

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG111117\
 Data File : BG030965.D
 Acq On : 12 Nov 2017 4:58
 Operator : SJ/JU
 Sample : I6301-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 13 03:27:15 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

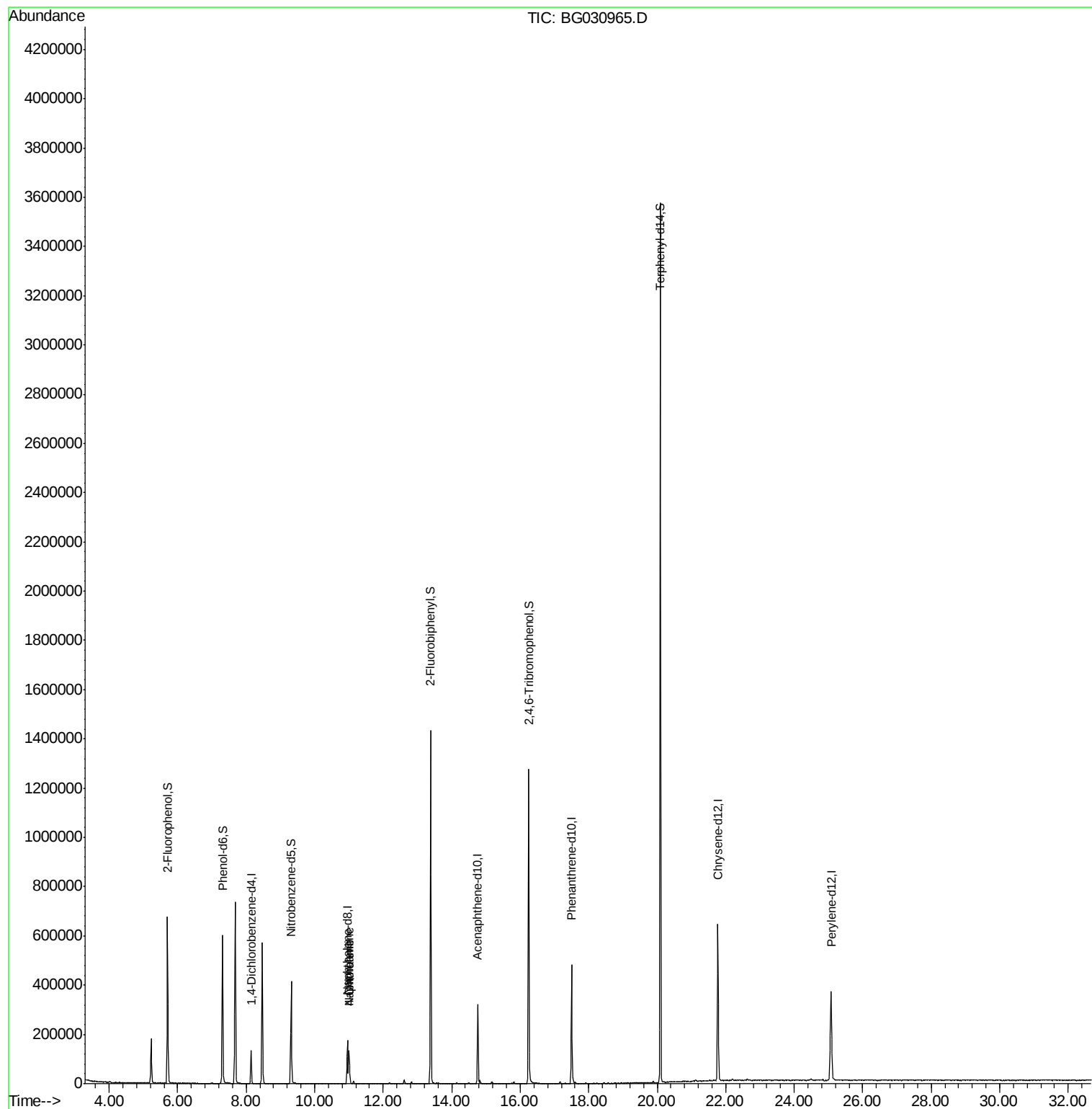
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	40960	20.00	ng	-0.01
21) Naphthalene-d8	10.96	136	169732	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	121254	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	335338	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	433466	20.00	ng	-0.01
86) Perylene-d12	25.08	264	438912	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	313490	131.24	ng	0.00
7) Phenol-d6	7.31	99	369799	114.91	ng	0.00
23) Nitrobenzene-d5	9.31	82	271529	94.80	ng	-0.01
41) 2,4,6-Tribromophenol	16.24	330	304992	155.49	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	817731	96.90	ng	-0.02
78) Terphenyl-d14	20.09	244	1737163	88.49	ng	0.00
Target Compounds						
31) Naphthalene	11.00	128	123950	14.855	ng	99
33) 4-Chloroaniline	11.00	127	17188	4.706	ng	# 37

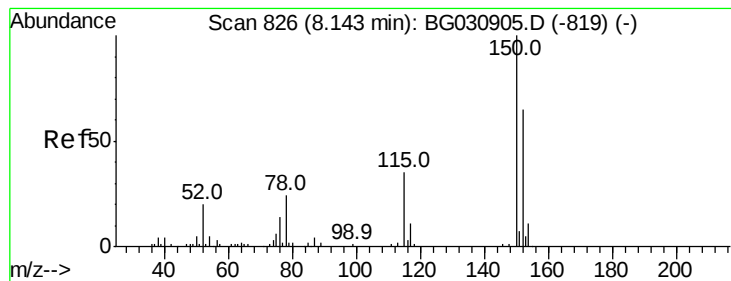
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 826

Delta R.T. -0.01 min

Lab File: BG030965.D

Acq: 12 Nov 2017 4:58

Instrument :

BNA_G

ClientSampleId :

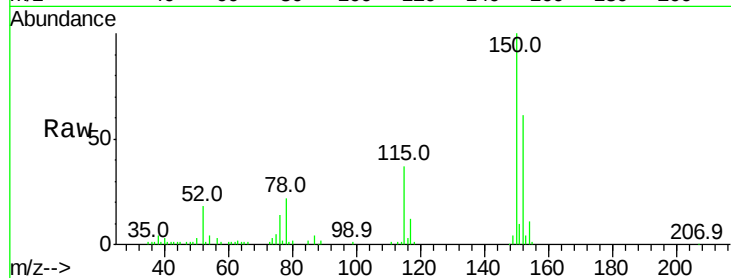
Tot Ion:152 Resp: 40960

Ion Ratio Lower Upper

152 100

150 165.1 126.6 189.8

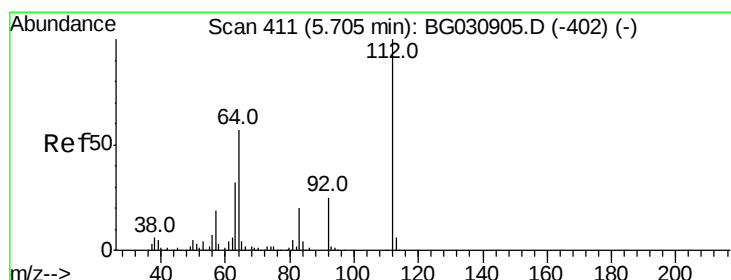
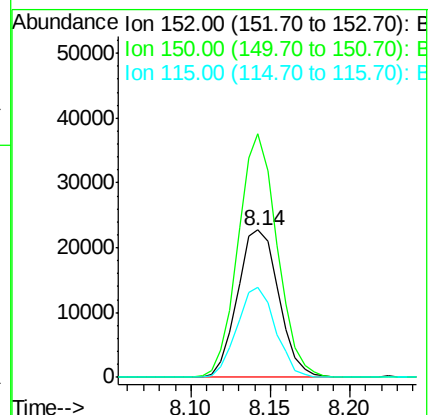
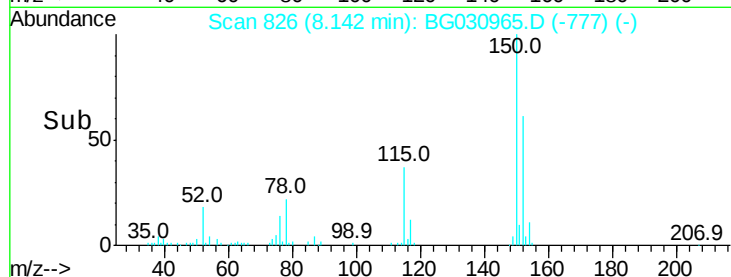
115 60.7 53.0 79.4



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: 131.240 ng

RT: 5.70 min Scan# 411

Delta R.T. -0.00 min

Lab File: BG030965.D

Acq: 12 Nov 2017 4:58

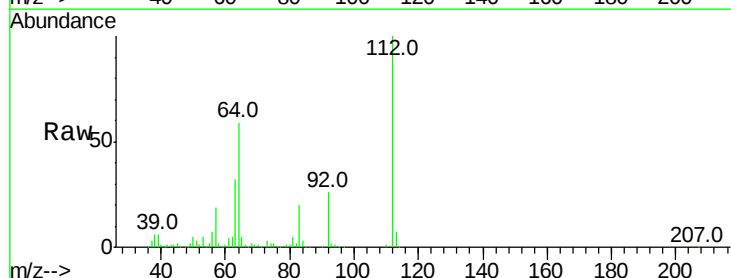
Tgt Ion:112 Resp: 313490

Ion Ratio Lower Upper

112 100

64 58.7 56.3 84.5

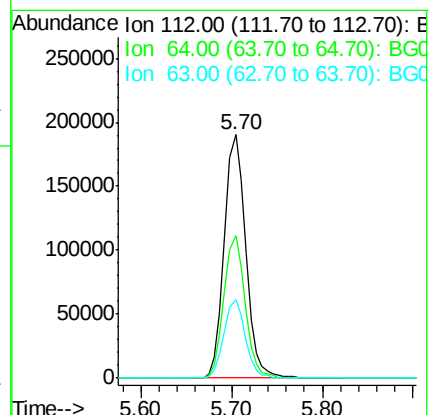
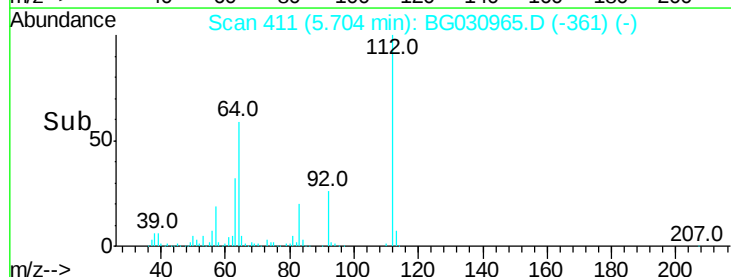
63 32.0 30.1 45.1

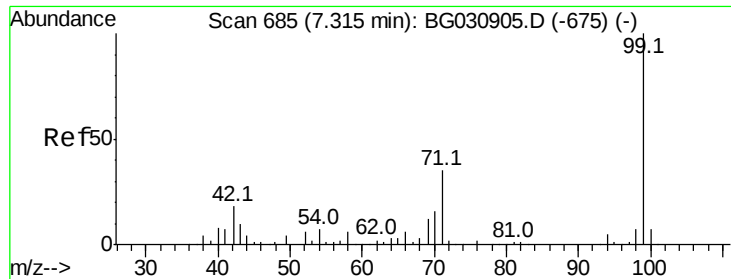


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 114.914 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG030965.D

Acq: 12 Nov 2017 4:58

Instrument :

BNA_G

ClientSampleId :

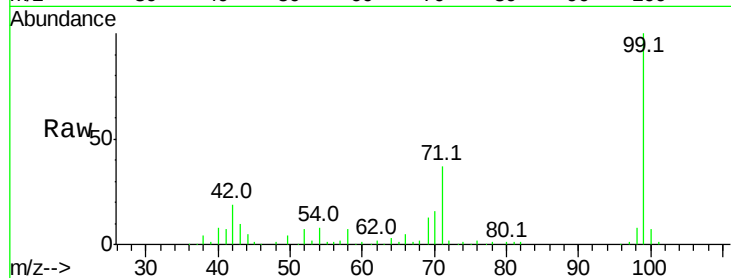
Tot Ion: 99 Resp: 369799

Ion Ratio Lower Upper

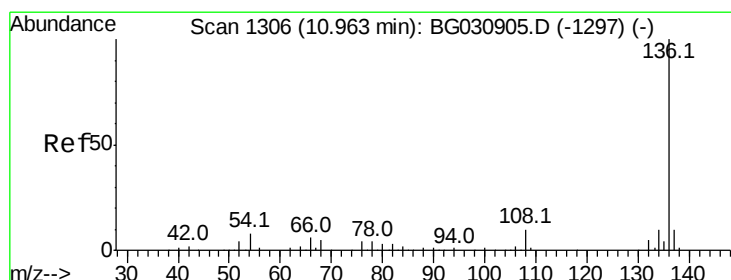
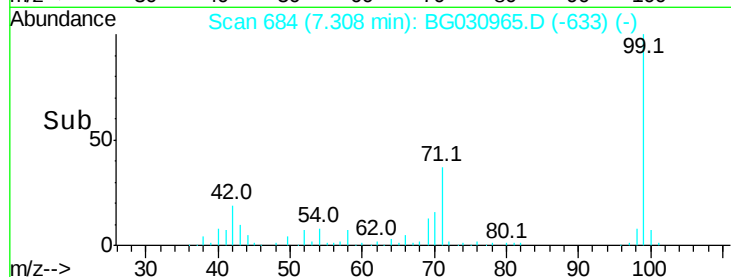
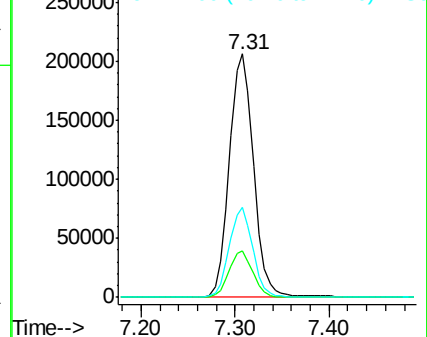
99 100

42 18.9 14.1 21.1

71 37.0 26.1 39.1



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: 20.000 ng

RT: 10.96 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG030965.D

Acq: 12 Nov 2017 4:58

Tgt Ion: 136 Resp: 169732

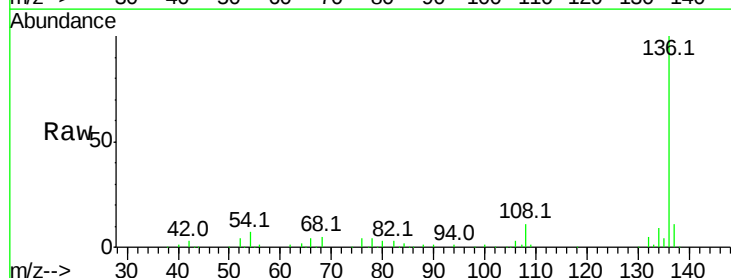
Ion Ratio Lower Upper

136 100

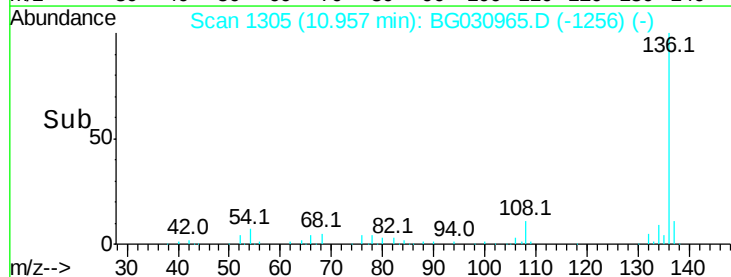
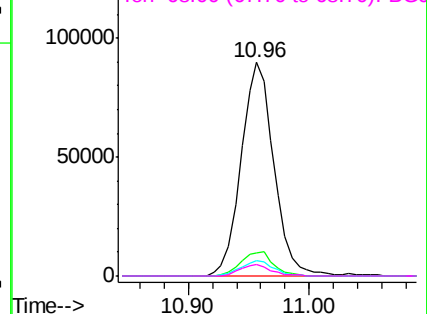
137 10.6 9.2 13.8

54 7.5 10.3 15.5#

68 5.2 4.5 6.7



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

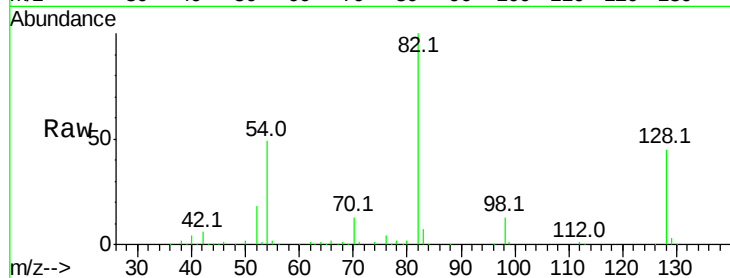




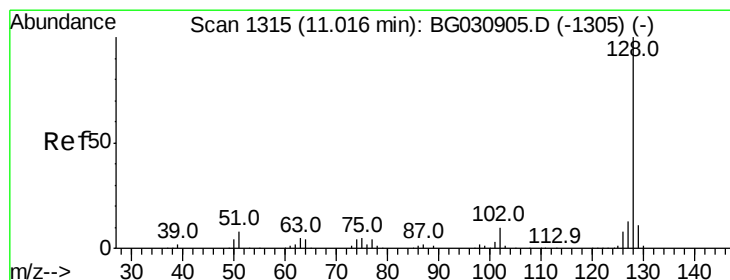
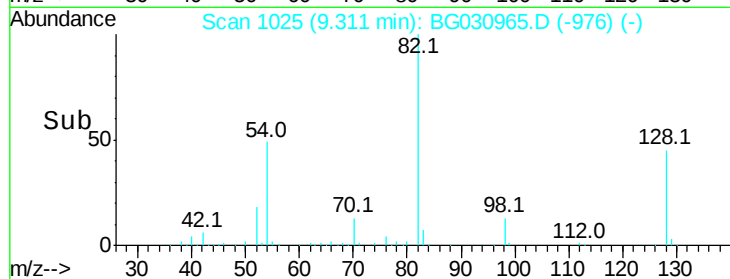
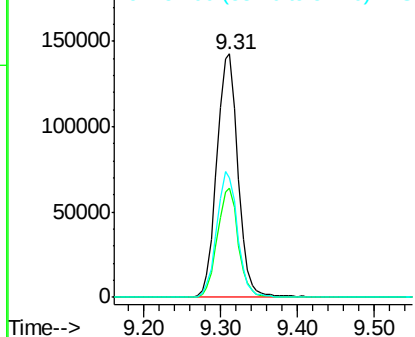
#23
Nitrobenzene-d5
Concen: 94.795 ng
RT: 9.31 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BG030965.D
Acq: 12 Nov 2017 4:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 271529
Ion Ratio Lower Upper
82 100
128 44.6 29.7 44.5#
54 49.3 43.1 64.7

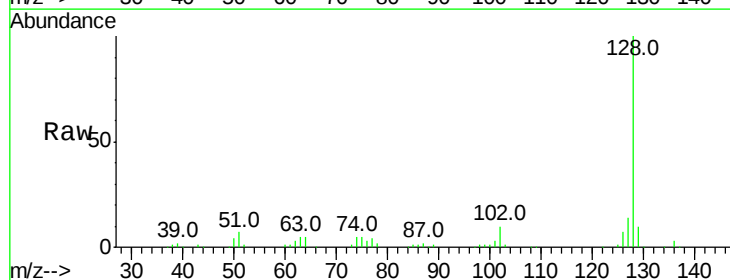


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

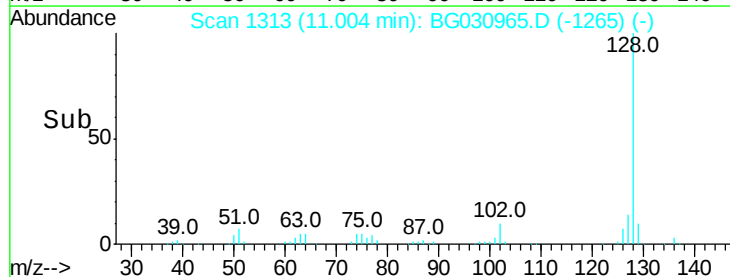
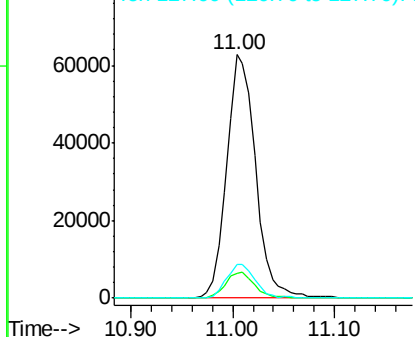


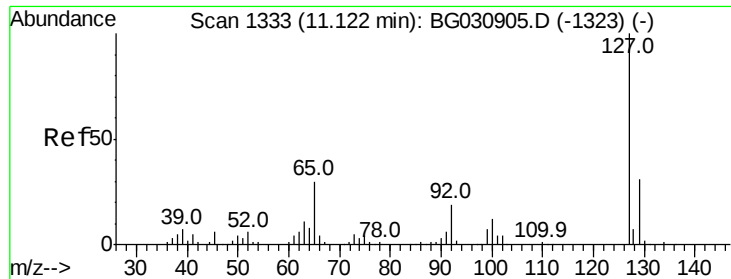
#31
Naphthalene
Concen: 14.855 ng
RT: 11.00 min Scan# 1313
Delta R.T. -0.02 min
Lab File: BG030965.D
Acq: 12 Nov 2017 4:58

Tgt Ion: 128 Resp: 123950
Ion Ratio Lower Upper
128 100
129 10.2 8.6 12.8
127 13.9 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 129.00 (128.70 to 129.70): BGC
Ion 127.00 (126.70 to 127.70): BGC

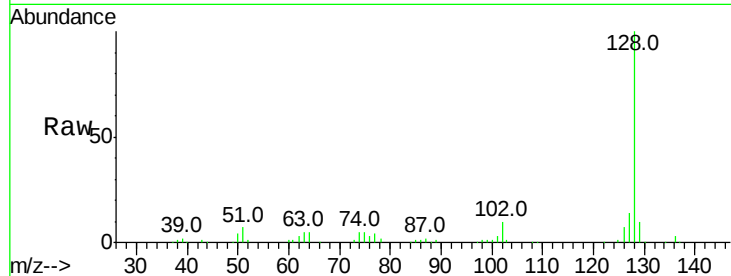




#33
4-Chloroaniline
Concen: 4.706 ng
RT: 11.00 min Scan# 1313
Delta R.T. -0.12 min
Lab File: BG030965.D
Acq: 12 Nov 2017 4:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
127	100		
129	73.4	24.0	36.0#
65	0.0	27.0	40.4#
92	0.0	16.6	25.0#

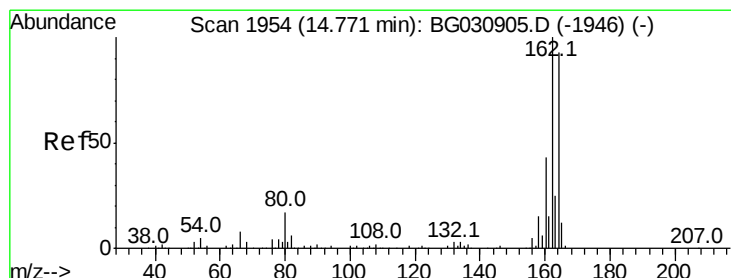
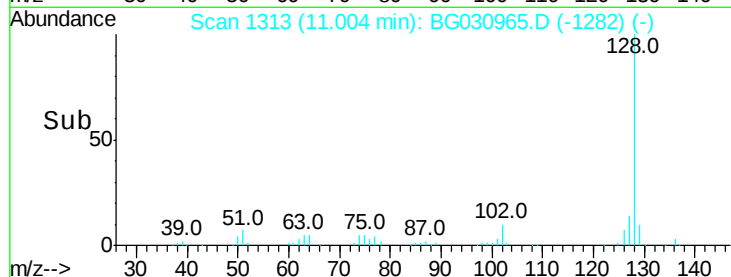
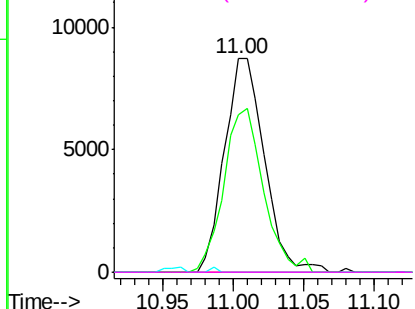


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

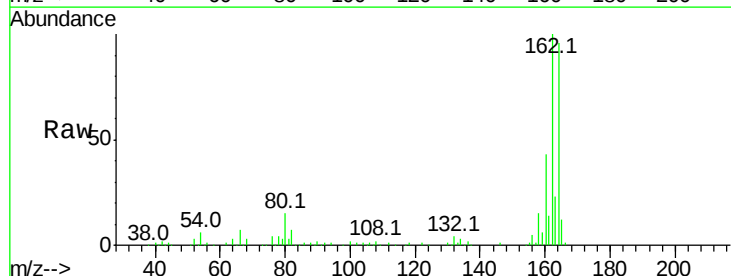
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1952
Delta R.T. -0.02 min
Lab File: BG030965.D
Acq: 12 Nov 2017 4:58

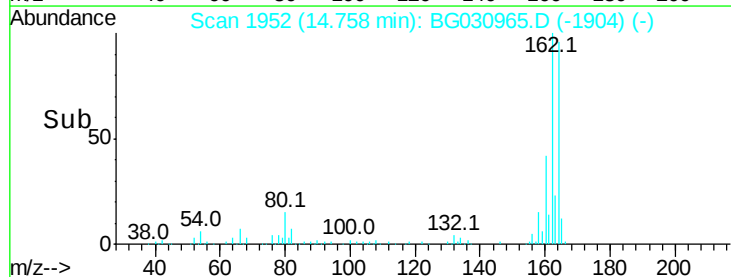
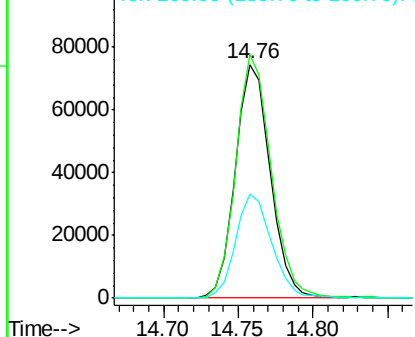
Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	78.8	118.2
160	44.3	35.4	53.0

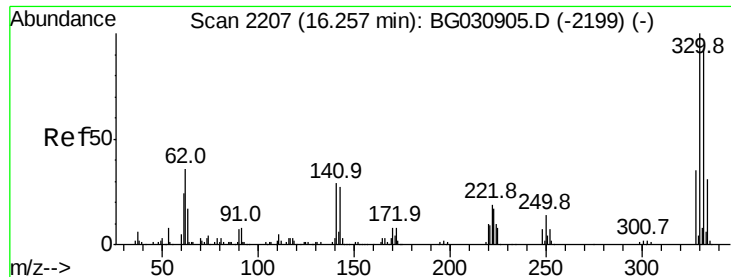


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

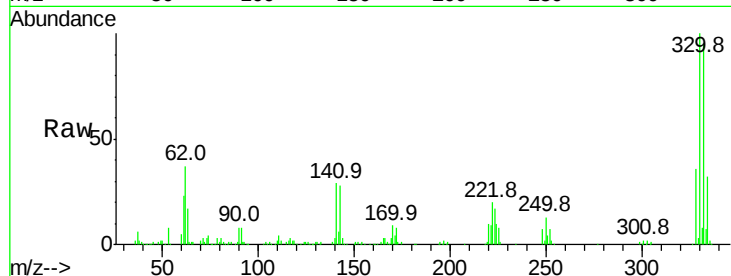




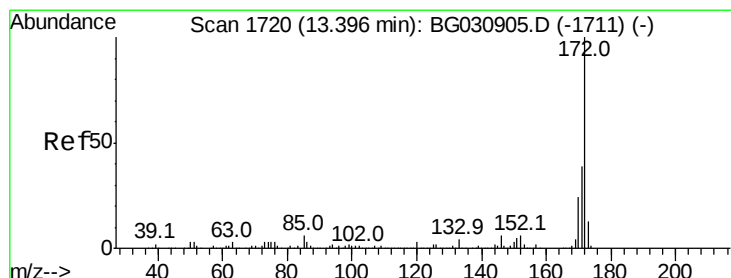
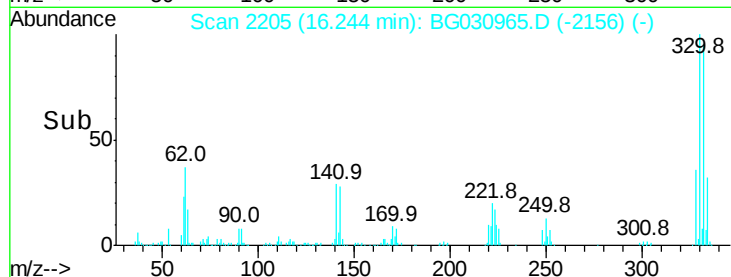
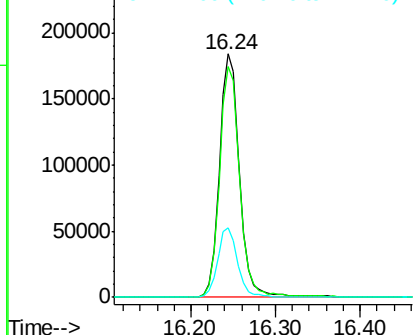
#41
 2,4,6-Tribromophenol
 Concen: 155.490 ng
 RT: 16.24 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG030965.D
 Acq: 12 Nov 2017 4:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	28.8	25.2	37.8

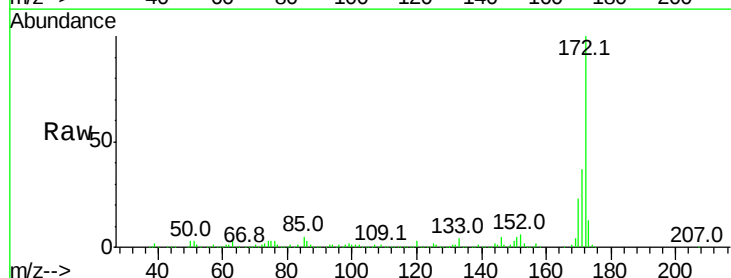


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

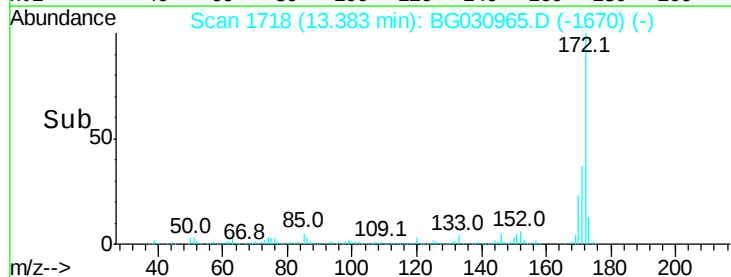
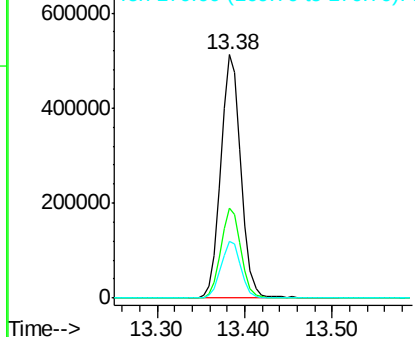


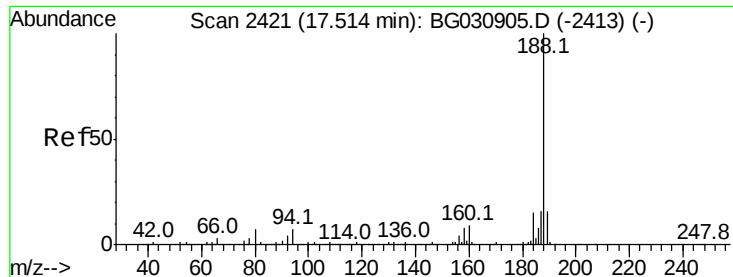
#44
 2-Fluorobiphenyl
 Concen: 96.903 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG030965.D
 Acq: 12 Nov 2017 4:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.0	45.0
170	23.2	19.5	29.3



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

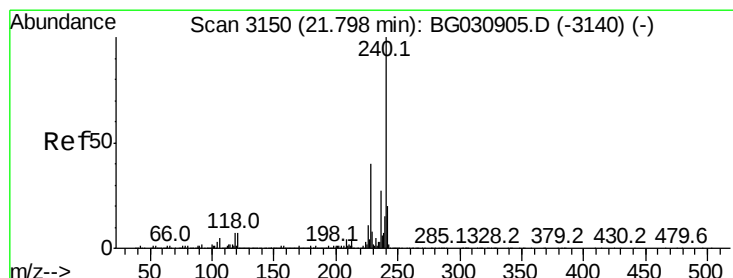
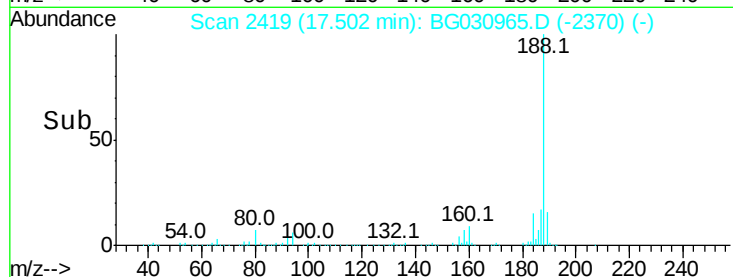
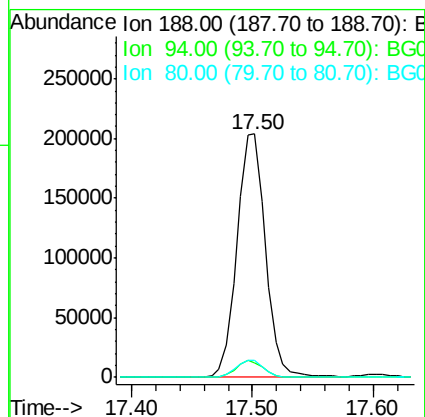
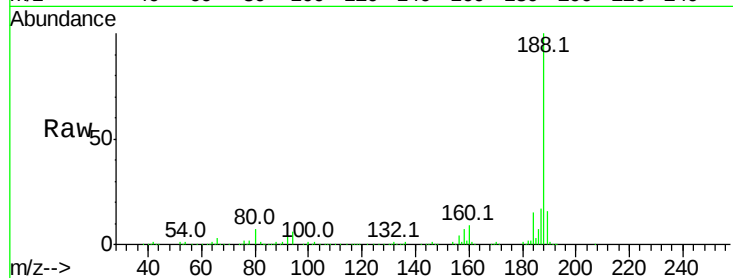




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG030965.D
Acq: 12 Nov 2017 4:58

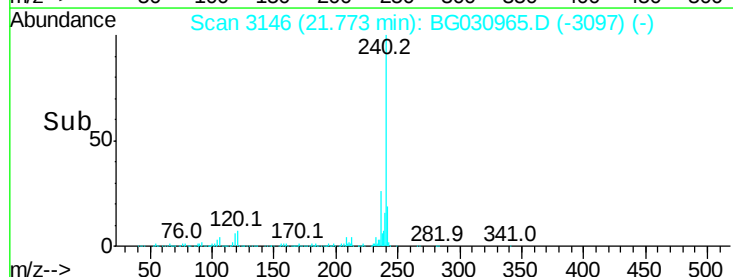
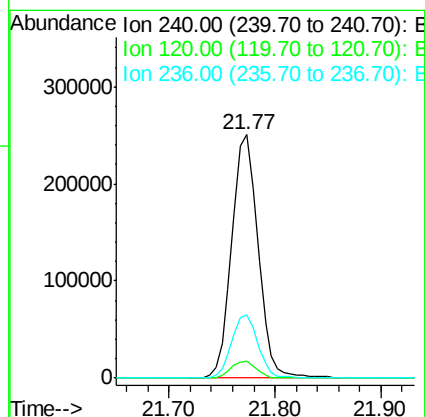
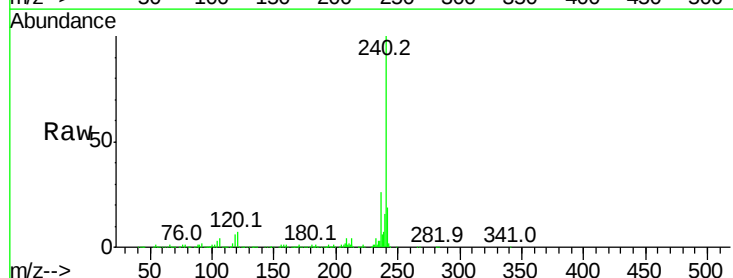
Instrument :
BNA_G
ClientSampled :

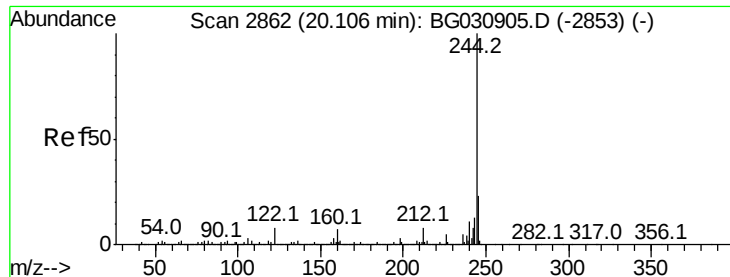
Tot Ion:188 Resp: 335338
Ion Ratio Lower Upper
188 100
94 6.0 6.9 10.3#
80 6.9 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3146
Delta R.T. -0.01 min
Lab File: BG030965.D
Acq: 12 Nov 2017 4:58

Tgt Ion:240 Resp: 433466
Ion Ratio Lower Upper
240 100
120 6.8 6.8 10.2
236 25.9 20.9 31.3





#78

Terphenyl-d14

Concen: 88.492 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.00 min

Lab File: BG030965.D

Acq: 12 Nov 2017 4:58

Instrument :

BNA_G

ClientSampleId :

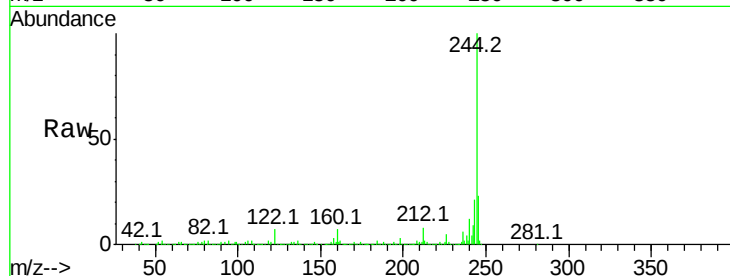
Tot Ion:244 Resp: 1737163

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

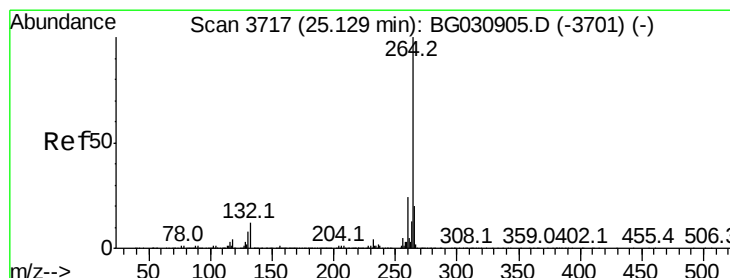
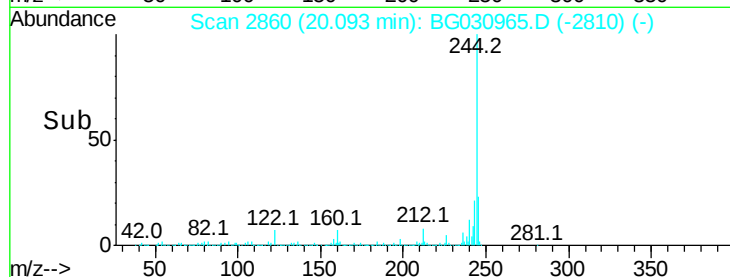
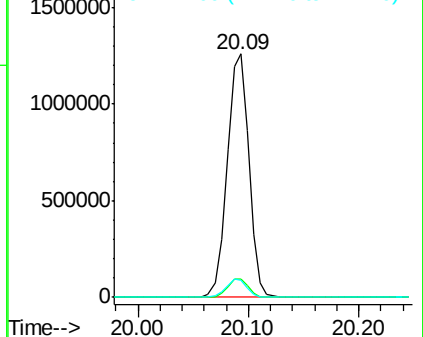
122 6.9 7.0 10.4#



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: 20.000 ng

RT: 25.08 min Scan# 3708

Delta R.T. -0.02 min

Lab File: BG030965.D

Acq: 12 Nov 2017 4:58

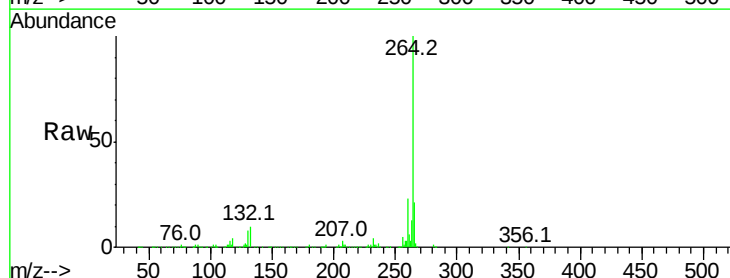
Tgt Ion:264 Resp: 438912

Ion Ratio Lower Upper

264 100

260 23.2 17.4 26.0

265 21.3 17.7 26.5



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

