

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072816\
 Data File : BG023307.D
 Acq On : 28 Jul 2016 15:06
 Operator : UM/SJ
 Sample : H4205-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-37-4.5-5.5

Quant Time: Jul 29 01:07:36 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

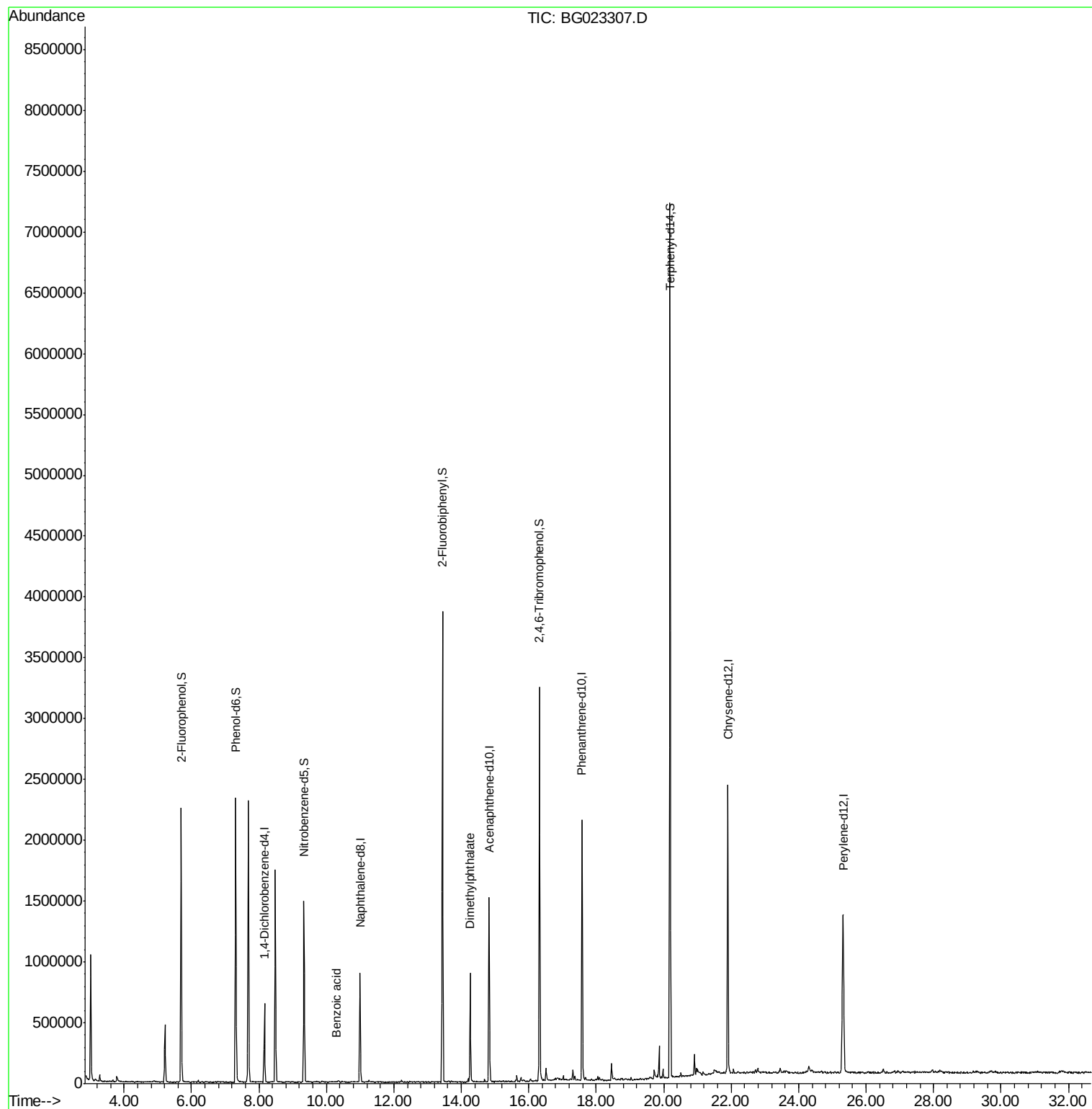
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	184002	20.00	ng	0.02
21) Naphthalene-d8	11.00	136	779358	20.00	ng	0.02
38) Acenaphthene-d10	14.82	164	523759	20.00	ng	0.01
63) Phenanthrene-d10	17.58	188	1281913	20.00	ng	0.00
75) Chrysene-d12	21.90	240	1384153	20.00	ng	0.01
86) Perylene-d12	25.31	264	1394266	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	1017407	94.39	ng	0.02
7) Phenol-d6	7.31	99	1479978	89.44	ng	0.02
23) Nitrobenzene-d5	9.34	82	958909	60.17	ng	0.03
41) 2,4,6-Tribromophenol	16.32	330	587085	108.30	ng	0.01
44) 2-Fluorobiphenyl	13.44	172	1954372	69.84	ng	0.02
78) Terphenyl-d14	20.19	244	2715496	63.77	ng	0.00
Target Compounds						
32) Benzoic acid	10.29	122	297	8.14	ng	Qvalue # 49
49) Dimethylphthalate	14.26	163	584029	15.11	ng	100

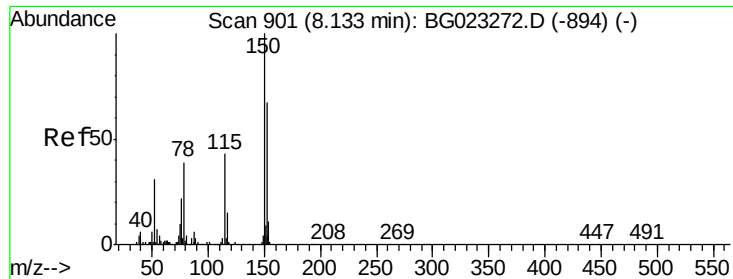
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 906

Delta R.T. 0.02 min

Lab File: BG023307.D

Acq: 28 Jul 2016 15:06

Instrument :

BNA_G

ClientSampleId :

SB-37-4.5-5.5

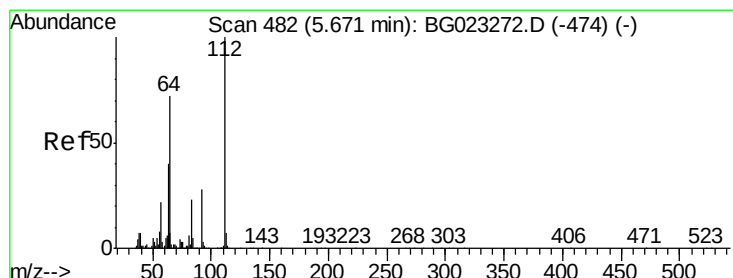
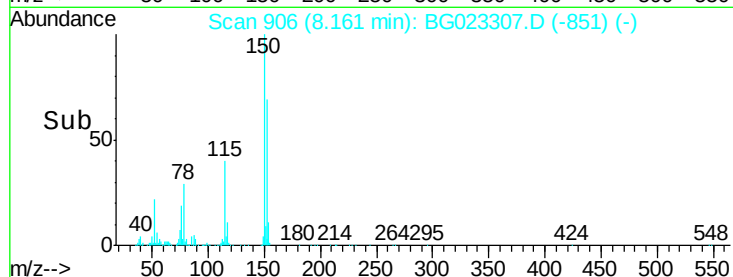
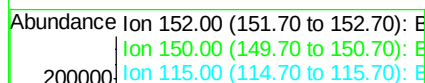
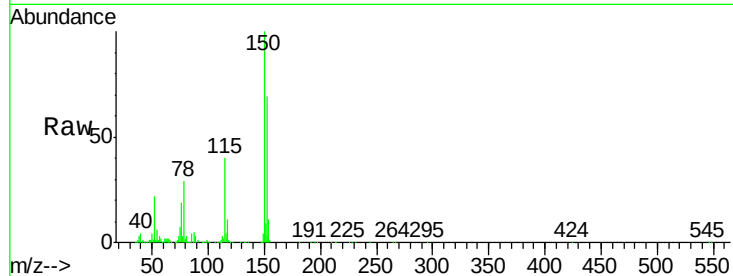
Tgt Ion:152 Resp: 184002

Ion Ratio Lower Upper

152 100

150 145.1 144.7 217.1

115 57.6 64.0 96.0#



#5

2-Fluorophenol

Concen: 94.39 ng

RT: 5.69 min Scan# 486

Delta R.T. 0.02 min

Lab File: BG023307.D

Acq: 28 Jul 2016 15:06

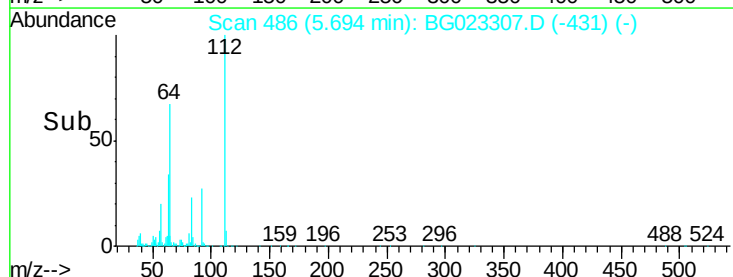
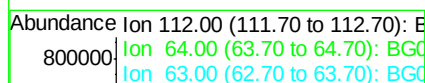
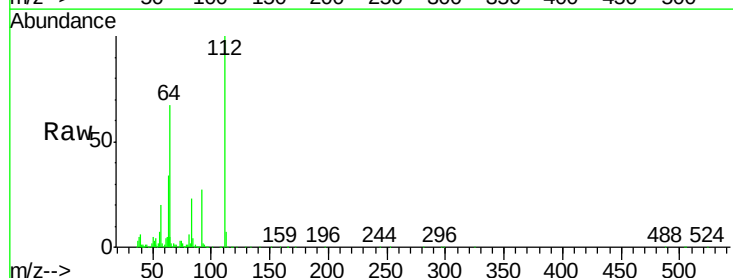
Tgt Ion:112 Resp: 1017407

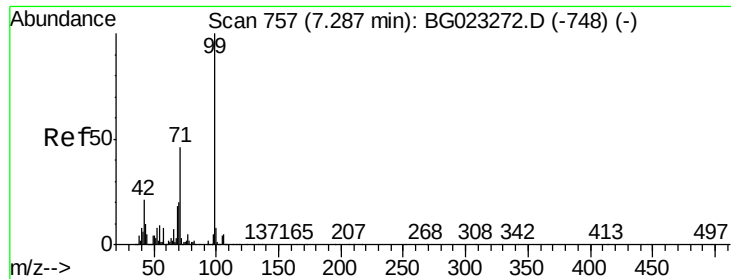
Ion Ratio Lower Upper

112 100

64 67.3 59.0 88.4

63 34.0 37.8 56.8#





#7

Phenol-d6

Concen: 89.44 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.02 min

Lab File: BG023307.D

Acq: 28 Jul 2016 15:06

Instrument :

BNA_G

ClientSampleId :

SB-37-4.5-5.5

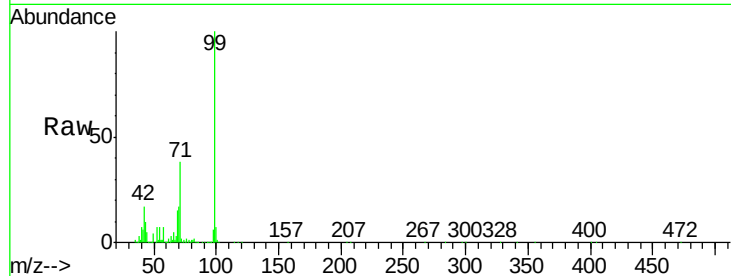
Tgt Ion: 99 Resp: 1479978

Ion Ratio Lower Upper

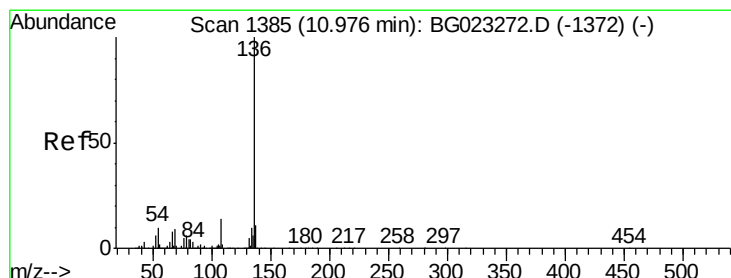
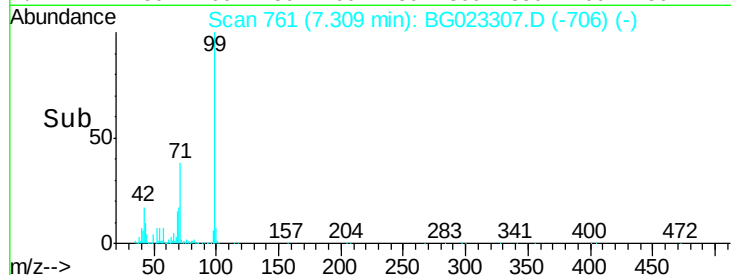
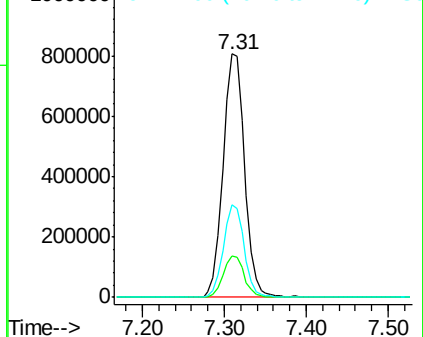
99 100

42 17.0 17.8 26.6#

71 38.0 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: 11.00 min Scan# 1389

Delta R.T. 0.02 min

Lab File: BG023307.D

Acq: 28 Jul 2016 15:06

Tgt Ion: 136 Resp: 779358

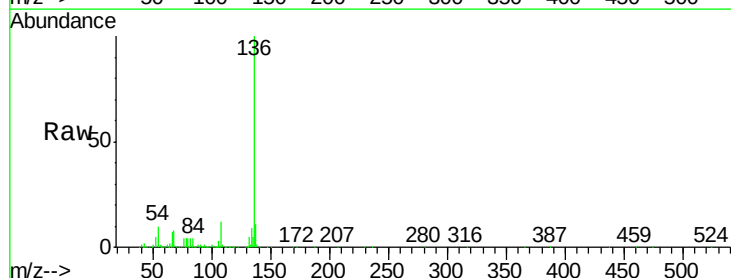
Ion Ratio Lower Upper

136 100

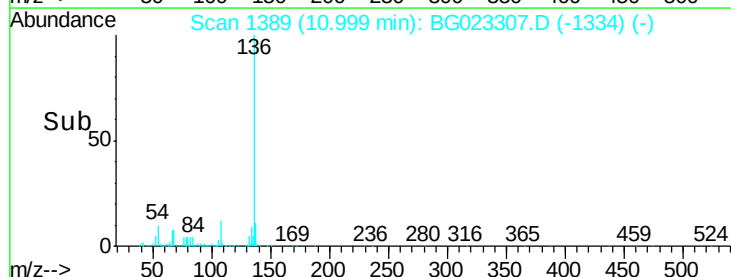
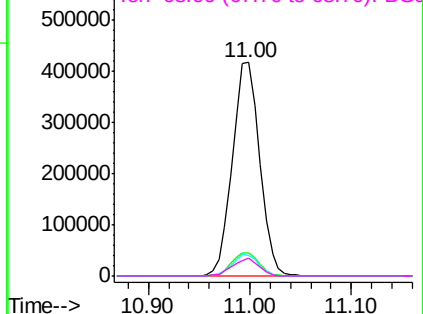
137 11.0 9.6 14.4

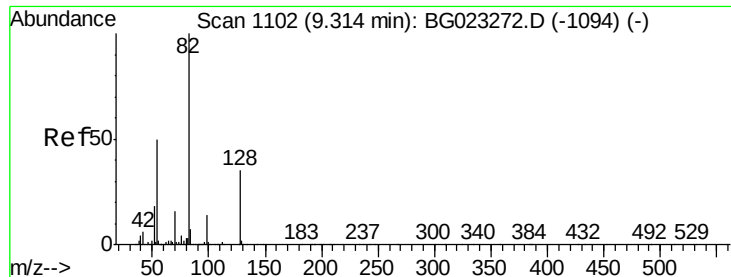
54 9.6 7.3 10.9

68 8.5 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: 60.17 ng

RT: 9.34 min Scan# 1106

Delta R.T. 0.03 min

Lab File: BG023307.D

Acq: 28 Jul 2016 15:06

Instrument :

BNA_G

ClientSampleId :

SB-37-4.5-5.5

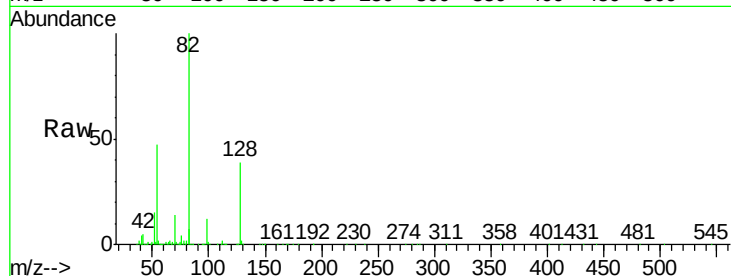
Tgt Ion: 82 Resp: 958909

Ion Ratio Lower Upper

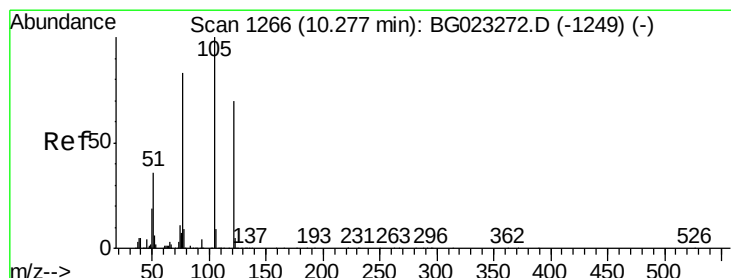
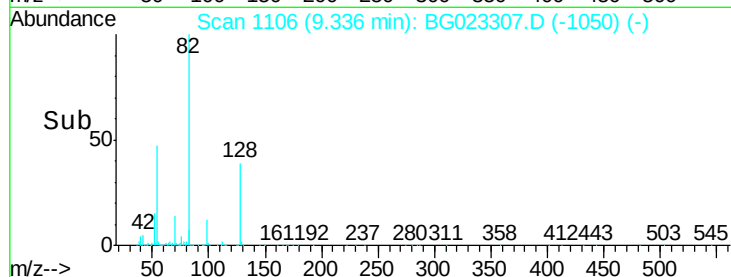
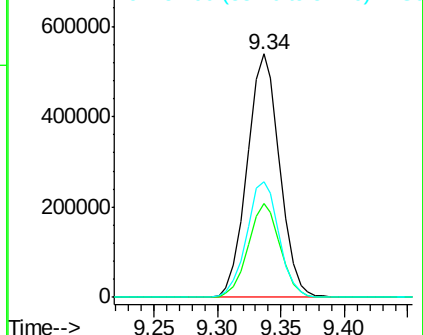
82 100

128 38.7 24.4 36.6#

54 47.4 41.4 62.0



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#32

Benzoic acid

Concen: 8.14 ng

RT: 10.29 min Scan# 1268

Delta R.T. 0.01 min

Lab File: BG023307.D

Acq: 28 Jul 2016 15:06

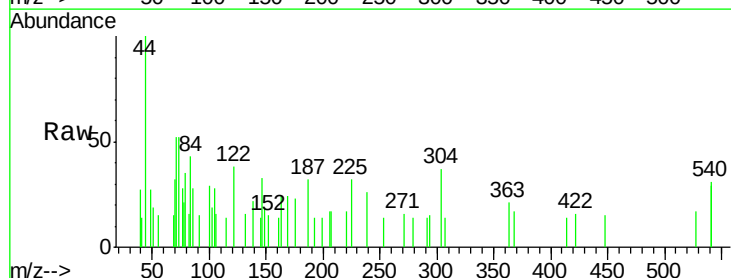
Tgt Ion: 122 Resp: 297

Ion Ratio Lower Upper

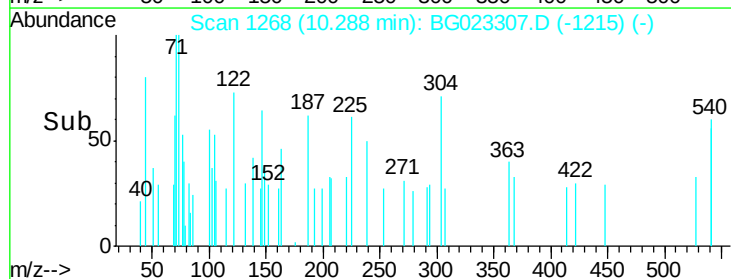
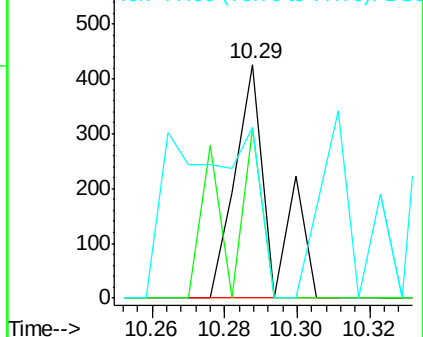
122 100

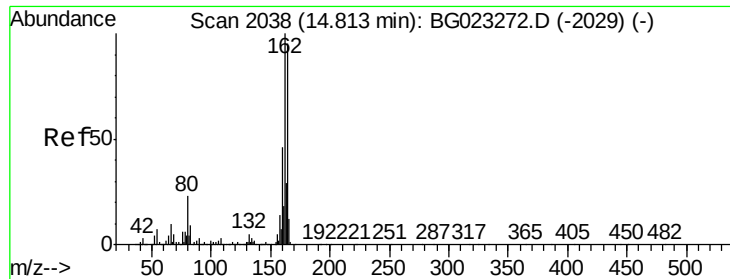
105 72.4 117.2 157.2#

77 72.8 109.2 149.2#



Abundance Ion 122.00 (121.70 to 122.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 77.00 (76.70 to 77.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.82 min Scan# 2040

Delta R.T. 0.01 min

Lab File: BG023307.D

Acq: 28 Jul 2016 15:06

Instrument :

BNA_G

ClientSampleId :

SB-37-4.5-5.5

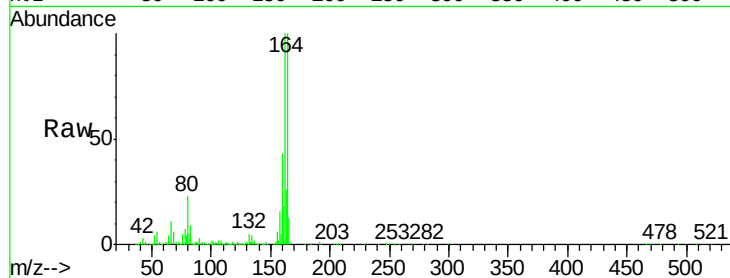
Tgt Ion:164 Resp: 523759

Ion Ratio Lower Upper

164 100

162 99.8 87.7 131.5

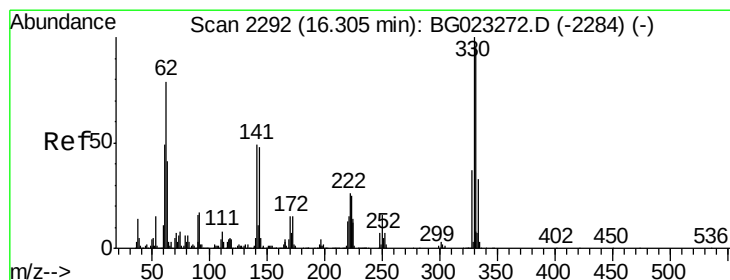
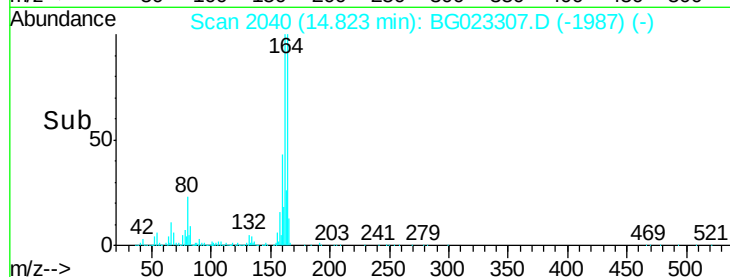
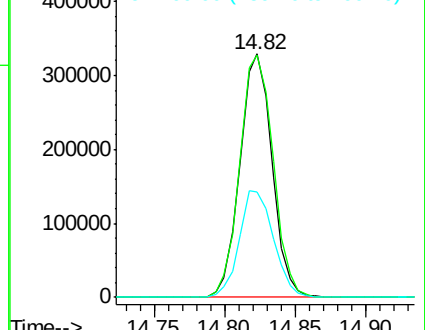
160 43.5 37.2 55.8



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: 108.30 ng

RT: 16.32 min Scan# 2295

Delta R.T. 0.01 min

Lab File: BG023307.D

Acq: 28 Jul 2016 15:06

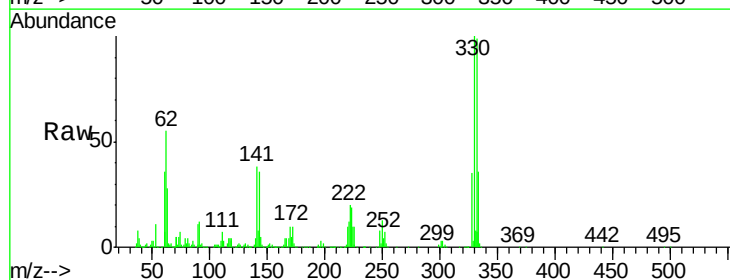
Tgt Ion:330 Resp: 587085

Ion Ratio Lower Upper

330 100

332 99.4 77.4 116.2

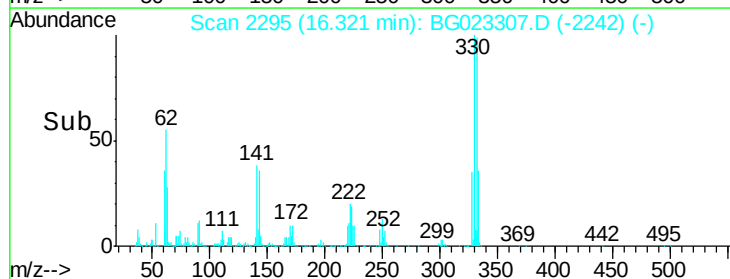
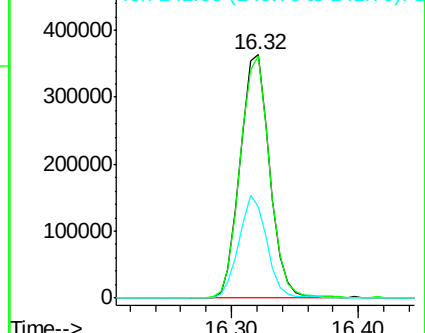
141 39.9 31.7 47.5

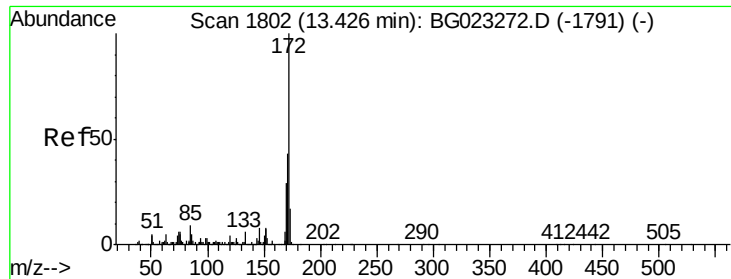


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

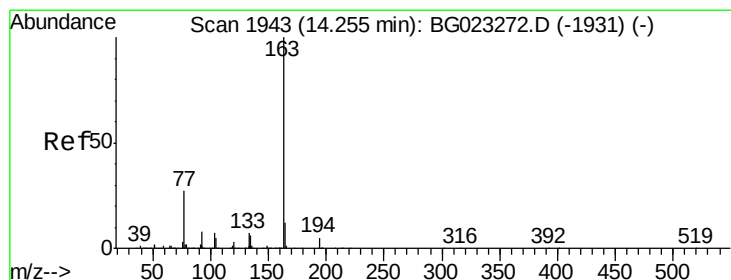
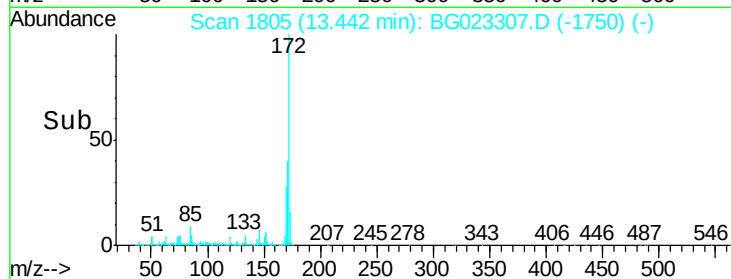
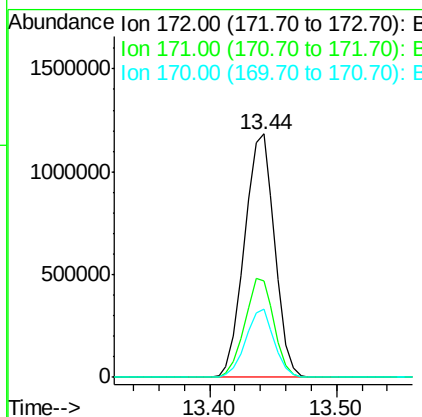
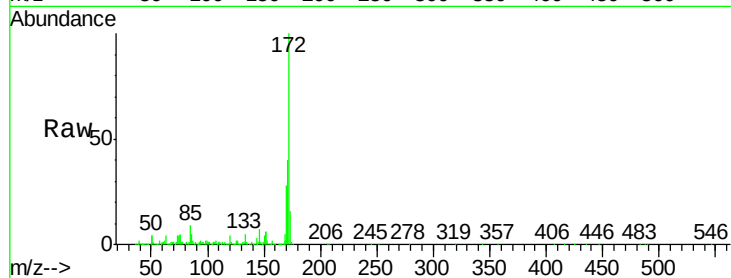




#44
2-Fluorobiphenyl
Concen: 69.84 ng
RT: 13.44 min Scan# 1805
Delta R.T. 0.02 min
Lab File: BG023307.D
Acq: 28 Jul 2016 15:06

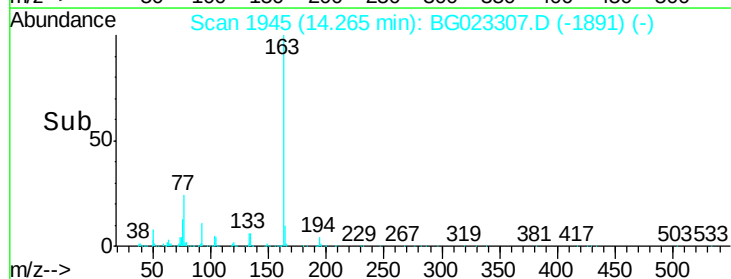
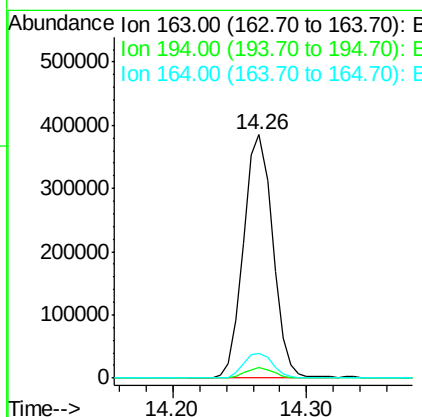
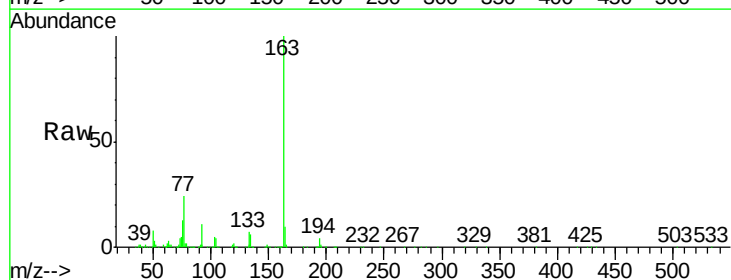
Instrument :
BNA_G
ClientSampleId :
SB-37-4.5-5.5

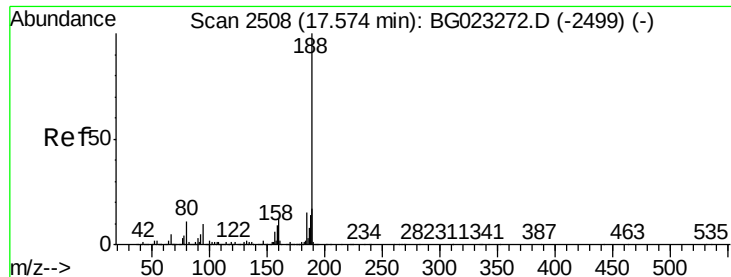
Tgt Ion:172 Resp: 1954372
Ion Ratio Lower Upper
172 100
171 39.5 31.6 47.4
170 28.1 21.3 31.9



#49
Dimethylphthalate
Concen: 15.11 ng
RT: 14.26 min Scan# 1945
Delta R.T. 0.01 min
Lab File: BG023307.D
Acq: 28 Jul 2016 15:06

Tgt Ion:163 Resp: 584029
Ion Ratio Lower Upper
163 100
194 4.3 3.6 5.4
164 10.0 8.1 12.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.58 min Scan# 2509

Delta R.T. 0.01 min

Lab File: BG023307.D

Acq: 28 Jul 2016 15:06

Instrument :

BNA_G

ClientSampled :

SB-37-4.5-5.5

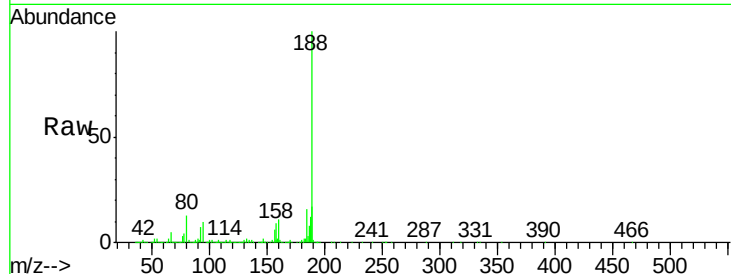
Tgt Ion:188 Resp: 1281913

Ion Ratio Lower Upper

188 100

94 10.5 5.2 7.8#

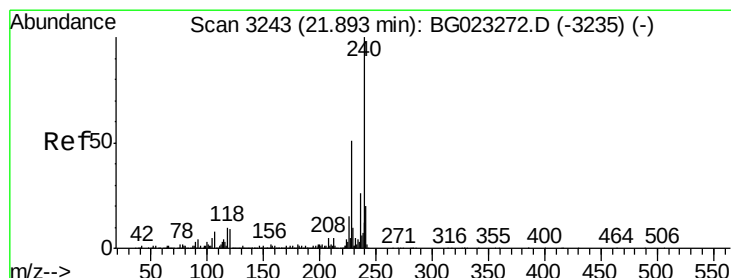
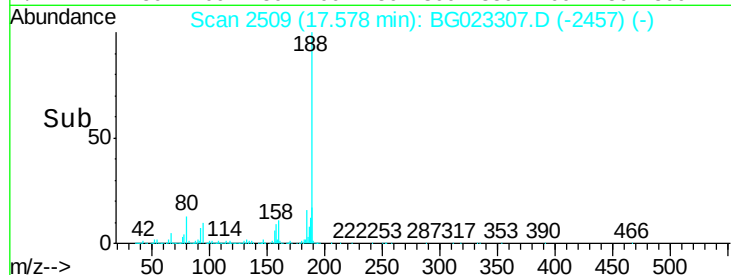
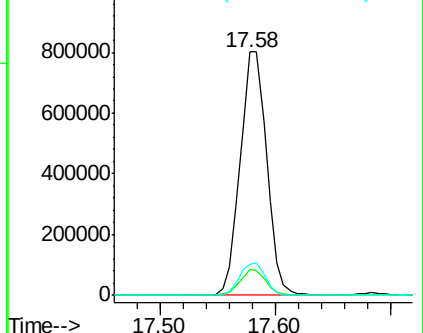
80 12.9 7.2 10.8#



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: 21.90 min Scan# 3245

Delta R.T. 0.01 min

Lab File: BG023307.D

Acq: 28 Jul 2016 15:06

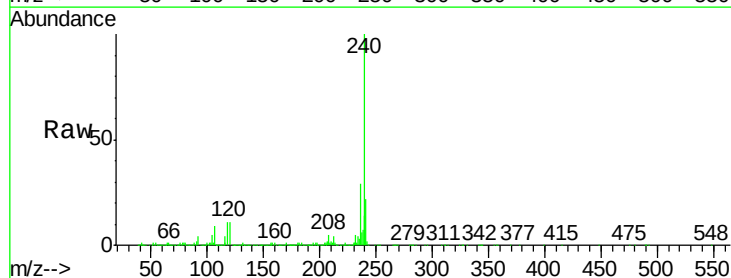
Tgt Ion:240 Resp: 1384153

Ion Ratio Lower Upper

240 100

120 11.0 4.1 6.1#

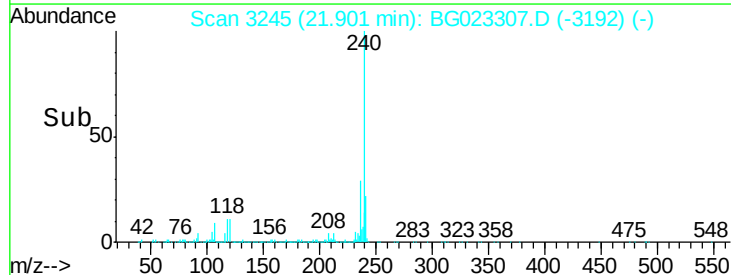
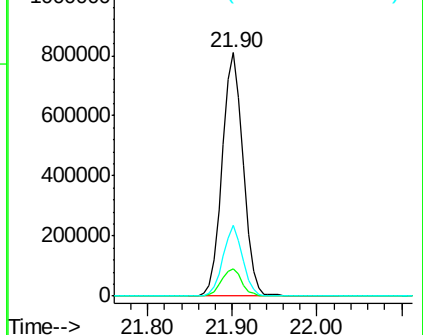
236 29.0 21.1 31.7

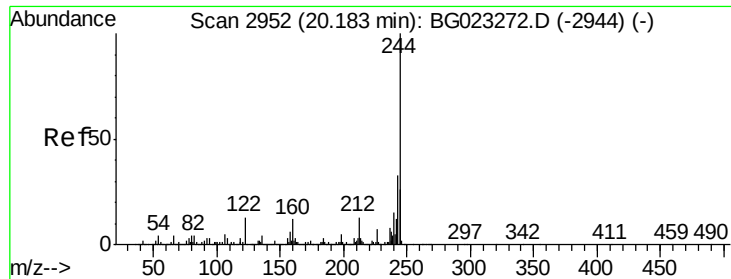


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 63.77 ng

RT: 20.19 min Scan# 2953

Delta R.T. 0.01 min

Lab File: BG023307.D

Acq: 28 Jul 2016 15:06

Instrument :

BNA_G

ClientSampleId :

SB-37-4.5-5.5

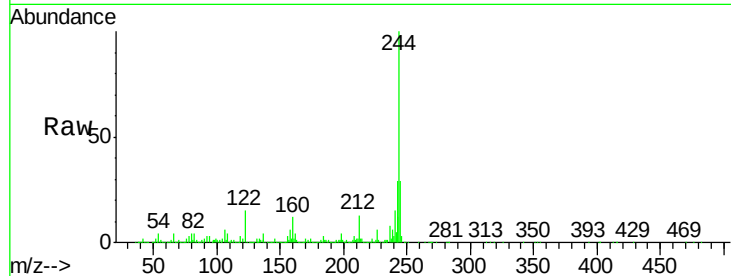
Tgt Ion:244 Resp: 2715496

Ion Ratio Lower Upper

244 100

212 12.5 10.8 16.2

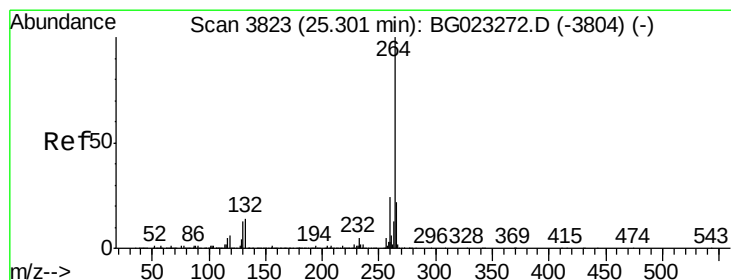
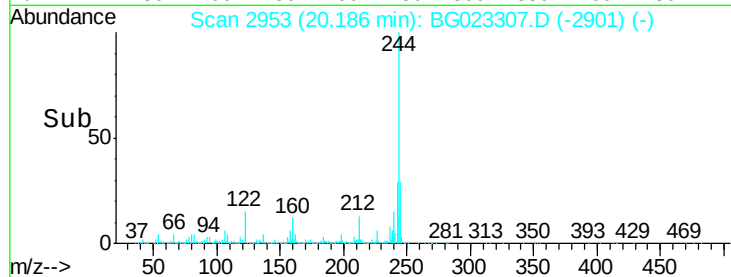
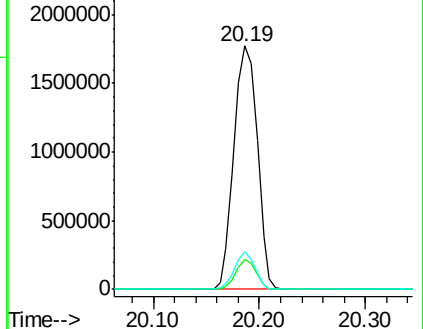
122 15.3 8.0 12.0#



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: 25.31 min Scan# 3826

Delta R.T. 0.01 min

Lab File: BG023307.D

Acq: 28 Jul 2016 15:06

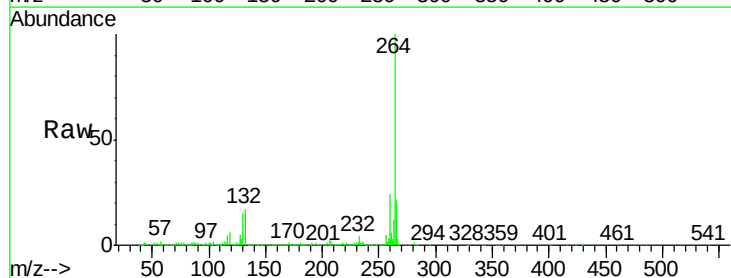
Tgt Ion:264 Resp: 1394266

Ion Ratio Lower Upper

264 100

260 24.0 18.4 27.6

265 21.4 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

