

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100419\
 Data File : BG043043.D
 Acq On : 5 Oct 2019 00:39
 Operator : JU
 Sample : K5154-16
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-105I

Quant Time: Oct 05 06:29:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

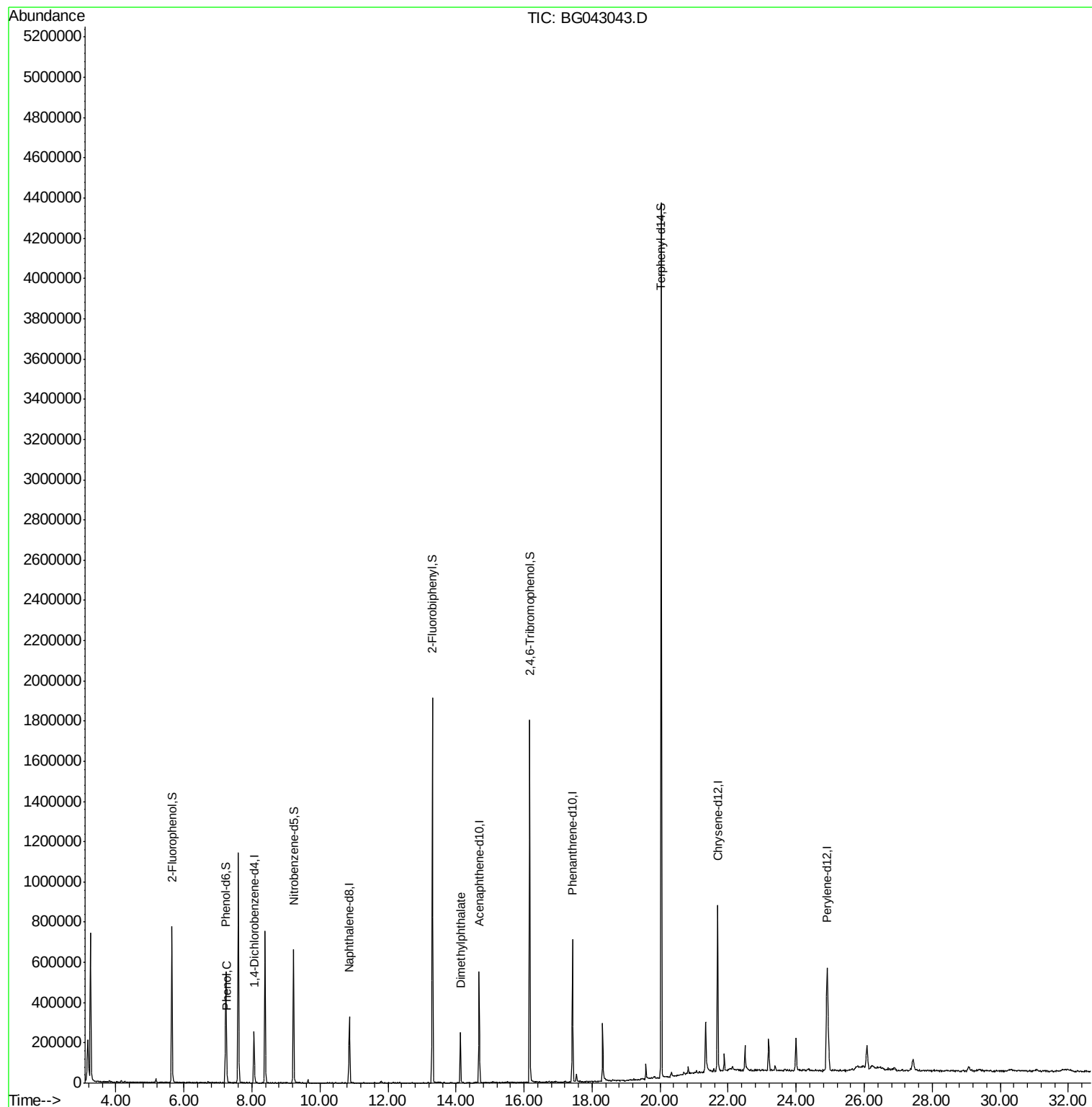
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	77238	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	285549	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	200429	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	477439	20.00	ng	-0.02
76) Chrysene-d12	21.69	240	522583	20.00	ng	-0.02
87) Perylene-d12	24.91	264	600303	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	332295	76.78	ng	-0.01
7) Phenol-d6	7.23	99	319220	51.22	ng	-0.01
23) Nitrobenzene-d5	9.22	82	419162	71.35	ng	-0.01
42) 2,4,6-Tribromophenol	16.17	330	402414	116.76	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	992890	71.82	ng	-0.02
79) Terphenyl-d14	20.04	244	2024422	82.55	ng	-0.01
Target Compounds						
10) Phenol	7.26	94	35050	6.130	ng	96
50) Dimethylphthalate	14.13	163	162619	10.829	ng	98

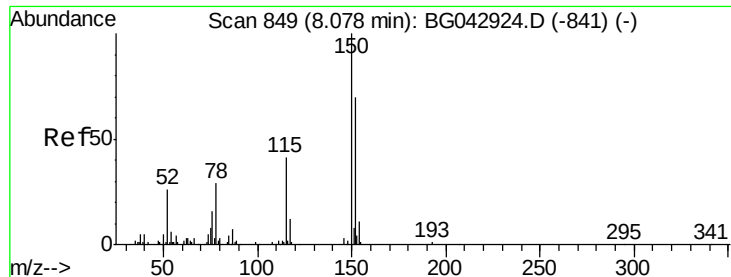
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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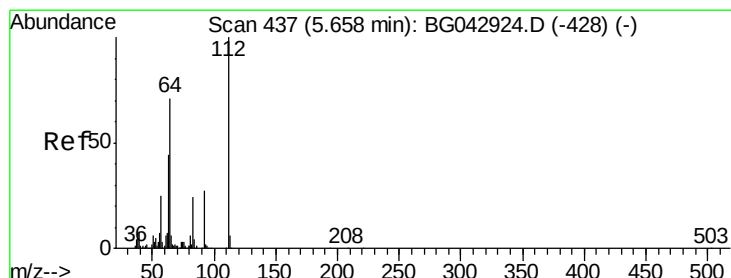
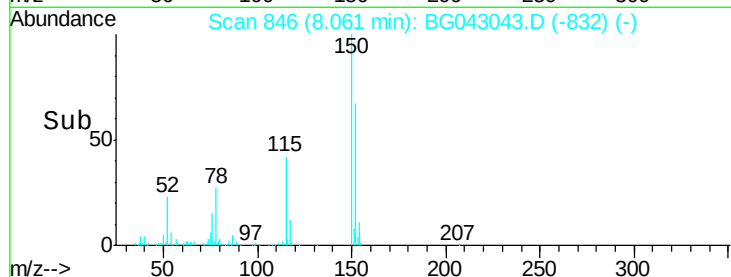
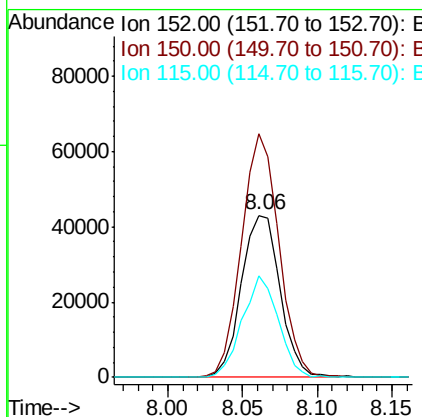
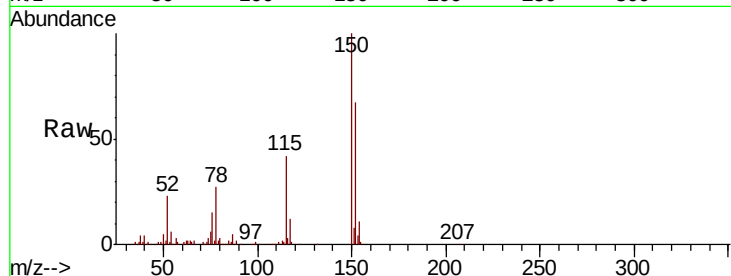


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.02 min
Lab File: BG043043.D
Acq: 5 Oct 2019 00:39

Instrument :
BNA_G
ClientSampleId :
MW-105I

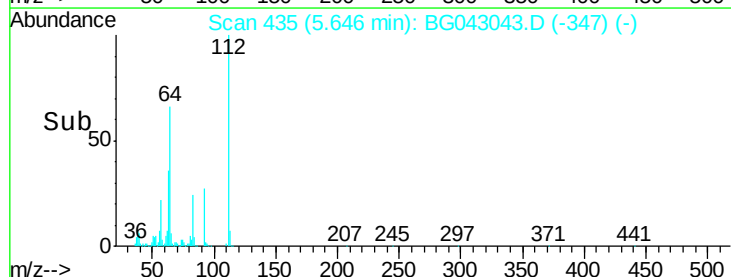
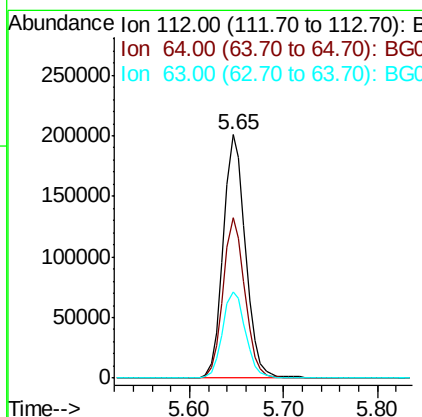
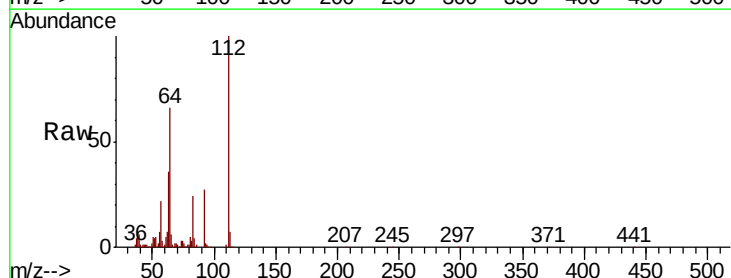
Tot Ion:152 Resp: 77238
Ion Ratio Lower Upper
152 100
150 150.1 115.0 172.4
115 62.8 47.0 70.6

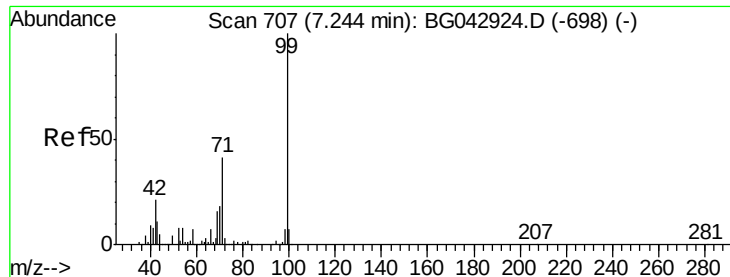


#5

2-Fluorophenol
Concen: 76.778 ng
RT: 5.65 min Scan# 435
Delta R.T. -0.01 min
Lab File: BG043043.D
Acq: 5 Oct 2019 00:39

Tgt Ion:112 Resp: 332295
Ion Ratio Lower Upper
112 100
64 65.8 56.6 84.8
63 35.5 35.1 52.7





#7

Phenol-d6

Concen: 51.218 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.01 min

Lab File: BG043043.D

Acq: 5 Oct 2019 00:39

Instrument :

BNA_G

ClientSampleId :

MW-105I

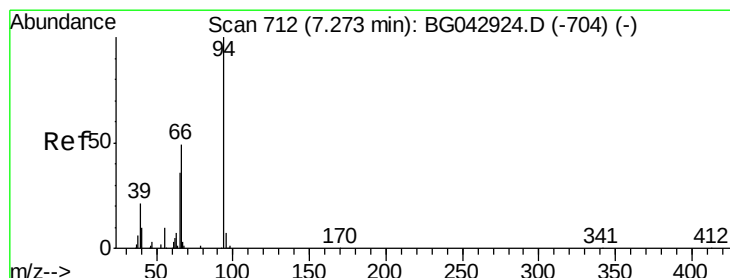
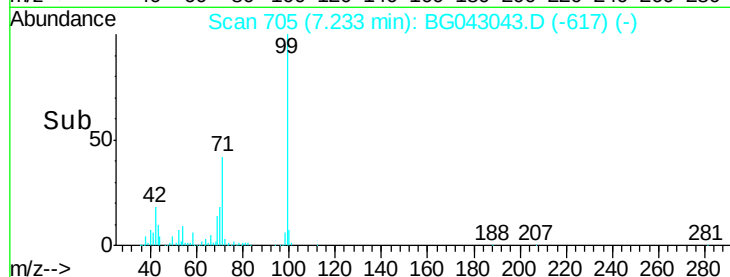
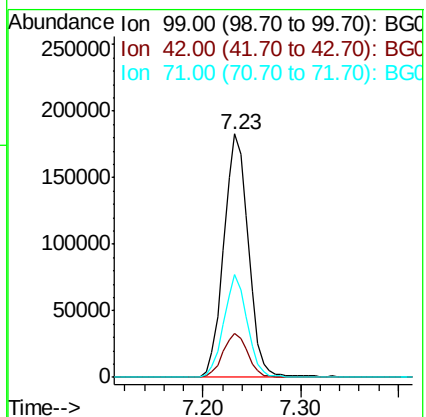
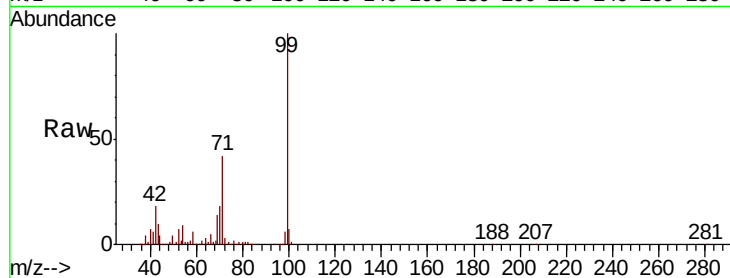
Tot Ion: 99 Resp: 319220

Ion Ratio Lower Upper

99 100

42 18.1 17.2 25.8

71 42.5 33.1 49.7



#10

Phenol

Concen: 6.130 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG043043.D

Acq: 5 Oct 2019 00:39

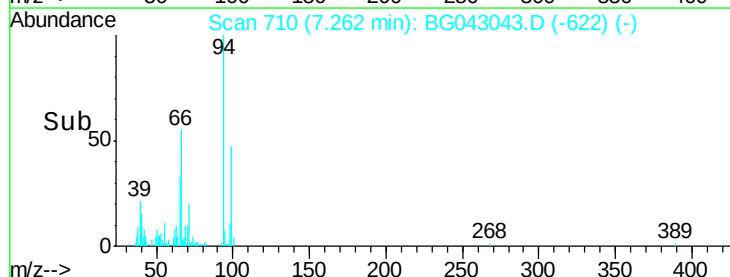
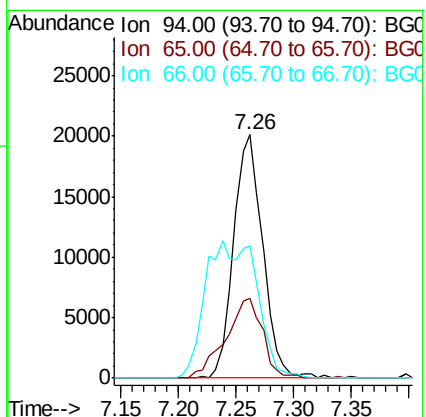
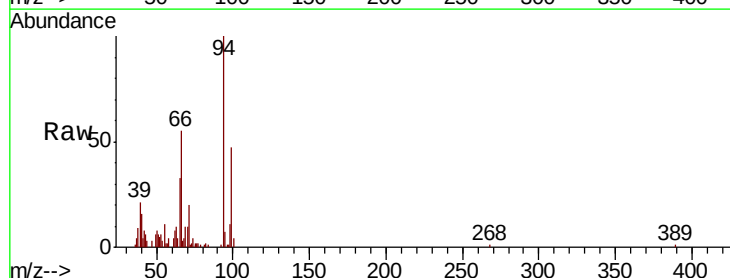
Tgt Ion: 94 Resp: 35050

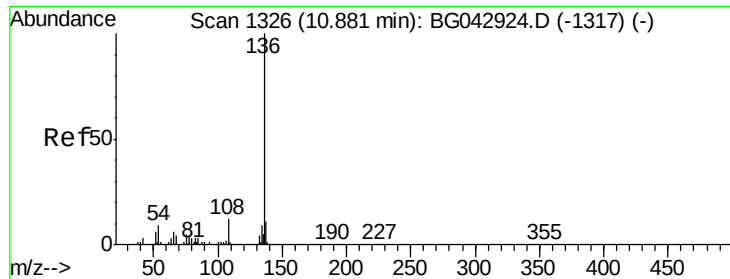
Ion Ratio Lower Upper

94 100

65 32.8 16.6 56.6

66 54.6 32.4 72.4

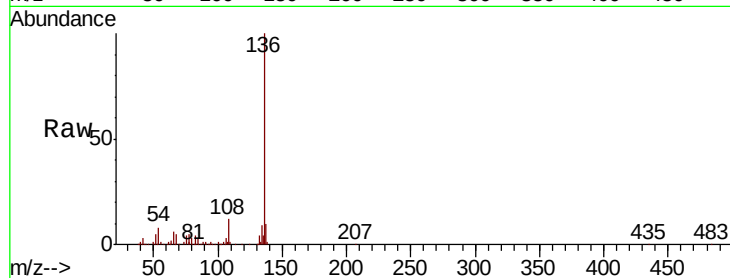




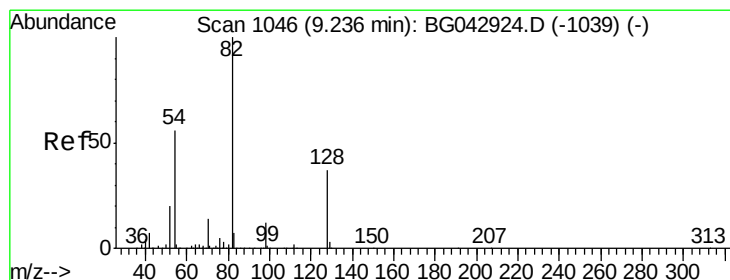
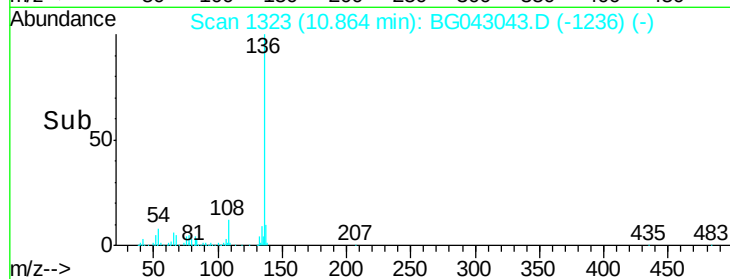
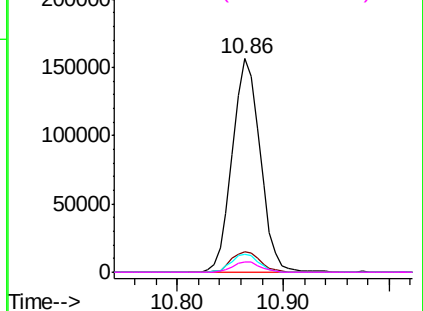
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG043043.D
Acq: 5 Oct 2019 00:39

Instrument :
BNA_G
ClientSampleId :
MW-105I

Tot Ion:136	Resp:	285549
Ion Ratio	Lower	Upper
136 100		
137 9.7	8.5	12.7
54 8.2	7.4	11.2
68 5.0	3.6	5.4

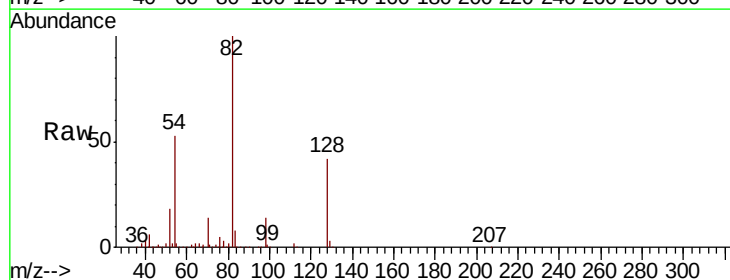


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

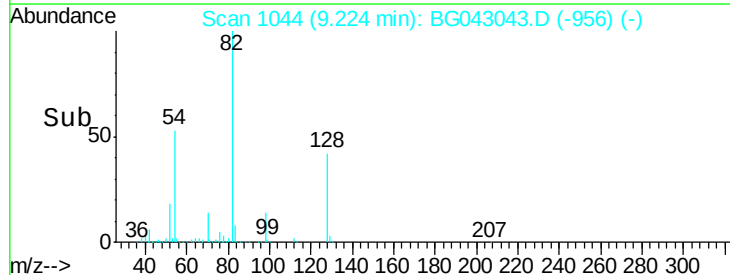
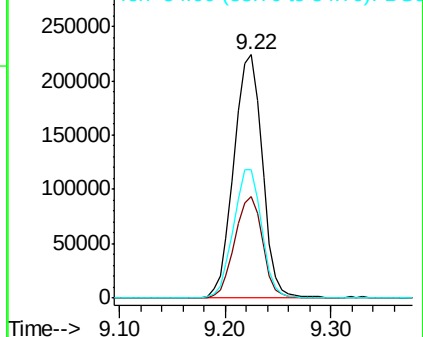


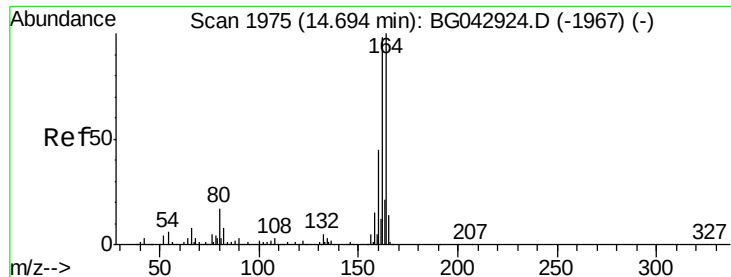
#23
Nitrobenzene-d5
Concen: 71.348 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BG043043.D
Acq: 5 Oct 2019 00:39

Tgt	Ion: 82	Resp:	419162
Ion	Ratio	Lower	Upper
82	100		
128	41.6	29.5	44.3
54	52.7	44.6	67.0



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.01 min

Lab File: BG043043.D

Acq: 5 Oct 2019 00:39

Instrument :

BNA_G

ClientSampleId :

MW-105I

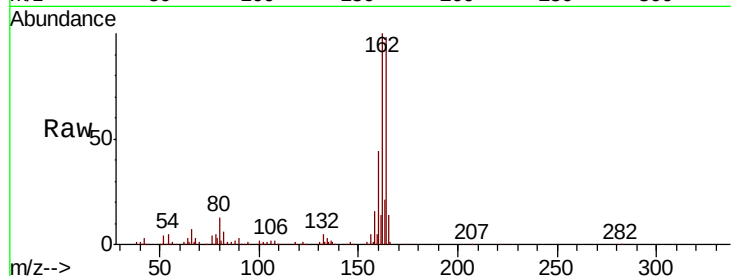
Tot Ion:164 Resp: 200429

Ion Ratio Lower Upper

164 100

162 102.0 78.5 117.7

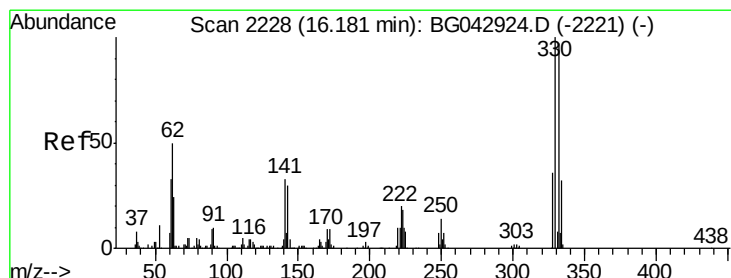
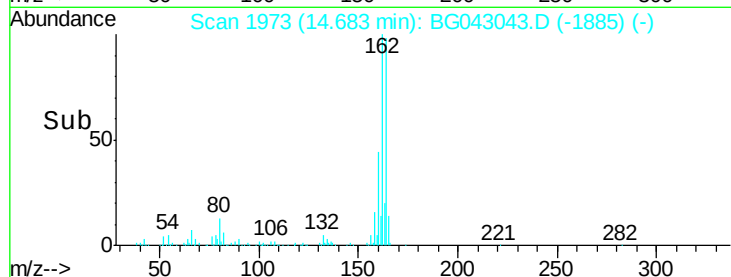
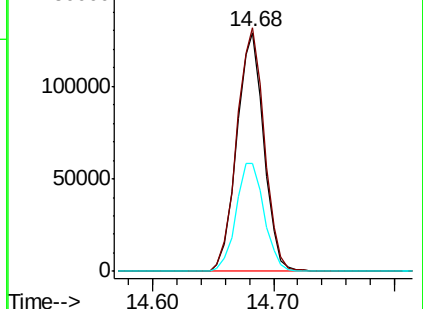
160 45.0 35.9 53.9



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



#42

2,4,6-Tribromophenol

Concen: 116.760 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.01 min

Lab File: BG043043.D

Acq: 5 Oct 2019 00:39

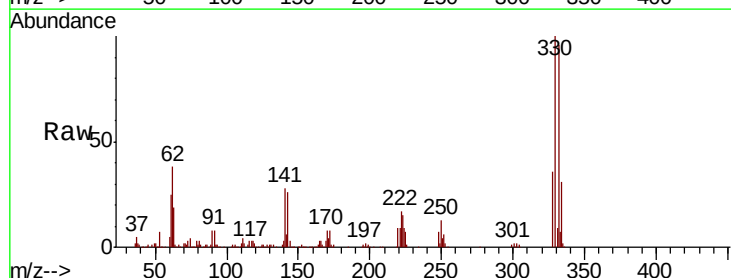
Tgt Ion:330 Resp: 402414

Ion Ratio Lower Upper

330 100

332 95.9 78.2 117.2

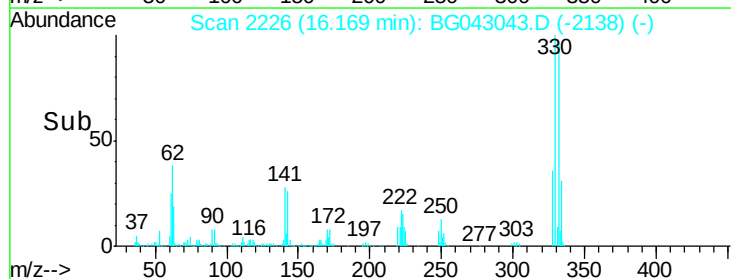
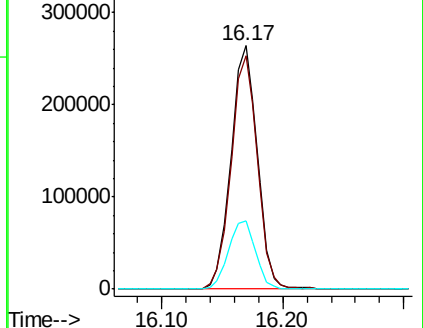
141 28.9 26.0 39.0

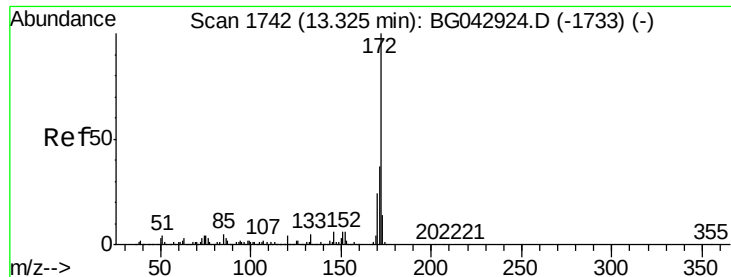


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

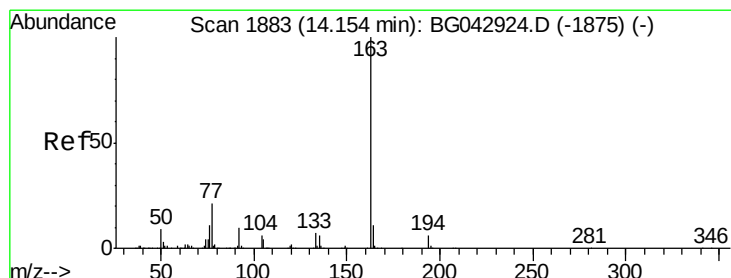
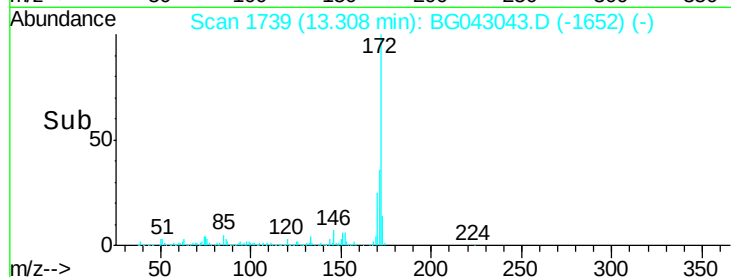
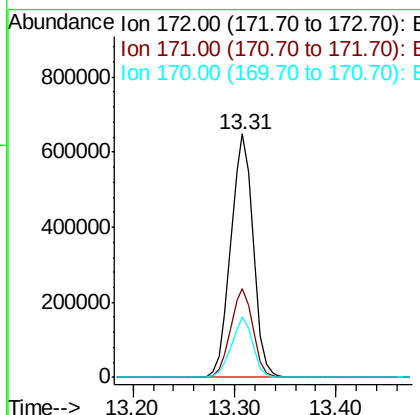
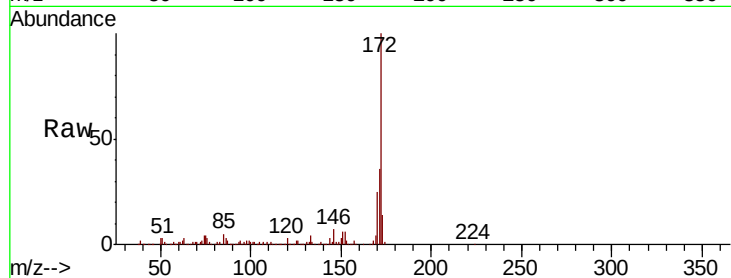




#45
2-Fluorobiphenyl
Concen: 71.815 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.02 min
Lab File: BG043043.D
Acq: 5 Oct 2019 00:39

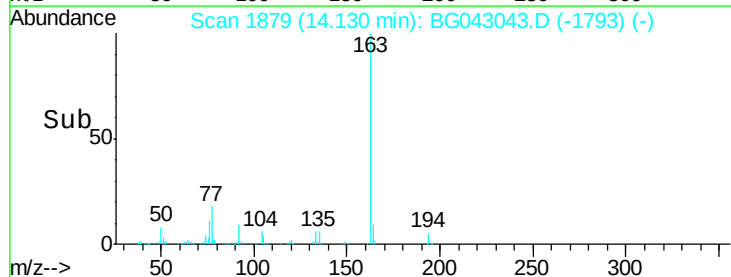
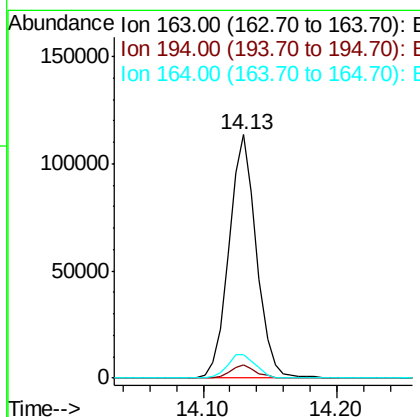
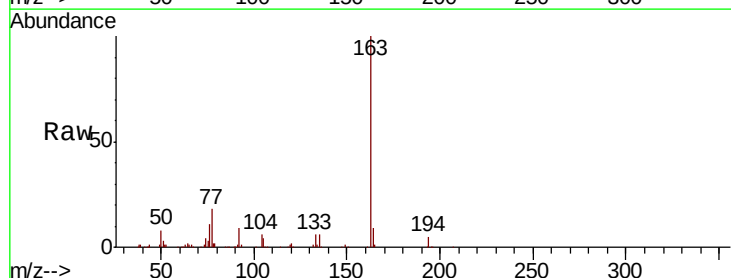
Instrument :
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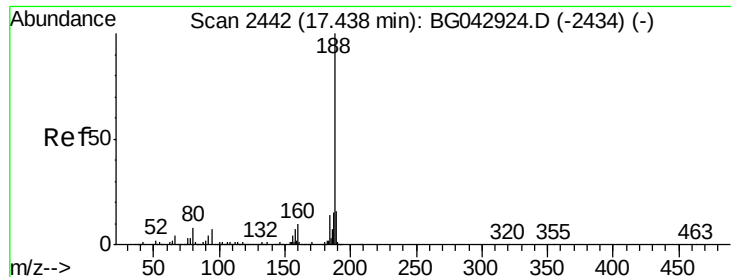
Tot Ion:172 Resp: 992890
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 24.7 19.6 29.4



#50
Dimethylphthalate
Concen: 10.829 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.02 min
Lab File: BG043043.D
Acq: 5 Oct 2019 00:39

Tgt Ion:163 Resp: 162619
Ion Ratio Lower Upper
163 100
194 5.3 4.4 6.6
164 9.5 8.6 12.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.02 min

Lab File: BG043043.D

Acq: 5 Oct 2019 00:39

Instrument :

BNA_G

ClientSampleId :

MW-105I

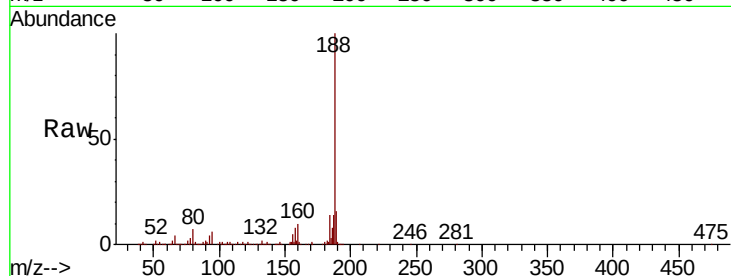
Tot Ion:188 Resp: 477439

Ion Ratio Lower Upper

188 100

94 6.1 5.7 8.5

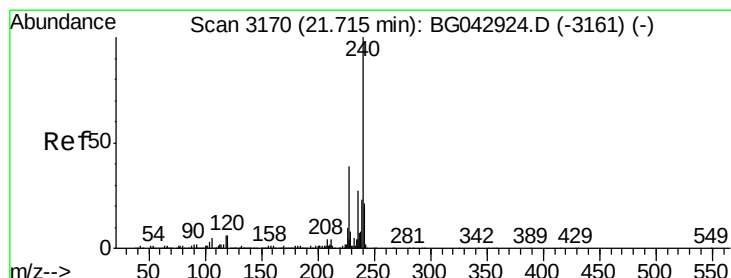
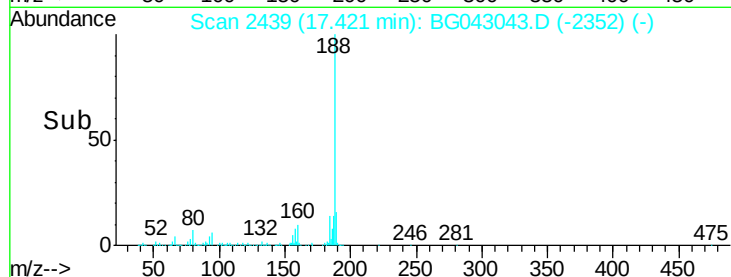
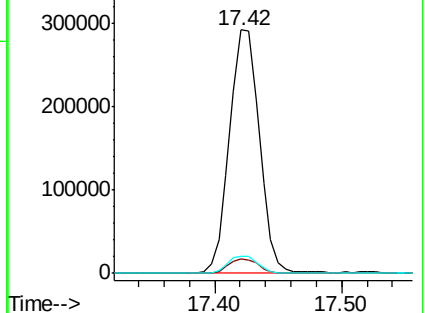
80 7.2 6.5 9.7



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.02 min

Lab File: BG043043.D

Acq: 5 Oct 2019 00:39

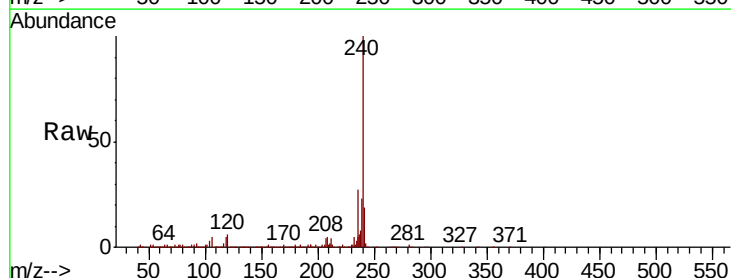
Tgt Ion:240 Resp: 522583

Ion Ratio Lower Upper

240 100

120 6.0 4.8 7.2

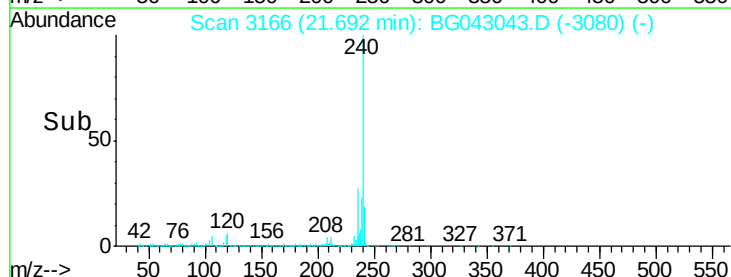
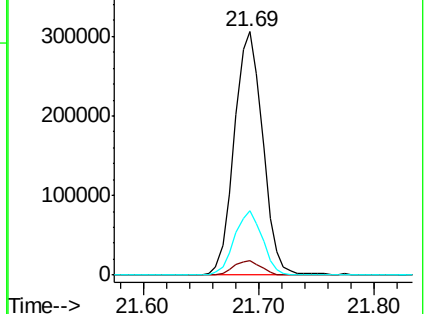
236 26.5 21.4 32.0

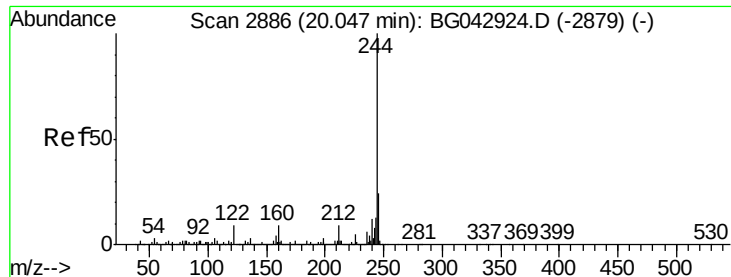


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 82.548 ng

RT: 20.04 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG043043.D

Acq: 5 Oct 2019 00:39

Instrument :

BNA_G

ClientSampleId :

MW-105I

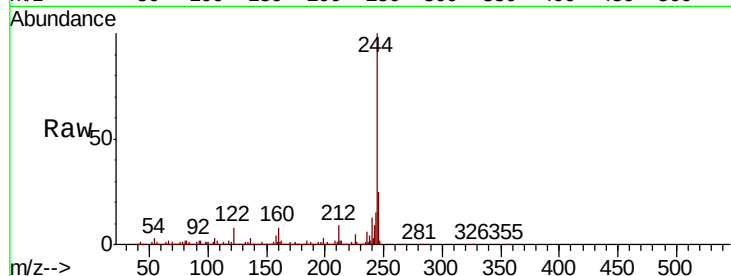
Tot Ion:244 Resp: 2024422

Ion Ratio Lower Upper

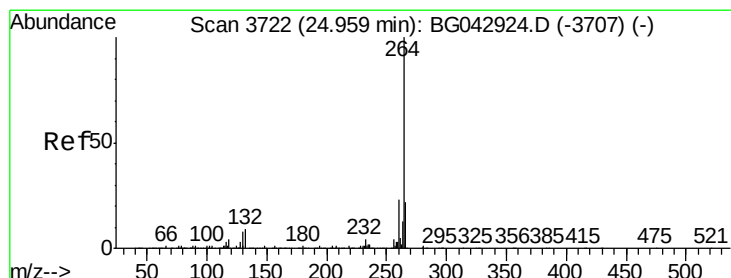
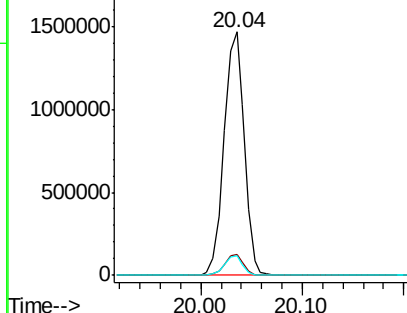
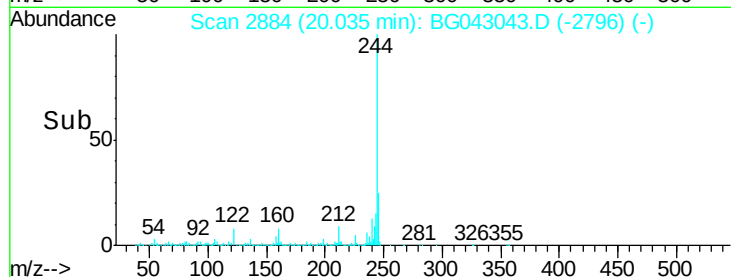
244 100

212 8.8 7.4 11.0

122 8.1 7.0 10.4



Abundance Ion 244.00 (243.70 to 244.70): E
2000000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.91 min Scan# 3713

Delta R.T. -0.05 min

Lab File: BG043043.D

Acq: 5 Oct 2019 00:39

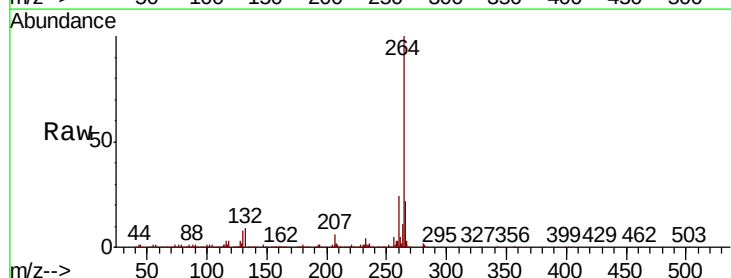
Tgt Ion:264 Resp: 600303

Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 21.6 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E
250000
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

