

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051515\
 Data File : BG017197.D
 Acq On : 16 May 2015 4:56
 Operator : TP/IZ
 Sample : G2215-16
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-36D

Quant Time: May 16 06:30:43 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 16 00:58:53 2015
 Response via : Initial Calibration

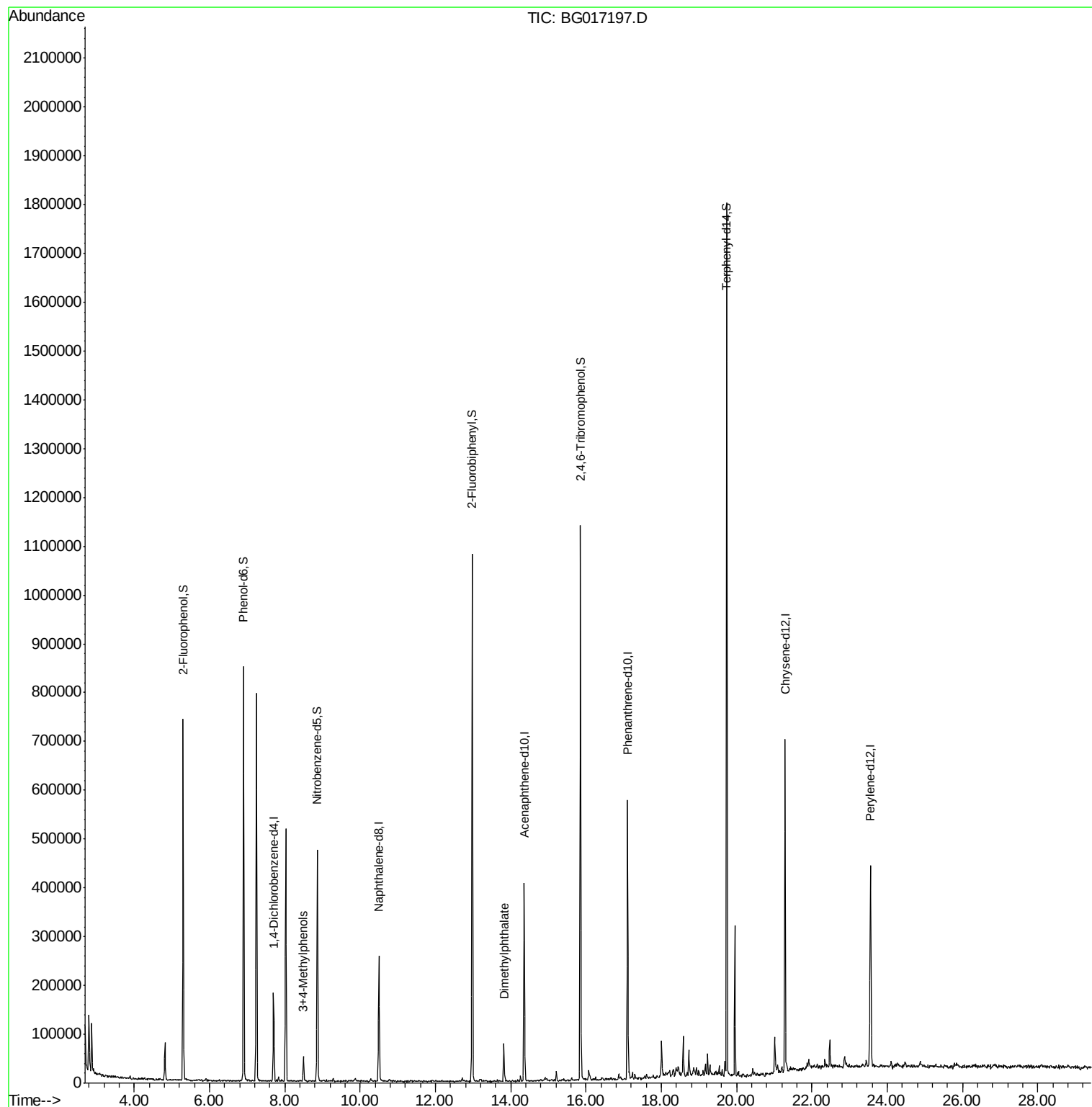
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	41957	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	181909	20.00	ng	0.00
38) Acenaphthene-d10	14.36	164	128615	20.00	ng	0.00
63) Phenanthrene-d10	17.11	188	285636	20.00	ng	0.00
75) Chrysene-d12	21.29	240	287627	20.00	ng	0.00
86) Perylene-d12	23.56	264	280739	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	251318	106.27	ng	0.00
7) Phenol-d6	6.91	99	358207	107.94	ng	0.00
23) Nitrobenzene-d5	8.86	82	235322	60.40	ng	0.00
41) 2,4,6-Tribromophenol	15.85	330	154592	99.43	ng	0.00
44) 2-Fluorobiphenyl	12.98	172	452713	51.65	ng	0.00
78) Terphenyl-d14	19.74	244	638342	46.25	ng	0.00
Target Compounds						
20) 3+4-Methylphenols	8.49	107	17196	4.85	ng	87
49) Dimethylphthalate	13.82	163	39226	3.90	ng	96

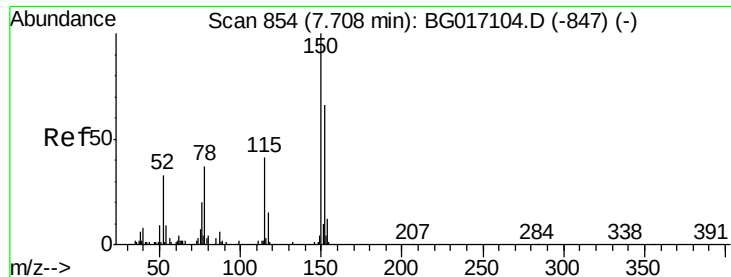
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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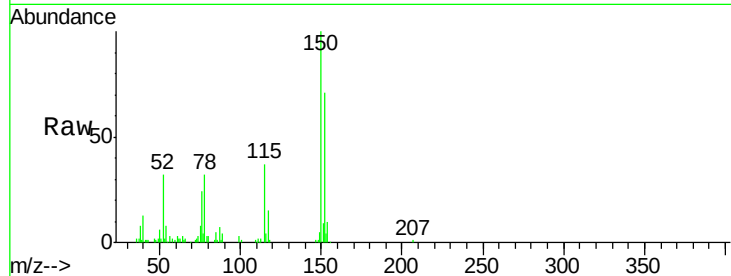


#1

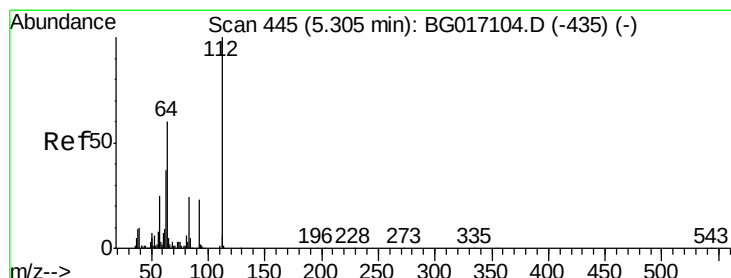
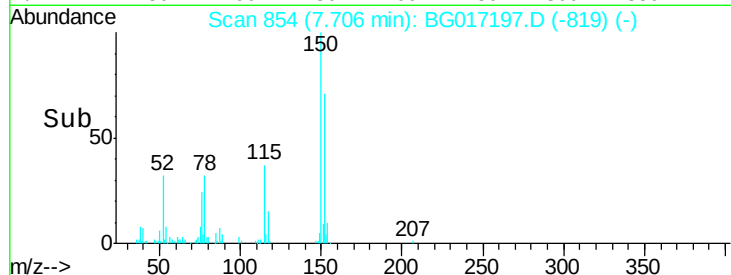
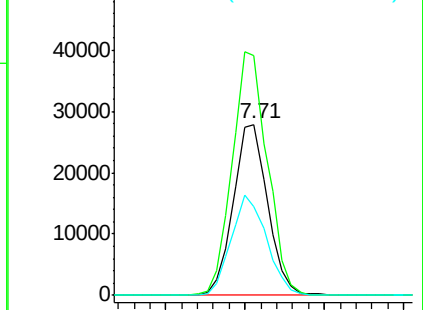
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 854
Delta R.T. 0.00 min
Lab File: BG017197.D
Acq: 16 May 2015 4:56

Instrument :
BNA_G
ClientSampleId :
SB-36D

Tgt Ion:152 Resp: 41957
Ion Ratio Lower Upper
152 100
150 140.5 120.8 181.2
115 52.0 49.4 74.2



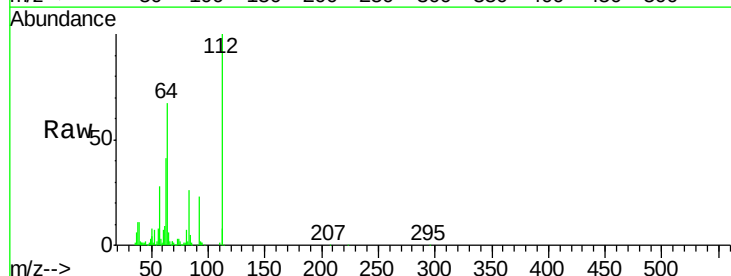
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



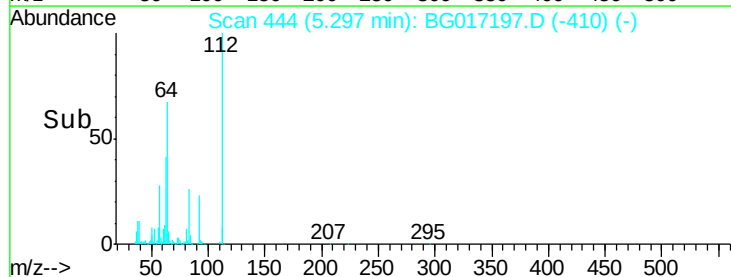
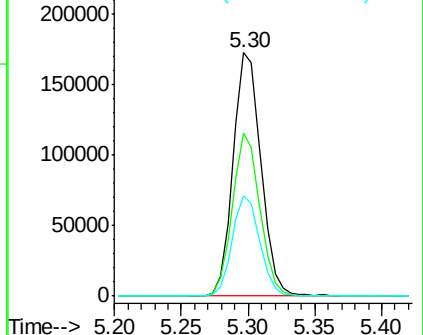
#5

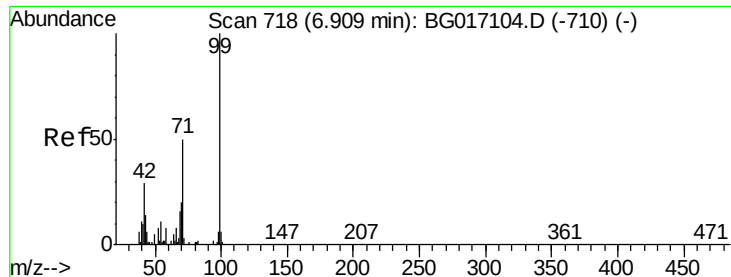
2-Fluorophenol
Concen: 106.27 ng
RT: 5.30 min Scan# 444
Delta R.T. -0.00 min
Lab File: BG017197.D
Acq: 16 May 2015 4:56

Tgt Ion:112 Resp: 251318
Ion Ratio Lower Upper
112 100
64 66.7 48.1 72.1
63 41.0 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: 107.94 ng

RT: 6.91 min Scan# 718

Delta R.T. -0.00 min

Lab File: BG017197.D

Acq: 16 May 2015 4:56

Instrument :

BNA_G

ClientSampleId :

SB-36D

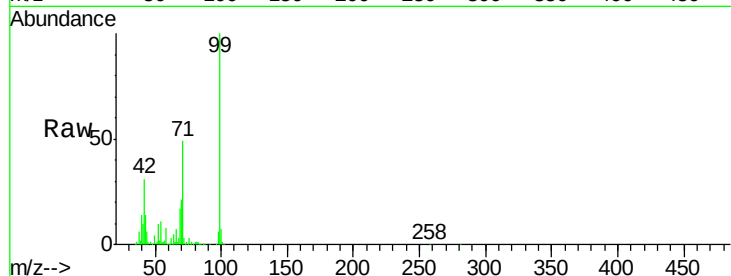
Tgt Ion: 99 Resp: 358207

Ion Ratio Lower Upper

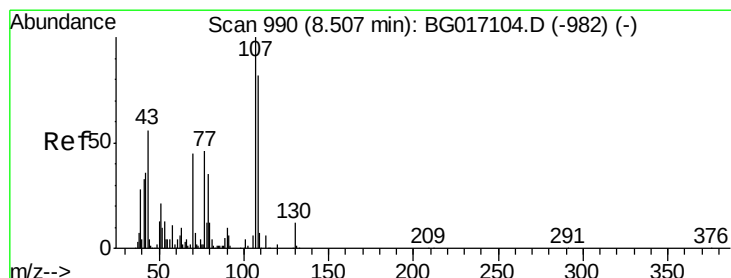
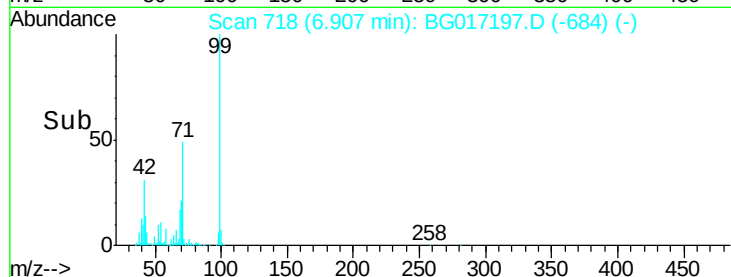
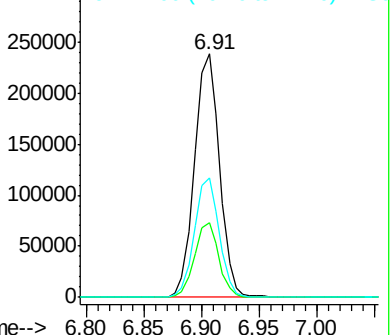
99 100

42 30.6 23.5 35.3

71 49.0 39.8 59.8



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



#20

3+4-Methylphenols

Concen: 4.85 ng

RT: 8.49 min Scan# 988

Delta R.T. -0.01 min

Lab File: BG017197.D

Acq: 16 May 2015 4:56

Tgt Ion: 107 Resp: 17196

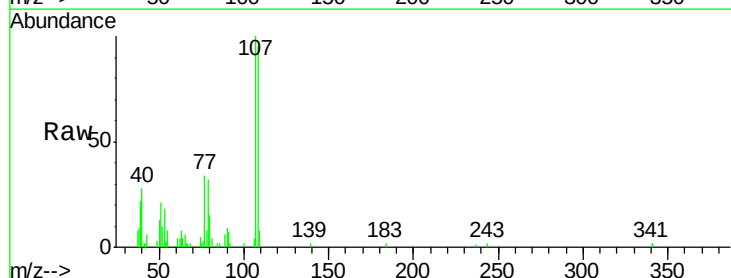
Ion Ratio Lower Upper

107 100

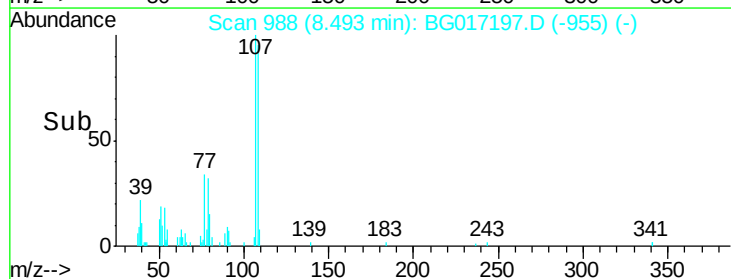
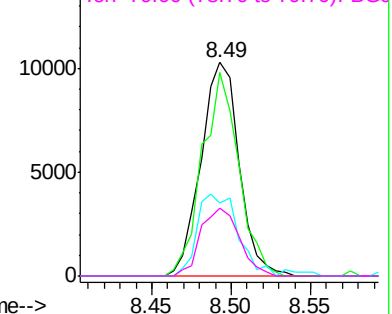
108 95.1 62.2 102.2

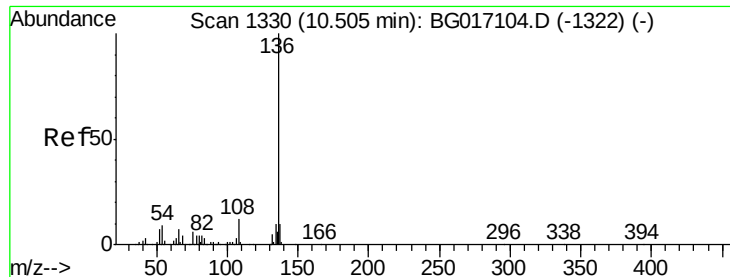
77 33.9 26.0 66.0

79 32.0 14.8 54.8



Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

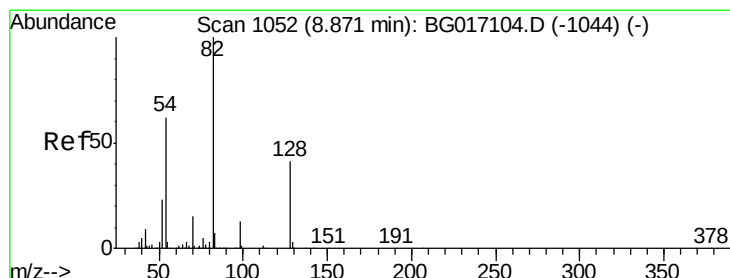
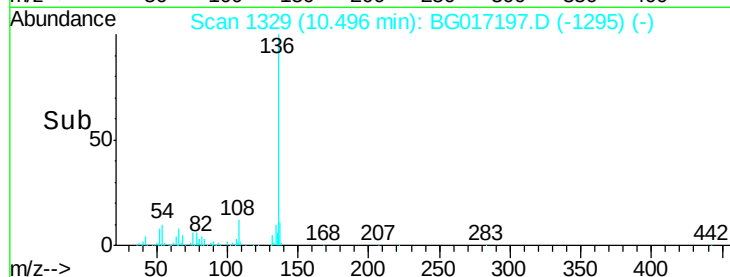
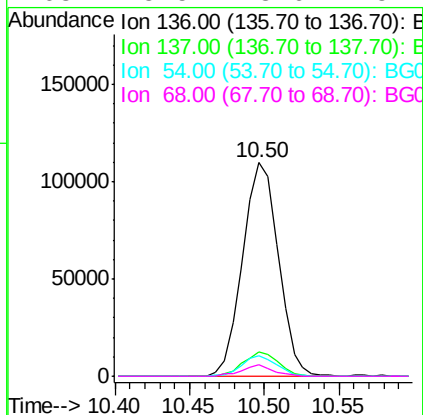
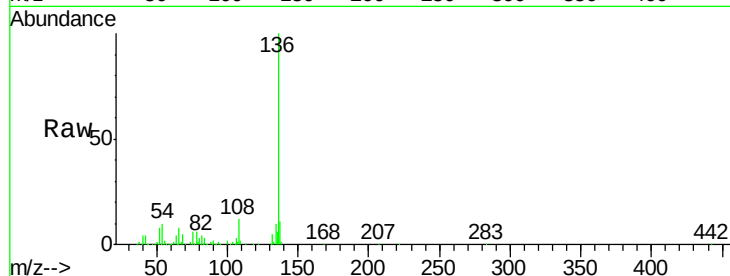




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.50 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BG017197.D
Acq: 16 May 2015 4:56

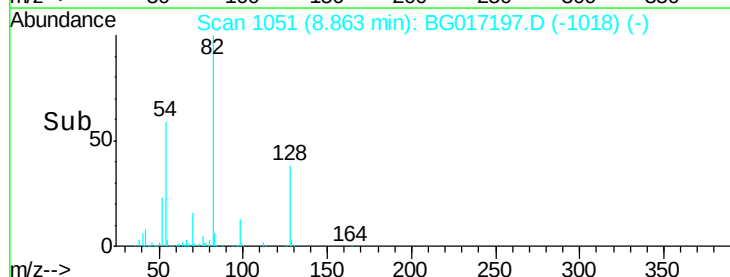
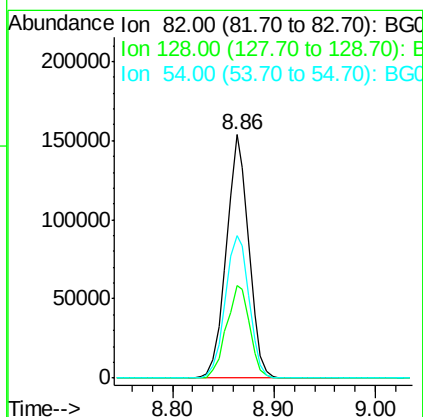
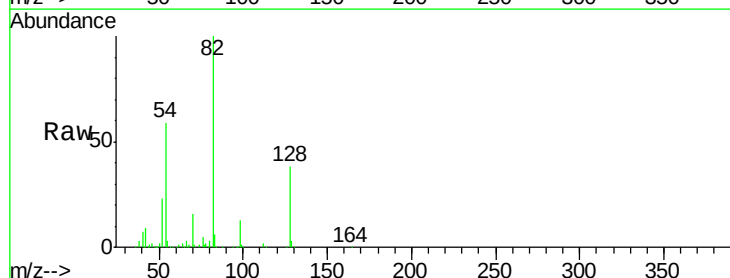
Instrument :
BNA_G
ClientSampleId :
SB-36D

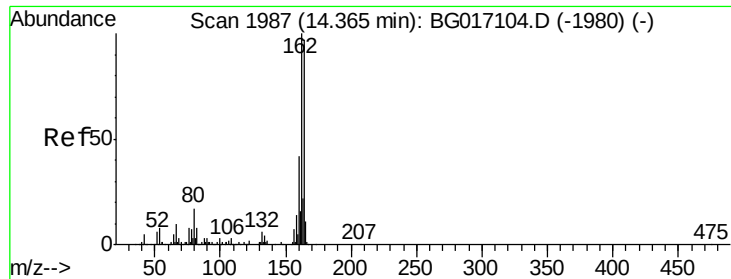
Tgt Ion:	136	Resp:	181909
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.3	12.5
54	9.7	7.4	11.2
68	5.5	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 60.40 ng
RT: 8.86 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BG017197.D
Acq: 16 May 2015 4:56

Tgt Ion:	82	Resp:	235322
Ion	Ratio	Lower	Upper
82	100		
128	37.9	32.6	49.0
54	58.5	49.6	74.4





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.36 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BG017197.D

Acq: 16 May 2015 4:56

Instrument :

BNA_G

ClientSampleId :

SB-36D

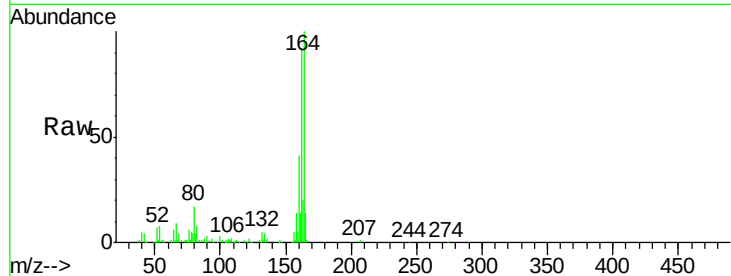
Tgt Ion:164 Resp: 128615

Ion Ratio Lower Upper

164 100

162 92.0 82.1 123.1

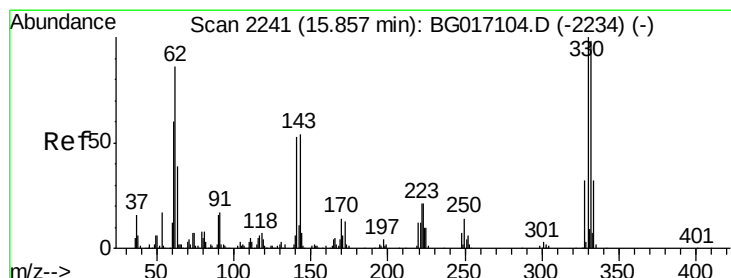
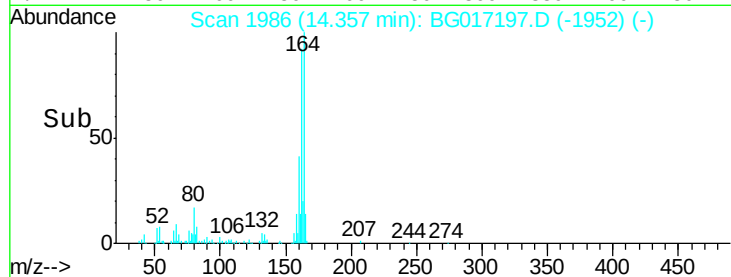
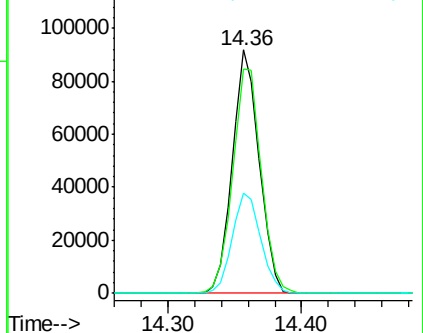
160 41.1 34.8 52.2



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: 99.43 ng

RT: 15.85 min Scan# 2241

Delta R.T. -0.00 min

Lab File: BG017197.D

Acq: 16 May 2015 4:56

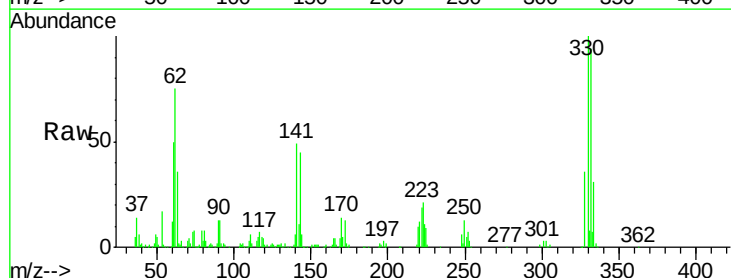
Tgt Ion:330 Resp: 154592

Ion Ratio Lower Upper

330 100

332 96.2 76.9 115.3

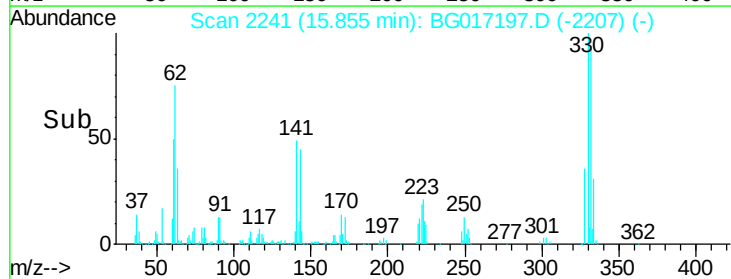
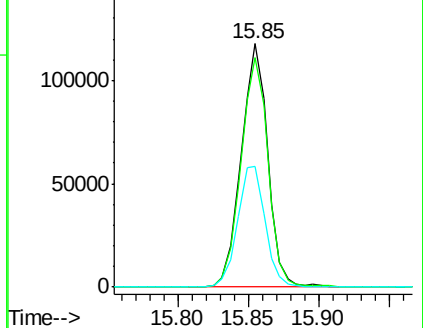
141 51.9 42.2 63.2

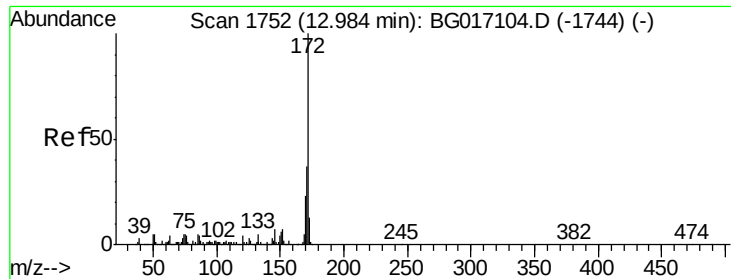


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

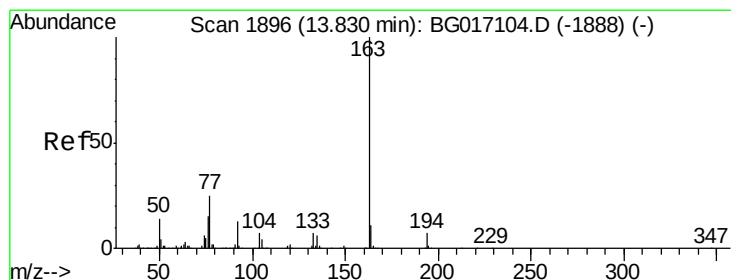
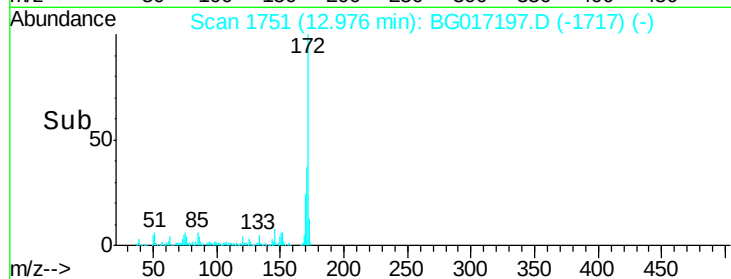
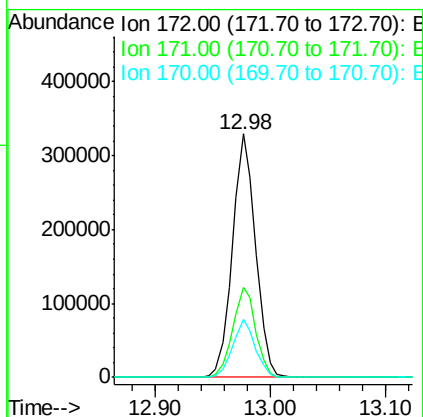
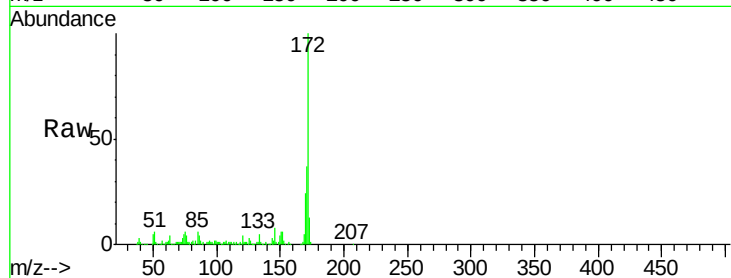




#44
2-Fluorobiphenyl
Concen: 51.65 ng
RT: 12.98 min Scan# 1751
Delta R.T. -0.00 min
Lab File: BG017197.D
Acq: 16 May 2015 4:56

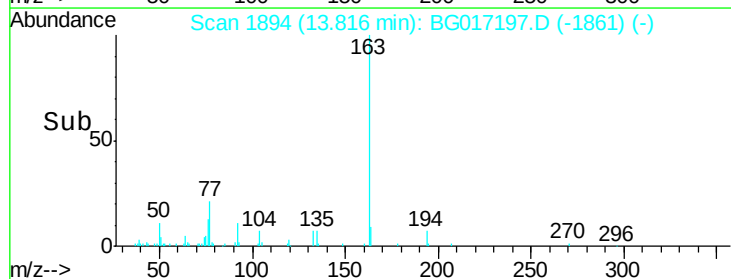
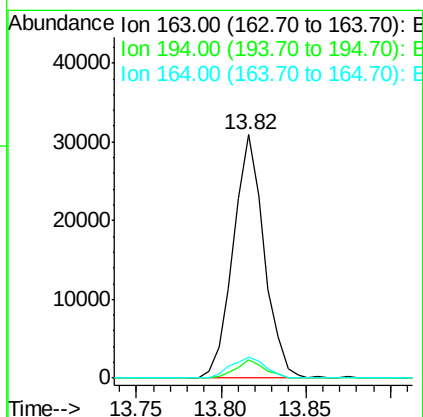
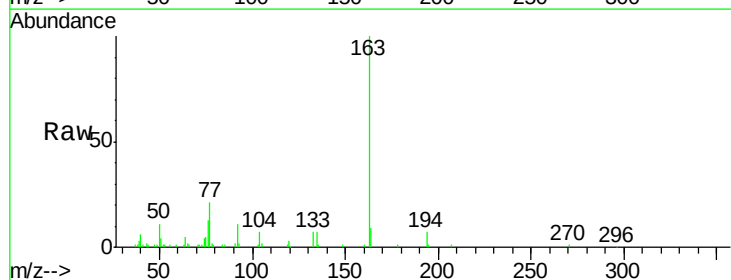
Instrument :
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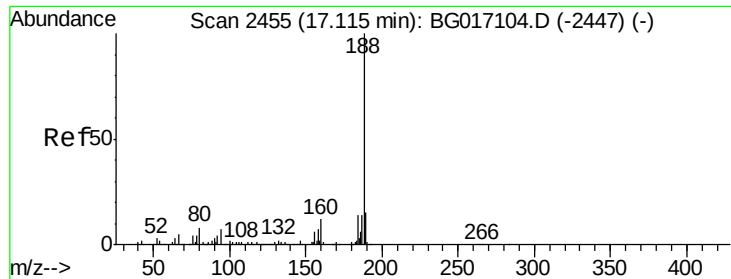
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	23.9	18.4	27.6



#49
Dimethylphthalate
Concen: 3.90 ng
RT: 13.82 min Scan# 1894
Delta R.T. -0.01 min
Lab File: BG017197.D
Acq: 16 May 2015 4:56

Tgt Ion	Ratio	Lower	Upper
163	100		
194	7.4	5.6	8.4
164	8.7	8.6	13.0

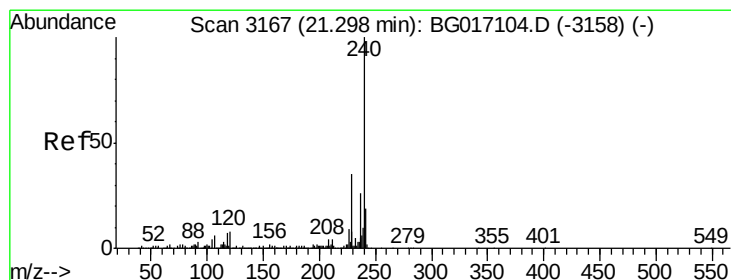
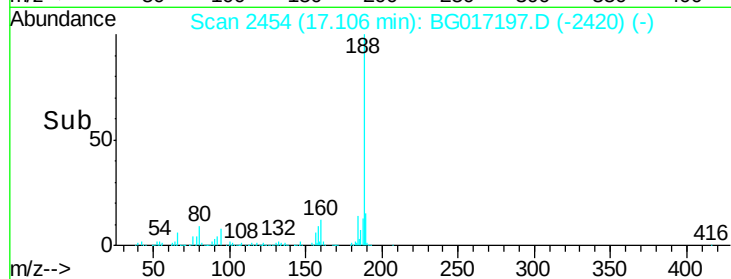
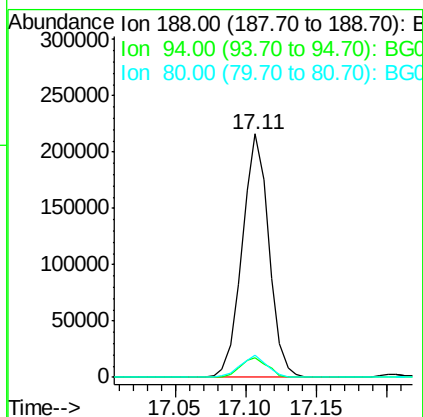
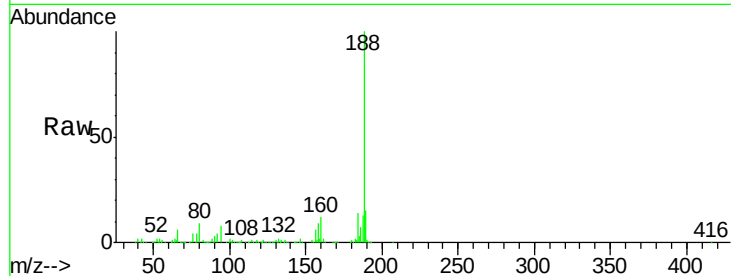




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.11 min Scan# 2454
Delta R.T. -0.00 min
Lab File: BG017197.D
Acq: 16 May 2015 4:56

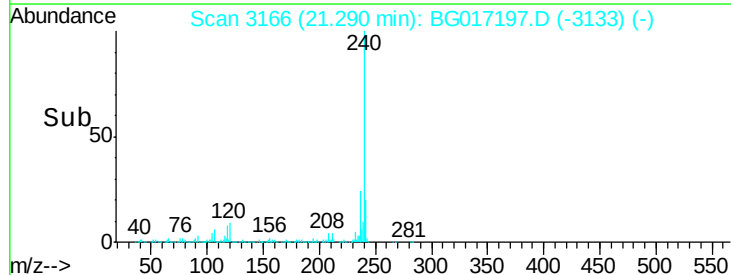
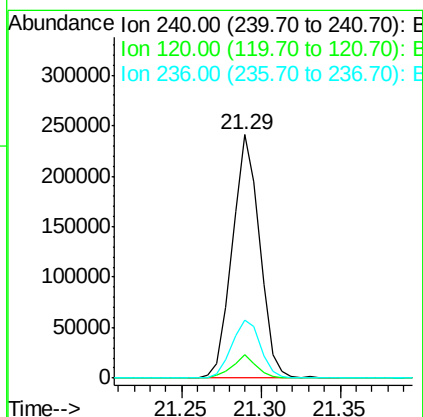
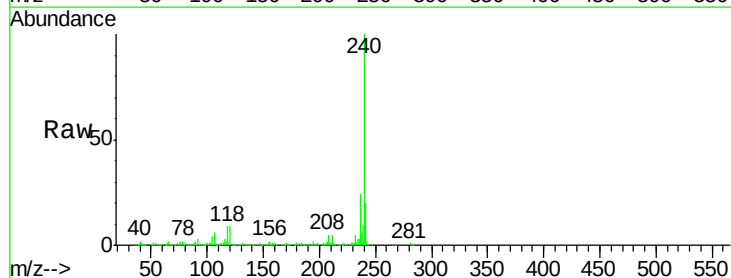
Instrument :
BNA_G
ClientSampleId :
SB-36D

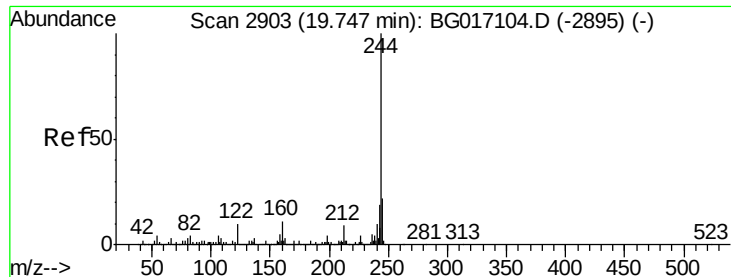
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	5.8	8.6
80	8.9	6.5	9.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.29 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG017197.D
Acq: 16 May 2015 4:56

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.5	6.0	9.0#
236	23.9	20.5	30.7





#78

Terphenyl-d14

Concen: 46.25 ng

RT: 19.74 min Scan# 2902

Delta R.T. -0.00 min

Lab File: BG017197.D

Acq: 16 May 2015 4:56

Instrument :

BNA_G

ClientSampleId :

SB-36D

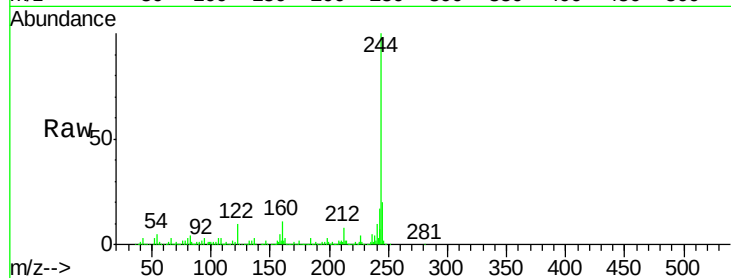
Tgt Ion:244 Resp: 638342

Ion Ratio Lower Upper

244 100

212 8.1 7.0 10.4

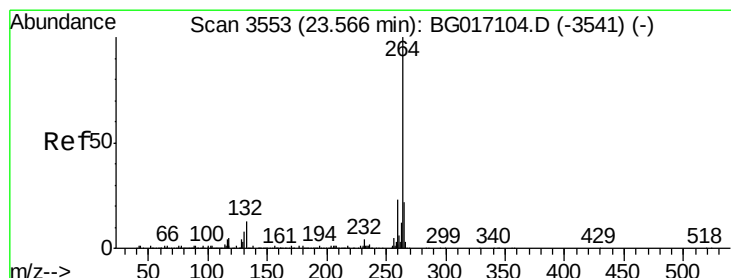
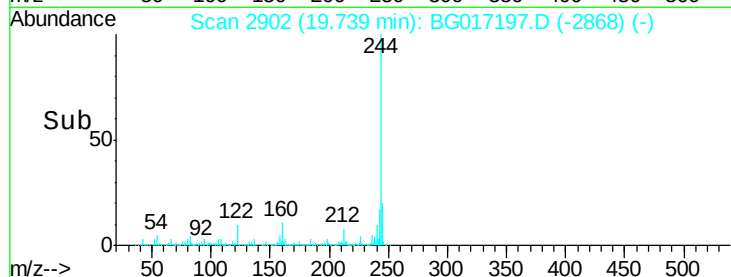
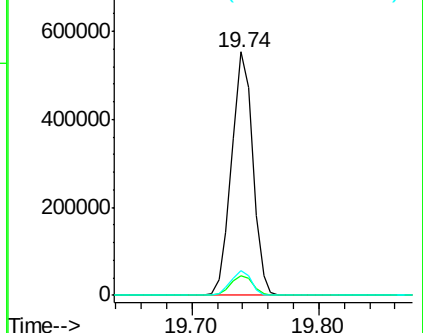
122 10.2 8.4 12.6



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: 23.56 min Scan# 3552

Delta R.T. -0.00 min

Lab File: BG017197.D

Acq: 16 May 2015 4:56

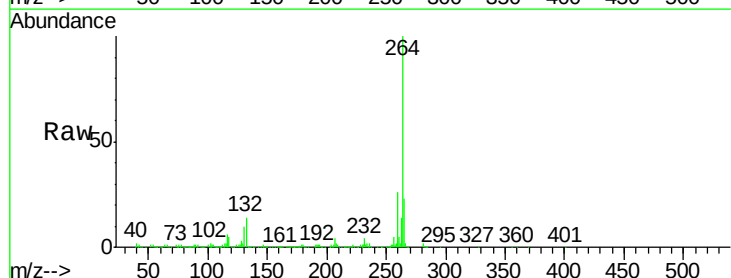
Tgt Ion:264 Resp: 280739

Ion Ratio Lower Upper

264 100

260 25.6 18.0 27.0

265 23.4 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

