

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071016\
 Data File : BG022978.D
 Acq On : 9 Jul 2016 23:29
 Operator : UM/SJ
 Sample : H3935-14
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C3-5

Quant Time: Jul 11 02:30:57 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 16:51:07 2016
 Response via : Initial Calibration

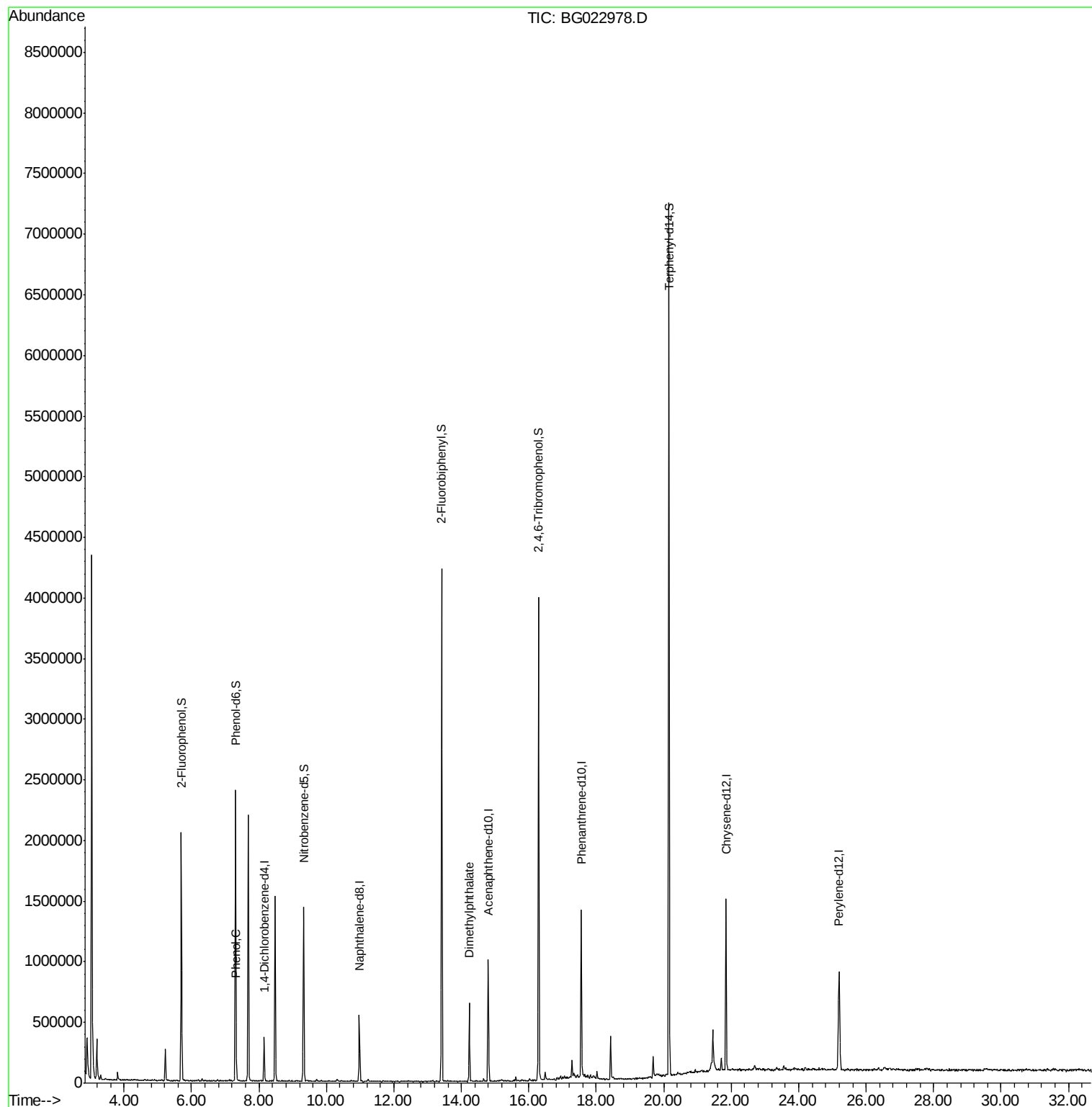
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	91259	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	431270	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	349317	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	829543	20.00	ng	0.00
75) Chrysene-d12	21.84	240	914410	20.00	ng	0.00
86) Perylene-d12	25.19	264	924720	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	820036	146.96	ng	0.00
7) Phenol-d6	7.31	99	1333039	152.53	ng	0.00
23) Nitrobenzene-d5	9.32	82	938419	93.17	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	761817	121.35	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	2038097	91.90	ng	0.00
78) Terphenyl-d14	20.15	244	2874872	113.27	ng	0.00
Target Compounds						
10) Phenol	7.33	94	18607	2.07	ng	85
49) Dimethylphthalate	14.24	163	400355	14.03	ng	97

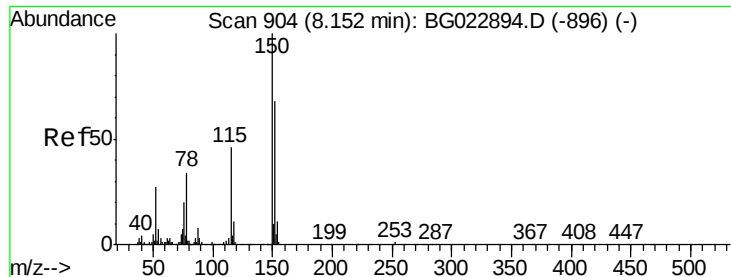
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 905

Delta R.T. 0.00 min

Lab File: BG022978.D

Acq: 9 Jul 2016 23:29

Instrument :

BNA_G

ClientSampleId :

C3-5

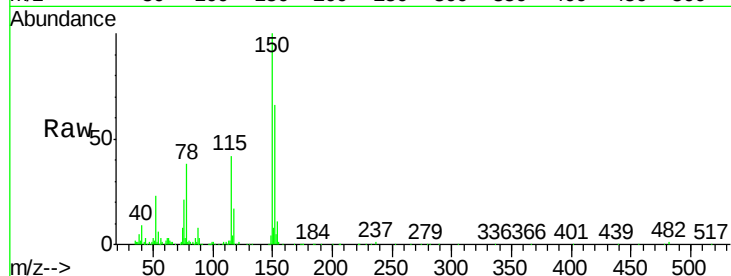
Tgt Ion:152 Resp: 91259

Ion Ratio Lower Upper

152 100

150 151.6 144.7 217.1

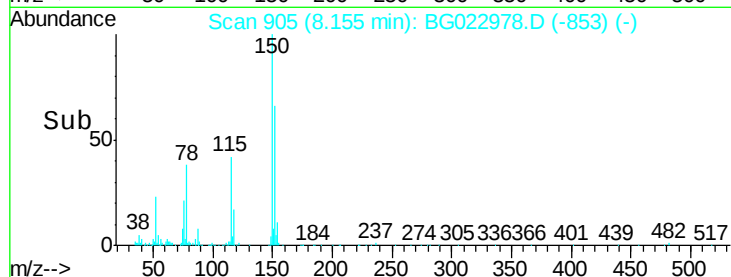
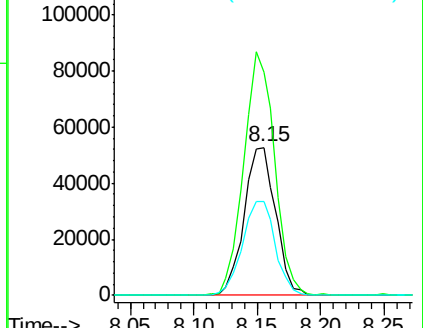
115 63.8 64.0 96.0#



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: 146.96 ng

RT: 5.70 min Scan# 487

Delta R.T. 0.00 min

Lab File: BG022978.D

Acq: 9 Jul 2016 23:29

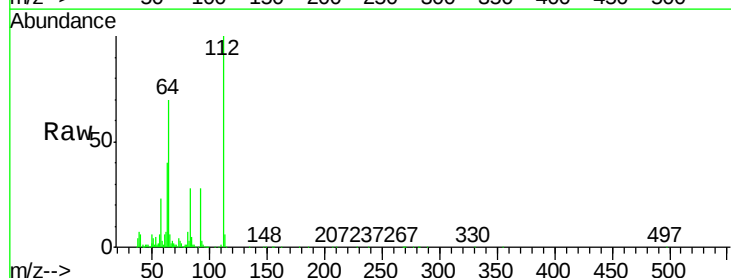
Tgt Ion:112 Resp: 820036

Ion Ratio Lower Upper

112 100

64 69.8 59.0 88.4

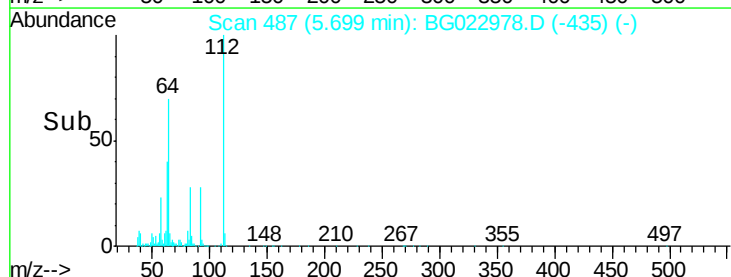
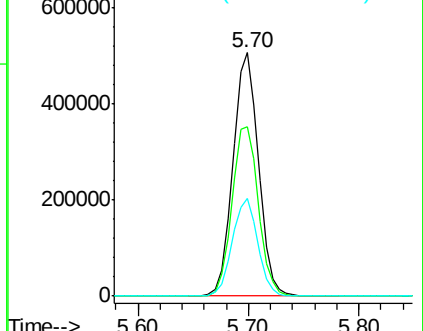
63 40.1 37.8 56.8

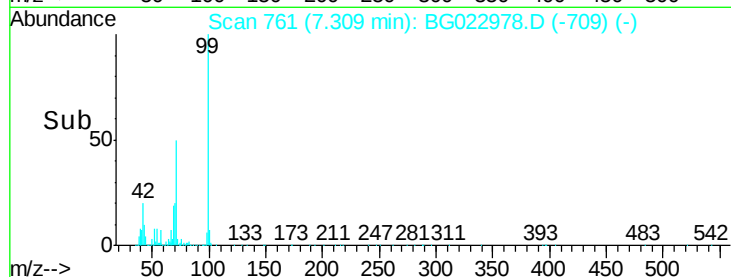
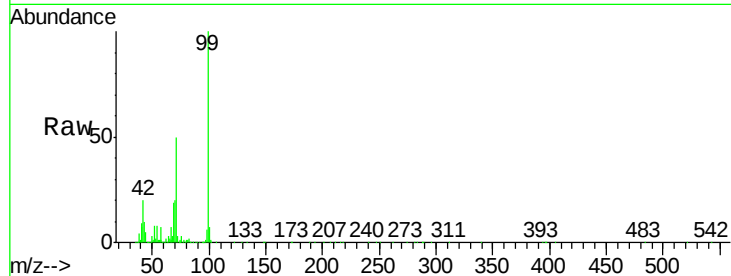
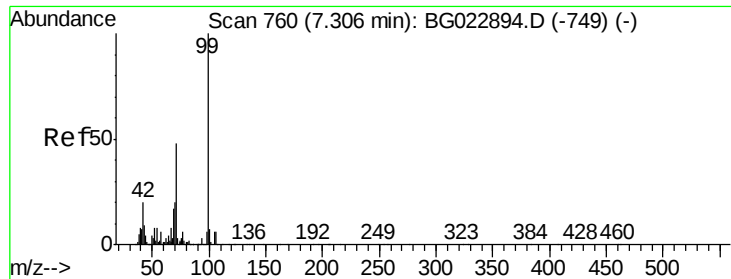


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 152.53 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG022978.D

Acq: 9 Jul 2016 23:29

Instrument :

BNA_G

ClientSampleId :

C3-5

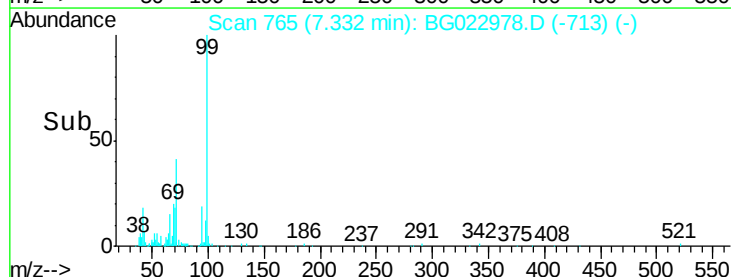
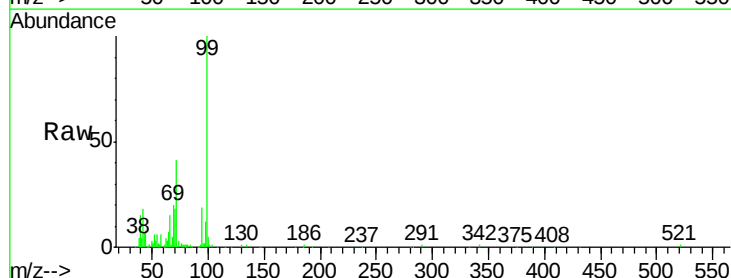
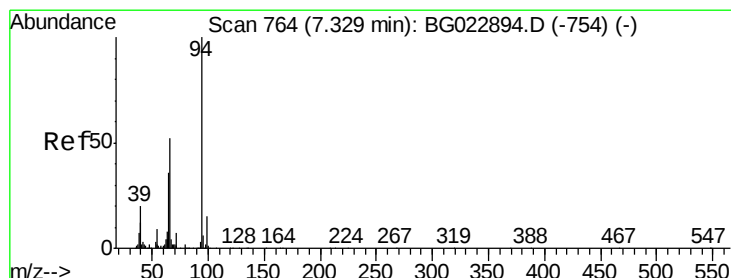
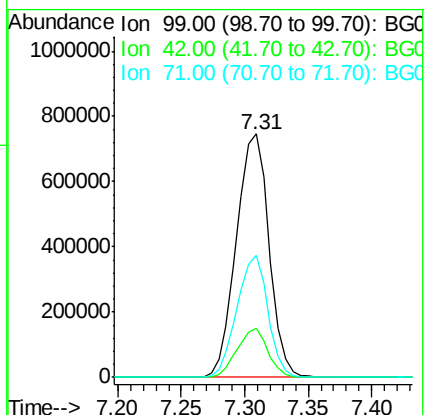
Tgt Ion: 99 Resp: 1333039

Ion Ratio Lower Upper

99 100

42 20.4 17.8 26.6

71 50.1 41.5 62.3



#10

Phenol

Concen: 2.07 ng

RT: 7.33 min Scan# 765

Delta R.T. 0.00 min

Lab File: BG022978.D

Acq: 9 Jul 2016 23:29

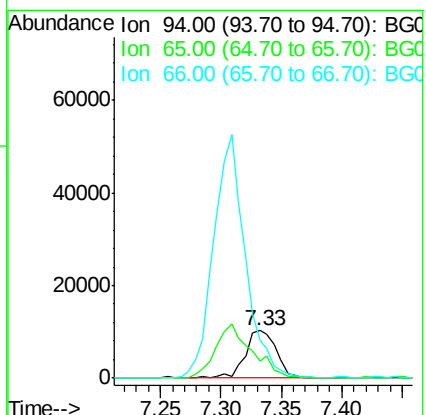
Tgt Ion: 94 Resp: 18607

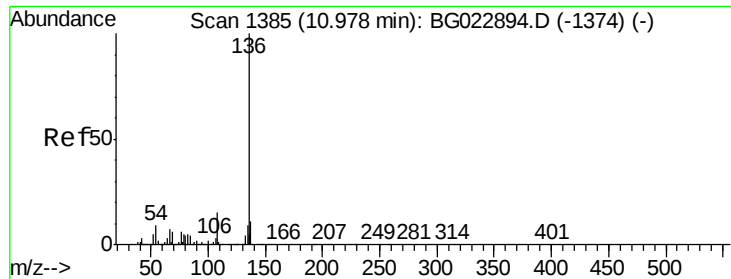
Ion Ratio Lower Upper

94 100

65 36.2 18.1 58.1

66 78.7 42.1 82.1

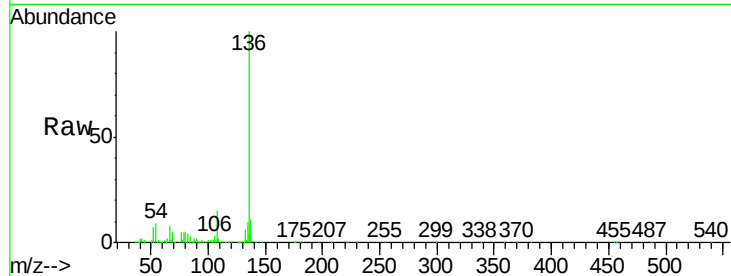




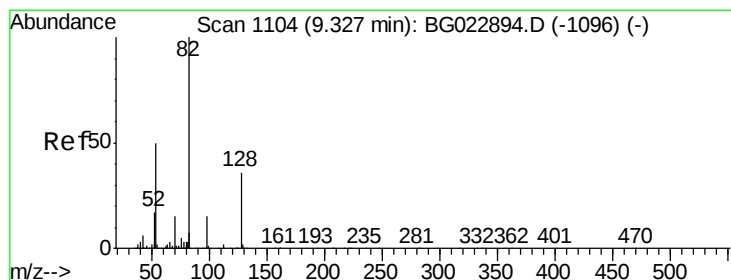
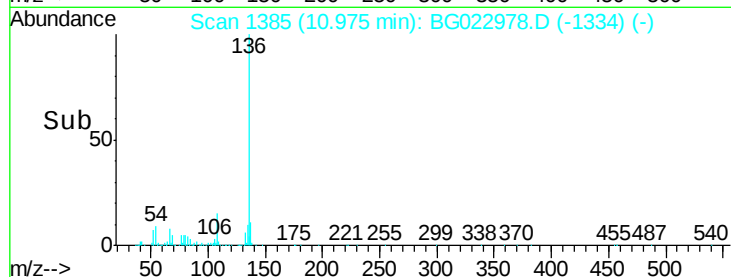
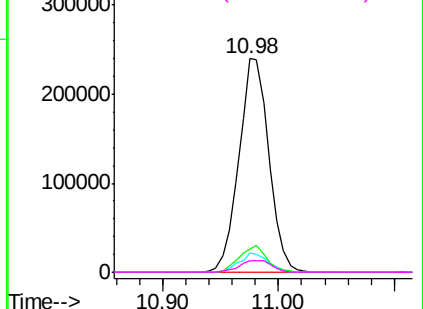
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1385
Delta R.T. -0.00 min
Lab File: BG022978.D
Acq: 9 Jul 2016 23:29

Instrument :
BNA_G
ClientSampleId :
C3-5

Tgt Ion:	136	Resp:	431270
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.6	14.4
54	8.8	7.3	10.9
68	5.4	5.3	7.9

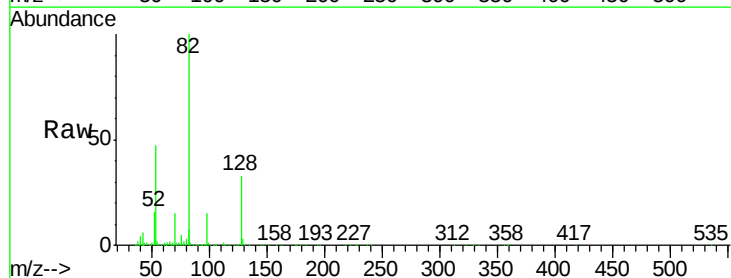


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

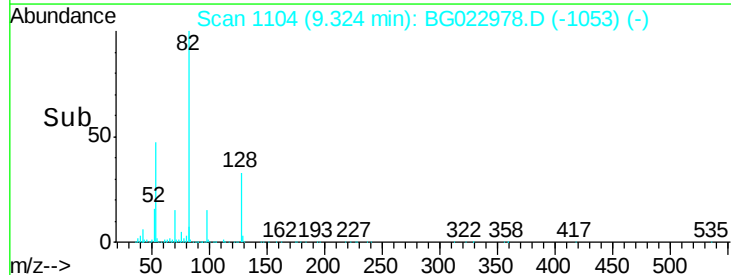
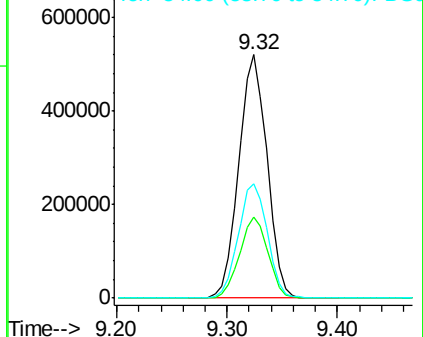


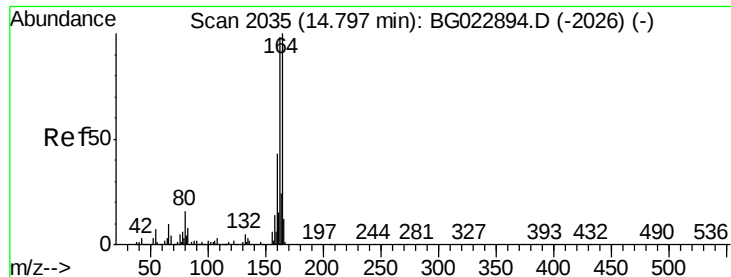
#23
Nitrobenzene-d5
Concen: 93.17 ng
RT: 9.32 min Scan# 1104
Delta R.T. -0.00 min
Lab File: BG022978.D
Acq: 9 Jul 2016 23:29

Tgt Ion:	82	Resp:	938419
Ion	Ratio	Lower	Upper
82	100		
128	33.2	24.4	36.6
54	47.1	41.4	62.0



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.79 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BG022978.D

Acq: 9 Jul 2016 23:29

Instrument :

BNA_G

ClientSampleId :

C3-5

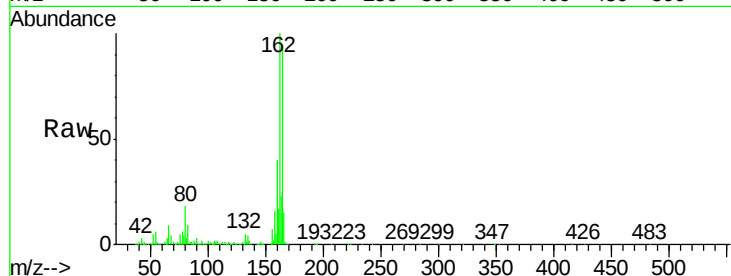
Tgt Ion:164 Resp: 349317

Ion Ratio Lower Upper

164 100

162 105.8 87.7 131.5

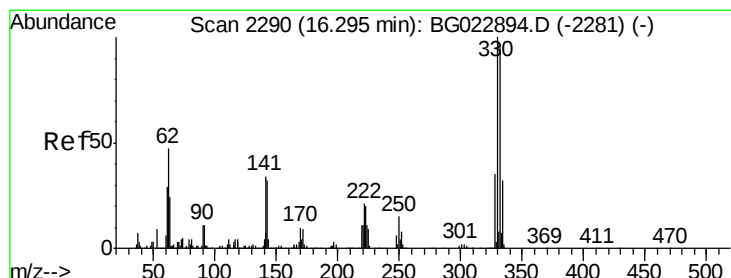
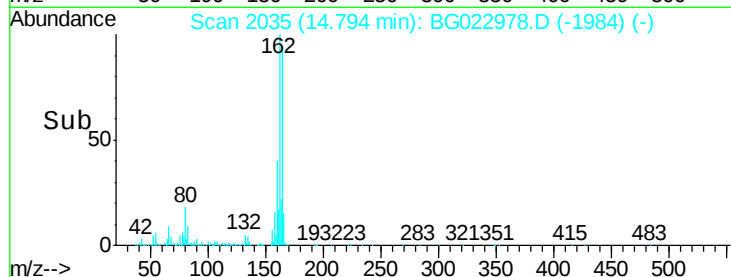
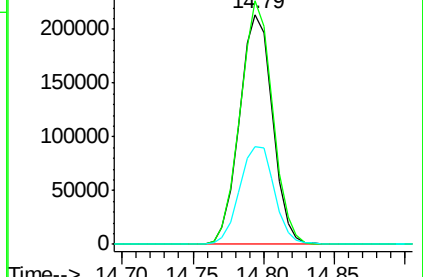
160 42.6 37.2 55.8



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: 121.35 ng

RT: 16.29 min Scan# 2290

Delta R.T. -0.00 min

Lab File: BG022978.D

Acq: 9 Jul 2016 23:29

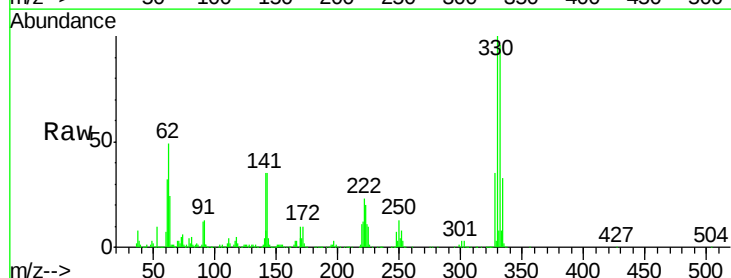
Tgt Ion:330 Resp: 761817

Ion Ratio Lower Upper

330 100

332 95.8 77.4 116.2

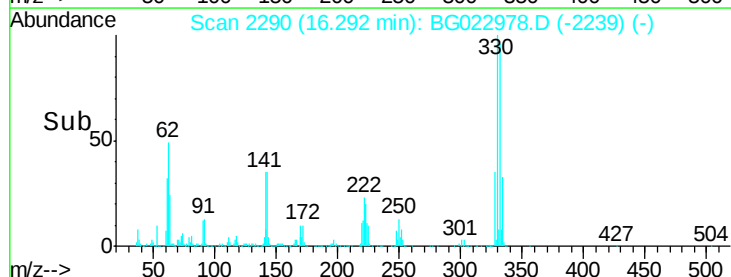
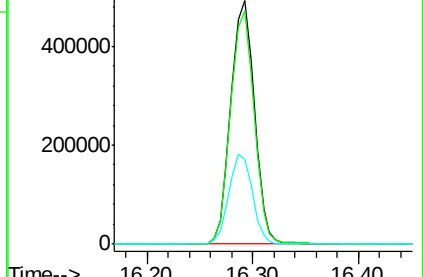
141 36.7 31.7 47.5

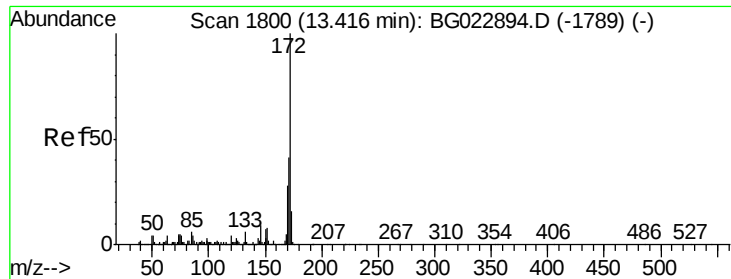


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

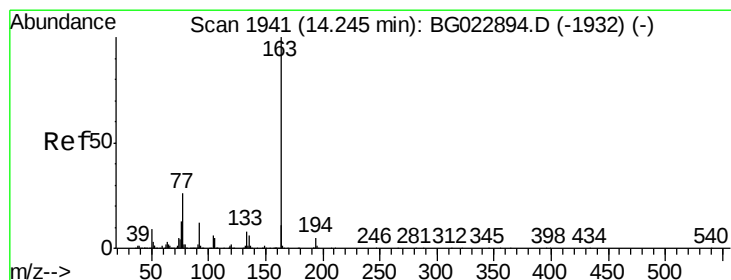
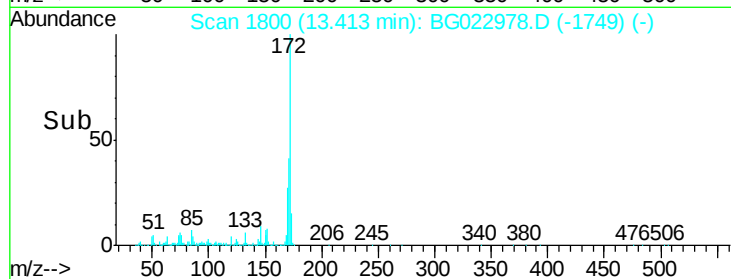
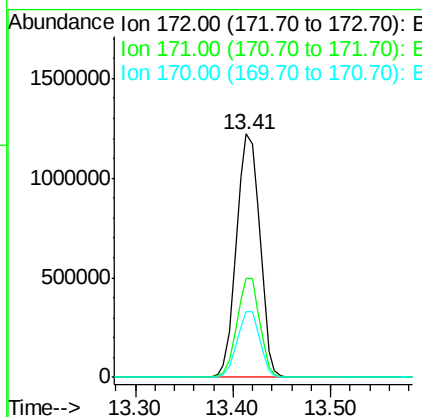
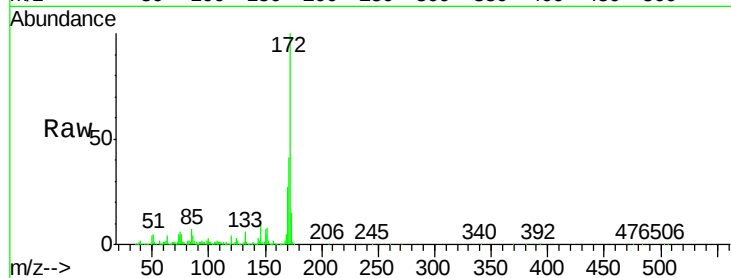




#44
2-Fluorobiphenyl
Concen: 91.90 ng
RT: 13.41 min Scan# 1800
Delta R.T. -0.00 min
Lab File: BG022978.D
Acq: 9 Jul 2016 23:29

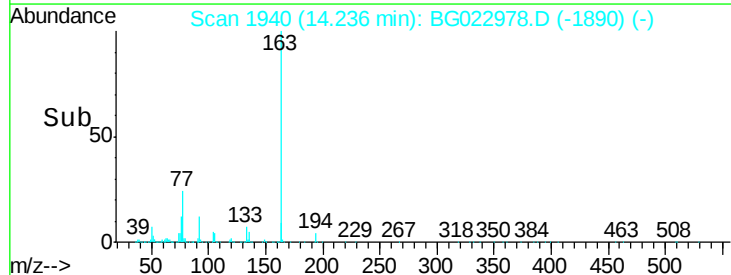
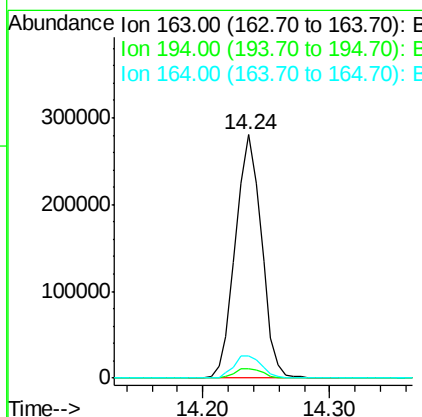
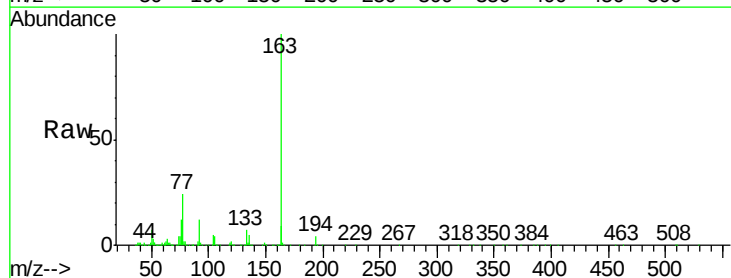
Instrument :
BNA_G
ClientSampleId :
C3-5

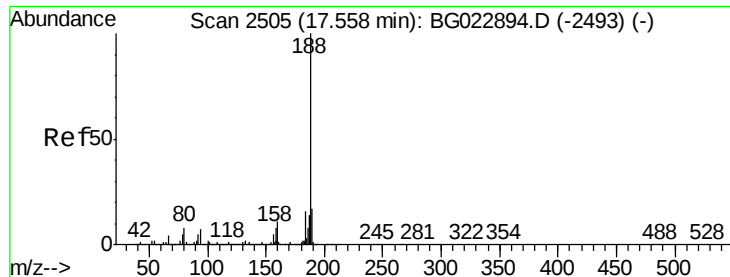
Tgt Ion:172 Resp: 2038097
Ion Ratio Lower Upper
172 100
171 40.8 31.6 47.4
170 27.2 21.3 31.9



#49
Dimethylphthalate
Concen: 14.03 ng
RT: 14.24 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG022978.D
Acq: 9 Jul 2016 23:29

Tgt Ion:163 Resp: 400355
Ion Ratio Lower Upper
163 100
194 3.7 3.6 5.4
164 9.0 8.1 12.1

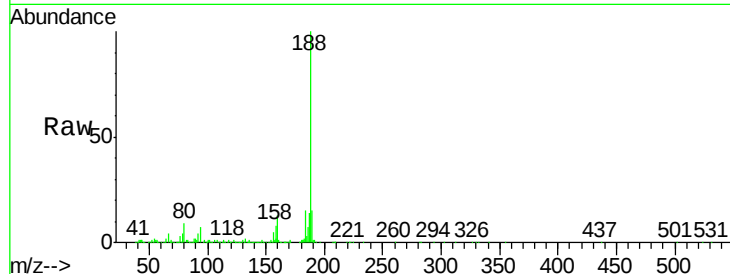




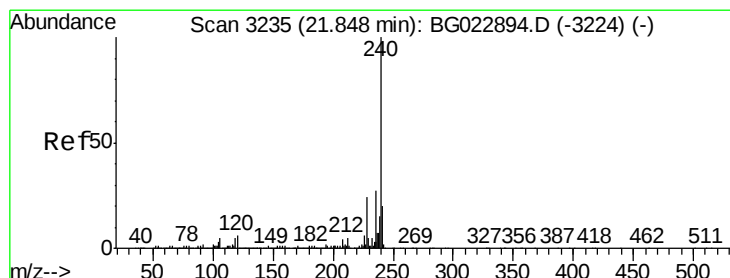
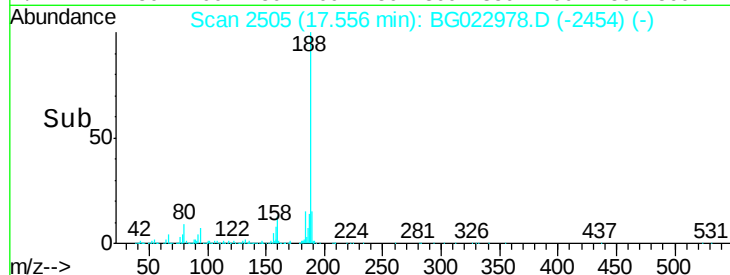
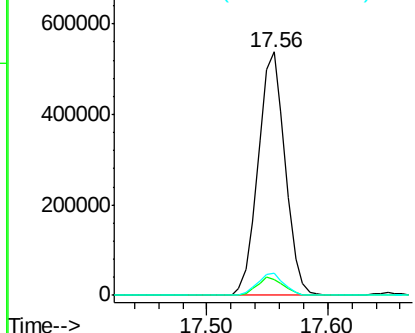
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.00 min
Lab File: BG022978.D
Acq: 9 Jul 2016 23:29

Instrument :
BNA_G
ClientSampleId :
C3-5

Tgt Ion:188 Resp: 829543
Ion Ratio Lower Upper
188 100
94 6.7 5.2 7.8
80 9.0 7.2 10.8

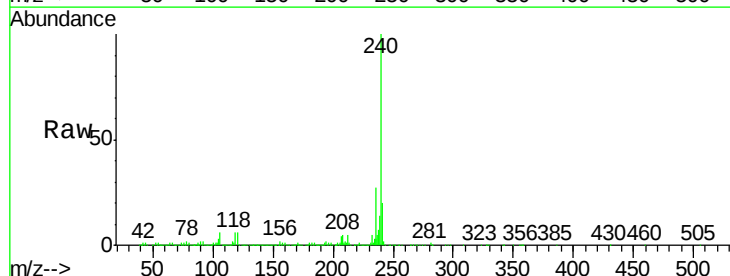


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

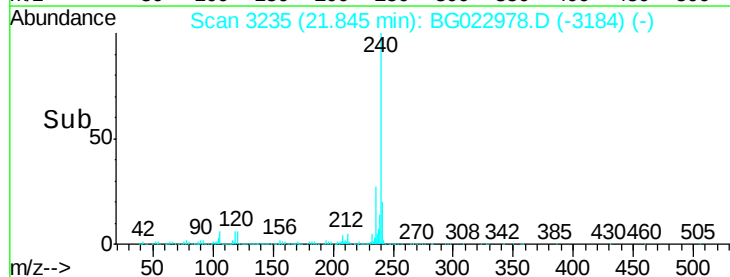
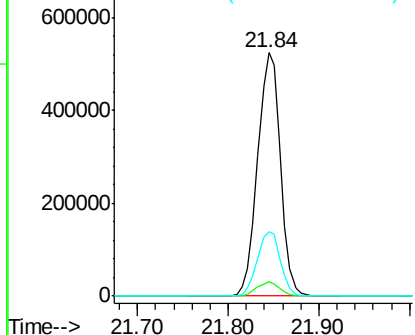


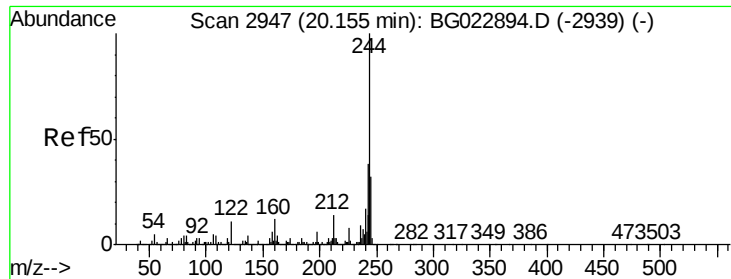
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3235
Delta R.T. -0.00 min
Lab File: BG022978.D
Acq: 9 Jul 2016 23:29

Tgt Ion:240 Resp: 914410
Ion Ratio Lower Upper
240 100
120 6.0 4.1 6.1
236 26.5 21.1 31.7



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: 113.27 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG022978.D

Acq: 9 Jul 2016 23:29

Instrument :

BNA_G

ClientSampleId :

C3-5

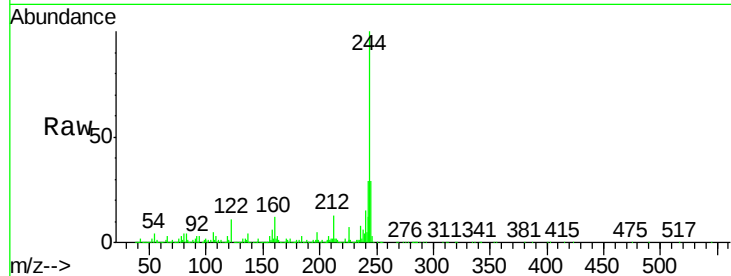
Tgt Ion:244 Resp: 2874872

Ion Ratio Lower Upper

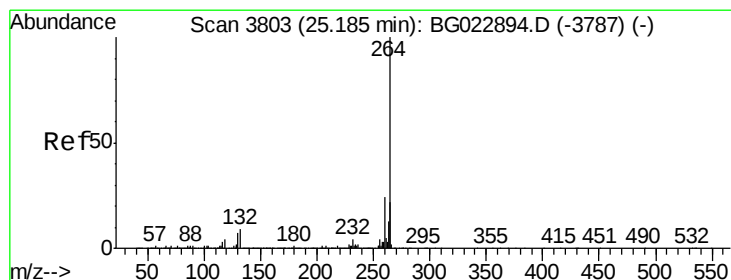
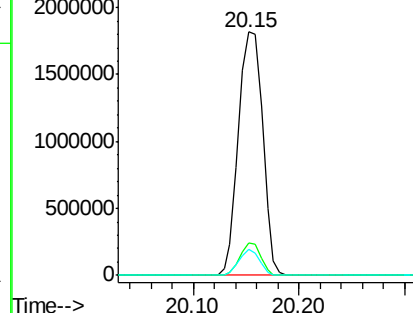
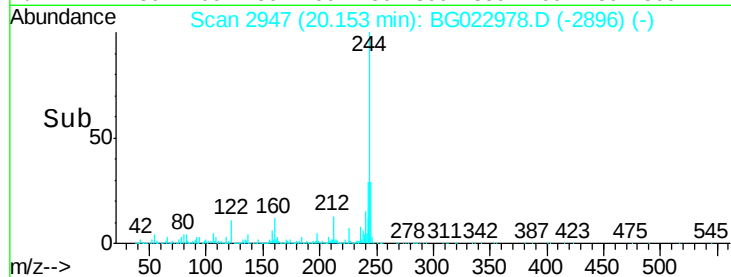
244 100

212 13.1 10.8 16.2

122 10.5 8.0 12.0



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: 25.19 min Scan# 3805

Delta R.T. 0.01 min

Lab File: BG022978.D

Acq: 9 Jul 2016 23:29

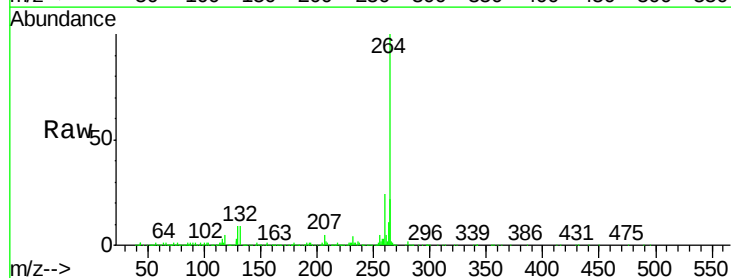
Tgt Ion:264 Resp: 924720

Ion Ratio Lower Upper

264 100

260 23.9 18.4 27.6

265 21.9 18.9 28.3



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

