

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091715\
 Data File : BG018722.D
 Acq On : 17 Sep 2015 1:21
 Operator : TP
 Sample : G3651-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CPS073031

Quant Time: Sep 17 05:10:43 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

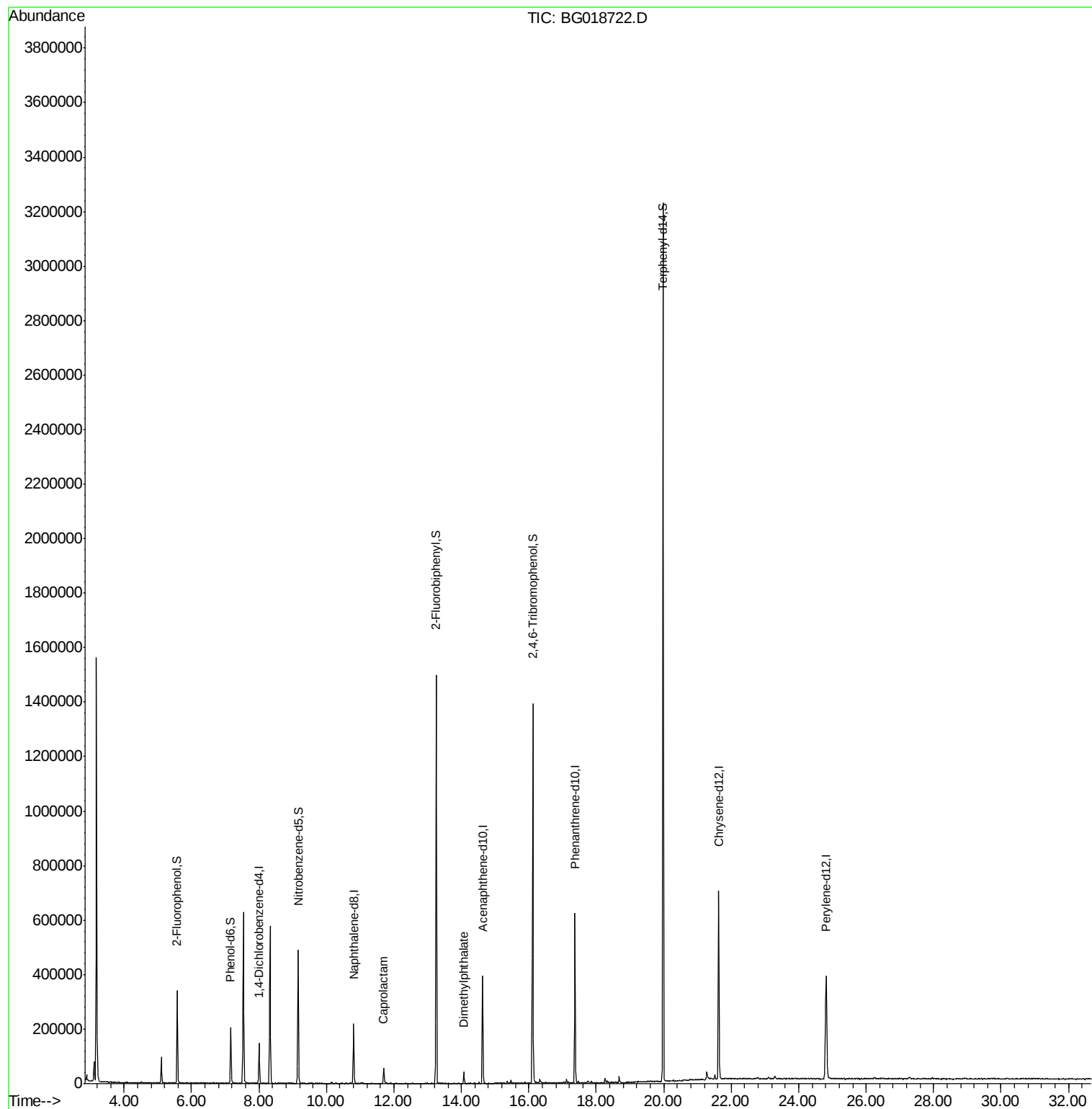
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	44532	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	190435	20.00	ng	0.00
38) Acenaphthene-d10	14.62	164	138312	20.00	ng	0.00
63) Phenanthrene-d10	17.37	188	382725	20.00	ng	0.00
75) Chrysene-d12	21.63	240	410956	20.00	ng	0.00
86) Perylene-d12	24.81	264	410162	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	163140	63.28	ng	0.00
7) Phenol-d6	7.16	99	137582	37.22	ng	0.00
23) Nitrobenzene-d5	9.16	82	306503	90.06	ng	0.00
41) 2,4,6-Tribromophenol	16.12	330	283316	152.13	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	852050	85.52	ng	0.00
78) Terphenyl-d14	19.98	244	1415332	90.44	ng	0.00
Target Compounds						
35) Caprolactam	11.69	113	13611	10.23	ng	93
49) Dimethylphthalate	14.07	163	29695	2.59	ng	96

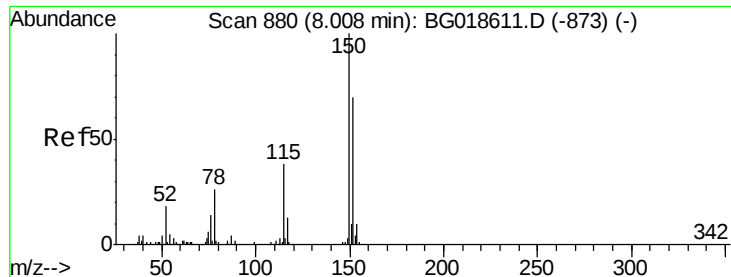
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.00 min Scan# 879

Delta R.T. -0.01 min

Lab File: BG018722.D

Acq: 17 Sep 2015 1:21

Instrument :

BNA_G

ClientSampleId :

CPS073031

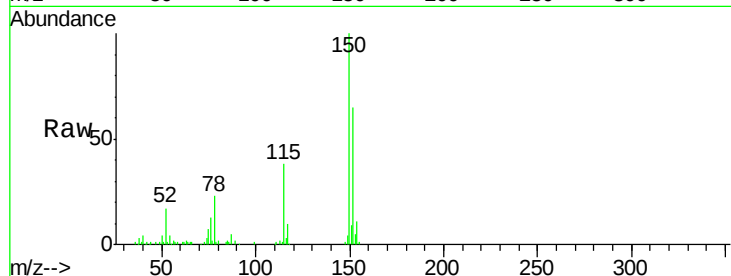
Tgt Ion:152 Resp: 44532

Ion Ratio Lower Upper

152 100

150 154.2 115.0 172.4

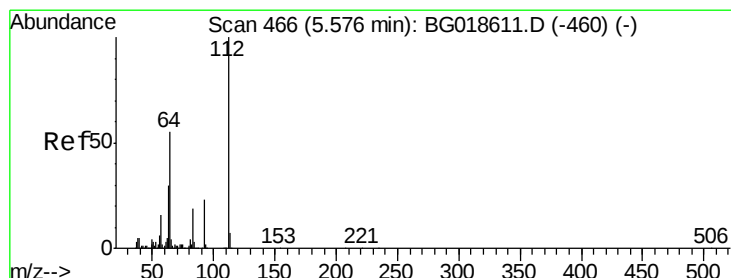
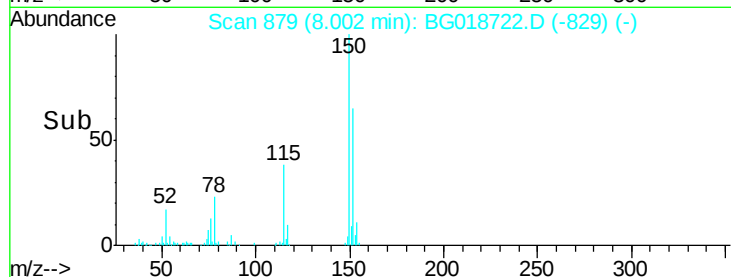
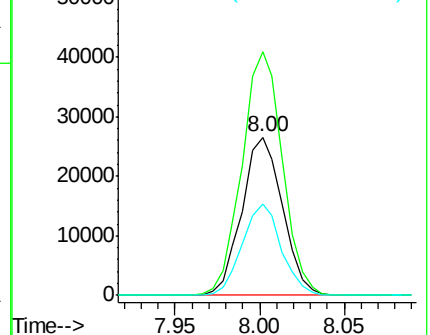
115 57.9 43.9 65.9



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: 63.28 ng

RT: 5.58 min Scan# 466

Delta R.T. -0.00 min

Lab File: BG018722.D

Acq: 17 Sep 2015 1:21

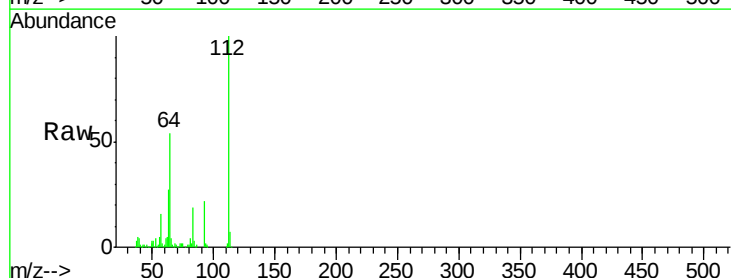
Tgt Ion:112 Resp: 163140

Ion Ratio Lower Upper

112 100

64 53.5 43.7 65.5

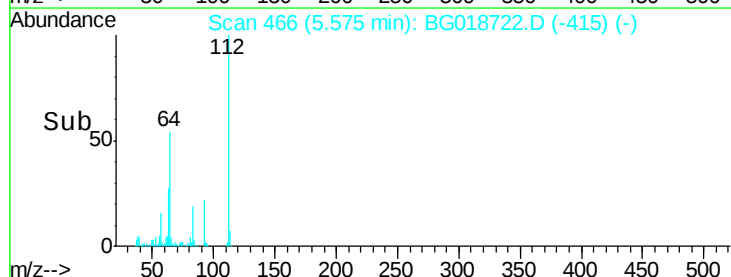
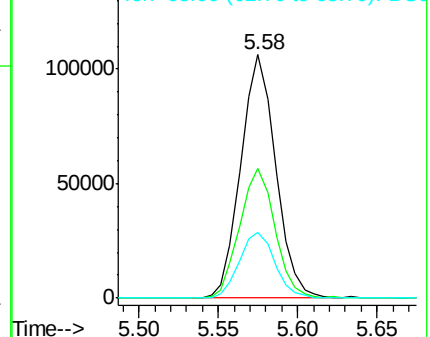
63 27.0 24.0 36.0

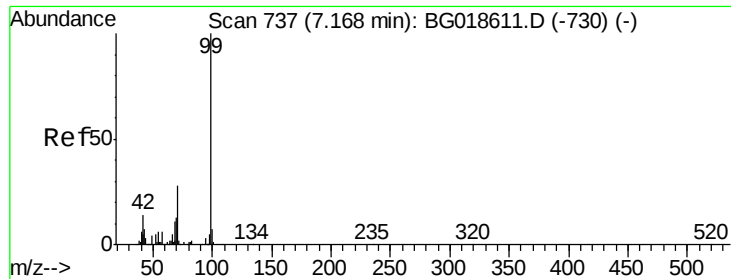


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 37.22 ng

RT: 7.16 min Scan# 736

Delta R.T. -0.00 min

Lab File: BG018722.D

Acq: 17 Sep 2015 1:21

Instrument :

BNA_G

ClientSampleId :

CPS073031

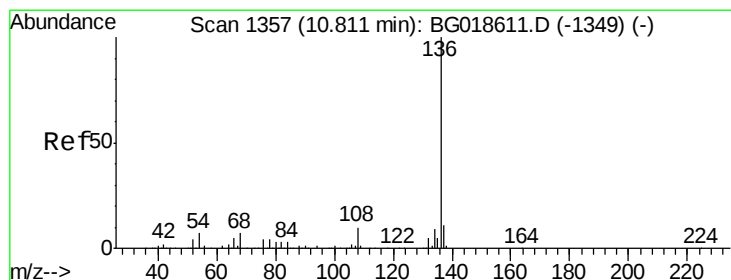
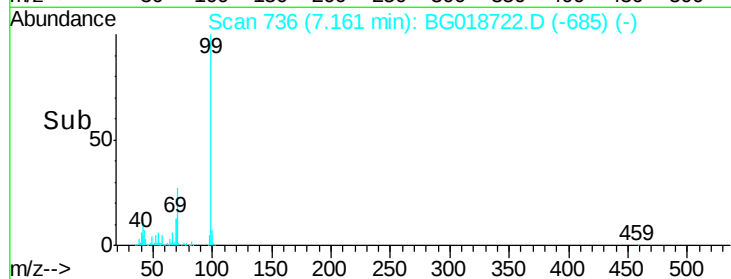
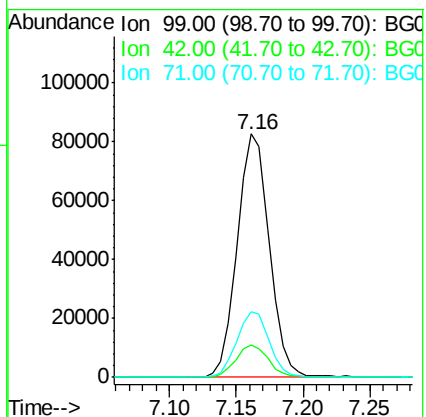
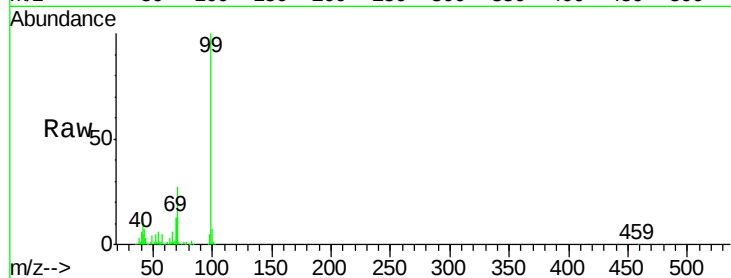
Tgt Ion: 99 Resp: 137582

Ion Ratio Lower Upper

99 100

42 13.1 11.5 17.3

71 26.9 22.6 34.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.80 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BG018722.D

Acq: 17 Sep 2015 1:21

Tgt Ion: 136 Resp: 190435

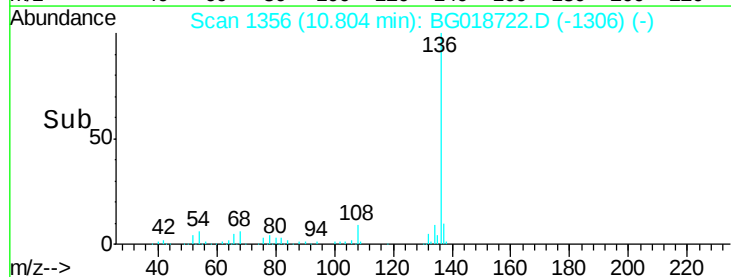
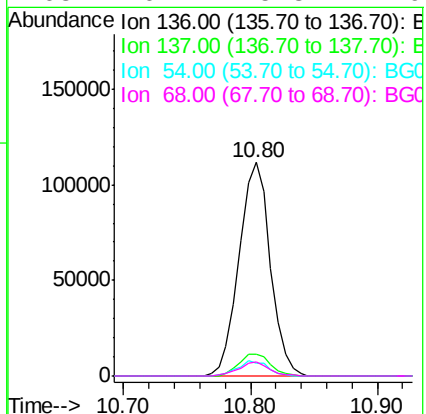
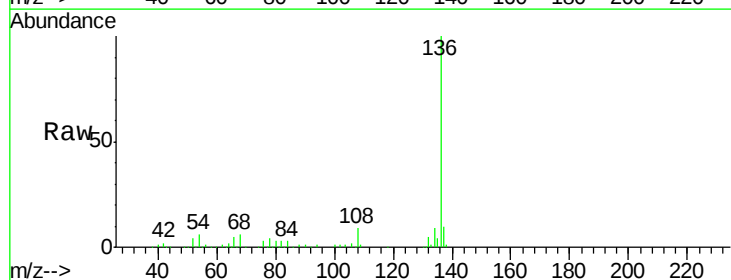
Ion Ratio Lower Upper

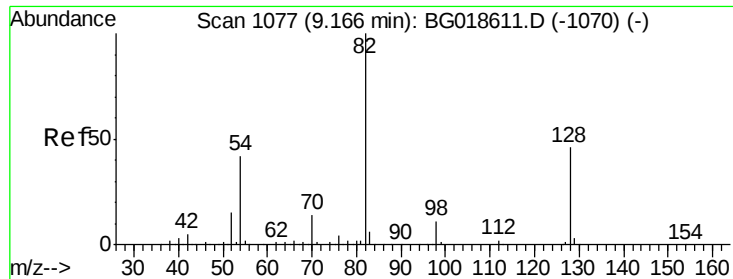
136 100

137 10.1 8.6 12.8

54 6.2 5.4 8.2

68 6.4 5.3 7.9

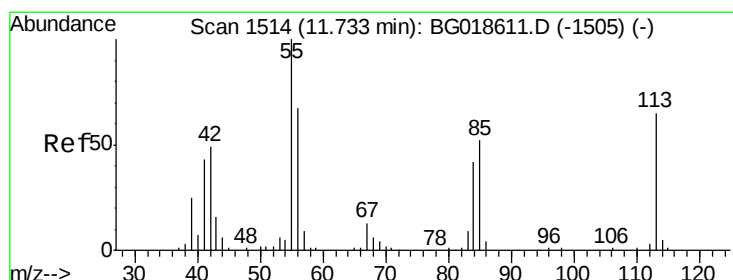
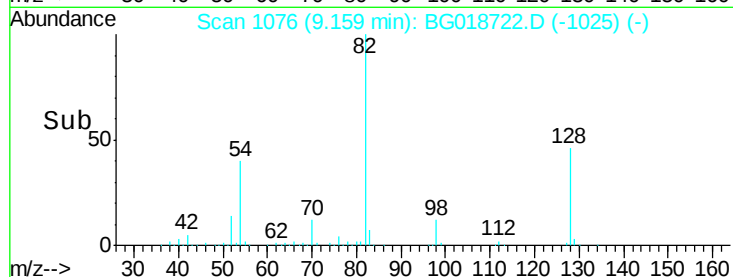
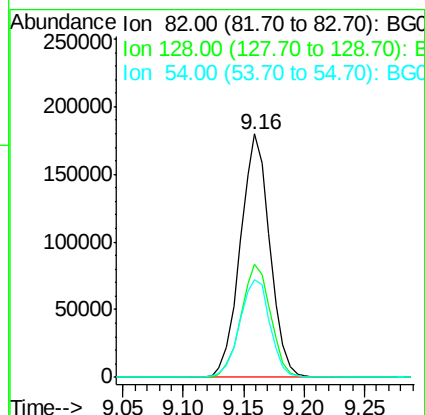
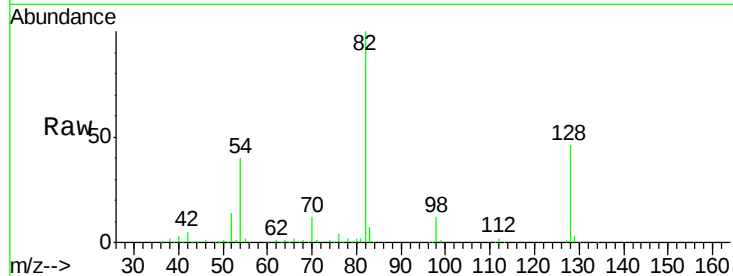




#23
Nitrobenzene-d5
Concen: 90.06 ng
RT: 9.16 min Scan# 1076
Delta R.T. -0.00 min
Lab File: BG018722.D
Acq: 17 Sep 2015 1:21

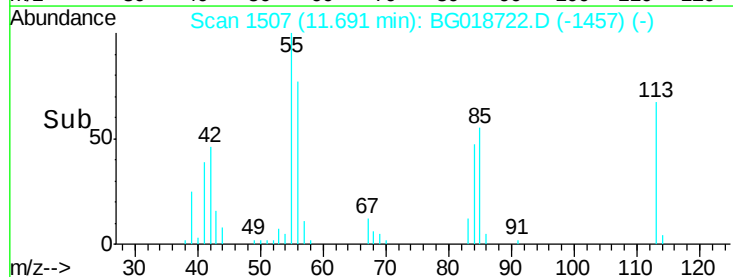
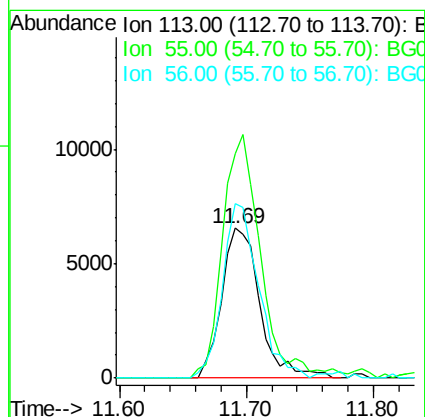
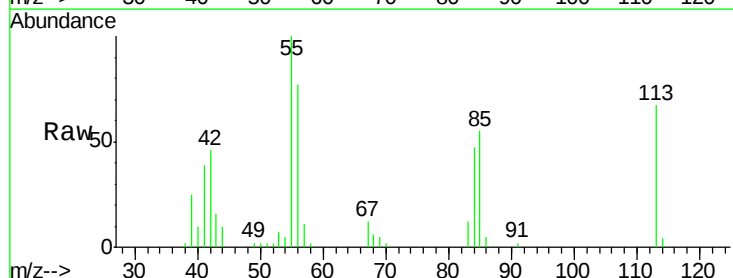
Instrument :
BNA_G
ClientSampleId :
CPS073031

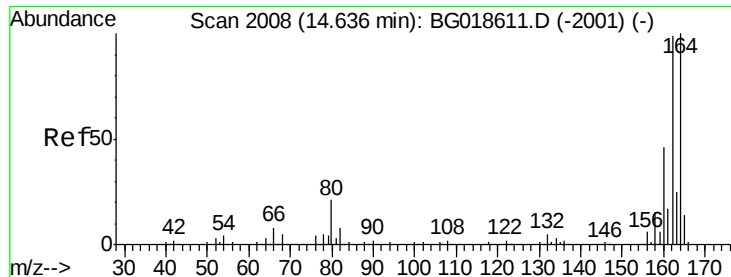
Tgt Ion: 82 Resp: 306503
Ion Ratio Lower Upper
82 100
128 46.5 36.7 55.1
54 40.3 33.8 50.8



#35
Caprolactam
Concen: 10.23 ng
RT: 11.69 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BG018722.D
Acq: 17 Sep 2015 1:21

Tgt Ion: 113 Resp: 13611
Ion Ratio Lower Upper
113 100
55 149.7 135.0 175.0
56 115.9 83.4 123.4





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.62 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BG018722.D

Acq: 17 Sep 2015 1:21

Instrument :

BNA_G

ClientSampleId :

CPS073031

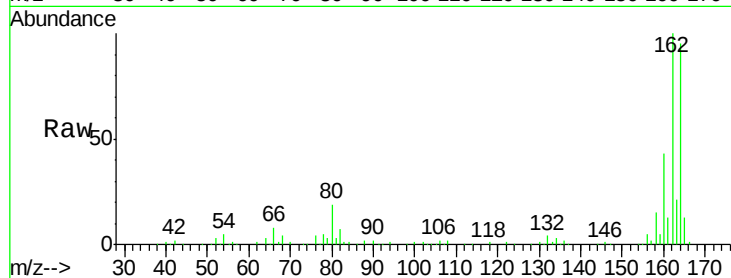
Tgt Ion:164 Resp: 138312

Ion Ratio Lower Upper

164 100

162 105.4 78.8 118.2

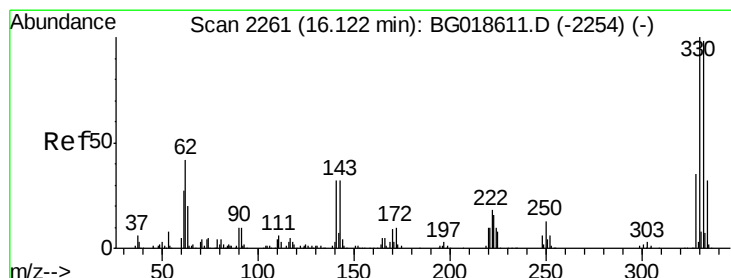
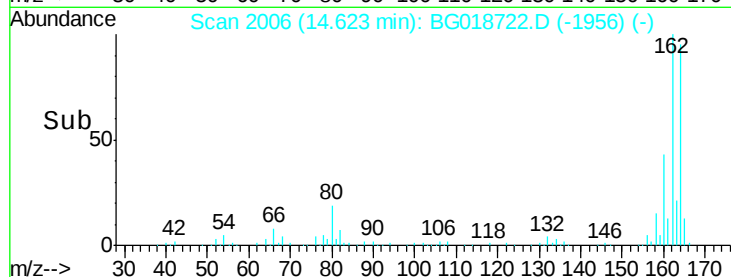
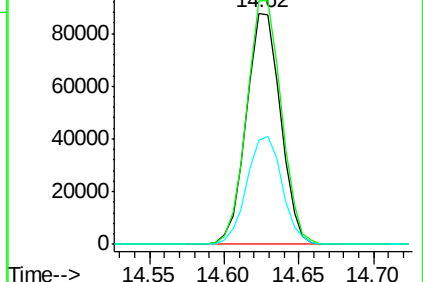
160 45.2 36.4 54.6



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: 152.13 ng

RT: 16.12 min Scan# 2260

Delta R.T. -0.00 min

Lab File: BG018722.D

Acq: 17 Sep 2015 1:21

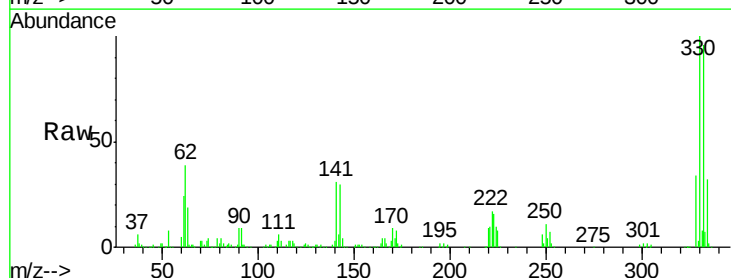
Tgt Ion:330 Resp: 283316

Ion Ratio Lower Upper

330 100

332 96.5 78.1 117.1

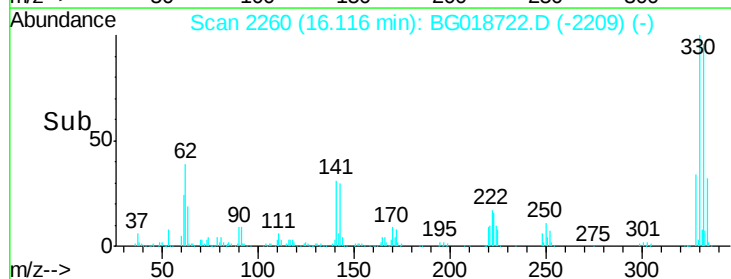
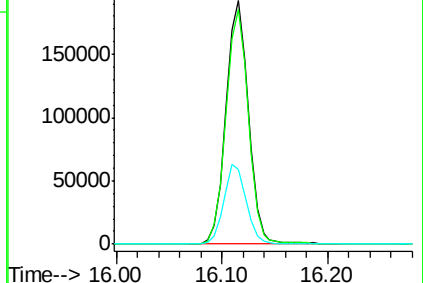
141 32.8 28.2 42.2

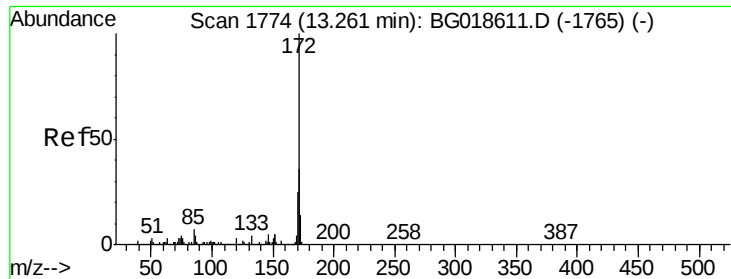


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

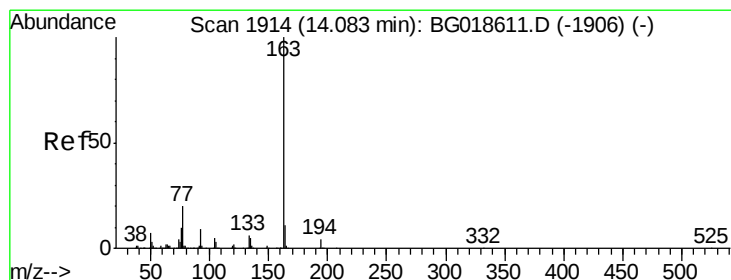
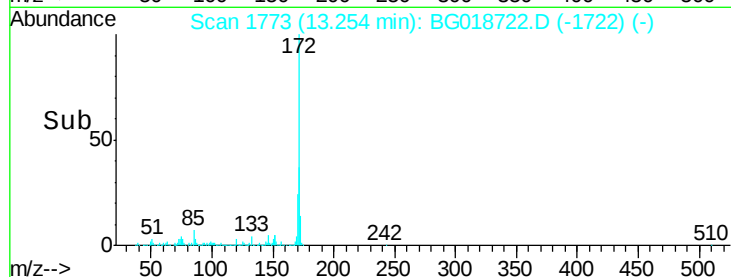
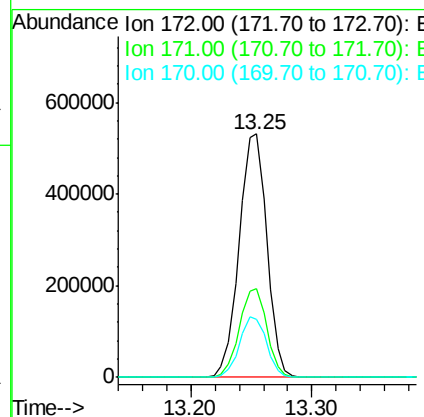
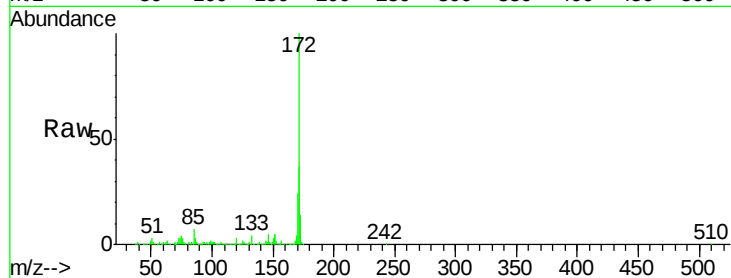




#44
 2-Fluorobiphenyl
 Concen: 85.52 ng
 RT: 13.25 min Scan# 1773
 Delta R.T. -0.00 min
 Lab File: BG018722.D
 Acq: 17 Sep 2015 1:21

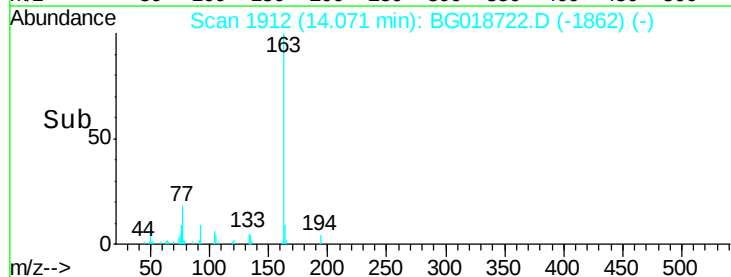
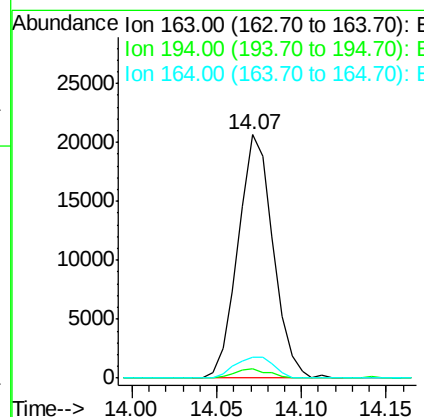
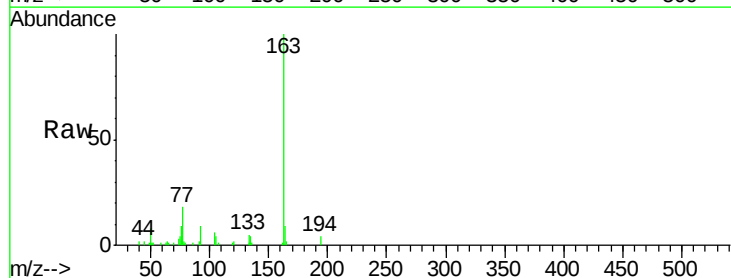
Instrument :
 BNA_G
 ClientSampleId :
 CPS073031

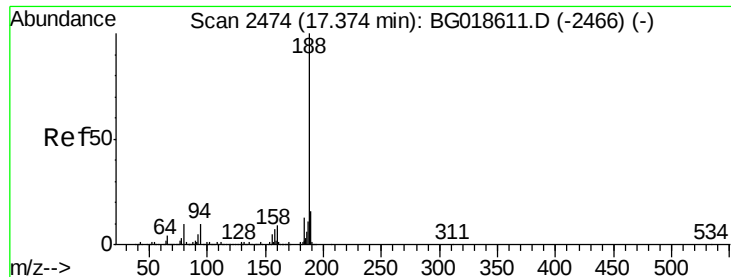
Tgt Ion:172 Resp: 852050
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.0 43.6
 170 24.0 19.9 29.9



#49
 Dimethylphthalate
 Concen: 2.59 ng
 RT: 14.07 min Scan# 1912
 Delta R.T. -0.01 min
 Lab File: BG018722.D
 Acq: 17 Sep 2015 1:21

Tgt Ion:163 Resp: 29695
 Ion Ratio Lower Upper
 163 100
 194 4.0 3.1 4.7
 164 8.8 8.8 13.2

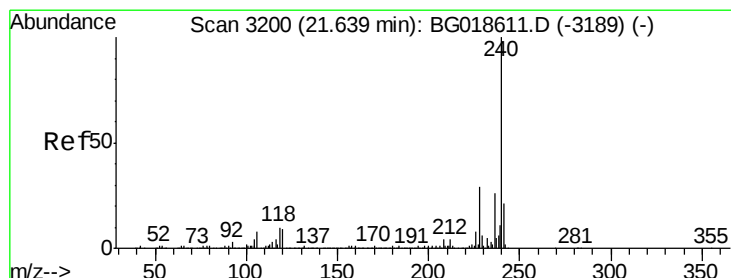
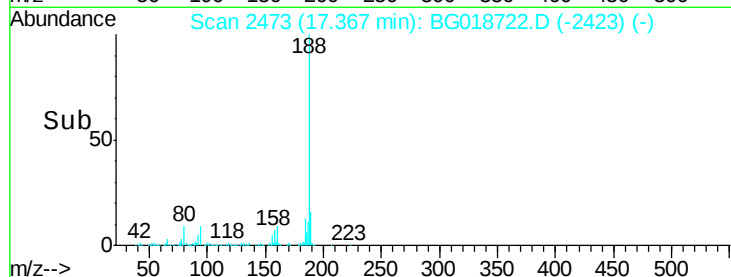
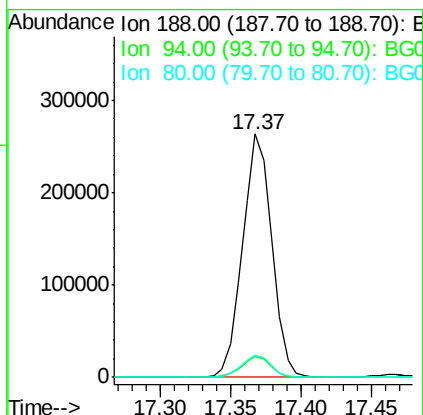
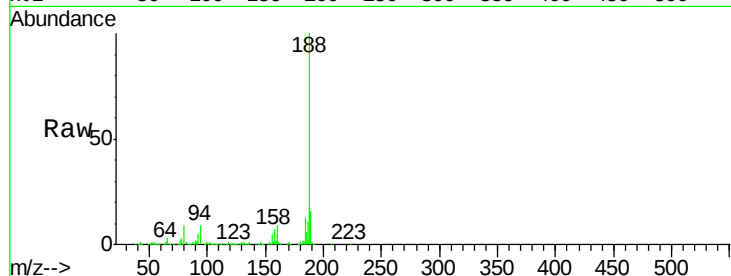




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.37 min Scan# 2473
Delta R.T. -0.01 min
Lab File: BG018722.D
Acq: 17 Sep 2015 1:21

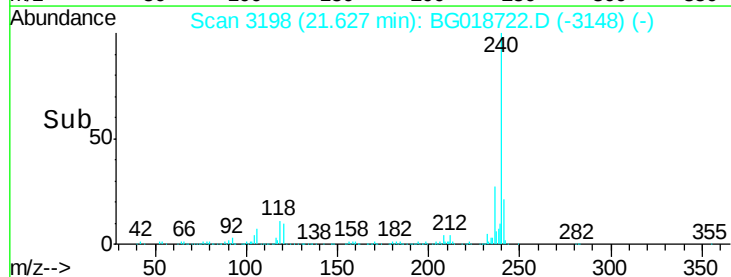
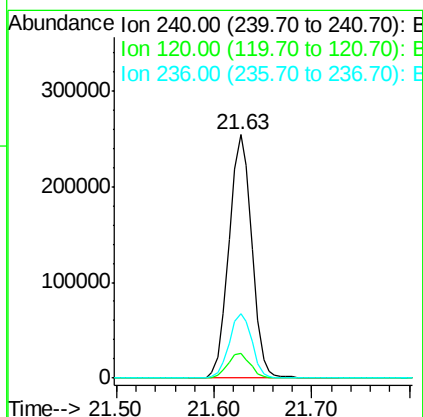
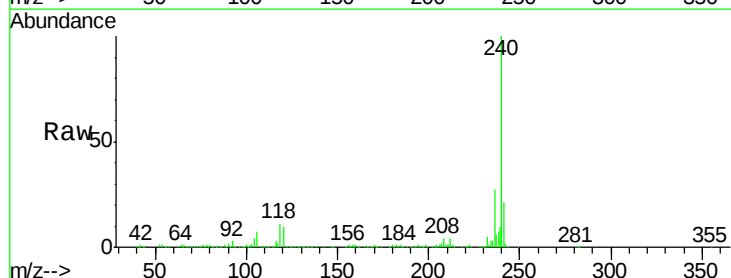
Instrument :
BNA_G
ClientSampleId :
CPS073031

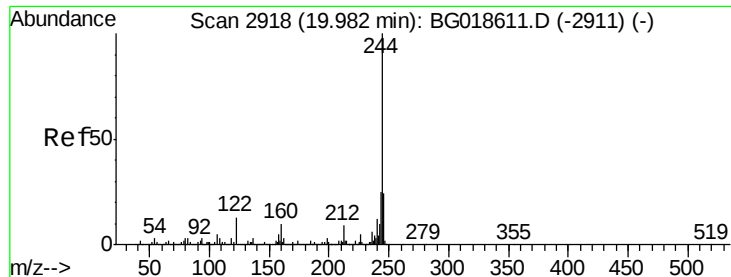
Tgt Ion:188 Resp: 382725
Ion Ratio Lower Upper
188 100
94 8.6 7.7 11.5
80 9.2 7.8 11.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.63 min Scan# 3198
Delta R.T. -0.01 min
Lab File: BG018722.D
Acq: 17 Sep 2015 1:21

Tgt Ion:240 Resp: 410956
Ion Ratio Lower Upper
240 100
120 10.2 7.4 11.0
236 26.6 20.7 31.1





#78

Terphenyl-d14

Concen: 90.44 ng

RT: 19.98 min Scan# 2918

Delta R.T. -0.00 min

Lab File: BG018722.D

Acq: 17 Sep 2015 1:21

Instrument :

BNA_G

ClientSampleId :

CPS073031

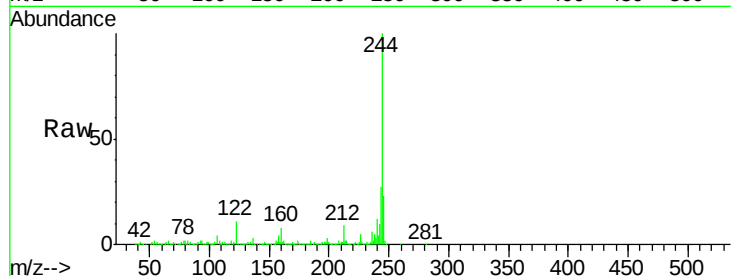
Tgt Ion:244 Resp: 1415332

Ion Ratio Lower Upper

244 100

212 8.6 6.9 10.3

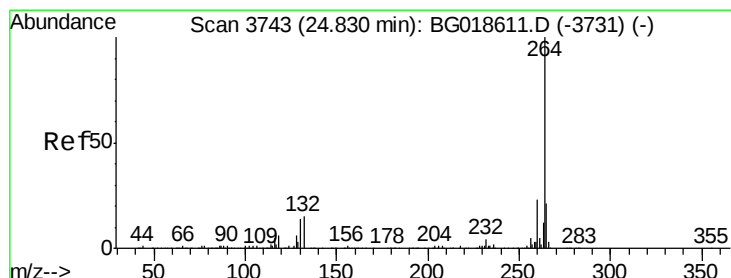
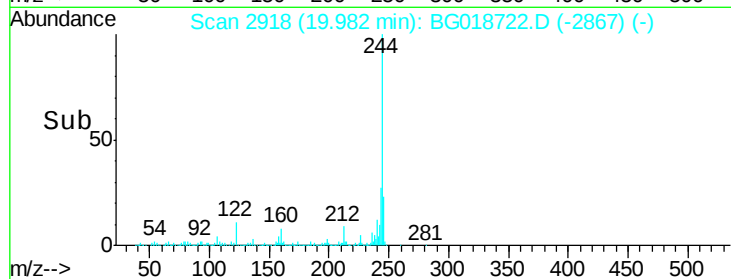
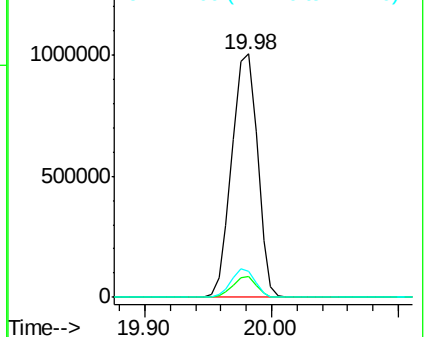
122 10.8 10.2 15.2



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: 24.81 min Scan# 3740

Delta R.T. -0.01 min

Lab File: BG018722.D

Acq: 17 Sep 2015 1:21

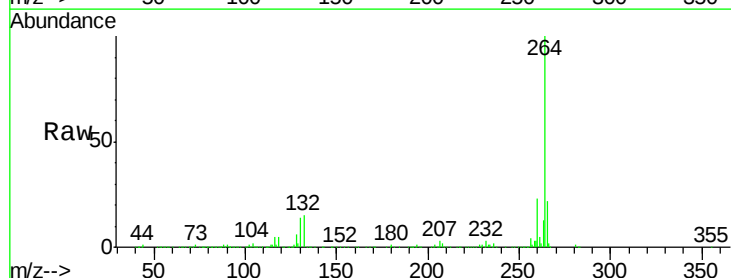
Tgt Ion:264 Resp: 410162

Ion Ratio Lower Upper

264 100

260 23.1 18.5 27.7

265 22.1 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

