

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072716\
 Data File : BG023282.D
 Acq On : 27 Jul 2016 14:22
 Operator : UM/SJ
 Sample : H4152-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-11-5.0-15.0

Quant Time: Jul 28 02:14:19 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG072616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 17:30:33 2016
 Response via : Initial Calibration

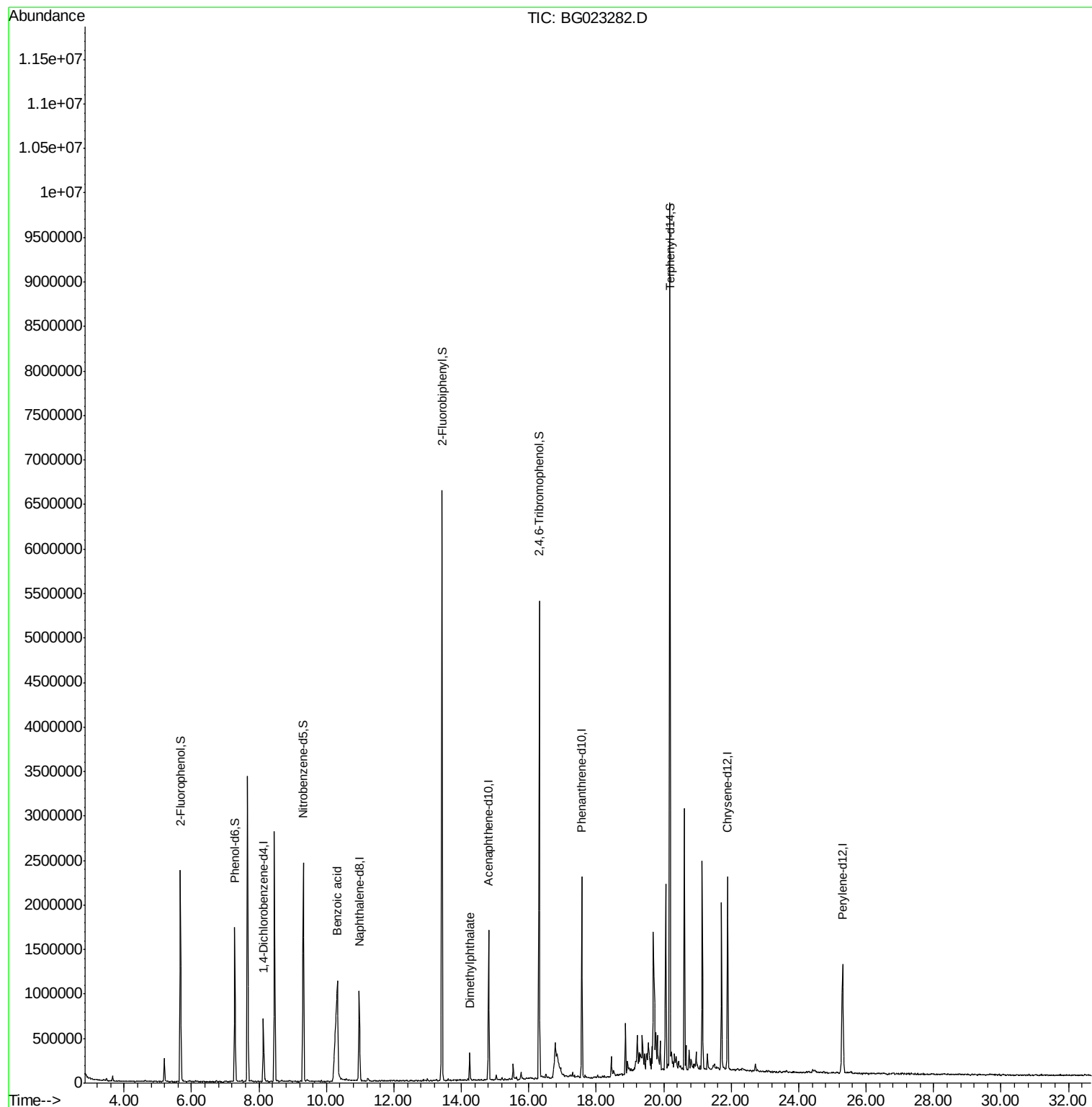
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	204736	20.00	ng	-0.01
21) Naphthalene-d8	10.97	136	859164	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	561585	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1276719	20.00	ng	0.00
75) Chrysene-d12	21.89	240	1255302	20.00	ng	0.00
86) Perylene-d12	25.30	264	1305077	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	1015564	84.68	ng	0.00
7) Phenol-d6	7.28	99	1086487	59.01	ng	0.00
23) Nitrobenzene-d5	9.31	82	1576858	89.75	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	915322	157.47	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2949176	98.29	ng	0.00
78) Terphenyl-d14	20.18	244	3369365	87.25	ng	0.00
Target Compounds						
32) Benzoic acid	10.33	122	1055306	91.04	ng	90
49) Dimethylphthalate	14.25	163	194894	4.70	ng	98

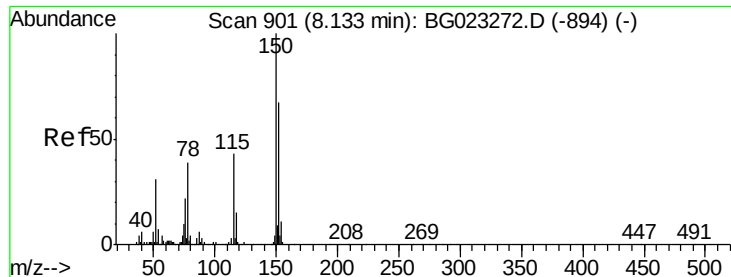
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 27 17:30:33 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.13 min Scan# 901

Delta R.T. -0.01 min

Lab File: BG023282.D

Acq: 27 Jul 2016 14:22

Instrument :

BNA_G

ClientSampleId :

GW-11-5.0-15.0

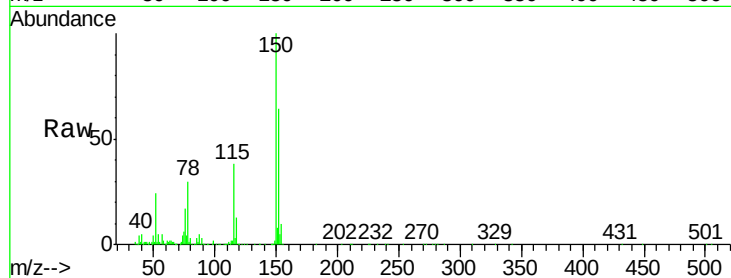
Tot Ion:152 Resp: 204736

Ion Ratio Lower Upper

152 100

150 155.4 144.7 217.1

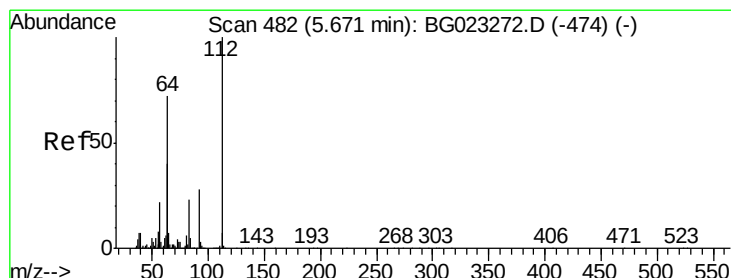
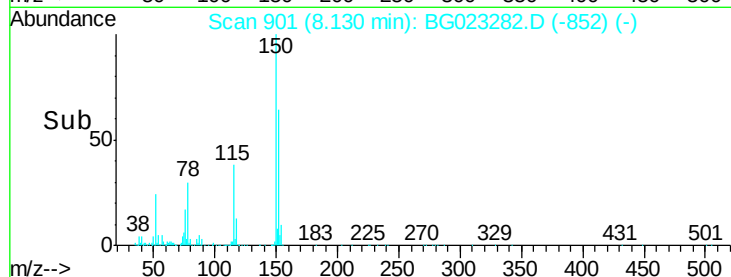
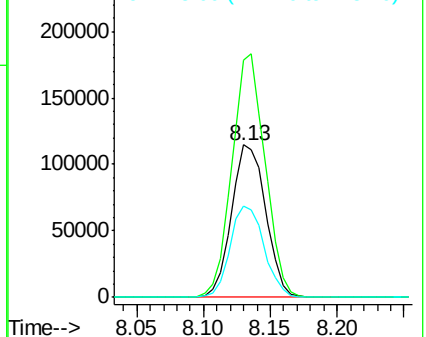
115 59.6 64.0 96.0#



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: 84.68 ng

RT: 5.67 min Scan# 482

Delta R.T. -0.00 min

Lab File: BG023282.D

Acq: 27 Jul 2016 14:22

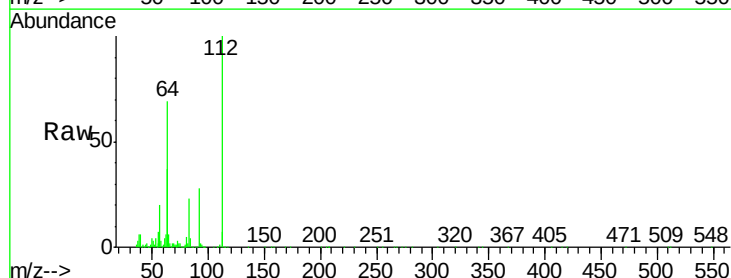
Tgt Ion:112 Resp: 1015564

Ion Ratio Lower Upper

112 100

64 68.5 59.0 88.4

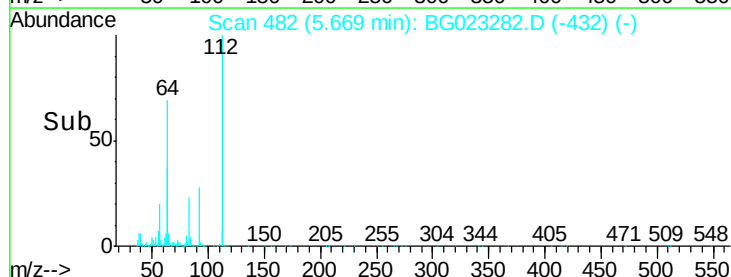
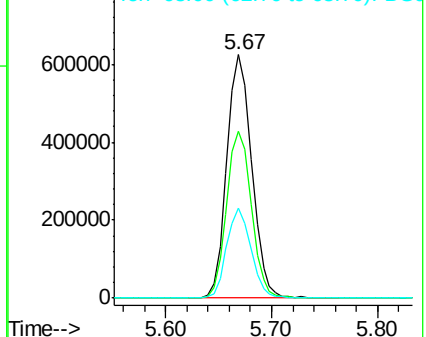
63 36.9 37.8 56.8#

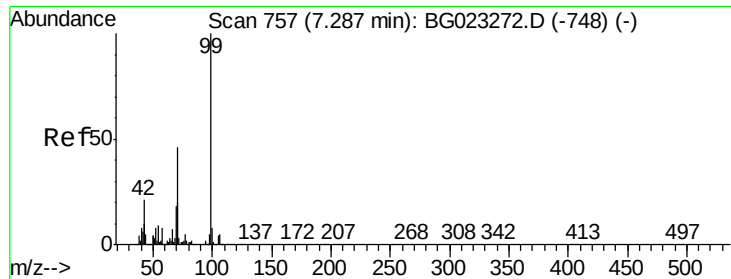


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 59.01 ng

RT: 7.28 min Scan# 757

Delta R.T. -0.00 min

Lab File: BG023282.D

Acq: 27 Jul 2016 14:22

Instrument :

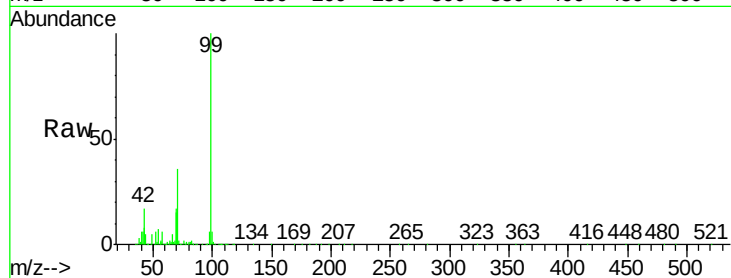
BNA_G

ClientSampleId :

GW-11-5.0-15.0

Tot Ion: 99 Resp: 1086487

Ion	Ratio	Lower	Upper
99	100		
42	17.0	17.8	26.6#
71	35.6	41.5	62.3#

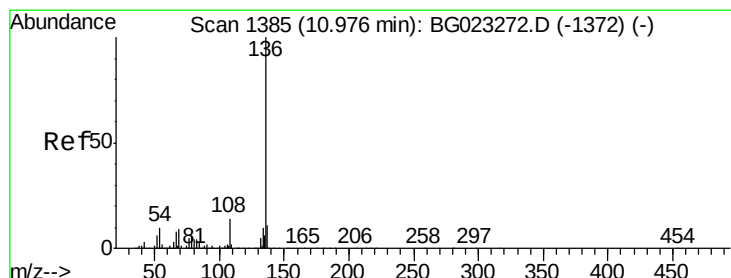
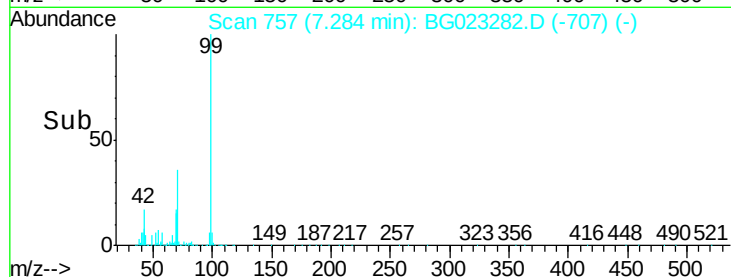


Abundance

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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.97 min Scan# 1385

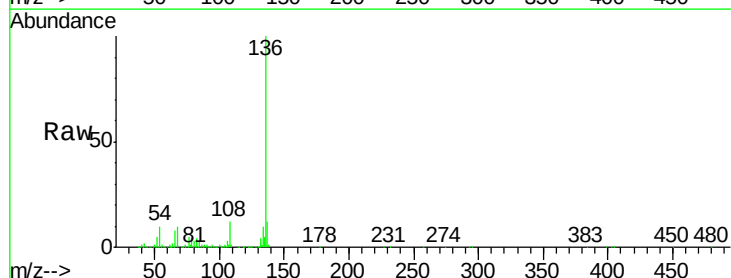
Delta R.T. -0.00 min

Lab File: BG023282.D

Acq: 27 Jul 2016 14:22

Tgt Ion: 136 Resp: 859164

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.6	14.4
54	10.5	7.3	10.9
68	9.8	5.3	7.9#



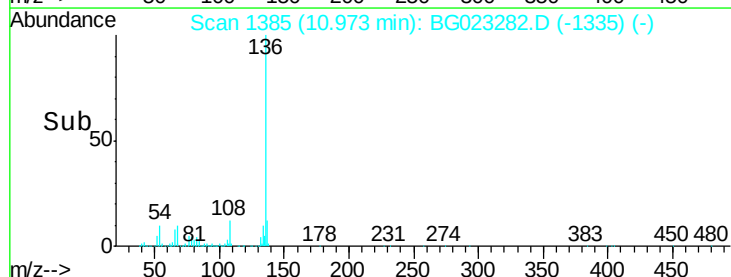
Abundance

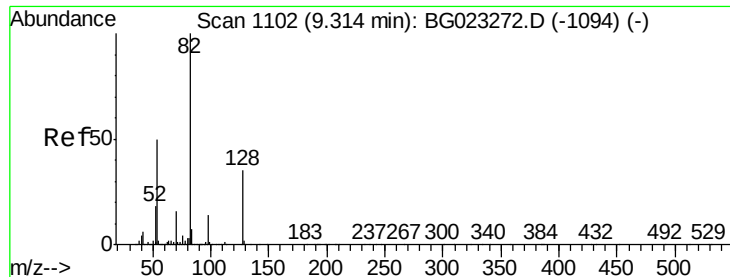
Ion 136.00 (135.70 to 136.70): BGC

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

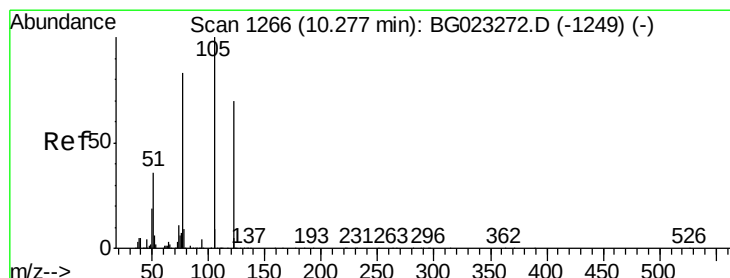
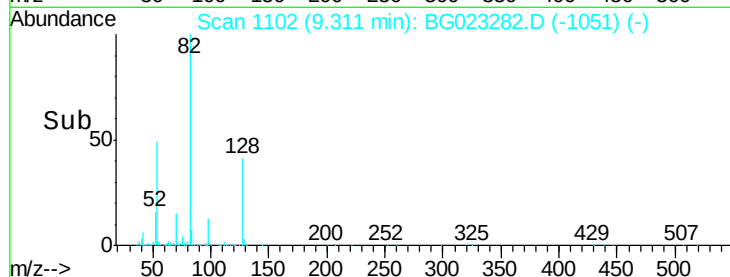
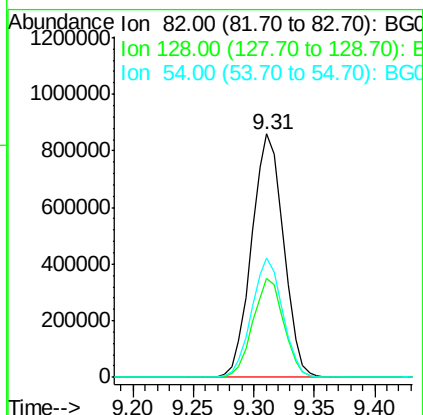
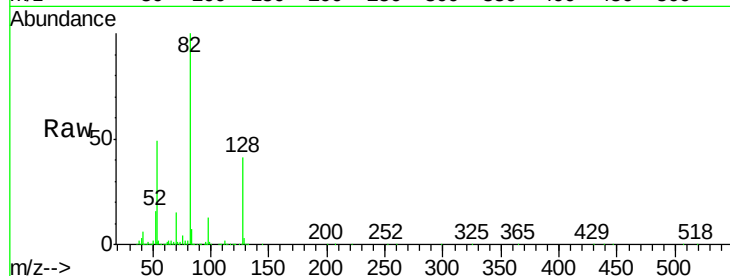




#23
 Nitrobenzene-d5
 Concen: 89.75 ng
 RT: 9.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: BG023282.D
 Acq: 27 Jul 2016 14:22

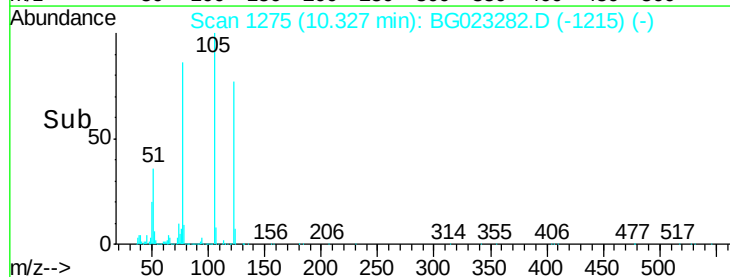
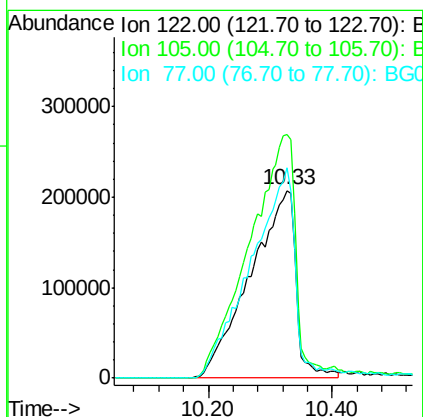
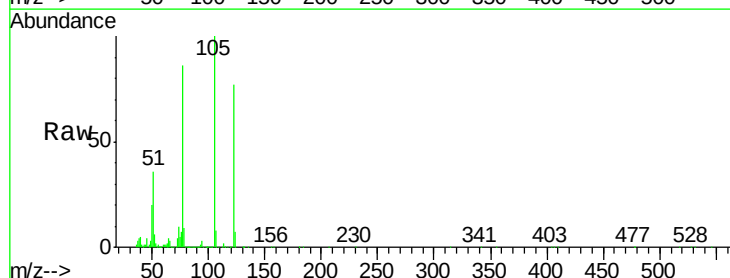
Instrument :
 BNA_G
 ClientSampleId :
 GW-11-5.0-15.0

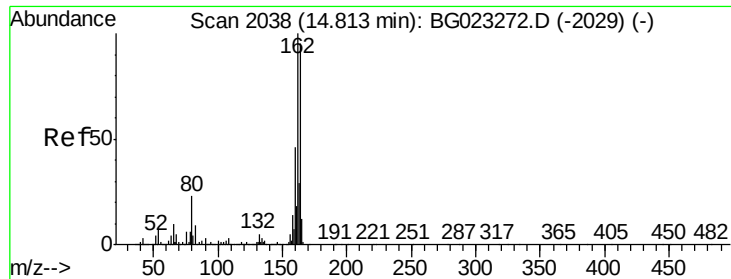
Tot Ion: 82 Resp: 1576858
 Ion Ratio Lower Upper
 82 100
 128 40.9 24.4 36.6#
 54 49.1 41.4 62.0



#32
 Benzoic acid
 Concen: 91.04 ng
 RT: 10.33 min Scan# 1275
 Delta R.T. 0.05 min
 Lab File: BG023282.D
 Acq: 27 Jul 2016 14:22

Tgt Ion: 122 Resp: 1055306
 Ion Ratio Lower Upper
 122 100
 105 129.7 117.2 157.2
 77 111.8 109.2 149.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.81 min Scan# 2038

Delta R.T. 0.00 min

Lab File: BG023282.D

Acq: 27 Jul 2016 14:22

Instrument :

BNA_G

ClientSampleId :

GW-11-5.0-15.0

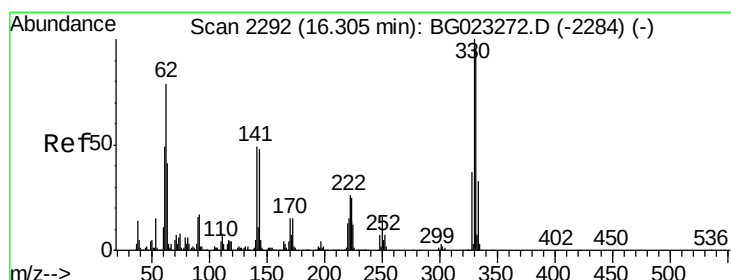
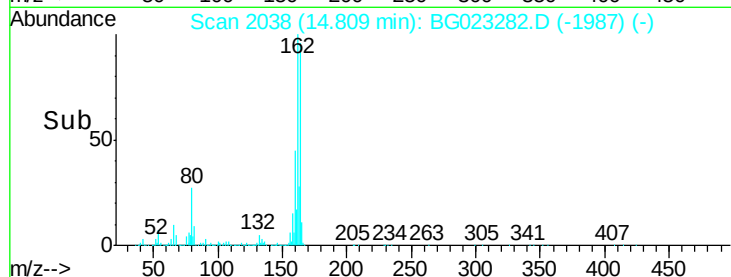
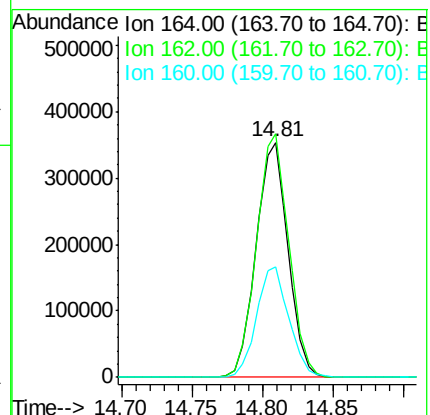
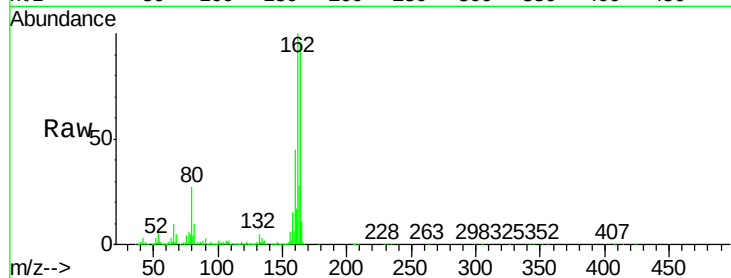
Tot Ion:164 Resp: 561585

Ion Ratio Lower Upper

164 100

162 103.6 87.7 131.5

160 47.0 37.2 55.8



#41

2,4,6-Tribromophenol

Concen: 157.47 ng

RT: 16.31 min Scan# 2293

Delta R.T. 0.00 min

Lab File: BG023282.D

Acq: 27 Jul 2016 14:22

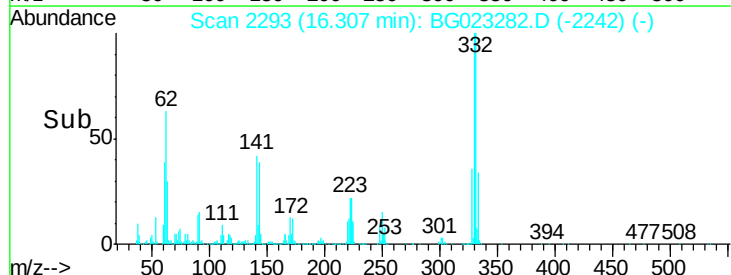
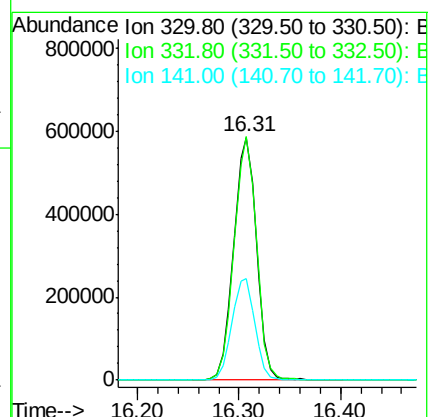
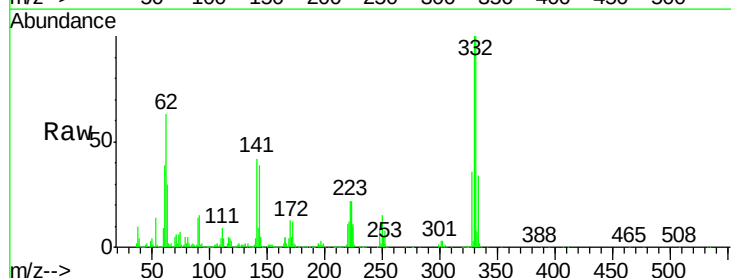
Tgt Ion:330 Resp: 915322

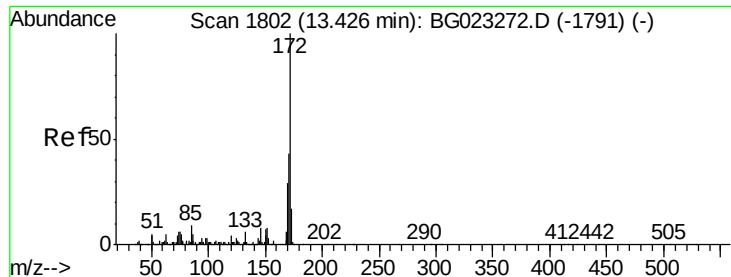
Ion Ratio Lower Upper

330 100

332 98.4 77.4 116.2

141 42.0 31.7 47.5





#44

2-Fluorobiphenyl

Concen: 98.29 ng

RT: 13.42 min Scan# 1802

Delta R.T. 0.00 min

Lab File: BG023282.D

Acq: 27 Jul 2016 14:22

Instrument :

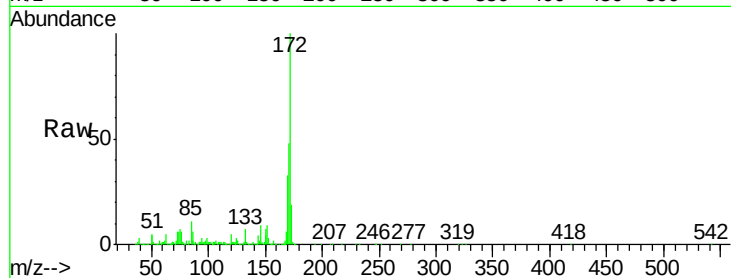
BNA_G

ClientSampleId :

GW-11-5.0-15.0

Tot Ion:172 Resp: 2949176

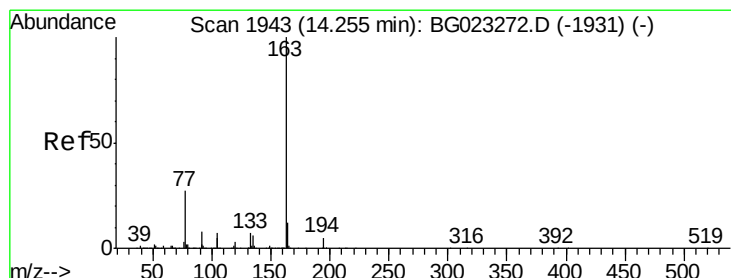
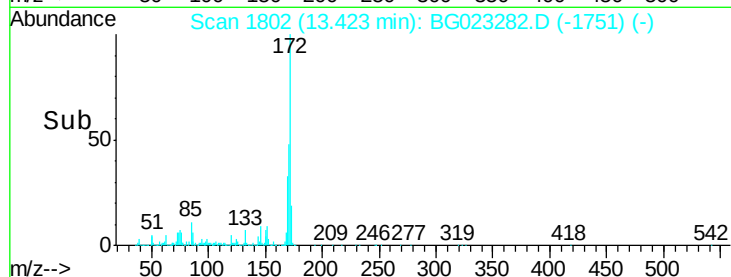
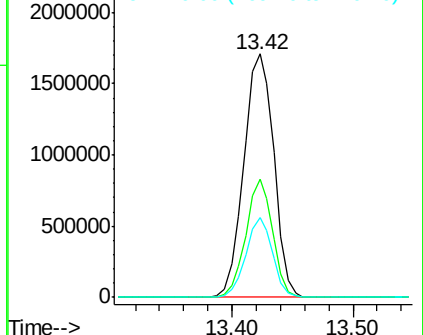
Ion	Ratio	Lower	Upper
172	100		
171	48.4	31.6	47.4#
170	32.6	21.3	31.9#



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: 4.70 ng

RT: 14.25 min Scan# 1942

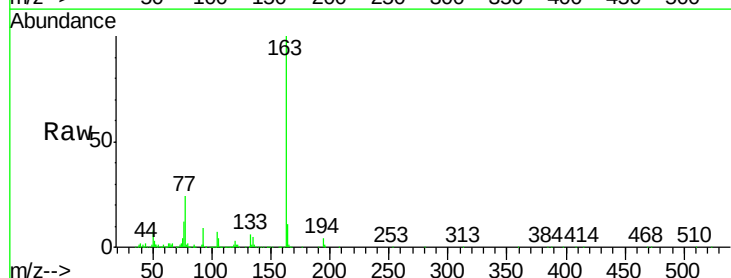
Delta R.T. -0.00 min

Lab File: BG023282.D

Acq: 27 Jul 2016 14:22

Tgt Ion:163 Resp: 194894

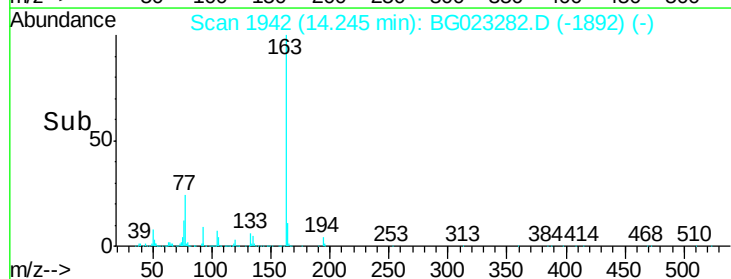
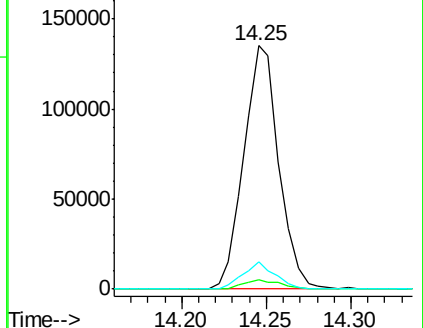
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.6	5.4
164	11.0	8.1	12.1

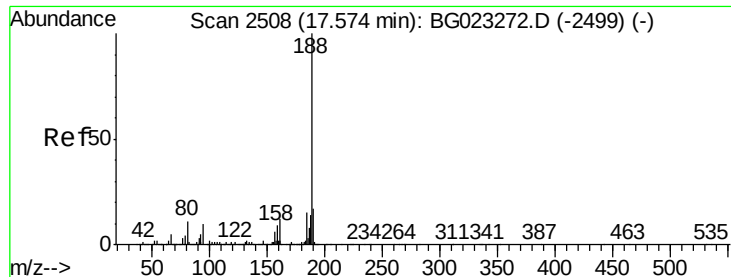


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

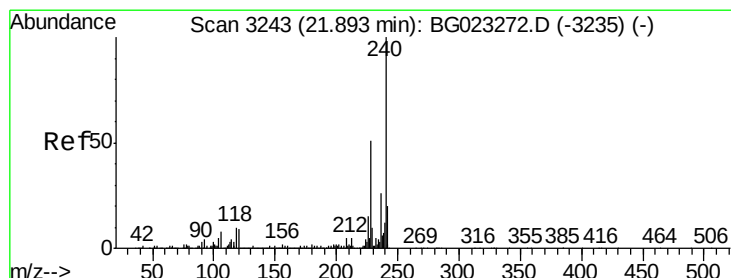
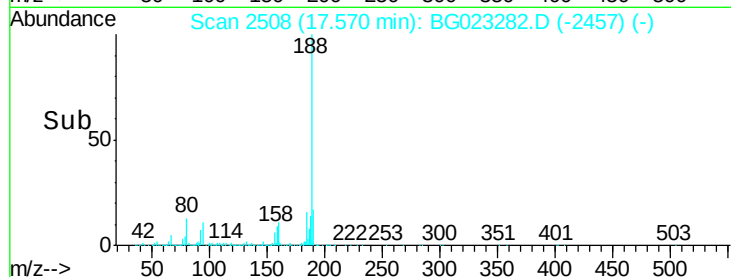
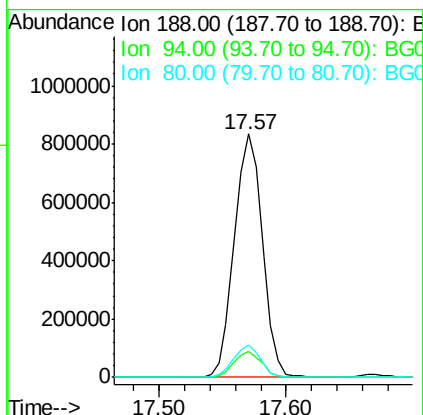
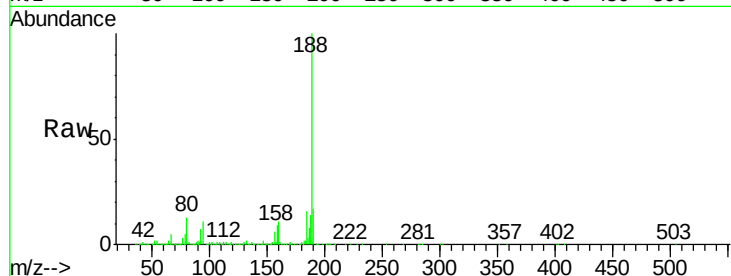




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 2508
Delta R.T. -0.00 min
Lab File: BG023282.D
Acq: 27 Jul 2016 14:22

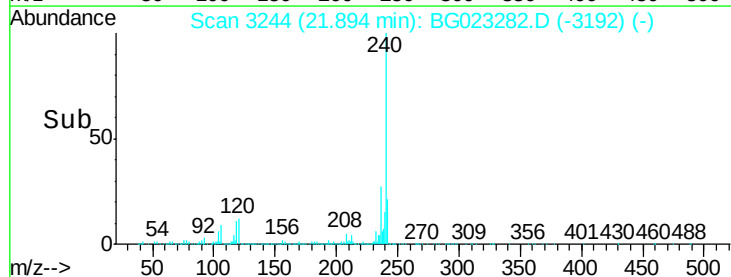
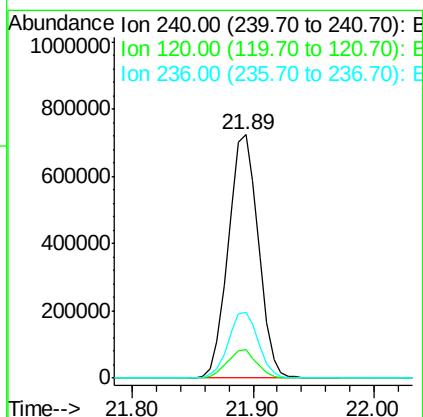
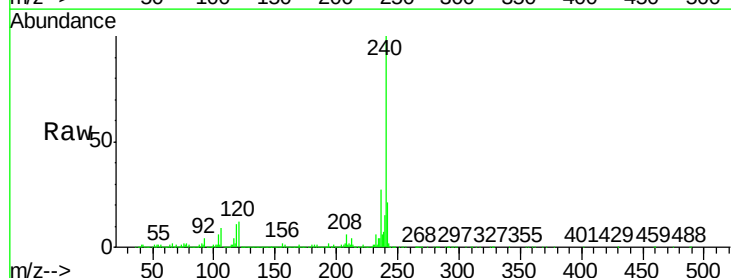
Instrument :
BNA_G
ClientSampleId :
GW-11-5.0-15.0

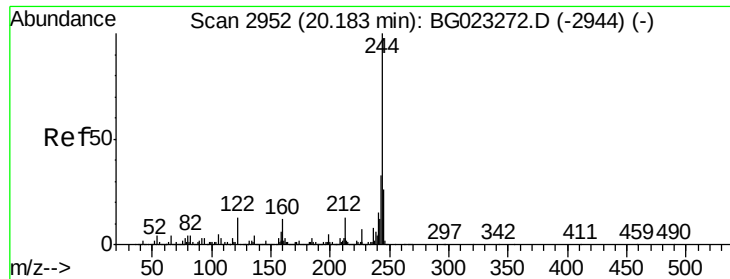
Tot Ion:188 Resp: 1276719
Ion Ratio Lower Upper
188 100
94 10.6 5.2 7.8#
80 13.1 7.2 10.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.89 min Scan# 3244
Delta R.T. 0.01 min
Lab File: BG023282.D
Acq: 27 Jul 2016 14:22

Tgt Ion:240 Resp: 1255302
Ion Ratio Lower Upper
240 100
120 11.9 4.1 6.1#
236 27.2 21.1 31.7





#78

Terphenyl-d14

Concen: 87.25 ng

RT: 20.18 min Scan# 2953

Delta R.T. 0.01 min

Lab File: BG023282.D

Acq: 27 Jul 2016 14:22

Instrument :

BNA_G

ClientSampleId :

GW-11-5.0-15.0

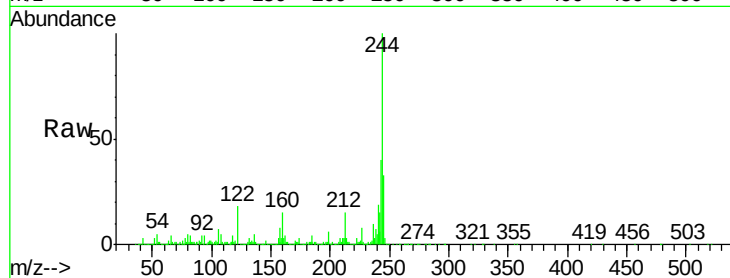
Tot Ion:244 Resp: 3369365

Ion Ratio Lower Upper

244 100

212 15.1 10.8 16.2

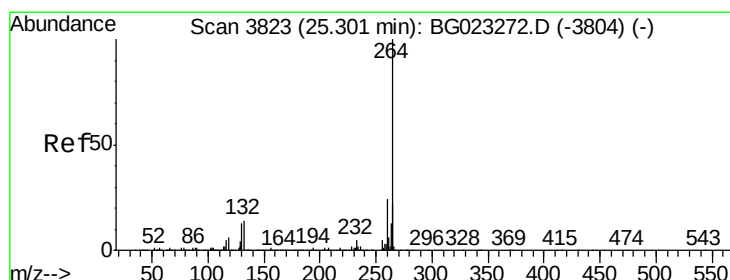
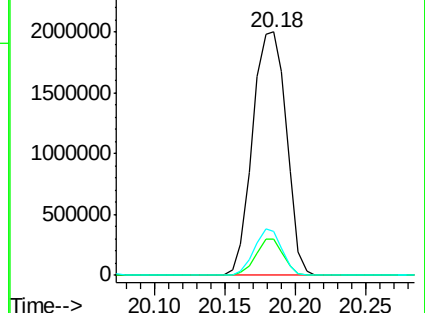
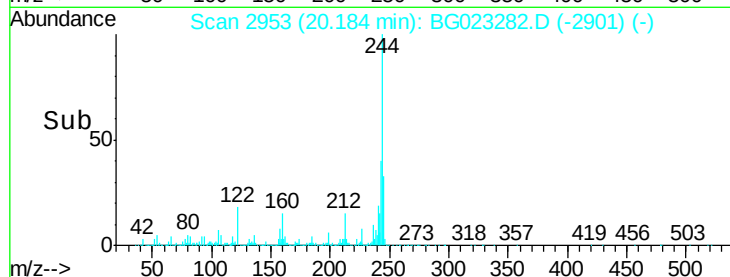
122 18.0 8.0 12.0#



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: 25.30 min Scan# 3824

Delta R.T. -0.00 min

Lab File: BG023282.D

Acq: 27 Jul 2016 14:22

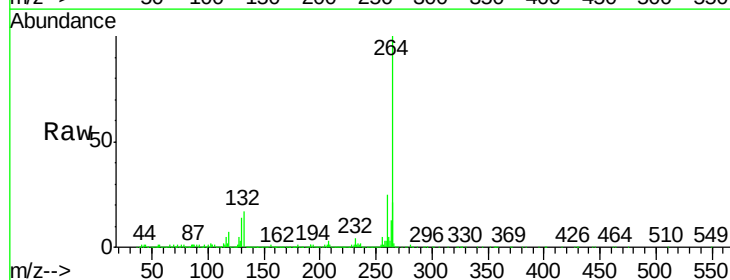
Tgt Ion:264 Resp: 1305077

Ion Ratio Lower Upper

264 100

260 24.7 18.4 27.6

265 21.0 18.9 28.3



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

