

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031219\
 Data File : BG039885.D
 Acq On : 12 Mar 2019 22:12
 Operator : JU/SJ
 Sample : K1842-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C-MW-09_030719

Quant Time: Mar 13 05:50:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 05:34:05 2019
 Response via : Initial Calibration

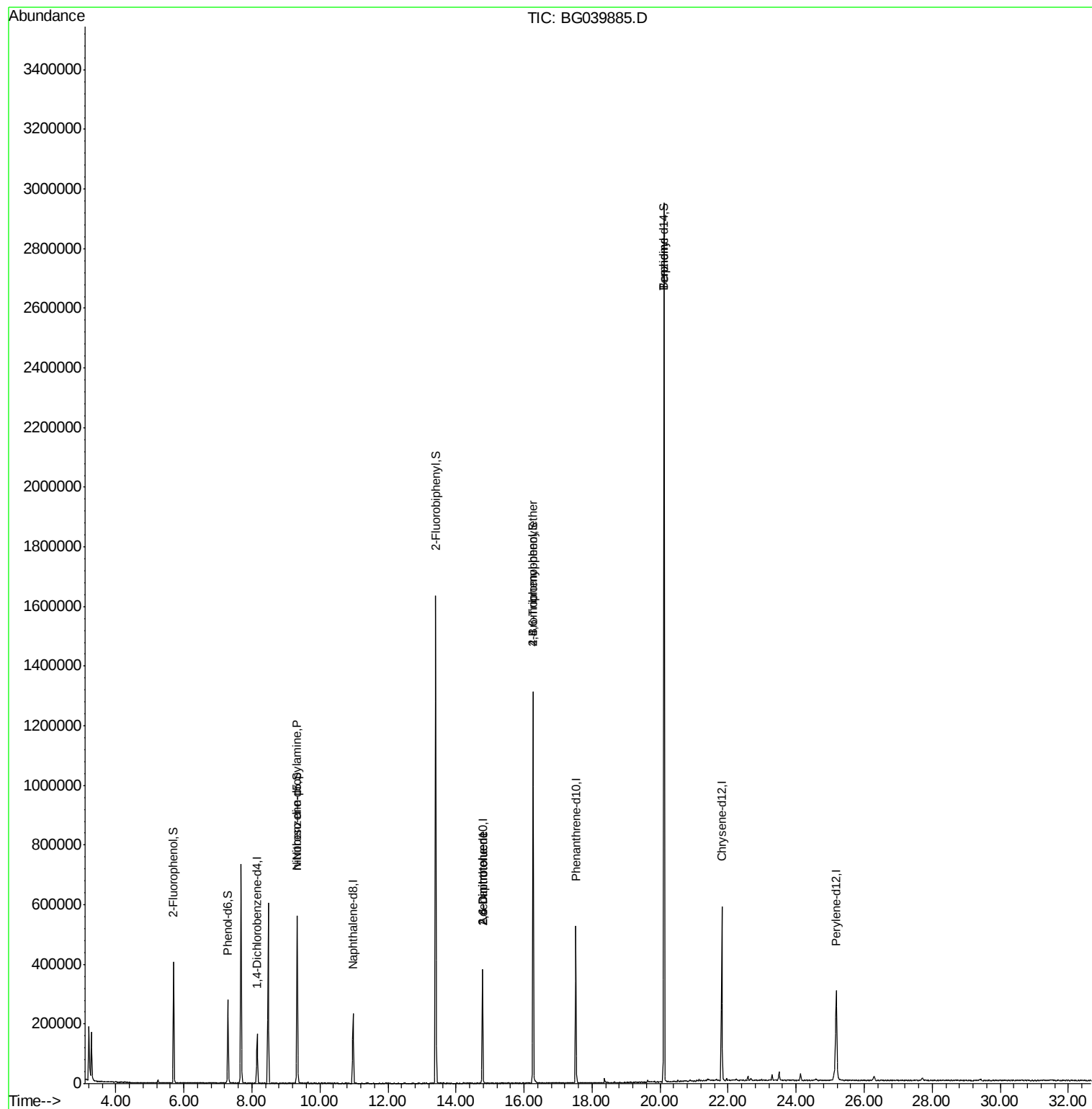
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	45872	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	193309	20.00	ng	0.00
39) Acenaphthene-d10	14.78	164	136809	20.00	ng	0.00
64) Phenanthrene-d10	17.52	188	338842	20.00	ng	0.00
76) Chrysene-d12	21.81	240	359180	20.00	ng	0.00
87) Perylene-d12	25.18	264	358913	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	170721	63.49	ng	0.00
7) Phenol-d6	7.30	99	158479	39.53	ng	0.00
23) Nitrobenzene-d5	9.33	82	337670	94.47	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	229466	143.90	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	839067	87.33	ng	0.00
79) Terphenyl-d14	20.11	244	1387927	85.08	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.33	70	43651	15.126	ng	# 66
51) 2,6-Dinitrotoluene	14.78	165	17553	7.238	ng	# 25
57) 2,4-Dinitrotoluene	14.78	165	17553	5.151	ng	# 20
67) 4-Bromophenyl-phenylether	16.27	248	18151	4.786	ng	# 1
77) Benzidine	20.12	184	25789	2.263	ng	# 95

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

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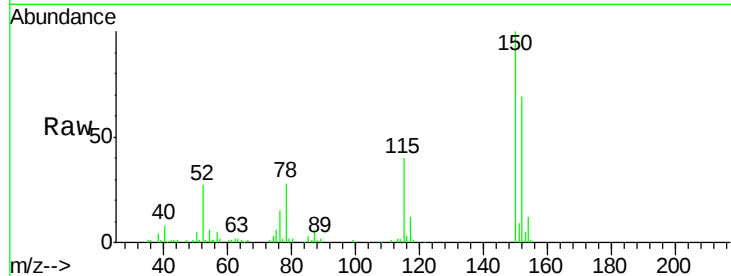


#1

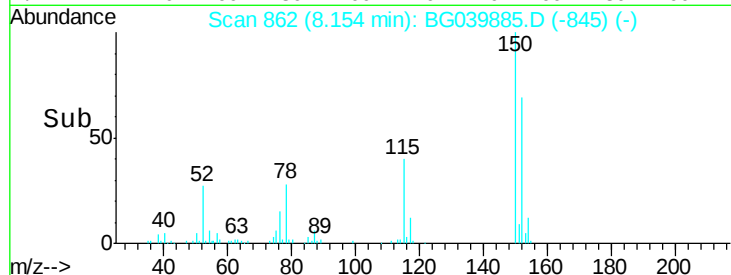
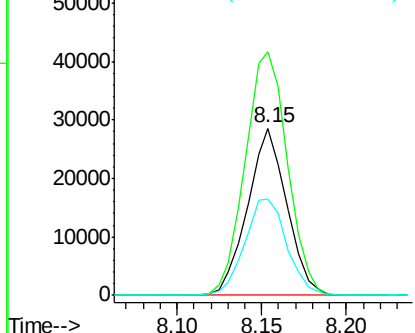
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.00 min
Lab File: BG039885.D
Acq: 12 Mar 2019 22:12

Instrument :
BNA_G
ClientSampleId :
C-MW-09_030719

Tgt Ion:152 Resp: 45872
Ion Ratio Lower Upper
152 100
150 145.5 123.7 185.5
115 57.5 45.9 68.9



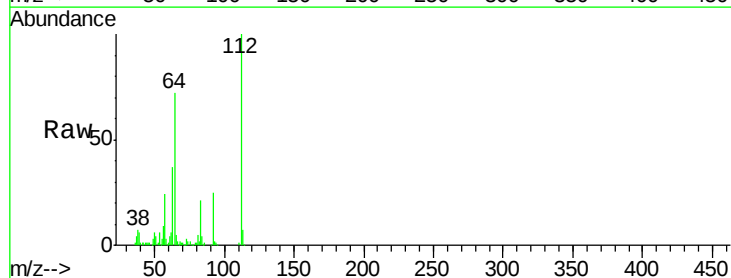
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



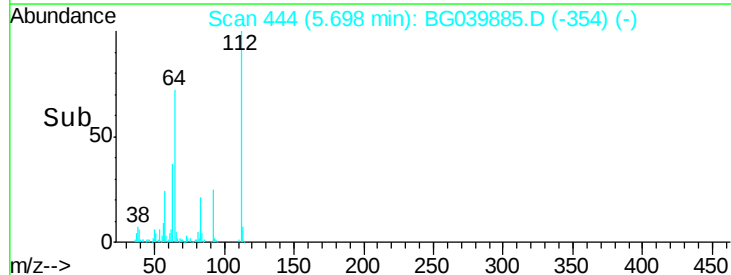
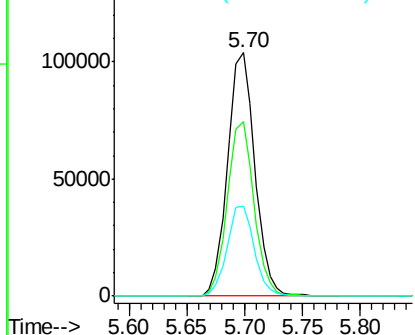
#5

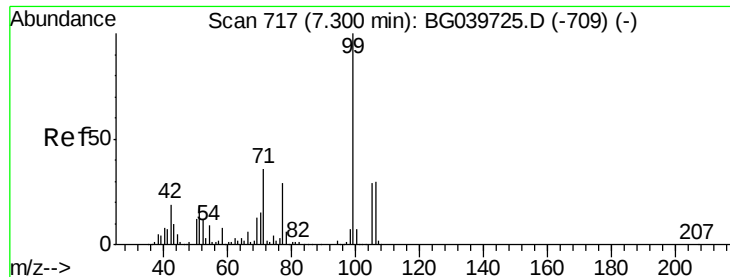
2-Fluorophenol
Concen: 63.492 ng
RT: 5.70 min Scan# 444
Delta R.T. -0.00 min
Lab File: BG039885.D
Acq: 12 Mar 2019 22:12

Tgt Ion:112 Resp: 170721
Ion Ratio Lower Upper
112 100
64 71.7 57.8 86.8
63 36.9 29.8 44.6



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: 39.529 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG039885.D

Acq: 12 Mar 2019 22:12

Instrument :

BNA_G

ClientSampleId :

C-MW-09_030719

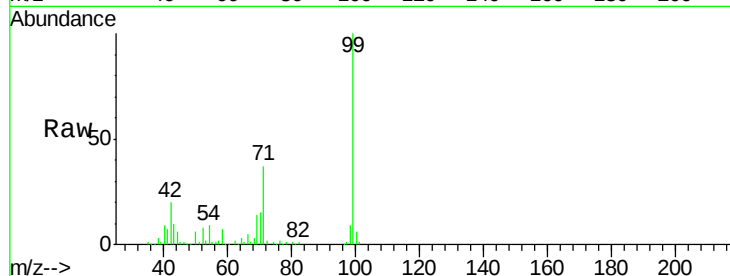
Tgt Ion: 99 Resp: 158479

Ion Ratio Lower Upper

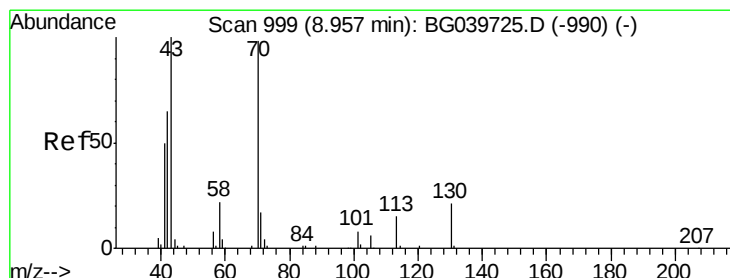
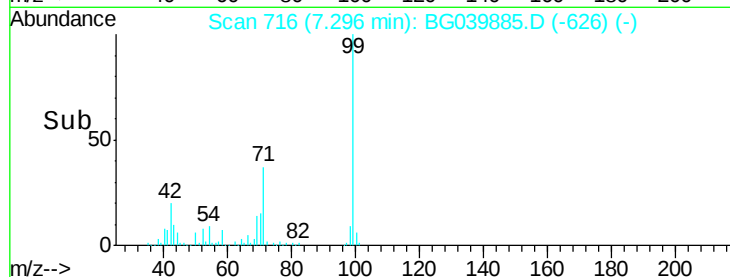
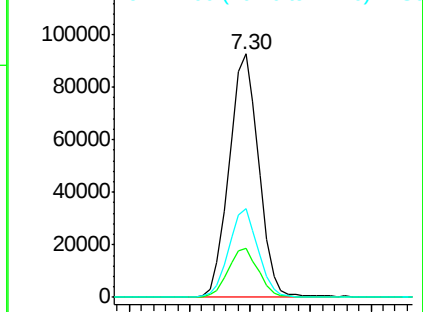
99 100

42 20.2 18.2 27.2

71 36.5 28.0 42.0



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: 15.126 ng

RT: 9.33 min Scan# 1063

Delta R.T. 0.38 min

Lab File: BG039885.D

Acq: 12 Mar 2019 22:12

Tgt Ion: 70 Resp: 43651

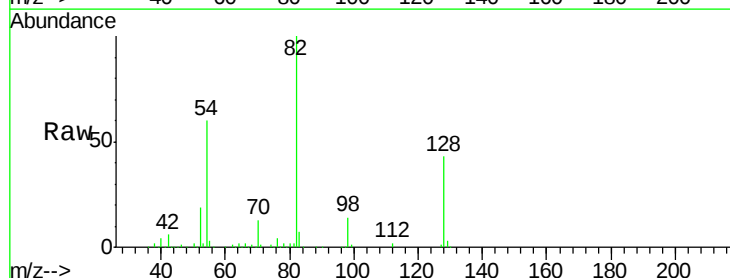
Ion Ratio Lower Upper

70 100

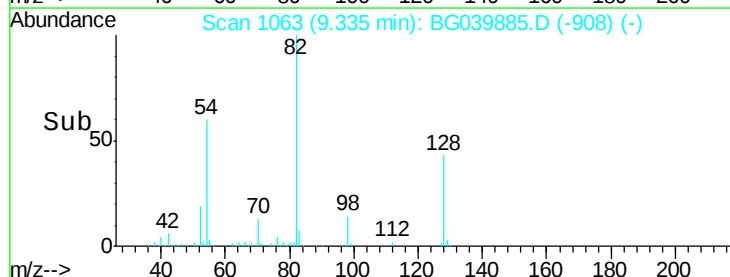
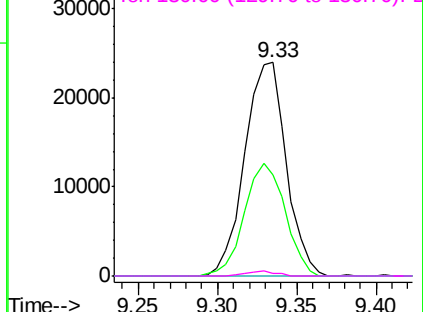
42 47.3 60.4 90.6#

101 0.0 7.5 11.3#

130 1.4 16.9 25.3#



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

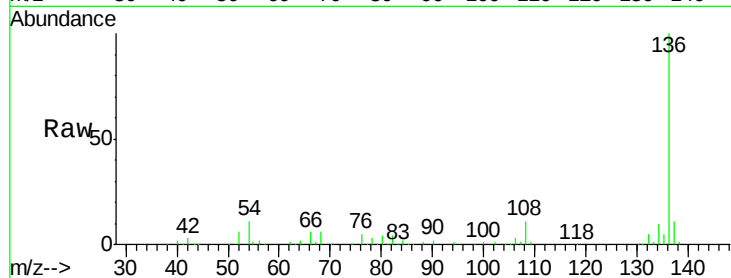




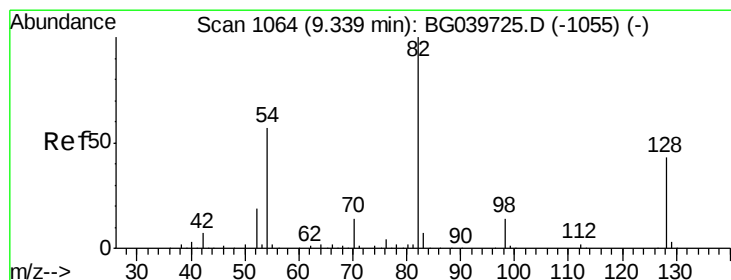
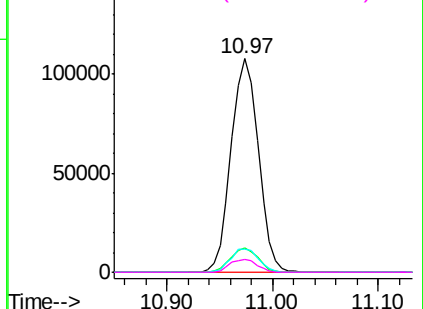
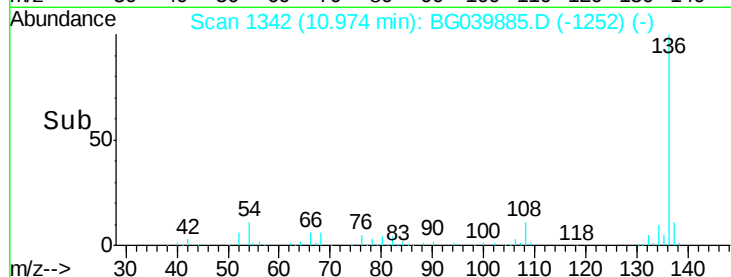
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BG039885.D
Acq: 12 Mar 2019 22:12

Instrument :
BNA_G
ClientSampleId :
C-MW-09_030719

Tgt Ion:	136	Resp:	193309
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	11.0	9.4	14.2
68	6.1	4.2	6.4

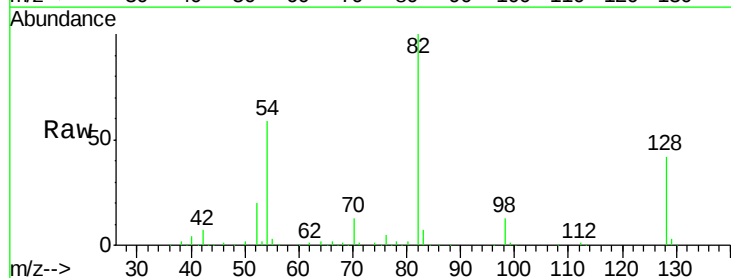


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

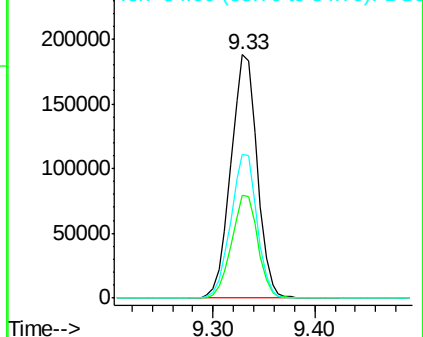
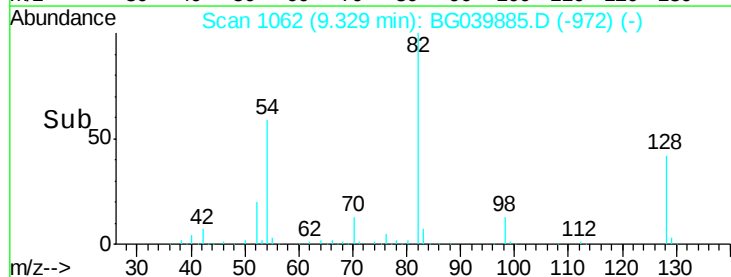


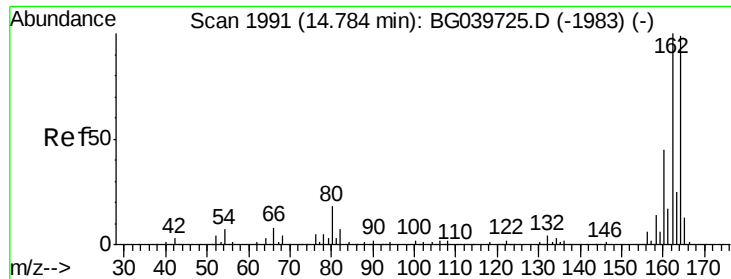
#23
Nitrobenzene-d5
Concen: 94.473 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.00 min
Lab File: BG039885.D
Acq: 12 Mar 2019 22:12

Tgt Ion:	82	Resp:	337670
Ion	Ratio	Lower	Upper
82	100		
128	42.0	31.3	46.9
54	59.2	50.9	76.3



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: 14.78 min Scan# 1990

Delta R.T. -0.00 min

Lab File: BG039885.D

Acq: 12 Mar 2019 22:12

Instrument :

BNA_G

ClientSampleId :

C-MW-09_030719

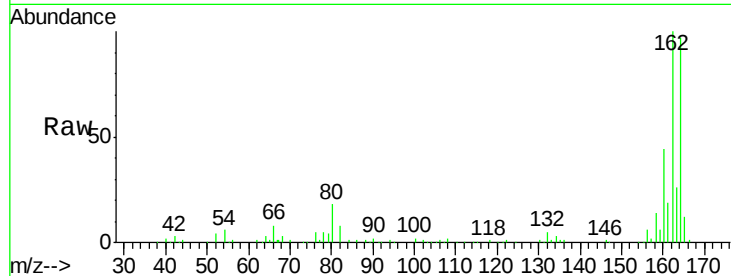
Tgt Ion:164 Resp: 136809

Ion Ratio Lower Upper

164 100

162 103.4 81.6 122.4

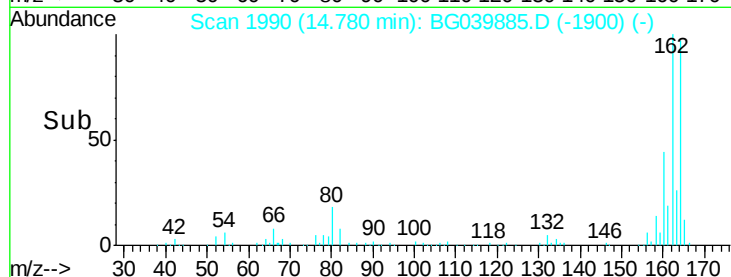
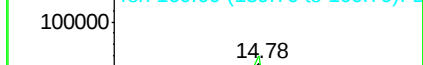
160 45.6 34.2 51.2



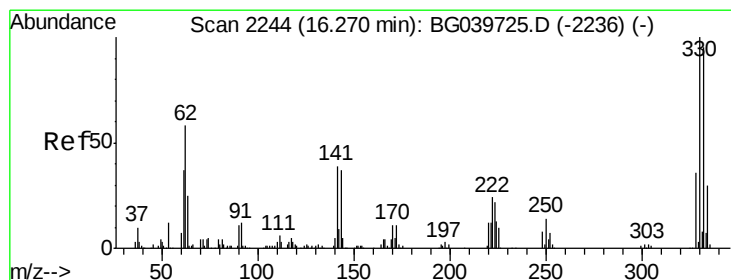
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->



#42

2,4,6-Tribromophenol

Concen: 143.901 ng

RT: 16.27 min Scan# 2243

Delta R.T. -0.00 min

Lab File: BG039885.D

Acq: 12 Mar 2019 22:12

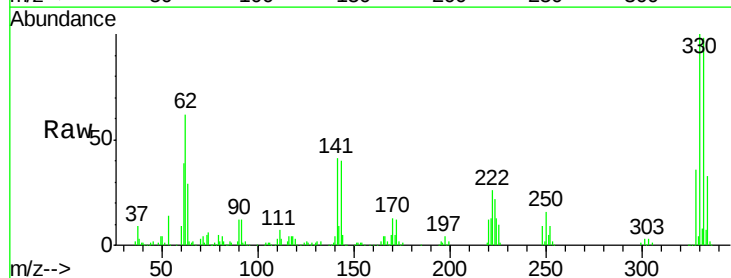
Tgt Ion:330 Resp: 229466

Ion Ratio Lower Upper

330 100

332 96.3 75.7 113.5

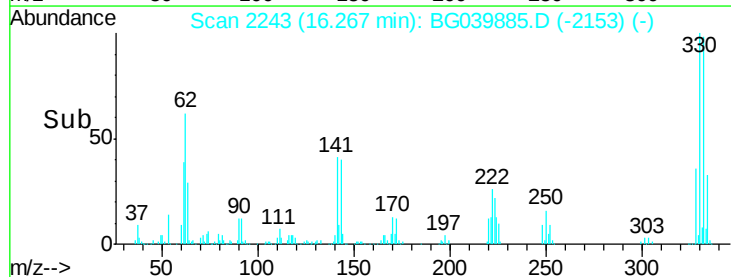
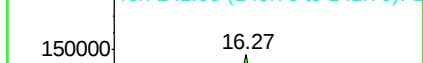
141 42.6 35.6 53.4



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



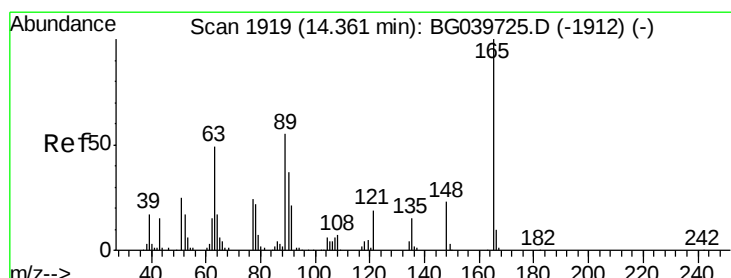
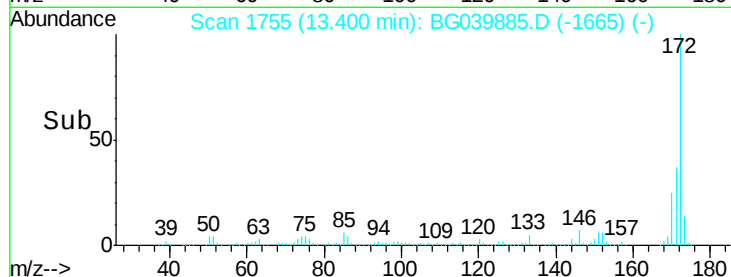
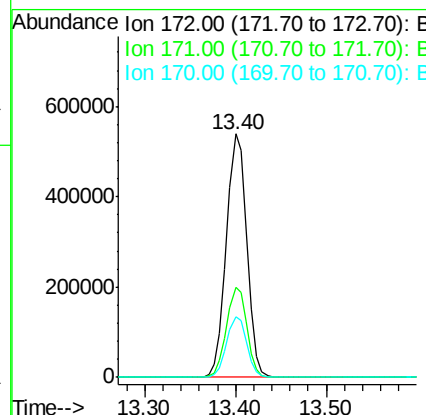
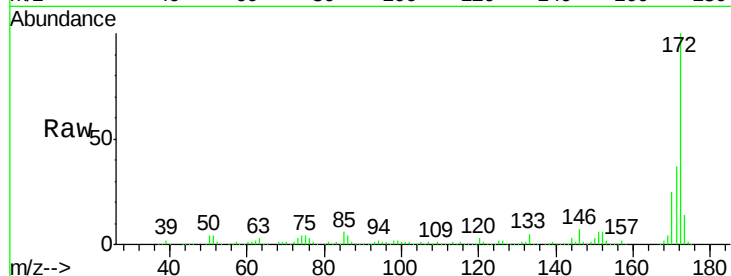
Time-->



#45
2-Fluorobiphenyl
Concen: 87.325 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.00 min
Lab File: BG039885.D
Acq: 12 Mar 2019 22:12

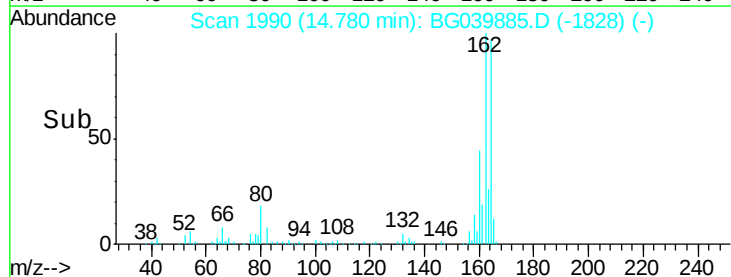
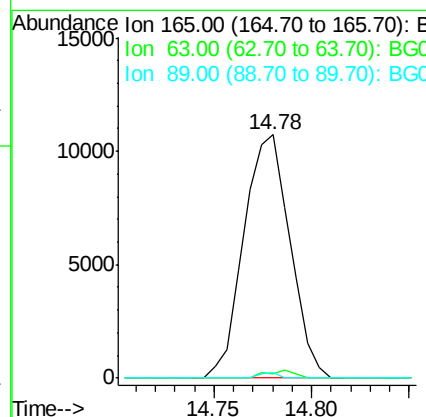
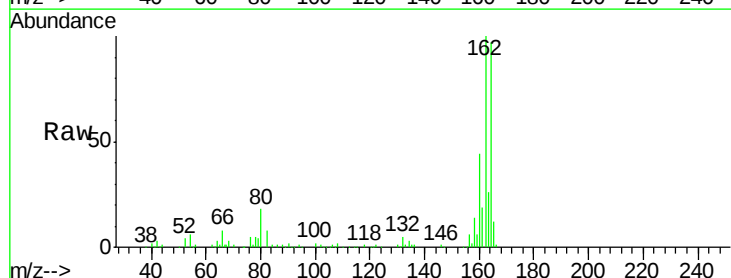
Instrument :
BNA_G
ClientSampleId :
C-MW-09_030719

Tgt Ion:172 Resp: 839067
Ion Ratio Lower Upper
172 100
171 36.9 30.8 46.2
170 24.9 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 7.238 ng
RT: 14.78 min Scan# 1990
Delta R.T. 0.42 min
Lab File: BG039885.D
Acq: 12 Mar 2019 22:12

Tgt Ion:165 Resp: 17553
Ion Ratio Lower Upper
165 100
63 1.8 47.0 70.6#
89 2.3 45.8 68.8#





#57

2,4-Dinitrotoluene

Concen: 5.151 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.36 min

Lab File: BG039885.D

Acq: 12 Mar 2019 22:12

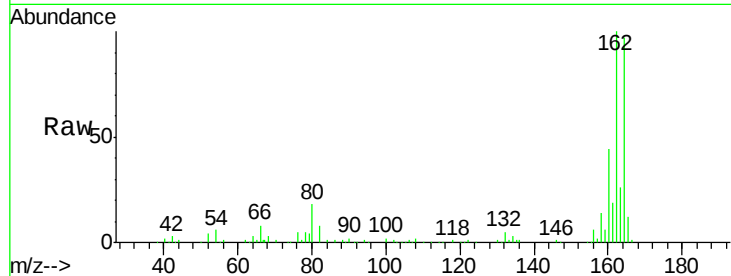
Instrument :

BNA_G

ClientSampleId :

C-MW-09_030719

Tgt Ion:	165	Resp:	17553
Ion	Ratio	Lower	Upper
165	100		
63	1.8	41.0	61.6#
89	2.3	64.6	96.8#
182	0.0	2.0	3.0#

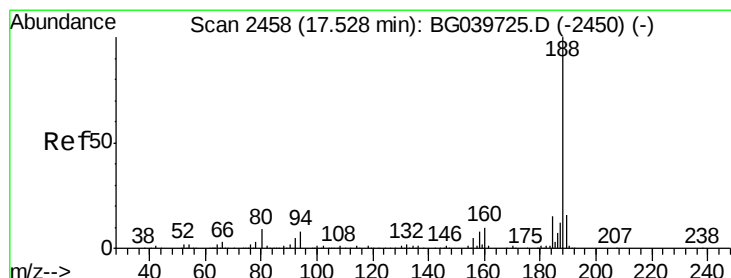
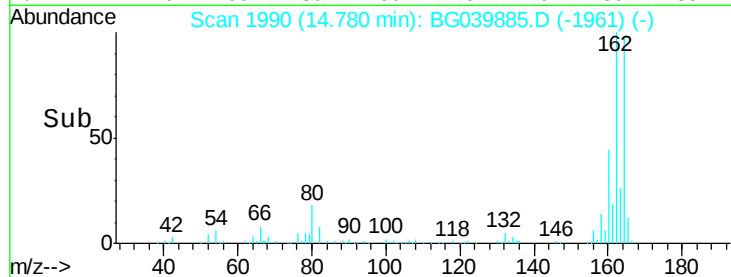
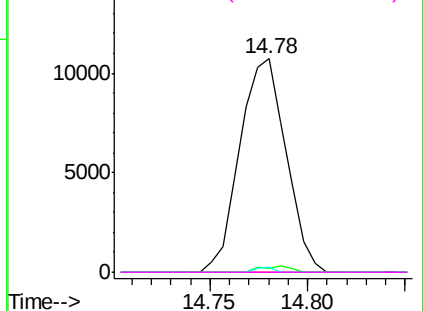


Abundance Ion 165.00 (164.70 to 165.70): E

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

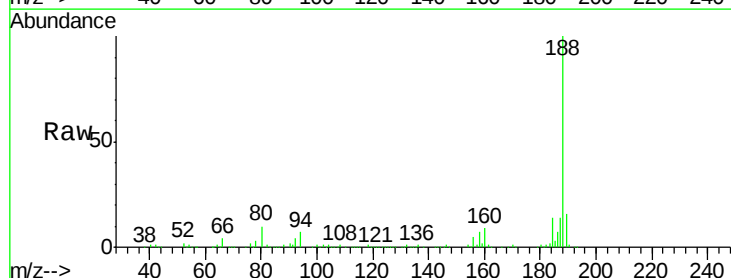
RT: 17.52 min Scan# 2457

Delta R.T. -0.00 min

Lab File: BG039885.D

Acq: 12 Mar 2019 22:12

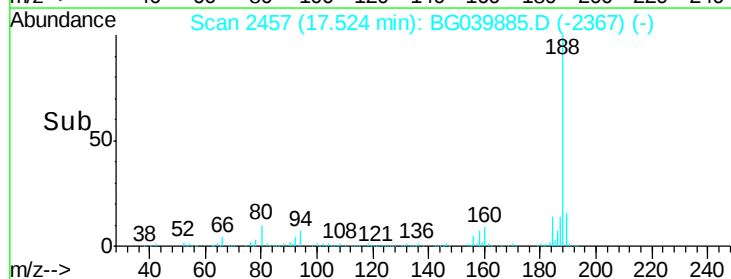
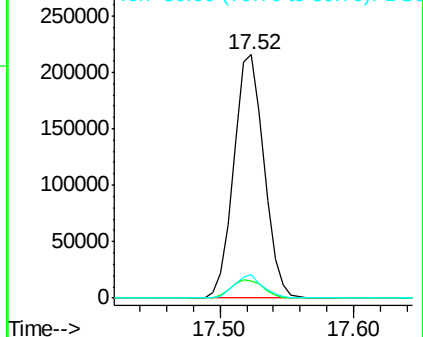
Tgt Ion:	188	Resp:	338842
Ion	Ratio	Lower	Upper
188	100		
94	7.0	6.9	10.3
80	9.5	8.1	12.1

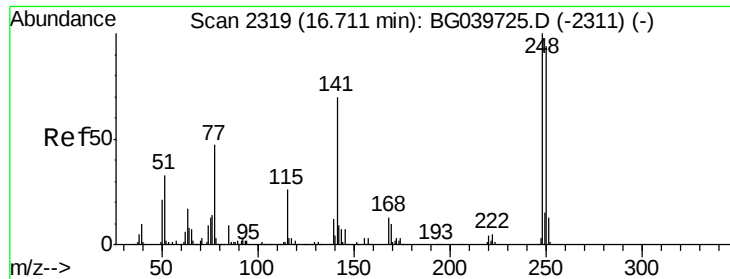


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

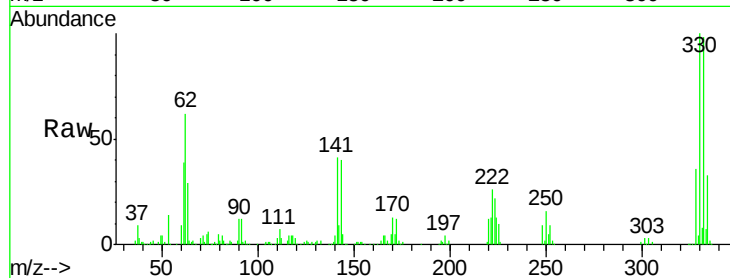




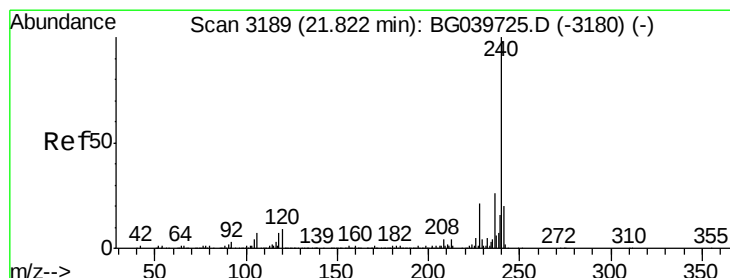
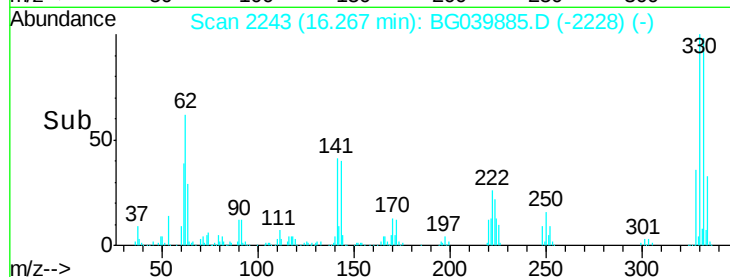
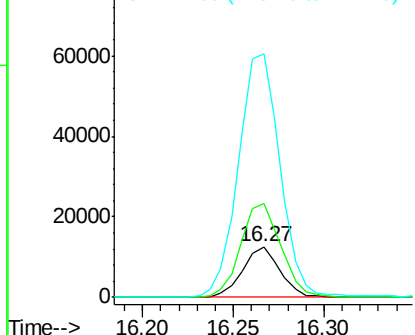
#67
 4-Bromophenyl-phenylether
 Concen: 4.786 ng
 RT: 16.27 min Scan# 2243
 Delta R.T. -0.44 min
 Lab File: BG039885.D
 Acq: 12 Mar 2019 22:12

Instrument :
 BNA_G
 ClientSampleId :
 C-MW-09_030719

Tgt Ion:248 Resp: 18151
 Ion Ratio Lower Upper
 248 100
 250 185.2 77.6 116.4#
 141 477.6 63.9 95.9#

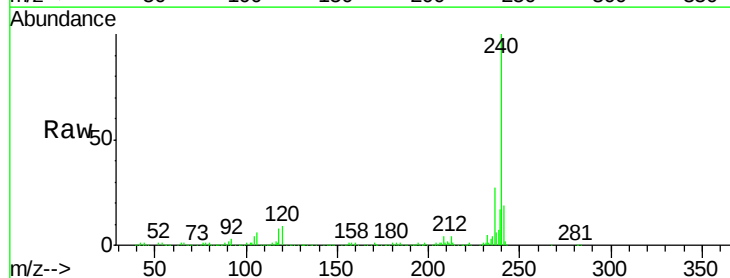


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

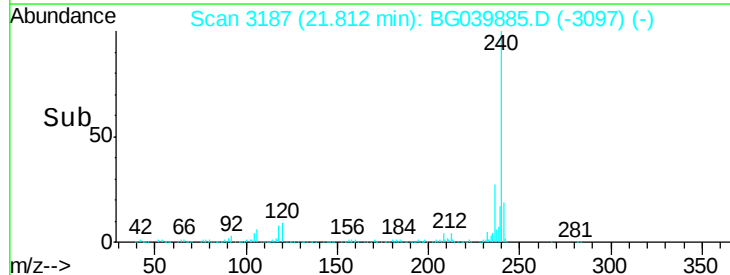
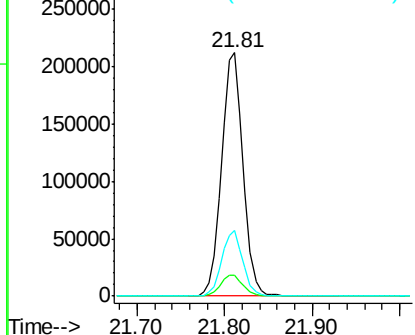


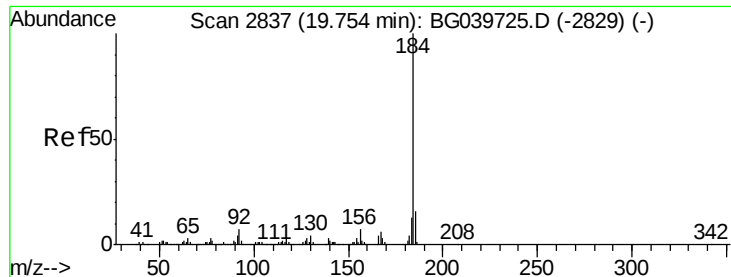
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.81 min Scan# 3187
 Delta R.T. -0.00 min
 Lab File: BG039885.D
 Acq: 12 Mar 2019 22:12

Tgt Ion:240 Resp: 359180
 Ion Ratio Lower Upper
 240 100
 120 8.6 7.0 10.6
 236 26.9 21.0 31.4



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





#77

Benzidine

Concen: 2.263 ng

RT: 20.12 min Scan# 2899

Delta R.T. 0.37 min

Lab File: BG039885.D

Acq: 12 Mar 2019 22:12

Instrument :

BNA_G

ClientSampleId :

C-MW-09_030719

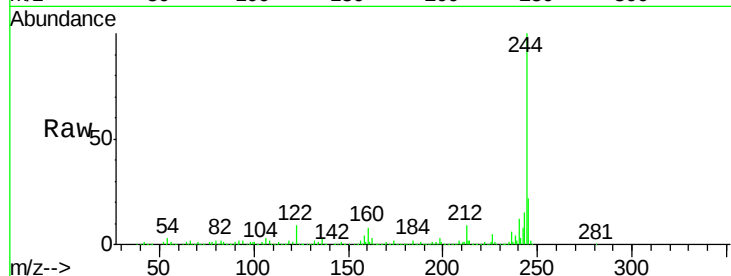
Tgt Ion:184 Resp: 25789

Ion Ratio Lower Upper

184 100

185 15.5 12.2 18.2

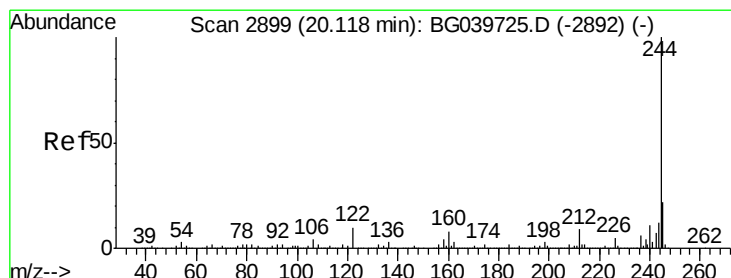
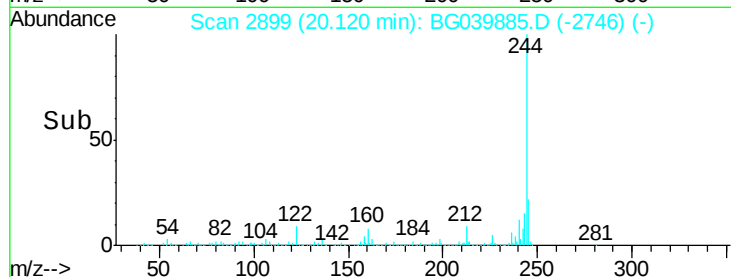
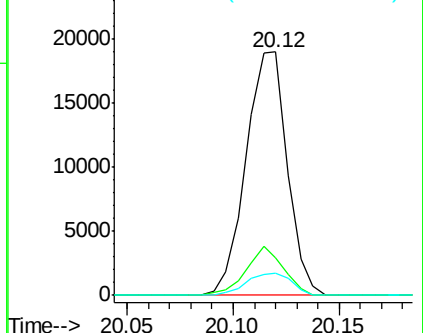
183 8.9 10.6 15.8#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 85.081 ng

RT: 20.11 min Scan# 2898

Delta R.T. -0.00 min

Lab File: BG039885.D

Acq: 12 Mar 2019 22:12

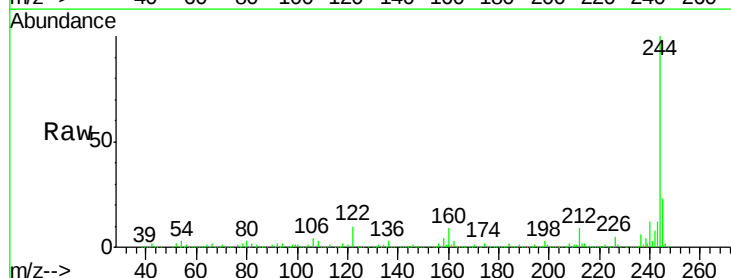
Tgt Ion:244 Resp: 1387927

Ion Ratio Lower Upper

244 100

212 9.5 7.3 10.9

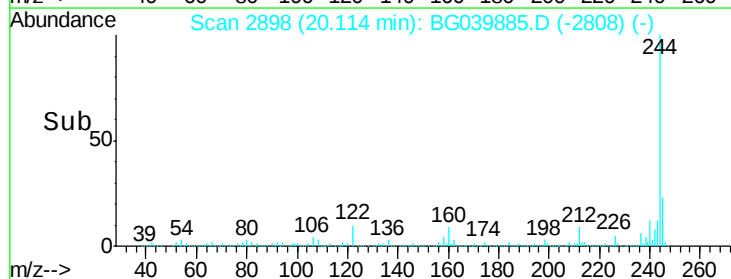
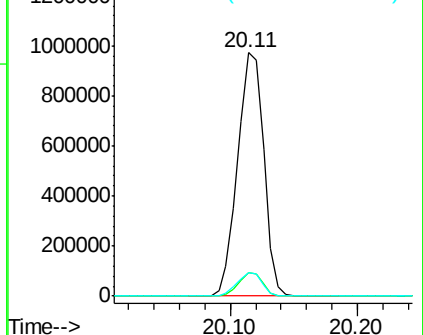
122 9.7 8.4 12.6

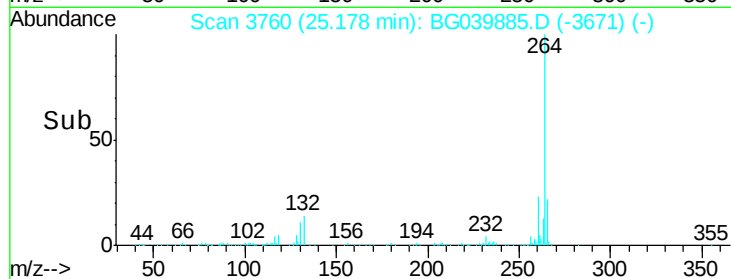
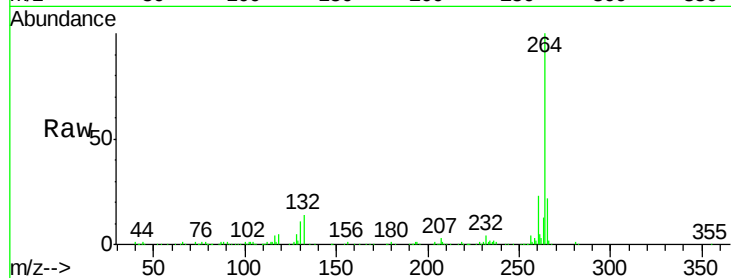
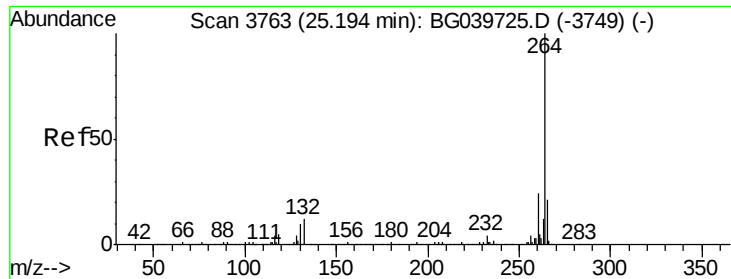


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.18 min Scan# 3760

Delta R.T. -0.01 min

Lab File: BG039885.D

Acq: 12 Mar 2019 22:12

Instrument :

BNA_G

ClientSampleId :

C-MW-09_030719

Tgt Ion:264 Resp: 358913

Ion Ratio Lower Upper

264 100

260 22.9 18.2 27.4

265 22.2 18.5 27.7

