

Data Path : S:\HPCHEM1\BNA_G\DATA\BG120817\
 Data File : BG031450.D
 Acq On : 9 Dec 2017 11:01
 Operator : SJ/JU
 Sample : I6746-07
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ENV-109-4(40-50)

Quant Time: Dec 11 06:21:46 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 17:58:37 2017
 Response via : Initial Calibration

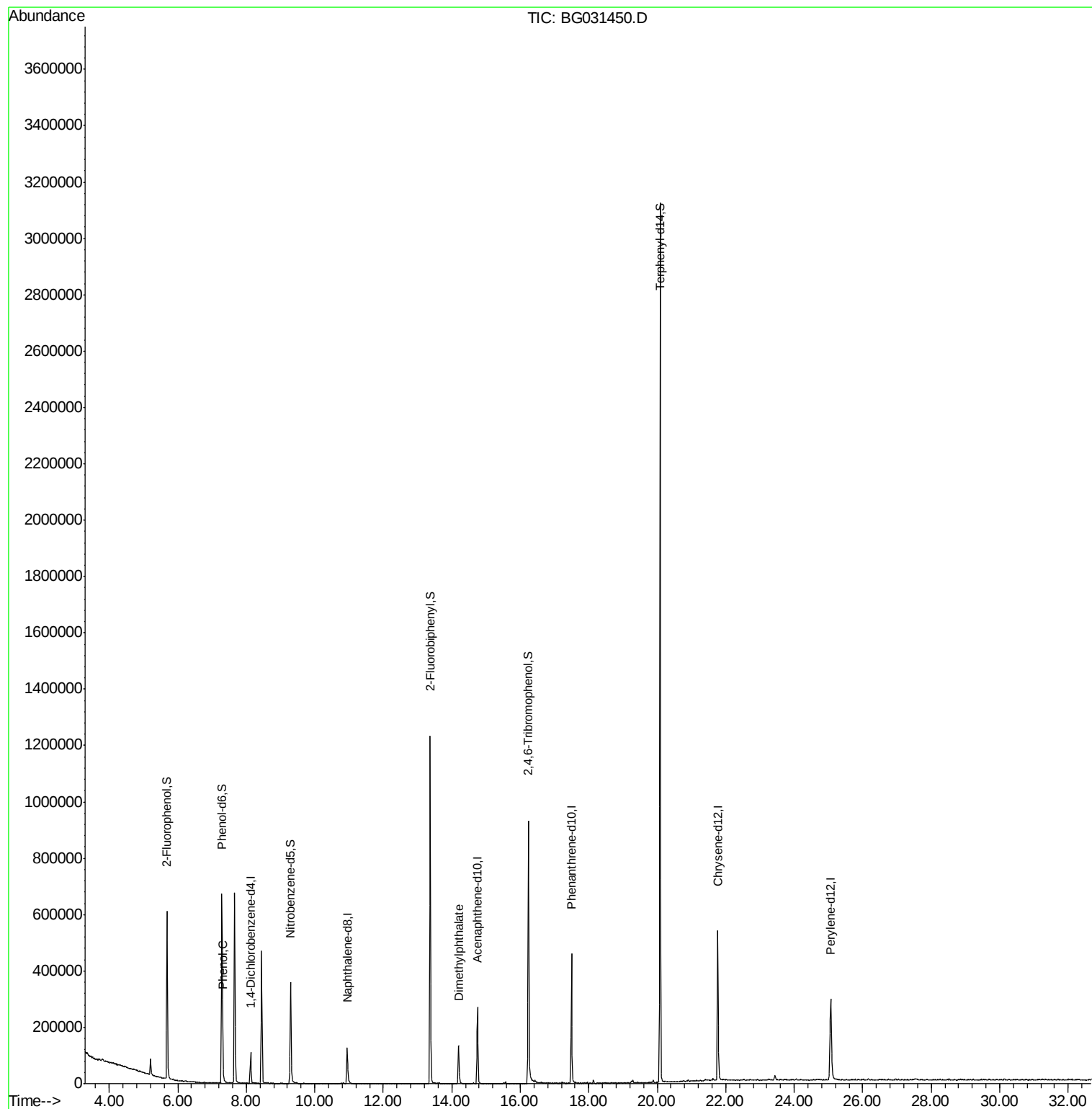
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	32976	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	142637	20.00	ng	0.00
38) Acenaphthene-d10	14.74	164	105938	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	323478	20.00	ng	0.00
75) Chrysene-d12	21.77	240	380768	20.00	ng	0.00
86) Perylene-d12	25.06	264	358011	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	280984	146.11	ng	0.00
7) Phenol-d6	7.29	99	406269	156.81	ng	0.00
23) Nitrobenzene-d5	9.29	82	247114	102.66	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	194968	113.77	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	717971	97.38	ng	0.00
78) Terphenyl-d14	20.08	244	1590178	92.22	ng	0.00
Target Compounds						
10) Phenol	7.32	94	15486	5.756	ng	Qvalue # 76
49) Dimethylphthalate	14.20	163	133590	14.584	ng	99

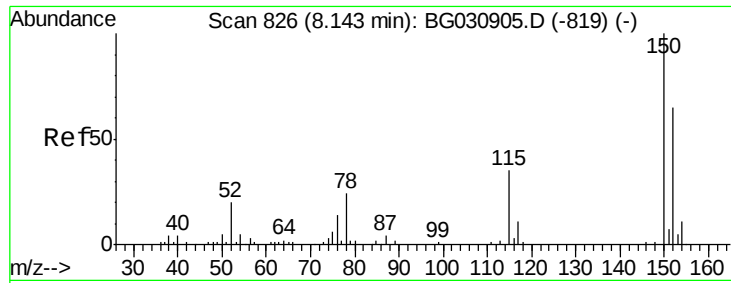
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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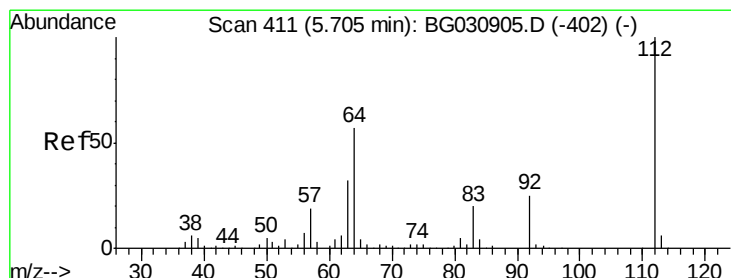
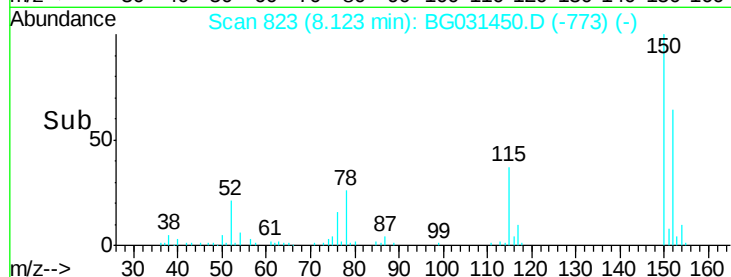
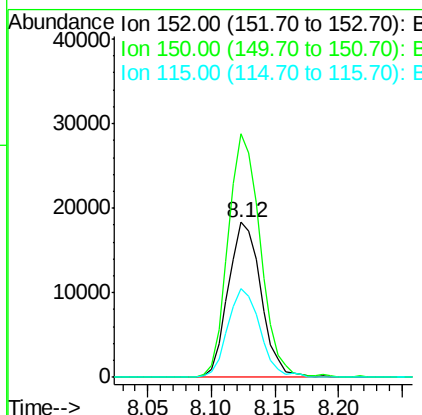
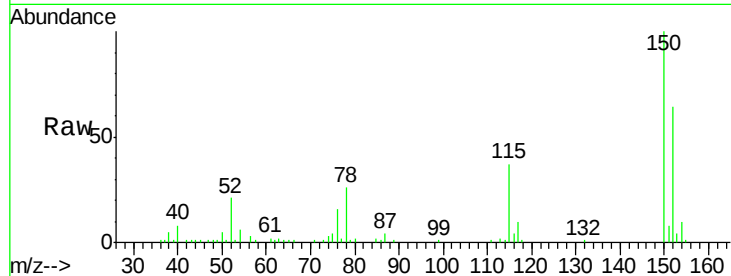




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.12 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BG031450.D
 Acq: 9 Dec 2017 11:01

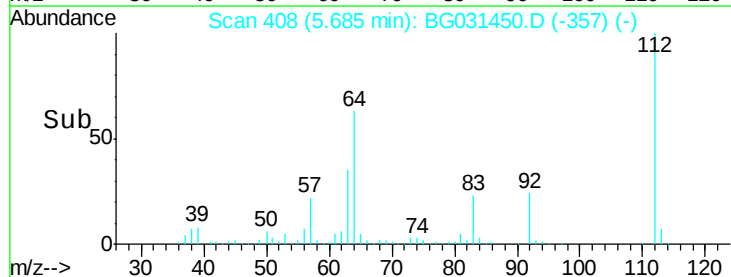
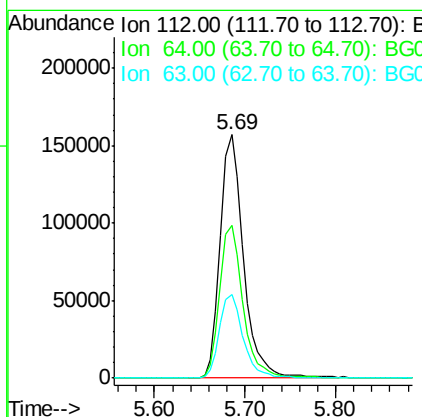
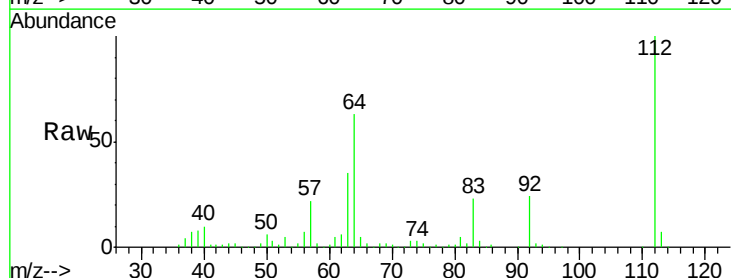
Instrument :
 BNA_G
 ClientSampleId :
 ENV-109-4(40-50)

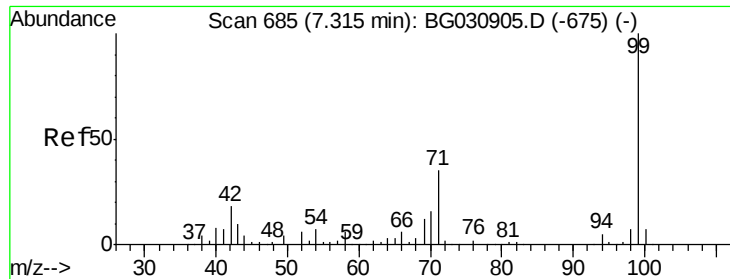
Tgt Ion:152 Resp: 32976
 Ion Ratio Lower Upper
 152 100
 150 156.8 126.6 189.8
 115 57.4 53.0 79.4



#5
 2-Fluorophenol
 Concen: 146.112 ng
 RT: 5.69 min Scan# 408
 Delta R.T. 0.00 min
 Lab File: BG031450.D
 Acq: 9 Dec 2017 11:01

Tgt Ion:112 Resp: 280984
 Ion Ratio Lower Upper
 112 100
 64 63.0 56.3 84.5
 63 34.5 30.1 45.1





#7

Phenol-d6

Concen: 156.813 ng

RT: 7.29 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG031450.D

Acq: 9 Dec 2017 11:01

Instrument :

BNA_G

ClientSampleId :

ENV-109-4(40-50)

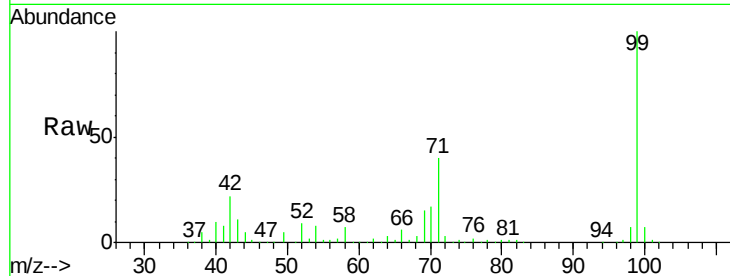
Tgt Ion: 99 Resp: 406269

Ion Ratio Lower Upper

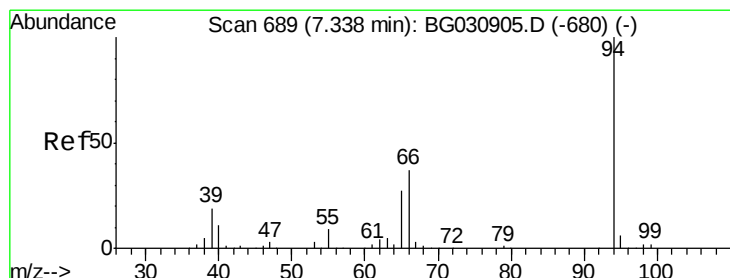
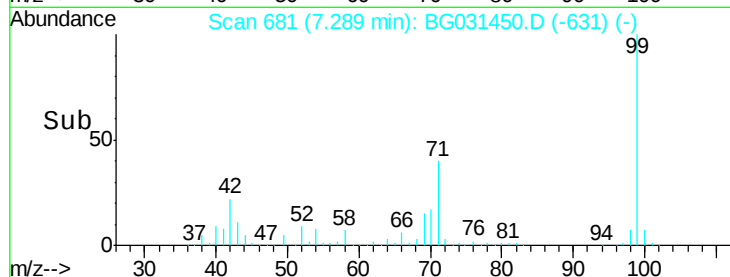
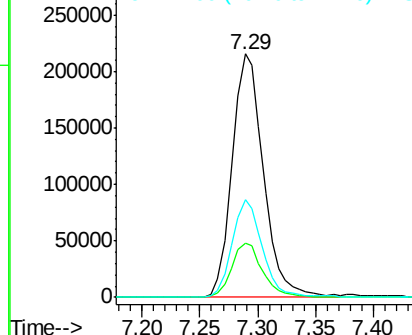
99 100

42 22.0 14.1 21.1#

71 39.9 26.1 39.1#



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: 5.756 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG031450.D

Acq: 9 Dec 2017 11:01

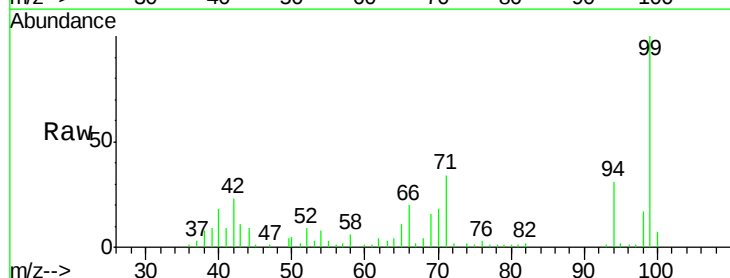
Tgt Ion: 94 Resp: 15486

Ion Ratio Lower Upper

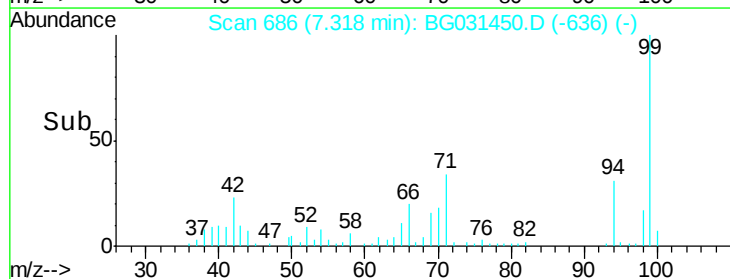
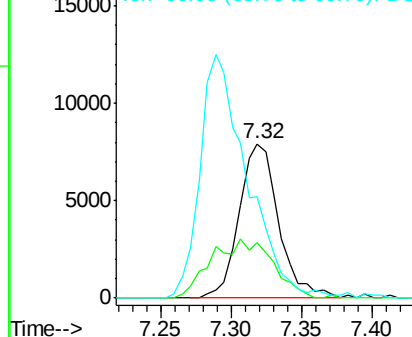
94 100

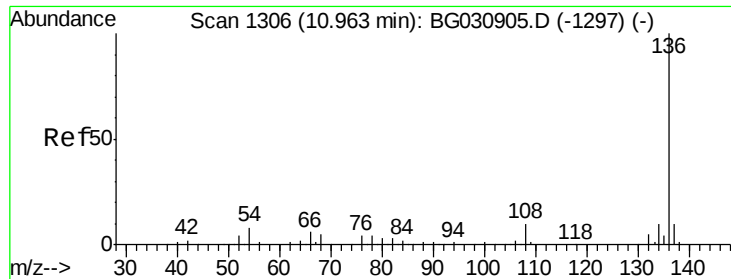
65 35.5 11.9 51.9

66 65.5 22.2 62.2#



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

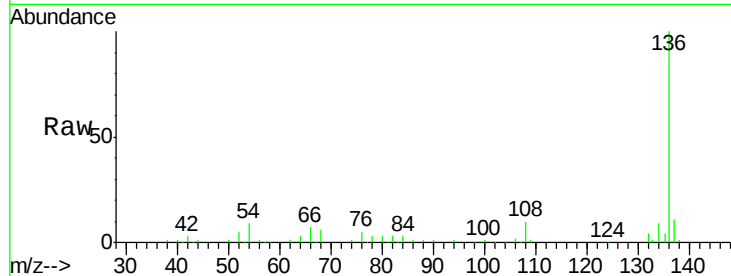




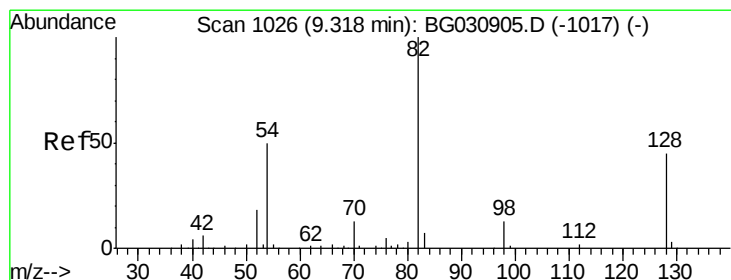
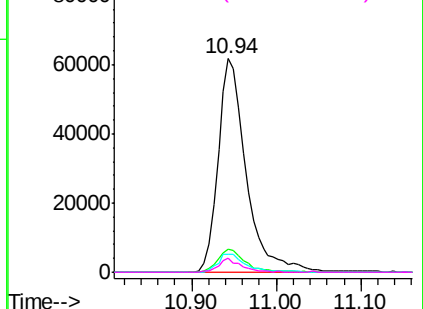
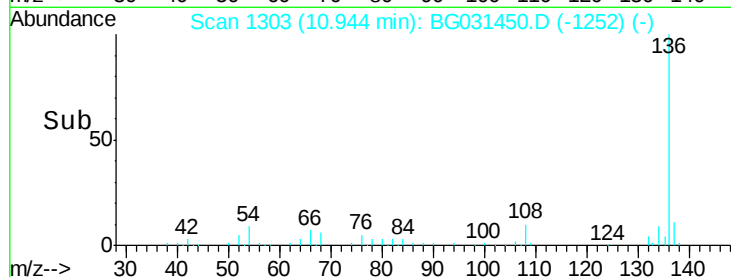
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BG031450.D
Acq: 9 Dec 2017 11:01

Instrument :
BNA_G
ClientSampleId :
ENV-109-4(40-50)

Tgt Ion: 136 Resp: 142637
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 8.6 10.3 15.5#
68 6.4 4.5 6.7

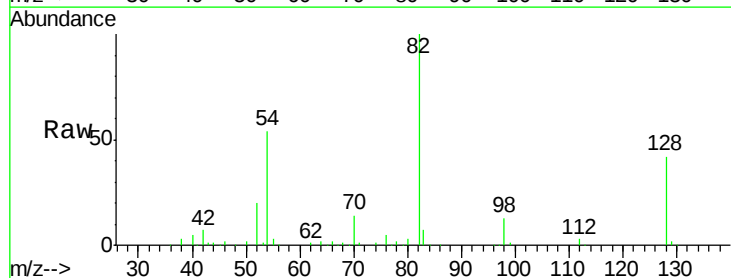


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

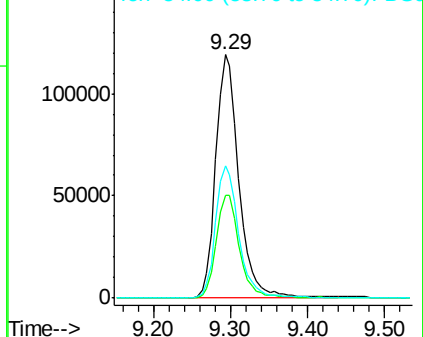
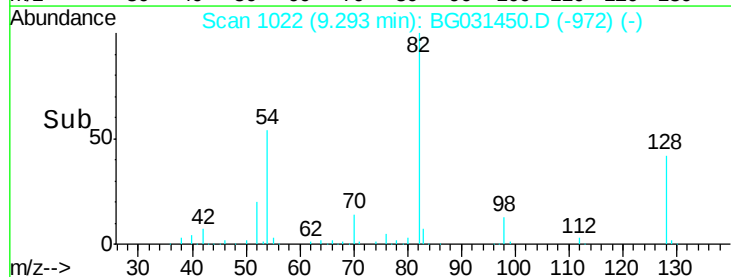


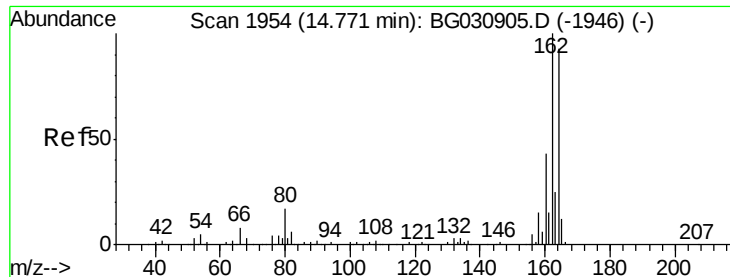
#23
Nitrobenzene-d5
Concen: 102.660 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG031450.D
Acq: 9 Dec 2017 11:01

Tgt Ion: 82 Resp: 247114
Ion Ratio Lower Upper
82 100
128 42.0 29.7 44.5
54 54.4 43.1 64.7



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: 20.000 ng

RT: 14.74 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BG031450.D

Acq: 9 Dec 2017 11:01

Instrument :

BNA_G

ClientSampleId :

ENV-109-4(40-50)

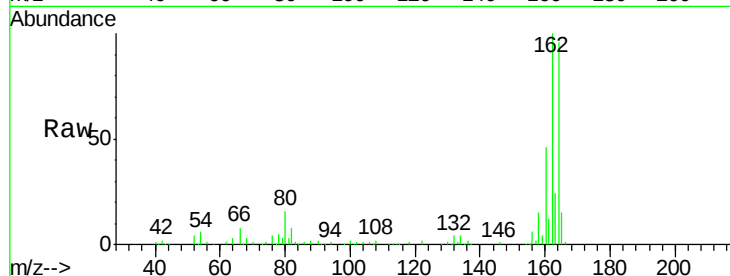
Tgt Ion:164 Resp: 105938

Ion Ratio Lower Upper

164 100

162 104.6 78.8 118.2

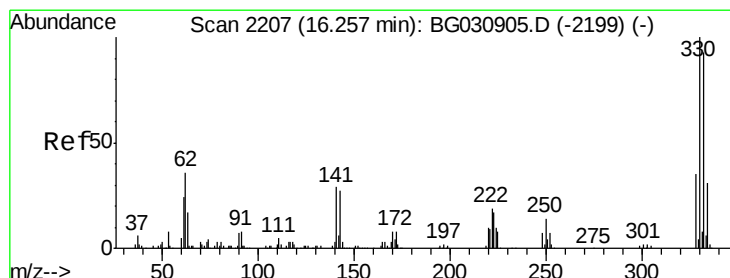
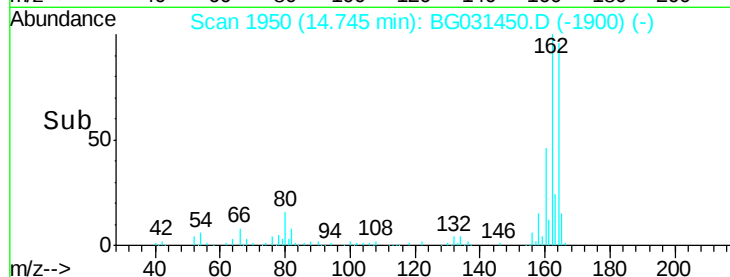
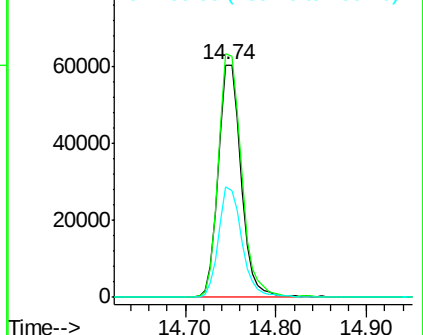
160 47.7 35.4 53.0



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: 113.768 ng

RT: 16.24 min Scan# 2204

Delta R.T. 0.00 min

Lab File: BG031450.D

Acq: 9 Dec 2017 11:01

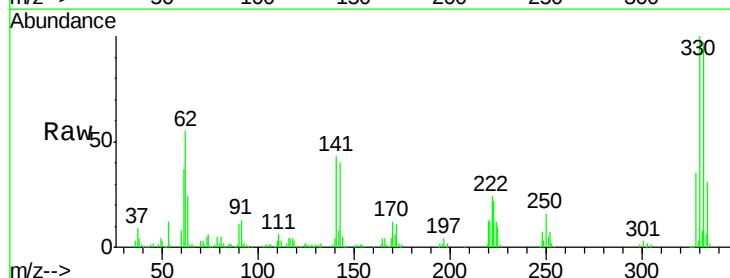
Tgt Ion:330 Resp: 194968

Ion Ratio Lower Upper

330 100

332 94.6 77.0 115.6

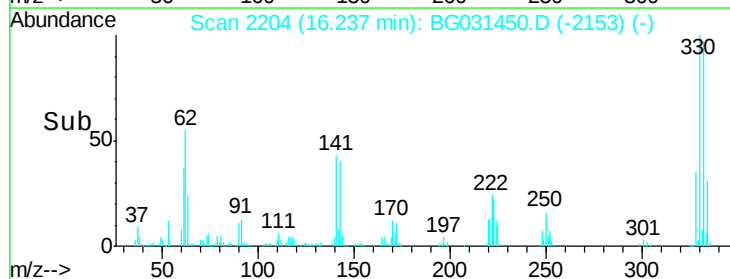
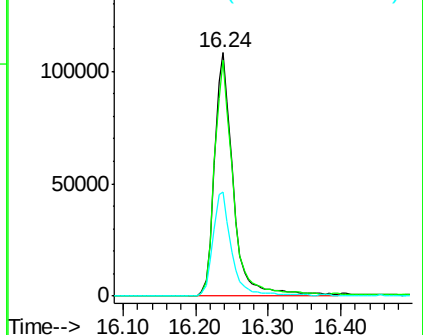
141 42.9 25.2 37.8#

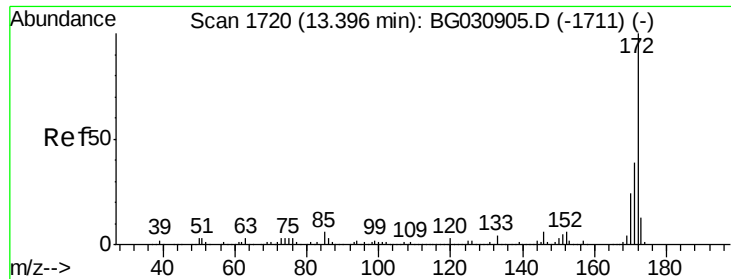


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

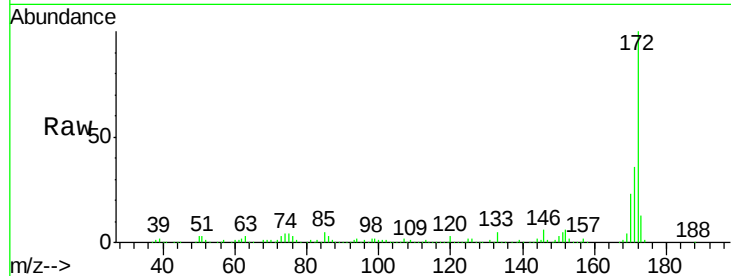




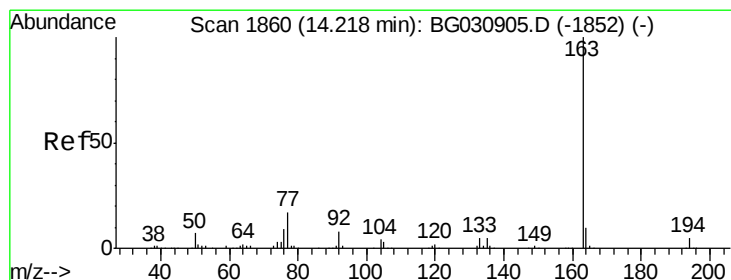
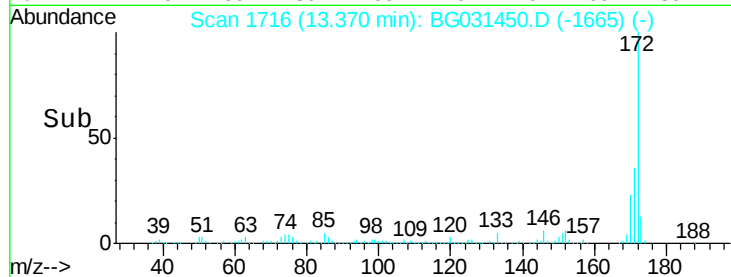
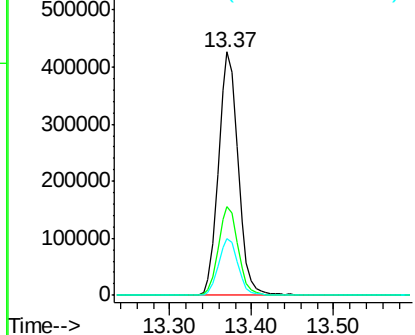
#44
2-Fluorobiphenyl
Concen: 97.382 ng
RT: 13.37 min Scan# 1716
Delta R.T. 0.00 min
Lab File: BG031450.D
Acq: 9 Dec 2017 11:01

Instrument :
BNA_G
ClientSampleId :
ENV-109-4(40-50)

Tgt Ion:172 Resp: 717971
Ion Ratio Lower Upper
172 100
171 36.4 30.0 45.0
170 23.4 19.5 29.3

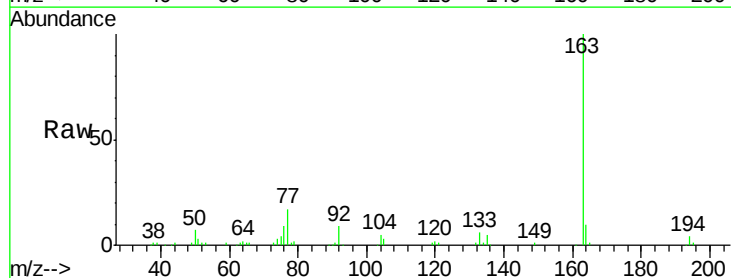


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

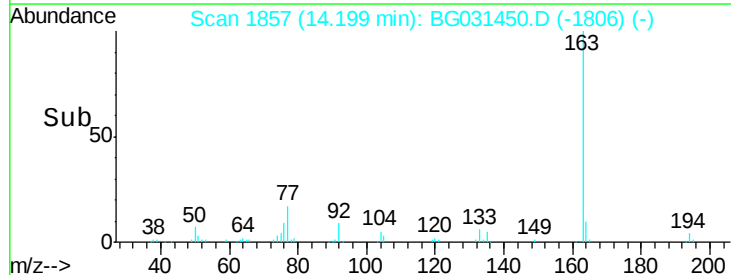
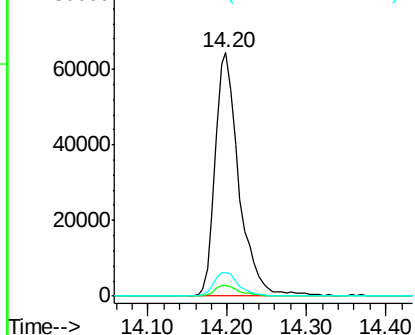


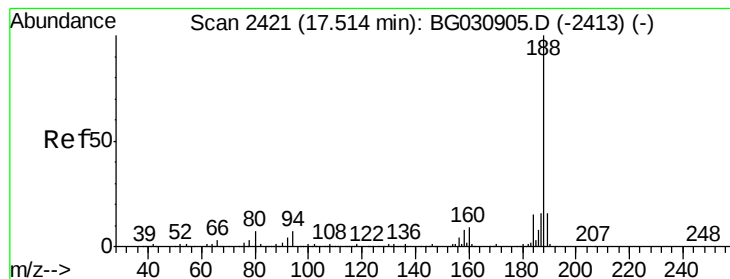
#49
Dimethylphthalate
Concen: 14.584 ng
RT: 14.20 min Scan# 1857
Delta R.T. 0.00 min
Lab File: BG031450.D
Acq: 9 Dec 2017 11:01

Tgt Ion:163 Resp: 133590
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 9.7 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.49 min Scan# 2417

Delta R.T. -0.01 min

Lab File: BG031450.D

Acq: 9 Dec 2017 11:01

Instrument :

BNA_G

ClientSampleId :

ENV-109-4(40-50)

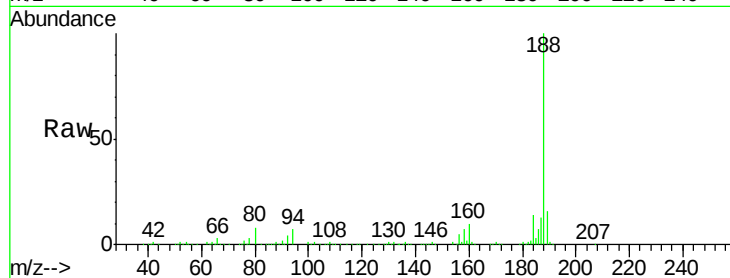
Tgt Ion:188 Resp: 323478

Ion Ratio Lower Upper

188 100

94 6.9 6.9 10.3

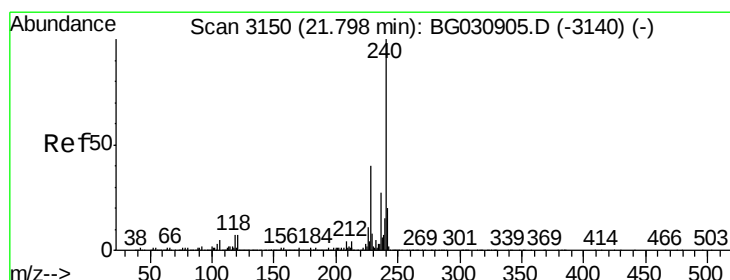
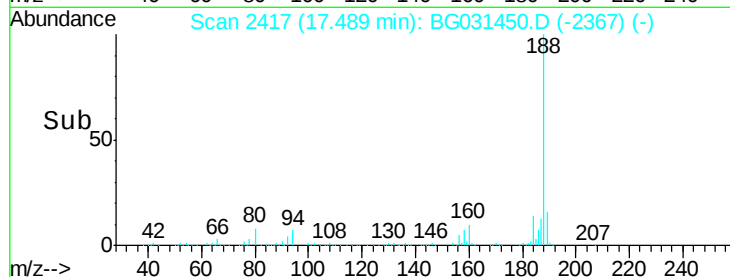
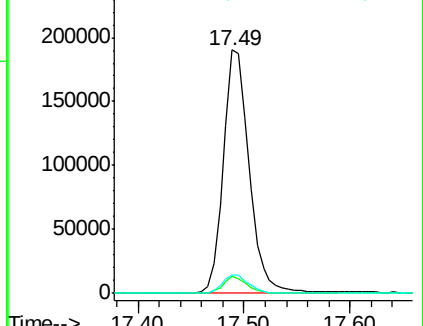
80 7.8 7.7 11.5



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: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG031450.D

Acq: 9 Dec 2017 11:01

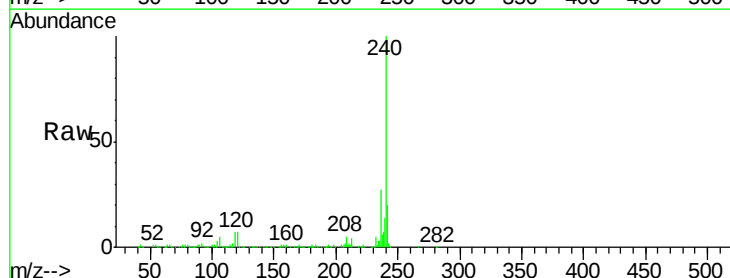
Tgt Ion:240 Resp: 380768

Ion Ratio Lower Upper

240 100

120 7.5 6.8 10.2

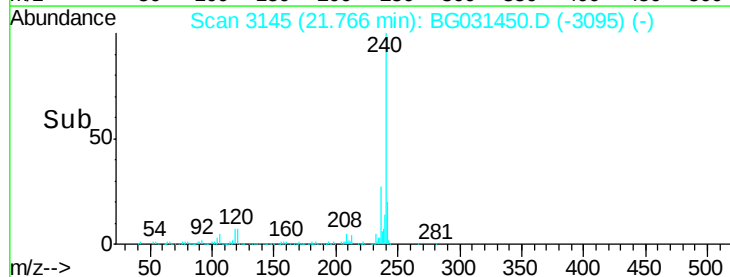
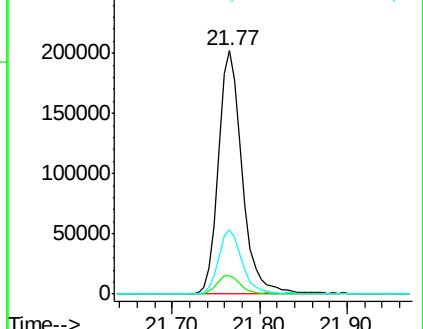
236 26.7 20.9 31.3



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: 92.215 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG031450.D

Acq: 9 Dec 2017 11:01

Instrument :

BNA_G

ClientSampleId :

ENV-109-4(40-50)

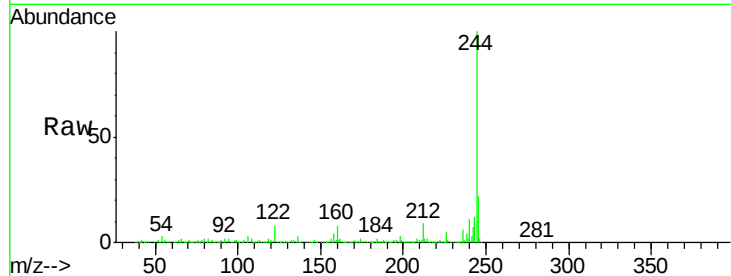
Tgt Ion:244 Resp: 1590178

Ion Ratio Lower Upper

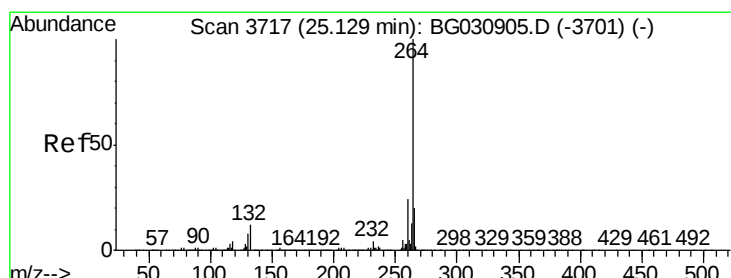
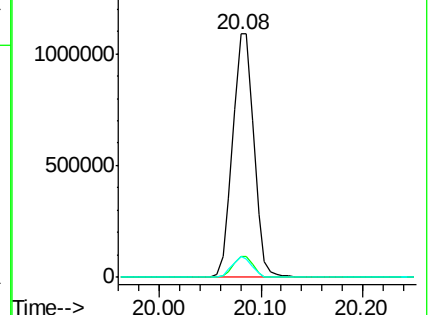
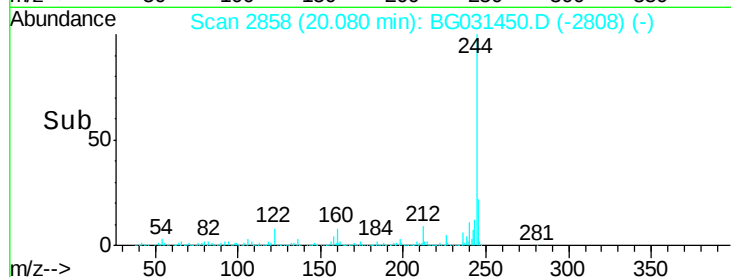
244 100

212 8.7 5.8 8.8

122 8.4 7.0 10.4



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: 20.000 ng

RT: 25.06 min Scan# 3706

Delta R.T. -0.01 min

Lab File: BG031450.D

Acq: 9 Dec 2017 11:01

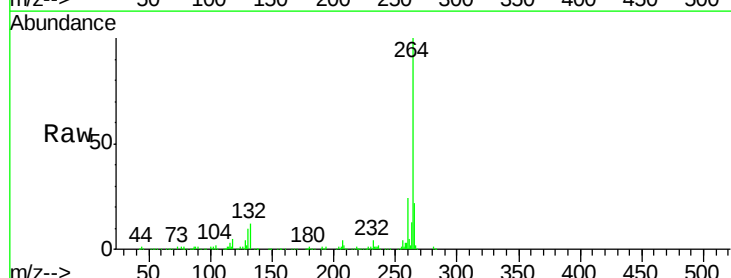
Tgt Ion:264 Resp: 358011

Ion Ratio Lower Upper

264 100

260 24.4 17.4 26.0

265 21.8 17.7 26.5



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

