

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041316\
 Data File : BG021643.D
 Acq On : 14 Apr 2016 6:55
 Operator : UM/SJ
 Sample : H2372-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GMW-9

Quant Time: Apr 14 11:45:38 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 15:48:13 2016
 Response via : Initial Calibration

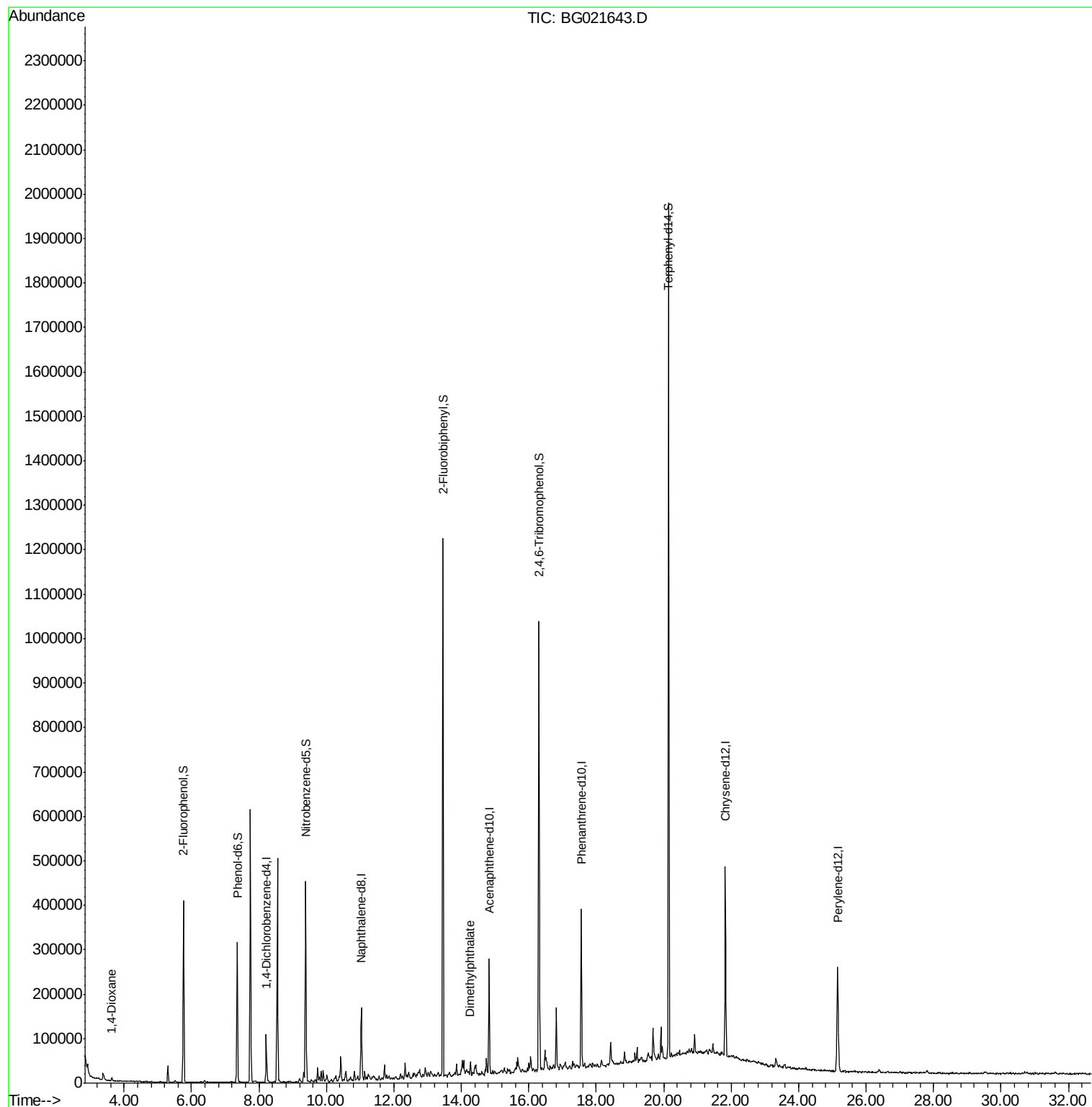
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	30121	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	140459	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	90662	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	218882	20.00	ng	0.00
75) Chrysene-d12	21.83	240	251961	20.00	ng	0.00
86) Perylene-d12	25.15	264	243646	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	178270	98.56	ng	0.00
7) Phenol-d6	7.36	99	185718	68.74	ng	0.00
23) Nitrobenzene-d5	9.38	82	277832	101.67	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	162608	166.42	ng	0.00
44) 2-Fluorobiphenyl	13.46	172	629539	101.74	ng	0.00
78) Terphenyl-d14	20.15	244	830077	82.20	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.64	88	3046	3.78	ng	Qvalue # 64
49) Dimethylphthalate	14.27	163	16002	2.04	ng	100

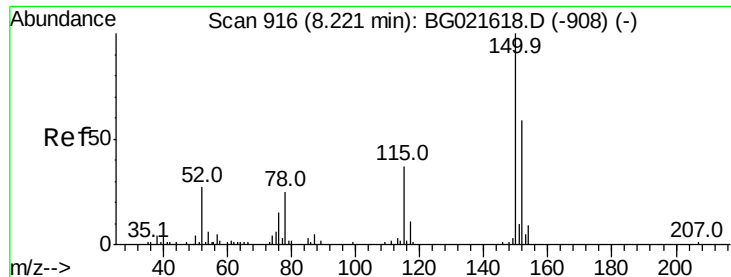
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Apr 13 15:48:13 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.21 min Scan# 915

Delta R.T. -0.01 min

Lab File: BG021643.D

Acq: 14 Apr 2016 6:55

Instrument :

BNA_G

ClientSampleId :

GMW-9

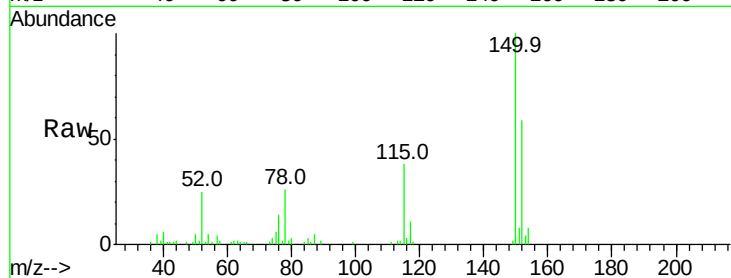
Tot Ion:152 Resp: 30121

Ion Ratio Lower Upper

152 100

150 170.0 130.1 195.1

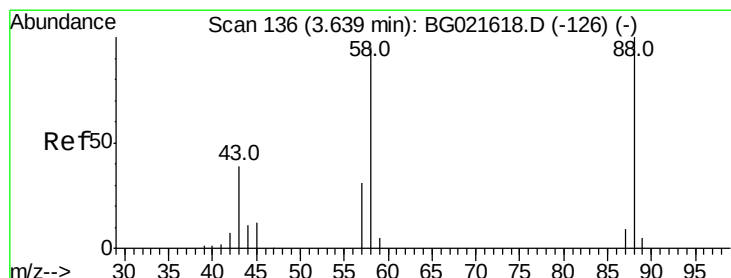
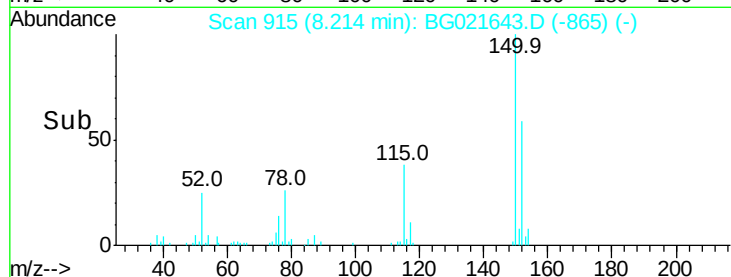
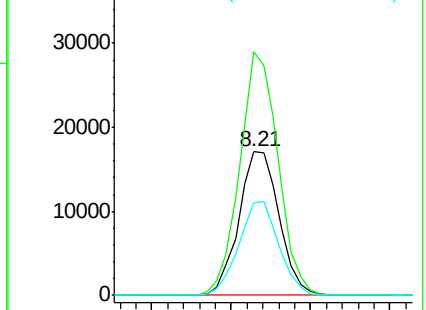
115 64.5 62.2 93.2



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



#2

1,4-Dioxane

Concen: 3.78 ng

RT: 3.64 min Scan# 136

Delta R.T. -0.00 min

Lab File: BG021643.D

Acq: 14 Apr 2016 6:55

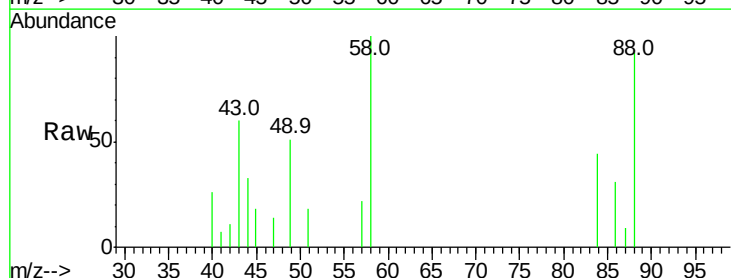
Tgt Ion: 88 Resp: 3046

Ion Ratio Lower Upper

88 100

58 100.4 61.8 92.8#

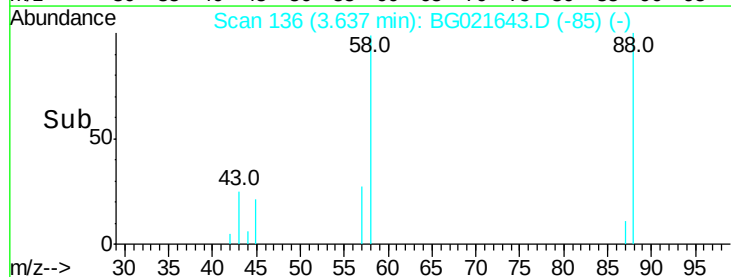
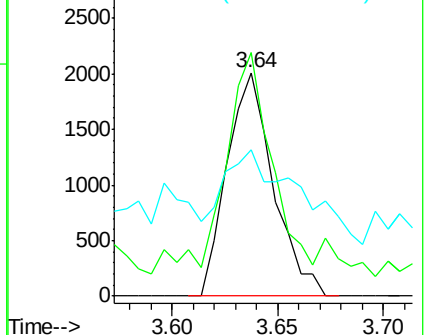
43 67.4 27.3 40.9#

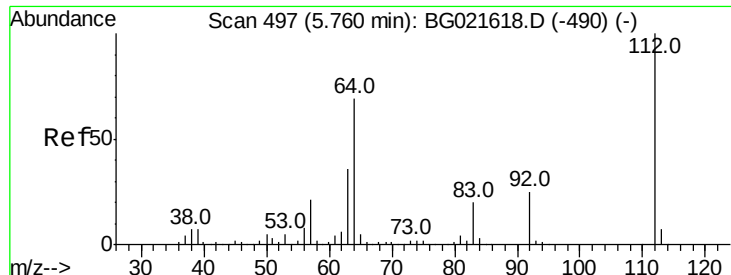


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 98.56 ng

RT: 5.76 min Scan# 498

Delta R.T. 0.01 min

Lab File: BG021643.D

Acq: 14 Apr 2016 6:55

Instrument :

BNA_G

ClientSampled :

GMW-9

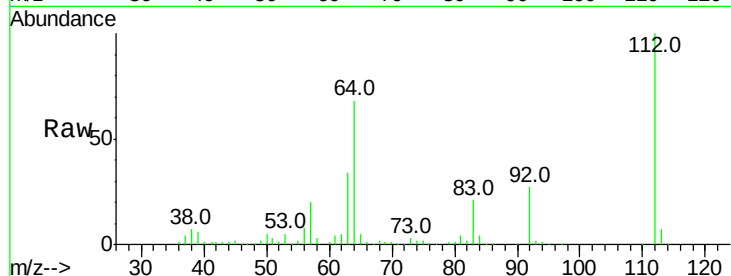
Tot Ion:112 Resp: 178270

Ion Ratio Lower Upper

112 100

64 67.7 51.1 76.7

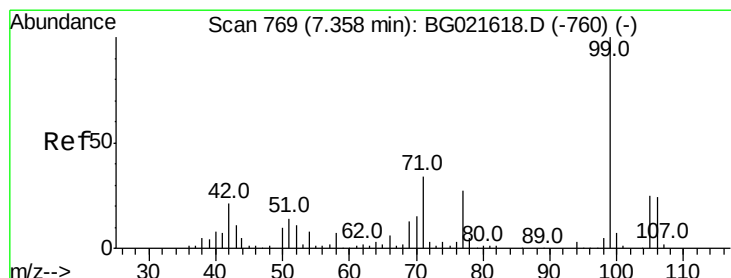
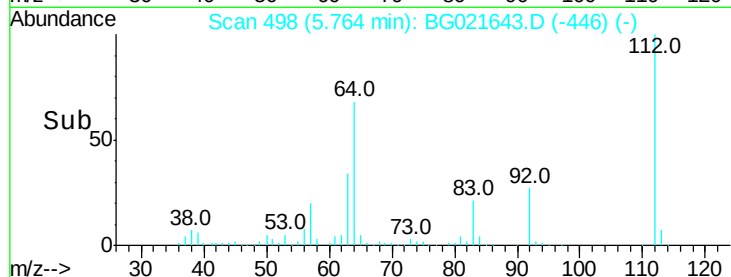
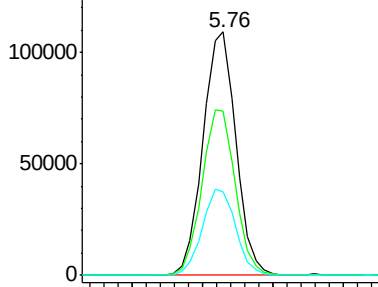
63 34.3 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 68.74 ng

RT: 7.36 min Scan# 769

Delta R.T. -0.00 min

Lab File: BG021643.D

Acq: 14 Apr 2016 6:55

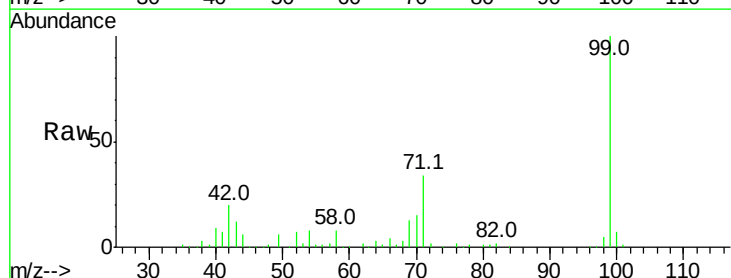
Tgt Ion: 99 Resp: 185718

Ion Ratio Lower Upper

99 100

42 20.0 16.4 24.6

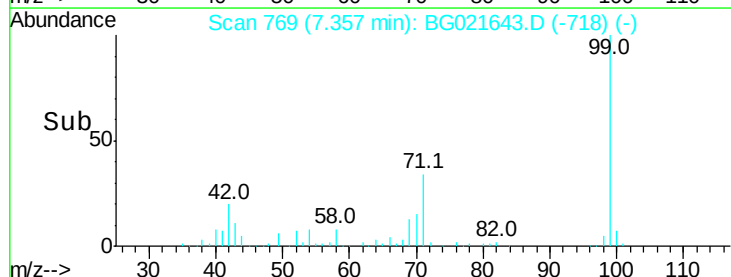
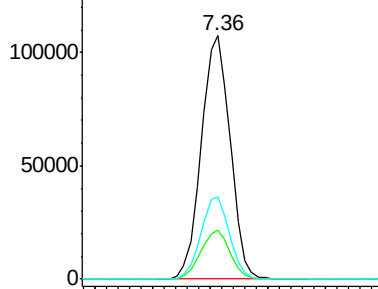
71 34.0 25.0 37.4

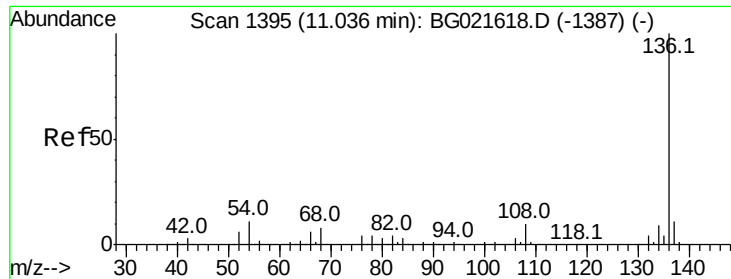


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC

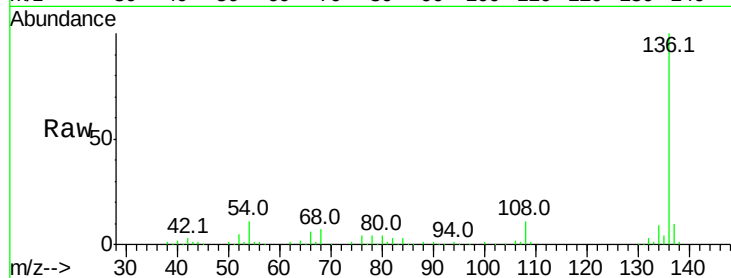




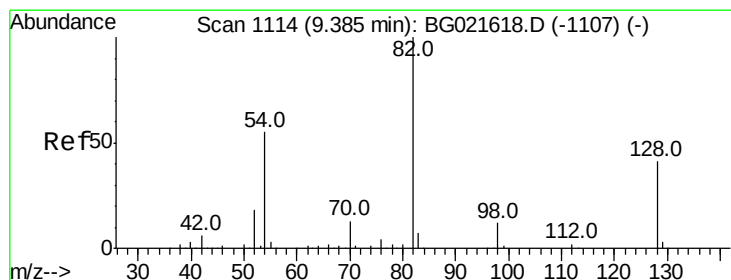
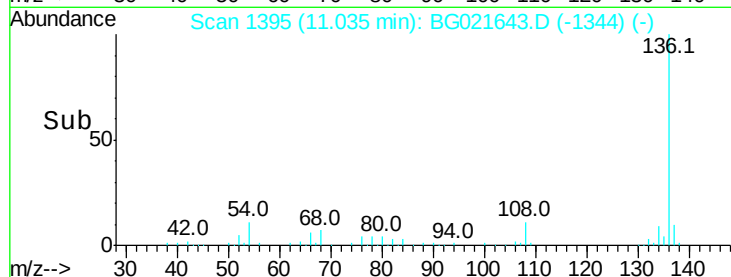
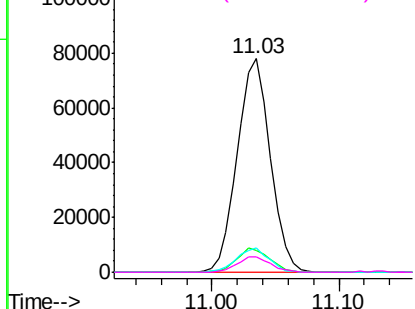
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BG021643.D
Acq: 14 Apr 2016 6:55

Instrument :
BNA_G
ClientSampleId :
GMW-9

Tot Ion:	136	Resp:	140459
Ion	Ratio	Lower	Upper
136	100		
137	10.0	9.0	13.4
54	11.4	9.6	14.4
68	7.0	6.4	9.6

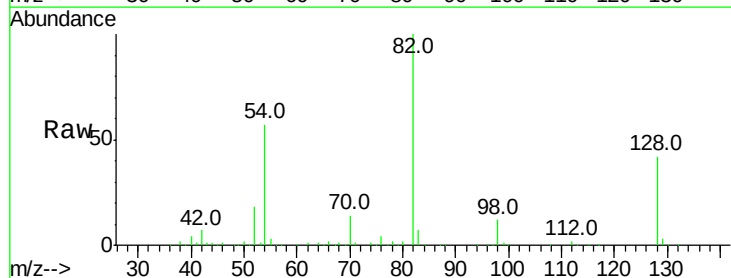


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

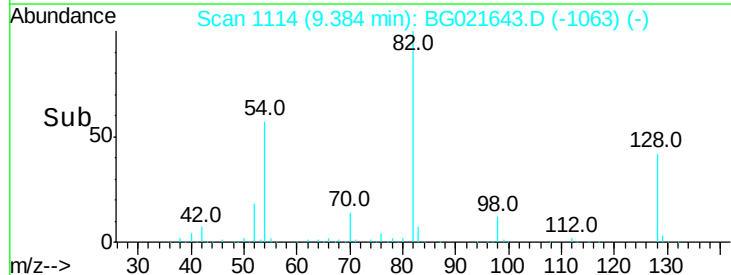
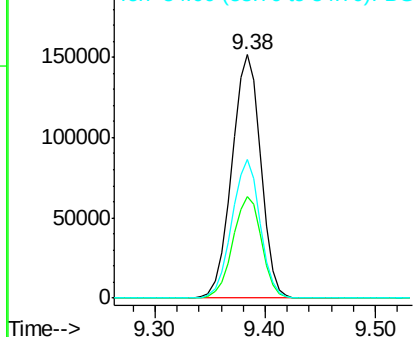


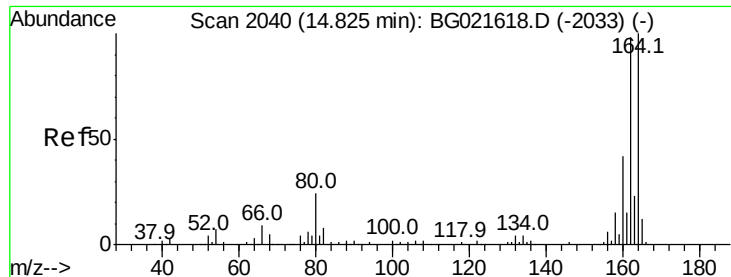
#23
Nitrobenzene-d5
Concen: 101.67 ng
RT: 9.38 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BG021643.D
Acq: 14 Apr 2016 6:55

Tgt Ion:	82	Resp:	277832
Ion	Ratio	Lower	Upper
82	100		
128	41.7	33.4	50.0
54	56.8	46.1	69.1



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: 14.82 min Scan# 2040

Delta R.T. -0.00 min

Lab File: BG021643.D

Acq: 14 Apr 2016 6:55

Instrument :

BNA_G

ClientSampleId :

GMW-9

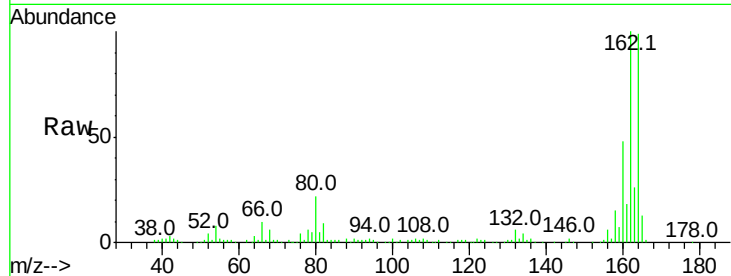
Tot Ion:164 Resp: 90662

Ion Ratio Lower Upper

164 100

162 101.3 78.0 117.0

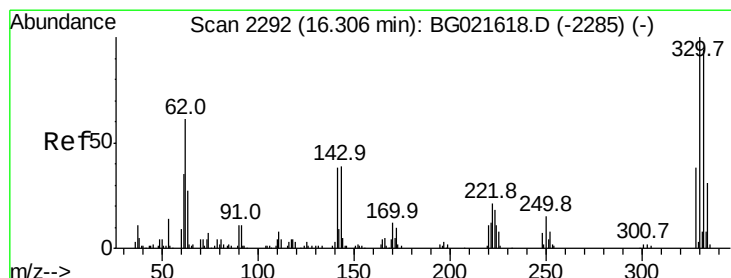
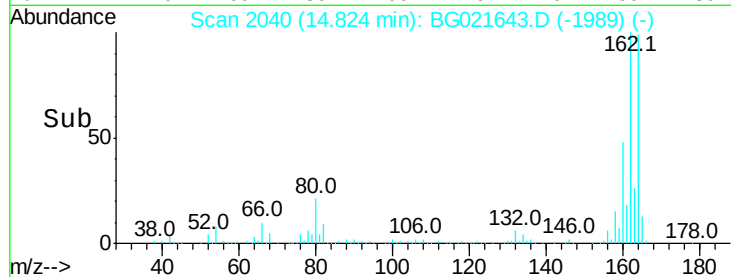
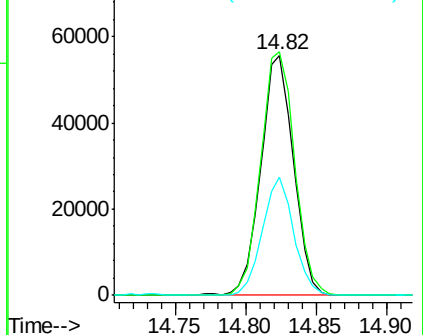
160 49.1 32.9 49.3



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: 166.42 ng

RT: 16.30 min Scan# 2291

Delta R.T. -0.01 min

Lab File: BG021643.D

Acq: 14 Apr 2016 6:55

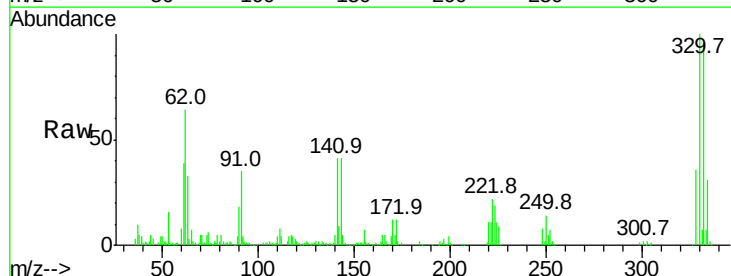
Tgt Ion:330 Resp: 162608

Ion Ratio Lower Upper

330 100

332 97.4 78.0 117.0

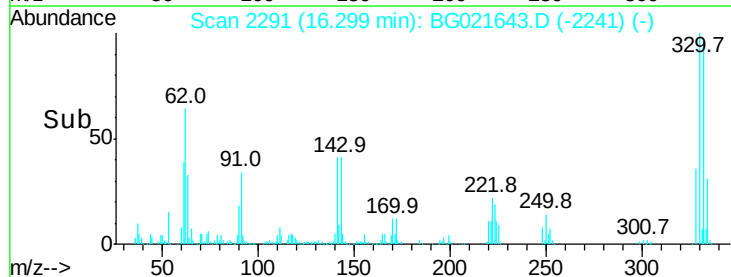
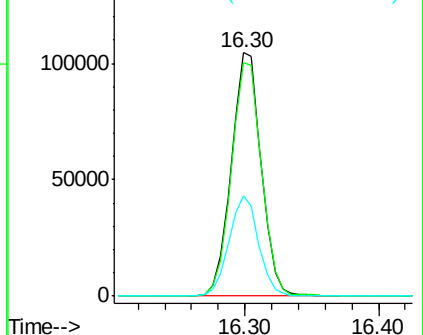
141 41.7 33.8 50.8

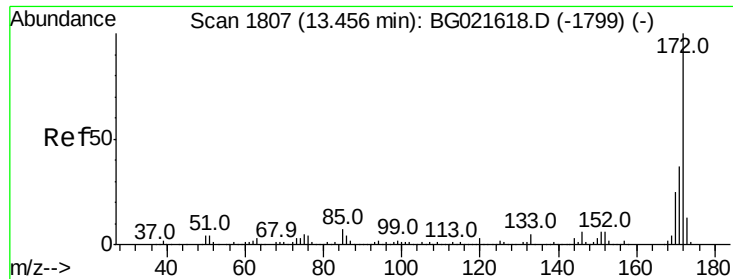


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

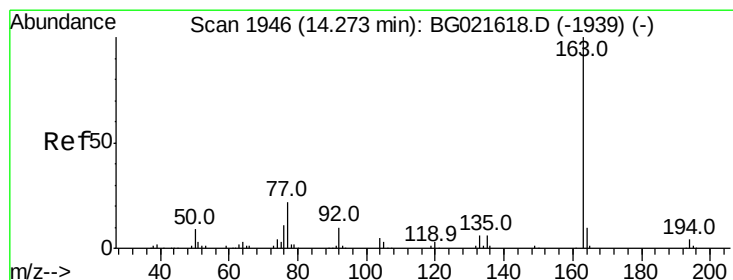
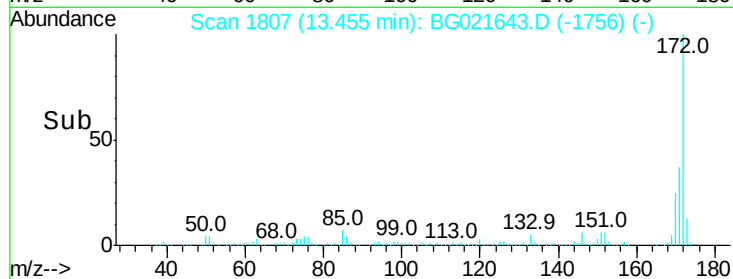
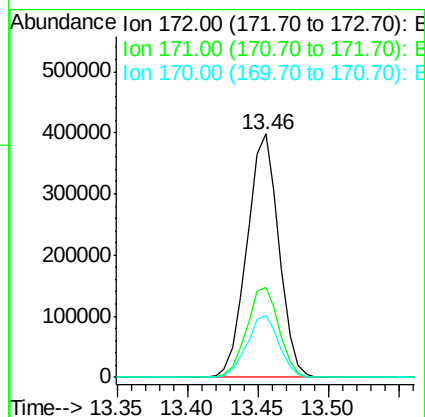
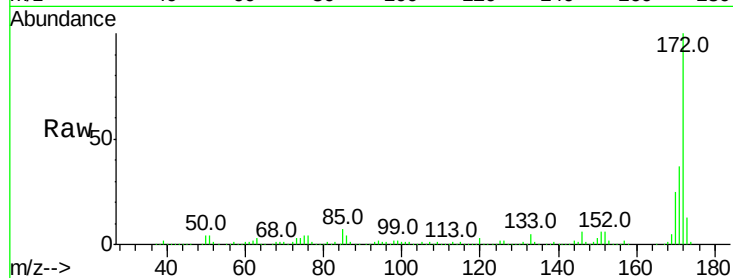




#44
2-Fluorobiphenyl
Concen: 101.74 ng
RT: 13.46 min Scan# 1807
Delta R.T. -0.00 min
Lab File: BG021643.D
Acq: 14 Apr 2016 6:55

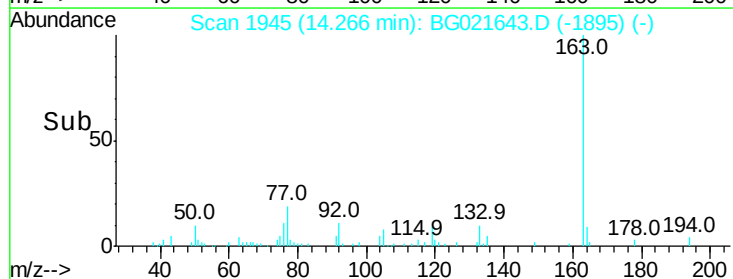
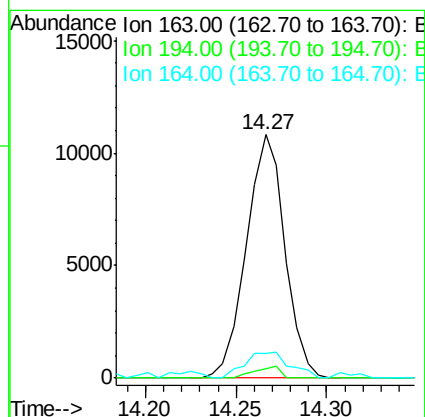
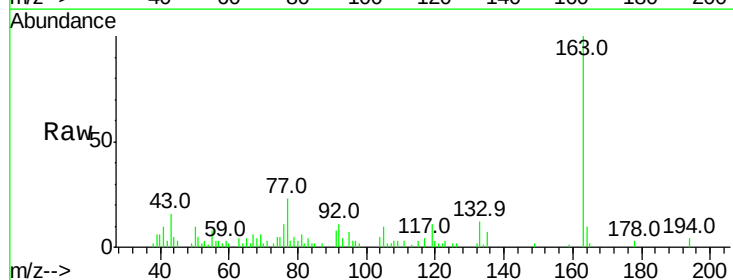
Instrument :
BNA_G
ClientSampleId :
GMW-9

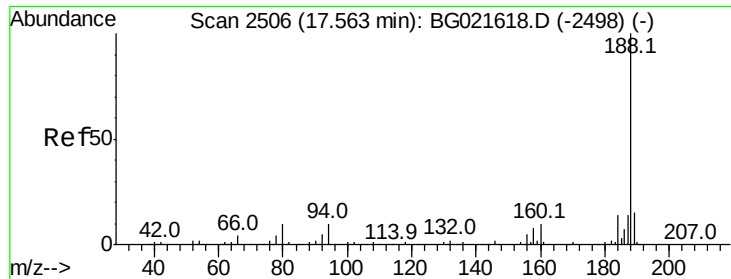
Tot Ion:172 Resp: 629539
Ion Ratio Lower Upper
172 100
171 37.2 27.8 41.6
170 25.5 19.6 29.4



#49
Dimethylphthalate
Concen: 2.04 ng
RT: 14.27 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BG021643.D
Acq: 14 Apr 2016 6:55

Tgt Ion:163 Resp: 16002
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.2 8.1 12.1

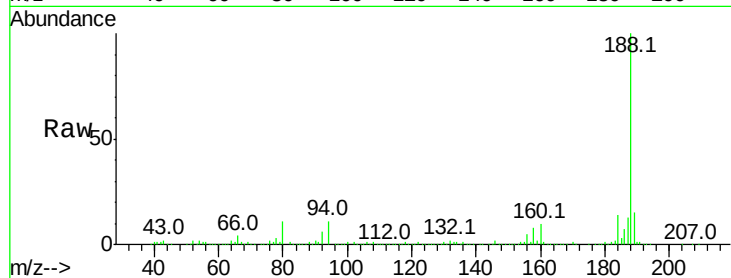




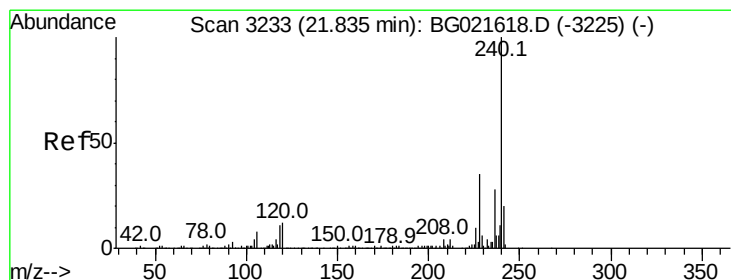
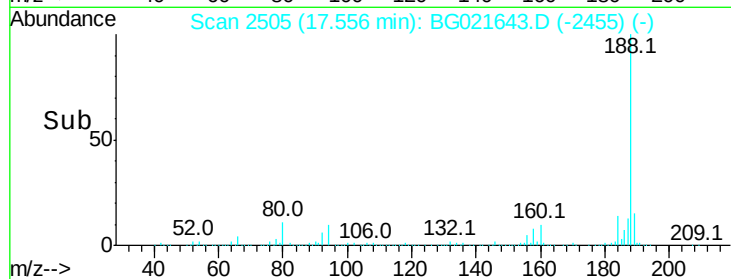
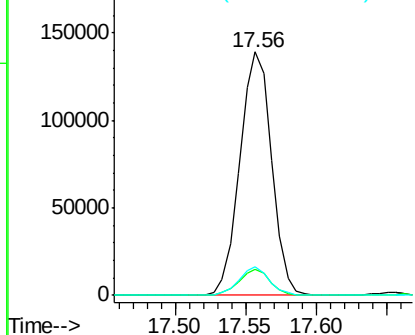
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.01 min
Lab File: BG021643.D
Acq: 14 Apr 2016 6:55

Instrument :
BNA_G
ClientSampleId :
GMW-9

Tot Ion:188 Resp: 218882
Ion Ratio Lower Upper
188 100
94 10.6 7.5 11.3
80 11.5 8.6 13.0

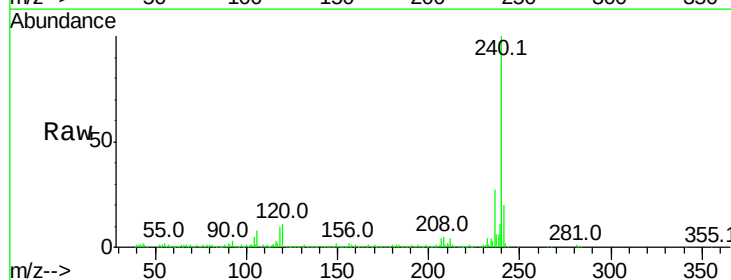


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

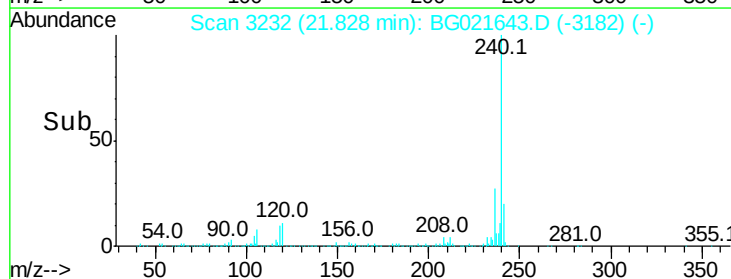
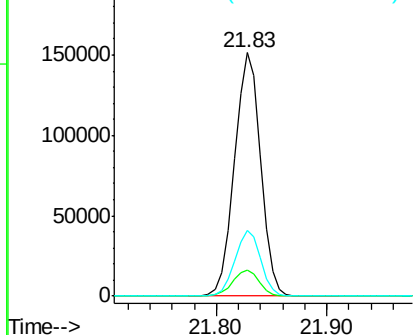


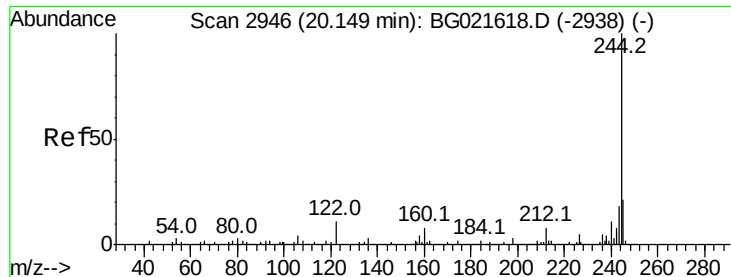
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.83 min Scan# 3232
Delta R.T. -0.01 min
Lab File: BG021643.D
Acq: 14 Apr 2016 6:55

Tgt Ion:240 Resp: 251961
Ion Ratio Lower Upper
240 100
120 10.9 8.4 12.6
236 26.7 19.6 29.4



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: 82.20 ng

RT: 20.15 min Scan# 2946

Delta R.T. -0.00 min

Lab File: BG021643.D

Acq: 14 Apr 2016 6:55

Instrument :

BNA_G

ClientSampleId :

GMW-9

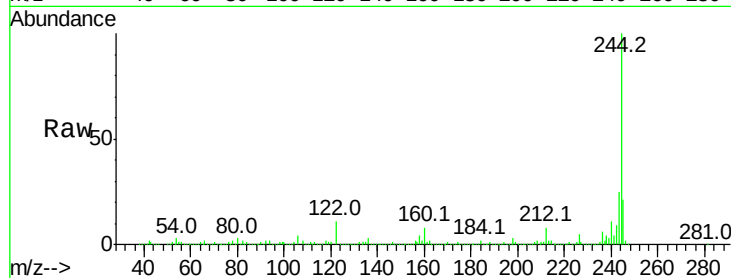
Tot Ion:244 Resp: 830077

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

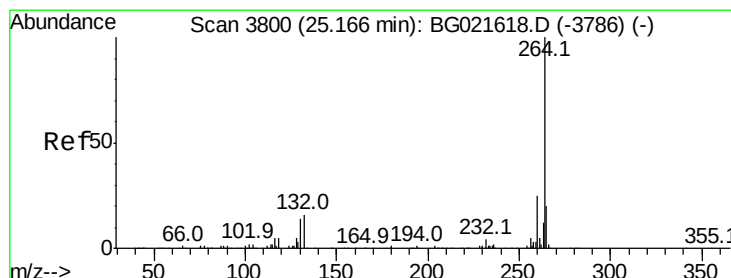
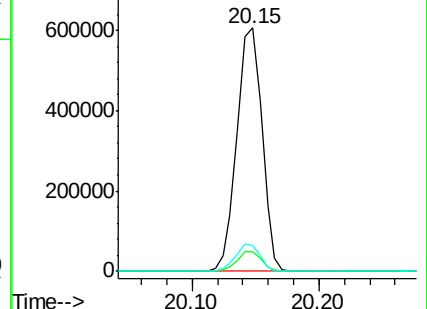
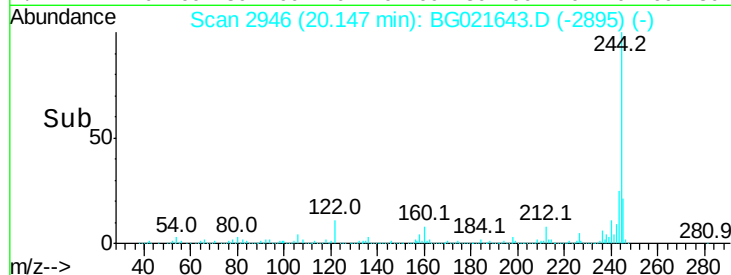
122 10.7 8.6 12.8



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: 25.15 min Scan# 3798

Delta R.T. -0.01 min

Lab File: BG021643.D

Acq: 14 Apr 2016 6:55

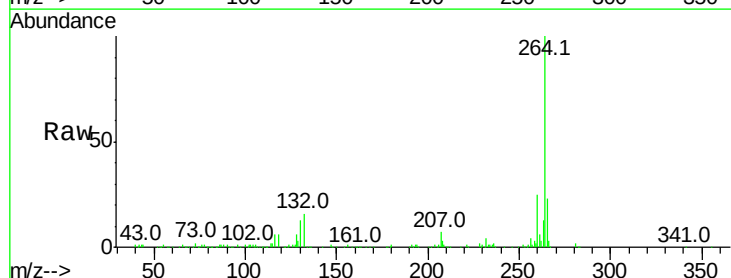
Tgt Ion:264 Resp: 243646

Ion Ratio Lower Upper

264 100

260 24.9 20.2 30.4

265 23.2 17.8 26.8



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

