

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041719\
 Data File : BG040535.D
 Acq On : 17 Apr 2019 18:28
 Operator : JU/SJ
 Sample : K2422-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 18 01:23:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 13 00:33:11 2019
 Response via : Initial Calibration

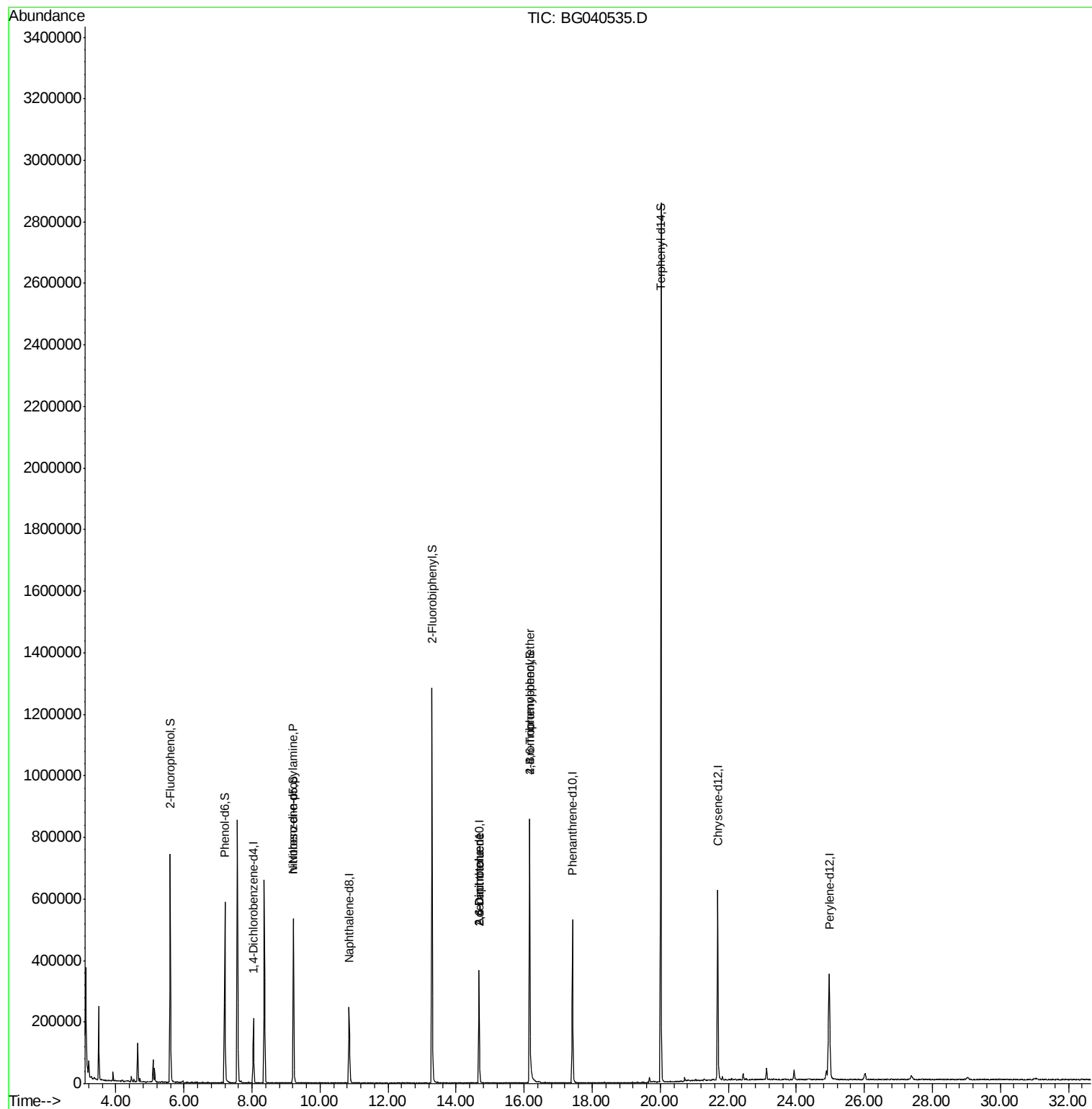
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	56686	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	221457	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	132672	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	354921	20.00	ng	0.00
76) Chrysene-d12	21.69	240	370264	20.00	ng	0.00
87) Perylene-d12	24.97	264	397849	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	316571	92.84	ng	0.00
7) Phenol-d6	7.20	99	363085	77.05	ng	0.00
23) Nitrobenzene-d5	9.22	82	325537	78.13	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	164555	114.77	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	694283	77.54	ng	0.00
79) Terphenyl-d14	20.02	244	1302543	79.14	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	41044	12.148	ng	# 76
51) 2,6-Dinitrotoluene	14.67	165	17050	7.313	ng	# 25
57) 2,4-Dinitrotoluene	14.67	165	17050	5.263	ng	# 25
67) 4-Bromophenyl-phenylether	16.17	248	12533	3.138	ng	# 1

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

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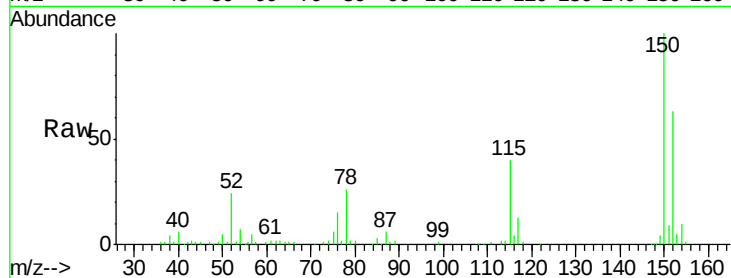


#1

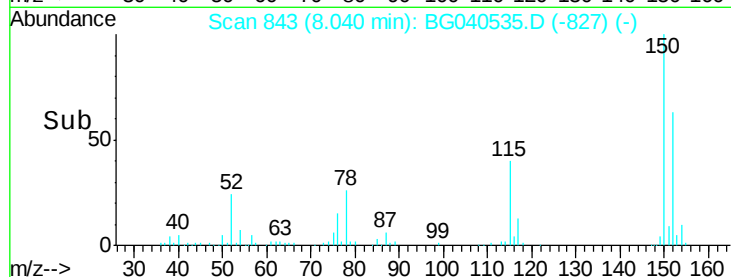
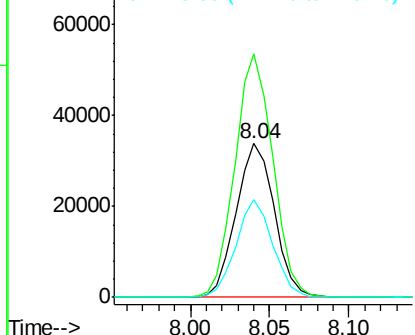
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG040535.D
Acq: 17 Apr 2019 18:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 56686
Ion Ratio Lower Upper
152 100
150 158.6 123.7 185.5
115 64.1 46.9 70.3



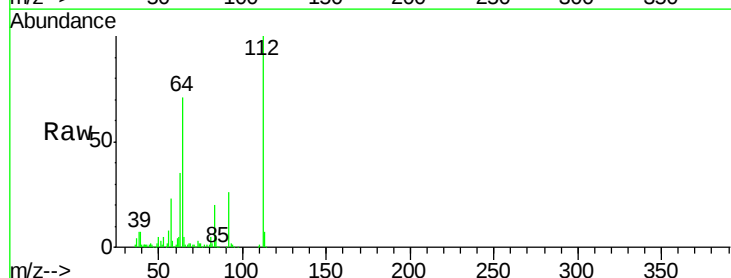
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



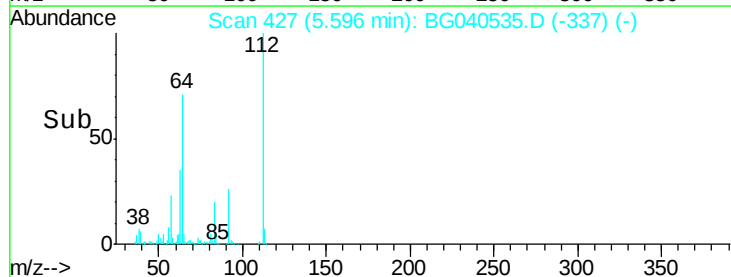
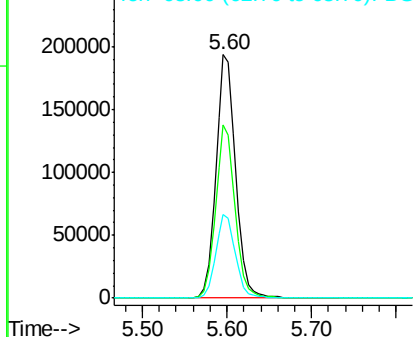
#5

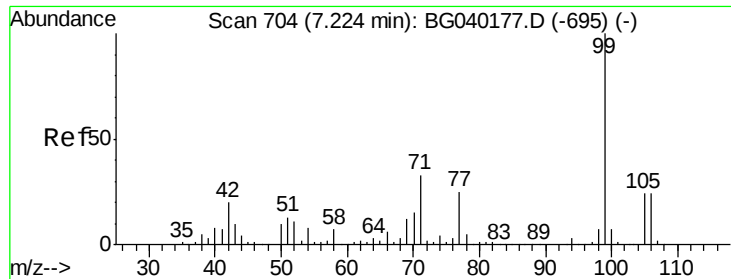
2-Fluorophenol
Concen: 92.840 ng
RT: 5.60 min Scan# 427
Delta R.T. -0.00 min
Lab File: BG040535.D
Acq: 17 Apr 2019 18:28

Tgt Ion:112 Resp: 316571
Ion Ratio Lower Upper
112 100
64 71.4 54.2 81.2
63 34.6 26.4 39.6



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: 77.047 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG040535.D

Acq: 17 Apr 2019 18:28

Instrument :

BNA_G

ClientSampled :

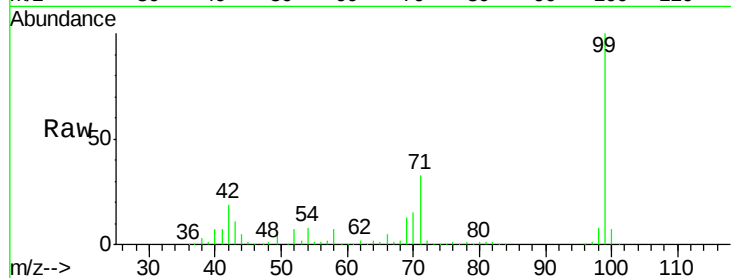
Tot Ion: 99 Resp: 363085

Ion Ratio Lower Upper

99 100

42 19.4 16.2 24.2

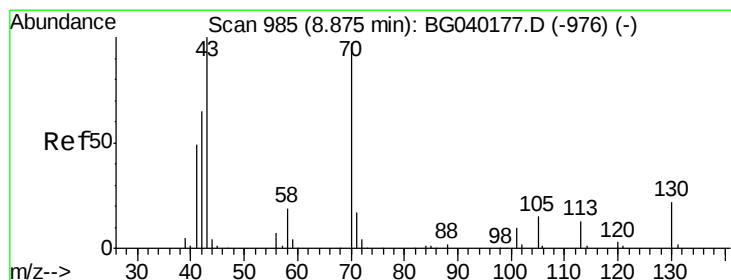
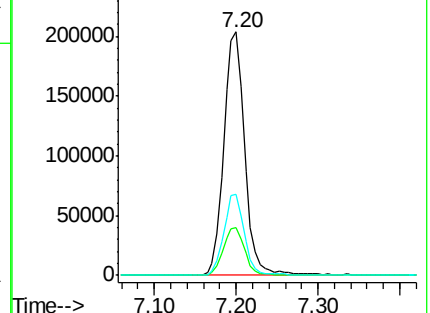
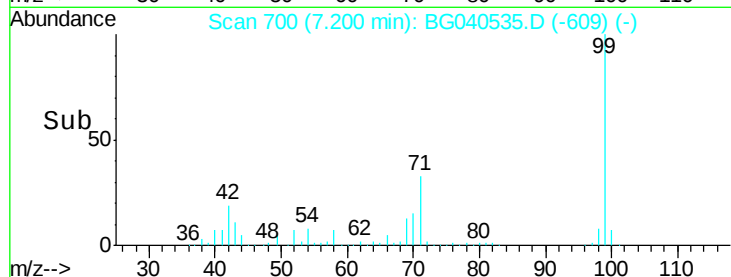
71 33.1 26.8 40.2



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.148 ng

RT: 9.22 min Scan# 1043

Delta R.T. 0.37 min

Lab File: BG040535.D

Acq: 17 Apr 2019 18:28

Tgt Ion: 70 Resp: 41044

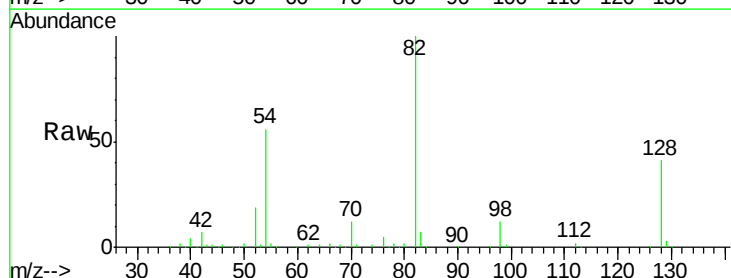
Ion Ratio Lower Upper

70 100

42 54.0 54.0 81.0

101 0.0 8.6 13.0#

130 1.3 18.2 27.2#

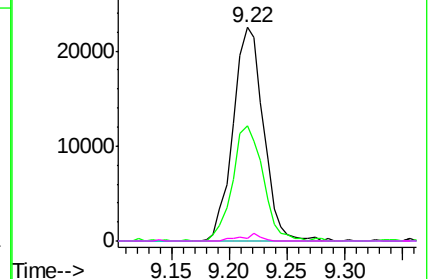
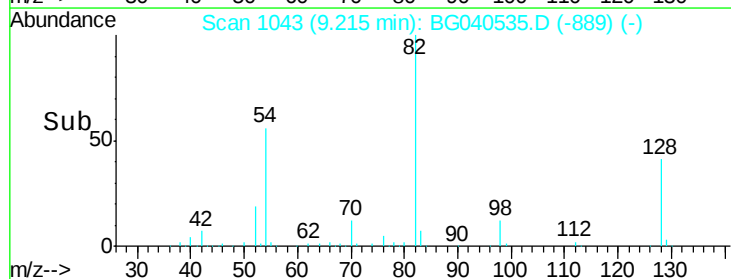


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

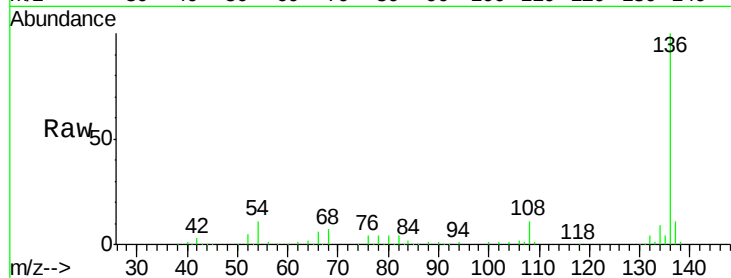




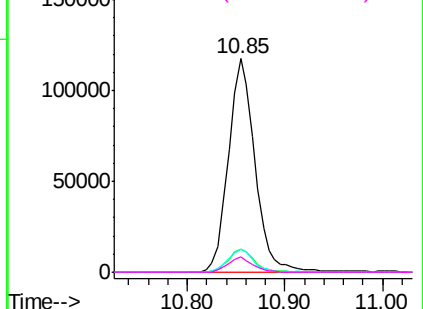
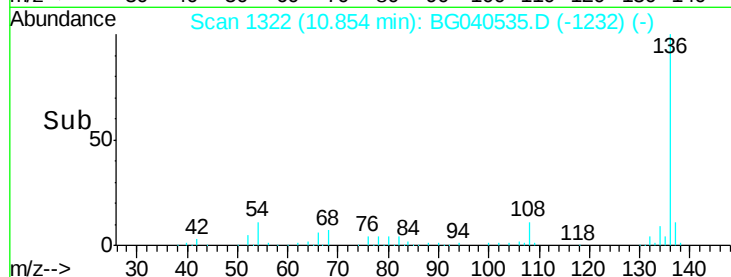
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG040535.D
Acq: 17 Apr 2019 18:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	221457
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.9 13.3
54	10.8	9.6 14.4
68	7.4	5.1 7.7

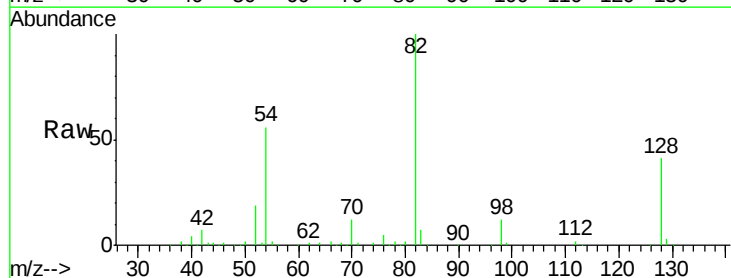


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

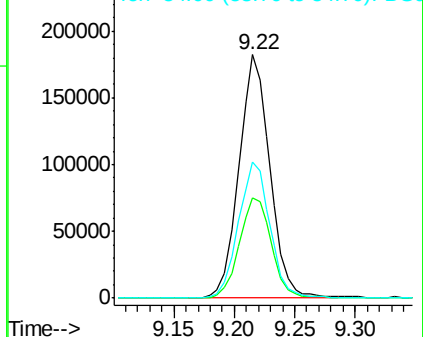
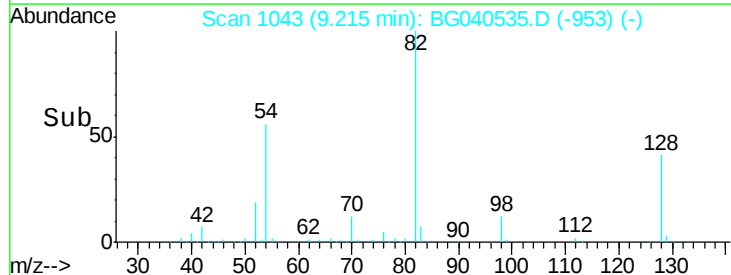


#23
Nitrobenzene-d5
Concen: 78.134 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BG040535.D
Acq: 17 Apr 2019 18:28

Tgt Ion: 82	Resp:	325537
Ion	Ratio	Lower Upper
82	100	
128	41.4	35.8 53.8
54	56.1	46.2 69.2



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

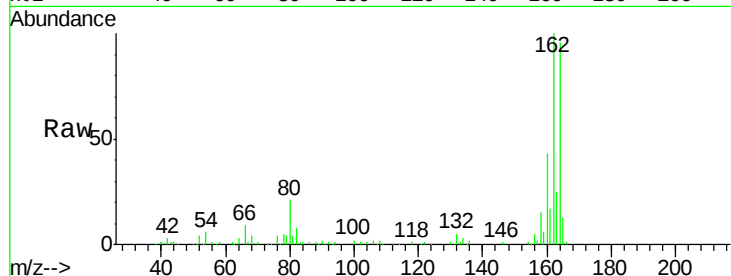




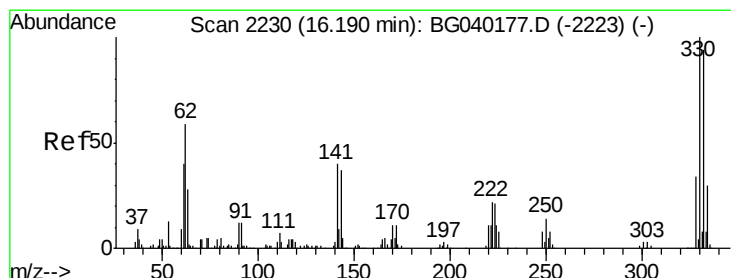
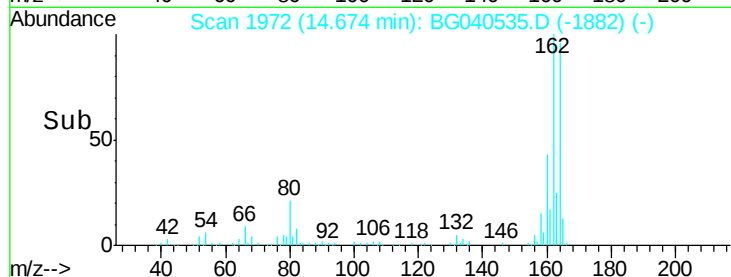
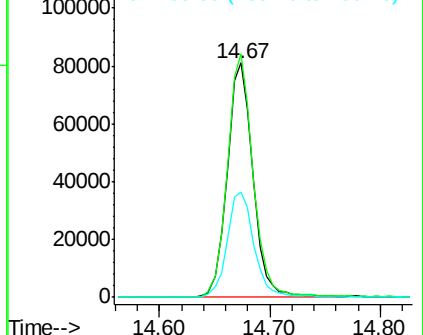
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BG040535.D
Acq: 17 Apr 2019 18:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 132672
Ion Ratio Lower Upper
164 100
162 103.9 77.4 116.2
160 45.0 35.3 52.9

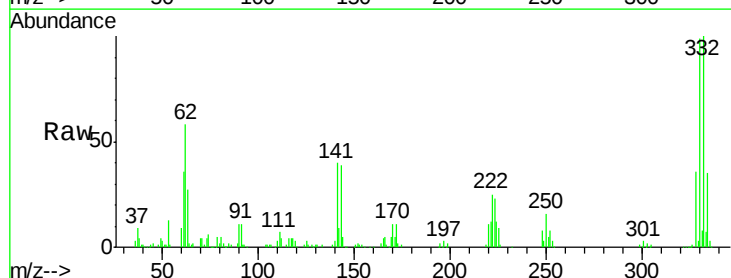


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

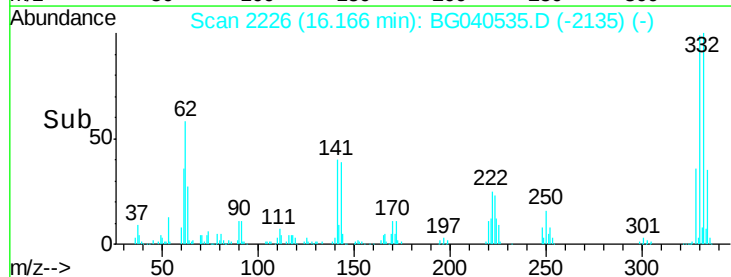
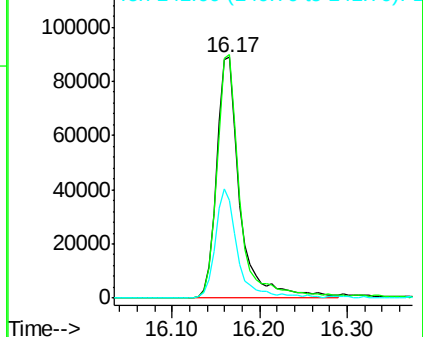


#42
2,4,6-Tribromophenol
Concen: 114.765 ng
RT: 16.17 min Scan# 2226
Delta R.T. 0.00 min
Lab File: BG040535.D
Acq: 17 Apr 2019 18:28

Tgt Ion:330 Resp: 164555
Ion Ratio Lower Upper
330 100
332 98.0 76.6 115.0
141 43.3 32.6 48.8



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

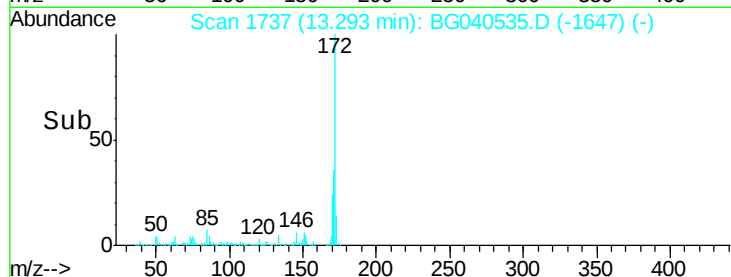
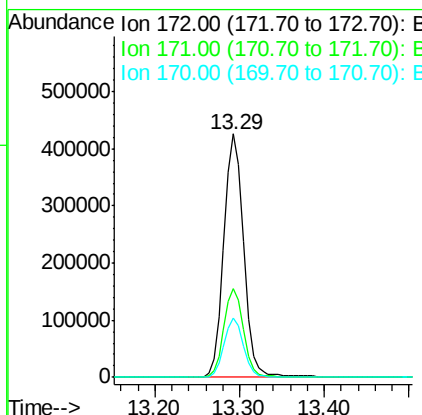
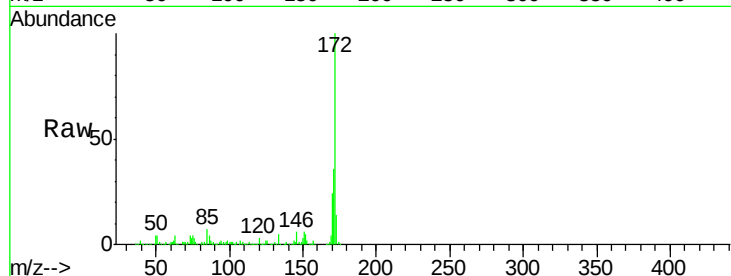




#45
2-Fluorobiphenyl
Concen: 77.542 ng
RT: 13.29 min Scan# 1737
Delta R.T. -0.00 min
Lab File: BG040535.D
Acq: 17 Apr 2019 18:28

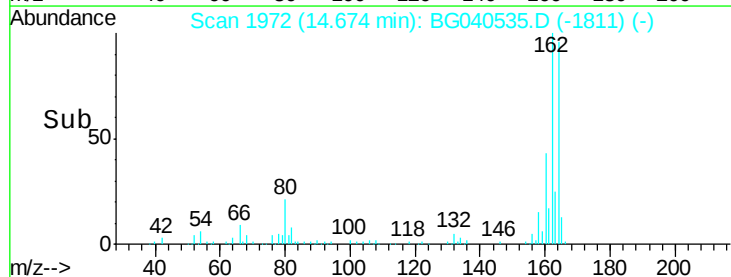
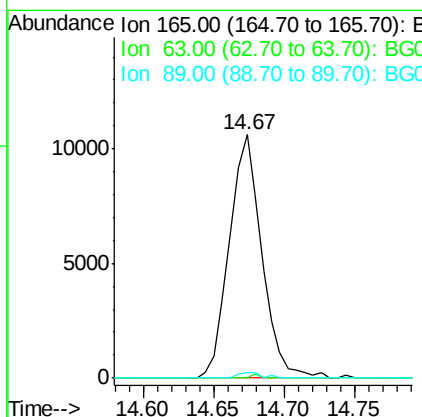
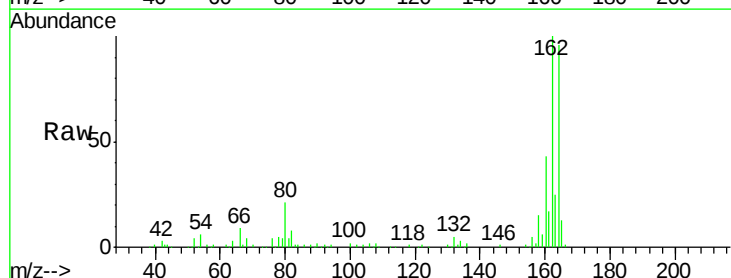
Instrument :
BNA_G
ClientSampled :

Tot Ion:172 Resp: 694283
Ion Ratio Lower Upper
172 100
171 36.4 30.5 45.7
170 24.2 20.1 30.1



#51
2,6-Dinitrotoluene
Concen: 7.313 ng
RT: 14.67 min Scan# 1972
Delta R.T. 0.41 min
Lab File: BG040535.D
Acq: 17 Apr 2019 18:28

Tgt Ion:165 Resp: 17050
Ion Ratio Lower Upper
165 100
63 0.0 44.1 66.1#
89 2.0 44.9 67.3#

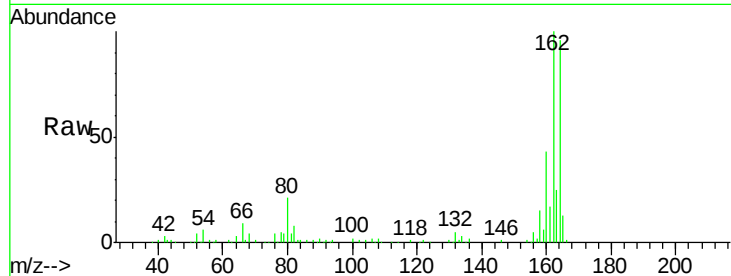




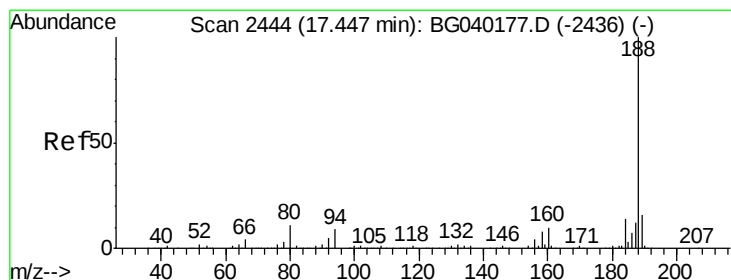
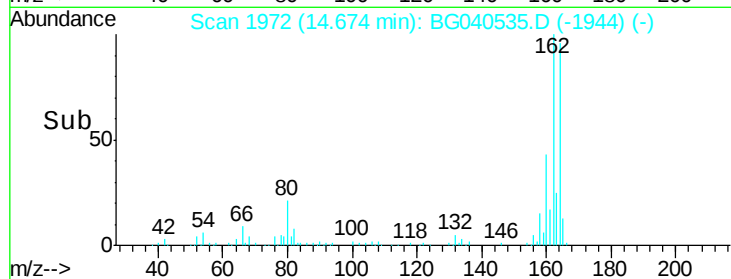
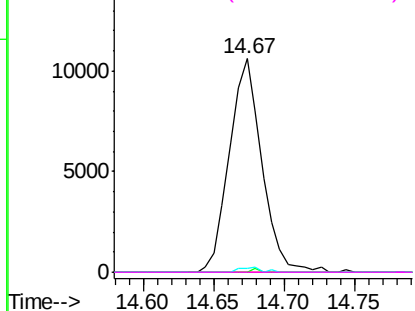
#57
 2,4-Dinitrotoluene
 Concen: 5.263 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.37 min
 Lab File: BG040535.D
 Acq: 17 Apr 2019 18:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 17050
 Ion Ratio Lower Upper
 165 100
 63 0.0 33.8 50.6#
 89 2.0 55.4 83.2#
 182 0.0 2.2 3.4#

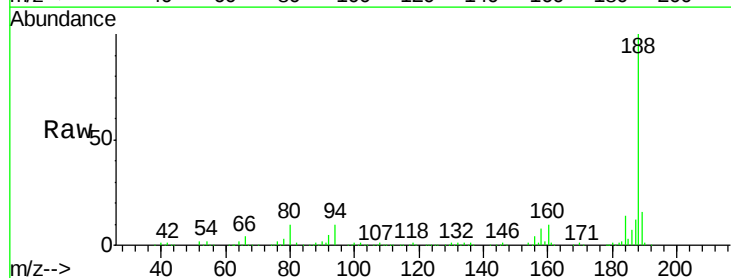


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

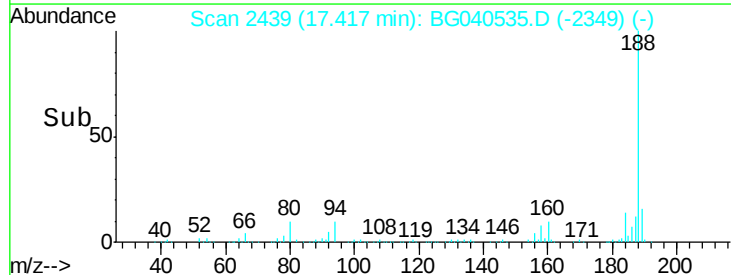
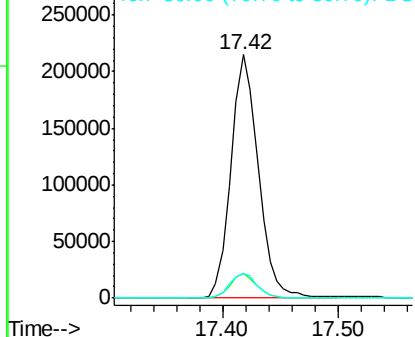


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2439
 Delta R.T. -0.00 min
 Lab File: BG040535.D
 Acq: 17 Apr 2019 18:28

Tgt Ion:188 Resp: 354921
 Ion Ratio Lower Upper
 188 100
 94 10.0 7.0 10.4
 80 10.3 8.6 13.0



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

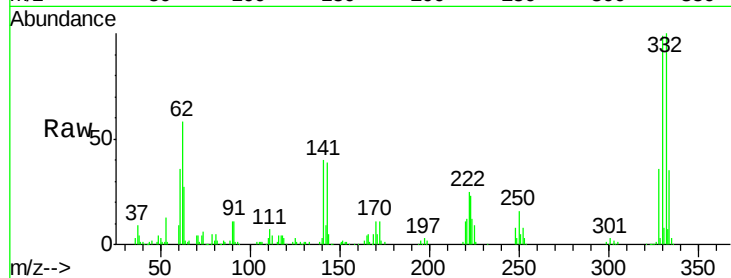




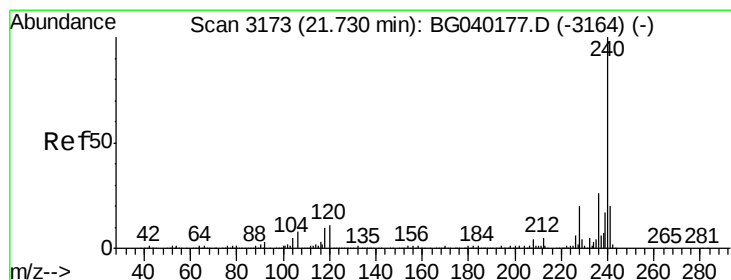
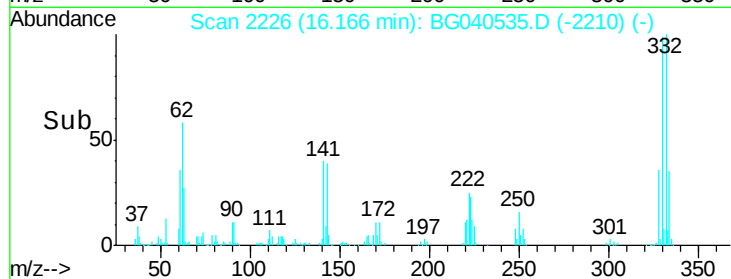
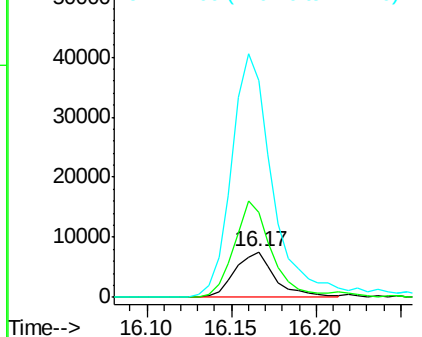
#67
 4-Bromophenyl-phenylether
 Concen: 3.138 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.44 min
 Lab File: BG040535.D
 Acq: 17 Apr 2019 18:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 12533
 Ion Ratio Lower Upper
 248 100
 250 140.1 76.4 114.6#
 141 359.3 53.8 80.8#

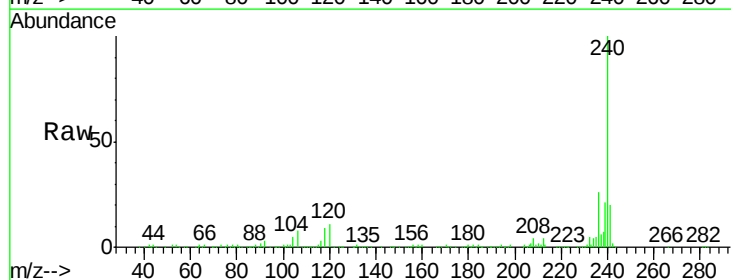


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

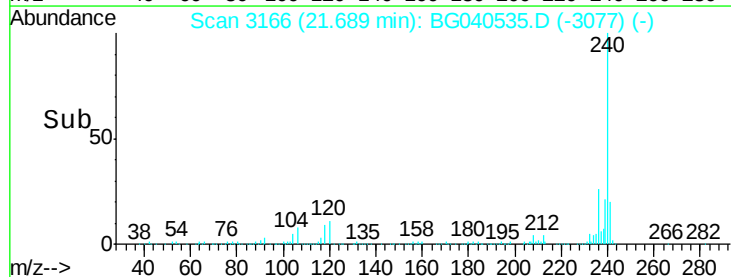
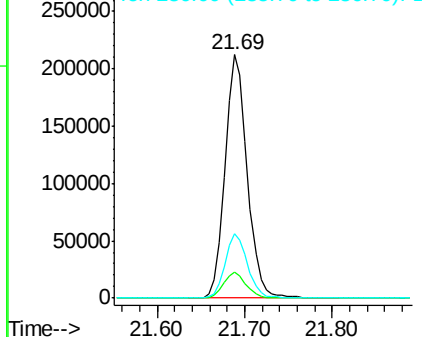


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3166
 Delta R.T. -0.01 min
 Lab File: BG040535.D
 Acq: 17 Apr 2019 18:28

Tgt Ion:240 Resp: 370264
 Ion Ratio Lower Upper
 240 100
 120 10.6 8.4 12.6
 236 26.3 20.8 31.2



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: 79.140 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG040535.D

Acq: 17 Apr 2019 18:28

Instrument :

BNA_G

ClientSampleId :

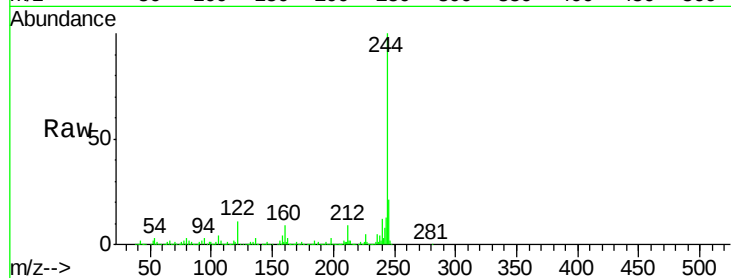
Tot Ion:244 Resp: 1302543

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.6

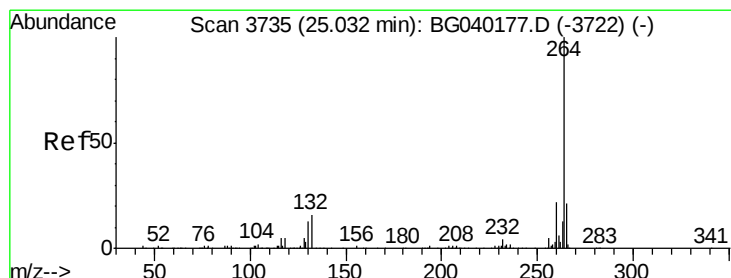
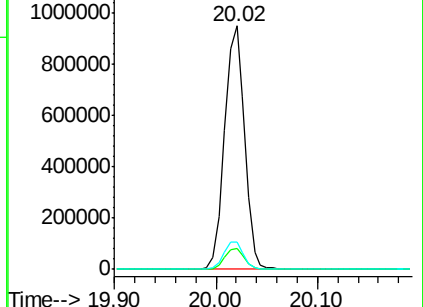
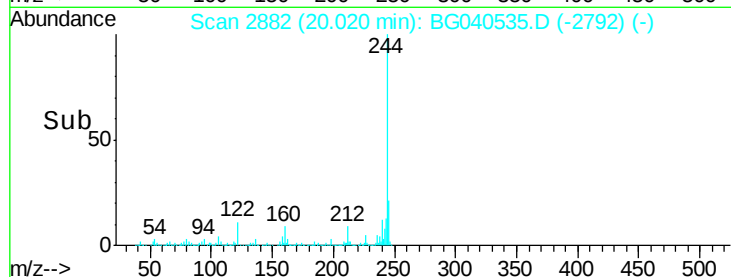
122 11.0 8.5 12.7



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.97 min Scan# 3724

Delta R.T. -0.00 min

Lab File: BG040535.D

Acq: 17 Apr 2019 18:28

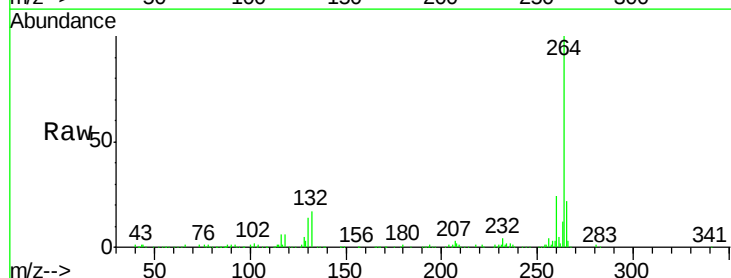
Tgt Ion:264 Resp: 397849

Ion Ratio Lower Upper

264 100

260 23.8 17.9 26.9

265 22.2 16.8 25.2



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

