

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040518\
 Data File : BG033601.D
 Acq On : 5 Apr 2018 20:26
 Operator : SJ/JU
 Sample : J2265-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PF-3

Quant Time: Apr 06 03:45:23 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 05 17:36:07 2018
 Response via : Initial Calibration

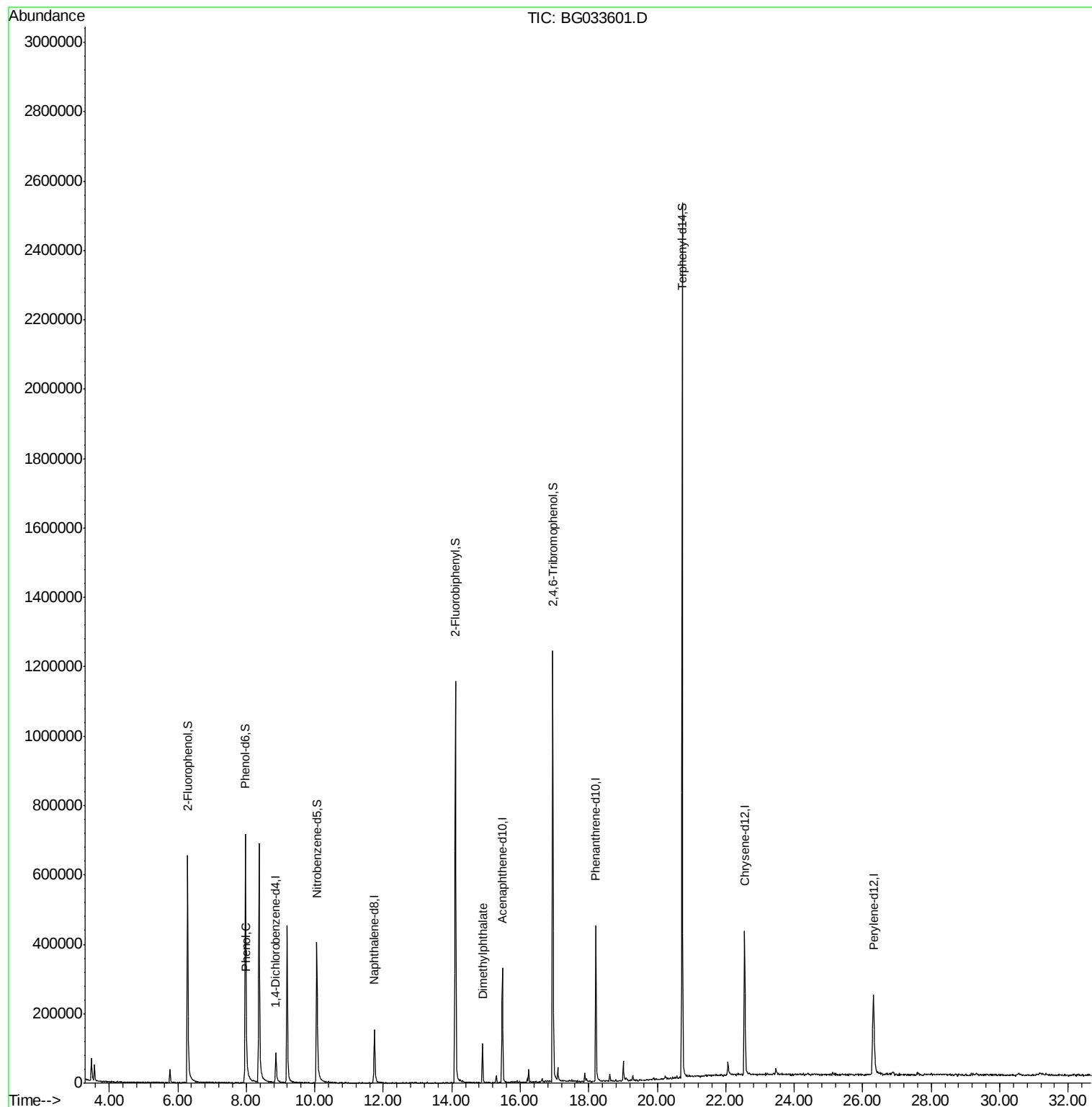
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	31946	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	151445	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	124914	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	313446	20.00	ng	0.00
75) Chrysene-d12	22.55	240	313851	20.00	ng	0.00
86) Perylene-d12	26.31	264	326603	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	317463	186.34	ng	0.00
7) Phenol-d6	7.97	99	501810	171.43	ng	0.00
23) Nitrobenzene-d5	10.06	82	327474	99.35	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	239669	128.29	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	663847	76.72	ng	0.00
78) Terphenyl-d14	20.73	244	1203308	81.99	ng	0.00
Target Compounds						
10) Phenol	8.01	94	20810	7.200	ng	Qvalue # 52
49) Dimethylphthalate	14.90	163	77339	7.114	ng	99

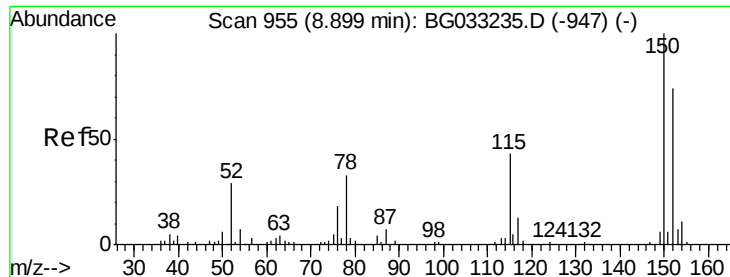
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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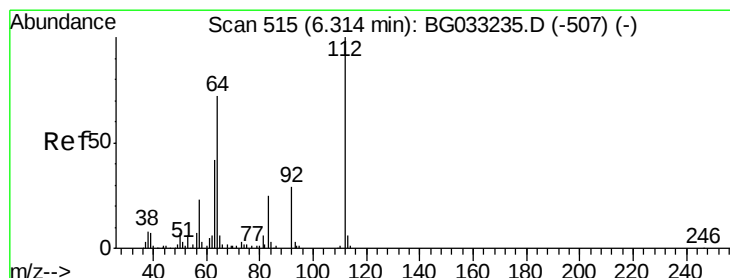
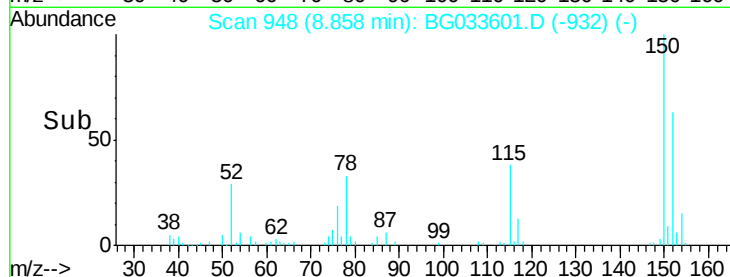
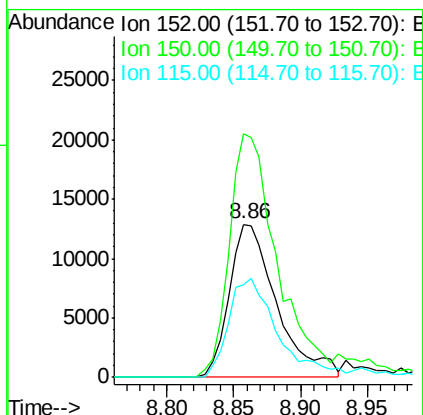
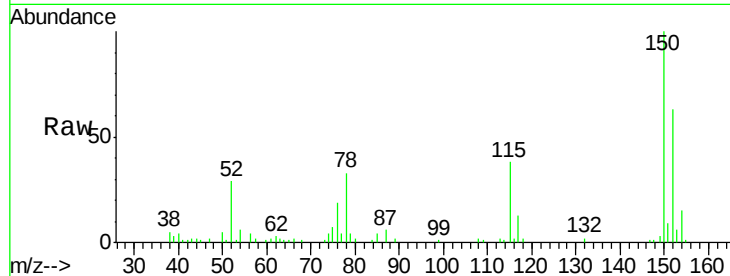


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG033601.D
Acq: 5 Apr 2018 20:26

Instrument :
BNA_G
ClientSampleId :
PF-3

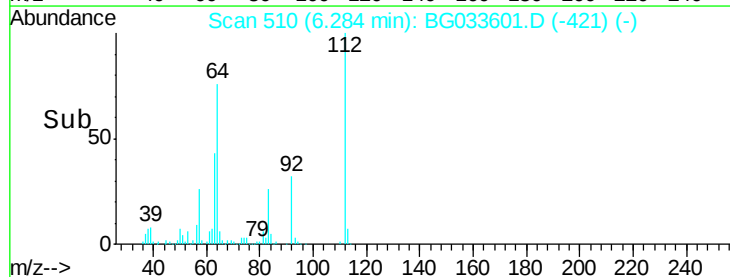
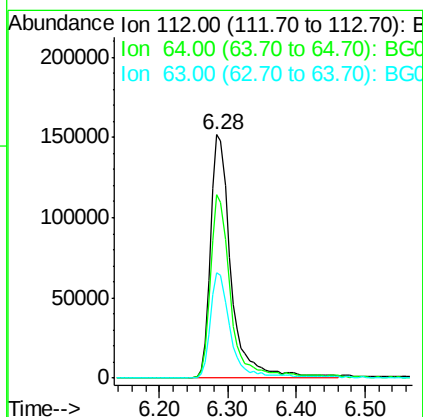
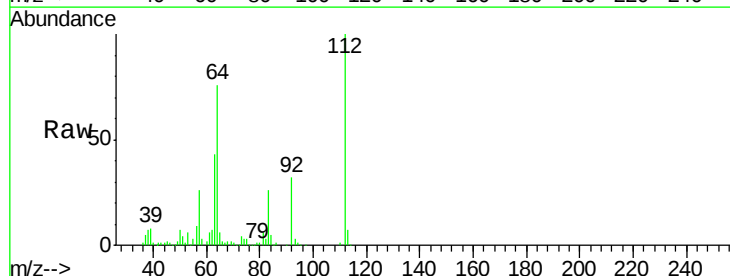
Tot Ion:152 Resp: 31946
Ion Ratio Lower Upper
152 100
150 159.0 126.6 189.8
115 60.9 53.0 79.4

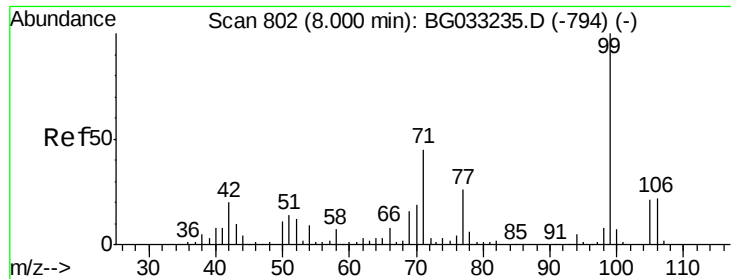


#5

2-Fluorophenol
Concen: 186.340 ng
RT: 6.28 min Scan# 510
Delta R.T. -0.01 min
Lab File: BG033601.D
Acq: 5 Apr 2018 20:26

Tgt Ion:112 Resp: 317463
Ion Ratio Lower Upper
112 100
64 75.6 56.3 84.5
63 43.4 30.1 45.1





#7

Phenol-d6

Concen: 171.426 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.00 min

Lab File: BG033601.D

Acq: 5 Apr 2018 20:26

Instrument :

BNA_G

ClientSampled :

PF-3

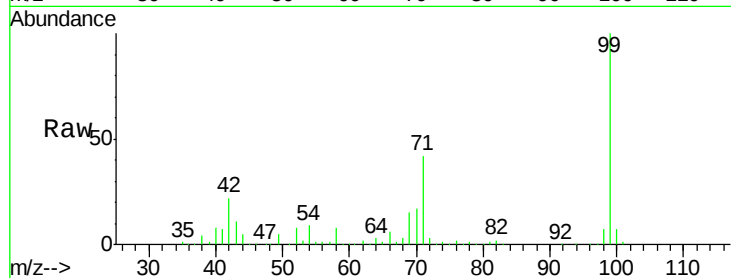
Tot Ion: 99 Resp: 501810

Ion Ratio Lower Upper

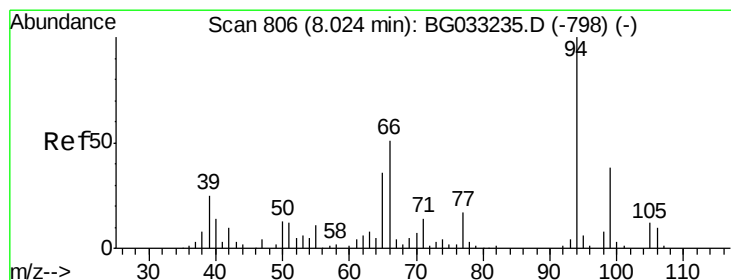
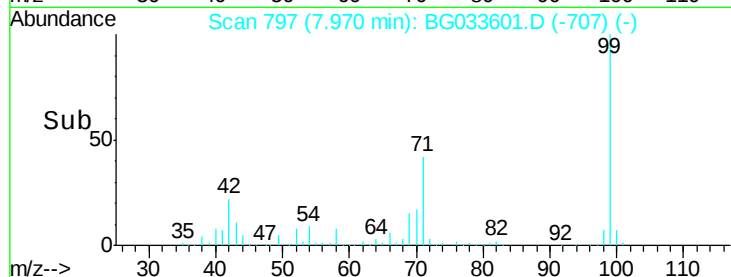
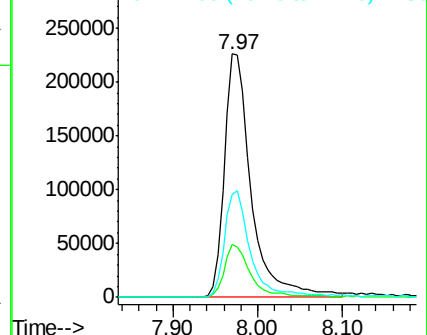
99 100

42 21.8 14.1 21.1#

71 42.1 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



#10

Phenol

Concen: 7.200 ng

RT: 8.01 min Scan# 803

Delta R.T. -0.00 min

Lab File: BG033601.D

Acq: 5 Apr 2018 20:26

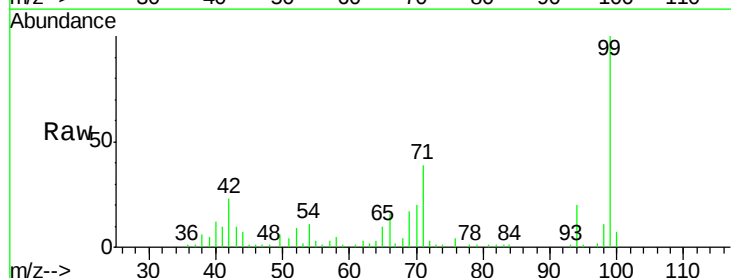
Tgt Ion: 94 Resp: 20810

Ion Ratio Lower Upper

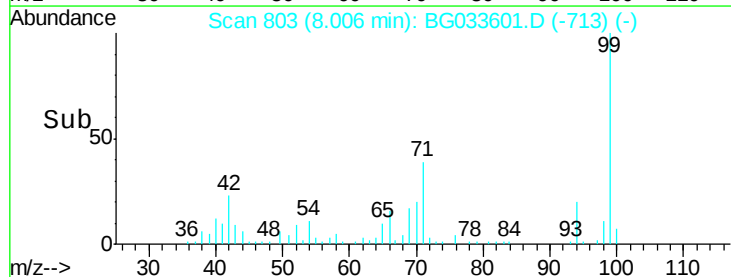
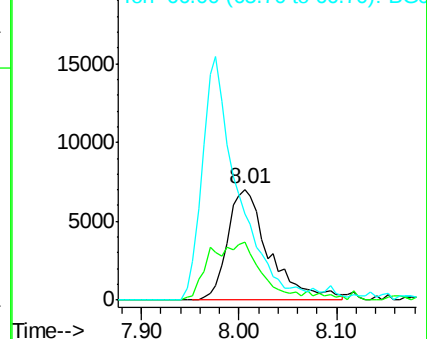
94 100

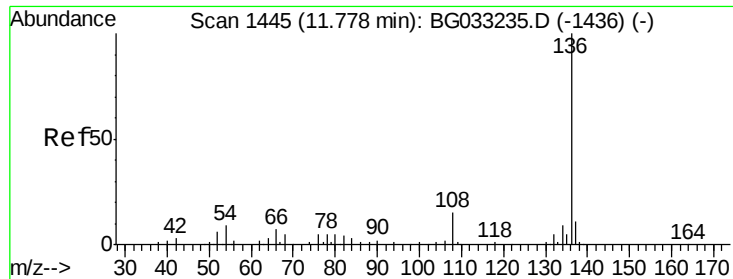
65 52.1 11.9 51.9#

66 78.5 22.2 62.2#



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: 20.000 ng

RT: 11.74 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BG033601.D

Acq: 5 Apr 2018 20:26

Instrument :

BNA_G

ClientSampleId :

PF-3

Tot Ion:136 Resp: 151445

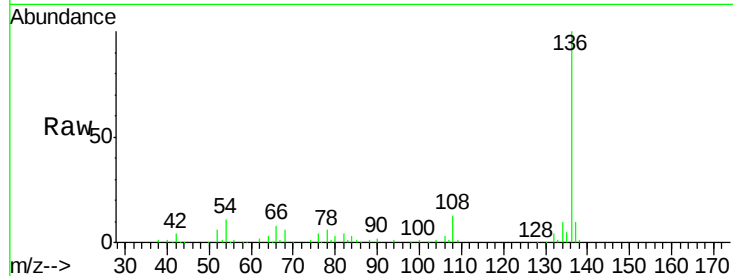
Ion Ratio Lower Upper

136 100

137 9.8 9.2 13.8

54 11.0 10.3 15.5

68 5.5 4.5 6.7

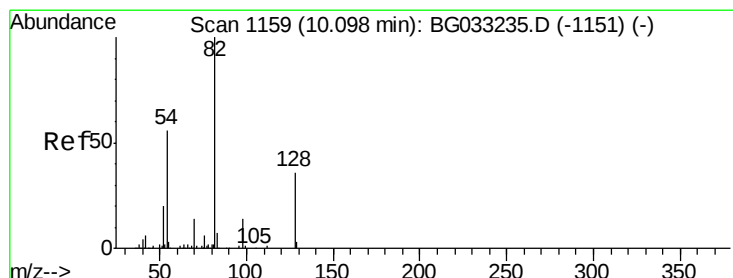
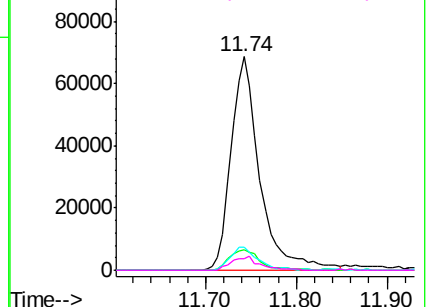
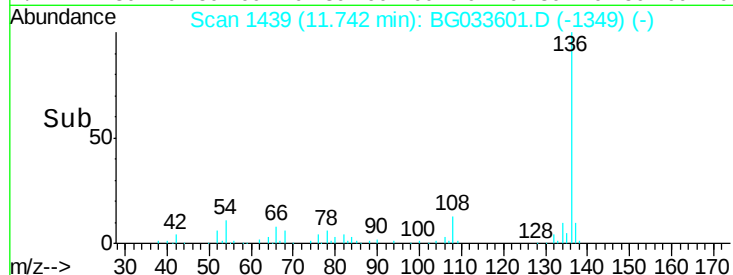


Abundance Ion 136.00 (135.70 to 136.70): E

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: 99.346 ng

RT: 10.06 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BG033601.D

Acq: 5 Apr 2018 20:26

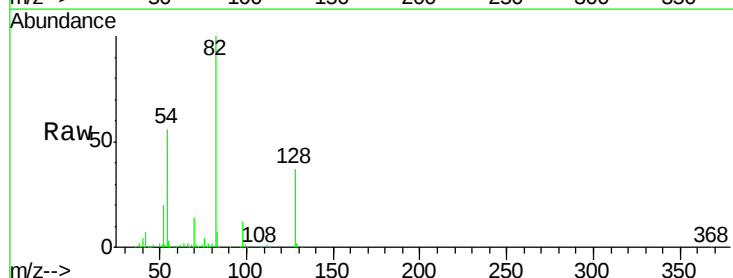
Tgt Ion: 82 Resp: 327474

Ion Ratio Lower Upper

82 100

128 36.7 29.7 44.5

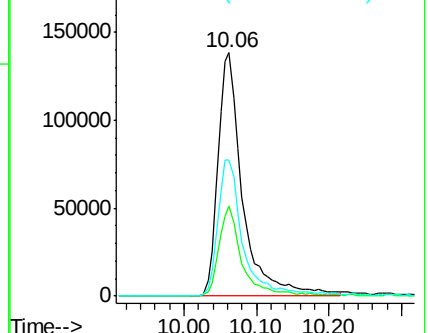
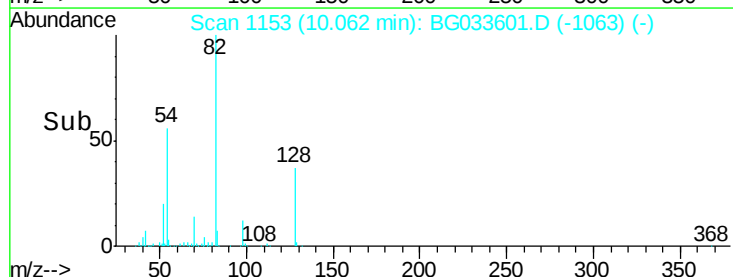
54 55.8 43.1 64.7



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: 20.000 ng

RT: 15.47 min Scan# 2074

Delta R.T. -0.01 min

Lab File: BG033601.D

Acq: 5 Apr 2018 20:26

Instrument :

BNA_G

ClientSampleId :

PF-3

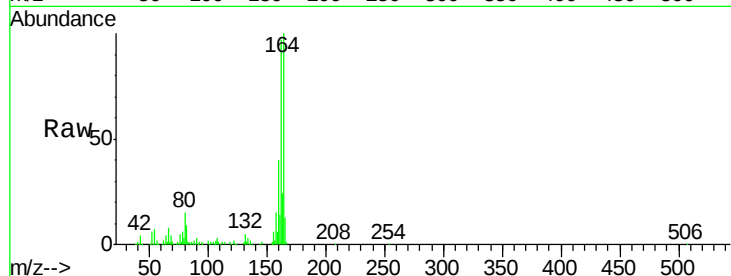
Tot Ion:164 Resp: 124914

Ion Ratio Lower Upper

164 100

162 96.8 78.8 118.2

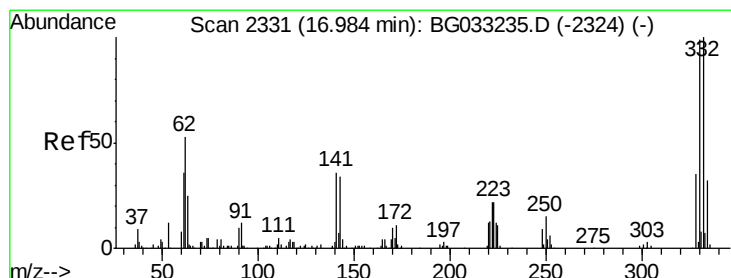
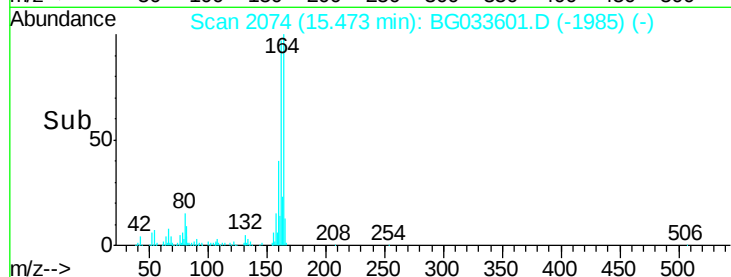
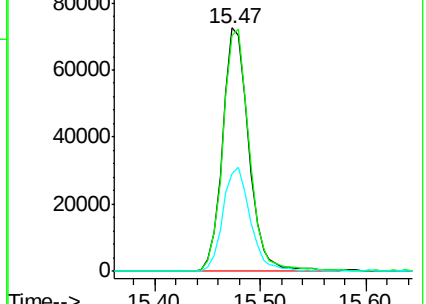
160 40.1 35.4 53.0



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: 128.286 ng

RT: 16.95 min Scan# 2326

Delta R.T. -0.00 min

Lab File: BG033601.D

Acq: 5 Apr 2018 20:26

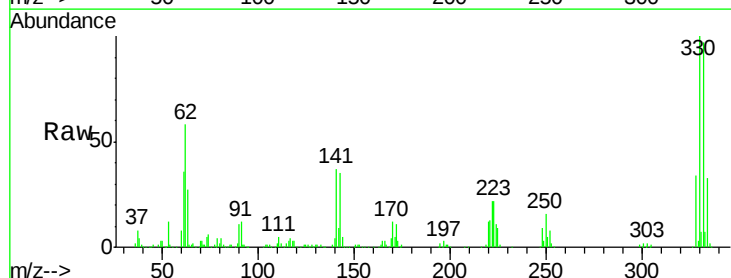
Tgt Ion:330 Resp: 239669

Ion Ratio Lower Upper

330 100

332 96.6 77.0 115.6

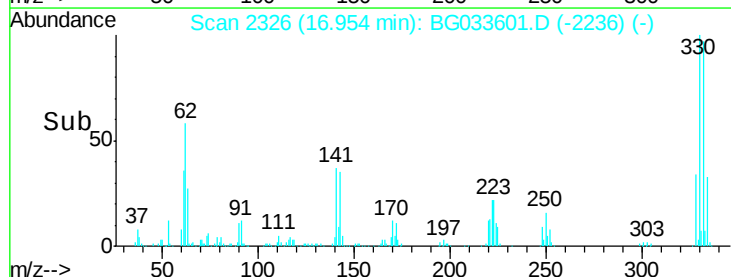
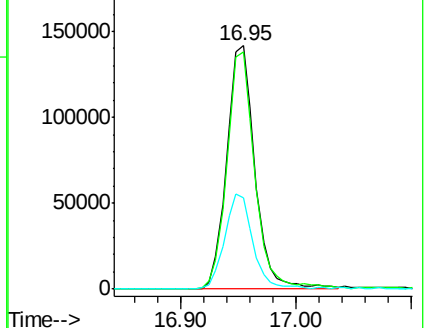
141 39.3 25.2 37.8#

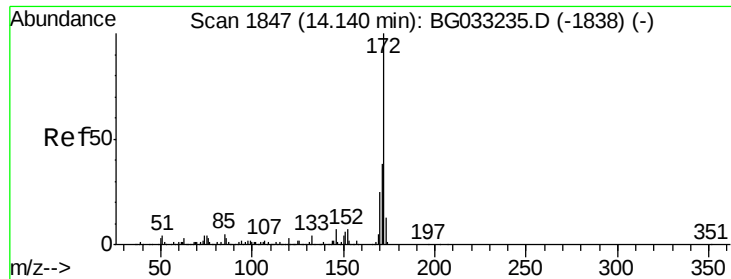


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

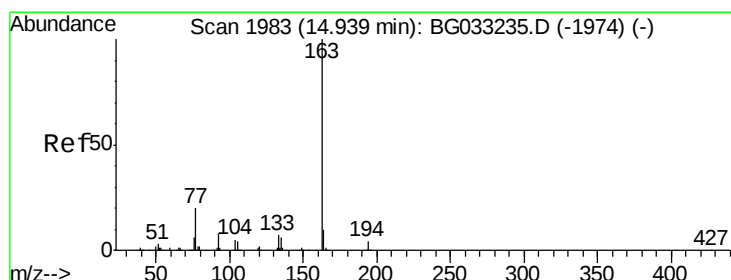
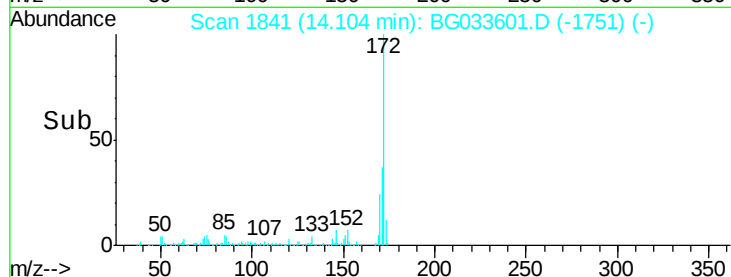
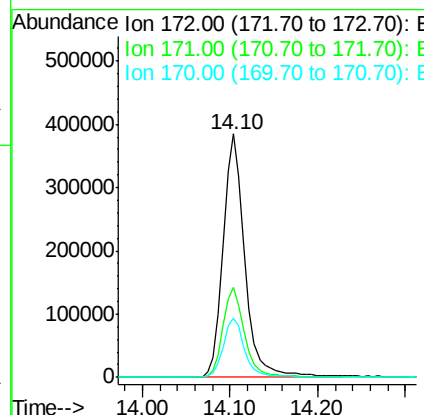
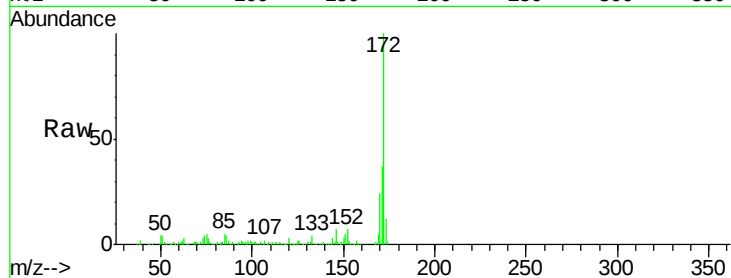




#44
2-Fluorobiphenyl
Concen: 76.721 ng
RT: 14.10 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BG033601.D
Acq: 5 Apr 2018 20:26

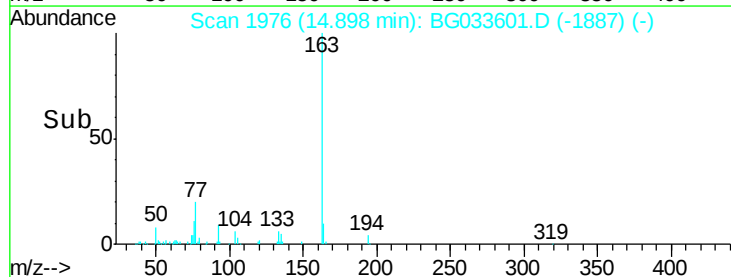
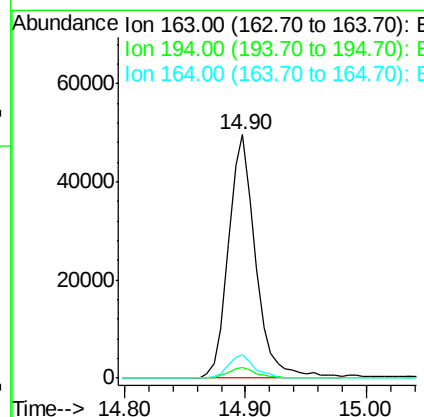
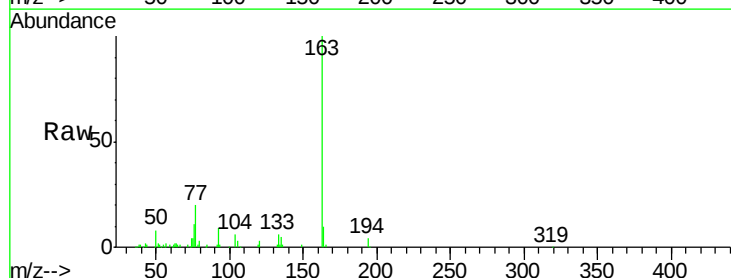
Instrument :
BNA_G
ClientSampleId :
PF-3

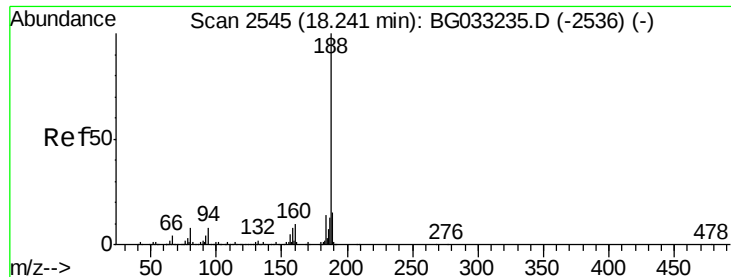
Tot Ion:172 Resp: 663847
Ion Ratio Lower Upper
172 100
171 36.9 30.0 45.0
170 24.2 19.5 29.3



#49
Dimethylphthalate
Concen: 7.114 ng
RT: 14.90 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG033601.D
Acq: 5 Apr 2018 20:26

Tgt Ion:163 Resp: 77339
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 9.9 8.2 12.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.21 min Scan# 2539

Delta R.T. -0.01 min

Lab File: BG033601.D

Acq: 5 Apr 2018 20:26

Instrument :

BNA_G

ClientSampleId :

PF-3

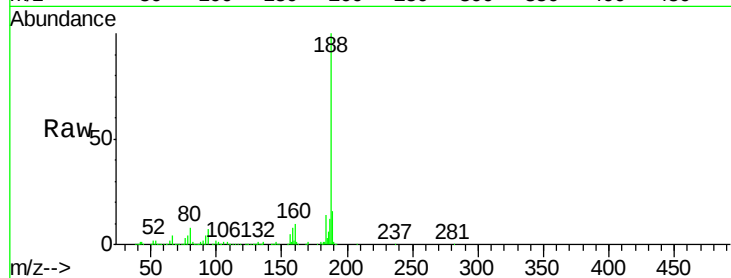
Tot Ion:188 Resp: 313446

Ion Ratio Lower Upper

188 100

94 7.3 6.9 10.3

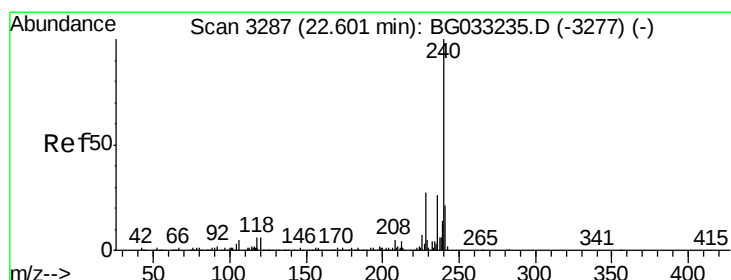
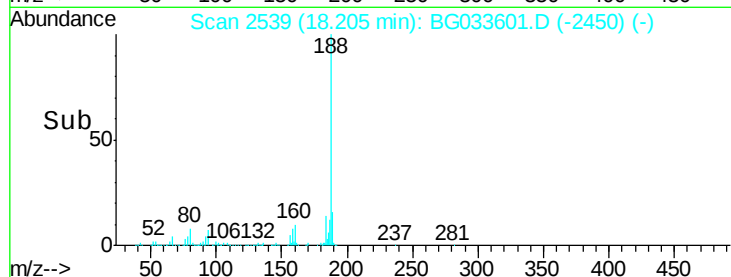
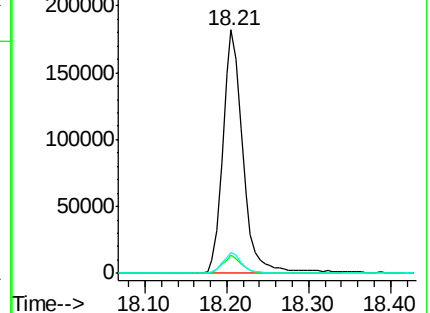
80 8.3 7.7 11.5



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: 20.000 ng

RT: 22.55 min Scan# 3279

Delta R.T. -0.01 min

Lab File: BG033601.D

Acq: 5 Apr 2018 20:26

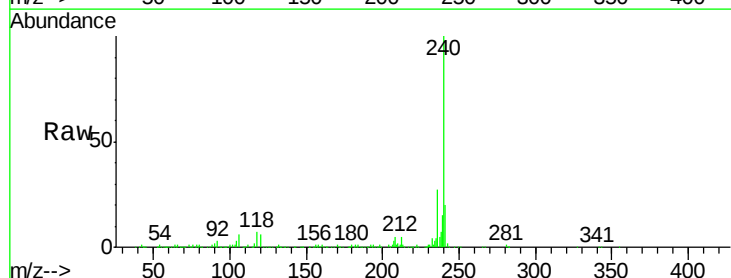
Tgt Ion:240 Resp: 313851

Ion Ratio Lower Upper

240 100

120 5.8 6.8 10.2#

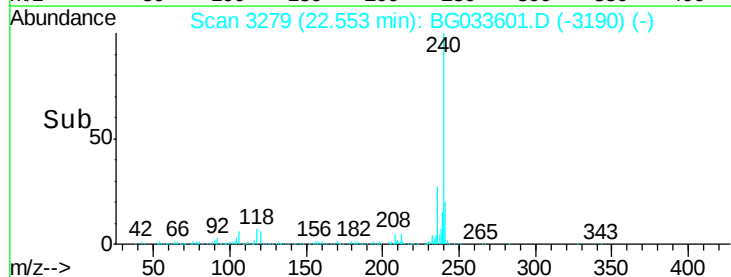
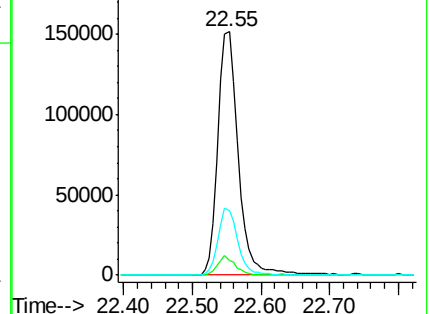
236 26.6 20.9 31.3

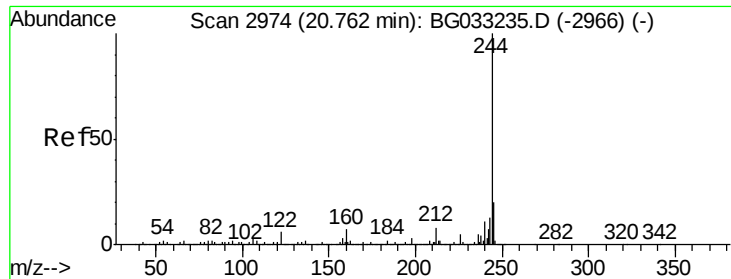


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 81.994 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.00 min

Lab File: BG033601.D

Acq: 5 Apr 2018 20:26

Instrument :

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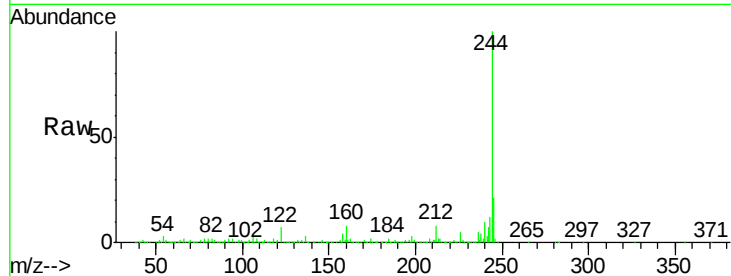
Tot Ion:244 Resp: 1203308

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.8

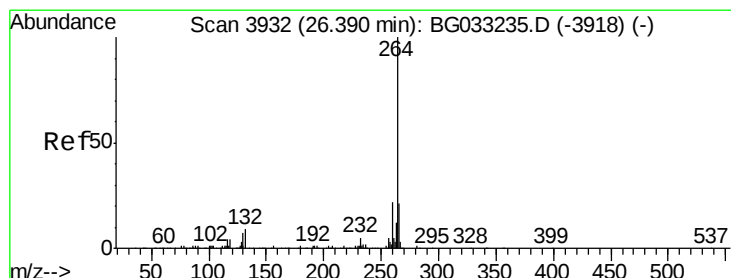
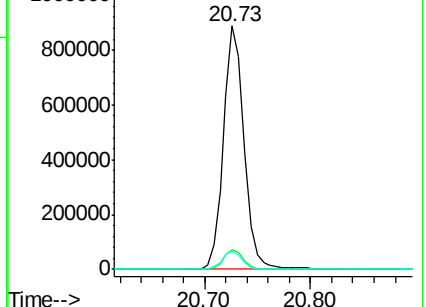
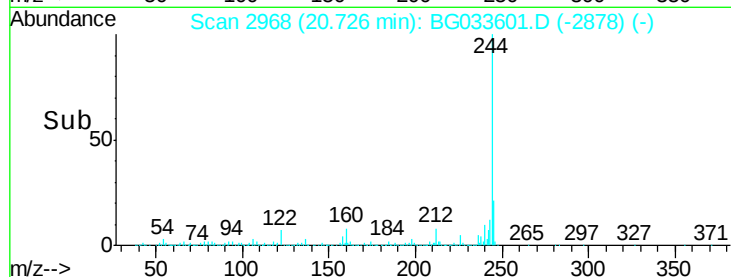
122 7.4 7.0 10.4



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: 26.31 min Scan# 3919

Delta R.T. -0.01 min

Lab File: BG033601.D

Acq: 5 Apr 2018 20:26

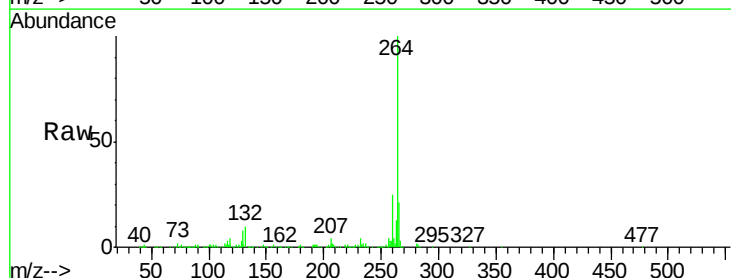
Tgt Ion:264 Resp: 326603

Ion Ratio Lower Upper

264 100

260 25.1 17.4 26.0

265 21.3 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

