

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120315\
 Data File : BG019900.D
 Acq On : 4 Dec 2015 10:15
 Operator : UM/NP
 Sample : G4609-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 04 11:55:39 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

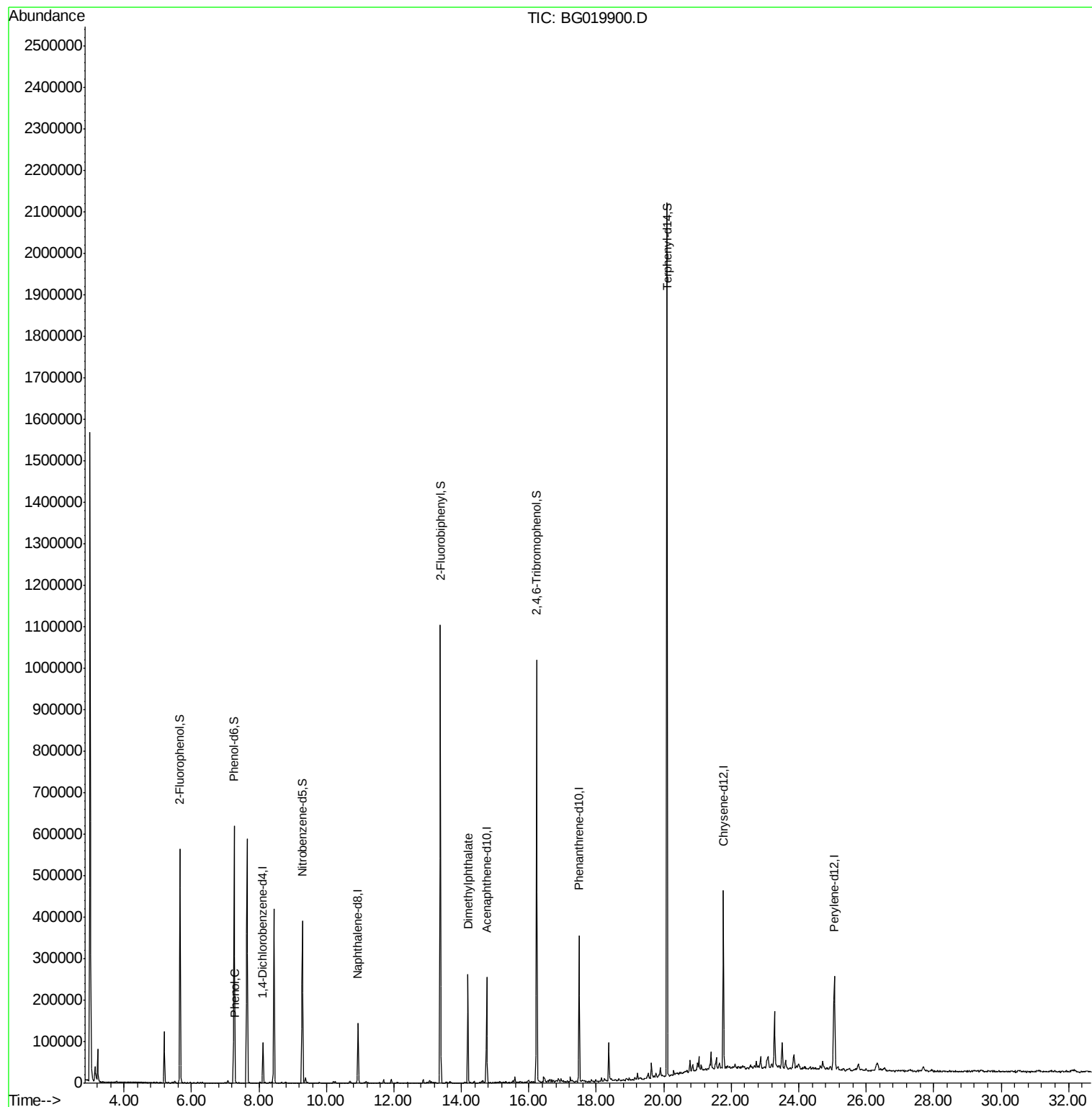
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	25428	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	114608	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	85697	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	214256	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	252291	20.00	ng	-0.03
86) Perylene-d12	25.05	264	244255	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	224446	159.53	ng	0.00
7) Phenol-d6	7.26	99	342032	161.01	ng	0.00
23) Nitrobenzene-d5	9.29	82	229139	102.04	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	174444	133.04	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	545898	86.98	ng	-0.02
78) Terphenyl-d14	20.10	244	915239	88.49	ng	-0.01
Target Compounds						
10) Phenol	7.29	94	5034	2.25	ng	80
49) Dimethylphthalate	14.20	163	167712	21.76	ng	98

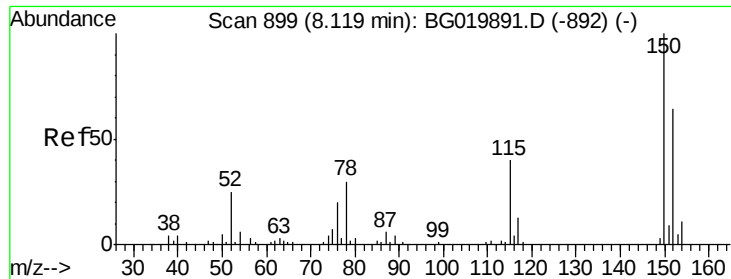
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 899

Delta R.T. -0.02 min

Lab File: BG019900.D

Acq: 4 Dec 2015 10:15

Instrument :

BNA_G

ClientSampleId :

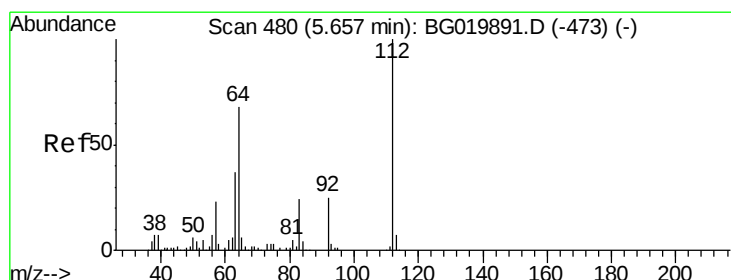
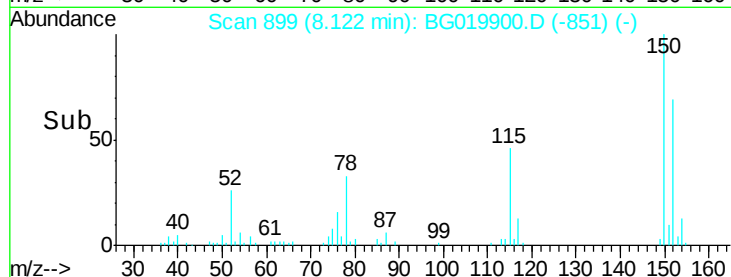
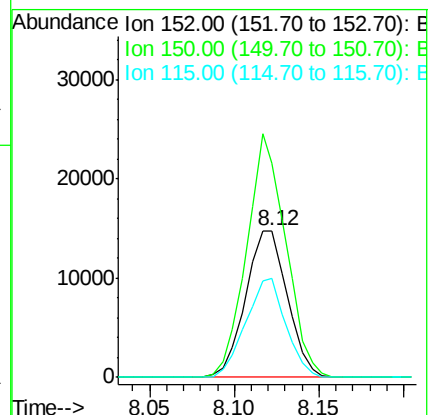
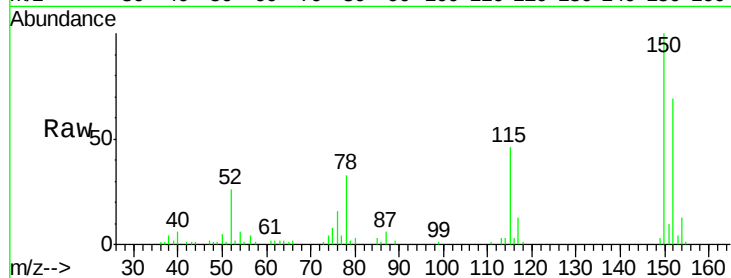
Tot Ion:152 Resp: 25428

Ion Ratio Lower Upper

152 100

150 145.8 115.0 172.4

115 67.0 43.9 65.9#



#5

2-Fluorophenol

Concen: 159.53 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG019900.D

Acq: 4 Dec 2015 10:15

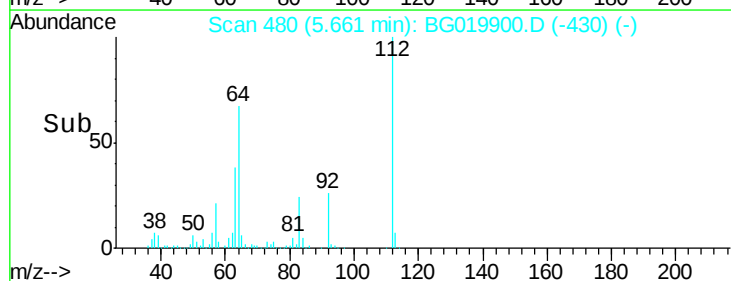
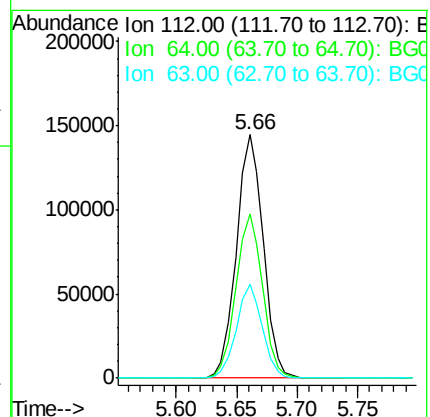
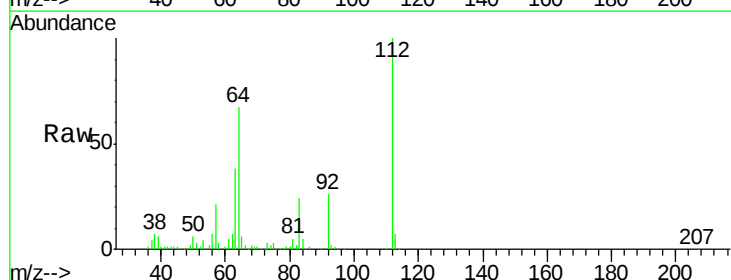
Tgt Ion:112 Resp: 224446

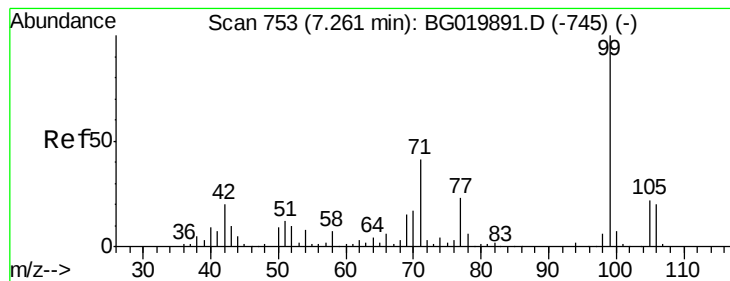
Ion Ratio Lower Upper

112 100

64 67.3 43.7 65.5#

63 38.4 24.0 36.0#





#7

Phenol-d6

Concen: 161.01 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG019900.D

Acq: 4 Dec 2015 10:15

Instrument :

BNA_G

ClientSampleId :

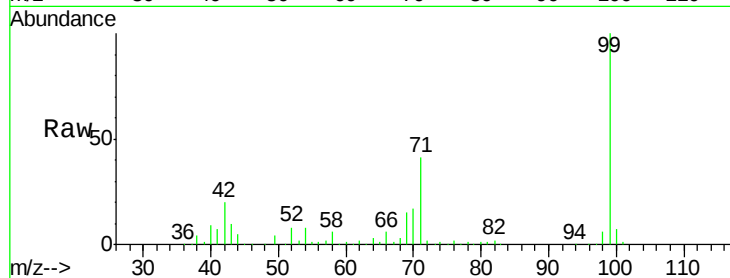
Tot Ion: 99 Resp: 342032

Ion Ratio Lower Upper

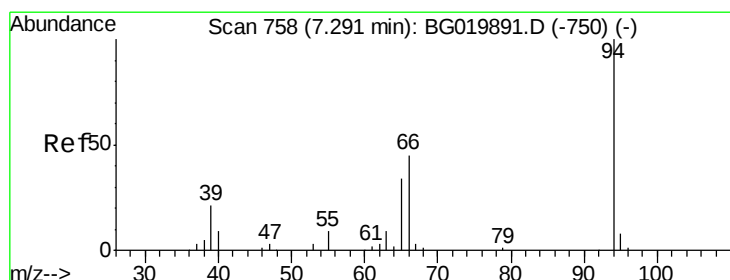
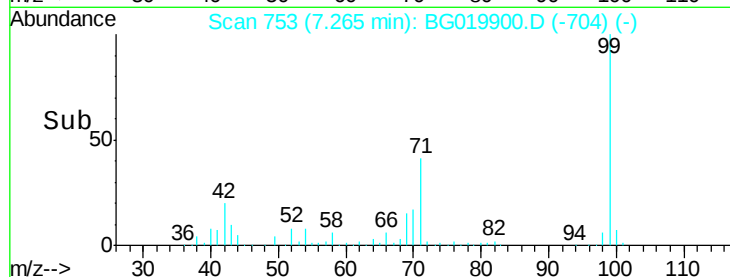
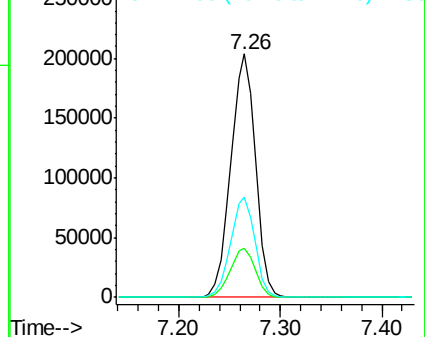
99 100

42 20.2 11.5 17.3#

71 41.4 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



#10

Phenol

Concen: 2.25 ng

RT: 7.29 min Scan# 758

Delta R.T. -0.00 min

Lab File: BG019900.D

Acq: 4 Dec 2015 10:15

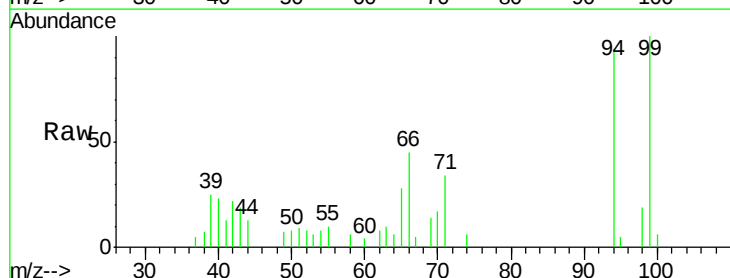
Tgt Ion: 94 Resp: 5034

Ion Ratio Lower Upper

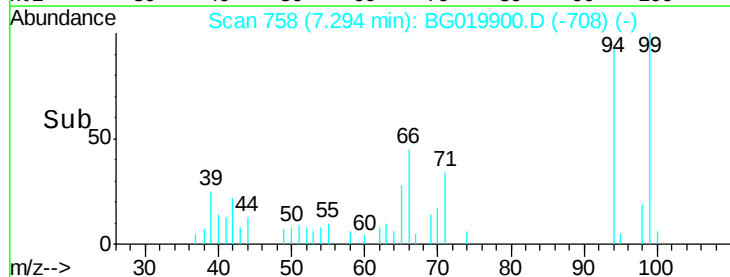
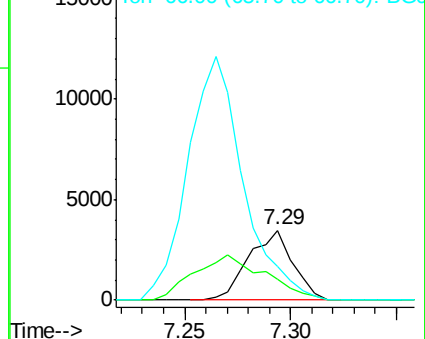
94 100

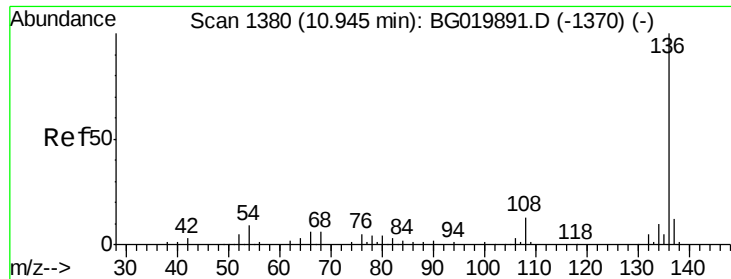
65 29.6 5.4 45.4

66 48.1 11.8 51.8



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

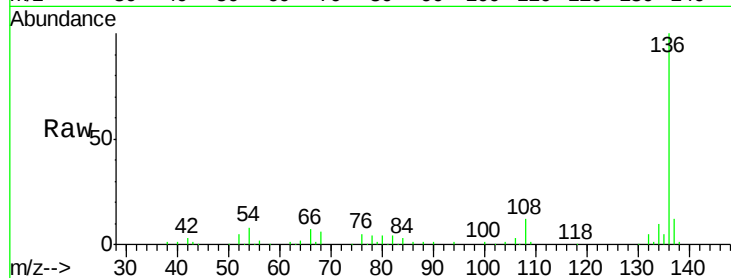




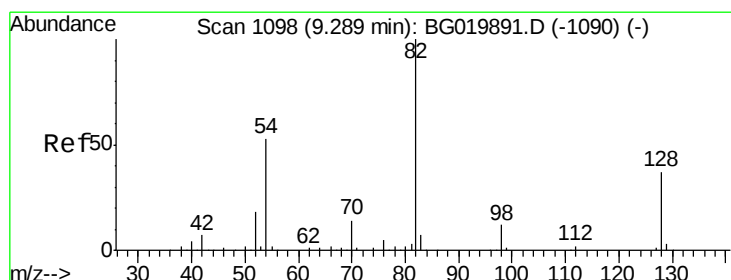
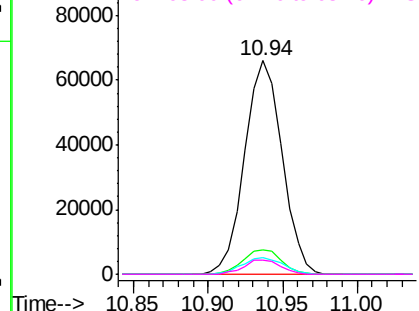
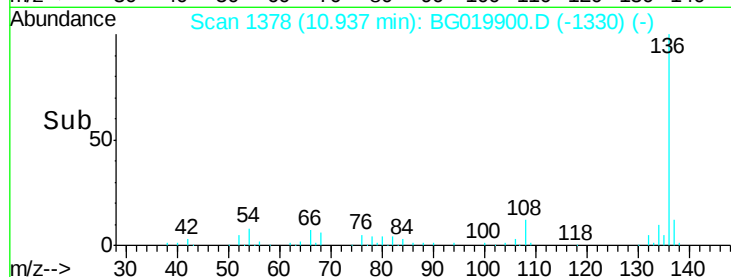
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.94 min Scan# 1378
Delta R.T. -0.02 min
Lab File: BG019900.D
Acq: 4 Dec 2015 10:15

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	114608
Ion Ratio	Lower	Upper
136	100	
137	11.6	8.6 12.8
54	8.0	5.4 8.2
68	6.4	5.3 7.9

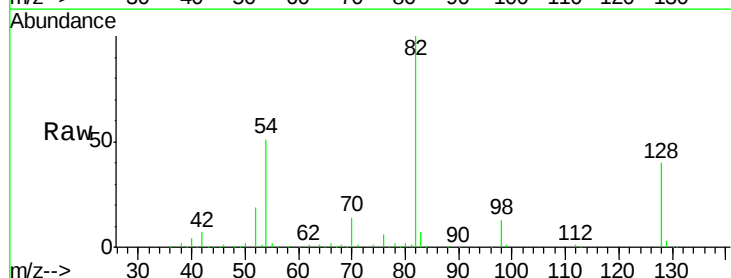


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

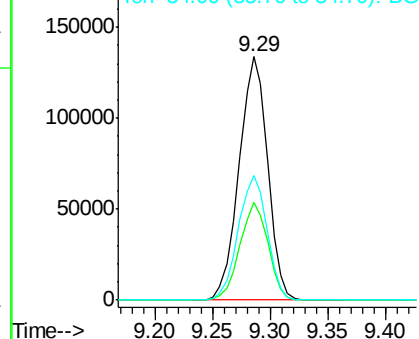
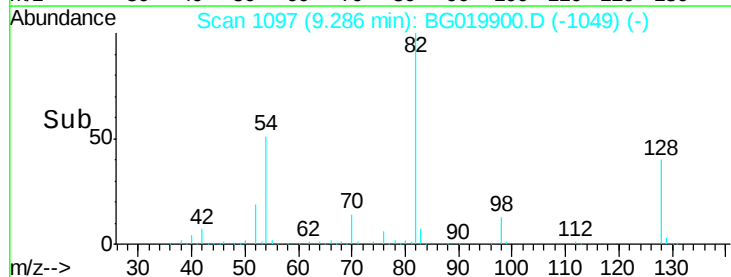


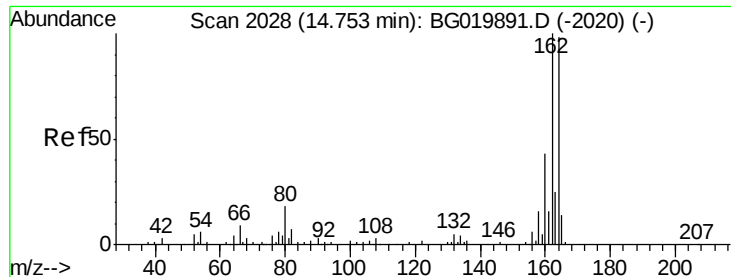
#23
Nitrobenzene-d5
Concen: 102.04 ng
RT: 9.29 min Scan# 1097
Delta R.T. -0.02 min
Lab File: BG019900.D
Acq: 4 Dec 2015 10:15

Tgt Ion: 82	Resp:	229139
Ion Ratio	Lower	Upper
82	100	
128	39.9	36.7 55.1
54	51.0	33.8 50.8#



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

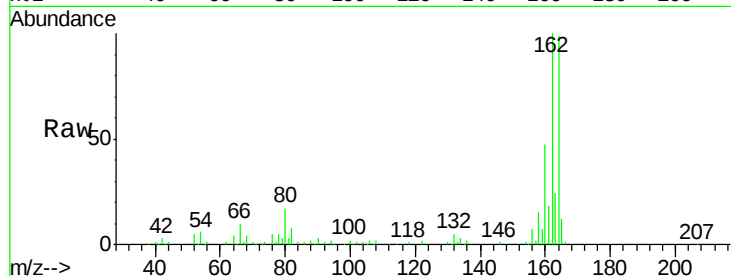




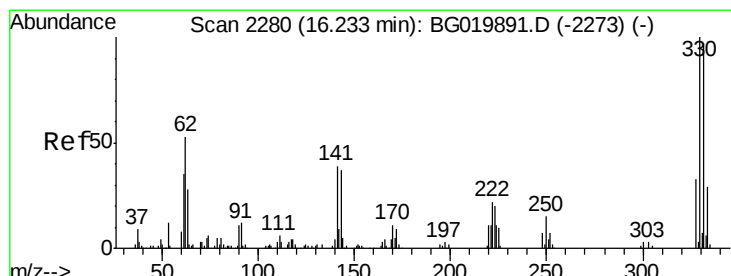
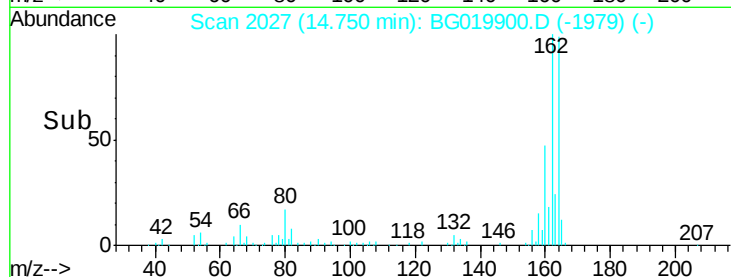
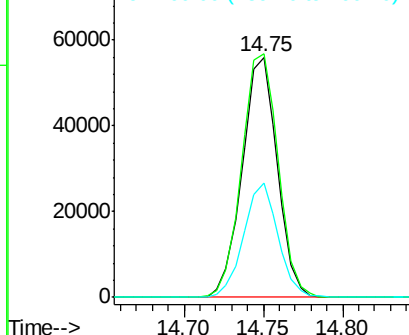
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 2027
Delta R.T. -0.02 min
Lab File: BG019900.D
Acq: 4 Dec 2015 10:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 85697
Ion Ratio Lower Upper
164 100
162 101.5 78.8 118.2
160 47.4 36.4 54.6

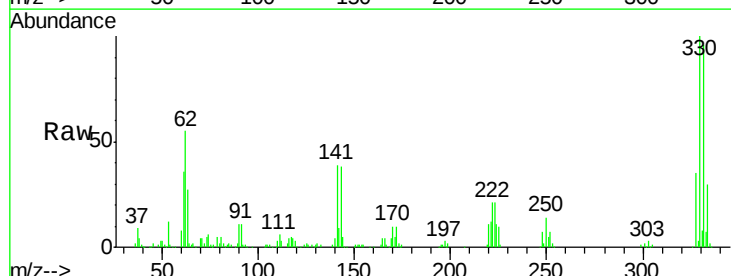


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

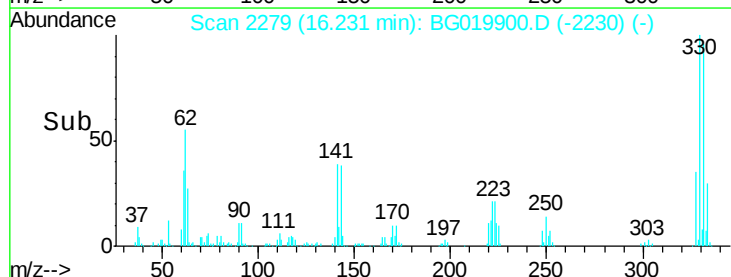
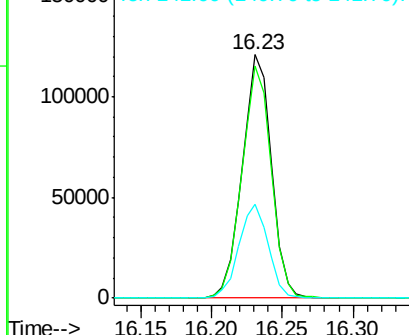


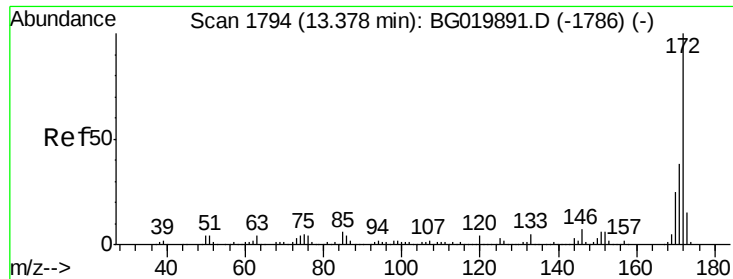
#41
2,4,6-Tribromophenol
Concen: 133.04 ng
RT: 16.23 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BG019900.D
Acq: 4 Dec 2015 10:15

Tgt Ion:330 Resp: 174444
Ion Ratio Lower Upper
330 100
332 96.3 78.1 117.1
141 38.9 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

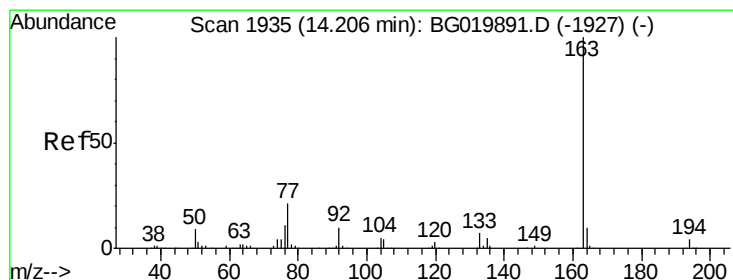
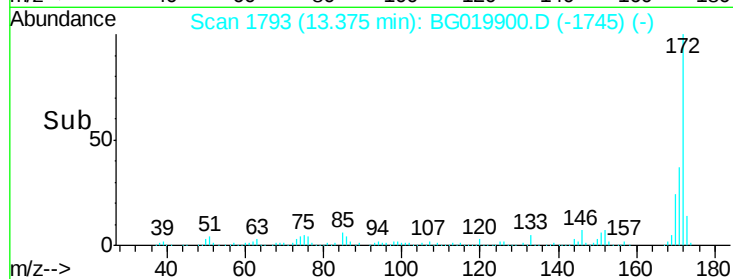
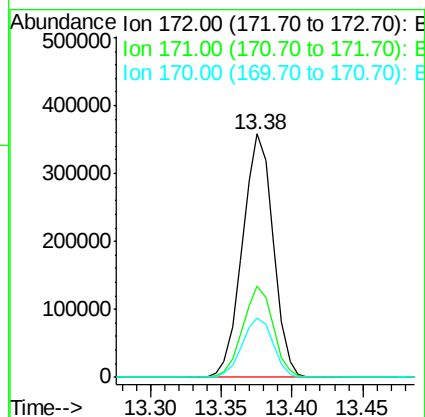
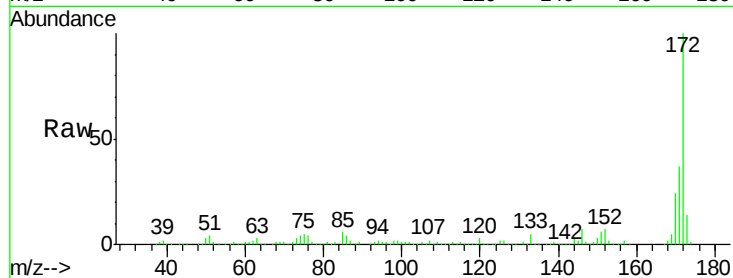




#44
2-Fluorobiphenyl
Concen: 86.98 ng
RT: 13.38 min Scan# 1793
Delta R.T. -0.02 min
Lab File: BG019900.D
Acq: 4 Dec 2015 10:15

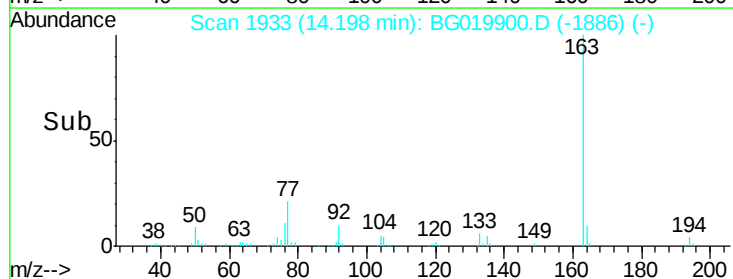
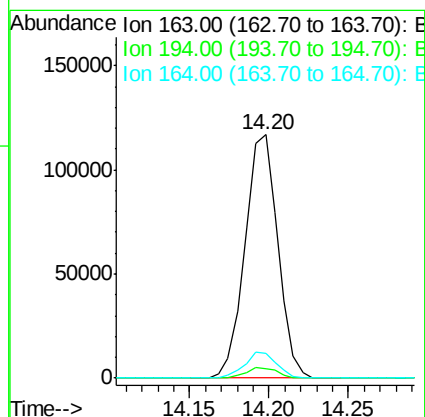
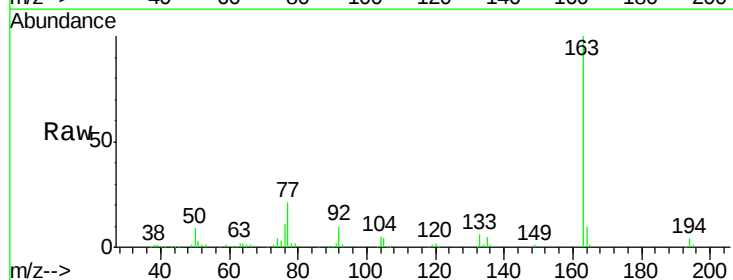
Instrument :
BNA_G
ClientSampleId :

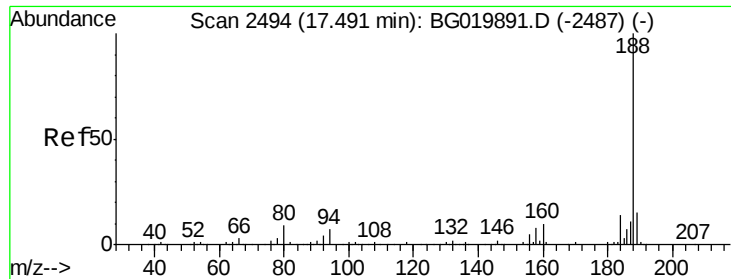
Tot Ion:172 Resp: 545898
Ion Ratio Lower Upper
172 100
171 37.4 29.0 43.6
170 24.2 19.9 29.9



#49
Dimethylphthalate
Concen: 21.76 ng
RT: 14.20 min Scan# 1933
Delta R.T. -0.02 min
Lab File: BG019900.D
Acq: 4 Dec 2015 10:15

Tgt Ion:163 Resp: 167712
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.2 8.8 13.2

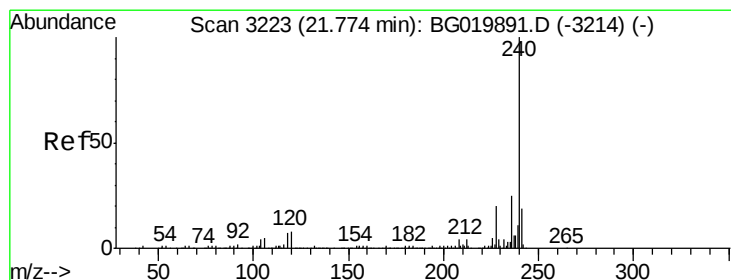
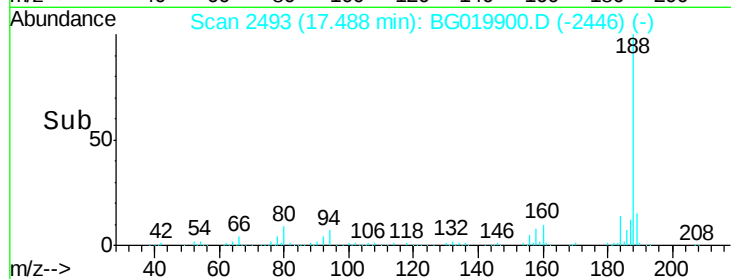
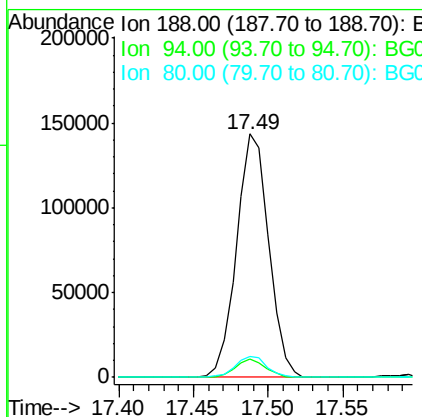
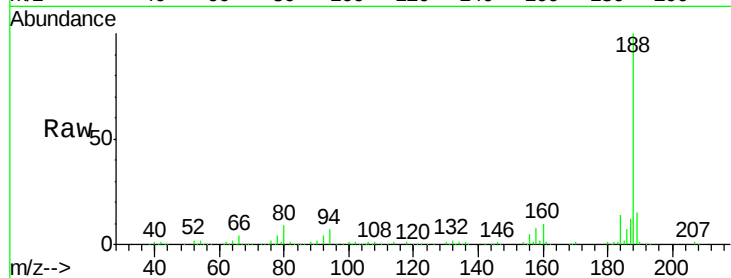




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2493
Delta R.T. -0.02 min
Lab File: BG019900.D
Acq: 4 Dec 2015 10:15

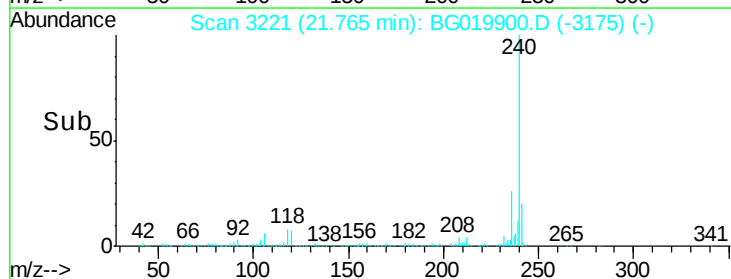
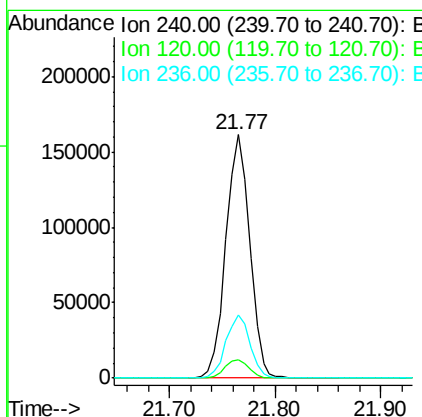
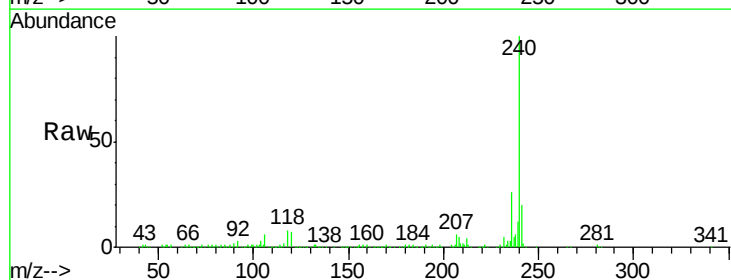
Instrument :
BNA_G
ClientSampleId :

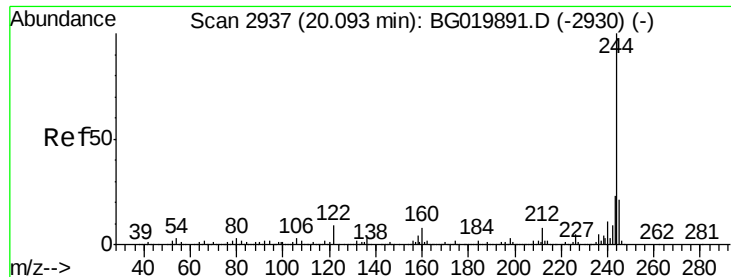
Tot Ion:188 Resp: 214256
Ion Ratio Lower Upper
188 100
94 7.4 7.7 11.5#
80 8.7 7.8 11.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.77 min Scan# 3221
Delta R.T. -0.03 min
Lab File: BG019900.D
Acq: 4 Dec 2015 10:15

Tgt Ion:240 Resp: 252291
Ion Ratio Lower Upper
240 100
120 7.4 7.4 11.0
236 26.0 20.7 31.1





#78

Terphenyl-d14

Concen: 88.49 ng

RT: 20.10 min Scan# 2937

Delta R.T. -0.01 min

Lab File: BG019900.D

Acq: 4 Dec 2015 10:15

Instrument :

BNA_G

ClientSampleId :

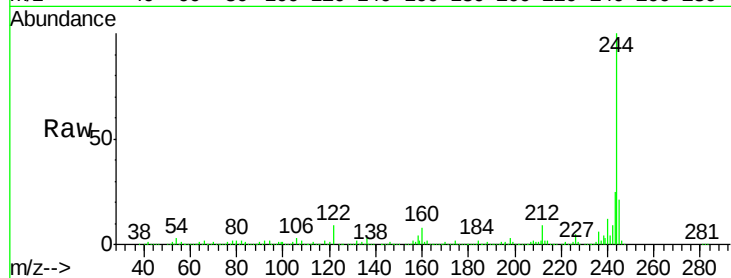
Tot Ion:244 Resp: 915239

Ion Ratio Lower Upper

244 100

212 8.7 6.9 10.3

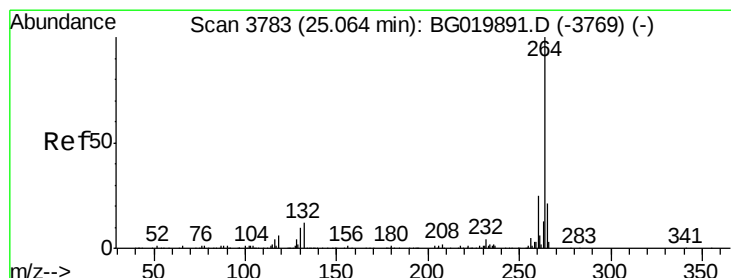
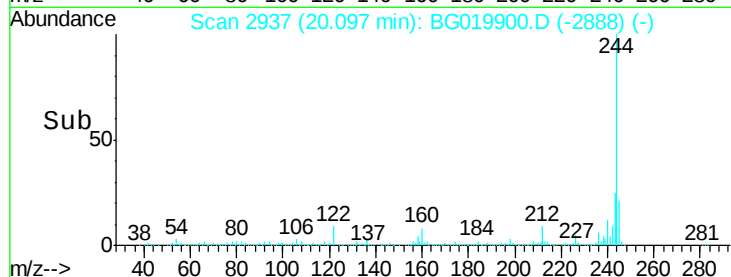
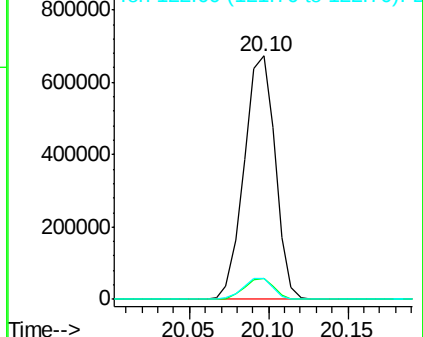
122 8.6 10.2 15.2#



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: 25.05 min Scan# 3780

Delta R.T. -0.04 min

Lab File: BG019900.D

Acq: 4 Dec 2015 10:15

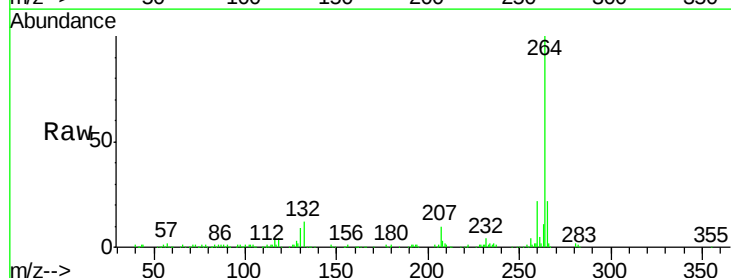
Tgt Ion:264 Resp: 244255

Ion Ratio Lower Upper

264 100

260 22.4 18.5 27.7

265 21.5 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

