

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103116\
 Data File : BG024578.D
 Acq On : 1 Nov 2016 5:42
 Operator : UM/SJ
 Sample : H5445-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-1-8-9

Quant Time: Nov 01 12:03:47 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 01 11:50:40 2016
 Response via : Initial Calibration

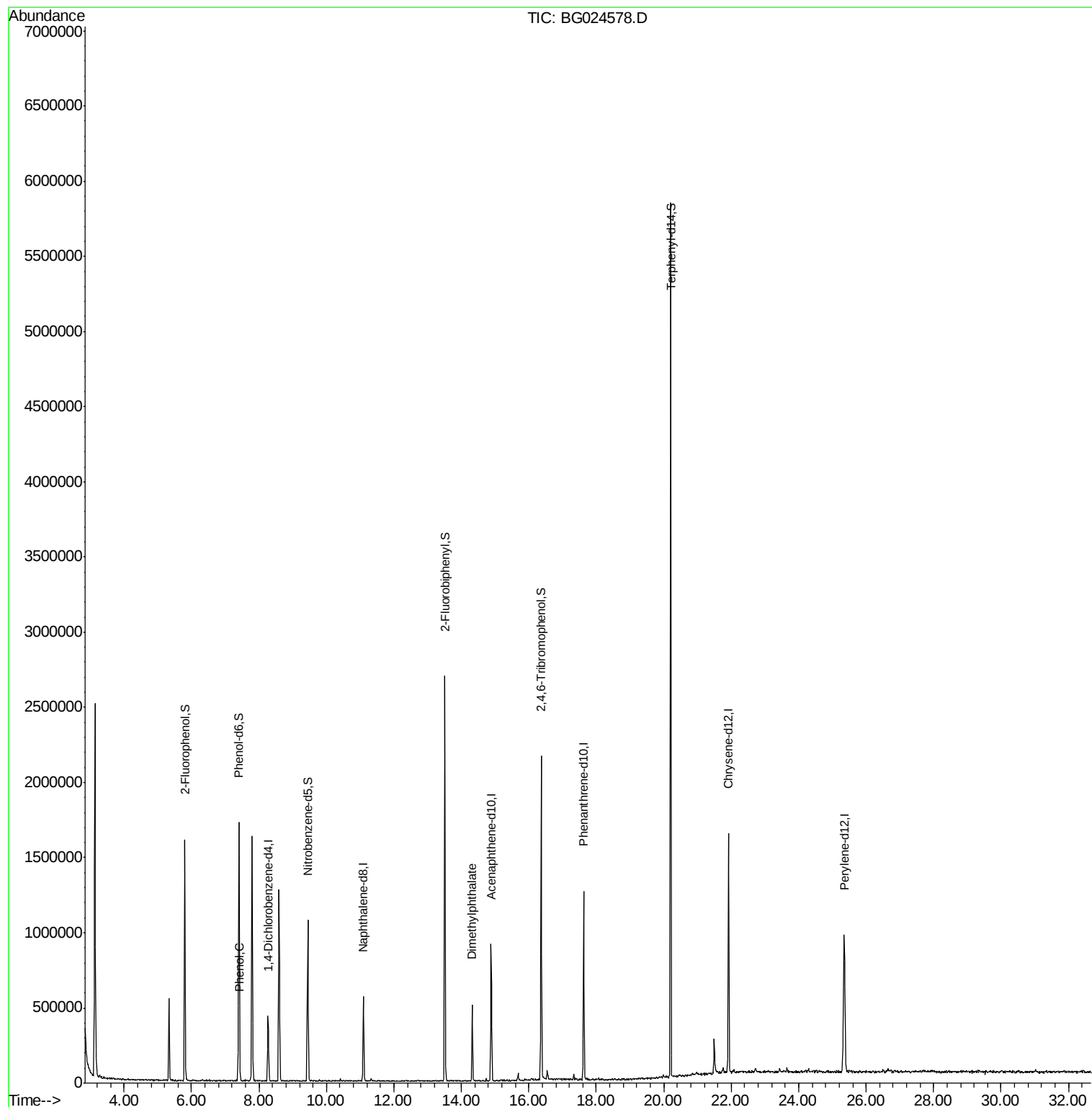
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	119090	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	463760	20.00	ng	0.00
38) Acenaphthene-d10	14.89	164	350889	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	764514	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1065227	20.00	ng	0.00
86) Perylene-d12	25.35	264	1127034	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	648823	89.29	ng	0.00
7) Phenol-d6	7.40	99	962892	96.61	ng	0.00
23) Nitrobenzene-d5	9.45	82	692864	68.02	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	446967	85.26	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1407549	66.67	ng	0.00
78) Terphenyl-d14	20.20	244	2351250	65.96	ng	0.00
Target Compounds						
10) Phenol	7.43	94	24444	2.38	ng	Qvalue # 73
49) Dimethylphthalate	14.32	163	315850	12.68	ng	96

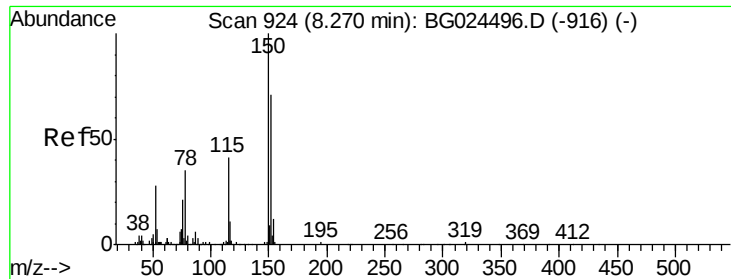
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.27 min Scan# 924

Delta R.T. -0.01 min

Lab File: BG024578.D

Acq: 1 Nov 2016 5:42

Instrument :

BNA_G

ClientSampleId :

SB-1-8-9

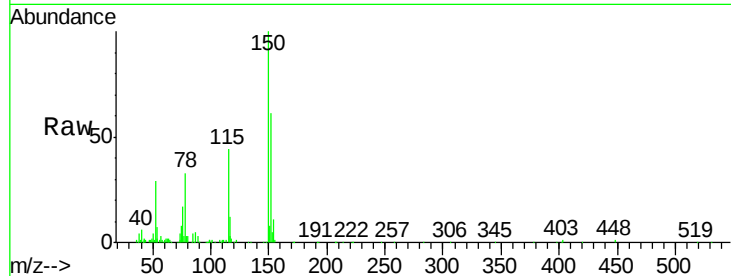
Tgt Ion:152 Resp: 119090

Ion Ratio Lower Upper

152 100

150 164.9 114.0 171.0

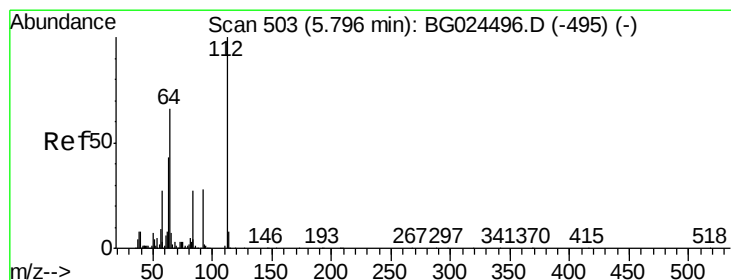
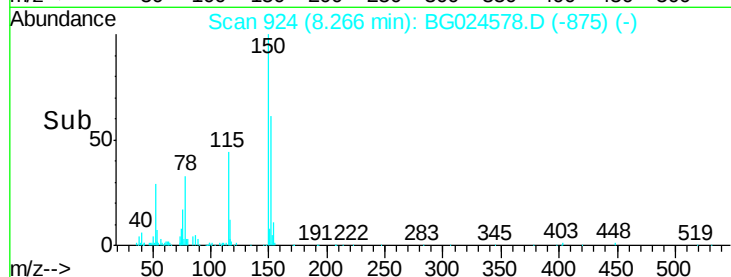
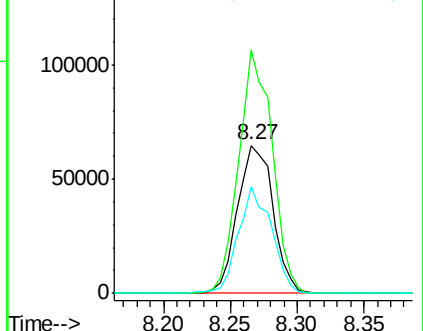
115 72.4 48.1 72.1#



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: 89.29 ng

RT: 5.80 min Scan# 504

Delta R.T. -0.00 min

Lab File: BG024578.D

Acq: 1 Nov 2016 5:42

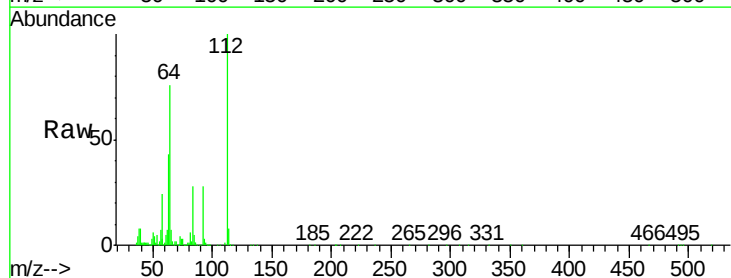
Tgt Ion:112 Resp: 648823

Ion Ratio Lower Upper

112 100

64 75.9 61.8 92.6

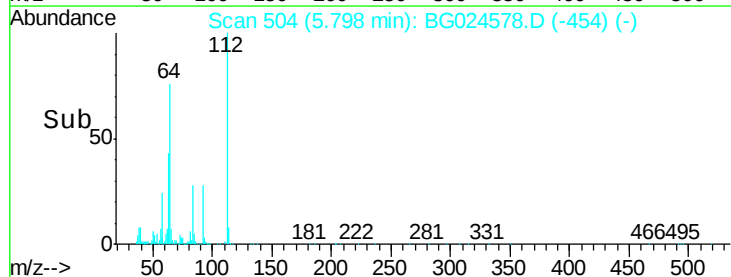
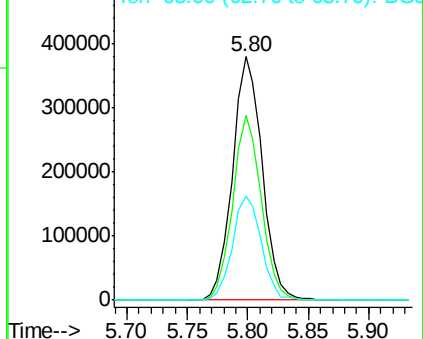
63 43.0 37.2 55.8

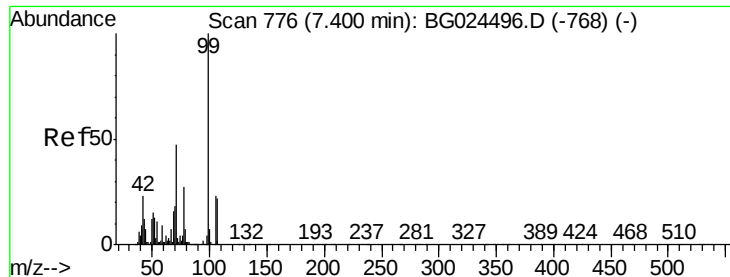


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 96.61 ng

RT: 7.40 min Scan# 777

Delta R.T. -0.00 min

Lab File: BG024578.D

Acq: 1 Nov 2016 5:42

Instrument :

BNA_G

ClientSampleId :

SB-1-8-9

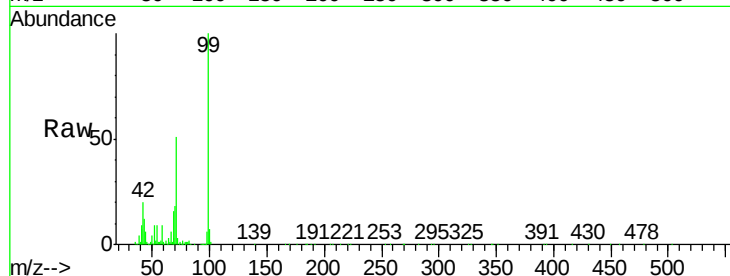
Tgt Ion: 99 Resp: 962892

Ion Ratio Lower Upper

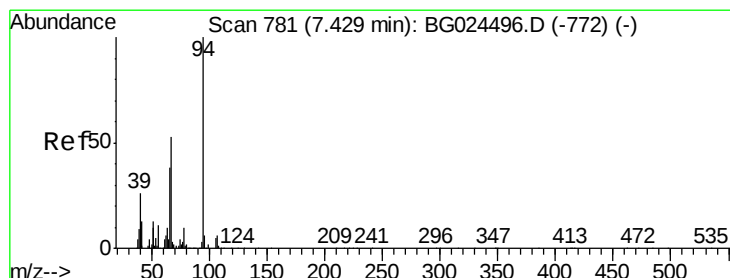
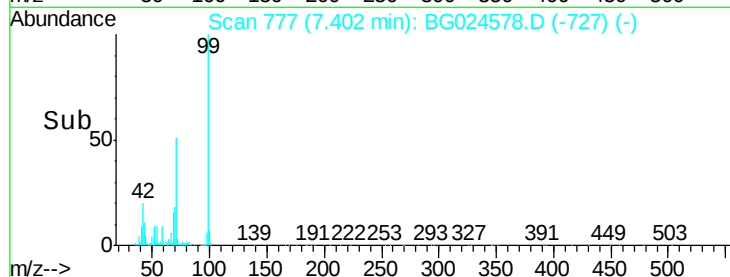
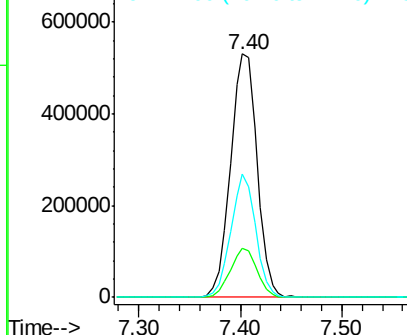
99 100

42 19.9 20.5 30.7#

71 50.6 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: 2.38 ng

RT: 7.43 min Scan# 782

Delta R.T. 0.00 min

Lab File: BG024578.D

Acq: 1 Nov 2016 5:42

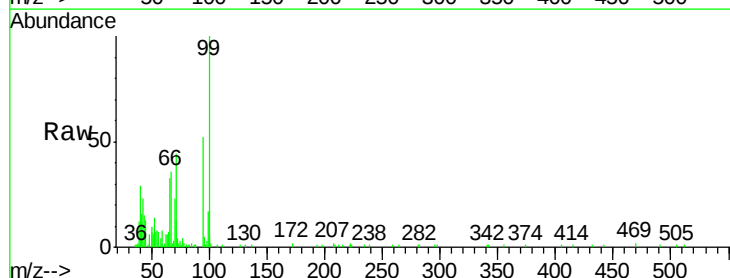
Tgt Ion: 94 Resp: 24444

Ion Ratio Lower Upper

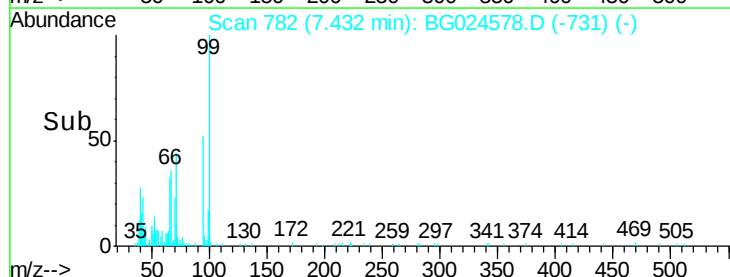
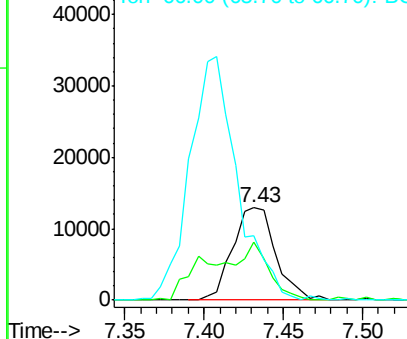
94 100

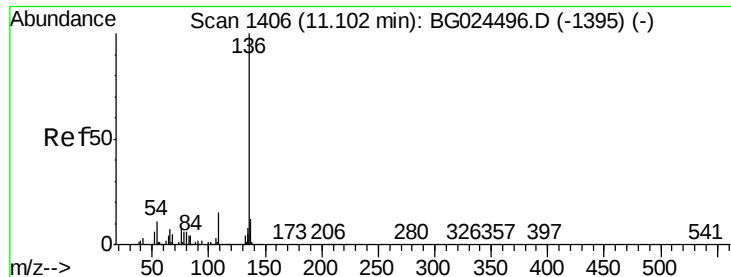
65 63.4 20.6 60.6#

66 69.4 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

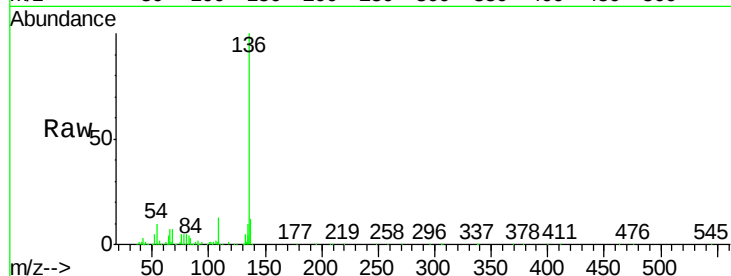




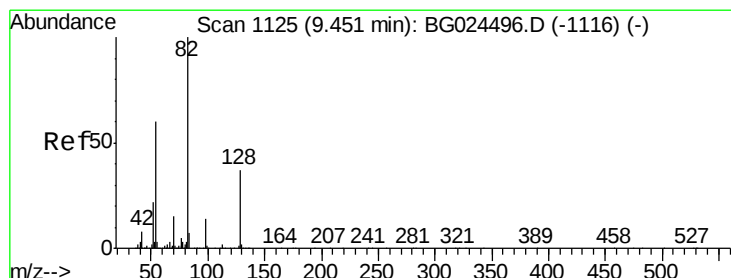
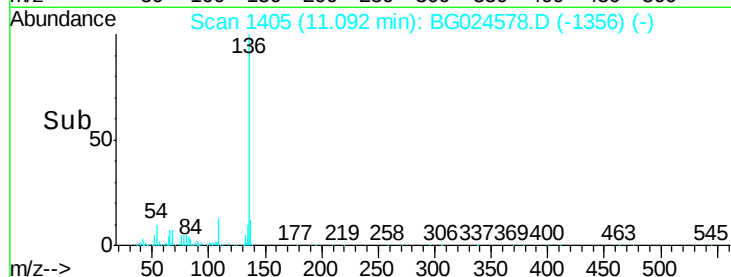
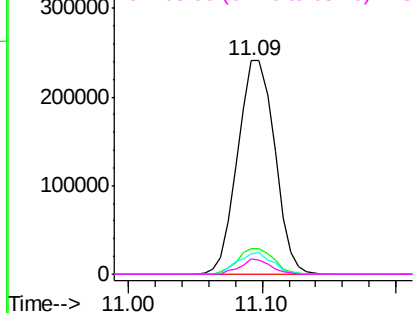
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG024578.D
Acq: 1 Nov 2016 5:42

Instrument :
BNA_G
ClientSampleId :
SB-1-8-9

Tgt Ion:	136	Resp:	463760
Ion	Ratio	Lower	Upper
136	100		
137	12.1	8.9	13.3
54	9.9	9.3	13.9
68	7.0	5.1	7.7

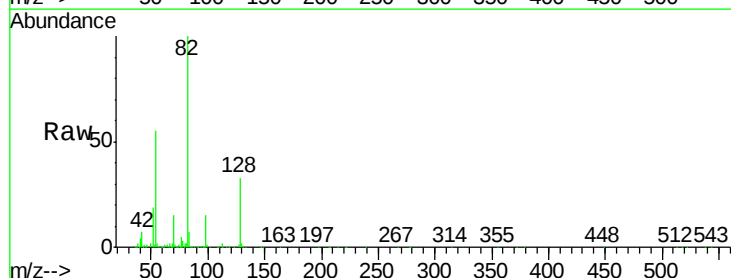


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

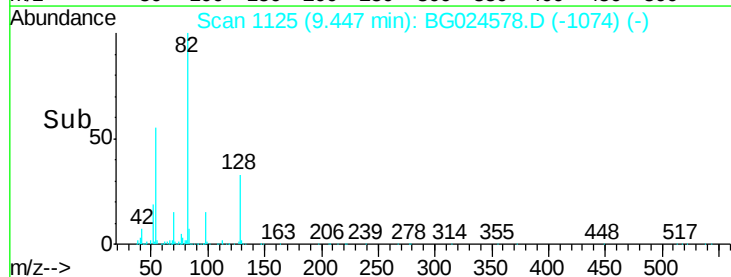
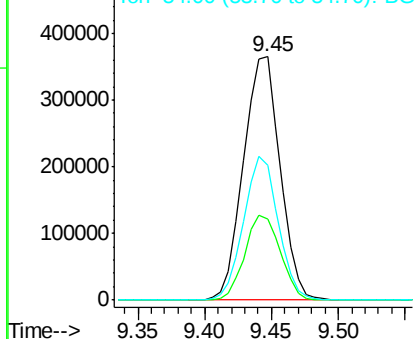


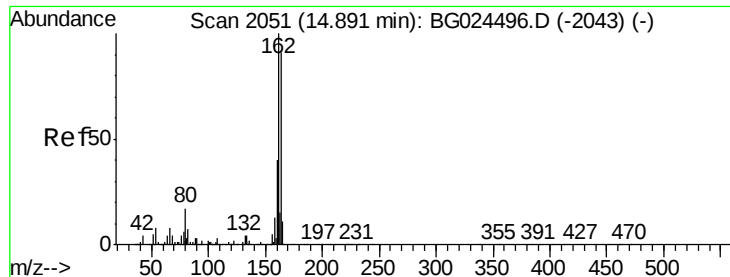
#23
Nitrobenzene-d5
Concen: 68.02 ng
RT: 9.45 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BG024578.D
Acq: 1 Nov 2016 5:42

Tgt Ion:	82	Resp:	692864
Ion	Ratio	Lower	Upper
82	100		
128	33.3	26.4	39.6
54	55.2	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: 14.89 min Scan# 2051

Delta R.T. 0.00 min

Lab File: BG024578.D

Acq: 1 Nov 2016 5:42

Instrument :

BNA_G

ClientSampleId :

SB-1-8-9

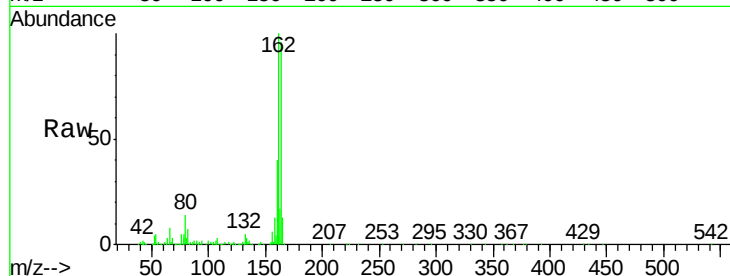
Tgt Ion:164 Resp: 350889

Ion Ratio Lower Upper

164 100

162 104.4 85.1 127.7

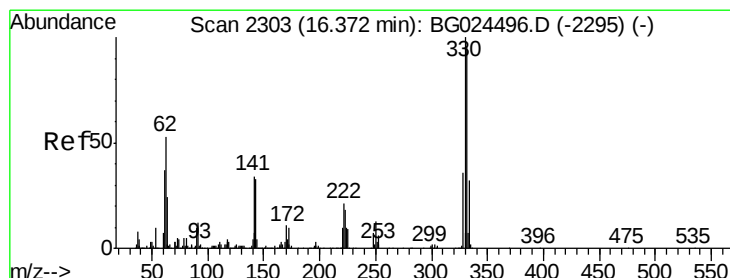
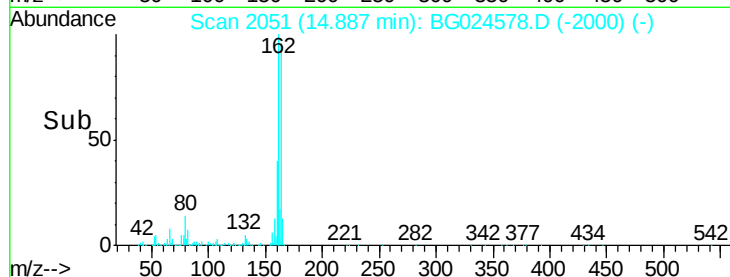
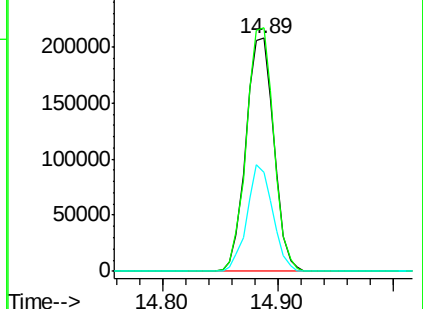
160 42.2 34.7 52.1



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: 85.26 ng

RT: 16.37 min Scan# 2303

Delta R.T. -0.00 min

Lab File: BG024578.D

Acq: 1 Nov 2016 5:42

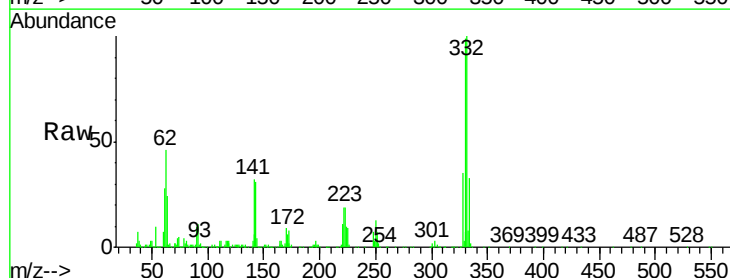
Tgt Ion:330 Resp: 446967

Ion Ratio Lower Upper

330 100

332 98.2 77.3 115.9

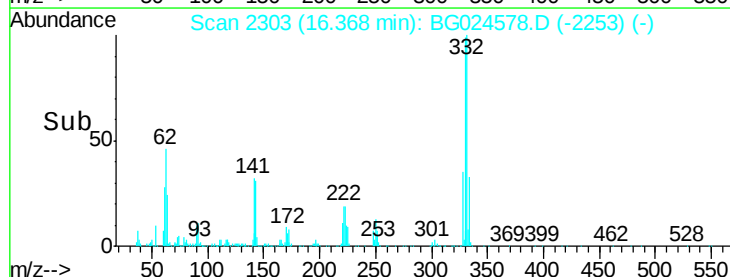
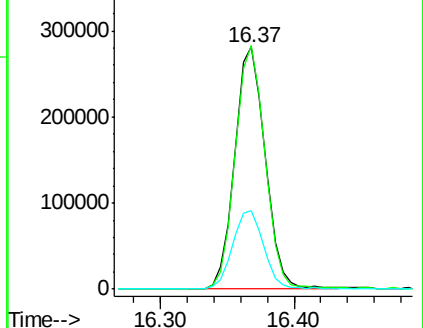
141 33.2 32.1 48.1



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

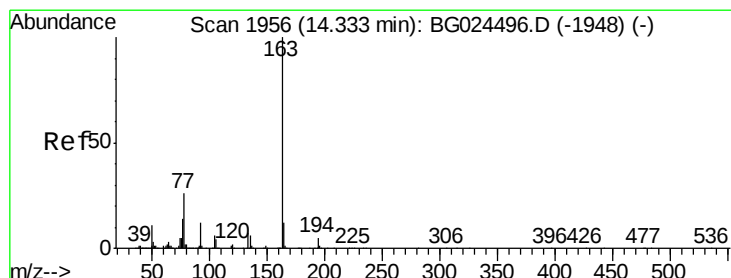
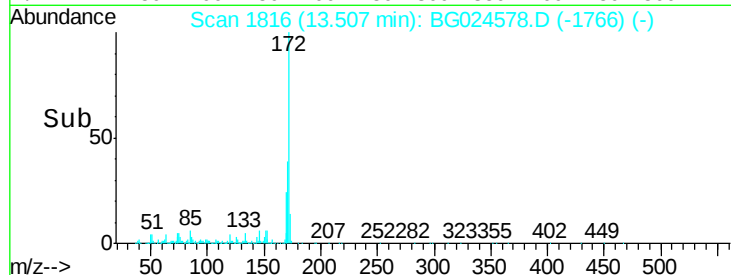
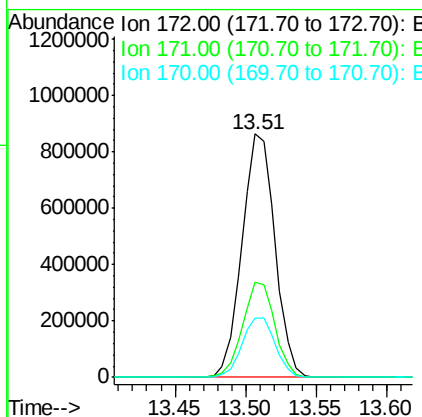
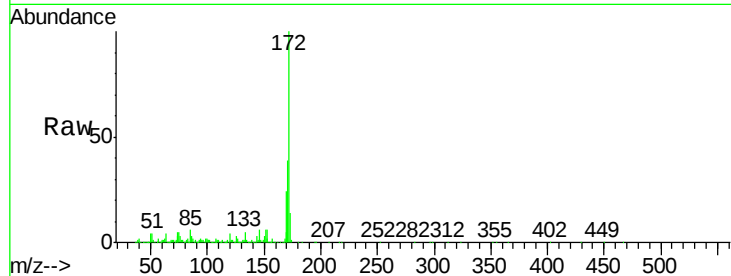




#44
2-Fluorobiphenyl
Concen: 66.67 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.00 min
Lab File: BG024578.D
Acq: 1 Nov 2016 5:42

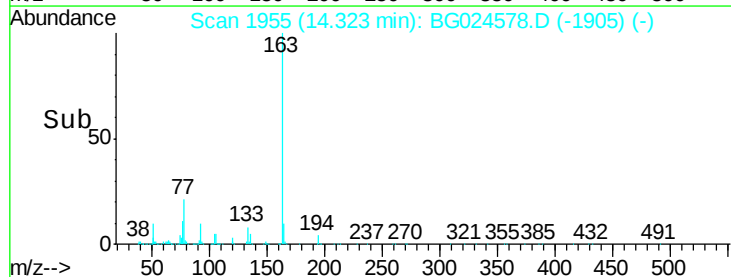
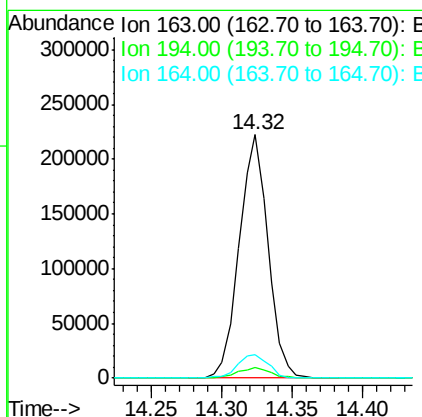
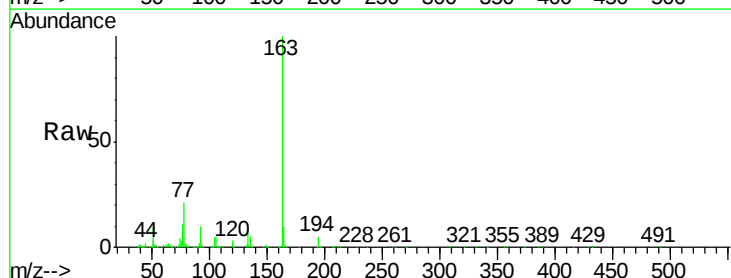
Instrument :
BNA_G
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SB-1-8-9

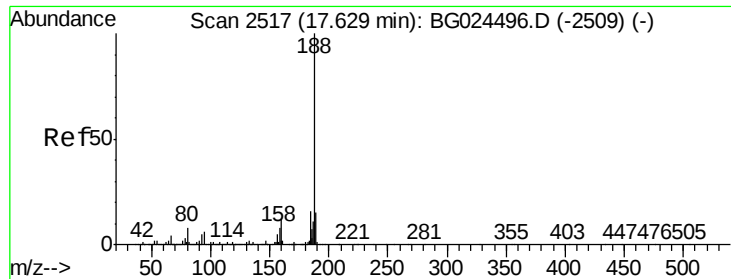
Tgt Ion:172 Resp: 1407549
Ion Ratio Lower Upper
172 100
171 38.9 32.2 48.2
170 24.2 21.8 32.6



#49
Dimethylphthalate
Concen: 12.68 ng
RT: 14.32 min Scan# 1955
Delta R.T. -0.00 min
Lab File: BG024578.D
Acq: 1 Nov 2016 5:42

Tgt Ion:163 Resp: 315850
Ion Ratio Lower Upper
163 100
194 4.5 3.8 5.6
164 9.6 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: BG024578.D

Acq: 1 Nov 2016 5:42

Instrument :

BNA_G

ClientSampleId :

SB-1-8-9

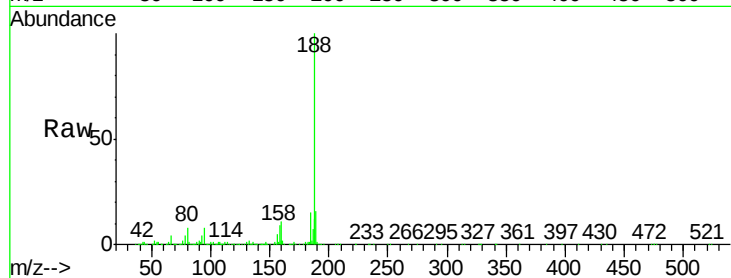
Tgt Ion:188 Resp: 764514

Ion Ratio Lower Upper

188 100

94 7.5 5.8 8.8

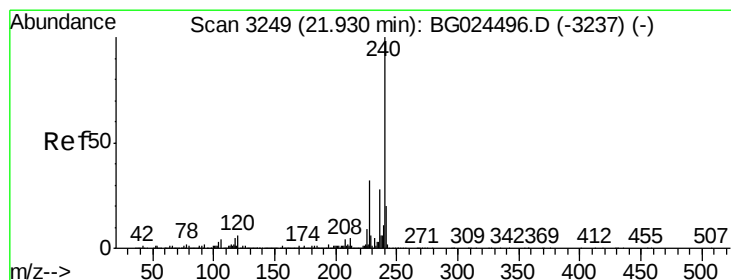
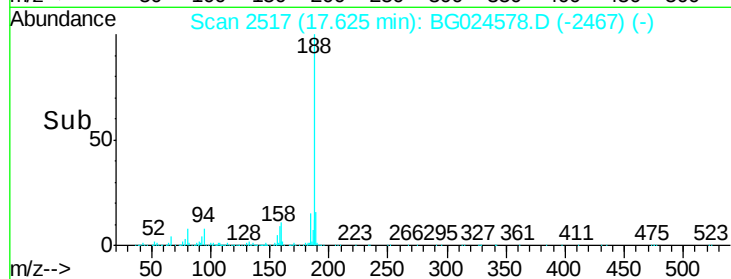
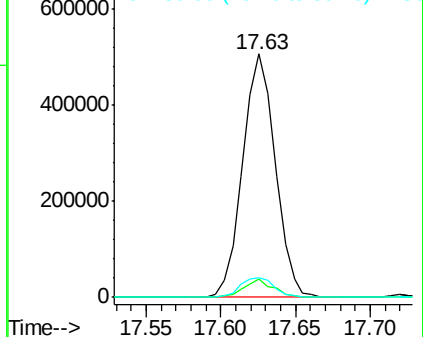
80 7.8 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.92 min Scan# 3248

Delta R.T. -0.00 min

Lab File: BG024578.D

Acq: 1 Nov 2016 5:42

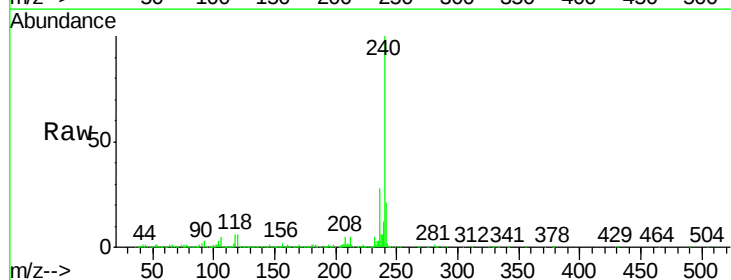
Tgt Ion:240 Resp: 1065227

Ion Ratio Lower Upper

240 100

120 5.7 5.7 8.5

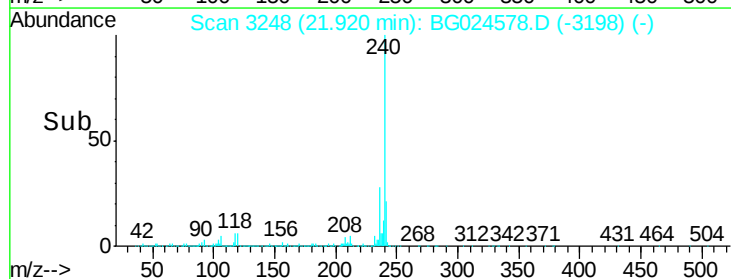
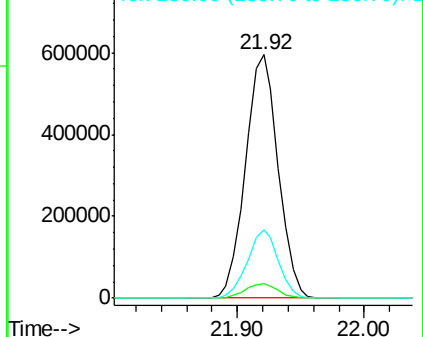
236 28.1 22.2 33.4

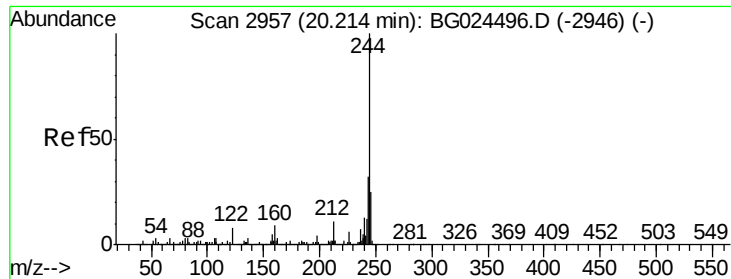


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 65.96 ng

RT: 20.20 min Scan# 2956

Delta R.T. -0.00 min

Lab File: BG024578.D

Acq: 1 Nov 2016 5:42

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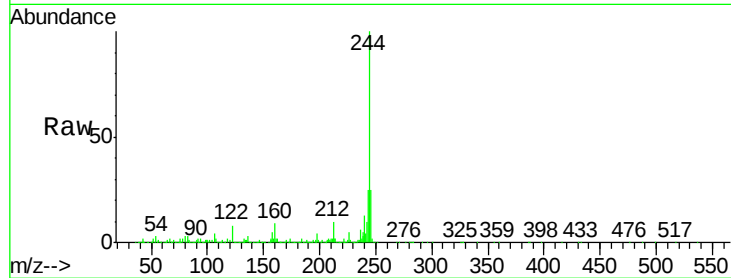
Tgt Ion:244 Resp: 2351250

Ion Ratio Lower Upper

244 100

212 10.1 10.0 15.0

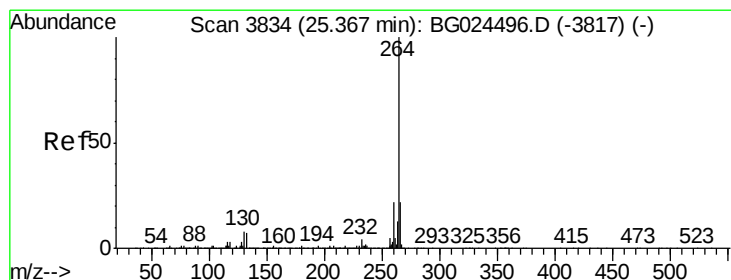
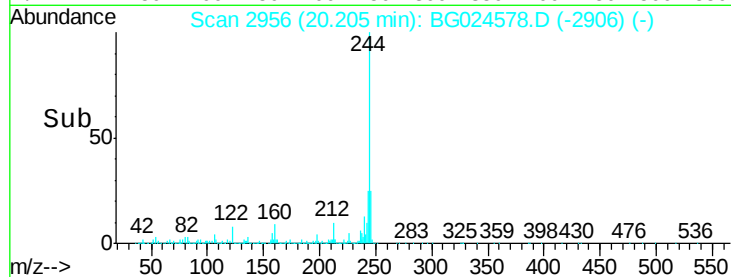
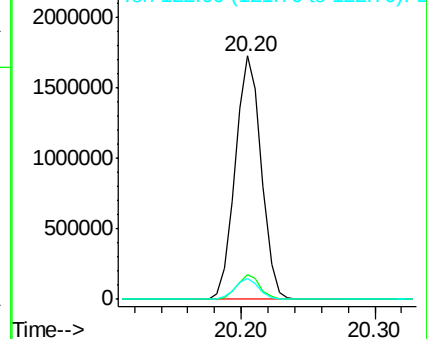
122 8.4 8.6 12.8#



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# 3832

Delta R.T. -0.01 min

Lab File: BG024578.D

Acq: 1 Nov 2016 5:42

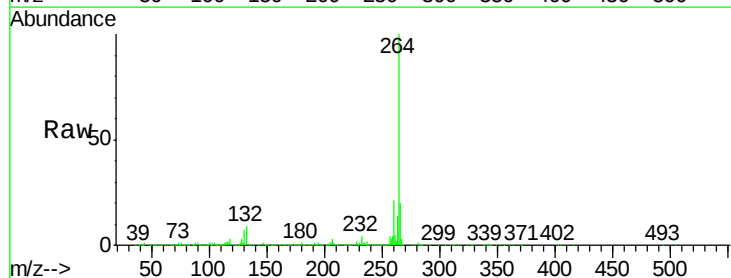
Tgt Ion:264 Resp: 1127034

Ion Ratio Lower Upper

264 100

260 21.2 21.8 32.8#

265 20.3 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

