

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
 Data File : BG017113.D
 Acq On : 13 May 2015 18:38
 Operator : TP/IZ
 Sample : G2194-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TU021-TW-03

Quant Time: May 14 03:31:08 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 13 16:12:13 2015
 Response via : Initial Calibration

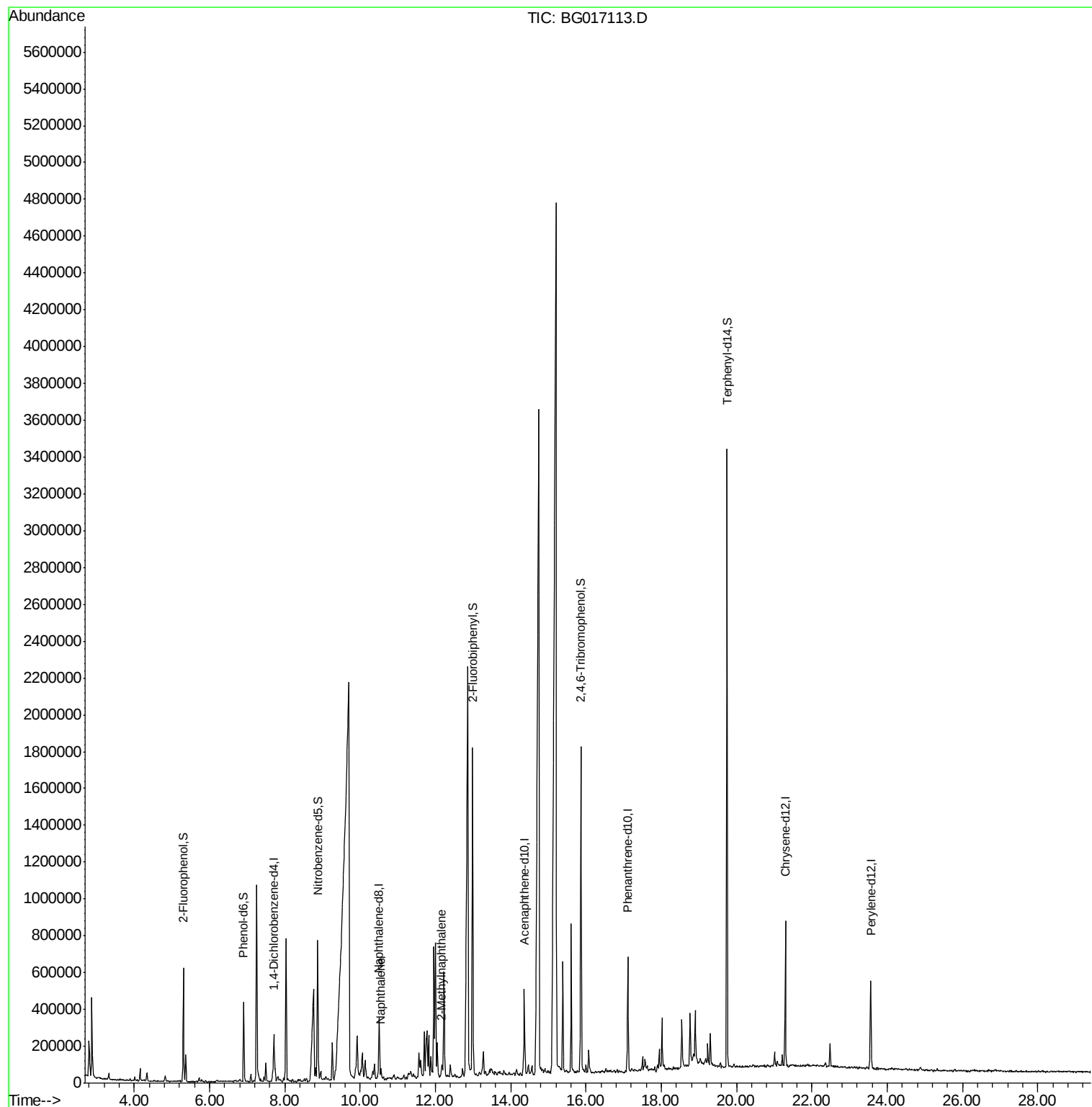
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	48343	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	210688	20.00	ng	0.00
38) Acenaphthene-d10	14.36	164	143643	20.00	ng	0.00
63) Phenanthrene-d10	17.11	188	320224	20.00	ng	0.00
75) Chrysene-d12	21.29	240	322575	20.00	ng	0.00
86) Perylene-d12	23.56	264	320747	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	210290	77.18	ng	0.00
7) Phenol-d6	6.91	99	190669	49.86	ng	0.00
23) Nitrobenzene-d5	8.87	82	385464	85.42	ng	0.00
41) 2,4,6-Tribromophenol	15.87	330	245973	141.66	ng	0.00
44) 2-Fluorobiphenyl	12.99	172	790856	80.79	ng	0.00
78) Terphenyl-d14	19.74	244	1276823	82.49	ng	0.00
Target Compounds						
31) Naphthalene	10.55	128	31387	3.04	ng	Qvalue # 92
37) 2-Methylnaphthalene	12.17	142	19470	2.38	ng	94

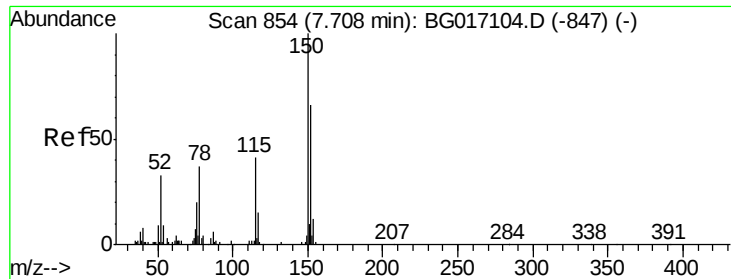
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 13 16:12:13 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.71 min Scan# 855

Delta R.T. 0.00 min

Lab File: BG017113.D

Acq: 13 May 2015 18:38

Instrument :

BNA_G

ClientSampleId :

TU021-TW-03

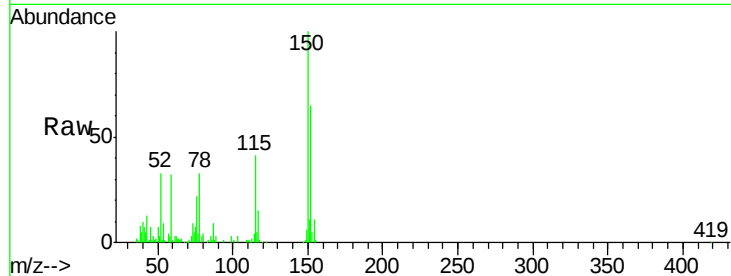
Tgt Ion:152 Resp: 48343

Ion Ratio Lower Upper

152 100

150 153.2 120.8 181.2

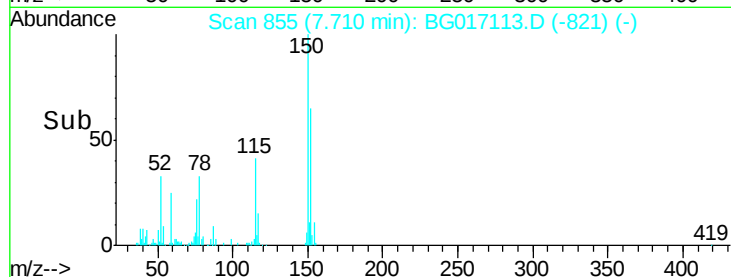
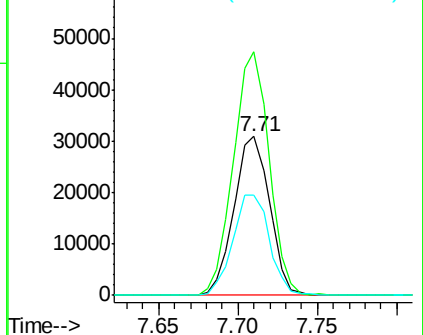
115 62.9 49.4 74.2



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



#5

2-Fluorophenol

Concen: 77.18 ng

RT: 5.30 min Scan# 445

Delta R.T. -0.00 min

Lab File: BG017113.D

Acq: 13 May 2015 18:38

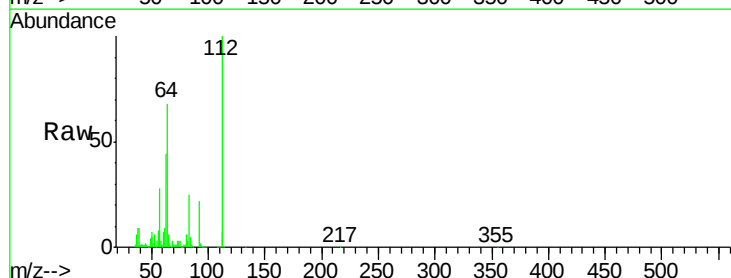
Tgt Ion:112 Resp: 210290

Ion Ratio Lower Upper

112 100

64 67.9 48.1 72.1

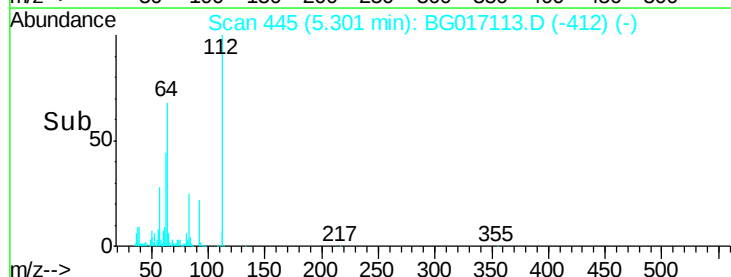
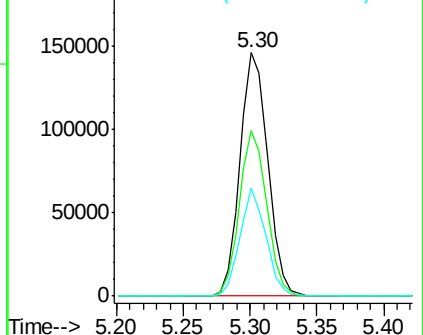
63 44.3 29.8 44.8

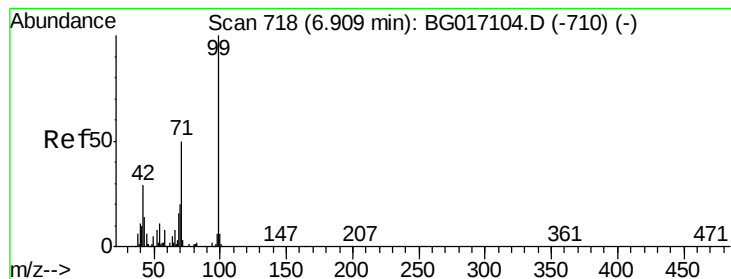


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 49.86 ng

RT: 6.91 min Scan# 718

Delta R.T. -0.00 min

Lab File: BG017113.D

Acq: 13 May 2015 18:38

Instrument :

BNA_G

ClientSampleId :

TU021-TW-03

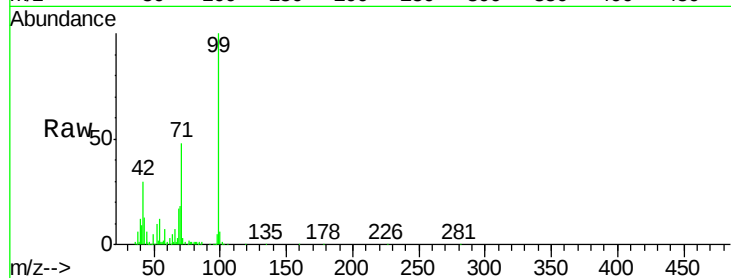
Tgt Ion: 99 Resp: 190669

Ion Ratio Lower Upper

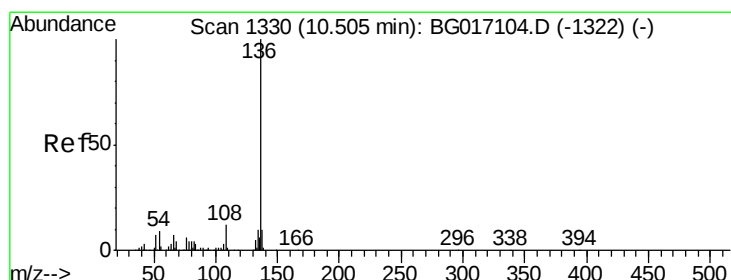
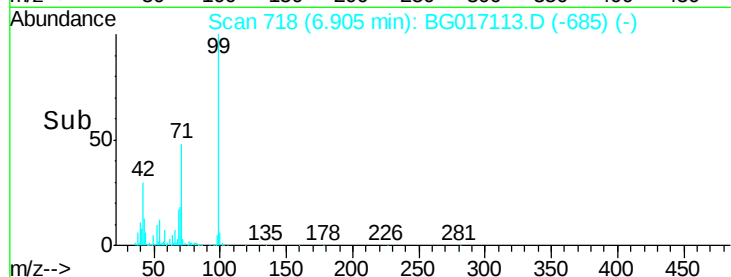
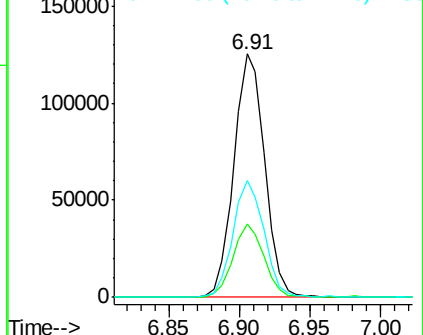
99 100

42 30.3 23.5 35.3

71 48.2 39.8 59.8



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: 10.50 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BG017113.D

Acq: 13 May 2015 18:38

Tgt Ion: 136 Resp: 210688

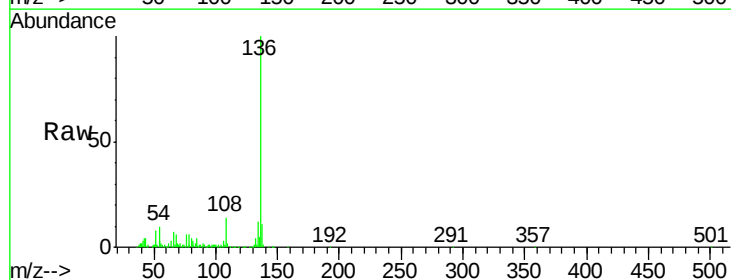
Ion Ratio Lower Upper

136 100

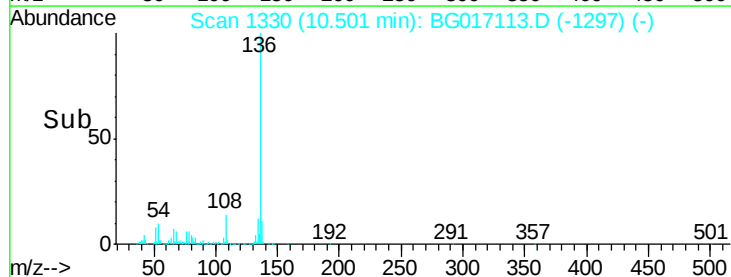
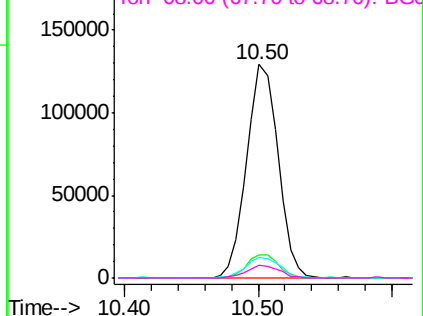
137 11.0 8.3 12.5

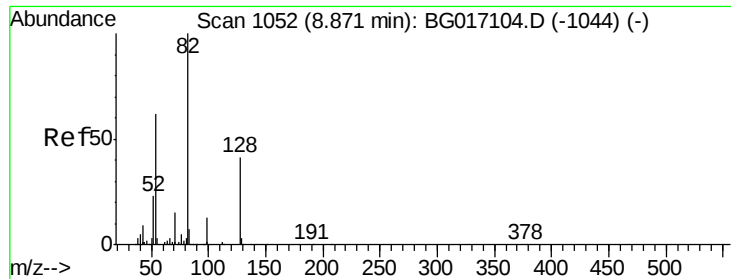
54 9.7 7.4 11.2

68 5.9 3.6 5.4#



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

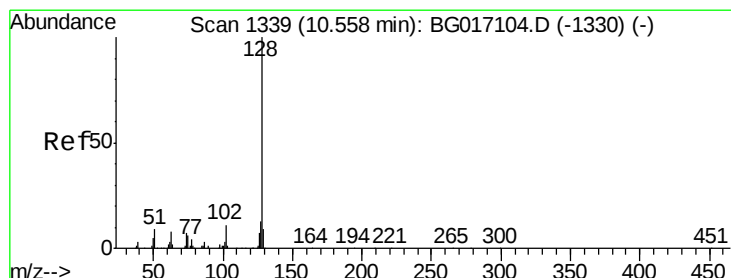
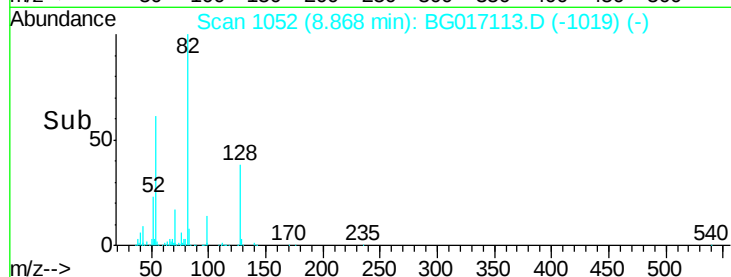
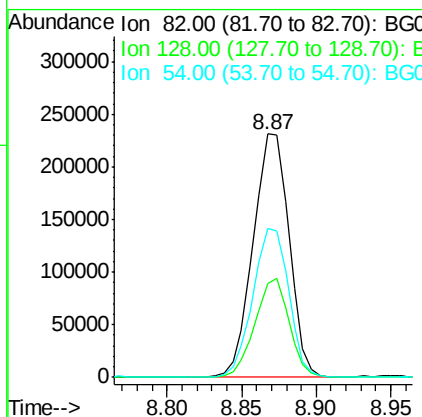
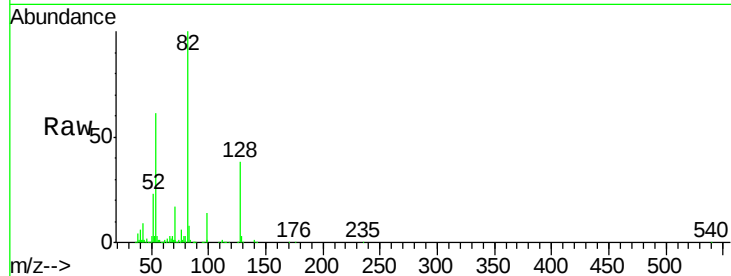




#23
Nitrobenzene-d5
Concen: 85.42 ng
RT: 8.87 min Scan# 1052
Delta R.T. -0.00 min
Lab File: BG017113.D
Acq: 13 May 2015 18:38

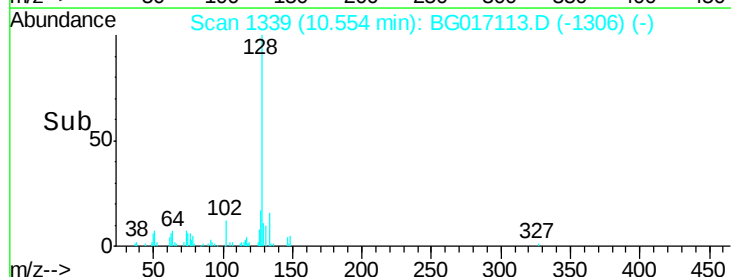
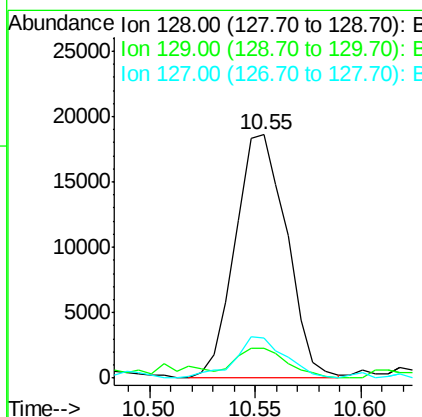
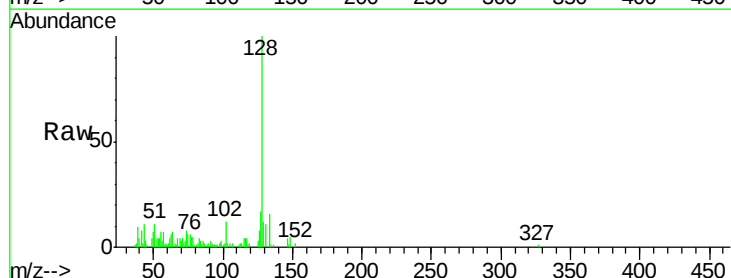
Instrument :
BNA_G
ClientSampleId :
TU021-TW-03

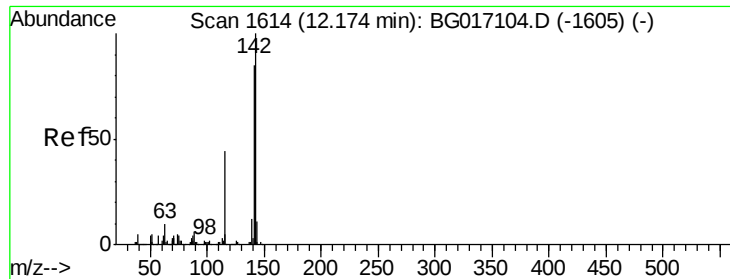
Tgt Ion: 82 Resp: 385464
Ion Ratio Lower Upper
82 100
128 38.4 32.6 49.0
54 61.1 49.6 74.4



#31
Naphthalene
Concen: 3.04 ng
RT: 10.55 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BG017113.D
Acq: 13 May 2015 18:38

Tgt Ion: 128 Resp: 31387
Ion Ratio Lower Upper
128 100
129 12.4 7.6 11.4#
127 16.7 10.6 16.0#

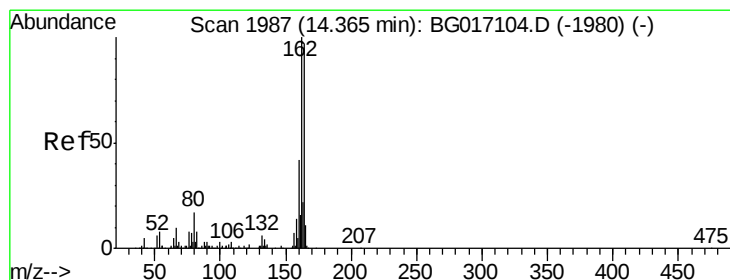
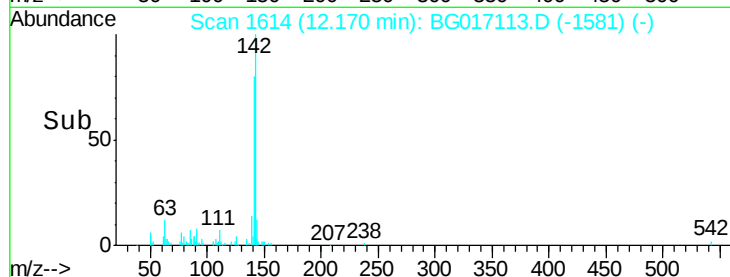
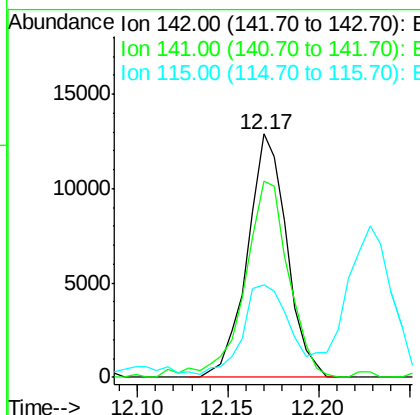
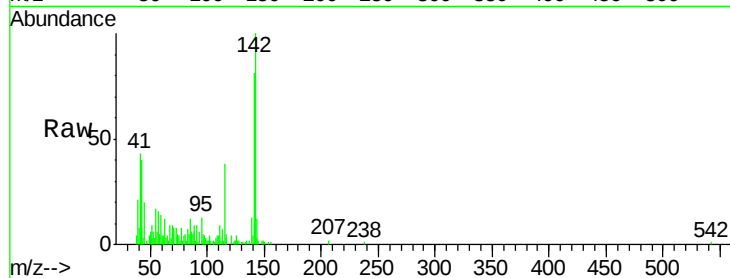




#37
2-Methylnaphthalene
Concen: 2.38 ng
RT: 12.17 min Scan# 1614
Delta R.T. -0.00 min
Lab File: BG017113.D
Acq: 13 May 2015 18:38

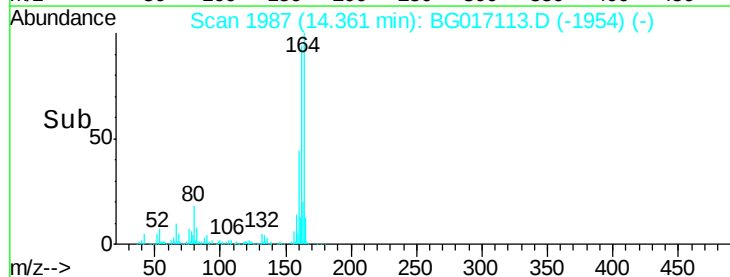
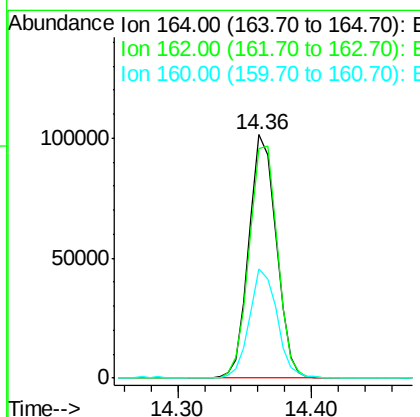
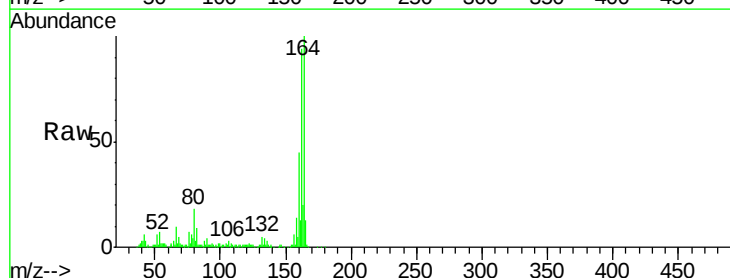
Instrument :
BNA_G
ClientSampleId :
TU021-TW-03

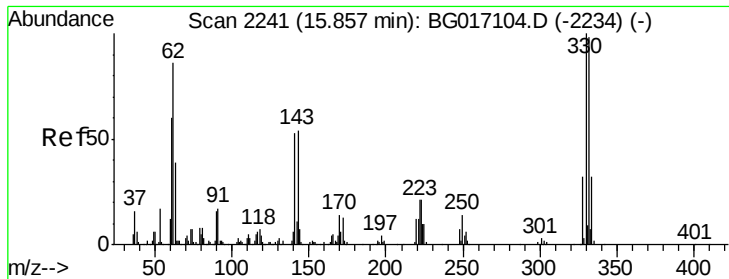
Tgt Ion:142 Resp: 19470
Ion Ratio Lower Upper
142 100
141 80.9 68.2 102.2
115 38.2 35.6 53.4



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.36 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BG017113.D
Acq: 13 May 2015 18:38

Tgt Ion:164 Resp: 143643
Ion Ratio Lower Upper
164 100
162 94.2 82.1 123.1
160 44.6 34.8 52.2

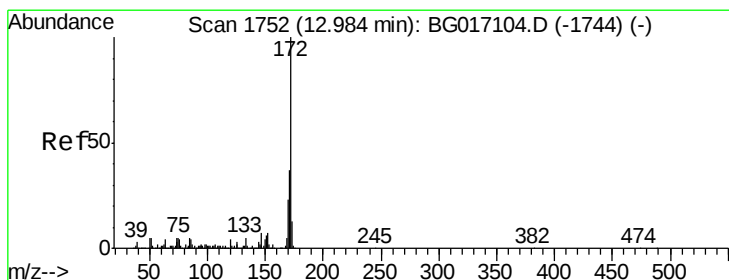
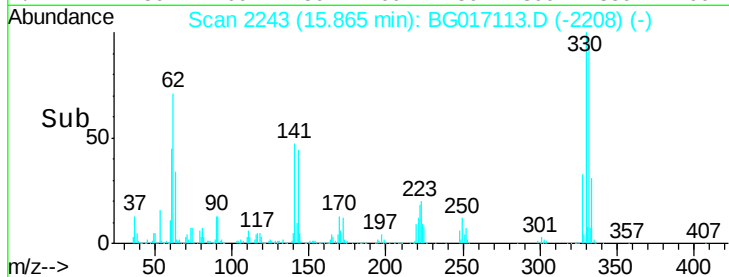
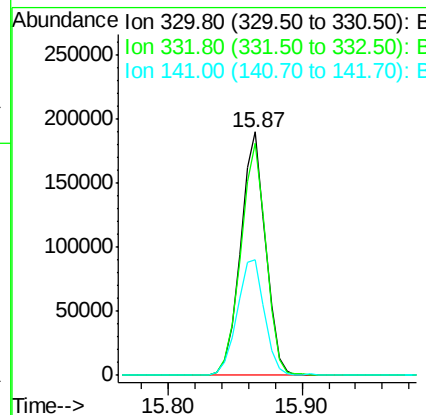
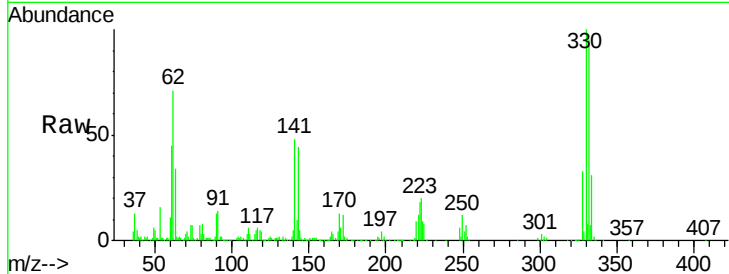




#41
 2,4,6-Tribromophenol
 Concen: 141.66 ng
 RT: 15.87 min Scan# 2243
 Delta R.T. 0.01 min
 Lab File: BG017113.D
 Acq: 13 May 2015 18:38

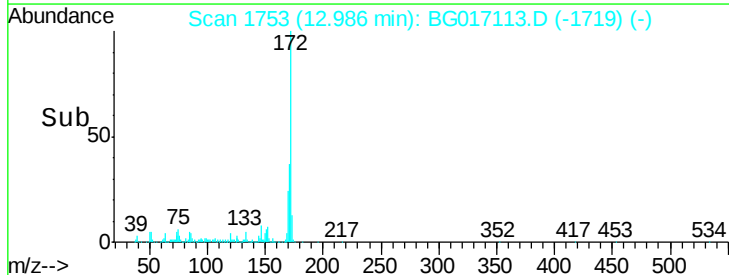
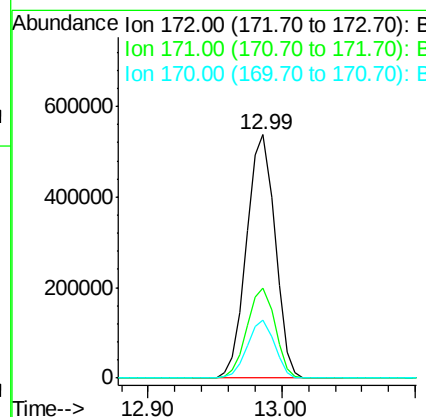
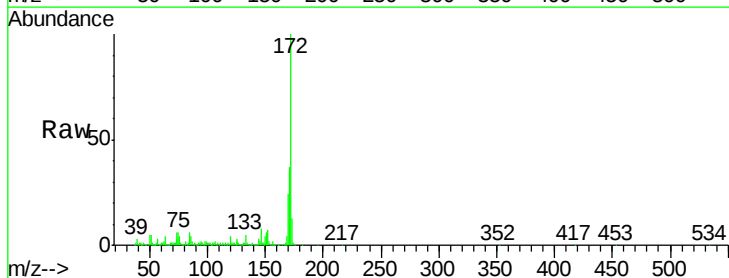
Instrument :
 BNA_G
 ClientSampleId :
 TU021-TW-03

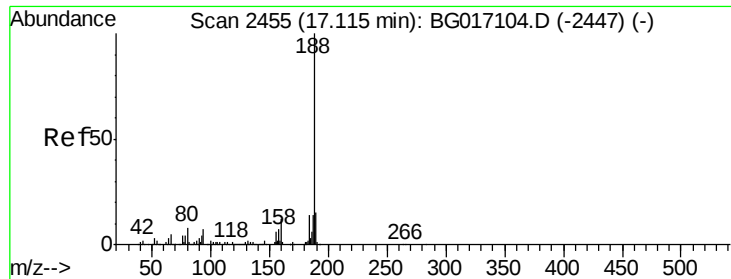
Tgt Ion:330 Resp: 245973
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.9 115.3
 141 51.8 42.2 63.2



#44
 2-Fluorobiphenyl
 Concen: 80.79 ng
 RT: 12.99 min Scan# 1753
 Delta R.T. 0.00 min
 Lab File: BG017113.D
 Acq: 13 May 2015 18:38

Tgt Ion:172 Resp: 790856
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.7 44.5
 170 24.0 18.4 27.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.11 min Scan# 2455

Delta R.T. -0.00 min

Lab File: BG017113.D

Acq: 13 May 2015 18:38

Instrument :

BNA_G

ClientSampleId :

TU021-TW-03

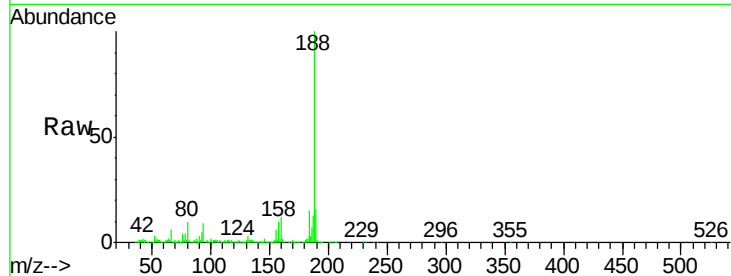
Tgt Ion:188 Resp: 320224

Ion Ratio Lower Upper

188 100

94 8.7 5.8 8.6#

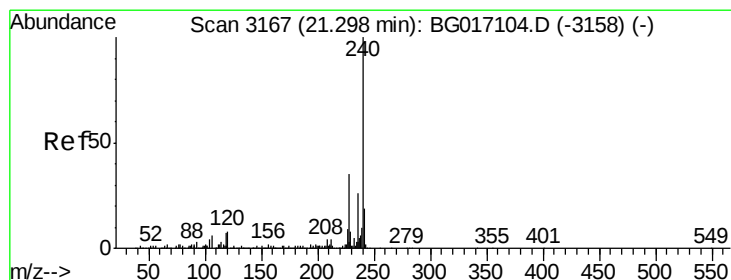
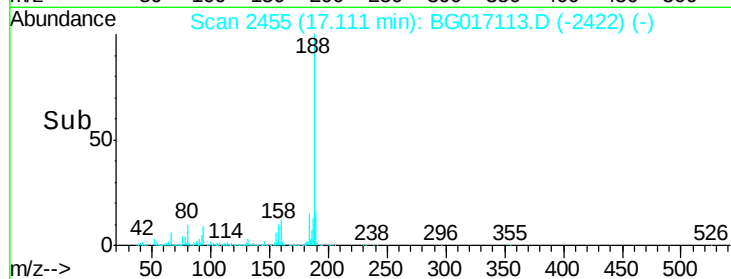
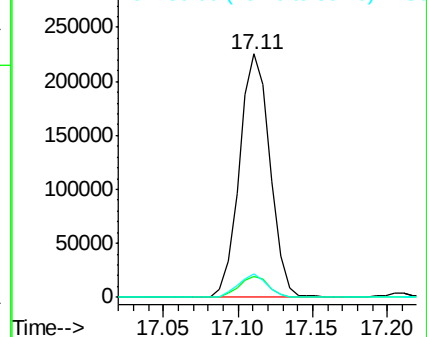
80 9.6 6.5 9.7



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: 21.29 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG017113.D

Acq: 13 May 2015 18:38

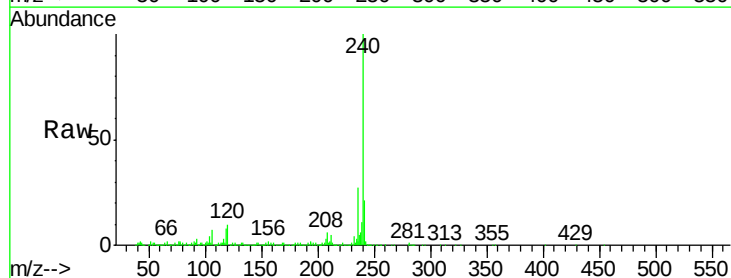
Tgt Ion:240 Resp: 322575

Ion Ratio Lower Upper

240 100

120 9.6 6.0 9.0#

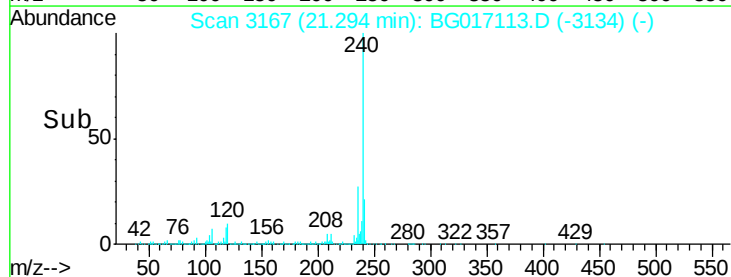
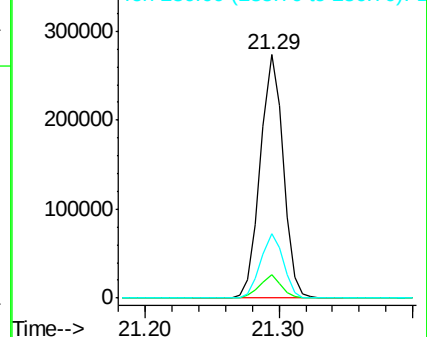
236 26.6 20.5 30.7

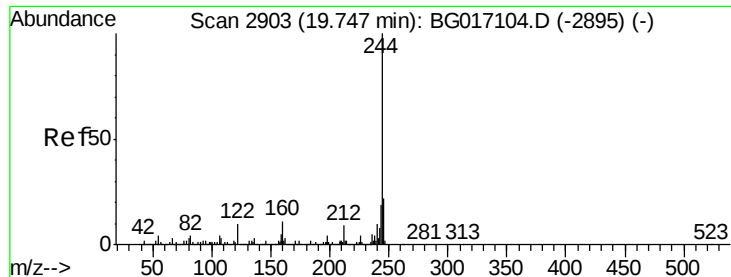


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 82.49 ng

RT: 19.74 min Scan# 2903

Delta R.T. -0.00 min

Lab File: BG017113.D

Acq: 13 May 2015 18:38

Instrument :

BNA_G

ClientSampleId :

TU021-TW-03

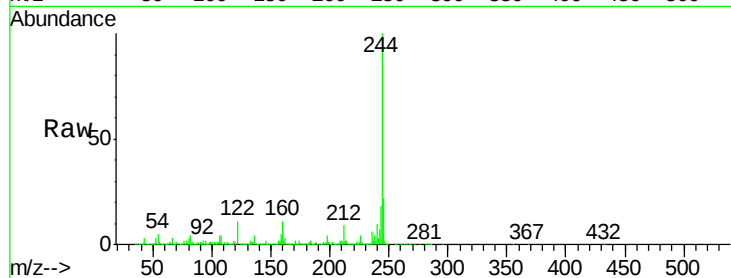
Tgt Ion:244 Resp: 1276823

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.4

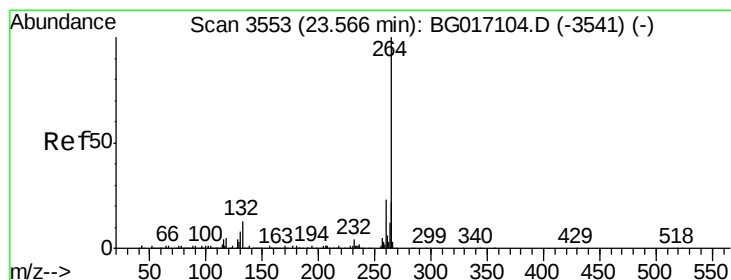
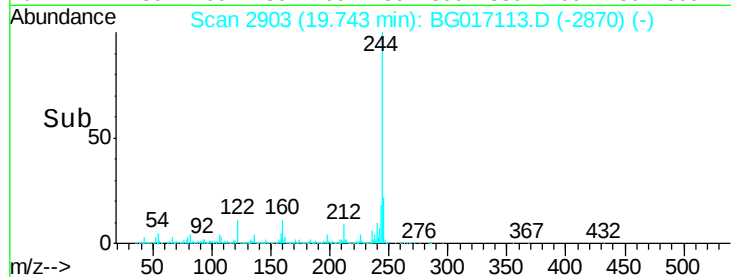
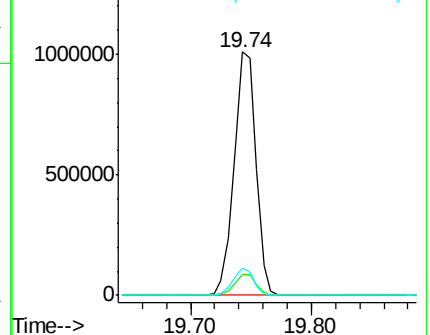
122 11.3 8.4 12.6



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: 23.56 min Scan# 3553

Delta R.T. -0.00 min

Lab File: BG017113.D

Acq: 13 May 2015 18:38

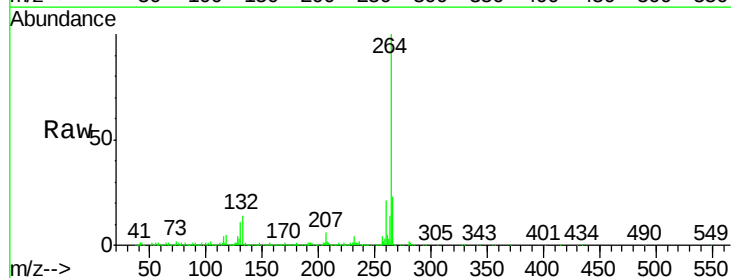
Tgt Ion:264 Resp: 320747

Ion Ratio Lower Upper

264 100

260 21.3 18.0 27.0

265 23.1 17.4 26.0



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

