

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031919\
 Data File : BG040017.D
 Acq On : 20 Mar 2019 00:37
 Operator : JU/SJ
 Sample : K1935-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-7(9-10)

Quant Time: Mar 20 04:15:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	40155	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	172760	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	116724	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	282228	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	287876	20.00	ng	-0.03
87) Perylene-d12	25.16	264	292647	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	258337	109.76	ng	-0.02
7) Phenol-d6	7.29	99	384517	109.56	ng	-0.02
23) Nitrobenzene-d5	9.32	82	235530	73.73	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	151463	111.33	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	516748	63.03	ng	-0.02
79) Terphenyl-d14	20.11	244	760244	58.15	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	60	0.055	ng	# 1
4) n-Nitrosodimethylamine	3.90	42	66	0.048	ng	# 1
6) Aniline	7.34	93	56	0.012	ng	# 1
9) Benzaldehyde	7.29	77	730	0.322	ng	# 4
10) Phenol	7.32	94	5891	1.549	ng	# 83
11) bis(2-Chloroethyl)ether	7.68	93	496	0.167	ng	# 1
15) Benzyl Alcohol	8.46	79	3398	1.221	ng	# 42
16) 2,2'-oxybis(1-Chloropropan	8.21	45	66	0.011	ng	# 75
19) n-Nitroso-di-n-propylamine	9.32	70	30628	12.125	ng	# 69
24) Nitrobenzene	9.32	77	738	0.220	ng	# 40
46) 1,1'-Biphenyl	13.60	154	660	0.069	ng	# 92
48) 2-Nitroaniline	14.21	65	553	0.238	ng	# 1
49) Acenaphthylene	14.83	152	53	0.004	ng	# 59
50) Dimethylphthalate	14.21	163	52597	5.389	ng	# 99
51) 2,6-Dinitrotoluene	14.77	165	14729	7.118	ng	# 23
52) Acenaphthene	14.84	154	112	0.016	ng	# 5
55) Dibenzofuran	15.18	168	59	0.005	ng	# 45
57) 2,4-Dinitrotoluene	14.77	165	14729	5.066	ng	# 19
58) Fluorene	16.25	166	6588	0.716	ng	# 93
60) Diethylphthalate	15.57	149	127	0.013	ng	# 58
63) Azobenzene	15.98	77	79	0.009	ng	# 47
65) 4,6-Dinitro-2-methylphenol	16.26	198	537	0.322	ng	# 1
66) n-Nitrosodiphenylamine	16.25	169	6672	0.817	ng	# 45
67) 4-Bromophenyl-phenylether	16.25	248	12284	3.888	ng	# 1
68) Hexachlorobenzene	16.90	284	61	0.019	ng	# 38
71) Phenanthrene	17.56	178	1921	0.124	ng	# 94
72) Anthracene	17.65	178	536	0.035	ng	# 60
73) Carbazole	17.92	167	69	0.005	ng	# 57
74) Di-n-butylphthalate	18.44	149	1551	0.097	ng	# 77
75) Fluoranthene	19.56	202	2128	0.116	ng	# 79
77) Benzidine	20.11	184	12961	1.419	ng	# 92
78) Pyrene	19.92	202	1987	0.106	ng	# 93
80) Butylbenzylphthalate	20.78	149	147	0.020	ng	# 45
81) Benzo(a)anthracene	21.77	228	1808	0.100	ng	# 50

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 ALS Vial : 17 Sample Multiplier: 1

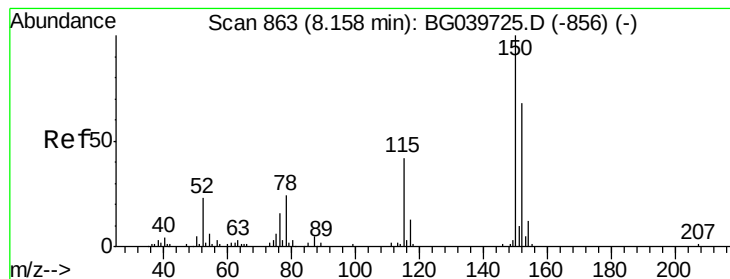
Instrument :
 BNA_G
 ClientSampleId :
 SB-7(9-10)

Quant Time: Mar 20 04:15:43 2019
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 3,3'-Dichlorobenzidine	21.70	252	284	0.043	ng	# 89
83) Chrysene	21.85	228	818	0.047	ng	# 83
84) Bis(2-ethylhexyl)phthalate	21.64	149	1211	0.119	ng	# 80
85) Di-n-octyl phthalate	22.88	149	284	0.017	ng	# 71
86) Indeno(1,2,3-cd)pyrene	29.03	276	58	0.003	ng	# 54
88) Benzo(b)fluoranthene	24.08	252	597	0.034	ng	# 58
89) Benzo(k)fluoranthene	24.14	252	628	0.039	ng	# 59
90) Benzo(a)pyrene	25.00	252	804	0.050	ng	# 50
92) Benzo(g,h,i)perylene	30.26	276	69	0.004	ng	# 54

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

```
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Operator  : JU/SJ  
Sample    : K1935-11  
Misc      :  
ALS Vial  : 17      Sample Multiplier: 1
```



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.15 min Scan# 861

Delta R.T. -0.02 min

Lab File: BG040017.D

Acq: 20 Mar 2019 00:37

Instrument :

BNA_G

ClientSampleId :

SB-7(9-10)

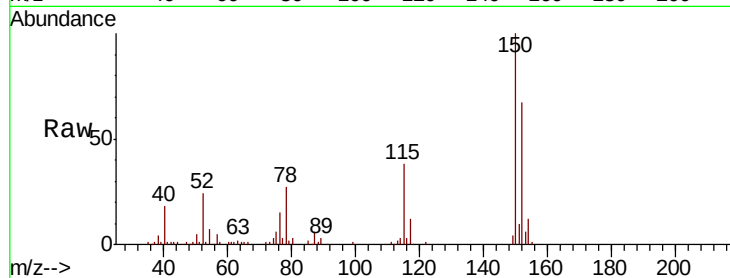
Tgt Ion:152 Resp: 40155

Ion Ratio Lower Upper

152 100

150 149.3 123.7 185.5

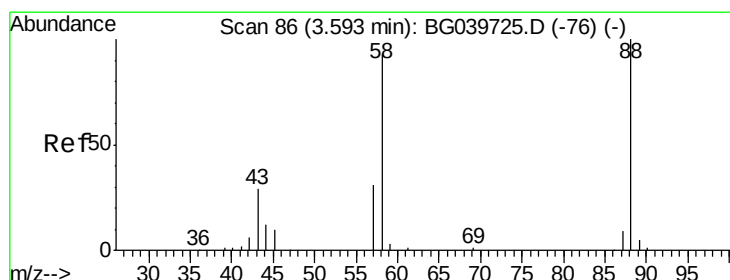
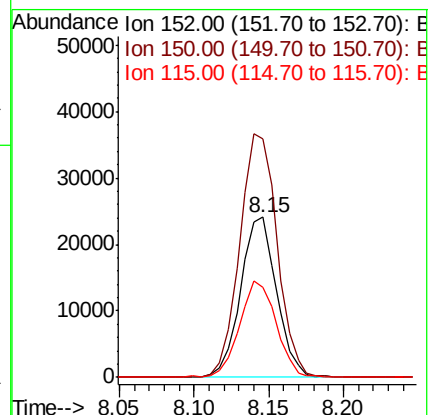
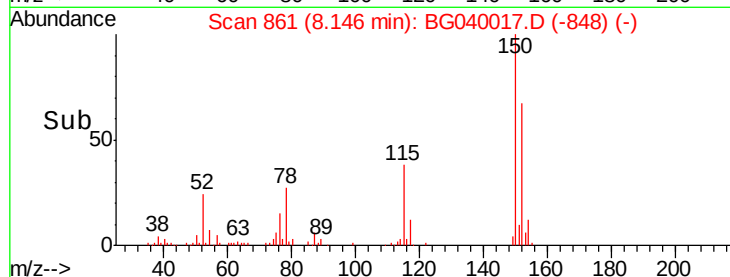
115 56.5 45.9 68.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.055 ng

RT: 3.58 min Scan# 83

Delta R.T. -0.03 min

Lab File: BG040017.D

Acq: 20 Mar 2019 00:37

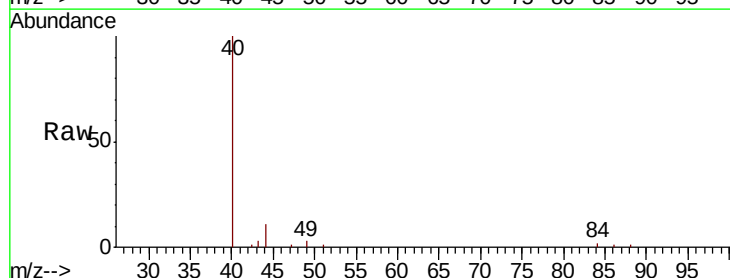
Tgt Ion: 88 Resp: 60

Ion Ratio Lower Upper

88 100

58 645.0 81.1 121.7#

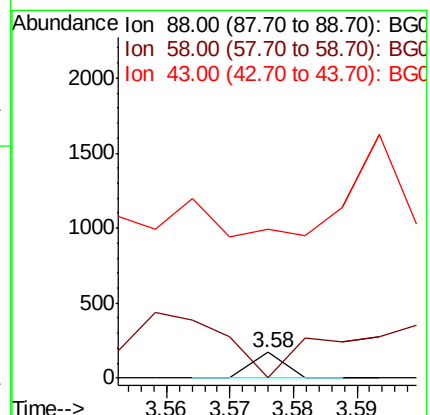
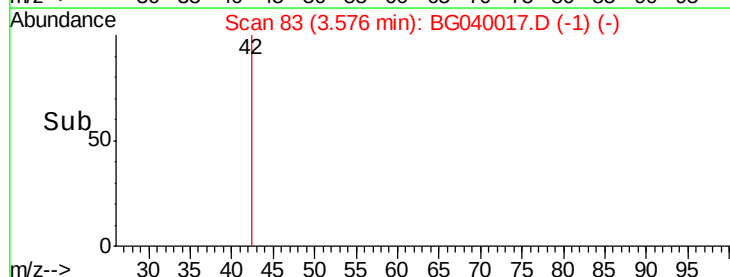
43 0.0 31.4 47.0#

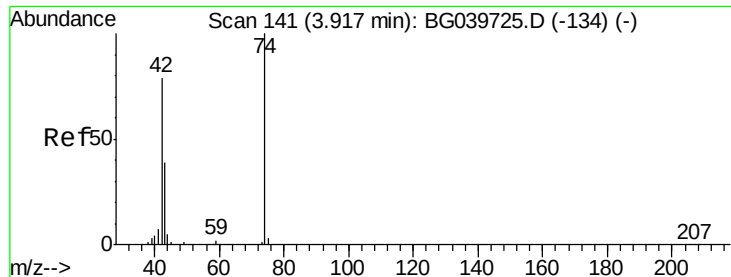


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC



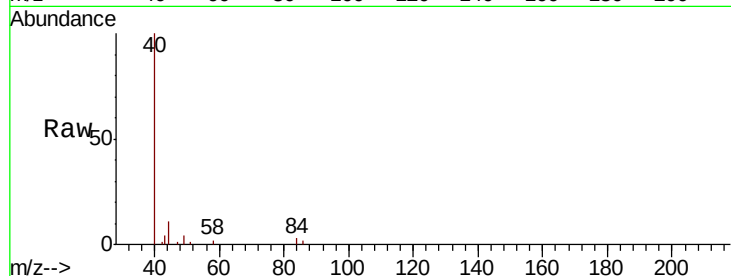


#4

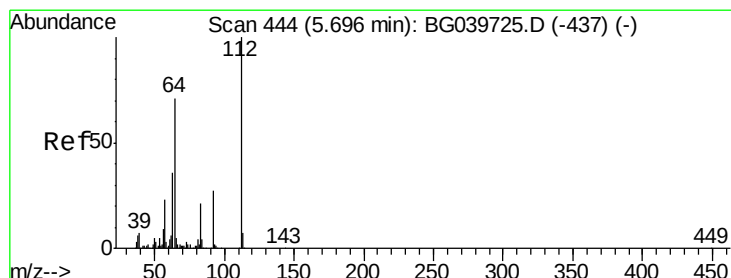
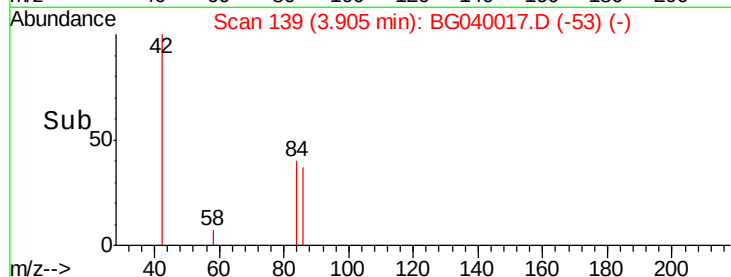
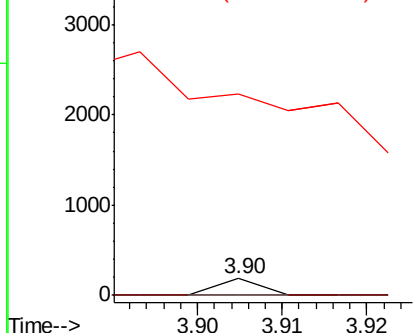
n-Nitrosodimethylamine
 Concen: 0.048 ng
 RT: 3.90 min Scan# 139
 Delta R.T. -0.02 min
 Lab File: BG040017.D
 Acq: 20 Mar 2019 00:37

Instrument :
 BNA_G
 ClientSampleId :
 SB-7(9-10)

Tgt Ion: 42 Resp: 66
 Ion Ratio Lower Upper
 42 100
 74 0.0 83.6 125.4#
 44 1195.2 6.9 10.3#



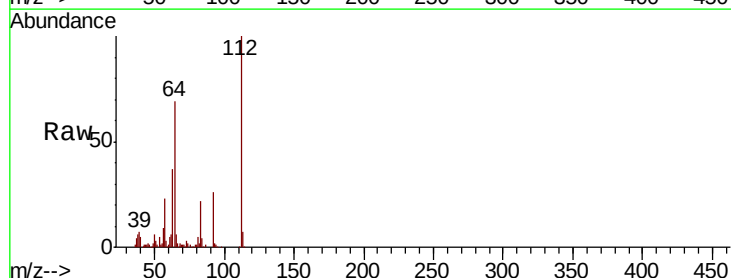
Abundance Ion 42.00 (41.70 to 42.70): BGC
 Ion 74.00 (73.70 to 74.70): BGC
 Ion 44.00 (43.70 to 44.70): BGC



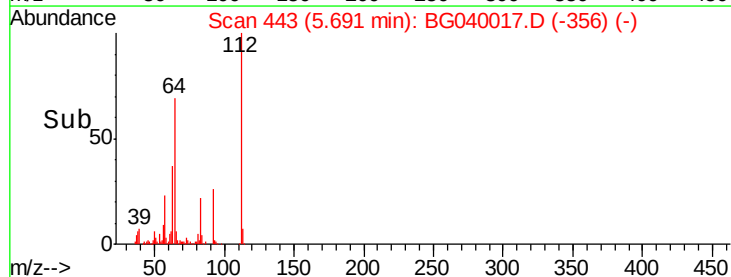
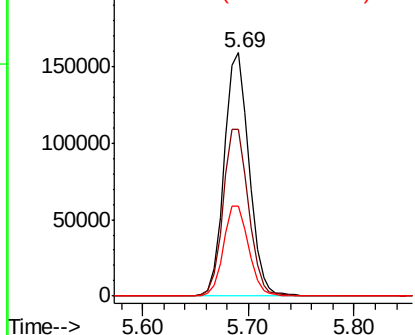
#5

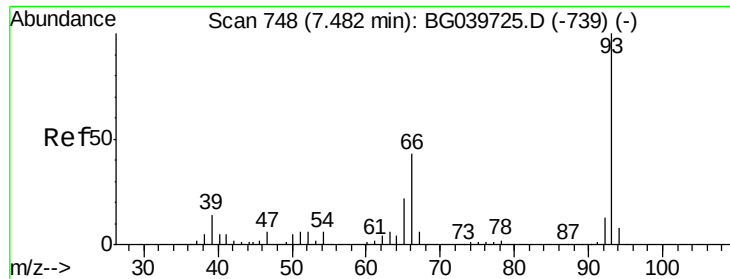
2-Fluorophenol
 Concen: 109.756 ng
 RT: 5.69 min Scan# 443
 Delta R.T. -0.02 min
 Lab File: BG040017.D
 Acq: 20 Mar 2019 00:37

Tgt Ion: 112 Resp: 258337
 Ion Ratio Lower Upper
 112 100
 64 68.7 57.8 86.8
 63 37.1 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: 0.012 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.15 min

Lab File: BG040017.D

Acq: 20 Mar 2019 00:37

Instrument :

BNA_G

ClientSampleId :

SB-7(9-10)

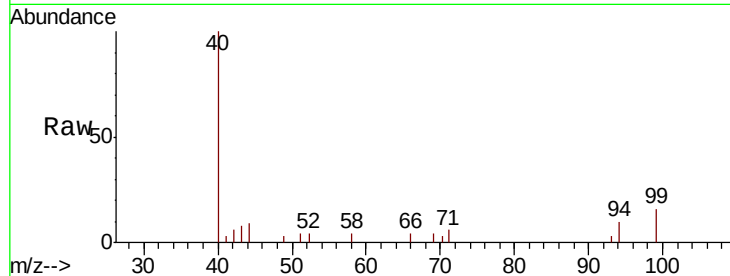
Tgt Ion: 93 Resp: 56

Ion Ratio Lower Upper

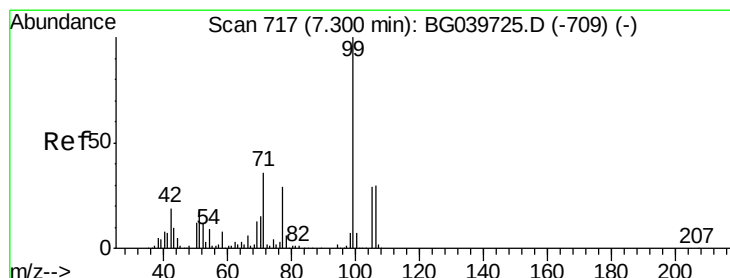
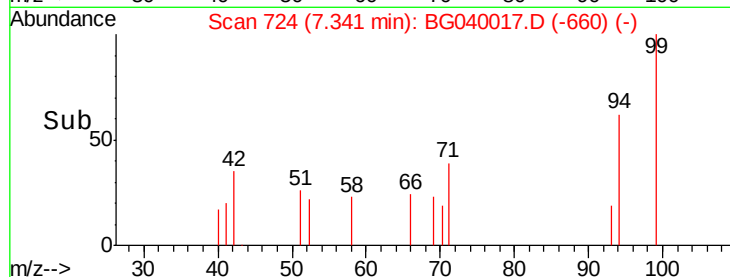
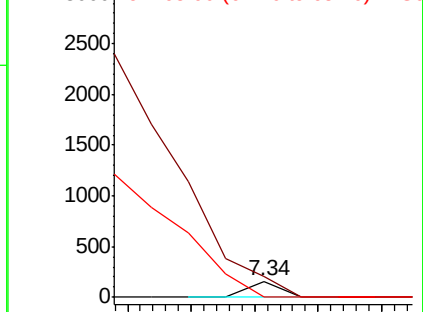
93 100

66 128.5 34.2 51.4#

65 0.0 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: 109.563 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG040017.D

Acq: 20 Mar 2019 00:37

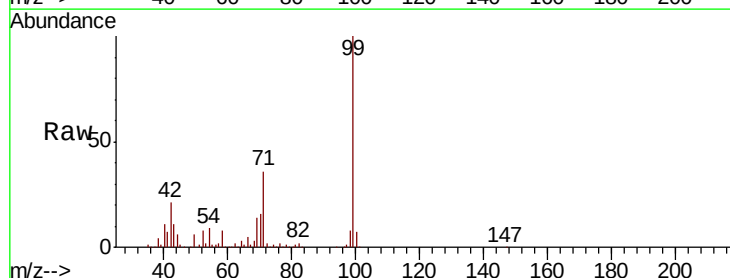
Tgt Ion: 99 Resp: 384517

Ion Ratio Lower Upper

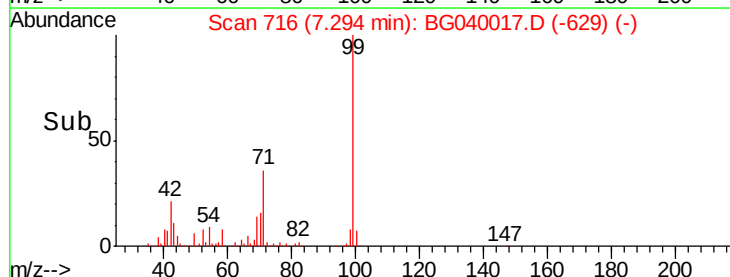
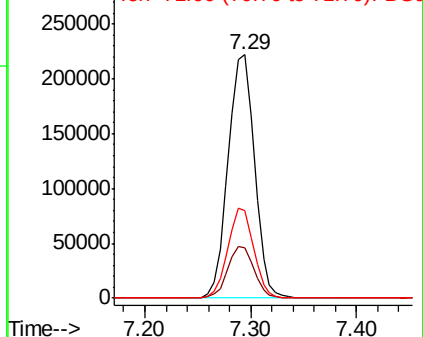
99 100

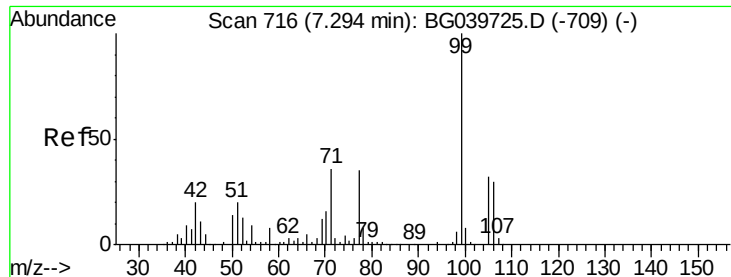
42 20.6 18.2 27.2

71 35.9 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

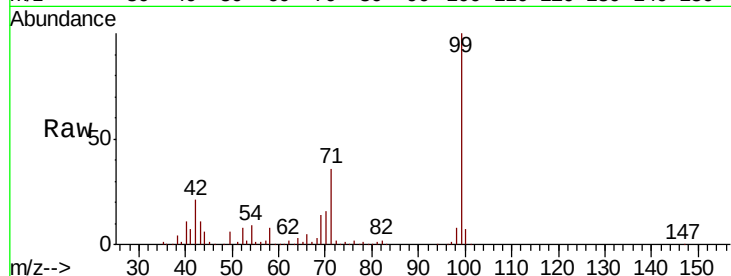




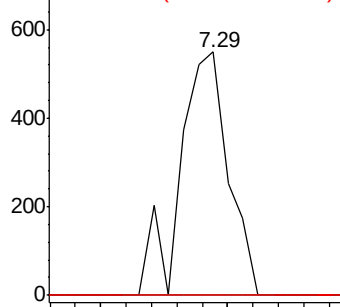
#9
Benzaldehyde
Concen: 0.322 ng
RT: 7.29 min Scan# 716
Delta R.T. -0.01 min
Lab File: BG040017.D
Acq: 20 Mar 2019 00:37

Instrument :
BNA_G
ClientSampleId :
SB-7(9-10)

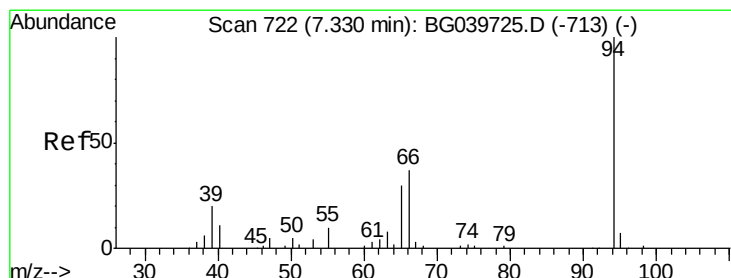
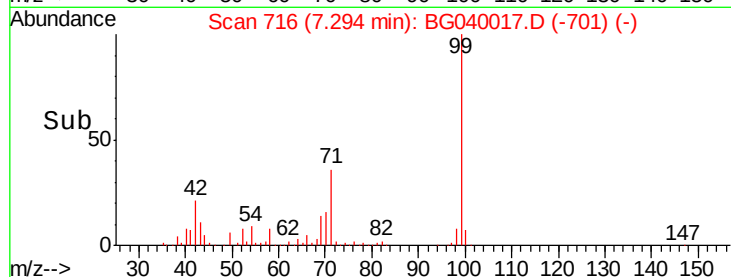
Tgt Ion: 77 Resp: 730
Ion Ratio Lower Upper
77 100
105 0.0 74.5 114.5#
106 0.0 68.0 108.0#



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

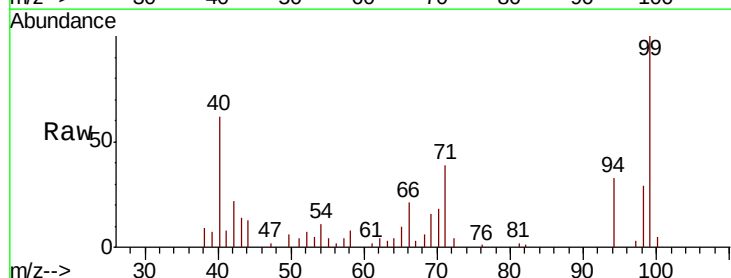


Time-->

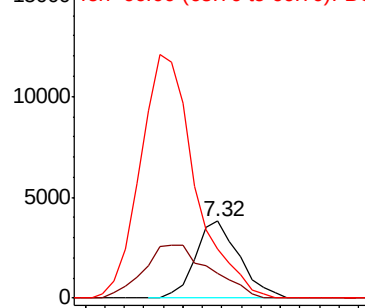


#10
Phenol
Concen: 1.549 ng
RT: 7.32 min Scan# 720
Delta R.T. -0.02 min
Lab File: BG040017.D
Acq: 20 Mar 2019 00:37

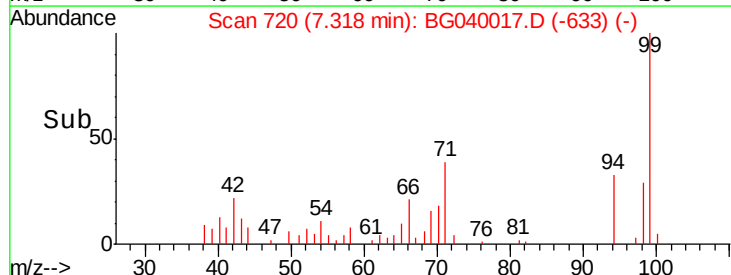
Tgt Ion: 94 Resp: 5891
Ion Ratio Lower Upper
94 100
65 31.8 11.7 51.7
66 62.9 23.7 63.7

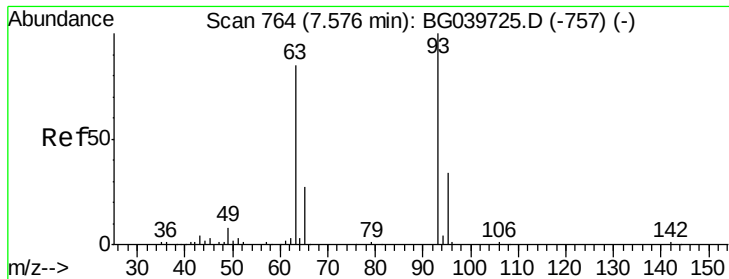


Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



Time-->

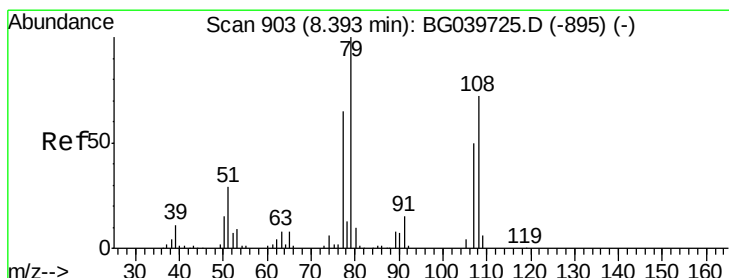
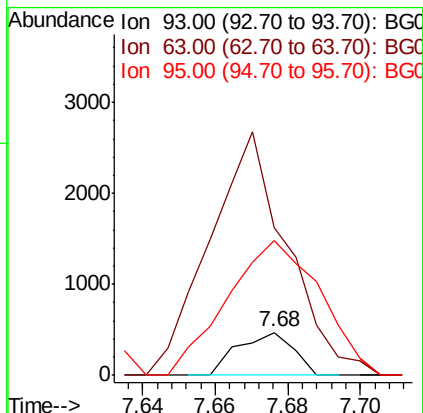
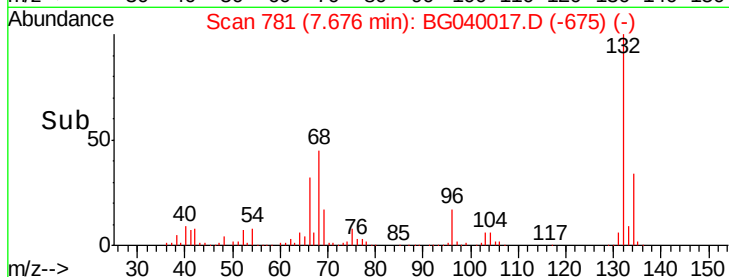
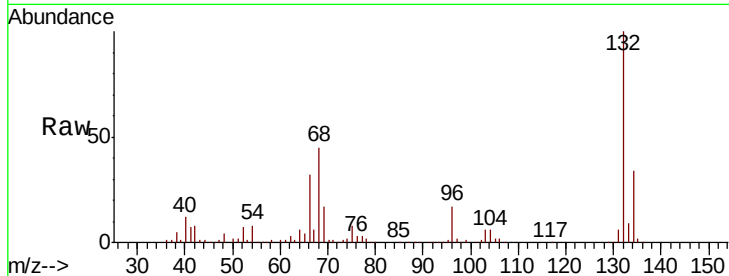




#11
bis(2-Chloroethyl)ether
Concen: 0.167 ng
RT: 7.68 min Scan# 781
Delta R.T. 0.09 min
Lab File: BG040017.D
Acq: 20 Mar 2019 00:37

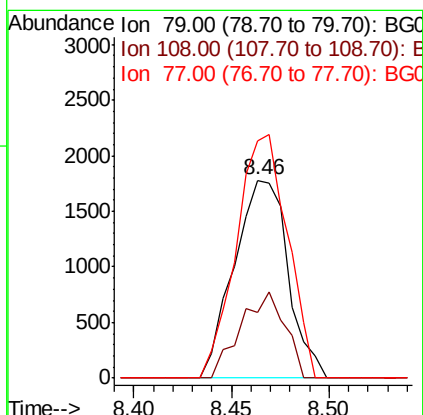
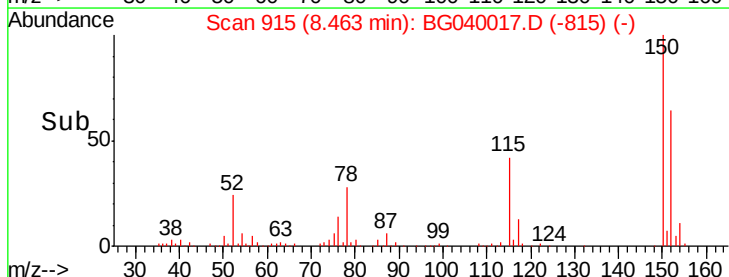
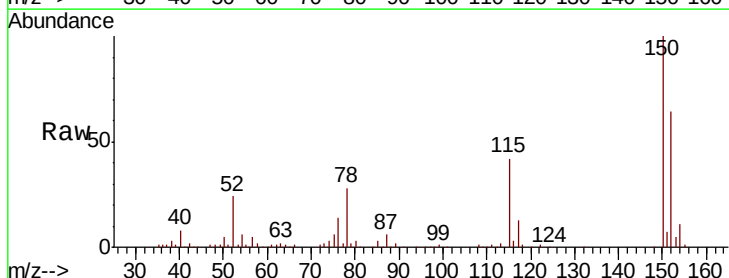
Instrument :
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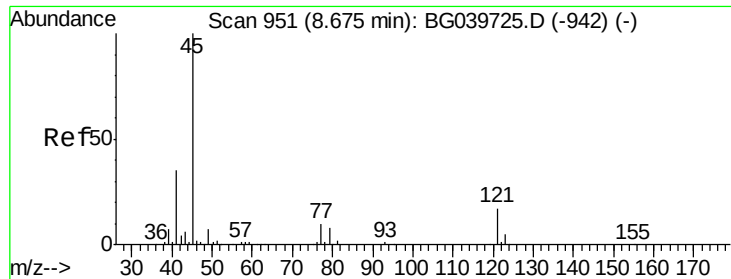
Tgt Ion: 93 Resp: 496
Ion Ratio Lower Upper
93 100
63 343.5 69.5 109.5#
95 315.1 12.7 52.7#



#15
Benzyl Alcohol
Concen: 1.221 ng
RT: 8.46 min Scan# 915
Delta R.T. 0.06 min
Lab File: BG040017.D
Acq: 20 Mar 2019 00:37

Tgt Ion: 79 Resp: 3398
Ion Ratio Lower Upper
79 100
108 33.2 57.8 86.6#
77 119.9 51.1 76.7#

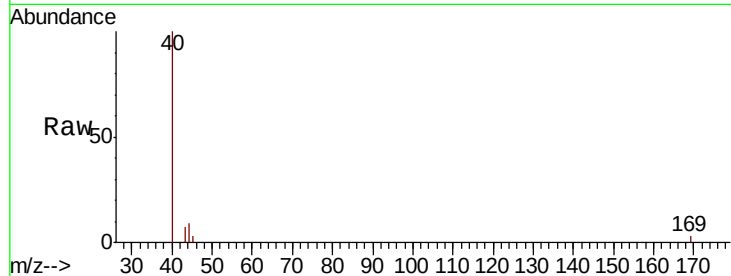




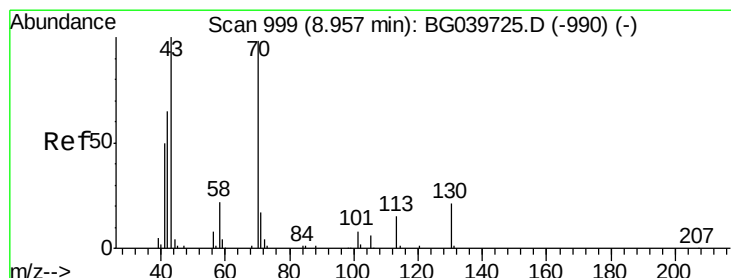
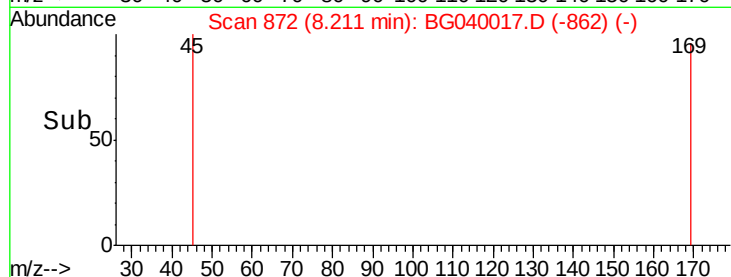
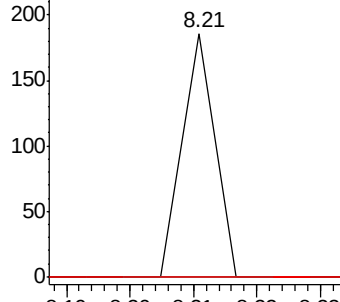
#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 0.011 ng
 RT: 8.21 min Scan# 872
 Delta R.T. -0.47 min
 Lab File: BG040017.D
 Acq: 20 Mar 2019 00:37

Instrument :
 BNA_G
 ClientSampleId :
 SB-7(9-10)

Tgt Ion: 45 Resp: 66
 Ion Ratio Lower Upper
 45 100
 77 0.0 0.0 30.0
 79 0.0 0.0 27.5

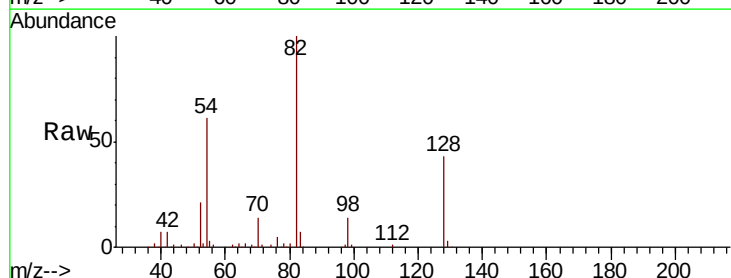


Abundance Ion 45.00 (44.70 to 45.70): BGC
 Ion 77.00 (76.70 to 77.70): BGC
 Ion 79.00 (78.70 to 79.70): BGC

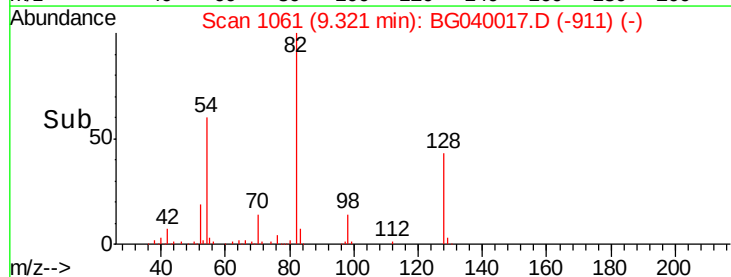
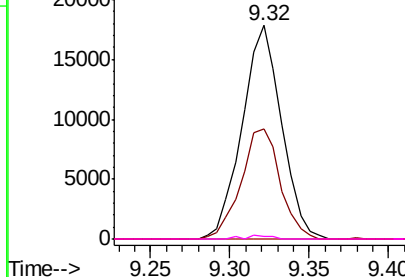


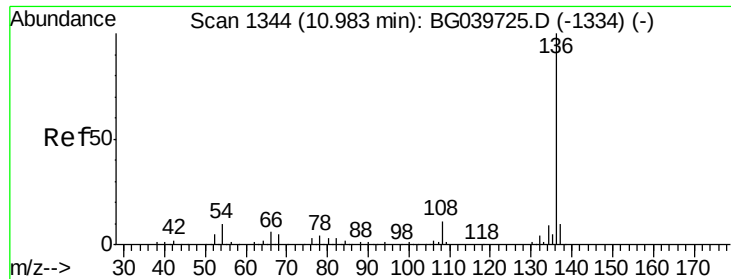
#19
 n-Nitroso-di-n-propylamine
 Concen: 12.125 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. 0.35 min
 Lab File: BG040017.D
 Acq: 20 Mar 2019 00:37

Tgt Ion: 70 Resp: 30628
 Ion Ratio Lower Upper
 70 100
 42 51.3 60.4 90.6#
 101 0.0 7.5 11.3#
 130 1.4 16.9 25.3#



Abundance Ion 70.00 (69.70 to 70.70): BGC
 Ion 42.00 (41.70 to 42.70): BGC
 Ion 101.00 (100.70 to 101.70): BGC
 Ion 130.00 (129.70 to 130.70): BGC

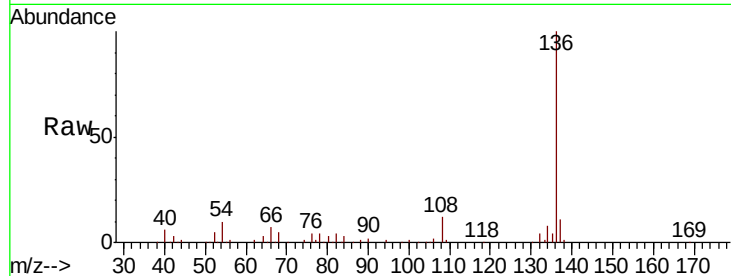




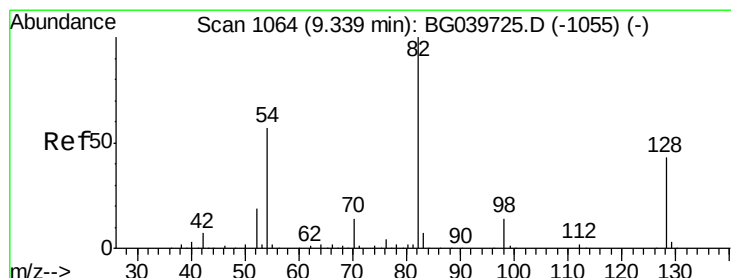
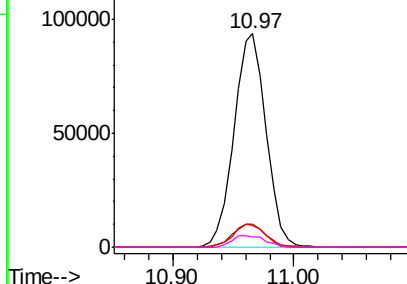
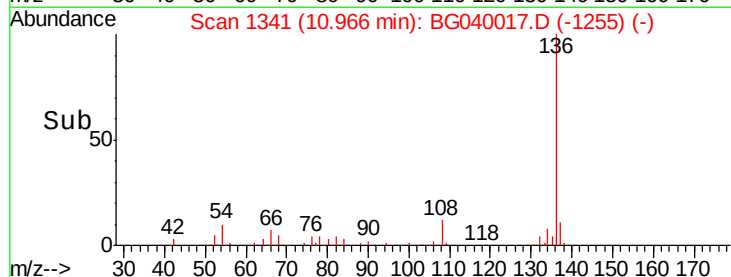
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG040017.D
Acq: 20 Mar 2019 00:37

Instrument :
BNA_G
ClientSampled :
SB-7(9-10)

Tgt Ion:	136	Resp:	172760
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	10.1	9.4	14.2
68	5.1	4.2	6.4

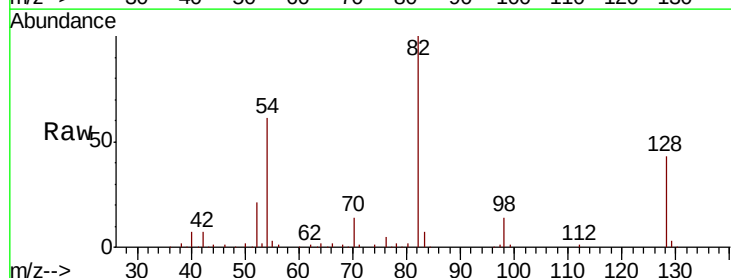


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

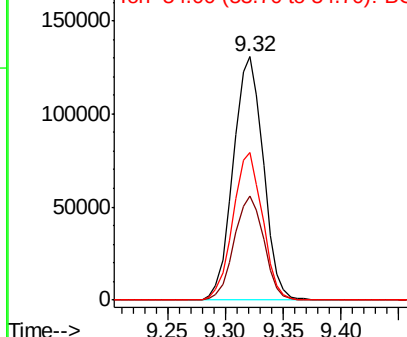
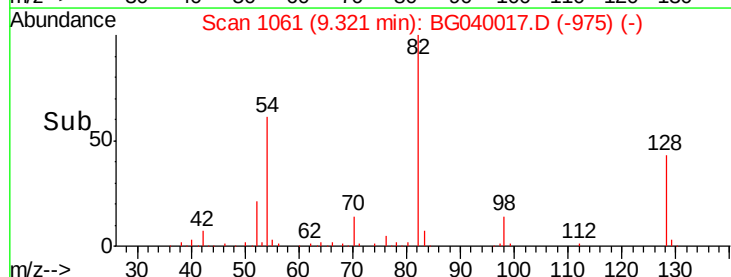


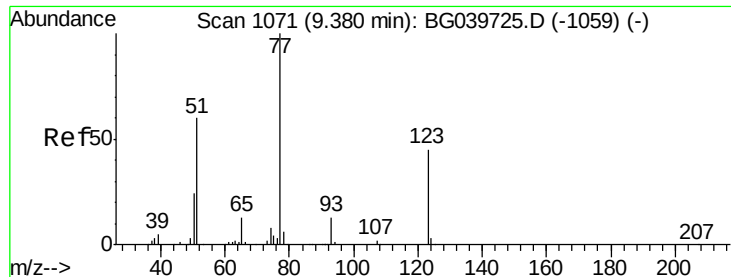
#23
Nitrobenzene-d5
Concen: 73.735 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG040017.D
Acq: 20 Mar 2019 00:37

Tgt Ion:	82	Resp:	235530
Ion	Ratio	Lower	Upper
82	100		
128	42.6	31.3	46.9
54	60.6	50.9	76.3



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC

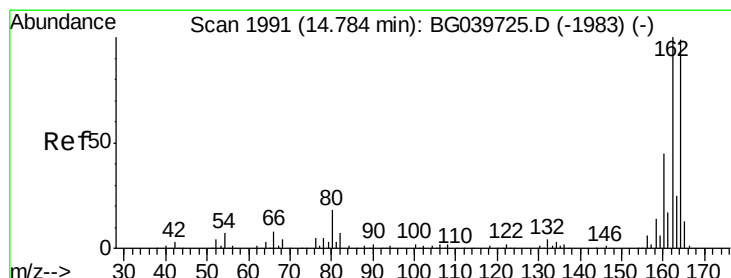
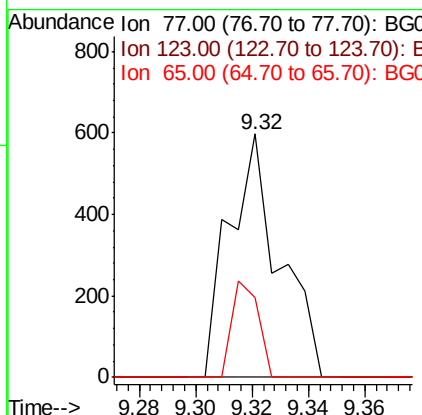
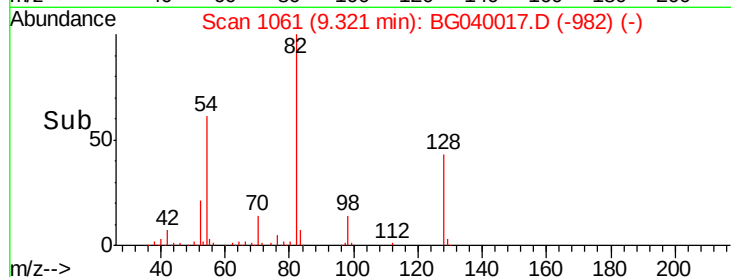
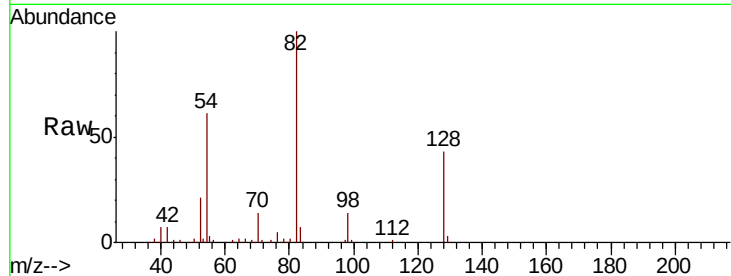




#24
Nitrobenzene
Concen: 0.220 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.07 min
Lab File: BG040017.D
Acq: 20 Mar 2019 00:37

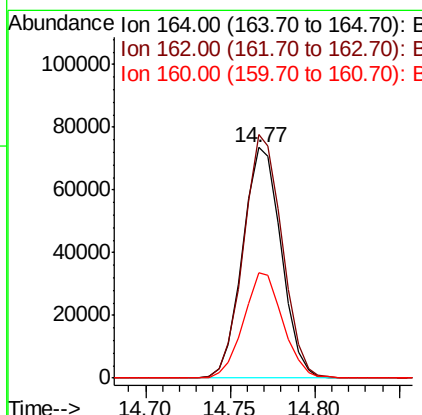
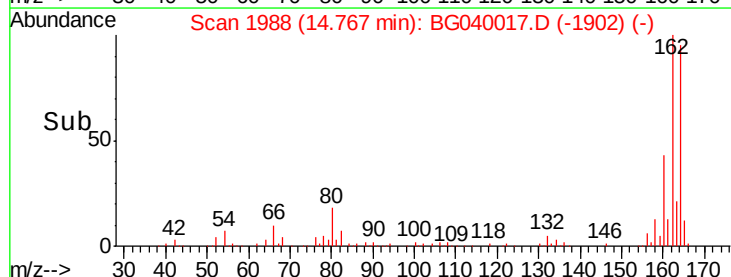
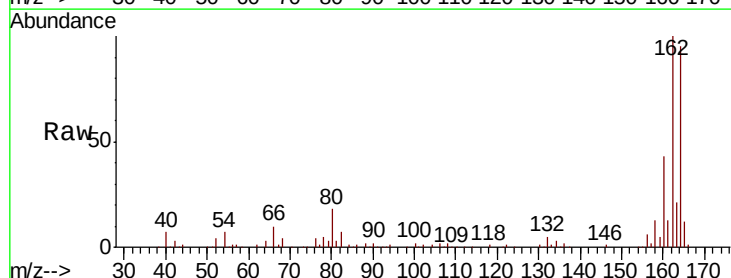
Instrument :
BNA_G
ClientSampleId :
SB-7(9-10)

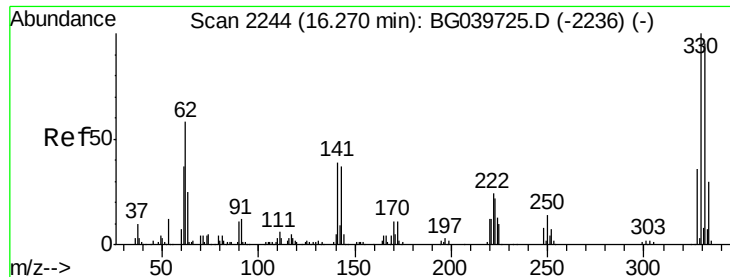
Tgt Ion: 77 Resp: 738
Ion Ratio Lower Upper
77 100
123 0.0 34.1 51.1#
65 32.8 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BG040017.D
Acq: 20 Mar 2019 00:37

Tgt Ion: 164 Resp: 116724
Ion Ratio Lower Upper
164 100
162 105.7 81.6 122.4
160 46.0 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 111.329 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BG040017.D

Acq: 20 Mar 2019 00:37

Instrument :

BNA_G

ClientSampleId :

SB-7(9-10)

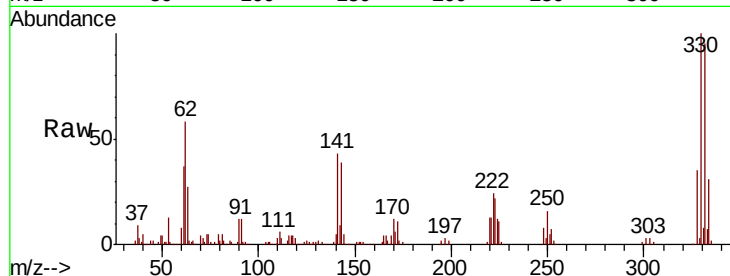
Tgt Ion:330 Resp: 151463

Ion Ratio Lower Upper

330 100

332 96.3 75.7 113.5

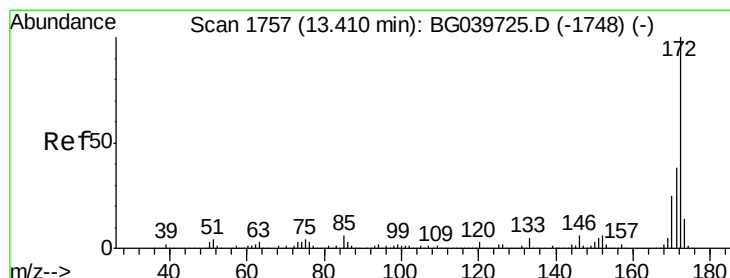
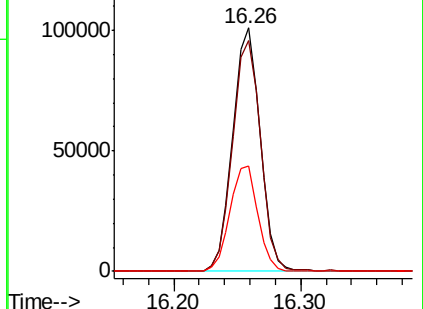
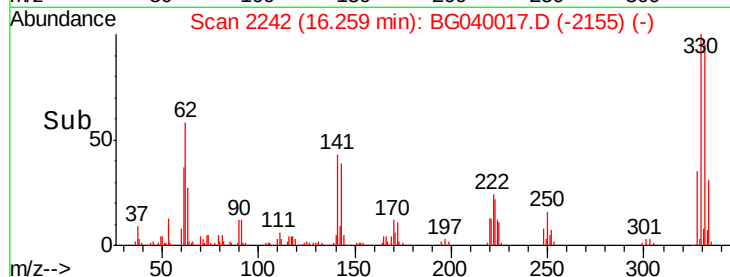
141 44.0 35.6 53.4



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: 63.034 ng

RT: 13.39 min Scan# 1754

Delta R.T. -0.02 min

Lab File: BG040017.D

Acq: 20 Mar 2019 00:37

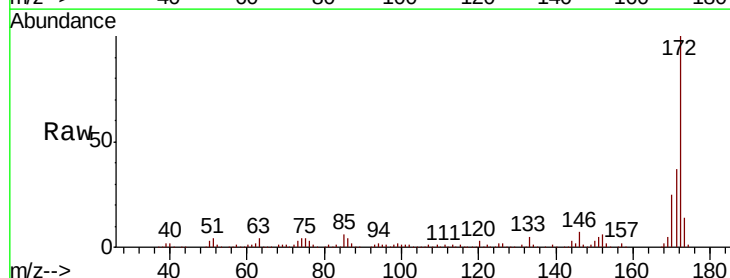
Tgt Ion:172 Resp: 516748

Ion Ratio Lower Upper

172 100

171 37.2 30.8 46.2

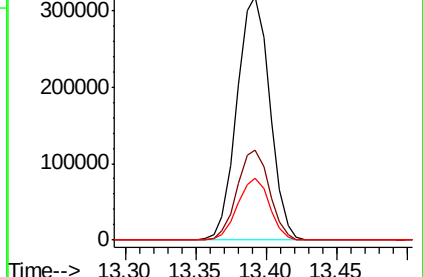
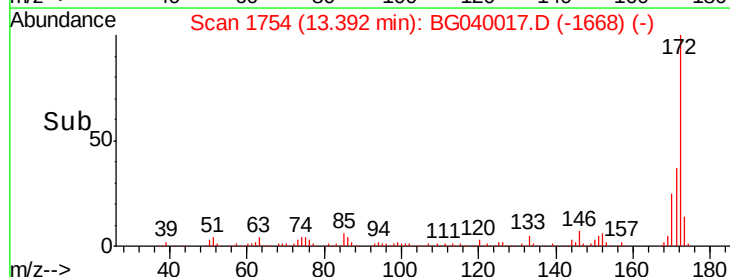
170 25.2 20.2 30.4

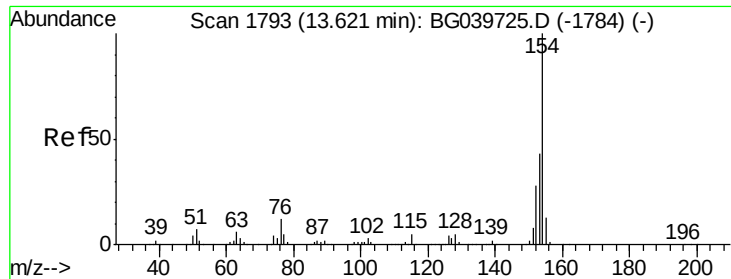


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

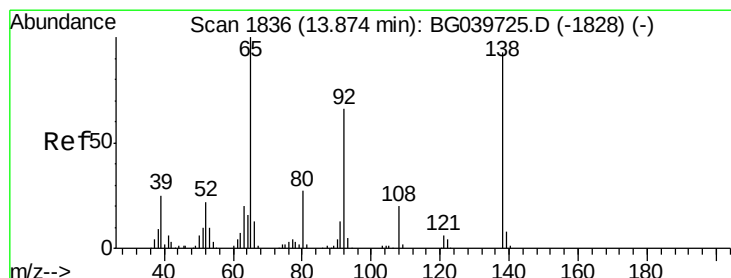
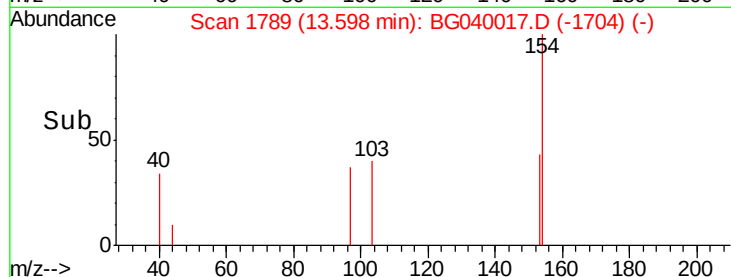
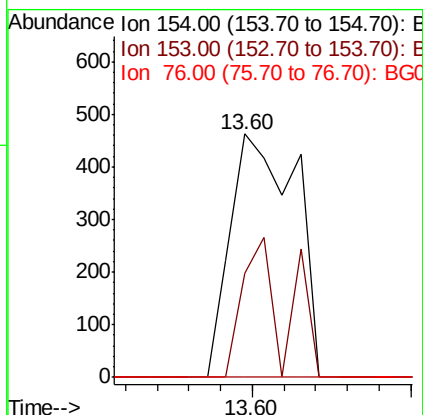
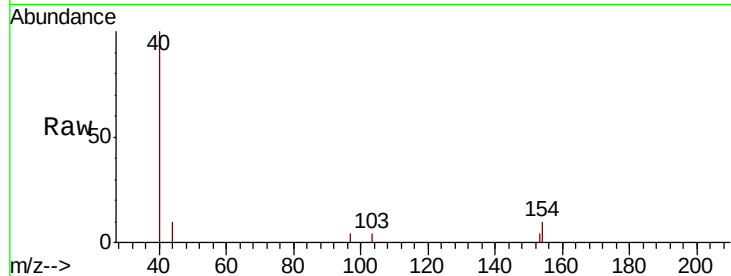




#46
1,1'-Biphenyl
Concen: 0.069 ng
RT: 13.60 min Scan# 1789
Delta R.T. -0.03 min
Lab File: BG040017.D
Acq: 20 Mar 2019 00:37

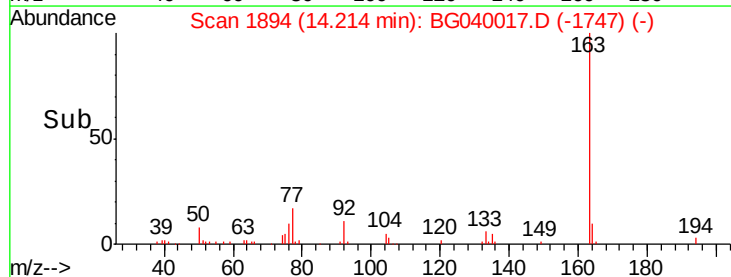
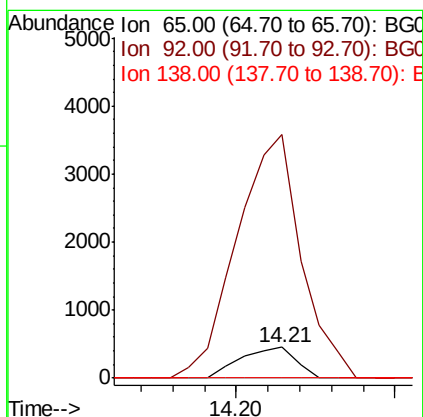
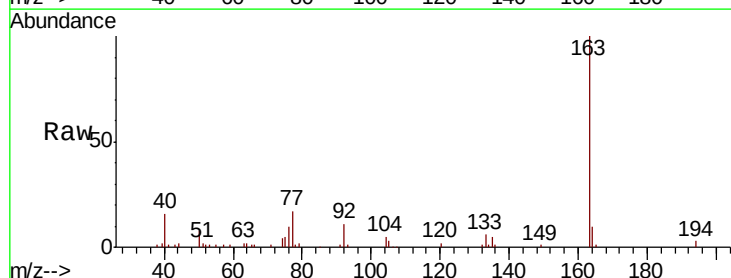
Instrument :
BNA_G
ClientSampleId :
SB-7(9-10)

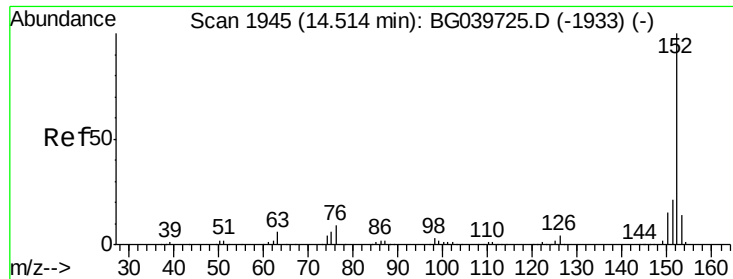
Tgt Ion: 154 Resp: 660
Ion Ratio Lower Upper
154 100
153 42.5 22.1 62.1
76 0.0 0.0 32.4



#48
2-Nitroaniline
Concen: 0.238 ng
RT: 14.21 min Scan# 1894
Delta R.T. 0.33 min
Lab File: BG040017.D
Acq: 20 Mar 2019 00:37

Tgt Ion: 65 Resp: 553
Ion Ratio Lower Upper
65 100
92 790.5 51.4 77.2#
138 0.0 71.4 107.2#





#49

Acenaphthylene

Concen: 0.004 ng

RT: 14.83 min Scan# 1998

Delta R.T. 0.30 min

Lab File: BG040017.D

Acq: 20 Mar 2019 00:37

Instrument :

BNA_G

ClientSampleId :

SB-7(9-10)

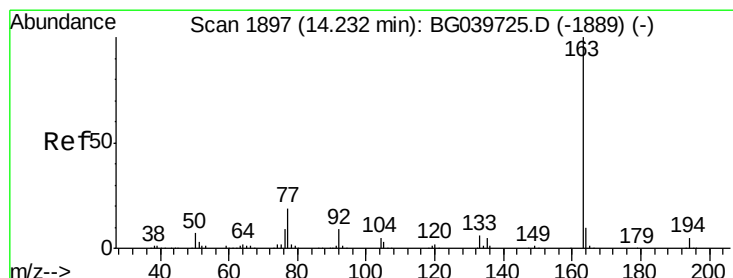
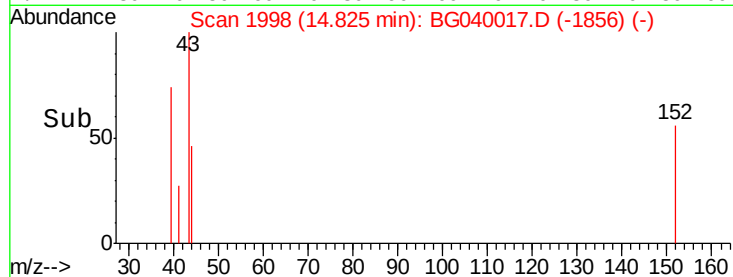
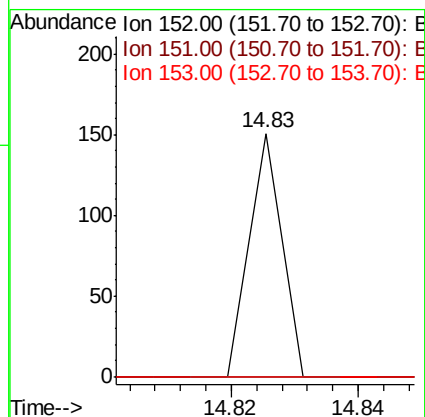
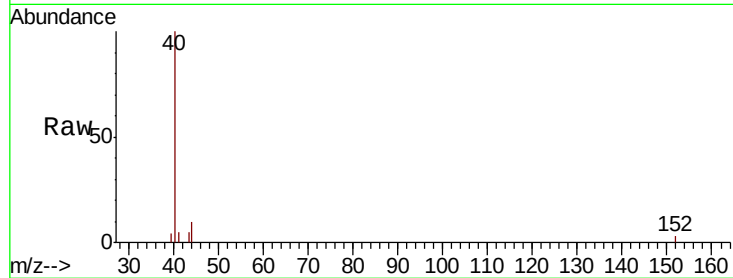
Tgt Ion:152 Resp: 53

Ion Ratio Lower Upper

152 100

151 0.0 16.8 25.2#

153 0.0 11.7 17.5#



#50

Dimethylphthalate

Concen: 5.389 ng

RT: 14.21 min Scan# 1893

Delta R.T. -0.03 min

Lab File: BG040017.D

Acq: 20 Mar 2019 00:37

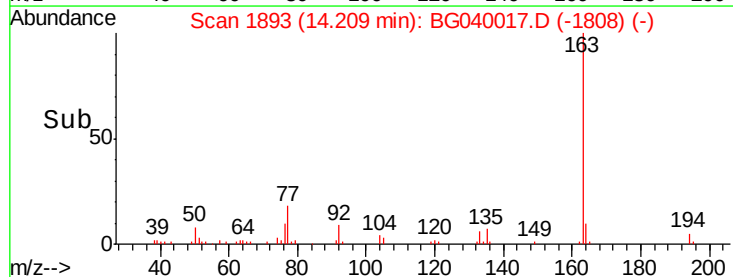
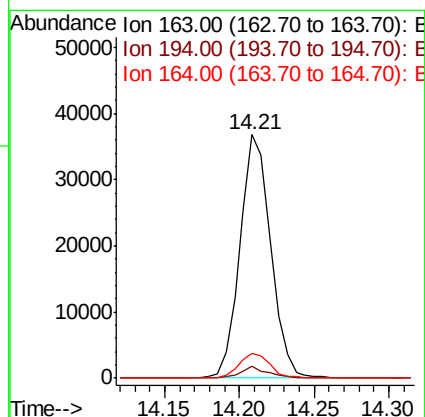
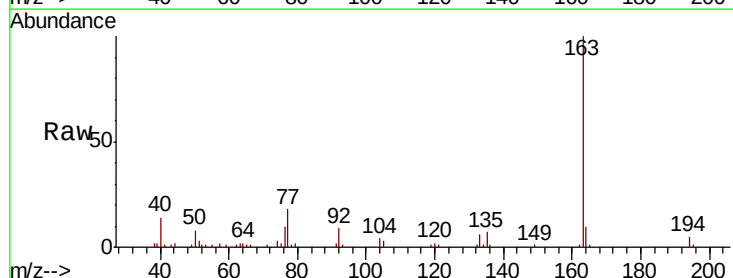
Tgt Ion:163 Resp: 52597

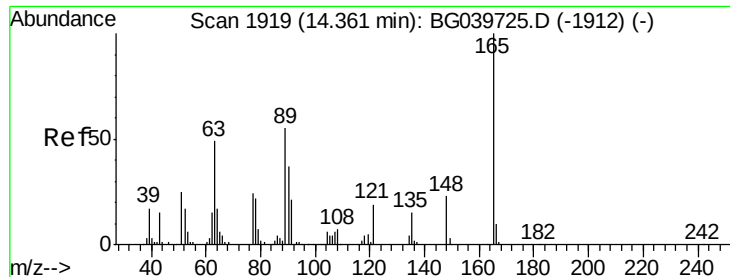
Ion Ratio Lower Upper

163 100

194 5.1 3.6 5.4

164 10.4 8.4 12.6

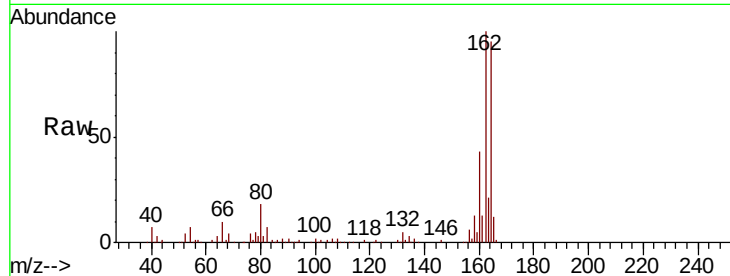




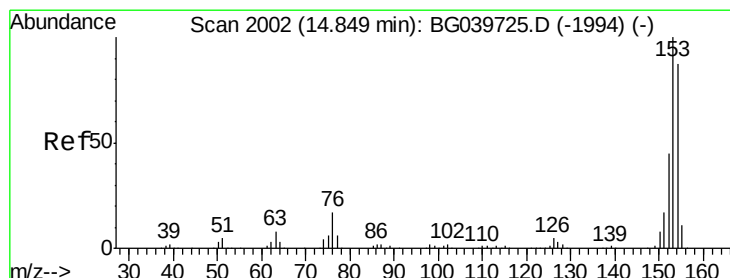
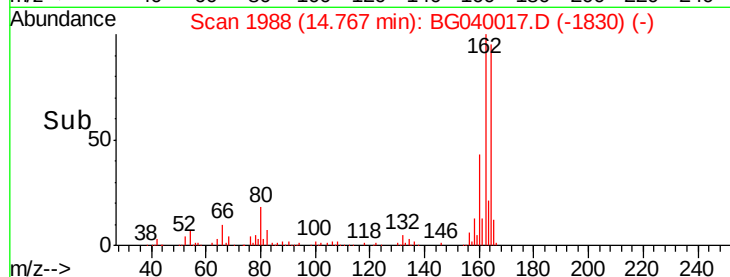
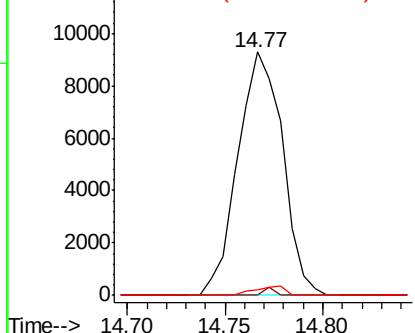
#51
2,6-Dinitrotoluene
Concen: 7.118 ng
RT: 14.77 min Scan# 1988
Delta R.T. 0.40 min
Lab File: BG040017.D
Acq: 20 Mar 2019 00:37

Instrument :
BNA_G
ClientSampleId :
SB-7(9-10)

Tgt Ion:165 Resp: 14729
Ion Ratio Lower Upper
165 100
63 0.0 47.0 70.6#
89 2.0 45.8 68.8#

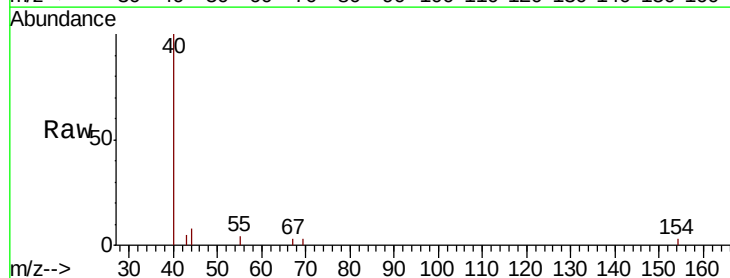


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

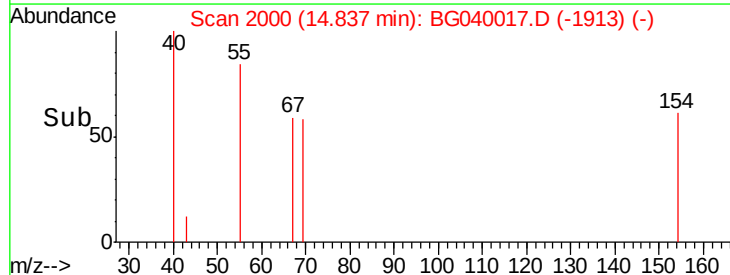
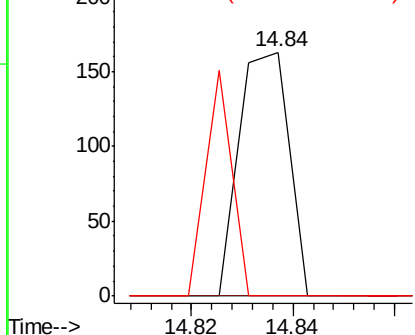


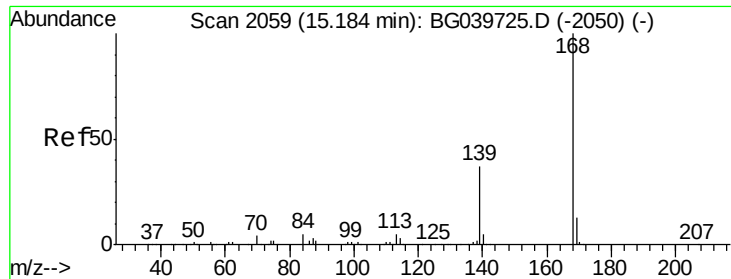
#52
Acenaphthene
Concen: 0.016 ng
RT: 14.84 min Scan# 2000
Delta R.T. -0.02 min
Lab File: BG040017.D
Acq: 20 Mar 2019 00:37

Tgt Ion:154 Resp: 112
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





#55

Dibenzofuran

Concen: 0.005 ng

RT: 15.18 min Scan# 2058

Delta R.T. -0.01 min

Lab File: BG040017.D

Acq: 20 Mar 2019 00:37

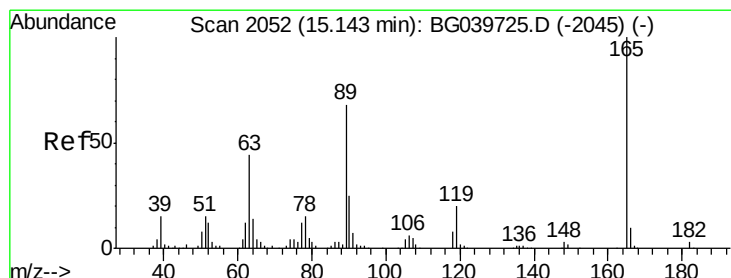
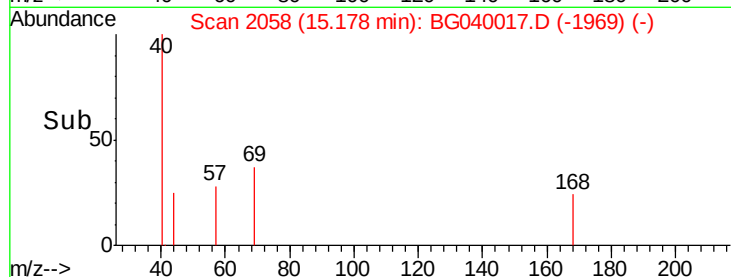
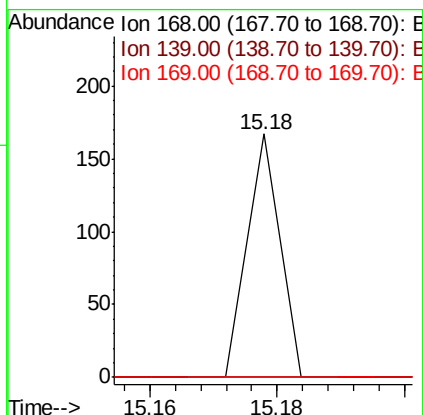
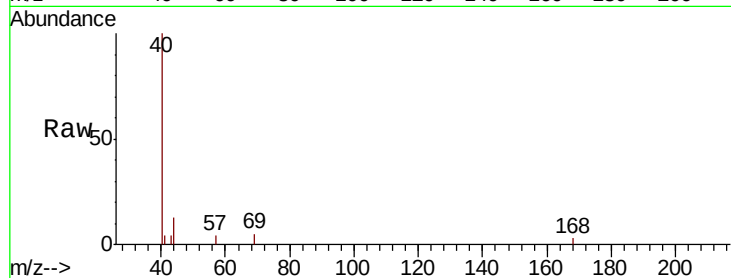
Instrument :

BNA_G

ClientSampleId :

SB-7(9-10)

Tgt Ion:	168	Resp:	59
Ion	Ratio	Lower	Upper
168	100		
139	0.0	30.1	45.1#
169	0.0	10.6	16.0#



#57

2,4-Dinitrotoluene

Concen: 5.066 ng

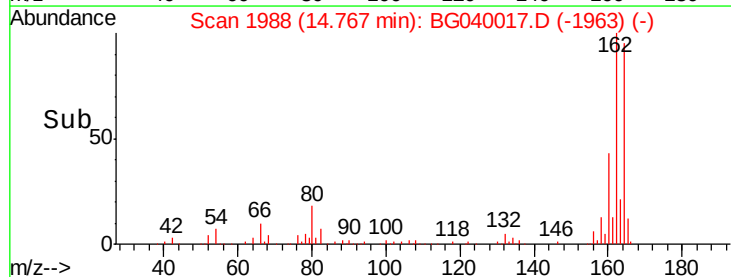
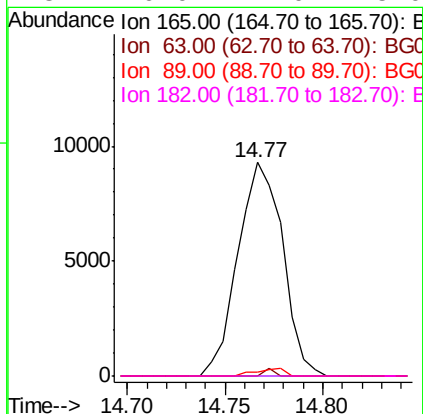
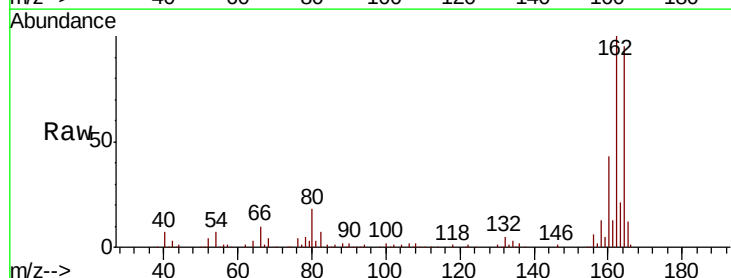
RT: 14.77 min Scan# 1988

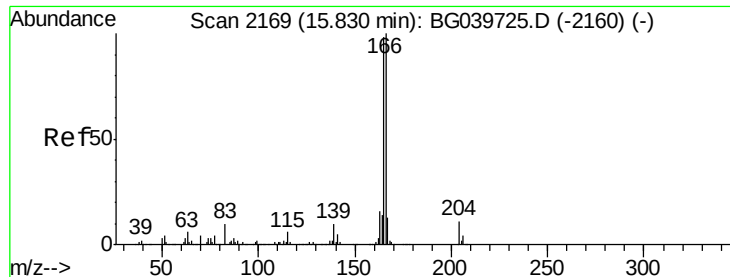
Delta R.T. -0.38 min

Lab File: BG040017.D

Acq: 20 Mar 2019 00:37

Tgt Ion:	165	Resp:	14729
Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.0	61.6#
89	2.0	64.6	96.8#
182	0.0	2.0	3.0#





#58

Fluorene

Concen: 0.716 ng

RT: 16.25 min Scan# 2241

Delta R.T. 0.42 min

Lab File: BG040017.D

Acq: 20 Mar 2019 00:37

Instrument :

BNA_G

ClientSampleId :

SB-7(9-10)

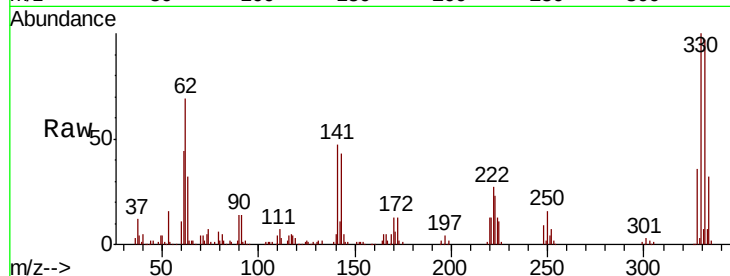
Tgt Ion:166 Resp: 6588

Ion Ratio Lower Upper

166 100

165 98.8 77.9 116.9

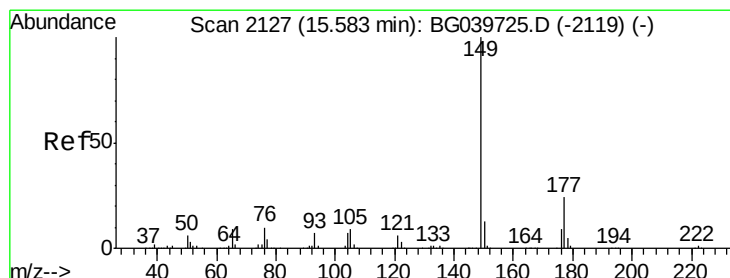
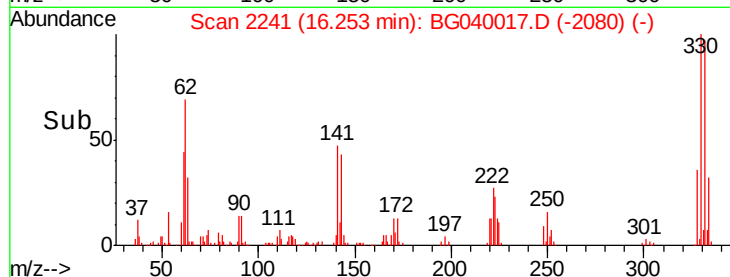
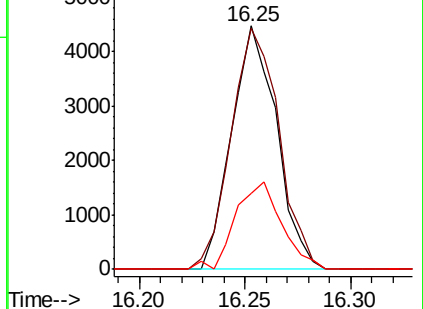
167 31.1 10.8 16.2#



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: 0.013 ng

RT: 15.57 min Scan# 2124

Delta R.T. -0.02 min

Lab File: BG040017.D

Acq: 20 Mar 2019 00:37

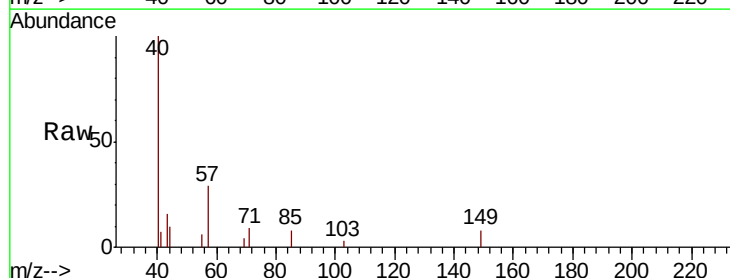
Tgt Ion:149 Resp: 127

Ion Ratio Lower Upper

149 100

177 0.0 18.3 27.5#

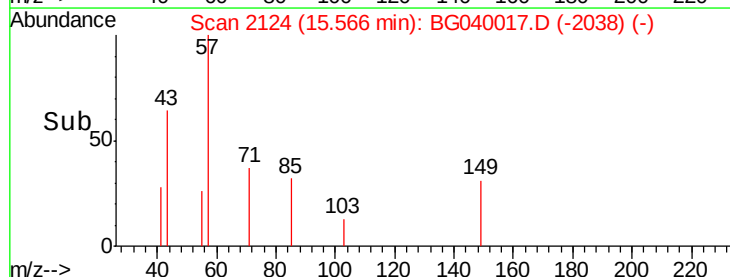
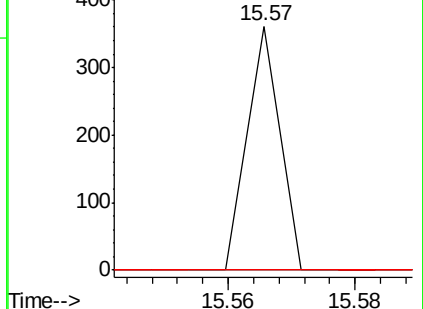
150 0.0 10.2 15.2#

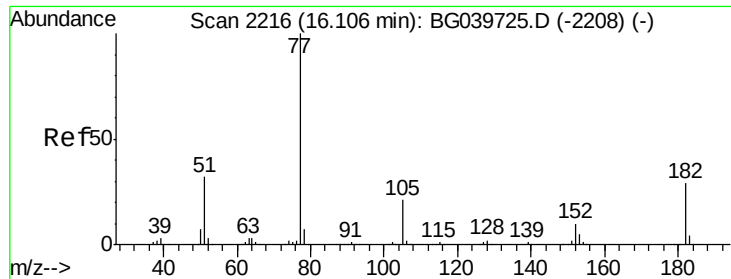


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#63

Azobenzene

Concen: 0.009 ng

RT: 15.98 min Scan# 2194

Delta R.T. -0.14 min

Lab File: BG040017.D

Acq: 20 Mar 2019 00:37

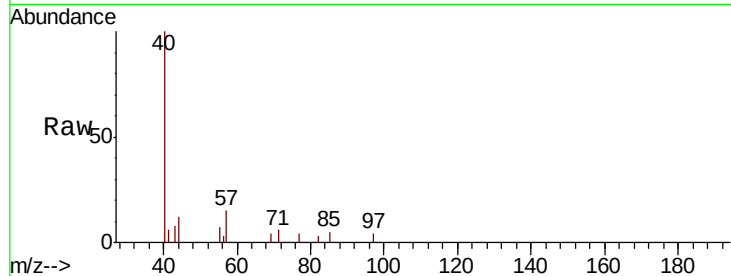
Instrument :

BNA_G

ClientSampleId :

SB-7(9-10)

Tgt Ion:	77	Resp:	79
Ion	Ratio	Lower	Upper
77	100		
182	0.0	6.4	46.4#
105	0.0	0.0	39.8
51	0.0	14.1	54.1#



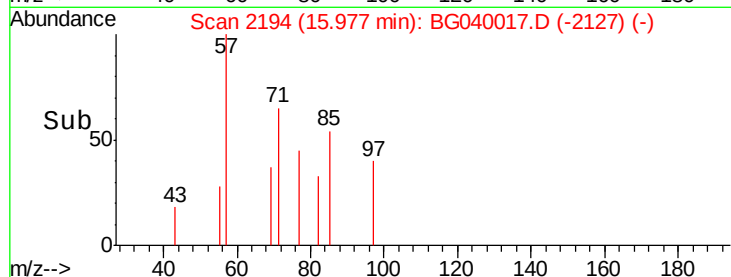
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

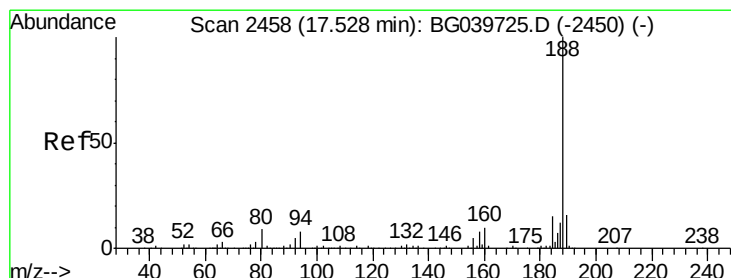
Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

15.98



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

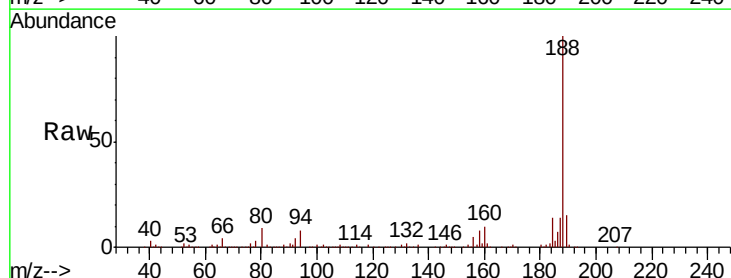
RT: 17.52 min Scan# 2456

Delta R.T. -0.02 min

Lab File: BG040017.D

Acq: 20 Mar 2019 00:37

Tgt Ion:	188	Resp:	282228
Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.9	10.3
80	8.9	8.1	12.1

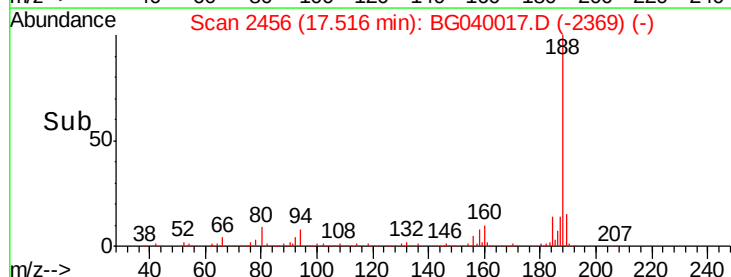


Abundance Ion 188.00 (187.70 to 188.70): BGC

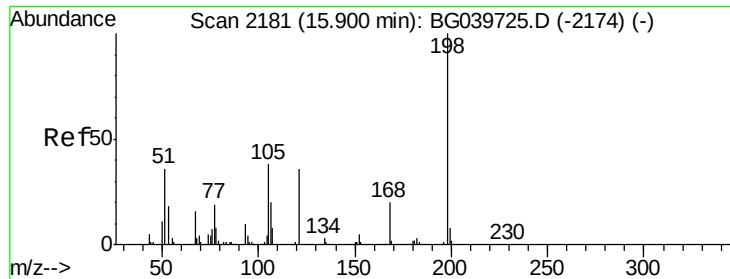
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

17.52



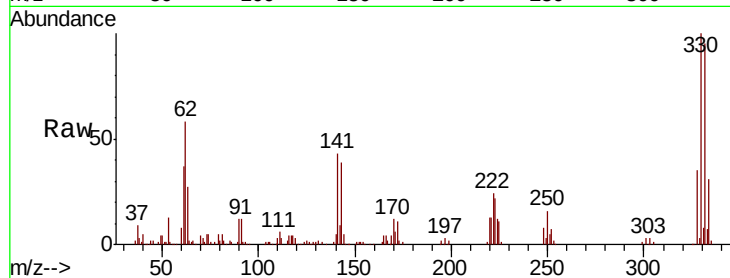
Time-->



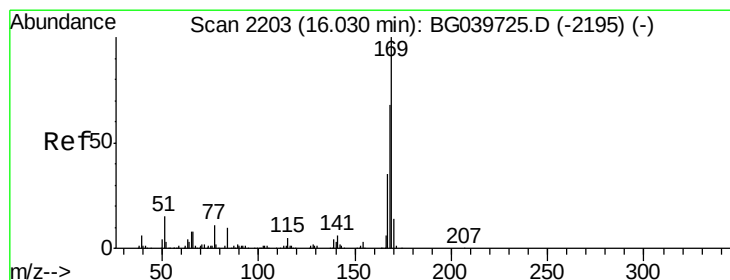
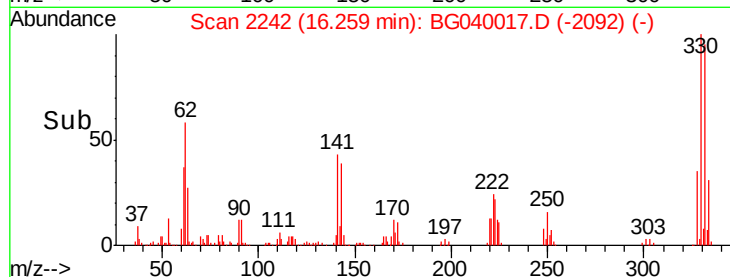
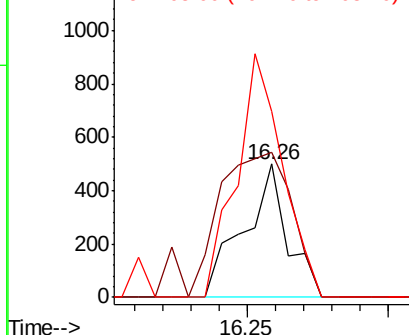
#65
4,6-Dinitro-2-methylphenol
Concen: 0.322 ng
RT: 16.26 min Scan# 2242
Delta R.T. 0.35 min
Lab File: BG040017.D
Acq: 20 Mar 2019 00:37

Instrument :
BNA_G
ClientSampleId :
SB-7(9-10)

Tgt Ion:198 Resp: 537
Ion Ratio Lower Upper
198 100
51 109.0 27.4 67.4#
105 139.4 19.7 59.7#

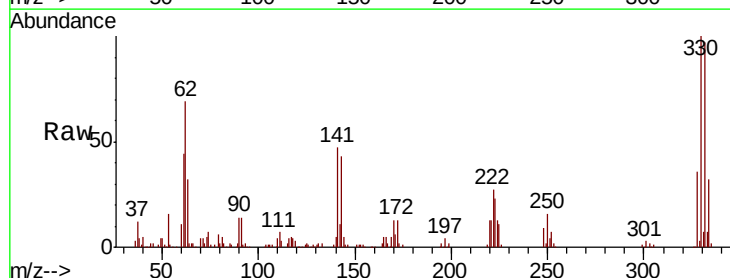


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

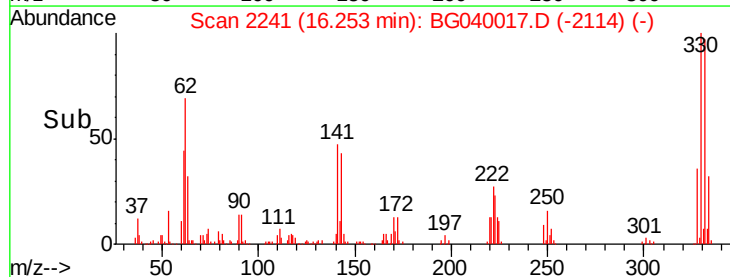
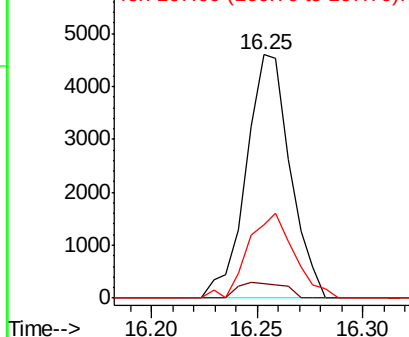


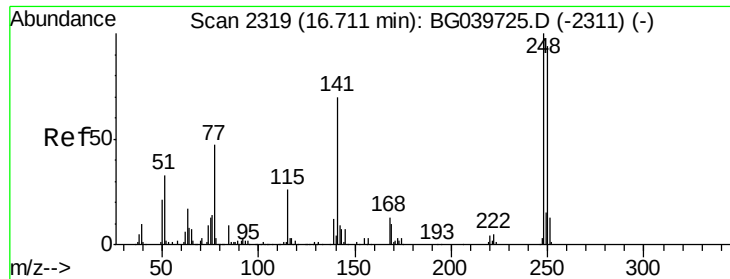
#66
n-Nitrosodiphenylamine
Concen: 0.817 ng
RT: 16.25 min Scan# 2241
Delta R.T. 0.22 min
Lab File: BG040017.D
Acq: 20 Mar 2019 00:37

Tgt Ion:169 Resp: 6672
Ion Ratio Lower Upper
169 100
168 6.2 56.6 85.0#
167 30.2 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

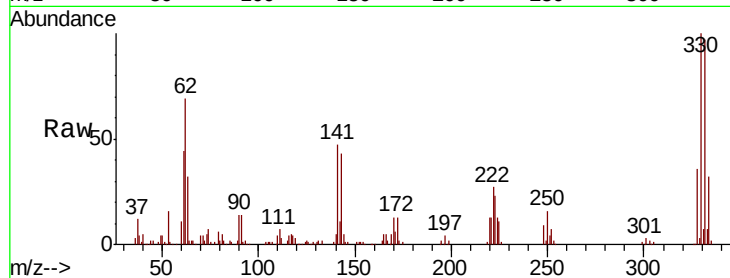




#67
 4-Bromophenyl-phenylether
 Concen: 3.888 ng
 RT: 16.25 min Scan# 2241
 Delta R.T. -0.46 min
 Lab File: BG040017.D
 Acq: 20 Mar 2019 00:37

Instrument :
 BNA_G
 ClientSampleId :
 SB-7(9-10)

Tgt Ion	Ratio	Lower	Upper
248	100		
250	184.8	77.6	116.4#
141	536.8	63.9	95.9#

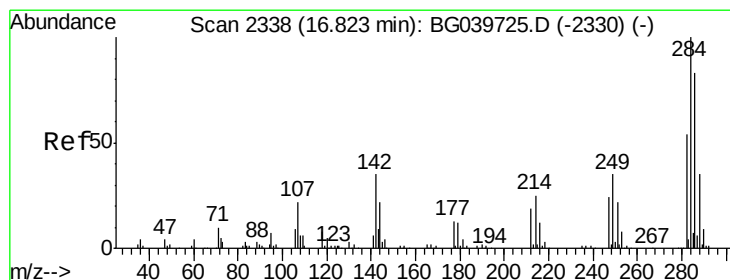
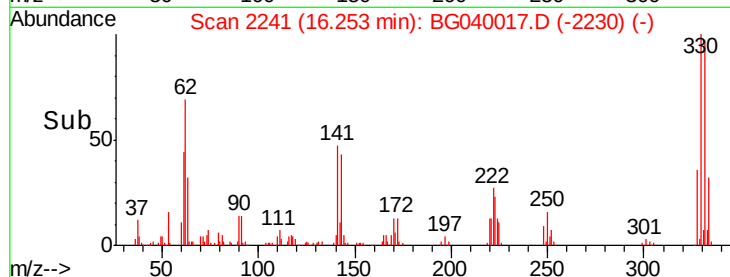
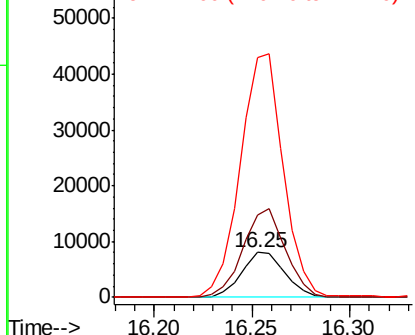


Abundance

Ion 248.00 (247.70 to 248.70): E

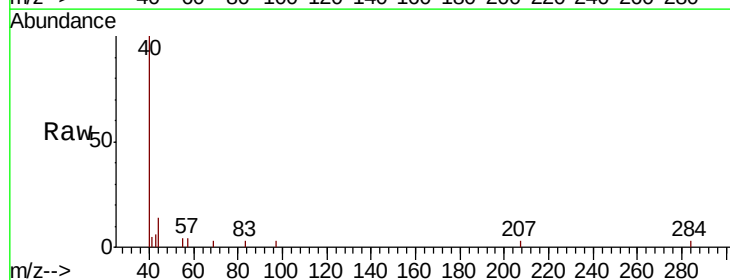
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 0.019 ng
 RT: 16.90 min Scan# 2352
 Delta R.T. 0.08 min
 Lab File: BG040017.D
 Acq: 20 Mar 2019 00:37

Tgt Ion	Ratio	Lower	Upper
284	100		
142	0.0	30.6	45.8#
249	0.0	28.2	42.2#

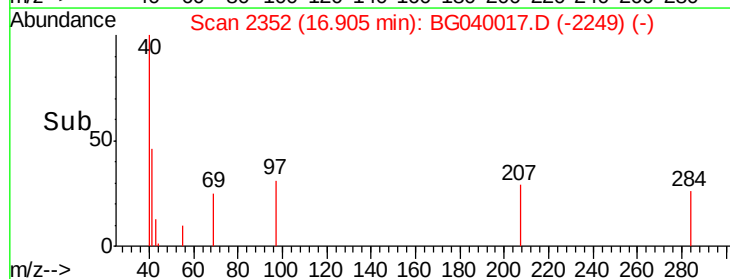
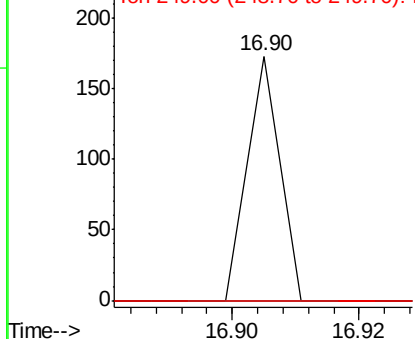


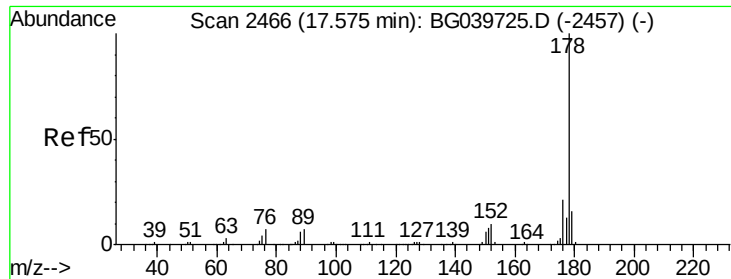
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

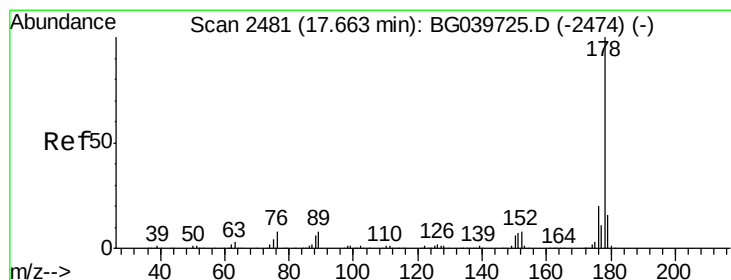
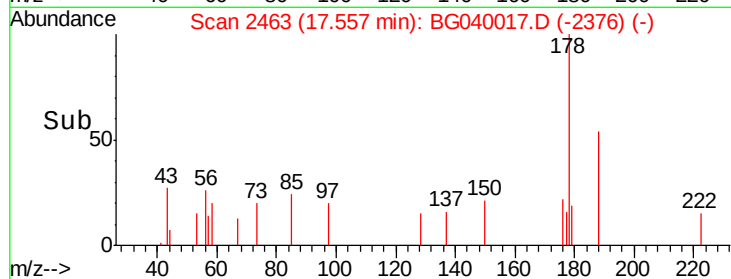
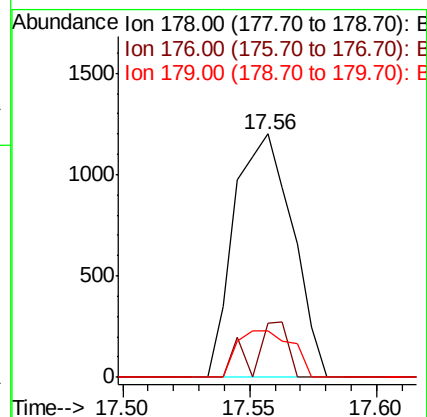
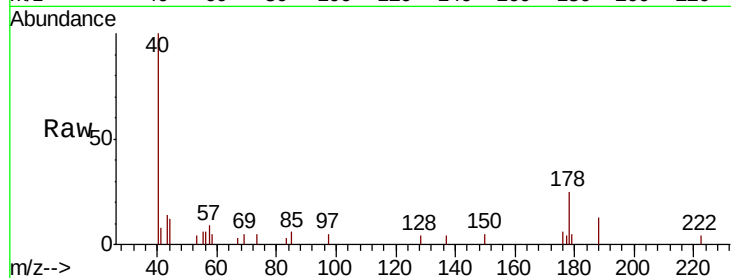




#71
Phenanthrene
Concen: 0.124 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.02 min
Lab File: BG040017.D
Acq: 20 Mar 2019 00:37

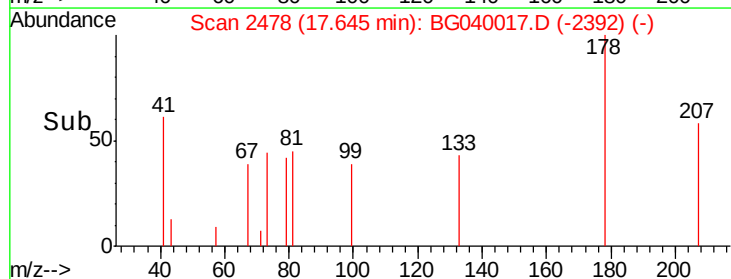
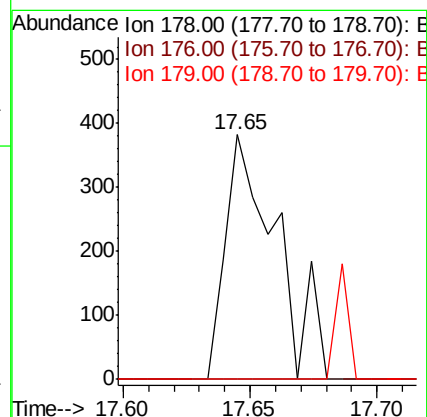
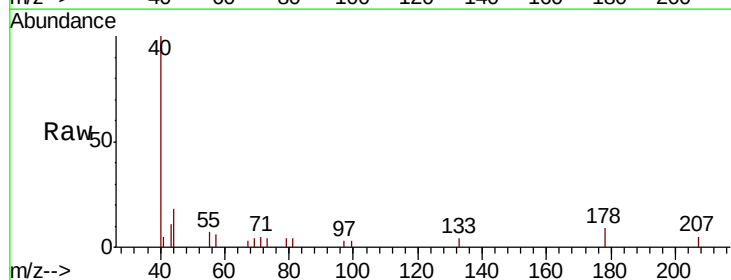
Instrument :
BNA_G
ClientSampleId :
SB-7(9-10)

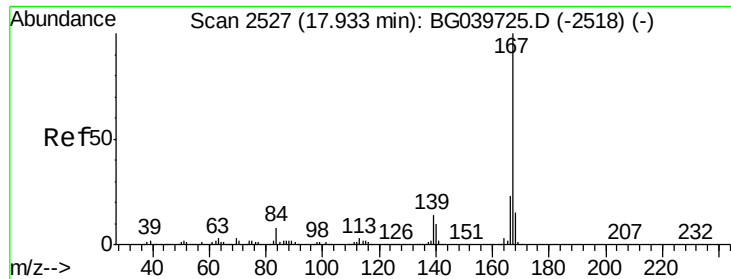
Tgt Ion:178 Resp: 1921
Ion Ratio Lower Upper
178 100
176 22.2 16.2 24.4
179 19.2 12.6 19.0#



#72
Anthracene
Concen: 0.035 ng
RT: 17.65 min Scan# 2478
Delta R.T. -0.02 min
Lab File: BG040017.D
Acq: 20 Mar 2019 00:37

Tgt Ion:178 Resp: 536
Ion Ratio Lower Upper
178 100
176 0.0 15.8 23.6#
179 0.0 12.5 18.7#

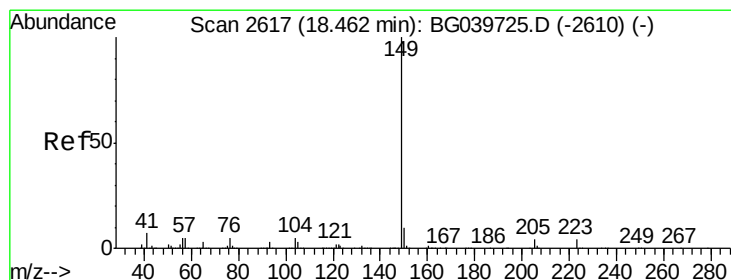
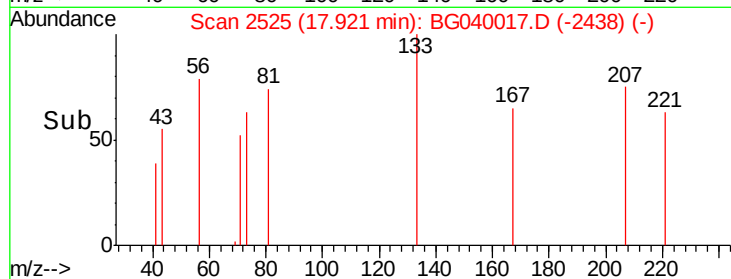
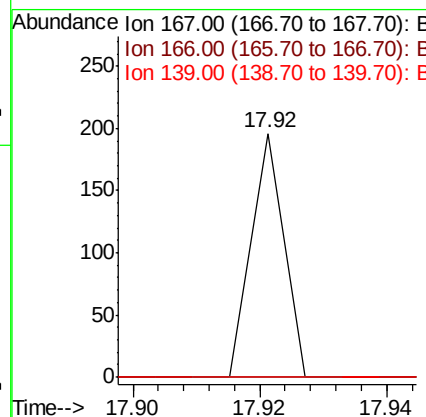
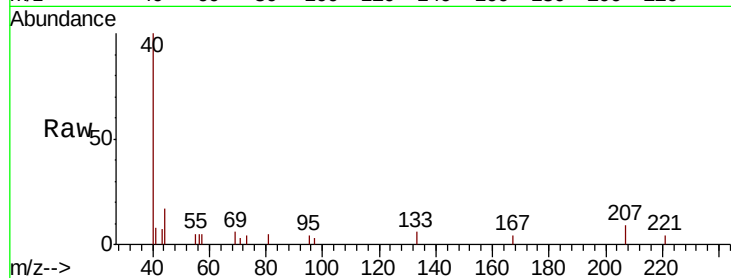




#73
 Carbazole
 Concen: 0.005 ng
 RT: 17.92 min Scan# 2525
 Delta R.T. -0.02 min
 Lab File: BG040017.D
 Acq: 20 Mar 2019 00:37

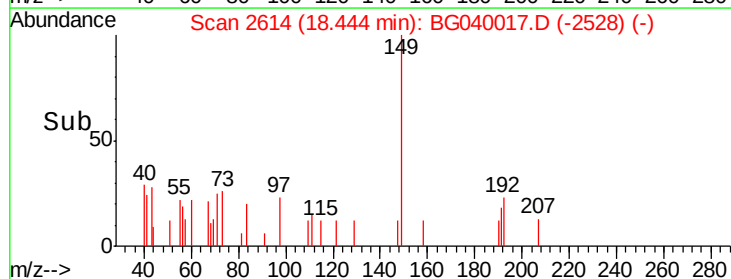
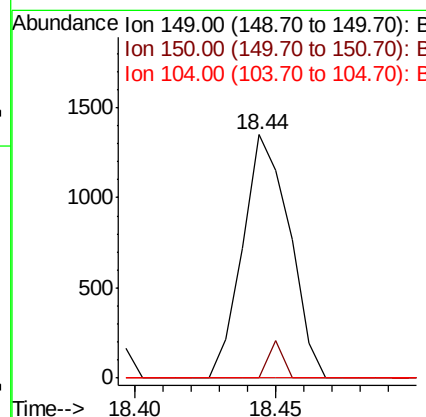
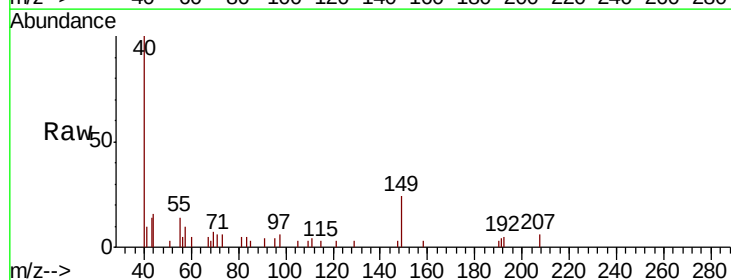
Instrument :
 BNA_G
 ClientSampleId :
 SB-7(9-10)

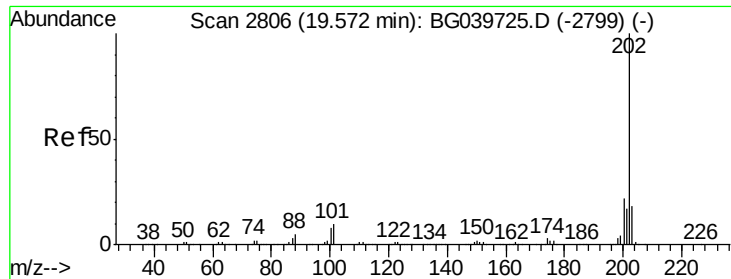
Tgt Ion	Ratio	Lower	Upper
167	100		
166	0.0	19.4	29.2#
139	0.0	10.8	16.2#



#74
 Di-n-butylphthalate
 Concen: 0.097 ng
 RT: 18.44 min Scan# 2614
 Delta R.T. -0.02 min
 Lab File: BG040017.D
 Acq: 20 Mar 2019 00:37

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





#75

Fluoranthene

Concen: 0.116 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BG040017.D

Acq: 20 Mar 2019 00:37

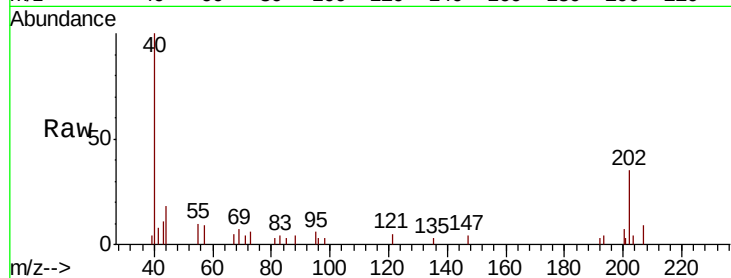
Instrument :

BNA_G

ClientSampleId :

SB-7(9-10)

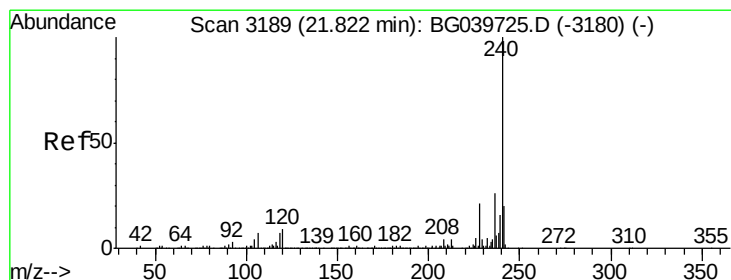
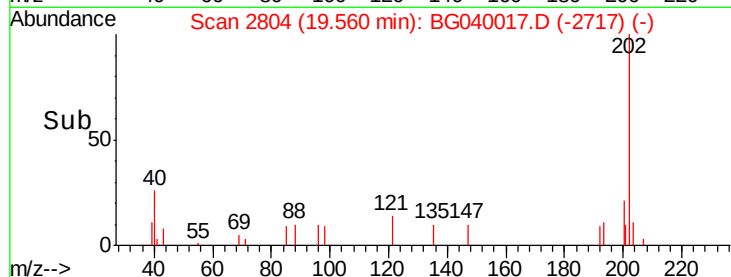
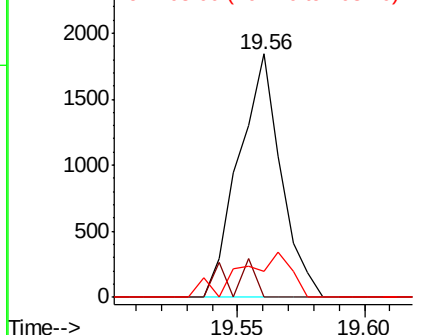
Tgt Ion:	202	Resp:	2128
Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	30.0
203	10.6	0.0	38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

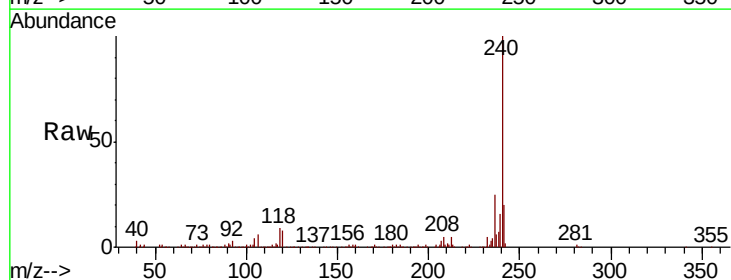
RT: 21.80 min Scan# 3185

Delta R.T. -0.03 min

Lab File: BG040017.D

Acq: 20 Mar 2019 00:37

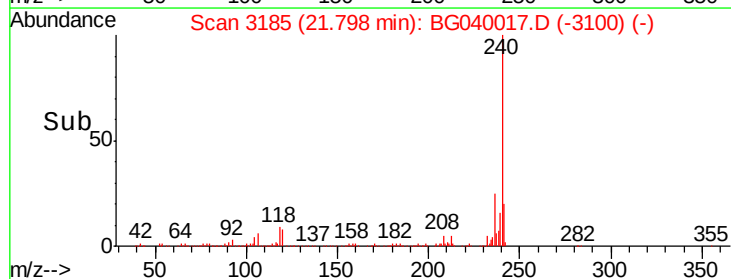
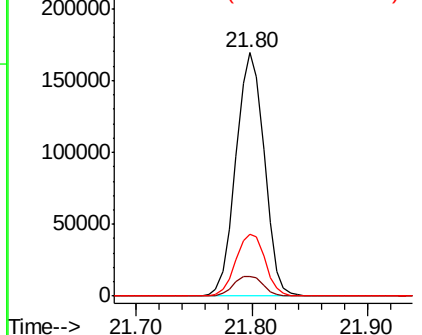
Tgt Ion:	240	Resp:	287876
Ion	Ratio	Lower	Upper
240	100		
120	7.9	7.0	10.6
236	25.3	21.0	31.4

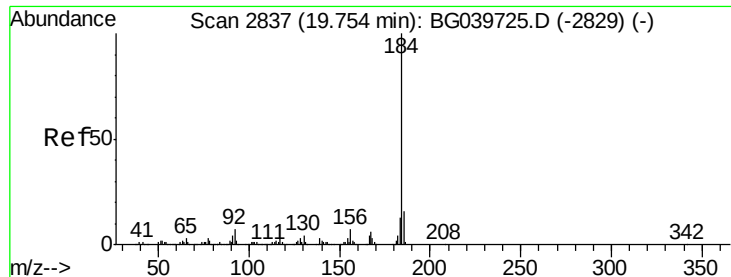


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 1.419 ng

RT: 20.11 min Scan# 2897

Delta R.T. 0.35 min

Lab File: BG040017.D

Acq: 20 Mar 2019 00:37

Instrument :

BNA_G

ClientSampleId :

SB-7(9-10)

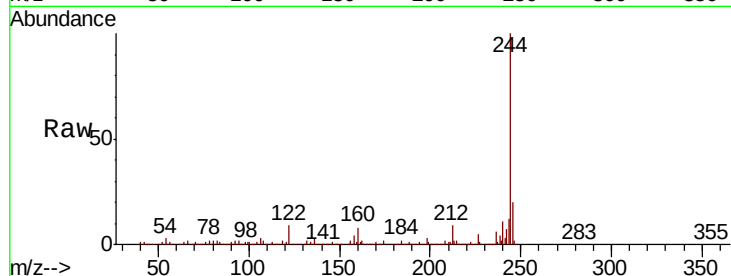
Tgt Ion:184 Resp: 12961

Ion Ratio Lower Upper

184 100

185 17.7 12.2 18.2

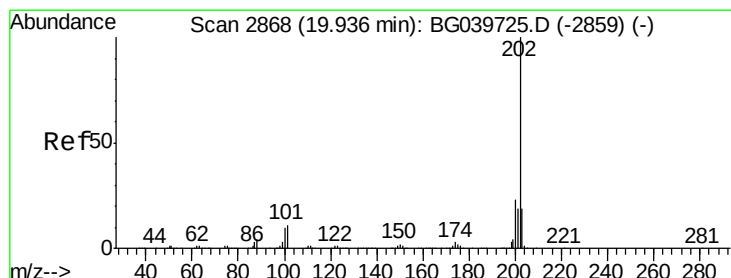
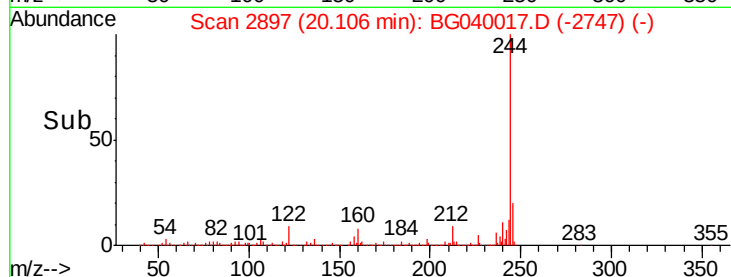
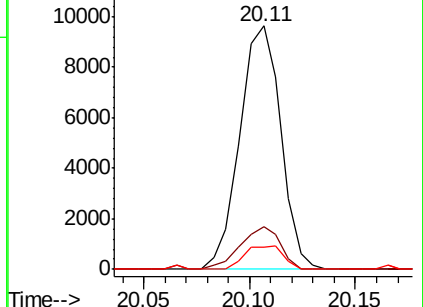
183 9.0 10.6 15.8#



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: 0.106 ng

RT: 19.92 min Scan# 2866

Delta R.T. -0.02 min

Lab File: BG040017.D

Acq: 20 Mar 2019 00:37

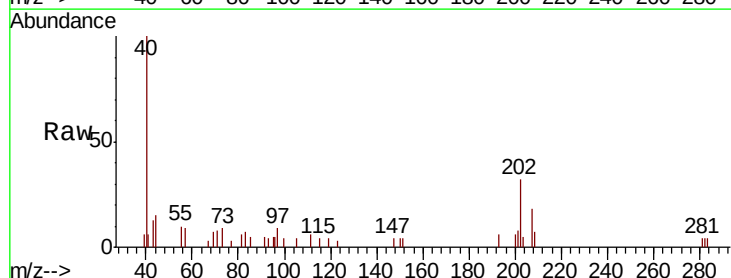
Tgt Ion:202 Resp: 1987

Ion Ratio Lower Upper

202 100

200 18.6 17.8 26.8

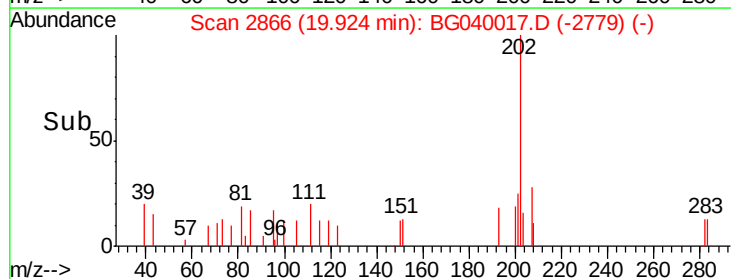
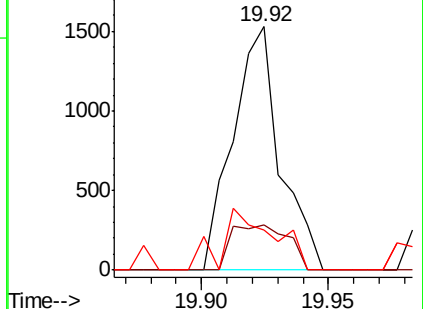
203 16.4 15.3 22.9

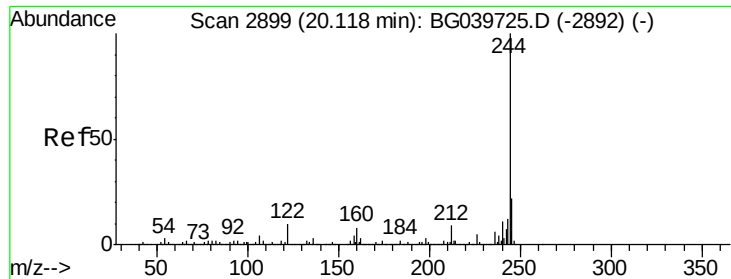


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 58.147 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040017.D

Acq: 20 Mar 2019 00:37

Instrument :

BNA_G

ClientSampleId :

SB-7(9-10)

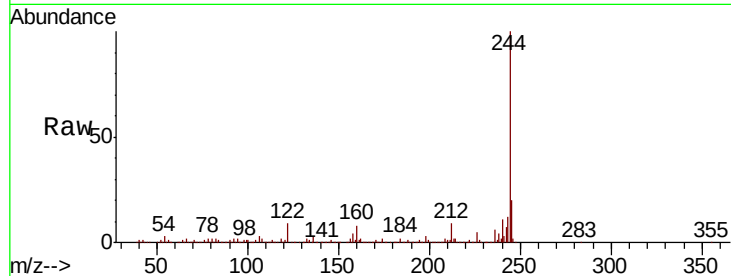
Tgt Ion:244 Resp: 760244

Ion Ratio Lower Upper

244 100

212 8.8 7.3 10.9

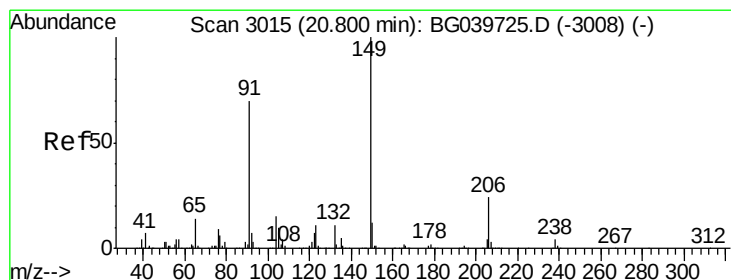
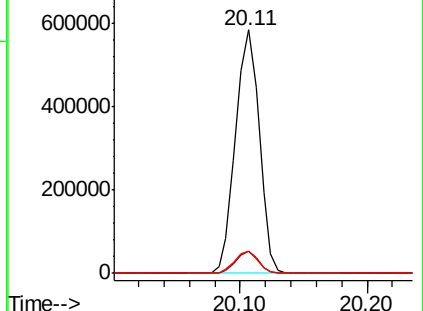
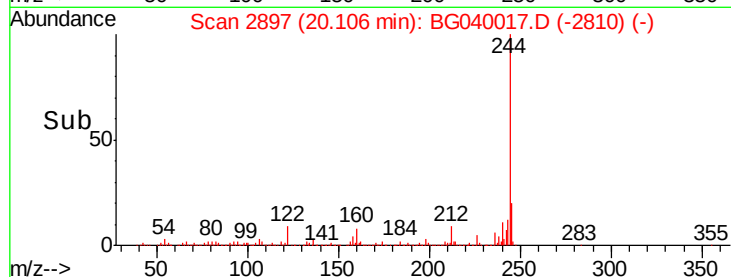
122 8.9 8.4 12.6



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: 0.020 ng

RT: 20.78 min Scan# 3012

Delta R.T. -0.02 min

Lab File: BG040017.D

Acq: 20 Mar 2019 00:37

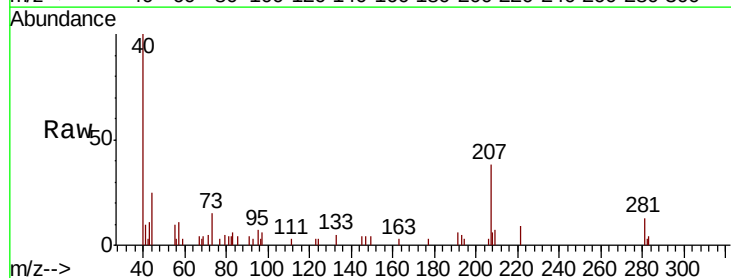
Tgt Ion:149 Resp: 147

Ion Ratio Lower Upper

149 100

91 104.6 59.5 89.3#

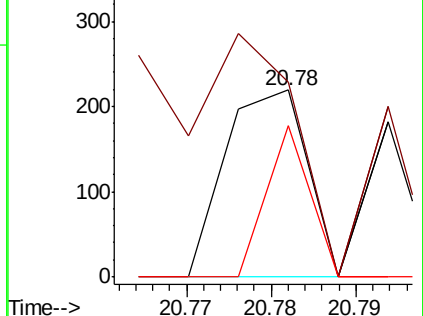
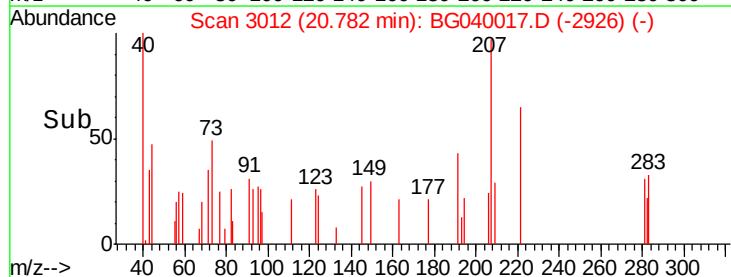
206 81.3 18.6 27.8#

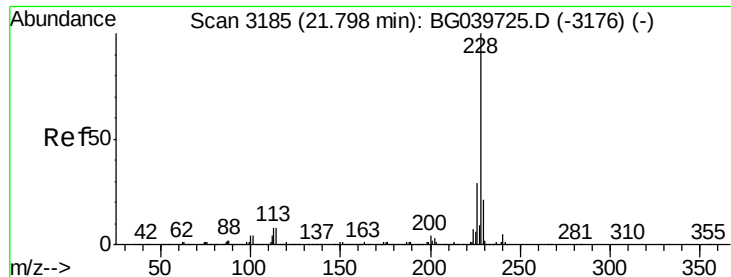


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.100 ng

RT: 21.77 min Scan# 3180

Delta R.T. -0.04 min

Lab File: BG040017.D

Acq: 20 Mar 2019 00:37

Instrument :

BNA_G

ClientSampleId :

SB-7(9-10)

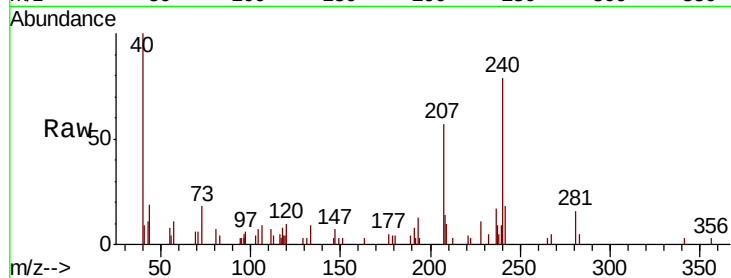
Tgt Ion:228 Resp: 1808

Ion Ratio Lower Upper

228 100

226 0.0 23.0 34.6#

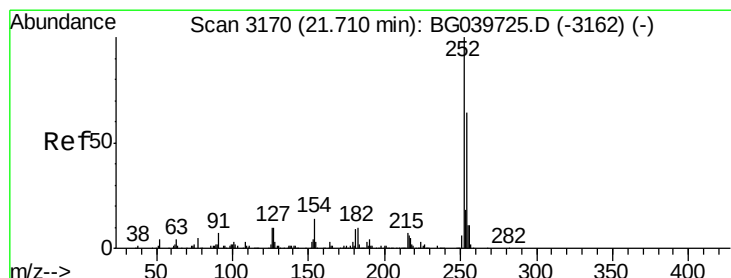
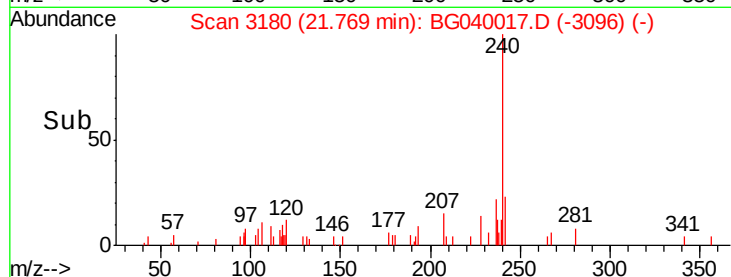
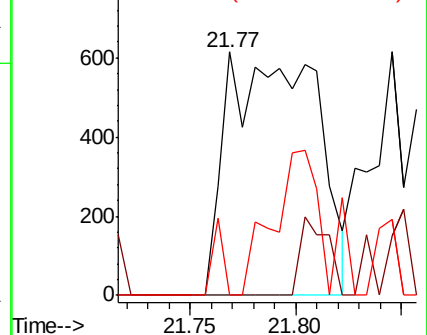
229 0.0 16.9 25.3#



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



#82

3,3'-Dichlorobenzidine

Concen: 0.043 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.02 min

Lab File: BG040017.D

Acq: 20 Mar 2019 00:37

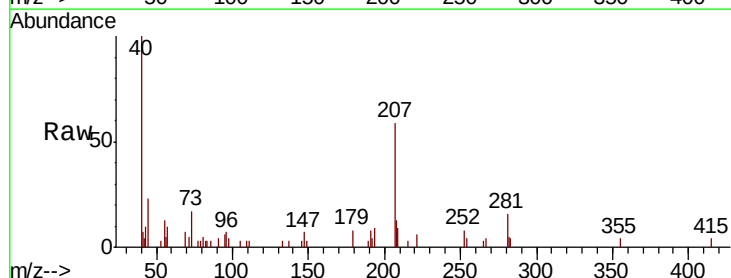
Tgt Ion:252 Resp: 284

Ion Ratio Lower Upper

252 100

254 57.7 51.3 76.9

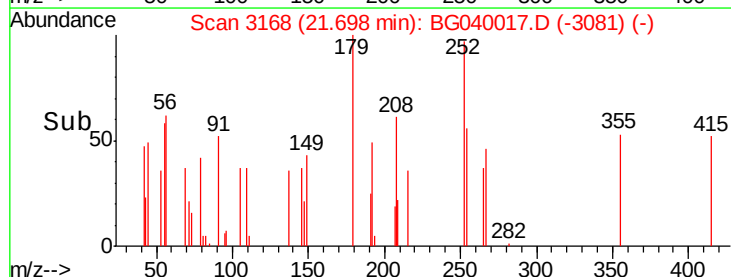
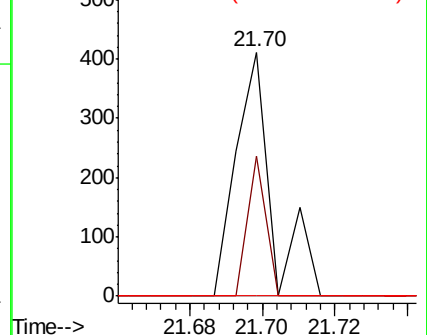
126 0.0 8.0 12.0#

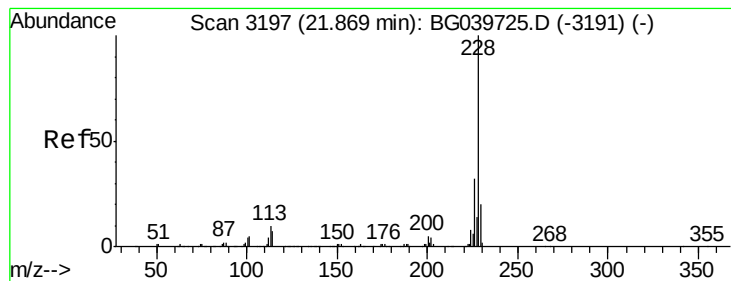


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 0.047 ng

RT: 21.85 min Scan# 3193

Delta R.T. -0.03 min

Lab File: BG040017.D

Acq: 20 Mar 2019 00:37

Instrument :

BNA_G

ClientSampleId :

SB-7(9-10)

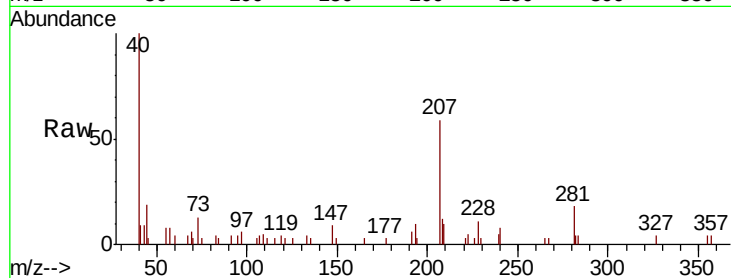
Tgt Ion:228 Resp: 818

Ion Ratio Lower Upper

228 100

226 24.6 25.8 38.6#

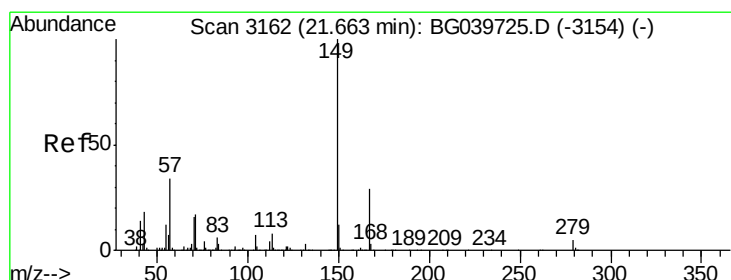
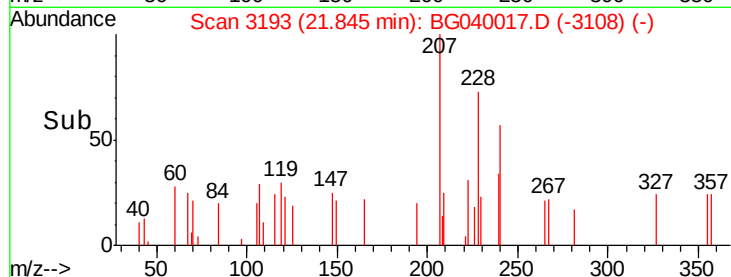
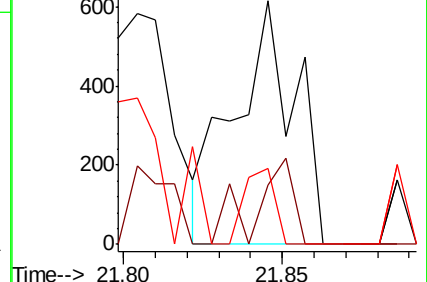
229 31.3 16.6 25.0#



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.119 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.03 min

Lab File: BG040017.D

Acq: 20 Mar 2019 00:37

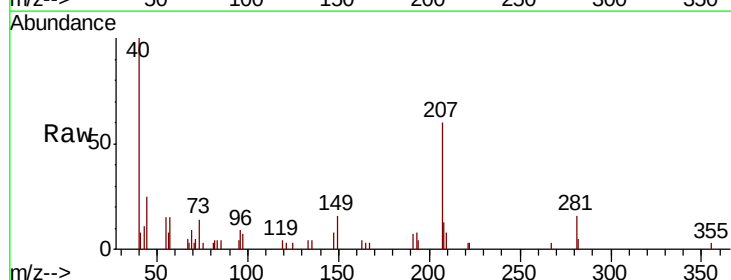
Tgt Ion:149 Resp: 1211

Ion Ratio Lower Upper

149 100

167 17.1 22.6 34.0#

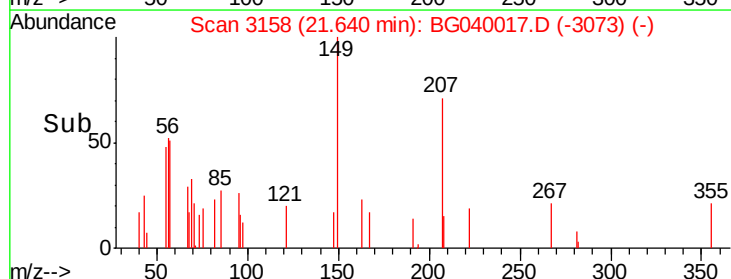
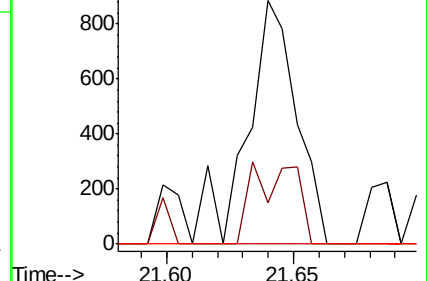
279 0.0 3.5 5.3#

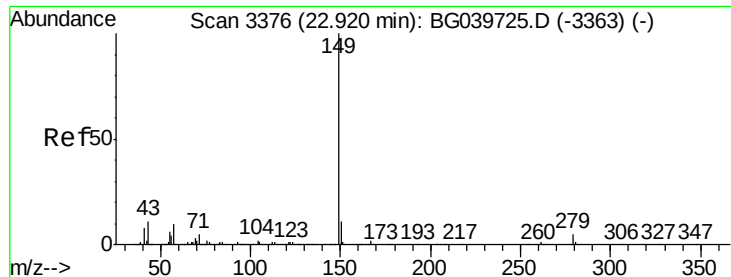


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

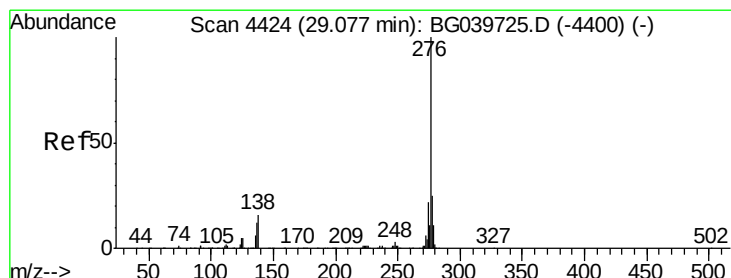
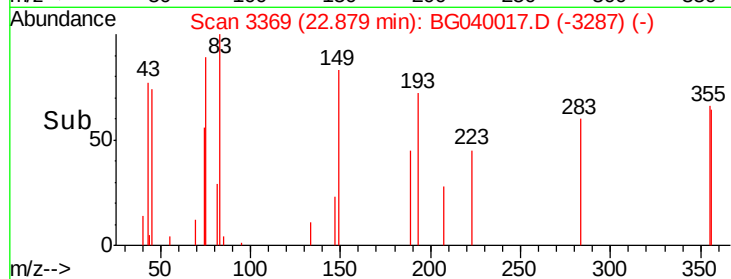
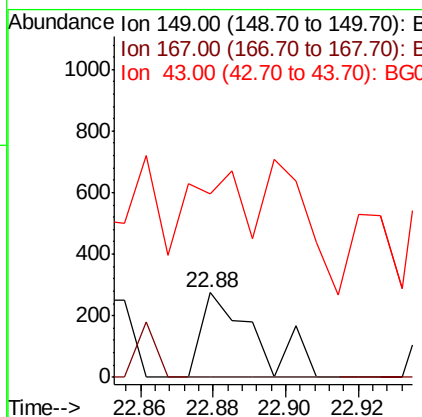
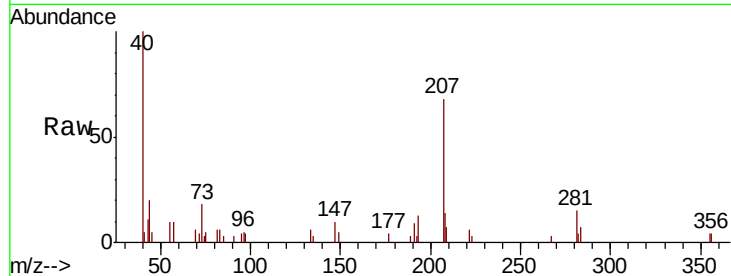




#85
Di-n-octyl phthalate
Concen: 0.017 ng
RT: 22.88 min Scan# 3369
Delta R.T. -0.05 min
Lab File: BG040017.D
Acq: 20 Mar 2019 00:37

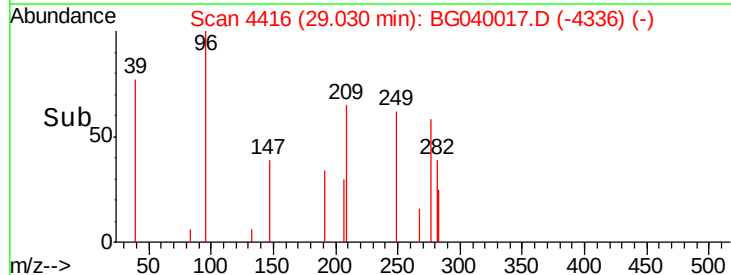
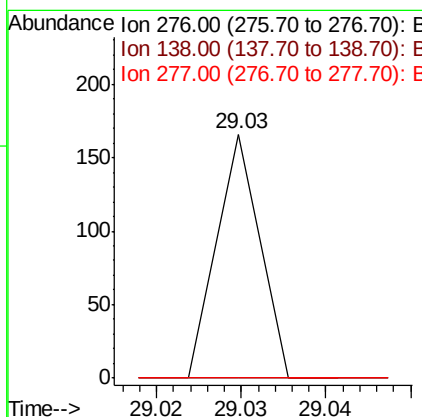
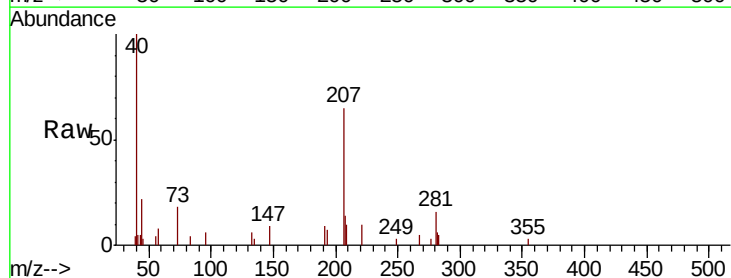
Instrument :
BNA_G
ClientSampleId :
SB-7(9-10)

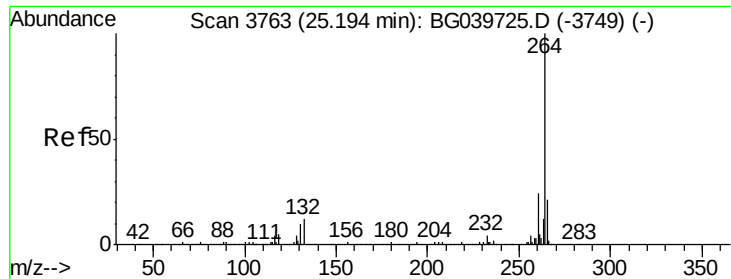
Tgt Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.3	1.9#
43	0.0	10.2	15.4#



#86
Indeno(1,2,3-cd)pyrene
Concen: 0.003 ng
RT: 29.03 min Scan# 4416
Delta R.T. -0.06 min
Lab File: BG040017.D
Acq: 20 Mar 2019 00:37

Tgt Ion	Ratio	Lower	Upper
276	100		
138	0.0	12.6	19.0#
277	0.0	20.8	31.2#

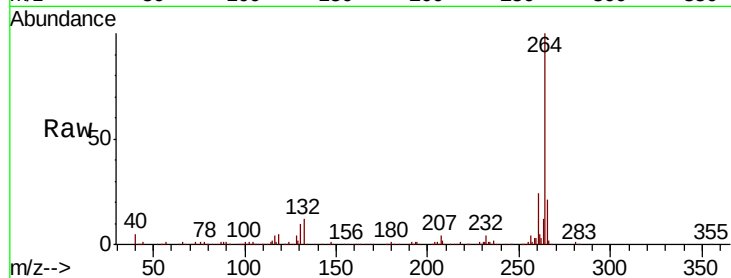




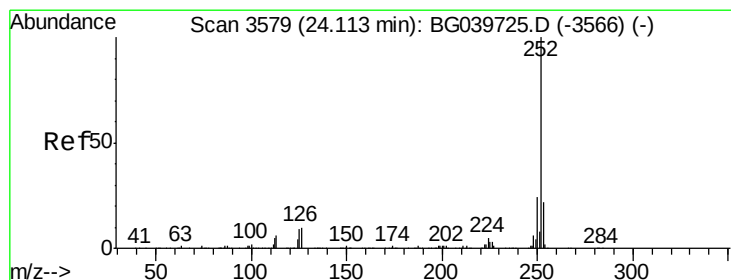
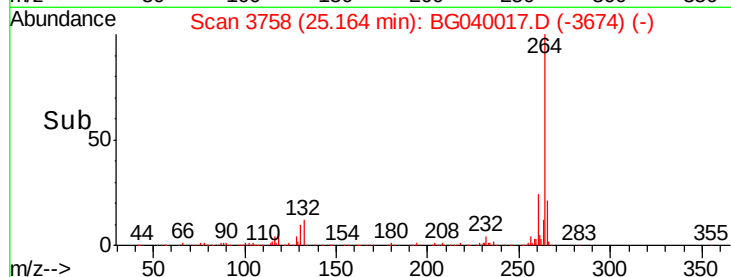
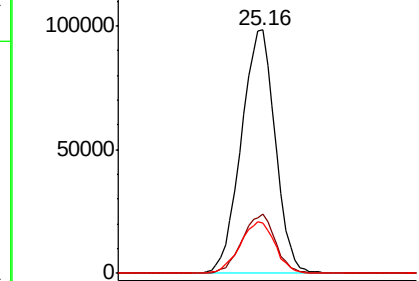
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.16 min Scan# 3758
Delta R.T. -0.04 min
Lab File: BG040017.D
Acq: 20 Mar 2019 00:37

Instrument :
BNA_G
ClientSampled :
SB-7(9-10)

Tgt Ion: 264 Resp: 292647
Ion Ratio Lower Upper
264 100
260 24.1 18.2 27.4
265 20.8 18.5 27.7

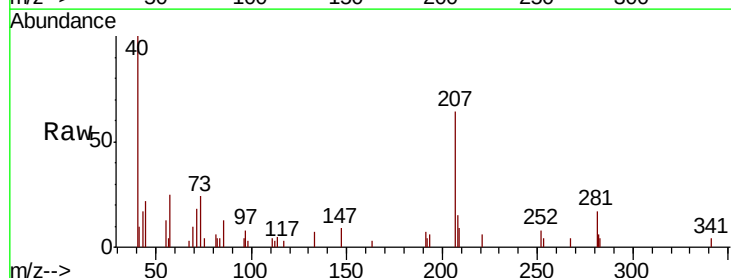


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

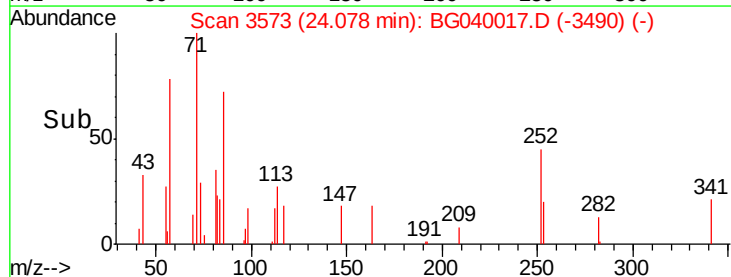
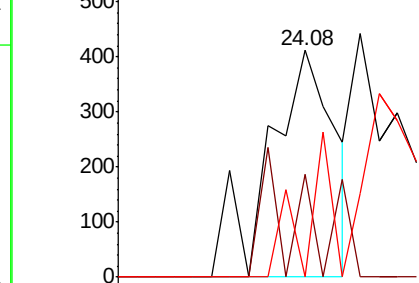


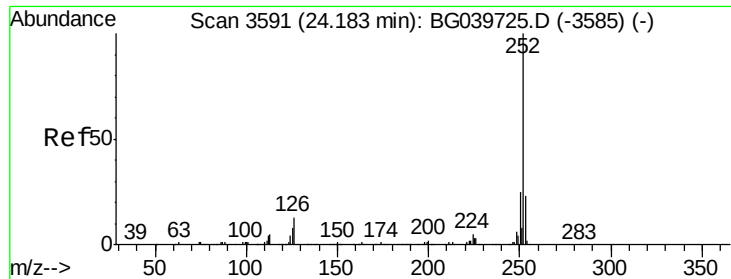
#88
Benzo(b)fluoranthene
Concen: 0.034 ng
RT: 24.08 min Scan# 3573
Delta R.T. -0.04 min
Lab File: BG040017.D
Acq: 20 Mar 2019 00:37

Tgt Ion: 252 Resp: 597
Ion Ratio Lower Upper
252 100
253 45.6 17.8 26.8#
125 0.0 7.8 11.6#



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





#89

Benzo(k)fluoranthene

Concen: 0.039 ng

RT: 24.14 min Scan# 3584

Delta R.T. -0.05 min

Lab File: BG040017.D

Acq: 20 Mar 2019 00:37

Instrument :

BNA_G

ClientSampleId :

SB-7(9-10)

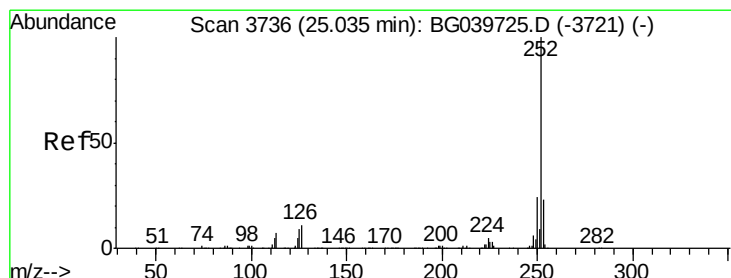
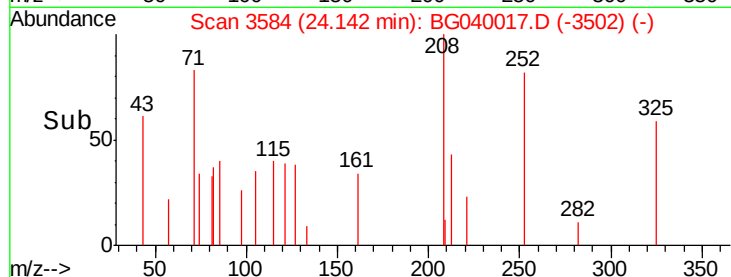
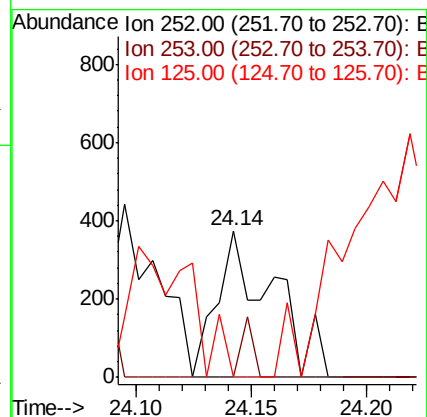
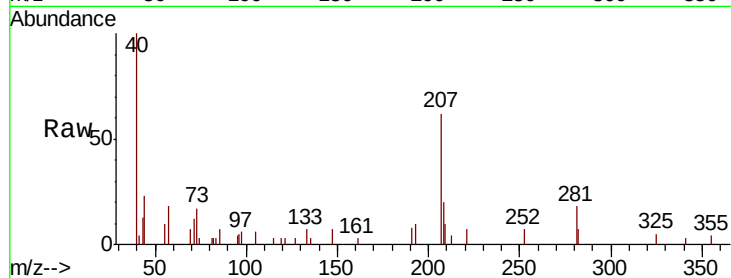
Tgt Ion:252 Resp: 628

Ion Ratio Lower Upper

252 100

253 0.0 18.2 27.2#

125 0.0 7.4 11.2#



#90

Benzo(a)pyrene

Concen: 0.050 ng

RT: 25.00 min Scan# 3730

Delta R.T. -0.04 min

Lab File: BG040017.D

Acq: 20 Mar 2019 00:37

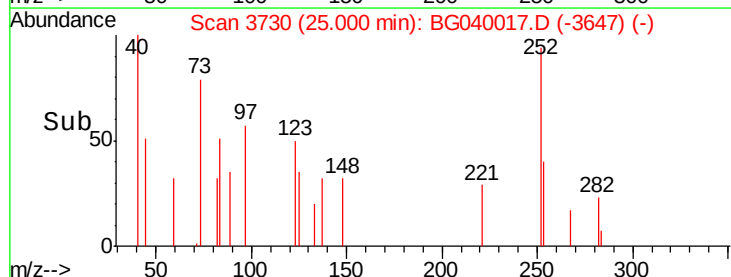
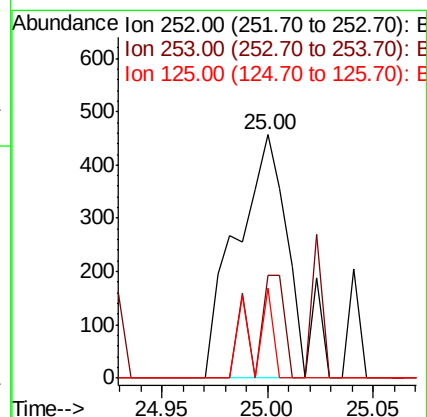
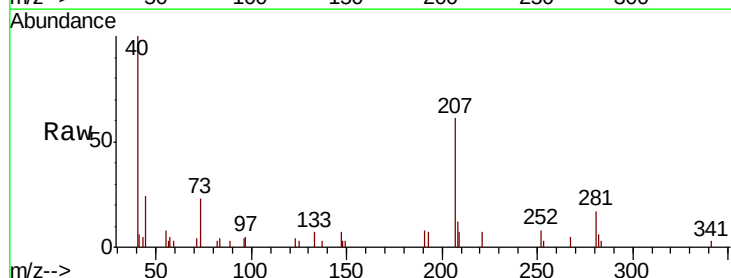
Tgt Ion:252 Resp: 804

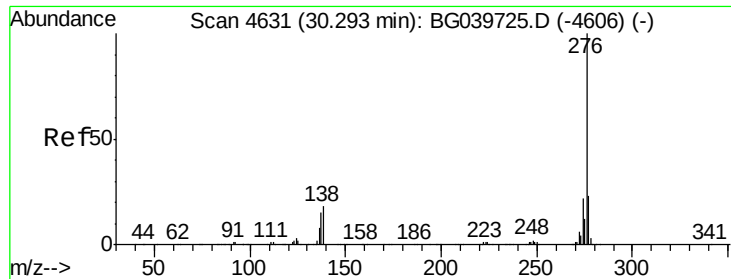
Ion Ratio Lower Upper

252 100

253 42.0 17.9 26.9#

125 36.8 8.3 12.5#





#92

Benzo(g,h,i)perylene

Concen: 0.004 ng

RT: 30.26 min Scan# 4626

Delta R.T. -0.05 min

Lab File: BG040017.D

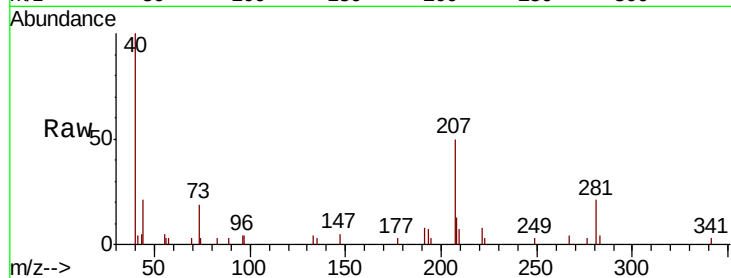
Acq: 20 Mar 2019 00:37

Instrument :

BNA_G

ClientSampleId :

SB-7(9-10)



Tgt Ion:	276	Resp:	69
Ion Ratio	Lower	Upper	
276	100		
277	0.0	19.6	29.4#
138	0.0	14.7	22.1#

