

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091417\
 Data File : BG028765.D
 Acq On : 15 Sep 2017 12:34
 Operator : SJ/JU
 Sample : I5226-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 15 13:09:02 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

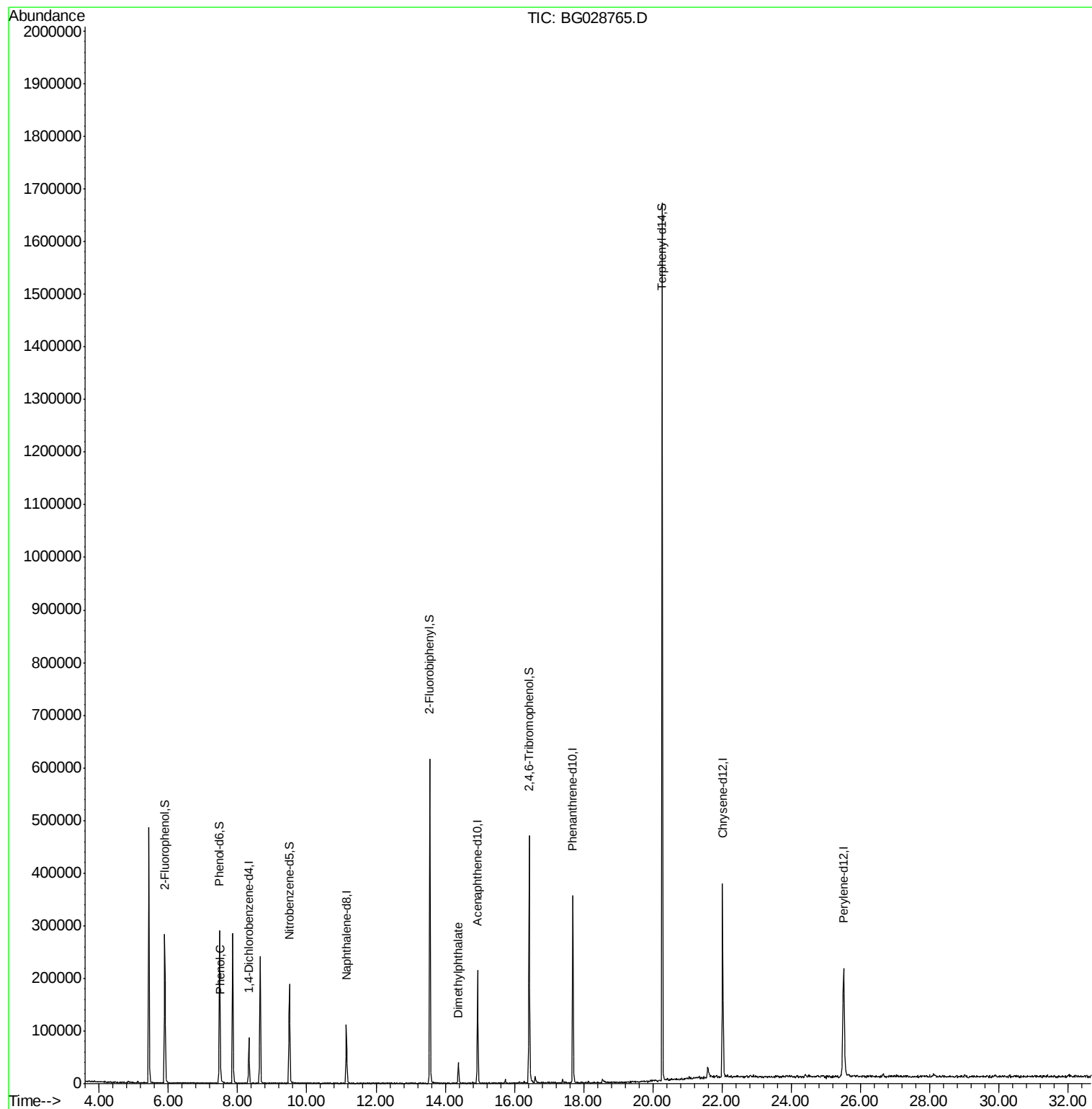
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	24893	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	102459	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	81986	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	242441	20.00	ng	0.00
75) Chrysene-d12	22.02	240	277399	20.00	ng	-0.01
86) Perylene-d12	25.51	264	284604	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	123283	81.72	ng	0.00
7) Phenol-d6	7.48	99	181048	79.71	ng	0.00
23) Nitrobenzene-d5	9.50	82	128239	59.87	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	106724	78.71	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	351348	57.14	ng	0.00
78) Terphenyl-d14	20.27	244	768647	59.09	ng	0.00
Target Compounds						
10) Phenol	7.51	94	5228	2.181	ng	92
49) Dimethylphthalate	14.38	163	31373	4.563	ng	# 92

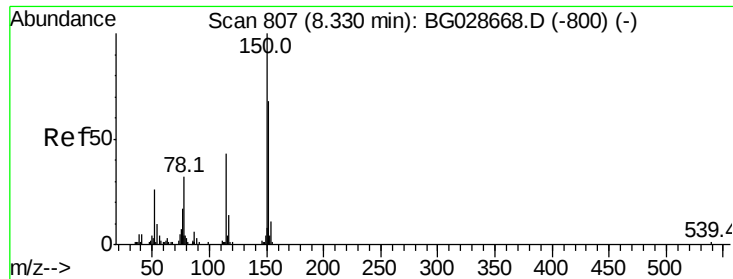
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.33 min Scan# 807

Delta R.T. -0.00 min

Lab File: BG028765.D

Acq: 15 Sep 2017 12:34

Instrument :

BNA_G

ClientSampled :

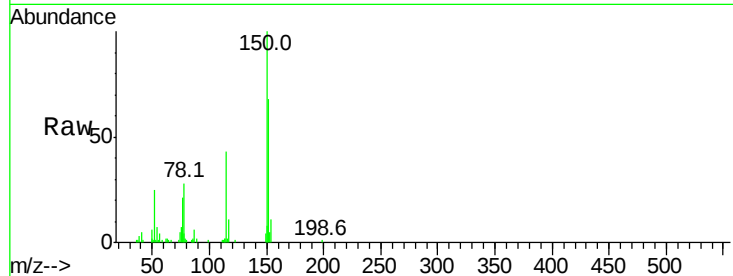
Tot Ion:152 Resp: 24893

Ion Ratio Lower Upper

152 100

150 146.9 114.0 171.0

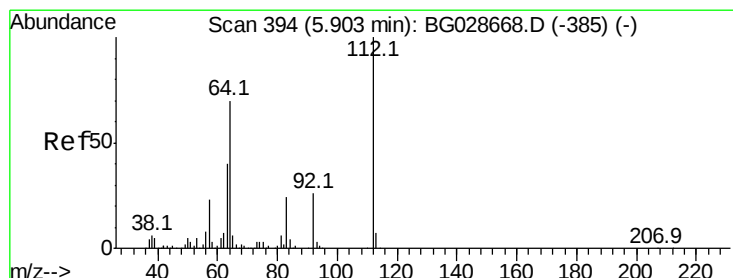
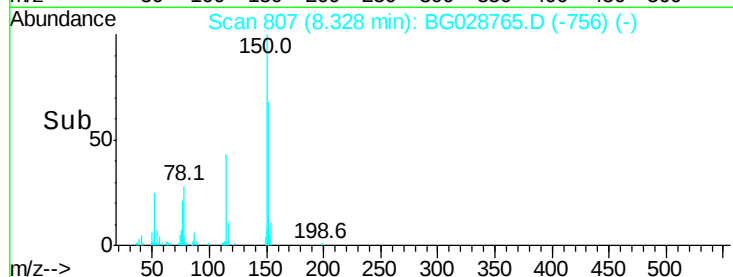
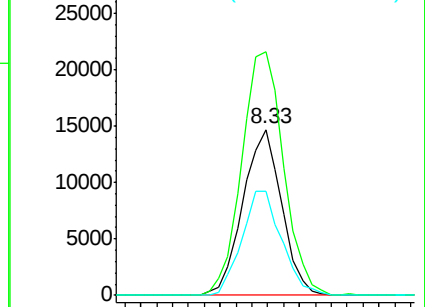
115 62.7 48.1 72.1



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: 81.719 ng

RT: 5.90 min Scan# 393

Delta R.T. -0.01 min

Lab File: BG028765.D

Acq: 15 Sep 2017 12:34

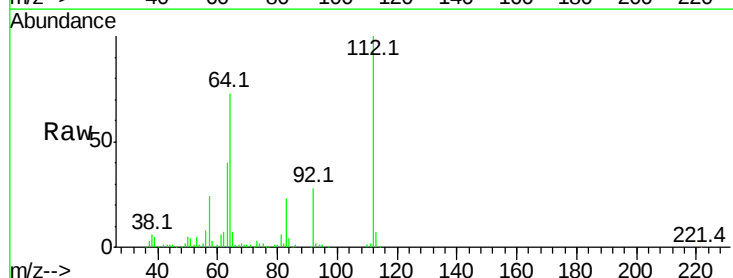
Tgt Ion:112 Resp: 123283

Ion Ratio Lower Upper

112 100

64 72.8 61.8 92.6

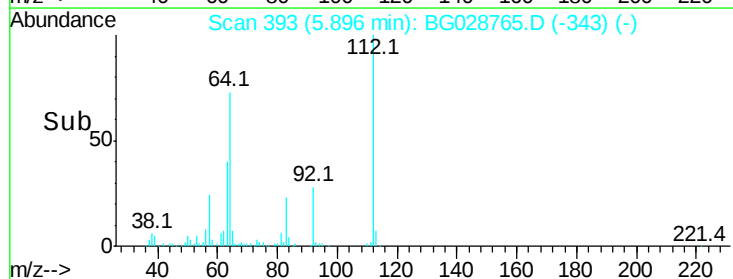
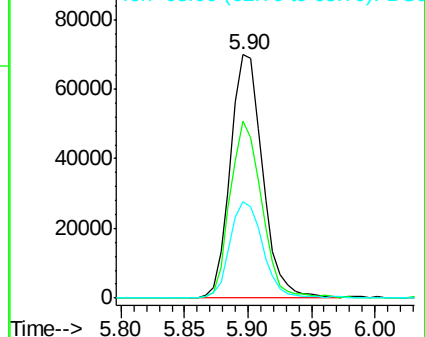
63 39.8 37.2 55.8

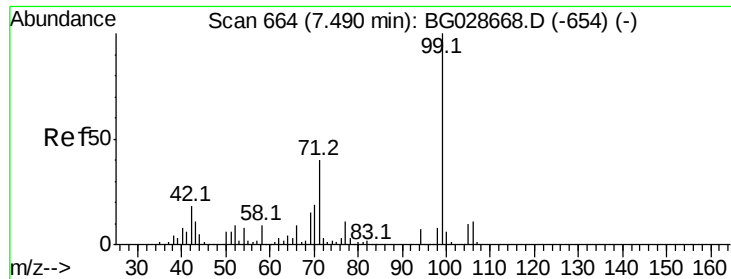


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 79.707 ng

RT: 7.48 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG028765.D

Acq: 15 Sep 2017 12:34

Instrument :

BNA_G

ClientSampleId :

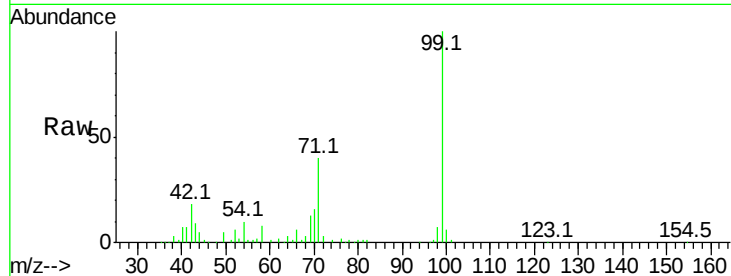
Tot Ion: 99 Resp: 181048

Ion Ratio Lower Upper

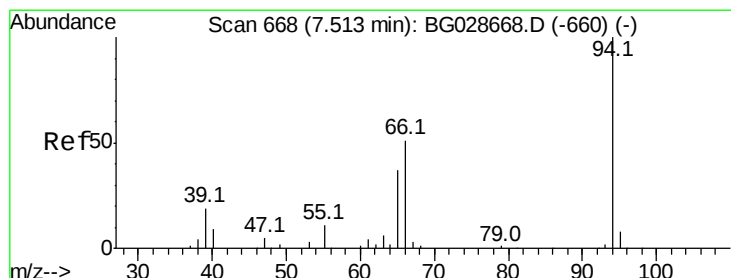
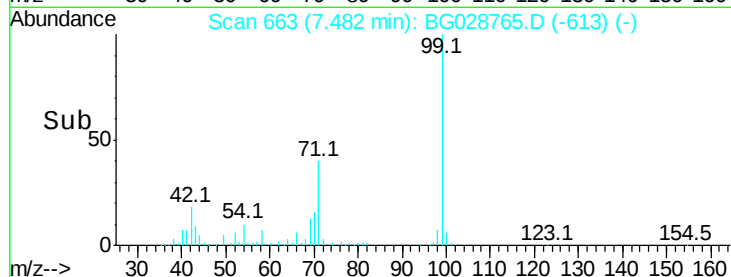
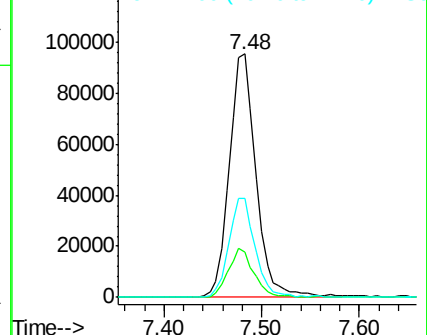
99 100

42 18.4 20.5 30.7#

71 40.5 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: 2.181 ng

RT: 7.51 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG028765.D

Acq: 15 Sep 2017 12:34

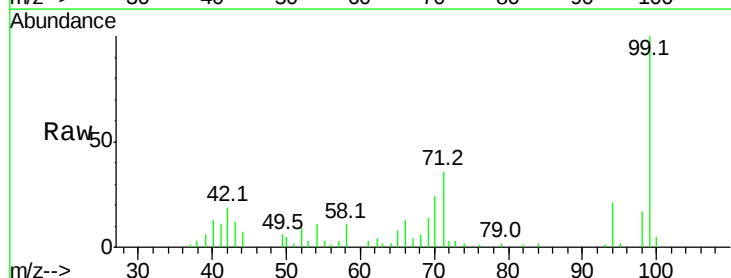
Tgt Ion: 94 Resp: 5228

Ion Ratio Lower Upper

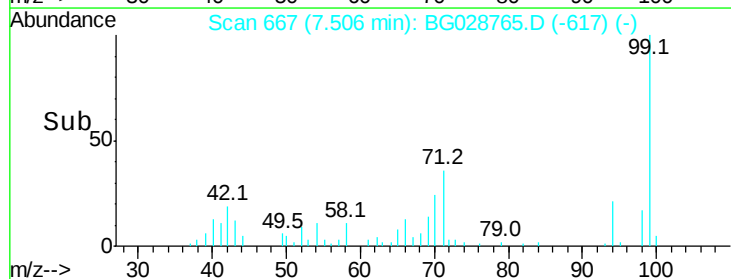
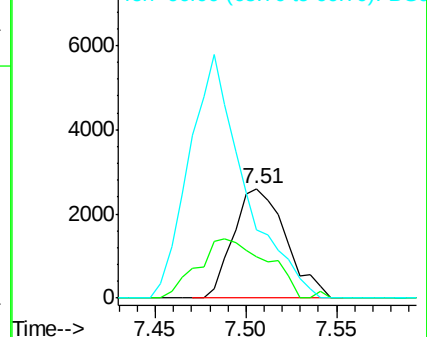
94 100

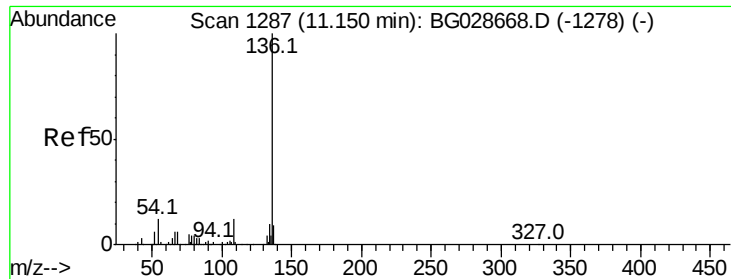
65 37.5 20.6 60.6

66 62.7 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

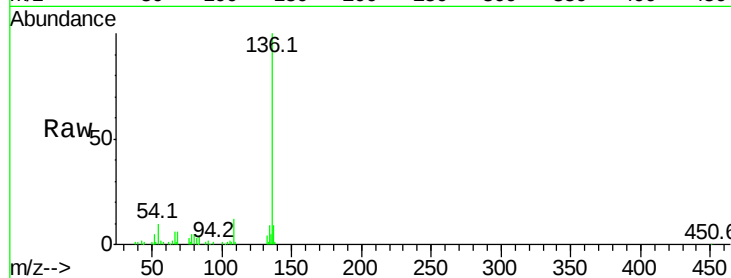




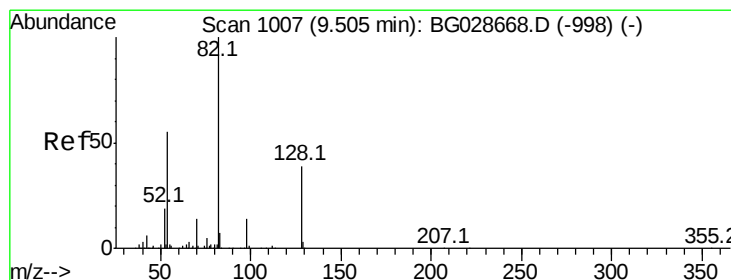
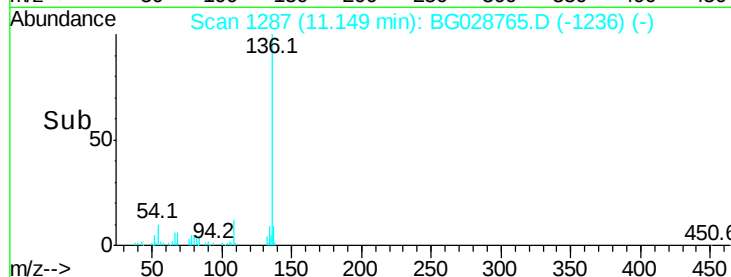
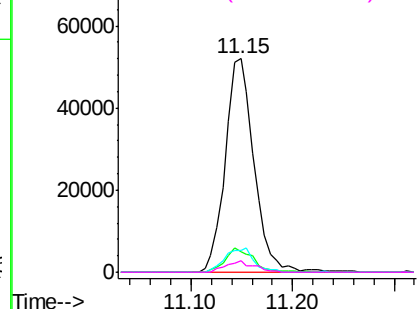
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.15 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BG028765.D
Acq: 15 Sep 2017 12:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	102459	
Ion Ratio	Lower	Upper	
136 100			
137 9.4	8.9	13.3	
54 10.4	9.3	13.9	
68 5.6	5.1	7.7	

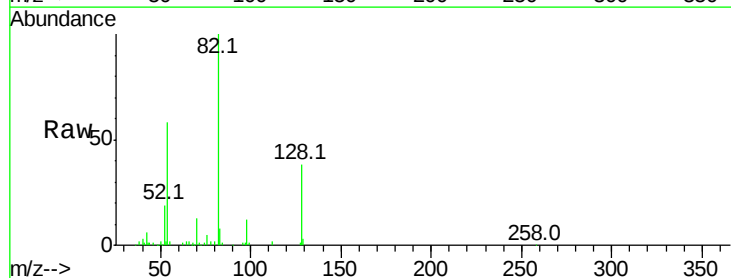


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

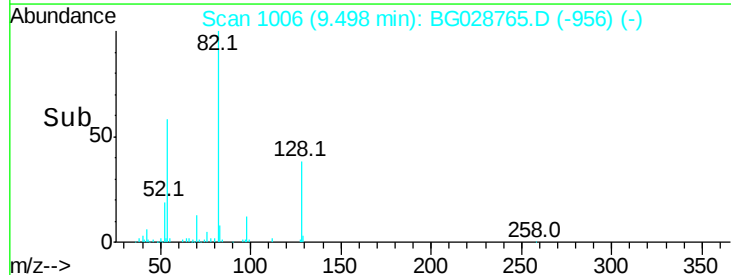
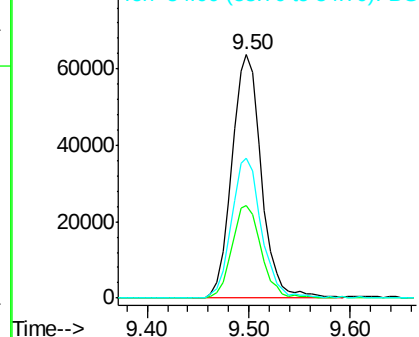


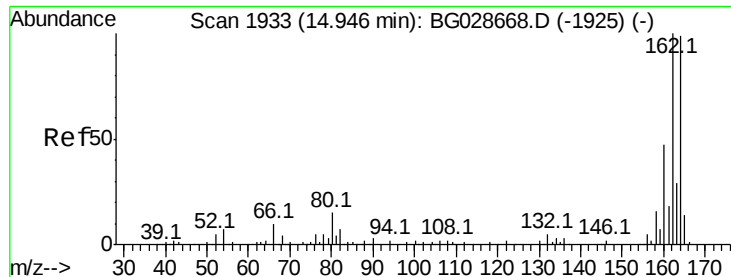
#23
Nitrobenzene-d5
Concen: 59.874 ng
RT: 9.50 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG028765.D
Acq: 15 Sep 2017 12:34

Tgt Ion: 82	Resp: 128239
Ion Ratio	Lower Upper
82 100	
128 37.9	26.4 39.6
54 57.6	49.4 74.2



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

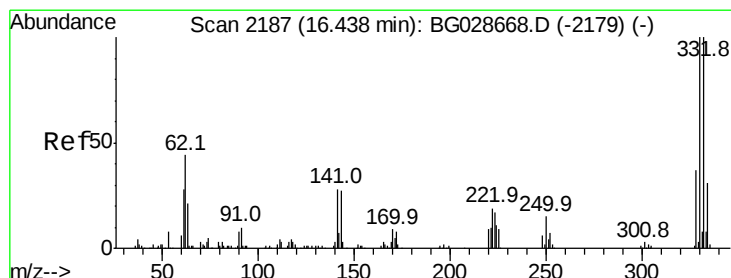
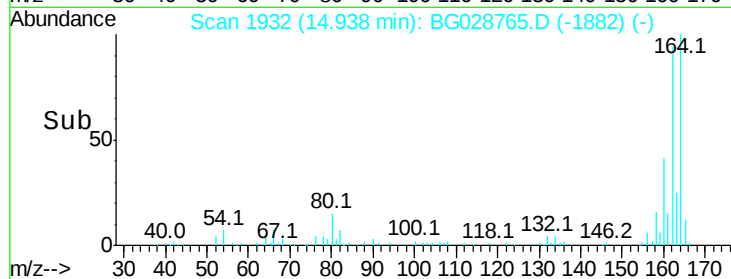
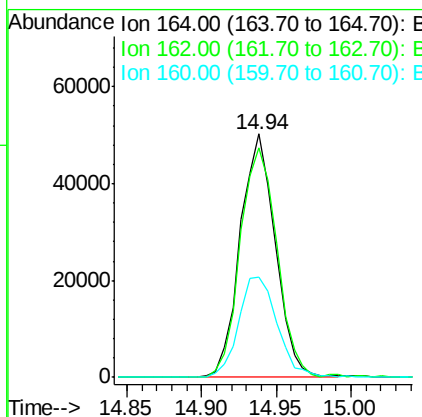
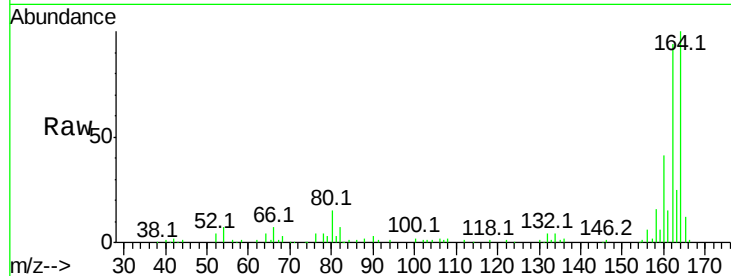




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.94 min Scan# 1932
 Delta R.T. -0.01 min
 Lab File: BG028765.D
 Acq: 15 Sep 2017 12:34

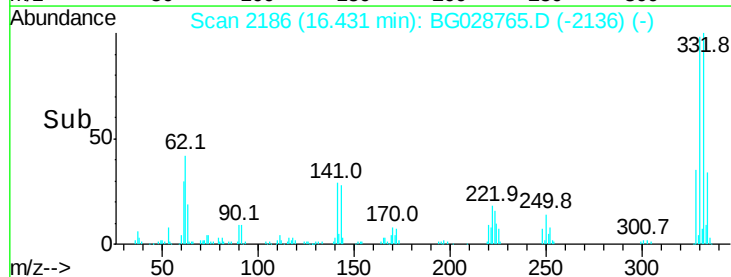
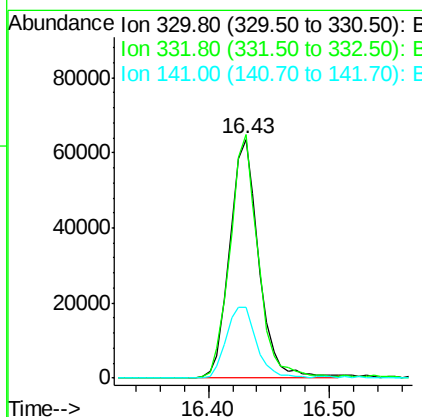
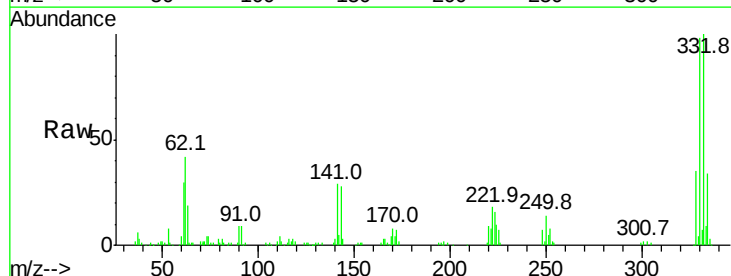
Instrument :
 BNA_G
 ClientSampleId :

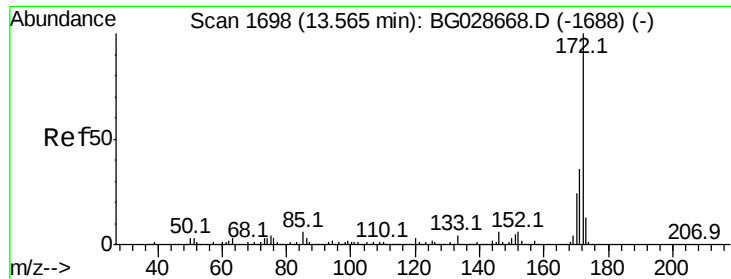
Tot Ion:164 Resp: 81986
 Ion Ratio Lower Upper
 164 100
 162 94.0 85.1 127.7
 160 41.1 34.7 52.1



#41
 2,4,6-Tribromophenol
 Concen: 78.705 ng
 RT: 16.43 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: BG028765.D
 Acq: 15 Sep 2017 12:34

Tgt Ion:330 Resp: 106724
 Ion Ratio Lower Upper
 330 100
 332 99.2 77.3 115.9
 141 31.1 32.1 48.1#

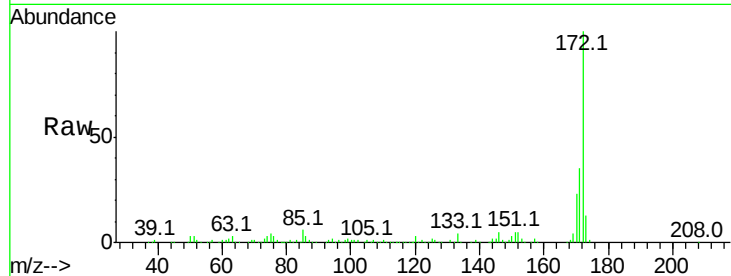




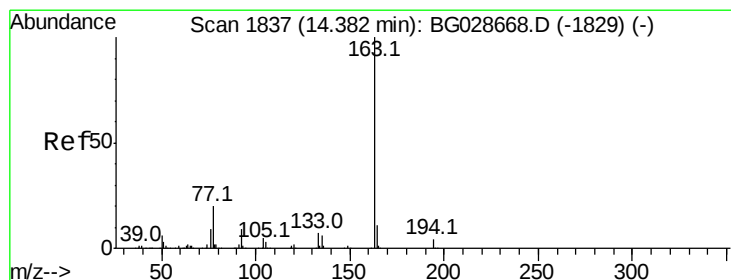
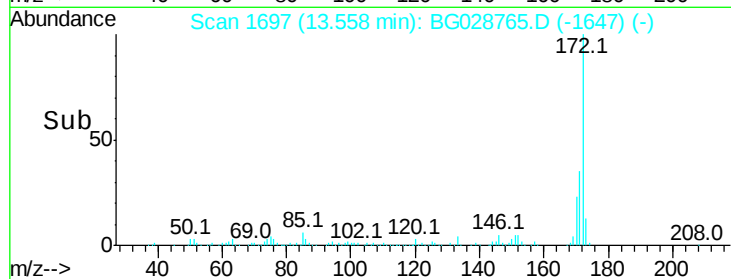
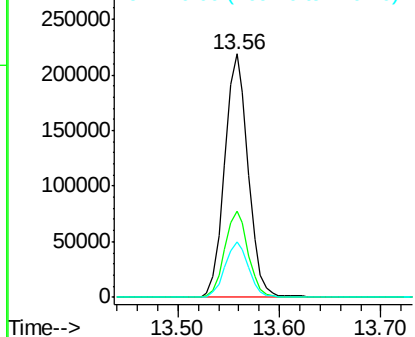
#44
2-Fluorobiphenyl
Concen: 57.143 ng
RT: 13.56 min Scan# 1697
Delta R.T. -0.01 min
Lab File: BG028765.D
Acq: 15 Sep 2017 12:34

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	32.2	48.2
170	22.8	21.8	32.6

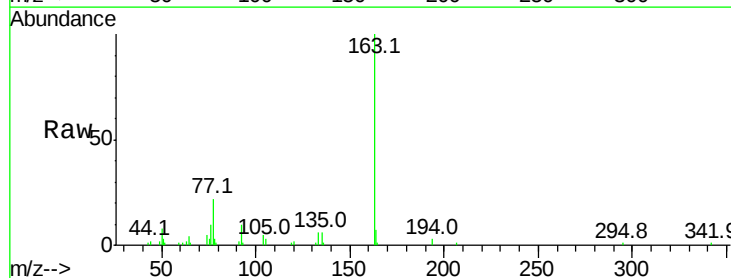


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

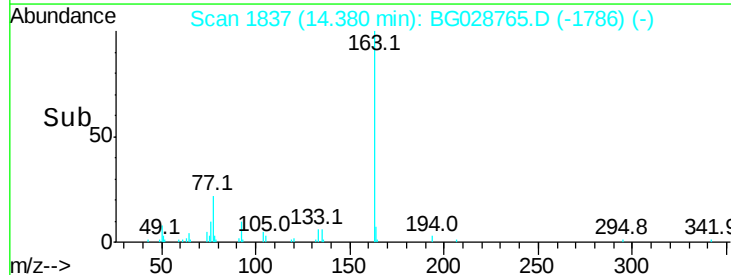
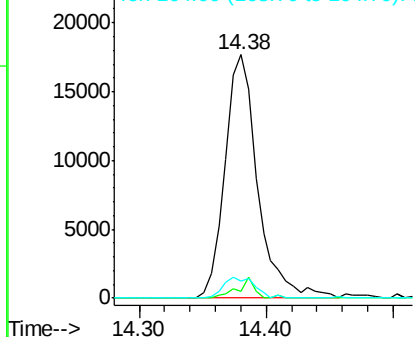


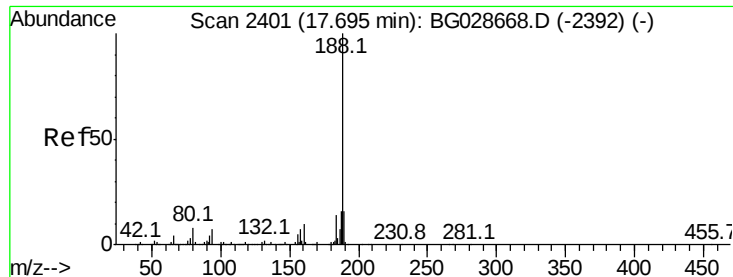
#49
Dimethylphthalate
Concen: 4.563 ng
RT: 14.38 min Scan# 1837
Delta R.T. -0.00 min
Lab File: BG028765.D
Acq: 15 Sep 2017 12:34

Tgt Ion	Ratio	Lower	Upper
163	100		
194	2.6	3.8	5.6#
164	8.5	9.3	13.9#



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: 20.000 ng

RT: 17.69 min Scan# 2400

Delta R.T. -0.01 min

Lab File: BG028765.D

Acq: 15 Sep 2017 12:34

Instrument :

BNA_G

ClientSampleId :

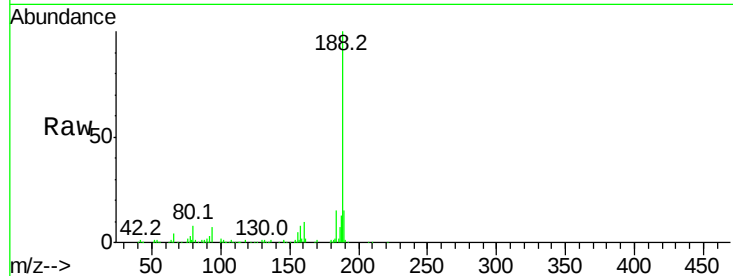
Tot Ion:188 Resp: 242441

Ion Ratio Lower Upper

188 100

94 6.7 5.8 8.8

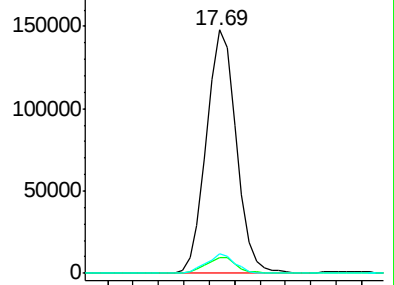
80 8.0 7.5 11.3



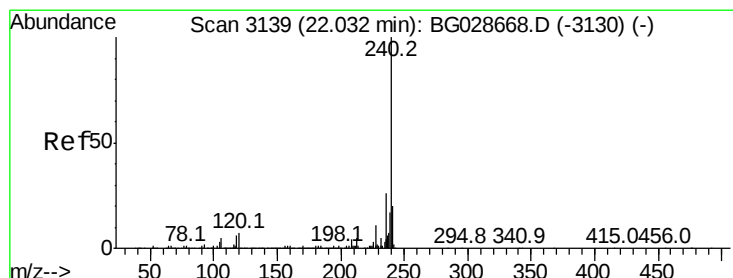
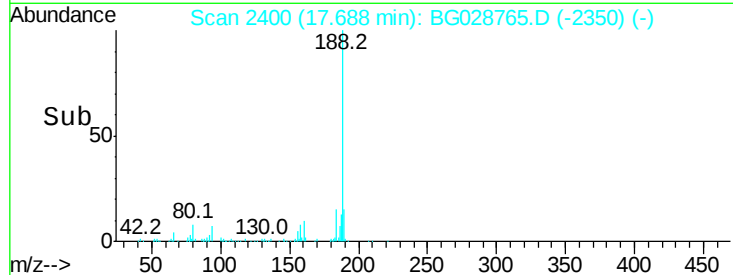
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time--> 17.60 17.70



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.02 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BG028765.D

Acq: 15 Sep 2017 12:34

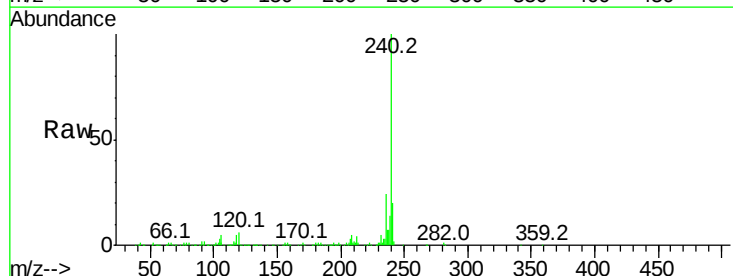
Tgt Ion:240 Resp: 277399

Ion Ratio Lower Upper

240 100

120 5.9 5.7 8.5

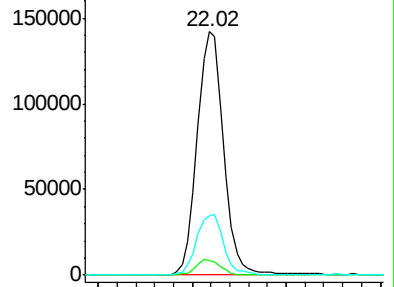
236 24.3 22.2 33.4



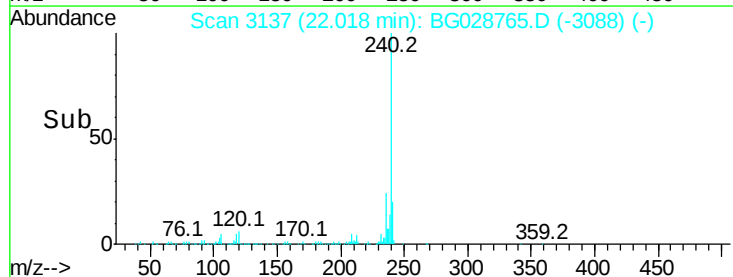
Abundance Ion 240.00 (239.70 to 240.70): E

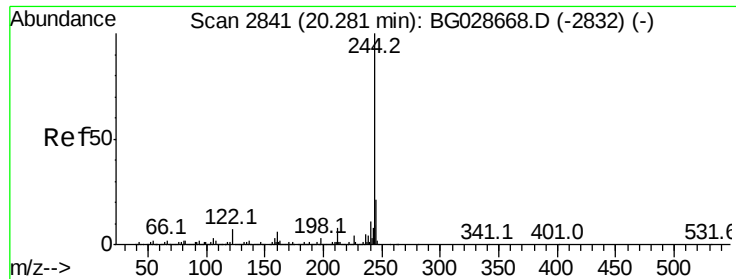
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.90 22.00 22.10





#78

Terphenyl-d14

Concen: 59.091 ng

RT: 20.27 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BG028765.D

Acq: 15 Sep 2017 12:34

Instrument :

BNA_G

ClientSampleId :

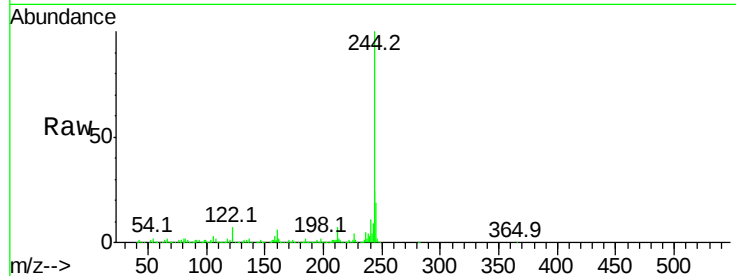
Tot Ion:244 Resp: 768647

Ion Ratio Lower Upper

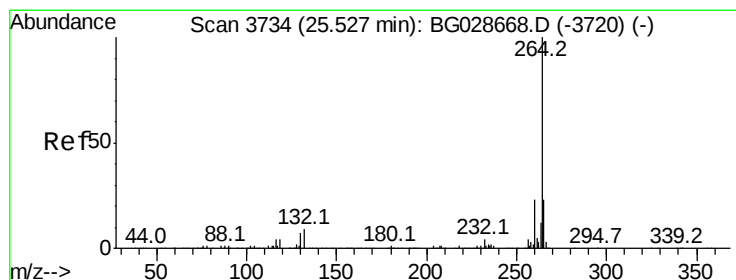
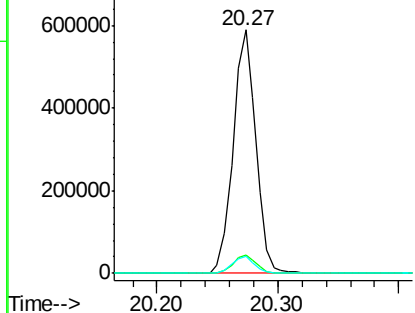
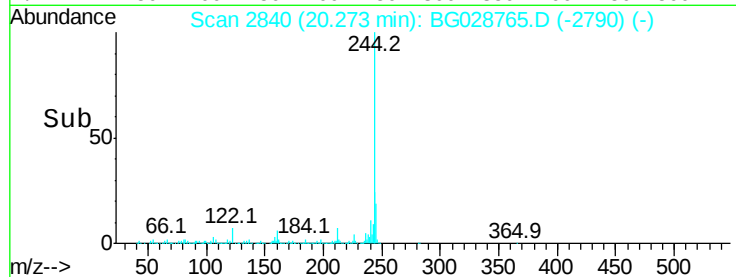
244 100

212 7.5 10.0 15.0#

122 7.0 8.6 12.8#



Abundance Ion 244.00 (243.70 to 244.70): E
800000
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: 25.51 min Scan# 3732

Delta R.T. -0.01 min

Lab File: BG028765.D

Acq: 15 Sep 2017 12:34

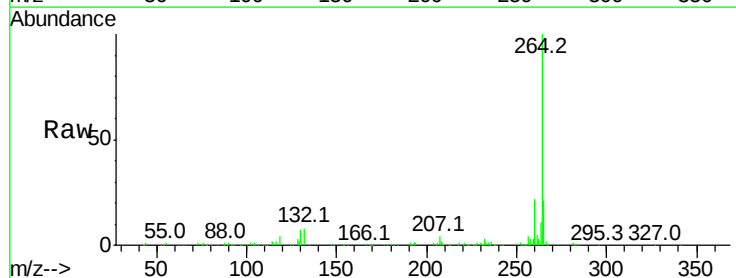
Tgt Ion:264 Resp: 284604

Ion Ratio Lower Upper

264 100

260 21.5 21.8 32.8#

265 20.7 18.2 27.4



Abundance Ion 264.00 (263.70 to 264.70): E
120000
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

