

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030819\
 Data File : BG039819.D
 Acq On : 8 Mar 2019 13:41
 Operator : JU/SJ
 Sample : PB117728BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 08 23:10:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	40372	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	179191	20.00	ng	-0.02
39) Acenaphthene-d10	14.78	164	129781	20.00	ng	-0.01
64) Phenanthrene-d10	17.52	188	329334	20.00	ng	-0.01
76) Chrysene-d12	21.81	240	344426	20.00	ng	-0.02
87) Perylene-d12	25.18	264	338222	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	309110	130.62	ng	-0.01
7) Phenol-d6	7.30	99	450827	127.77	ng	-0.01
23) Nitrobenzene-d5	9.33	82	258394	77.99	ng	-0.02
42) 2,4,6-Tribromophenol	16.27	330	177002	117.01	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	689650	75.66	ng	-0.02
79) Terphenyl-d14	20.12	244	1165511	74.51	ng	0.00

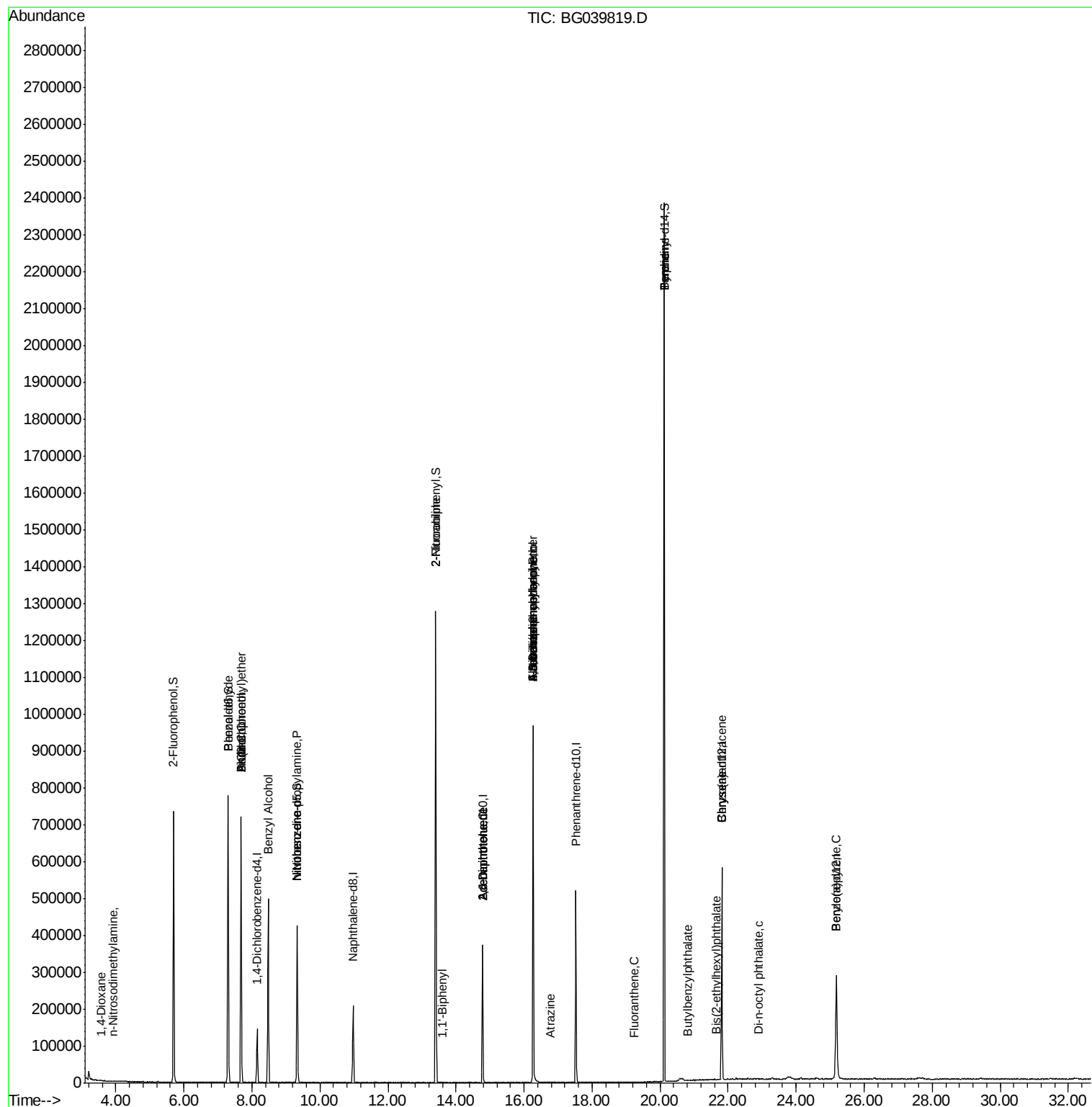
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.57	88	54	0.049	ng	# 1
4) n-Nitrosodimethylamine	3.91	42	241	0.174	ng	# 1
6) Aniline	7.68	93	642	0.139	ng	# 1
8) 2-Chlorophenol	7.68	128	84	0.029	ng	# 1
9) Benzaldehyde	7.30	77	782	0.344	ng	# 4
10) Phenol	7.68	94	799	0.209	ng	# 1
11) bis(2-Chloroethyl)ether	7.68	93	642	0.215	ng	# 1
15) Benzyl Alcohol	8.48	79	3847	1.374	ng	# 46
19) n-Nitroso-di-n-propylamine	9.33	70	32957	12.976	ng	# 72
24) Nitrobenzene	9.33	77	820	0.236	ng	# 41
46) 1,1'-Biphenyl	13.62	154	811	0.076	ng	# 70
48) 2-Nitroaniline	13.40	65	1198	0.464	ng	# 1
51) 2,6-Dinitrotoluene	14.78	165	16443	7.147	ng	# 25
52) Acenaphthene	14.78	154	437	0.055	ng	# 5
57) 2,4-Dinitrotoluene	14.78	165	16443	5.087	ng	# 20
58) Fluorene	16.26	166	7565	0.739	ng	# 88
63) Azobenzene	16.26	77	1006	0.103	ng	# 4
65) 4,6-Dinitro-2-methylphenol	16.26	198	531	0.273	ng	# 12
66) n-Nitrosodiphenylamine	16.27	169	7534	0.790	ng	# 47
67) 4-Bromophenyl-phenylether	16.27	248	13870	3.763	ng	# 1
69) Atrazine	16.77	200	54	0.014	ng	# 35
75) Fluoranthene	19.23	202	57	0.003	ng	# 63
77) Benzidine	20.11	184	19727	1.805	ng	# 92
78) Pyrene	20.12	202	4864	0.217	ng	# 73
80) Butylbenzylphthalate	20.81	149	55	0.006	ng	# 22
81) Benzo(a)anthracene	21.81	228	901	0.042	ng	# 54
83) Chrysene	21.81	228	901	0.043	ng	# 51
84) Bis(2-ethylhexyl)phthalate	21.65	149	83	0.007	ng	# 52
85) Di-n-octyl phthalate	22.91	149	74	0.004	ng	# 1
90) Benzo(a)pyrene	25.18	252	1326	0.071	ng	# 52

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

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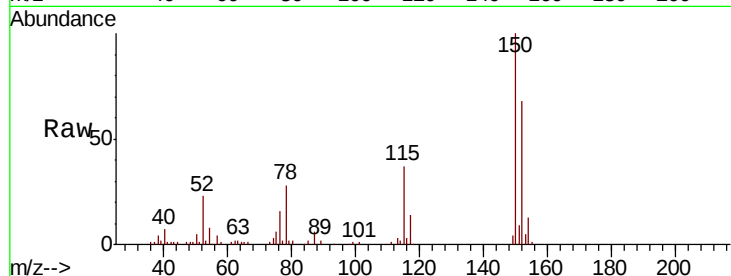


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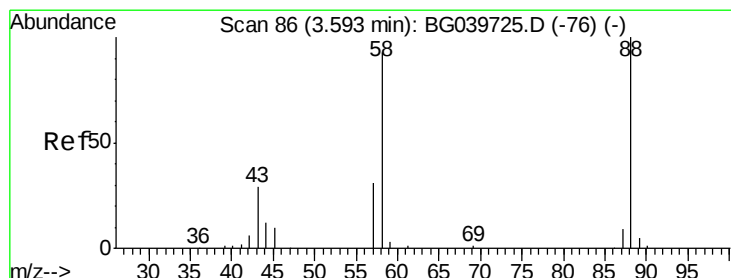
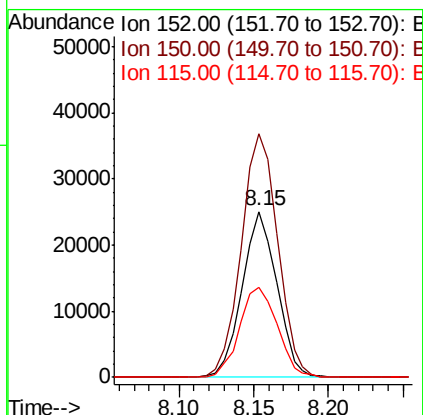
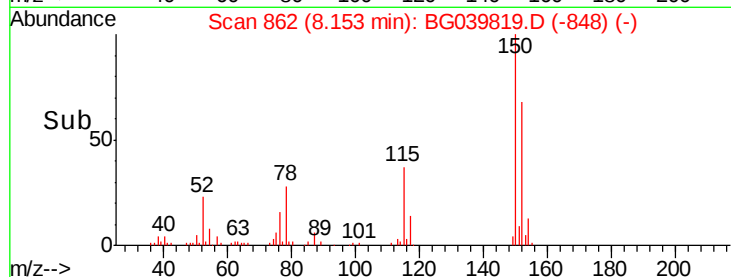
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.02 min
Lab File: BG039819.D
Acq: 8 Mar 2019 13:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 40372
Ion Ratio Lower Upper
152 100
150 147.0 123.7 185.5
115 54.5 45.9 68.9



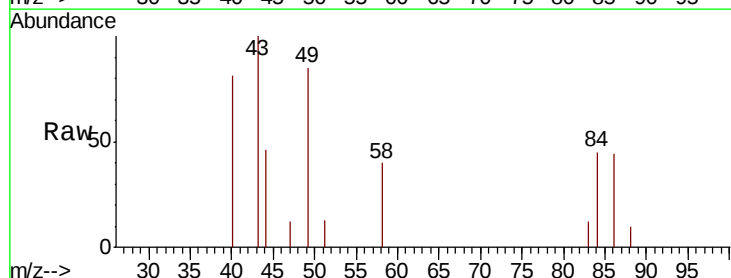
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



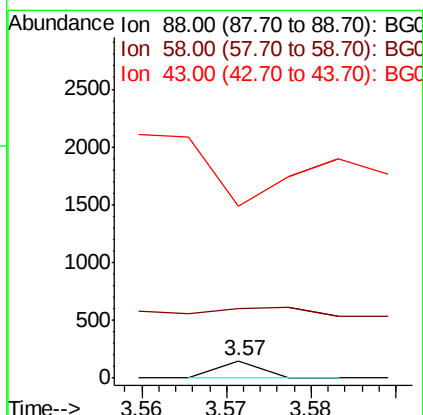
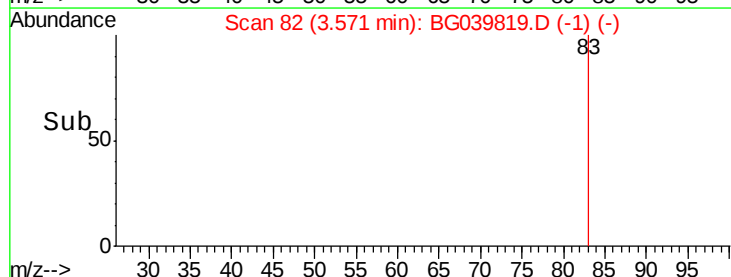
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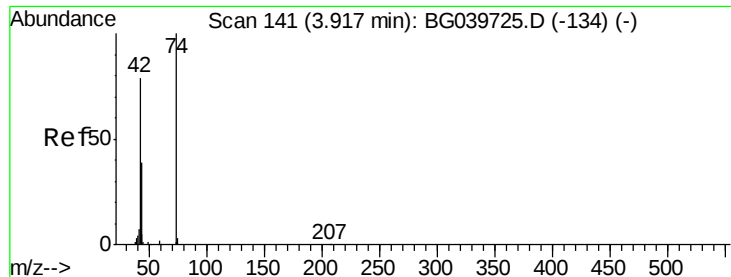
1,4-Dioxane
Concen: 0.049 ng
RT: 3.57 min Scan# 82
Delta R.T. -0.03 min
Lab File: BG039819.D
Acq: 8 Mar 2019 13:41

Tgt Ion: 88 Resp: 54
Ion Ratio Lower Upper
88 100
58 0.0 81.1 121.7#
43 1138.9 31.4 47.0#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC



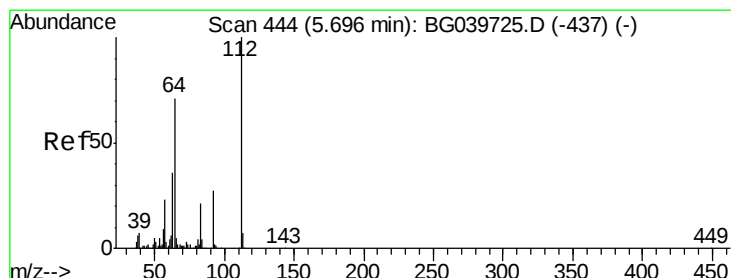
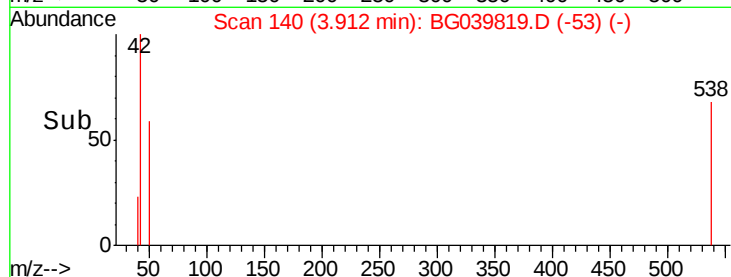
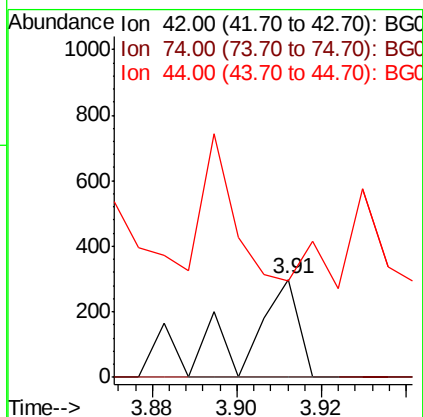
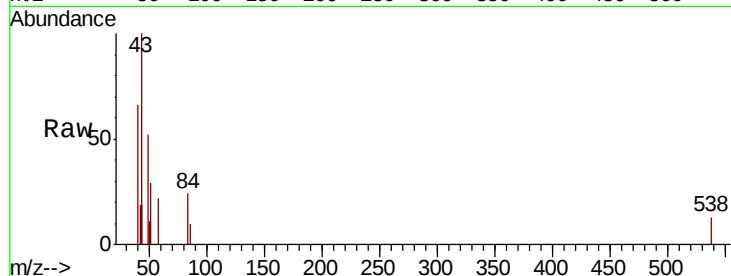


#4

n-Nitrosodimethylamine
 Concen: 0.174 ng
 RT: 3.91 min Scan# 140
 Delta R.T. -0.02 min
 Lab File: BG039819.D
 Acq: 8 Mar 2019 13:41

Instrument :
 BNA_G
 ClientSampleId :

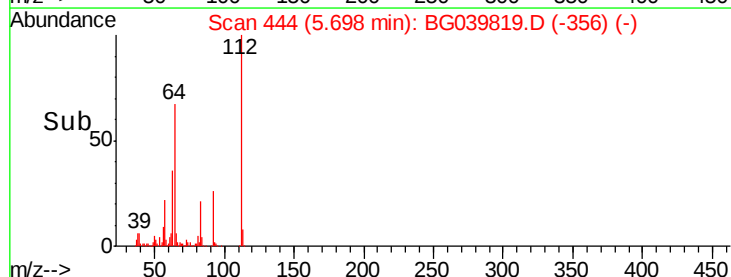
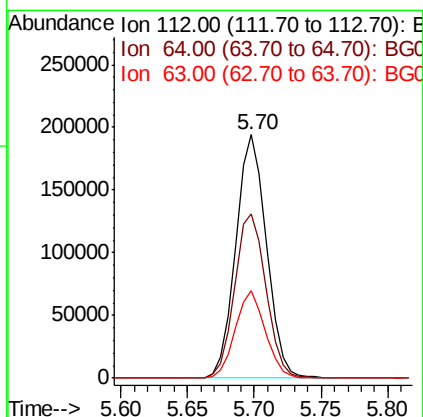
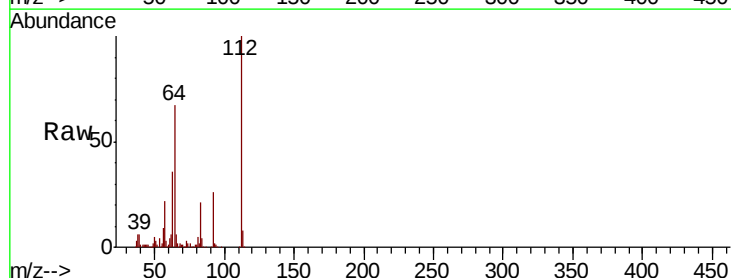
Tot Ion	Ratio	Lower	Upper
42	100		
74	0.0	83.6	125.4#
44	98.0	6.9	10.3#

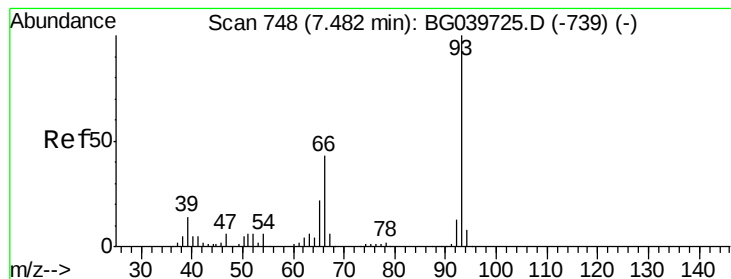


#5

2-Fluorophenol
 Concen: 130.621 ng
 RT: 5.70 min Scan# 444
 Delta R.T. -0.01 min
 Lab File: BG039819.D
 Acq: 8 Mar 2019 13:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.3	57.8	86.8
63	36.0	29.8	44.6





#6

Aniline

Concen: 0.139 ng

RT: 7.68 min Scan# 781

Delta R.T. 0.18 min

Lab File: BG039819.D

Acq: 8 Mar 2019 13:41

Instrument :

BNA_G

ClientSampleId :

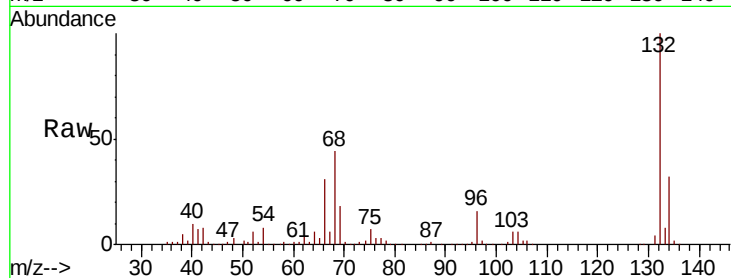
Tot Ion: 93 Resp: 642

Ion Ratio Lower Upper

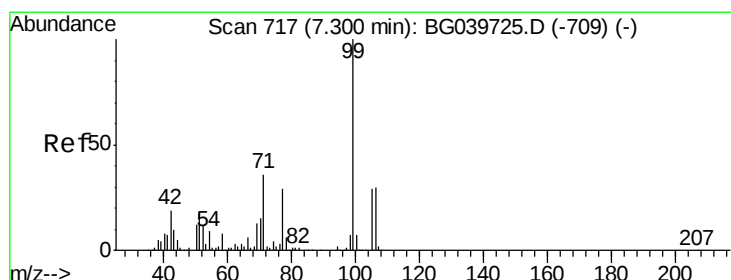
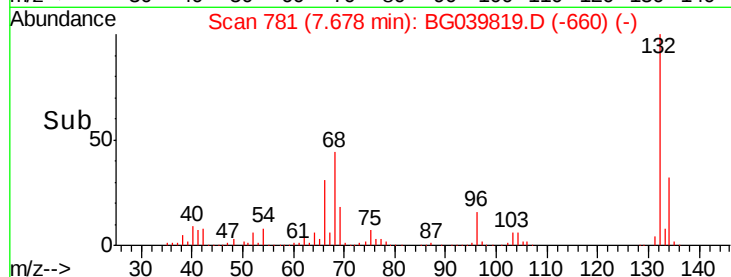
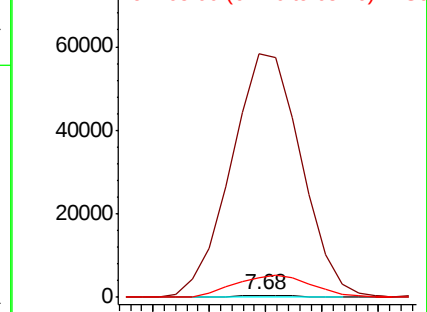
93 100

66 13338.2 34.2 51.4#

65 1089.0 17.7 26.5#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC



#7

Phenol-d6

Concen: 127.766 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039819.D

Acq: 8 Mar 2019 13:41

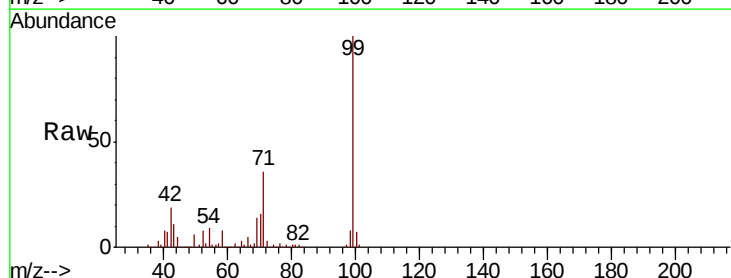
Tgt Ion: 99 Resp: 450827

Ion Ratio Lower Upper

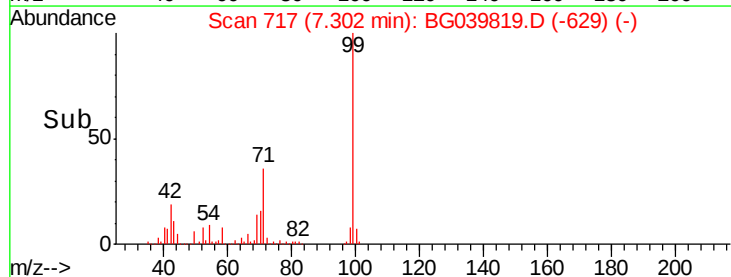
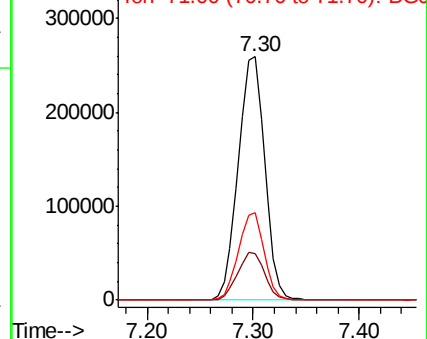
99 100

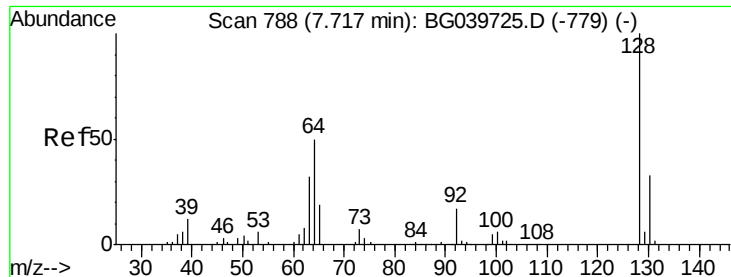
42 19.3 18.2 27.2

71 36.0 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

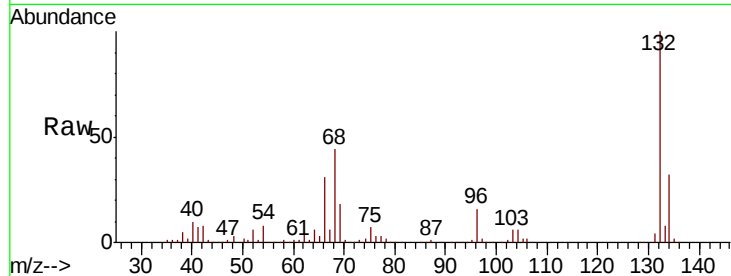




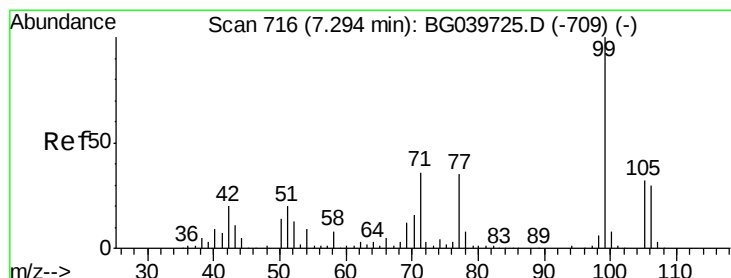
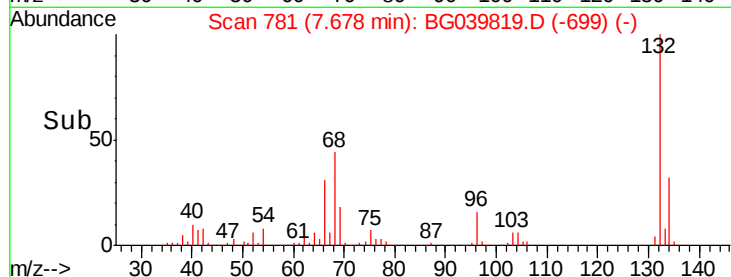
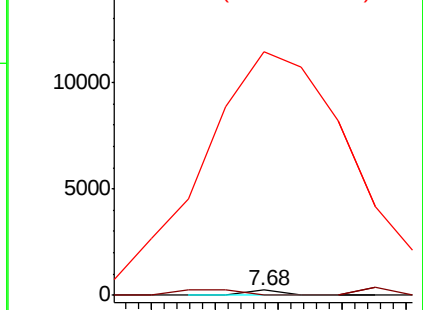
#8
2-Chlorophenol
Concen: 0.029 ng
RT: 7.68 min Scan# 781
Delta R.T. -0.05 min
Lab File: BG039819.D
Acq: 8 Mar 2019 13:41

Instrument :
BNA_G
ClientSampled :

Tot Ion:128 Resp: 84
Ion Ratio Lower Upper
128 100
130 0.0 12.9 52.9#
64 4810.1 38.7 78.7#

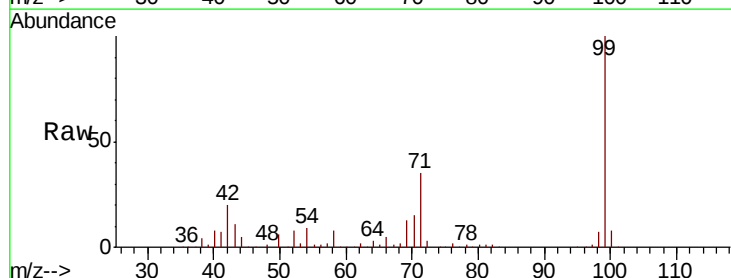


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC

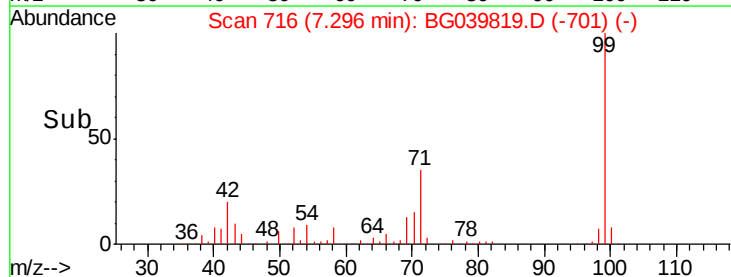
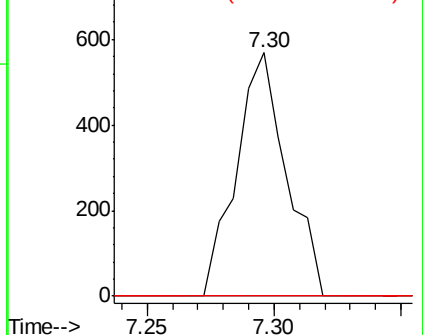


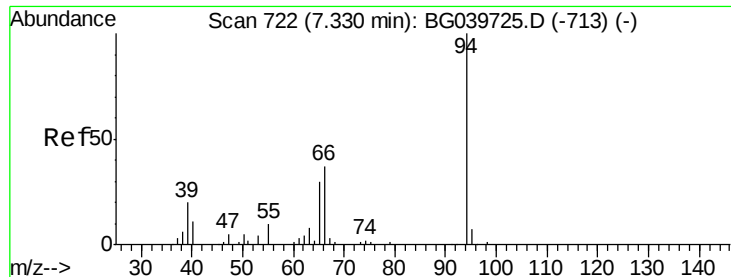
#9
Benzaldehyde
Concen: 0.344 ng
RT: 7.30 min Scan# 716
Delta R.T. -0.01 min
Lab File: BG039819.D
Acq: 8 Mar 2019 13:41

Tgt Ion: 77 Resp: 782
Ion Ratio Lower Upper
77 100
105 0.0 74.5 114.5#
106 0.0 68.0 108.0#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

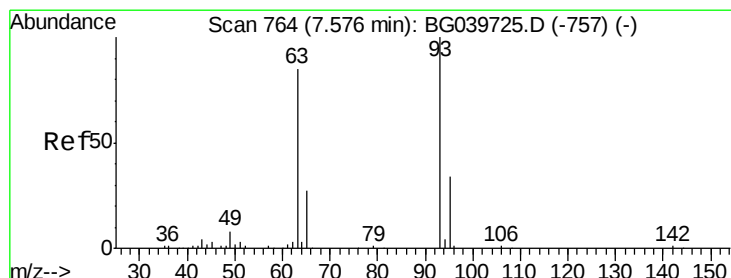
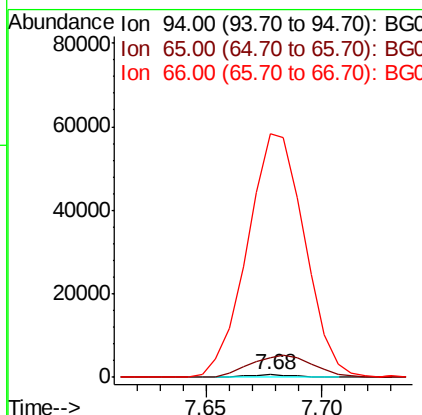
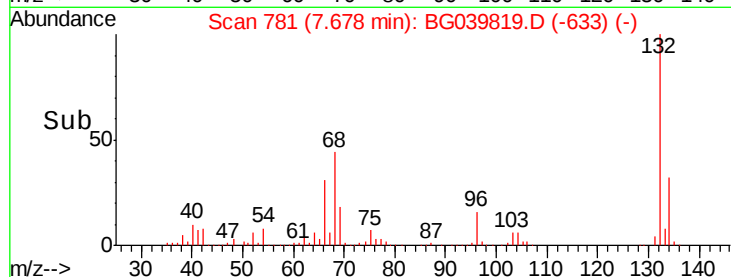
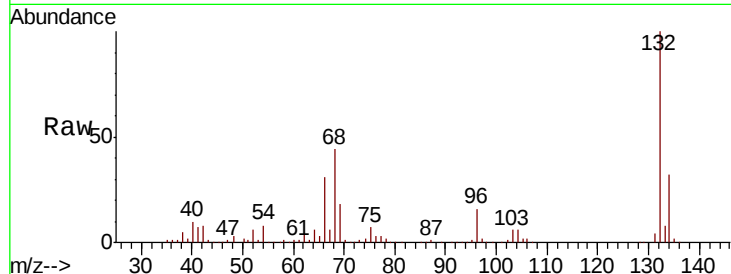




#10
Phenol
Concen: 0.209 ng
RT: 7.68 min Scan# 781
Delta R.T. 0.34 min
Lab File: BG039819.D
Acq: 8 Mar 2019 13:41

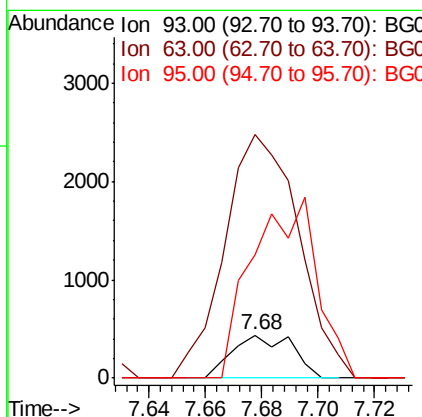
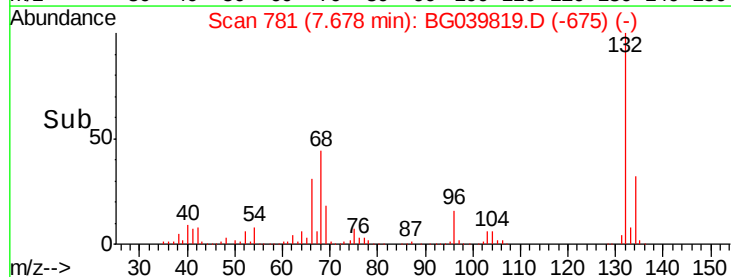
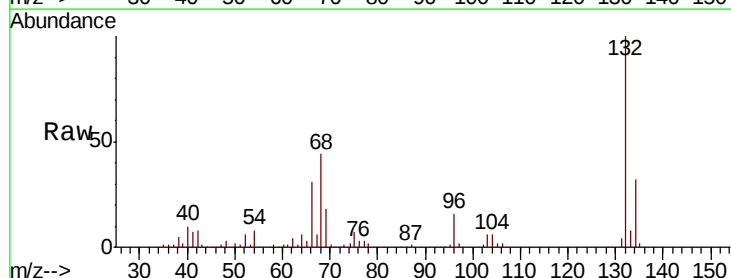
Instrument :
BNA_G
ClientSampleId :

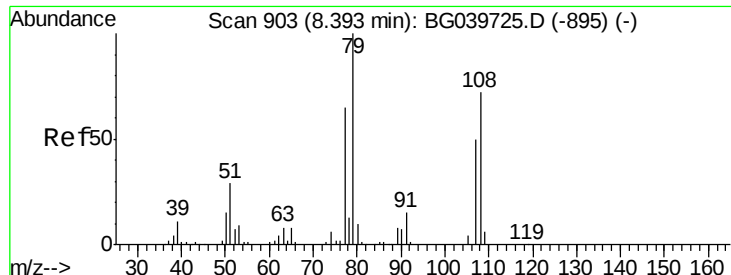
Tot Ion: 94 Resp: 799
Ion Ratio Lower Upper
94 100
65 839.3 11.7 51.7#
66 10280.1 23.7 63.7#



#11
bis(2-Chloroethyl)ether
Concen: 0.215 ng
RT: 7.68 min Scan# 781
Delta R.T. 0.09 min
Lab File: BG039819.D
Acq: 8 Mar 2019 13:41

Tgt Ion: 93 Resp: 642
Ion Ratio Lower Upper
93 100
63 566.8 69.5 109.5#
95 288.3 12.7 52.7#

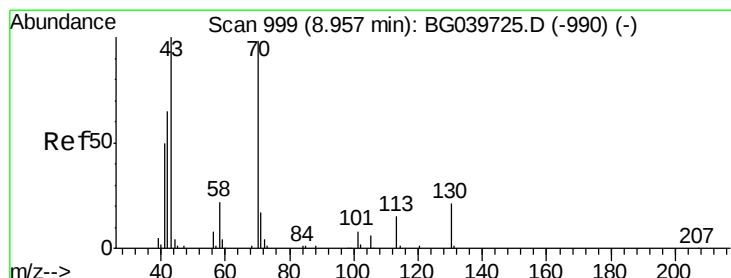
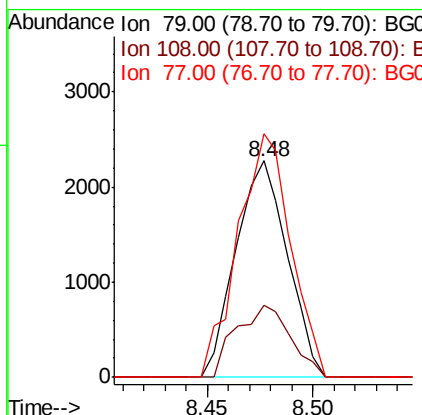
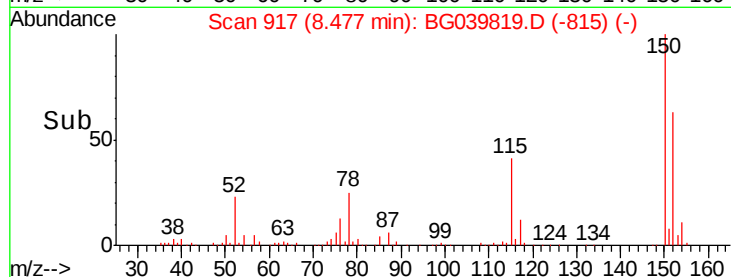
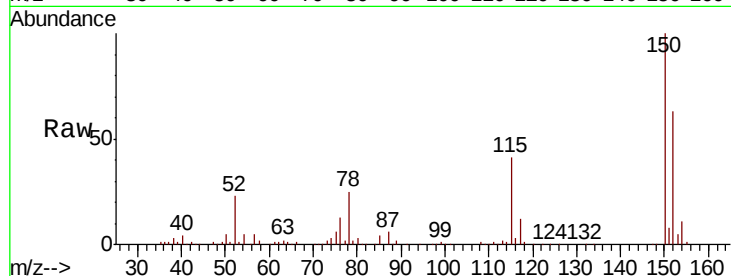




#15
Benzyl Alcohol
Concen: 1.374 ng
RT: 8.48 min Scan# 917
Delta R.T. 0.07 min
Lab File: BG039819.D
Acq: 8 Mar 2019 13:41

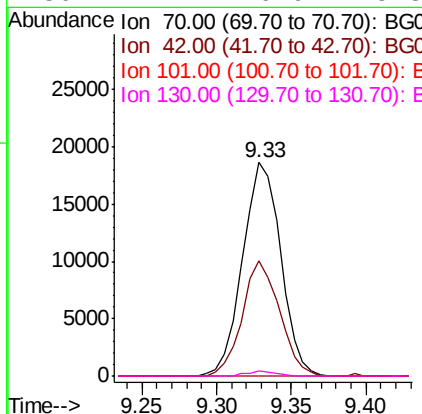
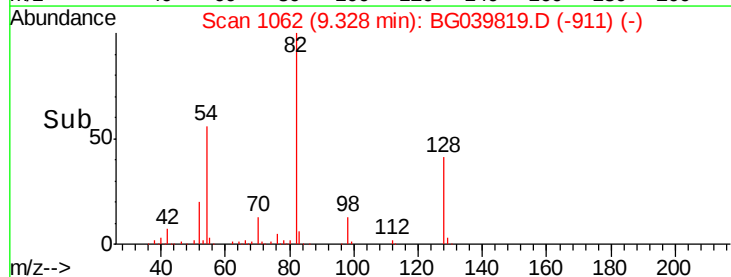
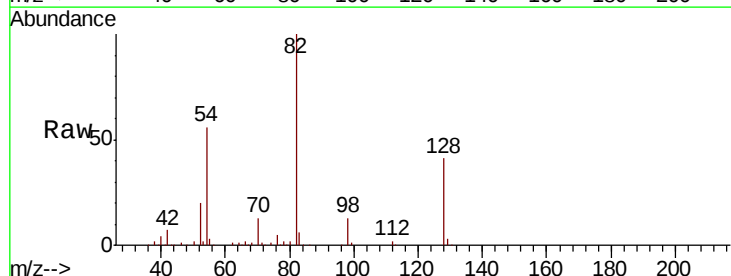
Instrument :
BNA_G
ClientSampleId :

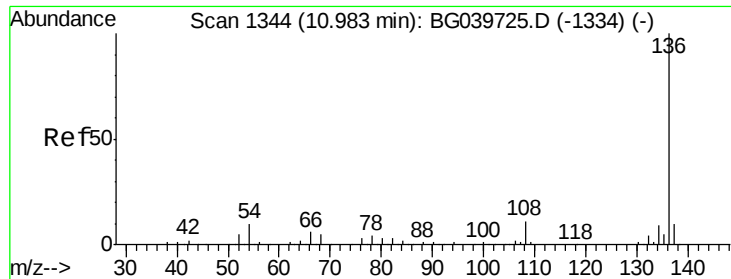
Tot Ion: 79 Resp: 3847
Ion Ratio Lower Upper
79 100
108 33.5 57.8 86.6#
77 112.5 51.1 76.7#



#19
n-Nitroso-di-n-propylamine
Concen: 12.976 ng
RT: 9.33 min Scan# 1062
Delta R.T. 0.36 min
Lab File: BG039819.D
Acq: 8 Mar 2019 13:41

Tgt Ion: 70 Resp: 32957
Ion Ratio Lower Upper
70 100
42 54.1 60.4 90.6#
101 0.0 7.5 11.3#
130 2.7 16.9 25.3#

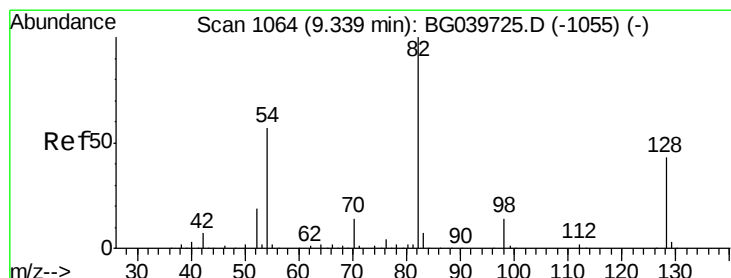
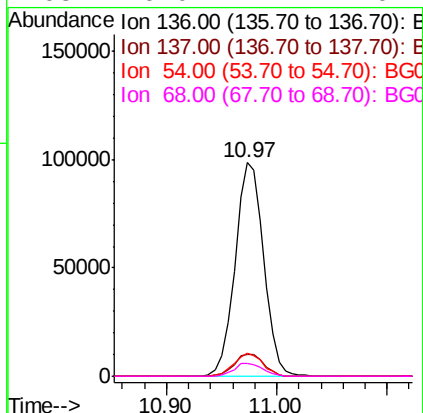
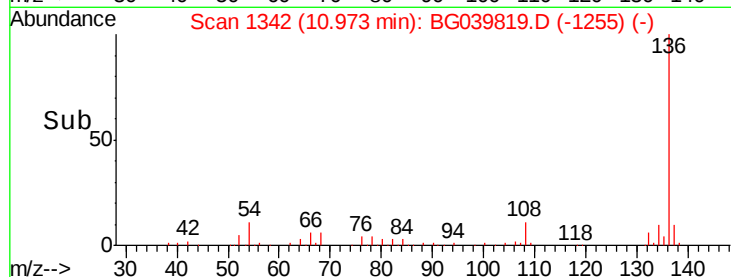
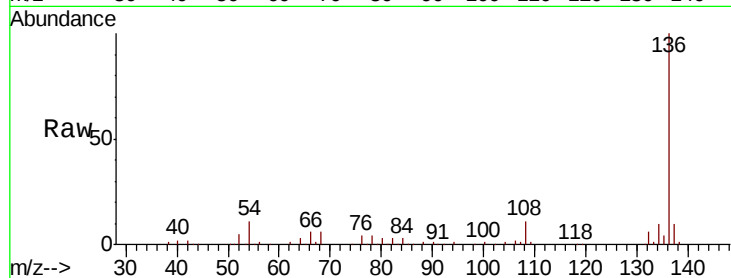




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BG039819.D
Acq: 8 Mar 2019 13:41

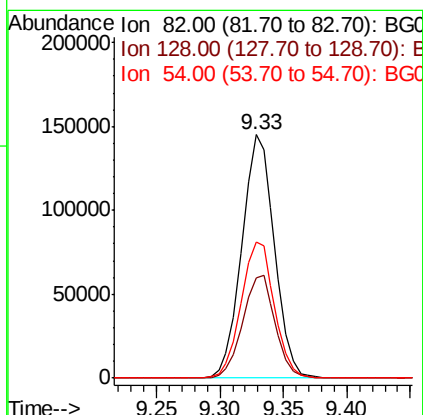
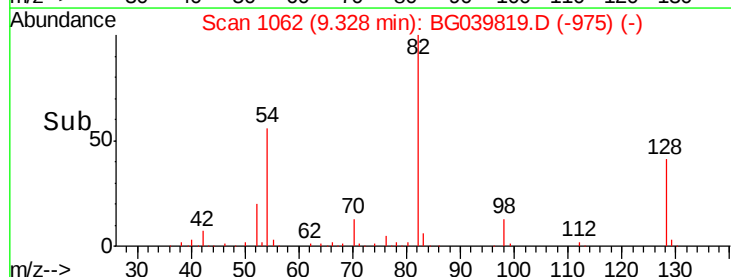
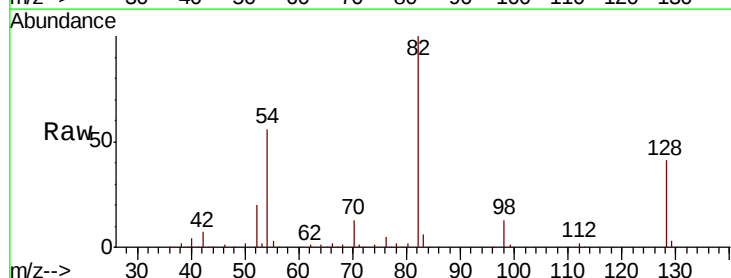
Instrument :
BNA_G
ClientSampled :

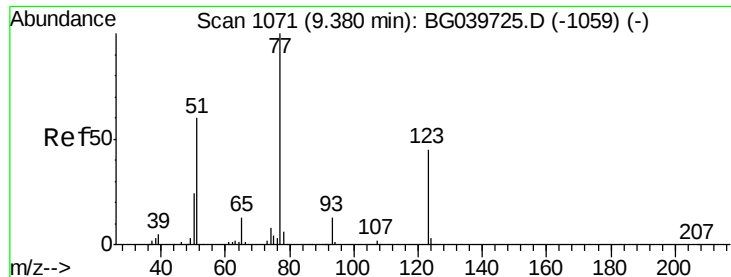
Tot Ion:136	Resp:	179191
Ion Ratio	Lower	Upper
136	100	
137	10.4	9.1 13.7
54	10.8	9.4 14.2
68	6.0	4.2 6.4



#23
Nitrobenzene-d5
Concen: 77.989 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BG039819.D
Acq: 8 Mar 2019 13:41

Tgt Ion: 82	Resp:	258394
Ion Ratio	Lower	Upper
82	100	
128	41.0	31.3 46.9
54	55.7	50.9 76.3

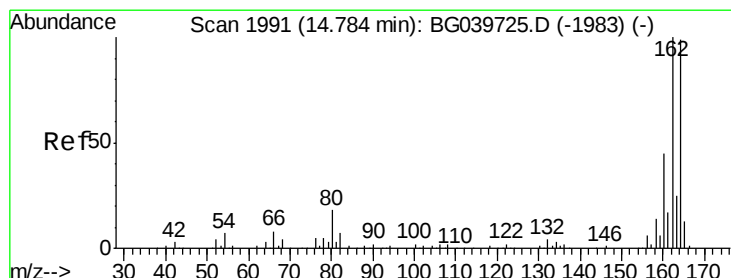
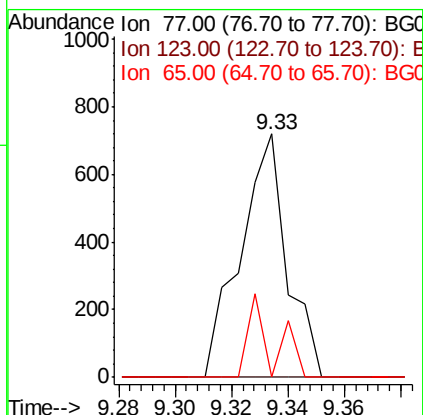
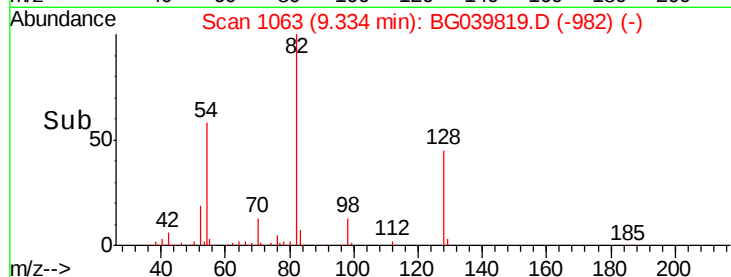
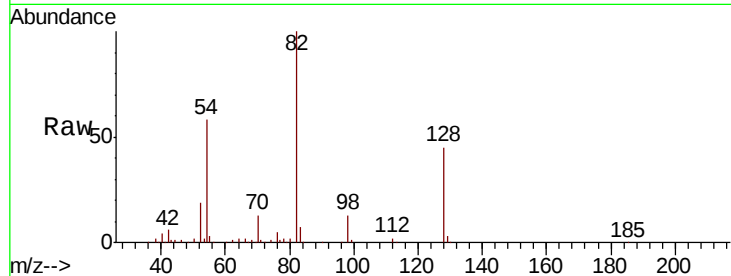




#24
Nitrobenzene
Concen: 0.236 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.05 min
Lab File: BG039819.D
Acq: 8 Mar 2019 13:41

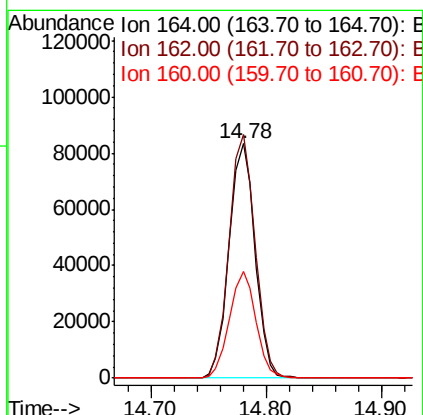
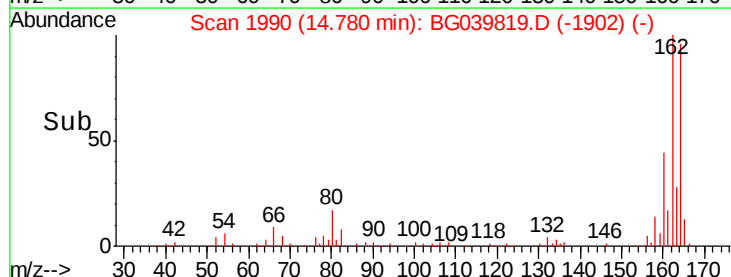
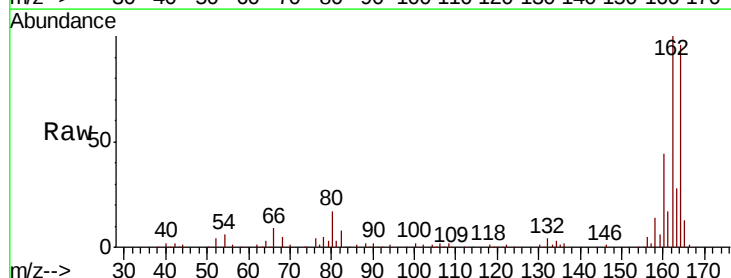
Instrument :
BNA_G
ClientSampleId :

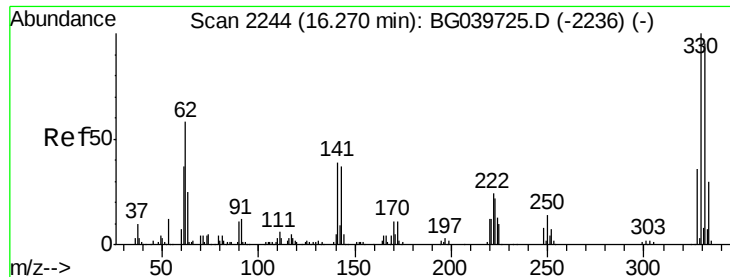
Tot Ion: 77 Resp: 820
Ion Ratio Lower Upper
77 100
123 0.0 34.1 51.1#
65 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG039819.D
Acq: 8 Mar 2019 13:41

Tgt Ion:164 Resp: 129781
Ion Ratio Lower Upper
164 100
162 104.0 81.6 122.4
160 45.4 34.2 51.2

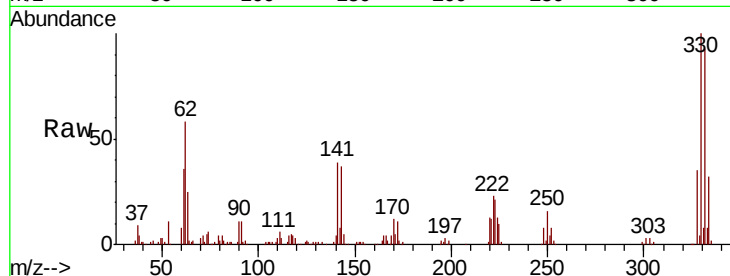




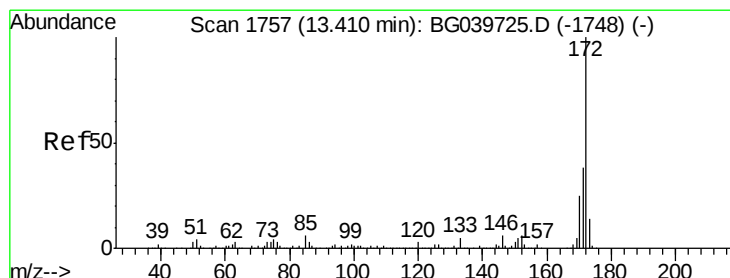
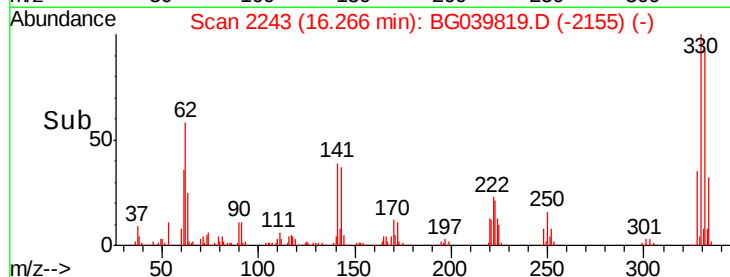
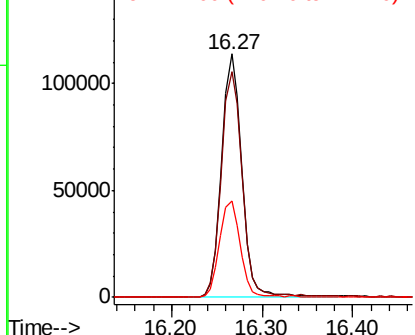
#42
 2,4,6-Tribromophenol
 Concen: 117.011 ng
 RT: 16.27 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BG039819.D
 Acq: 8 Mar 2019 13:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 177002
 Ion Ratio Lower Upper
 330 100
 332 96.2 75.7 113.5
 141 40.6 35.6 53.4

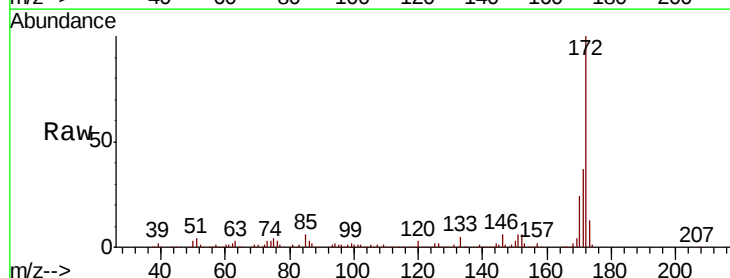


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

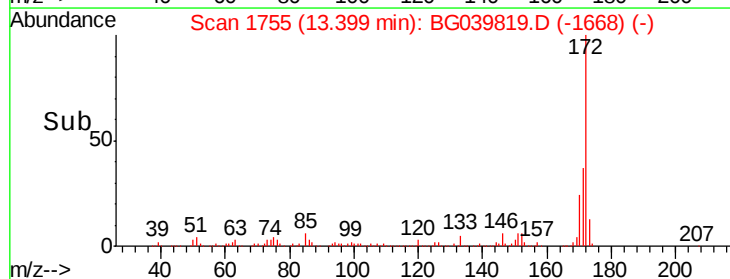
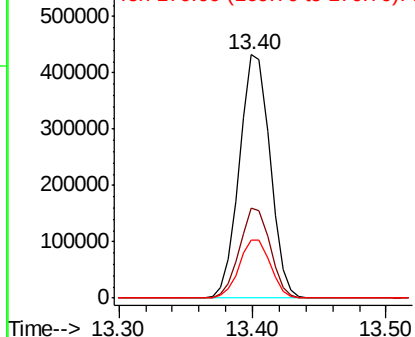


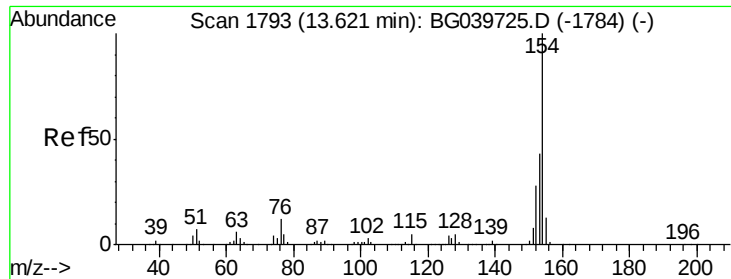
#45
 2-Fluorobiphenyl
 Concen: 75.662 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.02 min
 Lab File: BG039819.D
 Acq: 8 Mar 2019 13:41

Tgt Ion:172 Resp: 689650
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.8 46.2
 170 23.9 20.2 30.4



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

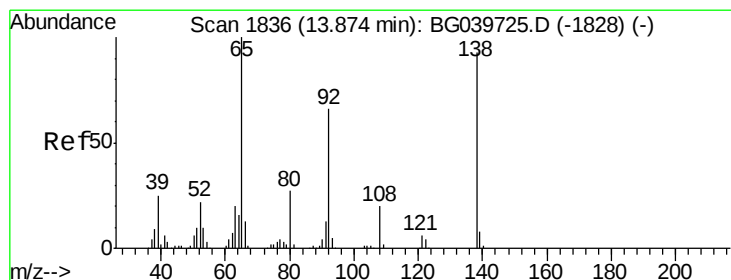
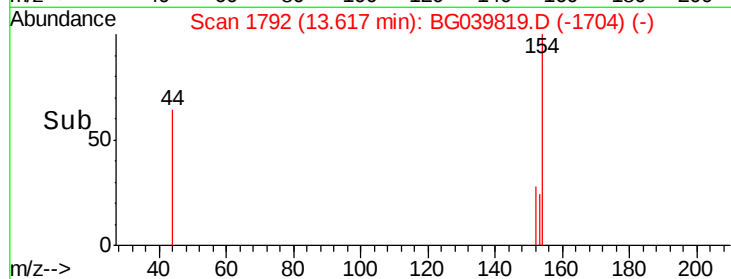
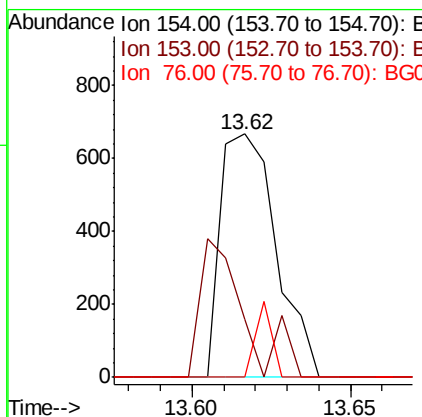
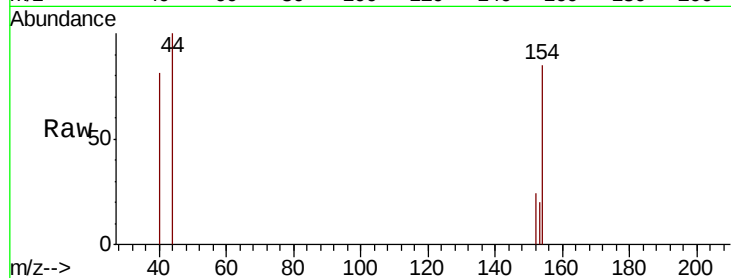




#46
 1,1'-Biphenyl
 Concen: 0.076 ng
 RT: 13.62 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: BG039819.D
 Acq: 8 Mar 2019 13:41

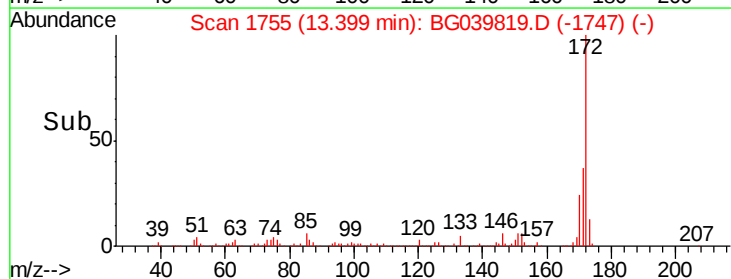
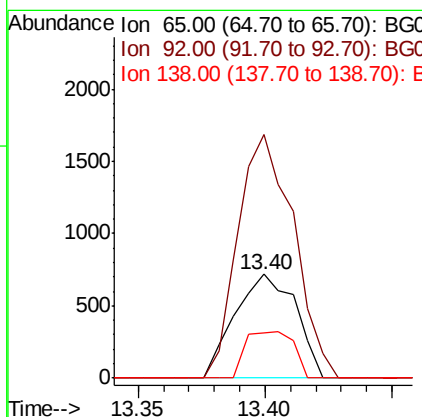
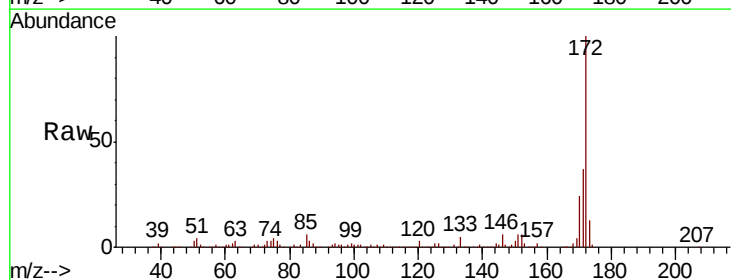
Instrument :
 BNA_G
 ClientSampleId :

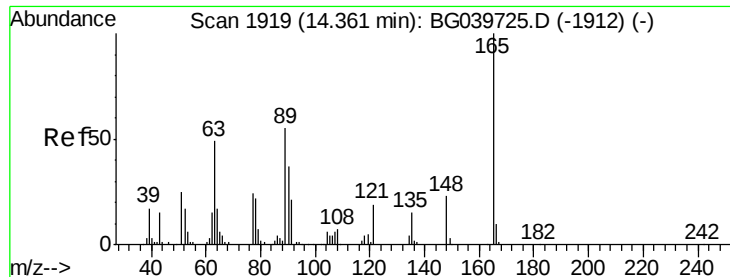
Tot Ion:154 Resp: 811
 Ion Ratio Lower Upper
 154 100
 153 23.8 22.1 62.1
 76 0.0 0.0 32.4



#48
 2-Nitroaniline
 Concen: 0.464 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.48 min
 Lab File: BG039819.D
 Acq: 8 Mar 2019 13:41

Tgt Ion: 65 Resp: 1198
 Ion Ratio Lower Upper
 65 100
 92 235.1 51.4 77.2#
 138 43.9 71.4 107.2#





#51

2,6-Dinitrotoluene

Concen: 7.147 ng

RT: 14.78 min Scan# 1990

Delta R.T. 0.41 min

Lab File: BG039819.D

Acq: 8 Mar 2019 13:41

Instrument :

BNA_G

ClientSampleId :

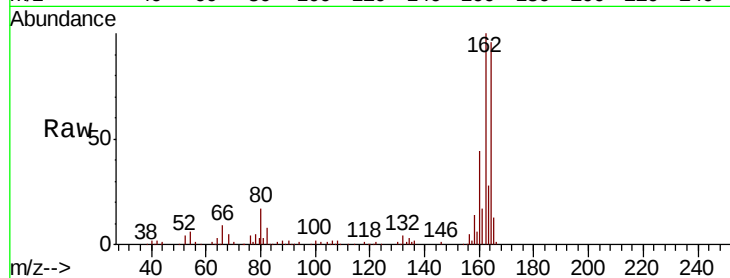
Tot Ion:165 Resp: 16443

Ion Ratio Lower Upper

165 100

63 2.3 47.0 70.6#

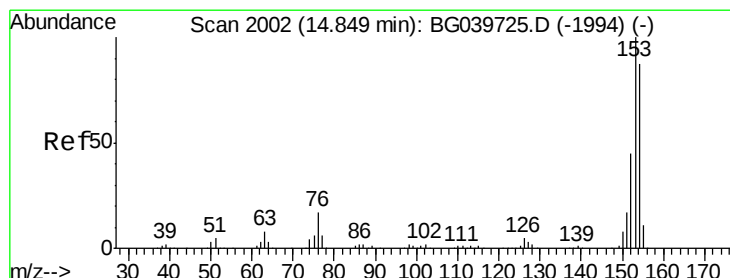
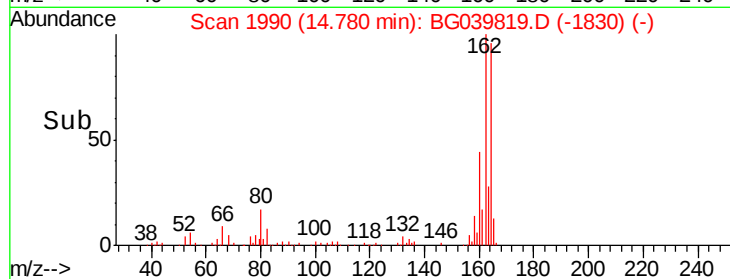
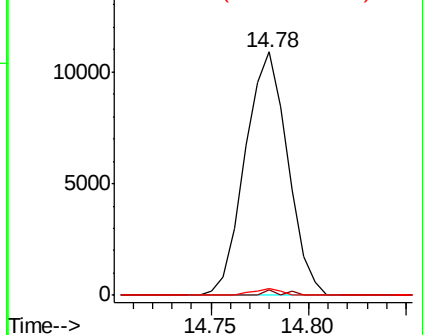
89 2.7 45.8 68.8#



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



#52

Acenaphthene

Concen: 0.055 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.08 min

Lab File: BG039819.D

Acq: 8 Mar 2019 13:41

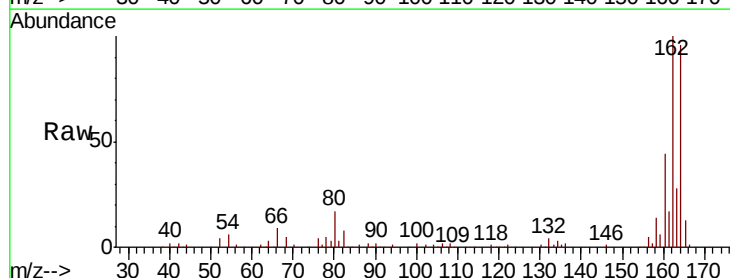
Tgt Ion:154 Resp: 437

Ion Ratio Lower Upper

154 100

153 0.0 90.1 135.1#

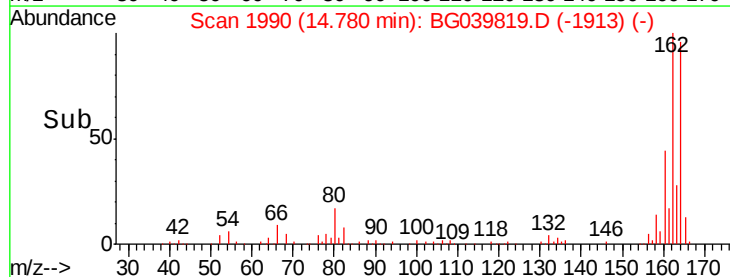
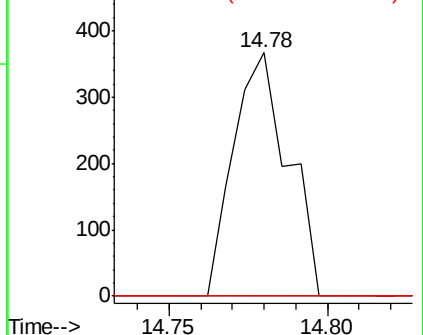
152 0.0 40.9 61.3#

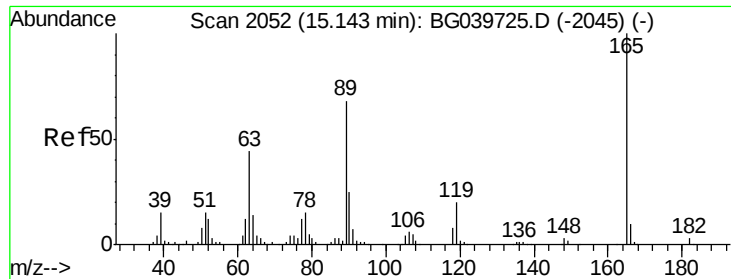


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

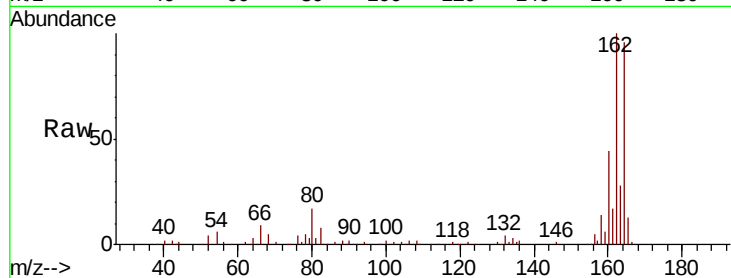




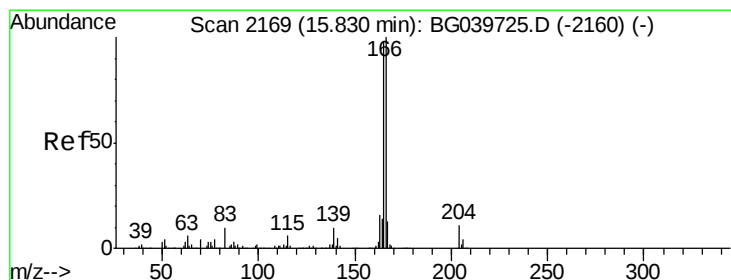
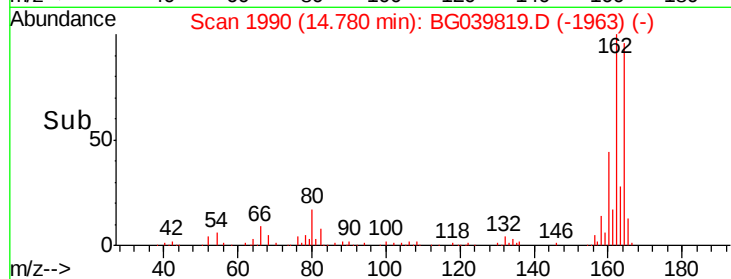
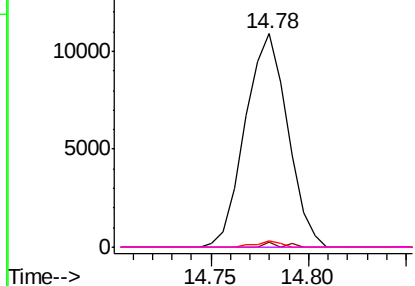
#57
 2,4-Dinitrotoluene
 Concen: 5.087 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. -0.37 min
 Lab File: BG039819.D
 Acq: 8 Mar 2019 13:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165	Resp:	16443
Ion Ratio	Lower	Upper
165	100	
63	2.3	41.0 61.6#
89	2.7	64.6 96.8#
182	0.0	2.0 3.0#

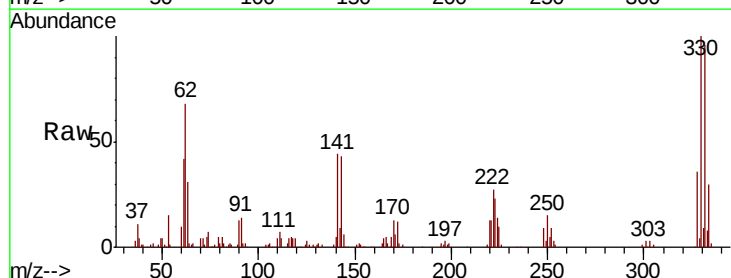


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

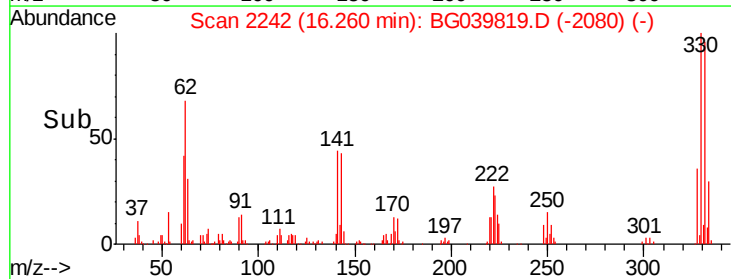
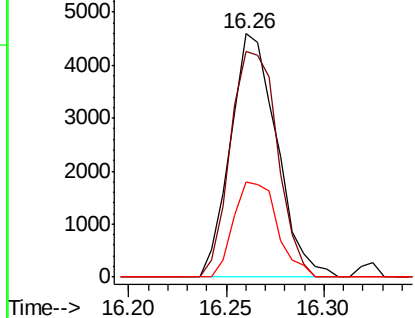


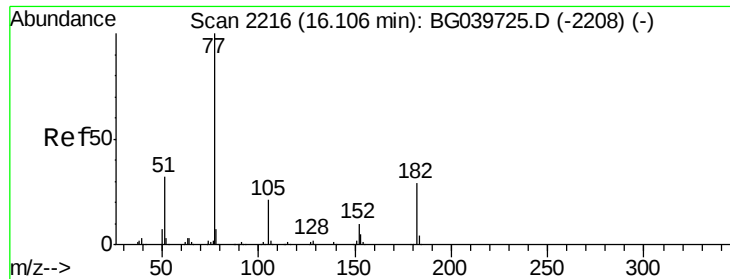
#58
 Fluorene
 Concen: 0.739 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. 0.42 min
 Lab File: BG039819.D
 Acq: 8 Mar 2019 13:41

Tgt Ion:166	Resp:	7565
Ion Ratio	Lower	Upper
166	100	
165	93.0	77.9 116.9
167	38.9	10.8 16.2#



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

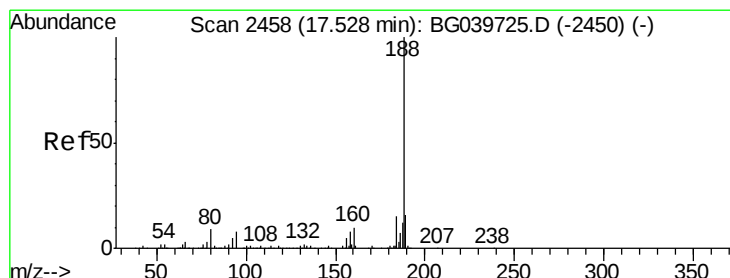
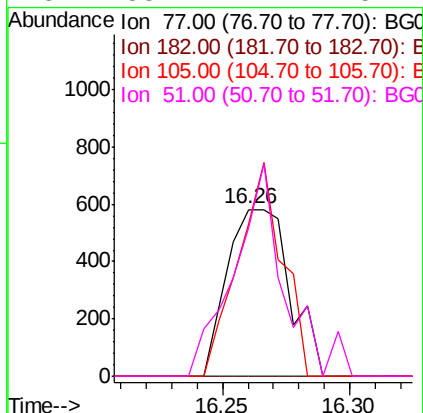
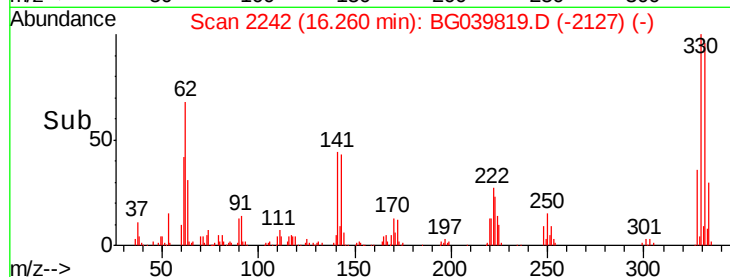
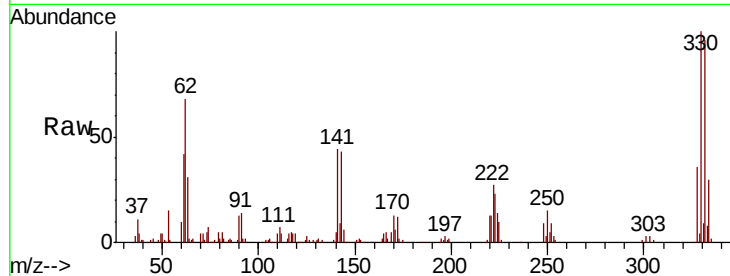




#63
Azobenzene
Concen: 0.103 ng
RT: 16.26 min Scan# 2242
Delta R.T. 0.15 min
Lab File: BG039819.D
Acq: 8 Mar 2019 13:41

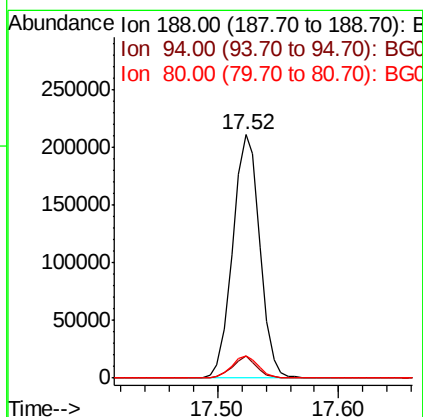
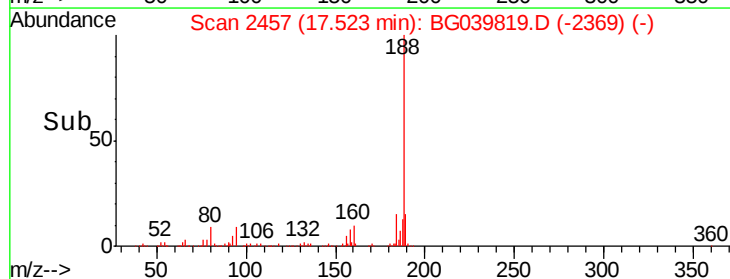
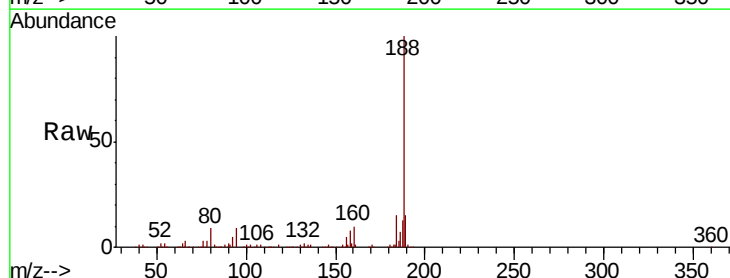
Instrument :
BNA_G
ClientSampleId :

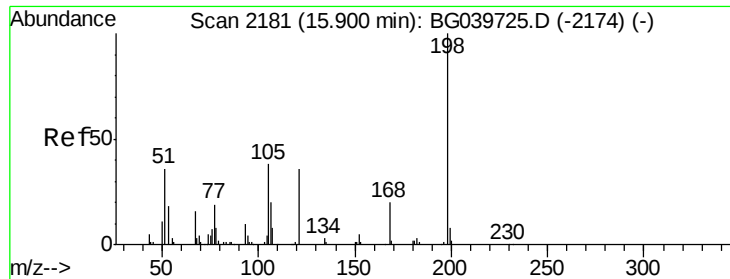
Tot Ion: 77 Resp: 1006
Ion Ratio Lower Upper
77 100
182 0.0 6.4 46.4#
105 91.1 0.0 39.8#
51 88.7 14.1 54.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BG039819.D
Acq: 8 Mar 2019 13:41

Tgt Ion: 188 Resp: 329334
Ion Ratio Lower Upper
188 100
94 8.9 6.9 10.3
80 9.0 8.1 12.1

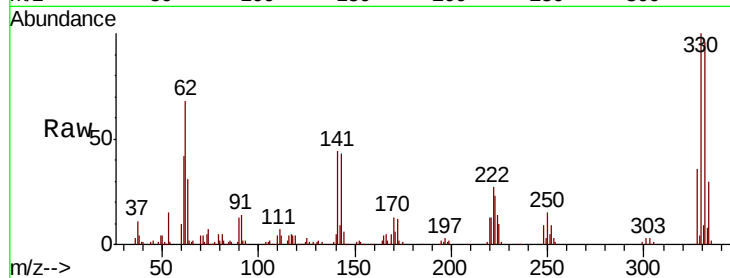




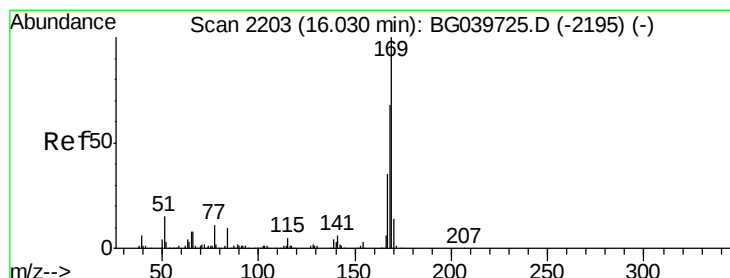
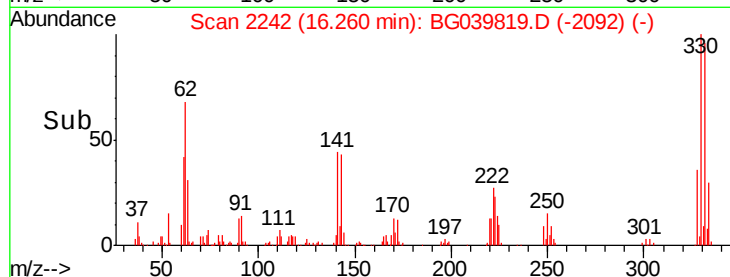
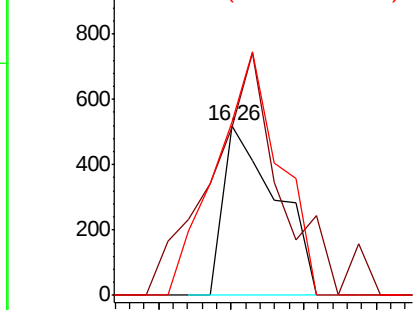
#65
4,6-Dinitro-2-methylphenol
Concen: 0.273 ng
RT: 16.26 min Scan# 2242
Delta R.T. 0.35 min
Lab File: BG039819.D
Acq: 8 Mar 2019 13:41

Instrument :
BNA_G
ClientSampled :

Tot Ion:198 Resp: 531
Ion Ratio Lower Upper
198 100
51 99.2 27.4 67.4#
105 101.9 19.7 59.7#

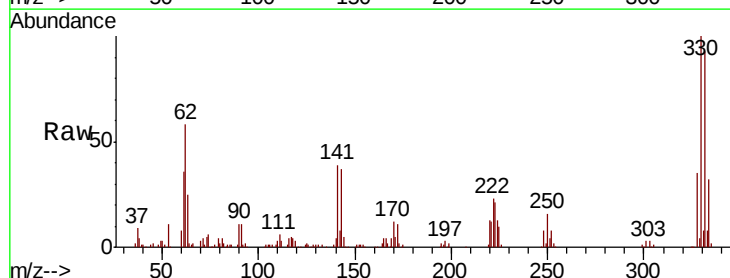


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

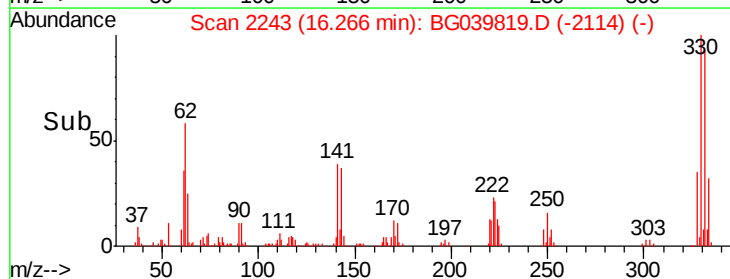
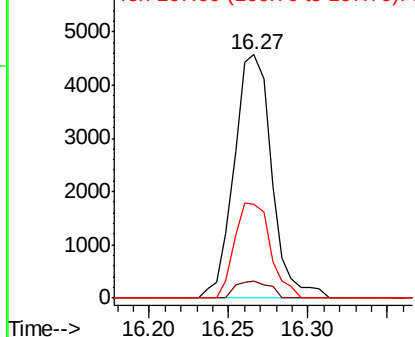


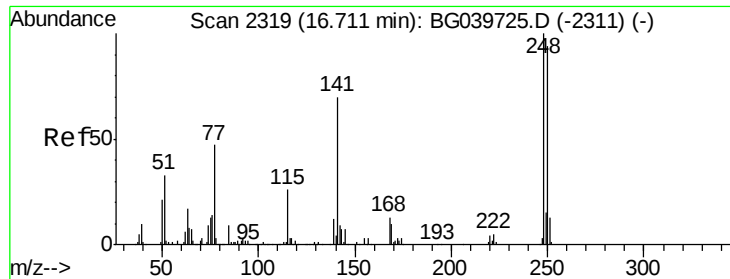
#66
n-Nitrosodiphenylamine
Concen: 0.790 ng
RT: 16.27 min Scan# 2243
Delta R.T. 0.23 min
Lab File: BG039819.D
Acq: 8 Mar 2019 13:41

Tgt Ion:169 Resp: 7534
Ion Ratio Lower Upper
169 100
168 6.9 56.6 85.0#
167 38.4 28.8 43.2



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

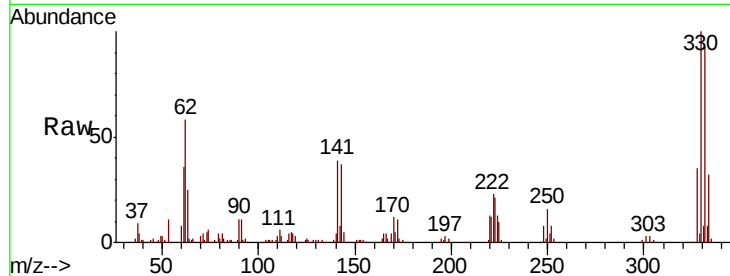




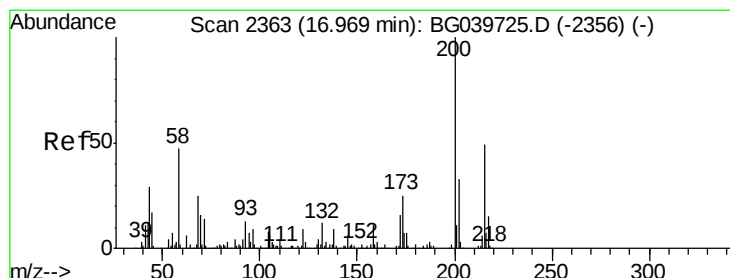
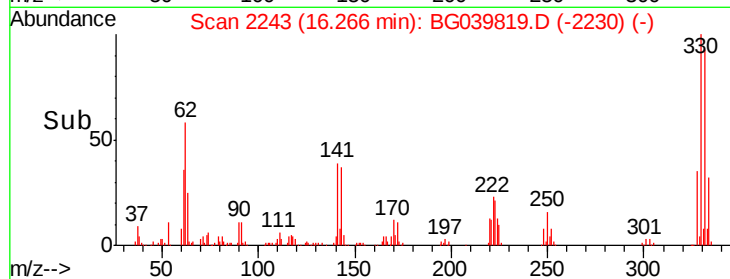
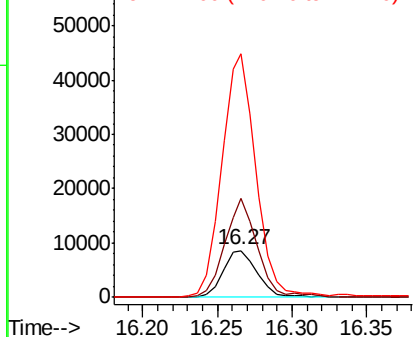
#67
4-Bromophenyl-phenylether
Concen: 3.763 ng
RT: 16.27 min Scan# 2243
Delta R.T. -0.45 min
Lab File: BG039819.D
Acq: 8 Mar 2019 13:41

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 13870
Ion Ratio Lower Upper
248 100
250 210.2 77.6 116.4#
141 520.0 63.9 95.9#

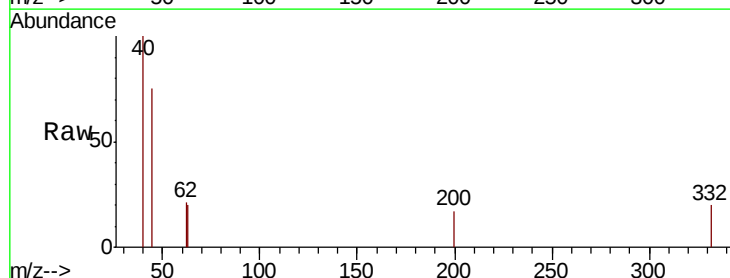


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

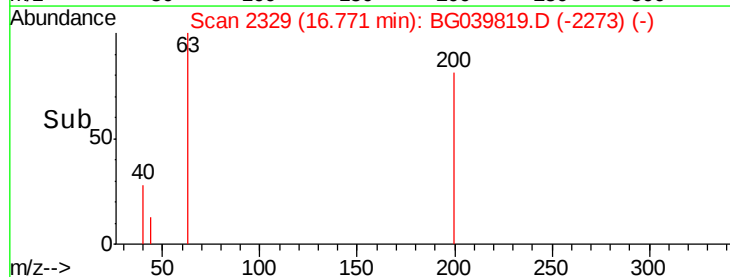
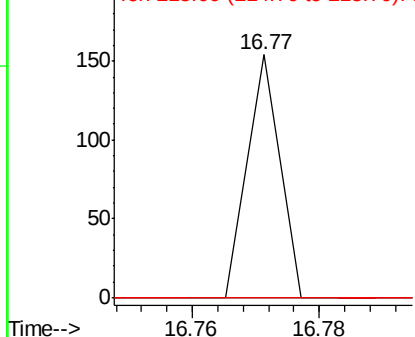


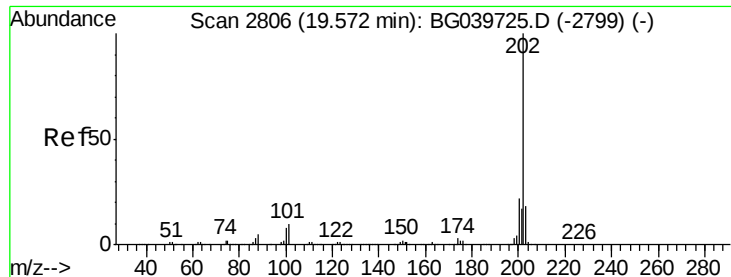
#69
Atrazine
Concen: 0.014 ng
RT: 16.77 min Scan# 2329
Delta R.T. -0.20 min
Lab File: BG039819.D
Acq: 8 Mar 2019 13:41

Tgt Ion:200 Resp: 54
Ion Ratio Lower Upper
200 100
173 0.0 3.9 43.9#
215 0.0 30.9 70.9#



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#75

Fluoranthene

Concen: 0.003 ng

RT: 19.23 min Scan# 2747

Delta R.T. -0.35 min

Lab File: BG039819.D

Acq: 8 Mar 2019 13:41

Instrument :

BNA_G

ClientSampleId :

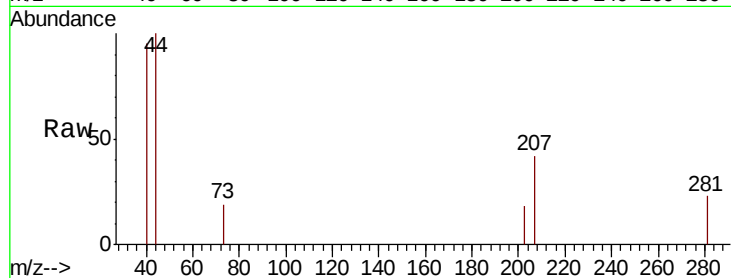
Tot Ion:202 Resp: 57

Ion Ratio Lower Upper

202 100

101 0.0 0.0 30.0

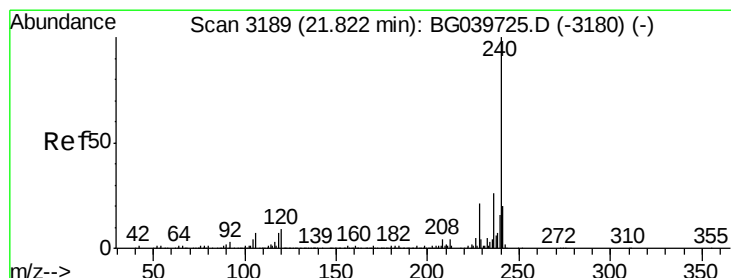
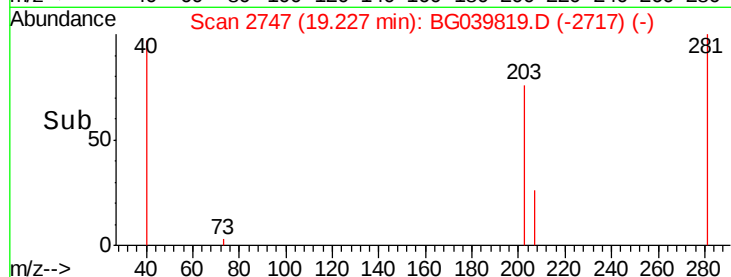
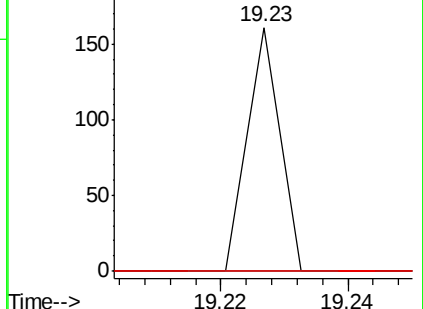
203 0.0 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.81 min Scan# 3187

Delta R.T. -0.02 min

Lab File: BG039819.D

Acq: 8 Mar 2019 13:41

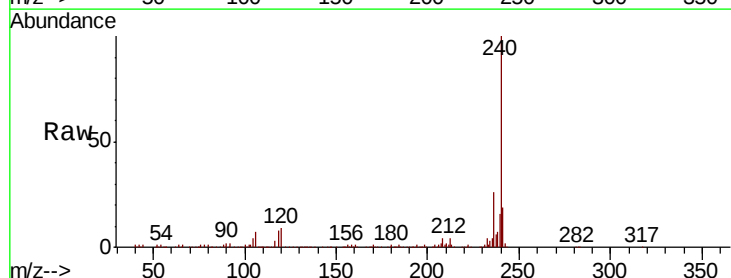
Tgt Ion:240 Resp: 344426

Ion Ratio Lower Upper

240 100

120 8.9 7.0 10.6

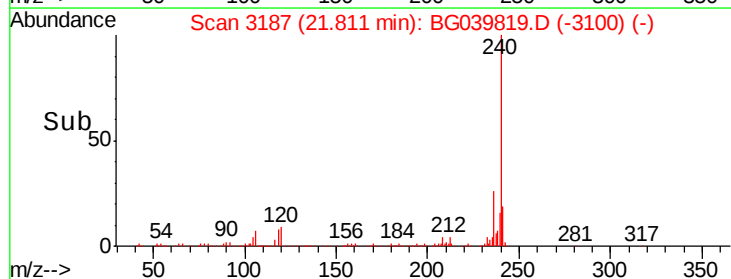
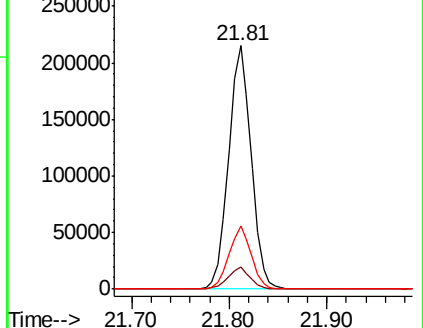
236 25.9 21.0 31.4

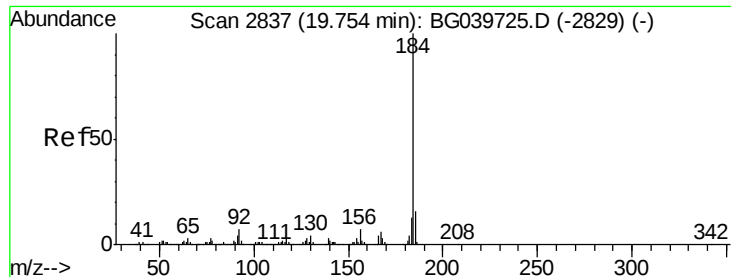


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 1.805 ng

RT: 20.11 min Scan# 2898

Delta R.T. 0.36 min

Lab File: BG039819.D

Acq: 8 Mar 2019 13:41

Instrument :

BNA_G

ClientSampleId :

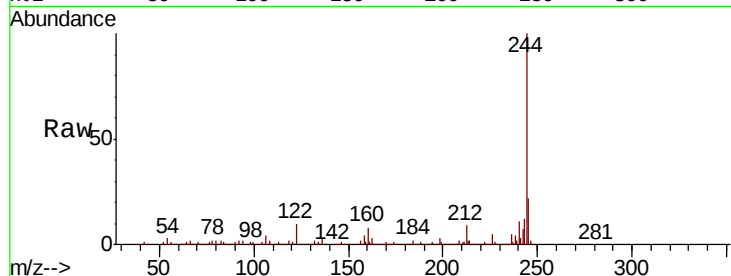
Tot Ion:184 Resp: 19727

Ion Ratio Lower Upper

184 100

185 16.3 12.2 18.2

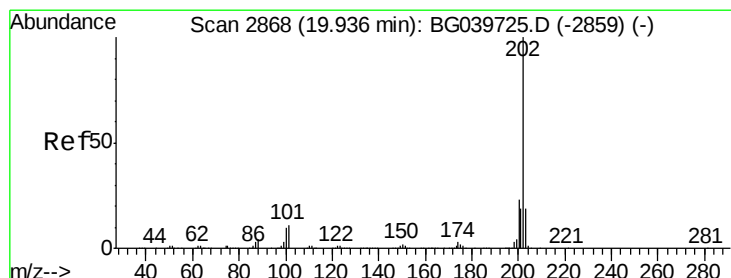
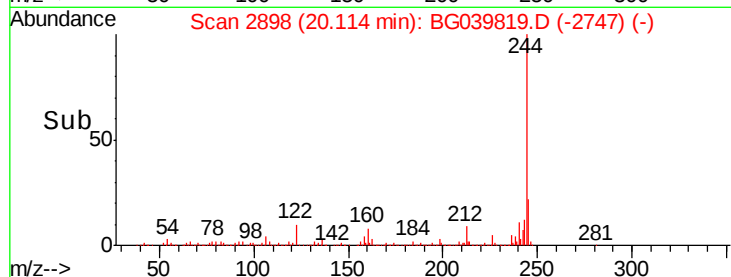
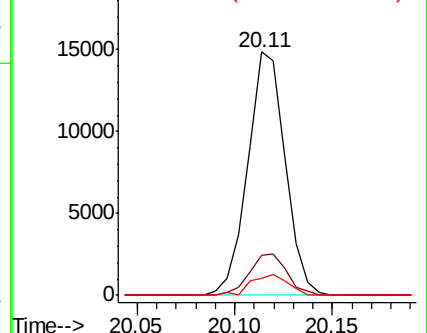
183 7.2 10.6 15.8#



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



#78

Pyrene

Concen: 0.217 ng

RT: 20.12 min Scan# 2899

Delta R.T. 0.18 min

Lab File: BG039819.D

Acq: 8 Mar 2019 13:41

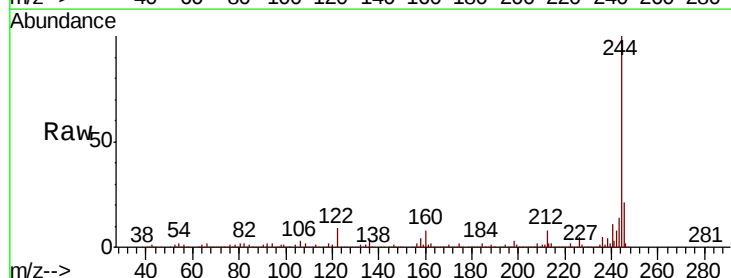
Tgt Ion:202 Resp: 4864

Ion Ratio Lower Upper

202 100

200 43.5 17.8 26.8#

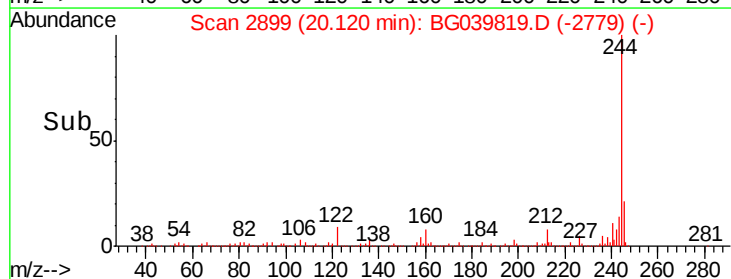
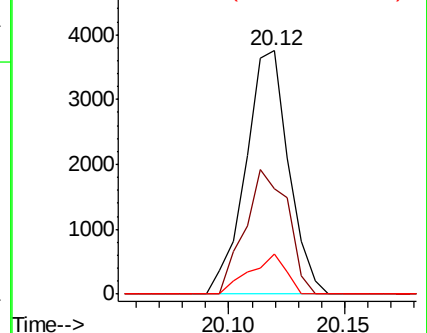
203 16.3 15.3 22.9

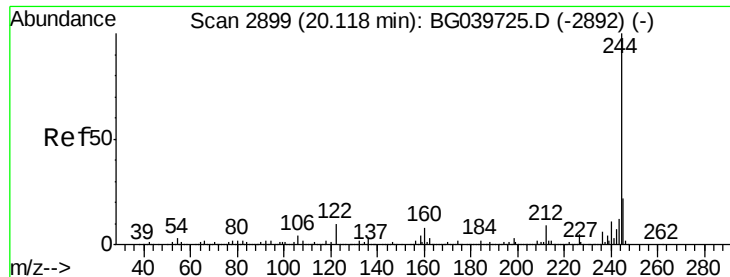


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 74.507 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG039819.D

Acq: 8 Mar 2019 13:41

Instrument :

BNA_G

ClientSampled :

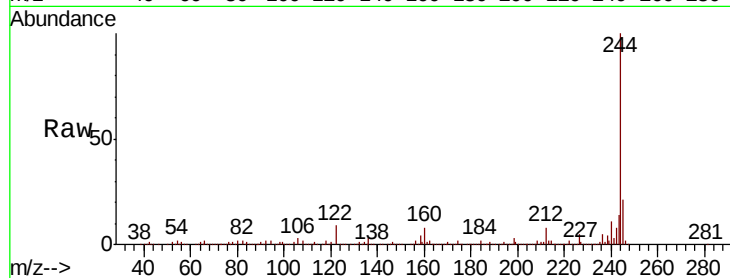
Tot Ion:244 Resp: 116511

Ion Ratio Lower Upper

244 100

212 8.5 7.3 10.9

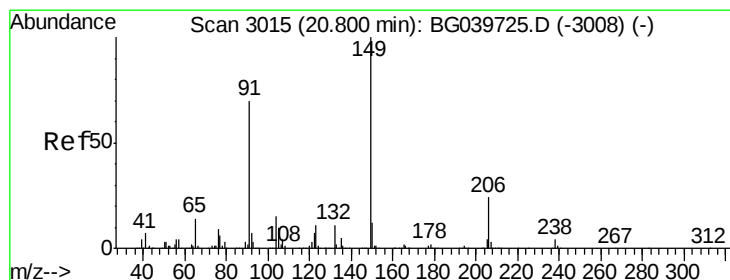
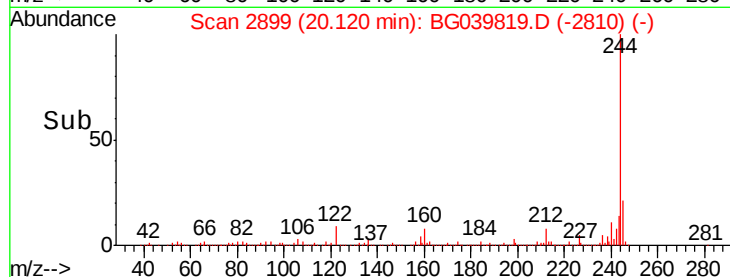
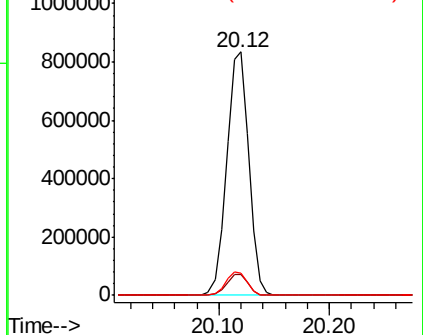
122 9.0 8.4 12.6



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



#80

Butylbenzylphthalate

Concen: 0.006 ng

RT: 20.81 min Scan# 3017

Delta R.T. 0.01 min

Lab File: BG039819.D

Acq: 8 Mar 2019 13:41

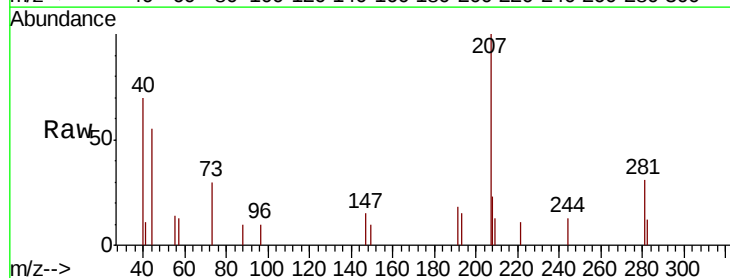
Tgt Ion:149 Resp: 55

Ion Ratio Lower Upper

149 100

91 0.0 59.5 89.3#

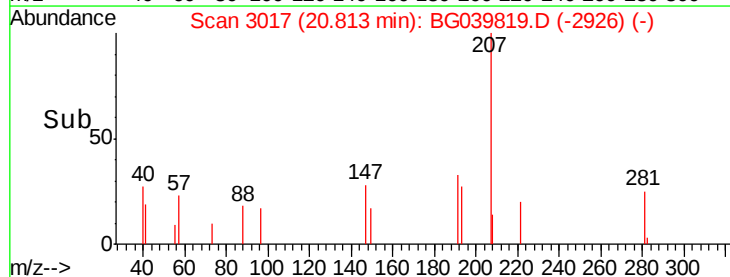
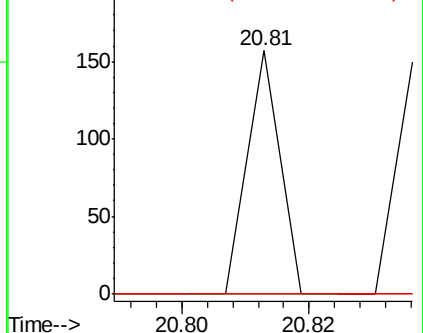
206 0.0 18.6 27.8#

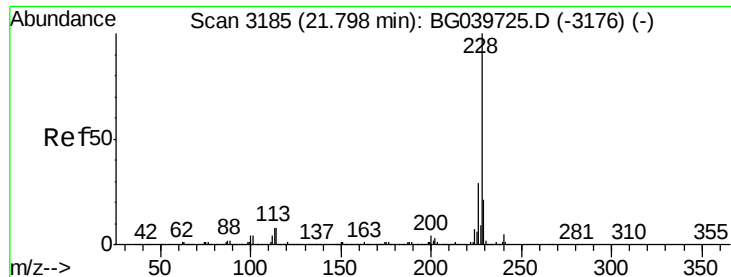


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.042 ng

RT: 21.81 min Scan# 3187

Delta R.T. 0.01 min

Lab File: BG039819.D

Acq: 8 Mar 2019 13:41

Instrument :

BNA_G

ClientSampleId :

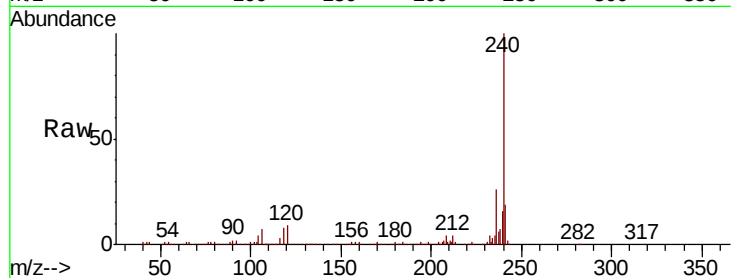
Tot Ion:228 Resp: 901

Ion Ratio Lower Upper

228 100

226 0.0 23.0 34.6#

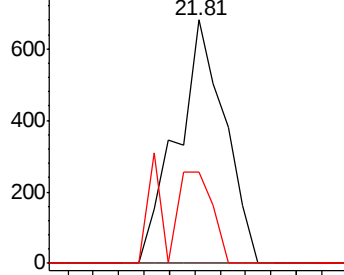
229 37.7 16.9 25.3#



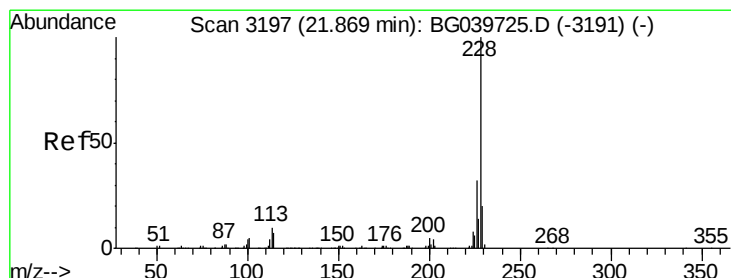
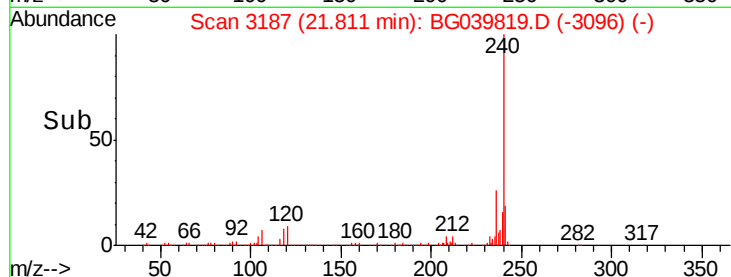
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#83

Chrysene

Concen: 0.043 ng

RT: 21.81 min Scan# 3187

Delta R.T. -0.06 min

Lab File: BG039819.D

Acq: 8 Mar 2019 13:41

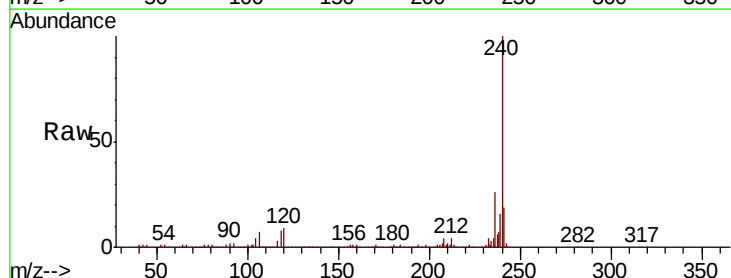
Tgt Ion:228 Resp: 901

Ion Ratio Lower Upper

228 100

226 0.0 25.8 38.6#

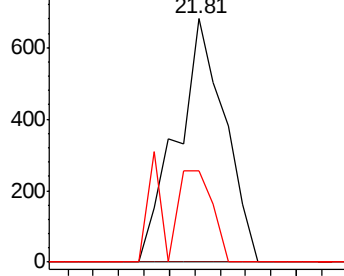
229 37.7 16.6 25.0#



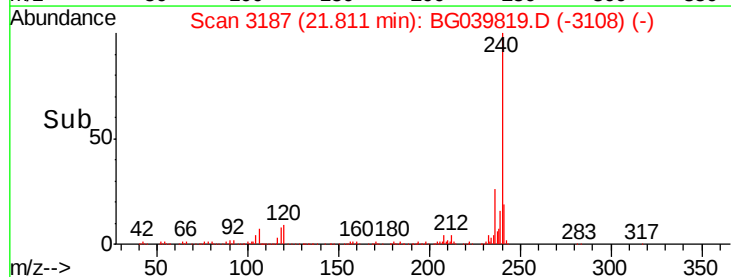
Abundance Ion 228.00 (227.70 to 228.70): E

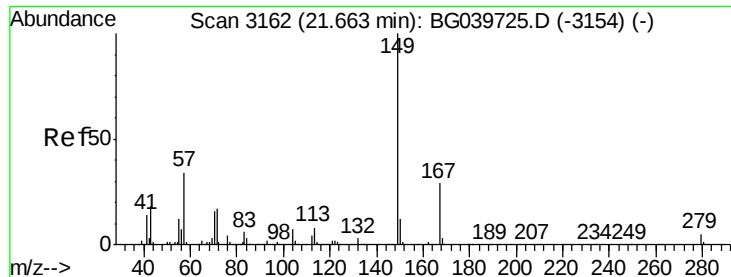
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.007 ng

RT: 21.65 min Scan# 3160

Delta R.T. -0.02 min

Lab File: BG039819.D

Acq: 8 Mar 2019 13:41

Instrument :

BNA_G

ClientSampleId :

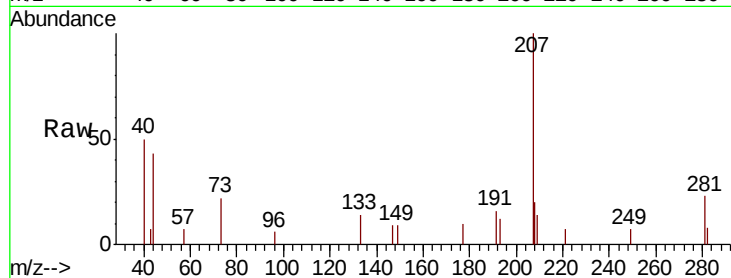
Tot Ion:149 Resp: 83

Ion Ratio Lower Upper

149 100

167 0.0 22.6 34.0#

279 0.0 3.5 5.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

21.65

250

200

150

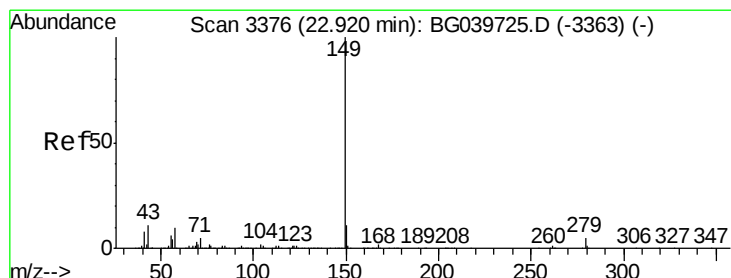
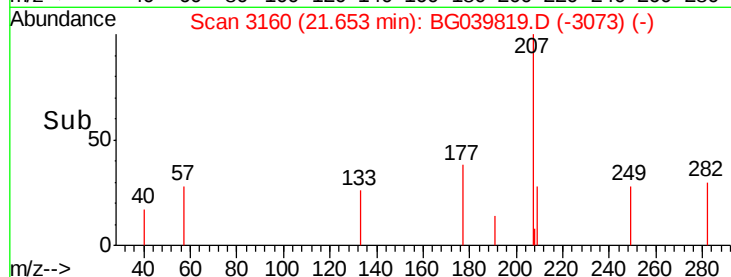
100

50

0

21.64 21.66

Time-->



#85

Di-n-octyl phthalate

Concen: 0.004 ng

RT: 22.91 min Scan# 3374

Delta R.T. -0.02 min

Lab File: BG039819.D

Acq: 8 Mar 2019 13:41

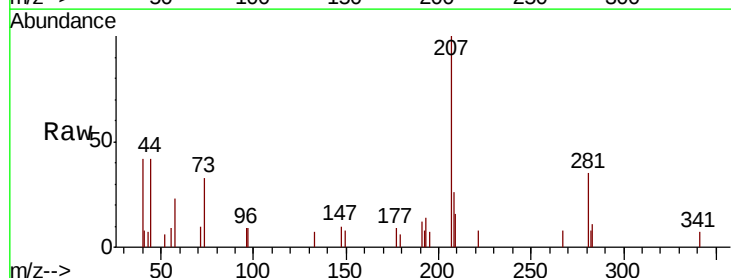
Tgt Ion:149 Resp: 74

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

43 121.6 10.2 15.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

22.91

400

300

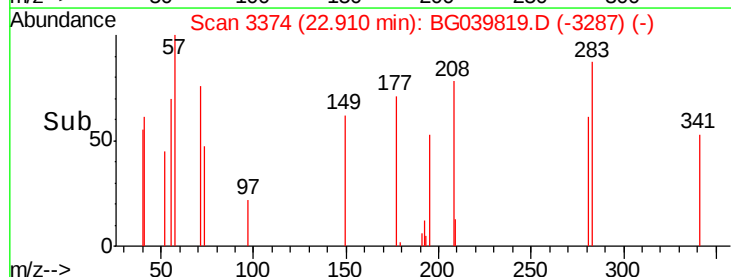
200

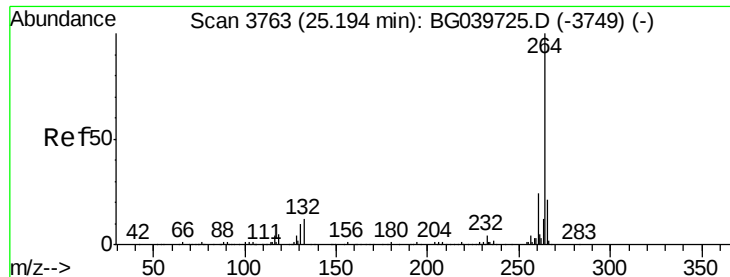
100

0

22.90 22.92

Time-->

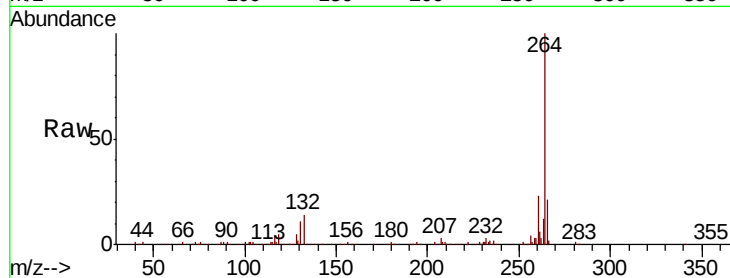




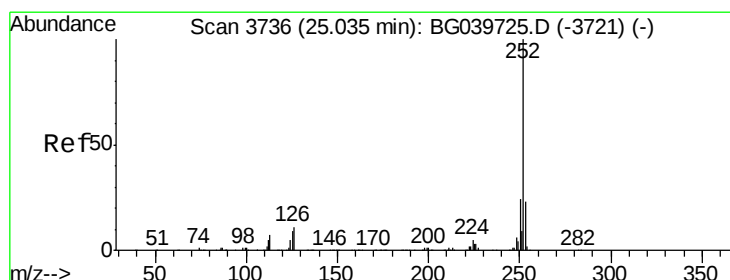
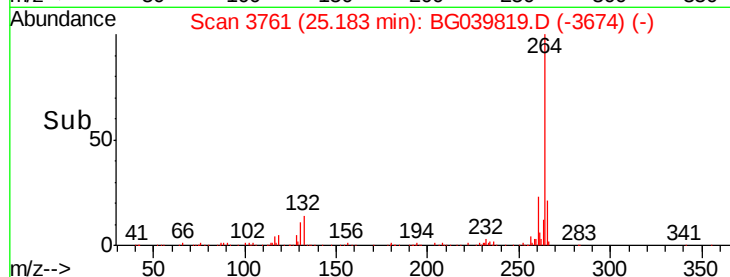
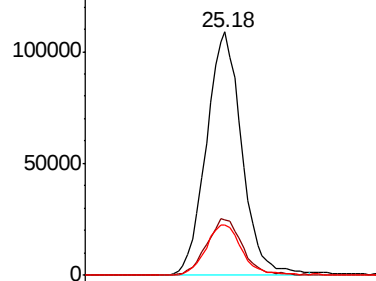
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.18 min Scan# 3761
Delta R.T. -0.02 min
Lab File: BG039819.D
Acq: 8 Mar 2019 13:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 338222
Ion Ratio Lower Upper
264 100
260 22.8 18.2 27.4
265 20.6 18.5 27.7

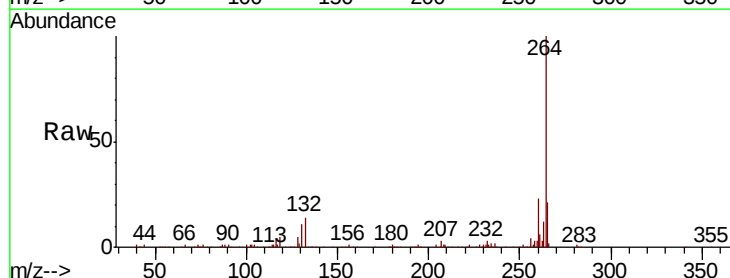


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#90
Benzo(a)pyrene
Concen: 0.071 ng
RT: 25.18 min Scan# 3761
Delta R.T. 0.14 min
Lab File: BG039819.D
Acq: 8 Mar 2019 13:41

Tgt Ion:252 Resp: 1326
Ion Ratio Lower Upper
252 100
253 40.5 17.9 26.9#
125 36.4 8.3 12.5#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

