

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061219\
 Data File : BG041214.D
 Acq On : 12 Jun 2019 20:07
 Operator : HP/JU
 Sample : K3265-13
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-01

Quant Time: Jun 13 05:37:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 23:08:34 2019
 Response via : Initial Calibration

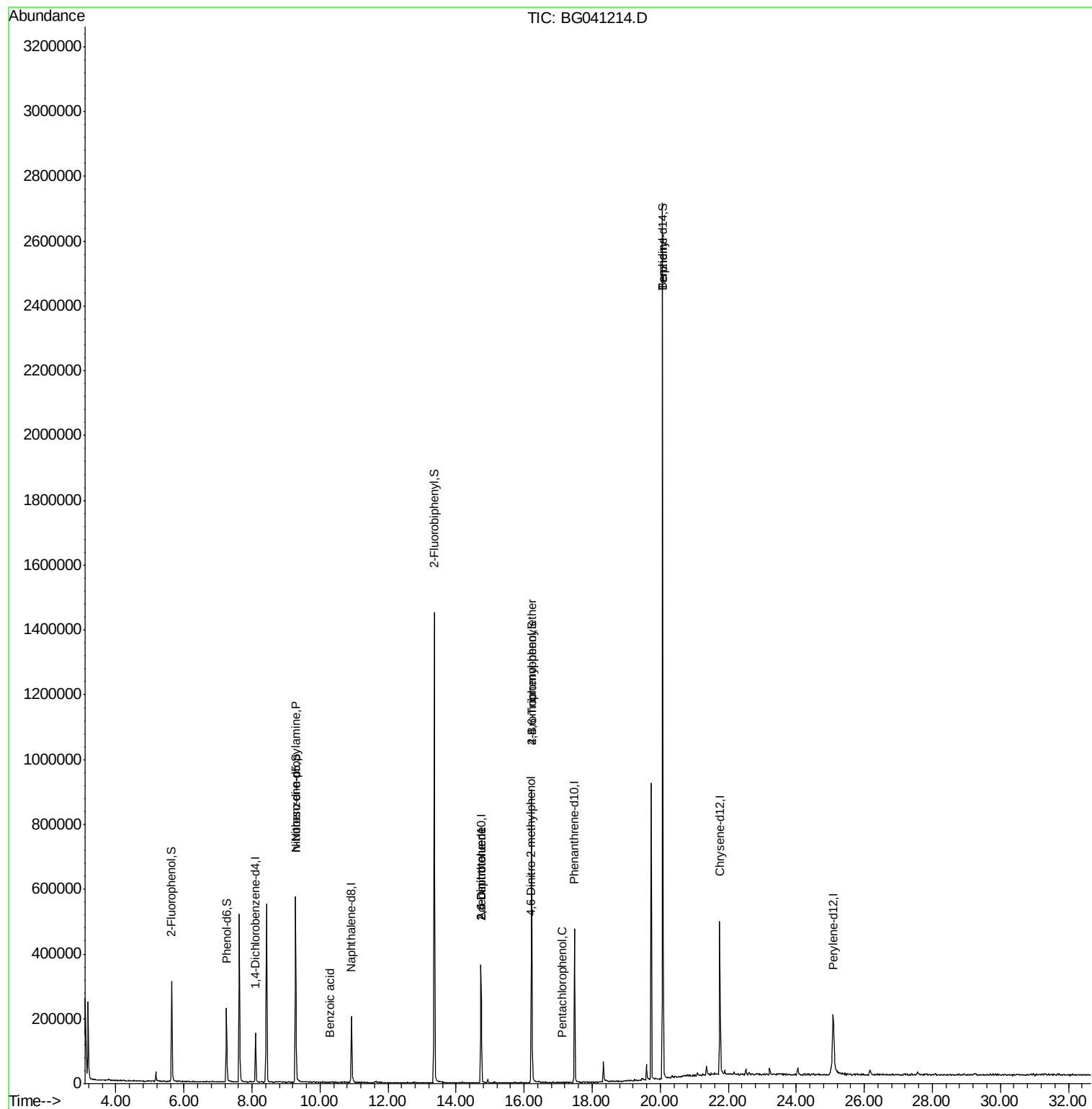
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	40428	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	170402	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	127459	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	320739	20.00	ng	0.00
76) Chrysene-d12	21.75	240	309800	20.00	ng	0.00
87) Perylene-d12	25.08	264	291947	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	129972	57.97	ng	0.00
7) Phenol-d6	7.25	99	127438	36.80	ng	0.00
23) Nitrobenzene-d5	9.28	82	359122	93.56	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	176945	93.51	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	744847	84.16	ng	0.00
79) Terphenyl-d14	20.07	244	1315208	90.10	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.28	70	50743	19.043	ng	# 75
32) Benzoic acid	10.28	122	68	8.157	ng	# 1
51) 2,6-Dinitrotoluene	14.74	165	17110	7.355	ng	# 20
57) 2,4-Dinitrotoluene	14.74	165	17110	5.207	ng	# 22
65) 4,6-Dinitro-2-methylphenol	16.20	198	147	8.660	ng	# 36
67) 4-Bromophenyl-phenylether	16.22	248	13216	3.053	ng	# 1
70) Pentachlorophenol	17.12	266	54	4.277	ng	# 18
77) Benzidine	20.07	184	21996	2.976	ng	# 95

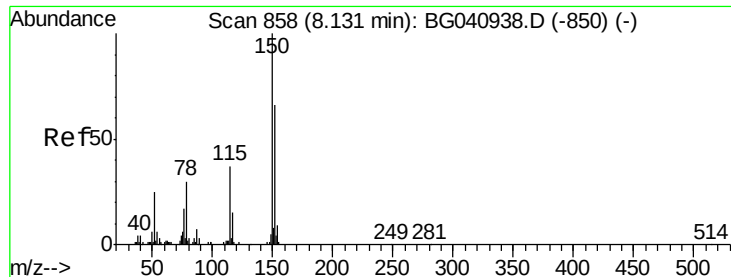
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061219\
Data File : BG041214.D
Acq On : 12 Jun 2019 20:07
Operator : HP/JU
Sample : K3265-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
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Quant Time: Jun 13 05:37:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
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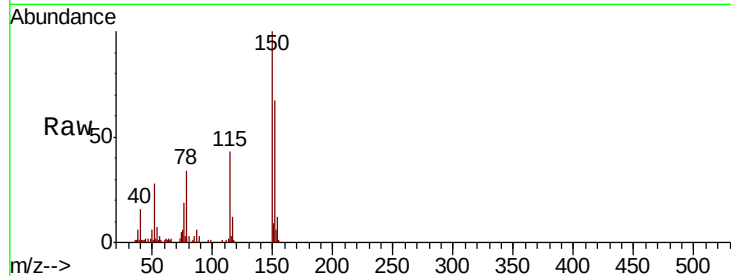


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.10 min Scan# 853
 Delta R.T. -0.01 min
 Lab File: BG041214.D
 Acq: 12 Jun 2019 20:07

Instrument :
 BNA_G
 ClientSampleId :
 MW-01

Tgt Ion	Ratio	Lower	Upper
152	100		
150	150.1	120.6	180.8
115	64.9	45.1	67.7

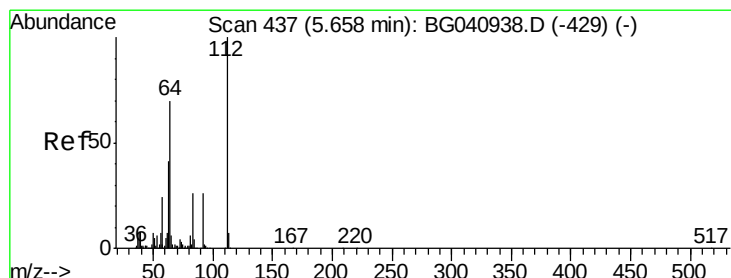
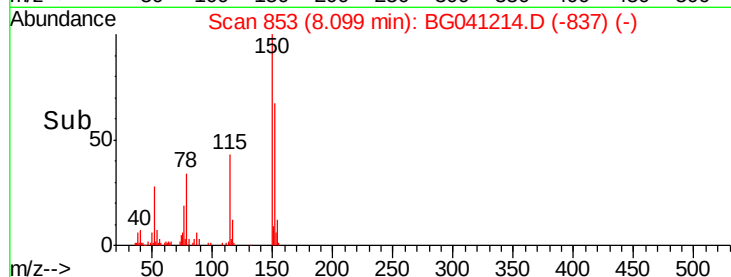
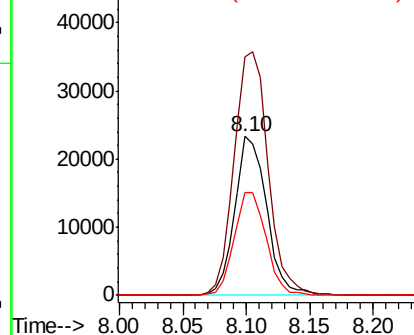


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

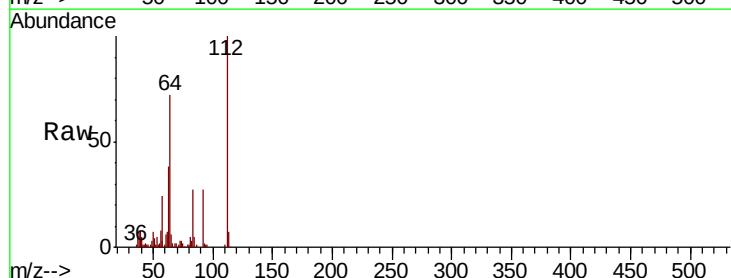
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 57.971 ng
 RT: 5.64 min Scan# 435
 Delta R.T. 0.01 min
 Lab File: BG041214.D
 Acq: 12 Jun 2019 20:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.7	56.2	84.2
63	38.4	32.8	49.2

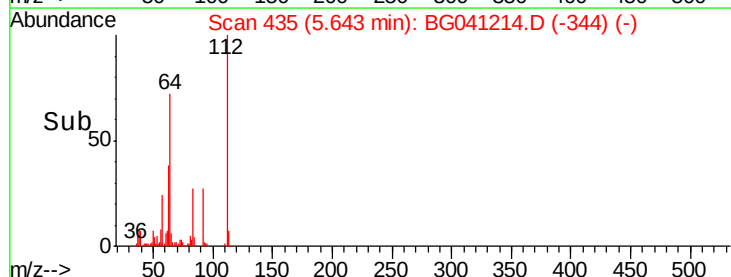
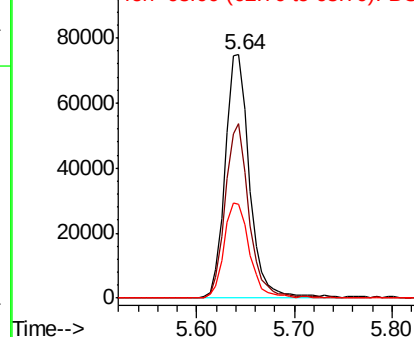


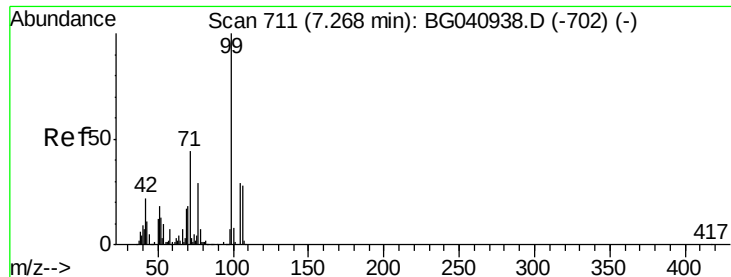
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 36.805 ng

RT: 7.25 min Scan# 709

Delta R.T. 0.01 min

Lab File: BG041214.D

Acq: 12 Jun 2019 20:07

Instrument :

BNA_G

ClientSampleId :

MW-01

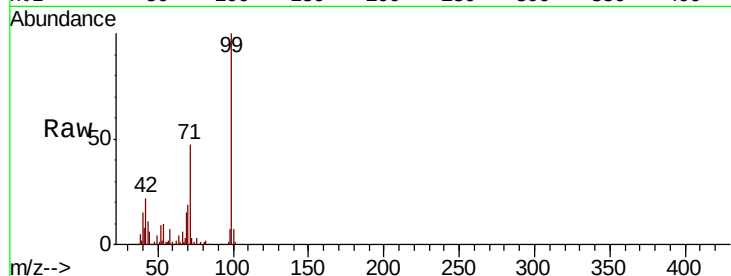
Tgt Ion: 99 Resp: 127438

Ion Ratio Lower Upper

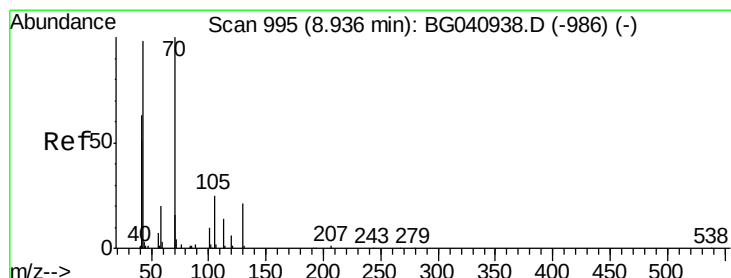
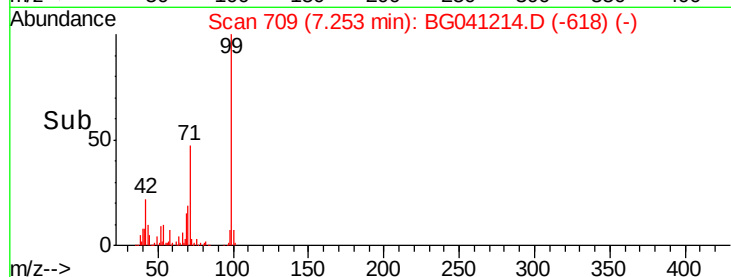
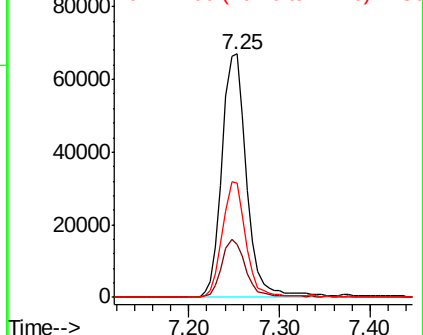
99 100

42 21.5 17.9 26.9

71 46.8 35.4 53.0



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: 19.043 ng

RT: 9.28 min Scan# 1054

Delta R.T. 0.37 min

Lab File: BG041214.D

Acq: 12 Jun 2019 20:07

Tgt Ion: 70 Resp: 50743

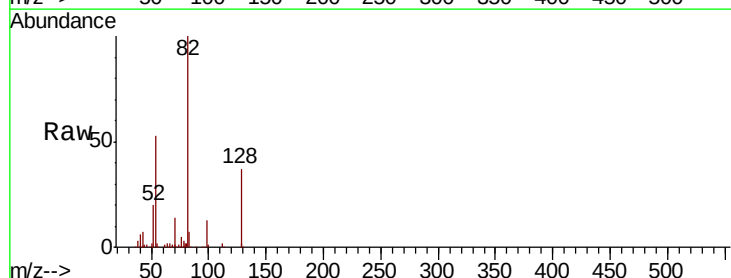
Ion Ratio Lower Upper

70 100

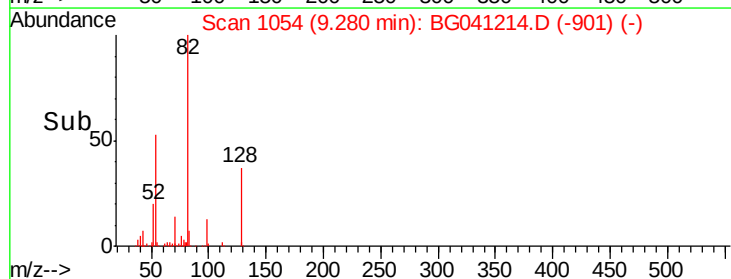
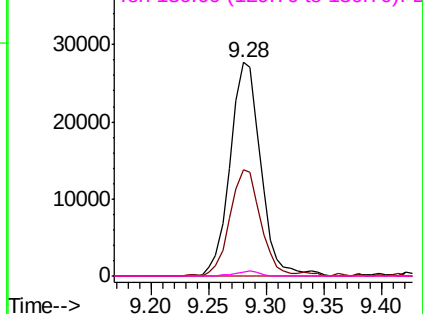
42 49.5 51.5 77.3#

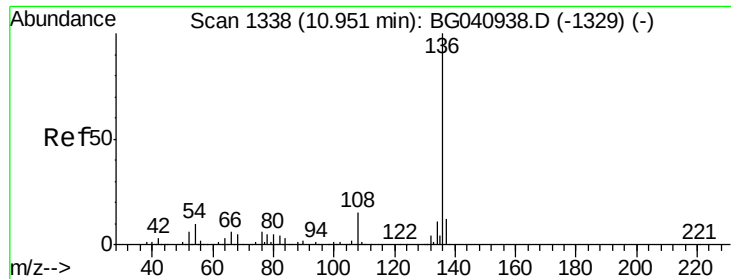
101 0.0 8.1 12.1#

130 1.7 16.6 24.8#



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

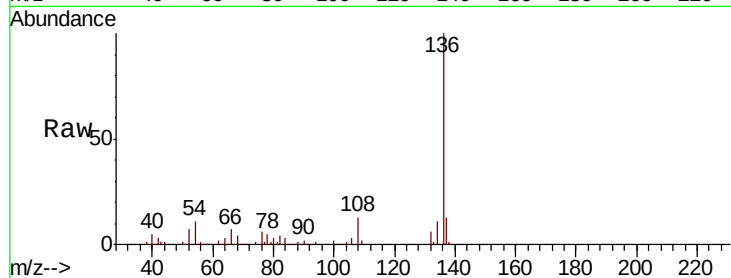




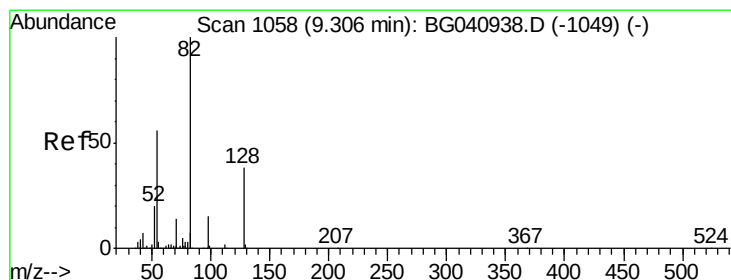
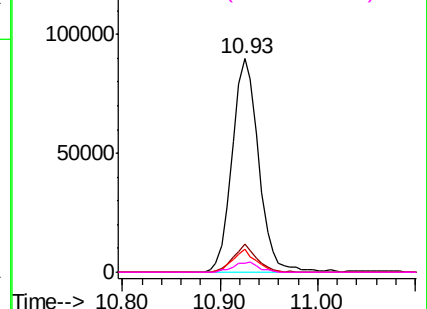
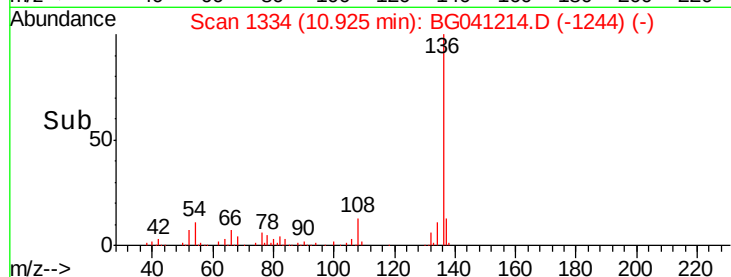
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BG041214.D
Acq: 12 Jun 2019 20:07

Instrument :
BNA_G
ClientSampleId :
MW-01

Tgt Ion:	136	Resp:	170402
Ion	Ratio	Lower	Upper
136	100		
137	13.4	9.5	14.3
54	10.8	7.6	11.4
68	4.3	3.9	5.9

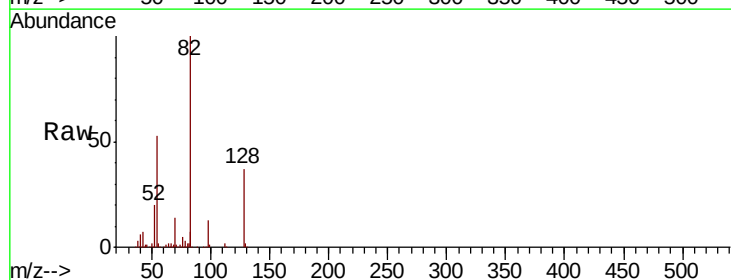


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

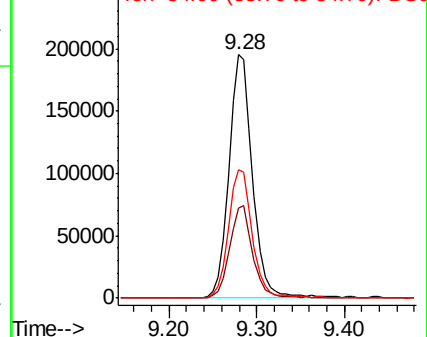
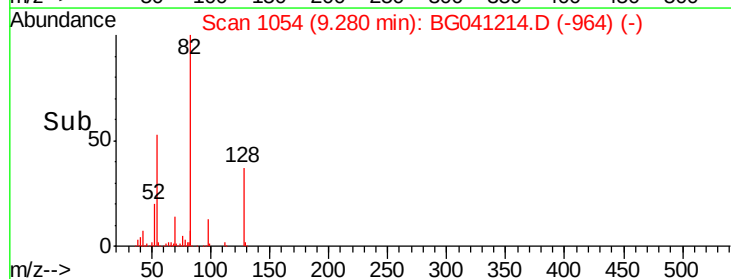


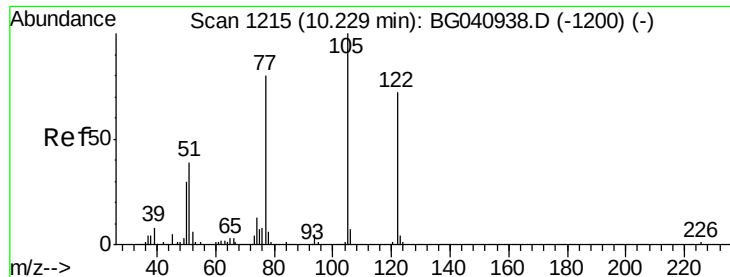
#23
Nitrobenzene-d5
Concen: 93.560 ng
RT: 9.28 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BG041214.D
Acq: 12 Jun 2019 20:07

Tgt Ion:	82	Resp:	359122
Ion	Ratio	Lower	Upper
82	100		
128	36.9	30.5	45.7
54	52.8	44.6	66.8



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





#32

Benzoic acid

Concen: 8.157 ng

RT: 10.28 min Scan# 1225

Delta R.T. 0.06 min

Lab File: BG041214.D

Acq: 12 Jun 2019 20:07

Instrument :

BNA_G

ClientSampled :

MW-01

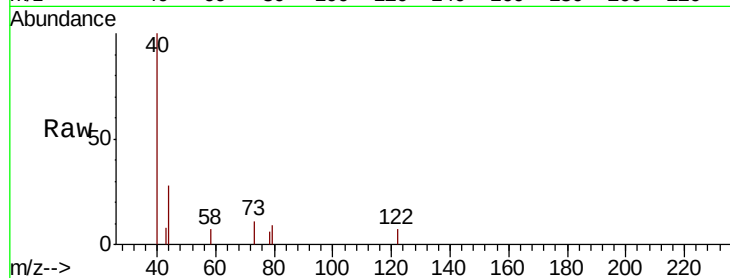
Tgt Ion:122 Resp: 68

Ion Ratio Lower Upper

122 100

105 0.0 114.8 154.8#

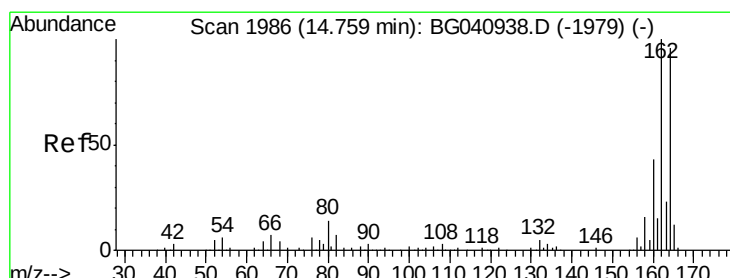
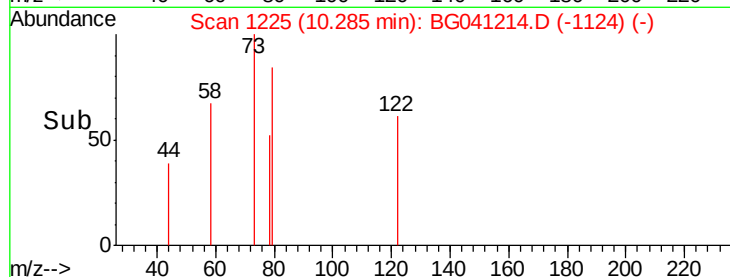
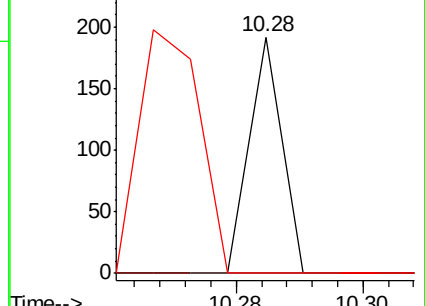
77 0.0 89.9 129.9#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BG041214.D

Acq: 12 Jun 2019 20:07

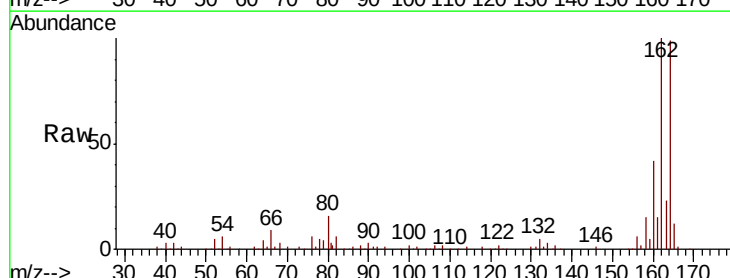
Tgt Ion:164 Resp: 127459

Ion Ratio Lower Upper

164 100

162 101.2 83.0 124.4

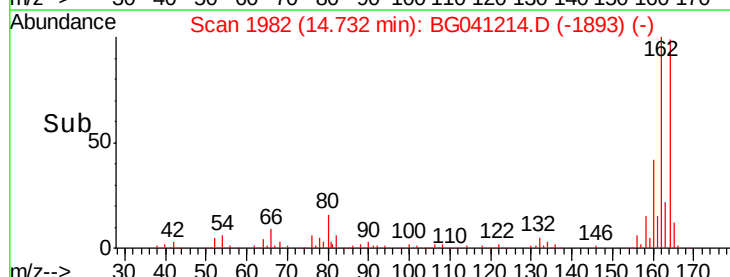
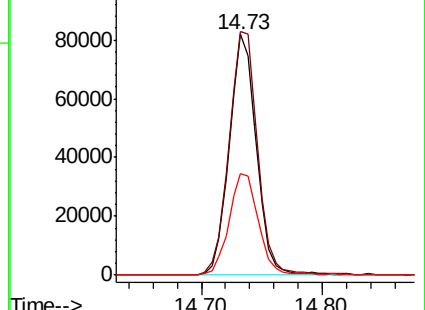
160 42.3 35.6 53.4

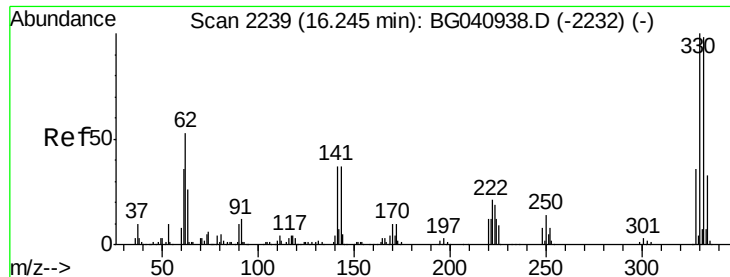


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

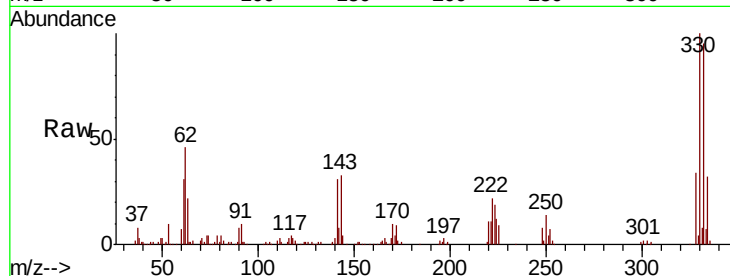




#42
 2,4,6-Tribromophenol
 Concen: 93.512 ng
 RT: 16.22 min Scan# 2236
 Delta R.T. -0.00 min
 Lab File: BG041214.D
 Acq: 12 Jun 2019 20:07

Instrument :
 BNA_G
 ClientSampled :
 MW-01

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	78.5	117.7
141	35.7	28.7	43.1

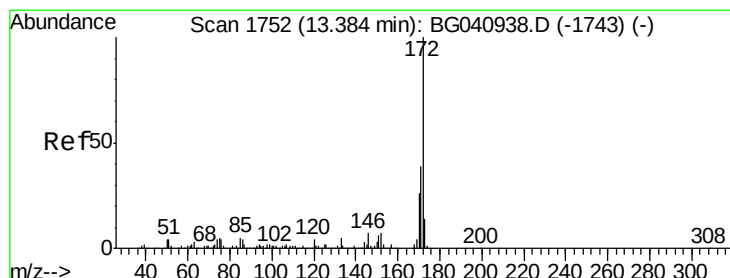
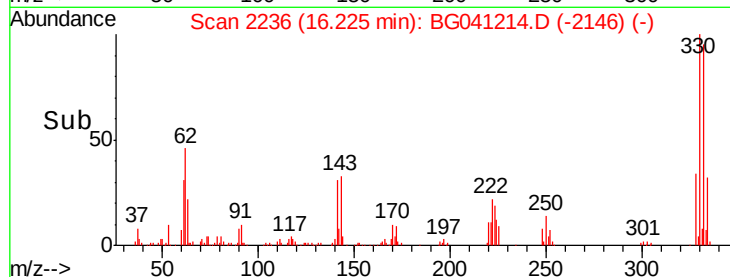
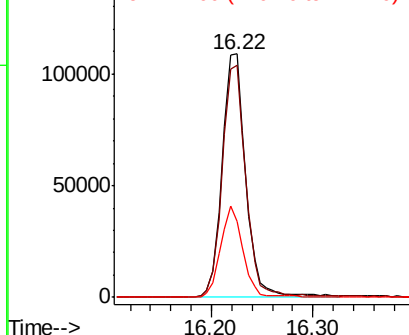


Abundance

Ion 329.80 (329.50 to 330.50): E

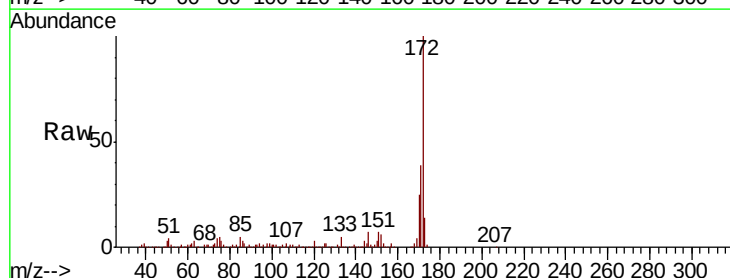
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 84.157 ng
 RT: 13.36 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: BG041214.D
 Acq: 12 Jun 2019 20:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.8	31.1	46.7
170	24.8	20.5	30.7

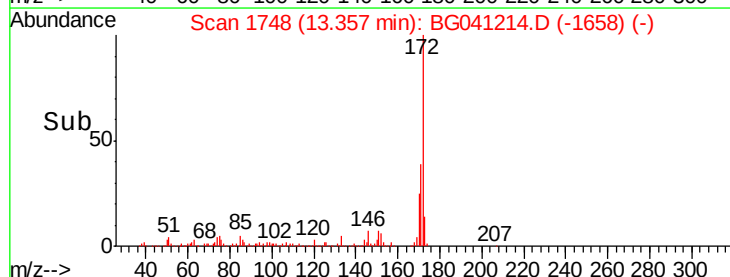
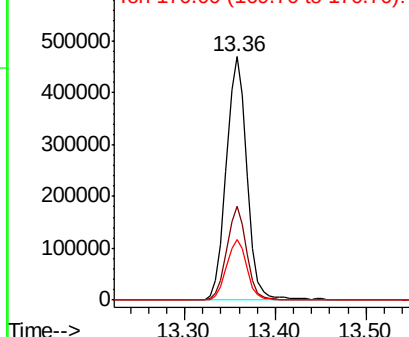


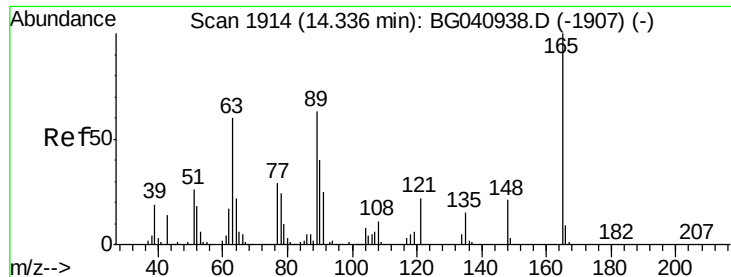
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

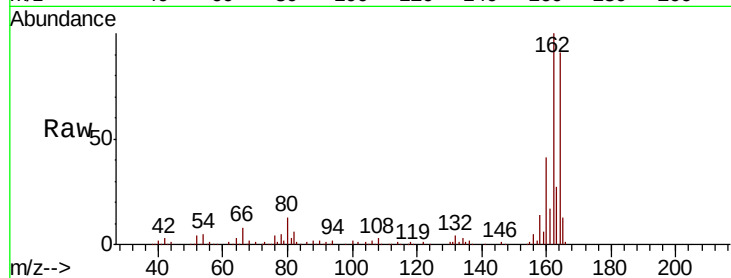




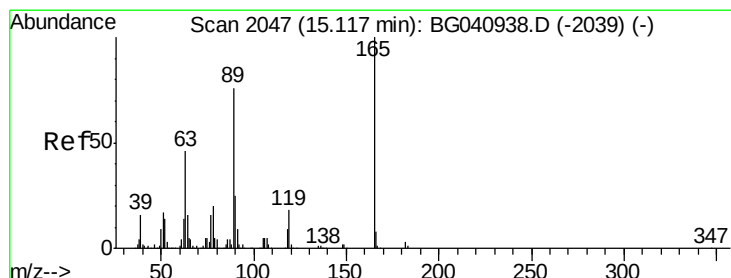
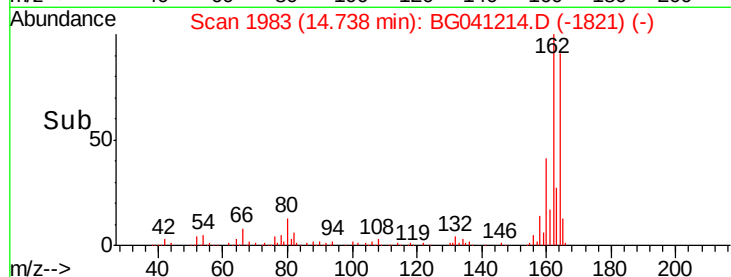
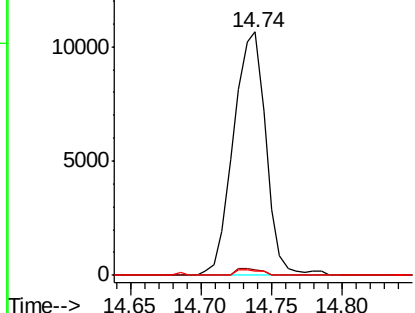
#51
 2,6-Dinitrotoluene
 Concen: 7.355 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. 0.42 min
 Lab File: BG041214.D
 Acq: 12 Jun 2019 20:07

Instrument :
 BNA_G
 ClientSampled :
 MW-01

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.4	53.6	80.4#
89	1.6	50.4	75.6#

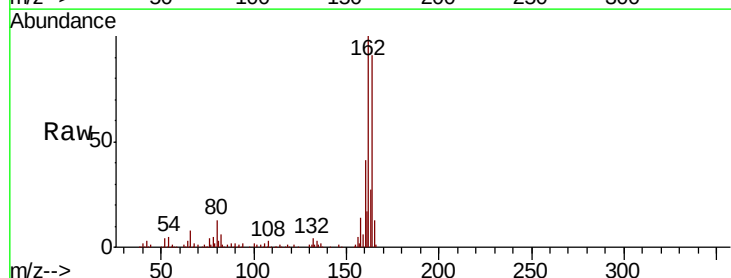


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

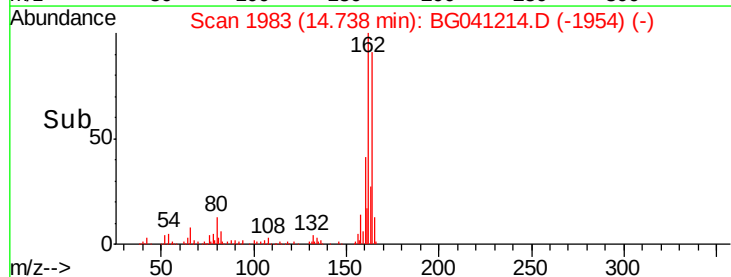
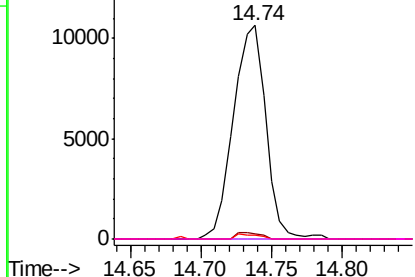


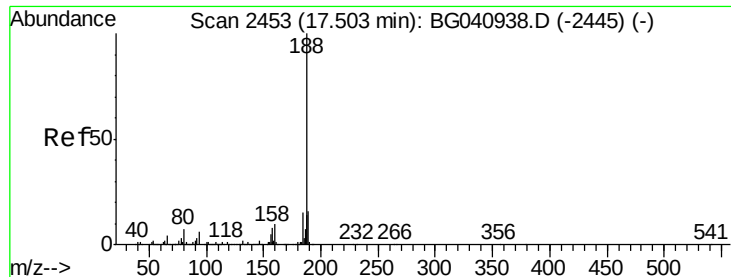
#57
 2,4-Dinitrotoluene
 Concen: 5.207 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.36 min
 Lab File: BG041214.D
 Acq: 12 Jun 2019 20:07

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.4	37.3	55.9#
89	1.6	61.0	91.6#
182	0.0	2.2	3.2#



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: 17.48 min Scan# 2450

Delta R.T. -0.00 min

Lab File: BG041214.D

Acq: 12 Jun 2019 20:07

Instrument :

BNA_G

ClientSampleId :

MW-01

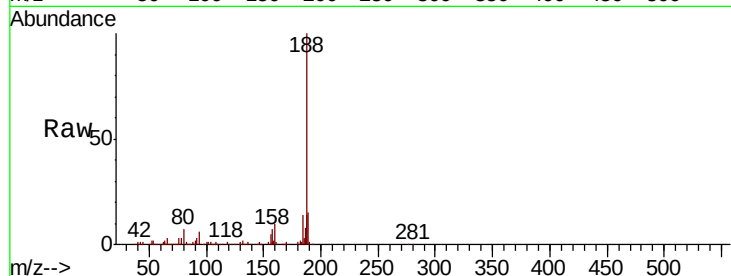
Tgt Ion:188 Resp: 320739

Ion Ratio Lower Upper

188 100

94 5.7 4.7 7.1

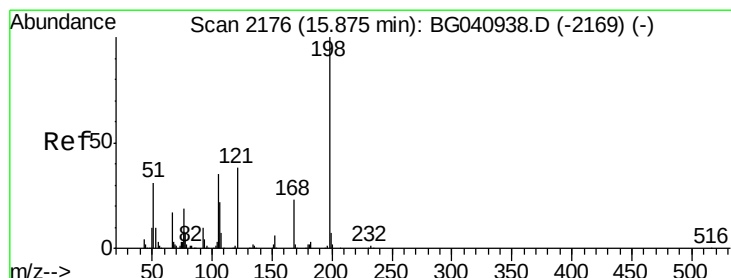
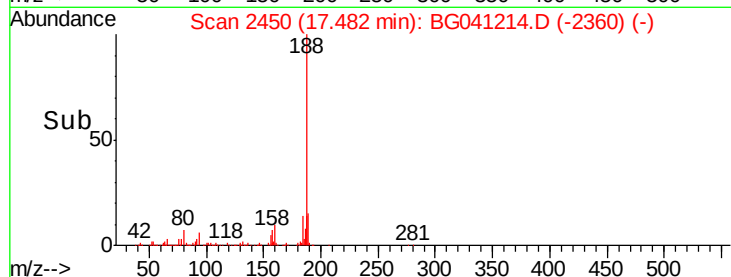
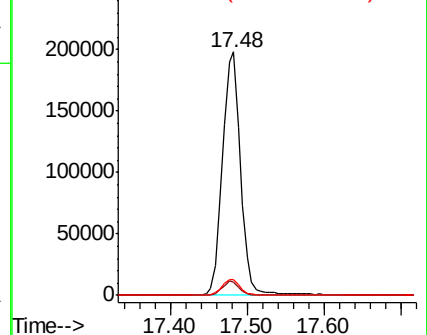
80 6.6 5.8 8.8



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



#65

4,6-Dinitro-2-methylphenol

Concen: 8.660 ng

RT: 16.20 min Scan# 2232

Delta R.T. 0.34 min

Lab File: BG041214.D

Acq: 12 Jun 2019 20:07

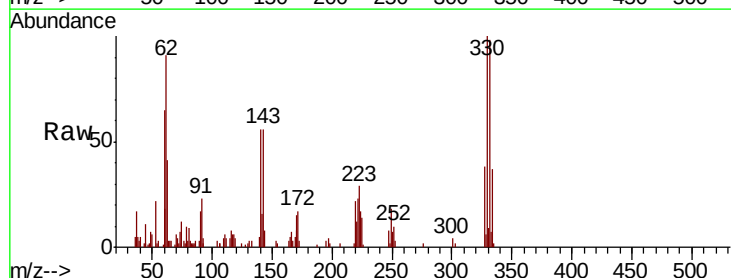
Tgt Ion:198 Resp: 147

Ion Ratio Lower Upper

198 100

51 0.0 21.6 61.6#

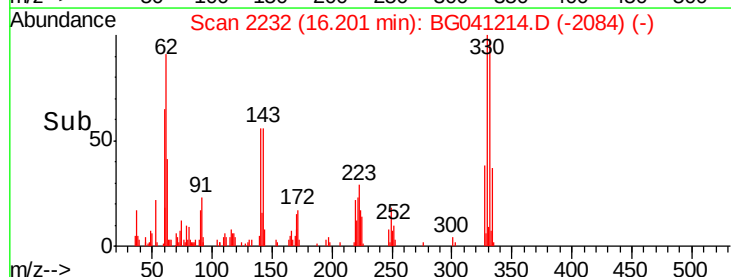
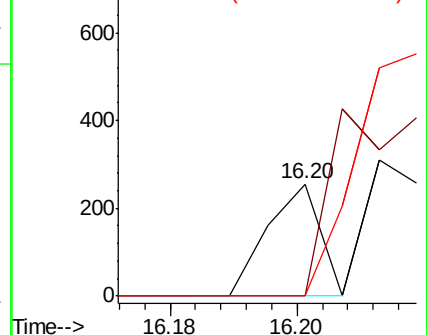
105 0.0 17.5 57.5#

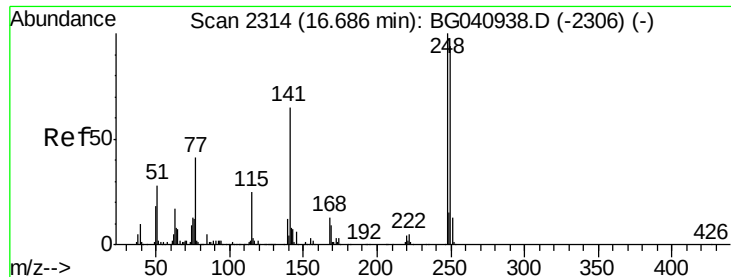


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

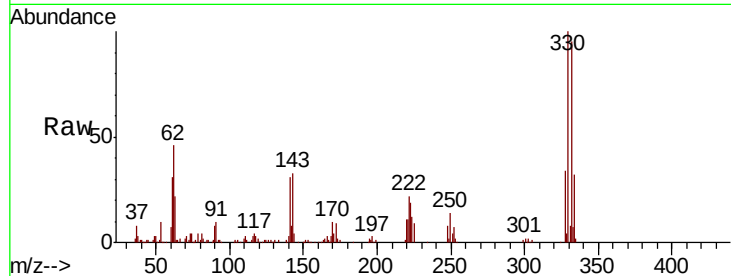




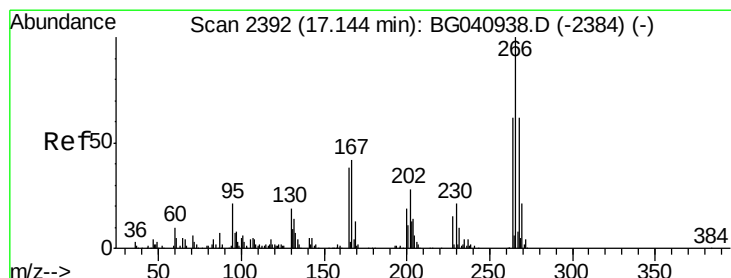
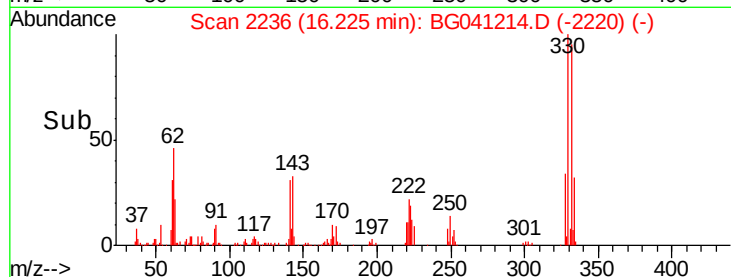
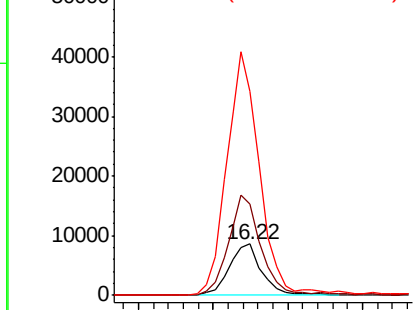
#67
4-Bromophenyl-phenylether
Concen: 3.053 ng
RT: 16.22 min Scan# 2236
Delta R.T. -0.43 min
Lab File: BG041214.D
Acq: 12 Jun 2019 20:07

Instrument :
BNA_G
ClientSampled :
MW-01

Tgt Ion:248 Resp: 13216
Ion Ratio Lower Upper
248 100
250 142.6 75.0 112.4#
141 319.9 52.4 78.6#

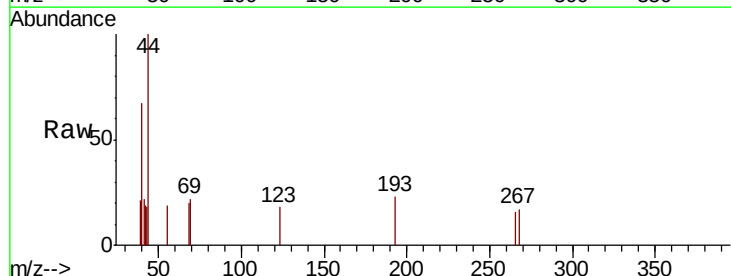


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

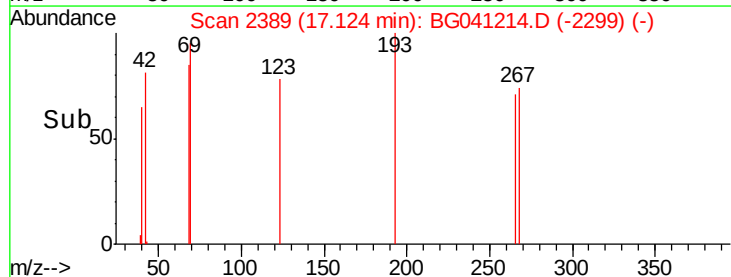
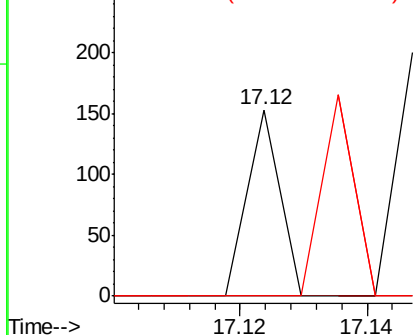


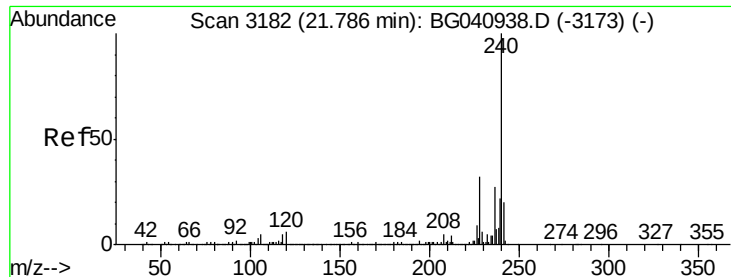
#70
Pentachlorophenol
Concen: 4.277 ng
RT: 17.12 min Scan# 2389
Delta R.T. -0.00 min
Lab File: BG041214.D
Acq: 12 Jun 2019 20:07

Tgt Ion:266 Resp: 54
Ion Ratio Lower Upper
266 100
268 0.0 53.1 79.7#
264 0.0 49.9 74.9#



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

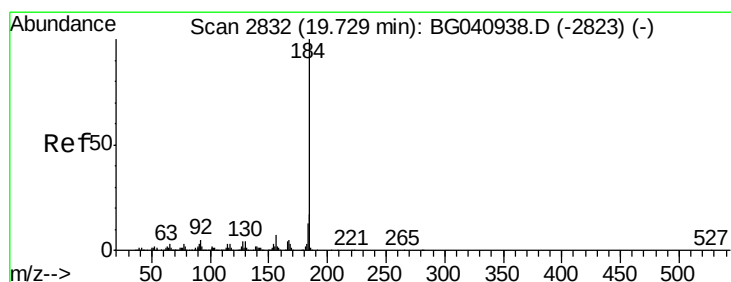
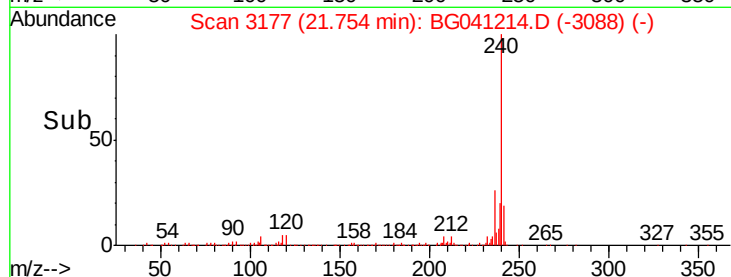
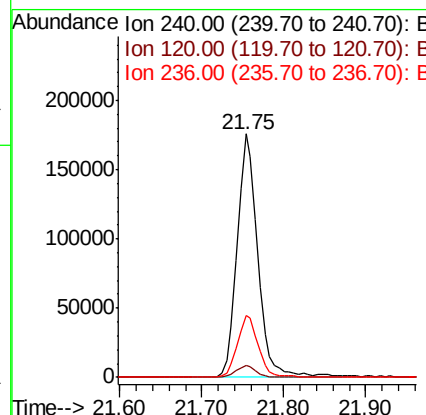
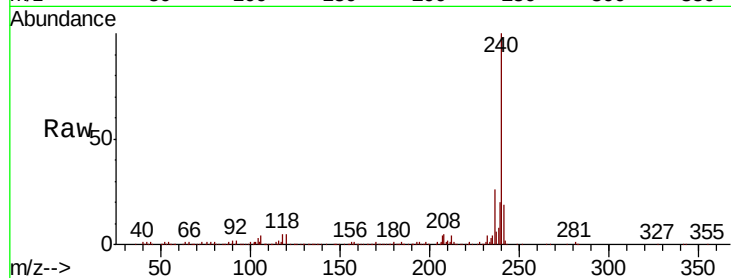




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3177
Delta R.T. -0.01 min
Lab File: BG041214.D
Acq: 12 Jun 2019 20:07

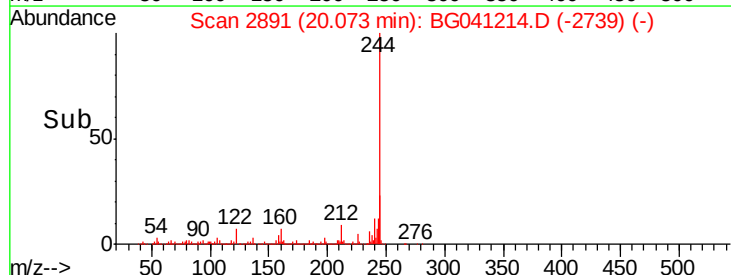
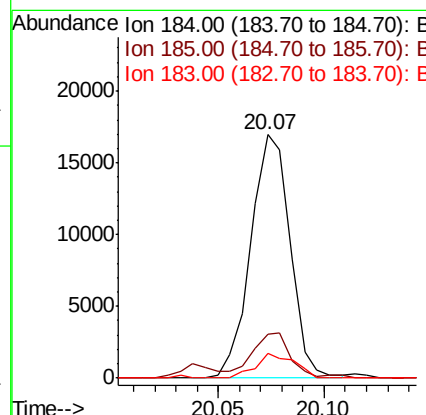
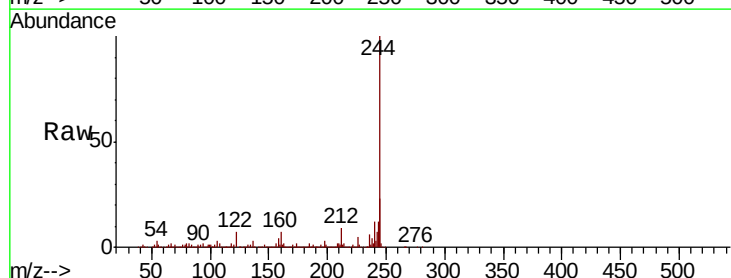
Instrument :
BNA_G
ClientSampleId :
MW-01

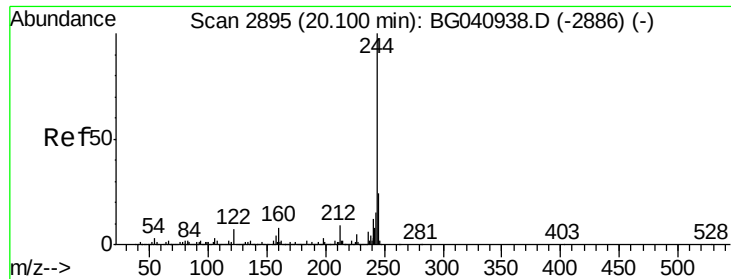
Tgt Ion:240 Resp: 309800
Ion Ratio Lower Upper
240 100
120 5.0 4.5 6.7
236 25.5 21.3 31.9



#77
Benzidine
Concen: 2.976 ng
RT: 20.07 min Scan# 2891
Delta R.T. 0.36 min
Lab File: BG041214.D
Acq: 12 Jun 2019 20:07

Tgt Ion:184 Resp: 21996
Ion Ratio Lower Upper
184 100
185 18.0 13.3 19.9
183 10.1 10.7 16.1#

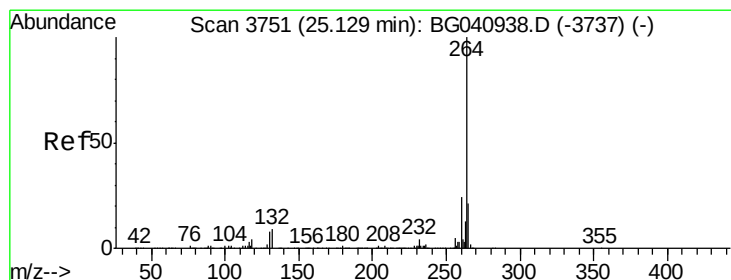
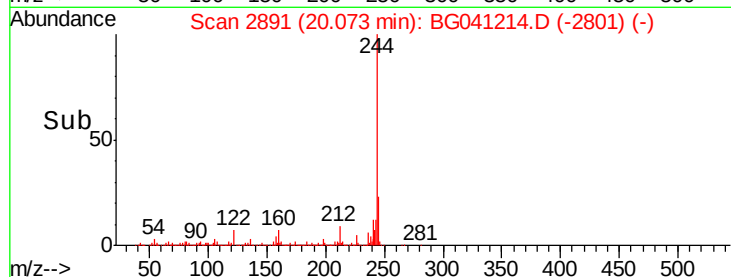
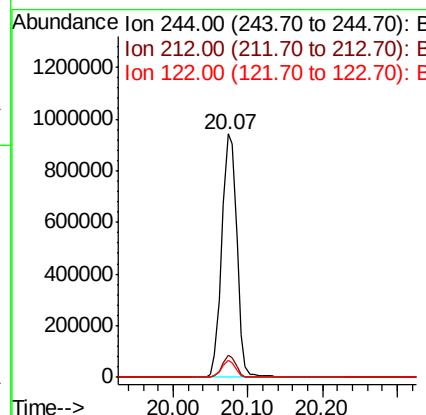
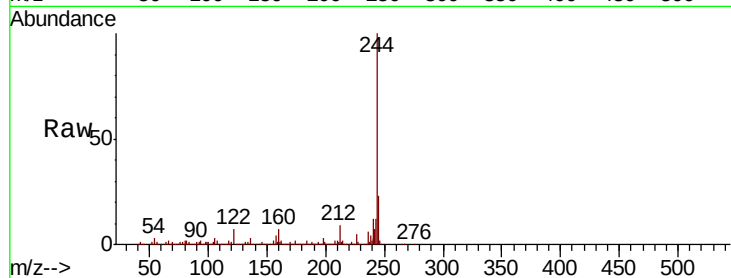




#79
 Terphenyl-d14
 Concen: 90.101 ng
 RT: 20.07 min Scan# 2891
 Delta R.T. -0.00 min
 Lab File: BG041214.D
 Acq: 12 Jun 2019 20:07

Instrument :
 BNA_G
 ClientSampleId :
 MW-01

Tgt Ion:244 Resp: 1315208
 Ion Ratio Lower Upper
 244 100
 212 8.9 7.0 10.4
 122 7.1 5.4 8.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.08 min Scan# 3743
 Delta R.T. -0.01 min
 Lab File: BG041214.D
 Acq: 12 Jun 2019 20:07

Tgt Ion:264 Resp: 291947
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.4
 265 21.7 17.0 25.4

