

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
 Data File : BG016953.D
 Acq On : 8 May 2015 13:05
 Operator : TP/IZ
 Sample : G2057-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MWJ-3

Quant Time: May 09 00:04:18 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 08 23:46:35 2015
 Response via : Initial Calibration

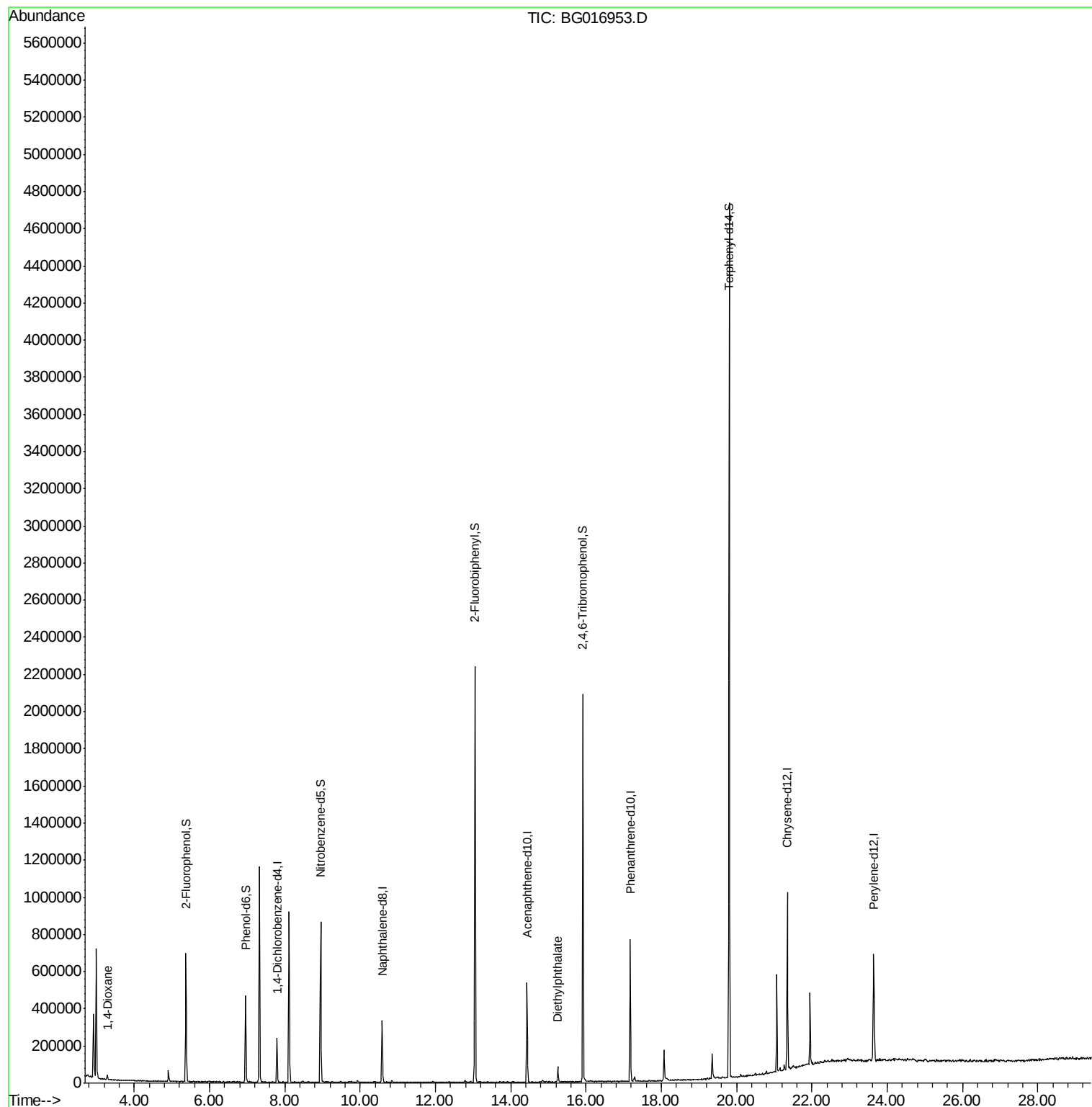
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	54662	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	242481	20.00	ng	0.00
38) Acenaphthene-d10	14.43	164	165251	20.00	ng	0.00
63) Phenanthrene-d10	17.18	188	400945	20.00	ng	0.00
75) Chrysene-d12	21.35	240	412088	20.00	ng	-0.01
86) Perylene-d12	23.65	264	394233	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	242481	77.24	ng	0.00
7) Phenol-d6	6.96	99	215172	47.98	ng	0.00
23) Nitrobenzene-d5	8.95	82	462478	93.18	ng	0.00
41) 2,4,6-Tribromophenol	15.92	330	292495	176.31	ng	0.00
44) 2-Fluorobiphenyl	13.05	172	1007546	92.01	ng	0.00
78) Terphenyl-d14	19.80	244	1675582	95.32	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.29	88	14310	10.88	ng	# 1
59) Diethylphthalate	15.26	149	40075	3.08	ng	# 95

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.79 min Scan# 869

Delta R.T. 0.00 min

Lab File: BG016953.D

Acq: 8 May 2015 13:05

Instrument :

BNA_G

ClientSampleId :

MWJ-3

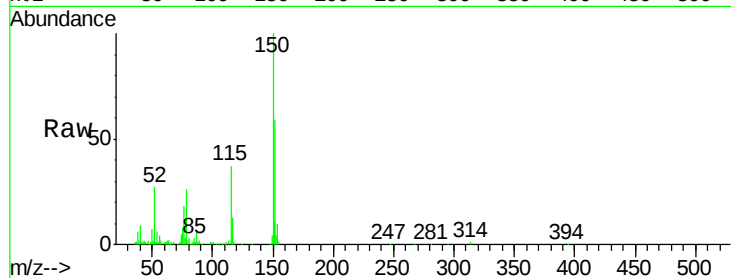
Tgt Ion:152 Resp: 54662

Ion Ratio Lower Upper

152 100

150 168.4 121.0 181.4

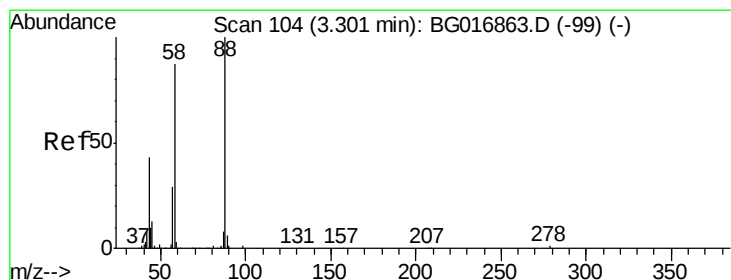
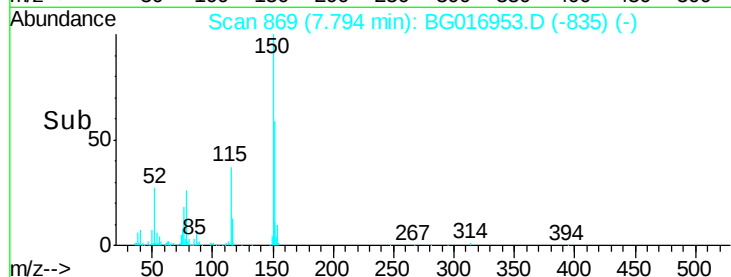
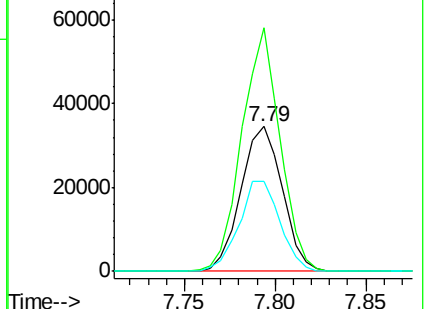
115 62.4 50.5 75.7



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



#2

1,4-Dioxane

Concen: 10.88 ng

RT: 3.29 min Scan# 102

Delta R.T. 0.00 min

Lab File: BG016953.D

Acq: 8 May 2015 13:05

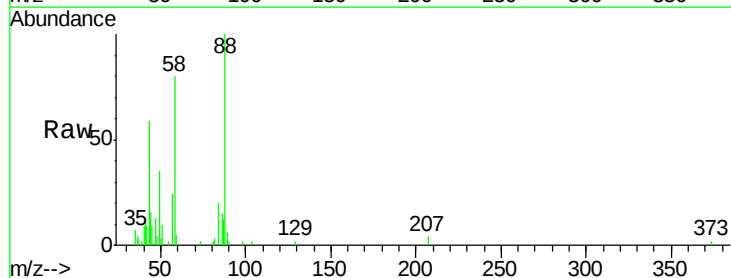
Tgt Ion: 88 Resp: 14310

Ion Ratio Lower Upper

88 100

58 68.5 0.1 0.1#

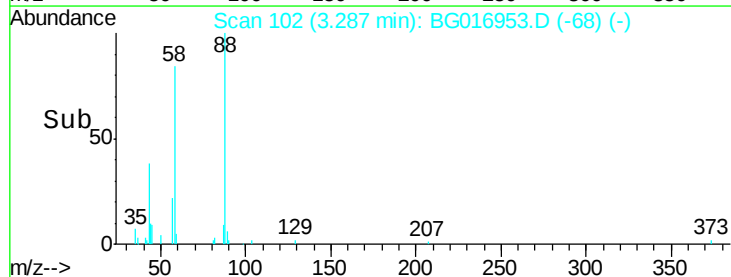
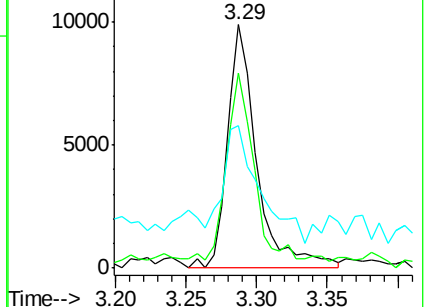
43 60.4 1.3 1.9#

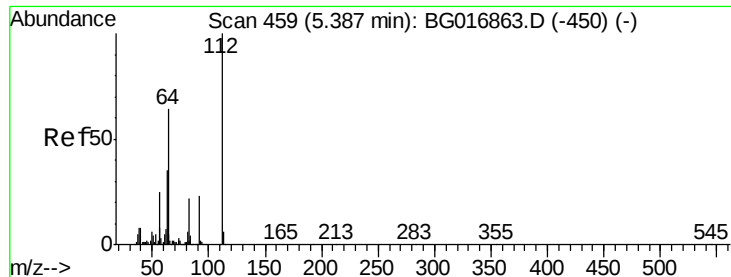


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 77.24 ng

RT: 5.37 min Scan# 457

Delta R.T. 0.00 min

Lab File: BG016953.D

Acq: 8 May 2015 13:05

Instrument :

BNA_G

ClientSampleId :

MWJ-3

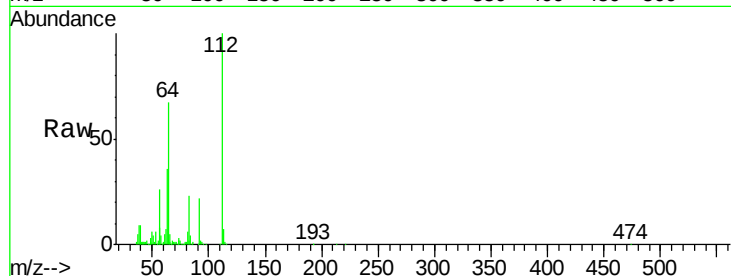
Tgt Ion: 112 Resp: 242481

Ion Ratio Lower Upper

112 100

64 66.5 51.4 77.2

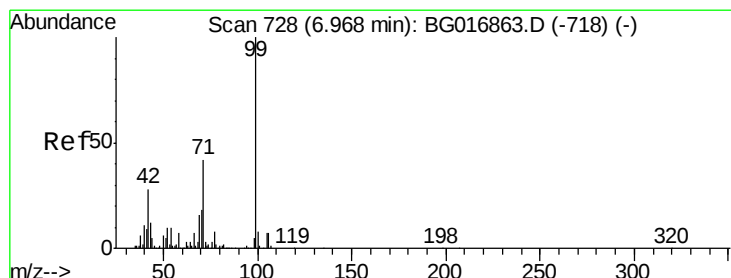
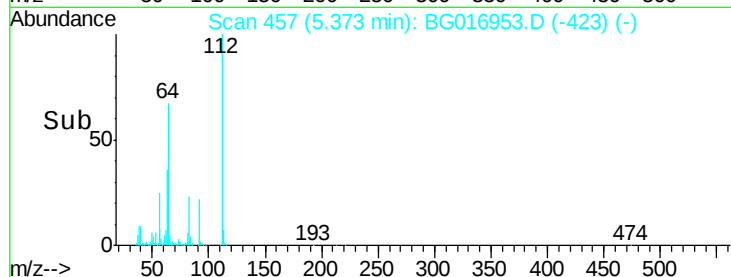
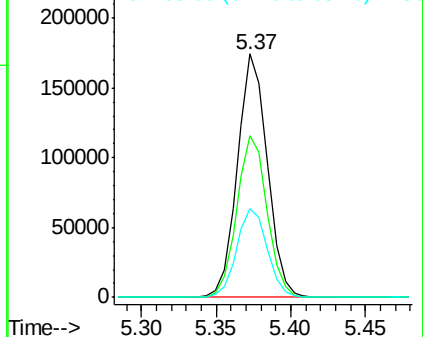
63 36.2 28.1 42.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 47.98 ng

RT: 6.96 min Scan# 727

Delta R.T. -0.01 min

Lab File: BG016953.D

Acq: 8 May 2015 13:05

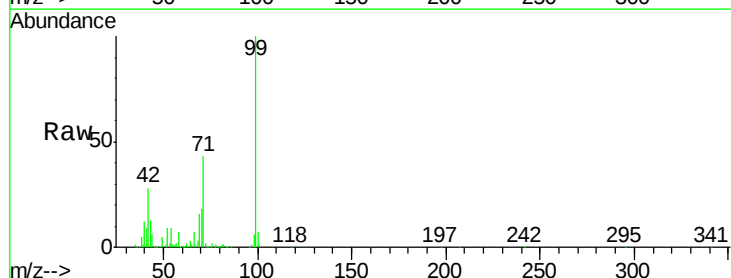
Tgt Ion: 99 Resp: 215172

Ion Ratio Lower Upper

99 100

42 28.4 22.1 33.1

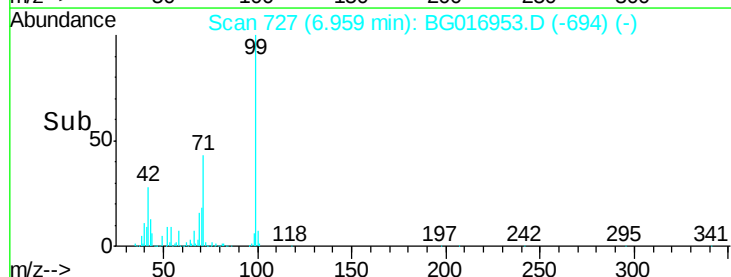
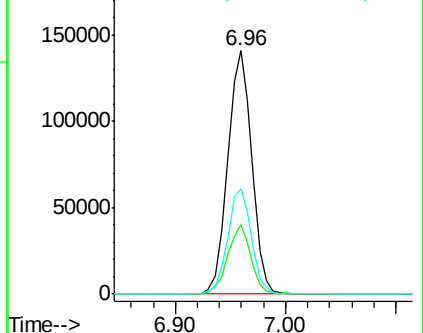
71 43.0 33.4 50.0

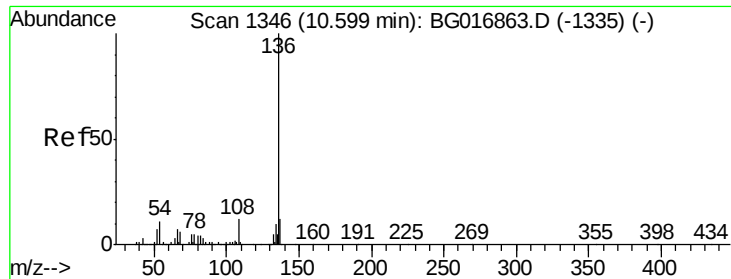


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC

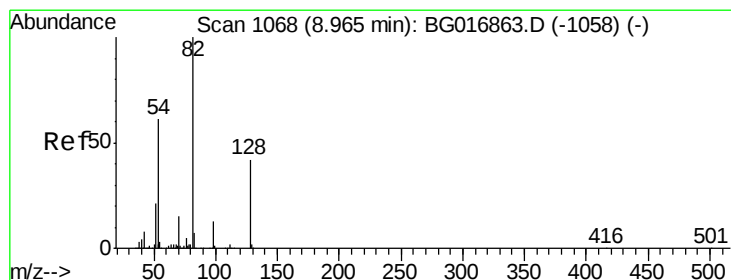
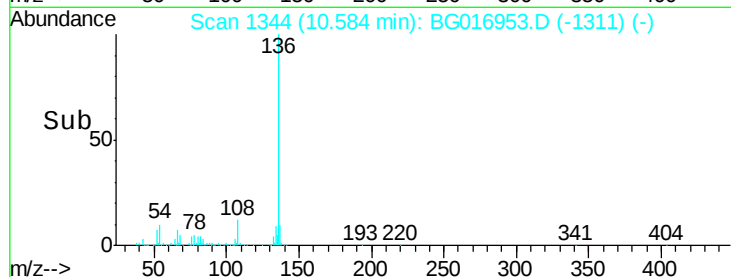
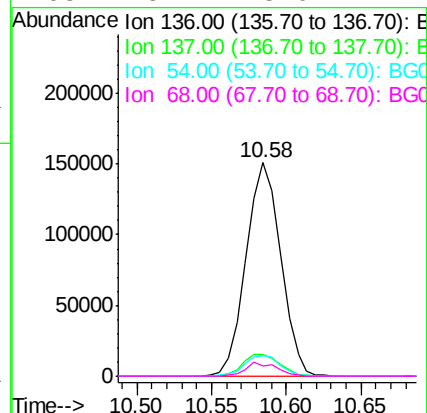
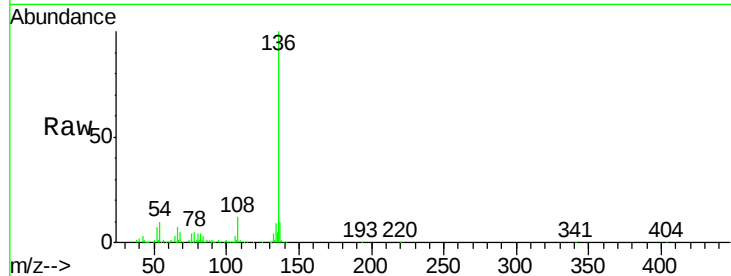




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.58 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BG016953.D
Acq: 8 May 2015 13:05

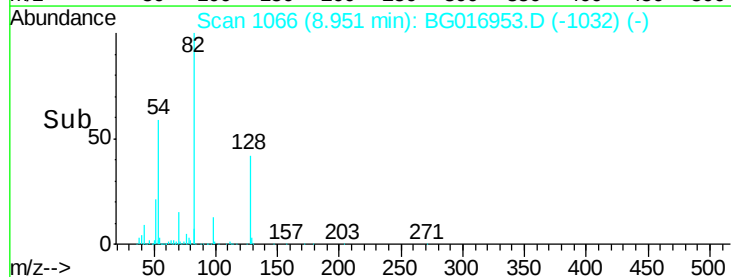
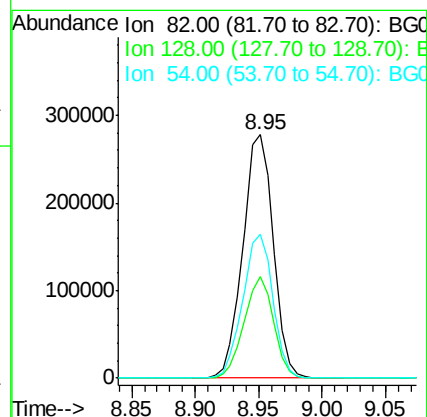
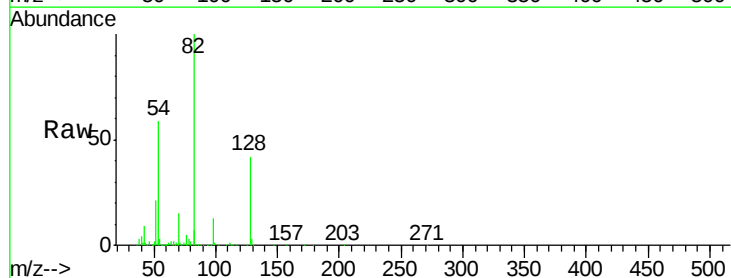
Instrument :
BNA_G
ClientSampleId :
MWJ-3

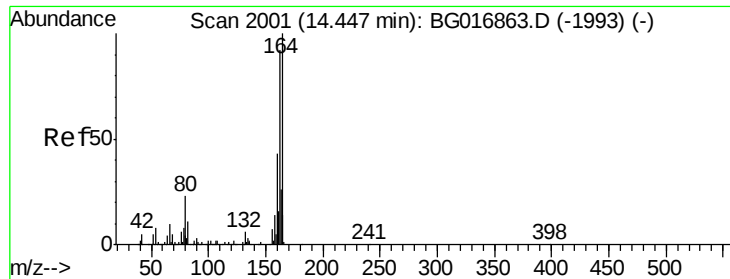
Tgt Ion:	136	Resp:	242481
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.8	14.8
54	9.6	8.7	13.1
68	5.1	5.0	7.4



#23
Nitrobenzene-d5
Concen: 93.18 ng
RT: 8.95 min Scan# 1066
Delta R.T. 0.00 min
Lab File: BG016953.D
Acq: 8 May 2015 13:05

Tgt Ion:	82	Resp:	462478
Ion	Ratio	Lower	Upper
82	100		
128	41.5	33.2	49.8
54	59.0	48.6	72.8





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.43 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BG016953.D

Acq: 8 May 2015 13:05

Instrument :

BNA_G

ClientSampleId :

MWJ-3

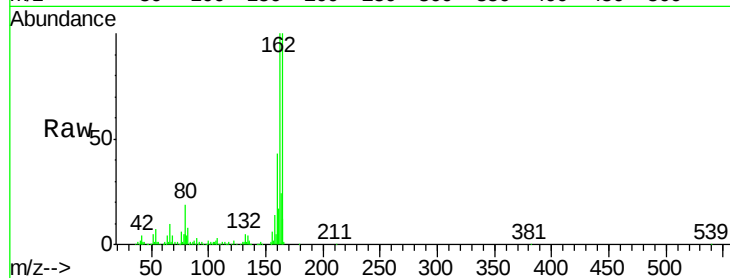
Tgt Ion:164 Resp: 165251

Ion Ratio Lower Upper

164 100

162 100.5 74.0 111.0

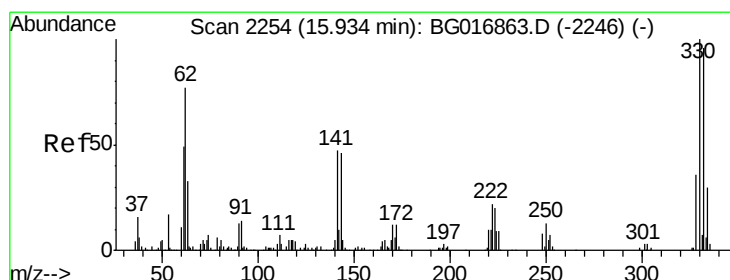
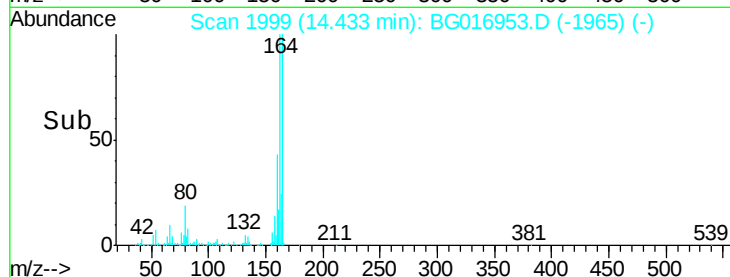
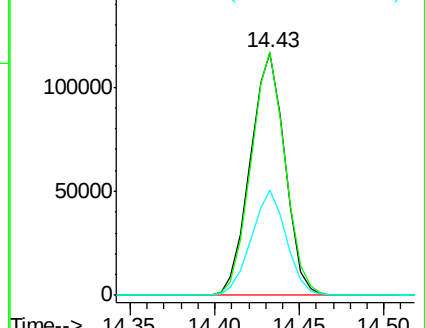
160 43.4 34.7 52.1



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



#41

2,4,6-Tribromophenol

Concen: 176.31 ng

RT: 15.92 min Scan# 2252

Delta R.T. -0.01 min

Lab File: BG016953.D

Acq: 8 May 2015 13:05

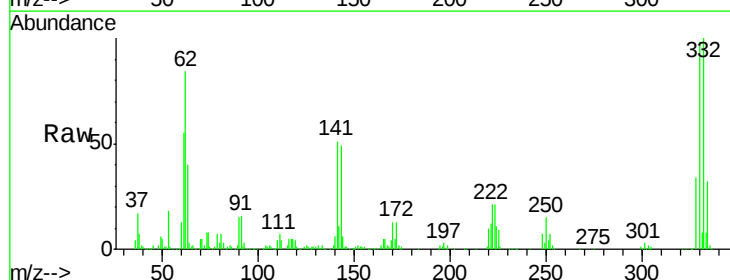
Tgt Ion:330 Resp: 292495

Ion Ratio Lower Upper

330 100

332 98.4 0.0 0.0#

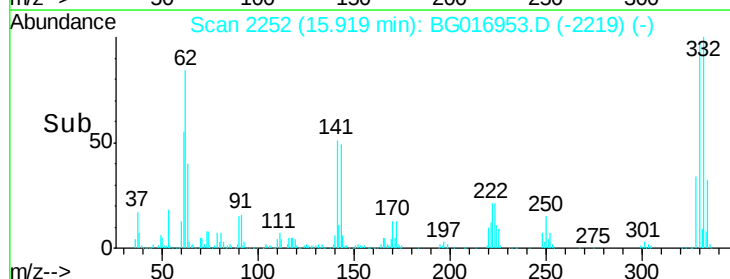
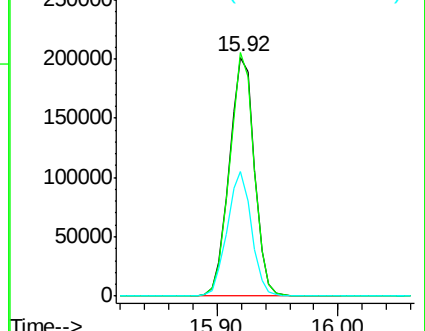
141 50.6 0.0 0.0#

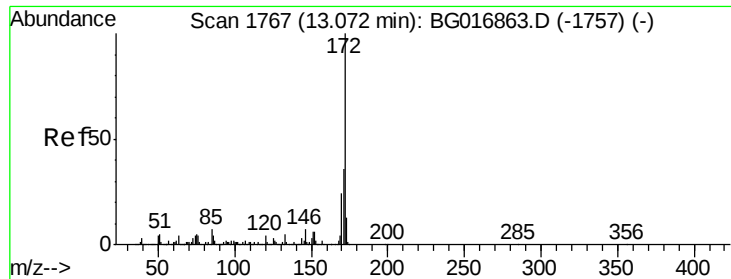


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

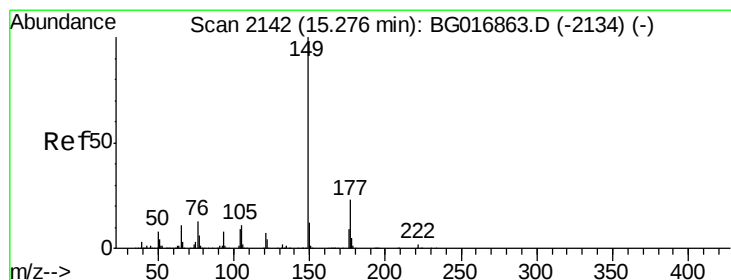
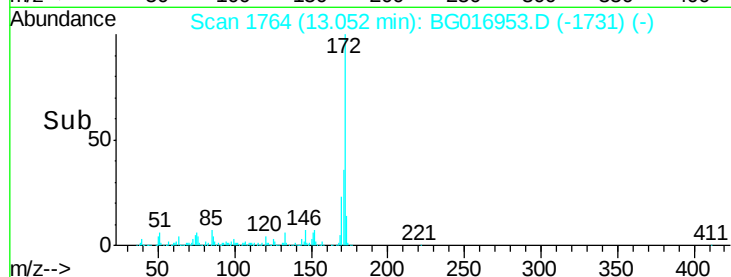
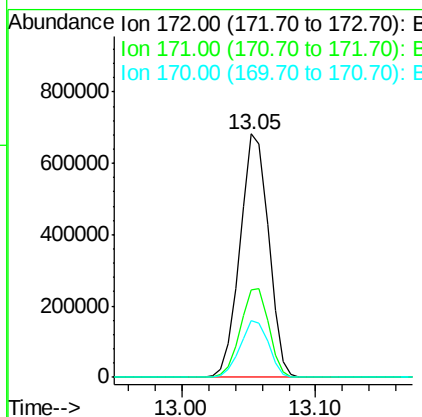
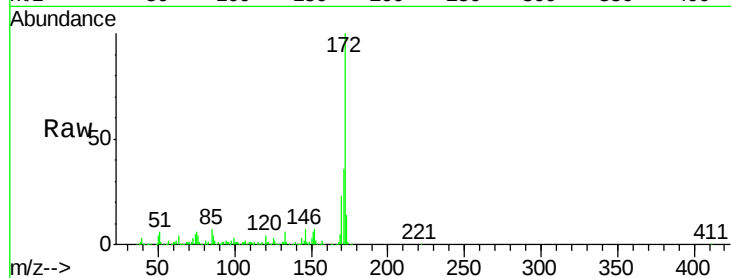




#44
 2-Fluorobiphenyl
 Concen: 92.01 ng
 RT: 13.05 min Scan# 1764
 Delta R.T. -0.01 min
 Lab File: BG016953.D
 Acq: 8 May 2015 13:05

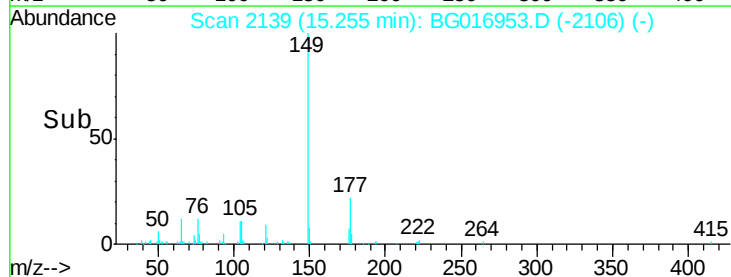
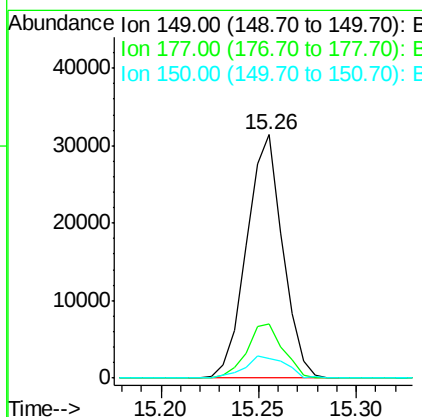
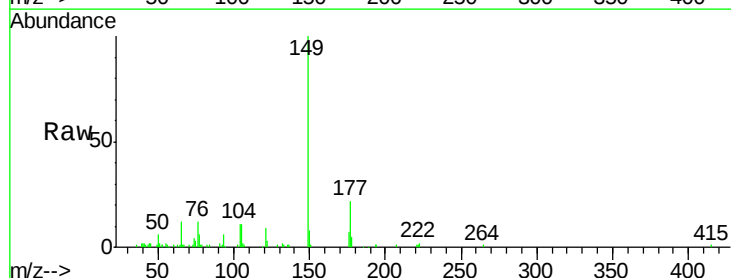
Instrument :
 BNA_G
 ClientSampleId :
 MWJ-3

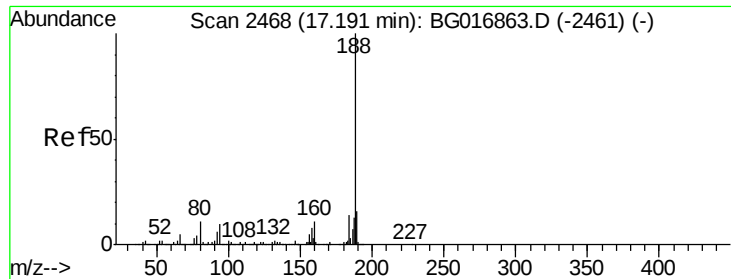
Tgt Ion:172 Resp: 1007546
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.0 43.4
 170 23.5 19.0 28.4



#59
 Diethylphthalate
 Concen: 3.08 ng
 RT: 15.26 min Scan# 2139
 Delta R.T. -0.01 min
 Lab File: BG016953.D
 Acq: 8 May 2015 13:05

Tgt Ion:149 Resp: 40075
 Ion Ratio Lower Upper
 149 100
 177 22.4 18.6 27.8
 150 8.3 9.8 14.8#

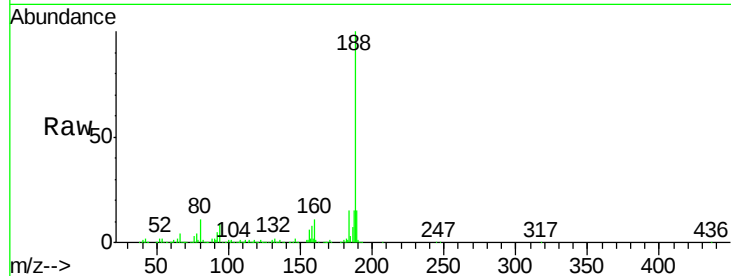




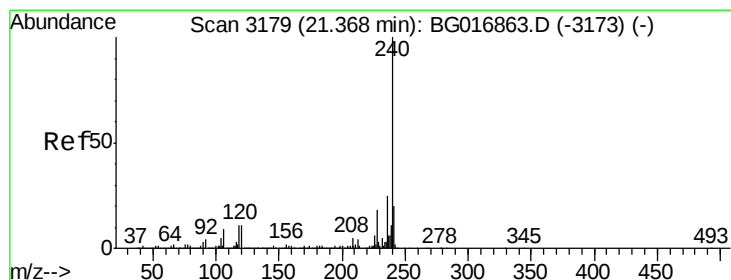
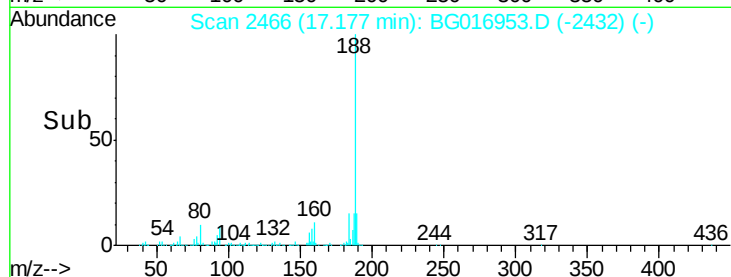
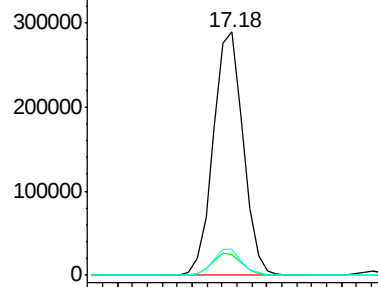
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.18 min Scan# 2466
Delta R.T. 0.00 min
Lab File: BG016953.D
Acq: 8 May 2015 13:05

Instrument :
BNA_G
ClientSampleId :
MWJ-3

Tgt Ion:188 Resp: 400945
Ion Ratio Lower Upper
188 100
94 8.6 8.2 12.4
80 10.5 8.8 13.2

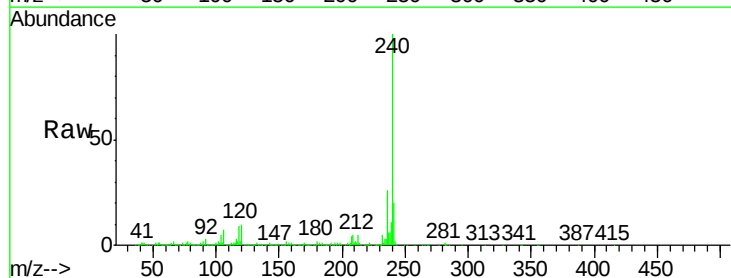


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

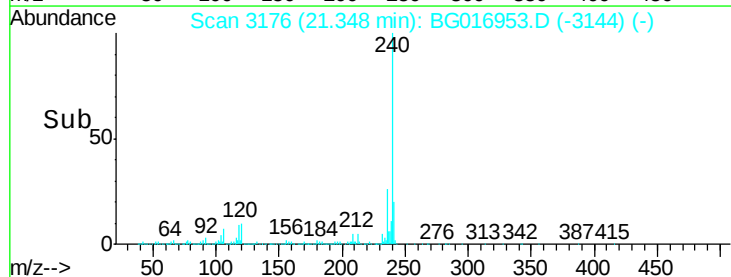
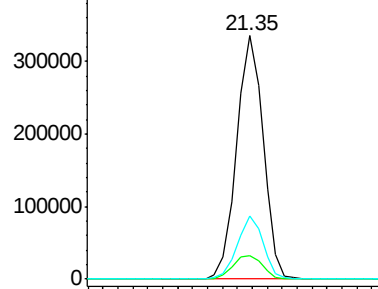


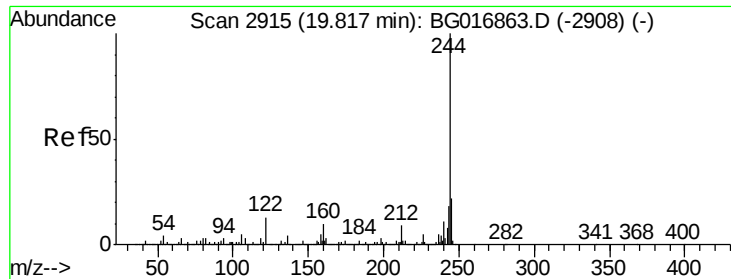
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.35 min Scan# 3176
Delta R.T. -0.01 min
Lab File: BG016953.D
Acq: 8 May 2015 13:05

Tgt Ion:240 Resp: 412088
Ion Ratio Lower Upper
240 100
120 9.6 9.1 13.7
236 25.8 20.2 30.4



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: 95.32 ng

RT: 19.80 min Scan# 2913

Delta R.T. -0.01 min

Lab File: BG016953.D

Acq: 8 May 2015 13:05

Instrument :

BNA_G

ClientSampleId :

MWJ-3

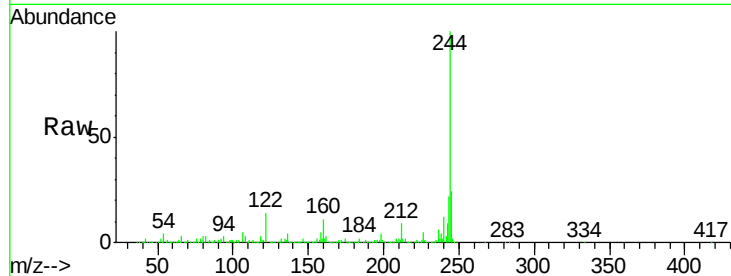
Tgt Ion:244 Resp: 1675582

Ion Ratio Lower Upper

244 100

212 9.4 7.0 10.6

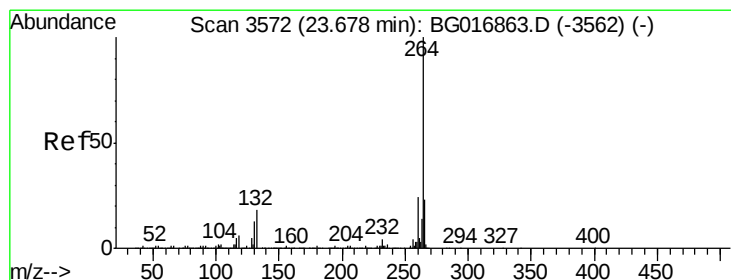
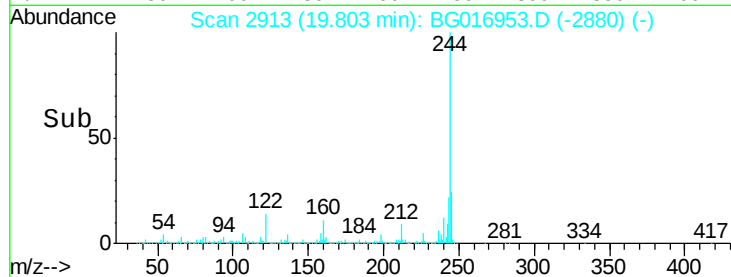
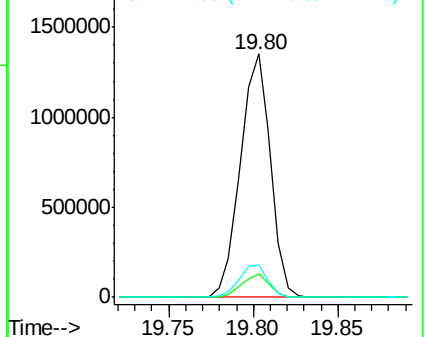
122 13.6 10.4 15.6



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: 23.65 min Scan# 3567

Delta R.T. -0.01 min

Lab File: BG016953.D

Acq: 8 May 2015 13:05

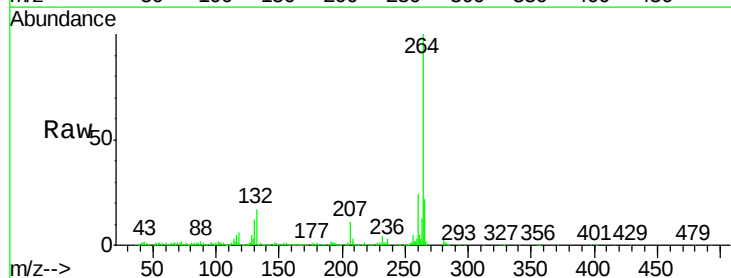
Tgt Ion:264 Resp: 394233

Ion Ratio Lower Upper

264 100

260 24.0 19.5 29.3

265 22.2 18.5 27.7



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

