

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110116\
 Data File : BG024604.D
 Acq On : 1 Nov 2016 22:22
 Operator : UM/SJ
 Sample : H5489-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-71-6.5-7.5

Quant Time: Nov 02 02:20:57 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 11:14:13 2016
 Response via : Initial Calibration

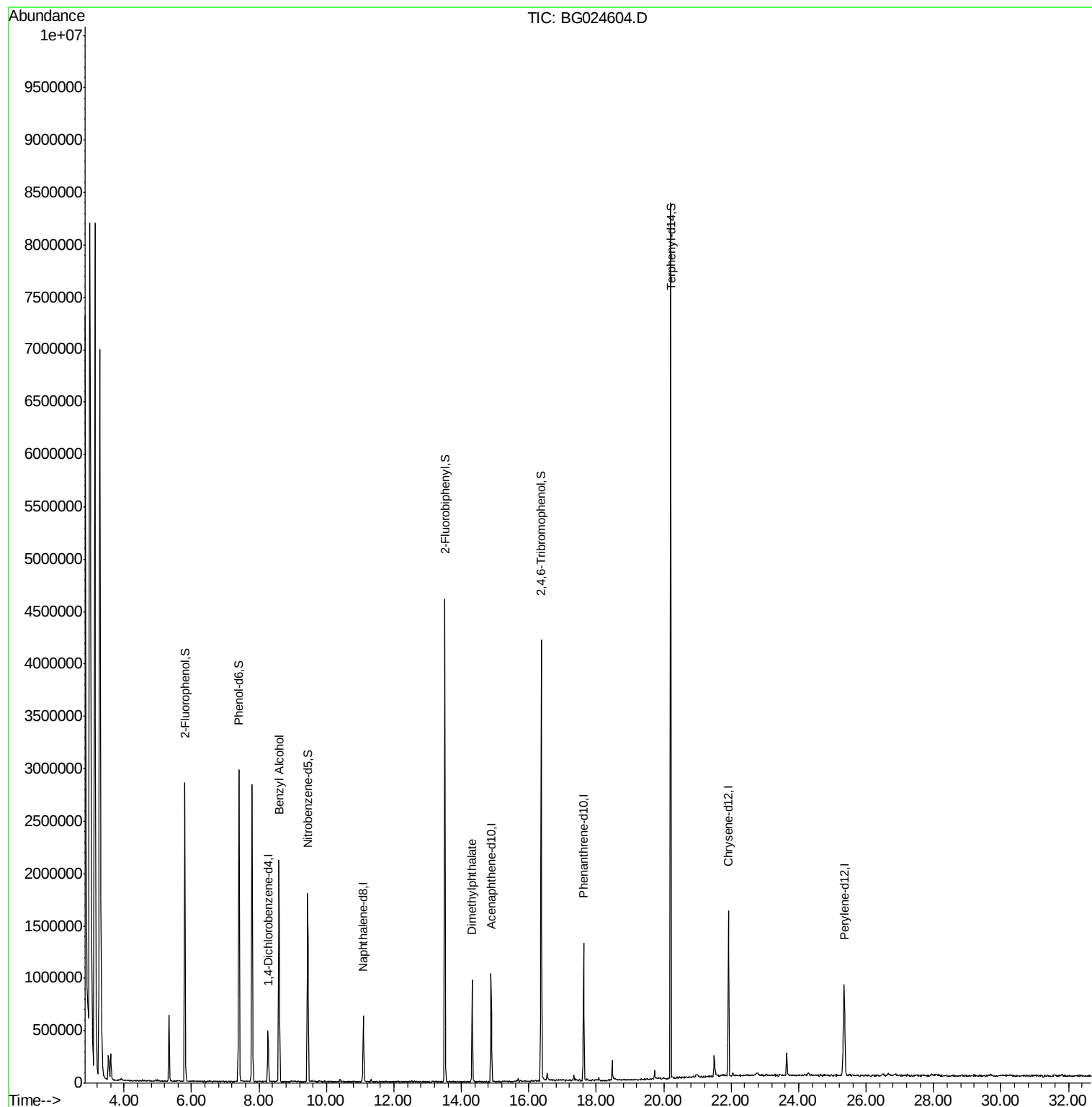
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	124229	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	495320	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	371907	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	825927	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1057498	20.00	ng	0.00
86) Perylene-d12	25.35	264	1084475	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	1164916	153.69	ng	0.00
7) Phenol-d6	7.41	99	1642925	158.02	ng	0.00
23) Nitrobenzene-d5	9.44	82	1144245	105.18	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	870835	156.73	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	2352478	105.13	ng	0.00
78) Terphenyl-d14	20.21	244	3396292	95.97	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.60	79	20462	2.12	ng	Qvalue # 54
49) Dimethylphthalate	14.32	163	613324	23.23	ng	100

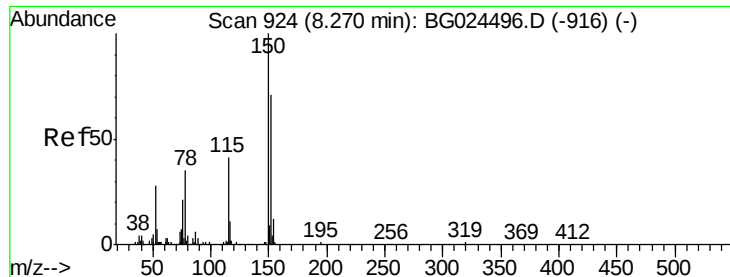
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.27 min Scan# 924

Delta R.T. -0.00 min

Lab File: BG024604.D

Acq: 1 Nov 2016 22:22

Instrument :

BNA_G

ClientSampleId :

SB-71-6.5-7.5

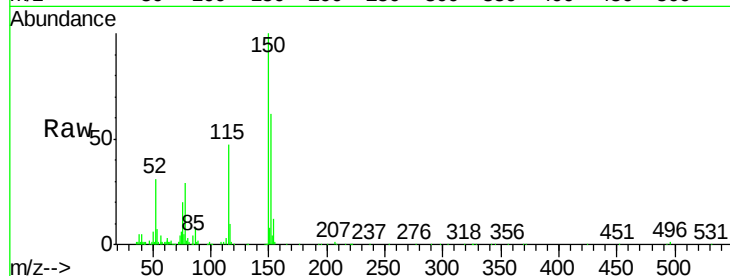
Tgt Ion:152 Resp: 124229

Ion Ratio Lower Upper

152 100

150 160.8 114.0 171.0

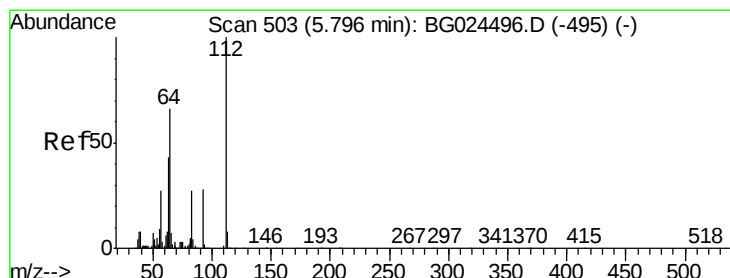
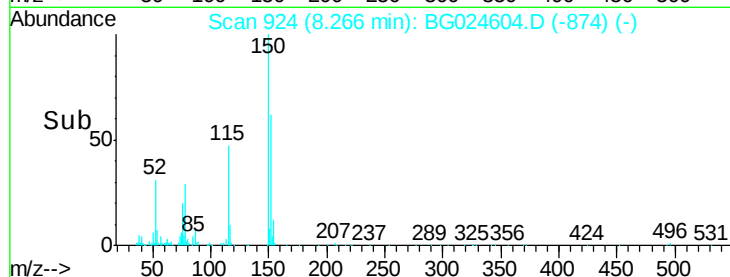
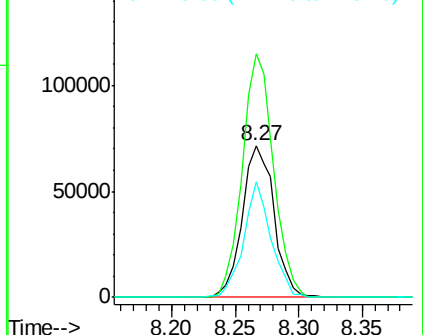
115 76.0 48.1 72.1#



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: 153.69 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.00 min

Lab File: BG024604.D

Acq: 1 Nov 2016 22:22

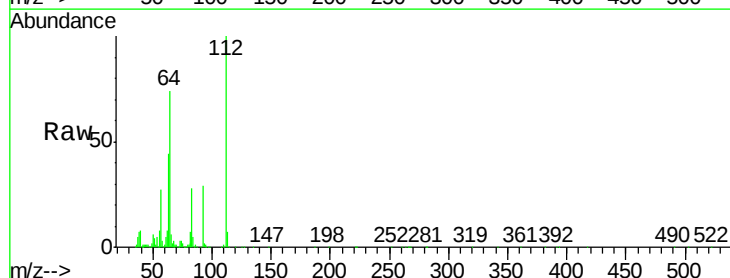
Tgt Ion:112 Resp: 1164916

Ion Ratio Lower Upper

112 100

64 74.4 61.8 92.6

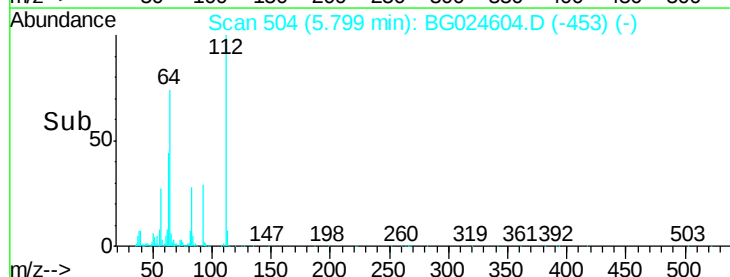
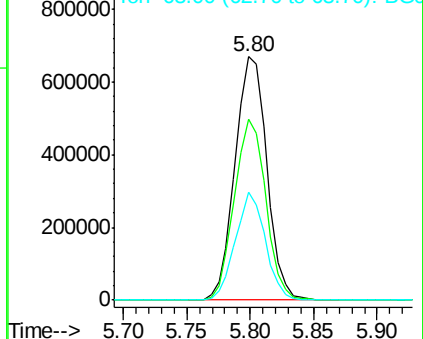
63 44.1 37.2 55.8

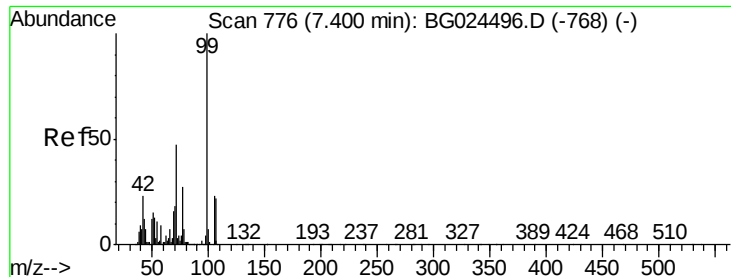


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 158.02 ng

RT: 7.41 min Scan# 778

Delta R.T. 0.01 min

Lab File: BG024604.D

Acq: 1 Nov 2016 22:22

Instrument :

BNA_G

ClientSampleId :

SB-71-6.5-7.5

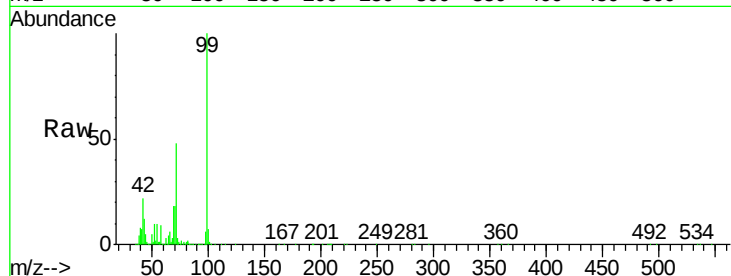
Tgt Ion: 99 Resp: 1642925

Ion Ratio Lower Upper

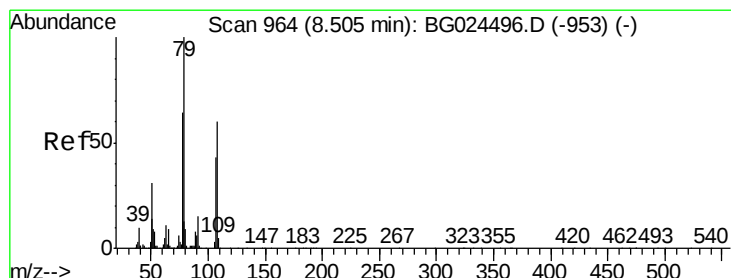
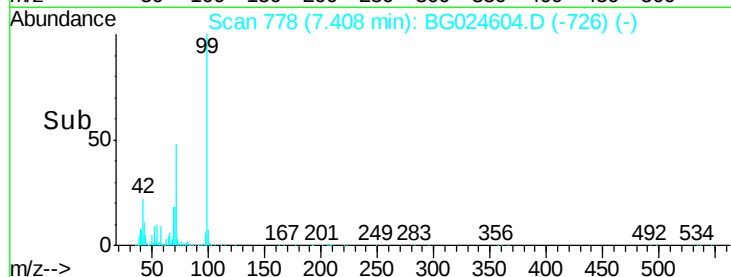
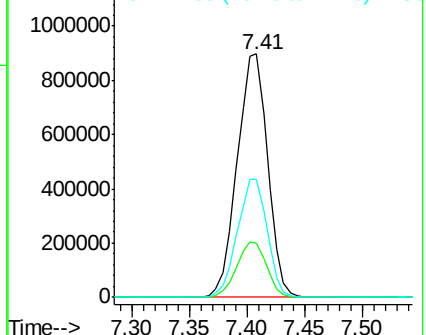
99 100

42 22.4 20.5 30.7

71 48.4 37.6 56.4



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



#15

Benzyl Alcohol

Concen: 2.12 ng

RT: 8.60 min Scan# 980

Delta R.T. 0.09 min

Lab File: BG024604.D

Acq: 1 Nov 2016 22:22

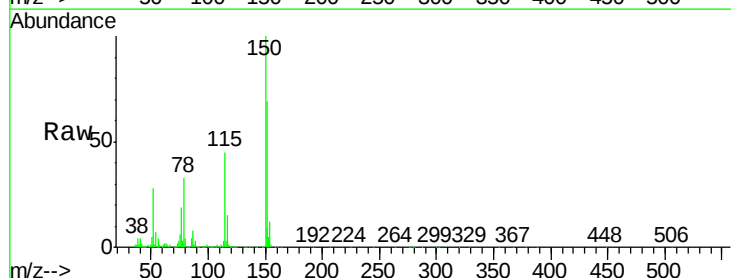
Tgt Ion: 79 Resp: 20462

Ion Ratio Lower Upper

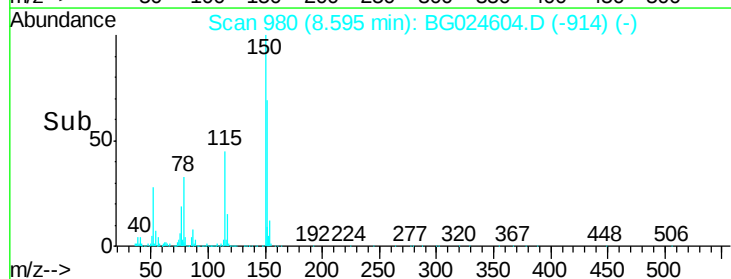
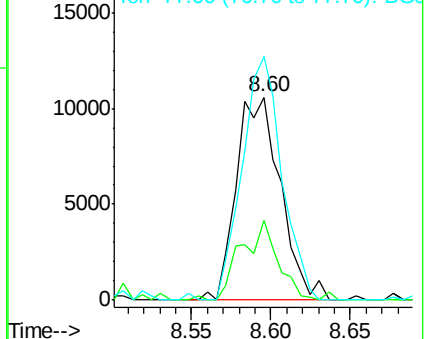
79 100

108 39.2 45.5 68.3#

77 119.9 54.3 81.5#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

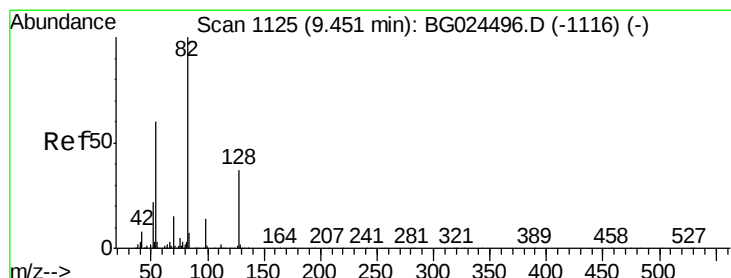
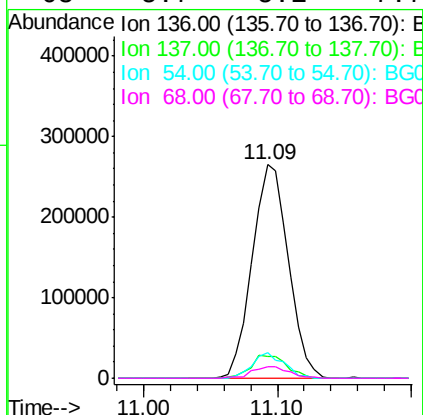
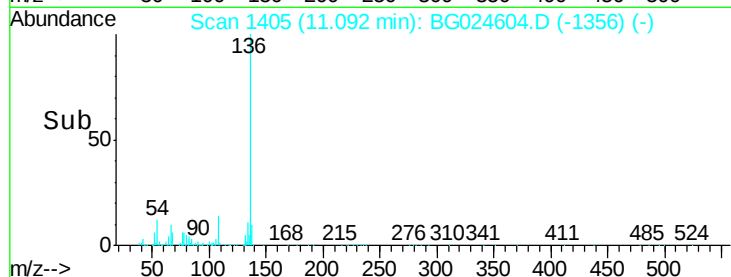
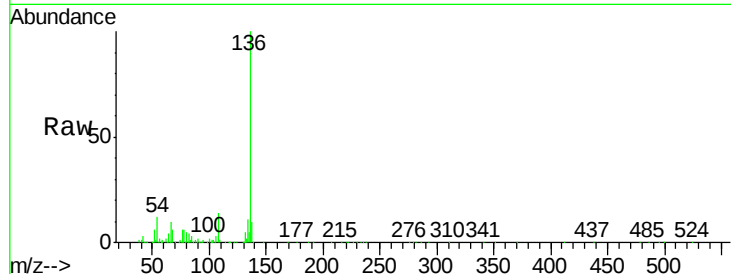




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG024604.D
Acq: 1 Nov 2016 22:22

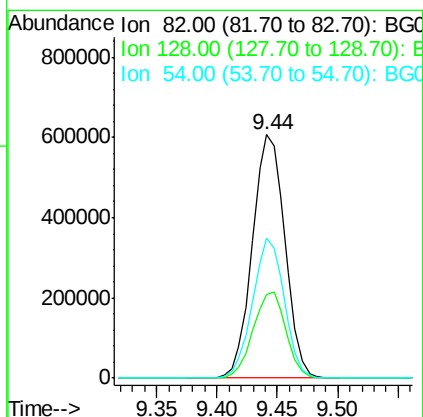
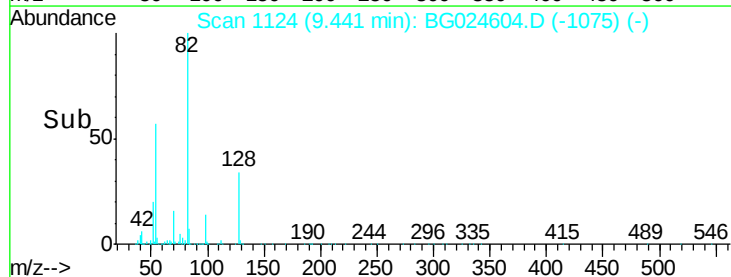
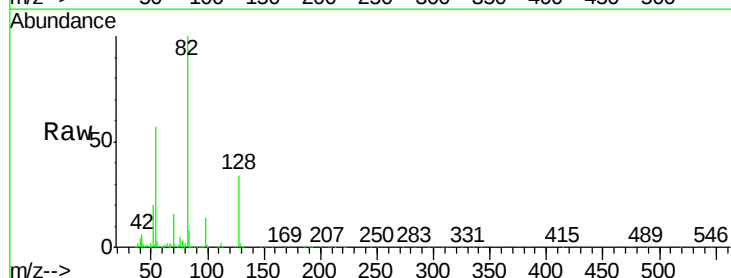
Instrument :
BNA_G
ClientSampleId :
SB-71-6.5-7.5

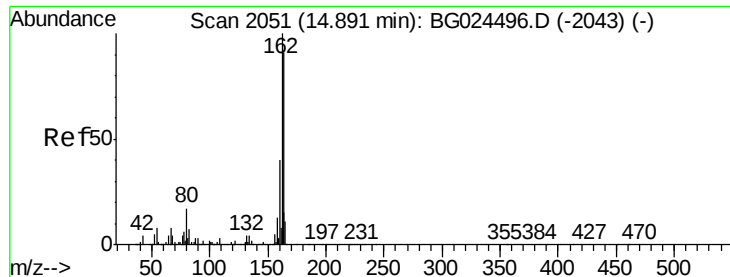
Tgt Ion:	136	Resp:	495320
Ion	Ratio	Lower	Upper
136	100		
137	9.9	8.9	13.3
54	12.0	9.3	13.9
68	5.7	5.1	7.7



#23
Nitrobenzene-d5
Concen: 105.18 ng
RT: 9.44 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BG024604.D
Acq: 1 Nov 2016 22:22

Tgt Ion:	82	Resp:	1144245
Ion	Ratio	Lower	Upper
82	100		
128	34.4	26.4	39.6
54	57.4	49.4	74.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.88 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BG024604.D

Acq: 1 Nov 2016 22:22

Instrument :

BNA_G

ClientSampleId :

SB-71-6.5-7.5

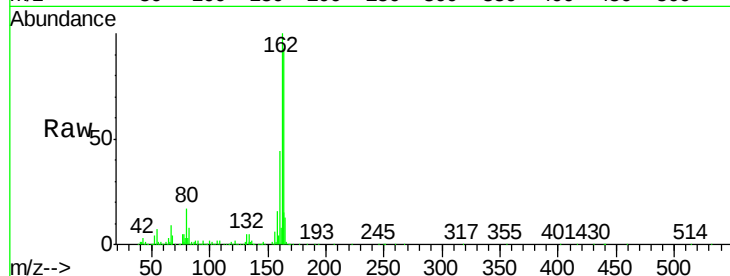
Tgt Ion:164 Resp: 371907

Ion Ratio Lower Upper

164 100

162 107.1 85.1 127.7

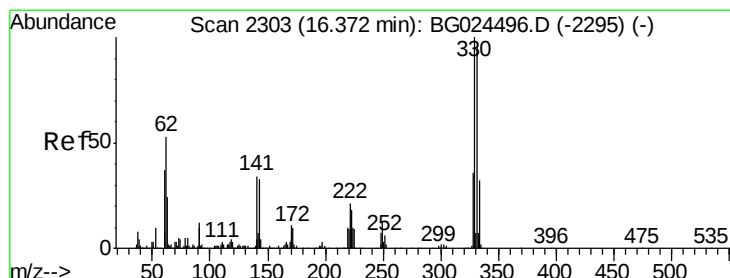
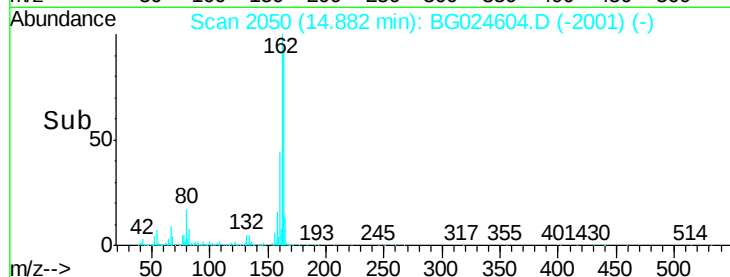
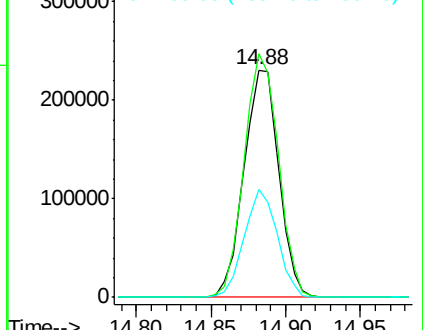
160 47.4 34.7 52.1



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: 156.73 ng

RT: 16.37 min Scan# 2303

Delta R.T. -0.00 min

Lab File: BG024604.D

Acq: 1 Nov 2016 22:22

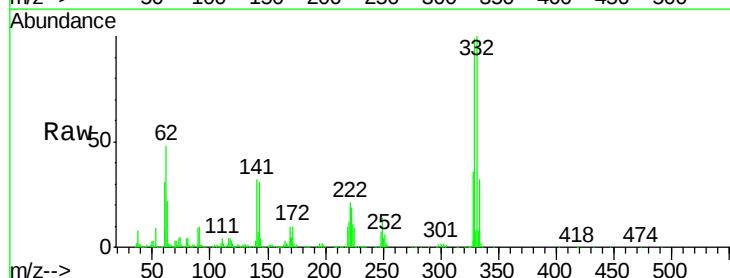
Tgt Ion:330 Resp: 870835

Ion Ratio Lower Upper

330 100

332 96.3 77.3 115.9

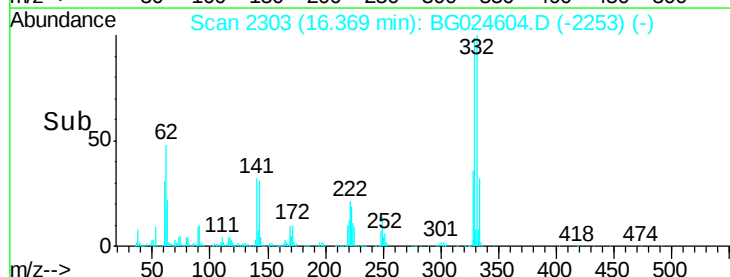
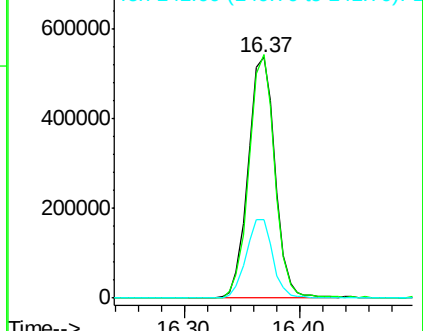
141 32.5 32.1 48.1

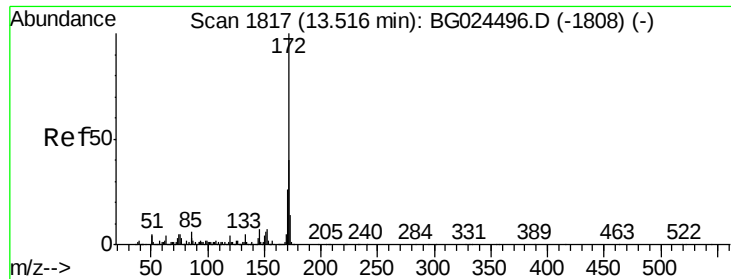


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

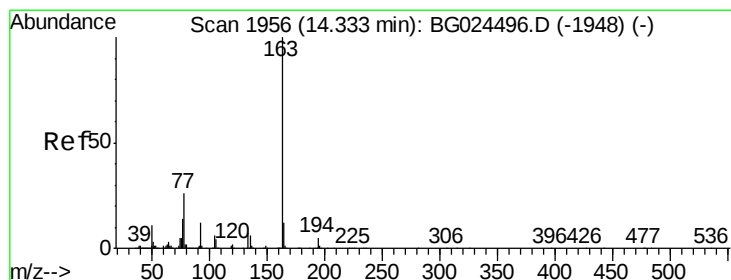
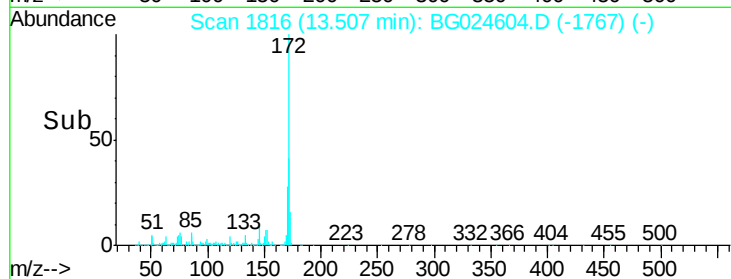
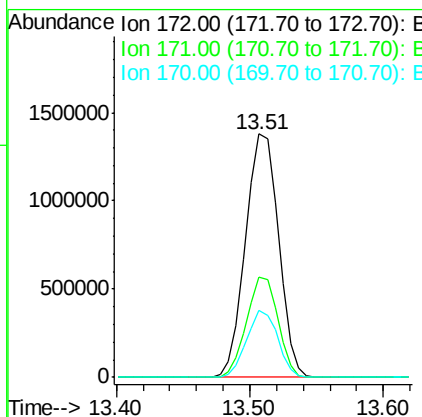
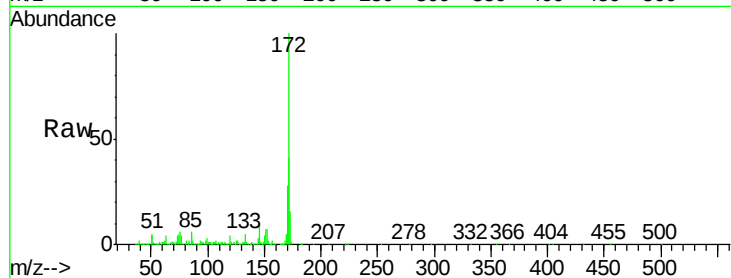




#44
2-Fluorobiphenyl
Concen: 105.13 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG024604.D
Acq: 1 Nov 2016 22:22

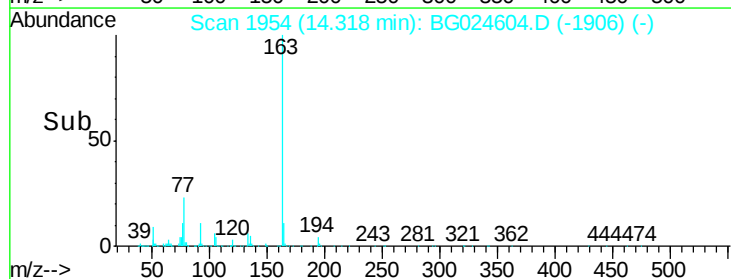
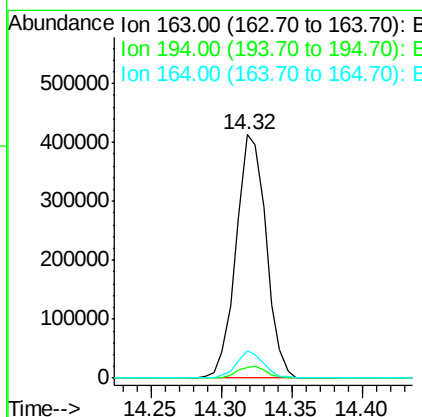
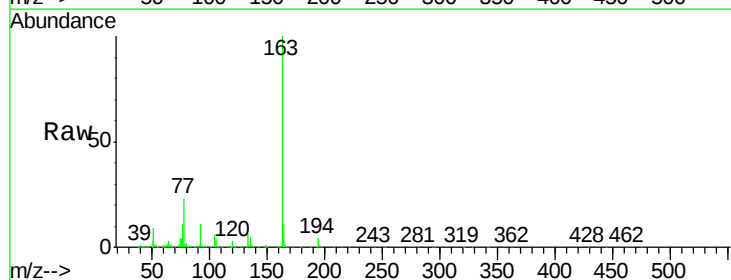
Instrument :
BNA_G
ClientSampleId :
SB-71-6.5-7.5

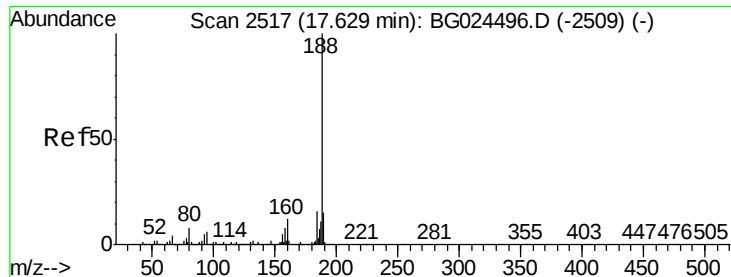
Tgt Ion:172 Resp: 2352478
Ion Ratio Lower Upper
172 100
171 41.3 32.2 48.2
170 27.7 21.8 32.6



#49
Dimethylphthalate
Concen: 23.23 ng
RT: 14.32 min Scan# 1954
Delta R.T. -0.02 min
Lab File: BG024604.D
Acq: 1 Nov 2016 22:22

Tgt Ion:163 Resp: 613324
Ion Ratio Lower Upper
163 100
194 4.5 3.8 5.6
164 11.5 9.3 13.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.63 min Scan# 2517

Delta R.T. -0.00 min

Lab File: BG024604.D

Acq: 1 Nov 2016 22:22

Instrument :

BNA_G

ClientSampleId :

SB-71-6.5-7.5

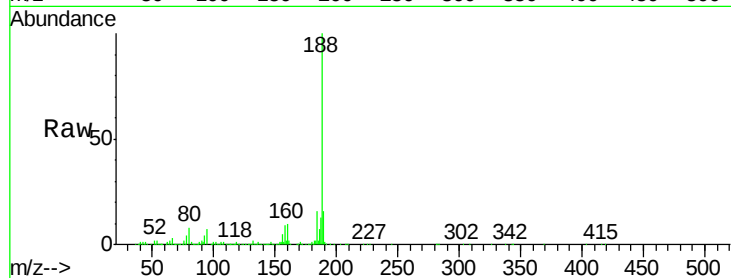
Tgt Ion:188 Resp: 825927

Ion Ratio Lower Upper

188 100

94 6.8 5.8 8.8

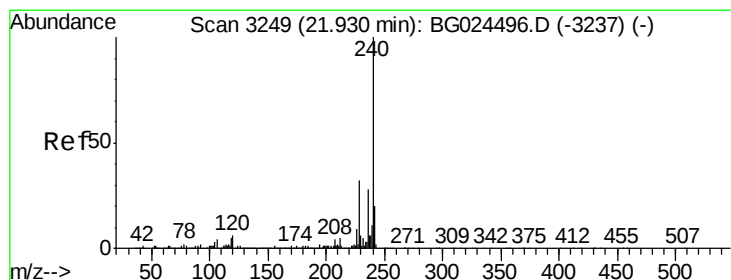
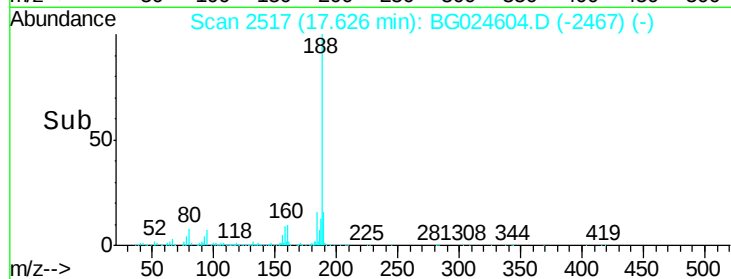
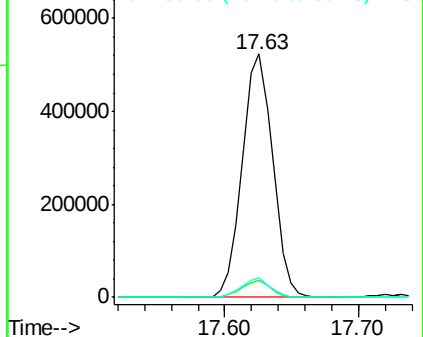
80 7.9 7.5 11.3



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: 21.92 min Scan# 3248

Delta R.T. -0.01 min

Lab File: BG024604.D

Acq: 1 Nov 2016 22:22

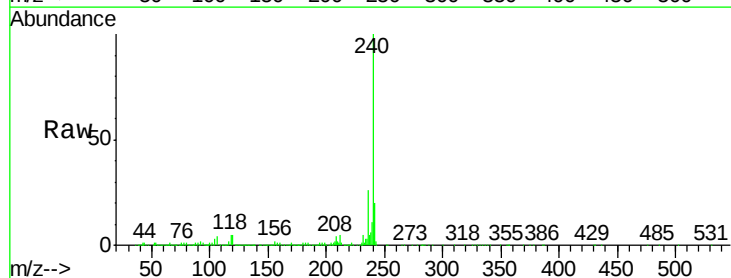
Tgt Ion:240 Resp: 1057498

Ion Ratio Lower Upper

240 100

120 5.4 5.7 8.5#

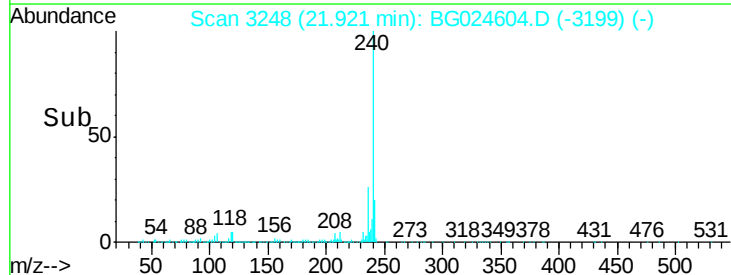
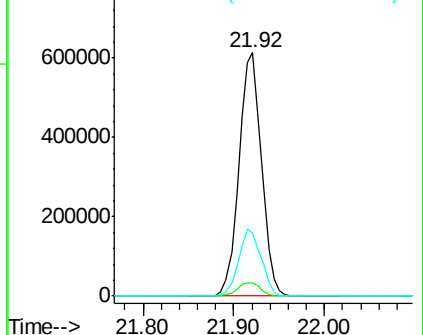
236 26.1 22.2 33.4

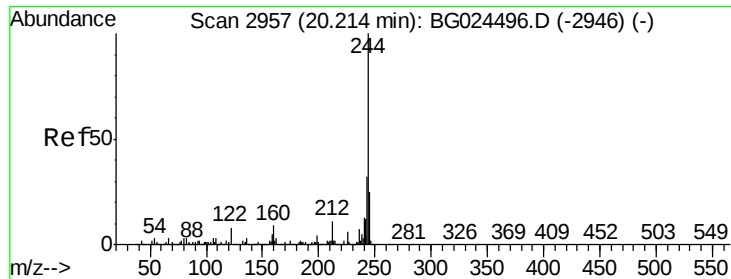


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 95.97 ng

RT: 20.21 min Scan# 2956

Delta R.T. -0.01 min

Lab File: BG024604.D

Acq: 1 Nov 2016 22:22

Instrument :

BNA_G

ClientSampleId :

SB-71-6.5-7.5

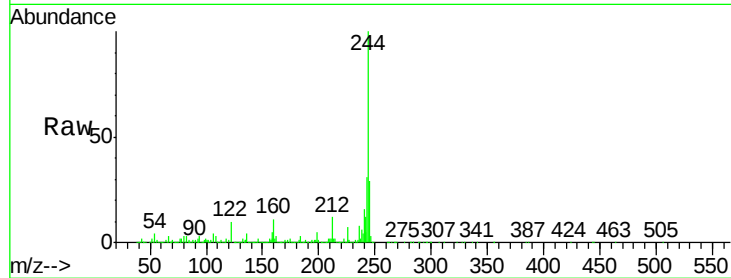
Tgt Ion:244 Resp: 3396292

Ion Ratio Lower Upper

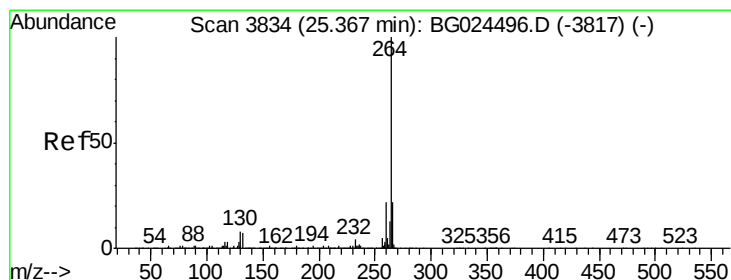
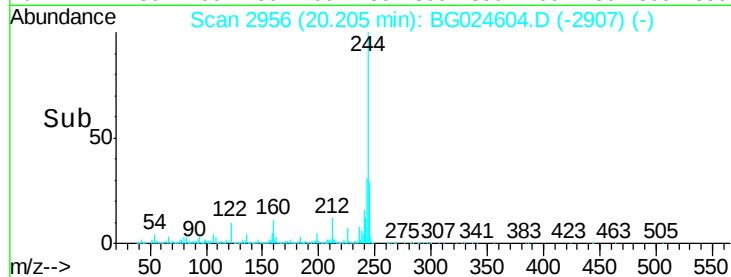
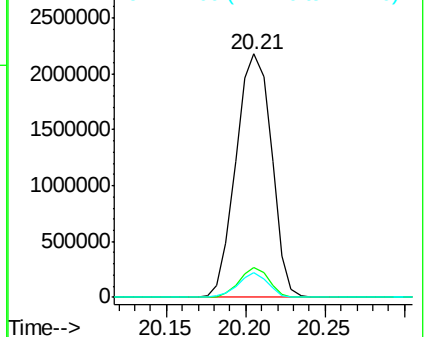
244 100

212 12.1 10.0 15.0

122 10.4 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: 25.35 min Scan# 3831

Delta R.T. -0.02 min

Lab File: BG024604.D

Acq: 1 Nov 2016 22:22

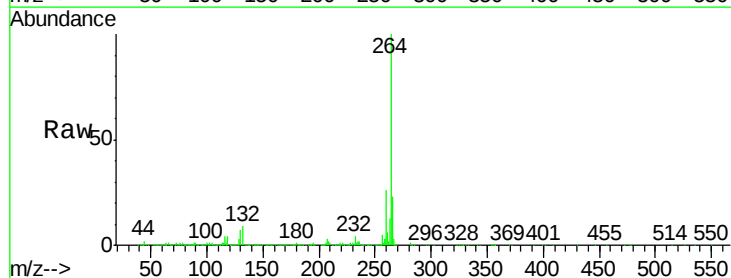
Tgt Ion:264 Resp: 1084475

Ion Ratio Lower Upper

264 100

260 26.0 21.8 32.8

265 22.8 18.2 27.4



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

