

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
 Data File : BG040128.D
 Acq On : 25 Mar 2019 22:13
 Operator : JU/SJ
 Sample : K2040-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S4B(22-28)

Quant Time: Mar 26 02:57:21 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	33448	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	146183	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	103832	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	276149	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	289365	20.00	ng	-0.03
87) Perylene-d12	25.15	264	274278	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	256436	130.79	ng	-0.02
7) Phenol-d6	7.29	99	343151	117.38	ng	-0.02
23) Nitrobenzene-d5	9.32	82	238937	88.40	ng	-0.02
42) 2,4,6-Tribromophenol	16.25	330	156272	129.12	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	589796	80.88	ng	-0.03
79) Terphenyl-d14	20.11	244	1137147	86.53	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.64	88	116	0.128	ng	# 21
4) n-Nitrosodimethylamine	4.00	42	472	0.411	ng	# 1
6) Aniline	7.66	93	245	0.064	ng	# 1
8) 2-Chlorophenol	7.68	128	54	0.023	ng	# 1
9) Benzaldehyde	7.29	77	610	0.323	ng	# 4
10) Phenol	7.67	94	527	0.166	ng	# 1
11) bis(2-Chloroethyl)ether	7.66	93	245	0.099	ng	# 1
15) Benzyl Alcohol	8.46	79	3368	1.452	ng	# 53
16) 2,2'-oxybis(1-Chloropropan	8.63	45	239	0.048	ng	# 75
19) n-Nitroso-di-n-propylamine	9.31	70	31781	15.104	ng	# 68
22) Acetophenone	8.97	105	68	0.017	ng	# 12
24) Nitrobenzene	9.31	77	810	0.286	ng	# 41
25) Isophorone	9.43	82	379	0.067	ng	# 67
31) Naphthalene	11.01	128	1575	0.203	ng	# 69
33) 4-Chloroaniline	11.00	127	69	0.021	ng	# 43
37) 2-Methylnaphthalene	12.61	142	448	0.077	ng	# 79
38) 1-Methylnaphthalene	12.84	142	407	0.072	ng	# 7
46) 1,1'-Biphenyl	13.60	154	887	0.104	ng	# 70
48) 2-Nitroaniline	13.39	65	864	0.418	ng	# 7
51) 2,6-Dinitrotoluene	14.77	165	13110	7.123	ng	# 25
52) Acenaphthene	14.82	154	150	0.024	ng	# 64
55) Dibenzofuran	15.17	168	59	0.006	ng	# 19
56) 4-Nitrophenol	15.17	139	56	0.034	ng	# 1
57) 2,4-Dinitrotoluene	14.77	165	13110	5.069	ng	# 20
58) Fluorene	16.25	166	6259	0.764	ng	# 87
63) Azobenzene	16.24	77	813	0.104	ng	# 44
65) 4,6-Dinitro-2-methylphenol	16.25	198	405	0.248	ng	# 1
66) n-Nitrosodiphenylamine	16.25	169	6094	0.762	ng	# 49
67) 4-Bromophenyl-phenylether	16.25	248	11807	3.820	ng	# 1
71) Phenanthrene	17.55	178	1024	0.067	ng	# 67
72) Anthracene	17.55	178	1024	0.069	ng	# 68
74) Di-n-butylphthalate	18.44	149	716	0.046	ng	# 77
77) Benzidine	20.11	184	19410	2.114	ng	# 95
78) Pyrene	20.11	202	4370	0.232	ng	# 68

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QLast Update : Mon Mar 04 14:38:15 2019
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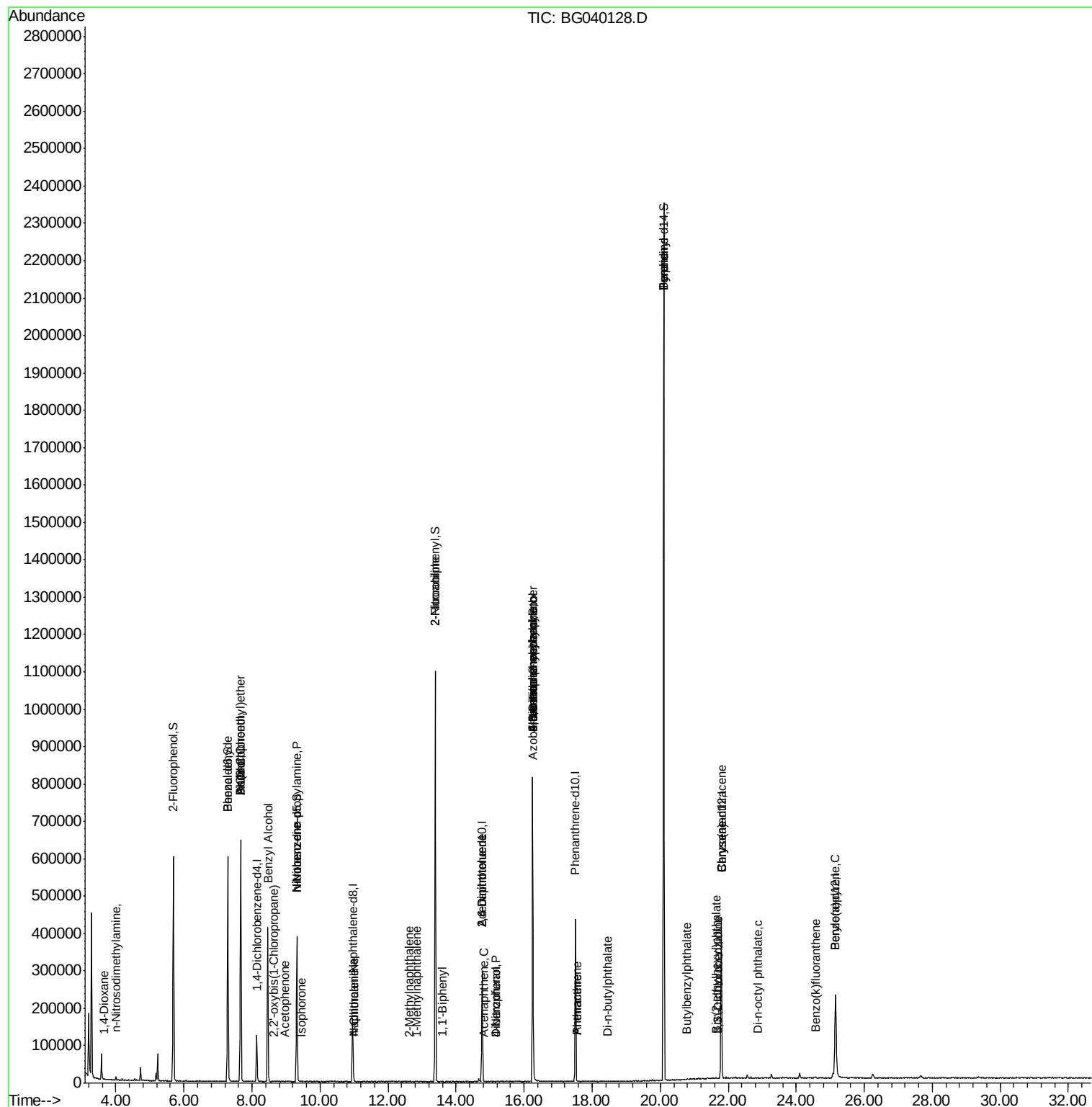
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Butylbenzylphthalate	20.78	149	82	0.011	ng	# 22
81) Benzo(a)anthracene	21.80	228	690	0.038	ng	# 48
82) 3,3'-Dichlorobenzidine	21.70	252	64	0.010	ng	# 26
83) Chrysene	21.80	228	690	0.039	ng	# 45
84) Bis(2-ethylhexyl)phthalate	21.63	149	857	0.084	ng	# 52
85) Di-n-octyl phthalate	22.88	149	133	0.008	ng	# 1
89) Benzo(k)fluoranthene	24.58	252	55	0.004	ng	# 59
90) Benzo(a)pyrene	25.15	252	522	0.035	ng	# 55

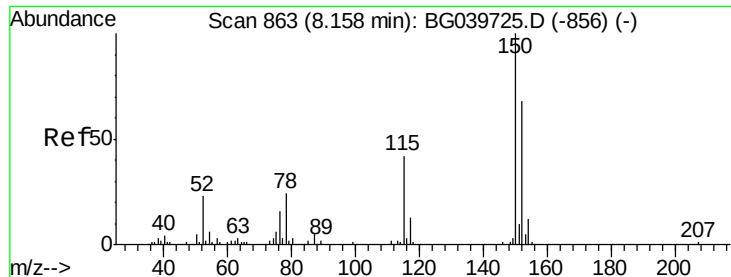
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

Lab File: BG040128.D

Acq: 25 Mar 2019 22:13

Instrument :

BNA_G

ClientSampleId :

S4B(22-28)

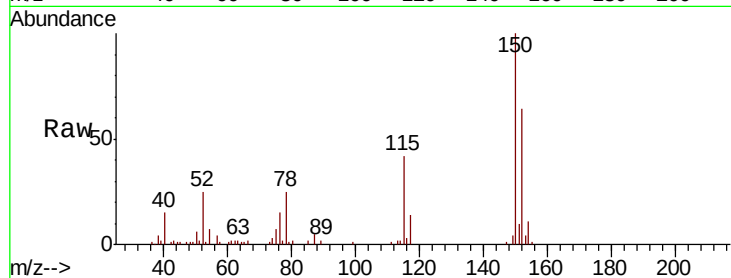
Tgt Ion:152 Resp: 33448

Ion Ratio Lower Upper

152 100

150 157.0 123.7 185.5

115 66.6 45.9 68.9

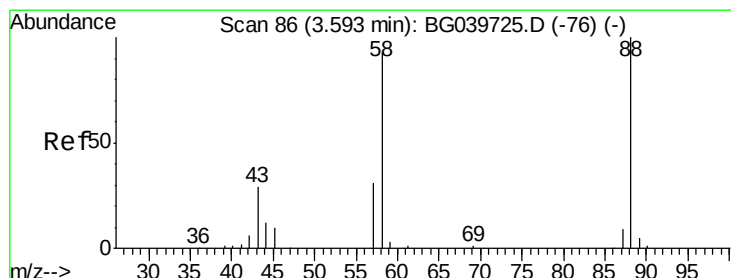
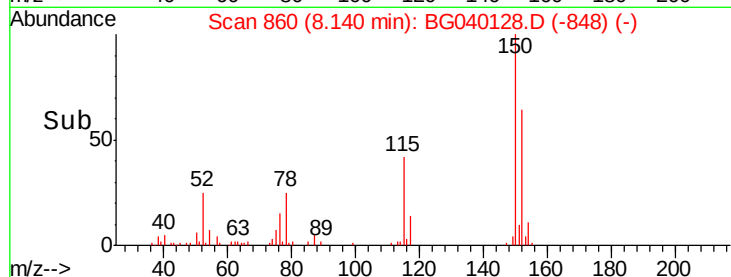
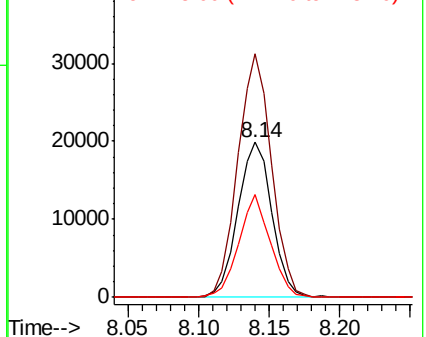


Abundance

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: 0.128 ng

RT: 3.64 min Scan# 94

Delta R.T. 0.03 min

Lab File: BG040128.D

Acq: 25 Mar 2019 22:13

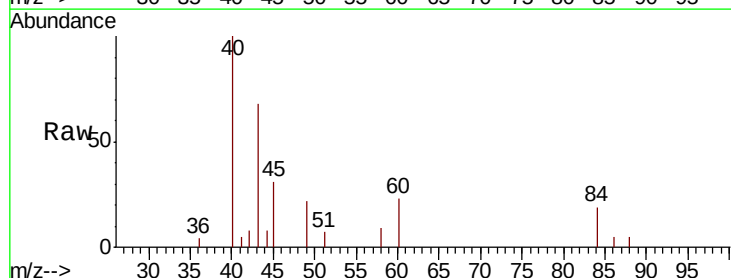
Tgt Ion: 88 Resp: 116

Ion Ratio Lower Upper

88 100

58 187.1 81.1 121.7#

43 0.0 31.4 47.0#

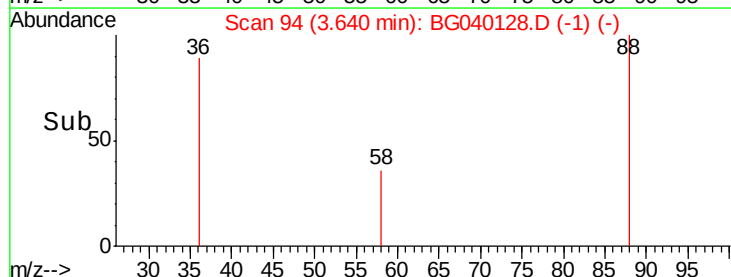
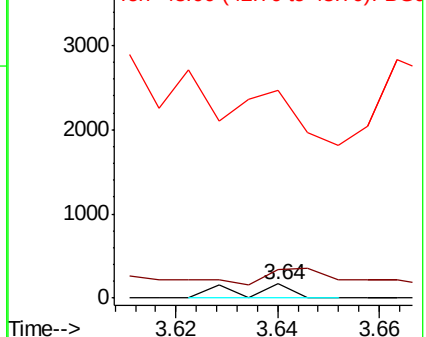


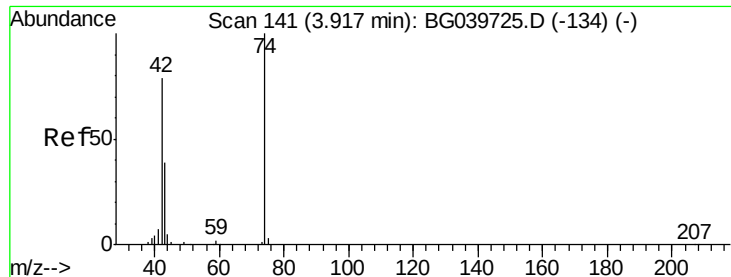
Abundance

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: 0.411 ng

RT: 4.00 min Scan# 155

Delta R.T. 0.07 min

Lab File: BG040128.D

Acq: 25 Mar 2019 22:13

Instrument :

BNA_G

ClientSampleId :

S4B(22-28)

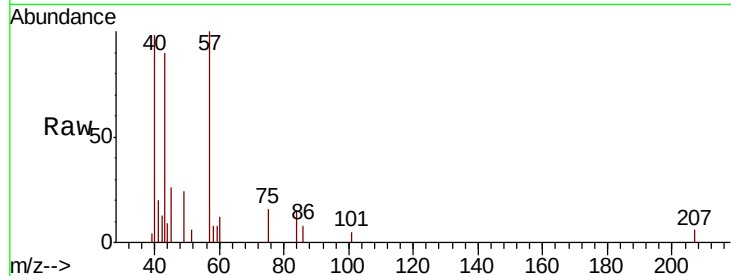
Tgt Ion: 42 Resp: 472

Ion Ratio Lower Upper

42 100

74 0.0 83.6 125.4#

44 67.4 6.9 10.3#

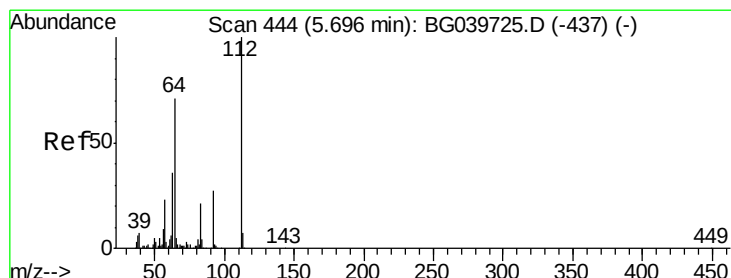
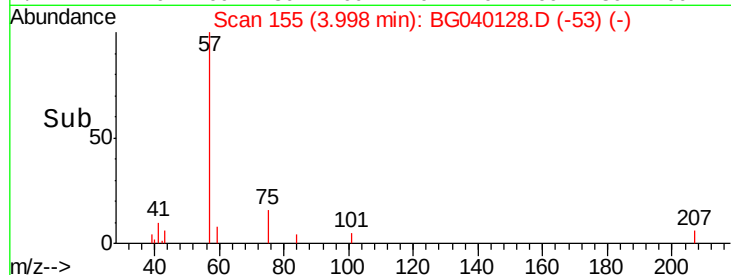
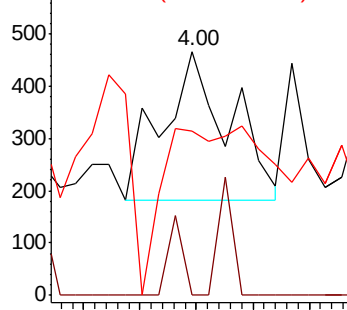


Abundance

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: 130.795 ng

RT: 5.69 min Scan# 443

Delta R.T. -0.02 min

Lab File: BG040128.D

Acq: 25 Mar 2019 22:13

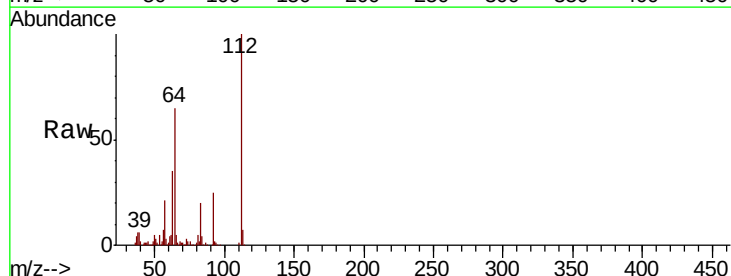
Tgt Ion: 112 Resp: 256436

Ion Ratio Lower Upper

112 100

64 65.2 57.8 86.8

63 35.0 29.8 44.6

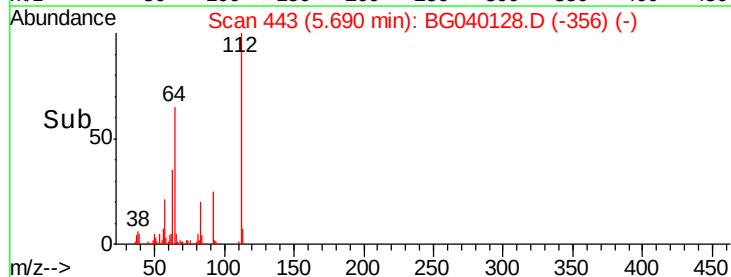
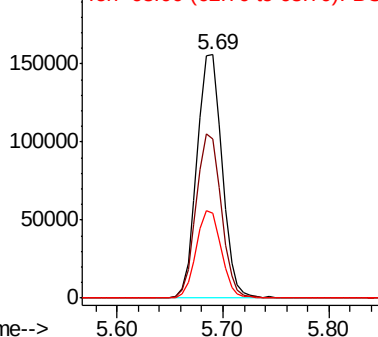


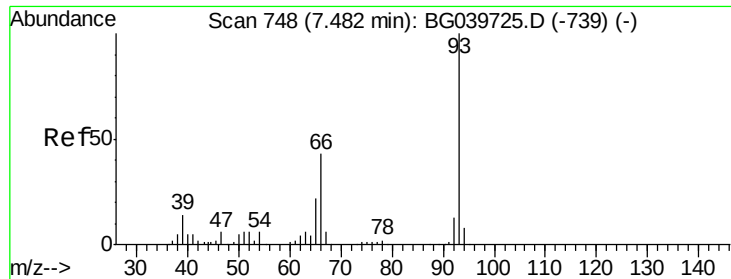
Abundance

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: 0.064 ng

RT: 7.66 min Scan# 779

Delta R.T. 0.17 min

Lab File: BG040128.D

Acq: 25 Mar 2019 22:13

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S4B(22-28)

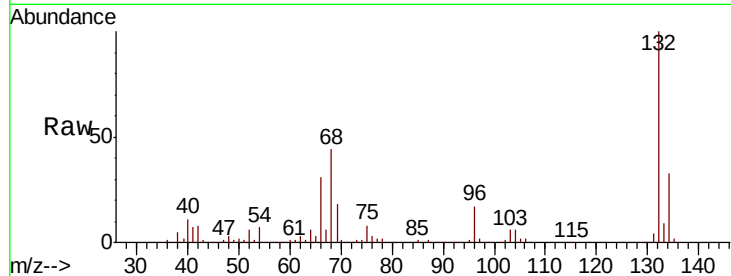
Tgt Ion: 93 Resp: 245

Ion Ratio Lower Upper

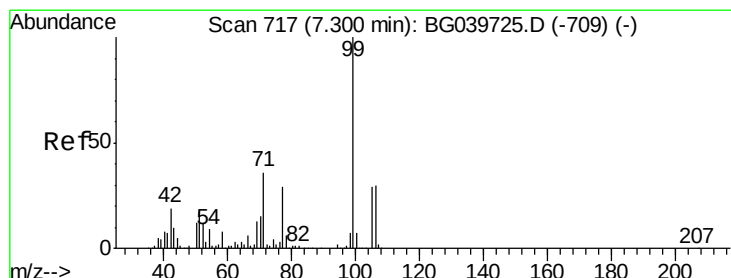
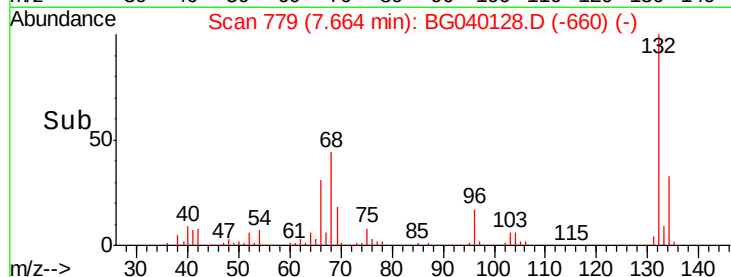
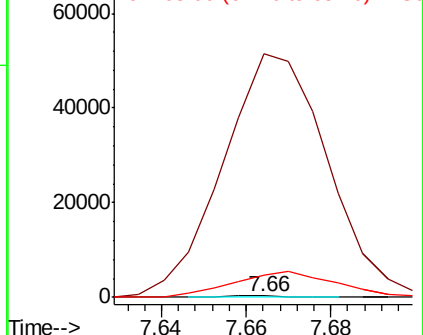
93 100

66 20582.4 34.2 51.4#

65 1887.2 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: 117.382 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040128.D

Acq: 25 Mar 2019 22:13

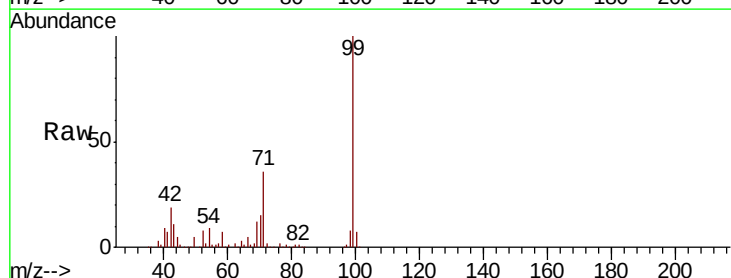
Tgt Ion: 99 Resp: 343151

Ion Ratio Lower Upper

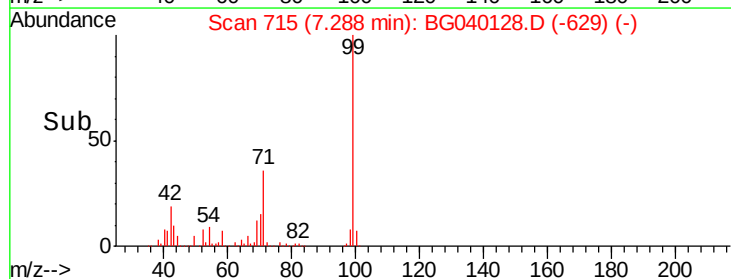
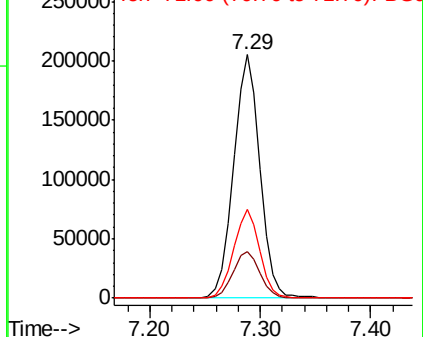
99 100

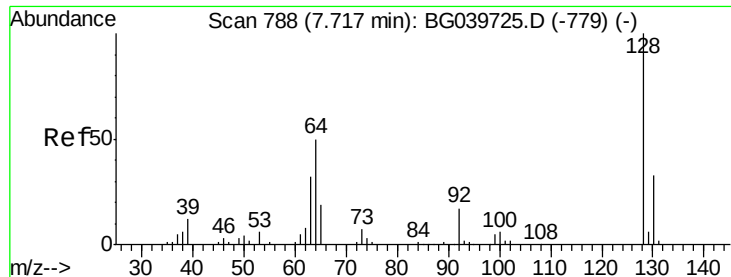
42 19.1 18.2 27.2

71 36.3 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: 0.023 ng

RT: 7.68 min Scan# 781

Delta R.T. -0.05 min

Lab File: BG040128.D

Acq: 25 Mar 2019 22:13

Instrument :

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S4B(22-28)

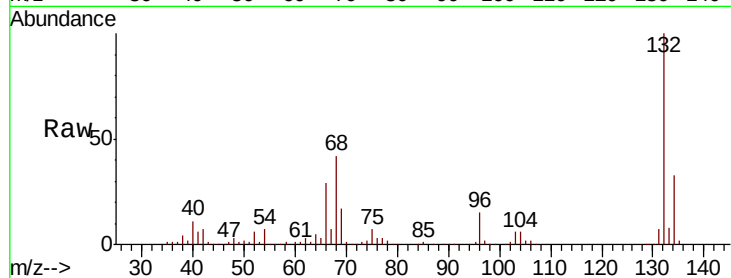
Tgt Ion:128 Resp: 54

Ion Ratio Lower Upper

128 100

130 219.7 12.9 52.9#

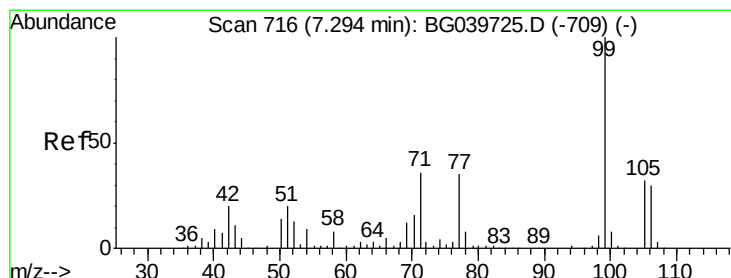
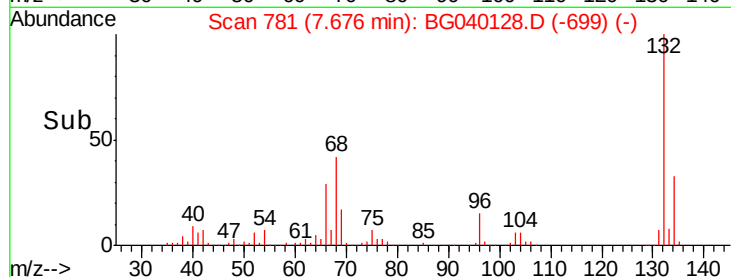
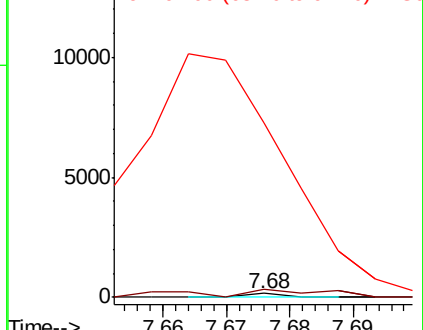
64 4798.0 38.7 78.7#



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: 0.323 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040128.D

Acq: 25 Mar 2019 22:13

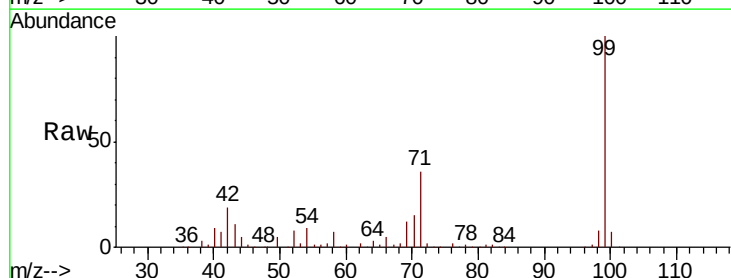
Tgt Ion: 77 Resp: 610

Ion Ratio Lower Upper

77 100

105 0.0 74.5 114.5#

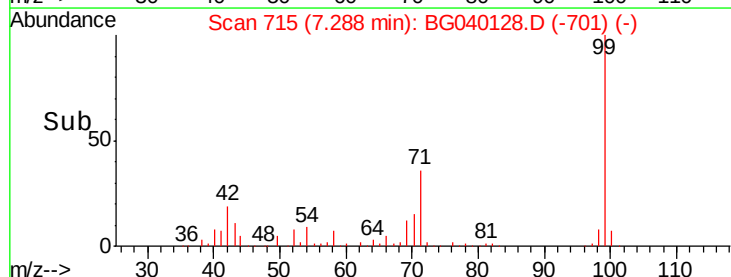
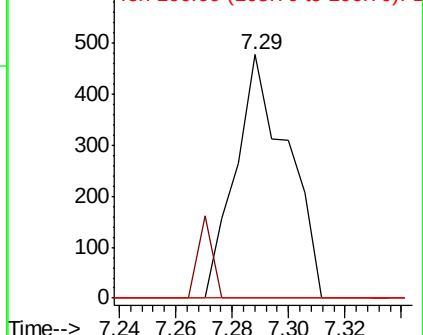
106 0.0 68.0 108.0#

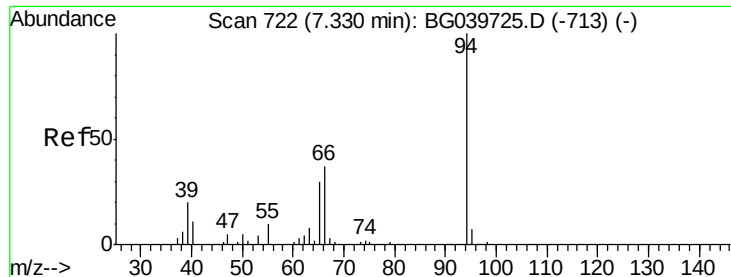


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.166 ng

RT: 7.67 min Scan# 780

Delta R.T. 0.33 min

Lab File: BG040128.D

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S4B(22-28)

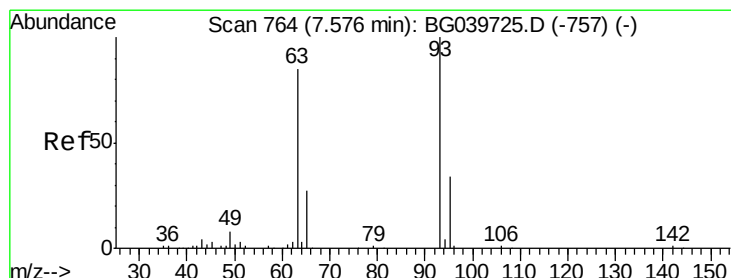
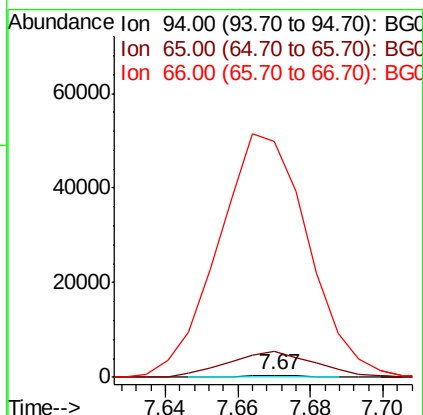
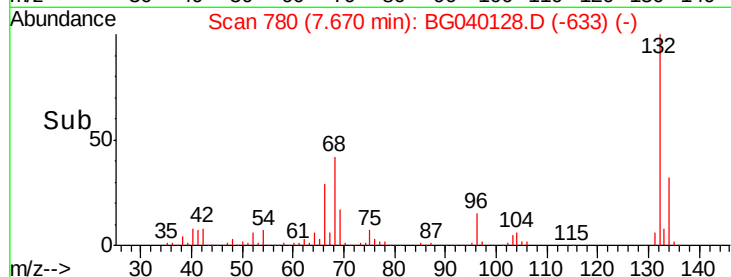
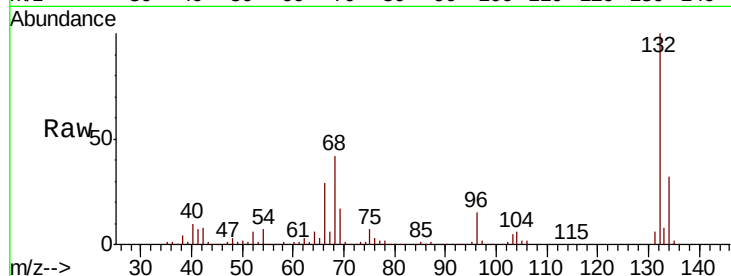
Tgt Ion: 94 Resp: 527

Ion Ratio Lower Upper

94 100

65 1198.3 11.7 51.7#

66 10744.1 23.7 63.7#



#11

bis(2-Chloroethyl)ether

Concen: 0.099 ng

RT: 7.66 min Scan# 779

Delta R.T. 0.08 min

Lab File: BG040128.D

Acq: 25 Mar 2019 22:13

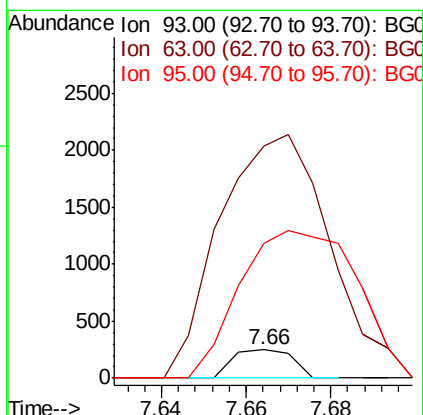
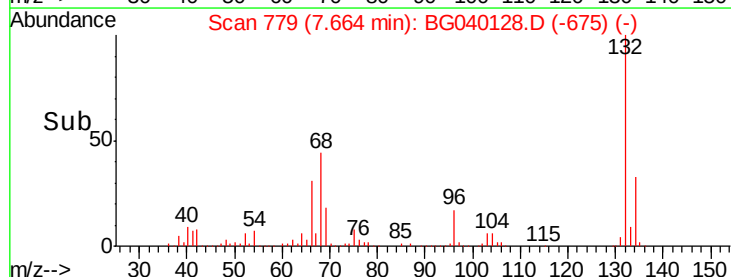
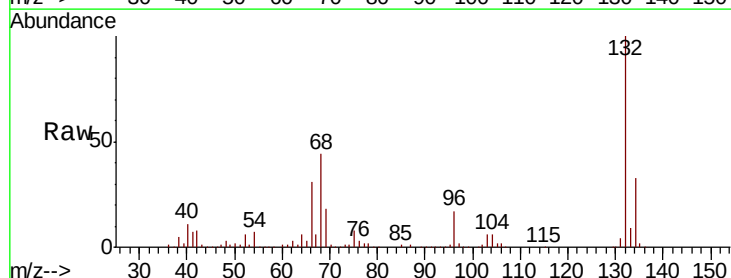
Tgt Ion: 93 Resp: 245

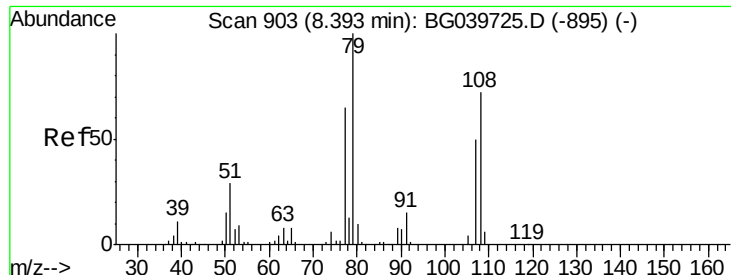
Ion Ratio Lower Upper

93 100

63 815.6 69.5 109.5#

95 472.4 12.7 52.7#





#15

Benzyl Alcohol

Concen: 1.452 ng

RT: 8.46 min Scan# 915

Delta R.T. 0.06 min

Lab File: BG040128.D

Acq: 25 Mar 2019 22:13

Instrument :

BNA_G

ClientSampleId :

S4B(22-28)

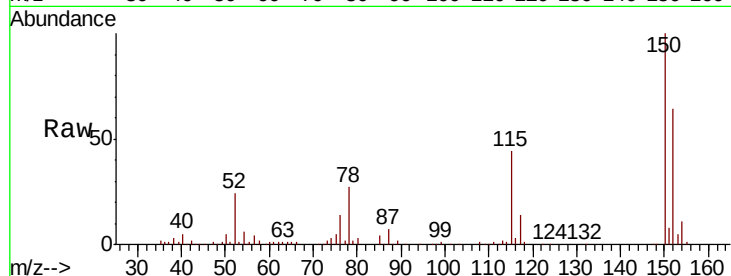
Tgt Ion: 79 Resp: 3368

Ion Ratio Lower Upper

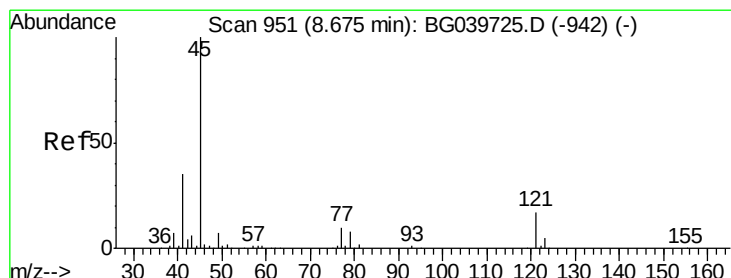
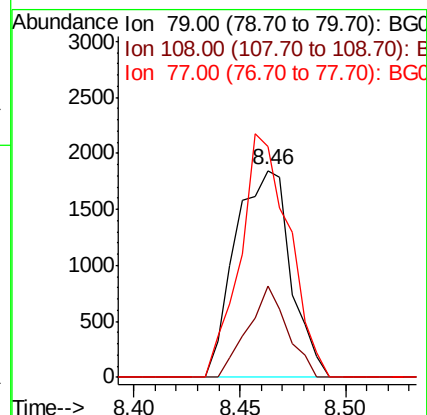
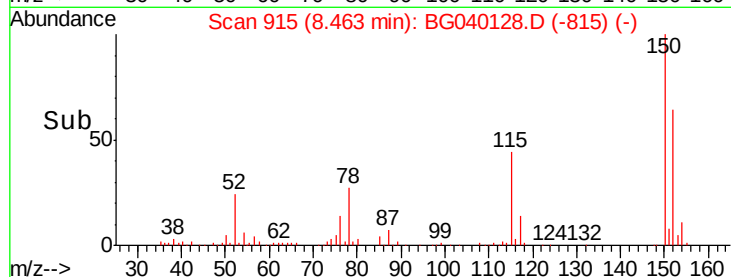
79 100

108 43.9 57.8 86.6#

77 111.5 51.1 76.7#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.048 ng

RT: 8.63 min Scan# 944

Delta R.T. -0.05 min

Lab File: BG040128.D

Acq: 25 Mar 2019 22:13

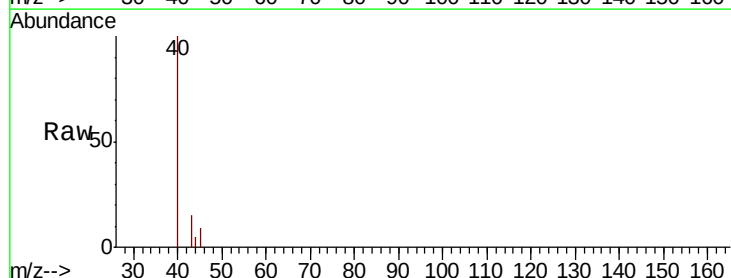
Tgt Ion: 45 Resp: 239

Ion Ratio Lower Upper

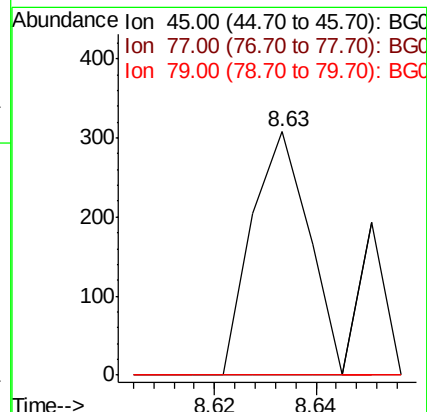
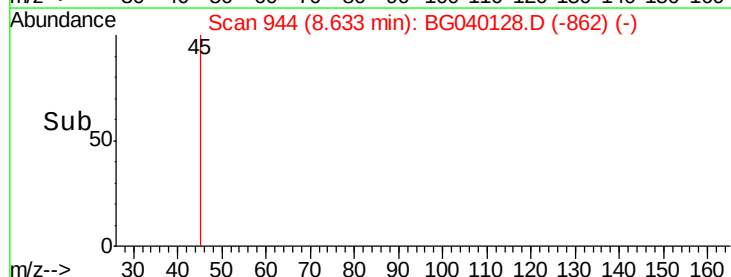
45 100

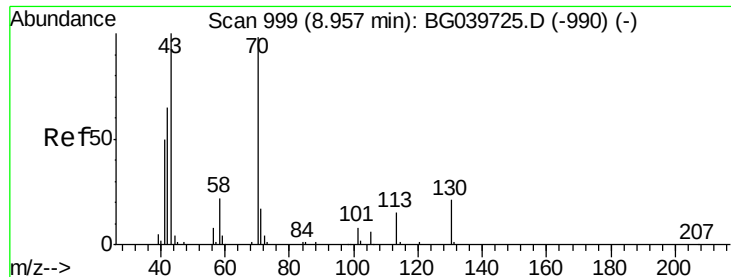
77 0.0 0.0 30.0

79 0.0 0.0 27.5



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

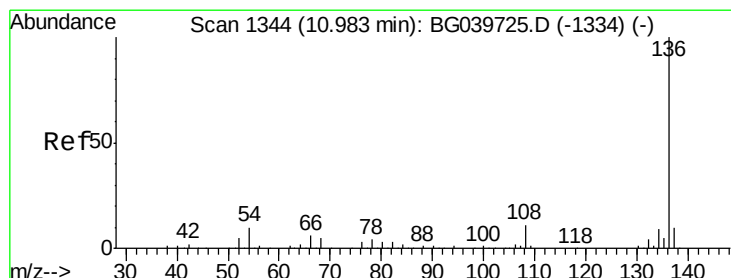
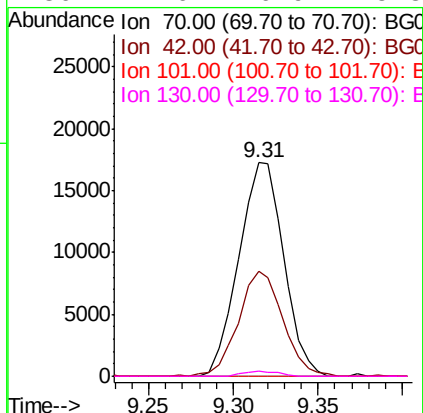
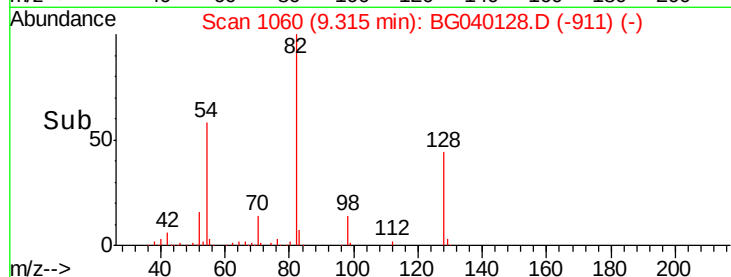
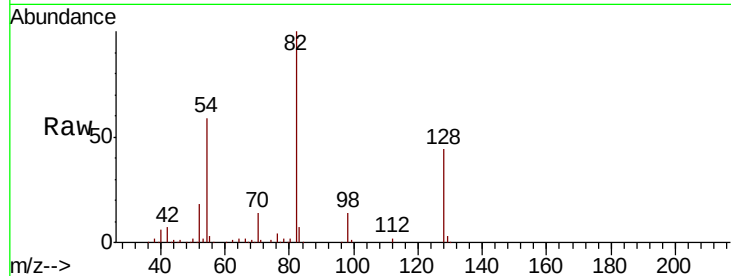




#19
n-Nitroso-di-n-propylamine
Concen: 15.104 ng
RT: 9.31 min Scan# 1060
Delta R.T. 0.35 min
Lab File: BG040128.D
Acq: 25 Mar 2019 22:13

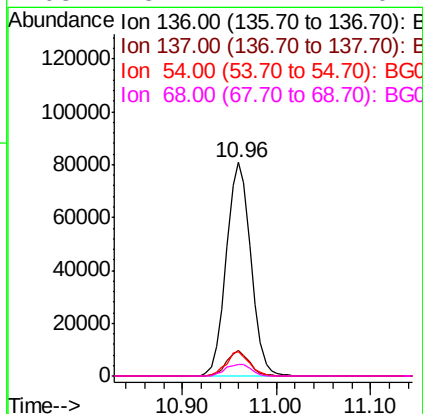
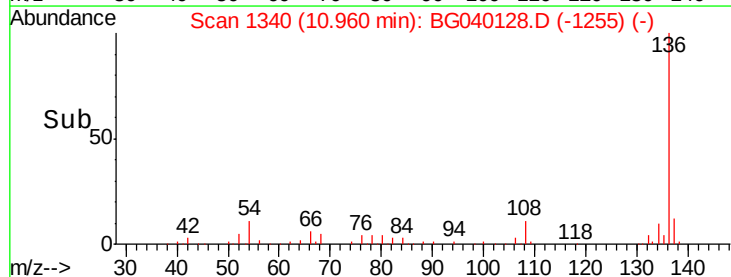
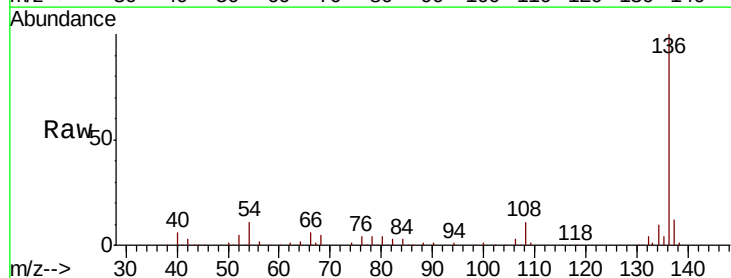
Instrument :
BNA_G
ClientSampleId :
S4B(22-28)

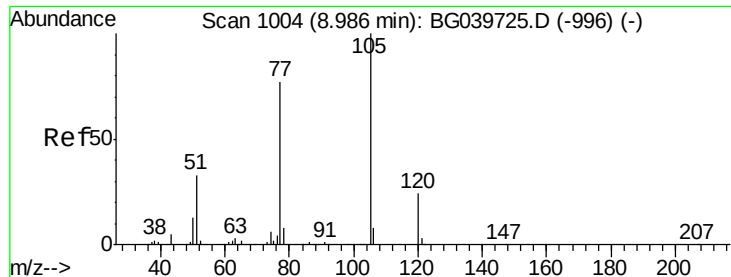
Tgt Ion: 70 Resp: 31781
Ion Ratio Lower Upper
70 100
42 49.1 60.4 90.6#
101 0.0 7.5 11.3#
130 2.6 16.9 25.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BG040128.D
Acq: 25 Mar 2019 22:13

Tgt Ion: 136 Resp: 146183
Ion Ratio Lower Upper
136 100
137 11.9 9.1 13.7
54 11.5 9.4 14.2
68 5.2 4.2 6.4

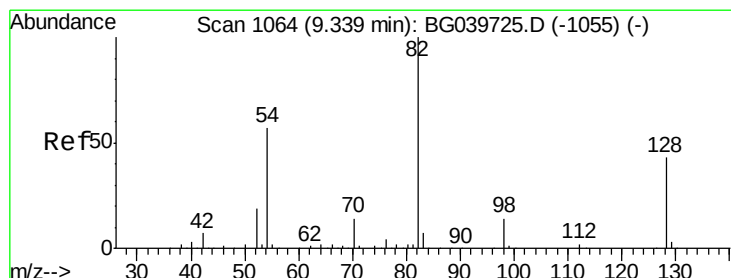
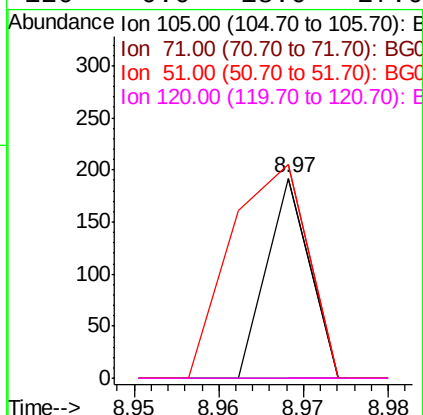
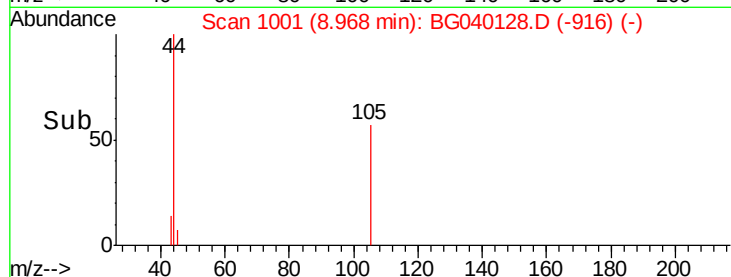
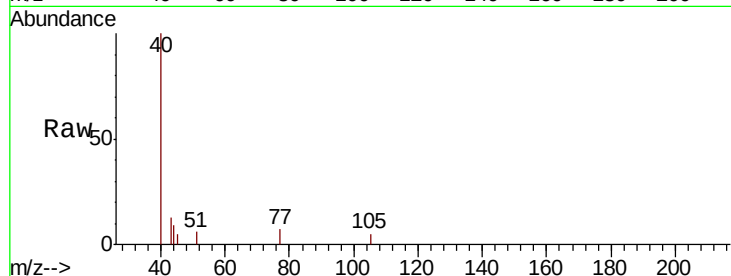




#22
Acetophenone
Concen: 0.017 ng
RT: 8.97 min Scan# 1001
Delta R.T. -0.03 min
Lab File: BG040128.D
Acq: 25 Mar 2019 22:13

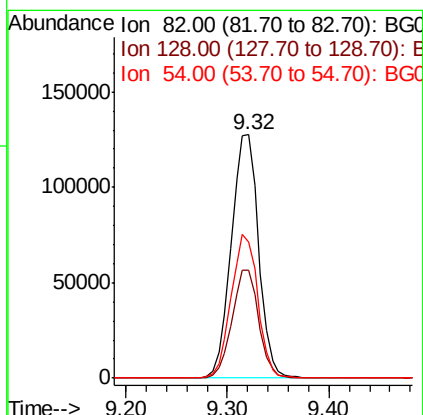
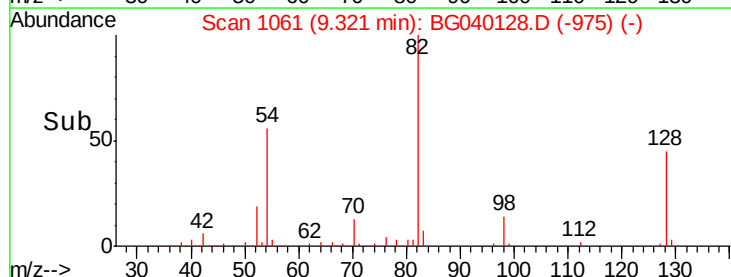
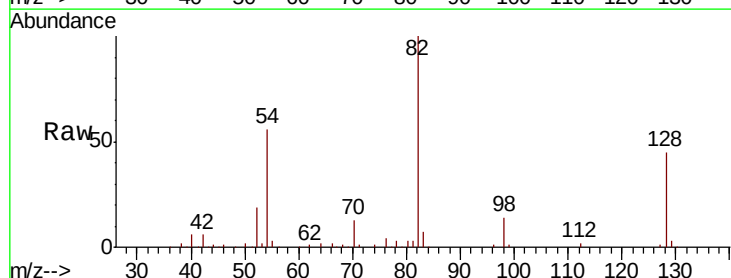
Instrument :
BNA_G
ClientSampleId :
S4B(22-28)

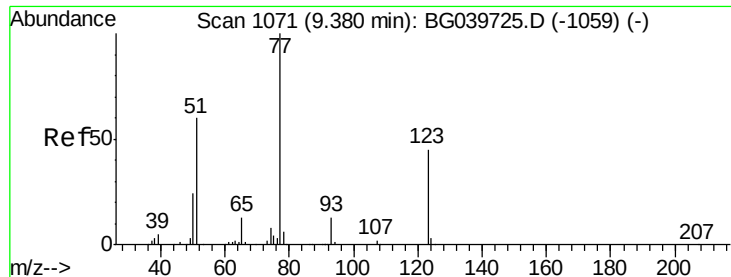
Tgt Ion: 105 Resp: 68
Ion Ratio Lower Upper
105 100
71 0.0 0.8 1.2#
51 106.8 30.2 45.2#
120 0.0 18.0 27.0#



#23
Nitrobenzene-d5
Concen: 88.401 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG040128.D
Acq: 25 Mar 2019 22:13

Tgt Ion: 82 Resp: 238937
Ion Ratio Lower Upper
82 100
128 44.6 31.3 46.9
54 55.8 50.9 76.3

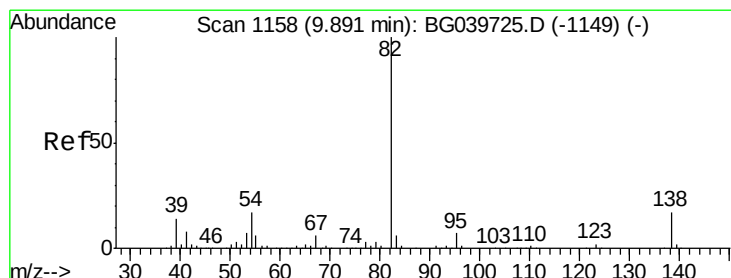
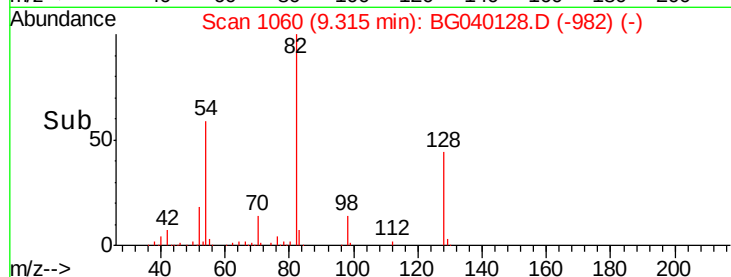
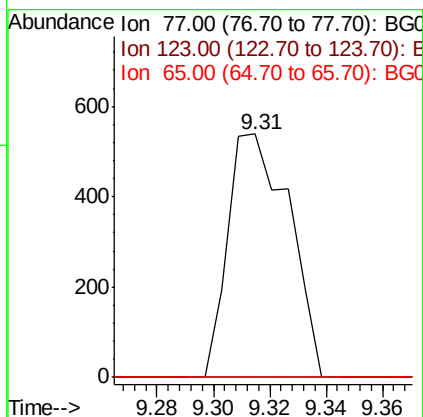
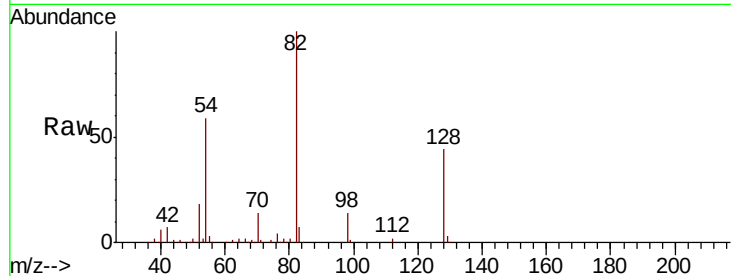




#24
 Nitrobenzene
 Concen: 0.286 ng
 RT: 9.31 min Scan# 1060
 Delta R.T. -0.07 min
 Lab File: BG040128.D
 Acq: 25 Mar 2019 22:13

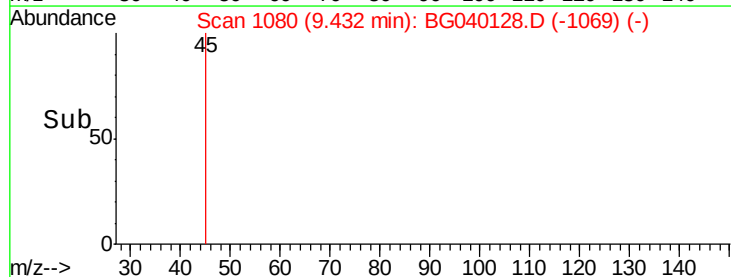
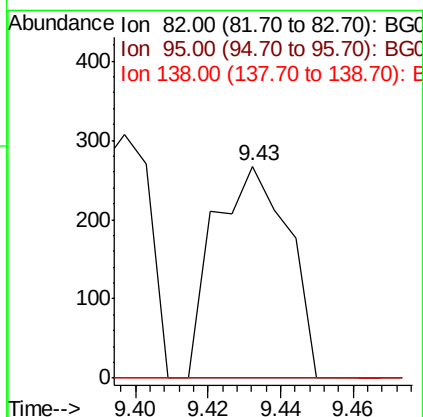
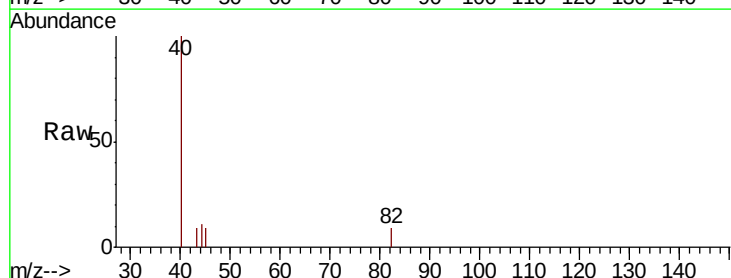
Instrument :
 BNA_G
 ClientSampleId :
 S4B(22-28)

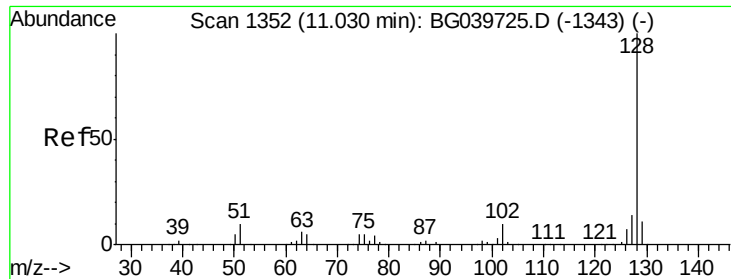
Tgt Ion: 77 Resp: 810
 Ion Ratio Lower Upper
 77 100
 123 0.0 34.1 51.1#
 65 0.0 12.3 18.5#



#25
 Isophorone
 Concen: 0.067 ng
 RT: 9.43 min Scan# 1080
 Delta R.T. -0.47 min
 Lab File: BG040128.D
 Acq: 25 Mar 2019 22:13

Tgt Ion: 82 Resp: 379
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.2 9.2#
 138 0.0 13.0 19.4#

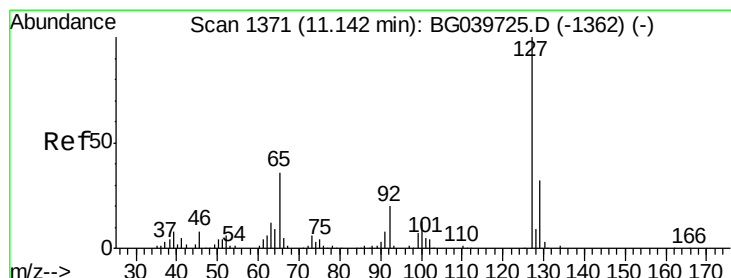
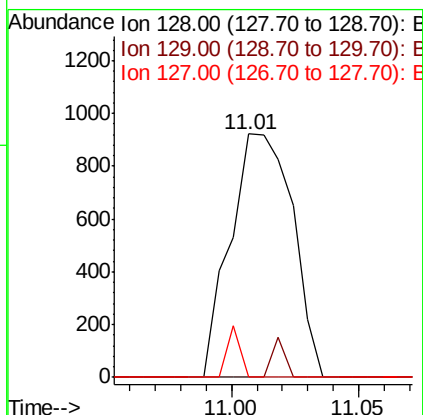
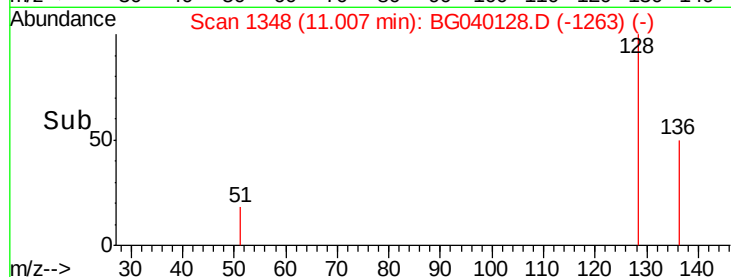
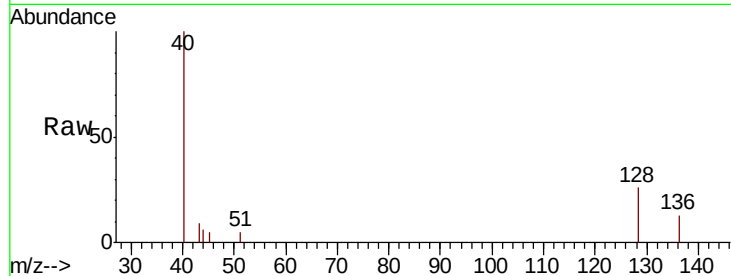




#31
Naphthalene
Concen: 0.203 ng
RT: 11.01 min Scan# 1348
Delta R.T. -0.03 min
Lab File: BG040128.D
Acq: 25 Mar 2019 22:13

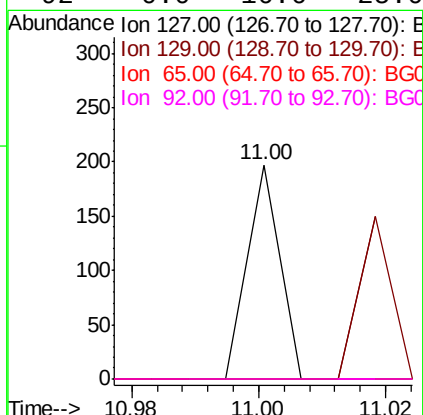
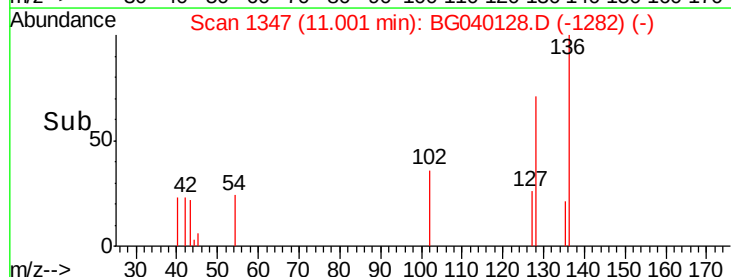
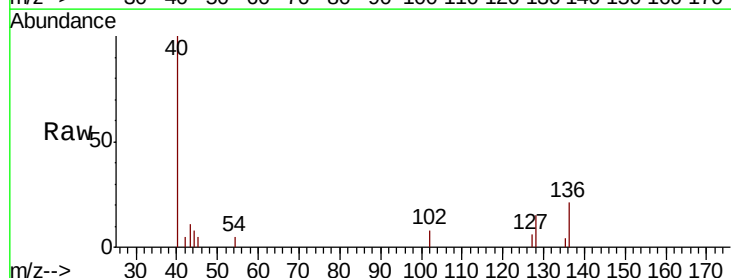
Instrument :
BNA_G
ClientSampleId :
S4B(22-28)

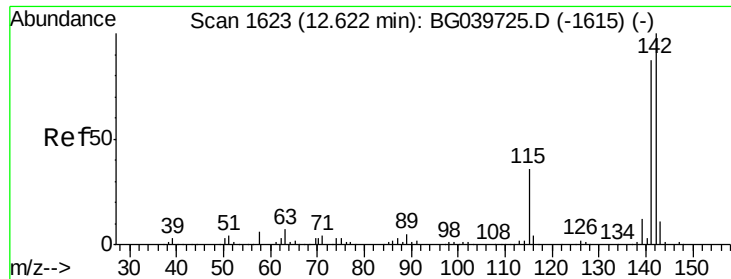
Tgt Ion:128 Resp: 1575
Ion Ratio Lower Upper
128 100
129 0.0 8.7 13.1#
127 0.0 10.8 16.2#



#33
4-Chloroaniline
Concen: 0.021 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.15 min
Lab File: BG040128.D
Acq: 25 Mar 2019 22:13

Tgt Ion:127 Resp: 69
Ion Ratio Lower Upper
127 100
129 0.0 27.0 40.4#
65 0.0 28.8 43.2#
92 0.0 16.6 25.0#

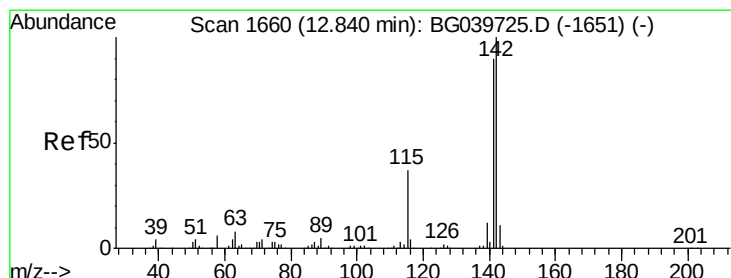
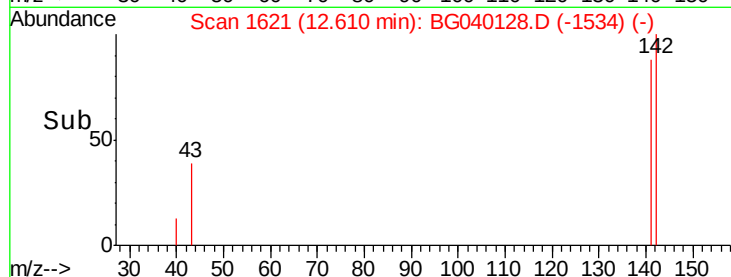
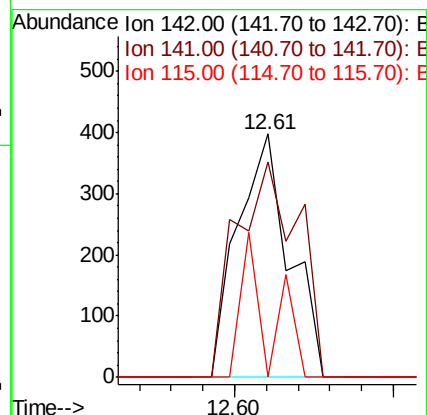
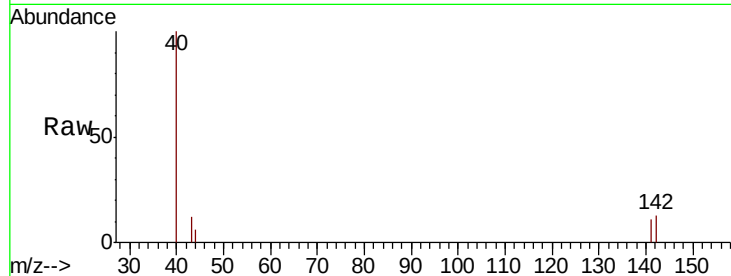




#37
 2-Methylnaphthalene
 Concen: 0.077 ng
 RT: 12.61 min Scan# 1621
 Delta R.T. -0.02 min
 Lab File: BG040128.D
 Acq: 25 Mar 2019 22:13

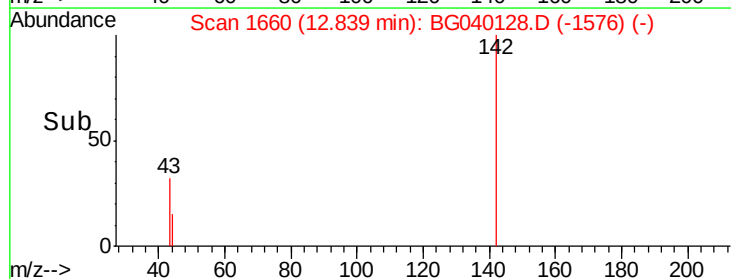
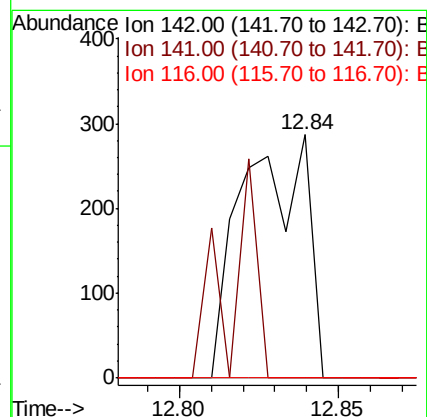
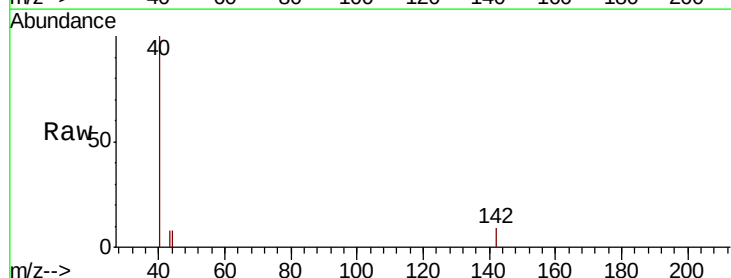
Instrument :
 BNA_G
 ClientSampleId :
 S4B(22-28)

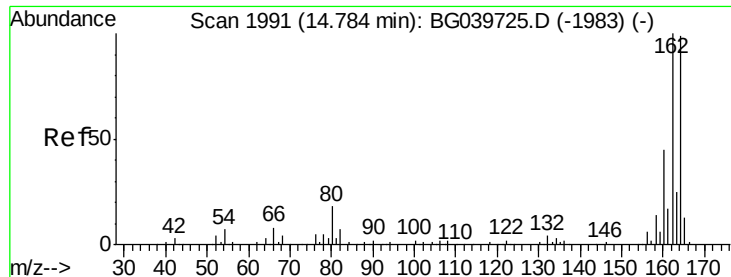
Tgt Ion:142 Resp: 448
 Ion Ratio Lower Upper
 142 100
 141 88.4 73.5 110.3
 115 0.0 30.8 46.2#



#38
 1-Methylnaphthalene
 Concen: 0.072 ng
 RT: 12.84 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BG040128.D
 Acq: 25 Mar 2019 22:13

Tgt Ion:142 Resp: 407
 Ion Ratio Lower Upper
 142 100
 141 0.0 74.2 111.4#
 116 0.0 3.0 4.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BG040128.D

Acq: 25 Mar 2019 22:13

Instrument :

BNA_G

ClientSampleId :

S4B(22-28)

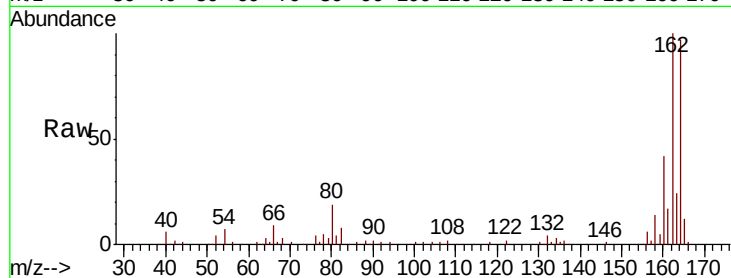
Tgt Ion:164 Resp: 103832

Ion Ratio Lower Upper

164 100

162 102.7 81.6 122.4

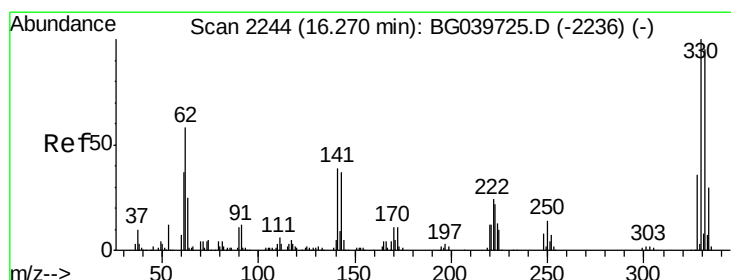
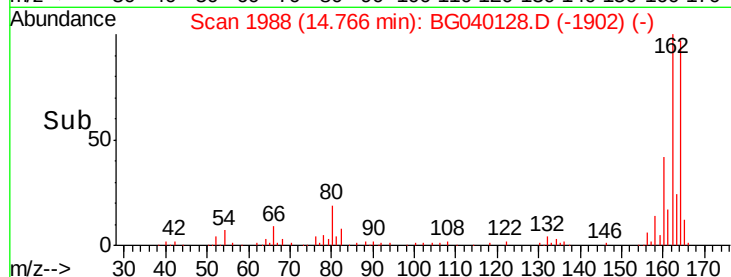
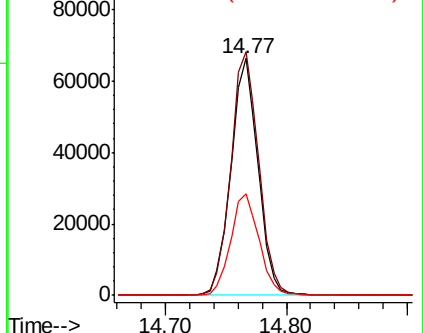
160 42.7 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 129.125 ng

RT: 16.25 min Scan# 2241

Delta R.T. -0.02 min

Lab File: BG040128.D

Acq: 25 Mar 2019 22:13

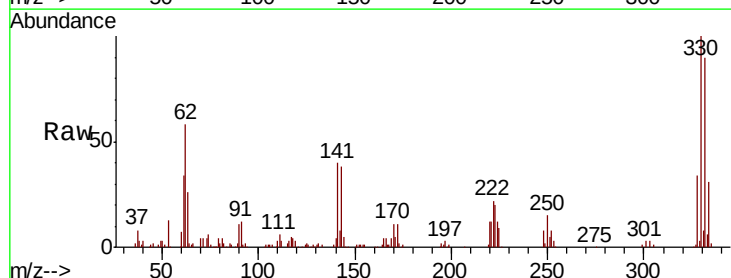
Tgt Ion:330 Resp: 156272

Ion Ratio Lower Upper

330 100

332 93.9 75.7 113.5

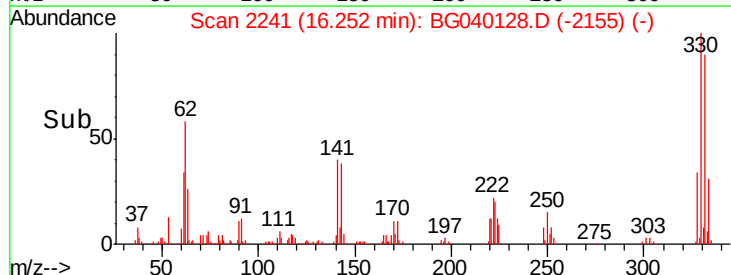
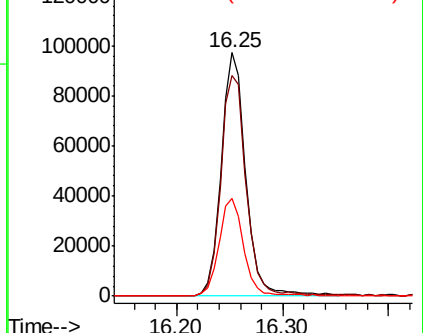
141 40.8 35.6 53.4

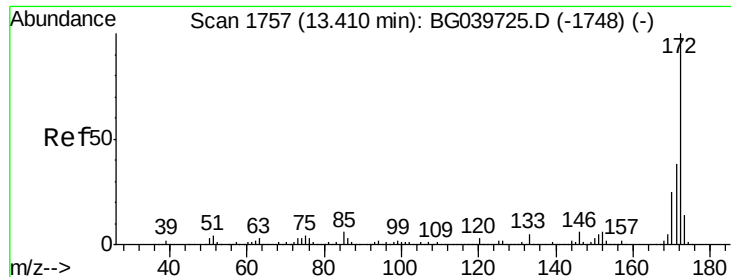


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

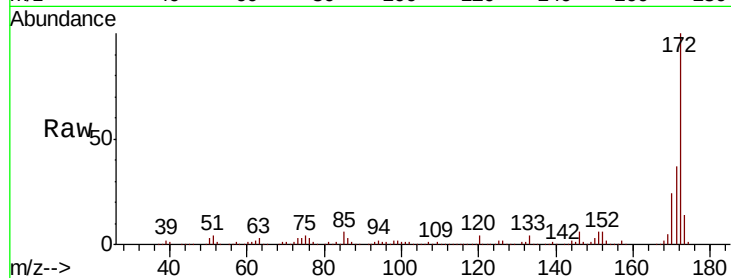




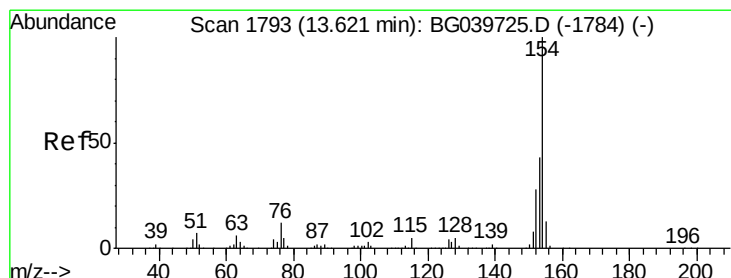
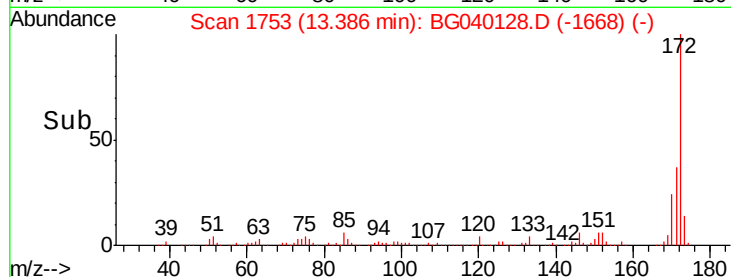
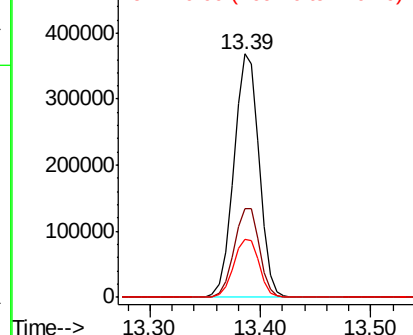
#45
 2-Fluorobiphenyl
 Concen: 80.878 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. -0.03 min
 Lab File: BG040128.D
 Acq: 25 Mar 2019 22:13

Instrument :
 BNA_G
 ClientSampleId :
 S4B(22-28)

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.8	46.2
170	23.9	20.2	30.4

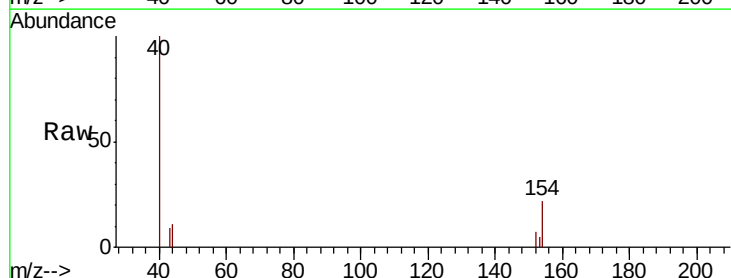


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

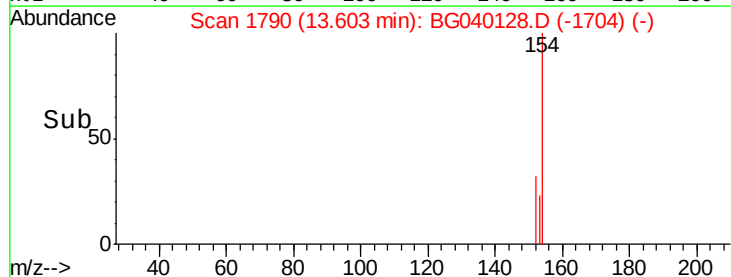
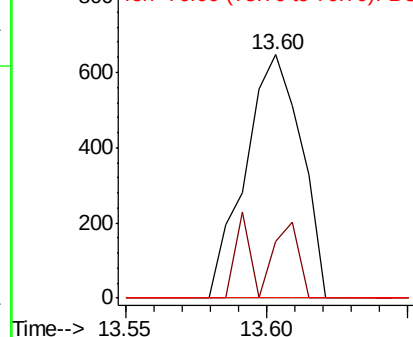


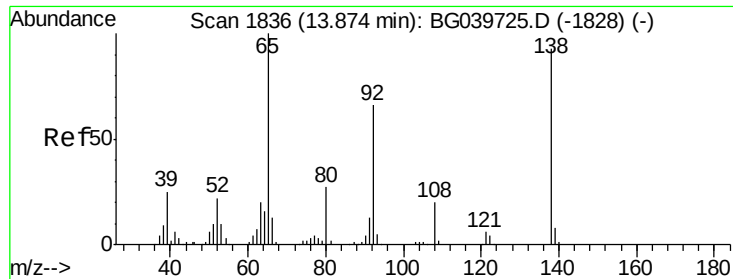
#46
 1,1'-Biphenyl
 Concen: 0.104 ng
 RT: 13.60 min Scan# 1790
 Delta R.T. -0.02 min
 Lab File: BG040128.D
 Acq: 25 Mar 2019 22:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	23.3	22.1	62.1
76	0.0	0.0	32.4



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BG

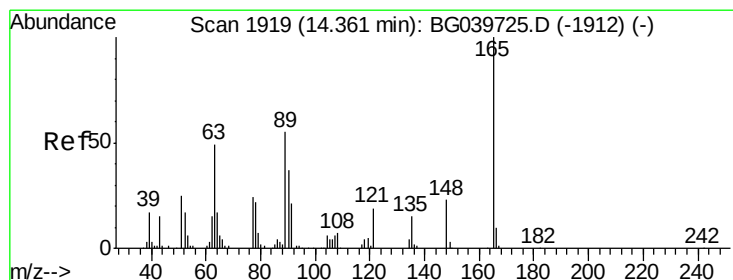
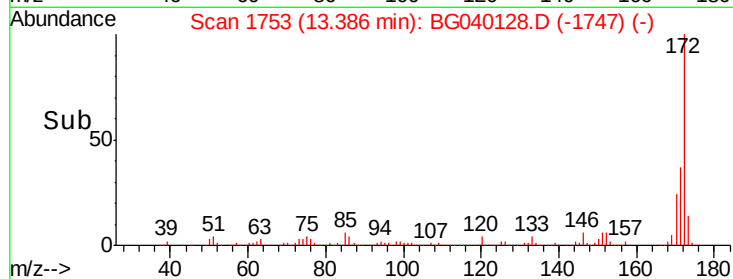
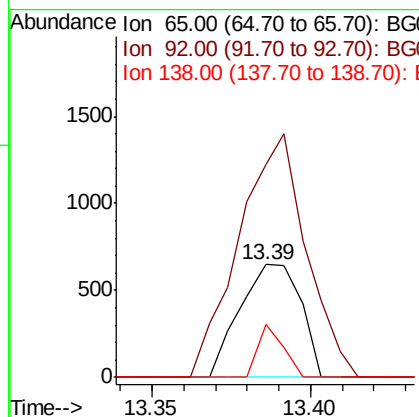
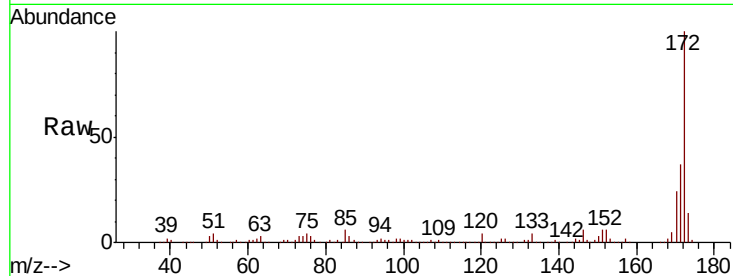




#48
 2-Nitroaniline
 Concen: 0.418 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. -0.49 min
 Lab File: BG040128.D
 Acq: 25 Mar 2019 22:13

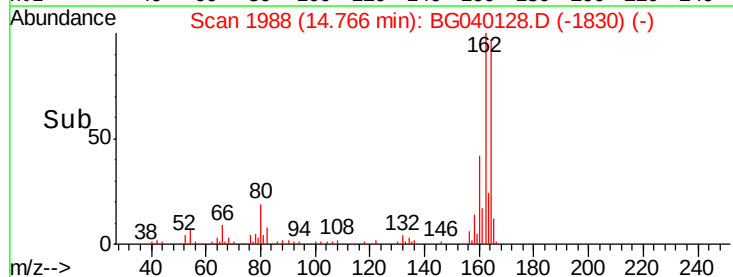
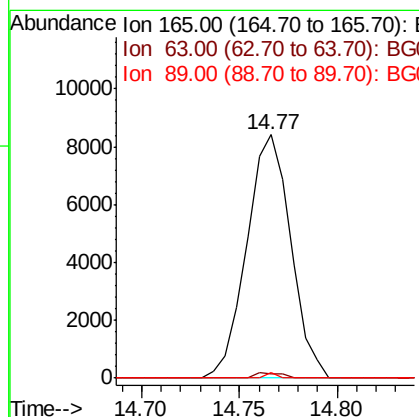
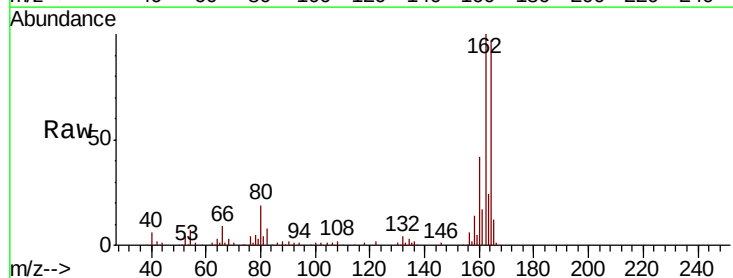
Instrument :
 BNA_G
 ClientSampleId :
 S4B(22-28)

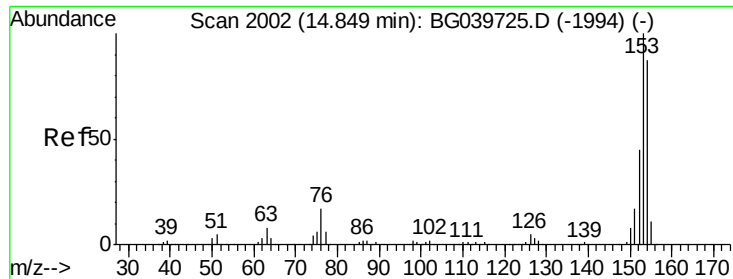
Tgt Ion: 65 Resp: 864
 Ion Ratio Lower Upper
 65 100
 92 189.3 51.4 77.2#
 138 47.4 71.4 107.2#



#51
 2,6-Dinitrotoluene
 Concen: 7.123 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. 0.40 min
 Lab File: BG040128.D
 Acq: 25 Mar 2019 22:13

Tgt Ion: 165 Resp: 13110
 Ion Ratio Lower Upper
 165 100
 63 1.8 47.0 70.6#
 89 2.3 45.8 68.8#





#52

Acenaphthene

Concen: 0.024 ng

RT: 14.82 min Scan# 1998

Delta R.T. -0.03 min

Lab File: BG040128.D

Acq: 25 Mar 2019 22:13

Instrument :

BNA_G

ClientSampleId :

S4B(22-28)

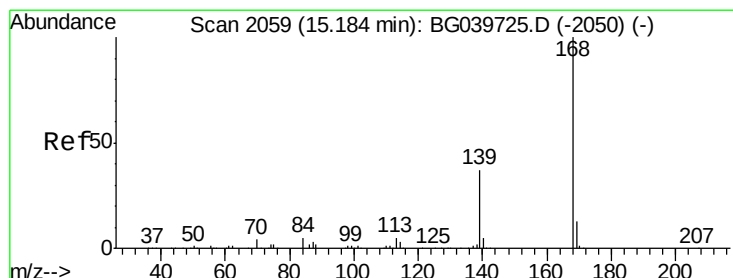
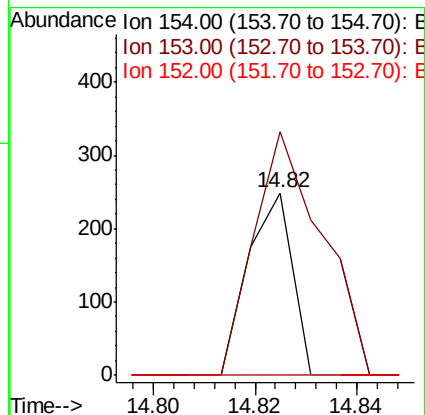
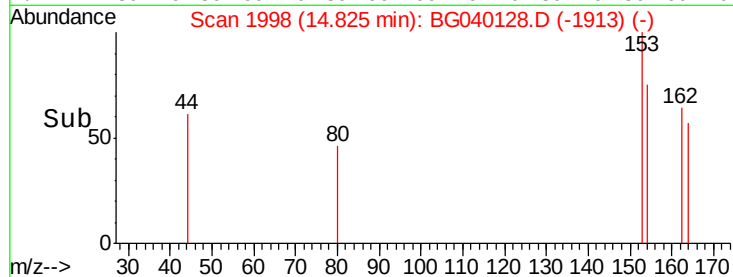
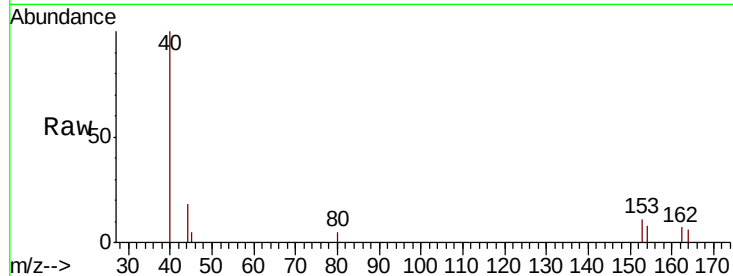
Tgt Ion:154 Resp: 150

Ion Ratio Lower Upper

154 100

153 133.3 90.1 135.1

152 0.0 40.9 61.3#



#55

Dibenzofuran

Concen: 0.006 ng

RT: 15.17 min Scan# 2056

Delta R.T. -0.02 min

Lab File: BG040128.D

Acq: 25 Mar 2019 22:13

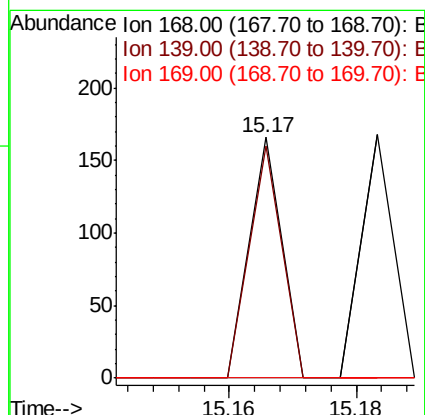
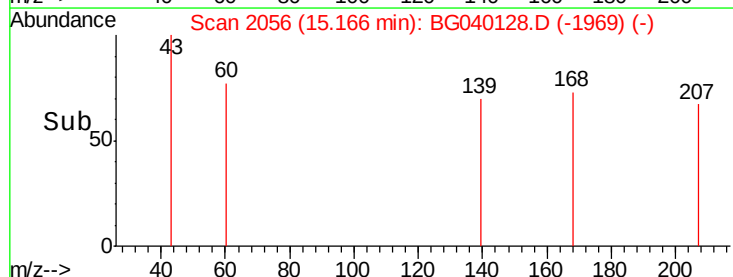
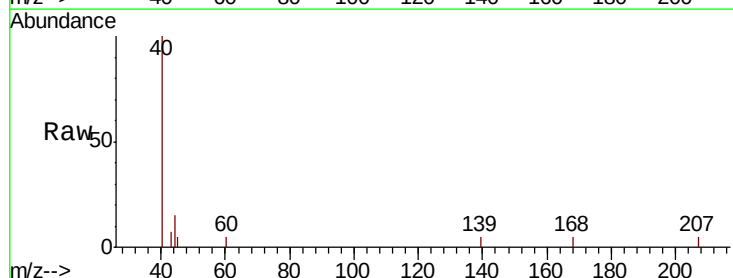
Tgt Ion:168 Resp: 59

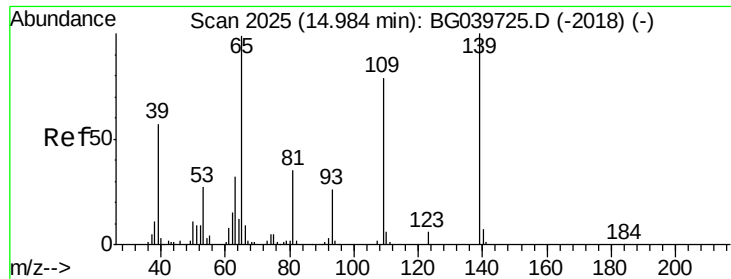
Ion Ratio Lower Upper

168 100

139 96.4 30.1 45.1#

169 0.0 10.6 16.0#

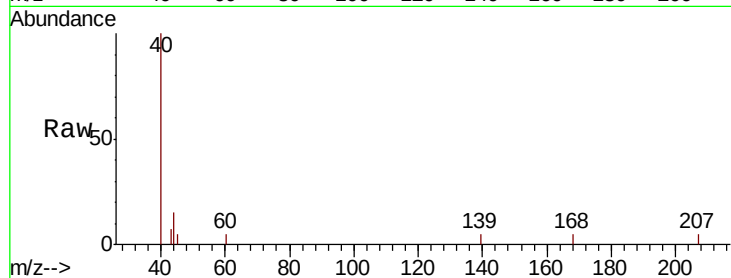




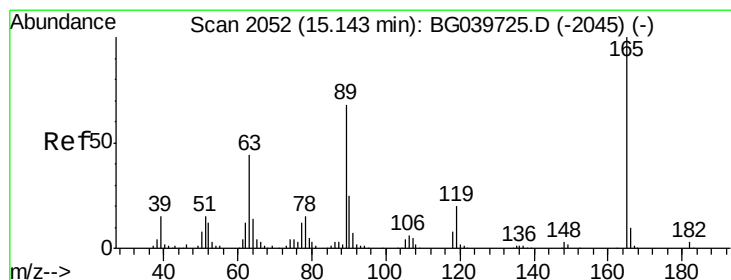
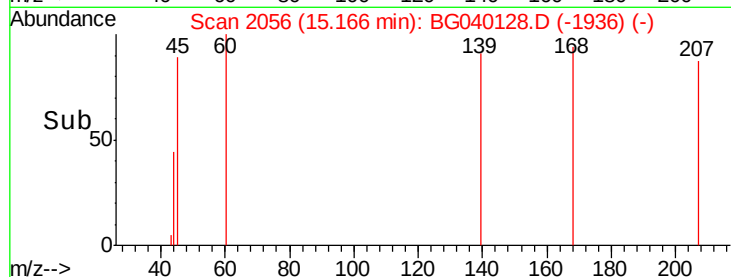
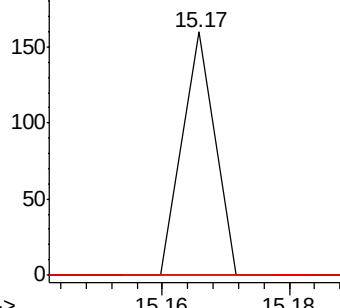
#56
4-Nitrophenol
Concen: 0.034 ng
RT: 15.17 min Scan# 2056
Delta R.T. 0.18 min
Lab File: BG040128.D
Acq: 25 Mar 2019 22:13

Instrument :
BNA_G
ClientSampleId :
S4B(22-28)

Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.0	61.9	101.9#
65	0.0	99.1	139.1#

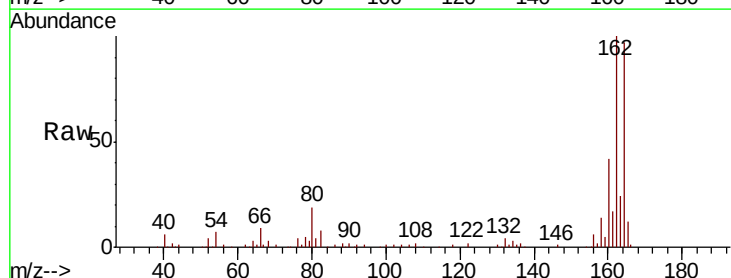


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

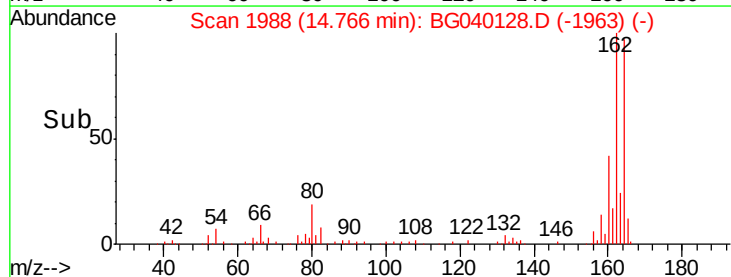
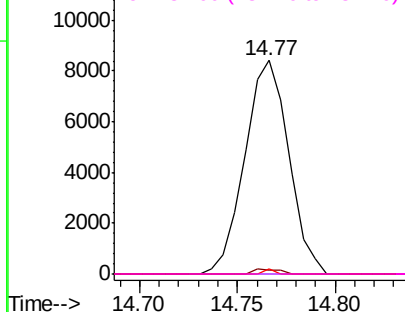


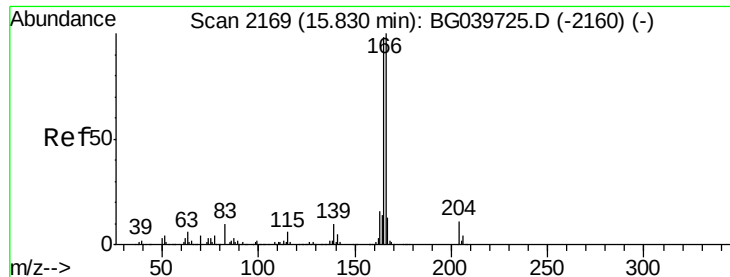
#57
2,4-Dinitrotoluene
Concen: 5.069 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.38 min
Lab File: BG040128.D
Acq: 25 Mar 2019 22:13

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



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





#58

Fluorene

Concen: 0.764 ng

RT: 16.25 min Scan# 2241

Delta R.T. 0.42 min

Lab File: BG040128.D

Acq: 25 Mar 2019 22:13

Instrument :

BNA_G

ClientSampleId :

S4B(22-28)

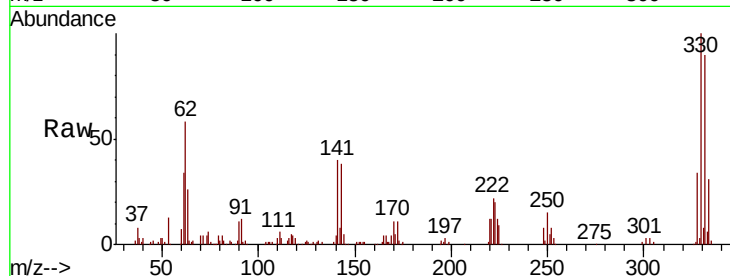
Tgt Ion:166 Resp: 6259

Ion Ratio Lower Upper

166 100

165 106.1 77.9 116.9

167 30.4 10.8 16.2#

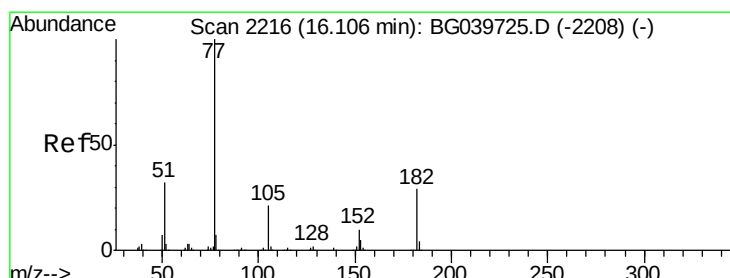
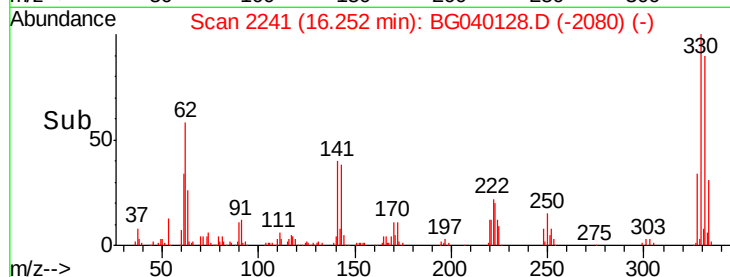
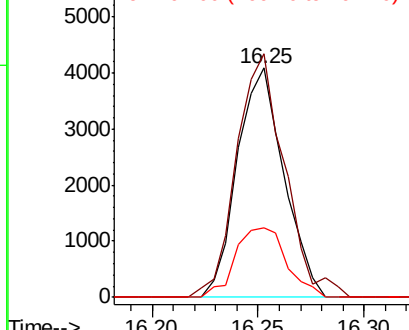


Abundance

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: 0.104 ng

RT: 16.24 min Scan# 2239

Delta R.T. 0.13 min

Lab File: BG040128.D

Acq: 25 Mar 2019 22:13

Tgt Ion: 77 Resp: 813

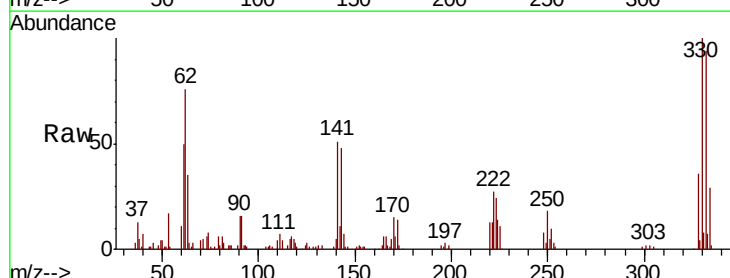
Ion Ratio Lower Upper

77 100

182 0.0 6.4 46.4#

105 70.1 0.0 39.8#

51 50.1 14.1 54.1



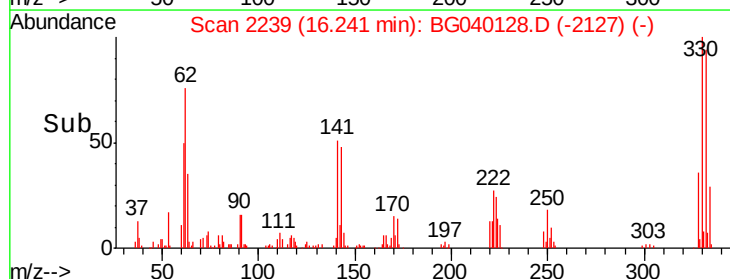
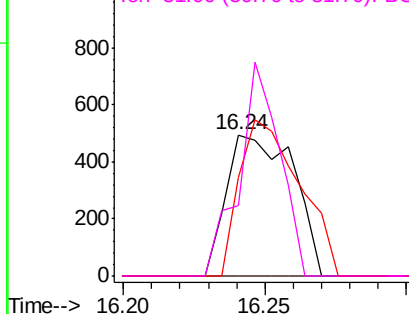
Abundance

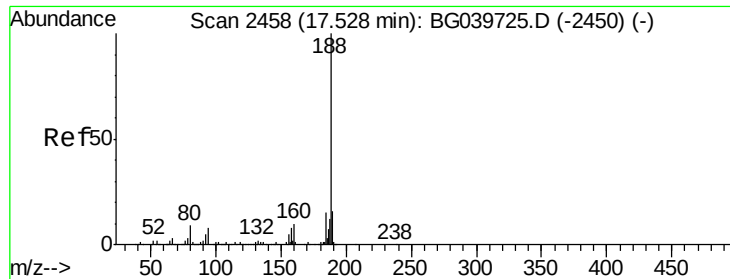
Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.51 min Scan# 2455

Delta R.T. -0.02 min

Lab File: BG040128.D

Acq: 25 Mar 2019 22:13

Instrument :

BNA_G

ClientSampleId :

S4B(22-28)

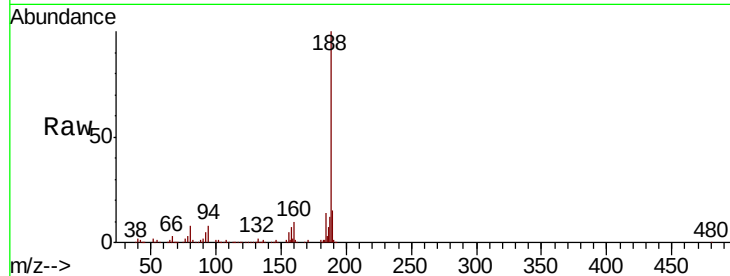
Tgt Ion:188 Resp: 276149

Ion Ratio Lower Upper

188 100

94 8.0 6.9 10.3

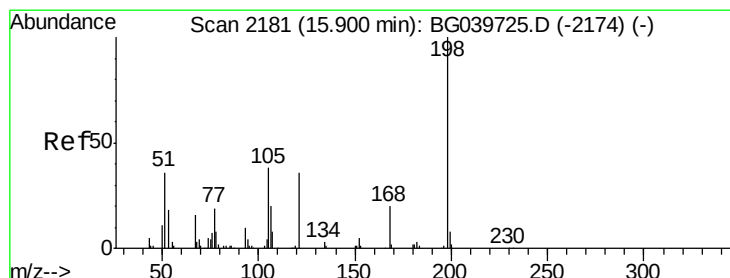
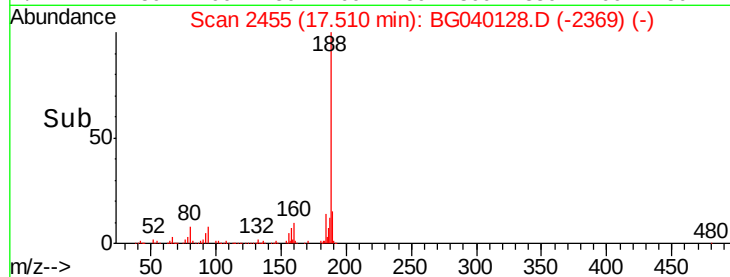
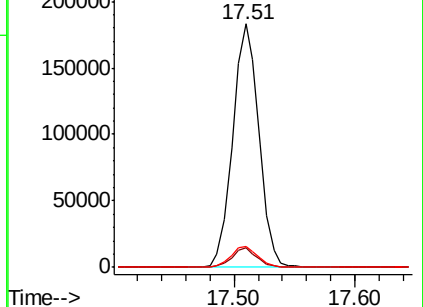
80 8.4 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#65

4,6-Dinitro-2-methylphenol

Concen: 0.248 ng

RT: 16.25 min Scan# 2240

Delta R.T. 0.34 min

Lab File: BG040128.D

Acq: 25 Mar 2019 22:13

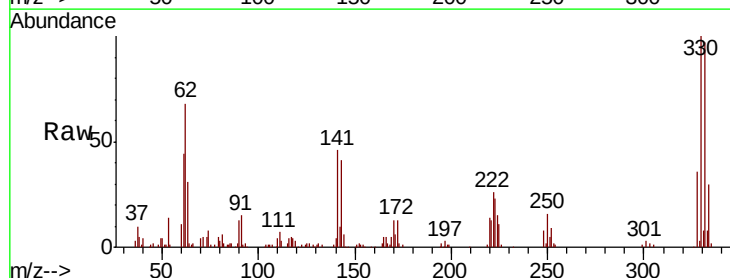
Tgt Ion:198 Resp: 405

Ion Ratio Lower Upper

198 100

51 159.5 27.4 67.4#

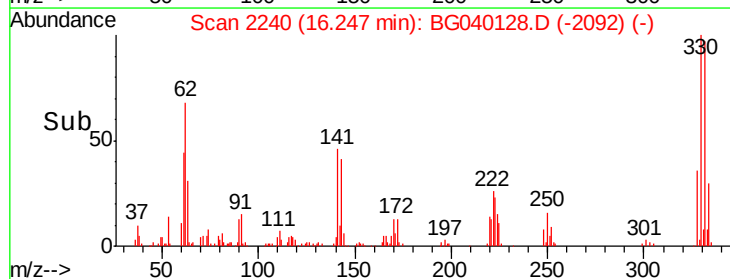
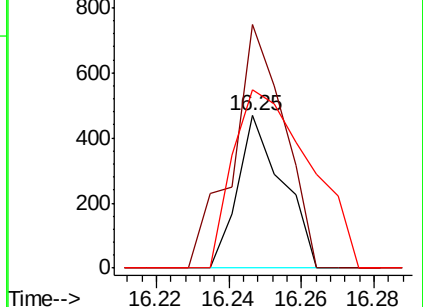
105 117.1 19.7 59.7#

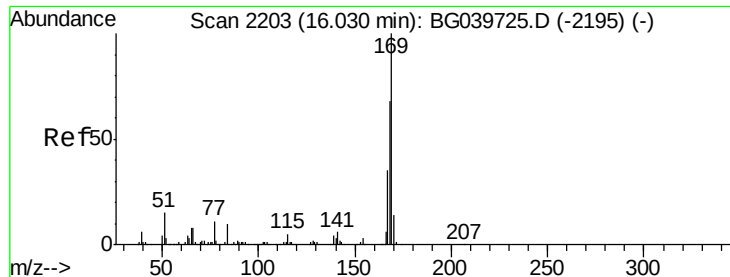


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

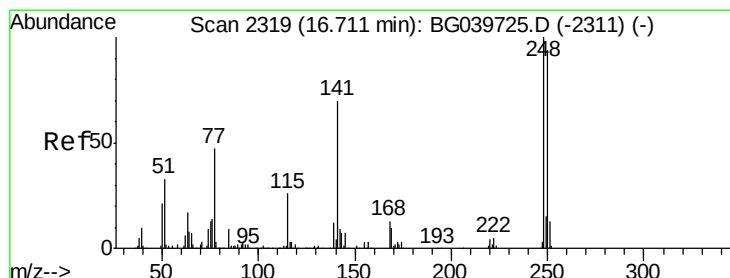
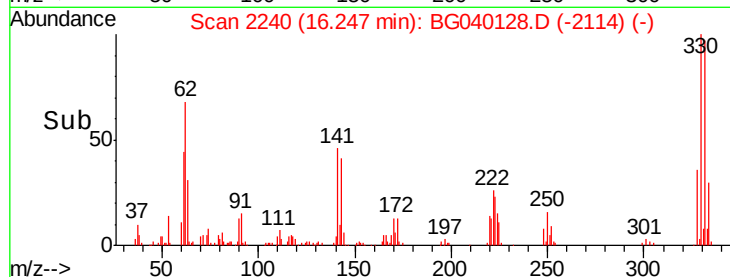
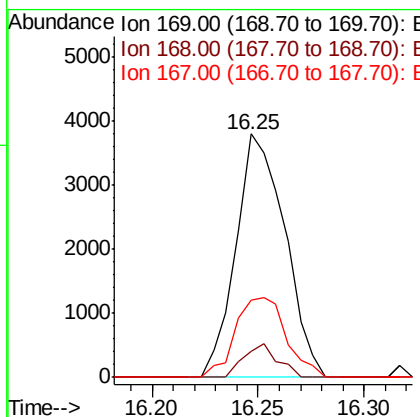
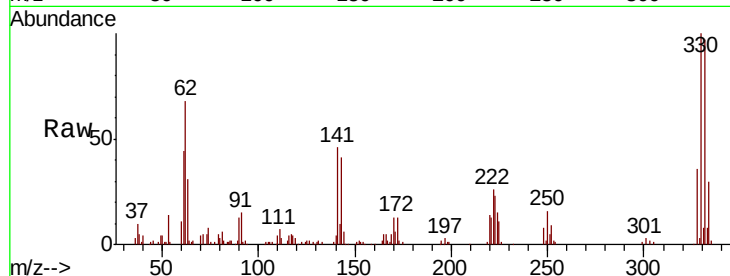




#66
 n-Nitrosodiphenylamine
 Concen: 0.762 ng
 RT: 16.25 min Scan# 2240
 Delta R.T. 0.21 min
 Lab File: BG040128.D
 Acq: 25 Mar 2019 22:13

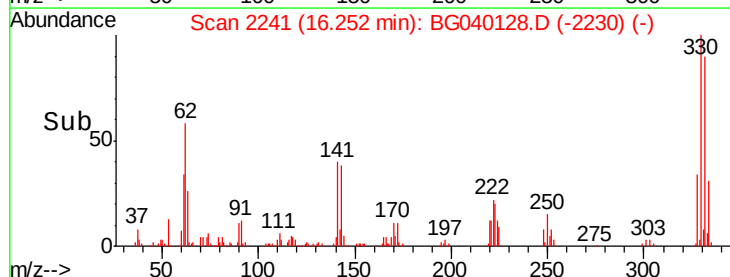
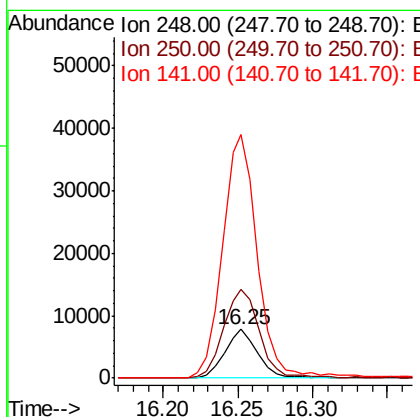
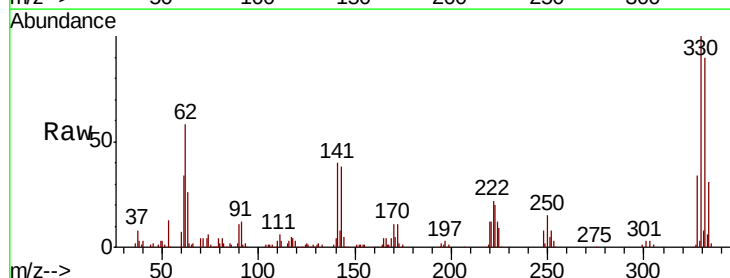
Instrument :
 BNA_G
 ClientSampleId :
 S4B(22-28)

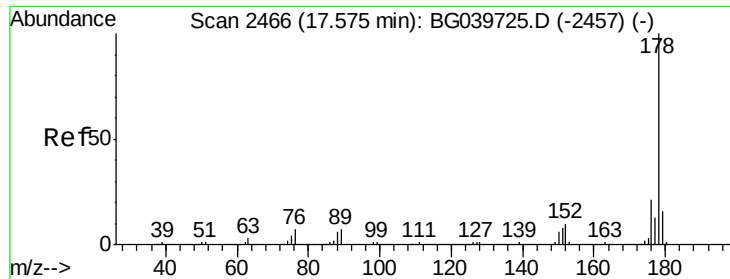
Tgt Ion:169 Resp: 6094
 Ion Ratio Lower Upper
 169 100
 168 10.5 56.6 85.0#
 167 31.6 28.8 43.2



#67
 4-Bromophenyl-phenylether
 Concen: 3.820 ng
 RT: 16.25 min Scan# 2241
 Delta R.T. -0.47 min
 Lab File: BG040128.D
 Acq: 25 Mar 2019 22:13

Tgt Ion:248 Resp: 11807
 Ion Ratio Lower Upper
 248 100
 250 181.0 77.6 116.4#
 141 498.6 63.9 95.9#

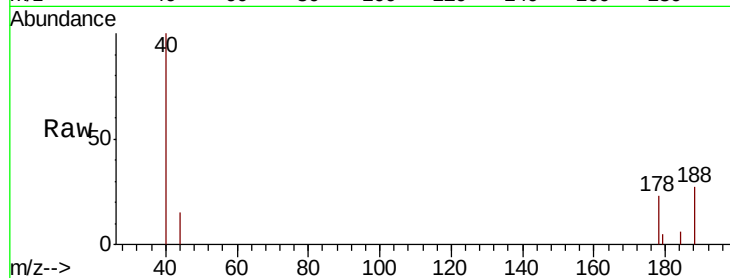




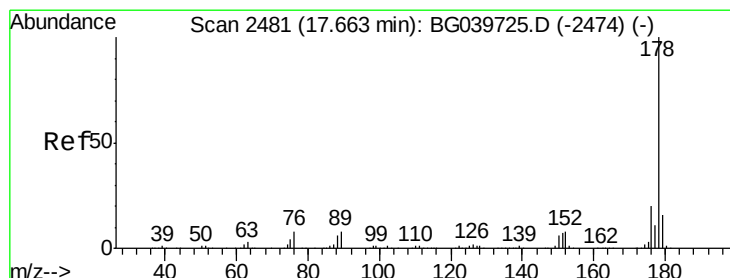
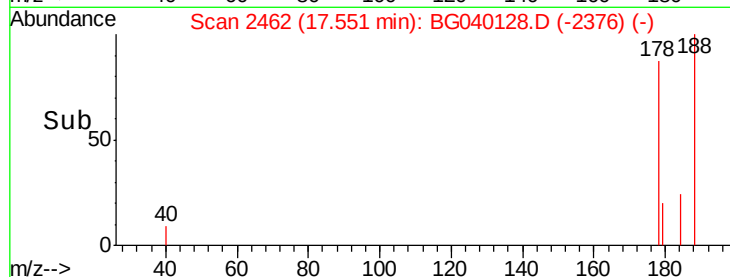
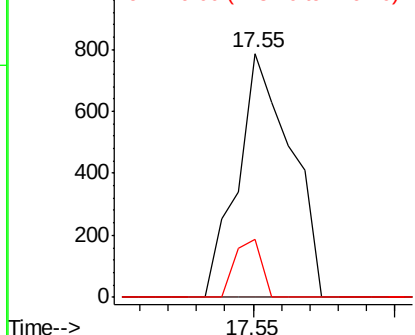
#71
Phenanthrene
Concen: 0.067 ng
RT: 17.55 min Scan# 2462
Delta R.T. -0.02 min
Lab File: BG040128.D
Acq: 25 Mar 2019 22:13

Instrument :
BNA_G
ClientSampleId :
S4B(22-28)

Tgt Ion:178 Resp: 1024
Ion Ratio Lower Upper
178 100
176 0.0 16.2 24.4#
179 23.5 12.6 19.0#

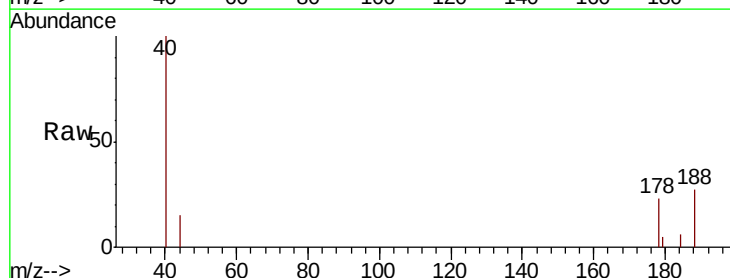


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

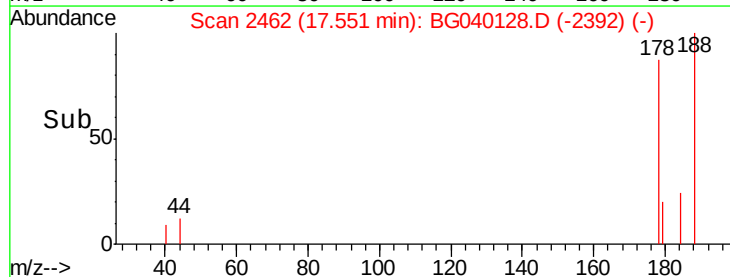
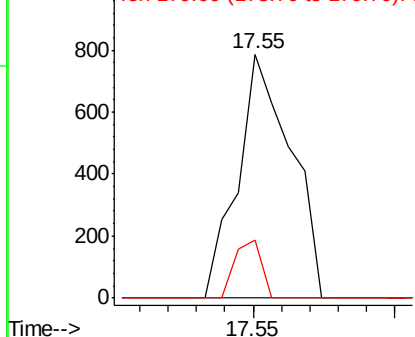


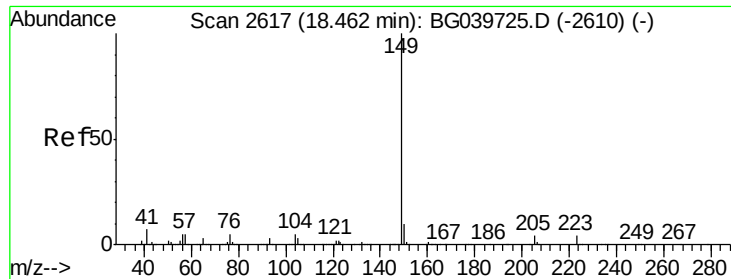
#72
Anthracene
Concen: 0.069 ng
RT: 17.55 min Scan# 2462
Delta R.T. -0.12 min
Lab File: BG040128.D
Acq: 25 Mar 2019 22:13

Tgt Ion:178 Resp: 1024
Ion Ratio Lower Upper
178 100
176 0.0 15.8 23.6#
179 23.5 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

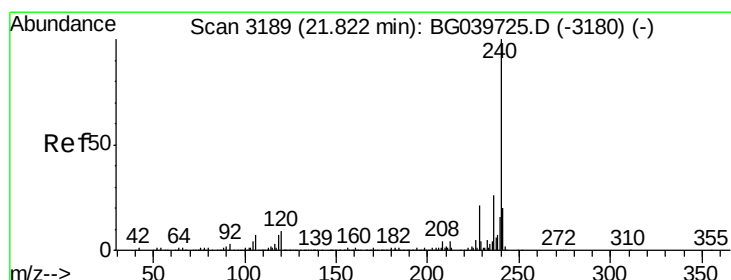
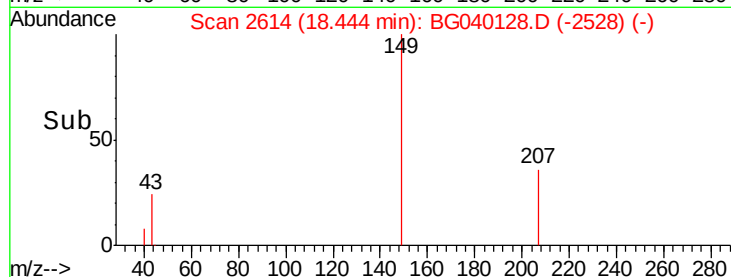
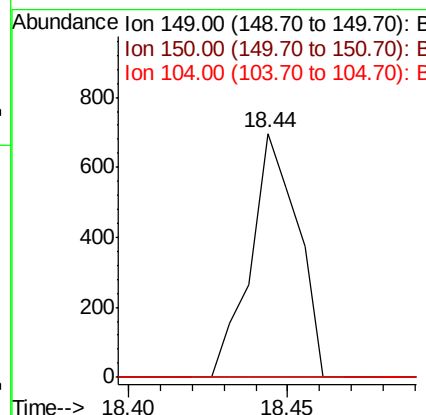
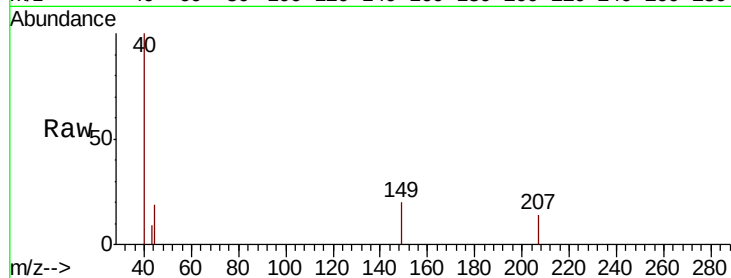




#74
Di-n-butylphthalate
Concen: 0.046 ng
RT: 18.44 min Scan# 2614
Delta R.T. -0.02 min
Lab File: BG040128.D
Acq: 25 Mar 2019 22:13

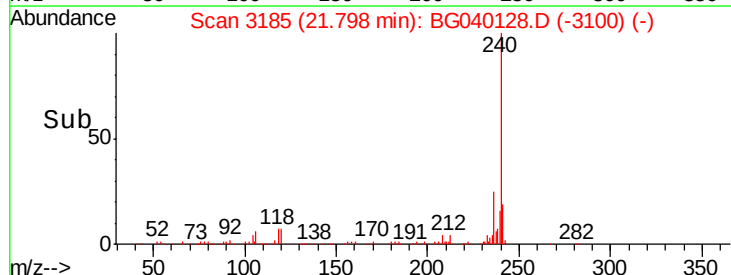
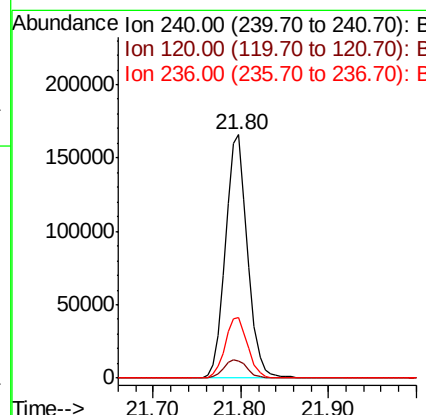
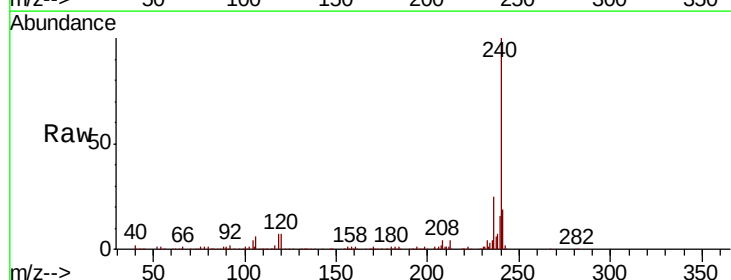
Instrument :
BNA_G
ClientSampleId :
S4B(22-28)

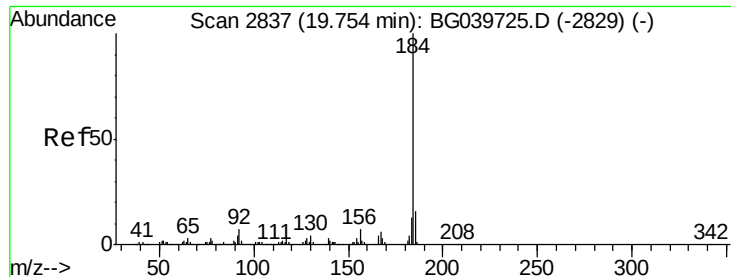
Tgt Ion:149 Resp: 716
Ion Ratio Lower Upper
149 100
150 0.0 7.7 11.5#
104 0.0 4.5 6.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.03 min
Lab File: BG040128.D
Acq: 25 Mar 2019 22:13

Tgt Ion:240 Resp: 289365
Ion Ratio Lower Upper
240 100
120 6.9 7.0 10.6#
236 24.9 21.0 31.4





#77

Benzidine

Concen: 2.114 ng

RT: 20.11 min Scan# 2897

Delta R.T. 0.35 min

Lab File: BG040128.D

Acq: 25 Mar 2019 22:13

Instrument :

BNA_G

ClientSampleId :

S4B(22-28)

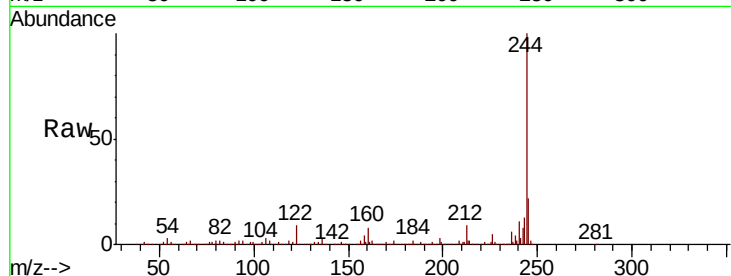
Tgt Ion:184 Resp: 19410

Ion Ratio Lower Upper

184 100

185 15.5 12.2 18.2

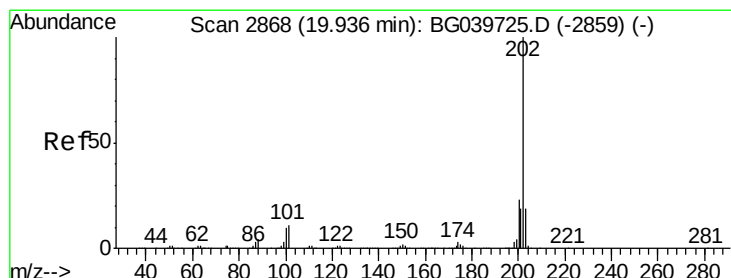
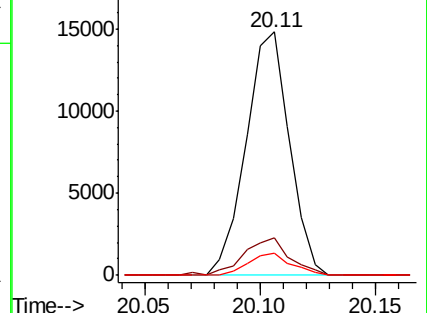
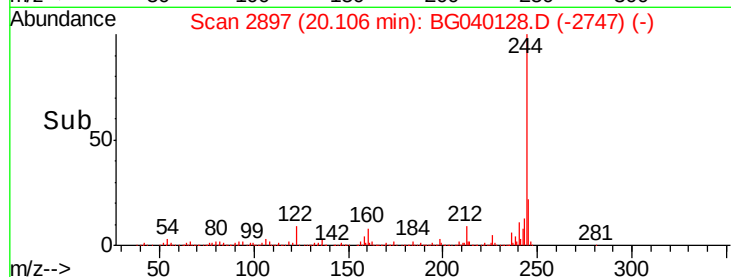
183 9.0 10.6 15.8#



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: 0.232 ng

RT: 20.11 min Scan# 2897

Delta R.T. 0.16 min

Lab File: BG040128.D

Acq: 25 Mar 2019 22:13

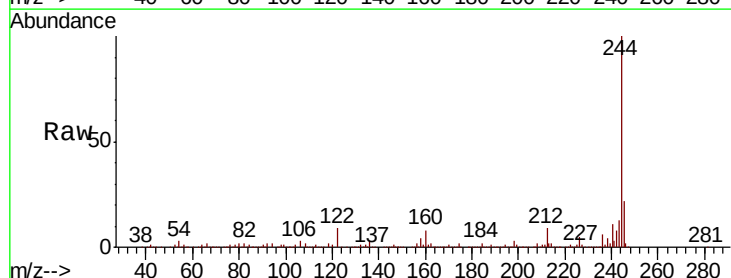
Tgt Ion:202 Resp: 4370

Ion Ratio Lower Upper

202 100

200 49.9 17.8 26.8#

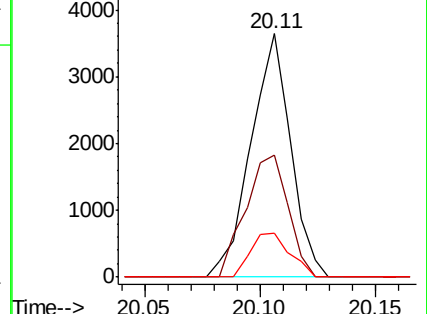
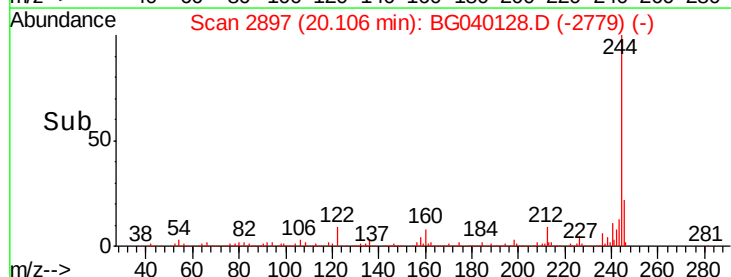
203 18.1 15.3 22.9

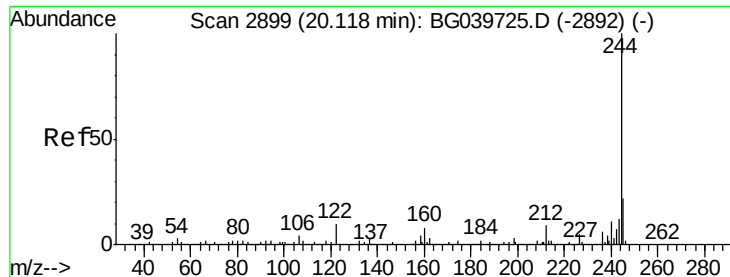


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 86.527 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040128.D

Acq: 25 Mar 2019 22:13

Instrument :

BNA_G

ClientSampleId :

S4B(22-28)

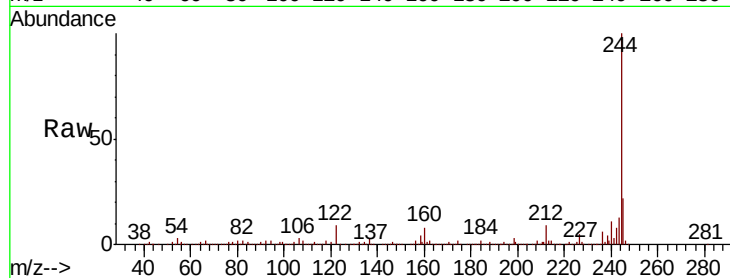
Tgt Ion:244 Resp: 1137147

Ion Ratio Lower Upper

244 100

212 8.9 7.3 10.9

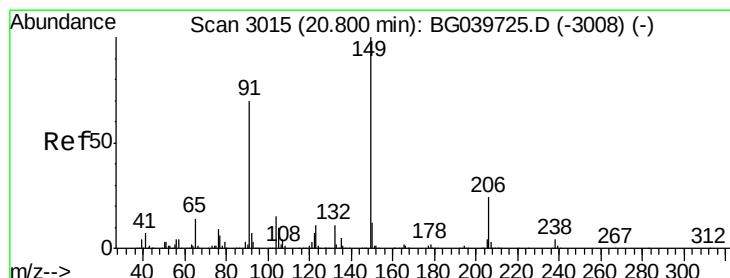
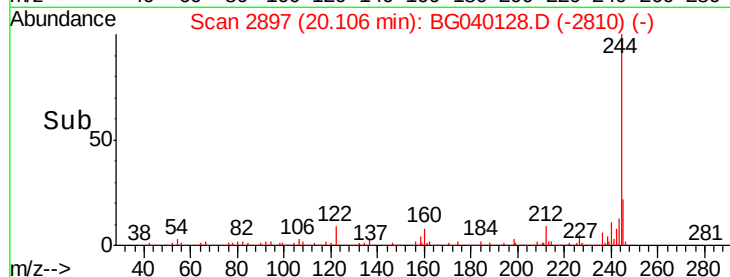
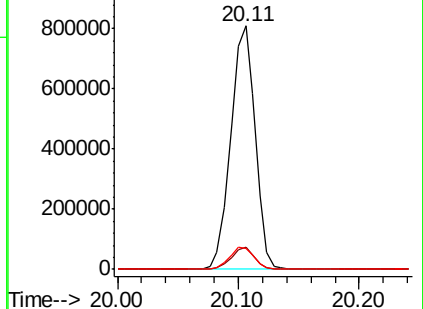
122 8.7 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 0.011 ng

RT: 20.78 min Scan# 3011

Delta R.T. -0.03 min

Lab File: BG040128.D

Acq: 25 Mar 2019 22:13

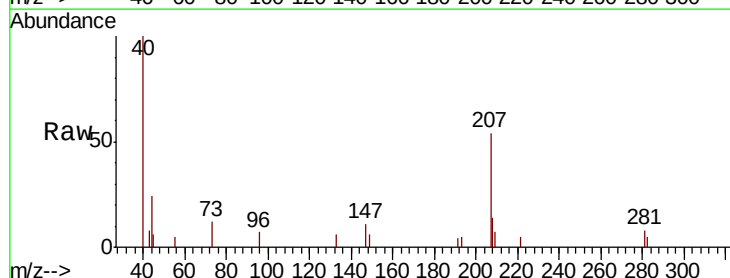
Tgt Ion:149 Resp: 82

Ion Ratio Lower Upper

149 100

91 0.0 59.5 89.3#

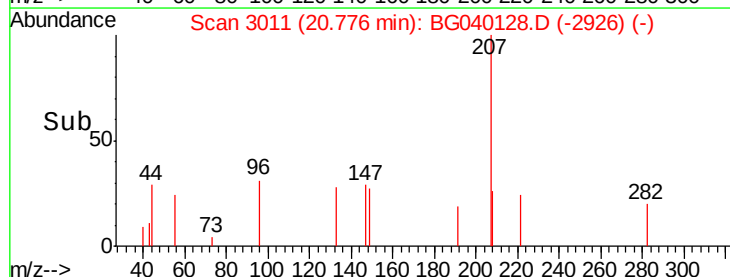
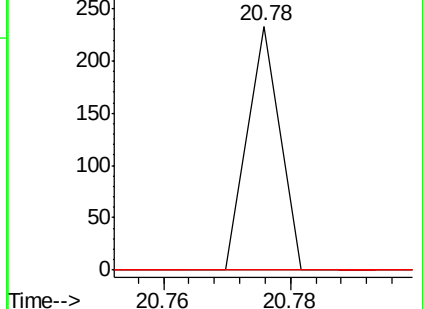
206 0.0 18.6 27.8#

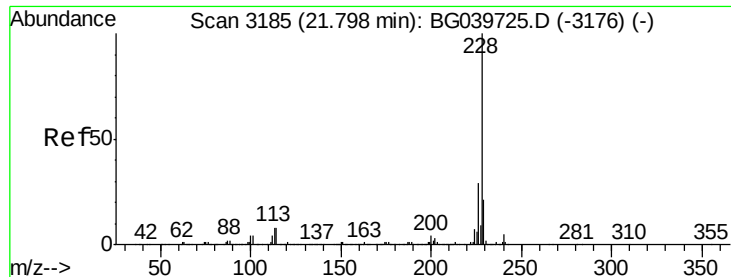


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.038 ng

RT: 21.80 min Scan# 3185

Delta R.T. -0.01 min

Lab File: BG040128.D

Acq: 25 Mar 2019 22:13

Instrument :

BNA_G

ClientSampleId :

S4B(22-28)

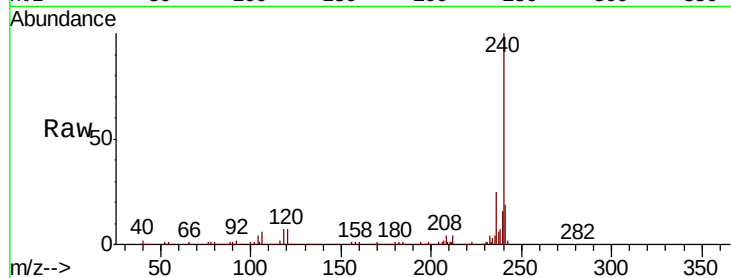
Tgt Ion:228 Resp: 690

Ion Ratio Lower Upper

228 100

226 0.0 23.0 34.6#

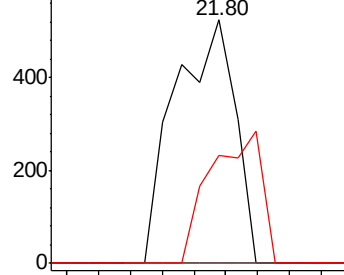
229 44.4 16.9 25.3#



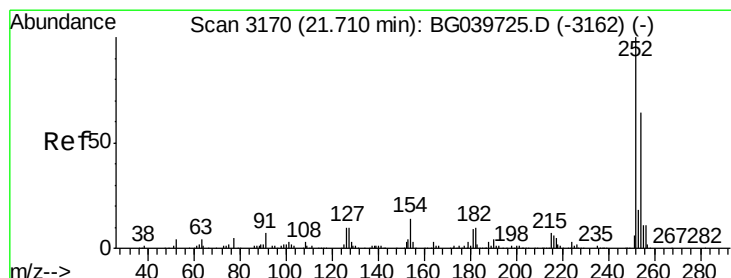
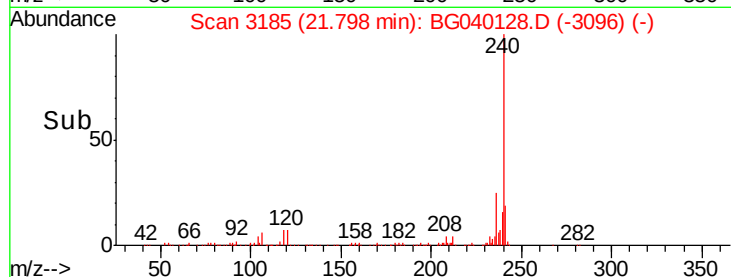
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time--> 21.75 21.80



#82

3,3'-Dichlorobenzidine

Concen: 0.010 ng

RT: 21.70 min Scan# 3169

Delta R.T. -0.01 min

Lab File: BG040128.D

Acq: 25 Mar 2019 22:13

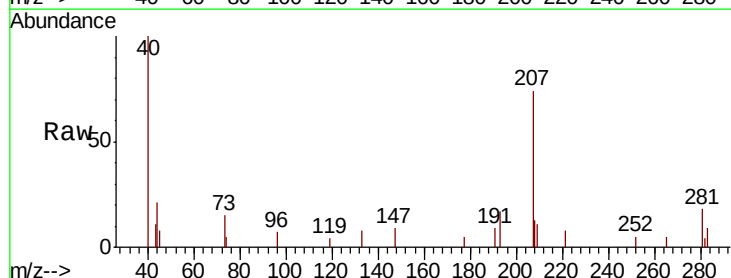
Tgt Ion:252 Resp: 64

Ion Ratio Lower Upper

252 100

254 0.0 51.3 76.9#

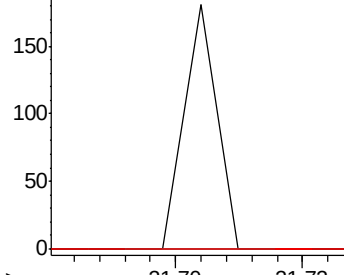
126 0.0 8.0 12.0#



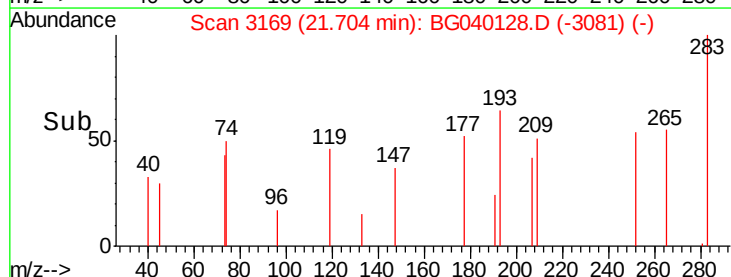
Abundance Ion 252.00 (251.70 to 252.70): E

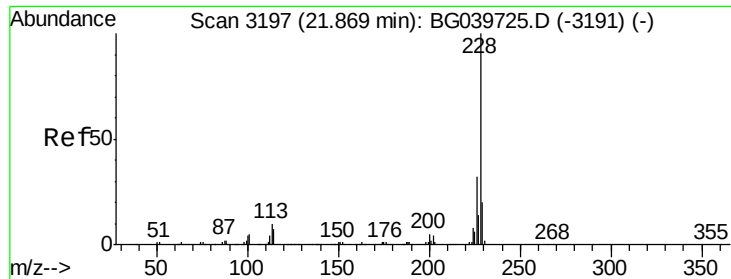
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



Time--> 21.70 21.72





#83

Chrysene

Concen: 0.039 ng

RT: 21.80 min Scan# 3185

Delta R.T. -0.08 min

Lab File: BG040128.D

Acq: 25 Mar 2019 22:13

Instrument :

BNA_G

ClientSampleId :

S4B(22-28)

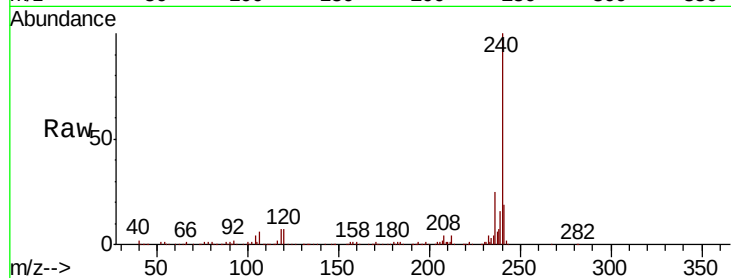
Tgt Ion:228 Resp: 690

Ion Ratio Lower Upper

228 100

226 0.0 25.8 38.6#

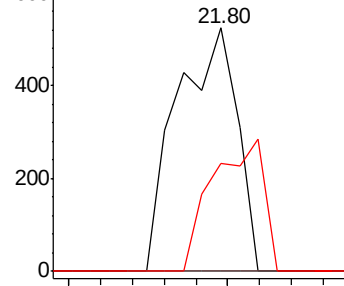
229 44.4 16.6 25.0#



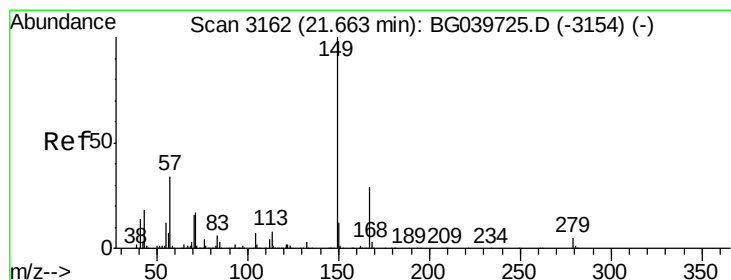
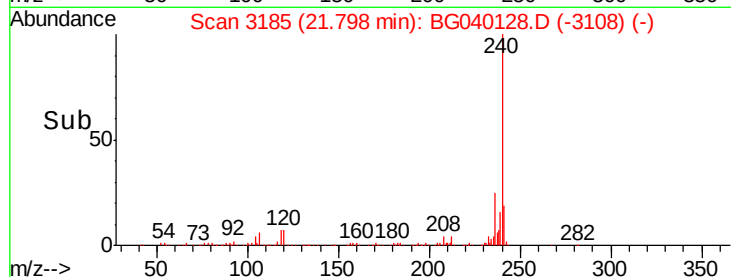
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time--> 21.75 21.80



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.084 ng

RT: 21.63 min Scan# 3157

Delta R.T. -0.04 min

Lab File: BG040128.D

Acq: 25 Mar 2019 22:13

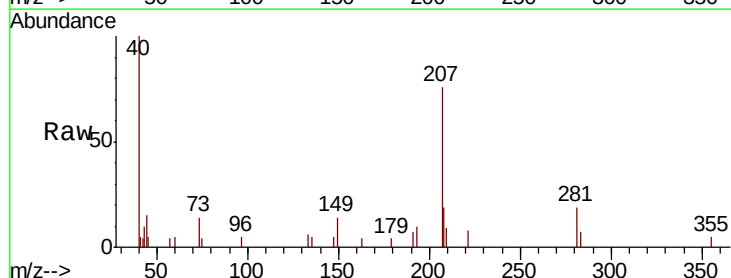
Tgt Ion:149 Resp: 857

Ion Ratio Lower Upper

149 100

167 0.0 22.6 34.0#

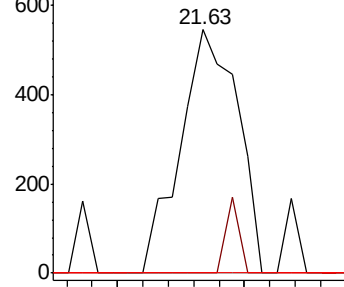
279 0.0 3.5 5.3#



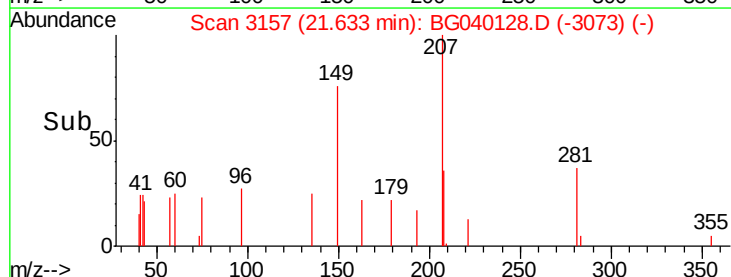
Abundance Ion 149.00 (148.70 to 149.70): E

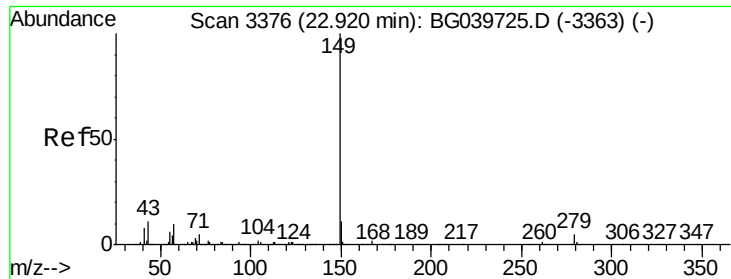
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time--> 21.60 21.65

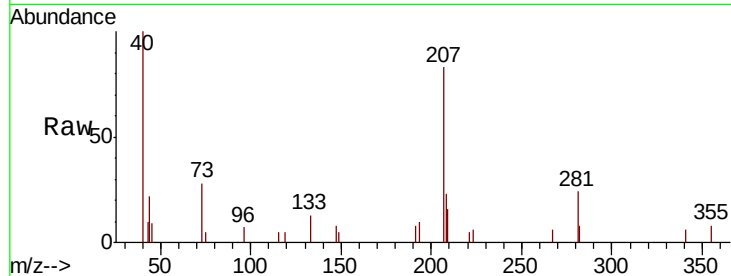




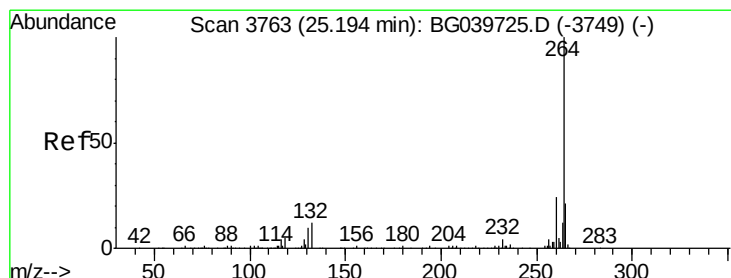
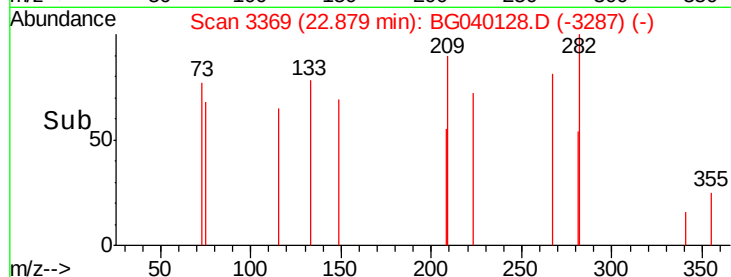
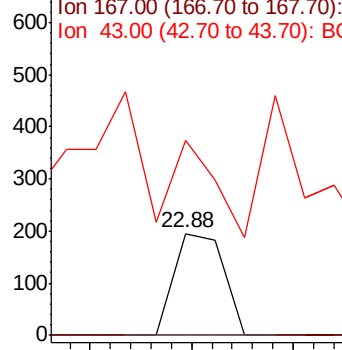
#85
Di-n-octyl phthalate
Concen: 0.008 ng
RT: 22.88 min Scan# 3369
Delta R.T. -0.05 min
Lab File: BG040128.D
Acq: 25 Mar 2019 22:13

Instrument :
BNA_G
ClientSampleId :
S4B(22-28)

Tgt Ion:149 Resp: 133
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 248.9 10.2 15.4#

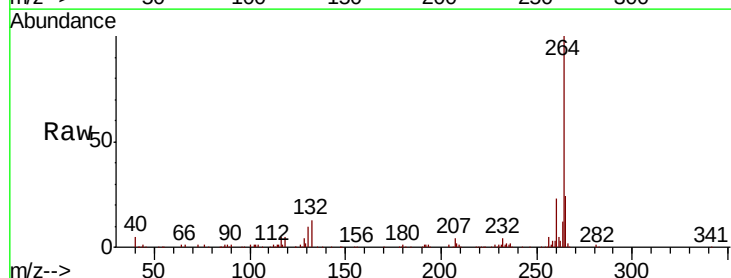


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BG

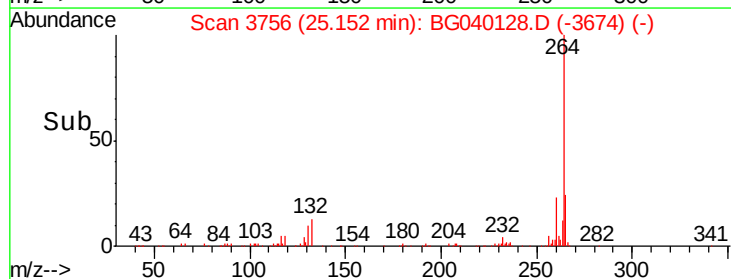
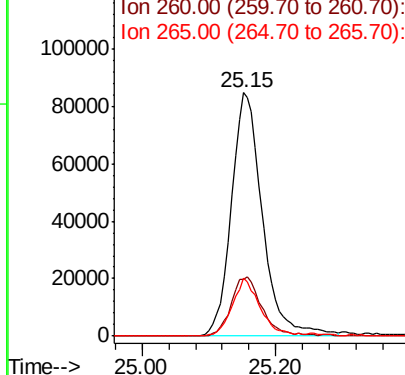


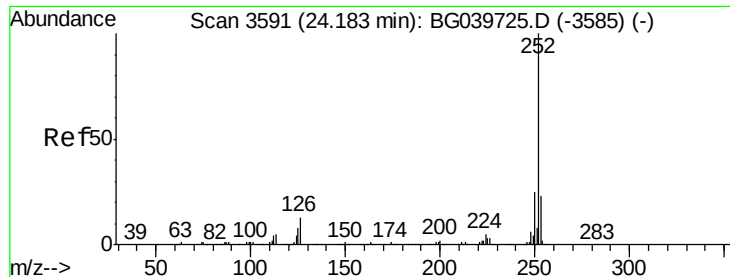
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.15 min Scan# 3756
Delta R.T. -0.05 min
Lab File: BG040128.D
Acq: 25 Mar 2019 22:13

Tgt Ion:264 Resp: 274278
Ion Ratio Lower Upper
264 100
260 23.4 18.2 27.4
265 23.7 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





#89

Benzo(k)fluoranthene

Concen: 0.004 ng

RT: 24.58 min Scan# 3658

Delta R.T. 0.39 min

Lab File: BG040128.D

Acq: 25 Mar 2019 22:13

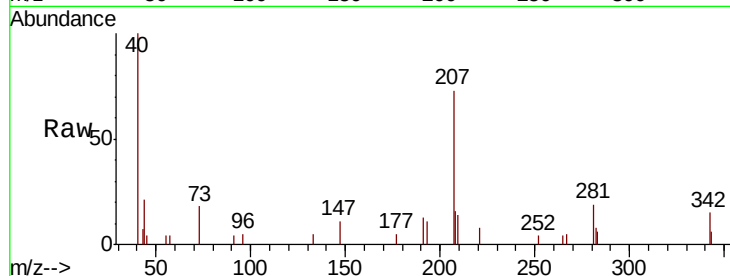
Instrument :

BNA_G

ClientSampleId :

S4B(22-28)

Tgt Ion:	252	Resp:	55
Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.2	27.2#
125	0.0	7.4	11.2#

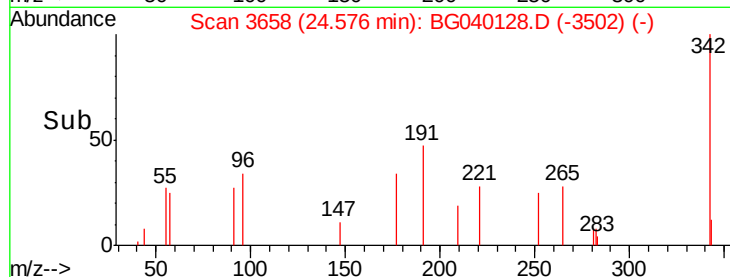


Abundance Ion 252.00 (251.70 to 252.70): E

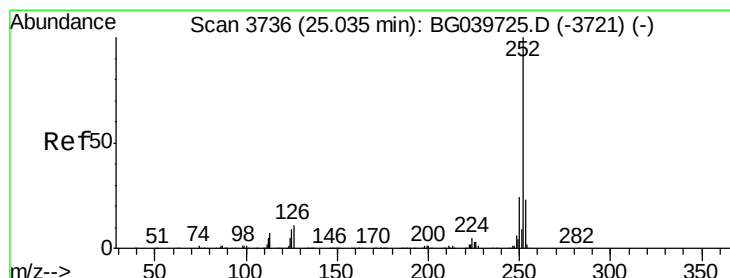
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

Time-->



Time-->



#90

Benzo(a)pyrene

Concen: 0.035 ng

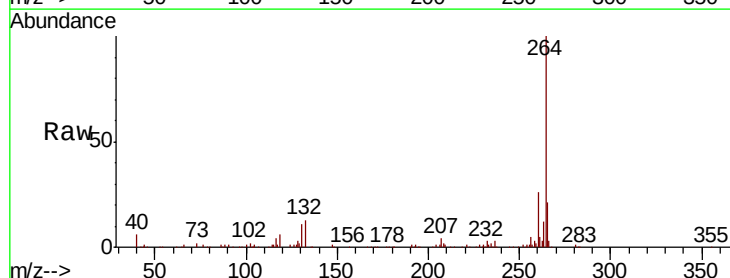
RT: 25.15 min Scan# 3755

Delta R.T. 0.10 min

Lab File: BG040128.D

Acq: 25 Mar 2019 22:13

Tgt Ion:	252	Resp:	522
Ion	Ratio	Lower	Upper
252	100		
253	47.5	17.9	26.9#
125	0.0	8.3	12.5#

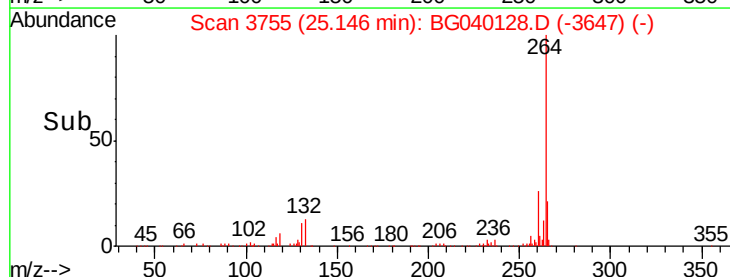


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

Time-->



Time-->