

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 :
 266-323

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

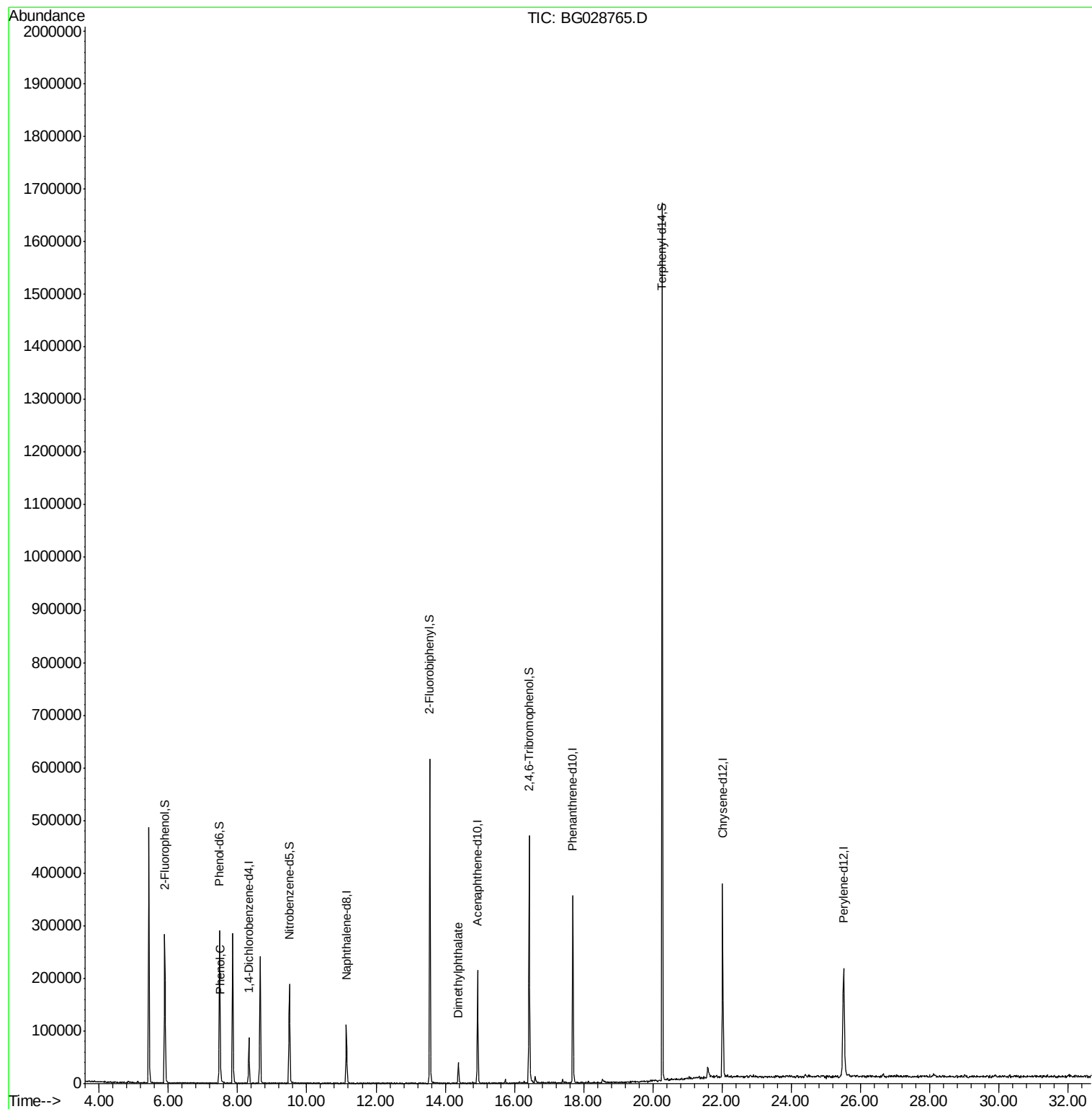
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	24893	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	102459	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	81986	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	242441	20.00	ng	0.00
75) Chrysene-d12	22.02	240	277399	20.00	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

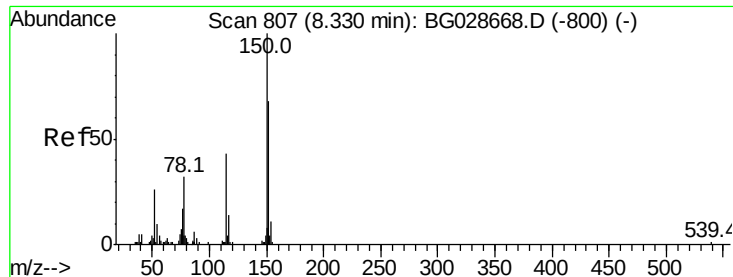
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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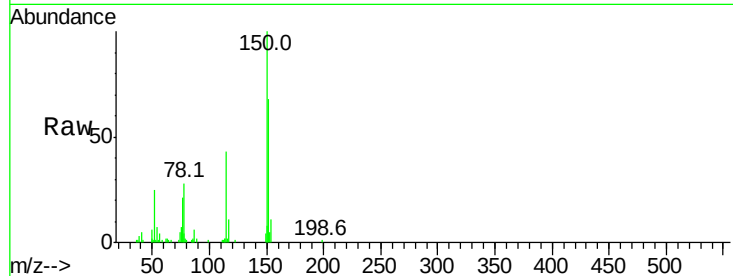


#1

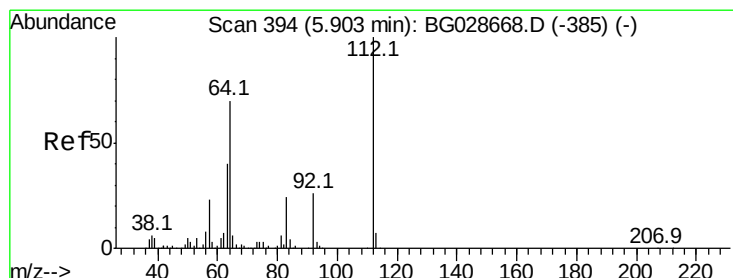
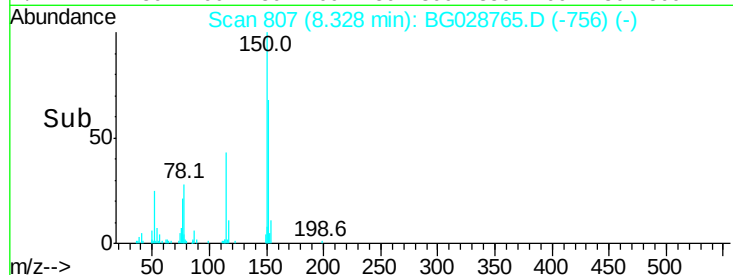
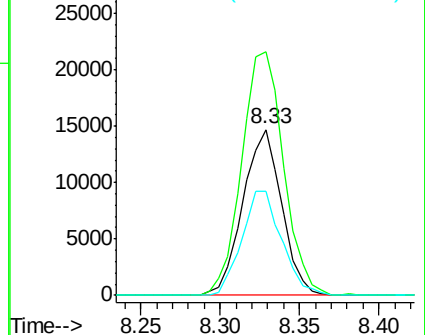
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.33 min Scan# 807
Delta R.T. -0.00 min
Lab File: BG028765.D
Acq: 15 Sep 2017 12:34

Instrument :
BNA_G
ClientSampleId :
266-323

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



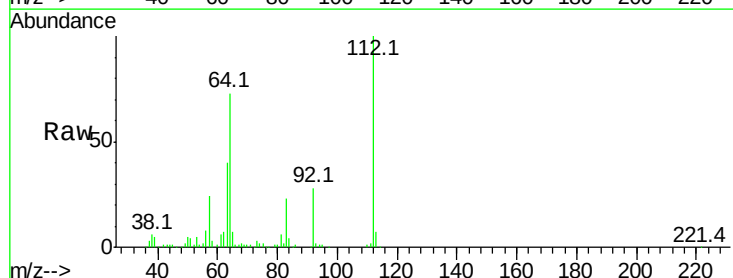
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



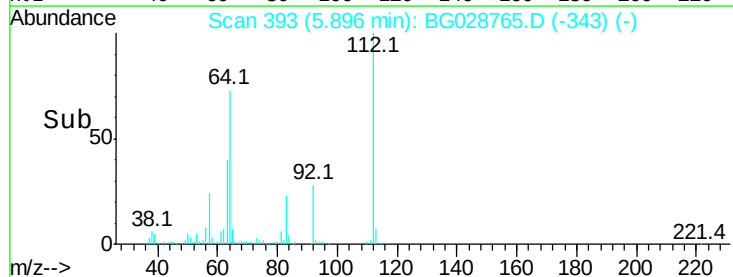
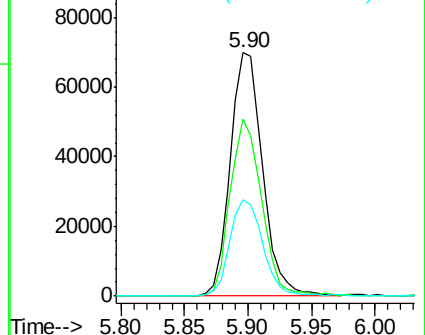
#5

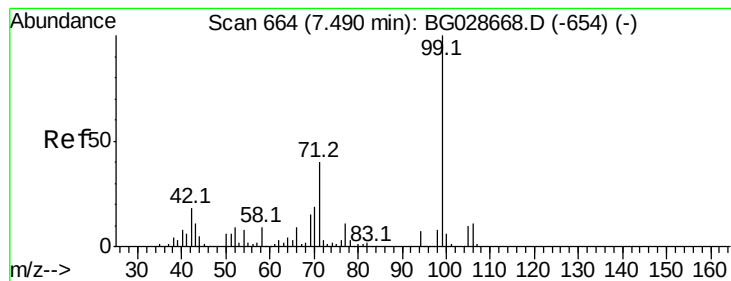
2-Fluorophenol
Concen: 81.719 ng
RT: 5.90 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG028765.D
Acq: 15 Sep 2017 12:34

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 :

266-323

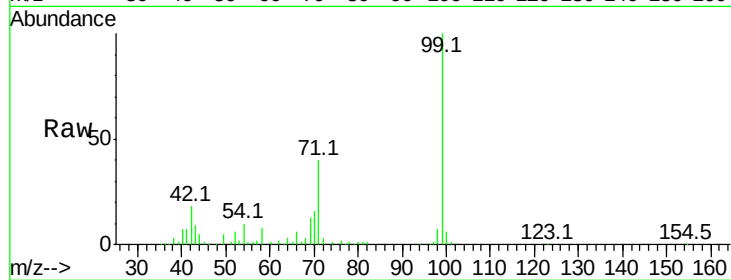
Tot Ion: 99 Resp: 181048

Ion Ratio Lower Upper

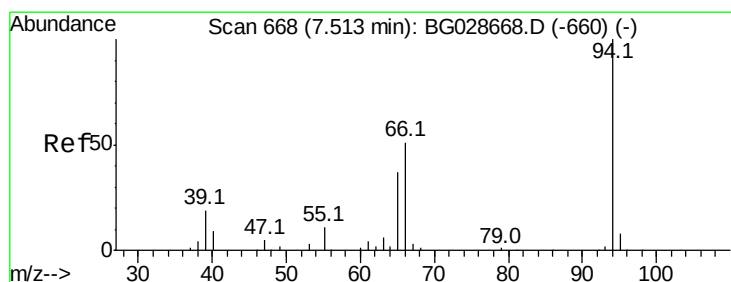
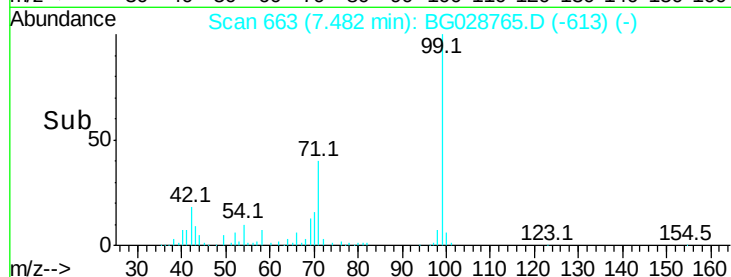
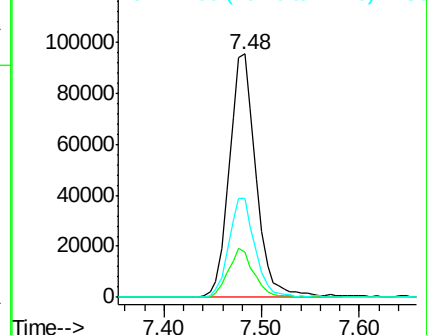
99 100

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

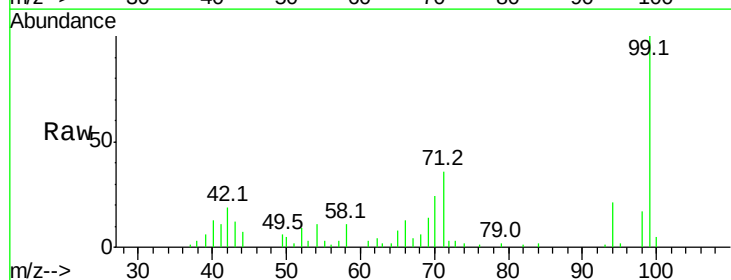
Tgt Ion: 94 Resp: 5228

Ion Ratio Lower Upper

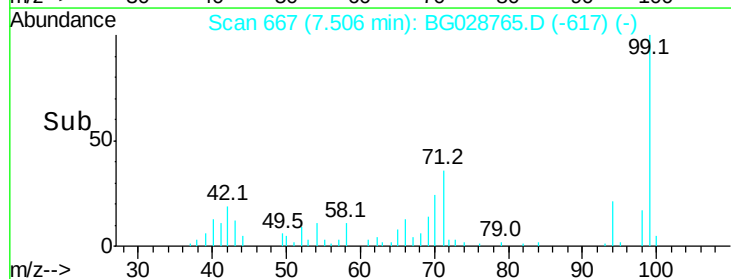
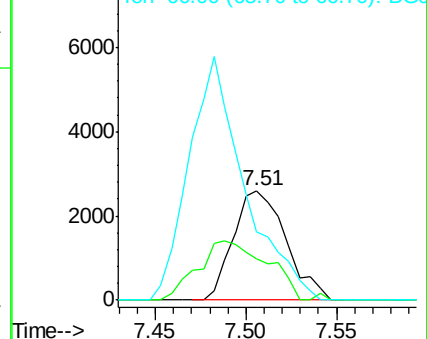
94 100

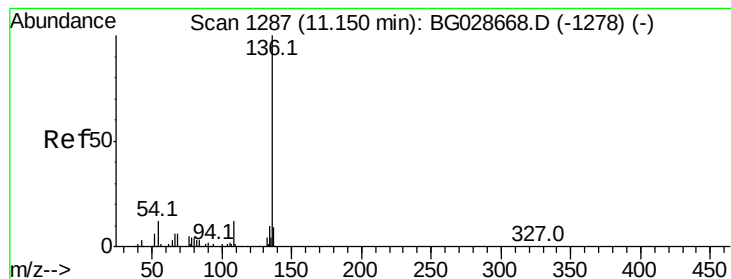
65 37.5 20.6 60.6

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 :

266-323

Tot Ion:136 Resp: 102459

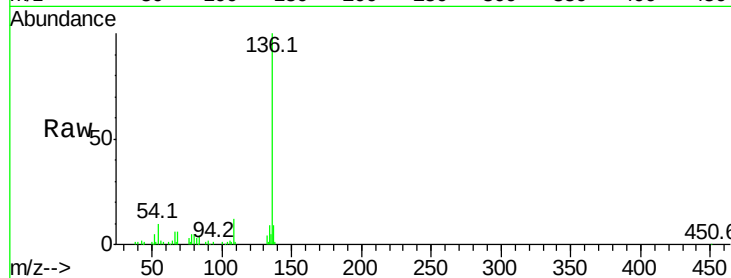
Ion Ratio Lower Upper

136 100

137 9.4 8.9 13.3

54 10.4 9.3 13.9

68 5.6 5.1 7.7

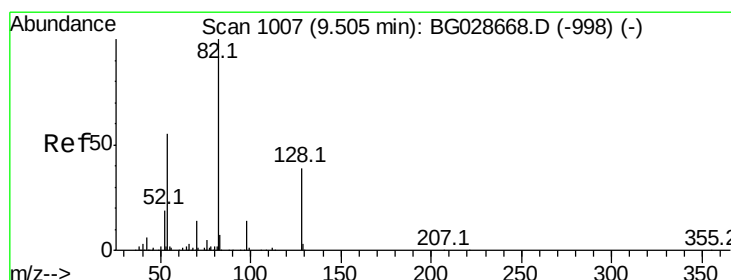
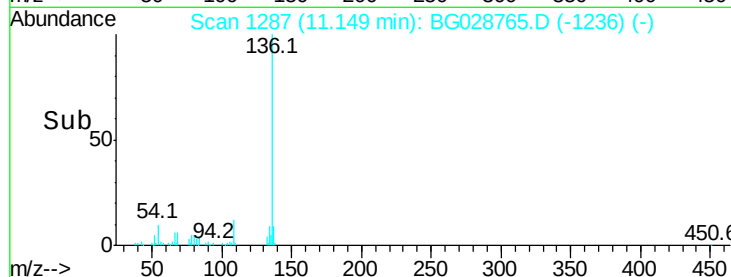
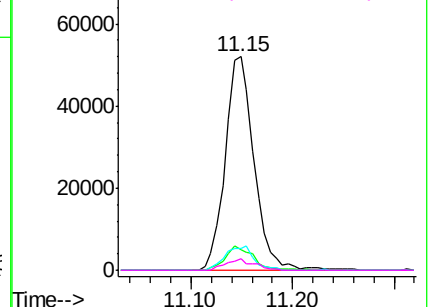


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

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

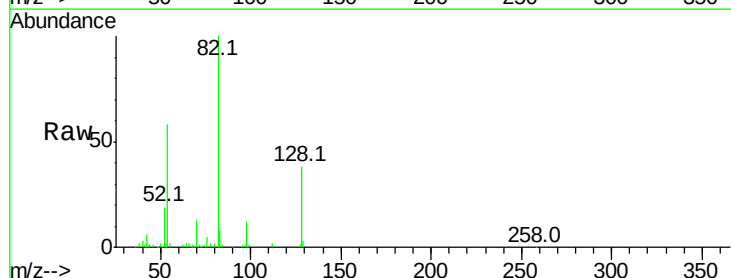
Tgt Ion: 82 Resp: 128239

Ion Ratio Lower Upper

82 100

128 37.9 26.4 39.6

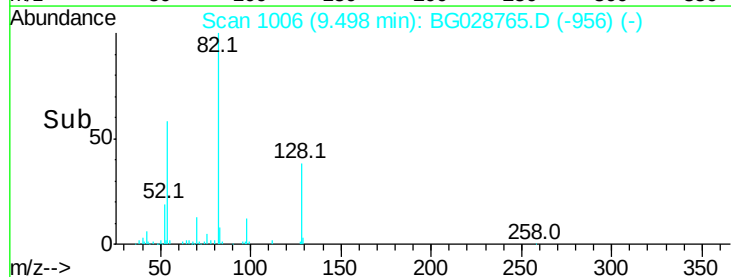
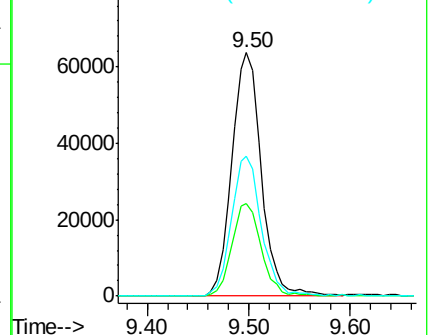
54 57.6 49.4 74.2

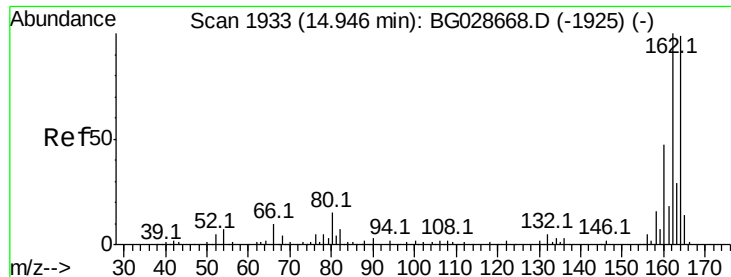


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

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 :

266-323

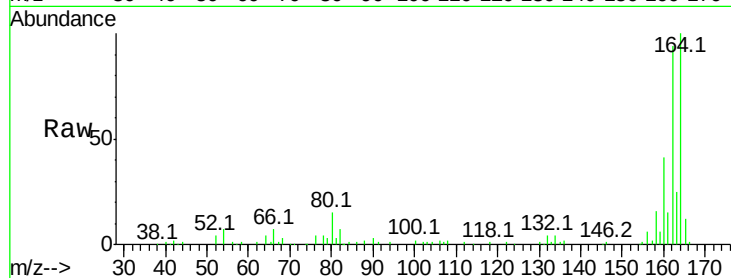
Tot Ion:164 Resp: 81986

Ion Ratio Lower Upper

164 100

162 94.0 85.1 127.7

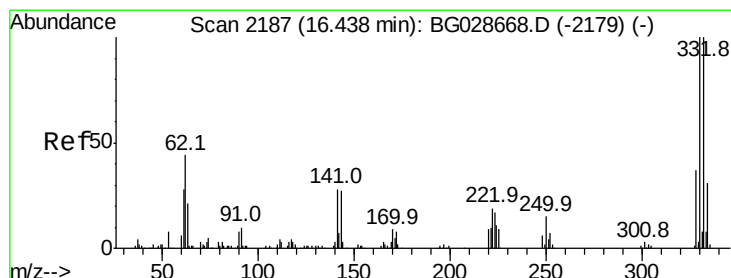
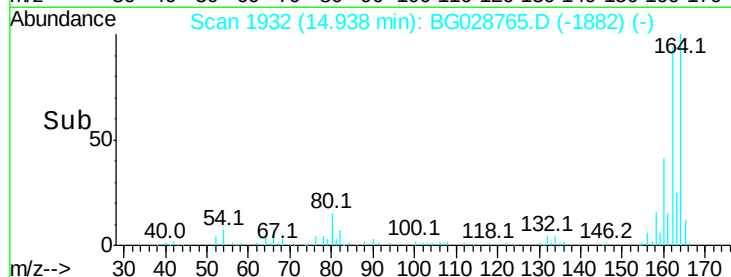
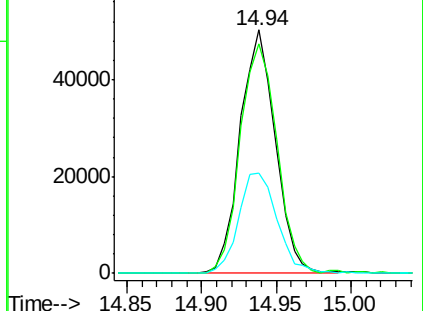
160 41.1 34.7 52.1



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: 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

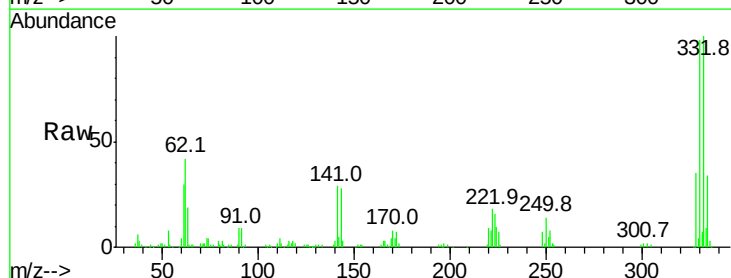
Tgt Ion:330 Resp: 106724

Ion Ratio Lower Upper

330 100

332 99.2 77.3 115.9

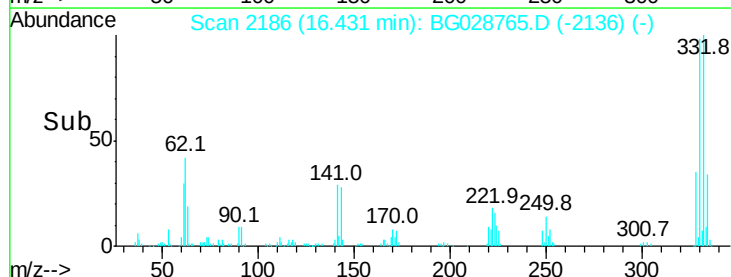
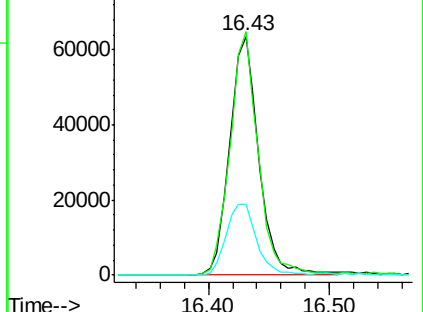
141 31.1 32.1 48.1#

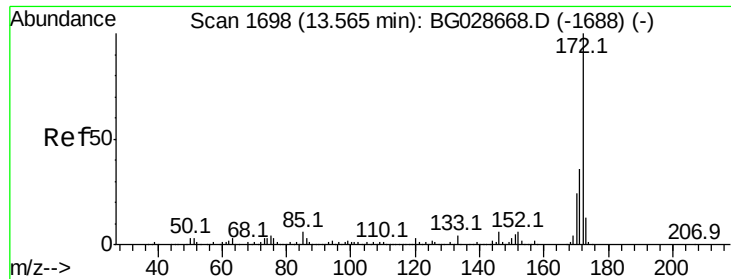


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

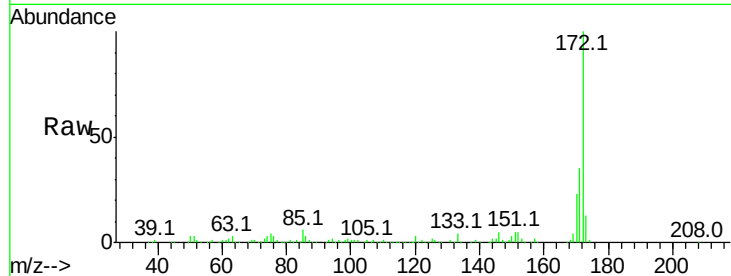




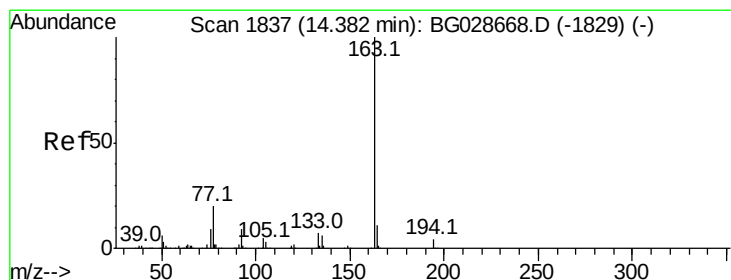
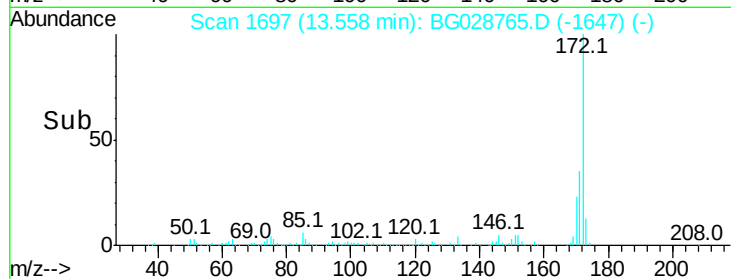
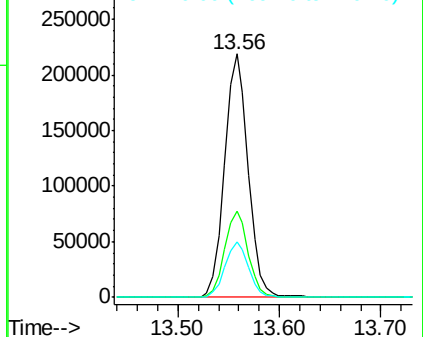
#44
2-Fluorobiphenyl
Concen: 57.143 ng
RT: 13.56 min Scan# 1697
Delta R.T. -0.01 min
Lab File: BG028765.D
Acq: 15 Sep 2017 12:34

Instrument :
BNA_G
ClientSampleId :
266-323

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

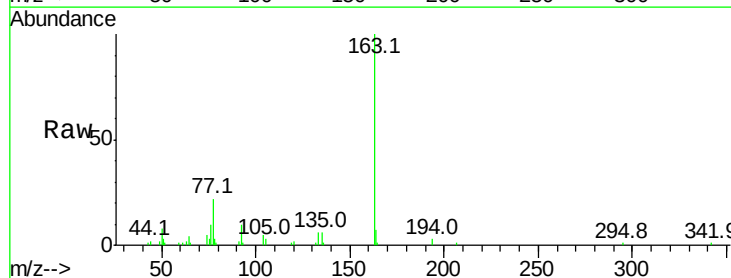


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

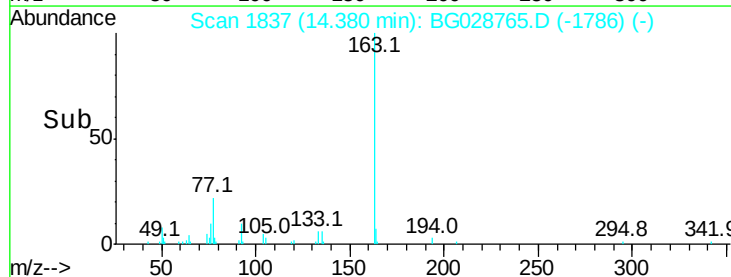
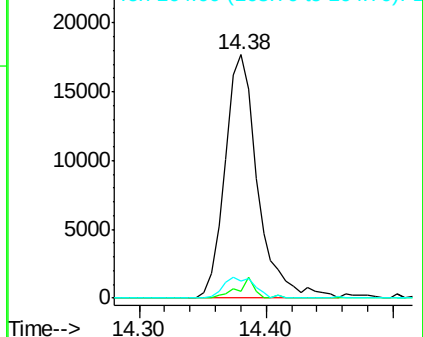


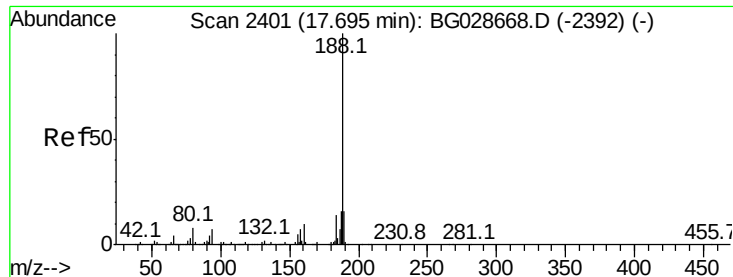
#49
Dimethylphthalate
Concen: 4.563 ng
RT: 14.38 min Scan# 1837
Delta R.T. -0.00 min
Lab File: BG028765.D
Acq: 15 Sep 2017 12:34

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 :

266-323

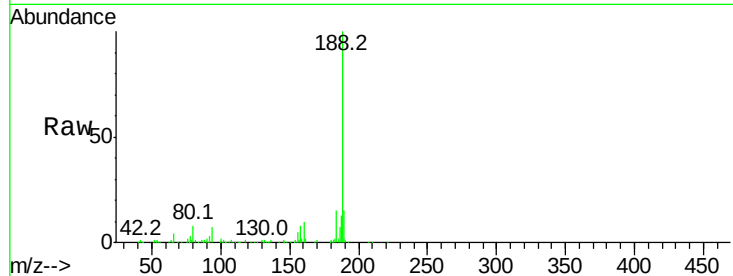
Tot Ion:188 Resp: 242441

Ion Ratio Lower Upper

188 100

94 6.7 5.8 8.8

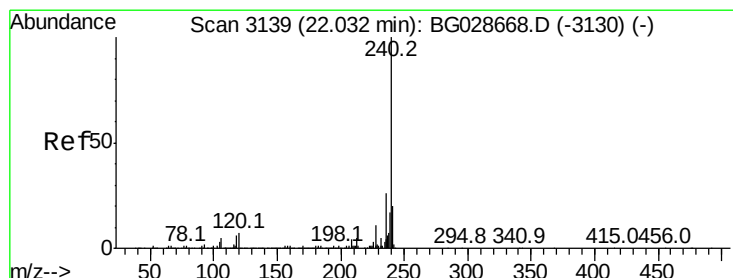
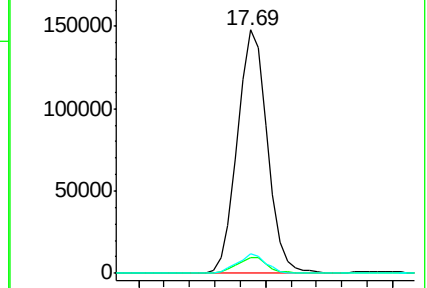
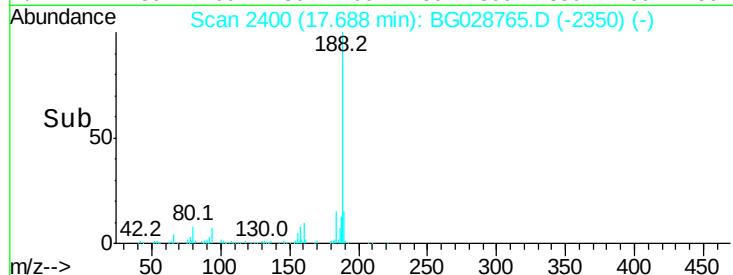
80 8.0 7.5 11.3



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



#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

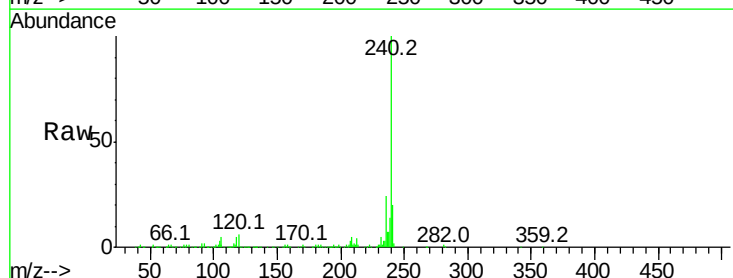
Tgt Ion:240 Resp: 277399

Ion Ratio Lower Upper

240 100

120 5.9 5.7 8.5

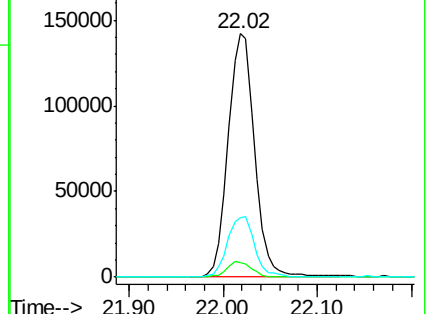
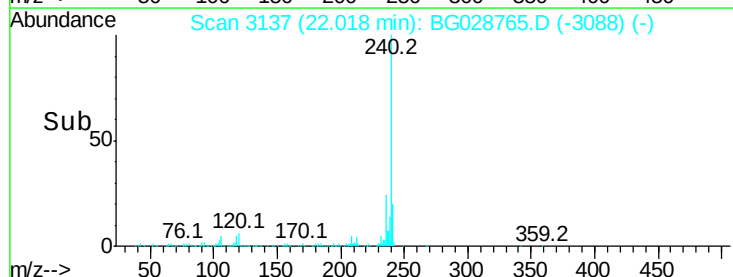
236 24.3 22.2 33.4

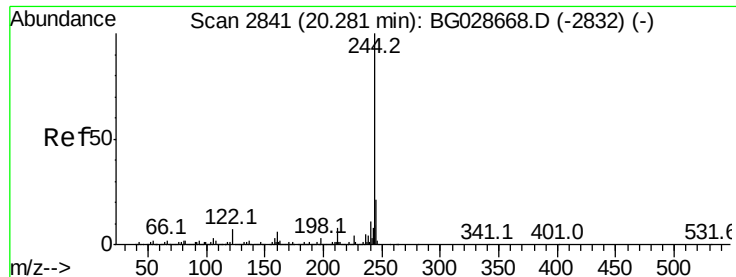


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#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 :

266-323

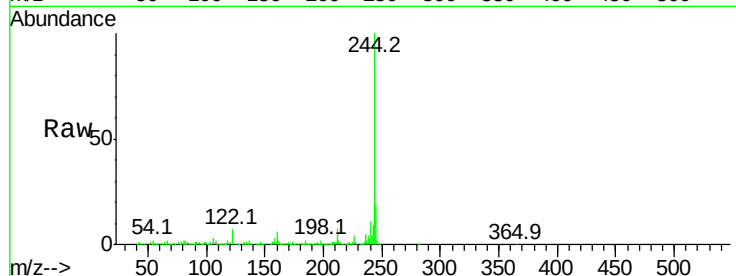
Tot Ion:244 Resp: 768647

Ion Ratio Lower Upper

244 100

212 7.5 10.0 15.0#

122 7.0 8.6 12.8#

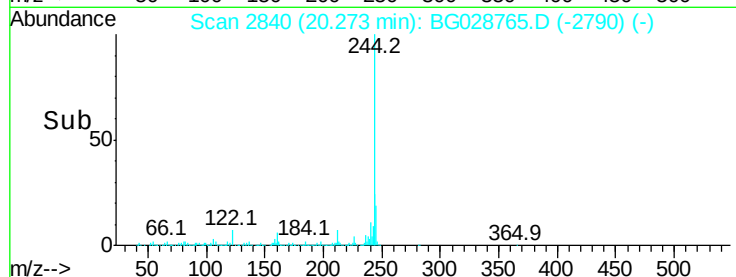


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



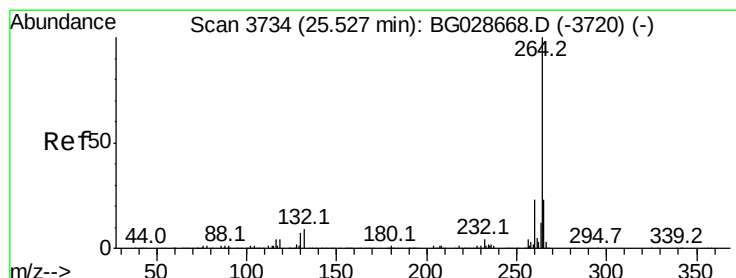
Abundance

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

Time-->



#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

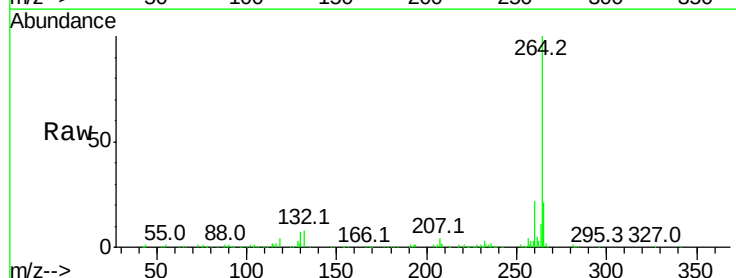
Tgt Ion:264 Resp: 284604

Ion Ratio Lower Upper

264 100

260 21.5 21.8 32.8#

265 20.7 18.2 27.4

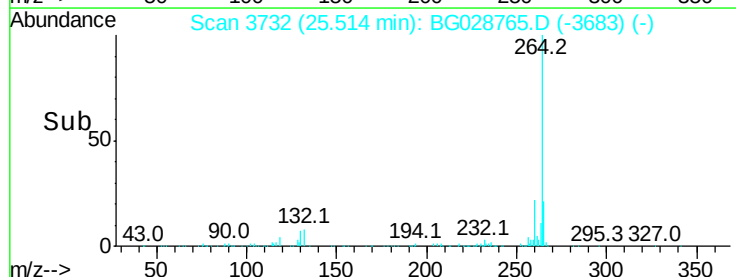


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

Time-->



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

Time-->