

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092517\
 Data File : BG028913.D
 Acq On : 25 Sep 2017 18:34
 Operator : SJ/JU
 Sample : I5301-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 26 01:25:44 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

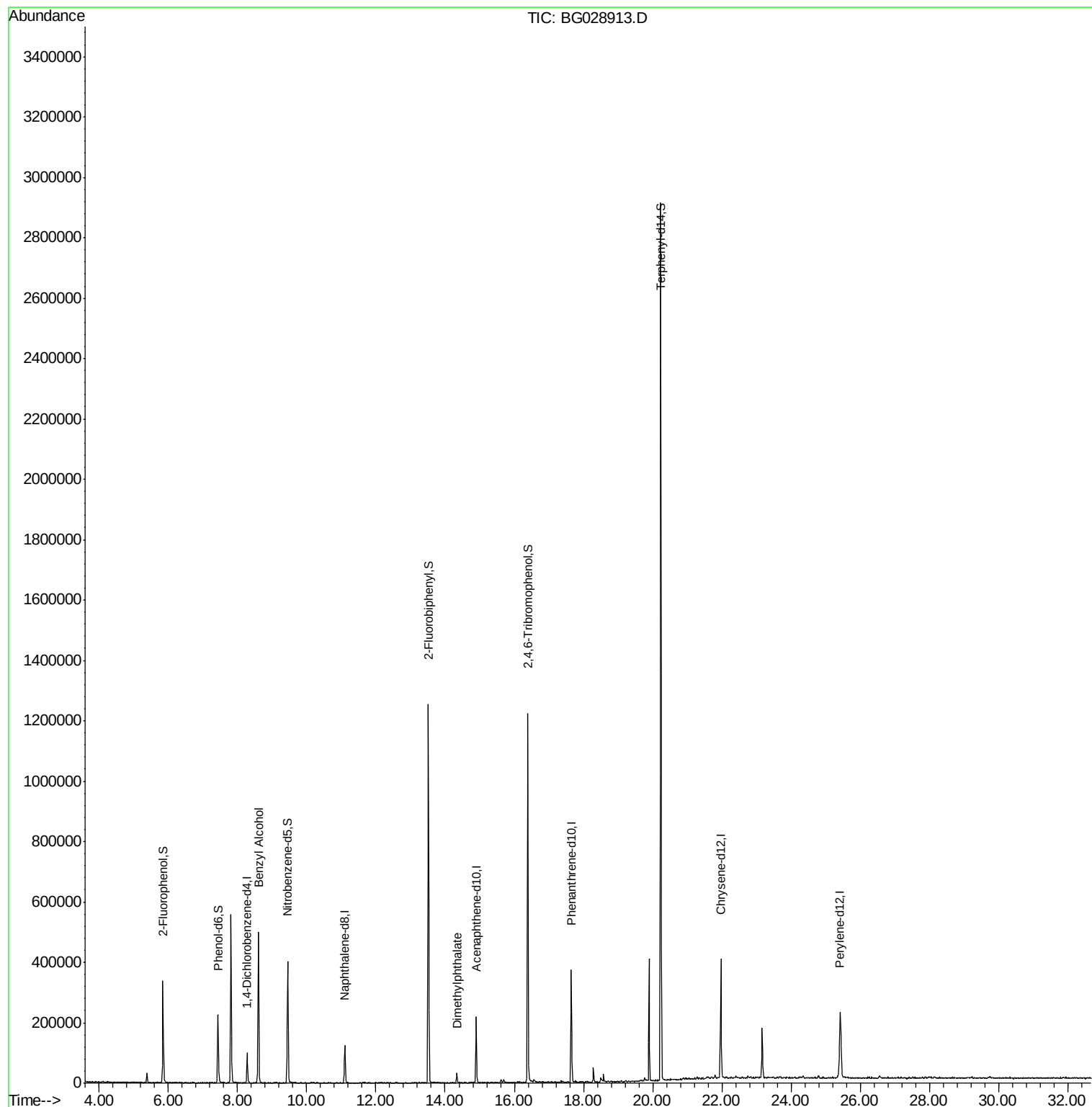
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	29455	20.00	ng	-0.05
21) Naphthalene-d8	11.10	136	111379	20.00	ng	-0.05
38) Acenaphthene-d10	14.89	164	78990	20.00	ng	-0.05
63) Phenanthrene-d10	17.65	188	239415	20.00	ng	-0.05
75) Chrysene-d12	21.97	240	278670	20.00	ng	-0.06
86) Perylene-d12	25.42	264	284762	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	145224	81.35	ng	-0.05
7) Phenol-d6	7.43	99	142111	52.87	ng	-0.06
23) Nitrobenzene-d5	9.45	82	260591	111.92	ng	-0.06
41) 2,4,6-Tribromophenol	16.39	330	266431	203.94	ng	-0.05
44) 2-Fluorobiphenyl	13.52	172	684754	115.59	ng	-0.05
78) Terphenyl-d14	20.23	244	1380934	105.68	ng	-0.05
Target Compounds						
15) Benzyl Alcohol	8.61	79	4453	2.12	ng	Qvalue # 57
49) Dimethylphthalate	14.34	163	25274	3.82	ng	97

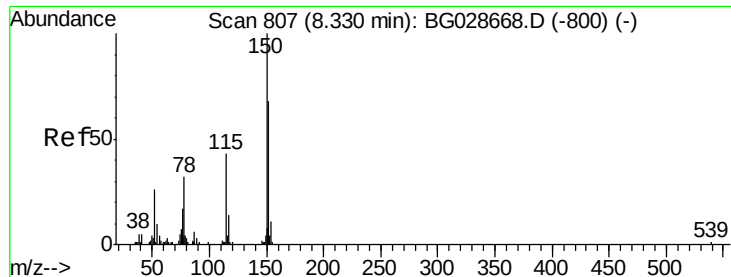
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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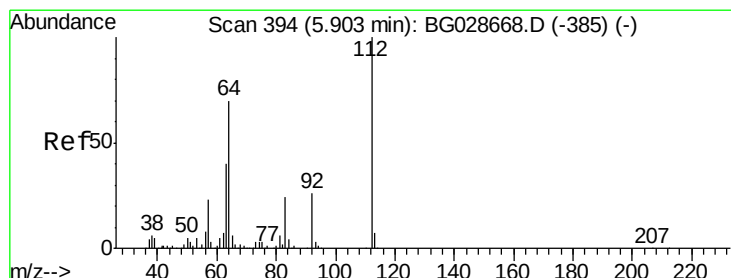
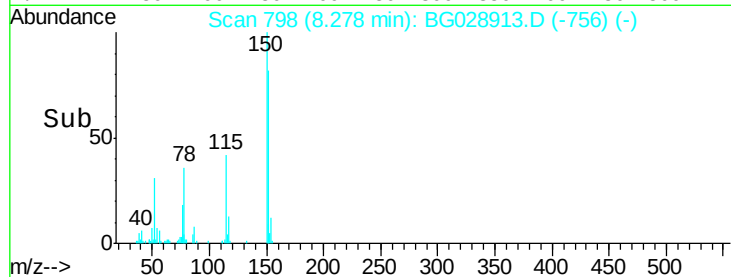
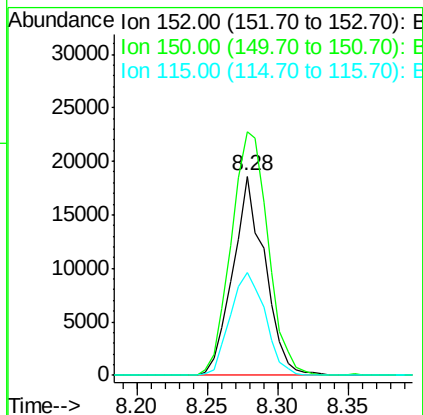
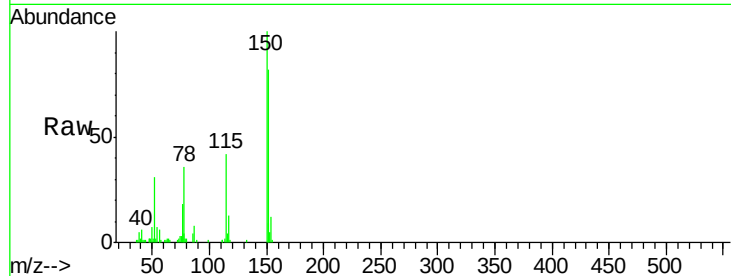


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.28 min Scan# 798
Delta R.T. -0.05 min
Lab File: BG028913.D
Acq: 25 Sep 2017 18:34

Instrument :
BNA_G
ClientSampleId :

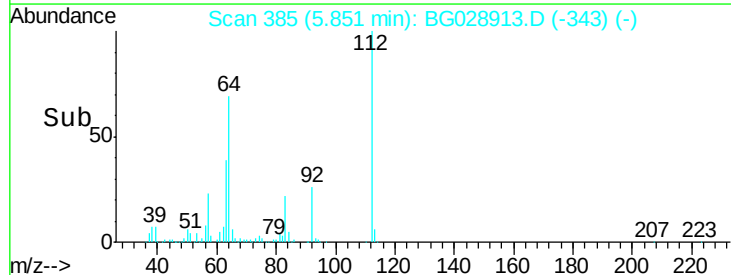
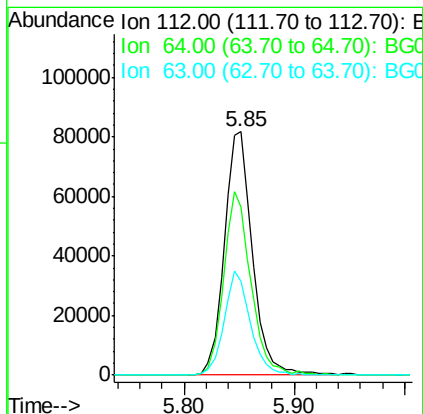
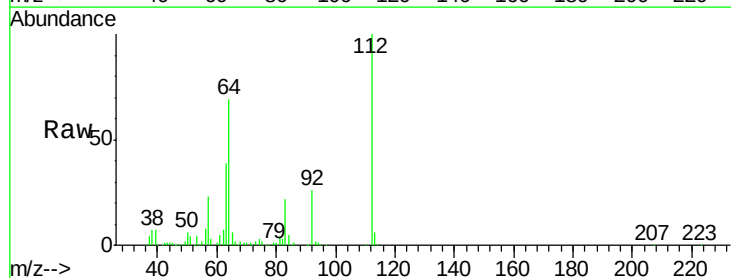
Tot Ion:152 Resp: 29455
Ion Ratio Lower Upper
152 100
150 122.3 114.0 171.0
115 51.3 48.1 72.1

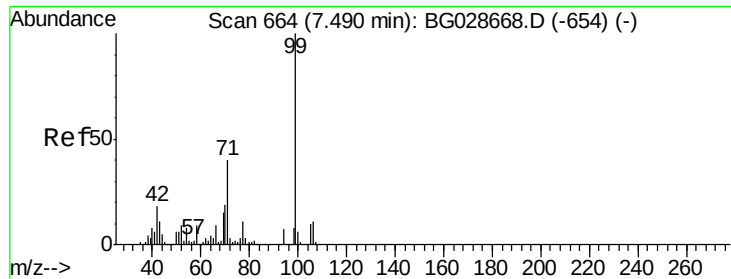


#5

2-Fluorophenol
Concen: 81.35 ng
RT: 5.85 min Scan# 385
Delta R.T. -0.05 min
Lab File: BG028913.D
Acq: 25 Sep 2017 18:34

Tgt Ion:112 Resp: 145224
Ion Ratio Lower Upper
112 100
64 68.8 61.8 92.6
63 38.6 37.2 55.8





#7

Phenol-d6

Concen: 52.87 ng

RT: 7.43 min Scan# 654

Delta R.T. -0.06 min

Lab File: BG028913.D

Acq: 25 Sep 2017 18:34

Instrument :

BNA_G

ClientSampleId :

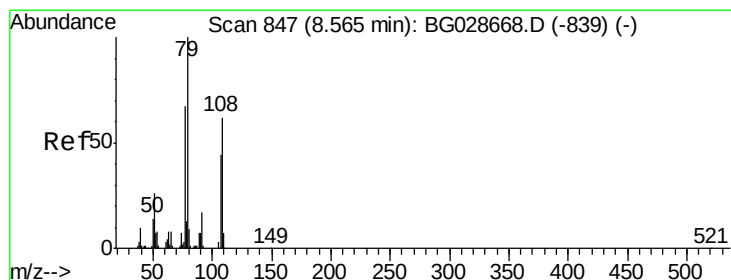
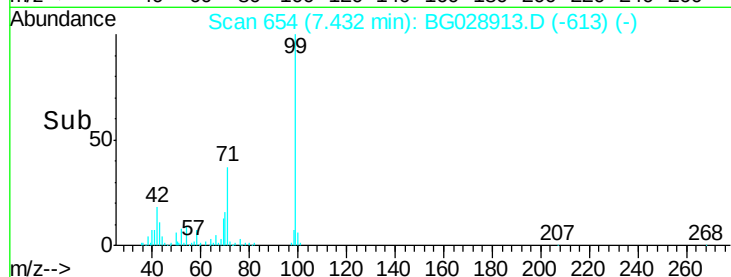
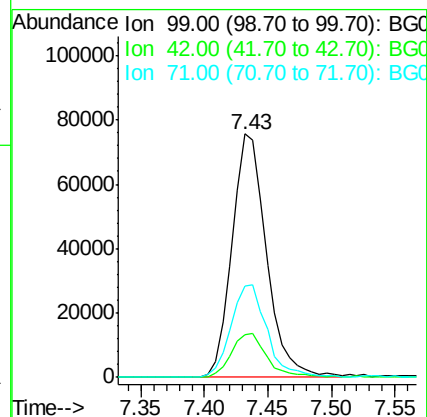
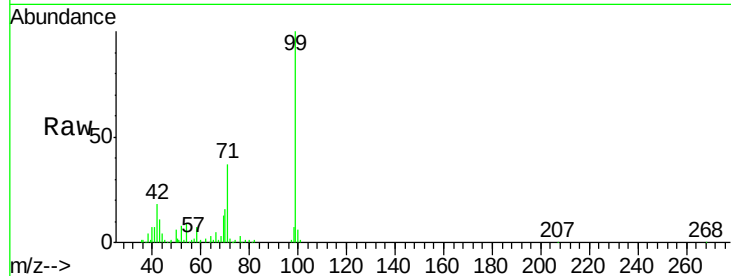
Tot Ion: 99 Resp: 142111

Ion Ratio Lower Upper

99 100

42 17.6 20.5 30.7#

71 37.4 37.6 56.4#



#15

Benzyl Alcohol

Concen: 2.12 ng

RT: 8.61 min Scan# 854

Delta R.T. 0.04 min

Lab File: BG028913.D

Acq: 25 Sep 2017 18:34

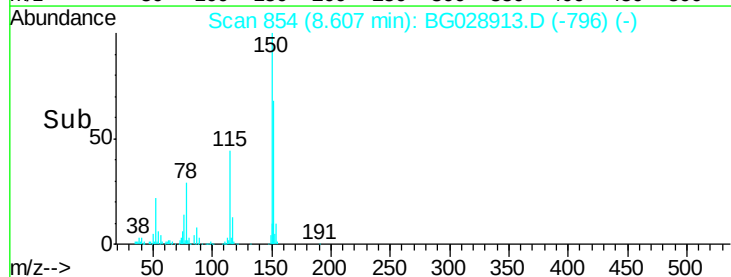
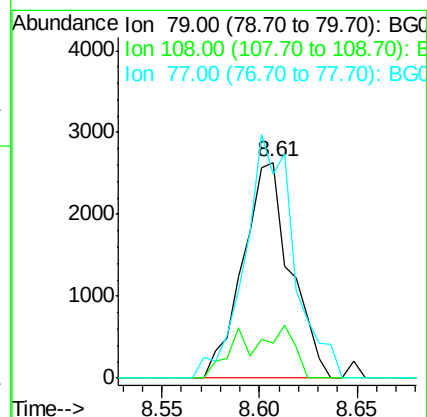
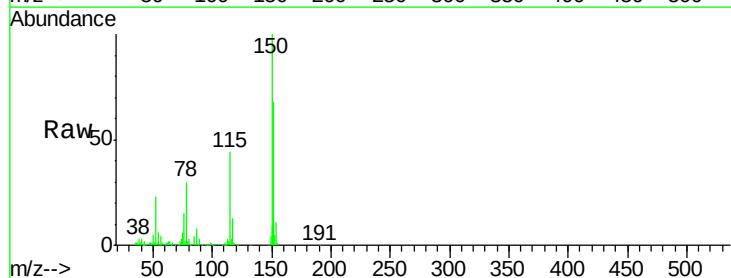
Tgt Ion: 79 Resp: 4453

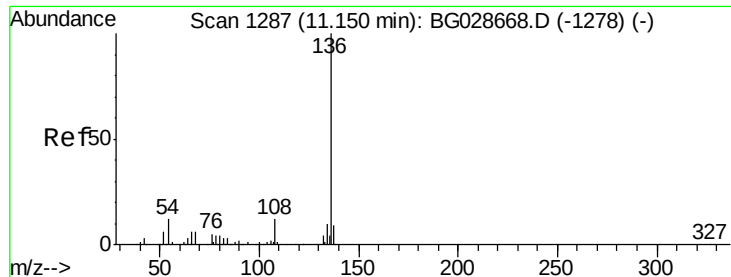
Ion Ratio Lower Upper

79 100

108 16.3 45.5 68.3#

77 94.6 54.3 81.5#

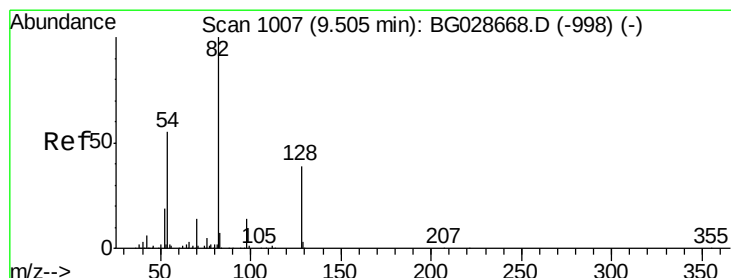
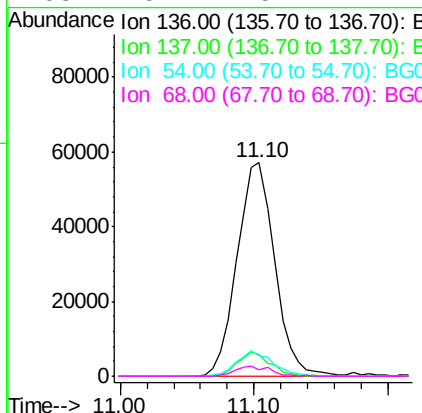
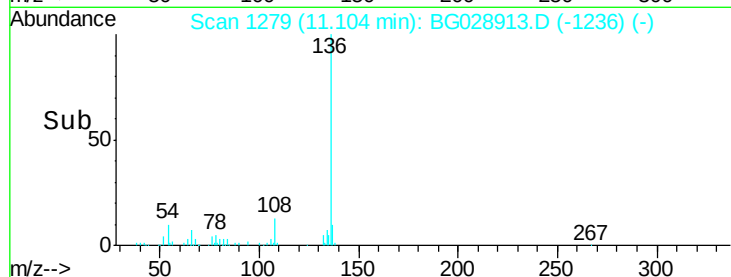
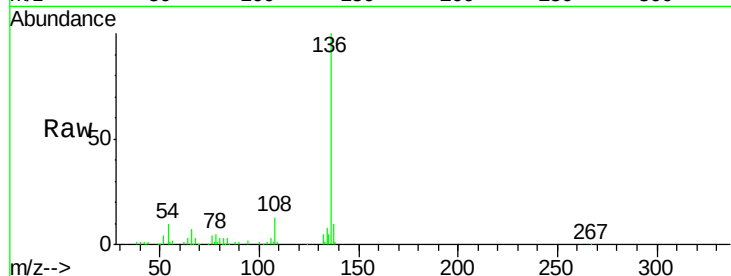




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.10 min Scan# 1279
Delta R.T. -0.05 min
Lab File: BG028913.D
Acq: 25 Sep 2017 18:34

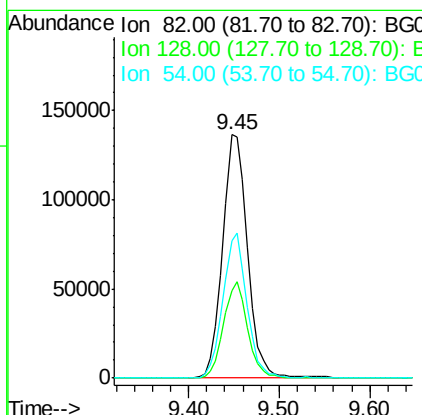
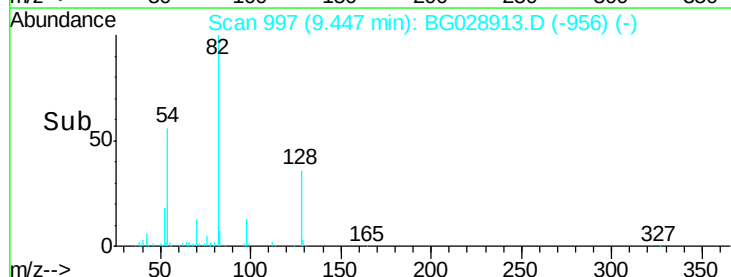
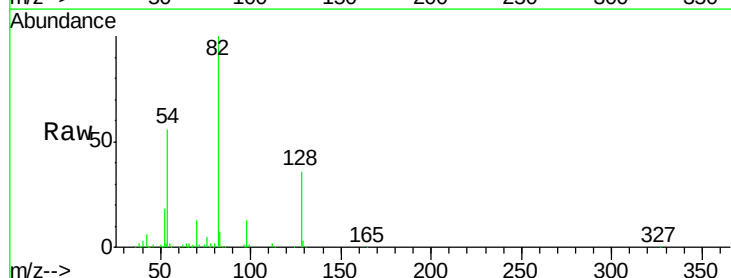
Instrument :
BNA_G
ClientSampleId :

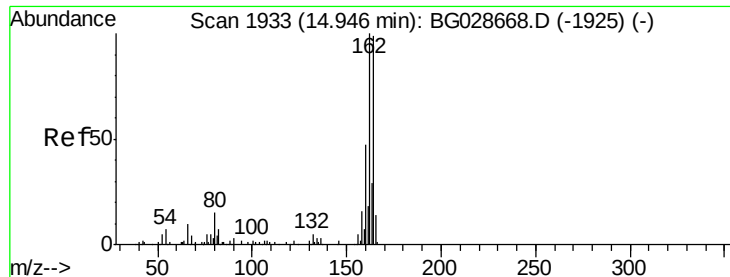
Tot Ion:136	Resp:	111379
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.9 13.3
54	9.8	9.3 13.9
68	3.1	5.1 7.7#



#23
Nitrobenzene-d5
Concen: 111.92 ng
RT: 9.45 min Scan# 997
Delta R.T. -0.06 min
Lab File: BG028913.D
Acq: 25 Sep 2017 18:34

Tgt Ion: 82	Resp:	260591
Ion Ratio	Lower	Upper
82	100	
128	35.9	26.4 39.6
54	56.3	49.4 74.2

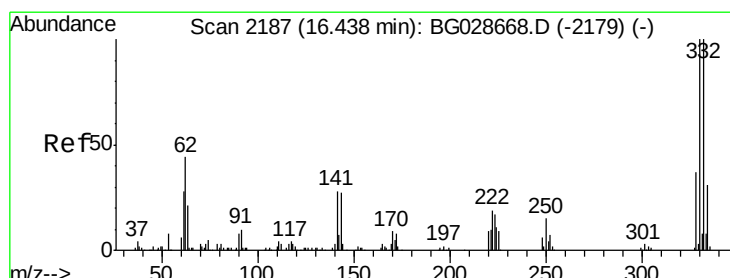
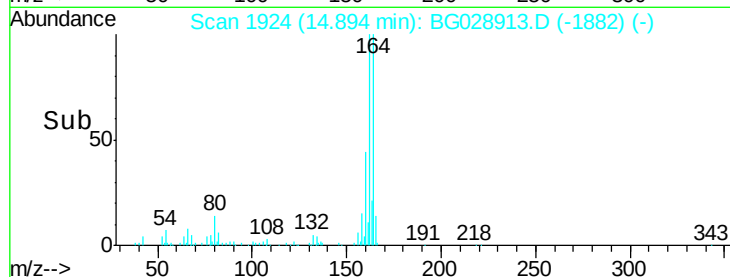
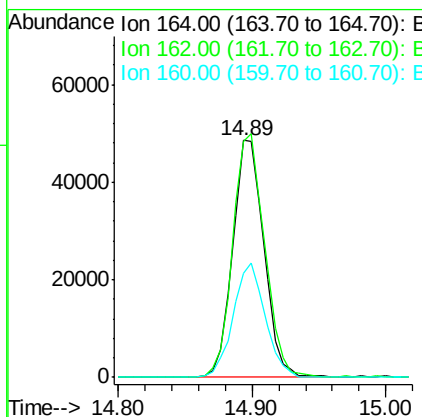
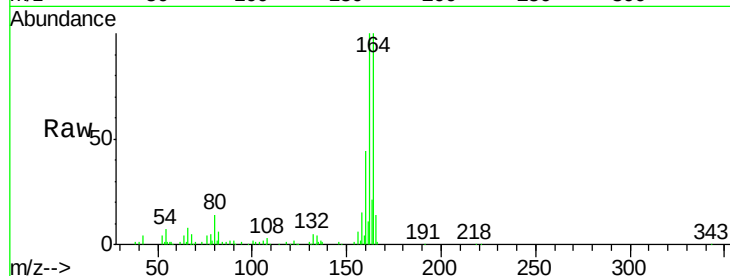




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.89 min Scan# 1924
Delta R.T. -0.05 min
Lab File: BG028913.D
Acq: 25 Sep 2017 18:34

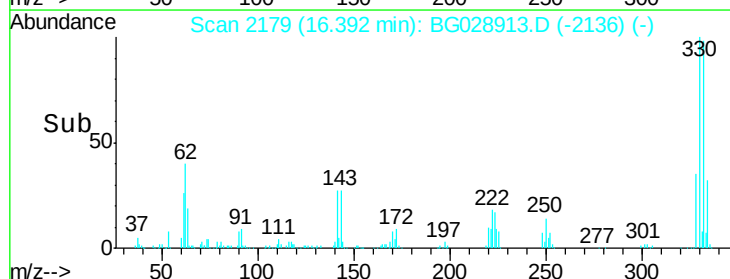
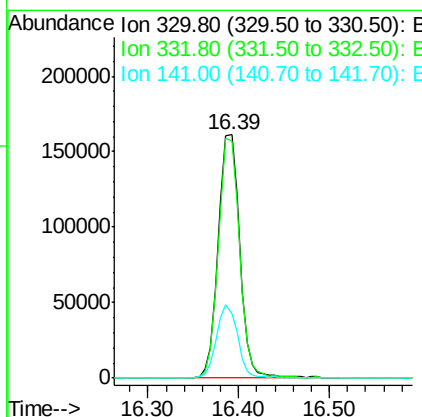
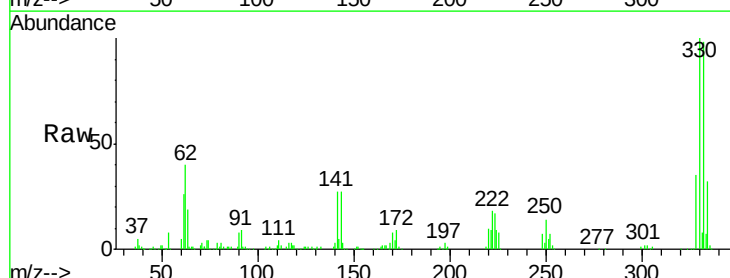
Instrument :
BNA_G
ClientSampleId :

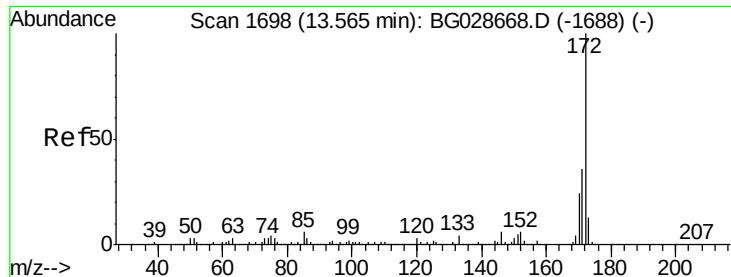
Tot Ion:164 Resp: 78990
Ion Ratio Lower Upper
164 100
162 99.5 85.1 127.7
160 43.9 34.7 52.1



#41
2,4,6-Tribromophenol
Concen: 203.94 ng
RT: 16.39 min Scan# 2179
Delta R.T. -0.05 min
Lab File: BG028913.D
Acq: 25 Sep 2017 18:34

Tgt Ion:330 Resp: 266431
Ion Ratio Lower Upper
330 100
332 96.4 77.3 115.9
141 29.7 32.1 48.1#

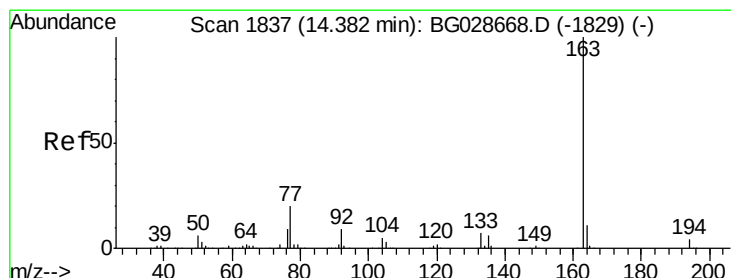
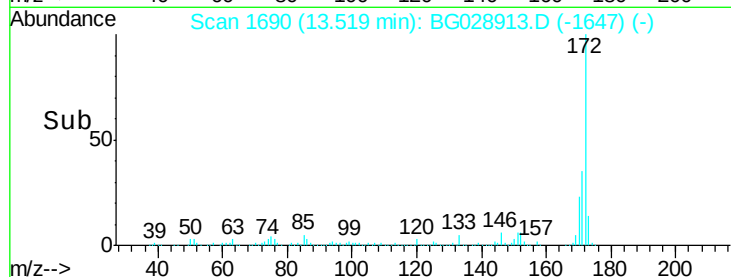
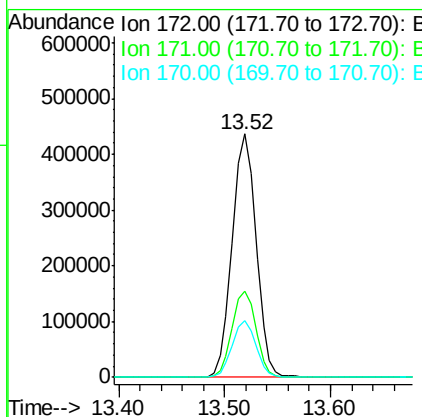
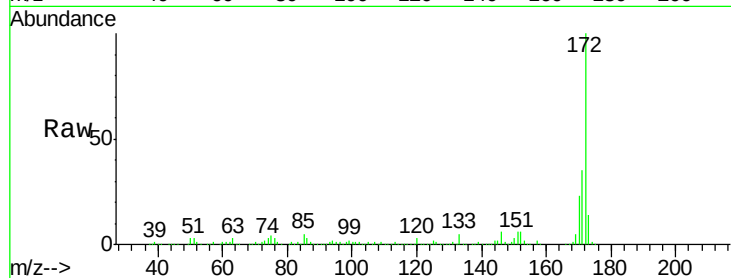




#44
2-Fluorobiphenyl
Concen: 115.59 ng
RT: 13.52 min Scan# 1690
Delta R.T. -0.05 min
Lab File: BG028913.D
Acq: 25 Sep 2017 18:34

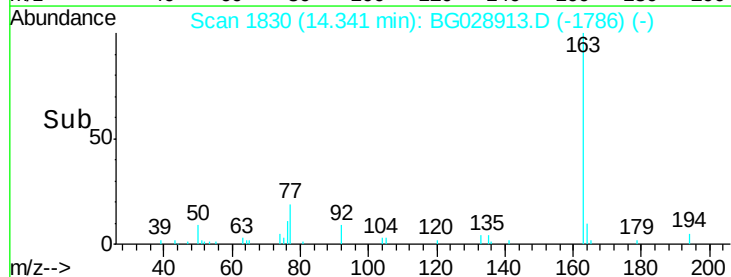
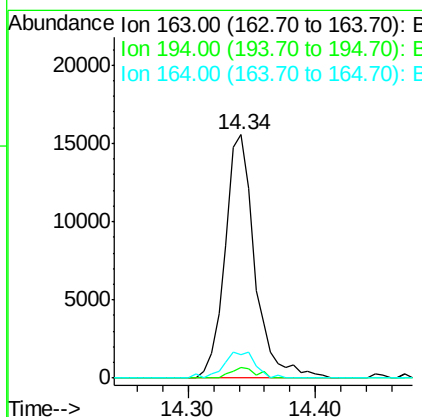
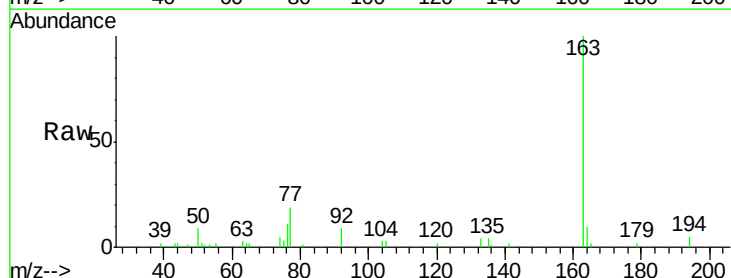
Instrument :
BNA_G
ClientSampleId :

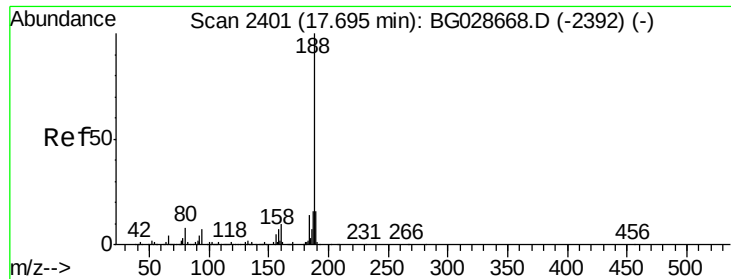
Tot Ion:172 Resp: 684754
Ion Ratio Lower Upper
172 100
171 35.4 32.2 48.2
170 23.1 21.8 32.6



#49
Dimethylphthalate
Concen: 3.82 ng
RT: 14.34 min Scan# 1830
Delta R.T. -0.04 min
Lab File: BG028913.D
Acq: 25 Sep 2017 18:34

Tgt Ion:163 Resp: 25274
Ion Ratio Lower Upper
163 100
194 4.6 3.8 5.6
164 9.8 9.3 13.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.65 min Scan# 2393

Delta R.T. -0.05 min

Lab File: BG028913.D

Acq: 25 Sep 2017 18:34

Instrument :

BNA_G

ClientSampleId :

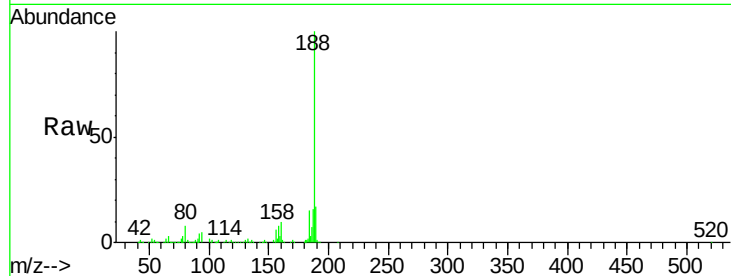
Tot Ion:188 Resp: 239415

Ion Ratio Lower Upper

188 100

94 5.4 5.8 8.8#

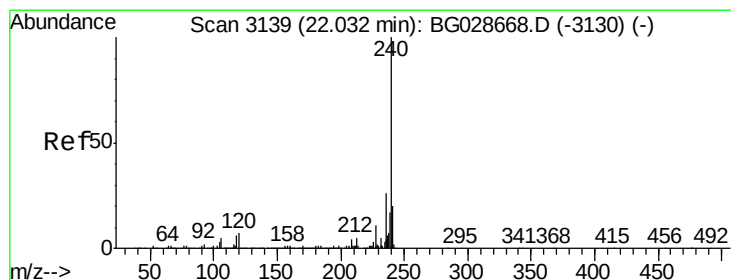
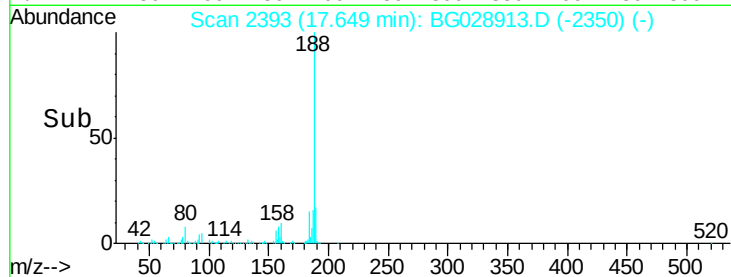
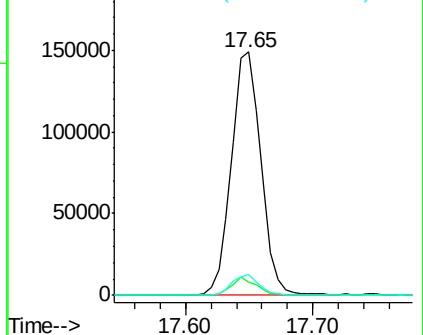
80 8.4 7.5 11.3



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: 20.00 ng

RT: 21.97 min Scan# 3128

Delta R.T. -0.06 min

Lab File: BG028913.D

Acq: 25 Sep 2017 18:34

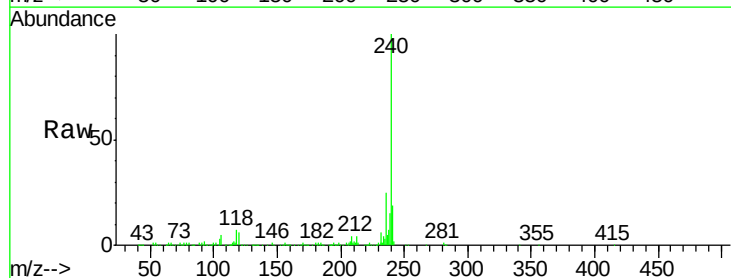
Tgt Ion:240 Resp: 278670

Ion Ratio Lower Upper

240 100

120 5.8 5.7 8.5

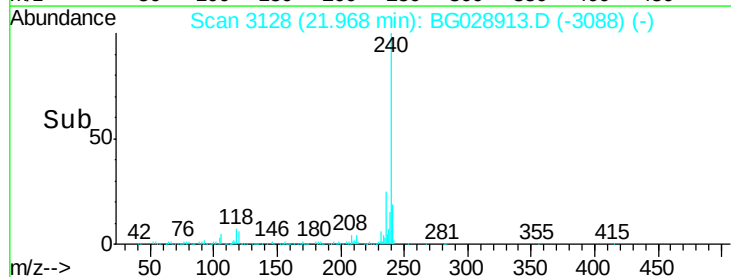
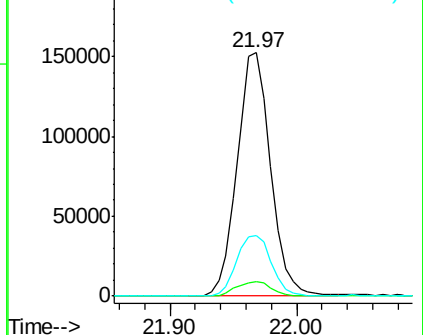
236 24.6 22.2 33.4

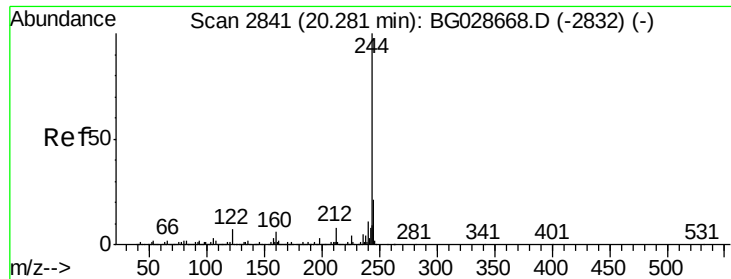


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 105.68 ng

RT: 20.23 min Scan# 2833

Delta R.T. -0.05 min

Lab File: BG028913.D

Acq: 25 Sep 2017 18:34

Instrument :

BNA_G

ClientSampled :

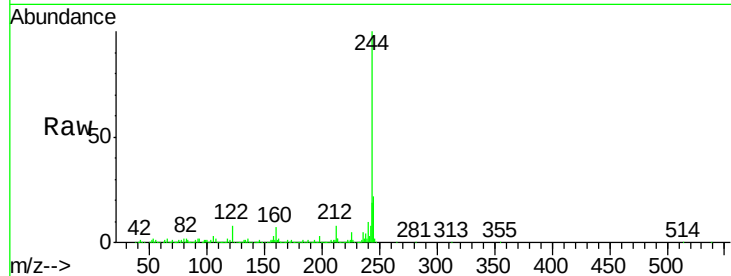
Tot Ion:244 Resp: 1380934

Ion Ratio Lower Upper

244 100

212 8.3 10.0 15.0#

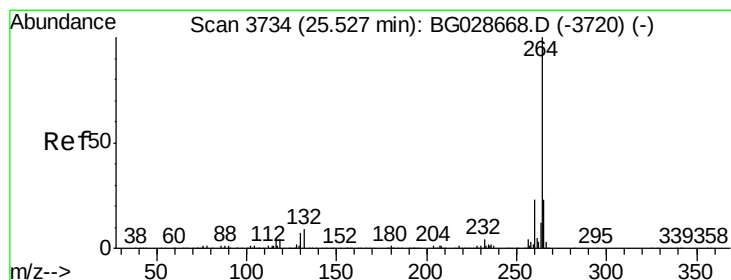
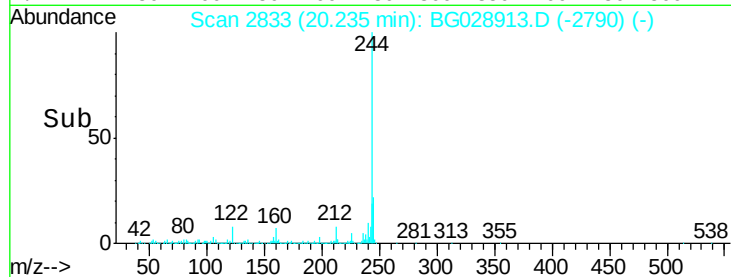
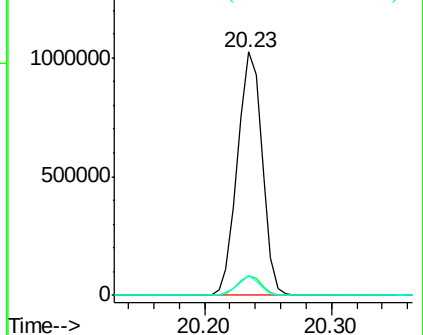
122 8.0 8.6 12.8#



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: 25.42 min Scan# 3715

Delta R.T. -0.11 min

Lab File: BG028913.D

Acq: 25 Sep 2017 18:34

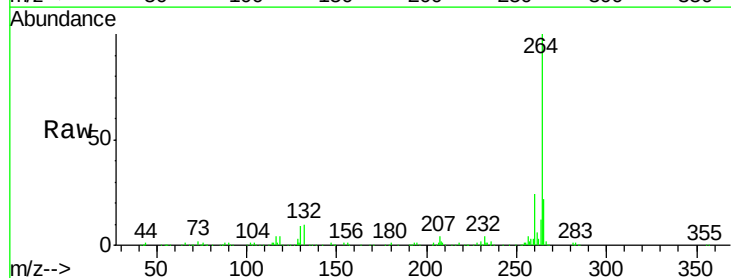
Tgt Ion:264 Resp: 284762

Ion Ratio Lower Upper

264 100

260 23.5 21.8 32.8

265 21.9 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

