

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092517\
 Data File : BG028923.D
 Acq On : 26 Sep 2017 1:13
 Operator : SJ/JU
 Sample : PB102568TB
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 26 02:52:08 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

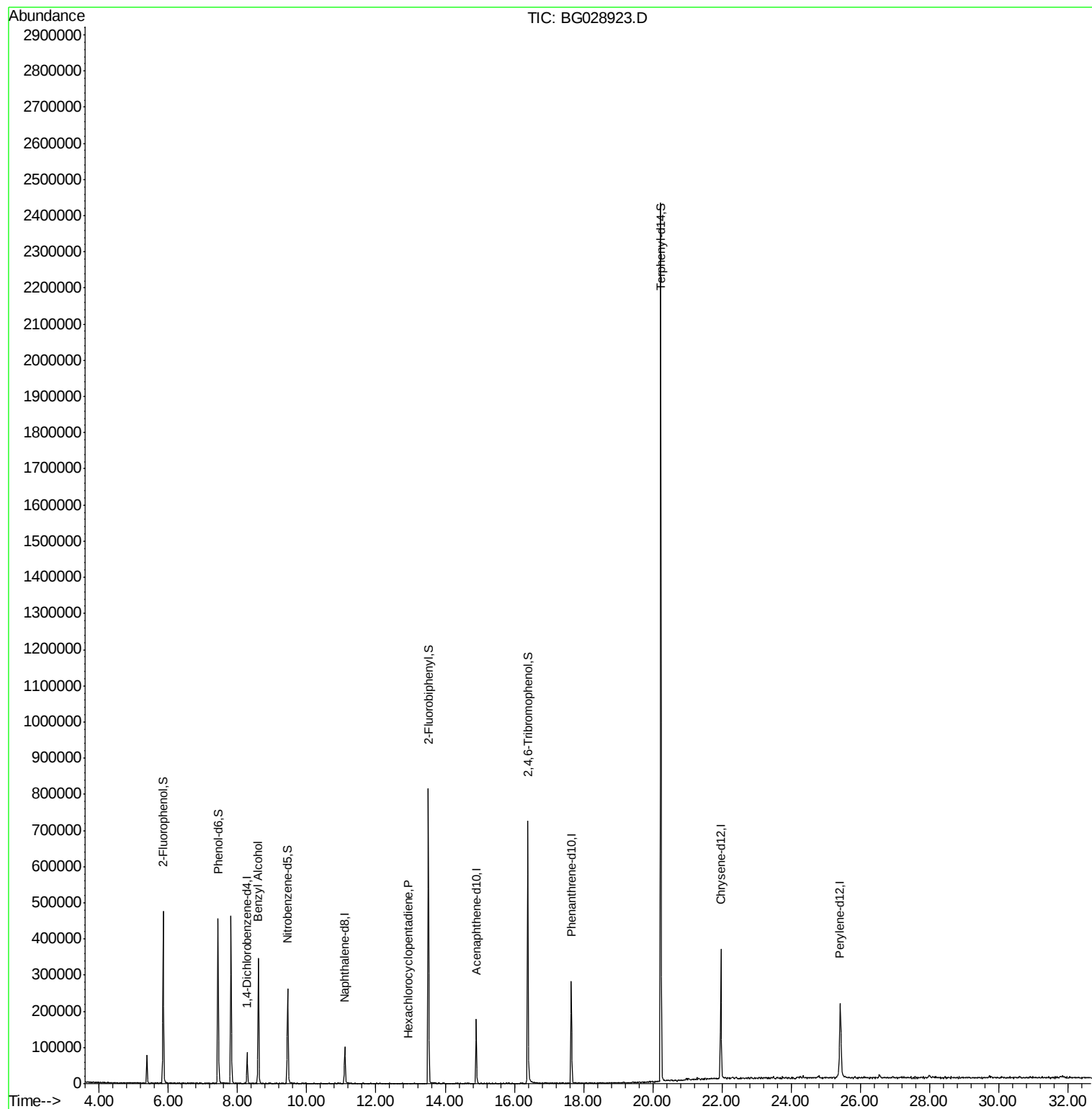
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	22921	20.00	ng	-0.05
21) Naphthalene-d8	11.10	136	91168	20.00	ng	-0.05
38) Acenaphthene-d10	14.90	164	65849	20.00	ng	-0.05
63) Phenanthrene-d10	17.65	188	201001	20.00	ng	-0.05
75) Chrysene-d12	21.97	240	257182	20.00	ng	-0.06
86) Perylene-d12	25.42	264	261892	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.84	112	210213	151.33	ng	-0.06
7) Phenol-d6	7.44	99	274858	131.42	ng	-0.05
23) Nitrobenzene-d5	9.45	82	174387	91.50	ng	-0.05
41) 2,4,6-Tribromophenol	16.39	330	162214	148.94	ng	-0.05
44) 2-Fluorobiphenyl	13.52	172	453363	91.80	ng	-0.05
78) Terphenyl-d14	20.23	244	1133718	94.01	ng	-0.05
Target Compounds						
15) Benzyl Alcohol	8.59	79	3277	2.01	ng	# 71
40) Hexachlorocyclopentadiene	12.94	237	62	7.66	ng	# 29

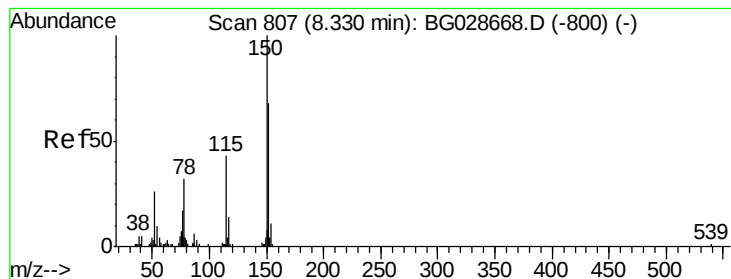
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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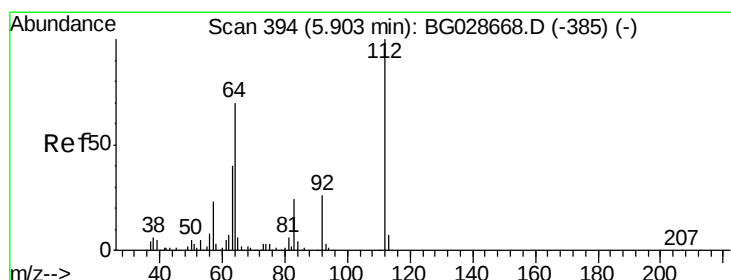
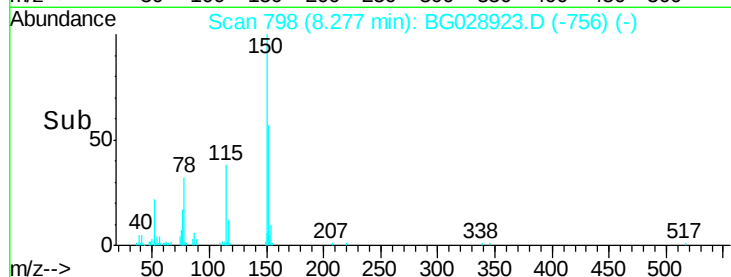
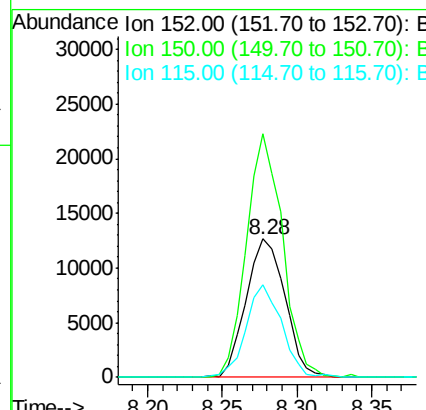
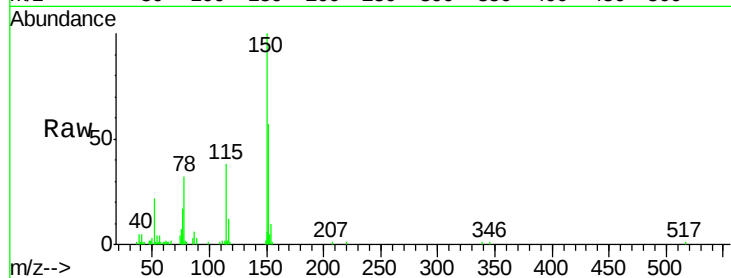




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.28 min Scan# 798
 Delta R.T. -0.05 min
 Lab File: BG028923.D
 Acq: 26 Sep 2017 1:13

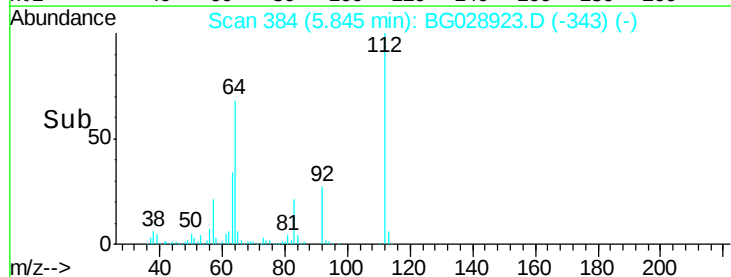
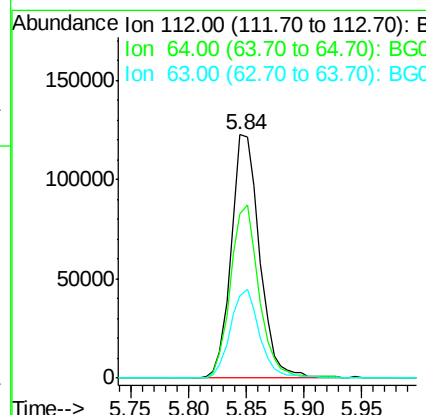
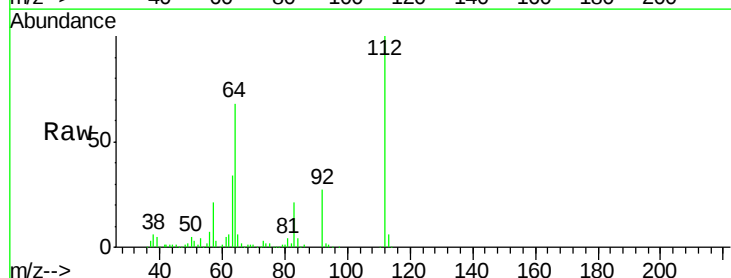
Instrument :
 BNA_G
 ClientSampleId :

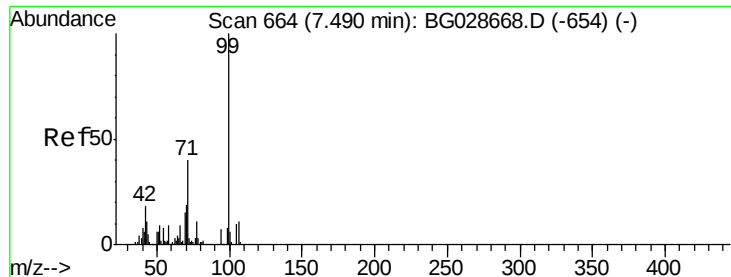
Tot Ion	Ratio	Lower	Upper
152	100		
150	175.7	114.0	171.0#
115	66.8	48.1	72.1



#5
 2-Fluorophenol
 Concen: 151.33 ng
 RT: 5.84 min Scan# 384
 Delta R.T. -0.06 min
 Lab File: BG028923.D
 Acq: 26 Sep 2017 1:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.6	61.8	92.6
63	33.9	37.2	55.8#





#7

Phenol-d6

Concen: 131.42 ng

RT: 7.44 min Scan# 655

Delta R.T. -0.05 min

Lab File: BG028923.D

Acq: 26 Sep 2017 1:13

Instrument :

BNA_G

ClientSampleId :

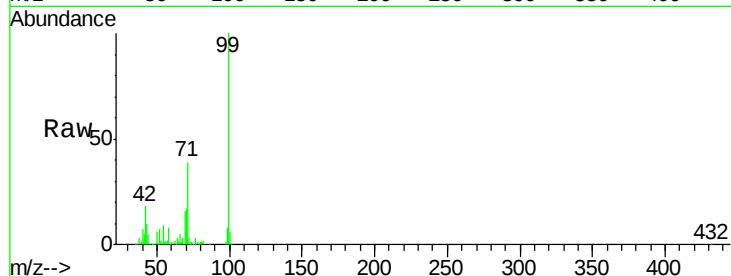
Tot Ion: 99 Resp: 274858

Ion Ratio Lower Upper

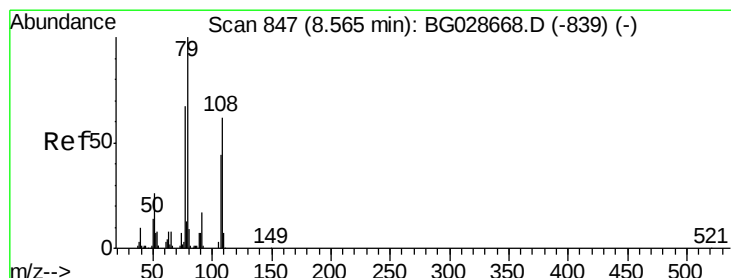
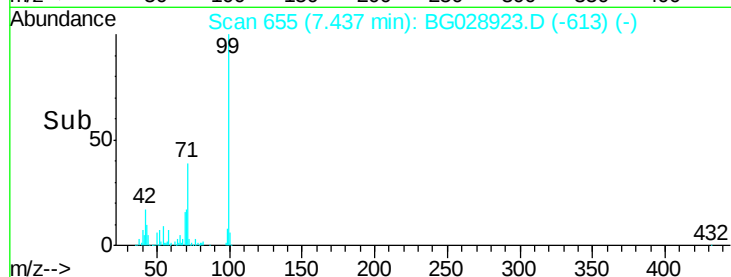
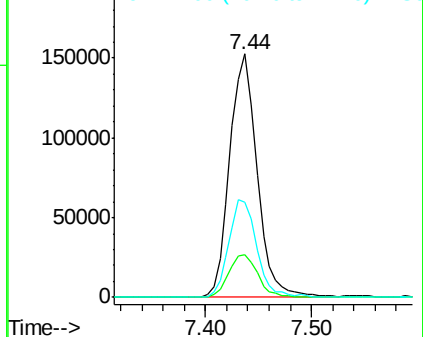
99 100

42 17.5 20.5 30.7#

71 38.9 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



#15

Benzyl Alcohol

Concen: 2.01 ng

RT: 8.59 min Scan# 852

Delta R.T. 0.03 min

Lab File: BG028923.D

Acq: 26 Sep 2017 1:13

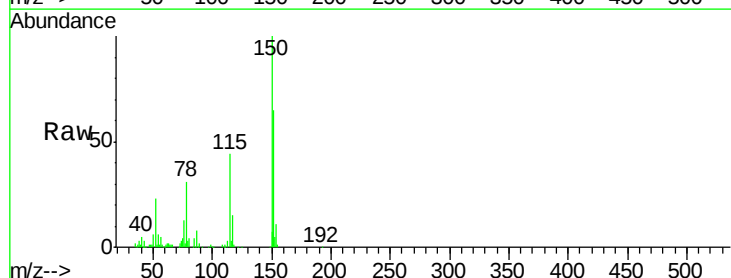
Tgt Ion: 79 Resp: 3277

Ion Ratio Lower Upper

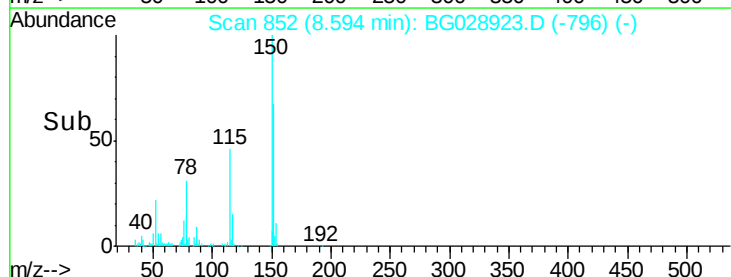
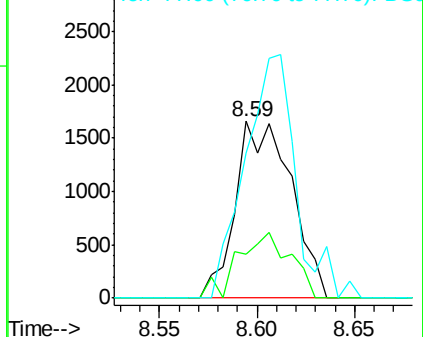
79 100

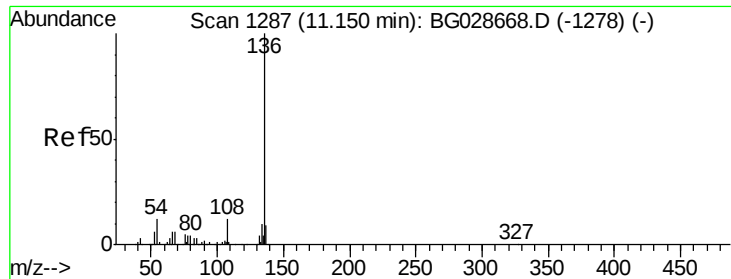
108 24.6 45.5 68.3#

77 81.8 54.3 81.5#



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

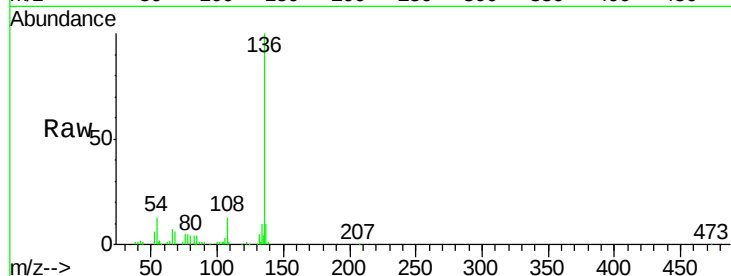




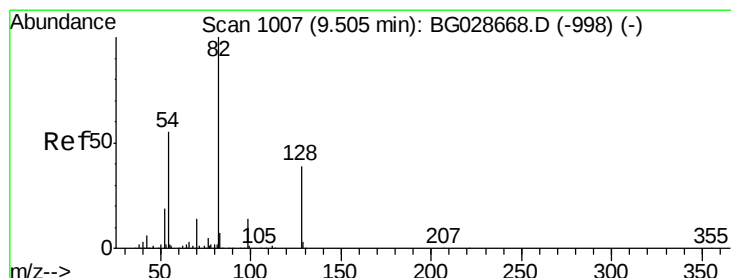
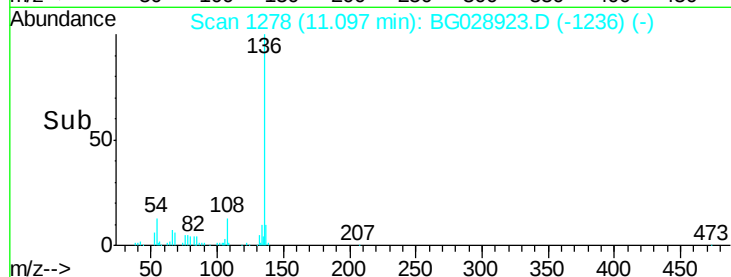
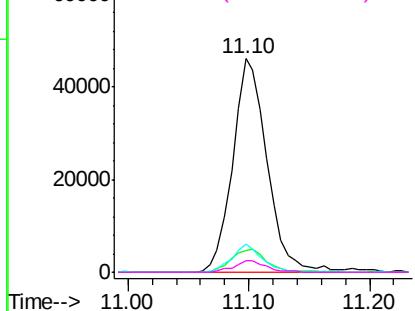
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.10 min Scan# 1278
Delta R.T. -0.05 min
Lab File: BG028923.D
Acq: 26 Sep 2017 1:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	91168
Ion Ratio	Lower	Upper
136 100		
137 10.2	8.9	13.3
54 13.4	9.3	13.9
68 5.7	5.1	7.7

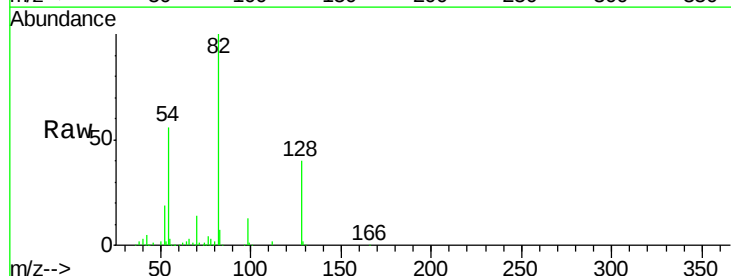


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

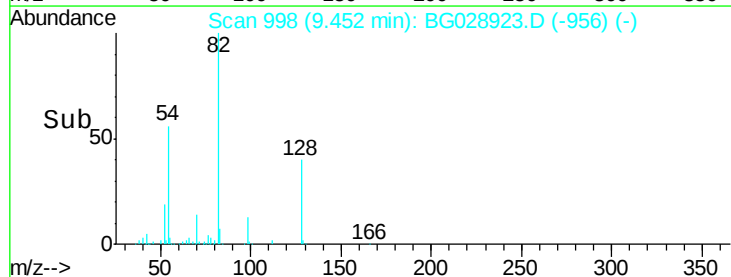
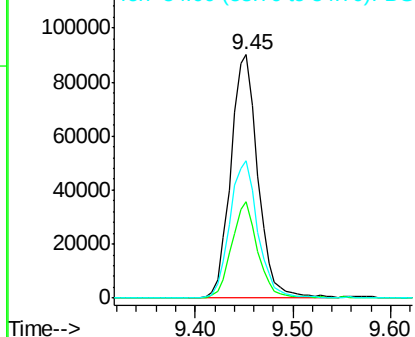


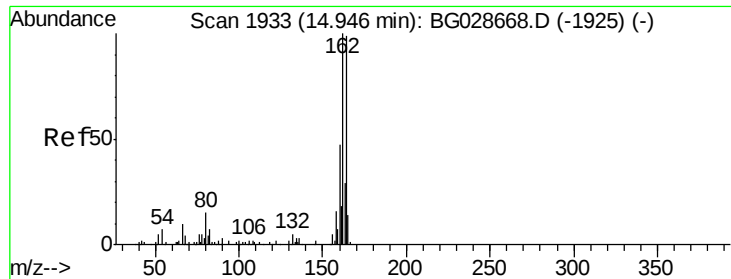
#23
Nitrobenzene-d5
Concen: 91.50 ng
RT: 9.45 min Scan# 998
Delta R.T. -0.05 min
Lab File: BG028923.D
Acq: 26 Sep 2017 1:13

Tgt Ion: 82	Resp:	174387
Ion Ratio	Lower	Upper
82 100		
128 39.7	26.4	39.6#
54 56.3	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: 20.00 ng

RT: 14.90 min Scan# 1925

Delta R.T. -0.05 min

Lab File: BG028923.D

Acq: 26 Sep 2017 1:13

Instrument :

BNA_G

ClientSampleId :

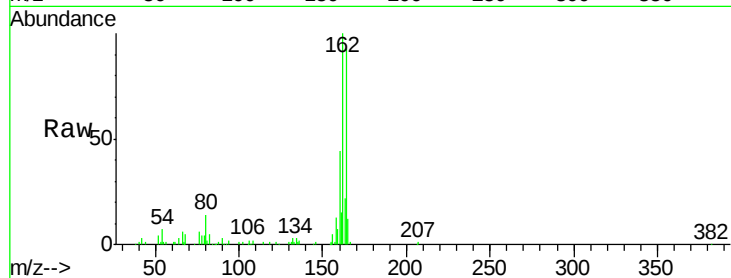
Tot Ion:164 Resp: 65849

Ion Ratio Lower Upper

164 100

162 107.2 85.1 127.7

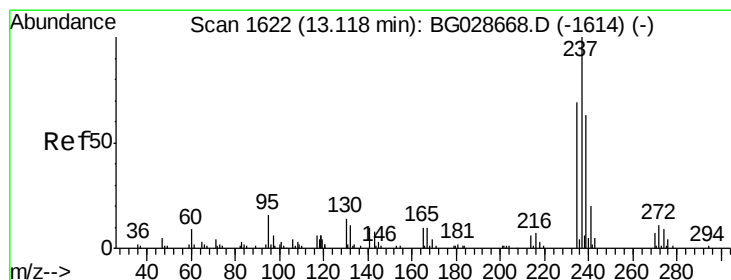
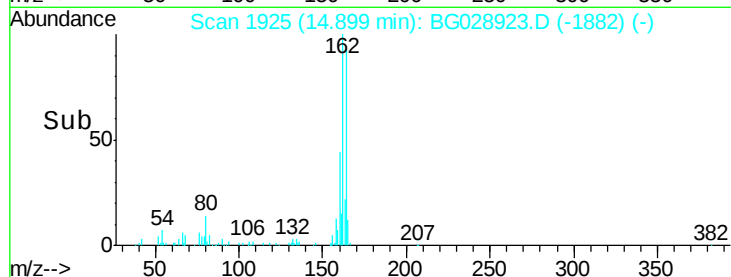
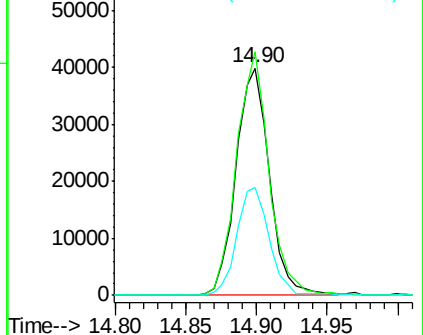
160 47.6 34.7 52.1



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



#40

Hexachlorocyclopentadiene

Concen: 7.66 ng

RT: 12.94 min Scan# 1591

Delta R.T. -0.18 min

Lab File: BG028923.D

Acq: 26 Sep 2017 1:13

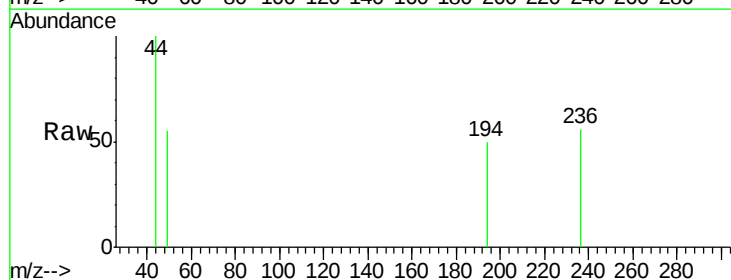
Tgt Ion:237 Resp: 62

Ion Ratio Lower Upper

237 100

235 0.0 39.4 79.4#

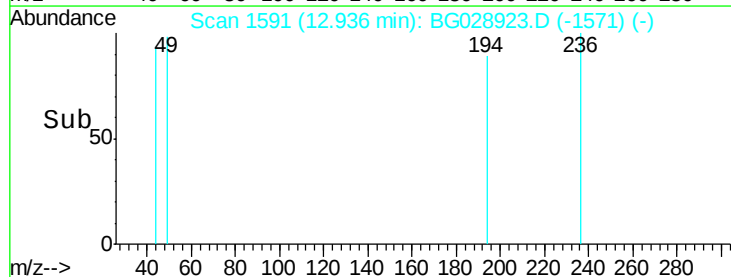
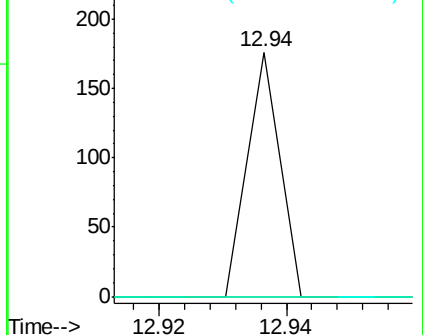
272 0.0 0.0 32.0

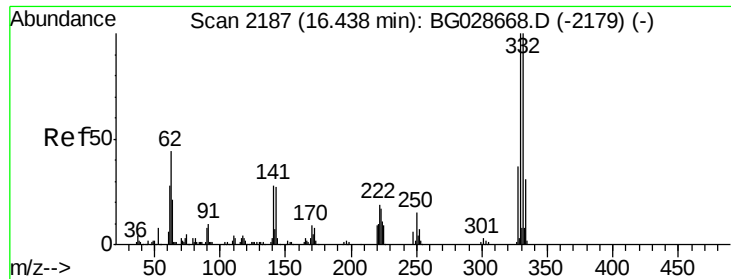


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

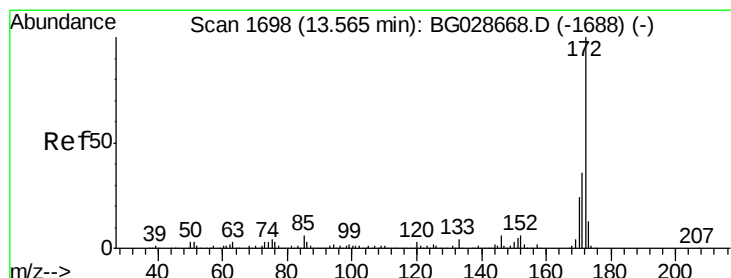
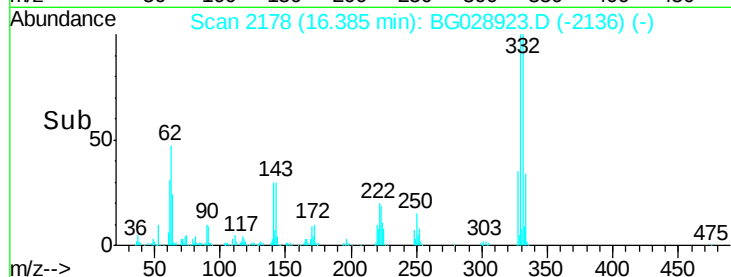
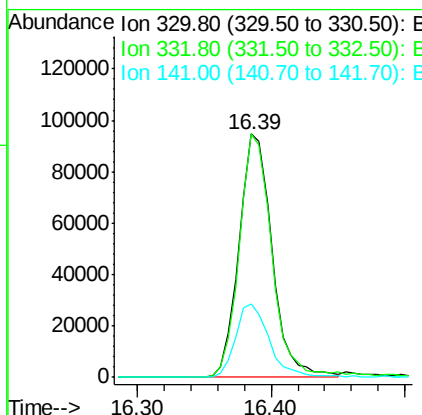
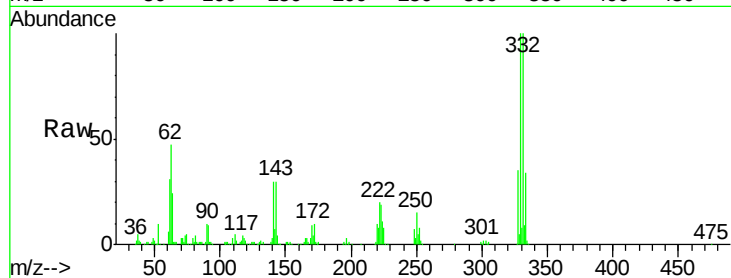




#41
 2,4,6-Tribromophenol
 Concen: 148.94 ng
 RT: 16.39 min Scan# 2178
 Delta R.T. -0.05 min
 Lab File: BG028923.D
 Acq: 26 Sep 2017 1:13

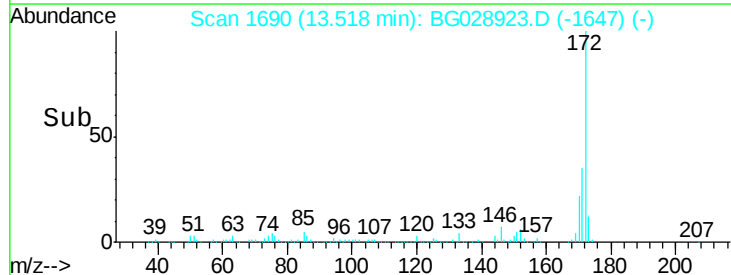
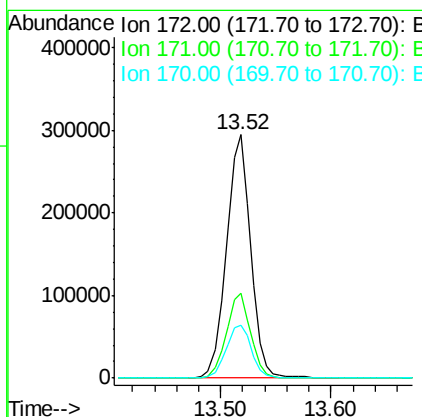
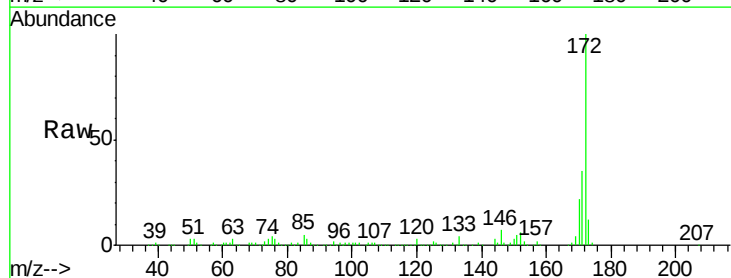
Instrument :
 BNA_G
 ClientSampleId :

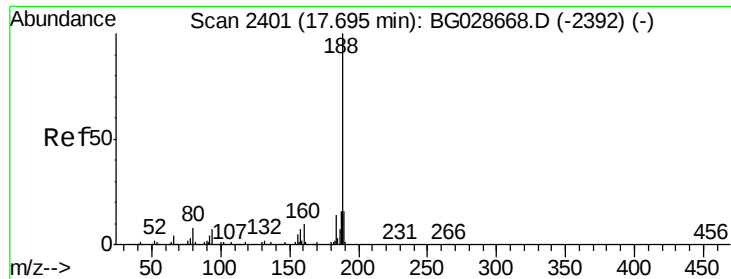
Tot Ion:330 Resp: 162214
 Ion Ratio Lower Upper
 330 100
 332 100.1 77.3 115.9
 141 31.1 32.1 48.1#



#44
 2-Fluorobiphenyl
 Concen: 91.80 ng
 RT: 13.52 min Scan# 1690
 Delta R.T. -0.05 min
 Lab File: BG028923.D
 Acq: 26 Sep 2017 1:13

Tgt Ion:172 Resp: 453363
 Ion Ratio Lower Upper
 172 100
 171 34.6 32.2 48.2
 170 21.9 21.8 32.6

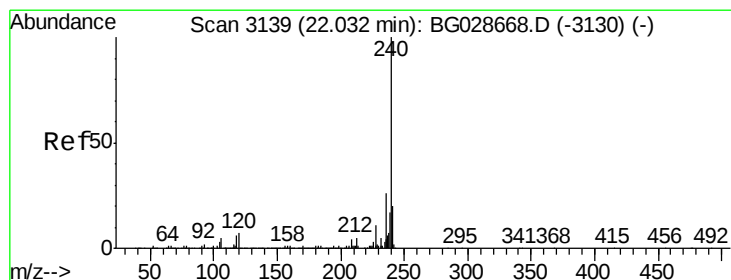
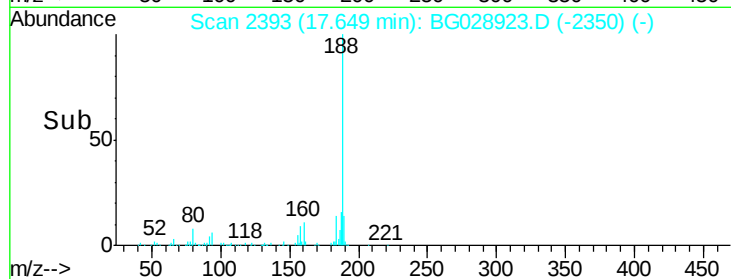
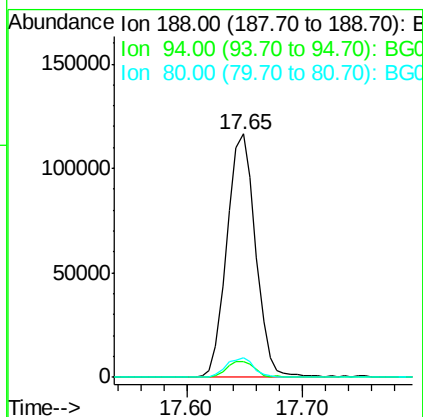
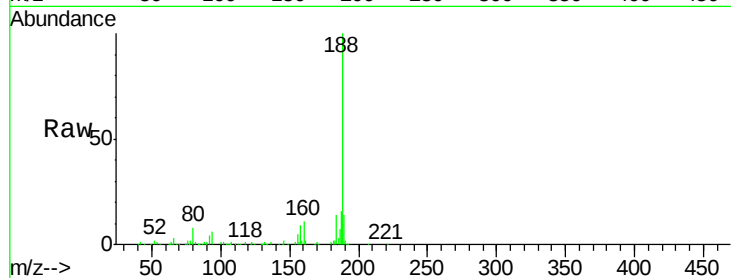




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.65 min Scan# 2393
Delta R.T. -0.05 min
Lab File: BG028923.D
Acq: 26 Sep 2017 1:13

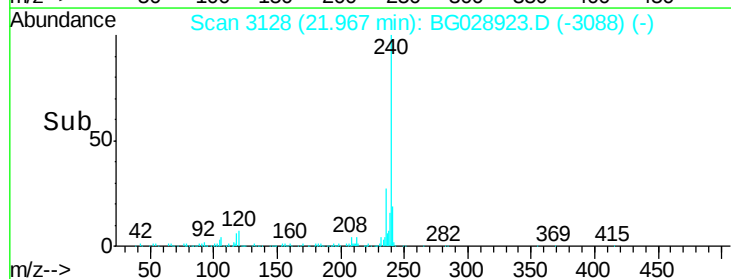
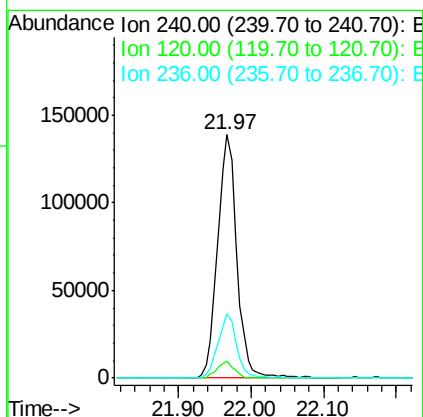
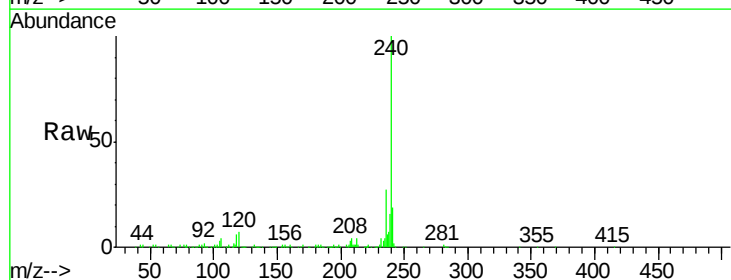
Instrument :
BNA_G
ClientSampleId :

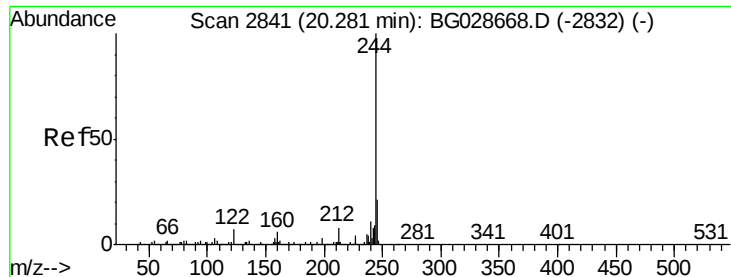
Tot Ion:188 Resp: 201001
Ion Ratio Lower Upper
188 100
94 6.5 5.8 8.8
80 8.3 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.97 min Scan# 3128
Delta R.T. -0.06 min
Lab File: BG028923.D
Acq: 26 Sep 2017 1:13

Tgt Ion:240 Resp: 257182
Ion Ratio Lower Upper
240 100
120 7.0 5.7 8.5
236 26.5 22.2 33.4





#78

Terphenyl-d14

Concen: 94.01 ng

RT: 20.23 min Scan# 2833

Delta R.T. -0.05 min

Lab File: BG028923.D

Acq: 26 Sep 2017 1:13

Instrument :

BNA_G

ClientSampled :

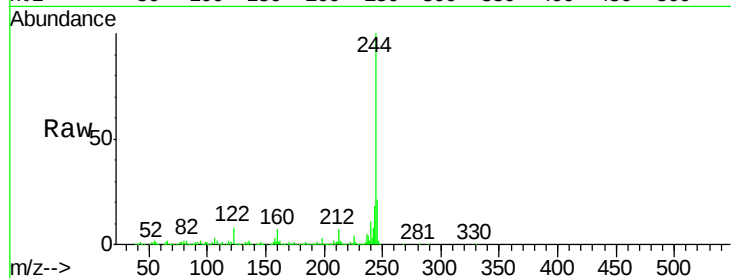
Tot Ion:244 Resp: 1133718

Ion Ratio Lower Upper

244 100

212 7.3 10.0 15.0#

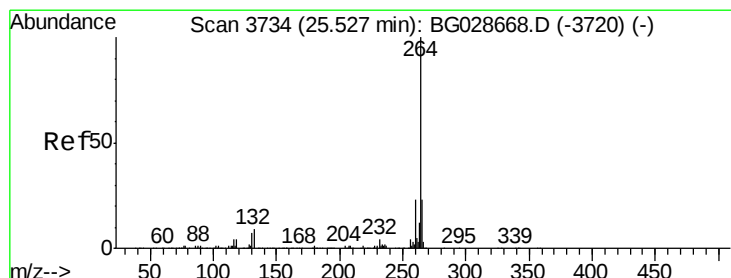
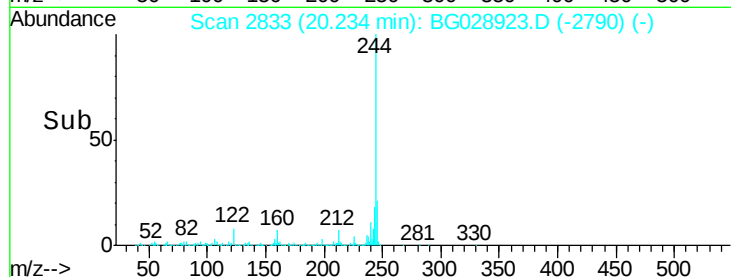
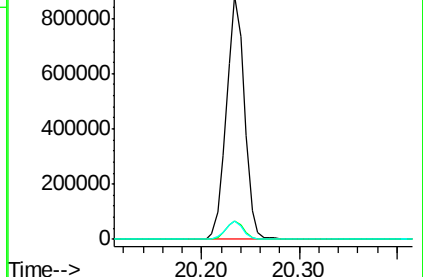
122 7.5 8.6 12.8#



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: 25.42 min Scan# 3715

Delta R.T. -0.11 min

Lab File: BG028923.D

Acq: 26 Sep 2017 1:13

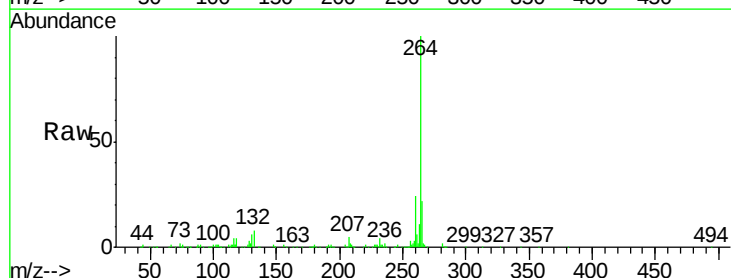
Tgt Ion:264 Resp: 261892

Ion Ratio Lower Upper

264 100

260 24.1 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

