

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041316\
 Data File : BG021636.D
 Acq On : 14 Apr 2016 00:49
 Operator : UM/SJ
 Sample : H2418-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GMW-7

Quant Time: Apr 14 03:30:04 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 15:48:13 2016
 Response via : Initial Calibration

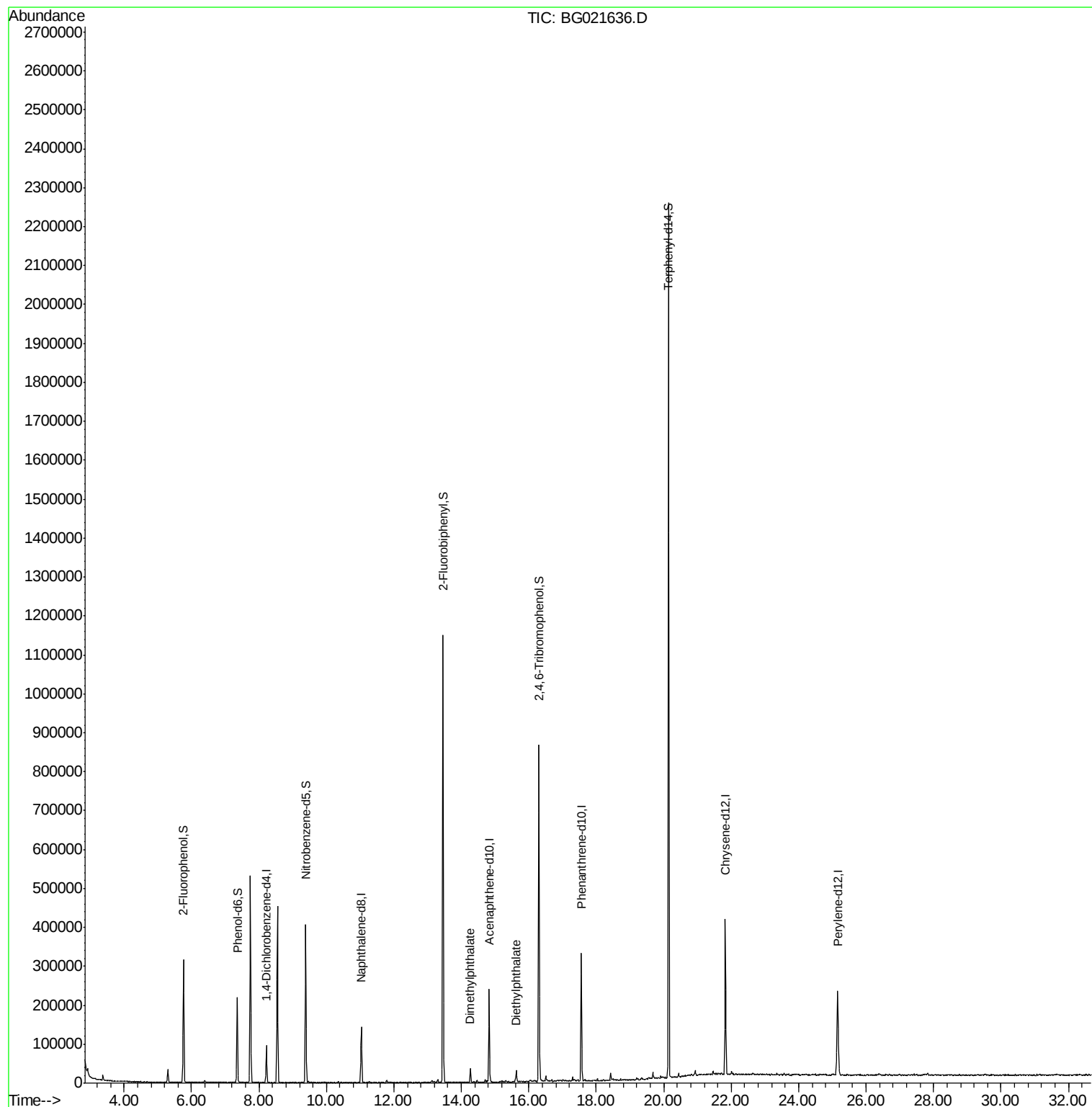
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	27853	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	123115	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	80513	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	199541	20.00	ng	0.00
75) Chrysene-d12	21.83	240	236522	20.00	ng	0.00
86) Perylene-d12	25.15	264	230600	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	138983	83.09	ng	0.00
7) Phenol-d6	7.36	99	129967	52.02	ng	0.00
23) Nitrobenzene-d5	9.38	82	248695	103.83	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	150673	173.64	ng	0.00
44) 2-Fluorobiphenyl	13.46	172	588426	107.08	ng	0.00
78) Terphenyl-d14	20.15	244	919149	96.97	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.27	163	21825	3.14	ng	Qvalue 98
59) Diethylphthalate	15.62	149	17583	2.42	ng	# 94

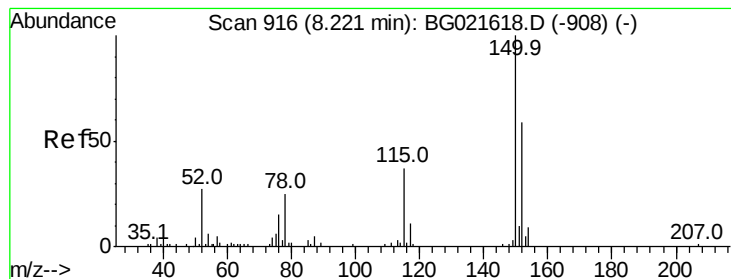
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.22 min Scan# 916

Delta R.T. -0.00 min

Lab File: BG021636.D

Acq: 14 Apr 2016 00:49

Instrument :

BNA_G

ClientSampleId :

GMW-7

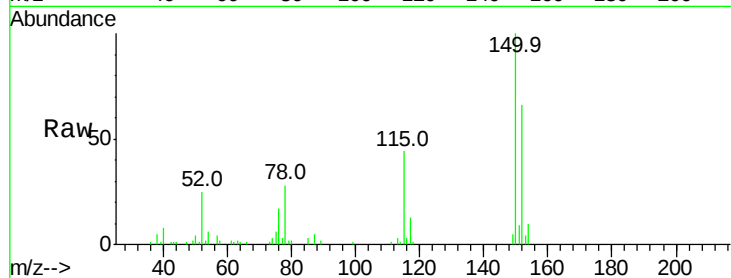
Tot Ion:152 Resp: 27853

Ion Ratio Lower Upper

152 100

150 151.4 130.1 195.1

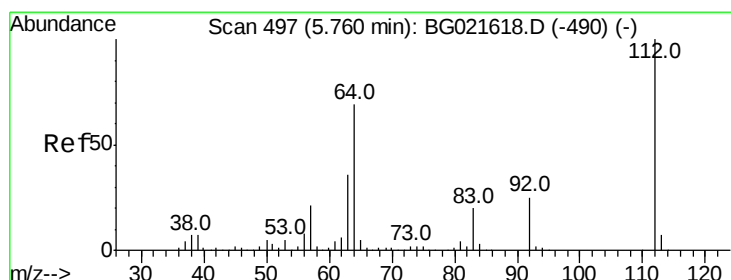
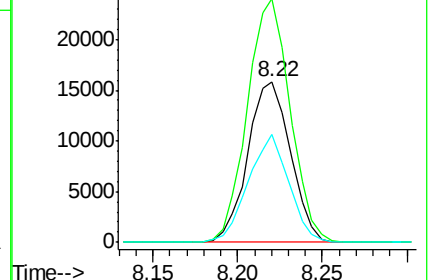
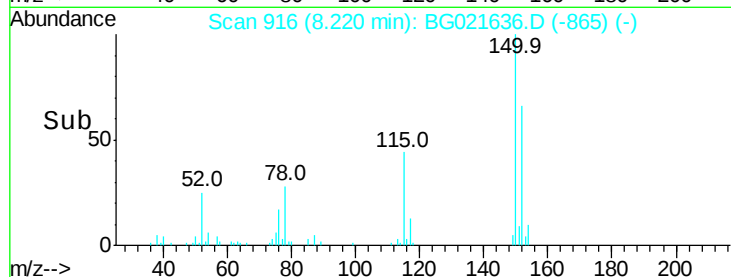
115 66.8 62.2 93.2



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: 83.09 ng

RT: 5.76 min Scan# 497

Delta R.T. -0.00 min

Lab File: BG021636.D

Acq: 14 Apr 2016 00:49

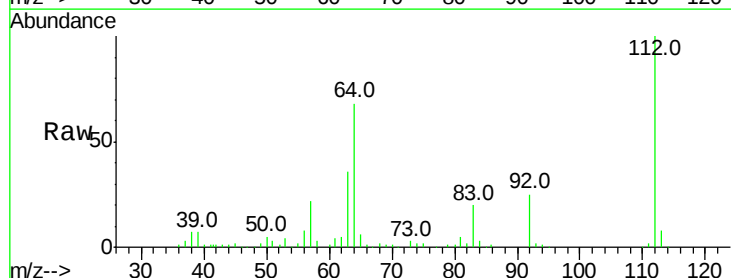
Tgt Ion:112 Resp: 138983

Ion Ratio Lower Upper

112 100

64 68.4 51.1 76.7

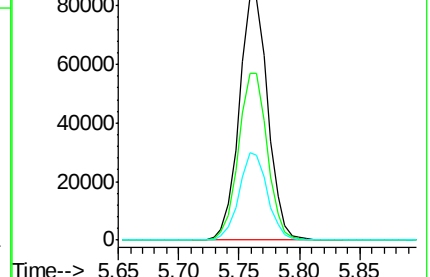
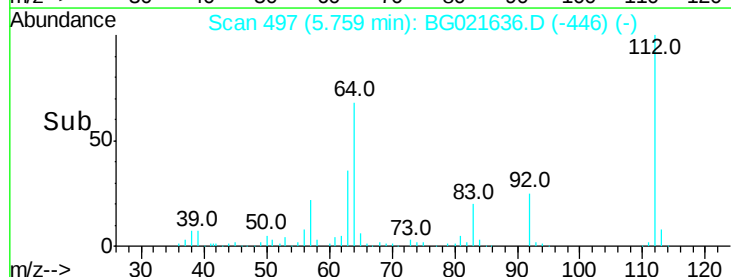
63 35.7 24.6 37.0

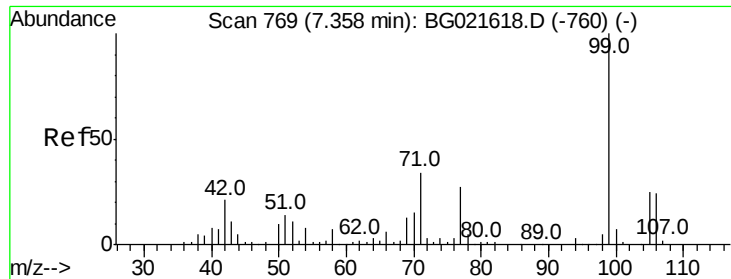


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 52.02 ng

RT: 7.36 min Scan# 769

Delta R.T. -0.00 min

Lab File: BG021636.D

Acq: 14 Apr 2016 00:49

Instrument :

BNA_G

ClientSampled :

GMW-7

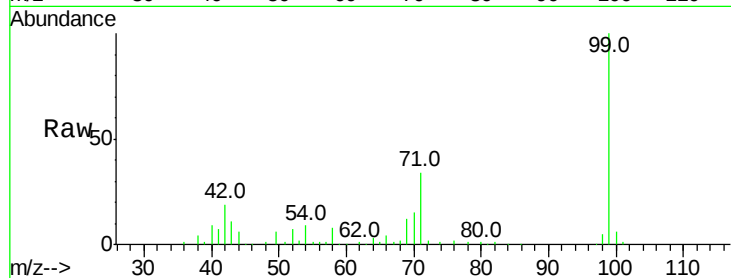
Tot Ion: 99 Resp: 129967

Ion Ratio Lower Upper

99 100

42 19.0 16.4 24.6

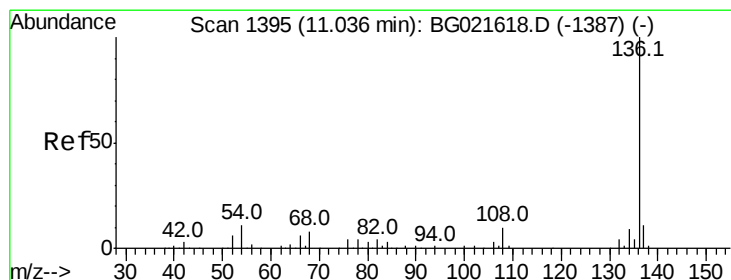
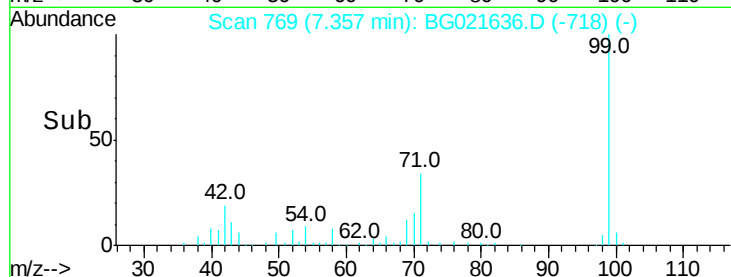
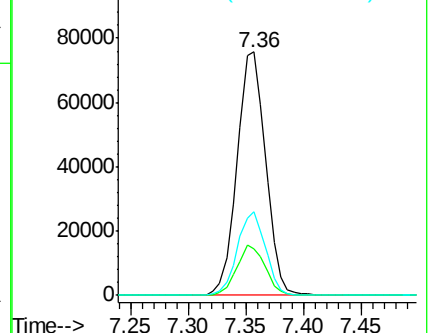
71 34.1 25.0 37.4



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.03 min Scan# 1395

Delta R.T. -0.00 min

Lab File: BG021636.D

Acq: 14 Apr 2016 00:49

Tgt Ion: 136 Resp: 123115

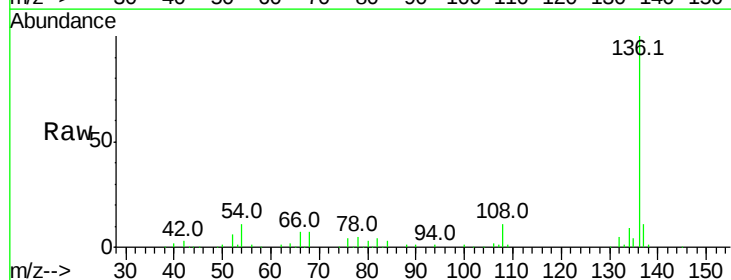
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 10.6 9.6 14.4

68 6.9 6.4 9.6

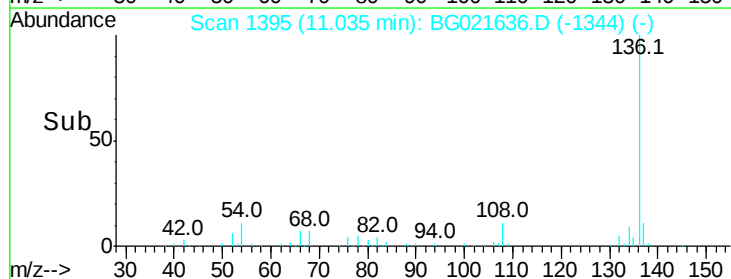
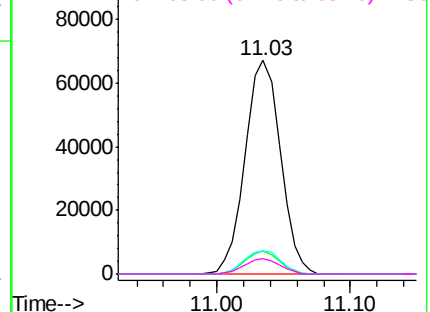


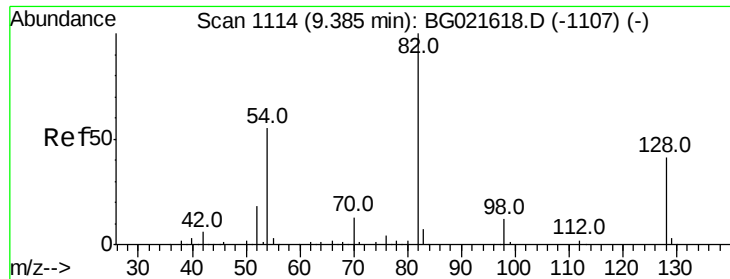
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

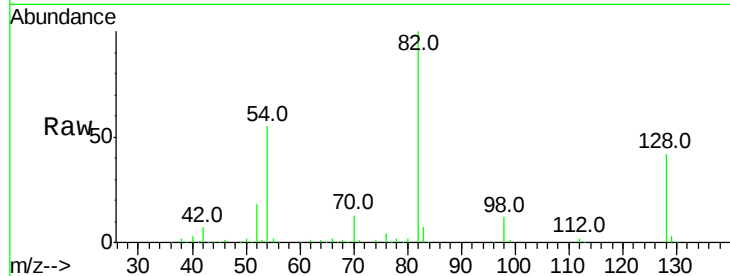




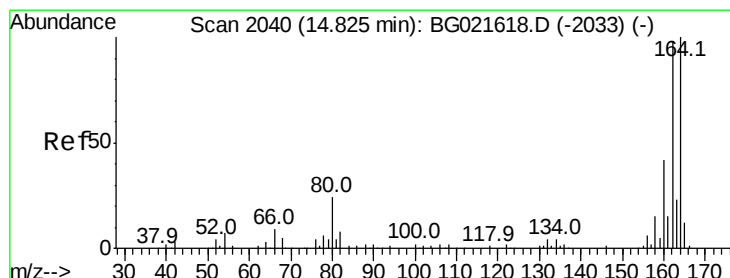
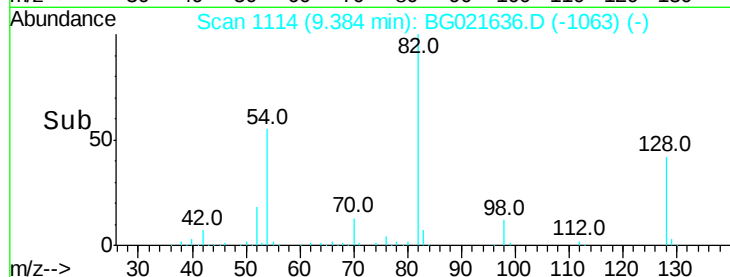
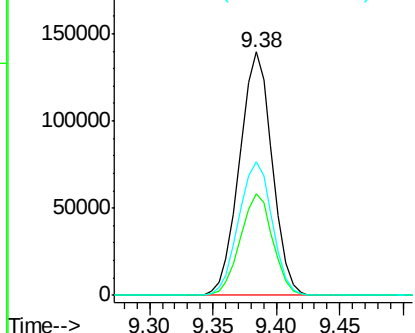
#23
 Nitrobenzene-d5
 Concen: 103.83 ng
 RT: 9.38 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BG021636.D
 Acq: 14 Apr 2016 00:49

Instrument :
 BNA_G
 ClientSampleId :
 GMW-7

Tot Ion	82	Resp	248695
Ion Ratio	Lower	Upper	
82	100		
128	41.6	33.4	50.0
54	54.6	46.1	69.1

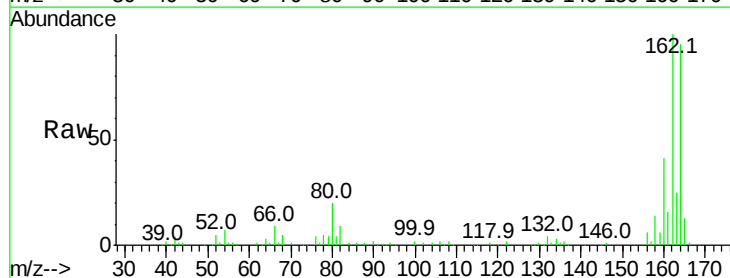


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

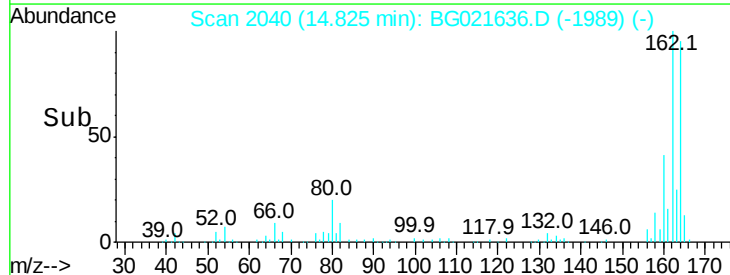
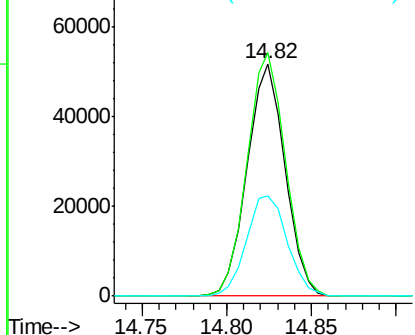


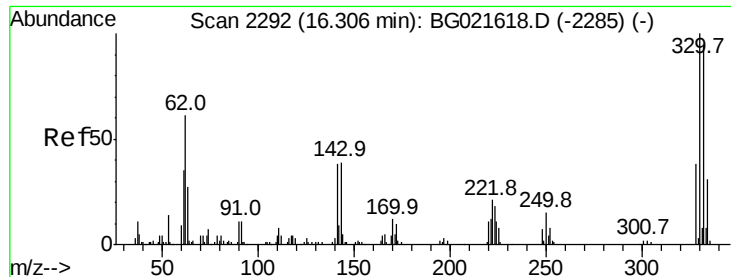
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.82 min Scan# 2040
 Delta R.T. -0.00 min
 Lab File: BG021636.D
 Acq: 14 Apr 2016 00:49

Tgt Ion	164	Resp	80513
Ion Ratio	Lower	Upper	
164	100		
162	104.9	78.0	117.0
160	43.2	32.9	49.3



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

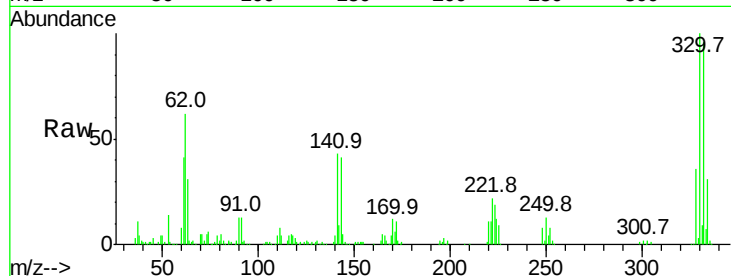




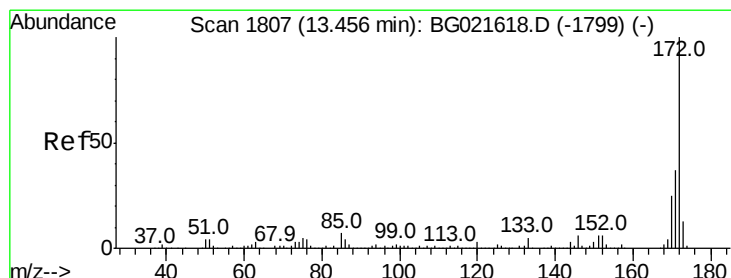
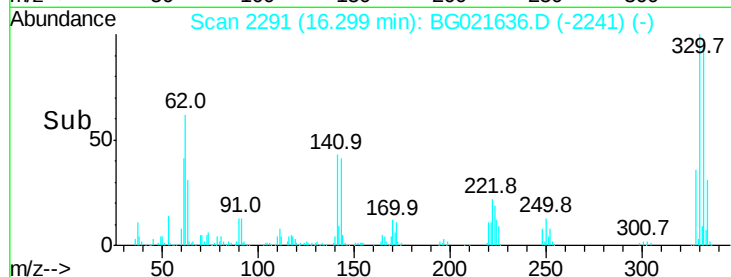
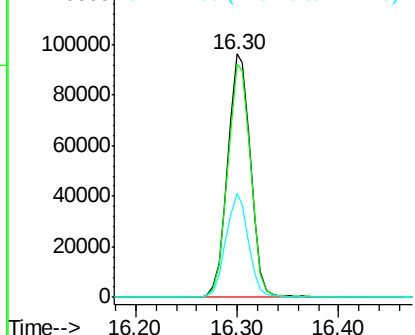
#41
 2,4,6-Tribromophenol
 Concen: 173.64 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BG021636.D
 Acq: 14 Apr 2016 00:49

Instrument :
 BNA_G
 ClientSampleId :
 GMW-7

Tot Ion:330 Resp: 150673
 Ion Ratio Lower Upper
 330 100
 332 96.6 78.0 117.0
 141 42.2 33.8 50.8

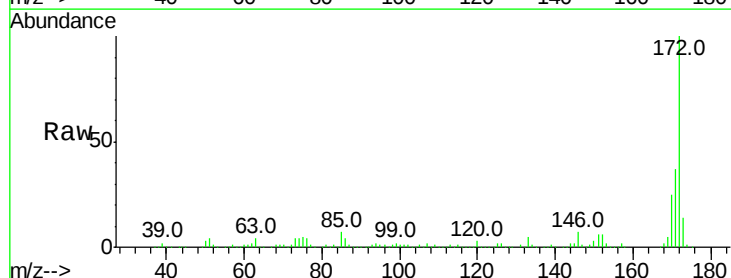


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

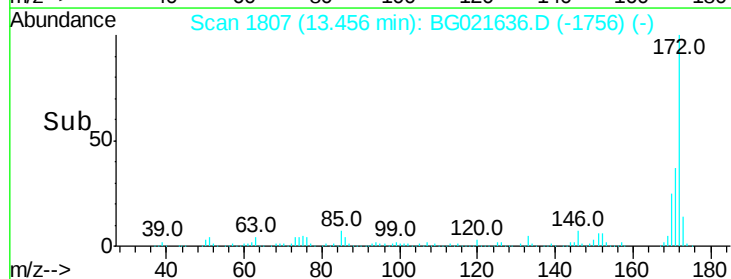
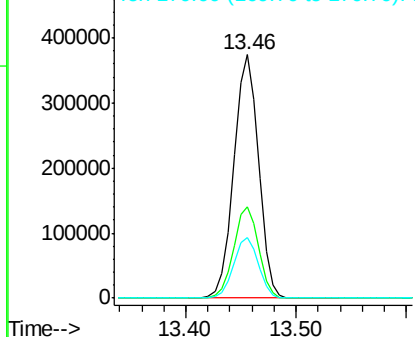


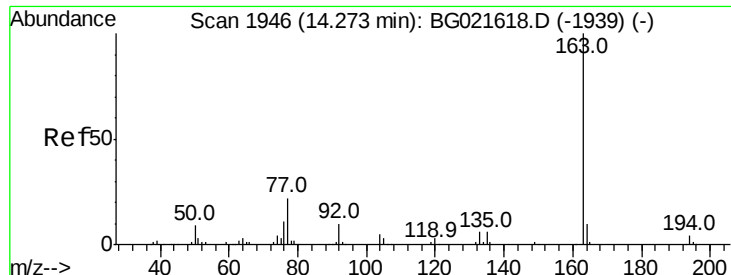
#44
 2-Fluorobiphenyl
 Concen: 107.08 ng
 RT: 13.46 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: BG021636.D
 Acq: 14 Apr 2016 00:49

Tgt Ion:172 Resp: 588426
 Ion Ratio Lower Upper
 172 100
 171 37.4 27.8 41.6
 170 25.1 19.6 29.4



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: 3.14 ng

RT: 14.27 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BG021636.D

Acq: 14 Apr 2016 00:49

Instrument :

BNA_G

ClientSampleId :

GMW-7

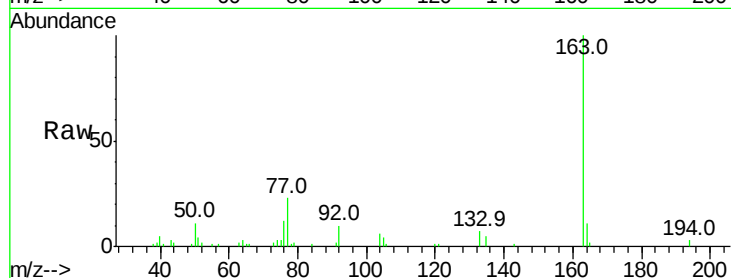
Tot Ion:163 Resp: 21825

Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.6

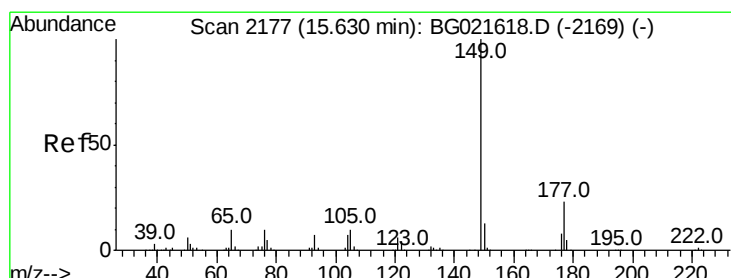
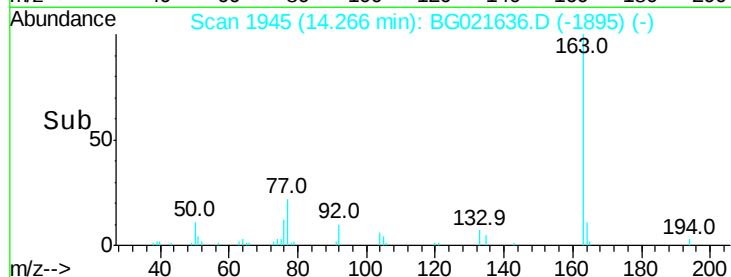
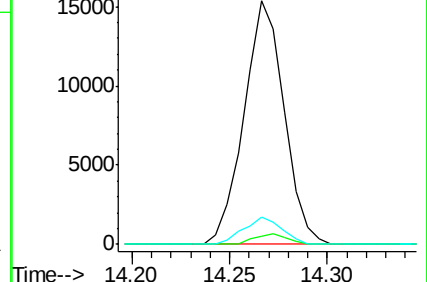
164 11.0 8.1 12.1



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



#59

Diethylphthalate

Concen: 2.42 ng

RT: 15.62 min Scan# 2176

Delta R.T. -0.01 min

Lab File: BG021636.D

Acq: 14 Apr 2016 00:49

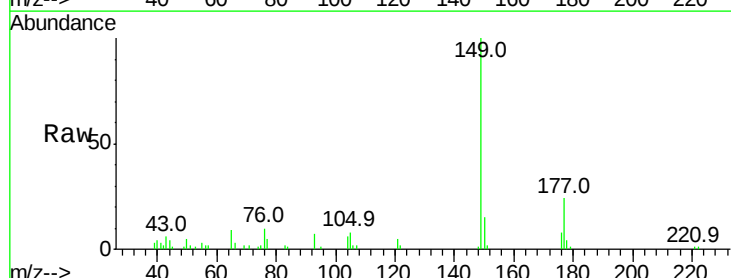
Tgt Ion:149 Resp: 17583

Ion Ratio Lower Upper

149 100

177 24.0 17.3 25.9

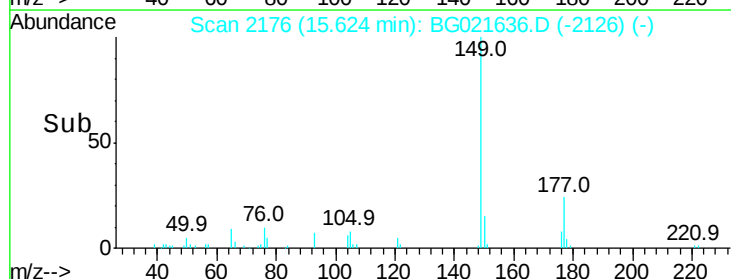
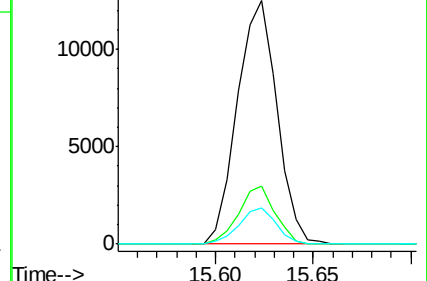
150 14.9 9.7 14.5#

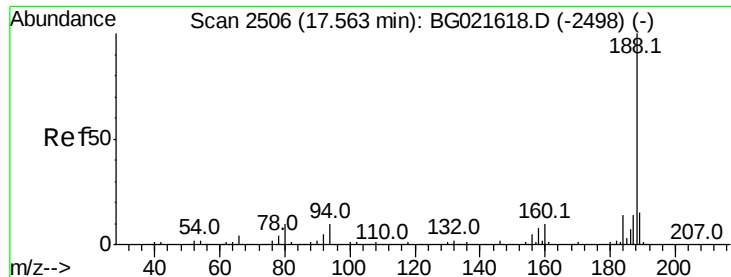


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

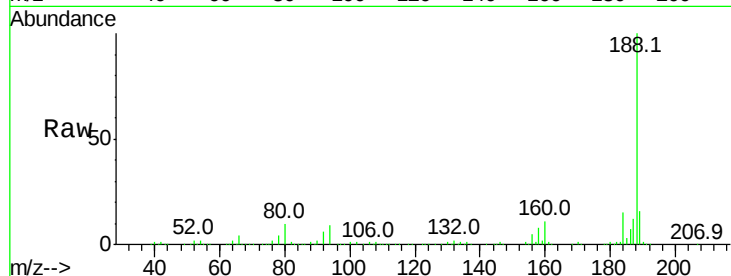




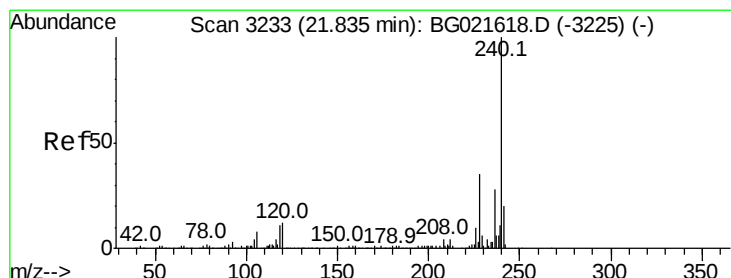
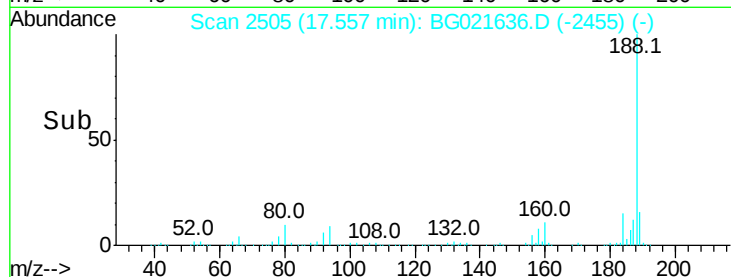
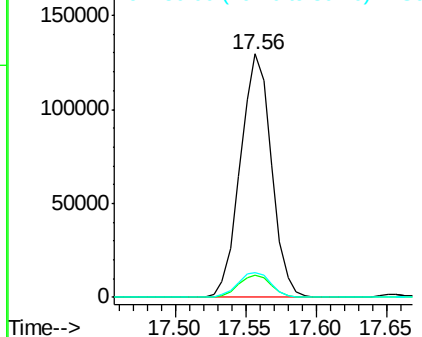
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.01 min
Lab File: BG021636.D
Acq: 14 Apr 2016 00:49

Instrument :
BNA_G
ClientSampleId :
GMW-7

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.5	11.3
80	10.4	8.6	13.0

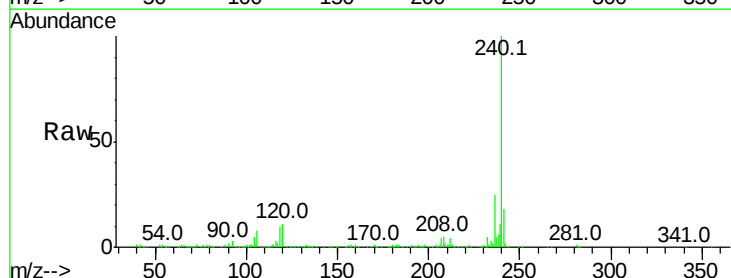


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

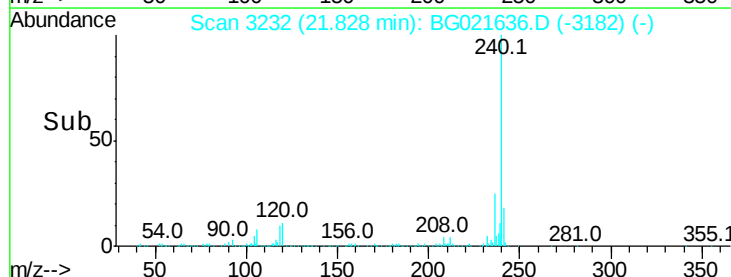
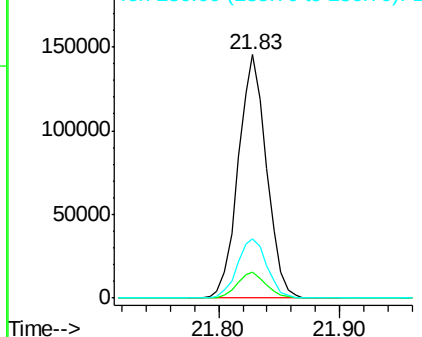


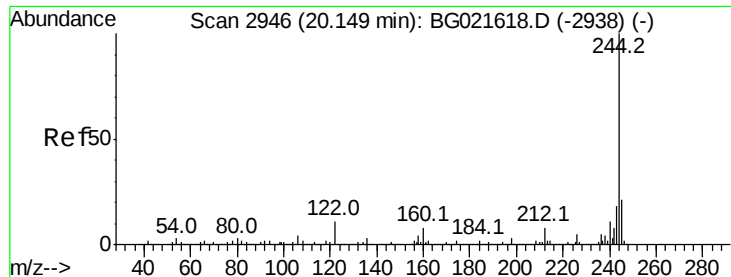
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.83 min Scan# 3232
Delta R.T. -0.01 min
Lab File: BG021636.D
Acq: 14 Apr 2016 00:49

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.4	12.6
236	24.6	19.6	29.4



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: 96.97 ng

RT: 20.15 min Scan# 2946

Delta R.T. -0.00 min

Lab File: BG021636.D

Acq: 14 Apr 2016 00:49

Instrument :

BNA_G

ClientSampleId :

GMW-7

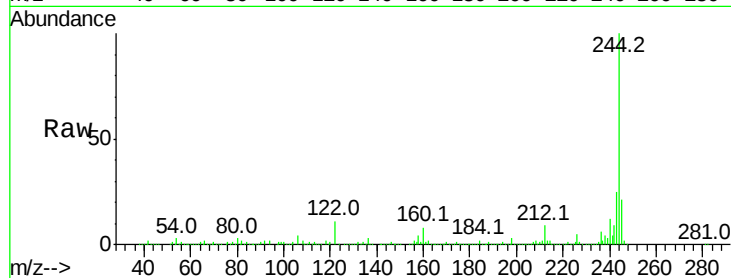
Tot Ion:244 Resp: 919149

Ion Ratio Lower Upper

244 100

212 8.6 6.5 9.7

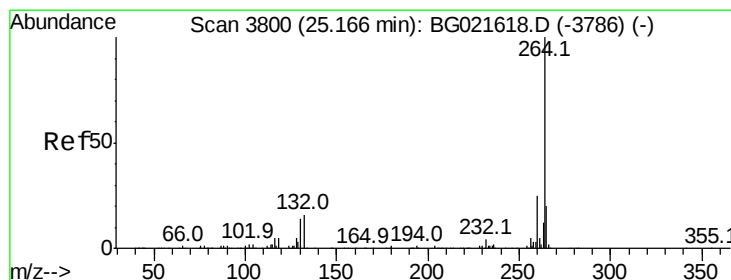
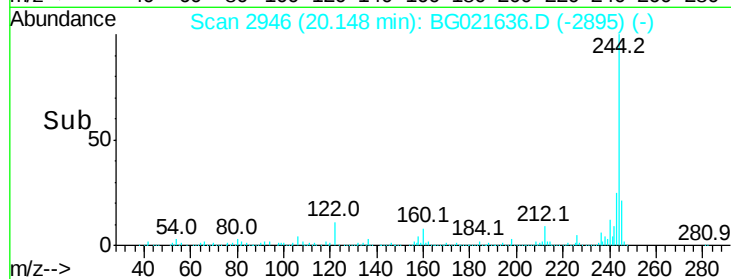
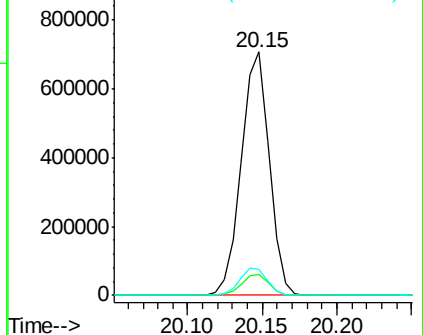
122 10.7 8.6 12.8



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: 25.15 min Scan# 3798

Delta R.T. -0.01 min

Lab File: BG021636.D

Acq: 14 Apr 2016 00:49

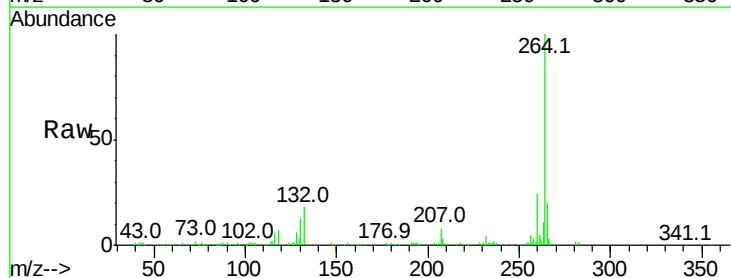
Tgt Ion:264 Resp: 230600

Ion Ratio Lower Upper

264 100

260 24.0 20.2 30.4

265 20.4 17.8 26.8



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

