

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072816\
 Data File : BG023316.D
 Acq On : 28 Jul 2016 21:06
 Operator : UM/SJ
 Sample : H4205-16
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-39-12.0-13.0

Quant Time: Jul 29 01:09:30 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 17:30:33 2016
 Response via : Initial Calibration

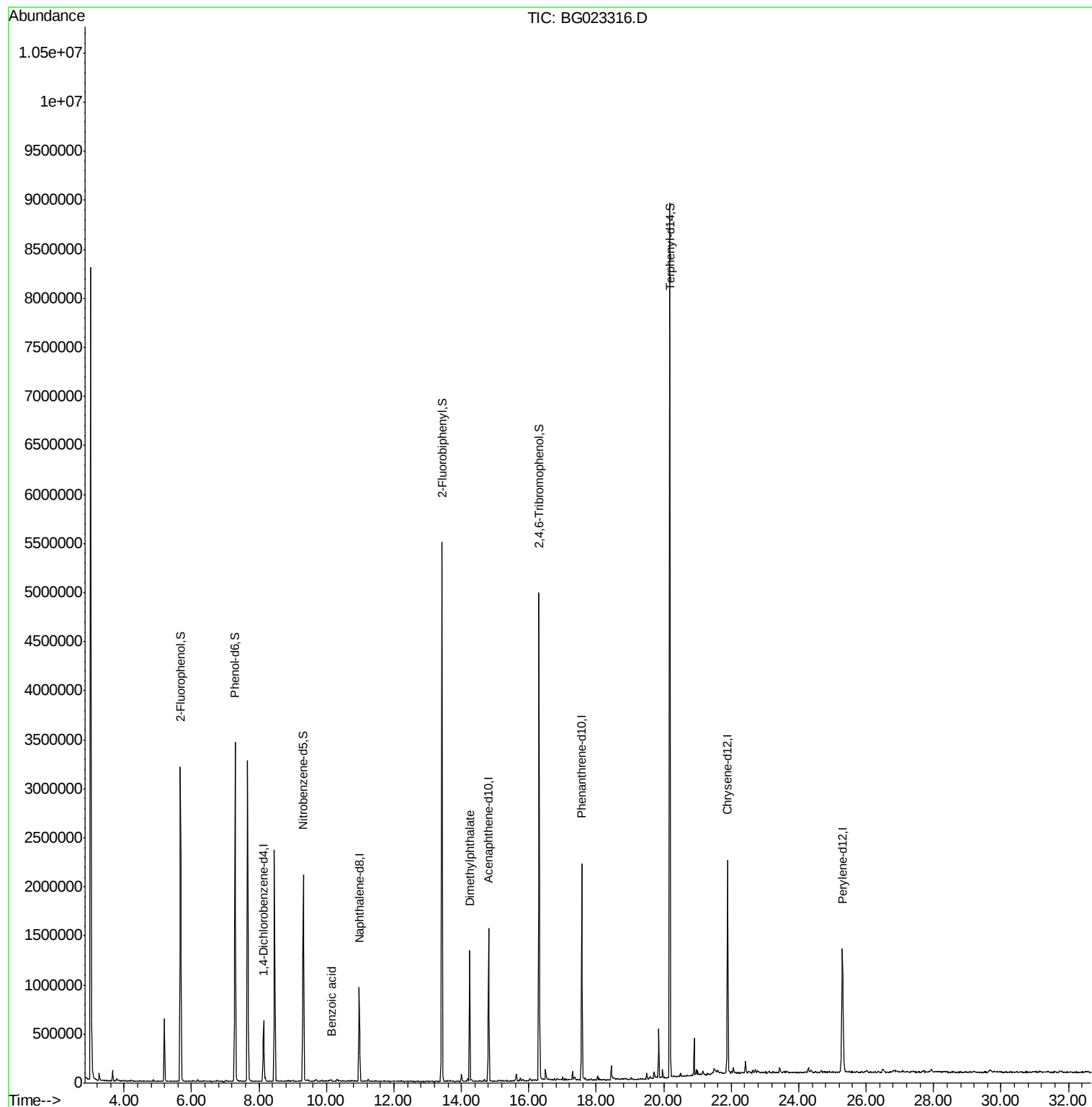
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	167114	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	787835	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	535021	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1288235	20.00	ng	0.00
75) Chrysene-d12	21.89	240	1337062	20.00	ng	0.00
86) Perylene-d12	25.30	264	1344735	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	1394506	142.46	ng	0.00
7) Phenol-d6	7.29	99	2067986	137.60	ng	0.00
23) Nitrobenzene-d5	9.31	82	1373809	85.27	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	908223	164.01	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2612459	91.39	ng	0.00
78) Terphenyl-d14	20.18	244	3168019	77.02	ng	0.00
Target Compounds						
32) Benzoic acid	10.15	122	69	8.12	ng	Qvalue # 31
49) Dimethylphthalate	14.25	163	853527	21.62	ng	99

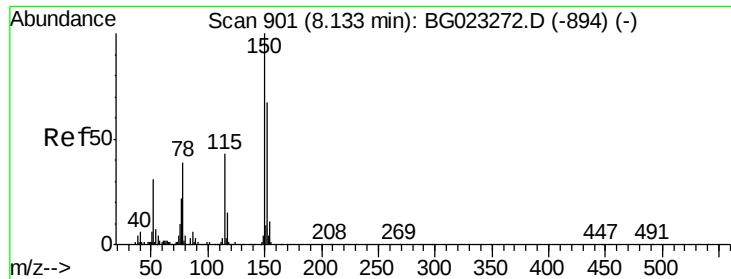
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.14 min Scan# 902

Delta R.T. -0.00 min

Lab File: BG023316.D

Acq: 28 Jul 2016 21:06

Instrument :

BNA_G

ClientSampleId :

SB-39-12.0-13.0

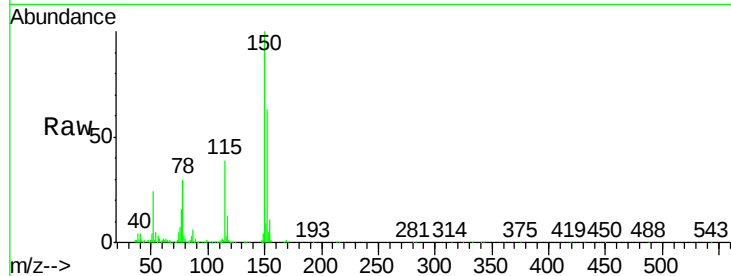
Tgt Ion:152 Resp: 167114

Ion Ratio Lower Upper

152 100

150 158.1 144.7 217.1

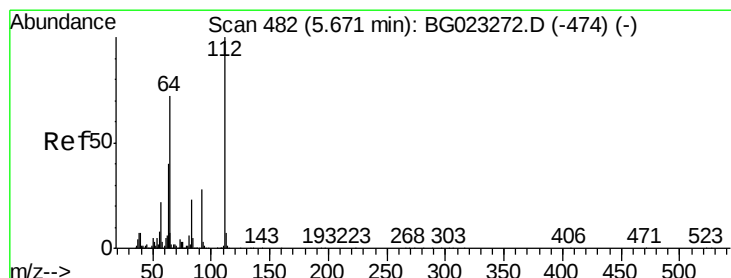
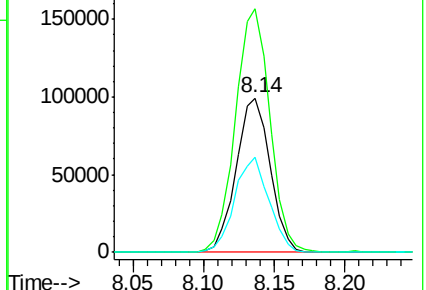
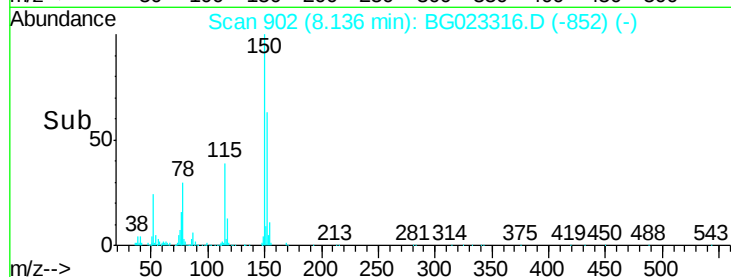
115 62.1 64.0 96.0#



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



#5

2-Fluorophenol

Concen: 142.46 ng

RT: 5.67 min Scan# 482

Delta R.T. -0.00 min

Lab File: BG023316.D

Acq: 28 Jul 2016 21:06

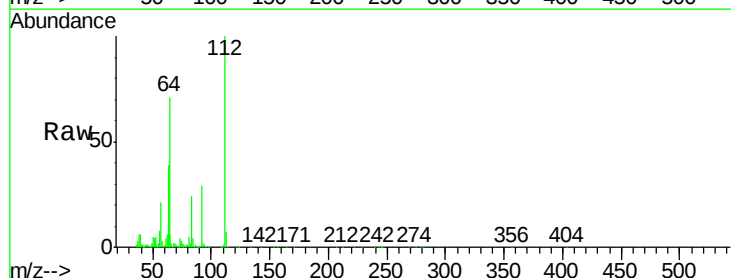
Tgt Ion:112 Resp: 1394506

Ion Ratio Lower Upper

112 100

64 70.8 59.0 88.4

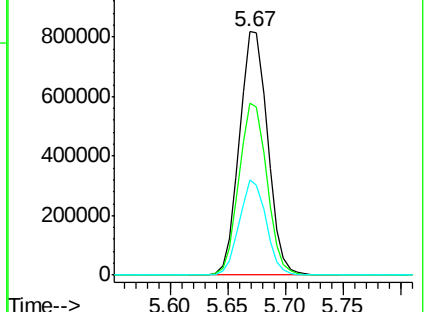
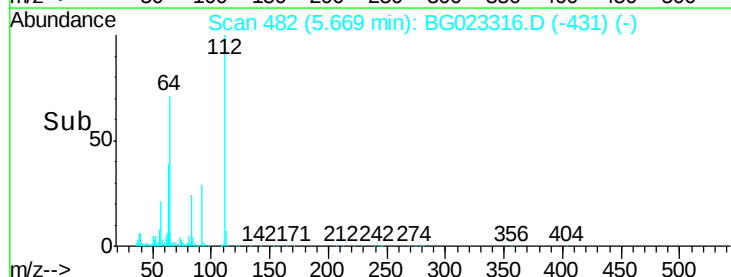
63 39.0 37.8 56.8

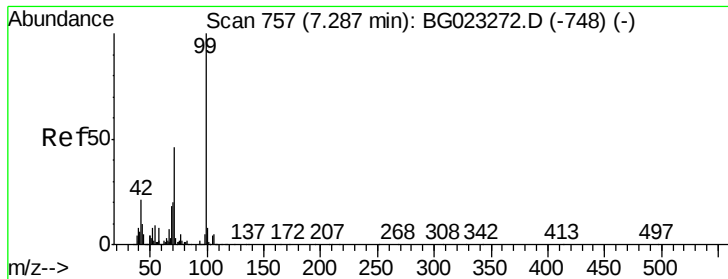


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 137.60 ng

RT: 7.29 min Scan# 758

Delta R.T. 0.00 min

Lab File: BG023316.D

Acq: 28 Jul 2016 21:06

Instrument :

BNA_G

ClientSampleId :

SB-39-12.0-13.0

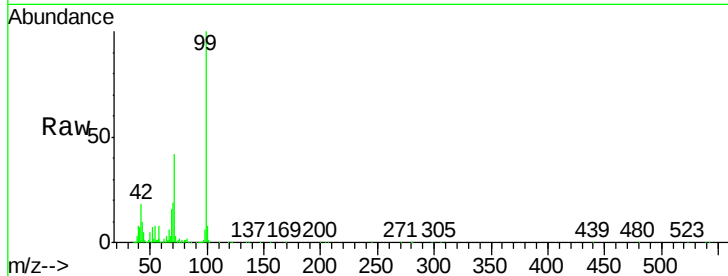
Tgt Ion: 99 Resp: 2067986

Ion Ratio Lower Upper

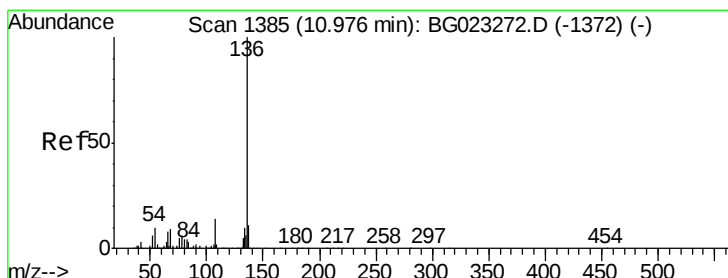
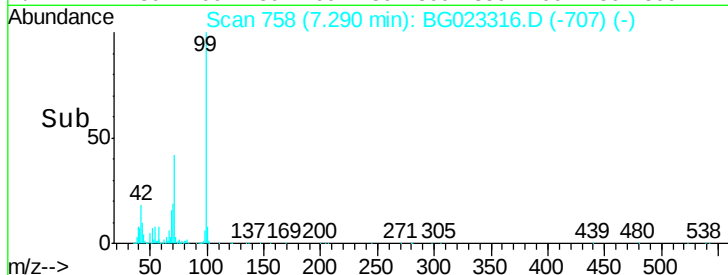
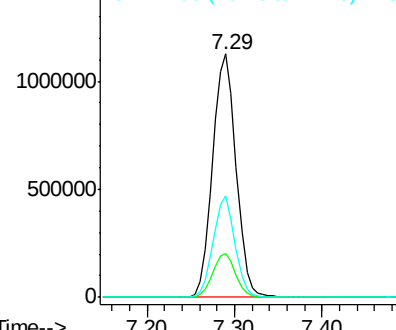
99 100

42 17.8 17.8 26.6

71 41.6 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: 10.97 min Scan# 1385

Delta R.T. -0.00 min

Lab File: BG023316.D

Acq: 28 Jul 2016 21:06

Tgt Ion: 136 Resp: 787835

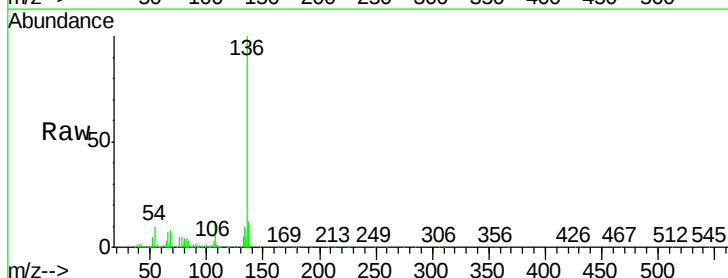
Ion Ratio Lower Upper

136 100

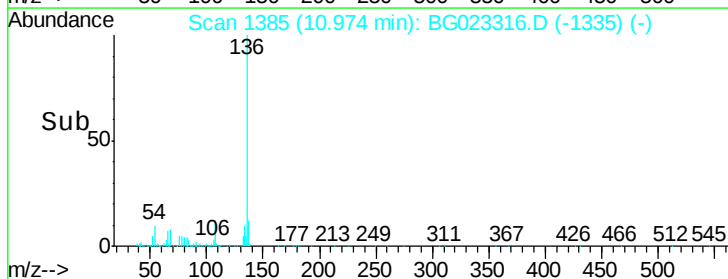
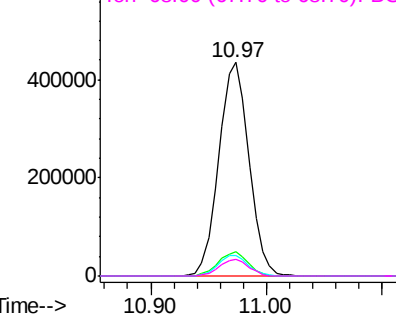
137 11.6 9.6 14.4

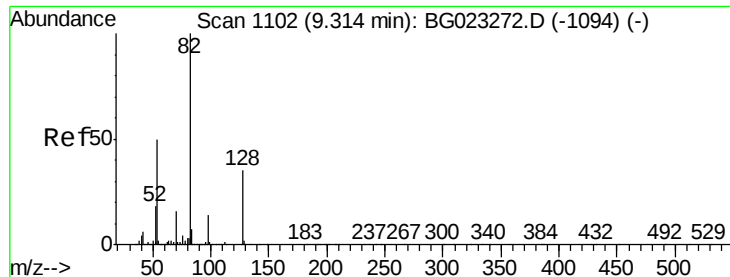
54 9.7 7.3 10.9

68 8.0 5.3 7.9#



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

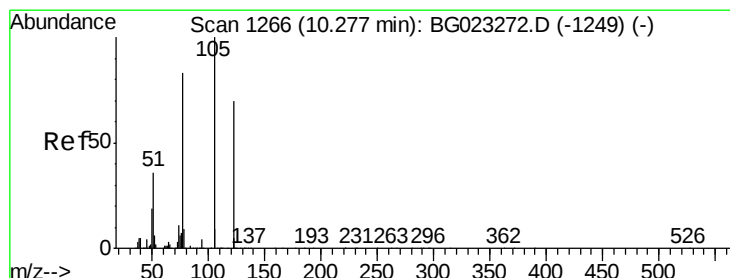
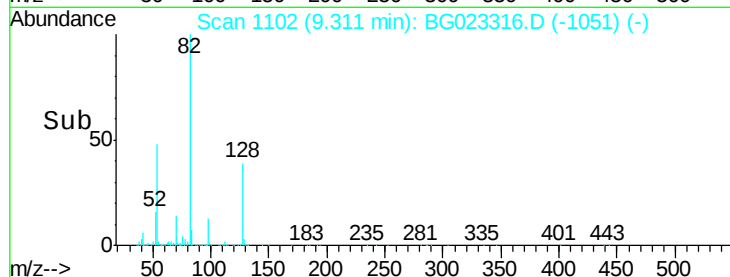
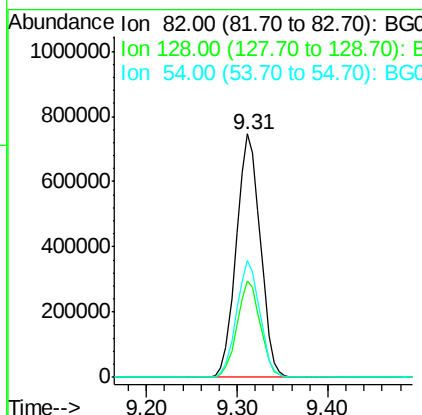
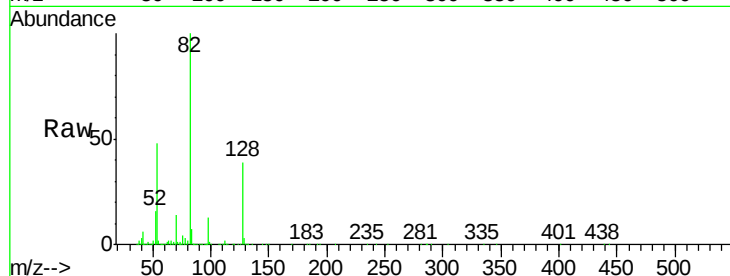




#23
 Nitrobenzene-d5
 Concen: 85.27 ng
 RT: 9.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: BG023316.D
 Acq: 28 Jul 2016 21:06

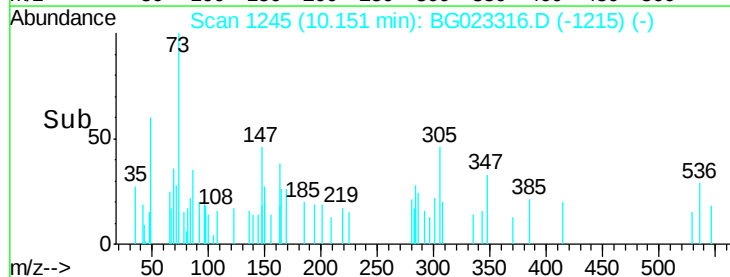
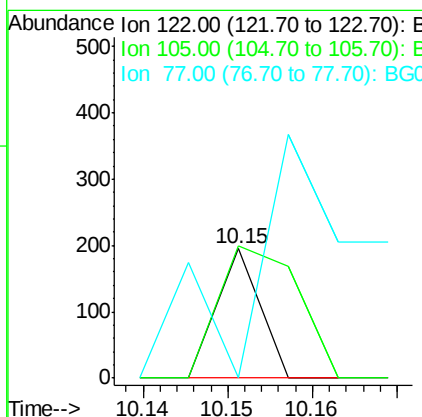
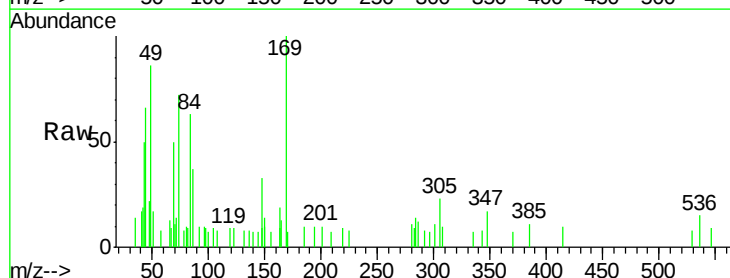
Instrument :
 BNA_G
 ClientSampleId :
 SB-39-12.0-13.0

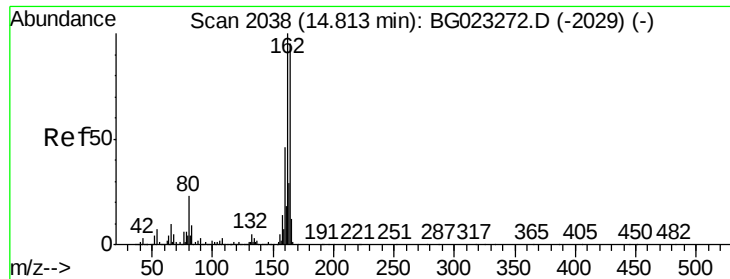
Tgt Ion: 82 Resp: 1373809
 Ion Ratio Lower Upper
 82 100
 128 39.4 24.4 36.6#
 54 48.0 41.4 62.0



#32
 Benzoic acid
 Concen: 8.12 ng
 RT: 10.15 min Scan# 1245
 Delta R.T. -0.13 min
 Lab File: BG023316.D
 Acq: 28 Jul 2016 21:06

Tgt Ion: 122 Resp: 69
 Ion Ratio Lower Upper
 122 100
 105 102.6 117.2 157.2#
 77 0.0 109.2 149.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2037

Delta R.T. -0.00 min

Lab File: BG023316.D

Acq: 28 Jul 2016 21:06

Instrument :

BNA_G

ClientSampleId :

SB-39-12.0-13.0

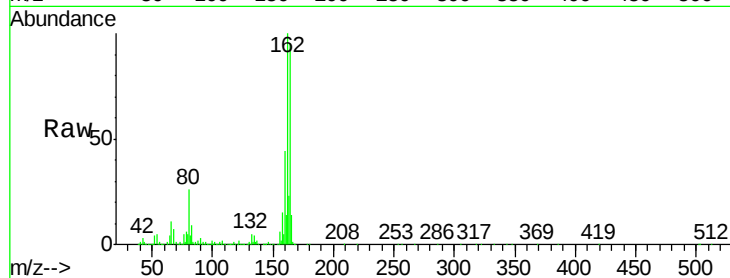
Tgt Ion:164 Resp: 535021

Ion Ratio Lower Upper

164 100

162 105.6 87.7 131.5

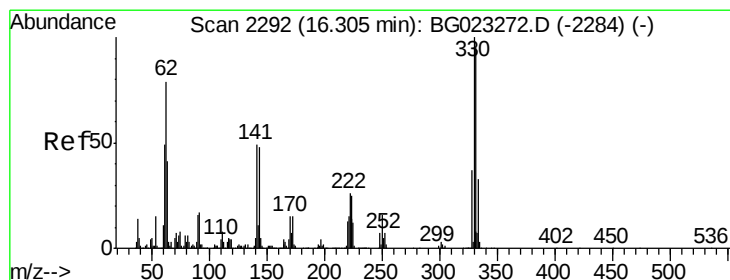
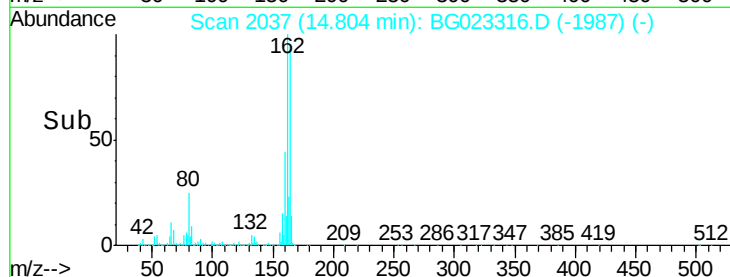
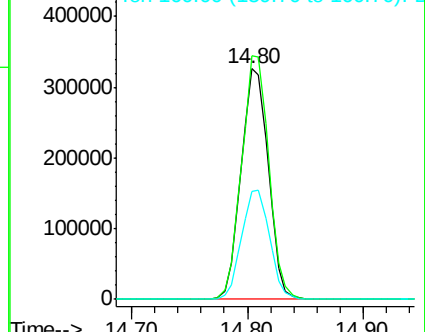
160 46.8 37.2 55.8



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: 164.01 ng

RT: 16.31 min Scan# 2293

Delta R.T. 0.00 min

Lab File: BG023316.D

Acq: 28 Jul 2016 21:06

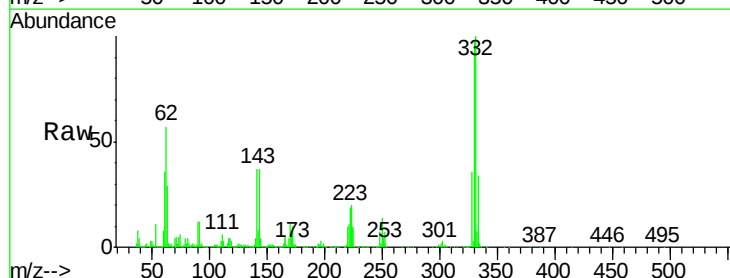
Tgt Ion:330 Resp: 908223

Ion Ratio Lower Upper

330 100

332 99.1 77.4 116.2

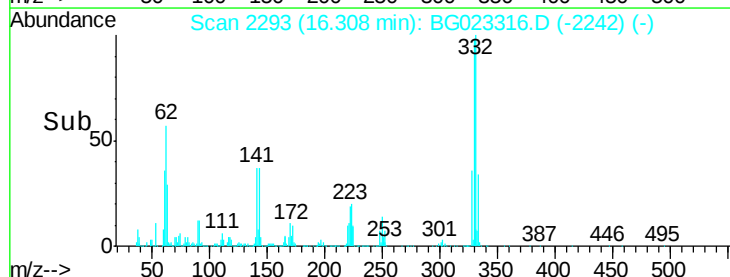
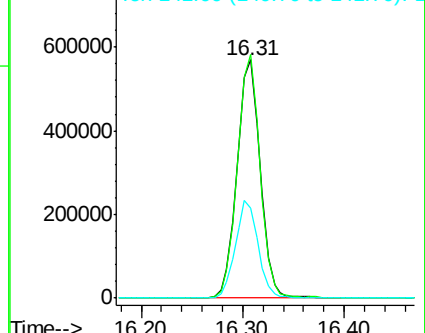
141 40.0 31.7 47.5

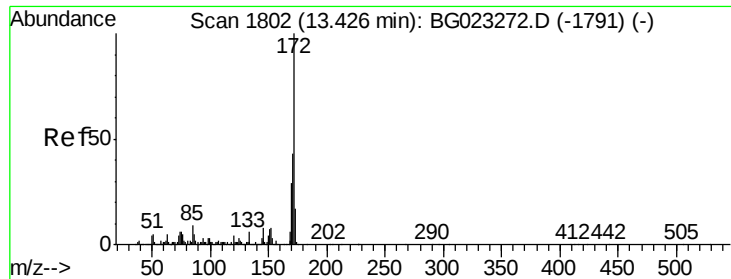


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

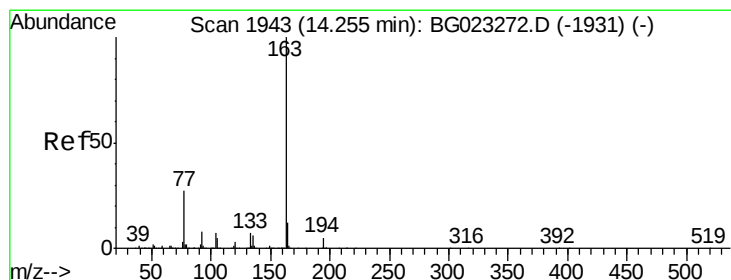
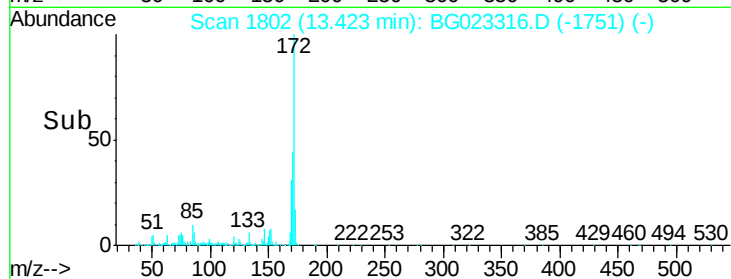
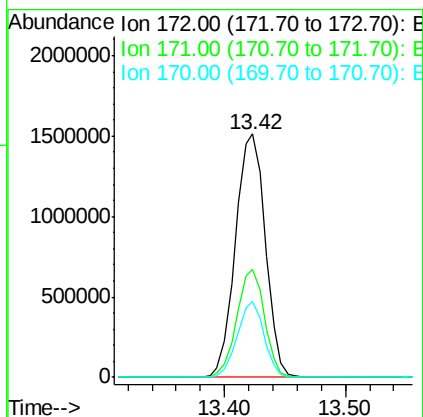
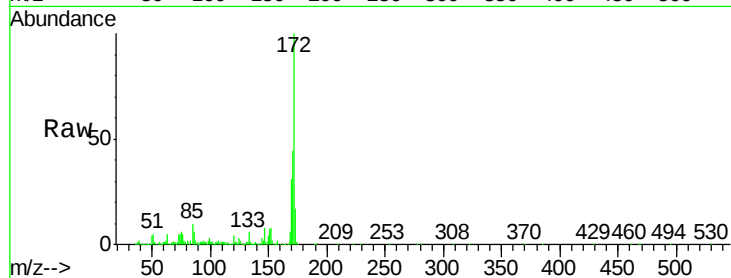




#44
2-Fluorobiphenyl
Concen: 91.39 ng
RT: 13.42 min Scan# 1802
Delta R.T. 0.00 min
Lab File: BG023316.D
Acq: 28 Jul 2016 21:06

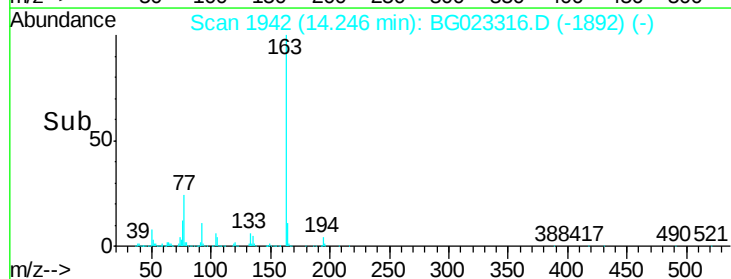
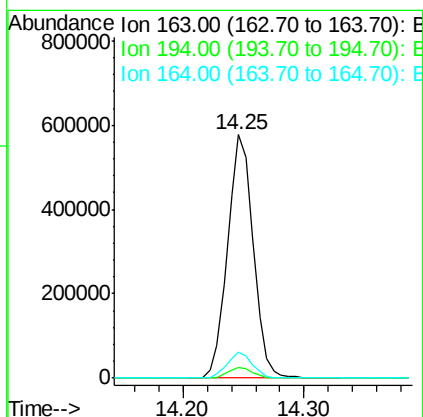
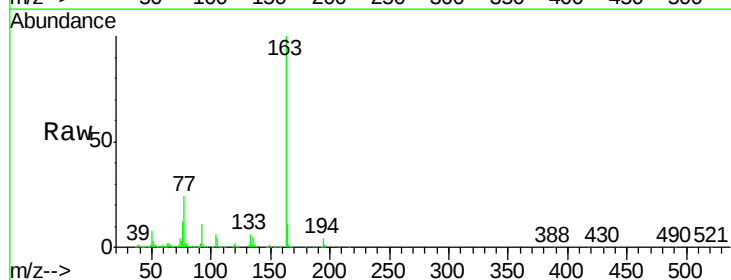
Instrument :
BNA_G
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SB-39-12.0-13.0

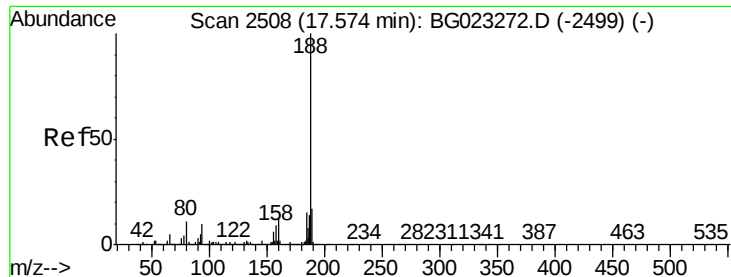
Tgt Ion:172 Resp: 2612459
Ion Ratio Lower Upper
172 100
171 44.4 31.6 47.4
170 31.1 21.3 31.9



#49
Dimethylphthalate
Concen: 21.62 ng
RT: 14.25 min Scan# 1942
Delta R.T. -0.00 min
Lab File: BG023316.D
Acq: 28 Jul 2016 21:06

Tgt Ion:163 Resp: 853527
Ion Ratio Lower Upper
163 100
194 4.2 3.6 5.4
164 10.6 8.1 12.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.57 min Scan# 2508

Delta R.T. 0.00 min

Lab File: BG023316.D

Acq: 28 Jul 2016 21:06

Instrument :

BNA_G

ClientSampleId :

SB-39-12.0-13.0

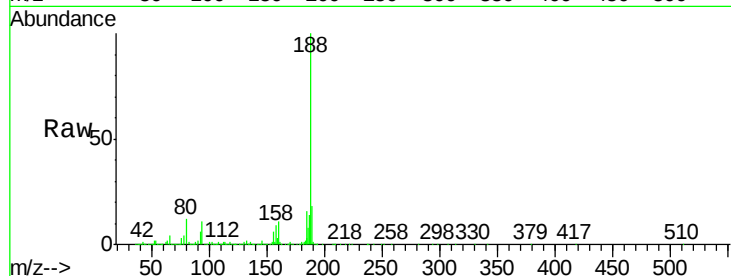
Tgt Ion:188 Resp: 1288235

Ion Ratio Lower Upper

188 100

94 10.8 5.2 7.8#

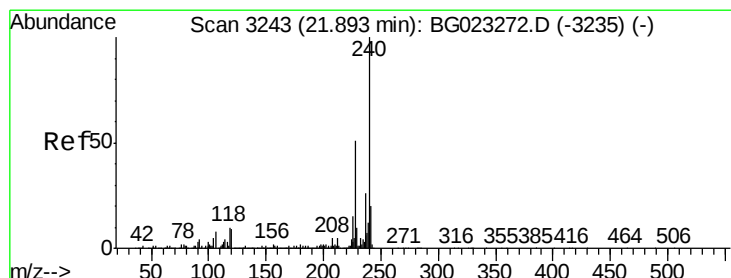
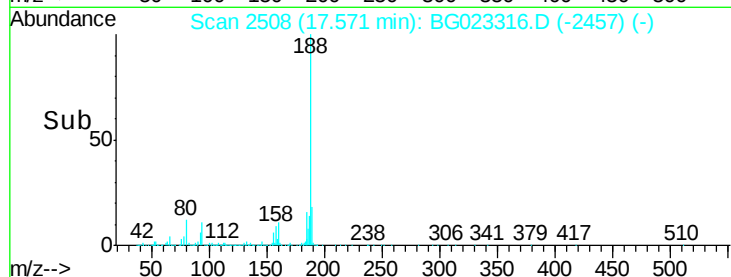
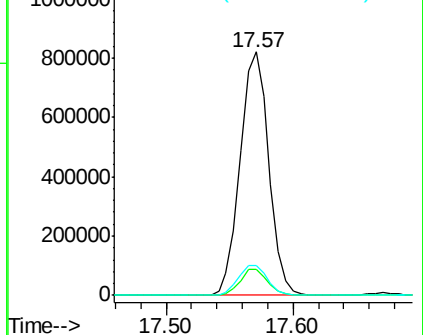
80 12.1 7.2 10.8#



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: 21.89 min Scan# 3244

Delta R.T. 0.01 min

Lab File: BG023316.D

Acq: 28 Jul 2016 21:06

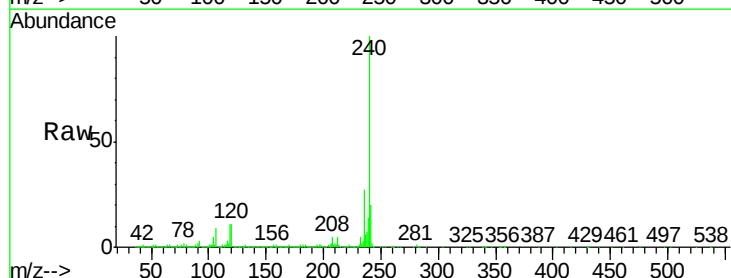
Tgt Ion:240 Resp: 1337062

Ion Ratio Lower Upper

240 100

120 10.8 4.1 6.1#

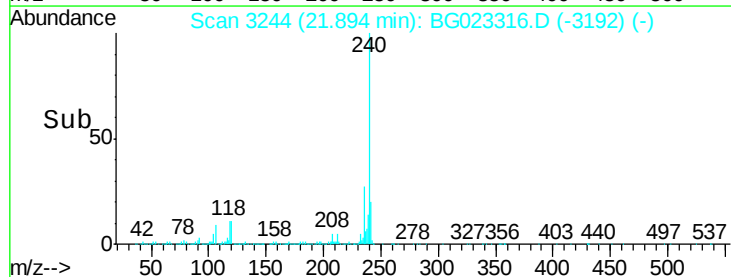
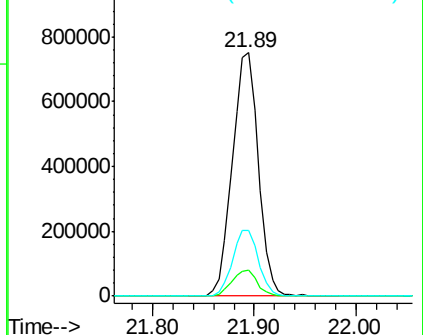
236 26.9 21.1 31.7

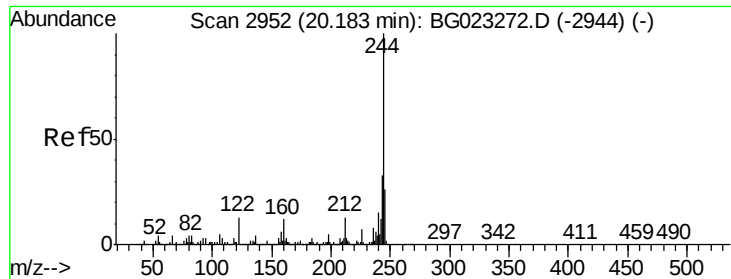


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 77.02 ng

RT: 20.18 min Scan# 2952

Delta R.T. 0.00 min

Lab File: BG023316.D

Acq: 28 Jul 2016 21:06

Instrument :

BNA_G

ClientSampleId :

SB-39-12.0-13.0

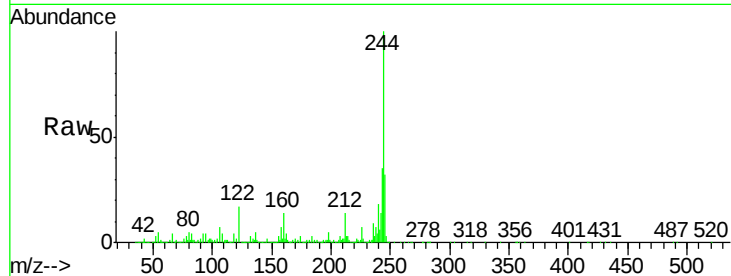
Tgt Ion:244 Resp: 3168019

Ion Ratio Lower Upper

244 100

212 14.2 10.8 16.2

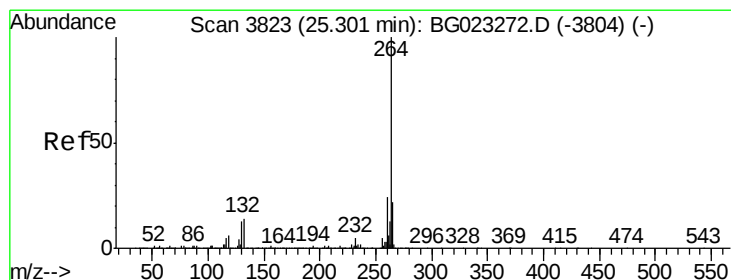
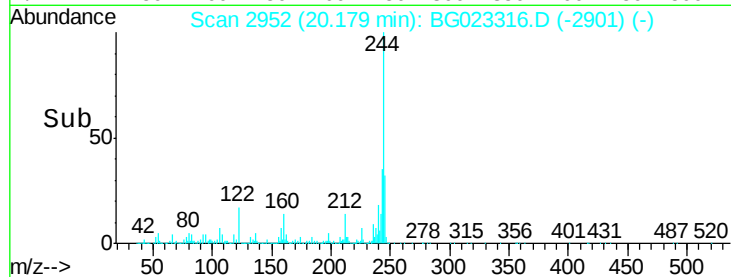
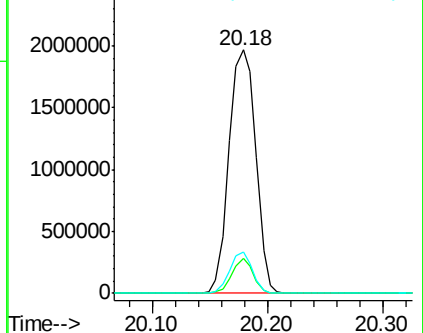
122 16.8 8.0 12.0#



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: 25.30 min Scan# 3824

Delta R.T. -0.00 min

Lab File: BG023316.D

Acq: 28 Jul 2016 21:06

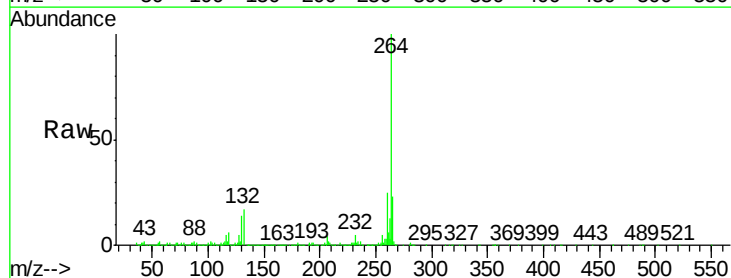
Tgt Ion:264 Resp: 1344735

Ion Ratio Lower Upper

264 100

260 25.4 18.4 27.6

265 22.9 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

