

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030819\
 Data File : BG039821.D
 Acq On : 8 Mar 2019 15:00
 Operator : JU/SJ
 Sample : K1807-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 08 23:11:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	39482	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	187089	20.00	ng	-0.02
39) Acenaphthene-d10	14.78	164	132315	20.00	ng	-0.01
64) Phenanthrene-d10	17.52	188	323383	20.00	ng	-0.01
76) Chrysene-d12	21.81	240	331837	20.00	ng	-0.02
87) Perylene-d12	25.18	264	328928	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.70	112	350516	151.46	ng	-0.01
7) Phenol-d6	7.30	99	521585	151.15	ng	-0.01
23) Nitrobenzene-d5	9.33	82	311215	89.97	ng	-0.02
42) 2,4,6-Tribromophenol	16.27	330	202700	131.43	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	722451	77.74	ng	-0.01
79) Terphenyl-d14	20.11	244	1099422	72.95	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.59	88	55	0.051	ng	# 10
4) n-Nitrosodimethylamine	3.94	42	125	0.092	ng	# 1
6) Aniline	7.32	93	92	0.020	ng	# 1
8) 2-Chlorophenol	7.68	128	54	0.019	ng	# 1
9) Benzaldehyde	7.30	77	1018	0.457	ng	# 4
10) Phenol	7.32	94	17394	4.653	ng	# 97
11) bis(2-Chloroethyl)ether	7.68	93	526	0.180	ng	# 1
15) Benzyl Alcohol	8.48	79	4547	1.661	ng	# 37
19) n-Nitroso-di-n-propylamine	9.33	70	40460	16.290	ng	# 68
24) Nitrobenzene	9.32	77	500	0.138	ng	# 31
31) Naphthalene	11.43	128	56	0.006	ng	# 69
46) 1,1'-Biphenyl	13.61	154	1084	0.100	ng	# 81
48) 2-Nitroaniline	14.11	65	58	0.022	ng	# 10
50) Dimethylphthalate	14.22	163	61629	5.570	ng	# 98
51) 2,6-Dinitrotoluene	14.22	165	606	0.258	ng	# 1
52) Acenaphthene	14.77	154	312	0.039	ng	# 5
57) 2,4-Dinitrotoluene	14.78	165	16581	5.031	ng	# 20
58) Fluorene	16.27	166	8607	0.825	ng	# 84
60) Diethylphthalate	15.57	149	594	0.054	ng	# 58
63) Azobenzene	16.27	77	1297	0.131	ng	# 39
65) 4,6-Dinitro-2-methylphenol	16.27	198	579	0.303	ng	# 1
66) n-Nitrosodiphenylamine	16.27	169	8798	0.940	ng	# 47
67) 4-Bromophenyl-phenylether	16.27	248	16478	4.552	ng	# 1
71) Phenanthrene	17.56	178	365	0.020	ng	# 59
72) Anthracene	17.56	178	365	0.021	ng	# 60
74) Di-n-butylphthalate	18.46	149	925	0.050	ng	# 77
75) Fluoranthene	19.58	202	419	0.020	ng	# 63
77) Benzidine	20.11	184	19493	1.851	ng	# 97
78) Pyrene	19.93	202	394	0.018	ng	# 55
80) Butylbenzylphthalate	20.78	149	59	0.007	ng	# 22
81) Benzo(a)anthracene	21.81	228	1178	0.057	ng	# 50
82) 3,3'-Dichlorobenzidine	21.41	252	54	0.007	ng	# 1
83) Chrysene	21.81	228	1178	0.058	ng	# 48
84) Bis(2-ethylhexyl)phthalate	21.66	149	749	0.064	ng	# 52

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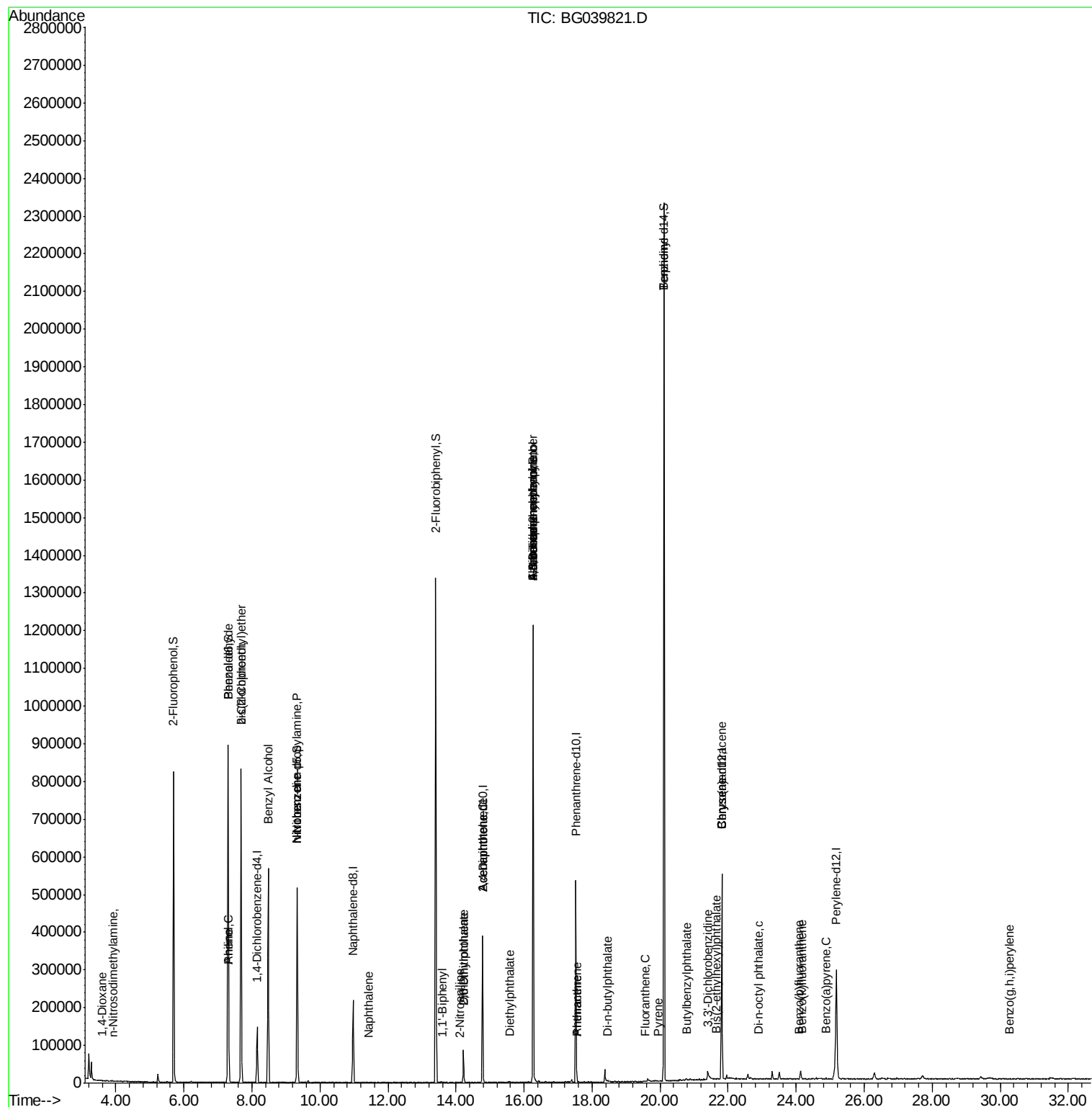
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) Di-n-octyl phthalate	22.91	149	57	0.003	ng	# 71
88) Benzo(b)fluoranthene	24.09	252	108	0.006	ng	# 60
89) Benzo(k)fluoranthene	24.17	252	61	0.003	ng	# 59
90) Benzo(a)pyrene	24.87	252	57	0.003	ng	# 59
92) Benzo(g,h,i)perylene	30.28	276	54	0.003	ng	# 54

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

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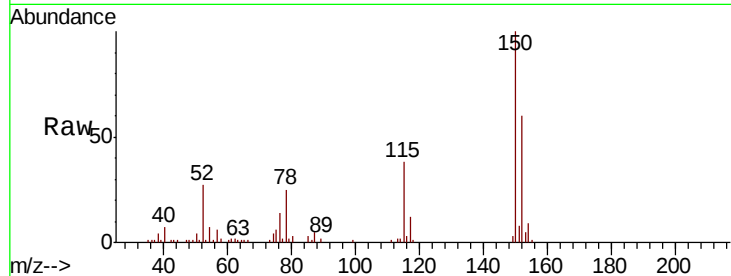


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.02 min
Lab File: BG039821.D
Acq: 8 Mar 2019 15:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion	152	Resp	39482
Ion Ratio	100	Lower	Upper
150	166.7	123.7	185.5
115	63.1	45.9	68.9

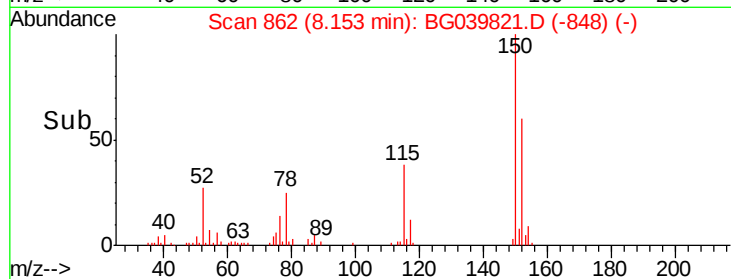
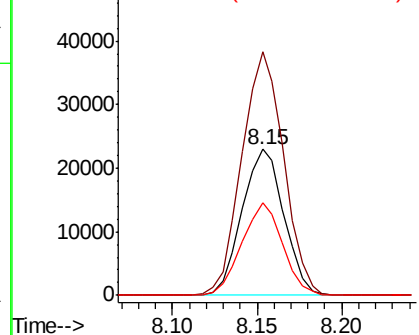


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

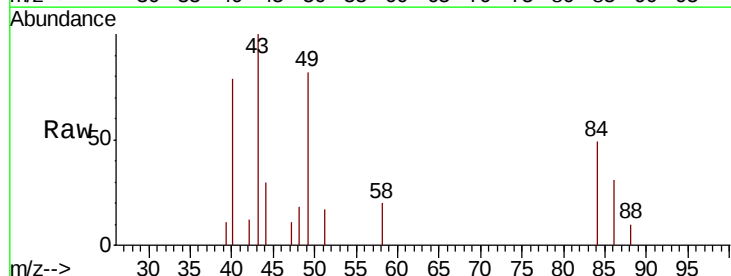
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 0.051 ng
RT: 3.59 min Scan# 85
Delta R.T. -0.02 min
Lab File: BG039821.D
Acq: 8 Mar 2019 15:00

Tgt Ion	88	Resp	55
Ion Ratio	100	Lower	Upper
58	0.0	81.1	121.7#
43	0.0	31.4	47.0#

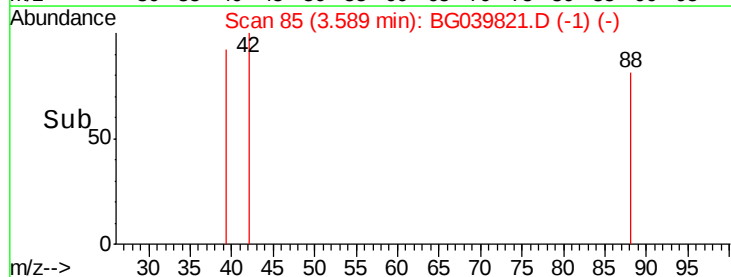
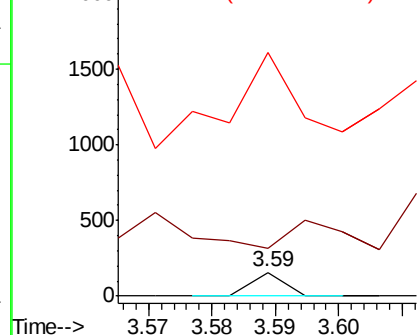


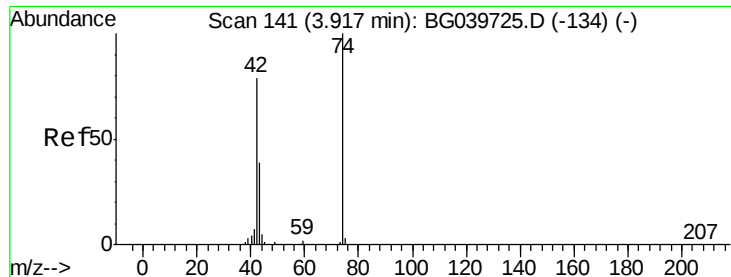
Abundance

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



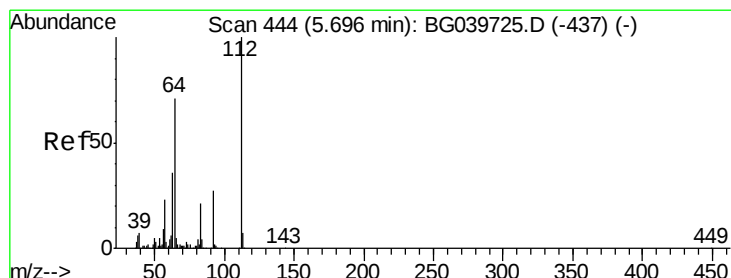
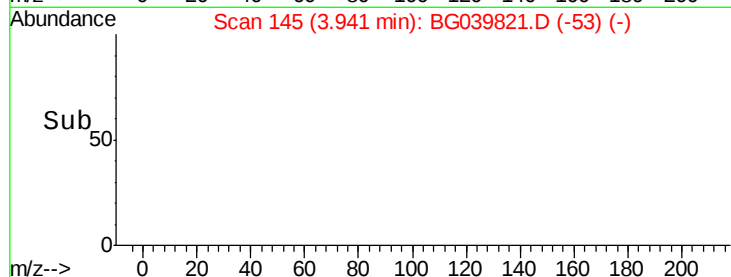
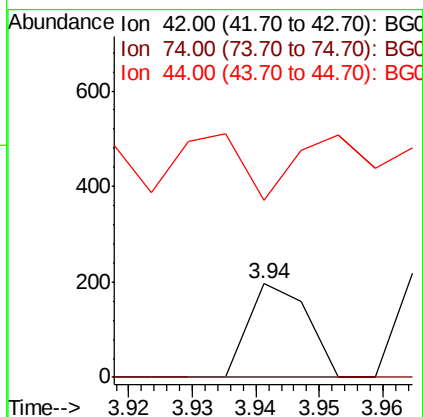
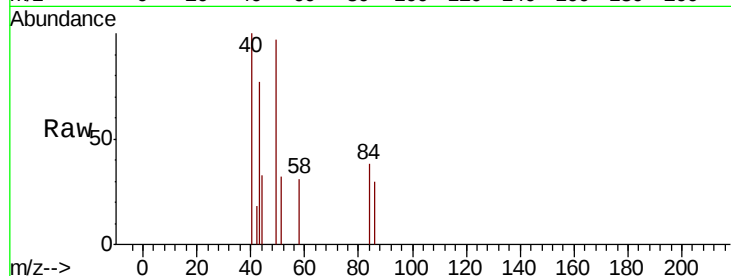


#4

n-Nitrosodimethylamine
 Concen: 0.092 ng
 RT: 3.94 min Scan# 145
 Delta R.T. 0.01 min
 Lab File: BG039821.D
 Acq: 8 Mar 2019 15:00

Instrument :
 BNA_G
 ClientSampleId :

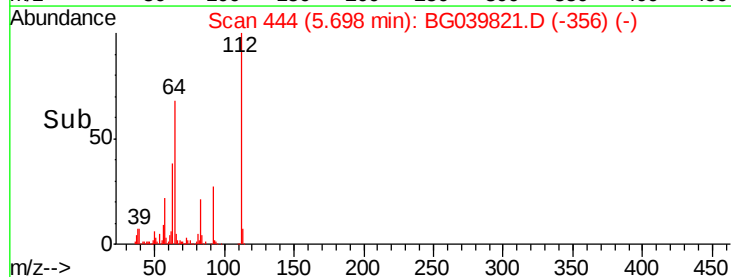
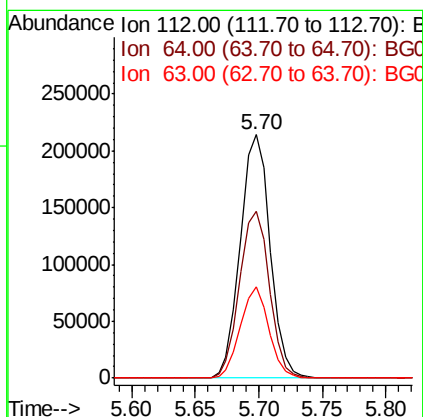
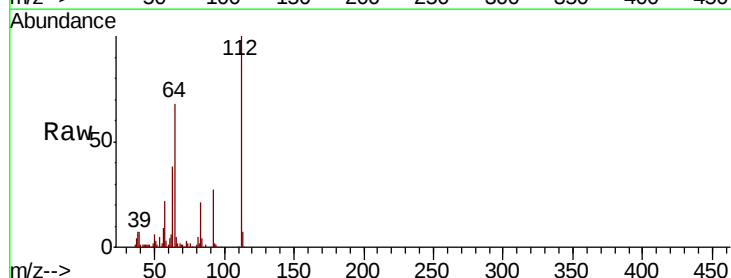
Tot Ion	Ratio	Lower	Upper
42	100		
74	0.0	83.6	125.4#
44	189.3	6.9	10.3#

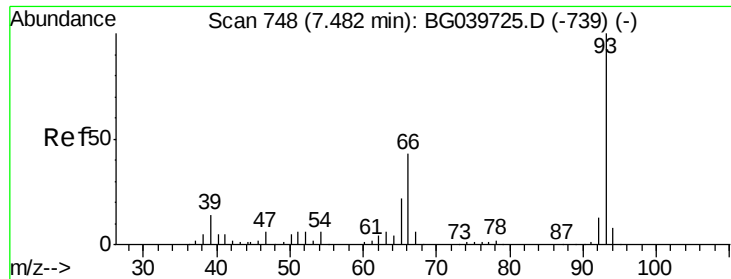


#5

2-Fluorophenol
 Concen: 151.457 ng
 RT: 5.70 min Scan# 444
 Delta R.T. -0.01 min
 Lab File: BG039821.D
 Acq: 8 Mar 2019 15:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.4	57.8	86.8
63	37.5	29.8	44.6





#6

Aniline

Concen: 0.020 ng

RT: 7.32 min Scan# 721

Delta R.T. -0.17 min

Lab File: BG039821.D

Acq: 8 Mar 2019 15:00

Instrument :

BNA_G

ClientSampleId :

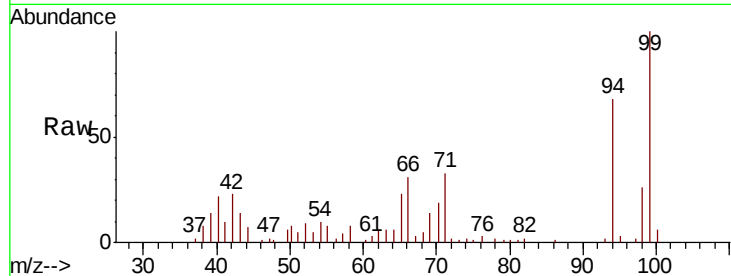
Tot Ion: 93 Resp: 92

Ion Ratio Lower Upper

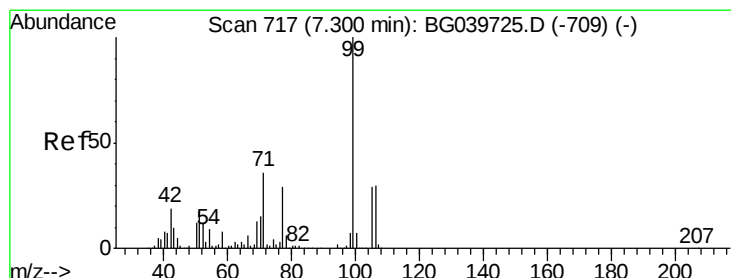
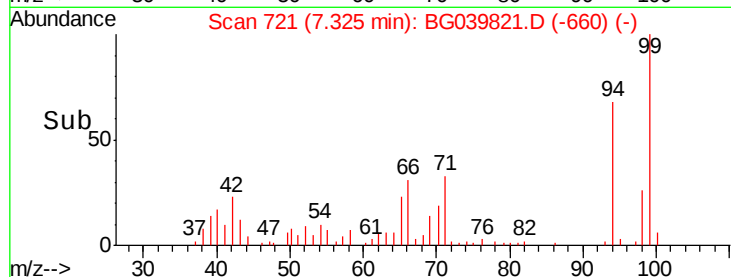
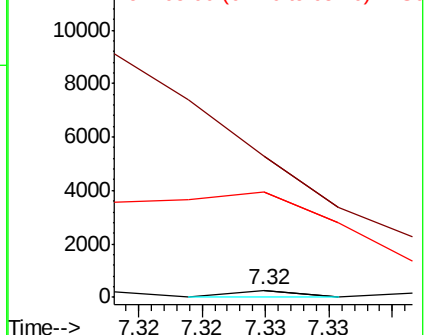
93 100

66 2016.1 34.2 51.4#

65 1514.9 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: 151.152 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039821.D

Acq: 8 Mar 2019 15:00

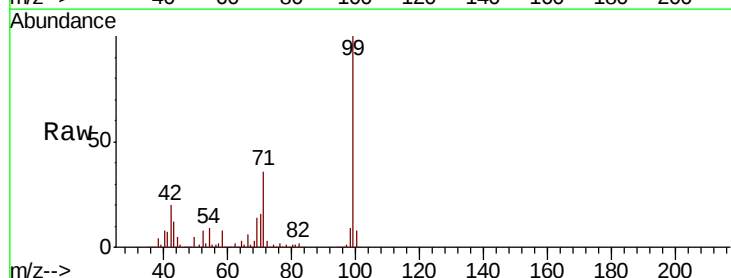
Tgt Ion: 99 Resp: 521585

Ion Ratio Lower Upper

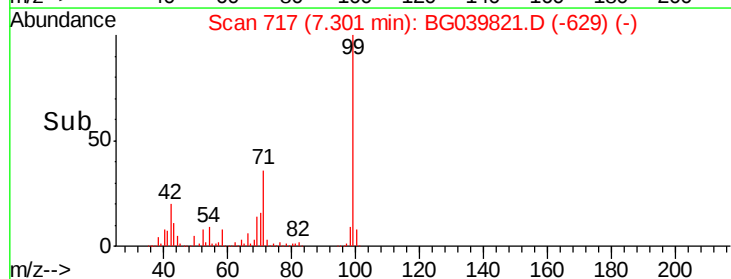
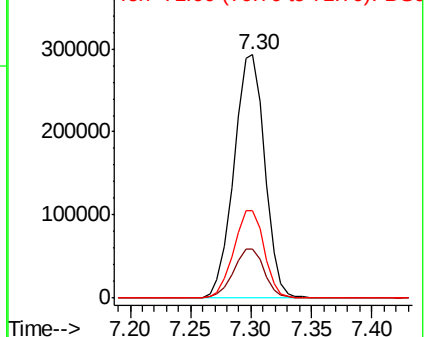
99 100

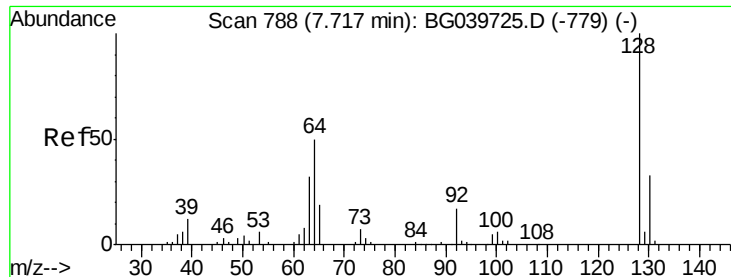
42 20.2 18.2 27.2

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





#8

2-Chlorophenol

Concen: 0.019 ng

RT: 7.68 min Scan# 782

Delta R.T. -0.04 min

Lab File: BG039821.D

Acq: 8 Mar 2019 15:00

Instrument :

BNA_G

ClientSampleId :

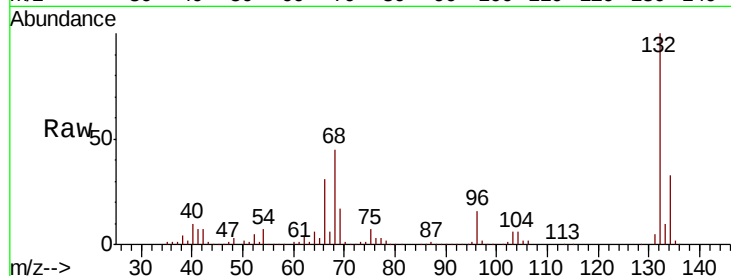
Tot Ion:128 Resp: 54

Ion Ratio Lower Upper

128 100

130 0.0 12.9 52.9#

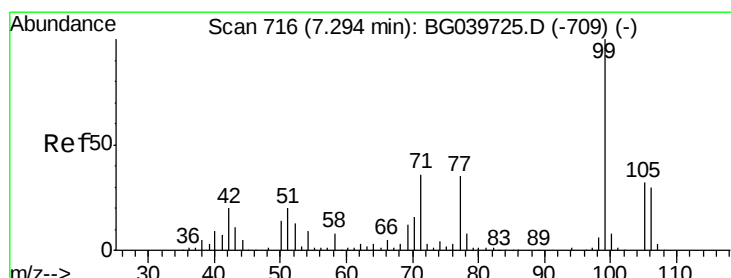
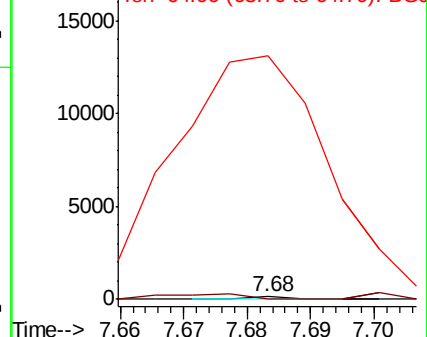
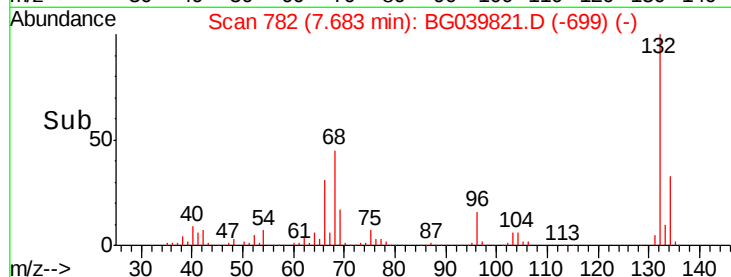
64 8506.5 38.7 78.7#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BGC



#9

Benzaldehyde

Concen: 0.457 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039821.D

Acq: 8 Mar 2019 15:00

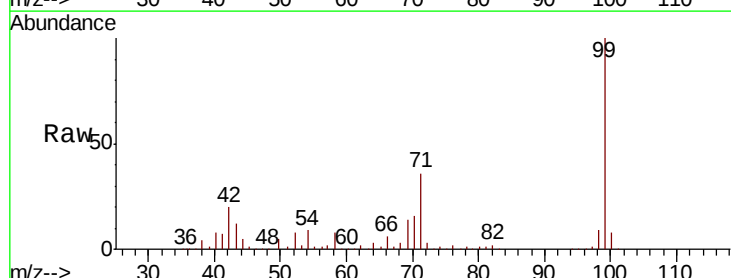
Tgt Ion: 77 Resp: 1018

Ion Ratio Lower Upper

77 100

105 0.0 74.5 114.5#

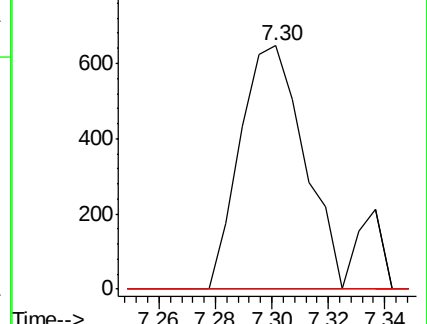
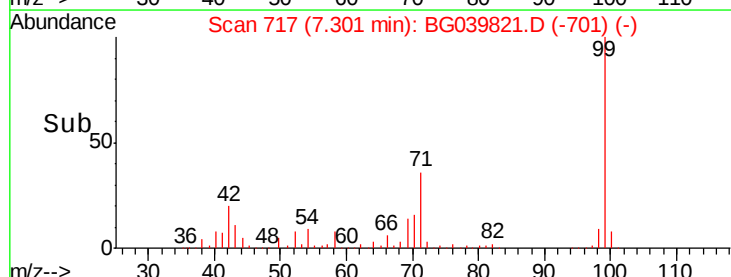
106 0.0 68.0 108.0#

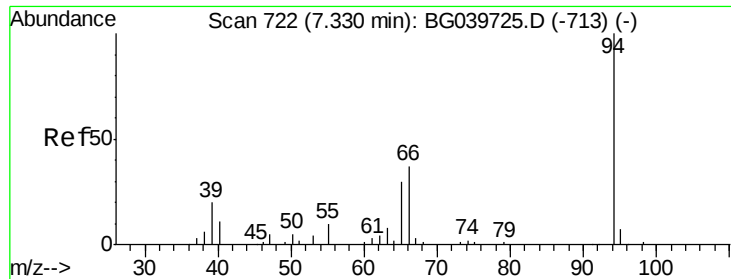


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

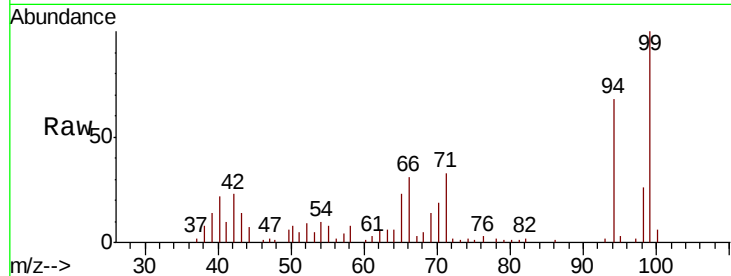




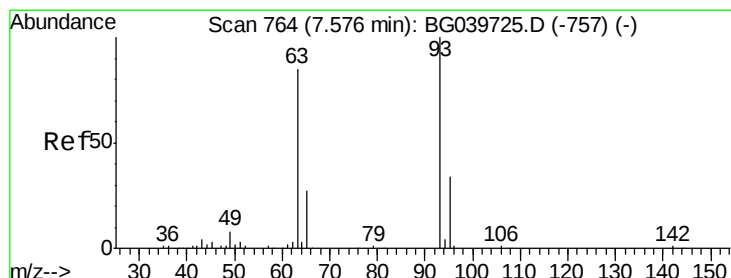
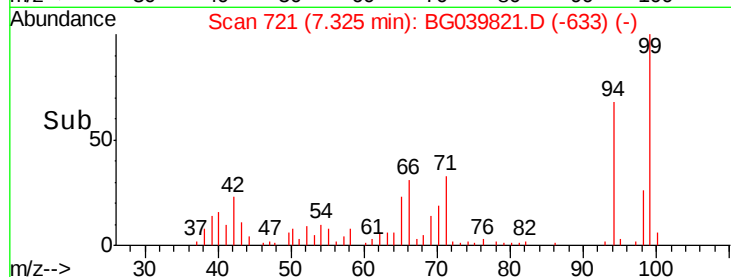
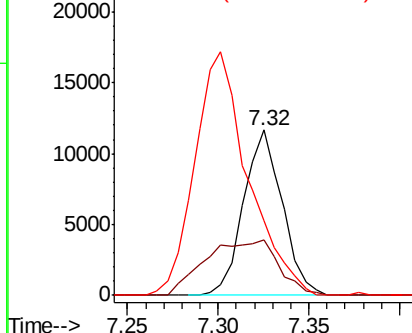
#10
Phenol
Concen: 4.653 ng
RT: 7.32 min Scan# 721
Delta R.T. -0.01 min
Lab File: BG039821.D
Acq: 8 Mar 2019 15:00

Instrument :
BNA_G
ClientSampled :

Tot Ion: 94 Resp: 17394
Ion Ratio Lower Upper
94 100
65 33.9 11.7 51.7
66 45.2 23.7 63.7

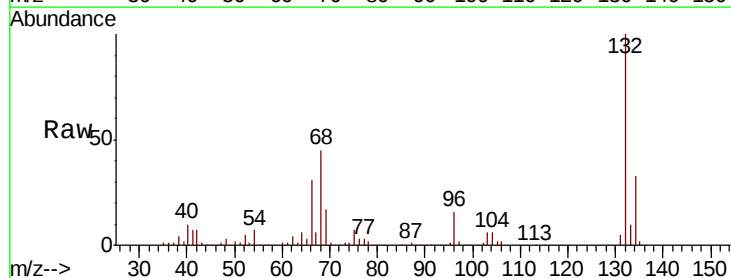


Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

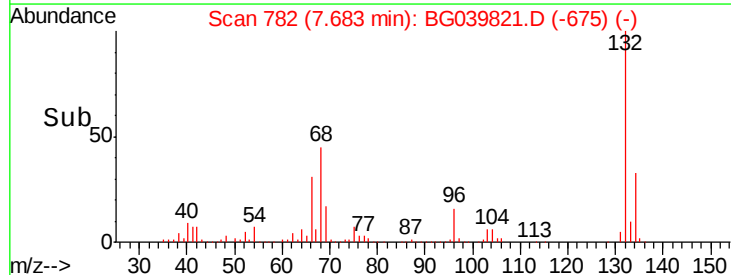
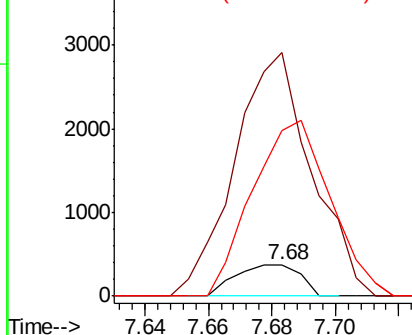


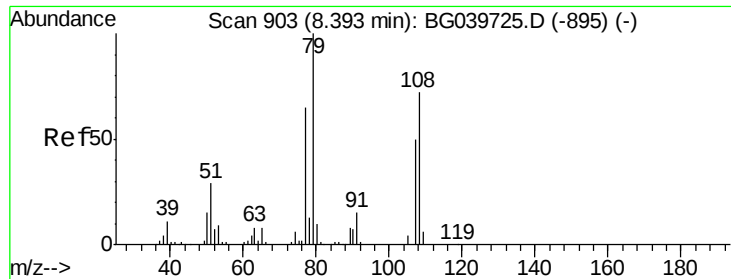
#11
bis(2-Chloroethyl)ether
Concen: 0.180 ng
RT: 7.68 min Scan# 782
Delta R.T. 0.10 min
Lab File: BG039821.D
Acq: 8 Mar 2019 15:00

Tgt Ion: 93 Resp: 526
Ion Ratio Lower Upper
93 100
63 778.3 69.5 109.5#
95 529.7 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: 1.661 ng

RT: 8.48 min Scan# 917

Delta R.T. 0.07 min

Lab File: BG039821.D

Acq: 8 Mar 2019 15:00

Instrument :

BNA_G

ClientSampleId :

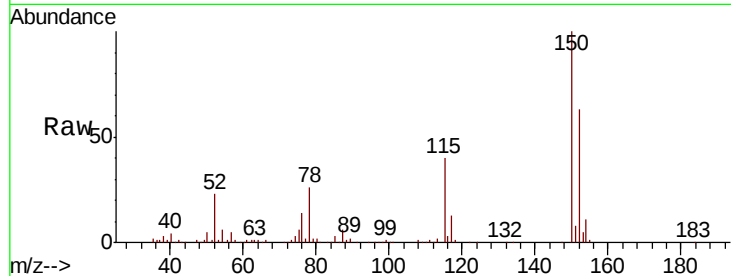
Tot Ion: 79 Resp: 4547

Ion Ratio Lower Upper

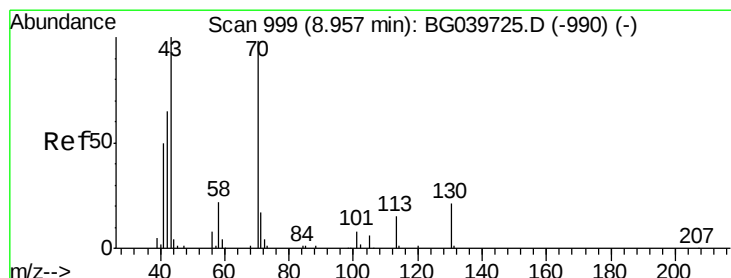
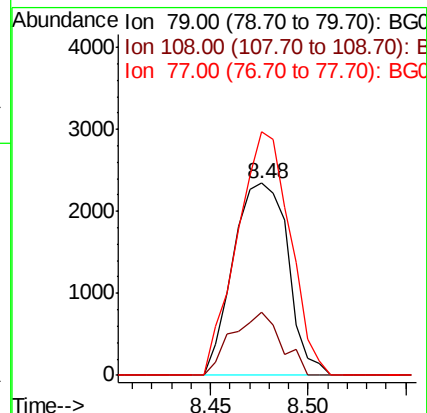
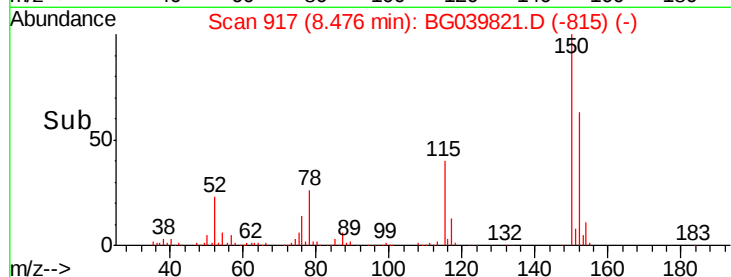
79 100

108 32.8 57.8 86.6#

77 126.9 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



#19

n-Nitroso-di-n-propylamine

Concen: 16.290 ng

RT: 9.33 min Scan# 1062

Delta R.T. 0.36 min

Lab File: BG039821.D

Acq: 8 Mar 2019 15:00

Tgt Ion: 70 Resp: 40460

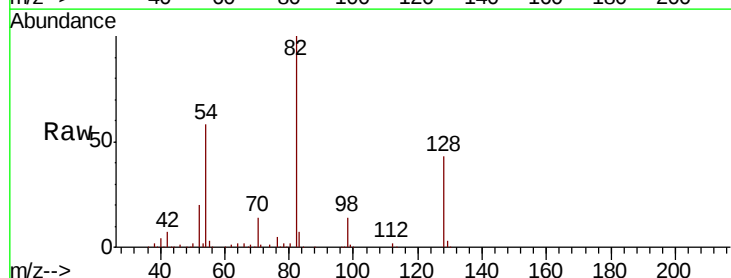
Ion Ratio Lower Upper

70 100

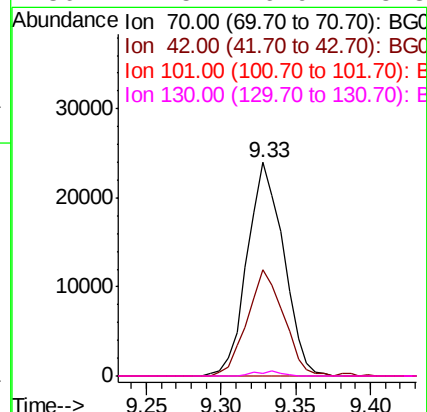
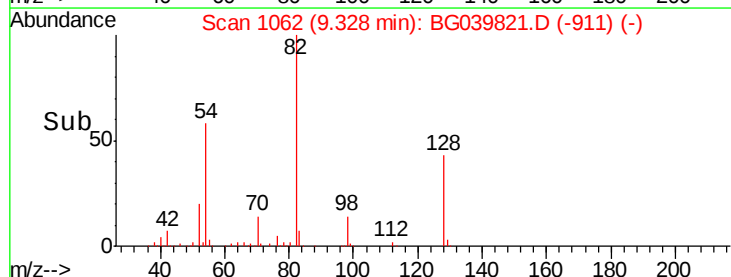
42 49.6 60.4 90.6#

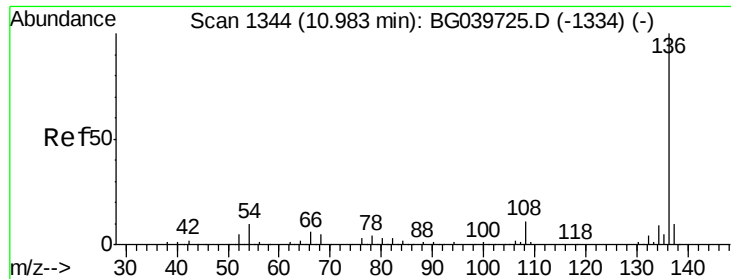
101 0.0 7.5 11.3#

130 1.5 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

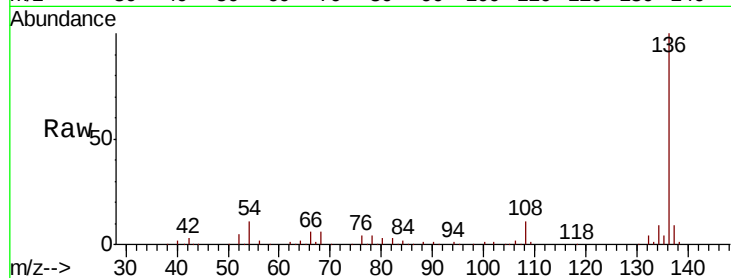




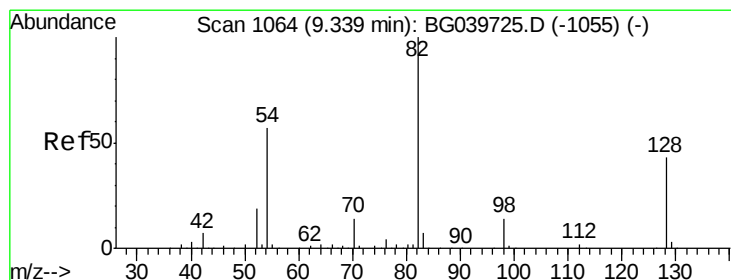
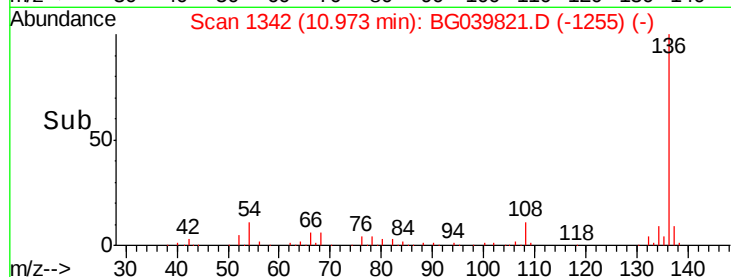
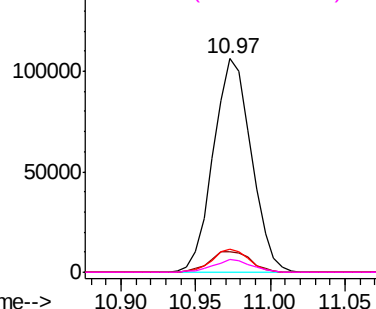
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BG039821.D
Acq: 8 Mar 2019 15:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	187089
Ion	Ratio	Lower	Upper
136	100		
137	9.4	9.1	13.7
54	11.0	9.4	14.2
68	5.8	4.2	6.4

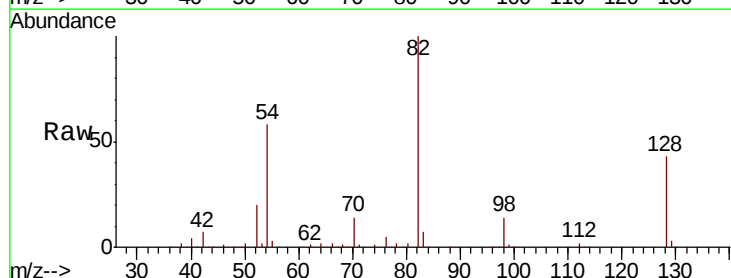


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

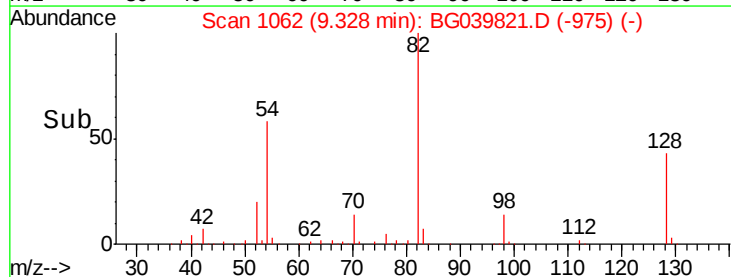
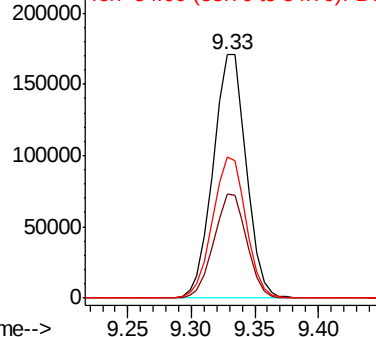


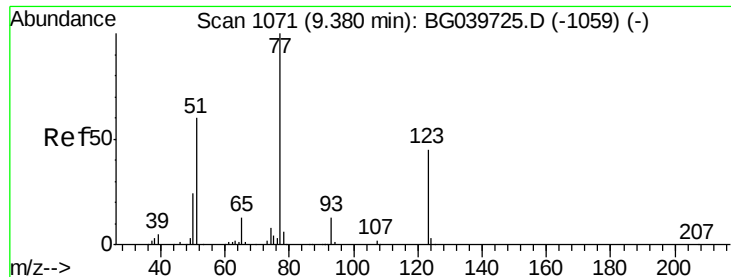
#23
Nitrobenzene-d5
Concen: 89.967 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BG039821.D
Acq: 8 Mar 2019 15:00

Tgt Ion:	82	Resp:	311215
Ion	Ratio	Lower	Upper
82	100		
128	42.8	31.3	46.9
54	57.8	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: 0.138 ng

RT: 9.32 min Scan# 1061

Delta R.T. -0.06 min

Lab File: BG039821.D

Acq: 8 Mar 2019 15:00

Instrument :

BNA_G

ClientSampleId :

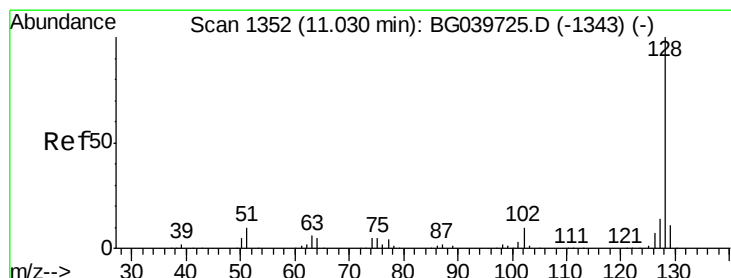
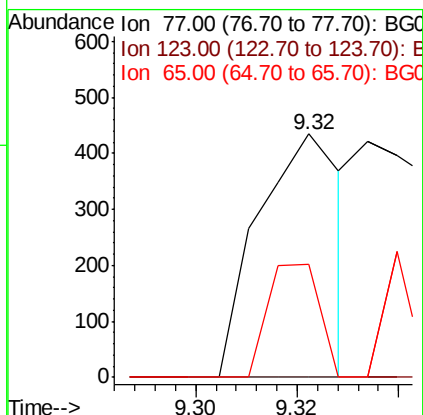
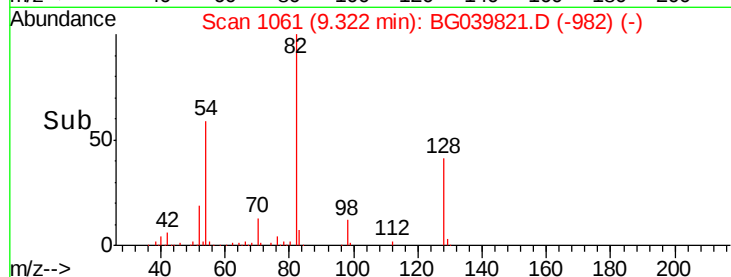
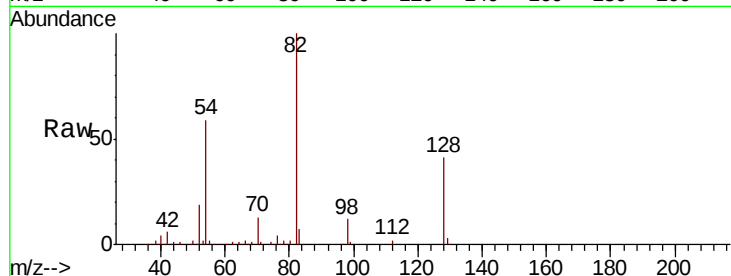
Tot Ion: 77 Resp: 500

Ion Ratio Lower Upper

77 100

123 0.0 34.1 51.1#

65 46.7 12.3 18.5#



#31

Naphthalene

Concen: 0.006 ng

RT: 11.43 min Scan# 1420

Delta R.T. 0.39 min

Lab File: BG039821.D

Acq: 8 Mar 2019 15:00

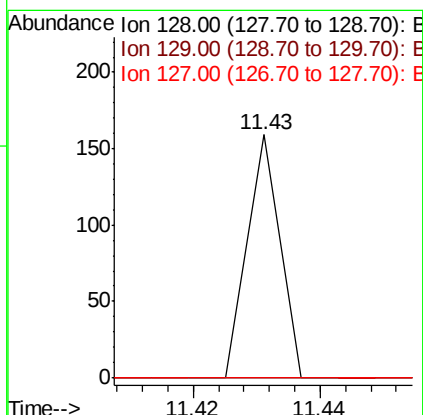
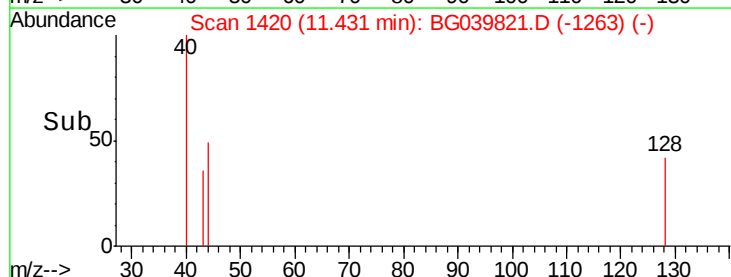
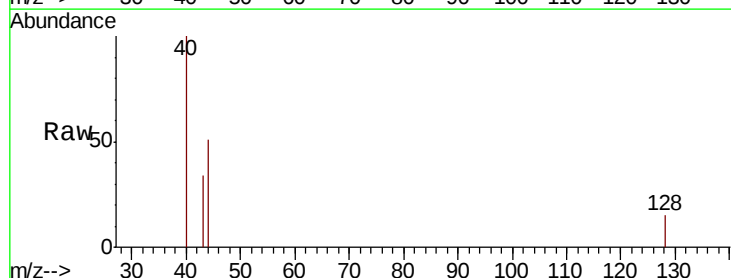
Tgt Ion: 128 Resp: 56

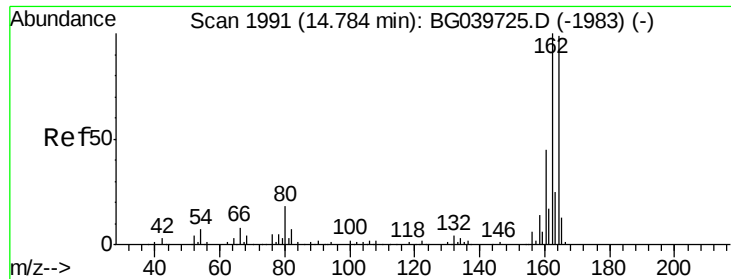
Ion Ratio Lower Upper

128 100

129 0.0 8.7 13.1#

127 0.0 10.8 16.2#

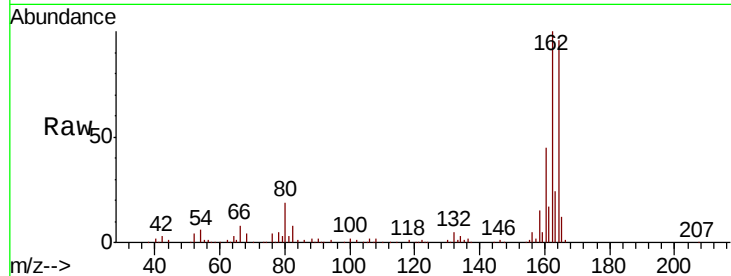




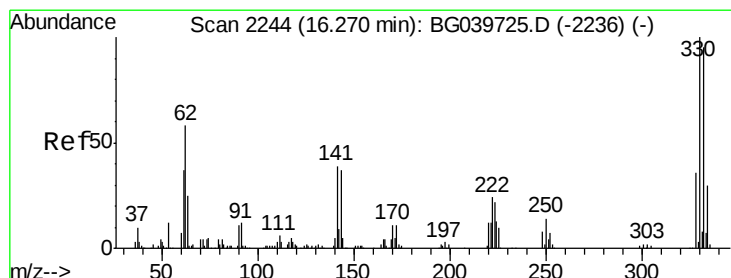
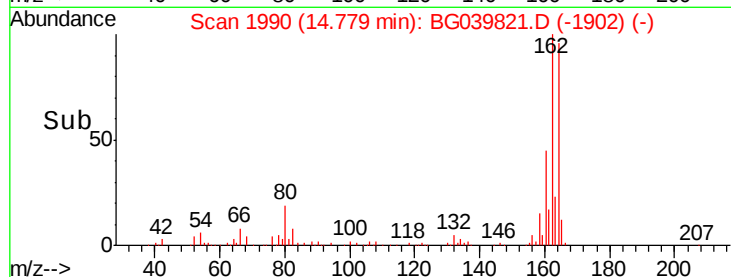
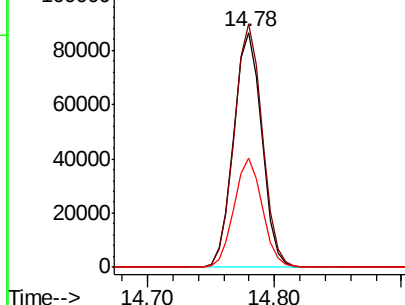
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG039821.D
Acq: 8 Mar 2019 15:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 132315
Ion Ratio Lower Upper
164 100
162 103.7 81.6 122.4
160 46.3 34.2 51.2

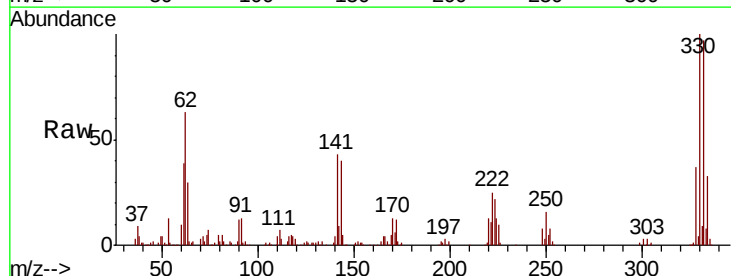


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

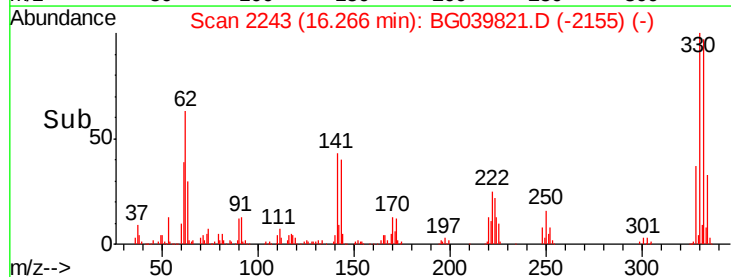
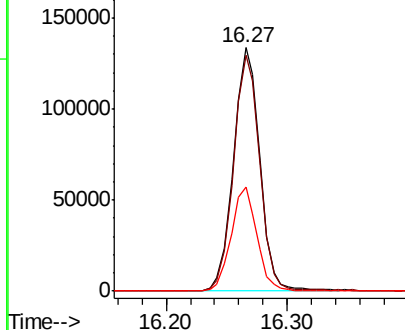


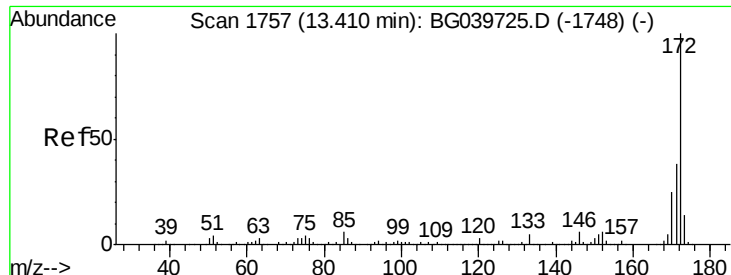
#42
2,4,6-Tribromophenol
Concen: 131.433 ng
RT: 16.27 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BG039821.D
Acq: 8 Mar 2019 15:00

Tgt Ion:330 Resp: 202700
Ion Ratio Lower Upper
330 100
332 96.6 75.7 113.5
141 42.0 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

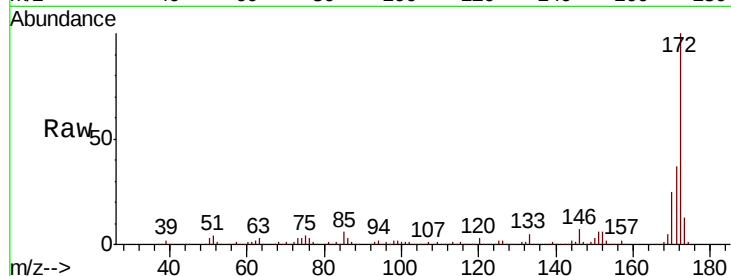




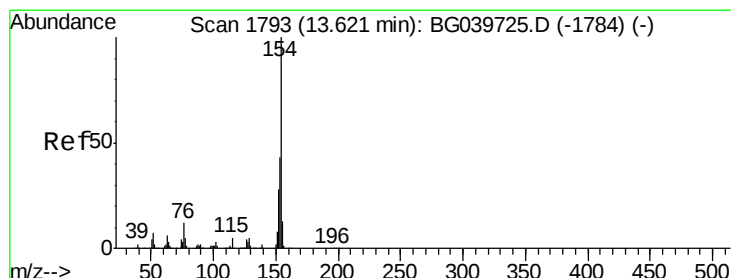
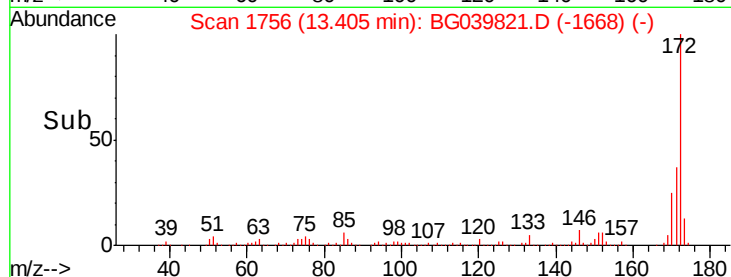
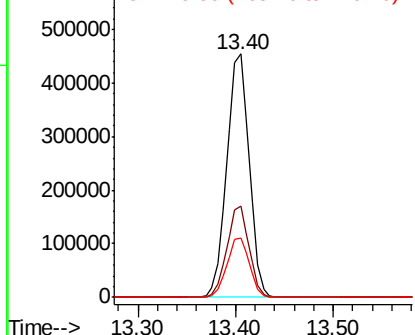
#45
 2-Fluorobiphenyl
 Concen: 77.742 ng
 RT: 13.40 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BG039821.D
 Acq: 8 Mar 2019 15:00

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 722451
 Ion Ratio Lower Upper
 172 100
 171 37.5 30.8 46.2
 170 24.5 20.2 30.4

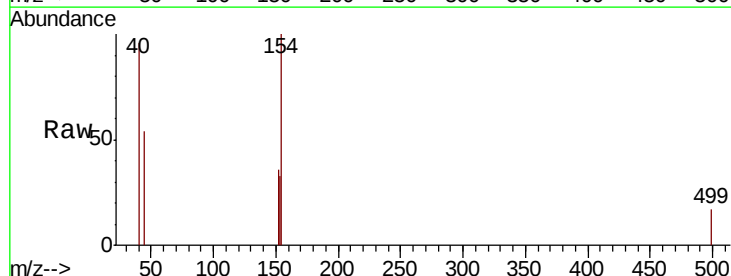


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

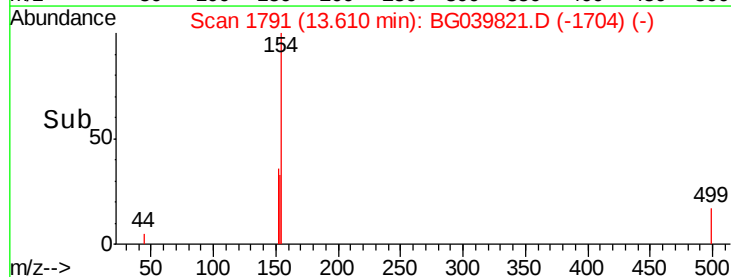
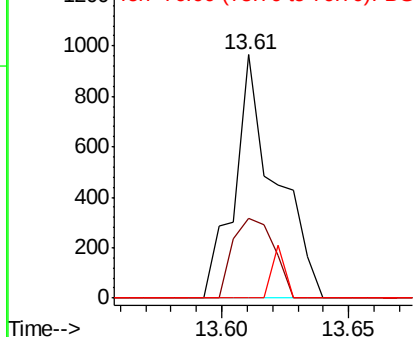


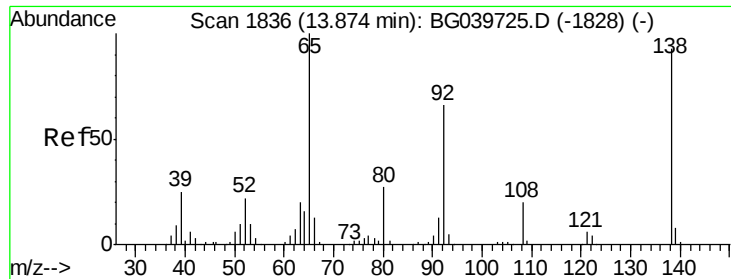
#46
 1,1'-Biphenyl
 Concen: 0.100 ng
 RT: 13.61 min Scan# 1791
 Delta R.T. -0.02 min
 Lab File: BG039821.D
 Acq: 8 Mar 2019 15:00

Tgt Ion:154 Resp: 1084
 Ion Ratio Lower Upper
 154 100
 153 32.6 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

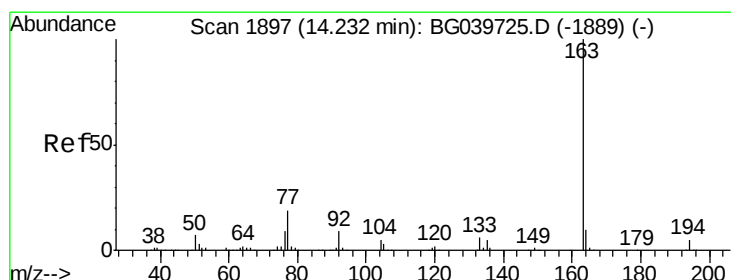
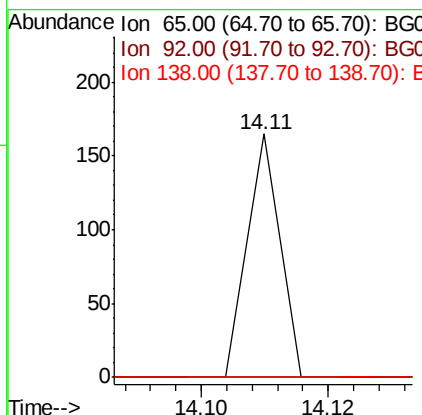
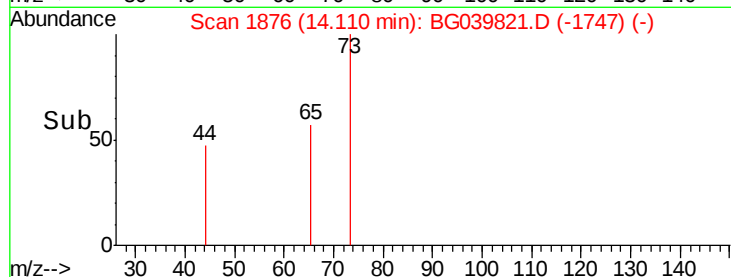
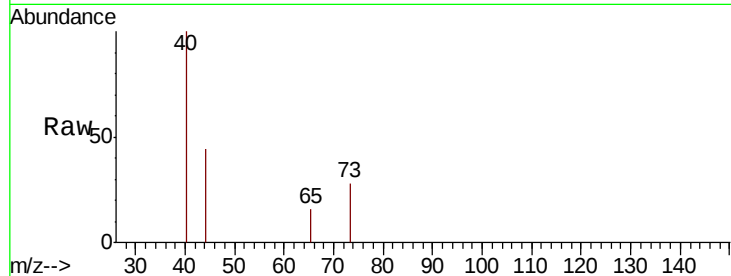




#48
2-Nitroaniline
Concen: 0.022 ng
RT: 14.11 min Scan# 1876
Delta R.T. 0.23 min
Lab File: BG039821.D
Acq: 8 Mar 2019 15:00

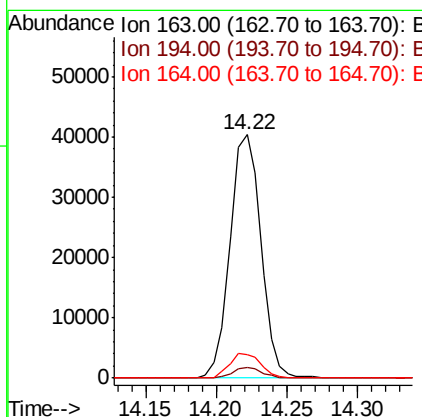
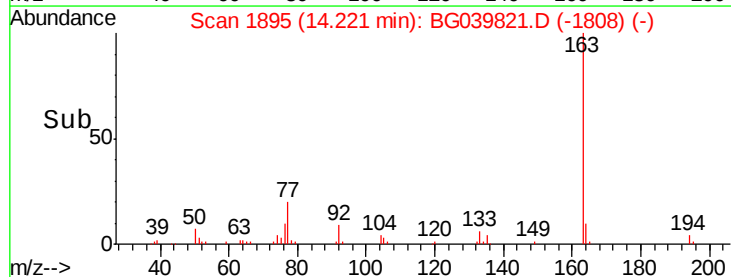
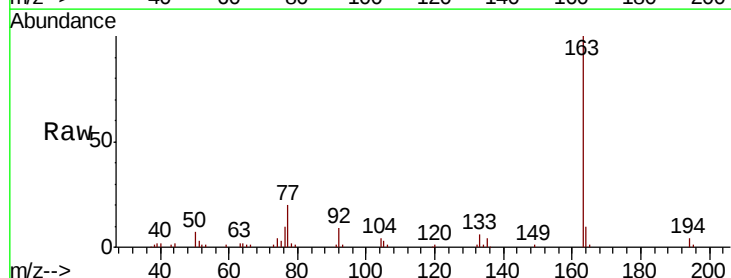
Instrument :
BNA_G
ClientSampleId :

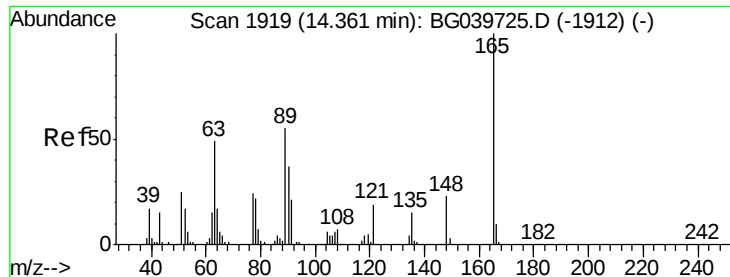
Tot Ion: 65 Resp: 58
Ion Ratio Lower Upper
65 100
92 0.0 51.4 77.2#
138 0.0 71.4 107.2#



#50
Dimethylphthalate
Concen: 5.570 ng
RT: 14.22 min Scan# 1895
Delta R.T. -0.02 min
Lab File: BG039821.D
Acq: 8 Mar 2019 15:00

Tgt Ion: 163 Resp: 61629
Ion Ratio Lower Upper
163 100
194 4.3 3.6 5.4
164 9.6 8.4 12.6

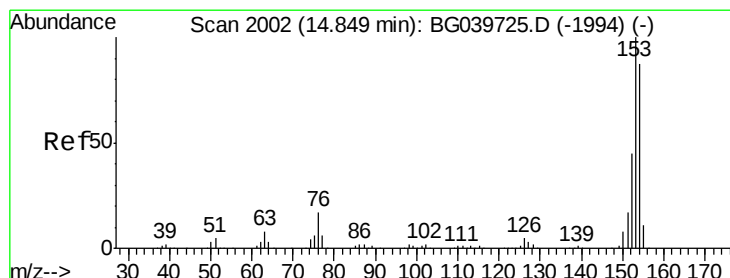
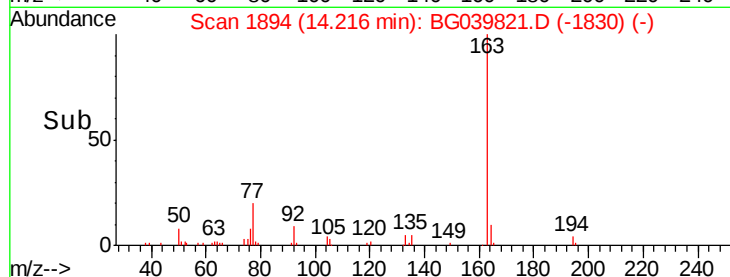
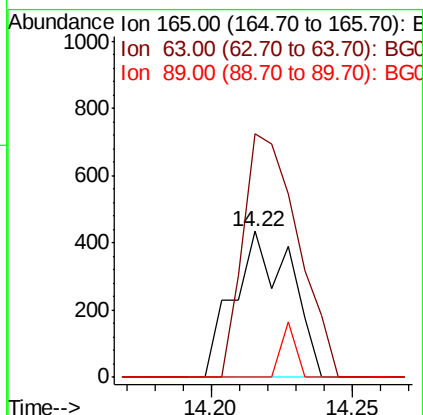
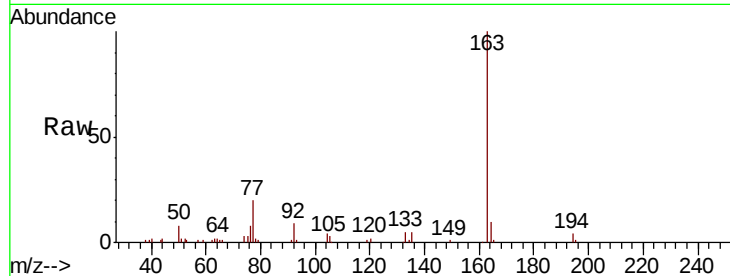




#51
 2,6-Dinitrotoluene
 Concen: 0.258 ng
 RT: 14.22 min Scan# 1894
 Delta R.T. -0.15 min
 Lab File: BG039821.D
 Acq: 8 Mar 2019 15:00

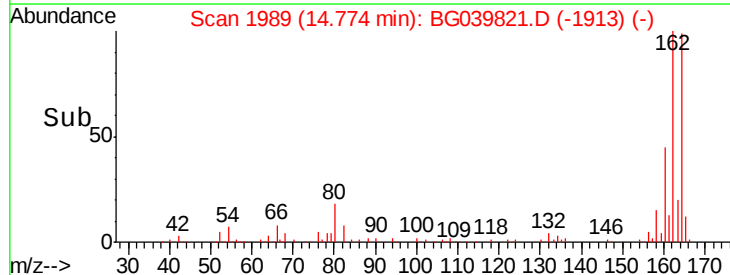
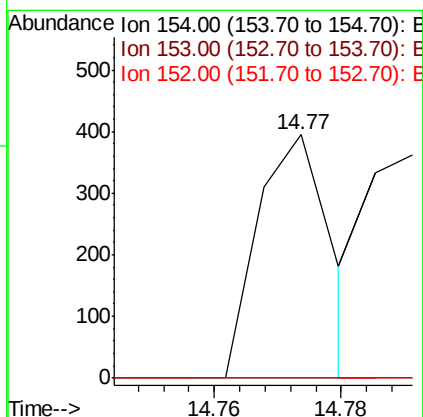
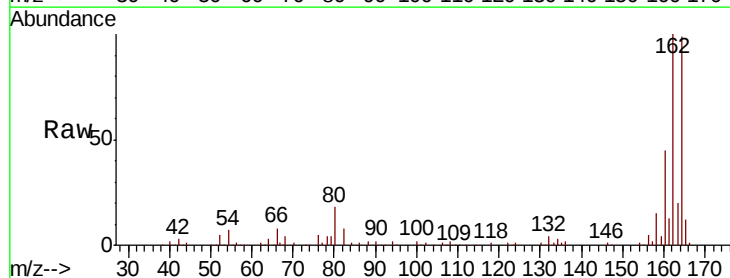
Instrument :
 BNA_G
 ClientSampleId :

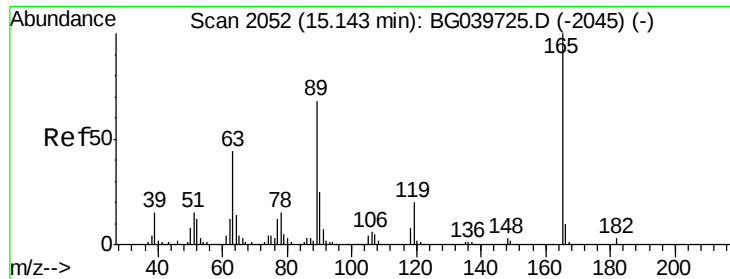
Tot Ion:165 Resp: 606
 Ion Ratio Lower Upper
 165 100
 63 166.8 47.0 70.6#
 89 0.0 45.8 68.8#



#52
 Acenaphthene
 Concen: 0.039 ng
 RT: 14.77 min Scan# 1989
 Delta R.T. -0.08 min
 Lab File: BG039821.D
 Acq: 8 Mar 2019 15:00

Tgt Ion:154 Resp: 312
 Ion Ratio Lower Upper
 154 100
 153 0.0 90.1 135.1#
 152 0.0 40.9 61.3#

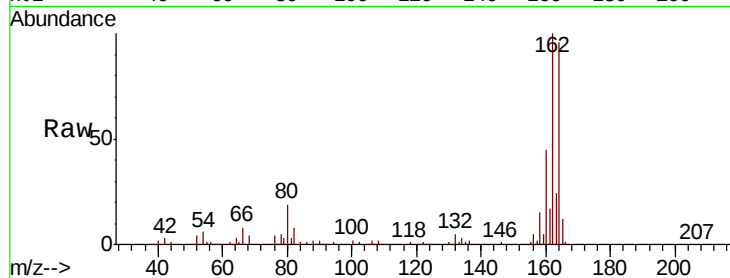




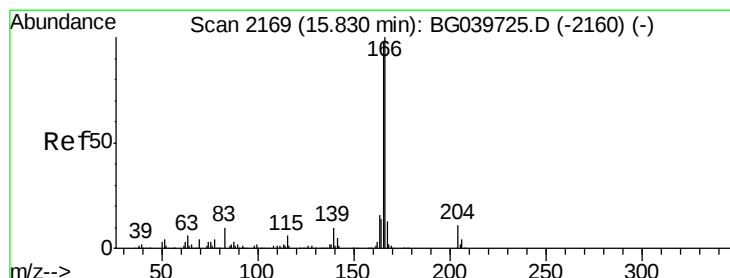
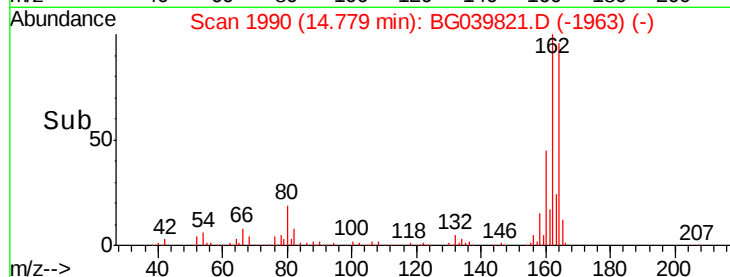
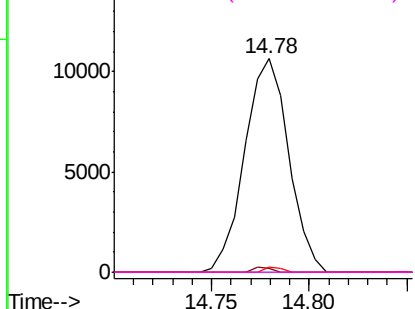
#57
 2,4-Dinitrotoluene
 Concen: 5.031 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. -0.37 min
 Lab File: BG039821.D
 Acq: 8 Mar 2019 15:00

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 16581
 Ion Ratio Lower Upper
 165 100
 63 1.8 41.0 61.6#
 89 2.4 64.6 96.8#
 182 0.0 2.0 3.0#

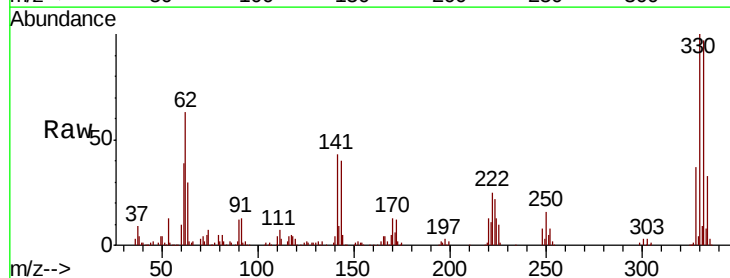


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

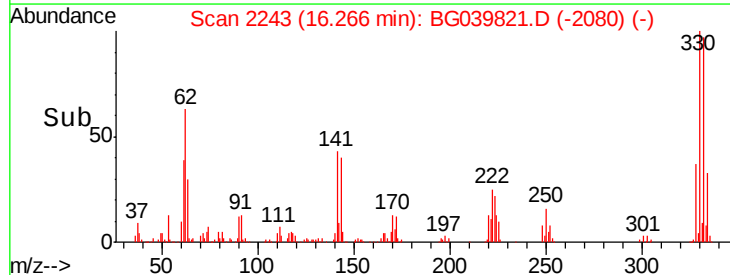
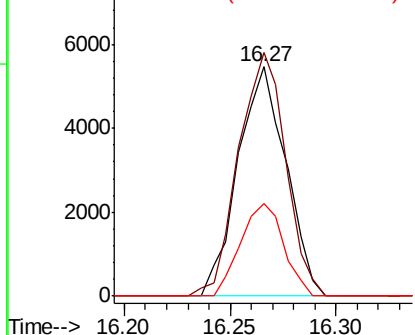


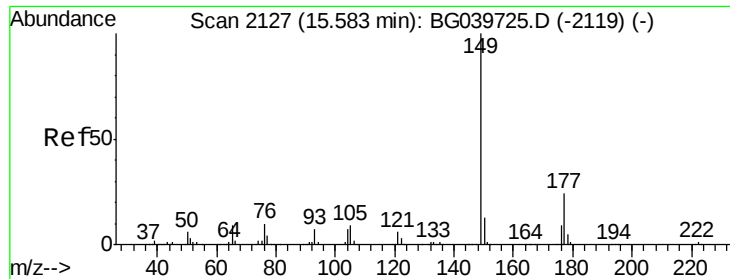
#58
 Fluorene
 Concen: 0.825 ng
 RT: 16.27 min Scan# 2243
 Delta R.T. 0.43 min
 Lab File: BG039821.D
 Acq: 8 Mar 2019 15:00

Tgt Ion:166 Resp: 8607
 Ion Ratio Lower Upper
 166 100
 165 106.3 77.9 116.9
 167 40.5 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

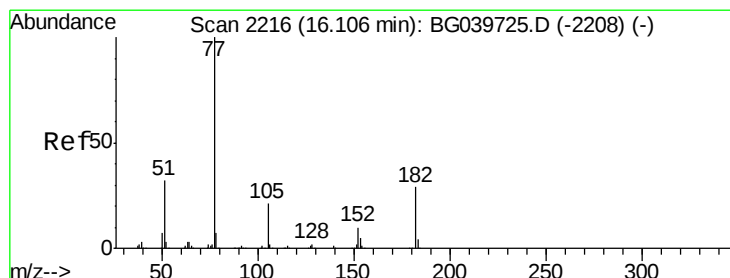
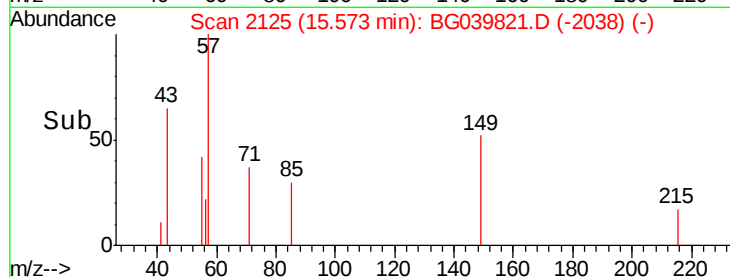
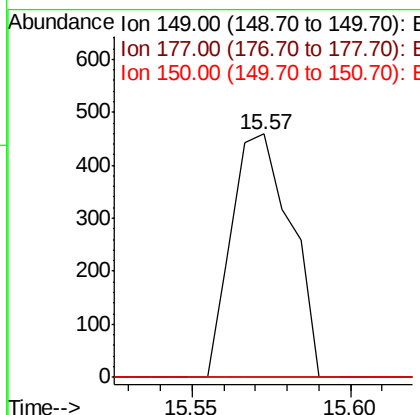
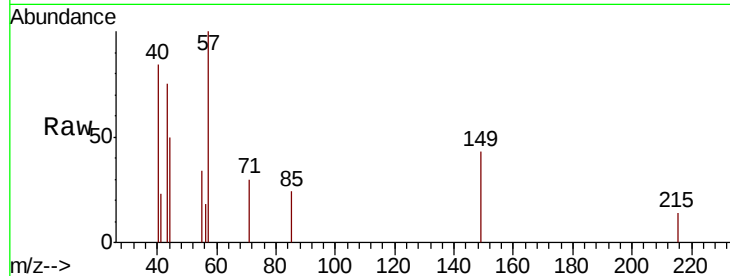




#60
Diethylphthalate
Concen: 0.054 ng
RT: 15.57 min Scan# 2125
Delta R.T. -0.02 min
Lab File: BG039821.D
Acq: 8 Mar 2019 15:00

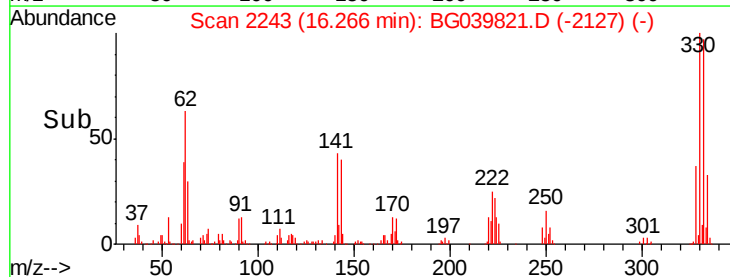
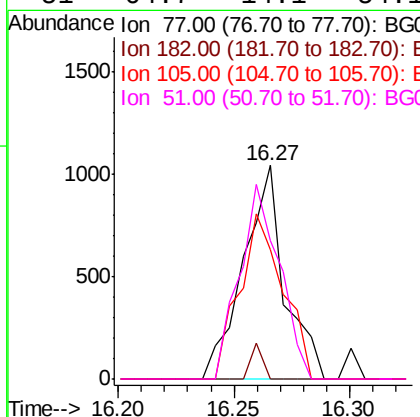
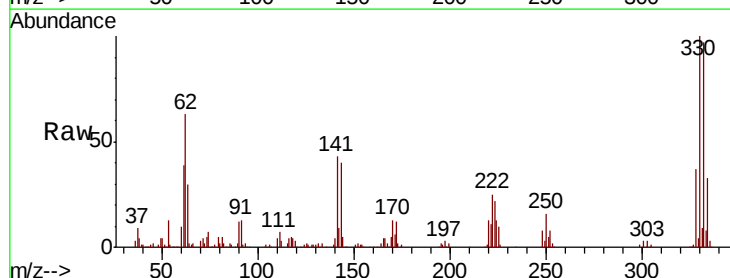
Instrument :
BNA_G
ClientSampleId :

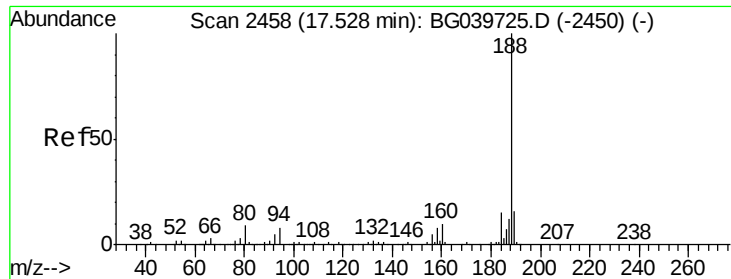
Tot Ion:149 Resp: 594
Ion Ratio Lower Upper
149 100
177 0.0 18.3 27.5#
150 0.0 10.2 15.2#



#63
Azobenzene
Concen: 0.131 ng
RT: 16.27 min Scan# 2243
Delta R.T. 0.15 min
Lab File: BG039821.D
Acq: 8 Mar 2019 15:00

Tgt Ion: 77 Resp: 1297
Ion Ratio Lower Upper
77 100
182 0.0 6.4 46.4#
105 60.5 0.0 39.8#
51 64.7 14.1 54.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.52 min Scan# 2457

Delta R.T. -0.01 min

Lab File: BG039821.D

Acq: 8 Mar 2019 15:00

Instrument :

BNA_G

ClientSampled :

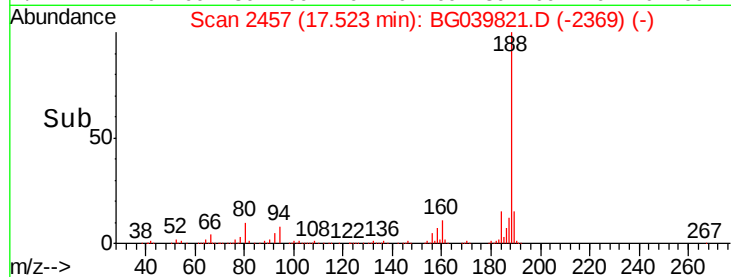
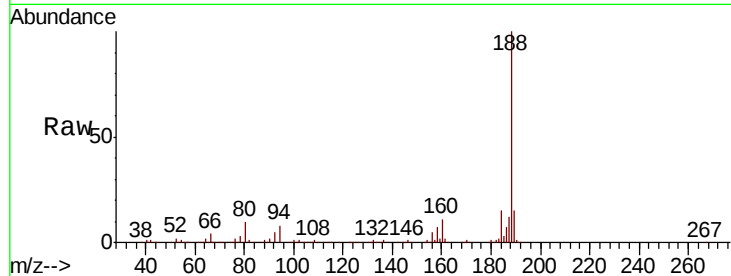
Tot Ion:188 Resp: 323383

Ion Ratio Lower Upper

188 100

94 7.7 6.9 10.3

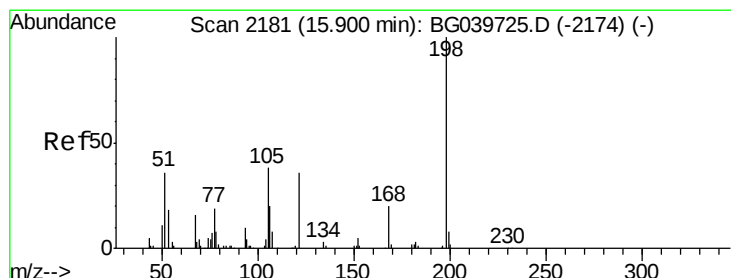
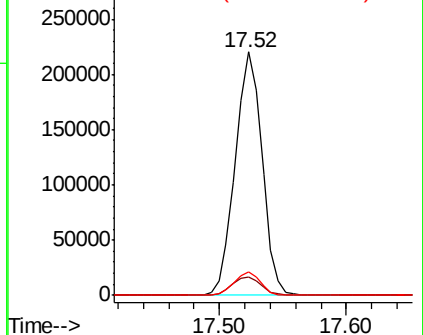
80 9.8 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#65

4,6-Dinitro-2-methylphenol

Concen: 0.303 ng

RT: 16.27 min Scan# 2243

Delta R.T. 0.36 min

Lab File: BG039821.D

Acq: 8 Mar 2019 15:00

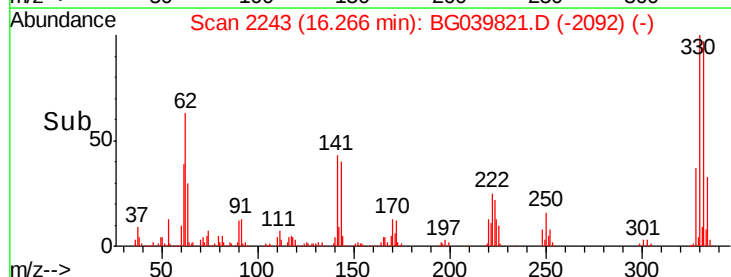
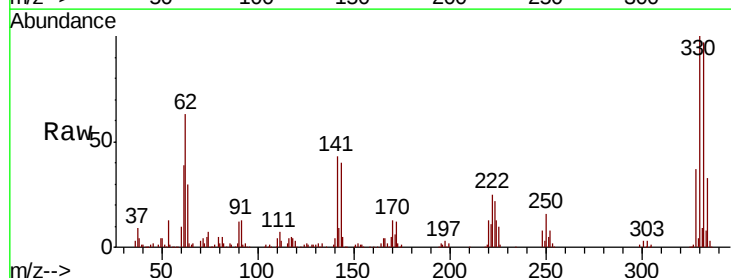
Tgt Ion:198 Resp: 579

Ion Ratio Lower Upper

198 100

51 148.8 27.4 67.4#

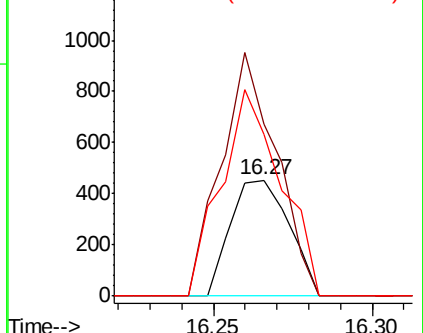
105 139.1 19.7 59.7#

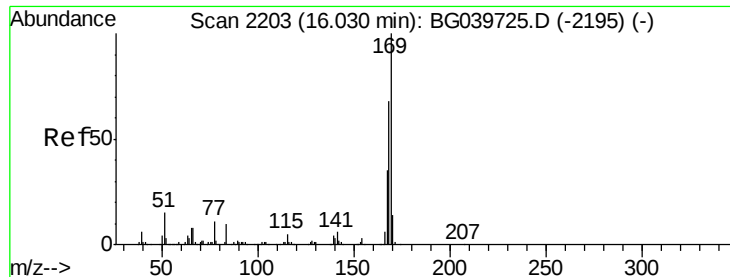


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

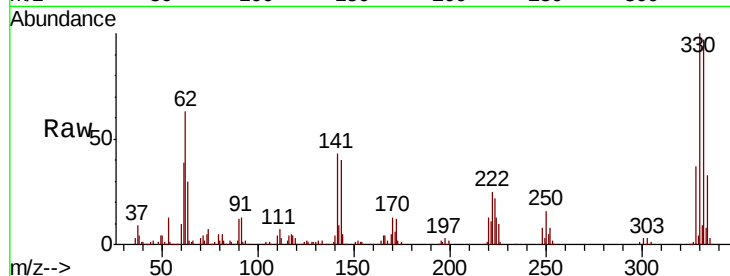




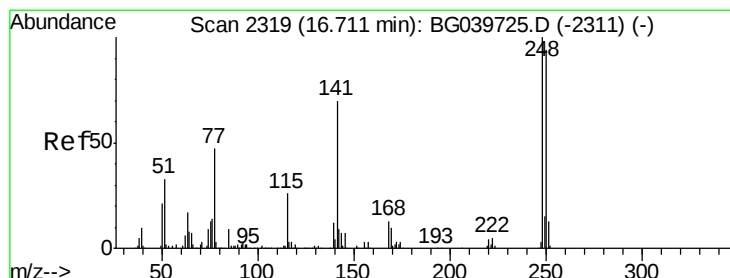
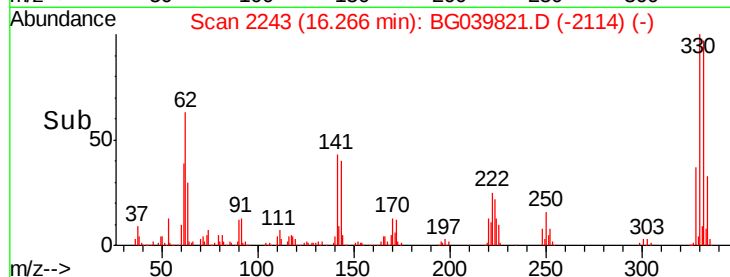
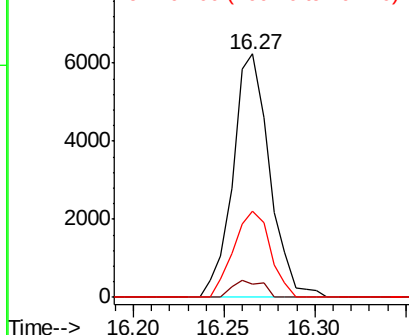
#66
n-Nitrosodiphenylamine
Concen: 0.940 ng
RT: 16.27 min Scan# 2243
Delta R.T. 0.23 min
Lab File: BG039821.D
Acq: 8 Mar 2019 15:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:169 Resp: 8798
Ion Ratio Lower Upper
169 100
168 5.7 56.6 85.0#
167 35.4 28.8 43.2

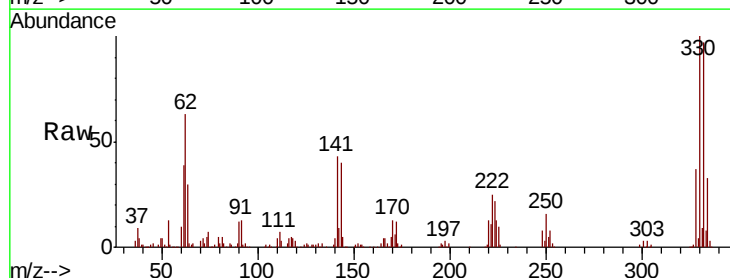


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

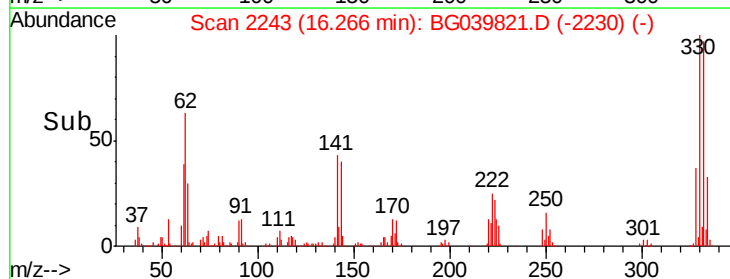
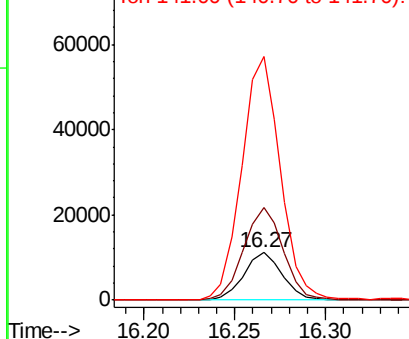


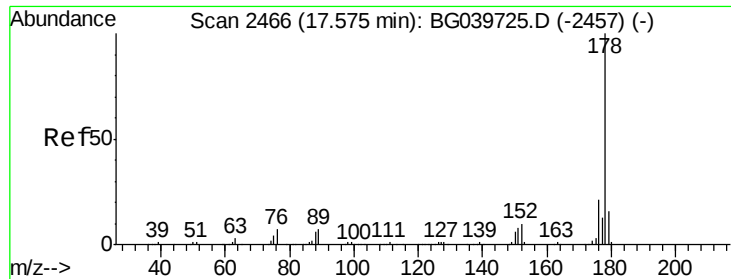
#67
4-Bromophenyl-phenylether
Concen: 4.552 ng
RT: 16.27 min Scan# 2243
Delta R.T. -0.45 min
Lab File: BG039821.D
Acq: 8 Mar 2019 15:00

Tgt Ion:248 Resp: 16478
Ion Ratio Lower Upper
248 100
250 193.2 77.6 116.4#
141 510.6 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

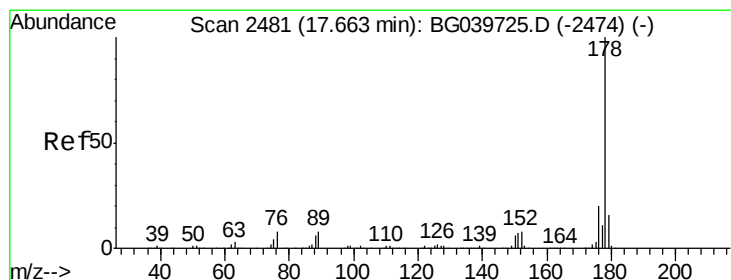
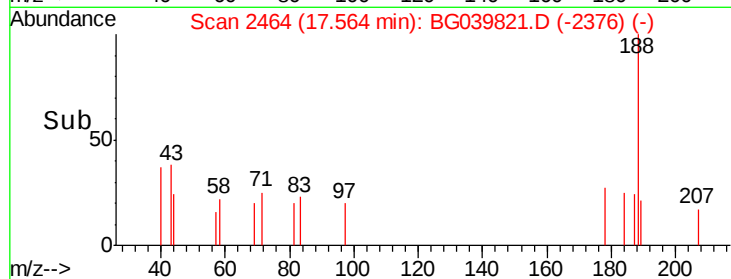
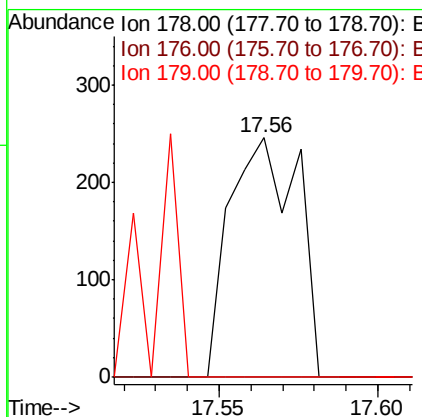
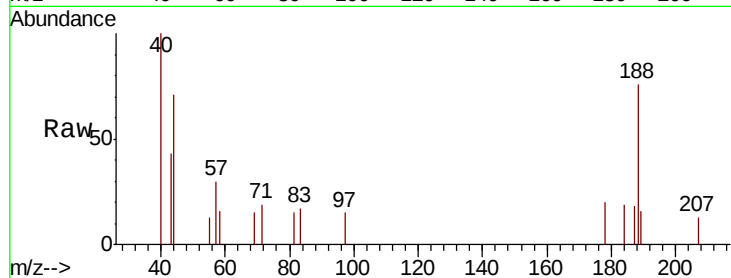




#71
Phenanthrene
Concen: 0.020 ng
RT: 17.56 min Scan# 2464
Delta R.T. -0.01 min
Lab File: BG039821.D
Acq: 8 Mar 2019 15:00

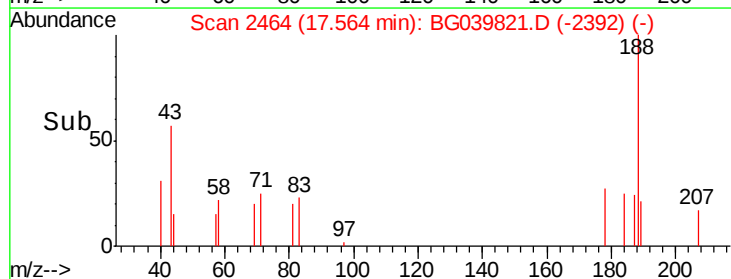
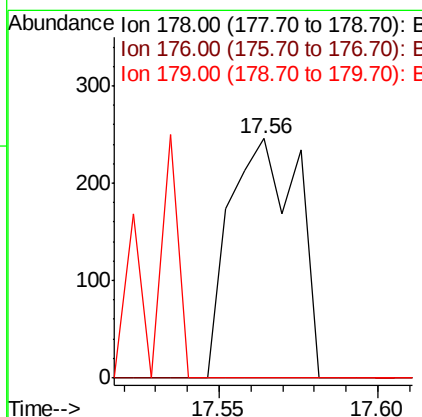
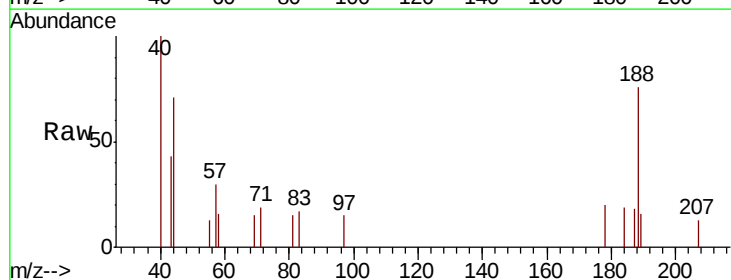
Instrument :
BNA_G
ClientSampleId :

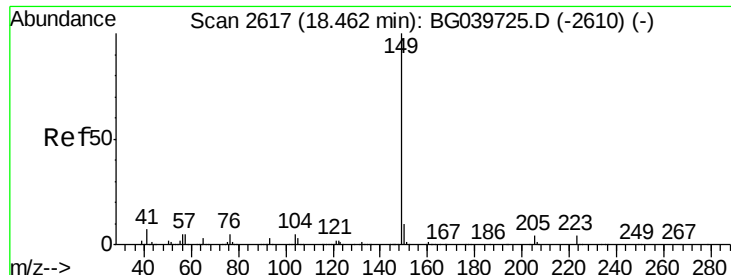
Tot Ion:178 Resp: 365
Ion Ratio Lower Upper
178 100
176 0.0 16.2 24.4#
179 0.0 12.6 19.0#



#72
Anthracene
Concen: 0.021 ng
RT: 17.56 min Scan# 2464
Delta R.T. -0.11 min
Lab File: BG039821.D
Acq: 8 Mar 2019 15:00

Tgt Ion:178 Resp: 365
Ion Ratio Lower Upper
178 100
176 0.0 15.8 23.6#
179 0.0 12.5 18.7#





#74

Di-n-butylphthalate

Concen: 0.050 ng

RT: 18.46 min Scan# 2616

Delta R.T. -0.01 min

Lab File: BG039821.D

Acq: 8 Mar 2019 15:00

Instrument :

BNA_G

ClientSampled :

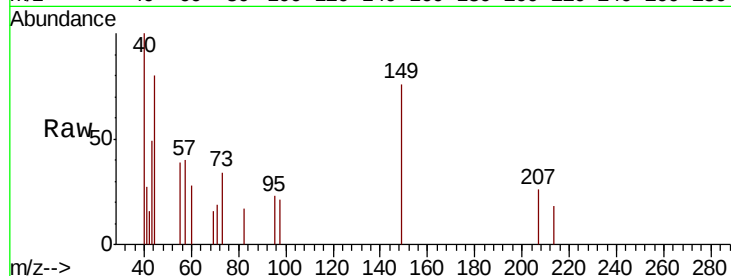
Tot Ion:149 Resp: 925

Ion Ratio Lower Upper

149 100

150 0.0 7.7 11.5#

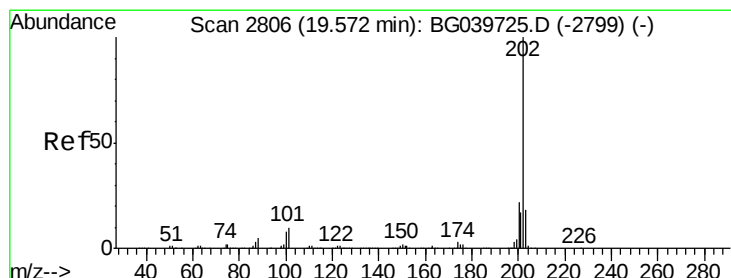
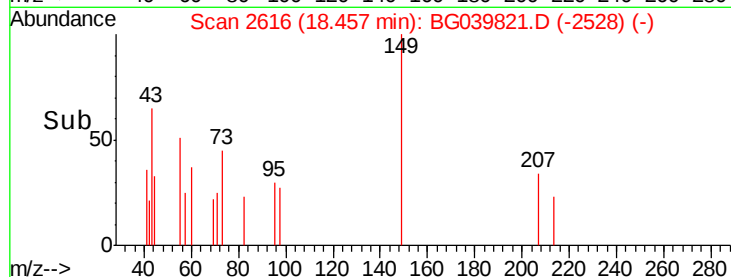
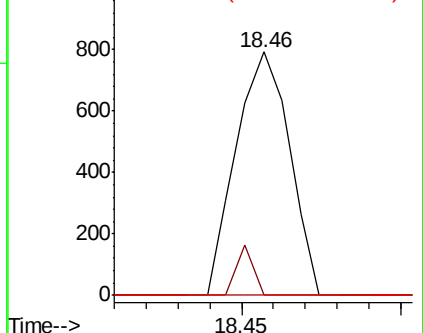
104 0.0 4.5 6.7#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 0.020 ng

RT: 19.58 min Scan# 2807

Delta R.T. 0.00 min

Lab File: BG039821.D

Acq: 8 Mar 2019 15:00

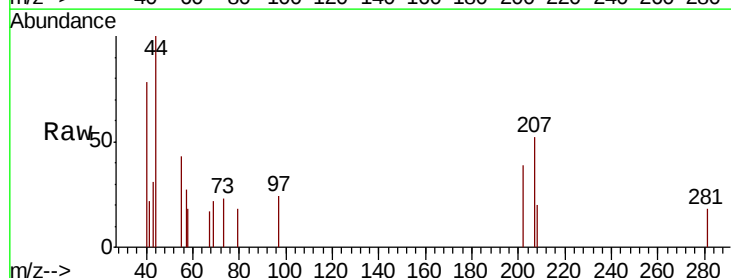
Tgt Ion:202 Resp: 419

Ion Ratio Lower Upper

202 100

101 0.0 0.0 30.0

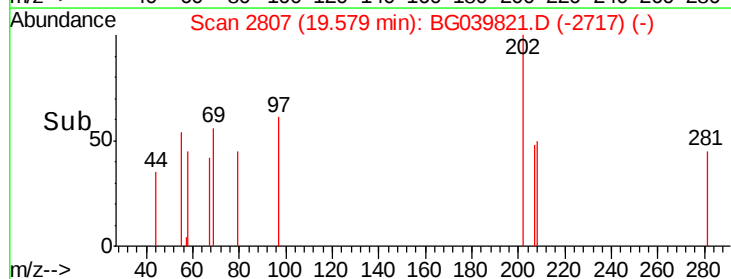
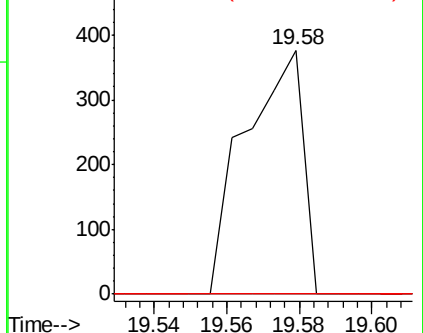
203 0.0 0.0 38.9

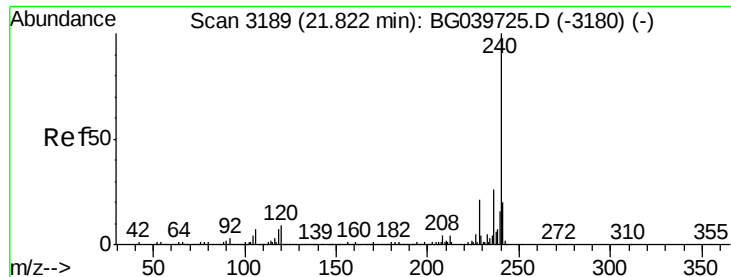


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

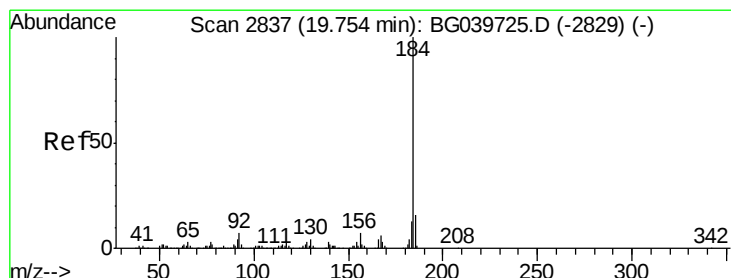
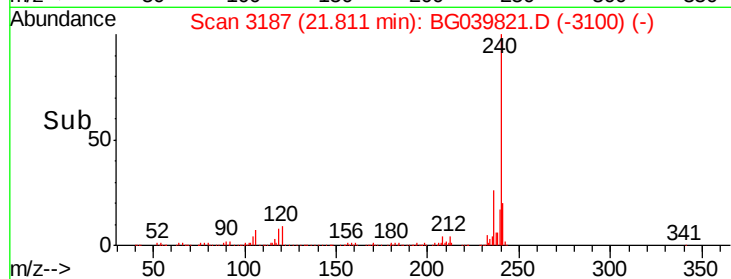
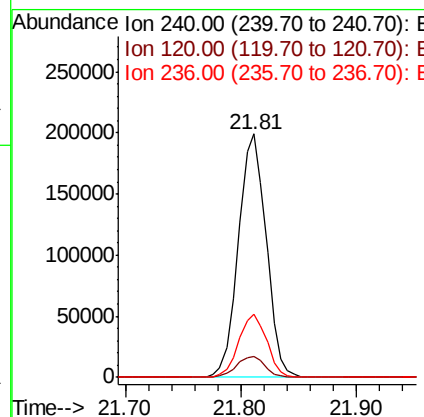
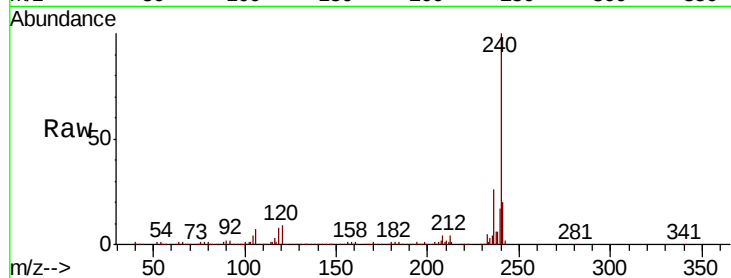




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3187
Delta R.T. -0.02 min
Lab File: BG039821.D
Acq: 8 Mar 2019 15:00

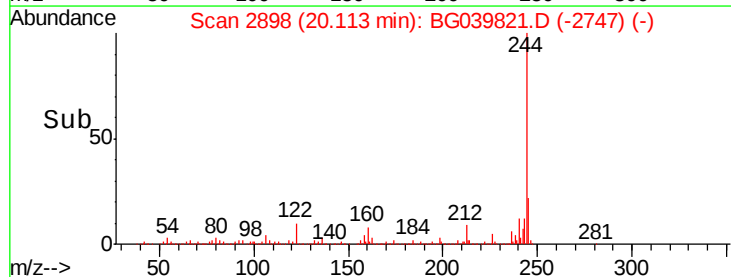
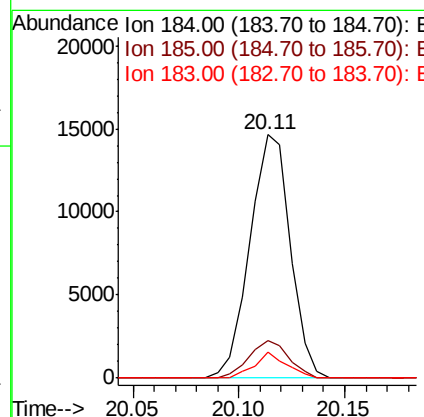
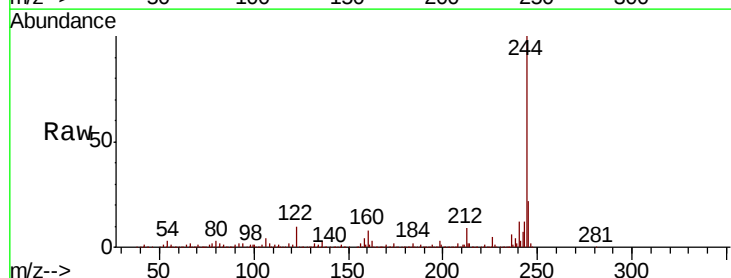
Instrument :
BNA_G
ClientSampled :

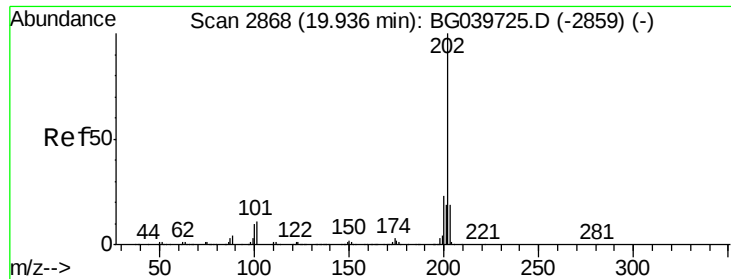
Tot Ion:240 Resp: 331837
Ion Ratio Lower Upper
240 100
120 8.8 7.0 10.6
236 26.0 21.0 31.4



#77
Benzidine
Concen: 1.851 ng
RT: 20.11 min Scan# 2898
Delta R.T. 0.36 min
Lab File: BG039821.D
Acq: 8 Mar 2019 15:00

Tgt Ion:184 Resp: 19493
Ion Ratio Lower Upper
184 100
185 15.4 12.2 18.2
183 10.6 10.6 15.8





#78

Pvrene

Concen: 0.018 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG039821.D

Acq: 8 Mar 2019 15:00

Instrument :

BNA_G

ClientSampleId :

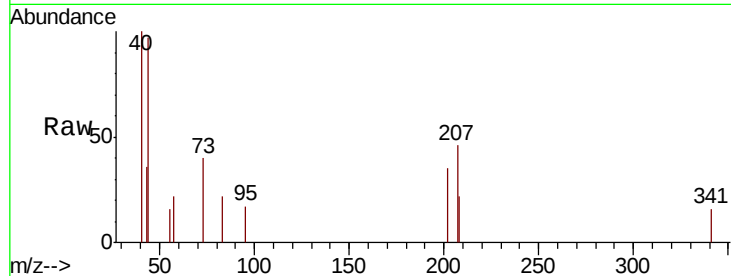
Tot Ion:202 Resp: 394

Ion Ratio Lower Upper

202 100

200 0.0 17.8 26.8#

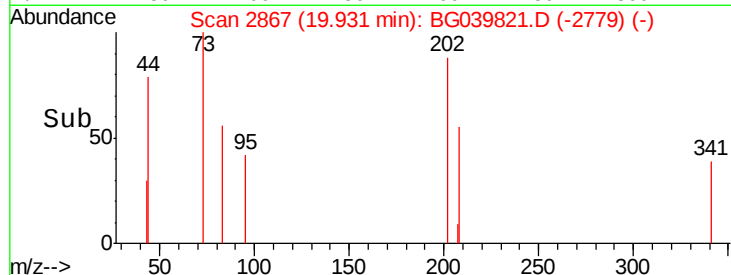
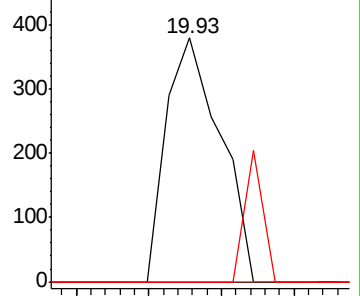
203 0.0 15.3 22.9#



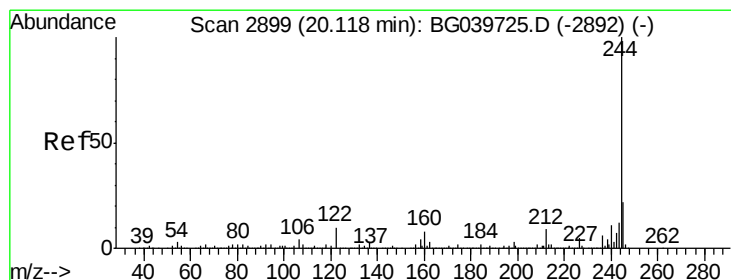
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#79

Terphenyl-d14

Concen: 72.949 ng

RT: 20.11 min Scan# 2898

Delta R.T. -0.01 min

Lab File: BG039821.D

Acq: 8 Mar 2019 15:00

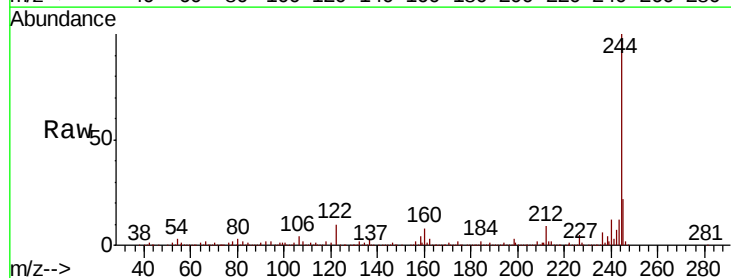
Tgt Ion:244 Resp: 1099422

Ion Ratio Lower Upper

244 100

212 9.0 7.3 10.9

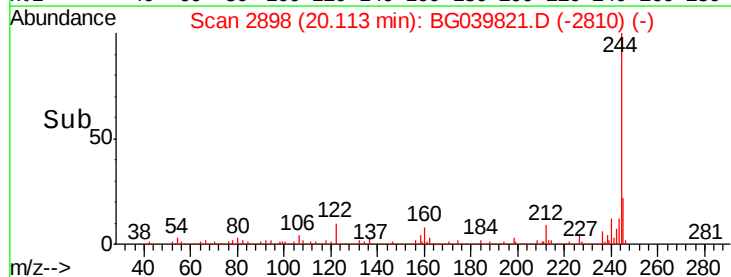
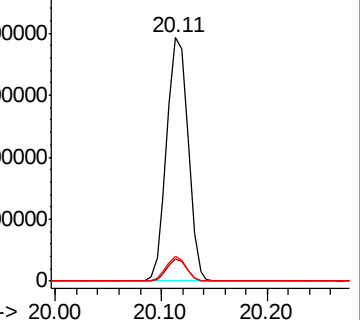
122 10.3 8.4 12.6



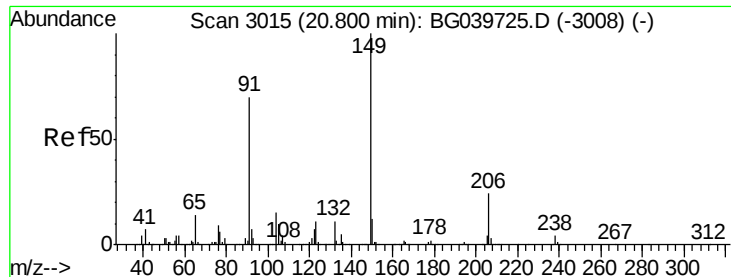
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



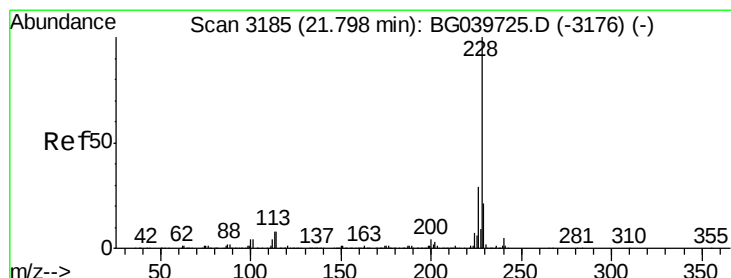
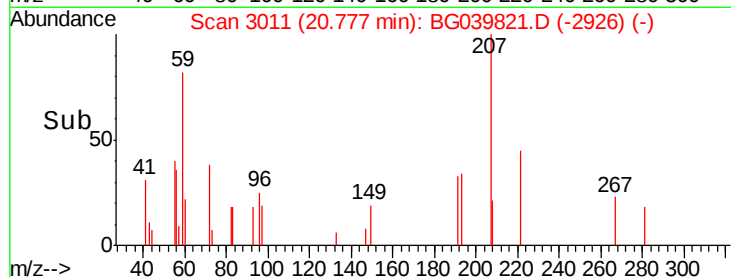
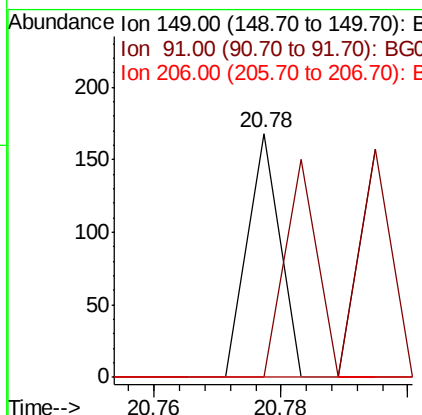
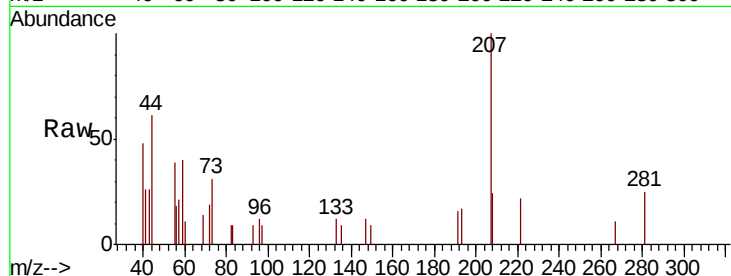
Time-->



#80
 Butylbenzylphthalate
 Concen: 0.007 ng
 RT: 20.78 min Scan# 3011
 Delta R.T. -0.03 min
 Lab File: BG039821.D
 Acq: 8 Mar 2019 15:00

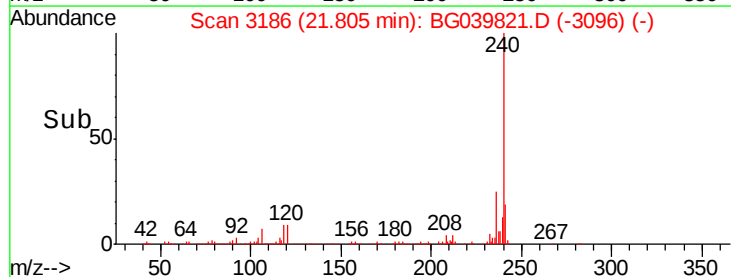
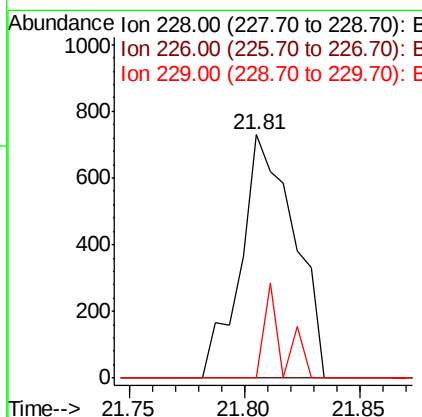
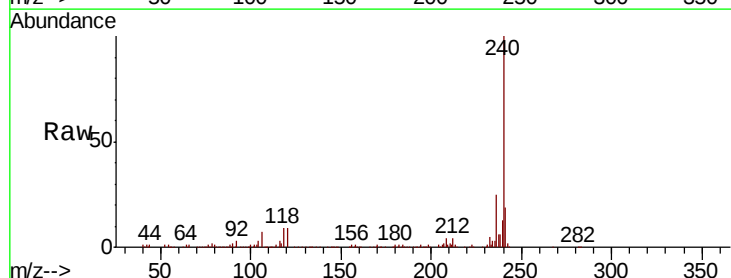
Instrument :
 BNA_G
 ClientSampleId :

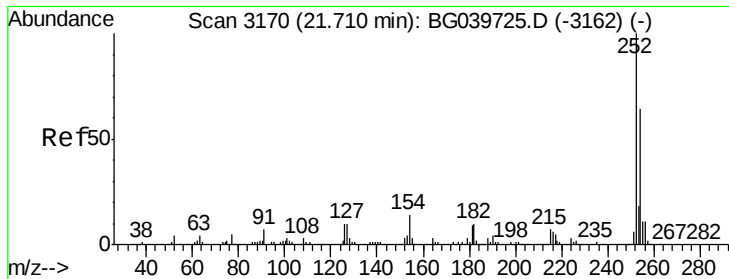
Tot Ion:	149	Resp:	59
Ion	Ratio	Lower	Upper
149	100		
91	0.0	59.5	89.3#
206	0.0	18.6	27.8#



#81
 Benzo(a)anthracene
 Concen: 0.057 ng
 RT: 21.81 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: BG039821.D
 Acq: 8 Mar 2019 15:00

Tgt Ion:	228	Resp:	1178
Ion	Ratio	Lower	Upper
228	100		
226	0.0	23.0	34.6#
229	0.0	16.9	25.3#





#82

3,3'-Dichlorobenzidine

Concen: 0.007 ng

RT: 21.41 min Scan# 3118

Delta R.T. -0.31 min

Lab File: BG039821.D

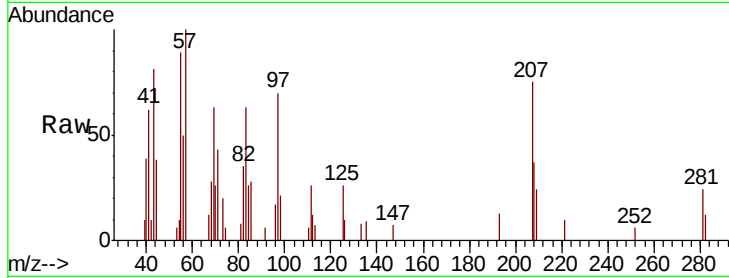
Acq: 8 Mar 2019 15:00

Instrument :

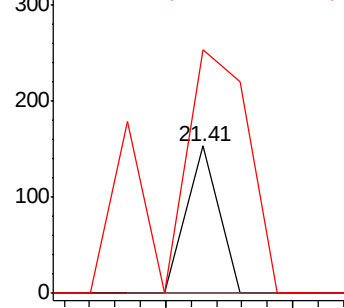
BNA_G

ClientSampleId :

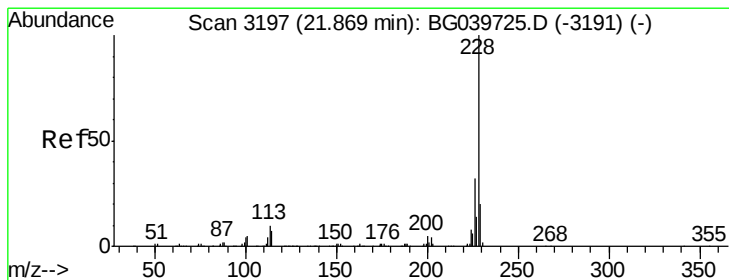
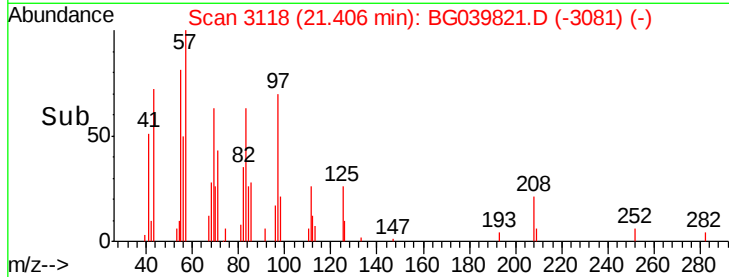
Tot Ion:252 Resp: 54
 Ion Ratio Lower Upper
 252 100
 254 0.0 51.3 76.9#
 126 165.4 8.0 12.0#



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



Time-->



#83

Chrysene

Concen: 0.058 ng

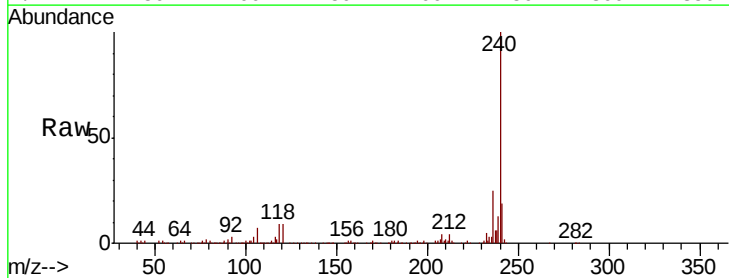
RT: 21.81 min Scan# 3186

Delta R.T. -0.07 min

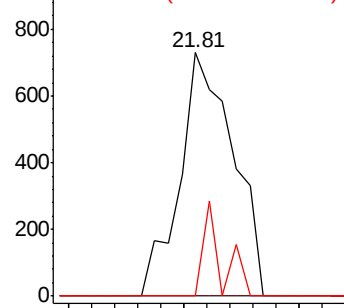
Lab File: BG039821.D

Acq: 8 Mar 2019 15:00

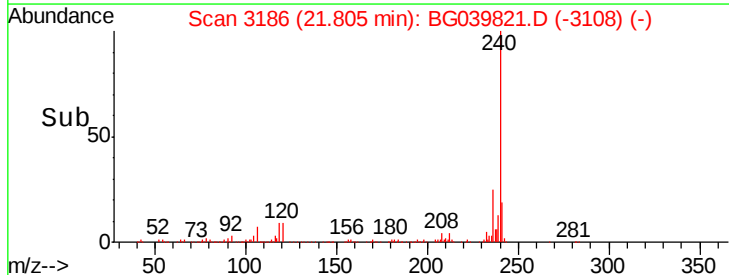
Tgt Ion:228 Resp: 1178
 Ion Ratio Lower Upper
 228 100
 226 0.0 25.8 38.6#
 229 0.0 16.6 25.0#

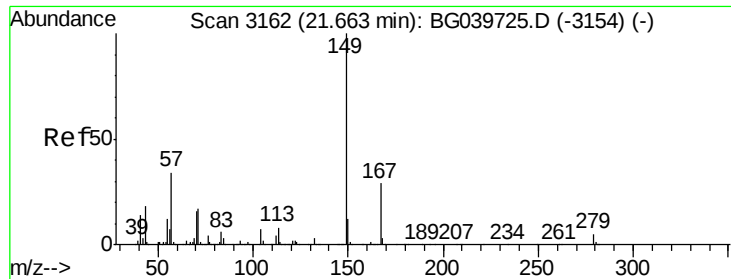


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E



Time-->





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.064 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG039821.D

Acq: 8 Mar 2019 15:00

Instrument :

BNA_G

ClientSampleId :

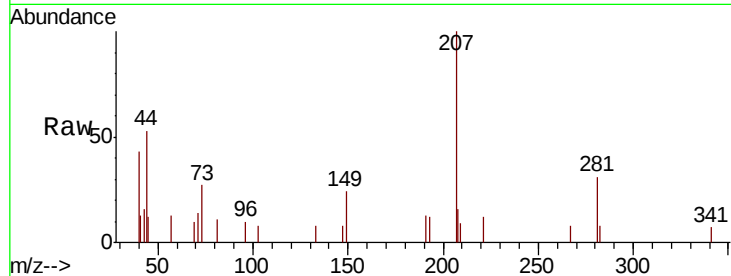
Tot Ion:149 Resp: 749

Ion Ratio Lower Upper

149 100

167 0.0 22.6 34.0#

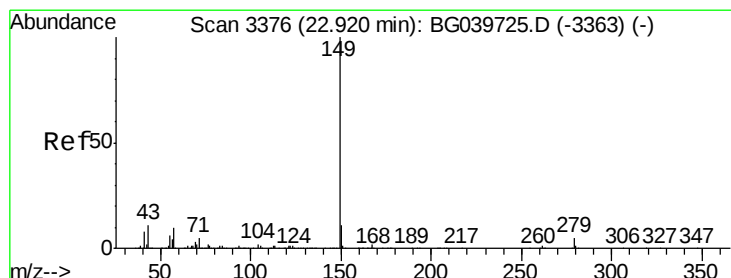
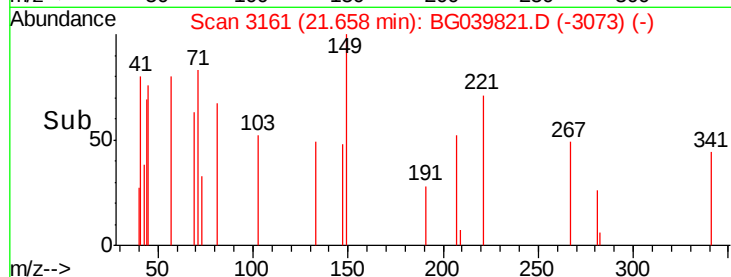
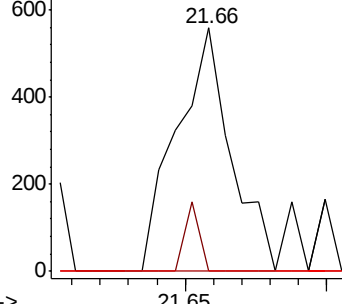
279 0.0 3.5 5.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 0.003 ng

RT: 22.91 min Scan# 3374

Delta R.T. -0.02 min

Lab File: BG039821.D

Acq: 8 Mar 2019 15:00

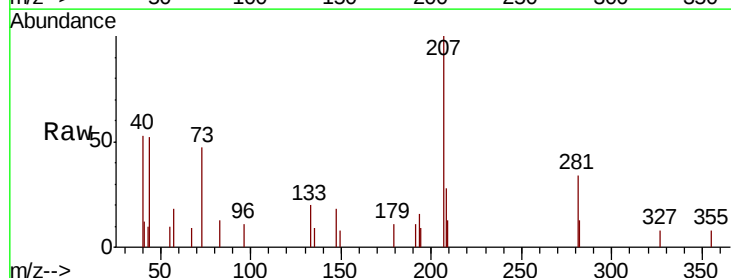
Tgt Ion:149 Resp: 57

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

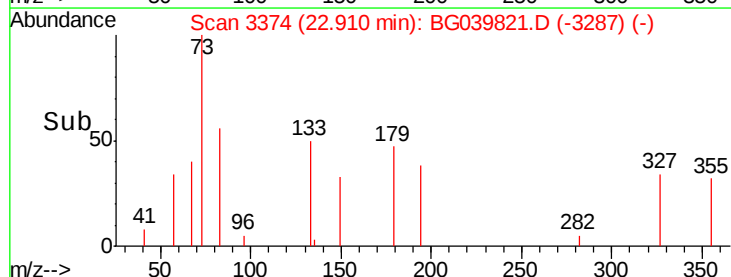
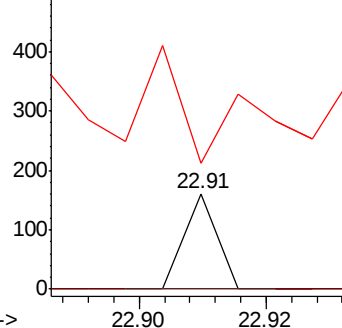
43 0.0 10.2 15.4#

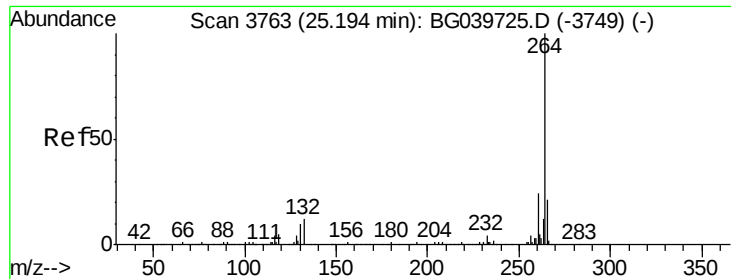


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

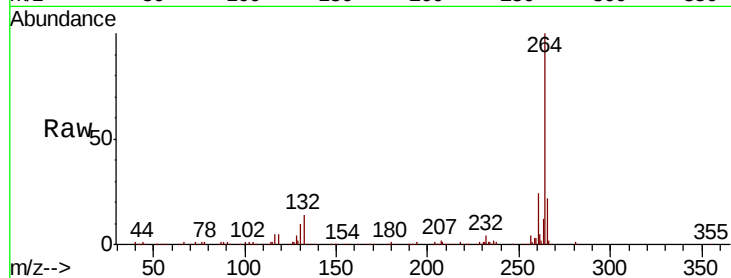




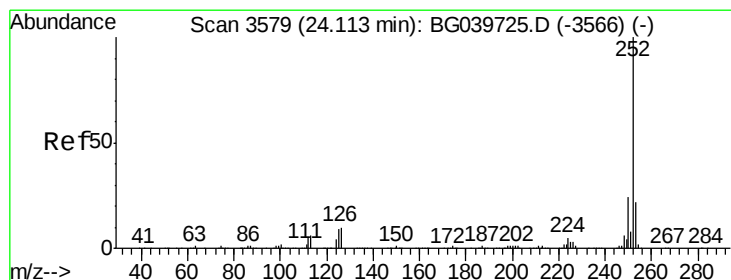
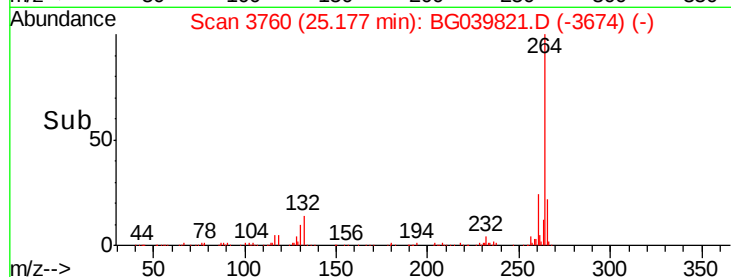
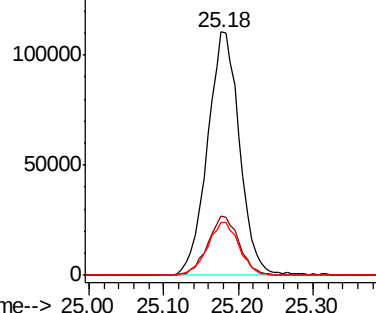
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.18 min Scan# 3760
Delta R.T. -0.02 min
Lab File: BG039821.D
Acq: 8 Mar 2019 15:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 328928
Ion Ratio Lower Upper
264 100
260 24.1 18.2 27.4
265 21.6 18.5 27.7

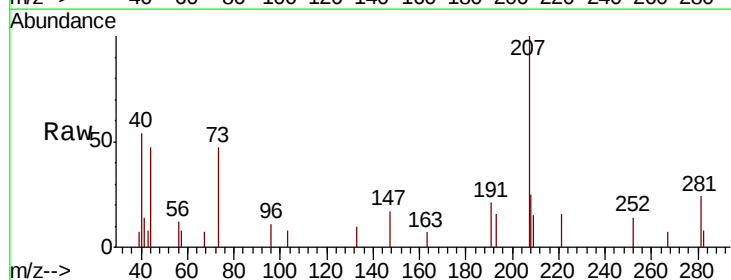


Abundance Ion 264.00 (263.70 to 264.70): E
150000 Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

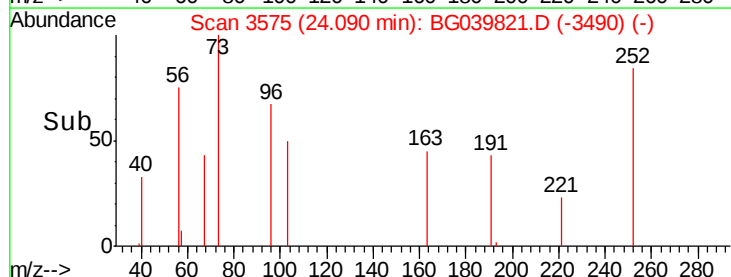
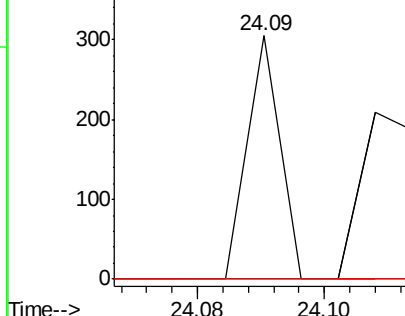


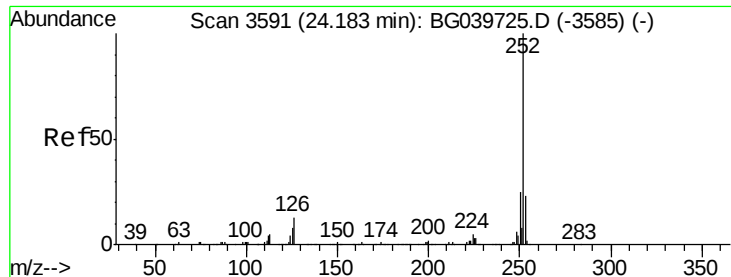
#88
Benzo(b)fluoranthene
Concen: 0.006 ng
RT: 24.09 min Scan# 3575
Delta R.T. -0.03 min
Lab File: BG039821.D
Acq: 8 Mar 2019 15:00

Tgt Ion:252 Resp: 108
Ion Ratio Lower Upper
252 100
253 0.0 17.8 26.8#
125 0.0 7.8 11.6#



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

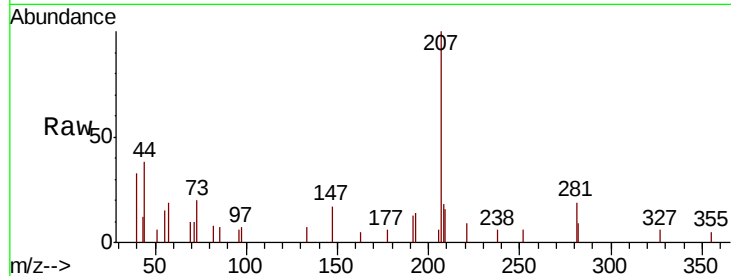




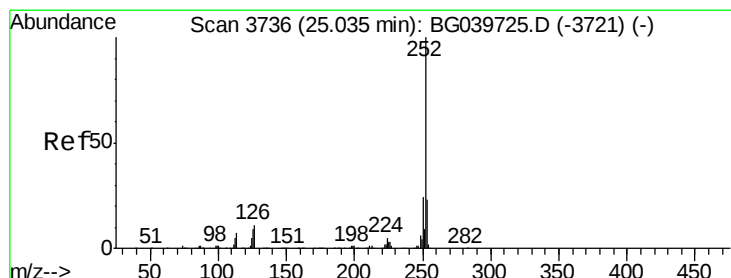
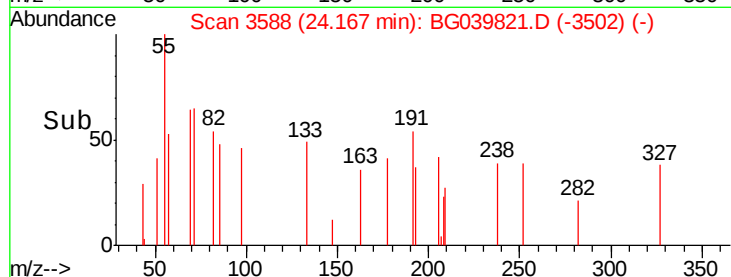
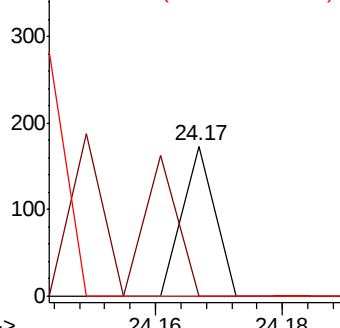
#89
Benzo(k)fluoranthene
Concen: 0.003 ng
RT: 24.17 min Scan# 3588
Delta R.T. -0.02 min
Lab File: BG039821.D
Acq: 8 Mar 2019 15:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 61
Ion Ratio Lower Upper
252 100
253 0.0 18.2 27.2#
125 0.0 7.4 11.2#

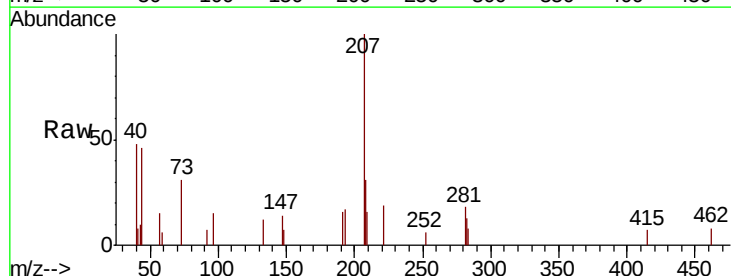


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

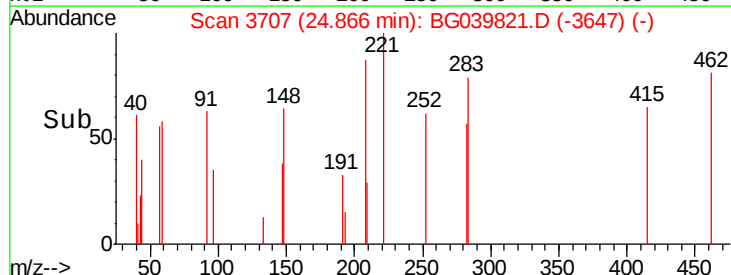
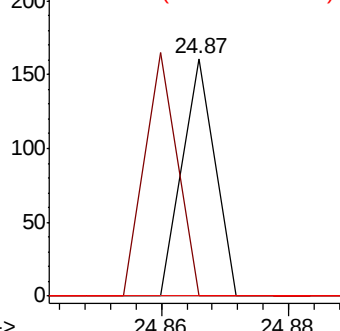


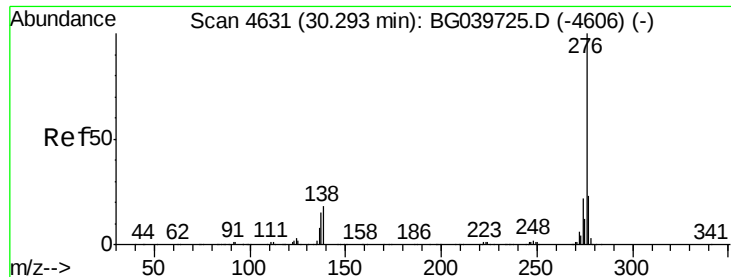
#90
Benzo(a)pyrene
Concen: 0.003 ng
RT: 24.87 min Scan# 3707
Delta R.T. -0.18 min
Lab File: BG039821.D
Acq: 8 Mar 2019 15:00

Tgt Ion:252 Resp: 57
Ion Ratio Lower Upper
252 100
253 0.0 17.9 26.9#
125 0.0 8.3 12.5#



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





#92
 Benzo(a,h,i)perylene
 Concen: 0.003 ng
 RT: 30.28 min Scan# 4629
 Delta R.T. -0.03 min
 Lab File: BG039821.D
 Acq: 8 Mar 2019 15:00

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	0.0	19.6	29.4
138	0.0	14.7	22.1

