

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061517\
 Data File : BG027463.D
 Acq On : 16 Jun 2017 4:57
 Operator : SJ/MA
 Sample : I3689-14
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 16 07:13:22 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG061417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 14 19:09:08 2017
 Response via : Initial Calibration

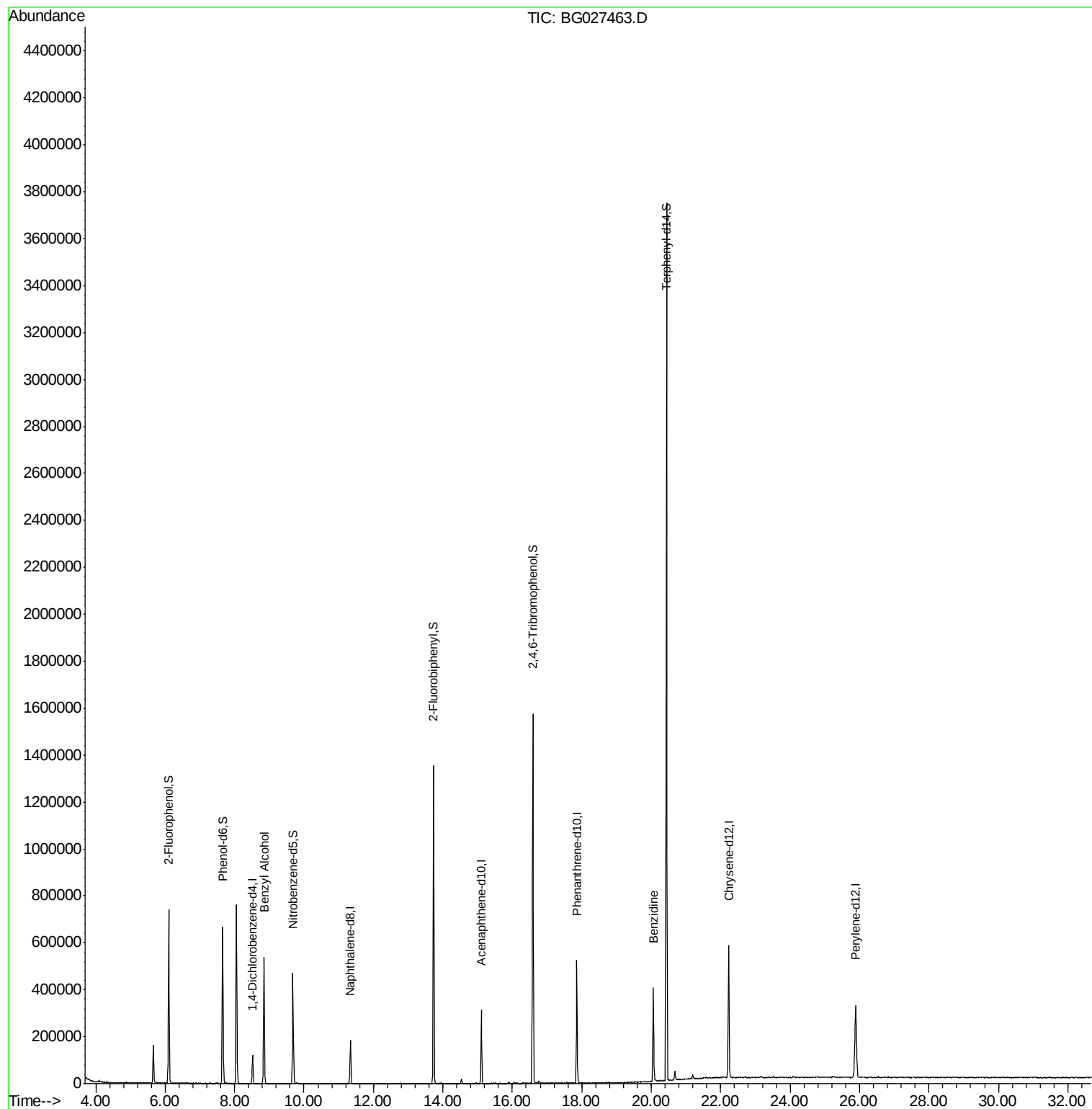
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.52	152	33753	20.00	ng	0.00
21) Naphthalene-d8	11.34	136	154029	20.00	ng	0.00
38) Acenaphthene-d10	15.10	164	101952	20.00	ng	0.00
63) Phenanthrene-d10	17.85	188	324063	20.00	ng	0.00
75) Chrysene-d12	22.23	240	377422	20.00	ng	0.00
86) Perylene-d12	25.89	264	359191	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.10	112	326108	136.54	ng	0.00
7) Phenol-d6	7.65	99	415226	113.13	ng	0.00
23) Nitrobenzene-d5	9.68	82	309926	102.59	ng	-0.01
41) 2,4,6-Tribromophenol	16.59	330	303615	198.42	ng	0.00
44) 2-Fluorobiphenyl	13.73	172	702863	99.59	ng	0.00
78) Terphenyl-d14	20.44	244	1674548	113.72	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.85	79	5380	2.02	ng	Qvalue # 56
76) Benzidine	20.06	184	255363	30.86	ng	97

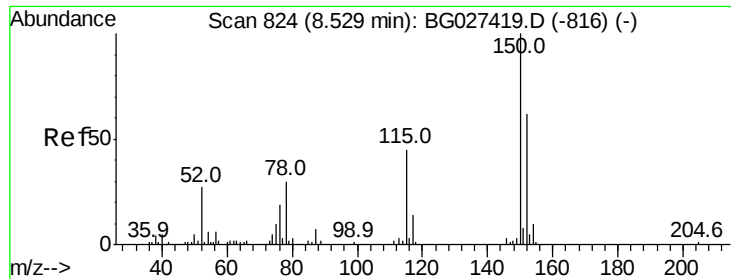
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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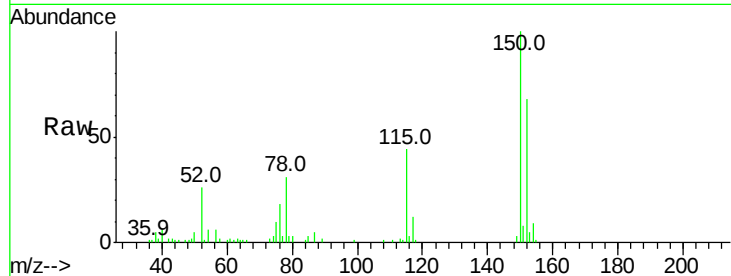


#1

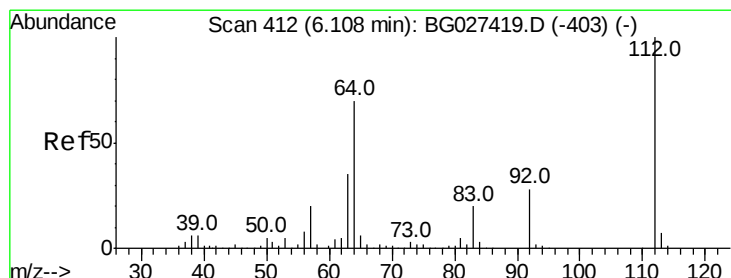
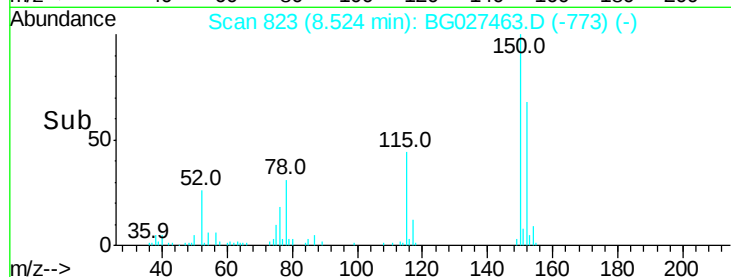
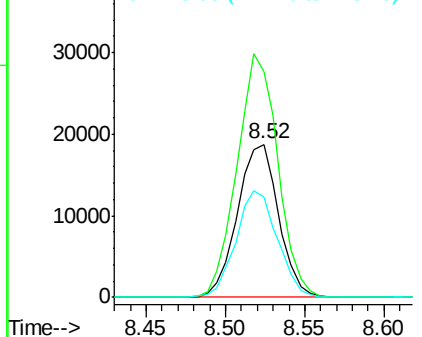
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.52 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG027463.D
Acq: 16 Jun 2017 4:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 33753
Ion Ratio Lower Upper
152 100
150 147.6 114.0 171.0
115 65.3 48.1 72.1



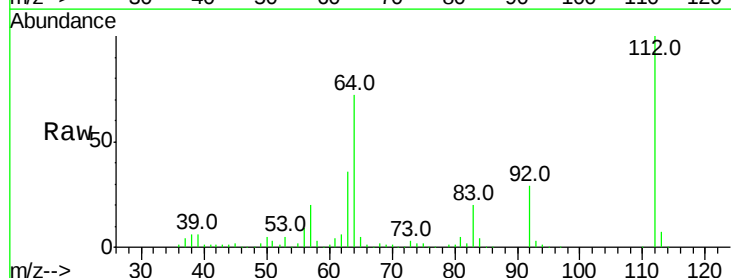
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



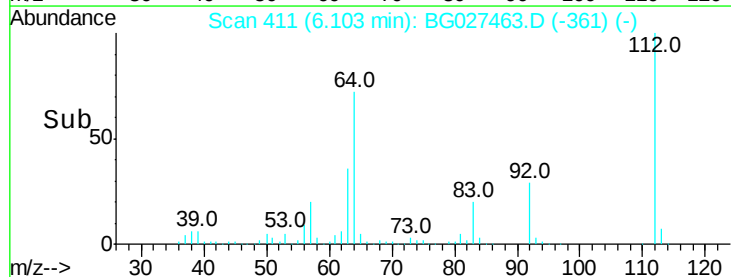
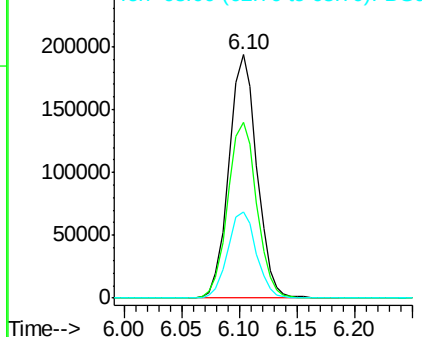
#5

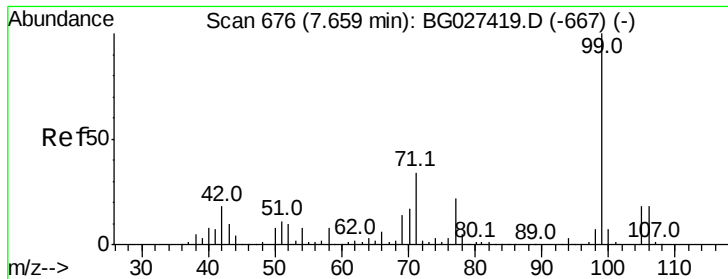
2-Fluorophenol
Concen: 136.54 ng
RT: 6.10 min Scan# 411
Delta R.T. -0.00 min
Lab File: BG027463.D
Acq: 16 Jun 2017 4:57

Tgt Ion:112 Resp: 326108
Ion Ratio Lower Upper
112 100
64 72.1 61.8 92.6
63 35.6 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: 113.13 ng

RT: 7.65 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG027463.D

Acq: 16 Jun 2017 4:57

Instrument :

BNA_G

ClientSampleId :

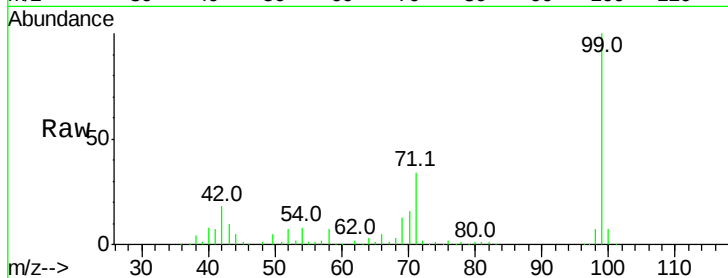
Tot Ion: 99 Resp: 415226

Ion Ratio Lower Upper

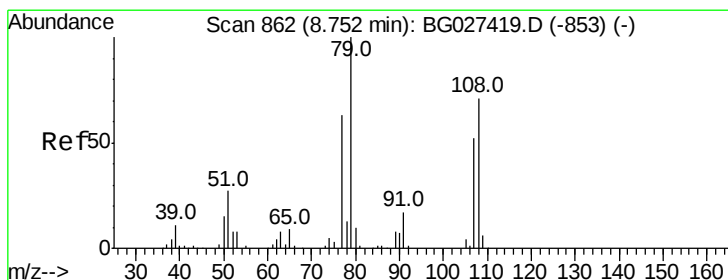
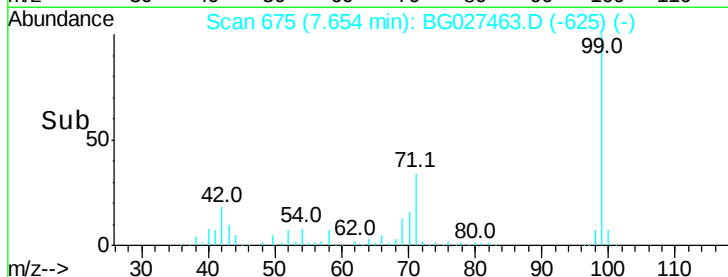
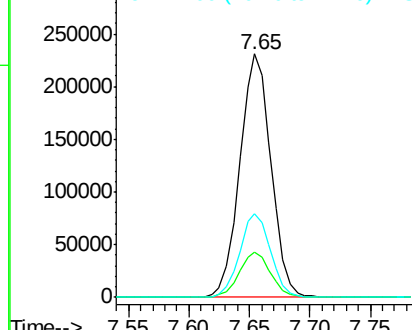
99 100

42 18.3 20.5 30.7#

71 34.2 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: 2.02 ng

RT: 8.85 min Scan# 878

Delta R.T. 0.10 min

Lab File: BG027463.D

Acq: 16 Jun 2017 4:57

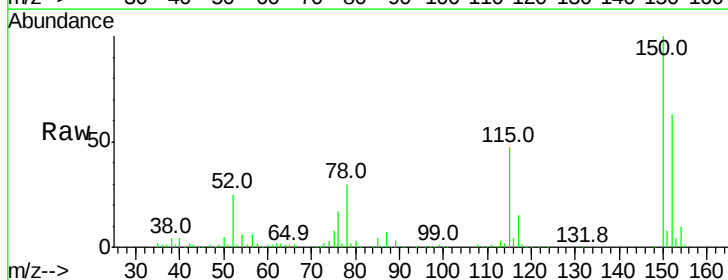
Tgt Ion: 79 Resp: 5380

Ion Ratio Lower Upper

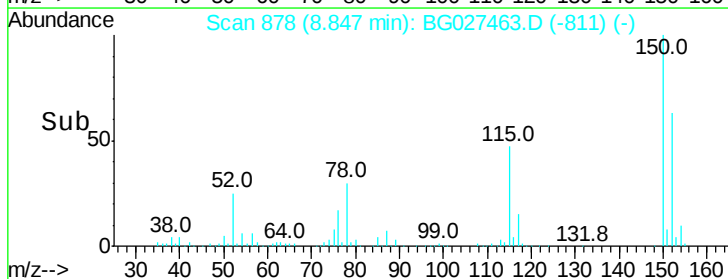
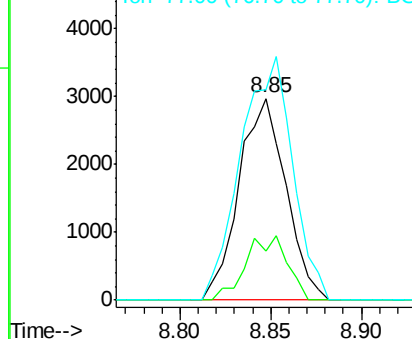
79 100

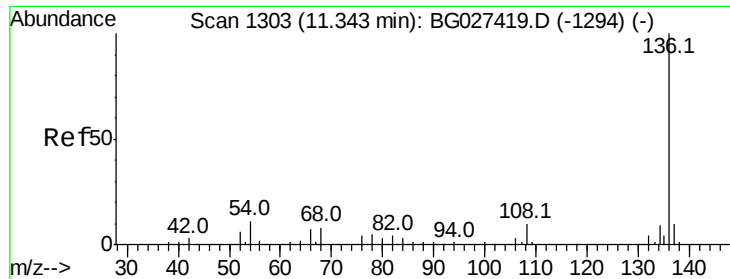
108 24.5 45.5 68.3#

77 104.0 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

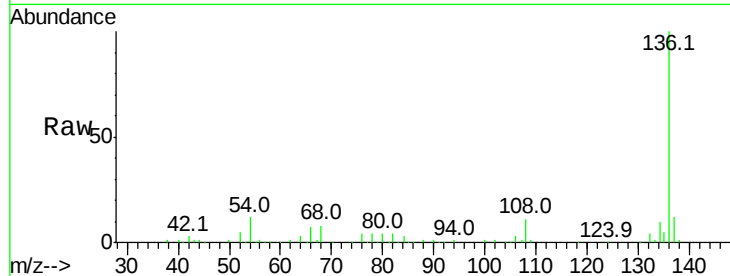




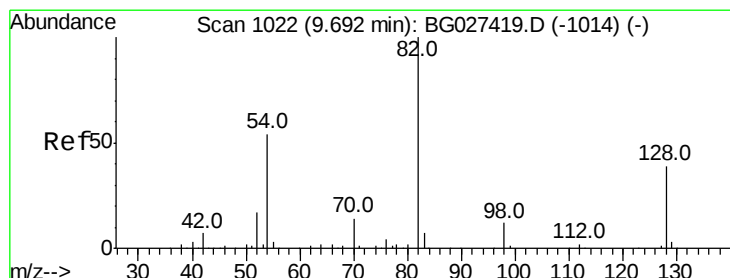
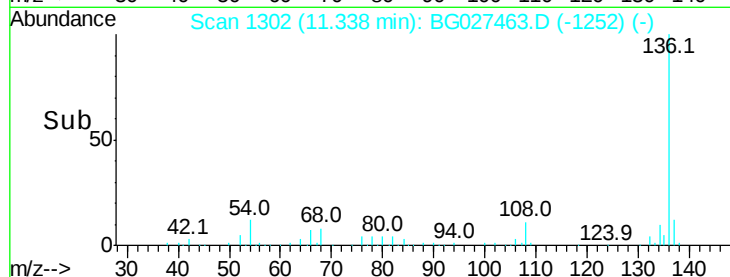
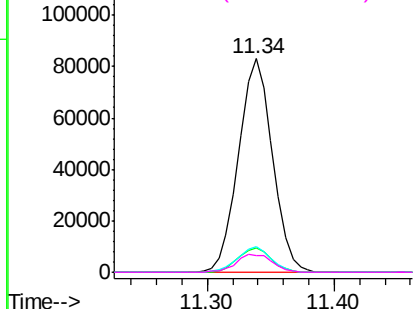
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.34 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BG027463.D
Acq: 16 Jun 2017 4:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	154029
Ion	Ratio	Lower Upper
136	100	
137	11.7	8.9 13.3
54	11.9	9.3 13.9
68	7.5	5.1 7.7

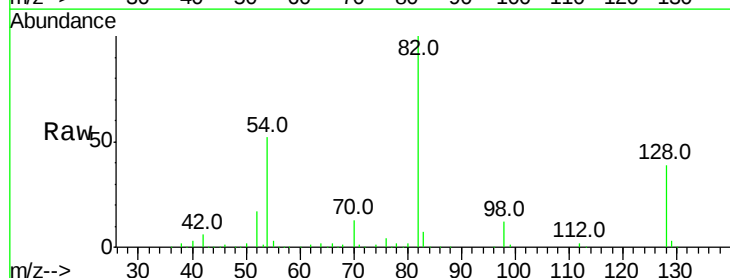


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

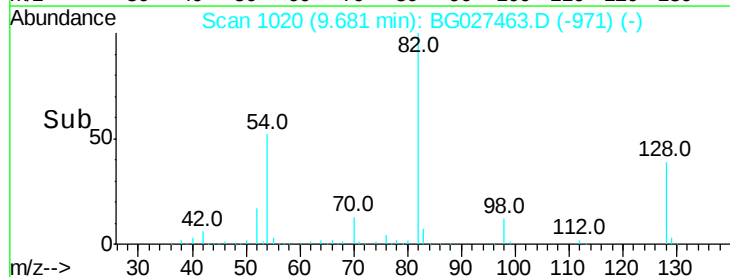
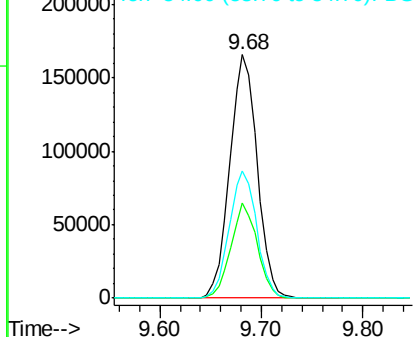


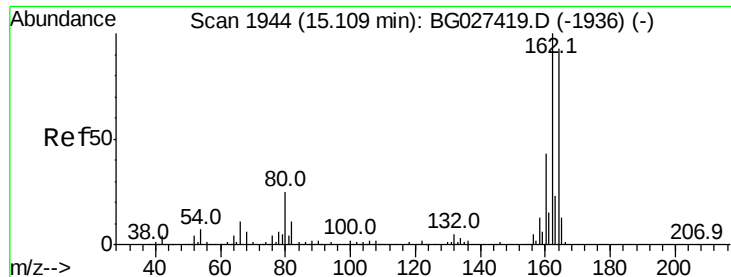
#23
Nitrobenzene-d5
Concen: 102.59 ng
RT: 9.68 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG027463.D
Acq: 16 Jun 2017 4:57

Tgt Ion: 82	Resp:	309926
Ion	Ratio	Lower Upper
82	100	
128	39.0	26.4 39.6
54	52.4	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: 15.10 min Scan# 1943

Delta R.T. -0.00 min

Lab File: BG027463.D

Acq: 16 Jun 2017 4:57

Instrument :

BNA_G

ClientSampleId :

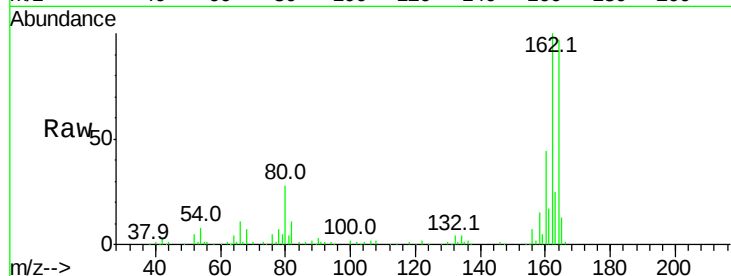
Tot Ion:164 Resp: 101952

Ion Ratio Lower Upper

164 100

162 103.1 85.1 127.7

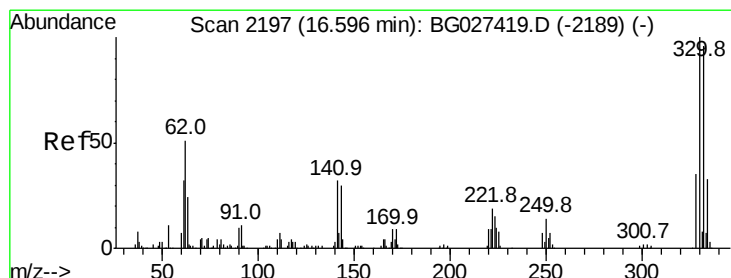
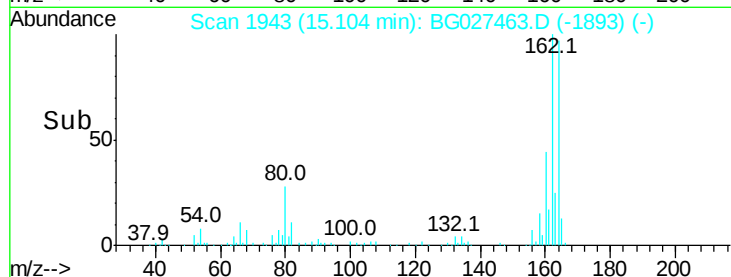
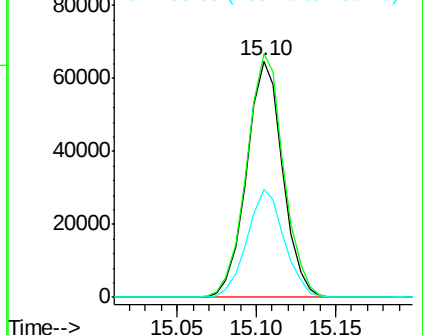
160 45.6 34.7 52.1



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: 198.42 ng

RT: 16.59 min Scan# 2196

Delta R.T. -0.00 min

Lab File: BG027463.D

Acq: 16 Jun 2017 4:57

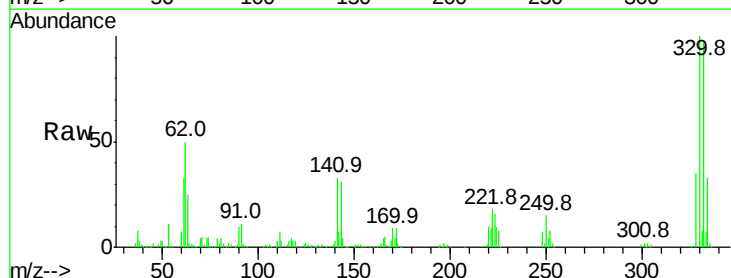
Tgt Ion:330 Resp: 303615

Ion Ratio Lower Upper

330 100

332 95.7 77.3 115.9

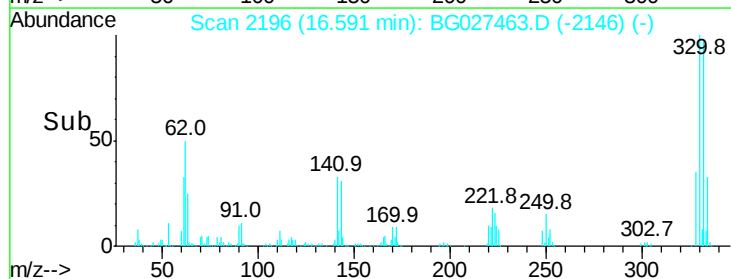
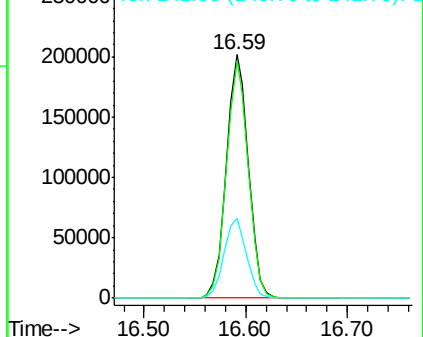
141 33.4 32.1 48.1

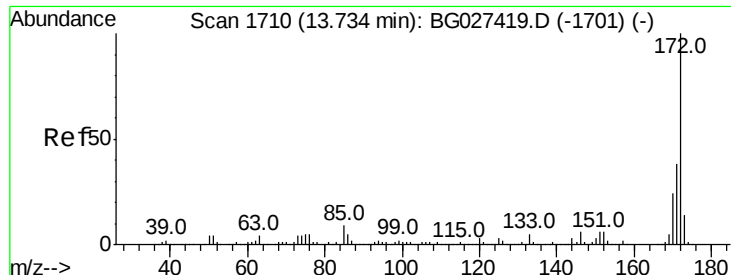


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

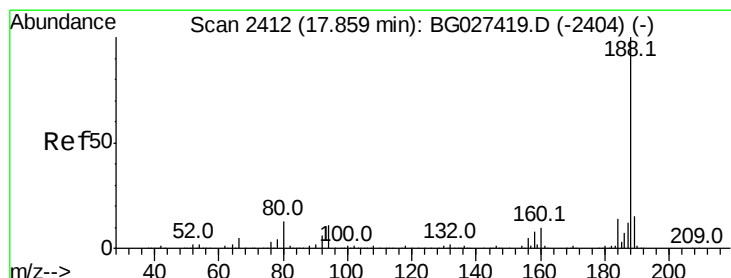
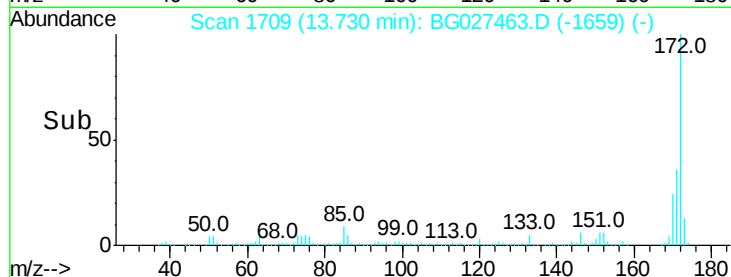
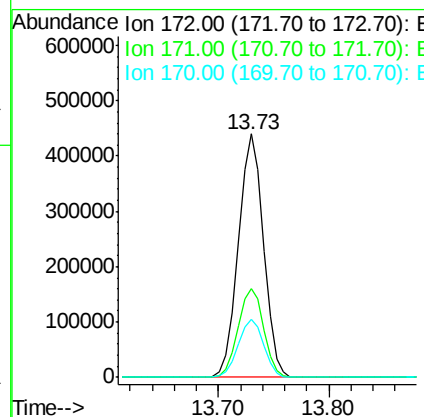
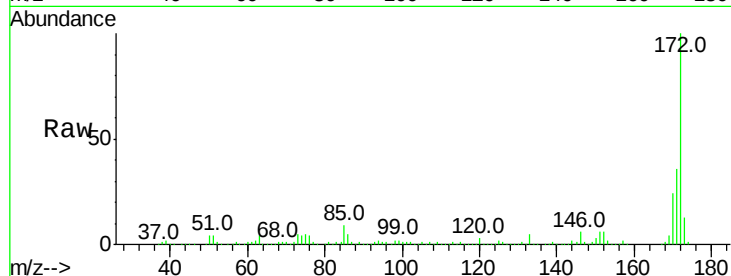




#44
 2-Fluorobiphenyl
 Concen: 99.59 ng
 RT: 13.73 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG027463.D
 Acq: 16 Jun 2017 4:57

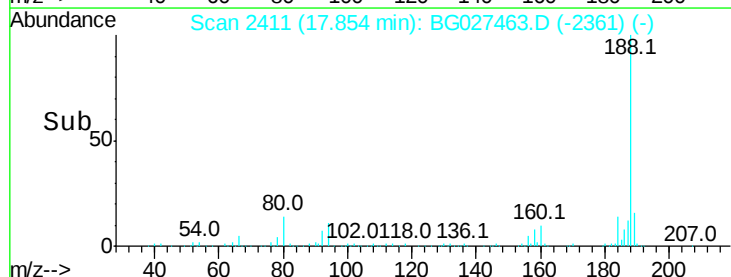
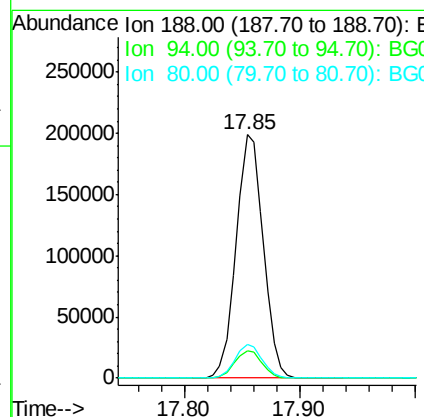
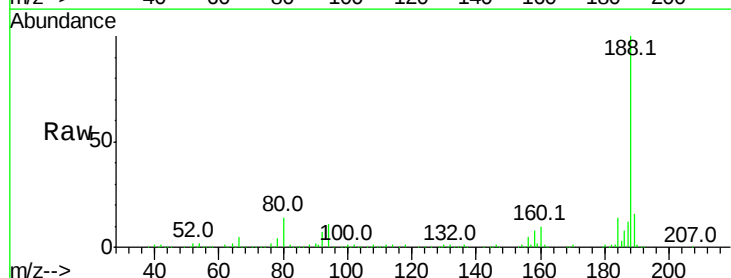
Instrument :
 BNA_G
 ClientSampleId :

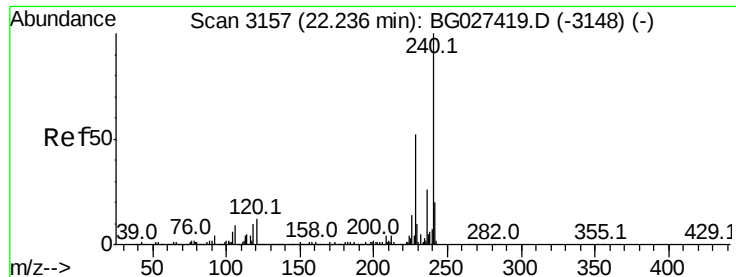
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	32.2	48.2
170	23.9	21.8	32.6



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.85 min Scan# 2411
 Delta R.T. -0.00 min
 Lab File: BG027463.D
 Acq: 16 Jun 2017 4:57

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.2	5.8	8.8#
80	13.6	7.5	11.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.23 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG027463.D

Acq: 16 Jun 2017 4:57

Instrument :

BNA_G

ClientSampleId :

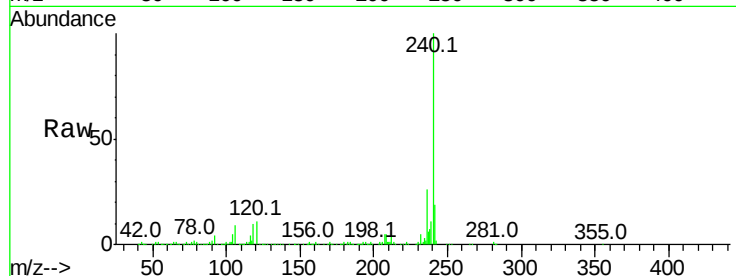
Tot Ion:240 Resp: 377422

Ion Ratio Lower Upper

240 100

120 10.6 5.7 8.5#

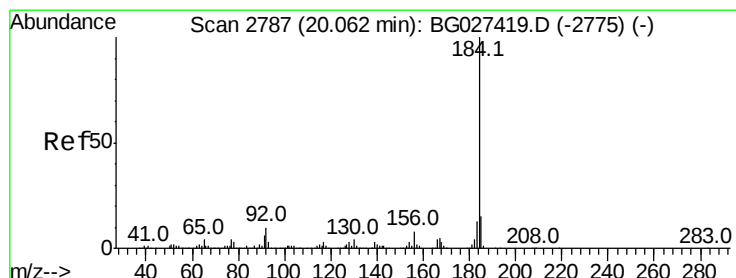
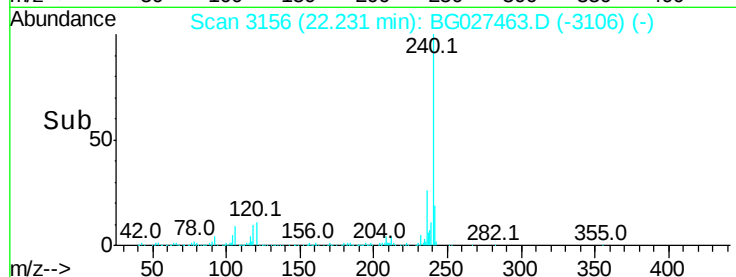
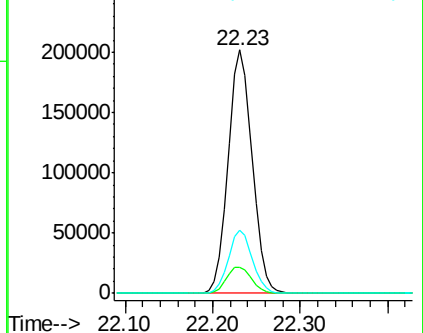
236 26.2 22.2 33.4



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



#76

Benzidine

Concen: 30.86 ng

RT: 20.06 min Scan# 2787

Delta R.T. 0.00 min

Lab File: BG027463.D

Acq: 16 Jun 2017 4:57

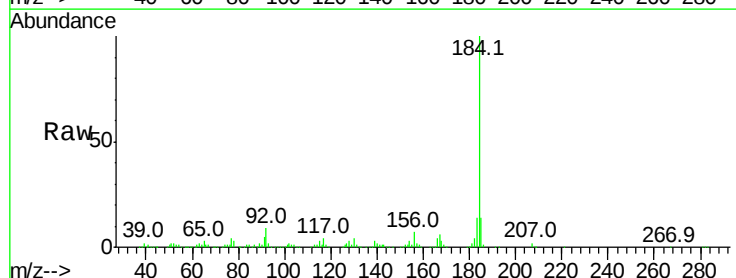
Tgt Ion:184 Resp: 255363

Ion Ratio Lower Upper

184 100

185 14.4 13.0 19.6

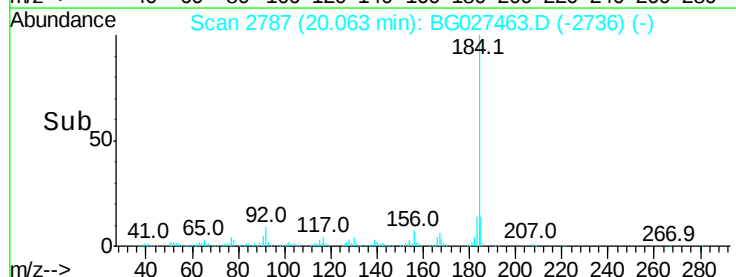
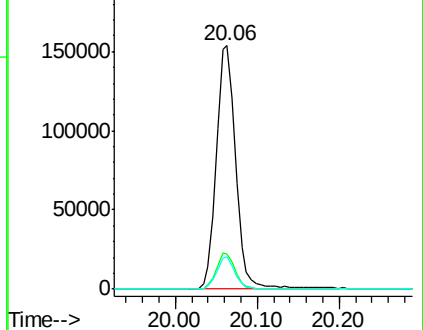
183 13.6 11.0 16.6

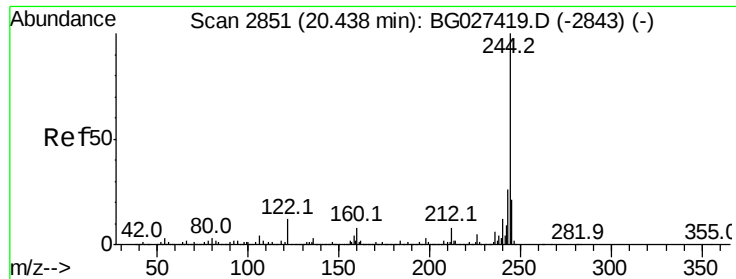


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 113.72 ng

RT: 20.44 min Scan# 2851

Delta R.T. 0.00 min

Lab File: BG027463.D

Acq: 16 Jun 2017 4:57

Instrument :

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ClientSampleId :

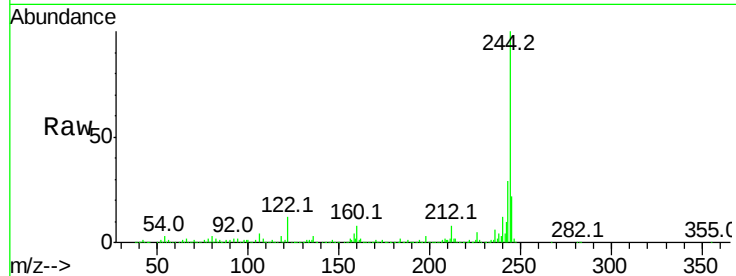
Tot Ion:244 Resp: 1674548

Ion	Ratio	Lower	Upper
244	100		
212	8.1	10.0	15.0#
122	11.9	8.6	12.8

244 100

212 8.1 10.0 15.0#

122 11.9 8.6 12.8

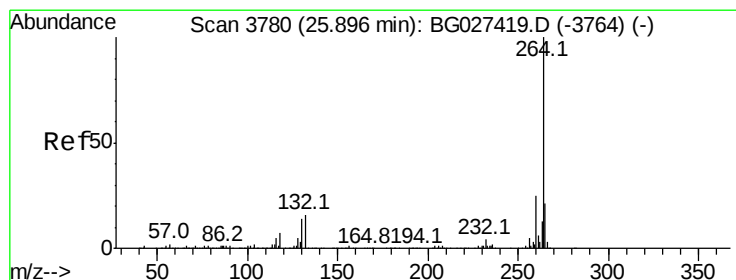
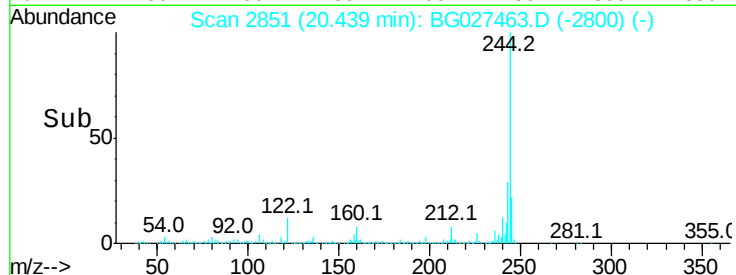
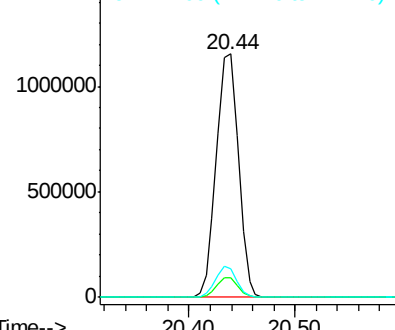


Abundance

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: 25.89 min Scan# 3778

Delta R.T. -0.01 min

Lab File: BG027463.D

Acq: 16 Jun 2017 4:57

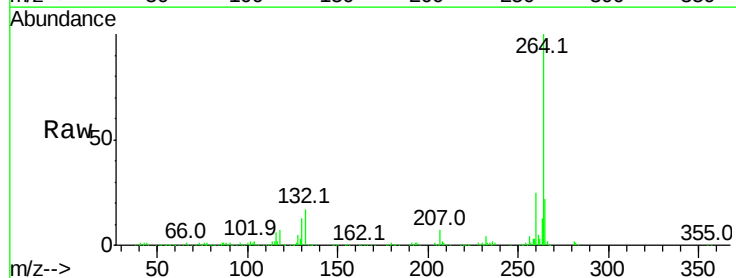
Tgt Ion:264 Resp: 359191

Ion	Ratio	Lower	Upper
264	100		
260	24.9	21.8	32.8
265	21.5	18.2	27.4

264 100

260 24.9 21.8 32.8

265 21.5 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

