

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040519\
 Data File : BG040390.D
 Acq On : 5 Apr 2019 23:45
 Operator : JU/SJ
 Sample : K2242-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TWP-02-DUP

Quant Time: Apr 06 00:37:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

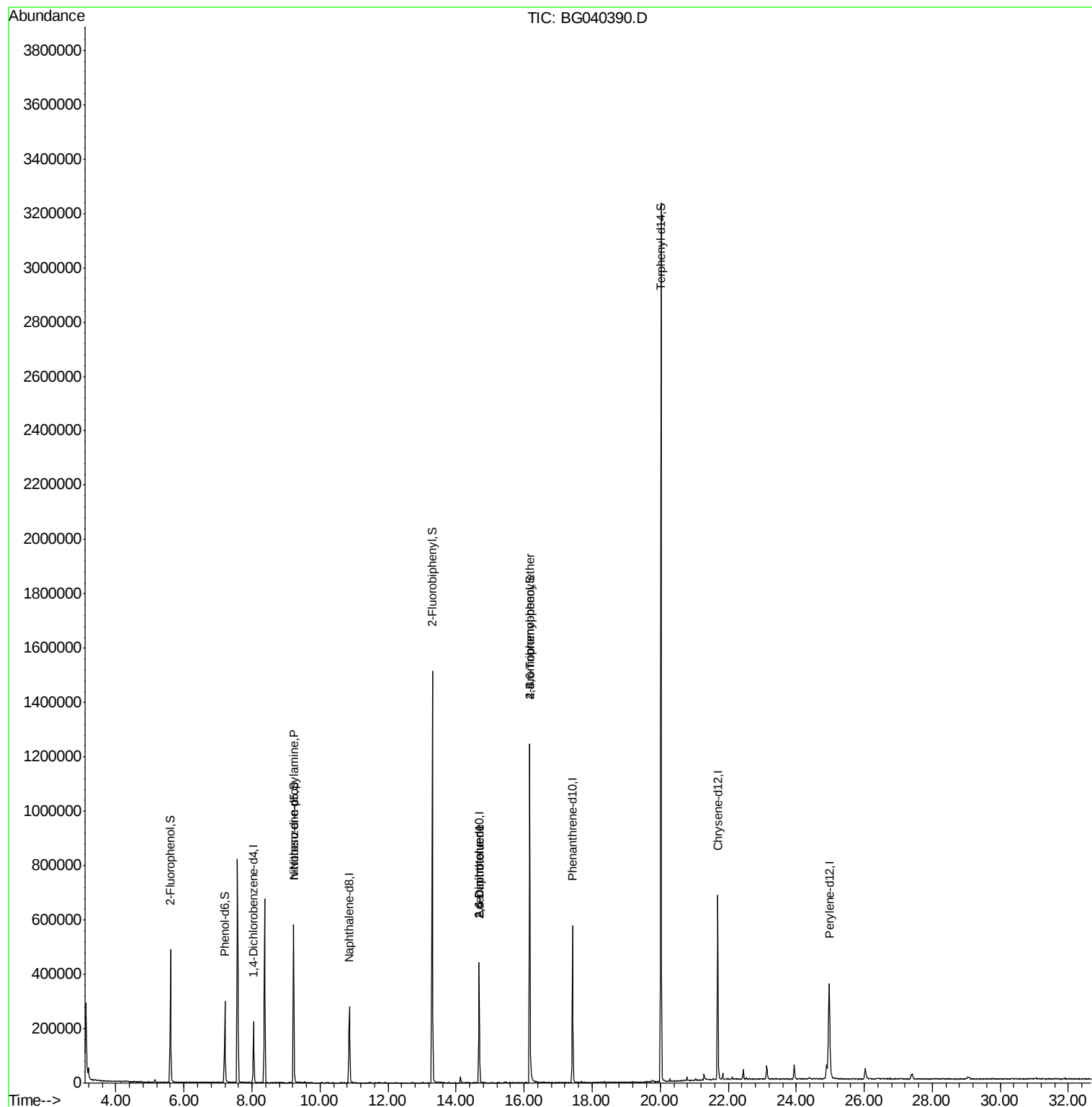
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	64656	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	260215	20.00	ng	-0.02
39) Acenaphthene-d10	14.67	164	153368	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	380941	20.00	ng	-0.03
76) Chrysene-d12	21.69	240	419828	20.00	ng	-0.04
87) Perylene-d12	24.97	264	417077	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	224209	57.65	ng	-0.02
7) Phenol-d6	7.20	99	191856	35.69	ng	-0.02
23) Nitrobenzene-d5	9.22	82	371849	75.96	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	233251	140.72	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	850154	82.14	ng	-0.02
79) Terphenyl-d14	20.02	244	1503649	80.57	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	46210	11.991	ng	# 74
51) 2,6-Dinitrotoluene	14.67	165	21723	8.060	ng	# 25
57) 2,4-Dinitrotoluene	14.67	165	21723	5.801	ng	# 25
67) 4-Bromophenyl-phenylether	16.17	248	18106	4.224	ng	# 1

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

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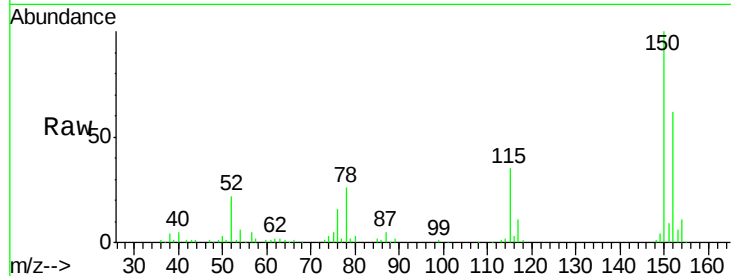


#1

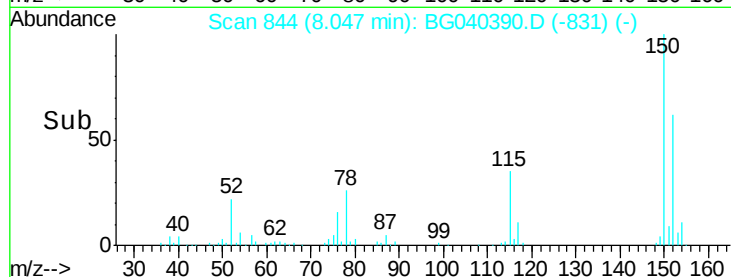
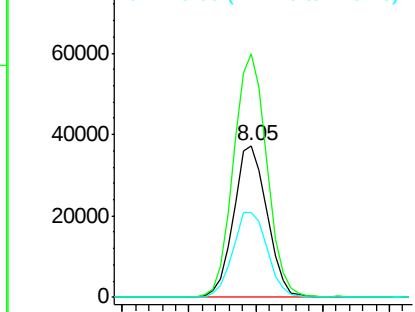
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040390.D
Acq: 5 Apr 2019 23:45

Instrument :
BNA_G
ClientSampleId :
TWP-02-DUP

Tot Ion:152 Resp: 64656
Ion Ratio Lower Upper
152 100
150 160.3 123.7 185.5
115 55.8 46.9 70.3



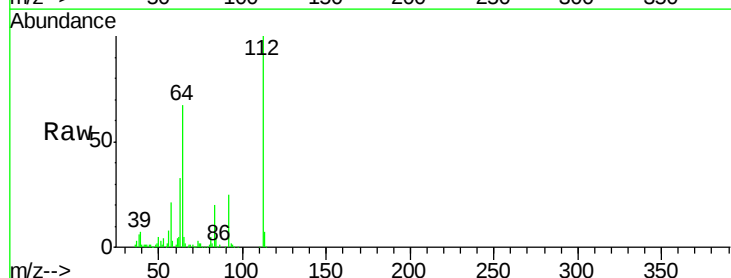
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



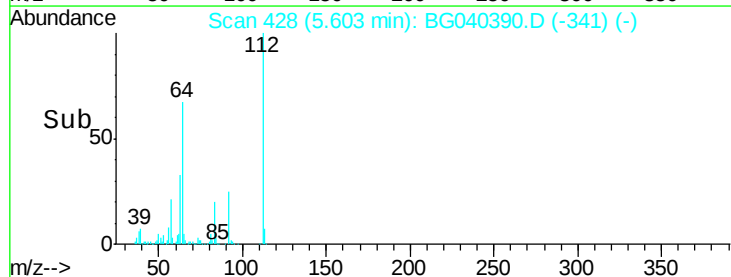
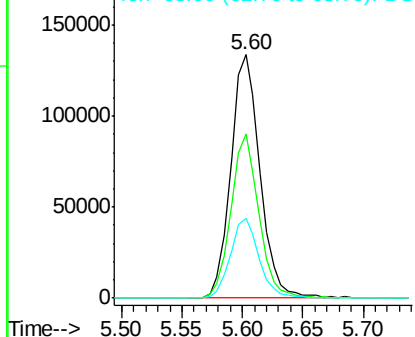
#5

2-Fluorophenol
Concen: 57.648 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.02 min
Lab File: BG040390.D
Acq: 5 Apr 2019 23:45

Tgt Ion:112 Resp: 224209
Ion Ratio Lower Upper
112 100
64 67.3 54.2 81.2
63 33.0 26.4 39.6



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: 35.694 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040390.D

Acq: 5 Apr 2019 23:45

Instrument :

BNA_G

ClientSampleId :

TWP-02-DUP

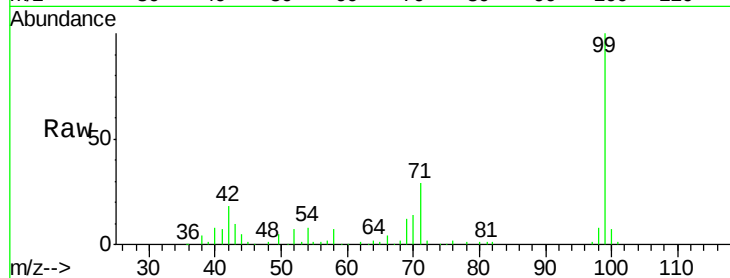
Tot Ion: 99 Resp: 191856

Ion Ratio Lower Upper

99 100

42 17.6 16.2 24.2

71 29.5 26.8 40.2

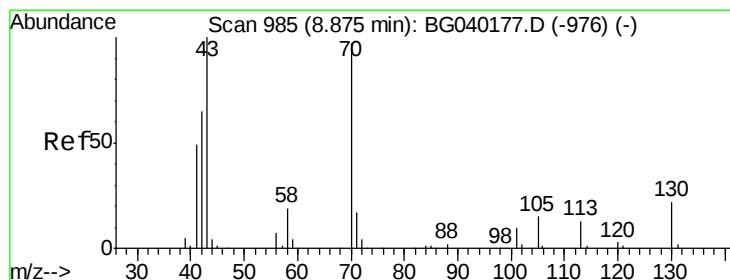
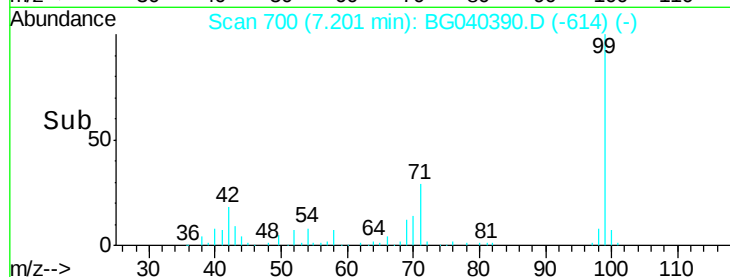
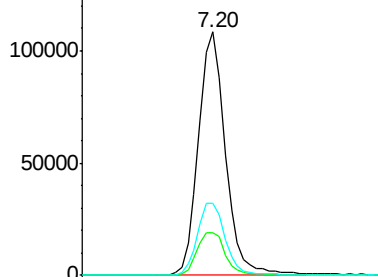


Abundance

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: 11.991 ng

RT: 9.22 min Scan# 1044

Delta R.T. 0.35 min

Lab File: BG040390.D

Acq: 5 Apr 2019 23:45

Tgt Ion: 70 Resp: 46210

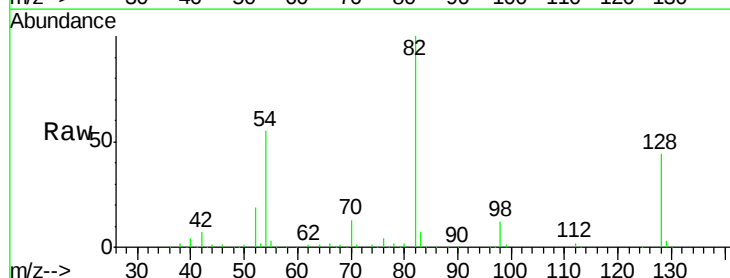
Ion Ratio Lower Upper

70 100

42 52.2 54.0 81.0#

101 0.0 8.6 13.0#

130 1.6 18.2 27.2#



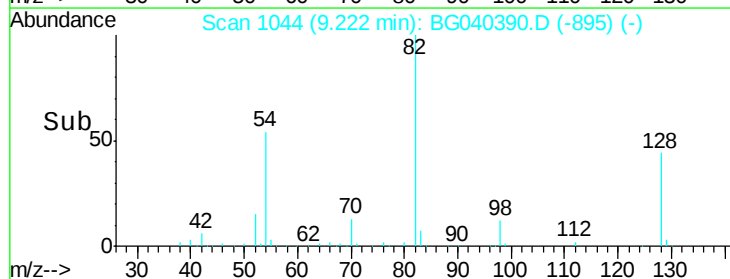
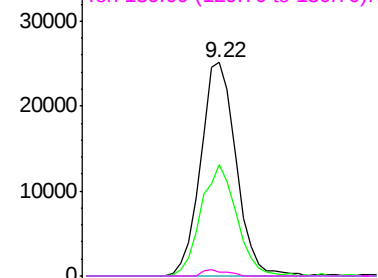
Abundance

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

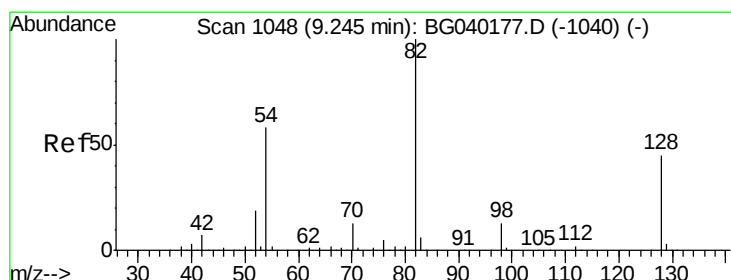
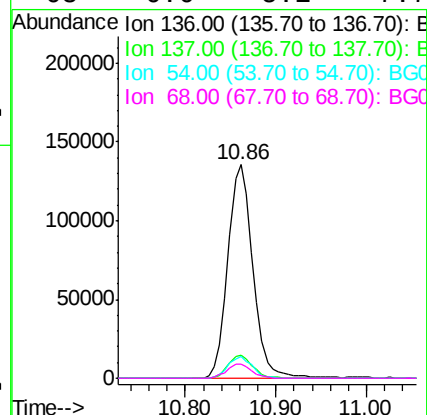
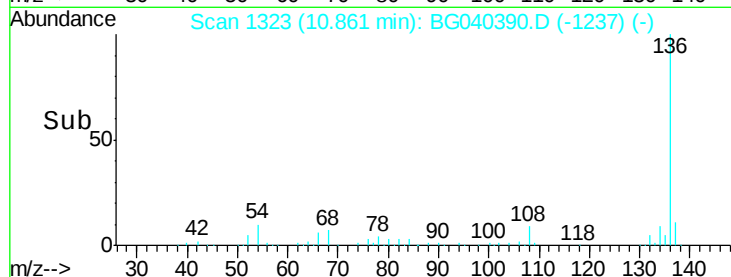
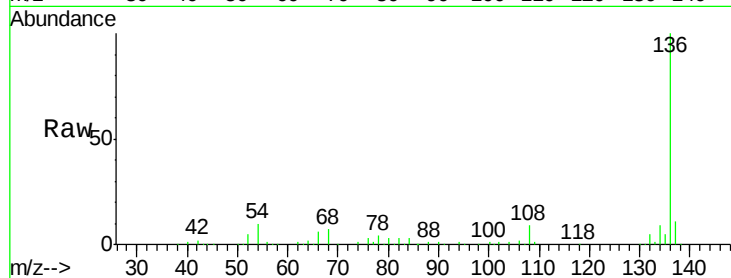




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG040390.D
Acq: 5 Apr 2019 23:45

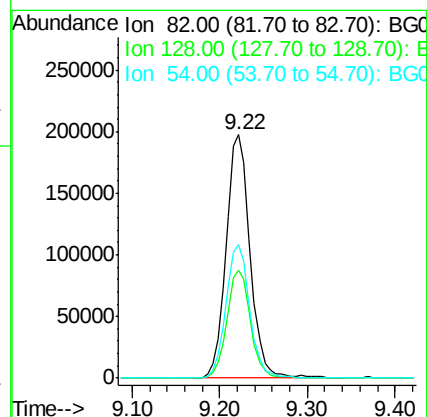
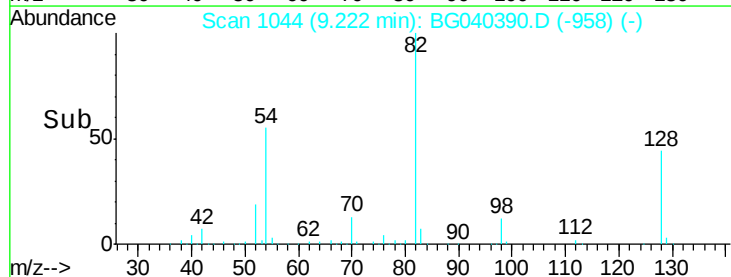
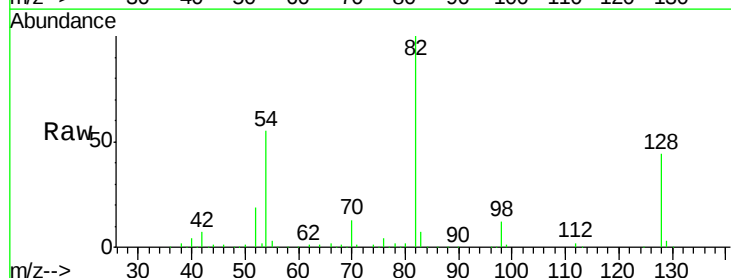
Instrument :
BNA_G
ClientSampleId :
TWP-02-DUP

Tot Ion:136	Resp: 260215
Ion Ratio	Lower Upper
136 100	
137 10.9	8.9 13.3
54 10.3	9.6 14.4
68 6.6	5.1 7.7



#23
Nitrobenzene-d5
Concen: 75.957 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG040390.D
Acq: 5 Apr 2019 23:45

Tgt Ion: 82	Resp: 371849
Ion Ratio	Lower Upper
82 100	
128 44.1	35.8 53.8
54 54.9	46.2 69.2

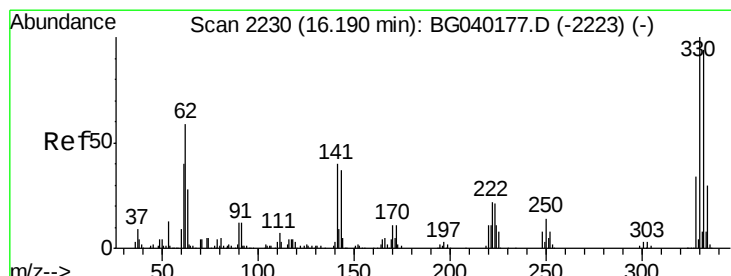
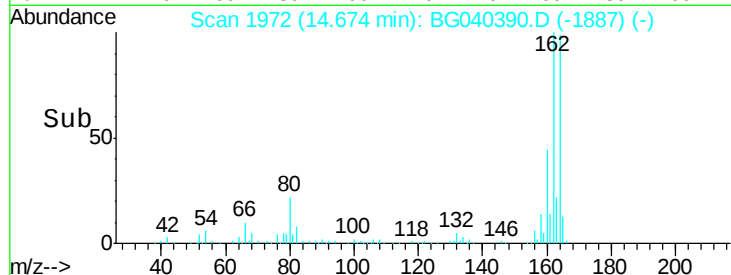
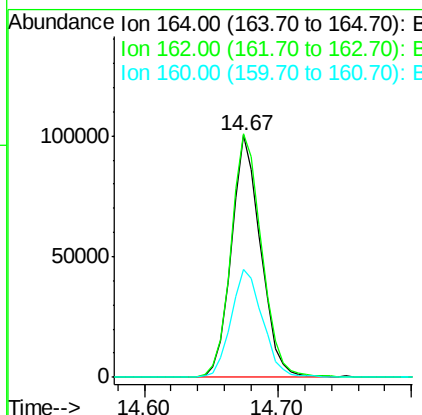
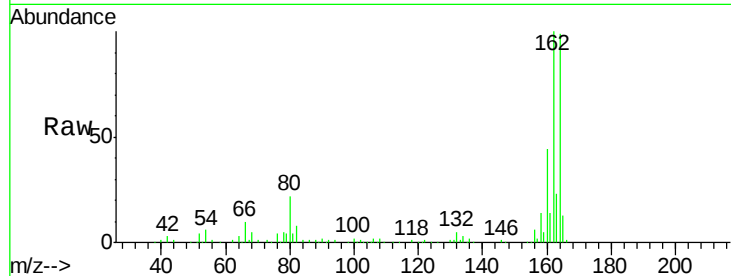




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.03 min
Lab File: BG040390.D
Acq: 5 Apr 2019 23:45

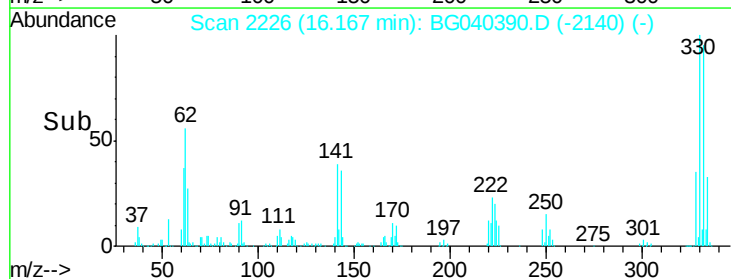
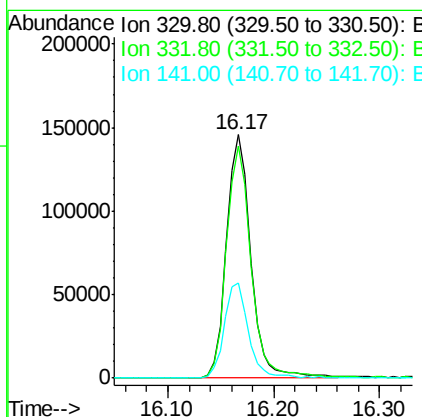
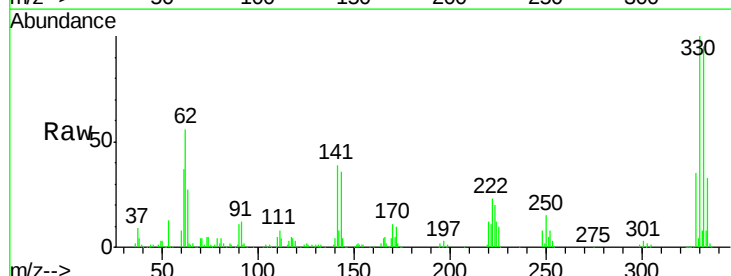
Instrument :
BNA_G
ClientSampleId :
TWP-02-DUP

Tot Ion:164 Resp: 153368
Ion Ratio Lower Upper
164 100
162 100.6 77.4 116.2
160 44.7 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 140.724 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.02 min
Lab File: BG040390.D
Acq: 5 Apr 2019 23:45

Tgt Ion:330 Resp: 233251
Ion Ratio Lower Upper
330 100
332 95.8 76.6 115.0
141 38.7 32.6 48.8

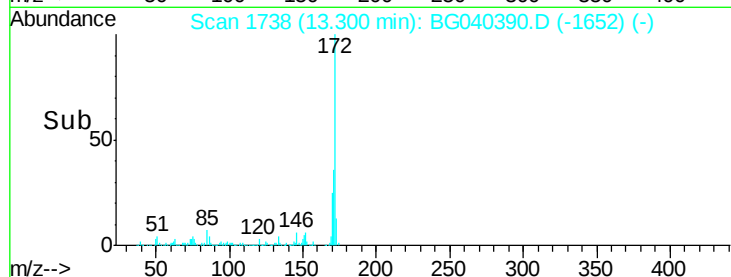
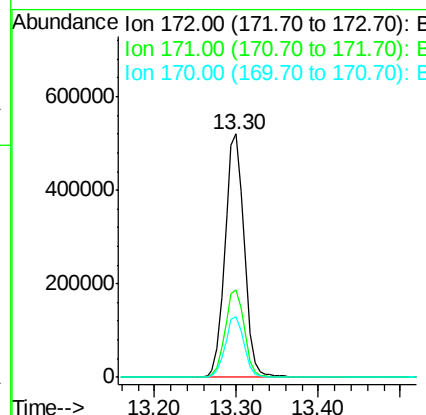
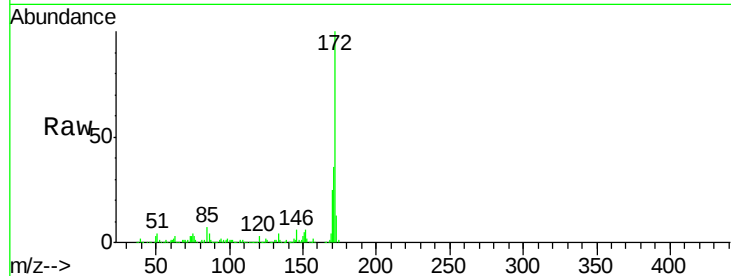




#45
2-Fluorobiphenyl
Concen: 82.137 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG040390.D
Acq: 5 Apr 2019 23:45

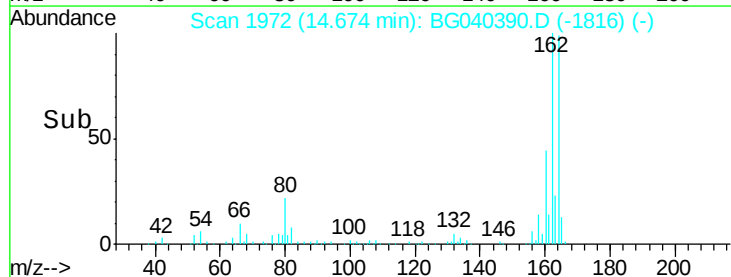
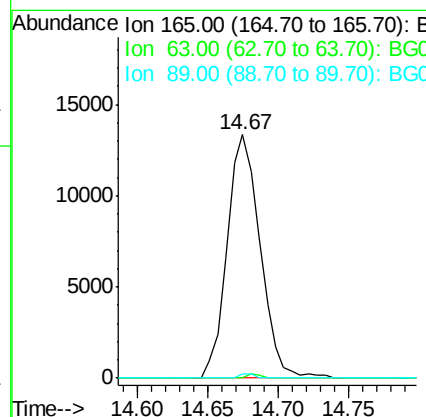
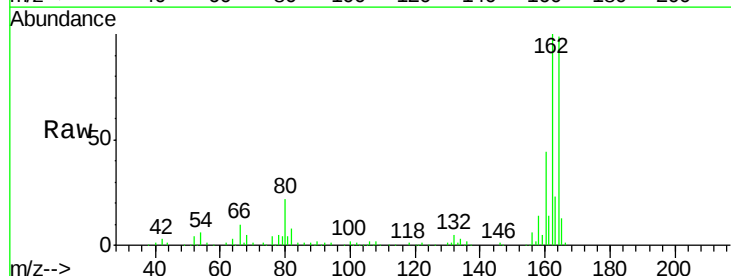
Instrument :
BNA_G
ClientSampleId :
TWP-02-DUP

Tot Ion:172 Resp: 850154
Ion Ratio Lower Upper
172 100
171 35.9 30.5 45.7
170 24.8 20.1 30.1



#51
2,6-Dinitrotoluene
Concen: 8.060 ng
RT: 14.67 min Scan# 1972
Delta R.T. 0.39 min
Lab File: BG040390.D
Acq: 5 Apr 2019 23:45

Tgt Ion:165 Resp: 21723
Ion Ratio Lower Upper
165 100
63 0.0 44.1 66.1#
89 1.8 44.9 67.3#

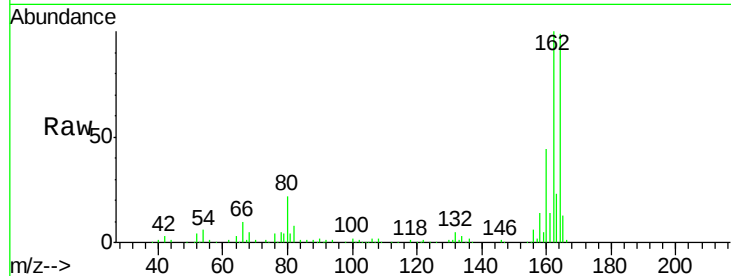




#57
 2,4-Dinitrotoluene
 Concen: 5.801 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.39 min
 Lab File: BG040390.D
 Acq: 5 Apr 2019 23:45

Instrument :
 BNA_G
 ClientSampleId :
 TWP-02-DUP

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.8	50.6#
89	1.8	55.4	83.2#
182	0.0	2.2	3.4#

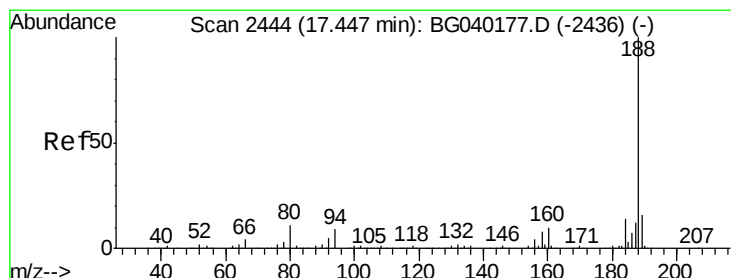
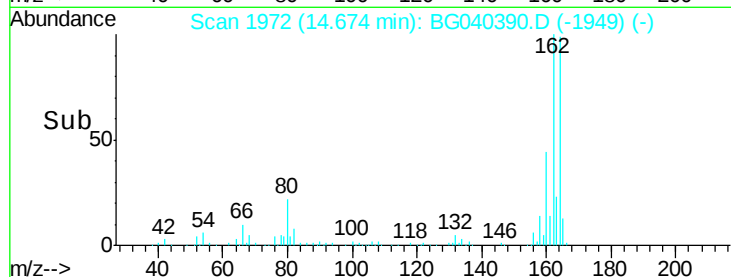
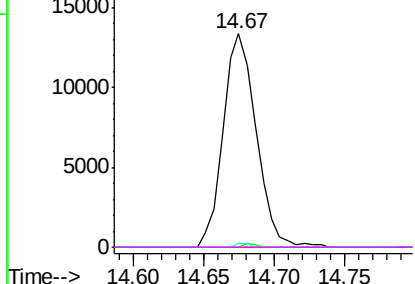


Abundance Ion 165.00 (164.70 to 165.70): E

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



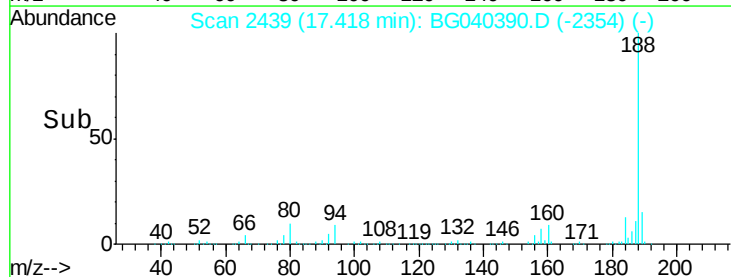
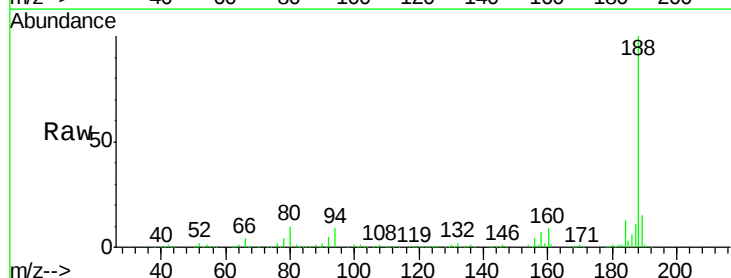
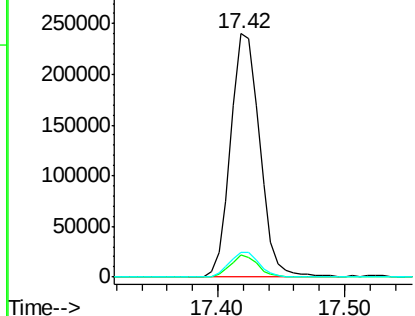
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2439
 Delta R.T. -0.03 min
 Lab File: BG040390.D
 Acq: 5 Apr 2019 23:45

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.0	10.4
80	10.4	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: 4.224 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.46 min

Lab File: BG040390.D

Acq: 5 Apr 2019 23:45

Instrument :

BNA_G

ClientSampleId :

TWP-02-DUP

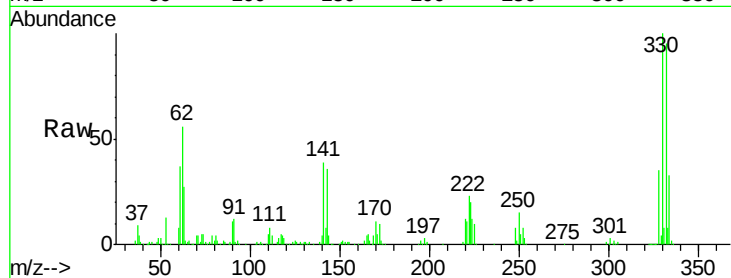
Tot Ion:248 Resp: 18106

Ion Ratio Lower Upper

248 100

250 203.2 76.4 114.6#

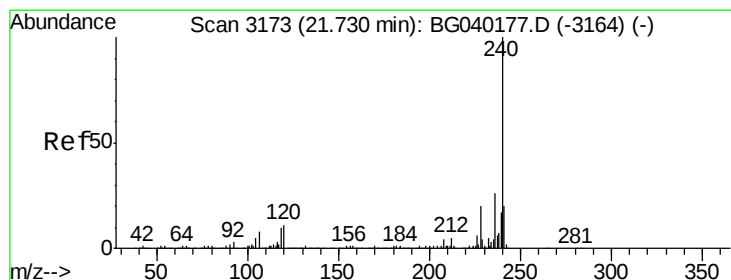
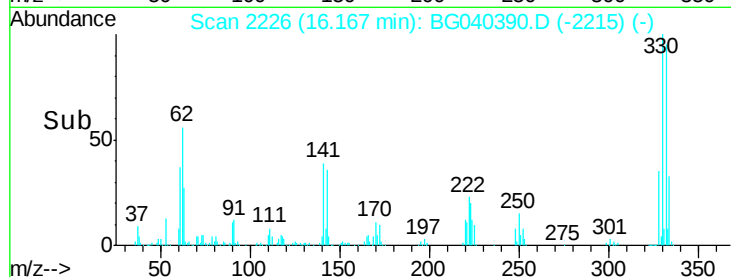
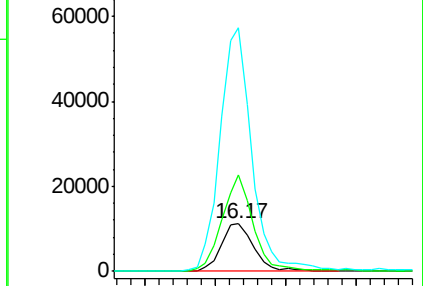
141 515.8 53.8 80.8#



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. -0.04 min

Lab File: BG040390.D

Acq: 5 Apr 2019 23:45

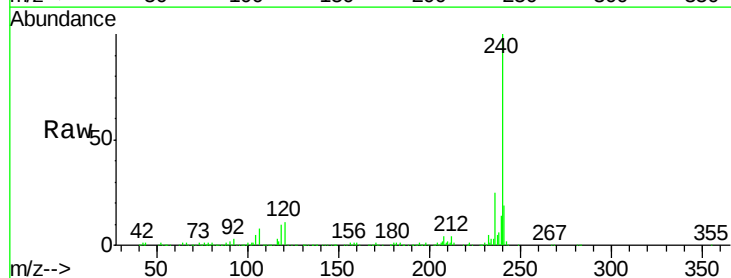
Tgt Ion:240 Resp: 419828

Ion Ratio Lower Upper

240 100

120 10.5 8.4 12.6

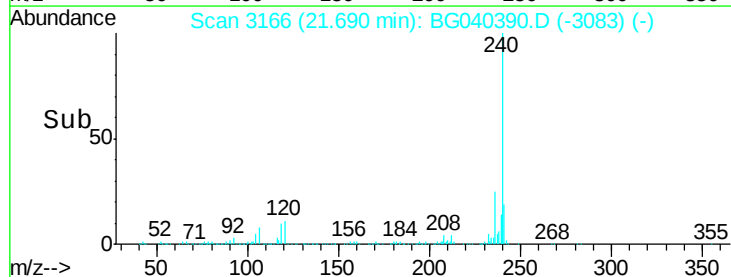
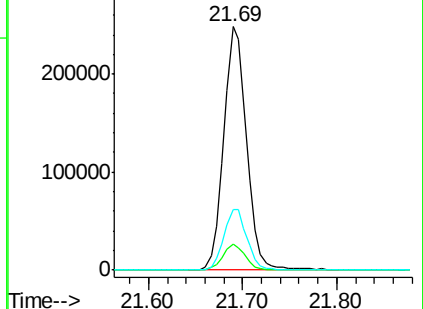
236 25.0 20.8 31.2



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: 80.573 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040390.D

Acq: 5 Apr 2019 23:45

Instrument :

BNA_G

ClientSampleId :

TWP-02-DUP

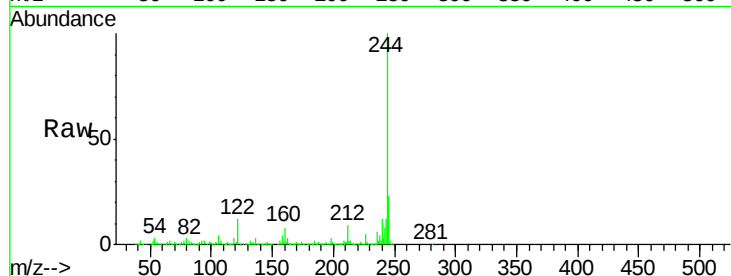
Tot Ion:244 Resp: 1503649

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.6

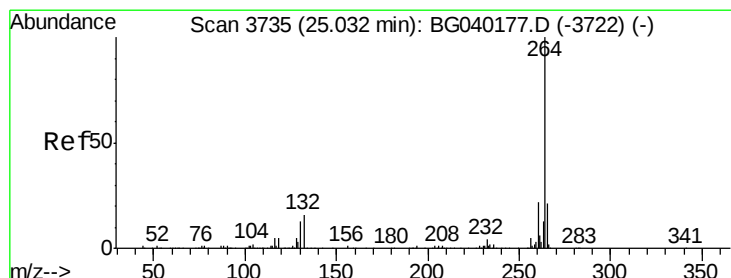
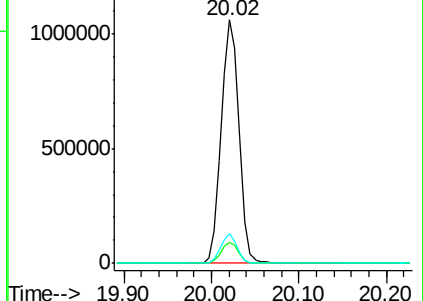
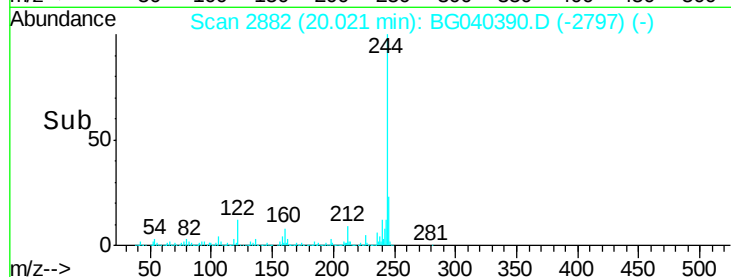
122 12.5 8.5 12.7



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. -0.06 min

Lab File: BG040390.D

Acq: 5 Apr 2019 23:45

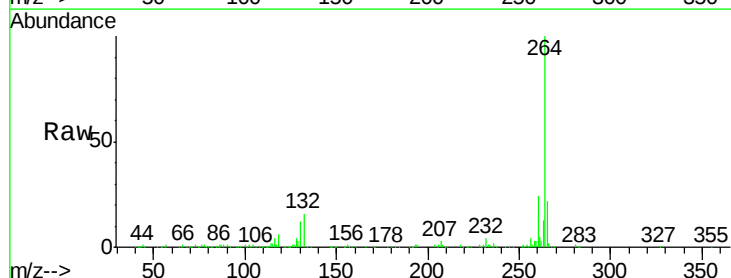
Tgt Ion:264 Resp: 417077

Ion Ratio Lower Upper

264 100

260 23.7 17.9 26.9

265 21.5 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

