

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011618\
 Data File : BG032091.D
 Acq On : 17 Jan 2018 4:50
 Operator : SJ/JU
 Sample : J1131-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OWS-1

Quant Time: Jan 17 06:16:53 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 15 10:05:15 2018
 Response via : Initial Calibration

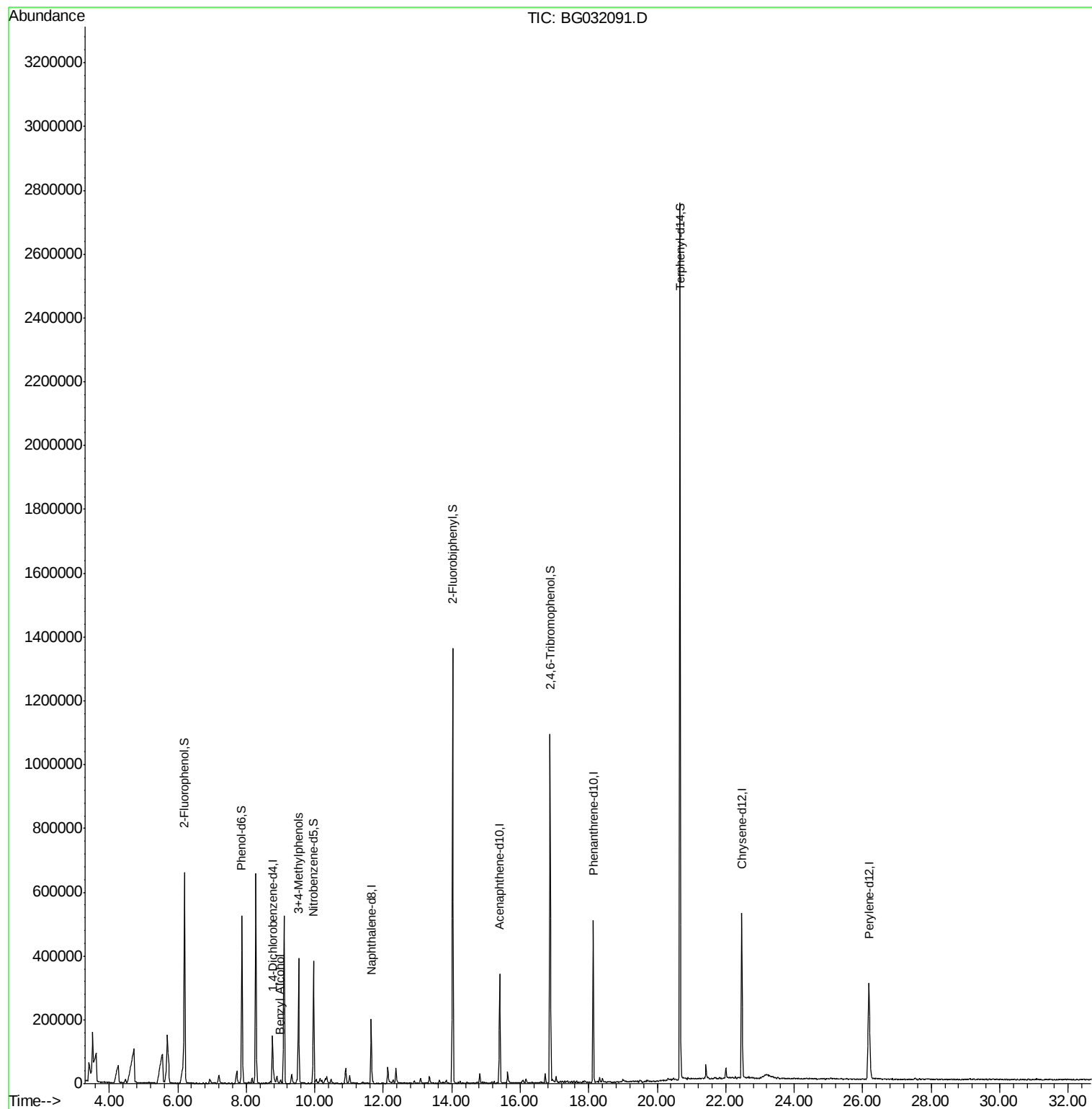
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.77	152	48973	20.00	ng	0.00
21) Naphthalene-d8	11.65	136	197767	20.00	ng	0.00
38) Acenaphthene-d10	15.40	164	131992	20.00	ng	0.00
63) Phenanthrene-d10	18.13	188	334489	20.00	ng	0.00
75) Chrysene-d12	22.47	240	419258	20.00	ng	-0.02
86) Perylene-d12	26.18	264	434304	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	295730	110.44	ng	0.00
7) Phenol-d6	7.87	99	341068	101.14	ng	0.00
23) Nitrobenzene-d5	9.96	82	240817	82.38	ng	0.00
41) 2,4,6-Tribromophenol	16.87	330	250599	114.73	ng	0.00
44) 2-Fluorobiphenyl	14.03	172	827063	77.70	ng	0.00
78) Terphenyl-d14	20.66	244	1502641	79.14	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.00	79	4958	2.024	ng	96
20) 3+4-Methylphenols	9.53	107	195778	55.665	ng	95

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.77 min Scan# 933

Delta R.T. -0.00 min

Lab File: BG032091.D

Acq: 17 Jan 2018 4:50

Instrument :

BNA_G

ClientSampleId :

OWS-1

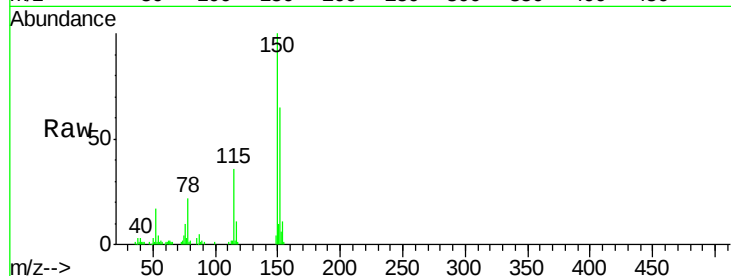
Tgt Ion:152 Resp: 48973

Ion Ratio Lower Upper

152 100

150 153.2 126.6 189.8

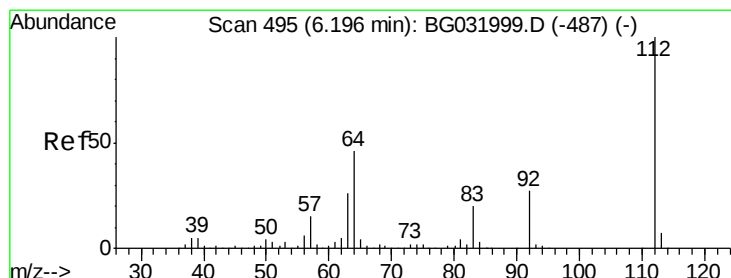
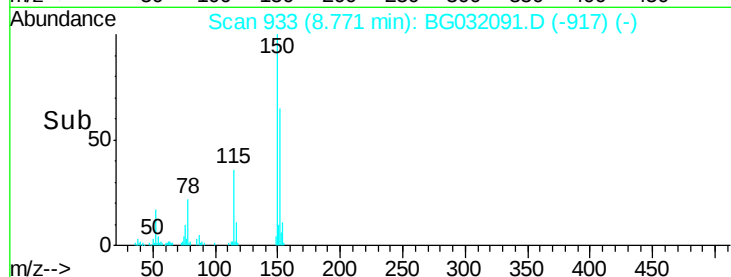
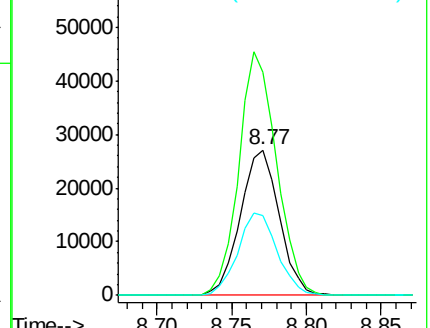
115 54.7 53.0 79.4



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: 110.443 ng

RT: 6.20 min Scan# 495

Delta R.T. 0.00 min

Lab File: BG032091.D

Acq: 17 Jan 2018 4:50

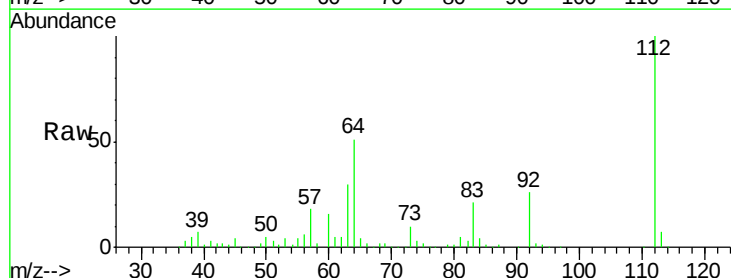
Tgt Ion:112 Resp: 295730

Ion Ratio Lower Upper

112 100

64 50.6 56.3 84.5#

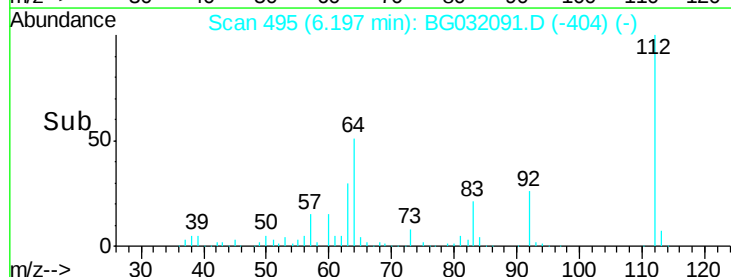
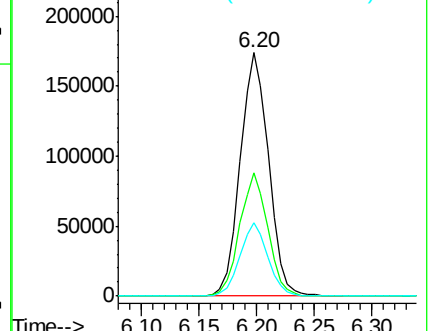
63 30.0 30.1 45.1#

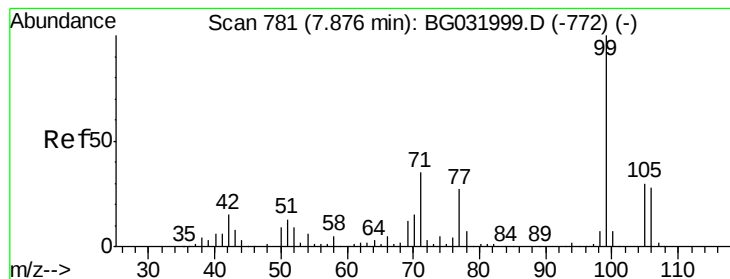


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 101.136 ng

RT: 7.87 min Scan# 780

Delta R.T. -0.00 min

Lab File: BG032091.D

Acq: 17 Jan 2018 4:50

Instrument :

BNA_G

ClientSampleId :

OWS-1

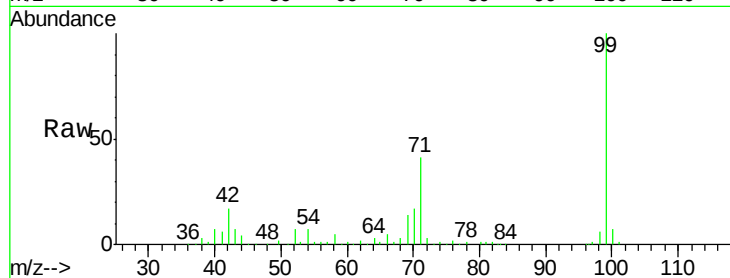
Tgt Ion: 99 Resp: 341068

Ion Ratio Lower Upper

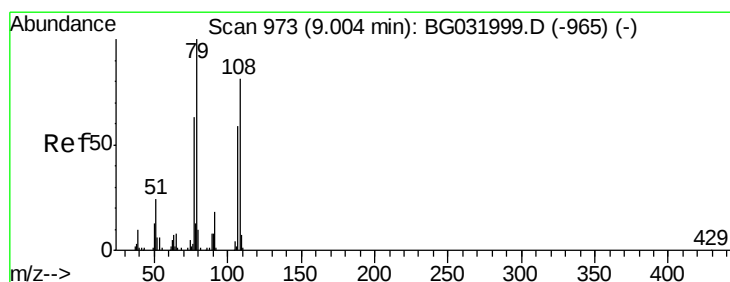
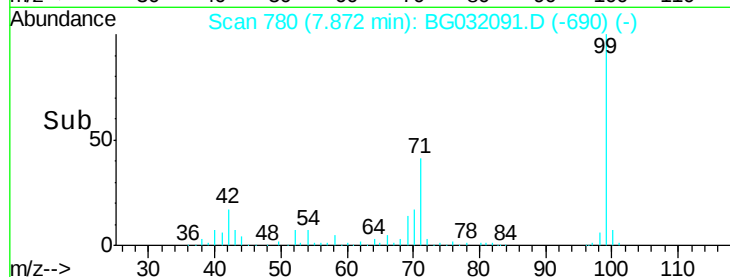
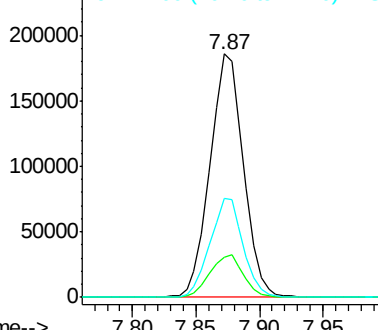
99 100

42 16.7 14.1 21.1

71 40.6 26.1 39.1#



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: 2.024 ng

RT: 9.00 min Scan# 972

Delta R.T. -0.00 min

Lab File: BG032091.D

Acq: 17 Jan 2018 4:50

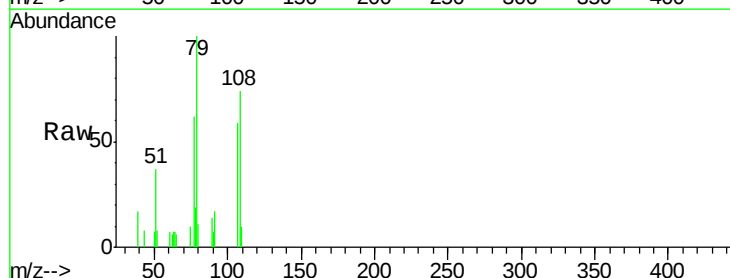
Tgt Ion: 79 Resp: 4958

Ion Ratio Lower Upper

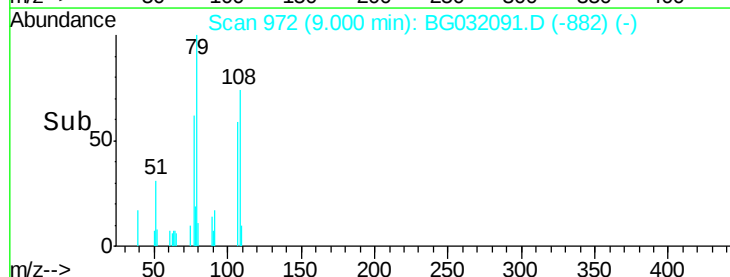
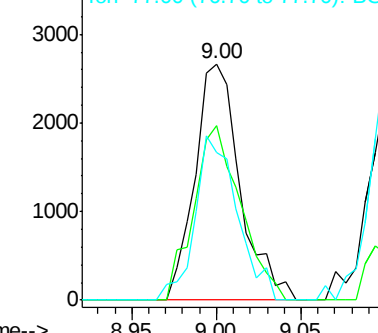
79 100

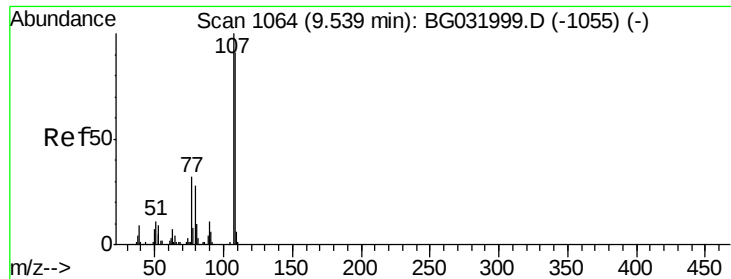
108 73.8 57.2 85.8

77 62.2 46.1 69.1



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





#20

3+4-Methylphenols

Concen: 55.665 ng

RT: 9.53 min Scan# 1062

Delta R.T. -0.01 min

Lab File: BG032091.D

Acq: 17 Jan 2018 4:50

Instrument :

BNA_G

ClientSampleId :

OWS-1

Tgt Ion:107 Resp: 195778

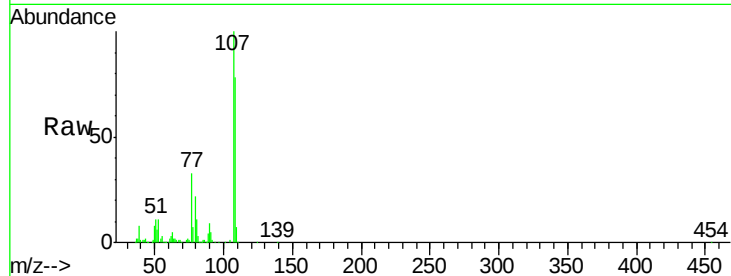
Ion Ratio Lower Upper

107 100

108 78.1 61.6 101.6

77 32.9 13.9 53.9

79 22.4 8.8 48.8

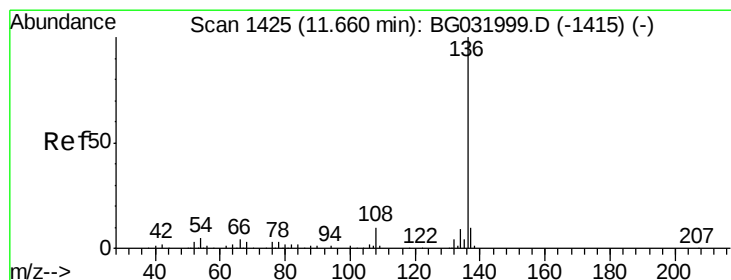
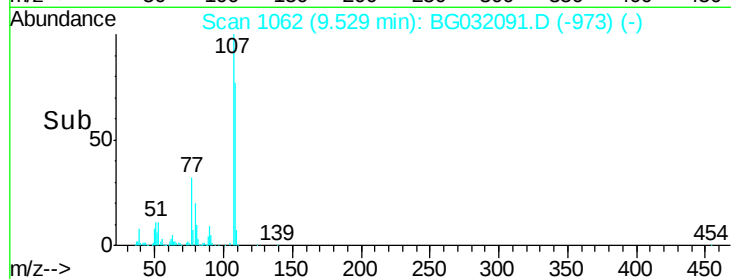
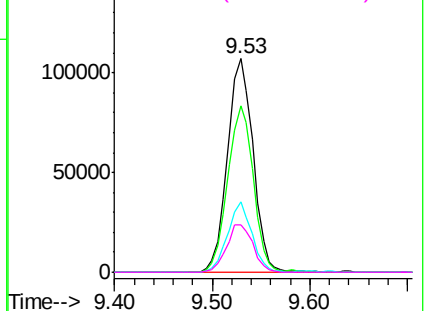


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.65 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BG032091.D

Acq: 17 Jan 2018 4:50

Tgt Ion:136 Resp: 197767

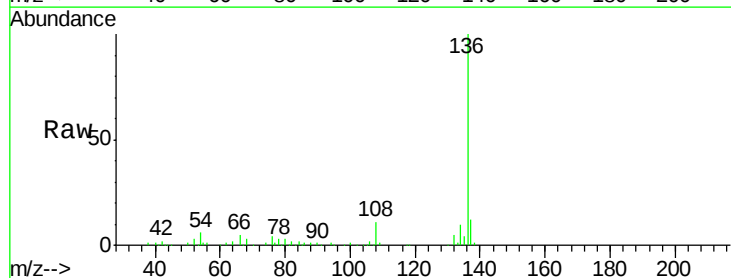
Ion Ratio Lower Upper

136 100

137 11.6 9.2 13.8

54 6.1 10.3 15.5#

68 2.5 4.5 6.7#

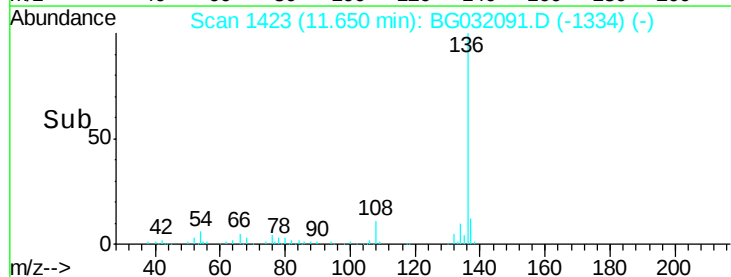
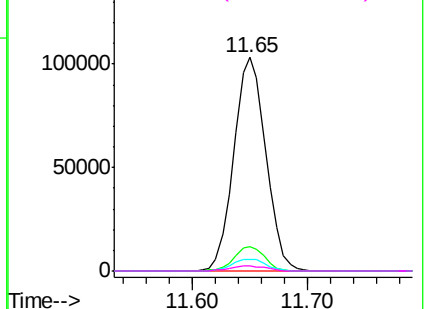


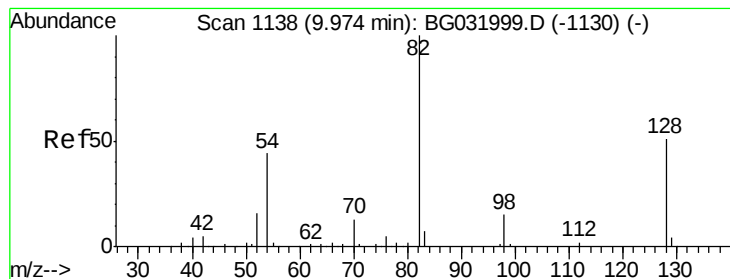
Abundance Ion 136.00 (135.70 to 136.70): E

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: 82.381 ng

RT: 9.96 min Scan# 1136

Delta R.T. -0.01 min

Lab File: BG032091.D

Acq: 17 Jan 2018 4:50

Instrument :

BNA_G

ClientSampleId :

OWS-1

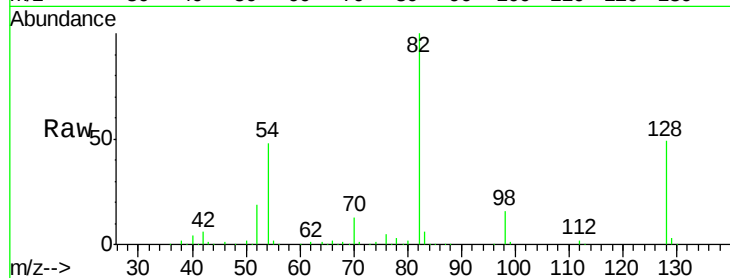
Tgt Ion: 82 Resp: 240817

Ion Ratio Lower Upper

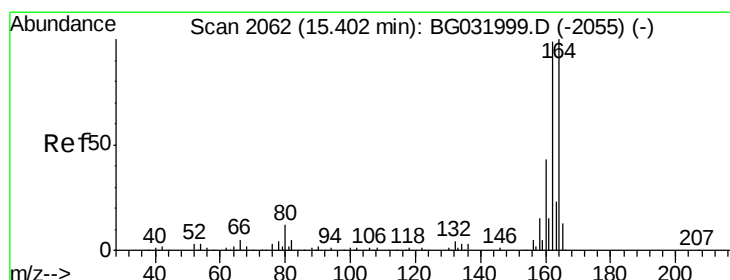
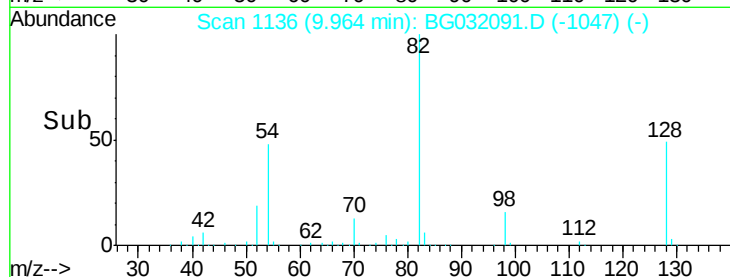
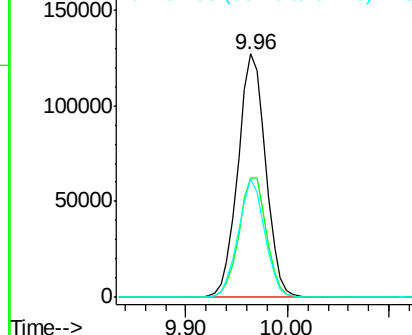
82 100

128 48.9 29.7 44.5#

54 48.3 43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.40 min Scan# 2061

Delta R.T. -0.00 min

Lab File: BG032091.D

Acq: 17 Jan 2018 4:50

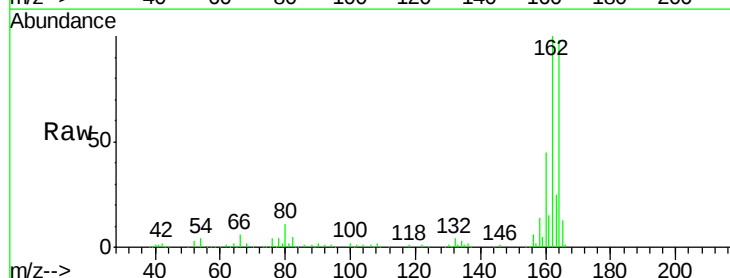
Tgt Ion: 164 Resp: 131992

Ion Ratio Lower Upper

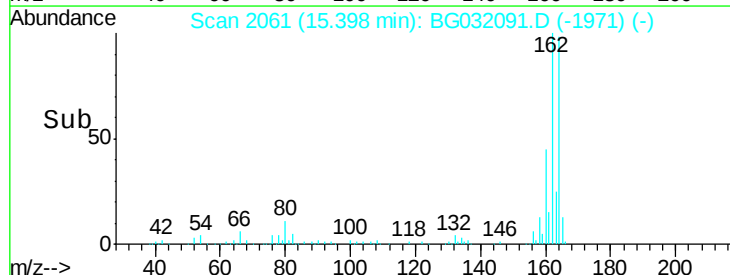
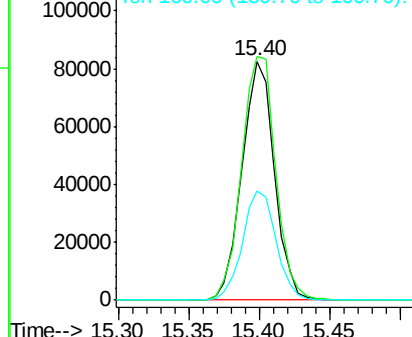
164 100

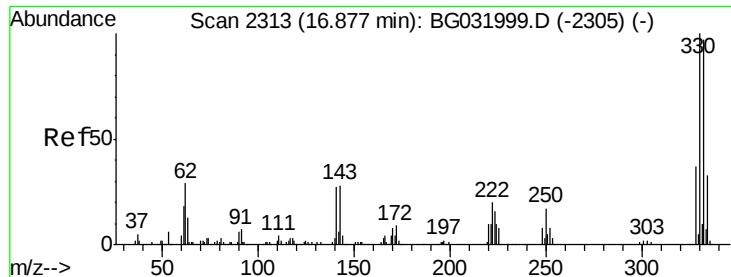
162 101.8 78.8 118.2

160 45.8 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC





#41

2,4,6-Tribromophenol

Concen: 114.735 ng

RT: 16.87 min Scan# 2312

Delta R.T. -0.00 min

Lab File: BG032091.D

Acq: 17 Jan 2018 4:50

Instrument :

BNA_G

ClientSampleId :

OWS-1

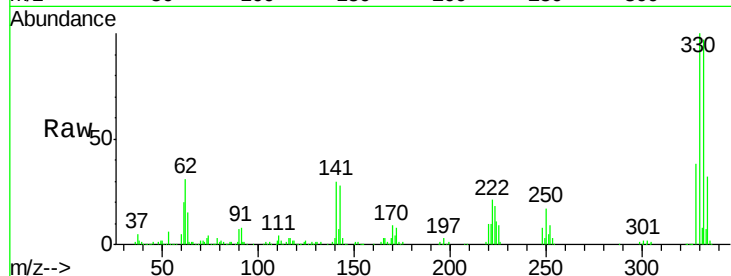
Tgt Ion:330 Resp: 250599

Ion Ratio Lower Upper

330 100

332 97.4 77.0 115.6

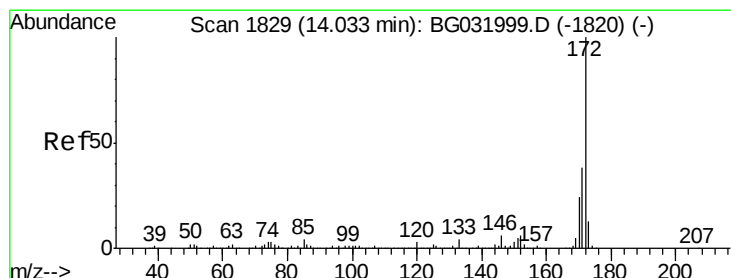
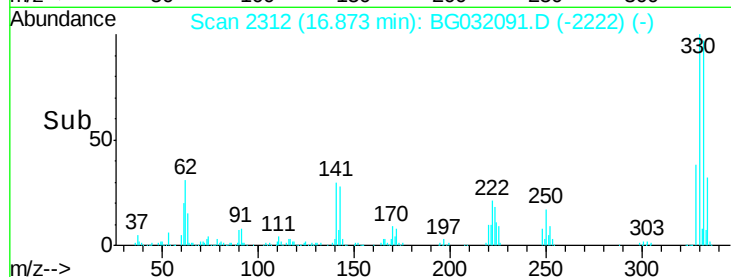
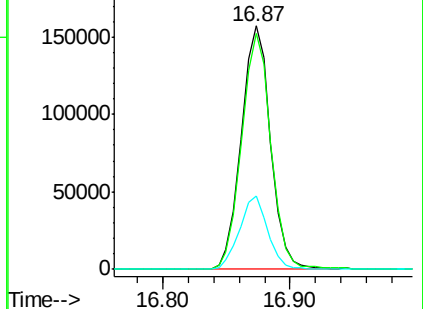
141 29.3 25.2 37.8



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: 77.695 ng

RT: 14.03 min Scan# 1828

Delta R.T. -0.00 min

Lab File: BG032091.D

Acq: 17 Jan 2018 4:50

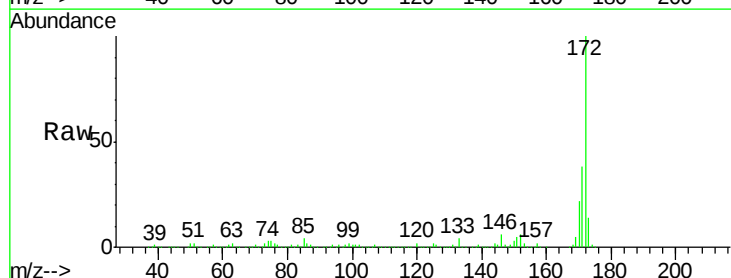
Tgt Ion:172 Resp: 827063

Ion Ratio Lower Upper

172 100

171 38.4 30.0 45.0

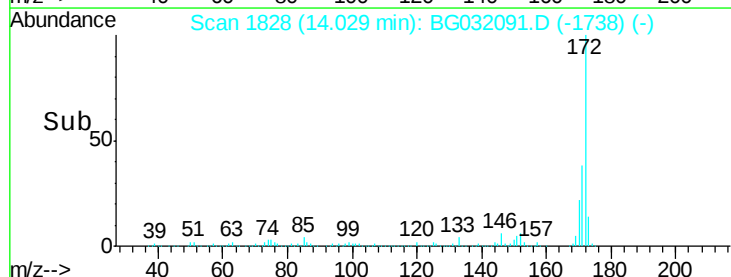
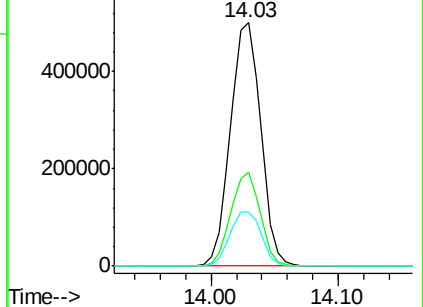
170 22.4 19.5 29.3

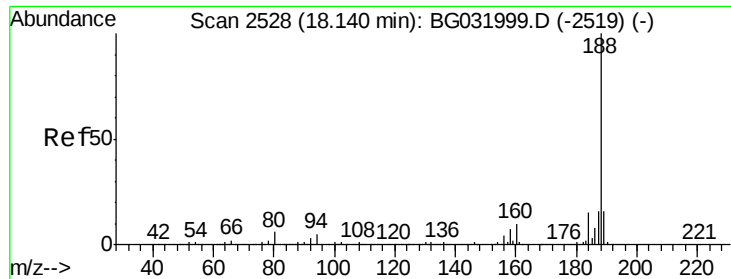


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

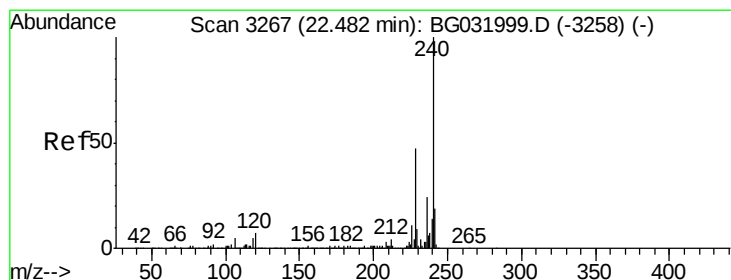
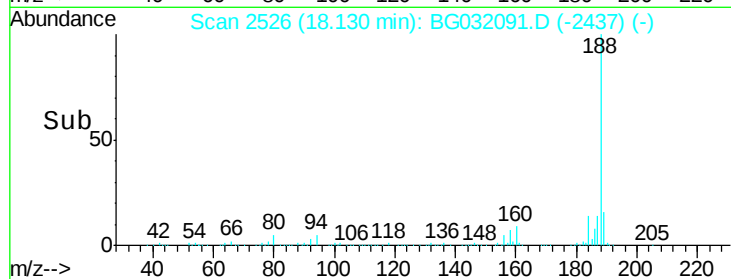
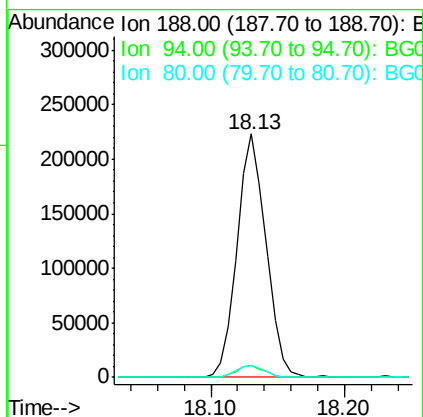
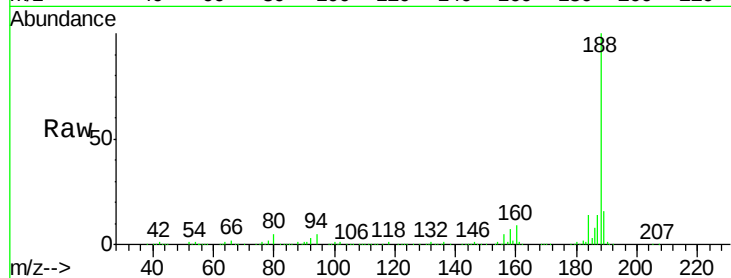




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.13 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BG032091.D
Acq: 17 Jan 2018 4:50

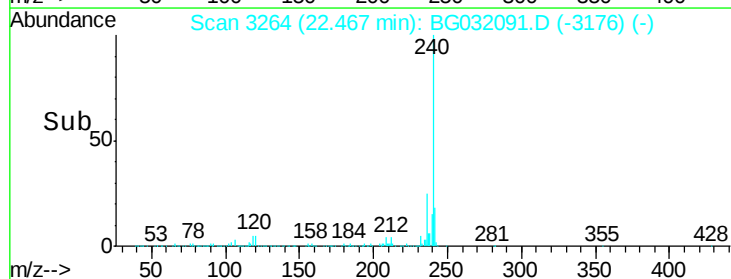
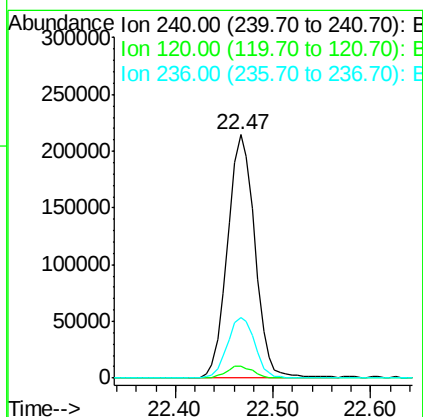
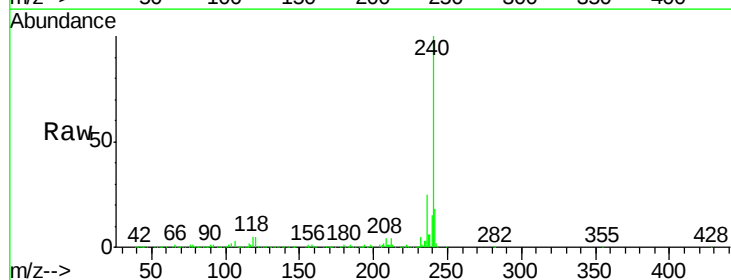
Instrument :
BNA_G
ClientSampleId :
OWS-1

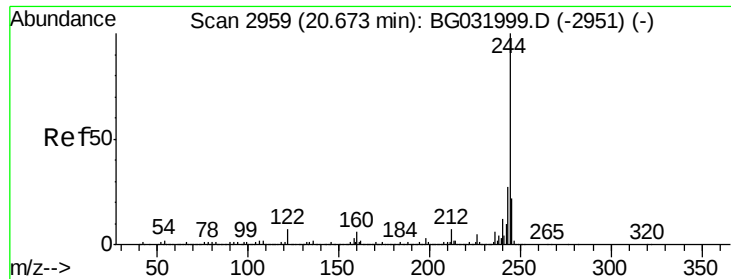
Tgt Ion:188 Resp: 334489
Ion Ratio Lower Upper
188 100
94 4.8 6.9 10.3#
80 4.9 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.47 min Scan# 3264
Delta R.T. -0.02 min
Lab File: BG032091.D
Acq: 17 Jan 2018 4:50

Tgt Ion:240 Resp: 419258
Ion Ratio Lower Upper
240 100
120 5.1 6.8 10.2#
236 24.7 20.9 31.3





#78

Terphenyl-d14

Concen: 79.137 ng

RT: 20.66 min Scan# 2957

Delta R.T. -0.01 min

Lab File: BG032091.D

Acq: 17 Jan 2018 4:50

Instrument :

BNA_G

ClientSampleId :

OWS-1

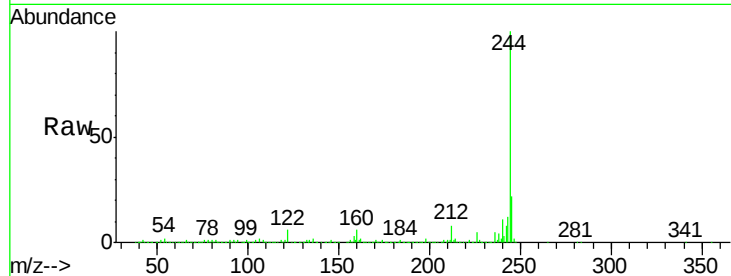
Tgt Ion:244 Resp: 1502641

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

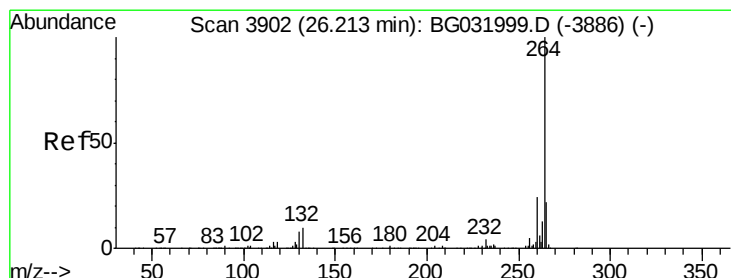
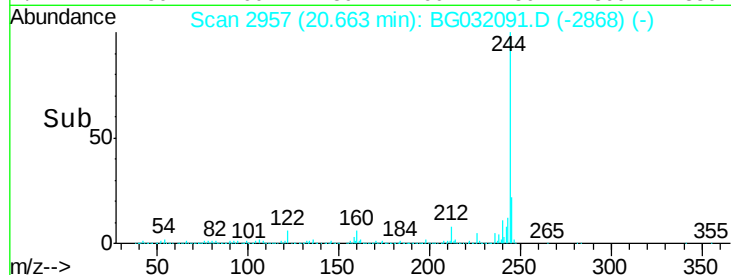
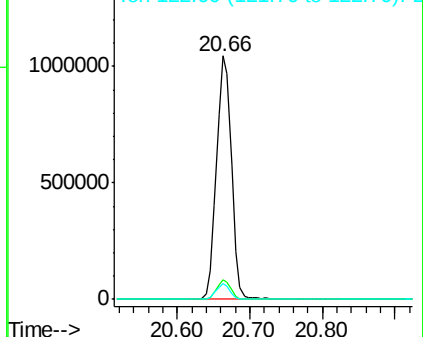
122 6.3 7.0 10.4#



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: 20.000 ng

RT: 26.18 min Scan# 3896

Delta R.T. -0.03 min

Lab File: BG032091.D

Acq: 17 Jan 2018 4:50

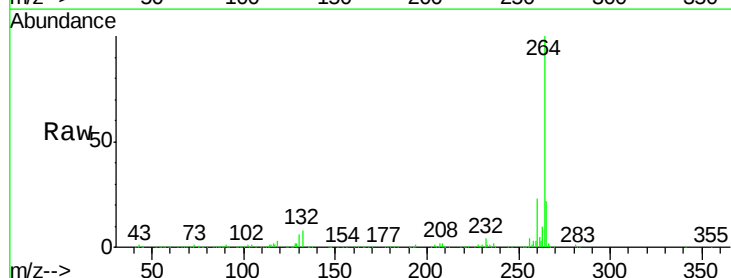
Tgt Ion:264 Resp: 434304

Ion Ratio Lower Upper

264 100

260 23.1 17.4 26.0

265 21.6 17.7 26.5



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

