

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103116\
 Data File : BG024579.D
 Acq On : 1 Nov 2016 6:21
 Operator : UM/SJ
 Sample : H5445-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-2-3-4

Quant Time: Nov 01 12:04:02 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

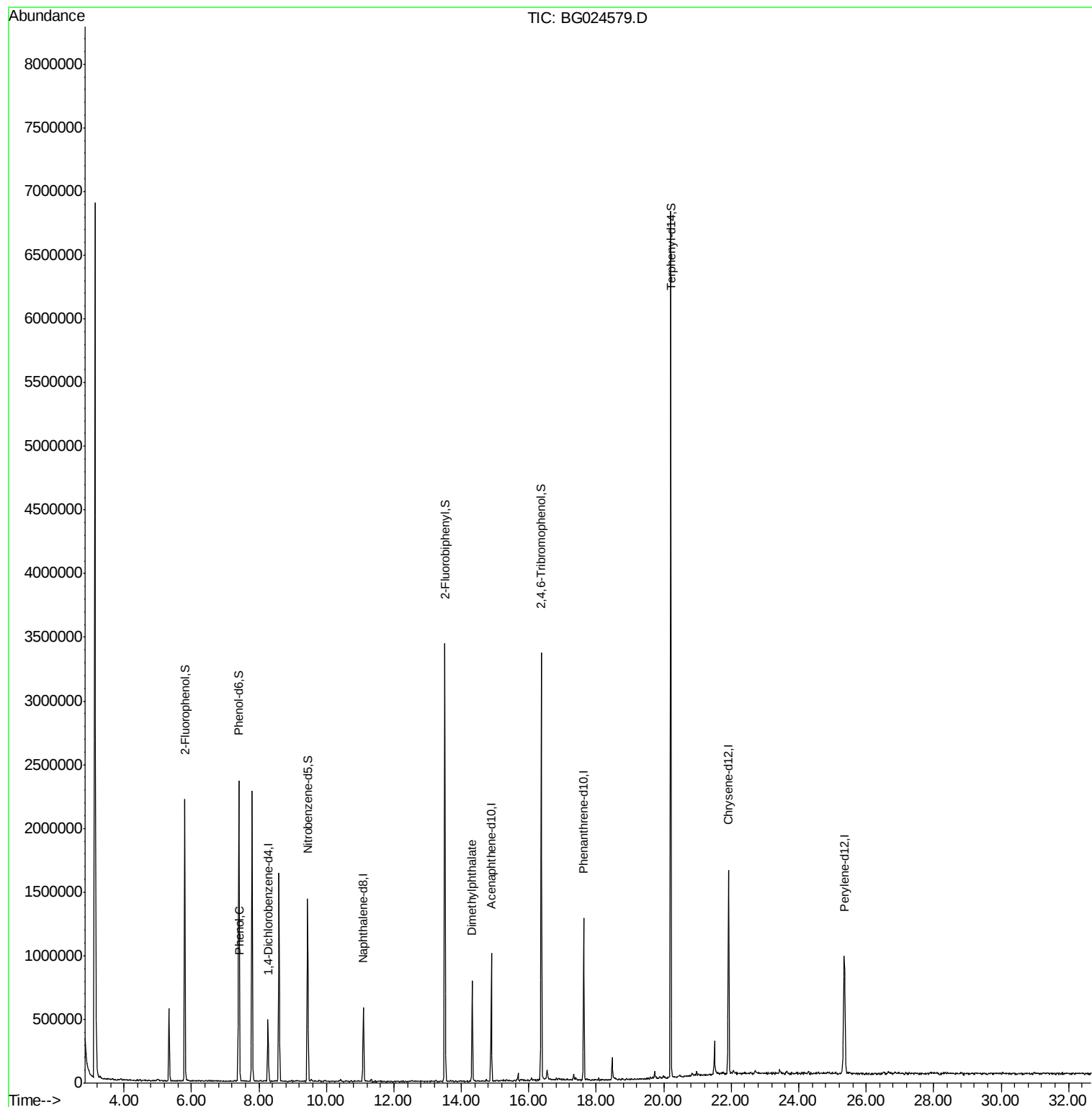
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	125182	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	482282	20.00	ng	0.00
38) Acenaphthene-d10	14.89	164	361744	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	809235	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1100714	20.00	ng	0.00
86) Perylene-d12	25.35	264	1150245	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	886291	116.04	ng	0.00
7) Phenol-d6	7.41	99	1266709	120.91	ng	0.00
23) Nitrobenzene-d5	9.44	82	899485	84.92	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	678024	125.46	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1774923	81.55	ng	0.00
78) Terphenyl-d14	20.21	244	2880705	78.20	ng	0.00
Target Compounds						
10) Phenol	7.43	94	38105	3.53	ng	Qvalue 92
49) Dimethylphthalate	14.32	163	476952	18.57	ng	# 96

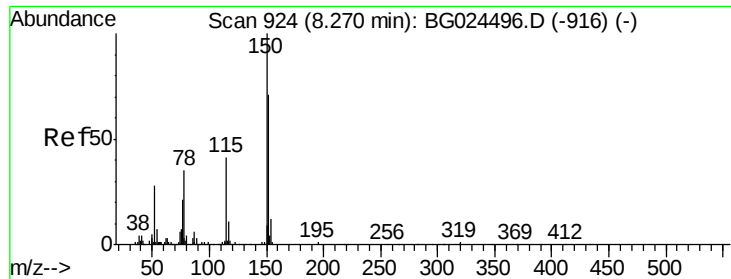
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG024579.D

Acq: 1 Nov 2016 6:21

Instrument :

BNA_G

ClientSampleId :

SB-2-3-4

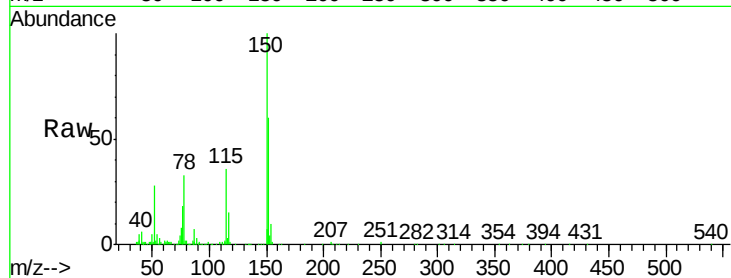
Tgt Ion:152 Resp: 125182

Ion Ratio Lower Upper

152 100

150 167.8 114.0 171.0

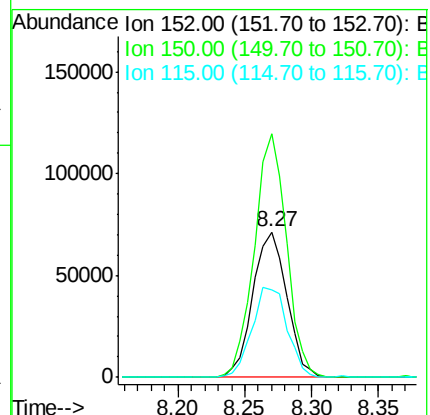
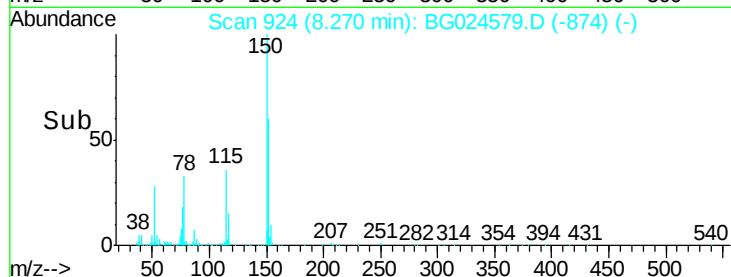
115 60.2 48.1 72.1



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: 116.04 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.00 min

Lab File: BG024579.D

Acq: 1 Nov 2016 6:21

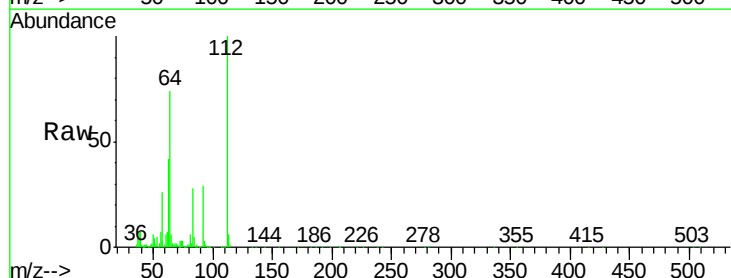
Tgt Ion:112 Resp: 886291

Ion Ratio Lower Upper

112 100

64 73.8 61.8 92.6

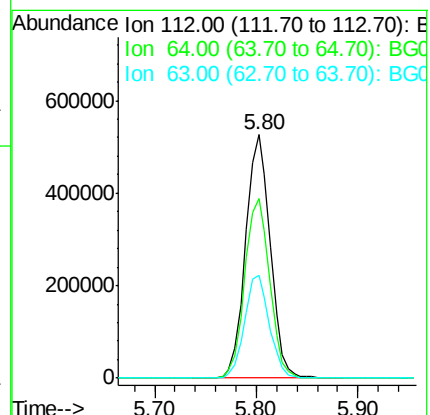
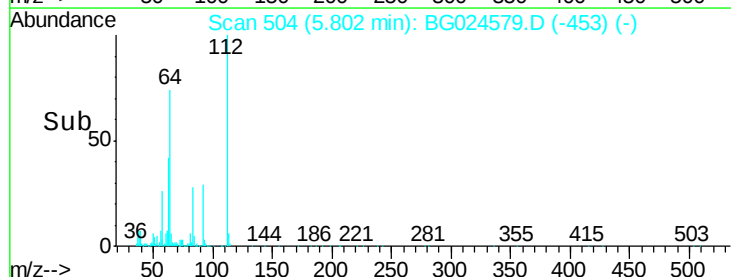
63 42.3 37.2 55.8

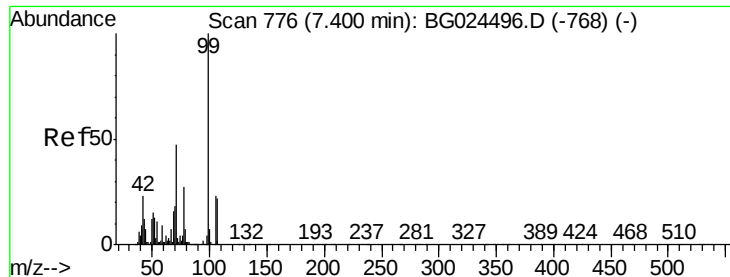


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 120.91 ng

RT: 7.41 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG024579.D

Acq: 1 Nov 2016 6:21

Instrument :

BNA_G

ClientSampleId :

SB-2-3-4

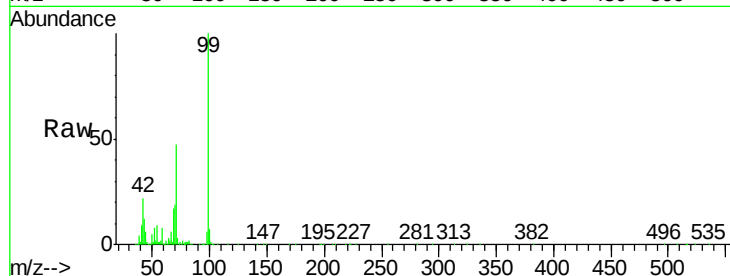
Tgt Ion: 99 Resp: 1266709

Ion	Ratio	Lower	Upper
99	100		
42	21.8	20.5	30.7
71	47.4	37.6	56.4

99 100

42 21.8 20.5 30.7

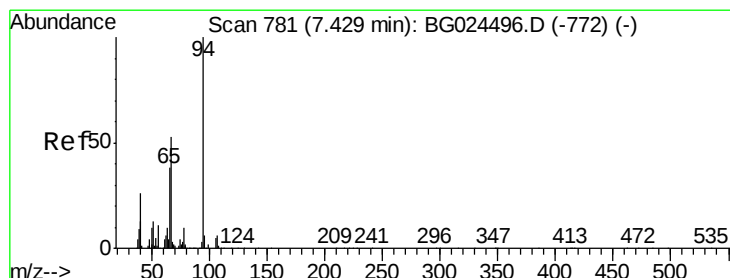
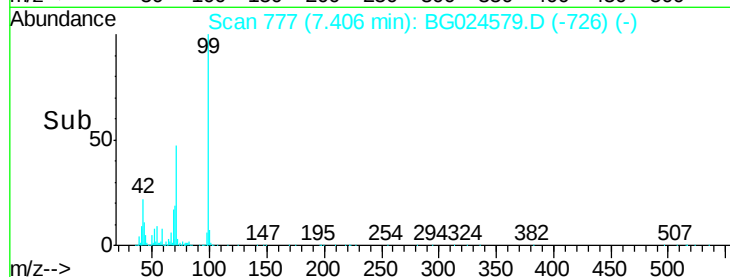
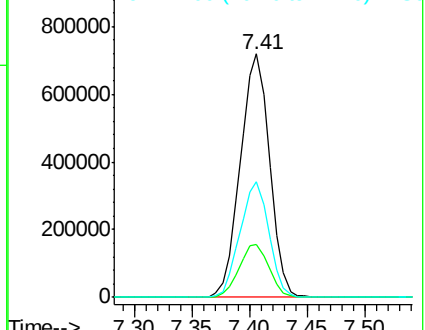
71 47.4 37.6 56.4



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



#10

Phenol

Concen: 3.53 ng

RT: 7.43 min Scan# 781

Delta R.T. 0.00 min

Lab File: BG024579.D

Acq: 1 Nov 2016 6:21

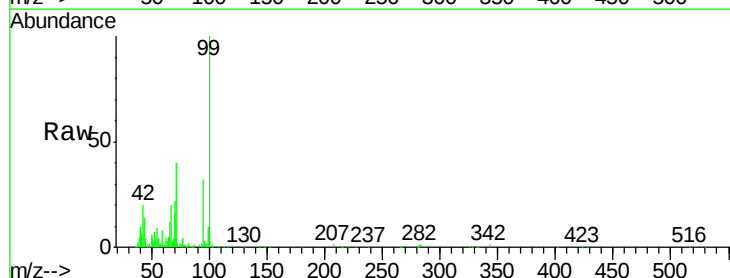
Tgt Ion: 94 Resp: 38105

Ion	Ratio	Lower	Upper
94	100		
65	35.9	20.6	60.6
66	61.7	35.5	75.5

94 100

65 35.9 20.6 60.6

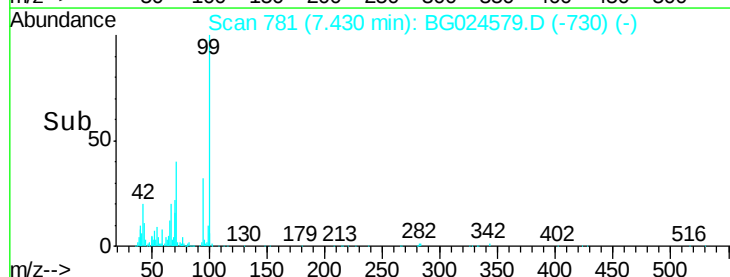
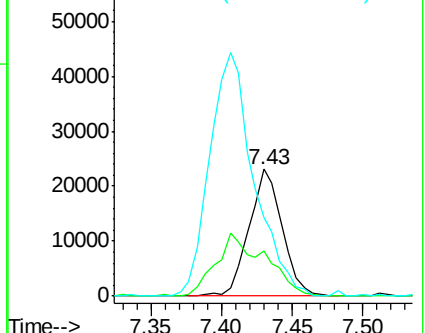
66 61.7 35.5 75.5



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

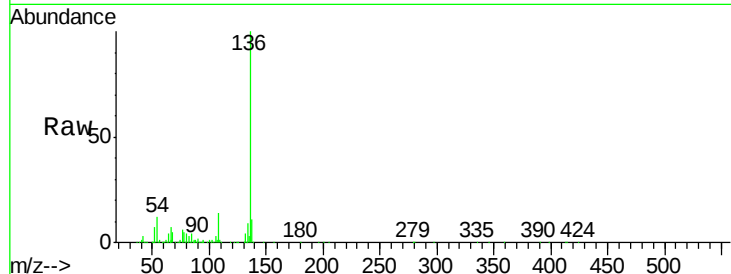




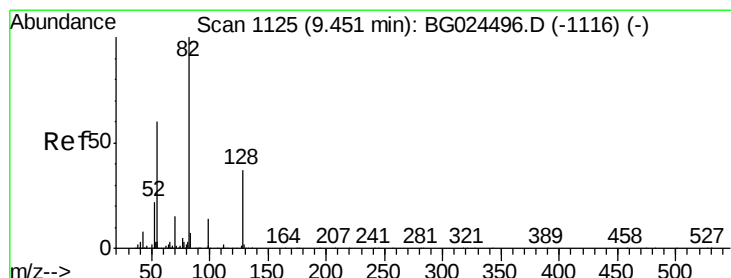
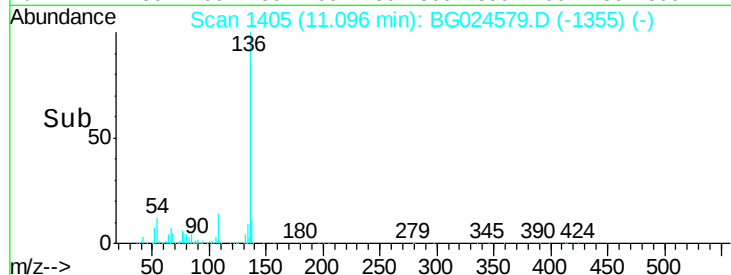
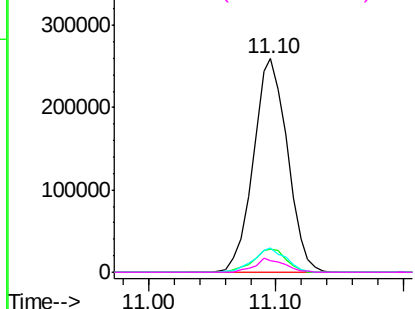
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.10 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG024579.D
Acq: 1 Nov 2016 6:21

Instrument :
BNA_G
ClientSampleId :
SB-2-3-4

Tgt Ion:	136	Resp:	482282
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	11.6	9.3	13.9
68	5.3	5.1	7.7

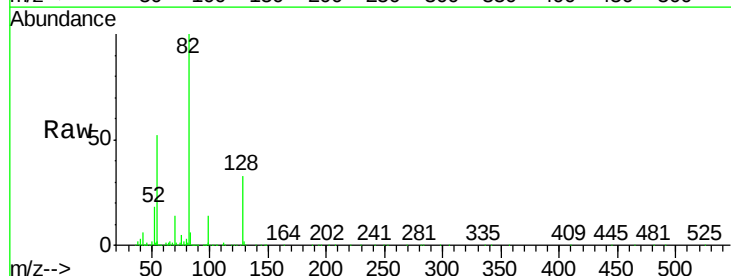


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

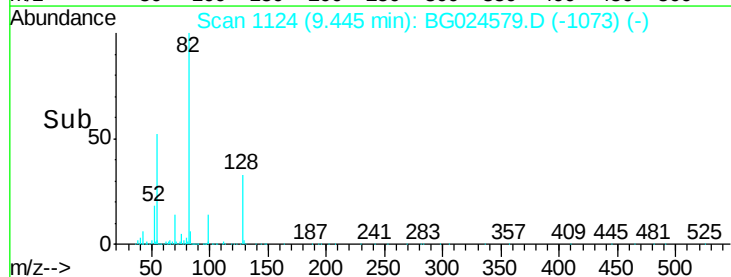
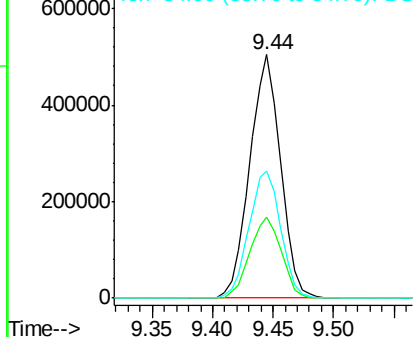


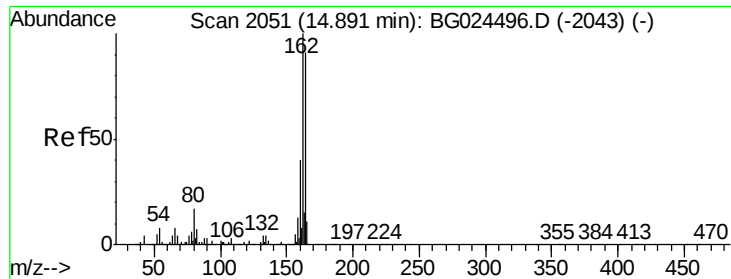
#23
Nitrobenzene-d5
Concen: 84.92 ng
RT: 9.44 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BG024579.D
Acq: 1 Nov 2016 6:21

Tgt Ion:	82	Resp:	899485
Ion	Ratio	Lower	Upper
82	100		
128	33.4	26.4	39.6
54	52.4	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# 2050

Delta R.T. 0.00 min

Lab File: BG024579.D

Acq: 1 Nov 2016 6:21

Instrument :

BNA_G

ClientSampleId :

SB-2-3-4

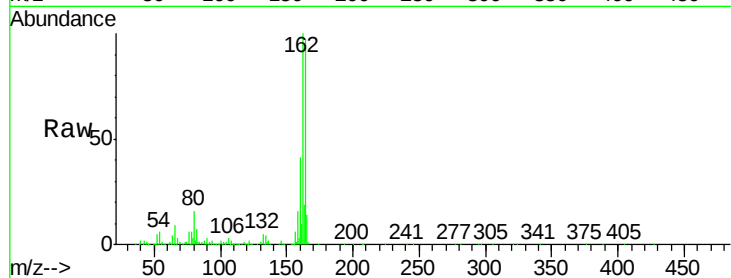
Tgt Ion:164 Resp: 361744

Ion Ratio Lower Upper

164 100

162 102.9 85.1 127.7

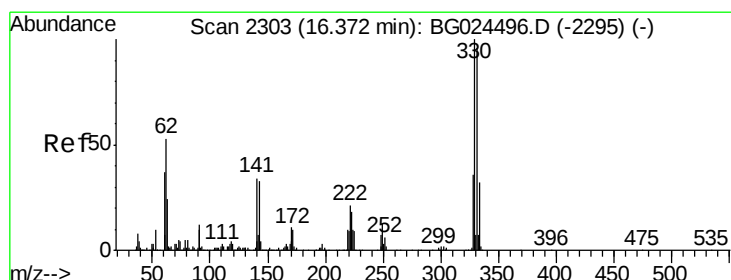
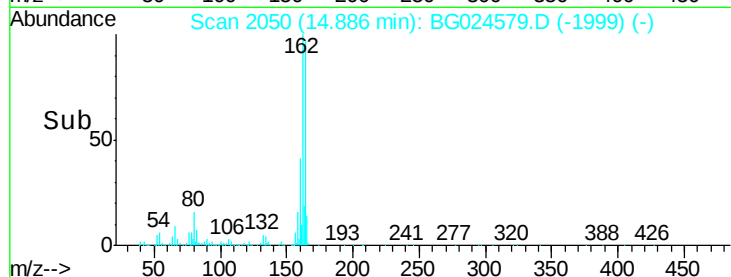
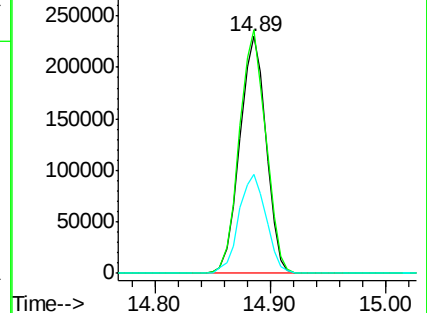
160 42.1 34.7 52.1



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: 125.46 ng

RT: 16.37 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BG024579.D

Acq: 1 Nov 2016 6:21

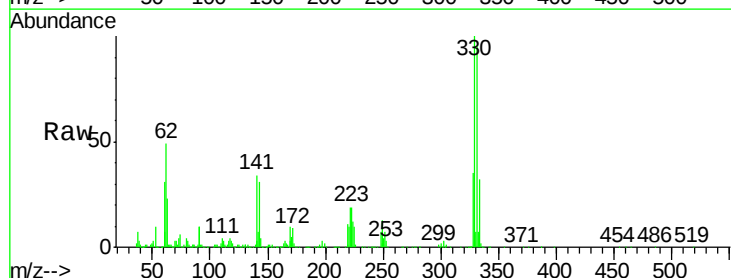
Tgt Ion:330 Resp: 678024

Ion Ratio Lower Upper

330 100

332 96.9 77.3 115.9

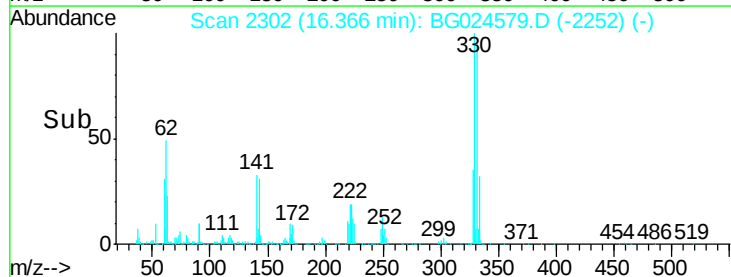
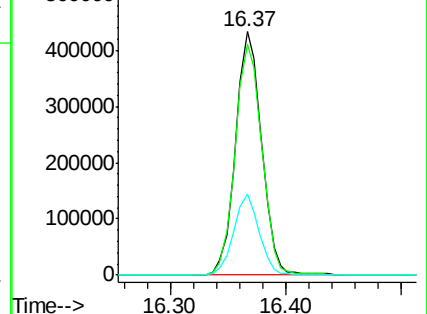
141 32.5 32.1 48.1

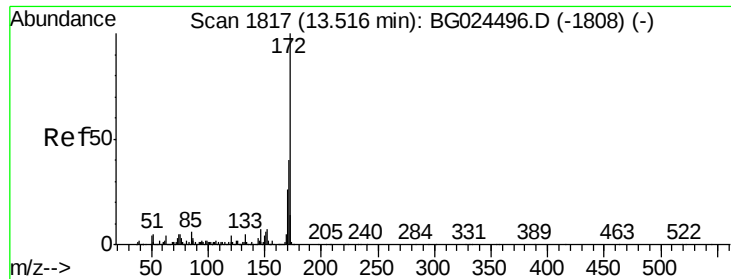


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

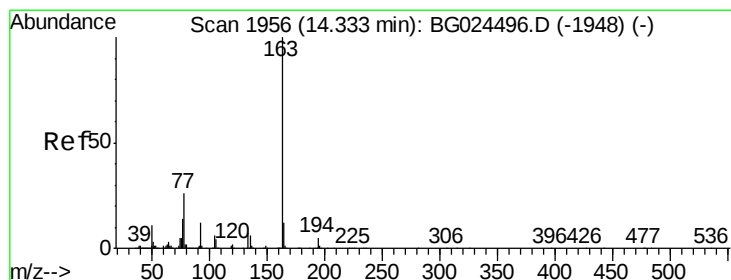
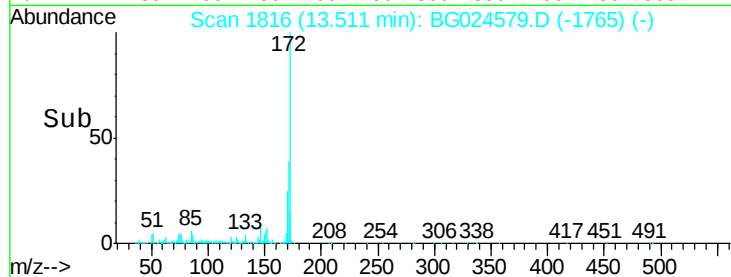
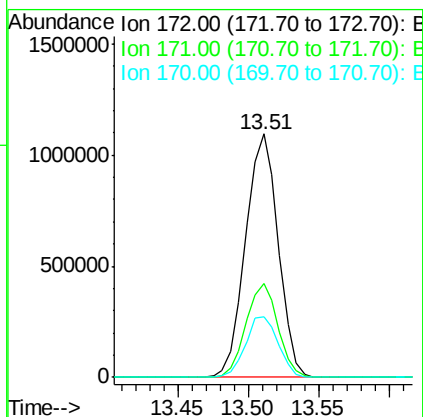
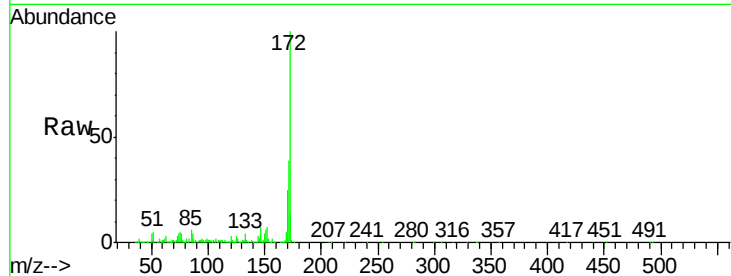




#44
2-Fluorobiphenyl
Concen: 81.55 ng
RT: 13.51 min Scan# 1816
Delta R.T. 0.00 min
Lab File: BG024579.D
Acq: 1 Nov 2016 6:21

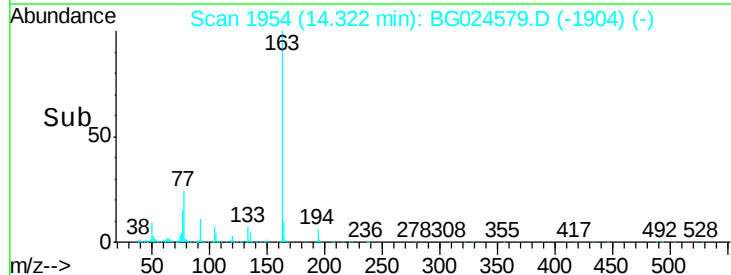
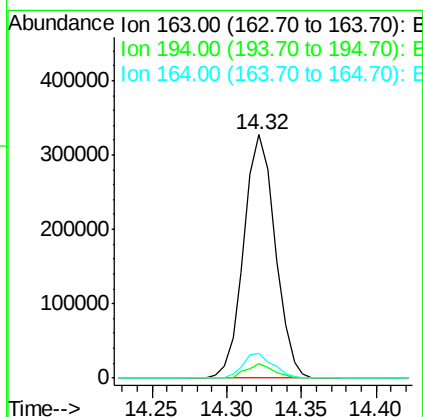
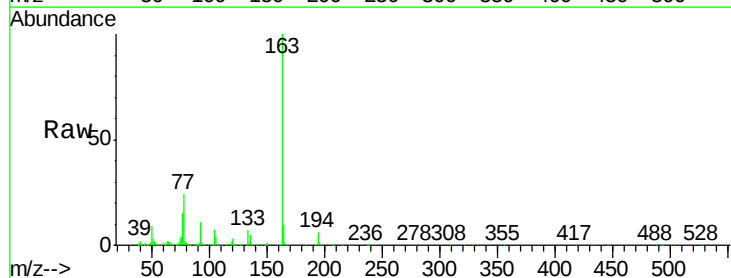
Instrument :
BNA_G
ClientSampleId :
SB-2-3-4

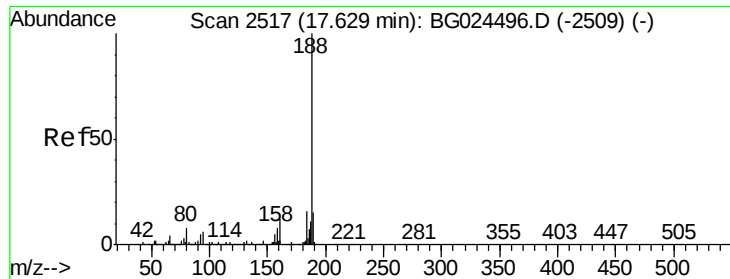
Tgt Ion:172 Resp: 1774923
Ion Ratio Lower Upper
172 100
171 38.5 32.2 48.2
170 24.9 21.8 32.6



#49
Dimethylphthalate
Concen: 18.57 ng
RT: 14.32 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BG024579.D
Acq: 1 Nov 2016 6:21

Tgt Ion:163 Resp: 476952
Ion Ratio Lower Upper
163 100
194 5.8 3.8 5.6#
164 10.2 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: BG024579.D

Acq: 1 Nov 2016 6:21

Instrument :

BNA_G

ClientSampleId :

SB-2-3-4

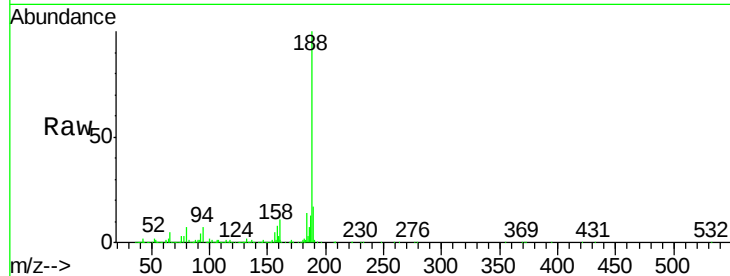
Tgt Ion:188 Resp: 809235

Ion Ratio Lower Upper

188 100

94 6.8 5.8 8.8

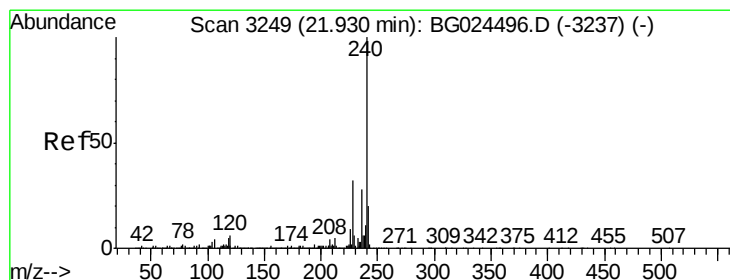
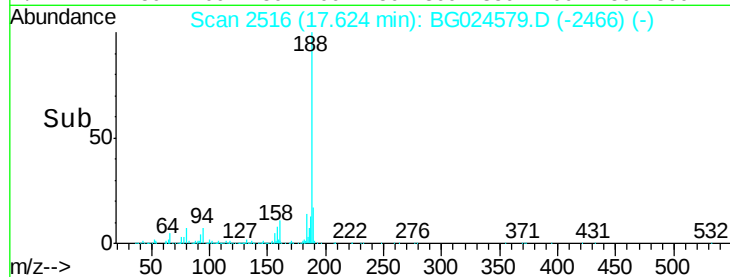
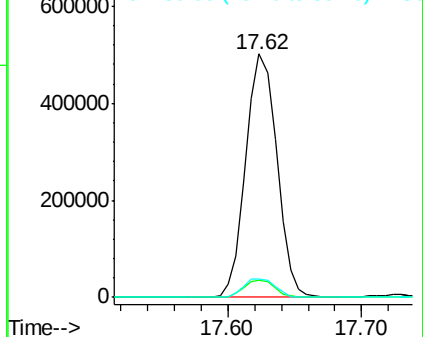
80 7.5 7.5 11.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.92 min Scan# 3247

Delta R.T. -0.01 min

Lab File: BG024579.D

Acq: 1 Nov 2016 6:21

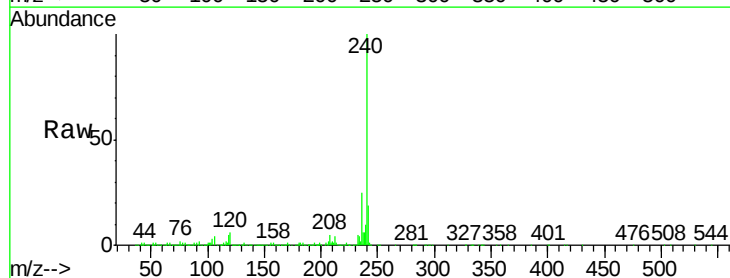
Tgt Ion:240 Resp: 1100714

Ion Ratio Lower Upper

240 100

120 6.2 5.7 8.5

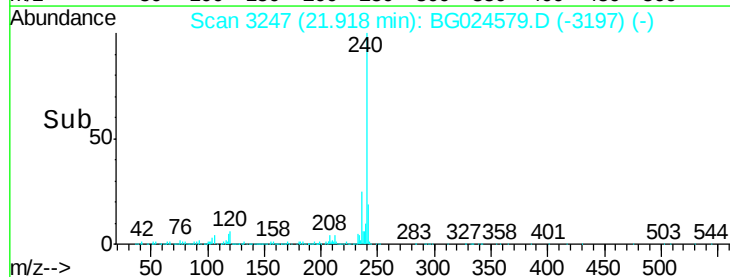
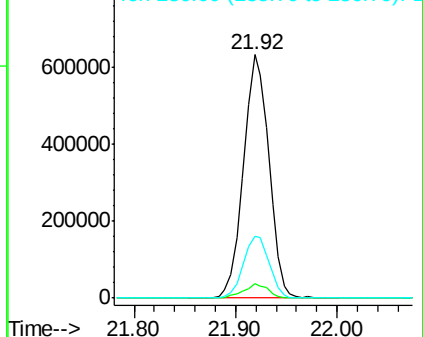
236 25.4 22.2 33.4

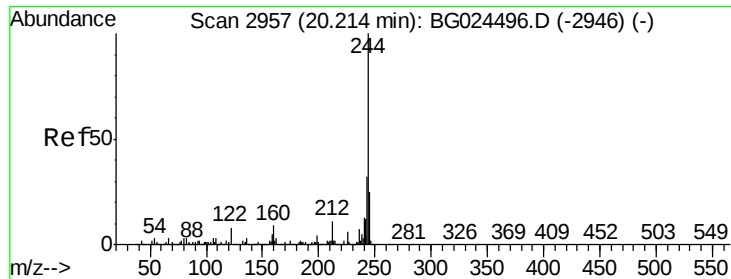


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 78.20 ng

RT: 20.21 min Scan# 2956

Delta R.T. 0.00 min

Lab File: BG024579.D

Acq: 1 Nov 2016 6:21

Instrument :

BNA_G

ClientSampleId :

SB-2-3-4

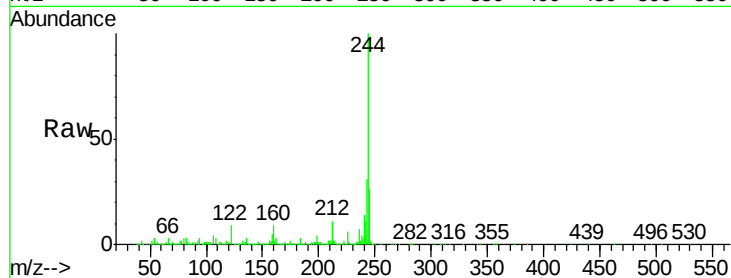
Tgt Ion:244 Resp: 2880705

Ion Ratio Lower Upper

244 100

212 10.8 10.0 15.0

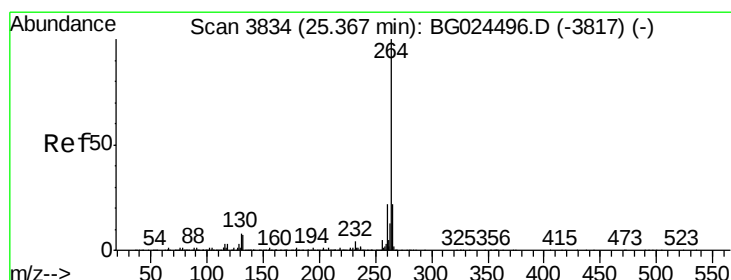
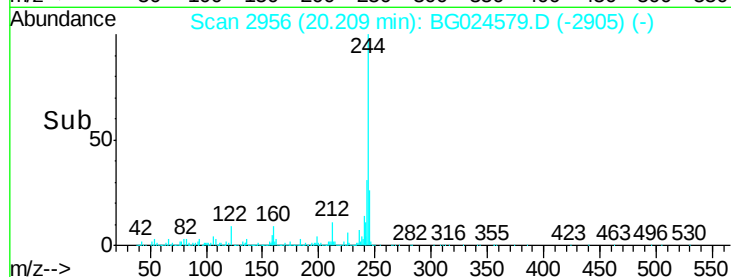
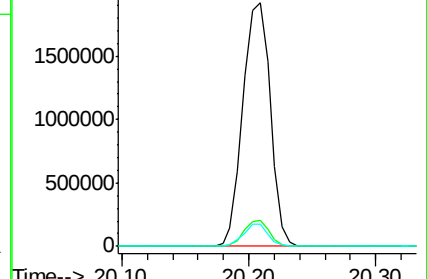
122 9.3 8.6 12.8



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. -0.01 min

Lab File: BG024579.D

Acq: 1 Nov 2016 6:21

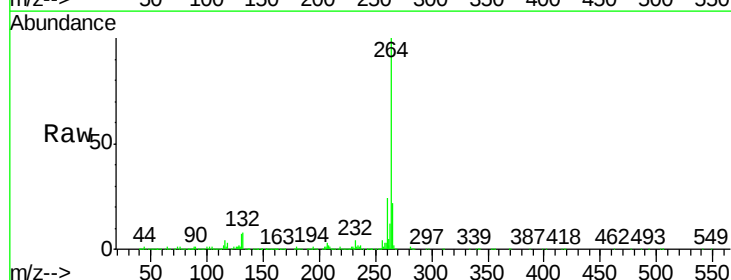
Tgt Ion:264 Resp: 1150245

Ion Ratio Lower Upper

264 100

260 23.8 21.8 32.8

265 21.7 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

