

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041917\
 Data File : BG026663.D
 Acq On : 19 Apr 2017 19:32
 Operator : SJ/MA
 Sample : I2755-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-41

Quant Time: Apr 20 01:48:30 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 18 18:04:39 2017
 Response via : Initial Calibration

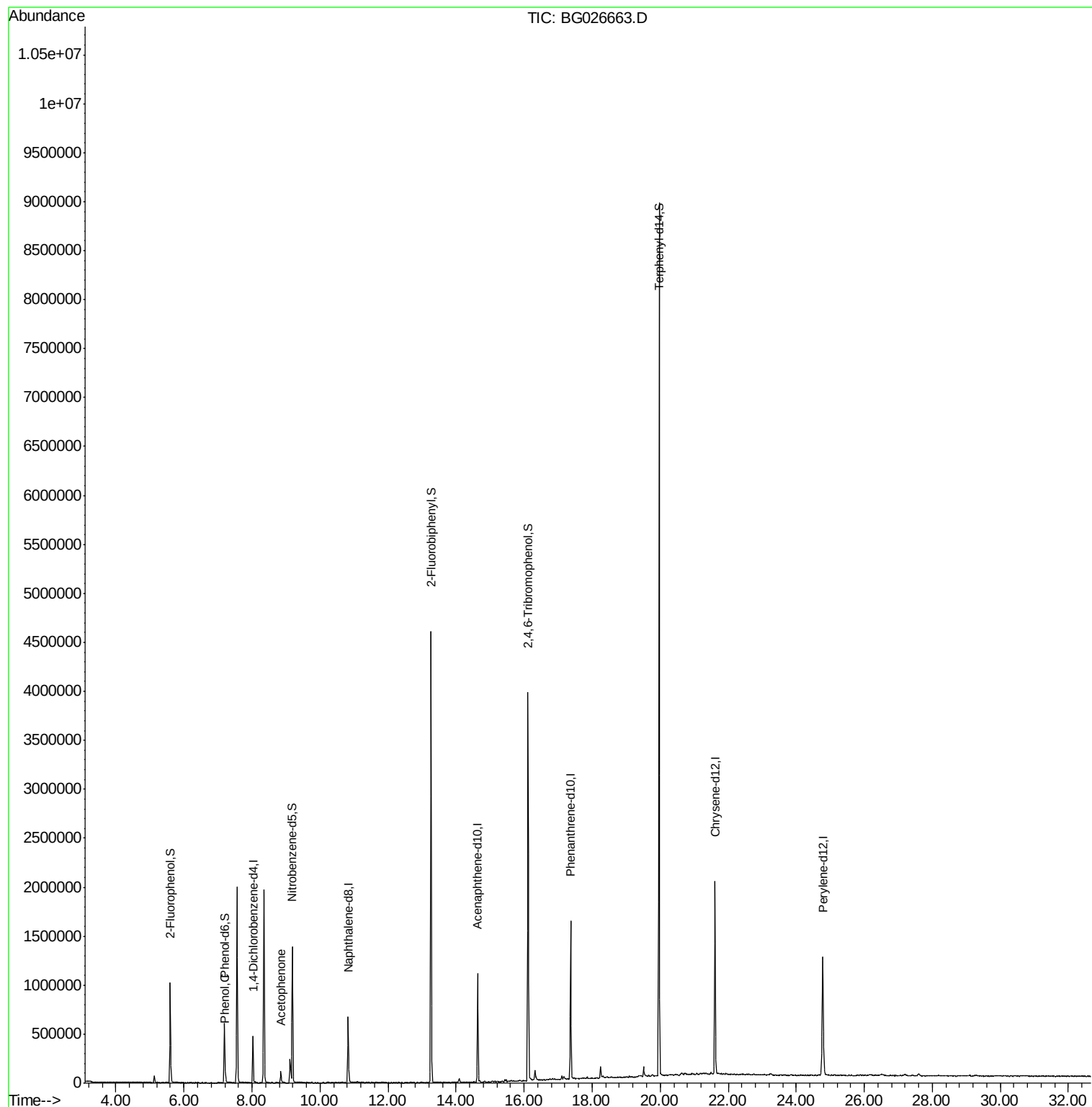
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	153564	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	657910	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	404046	20.00	ng	-0.02
63) Phenanthrene-d10	17.37	188	1084596	20.00	ng	-0.02
75) Chrysene-d12	21.61	240	1259172	20.00	ng	-0.02
86) Perylene-d12	24.78	264	1251628	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	545076	64.53	ng	-0.02
7) Phenol-d6	7.19	99	446133	40.30	ng	-0.02
23) Nitrobenzene-d5	9.19	82	916465	97.20	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	827944	147.06	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	2548152	93.93	ng	-0.02
78) Terphenyl-d14	19.97	244	3753919	88.01	ng	-0.02
Target Compounds						
10) Phenol	7.22	94	59701	4.96	ng	# 73
22) Acetophenone	8.85	105	81388	5.41	ng	# 74

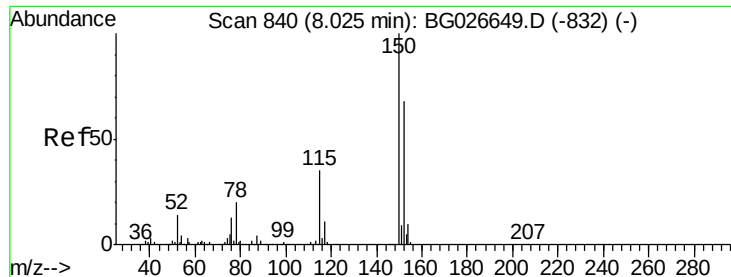
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.03 min Scan# 841

Delta R.T. -0.02 min

Lab File: BG026663.D

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BNA_G

ClientSampleId :

MH-41

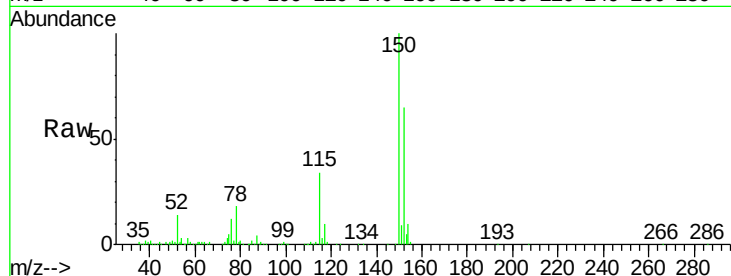
Tot Ion:152 Resp: 153564

Ion Ratio Lower Upper

152 100

150 153.0 114.0 171.0

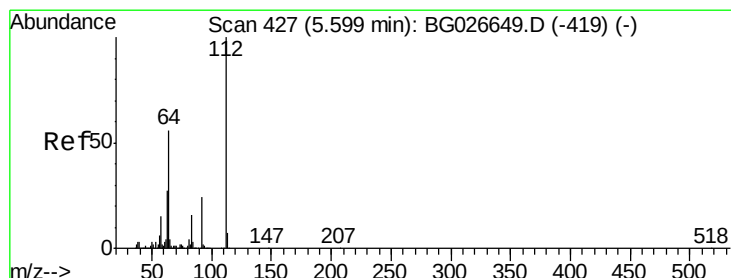
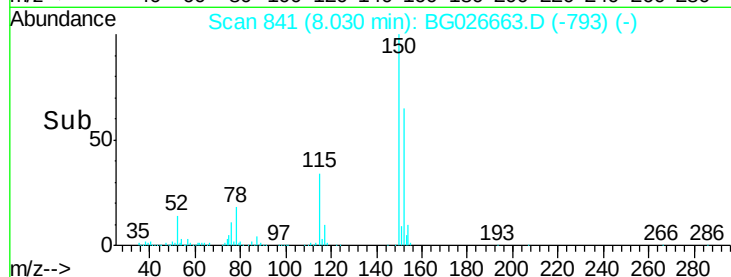
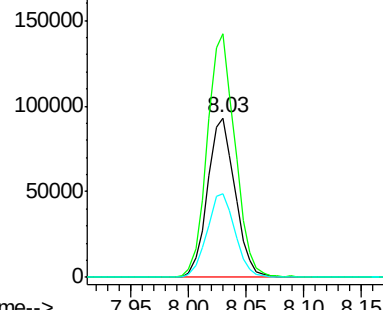
115 52.7 48.1 72.1



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: 64.53 ng

RT: 5.60 min Scan# 427

Delta R.T. -0.02 min

Lab File: BG026663.D

Acq: 19 Apr 2017 19:32

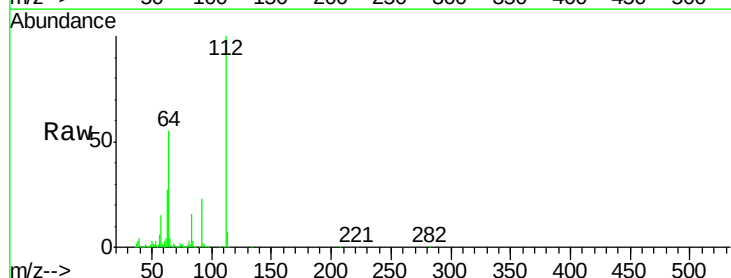
Tgt Ion:112 Resp: 545076

Ion Ratio Lower Upper

112 100

64 54.7 61.8 92.6#

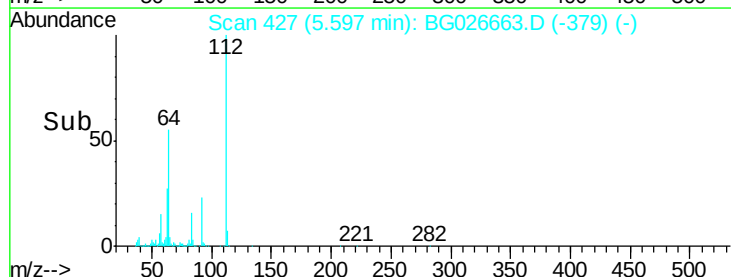
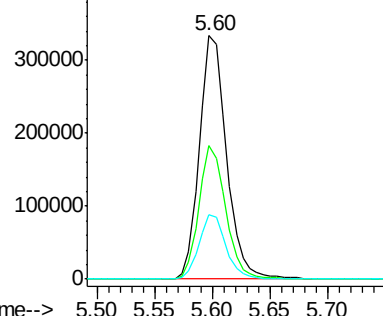
63 26.5 37.2 55.8#

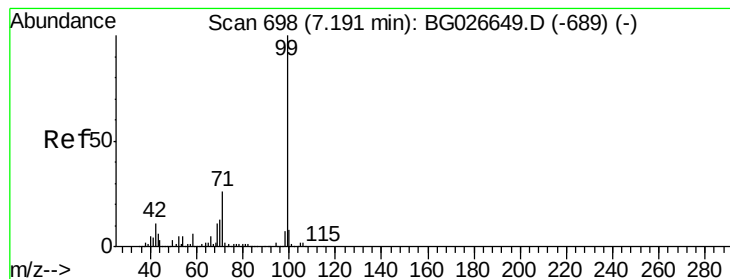


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 40.30 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.02 min

Lab File: BG026663.D

Acq: 19 Apr 2017 19:32

Instrument :

BNA_G

ClientSampleId :

MH-41

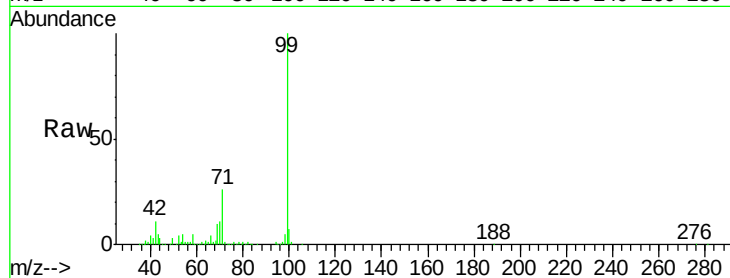
Tot Ion: 99 Resp: 446133

Ion Ratio Lower Upper

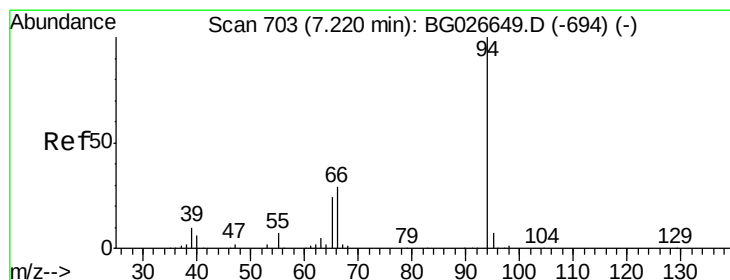
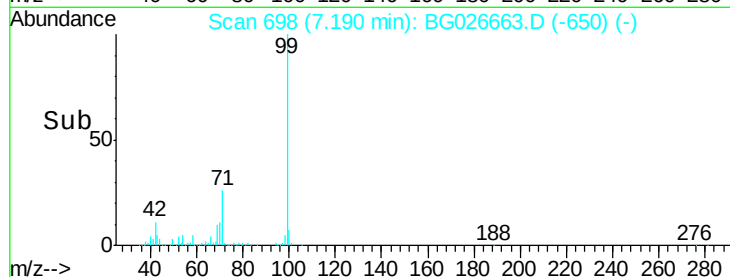
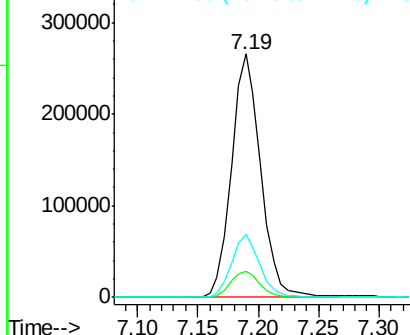
99 100

42 10.7 20.5 30.7#

71 25.9 37.6 56.4#



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: 4.96 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.02 min

Lab File: BG026663.D

Acq: 19 Apr 2017 19:32

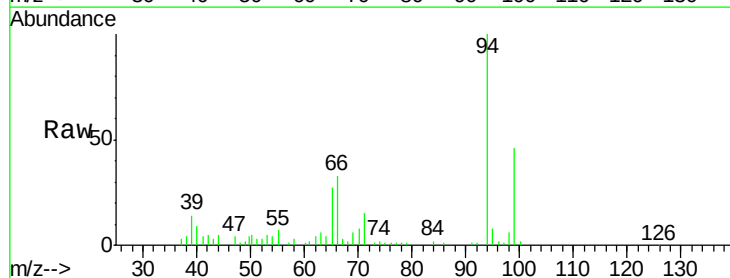
Tgt Ion: 94 Resp: 59701

Ion Ratio Lower Upper

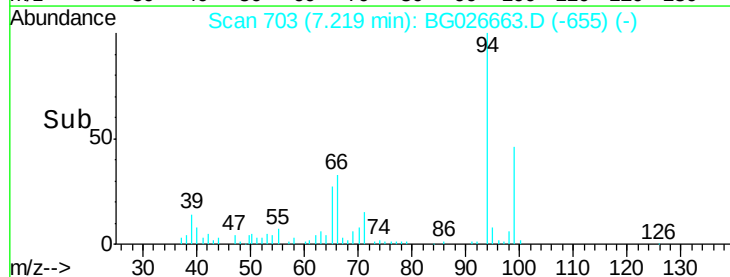
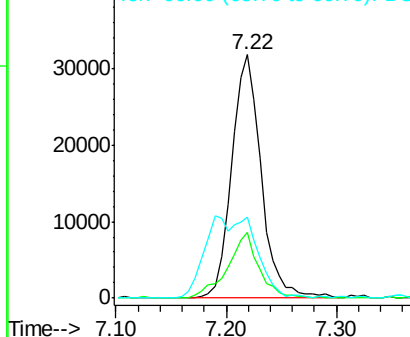
94 100

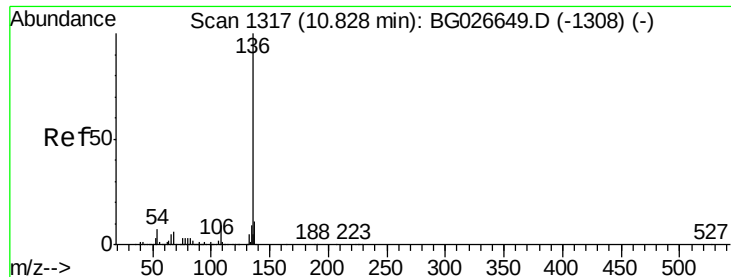
65 26.9 20.6 60.6

66 33.2 35.5 75.5#



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

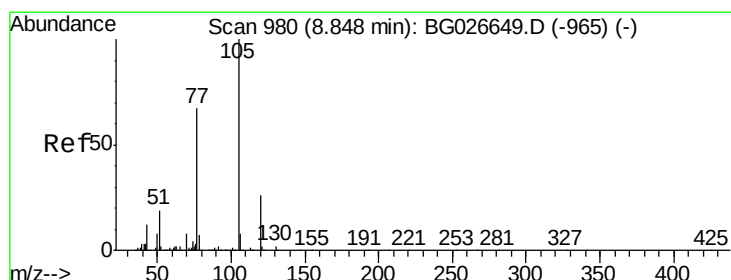
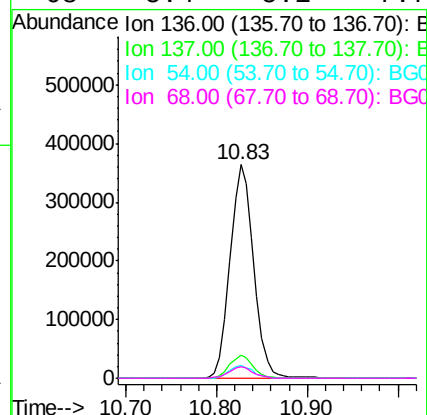
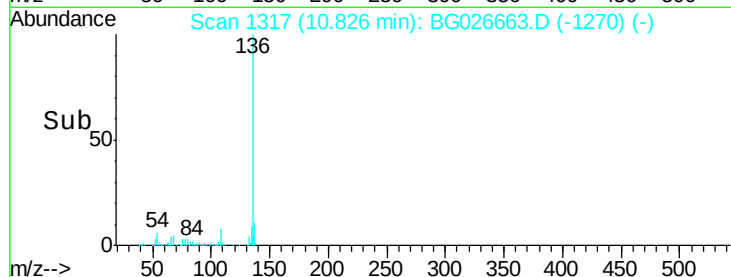
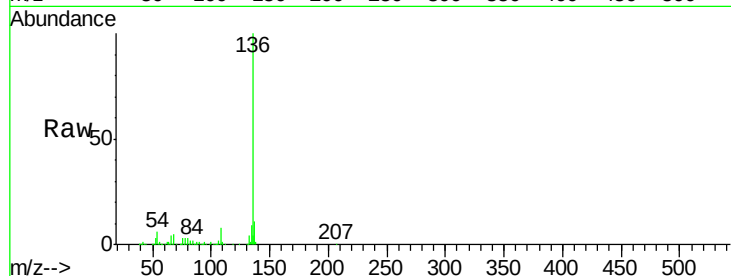




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BG026663.D
Acq: 19 Apr 2017 19:32

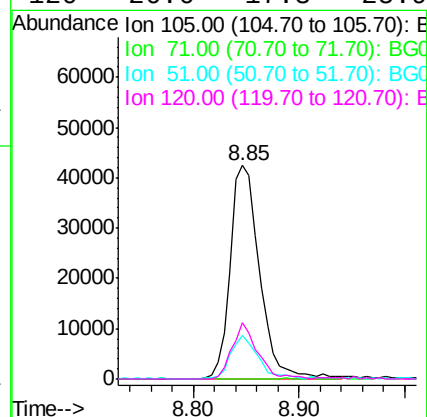
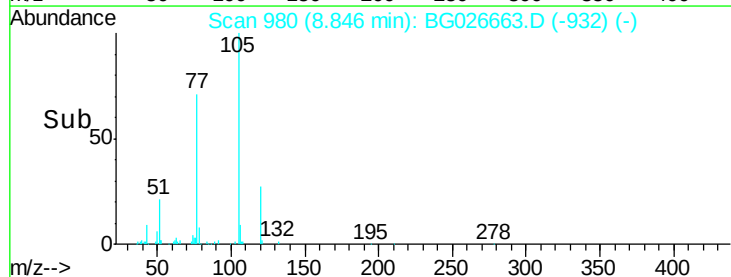
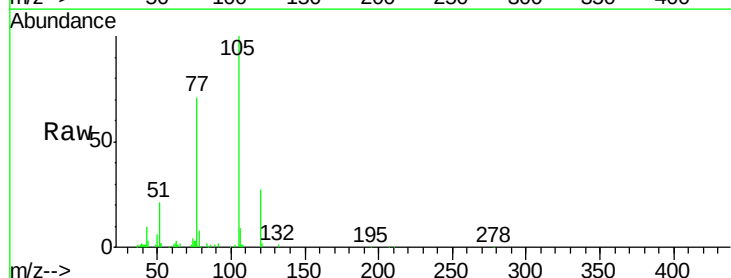
Instrument :
BNA_G
ClientSampled :
MH-41

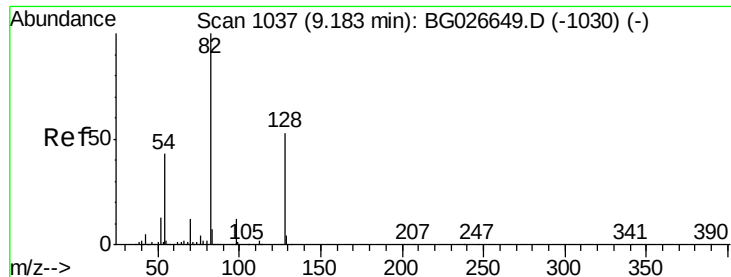
Tot Ion:136	Resp:	657910
Ion	Ratio	Lower Upper
136	100	
137	10.6	8.9 13.3
54	6.1	9.3 13.9#
68	5.4	5.1 7.7



#22
Acetophenone
Concen: 5.41 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.02 min
Lab File: BG026663.D
Acq: 19 Apr 2017 19:32

Tgt Ion:105	Resp:	81388
Ion	Ratio	Lower Upper
105	100	
71	0.0	0.9 1.3#
51	20.6	34.0 51.0#
120	26.6	17.3 25.9#

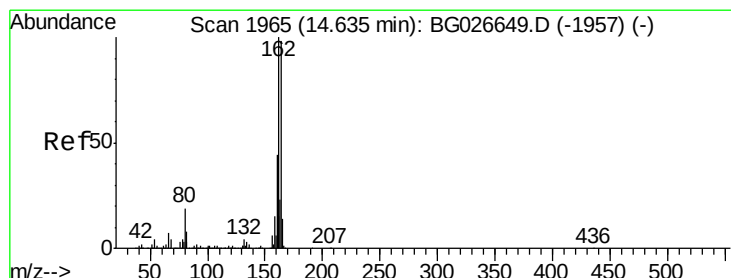
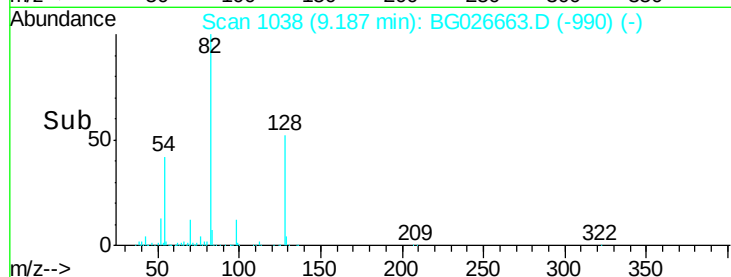
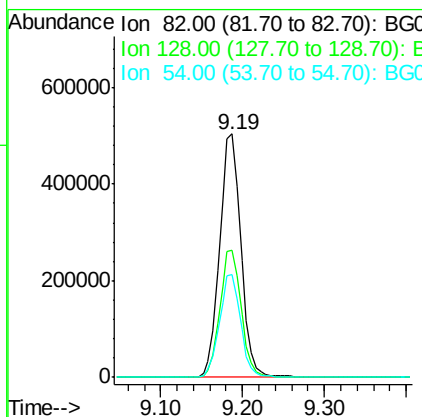
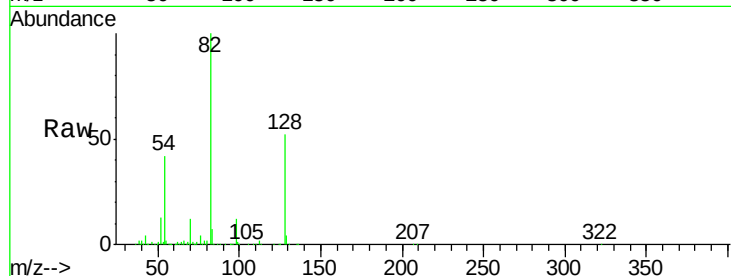




#23
Nitrobenzene-d5
Concen: 97.20 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BG026663.D
Acq: 19 Apr 2017 19:32

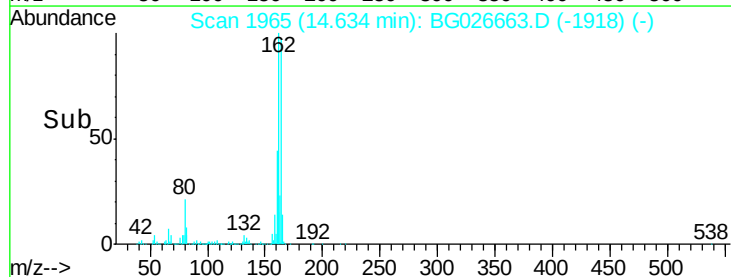
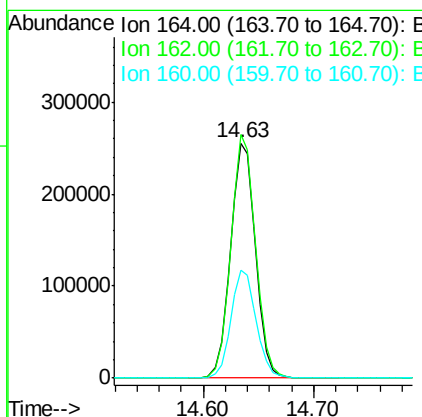
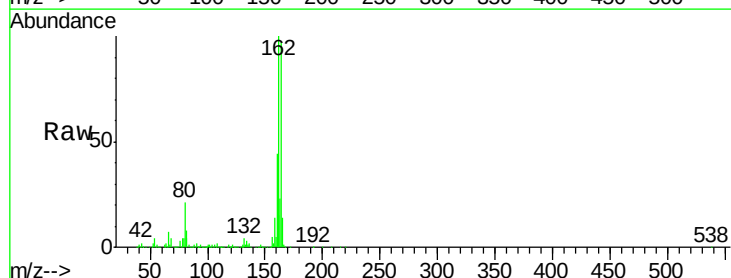
Instrument :
BNA_G
ClientSampleId :
MH-41

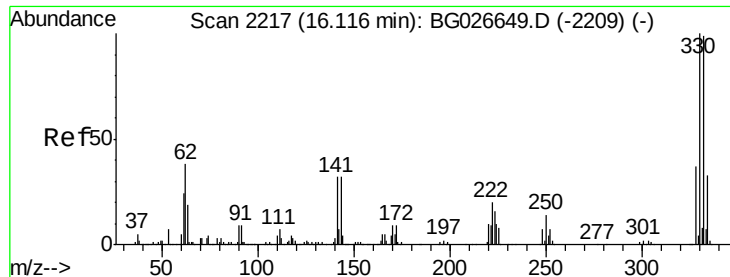
Tot Ion	82	Resp	916465
Ion Ratio	Lower	Upper	
82	100		
128	52.2	26.4	39.6#
54	42.1	49.4	74.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.63 min Scan# 1965
Delta R.T. -0.02 min
Lab File: BG026663.D
Acq: 19 Apr 2017 19:32

Tgt Ion	164	Resp	404046
Ion Ratio	Lower	Upper	
164	100		
162	103.6	85.1	127.7
160	46.0	34.7	52.1

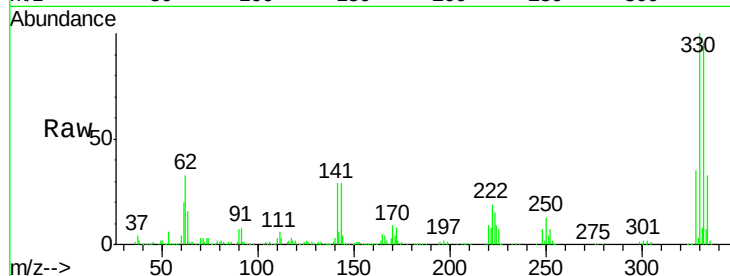




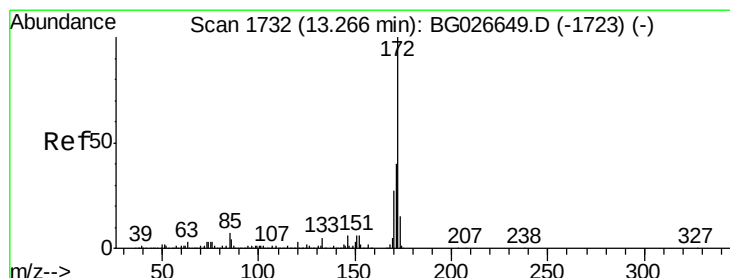
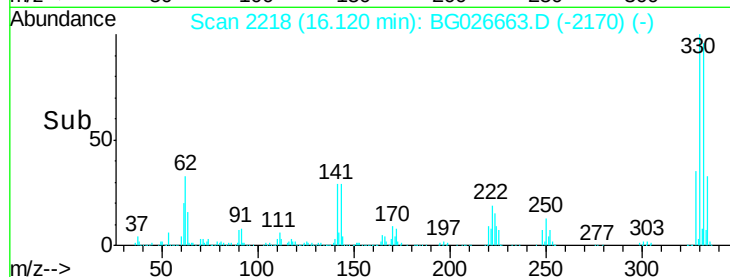
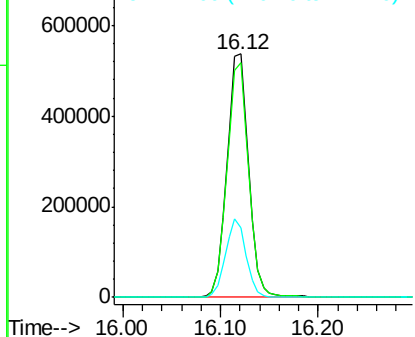
#41
 2,4,6-Tribromophenol
 Concen: 147.06 ng
 RT: 16.12 min Scan# 2218
 Delta R.T. -0.02 min
 Lab File: BG026663.D
 Acq: 19 Apr 2017 19:32

Instrument :
 BNA_G
 ClientSampleId :
 MH-41

Tot Ion:330 Resp: 827944
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.3 115.9
 141 30.9 32.1 48.1#

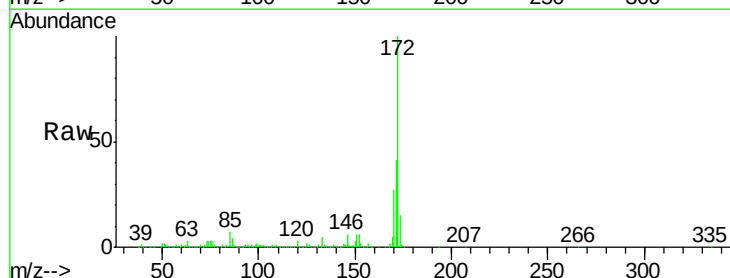


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

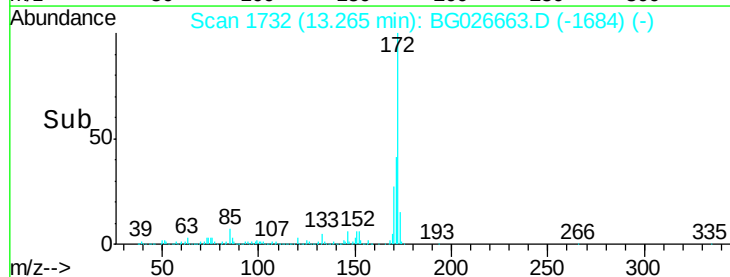
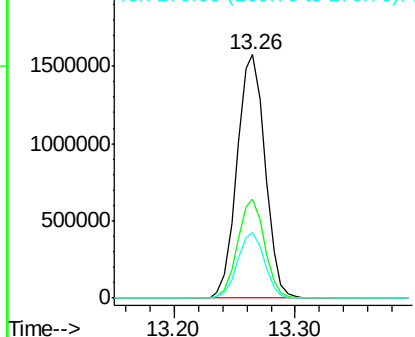


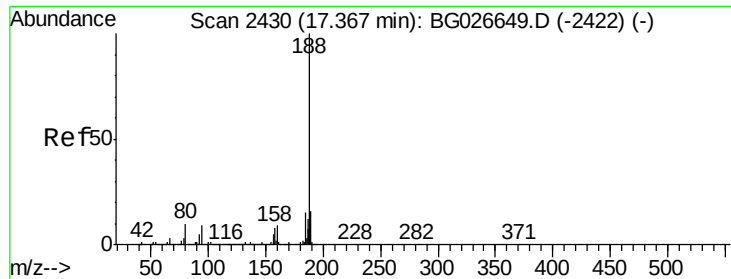
#44
 2-Fluorobiphenyl
 Concen: 93.93 ng
 RT: 13.26 min Scan# 1732
 Delta R.T. -0.02 min
 Lab File: BG026663.D
 Acq: 19 Apr 2017 19:32

Tgt Ion:172 Resp: 2548152
 Ion Ratio Lower Upper
 172 100
 171 40.6 32.2 48.2
 170 27.0 21.8 32.6



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

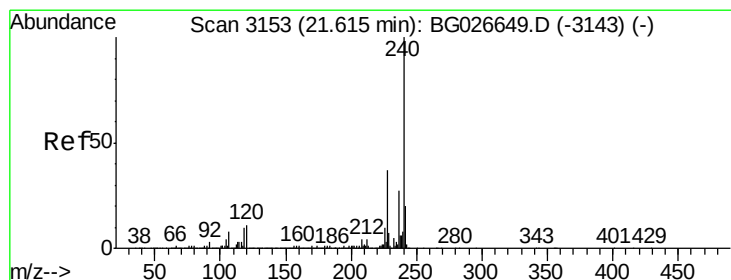
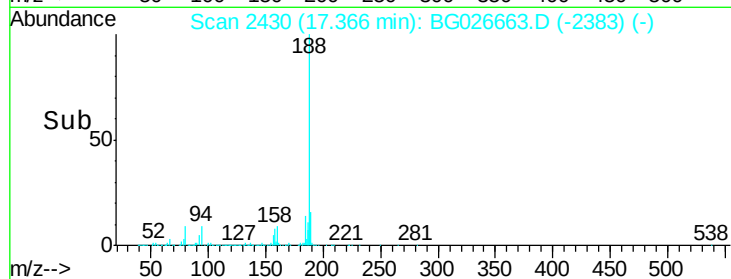
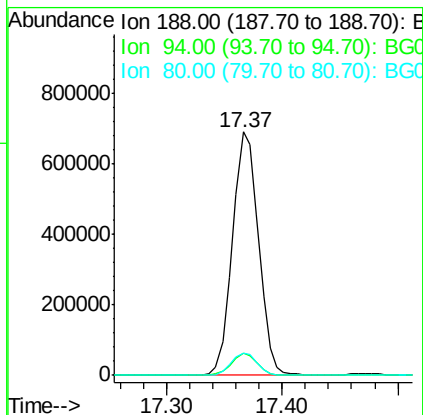
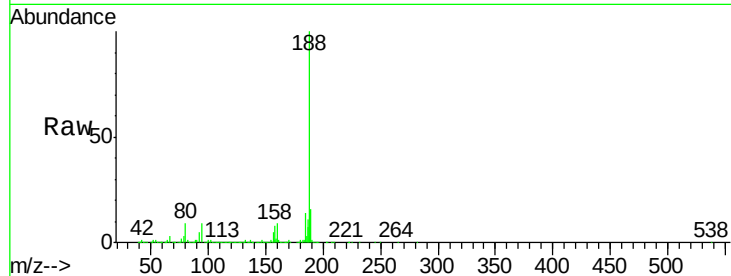




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.37 min Scan# 2430
Delta R.T. -0.02 min
Lab File: BG026663.D
Acq: 19 Apr 2017 19:32

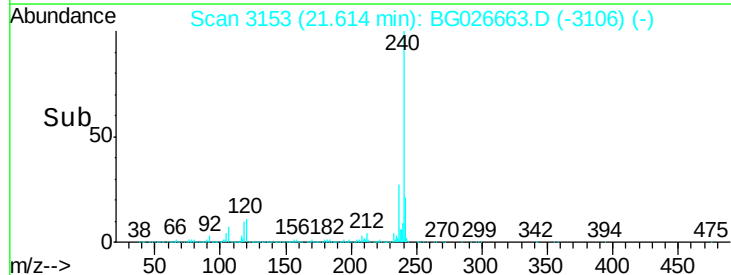
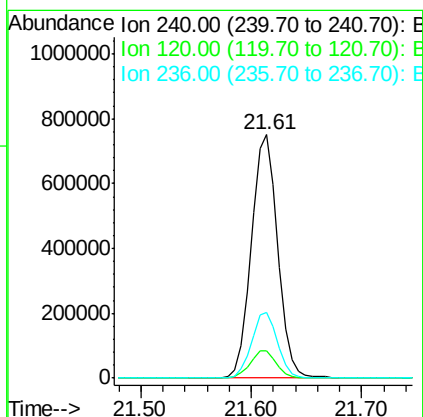
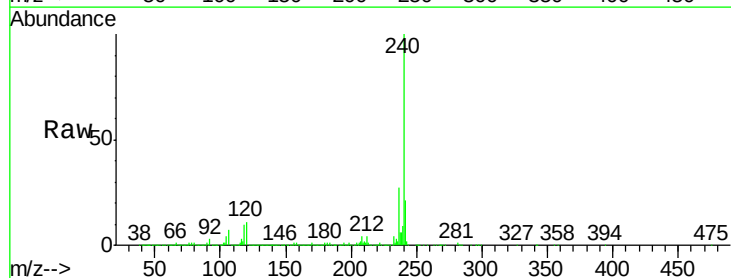
Instrument :
BNA_G
ClientSampled :
MH-41

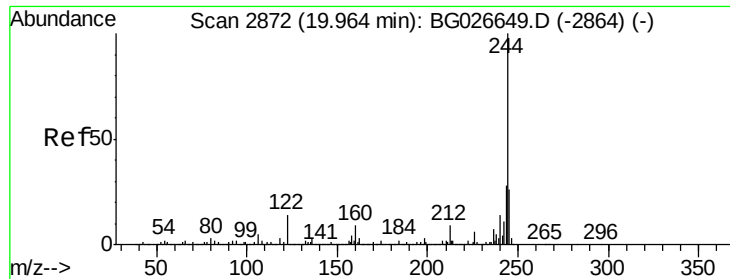
Tot Ion:188 Resp: 1084596
Ion Ratio Lower Upper
188 100
94 9.2 5.8 8.8#
80 9.0 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.61 min Scan# 3153
Delta R.T. -0.02 min
Lab File: BG026663.D
Acq: 19 Apr 2017 19:32

Tgt Ion:240 Resp: 1259172
Ion Ratio Lower Upper
240 100
120 11.3 5.7 8.5#
236 27.1 22.2 33.4





#78

Terphenyl-d14

Concen: 88.01 ng

RT: 19.97 min Scan# 2873

Delta R.T. -0.02 min

Lab File: BG026663.D

Acq: 19 Apr 2017 19:32

Instrument :

BNA_G

ClientSampleId :

MH-41

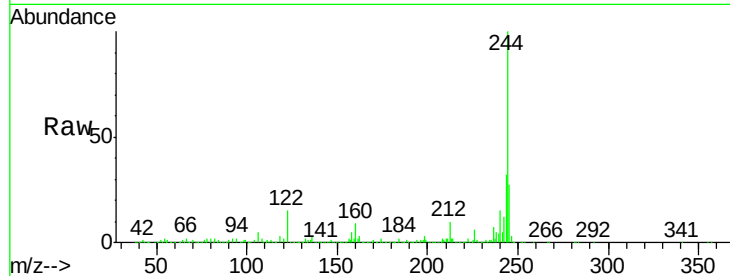
Tot Ion:244 Resp: 3753919

Ion Ratio Lower Upper

244 100

212 9.9 10.0 15.0#

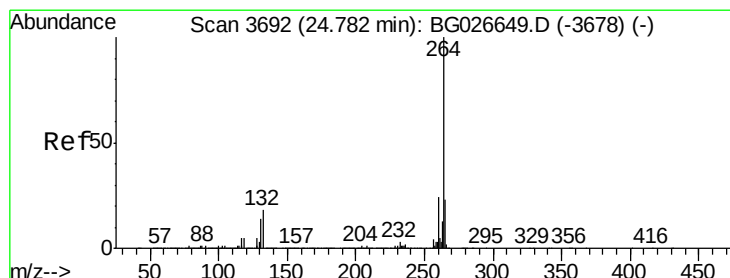
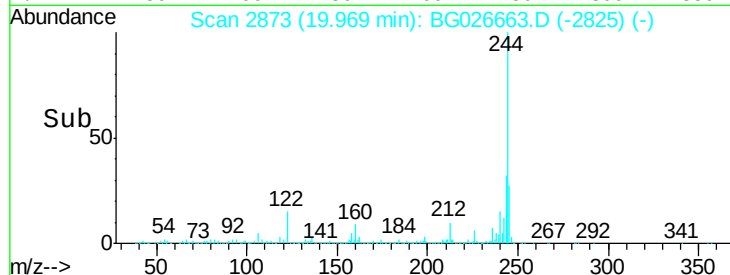
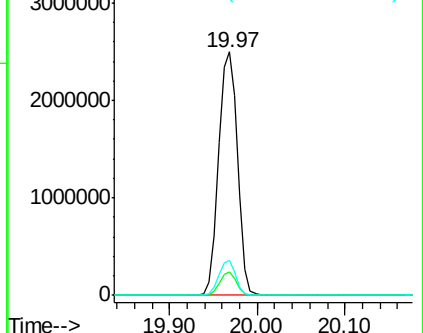
122 14.6 8.6 12.8#



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: 24.78 min Scan# 3692

Delta R.T. -0.04 min

Lab File: BG026663.D

Acq: 19 Apr 2017 19:32

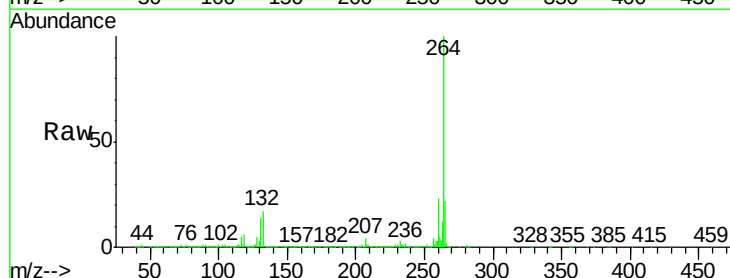
Tgt Ion:264 Resp: 1251628

Ion Ratio Lower Upper

264 100

260 23.1 21.8 32.8

265 22.1 18.2 27.4



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

