

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072115\
 Data File : BG018050.D
 Acq On : 22 Jul 2015 9:06
 Operator : TP/UM
 Sample : G3031-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-7(8-10)

Quant Time: Jul 22 11:00:07 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 18 01:50:30 2015
 Response via : Initial Calibration

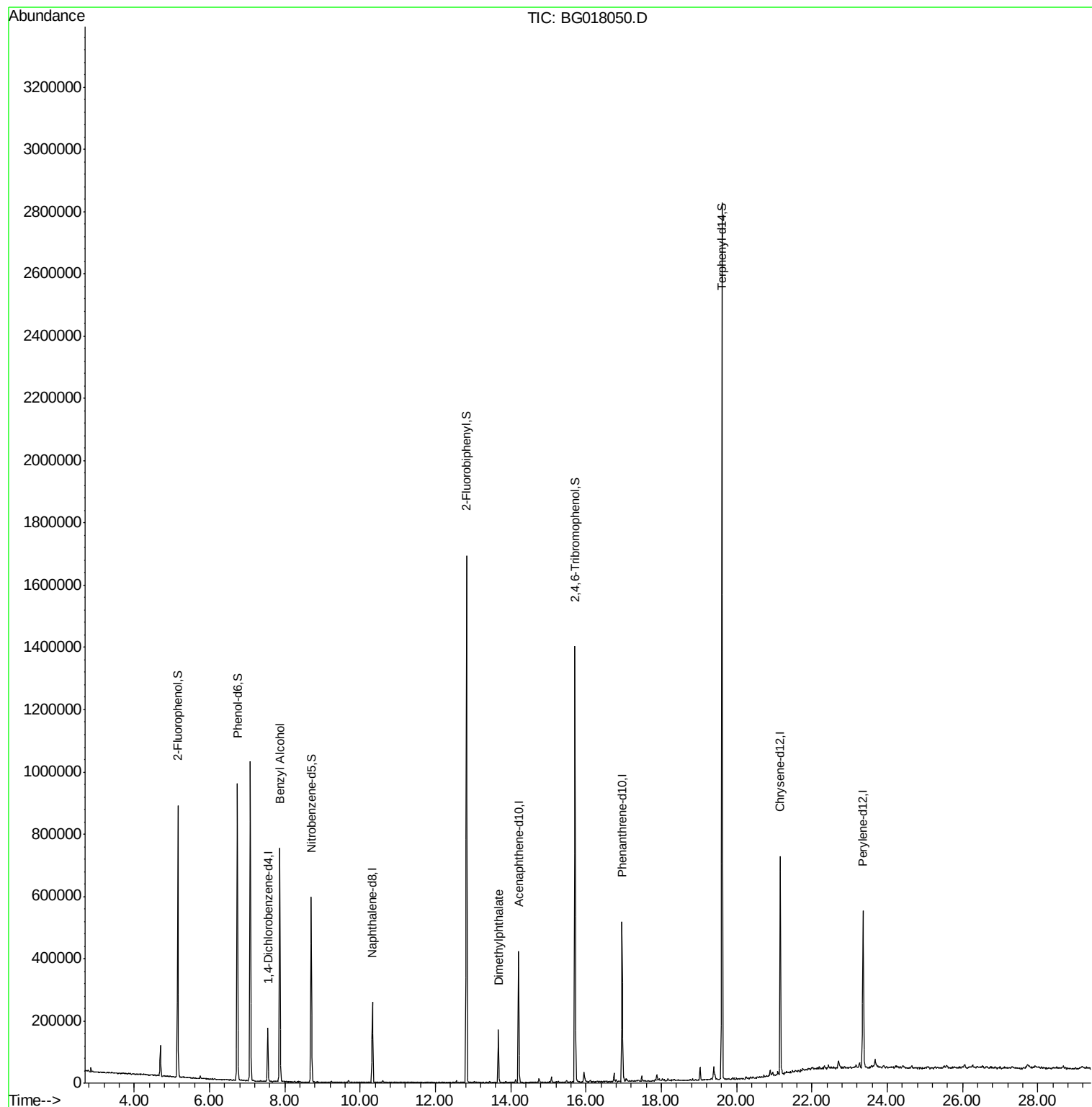
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	45036	20.00	ng	-0.04
21) Naphthalene-d8	10.33	136	220233	20.00	ng	-0.04
38) Acenaphthene-d10	14.21	164	143349	20.00	ng	-0.03
63) Phenanthrene-d10	16.96	188	299348	20.00	ng	-0.04
75) Chrysene-d12	21.16	240	327025	20.00	ng	-0.04
86) Perylene-d12	23.36	264	328476	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	395040	153.02	ng	-0.03
7) Phenol-d6	6.74	99	569984	168.52	ng	-0.03
23) Nitrobenzene-d5	8.70	82	340283	100.07	ng	-0.04
41) 2,4,6-Tribromophenol	15.71	330	258935	178.29	ng	-0.03
44) 2-Fluorobiphenyl	12.82	172	866340	104.73	ng	-0.03
78) Terphenyl-d14	19.62	244	1228850	94.65	ng	-0.03
Target Compounds						
15) Benzyl Alcohol	7.86	79	5351	2.14	ng	Qvalue # 52
49) Dimethylphthalate	13.67	163	110004	11.05	ng	99

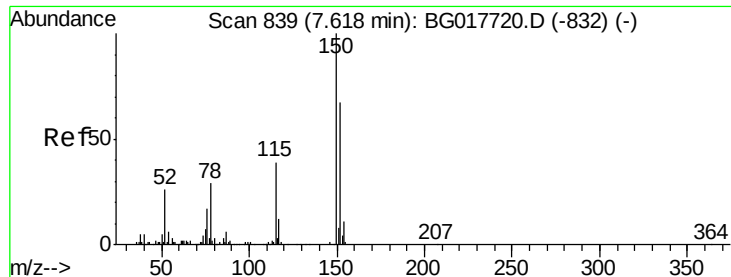
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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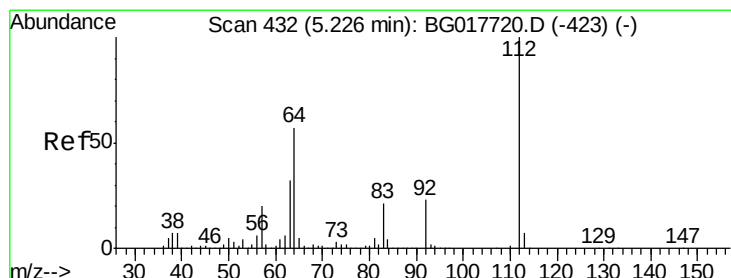
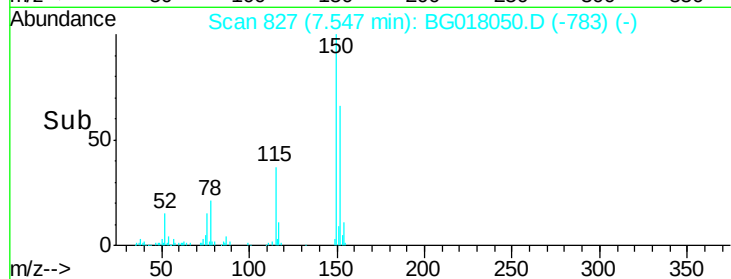
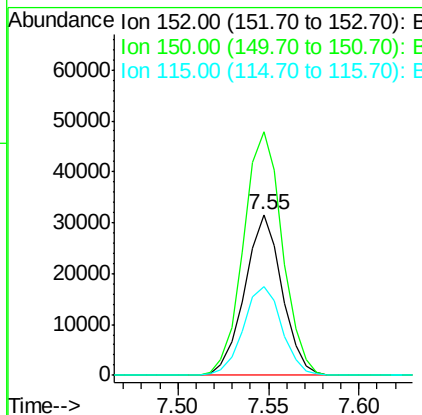
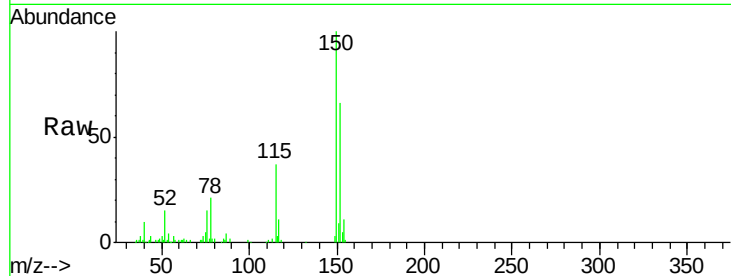


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.55 min Scan# 827
Delta R.T. -0.04 min
Lab File: BG018050.D
Acq: 22 Jul 2015 9:06

Instrument :
BNA_G
ClientSampleId :
SB-7(8-10)

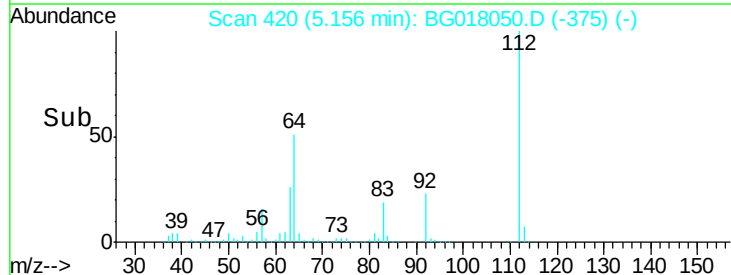
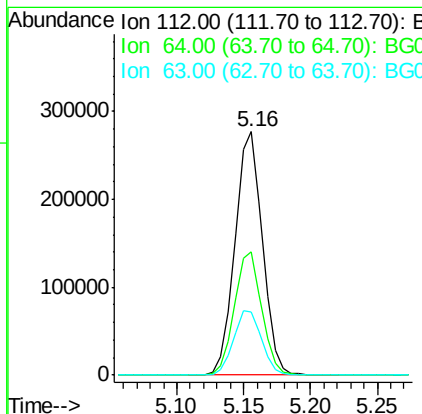
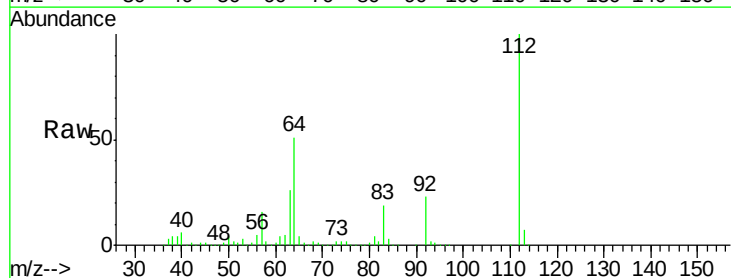
Tgt Ion:152 Resp: 45036
Ion Ratio Lower Upper
152 100
150 151.4 119.1 178.7
115 55.6 47.0 70.4

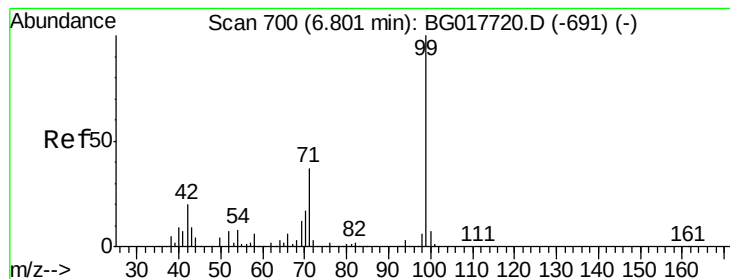


#5

2-Fluorophenol
Concen: 153.02 ng
RT: 5.16 min Scan# 420
Delta R.T. -0.03 min
Lab File: BG018050.D
Acq: 22 Jul 2015 9:06

Tgt Ion:112 Resp: 395040
Ion Ratio Lower Upper
112 100
64 50.7 45.4 68.0
63 25.8 25.3 37.9





#7

Phenol-d6

Concen: 168.52 ng

RT: 6.74 min Scan# 689

Delta R.T. -0.03 min

Lab File: BG018050.D

Acq: 22 Jul 2015 9:06

Instrument :

BNA_G

ClientSampleId :

SB-7(8-10)

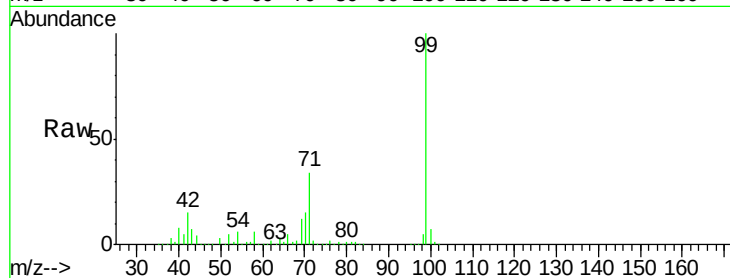
Tgt Ion: 99 Resp: 569984

Ion Ratio Lower Upper

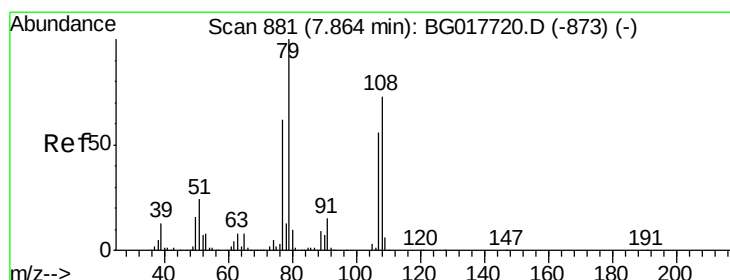
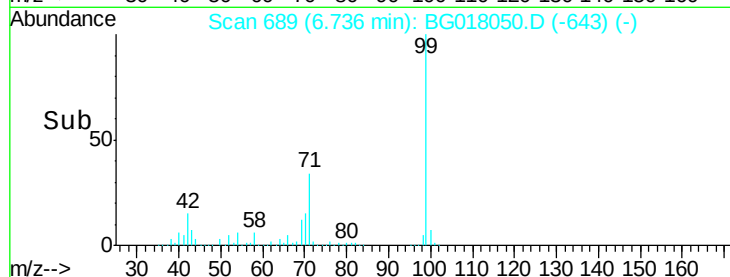
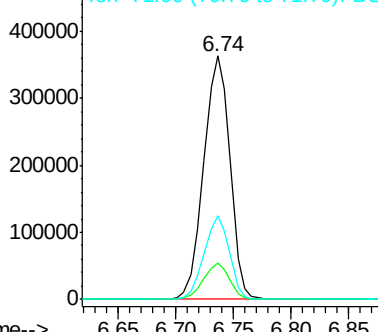
99 100

42 14.8 16.2 24.4#

71 34.1 29.5 44.3



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



#15

Benzyl Alcohol

Concen: 2.14 ng

RT: 7.86 min Scan# 881

Delta R.T. 0.04 min

Lab File: BG018050.D

Acq: 22 Jul 2015 9:06

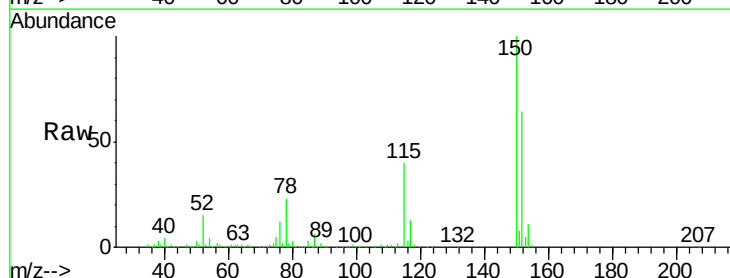
Tgt Ion: 79 Resp: 5351

Ion Ratio Lower Upper

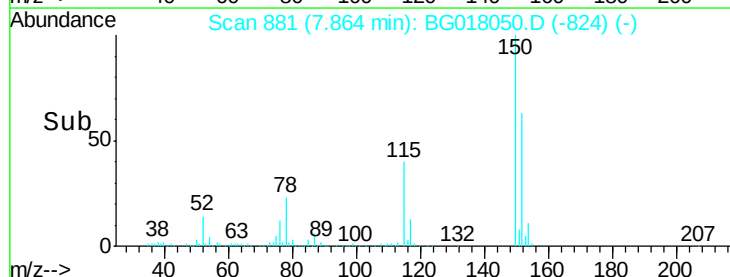
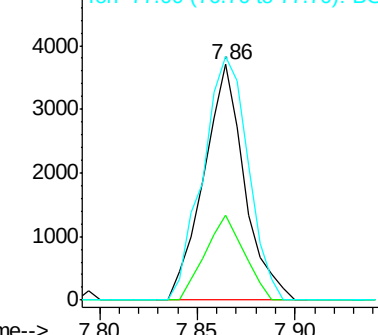
79 100

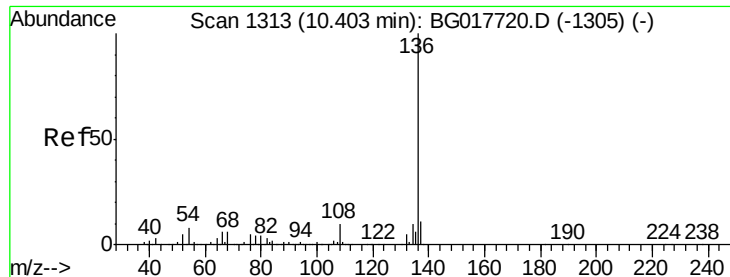
108 36.1 58.4 87.6#

77 103.4 49.9 74.9#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

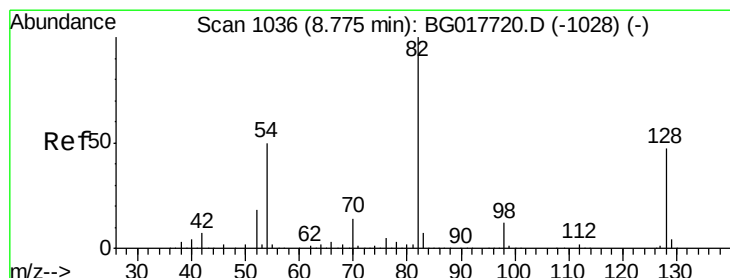
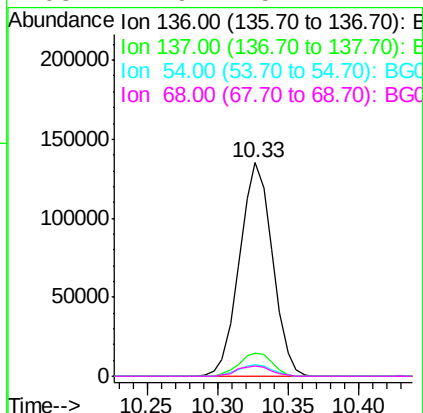
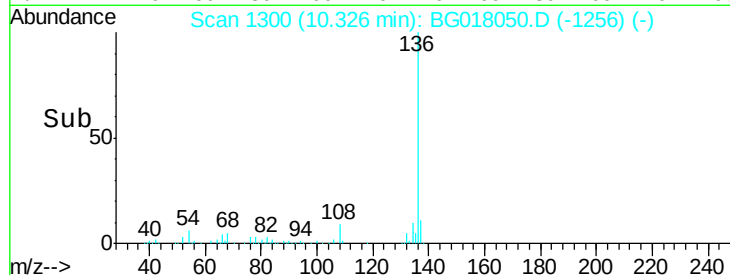
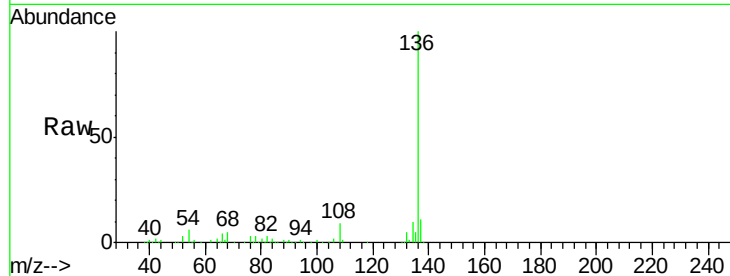




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.33 min Scan# 1300
Delta R.T. -0.04 min
Lab File: BG018050.D
Acq: 22 Jul 2015 9:06

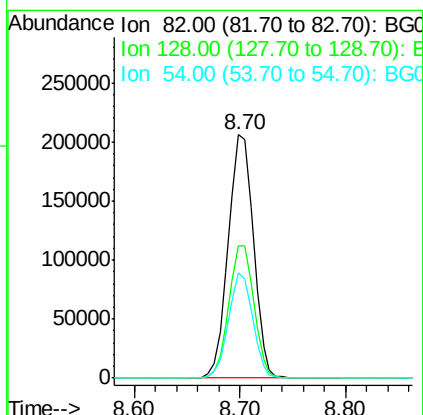
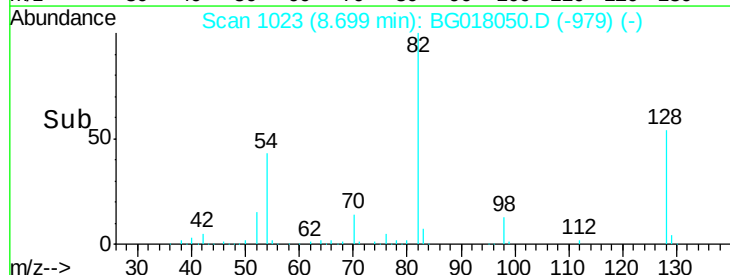
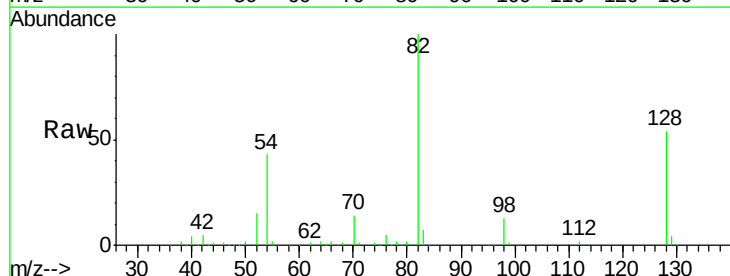
Instrument :
BNA_G
ClientSampleId :
SB-7(8-10)

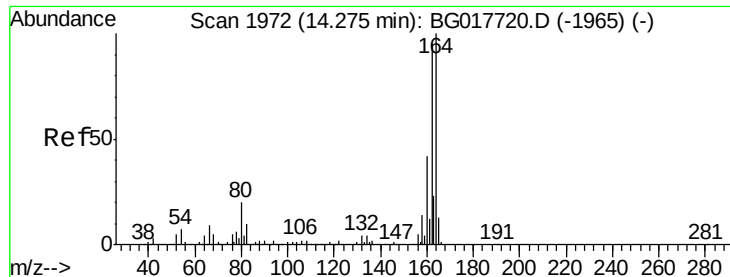
Tgt Ion:	136	Resp:	220233
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	5.6	6.6	9.8#
68	4.9	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 100.07 ng
RT: 8.70 min Scan# 1023
Delta R.T. -0.04 min
Lab File: BG018050.D
Acq: 22 Jul 2015 9:06

Tgt Ion:	82	Resp:	340283
Ion	Ratio	Lower	Upper
82	100		
128	54.4	37.8	56.6
54	43.5	39.9	59.9





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.21 min Scan# 1961

Delta R.T. -0.03 min

Lab File: BG018050.D

Acq: 22 Jul 2015 9:06

Instrument :

BNA_G

ClientSampleId :

SB-7(8-10)

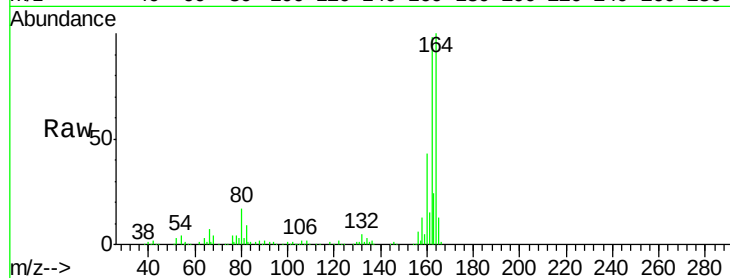
Tgt Ion:164 Resp: 143349

Ion Ratio Lower Upper

164 100

162 98.0 76.3 114.5

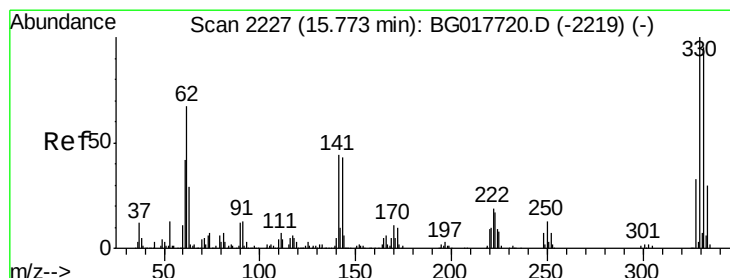
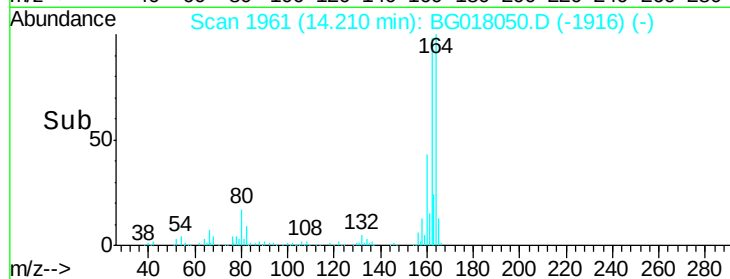
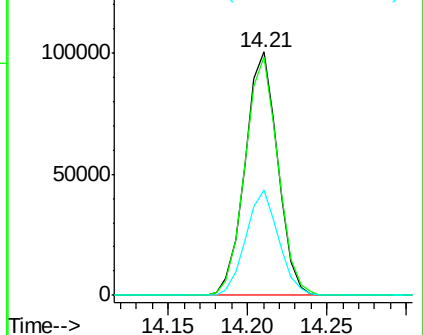
160 43.1 33.7 50.5



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: 178.29 ng

RT: 15.71 min Scan# 2216

Delta R.T. -0.03 min

Lab File: BG018050.D

Acq: 22 Jul 2015 9:06

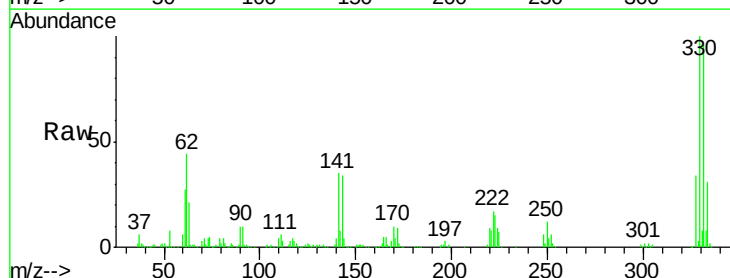
Tgt Ion:330 Resp: 258935

Ion Ratio Lower Upper

330 100

332 95.8 76.8 115.2

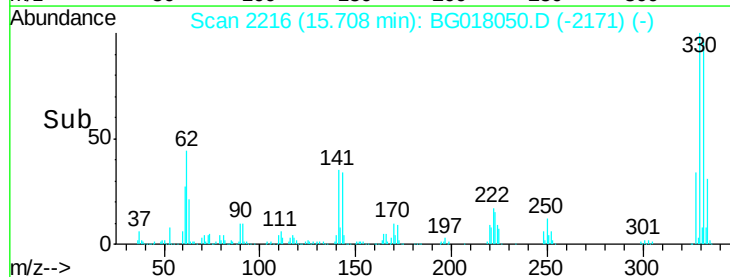
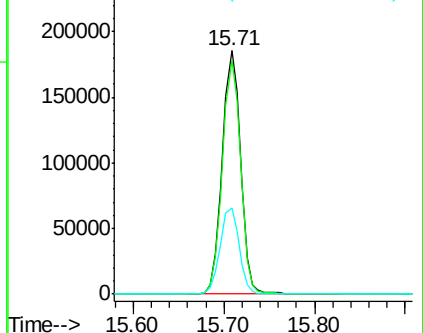
141 36.6 38.0 57.0#

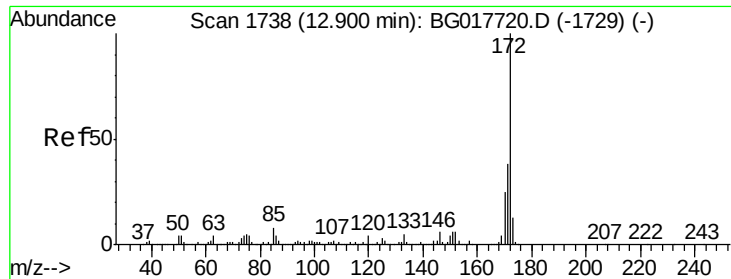


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

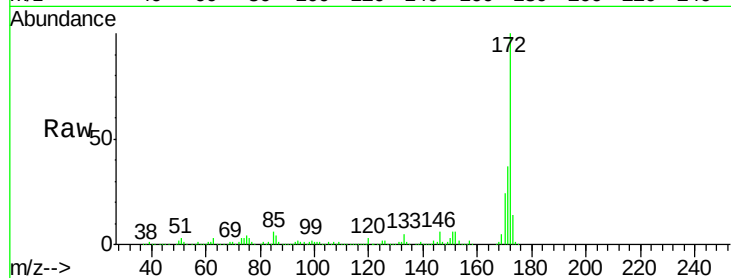




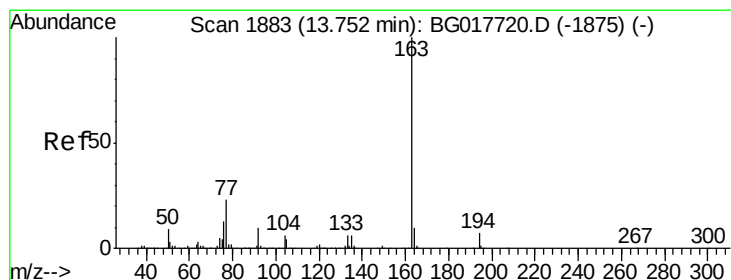
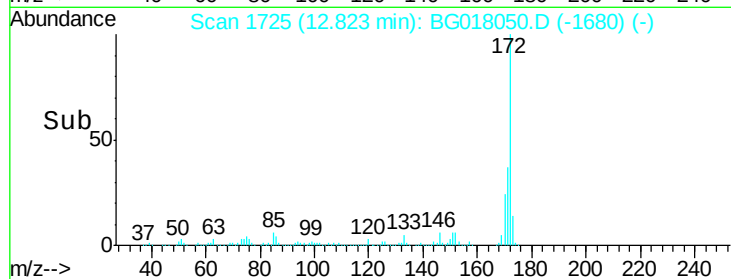
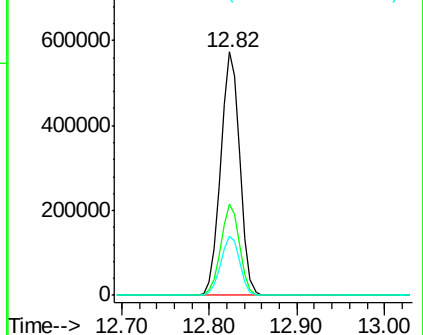
#44
2-Fluorobiphenyl
Concen: 104.73 ng
RT: 12.82 min Scan# 1725
Delta R.T. -0.03 min
Lab File: BG018050.D
Acq: 22 Jul 2015 9:06

Instrument :
BNA_G
ClientSampleId :
SB-7(8-10)

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.7	46.1
170	24.5	19.7	29.5

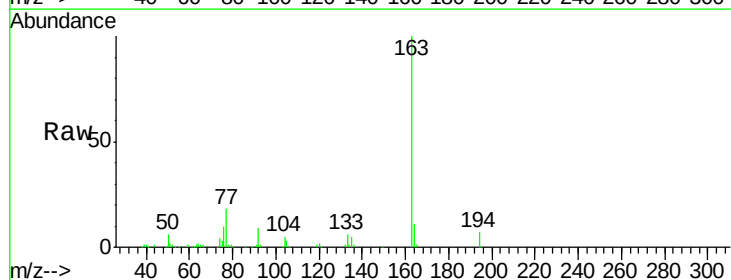


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

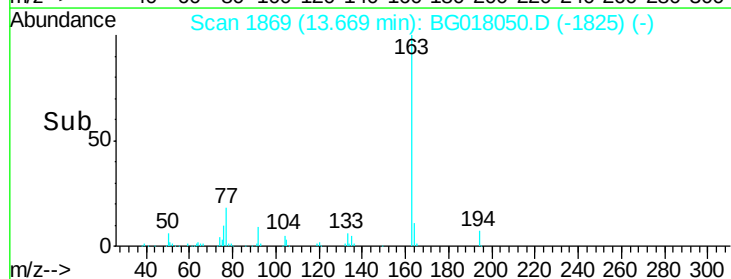
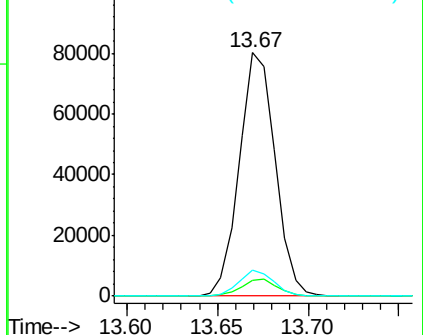


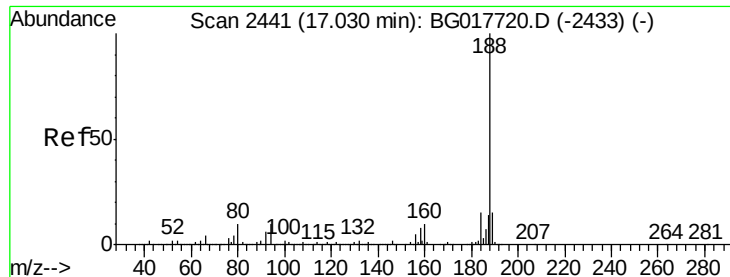
#49
Dimethylphthalate
Concen: 11.05 ng
RT: 13.67 min Scan# 1869
Delta R.T. -0.04 min
Lab File: BG018050.D
Acq: 22 Jul 2015 9:06

Tgt Ion	Ratio	Lower	Upper
163	100		
194	6.7	5.8	8.6
164	10.9	8.3	12.5



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: 20.00 ng

RT: 16.96 min Scan# 2429

Delta R.T. -0.04 min

Lab File: BG018050.D

Acq: 22 Jul 2015 9:06

Instrument :

BNA_G

ClientSampleId :

SB-7(8-10)

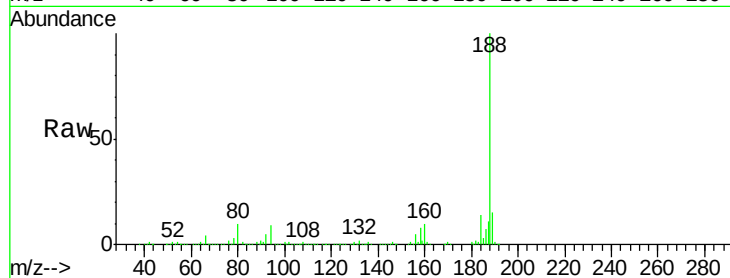
Tgt Ion:188 Resp: 299348

Ion Ratio Lower Upper

188 100

94 8.9 8.2 12.2

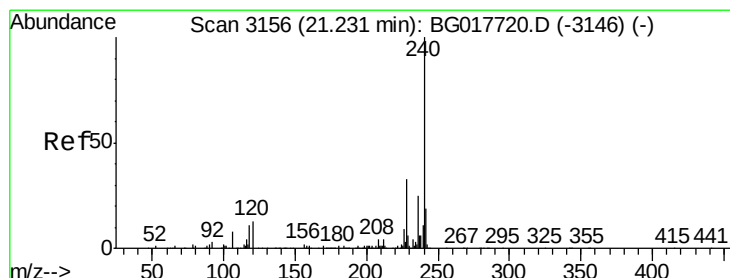
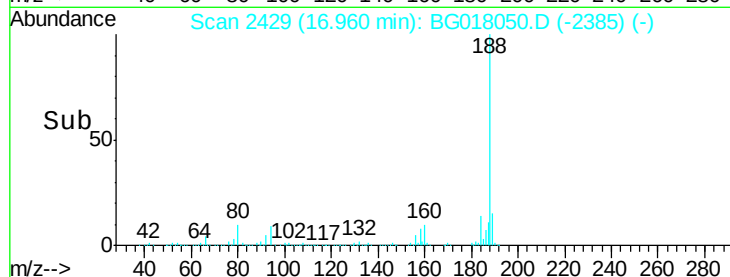
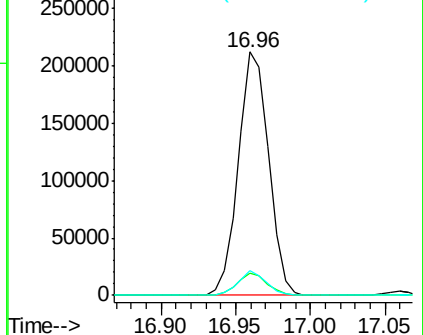
80 10.1 8.2 12.4



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: 21.16 min Scan# 3144

Delta R.T. -0.04 min

Lab File: BG018050.D

Acq: 22 Jul 2015 9:06

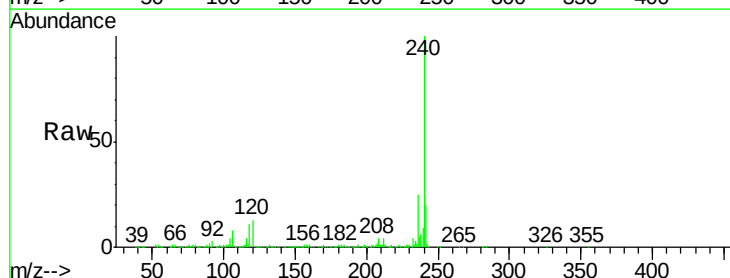
Tgt Ion:240 Resp: 327025

Ion Ratio Lower Upper

240 100

120 12.6 10.8 16.2

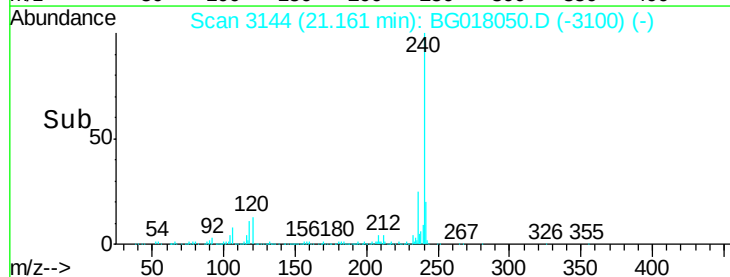
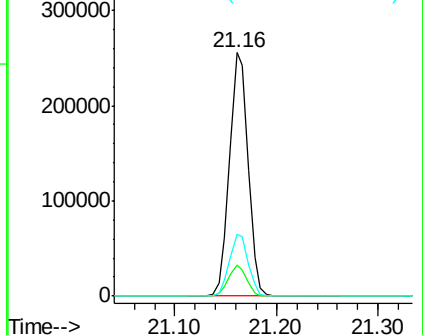
236 25.3 20.0 30.0

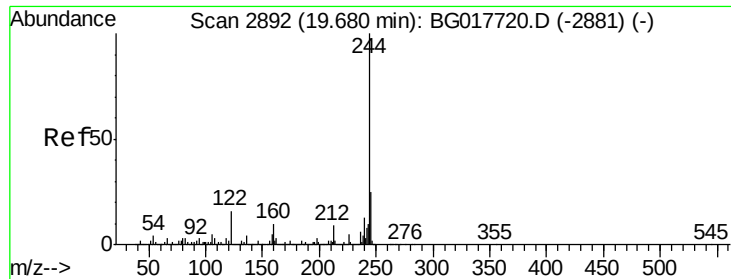


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 94.65 ng

RT: 19.62 min Scan# 2881

Delta R.T. -0.03 min

Lab File: BG018050.D

Acq: 22 Jul 2015 9:06

Instrument :

BNA_G

ClientSampleId :

SB-7(8-10)

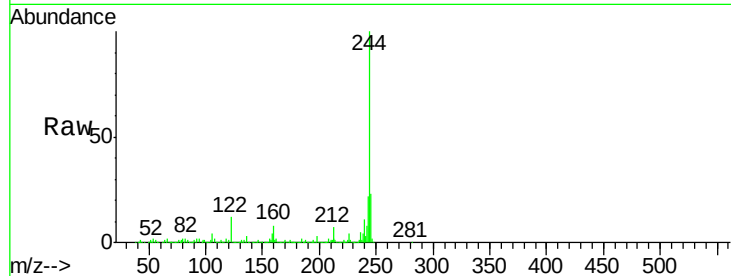
Tgt Ion:244 Resp: 1228850

Ion Ratio Lower Upper

244 100

212 7.3 7.2 10.8

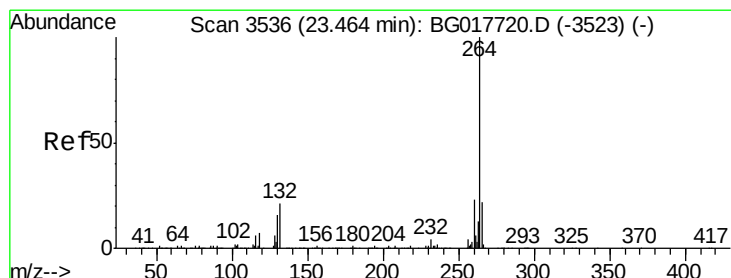
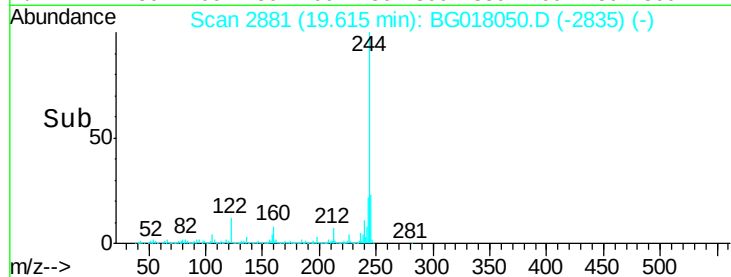
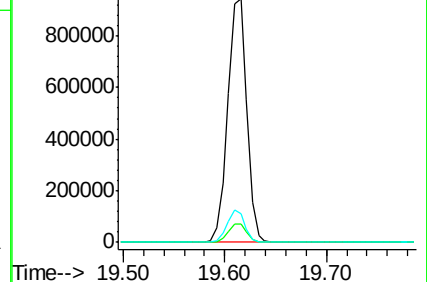
122 11.7 12.8 19.2#



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: 23.36 min Scan# 3519

Delta R.T. -0.05 min

Lab File: BG018050.D

Acq: 22 Jul 2015 9:06

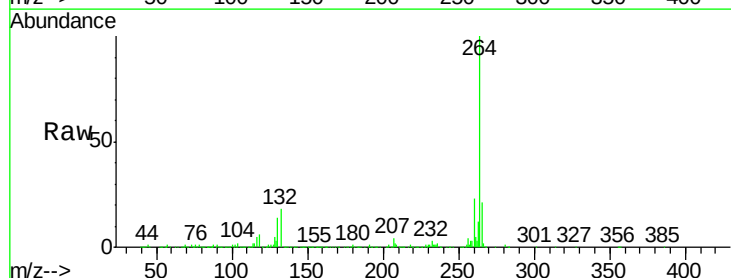
Tgt Ion:264 Resp: 328476

Ion Ratio Lower Upper

264 100

260 22.7 18.6 27.8

265 20.9 18.2 27.2



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

