

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040219\
 Data File : BG040308.D
 Acq On : 2 Apr 2019 22:39
 Operator : JU/SJ
 Sample : K2180-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 03 00:52:10 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

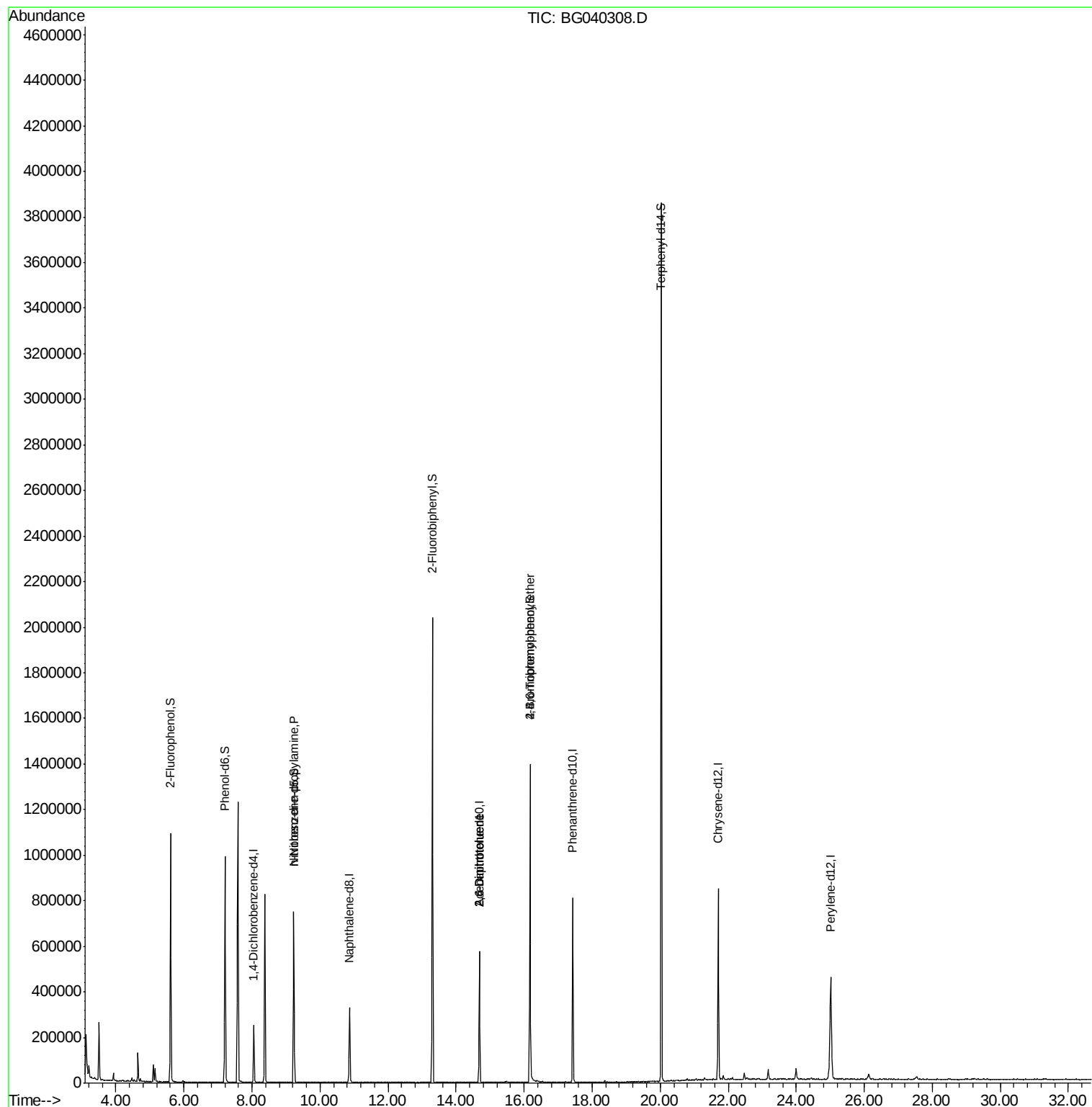
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	68518	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	285627	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	201787	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	501104	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	503696	20.00	ng	-0.02
87) Perylene-d12	25.02	264	501842	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	476467	115.60	ng	-0.01
7) Phenol-d6	7.21	99	593643	104.22	ng	-0.02
23) Nitrobenzene-d5	9.23	82	462073	85.99	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	255550	117.18	ng	-0.02
45) 2-Fluorobiphenyl	13.31	172	1075419	78.97	ng	-0.02
79) Terphenyl-d14	20.03	244	1781718	79.58	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	58072	14.219	ng	# 75
51) 2,6-Dinitrotoluene	14.68	165	25511	7.194	ng	# 26
57) 2,4-Dinitrotoluene	14.68	165	25511	5.178	ng	# 26
67) 4-Bromophenyl-phenylether	16.17	248	18258	3.238	ng	# 1

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

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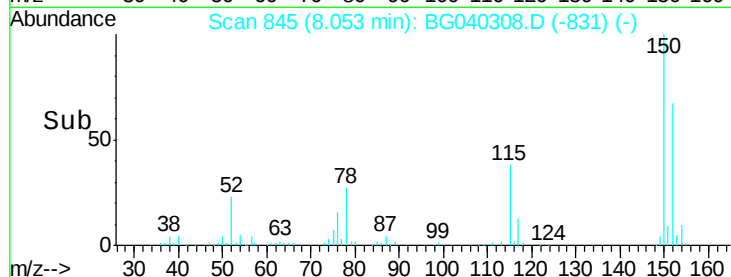
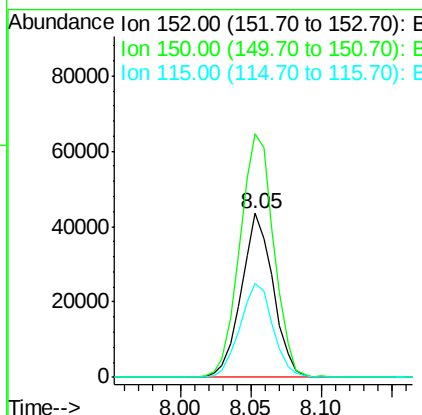
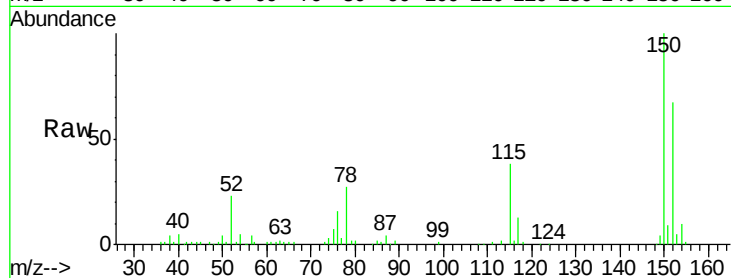


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.02 min
Lab File: BG040308.D
Acq: 2 Apr 2019 22:39

Instrument :
BNA_G
ClientSampleId :

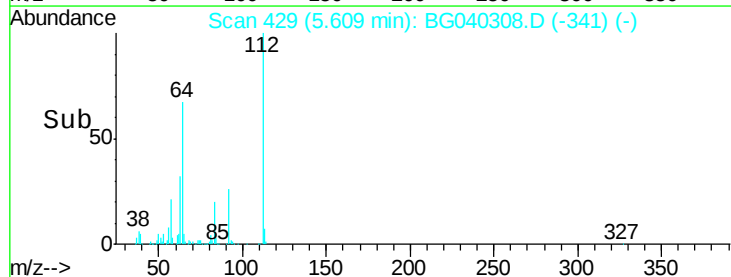
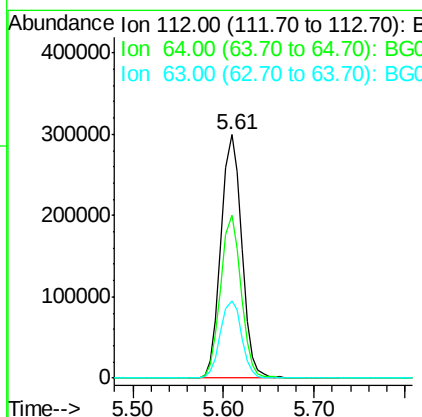
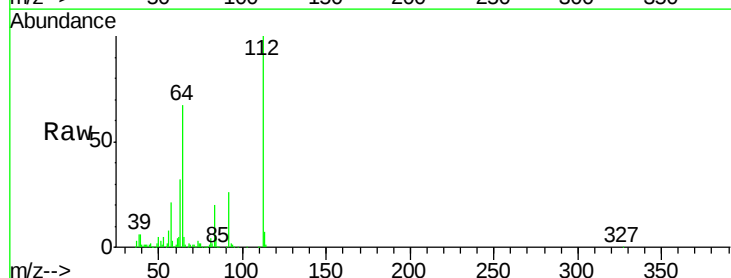
Tot Ion:152 Resp: 68518
Ion Ratio Lower Upper
152 100
150 148.3 123.7 185.5
115 56.9 46.9 70.3



#5

2-Fluorophenol
Concen: 115.602 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.01 min
Lab File: BG040308.D
Acq: 2 Apr 2019 22:39

Tgt Ion:112 Resp: 476467
Ion Ratio Lower Upper
112 100
64 66.9 54.2 81.2
63 31.5 26.4 39.6





#7

Phenol-d6

Concen: 104.219 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG040308.D

Acq: 2 Apr 2019 22:39

Instrument :

BNA_G

ClientSampleId :

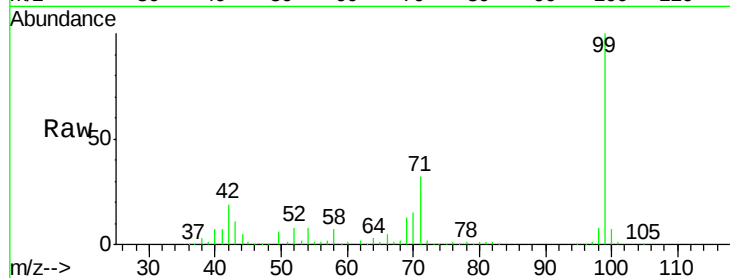
Tot Ion: 99 Resp: 593643

Ion Ratio Lower Upper

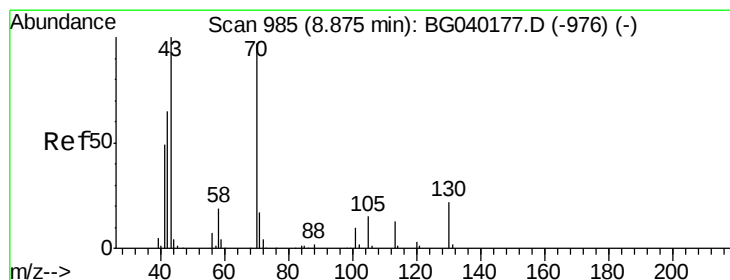
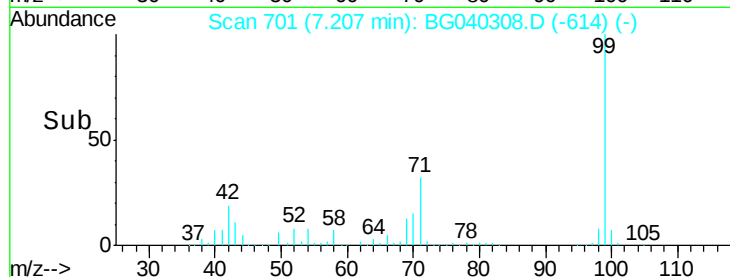
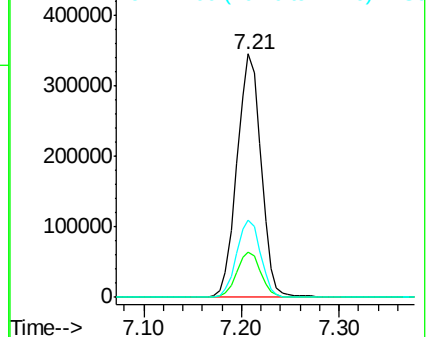
99 100

42 18.7 16.2 24.2

71 32.0 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: 14.219 ng

RT: 9.23 min Scan# 1045

Delta R.T. 0.35 min

Lab File: BG040308.D

Acq: 2 Apr 2019 22:39

Tgt Ion: 70 Resp: 58072

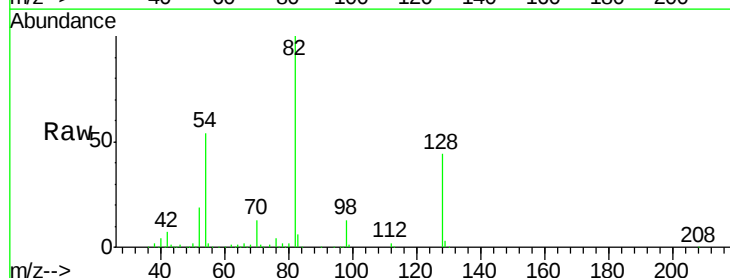
Ion Ratio Lower Upper

70 100

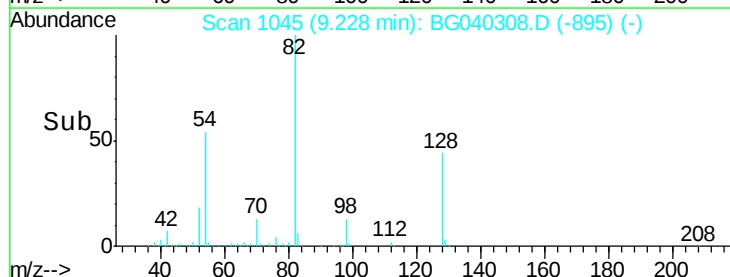
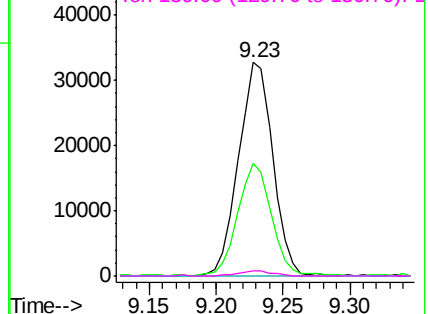
42 52.6 54.0 81.0#

101 0.0 8.6 13.0#

130 2.6 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

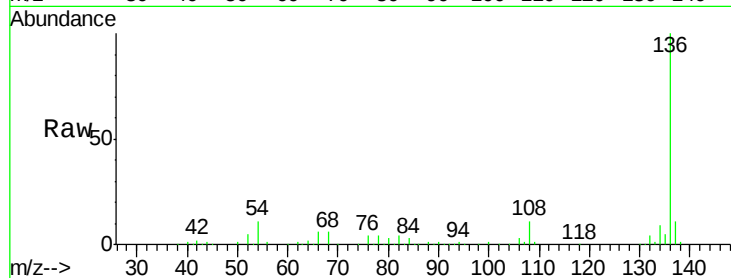




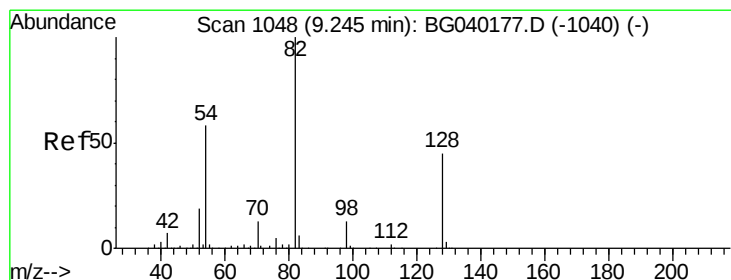
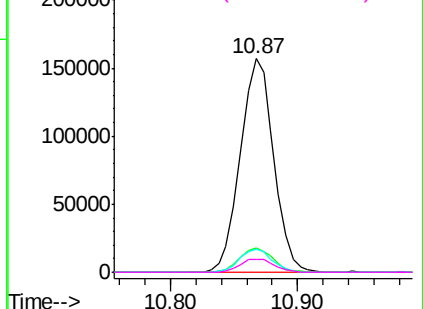
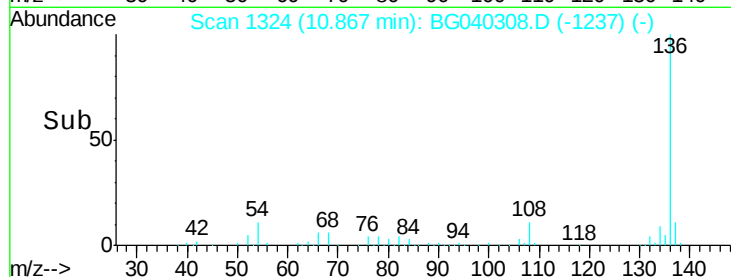
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.02 min
Lab File: BG040308.D
Acq: 2 Apr 2019 22:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	285627
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	10.6	9.6 14.4
68	6.2	5.1 7.7

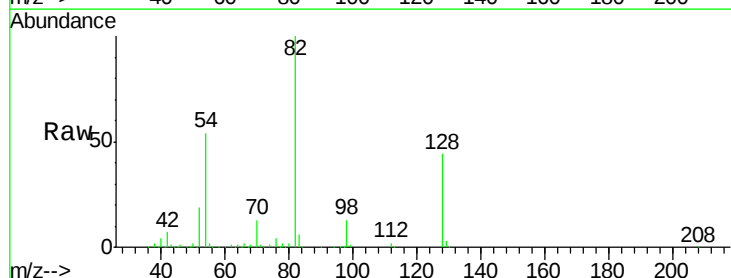


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

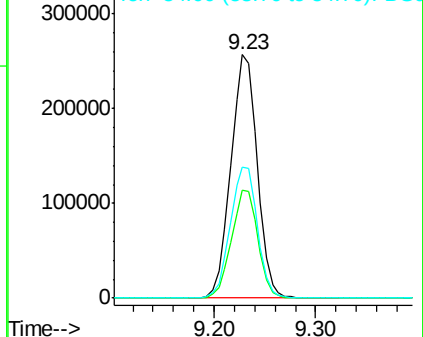
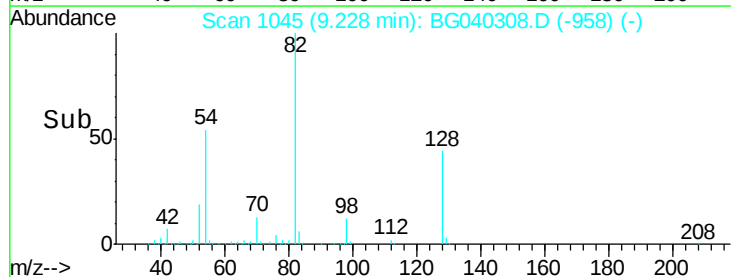


#23
Nitrobenzene-d5
Concen: 85.989 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BG040308.D
Acq: 2 Apr 2019 22:39

Tgt Ion: 82	Resp:	462073
Ion Ratio	Lower	Upper
82	100	
128	44.1	35.8 53.8
54	53.9	46.2 69.2



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

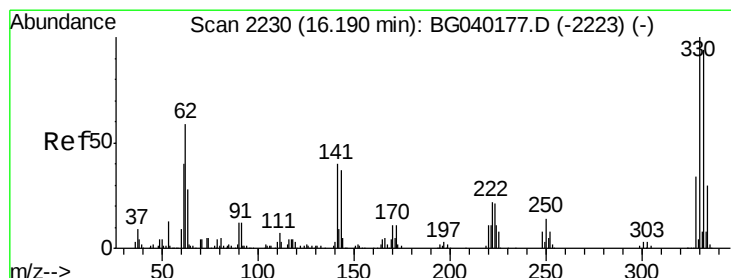
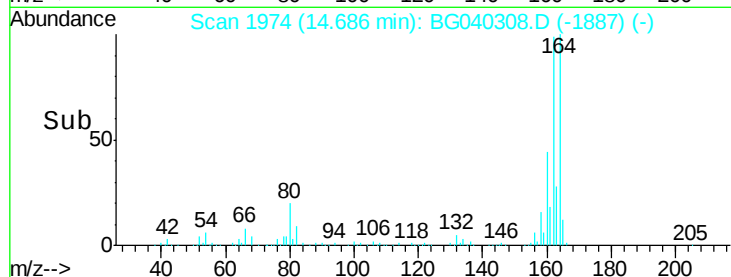
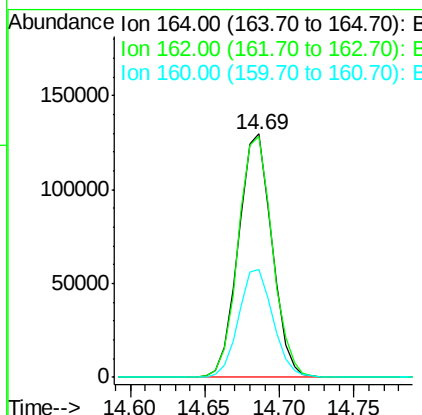
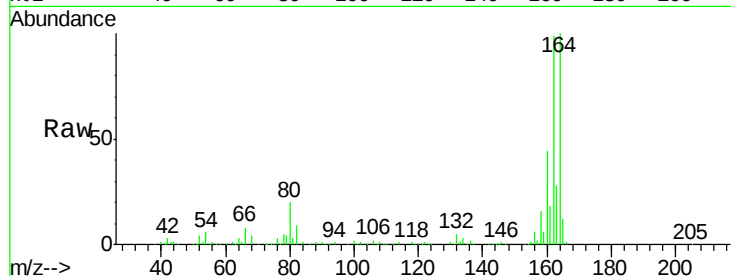




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.02 min
 Lab File: BG040308.D
 Acq: 2 Apr 2019 22:39

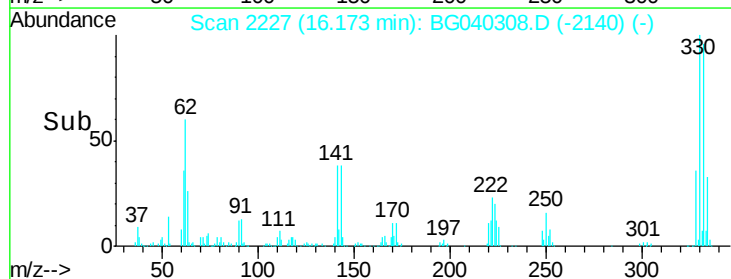
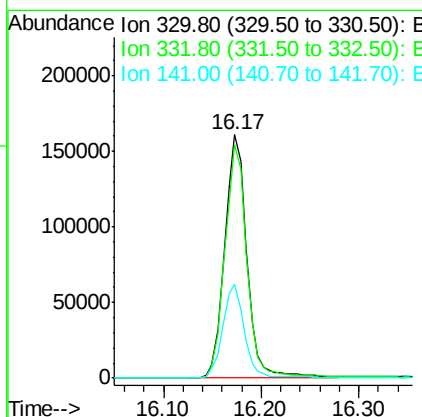
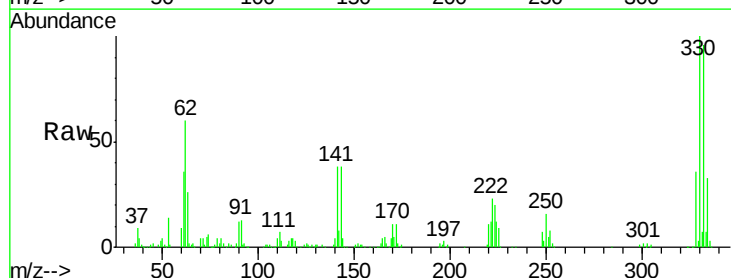
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:164 Resp: 201787
 Ion Ratio Lower Upper
 164 100
 162 99.0 77.4 116.2
 160 44.5 35.3 52.9



#42
 2,4,6-Tribromophenol
 Concen: 117.182 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.02 min
 Lab File: BG040308.D
 Acq: 2 Apr 2019 22:39

Tgt Ion:330 Resp: 255550
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.6 115.0
 141 37.6 32.6 48.8

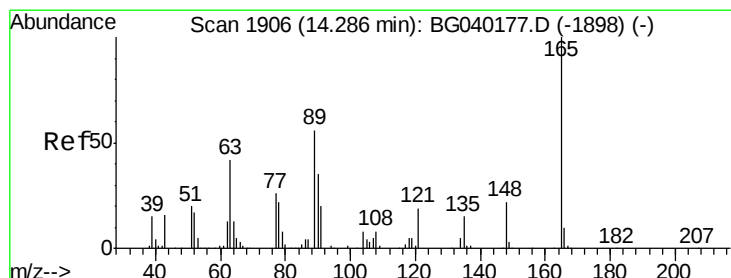
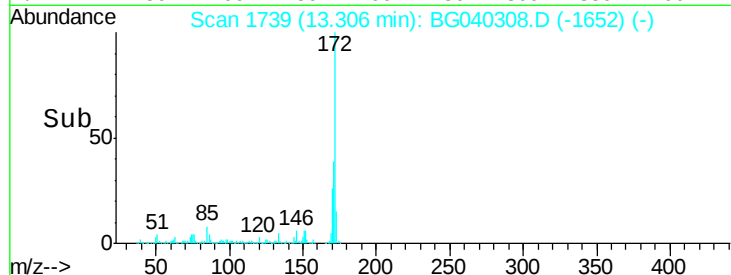
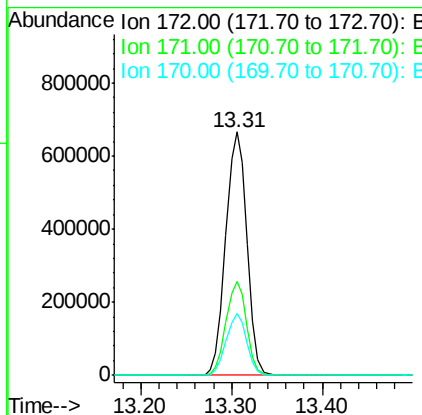
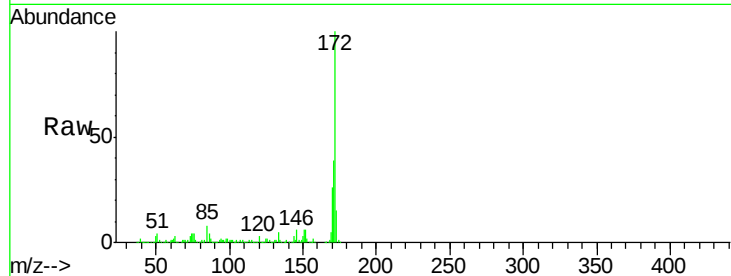




#45
2-Fluorobiphenyl
Concen: 78.970 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.02 min
Lab File: BG040308.D
Acq: 2 Apr 2019 22:39

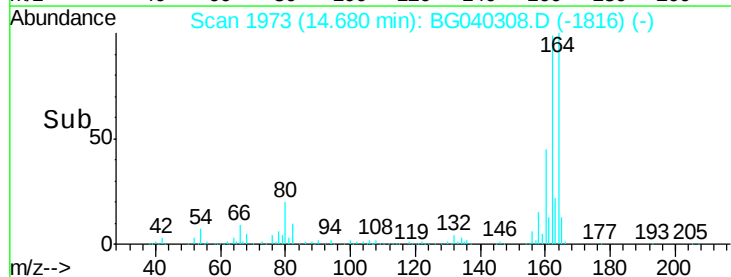
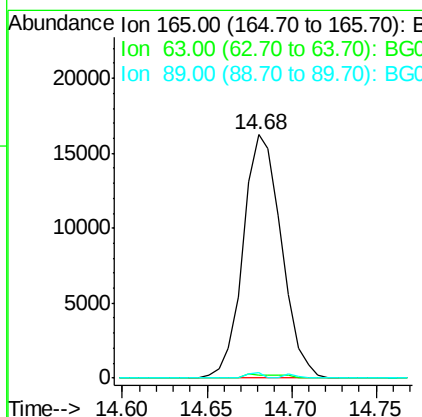
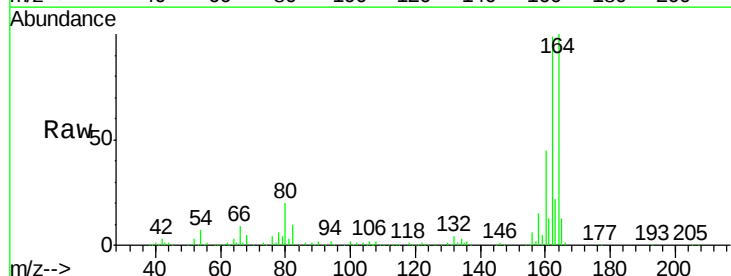
Instrument :
BNA_G
ClientSampleId :

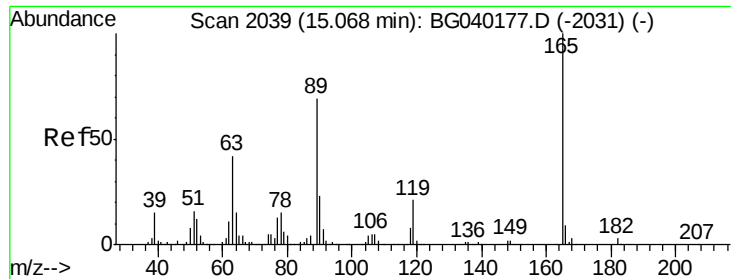
Tot Ion:172 Resp: 1075419
Ion Ratio Lower Upper
172 100
171 38.7 30.5 45.7
170 25.5 20.1 30.1



#51
2,6-Dinitrotoluene
Concen: 7.194 ng
RT: 14.68 min Scan# 1973
Delta R.T. 0.39 min
Lab File: BG040308.D
Acq: 2 Apr 2019 22:39

Tgt Ion:165 Resp: 25511
Ion Ratio Lower Upper
165 100
63 1.3 44.1 66.1#
89 2.3 44.9 67.3#

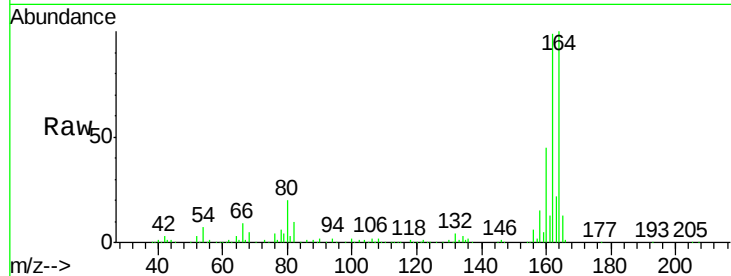




#57
 2,4-Dinitrotoluene
 Concen: 5.178 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.39 min
 Lab File: BG040308.D
 Acq: 2 Apr 2019 22:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	33.8	50.6#
89	2.3	55.4	83.2#
182	0.0	2.2	3.4#

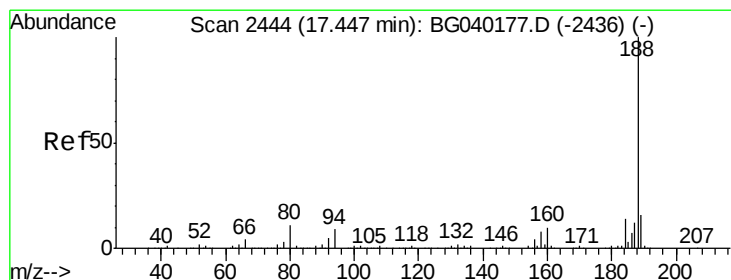
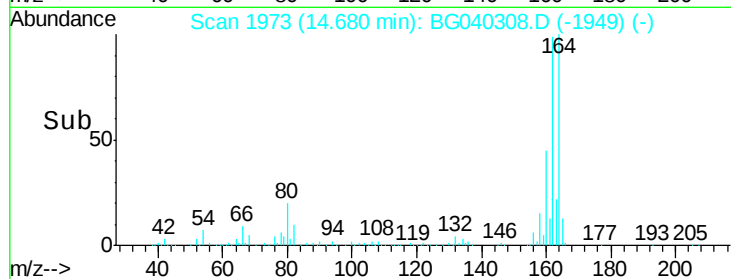
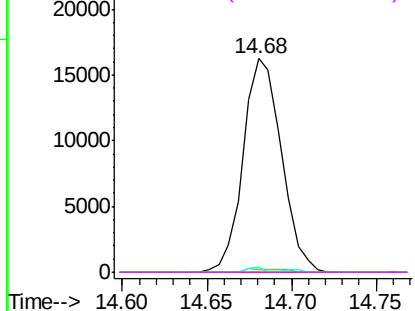


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

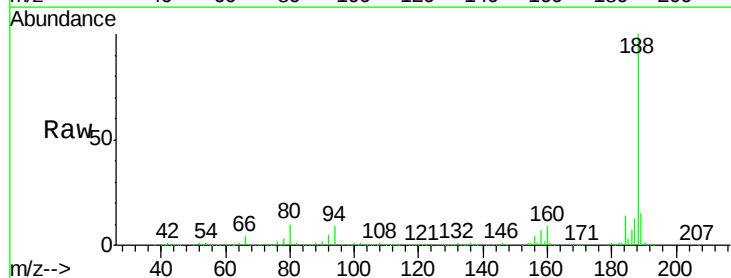
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2441
 Delta R.T. -0.02 min
 Lab File: BG040308.D
 Acq: 2 Apr 2019 22:39

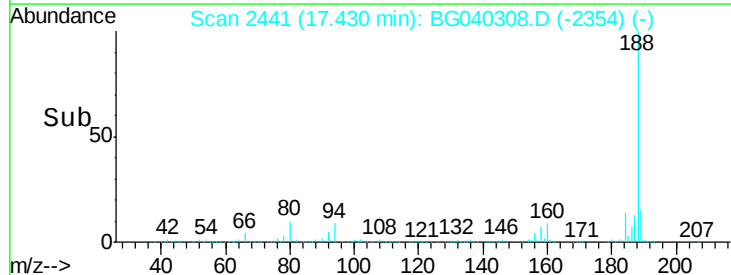
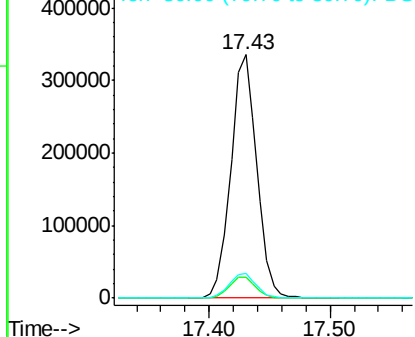
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.0	10.4
80	10.2	8.6	13.0



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

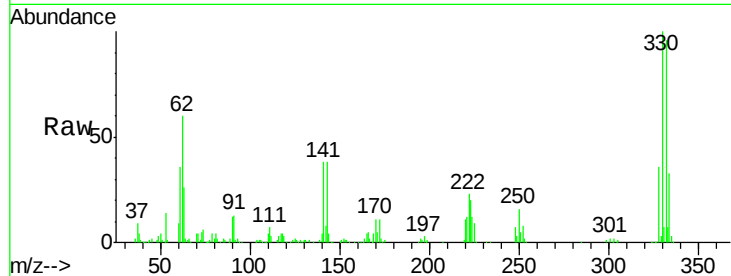




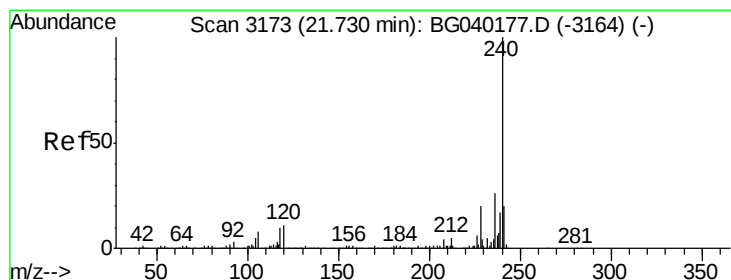
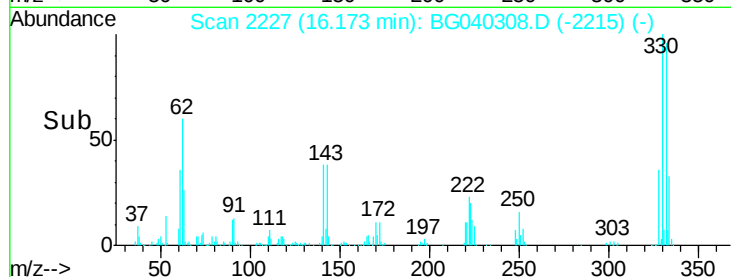
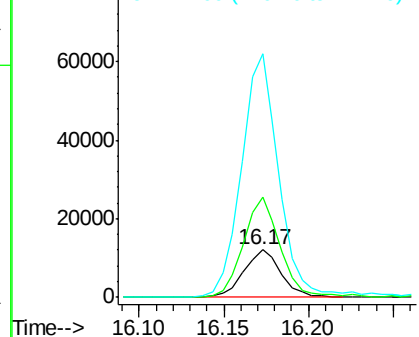
#67
 4-Bromophenyl-phenylether
 Concen: 3.238 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.46 min
 Lab File: BG040308.D
 Acq: 2 Apr 2019 22:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 18258
 Ion Ratio Lower Upper
 248 100
 250 158.7 76.4 114.6#
 141 383.8 53.8 80.8#

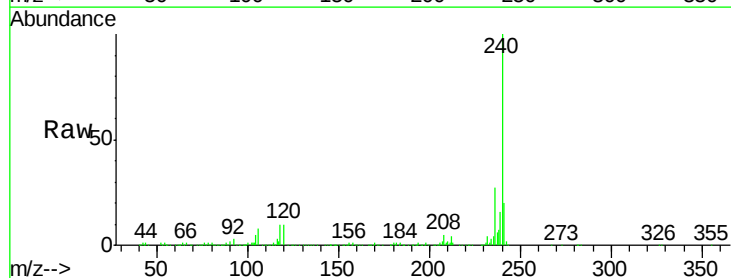


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

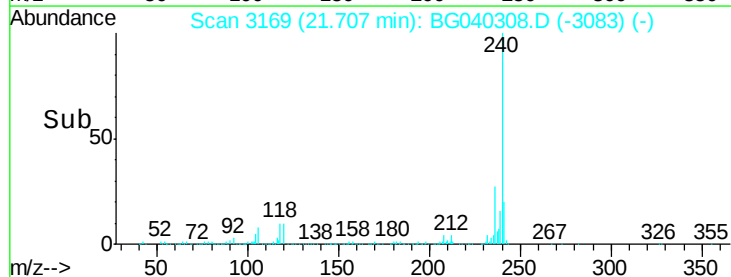
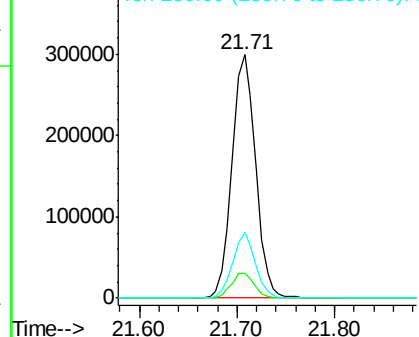


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.71 min Scan# 3169
 Delta R.T. -0.02 min
 Lab File: BG040308.D
 Acq: 2 Apr 2019 22:39

Tgt Ion:240 Resp: 503696
 Ion Ratio Lower Upper
 240 100
 120 10.3 8.4 12.6
 236 27.1 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: 79.577 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.02 min

Lab File: BG040308.D

Acq: 2 Apr 2019 22:39

Instrument :

BNA_G

ClientSampleId :

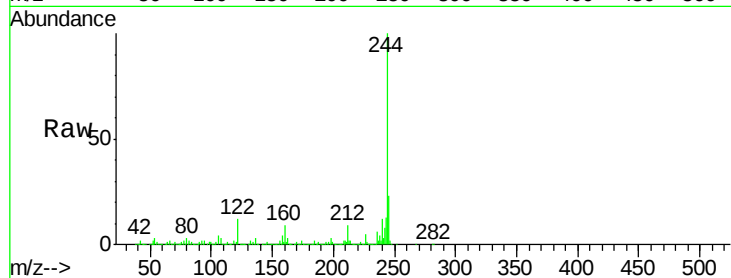
Tot Ion:244 Resp: 1781718

Ion Ratio Lower Upper

244 100

212 9.2 7.0 10.6

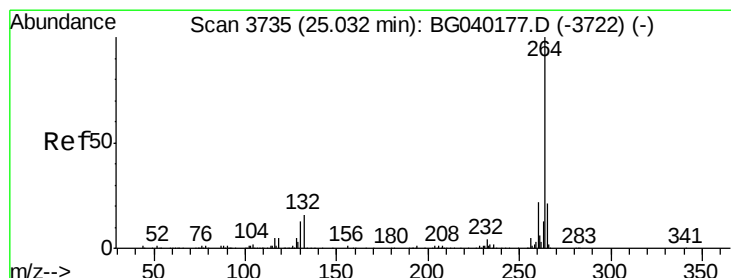
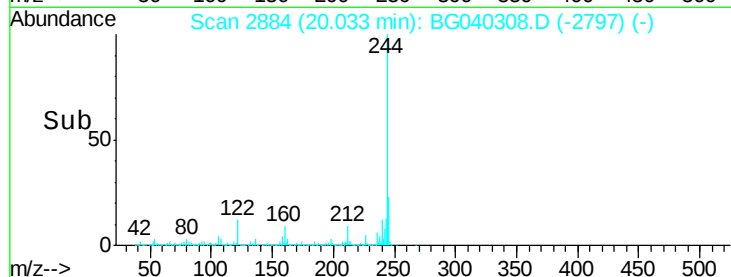
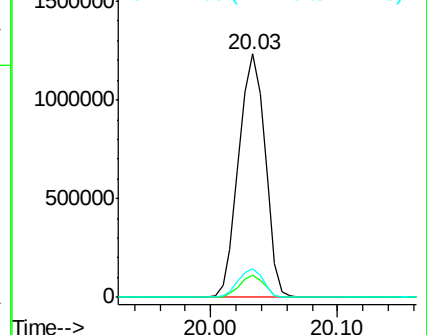
122 12.0 8.5 12.7



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: 25.02 min Scan# 3732

Delta R.T. -0.02 min

Lab File: BG040308.D

Acq: 2 Apr 2019 22:39

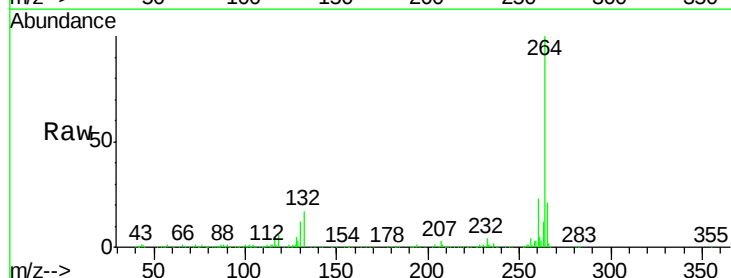
Tgt Ion:264 Resp: 501842

Ion Ratio Lower Upper

264 100

260 23.2 17.9 26.9

265 21.1 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

