

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110316\
 Data File : BG024678.D
 Acq On : 4 Nov 2016 12:05
 Operator : UM/SJ
 Sample : H5502-24
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-90-17.5-18.0

Quant Time: Nov 04 12:53:23 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

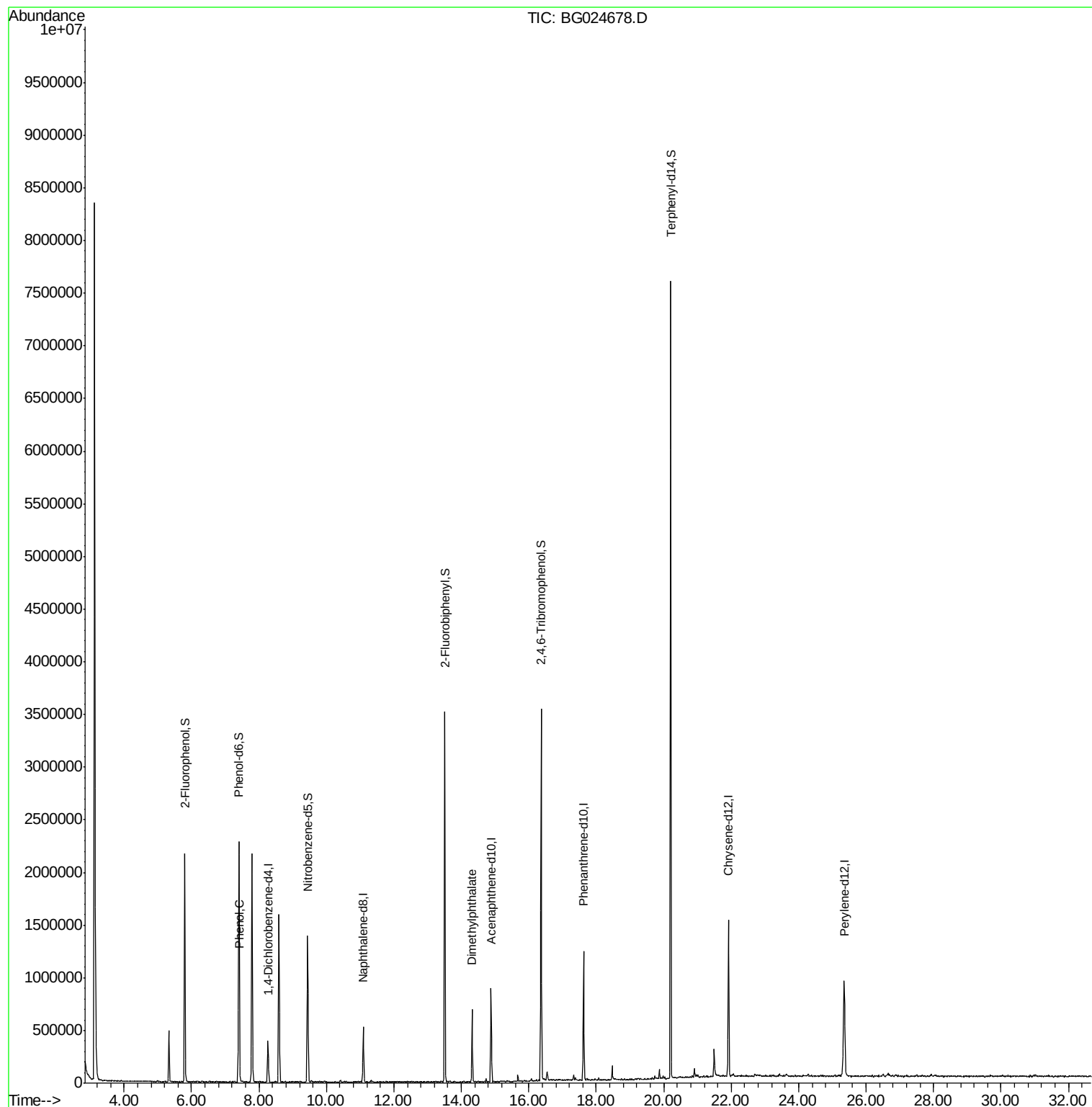
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	110500	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	419512	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	337370	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	762327	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1038965	20.00	ng	0.00
86) Perylene-d12	25.35	264	1089867	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	853852	126.65	ng	0.00
7) Phenol-d6	7.40	99	1224788	132.44	ng	0.00
23) Nitrobenzene-d5	9.44	82	867545	94.15	ng	0.00
41) 2,4,6-Tribromophenol	16.36	330	705323	139.94	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1756524	86.54	ng	0.00
78) Terphenyl-d14	20.21	244	3034634	87.28	ng	0.00
Target Compounds						
10) Phenol	7.43	94	21113	2.21	ng	Qvalue # 71
49) Dimethylphthalate	14.32	163	421033	17.58	ng	97

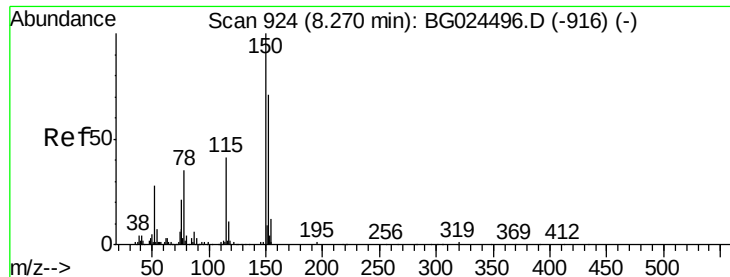
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG024678.D

Acq: 4 Nov 2016 12:05

Instrument :

BNA_G

ClientSampleId :

SB-90-17.5-18.0

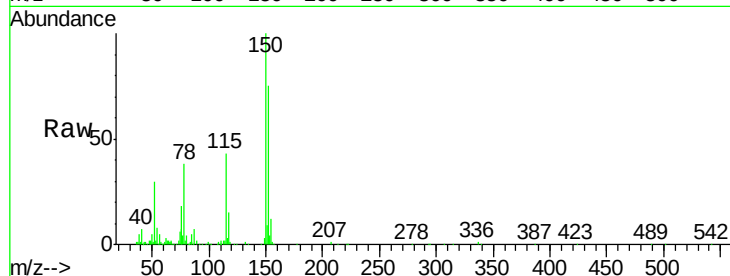
Tgt Ion:152 Resp: 110500

Ion Ratio Lower Upper

152 100

150 133.1 114.0 171.0

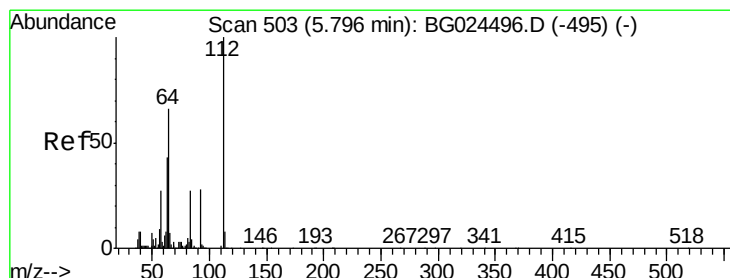
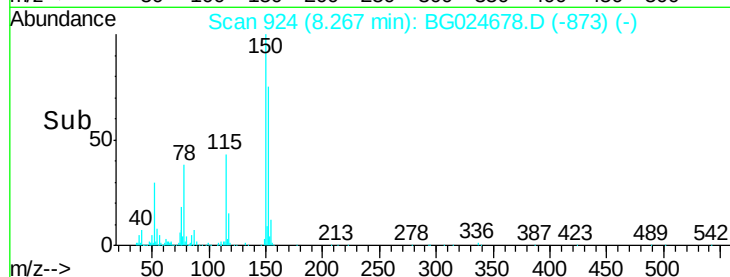
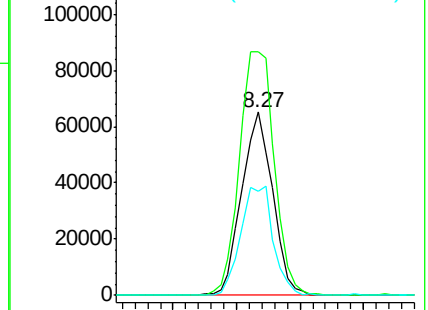
115 57.2 48.1 72.1



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: 126.65 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.00 min

Lab File: BG024678.D

Acq: 4 Nov 2016 12:05

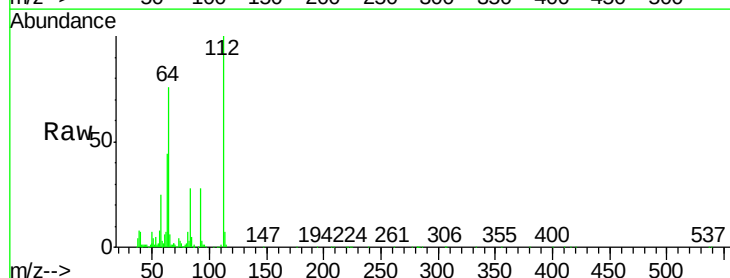
Tgt Ion:112 Resp: 853852

Ion Ratio Lower Upper

112 100

64 76.5 61.8 92.6

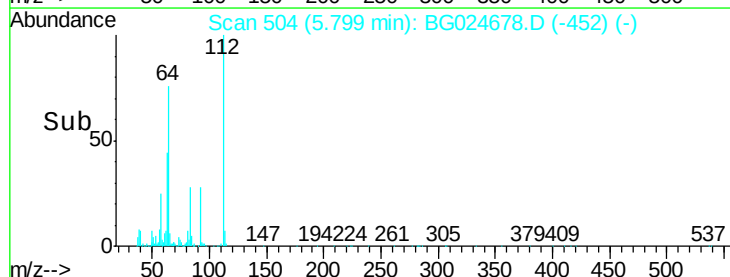
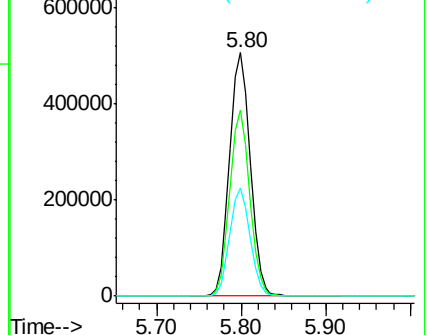
63 44.3 37.2 55.8

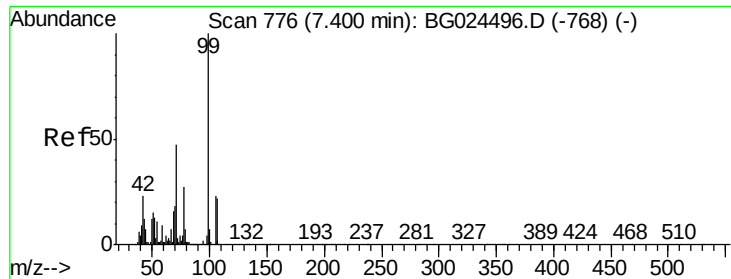


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 132.44 ng

RT: 7.40 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG024678.D

Acq: 4 Nov 2016 12:05

Instrument :

BNA_G

ClientSampleId :

SB-90-17.5-18.0

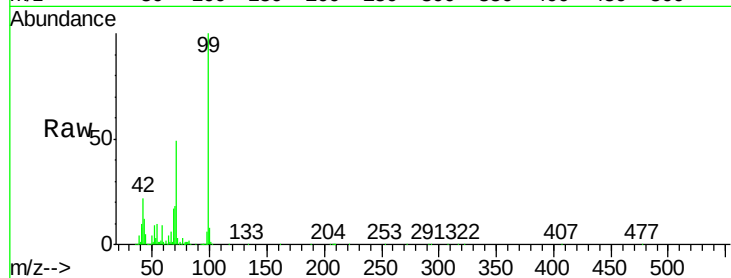
Tgt Ion: 99 Resp: 1224788

Ion Ratio Lower Upper

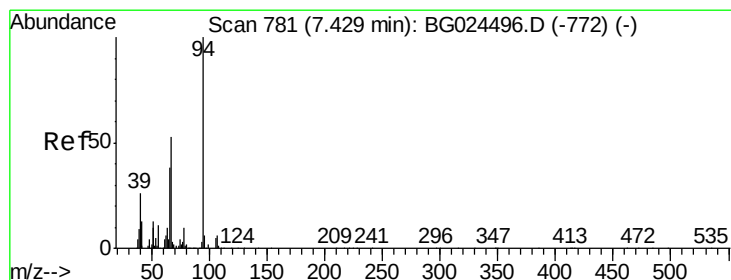
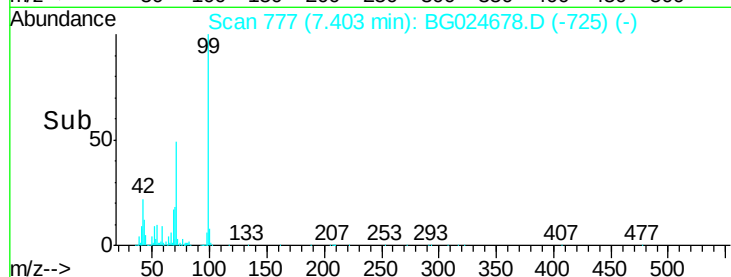
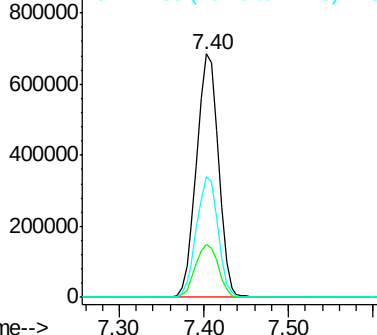
99 100

42 21.9 20.5 30.7

71 49.5 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



#10

Phenol

Concen: 2.21 ng

RT: 7.43 min Scan# 781

Delta R.T. -0.00 min

Lab File: BG024678.D

Acq: 4 Nov 2016 12:05

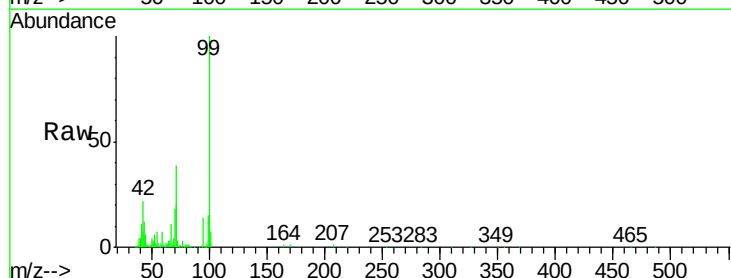
Tgt Ion: 94 Resp: 21113

Ion Ratio Lower Upper

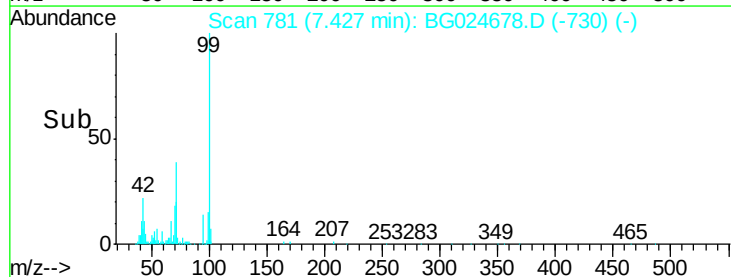
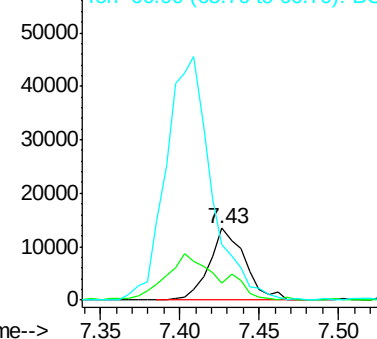
94 100

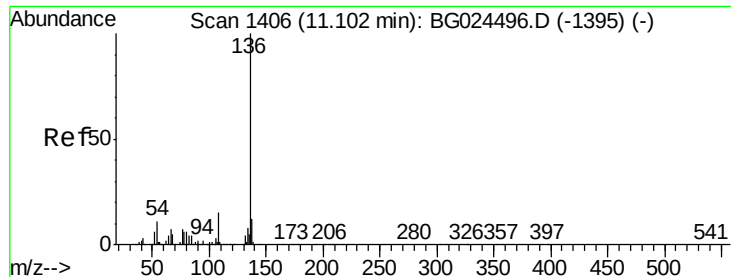
65 24.2 20.6 60.6

66 77.8 35.5 75.5#



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

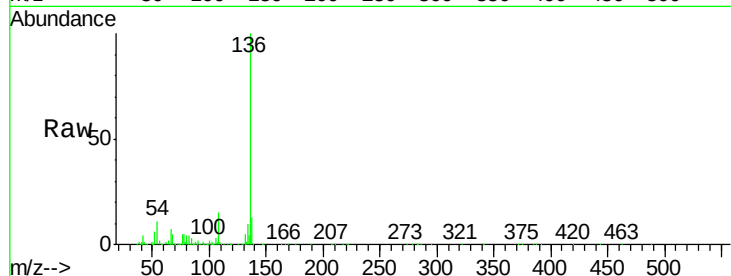




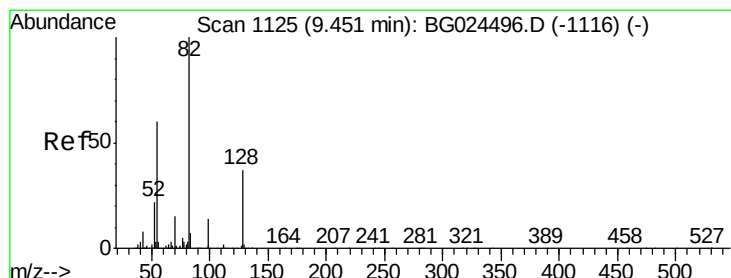
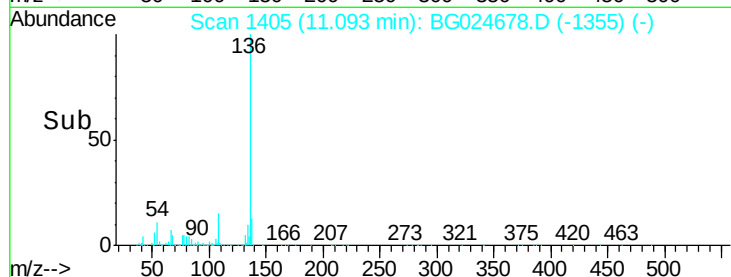
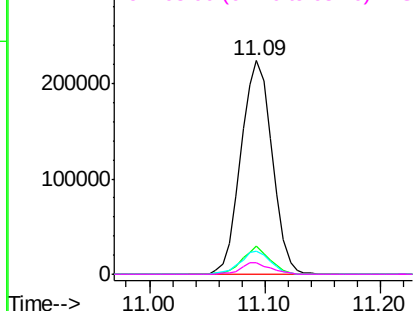
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG024678.D
Acq: 4 Nov 2016 12:05

Instrument :
BNA_G
ClientSampleId :
SB-90-17.5-18.0

Tgt Ion:	136	Resp:	419512
Ion	Ratio	Lower	Upper
136	100		
137	13.0	8.9	13.3
54	11.1	9.3	13.9
68	5.3	5.1	7.7

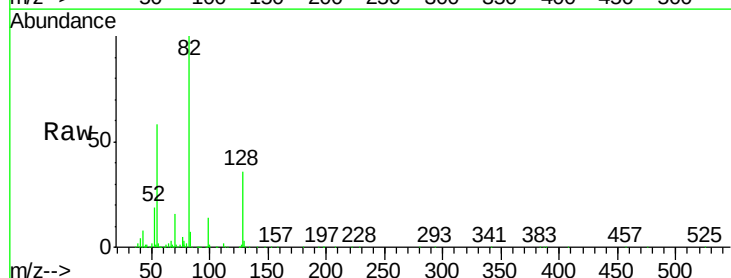


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

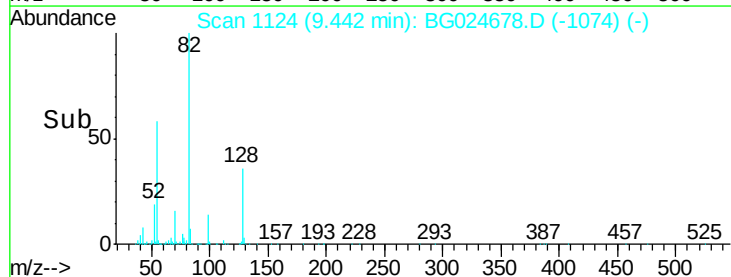
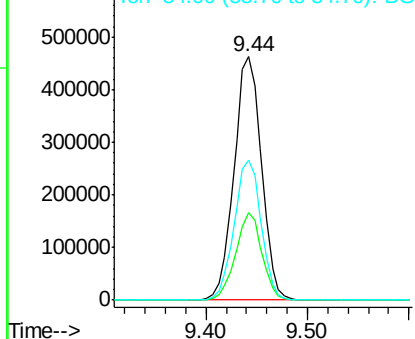


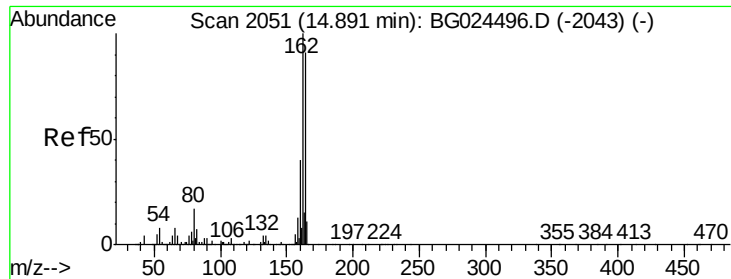
#23
Nitrobenzene-d5
Concen: 94.15 ng
RT: 9.44 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BG024678.D
Acq: 4 Nov 2016 12:05

Tgt Ion:	82	Resp:	867545
Ion	Ratio	Lower	Upper
82	100		
128	35.7	26.4	39.6
54	57.6	49.4	74.2



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.88 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BG024678.D

Acq: 4 Nov 2016 12:05

Instrument :

BNA_G

ClientSampleId :

SB-90-17.5-18.0

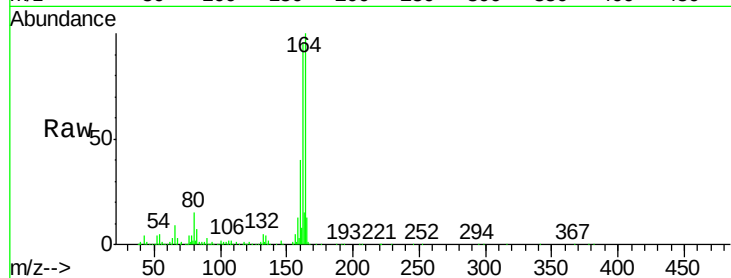
Tgt Ion:164 Resp: 337370

Ion Ratio Lower Upper

164 100

162 95.9 85.1 127.7

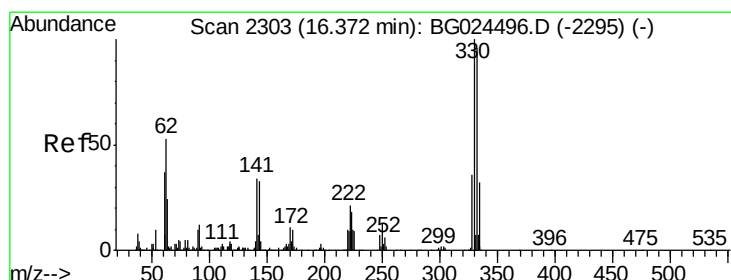
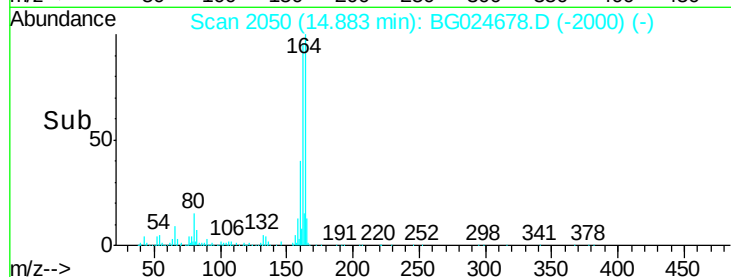
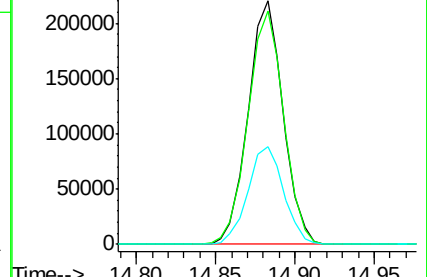
160 40.0 34.7 52.1



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: 139.94 ng

RT: 16.36 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BG024678.D

Acq: 4 Nov 2016 12:05

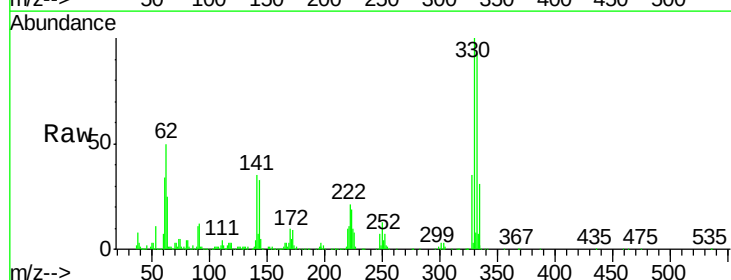
Tgt Ion:330 Resp: 705323

Ion Ratio Lower Upper

330 100

332 94.7 77.3 115.9

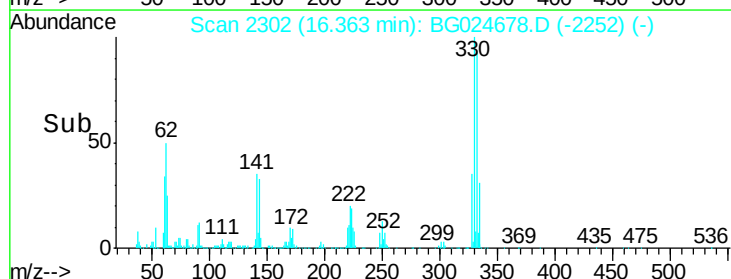
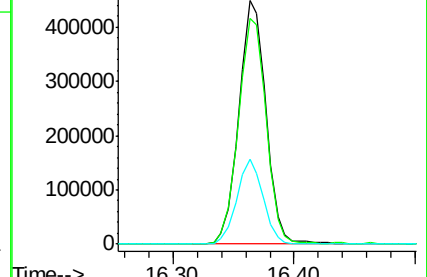
141 34.1 32.1 48.1

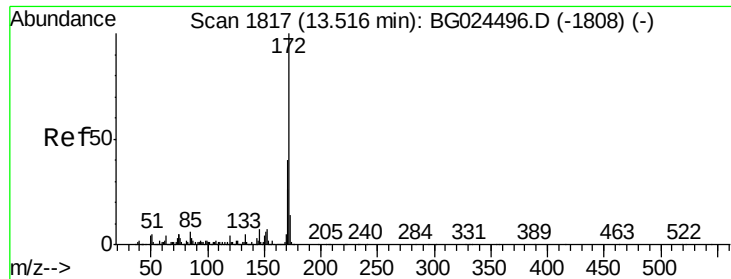


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

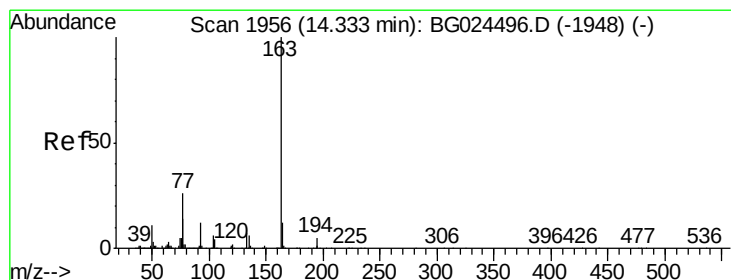
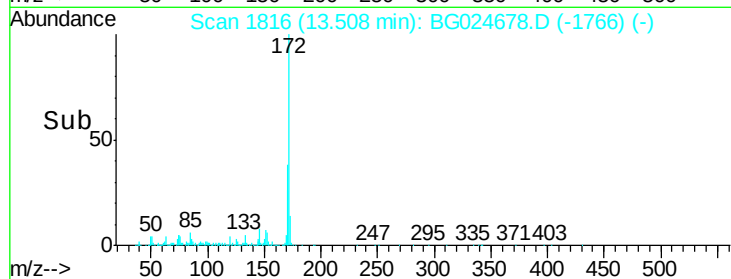
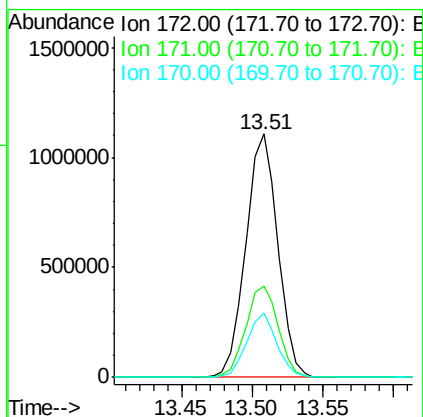
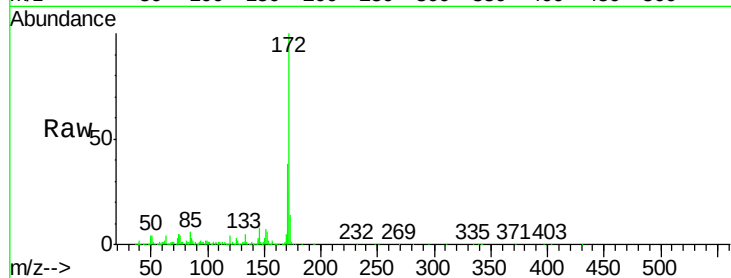




#44
2-Fluorobiphenyl
Concen: 86.54 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG024678.D
Acq: 4 Nov 2016 12:05

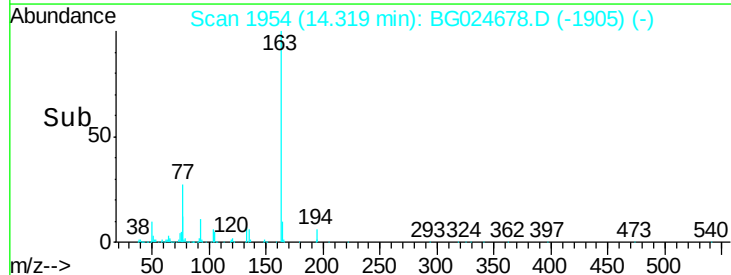
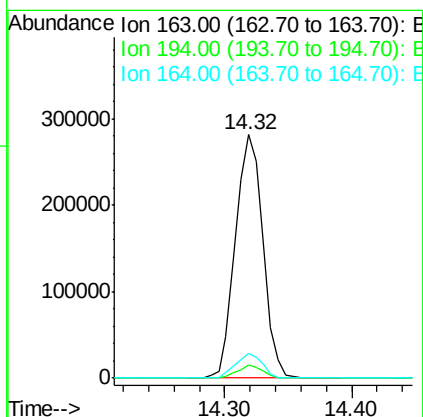
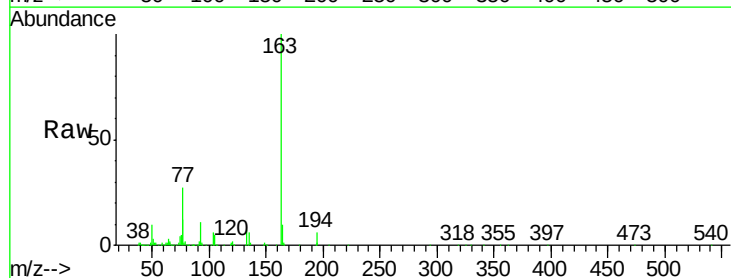
Instrument :
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SB-90-17.5-18.0

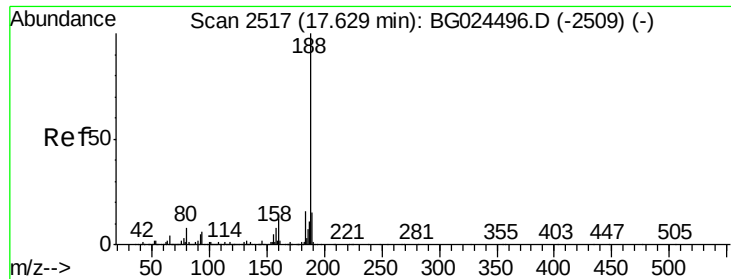
Tgt Ion:172 Resp: 1756524
Ion Ratio Lower Upper
172 100
171 37.5 32.2 48.2
170 26.3 21.8 32.6



#49
Dimethylphthalate
Concen: 17.58 ng
RT: 14.32 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BG024678.D
Acq: 4 Nov 2016 12:05

Tgt Ion:163 Resp: 421033
Ion Ratio Lower Upper
163 100
194 5.5 3.8 5.6
164 10.4 9.3 13.9

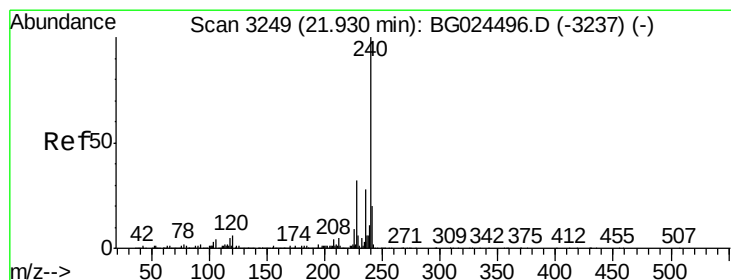
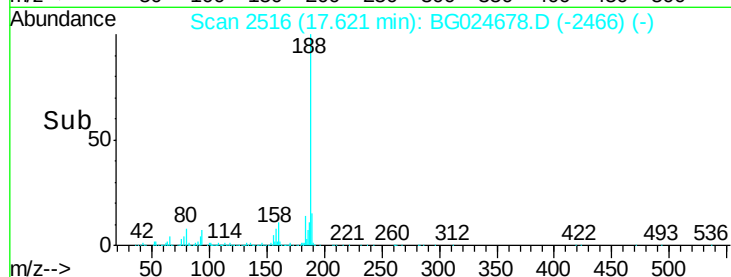
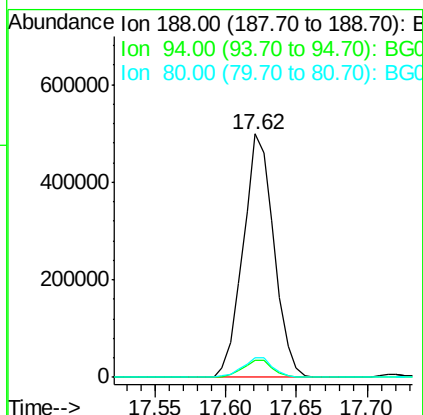
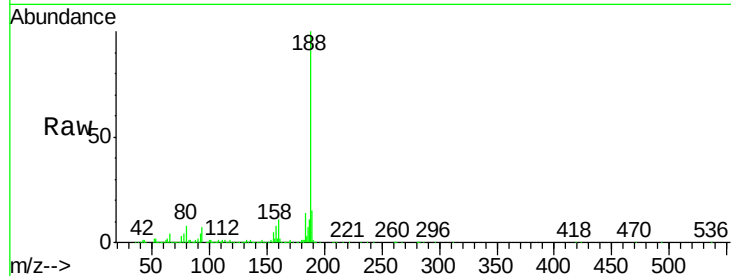




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.62 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BG024678.D
Acq: 4 Nov 2016 12:05

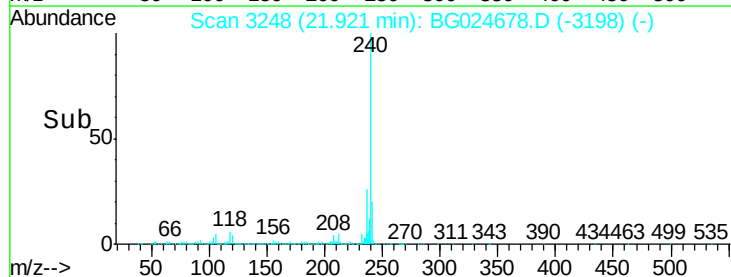
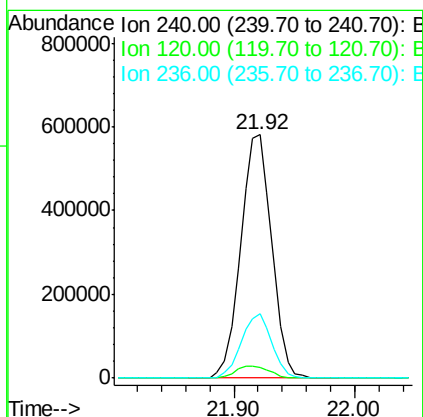
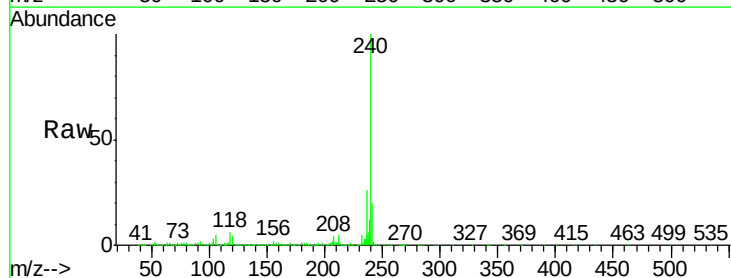
Instrument :
BNA_G
ClientSampleId :
SB-90-17.5-18.0

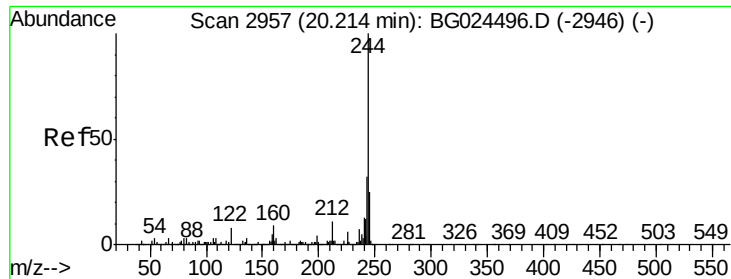
Tgt Ion:188 Resp: 762327
Ion Ratio Lower Upper
188 100
94 7.0 5.8 8.8
80 8.1 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3248
Delta R.T. -0.01 min
Lab File: BG024678.D
Acq: 4 Nov 2016 12:05

Tgt Ion:240 Resp: 1038965
Ion Ratio Lower Upper
240 100
120 4.5 5.7 8.5#
236 26.3 22.2 33.4





#78

Terphenyl-d14

Concen: 87.28 ng

RT: 20.21 min Scan# 2956

Delta R.T. -0.01 min

Lab File: BG024678.D

Acq: 4 Nov 2016 12:05

Instrument :

BNA_G

ClientSampleId :

SB-90-17.5-18.0

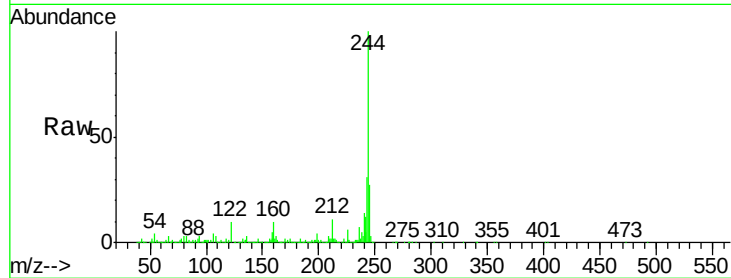
Tgt Ion:244 Resp: 3034634

Ion Ratio Lower Upper

244 100

212 11.4 10.0 15.0

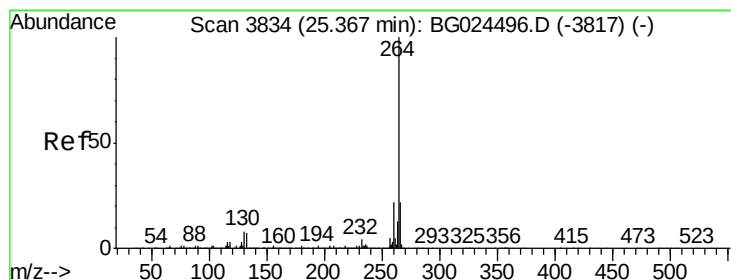
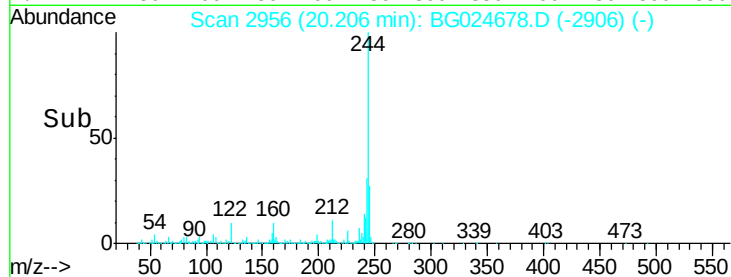
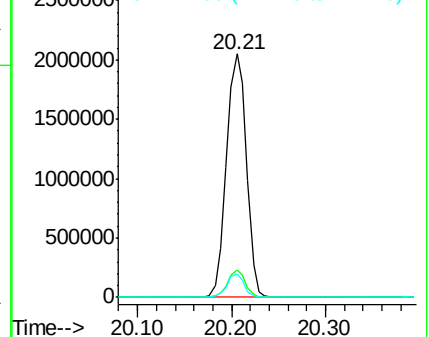
122 9.8 8.6 12.8



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# 3832

Delta R.T. -0.01 min

Lab File: BG024678.D

Acq: 4 Nov 2016 12:05

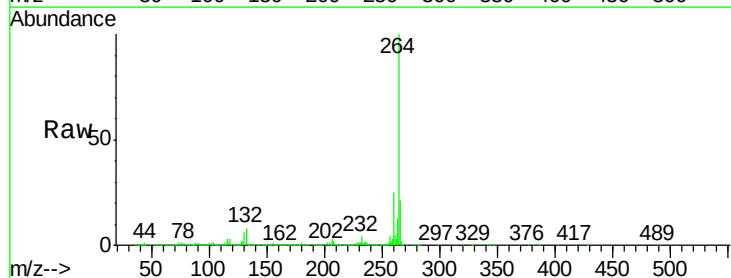
Tgt Ion:264 Resp: 1089867

Ion Ratio Lower Upper

264 100

260 25.4 21.8 32.8

265 21.3 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

