

Data Path : Z:\HPCHEM1\BNA_G\Data\BG071216\
 Data File : BG023063.D
 Acq On : 13 Jul 2016 9:29
 Operator : UM/SJ
 Sample : H3980-17
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C4.1-04

Quant Time: Jul 13 13:34:14 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

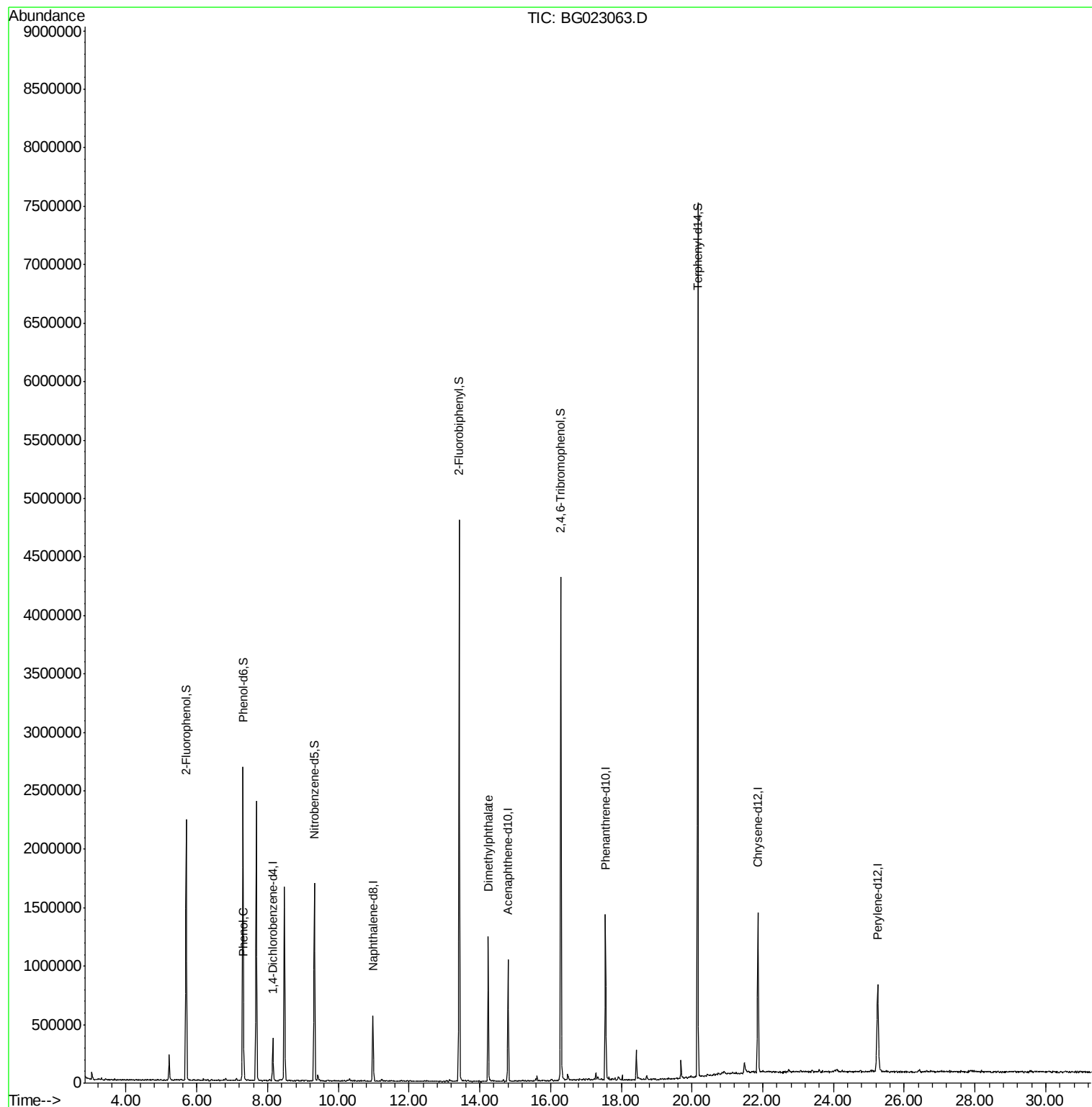
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	92960	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	447944	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	350887	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	822026	20.00	ng	0.00
75) Chrysene-d12	21.86	240	888854	20.00	ng	0.01
86) Perylene-d12	25.25	264	899191	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	892742	157.07	ng	0.00
7) Phenol-d6	7.31	99	1482302	166.51	ng	0.00
23) Nitrobenzene-d5	9.32	82	1086737	103.88	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	809319	128.34	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2194136	98.49	ng	0.00
78) Terphenyl-d14	20.16	244	2870147	120.06	ng	0.00
Target Compounds						
10) Phenol	7.33	94	28481	3.11	ng	91
49) Dimethylphthalate	14.24	163	765955	26.72	ng	100

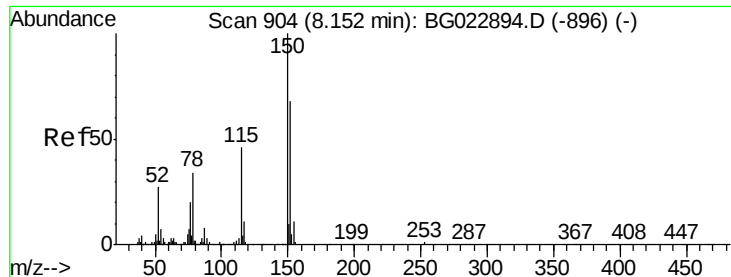
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 904

Delta R.T. -0.00 min

Lab File: BG023063.D

Acq: 13 Jul 2016 9:29

Instrument :

BNA_G

ClientSampleId :

C4.1-04

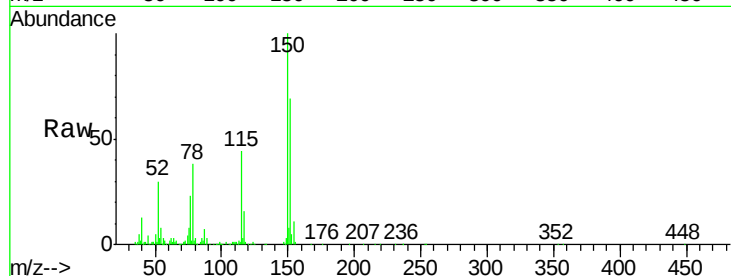
Tgt Ion:152 Resp: 92960

Ion Ratio Lower Upper

152 100

150 145.1 144.7 217.1

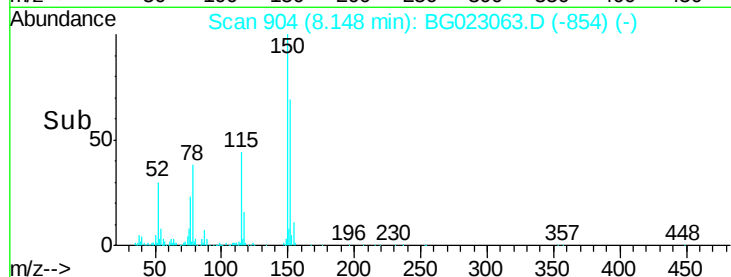
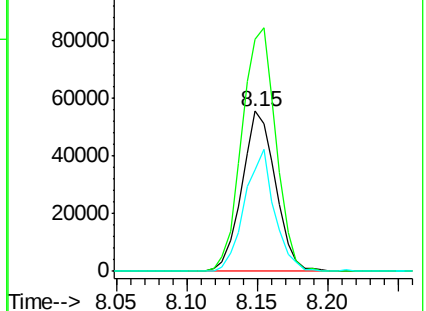
115 63.4 64.0 96.0#



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: 157.07 ng

RT: 5.70 min Scan# 487

Delta R.T. 0.00 min

Lab File: BG023063.D

Acq: 13 Jul 2016 9:29

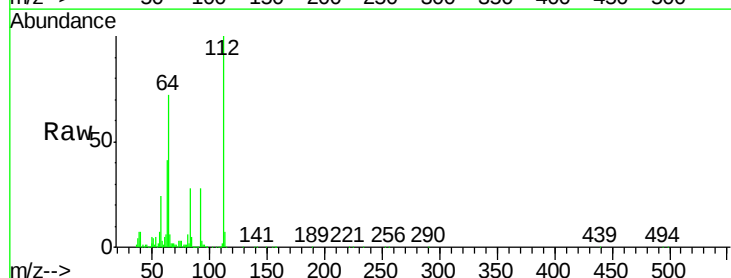
Tgt Ion:112 Resp: 892742

Ion Ratio Lower Upper

112 100

64 72.3 59.0 88.4

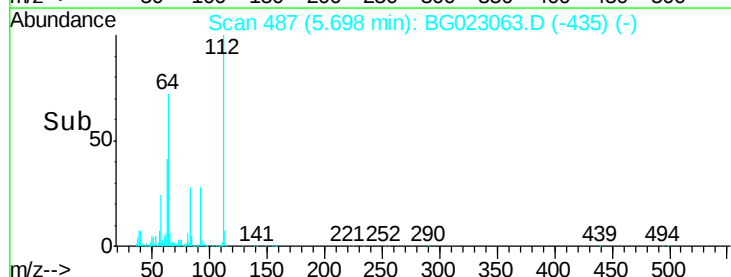
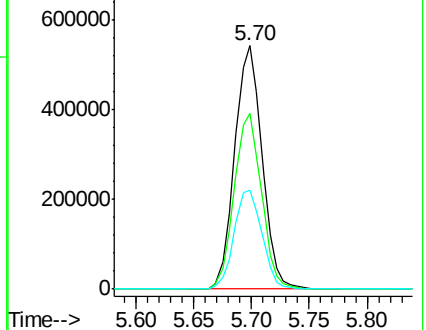
63 40.6 37.8 56.8

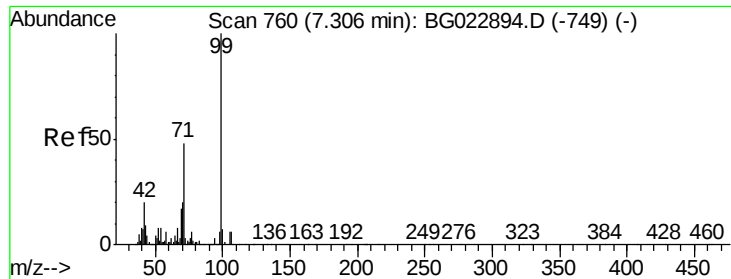


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 166.51 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG023063.D

Acq: 13 Jul 2016 9:29

Instrument :

BNA_G

ClientSampled :

C4.1-04

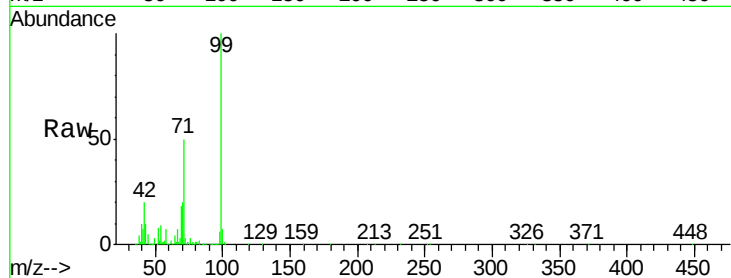
Tgt Ion: 99 Resp: 1482302

Ion Ratio Lower Upper

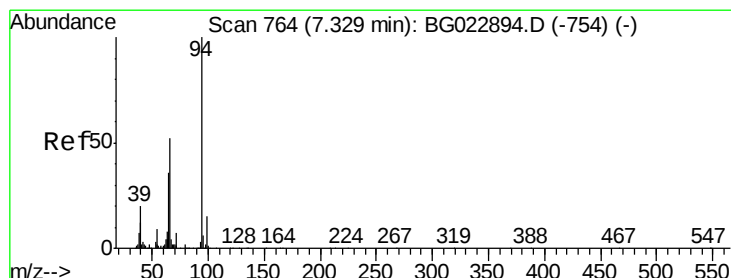
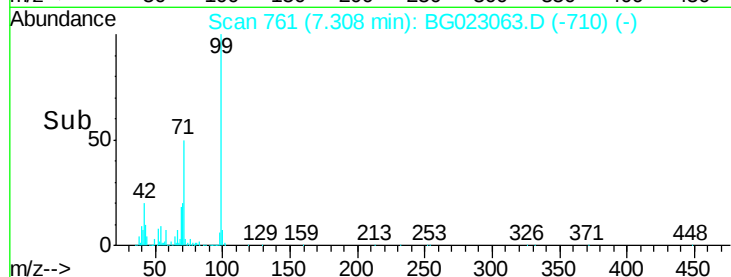
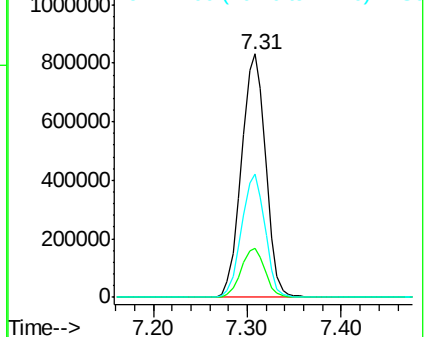
99 100

42 20.4 17.8 26.6

71 50.5 41.5 62.3



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



#10

Phenol

Concen: 3.11 ng

RT: 7.33 min Scan# 765

Delta R.T. 0.00 min

Lab File: BG023063.D

Acq: 13 Jul 2016 9:29

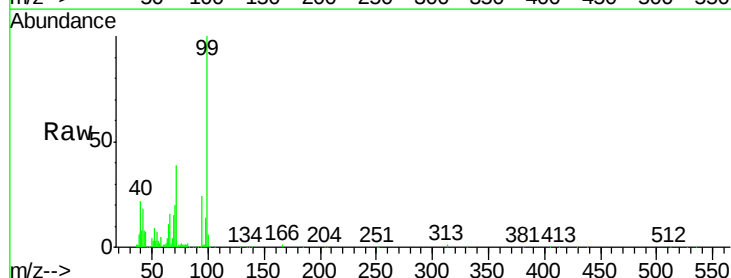
Tgt Ion: 94 Resp: 28481

Ion Ratio Lower Upper

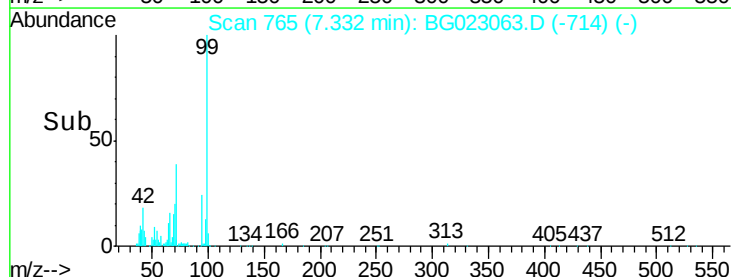
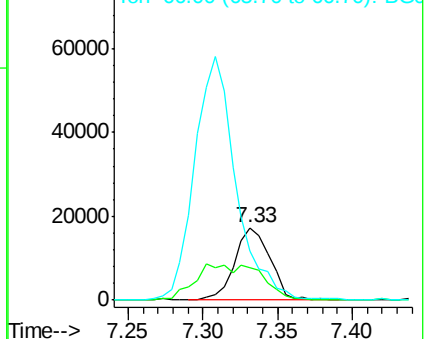
94 100

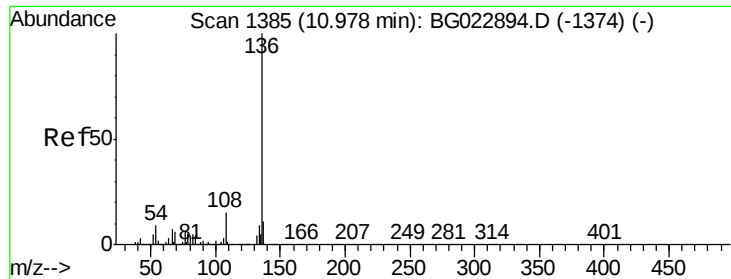
65 45.1 18.1 58.1

66 68.4 42.1 82.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

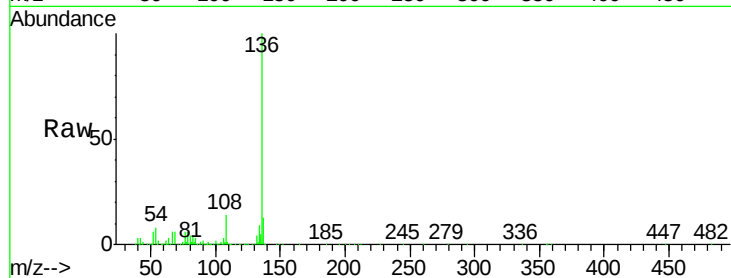




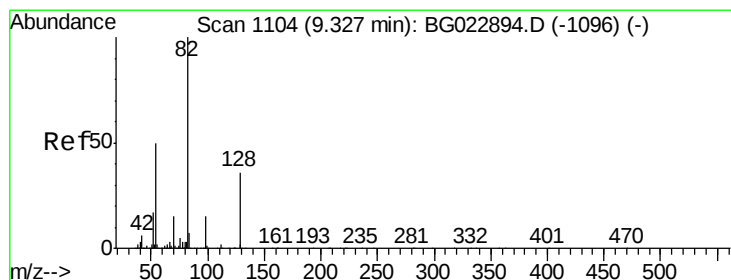
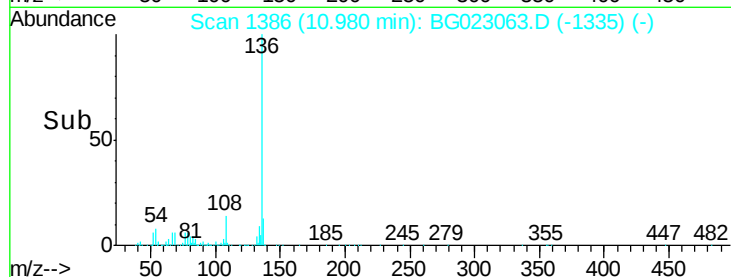
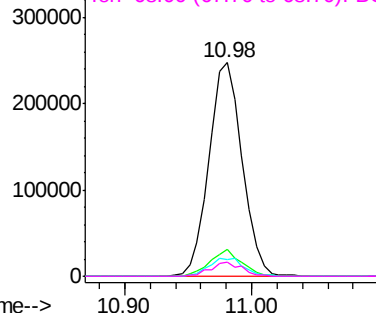
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. 0.00 min
Lab File: BG023063.D
Acq: 13 Jul 2016 9:29

Instrument :
BNA_G
ClientSampleId :
C4.1-04

Tgt Ion:	136	Resp:	447944
Ion	Ratio	Lower	Upper
136	100		
137	12.8	9.6	14.4
54	7.6	7.3	10.9
68	6.4	5.3	7.9

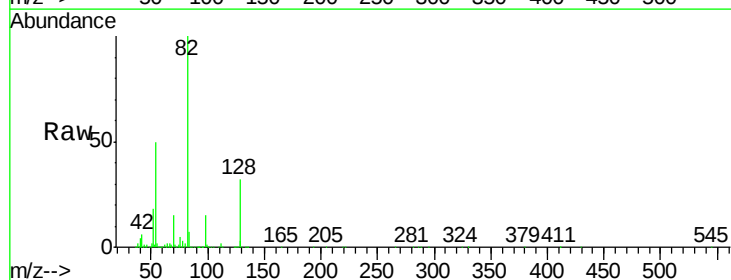


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

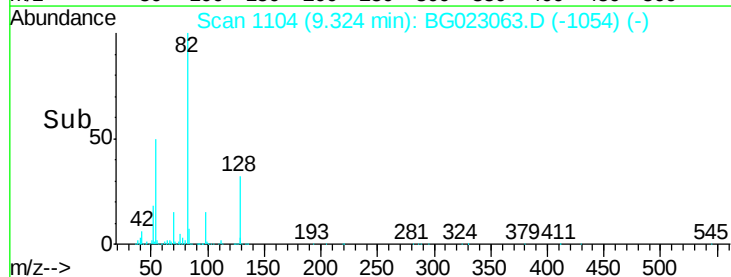
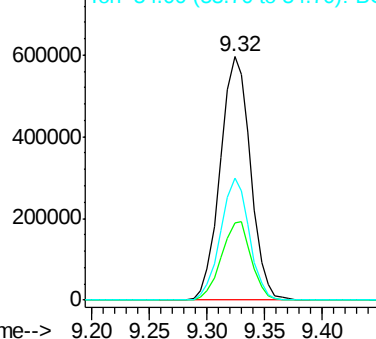


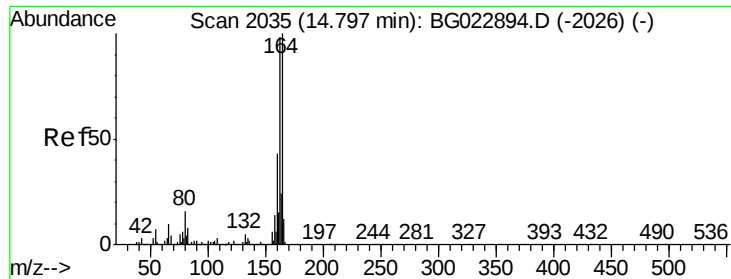
#23
Nitrobenzene-d5
Concen: 103.88 ng
RT: 9.32 min Scan# 1104
Delta R.T. -0.00 min
Lab File: BG023063.D
Acq: 13 Jul 2016 9:29

Tgt Ion:	82	Resp:	1086737
Ion	Ratio	Lower	Upper
82	100		
128	31.8	24.4	36.6
54	50.1	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# 2036

Delta R.T. 0.00 min

Lab File: BG023063.D

Acq: 13 Jul 2016 9:29

Instrument :

BNA_G

ClientSampled :

C4.1-04

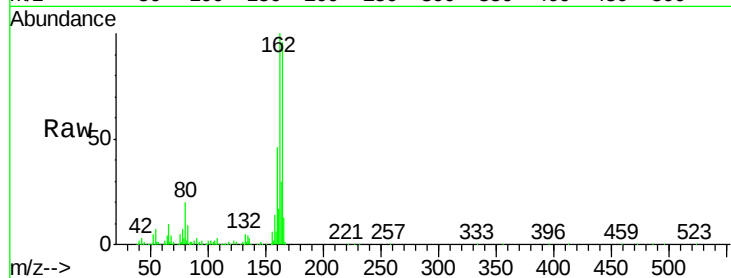
Tgt Ion:164 Resp: 350887

Ion Ratio Lower Upper

164 100

162 104.2 87.7 131.5

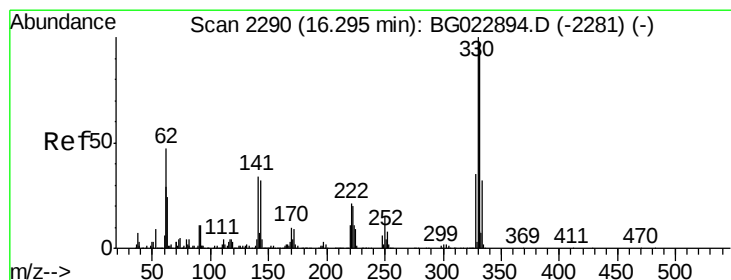
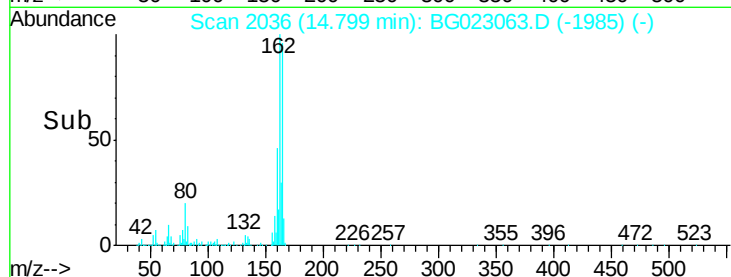
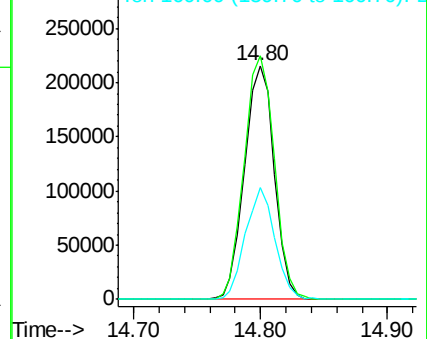
160 48.0 37.2 55.8



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



#41

2,4,6-Tribromophenol

Concen: 128.34 ng

RT: 16.29 min Scan# 2290

Delta R.T. -0.00 min

Lab File: BG023063.D

Acq: 13 Jul 2016 9:29

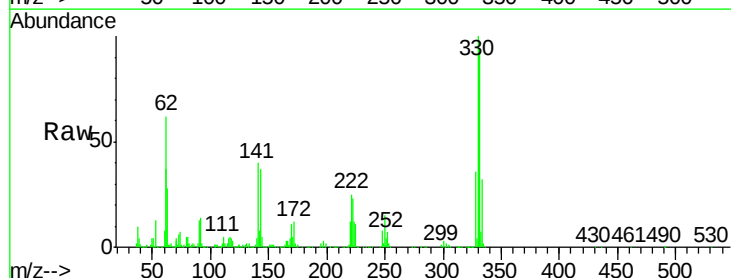
Tgt Ion:330 Resp: 809319

Ion Ratio Lower Upper

330 100

332 95.8 77.4 116.2

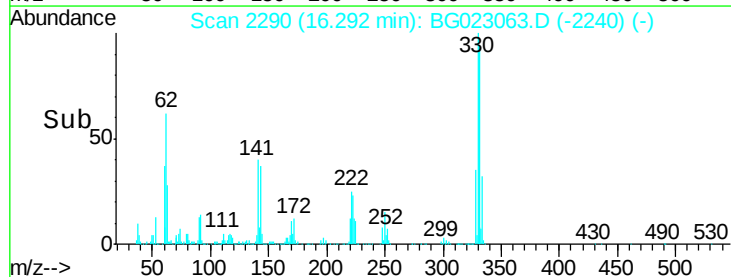
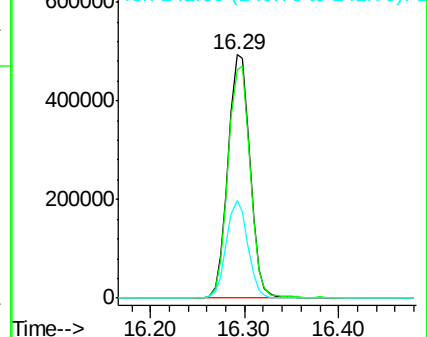
141 39.0 31.7 47.5

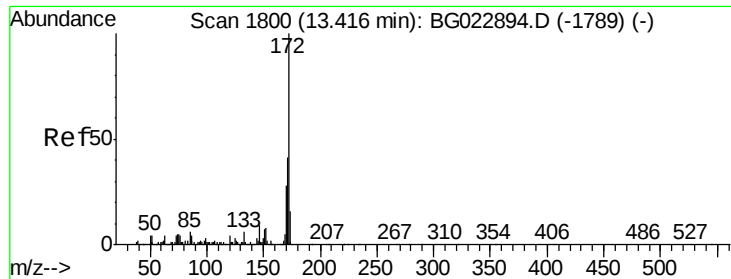


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

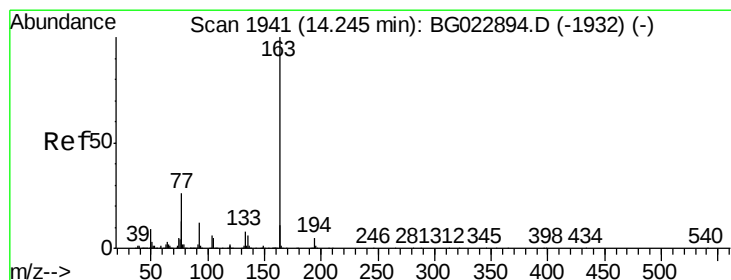
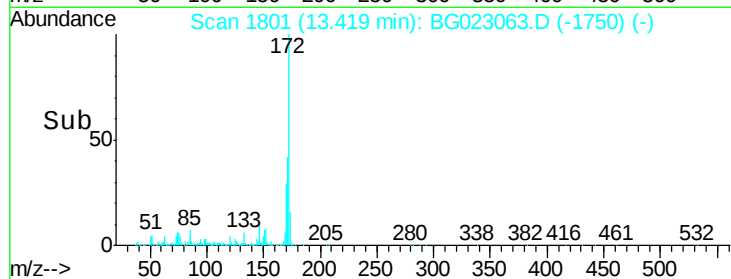
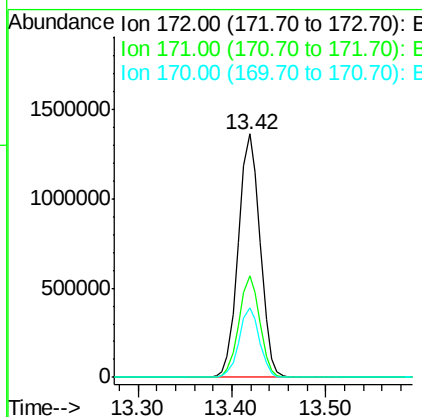
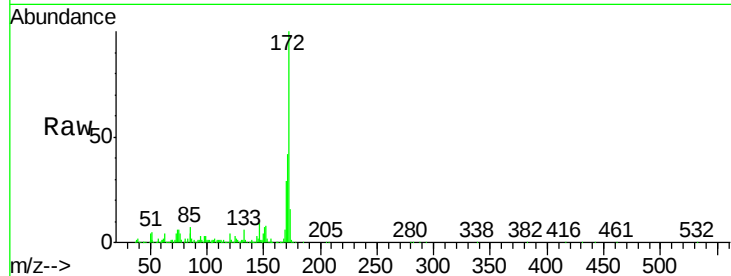




#44
 2-Fluorobiphenyl
 Concen: 98.49 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: BG023063.D
 Acq: 13 Jul 2016 9:29

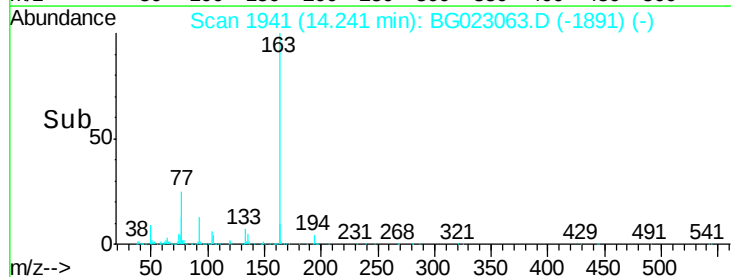
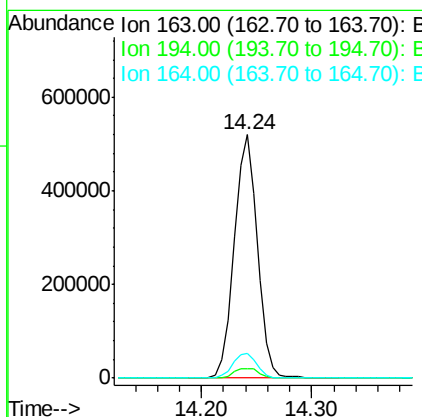
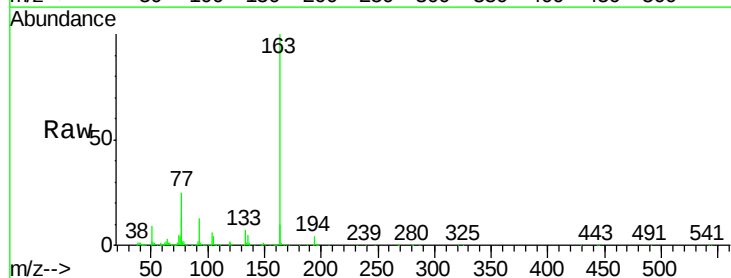
Instrument :
 BNA_G
 ClientSampleId :
 C4.1-04

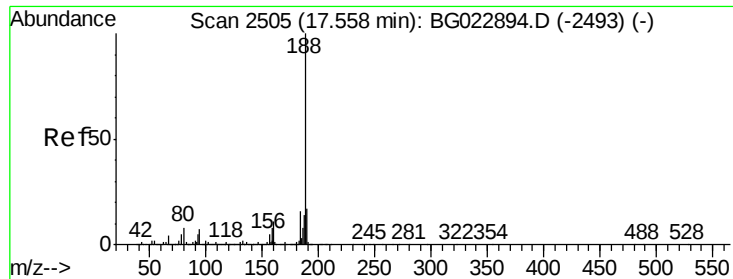
Tgt Ion:172 Resp: 2194136
 Ion Ratio Lower Upper
 172 100
 171 41.8 31.6 47.4
 170 28.5 21.3 31.9



#49
 Dimethylphthalate
 Concen: 26.72 ng
 RT: 14.24 min Scan# 1941
 Delta R.T. -0.00 min
 Lab File: BG023063.D
 Acq: 13 Jul 2016 9:29

Tgt Ion:163 Resp: 765955
 Ion Ratio Lower Upper
 163 100
 194 4.1 3.6 5.4
 164 10.1 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: BG023063.D

Acq: 13 Jul 2016 9:29

Instrument :

BNA_G

ClientSampleId :

C4.1-04

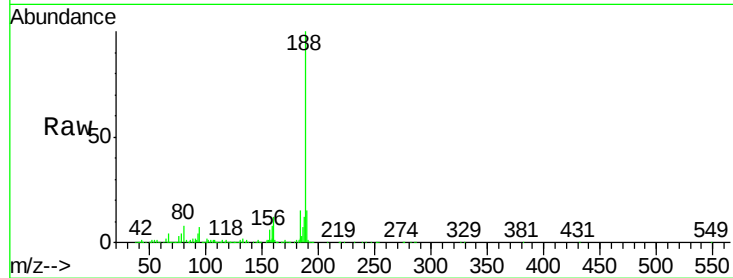
Tgt Ion:188 Resp: 822026

Ion Ratio Lower Upper

188 100

94 7.0 5.2 7.8

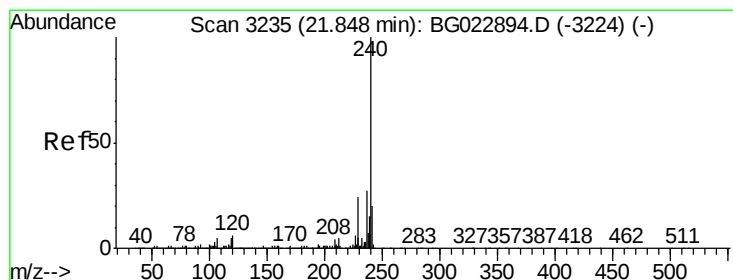
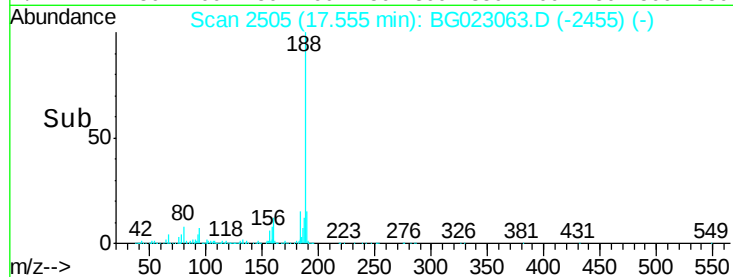
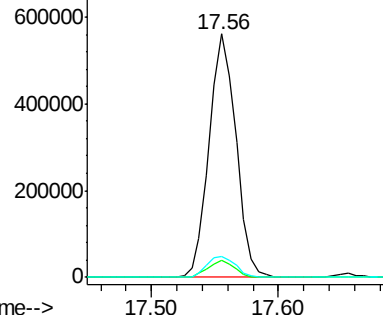
80 8.4 7.2 10.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG022894.D (-2493) (-)

Ion 80.00 (79.70 to 80.70): BG022894.D (-2493) (-)



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.86 min Scan# 3238

Delta R.T. 0.01 min

Lab File: BG023063.D

Acq: 13 Jul 2016 9:29

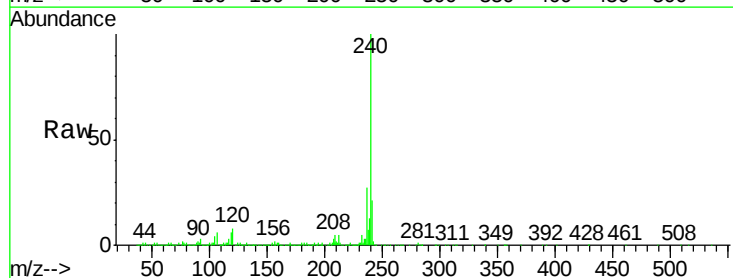
Tgt Ion:240 Resp: 888854

Ion Ratio Lower Upper

240 100

120 7.8 4.1 6.1#

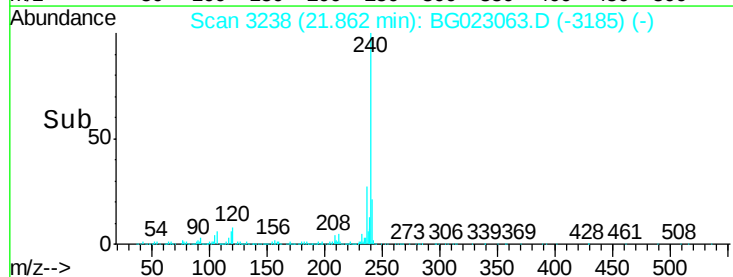
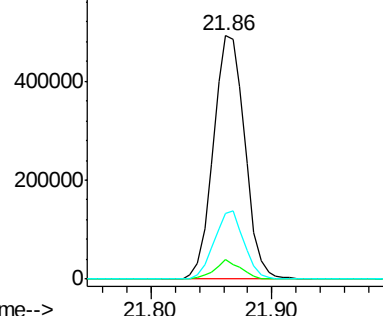
236 27.1 21.1 31.7

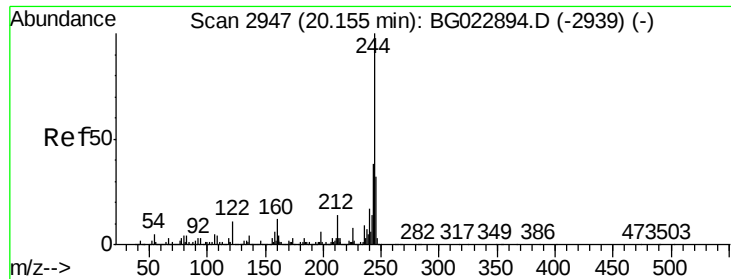


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 120.06 ng

RT: 20.16 min Scan# 2949

Delta R.T. 0.01 min

Lab File: BG023063.D

Acq: 13 Jul 2016 9:29

Instrument :

BNA_G

ClientSampleId :

C4.1-04

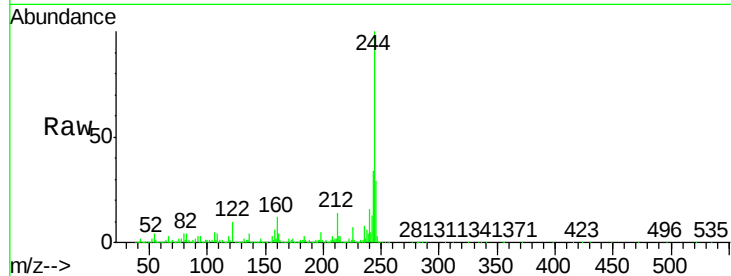
Tgt Ion:244 Resp: 2870147

Ion Ratio Lower Upper

244 100

212 13.7 10.8 16.2

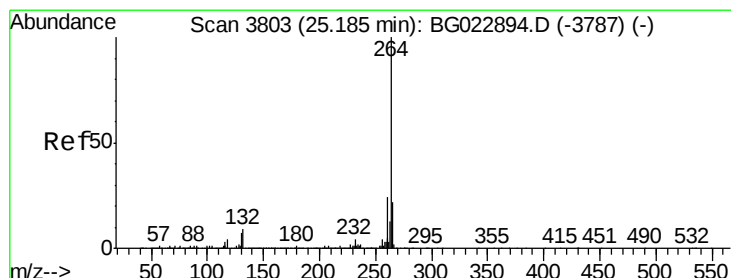
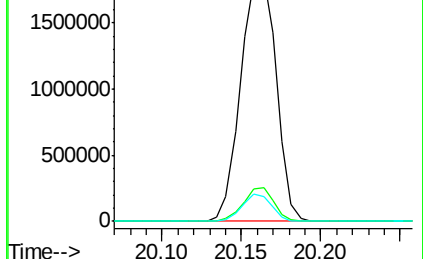
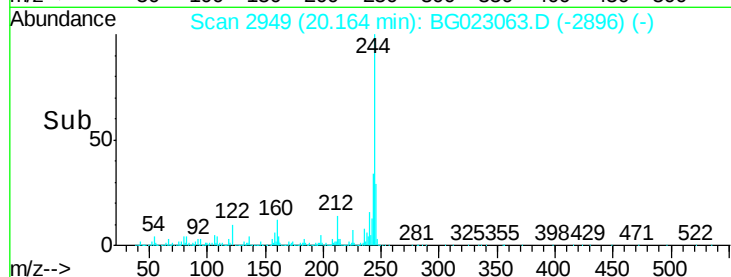
122 10.1 8.0 12.0



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: BG023063.D

Acq: 13 Jul 2016 9:29

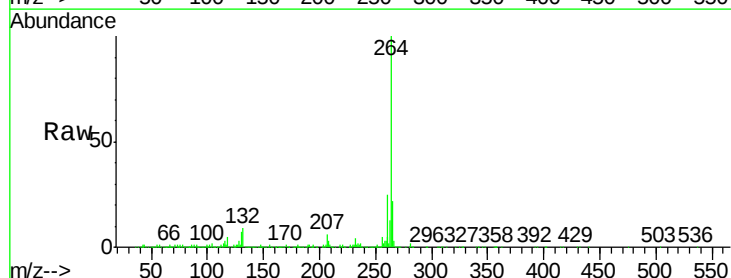
Tgt Ion:264 Resp: 899191

Ion Ratio Lower Upper

264 100

260 24.8 18.4 27.6

265 22.1 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

