

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042015\
 Data File : BG016561.D
 Acq On : 20 Apr 2015 21:01
 Operator : TP/IZ
 Sample : G1898-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-40

Quant Time: Apr 21 02:16:57 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 21 01:34:55 2015
 Response via : Initial Calibration

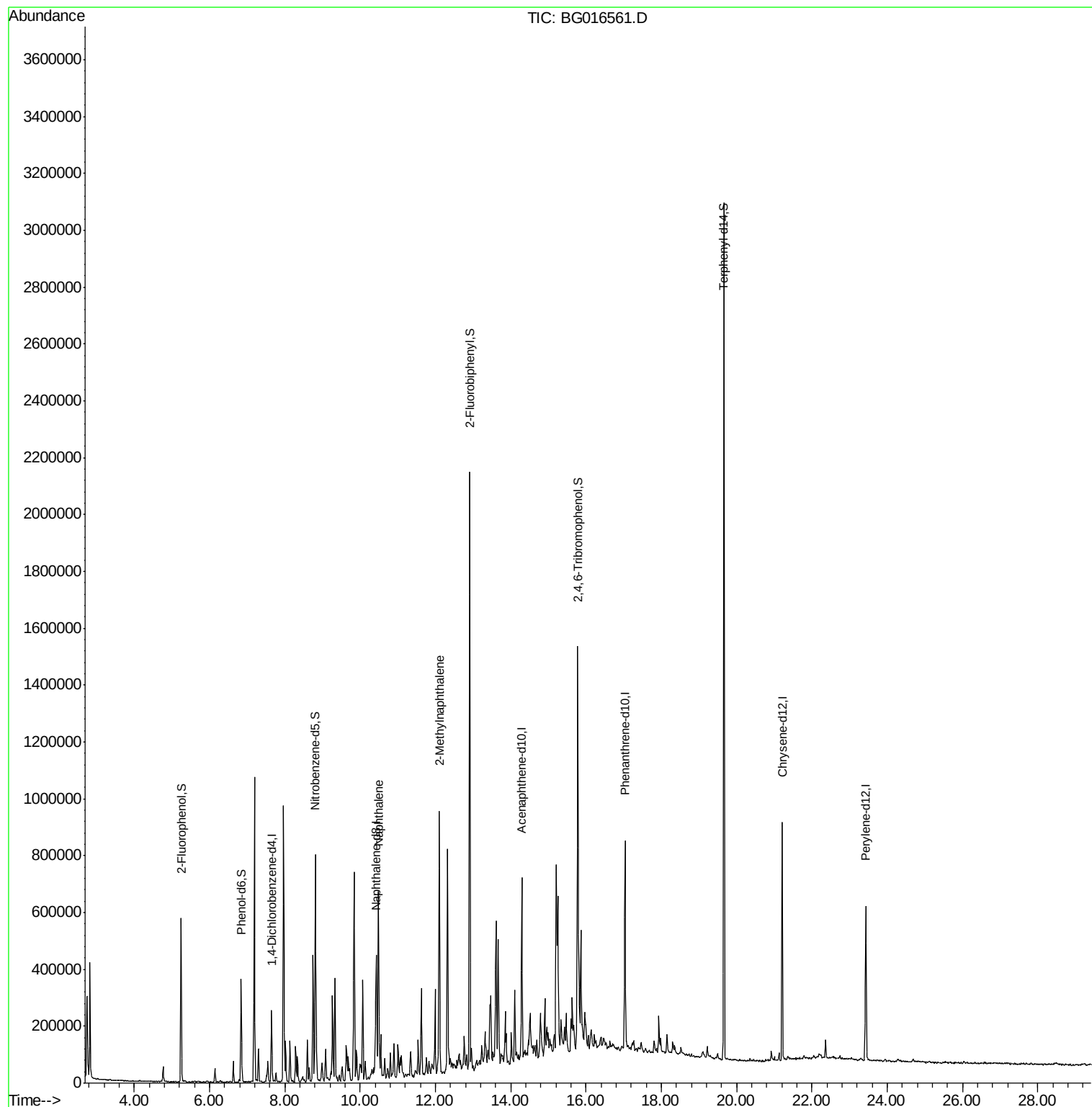
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	71027	20.00	ng	0.01
21) Naphthalene-d8	10.43	136	316580	20.00	ng	0.00
38) Acenaphthene-d10	14.29	164	197445	20.00	ng	0.00
63) Phenanthrene-d10	17.04	188	389080	20.00	ng	0.00
75) Chrysene-d12	21.21	240	329498	20.00	ng	0.00
86) Perylene-d12	23.43	264	308658	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	277467	61.65	ng	0.01
7) Phenol-d6	6.84	99	247490	36.63	ng	0.01
23) Nitrobenzene-d5	8.81	82	451488	82.62	ng	0.00
41) 2,4,6-Tribromophenol	15.79	330	183334	137.30	ng	0.00
44) 2-Fluorobiphenyl	12.91	172	1025604	88.44	ng	0.00
78) Terphenyl-d14	19.66	244	1067452	75.82	ng	0.00
Target Compounds						
31) Naphthalene	10.49	128	420646	25.50	ng	99
37) 2-Methylnaphthalene	12.10	142	464722	39.16	ng	99

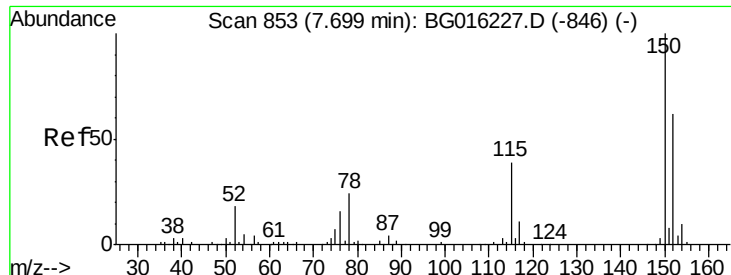
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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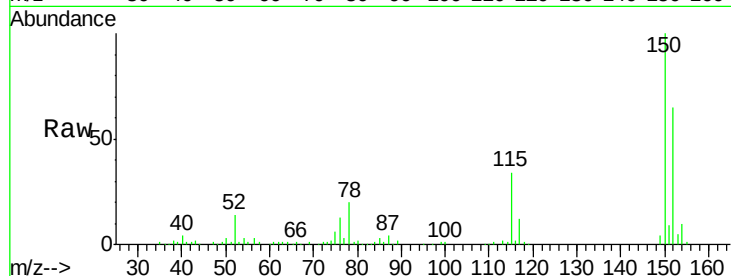


#1

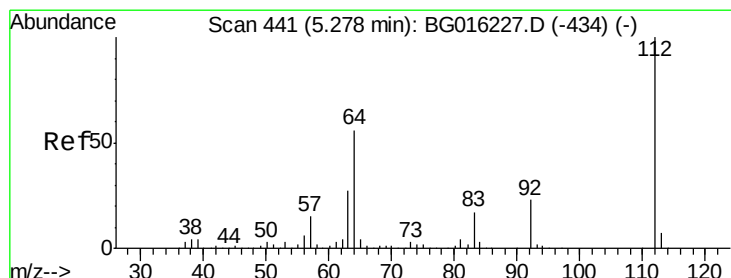
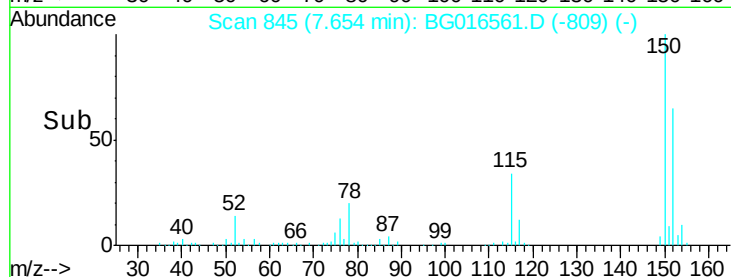
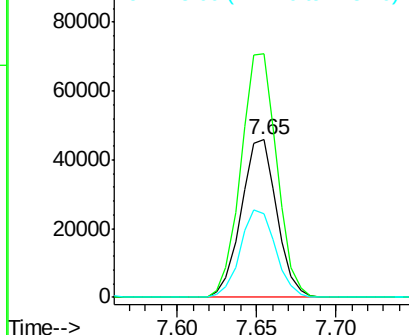
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.65 min Scan# 845
Delta R.T. 0.01 min
Lab File: BG016561.D
Acq: 20 Apr 2015 21:01

Instrument :
BNA_G
ClientSampleId :
MW-40

Tot Ion:152 Resp: 71027
Ion Ratio Lower Upper
152 100
150 154.7 130.1 195.1
115 53.1 50.5 75.7



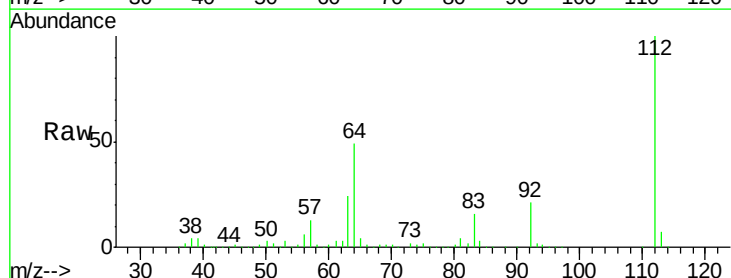
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



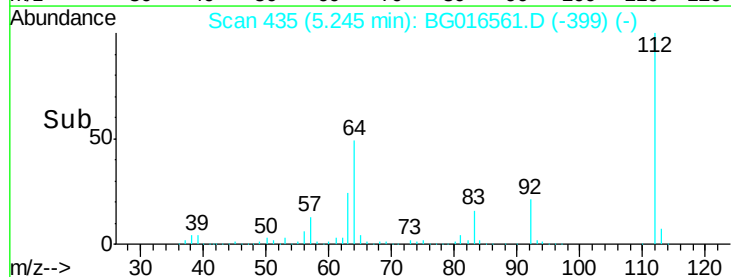
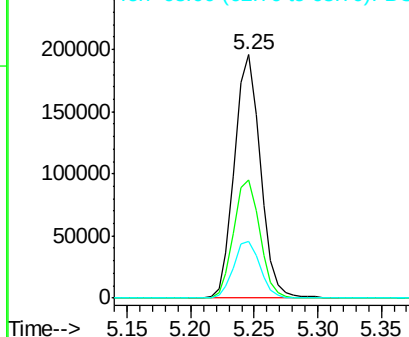
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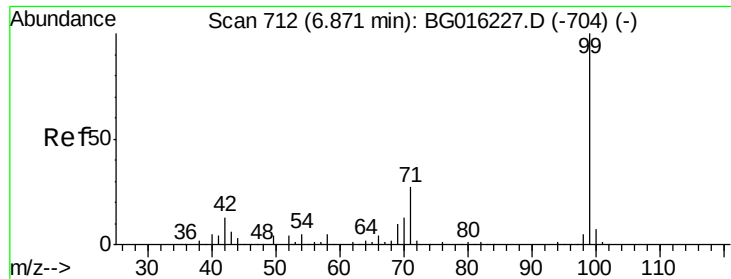
2-Fluorophenol
Concen: 61.65 ng
RT: 5.25 min Scan# 435
Delta R.T. 0.01 min
Lab File: BG016561.D
Acq: 20 Apr 2015 21:01

Tgt Ion:112 Resp: 277467
Ion Ratio Lower Upper
112 100
64 48.7 44.5 66.7
63 23.5 21.4 32.0



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: 36.63 ng

RT: 6.84 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG016561.D

Acq: 20 Apr 2015 21:01

Instrument :

BNA_G

ClientSampleId :

MW-40

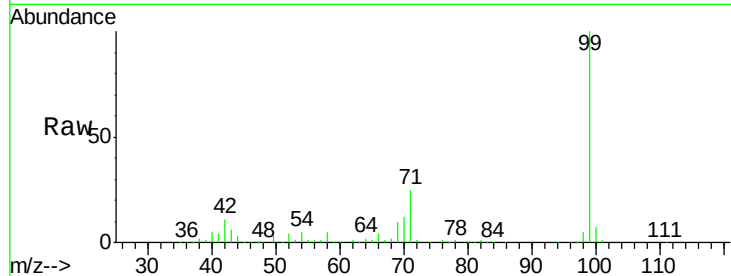
Tot Ion: 99 Resp: 247490

Ion Ratio Lower Upper

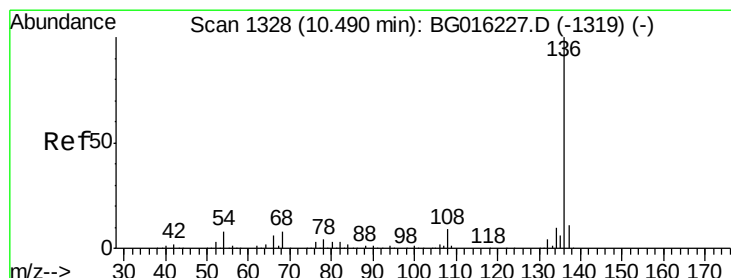
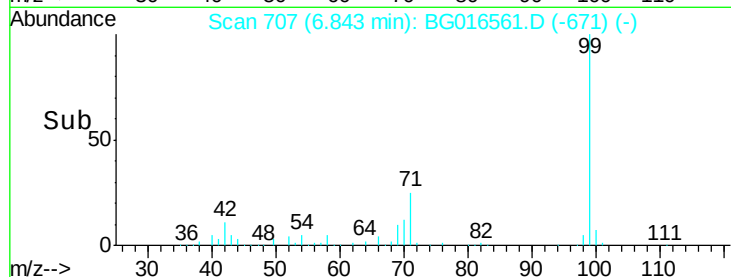
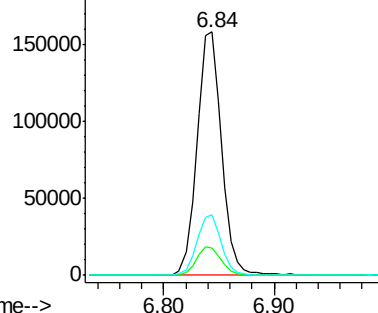
99 100

42 11.3 10.0 15.0

71 25.1 21.5 32.3



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: 10.43 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BG016561.D

Acq: 20 Apr 2015 21:01

Tgt Ion: 136 Resp: 316580

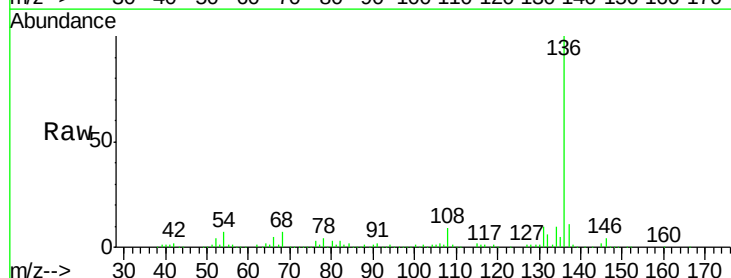
Ion Ratio Lower Upper

136 100

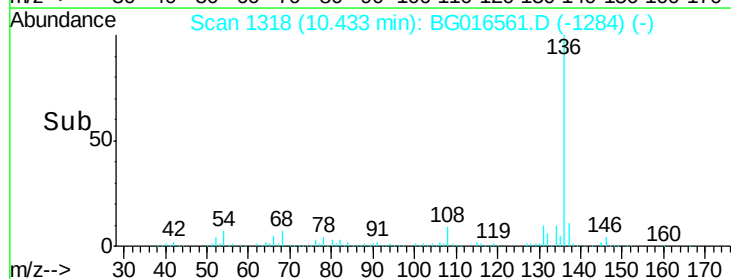
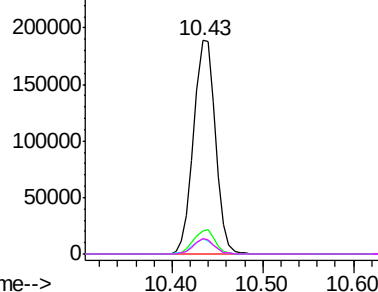
137 10.8 8.7 13.1

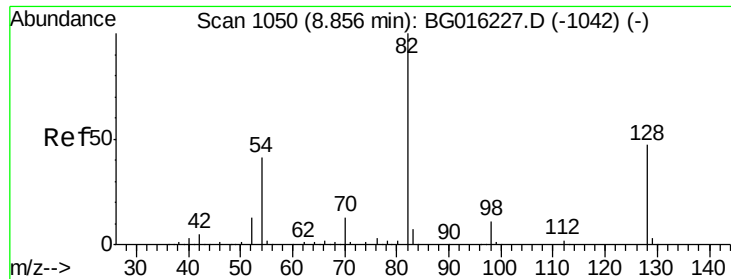
54 7.0 6.3 9.5

68 7.1 6.5 9.7



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

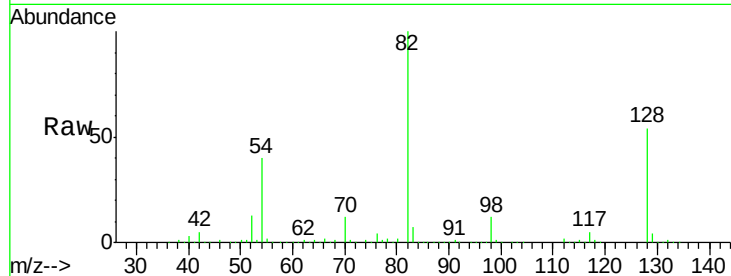




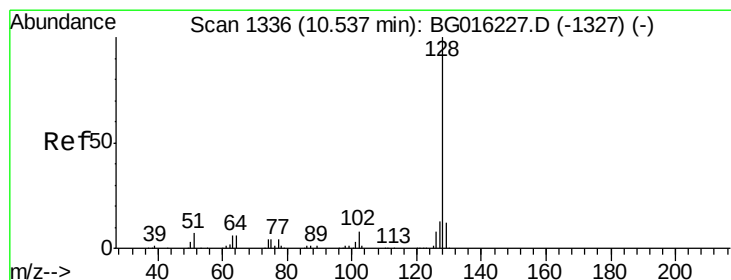
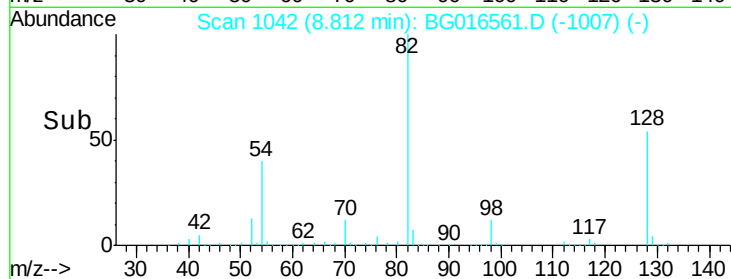
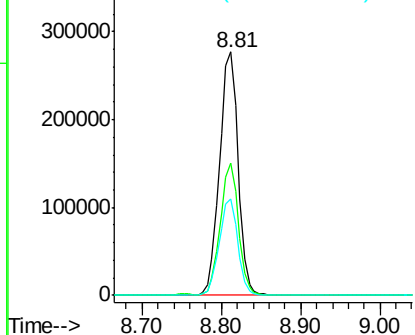
#23
 Nitrobenzene-d5
 Concen: 82.62 ng
 RT: 8.81 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: BG016561.D
 Acq: 20 Apr 2015 21:01

Instrument :
 BNA_G
 ClientSampleID :
 MW-40

Tot Ion: 82 Resp: 451488
 Ion Ratio Lower Upper
 82 100
 128 54.1 37.8 56.8
 54 39.5 32.6 49.0

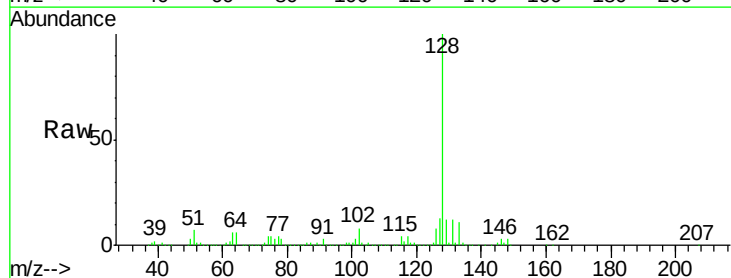


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

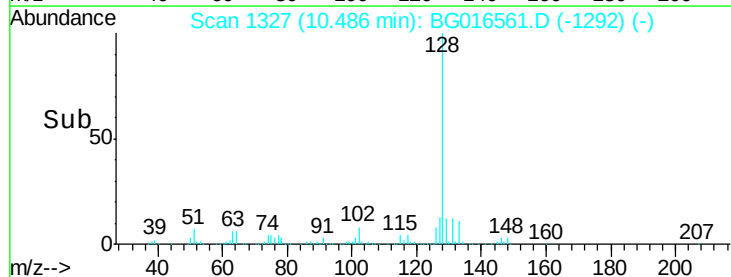
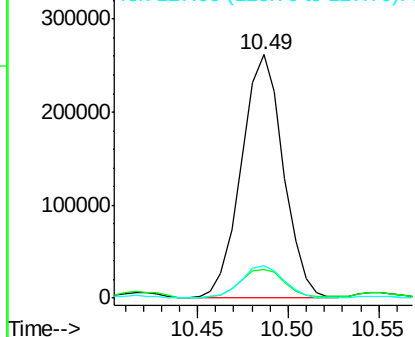


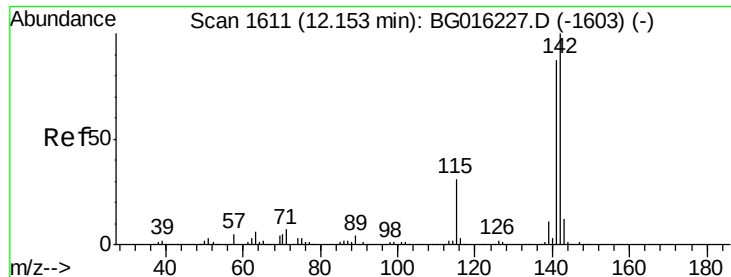
#31
 Naphthalene
 Concen: 25.50 ng
 RT: 10.49 min Scan# 1327
 Delta R.T. 0.00 min
 Lab File: BG016561.D
 Acq: 20 Apr 2015 21:01

Tgt Ion: 128 Resp: 420646
 Ion Ratio Lower Upper
 128 100
 129 12.0 9.2 13.8
 127 13.3 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): BGC
 Ion 129.00 (128.70 to 129.70): BGC
 Ion 127.00 (126.70 to 127.70): BGC

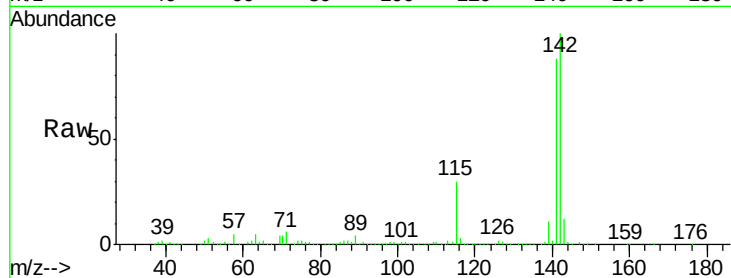




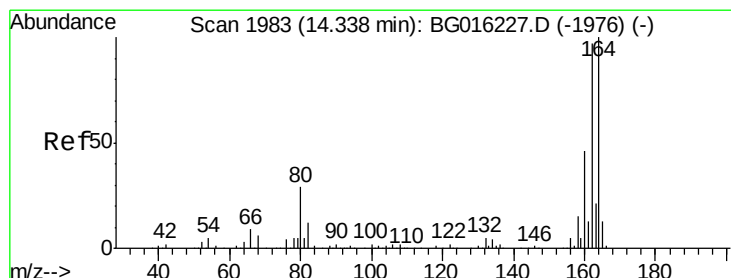
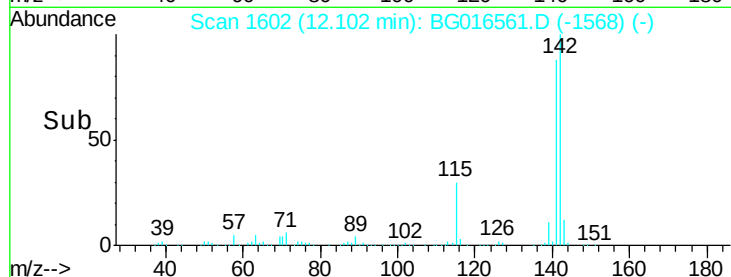
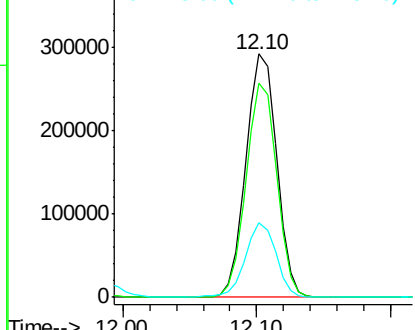
#37
2-Methylnaphthalene
Concen: 39.16 ng
RT: 12.10 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BG016561.D
Acq: 20 Apr 2015 21:01

Instrument :
BNA_G
ClientSampleId :
MW-40

Tot Ion:142 Resp: 464722
Ion Ratio Lower Upper
142 100
141 88.0 69.3 103.9
115 30.5 25.0 37.6

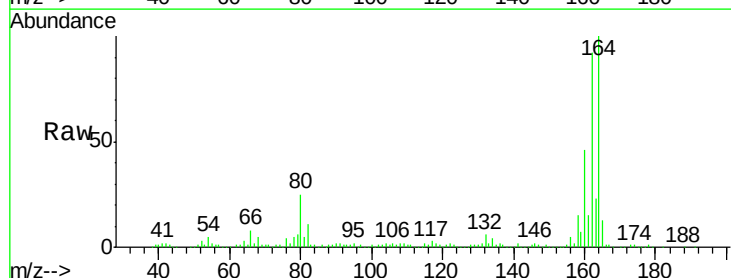


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

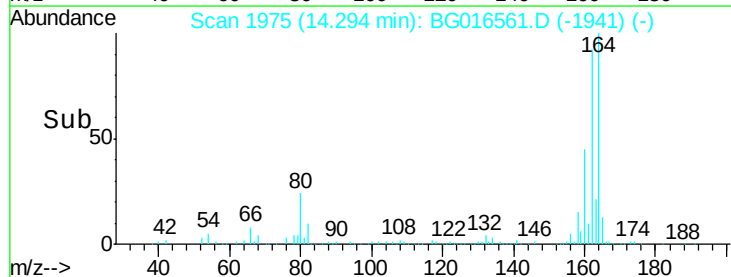
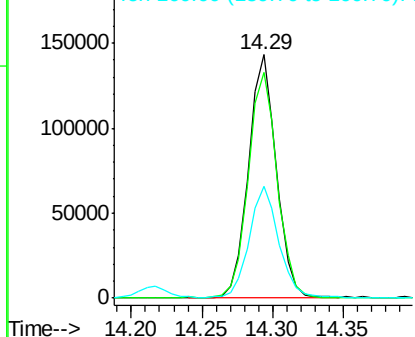


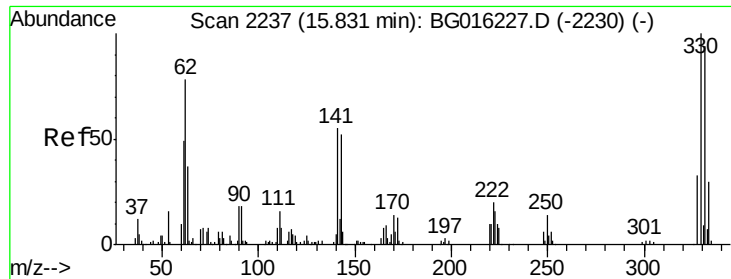
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.29 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BG016561.D
Acq: 20 Apr 2015 21:01

Tgt Ion:164 Resp: 197445
Ion Ratio Lower Upper
164 100
162 92.5 77.3 115.9
160 46.1 36.7 55.1



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

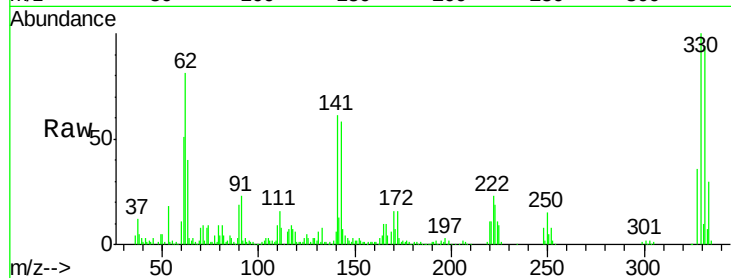




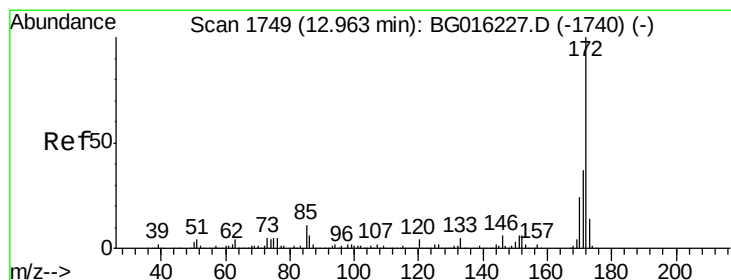
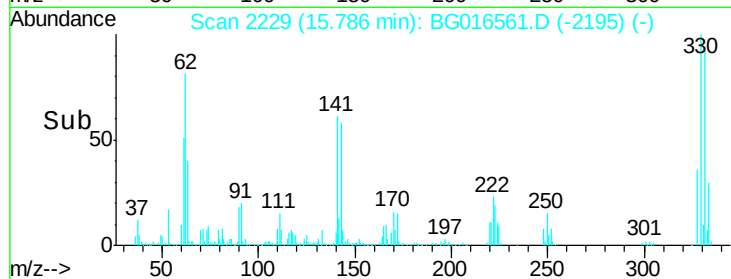
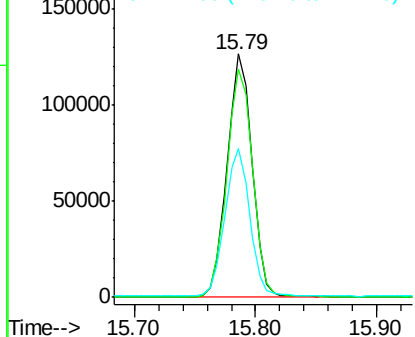
#41
 2,4,6-Tribromophenol
 Concen: 137.30 ng
 RT: 15.79 min Scan# 2229
 Delta R.T. -0.00 min
 Lab File: BG016561.D
 Acq: 20 Apr 2015 21:01

Instrument :
 BNA_G
 ClientSampleId :
 MW-40

Tot Ion:330 Resp: 183334
 Ion Ratio Lower Upper
 330 100
 332 97.1 75.8 113.6
 141 60.7 46.6 69.8

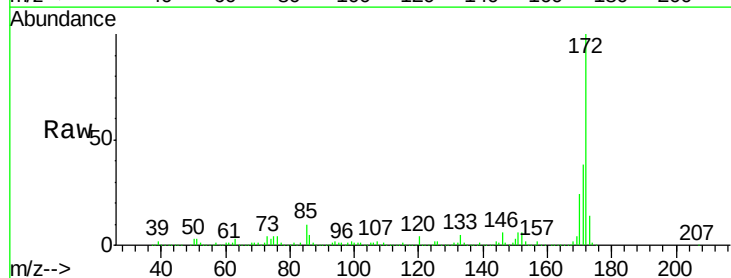


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

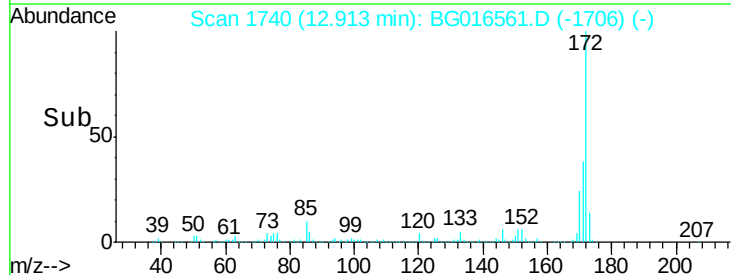
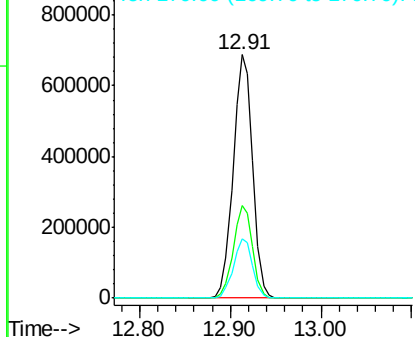


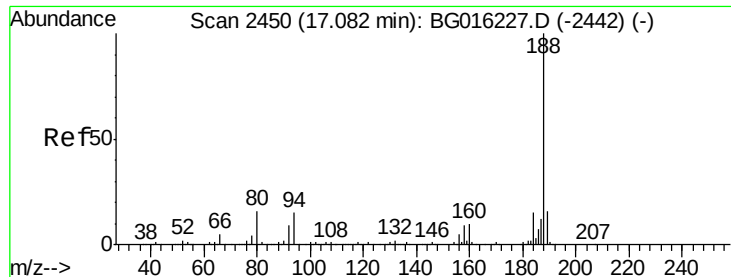
#44
 2-Fluorobiphenyl
 Concen: 88.44 ng
 RT: 12.91 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG016561.D
 Acq: 20 Apr 2015 21:01

Tgt Ion:172 Resp: 1025604
 Ion Ratio Lower Upper
 172 100
 171 38.1 29.6 44.4
 170 24.5 19.4 29.2



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

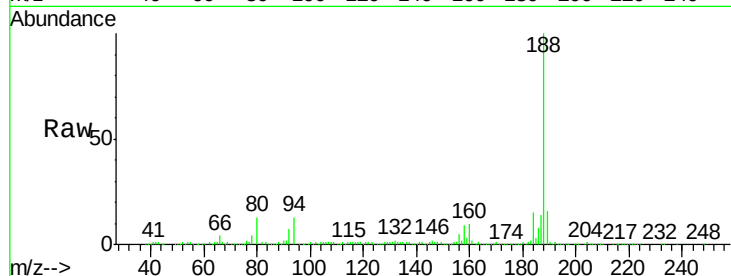




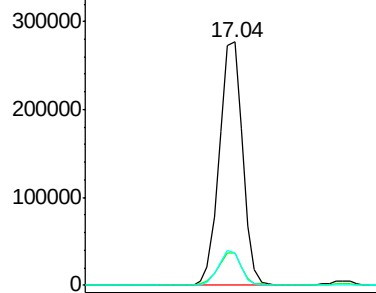
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.04 min Scan# 2442
Delta R.T. 0.00 min
Lab File: BG016561.D
Acq: 20 Apr 2015 21:01

Instrument :
BNA_G
ClientSampleId :
MW-40

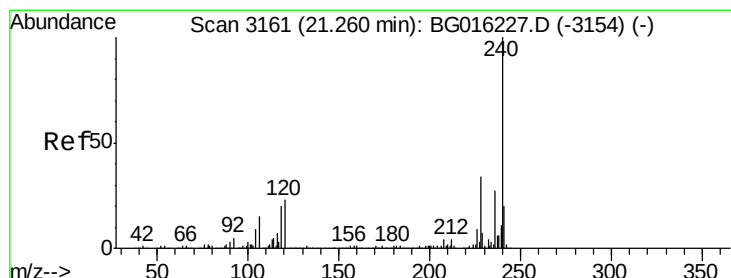
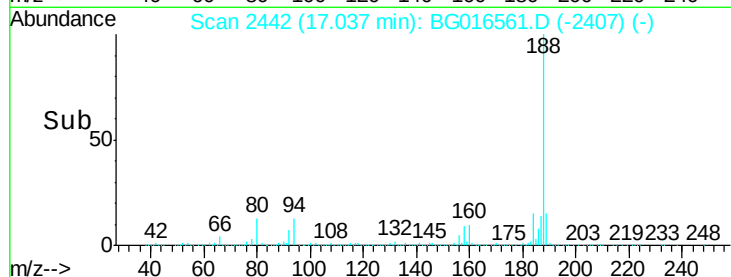
Tot Ion:188 Resp: 389080
Ion Ratio Lower Upper
188 100
94 13.2 12.2 18.4
80 13.1 12.8 19.2



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

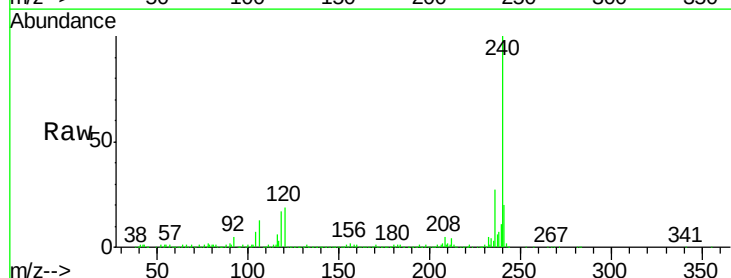


Time-->

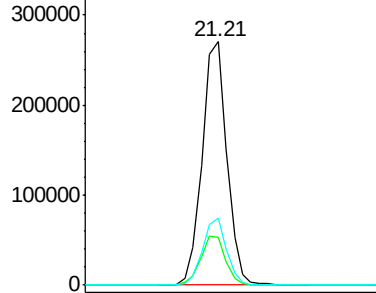


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.21 min Scan# 3153
Delta R.T. -0.00 min
Lab File: BG016561.D
Acq: 20 Apr 2015 21:01

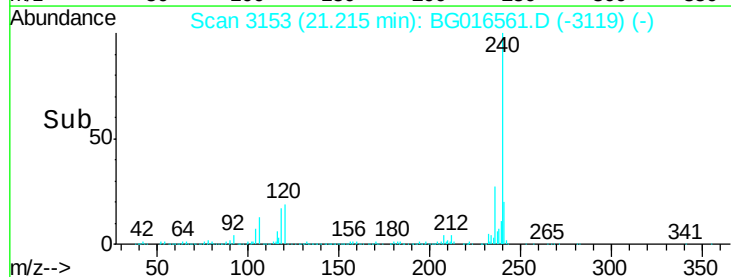
Tgt Ion:240 Resp: 329498
Ion Ratio Lower Upper
240 100
120 19.4 18.6 28.0
236 27.4 21.7 32.5

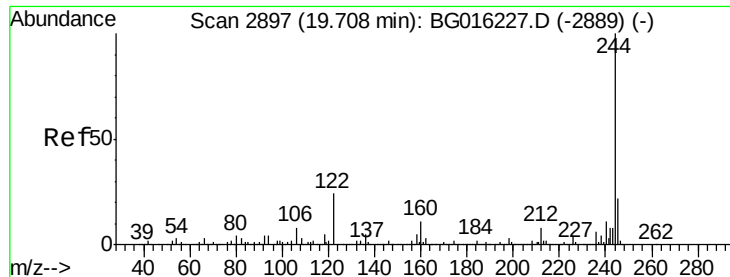


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->





#78

Terphenyl-d14

Concen: 75.82 ng

RT: 19.66 min Scan# 2889

Delta R.T. -0.00 min

Lab File: BG016561.D

Acq: 20 Apr 2015 21:01

Instrument :

BNA_G

ClientSampled :

MW-40

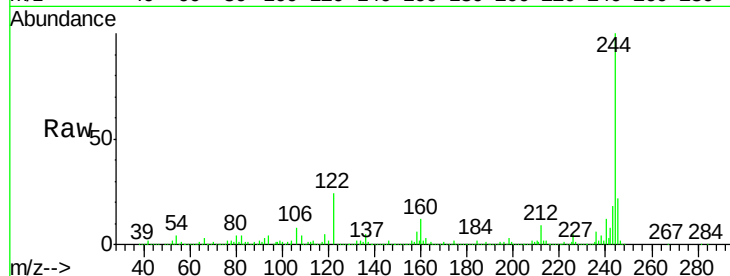
Tot Ion:244 Resp: 1067452

Ion Ratio Lower Upper

244 100

212 9.0 6.6 9.8

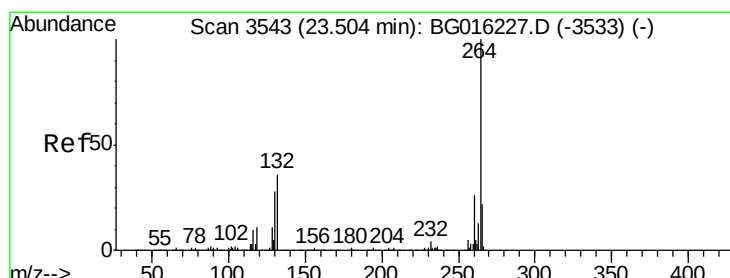
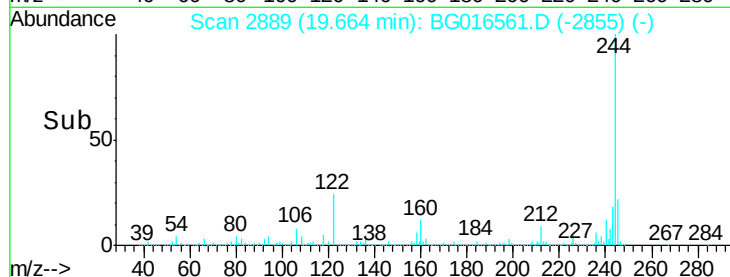
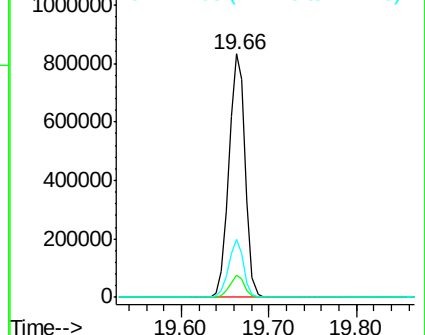
122 23.8 19.1 28.7



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: 23.43 min Scan# 3530

Delta R.T. -0.01 min

Lab File: BG016561.D

Acq: 20 Apr 2015 21:01

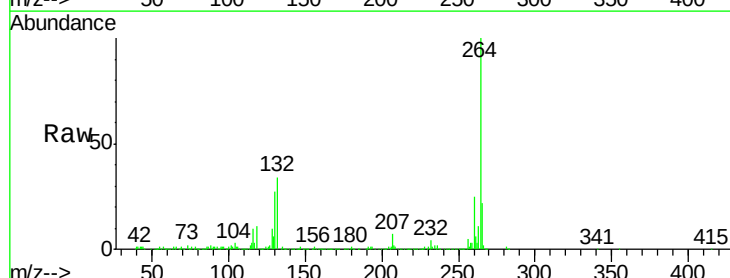
Tgt Ion:264 Resp: 308658

Ion Ratio Lower Upper

264 100

260 24.9 20.4 30.6

265 21.7 17.2 25.8



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

