

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031919\
 Data File : BG040013.D
 Acq On : 19 Mar 2019 21:57
 Operator : JU/SJ
 Sample : K1956-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-8

Quant Time: Mar 20 04:13:27 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	8.14	152	36914	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	157723	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	103885	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	258320	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	279336	20.00	ng	-0.03
87) Perylene-d12	25.15	264	283803	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.69	112	305747	141.30	ng	-0.02
7) Phenol-d6	7.29	99	450049	139.49	ng	-0.02
23) Nitrobenzene-d5	9.32	82	274731	94.21	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	170338	140.68	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	655767	89.88	ng	-0.02
79) Terphenyl-d14	20.11	244	1065647	84.00	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.65	88	56	0.056	ng	# 1
4) n-Nitrosodimethylamine	3.93	42	75	0.059	ng	# 1
6) Aniline	7.33	93	53	0.013	ng	# 1
9) Benzaldehyde	7.29	77	800	0.384	ng	# 4
10) Phenol	7.32	94	6338	1.813	ng	# 78
11) bis(2-Chloroethyl)ether	7.66	93	513	0.188	ng	# 1
15) Benzyl Alcohol	8.46	79	4018	1.570	ng	# 51
16) 2,2'-oxybis(1-Chloropropan	8.31	45	56	0.010	ng	# 75
19) n-Nitroso-di-n-propylamine	9.32	70	36074	15.534	ng	# 64
22) Acetophenone	9.00	105	108	0.026	ng	# 44
24) Nitrobenzene	9.32	77	833	0.272	ng	# 41
28) bis(2-Chloroethoxy)methane	10.43	93	72	0.019	ng	# 51
46) 1,1'-Biphenyl	13.61	154	863	0.101	ng	# 73
48) 2-Nitroaniline	14.22	65	378	0.183	ng	# 1
50) Dimethylphthalate	14.21	163	51688	5.950	ng	# 99
51) 2,6-Dinitrotoluene	14.21	165	560	0.304	ng	# 1
52) Acenaphthene	14.77	154	186	0.029	ng	# 5
57) 2,4-Dinitrotoluene	14.77	165	13271	5.129	ng	# 17
58) Fluorene	16.25	166	7311	0.893	ng	# 94
60) Diethylphthalate	15.56	149	151	0.018	ng	# 58
63) Azobenzene	16.25	77	1130	0.145	ng	# 1
65) 4,6-Dinitro-2-methylphenol	16.25	198	693	0.454	ng	# 1
66) n-Nitrosodiphenylamine	16.25	169	7414	0.991	ng	# 55
67) 4-Bromophenyl-phenylether	16.25	248	13420	4.641	ng	# 1
71) Phenanthrene	17.56	178	618	0.043	ng	# 59
72) Anthracene	17.56	178	618	0.045	ng	# 60
74) Di-n-butylphthalate	18.45	149	1630	0.111	ng	# 77
75) Fluoranthene	19.56	202	336	0.020	ng	# 63
77) Benzidine	20.11	184	18874	2.129	ng	# 94
78) Pyrene	19.93	202	258	0.014	ng	# 55
80) Butylbenzylphthalate	20.78	149	83	0.012	ng	# 22
81) Benzo(a)anthracene	21.80	228	935	0.053	ng	# 58
82) 3,3'-Dichlorobenzidine	21.68	252	54	0.008	ng	# 26
83) Chrysene	21.80	228	935	0.055	ng	# 55

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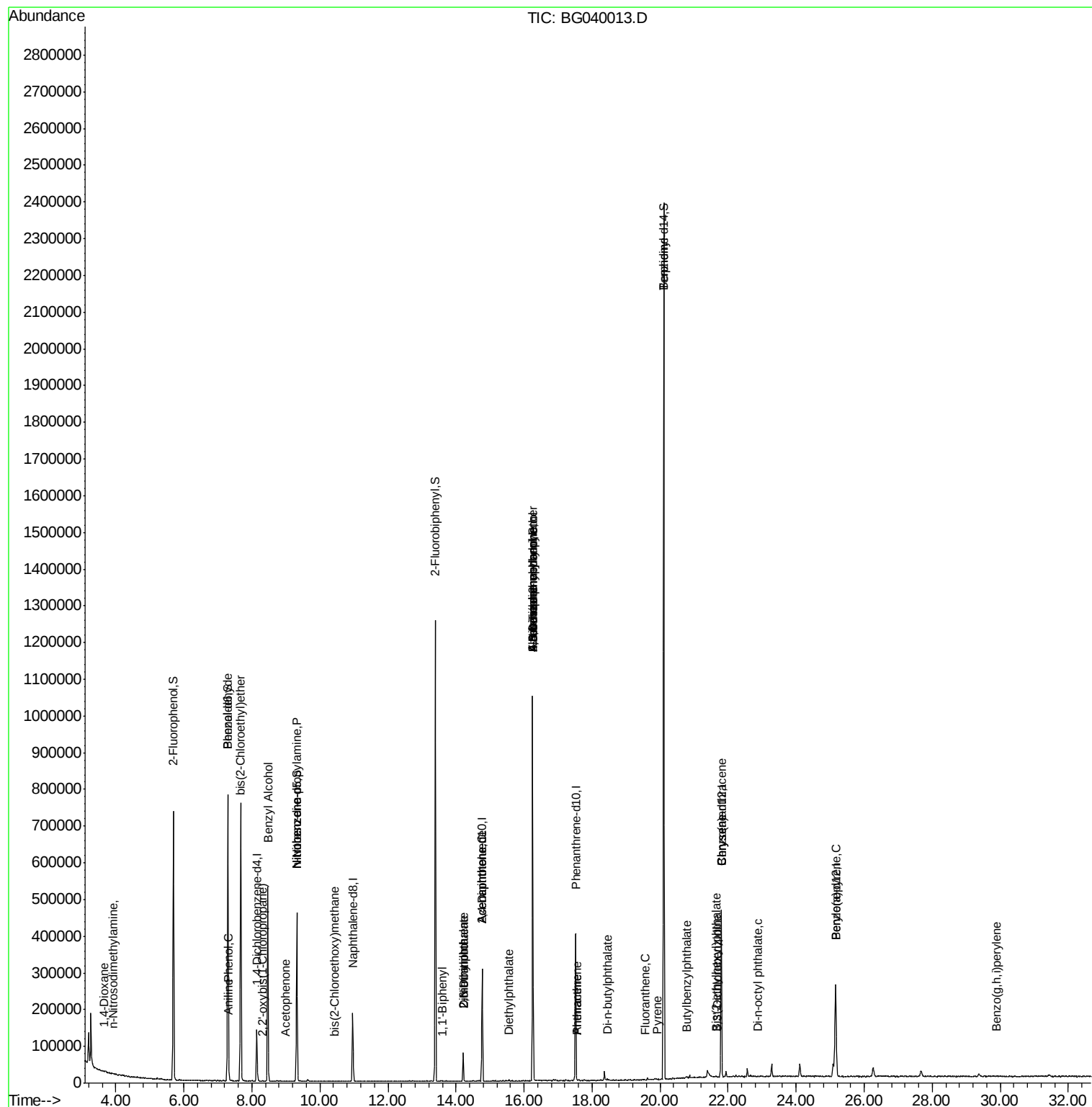
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) Bis(2-ethylhexyl)phthalate	21.64	149	216	0.022	ng	# 52
85) Di-n-octyl phthalate	22.88	149	63	0.004	ng	# 71
90) Benzo(a)pyrene	25.16	252	910	0.058	ng	# 43
92) Benzo(g,h,i)perylene	29.88	276	60	0.004	ng	# 54

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 860

Delta R.T. -0.03 min

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ClientSampleId :

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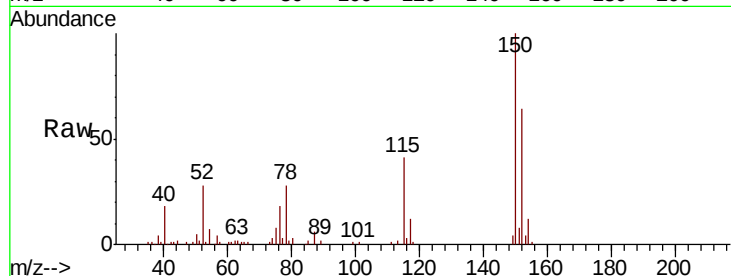
Tgt Ion:152 Resp: 36914

Ion Ratio Lower Upper

152 100

150 155.4 123.7 185.5

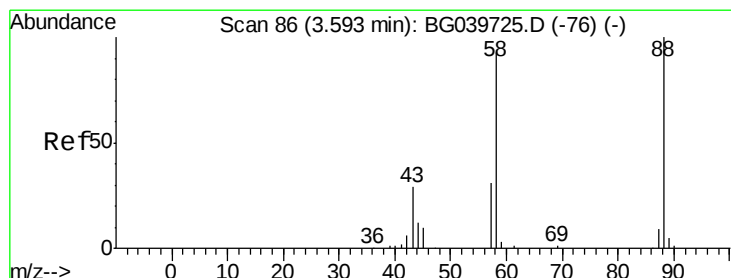
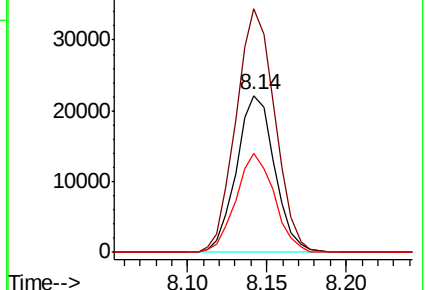
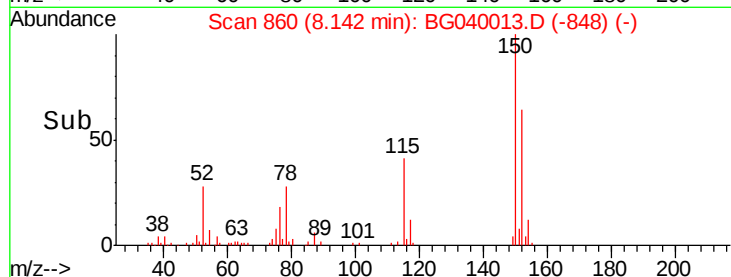
115 63.2 45.9 68.9



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



#2

1,4-Dioxane

Concen: 0.056 ng

RT: 3.65 min Scan# 96

Delta R.T. 0.05 min

Lab File: BG040013.D

Acq: 19 Mar 2019 21:57

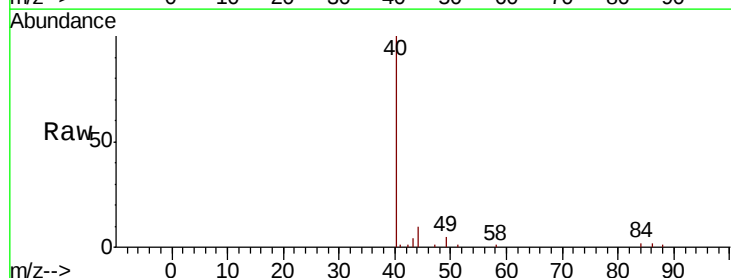
Tgt Ion: 88 Resp: 56

Ion Ratio Lower Upper

88 100

58 812.5 81.1 121.7#

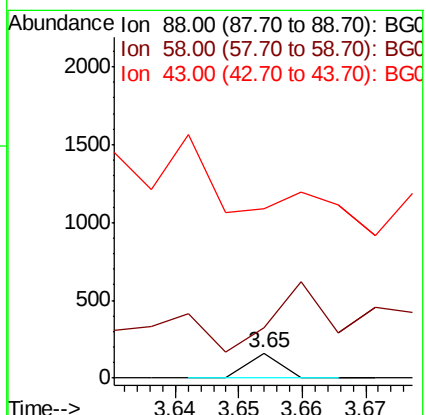
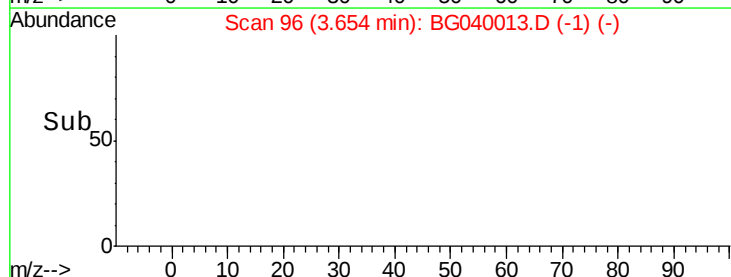
43 0.0 31.4 47.0#

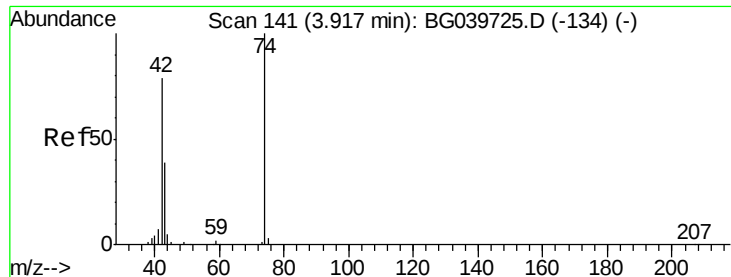


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#4

n-Nitrosodimethylamine

Concen: 0.059 ng

RT: 3.93 min Scan# 143

Delta R.T. 0.00 min

Lab File: BG040013.D

Acq: 19 Mar 2019 21:57

Instrument :

BNA_G

ClientSampleId :

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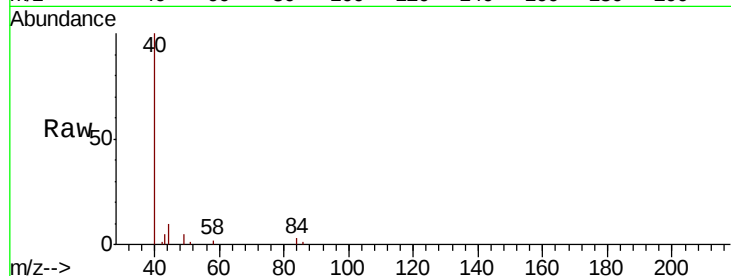
Tgt Ion: 42 Resp: 75

Ion Ratio Lower Upper

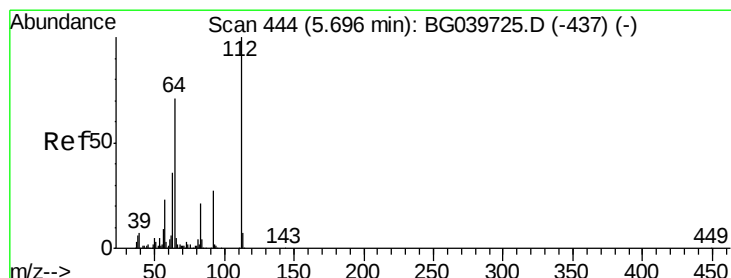
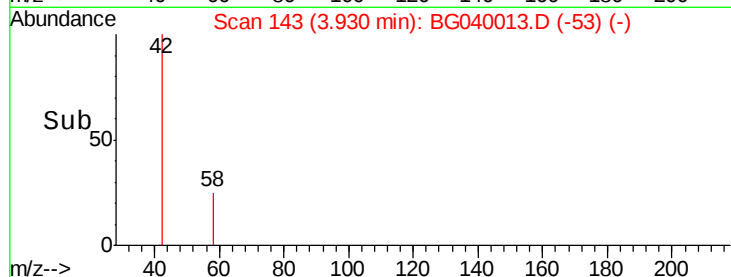
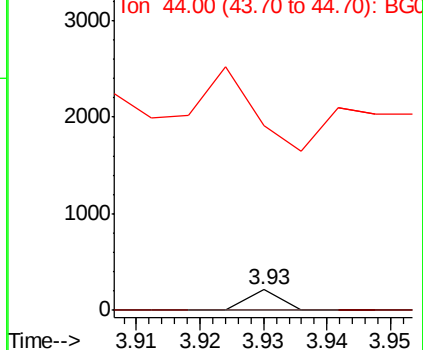
42 100

74 0.0 83.6 125.4#

44 904.2 6.9 10.3#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC



#5

2-Fluorophenol

Concen: 141.303 ng

RT: 5.69 min Scan# 443

Delta R.T. -0.02 min

Lab File: BG040013.D

Acq: 19 Mar 2019 21:57

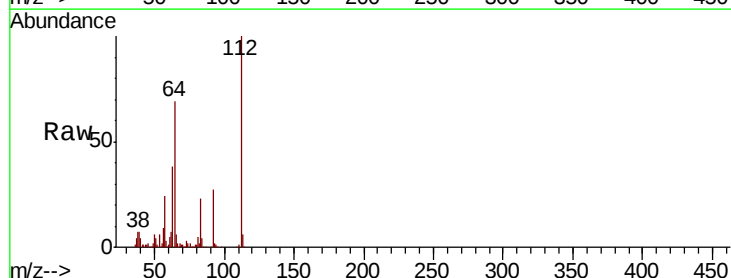
Tgt Ion: 112 Resp: 305747

Ion Ratio Lower Upper

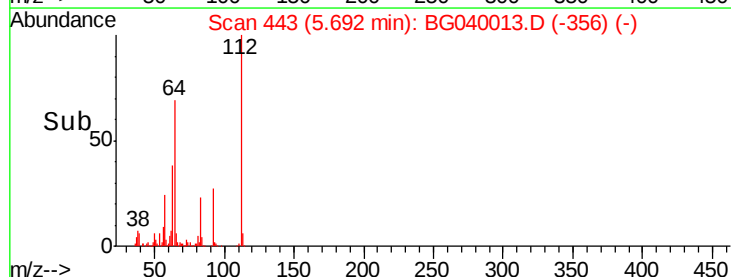
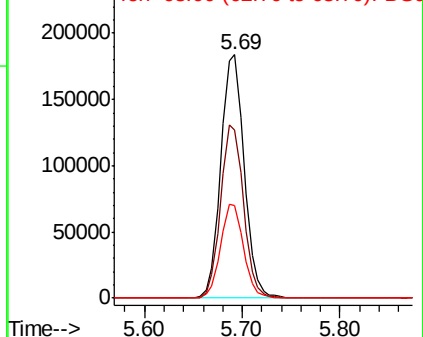
112 100

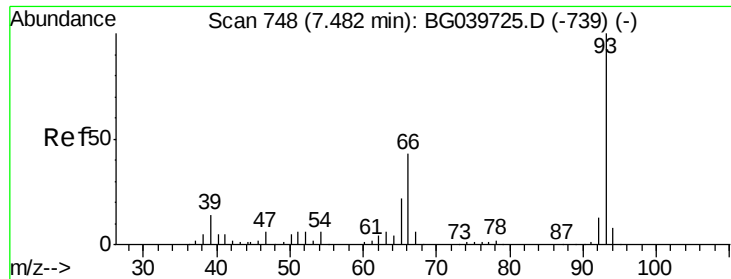
64 68.9 57.8 86.8

63 38.1 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#6

Aniline

Concen: 0.013 ng

RT: 7.33 min Scan# 721

Delta R.T. -0.17 min

Lab File: BG040013.D

Acq: 19 Mar 2019 21:57

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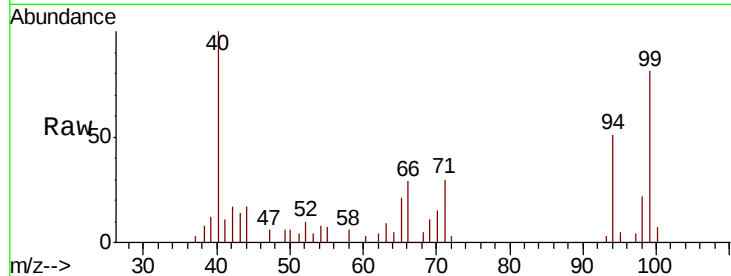
Tgt Ion: 93 Resp: 53

Ion Ratio Lower Upper

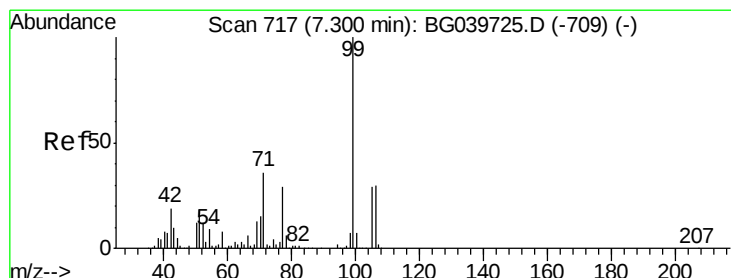
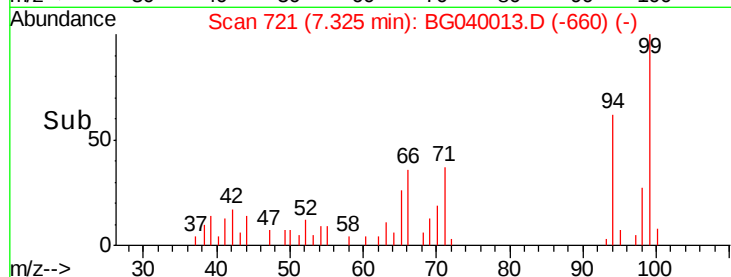
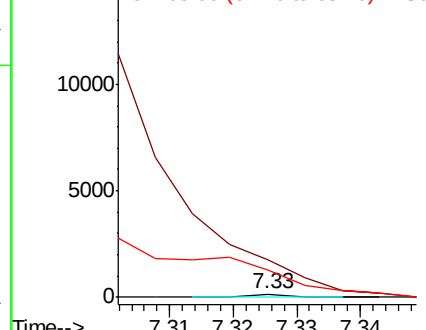
93 100

66 1161.6 34.2 51.4#

65 847.0 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: 139.494 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040013.D

Acq: 19 Mar 2019 21:57

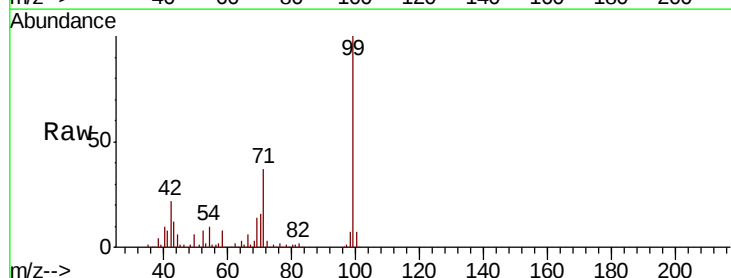
Tgt Ion: 99 Resp: 450049

Ion Ratio Lower Upper

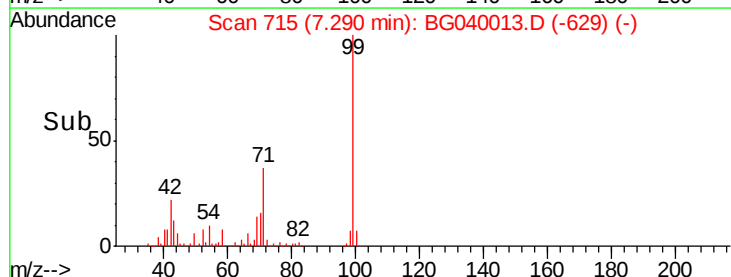
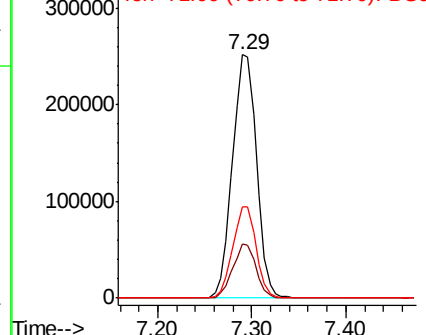
99 100

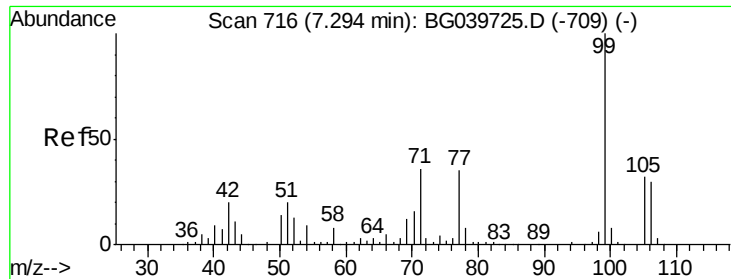
42 22.2 18.2 27.2

71 37.4 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





#9

Benzaldehyde

Concen: 0.384 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040013.D

Acq: 19 Mar 2019 21:57

Instrument :

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ClientSampleId :

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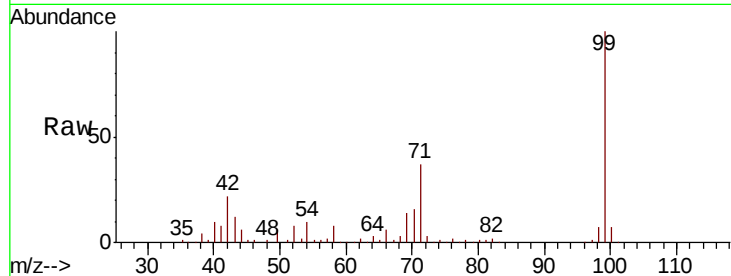
Tgt Ion: 77 Resp: 800

Ion Ratio Lower Upper

77 100

105 0.0 74.5 114.5#

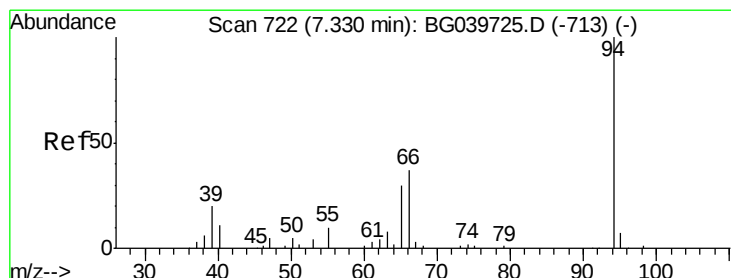
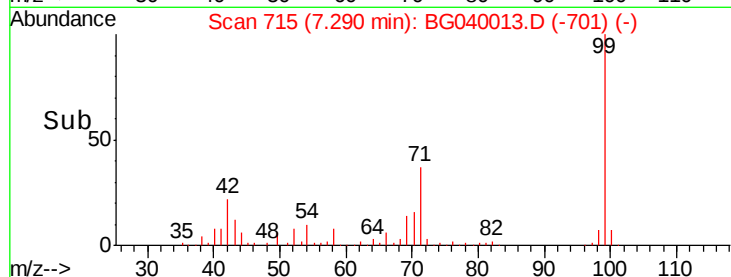
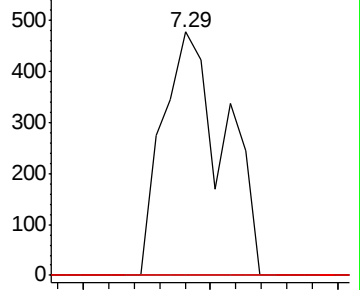
106 0.0 68.0 108.0#



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 1.813 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BG040013.D

Acq: 19 Mar 2019 21:57

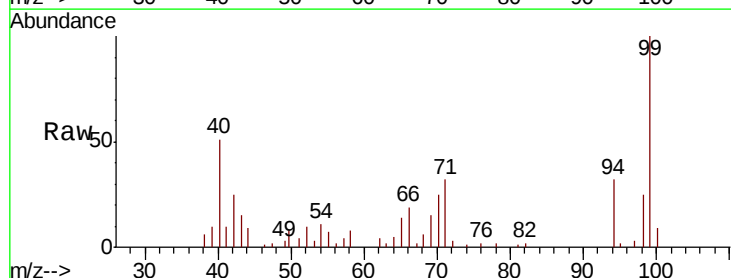
Tgt Ion: 94 Resp: 6338

Ion Ratio Lower Upper

94 100

65 43.8 11.7 51.7

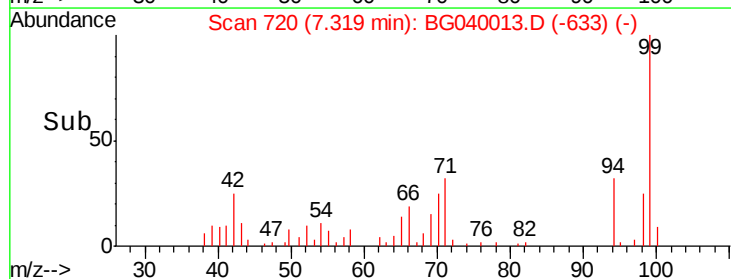
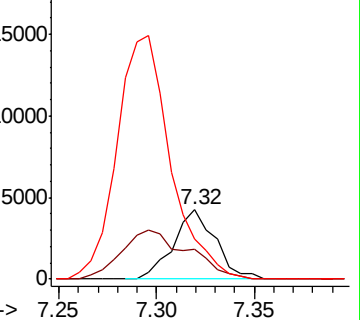
66 58.0 23.7 63.7

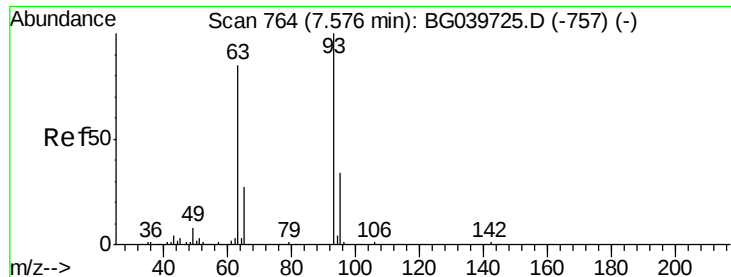


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

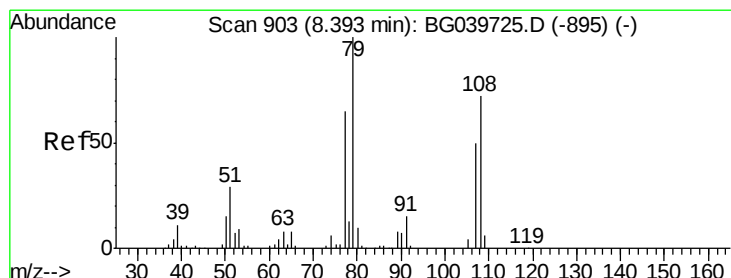
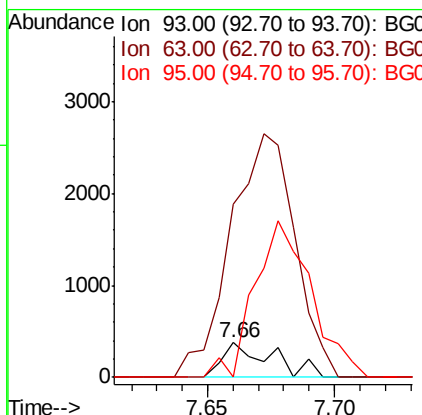
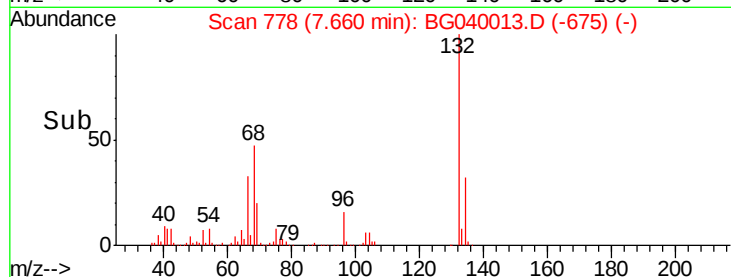
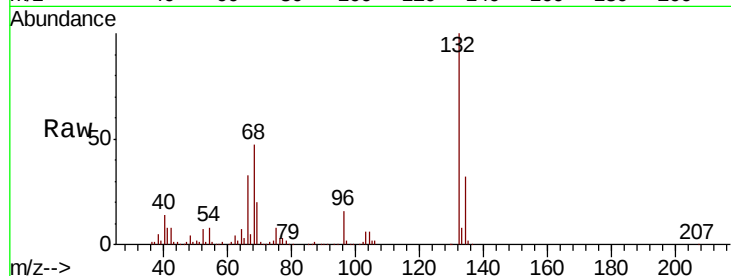




#11
bis(2-Chloroethyl)ether
Concen: 0.188 ng
RT: 7.66 min Scan# 778
Delta R.T. 0.08 min
Lab File: BG040013.D
Acq: 19 Mar 2019 21:57

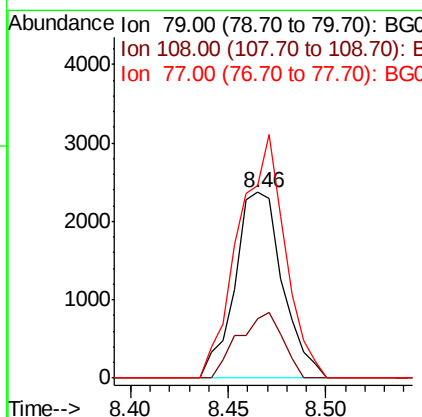
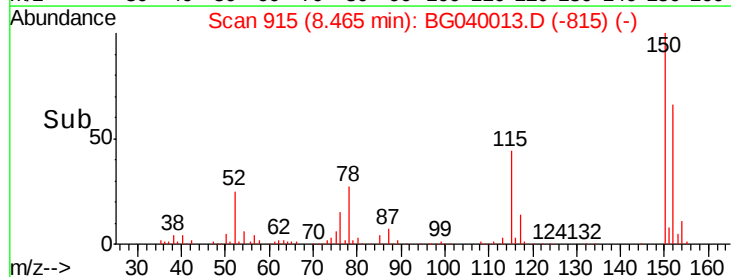
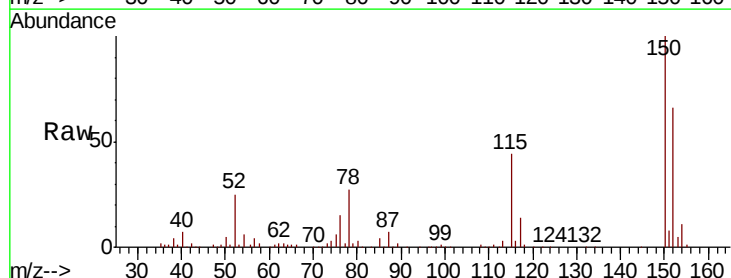
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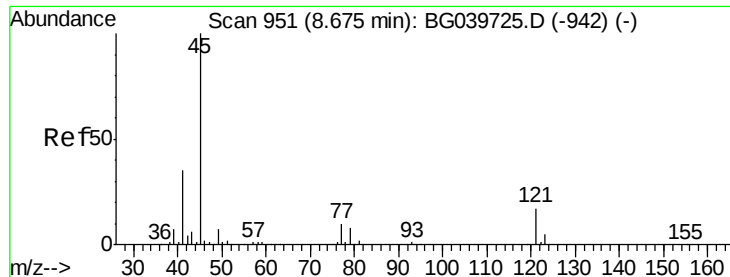
Tgt Ion: 93 Resp: 513
Ion Ratio Lower Upper
93 100
63 498.1 69.5 109.5#
95 0.0 12.7 52.7#



#15
Benzyl Alcohol
Concen: 1.570 ng
RT: 8.46 min Scan# 915
Delta R.T. 0.06 min
Lab File: BG040013.D
Acq: 19 Mar 2019 21:57

Tgt Ion: 79 Resp: 4018
Ion Ratio Lower Upper
79 100
108 32.0 57.8 86.6#
77 103.3 51.1 76.7#

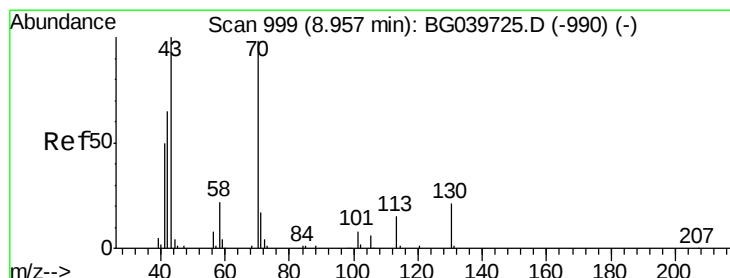
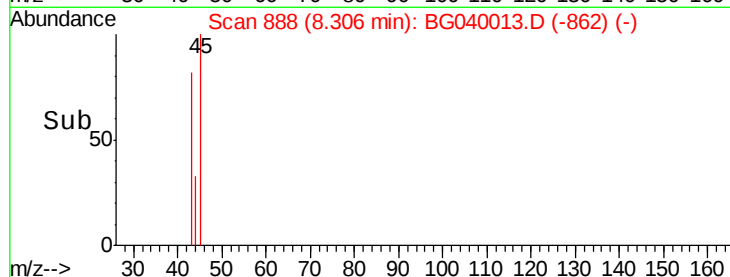
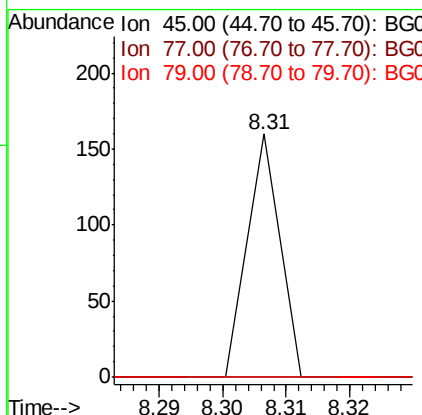
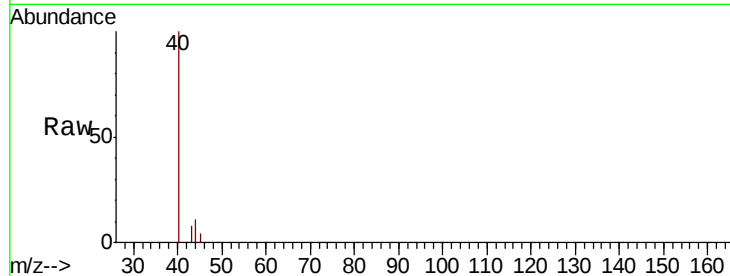




#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 0.010 ng
 RT: 8.31 min Scan# 888
 Delta R.T. -0.37 min
 Lab File: BG040013.D
 Acq: 19 Mar 2019 21:57

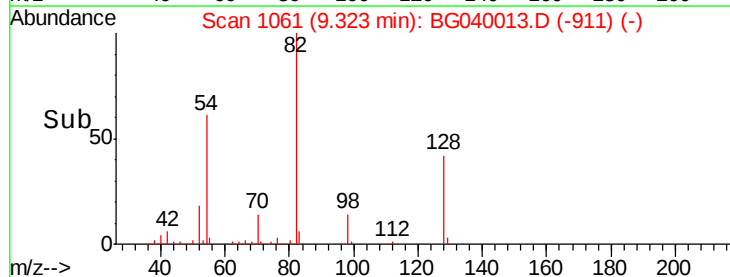
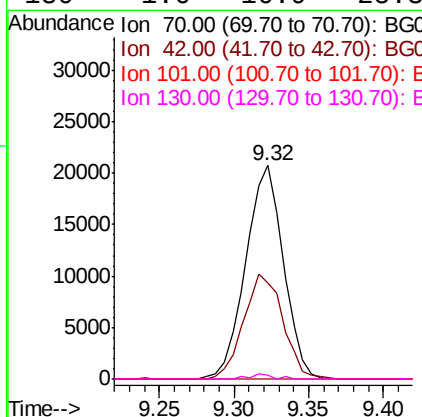
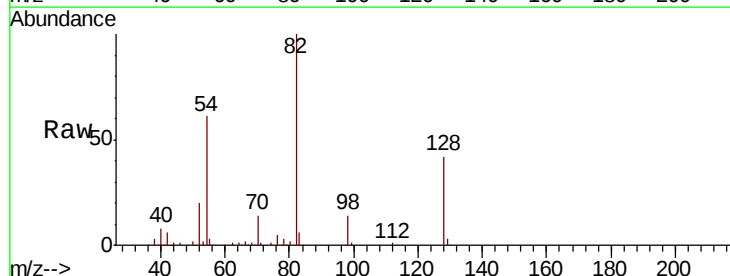
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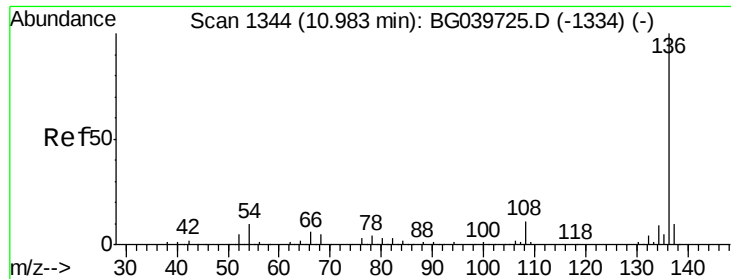
Tgt Ion: 45 Resp: 56
 Ion Ratio Lower Upper
 45 100
 77 0.0 0.0 30.0
 79 0.0 0.0 27.5



#19
 n-Nitroso-di-n-propylamine
 Concen: 15.534 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. 0.35 min
 Lab File: BG040013.D
 Acq: 19 Mar 2019 21:57

Tgt Ion: 70 Resp: 36074
 Ion Ratio Lower Upper
 70 100
 42 44.7 60.4 90.6#
 101 0.0 7.5 11.3#
 130 1.6 16.9 25.3#

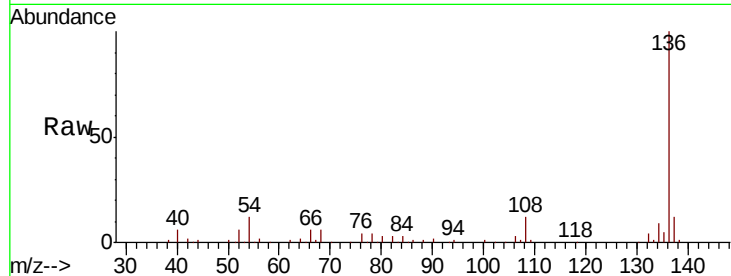




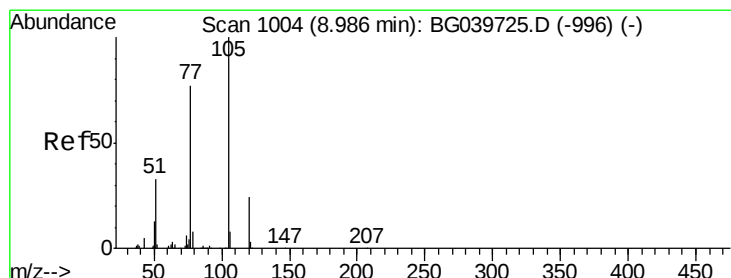
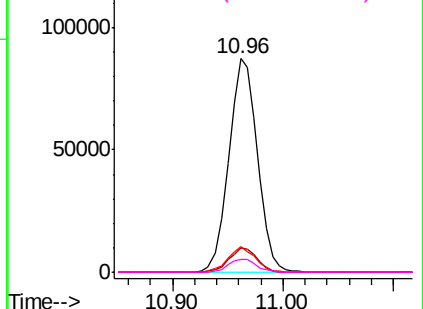
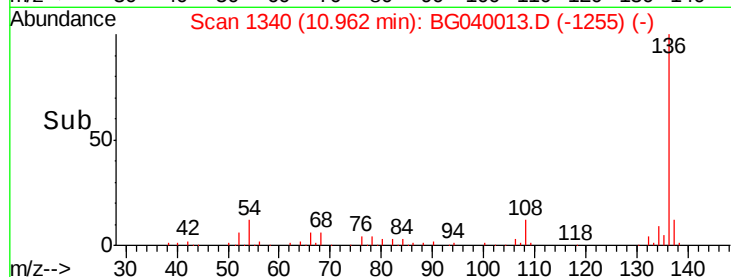
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BG040013.D
Acq: 19 Mar 2019 21:57

Instrument :
BNA_G
ClientSampleId :
TP-8

Tgt Ion:	136	Resp:	157723
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	11.9	9.4	14.2
68	5.9	4.2	6.4

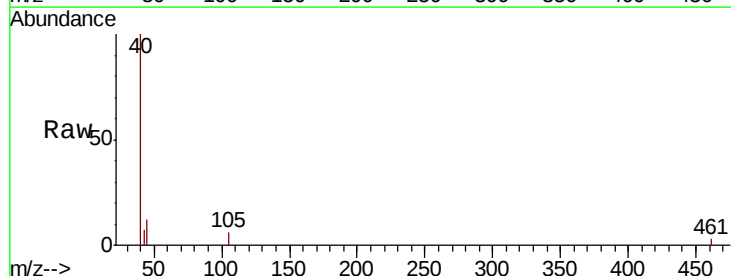


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

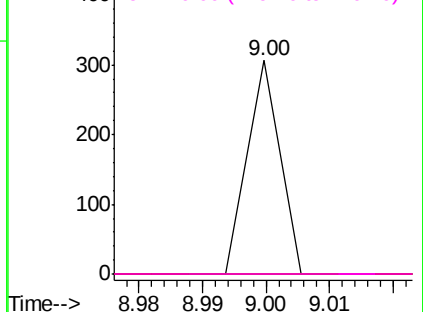
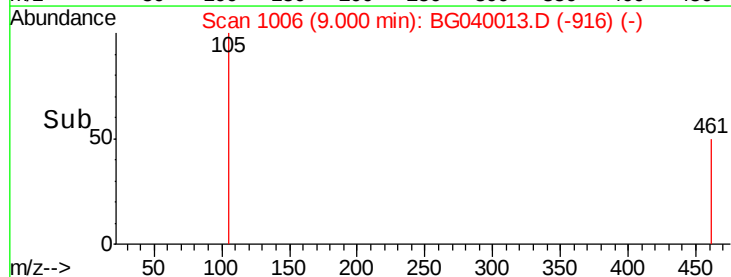


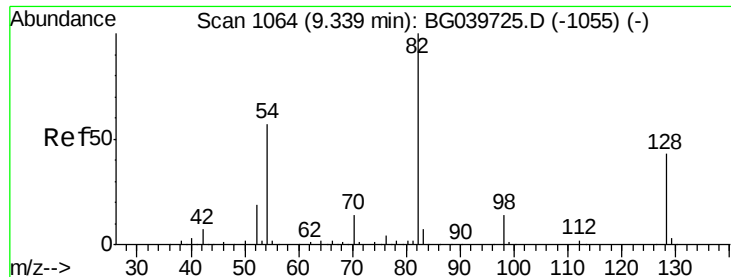
#22
Acetophenone
Concen: 0.026 ng
RT: 9.00 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BG040013.D
Acq: 19 Mar 2019 21:57

Tgt Ion:	105	Resp:	108
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.8	1.2#
51	0.0	30.2	45.2#
120	0.0	18.0	27.0#



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BG
Ion 51.00 (50.70 to 51.70): BG
Ion 120.00 (119.70 to 120.70): E

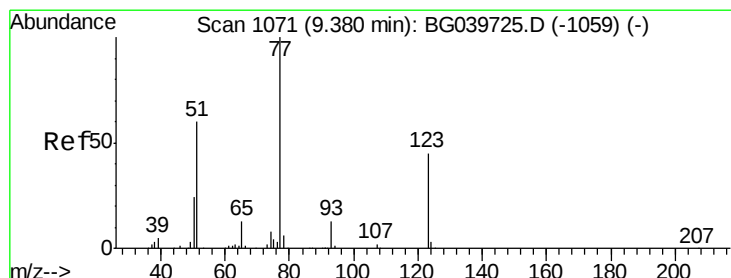
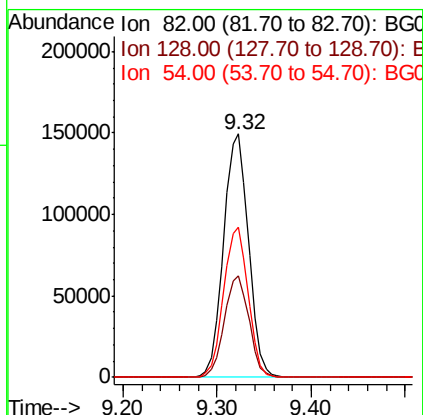
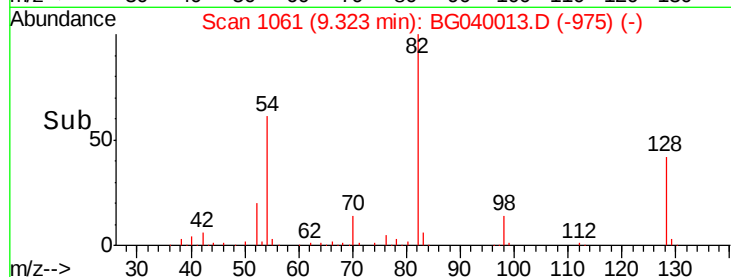
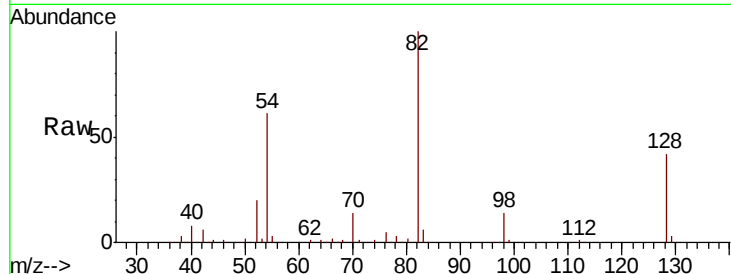




#23
 Nitrobenzene-d5
 Concen: 94.207 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG040013.D
 Acq: 19 Mar 2019 21:57

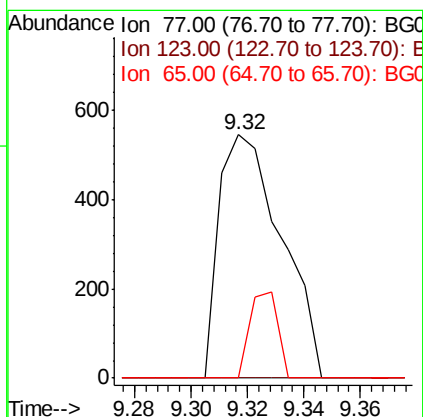
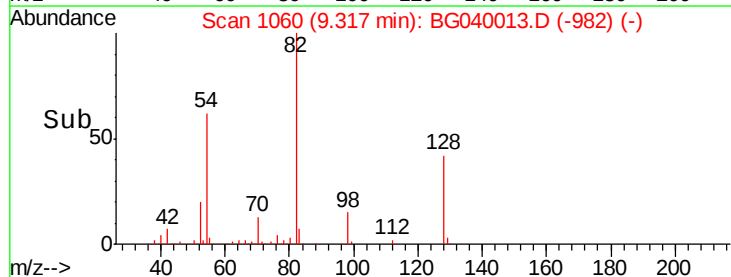
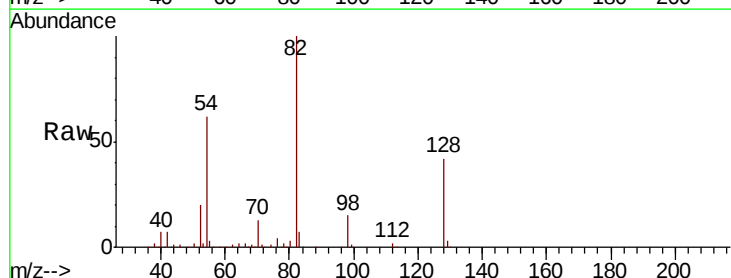
Instrument :
 BNA_G
 ClientSampled :
 TP-8

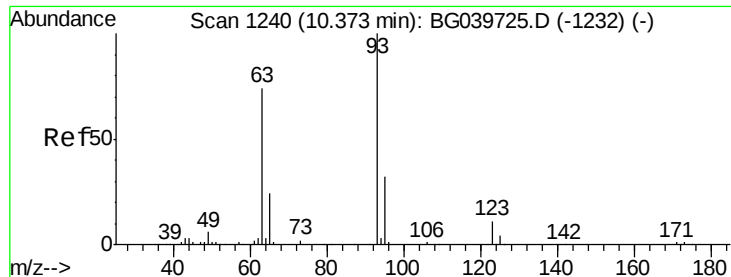
Tgt Ion: 82 Resp: 274731
 Ion Ratio Lower Upper
 82 100
 128 41.9 31.3 46.9
 54 61.5 50.9 76.3



#24
 Nitrobenzene
 Concen: 0.272 ng
 RT: 9.32 min Scan# 1060
 Delta R.T. -0.07 min
 Lab File: BG040013.D
 Acq: 19 Mar 2019 21:57

Tgt Ion: 77 Resp: 833
 Ion Ratio Lower Upper
 77 100
 123 0.0 34.1 51.1#
 65 0.0 12.3 18.5#

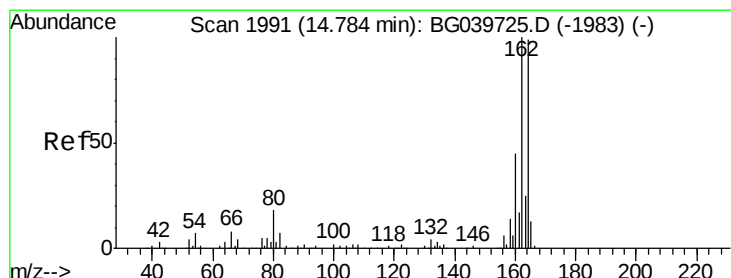
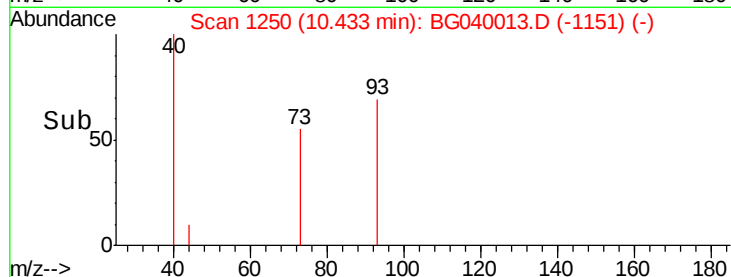
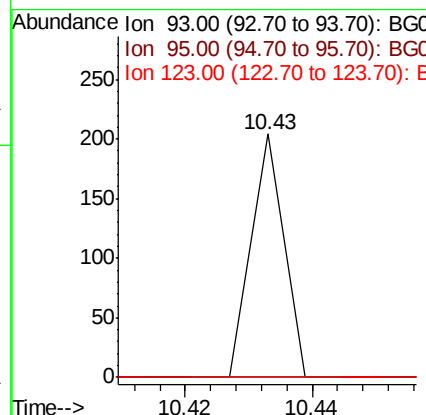
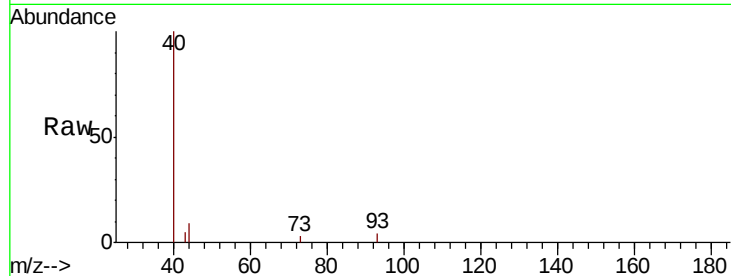




#28
 bis(2-Chloroethoxy)methane
 Concen: 0.019 ng
 RT: 10.43 min Scan# 1250
 Delta R.T. 0.05 min
 Lab File: BG040013.D
 Acq: 19 Mar 2019 21:57

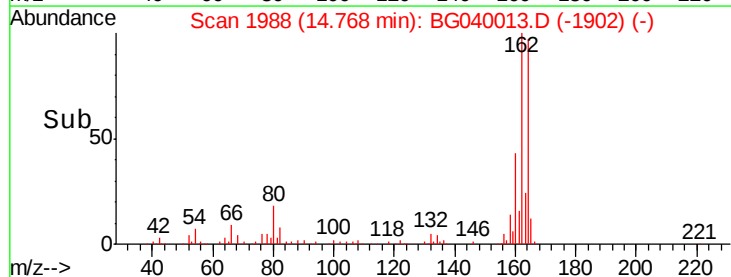
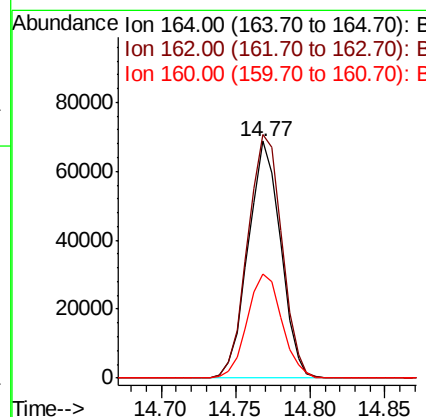
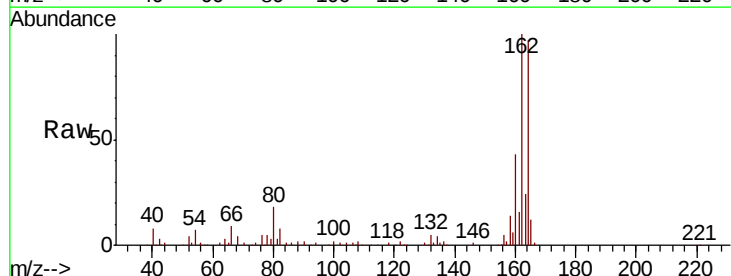
Instrument :
 BNA_G
 ClientSampled :
 TP-8

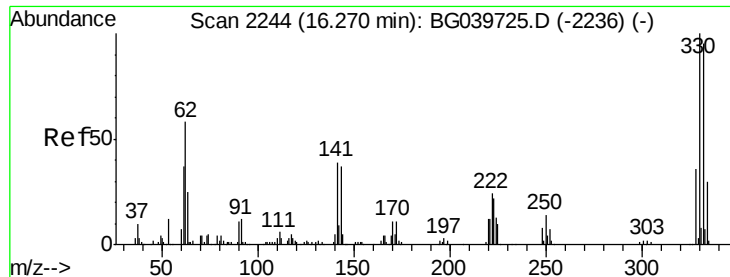
Tgt Ion: 93 Resp: 72
 Ion Ratio Lower Upper
 93 100
 95 0.0 25.0 37.4#
 123 0.0 8.6 12.8#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. -0.02 min
 Lab File: BG040013.D
 Acq: 19 Mar 2019 21:57

Tgt Ion: 164 Resp: 103885
 Ion Ratio Lower Upper
 164 100
 162 102.7 81.6 122.4
 160 43.8 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 140.676 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BG040013.D

Acq: 19 Mar 2019 21:57

Instrument :

BNA_G

ClientSampled :

TP-8

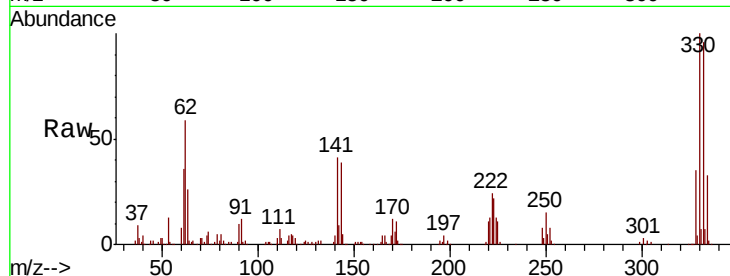
Tgt Ion:330 Resp: 170338

Ion Ratio Lower Upper

330 100

332 96.0 75.7 113.5

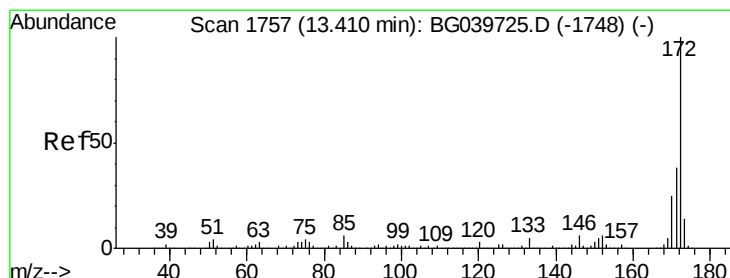
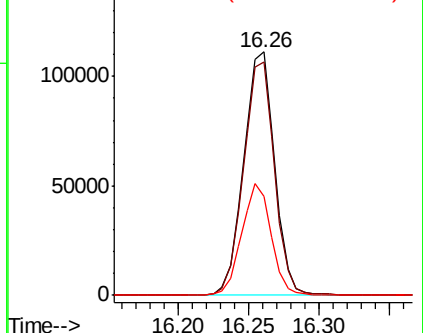
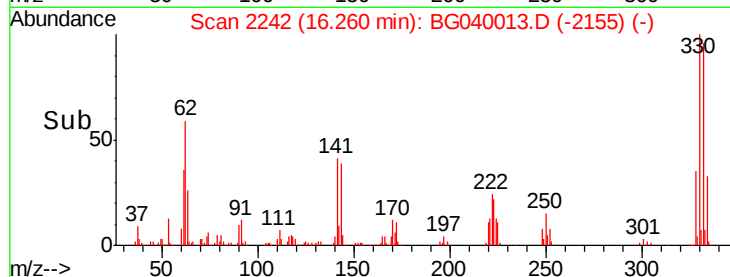
141 43.8 35.6 53.4



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: 89.878 ng

RT: 13.39 min Scan# 1754

Delta R.T. -0.02 min

Lab File: BG040013.D

Acq: 19 Mar 2019 21:57

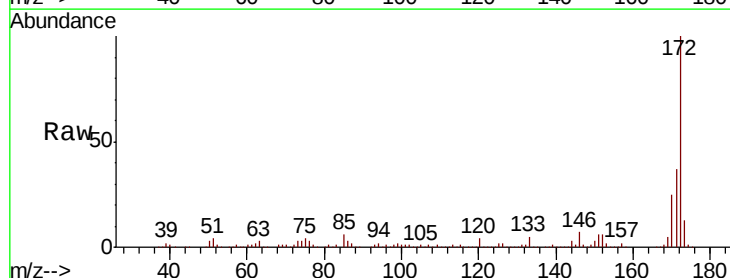
Tgt Ion:172 Resp: 655767

Ion Ratio Lower Upper

172 100

171 37.1 30.8 46.2

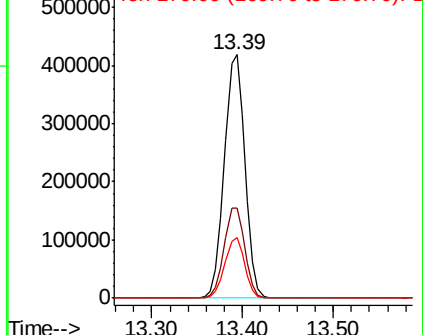
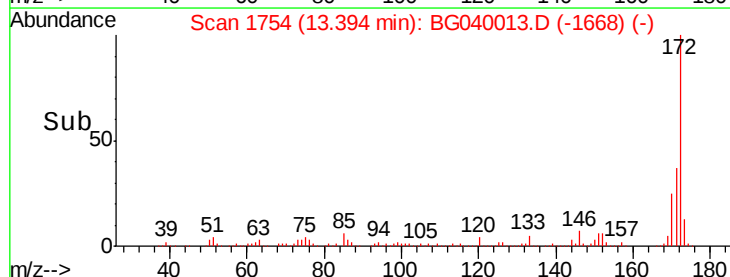
170 24.8 20.2 30.4

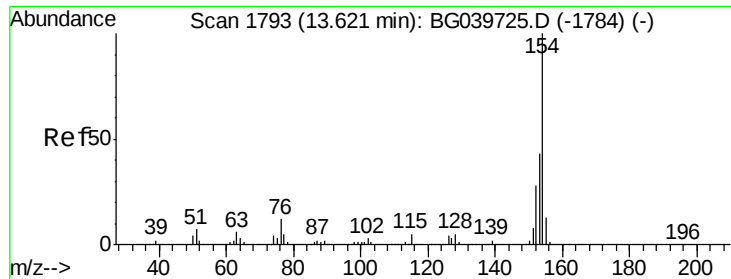


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

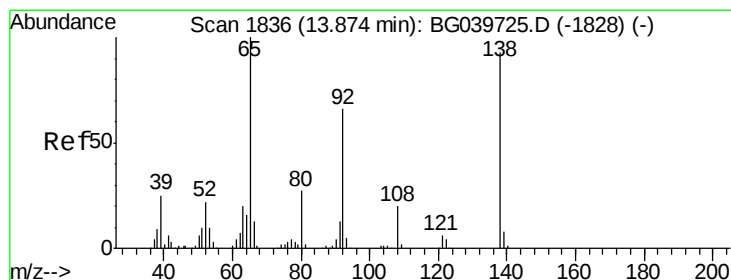
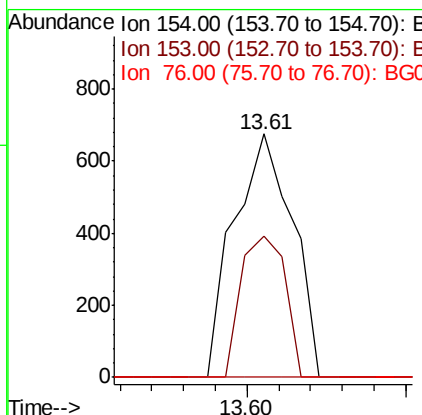
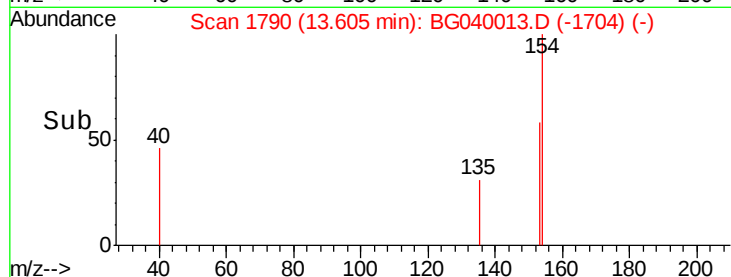
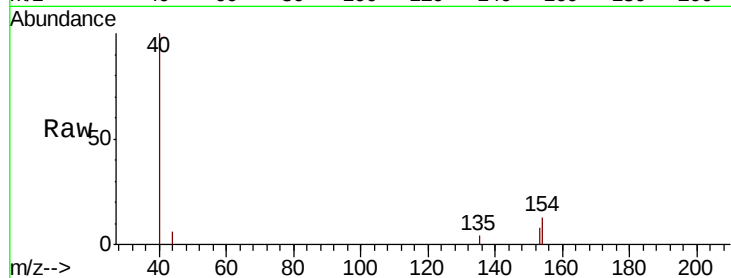




#46
1,1'-Biphenyl
Concen: 0.101 ng
RT: 13.61 min Scan# 1790
Delta R.T. -0.02 min
Lab File: BG040013.D
Acq: 19 Mar 2019 21:57

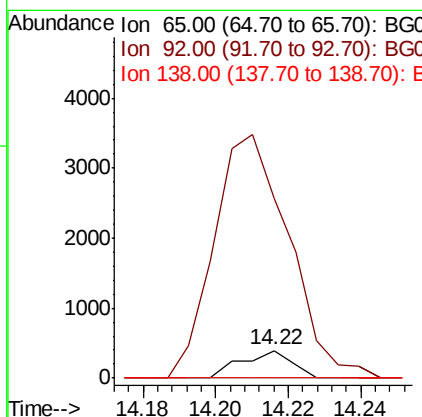
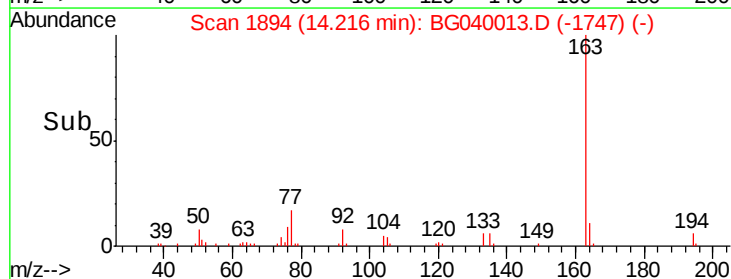
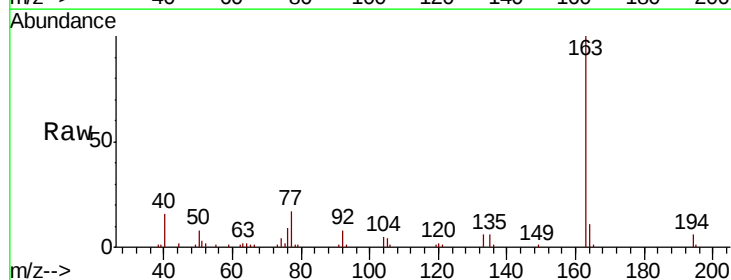
Instrument :
BNA_G
ClientSampled :
TP-8

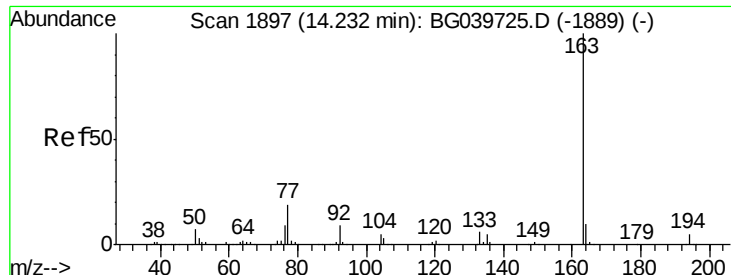
Tgt Ion: 154 Resp: 863
Ion Ratio Lower Upper
154 100
153 58.1 22.1 62.1
76 0.0 0.0 32.4



#48
2-Nitroaniline
Concen: 0.183 ng
RT: 14.22 min Scan# 1894
Delta R.T. 0.34 min
Lab File: BG040013.D
Acq: 19 Mar 2019 21:57

Tgt Ion: 65 Resp: 378
Ion Ratio Lower Upper
65 100
92 641.9 51.4 77.2#
138 0.0 71.4 107.2#





#50

Dimethylphthalate

Concen: 5.950 ng

RT: 14.21 min Scan# 1893

Delta R.T. -0.03 min

Lab File: BG040013.D

Acq: 19 Mar 2019 21:57

Instrument :

BNA_G

ClientSampleId :

TP-8

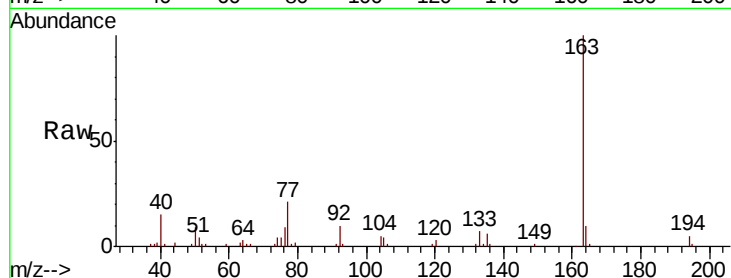
Tgt Ion:163 Resp: 51688

Ion Ratio Lower Upper

163 100

194 5.1 3.6 5.4

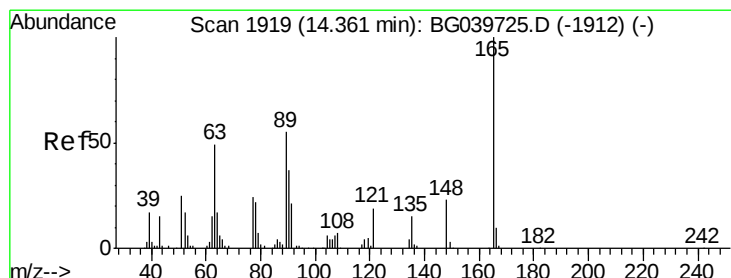
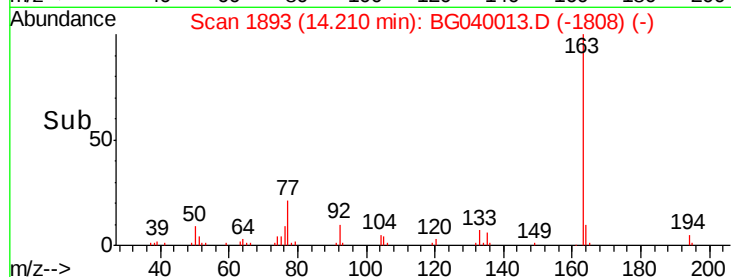
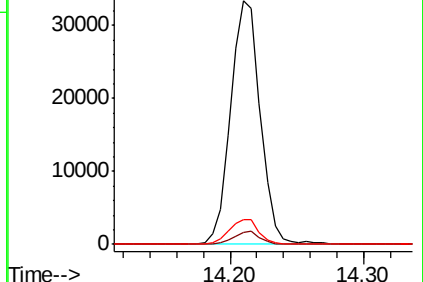
164 10.1 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 0.304 ng

RT: 14.21 min Scan# 1893

Delta R.T. -0.16 min

Lab File: BG040013.D

Acq: 19 Mar 2019 21:57

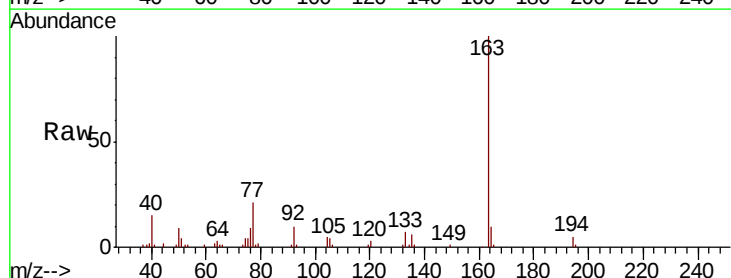
Tgt Ion:165 Resp: 560

Ion Ratio Lower Upper

165 100

63 153.6 47.0 70.6#

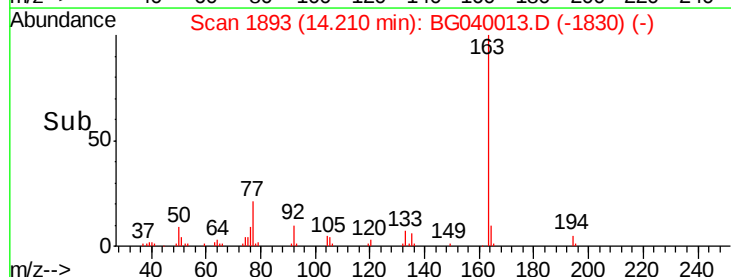
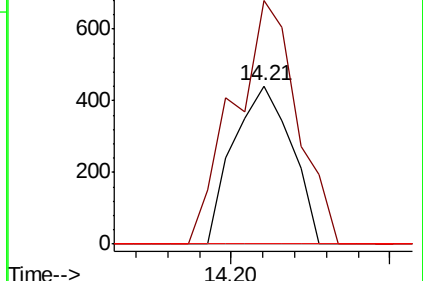
89 0.0 45.8 68.8#

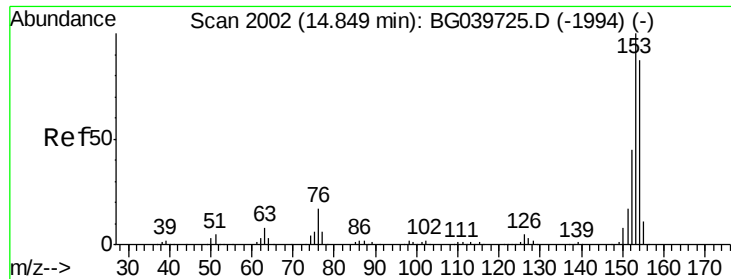


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#52

Acenaphthene

Concen: 0.029 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.08 min

Lab File: BG040013.D

Acq: 19 Mar 2019 21:57

Instrument :

BNA_G

ClientSampleId :

TP-8

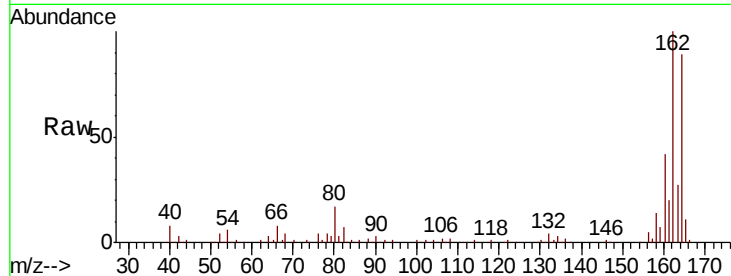
Tgt Ion:154 Resp: 186

Ion Ratio Lower Upper

154 100

153 0.0 90.1 135.1#

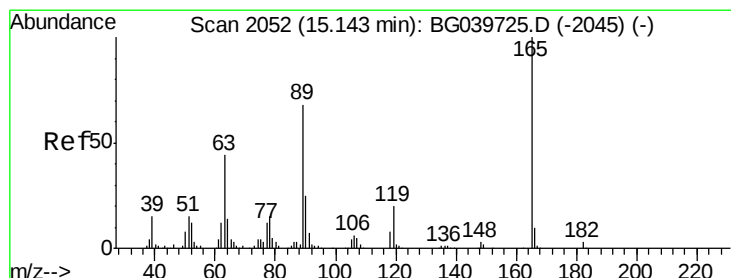
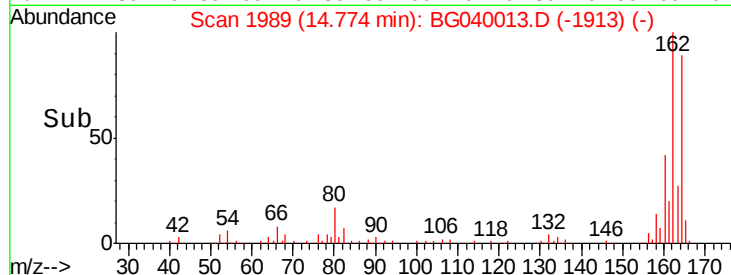
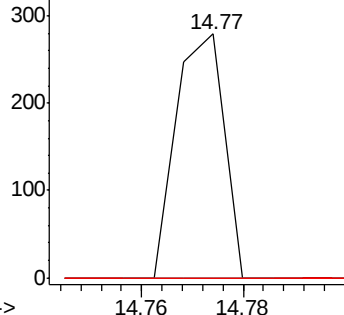
152 0.0 40.9 61.3#



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: 5.129 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.38 min

Lab File: BG040013.D

Acq: 19 Mar 2019 21:57

Tgt Ion:165 Resp: 13271

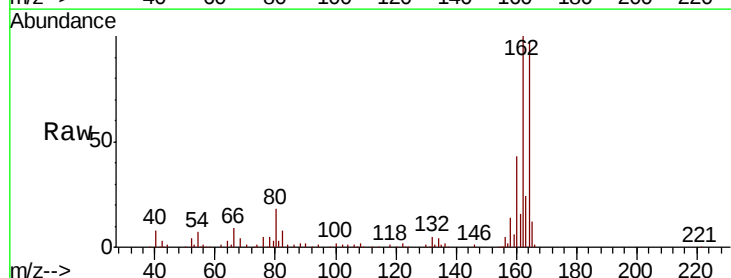
Ion Ratio Lower Upper

165 100

63 0.0 41.0 61.6#

89 0.0 64.6 96.8#

182 0.0 2.0 3.0#

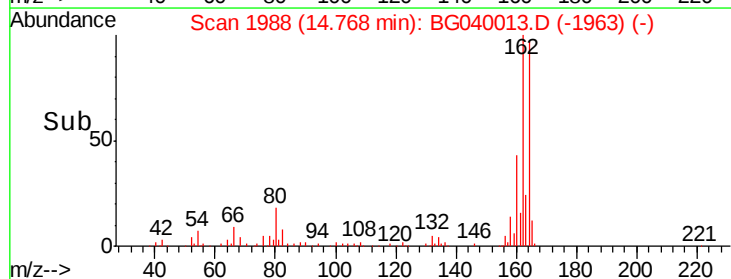
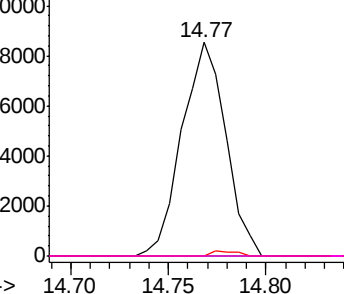


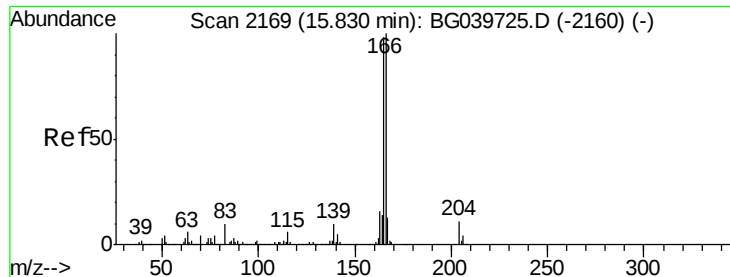
Abundance Ion 165.00 (164.70 to 165.70): E

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: 0.893 ng

RT: 16.25 min Scan# 2241

Delta R.T. 0.42 min

Lab File: BG040013.D

Acq: 19 Mar 2019 21:57

Instrument :

BNA_G

ClientSampleId :

TP-8

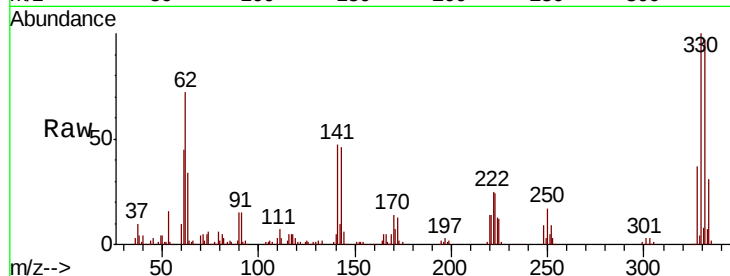
Tgt Ion:166 Resp: 7311

Ion Ratio Lower Upper

166 100

165 95.8 77.9 116.9

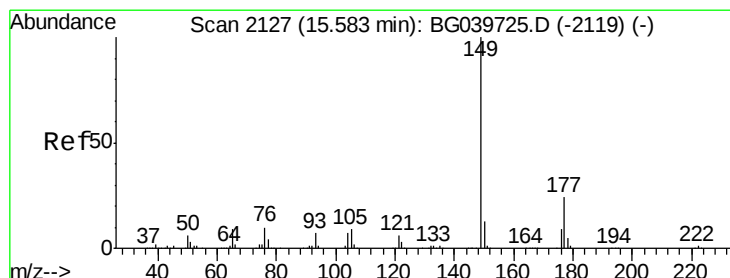
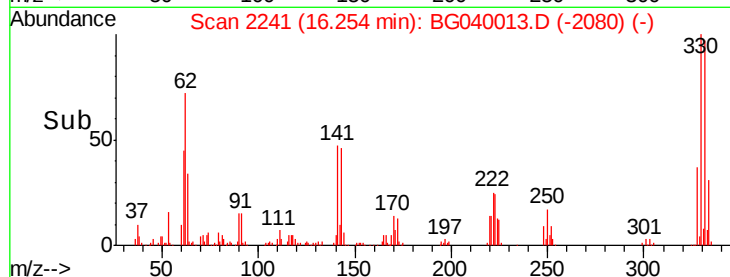
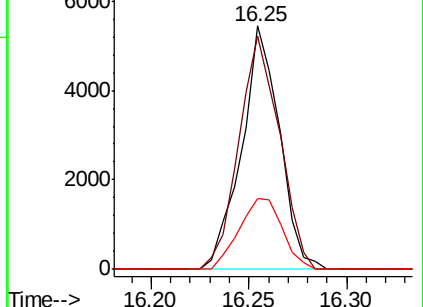
167 29.3 10.8 16.2#



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



#60

Diethylphthalate

Concen: 0.018 ng

RT: 15.56 min Scan# 2123

Delta R.T. -0.03 min

Lab File: BG040013.D

Acq: 19 Mar 2019 21:57

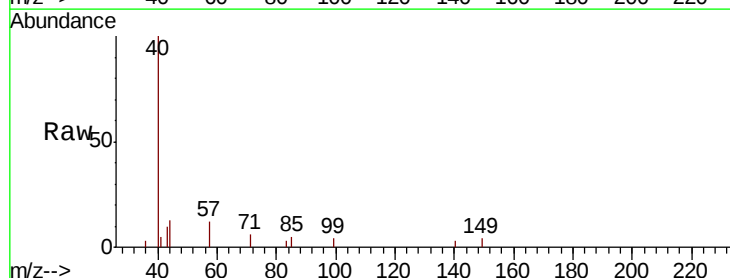
Tgt Ion:149 Resp: 151

Ion Ratio Lower Upper

149 100

177 0.0 18.3 27.5#

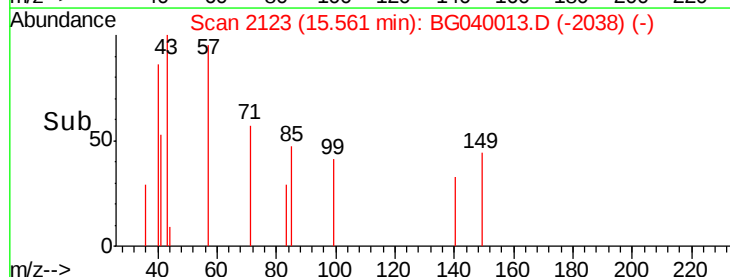
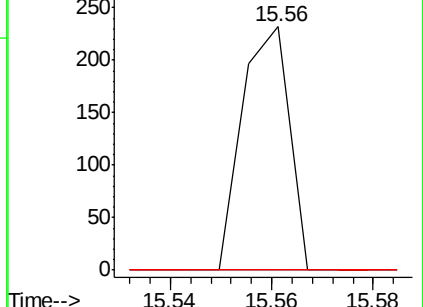
150 0.0 10.2 15.2#

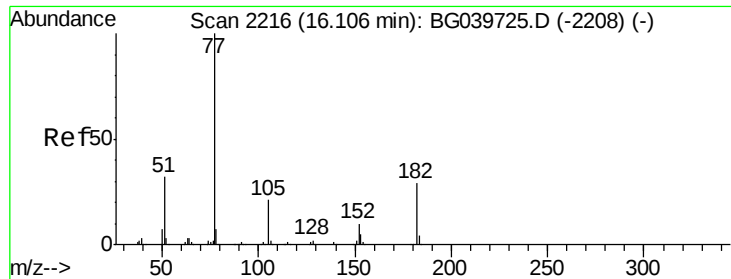


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

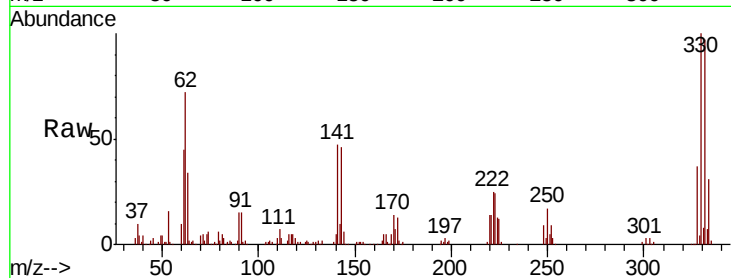




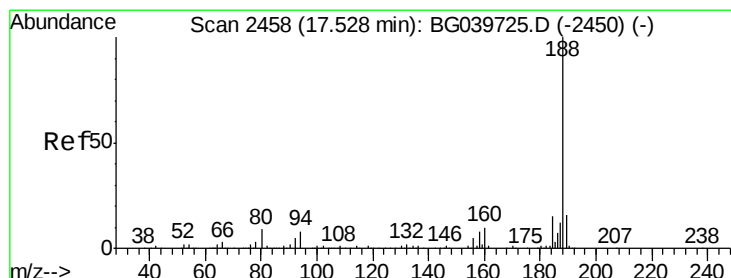
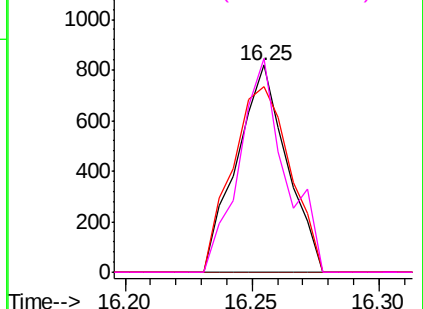
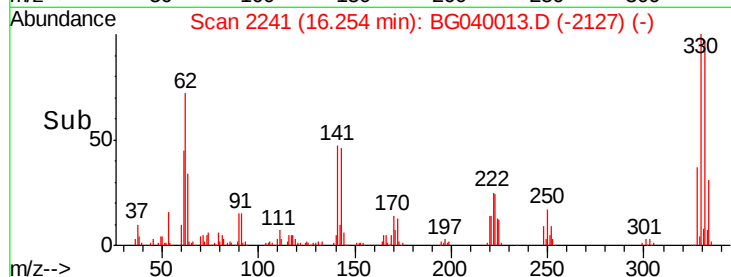
#63
Azobenzene
Concen: 0.145 ng
RT: 16.25 min Scan# 2241
Delta R.T. 0.14 min
Lab File: BG040013.D
Acq: 19 Mar 2019 21:57

Instrument :
BNA_G
ClientSampleId :
TP-8

Tgt Ion: 77 Resp: 1130
Ion Ratio Lower Upper
77 100
182 0.0 6.4 46.4#
105 89.5 0.0 39.8#
51 103.0 14.1 54.1#

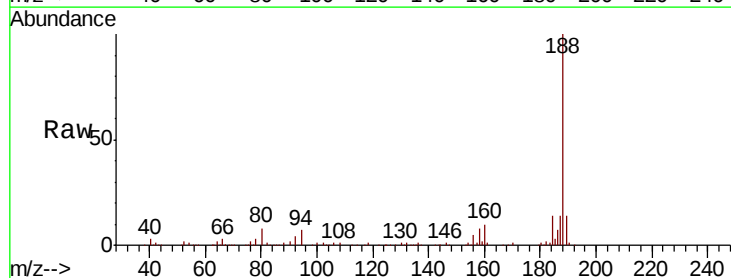


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

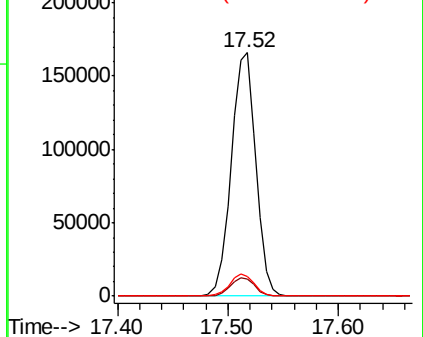
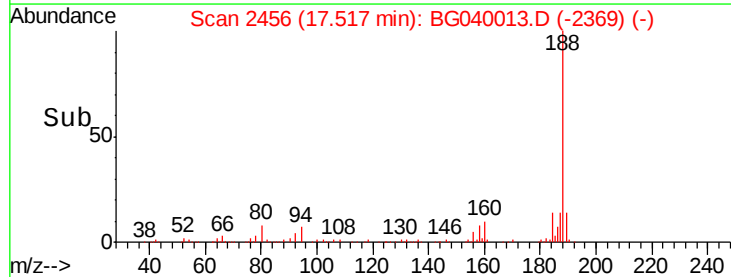


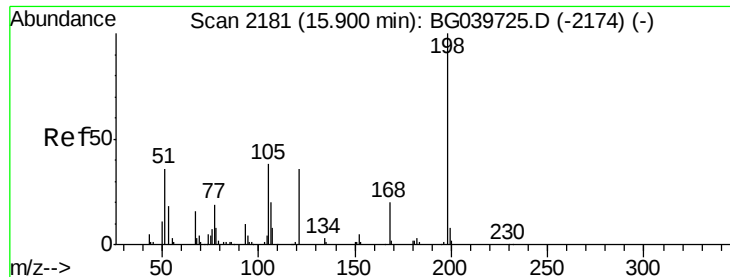
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG040013.D
Acq: 19 Mar 2019 21:57

Tgt Ion: 188 Resp: 258320
Ion Ratio Lower Upper
188 100
94 6.9 6.9 10.3
80 8.1 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

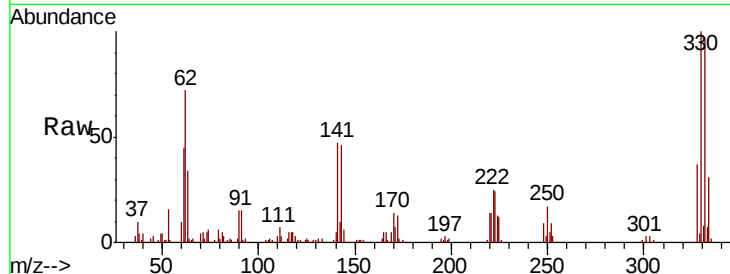




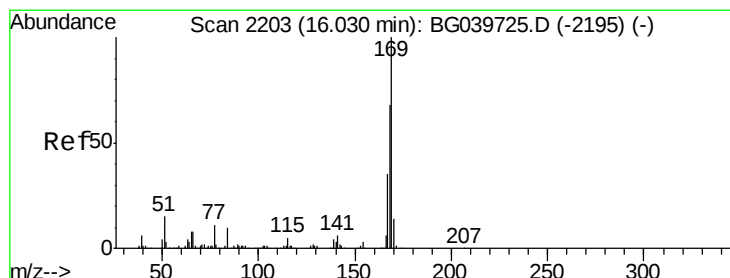
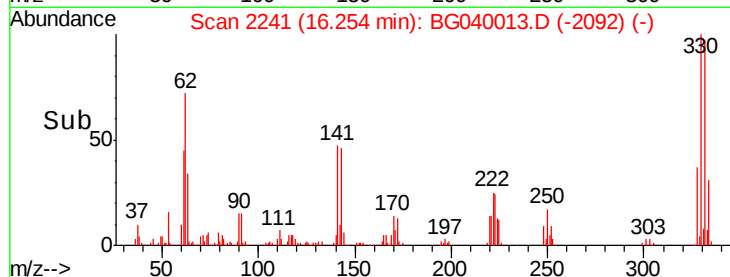
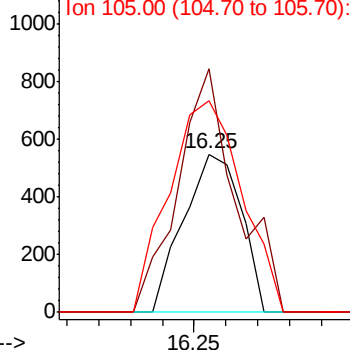
#65
 4,6-Dinitro-2-methylphenol
 Concen: 0.454 ng
 RT: 16.25 min Scan# 2241
 Delta R.T. 0.35 min
 Lab File: BG040013.D
 Acq: 19 Mar 2019 21:57

Instrument :
 BNA_G
 ClientSampleId :
 TP-8

Tgt Ion:198 Resp: 693
 Ion Ratio Lower Upper
 198 100
 51 154.2 27.4 67.4#
 105 133.9 19.7 59.7#

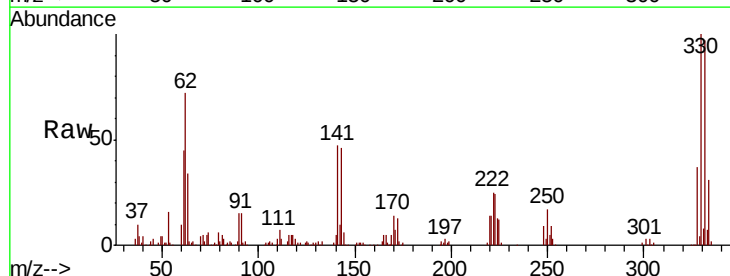


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

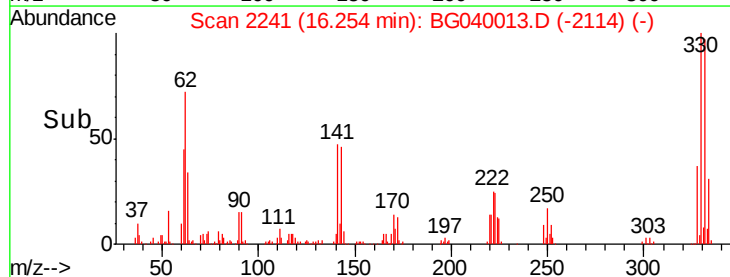
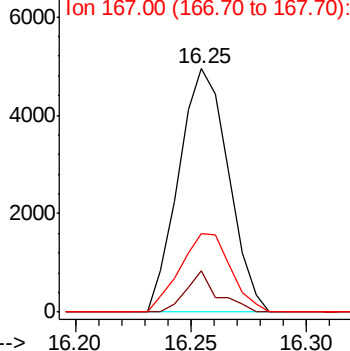


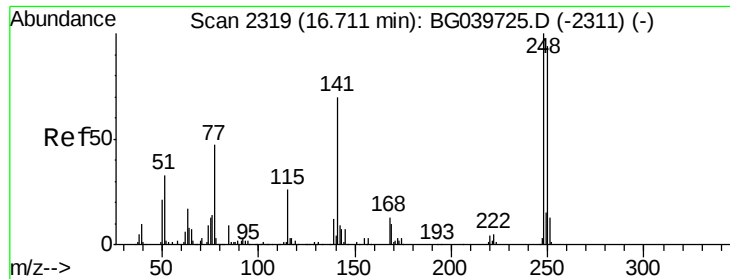
#66
 n-Nitrosodiphenylamine
 Concen: 0.991 ng
 RT: 16.25 min Scan# 2241
 Delta R.T. 0.22 min
 Lab File: BG040013.D
 Acq: 19 Mar 2019 21:57

Tgt Ion:169 Resp: 7414
 Ion Ratio Lower Upper
 169 100
 168 16.9 56.6 85.0#
 167 32.2 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

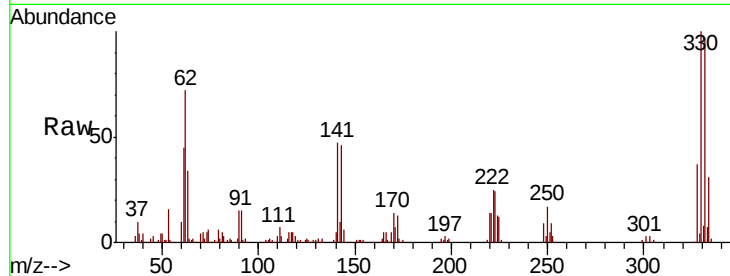




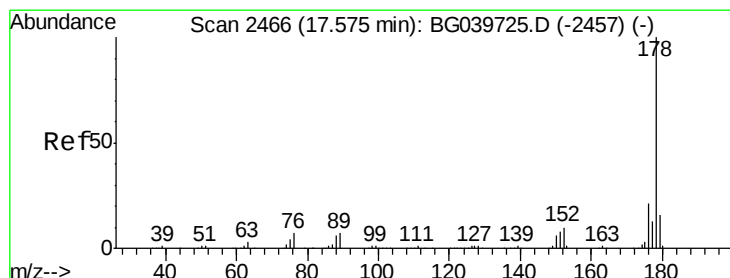
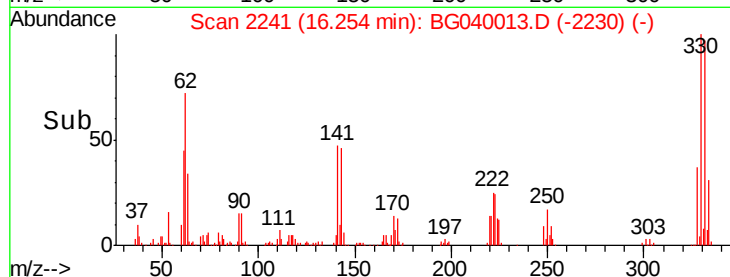
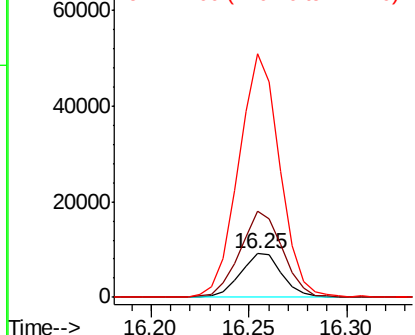
#67
 4-Bromophenyl-phenylether
 Concen: 4.641 ng
 RT: 16.25 min Scan# 2241
 Delta R.T. -0.46 min
 Lab File: BG040013.D
 Acq: 19 Mar 2019 21:57

Instrument :
 BNA_G
 ClientSampleId :
 TP-8

Tgt Ion:248 Resp: 13420
 Ion Ratio Lower Upper
 248 100
 250 195.5 77.6 116.4#
 141 555.8 63.9 95.9#

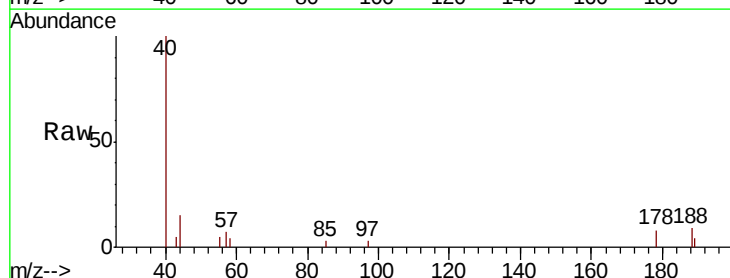


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

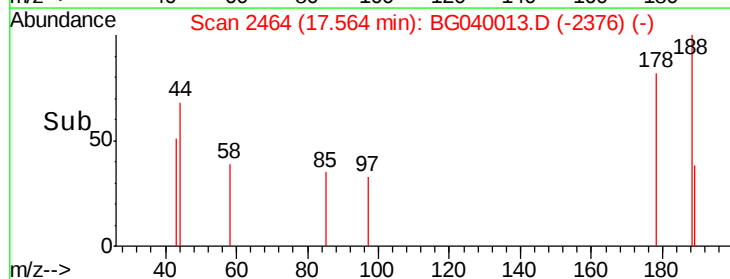
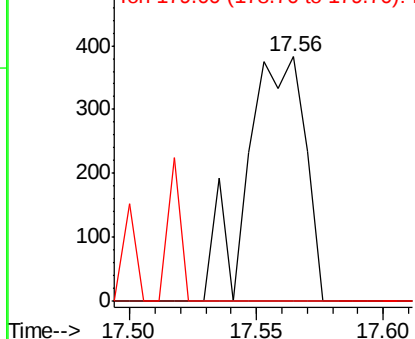


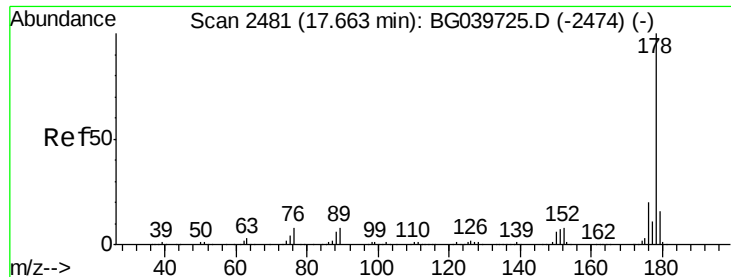
#71
 Phenanthrene
 Concen: 0.043 ng
 RT: 17.56 min Scan# 2464
 Delta R.T. -0.01 min
 Lab File: BG040013.D
 Acq: 19 Mar 2019 21:57

Tgt Ion:178 Resp: 618
 Ion Ratio Lower Upper
 178 100
 176 0.0 16.2 24.4#
 179 0.0 12.6 19.0#



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 0.045 ng

RT: 17.56 min Scan# 2464

Delta R.T. -0.10 min

Lab File: BG040013.D

Acq: 19 Mar 2019 21:57

Instrument :

BNA_G

ClientSampled :

TP-8

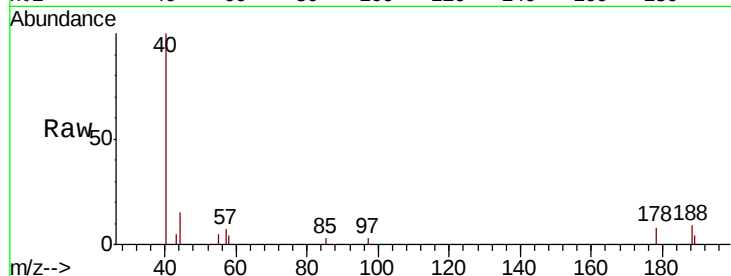
Tgt Ion:178 Resp: 618

Ion Ratio Lower Upper

178 100

176 0.0 15.8 23.6#

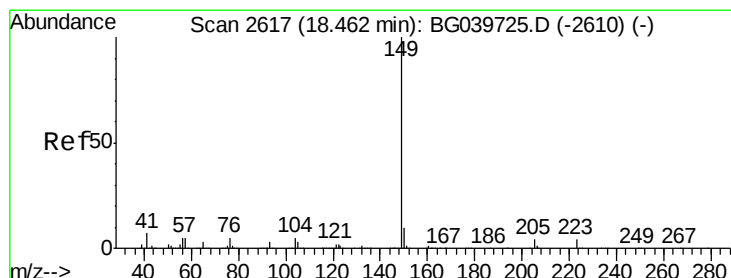
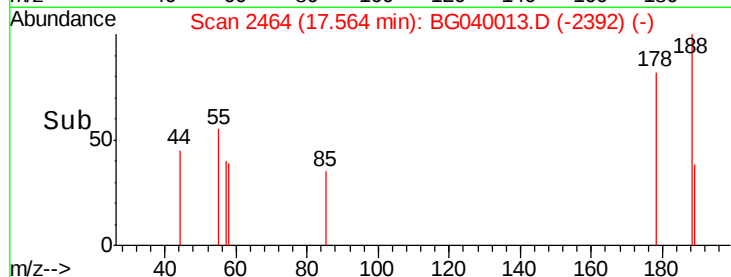
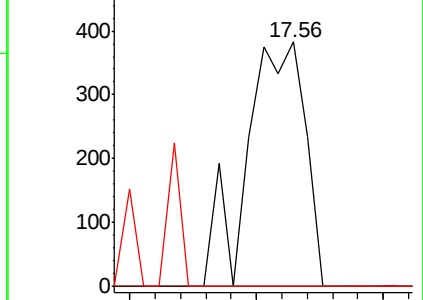
179 0.0 12.5 18.7#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74

Di-n-butylphthalate

Concen: 0.111 ng

RT: 18.45 min Scan# 2614

Delta R.T. -0.02 min

Lab File: BG040013.D

Acq: 19 Mar 2019 21:57

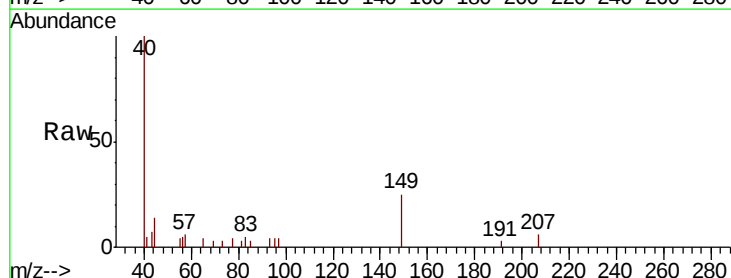
Tgt Ion:149 Resp: 1630

Ion Ratio Lower Upper

149 100

150 0.0 7.7 11.5#

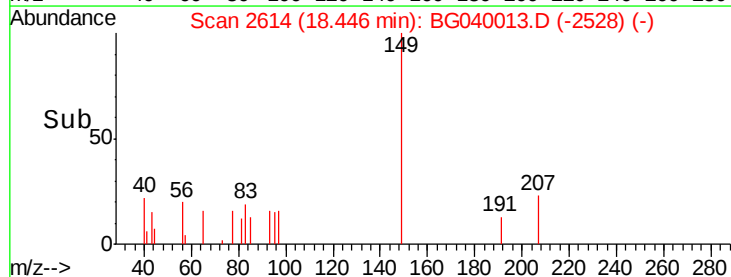
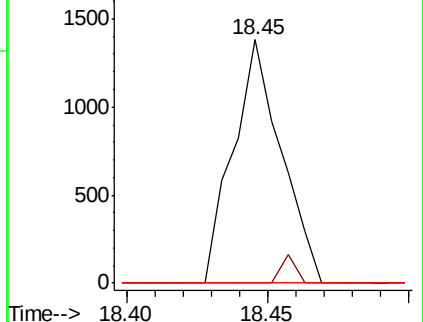
104 0.0 4.5 6.7#

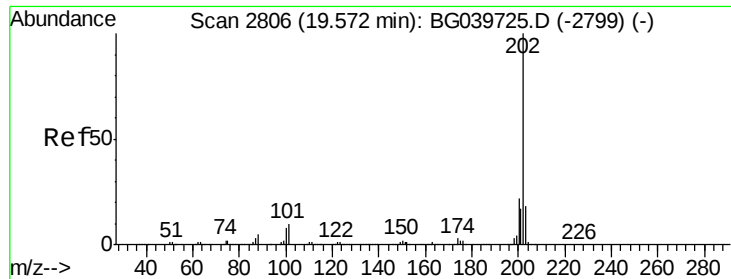


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 0.020 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BG040013.D

Acq: 19 Mar 2019 21:57

Instrument :

BNA_G

ClientSampleId :

TP-8

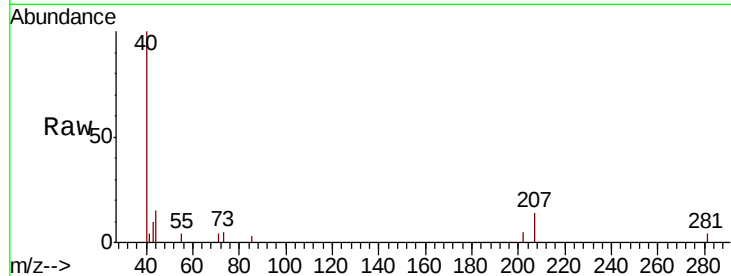
Tgt Ion:202 Resp: 336

Ion Ratio Lower Upper

202 100

101 0.0 0.0 30.0

203 0.0 0.0 38.9



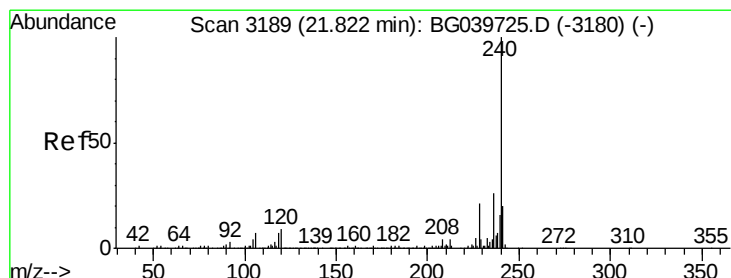
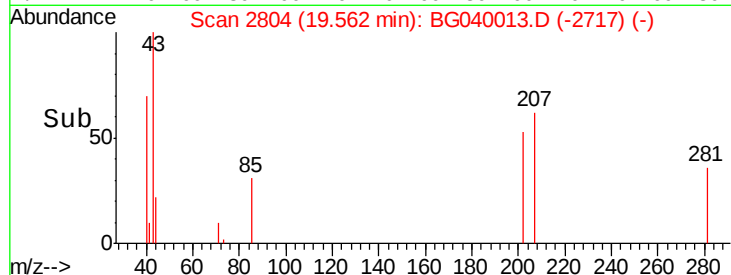
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

19.56

19.52 19.54 19.56 19.58



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3185

Delta R.T. -0.03 min

Lab File: BG040013.D

Acq: 19 Mar 2019 21:57

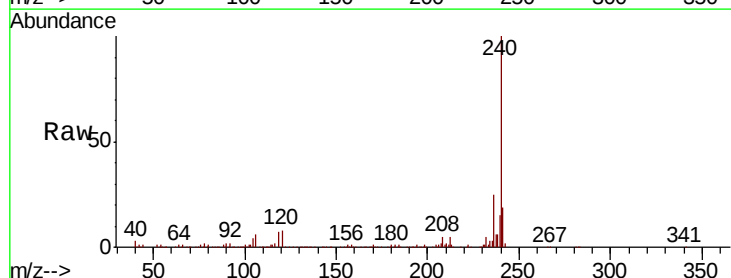
Tgt Ion:240 Resp: 279336

Ion Ratio Lower Upper

240 100

120 7.5 7.0 10.6

236 24.8 21.0 31.4



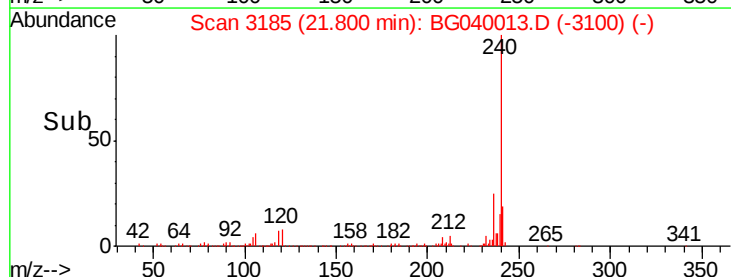
Abundance Ion 240.00 (239.70 to 240.70): E

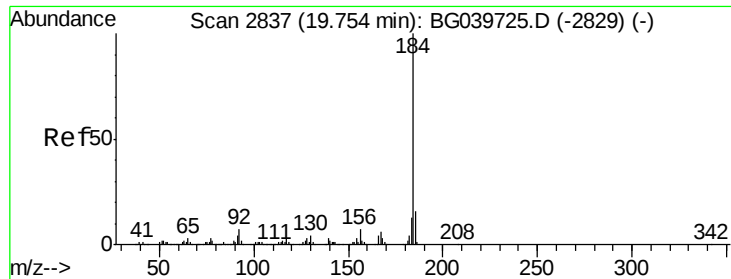
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.80

21.70 21.80 21.90





#77

Benzidine

Concen: 2.129 ng

RT: 20.11 min Scan# 2897

Delta R.T. 0.35 min

Lab File: BG040013.D

Acq: 19 Mar 2019 21:57

Instrument :

BNA_G

ClientSampleId :

TP-8

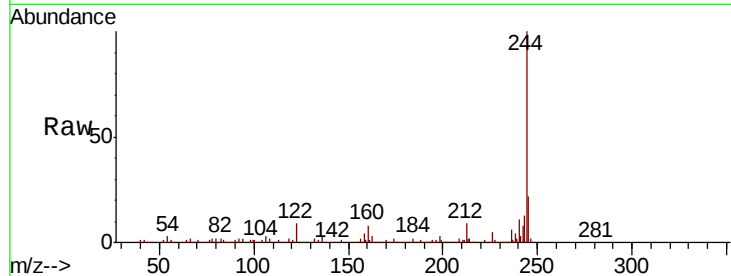
Tgt Ion:184 Resp: 18874

Ion Ratio Lower Upper

184 100

185 16.5 12.2 18.2

183 9.8 10.6 15.8#

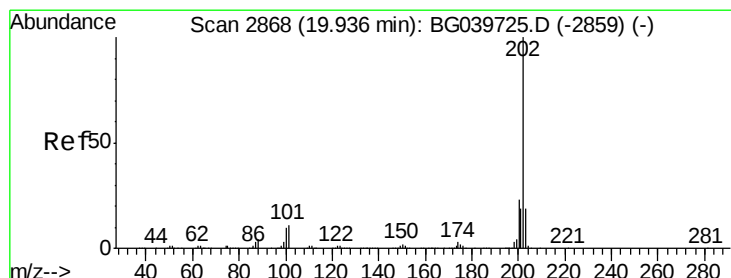
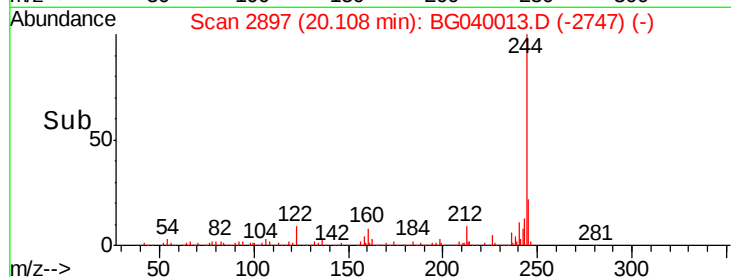
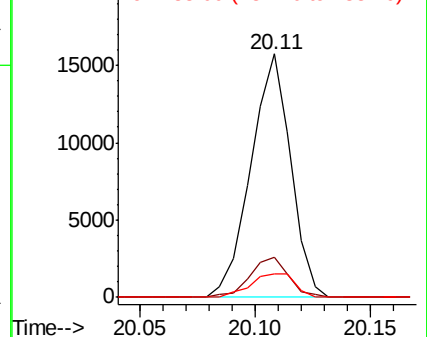


Abundance

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: 0.014 ng

RT: 19.93 min Scan# 2866

Delta R.T. -0.02 min

Lab File: BG040013.D

Acq: 19 Mar 2019 21:57

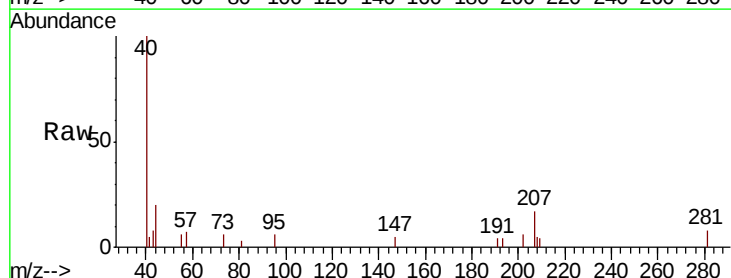
Tgt Ion:202 Resp: 258

Ion Ratio Lower Upper

202 100

200 0.0 17.8 26.8#

203 0.0 15.3 22.9#

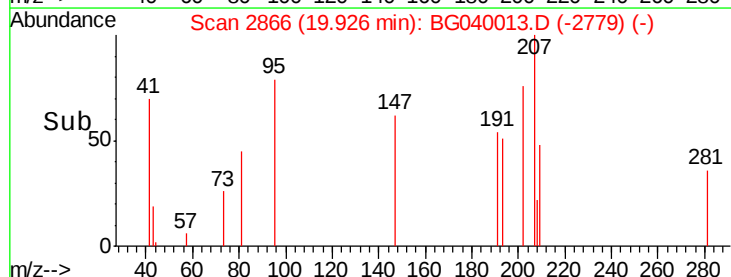
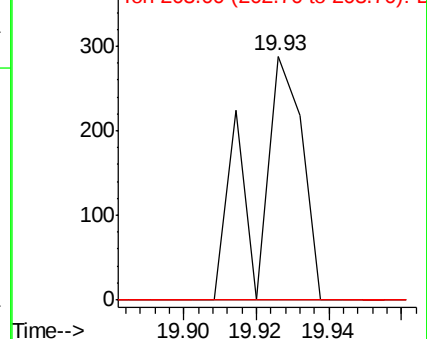


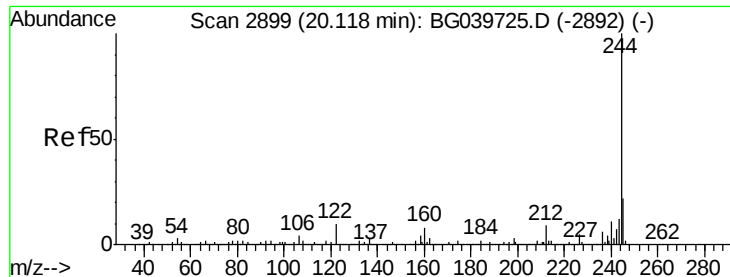
Abundance

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: 83.997 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040013.D

Acq: 19 Mar 2019 21:57

Instrument :

BNA_G

ClientSampled :

TP-8

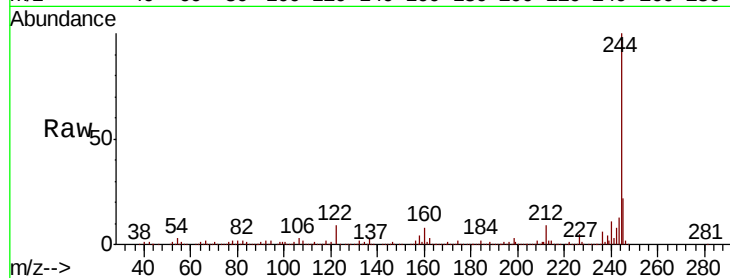
Tgt Ion:244 Resp: 1065647

Ion Ratio Lower Upper

244 100

212 9.2 7.3 10.9

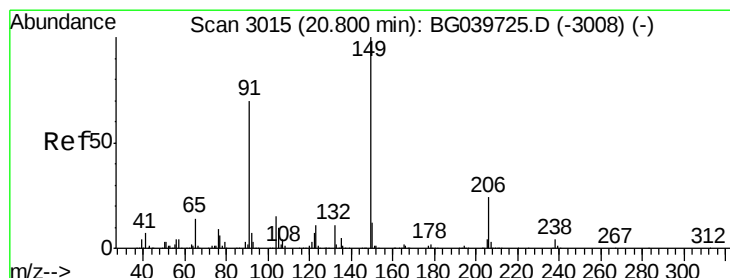
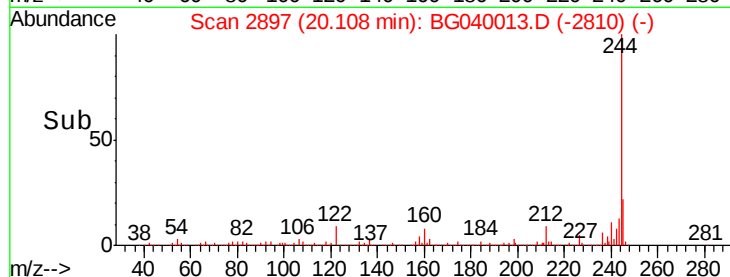
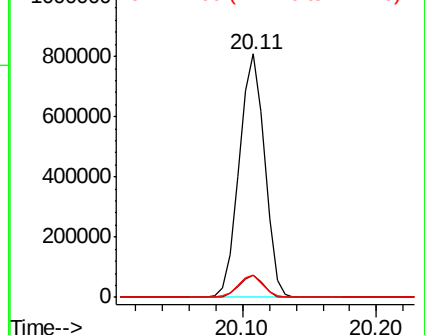
122 9.2 8.4 12.6



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: 0.012 ng

RT: 20.78 min Scan# 3012

Delta R.T. -0.02 min

Lab File: BG040013.D

Acq: 19 Mar 2019 21:57

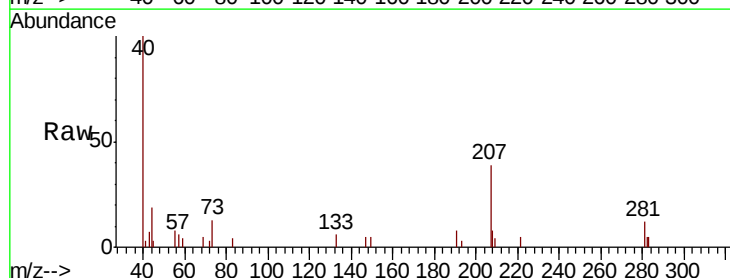
Tgt Ion:149 Resp: 83

Ion Ratio Lower Upper

149 100

91 0.0 59.5 89.3#

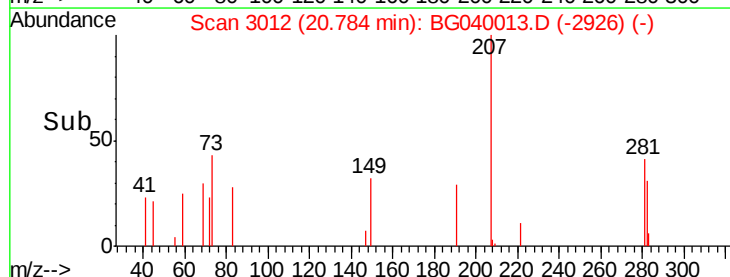
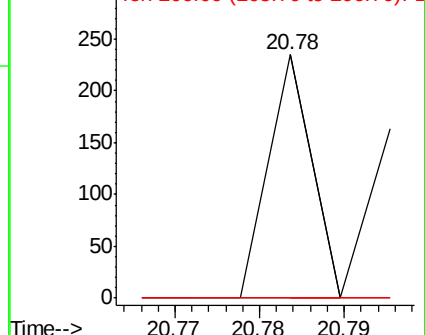
206 0.0 18.6 27.8#

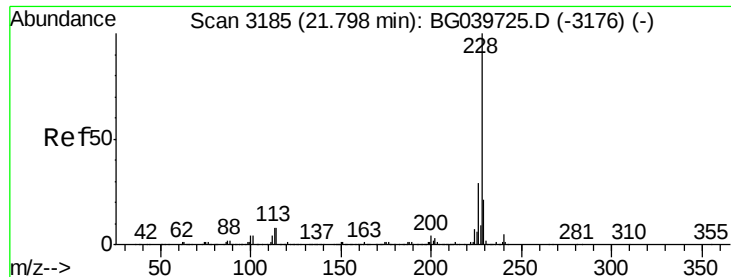


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.053 ng

RT: 21.80 min Scan# 3185

Delta R.T. -0.00 min

Lab File: BG040013.D

Acq: 19 Mar 2019 21:57

Instrument :

BNA_G

ClientSampleId :

TP-8

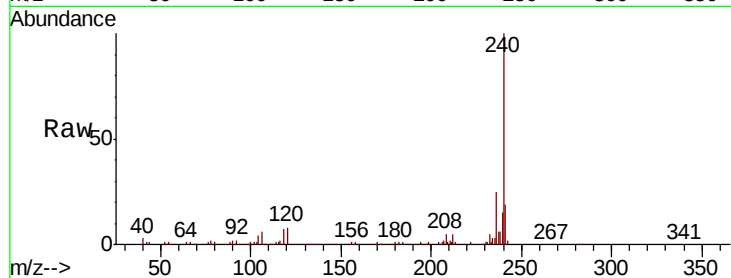
Tgt Ion: 228 Resp: 935

Ion Ratio Lower Upper

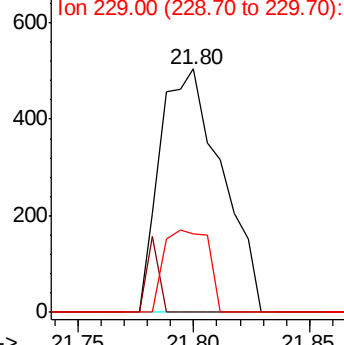
228 100

226 0.0 23.0 34.6#

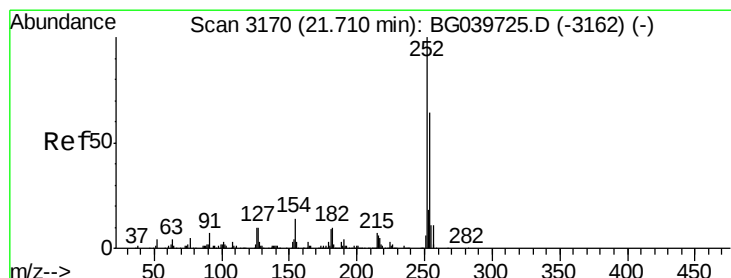
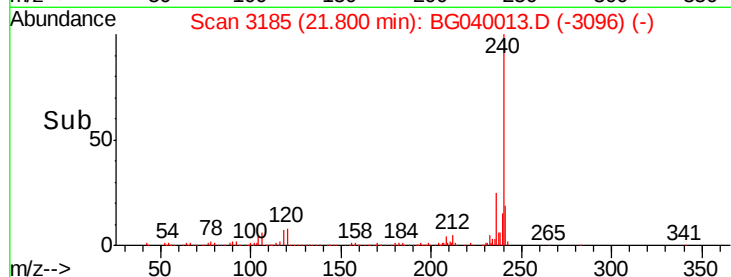
229 32.5 16.9 25.3#



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-->



#82

3,3'-Dichlorobenzidine

Concen: 0.008 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.04 min

Lab File: BG040013.D

Acq: 19 Mar 2019 21:57

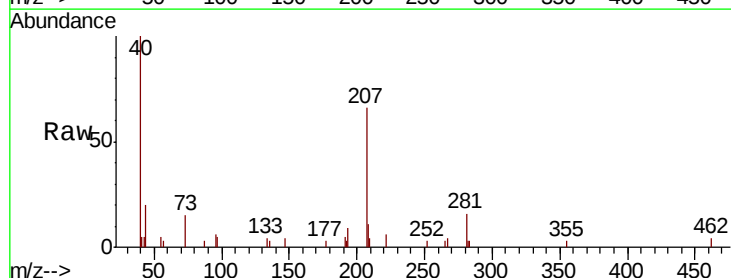
Tgt Ion: 252 Resp: 54

Ion Ratio Lower Upper

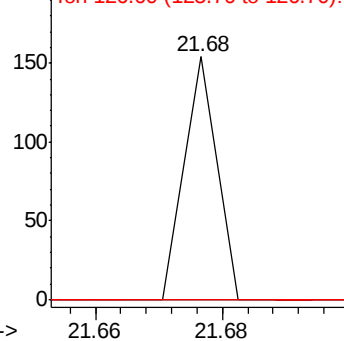
252 100

254 0.0 51.3 76.9#

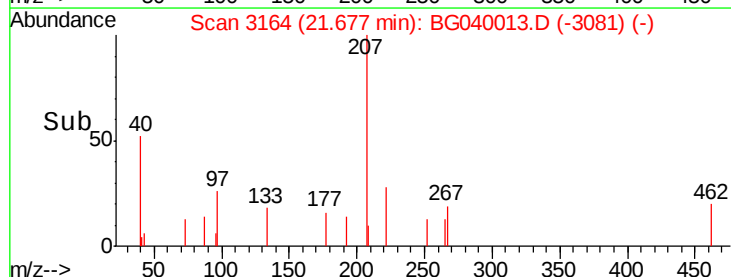
126 0.0 8.0 12.0#

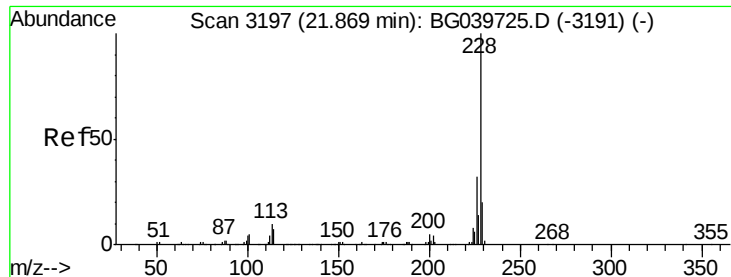


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



Time-->





#83

Chrysene

Concen: 0.055 ng

RT: 21.80 min Scan# 3185

Delta R.T. -0.08 min

Lab File: BG040013.D

Acq: 19 Mar 2019 21:57

Instrument :

BNA_G

ClientSampleId :

TP-8

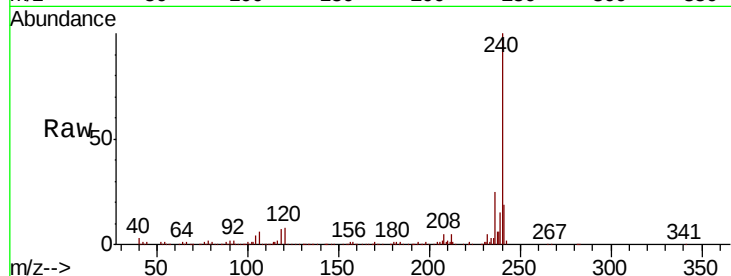
Tgt Ion:228 Resp: 935

Ion Ratio Lower Upper

228 100

226 0.0 25.8 38.6#

229 32.5 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

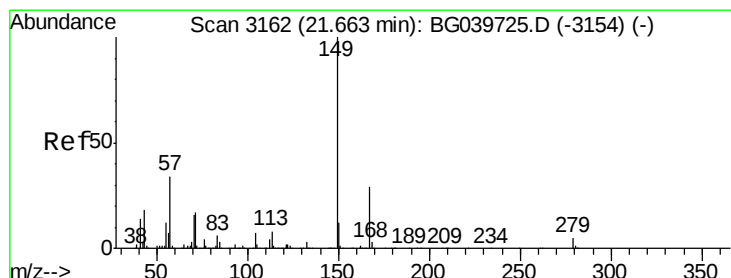
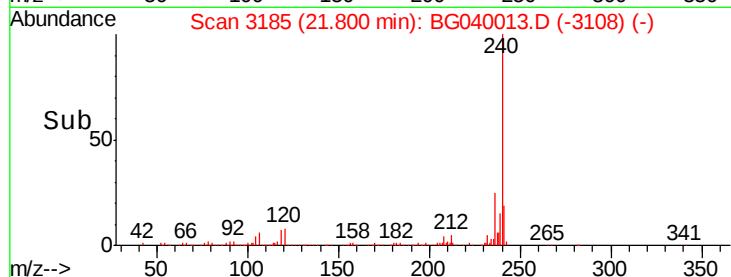
21.80

400

200

0

Time--> 21.75 21.80 21.85



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.022 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.03 min

Lab File: BG040013.D

Acq: 19 Mar 2019 21:57

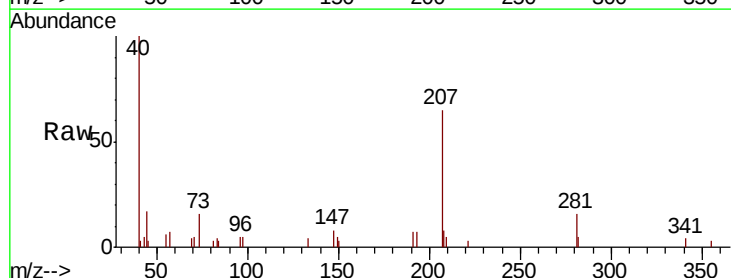
Tgt Ion:149 Resp: 216

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

21.64

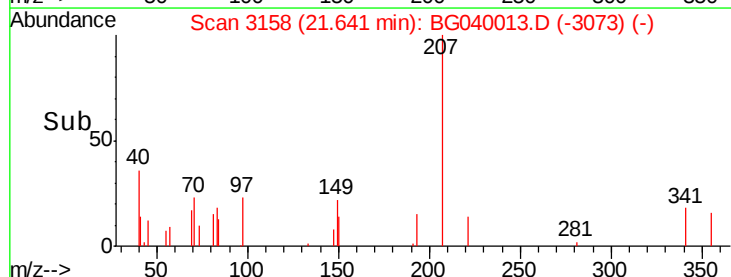
300

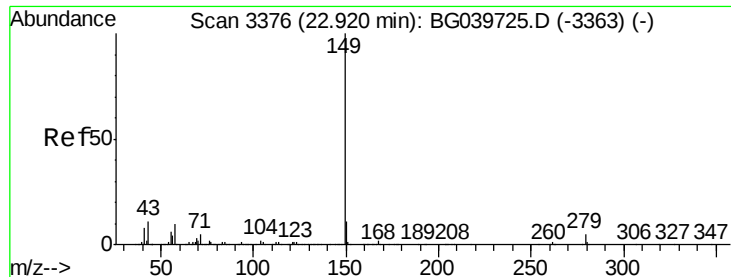
200

100

0

Time--> 21.62 21.64 21.66





#85

Di-n-octyl phthalate

Concen: 0.004 ng

RT: 22.88 min Scan# 3369

Delta R.T. -0.05 min

Lab File: BG040013.D

Acq: 19 Mar 2019 21:57

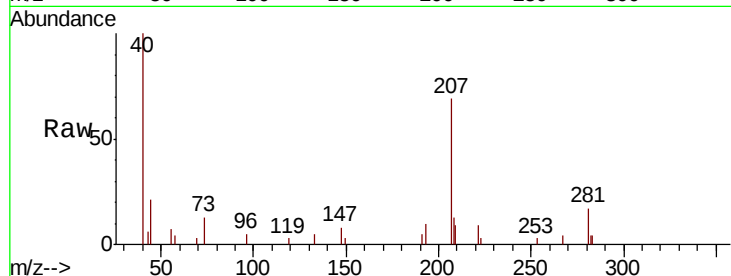
Instrument :

BNA_G

ClientSampleId :

TP-8

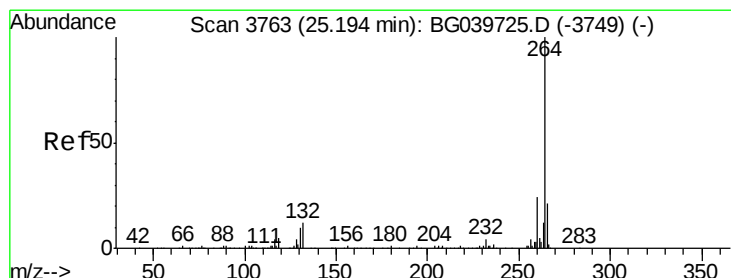
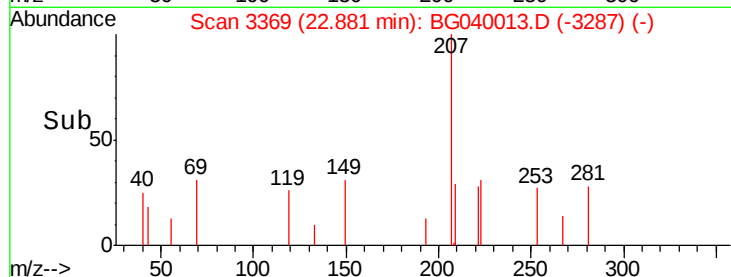
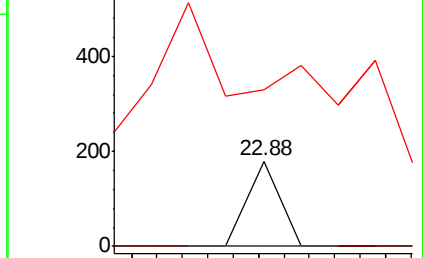
Tgt Ion:	149	Resp:	63
Ion Ratio	Lower	Upper	
149	100		
167	0.0	1.3	1.9#
43	0.0	10.2	15.4#



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



#87

Perylene-d12

Concen: 20.000 ng

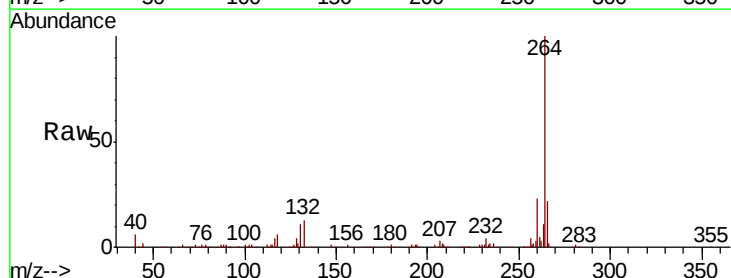
RT: 25.15 min Scan# 3756

Delta R.T. -0.05 min

Lab File: BG040013.D

Acq: 19 Mar 2019 21:57

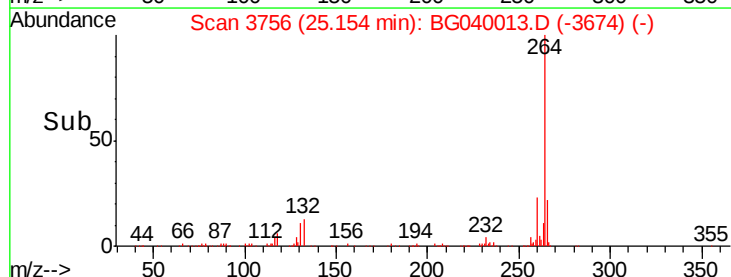
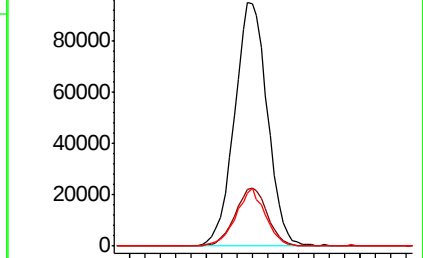
Tgt Ion:	264	Resp:	283803
Ion Ratio	Lower	Upper	
264	100		
260	23.4	18.2	27.4
265	21.7	18.5	27.7

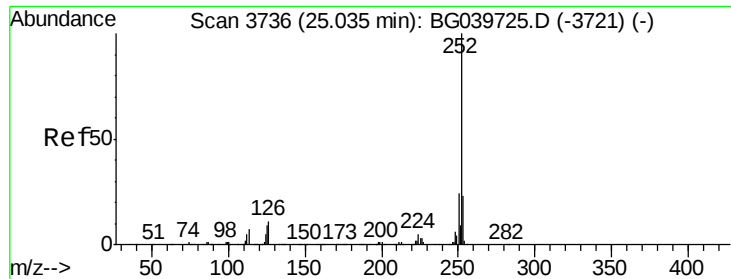


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#90

Benzo(a)pyrene

Concen: 0.058 ng

RT: 25.16 min Scan# 3757

Delta R.T. 0.12 min

Lab File: BG040013.D

Acq: 19 Mar 2019 21:57

Instrument :

BNA_G

ClientSampleId :

TP-8

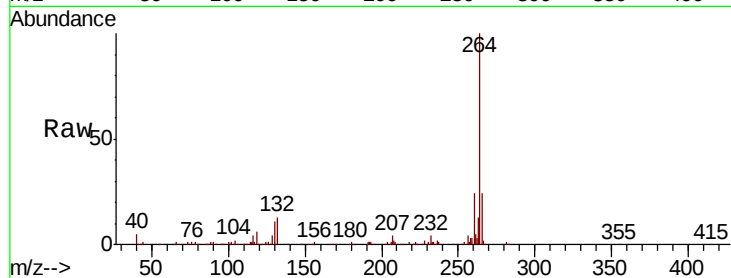
Tgt Ion:252 Resp: 910

Ion Ratio Lower Upper

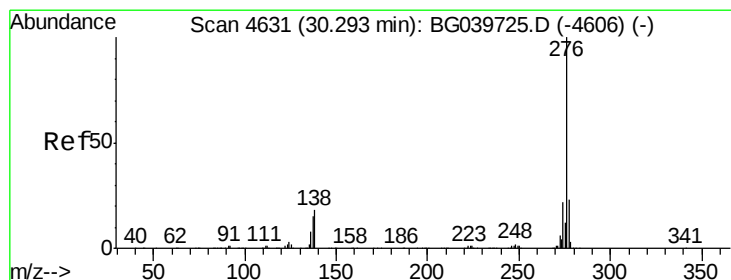
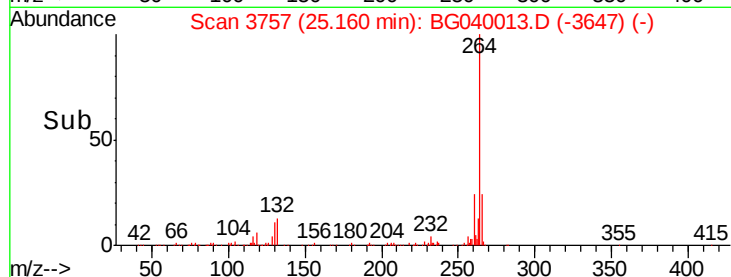
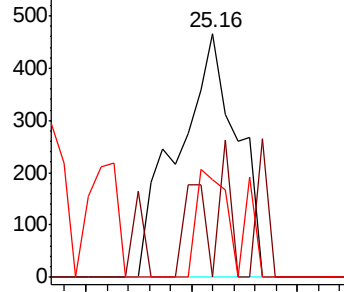
252 100

253 0.0 17.9 26.9#

125 40.1 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



#92

Benzo(g,h,i)perylene

Concen: 0.004 ng

RT: 29.88 min Scan# 4561

Delta R.T. -0.43 min

Lab File: BG040013.D

Acq: 19 Mar 2019 21:57

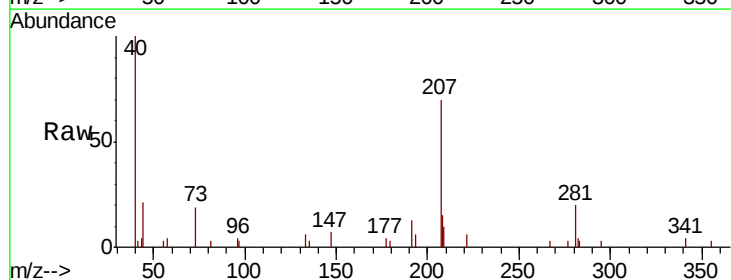
Tgt Ion:276 Resp: 60

Ion Ratio Lower Upper

276 100

277 0.0 19.6 29.4#

138 0.0 14.7 22.1#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

