

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091117\
 Data File : BG028642.D
 Acq On : 11 Sep 2017 15:14
 Operator : SJ/JU
 Sample : I5167-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 12 04:40:06 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG090717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 07 18:39:50 2017
 Response via : Initial Calibration

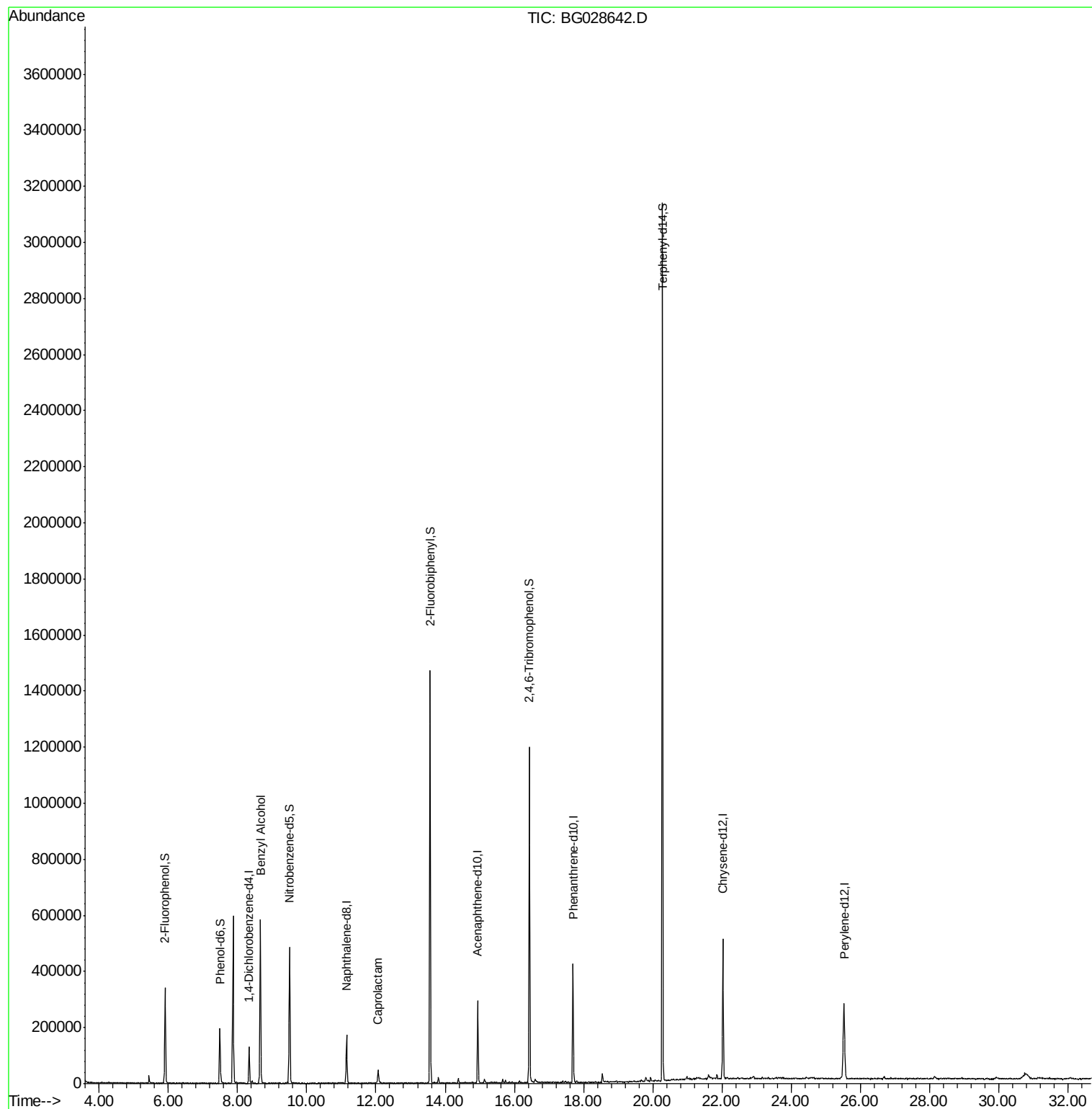
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	37440	20.00	ng	-0.01
21) Naphthalene-d8	11.15	136	146996	20.00	ng	-0.01
38) Acenaphthene-d10	14.95	164	103860	20.00	ng	0.00
63) Phenanthrene-d10	17.70	188	274716	20.00	ng	0.00
75) Chrysene-d12	22.03	240	337482	20.00	ng	-0.01
86) Perylene-d12	25.52	264	326841	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.91	112	146368	65.82	ng	0.00
7) Phenol-d6	7.49	99	118283	36.67	ng	0.00
23) Nitrobenzene-d5	9.50	82	310022	96.84	ng	0.00
41) 2,4,6-Tribromophenol	16.44	330	257060	162.84	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	775949	97.74	ng	0.00
78) Terphenyl-d14	20.28	244	1356381	86.59	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.65	79	5532	2.164	ng	# 66
35) Caprolactam	12.07	113	10508	11.163	ng	# 82

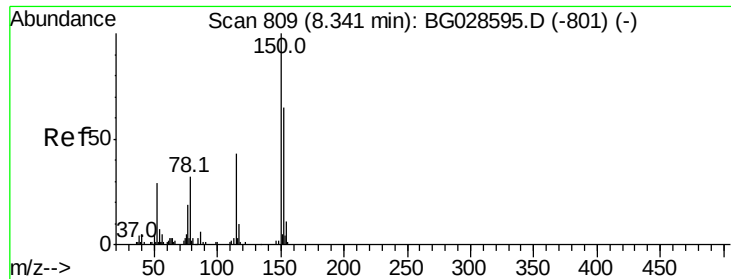
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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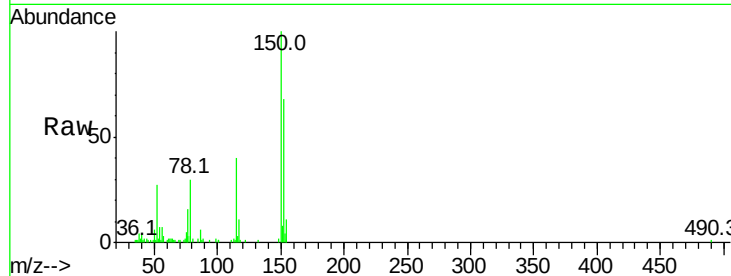


#1

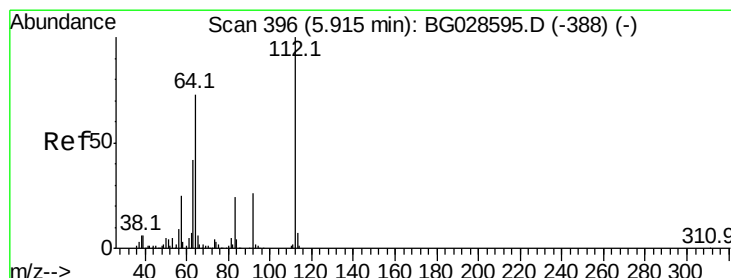
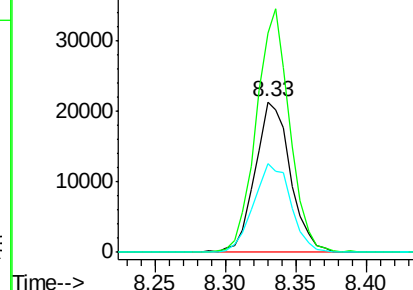
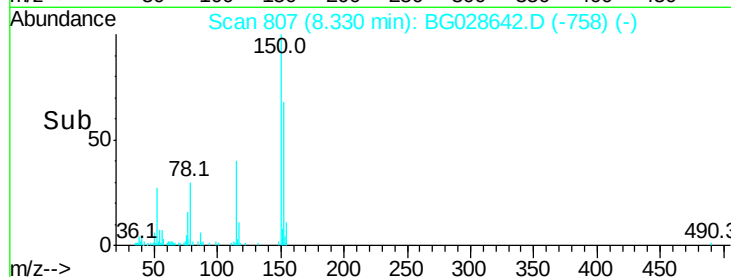
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.33 min Scan# 807
Delta R.T. -0.01 min
Lab File: BG028642.D
Acq: 11 Sep 2017 15:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 37440
Ion Ratio Lower Upper
152 100
150 146.0 114.0 171.0
115 58.9 48.1 72.1



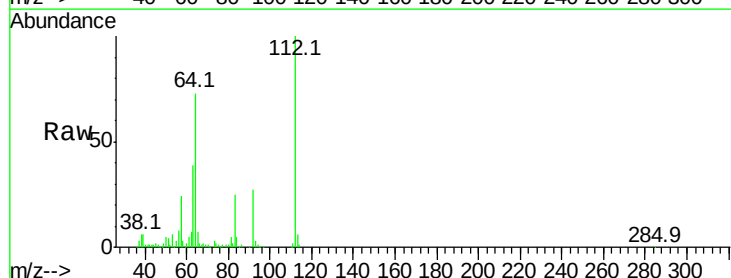
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



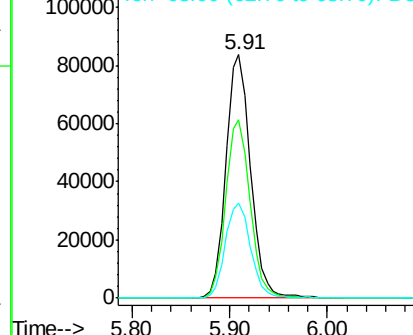
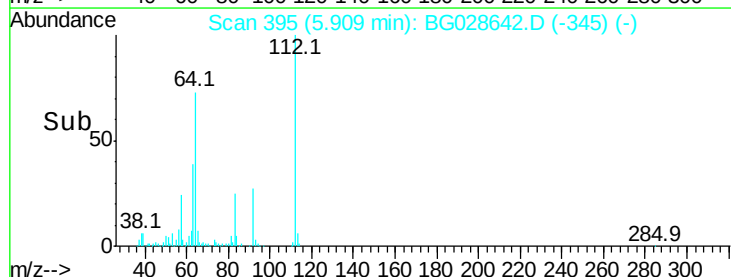
#5

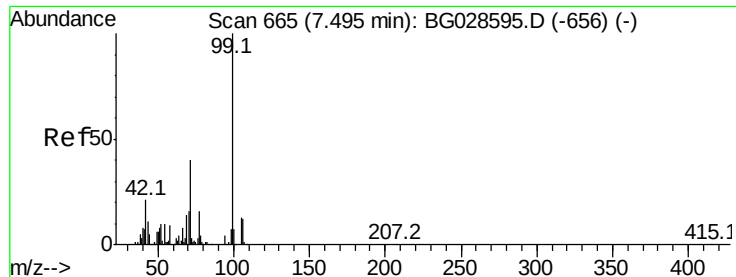
2-Fluorophenol
Concen: 65.824 ng
RT: 5.91 min Scan# 395
Delta R.T. -0.00 min
Lab File: BG028642.D
Acq: 11 Sep 2017 15:14

Tgt Ion:112 Resp: 146368
Ion Ratio Lower Upper
112 100
64 73.3 61.8 92.6
63 38.9 37.2 55.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 36.673 ng

RT: 7.49 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG028642.D

Acq: 11 Sep 2017 15:14

Instrument :

BNA_G

ClientSampleId :

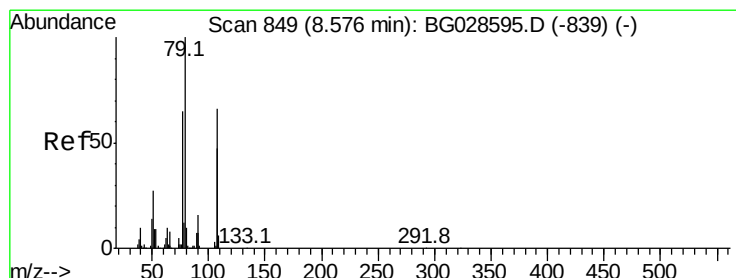
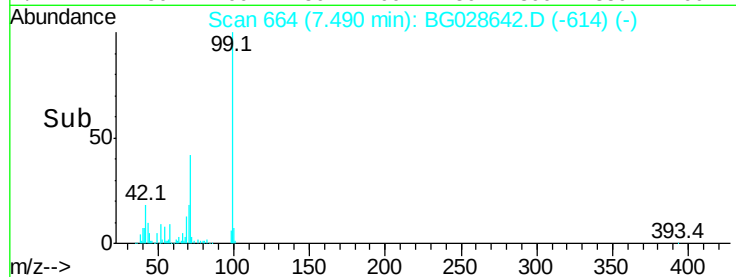
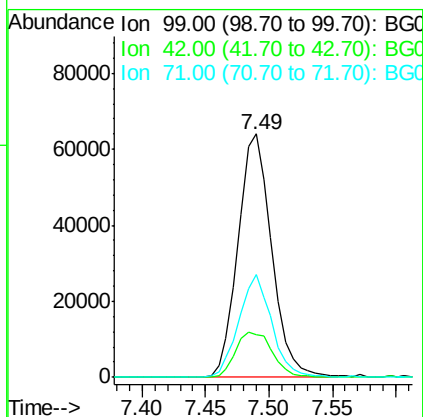
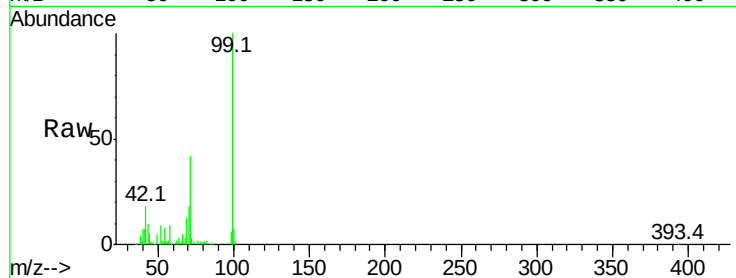
Tot Ion: 99 Resp: 118283

Ion Ratio Lower Upper

99 100

42 17.6 20.5 30.7#

71 42.4 37.6 56.4



#15

Benzyl Alcohol

Concen: 2.164 ng

RT: 8.65 min Scan# 862

Delta R.T. 0.08 min

Lab File: BG028642.D

Acq: 11 Sep 2017 15:14

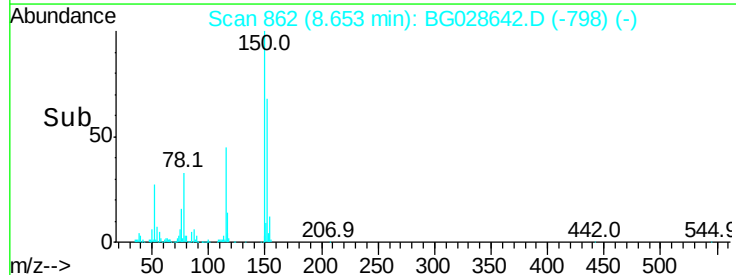
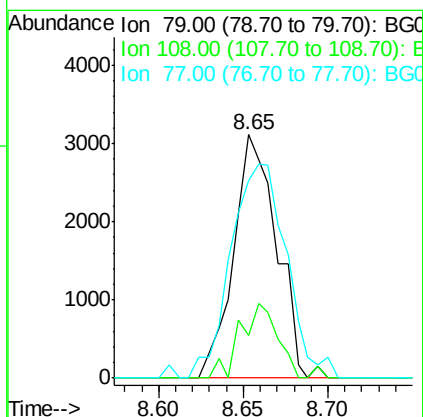
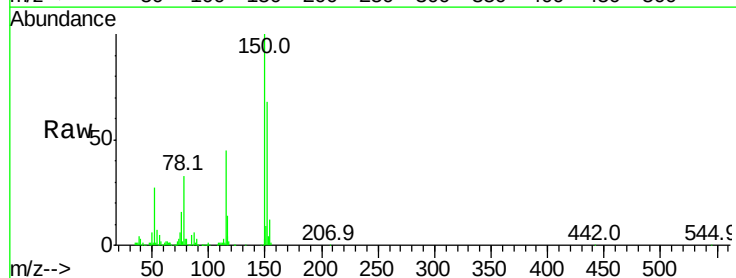
Tgt Ion: 79 Resp: 5532

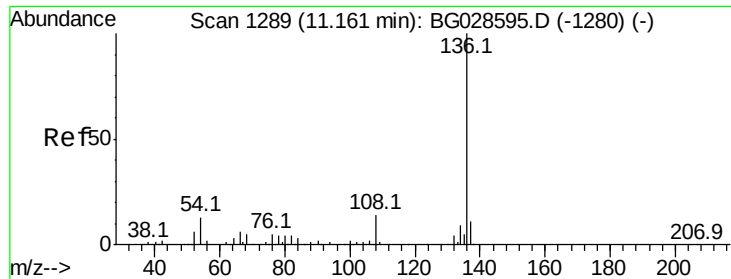
Ion Ratio Lower Upper

79 100

108 17.4 45.5 68.3#

77 81.4 54.3 81.5

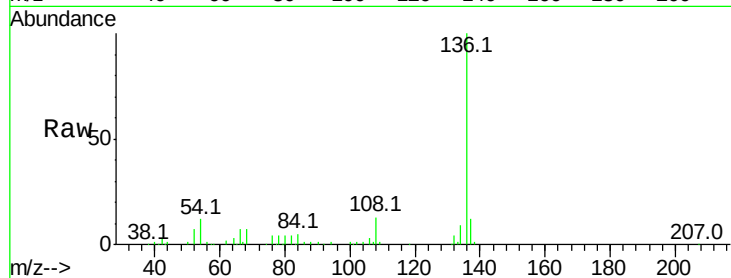




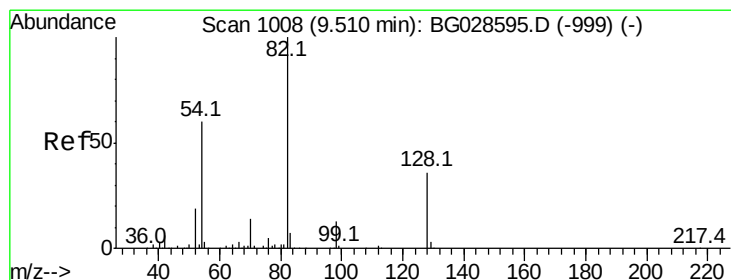
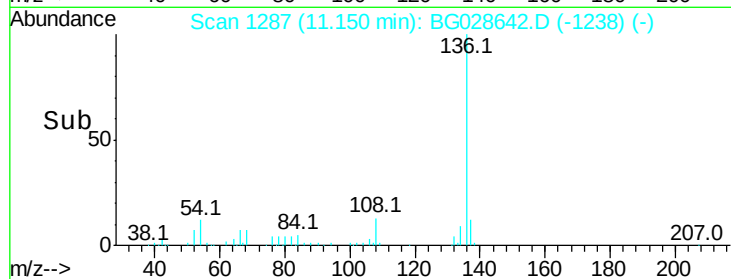
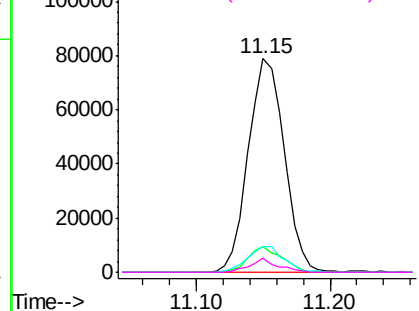
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.15 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BG028642.D
Acq: 11 Sep 2017 15:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	146996
Ion	Ratio	Lower	Upper
136	100		
137	12.2	8.9	13.3
54	12.1	9.3	13.9
68	6.6	5.1	7.7

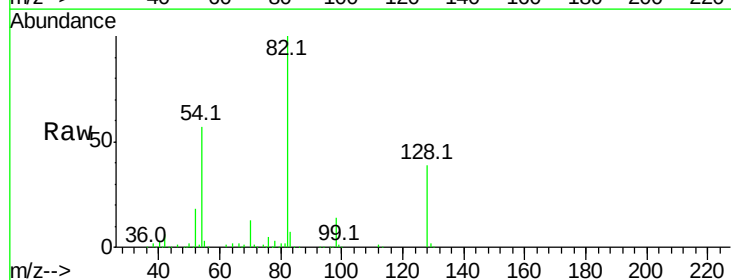


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

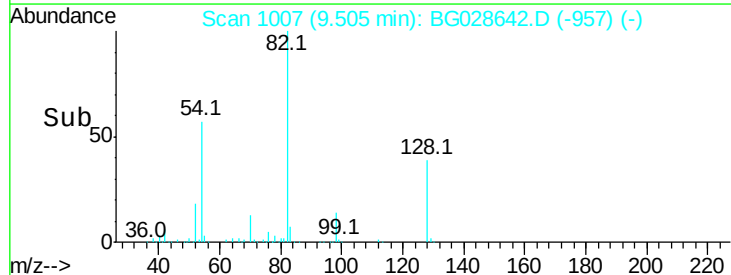
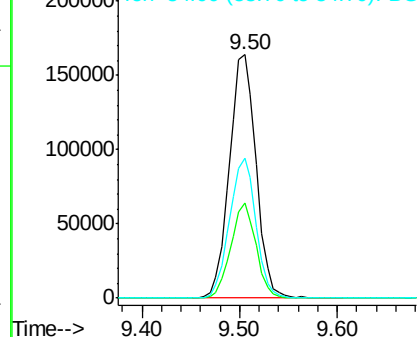


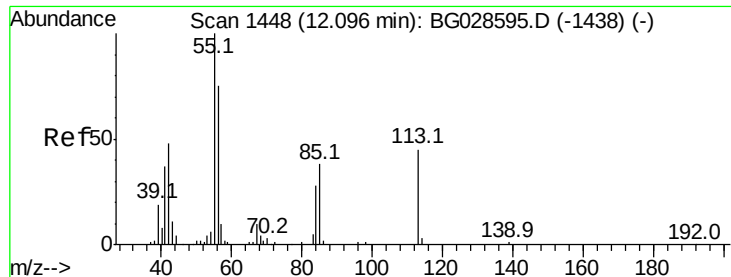
#23
Nitrobenzene-d5
Concen: 96.843 ng
RT: 9.50 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG028642.D
Acq: 11 Sep 2017 15:14

Tgt Ion:	82	Resp:	310022
Ion	Ratio	Lower	Upper
82	100		
128	39.3	26.4	39.6
54	57.4	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





#35

Caprolactam

Concen: 11.163 ng

RT: 12.07 min Scan# 1443

Delta R.T. -0.03 min

Lab File: BG028642.D

Acq: 11 Sep 2017 15:14

Instrument :

BNA_G

ClientSampleId :

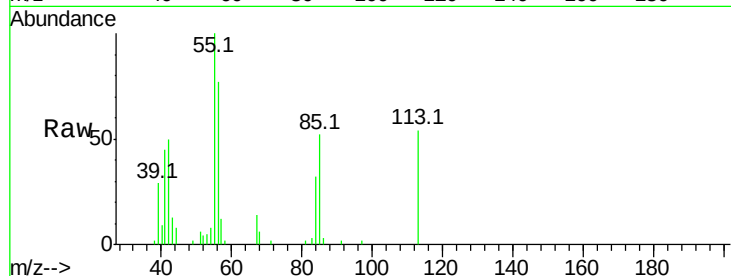
Tot Ion:113 Resp: 10508

Ion Ratio Lower Upper

113 100

55 184.8 198.6 238.6#

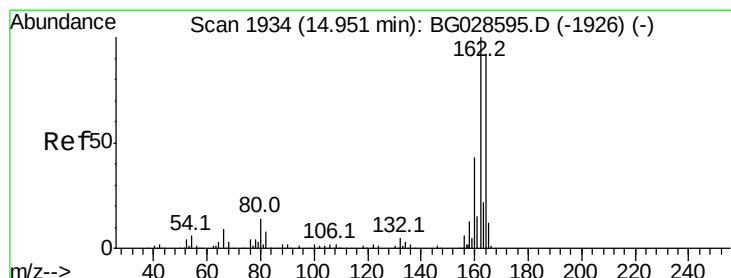
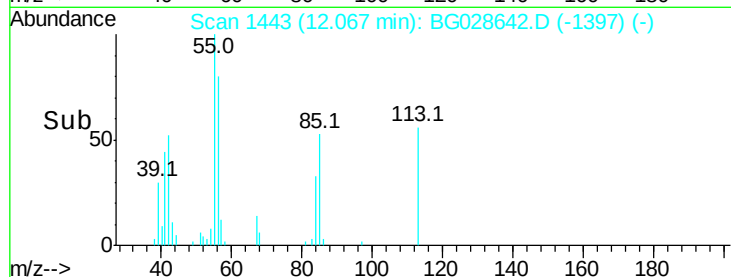
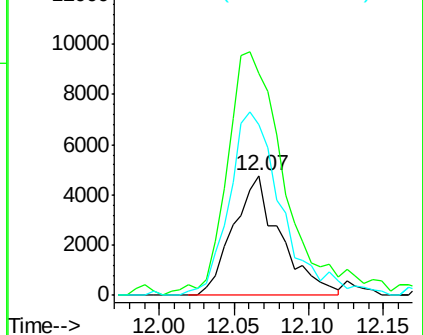
56 142.4 140.4 180.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.95 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BG028642.D

Acq: 11 Sep 2017 15:14

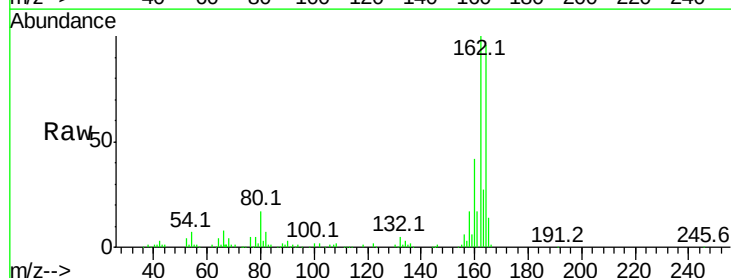
Tgt Ion:164 Resp: 103860

Ion Ratio Lower Upper

164 100

162 104.0 85.1 127.7

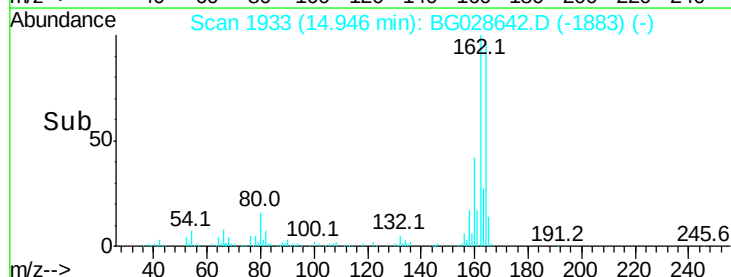
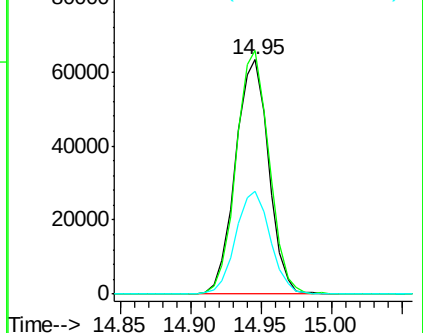
160 43.8 34.7 52.1

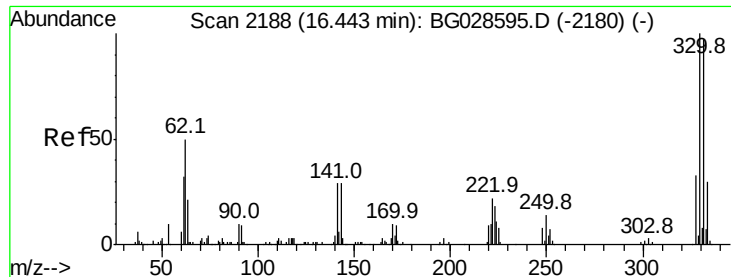


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

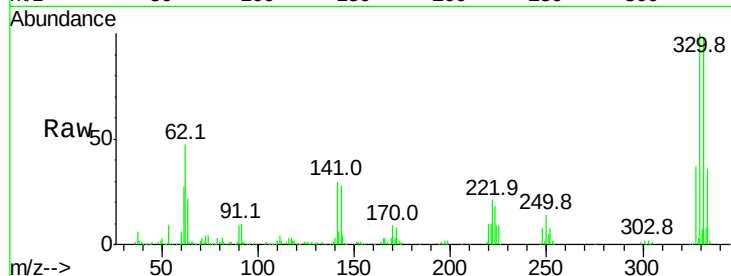




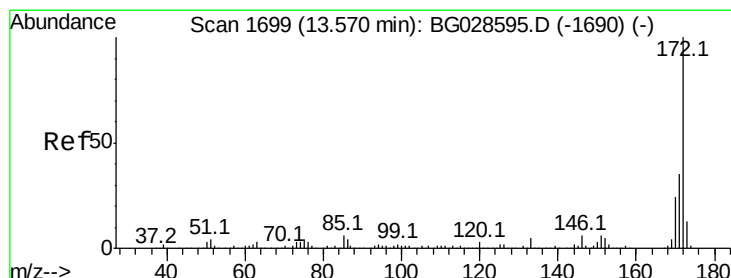
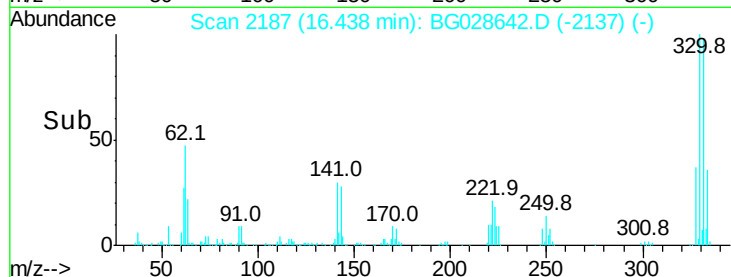
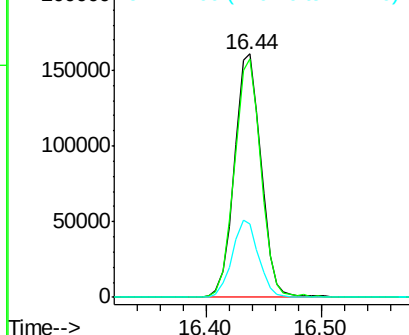
#41
 2,4,6-Tribromophenol
 Concen: 162.844 ng
 RT: 16.44 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG028642.D
 Acq: 11 Sep 2017 15:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.3	115.9
141	31.5	32.1	48.1#

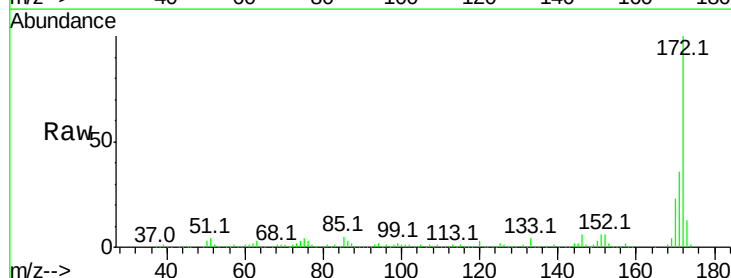


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

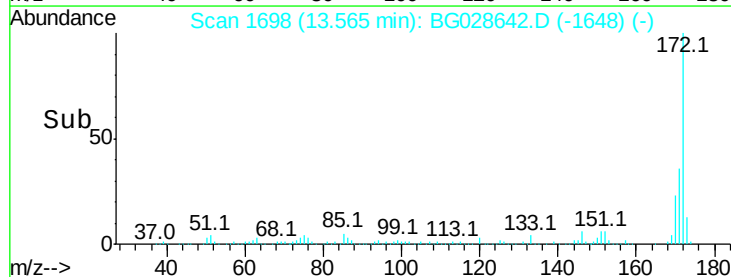
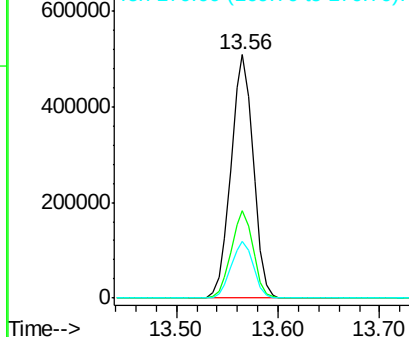


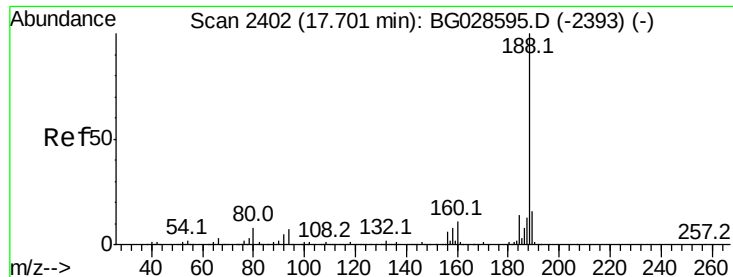
#44
 2-Fluorobiphenyl
 Concen: 97.739 ng
 RT: 13.56 min Scan# 1698
 Delta R.T. -0.01 min
 Lab File: BG028642.D
 Acq: 11 Sep 2017 15:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	32.2	48.2
170	23.5	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

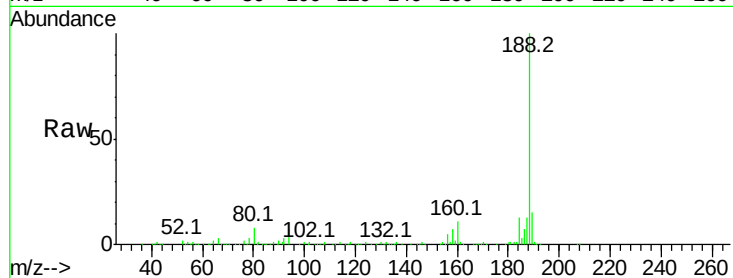




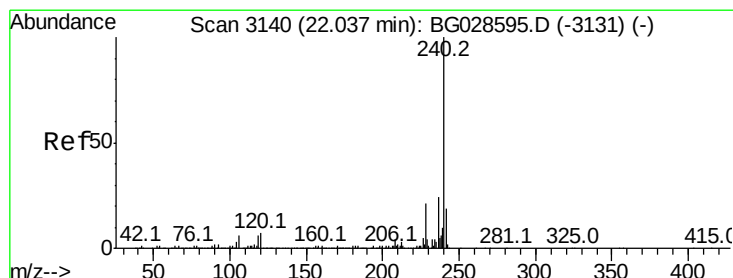
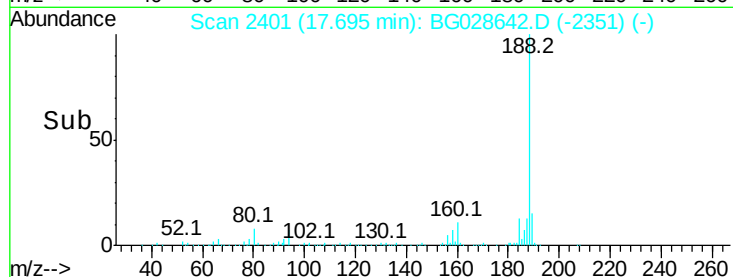
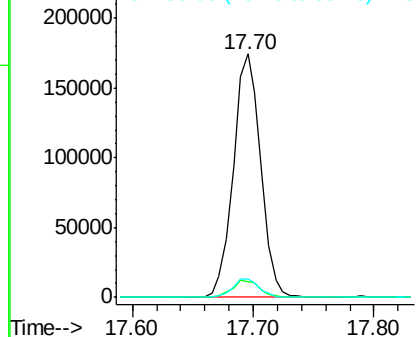
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.70 min Scan# 2401
Delta R.T. -0.01 min
Lab File: BG028642.D
Acq: 11 Sep 2017 15:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 274716
Ion Ratio Lower Upper
188 100
94 6.5 5.8 8.8
80 7.6 7.5 11.3

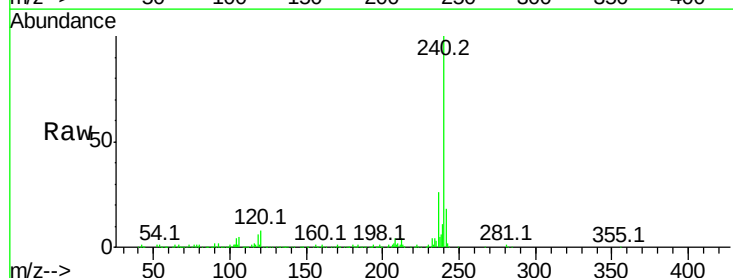


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

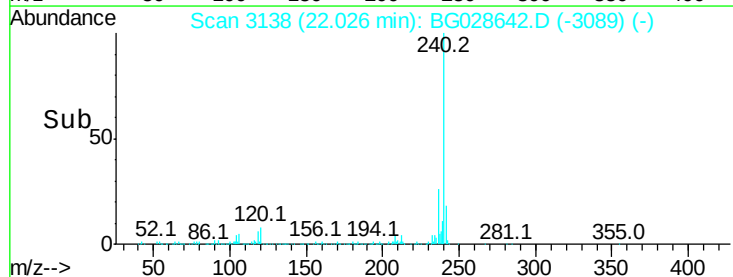
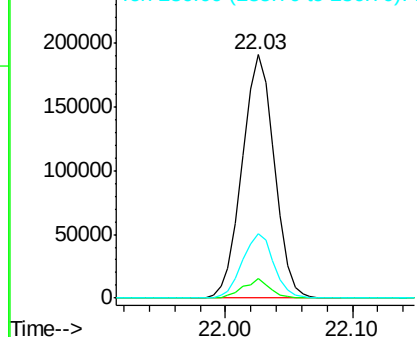


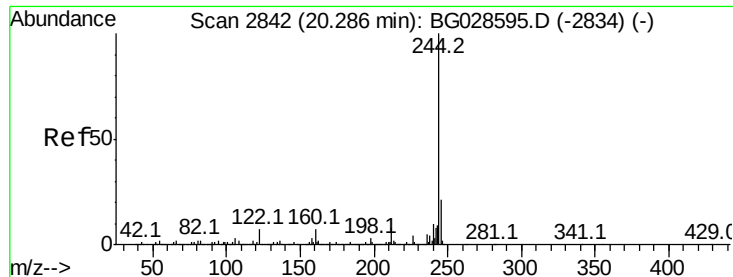
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.03 min Scan# 3138
Delta R.T. -0.01 min
Lab File: BG028642.D
Acq: 11 Sep 2017 15:14

Tgt Ion:240 Resp: 337482
Ion Ratio Lower Upper
240 100
120 7.9 5.7 8.5
236 26.2 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: 86.593 ng

RT: 20.28 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BG028642.D

Acq: 11 Sep 2017 15:14

Instrument :

BNA_G

ClientSampleId :

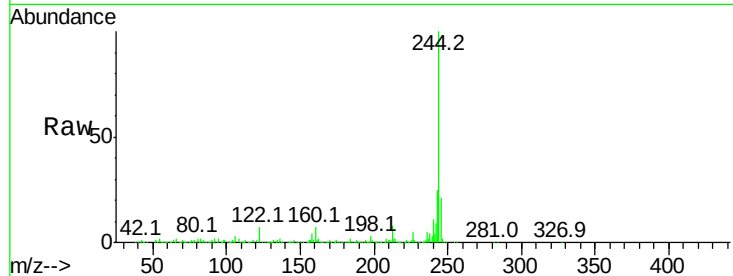
Tot Ion:244 Resp: 1356381

Ion Ratio Lower Upper

244 100

212 8.1 10.0 15.0#

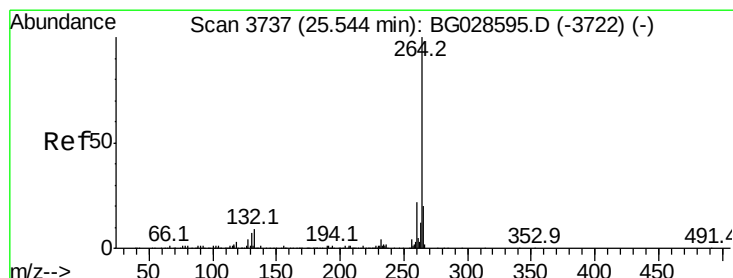
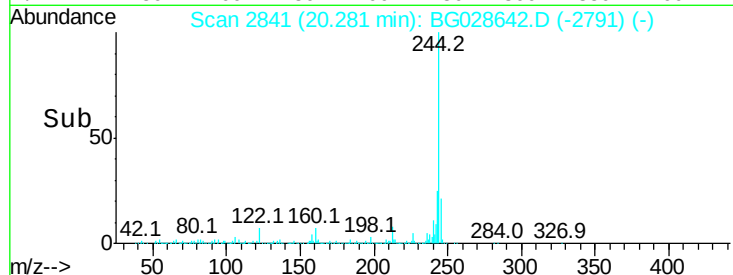
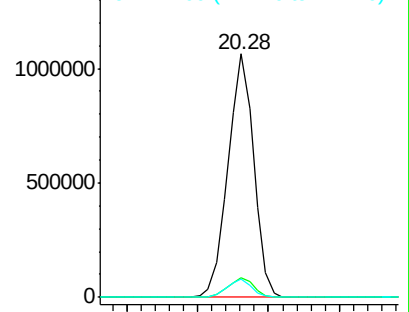
122 7.5 8.6 12.8#



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: 20.000 ng

RT: 25.52 min Scan# 3733

Delta R.T. -0.02 min

Lab File: BG028642.D

Acq: 11 Sep 2017 15:14

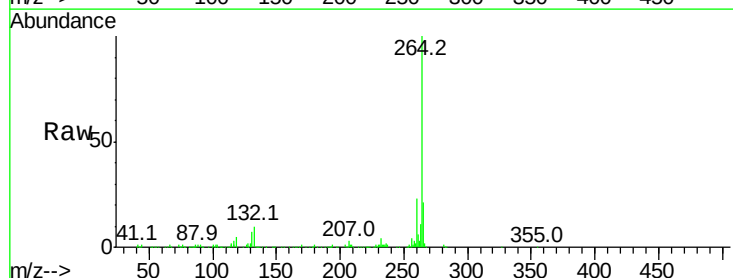
Tgt Ion:264 Resp: 326841

Ion Ratio Lower Upper

264 100

260 23.1 21.8 32.8

265 21.4 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

