

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092117\
 Data File : BG028866.D
 Acq On : 21 Sep 2017 20:24
 Operator : SJ/JU
 Sample : I5309-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 22 00:55:50 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

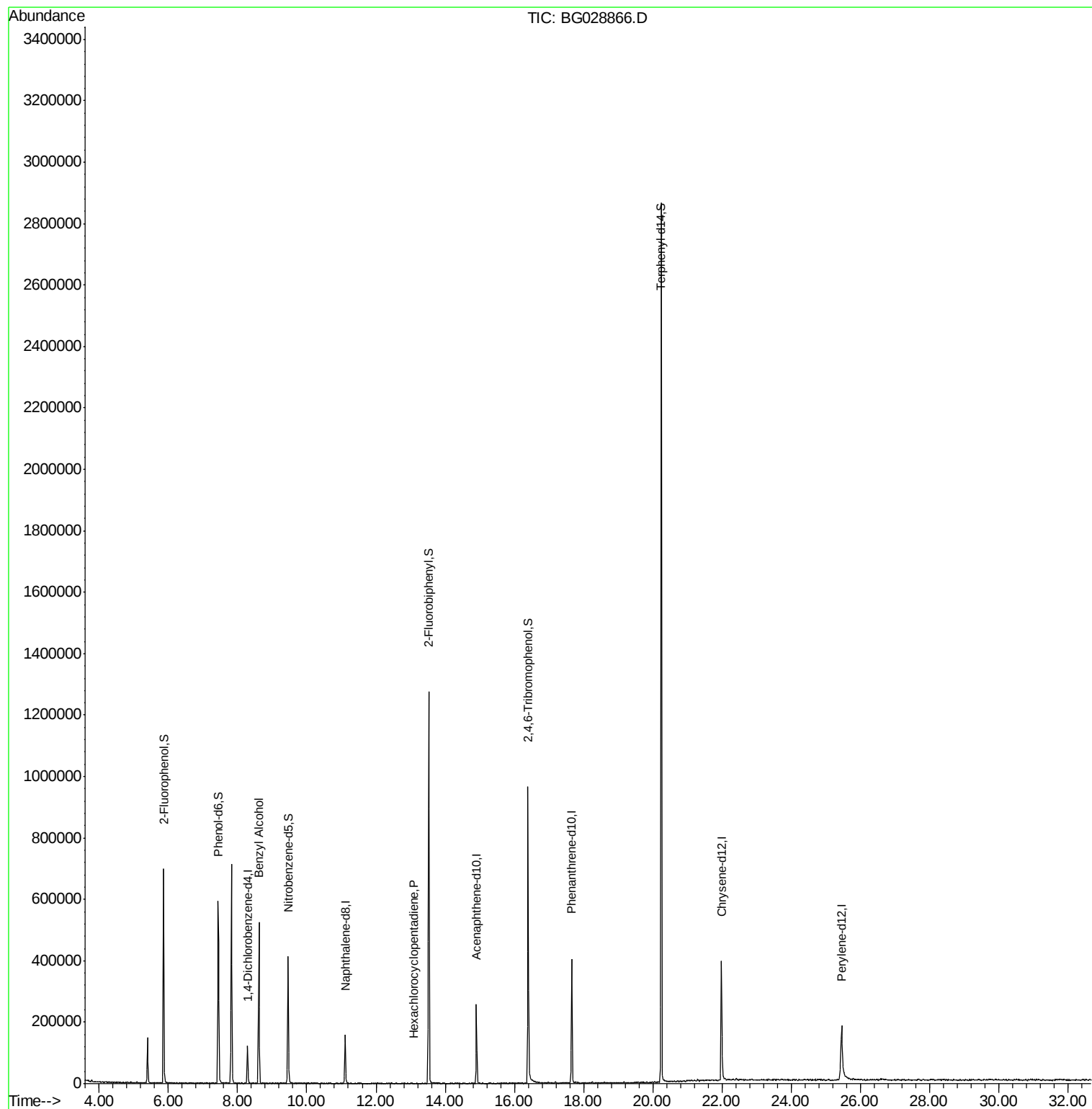
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	32038	20.00	ng	-0.04
21) Naphthalene-d8	11.11	136	134234	20.00	ng	-0.04
38) Acenaphthene-d10	14.90	164	94455	20.00	ng	-0.04
63) Phenanthrene-d10	17.66	188	265198	20.00	ng	-0.04
75) Chrysene-d12	21.98	240	300183	20.00	ng	-0.05
86) Perylene-d12	25.46	264	286895	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	298321	153.64	ng	-0.04
7) Phenol-d6	7.45	99	364544	124.70	ng	-0.04
23) Nitrobenzene-d5	9.46	82	275215	98.08	ng	-0.04
41) 2,4,6-Tribromophenol	16.40	330	222831	142.64	ng	-0.04
44) 2-Fluorobiphenyl	13.53	172	717850	101.34	ng	-0.04
78) Terphenyl-d14	20.25	244	1450563	103.05	ng	-0.03
Target Compounds						
15) Benzyl Alcohol	8.61	79	5058	2.22	ng	# 74
40) Hexachlorocyclopentadiene	13.09	237	68	7.64	ng	# 29

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.29 min Scan# 800

Delta R.T. -0.04 min

Lab File: BG028866.D

Acq: 21 Sep 2017 20:24

Instrument :

BNA_G

ClientSampleId :

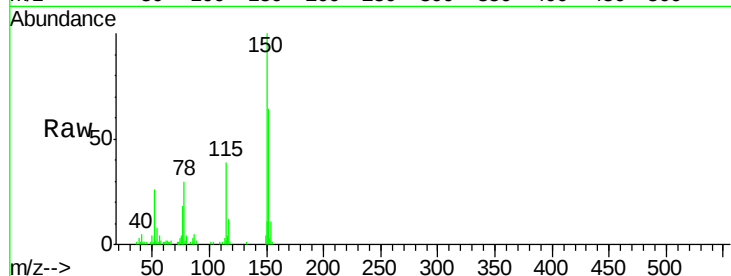
Tot Ion:152 Resp: 32038

Ion Ratio Lower Upper

152 100

150 155.2 114.0 171.0

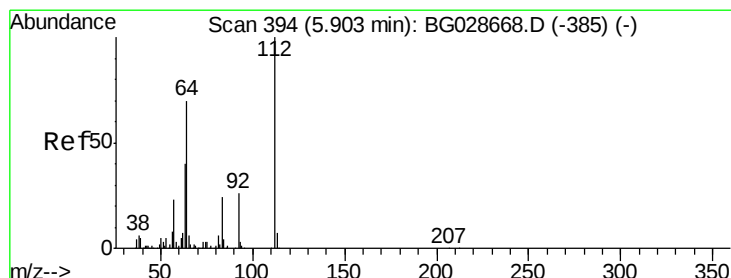
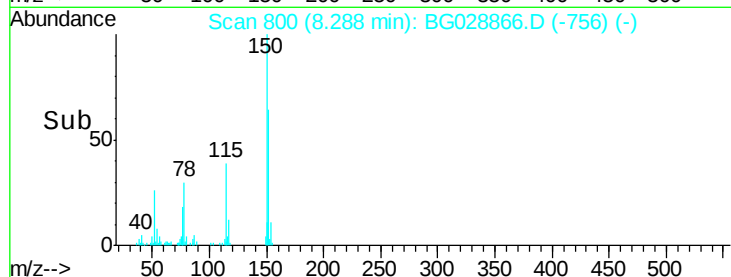
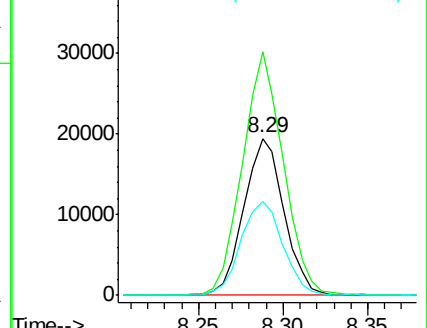
115 60.2 48.1 72.1



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: 153.64 ng

RT: 5.86 min Scan# 387

Delta R.T. -0.04 min

Lab File: BG028866.D

Acq: 21 Sep 2017 20:24

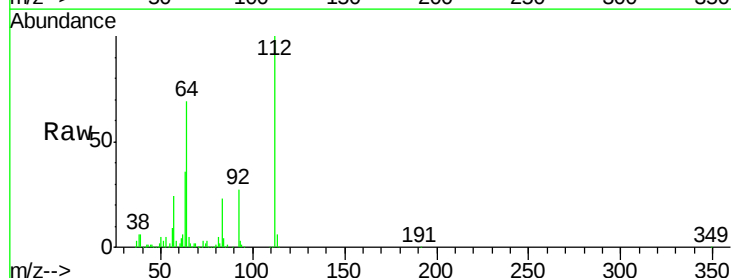
Tgt Ion:112 Resp: 298321

Ion Ratio Lower Upper

112 100

64 68.8 61.8 92.6

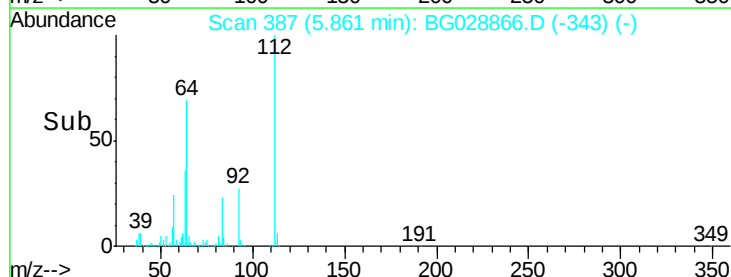
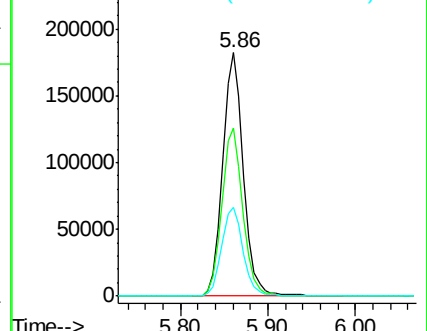
63 36.4 37.2 55.8#

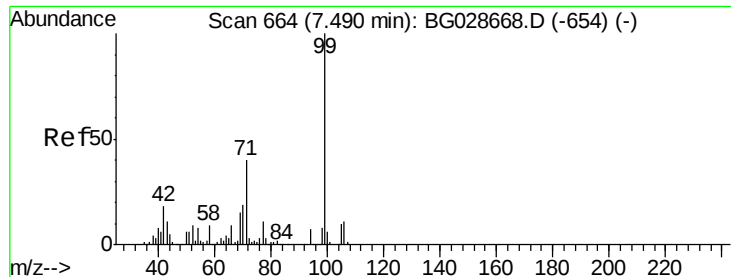


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 124.70 ng

RT: 7.45 min Scan# 657

Delta R.T. -0.04 min

Lab File: BG028866.D

Acq: 21 Sep 2017 20:24

Instrument :

BNA_G

ClientSampleId :

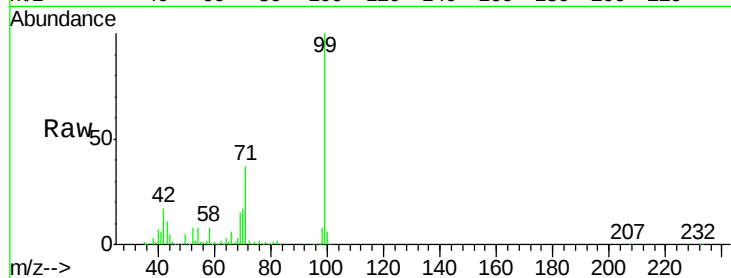
Tot Ion: 99 Resp: 364544

Ion Ratio Lower Upper

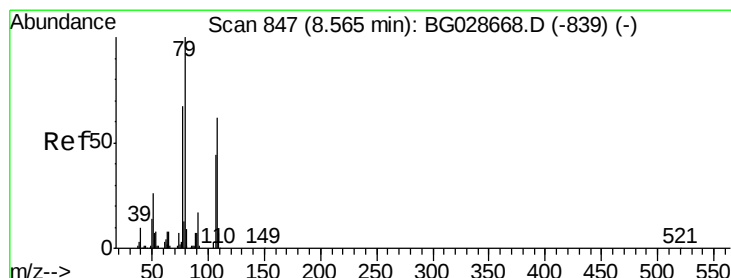
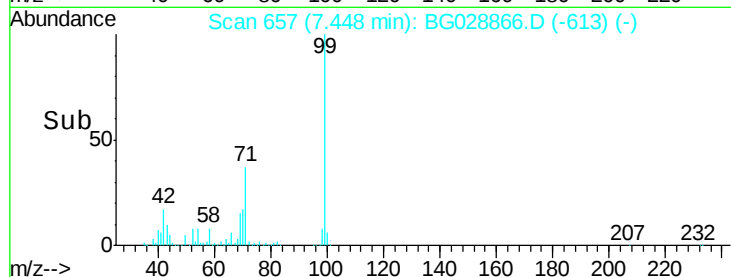
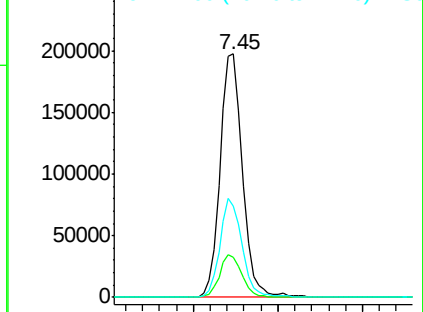
99 100

42 16.7 20.5 30.7#

71 37.5 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



#15

Benzyl Alcohol

Concen: 2.22 ng

RT: 8.61 min Scan# 855

Delta R.T. 0.05 min

Lab File: BG028866.D

Acq: 21 Sep 2017 20:24

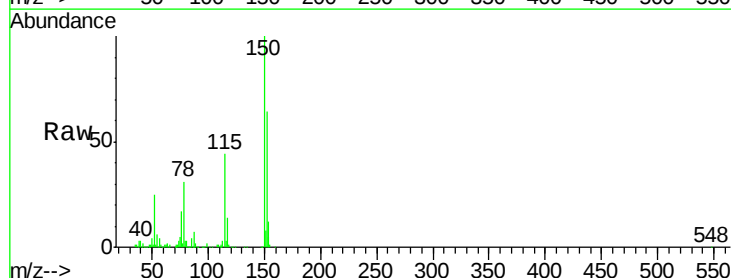
Tgt Ion: 79 Resp: 5058

Ion Ratio Lower Upper

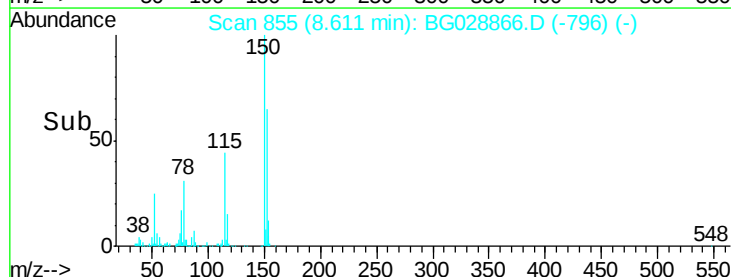
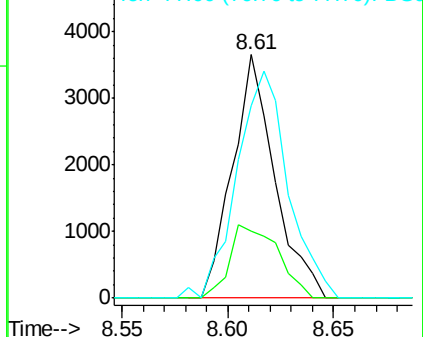
79 100

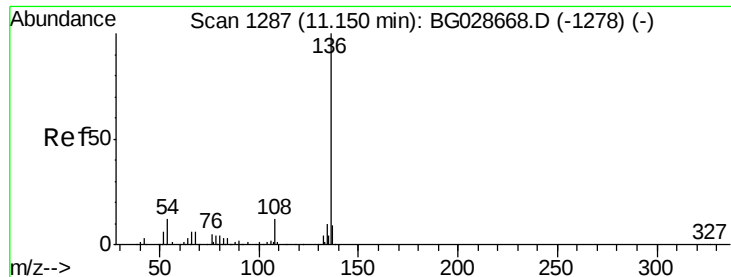
108 27.4 45.5 68.3#

77 79.1 54.3 81.5



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.11 min Scan# 1280

Delta R.T. -0.04 min

Lab File: BG028866.D

Acq: 21 Sep 2017 20:24

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 134234

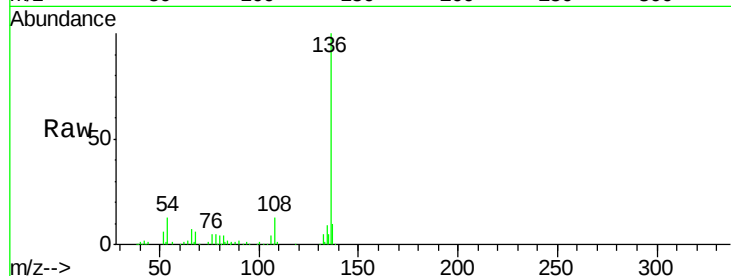
Ion Ratio Lower Upper

136 100

137 10.2 8.9 13.3

54 12.8 9.3 13.9

68 5.6 5.1 7.7

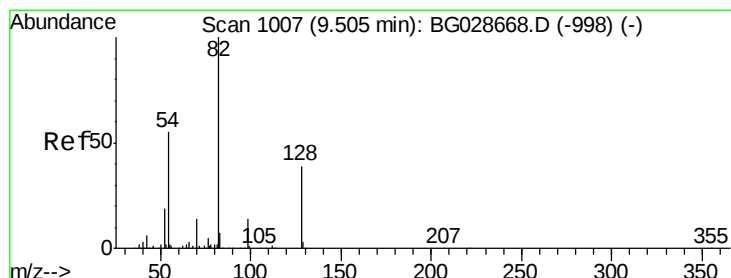
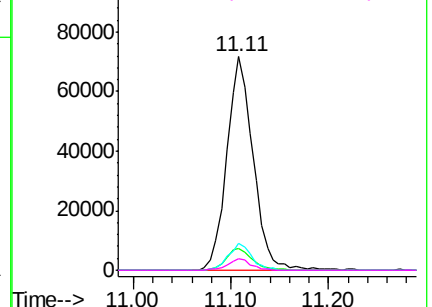
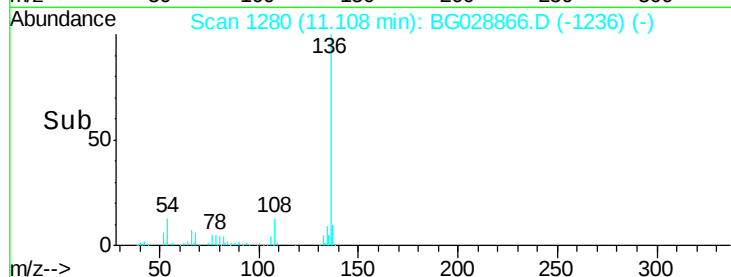


Abundance Ion 136.00 (135.70 to 136.70): E

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: 98.08 ng

RT: 9.46 min Scan# 1000

Delta R.T. -0.04 min

Lab File: BG028866.D

Acq: 21 Sep 2017 20:24

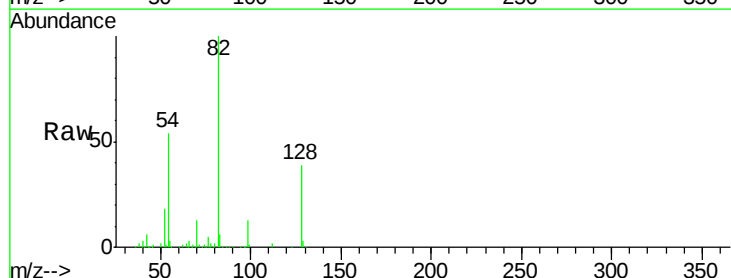
Tgt Ion: 82 Resp: 275215

Ion Ratio Lower Upper

82 100

128 38.9 26.4 39.6

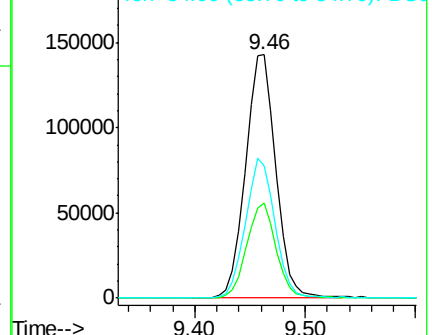
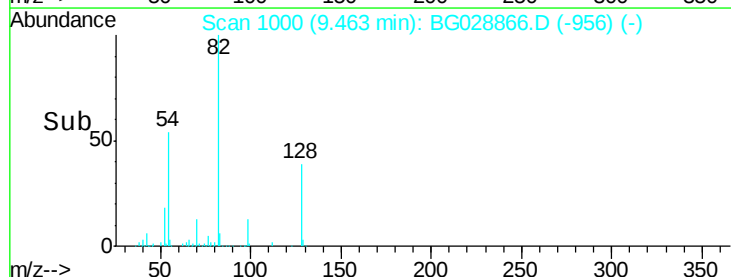
54 54.4 49.4 74.2

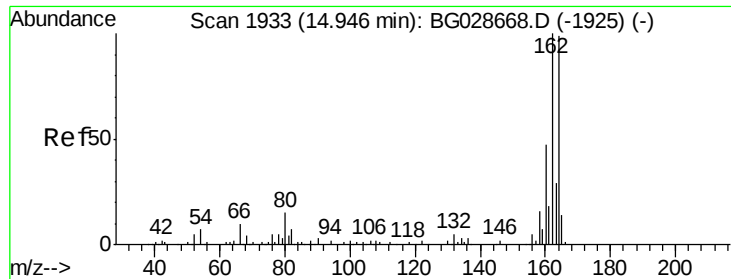


Abundance Ion 82.00 (81.70 to 82.70): BGC

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: 14.90 min Scan# 1926

Delta R.T. -0.04 min

Lab File: BG028866.D

Acq: 21 Sep 2017 20:24

Instrument :

BNA_G

ClientSampleId :

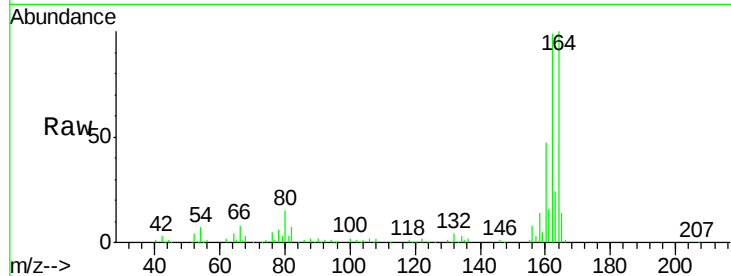
Tot Ion:164 Resp: 94455

Ion Ratio Lower Upper

164 100

162 99.0 85.1 127.7

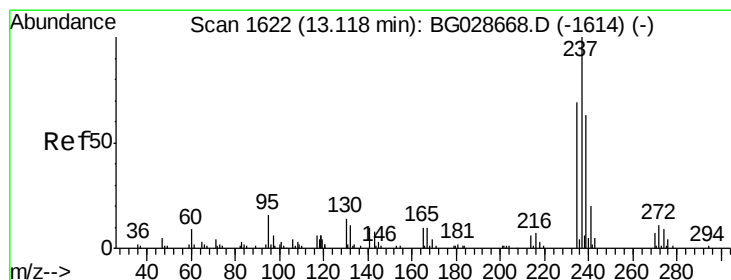
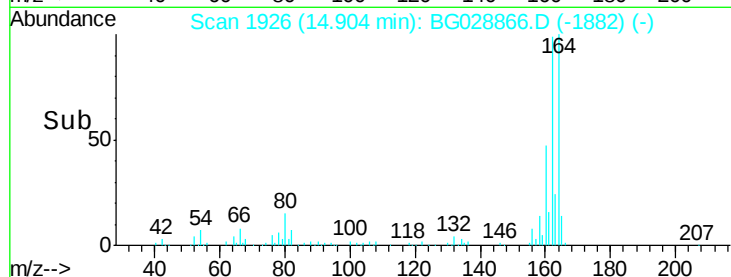
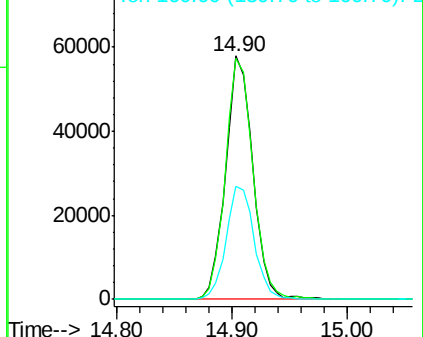
160 46.5 34.7 52.1



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



#40

Hexachlorocyclopentadiene

Concen: 7.64 ng

RT: 13.09 min Scan# 1618

Delta R.T. -0.02 min

Lab File: BG028866.D

Acq: 21 Sep 2017 20:24

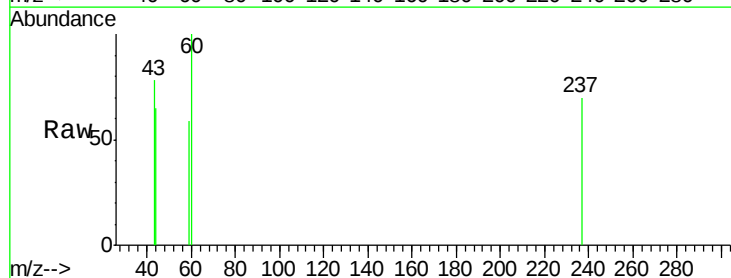
Tgt Ion:237 Resp: 68

Ion Ratio Lower Upper

237 100

235 0.0 39.4 79.4#

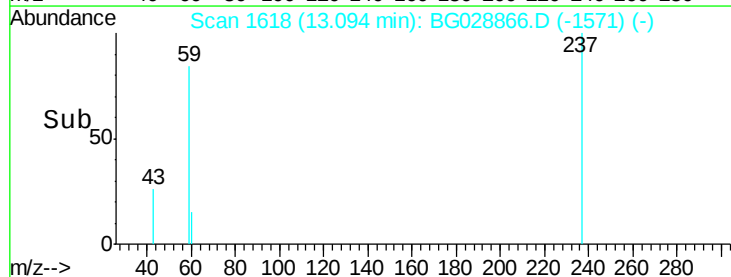
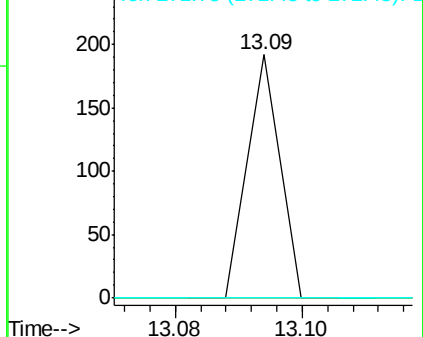
272 0.0 0.0 32.0

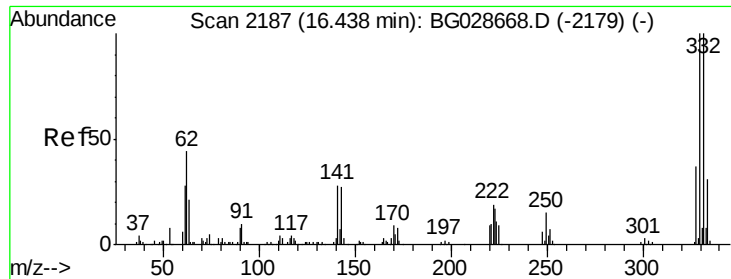


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

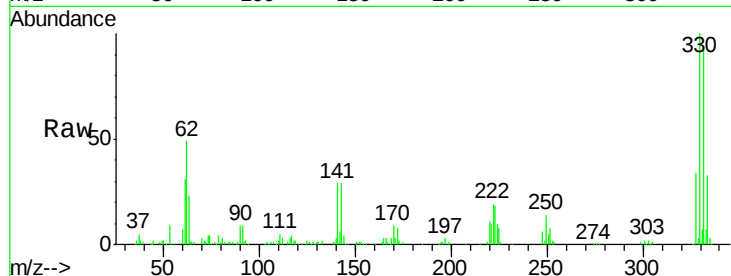




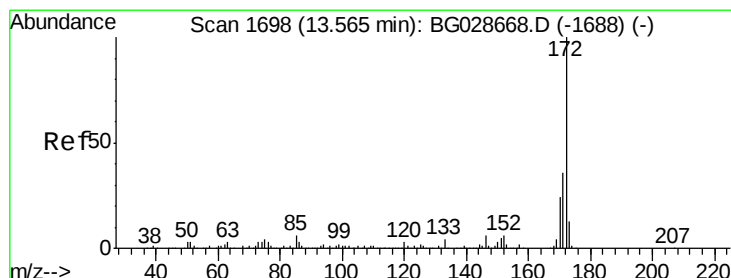
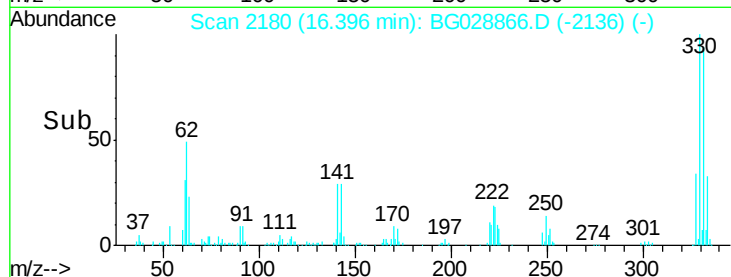
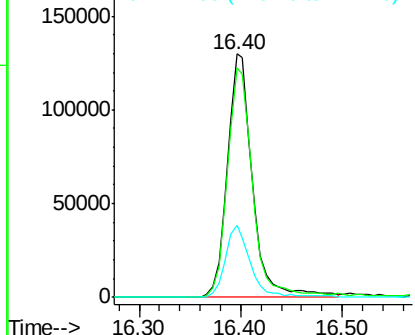
#41
 2,4,6-Tribromophenol
 Concen: 142.64 ng
 RT: 16.40 min Scan# 2180
 Delta R.T. -0.04 min
 Lab File: BG028866.D
 Acq: 21 Sep 2017 20:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 222831
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.3 115.9
 141 29.9 32.1 48.1#

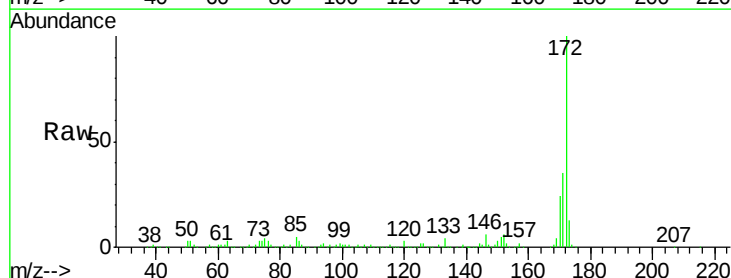


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

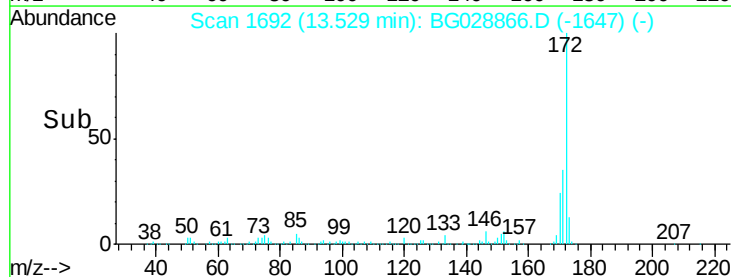
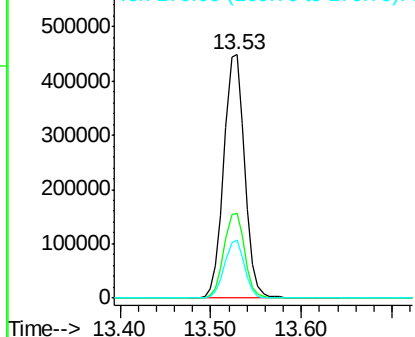


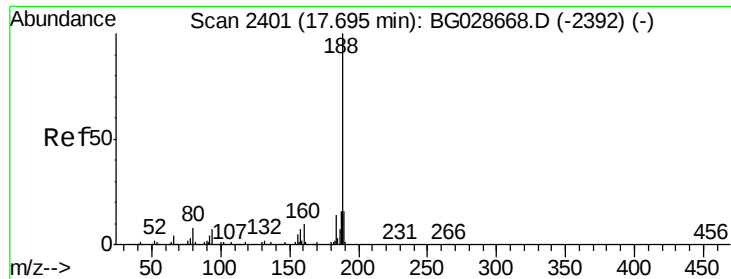
#44
 2-Fluorobiphenyl
 Concen: 101.34 ng
 RT: 13.53 min Scan# 1692
 Delta R.T. -0.04 min
 Lab File: BG028866.D
 Acq: 21 Sep 2017 20:24

Tgt Ion:172 Resp: 717850
 Ion Ratio Lower Upper
 172 100
 171 34.7 32.2 48.2
 170 23.7 21.8 32.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.66 min Scan# 2395

Delta R.T. -0.04 min

Lab File: BG028866.D

Acq: 21 Sep 2017 20:24

Instrument :

BNA_G

ClientSampleId :

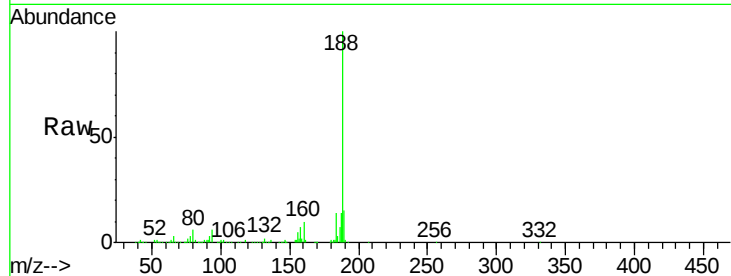
Tot Ion:188 Resp: 265198

Ion Ratio Lower Upper

188 100

94 5.6 5.8 8.8#

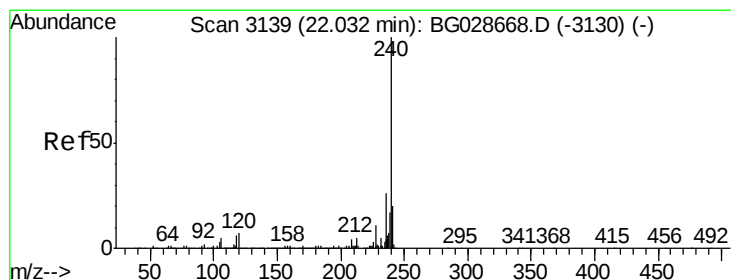
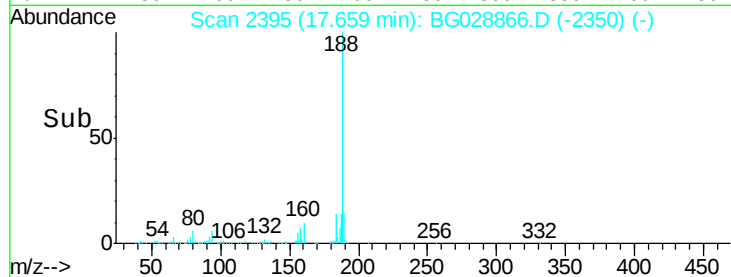
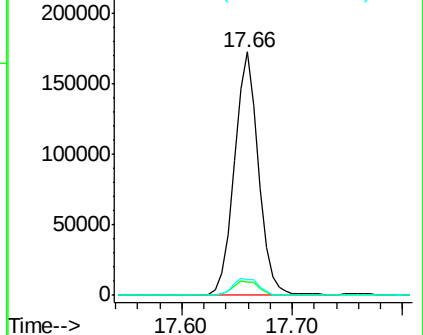
80 6.4 7.5 11.3#



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: 21.98 min Scan# 3131

Delta R.T. -0.05 min

Lab File: BG028866.D

Acq: 21 Sep 2017 20:24

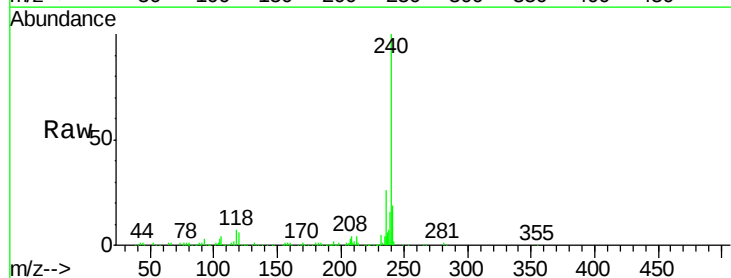
Tgt Ion:240 Resp: 300183

Ion Ratio Lower Upper

240 100

120 5.9 5.7 8.5

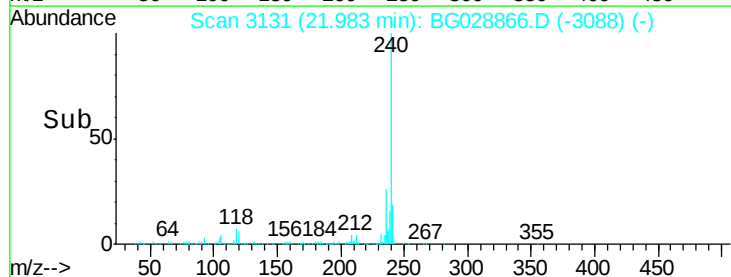
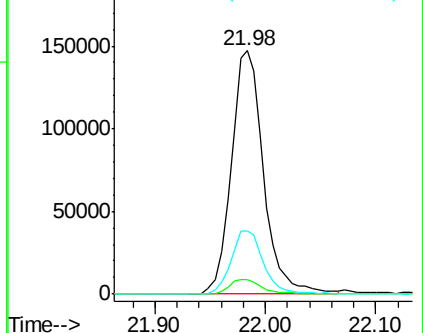
236 25.8 22.2 33.4

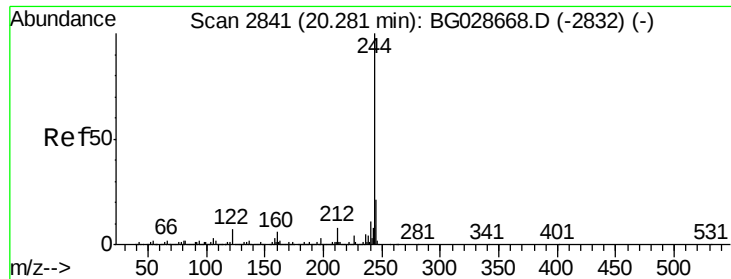


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 103.05 ng

RT: 20.25 min Scan# 2836

Delta R.T. -0.03 min

Lab File: BG028866.D

Acq: 21 Sep 2017 20:24

Instrument :

BNA_G

ClientSampled :

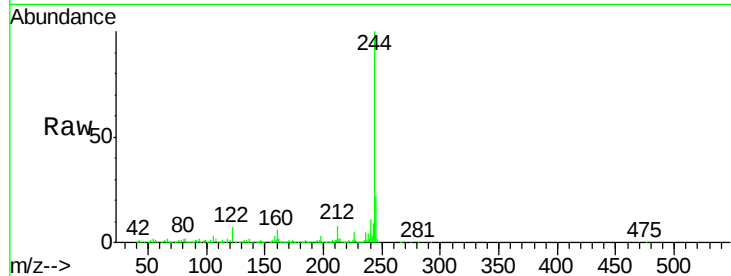
Tot Ion:244 Resp: 1450563

Ion Ratio Lower Upper

244 100

212 7.7 10.0 15.0#

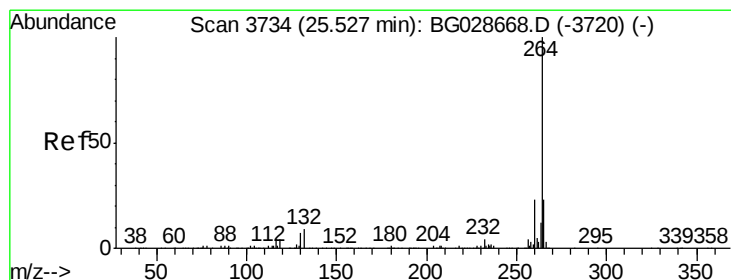
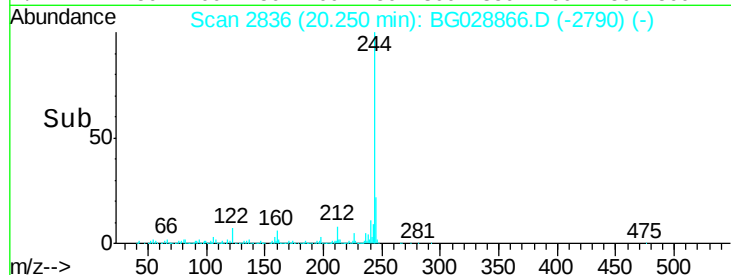
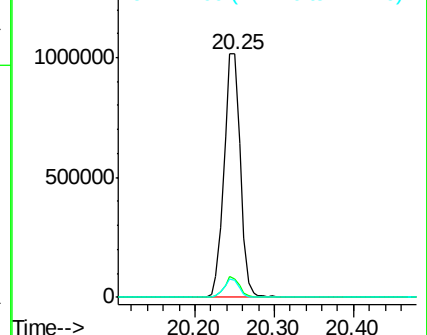
122 7.1 8.6 12.8#



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: 25.46 min Scan# 3722

Delta R.T. -0.07 min

Lab File: BG028866.D

Acq: 21 Sep 2017 20:24

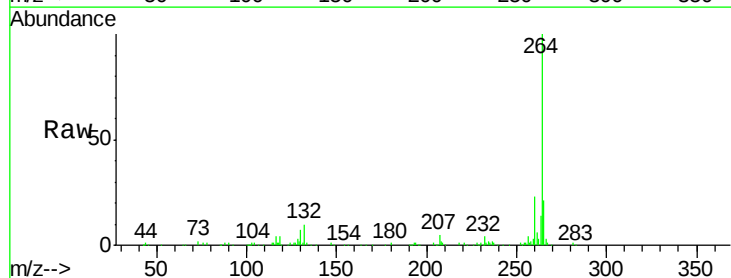
Tgt Ion:264 Resp: 286895

Ion Ratio Lower Upper

264 100

260 22.9 21.8 32.8

265 21.3 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

