

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052715\
 Data File : BG017300.D
 Acq On : 27 May 2015 12:52
 Operator : TP/IZ
 Sample : G2255-07DL2 25X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SS043MW009-150512DL2

Quant Time: May 28 03:16:28 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 28 02:22:53 2015
 Response via : Initial Calibration

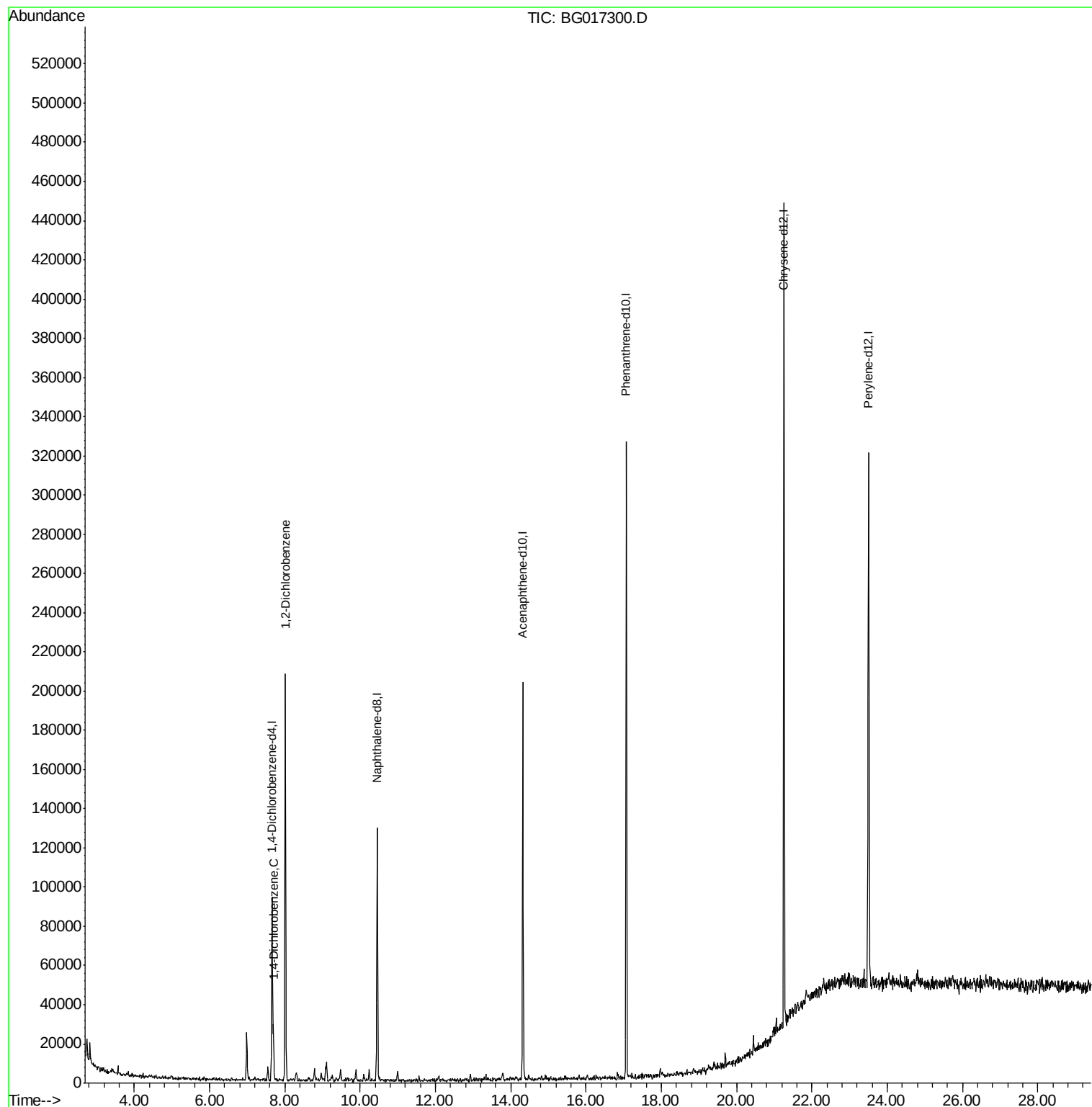
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	21919	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	92406	20.00	ng	0.00
38) Acenaphthene-d10	14.32	164	65459	20.00	ng	0.00
63) Phenanthrene-d10	17.07	188	168884	20.00	ng	0.00
75) Chrysene-d12	21.25	240	187588	20.00	ng	0.00
86) Perylene-d12	23.50	264	185909	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	73	0.06	ng	0.00
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	8.83	82	384	0.19	ng	0.00
41) 2,4,6-Tribromophenol	15.81	330	348	0.44	ng	0.00
44) 2-Fluorobiphenyl	12.93	172	1076	0.24	ng	0.00
78) Terphenyl-d14	19.70	244	3119	0.35	ng	0.00
Target Compounds						
13) 1,4-Dichlorobenzene	7.69	146	9502	5.70	ng	Qvalue # 81
14) 1,2-Dichlorobenzene	8.01	146	71079	44.66	ng	97

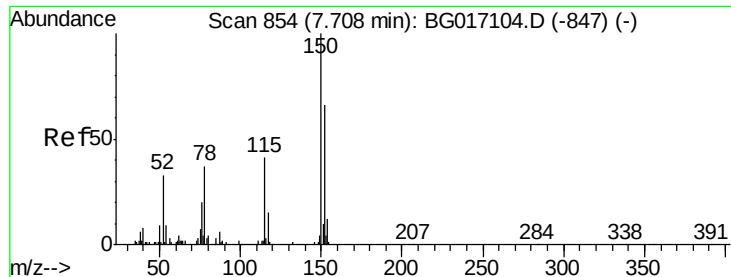
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.66 min Scan# 846

Delta R.T. -0.00 min

Lab File: BG017300.D

Acq: 27 May 2015 12:52

Instrument :

BNA_G

ClientSampleId :

SS043MW009-150512DL2

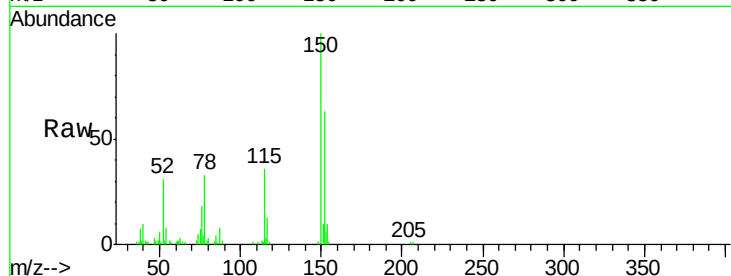
Tot Ion:152 Resp: 21919

Ion Ratio Lower Upper

152 100

150 158.4 120.8 181.2

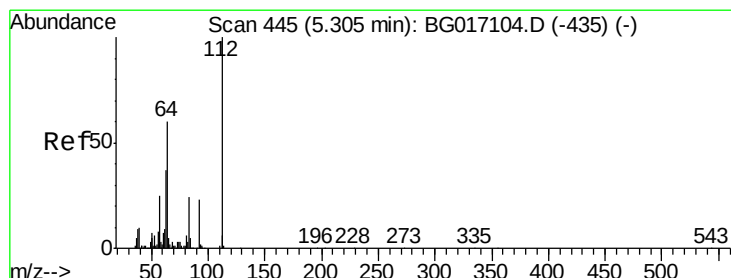
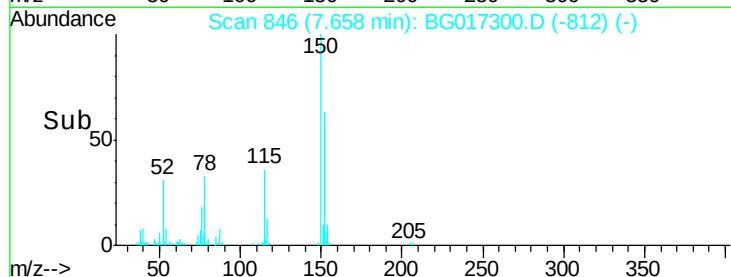
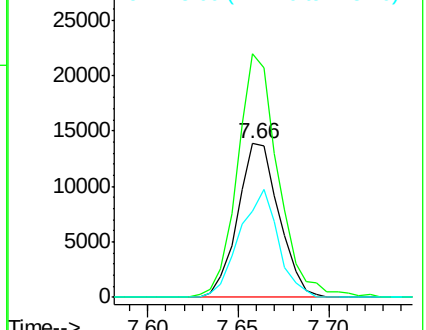
115 56.3 49.4 74.2



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: 0.06 ng

RT: 5.26 min Scan# 438

Delta R.T. 0.00 min

Lab File: BG017300.D

Acq: 27 May 2015 12:52

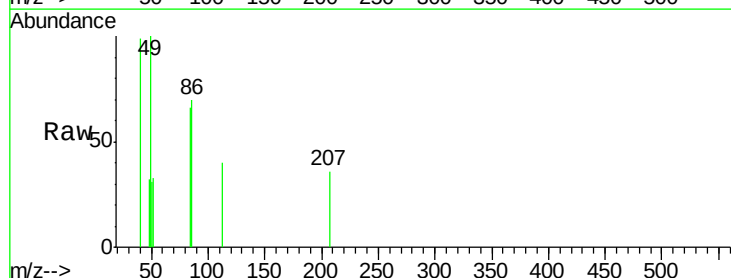
Tgt Ion:112 Resp: 73

Ion Ratio Lower Upper

112 100

64 0.0 48.1 72.1#

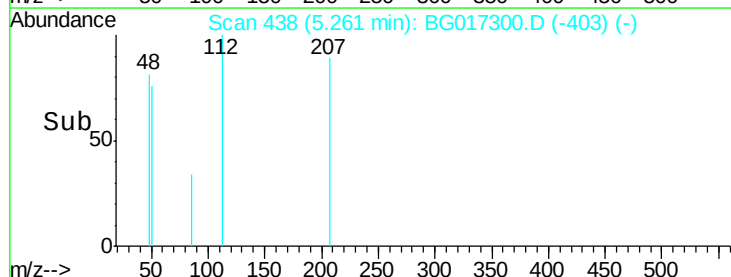
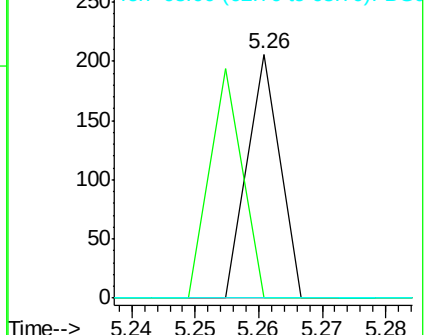
63 0.0 29.8 44.8#

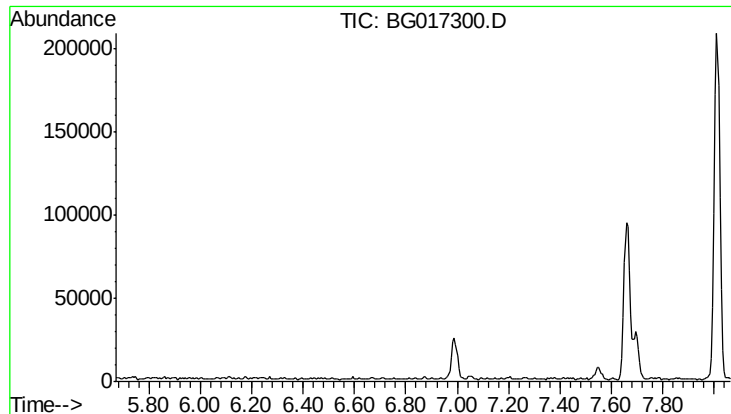


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 0.00 ng

Expected RT: 6.87 min

Lab File: BG017300.D

Acq: 27 May 2015 12:52

Instrument :

BNA_G

ClientSampleId :

SS043MW009-150512DL2

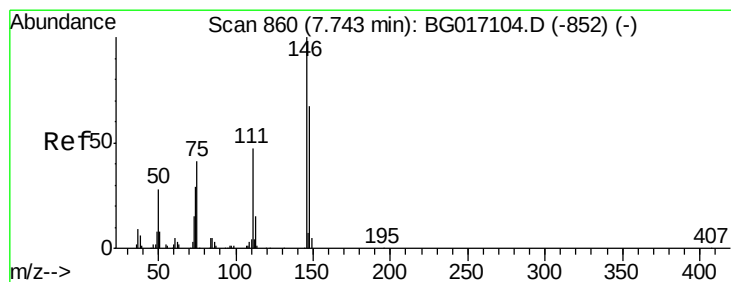
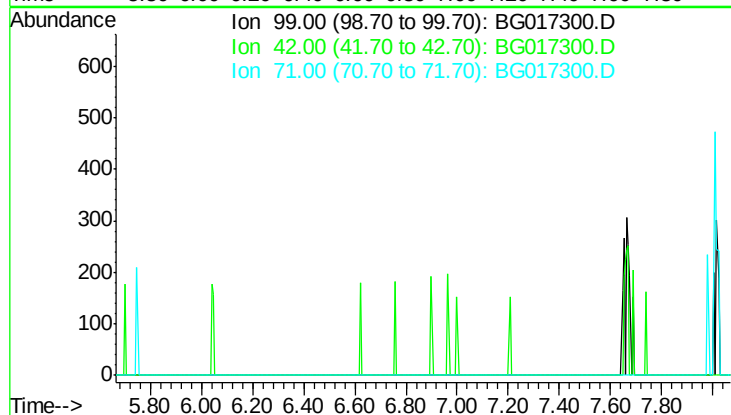
Tot Ion: 99

Sig Exp Ratio

99 100

42 29.4

71 49.8



#13

1,4-Dichlorobenzene

Concen: 5.70 ng

RT: 7.69 min Scan# 852

Delta R.T. -0.00 min

Lab File: BG017300.D

Acq: 27 May 2015 12:52

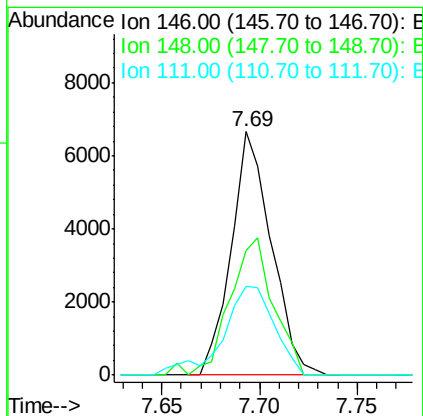
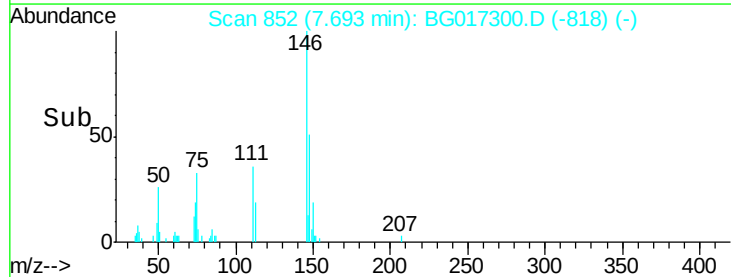
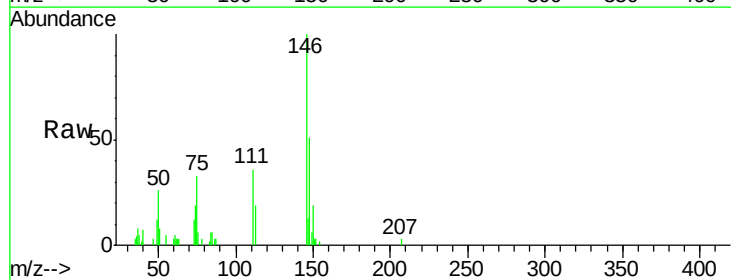
Tgt Ion:146 Resp: 9502

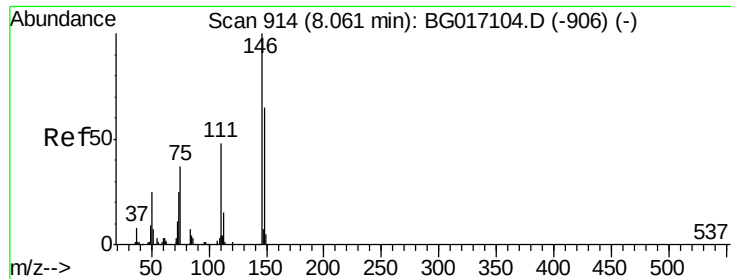
Ion Ratio Lower Upper

146 100

148 51.2 53.9 80.9#

111 36.5 37.9 56.9#

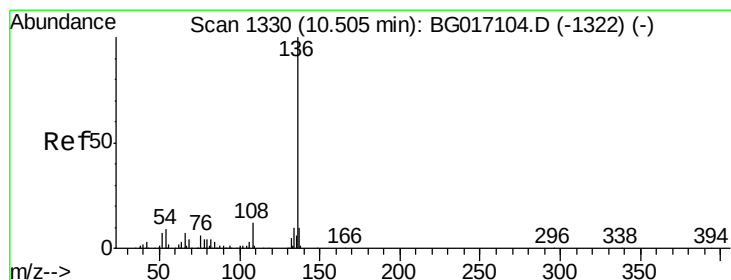
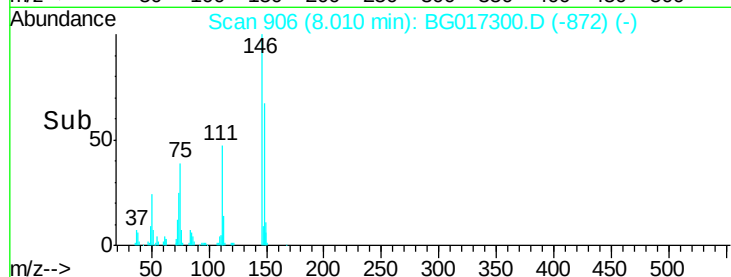
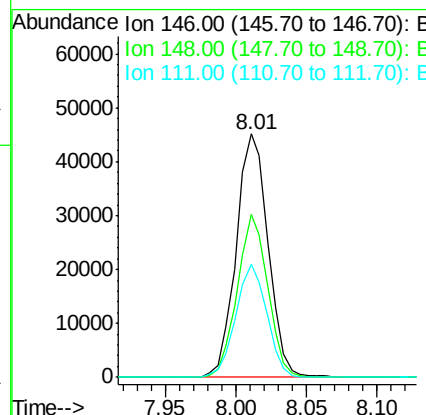
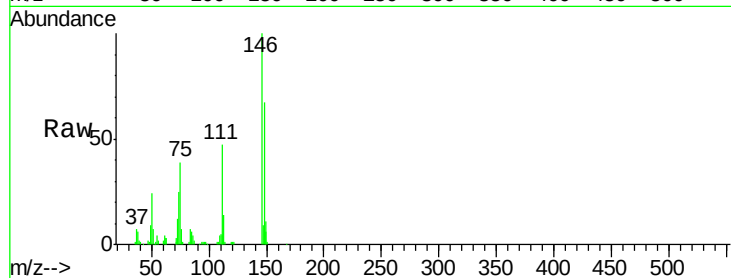




#14
 1,2-Dichlorobenzene
 Concen: 44.66 ng
 RT: 8.01 min Scan# 906
 Delta R.T. -0.00 min
 Lab File: BG017300.D
 Acq: 27 May 2015 12:52

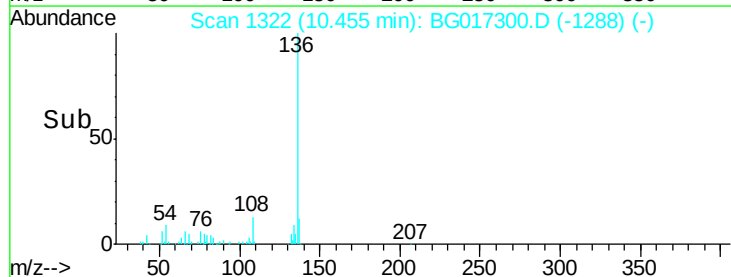
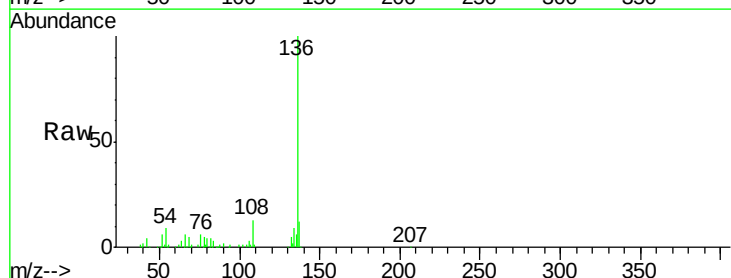
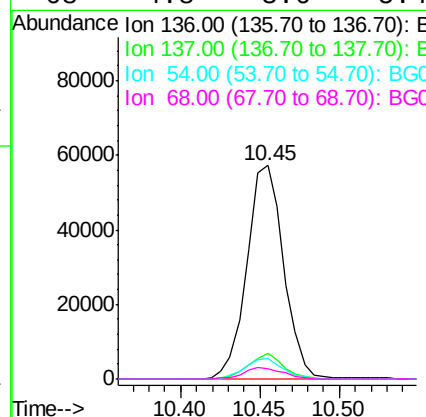
Instrument :
 BNA_G
 ClientSampleId :
 SS043MW009-150512DL2

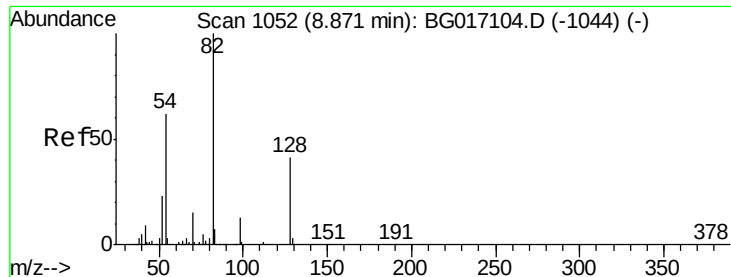
Tot Ion	Ratio	Lower	Upper
146	100		
148	67.1	52.3	78.5
111	46.6	39.0	58.4



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 10.45 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: BG017300.D
 Acq: 27 May 2015 12:52

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.3	12.5
54	9.5	7.4	11.2
68	4.8	3.6	5.4

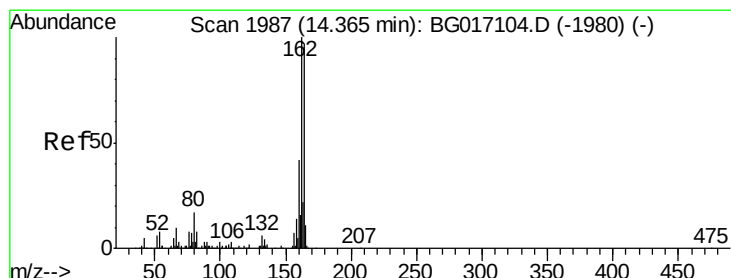
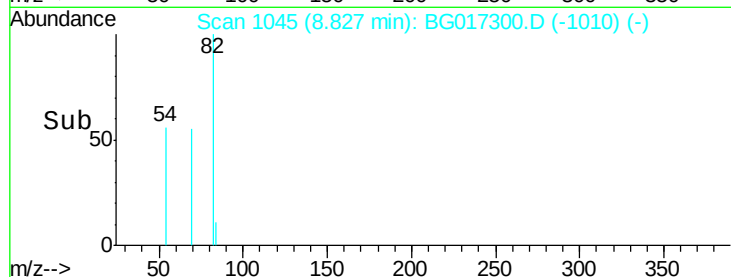
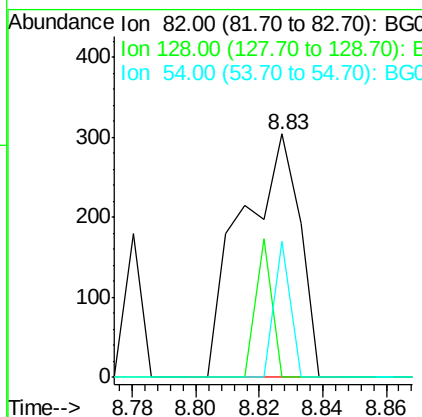
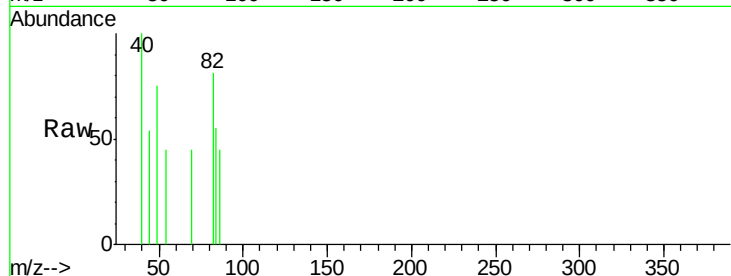




#23
 Nitrobenzene-d5
 Concen: 0.19 ng
 RT: 8.83 min Scan# 1045
 Delta R.T. 0.00 min
 Lab File: BG017300.D
 Acq: 27 May 2015 12:52

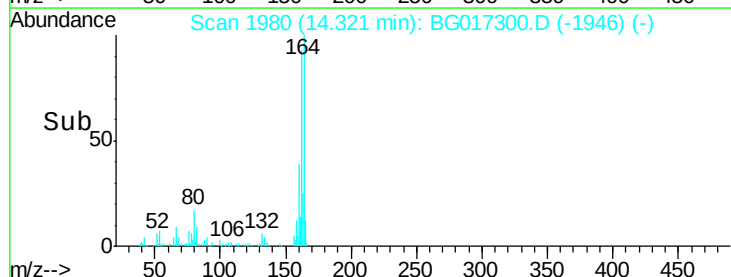
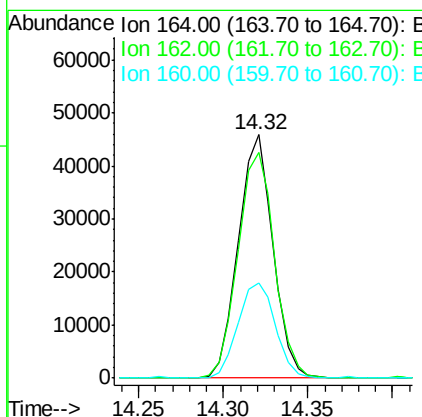
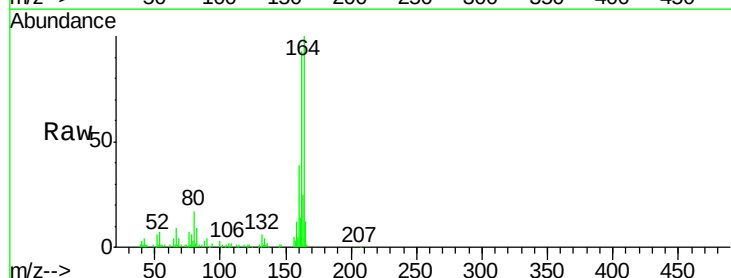
Instrument :
 BNA_G
 ClientSampleId :
 SS043MW009-150512DL2

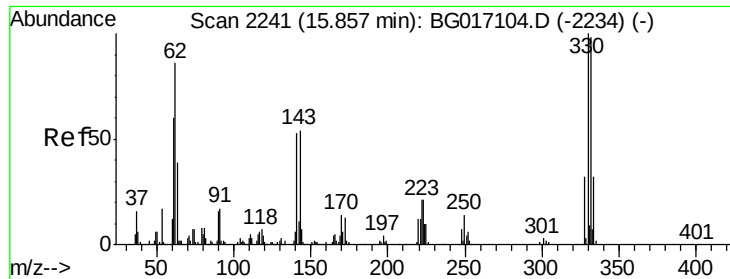
Tot Ion	82	Resp	384
Ion Ratio	Lower	Upper	
82	100		
128	0.0	32.6	49.0#
54	55.9	49.6	74.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.32 min Scan# 1980
 Delta R.T. -0.00 min
 Lab File: BG017300.D
 Acq: 27 May 2015 12:52

Tgt Ion	164	Resp	65459
Ion Ratio	Lower	Upper	
164	100		
162	92.9	82.1	123.1
160	39.1	34.8	52.2

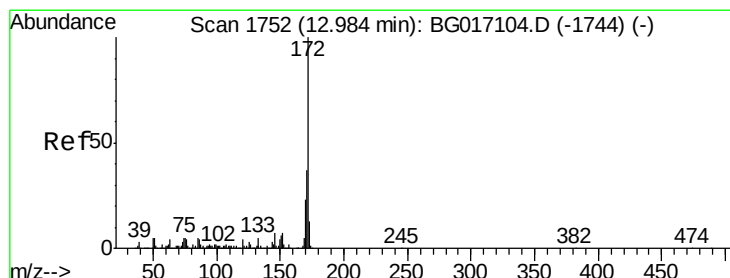
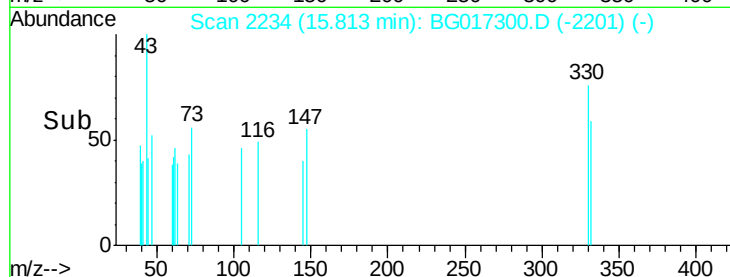
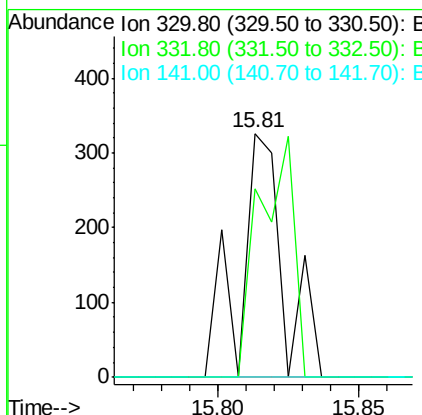
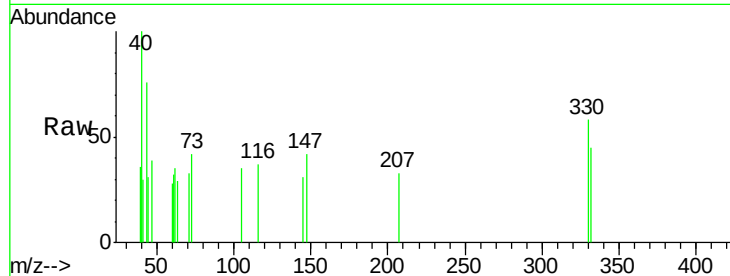




#41
 2,4,6-Tribromophenol
 Concen: 0.44 ng
 RT: 15.81 min Scan# 2234
 Delta R.T. -0.01 min
 Lab File: BG017300.D
 Acq: 27 May 2015 12:52

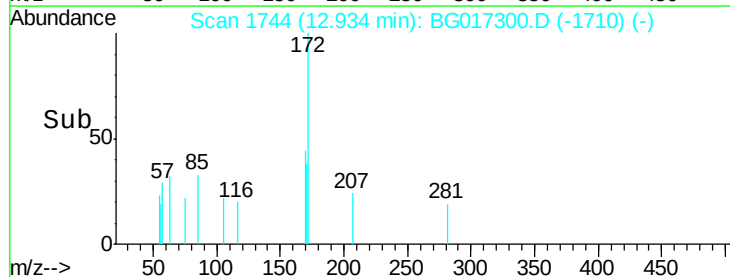
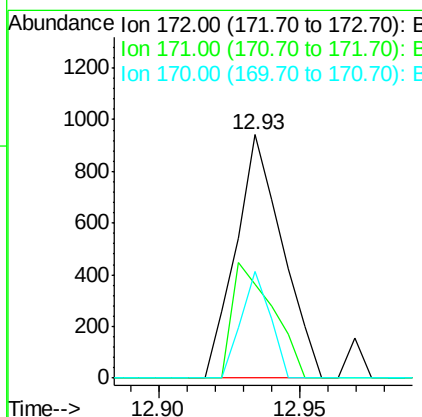
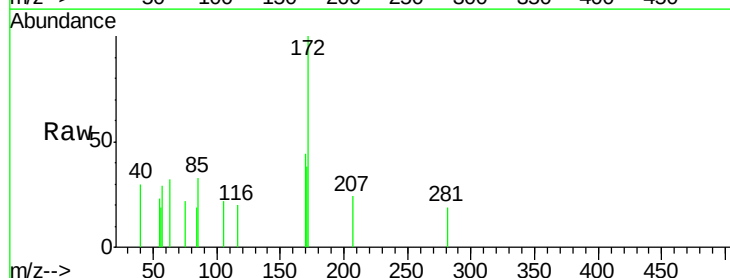
Instrument :
 BNA_G
 ClientSampleId :
 SS043MW009-150512DL2

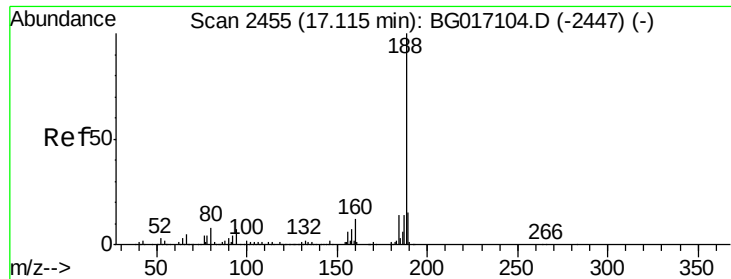
Tot Ion:330 Resp: 348
 Ion Ratio Lower Upper
 330 100
 332 79.3 76.9 115.3
 141 0.0 42.2 63.2#



#44
 2-Fluorobiphenyl
 Concen: 0.24 ng
 RT: 12.93 min Scan# 1744
 Delta R.T. -0.00 min
 Lab File: BG017300.D
 Acq: 27 May 2015 12:52

Tgt Ion:172 Resp: 1076
 Ion Ratio Lower Upper
 172 100
 171 38.3 29.7 44.5
 170 43.8 18.4 27.6#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.07 min Scan# 2448

Delta R.T. 0.00 min

Lab File: BG017300.D

Acq: 27 May 2015 12:52

Instrument :

BNA_G

ClientSampleId :

SS043MW009-150512DL2

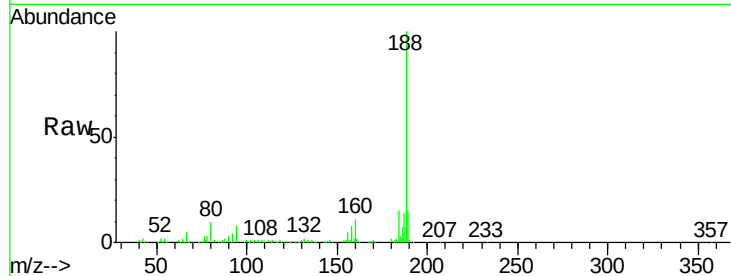
Tot Ion:188 Resp: 168884

Ion Ratio Lower Upper

188 100

94 7.8 5.8 8.6

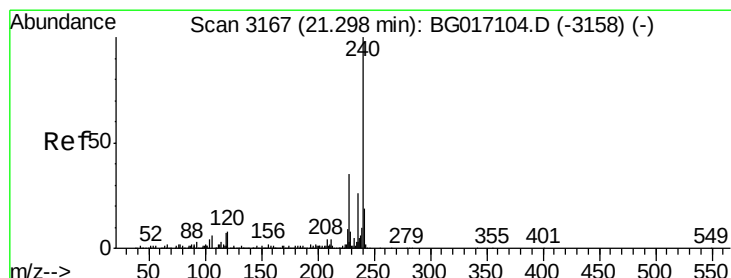
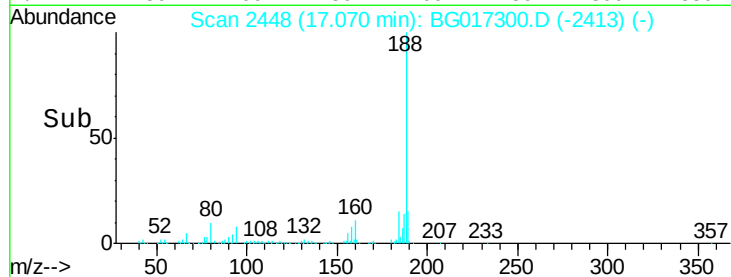
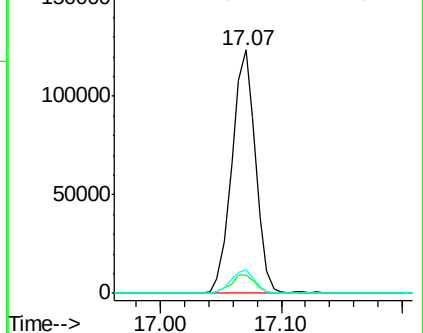
80 9.6 6.5 9.7



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: 20.00 ng

RT: 21.25 min Scan# 3160

Delta R.T. -0.01 min

Lab File: BG017300.D

Acq: 27 May 2015 12:52

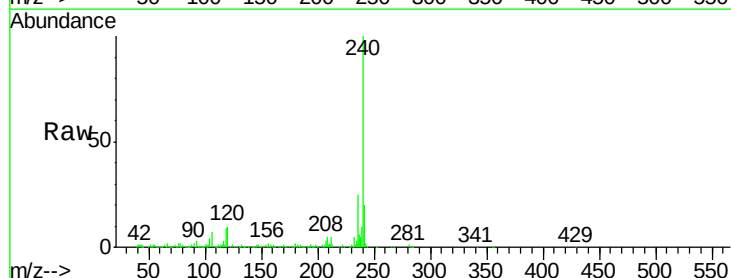
Tgt Ion:240 Resp: 187588

Ion Ratio Lower Upper

240 100

120 9.9 6.0 9.0#

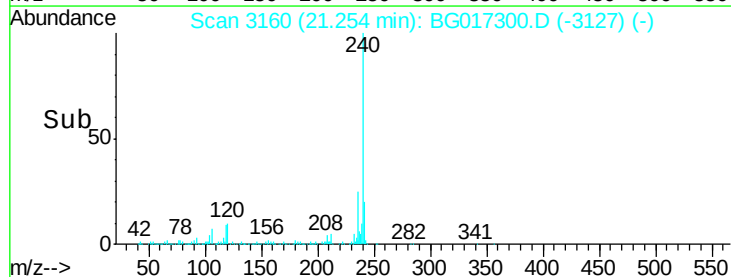
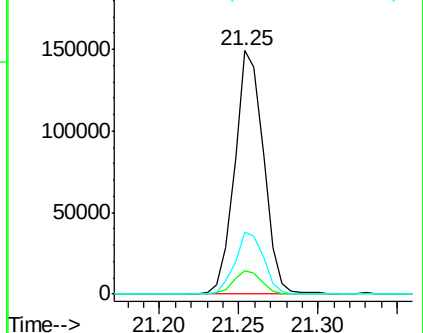
236 25.4 20.5 30.7

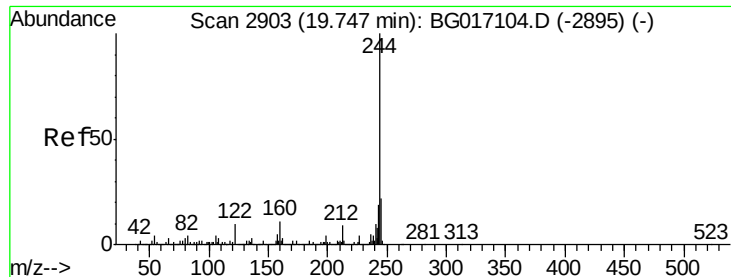


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 0.35 ng

RT: 19.70 min Scan# 2896

Delta R.T. -0.00 min

Lab File: BG017300.D

Acq: 27 May 2015 12:52

Instrument :

BNA_G

ClientSampleId :

SS043MW009-150512DL2

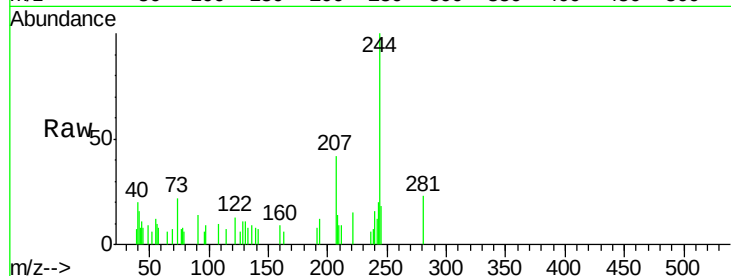
Tot Ion:244 Resp: 3119

Ion Ratio Lower Upper

244 100

212 9.3 7.0 10.4

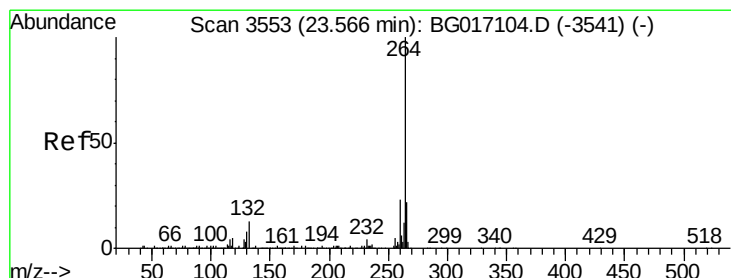
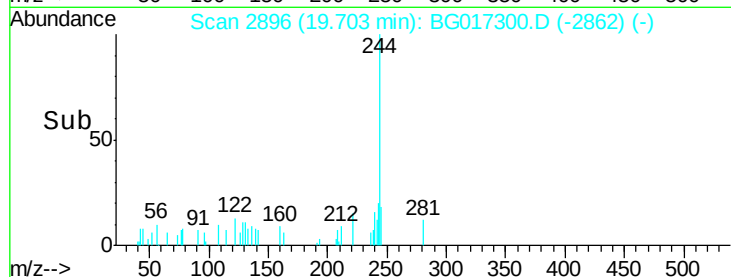
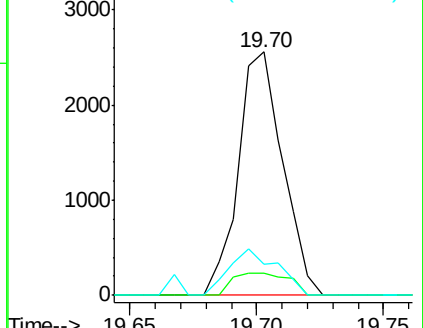
122 12.7 8.4 12.6#



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: 23.50 min Scan# 3543

Delta R.T. -0.01 min

Lab File: BG017300.D

Acq: 27 May 2015 12:52

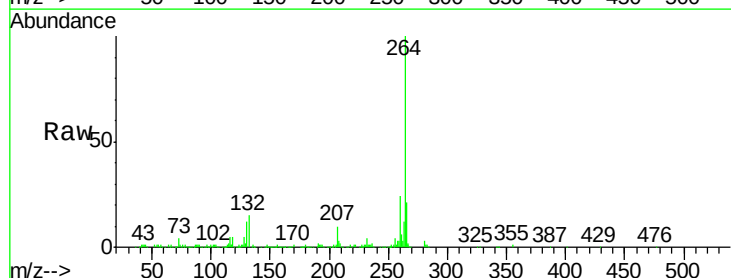
Tgt Ion:264 Resp: 185909

Ion Ratio Lower Upper

264 100

260 24.5 18.0 27.0

265 21.3 17.4 26.0



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

