

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
 Data File : BG017245.D
 Acq On : 22 May 2015 14:21
 Operator : TP/IZ
 Sample : G2255-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LF001MW003-150512

Quant Time: May 23 00:57:52 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 23 00:52:32 2015
 Response via : Initial Calibration

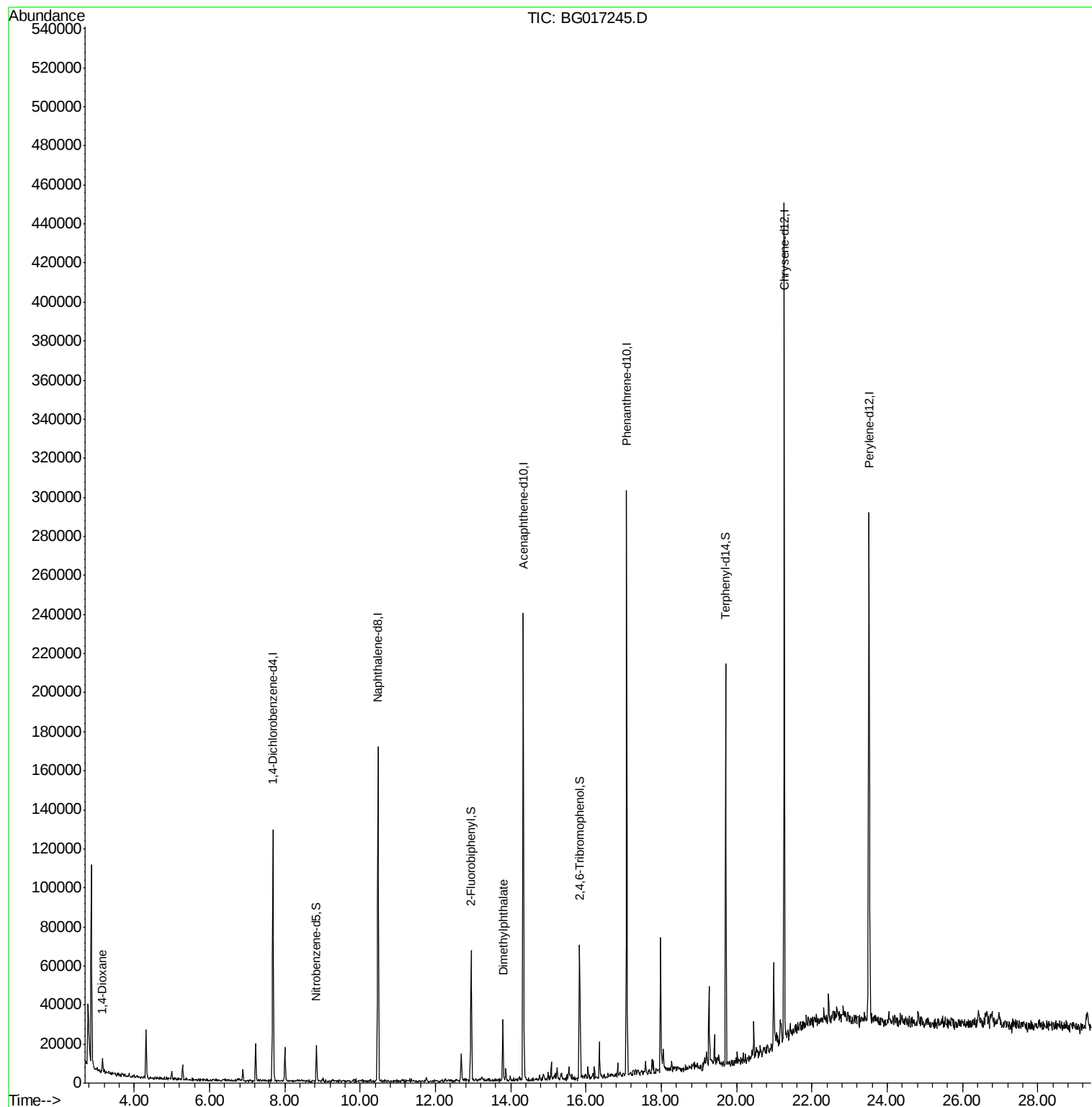
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	29845	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	126381	20.00	ng	0.00
38) Acenaphthene-d10	14.33	164	76485	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	160906	20.00	ng	0.00
75) Chrysene-d12	21.27	240	178473	20.00	ng	0.00
86) Perylene-d12	23.52	264	180568	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	3163	1.88	ng	0.00
7) Phenol-d6	6.88	99	2833	1.20	ng	0.00
23) Nitrobenzene-d5	8.84	82	9305	3.44	ng	0.00
41) 2,4,6-Tribromophenol	15.82	330	9490	10.26	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	25870	4.96	ng	0.00
78) Terphenyl-d14	19.71	244	82957	9.69	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.16	88	3466	5.22	ng	86
9) Benzaldehyde	6.81	77	84	Below Cal	#	6
49) Dimethylphthalate	13.79	163	16397	2.74	ng	96

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.68 min Scan# 850

Delta R.T. 0.00 min

Lab File: BG017245.D

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Instrument :

BNA_G

ClientSampleId :

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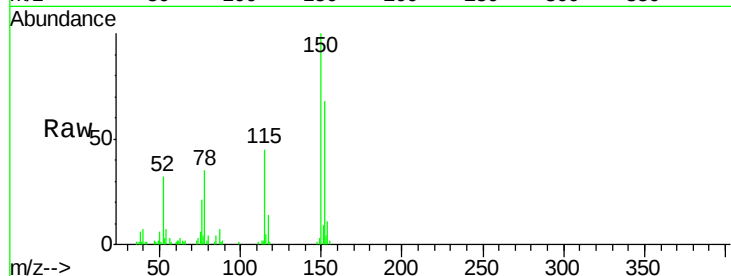
Tgt Ion:152 Resp: 29845

Ion Ratio Lower Upper

152 100

150 146.1 120.8 181.2

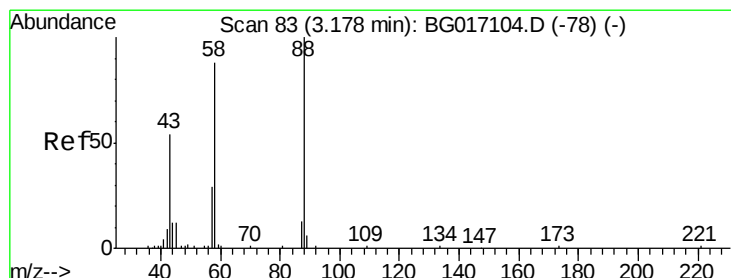
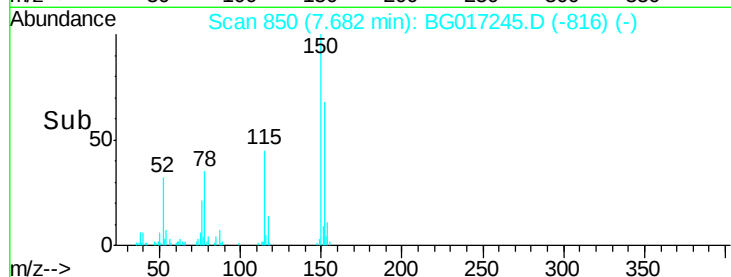
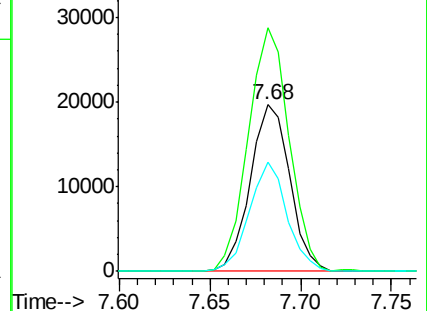
115 65.9 49.4 74.2



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



#2

1,4-Dioxane

Concen: 5.22 ng

RT: 3.16 min Scan# 80

Delta R.T. 0.01 min

Lab File: BG017245.D

Acq: 22 May 2015 14:21

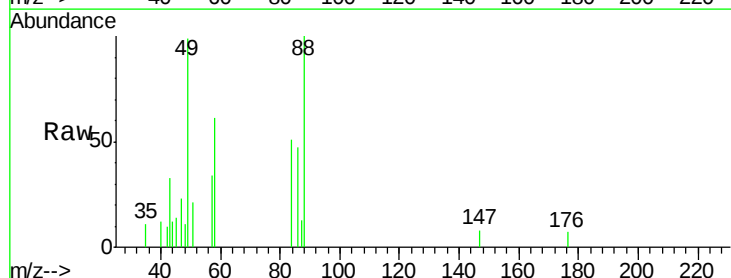
Tgt Ion: 88 Resp: 3466

Ion Ratio Lower Upper

88 100

58 70.5 68.6 103.0

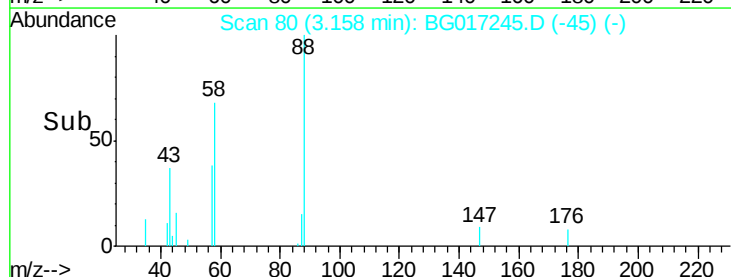
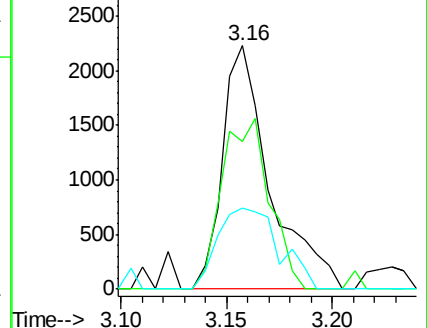
43 43.1 40.3 60.5

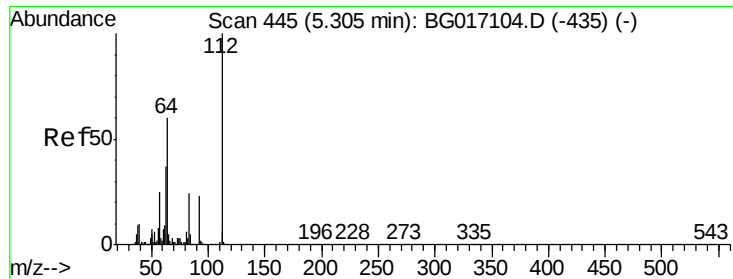


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 1.88 ng

RT: 5.28 min Scan# 442

Delta R.T. 0.01 min

Lab File: BG017245.D

Acq: 22 May 2015 14:21

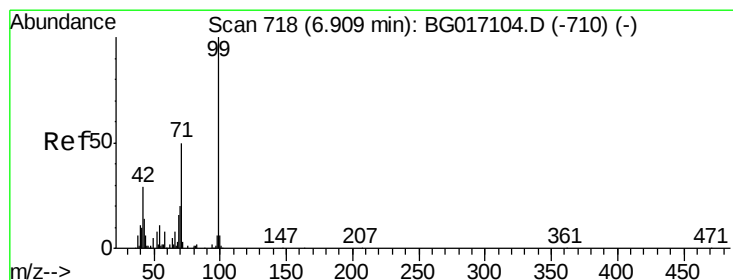
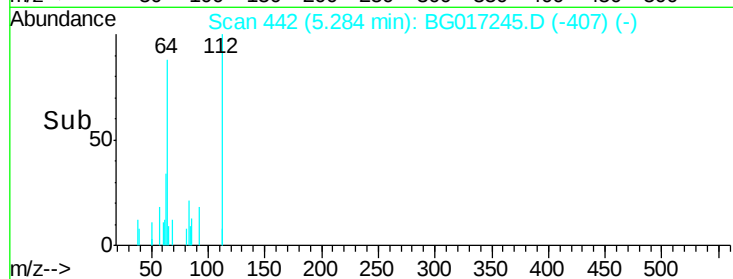
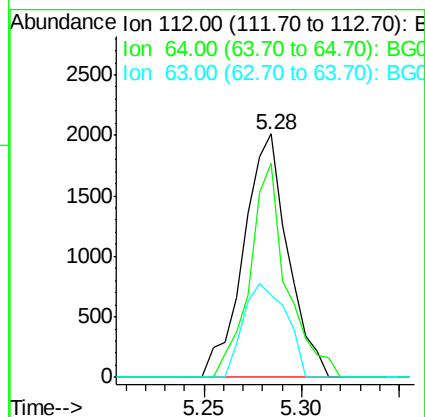
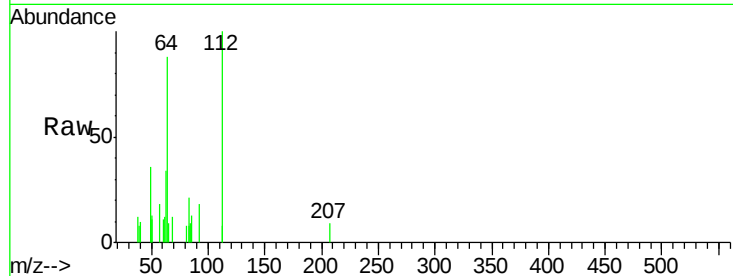
Instrument :

BNA_G

ClientSampleId :

LF001MW003-150512

Tgt Ion:	112	Resp:	3163
Ion	Ratio	Lower	Upper
112	100		
64	87.8	48.1	72.1#
63	34.1	29.8	44.8



#7

Phenol-d6

Concen: 1.20 ng

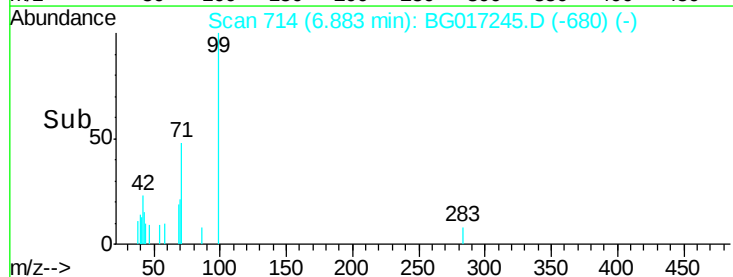
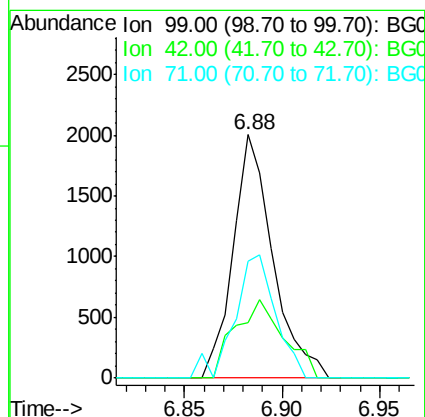
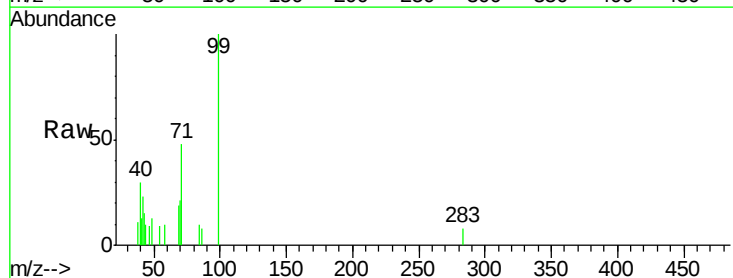
RT: 6.88 min Scan# 714

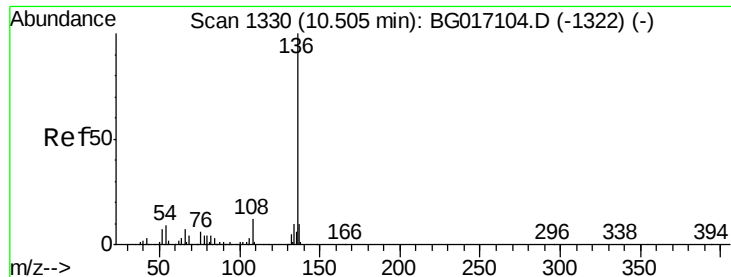
Delta R.T. 0.00 min

Lab File: BG017245.D

Acq: 22 May 2015 14:21

Tgt Ion:	99	Resp:	2833
Ion	Ratio	Lower	Upper
99	100		
42	22.8	23.5	35.3#
71	48.0	39.8	59.8

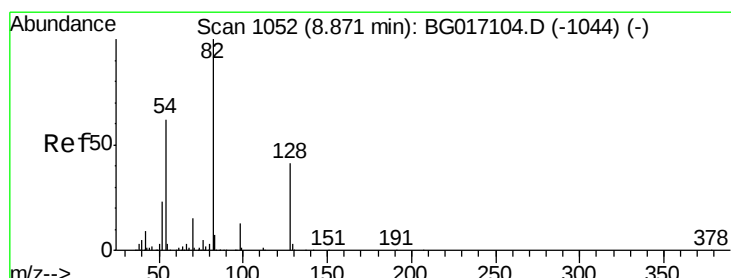
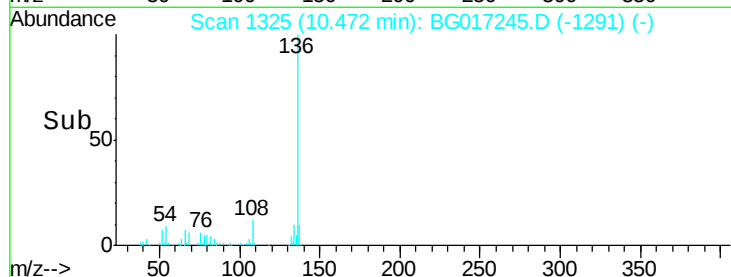
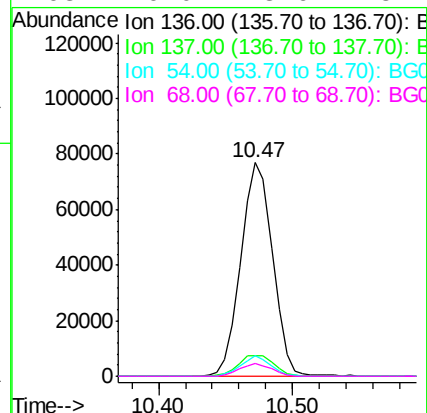
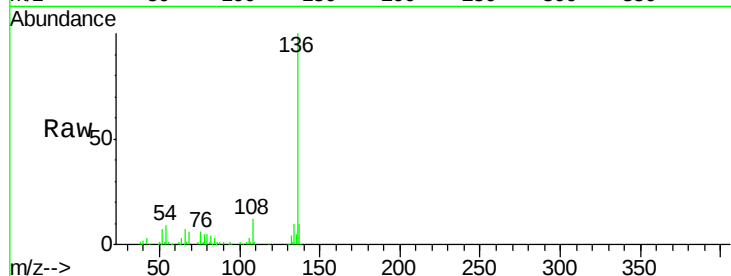




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.47 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BG017245.D
Acq: 22 May 2015 14:21

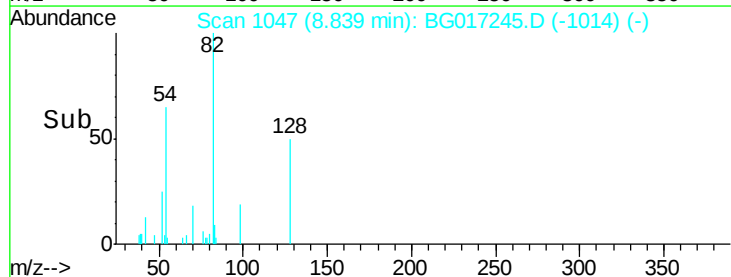
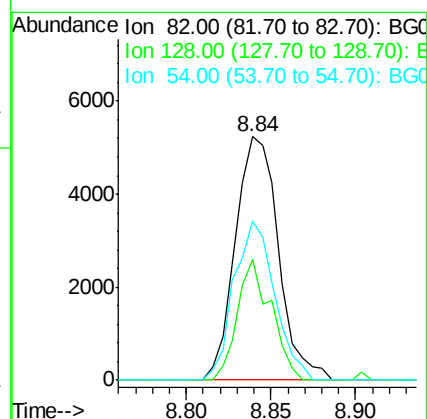
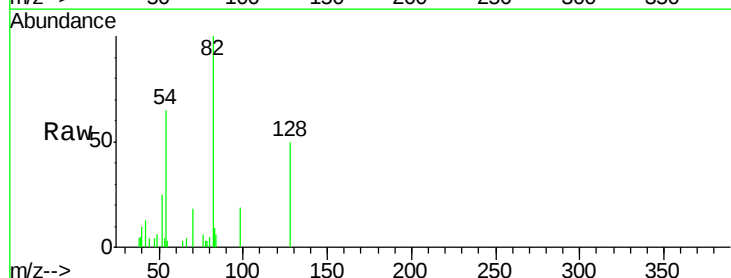
Instrument :
BNA_G
ClientSampleId :
LF001MW003-150512

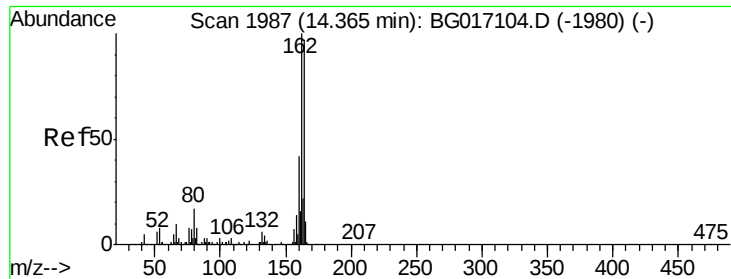
Tgt Ion:	136	Resp:	126381
Ion	Ratio	Lower	Upper
136	100		
137	9.5	8.3	12.5
54	9.4	7.4	11.2
68	6.0	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 3.44 ng
RT: 8.84 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BG017245.D
Acq: 22 May 2015 14:21

Tgt Ion:	82	Resp:	9305
Ion	Ratio	Lower	Upper
82	100		
128	49.7	32.6	49.0#
54	65.3	49.6	74.4





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.33 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BG017245.D

Acq: 22 May 2015 14:21

Instrument :

BNA_G

ClientSampleId :

LF001MW003-150512

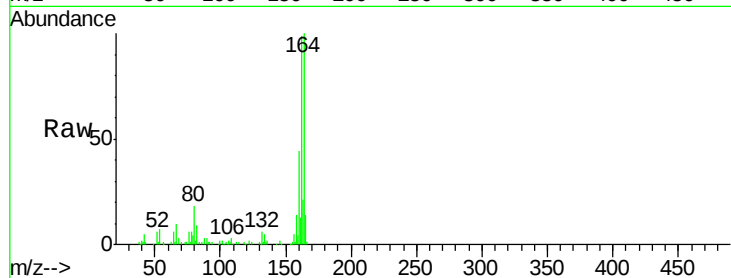
Tgt Ion:164 Resp: 76485

Ion Ratio Lower Upper

164 100

162 98.6 82.1 123.1

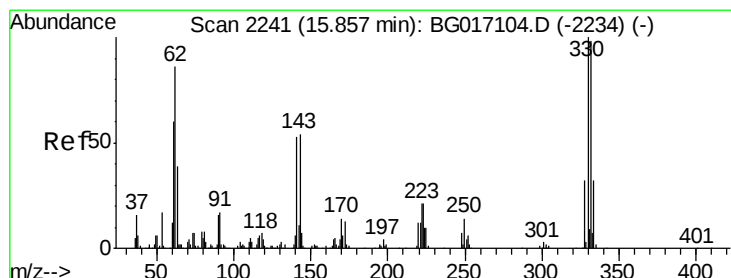
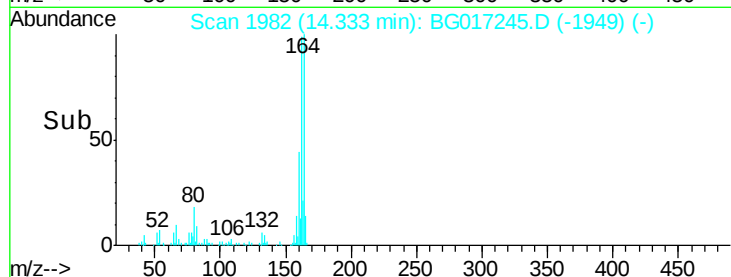
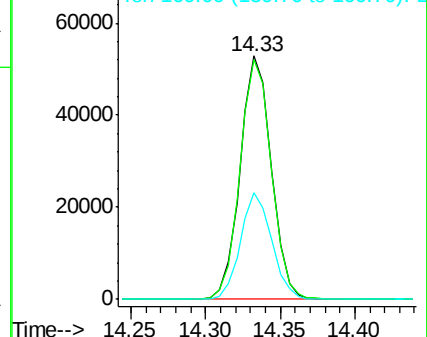
160 43.6 34.8 52.2



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: 10.26 ng

RT: 15.82 min Scan# 2236

Delta R.T. -0.01 min

Lab File: BG017245.D

Acq: 22 May 2015 14:21

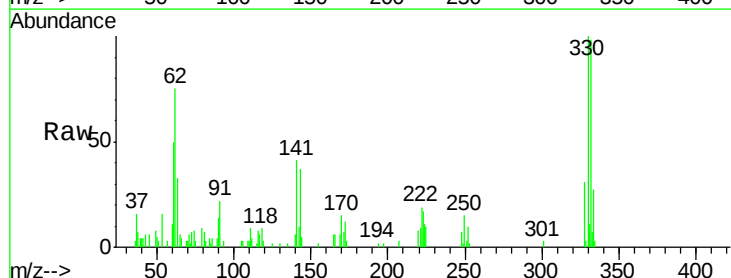
Tgt Ion:330 Resp: 9490

Ion Ratio Lower Upper

330 100

332 98.7 76.9 115.3

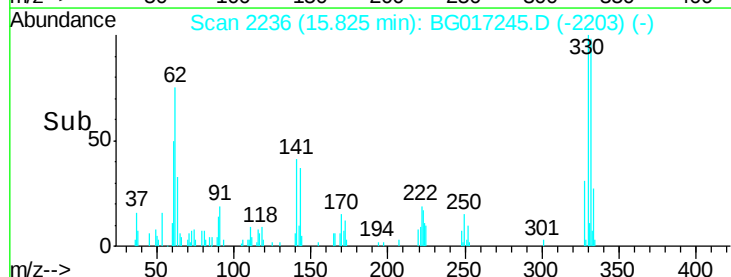
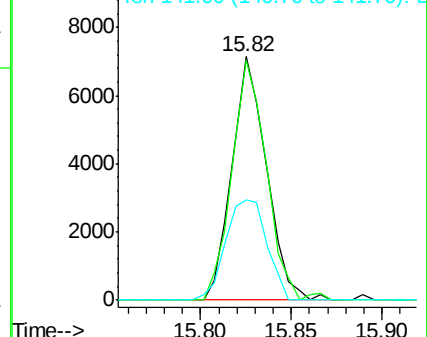
141 48.9 42.2 63.2

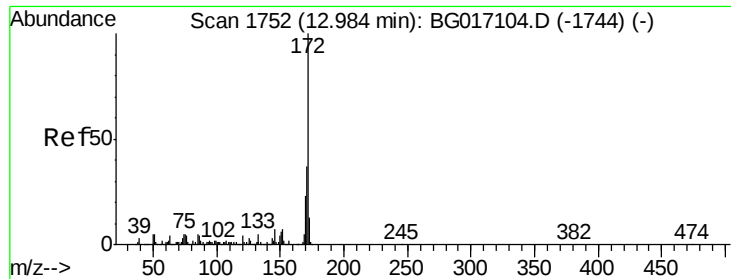


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

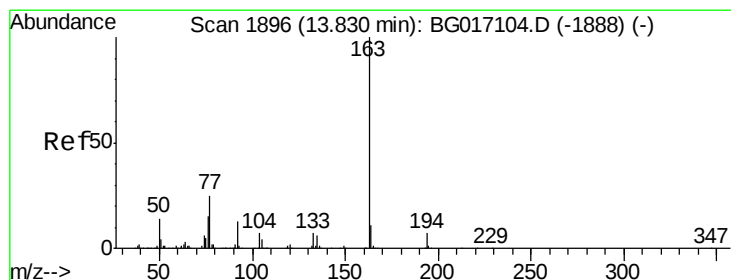
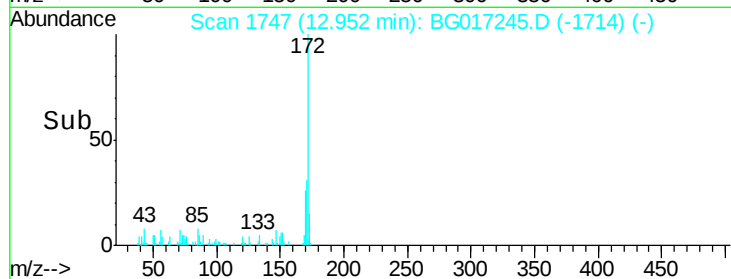
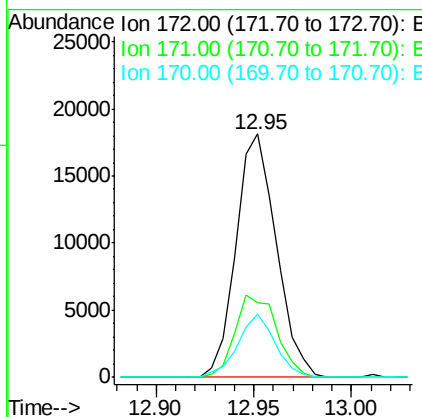
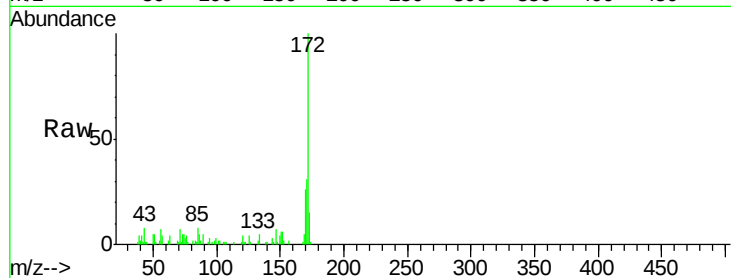




#44
2-Fluorobiphenyl
Concen: 4.96 ng
RT: 12.95 min Scan# 1747
Delta R.T. -0.01 min
Lab File: BG017245.D
Acq: 22 May 2015 14:21

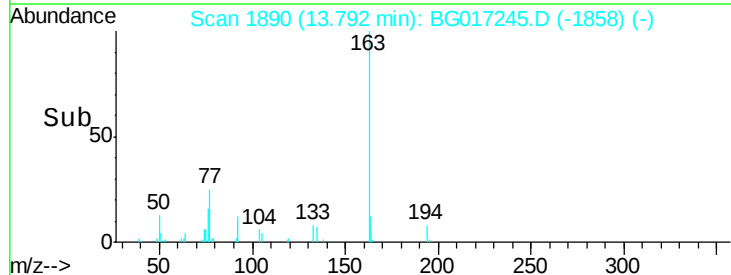
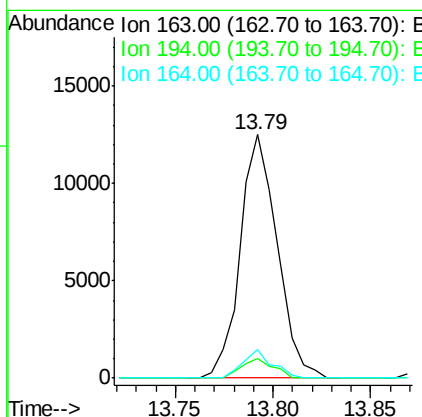
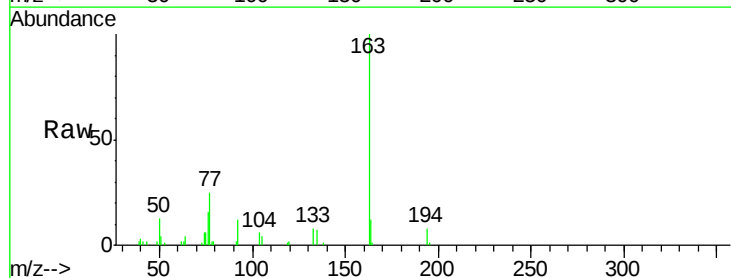
Instrument :
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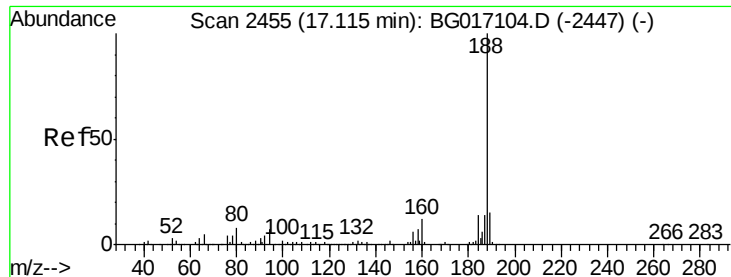
Tgt Ion:172 Resp: 25870
Ion Ratio Lower Upper
172 100
171 30.7 29.7 44.5
170 25.8 18.4 27.6



#49
Dimethylphthalate
Concen: 2.74 ng
RT: 13.79 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BG017245.D
Acq: 22 May 2015 14:21

Tgt Ion:163 Resp: 16397
Ion Ratio Lower Upper
163 100
194 8.1 5.6 8.4
164 12.8 8.6 13.0

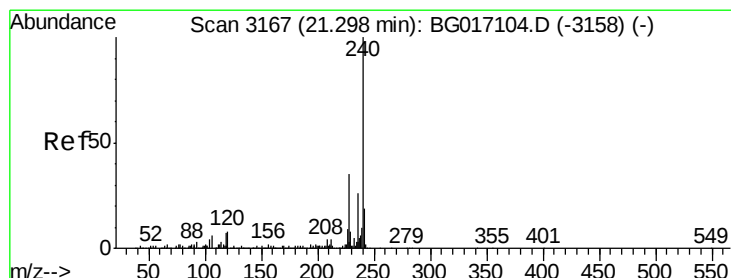
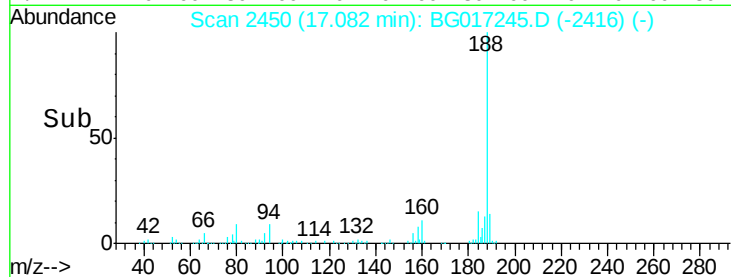
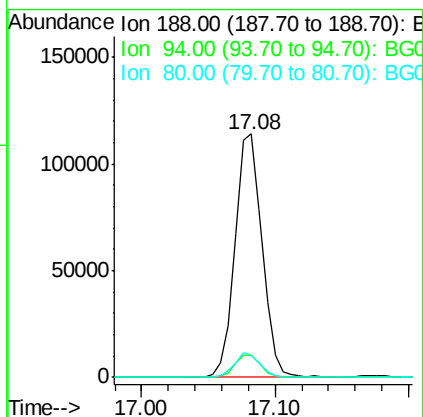
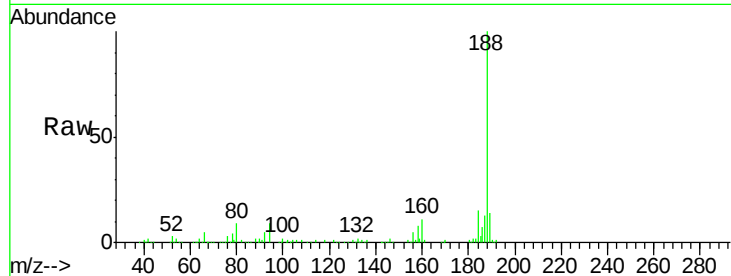




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.08 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BG017245.D
Acq: 22 May 2015 14:21

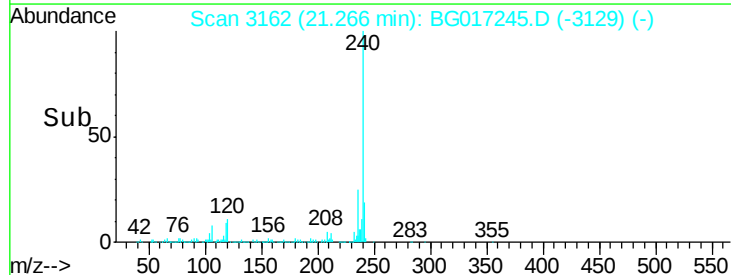
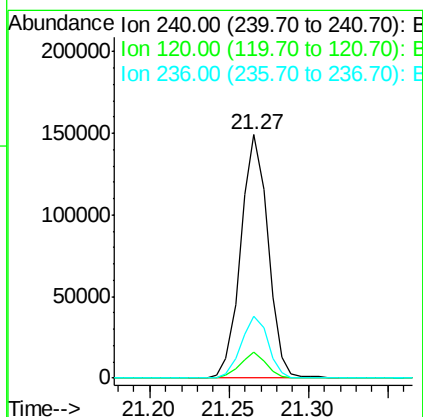
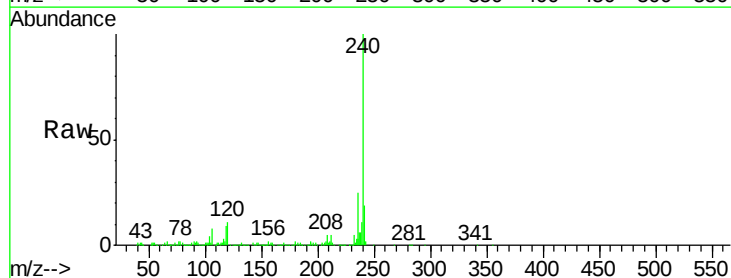
Instrument :
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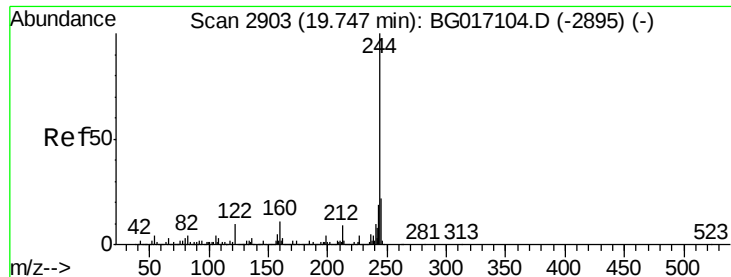
Tgt Ion:188 Resp: 160906
Ion Ratio Lower Upper
188 100
94 9.0 5.8 8.6#
80 8.9 6.5 9.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.27 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BG017245.D
Acq: 22 May 2015 14:21

Tgt Ion:240 Resp: 178473
Ion Ratio Lower Upper
240 100
120 10.7 6.0 9.0#
236 25.5 20.5 30.7





#78

Terphenyl-d14

Concen: 9.69 ng

RT: 19.71 min Scan# 2898

Delta R.T. 0.00 min

Lab File: BG017245.D

Acq: 22 May 2015 14:21

Instrument :

BNA_G

ClientSampleId :

LF001MW003-150512

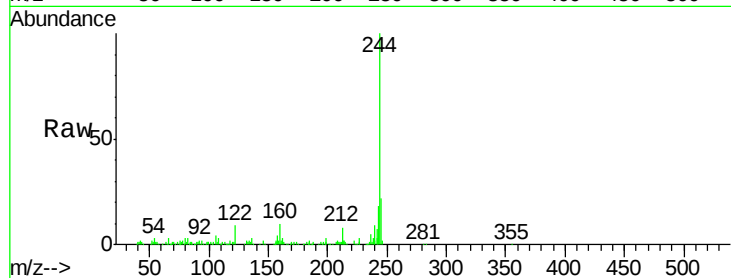
Tgt Ion:244 Resp: 82957

Ion Ratio Lower Upper

244 100

212 8.3 7.0 10.4

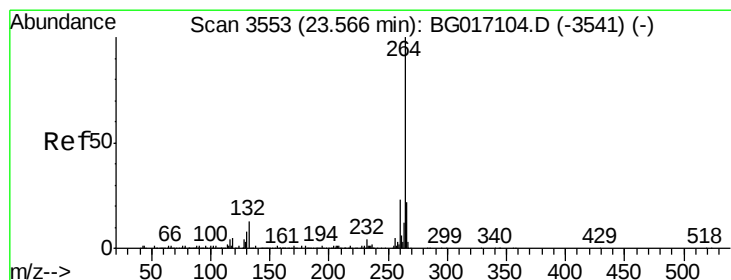
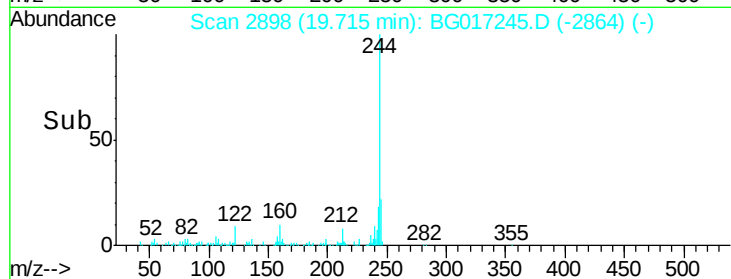
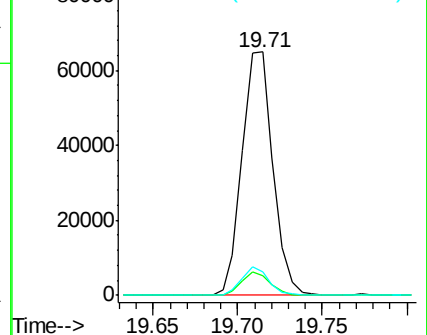
122 9.4 8.4 12.6



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: 23.52 min Scan# 3545

Delta R.T. -0.01 min

Lab File: BG017245.D

Acq: 22 May 2015 14:21

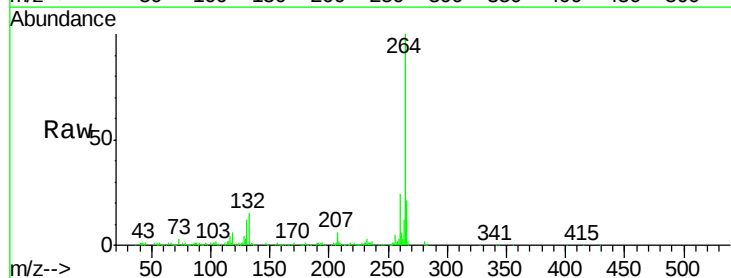
Tgt Ion:264 Resp: 180568

Ion Ratio Lower Upper

264 100

260 24.2 18.0 27.0

265 21.4 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

