

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031919\
 Data File : BG040012.D
 Acq On : 19 Mar 2019 21:18
 Operator : JU/SJ
 Sample : K1956-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-7

Quant Time: Mar 20 04:13:02 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	36846	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	158095	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	104741	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	259049	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	279573	20.00	ng	-0.03
87) Perylene-d12	25.16	264	284229	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.69	112	219090	101.44	ng	-0.02
7) Phenol-d6	7.29	99	325933	101.21	ng	-0.02
23) Nitrobenzene-d5	9.32	82	197026	67.40	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	123352	101.04	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	456540	62.06	ng	-0.02
79) Terphenyl-d14	20.11	244	744361	58.62	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.59	88	65	0.065	ng	# 10
4) n-Nitrosodimethylamine	3.91	42	96	0.076	ng	# 1
6) Aniline	7.67	93	196	0.046	ng	# 1
9) Benzaldehyde	7.29	77	516	0.248	ng	# 4
10) Phenol	7.32	94	4162	1.193	ng	# 84
11) bis(2-Chloroethyl)ether	7.67	93	196	0.072	ng	# 1
15) Benzyl Alcohol	8.46	79	2949	1.154	ng	# 43
16) 2,2'-oxybis(1-Chloropropan	8.55	45	54	0.010	ng	# 75
19) n-Nitroso-di-n-propylamine	9.32	70	25878	11.164	ng	# 70
24) Nitrobenzene	9.32	77	623	0.203	ng	# 24
26) 2-Nitrophenol	9.63	139	56	0.038	ng	# 31
46) 1,1'-Biphenyl	13.61	154	605	0.070	ng	# 88
48) 2-Nitroaniline	13.82	65	54	0.026	ng	# 10
50) Dimethylphthalate	14.21	163	33431	3.817	ng	# 98
51) 2,6-Dinitrotoluene	14.77	165	12758	6.871	ng	# 22
52) Acenaphthene	14.77	154	412	0.064	ng	# 5
57) 2,4-Dinitrotoluene	14.77	165	12758	4.890	ng	# 17
58) Fluorene	16.26	166	4974	0.602	ng	# 90
60) Diethylphthalate	15.57	149	310	0.036	ng	# 58
63) Azobenzene	16.26	77	733	0.093	ng	# 39
65) 4,6-Dinitro-2-methylphenol	16.26	198	443	0.289	ng	# 13
66) n-Nitrosodiphenylamine	16.25	169	5276	0.704	ng	# 48
67) 4-Bromophenyl-phenylether	16.25	248	9104	3.140	ng	# 1
71) Phenanthrene	17.56	178	4188	0.294	ng	# 91
72) Anthracene	17.66	178	752	0.054	ng	# 60
73) Carbazole	17.93	167	472	0.038	ng	# 57
74) Di-n-butylphthalate	18.45	149	1550	0.105	ng	# 77
75) Fluoranthene	19.56	202	9296	0.551	ng	# 94
77) Benzidine	20.11	184	12674	1.429	ng	# 91
78) Pyrene	19.92	202	7665	0.422	ng	# 96
80) Butylbenzylphthalate	20.72	149	83	0.012	ng	# 22
81) Benzo(a)anthracene	21.85	228	3801	0.217	ng	# 93
82) 3,3'-Dichlorobenzidine	21.71	252	58	0.009	ng	# 26
83) Chrysene	21.85	228	3801	0.224	ng	# 90

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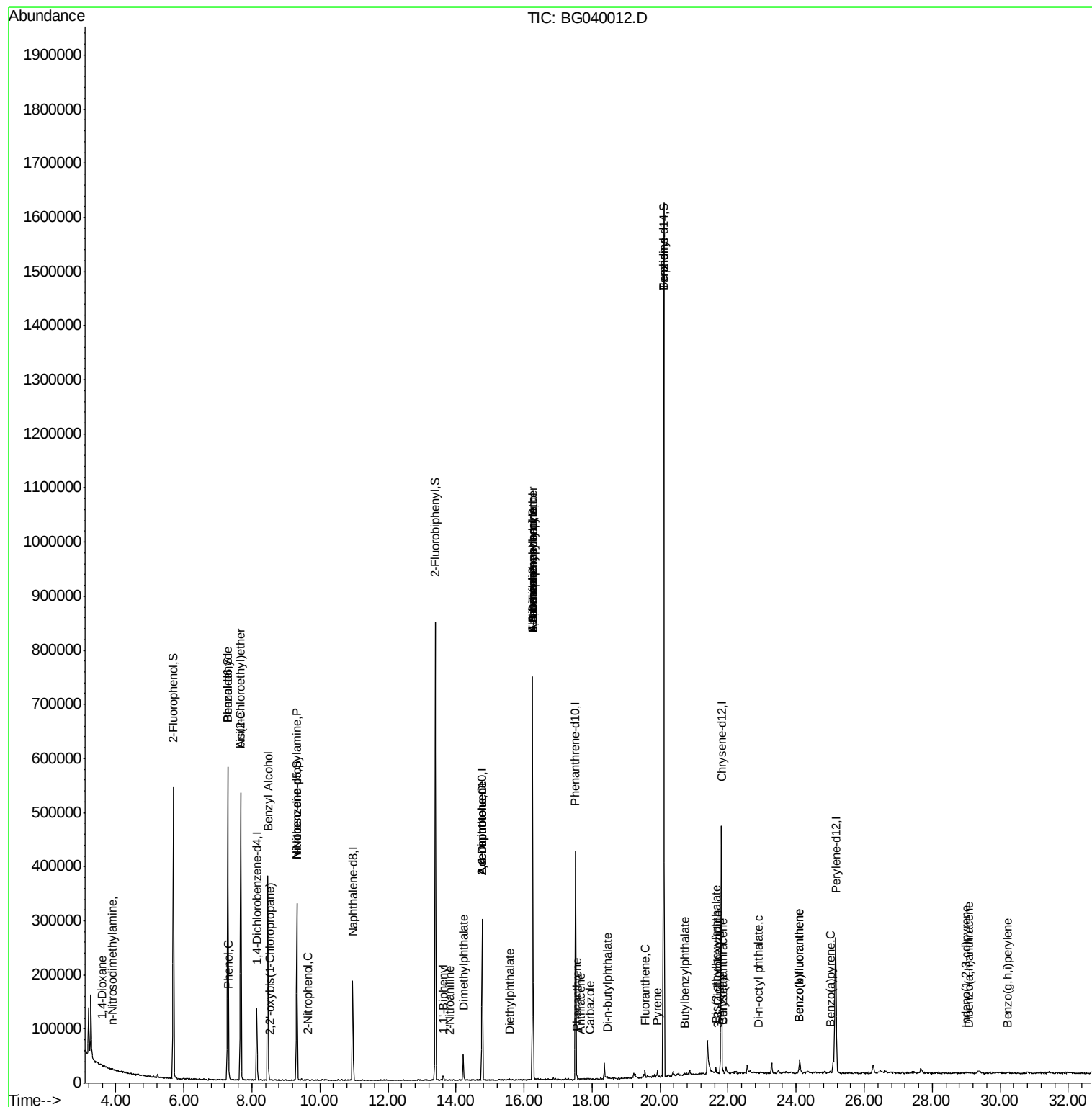
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) Bis(2-ethylhexyl)phthalate	21.64	149	4422	0.447	ng	# 98
85) Di-n-octyl phthalate	22.89	149	63	0.004	ng	# 71
86) Indeno(1,2,3-cd)pyrene	29.00	276	2392	0.124	ng	# 75
88) Benzo(b)fluoranthene	24.08	252	2749	0.162	ng	# 85
89) Benzo(k)fluoranthene	24.08	252	2749	0.174	ng	# 85
90) Benzo(a)pyrene	25.00	252	3772	0.241	ng	92
91) Dibenzo(a,h)anthracene	29.08	278	288	0.019	ng	# 56
92) Benzo(g,h,i)perylene	30.22	276	291	0.019	ng	# 54

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 860

Delta R.T. -0.03 min

Lab File: BG040012.D

Acq: 19 Mar 2019 21:18

Instrument :

BNA_G

ClientSampled :

TP-7

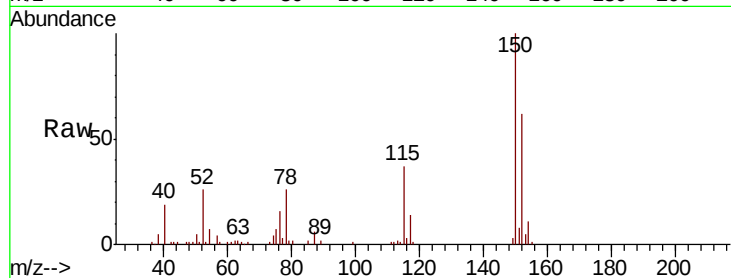
Tgt Ion:152 Resp: 36846

Ion Ratio Lower Upper

152 100

150 162.4 123.7 185.5

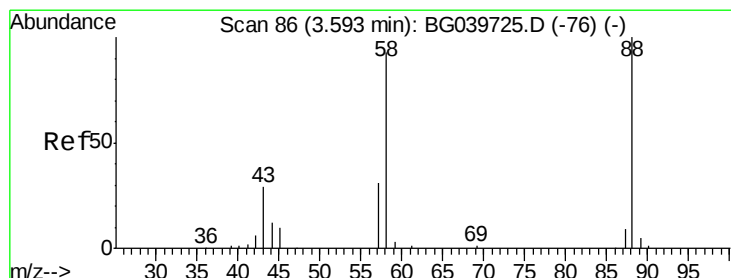
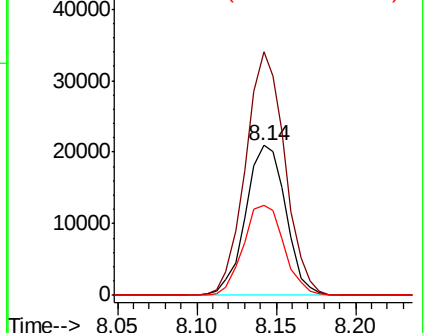
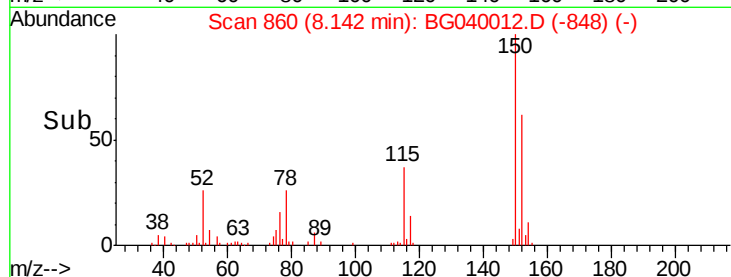
115 60.3 45.9 68.9



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: 0.065 ng

RT: 3.59 min Scan# 85

Delta R.T. -0.02 min

Lab File: BG040012.D

Acq: 19 Mar 2019 21:18

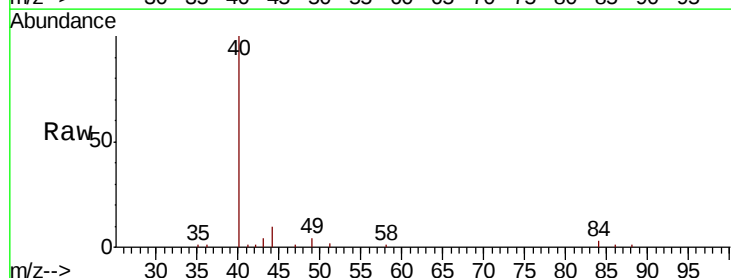
Tgt Ion: 88 Resp: 65

Ion Ratio Lower Upper

88 100

58 0.0 81.1 121.7#

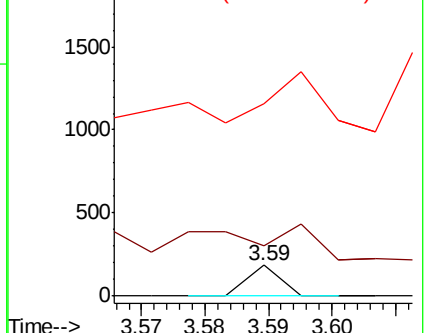
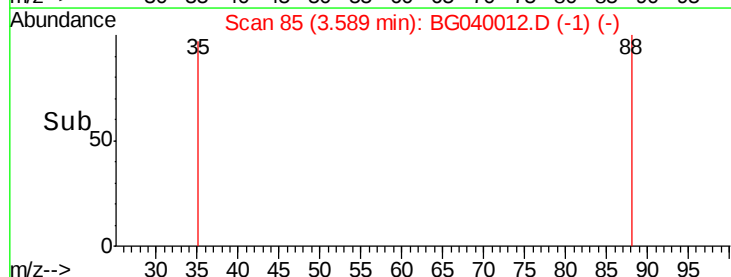
43 0.0 31.4 47.0#

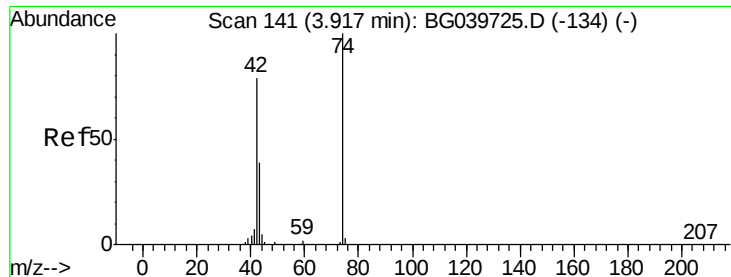


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC



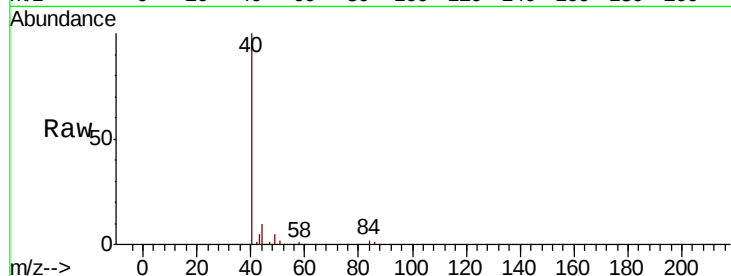


#4

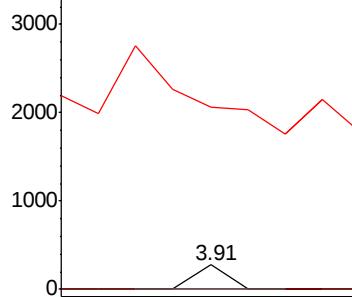
n-Nitrosodimethylamine
 Concen: 0.076 ng
 RT: 3.91 min Scan# 140
 Delta R.T. -0.02 min
 Lab File: BG040012.D
 Acq: 19 Mar 2019 21:18

Instrument :
 BNA_G
 ClientSampleId :
 TP-7

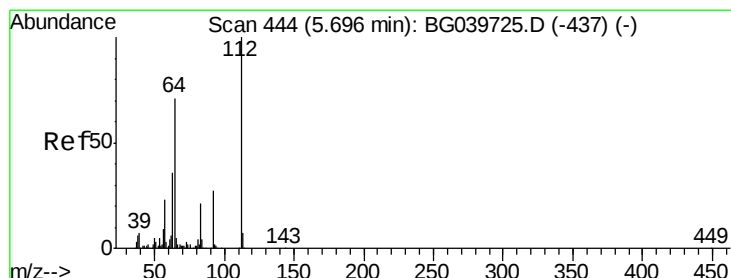
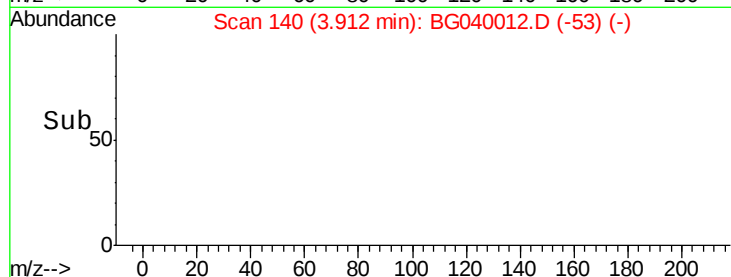
Tgt Ion: 42 Resp: 96
 Ion Ratio Lower Upper
 42 100
 74 0.0 83.6 125.4#
 44 756.8 6.9 10.3#



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



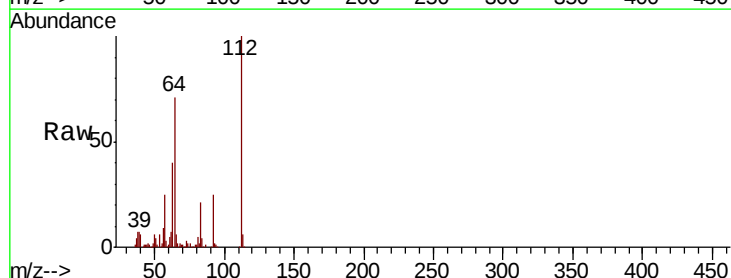
Time-->



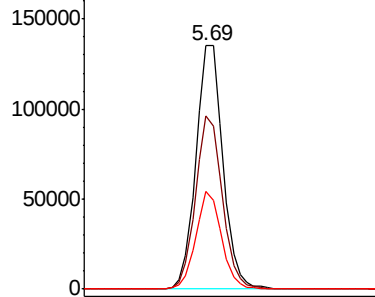
#5

2-Fluorophenol
 Concen: 101.441 ng
 RT: 5.69 min Scan# 442
 Delta R.T. -0.02 min
 Lab File: BG040012.D
 Acq: 19 Mar 2019 21:18

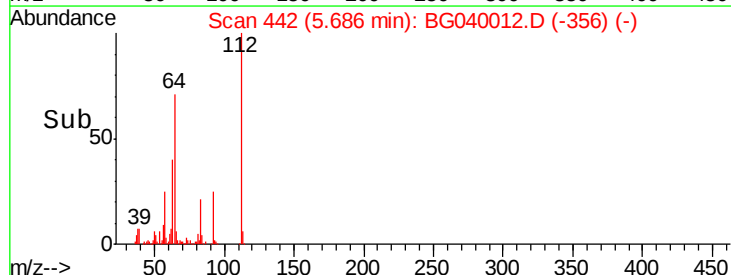
Tgt Ion: 112 Resp: 219090
 Ion Ratio Lower Upper
 112 100
 64 71.2 57.8 86.8
 63 39.9 29.8 44.6

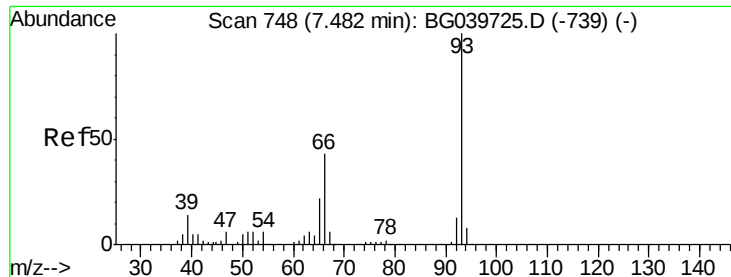


Abundance Ion 112.00 (111.70 to 112.70): BGC
 Ion 64.00 (63.70 to 64.70): BGC
 Ion 63.00 (62.70 to 63.70): BGC



Time-->





#6

Aniline

Concen: 0.046 ng

RT: 7.67 min Scan# 779

Delta R.T. 0.17 min

Lab File: BG040012.D

Acq: 19 Mar 2019 21:18

Instrument :

BNA_G

ClientSampleId :

TP-7

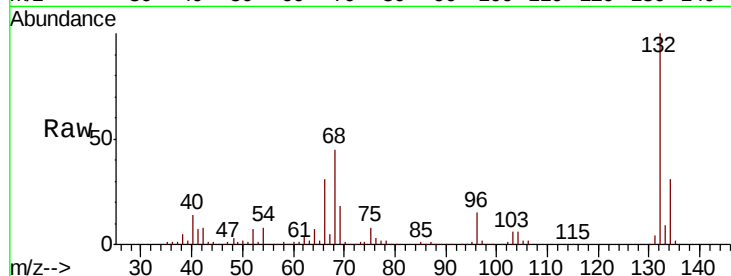
Tgt Ion: 93 Resp: 196

Ion Ratio Lower Upper

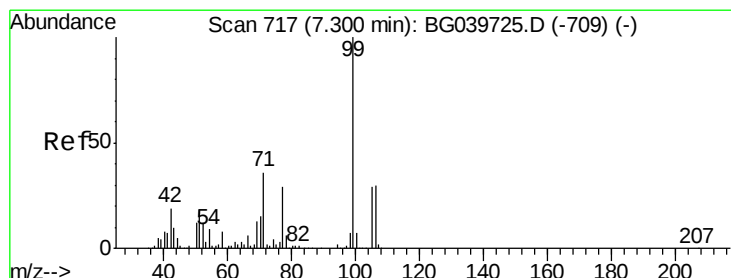
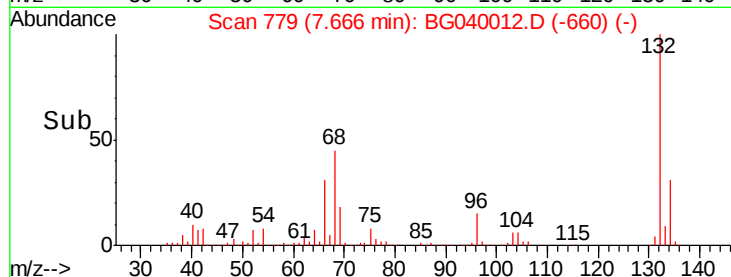
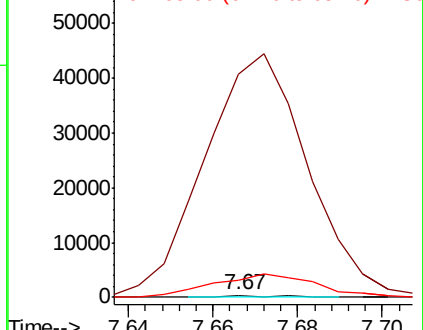
93 100

66 13387.5 34.2 51.4#

65 1049.5 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: 101.210 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040012.D

Acq: 19 Mar 2019 21:18

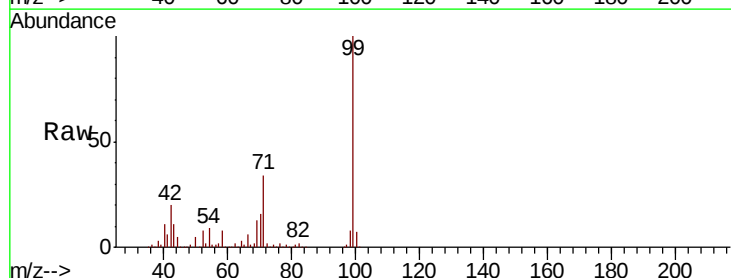
Tgt Ion: 99 Resp: 325933

Ion Ratio Lower Upper

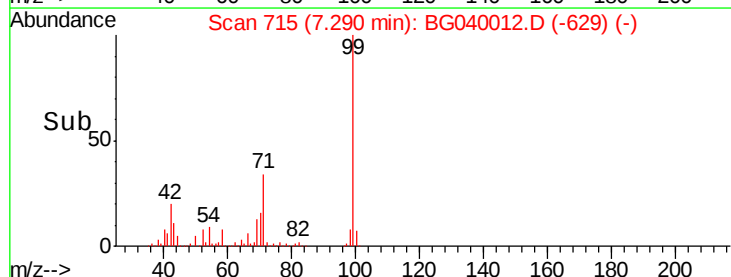
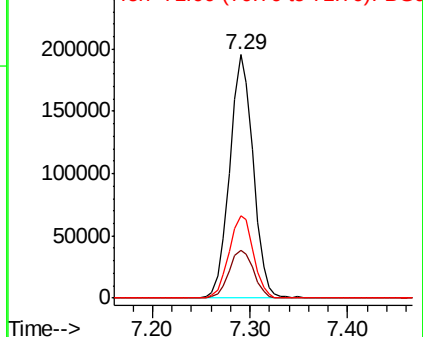
99 100

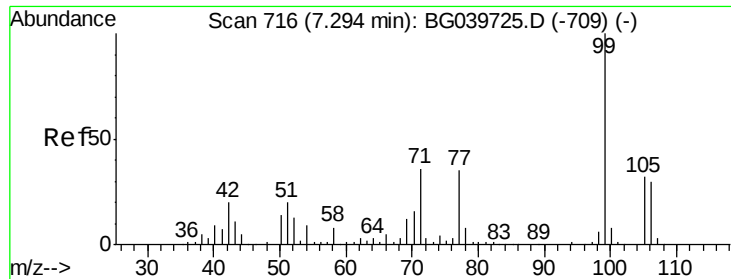
42 19.6 18.2 27.2

71 34.0 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC





#9

Benzaldehyde

Concen: 0.248 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040012.D

Acq: 19 Mar 2019 21:18

Instrument :

BNA_G

ClientSampled :

TP-7

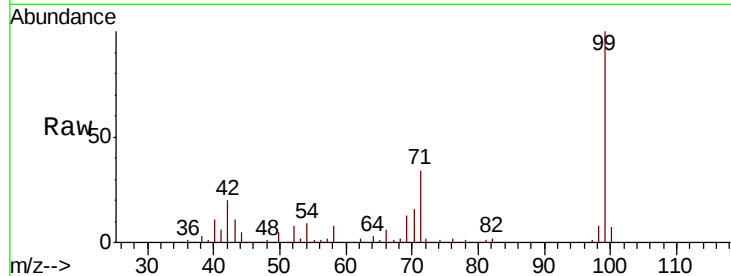
Tgt Ion: 77 Resp: 516

Ion Ratio Lower Upper

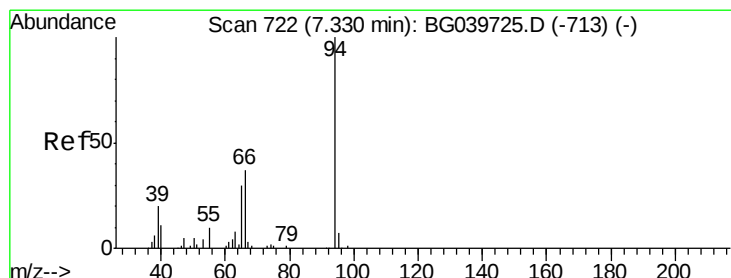
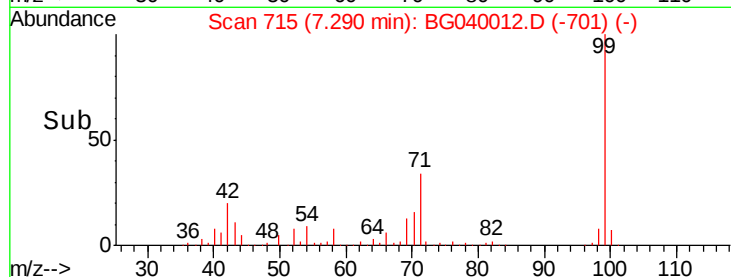
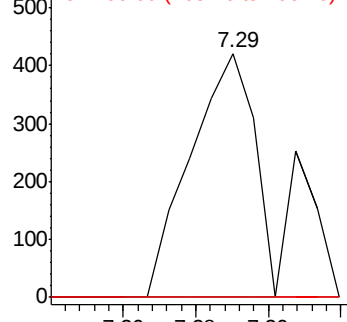
77 100

105 0.0 74.5 114.5#

106 0.0 68.0 108.0#



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



#10

Phenol

Concen: 1.193 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BG040012.D

Acq: 19 Mar 2019 21:18

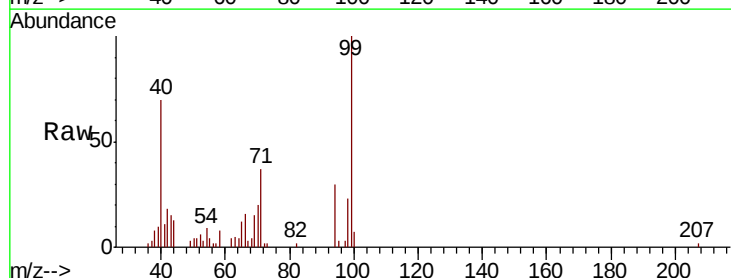
Tgt Ion: 94 Resp: 4162

Ion Ratio Lower Upper

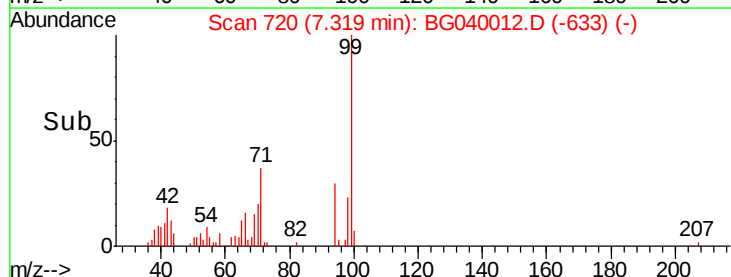
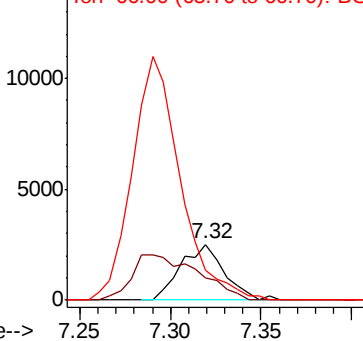
94 100

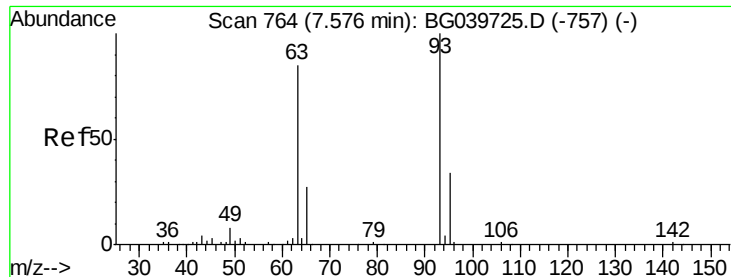
65 40.4 11.7 51.7

66 54.6 23.7 63.7



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

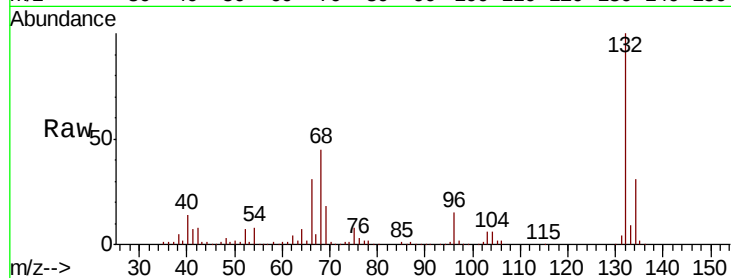




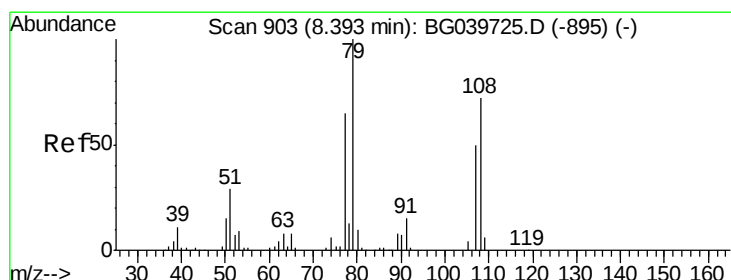
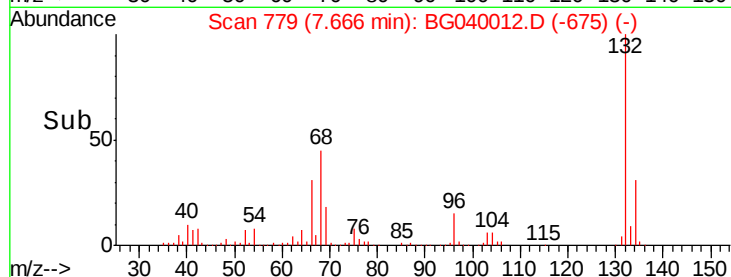
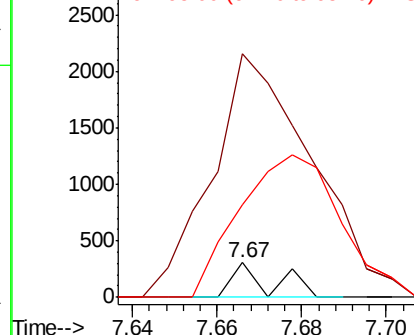
#11
bis(2-Chloroethyl)ether
Concen: 0.072 ng
RT: 7.67 min Scan# 779
Delta R.T. 0.08 min
Lab File: BG040012.D
Acq: 19 Mar 2019 21:18

Instrument :
BNA_G
ClientSampleId :
TP-7

Tgt Ion: 93 Resp: 196
Ion Ratio Lower Upper
93 100
63 706.6 69.5 109.5#
95 267.9 12.7 52.7#

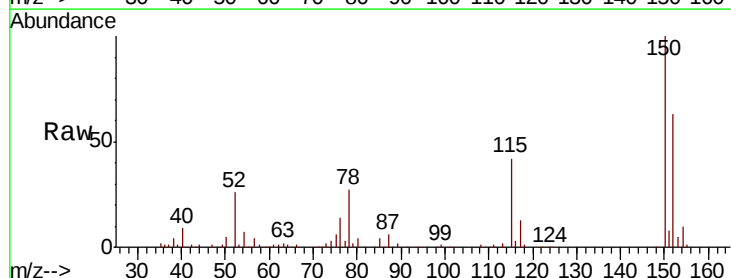


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

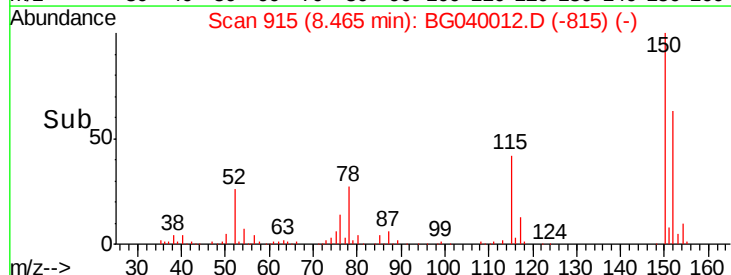
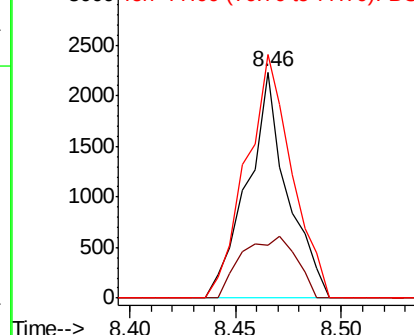


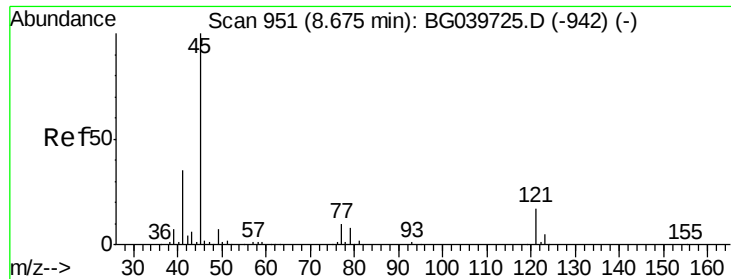
#15
Benzyl Alcohol
Concen: 1.154 ng
RT: 8.46 min Scan# 915
Delta R.T. 0.06 min
Lab File: BG040012.D
Acq: 19 Mar 2019 21:18

Tgt Ion: 79 Resp: 2949
Ion Ratio Lower Upper
79 100
108 23.5 57.8 86.6#
77 107.9 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

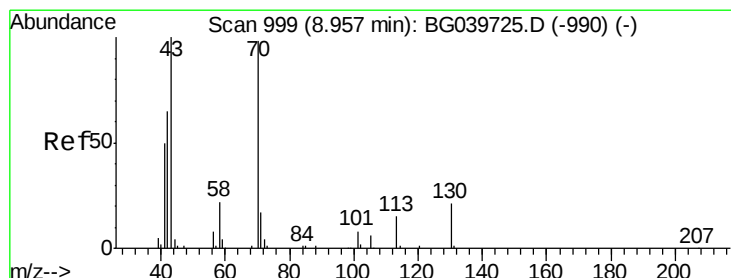
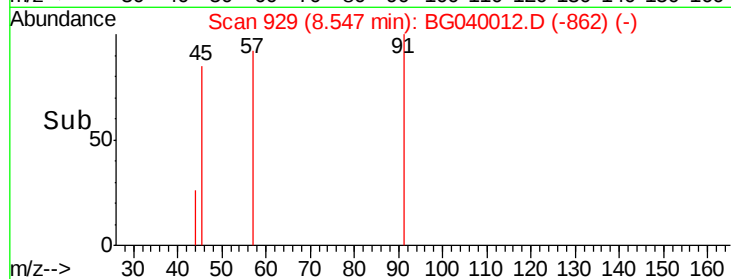
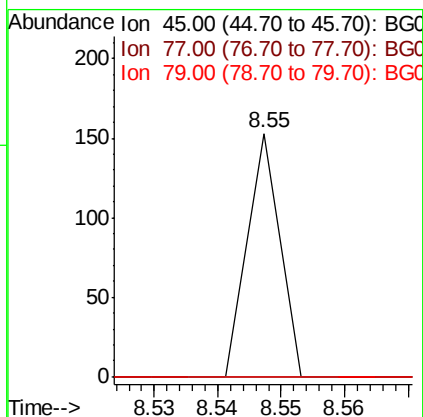
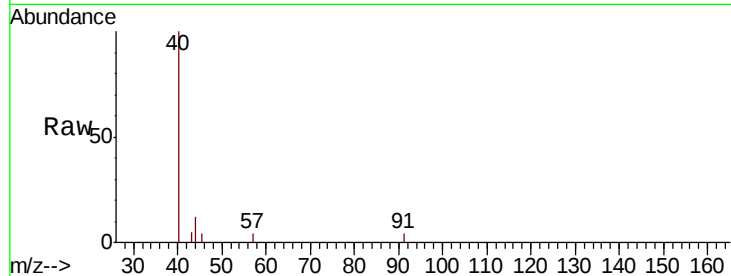




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.010 ng
RT: 8.55 min Scan# 929
Delta R.T. -0.13 min
Lab File: BG040012.D
Acq: 19 Mar 2019 21:18

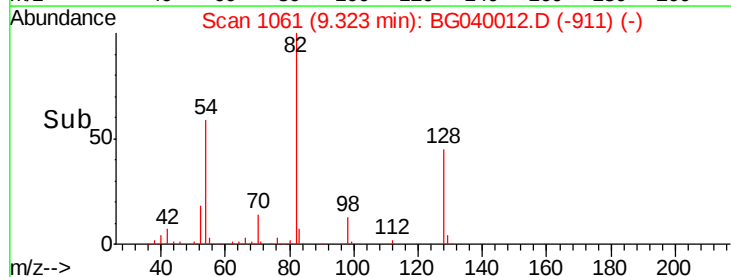
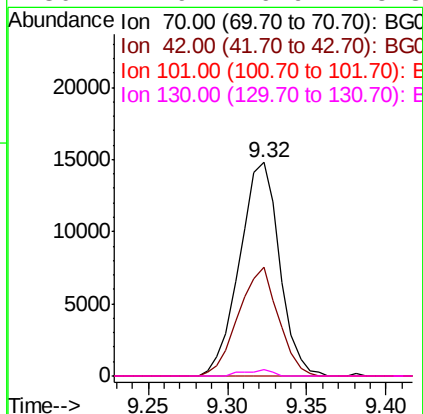
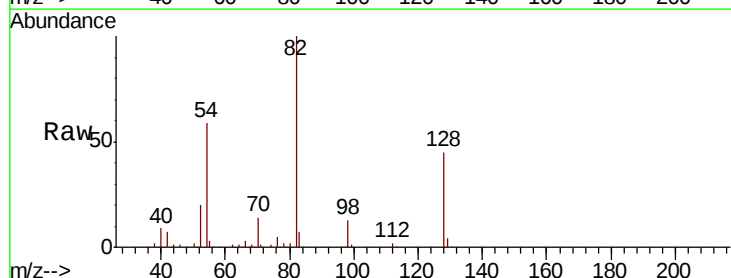
Instrument :
BNA_G
ClientSampleId :
TP-7

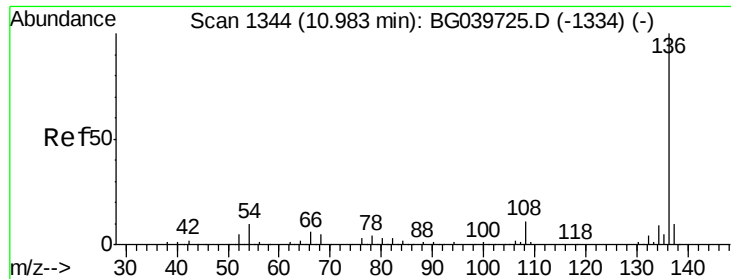
Tgt Ion:	45	Resp:	54
Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	30.0
79	0.0	0.0	27.5



#19
n-Nitroso-di-n-propylamine
Concen: 11.164 ng
RT: 9.32 min Scan# 1061
Delta R.T. 0.35 min
Lab File: BG040012.D
Acq: 19 Mar 2019 21:18

Tgt Ion:	70	Resp:	25878
Ion	Ratio	Lower	Upper
70	100		
42	51.0	60.4	90.6#
101	0.0	7.5	11.3#
130	2.9	16.9	25.3#

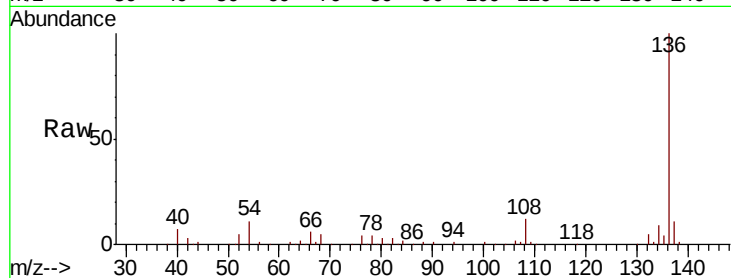




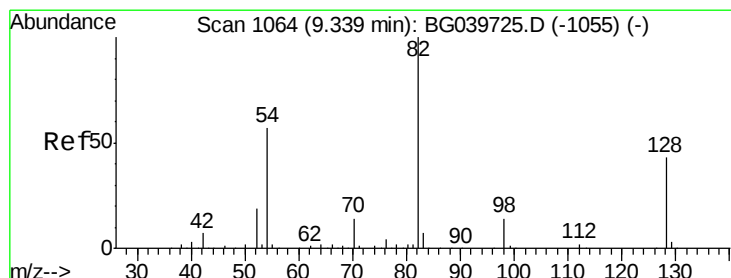
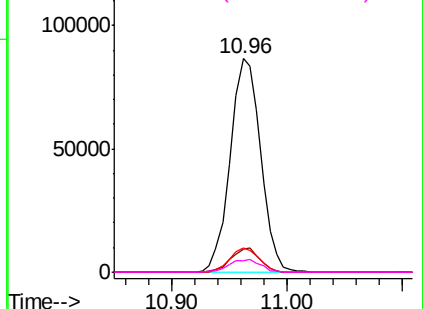
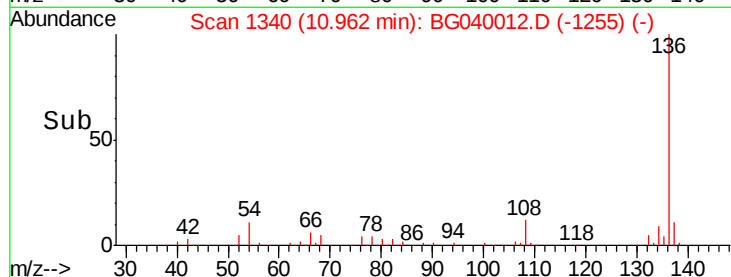
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BG040012.D
Acq: 19 Mar 2019 21:18

Instrument :
BNA_G
ClientSampleId :
TP-7

Tgt Ion:	136	Resp:	158095
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	11.4	9.4	14.2
68	5.3	4.2	6.4

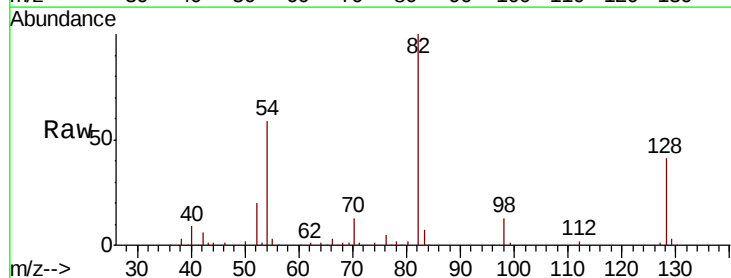


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

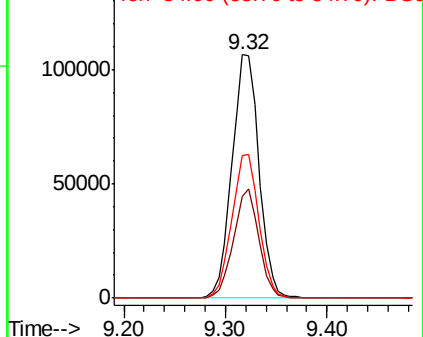
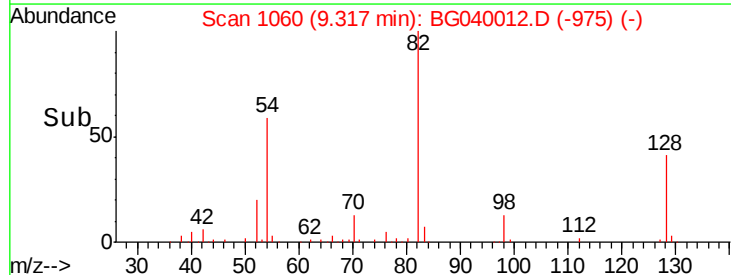


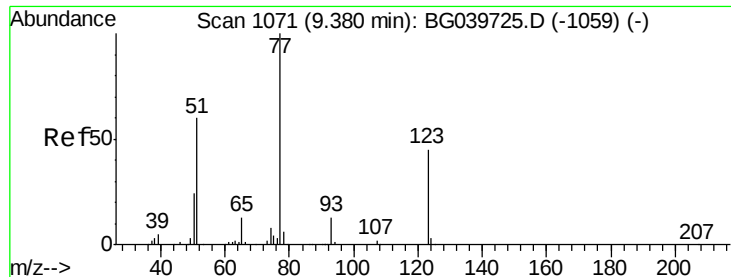
#23
Nitrobenzene-d5
Concen: 67.402 ng
RT: 9.32 min Scan# 1060
Delta R.T. -0.03 min
Lab File: BG040012.D
Acq: 19 Mar 2019 21:18

Tgt Ion:	82	Resp:	197026
Ion	Ratio	Lower	Upper
82	100		
128	41.5	31.3	46.9
54	58.7	50.9	76.3



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

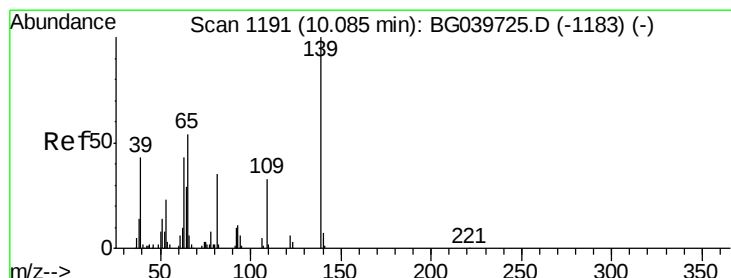
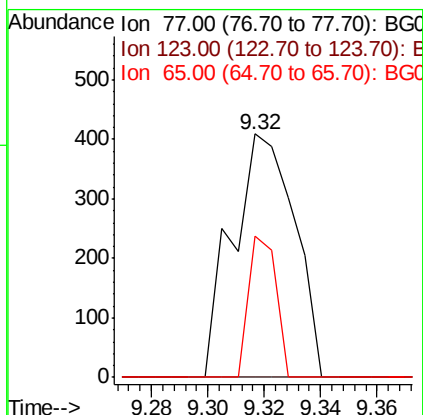
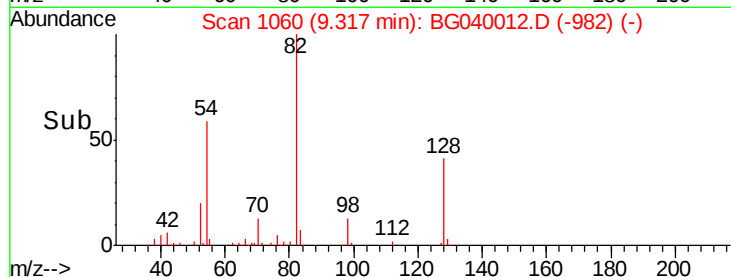
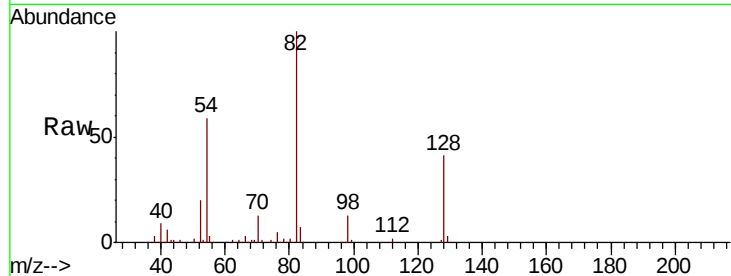




#24
Nitrobenzene
Concen: 0.203 ng
RT: 9.32 min Scan# 1060
Delta R.T. -0.07 min
Lab File: BG040012.D
Acq: 19 Mar 2019 21:18

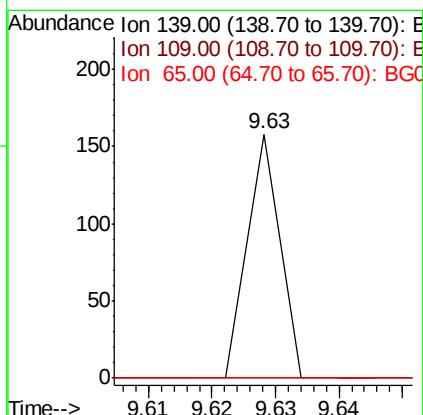
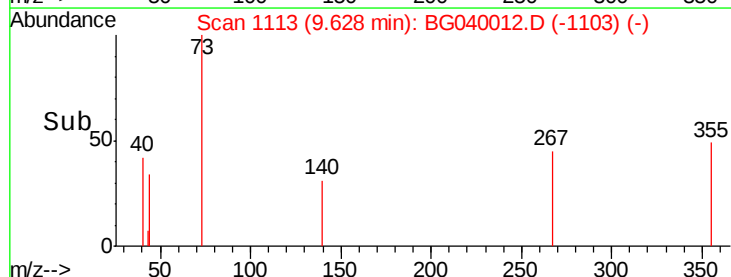
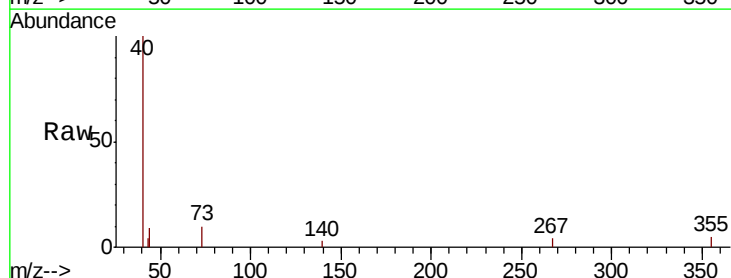
Instrument :
BNA_G
ClientSampled :
TP-7

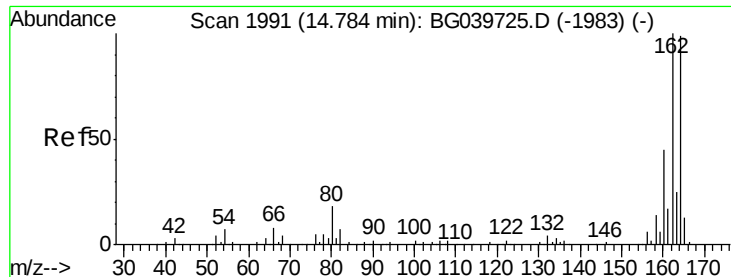
Tgt Ion: 77 Resp: 623
Ion Ratio Lower Upper
77 100
123 0.0 34.1 51.1#
65 58.2 12.3 18.5#



#26
2-Nitrophenol
Concen: 0.038 ng
RT: 9.63 min Scan# 1113
Delta R.T. -0.47 min
Lab File: BG040012.D
Acq: 19 Mar 2019 21:18

Tgt Ion: 139 Resp: 56
Ion Ratio Lower Upper
139 100
109 0.0 23.4 35.0#
65 0.0 44.3 66.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BG040012.D

Acq: 19 Mar 2019 21:18

Instrument :

BNA_G

ClientSampleId :

TP-7

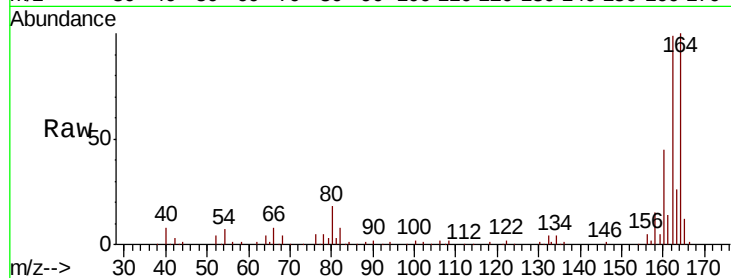
Tgt Ion:164 Resp: 104741

Ion Ratio Lower Upper

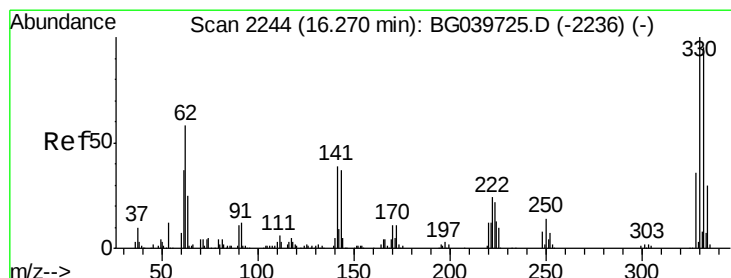
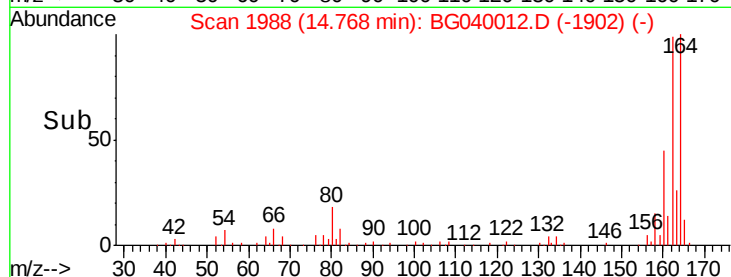
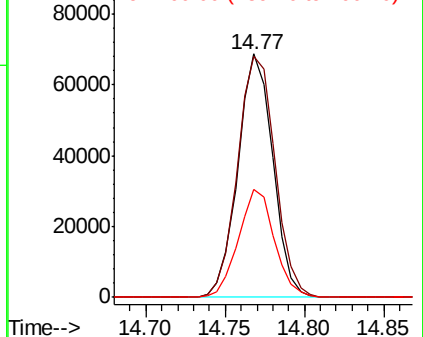
164 100

162 99.1 81.6 122.4

160 44.5 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: 101.039 ng

RT: 16.25 min Scan# 2241

Delta R.T. -0.02 min

Lab File: BG040012.D

Acq: 19 Mar 2019 21:18

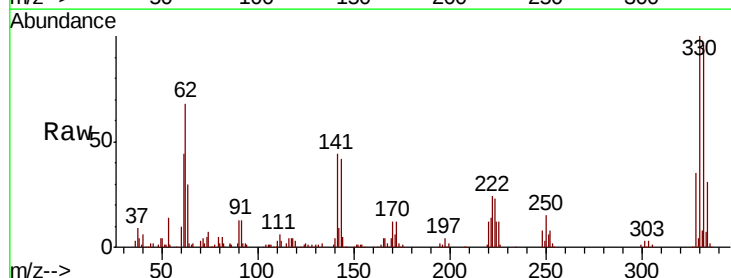
Tgt Ion:330 Resp: 123352

Ion Ratio Lower Upper

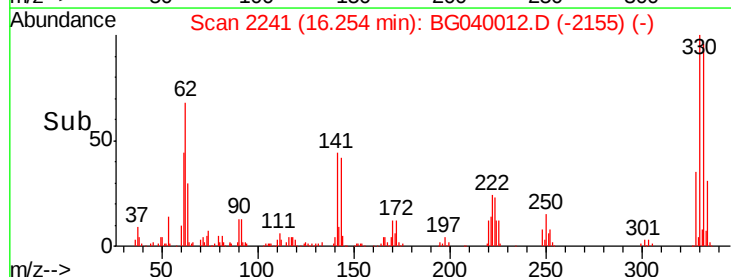
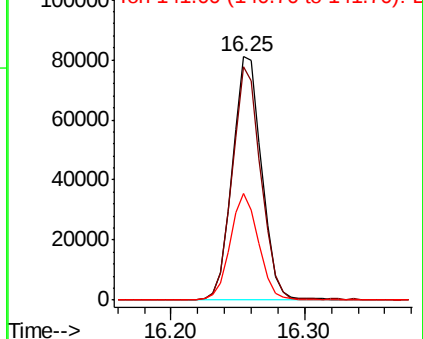
330 100

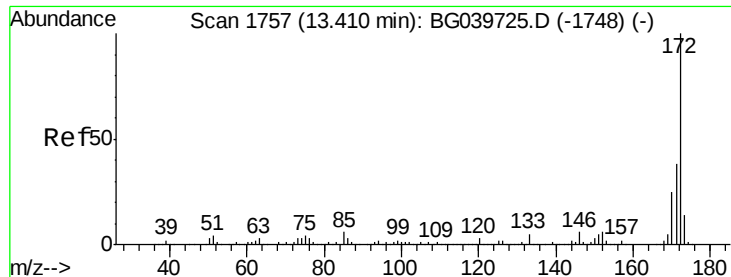
332 94.6 75.7 113.5

141 42.7 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

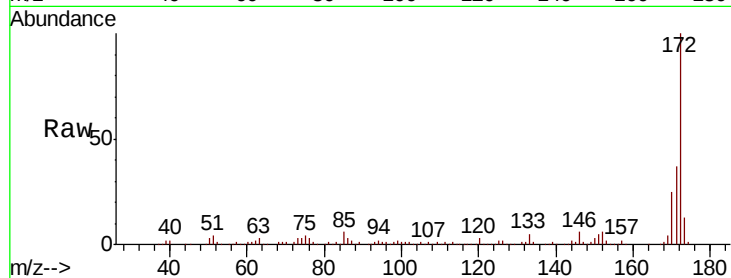




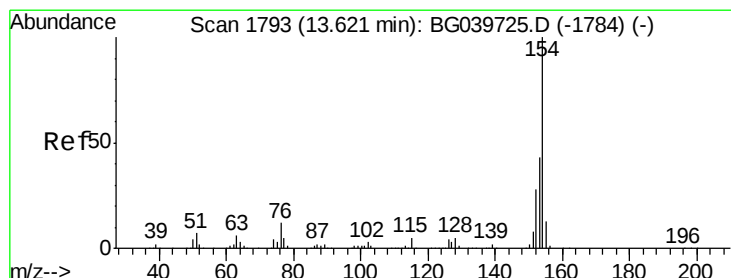
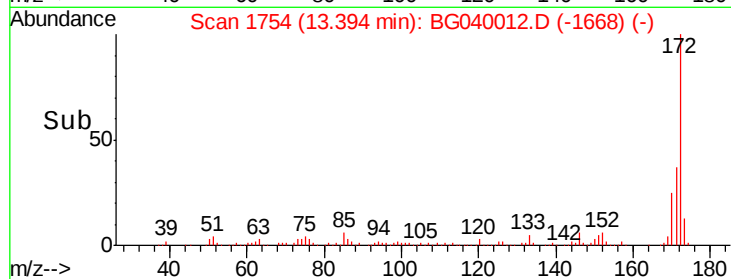
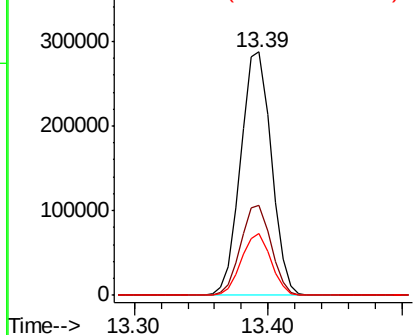
#45
 2-Fluorobiphenyl
 Concen: 62.061 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG040012.D
 Acq: 19 Mar 2019 21:18

Instrument :
 BNA_G
 ClientSampleId :
 TP-7

Tgt Ion:172 Resp: 456540
 Ion Ratio Lower Upper
 172 100
 171 36.7 30.8 46.2
 170 25.3 20.2 30.4

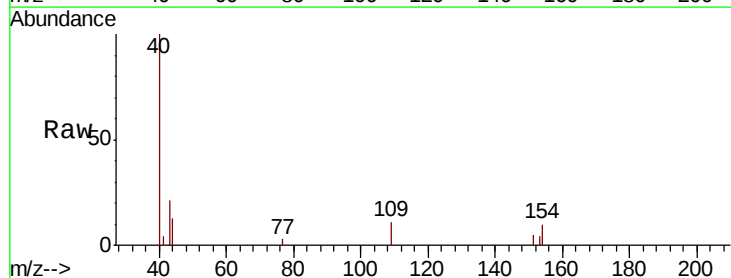


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

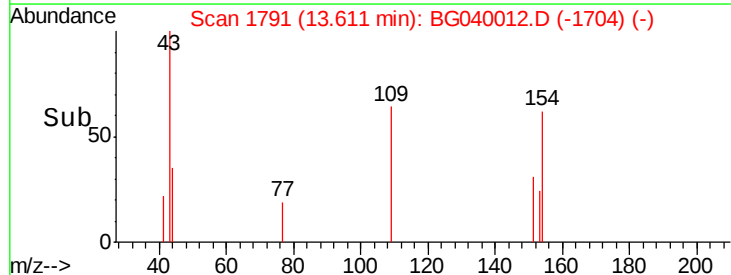
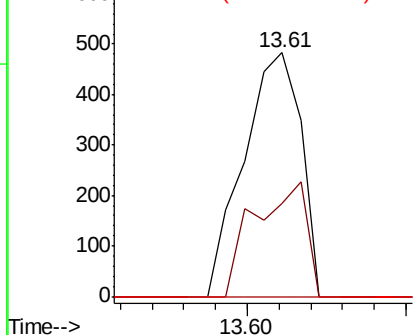


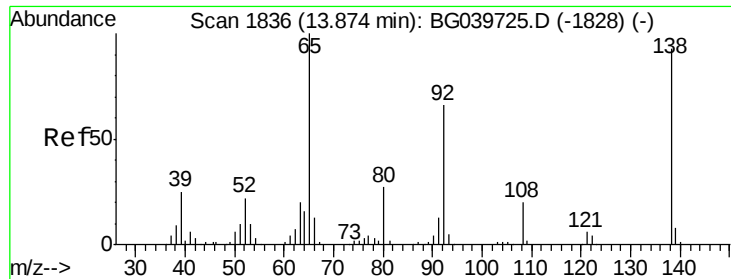
#46
 1,1'-Biphenyl
 Concen: 0.070 ng
 RT: 13.61 min Scan# 1791
 Delta R.T. -0.02 min
 Lab File: BG040012.D
 Acq: 19 Mar 2019 21:18

Tgt Ion:154 Resp: 605
 Ion Ratio Lower Upper
 154 100
 153 38.1 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

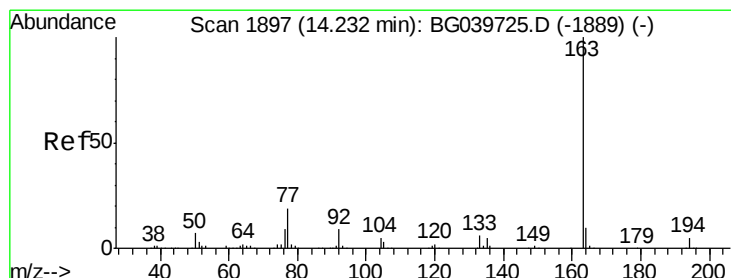
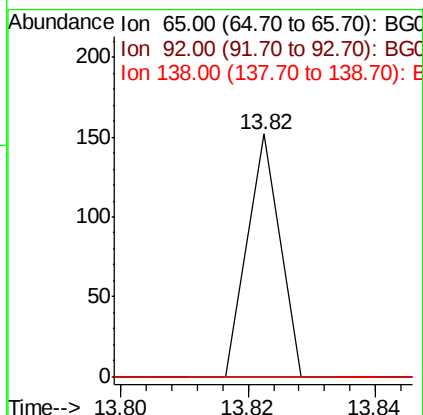
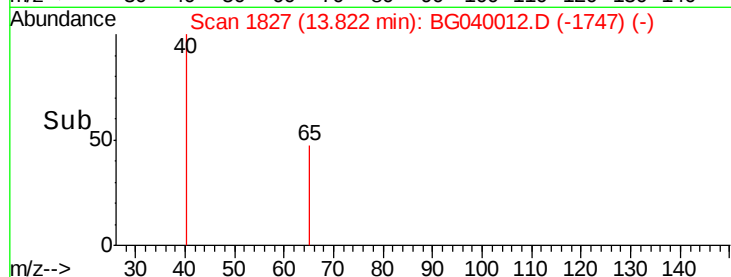
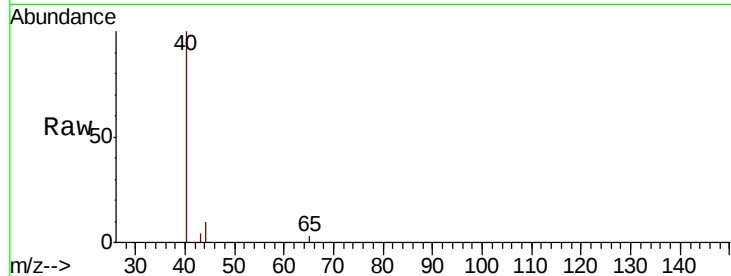




#48
 2-Nitroaniline
 Concen: 0.026 ng
 RT: 13.82 min Scan# 1827
 Delta R.T. -0.06 min
 Lab File: BG040012.D
 Acq: 19 Mar 2019 21:18

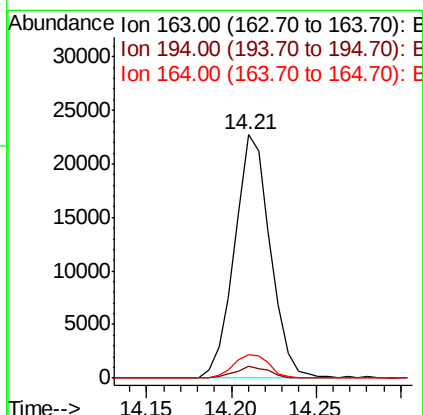
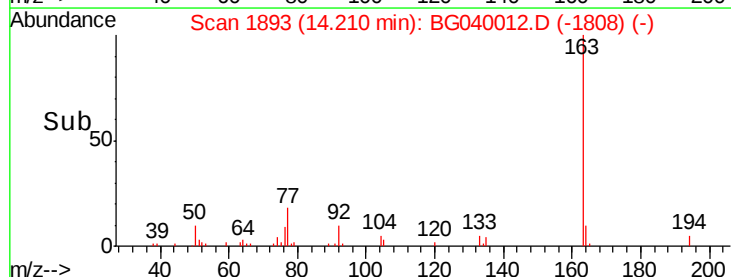
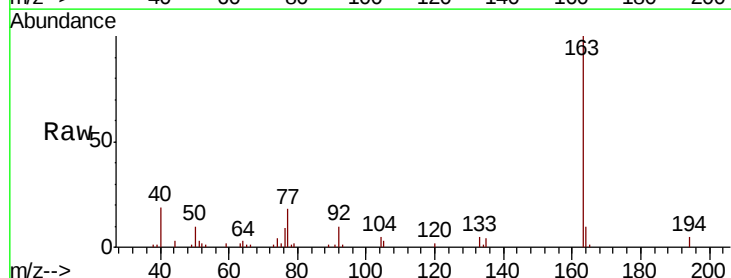
Instrument :
 BNA_G
 ClientSampleId :
 TP-7

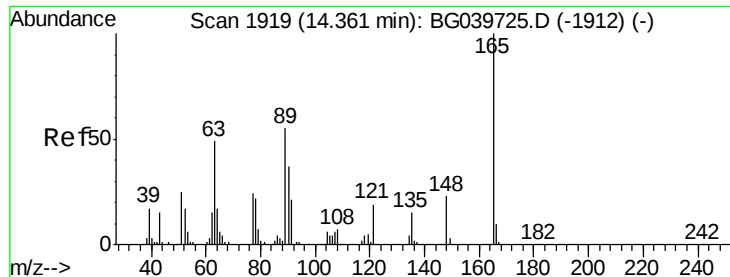
Tgt Ion: 65 Resp: 54
 Ion Ratio Lower Upper
 65 100
 92 0.0 51.4 77.2#
 138 0.0 71.4 107.2#



#50
 Dimethylphthalate
 Concen: 3.817 ng
 RT: 14.21 min Scan# 1893
 Delta R.T. -0.03 min
 Lab File: BG040012.D
 Acq: 19 Mar 2019 21:18

Tgt Ion: 163 Resp: 33431
 Ion Ratio Lower Upper
 163 100
 194 4.8 3.6 5.4
 164 9.6 8.4 12.6

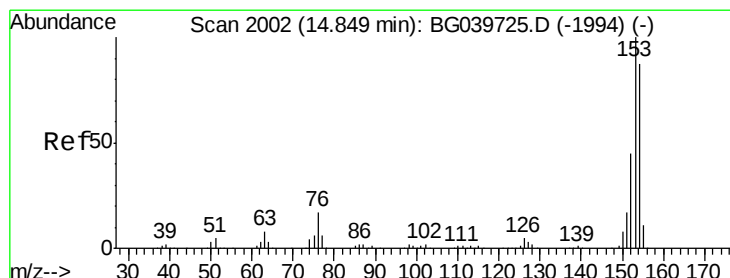
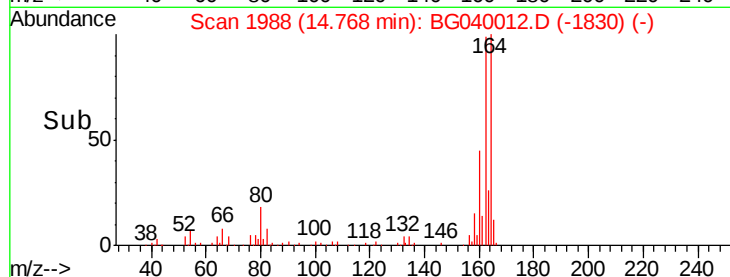
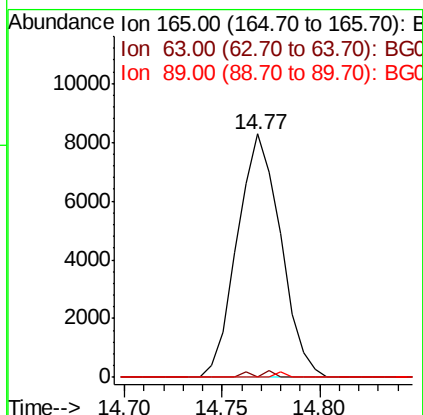
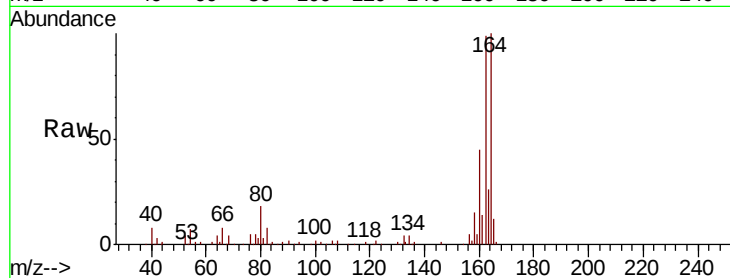




#51
 2,6-Dinitrotoluene
 Concen: 6.871 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. 0.40 min
 Lab File: BG040012.D
 Acq: 19 Mar 2019 21:18

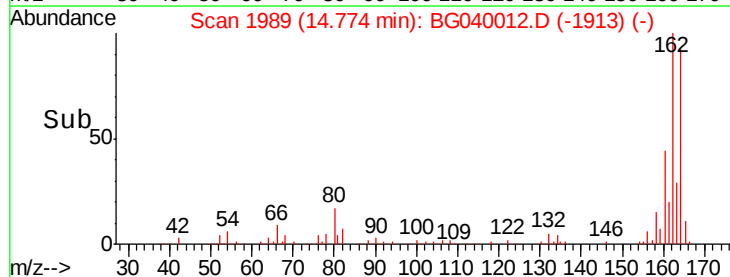
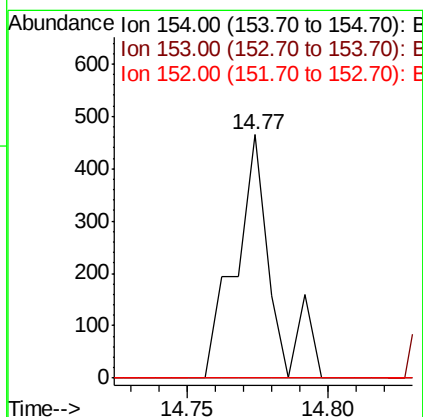
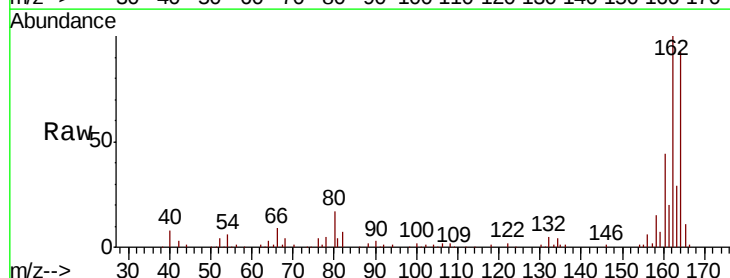
Instrument :
 BNA_G
 ClientSampled :
 TP-7

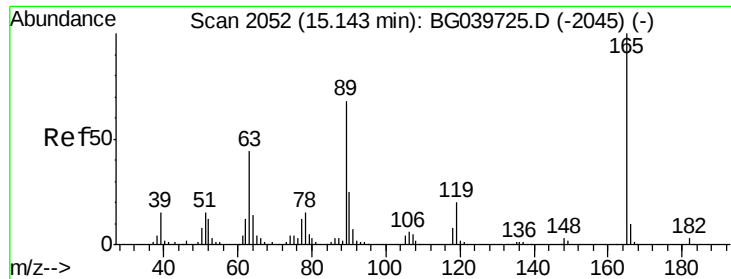
Tgt Ion:165 Resp: 12758
 Ion Ratio Lower Upper
 165 100
 63 0.0 47.0 70.6#
 89 0.0 45.8 68.8#



#52
 Acenaphthene
 Concen: 0.064 ng
 RT: 14.77 min Scan# 1989
 Delta R.T. -0.08 min
 Lab File: BG040012.D
 Acq: 19 Mar 2019 21:18

Tgt Ion:154 Resp: 412
 Ion Ratio Lower Upper
 154 100
 153 0.0 90.1 135.1#
 152 0.0 40.9 61.3#





#57

2,4-Dinitrotoluene

Concen: 4.890 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.38 min

Lab File: BG040012.D

Acq: 19 Mar 2019 21:18

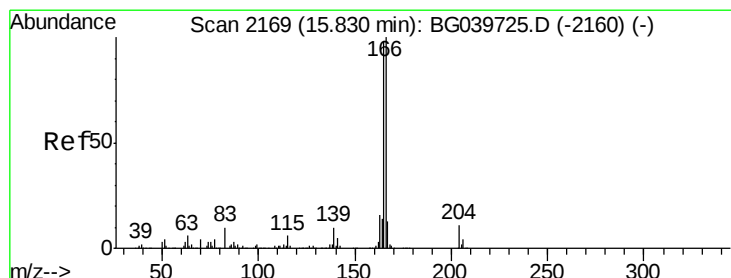
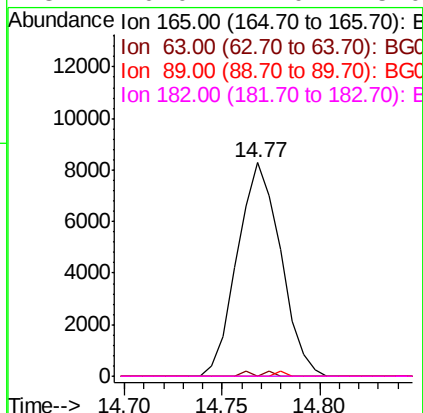
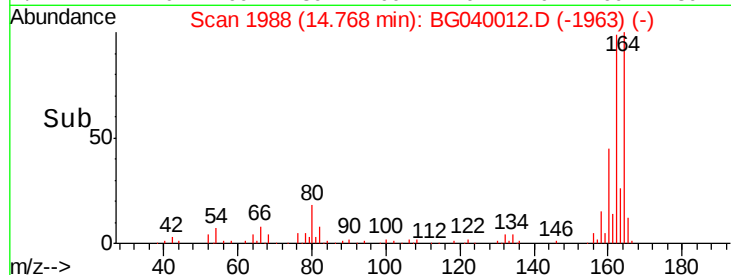
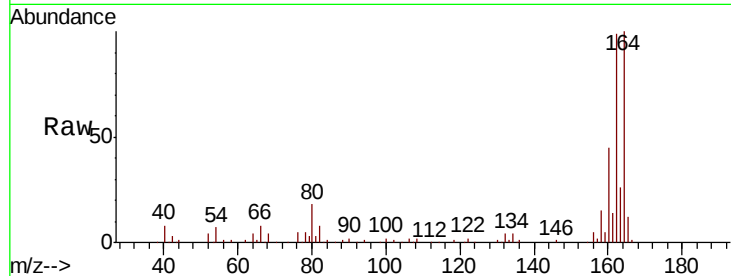
Instrument :

BNA_G

ClientSampleId :

TP-7

Tgt Ion:	165	Resp:	12758
Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.0	61.6#
89	0.0	64.6	96.8#
182	0.0	2.0	3.0#



#58

Fluorene

Concen: 0.602 ng

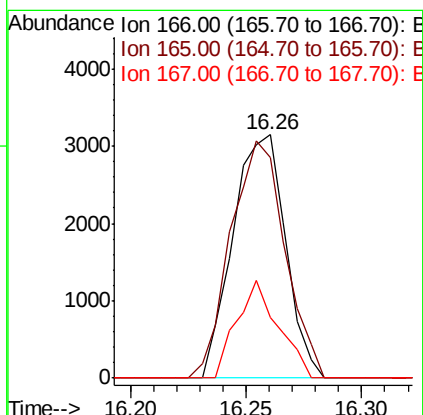
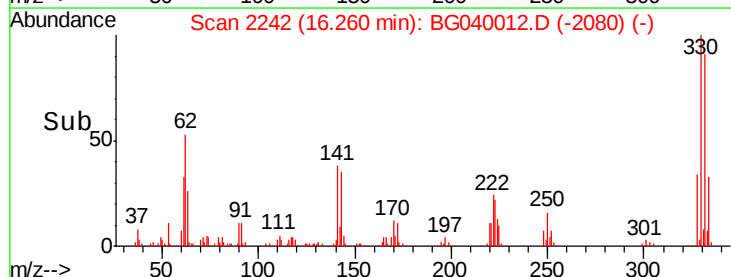
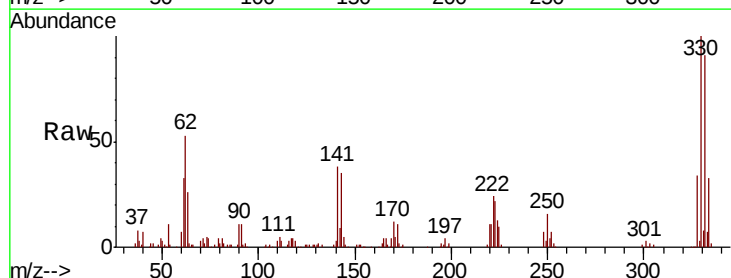
RT: 16.26 min Scan# 2242

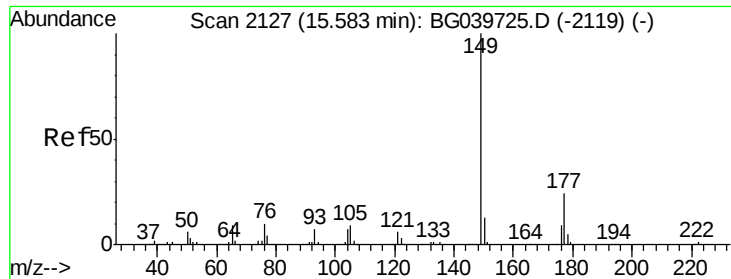
Delta R.T. 0.42 min

Lab File: BG040012.D

Acq: 19 Mar 2019 21:18

Tgt Ion:	166	Resp:	4974
Ion	Ratio	Lower	Upper
166	100		
165	90.4	77.9	116.9
167	24.9	10.8	16.2#

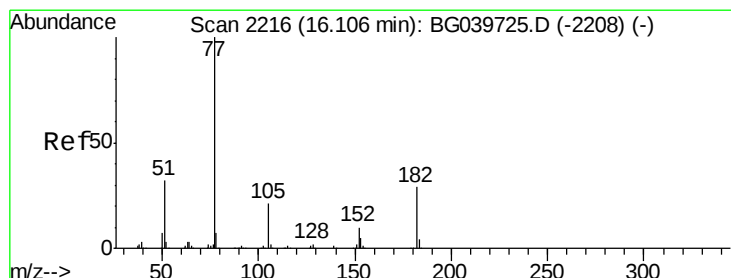
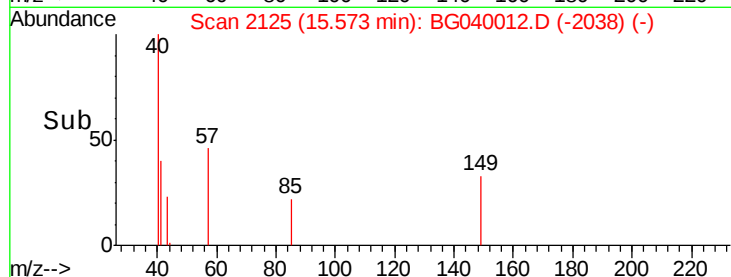
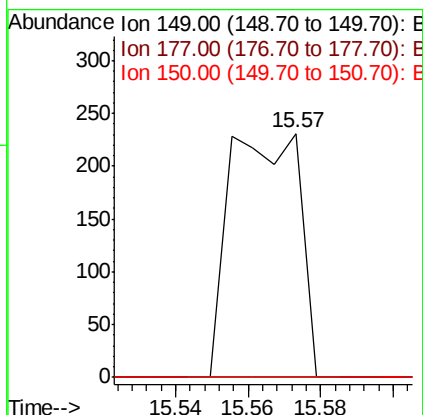
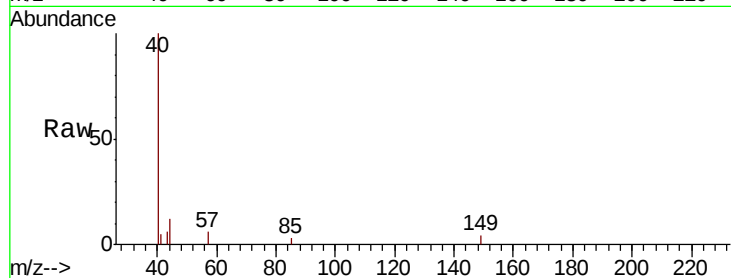




#60
Diethylphthalate
Concen: 0.036 ng
RT: 15.57 min Scan# 2125
Delta R.T. -0.02 min
Lab File: BG040012.D
Acq: 19 Mar 2019 21:18

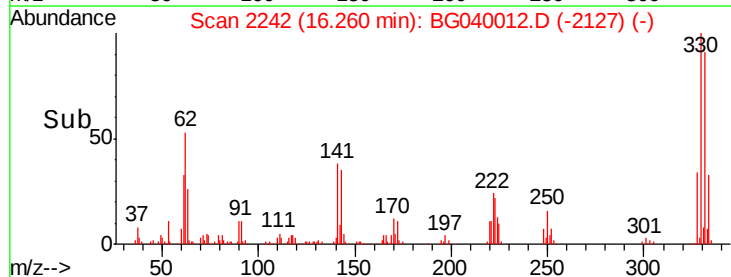
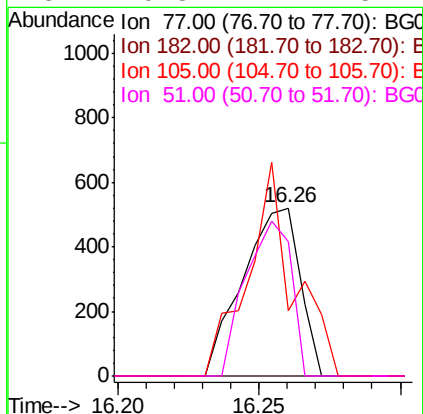
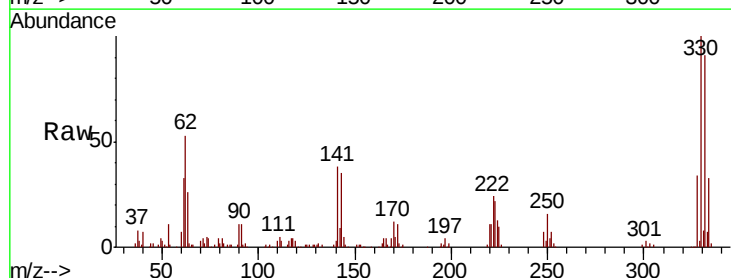
Instrument :
BNA_G
ClientSampleId :
TP-7

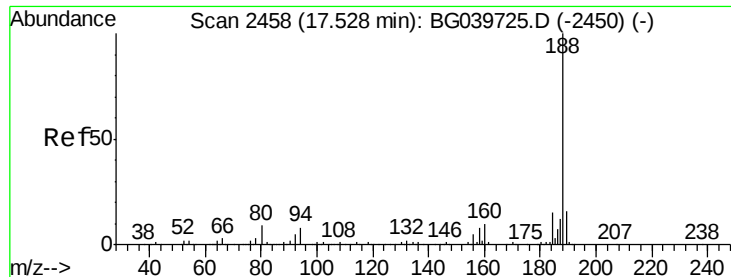
Tgt Ion: 149 Resp: 310
Ion Ratio Lower Upper
149 100
177 0.0 18.3 27.5#
150 0.0 10.2 15.2#



#63
Azobenzene
Concen: 0.093 ng
RT: 16.26 min Scan# 2242
Delta R.T. 0.15 min
Lab File: BG040012.D
Acq: 19 Mar 2019 21:18

Tgt Ion: 77 Resp: 733
Ion Ratio Lower Upper
77 100
182 0.0 6.4 46.4#
105 38.7 0.0 39.8
51 79.8 14.1 54.1#

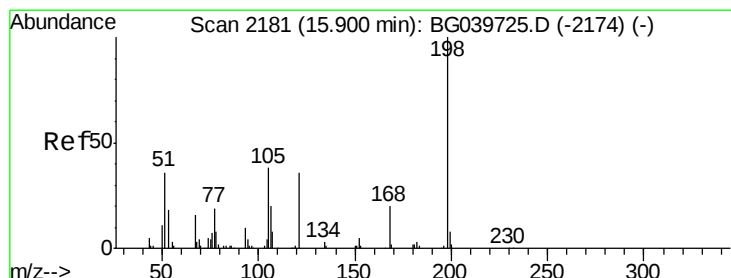
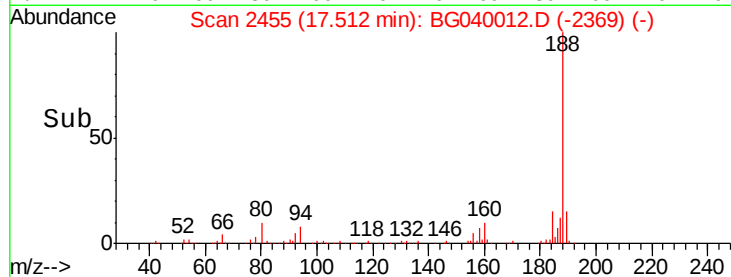
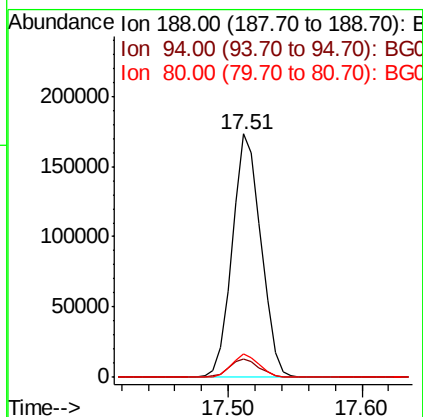
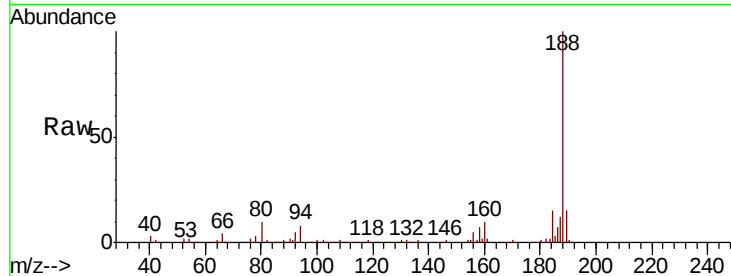




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BG040012.D
Acq: 19 Mar 2019 21:18

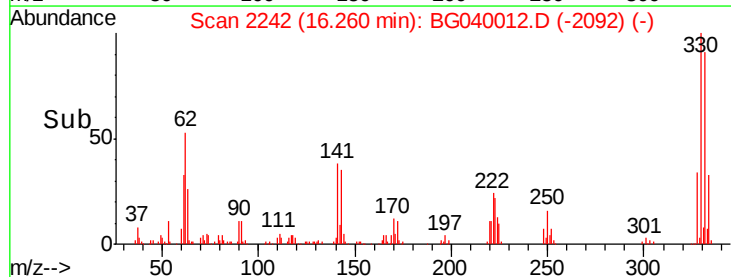
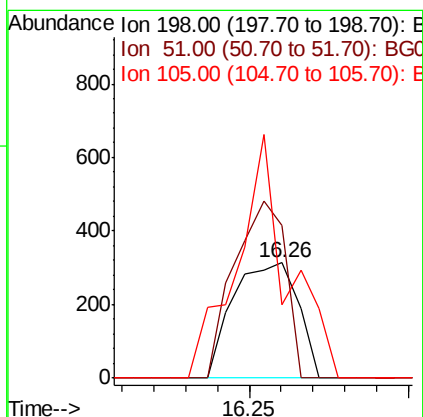
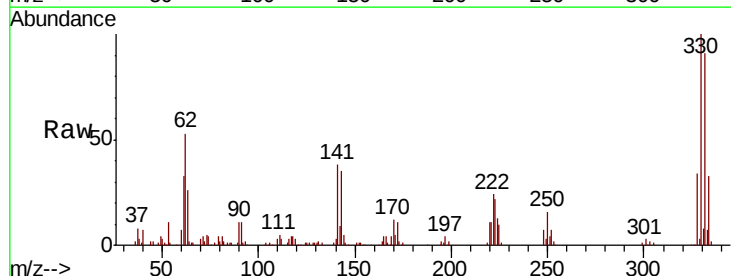
Instrument :
BNA_G
ClientSampleId :
TP-7

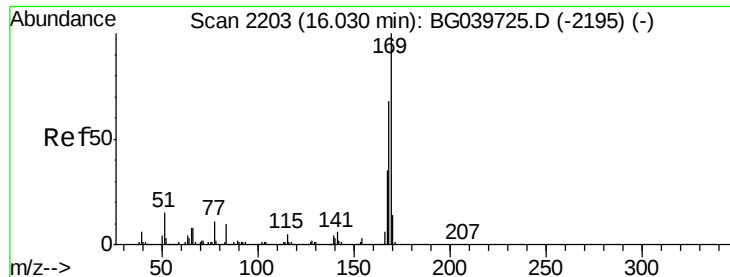
Tgt Ion:188 Resp: 259049
Ion Ratio Lower Upper
188 100
94 7.7 6.9 10.3
80 9.6 8.1 12.1



#65
4,6-Dinitro-2-methylphenol
Concen: 0.289 ng
RT: 16.26 min Scan# 2242
Delta R.T. 0.35 min
Lab File: BG040012.D
Acq: 19 Mar 2019 21:18

Tgt Ion:198 Resp: 443
Ion Ratio Lower Upper
198 100
51 132.6 27.4 67.4#
105 64.2 19.7 59.7#

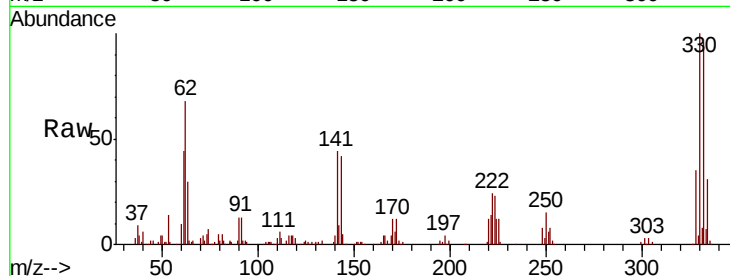




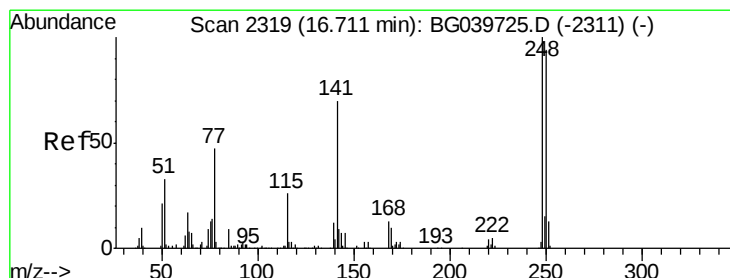
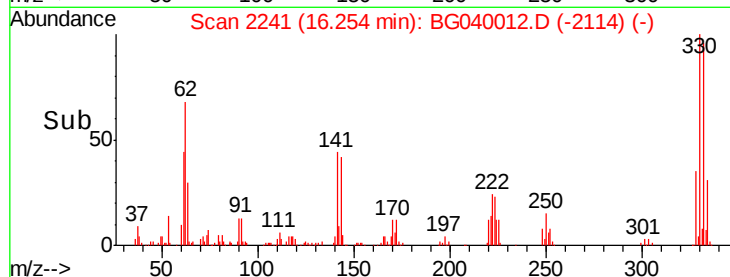
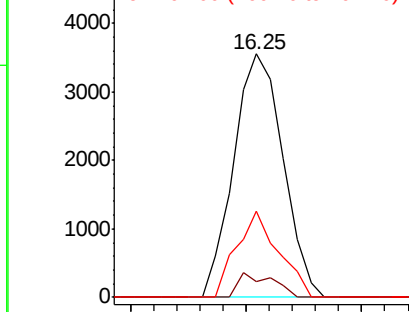
#66
 n-Nitrosodiphenylamine
 Concen: 0.704 ng
 RT: 16.25 min Scan# 2241
 Delta R.T. 0.22 min
 Lab File: BG040012.D
 Acq: 19 Mar 2019 21:18

Instrument :
 BNA_G
 ClientSampleId :
 TP-7

Tgt Ion:169 Resp: 5276
 Ion Ratio Lower Upper
 169 100
 168 6.4 56.6 85.0#
 167 35.5 28.8 43.2

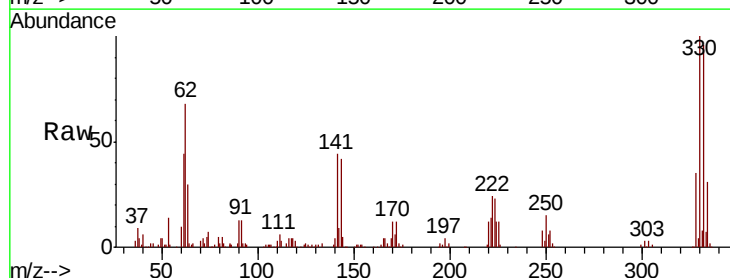


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

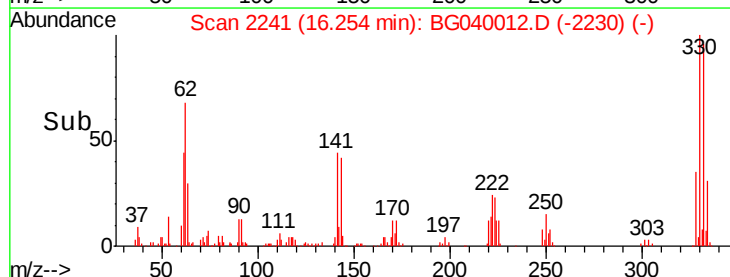
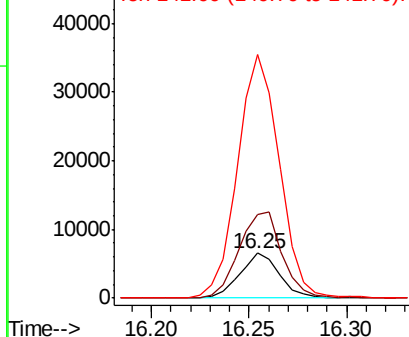


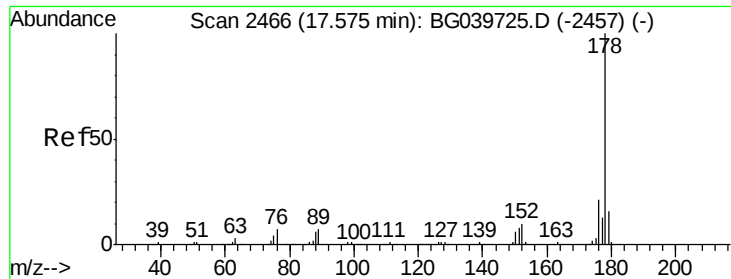
#67
 4-Bromophenyl-phenylether
 Concen: 3.140 ng
 RT: 16.25 min Scan# 2241
 Delta R.T. -0.46 min
 Lab File: BG040012.D
 Acq: 19 Mar 2019 21:18

Tgt Ion:248 Resp: 9104
 Ion Ratio Lower Upper
 248 100
 250 186.3 77.6 116.4#
 141 544.2 63.9 95.9#



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

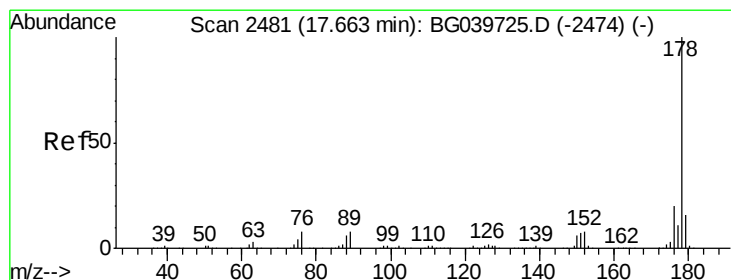
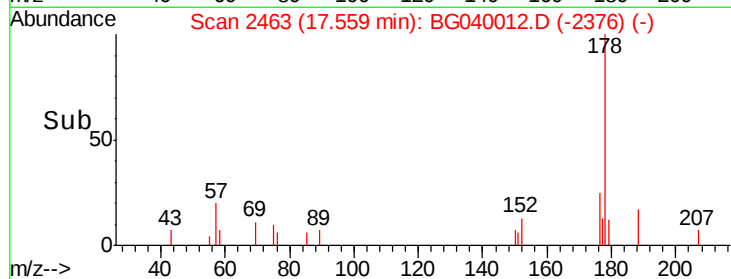
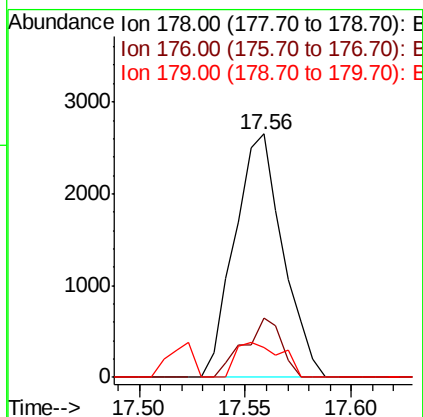
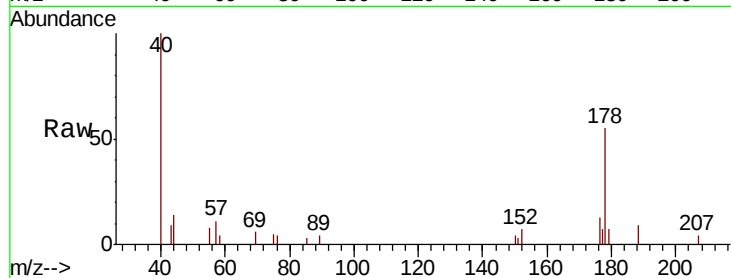




#71
Phenanthrene
Concen: 0.294 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.02 min
Lab File: BG040012.D
Acq: 19 Mar 2019 21:18

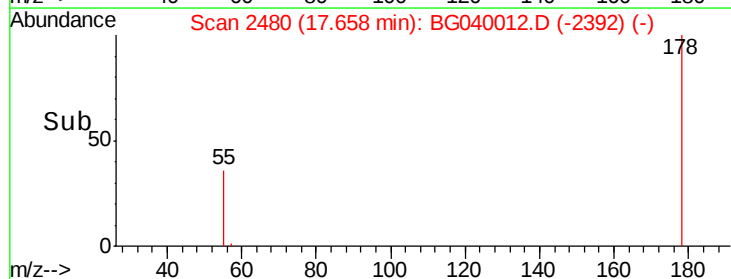
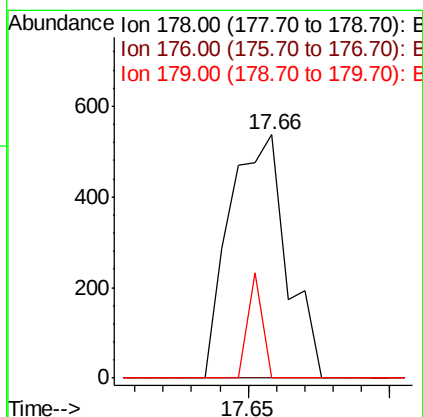
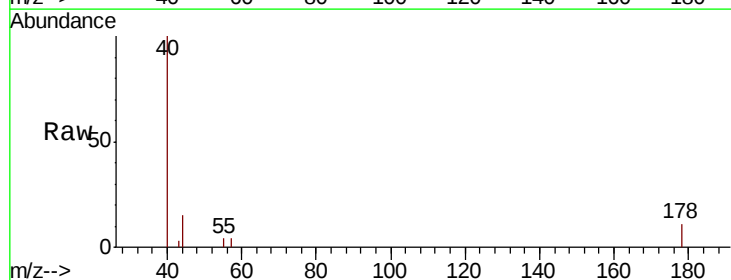
Instrument :
BNA_G
ClientSampleId :
TP-7

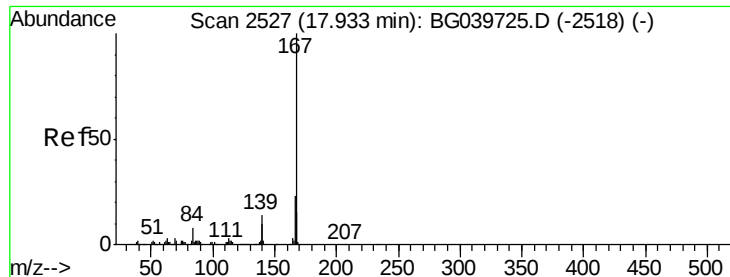
Tgt Ion:178 Resp: 4188
Ion Ratio Lower Upper
178 100
176 24.5 16.2 24.4#
179 12.5 12.6 19.0#



#72
Anthracene
Concen: 0.054 ng
RT: 17.66 min Scan# 2480
Delta R.T. -0.01 min
Lab File: BG040012.D
Acq: 19 Mar 2019 21:18

Tgt Ion:178 Resp: 752
Ion Ratio Lower Upper
178 100
176 0.0 15.8 23.6#
179 0.0 12.5 18.7#





#73

Carbazole

Concen: 0.038 ng

RT: 17.93 min Scan# 2527

Delta R.T. -0.00 min

Lab File: BG040012.D

Acq: 19 Mar 2019 21:18

Instrument :

BNA_G

ClientSampleId :

TP-7

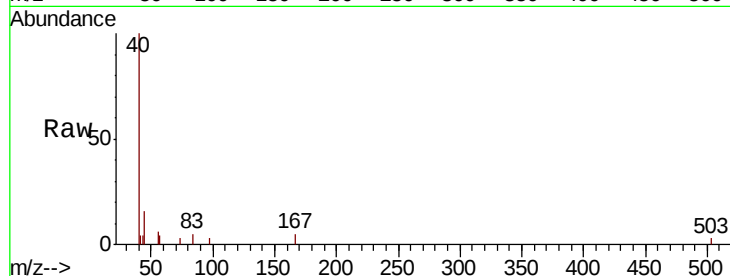
Tgt Ion:167 Resp: 472

Ion Ratio Lower Upper

167 100

166 0.0 19.4 29.2#

139 0.0 10.8 16.2#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

17.93

300

200

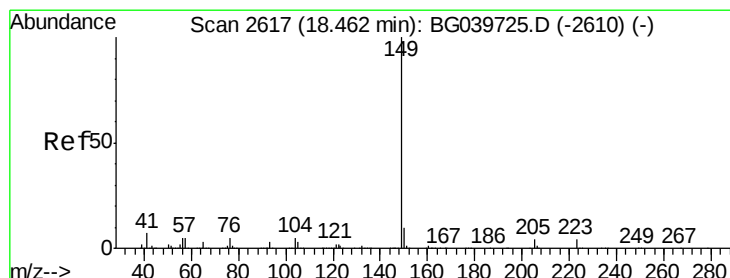
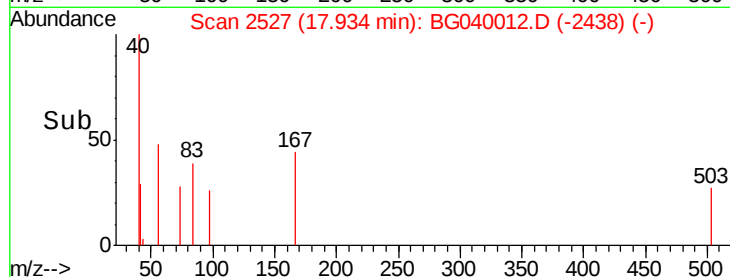
100

0

17.90

17.95

Time-->



#74

Di-n-butylphthalate

Concen: 0.105 ng

RT: 18.45 min Scan# 2614

Delta R.T. -0.02 min

Lab File: BG040012.D

Acq: 19 Mar 2019 21:18

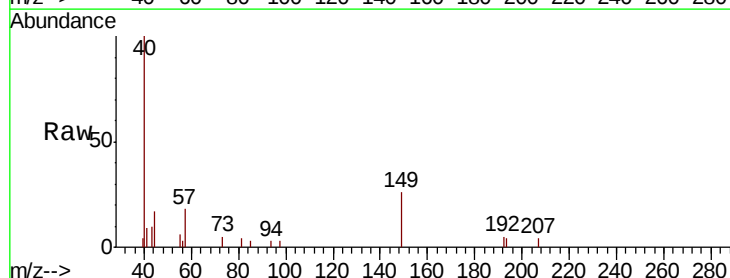
Tgt Ion:149 Resp: 1550

Ion Ratio Lower Upper

149 100

150 0.0 7.7 11.5#

104 0.0 4.5 6.7#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

18.45

1500

1000

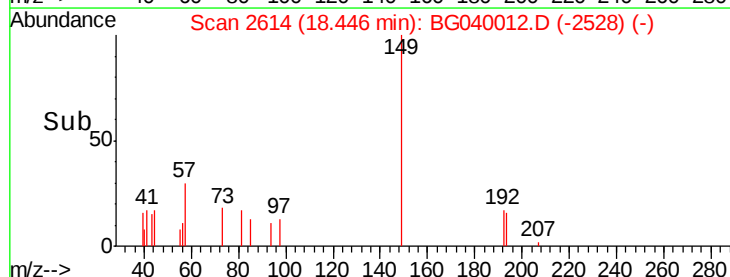
500

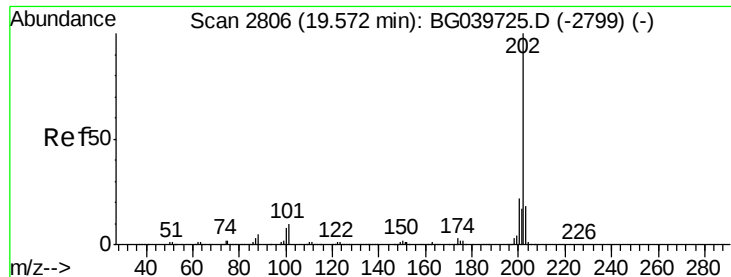
0

18.40

18.45

Time-->





#75

Fluoranthene

Concen: 0.551 ng

RT: 19.56 min Scan# 2803

Delta R.T. -0.02 min

Lab File: BG040012.D

Acq: 19 Mar 2019 21:18

Instrument :

BNA_G

ClientSampleId :

TP-7

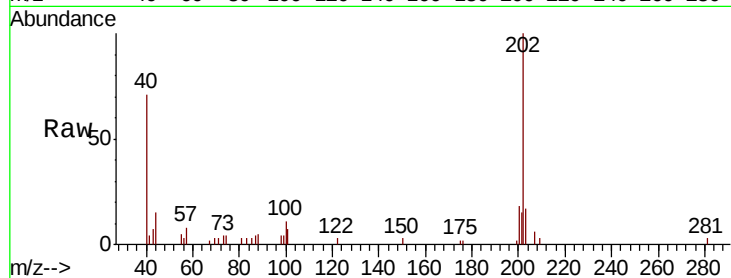
Tgt Ion:202 Resp: 9296

Ion Ratio Lower Upper

202 100

101 7.4 0.0 30.0

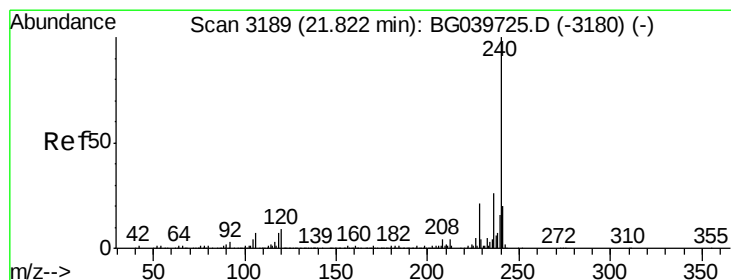
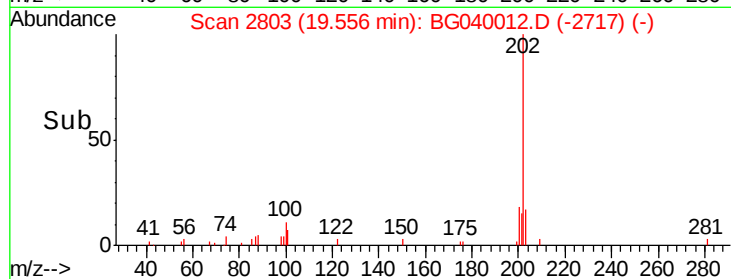
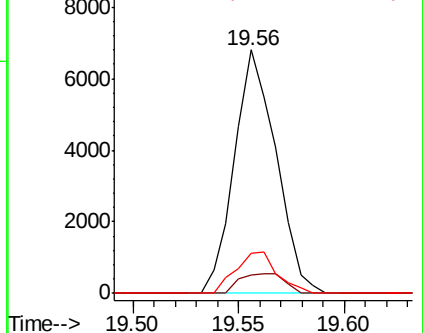
203 16.5 0.0 38.9



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: BG040012.D

Acq: 19 Mar 2019 21:18

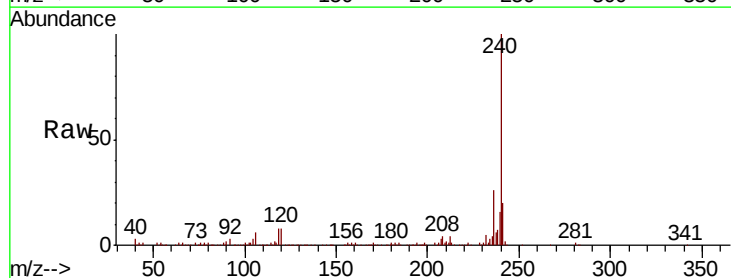
Tgt Ion:240 Resp: 279573

Ion Ratio Lower Upper

240 100

120 8.3 7.0 10.6

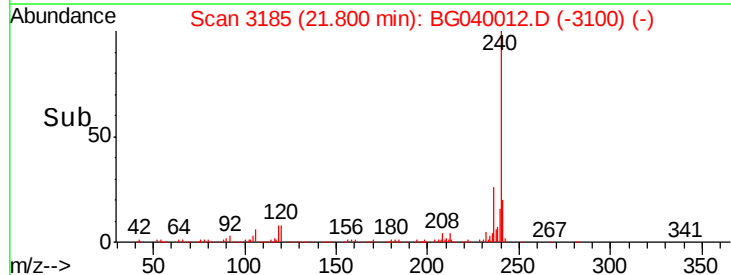
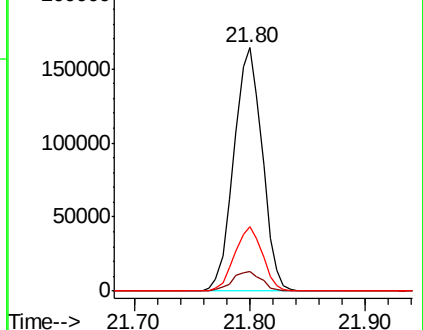
236 26.2 21.0 31.4

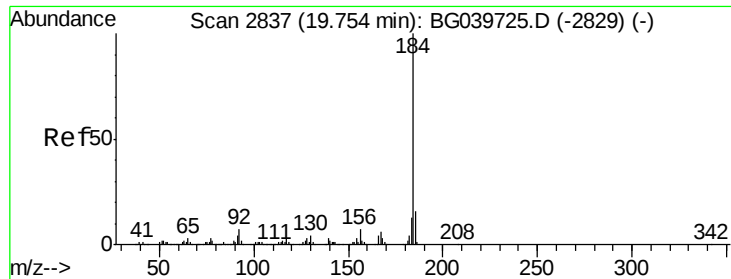


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 1.429 ng

RT: 20.11 min Scan# 2897

Delta R.T. 0.35 min

Lab File: BG040012.D

Acq: 19 Mar 2019 21:18

Instrument :

BNA_G

ClientSampleId :

TP-7

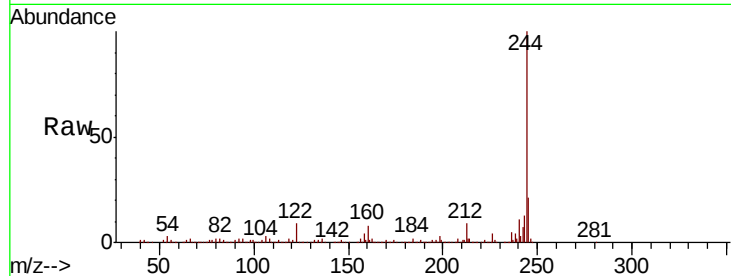
Tgt Ion:184 Resp: 12674

Ion Ratio Lower Upper

184 100

185 13.3 12.2 18.2

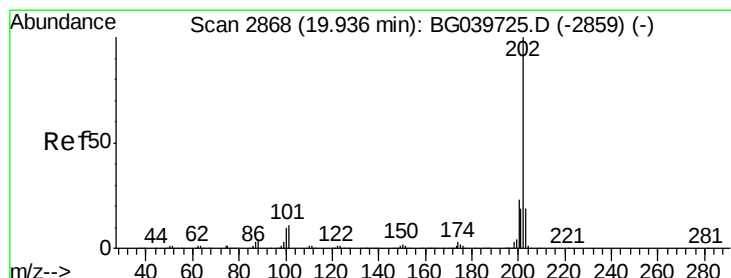
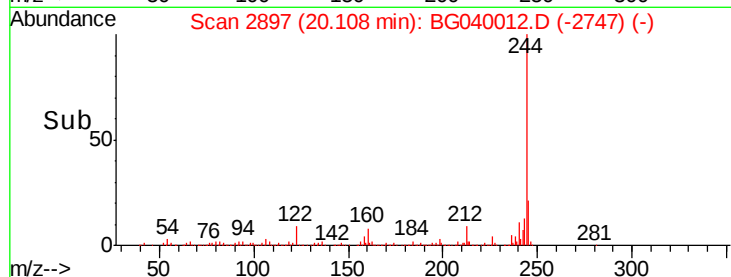
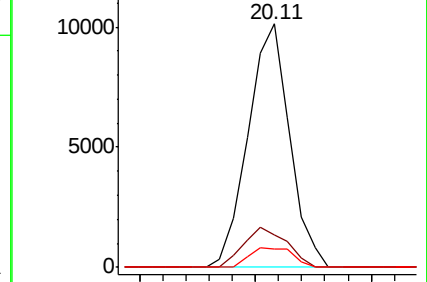
183 7.3 10.6 15.8#



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: 0.422 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.02 min

Lab File: BG040012.D

Acq: 19 Mar 2019 21:18

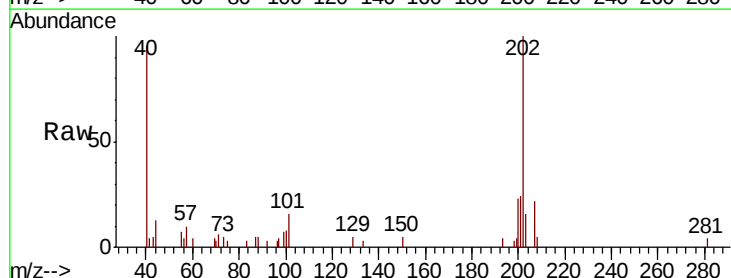
Tgt Ion:202 Resp: 7665

Ion Ratio Lower Upper

202 100

200 22.8 17.8 26.8

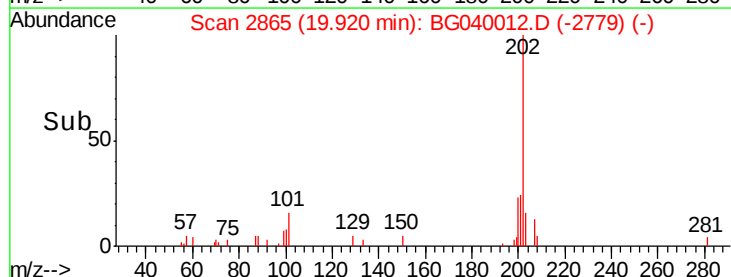
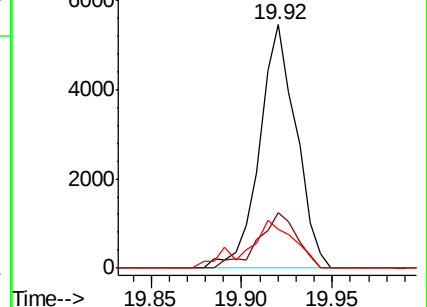
203 16.1 15.3 22.9

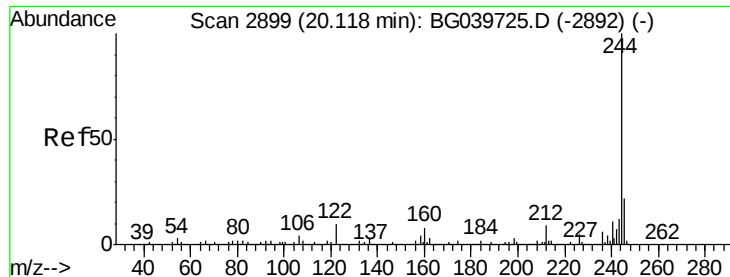


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 58.623 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040012.D

Acq: 19 Mar 2019 21:18

Instrument :

BNA_G

ClientSampleId :

TP-7

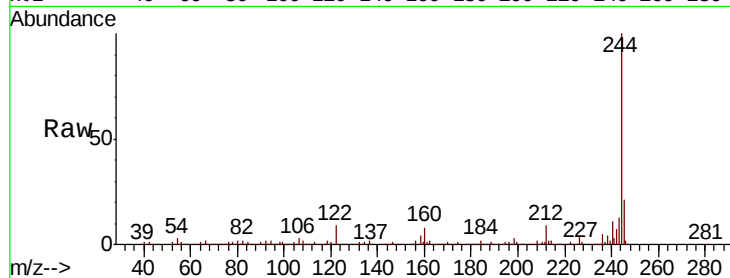
Tgt Ion:244 Resp: 744361

Ion Ratio Lower Upper

244 100

212 8.6 7.3 10.9

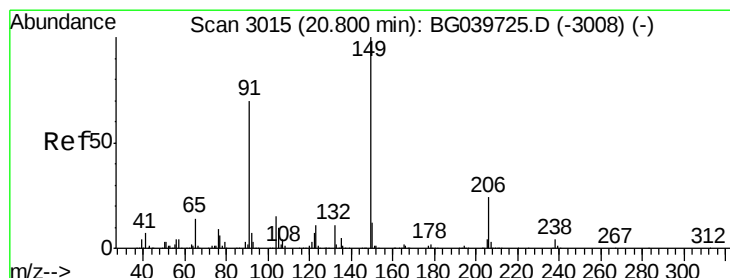
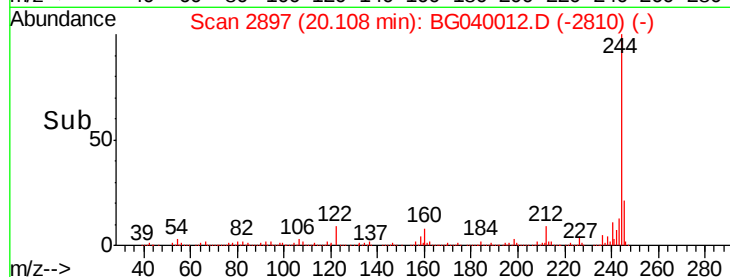
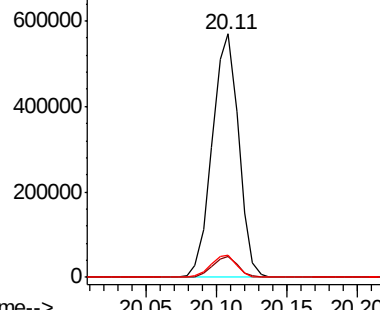
122 8.9 8.4 12.6



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: 0.012 ng

RT: 20.72 min Scan# 3001

Delta R.T. -0.09 min

Lab File: BG040012.D

Acq: 19 Mar 2019 21:18

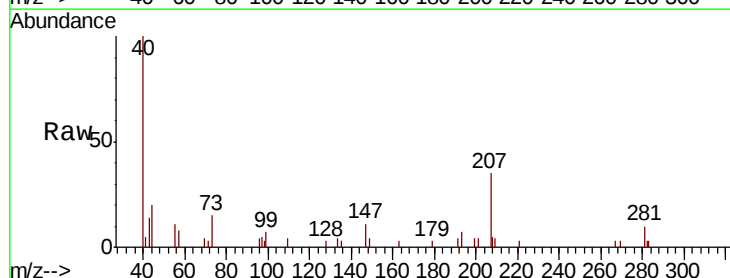
Tgt Ion:149 Resp: 83

Ion Ratio Lower Upper

149 100

91 0.0 59.5 89.3#

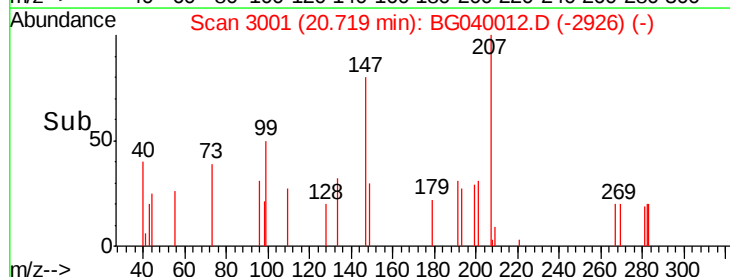
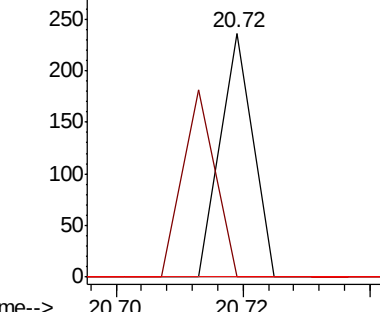
206 0.0 18.6 27.8#

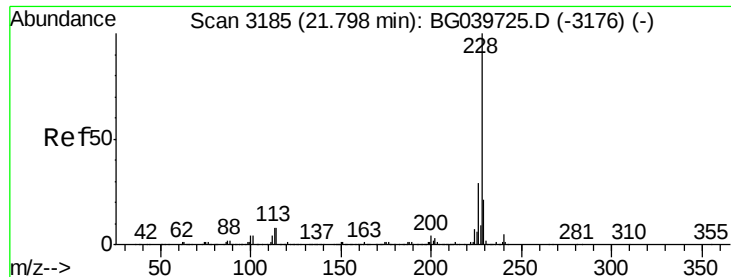


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.217 ng

RT: 21.85 min Scan# 3193

Delta R.T. 0.04 min

Lab File: BG040012.D

Acq: 19 Mar 2019 21:18

Instrument :

BNA_G

ClientSampleId :

TP-7

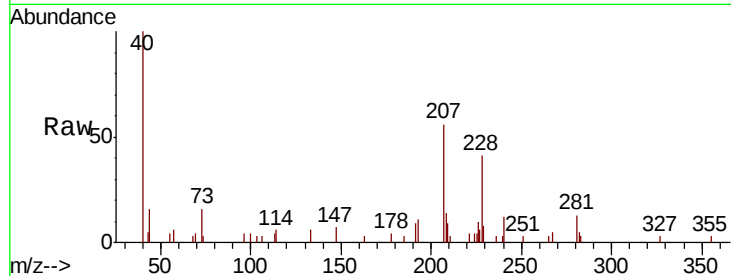
Tgt Ion:228 Resp: 3801

Ion Ratio Lower Upper

228 100

226 23.3 23.0 34.6

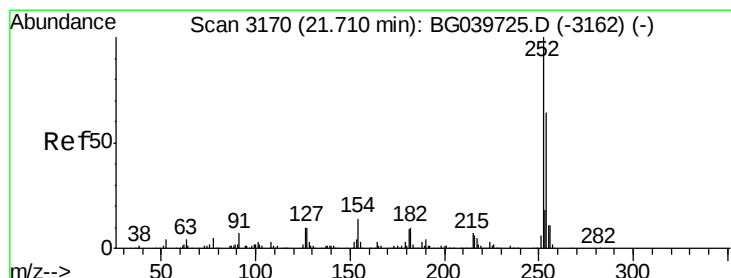
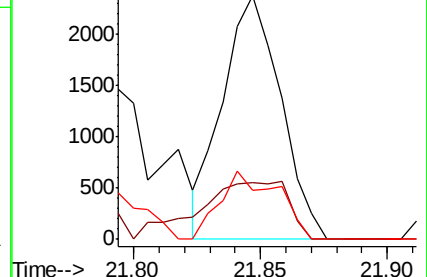
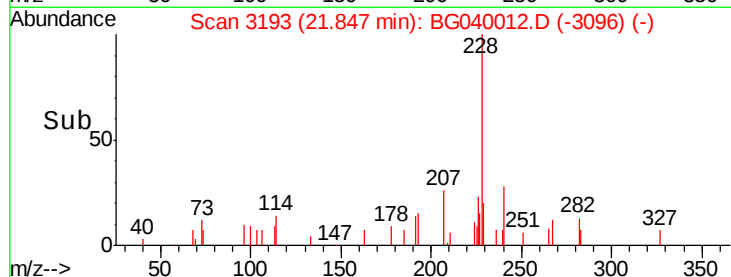
229 20.3 16.9 25.3



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: 0.009 ng

RT: 21.71 min Scan# 3170

Delta R.T. -0.00 min

Lab File: BG040012.D

Acq: 19 Mar 2019 21:18

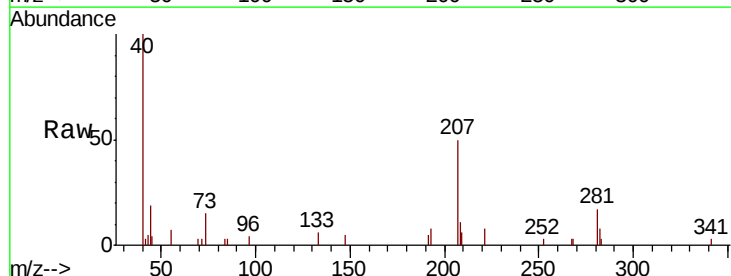
Tgt Ion:252 Resp: 58

Ion Ratio Lower Upper

252 100

254 0.0 51.3 76.9#

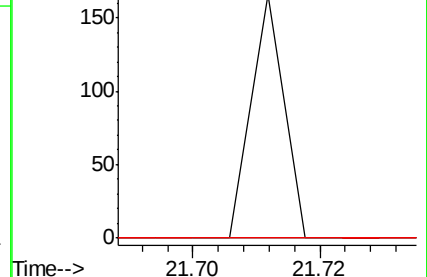
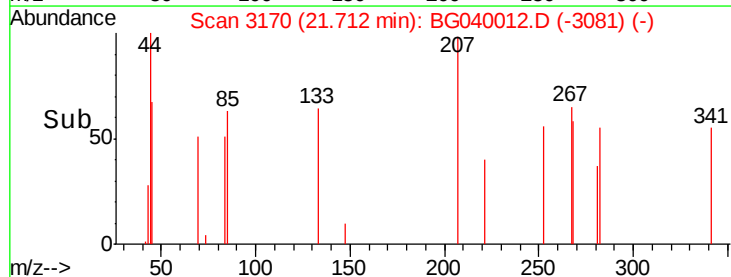
126 0.0 8.0 12.0#

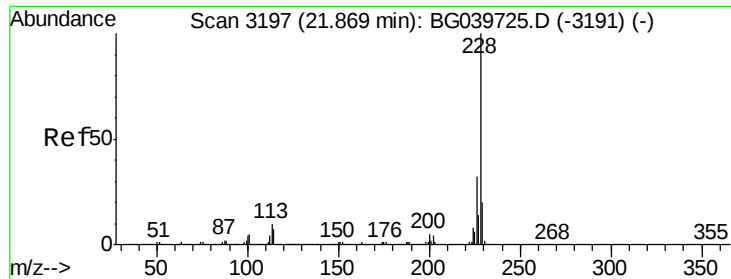


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 0.224 ng

RT: 21.85 min Scan# 3193

Delta R.T. -0.03 min

Lab File: BG040012.D

Acq: 19 Mar 2019 21:18

Instrument :

BNA_G

ClientSampleId :

TP-7

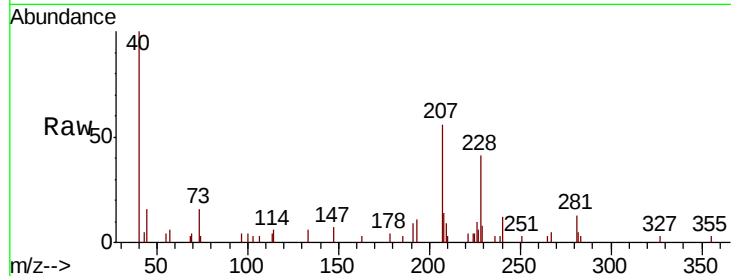
Tgt Ion:228 Resp: 3801

Ion Ratio Lower Upper

228 100

226 23.3 25.8 38.6#

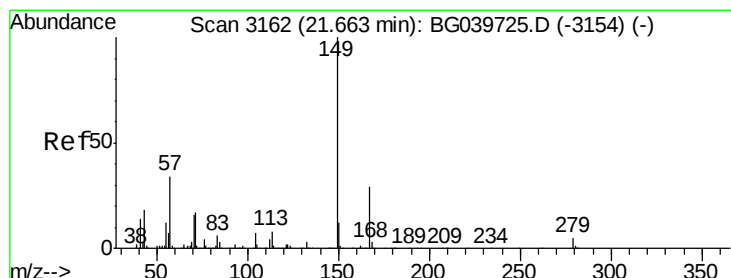
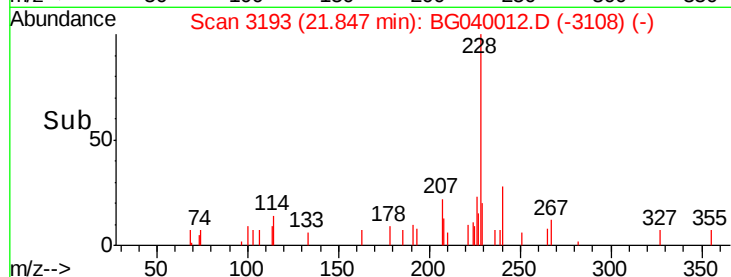
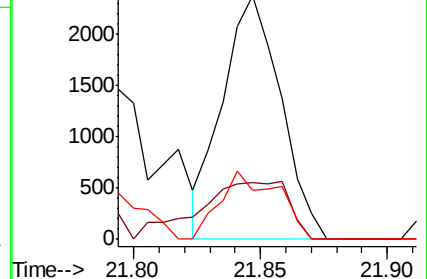
229 20.3 16.6 25.0



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: 0.447 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.03 min

Lab File: BG040012.D

Acq: 19 Mar 2019 21:18

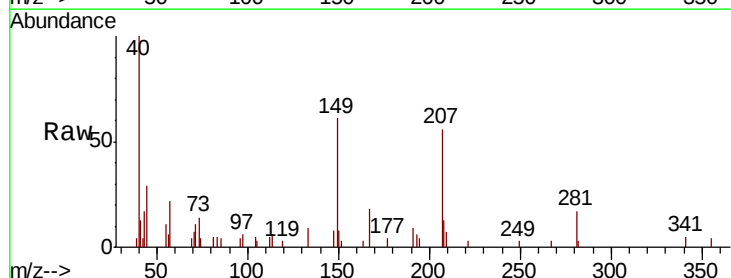
Tgt Ion:149 Resp: 4422

Ion Ratio Lower Upper

149 100

167 28.5 22.6 34.0

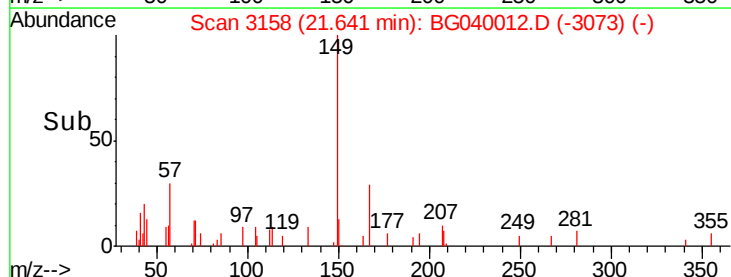
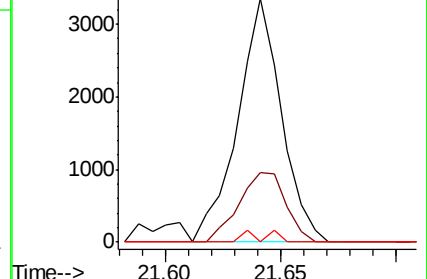
279 0.0 3.5 5.3#

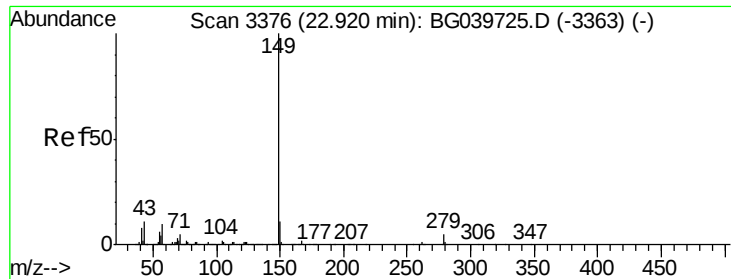


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 0.004 ng

RT: 22.89 min Scan# 3371

Delta R.T. -0.03 min

Lab File: BG040012.D

Acq: 19 Mar 2019 21:18

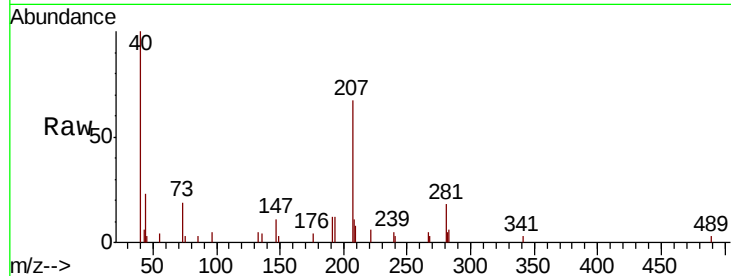
Instrument :

BNA_G

ClientSampleId :

TP-7

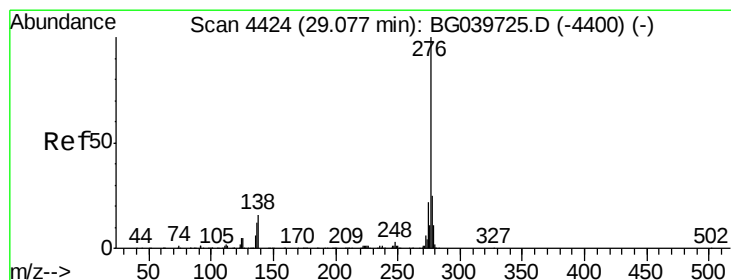
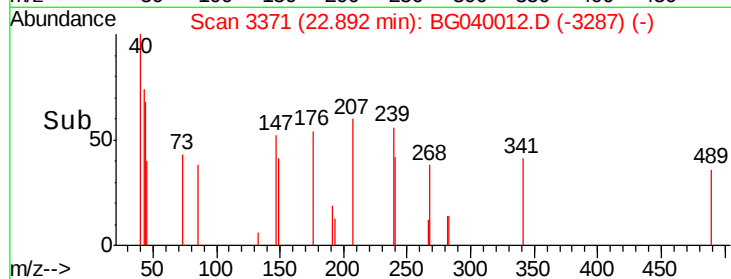
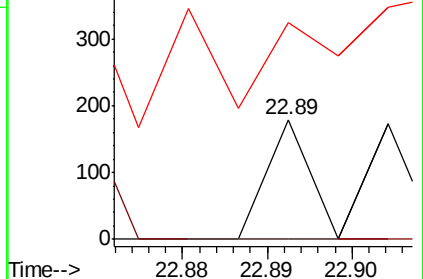
Tgt Ion:	149	Resp:	63
Ion Ratio	Lower	Upper	
149	100		
167	0.0	1.3	1.9#
43	0.0	10.2	15.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 0.124 ng

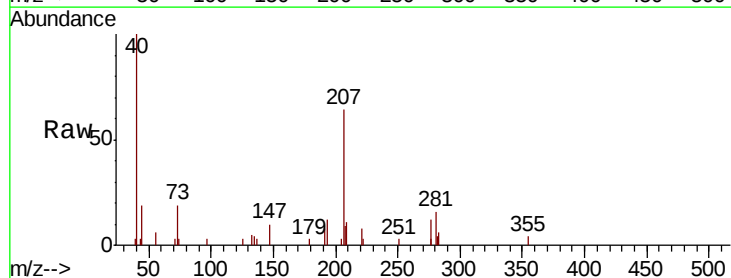
RT: 29.00 min Scan# 4411

Delta R.T. -0.09 min

Lab File: BG040012.D

Acq: 19 Mar 2019 21:18

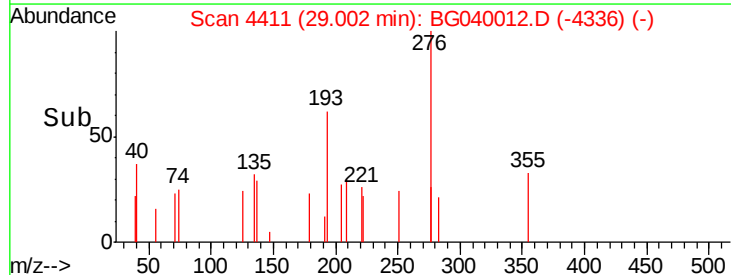
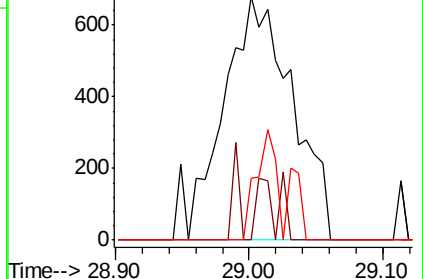
Tgt Ion:	276	Resp:	2392
Ion Ratio	Lower	Upper	
276	100		
138	5.0	12.6	19.0#
277	13.0	20.8	31.2#

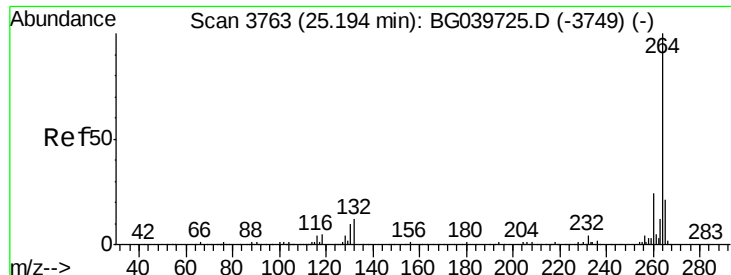


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



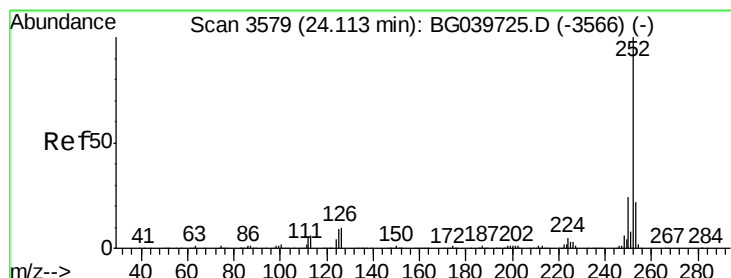
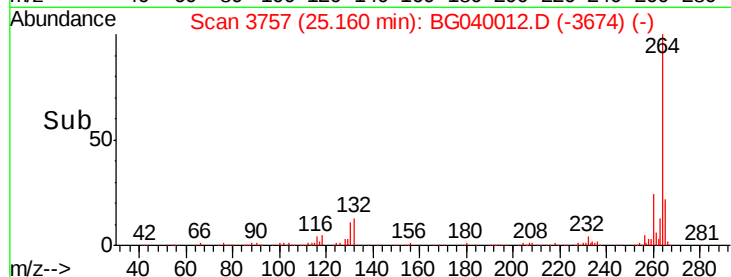
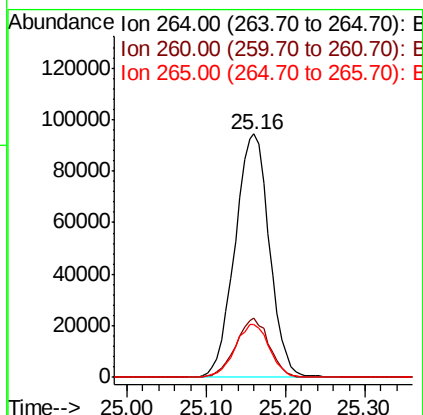
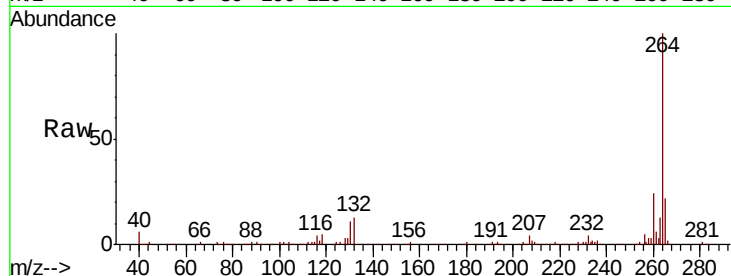


#87
Perylene-d12
Concen: 20.000 ng
RT: 25.16 min Scan# 3757
Delta R.T. -0.04 min
Lab File: BG040012.D
Acq: 19 Mar 2019 21:18

Instrument :
BNA_G
ClientSampleId :
TP-7

Tgt Ion: 264 Resp: 284229

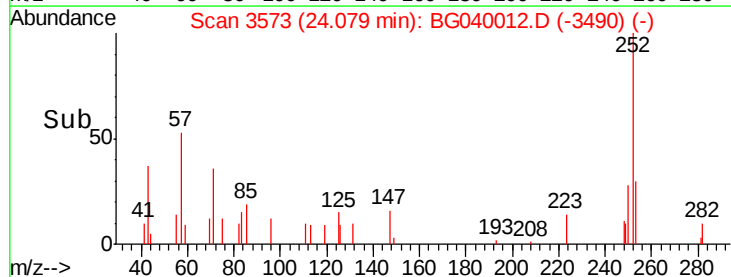
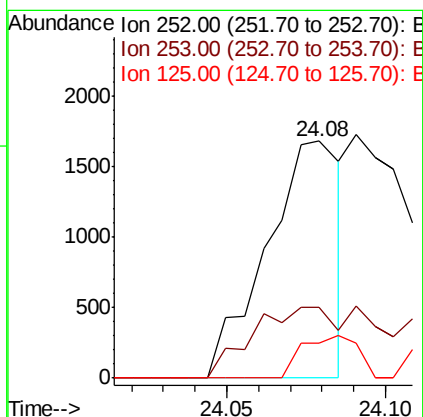
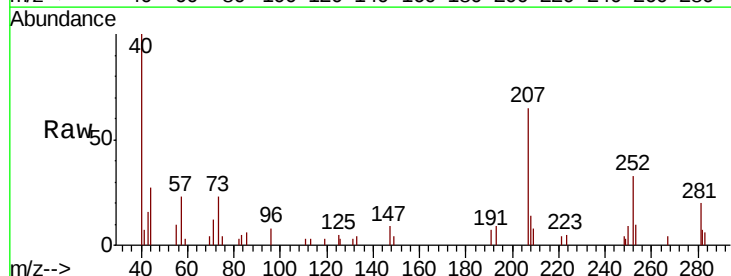
Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.2	27.4
265	22.0	18.5	27.7

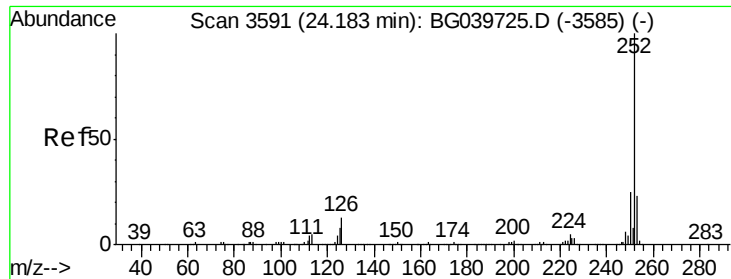


#88
Benzo(b)fluoranthene
Concen: 0.162 ng
RT: 24.08 min Scan# 3573
Delta R.T. -0.04 min
Lab File: BG040012.D
Acq: 19 Mar 2019 21:18

Tgt Ion: 252 Resp: 2749

Ion	Ratio	Lower	Upper
252	100		
253	29.8	17.8	26.8#
125	14.8	7.8	11.6#

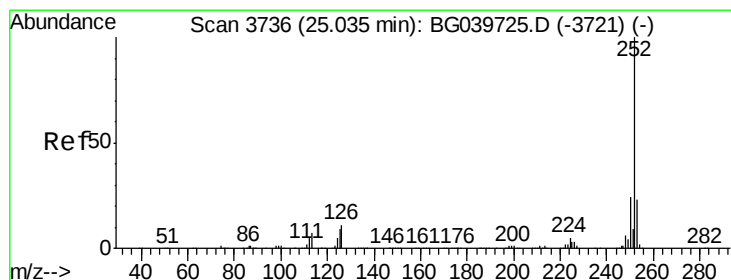
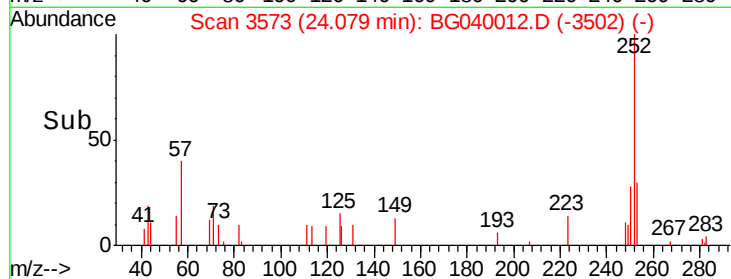
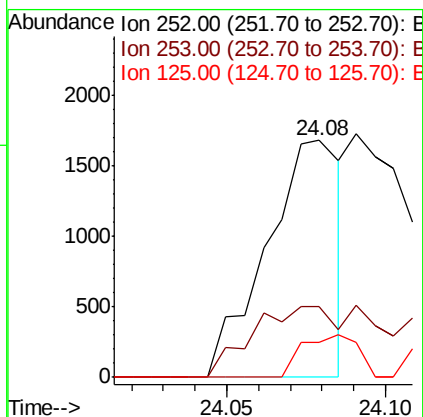
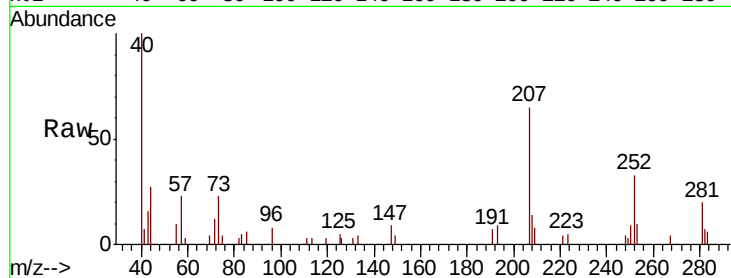




#89
Benzo(k)fluoranthene
Concen: 0.174 ng
RT: 24.08 min Scan# 3573
Delta R.T. -0.11 min
Lab File: BG040012.D
Acq: 19 Mar 2019 21:18

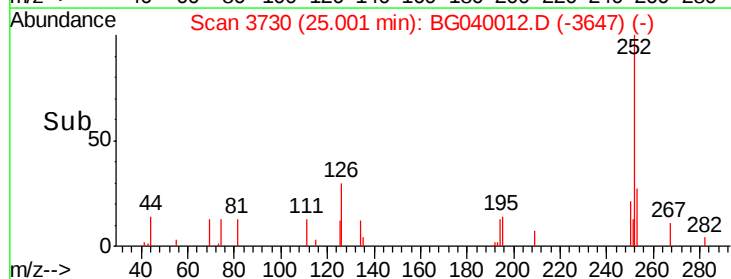
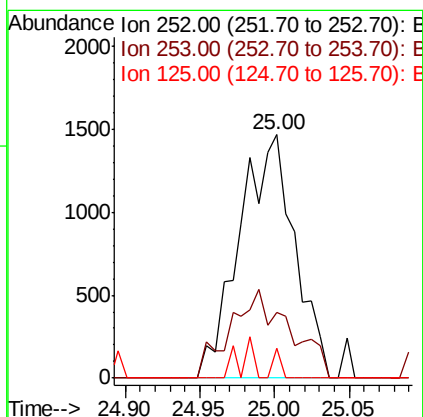
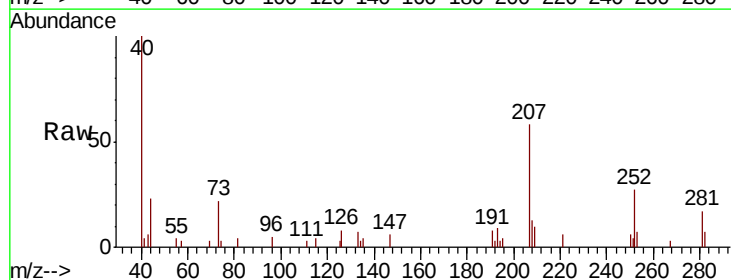
Instrument :
BNA_G
ClientSampleId :
TP-7

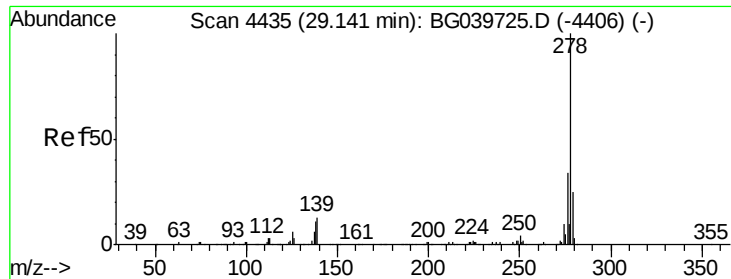
Tgt Ion:252 Resp: 2749
Ion Ratio Lower Upper
252 100
253 29.8 18.2 27.2#
125 14.8 7.4 11.2#



#90
Benzo(a)pyrene
Concen: 0.241 ng
RT: 25.00 min Scan# 3730
Delta R.T. -0.04 min
Lab File: BG040012.D
Acq: 19 Mar 2019 21:18

Tgt Ion:252 Resp: 3772
Ion Ratio Lower Upper
252 100
253 26.8 17.9 26.9
125 12.2 8.3 12.5

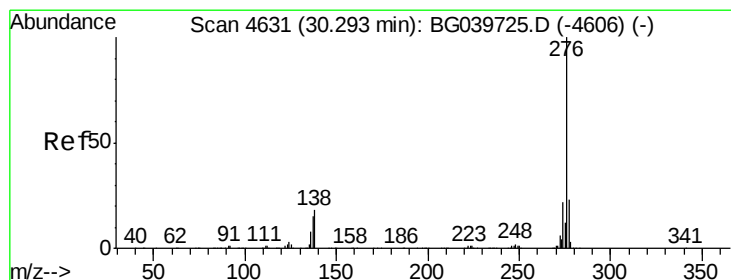
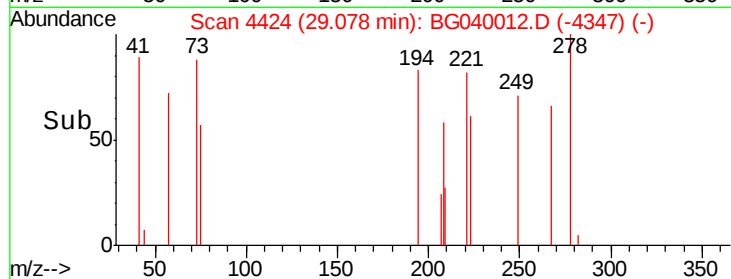
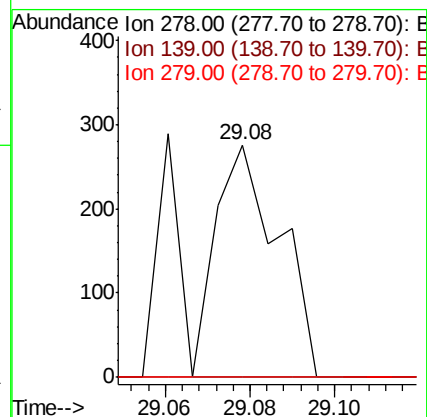
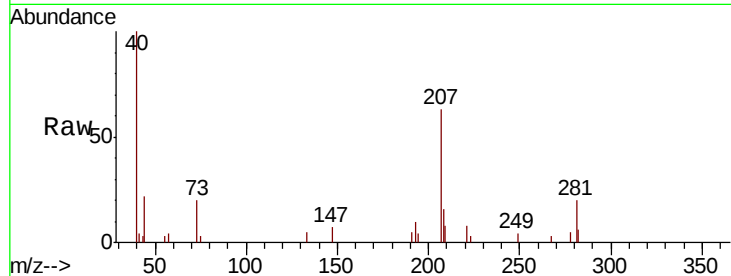




#91
Dibenzo(a,h)anthracene
Concen: 0.019 ng
RT: 29.08 min Scan# 4424
Delta R.T. -0.08 min
Lab File: BG040012.D
Acq: 19 Mar 2019 21:18

Instrument :
BNA_G
ClientSampleId :
TP-7

Tgt Ion: 278 Resp: 288
Ion Ratio Lower Upper
278 100
139 0.0 11.7 17.5#
279 0.0 19.1 28.7#



#92
Benzo(g,h,i)perylene
Concen: 0.019 ng
RT: 30.22 min Scan# 4618
Delta R.T. -0.09 min
Lab File: BG040012.D
Acq: 19 Mar 2019 21:18

Tgt Ion: 276 Resp: 291
Ion Ratio Lower Upper
276 100
277 0.0 19.6 29.4#
138 0.0 14.7 22.1#

