

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\
 Data File : BG016941.D
 Acq On : 8 May 2015 3:37
 Operator : TP/IZ
 Sample : G2084-06
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 6

Quant Time: May 08 06:08:19 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 08 04:04:43 2015
 Response via : Initial Calibration

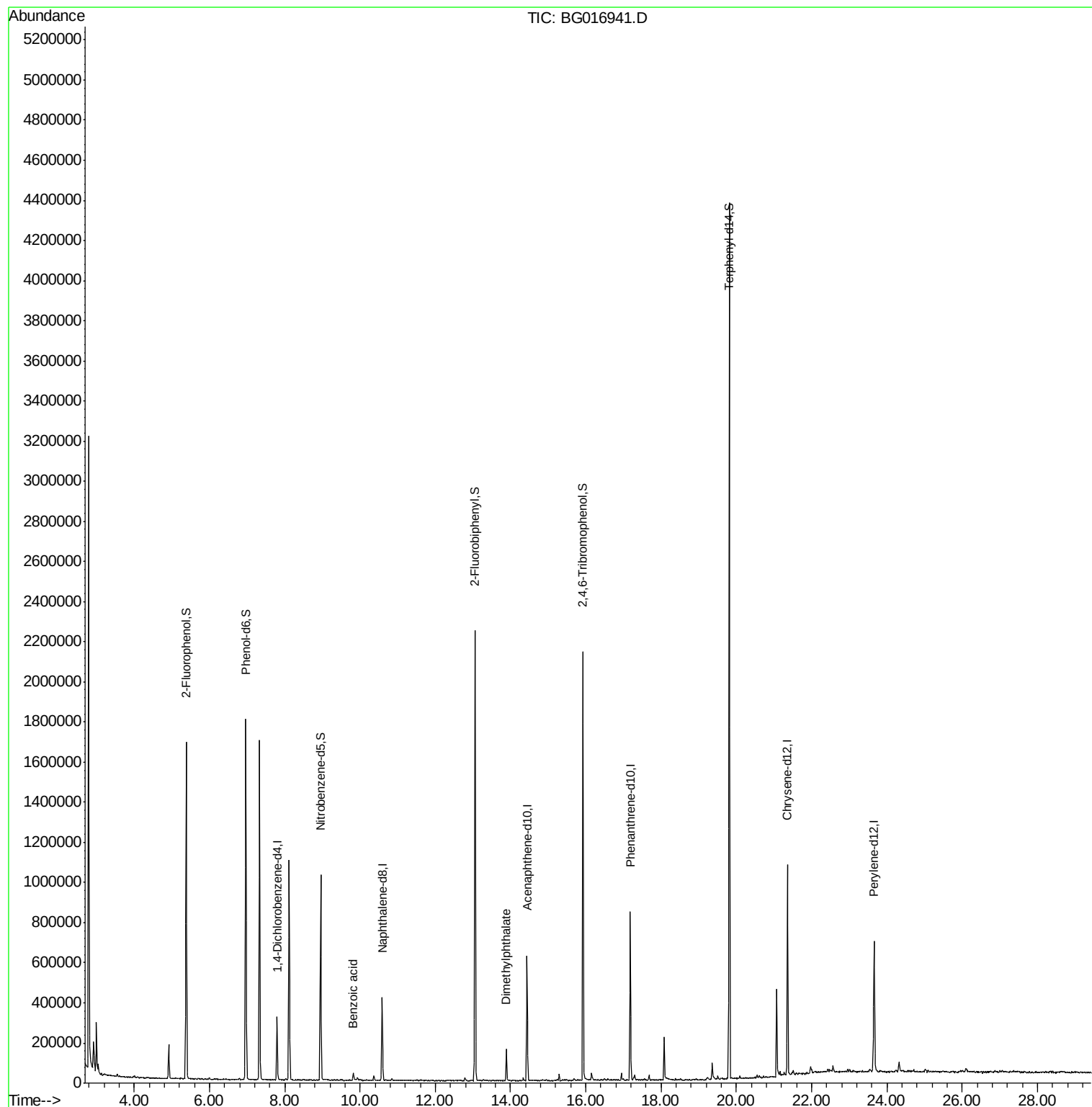
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	71832	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	308391	20.00	ng	0.00
38) Acenaphthene-d10	14.44	164	198983	20.00	ng	0.00
63) Phenanthrene-d10	17.18	188	440851	20.00	ng	0.00
75) Chrysene-d12	21.36	240	450172	20.00	ng	0.00
86) Perylene-d12	23.66	264	436748	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	599535	145.33	ng	0.00
7) Phenol-d6	6.97	99	830090	140.84	ng	0.00
23) Nitrobenzene-d5	8.95	82	535998	84.91	ng	0.00
41) 2,4,6-Tribromophenol	15.92	330	291245	145.80	ng	0.00
44) 2-Fluorobiphenyl	13.06	172	1055678	80.06	ng	0.00
78) Terphenyl-d14	19.81	244	1606764	83.67	ng	0.00
Target Compounds						
32) Benzoic acid	9.82	122	13964	6.76	ng	93
49) Dimethylphthalate	13.89	163	88206	5.94	ng	97

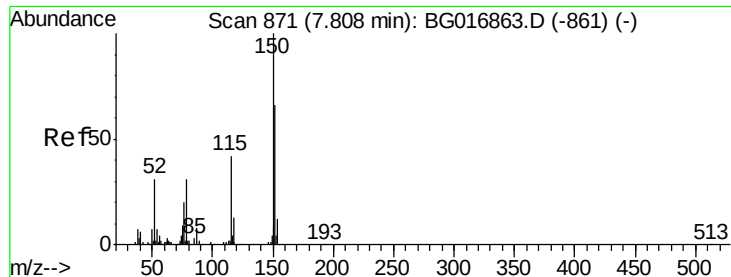
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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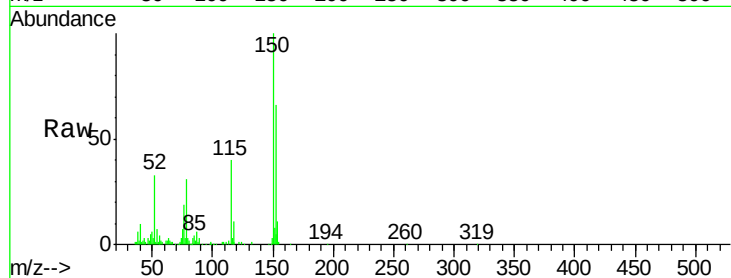


#1

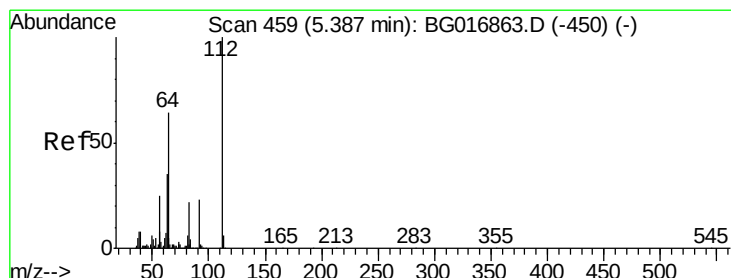
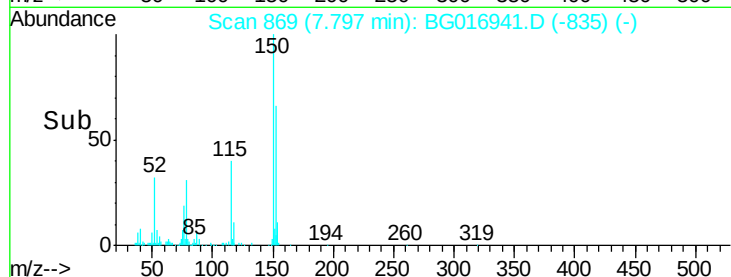
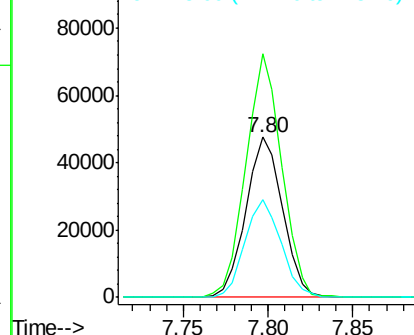
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.80 min Scan# 869
Delta R.T. -0.00 min
Lab File: BG016941.D
Acq: 8 May 2015 3:37

Instrument :
BNA_G
ClientSampleId :
6

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.3	121.0	181.4
115	61.5	50.5	75.7



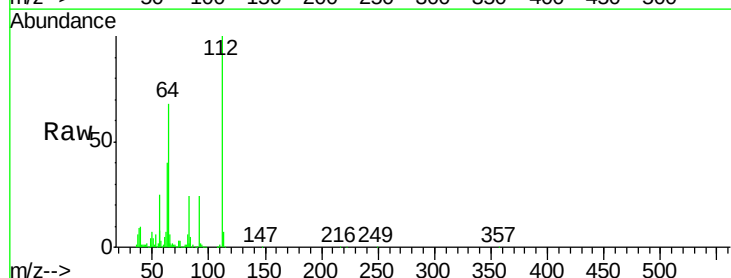
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



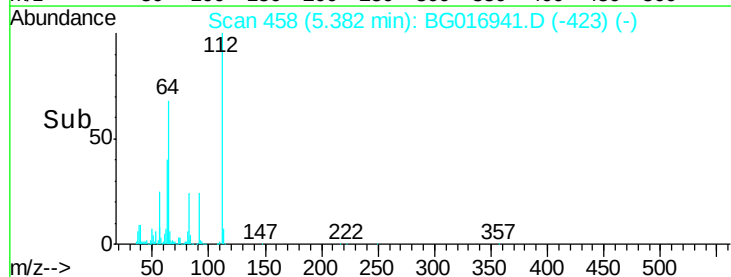
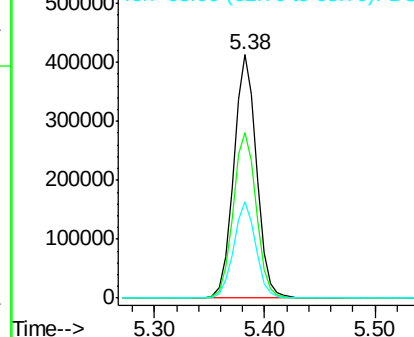
#5

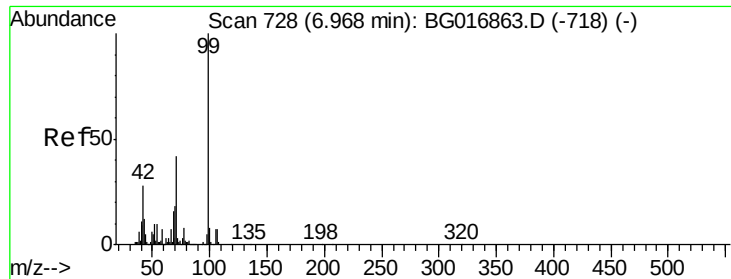
2-Fluorophenol
Concen: 145.33 ng
RT: 5.38 min Scan# 458
Delta R.T. 0.00 min
Lab File: BG016941.D
Acq: 8 May 2015 3:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.0	51.4	77.2
63	39.6	28.1	42.1



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: 140.84 ng

RT: 6.97 min Scan# 728

Delta R.T. 0.00 min

Lab File: BG016941.D

Acq: 8 May 2015 3:37

Instrument :

BNA_G

ClientSampleId :

6

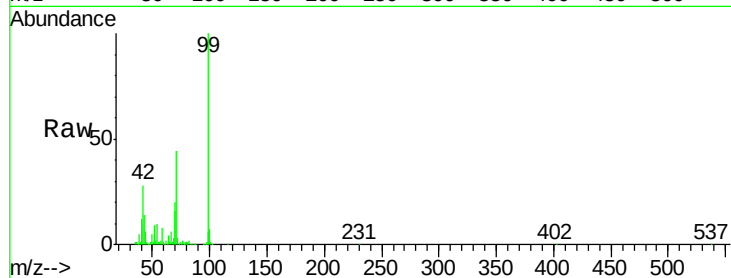
Tot Ion: 99 Resp: 830090

Ion Ratio Lower Upper

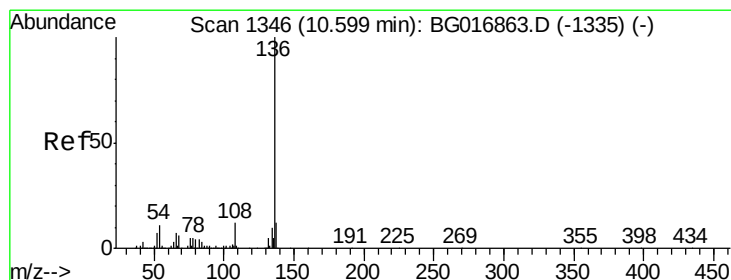
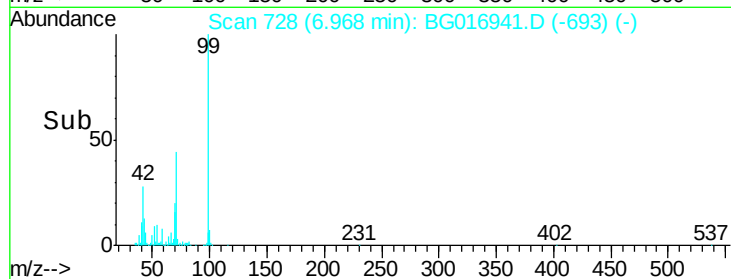
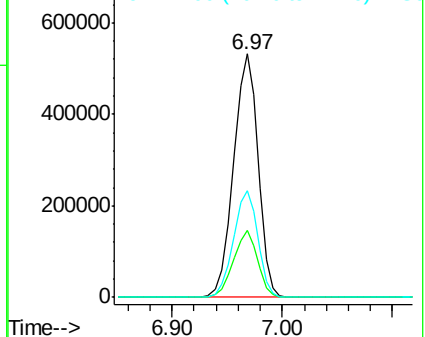
99 100

42 27.7 22.1 33.1

71 43.9 33.4 50.0



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: 10.59 min Scan# 1344

Delta R.T. -0.00 min

Lab File: BG016941.D

Acq: 8 May 2015 3:37

Tgt Ion: 136 Resp: 308391

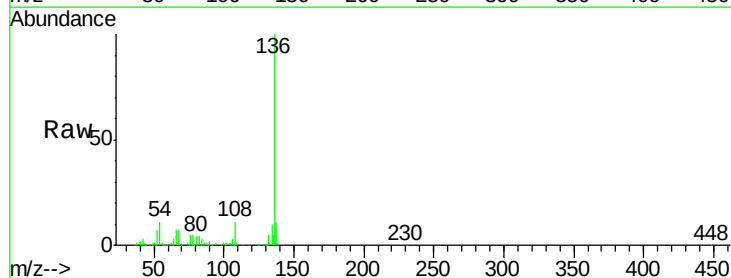
Ion Ratio Lower Upper

136 100

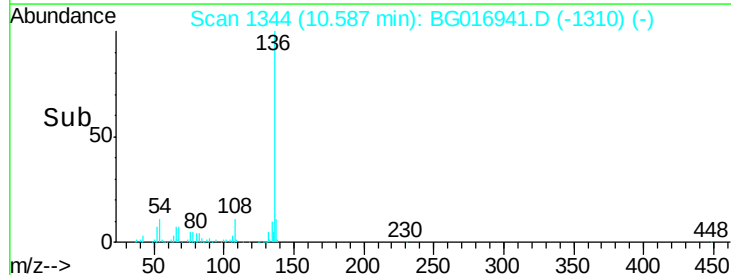
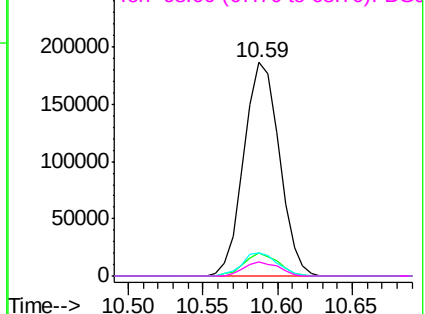
137 10.8 9.8 14.8

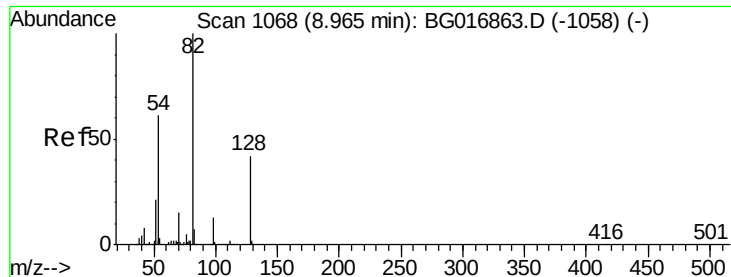
54 10.8 8.7 13.1

68 6.9 5.0 7.4



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

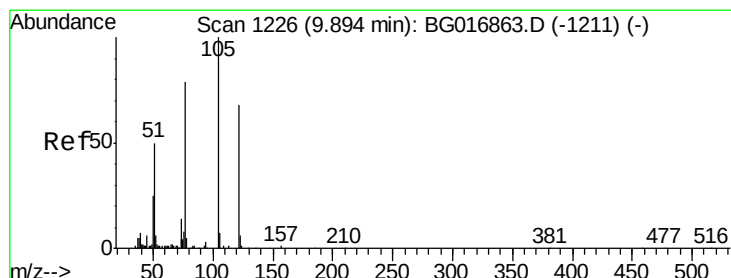
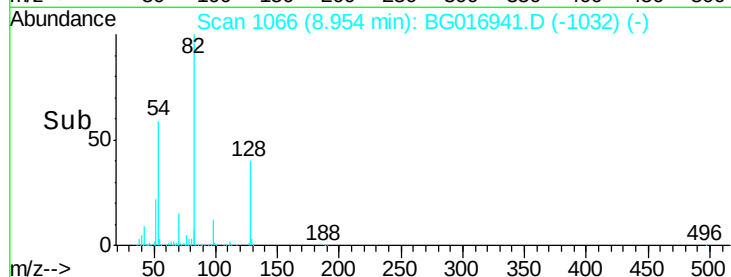
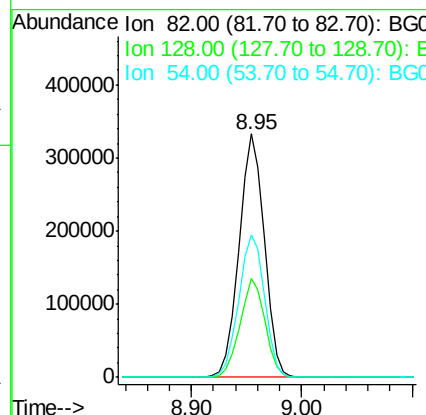
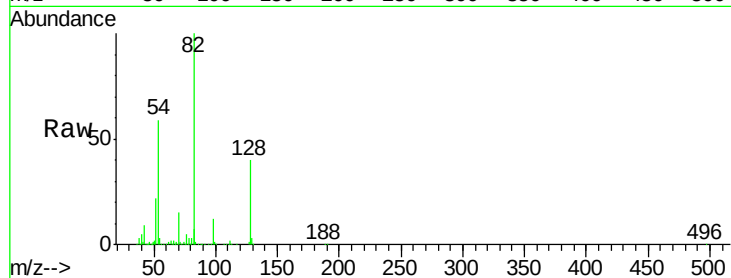




#23
 Nitrobenzene-d5
 Concen: 84.91 ng
 RT: 8.95 min Scan# 1066
 Delta R.T. -0.00 min
 Lab File: BG016941.D
 Acq: 8 May 2015 3:37

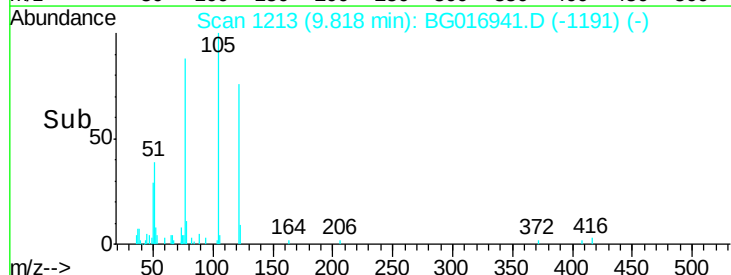
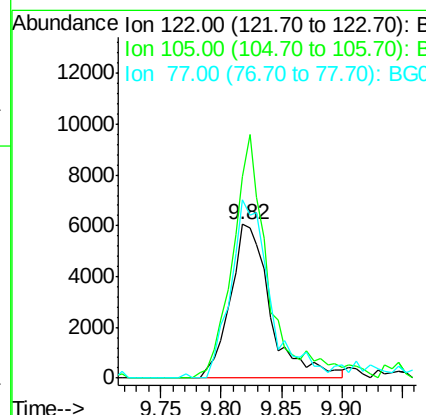
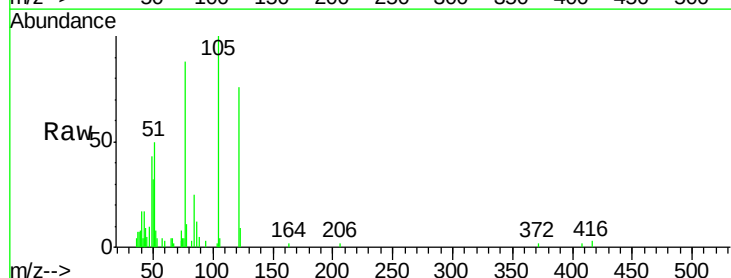
Instrument :
 BNA_G
 ClientSampleId :
 6

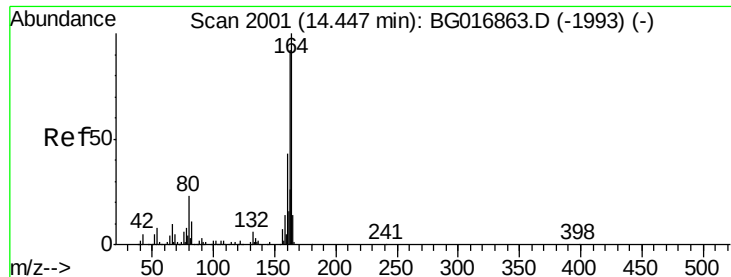
Tot Ion	Ratio	Lower	Upper
82	100		
128	40.5	33.2	49.8
54	58.8	48.6	72.8



#32
 Benzoic acid
 Concen: 6.76 ng
 RT: 9.82 min Scan# 1213
 Delta R.T. -0.07 min
 Lab File: BG016941.D
 Acq: 8 May 2015 3:37

Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.6	123.2	163.2
77	116.2	93.0	133.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.44 min Scan# 1999

Delta R.T. -0.00 min

Lab File: BG016941.D

Acq: 8 May 2015 3:37

Instrument :

BNA_G

ClientSampleId :

6

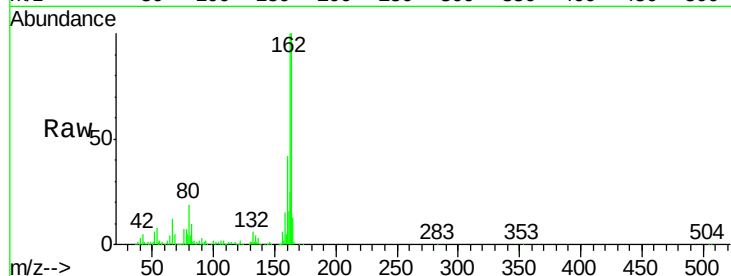
Tot Ion:164 Resp: 198983

Ion Ratio Lower Upper

164 100

162 100.1 74.0 111.0

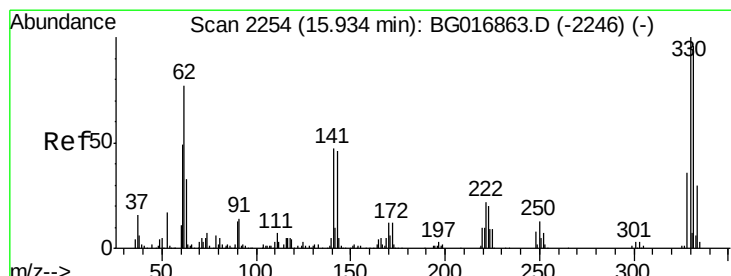
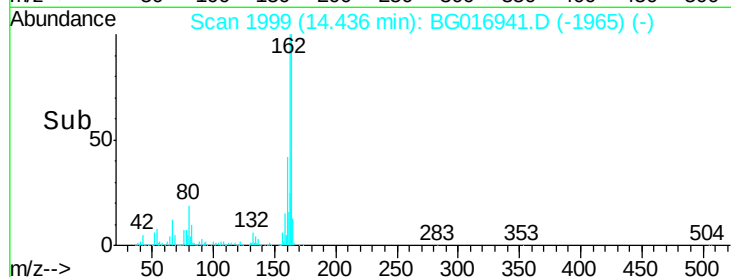
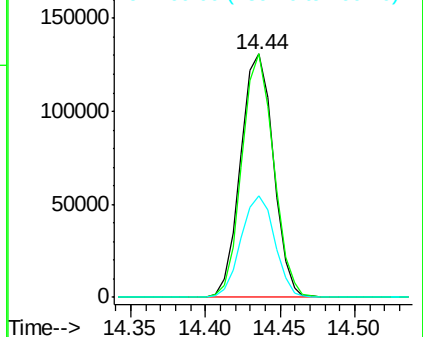
160 41.6 34.7 52.1



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: 145.80 ng

RT: 15.92 min Scan# 2252

Delta R.T. -0.00 min

Lab File: BG016941.D

Acq: 8 May 2015 3:37

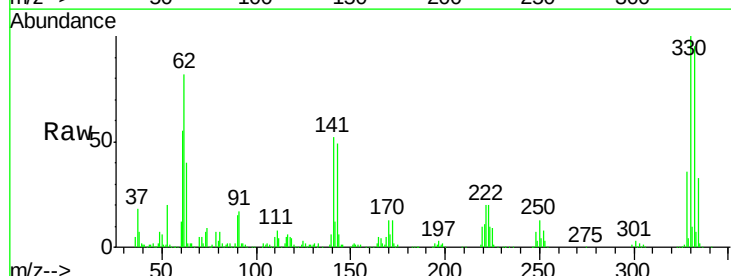
Tgt Ion:330 Resp: 291245

Ion Ratio Lower Upper

330 100

332 96.0 0.0 0.0#

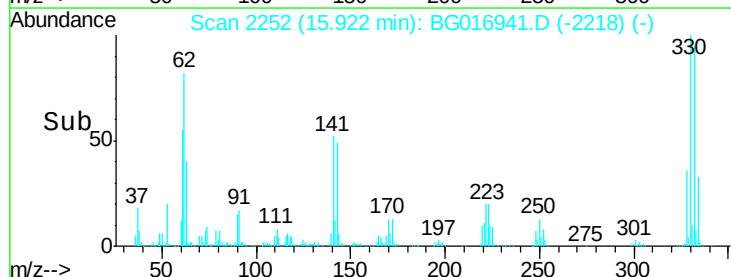
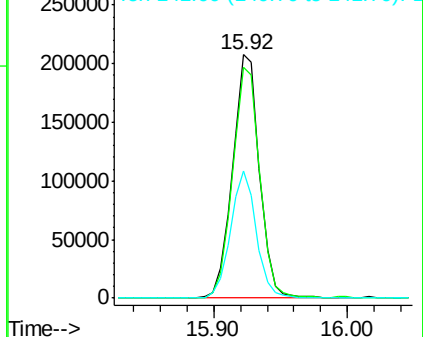
141 50.7 0.0 0.0#

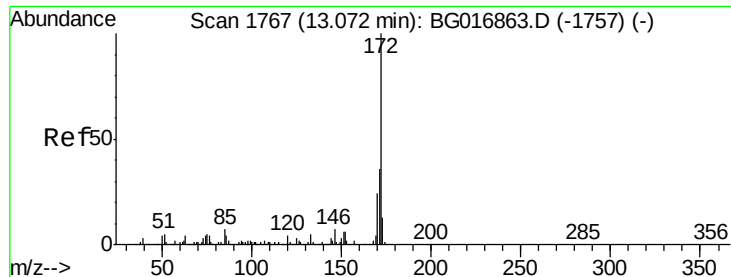


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



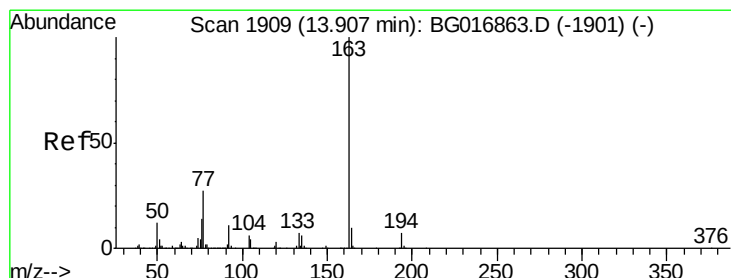
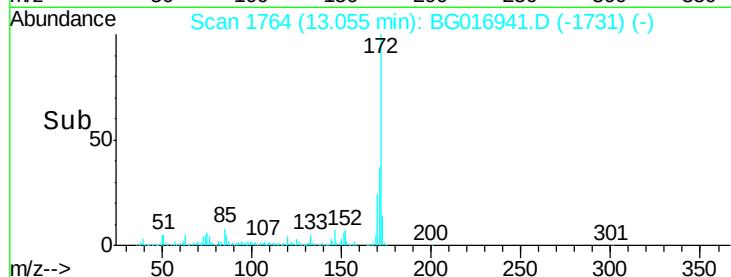
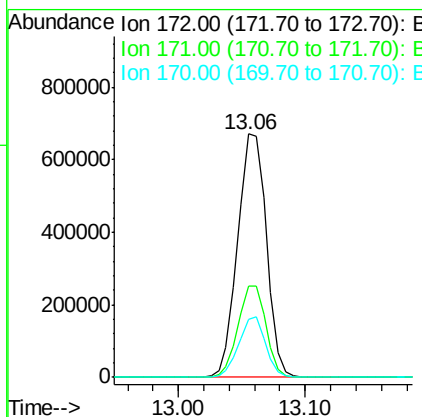
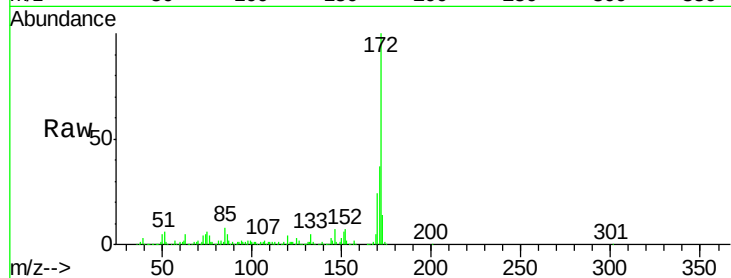


#44
 2-Fluorobiphenyl
 Concen: 80.06 ng
 RT: 13.06 min Scan# 1764
 Delta R.T. -0.01 min
 Lab File: BG016941.D
 Acq: 8 May 2015 3:37

Instrument :
 BNA_G
 ClientSampleId :
 6

Tot Ion:172 Resp: 1055678

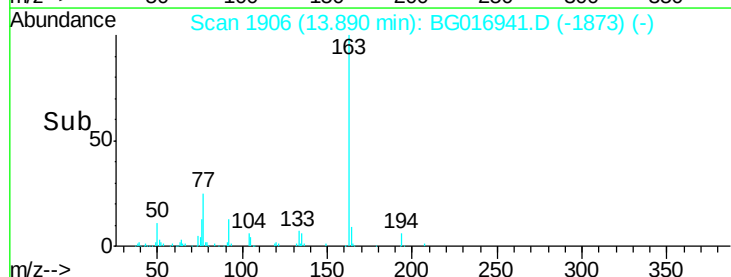
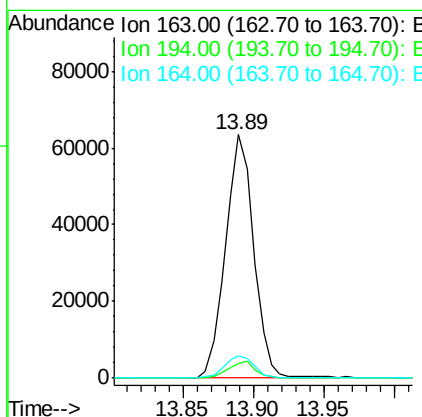
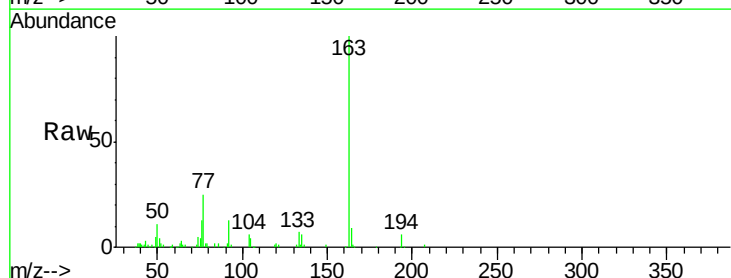
Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.0	43.4
170	24.0	19.0	28.4

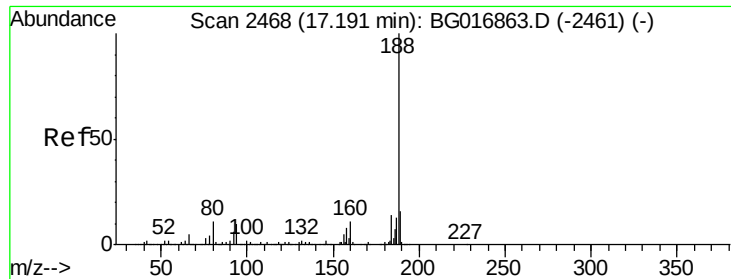


#49
 Dimethylphthalate
 Concen: 5.94 ng
 RT: 13.89 min Scan# 1906
 Delta R.T. -0.01 min
 Lab File: BG016941.D
 Acq: 8 May 2015 3:37

Tgt Ion:163 Resp: 88206

Ion	Ratio	Lower	Upper
163	100		
194	6.2	5.2	7.8
164	9.1	8.4	12.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.18 min Scan# 2466

Delta R.T. -0.00 min

Lab File: BG016941.D

Acq: 8 May 2015 3:37

Instrument :

BNA_G

ClientSampleId :

6

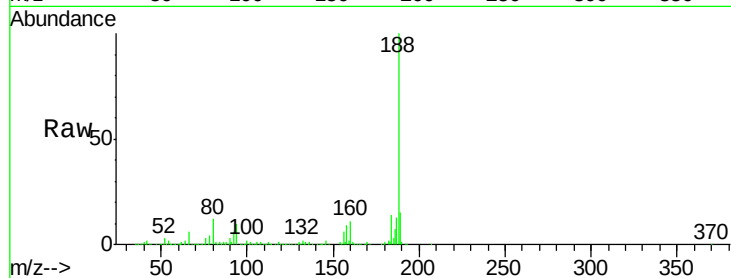
Tot Ion:188 Resp: 440851

Ion Ratio Lower Upper

188 100

94 9.6 8.2 12.4

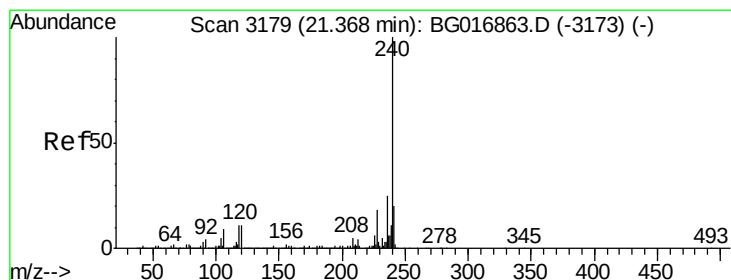
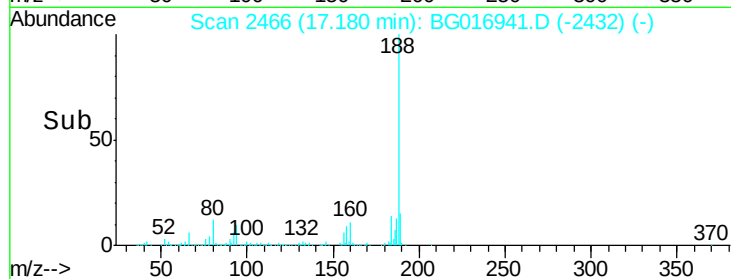
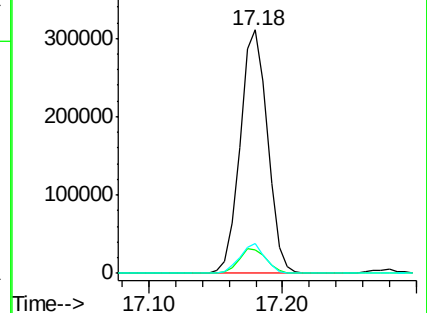
80 12.2 8.8 13.2



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: 21.36 min Scan# 3177

Delta R.T. -0.00 min

Lab File: BG016941.D

Acq: 8 May 2015 3:37

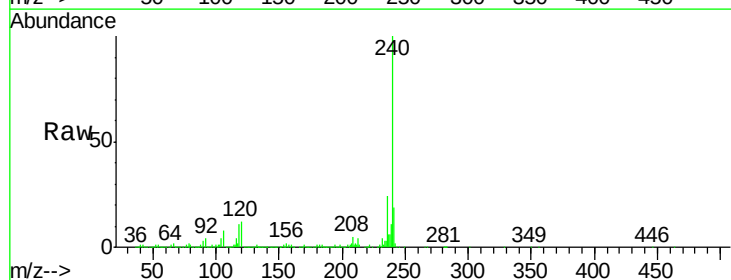
Tgt Ion:240 Resp: 450172

Ion Ratio Lower Upper

240 100

120 11.8 9.1 13.7

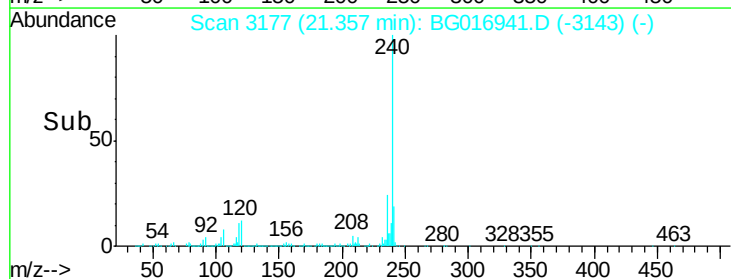
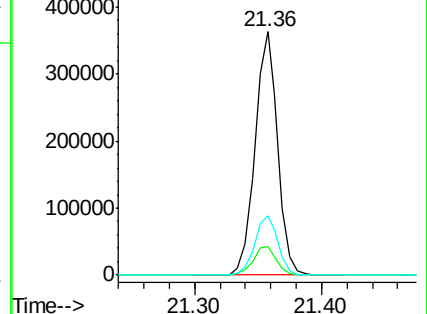
236 24.4 20.2 30.4

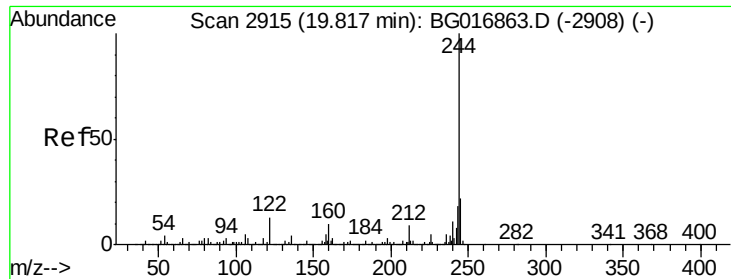


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 83.67 ng

RT: 19.81 min Scan# 2913

Delta R.T. -0.00 min

Lab File: BG016941.D

Acq: 8 May 2015 3:37

Instrument :

BNA_G

ClientSampled :

6

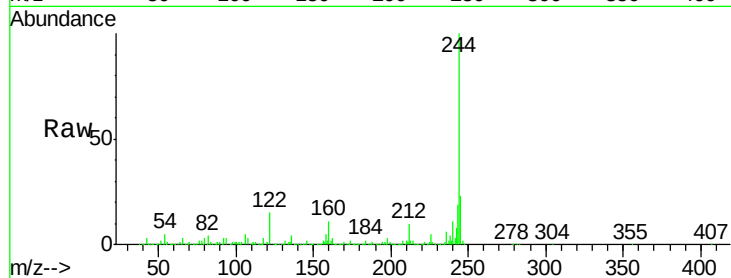
Tot Ion:244 Resp: 1606764

Ion Ratio Lower Upper

244 100

212 9.6 7.0 10.6

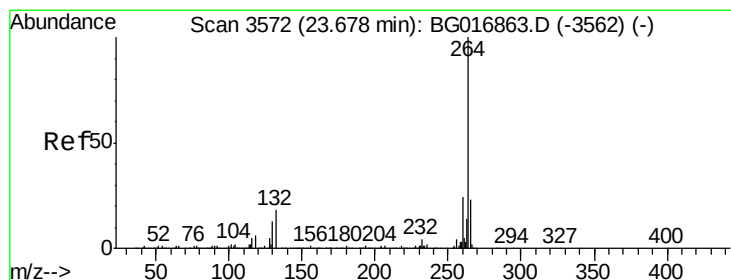
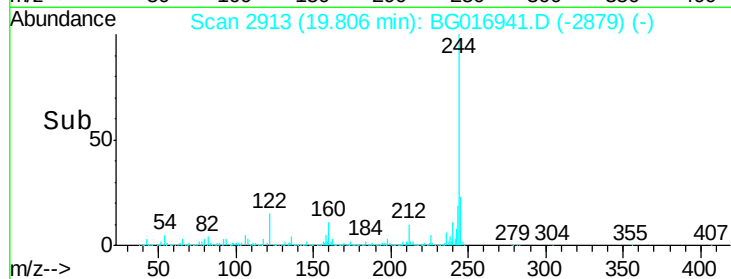
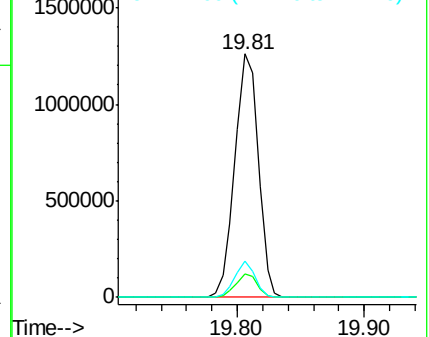
122 14.7 10.4 15.6



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: 23.66 min Scan# 3569

Delta R.T. -0.00 min

Lab File: BG016941.D

Acq: 8 May 2015 3:37

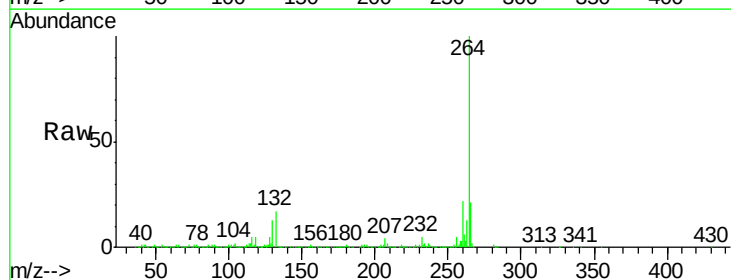
Tgt Ion:264 Resp: 436748

Ion Ratio Lower Upper

264 100

260 22.4 19.5 29.3

265 20.8 18.5 27.7



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

