Lower	Upper
136	100	
137	10.6	9.2 13.8
54	6.7	10.3 15.5#
68	5.1	4.5 6.7

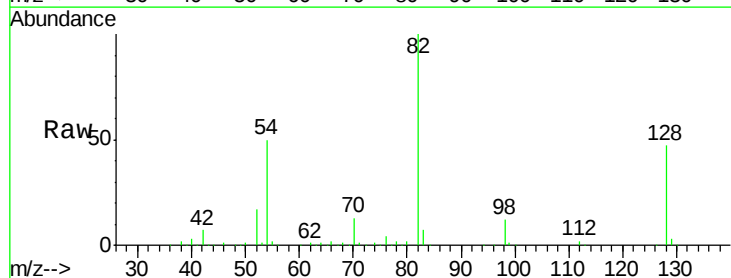


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

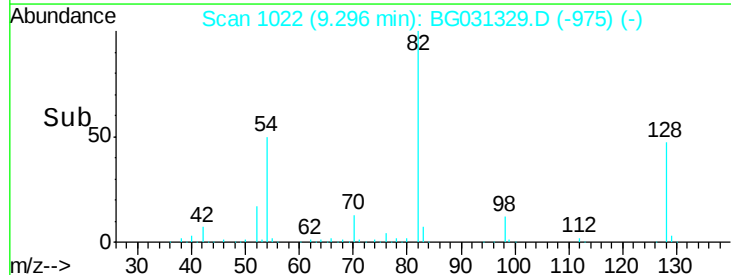
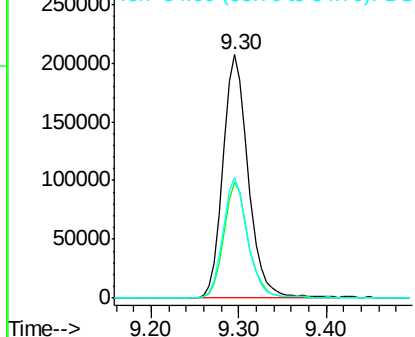


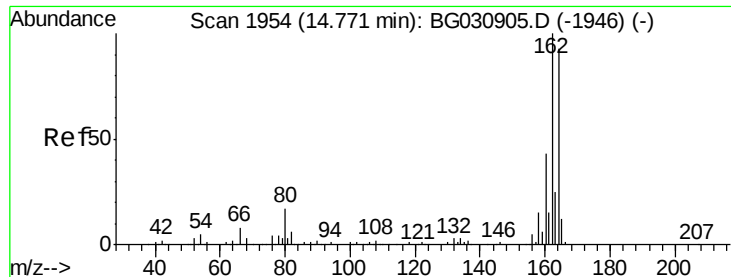
#23
Nitrobenzene-d5
Concen: 94.70 ng
RT: 9.30 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BG031329.D
Acq: 1 Dec 2017 22:09

Tgt Ion: 82	Resp:	413084
Ion Ratio	Lower	Upper
82	100	
128	47.5	29.7 44.5#
54	49.6	43.1 64.7



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: 14.75 min Scan# 1950

Delta R.T. -0.03 min

Lab File: BG031329.D

Acq: 1 Dec 2017 22:09

Instrument :

BNA_G

ClientSampleId :

ENV-105-3(10-15)

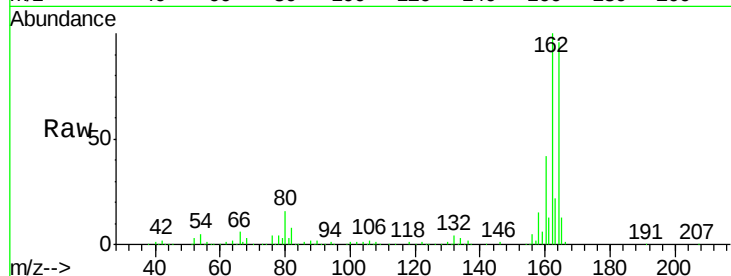
Tot Ion:164 Resp: 171512

Ion Ratio Lower Upper

164 100

162 104.0 78.8 118.2

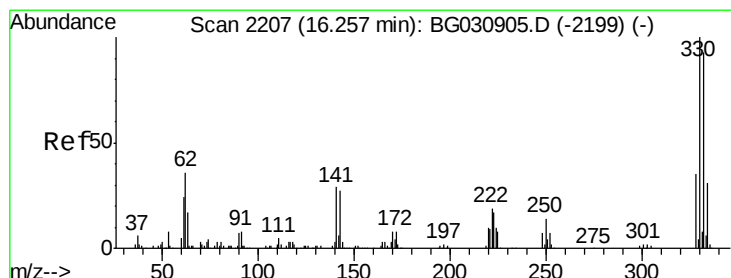
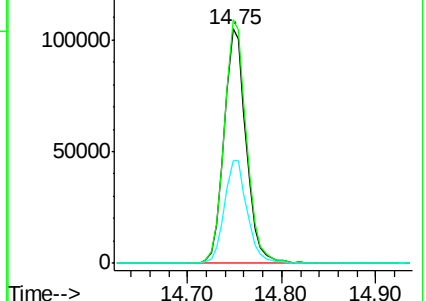
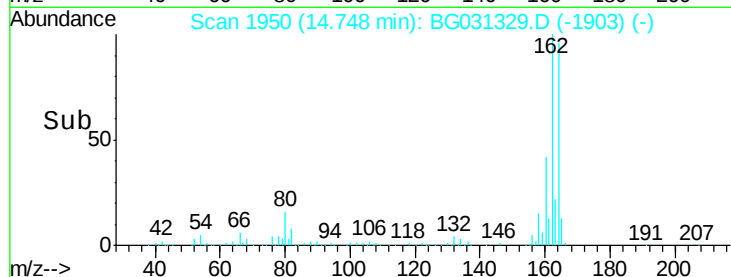
160 44.1 35.4 53.0



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: 127.33 ng

RT: 16.23 min Scan# 2203

Delta R.T. -0.02 min

Lab File: BG031329.D

Acq: 1 Dec 2017 22:09

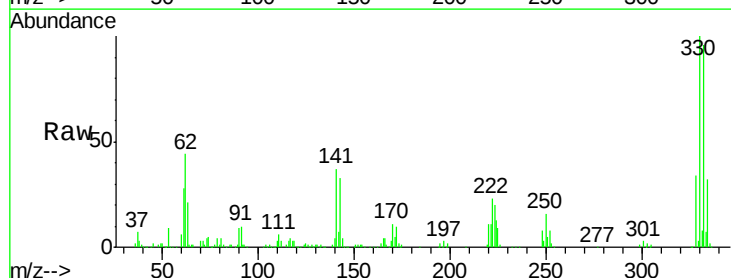
Tgt Ion:330 Resp: 353280

Ion Ratio Lower Upper

330 100

332 95.2 77.0 115.6

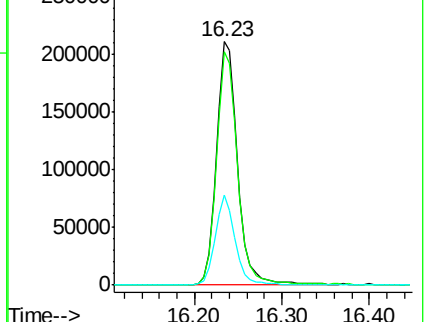
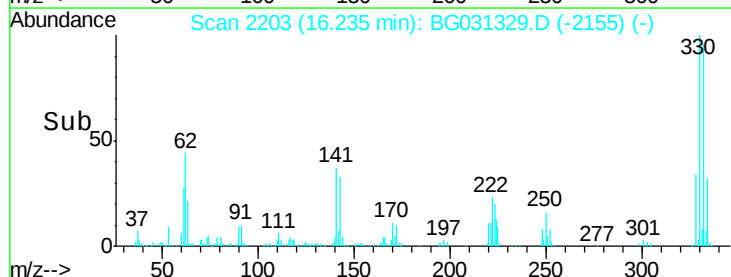
141 34.7 25.2 37.8

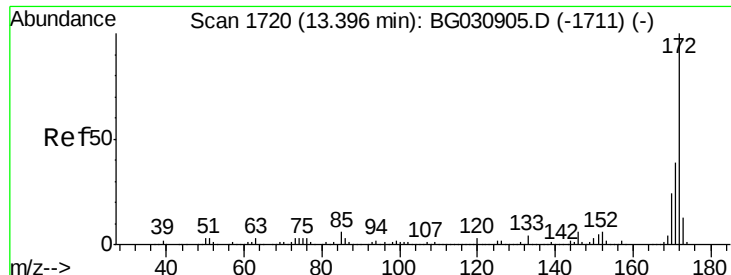


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

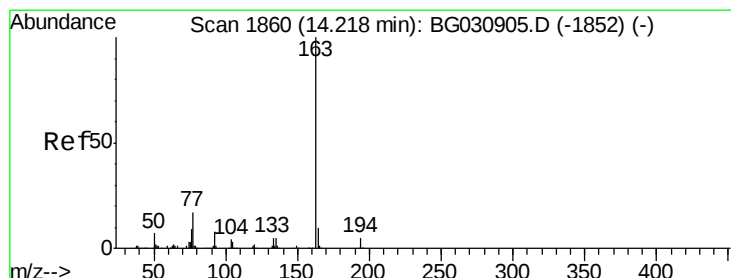
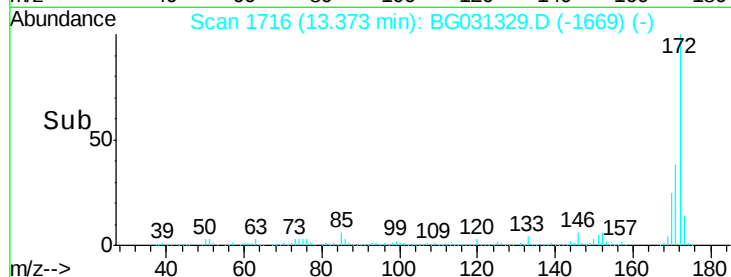
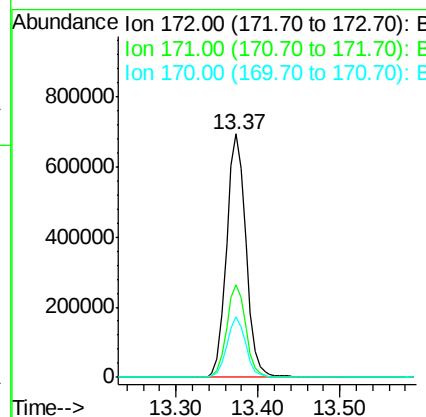
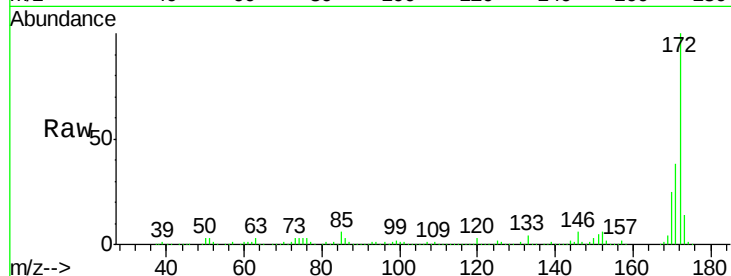




#44
2-Fluorobiphenyl
Concen: 95.98 ng
RT: 13.37 min Scan# 1716
Delta R.T. -0.03 min
Lab File: BG031329.D
Acq: 1 Dec 2017 22:09

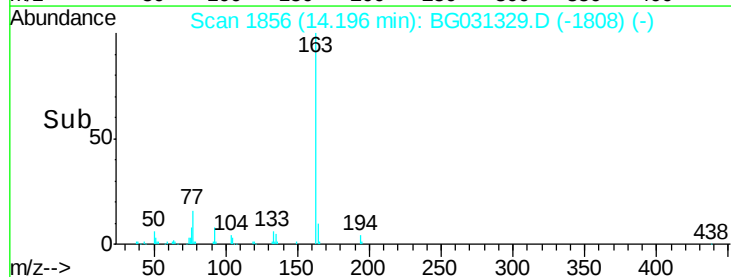
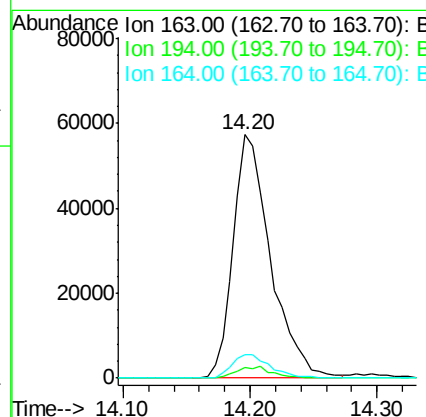
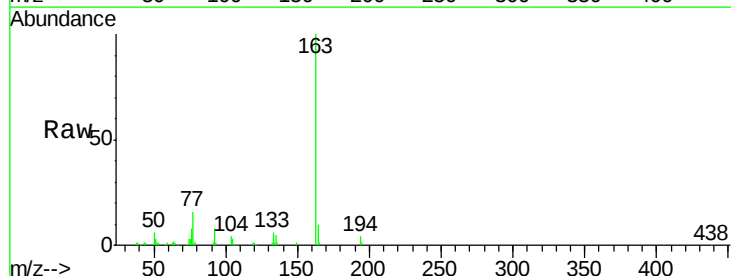
Instrument :
BNA_G
ClientSampleId :
ENV-105-3(10-15)

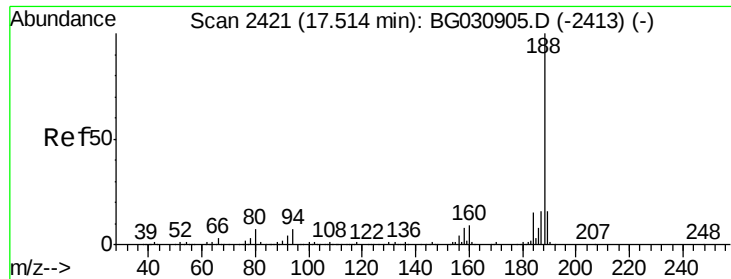
Tot Ion:172 Resp: 1145606
Ion Ratio Lower Upper
172 100
171 37.9 30.0 45.0
170 25.0 19.5 29.3



#49
Dimethylphthalate
Concen: 7.92 ng
RT: 14.20 min Scan# 1856
Delta R.T. -0.02 min
Lab File: BG031329.D
Acq: 1 Dec 2017 22:09

Tgt Ion:163 Resp: 117404
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 9.7 8.2 12.4

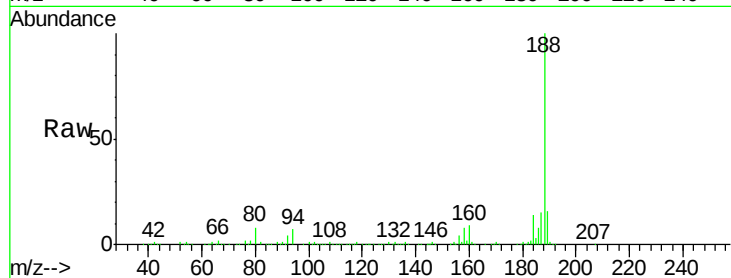




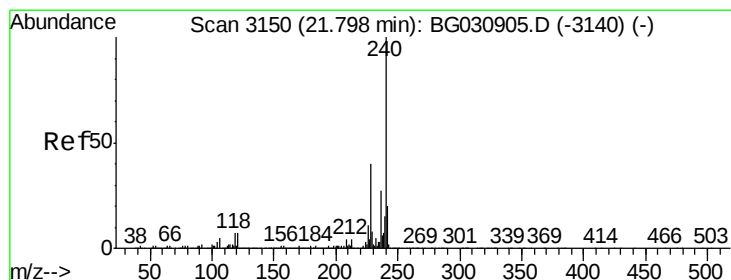
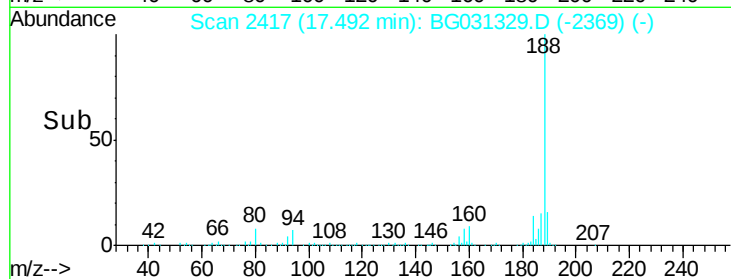
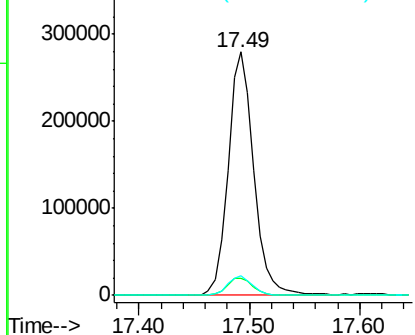
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG031329.D
Acq: 1 Dec 2017 22:09

Instrument :
BNA_G
ClientSampleId :
ENV-105-3(10-15)

Tot Ion:188 Resp: 454595
Ion Ratio Lower Upper
188 100
94 6.9 6.9 10.3#
80 8.2 7.7 11.5

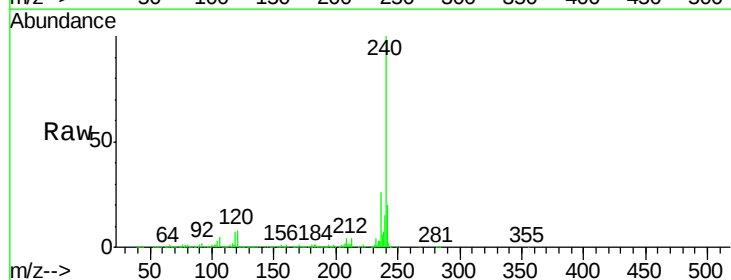


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

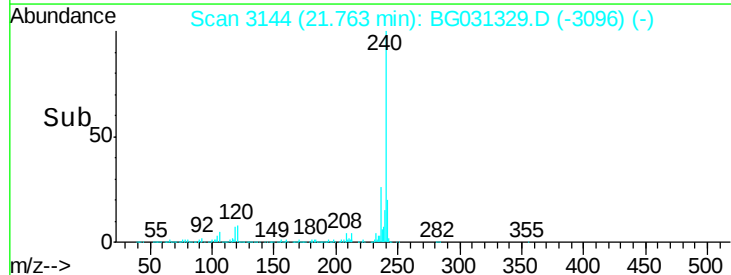
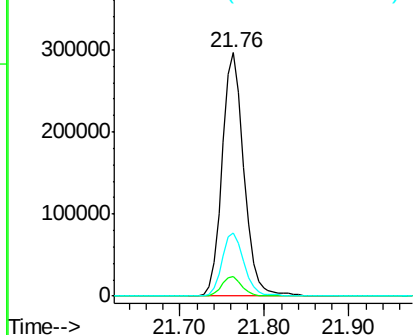


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.02 min
Lab File: BG031329.D
Acq: 1 Dec 2017 22:09

Tgt Ion:240 Resp: 530222
Ion Ratio Lower Upper
240 100
120 8.1 6.8 10.2
236 26.1 20.9 31.3



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: 87.37 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG031329.D

Acq: 1 Dec 2017 22:09

Instrument :

BNA_G

ClientSampleId :

ENV-105-3(10-15)

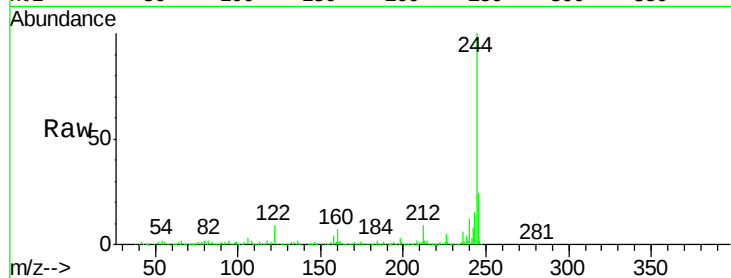
Tot Ion:244 Resp: 2097938

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8

122 9.0 7.0 10.4



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

2000000

1500000

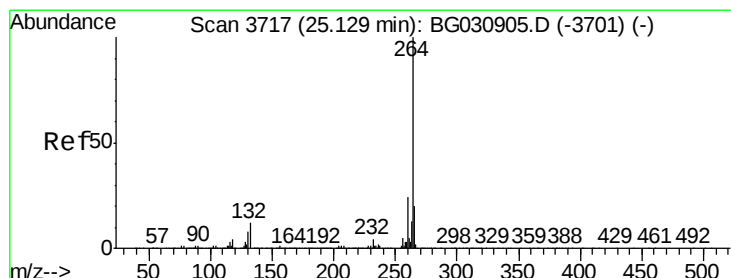
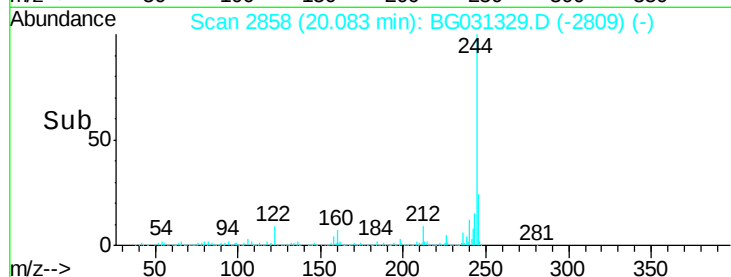
1000000

500000

0

20.08

Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.05 min Scan# 3704

Delta R.T. -0.04 min

Lab File: BG031329.D

Acq: 1 Dec 2017 22:09

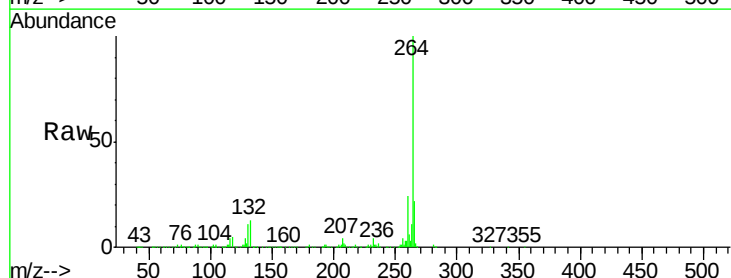
Tgt Ion:264 Resp: 515564

Ion Ratio Lower Upper

264 100

260 23.8 17.4 26.0

265 21.8 17.7 26.5



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

200000

150000

100000

50000

0

25.05

Time-->

