

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042815\
 Data File : BG016786.D
 Acq On : 29 Apr 2015 6:11
 Operator : TP/IZ
 Sample : G2004-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-04

Quant Time: Apr 29 07:53:09 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 19:19:11 2015
 Response via : Initial Calibration

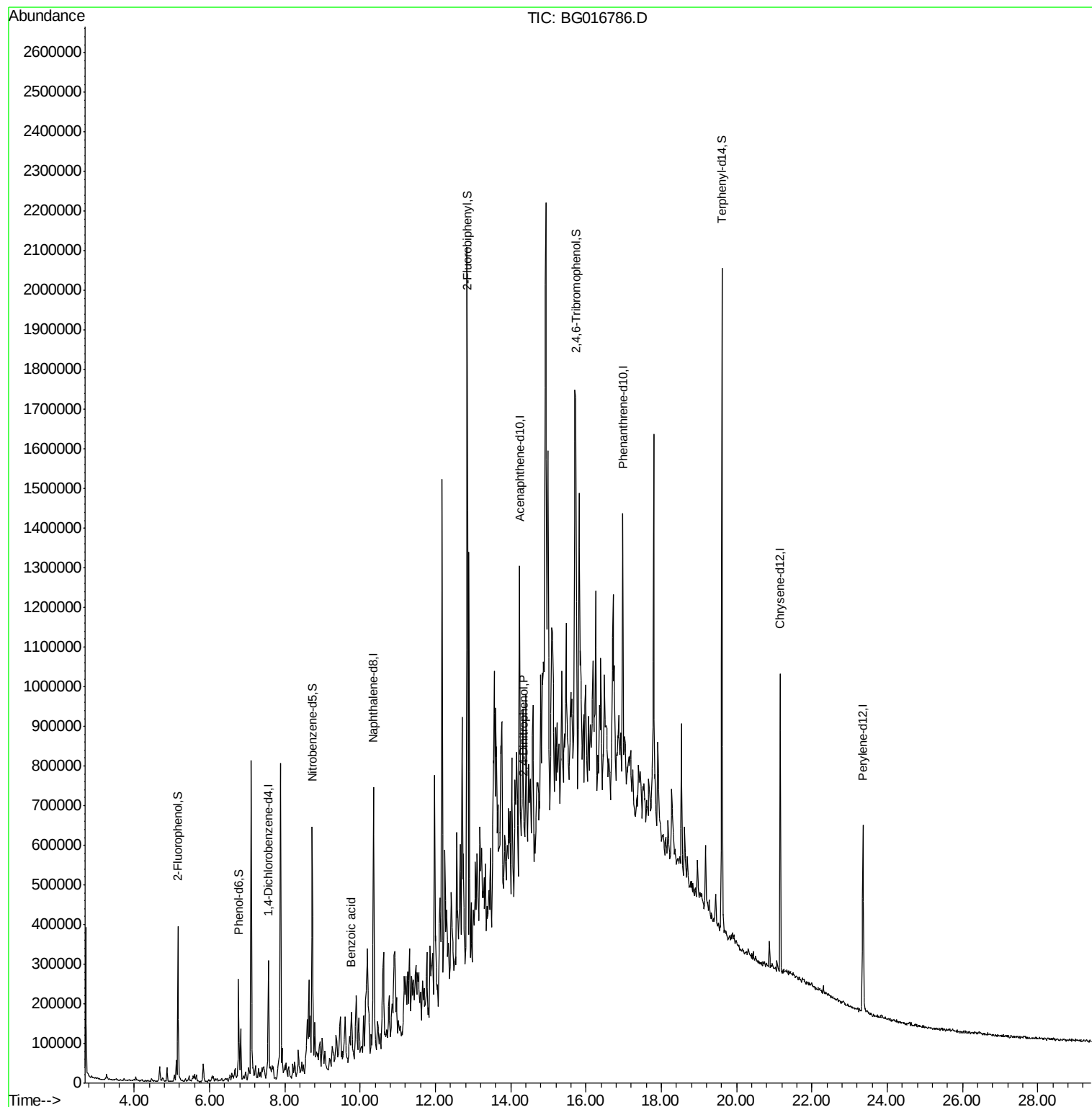
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	76617	20.00	ng	-0.04
21) Naphthalene-d8	10.35	136	342031	20.00	ng	-0.04
38) Acenaphthene-d10	14.23	164	186877	20.00	ng	-0.02
63) Phenanthrene-d10	16.98	188	340550	20.00	ng	-0.02
75) Chrysene-d12	21.16	240	293475	20.00	ng	-0.02
86) Perylene-d12	23.36	264	277747	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	206283	43.69	ng	-0.03
7) Phenol-d6	6.77	99	178585	26.96	ng	-0.03
23) Nitrobenzene-d5	8.73	82	342693	63.31	ng	-0.04
41) 2,4,6-Tribromophenol	15.73	330	122166	88.12	ng	-0.02
44) 2-Fluorobiphenyl	12.84	172	821167	70.60	ng	-0.03
78) Terphenyl-d14	19.61	244	615623	48.32	ng	-0.02
Target Compounds						
32) Benzoic acid	9.76	122	837	9.09	ng	# 1
53) 2,4-Dinitrophenol	14.36	184	267	7.74	ng	# 1

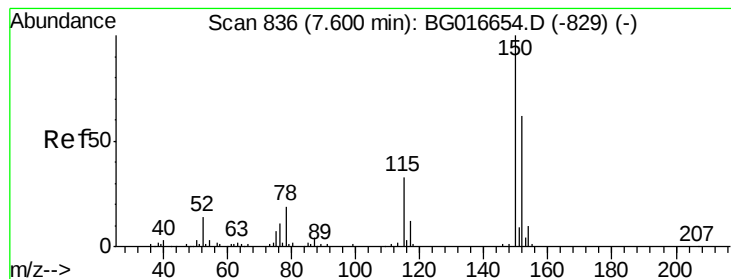
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.56 min Scan# 830

Delta R.T. -0.04 min

Lab File: BG016786.D

Acq: 29 Apr 2015 6:11

Instrument :

BNA_G

ClientSampleId :

MW-04

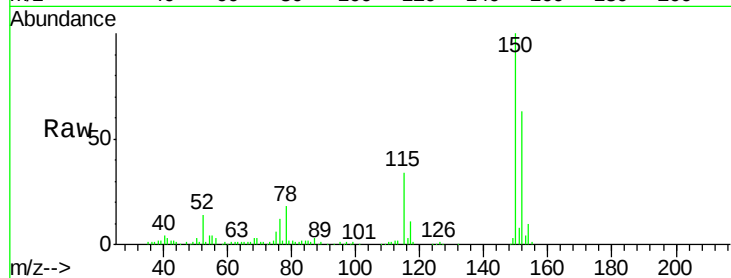
Tgt Ion:152 Resp: 76617

Ion Ratio Lower Upper

152 100

150 158.1 129.6 194.4

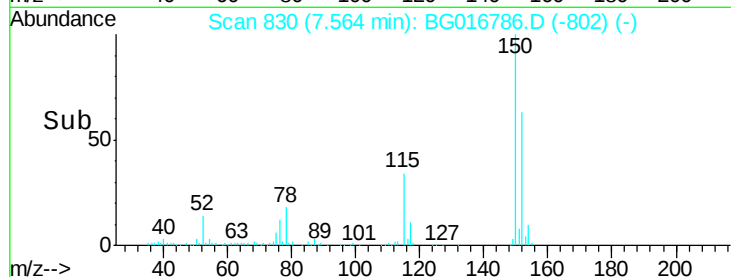
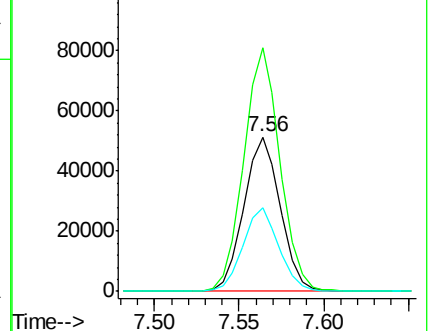
115 54.2 43.0 64.6



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: 43.69 ng

RT: 5.16 min Scan# 421

Delta R.T. -0.03 min

Lab File: BG016786.D

Acq: 29 Apr 2015 6:11

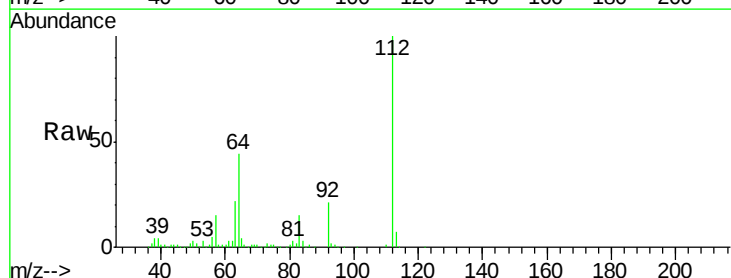
Tgt Ion:112 Resp: 206283

Ion Ratio Lower Upper

112 100

64 44.0 38.3 57.5

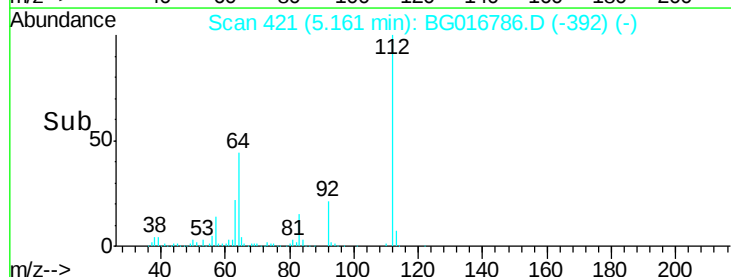
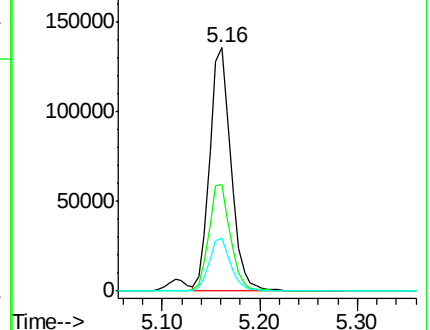
63 21.8 18.9 28.3

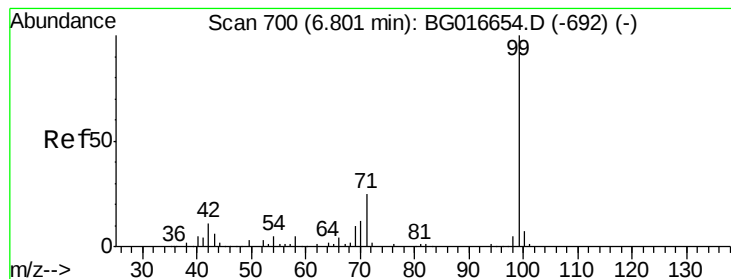


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 26.96 ng

RT: 6.77 min Scan# 695

Delta R.T. -0.03 min

Lab File: BG016786.D

Acq: 29 Apr 2015 6:11

Instrument :

BNA_G

ClientSampleId :

MW-04

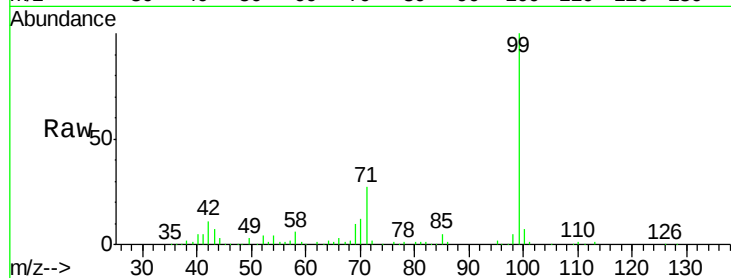
Tgt Ion: 99 Resp: 178585

Ion Ratio Lower Upper

99 100

42 11.4 8.8 13.2

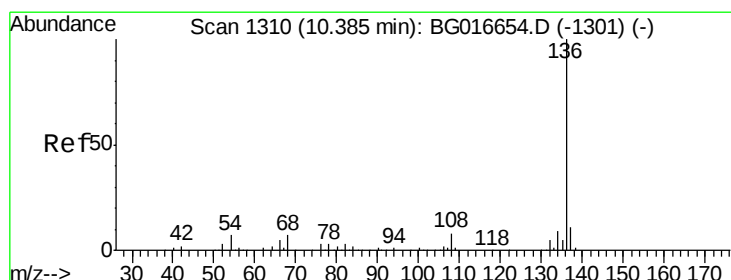
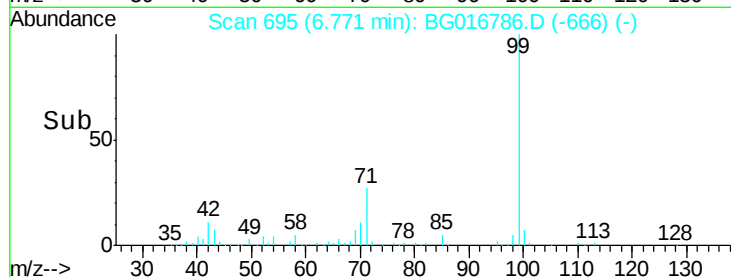
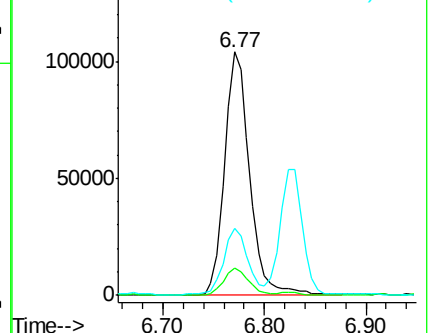
71 27.3 19.9 29.9



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: 10.35 min Scan# 1304

Delta R.T. -0.04 min

Lab File: BG016786.D

Acq: 29 Apr 2015 6:11

Tgt Ion: 136 Resp: 342031

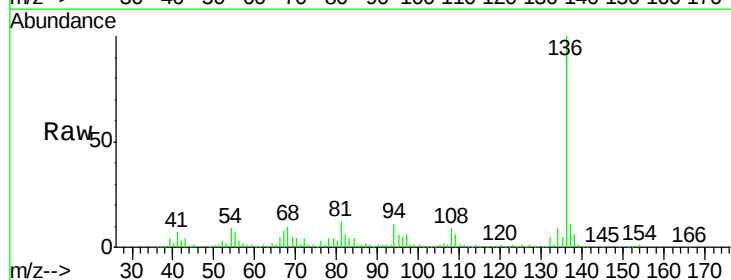
Ion Ratio Lower Upper

136 100

137 11.5 8.5 12.7

54 9.4 5.4 8.2#

68 9.5 5.2 7.8#

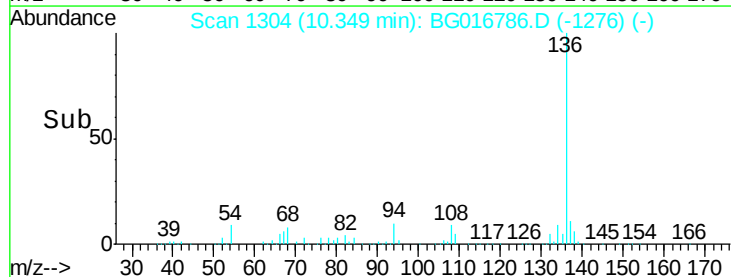
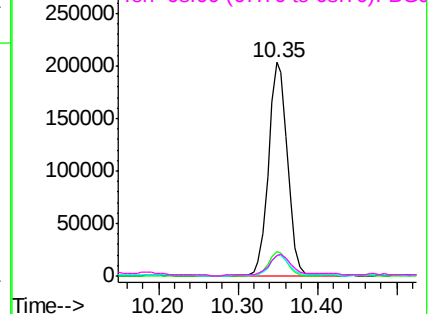


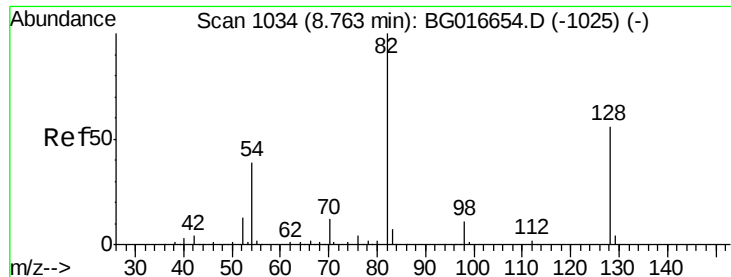
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

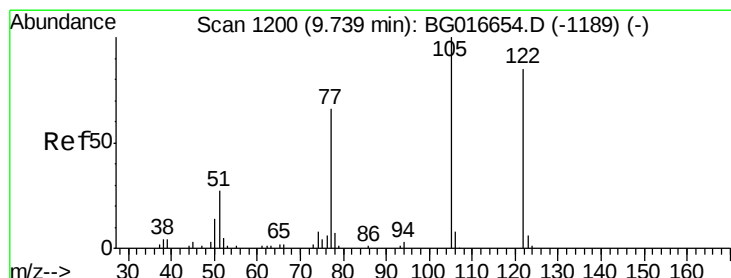
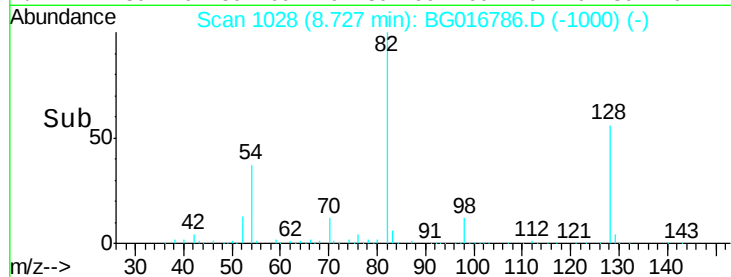
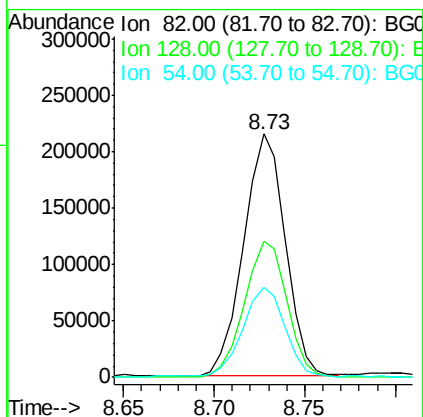
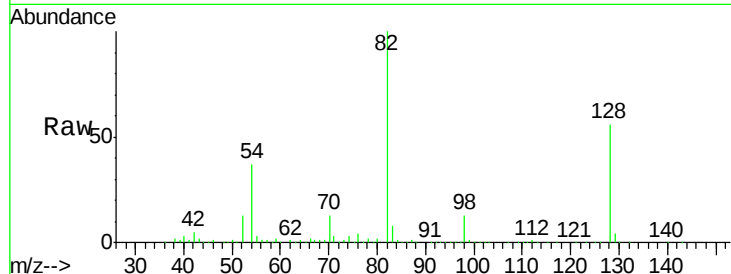




#23
 Nitrobenzene-d5
 Concen: 63.31 ng
 RT: 8.73 min Scan# 1028
 Delta R.T. -0.04 min
 Lab File: BG016786.D
 Acq: 29 Apr 2015 6:11

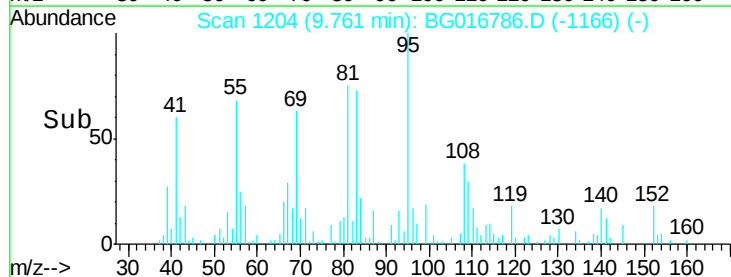
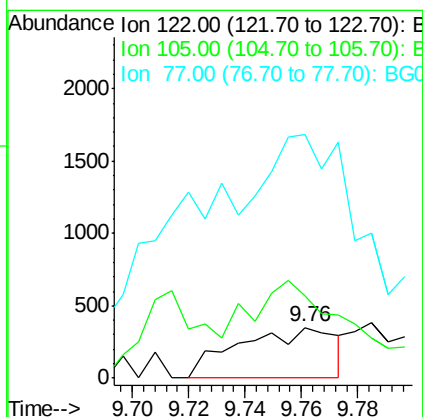
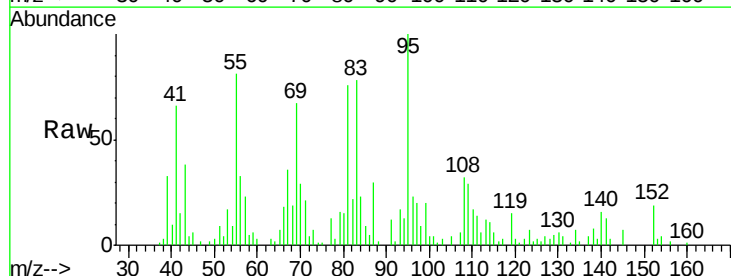
Instrument :
 BNA_G
 ClientSampleId :
 MW-04

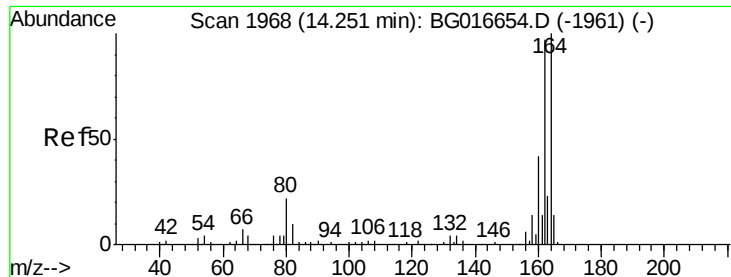
Tgt Ion: 82 Resp: 342693
 Ion Ratio Lower Upper
 82 100
 128 56.0 44.7 67.1
 54 37.1 30.9 46.3



#32
 Benzoic acid
 Concen: 9.09 ng
 RT: 9.76 min Scan# 1204
 Delta R.T. 0.02 min
 Lab File: BG016786.D
 Acq: 29 Apr 2015 6:11

Tgt Ion: 122 Resp: 837
 Ion Ratio Lower Upper
 122 100
 105 162.1 97.2 137.2#
 77 479.5 58.4 98.4#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.23 min Scan# 1964

Delta R.T. -0.02 min

Lab File: BG016786.D

Acq: 29 Apr 2015 6:11

Instrument :

BNA_G

ClientSampleId :

MW-04

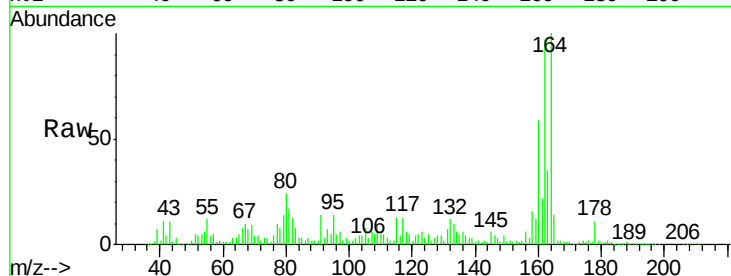
Tgt Ion:164 Resp: 186877

Ion Ratio Lower Upper

164 100

162 96.9 77.3 115.9

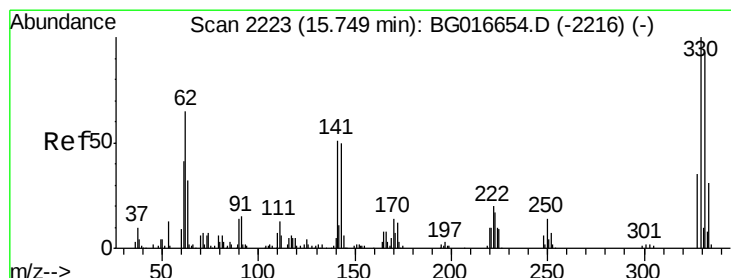
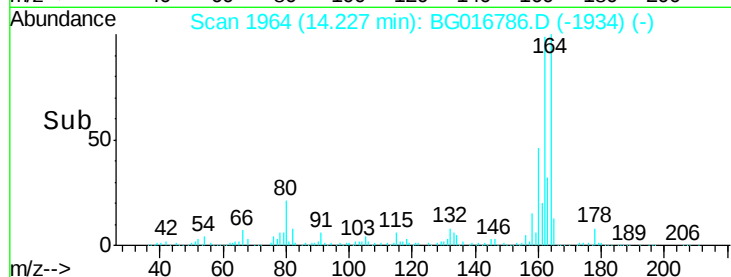
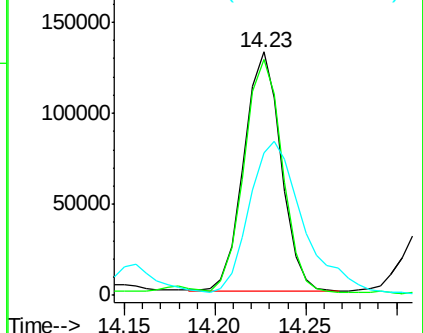
160 58.6 33.7 50.5#



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: 88.12 ng

RT: 15.73 min Scan# 2220

Delta R.T. -0.02 min

Lab File: BG016786.D

Acq: 29 Apr 2015 6:11

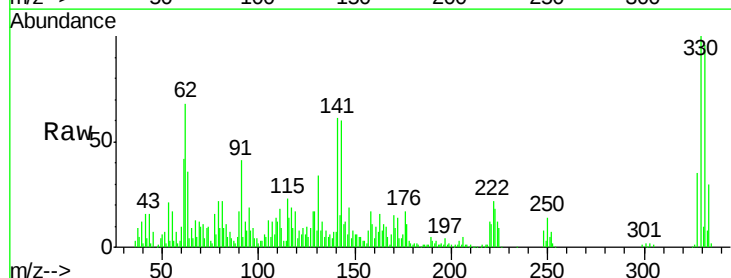
Tgt Ion:330 Resp: 122166

Ion Ratio Lower Upper

330 100

332 96.3 76.2 114.4

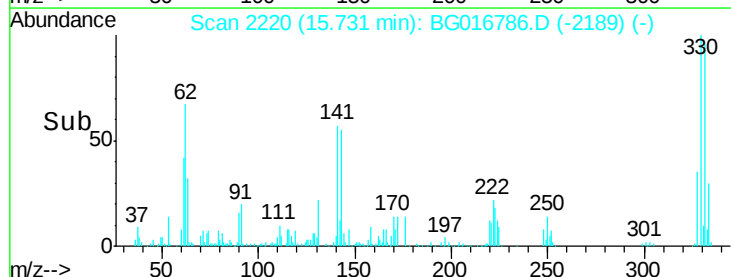
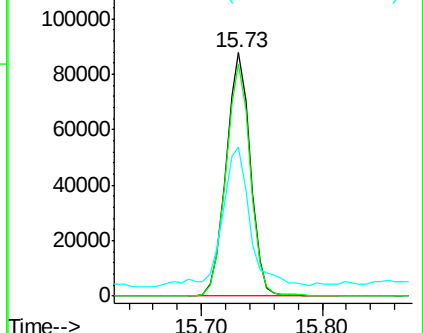
141 65.3 43.0 64.6#

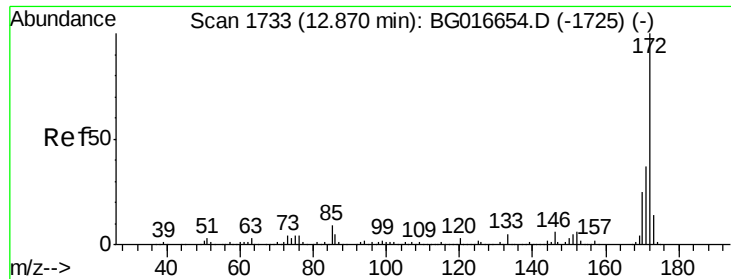


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

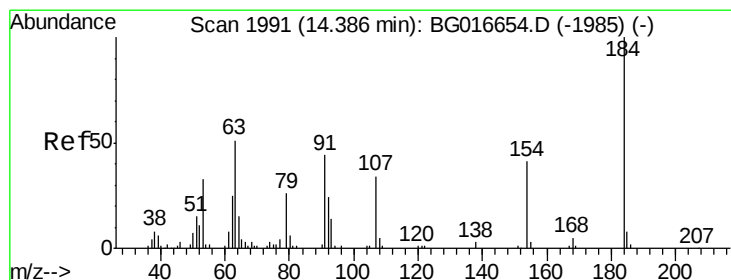
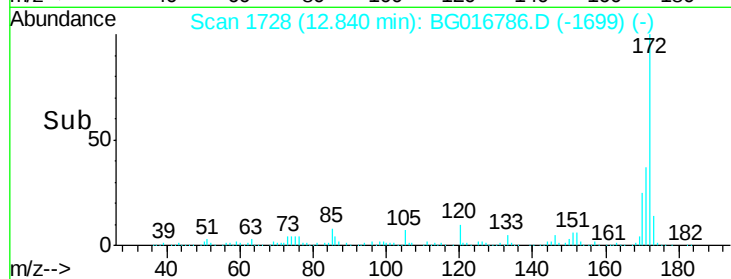
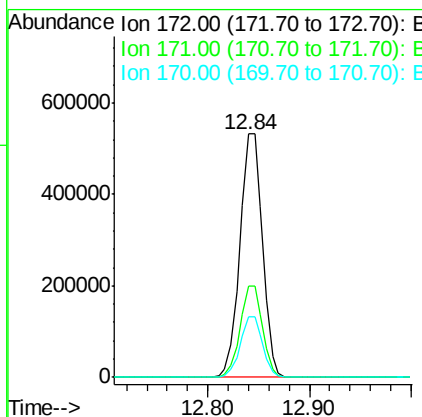
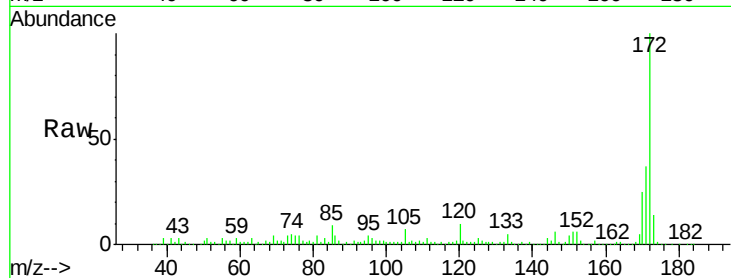




#44
 2-Fluorobiphenyl
 Concen: 70.60 ng
 RT: 12.84 min Scan# 1728
 Delta R.T. -0.03 min
 Lab File: BG016786.D
 Acq: 29 Apr 2015 6:11

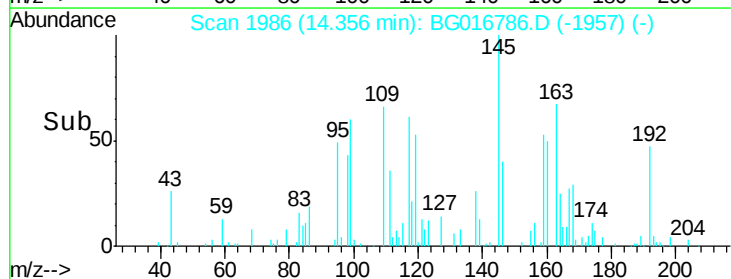
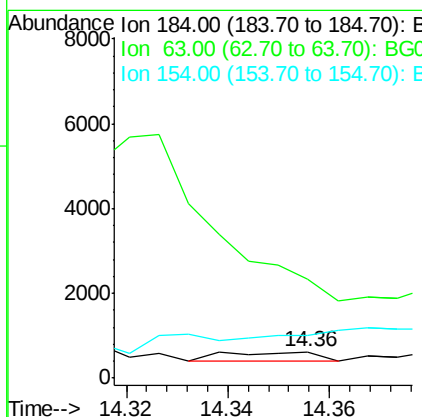
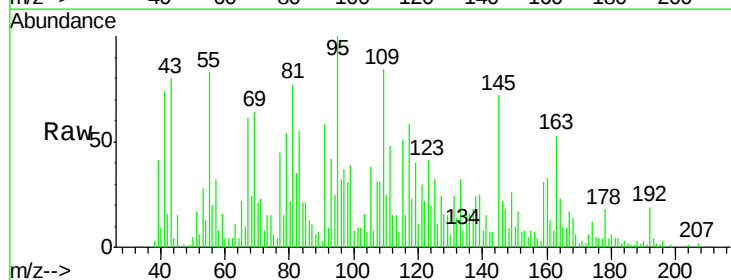
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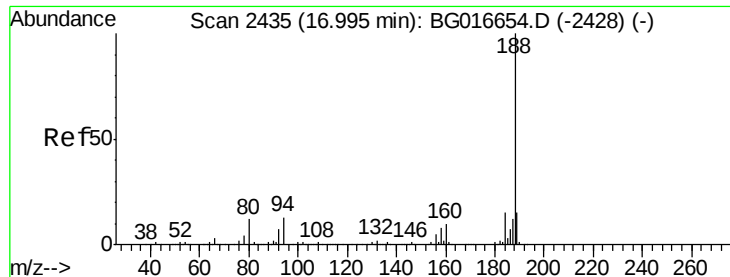
Tgt Ion:172 Resp: 821167
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.9 44.9
 170 24.8 19.8 29.8



#53
 2,4-Dinitrophenol
 Concen: 7.74 ng
 RT: 14.36 min Scan# 1986
 Delta R.T. -0.03 min
 Lab File: BG016786.D
 Acq: 29 Apr 2015 6:11

Tgt Ion:184 Resp: 267
 Ion Ratio Lower Upper
 184 100
 63 374.3 40.7 61.1#
 154 162.7 34.1 51.1#

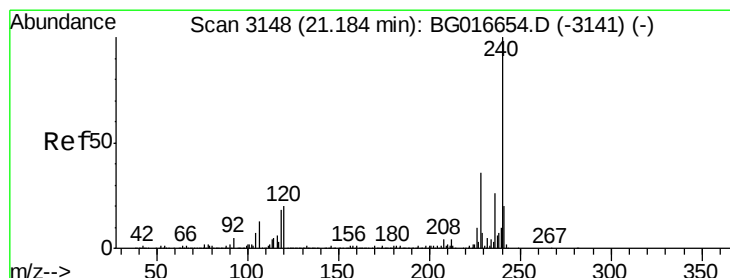
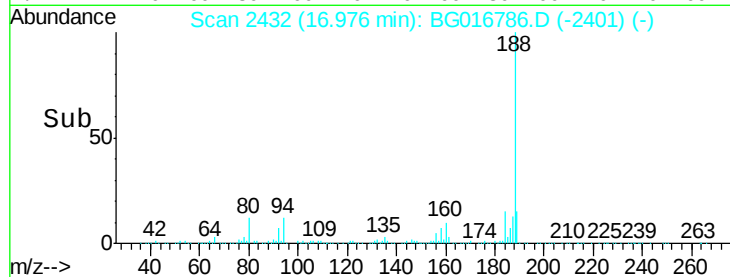
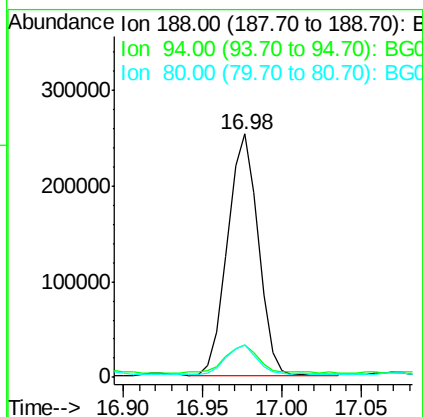
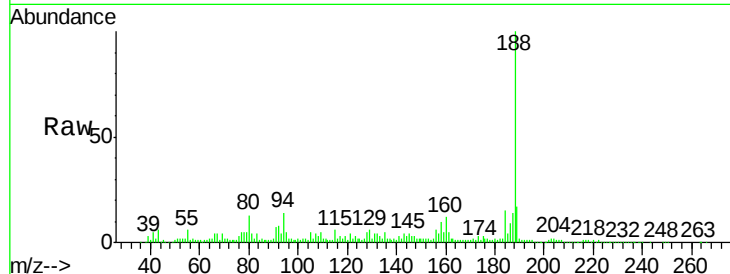




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.98 min Scan# 2432
Delta R.T. -0.02 min
Lab File: BG016786.D
Acq: 29 Apr 2015 6:11

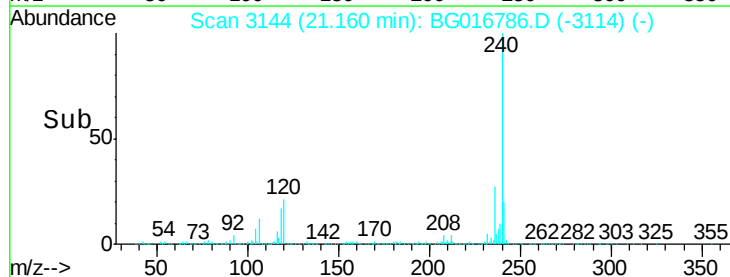
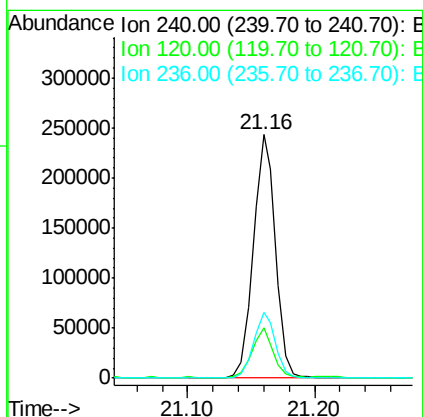
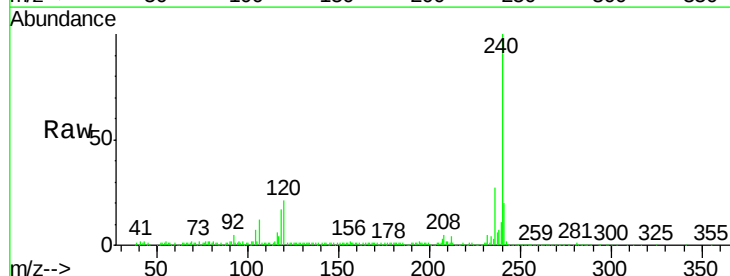
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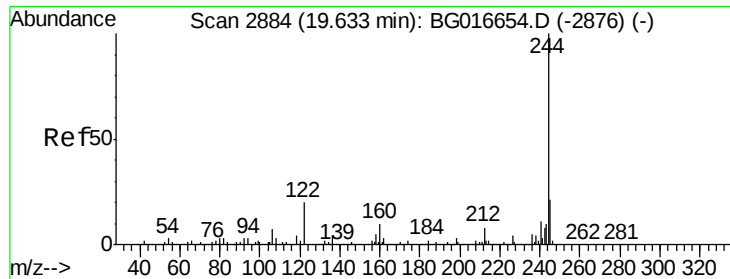
Tgt Ion:188 Resp: 340550
Ion Ratio Lower Upper
188 100
94 13.6 10.7 16.1
80 13.1 9.9 14.9



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.16 min Scan# 3144
Delta R.T. -0.02 min
Lab File: BG016786.D
Acq: 29 Apr 2015 6:11

Tgt Ion:240 Resp: 293475
Ion Ratio Lower Upper
240 100
120 20.9 16.3 24.5
236 26.9 21.1 31.7





#78

Terphenyl-d14

Concen: 48.32 ng

RT: 19.61 min Scan# 2880

Delta R.T. -0.02 min

Lab File: BG016786.D

Acq: 29 Apr 2015 6:11

Instrument :

BNA_G

ClientSampleId :

MW-04

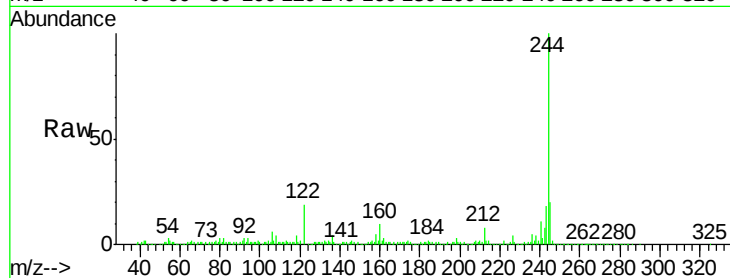
Tgt Ion:244 Resp: 615623

Ion Ratio Lower Upper

244 100

212 8.5 6.4 9.6

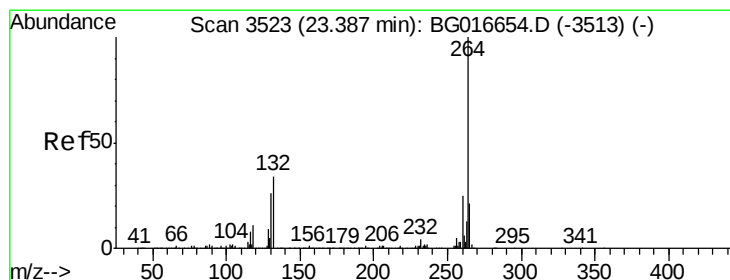
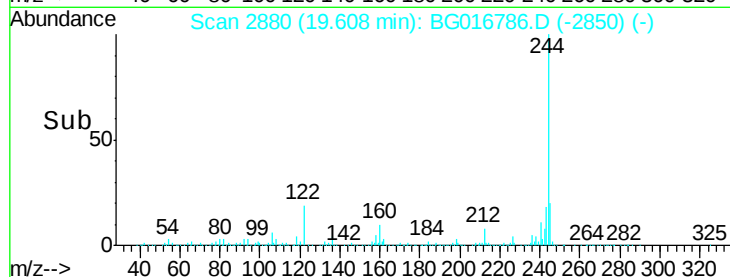
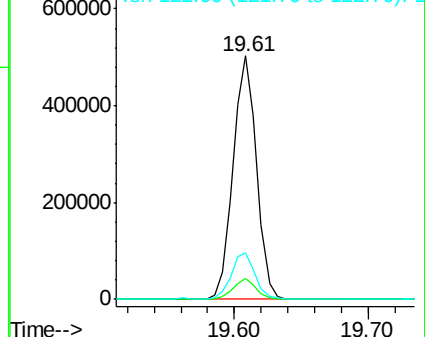
122 19.0 15.9 23.9



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: 23.36 min Scan# 3518

Delta R.T. -0.03 min

Lab File: BG016786.D

Acq: 29 Apr 2015 6:11

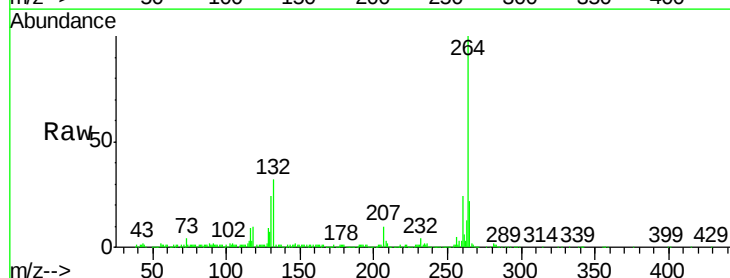
Tgt Ion:264 Resp: 277747

Ion Ratio Lower Upper

264 100

260 24.2 20.0 30.0

265 22.0 16.8 25.2



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

