

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071216\
 Data File : BG023060.D
 Acq On : 13 Jul 2016 7:28
 Operator : UM/SJ
 Sample : H3981-09
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C4.3-01

Quant Time: Jul 13 08:17:42 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 18:30:58 2016
 Response via : Initial Calibration

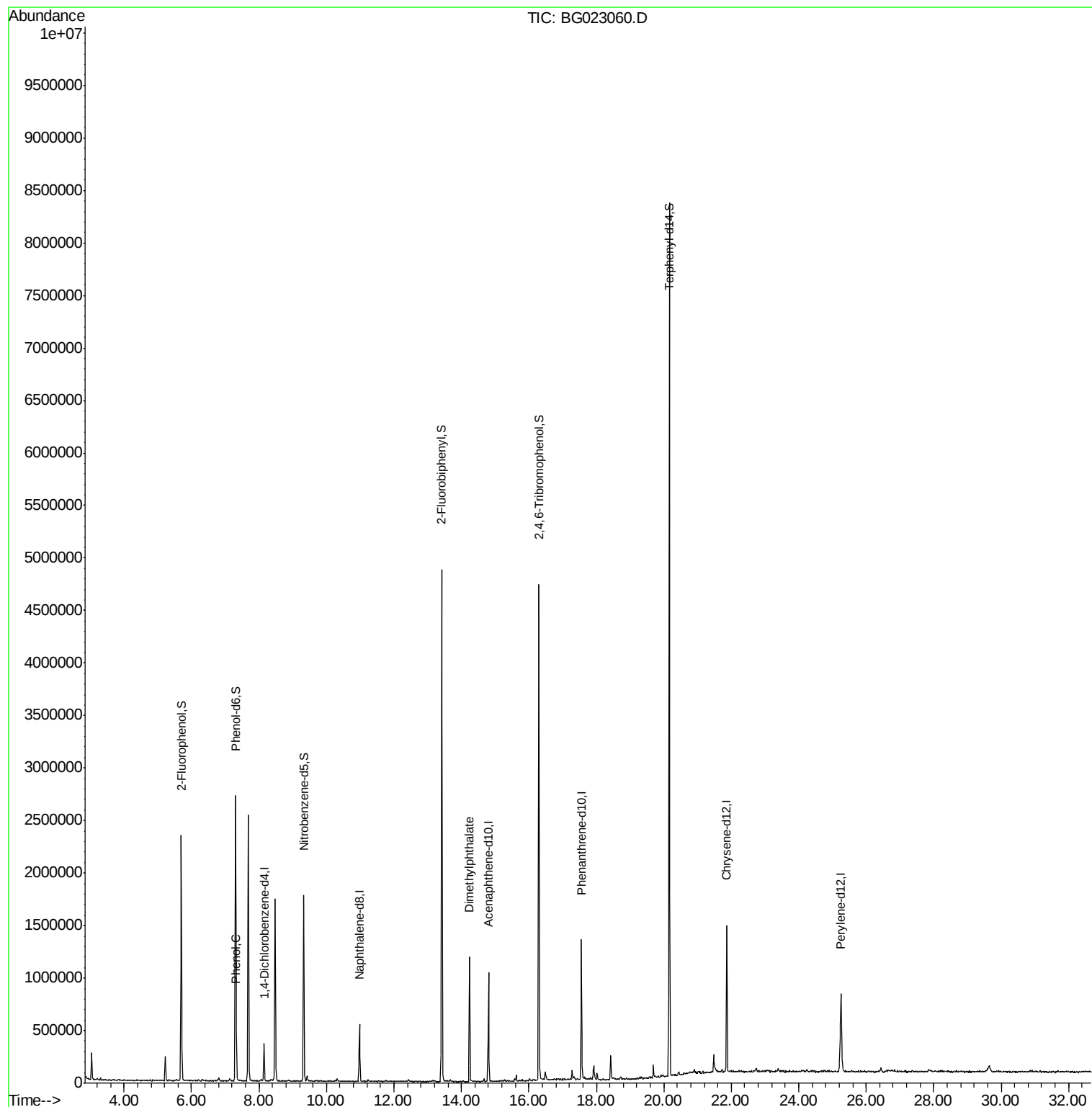
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	85172	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	434070	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	353120	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	819484	20.00	ng	0.00
75) Chrysene-d12	21.86	240	873880	20.00	ng	0.02
86) Perylene-d12	25.25	264	881255	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	931892	178.95	ng	0.00
7) Phenol-d6	7.31	99	1523193	186.75	ng	0.00
23) Nitrobenzene-d5	9.33	82	1127898	111.26	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	843208	132.86	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2342214	104.48	ng	0.00
78) Terphenyl-d14	20.16	244	3055512	153.03	ng	0.00
Target Compounds						
10) Phenol	7.33	94	27411	3.27	ng	89
49) Dimethylphthalate	14.24	163	731304	25.35	ng	100

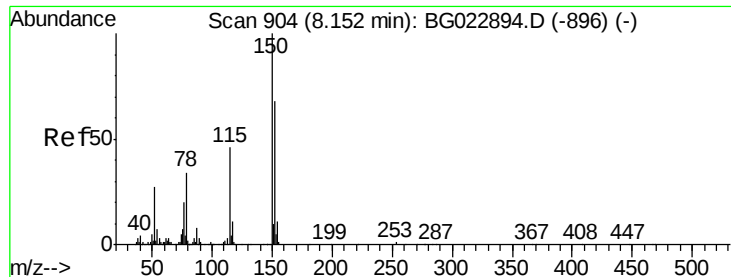
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071216\
Data File : BG023060.D
Acq On : 13 Jul 2016 7:28
Operator : UM/SJ
Sample : H3981-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C4.3-01

Quant Time: Jul 13 08:17:42 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 12 18:30:58 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 904

Delta R.T. -0.00 min

Lab File: BG023060.D

Acq: 13 Jul 2016 7:28

Instrument :

BNA_G

ClientSampleId :

C4.3-01

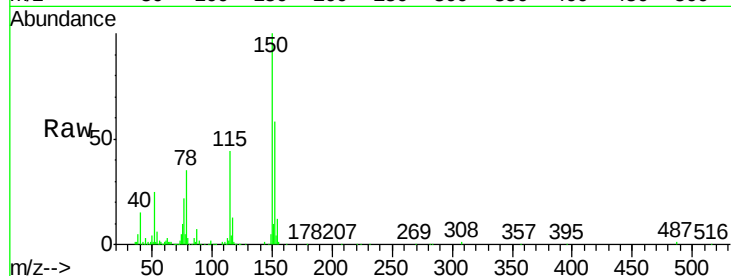
Tot Ion:152 Resp: 85172

Ion Ratio Lower Upper

152 100

150 172.6 144.7 217.1

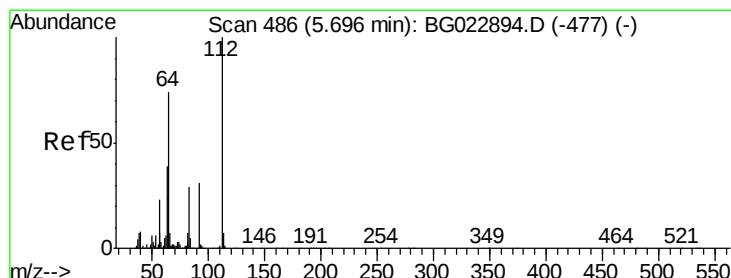
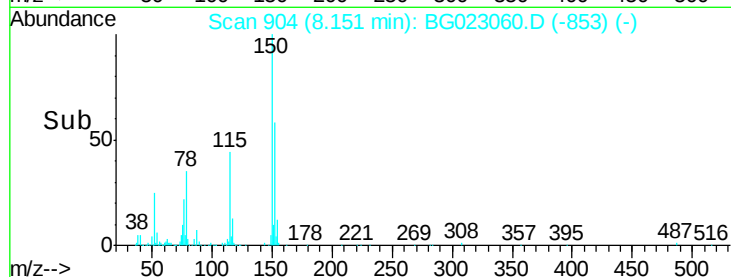
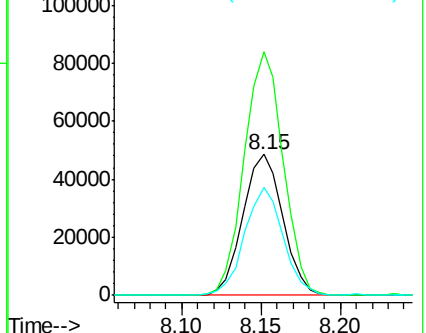
115 76.1 64.0 96.0



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: 178.95 ng

RT: 5.70 min Scan# 486

Delta R.T. 0.00 min

Lab File: BG023060.D

Acq: 13 Jul 2016 7:28

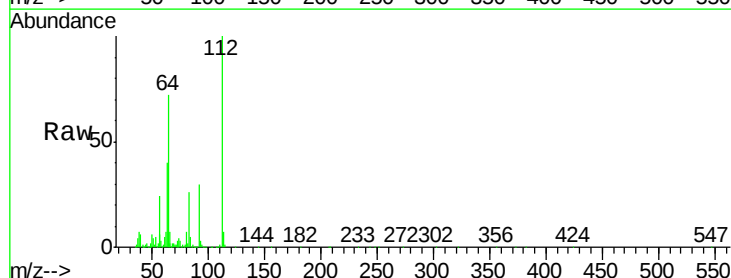
Tgt Ion:112 Resp: 931892

Ion Ratio Lower Upper

112 100

64 72.0 59.0 88.4

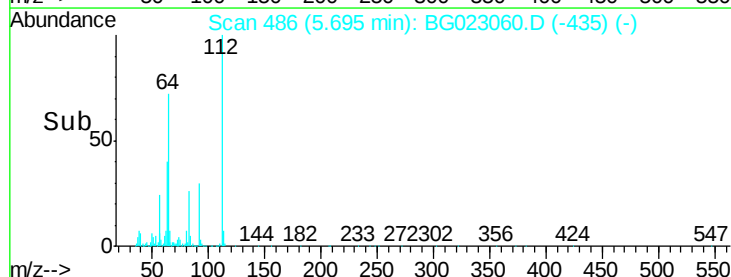
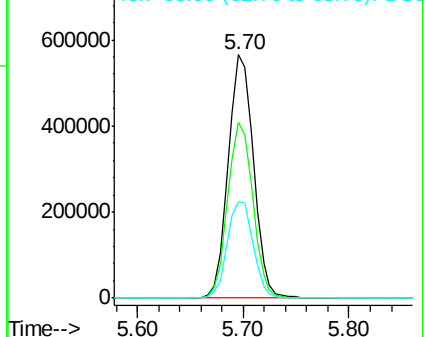
63 39.7 37.8 56.8

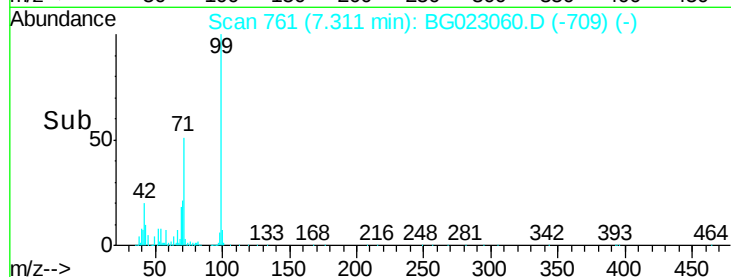
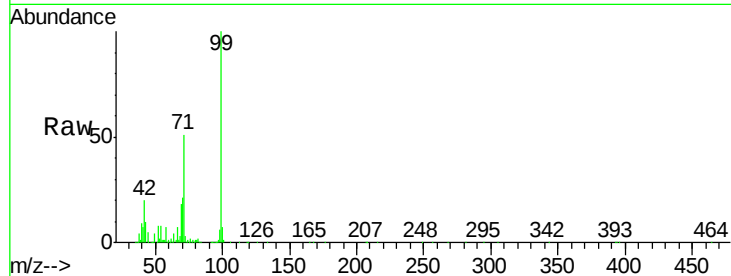
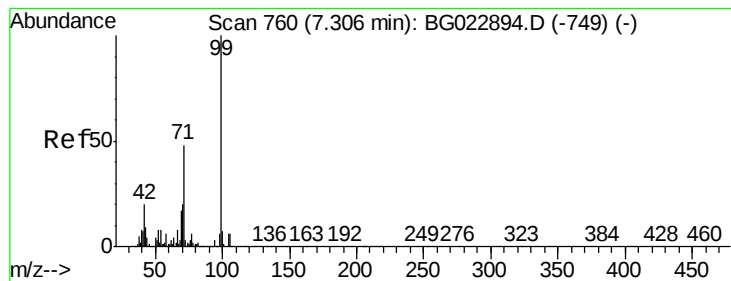


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 186.75 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.01 min

Lab File: BG023060.D

Acq: 13 Jul 2016 7:28

Instrument :

BNA_G

ClientSampled :

C4.3-01

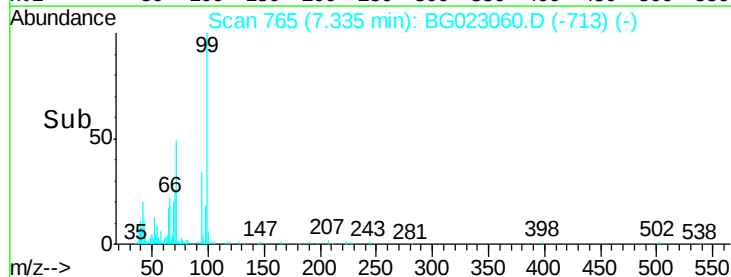
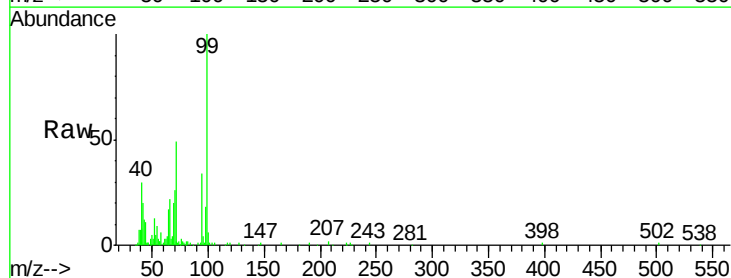
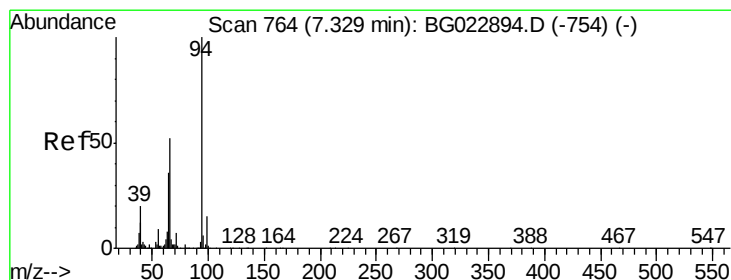
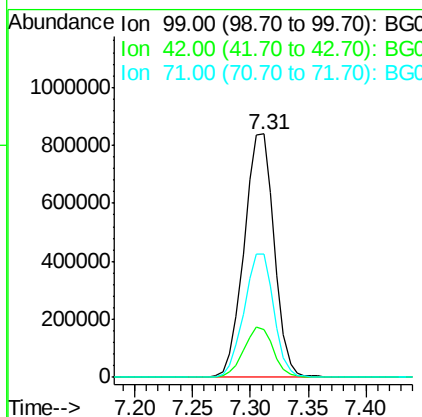
Tot Ion: 99 Resp: 1523193

Ion Ratio Lower Upper

99 100

42 19.8 17.8 26.6

71 50.6 41.5 62.3



#10

Phenol

Concen: 3.27 ng

RT: 7.33 min Scan# 765

Delta R.T. 0.01 min

Lab File: BG023060.D

Acq: 13 Jul 2016 7:28

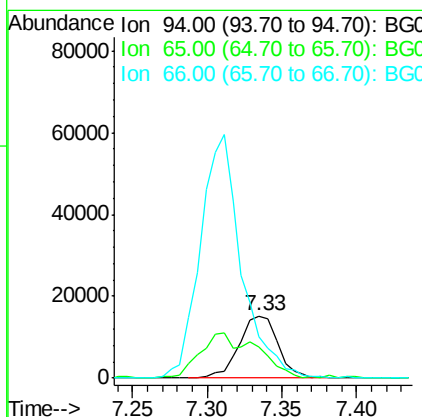
Tgt Ion: 94 Resp: 27411

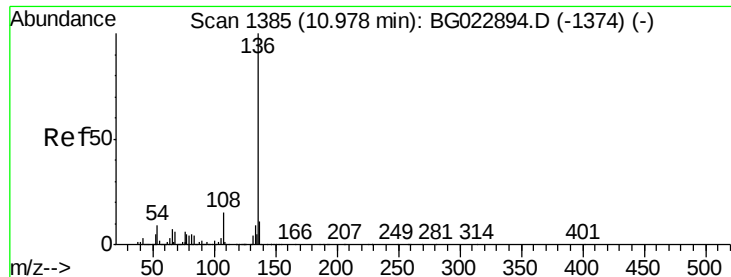
Ion Ratio Lower Upper

94 100

65 50.8 18.1 58.1

66 66.1 42.1 82.1

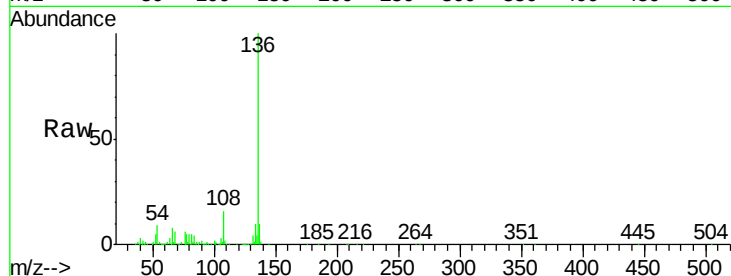




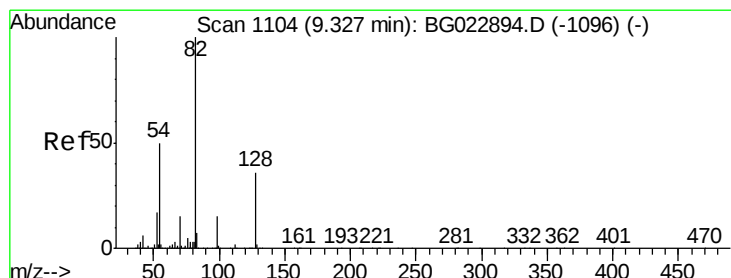
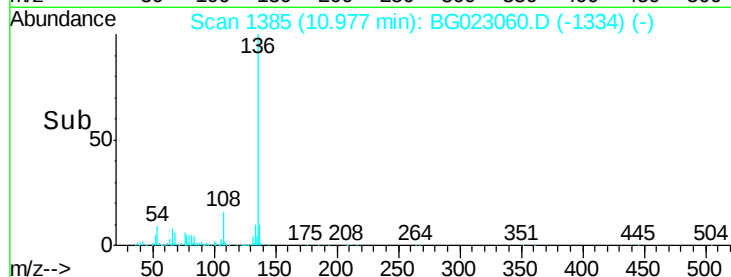
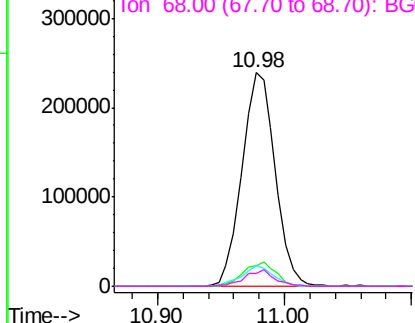
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1385
Delta R.T. -0.00 min
Lab File: BG023060.D
Acq: 13 Jul 2016 7:28

Instrument :
BNA_G
ClientSampleId :
C4.3-01

Tot Ion:136	Resp:	434070	
Ion Ratio	Lower	Upper	
136 100			
137 9.8	9.6	14.4	
54 9.4	7.3	10.9	
68 6.3	5.3	7.9	

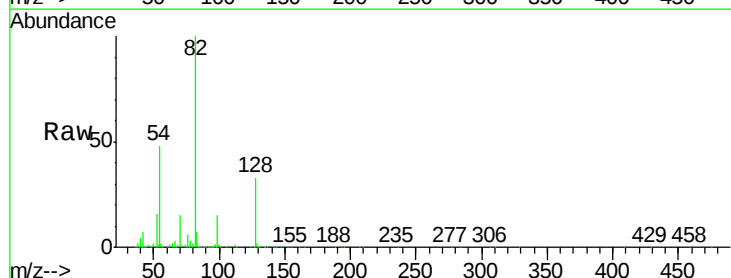


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

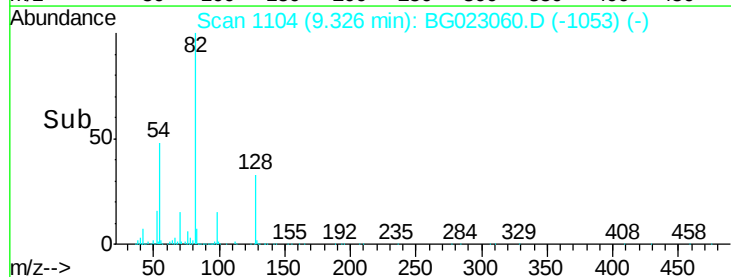
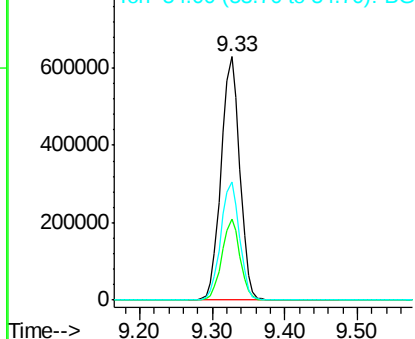


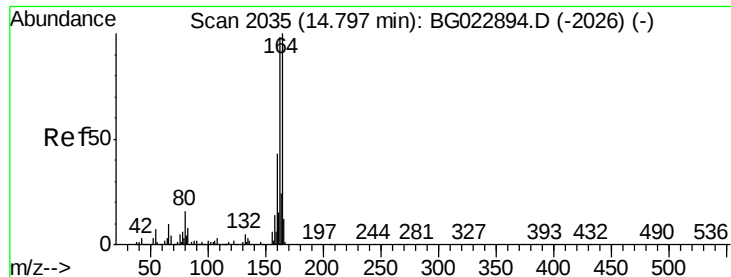
#23
Nitrobenzene-d5
Concen: 111.26 ng
RT: 9.33 min Scan# 1104
Delta R.T. -0.00 min
Lab File: BG023060.D
Acq: 13 Jul 2016 7:28

Tgt Ion: 82	Resp: 1127898
Ion Ratio	Lower Upper
82 100	
128 33.5	24.4 36.6
54 48.4	41.4 62.0



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: 14.80 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BG023060.D

Acq: 13 Jul 2016 7:28

Instrument :

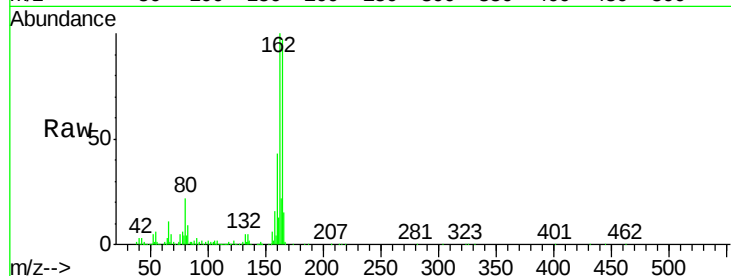
BNA_G

ClientSampleId :

C4.3-01

Tot Ion:164 Resp: 353120

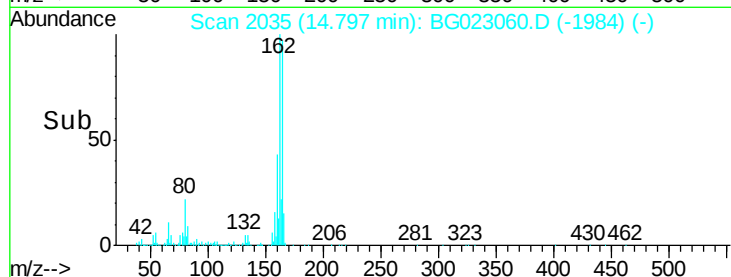
Ion	Ratio	Lower	Upper
164	100		
162	103.3	87.7	131.5
160	43.9	37.2	55.8



Abundance Ion 164.00 (163.70 to 164.70): E

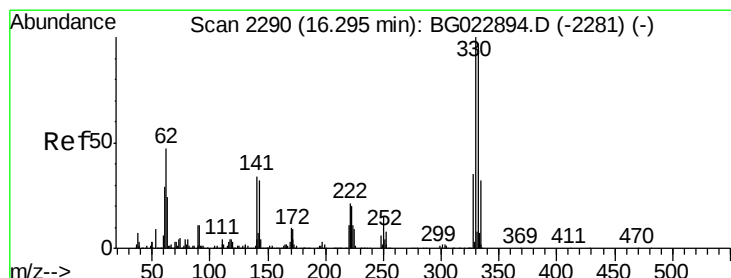
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time--> 14.70

14.80



#41

2,4,6-Tribromophenol

Concen: 132.86 ng

RT: 16.29 min Scan# 2290

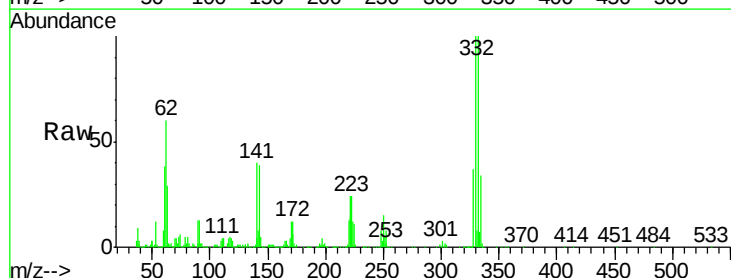
Delta R.T. -0.00 min

Lab File: BG023060.D

Acq: 13 Jul 2016 7:28

Tgt Ion:330 Resp: 843208

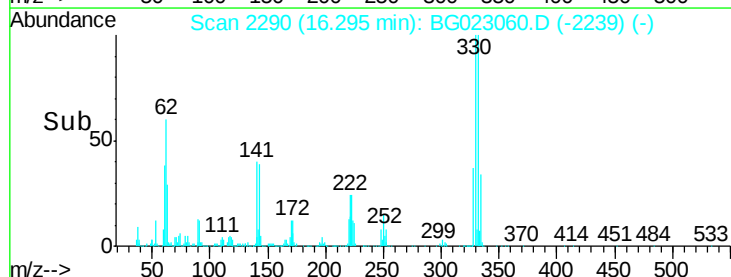
Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.4	116.2
141	39.3	31.7	47.5



Abundance Ion 329.80 (329.50 to 330.50): E

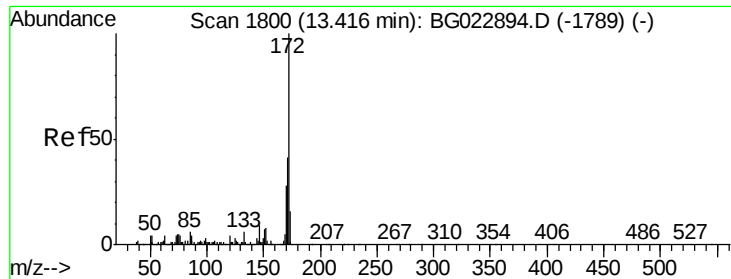
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time--> 16.20

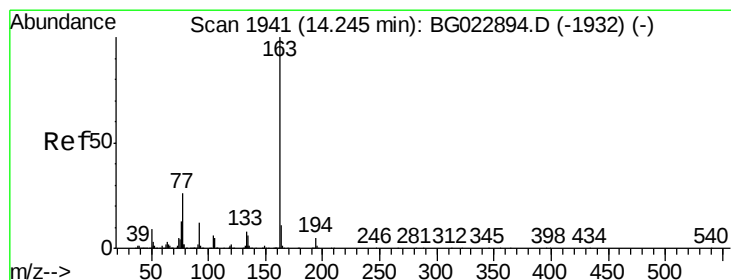
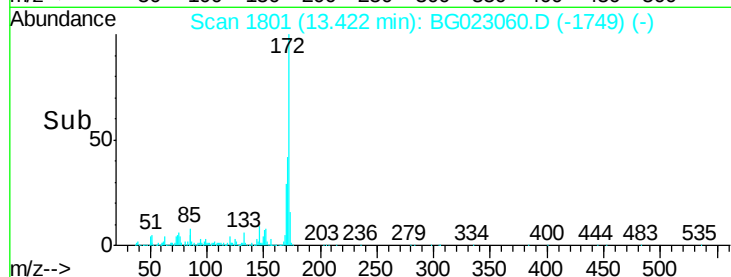
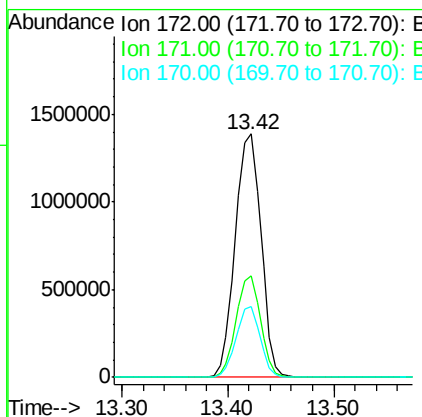
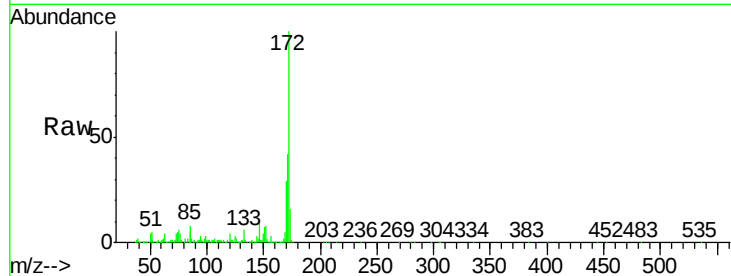
16.30



#44
2-Fluorobiphenyl
Concen: 104.48 ng
RT: 13.42 min Scan# 1801
Delta R.T. 0.01 min
Lab File: BG023060.D
Acq: 13 Jul 2016 7:28

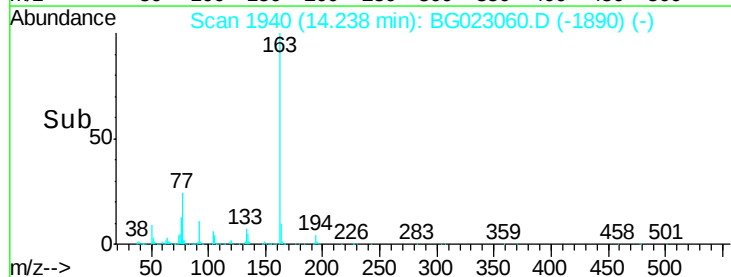
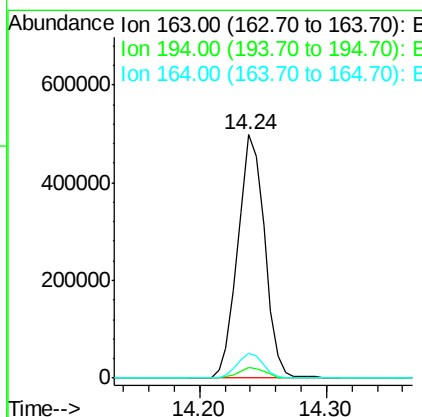
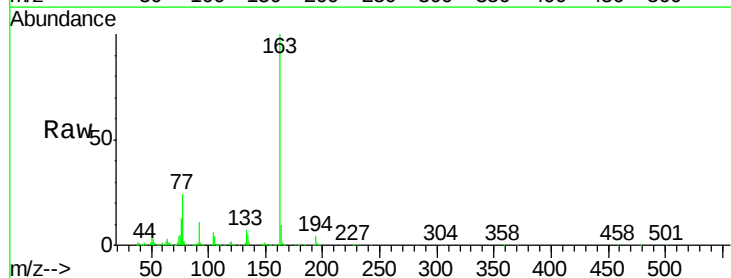
Instrument :
BNA_G
ClientSampleId :
C4.3-01

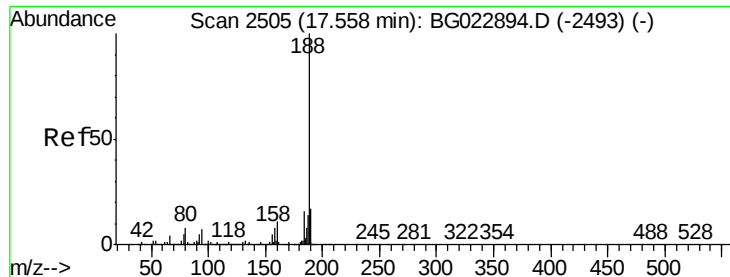
Tot Ion:172 Resp: 2342214
Ion Ratio Lower Upper
172 100
171 41.9 31.6 47.4
170 28.9 21.3 31.9



#49
Dimethylphthalate
Concen: 25.35 ng
RT: 14.24 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG023060.D
Acq: 13 Jul 2016 7:28

Tgt Ion:163 Resp: 731304
Ion Ratio Lower Upper
163 100
194 4.3 3.6 5.4
164 10.0 8.1 12.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2505

Delta R.T. -0.00 min

Lab File: BG023060.D

Acq: 13 Jul 2016 7:28

Instrument :

BNA_G

ClientSampleId :

C4.3-01

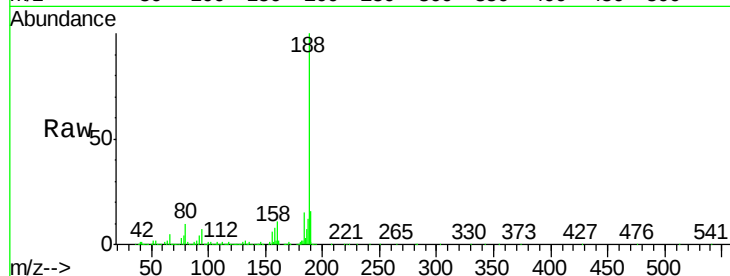
Tot Ion:188 Resp: 819484

Ion Ratio Lower Upper

188 100

94 7.3 5.2 7.8

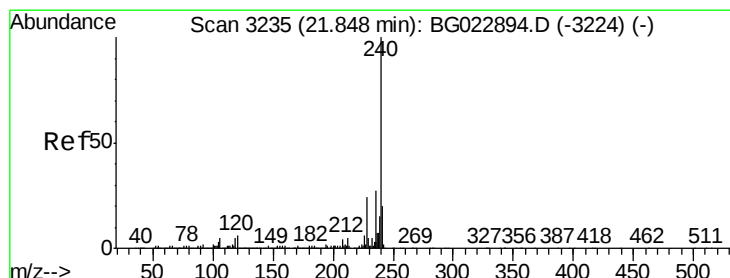
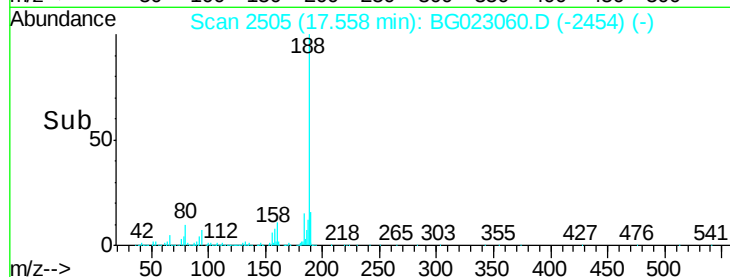
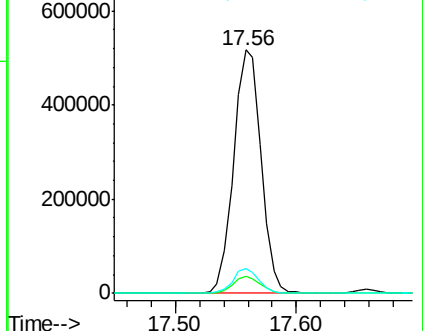
80 10.4 7.2 10.8



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: 21.86 min Scan# 3238

Delta R.T. 0.02 min

Lab File: BG023060.D

Acq: 13 Jul 2016 7:28

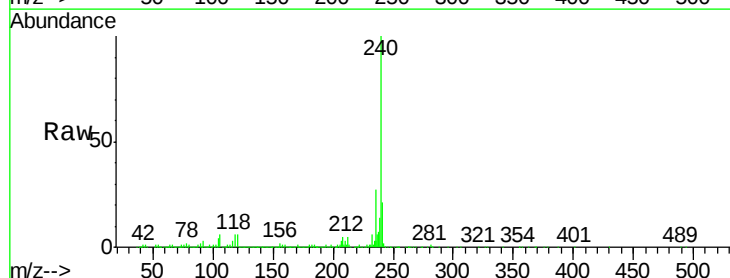
Tgt Ion:240 Resp: 873880

Ion Ratio Lower Upper

240 100

120 6.0 4.1 6.1

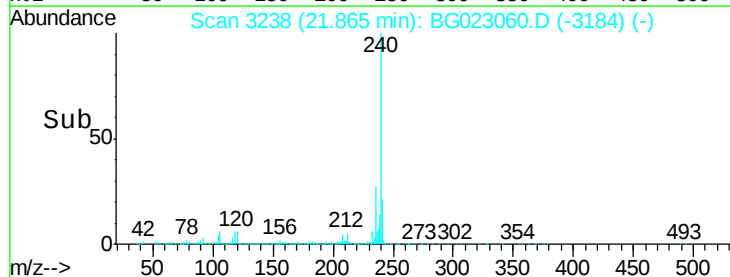
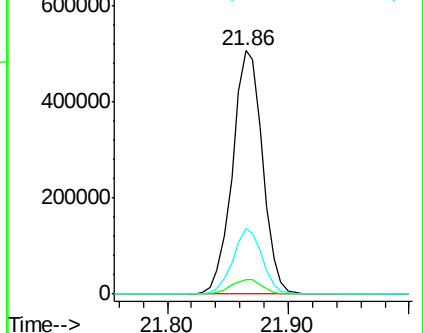
236 26.9 21.1 31.7

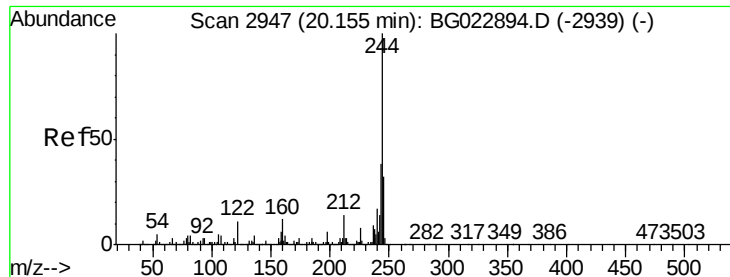


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 153.03 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.01 min

Lab File: BG023060.D

Acq: 13 Jul 2016 7:28

Instrument :

BNA_G

ClientSampleId :

C4.3-01

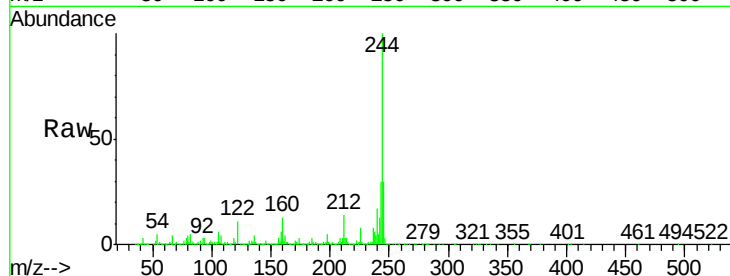
Tot Ion:244 Resp: 3055512

Ion Ratio Lower Upper

244 100

212 14.2 10.8 16.2

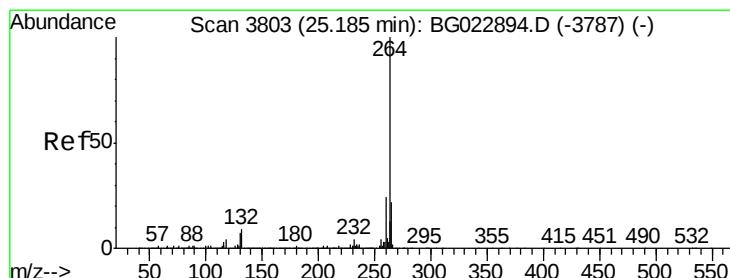
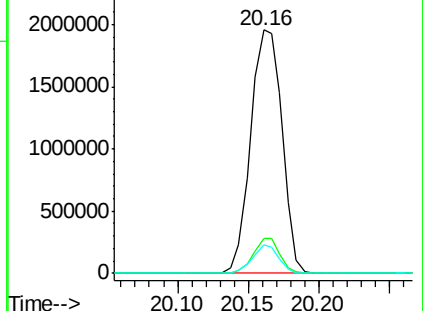
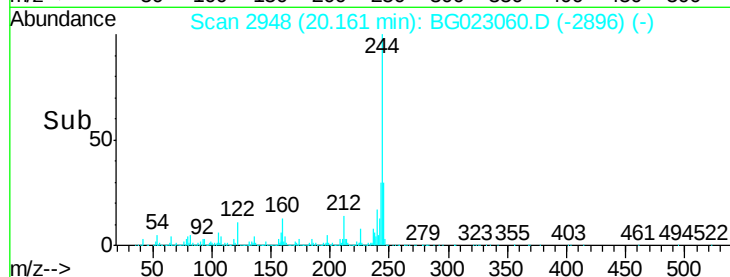
122 11.5 8.0 12.0



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: 25.25 min Scan# 3815

Delta R.T. 0.07 min

Lab File: BG023060.D

Acq: 13 Jul 2016 7:28

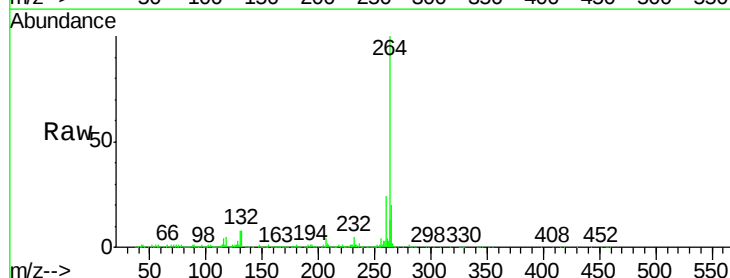
Tgt Ion:264 Resp: 881255

Ion Ratio Lower Upper

264 100

260 24.0 18.4 27.6

265 19.9 18.9 28.3



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

