

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061317\
 Data File : BG027409.D
 Acq On : 14 Jun 2017 6:56
 Operator : SJ/MA
 Sample : I3640-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 14 07:58:47 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:00:35 2017
 Response via : Initial Calibration

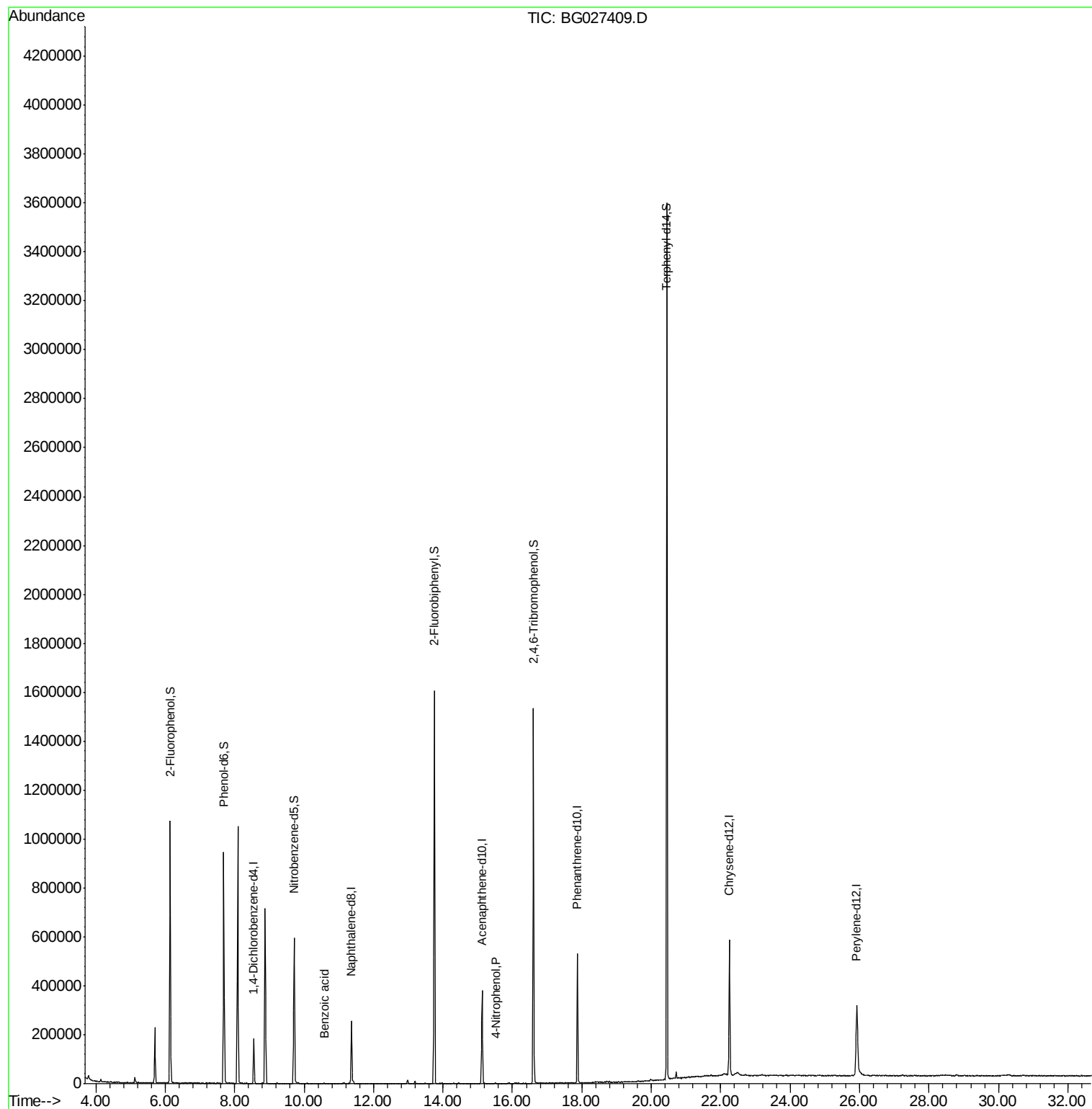
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.55	152	51181	20.00	ng	-0.03
21) Naphthalene-d8	11.37	136	223872	20.00	ng	-0.03
38) Acenaphthene-d10	15.13	164	130365	20.00	ng	-0.03
63) Phenanthrene-d10	17.87	188	334056	20.00	ng	-0.04
75) Chrysene-d12	22.25	240	381297	20.00	ng	-0.06
86) Perylene-d12	25.92	264	350328	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	479231	142.88	ng	-0.02
7) Phenol-d6	7.69	99	600566	121.98	ng	-0.02
23) Nitrobenzene-d5	9.72	82	404708	113.69	ng	-0.03
41) 2,4,6-Tribromophenol	16.61	330	291758	169.95	ng	-0.04
44) 2-Fluorobiphenyl	13.75	172	853601	91.60	ng	-0.04
78) Terphenyl-d14	20.45	244	1594146	106.65	ng	-0.04
Target Compounds						
32) Benzoic acid	10.59	122	57	8.04	ng	# 1
55) 4-Nitrophenol	15.51	139	81	6.16	ng	# 1

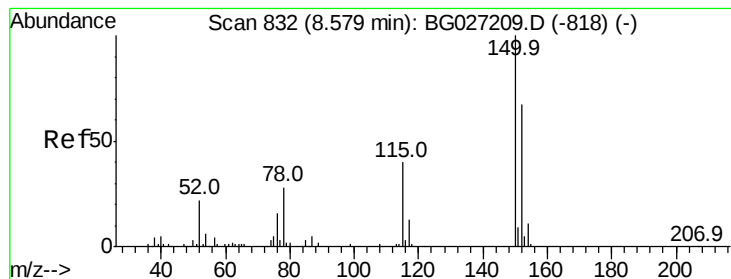
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.55 min Scan# 828

Delta R.T. -0.03 min

Lab File: BG027409.D

Acq: 14 Jun 2017 6:56

Instrument :

BNA_G

ClientSampleId :

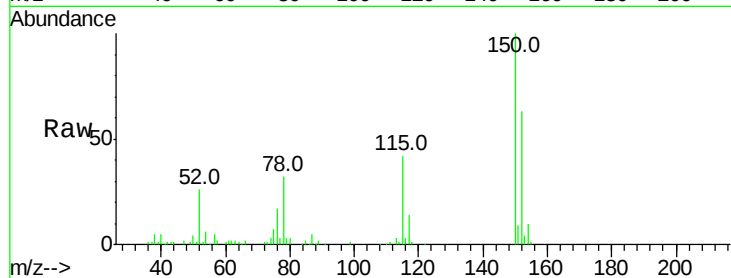
Tot Ion:152 Resp: 51181

Ion Ratio Lower Upper

152 100

150 157.8 114.0 171.0

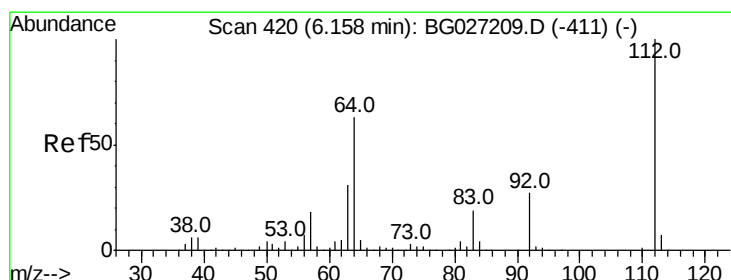
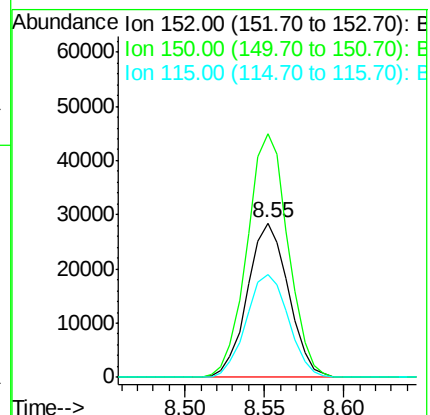
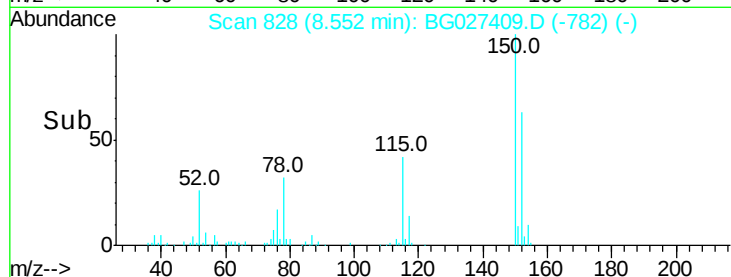
115 67.0 48.1 72.1



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: 142.88 ng

RT: 6.14 min Scan# 418

Delta R.T. -0.02 min

Lab File: BG027409.D

Acq: 14 Jun 2017 6:56

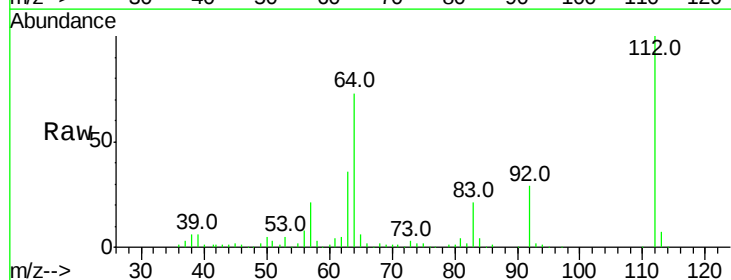
Tgt Ion:112 Resp: 479231

Ion Ratio Lower Upper

112 100

64 72.9 61.8 92.6

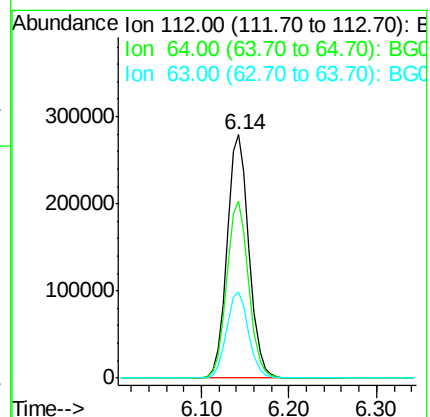
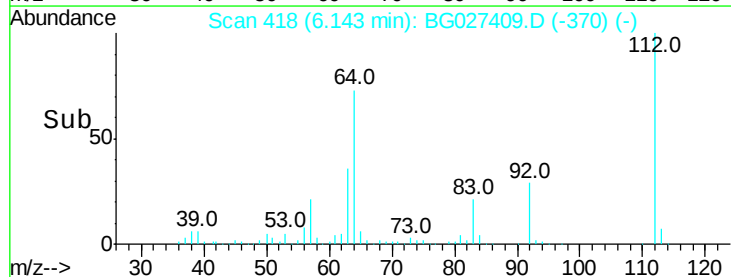
63 35.5 37.2 55.8#

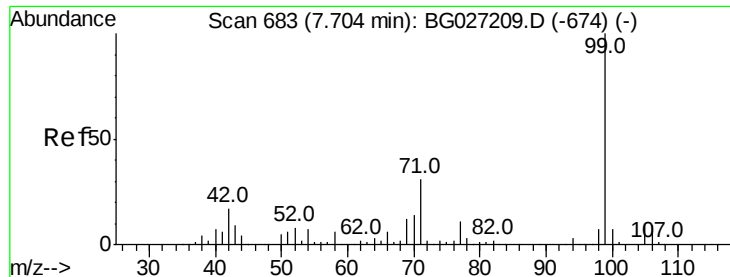


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 121.98 ng

RT: 7.69 min Scan# 681

Delta R.T. -0.02 min

Lab File: BG027409.D

Acq: 14 Jun 2017 6:56

Instrument :

BNA_G

ClientSampleId :

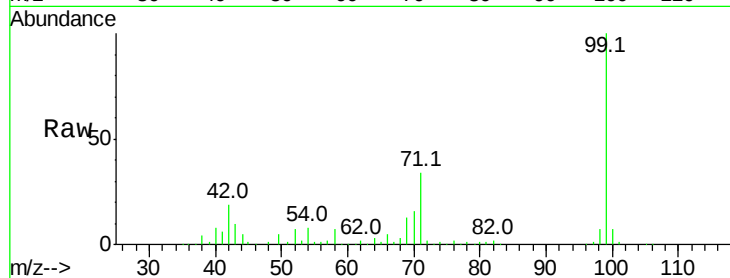
Tot Ion: 99 Resp: 600566

Ion Ratio Lower Upper

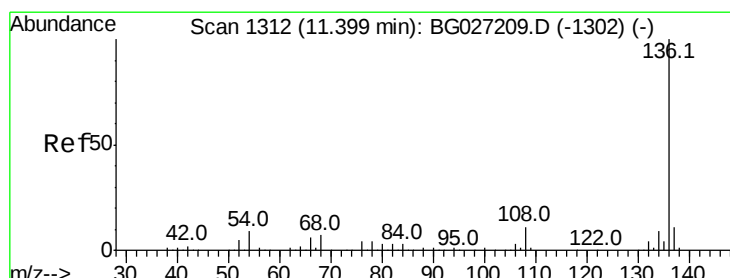
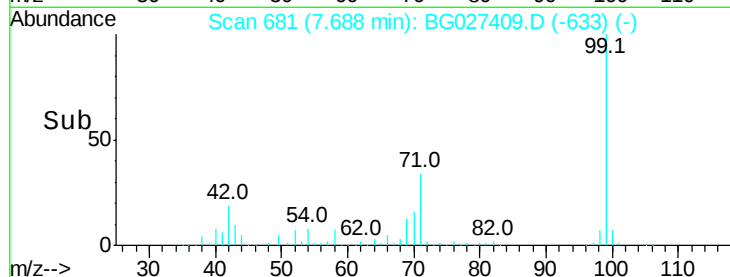
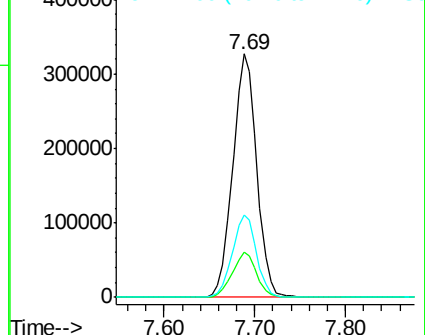
99 100

42 18.8 20.5 30.7#

71 33.8 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.37 min Scan# 1307

Delta R.T. -0.03 min

Lab File: BG027409.D

Acq: 14 Jun 2017 6:56

Tgt Ion: 136 Resp: 223872

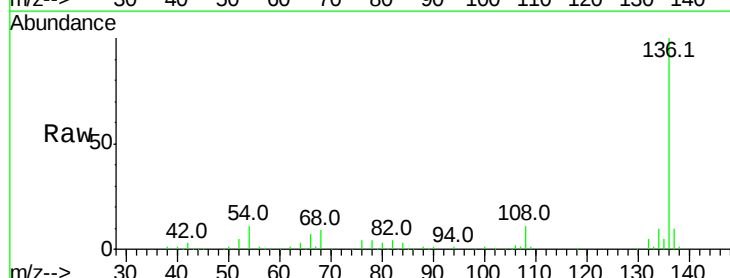
Ion Ratio Lower Upper

136 100

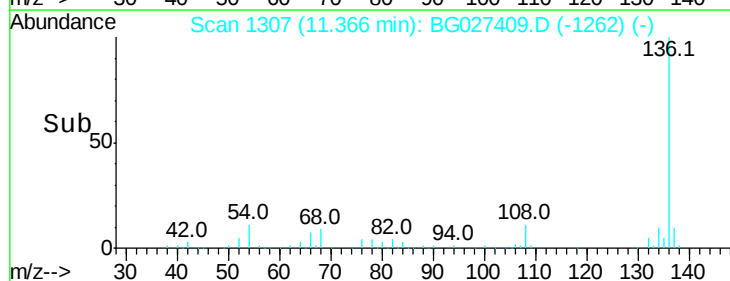
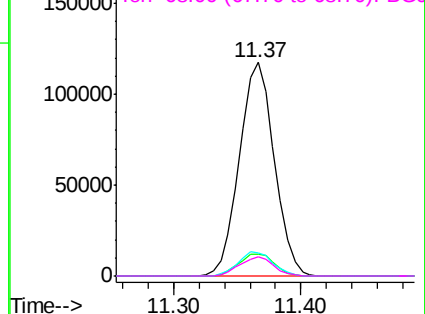
137 10.4 8.9 13.3

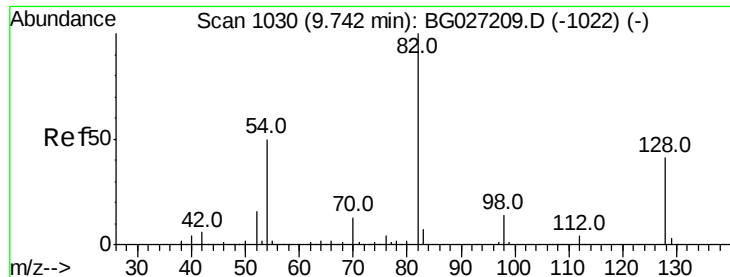
54 11.0 9.3 13.9

68 8.8 5.1 7.7#



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

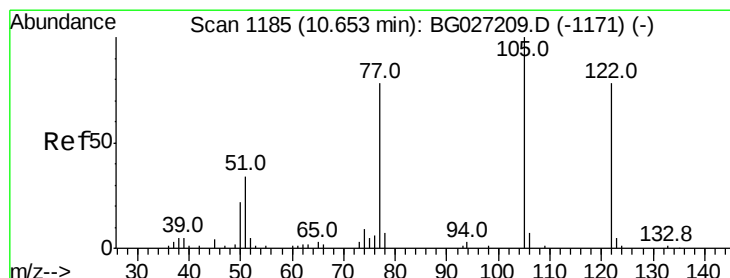
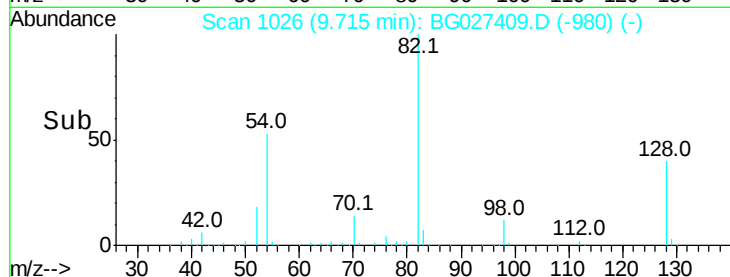
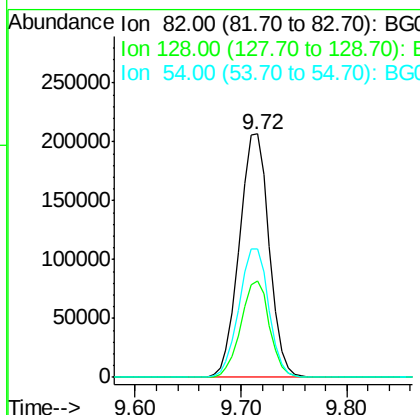
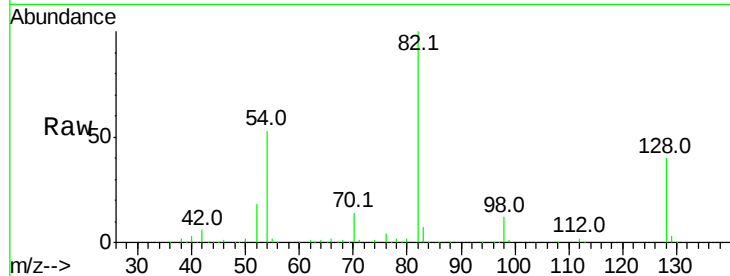




#23
 Nitrobenzene-d5
 Concen: 113.69 ng
 RT: 9.72 min Scan# 1026
 Delta R.T. -0.03 min
 Lab File: BG027409.D
 Acq: 14 Jun 2017 6:56

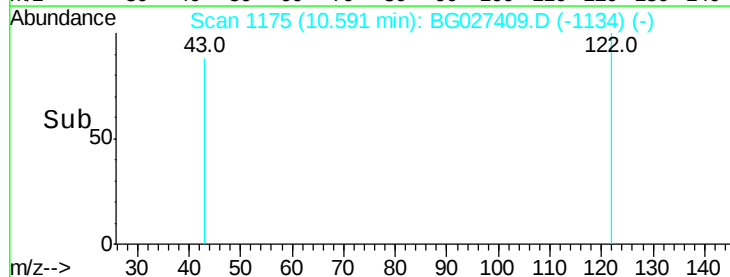
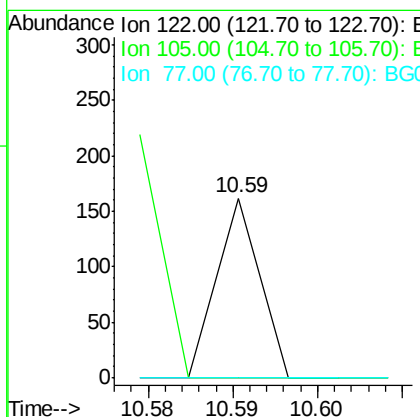
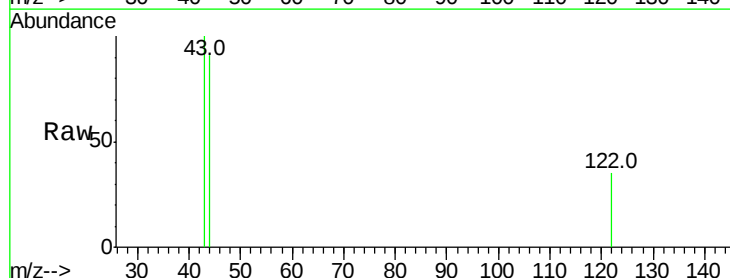
Instrument :
 BNA_G
 ClientSampleId :

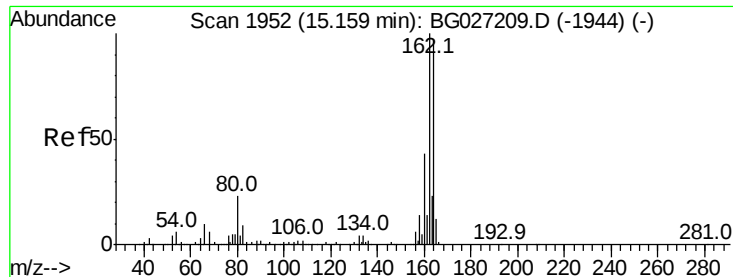
Tot Ion: 82 Resp: 404708
 Ion Ratio Lower Upper
 82 100
 128 39.7 26.4 39.6#
 54 52.8 49.4 74.2



#32
 Benzoic acid
 Concen: 8.04 ng
 RT: 10.59 min Scan# 1175
 Delta R.T. -0.06 min
 Lab File: BG027409.D
 Acq: 14 Jun 2017 6:56

Tgt Ion: 122 Resp: 57
 Ion Ratio Lower Upper
 122 100
 105 0.0 120.1 160.1#
 77 0.0 104.6 144.6#

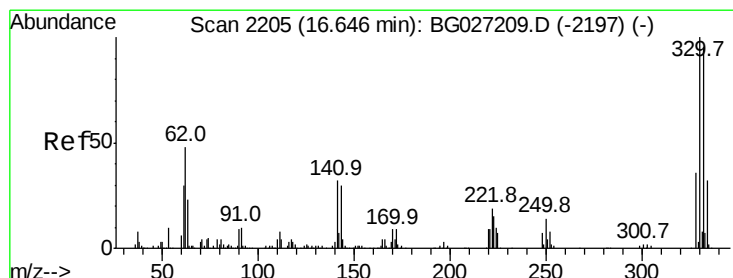
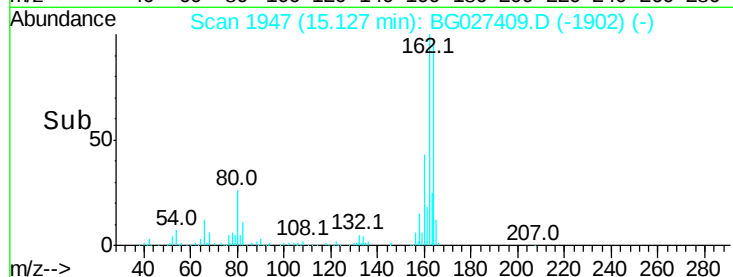
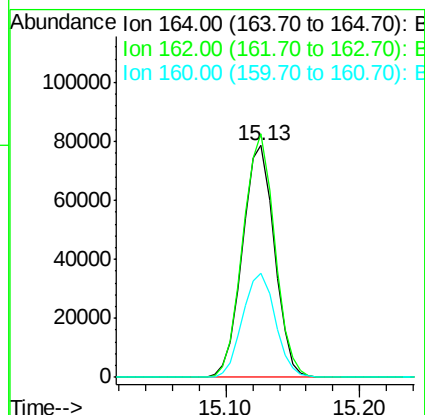
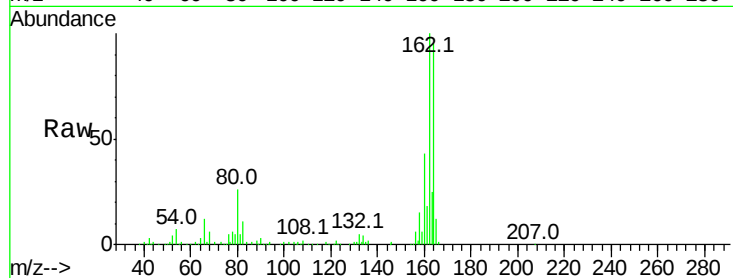




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.13 min Scan# 1947
Delta R.T. -0.03 min
Lab File: BG027409.D
Acq: 14 Jun 2017 6:56

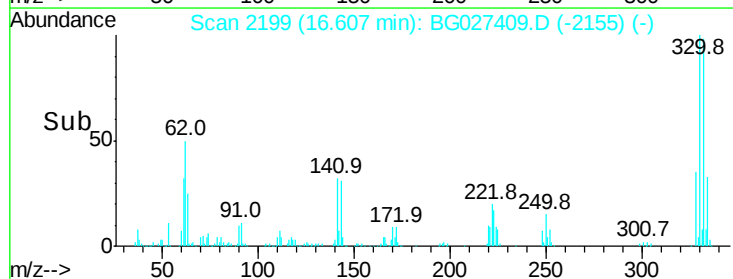
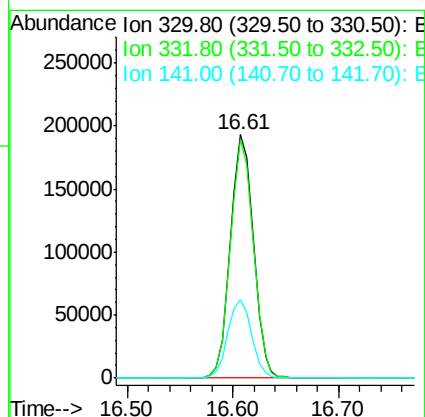
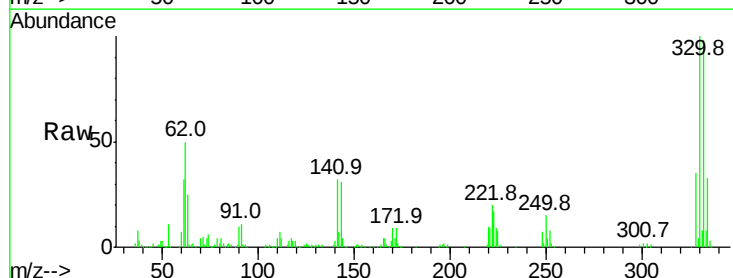
Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 130365
Ion Ratio Lower Upper
164 100
162 105.0 85.1 127.7
160 45.2 34.7 52.1



#41
2,4,6-Tribromophenol
Concen: 169.95 ng
RT: 16.61 min Scan# 2199
Delta R.T. -0.04 min
Lab File: BG027409.D
Acq: 14 Jun 2017 6:56

Tgt Ion:330 Resp: 291758
Ion Ratio Lower Upper
330 100
332 97.3 77.3 115.9
141 33.4 32.1 48.1

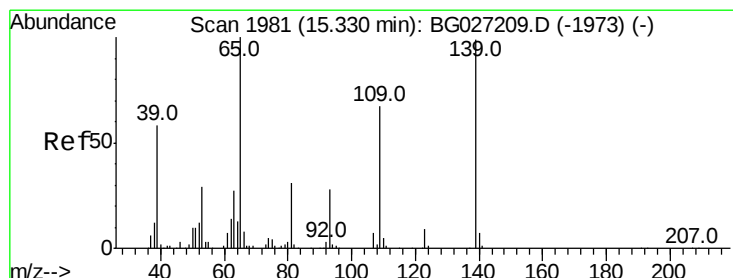
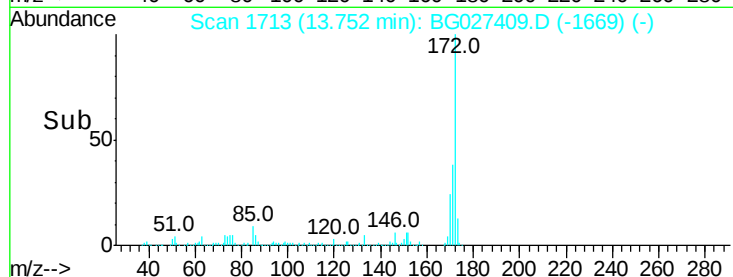
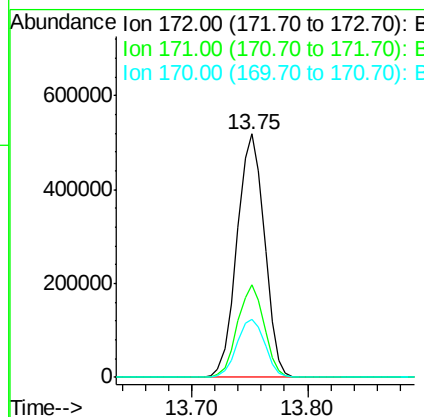
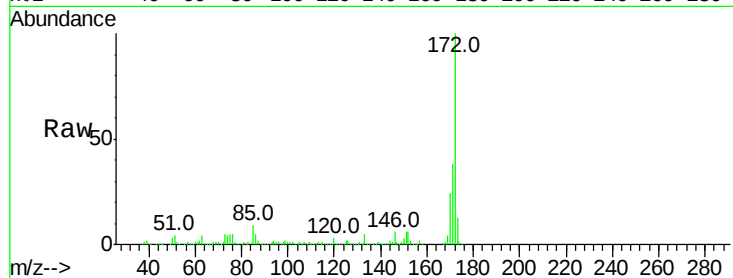




#44
2-Fluorobiphenyl
Concen: 91.60 ng
RT: 13.75 min Scan# 1713
Delta R.T. -0.04 min
Lab File: BG027409.D
Acq: 14 Jun 2017 6:56

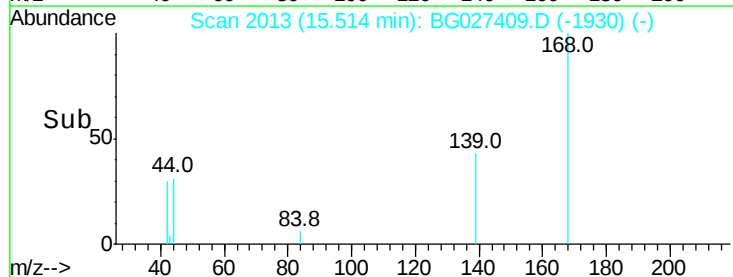
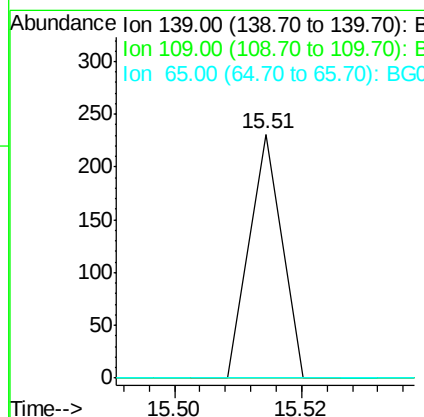
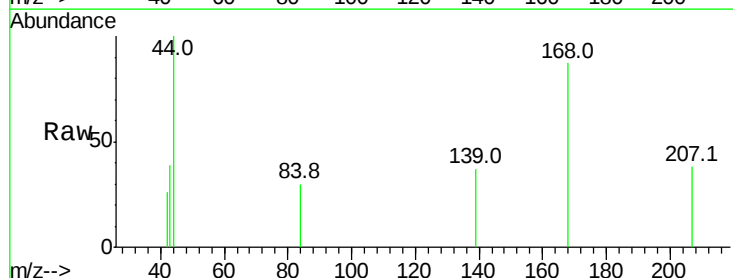
Instrument :
BNA_G
ClientSampleId :

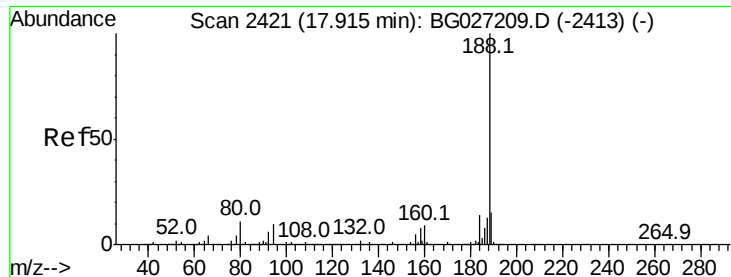
Tot Ion:172 Resp: 853601
Ion Ratio Lower Upper
172 100
171 37.8 32.2 48.2
170 24.0 21.8 32.6



#55
4-Nitrophenol
Concen: 6.16 ng
RT: 15.51 min Scan# 2013
Delta R.T. 0.19 min
Lab File: BG027409.D
Acq: 14 Jun 2017 6:56

Tgt Ion:139 Resp: 81
Ion Ratio Lower Upper
139 100
109 0.0 101.2 141.2#
65 0.0 135.3 175.3#

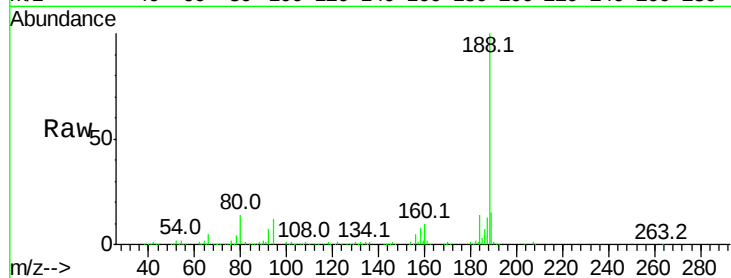




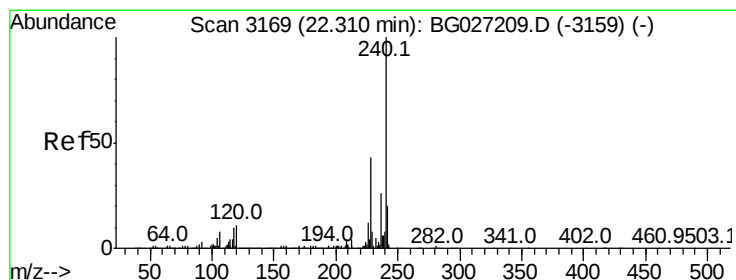
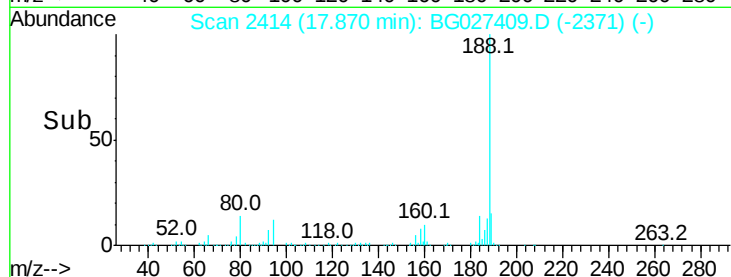
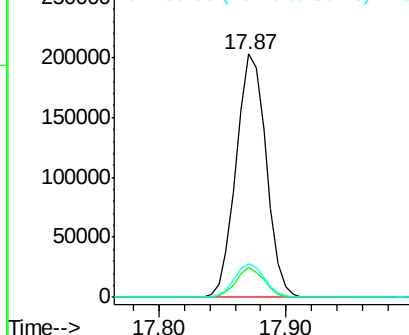
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.87 min Scan# 2414
Delta R.T. -0.04 min
Lab File: BG027409.D
Acq: 14 Jun 2017 6:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 334056
Ion Ratio Lower Upper
188 100
94 12.3 5.8 8.8#
80 13.8 7.5 11.3#

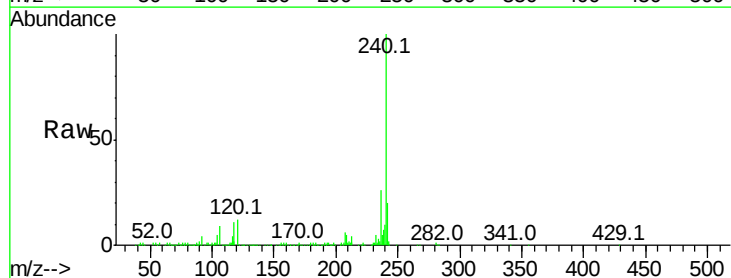


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

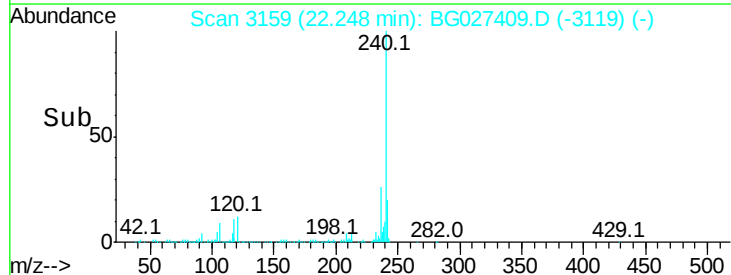
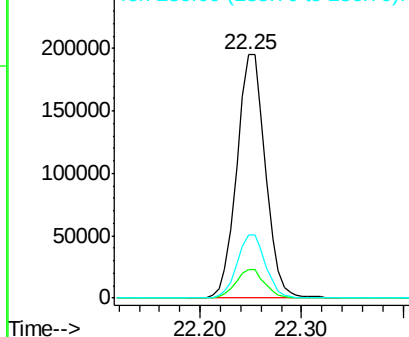


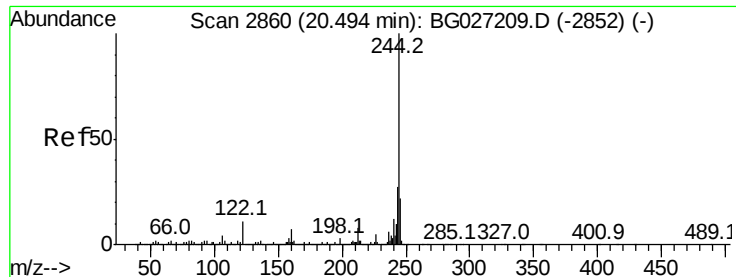
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.25 min Scan# 3159
Delta R.T. -0.06 min
Lab File: BG027409.D
Acq: 14 Jun 2017 6:56

Tgt Ion:240 Resp: 381297
Ion Ratio Lower Upper
240 100
120 11.8 5.7 8.5#
236 25.7 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: 106.65 ng

RT: 20.45 min Scan# 2853

Delta R.T. -0.04 min

Lab File: BG027409.D

Acq: 14 Jun 2017 6:56

Instrument :

BNA_G

ClientSampled :

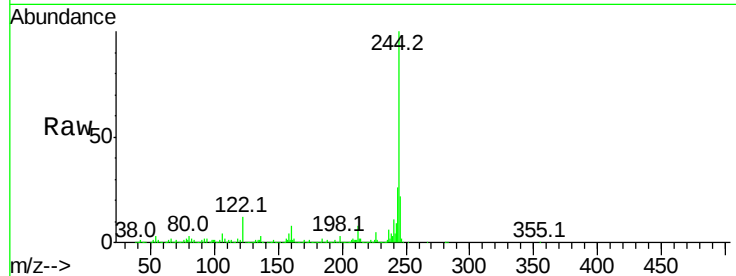
Tot Ion:244 Resp: 1594146

Ion Ratio Lower Upper

244 100

212 7.9 10.0 15.0#

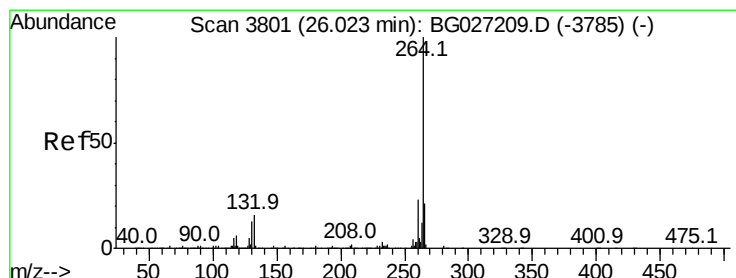
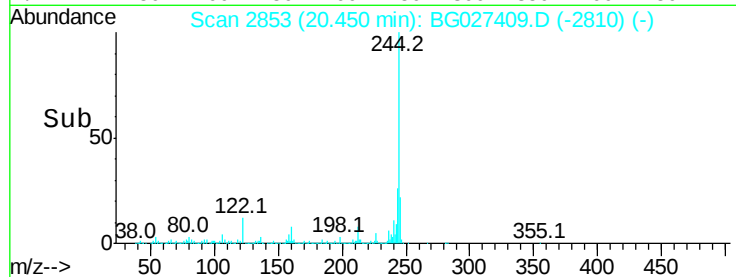
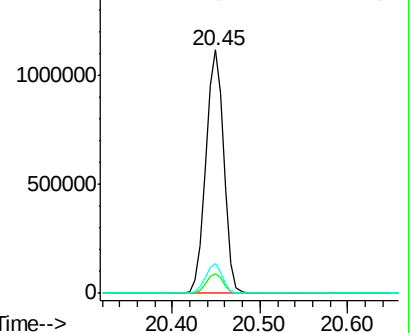
122 12.3 8.6 12.8



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: 25.92 min Scan# 3784

Delta R.T. -0.10 min

Lab File: BG027409.D

Acq: 14 Jun 2017 6:56

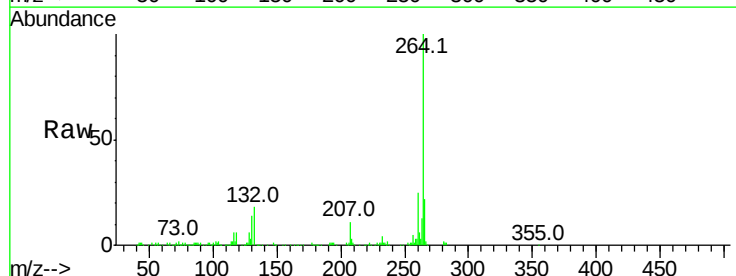
Tgt Ion:264 Resp: 350328

Ion Ratio Lower Upper

264 100

260 24.7 21.8 32.8

265 22.0 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

