

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092517\
 Data File : BG028928.D
 Acq On : 26 Sep 2017 4:33
 Operator : SJ/JU
 Sample : I5394-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 26 05:57:15 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

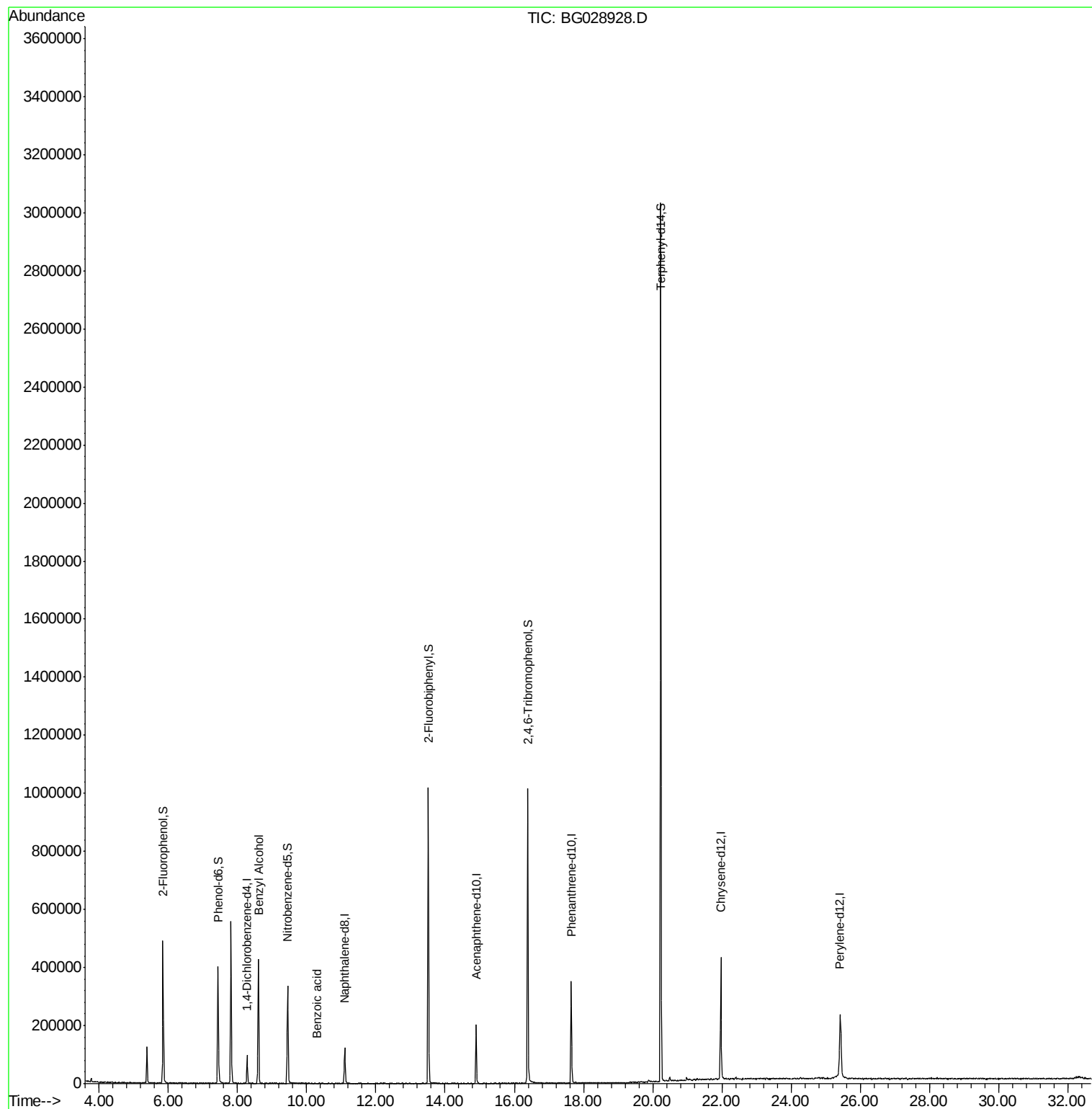
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	28413	20.00	ng	-0.05
21) Naphthalene-d8	11.10	136	105924	20.00	ng	-0.05
38) Acenaphthene-d10	14.89	164	75462	20.00	ng	-0.05
63) Phenanthrene-d10	17.64	188	240170	20.00	ng	-0.05
75) Chrysene-d12	21.97	240	294165	20.00	ng	-0.06
86) Perylene-d12	25.42	264	294685	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	219177	127.28	ng	-0.05
7) Phenol-d6	7.44	99	247647	95.52	ng	-0.05
23) Nitrobenzene-d5	9.45	82	227538	102.76	ng	-0.06
41) 2,4,6-Tribromophenol	16.39	330	219612	175.96	ng	-0.05
44) 2-Fluorobiphenyl	13.51	172	562334	99.37	ng	-0.05
78) Terphenyl-d14	20.24	244	1427898	103.52	ng	-0.05
Target Compounds						
15) Benzyl Alcohol	8.61	79	4090	2.02	ng	# 51
32) Benzoic acid	10.30	122	53	6.12	ng	# 1

(#) = 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: BG028928.D

Acq: 26 Sep 2017 4:33

Instrument :

BNA_G

ClientSampleId :

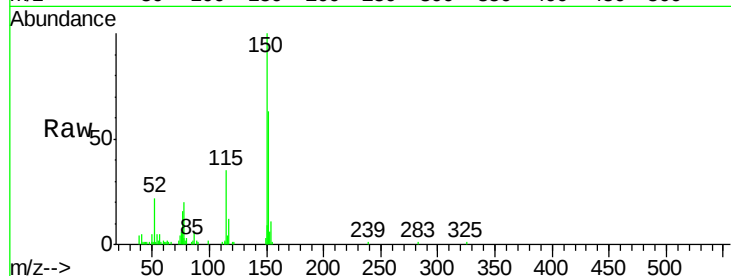
Tot Ion:152 Resp: 28413

Ion Ratio Lower Upper

152 100

150 158.0 114.0 171.0

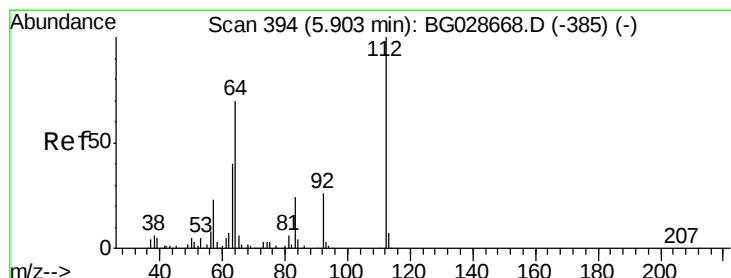
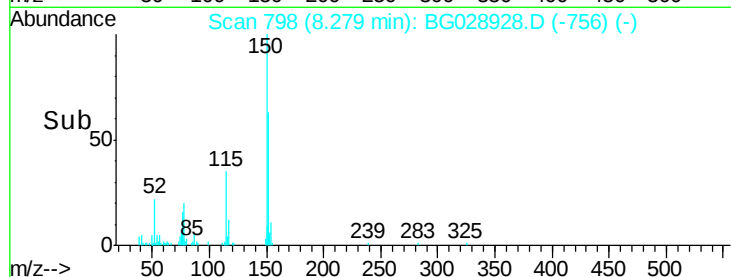
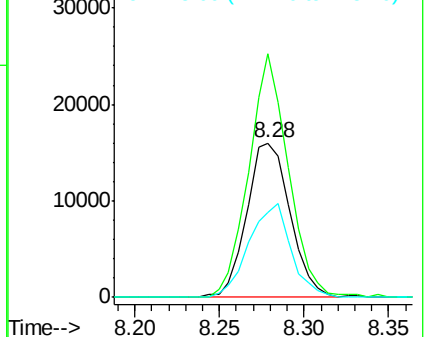
115 55.4 48.1 72.1



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: 127.28 ng

RT: 5.85 min Scan# 385

Delta R.T. -0.05 min

Lab File: BG028928.D

Acq: 26 Sep 2017 4:33

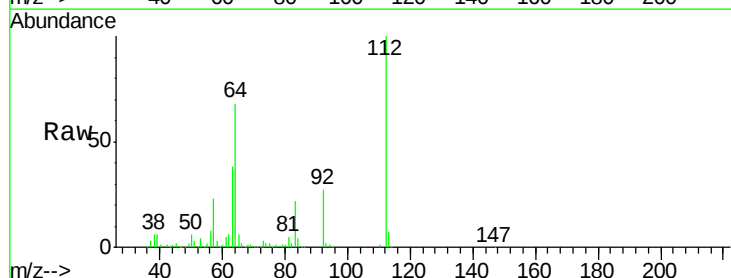
Tgt Ion:112 Resp: 219177

Ion Ratio Lower Upper

112 100

64 67.8 61.8 92.6

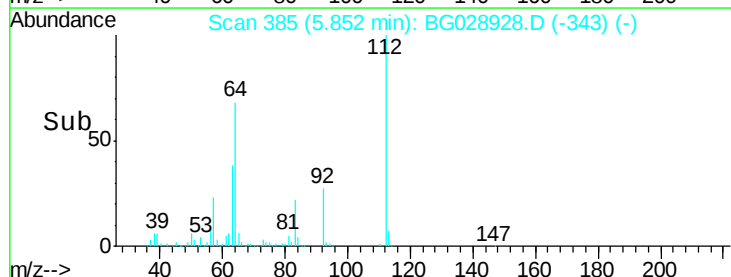
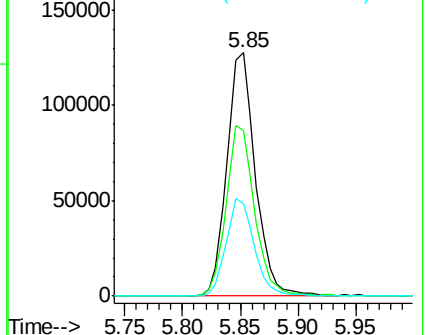
63 38.1 37.2 55.8

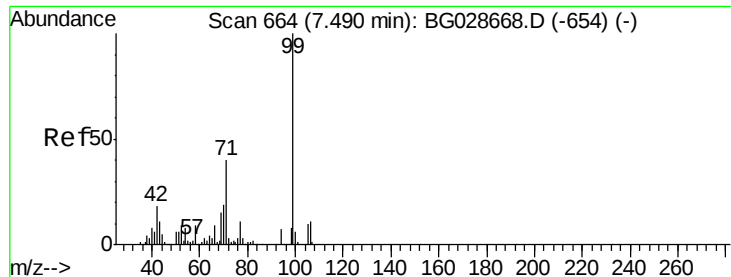


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 95.52 ng

RT: 7.44 min Scan# 655

Delta R.T. -0.05 min

Lab File: BG028928.D

Acq: 26 Sep 2017 4:33

Instrument :

BNA_G

ClientSampleId :

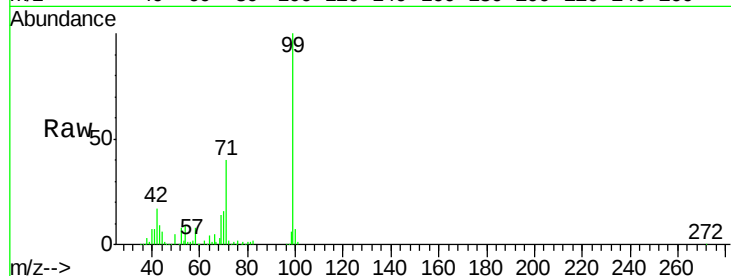
Tot Ion: 99 Resp: 247647

Ion Ratio Lower Upper

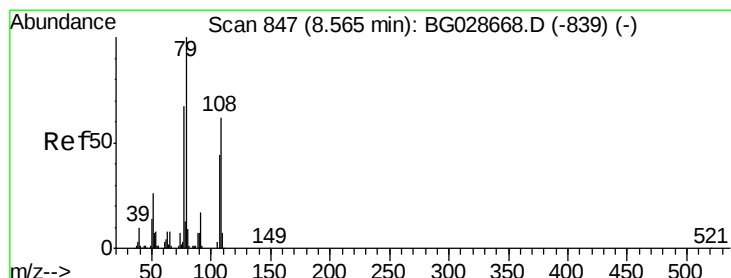
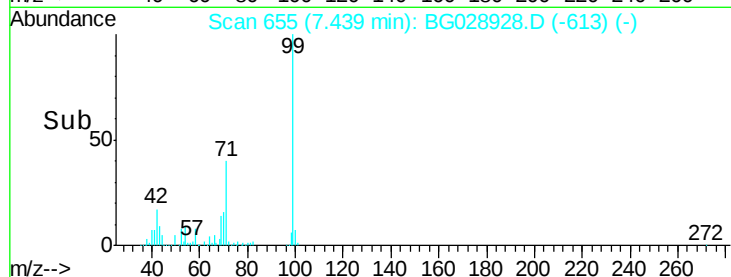
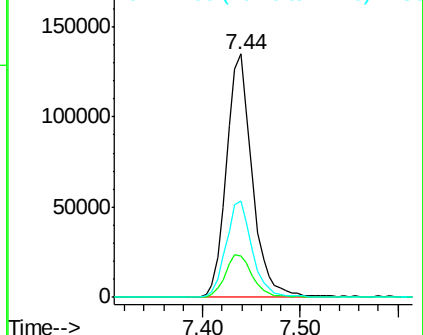
99 100

42 16.8 20.5 30.7#

71 39.8 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: 2.02 ng

RT: 8.61 min Scan# 855

Delta R.T. 0.05 min

Lab File: BG028928.D

Acq: 26 Sep 2017 4:33

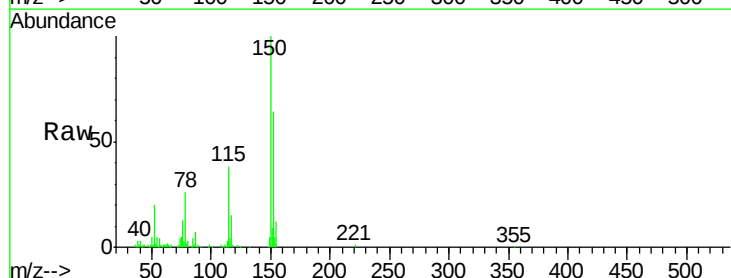
Tgt Ion: 79 Resp: 4090

Ion Ratio Lower Upper

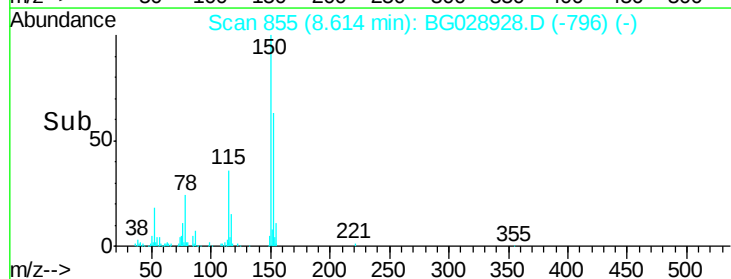
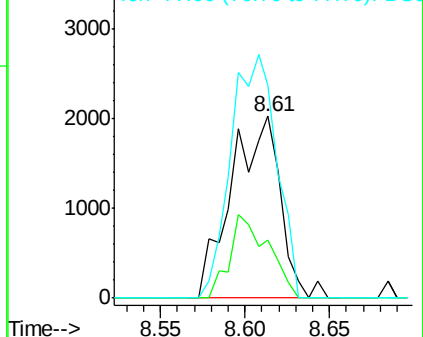
79 100

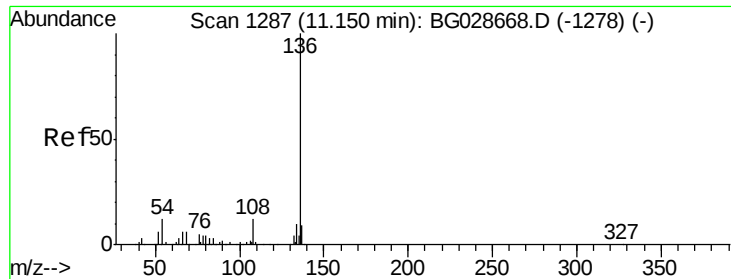
108 31.6 45.5 68.3#

77 116.7 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

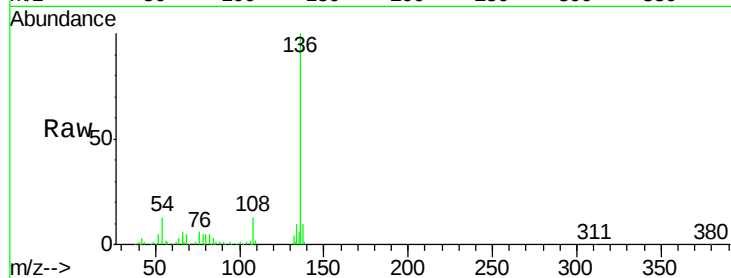




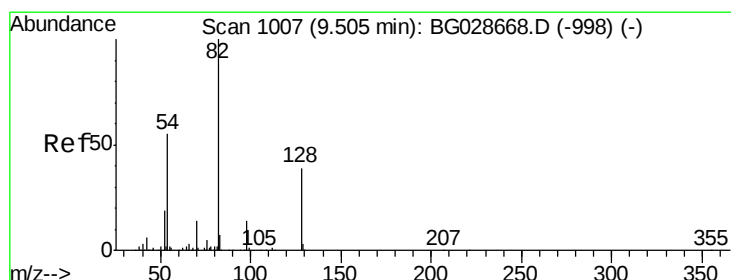
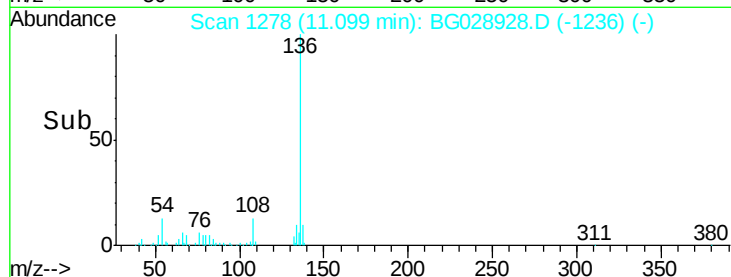
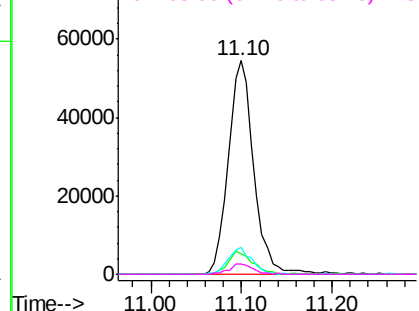
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.10 min Scan# 1278
Delta R.T. -0.05 min
Lab File: BG028928.D
Acq: 26 Sep 2017 4:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	105924
Ion Ratio	Lower	Upper
136	100	
137	9.9	8.9 13.3
54	12.7	9.3 13.9
68	5.2	5.1 7.7

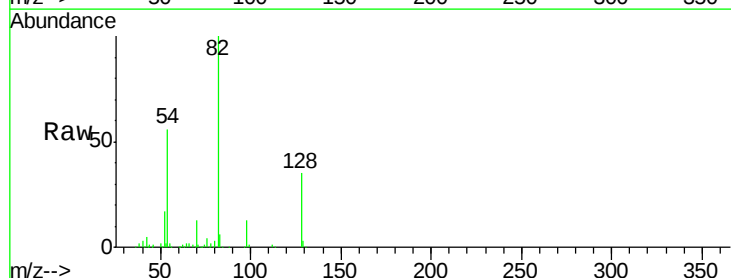


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

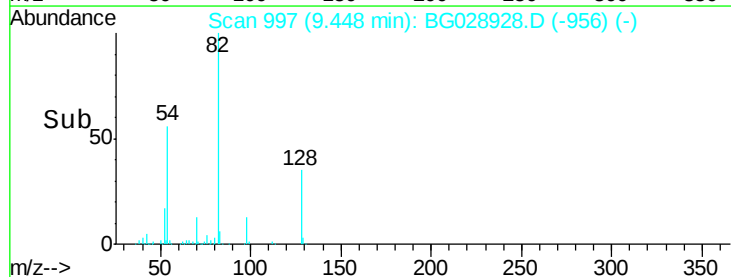
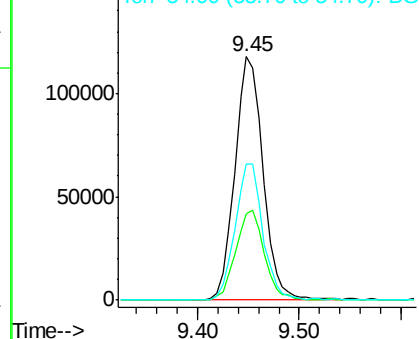


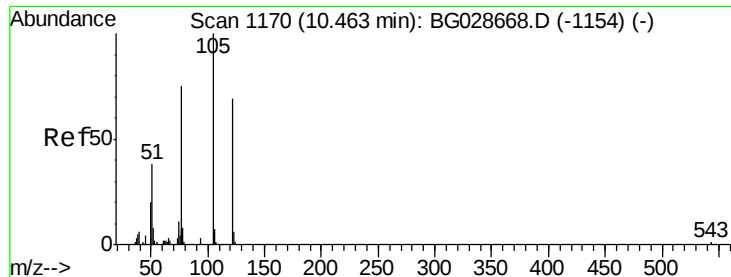
#23
Nitrobenzene-d5
Concen: 102.76 ng
RT: 9.45 min Scan# 997
Delta R.T. -0.06 min
Lab File: BG028928.D
Acq: 26 Sep 2017 4:33

Tgt Ion: 82	Resp:	227538
Ion Ratio	Lower	Upper
82	100	
128	35.5	26.4 39.6
54	56.0	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

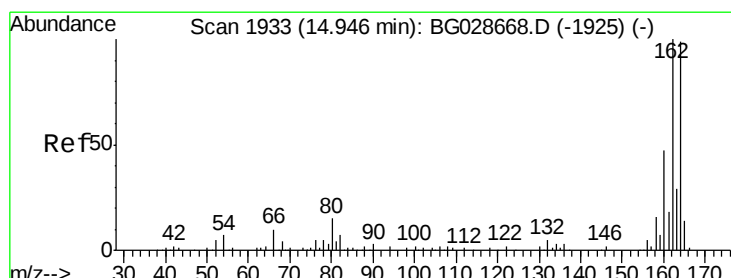
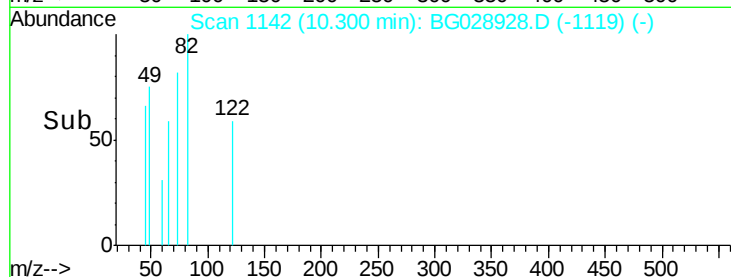
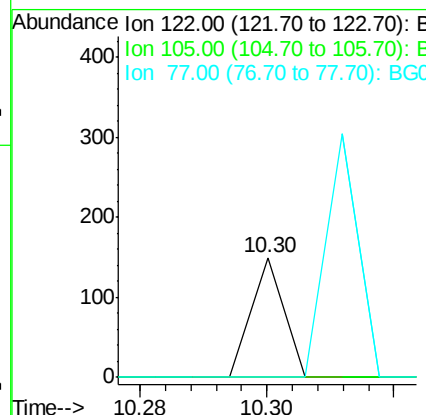
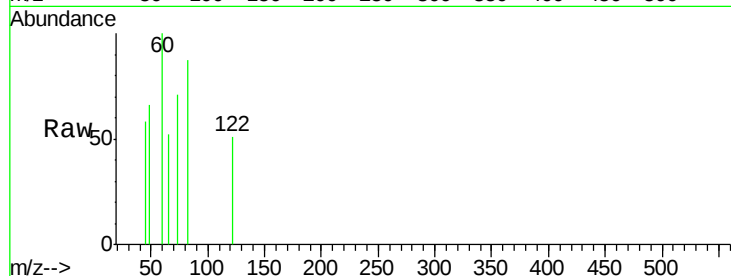




#32
Benzoic acid
Concen: 6.12 ng
RT: 10.30 min Scan# 1142
Delta R.T. -0.16 min
Lab File: BG028928.D
Acq: 26 Sep 2017 4:33

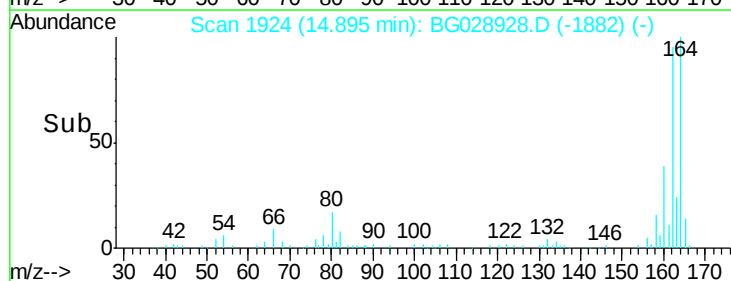
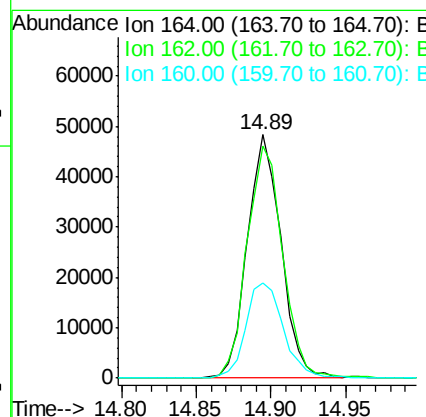
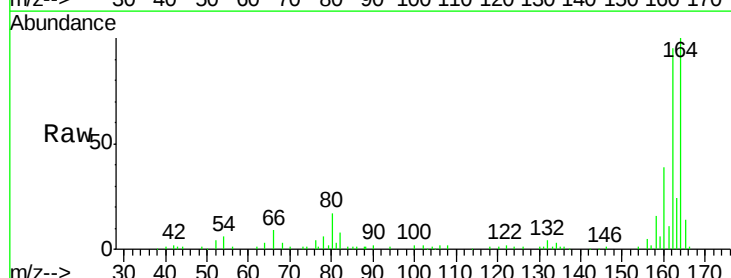
Instrument :
BNA_G
ClientSampleId :

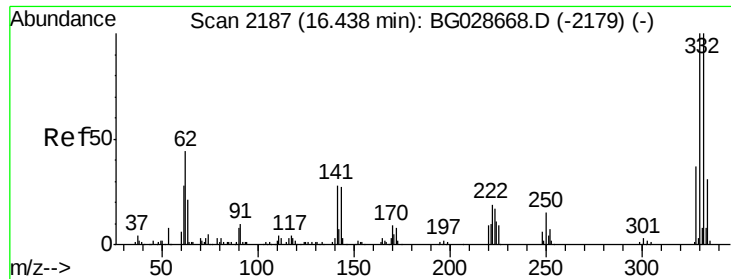
Tot Ion	Ratio	Lower	Upper
122	100		
105	0.0	120.1	160.1#
77	0.0	104.6	144.6#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.89 min Scan# 1924
Delta R.T. -0.05 min
Lab File: BG028928.D
Acq: 26 Sep 2017 4:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	95.3	85.1	127.7
160	39.2	34.7	52.1

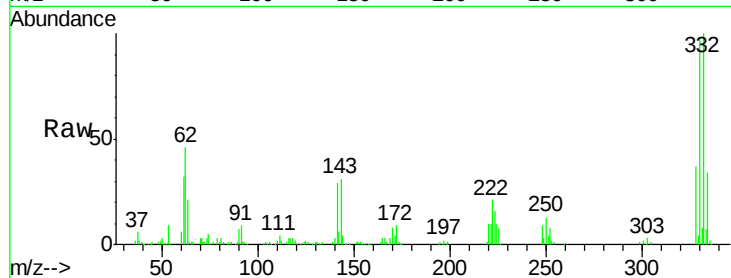




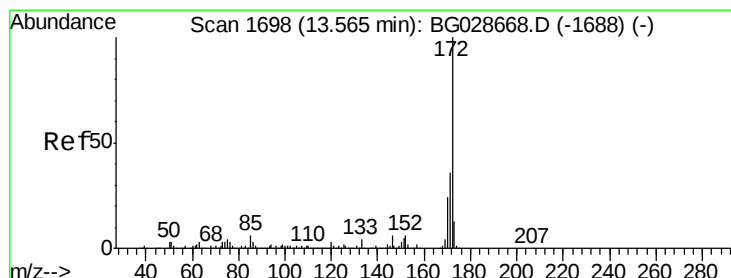
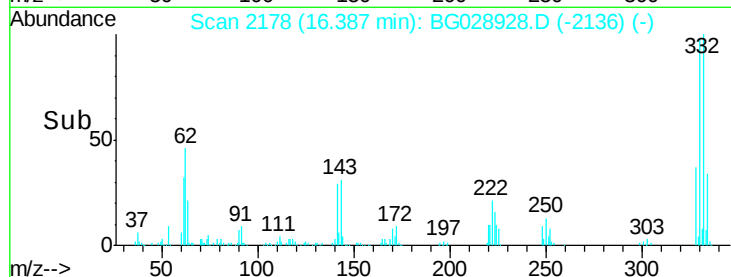
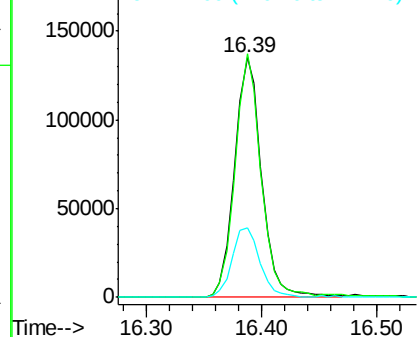
#41
 2,4,6-Tribromophenol
 Concen: 175.96 ng
 RT: 16.39 min Scan# 2178
 Delta R.T. -0.05 min
 Lab File: BG028928.D
 Acq: 26 Sep 2017 4:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.3	115.9
141	30.0	32.1	48.1#

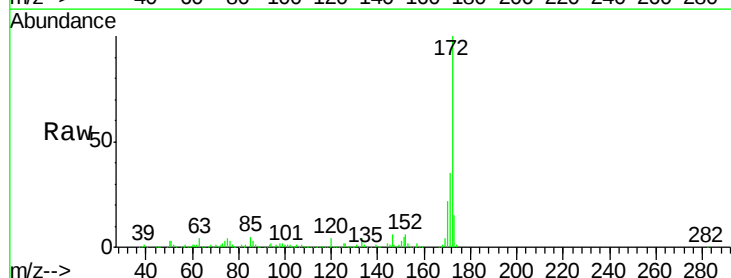


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

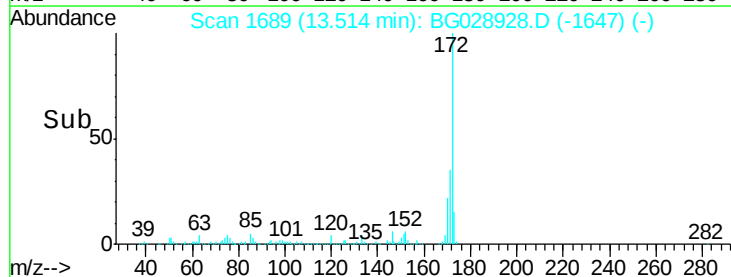
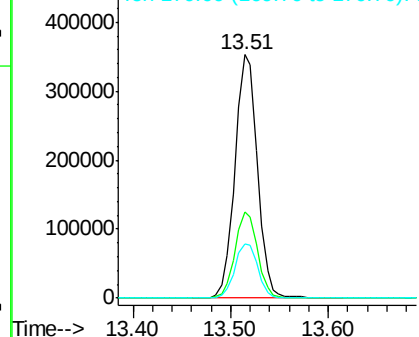


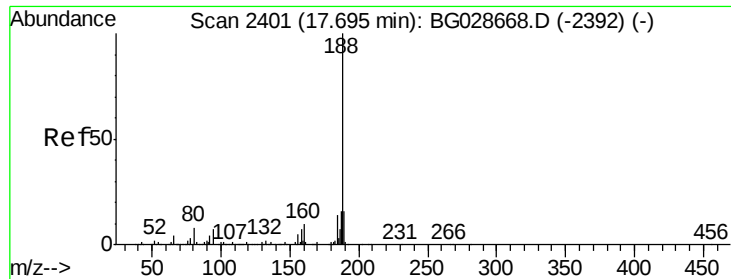
#44
 2-Fluorobiphenyl
 Concen: 99.37 ng
 RT: 13.51 min Scan# 1689
 Delta R.T. -0.05 min
 Lab File: BG028928.D
 Acq: 26 Sep 2017 4:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	32.2	48.2
170	22.3	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

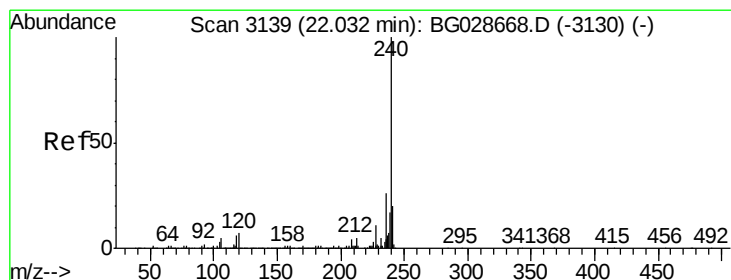
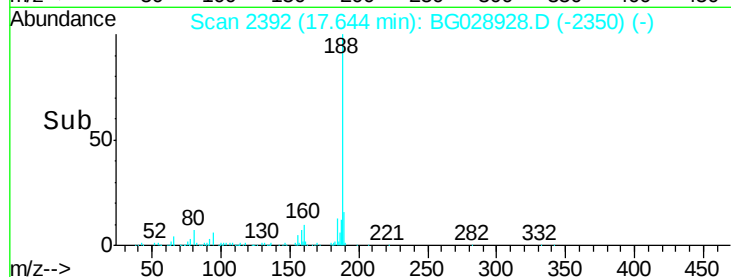
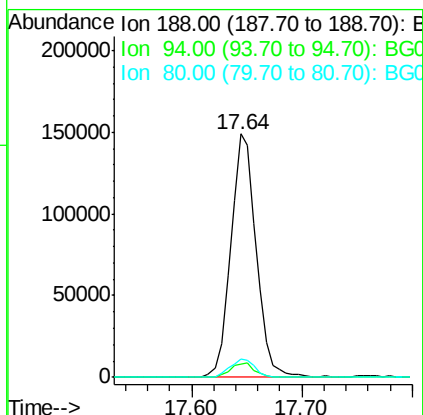
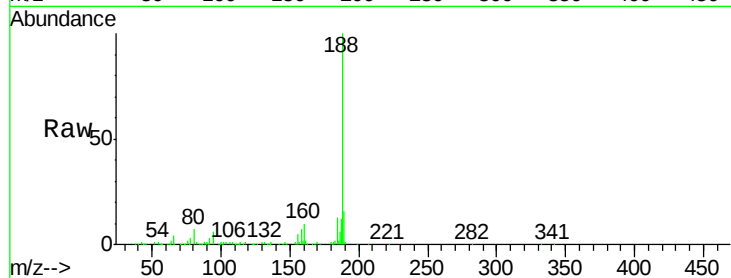




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.64 min Scan# 2392
Delta R.T. -0.05 min
Lab File: BG028928.D
Acq: 26 Sep 2017 4:33

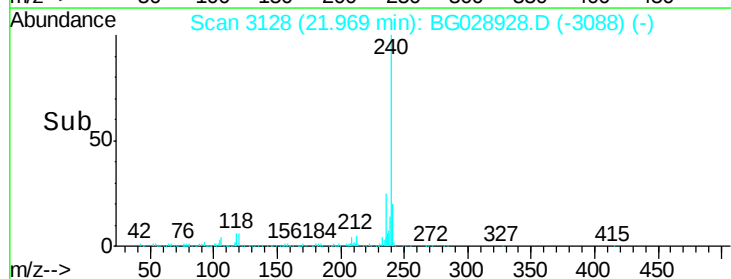
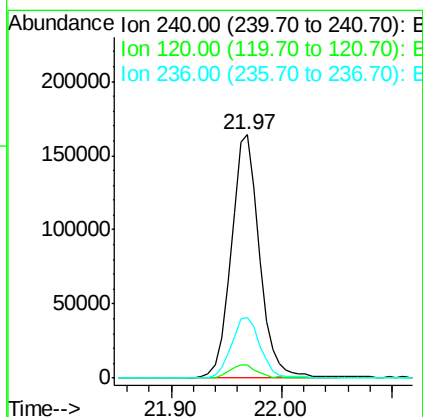
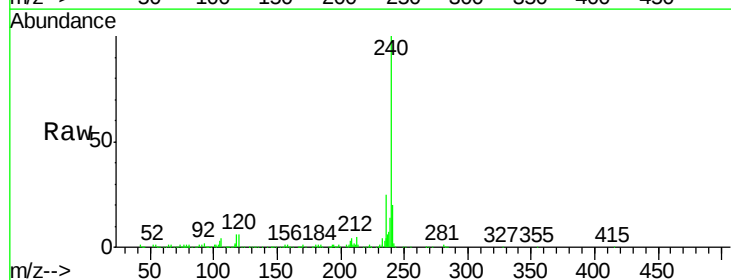
Instrument :
BNA_G
ClientSampleId :

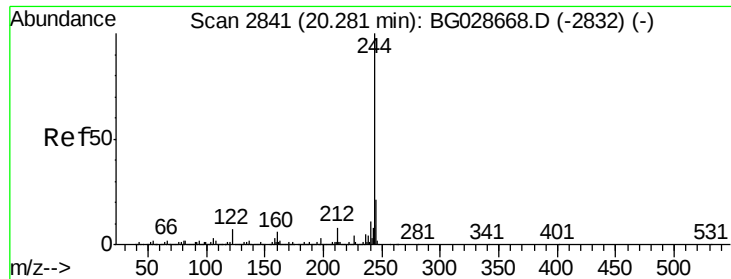
Tot Ion:188 Resp: 240170
Ion Ratio Lower Upper
188 100
94 5.5 5.8 8.8#
80 7.4 7.5 11.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.97 min Scan# 3128
Delta R.T. -0.06 min
Lab File: BG028928.D
Acq: 26 Sep 2017 4:33

Tgt Ion:240 Resp: 294165
Ion Ratio Lower Upper
240 100
120 5.7 5.7 8.5#
236 25.1 22.2 33.4





#78

Terphenyl-d14

Concen: 103.52 ng

RT: 20.24 min Scan# 2833

Delta R.T. -0.05 min

Lab File: BG028928.D

Acq: 26 Sep 2017 4:33

Instrument :

BNA_G

ClientSampled :

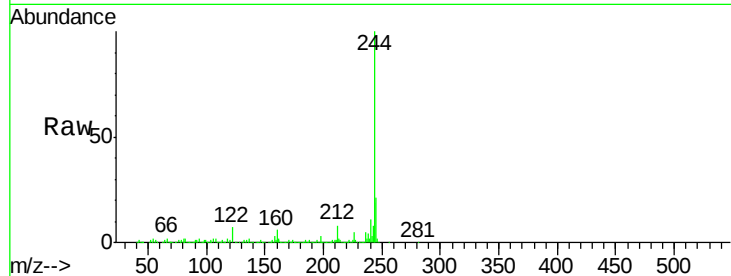
Tot Ion:244 Resp: 1427898

Ion Ratio Lower Upper

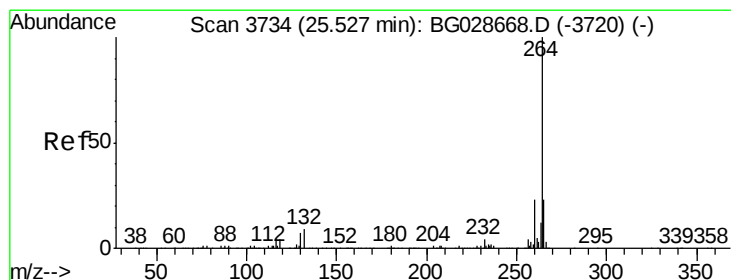
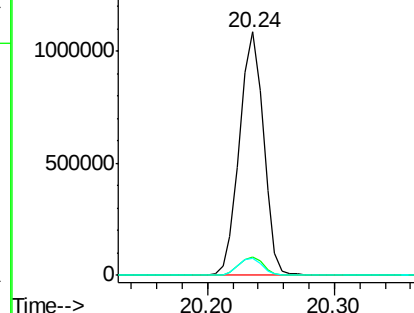
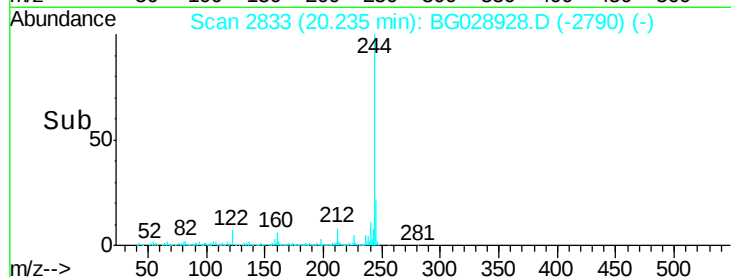
244 100

212 7.7 10.0 15.0#

122 7.3 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: BG028928.D

Acq: 26 Sep 2017 4:33

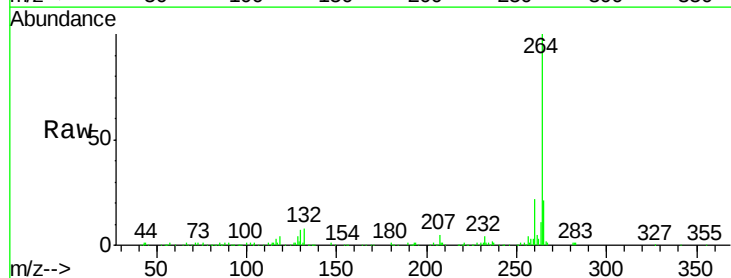
Tgt Ion:264 Resp: 294685

Ion Ratio Lower Upper

264 100

260 21.7 21.8 32.8#

265 21.2 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

