

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031919\
 Data File : BG040009.D
 Acq On : 19 Mar 2019 19:18
 Operator : JU/SJ
 Sample : K1958-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Quant Time: Mar 20 04:11:04 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	34805	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	147277	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	96423	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	229915	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	258139	20.00	ng	-0.03
87) Perylene-d12	25.16	264	262114	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	250179	122.63	ng	-0.02
7) Phenol-d6	7.29	99	365609	120.19	ng	-0.02
23) Nitrobenzene-d5	9.32	82	226886	83.32	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	132491	117.89	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	526205	77.70	ng	-0.02
79) Terphenyl-d14	20.11	244	865886	73.86	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.57	88	58	0.062	ng	# 10
4) n-Nitrosodimethylamine	3.94	42	56	0.047	ng	# 1
6) Aniline	7.33	93	116	0.029	ng	# 1
9) Benzaldehyde	7.30	77	610	0.311	ng	# 4
10) Phenol	7.32	94	5955	1.807	ng	# 93
11) bis(2-Chloroethyl)ether	7.68	93	442	0.172	ng	# 1
15) Benzyl Alcohol	8.47	79	3358	1.392	ng	# 56
16) 2,2'-oxybis(1-Chloropropan	8.73	45	61	0.012	ng	# 75
19) n-Nitroso-di-n-propylamine	9.32	70	28868	13.185	ng	# 71
20) 3+4-Methylphenols	9.33	107	60	0.021	ng	# 1
24) Nitrobenzene	9.33	77	633	0.222	ng	# 41
46) 1,1'-Biphenyl	13.61	154	863	0.109	ng	# 89
48) 2-Nitroaniline	14.21	65	436	0.227	ng	# 1
50) Dimethylphthalate	14.21	163	50767	6.296	ng	# 99
51) 2,6-Dinitrotoluene	14.21	165	413	0.242	ng	# 34
52) Acenaphthene	14.77	154	456	0.077	ng	# 5
57) 2,4-Dinitrotoluene	14.77	165	12432	5.176	ng	# 17
58) Fluorene	16.25	166	5334	0.702	ng	# 81
60) Diethylphthalate	15.56	149	323	0.040	ng	# 58
63) Azobenzene	16.26	77	779	0.108	ng	# 22
65) 4,6-Dinitro-2-methylphenol	16.26	198	504	0.371	ng	# 28
66) n-Nitrosodiphenylamine	16.26	169	5839	0.877	ng	# 48
67) 4-Bromophenyl-phenylether	16.26	248	10605	4.121	ng	# 1
70) Pentachlorophenol	17.17	266	60	0.036	ng	# 18
71) Phenanthrene	17.56	178	368	0.029	ng	# 59
72) Anthracene	17.56	178	368	0.030	ng	# 60
73) Carbazole	17.94	167	61	0.005	ng	# 57
74) Di-n-butylphthalate	18.45	149	1340	0.102	ng	# 77
75) Fluoranthene	19.56	202	320	0.021	ng	# 63
77) Benzidine	20.11	184	15791	1.928	ng	# 95
78) Pyrene	19.92	202	375	0.022	ng	# 42
80) Butylbenzylphthalate	20.94	149	58	0.009	ng	# 22
81) Benzo(a)anthracene	21.79	228	1004	0.062	ng	# 50
83) Chrysene	21.84	228	86	0.005	ng	# 48

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QLast Update : Mon Mar 04 14:38:15 2019
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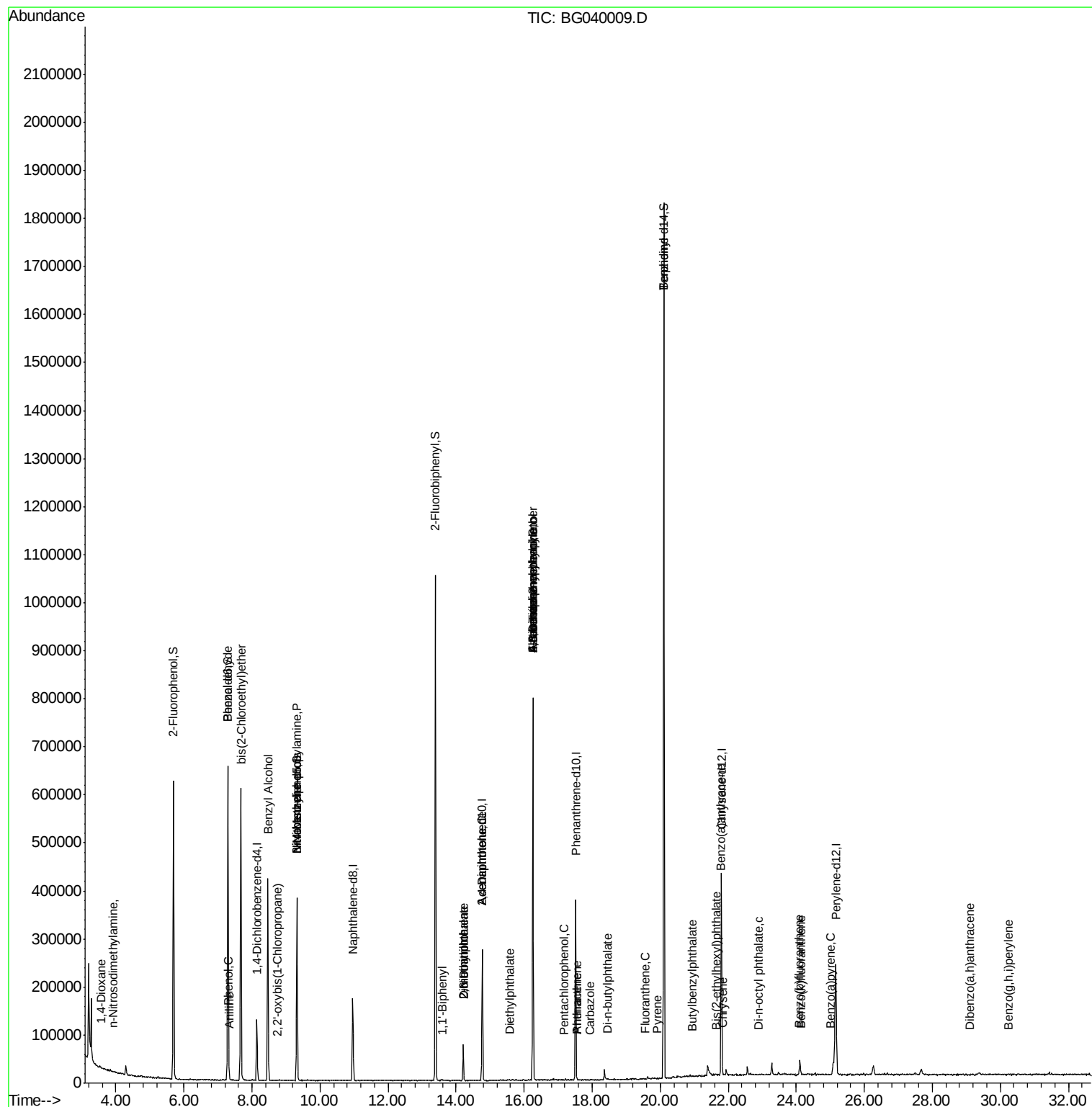
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) Bis(2-ethylhexyl)phthalate	21.65	149	322	0.035	ng	# 52
85) Di-n-octyl phthalate	22.90	149	440	0.029	ng	# 71
88) Benzo(b)fluoranthene	24.08	252	282	0.018	ng	# 60
89) Benzo(k)fluoranthene	24.15	252	60	0.004	ng	# 59
90) Benzo(a)pyrene	25.01	252	69	0.005	ng	# 59
91) Dibenzo(a,h)anthracene	29.09	278	63	0.004	ng	# 56
92) Benzo(g,h,i)perylene	30.24	276	55	0.004	ng	# 54

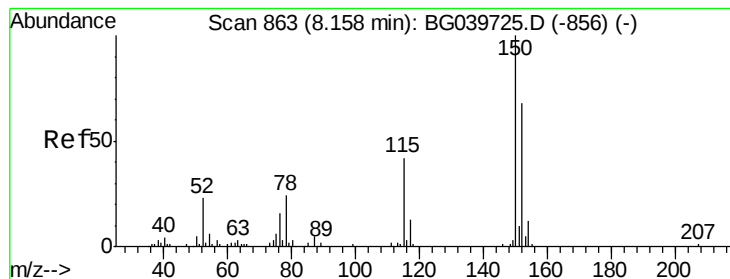
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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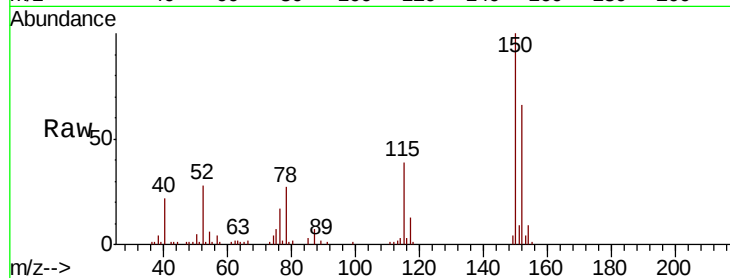


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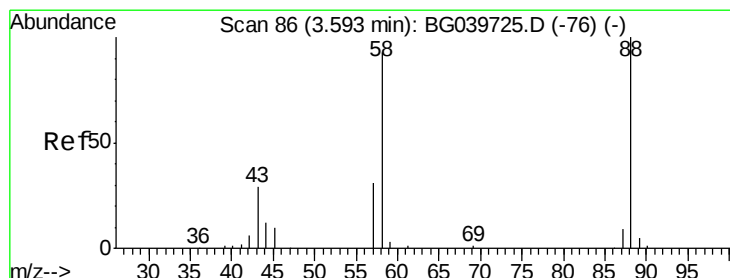
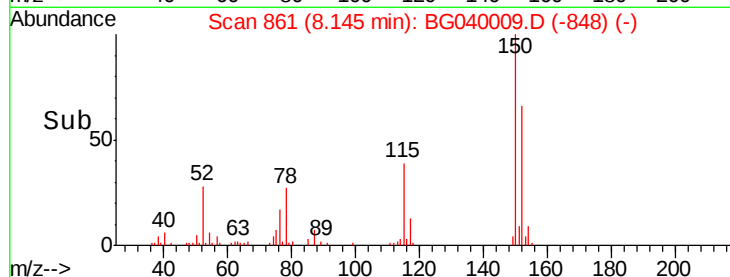
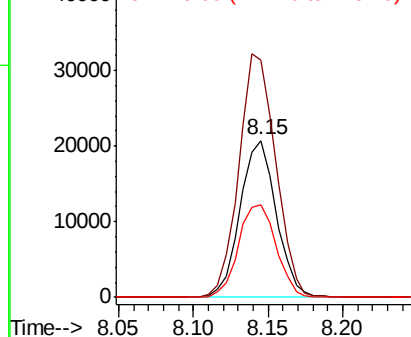
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BG040009.D
Acq: 19 Mar 2019 19:18

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion:152 Resp: 34805
Ion Ratio Lower Upper
152 100
150 150.9 123.7 185.5
115 58.6 45.9 68.9



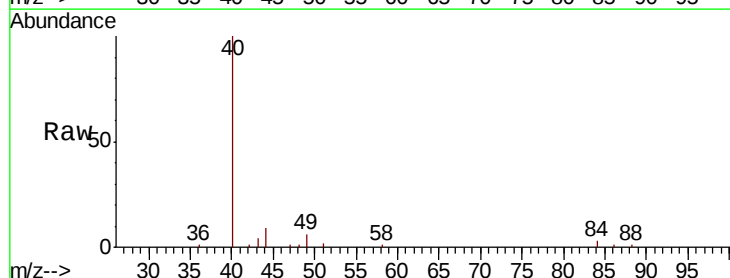
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



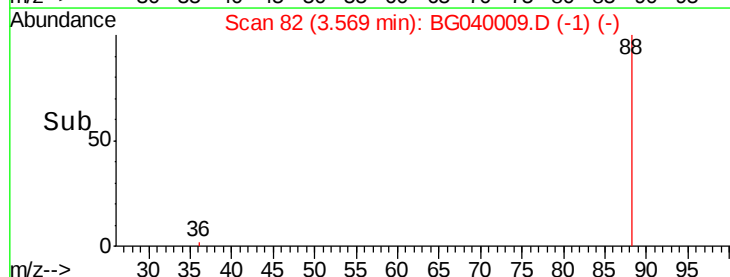
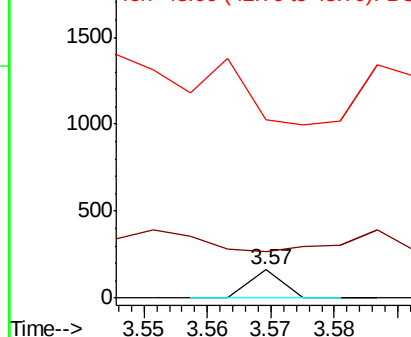
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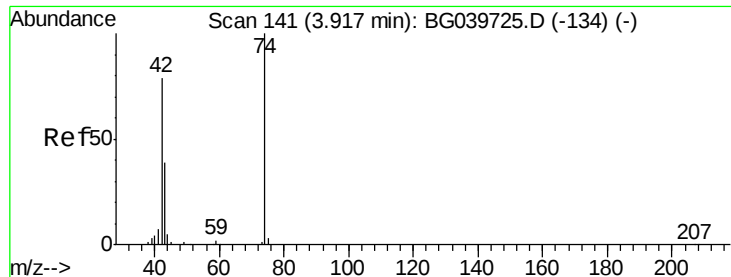
1,4-Dioxane
Concen: 0.062 ng
RT: 3.57 min Scan# 82
Delta R.T. -0.04 min
Lab File: BG040009.D
Acq: 19 Mar 2019 19:18

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



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#4

n-Nitrosodimethylamine

Concen: 0.047 ng

RT: 3.94 min Scan# 145

Delta R.T. 0.01 min

Lab File: BG040009.D

Acq: 19 Mar 2019 19:18

Instrument :

BNA_G

ClientSampleId :

TP-3

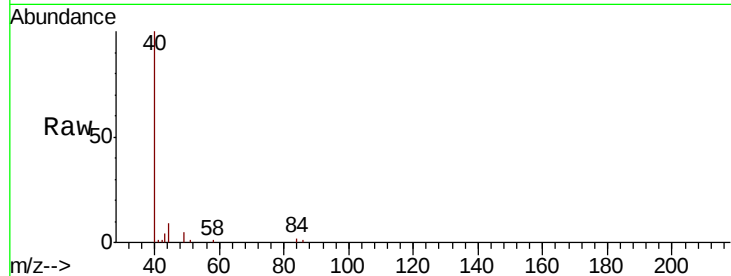
Tgt Ion: 42 Resp: 56

Ion Ratio Lower Upper

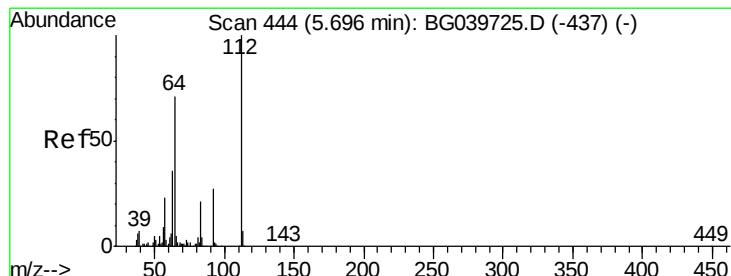
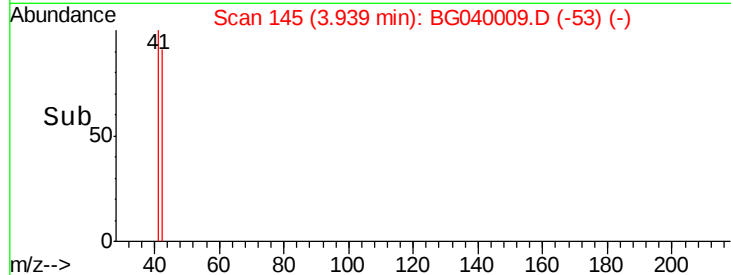
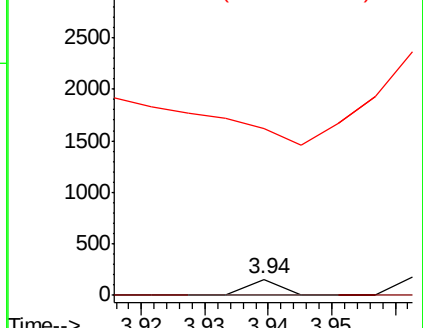
42 100

74 0.0 83.6 125.4#

44 1022.8 6.9 10.3#



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



#5

2-Fluorophenol

Concen: 122.628 ng

RT: 5.69 min Scan# 443

Delta R.T. -0.02 min

Lab File: BG040009.D

Acq: 19 Mar 2019 19:18

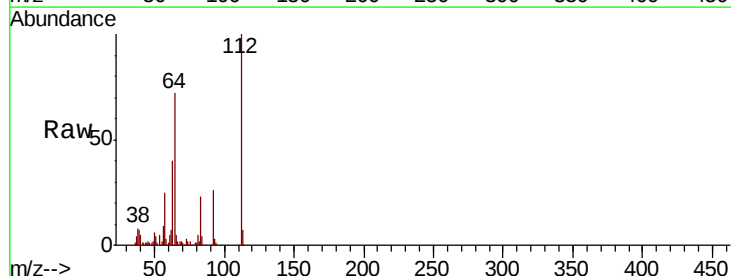
Tgt Ion: 112 Resp: 250179

Ion Ratio Lower Upper

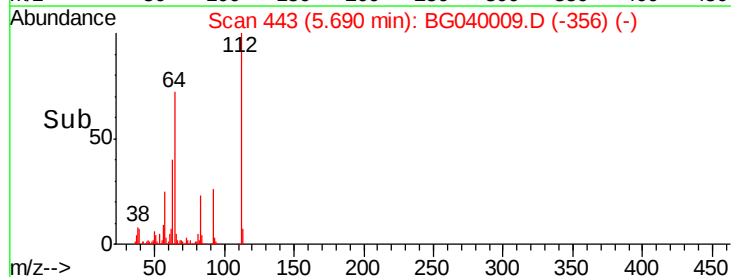
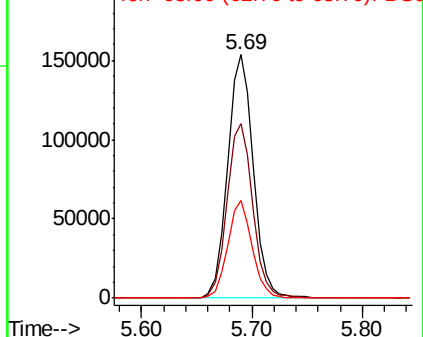
112 100

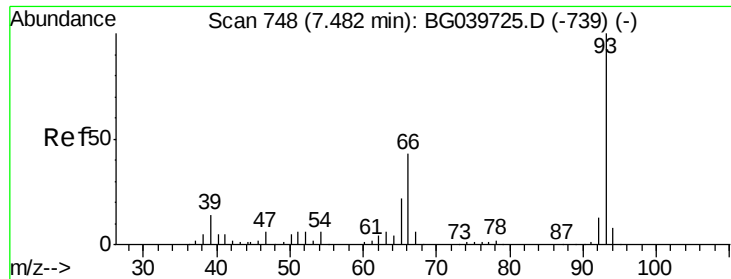
64 71.9 57.8 86.8

63 40.3 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: 0.029 ng

RT: 7.33 min Scan# 723

Delta R.T. -0.16 min

Lab File: BG040009.D

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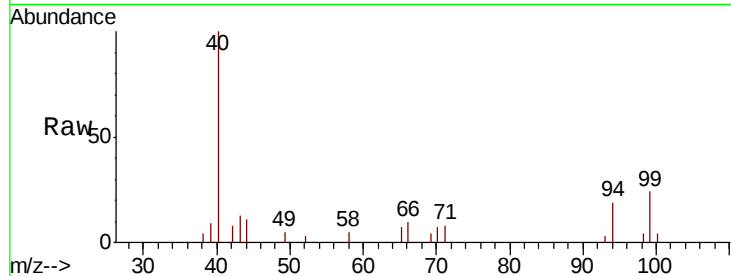
Tgt Ion: 93 Resp: 116

Ion Ratio Lower Upper

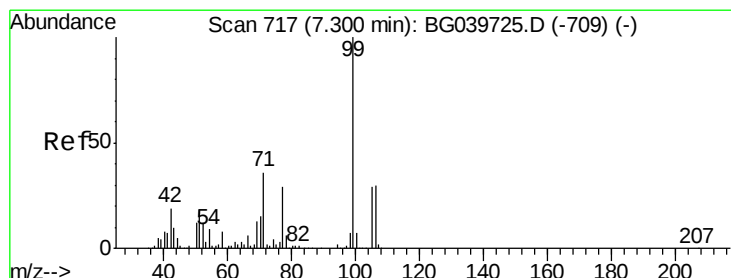
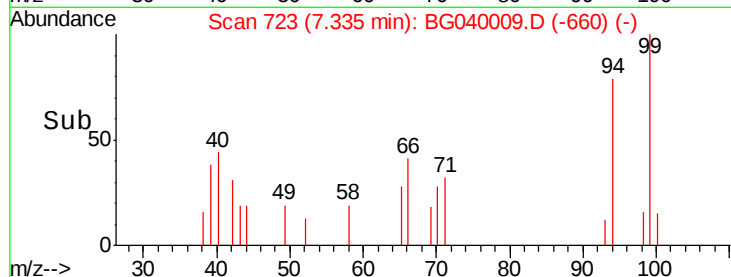
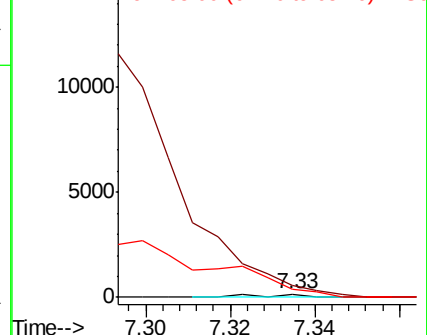
93 100

66 339.3 34.2 51.4#

65 232.1 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: 120.188 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG040009.D

Acq: 19 Mar 2019 19:18

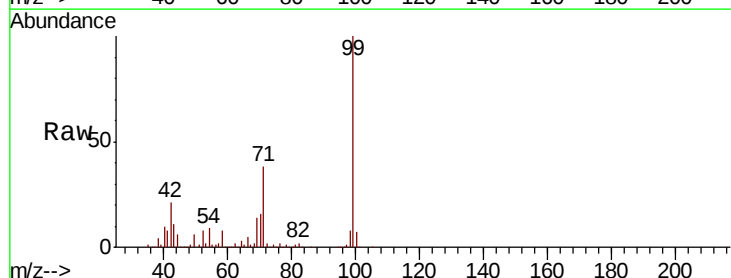
Tgt Ion: 99 Resp: 365609

Ion Ratio Lower Upper

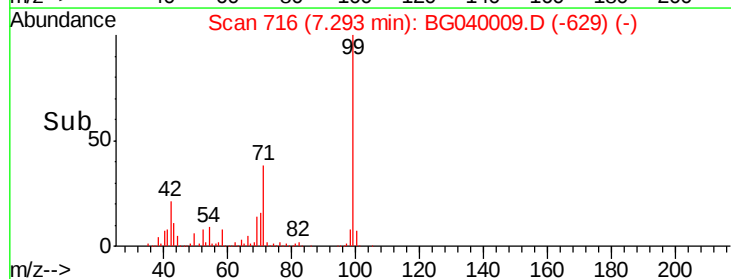
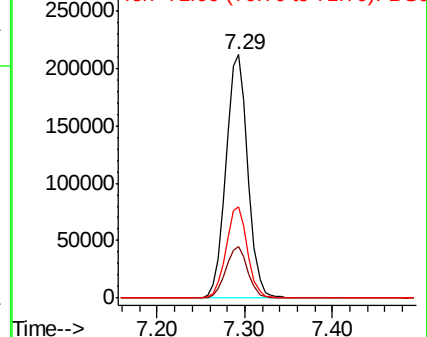
99 100

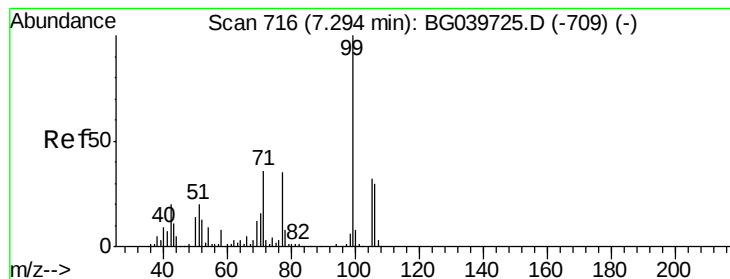
42 21.5 18.2 27.2

71 37.6 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: 0.311 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG040009.D

Acq: 19 Mar 2019 19:18

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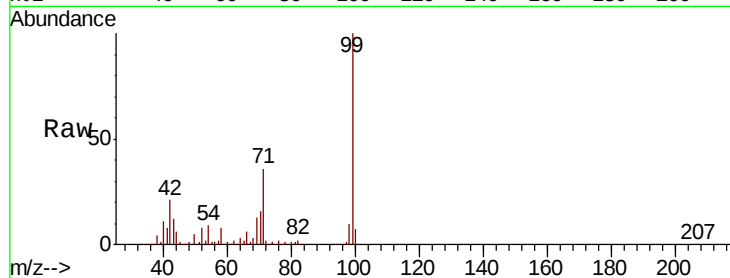
Tgt Ion: 77 Resp: 610

Ion Ratio Lower Upper

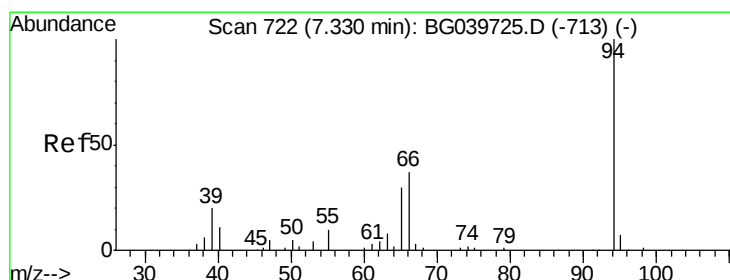
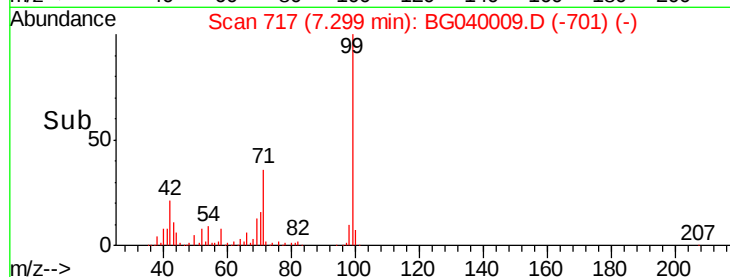
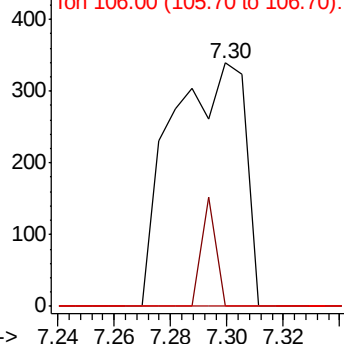
77 100

105 0.0 74.5 114.5#

106 0.0 68.0 108.0#



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



#10

Phenol

Concen: 1.807 ng

RT: 7.32 min Scan# 721

Delta R.T. -0.01 min

Lab File: BG040009.D

Acq: 19 Mar 2019 19:18

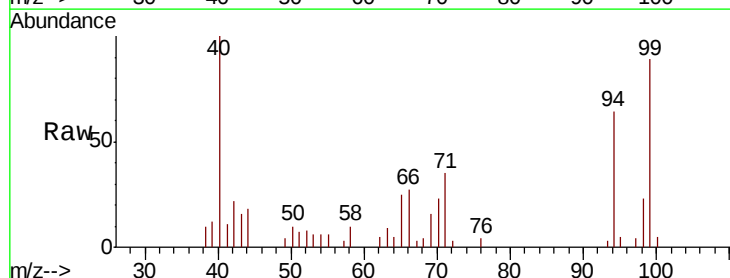
Tgt Ion: 94 Resp: 5955

Ion Ratio Lower Upper

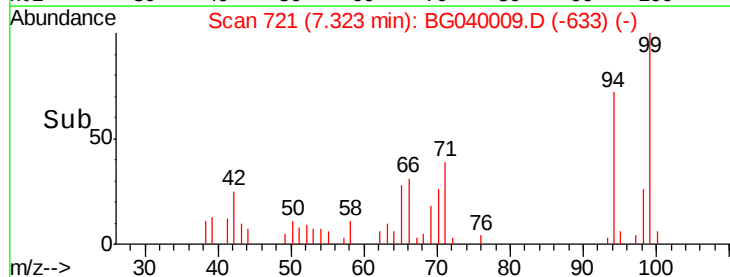
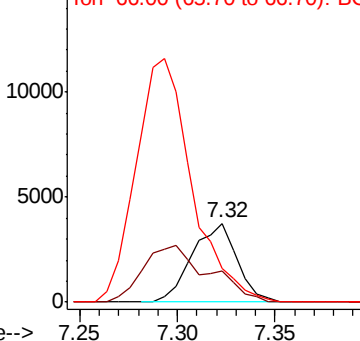
94 100

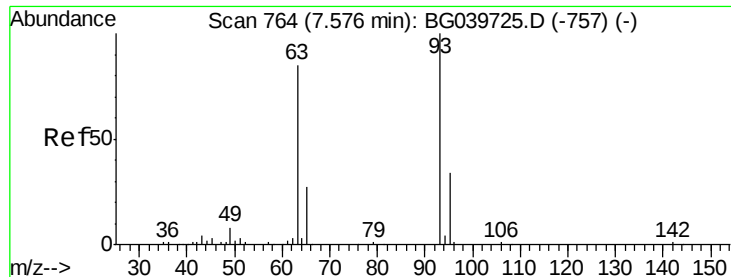
65 39.5 11.7 51.7

66 42.6 23.7 63.7



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

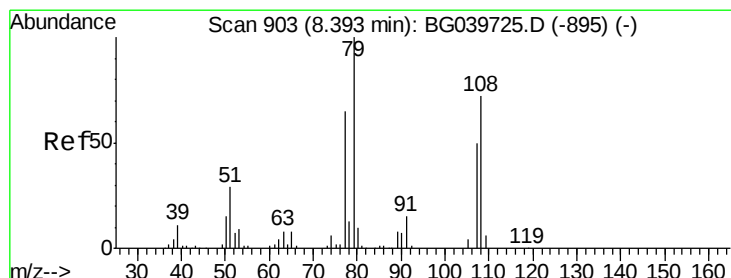
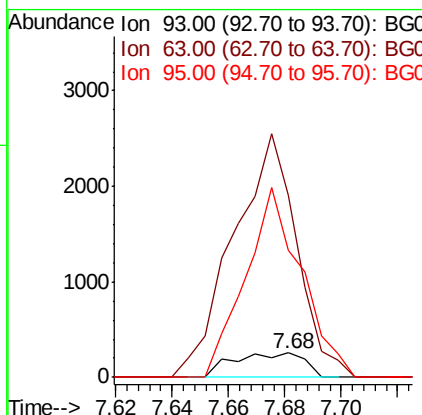
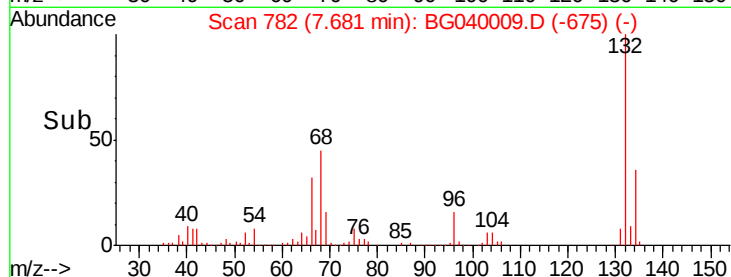
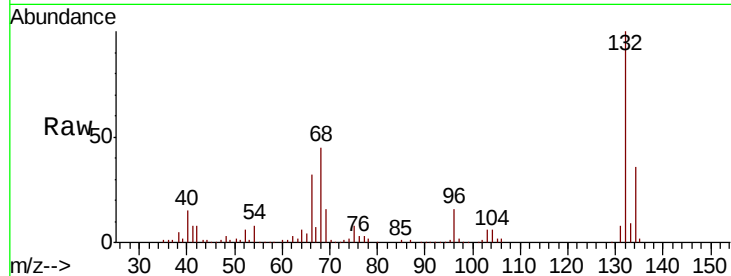




#11
bis(2-Chloroethyl)ether
Concen: 0.172 ng
RT: 7.68 min Scan# 782
Delta R.T. 0.10 min
Lab File: BG040009.D
Acq: 19 Mar 2019 19:18

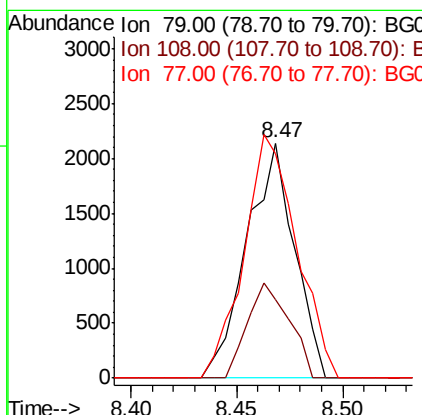
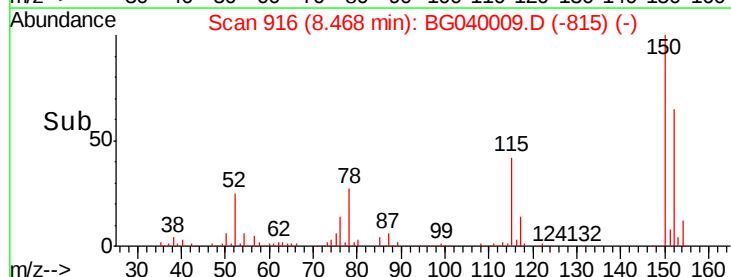
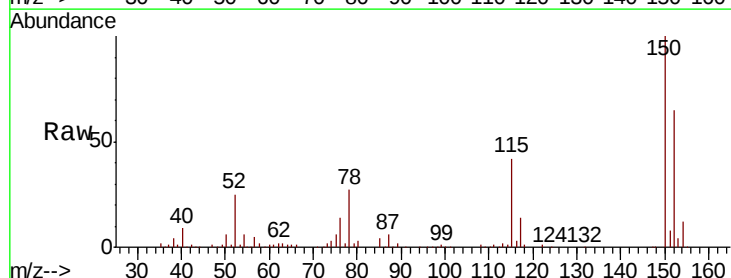
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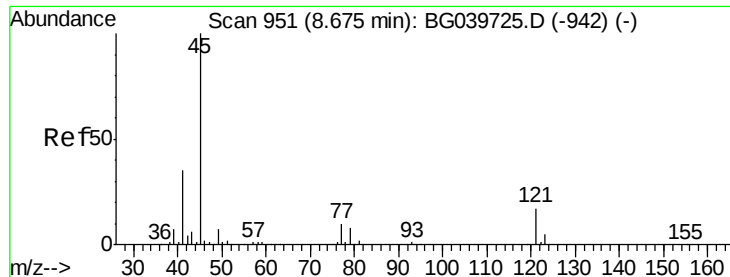
Tgt Ion: 93 Resp: 442
Ion Ratio Lower Upper
93 100
63 751.2 69.5 109.5#
95 523.2 12.7 52.7#



#15
Benzyl Alcohol
Concen: 1.392 ng
RT: 8.47 min Scan# 916
Delta R.T. 0.06 min
Lab File: BG040009.D
Acq: 19 Mar 2019 19:18

Tgt Ion: 79 Resp: 3358
Ion Ratio Lower Upper
79 100
108 33.5 57.8 86.6#
77 95.6 51.1 76.7#

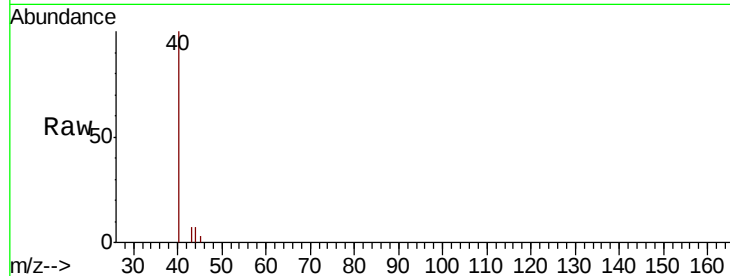




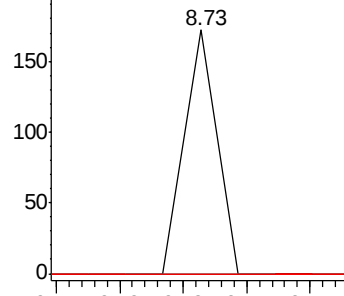
#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 0.012 ng
 RT: 8.73 min Scan# 961
 Delta R.T. 0.05 min
 Lab File: BG040009.D
 Acq: 19 Mar 2019 19:18

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

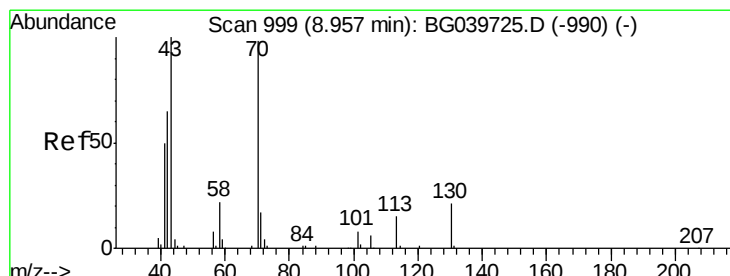
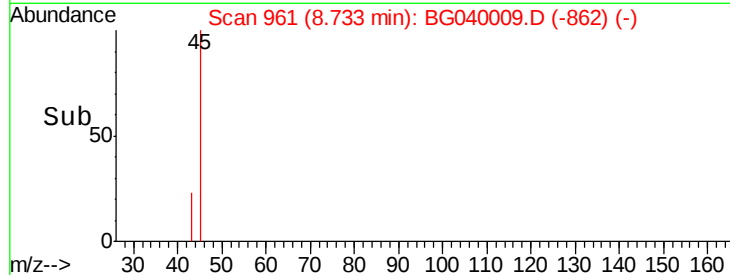
Tgt Ion: 45 Resp: 61
 Ion Ratio Lower Upper
 45 100
 77 0.0 0.0 30.0
 79 0.0 0.0 27.5



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

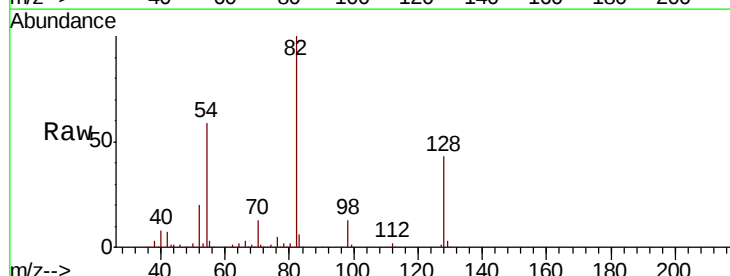


Time--> 8.71 8.72 8.73 8.74 8.75

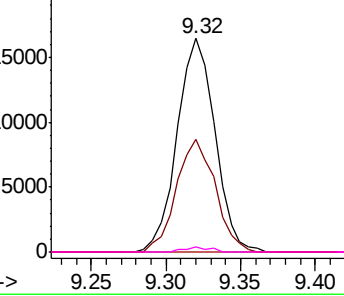


#19
 n-Nitroso-di-n-propylamine
 Concen: 13.185 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. 0.35 min
 Lab File: BG040009.D
 Acq: 19 Mar 2019 19:18

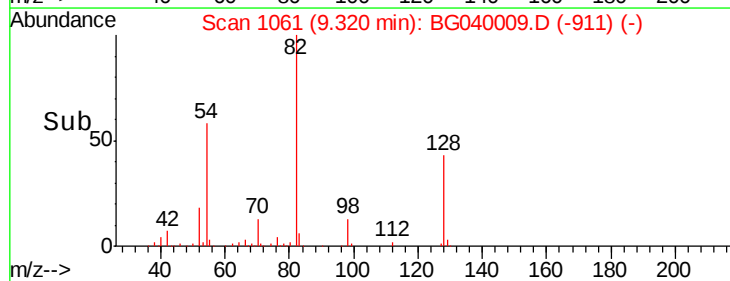
Tgt Ion: 70 Resp: 28868
 Ion Ratio Lower Upper
 70 100
 42 52.8 60.4 90.6#
 101 0.0 7.5 11.3#
 130 2.3 16.9 25.3#

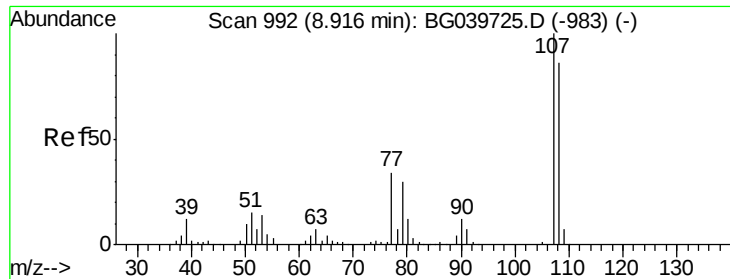


Abundance Ion 70.00 (69.70 to 70.70): BGC
 Ion 42.00 (41.70 to 42.70): BGC
 Ion 101.00 (100.70 to 101.70): BGC
 Ion 130.00 (129.70 to 130.70): BGC



Time--> 9.25 9.30 9.32 9.35 9.40

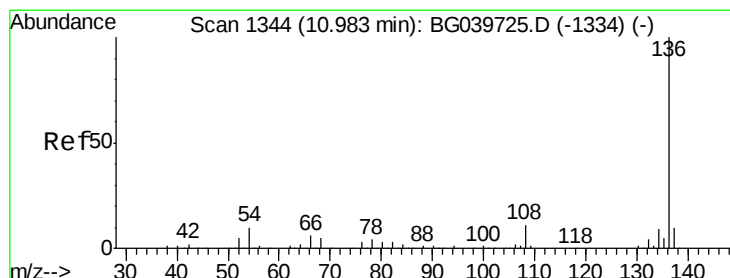
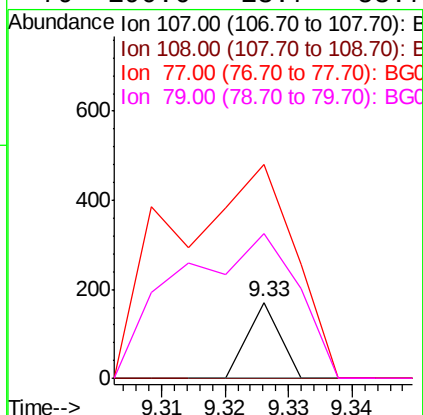
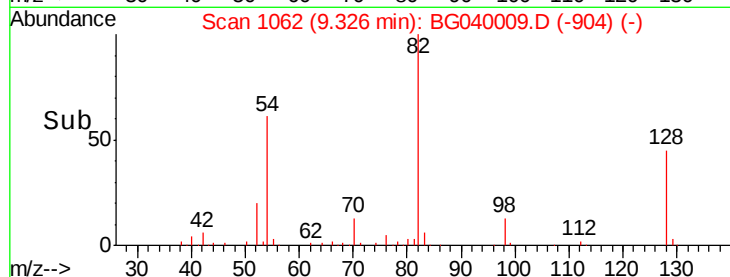
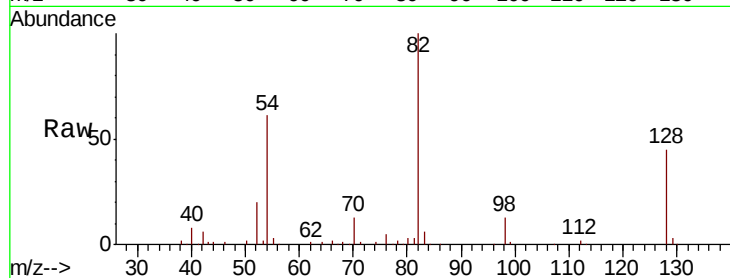




#20
3+4-Methylphenols
Concen: 0.021 ng
RT: 9.33 min Scan# 1062
Delta R.T. 0.40 min
Lab File: BG040009.D
Acq: 19 Mar 2019 19:18

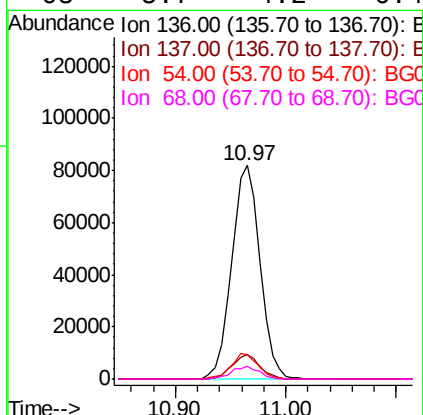
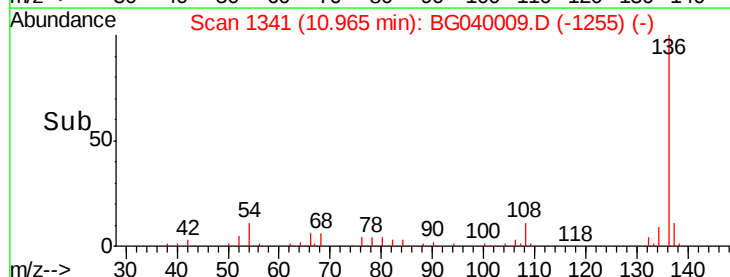
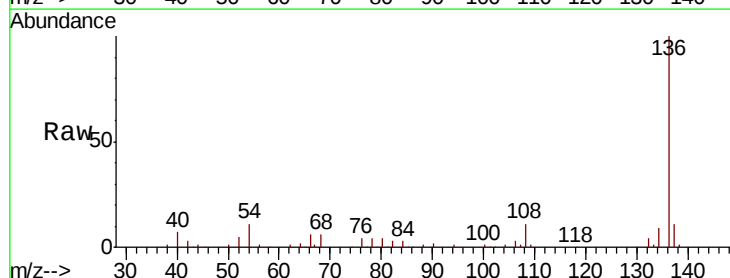
Instrument :
BNA_G
ClientSampleId :
TP-3

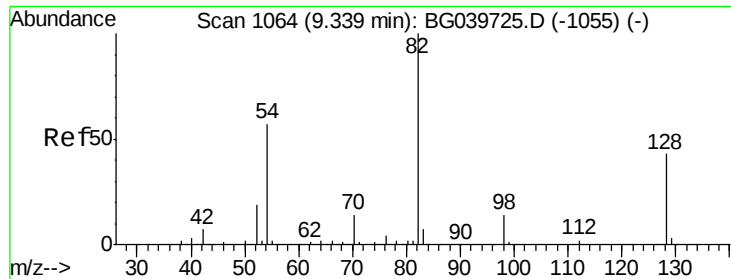
Tgt Ion:107 Resp: 60
Ion Ratio Lower Upper
107 100
108 0.0 67.9 107.9#
77 280.7 15.4 55.4#
79 190.6 13.7 53.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG040009.D
Acq: 19 Mar 2019 19:18

Tgt Ion:136 Resp: 147277
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 11.4 9.4 14.2
68 5.7 4.2 6.4

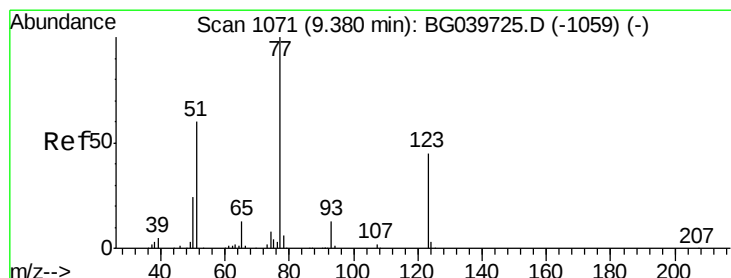
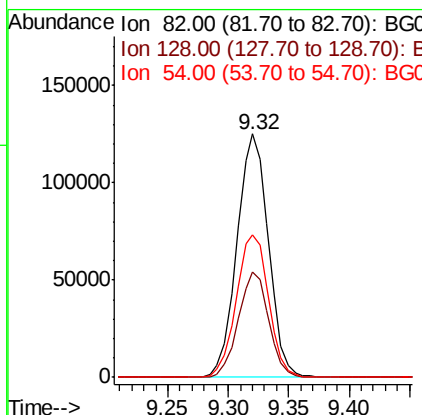
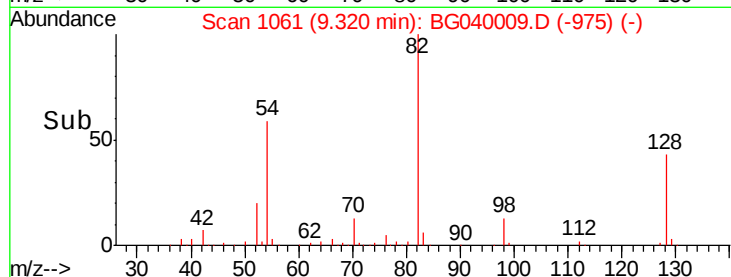
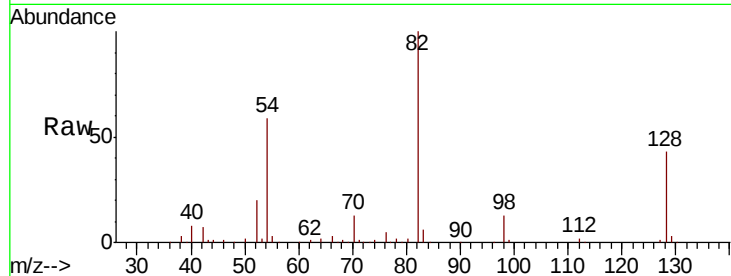




#23
Nitrobenzene-d5
Concen: 83.319 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG040009.D
Acq: 19 Mar 2019 19:18

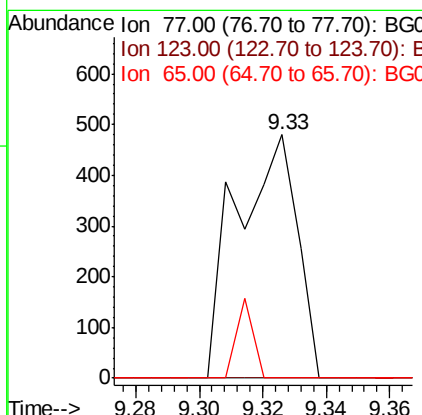
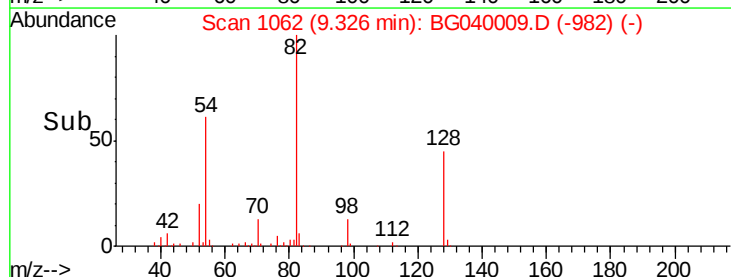
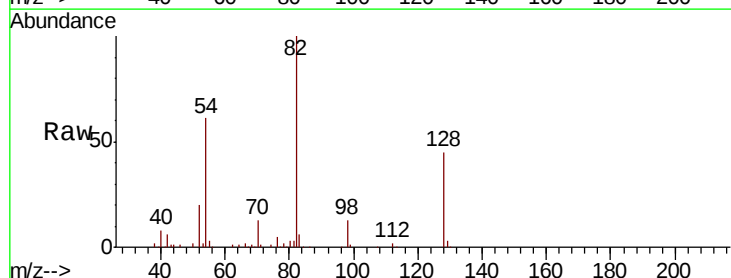
Instrument :
BNA_G
ClientSampleId :
TP-3

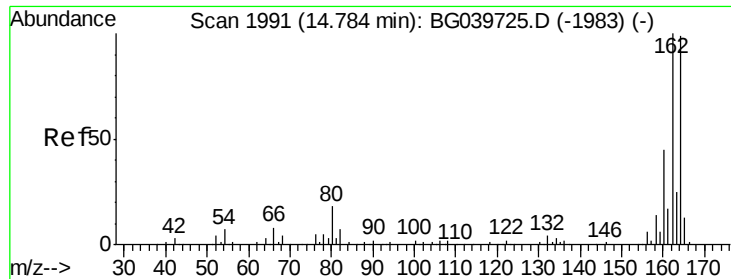
Tgt Ion: 82 Resp: 226886
Ion Ratio Lower Upper
82 100
128 43.1 31.3 46.9
54 58.5 50.9 76.3



#24
Nitrobenzene
Concen: 0.222 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.06 min
Lab File: BG040009.D
Acq: 19 Mar 2019 19:18

Tgt Ion: 77 Resp: 633
Ion Ratio Lower Upper
77 100
123 0.0 34.1 51.1#
65 0.0 12.3 18.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG040009.D

Acq: 19 Mar 2019 19:18

Instrument :

BNA_G

ClientSampleId :

TP-3

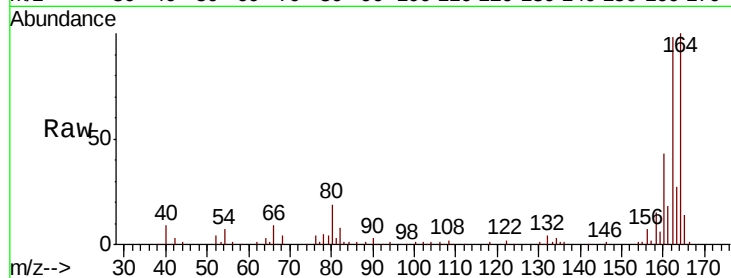
Tgt Ion:164 Resp: 96423

Ion Ratio Lower Upper

164 100

162 97.9 81.6 122.4

160 42.6 34.2 51.2

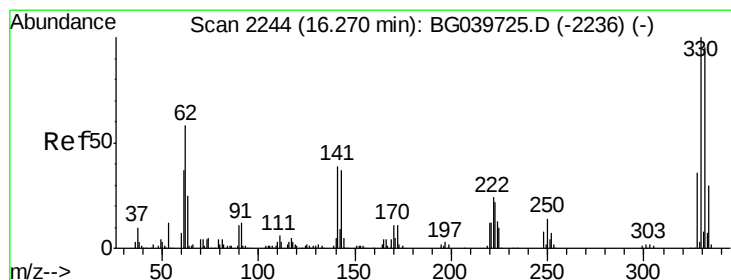
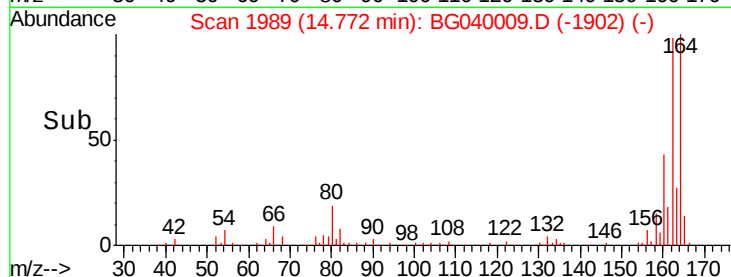
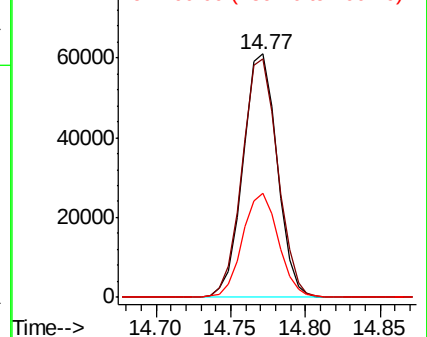


Abundance

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: 117.887 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BG040009.D

Acq: 19 Mar 2019 19:18

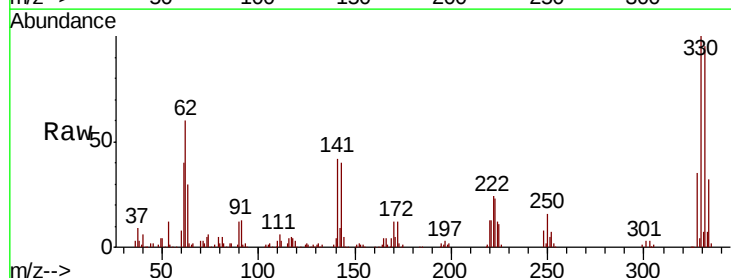
Tgt Ion:330 Resp: 132491

Ion Ratio Lower Upper

330 100

332 95.9 75.7 113.5

141 44.3 35.6 53.4

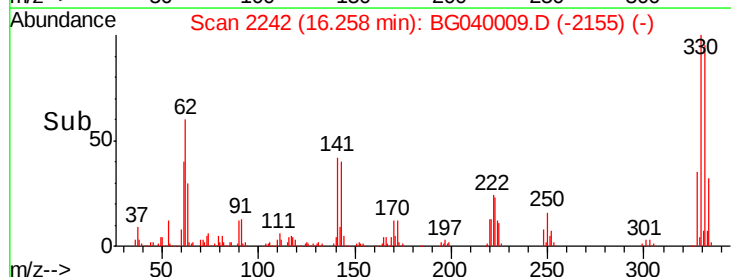
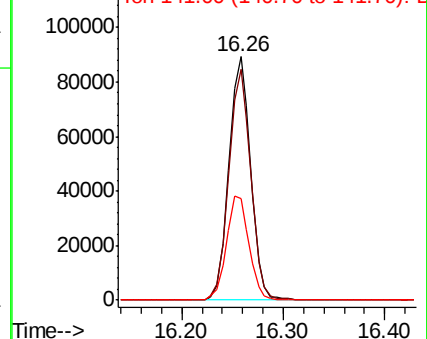


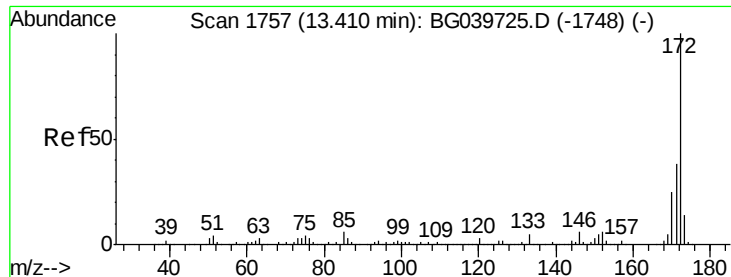
Abundance

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

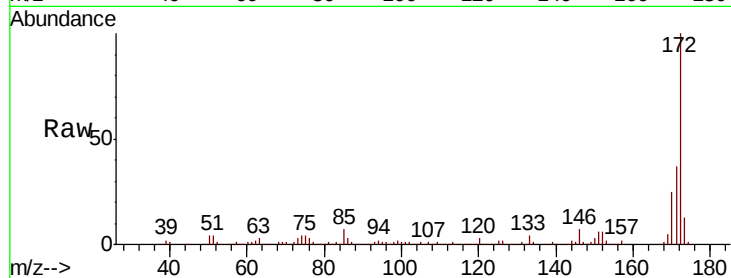




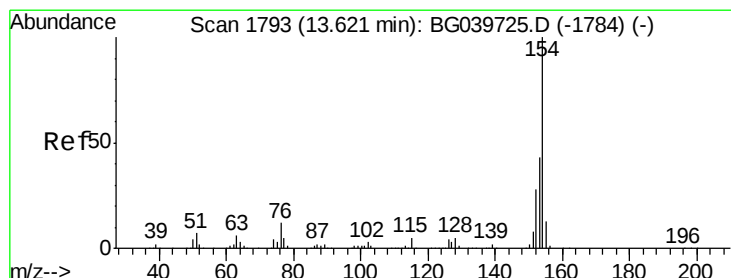
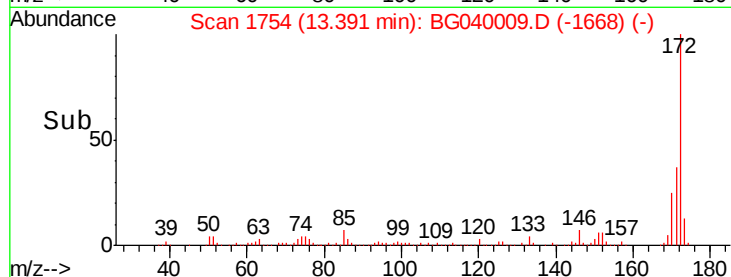
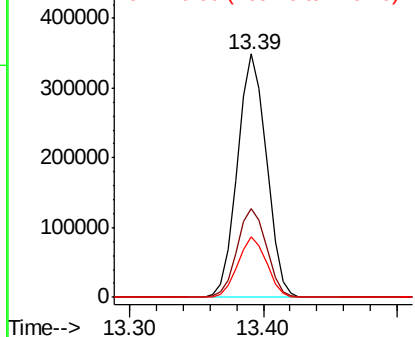
#45
 2-Fluorobiphenyl
 Concen: 77.702 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG040009.D
 Acq: 19 Mar 2019 19:18

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Tgt Ion:172 Resp: 526205
 Ion Ratio Lower Upper
 172 100
 171 36.6 30.8 46.2
 170 24.9 20.2 30.4

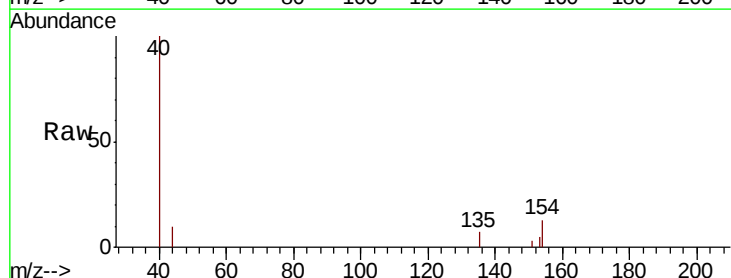


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

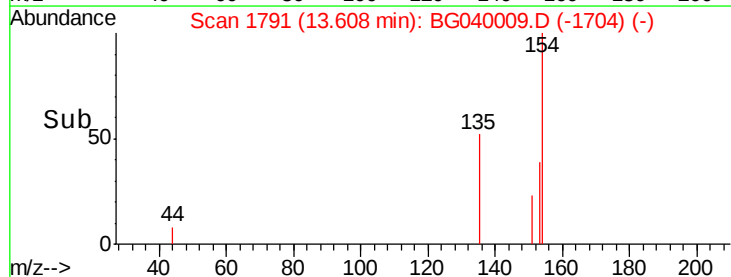
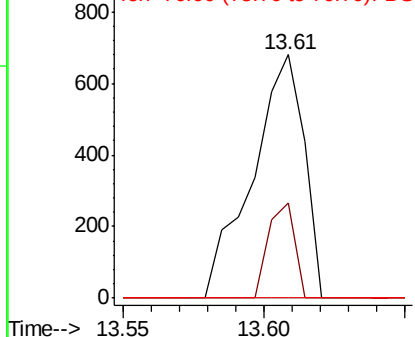


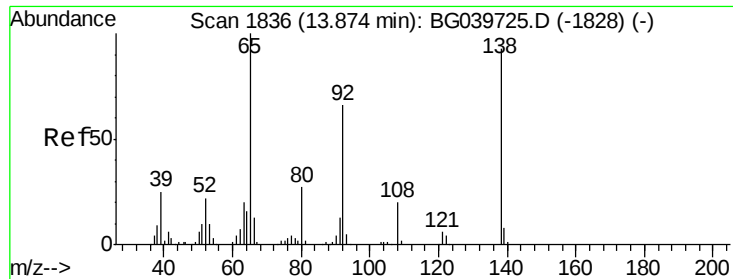
#46
 1,1'-Biphenyl
 Concen: 0.109 ng
 RT: 13.61 min Scan# 1791
 Delta R.T. -0.02 min
 Lab File: BG040009.D
 Acq: 19 Mar 2019 19:18

Tgt Ion:154 Resp: 863
 Ion Ratio Lower Upper
 154 100
 153 39.3 22.1 62.1
 76 0.0 0.0 32.4



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BG0

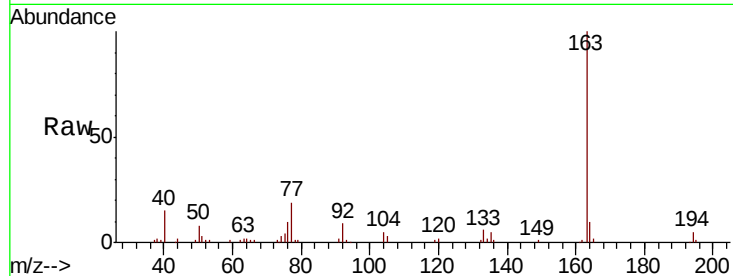




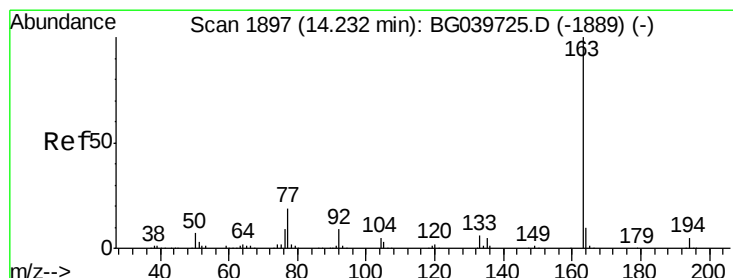
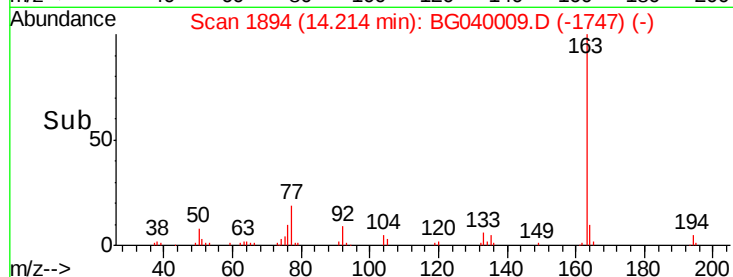
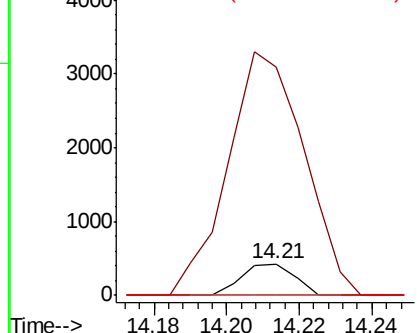
#48
2-Nitroaniline
Concen: 0.227 ng
RT: 14.21 min Scan# 1894
Delta R.T. 0.33 min
Lab File: BG040009.D
Acq: 19 Mar 2019 19:18

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion: 65 Resp: 436
Ion Ratio Lower Upper
65 100
92 730.2 51.4 77.2#
138 0.0 71.4 107.2#

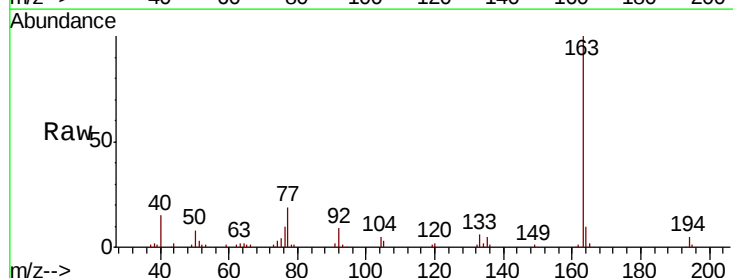


Abundance Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG
Ion 138.00 (137.70 to 138.70): E

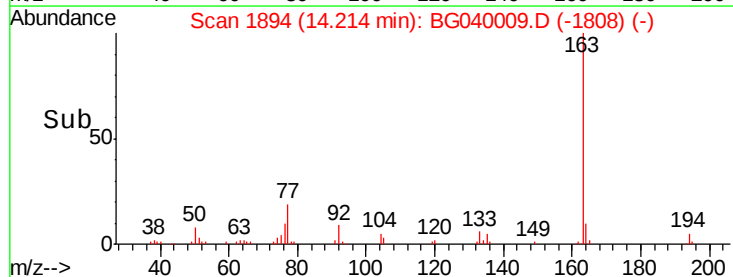
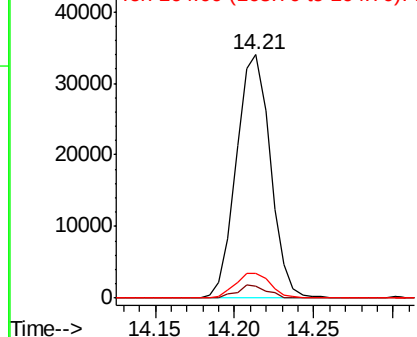


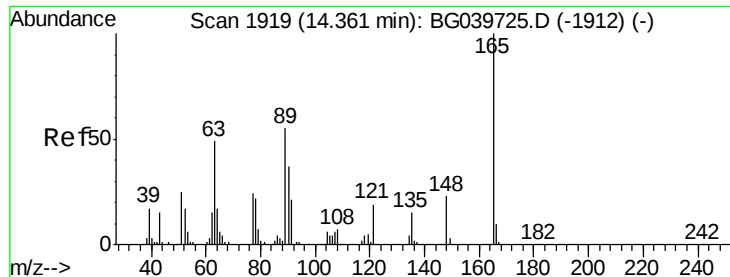
#50
Dimethylphthalate
Concen: 6.296 ng
RT: 14.21 min Scan# 1894
Delta R.T. -0.02 min
Lab File: BG040009.D
Acq: 19 Mar 2019 19:18

Tgt Ion:163 Resp: 50767
Ion Ratio Lower Upper
163 100
194 4.9 3.6 5.4
164 9.9 8.4 12.6



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

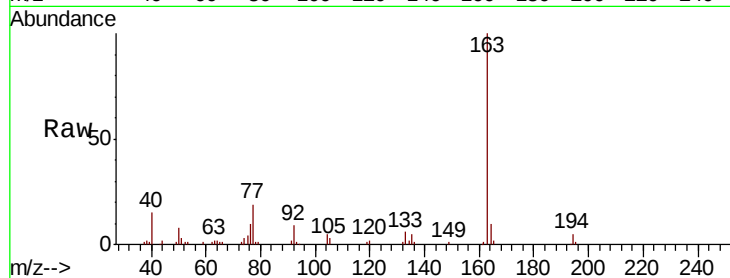




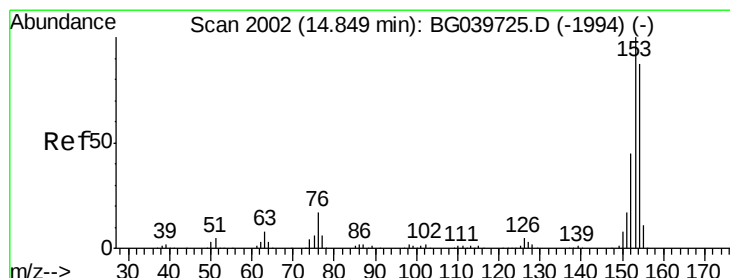
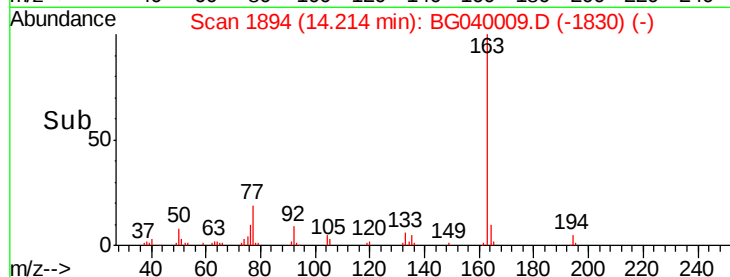
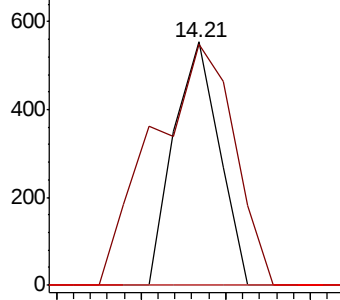
#51
 2,6-Dinitrotoluene
 Concen: 0.242 ng
 RT: 14.21 min Scan# 1894
 Delta R.T. -0.15 min
 Lab File: BG040009.D
 Acq: 19 Mar 2019 19:18

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Tgt Ion:165 Resp: 413
 Ion Ratio Lower Upper
 165 100
 63 99.3 47.0 70.6#
 89 0.0 45.8 68.8#

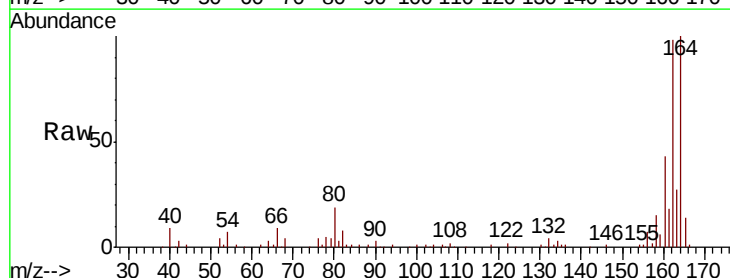


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGO
 Ion 89.00 (88.70 to 89.70): BGO

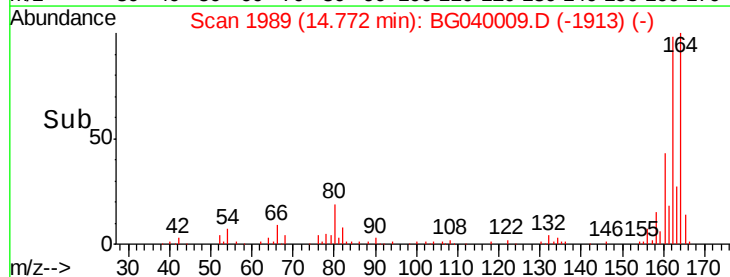
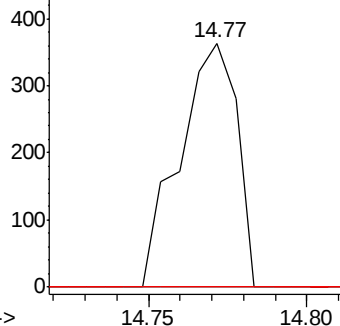


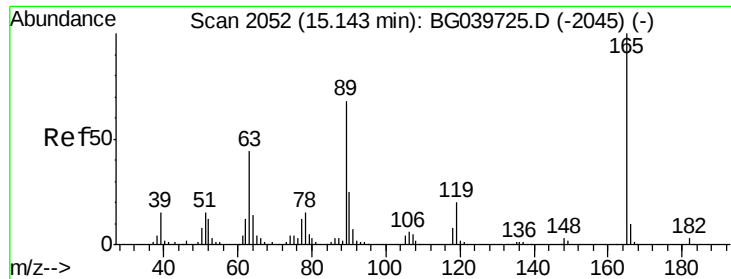
#52
 Acenaphthene
 Concen: 0.077 ng
 RT: 14.77 min Scan# 1989
 Delta R.T. -0.08 min
 Lab File: BG040009.D
 Acq: 19 Mar 2019 19:18

Tgt Ion:154 Resp: 456
 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: 5.176 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.38 min

Lab File: BG040009.D

Acq: 19 Mar 2019 19:18

Instrument :

BNA_G

ClientSampleId :

TP-3

Tgt Ion:165 Resp: 12432

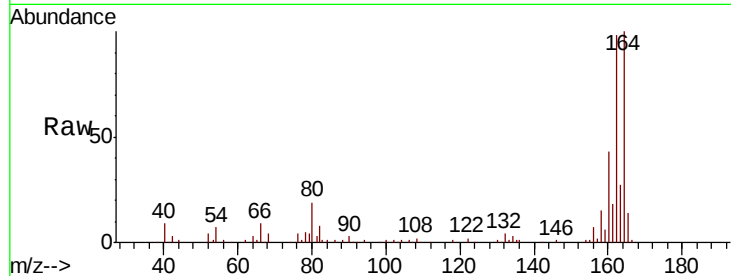
Ion Ratio Lower Upper

165 100

63 0.0 41.0 61.6#

89 0.0 64.6 96.8#

182 0.0 2.0 3.0#

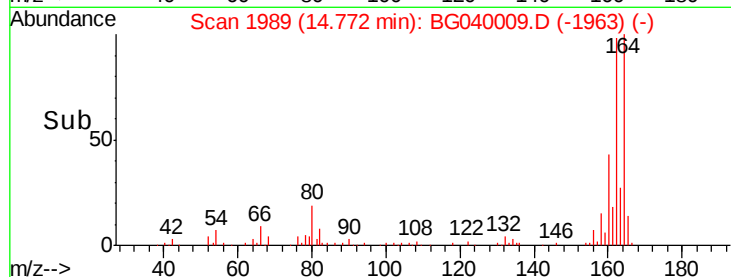


Abundance Ion 165.00 (164.70 to 165.70): E

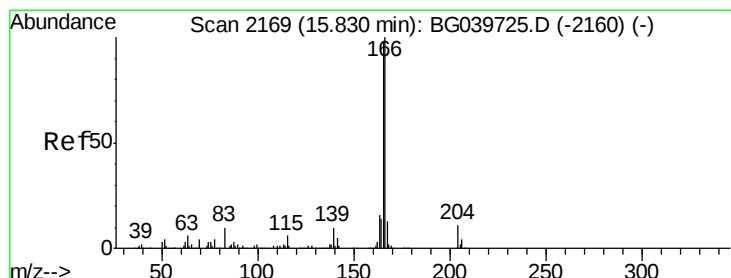
Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



Time--> 14.70 14.75 14.80



#58

Fluorene

Concen: 0.702 ng

RT: 16.25 min Scan# 2241

Delta R.T. 0.42 min

Lab File: BG040009.D

Acq: 19 Mar 2019 19:18

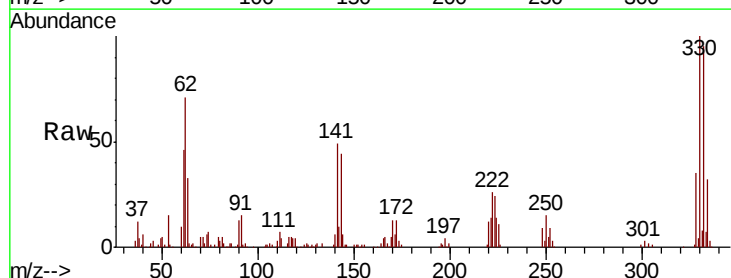
Tgt Ion:166 Resp: 5334

Ion Ratio Lower Upper

166 100

165 86.6 77.9 116.9

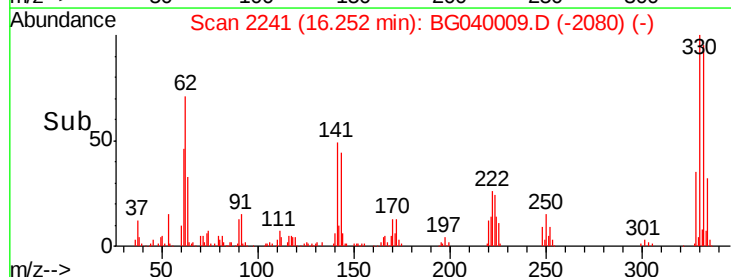
167 42.8 10.8 16.2#



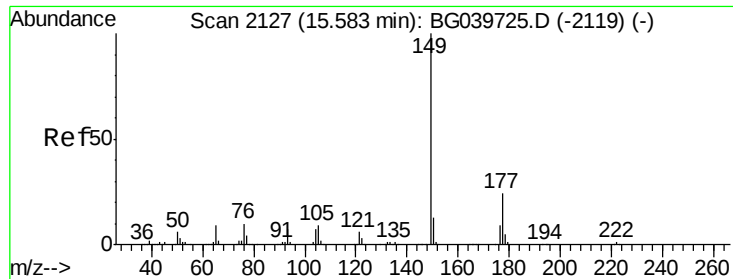
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



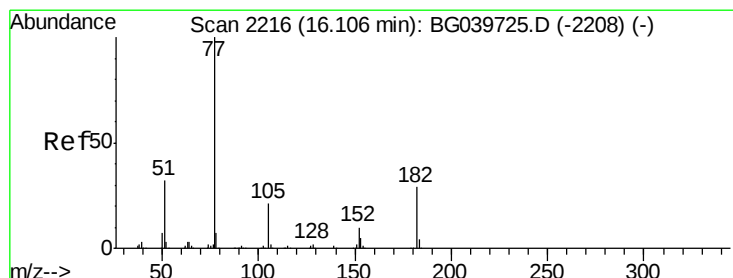
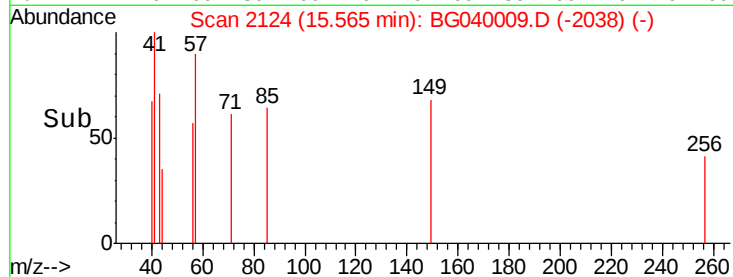
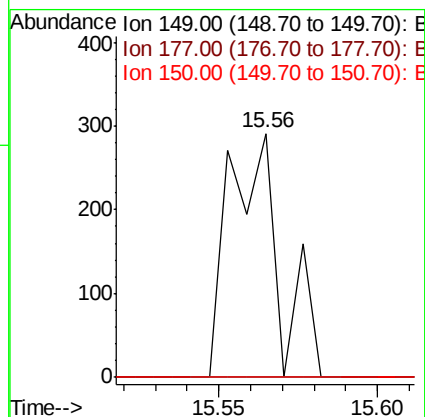
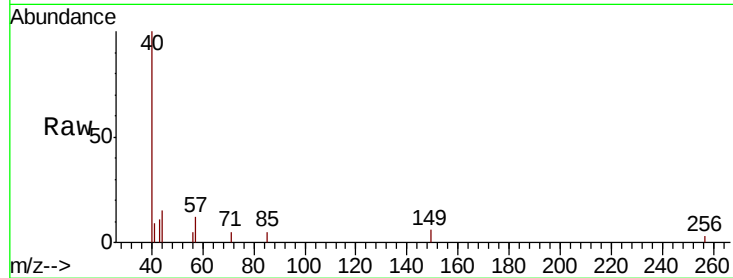
Time--> 16.20 16.25 16.30



#60
Diethylphthalate
Concen: 0.040 ng
RT: 15.56 min Scan# 2124
Delta R.T. -0.02 min
Lab File: BG040009.D
Acq: 19 Mar 2019 19:18

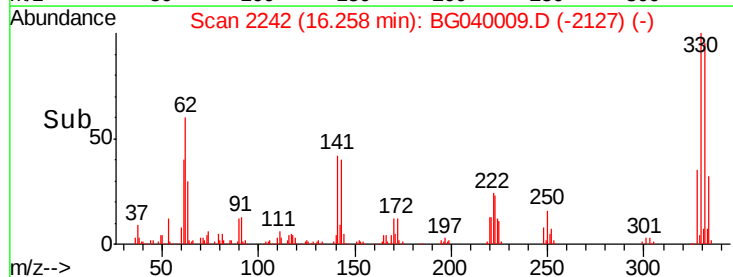
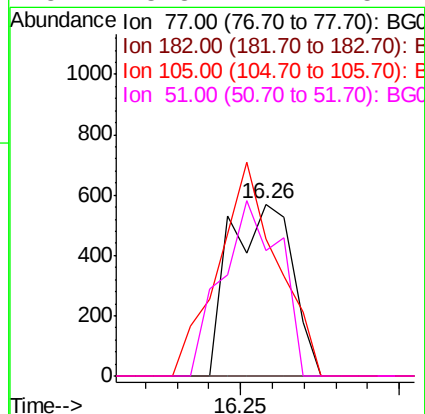
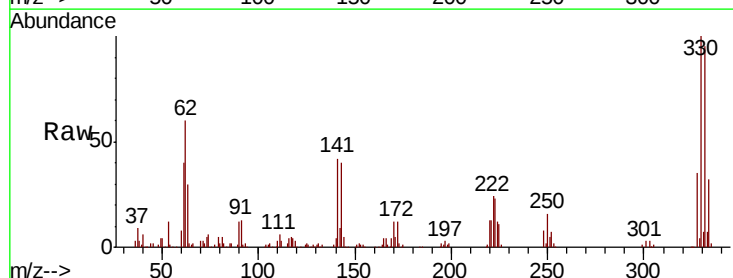
Instrument :
BNA_G
ClientSampleId :
TP-3

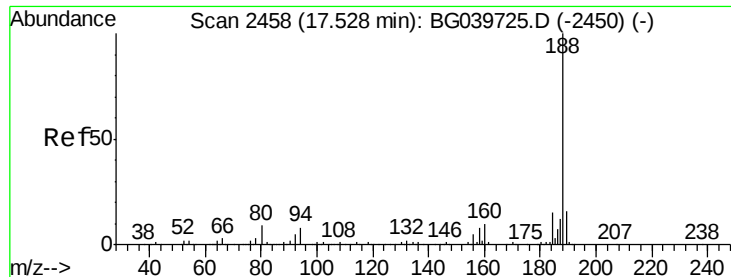
Tgt Ion: 149 Resp: 323
Ion Ratio Lower Upper
149 100
177 0.0 18.3 27.5#
150 0.0 10.2 15.2#



#63
Azobenzene
Concen: 0.108 ng
RT: 16.26 min Scan# 2242
Delta R.T. 0.15 min
Lab File: BG040009.D
Acq: 19 Mar 2019 19:18

Tgt Ion: 77 Resp: 779
Ion Ratio Lower Upper
77 100
182 0.0 6.4 46.4#
105 80.1 0.0 39.8#
51 73.3 14.1 54.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.51 min Scan# 2456

Delta R.T. -0.02 min

Lab File: BG040009.D

Acq: 19 Mar 2019 19:18

Instrument :

BNA_G

ClientSampleId :

TP-3

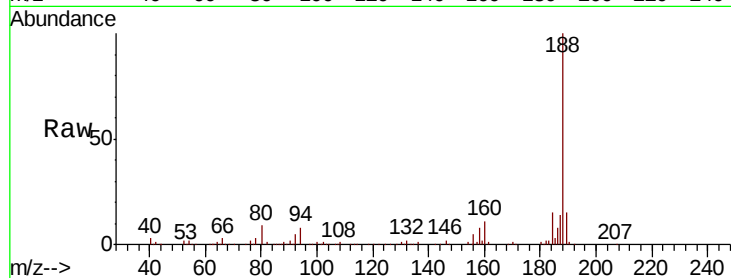
Tgt Ion:188 Resp: 229915

Ion Ratio Lower Upper

188 100

94 7.8 6.9 10.3

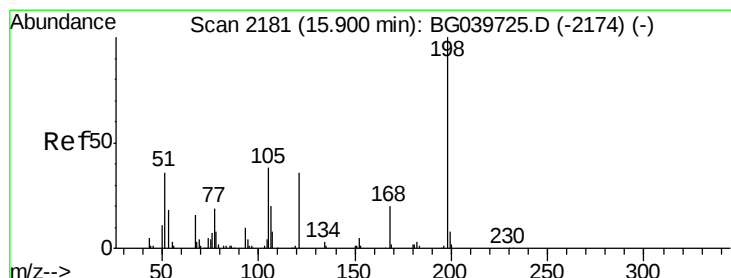
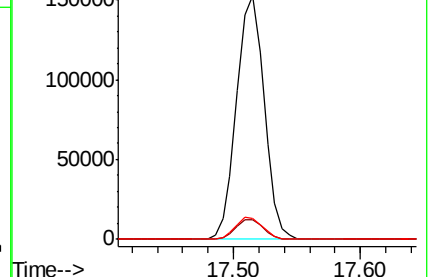
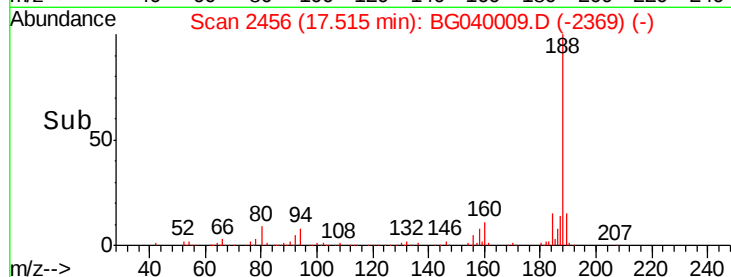
80 8.6 8.1 12.1



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: 0.371 ng

RT: 16.26 min Scan# 2242

Delta R.T. 0.35 min

Lab File: BG040009.D

Acq: 19 Mar 2019 19:18

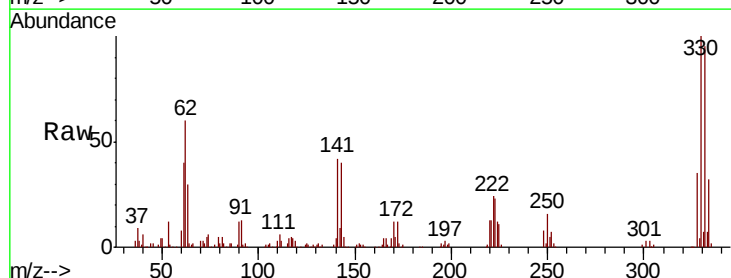
Tgt Ion:198 Resp: 504

Ion Ratio Lower Upper

198 100

51 86.3 27.4 67.4#

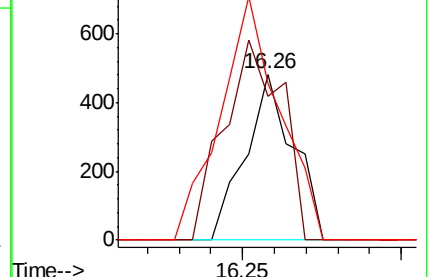
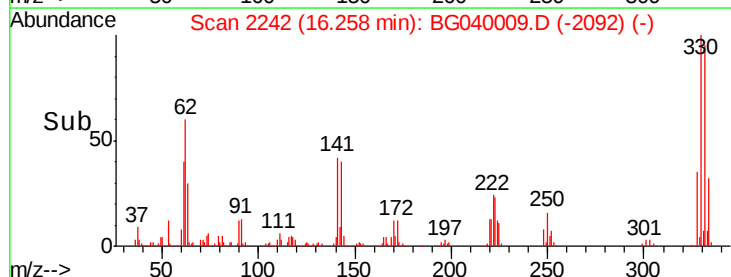
105 94.4 19.7 59.7#

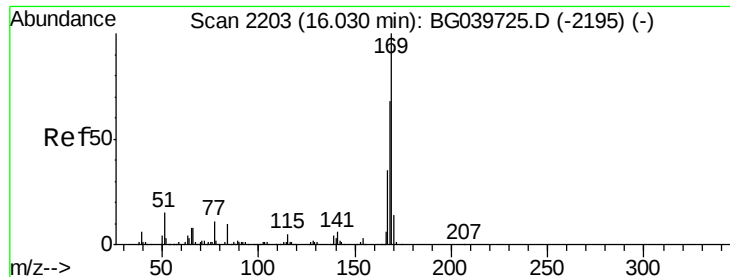


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E

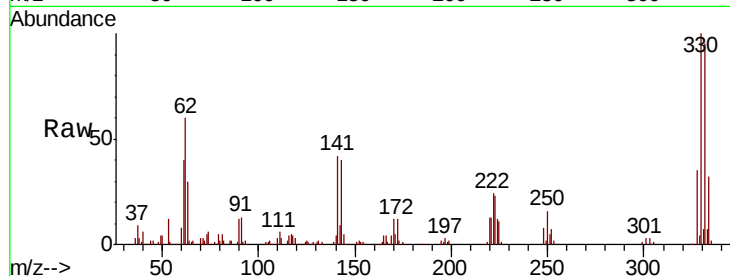




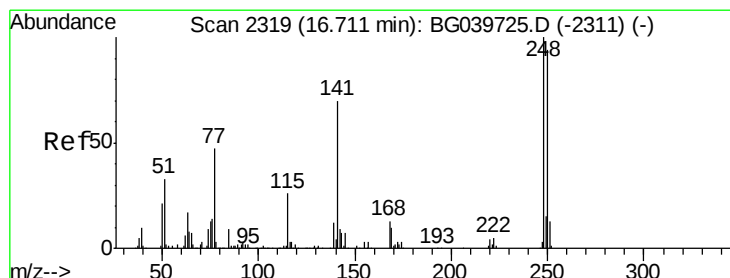
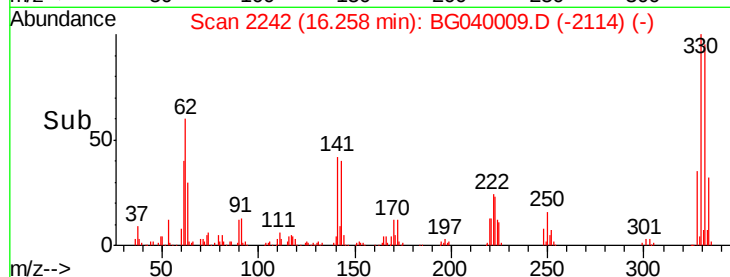
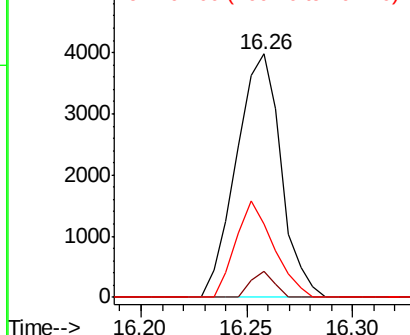
#66
 n-Nitrosodiphenylamine
 Concen: 0.877 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. 0.22 min
 Lab File: BG040009.D
 Acq: 19 Mar 2019 19:18

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Tgt Ion:169 Resp: 5839
 Ion Ratio Lower Upper
 169 100
 168 10.8 56.6 85.0#
 167 30.1 28.8 43.2

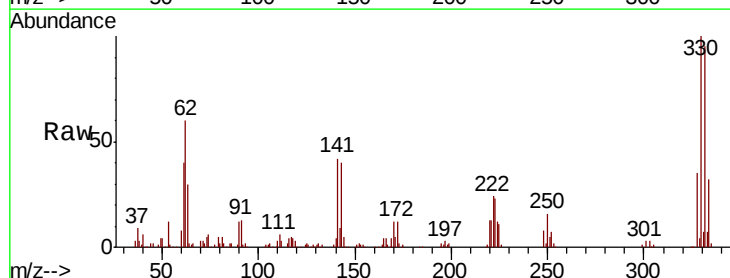


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

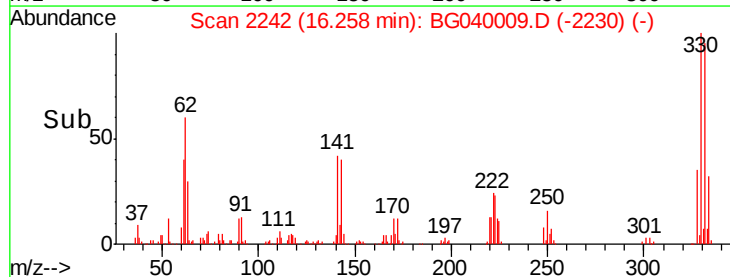
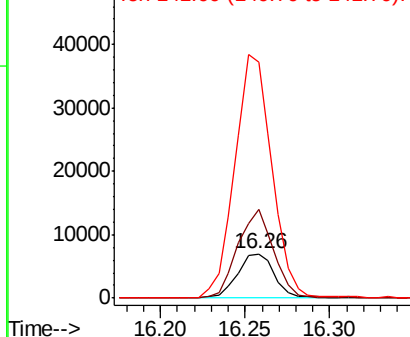


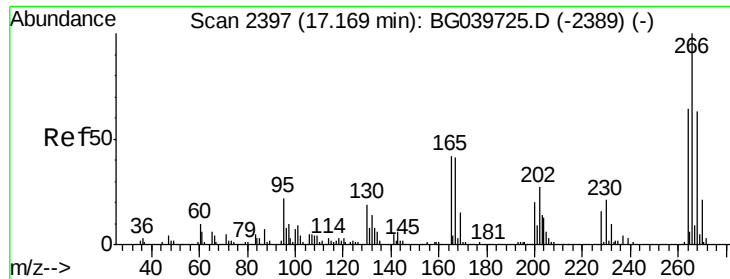
#67
 4-Bromophenyl-phenylether
 Concen: 4.121 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. -0.46 min
 Lab File: BG040009.D
 Acq: 19 Mar 2019 19:18

Tgt Ion:248 Resp: 10605
 Ion Ratio Lower Upper
 248 100
 250 203.1 77.6 116.4#
 141 538.4 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

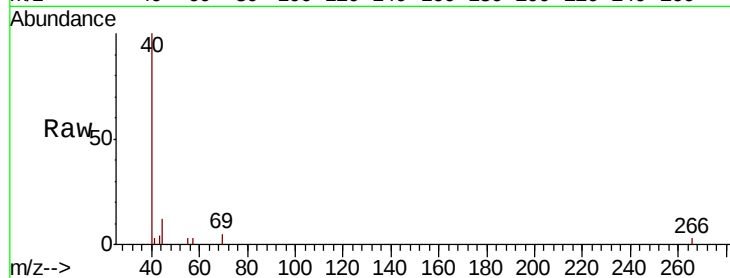




#70
 Pentachlorophenol
 Concen: 0.036 ng
 RT: 17.17 min Scan# 2398
 Delta R.T. 0.00 min
 Lab File: BG040009.D
 Acq: 19 Mar 2019 19:18

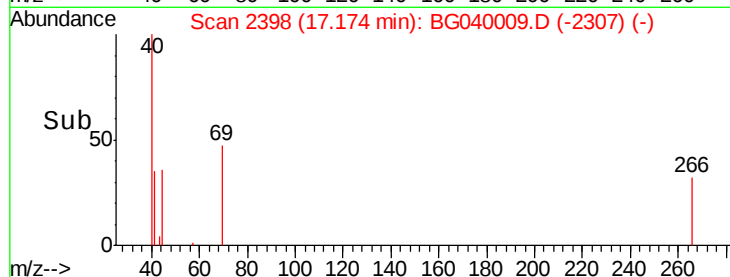
Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Tgt Ion: 266 Resp: 60
 Ion Ratio Lower Upper
 266 100
 268 0.0 51.1 76.7#
 264 0.0 52.1 78.1#

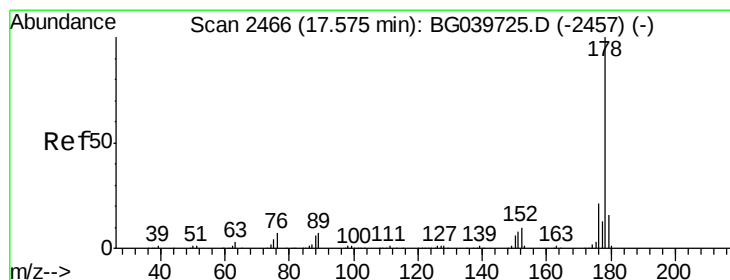


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

17.17

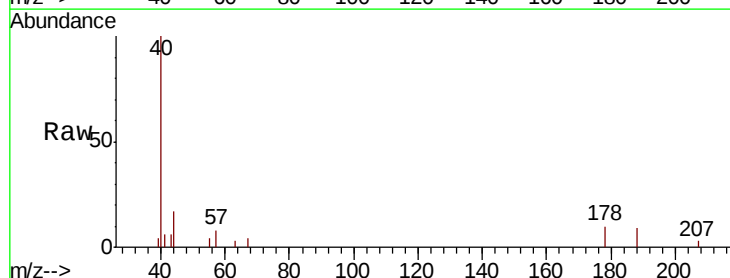


Time-->



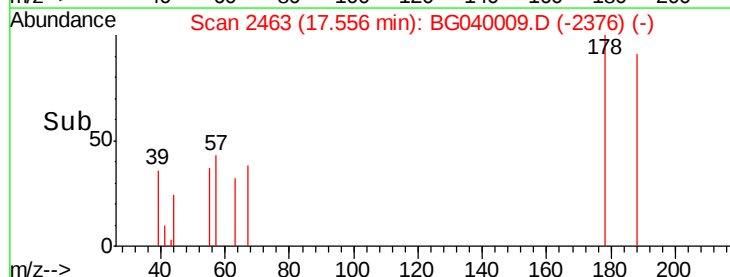
#71
 Phenanthrene
 Concen: 0.029 ng
 RT: 17.56 min Scan# 2463
 Delta R.T. -0.02 min
 Lab File: BG040009.D
 Acq: 19 Mar 2019 19:18

Tgt Ion: 178 Resp: 368
 Ion Ratio Lower Upper
 178 100
 176 0.0 16.2 24.4#
 179 0.0 12.6 19.0#

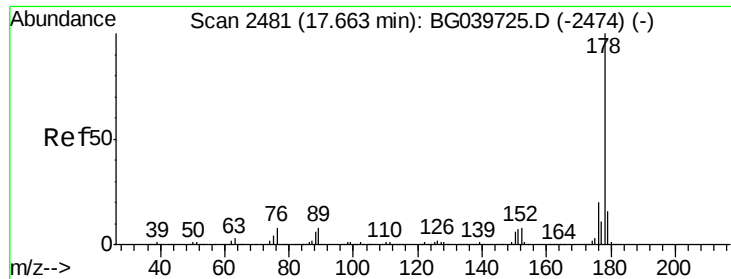


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

17.56



Time-->



#72

Anthracene

Concen: 0.030 ng

RT: 17.56 min Scan# 2463

Delta R.T. -0.11 min

Lab File: BG040009.D

Acq: 19 Mar 2019 19:18

Instrument :

BNA_G

ClientSampleId :

TP-3

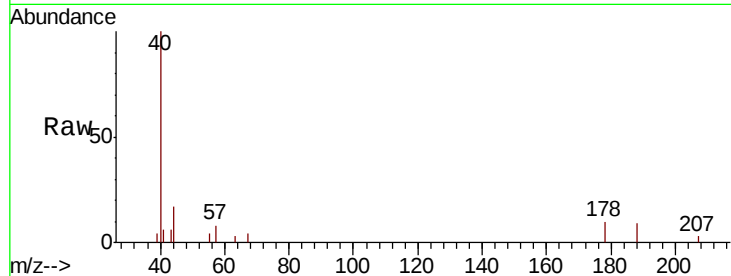
Tgt Ion:178 Resp: 368

Ion Ratio Lower Upper

178 100

176 0.0 15.8 23.6#

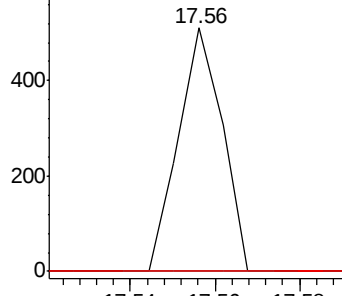
179 0.0 12.5 18.7#



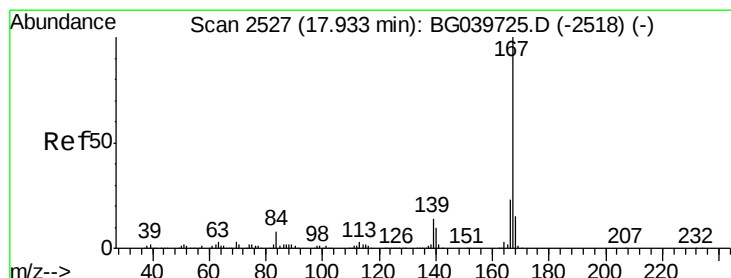
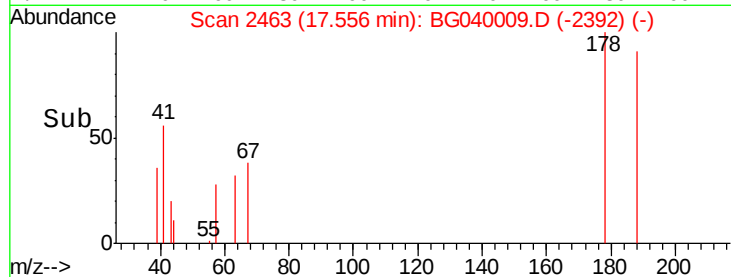
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#73

Carbazole

Concen: 0.005 ng

RT: 17.94 min Scan# 2529

Delta R.T. 0.00 min

Lab File: BG040009.D

Acq: 19 Mar 2019 19:18

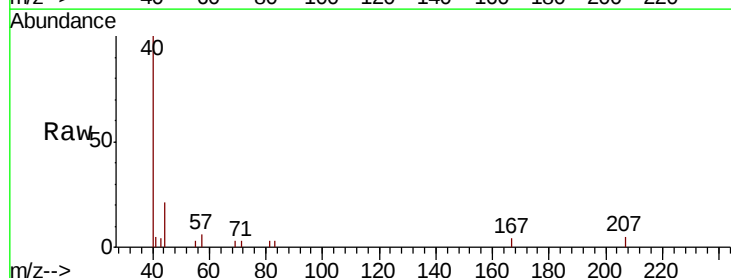
Tgt Ion:167 Resp: 61

Ion Ratio Lower Upper

167 100

166 0.0 19.4 29.2#

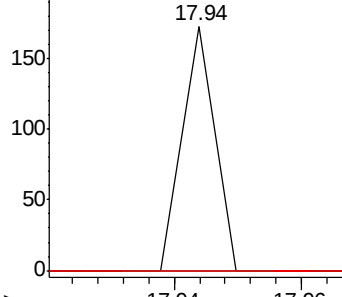
139 0.0 10.8 16.2#



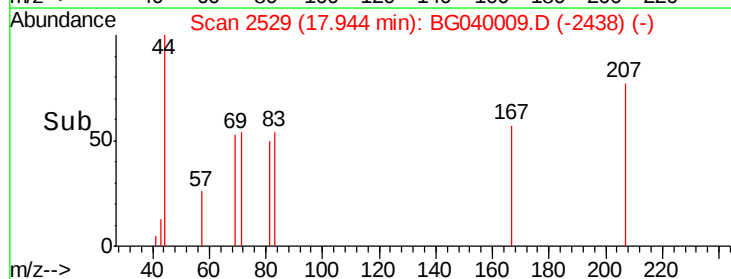
Abundance Ion 167.00 (166.70 to 167.70): E

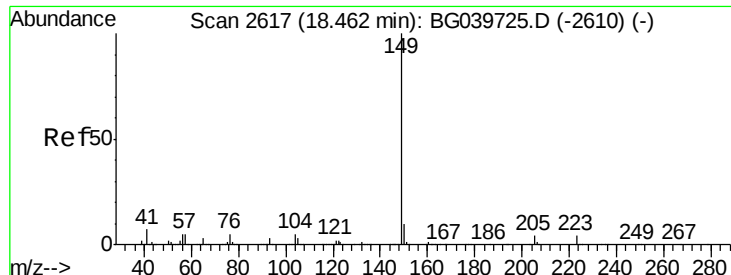
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->

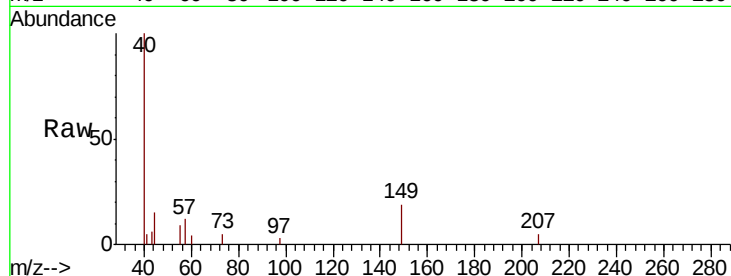




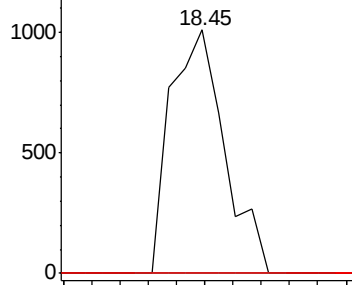
#74
Di-n-butylphthalate
Concen: 0.102 ng
RT: 18.45 min Scan# 2615
Delta R.T. -0.02 min
Lab File: BG040009.D
Acq: 19 Mar 2019 19:18

Instrument :
BNA_G
ClientSampled :
TP-3

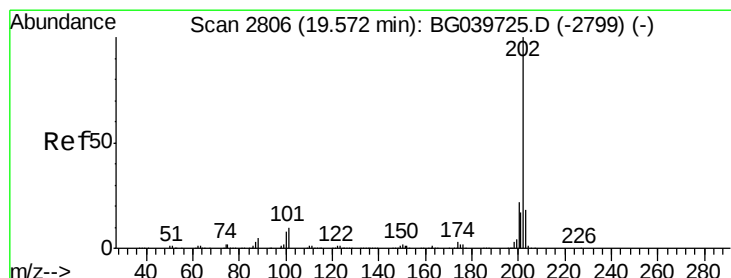
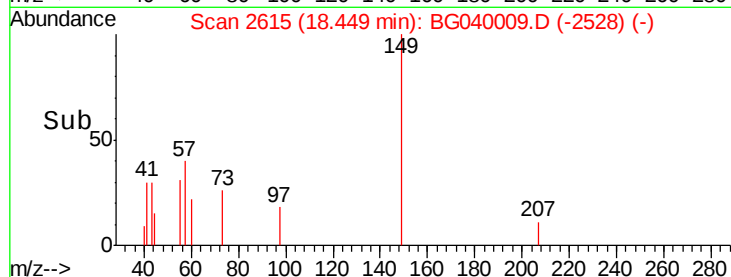
Tgt Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.7	11.5#
104	0.0	4.5	6.7#



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

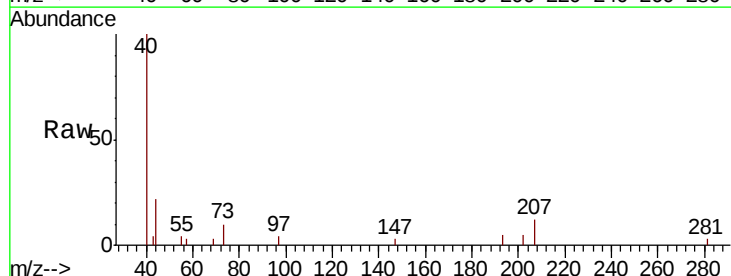


Time--> 18.40 18.45

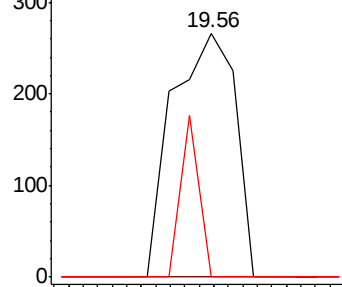


#75
Fluoranthene
Concen: 0.021 ng
RT: 19.56 min Scan# 2804
Delta R.T. -0.02 min
Lab File: BG040009.D
Acq: 19 Mar 2019 19:18

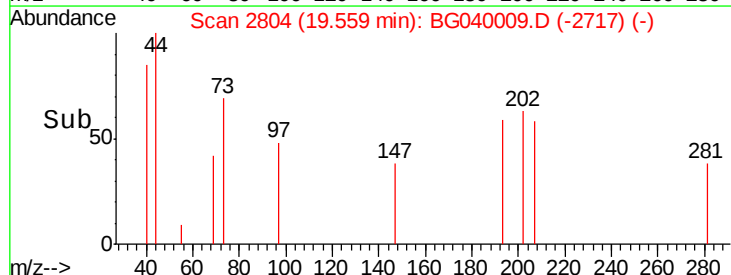
Tgt Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	30.0
203	0.0	0.0	38.9

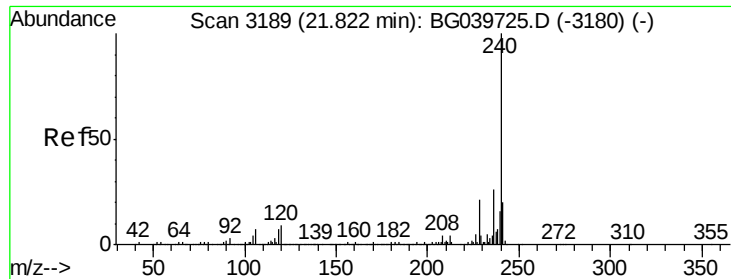


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time--> 19.52 19.54 19.56 19.58

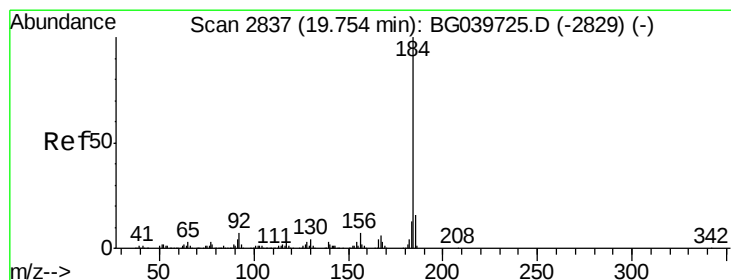
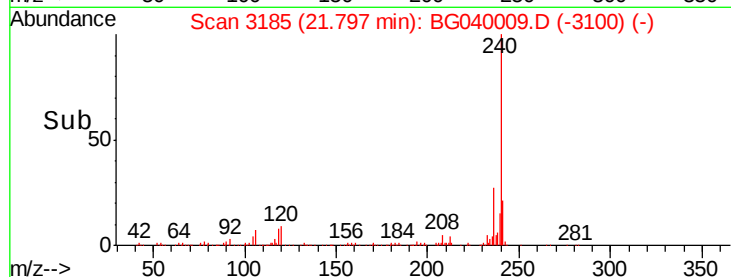
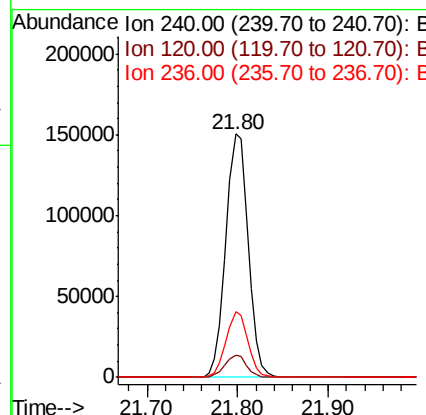
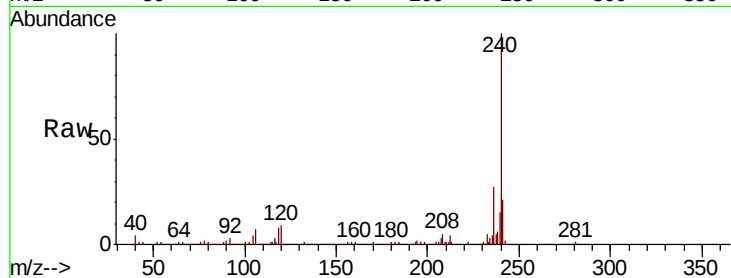




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.03 min
Lab File: BG040009.D
Acq: 19 Mar 2019 19:18

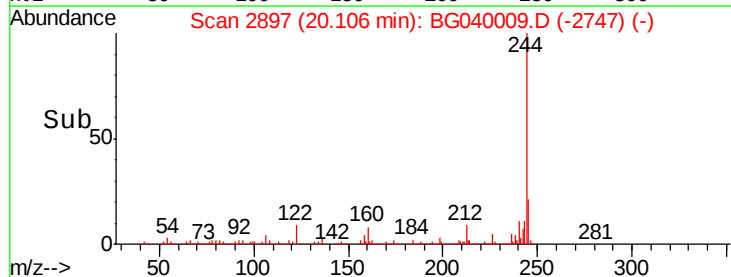
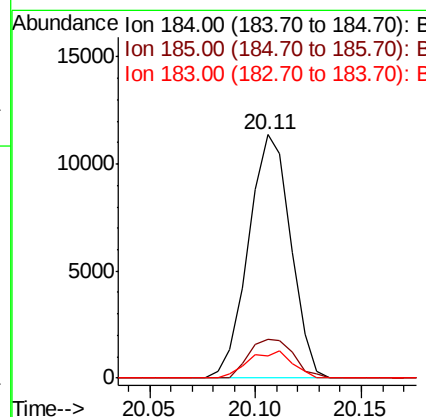
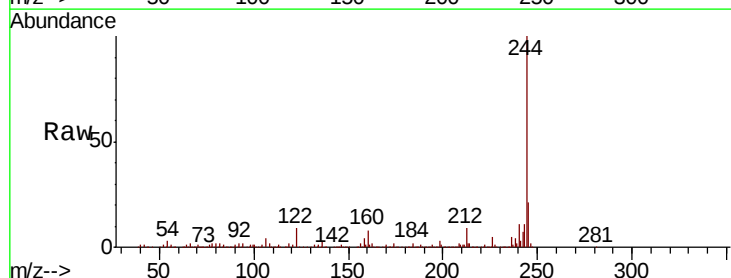
Instrument :
BNA_G
ClientSampleId :
TP-3

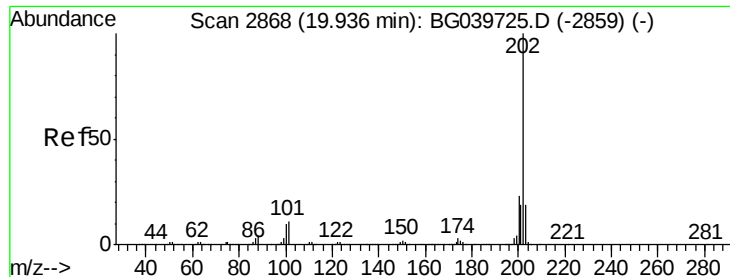
Tgt Ion:240 Resp: 258139
Ion Ratio Lower Upper
240 100
120 9.3 7.0 10.6
236 27.1 21.0 31.4



#77
Benzidine
Concen: 1.928 ng
RT: 20.11 min Scan# 2897
Delta R.T. 0.35 min
Lab File: BG040009.D
Acq: 19 Mar 2019 19:18

Tgt Ion:184 Resp: 15791
Ion Ratio Lower Upper
184 100
185 15.8 12.2 18.2
183 9.3 10.6 15.8#





#78

Pyrene

Concen: 0.022 ng

RT: 19.92 min Scan# 2866

Delta R.T. -0.02 min

Lab File: BG040009.D

Acq: 19 Mar 2019 19:18

Instrument :

BNA_G

ClientSampled :

TP-3

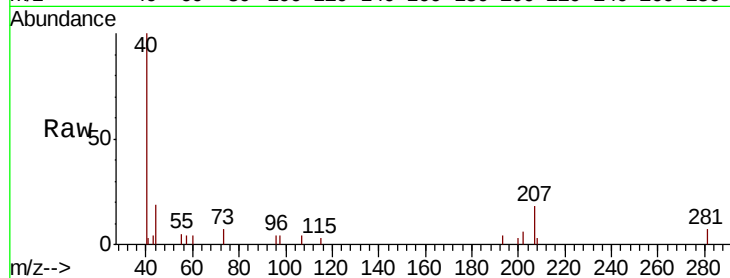
Tgt Ion:202 Resp: 375

Ion Ratio Lower Upper

202 100

200 56.9 17.8 26.8#

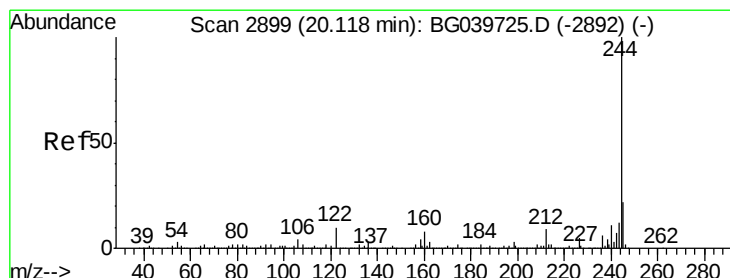
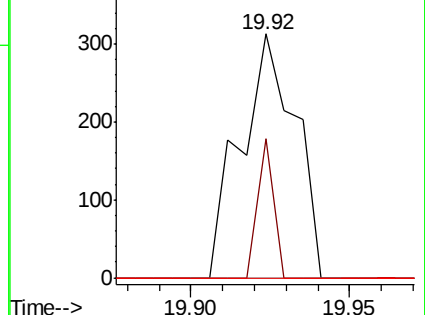
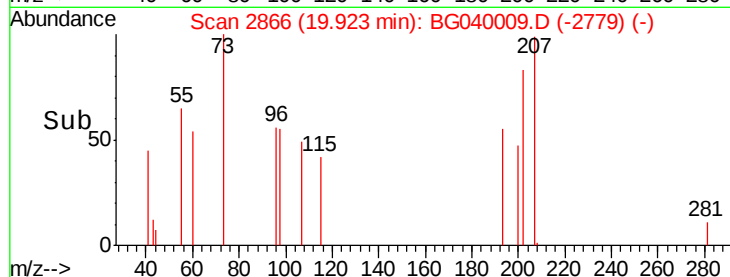
203 0.0 15.3 22.9#



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: 73.856 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040009.D

Acq: 19 Mar 2019 19:18

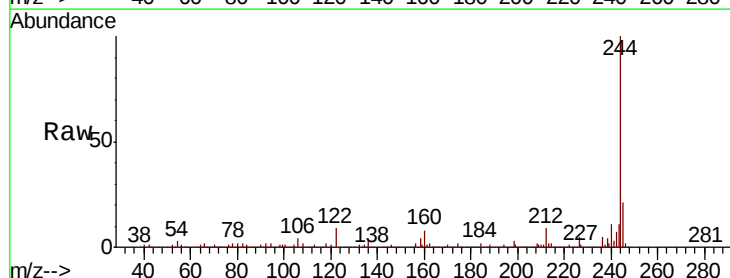
Tgt Ion:244 Resp: 865886

Ion Ratio Lower Upper

244 100

212 8.8 7.3 10.9

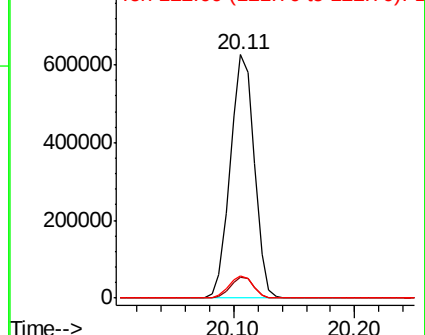
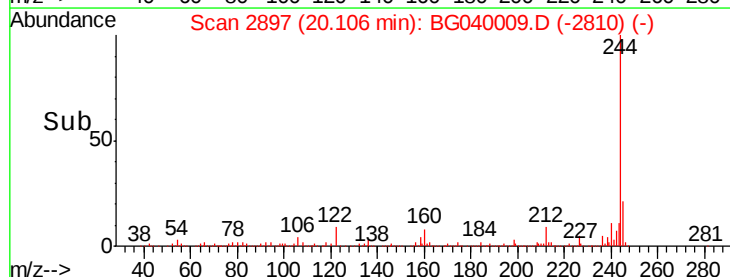
122 9.3 8.4 12.6

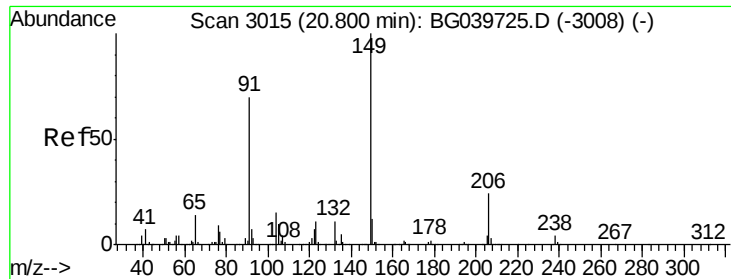


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

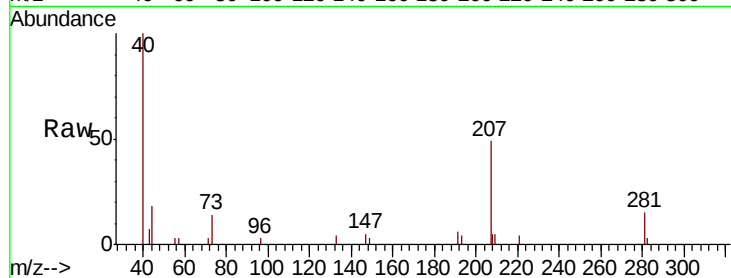




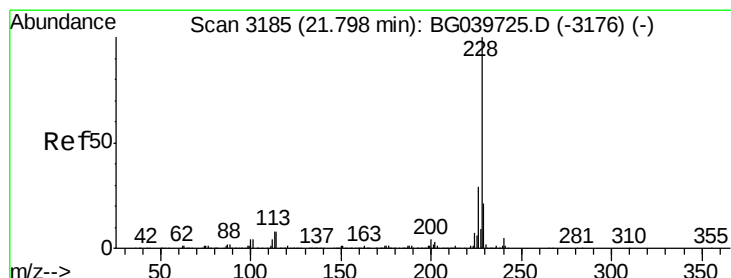
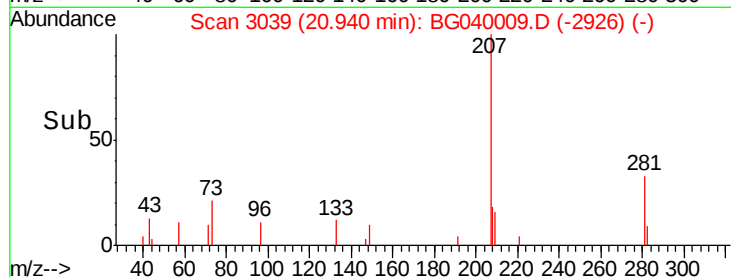
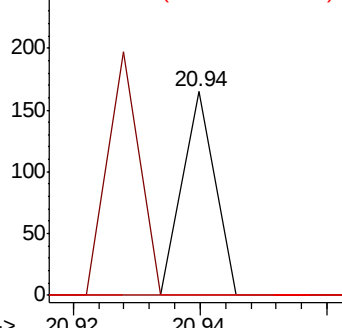
#80
Butylbenzylphthalate
Concen: 0.009 ng
RT: 20.94 min Scan# 3039
Delta R.T. 0.13 min
Lab File: BG040009.D
Acq: 19 Mar 2019 19:18

Instrument :
BNA_G
ClientSampled :
TP-3

Tgt Ion:149 Resp: 58
Ion Ratio Lower Upper
149 100
91 0.0 59.5 89.3#
206 0.0 18.6 27.8#

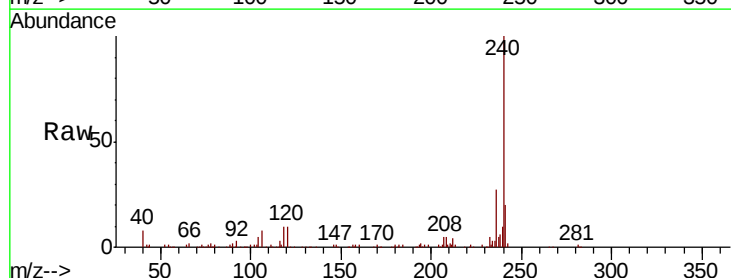


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E

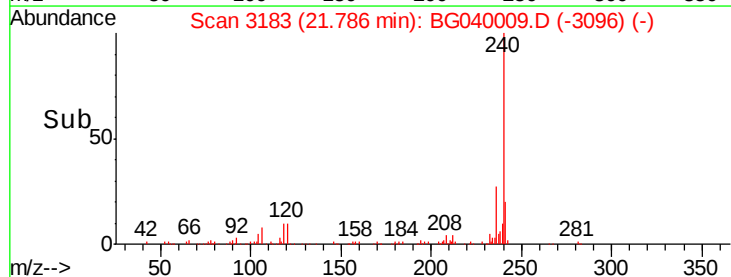
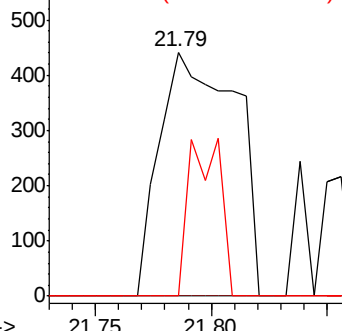


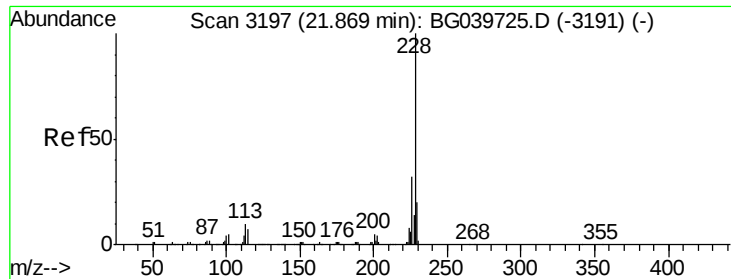
#81
Benzo(a)anthracene
Concen: 0.062 ng
RT: 21.79 min Scan# 3183
Delta R.T. -0.02 min
Lab File: BG040009.D
Acq: 19 Mar 2019 19:18

Tgt Ion:228 Resp: 1004
Ion Ratio Lower Upper
228 100
226 0.0 23.0 34.6#
229 0.0 16.9 25.3#



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





#83

Chrysene

Concen: 0.005 ng

RT: 21.84 min Scan# 3192

Delta R.T. -0.04 min

Lab File: BG040009.D

Acq: 19 Mar 2019 19:18

Instrument :

BNA_G

ClientSampled :

TP-3

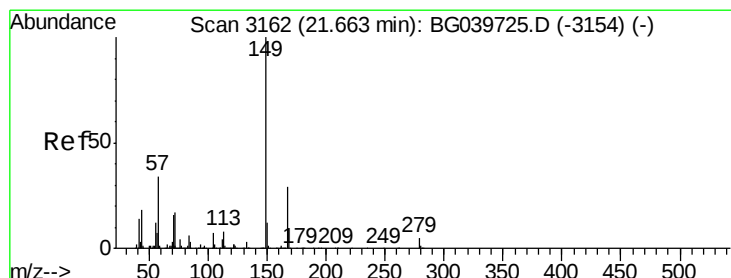
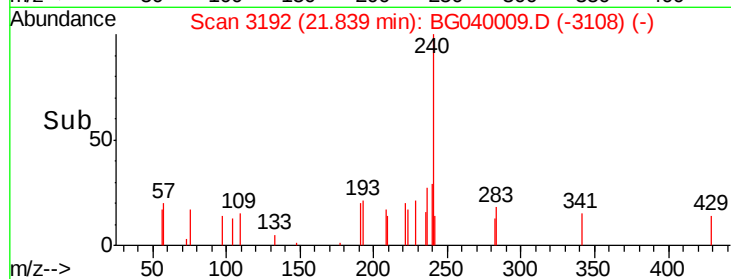
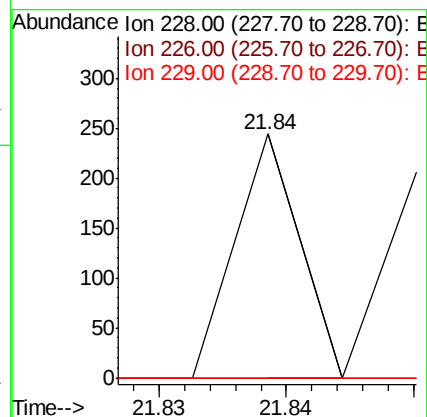
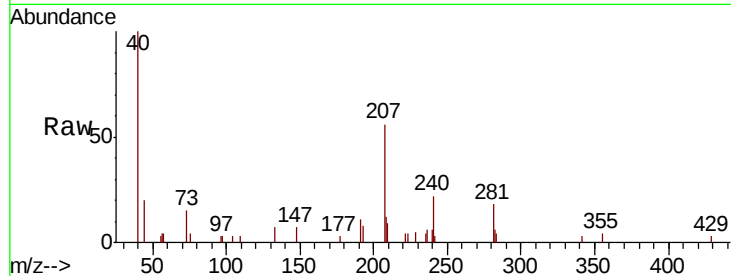
Tgt Ion: 228 Resp: 86

Ion Ratio Lower Upper

228 100

226 0.0 25.8 38.6#

229 0.0 16.6 25.0#



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.035 ng

RT: 21.65 min Scan# 3160

Delta R.T. -0.02 min

Lab File: BG040009.D

Acq: 19 Mar 2019 19:18

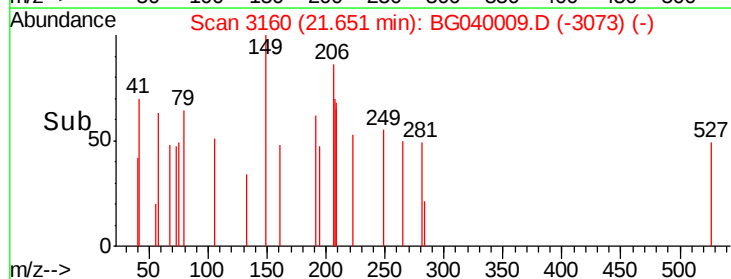
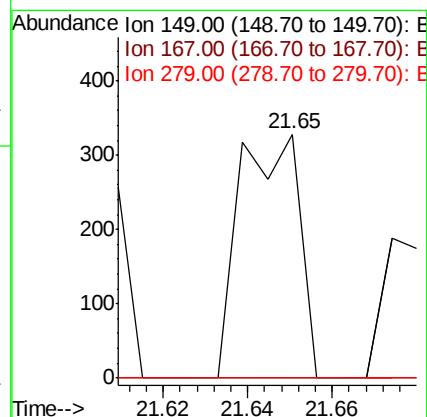
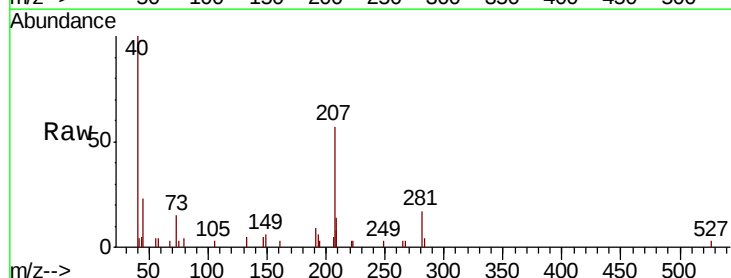
Tgt Ion: 149 Resp: 322

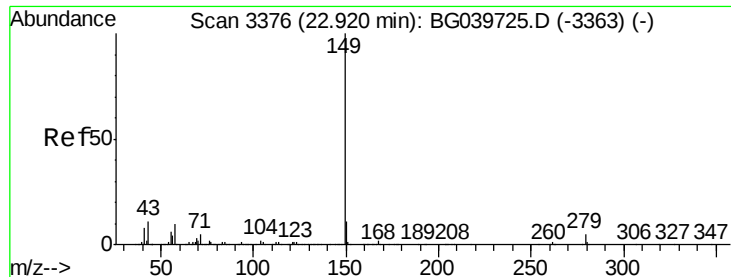
Ion Ratio Lower Upper

149 100

167 0.0 22.6 34.0#

279 0.0 3.5 5.3#

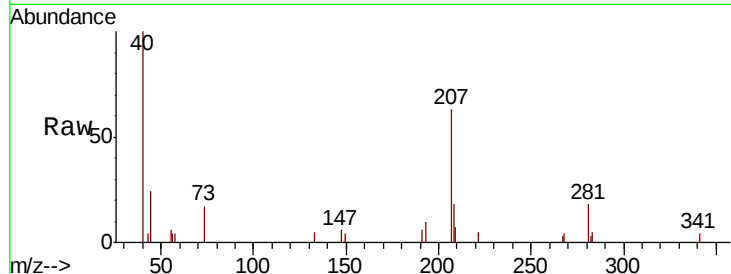




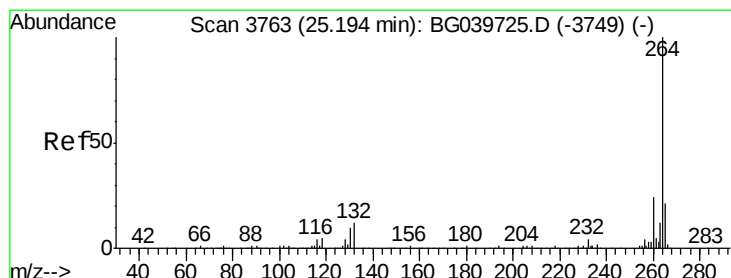
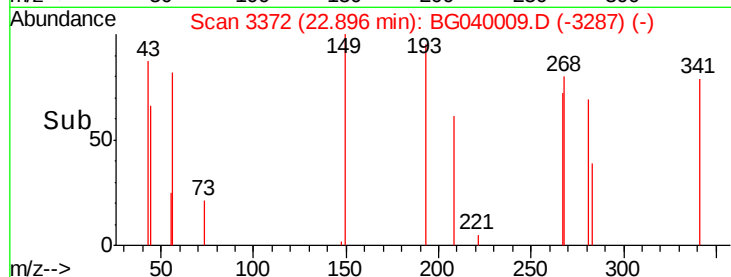
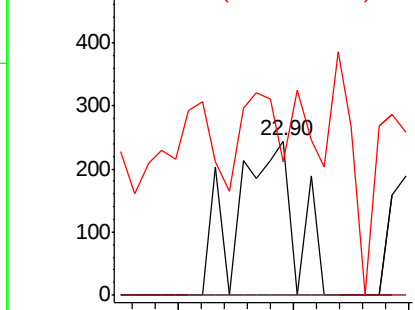
#85
Di-n-octyl phthalate
Concen: 0.029 ng
RT: 22.90 min Scan# 3372
Delta R.T. -0.03 min
Lab File: BG040009.D
Acq: 19 Mar 2019 19:18

Instrument :
BNA_G
ClientSampled :
TP-3

Tgt Ion:149 Resp: 440
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 0.0 10.2 15.4#

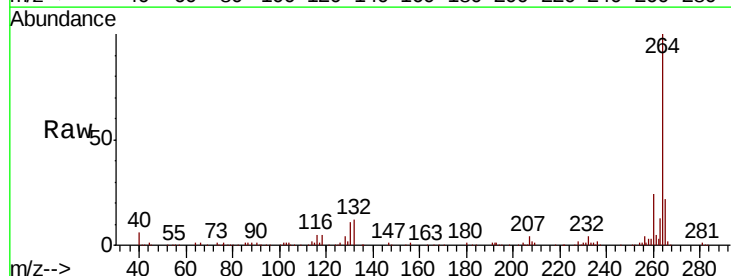


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BG

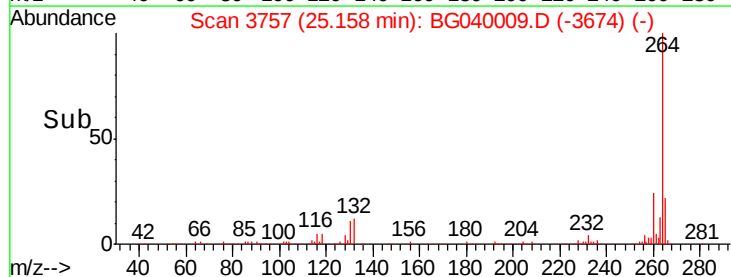
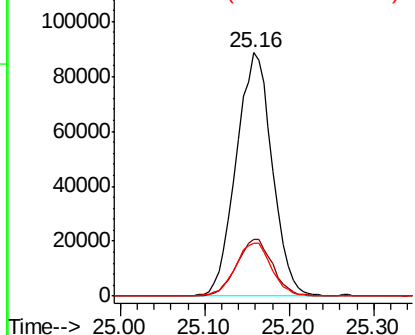


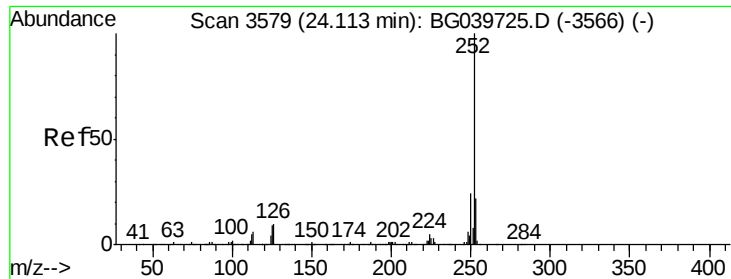
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.16 min Scan# 3757
Delta R.T. -0.04 min
Lab File: BG040009.D
Acq: 19 Mar 2019 19:18

Tgt Ion:264 Resp: 262114
Ion Ratio Lower Upper
264 100
260 23.5 18.2 27.4
265 21.7 18.5 27.7



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

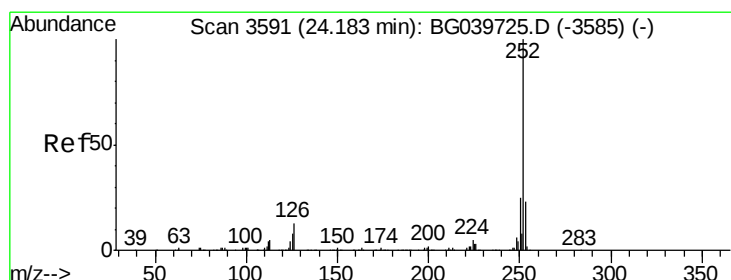
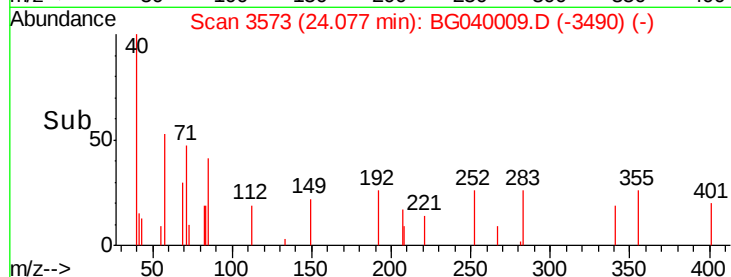
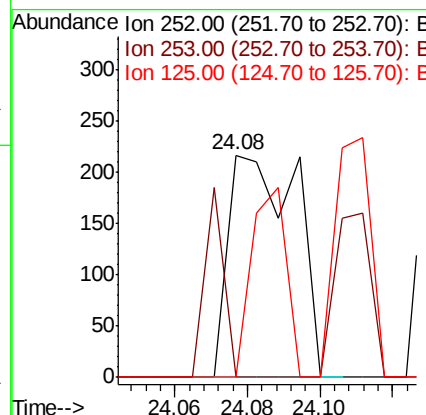
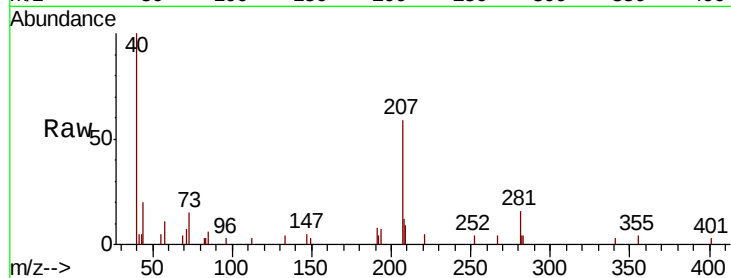




#88
Benzo(b)fluoranthene
Concen: 0.018 ng
RT: 24.08 min Scan# 3573
Delta R.T. -0.04 min
Lab File: BG040009.D
Acq: 19 Mar 2019 19:18

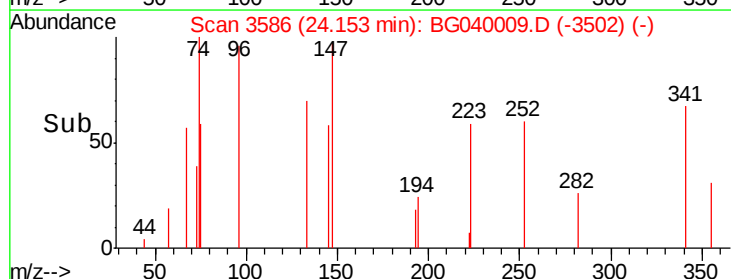
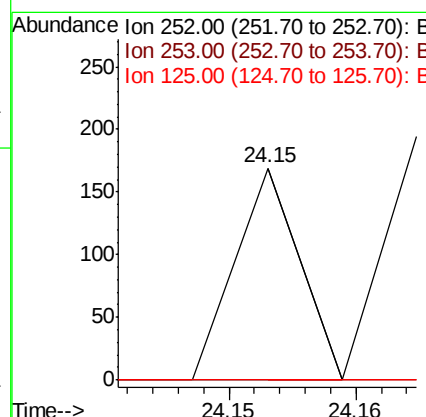
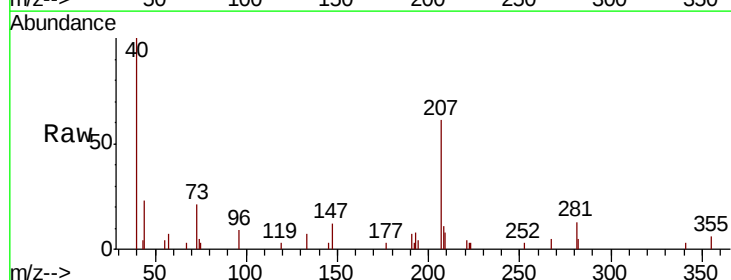
Instrument :
BNA_G
ClientSampleId :
TP-3

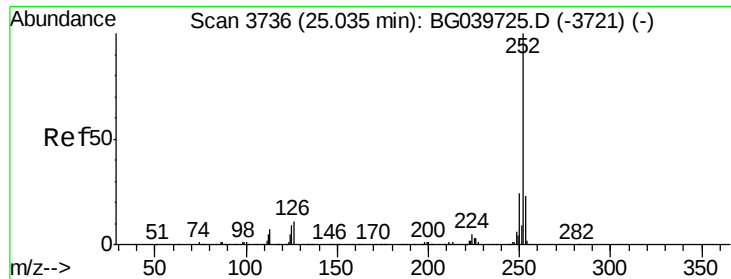
Tgt Ion:252 Resp: 282
Ion Ratio Lower Upper
252 100
253 0.0 17.8 26.8#
125 0.0 7.8 11.6#



#89
Benzo(k)fluoranthene
Concen: 0.004 ng
RT: 24.15 min Scan# 3586
Delta R.T. -0.04 min
Lab File: BG040009.D
Acq: 19 Mar 2019 19:18

Tgt Ion:252 Resp: 60
Ion Ratio Lower Upper
252 100
253 0.0 18.2 27.2#
125 0.0 7.4 11.2#





#90

Benzo(a)pyrene

Concen: 0.005 ng

RT: 25.01 min Scan# 3732

Delta R.T. -0.03 min

Lab File: BG040009.D

Acq: 19 Mar 2019 19:18

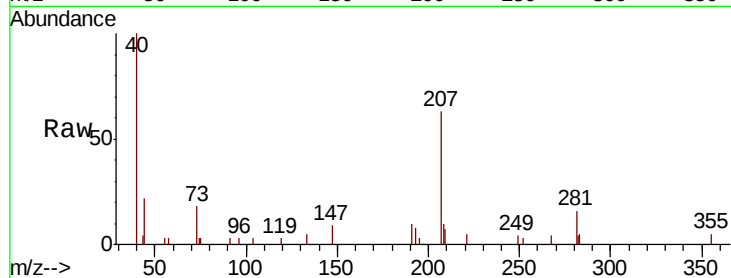
Instrument :

BNA_G

ClientSampled :

TP-3

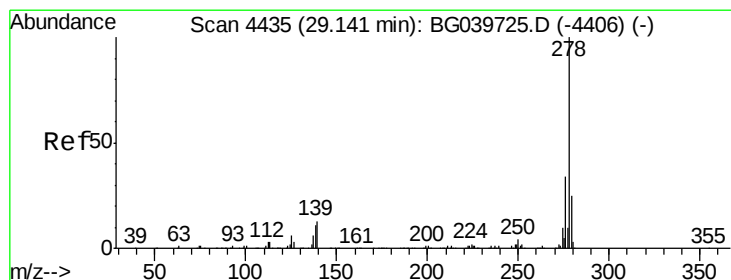
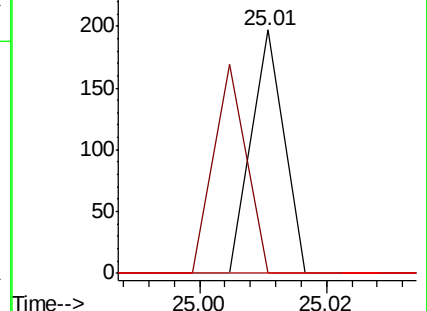
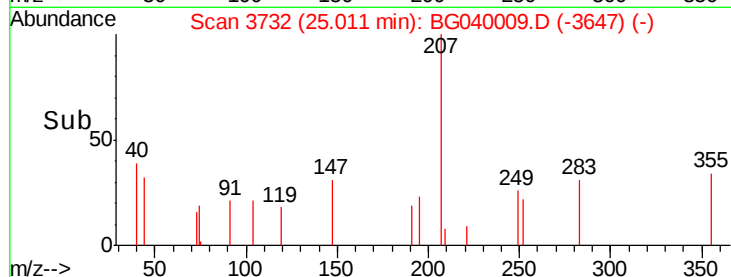
Tgt Ion:	252	Resp:	69
Ion Ratio	Lower	Upper	
252	100		
253	0.0	17.9	26.9#
125	0.0	8.3	12.5#



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



#91

Dibenzo(a,h)anthracene

Concen: 0.004 ng

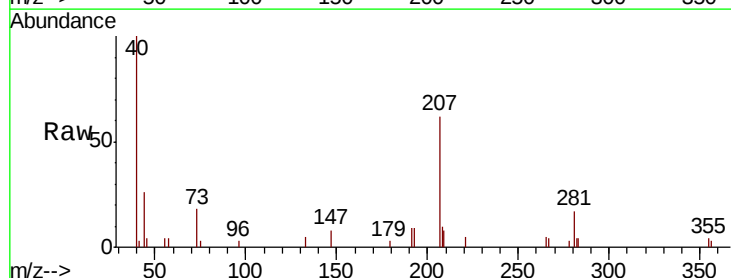
RT: 29.09 min Scan# 4426

Delta R.T. -0.07 min

Lab File: BG040009.D

Acq: 19 Mar 2019 19:18

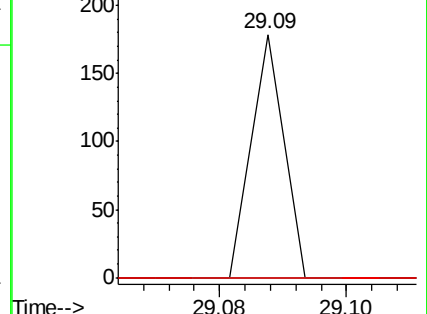
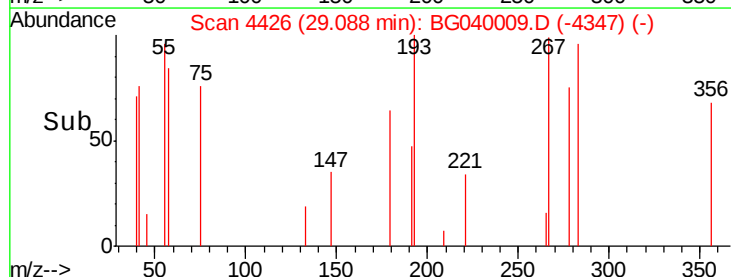
Tgt Ion:	278	Resp:	63
Ion Ratio	Lower	Upper	
278	100		
139	0.0	11.7	17.5#
279	0.0	19.1	28.7#

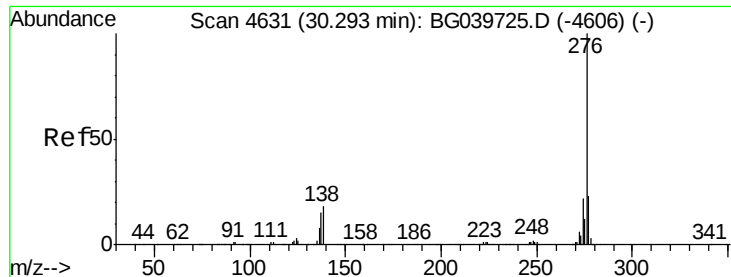


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

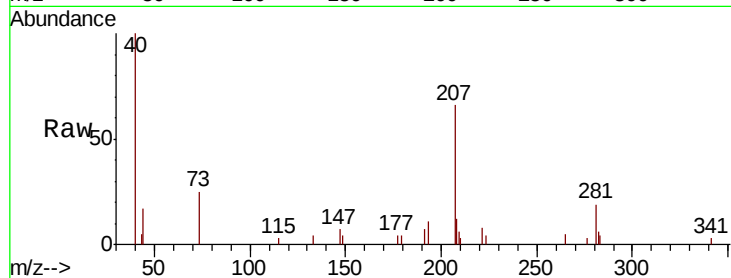




#92
 Benzo(g,h,i)perylene
 Concen: 0.004 ng
 RT: 30.24 min Scan# 4623
 Delta R.T. -0.07 min
 Lab File: BG040009.D
 Acq: 19 Mar 2019 19:18

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

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



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

