

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012318\
 Data File : BG032254.D
 Acq On : 24 Jan 2018 9:56
 Operator : SJ/JU
 Sample : J1250-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AB-10(0-2)

Quant Time: Jan 24 11:14:22 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 24 10:00:32 2018
 Response via : Initial Calibration

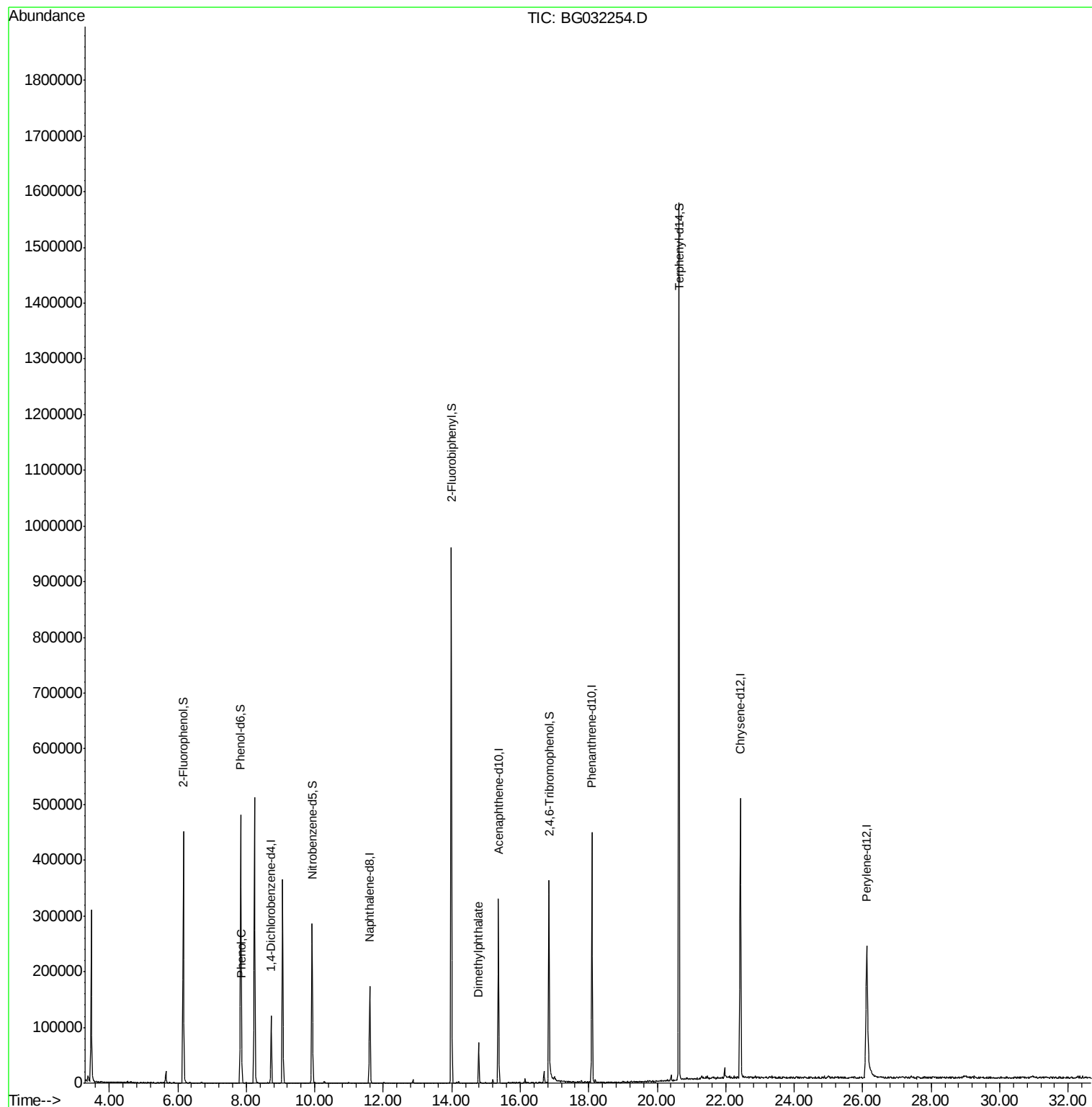
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	40848	20.00	ng	0.00
21) Naphthalene-d8	11.61	136	171917	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	121585	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	302933	20.00	ng	0.00
75) Chrysene-d12	22.42	240	388849	20.00	ng	0.00
86) Perylene-d12	26.11	264	406632	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	237556	106.36	ng	0.00
7) Phenol-d6	7.84	99	298528	106.13	ng	0.00
23) Nitrobenzene-d5	9.92	82	178835	70.38	ng	0.00
41) 2,4,6-Tribromophenol	16.84	330	97473	48.45	ng	0.00
44) 2-Fluorobiphenyl	13.99	172	568272	57.95	ng	0.00
78) Terphenyl-d14	20.63	244	870290	49.42	ng	0.00
Target Compounds						
10) Phenol	7.86	94	15525	5.603	ng	93
49) Dimethylphthalate	14.79	163	56458	5.306	ng	98

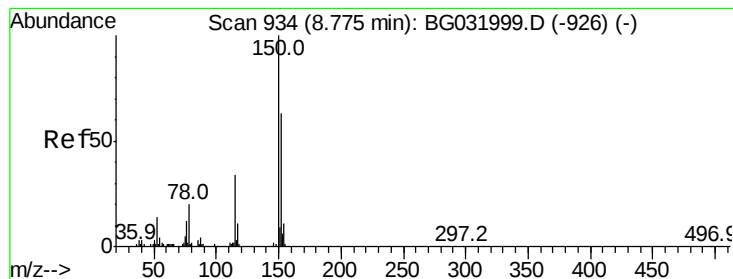
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.72 min Scan# 925

Delta R.T. -0.01 min

Lab File: BG032254.D

Acq: 24 Jan 2018 9:56

Instrument :

BNA_G

ClientSampleId :

AB-10(0-2)

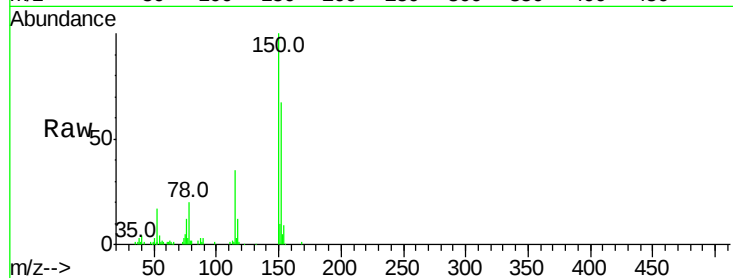
Tot Ion:152 Resp: 40848

Ion Ratio Lower Upper

152 100

150 148.3 126.6 189.8

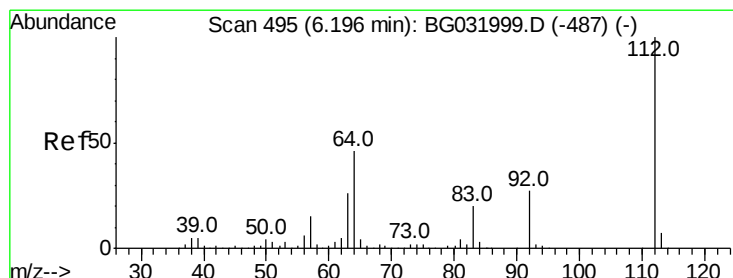
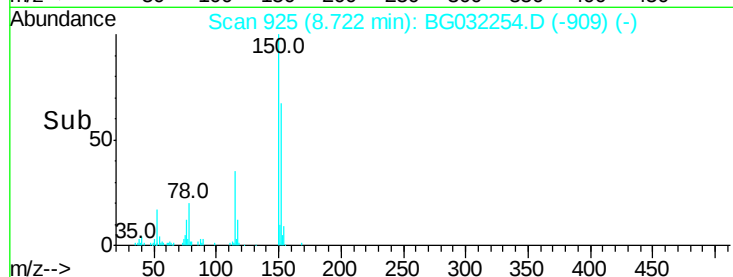
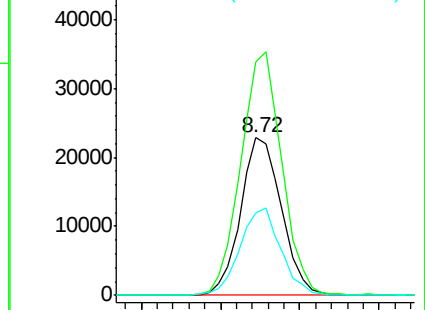
115 51.9 53.0 79.4#



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: 106.364 ng

RT: 6.16 min Scan# 489

Delta R.T. 0.01 min

Lab File: BG032254.D

Acq: 24 Jan 2018 9:56

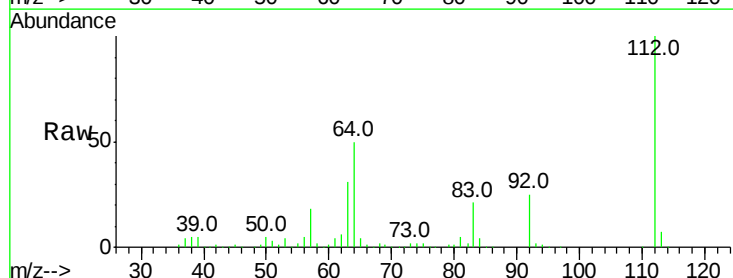
Tgt Ion:112 Resp: 237556

Ion Ratio Lower Upper

112 100

64 50.2 56.3 84.5#

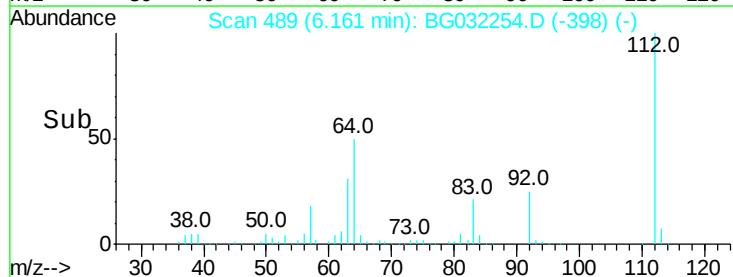
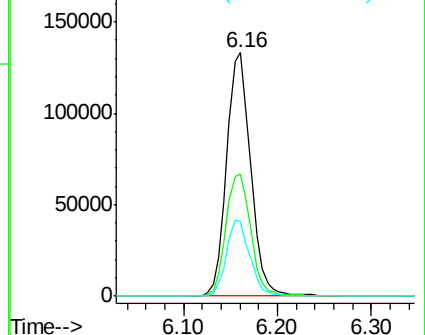
63 30.9 30.1 45.1

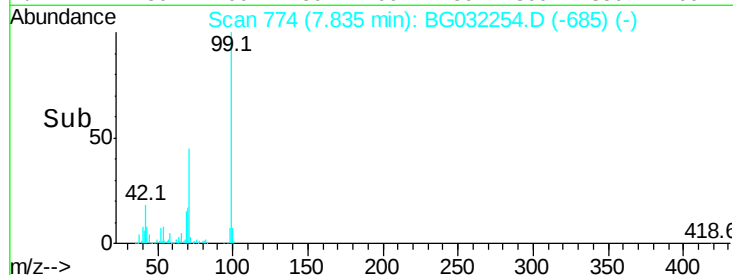
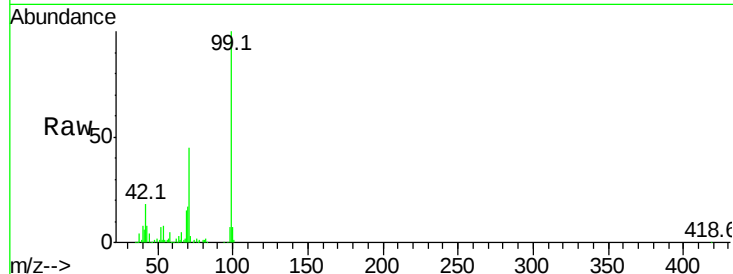
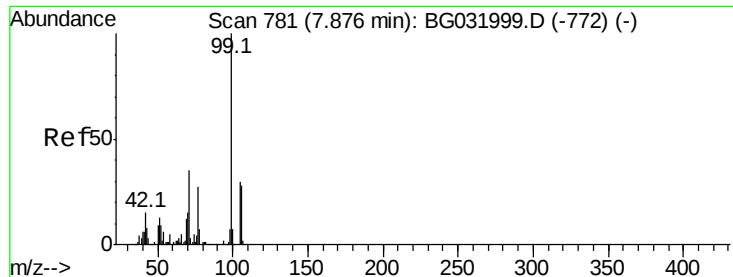


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 106.129 ng

RT: 7.84 min Scan# 774

Delta R.T. -0.01 min

Lab File: BG032254.D

Acq: 24 Jan 2018 9:56

Instrument :

BNA_G

ClientSampleId :

AB-10(0-2)

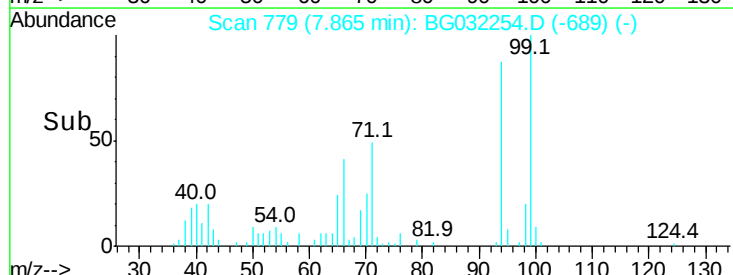
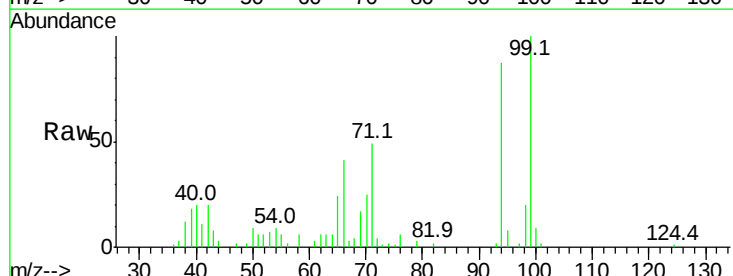
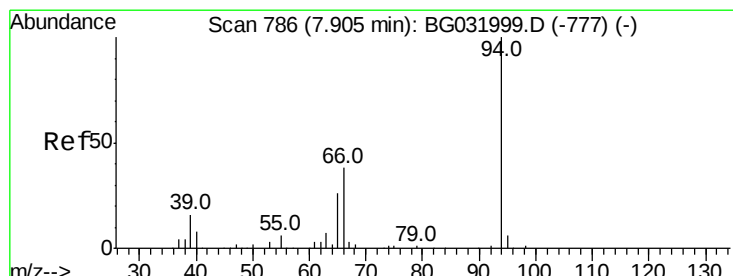
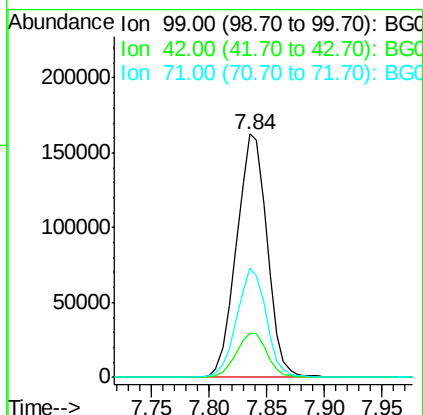
Tot Ion: 99 Resp: 298528

Ion Ratio Lower Upper

99 100

42 18.2 14.1 21.1

71 44.8 26.1 39.1#



#10

Phenol

Concen: 5.603 ng

RT: 7.86 min Scan# 779

Delta R.T. -0.00 min

Lab File: BG032254.D

Acq: 24 Jan 2018 9:56

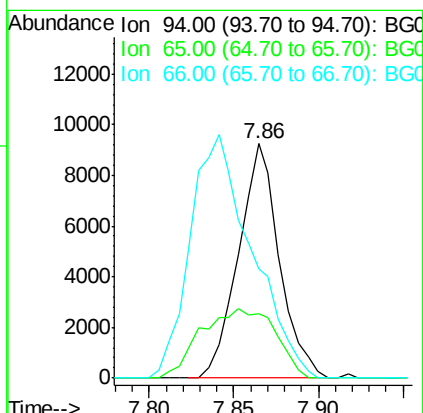
Tgt Ion: 94 Resp: 15525

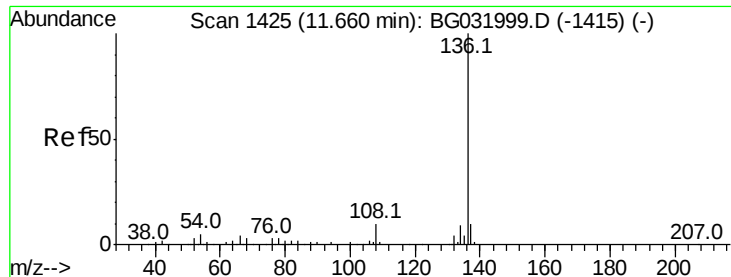
Ion Ratio Lower Upper

94 100

65 27.6 11.9 51.9

66 46.8 22.2 62.2

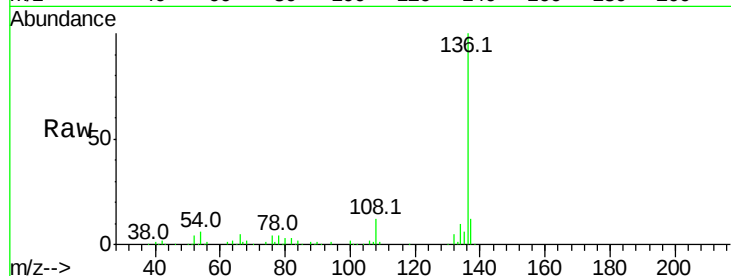




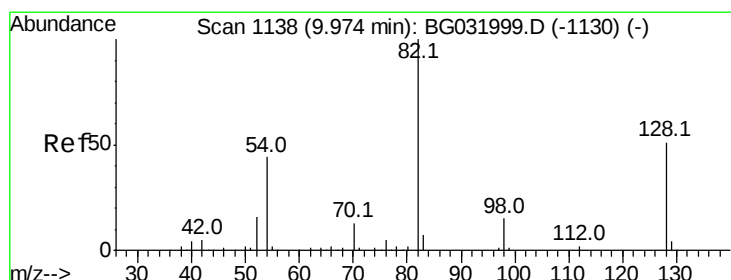
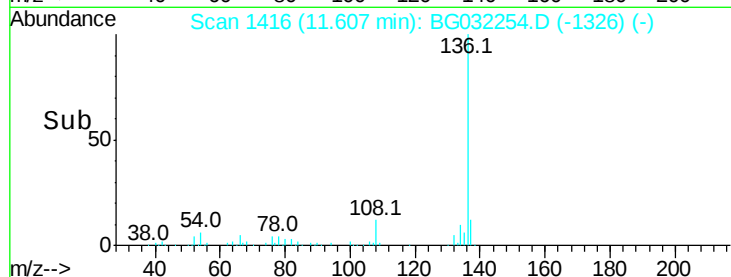
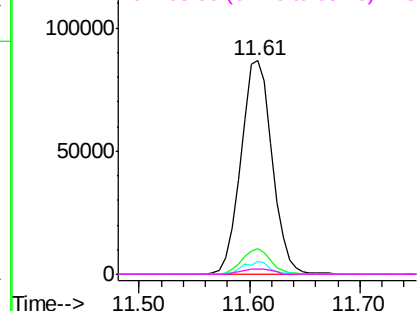
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.61 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BG032254.D
Acq: 24 Jan 2018 9:56

Instrument :
BNA_G
ClientSampleId :
AB-10(0-2)

Tot Ion:	136	Resp:	171917
Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.2	13.8
54	5.9	10.3	15.5#
68	2.2	4.5	6.7#

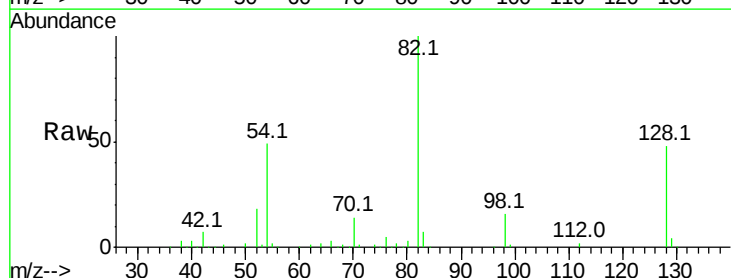


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

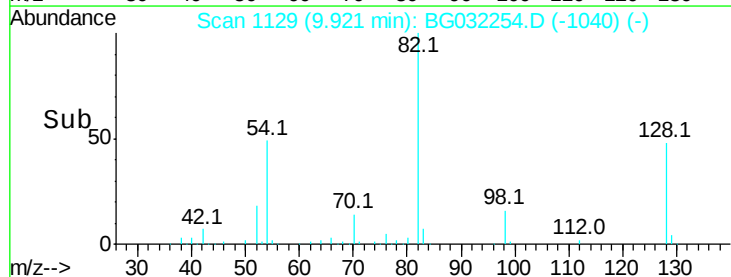
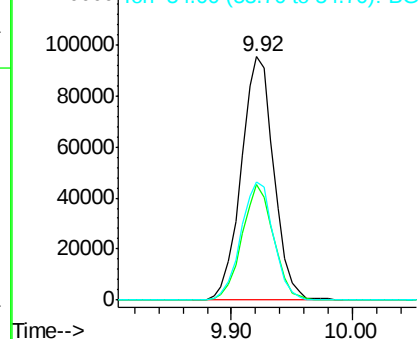


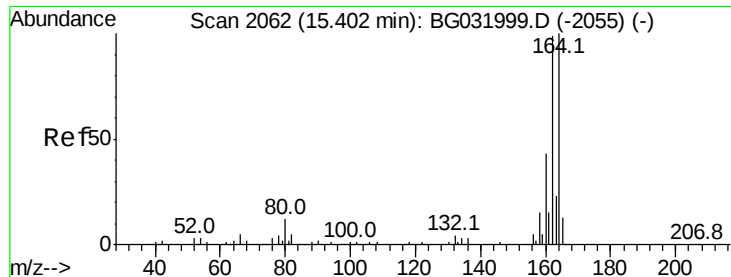
#23
Nitrobenzene-d5
Concen: 70.377 ng
RT: 9.92 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BG032254.D
Acq: 24 Jan 2018 9:56

Tgt Ion:	82	Resp:	178835
Ion	Ratio	Lower	Upper
82	100		
128	47.6	29.7	44.5#
54	48.6	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: 15.36 min Scan# 2055

Delta R.T. -0.00 min

Lab File: BG032254.D

Acq: 24 Jan 2018 9:56

Instrument :

BNA_G

ClientSampleId :

AB-10(0-2)

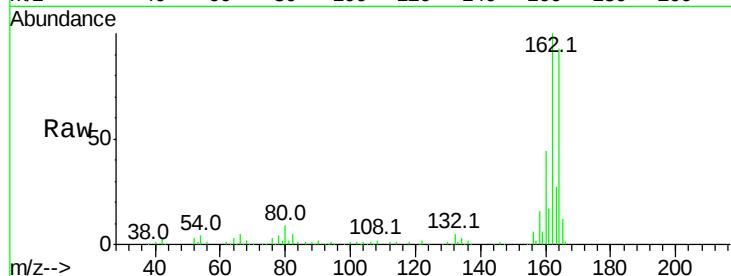
Tot Ion:164 Resp: 121585

Ion Ratio Lower Upper

164 100

162 108.1 78.8 118.2

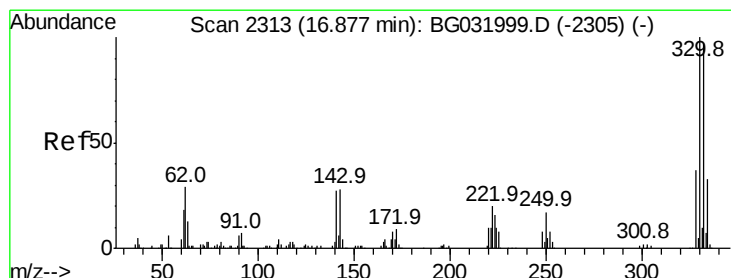
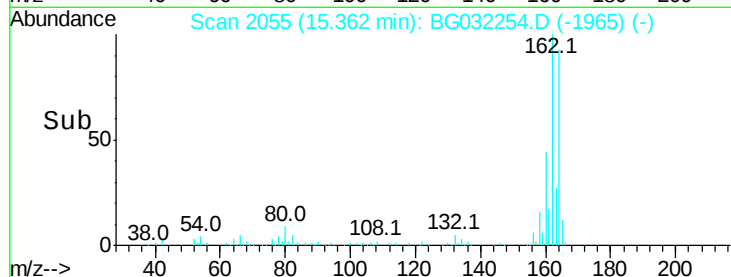
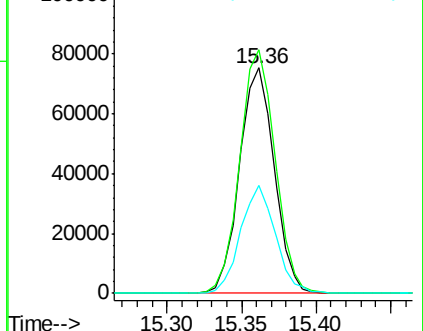
160 47.8 35.4 53.0



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: 48.447 ng

RT: 16.84 min Scan# 2306

Delta R.T. -0.00 min

Lab File: BG032254.D

Acq: 24 Jan 2018 9:56

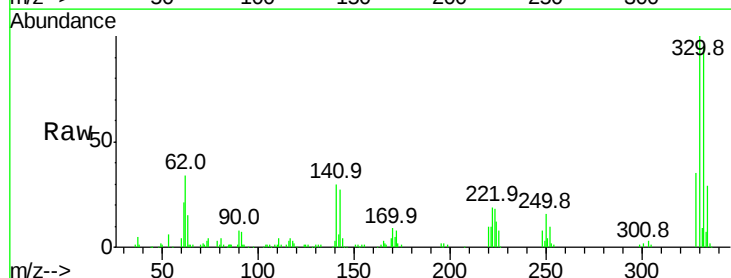
Tgt Ion:330 Resp: 97473

Ion Ratio Lower Upper

330 100

332 91.3 77.0 115.6

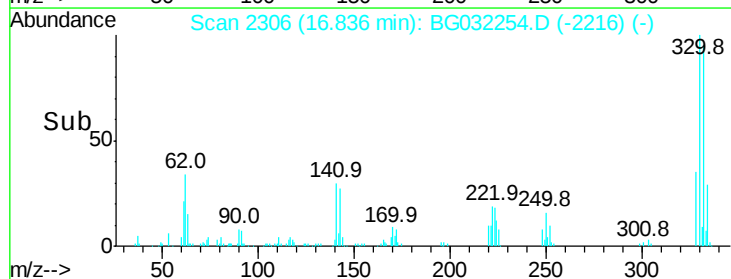
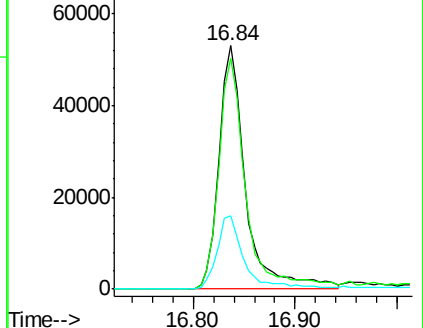
141 30.7 25.2 37.8

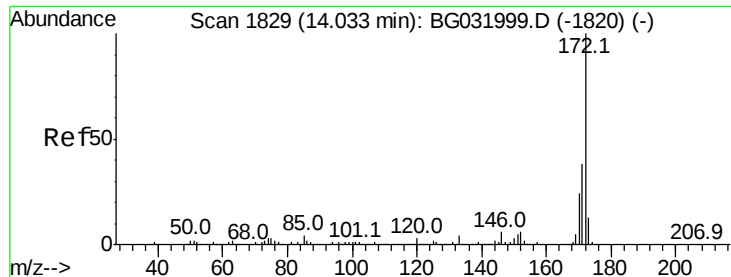


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

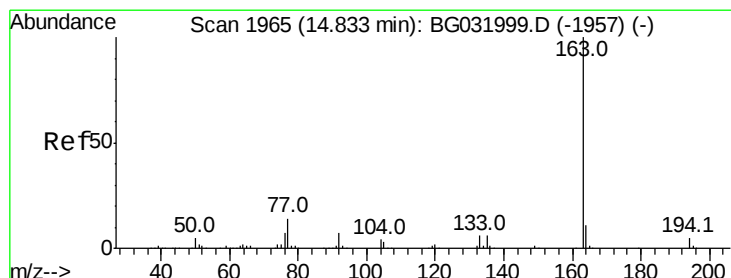
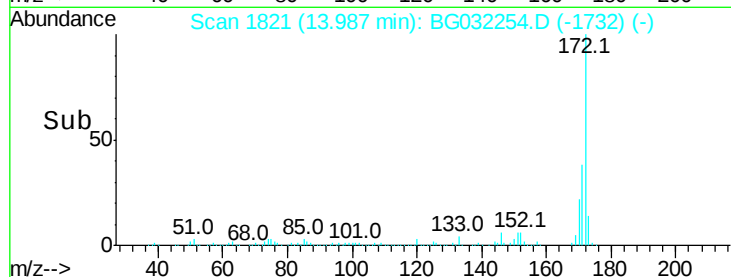
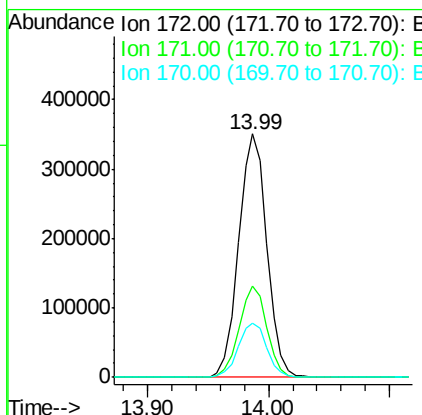
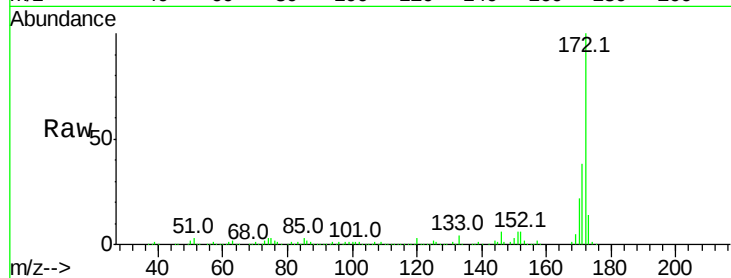




#44
2-Fluorobiphenyl
Concen: 57.954 ng
RT: 13.99 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BG032254.D
Acq: 24 Jan 2018 9:56

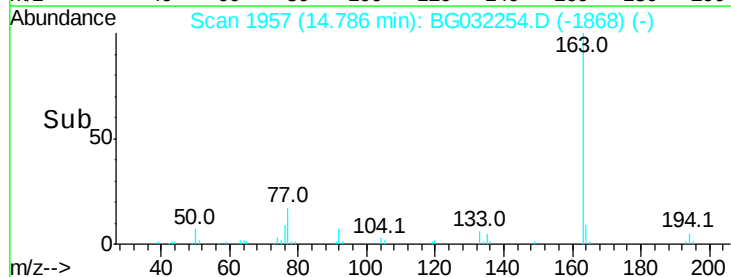
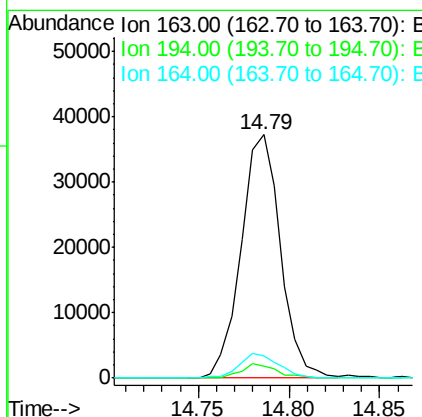
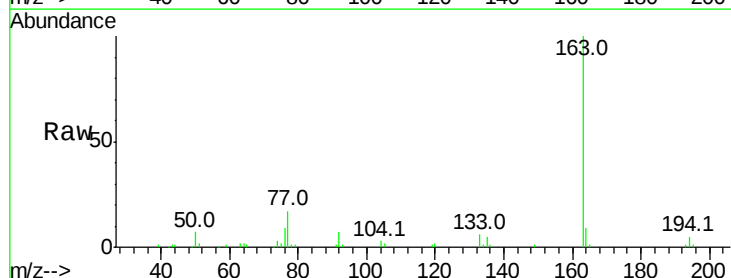
Instrument :
BNA_G
ClientSampleId :
AB-10(0-2)

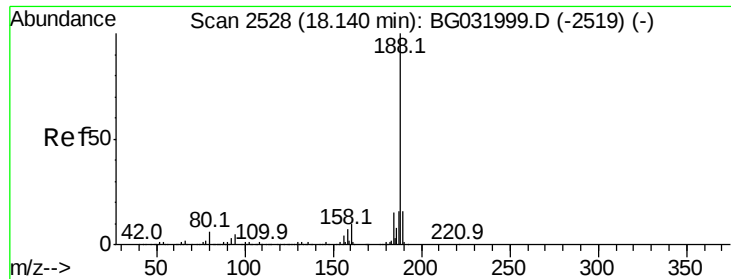
Tot Ion:172 Resp: 568272
Ion Ratio Lower Upper
172 100
171 37.7 30.0 45.0
170 22.4 19.5 29.3



#49
Dimethylphthalate
Concen: 5.306 ng
RT: 14.79 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG032254.D
Acq: 24 Jan 2018 9:56

Tgt Ion:163 Resp: 56458
Ion Ratio Lower Upper
163 100
194 4.8 3.4 5.2
164 9.3 8.2 12.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.09 min Scan# 2520

Delta R.T. -0.00 min

Lab File: BG032254.D

Acq: 24 Jan 2018 9:56

Instrument :

BNA_G

ClientSampleId :

AB-10(0-2)

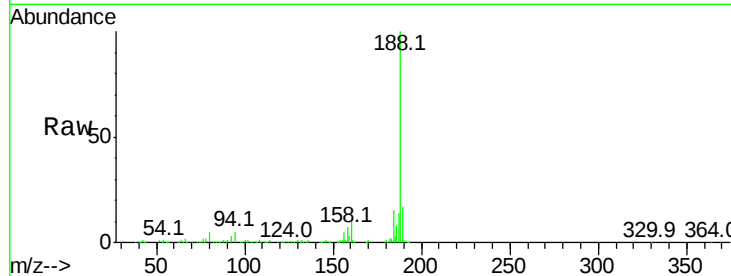
Tot Ion:188 Resp: 302933

Ion Ratio Lower Upper

188 100

94 4.6 6.9 10.3#

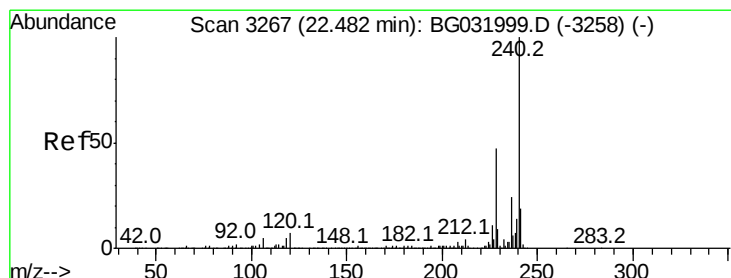
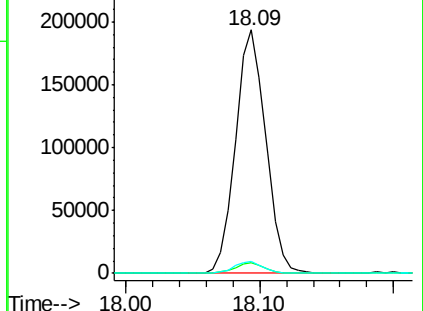
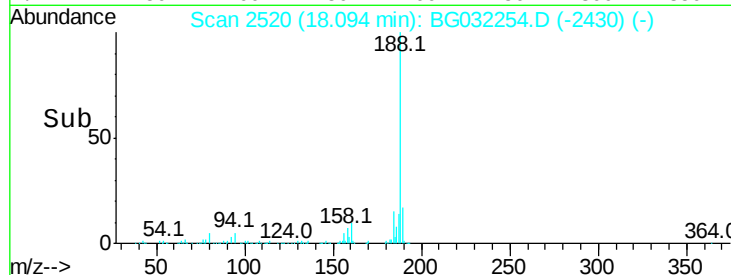
80 4.7 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.42 min Scan# 3257

Delta R.T. -0.01 min

Lab File: BG032254.D

Acq: 24 Jan 2018 9:56

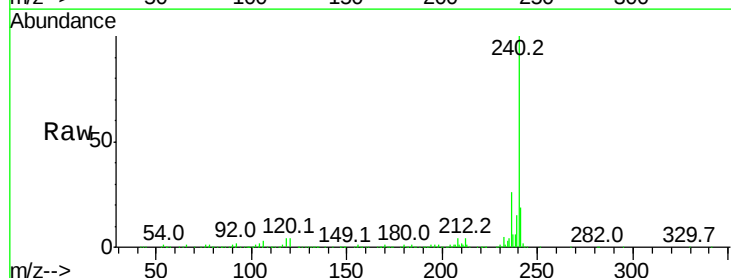
Tgt Ion:240 Resp: 388849

Ion Ratio Lower Upper

240 100

120 4.0 6.8 10.2#

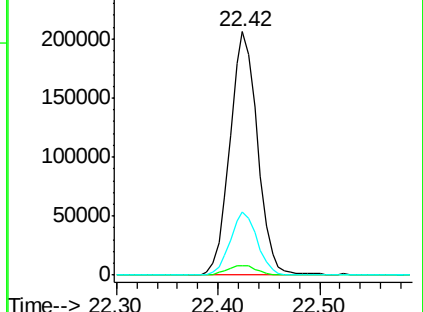
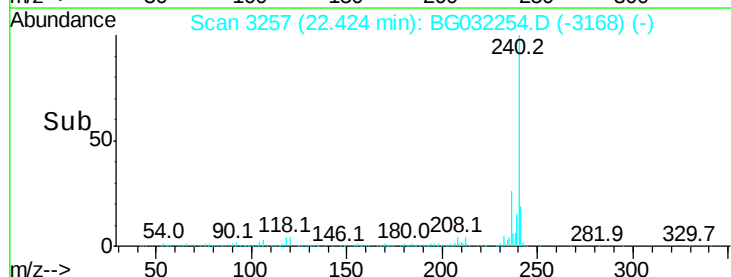
236 25.8 20.9 31.3

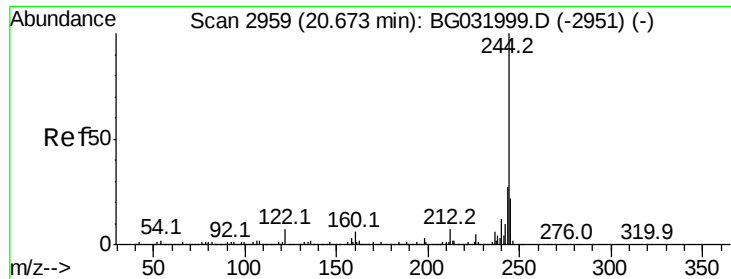


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 49.419 ng

RT: 20.63 min Scan# 2952

Delta R.T. -0.00 min

Lab File: BG032254.D

Acq: 24 Jan 2018 9:56

Instrument :

BNA_G

ClientSampleId :

AB-10(0-2)

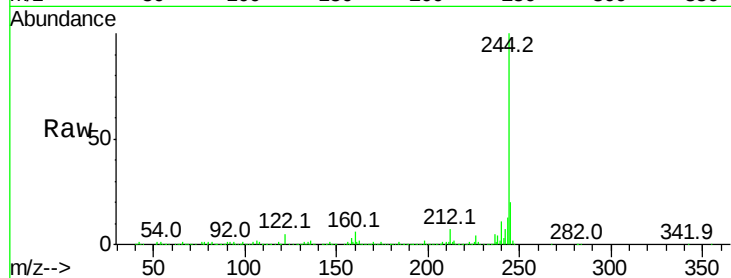
Tot Ion:244 Resp: 870290

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

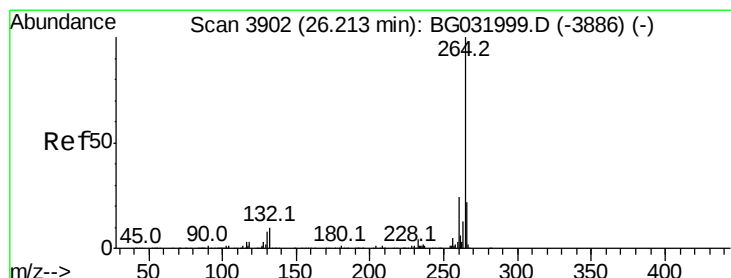
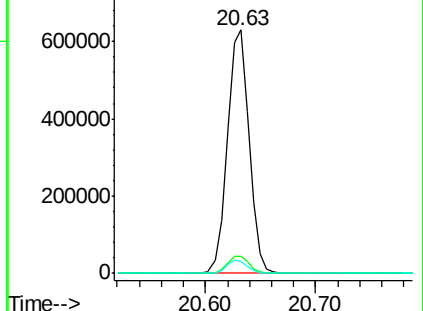
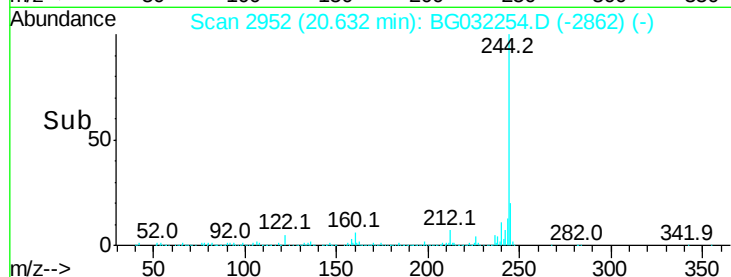
122 5.0 7.0 10.4#



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: 26.11 min Scan# 3885

Delta R.T. -0.01 min

Lab File: BG032254.D

Acq: 24 Jan 2018 9:56

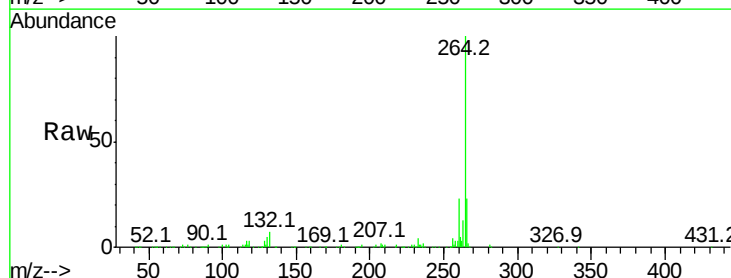
Tgt Ion:264 Resp: 406632

Ion Ratio Lower Upper

264 100

260 23.3 17.4 26.0

265 23.4 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

