

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031919\
 Data File : BG040014.D
 Acq On : 19 Mar 2019 22:37
 Operator : JU/SJ
 Sample : K1941-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP

Quant Time: Mar 20 04:13:50 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	38839	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	163761	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	113791	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	278655	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	288598	20.00	ng	-0.03
87) Perylene-d12	25.16	264	300544	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	246587	108.31	ng	-0.02
7) Phenol-d6	7.29	99	362761	106.87	ng	-0.02
23) Nitrobenzene-d5	9.32	82	221951	73.30	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	138609	104.51	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	507288	63.48	ng	-0.02
79) Terphenyl-d14	20.11	244	827420	63.13	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.54	88	69	0.066	ng	# 10
3) Pyridine	3.49	79	61	0.022	ng	# 1
4) n-Nitrosodimethylamine	3.88	42	66	0.049	ng	# 1
6) Aniline	7.68	93	522	0.117	ng	# 1
9) Benzaldehyde	7.29	77	506	0.231	ng	# 4
10) Phenol	7.32	94	5095	1.385	ng	# 81
11) bis(2-Chloroethyl)ether	7.68	93	522	0.182	ng	# 1
15) Benzyl Alcohol	8.47	79	3272	1.215	ng	# 44
16) 2,2'-oxybis(1-Chloropropan	8.17	45	56	0.010	ng	# 75
19) n-Nitroso-di-n-propylamine	9.32	70	28898	11.827	ng	# 70
24) Nitrobenzene	9.32	77	642	0.202	ng	# 41
46) 1,1'-Biphenyl	13.61	154	728	0.078	ng	# 76
48) 2-Nitroaniline	14.21	65	341	0.151	ng	# 1
50) Dimethylphthalate	14.21	163	38780	4.076	ng	# 99
51) 2,6-Dinitrotoluene	14.21	165	446	0.221	ng	# 12
52) Acenaphthene	14.77	154	353	0.051	ng	# 5
57) 2,4-Dinitrotoluene	14.77	165	14661	5.173	ng	# 17
58) Fluorene	16.25	166	5911	0.659	ng	# 89
60) Diethylphthalate	15.57	149	389	0.041	ng	# 58
63) Azobenzene	16.25	77	734	0.086	ng	# 9
65) 4,6-Dinitro-2-methylphenol	16.26	198	549	0.333	ng	# 10
66) n-Nitrosodiphenylamine	16.25	169	6167	0.764	ng	# 48
67) 4-Bromophenyl-phenylether	16.26	248	10508	3.369	ng	# 1
71) Phenanthrene	17.55	178	303	0.020	ng	# 59
72) Anthracene	17.55	178	303	0.020	ng	# 60
74) Di-n-butylphthalate	18.45	149	780	0.049	ng	# 57
75) Fluoranthene	19.57	202	357	0.020	ng	# 63
77) Benzidine	20.11	184	15518	1.694	ng	# 89
78) Pyrene	19.92	202	147	0.008	ng	# 55
80) Butylbenzylphthalate	20.86	149	112	0.015	ng	# 22
81) Benzo(a)anthracene	21.81	228	1026	0.057	ng	# 64
83) Chrysene	21.81	228	1026	0.059	ng	# 61
84) Bis(2-ethylhexyl)phthalate	21.64	149	801	0.078	ng	# 67
85) Di-n-octyl phthalate	22.92	149	199	0.012	ng	# 71

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QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

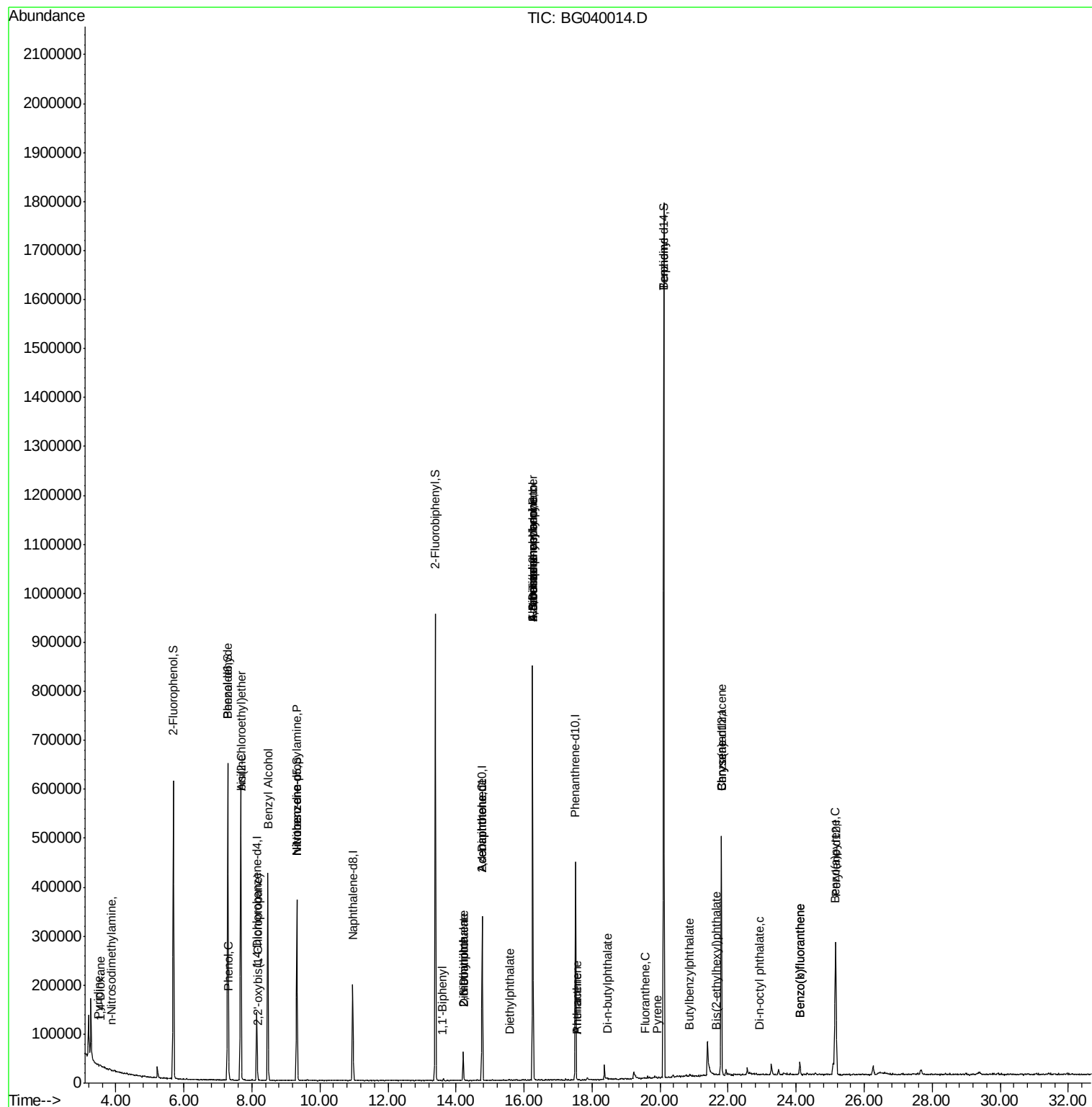
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) Benzo(b)fluoranthene	24.10	252	55	0.003	ng	# 1
89) Benzo(k)fluoranthene	24.10	252	55	0.003	ng	# 1
90) Benzo(a)pyrene	25.15	252	702	0.042	ng	# 59

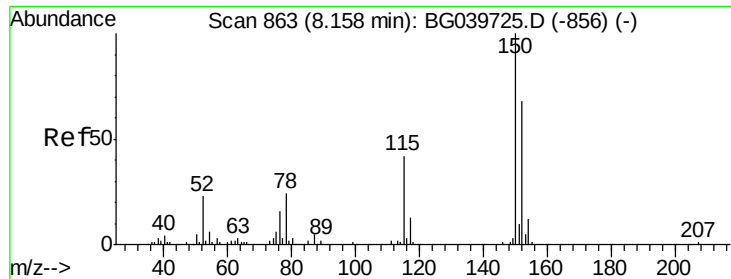
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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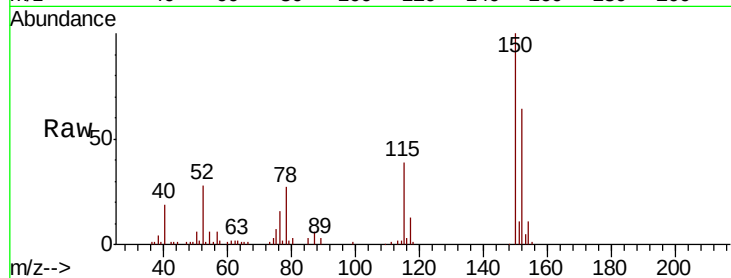


#1

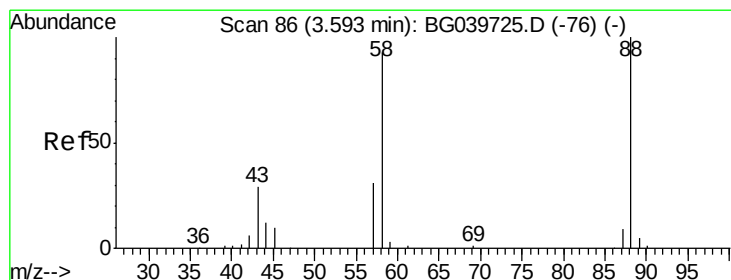
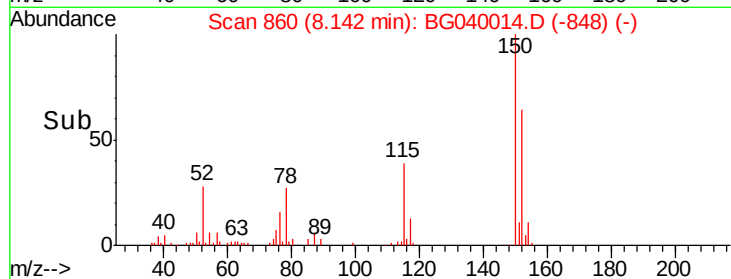
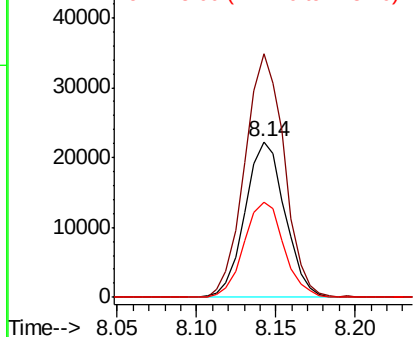
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.03 min
Lab File: BG040014.D
Acq: 19 Mar 2019 22:37

Instrument :
BNA_G
ClientSampleId :
SP

Tgt Ion: 152 Resp: 38839
Ion Ratio Lower Upper
152 100
150 156.4 123.7 185.5
115 61.5 45.9 68.9



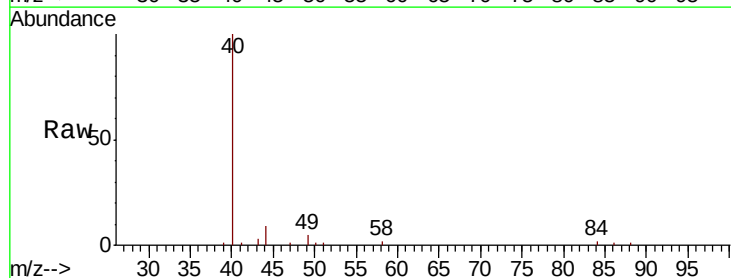
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



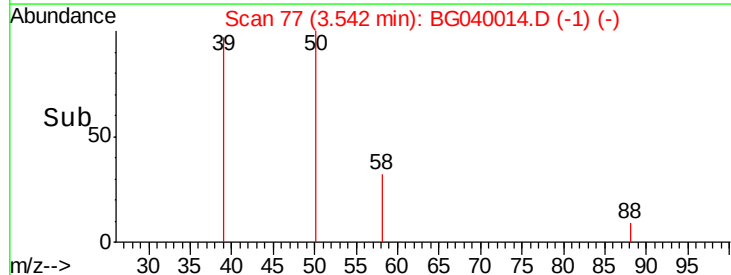
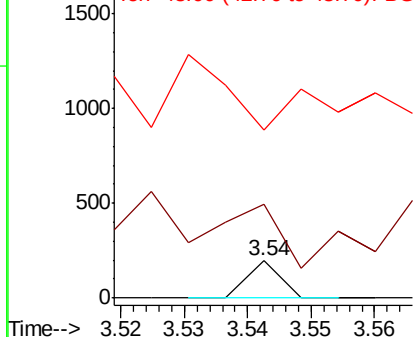
#2

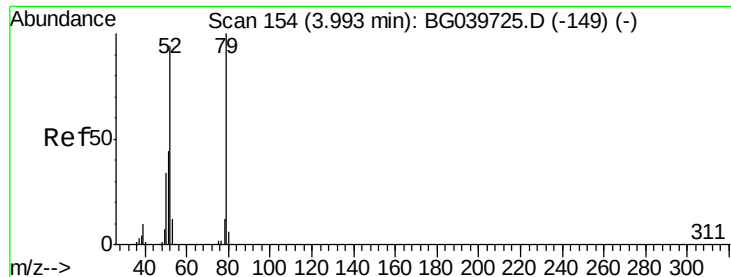
1,4-Dioxane
Concen: 0.066 ng
RT: 3.54 min Scan# 77
Delta R.T. -0.06 min
Lab File: BG040014.D
Acq: 19 Mar 2019 22:37

Tgt Ion: 88 Resp: 69
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





#3

Pyridine

Concen: 0.022 ng

RT: 3.49 min Scan# 68

Delta R.T. -0.52 min

Lab File: BG040014.D

Acq: 19 Mar 2019 22:37

Instrument :

BNA_G

ClientSampleId :

SP

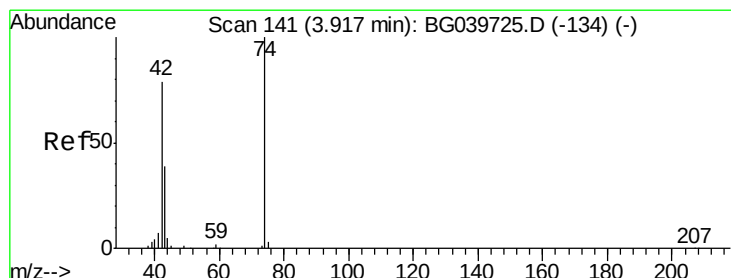
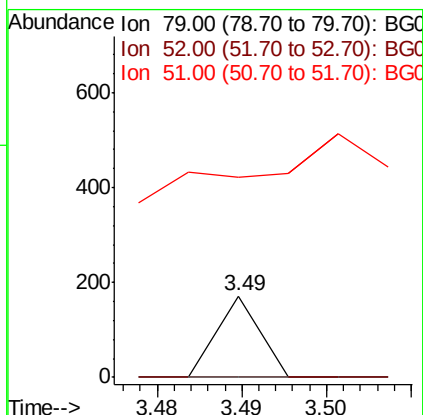
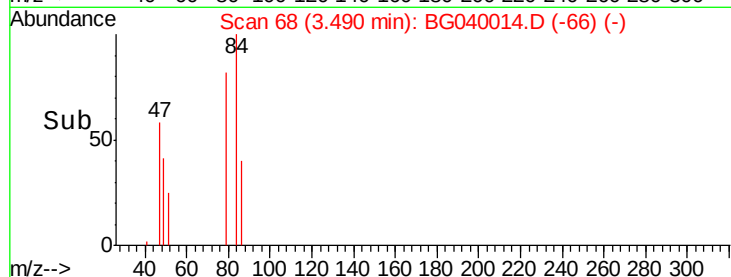
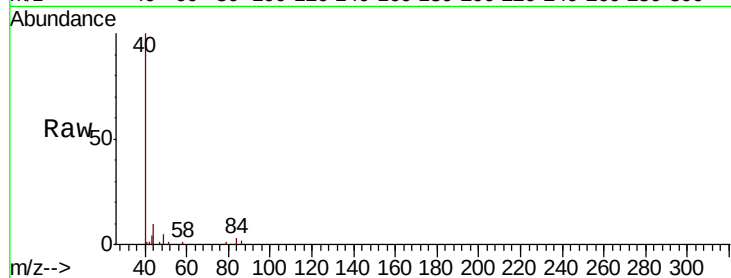
Tgt Ion: 79 Resp: 61

Ion Ratio Lower Upper

79 100

52 0.0 82.6 124.0#

51 245.3 37.5 56.3#



#4

n-Nitrosodimethylamine

Concen: 0.049 ng

RT: 3.88 min Scan# 135

Delta R.T. -0.05 min

Lab File: BG040014.D

Acq: 19 Mar 2019 22:37

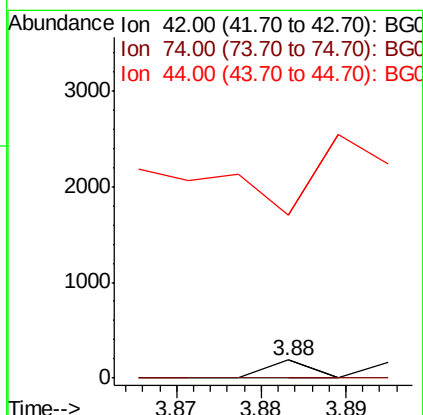
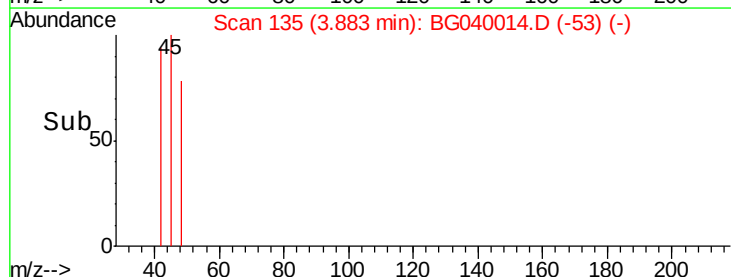
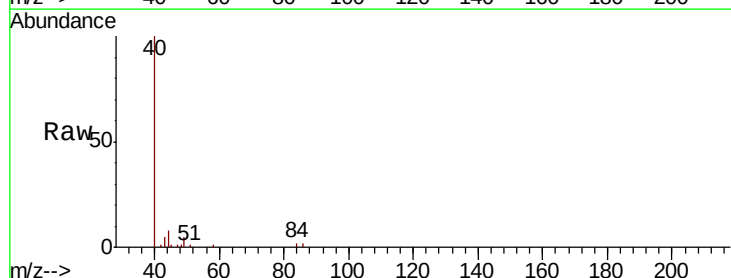
Tgt Ion: 42 Resp: 66

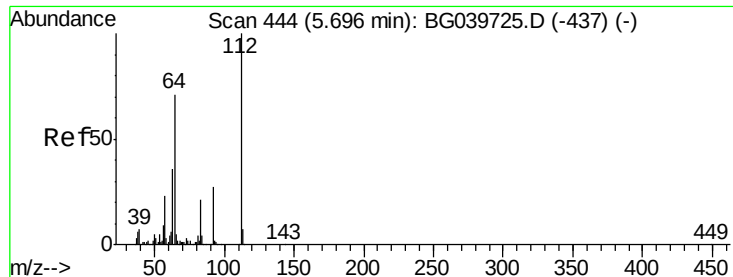
Ion Ratio Lower Upper

42 100

74 0.0 83.6 125.4#

44 915.1 6.9 10.3#





#5

2-Fluorophenol

Concen: 108.314 ng

RT: 5.69 min Scan# 442

Delta R.T. -0.02 min

Lab File: BG040014.D

Acq: 19 Mar 2019 22:37

Instrument :

BNA_G

ClientSampleId :

SP

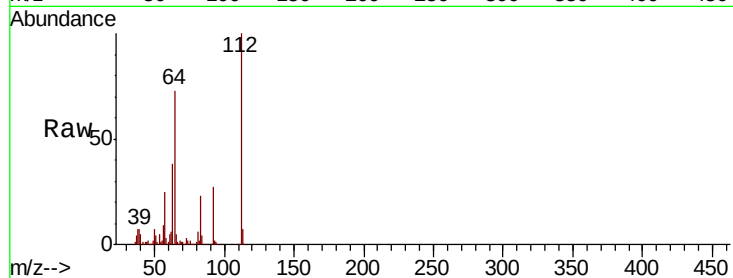
Tgt Ion:112 Resp: 246587

Ion Ratio Lower Upper

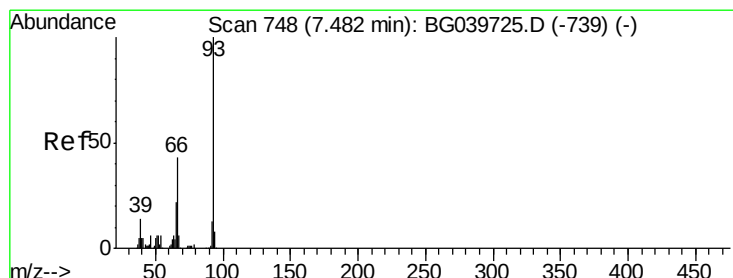
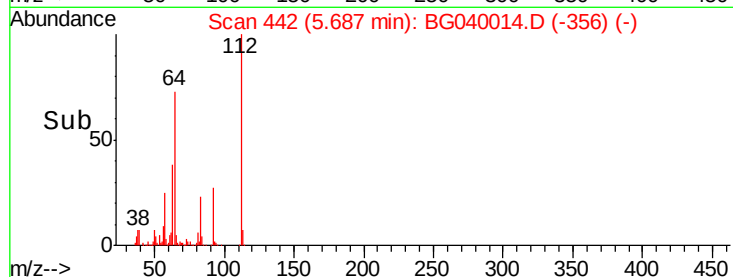
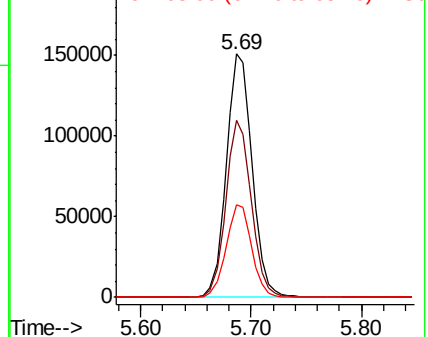
112 100

64 72.7 57.8 86.8

63 38.1 29.8 44.6



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



#6

Aniline

Concen: 0.117 ng

RT: 7.68 min Scan# 782

Delta R.T. 0.19 min

Lab File: BG040014.D

Acq: 19 Mar 2019 22:37

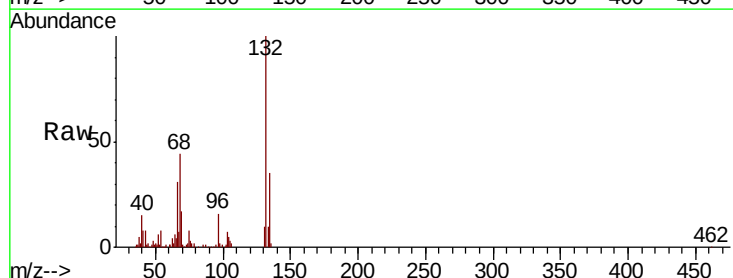
Tgt Ion: 93 Resp: 522

Ion Ratio Lower Upper

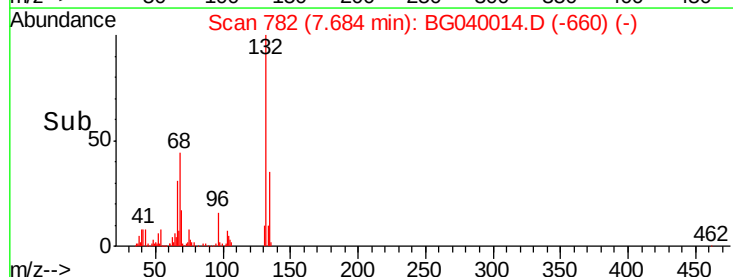
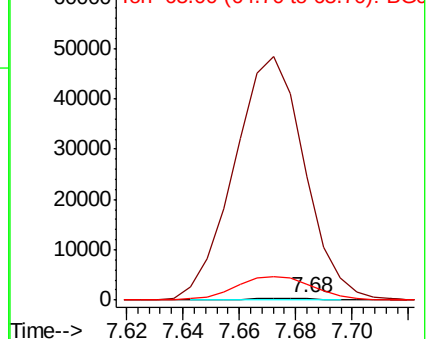
93 100

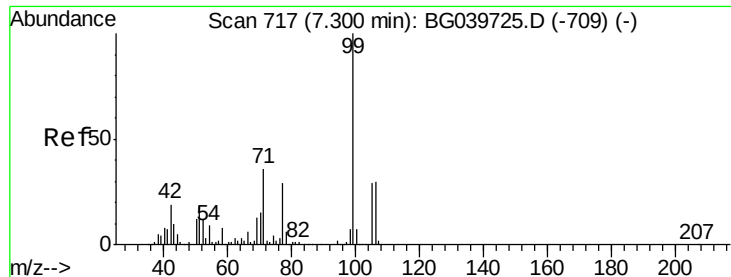
66 7268.8 34.2 51.4#

65 935.9 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: 106.866 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040014.D

Acq: 19 Mar 2019 22:37

Instrument :

BNA_G

ClientSampled :

SP

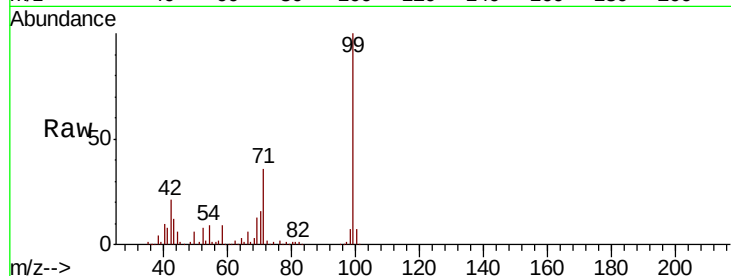
Tgt Ion: 99 Resp: 362761

Ion Ratio Lower Upper

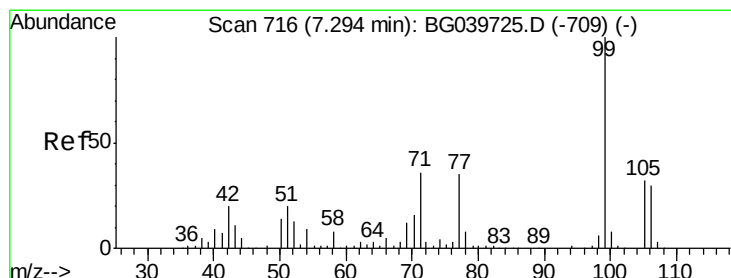
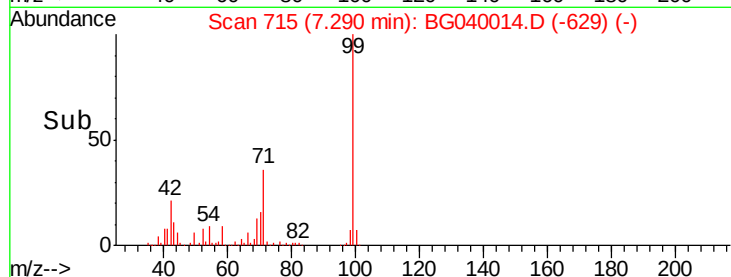
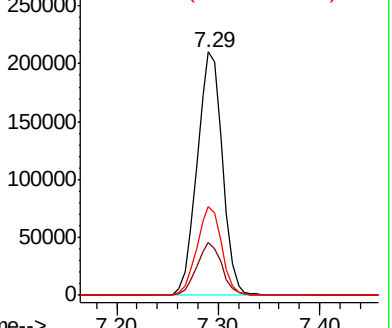
99 100

42 21.5 18.2 27.2

71 36.3 28.0 42.0



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



#9

Benzaldehyde

Concen: 0.231 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040014.D

Acq: 19 Mar 2019 22:37

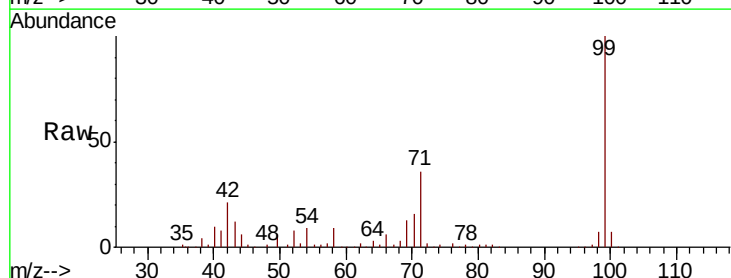
Tgt Ion: 77 Resp: 506

Ion Ratio Lower Upper

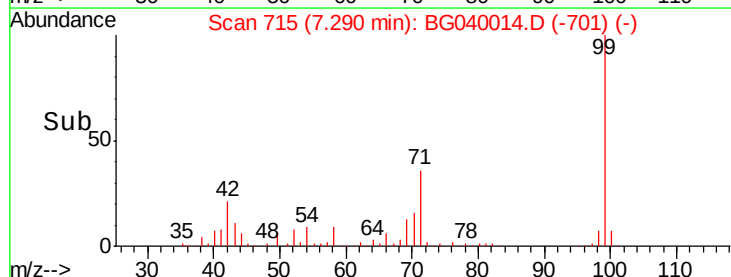
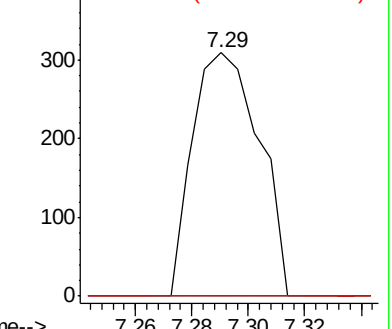
77 100

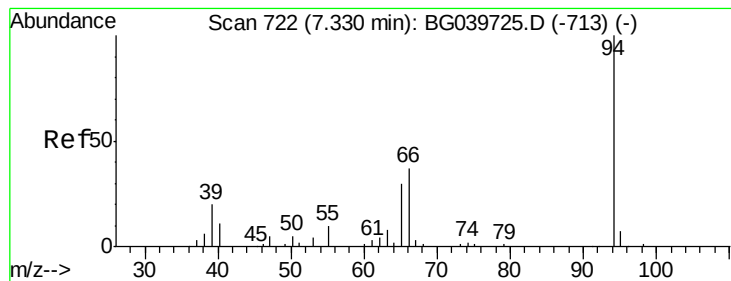
105 0.0 74.5 114.5#

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: 1.385 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BG040014.D

Acq: 19 Mar 2019 22:37

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ClientSampleId :

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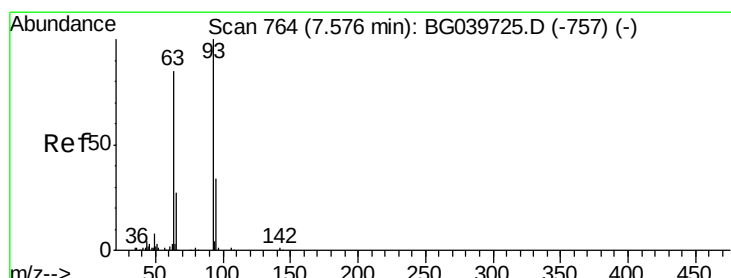
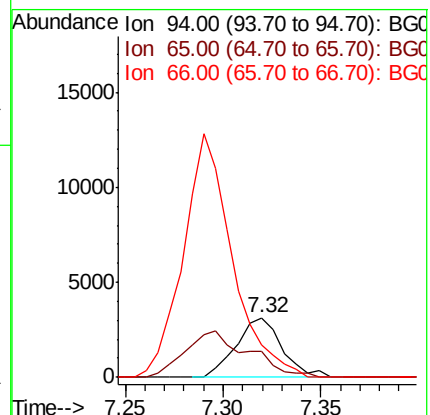
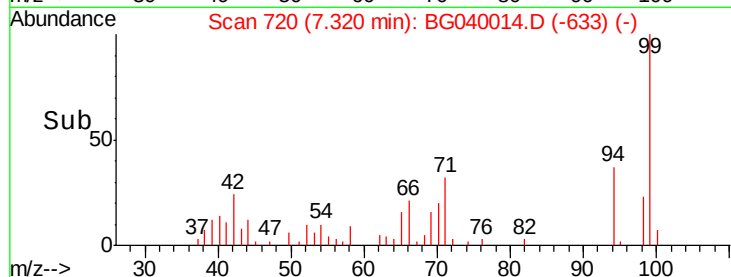
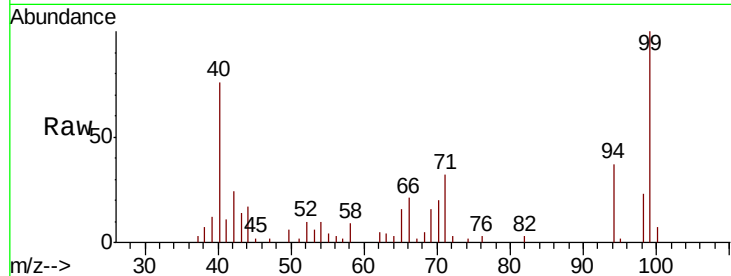
Tgt Ion: 94 Resp: 5095

Ion Ratio Lower Upper

94 100

65 43.1 11.7 51.7

66 55.2 23.7 63.7



#11

bis(2-Chloroethyl)ether

Concen: 0.182 ng

RT: 7.68 min Scan# 782

Delta R.T. 0.10 min

Lab File: BG040014.D

Acq: 19 Mar 2019 22:37

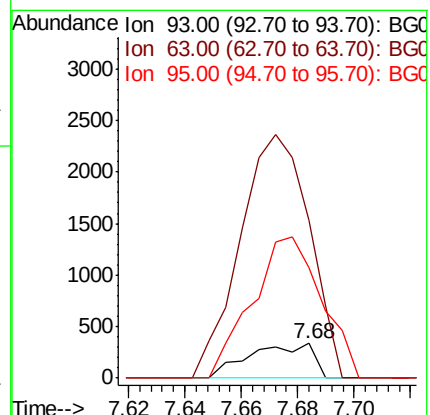
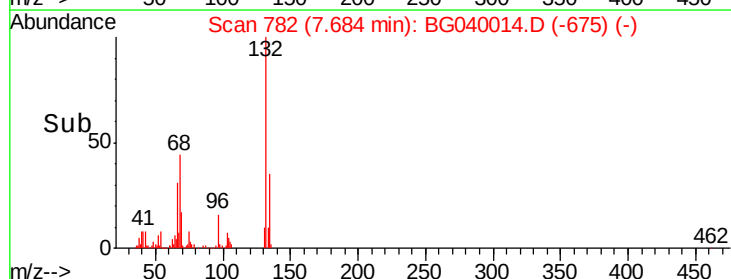
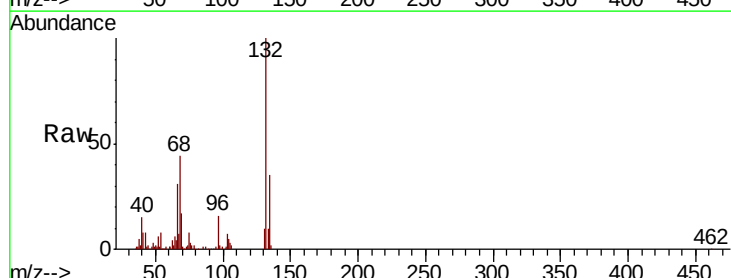
Tgt Ion: 93 Resp: 522

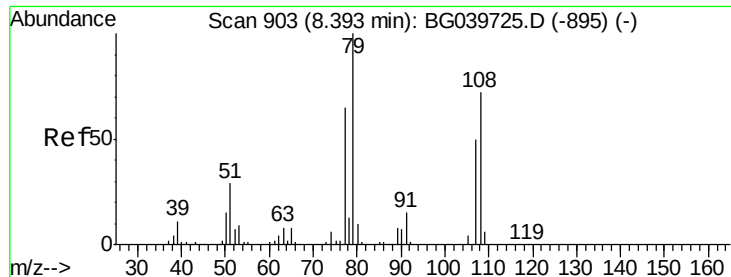
Ion Ratio Lower Upper

93 100

63 453.4 69.5 109.5#

95 319.0 12.7 52.7#





#15

Benzyl Alcohol

Concen: 1.215 ng

RT: 8.47 min Scan# 915

Delta R.T. 0.06 min

Lab File: BG040014.D

Acq: 19 Mar 2019 22:37

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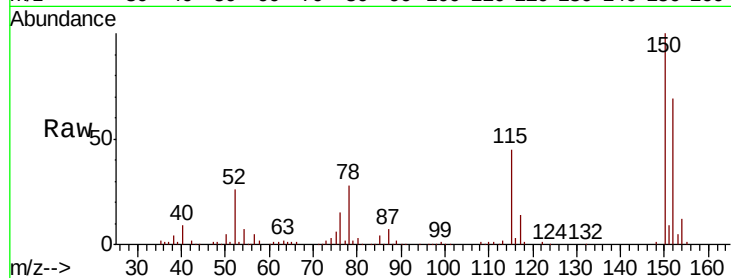
Tgt Ion: 79 Resp: 3272

Ion Ratio Lower Upper

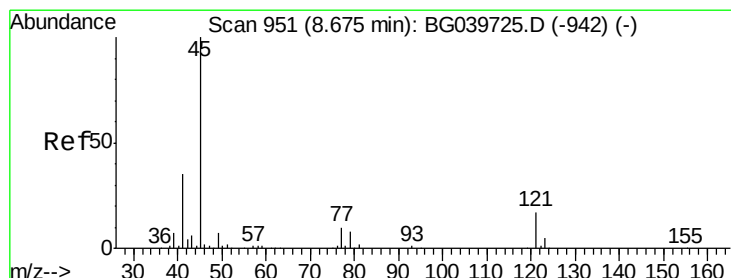
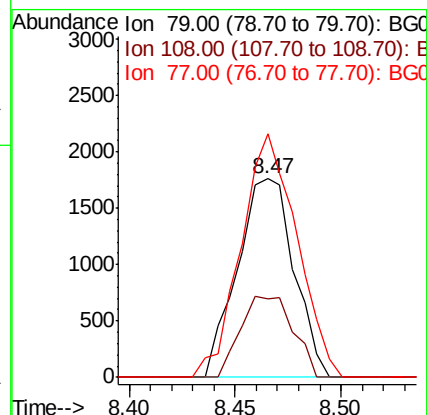
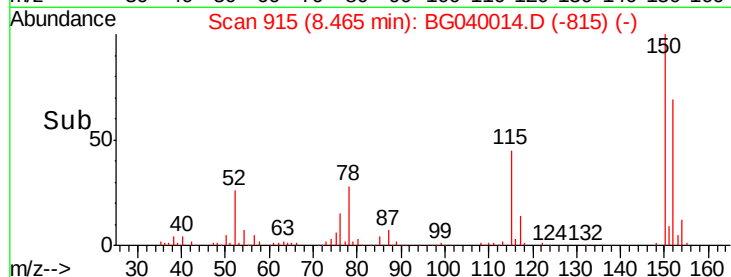
79 100

108 39.3 57.8 86.6#

77 122.6 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: 8.17 min Scan# 865

Delta R.T. -0.51 min

Lab File: BG040014.D

Acq: 19 Mar 2019 22:37

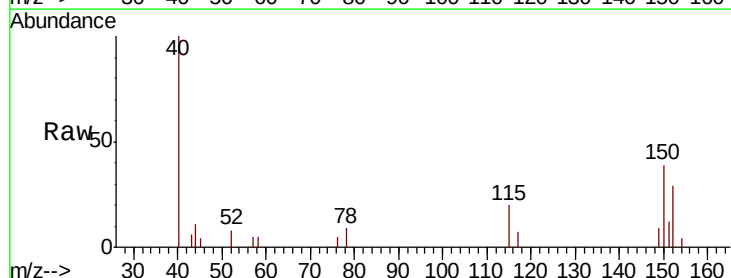
Tgt Ion: 45 Resp: 56

Ion Ratio Lower Upper

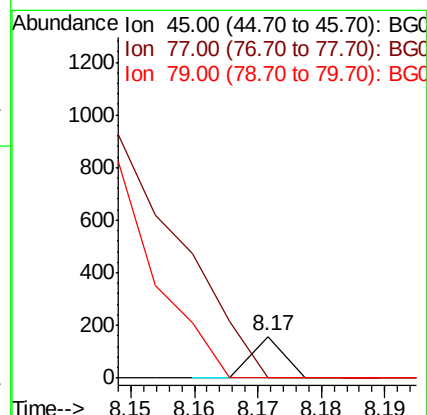
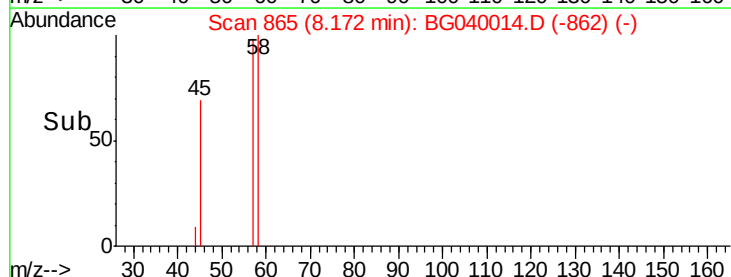
45 100

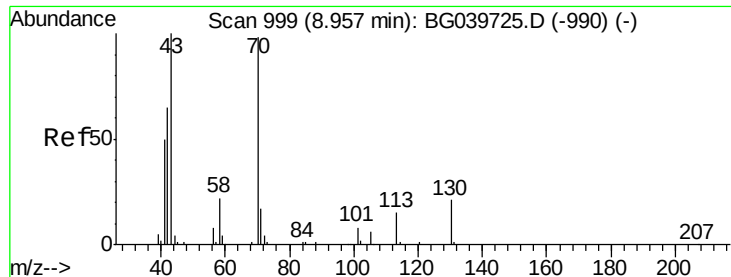
77 0.0 0.0 30.0

79 0.0 0.0 27.5



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

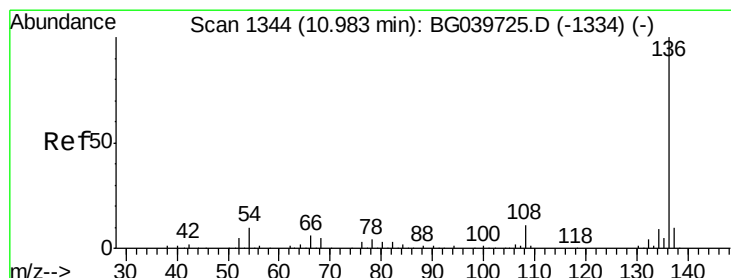
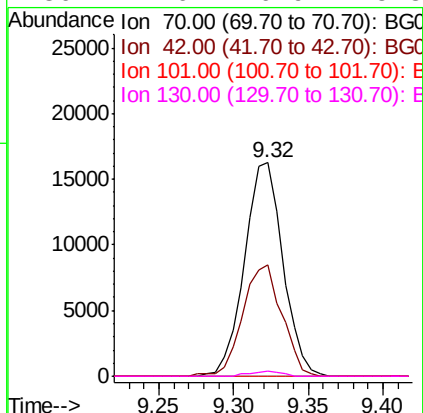
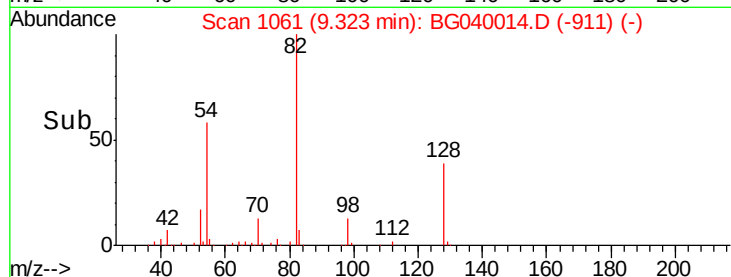
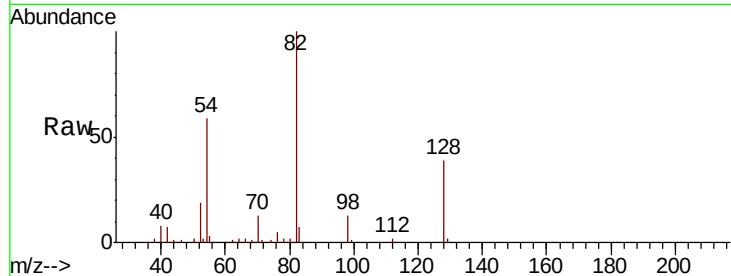




#19
n-Nitroso-di-n-propylamine
Concen: 11.827 ng
RT: 9.32 min Scan# 1061
Delta R.T. 0.35 min
Lab File: BG040014.D
Acq: 19 Mar 2019 22:37

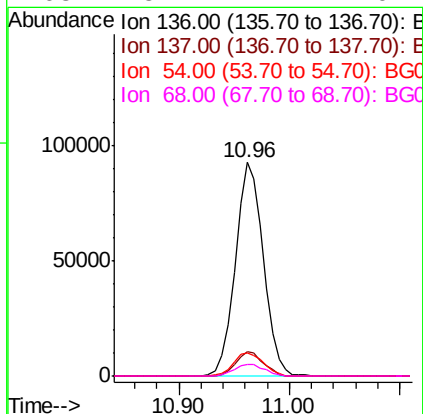
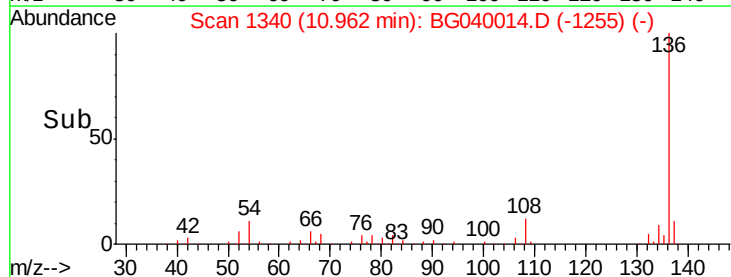
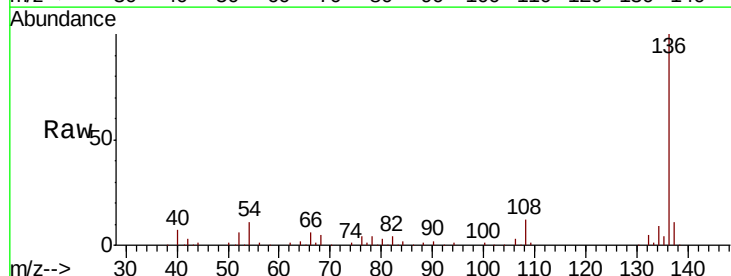
Instrument :
BNA_G
ClientSampleId :
SP

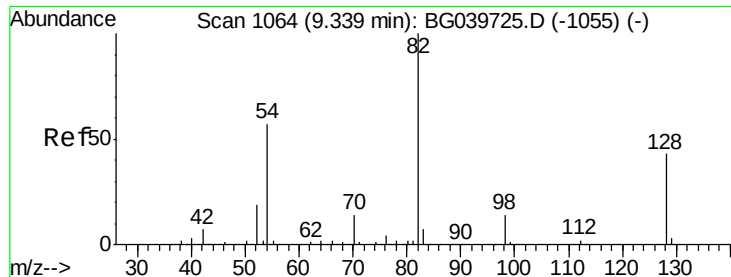
Tgt Ion: 70 Resp: 28898
Ion Ratio Lower Upper
70 100
42 52.2 60.4 90.6#
101 0.0 7.5 11.3#
130 2.6 16.9 25.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BG040014.D
Acq: 19 Mar 2019 22:37

Tgt Ion: 136 Resp: 163761
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 11.1 9.4 14.2
68 5.2 4.2 6.4

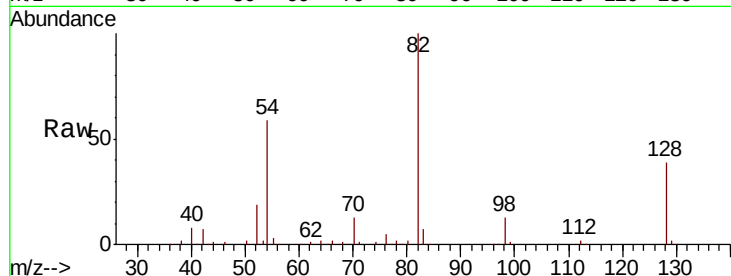




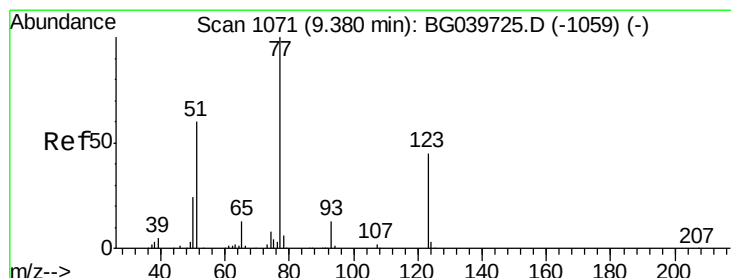
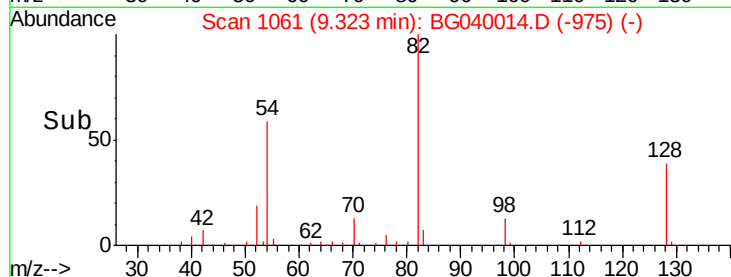
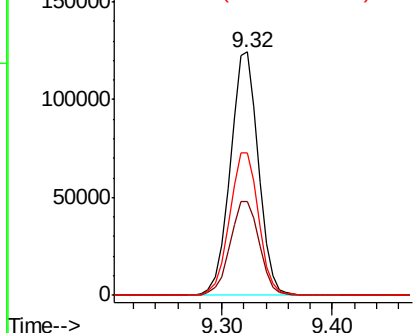
#23
 Nitrobenzene-d5
 Concen: 73.302 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG040014.D
 Acq: 19 Mar 2019 22:37

Instrument :
 BNA_G
 ClientSampleId :
 SP

Tgt Ion: 82 Resp: 221951
 Ion Ratio Lower Upper
 82 100
 128 38.7 31.3 46.9
 54 58.7 50.9 76.3

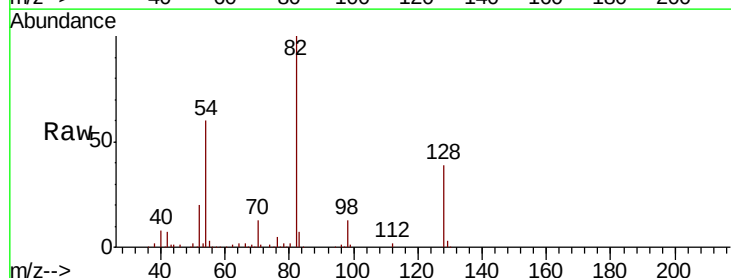


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

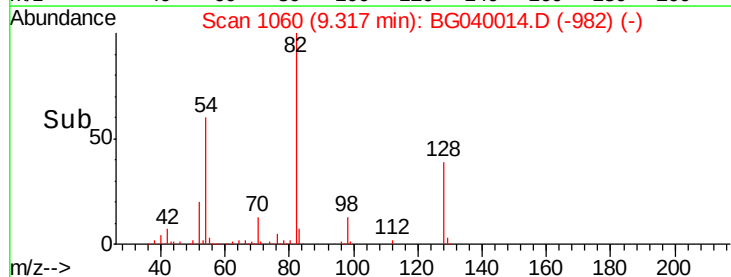
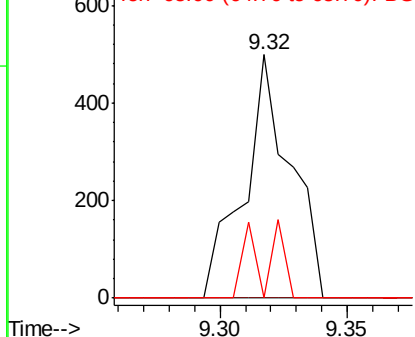


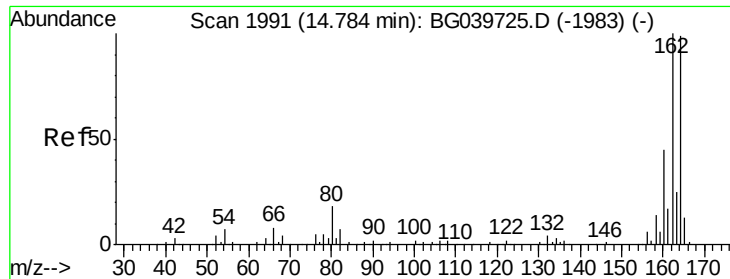
#24
 Nitrobenzene
 Concen: 0.202 ng
 RT: 9.32 min Scan# 1060
 Delta R.T. -0.07 min
 Lab File: BG040014.D
 Acq: 19 Mar 2019 22:37

Tgt Ion: 77 Resp: 642
 Ion Ratio Lower Upper
 77 100
 123 0.0 34.1 51.1#
 65 0.0 12.3 18.5#



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BG040014.D

Acq: 19 Mar 2019 22:37

Instrument :

BNA_G

ClientSampled :

SP

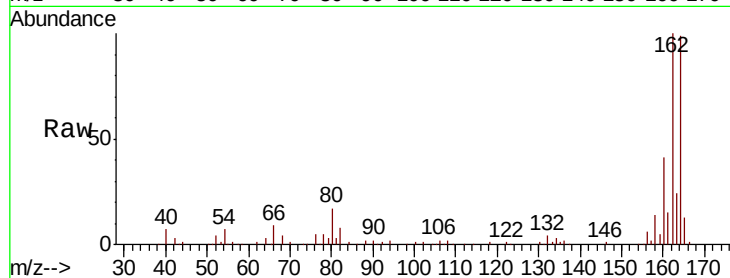
Tgt Ion:164 Resp: 113791

Ion Ratio Lower Upper

164 100

162 101.1 81.6 122.4

160 41.3 34.2 51.2

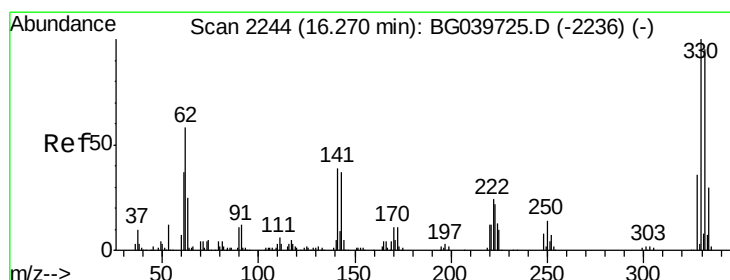
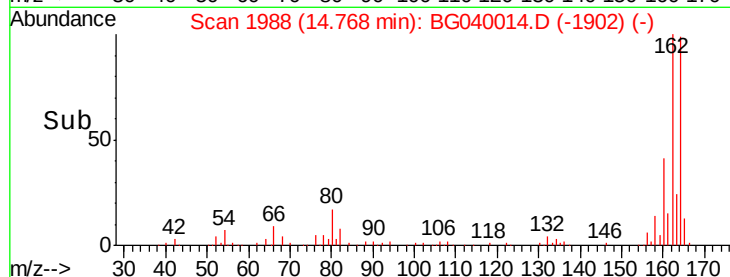
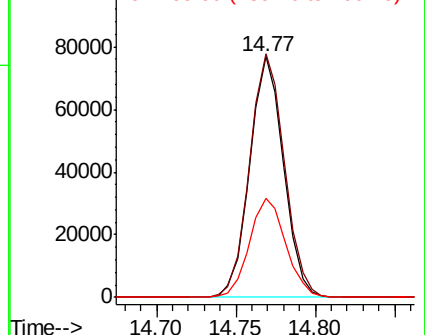


Abundance

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: 104.507 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BG040014.D

Acq: 19 Mar 2019 22:37

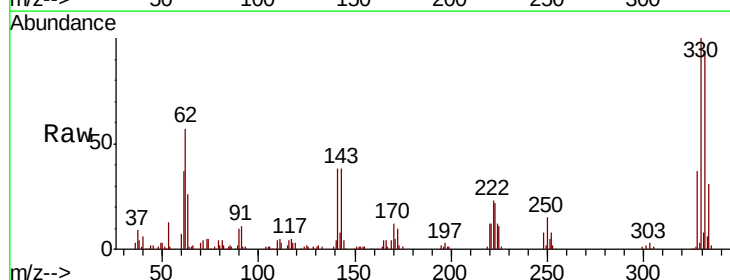
Tgt Ion:330 Resp: 138609

Ion Ratio Lower Upper

330 100

332 95.4 75.7 113.5

141 42.8 35.6 53.4

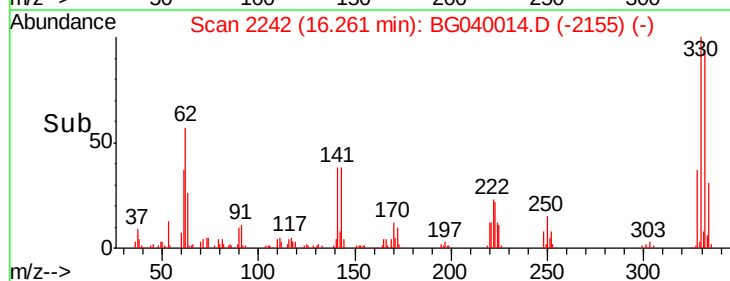
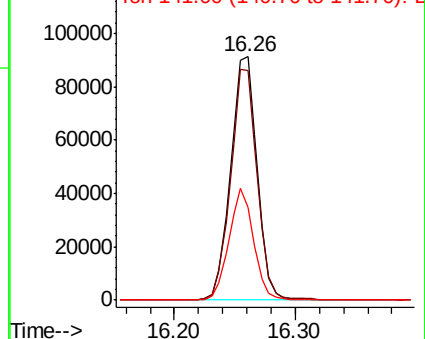


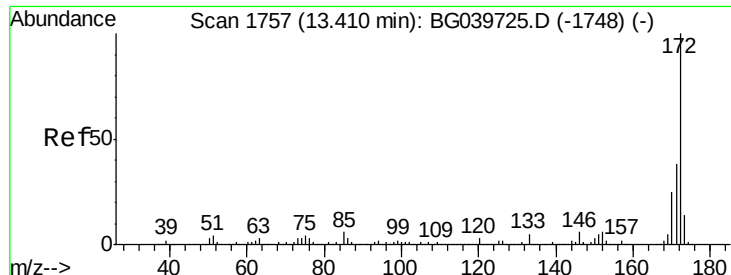
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

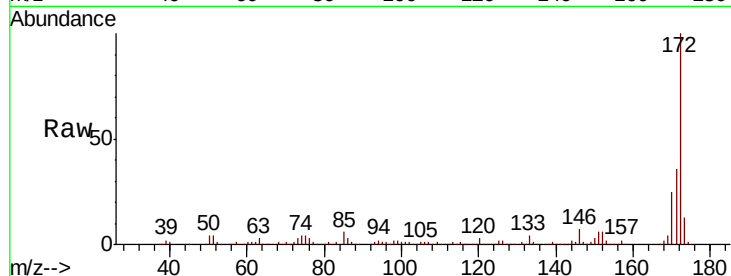




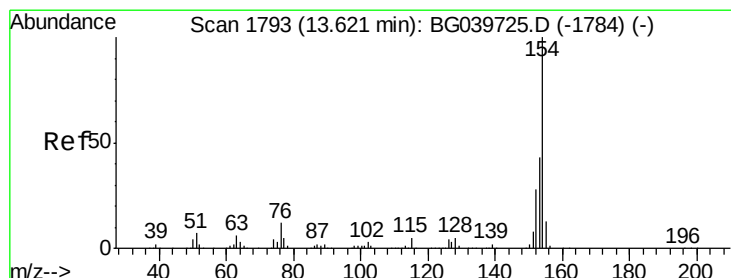
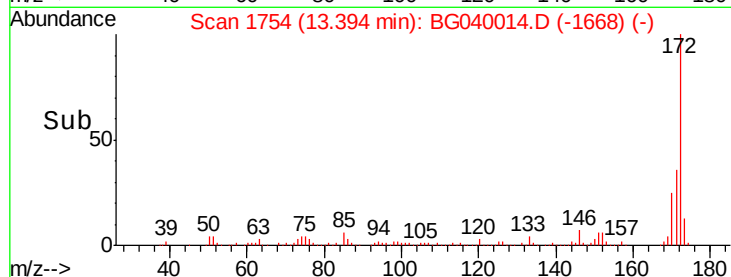
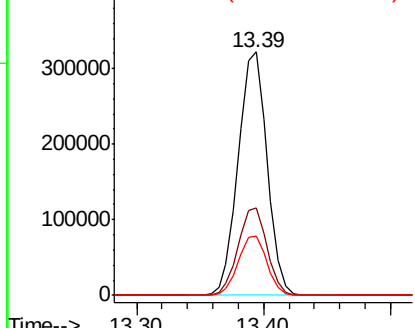
#45
2-Fluorobiphenyl
Concen: 63.475 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BG040014.D
Acq: 19 Mar 2019 22:37

Instrument :
BNA_G
ClientSampleId :
SP

Tgt Ion:172 Resp: 507288
Ion Ratio Lower Upper
172 100
171 35.8 30.8 46.2
170 24.6 20.2 30.4

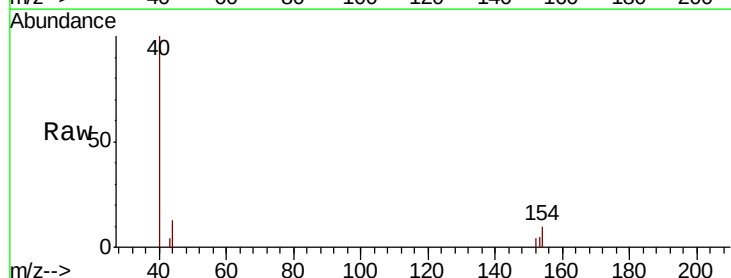


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

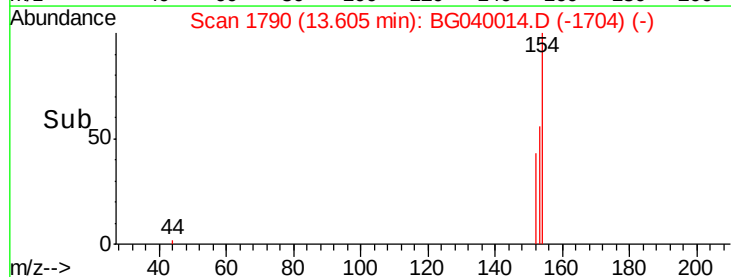
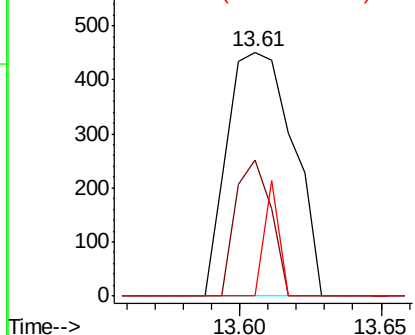


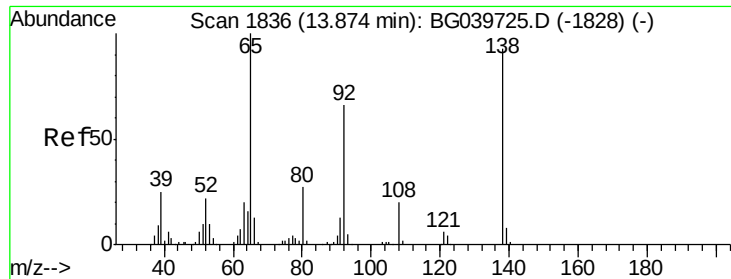
#46
1,1'-Biphenyl
Concen: 0.078 ng
RT: 13.61 min Scan# 1790
Delta R.T. -0.02 min
Lab File: BG040014.D
Acq: 19 Mar 2019 22:37

Tgt Ion:154 Resp: 728
Ion Ratio Lower Upper
154 100
153 55.9 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): BGC

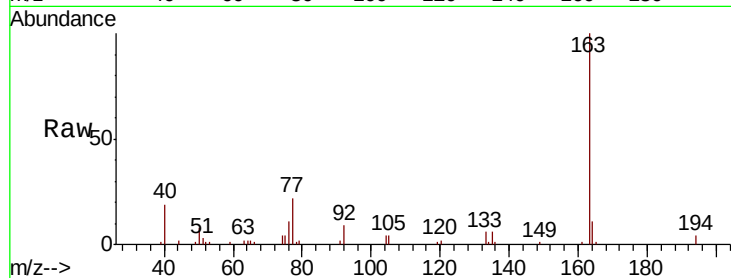




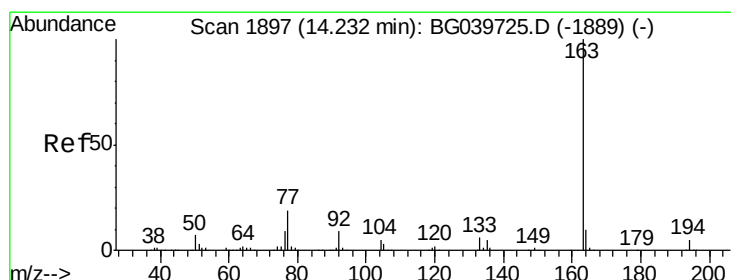
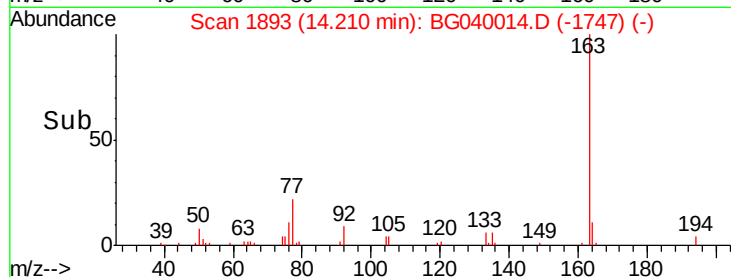
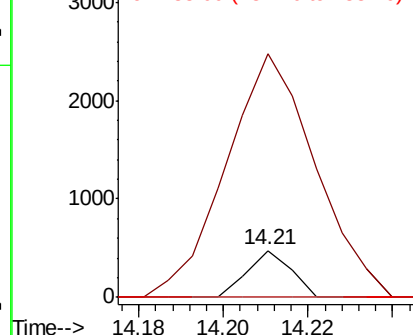
#48
2-Nitroaniline
Concen: 0.151 ng
RT: 14.21 min Scan# 1893
Delta R.T. 0.33 min
Lab File: BG040014.D
Acq: 19 Mar 2019 22:37

Instrument :
BNA_G
ClientSampleId :
SP

Tgt Ion: 65 Resp: 341
Ion Ratio Lower Upper
65 100
92 520.0 51.4 77.2#
138 0.0 71.4 107.2#

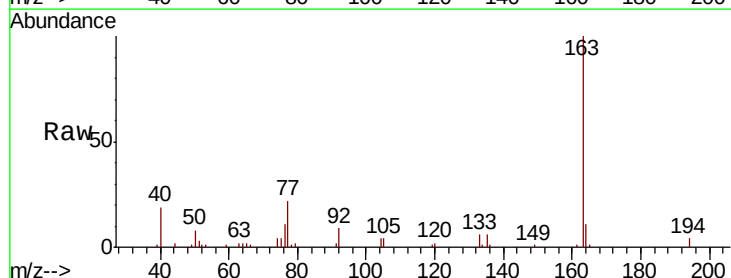


Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

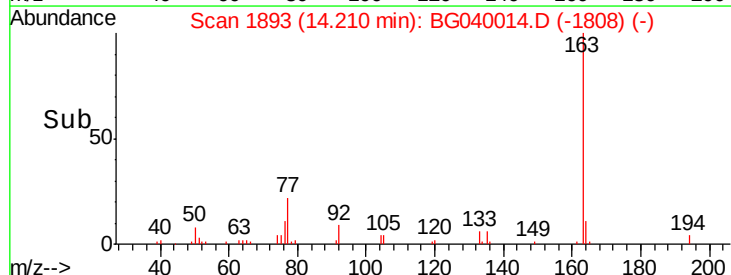
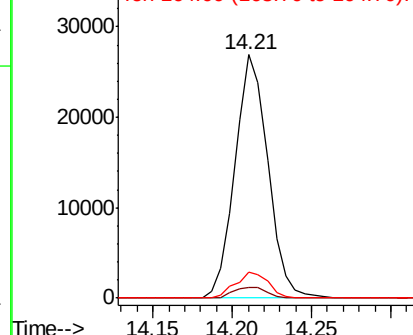


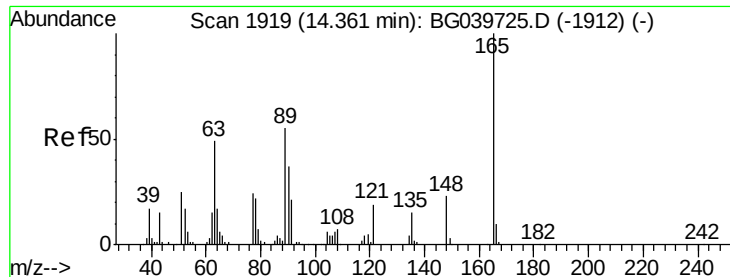
#50
Dimethylphthalate
Concen: 4.076 ng
RT: 14.21 min Scan# 1893
Delta R.T. -0.03 min
Lab File: BG040014.D
Acq: 19 Mar 2019 22:37

Tgt Ion: 163 Resp: 38780
Ion Ratio Lower Upper
163 100
194 4.1 3.6 5.4
164 10.8 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): BGC
Ion 194.00 (193.70 to 194.70): BGC
Ion 164.00 (163.70 to 164.70): BGC

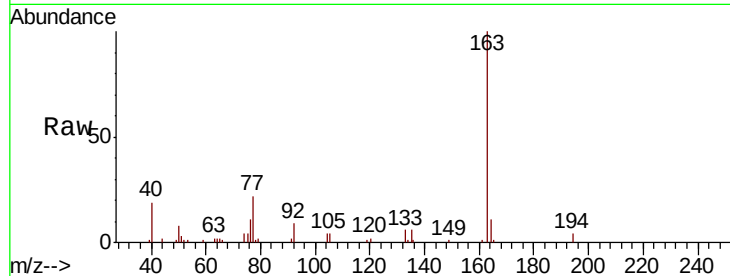




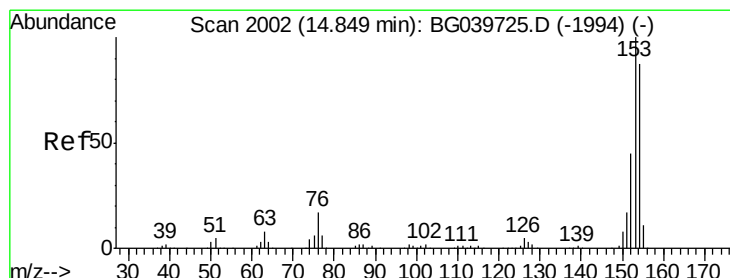
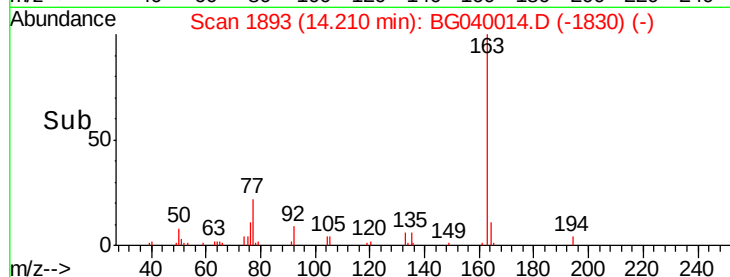
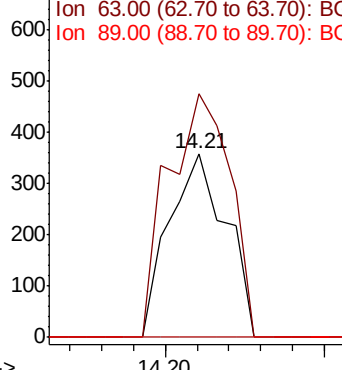
#51
2,6-Dinitrotoluene
Concen: 0.221 ng
RT: 14.21 min Scan# 1893
Delta R.T. -0.16 min
Lab File: BG040014.D
Acq: 19 Mar 2019 22:37

Instrument :
BNA_G
ClientSampled :
SP

Tgt Ion:165 Resp: 446
Ion Ratio Lower Upper
165 100
63 132.3 47.0 70.6#
89 0.0 45.8 68.8#

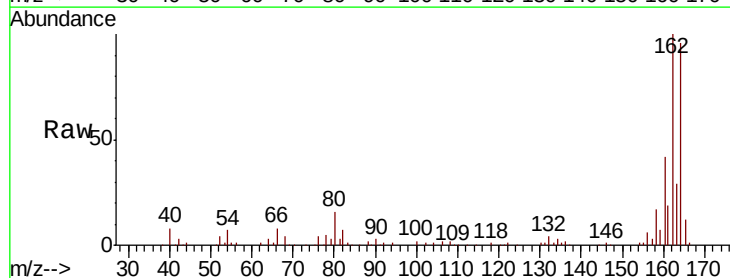


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

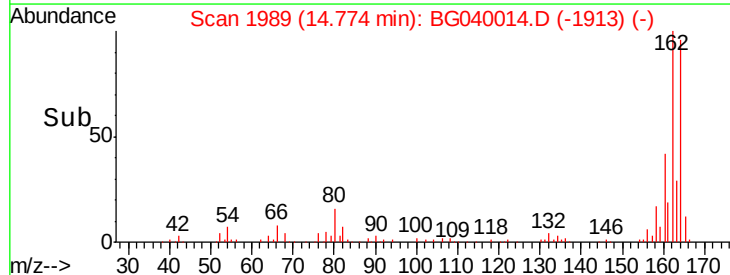
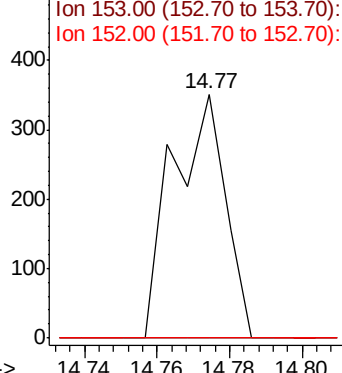


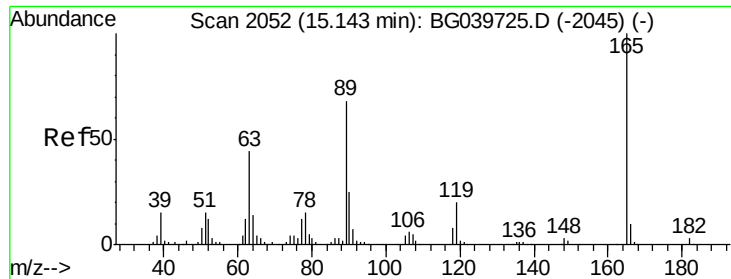
#52
Acenaphthene
Concen: 0.051 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.08 min
Lab File: BG040014.D
Acq: 19 Mar 2019 22:37

Tgt Ion:154 Resp: 353
Ion Ratio Lower Upper
154 100
153 0.0 90.1 135.1#
152 0.0 40.9 61.3#



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#57

2,4-Dinitrotoluene

Concen: 5.173 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.38 min

Lab File: BG040014.D

Acq: 19 Mar 2019 22:37

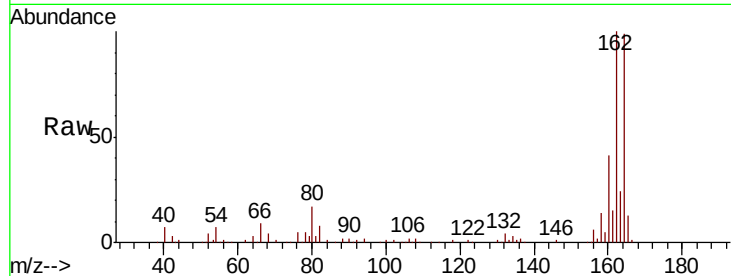
Instrument :

BNA_G

ClientSampleId :

SP

Tgt Ion:	165	Resp:	14661
Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.0	61.6#
89	0.0	64.6	96.8#
182	0.0	2.0	3.0#

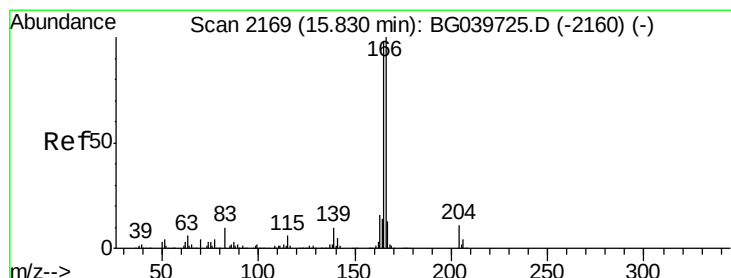
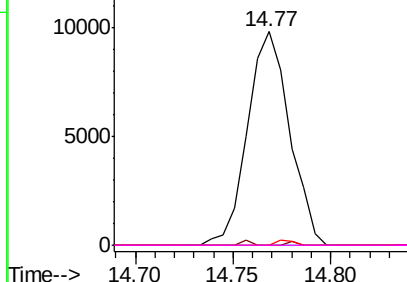
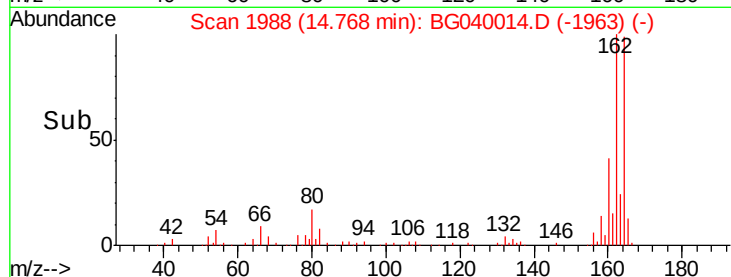


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 0.659 ng

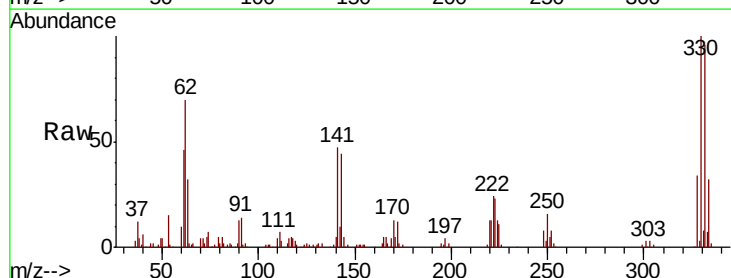
RT: 16.25 min Scan# 2241

Delta R.T. 0.42 min

Lab File: BG040014.D

Acq: 19 Mar 2019 22:37

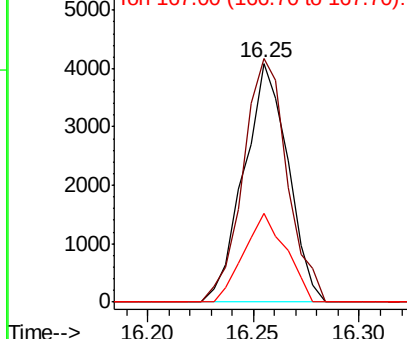
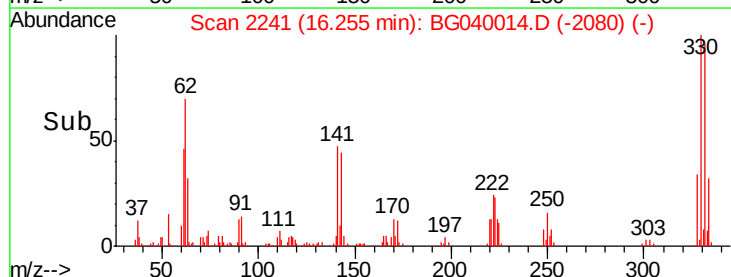
Tgt Ion:	166	Resp:	5911
Ion	Ratio	Lower	Upper
166	100		
165	102.0	77.9	116.9
167	37.4	10.8	16.2#

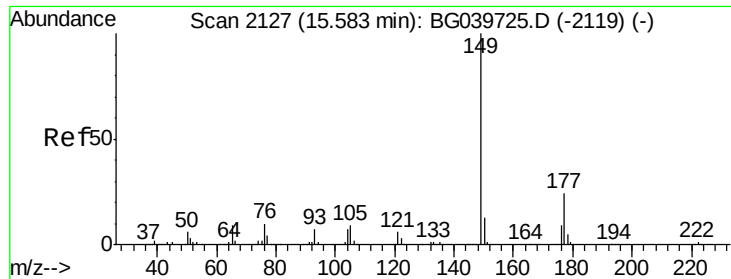


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

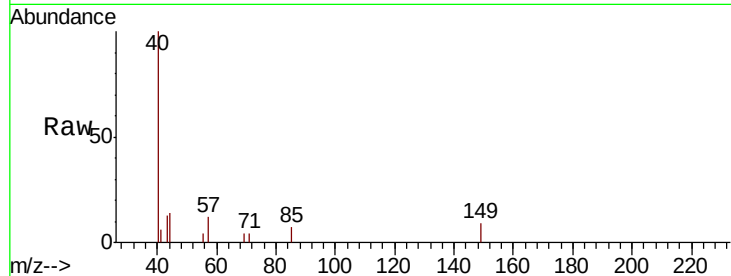




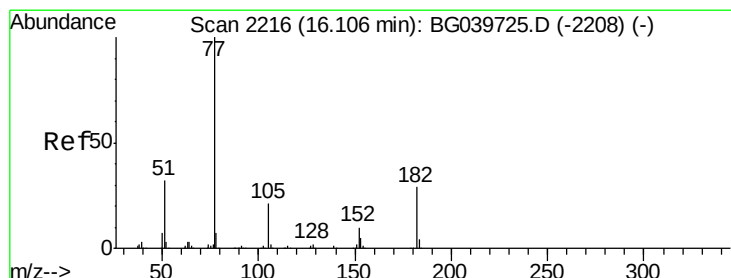
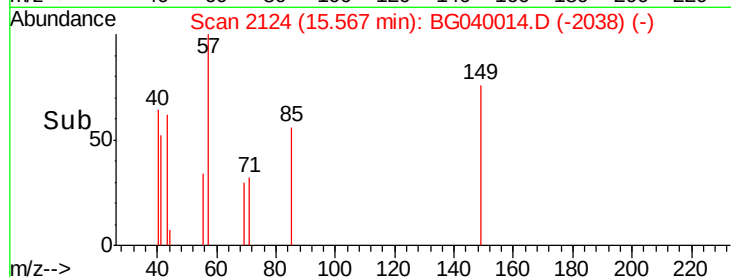
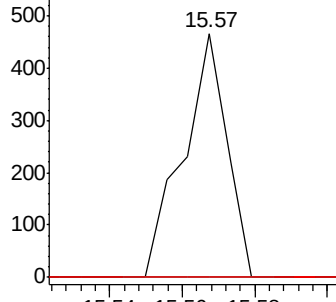
#60
Diethylphthalate
Concen: 0.041 ng
RT: 15.57 min Scan# 2124
Delta R.T. -0.02 min
Lab File: BG040014.D
Acq: 19 Mar 2019 22:37

Instrument :
BNA_G
ClientSampleId :
SP

Tgt Ion: 149 Resp: 389
Ion Ratio Lower Upper
149 100
177 0.0 18.3 27.5#
150 0.0 10.2 15.2#

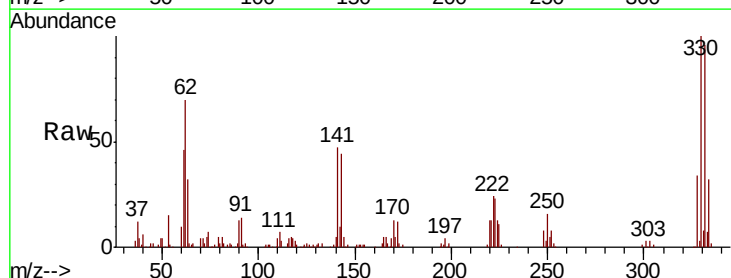


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

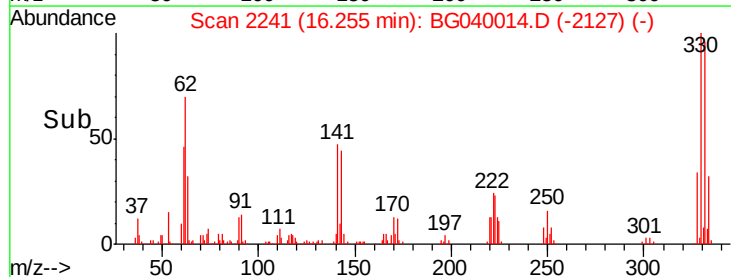
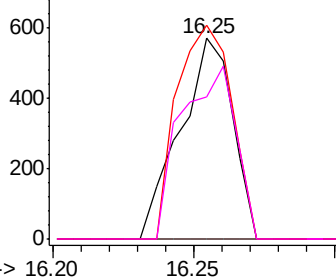


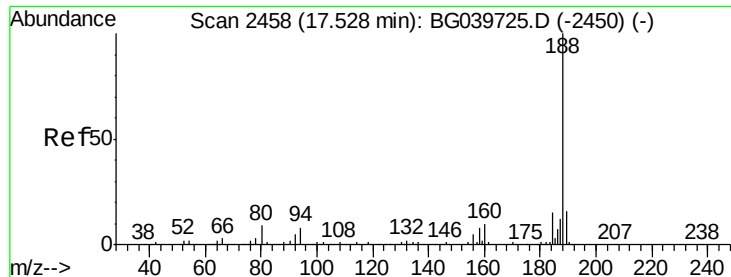
#63
Azobenzene
Concen: 0.086 ng
RT: 16.25 min Scan# 2241
Delta R.T. 0.14 min
Lab File: BG040014.D
Acq: 19 Mar 2019 22:37

Tgt Ion: 77 Resp: 734
Ion Ratio Lower Upper
77 100
182 0.0 6.4 46.4#
105 106.3 0.0 39.8#
51 70.7 14.1 54.1#



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.52 min Scan# 2456

Delta R.T. -0.02 min

Lab File: BG040014.D

Acq: 19 Mar 2019 22:37

Instrument :

BNA_G

ClientSampled :

SP

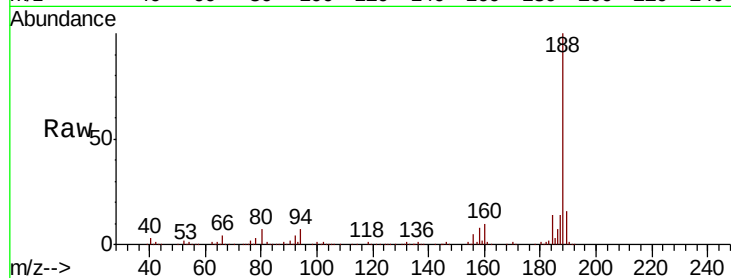
Tgt Ion:188 Resp: 278655

Ion Ratio Lower Upper

188 100

94 7.2 6.9 10.3

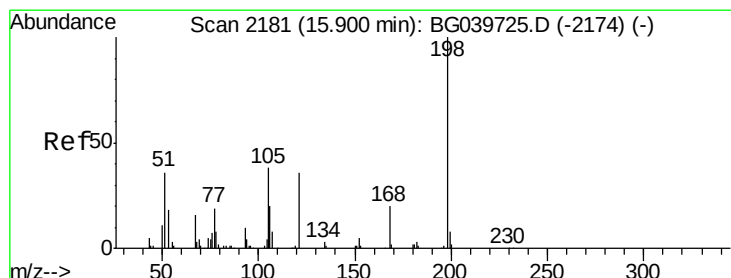
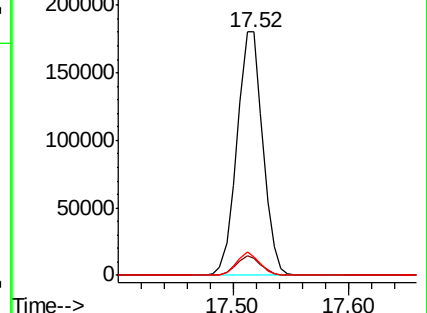
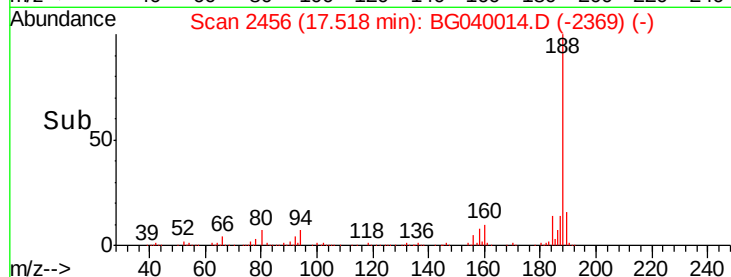
80 7.4 8.1 12.1#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#65

4,6-Dinitro-2-methylphenol

Concen: 0.333 ng

RT: 16.26 min Scan# 2242

Delta R.T. 0.35 min

Lab File: BG040014.D

Acq: 19 Mar 2019 22:37

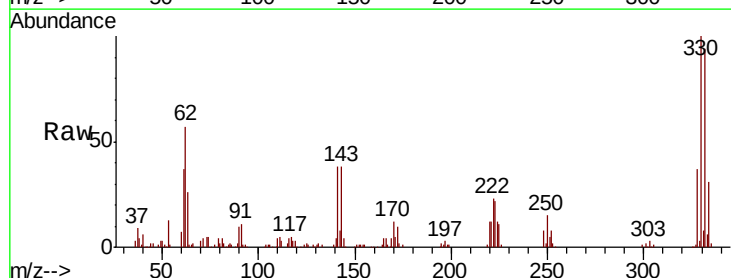
Tgt Ion:198 Resp: 549

Ion Ratio Lower Upper

198 100

51 98.0 27.4 67.4#

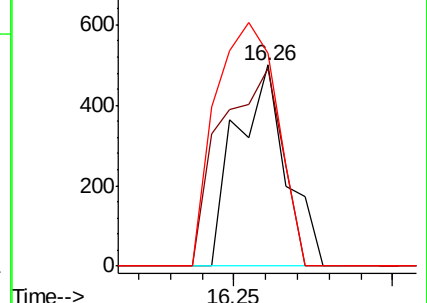
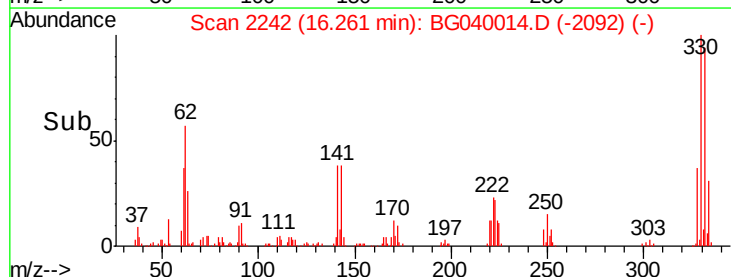
105 106.2 19.7 59.7#

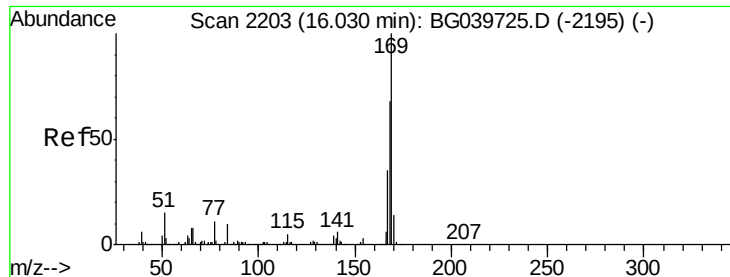


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E

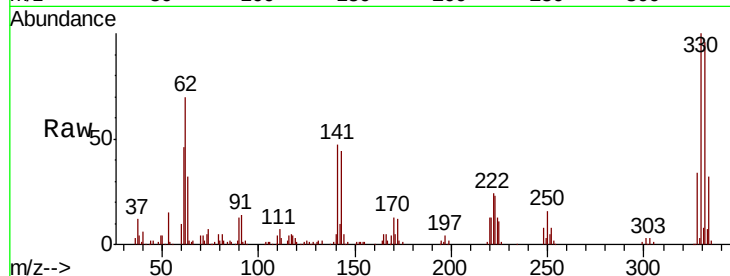




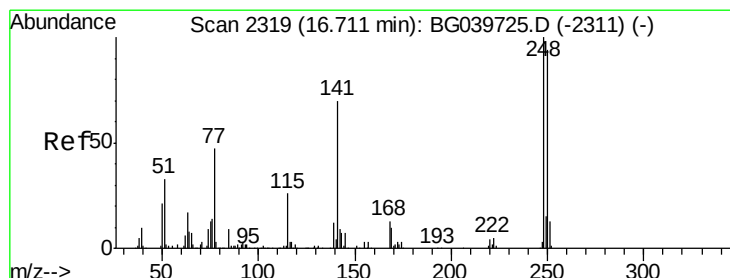
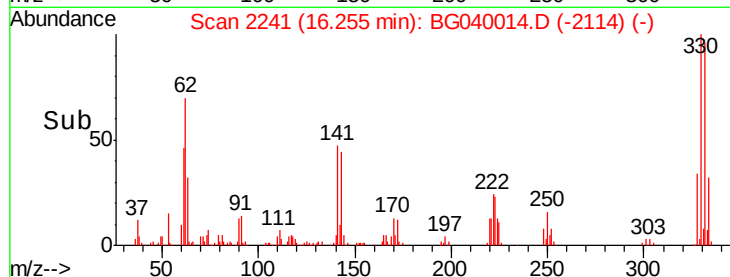
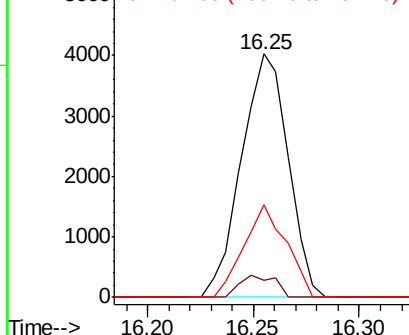
#66
 n-Nitrosodiphenylamine
 Concen: 0.764 ng
 RT: 16.25 min Scan# 2241
 Delta R.T. 0.22 min
 Lab File: BG040014.D
 Acq: 19 Mar 2019 22:37

Instrument :
 BNA_G
 ClientSampleId :
 SP

Tgt Ion:169 Resp: 6167
 Ion Ratio Lower Upper
 169 100
 168 7.0 56.6 85.0#
 167 37.9 28.8 43.2

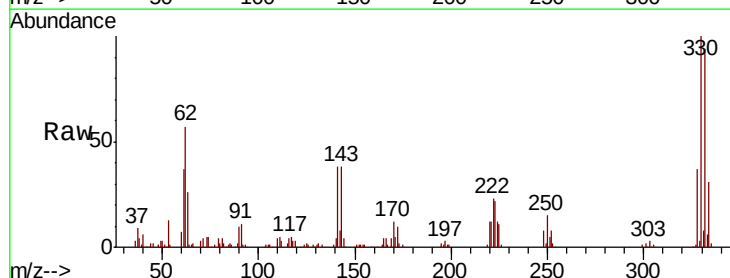


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

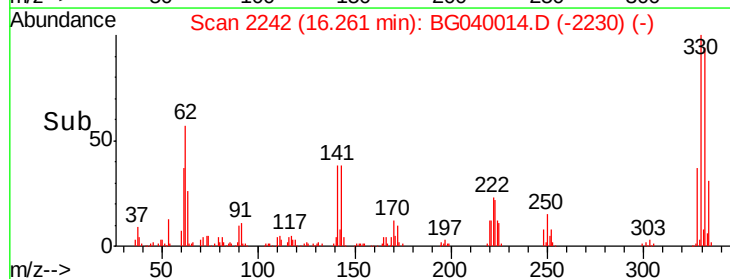
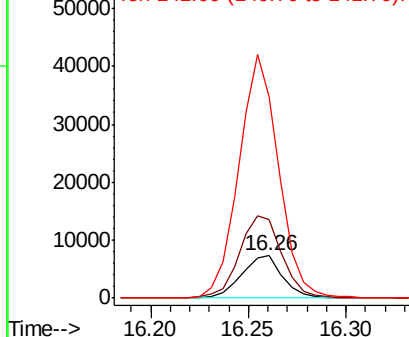


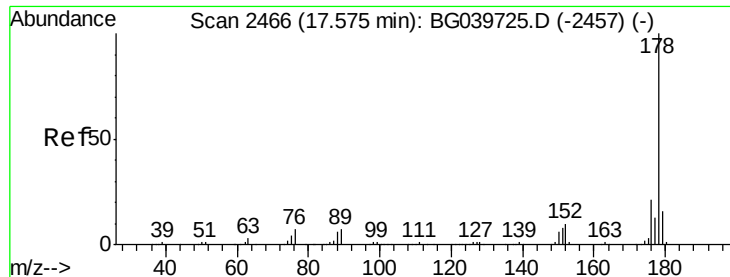
#67
 4-Bromophenyl-phenylether
 Concen: 3.369 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. -0.46 min
 Lab File: BG040014.D
 Acq: 19 Mar 2019 22:37

Tgt Ion:248 Resp: 10508
 Ion Ratio Lower Upper
 248 100
 250 183.4 77.6 116.4#
 141 473.5 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: 17.55 min Scan# 2462

Delta R.T. -0.02 min

Lab File: BG040014.D

Acq: 19 Mar 2019 22:37

Instrument :

BNA_G

ClientSampled :

SP

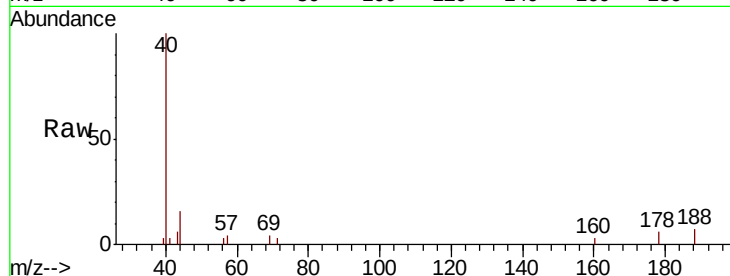
Tgt Ion:178 Resp: 303

Ion Ratio Lower Upper

178 100

176 0.0 16.2 24.4#

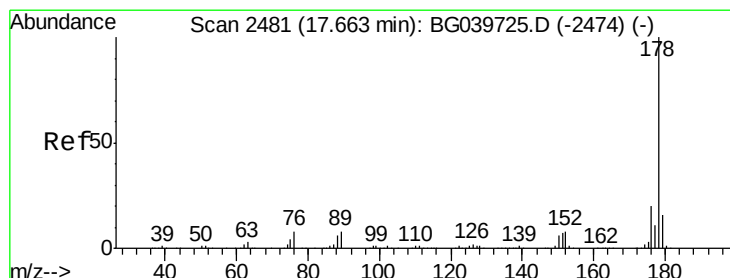
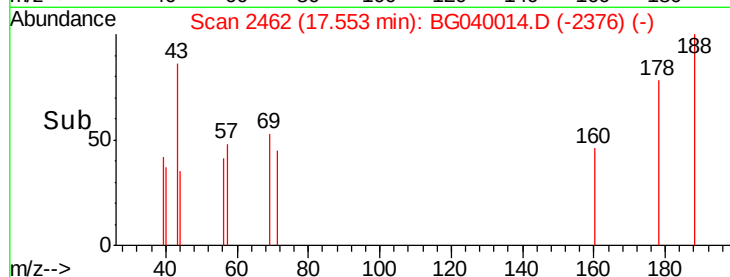
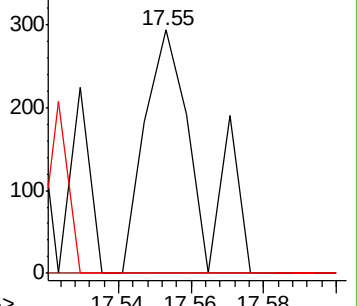
179 0.0 12.6 19.0#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 0.020 ng

RT: 17.55 min Scan# 2462

Delta R.T. -0.12 min

Lab File: BG040014.D

Acq: 19 Mar 2019 22:37

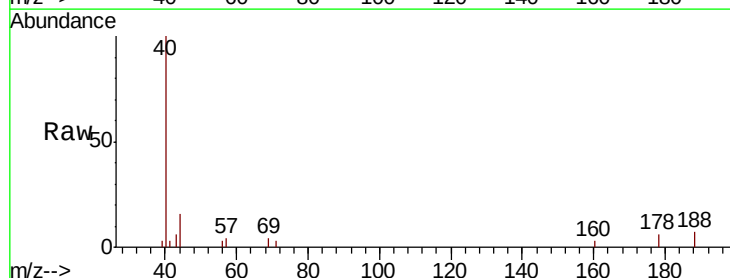
Tgt Ion:178 Resp: 303

Ion Ratio Lower Upper

178 100

176 0.0 15.8 23.6#

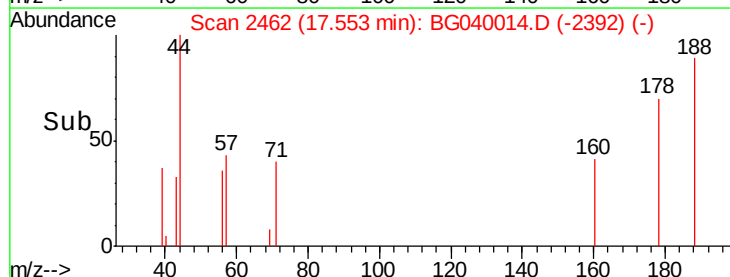
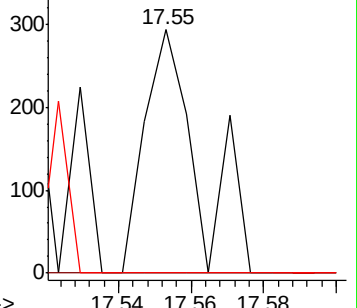
179 0.0 12.5 18.7#

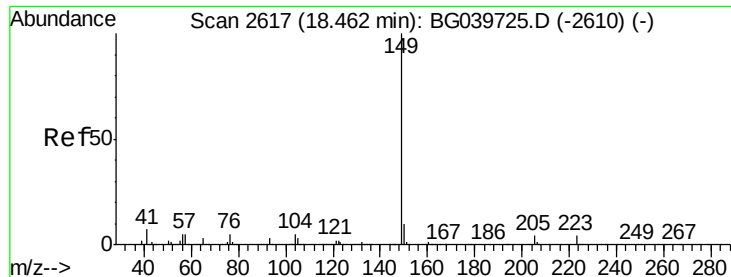


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Di-n-butylphthalate

Concen: 0.049 ng

RT: 18.45 min Scan# 2615

Delta R.T. -0.02 min

Lab File: BG040014.D

Acq: 19 Mar 2019 22:37

Instrument :

BNA_G

ClientSampleId :

SP

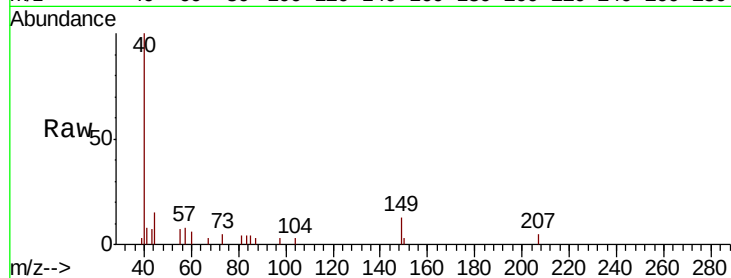
Tgt Ion:149 Resp: 780

Ion Ratio Lower Upper

149 100

150 21.7 7.7 11.5#

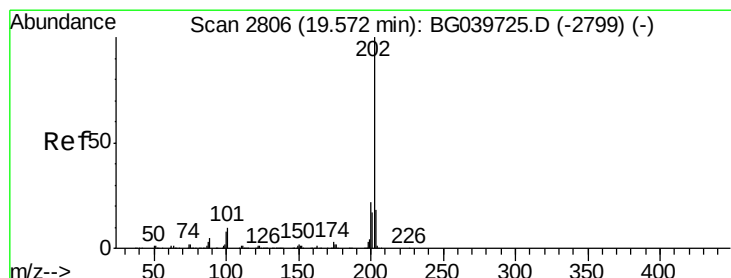
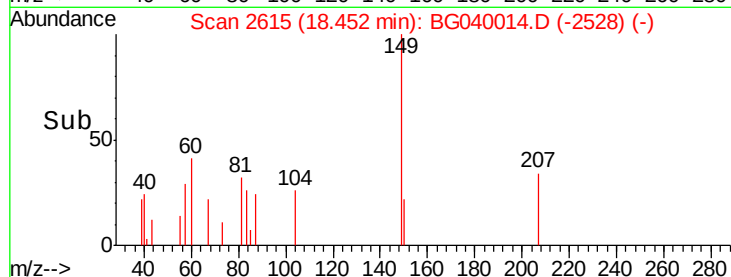
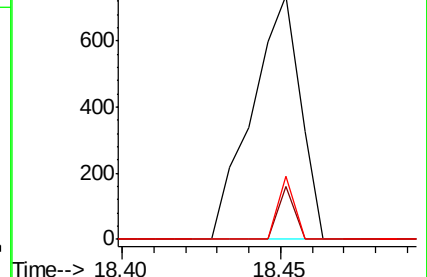
104 25.8 4.5 6.7#



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: 19.57 min Scan# 2805

Delta R.T. -0.01 min

Lab File: BG040014.D

Acq: 19 Mar 2019 22:37

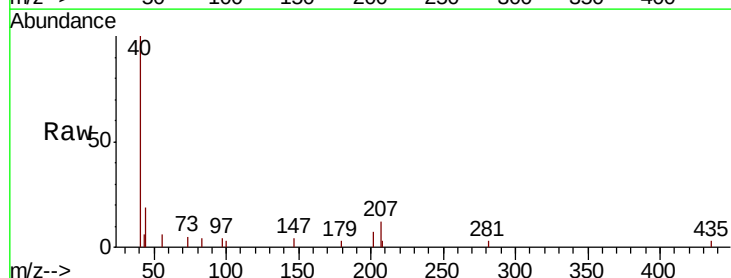
Tgt Ion:202 Resp: 357

Ion Ratio Lower Upper

202 100

101 0.0 0.0 30.0

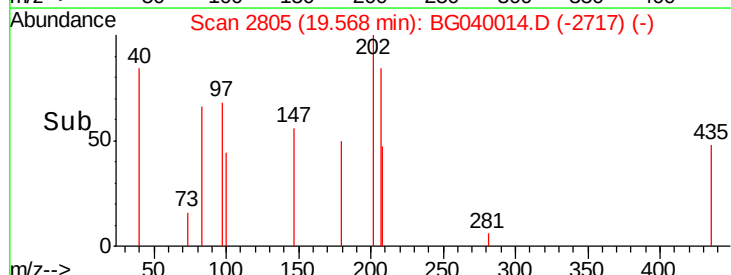
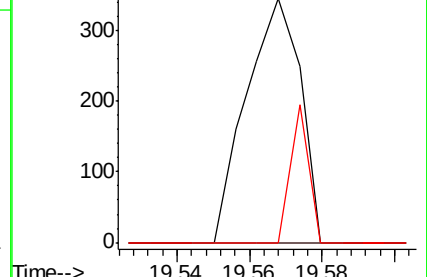
203 0.0 0.0 38.9

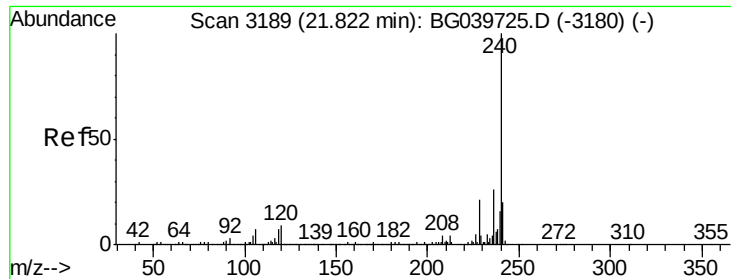


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

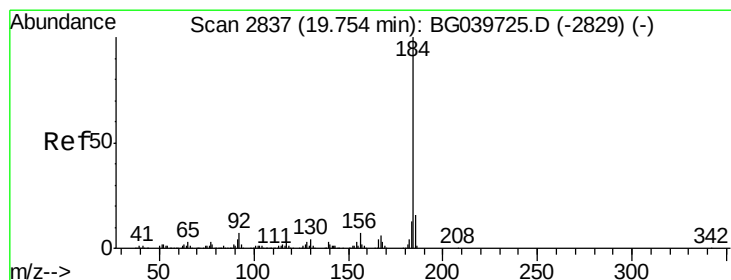
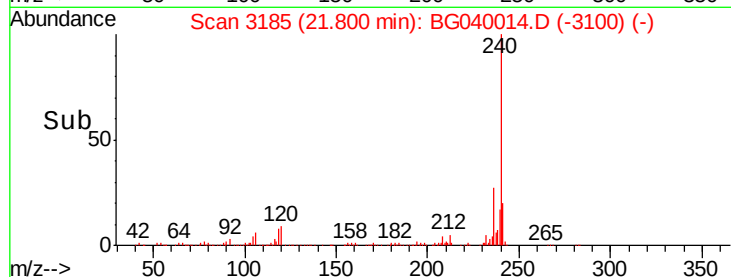
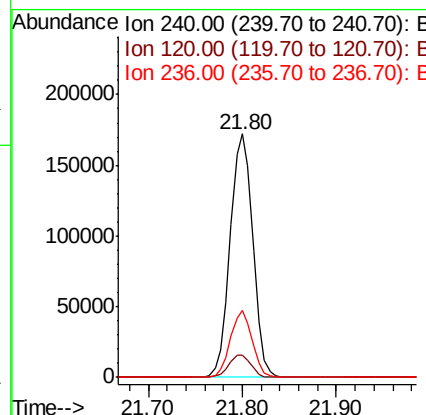
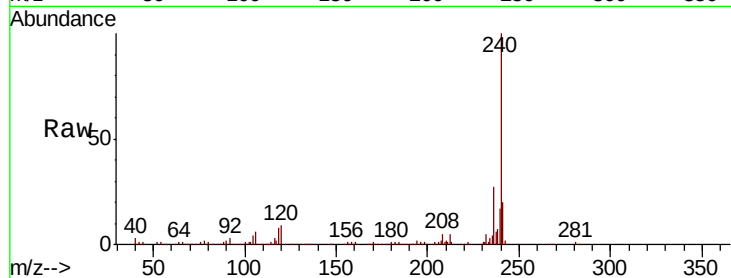




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.80 min Scan# 3185
 Delta R.T. -0.03 min
 Lab File: BG040014.D
 Acq: 19 Mar 2019 22:37

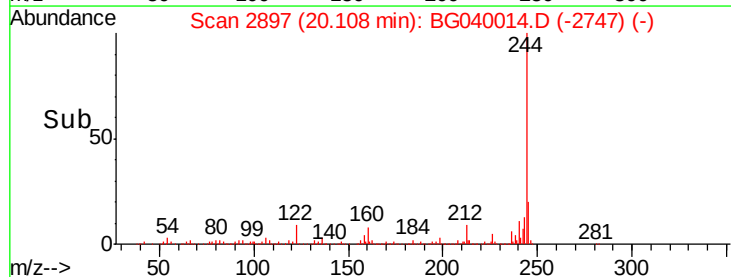
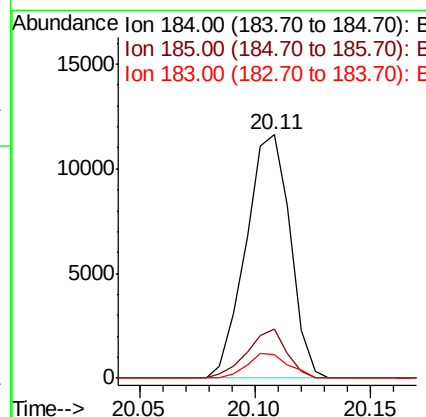
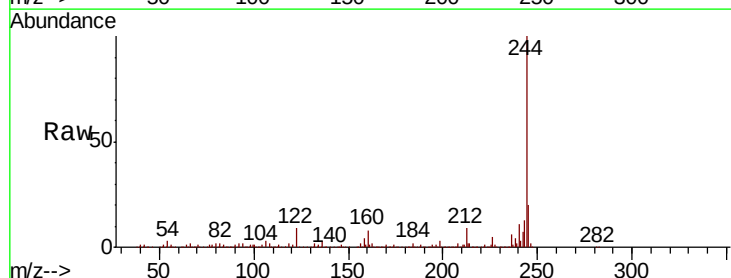
Instrument :
 BNA_G
 ClientSampleId :
 SP

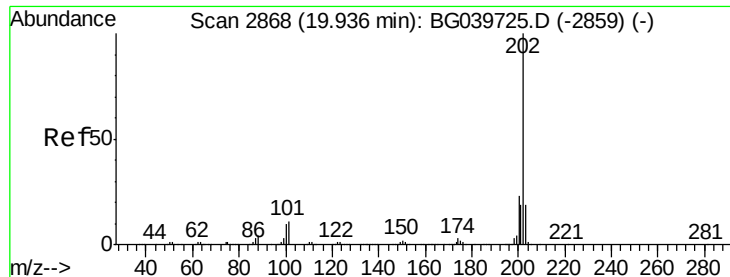
Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.0	7.0	10.6
236	27.4	21.0	31.4



#77
 Benzidine
 Concen: 1.694 ng
 RT: 20.11 min Scan# 2897
 Delta R.T. 0.35 min
 Lab File: BG040014.D
 Acq: 19 Mar 2019 22:37

Tgt Ion	Ratio	Lower	Upper
184	100		
185	20.2	12.2	18.2#
183	9.7	10.6	15.8#





#78

Pyrene

Concen: 0.008 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.02 min

Lab File: BG040014.D

Acq: 19 Mar 2019 22:37

Instrument :

BNA_G

ClientSampleId :

SP

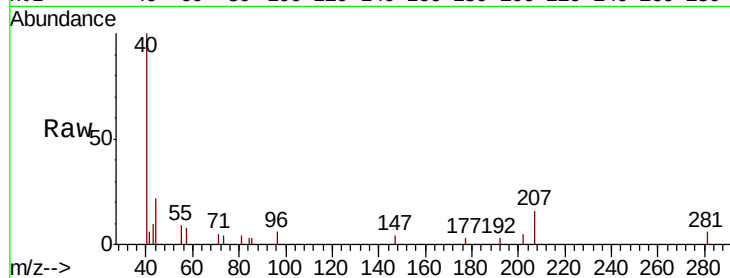
Tgt Ion:202 Resp: 147

Ion Ratio Lower Upper

202 100

200 0.0 17.8 26.8#

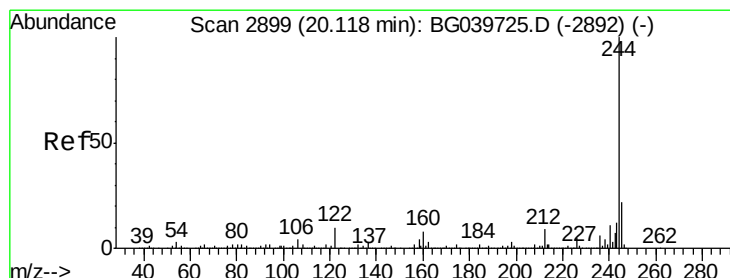
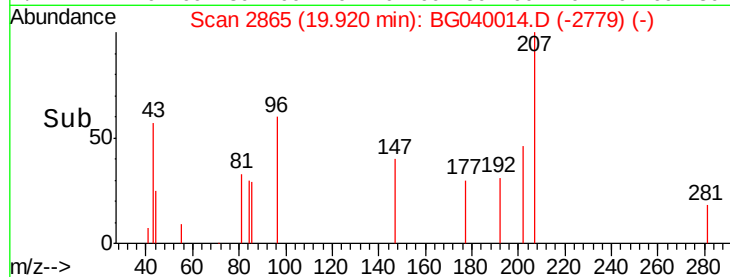
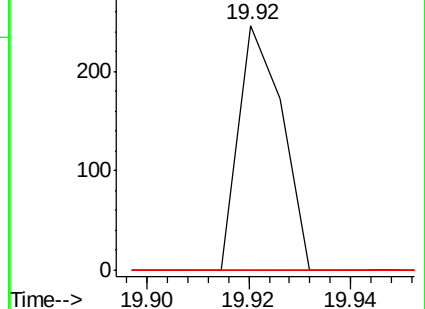
203 0.0 15.3 22.9#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 63.126 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040014.D

Acq: 19 Mar 2019 22:37

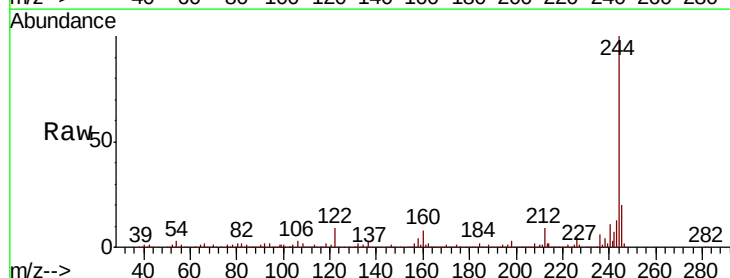
Tgt Ion:244 Resp: 827420

Ion Ratio Lower Upper

244 100

212 8.7 7.3 10.9

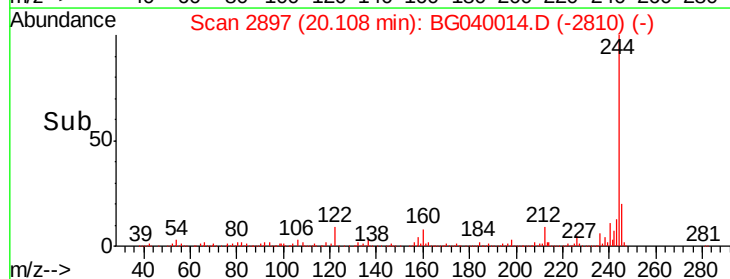
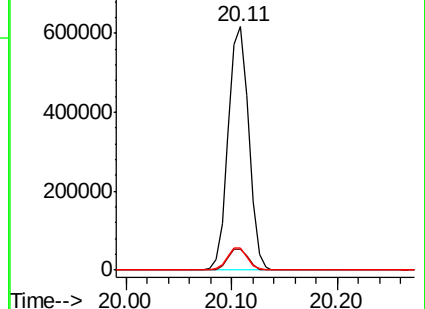
122 9.2 8.4 12.6

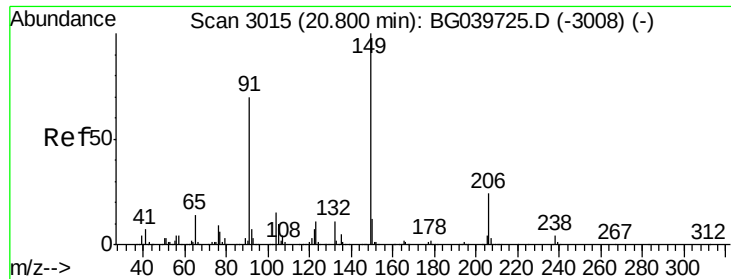


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

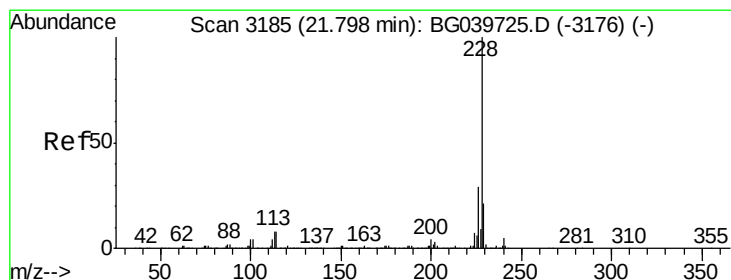
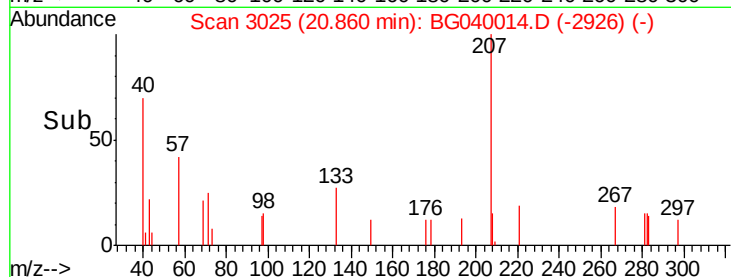
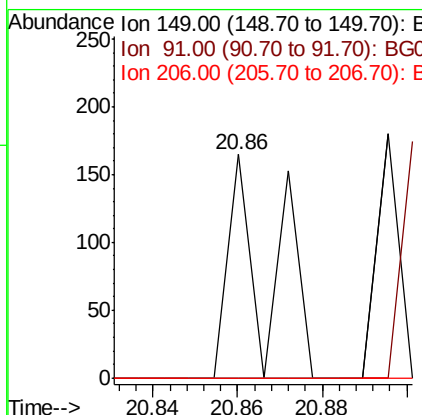
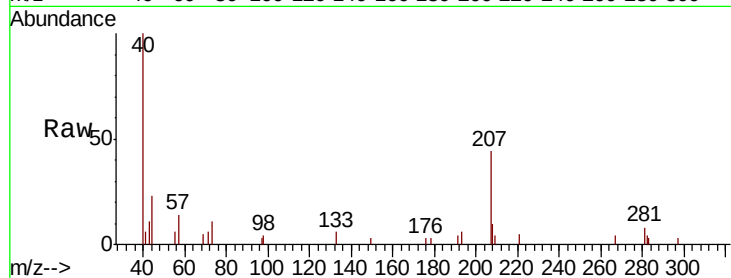




#80
Butylbenzylphthalate
Concen: 0.015 ng
RT: 20.86 min Scan# 3025
Delta R.T. 0.05 min
Lab File: BG040014.D
Acq: 19 Mar 2019 22:37

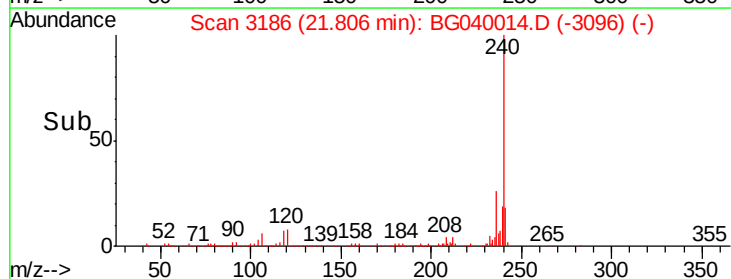
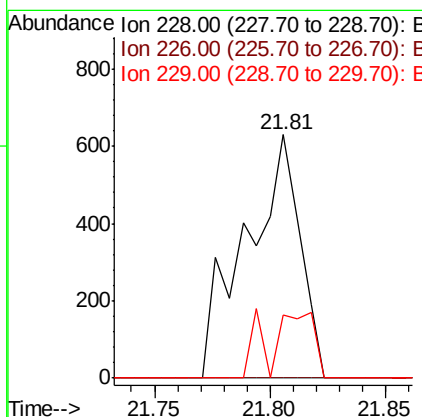
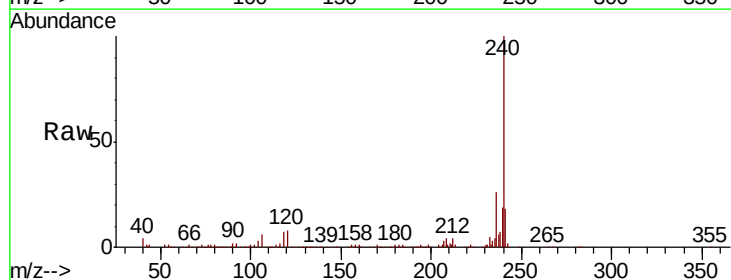
Instrument :
BNA_G
ClientSampled :
SP

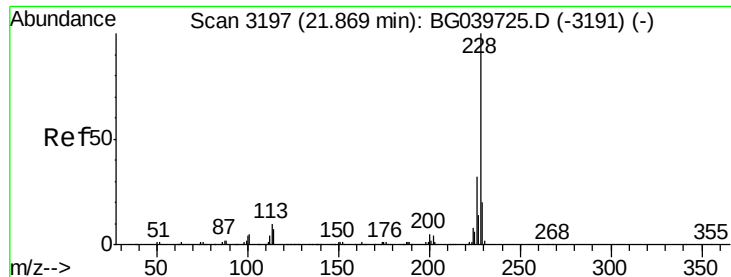
Tgt Ion	Ratio	Lower	Upper
149	100		
91	0.0	59.5	89.3#
206	0.0	18.6	27.8#



#81
Benzo(a)anthracene
Concen: 0.057 ng
RT: 21.81 min Scan# 3186
Delta R.T. 0.00 min
Lab File: BG040014.D
Acq: 19 Mar 2019 22:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	0.0	23.0	34.6#
229	26.0	16.9	25.3#





#83

Chrysene

Concen: 0.059 ng

RT: 21.81 min Scan# 3186

Delta R.T. -0.07 min

Lab File: BG040014.D

Acq: 19 Mar 2019 22:37

Instrument :

BNA_G

ClientSampleId :

SP

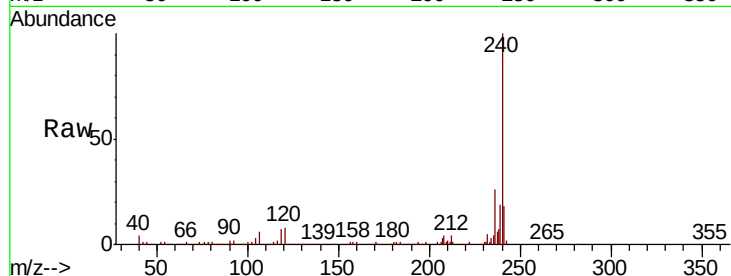
Tgt Ion:228 Resp: 1026

Ion Ratio Lower Upper

228 100

226 0.0 25.8 38.6#

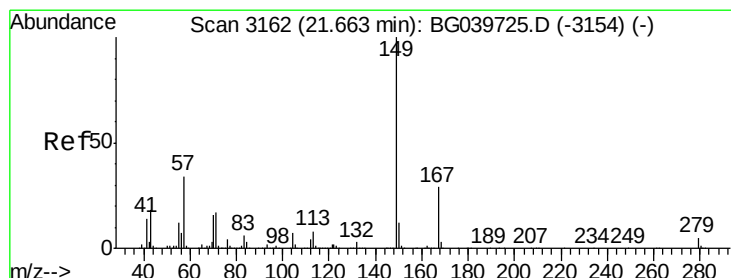
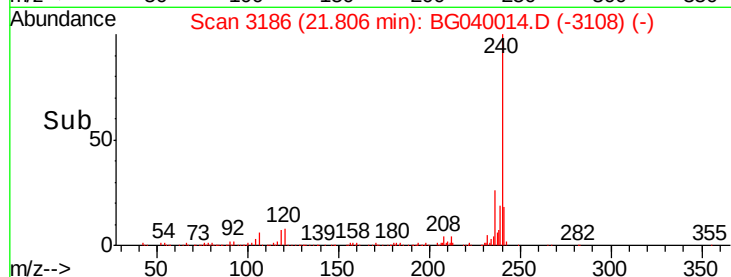
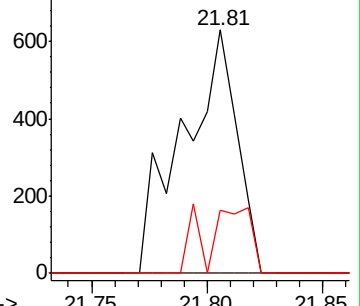
229 26.0 16.6 25.0#



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.078 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.03 min

Lab File: BG040014.D

Acq: 19 Mar 2019 22:37

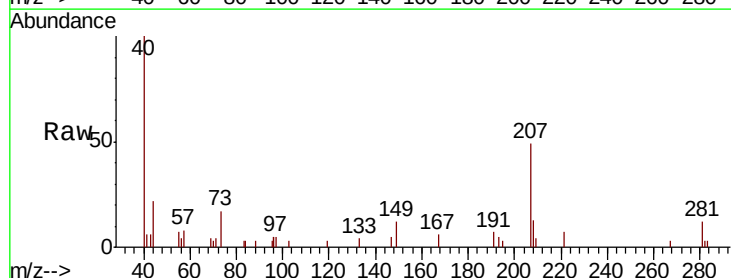
Tgt Ion:149 Resp: 801

Ion Ratio Lower Upper

149 100

167 47.5 22.6 34.0#

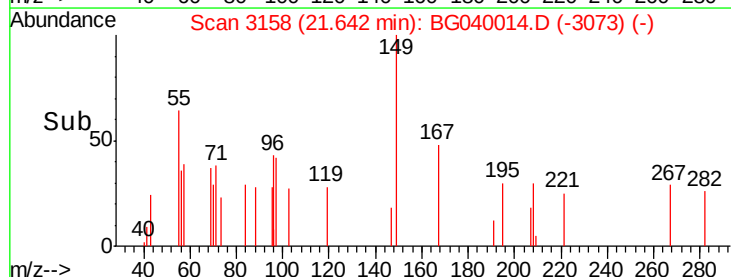
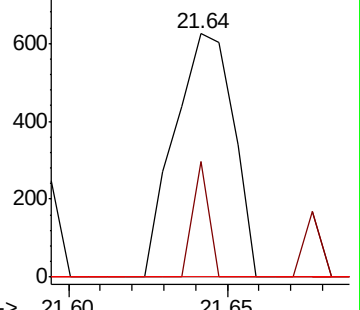
279 0.0 3.5 5.3#

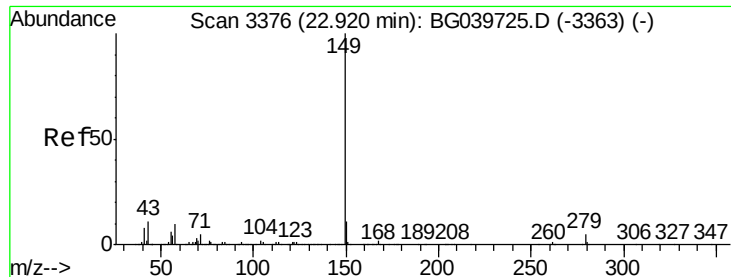


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

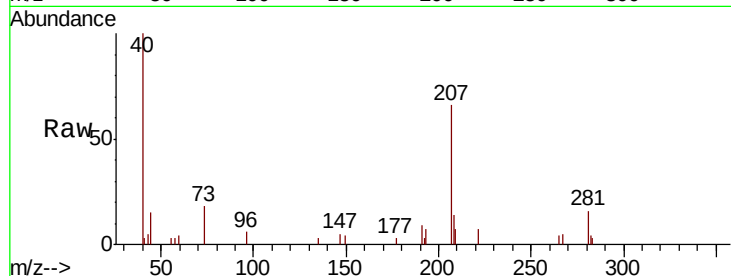




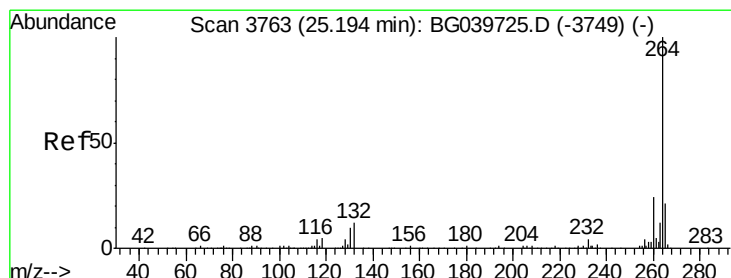
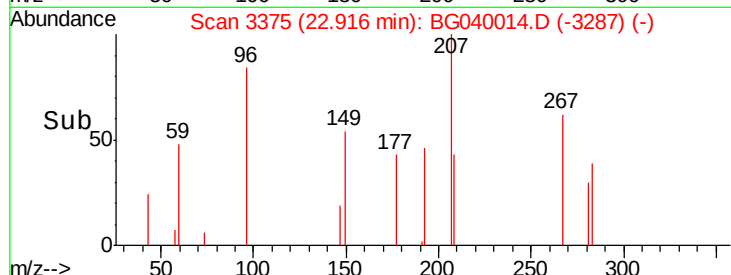
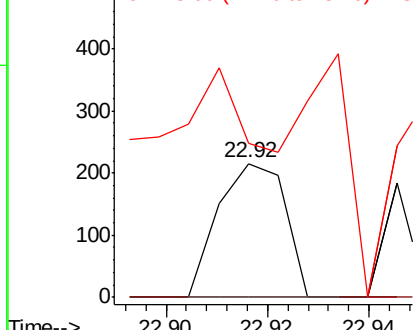
#85
Di-n-octyl phthalate
Concen: 0.012 ng
RT: 22.92 min Scan# 3375
Delta R.T. -0.01 min
Lab File: BG040014.D
Acq: 19 Mar 2019 22:37

Instrument :
BNA_G
ClientSampleId :
SP

Tgt Ion:149 Resp: 199
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 0.0 10.2 15.4#

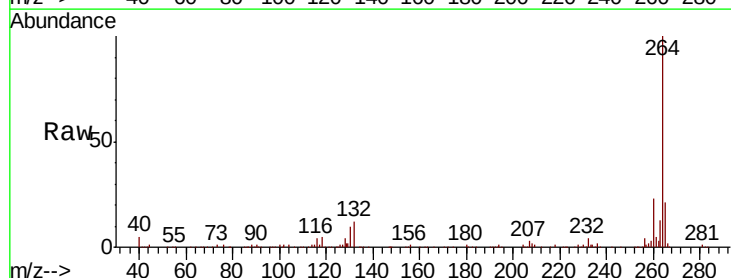


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

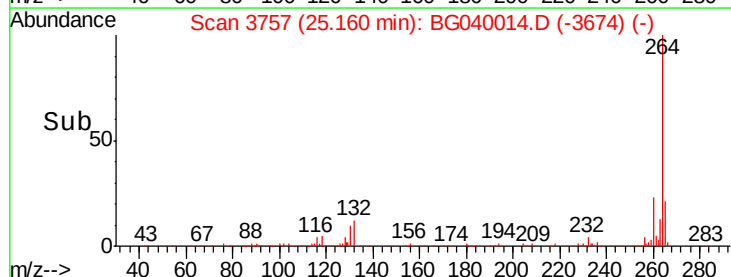
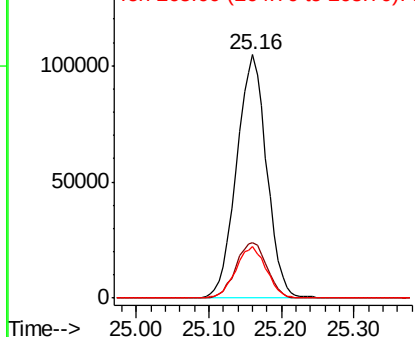


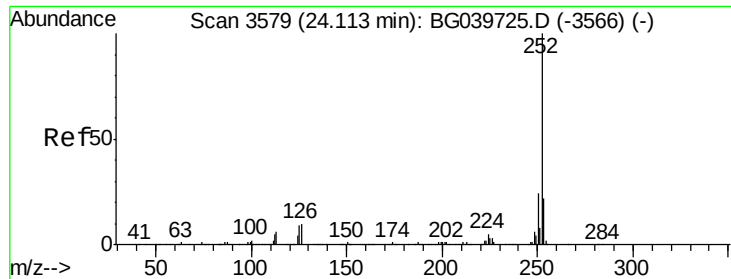
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.16 min Scan# 3757
Delta R.T. -0.04 min
Lab File: BG040014.D
Acq: 19 Mar 2019 22:37

Tgt Ion:264 Resp: 300544
Ion Ratio Lower Upper
264 100
260 23.0 18.2 27.4
265 21.0 18.5 27.7



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





#88

Benzo(b)fluoranthene

Concen: 0.003 ng

RT: 24.10 min Scan# 3577

Delta R.T. -0.02 min

Lab File: BG040014.D

Acq: 19 Mar 2019 22:37

Instrument :

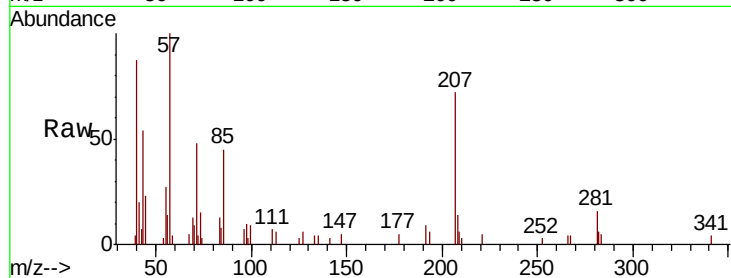
BNA_G

ClientSampleId :

SP

Tgt Ion:252 Resp: 55

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.8	26.8#
125	111.0	7.8	11.6#

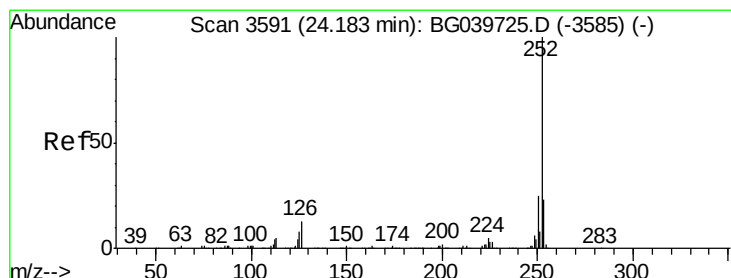
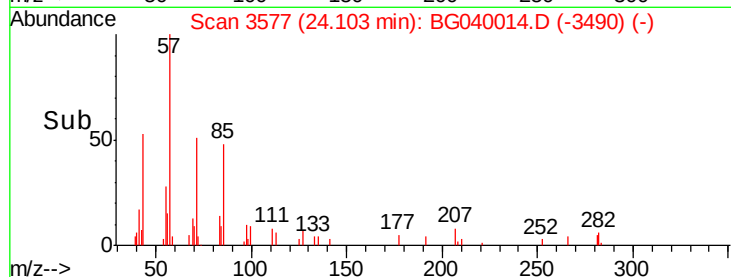
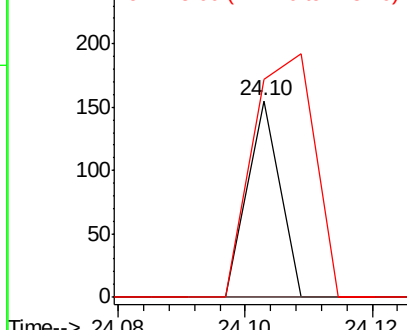


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 0.003 ng

RT: 24.10 min Scan# 3577

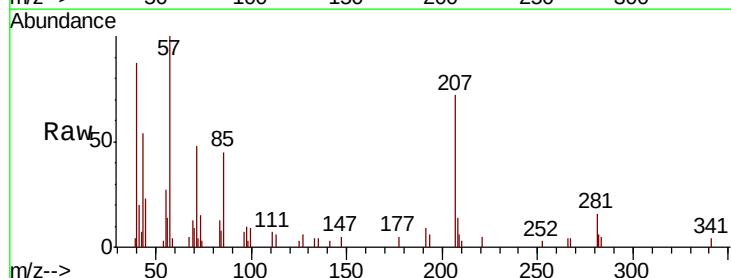
Delta R.T. -0.09 min

Lab File: BG040014.D

Acq: 19 Mar 2019 22:37

Tgt Ion:252 Resp: 55

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.2	27.2#
125	111.0	7.4	11.2#

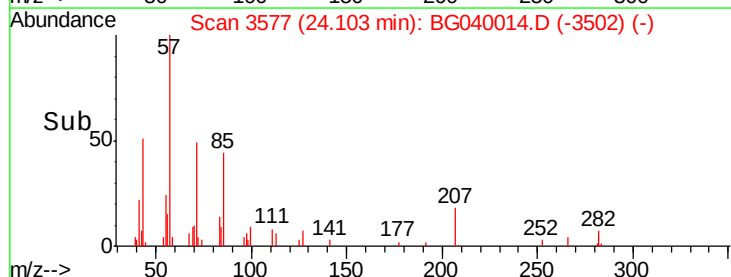
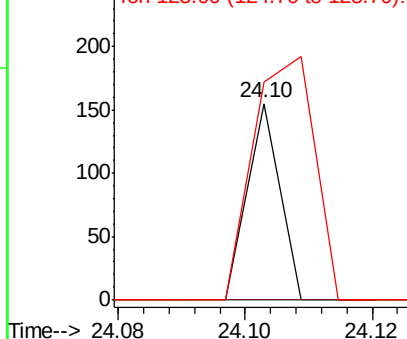


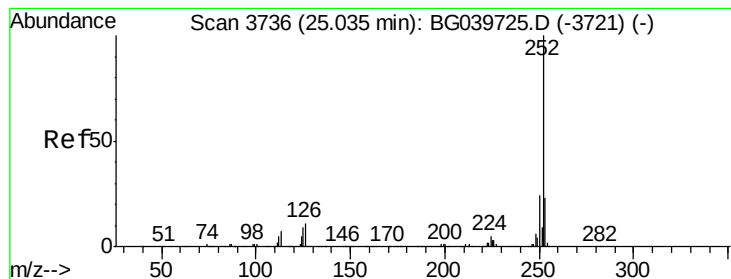
Abundance

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: 0.042 ng

RT: 25.15 min Scan# 3755

Delta R.T. 0.11 min

Lab File: BG040014.D

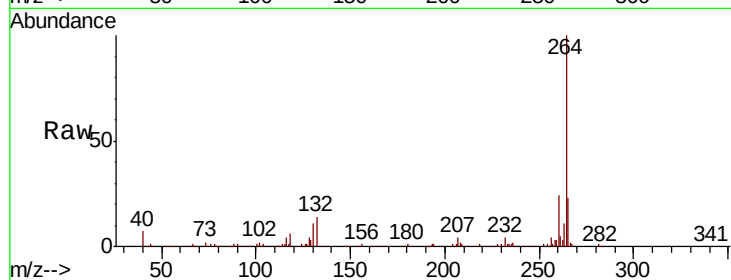
Acq: 19 Mar 2019 22:37

Instrument :

BNA_G

ClientSampleId :

SP



Tgt Ion:	252	Resp:	702
Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.9	26.9#
125	0.0	8.3	12.5#

