

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091215\
 Data File : BG018644.D
 Acq On : 11 Sep 2015 18:09
 Operator : UM/IZ
 Sample : G3612-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-22

Quant Time: Sep 12 00:38:16 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 11 10:44:16 2015
 Response via : Initial Calibration

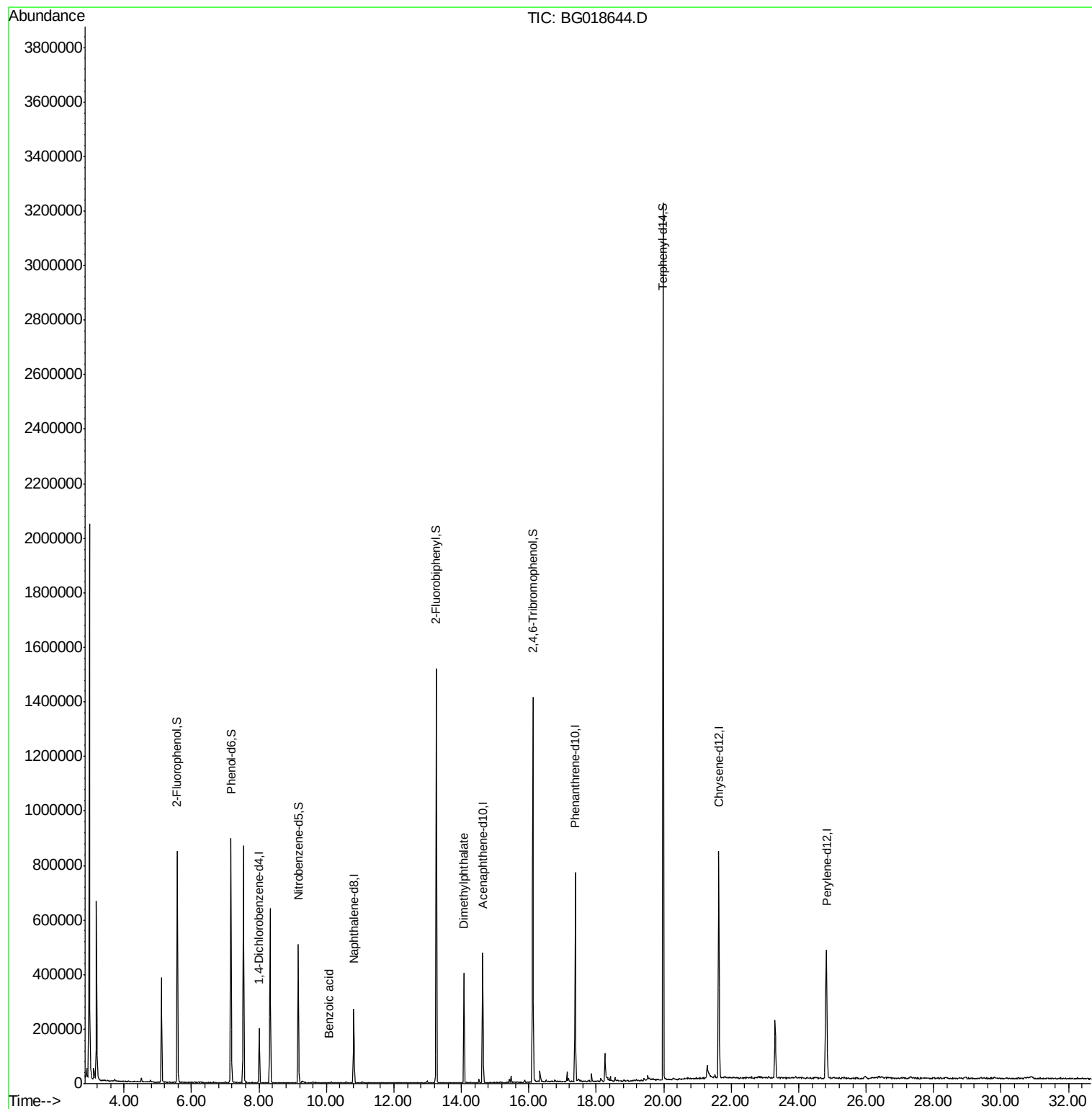
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	60507	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	242699	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	159601	20.00	ng	0.00
63) Phenanthrene-d10	17.37	188	459509	20.00	ng	0.00
75) Chrysene-d12	21.63	240	504204	20.00	ng	0.00
86) Perylene-d12	24.82	264	504590	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	406351	116.01	ng	0.00
7) Phenol-d6	7.17	99	577855	115.06	ng	0.00
23) Nitrobenzene-d5	9.17	82	324638	74.85	ng	0.00
41) 2,4,6-Tribromophenol	16.12	330	262633	122.21	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	799835	69.57	ng	0.00
78) Terphenyl-d14	19.98	244	1355631	70.60	ng	0.00
Target Compounds						
32) Benzoic acid	10.09	122	71	7.95	ng	Qvalue # 71
49) Dimethylphthalate	14.08	163	271162	20.52	ng	97

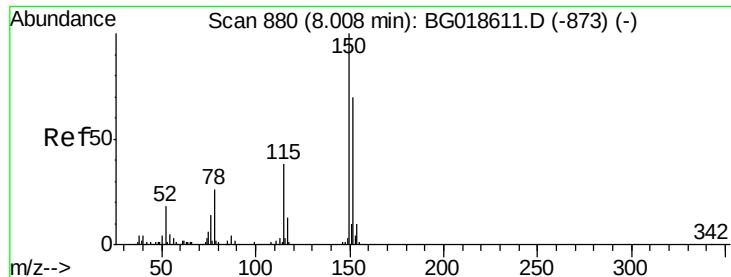
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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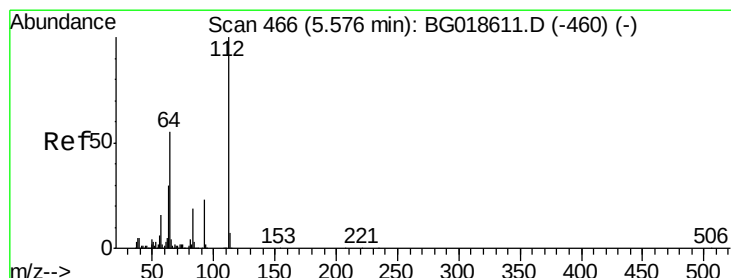
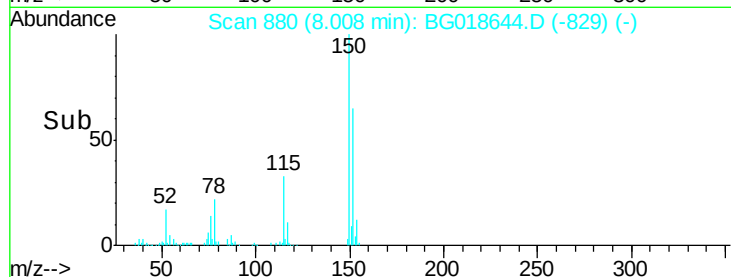
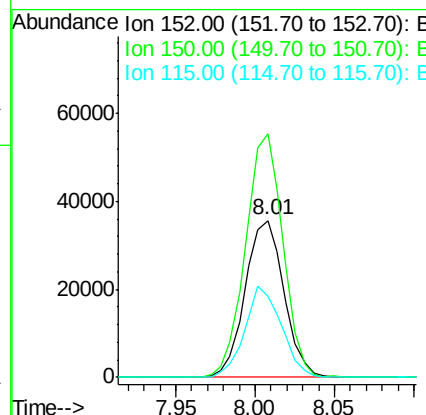
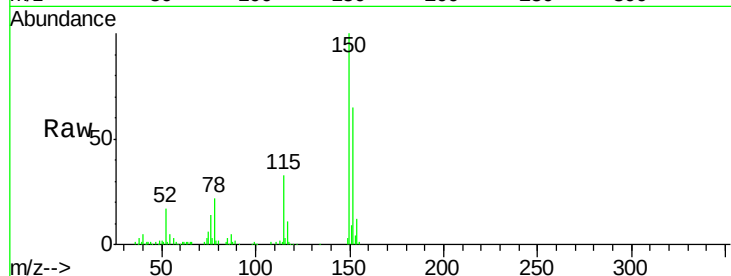


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.01 min Scan# 880
Delta R.T. -0.00 min
Lab File: BG018644.D
Acq: 11 Sep 2015 18:09

Instrument :
BNA_G
ClientSampleId :
B-22

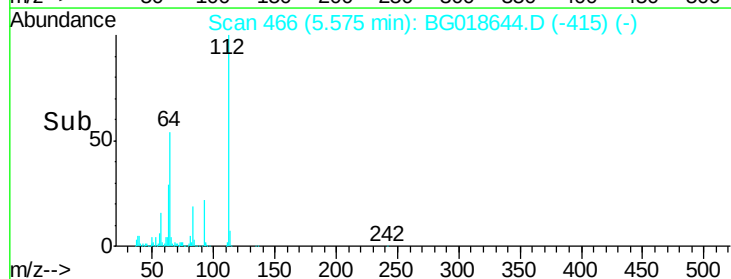
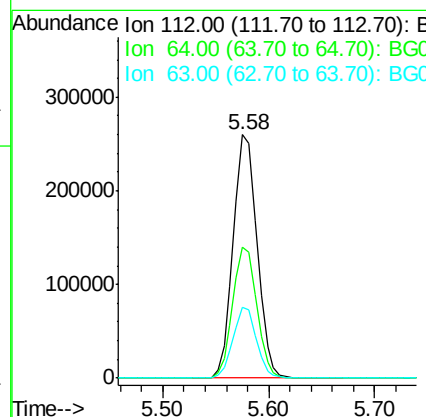
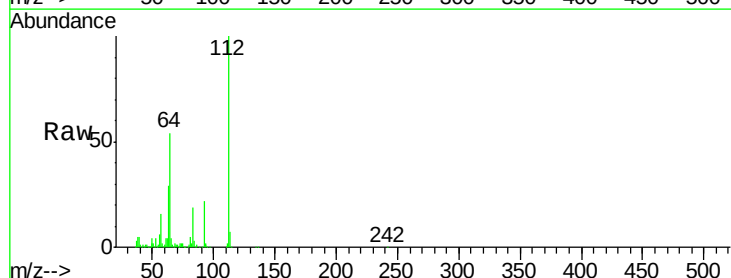
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	115.0	172.4
115	51.9	43.9	65.9

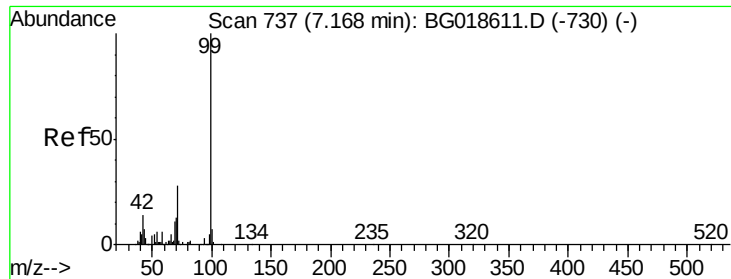


#5

2-Fluorophenol
Concen: 116.01 ng
RT: 5.58 min Scan# 466
Delta R.T. -0.00 min
Lab File: BG018644.D
Acq: 11 Sep 2015 18:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.6	43.7	65.5
63	29.3	24.0	36.0





#7

Phenol-d6

Concen: 115.06 ng

RT: 7.17 min Scan# 737

Delta R.T. 0.00 min

Lab File: BG018644.D

Acq: 11 Sep 2015 18:09

Instrument :

BNA_G

ClientSampleId :

B-22

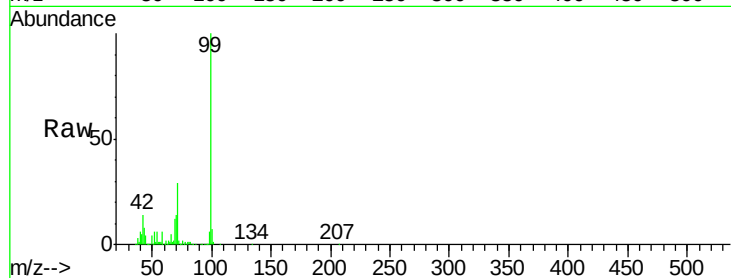
Tot Ion: 99 Resp: 577855

Ion Ratio Lower Upper

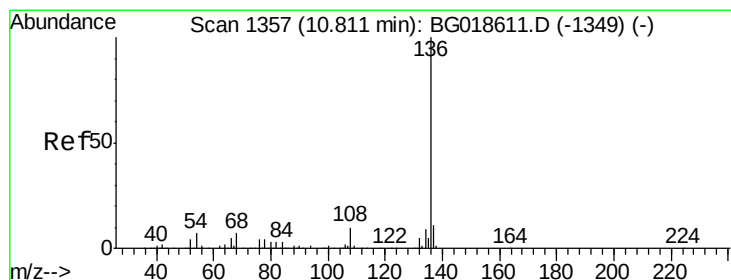
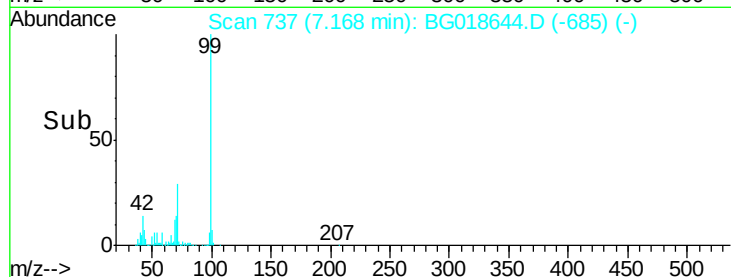
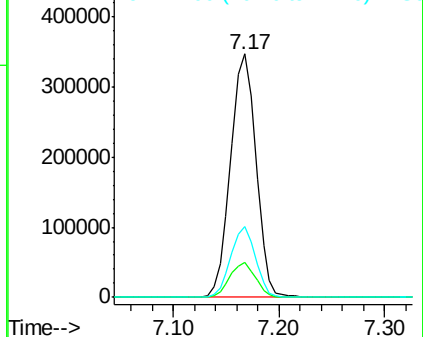
99 100

42 14.5 11.5 17.3

71 28.8 22.6 34.0



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.81 min Scan# 1357

Delta R.T. -0.00 min

Lab File: BG018644.D

Acq: 11 Sep 2015 18:09

Tgt Ion: 136 Resp: 242699

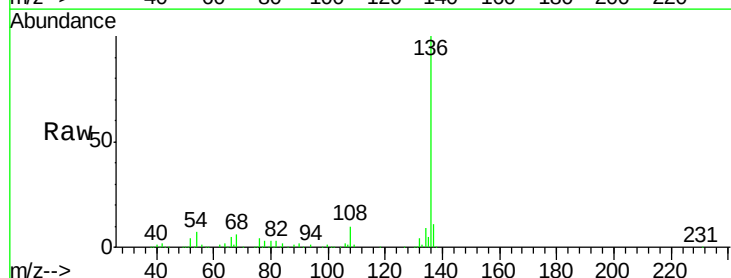
Ion Ratio Lower Upper

136 100

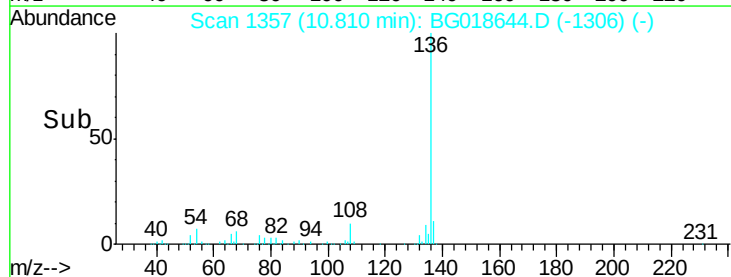
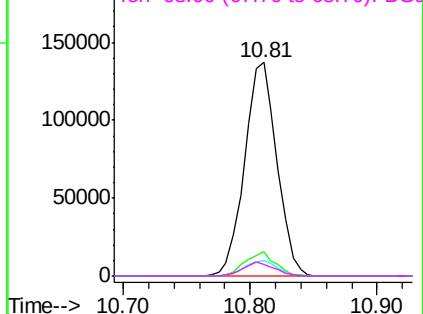
137 11.4 8.6 12.8

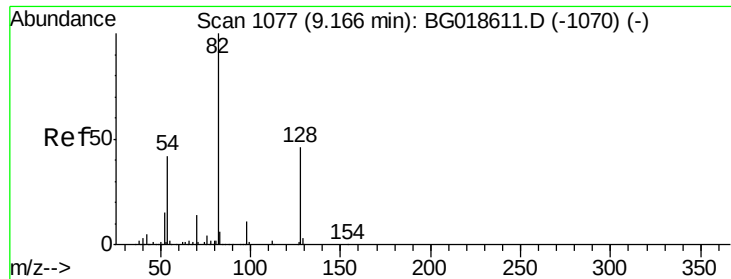
54 7.3 5.4 8.2

68 5.6 5.3 7.9



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

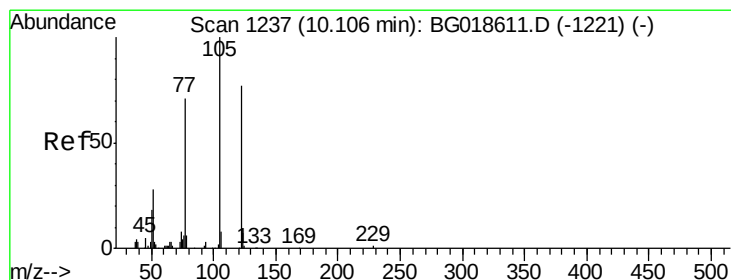
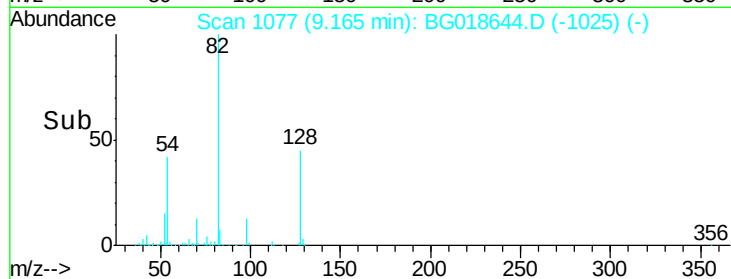
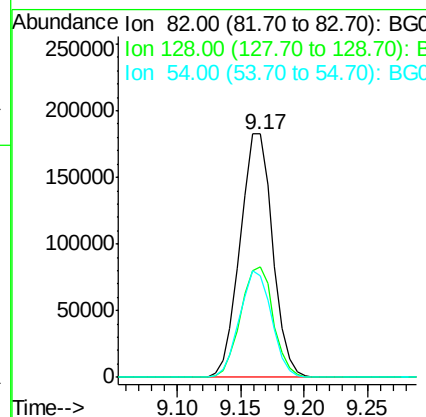
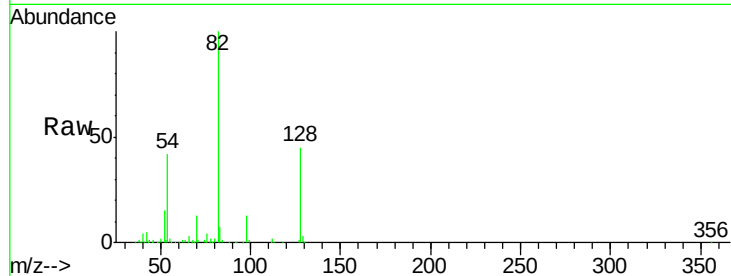




#23
 Nitrobenzene-d5
 Concen: 74.85 ng
 RT: 9.17 min Scan# 1077
 Delta R.T. 0.00 min
 Lab File: BG018644.D
 Acq: 11 Sep 2015 18:09

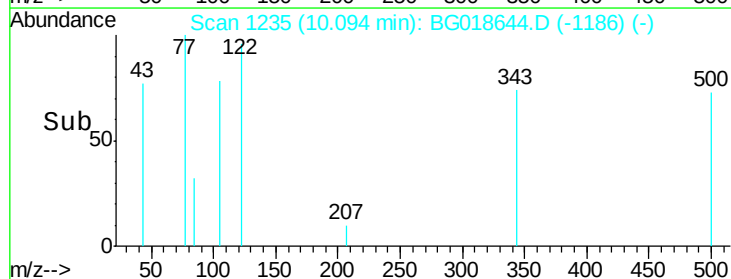
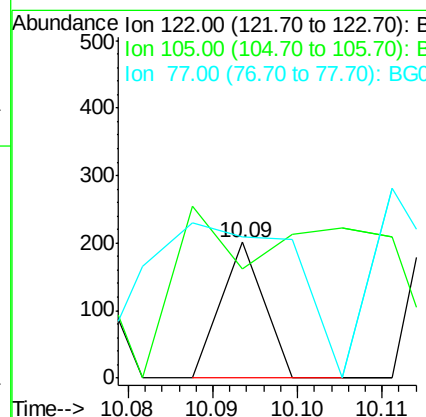
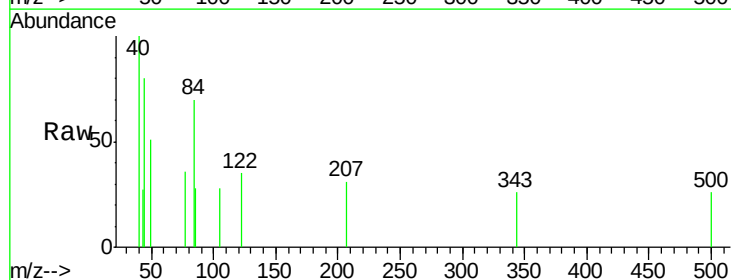
Instrument :
 BNA_G
 ClientSampleId :
 B-22

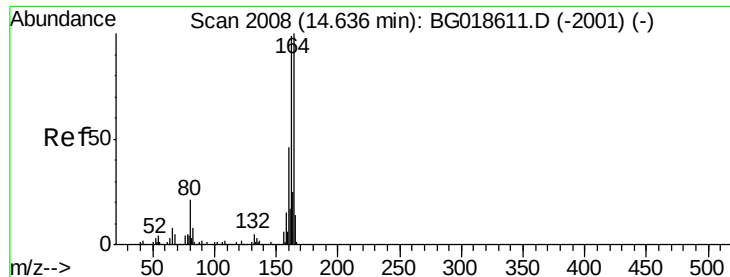
Tot Ion	82	Resp	324638
Ion Ratio	Lower	Upper	
82	100		
128	45.3	36.7	55.1
54	41.9	33.8	50.8



#32
 Benzoic acid
 Concen: 7.95 ng
 RT: 10.09 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: BG018644.D
 Acq: 11 Sep 2015 18:09

Tgt Ion	122	Resp	71
Ion Ratio <td>Lower</td> <td>Upper</td> <td></td>	Lower	Upper	
122	100		
105	80.6	103.8	143.8#
77	104.0	68.8	108.8





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.63 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BG018644.D

Acq: 11 Sep 2015 18:09

Instrument :

BNA_G

ClientSampled :

B-22

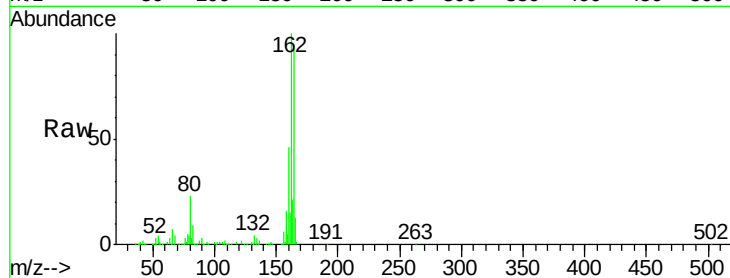
Tot Ion:164 Resp: 159601

Ion Ratio Lower Upper

164 100

162 108.9 78.8 118.2

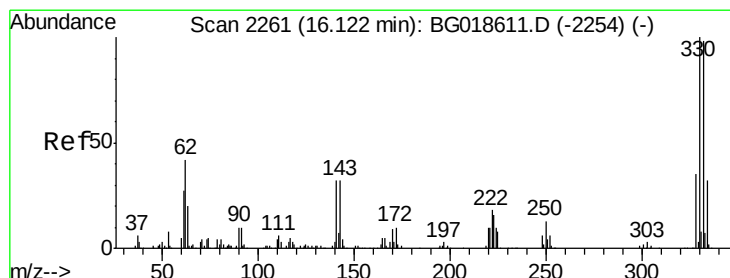
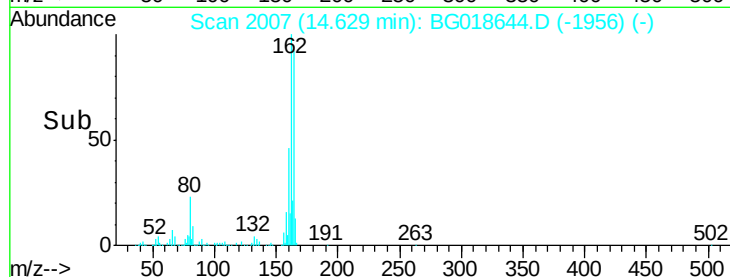
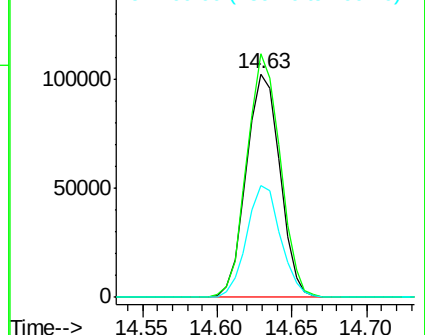
160 50.2 36.4 54.6



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: 122.21 ng

RT: 16.12 min Scan# 2260

Delta R.T. -0.00 min

Lab File: BG018644.D

Acq: 11 Sep 2015 18:09

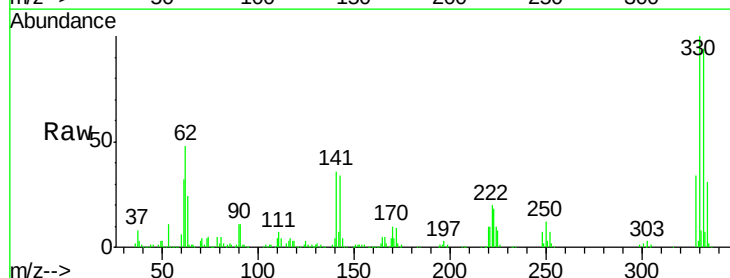
Tgt Ion:330 Resp: 262633

Ion Ratio Lower Upper

330 100

332 98.3 78.1 117.1

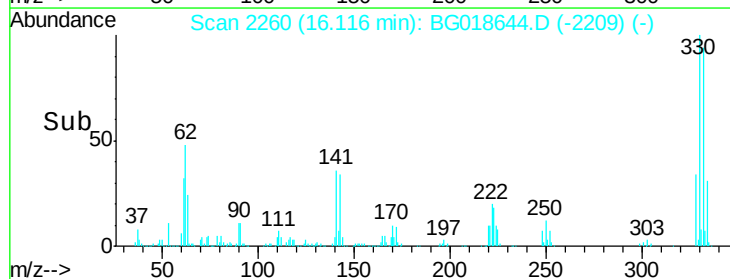
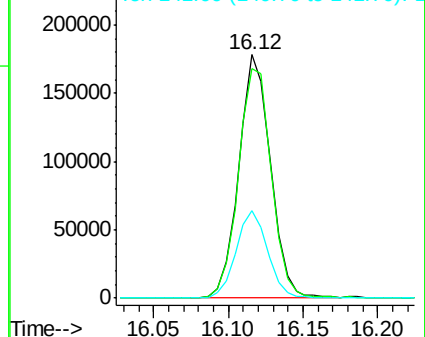
141 35.8 28.2 42.2

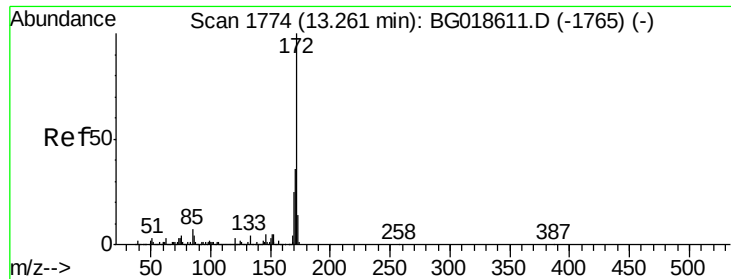


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

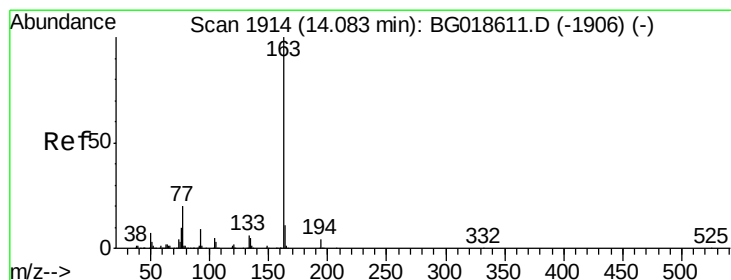
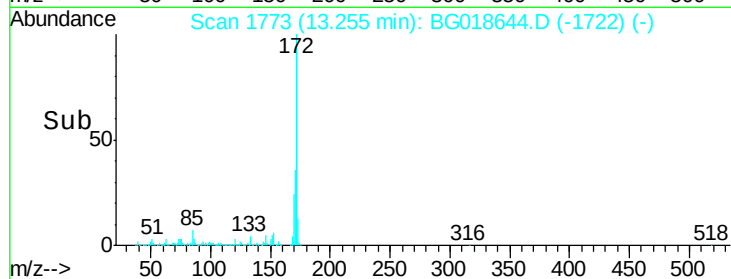
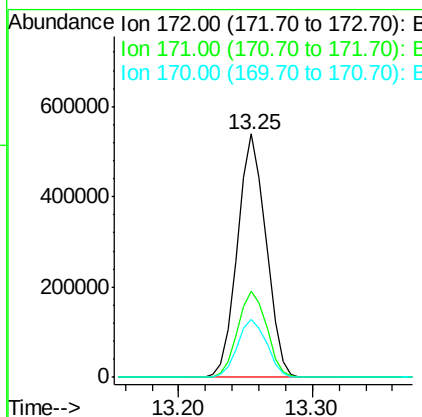
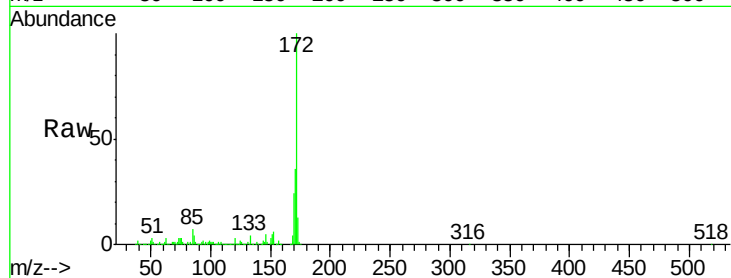




#44
2-Fluorobiphenyl
Concen: 69.57 ng
RT: 13.25 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BG018644.D
Acq: 11 Sep 2015 18:09

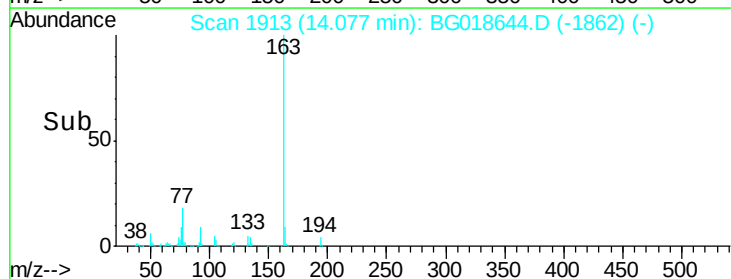
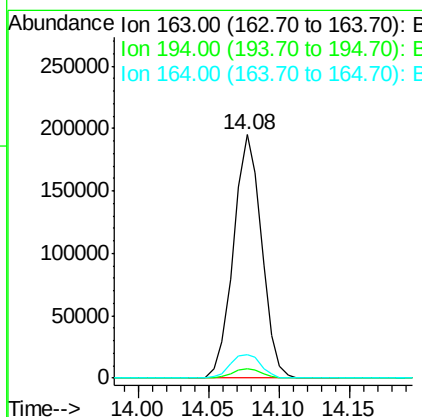
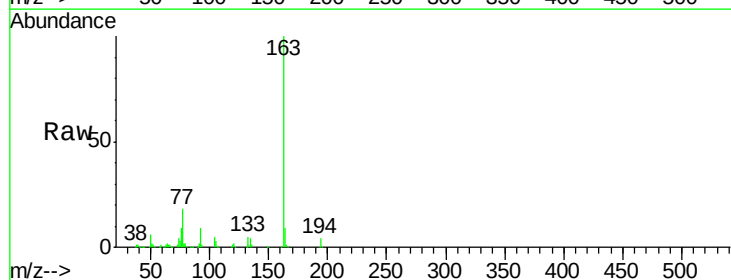
Instrument :
BNA_G
ClientSampleId :
B-22

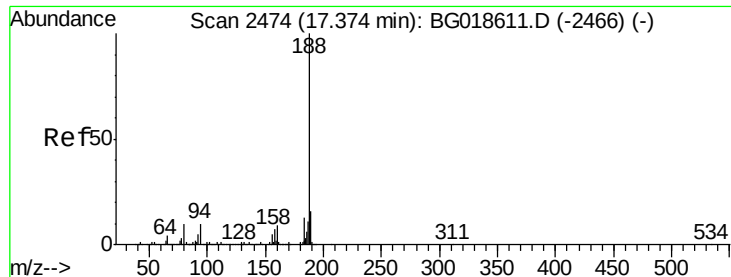
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.0	43.6
170	23.8	19.9	29.9



#49
Dimethylphthalate
Concen: 20.52 ng
RT: 14.08 min Scan# 1913
Delta R.T. -0.00 min
Lab File: BG018644.D
Acq: 11 Sep 2015 18:09

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	9.5	8.8	13.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.37 min Scan# 2474

Delta R.T. -0.00 min

Lab File: BG018644.D

Acq: 11 Sep 2015 18:09

Instrument :

BNA_G

ClientSampleId :

B-22

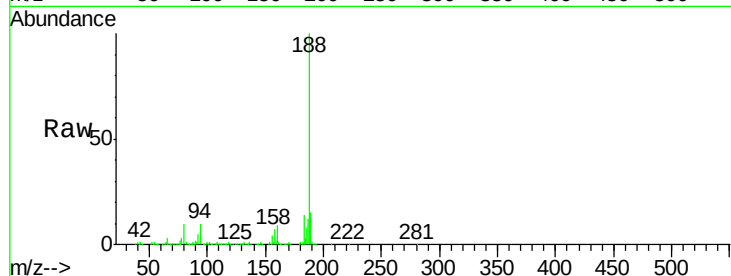
Tot Ion:188 Resp: 459509

Ion Ratio Lower Upper

188 100

94 9.9 7.7 11.5

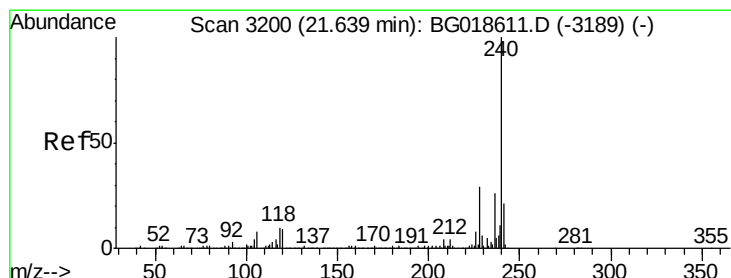
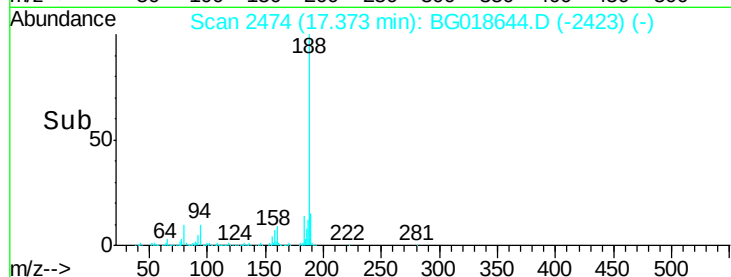
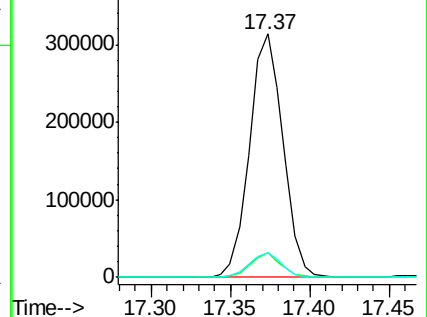
80 10.0 7.8 11.8



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: 21.63 min Scan# 3199

Delta R.T. -0.00 min

Lab File: BG018644.D

Acq: 11 Sep 2015 18:09

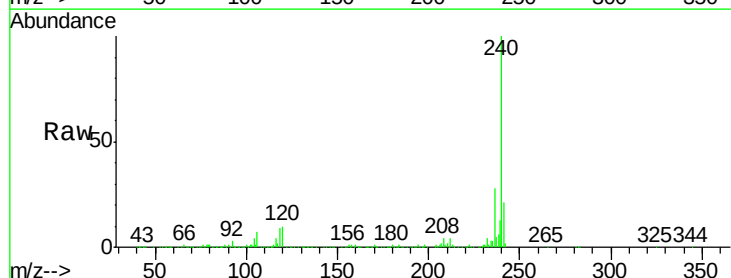
Tgt Ion:240 Resp: 504204

Ion Ratio Lower Upper

240 100

120 10.3 7.4 11.0

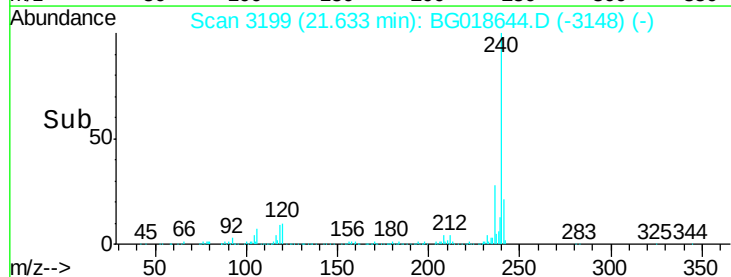
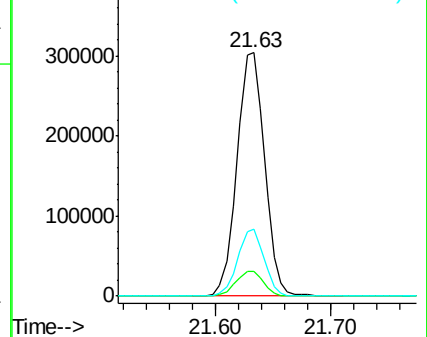
236 27.6 20.7 31.1

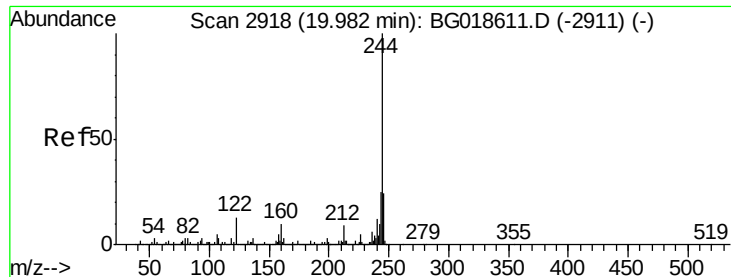


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 70.60 ng

RT: 19.98 min Scan# 2918

Delta R.T. -0.00 min

Lab File: BG018644.D

Acq: 11 Sep 2015 18:09

Instrument :

BNA_G

ClientSampled :

B-22

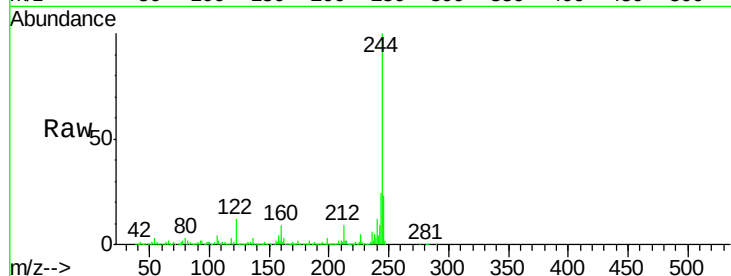
Tot Ion:244 Resp: 1355631

Ion Ratio Lower Upper

244 100

212 8.6 6.9 10.3

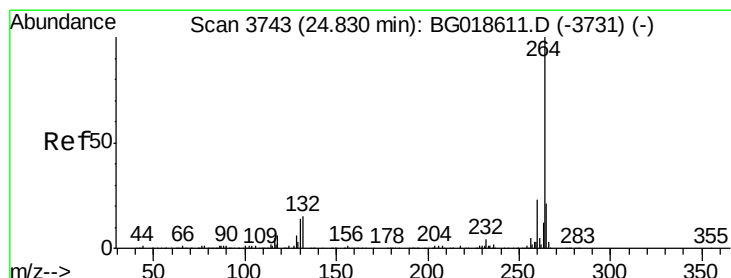
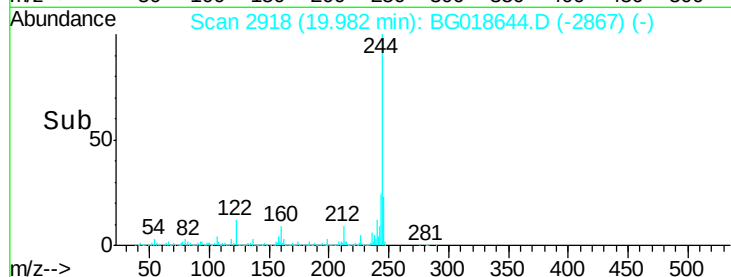
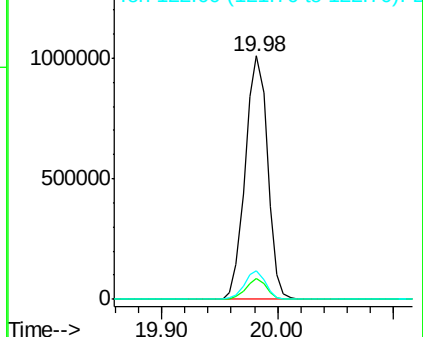
122 11.9 10.2 15.2



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: 24.82 min Scan# 3742

Delta R.T. -0.00 min

Lab File: BG018644.D

Acq: 11 Sep 2015 18:09

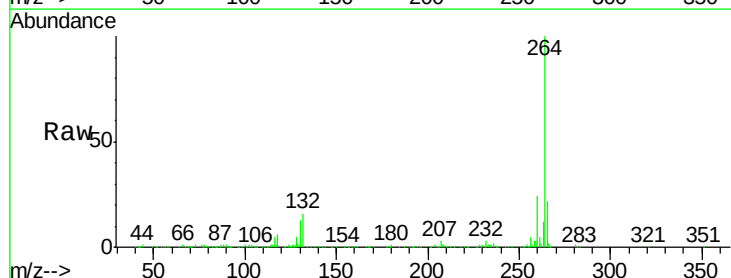
Tgt Ion:264 Resp: 504590

Ion Ratio Lower Upper

264 100

260 24.3 18.5 27.7

265 22.2 17.2 25.8



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

