

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032219\
 Data File : BG040091.D
 Acq On : 22 Mar 2019 20:15
 Operator : JU/SJ
 Sample : K2032-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 23 02:10:04 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	39522	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	183810	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	137865	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	338093	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	330889	20.00	ng	-0.02
87) Perylene-d12	25.16	264	326060	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	85978	37.11	ng	-0.02
7) Phenol-d6	7.29	99	79116	22.90	ng	-0.02
23) Nitrobenzene-d5	9.32	82	253823	74.68	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	122042	75.95	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	653063	67.45	ng	-0.02
79) Terphenyl-d14	20.11	244	926632	61.66	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.26	88	3301	3.086	ng	# 1
4) n-Nitrosodimethylamine	3.94	42	57	0.042	ng	# 1
6) Aniline	7.32	93	118	0.026	ng	# 1
9) Benzaldehyde	7.27	77	57	0.026	ng	# 4
10) Phenol	7.31	94	7240	1.935	ng	# 87
11) bis(2-Chloroethyl)ether	7.66	93	87	0.030	ng	# 1
15) Benzyl Alcohol	8.46	79	3328	1.215	ng	# 45
19) n-Nitroso-di-n-propylamine	9.32	70	33370	13.422	ng	# 64
22) Acetophenone	8.99	105	68	0.014	ng	# 44
24) Nitrobenzene	9.32	77	858	0.241	ng	# 36
46) 1,1'-Biphenyl	13.60	154	816	0.072	ng	# 89
48) 2-Nitroaniline	14.21	65	73	0.027	ng	# 1
50) Dimethylphthalate	14.21	163	15658	1.358	ng	# 97
51) 2,6-Dinitrotoluene	14.77	165	17155	7.019	ng	# 23
52) Acenaphthene	14.77	154	518	0.061	ng	# 5
57) 2,4-Dinitrotoluene	14.77	165	17155	4.996	ng	# 18
58) Fluorene	16.26	166	5066	0.466	ng	# 71
60) Diethylphthalate	15.55	149	242	0.021	ng	# 58
63) Azobenzene	16.25	77	818	0.079	ng	# 22
65) 4,6-Dinitro-2-methylphenol	16.26	198	356	0.178	ng	# 31
66) n-Nitrosodiphenylamine	16.25	169	4854	0.496	ng	# 52
67) 4-Bromophenyl-phenylether	16.26	248	9132	2.413	ng	# 1
71) Phenanthrene	17.55	178	234	0.013	ng	# 59
72) Anthracene	17.55	178	234	0.013	ng	# 60
74) Di-n-butylphthalate	18.44	149	299	0.016	ng	# 77
75) Fluoranthene	19.58	202	53	0.002	ng	# 63
77) Benzidine	20.11	184	15373	1.464	ng	# 94
78) Pyrene	20.11	202	3748	0.174	ng	# 73
80) Butylbenzylphthalate	20.70	149	61	0.007	ng	# 22
81) Benzo(a)anthracene	21.81	228	984	0.047	ng	# 50
83) Chrysene	21.81	228	984	0.049	ng	# 48
84) Bis(2-ethylhexyl)phthalate	21.64	149	1262	0.108	ng	# 92
85) Di-n-octyl phthalate	22.91	149	122	0.006	ng	# 1
88) Benzo(b)fluoranthene	24.09	252	55	0.003	ng	# 60

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

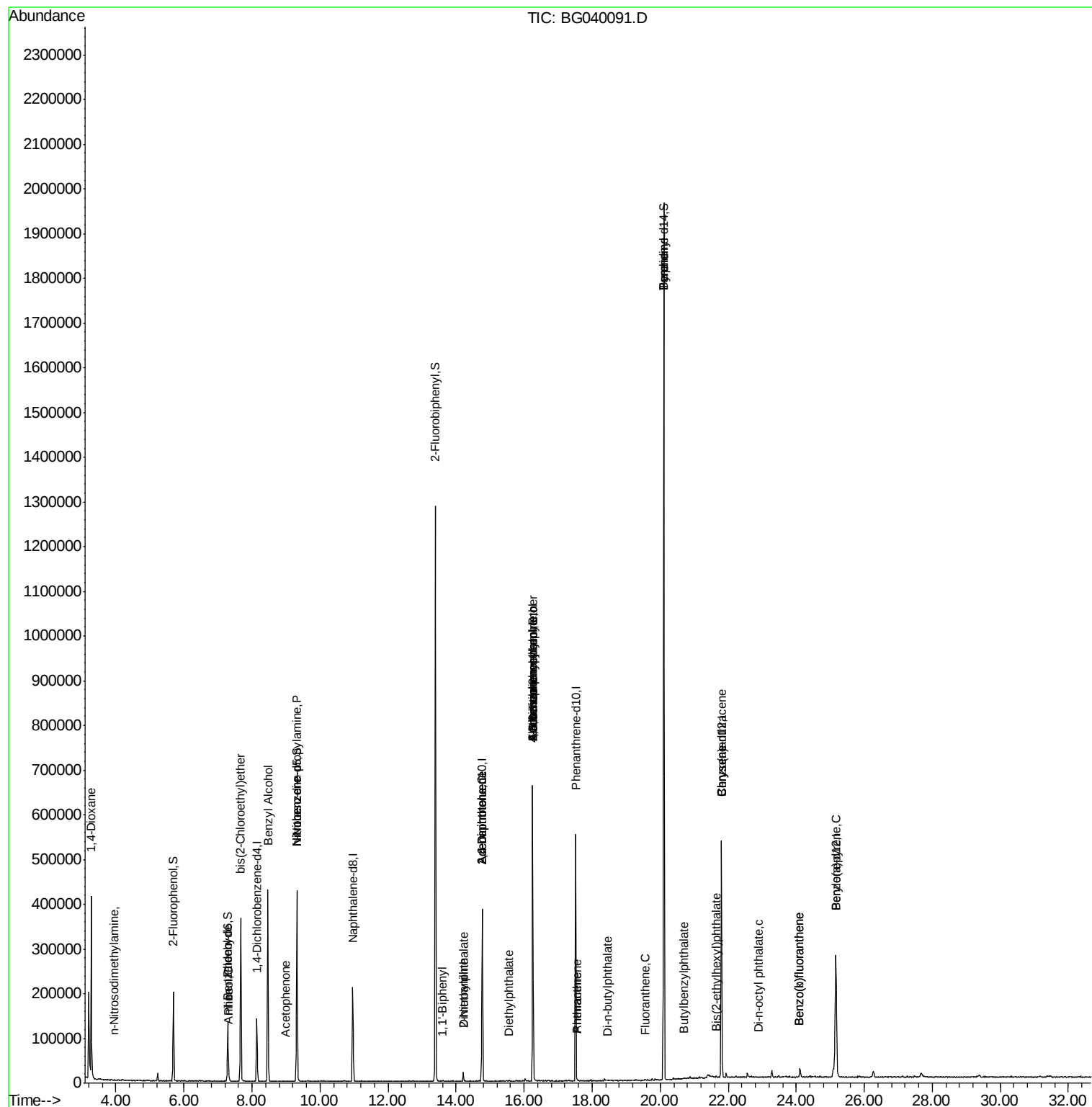
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) Benzo(k)fluoranthene	24.09	252	55	0.003	ng	# 59
90) Benzo(a)pyrene	25.17	252	1393	0.078	ng	# 59

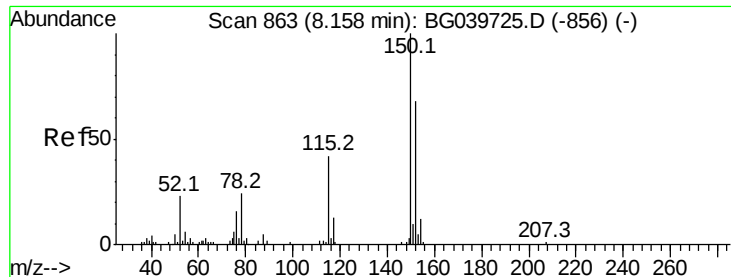
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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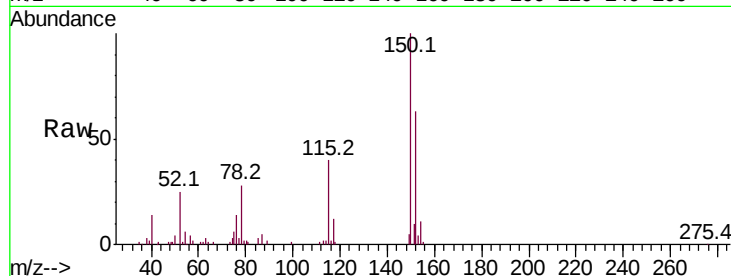


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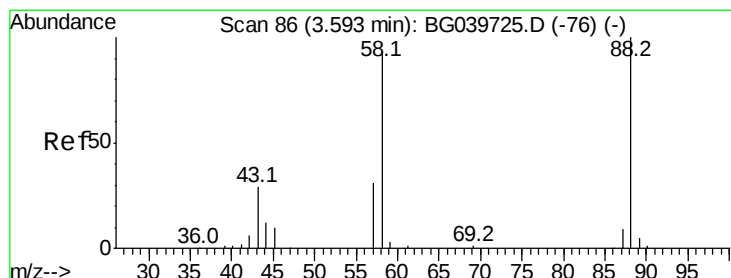
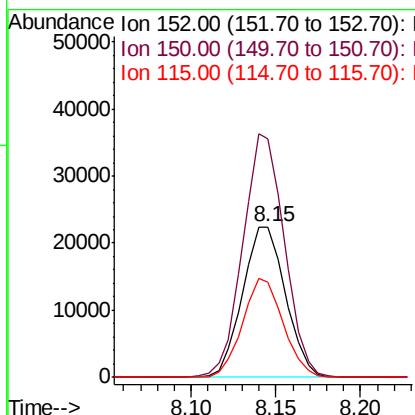
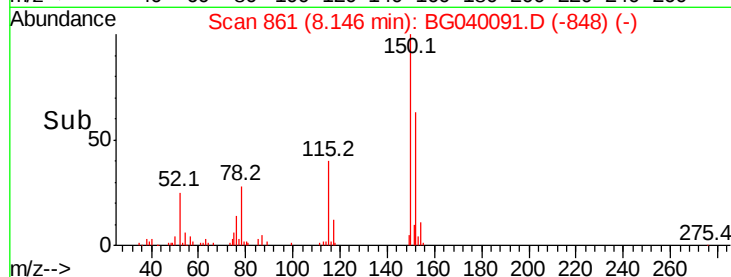
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BG040091.D
Acq: 22 Mar 2019 20:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 39522
Ion Ratio Lower Upper
152 100
150 159.0 123.7 185.5
115 63.1 45.9 68.9



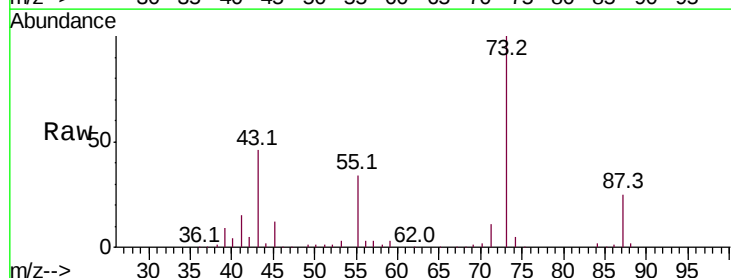
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



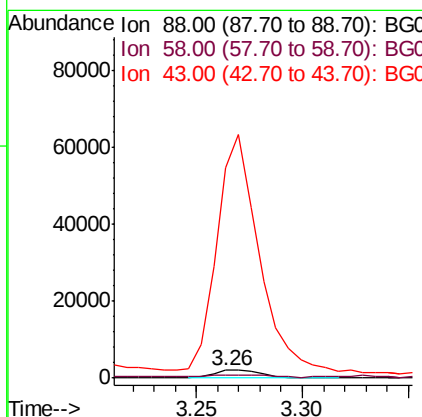
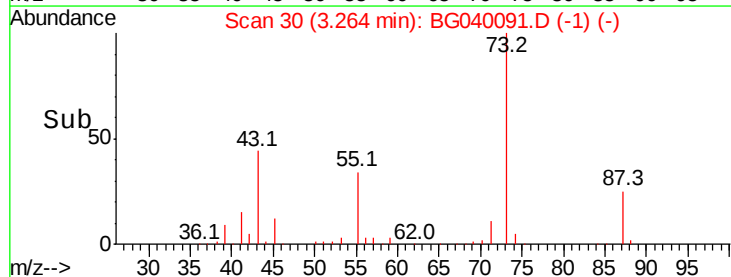
#2

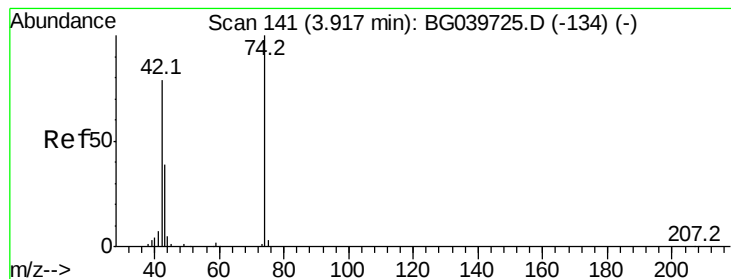
1,4-Dioxane
Concen: 3.086 ng
RT: 3.26 min Scan# 30
Delta R.T. -0.34 min
Lab File: BG040091.D
Acq: 22 Mar 2019 20:15

Tgt Ion: 88 Resp: 3301
Ion Ratio Lower Upper
88 100
58 40.2 81.1 121.7#
43 2707.1 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



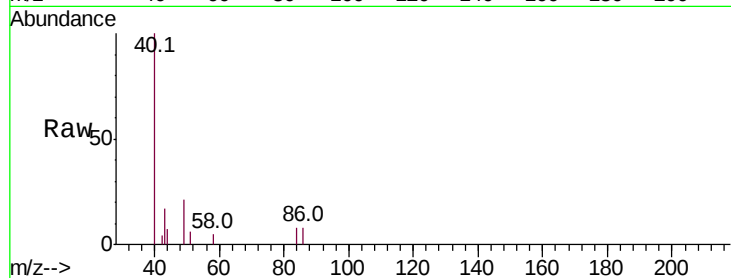


#4

n-Nitrosodimethylamine
 Concen: 0.042 ng
 RT: 3.94 min Scan# 145
 Delta R.T. 0.01 min
 Lab File: BG040091.D
 Acq: 22 Mar 2019 20:15

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
42	100		
74	0.0	83.6	125.4#
44	189.6	6.9	10.3#

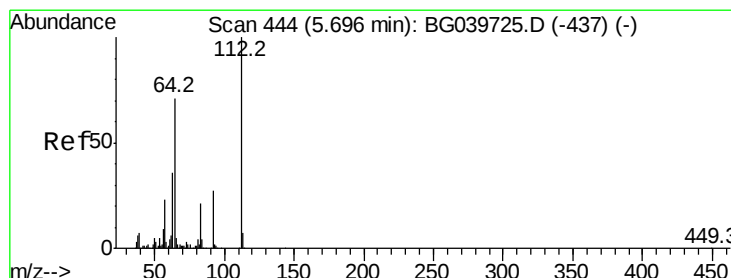
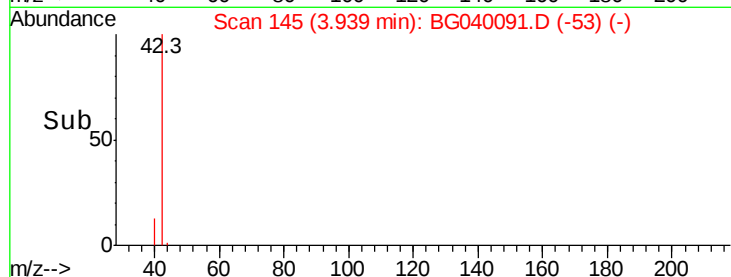
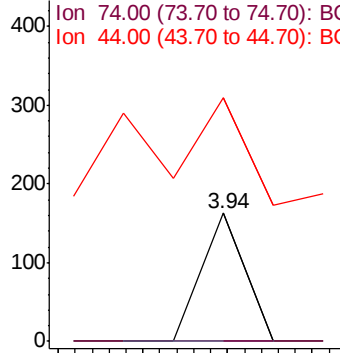


Abundance

Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

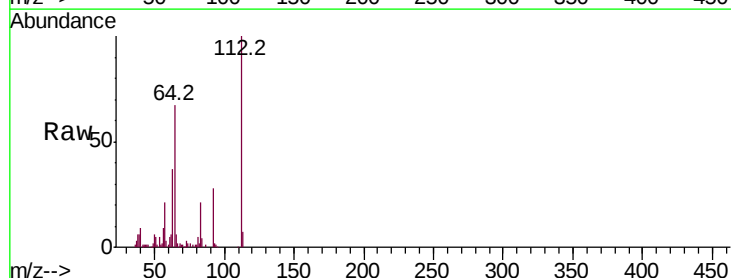
Ion 44.00 (43.70 to 44.70): BGC



#5

2-Fluorophenol
 Concen: 37.113 ng
 RT: 5.69 min Scan# 443
 Delta R.T. -0.02 min
 Lab File: BG040091.D
 Acq: 22 Mar 2019 20:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.5	57.8	86.8
63	37.2	29.8	44.6

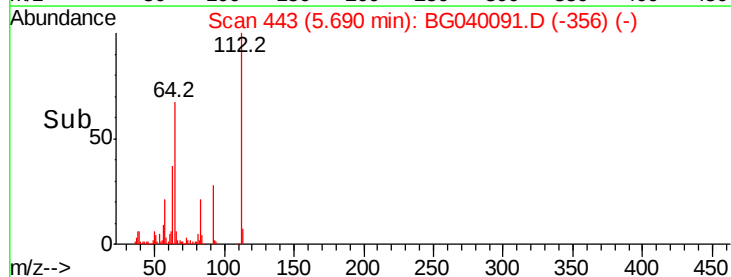
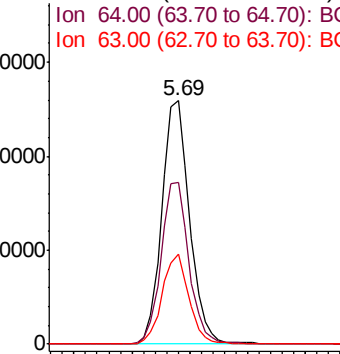


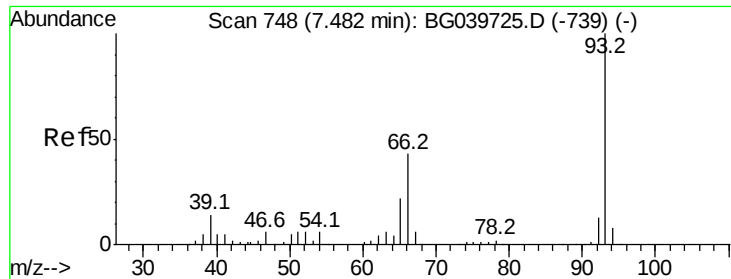
Abundance

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: 0.026 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.18 min

Lab File: BG040091.D

Acq: 22 Mar 2019 20:15

Instrument :

BNA_G

ClientSampled :

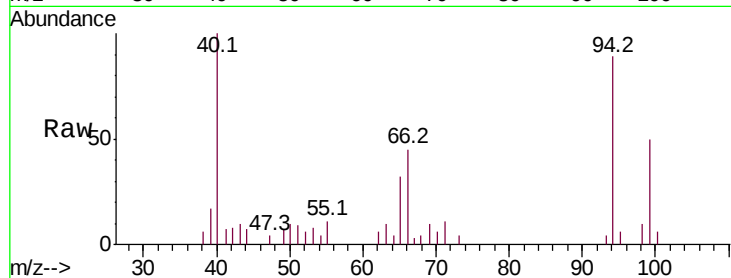
Tot Ion: 93 Resp: 118

Ion Ratio Lower Upper

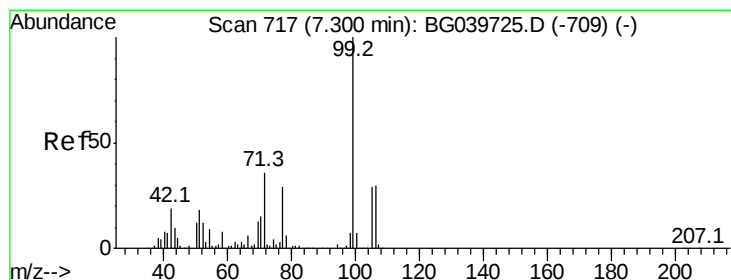
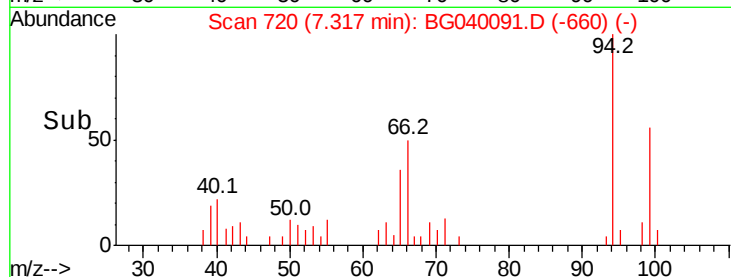
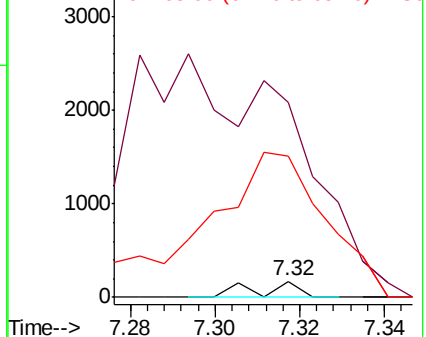
93 100

66 1197.7 34.2 51.4#

65 865.5 17.7 26.5#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC



#7

Phenol-d6

Concen: 22.904 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040091.D

Acq: 22 Mar 2019 20:15

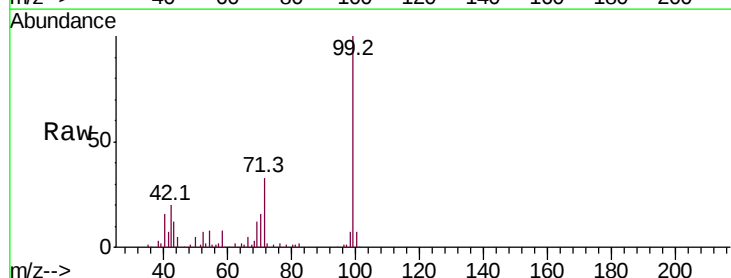
Tgt Ion: 99 Resp: 79116

Ion Ratio Lower Upper

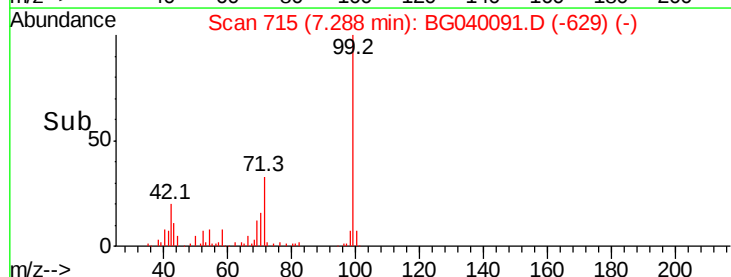
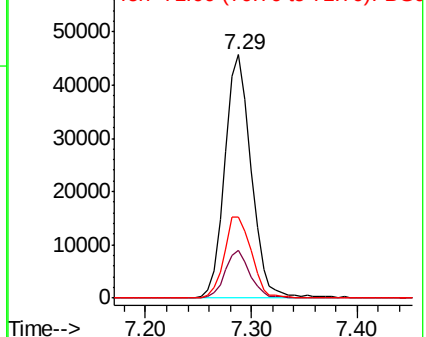
99 100

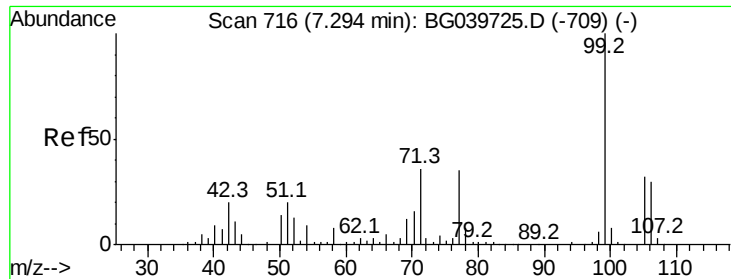
42 19.9 18.2 27.2

71 33.4 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

Benzaldehyd

Concen: 0.026 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.04 min

Lab File: BG040091.D

Acq: 22 Mar 2019 20:15

Instrument :

BNA_G

ClientSampled :

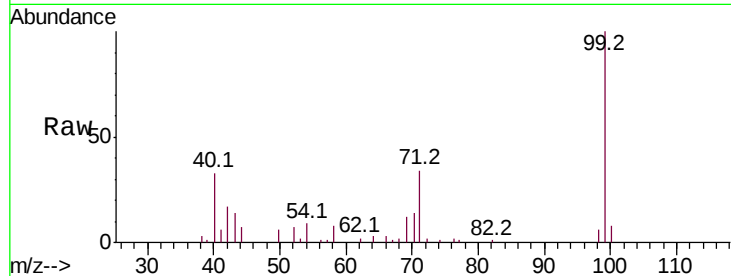
Tot Ion: 77 Resp: 57

Ion Ratio Lower Upper

77 100

105 0.0 74.5 114.5#

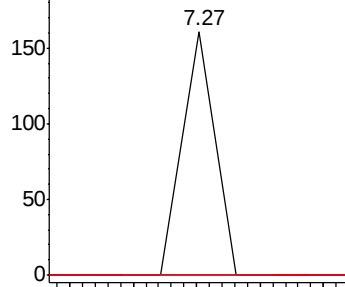
106 0.0 68.0 108.0#



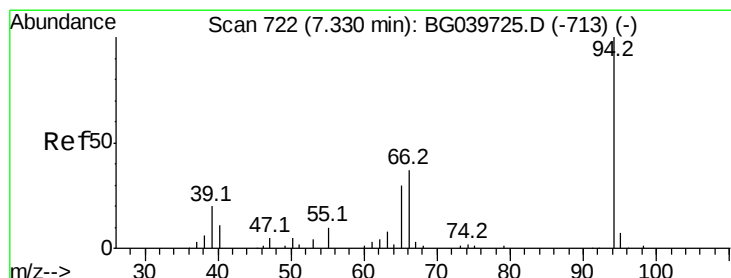
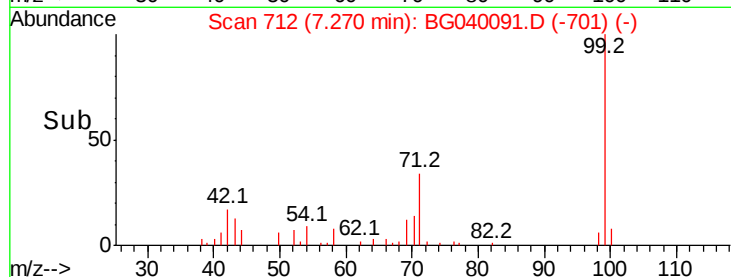
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



Time-->



#10

Phenol

Concen: 1.935 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.02 min

Lab File: BG040091.D

Acq: 22 Mar 2019 20:15

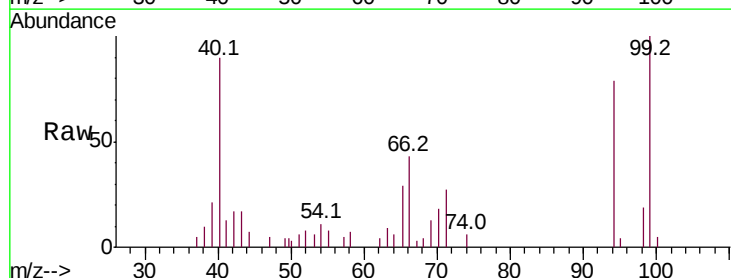
Tgt Ion: 94 Resp: 7240

Ion Ratio Lower Upper

94 100

65 36.3 11.7 51.7

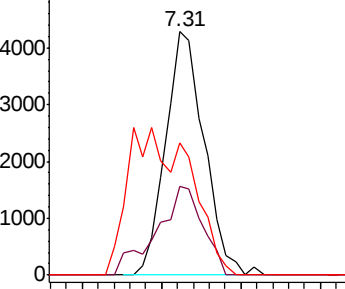
66 54.1 23.7 63.7



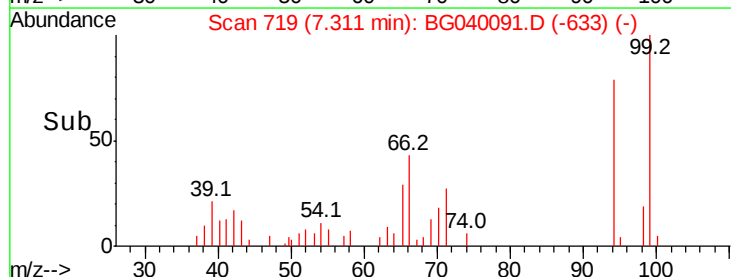
Abundance Ion 94.00 (93.70 to 94.70): BGC

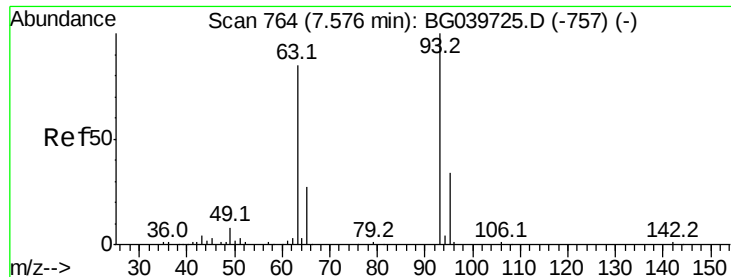
Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



Time-->

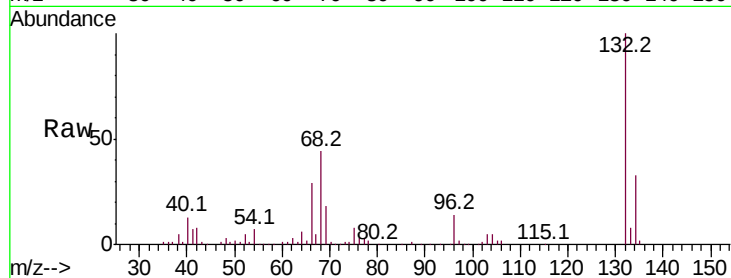




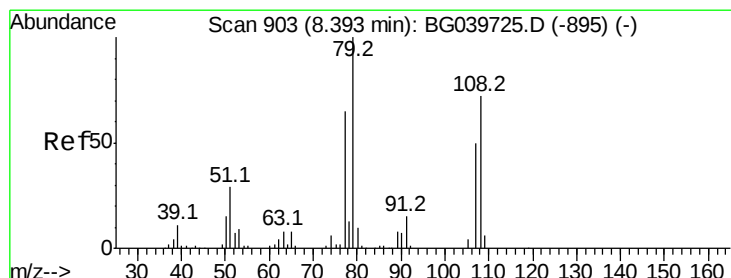
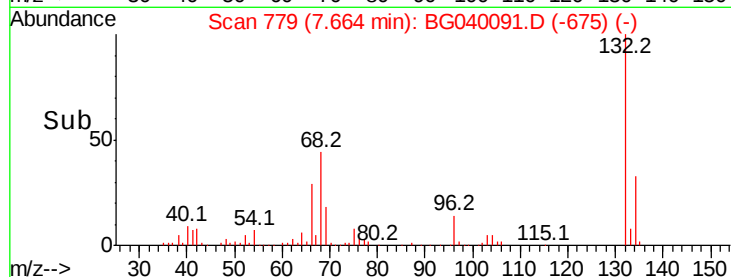
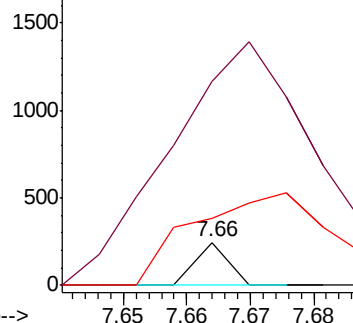
#11
bis(2-Chloroethyl)ether
Concen: 0.030 ng
RT: 7.66 min Scan# 779
Delta R.T. 0.08 min
Lab File: BG040091.D
Acq: 22 Mar 2019 20:15

Instrument :
BNA_G
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Tot Ion: 93 Resp: 87
Ion Ratio Lower Upper
93 100
63 472.9 69.5 109.5#
95 153.8 12.7 52.7#

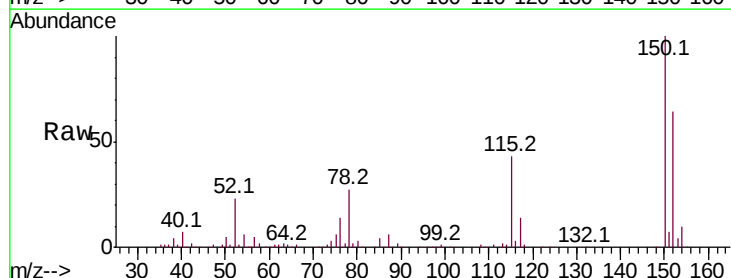


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

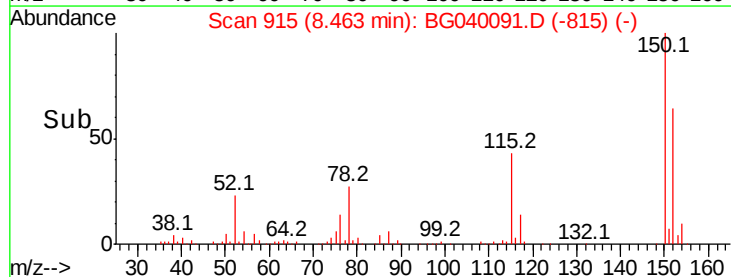
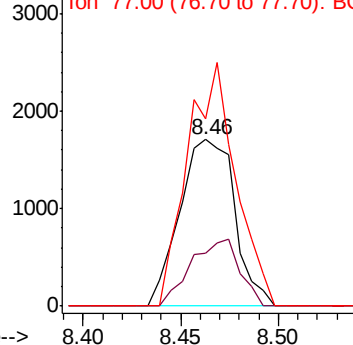


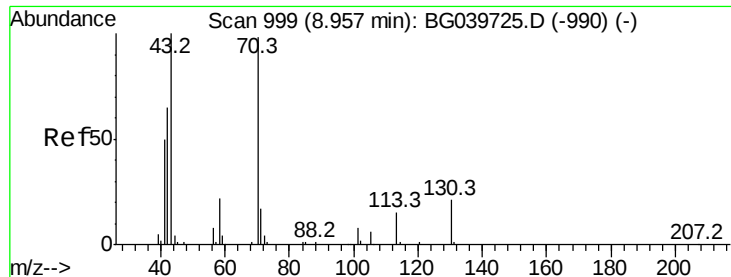
#15
Benzyl Alcohol
Concen: 1.215 ng
RT: 8.46 min Scan# 915
Delta R.T. 0.06 min
Lab File: BG040091.D
Acq: 22 Mar 2019 20:15

Tgt Ion: 79 Resp: 3328
Ion Ratio Lower Upper
79 100
108 32.1 57.8 86.6#
77 112.8 51.1 76.7#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

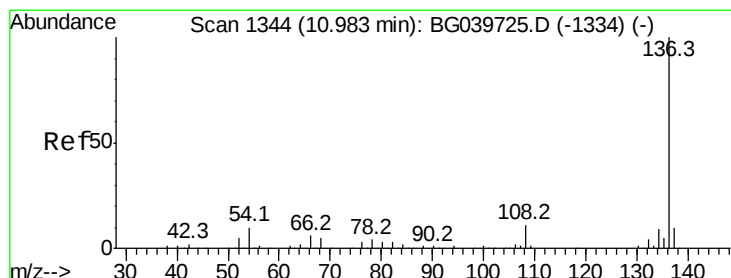
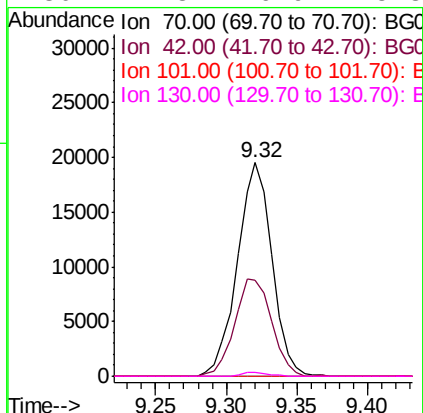
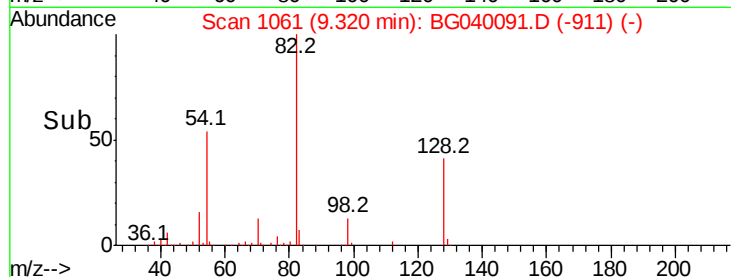
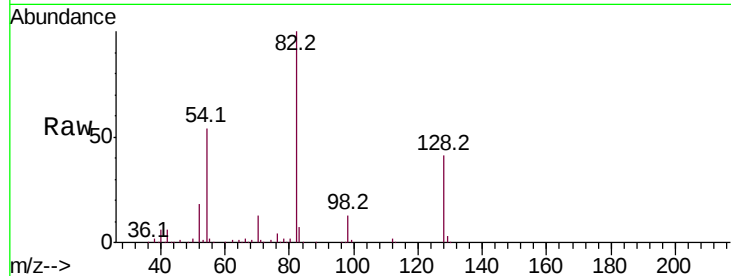




#19
n-Nitroso-di-n-propylamine
Concen: 13.422 ng
RT: 9.32 min Scan# 1061
Delta R.T. 0.35 min
Lab File: BG040091.D
Acq: 22 Mar 2019 20:15

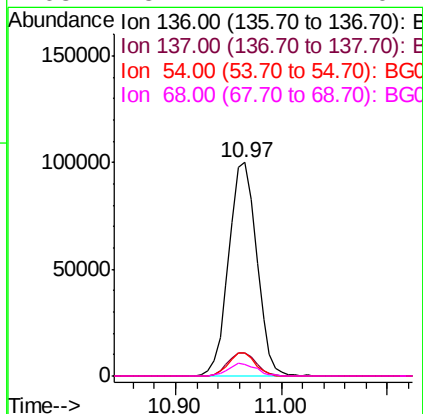
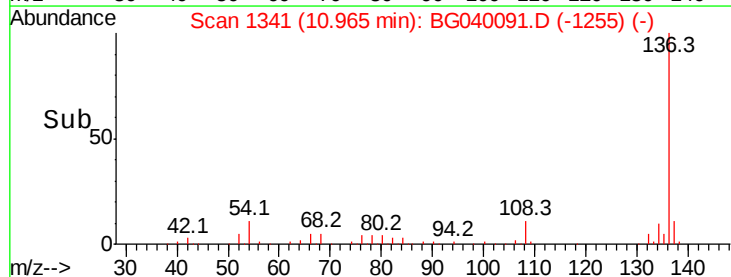
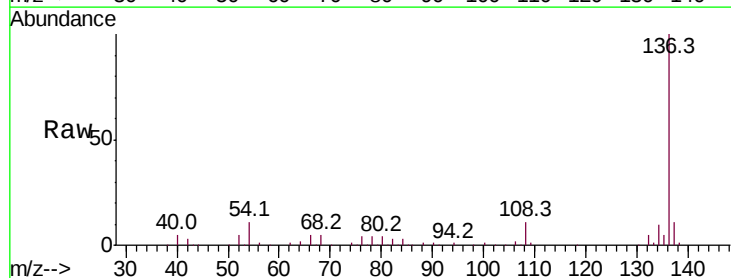
Instrument :
BNA_G
ClientSampleId :

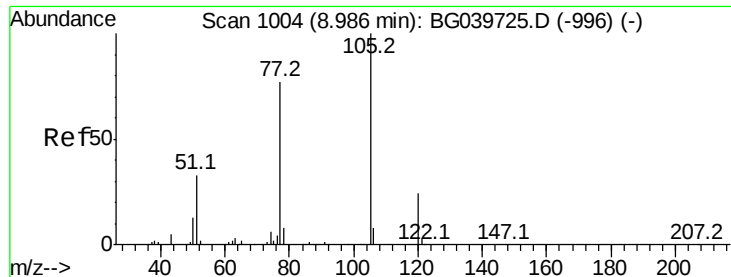
Tot Ion: 70 Resp: 33370
Ion Ratio Lower Upper
70 100
42 44.8 60.4 90.6#
101 0.0 7.5 11.3#
130 1.8 16.9 25.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG040091.D
Acq: 22 Mar 2019 20:15

Tgt Ion: 136 Resp: 183810
Ion Ratio Lower Upper
136 100
137 10.7 9.1 13.7
54 11.0 9.4 14.2
68 5.4 4.2 6.4

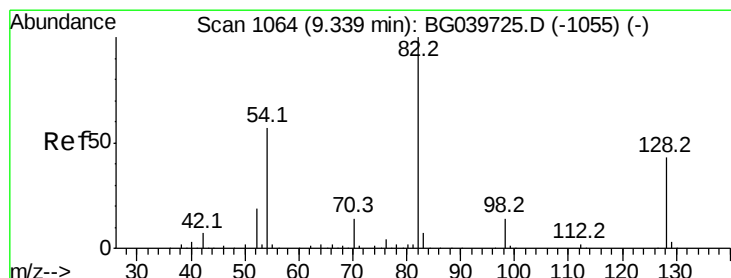
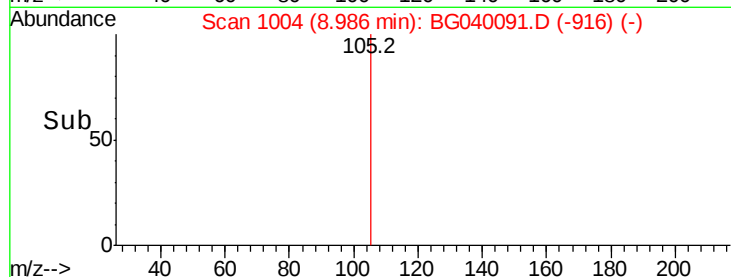
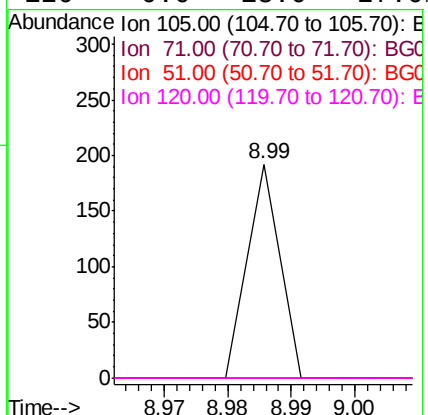
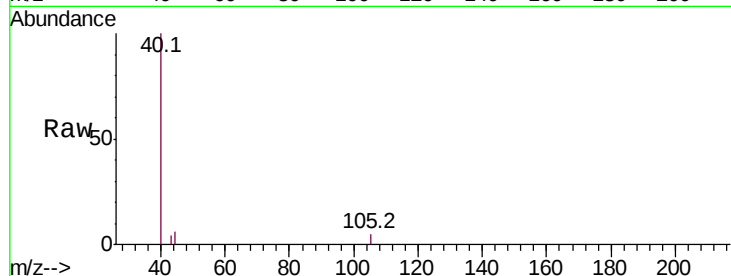




#22
Acetophenone
Concen: 0.014 ng
RT: 8.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG040091.D
Acq: 22 Mar 2019 20:15

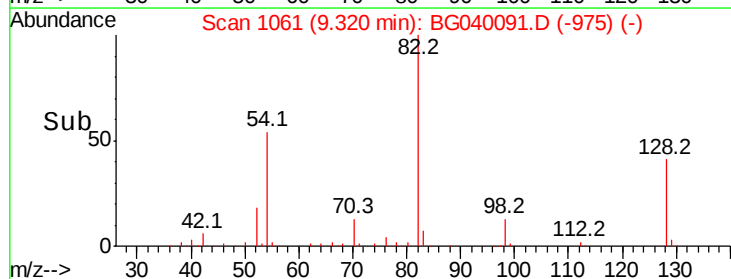
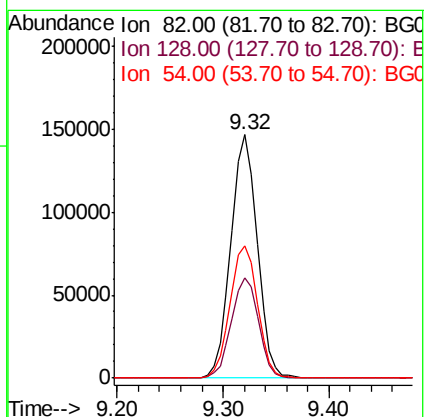
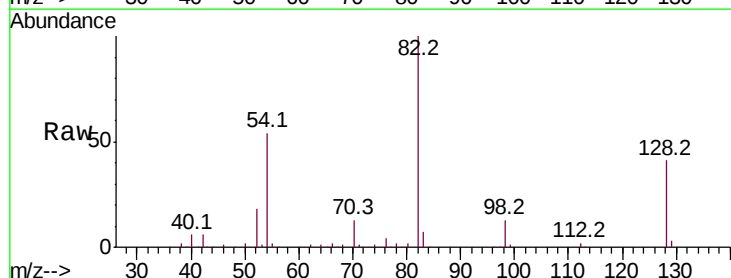
Instrument :
BNA_G
ClientSampleId :

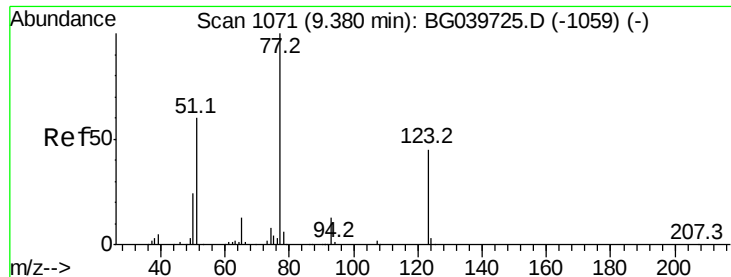
Tot Ion:105 Resp: 68
Ion Ratio Lower Upper
105 100
71 0.0 0.8 1.2#
51 0.0 30.2 45.2#
120 0.0 18.0 27.0#



#23
Nitrobenzene-d5
Concen: 74.685 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG040091.D
Acq: 22 Mar 2019 20:15

Tgt Ion: 82 Resp: 253823
Ion Ratio Lower Upper
82 100
128 41.4 31.3 46.9
54 54.4 50.9 76.3





#24

Nitrobenzene

Concen: 0.241 ng

RT: 9.32 min Scan# 1061

Delta R.T. -0.07 min

Lab File: BG040091.D

Acq: 22 Mar 2019 20:15

Instrument :

BNA_G

ClientSampleId :

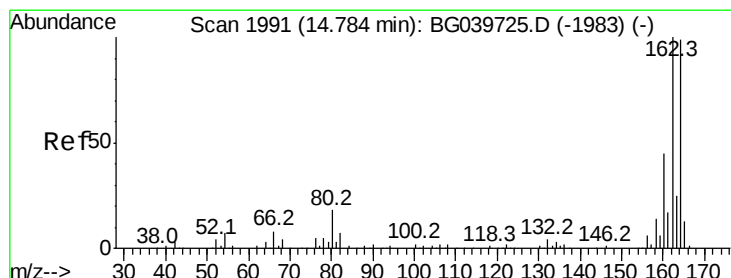
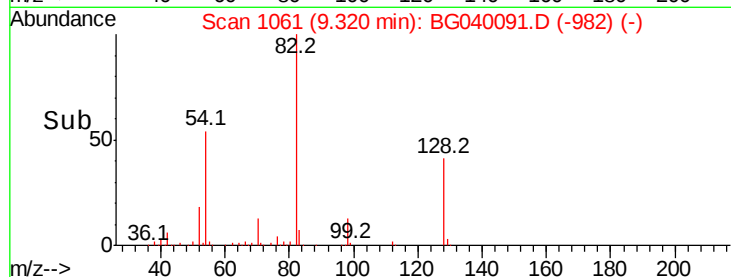
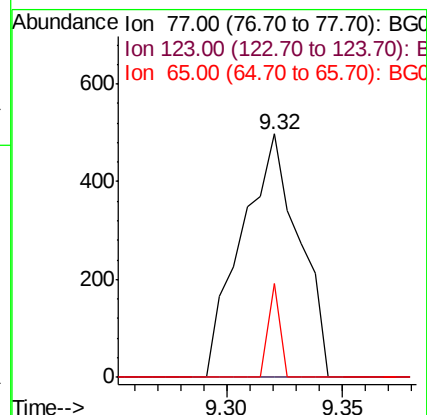
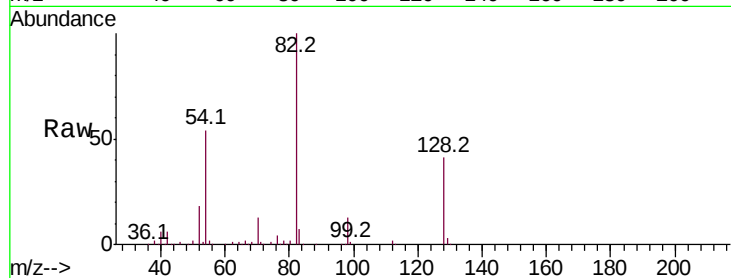
Tot Ion: 77 Resp: 858

Ion Ratio Lower Upper

77 100

123 0.0 34.1 51.1#

65 38.4 12.3 18.5#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BG040091.D

Acq: 22 Mar 2019 20:15

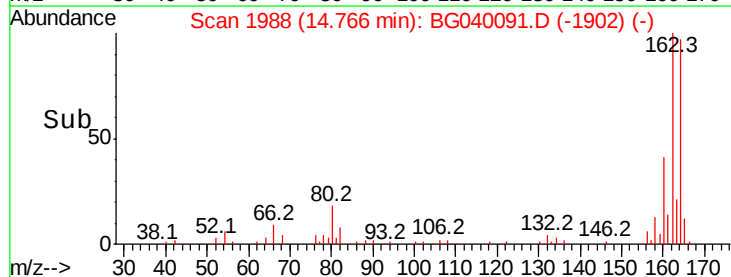
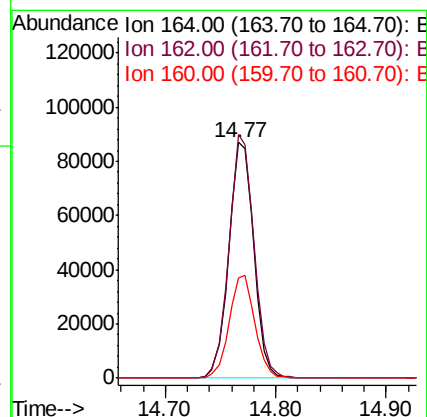
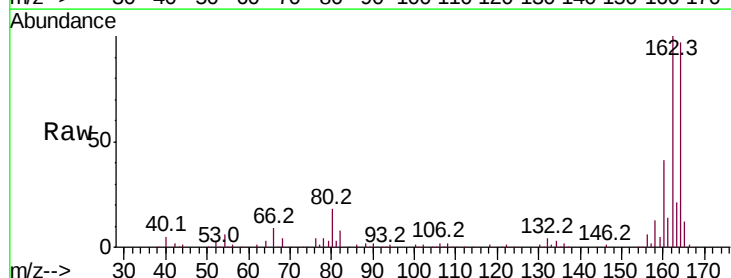
Tgt Ion:164 Resp: 137865

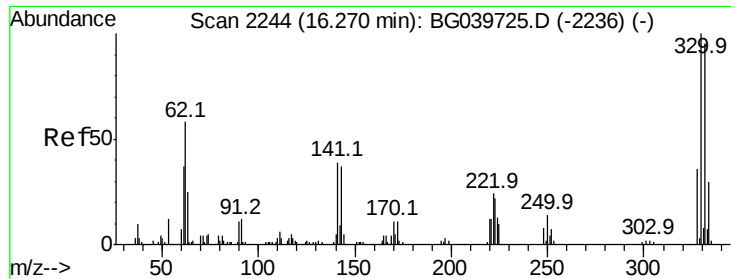
Ion Ratio Lower Upper

164 100

162 103.2 81.6 122.4

160 42.8 34.2 51.2

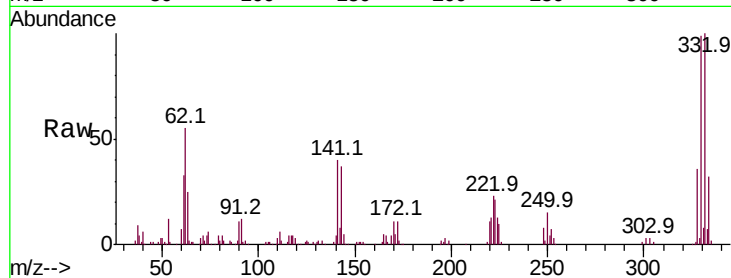




#42
 2,4,6-Tribromophenol
 Concen: 75.948 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. -0.02 min
 Lab File: BG040091.D
 Acq: 22 Mar 2019 20:15

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	75.7	113.5
141	39.4	35.6	53.4

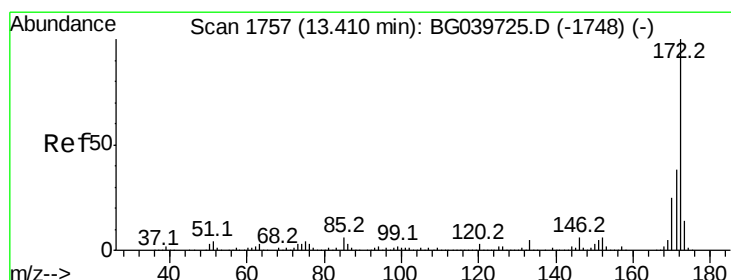
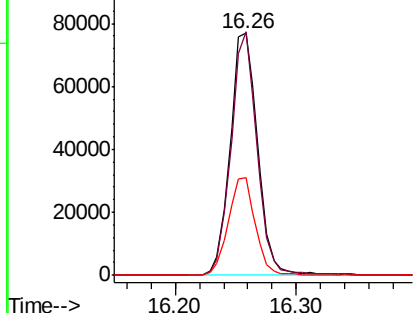
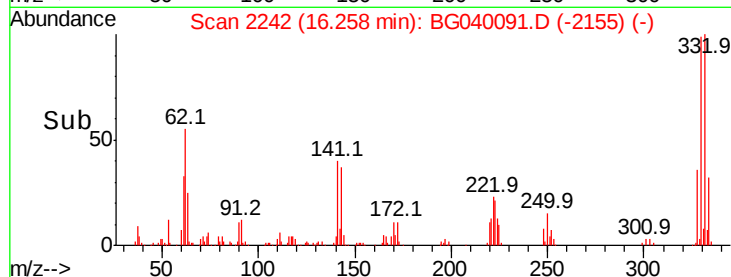


Abundance

Ion 329.80 (329.50 to 330.50): E

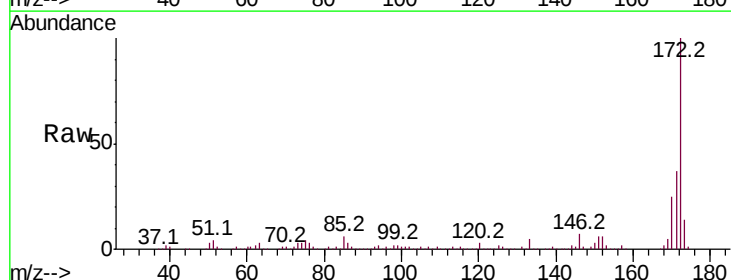
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 67.446 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG040091.D
 Acq: 22 Mar 2019 20:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.8	46.2
170	25.3	20.2	30.4

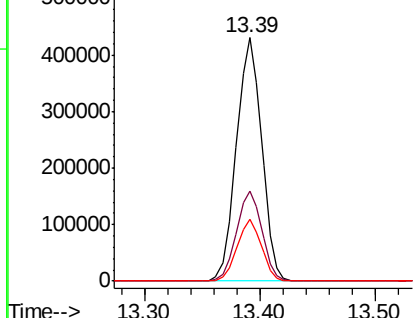
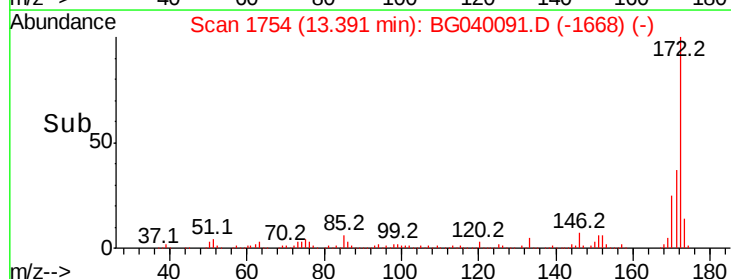


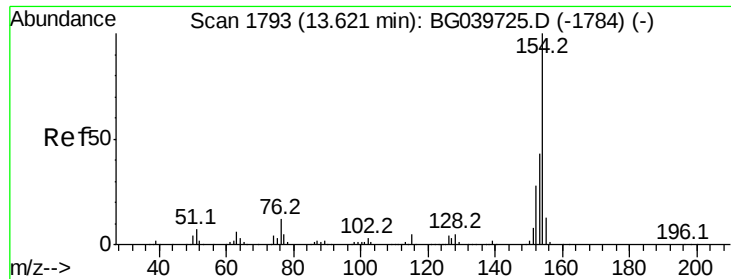
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

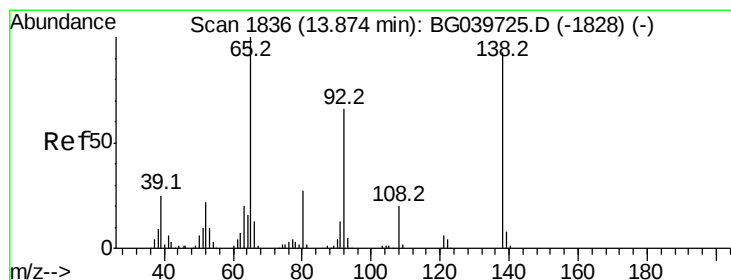
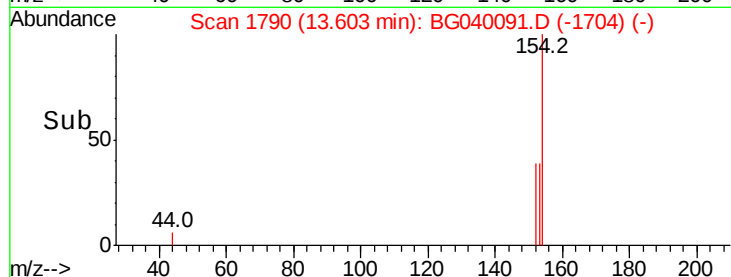
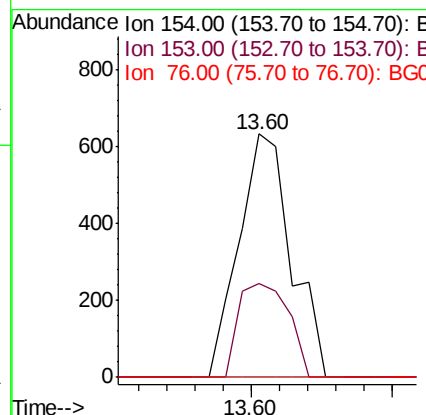
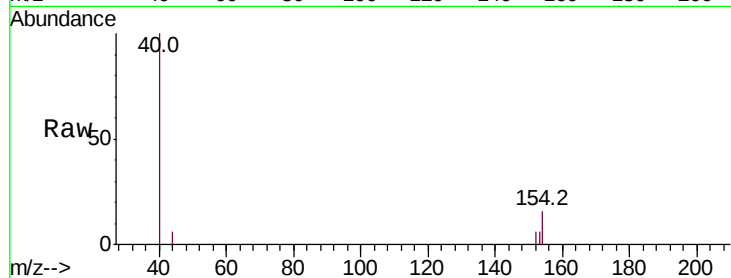




#46
 1,1'-Biphenyl
 Concen: 0.072 ng
 RT: 13.60 min Scan# 1790
 Delta R.T. -0.02 min
 Lab File: BG040091.D
 Acq: 22 Mar 2019 20:15

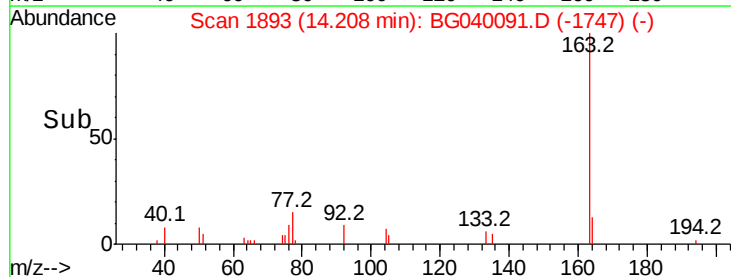
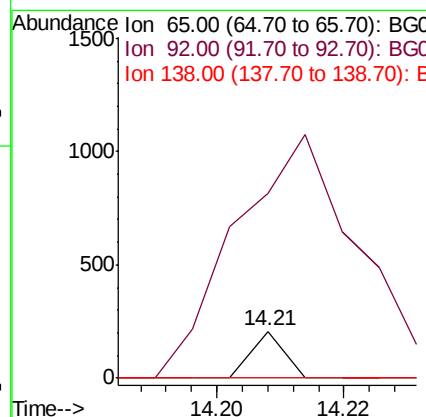
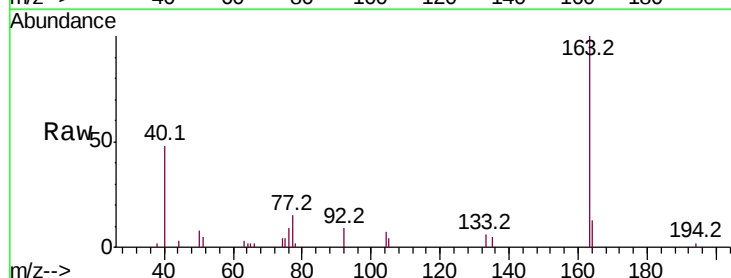
Instrument :
 BNA_G
 ClientSampled :

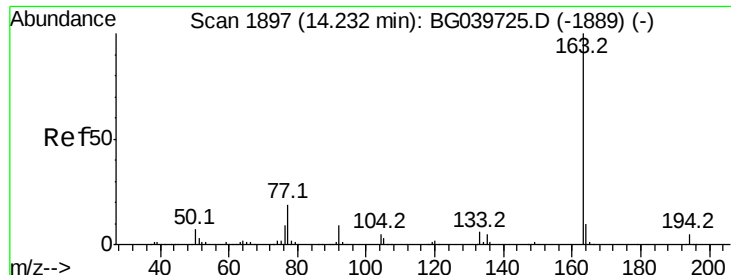
Tot Ion	Ratio	Lower	Upper
154	100		
153	38.8	22.1	62.1
76	0.0	0.0	32.4



#48
 2-Nitroaniline
 Concen: 0.027 ng
 RT: 14.21 min Scan# 1893
 Delta R.T. 0.33 min
 Lab File: BG040091.D
 Acq: 22 Mar 2019 20:15

Tgt Ion	Ratio	Lower	Upper
65	100		
92	393.2	51.4	77.2#
138	0.0	71.4	107.2#





#50

Dimethylphthalate

Concen: 1.358 ng

RT: 14.21 min Scan# 1894

Delta R.T. -0.02 min

Lab File: BG040091.D

Acq: 22 Mar 2019 20:15

Instrument :

BNA_G

ClientSampleId :

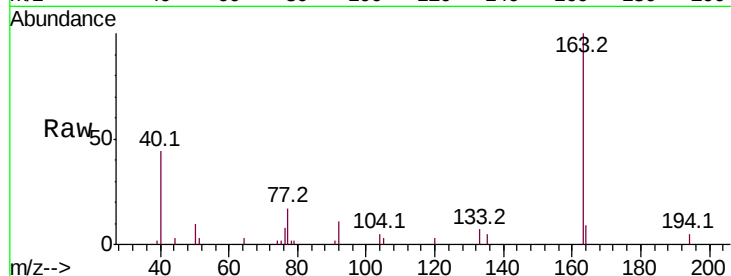
Tot Ion:163 Resp: 15658

Ion Ratio Lower Upper

163 100

194 4.7 3.6 5.4

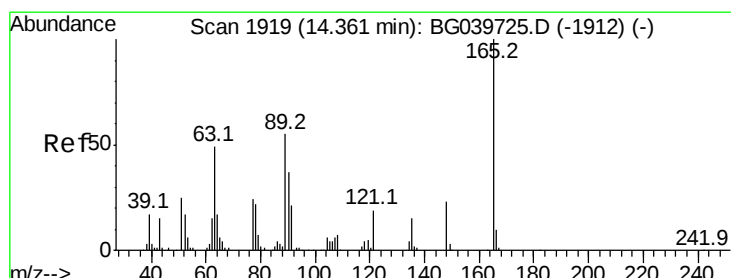
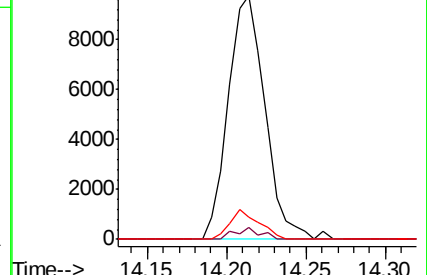
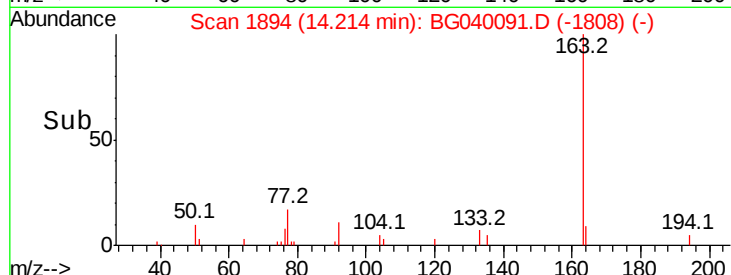
164 9.0 8.4 12.6



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: 7.019 ng

RT: 14.77 min Scan# 1989

Delta R.T. 0.40 min

Lab File: BG040091.D

Acq: 22 Mar 2019 20:15

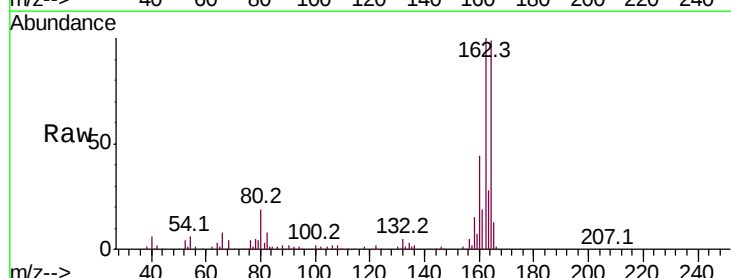
Tgt Ion:165 Resp: 17155

Ion Ratio Lower Upper

165 100

63 0.0 47.0 70.6#

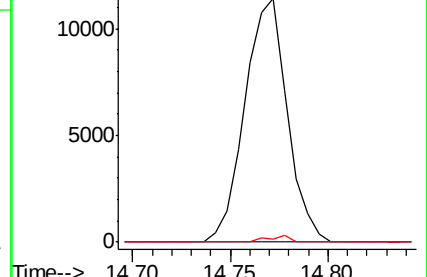
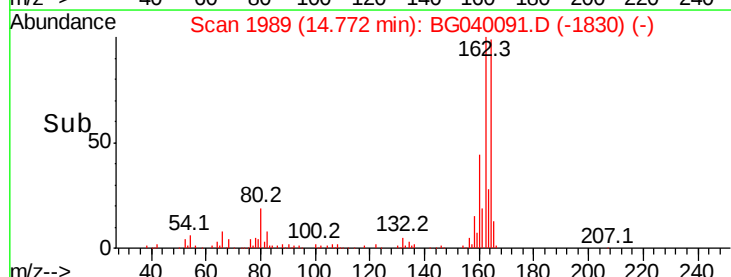
89 1.4 45.8 68.8#

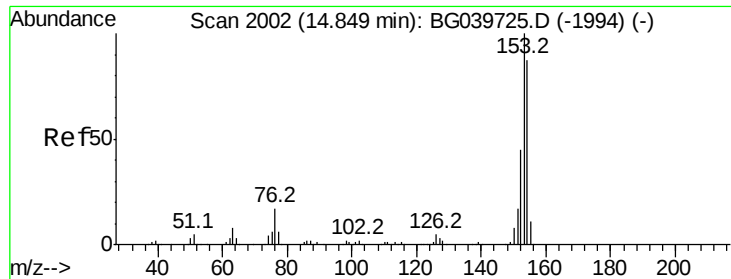


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#52

Acenaphthene

Concen: 0.061 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.08 min

Lab File: BG040091.D

Acq: 22 Mar 2019 20:15

Instrument :

BNA_G

ClientSampleId :

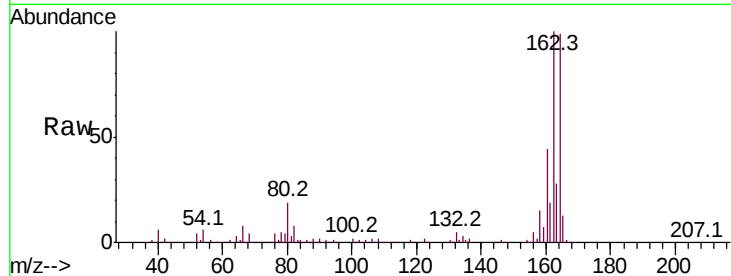
Tot Ion:154 Resp: 518

Ion Ratio Lower Upper

154 100

153 0.0 90.1 135.1#

152 0.0 40.9 61.3#



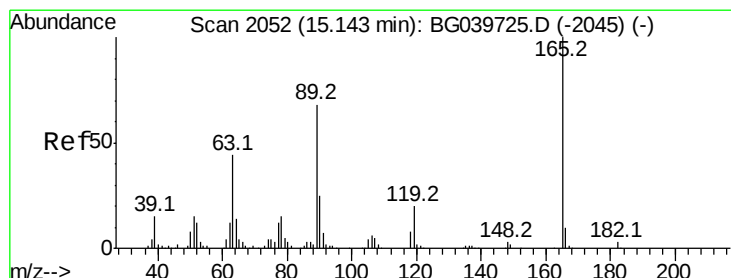
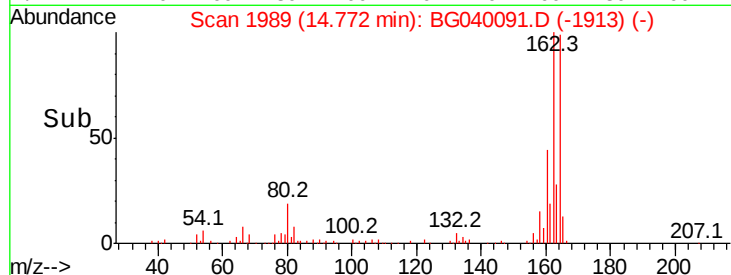
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

14.77

Time-->



#57

2,4-Dinitrotoluene

Concen: 4.996 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.38 min

Lab File: BG040091.D

Acq: 22 Mar 2019 20:15

Tgt Ion:165 Resp: 17155

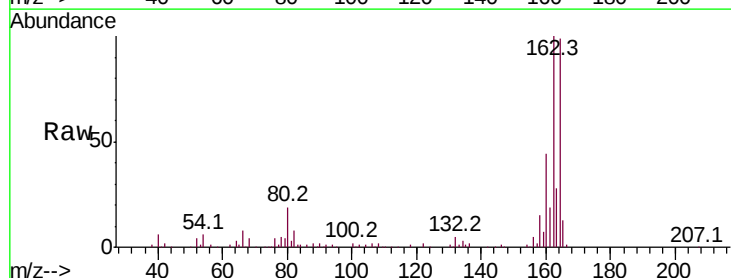
Ion Ratio Lower Upper

165 100

63 0.0 41.0 61.6#

89 1.4 64.6 96.8#

182 0.0 2.0 3.0#



Abundance Ion 165.00 (164.70 to 165.70): E

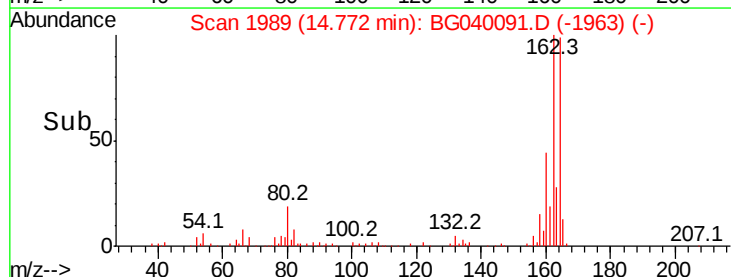
Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

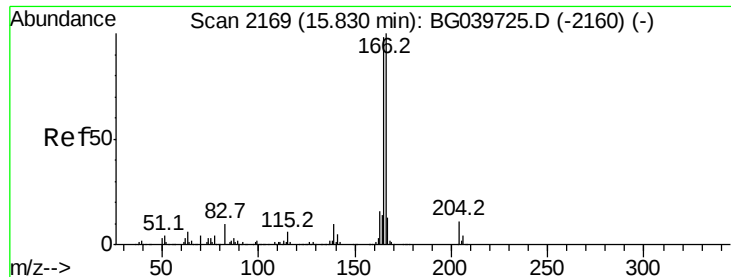
Ion 182.00 (181.70 to 182.70): E

14.77

Time-->



Time-->



#58

Fluorene

Concen: 0.466 ng

RT: 16.26 min Scan# 2242

Delta R.T. 0.42 min

Lab File: BG040091.D

Acq: 22 Mar 2019 20:15

Instrument :

BNA_G

ClientSampleId :

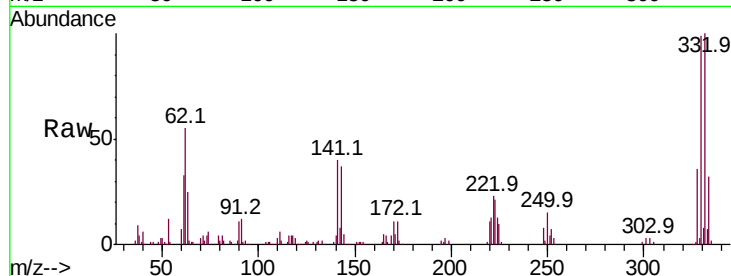
Tot Ion:166 Resp: 5066

Ion Ratio Lower Upper

166 100

165 122.1 77.9 116.9#

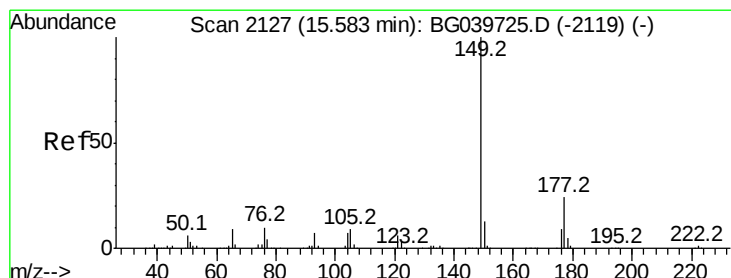
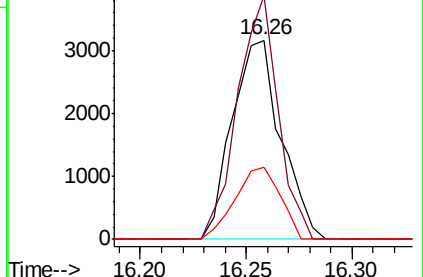
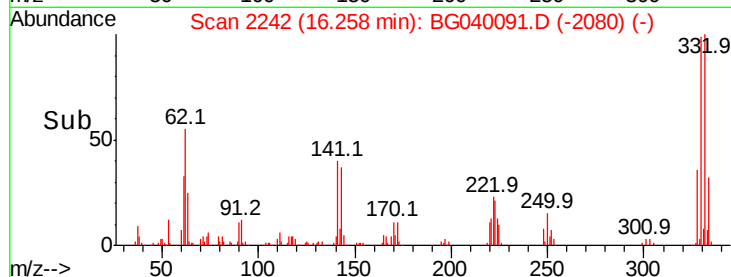
167 36.4 10.8 16.2#



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: 0.021 ng

RT: 15.55 min Scan# 2122

Delta R.T. -0.04 min

Lab File: BG040091.D

Acq: 22 Mar 2019 20:15

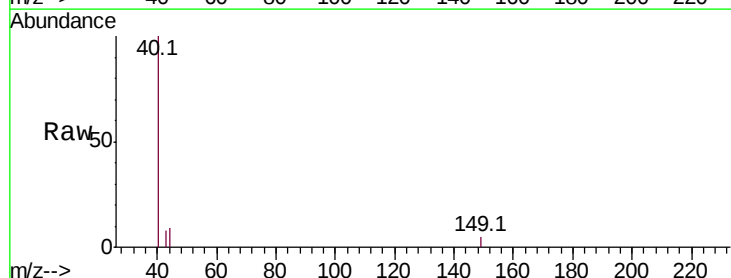
Tgt Ion:149 Resp: 242

Ion Ratio Lower Upper

149 100

177 0.0 18.3 27.5#

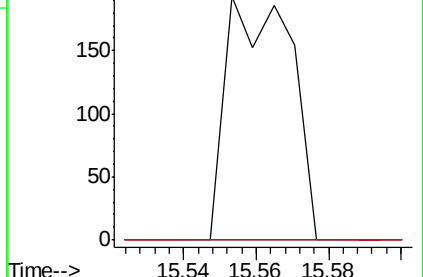
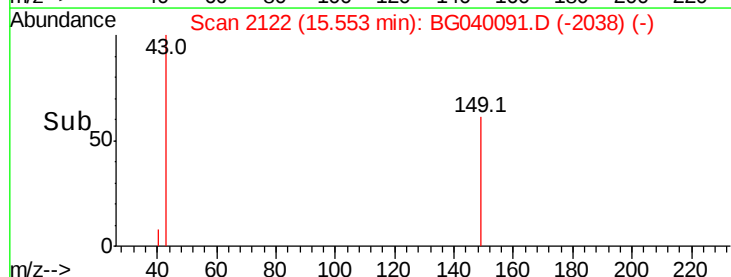
150 0.0 10.2 15.2#

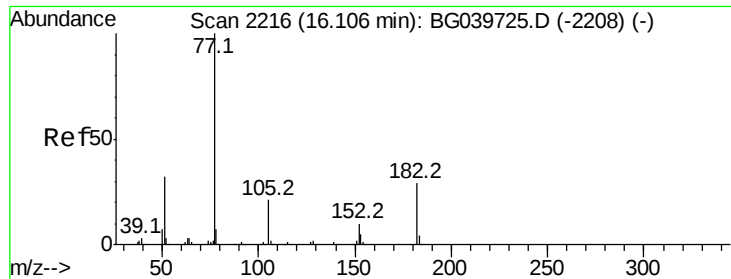


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

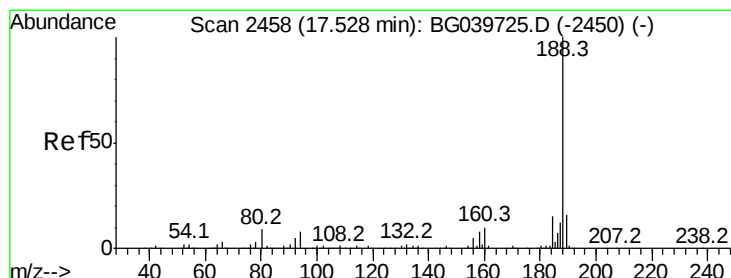
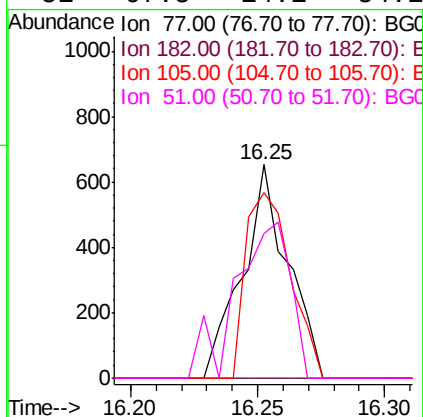
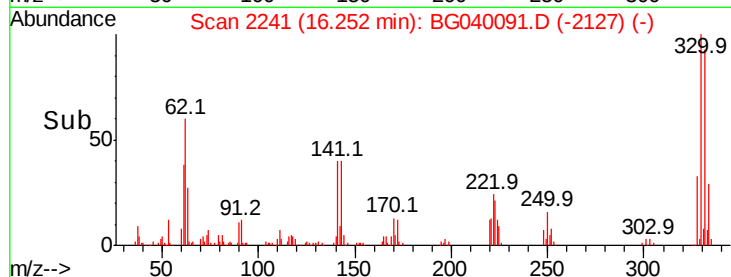
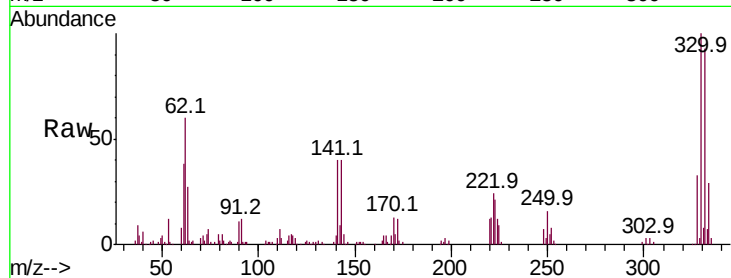




#63
Azobenzene
Concen: 0.079 ng
RT: 16.25 min Scan# 2241
Delta R.T. 0.14 min
Lab File: BG040091.D
Acq: 22 Mar 2019 20:15

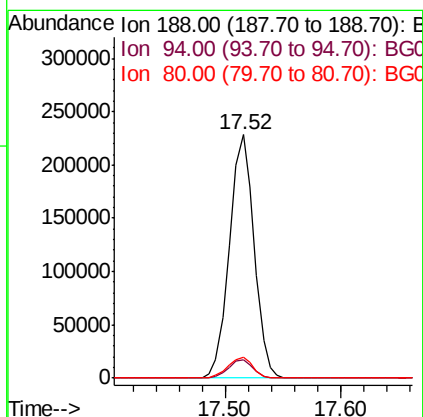
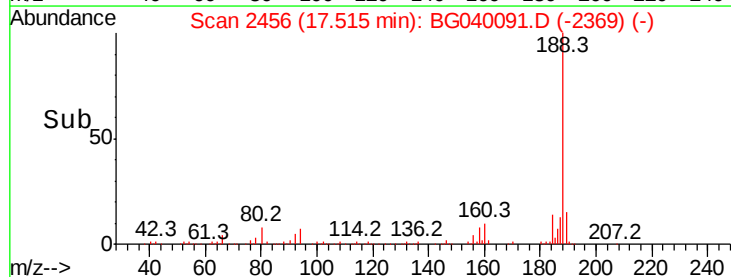
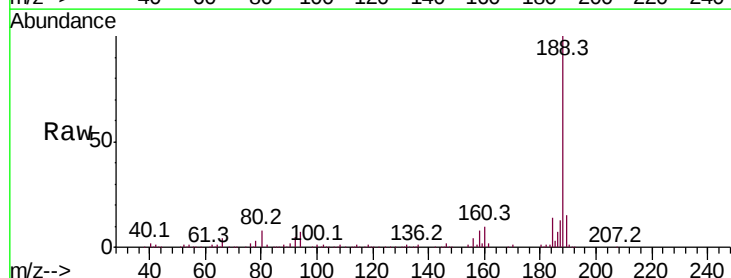
Instrument :
BNA_G
ClientSampleId :

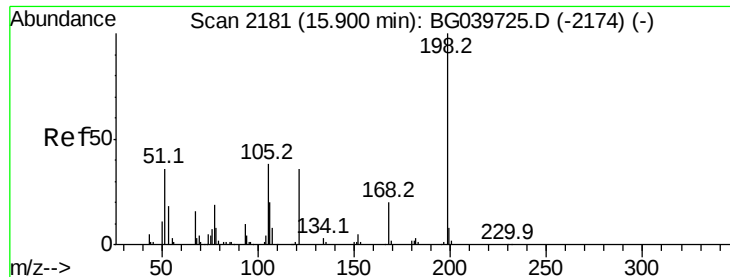
Tot Ion: 77 Resp: 818
Ion Ratio Lower Upper
77 100
182 0.0 6.4 46.4#
105 87.0 0.0 39.8#
51 67.5 14.1 54.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG040091.D
Acq: 22 Mar 2019 20:15

Tgt Ion: 188 Resp: 338093
Ion Ratio Lower Upper
188 100
94 7.4 6.9 10.3
80 8.5 8.1 12.1

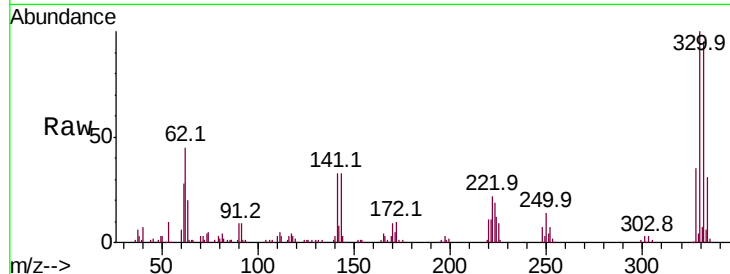




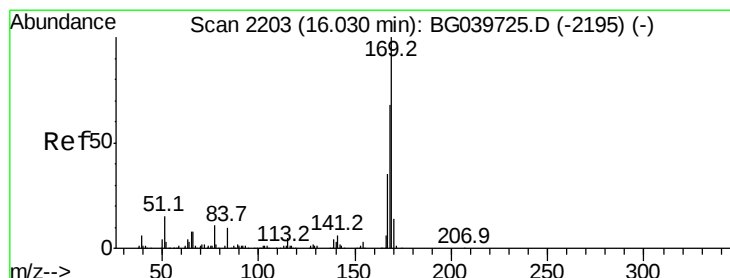
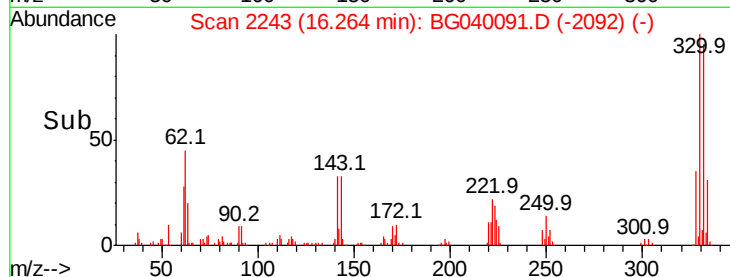
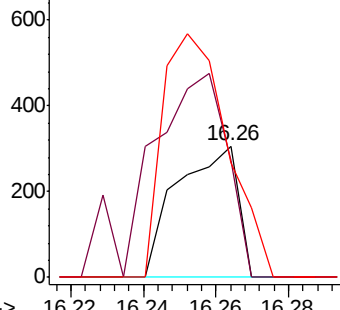
#65
 4,6-Dinitro-2-methylphenol
 Concen: 0.178 ng
 RT: 16.26 min Scan# 2243
 Delta R.T. 0.36 min
 Lab File: BG040091.D
 Acq: 22 Mar 2019 20:15

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
198	100		
51	89.2	27.4	67.4#
105	87.3	19.7	59.7#

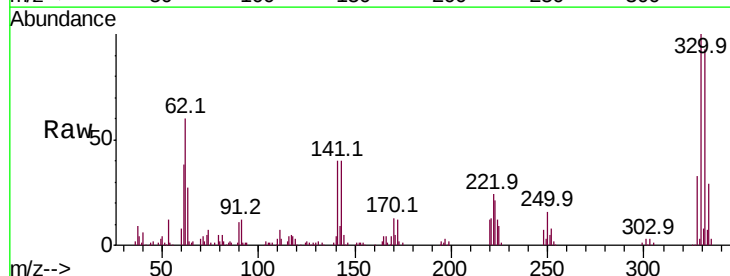


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

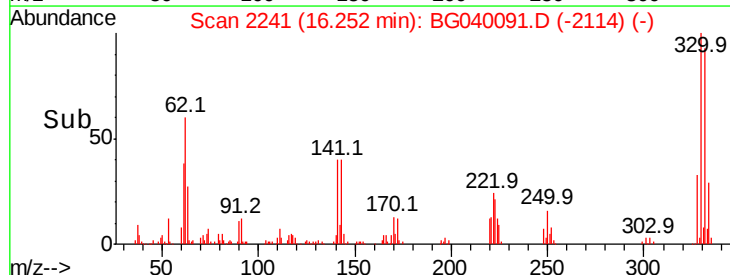
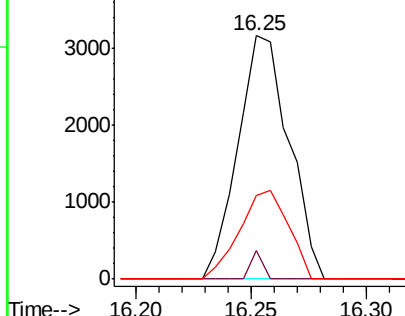


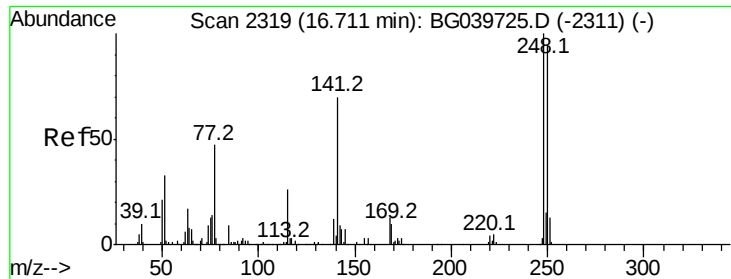
#66
 n-Nitrosodiphenylamine
 Concen: 0.496 ng
 RT: 16.25 min Scan# 2241
 Delta R.T. 0.22 min
 Lab File: BG040091.D
 Acq: 22 Mar 2019 20:15

Tgt Ion	Ratio	Lower	Upper
169	100		
168	11.8	56.6	85.0#
167	34.5	28.8	43.2



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

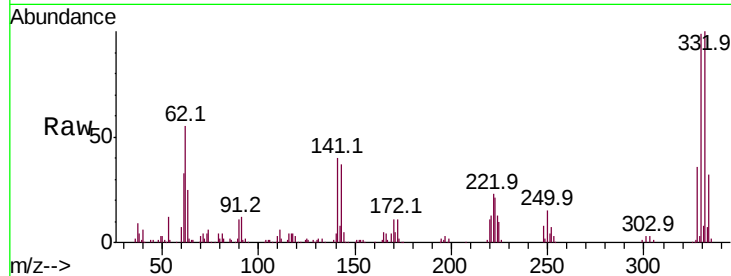




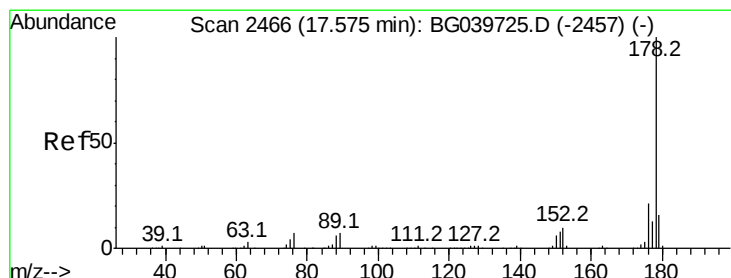
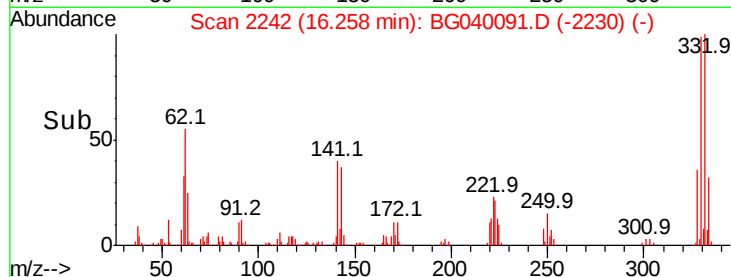
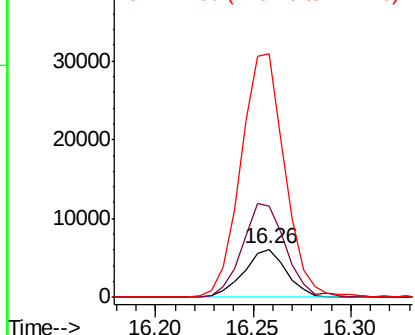
#67
 4-Bromophenyl-phenylether
 Concen: 2.413 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. -0.46 min
 Lab File: BG040091.D
 Acq: 22 Mar 2019 20:15

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 9132
 Ion Ratio Lower Upper
 248 100
 250 189.9 77.6 116.4#
 141 506.9 63.9 95.9#

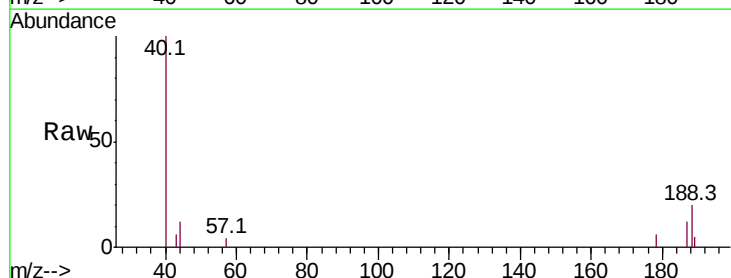


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

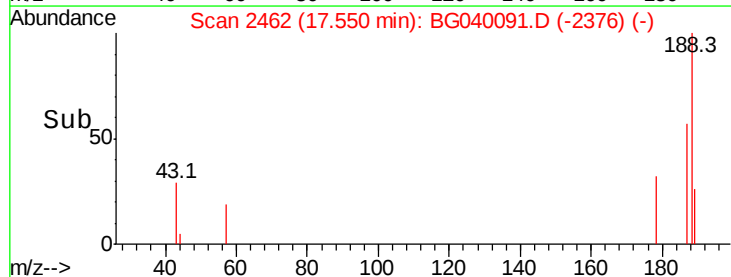
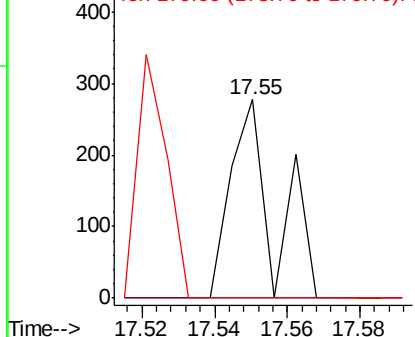


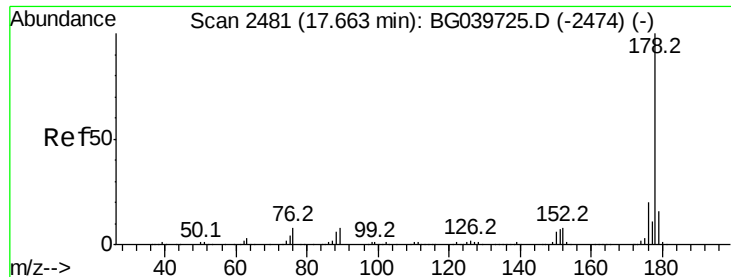
#71
 Phenanthrene
 Concen: 0.013 ng
 RT: 17.55 min Scan# 2462
 Delta R.T. -0.02 min
 Lab File: BG040091.D
 Acq: 22 Mar 2019 20:15

Tgt Ion:178 Resp: 234
 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: 0.013 ng

RT: 17.55 min Scan# 2462

Delta R.T. -0.12 min

Lab File: BG040091.D

Acq: 22 Mar 2019 20:15

Instrument :

BNA_G

ClientSampled :

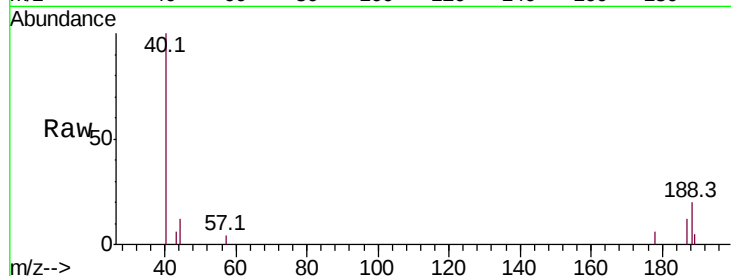
Tot Ion:178 Resp: 234

Ion Ratio Lower Upper

178 100

176 0.0 15.8 23.6#

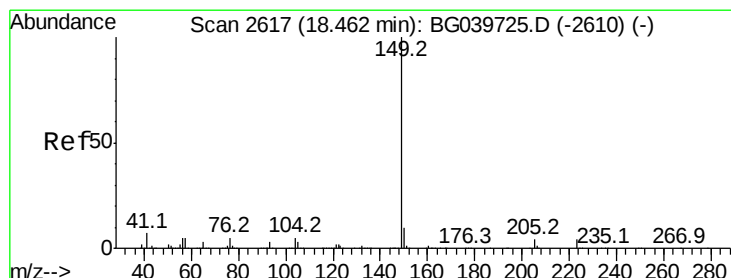
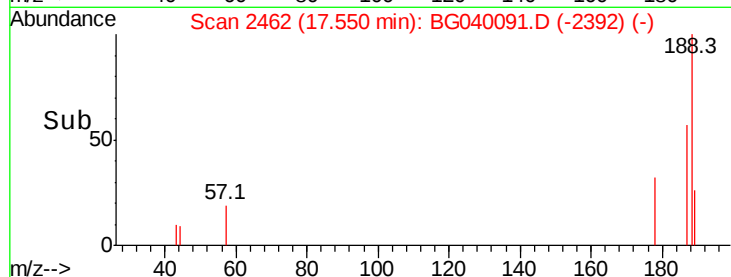
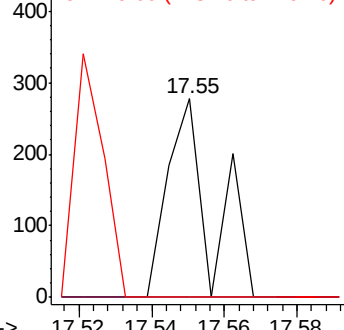
179 0.0 12.5 18.7#



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: 0.016 ng

RT: 18.44 min Scan# 2614

Delta R.T. -0.02 min

Lab File: BG040091.D

Acq: 22 Mar 2019 20:15

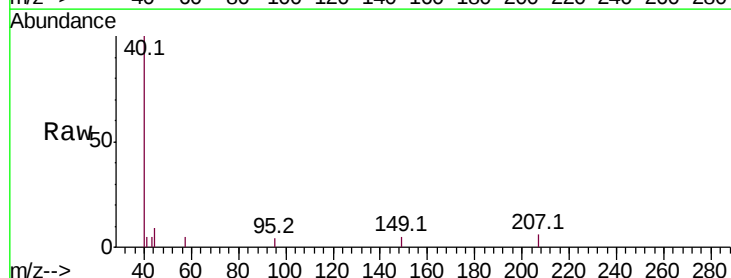
Tgt Ion:149 Resp: 299

Ion Ratio Lower Upper

149 100

150 0.0 7.7 11.5#

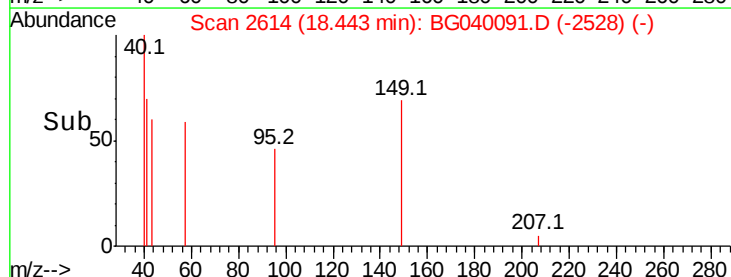
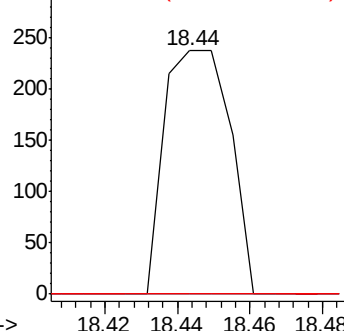
104 0.0 4.5 6.7#

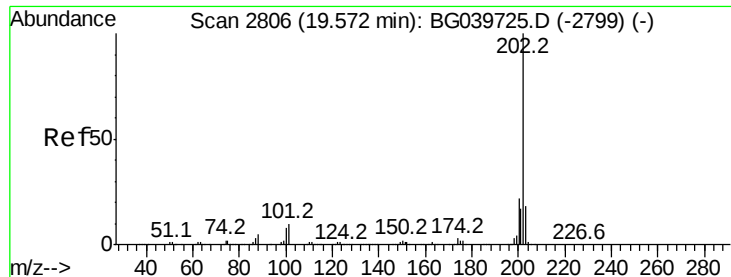


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 0.002 ng

RT: 19.58 min Scan# 2807

Delta R.T. -0.00 min

Lab File: BG040091.D

Acq: 22 Mar 2019 20:15

Instrument :

BNA_G

ClientSampleId :

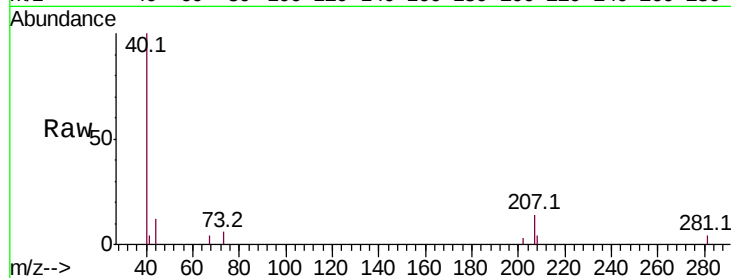
Tot Ion:202 Resp: 53

Ion Ratio Lower Upper

202 100

101 0.0 0.0 30.0

203 0.0 0.0 38.9

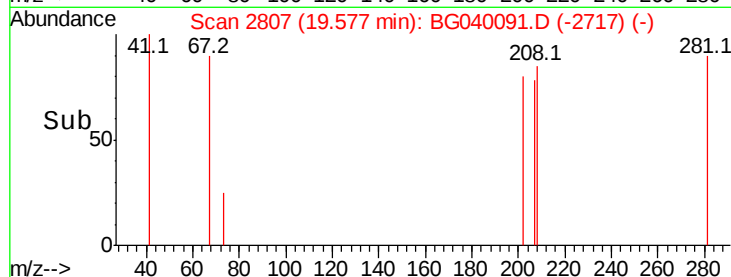


Abundance Ion 202.00 (201.70 to 202.70): E

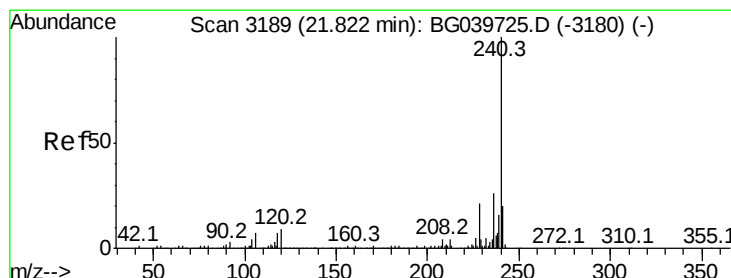
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

19.58



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3186

Delta R.T. -0.02 min

Lab File: BG040091.D

Acq: 22 Mar 2019 20:15

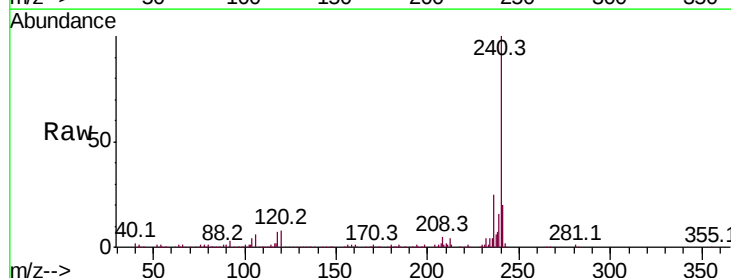
Tgt Ion:240 Resp: 330889

Ion Ratio Lower Upper

240 100

120 8.3 7.0 10.6

236 25.3 21.0 31.4

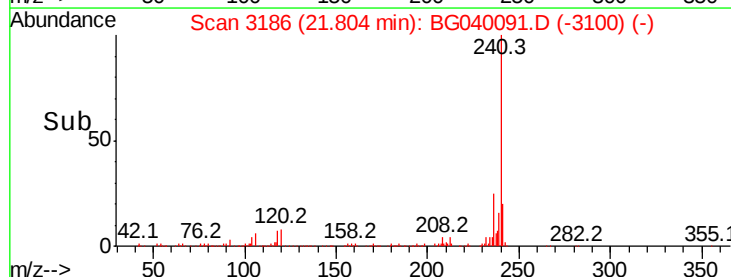


Abundance Ion 240.00 (239.70 to 240.70): E

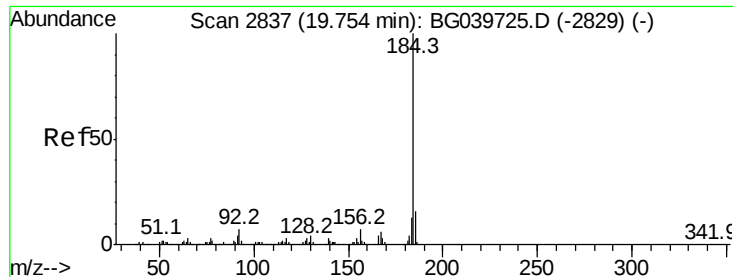
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.80



Time-->



#77

Benzidine

Concen: 1.464 ng

RT: 20.11 min Scan# 2897

Delta R.T. 0.35 min

Lab File: BG040091.D

Acq: 22 Mar 2019 20:15

Instrument :

BNA_G

ClientSampleId :

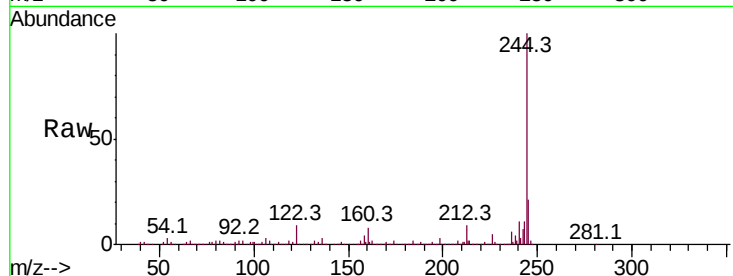
Tot Ion:184 Resp: 15373

Ion Ratio Lower Upper

184 100

185 14.9 12.2 18.2

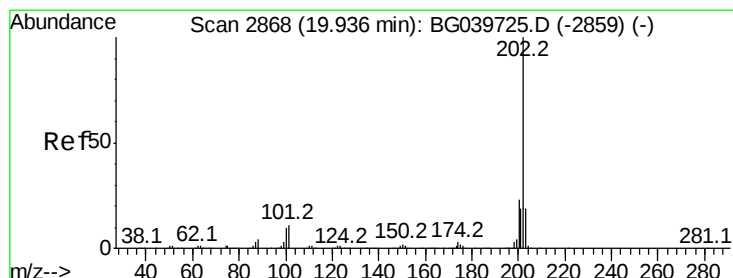
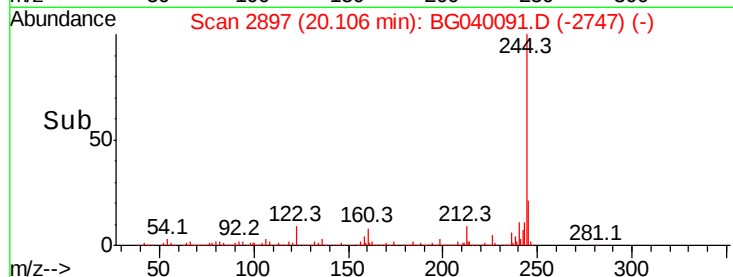
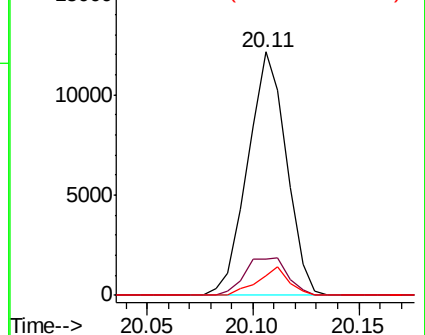
183 8.2 10.6 15.8#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 0.174 ng

RT: 20.11 min Scan# 2897

Delta R.T. 0.16 min

Lab File: BG040091.D

Acq: 22 Mar 2019 20:15

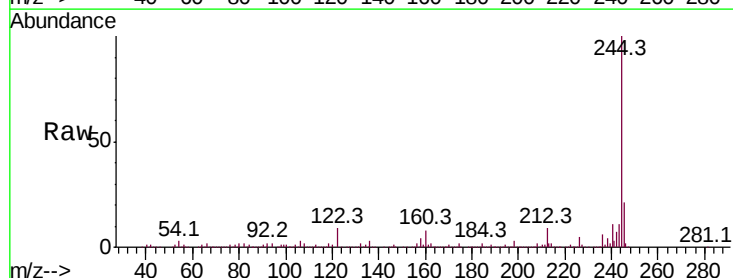
Tgt Ion:202 Resp: 3748

Ion Ratio Lower Upper

202 100

200 41.8 17.8 26.8#

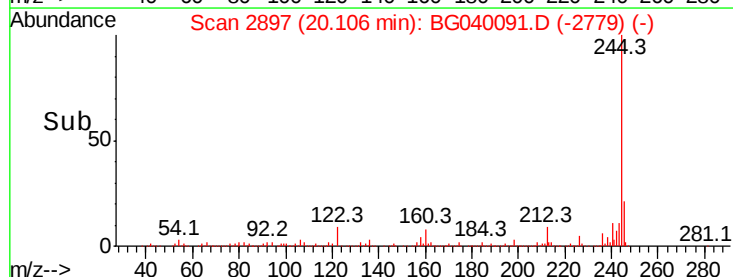
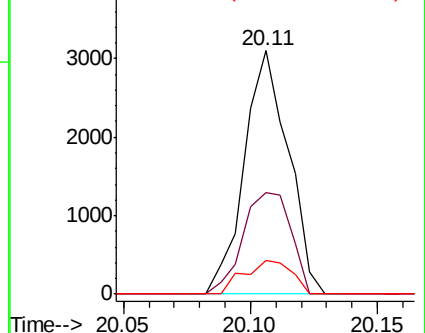
203 14.1 15.3 22.9#

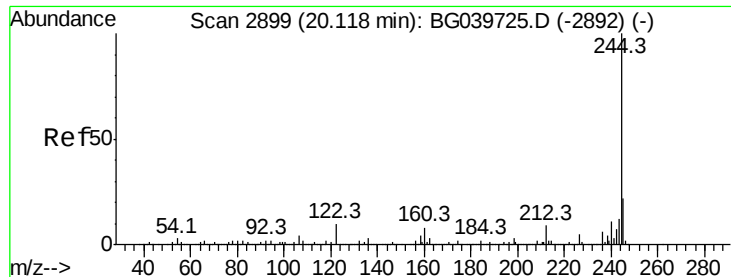


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 61.660 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040091.D

Acq: 22 Mar 2019 20:15

Instrument :

BNA_G

ClientSampled :

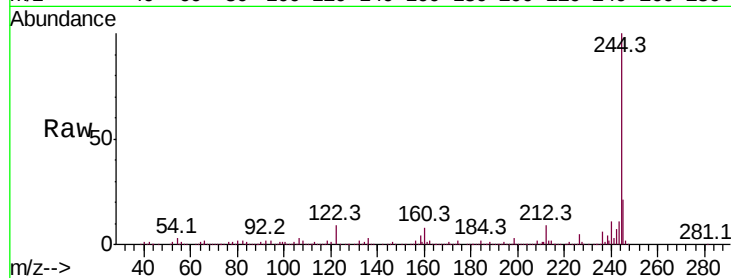
Tot Ion:244 Resp: 926632

Ion Ratio Lower Upper

244 100

212 8.8 7.3 10.9

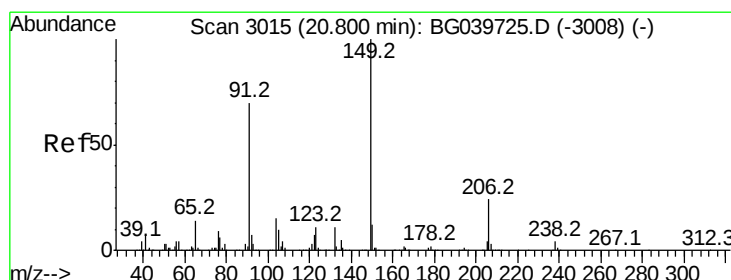
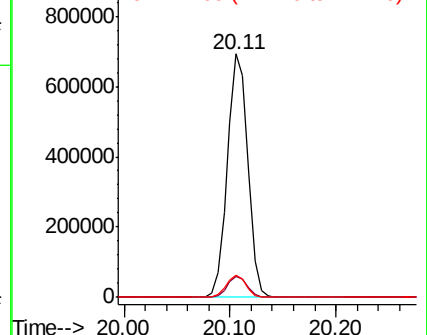
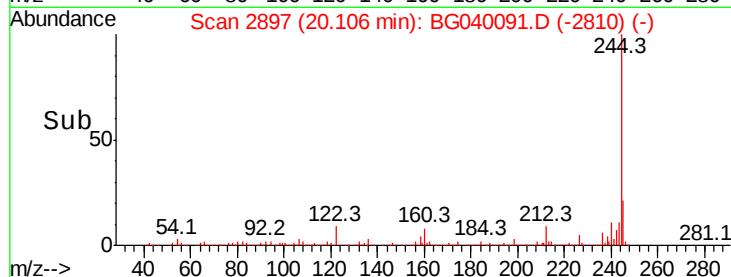
122 9.2 8.4 12.6



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: 0.007 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.11 min

Lab File: BG040091.D

Acq: 22 Mar 2019 20:15

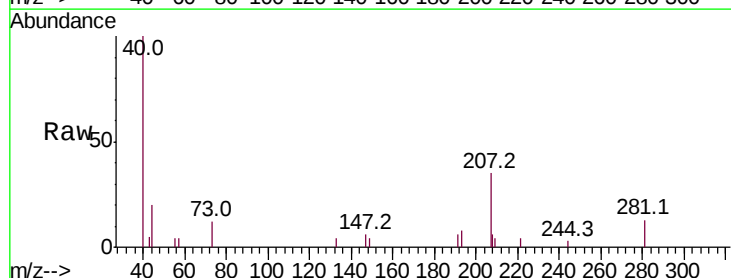
Tgt Ion:149 Resp: 61

Ion Ratio Lower Upper

149 100

91 0.0 59.5 89.3#

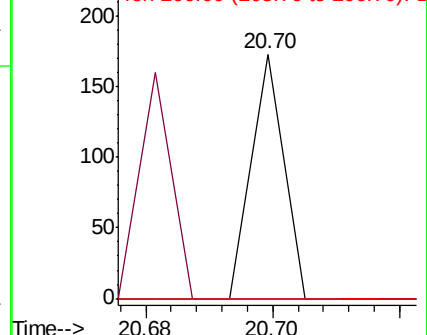
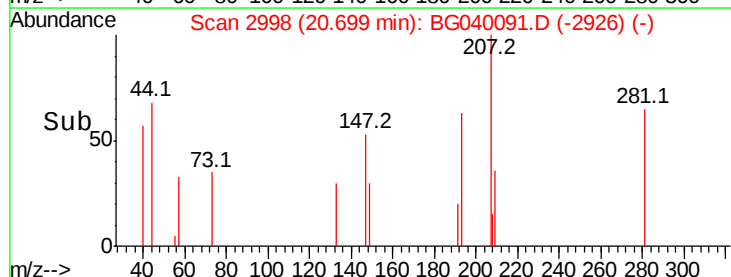
206 0.0 18.6 27.8#

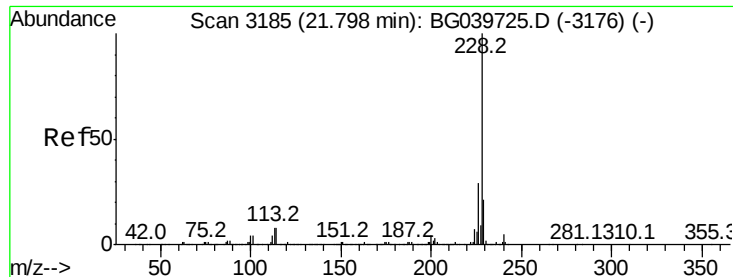


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.047 ng

RT: 21.81 min Scan# 3187

Delta R.T. 0.00 min

Lab File: BG040091.D

Acq: 22 Mar 2019 20:15

Instrument :

BNA_G

ClientSampleId :

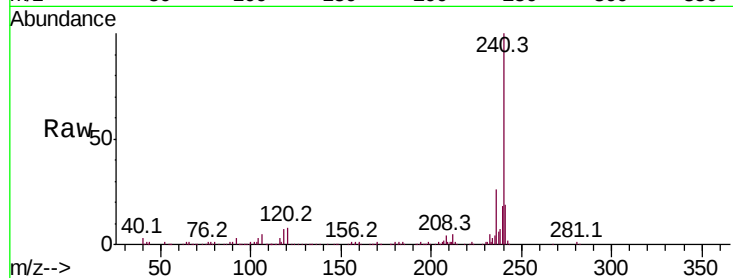
Tot Ion:228 Resp: 984

Ion Ratio Lower Upper

228 100

226 0.0 23.0 34.6#

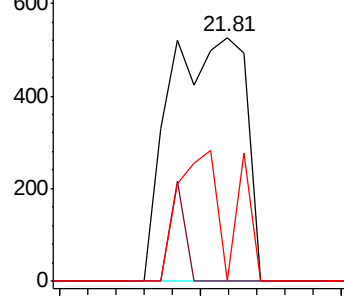
229 0.0 16.9 25.3#



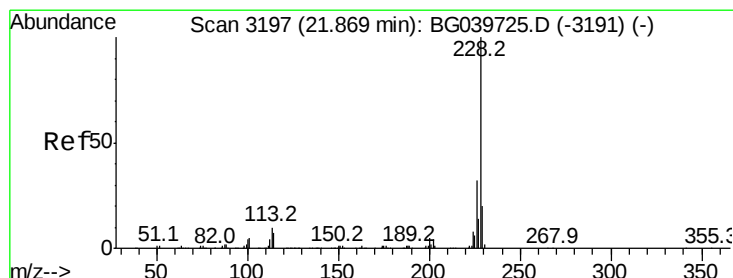
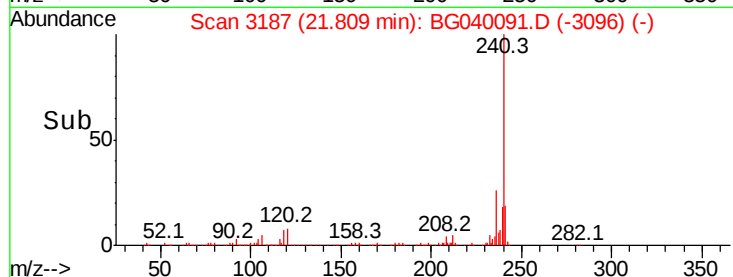
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time--> 21.75 21.80



#83

Chrysene

Concen: 0.049 ng

RT: 21.81 min Scan# 3187

Delta R.T. -0.07 min

Lab File: BG040091.D

Acq: 22 Mar 2019 20:15

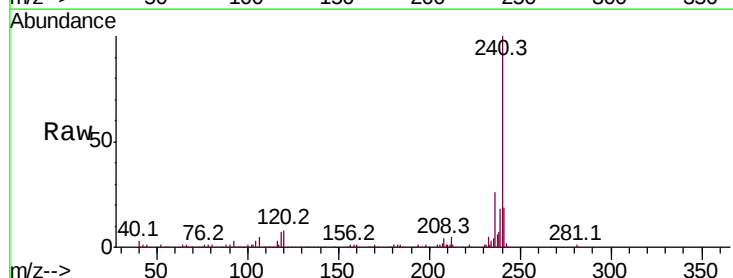
Tgt Ion:228 Resp: 984

Ion Ratio Lower Upper

228 100

226 0.0 25.8 38.6#

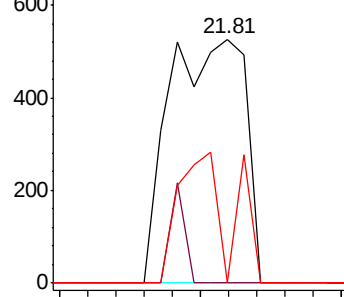
229 0.0 16.6 25.0#



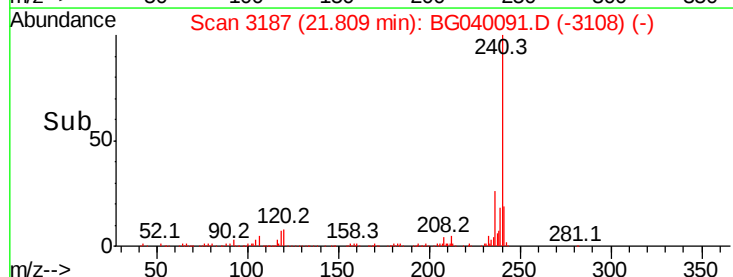
Abundance Ion 228.00 (227.70 to 228.70): E

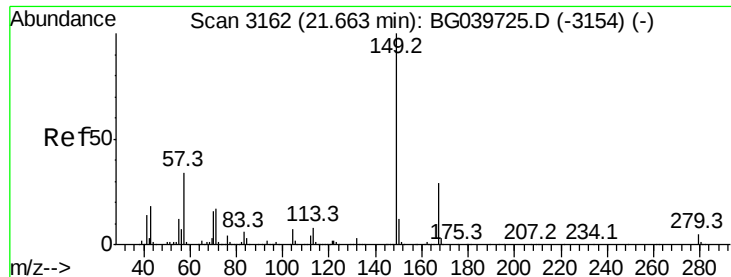
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time--> 21.75 21.80

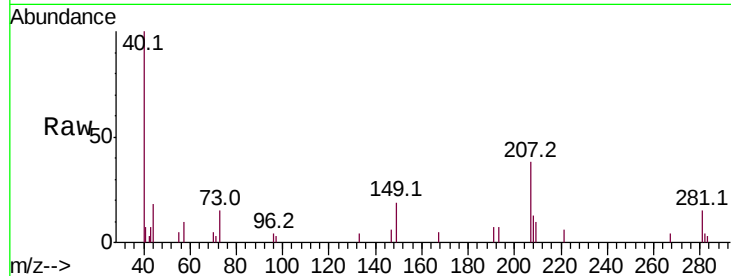




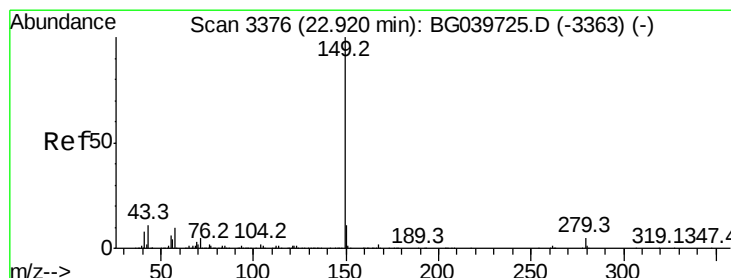
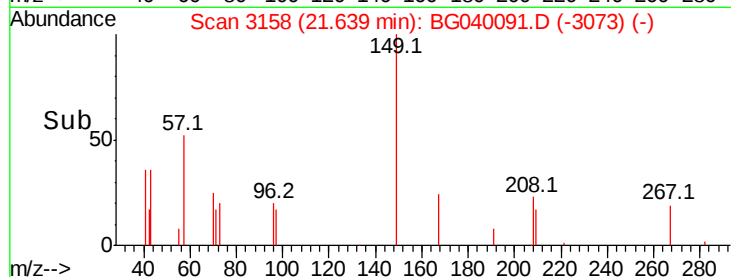
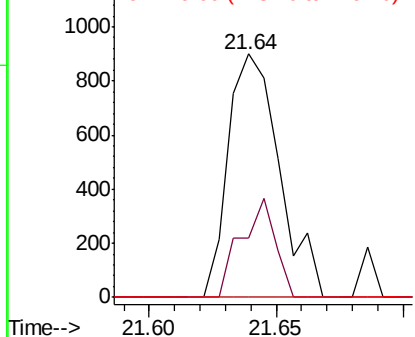
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.108 ng
 RT: 21.64 min Scan# 3158
 Delta R.T. -0.03 min
 Lab File: BG040091.D
 Acq: 22 Mar 2019 20:15

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:149 Resp: 1262
 Ion Ratio Lower Upper
 149 100
 167 24.3 22.6 34.0
 279 0.0 3.5 5.3#

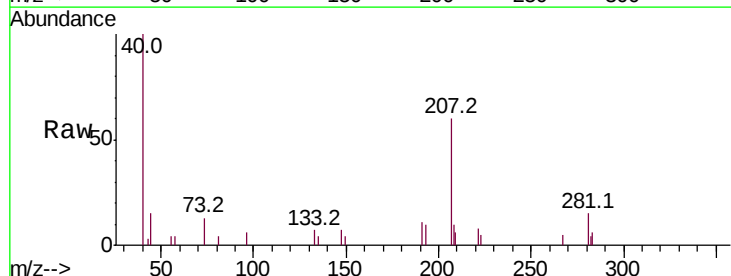


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

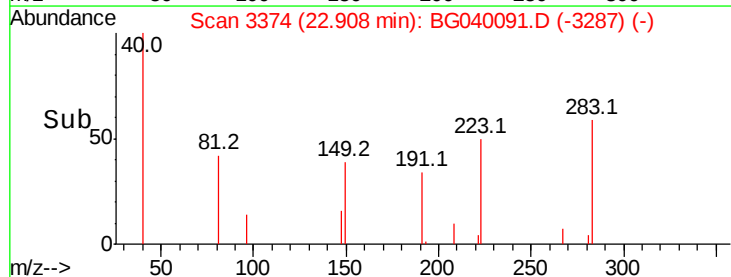
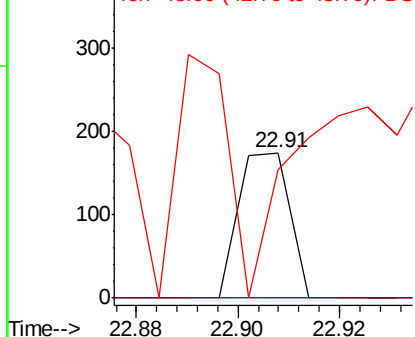


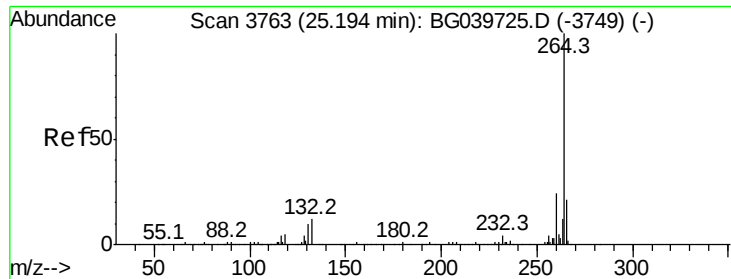
#85
 Di-n-octyl phthalate
 Concen: 0.006 ng
 RT: 22.91 min Scan# 3374
 Delta R.T. -0.02 min
 Lab File: BG040091.D
 Acq: 22 Mar 2019 20:15

Tgt Ion:149 Resp: 122
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.3 1.9#
 43 163.1 10.2 15.4#



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.16 min Scan# 3758

Delta R.T. -0.04 min

Lab File: BG040091.D

Acq: 22 Mar 2019 20:15

Instrument :

BNA_G

ClientSampleId :

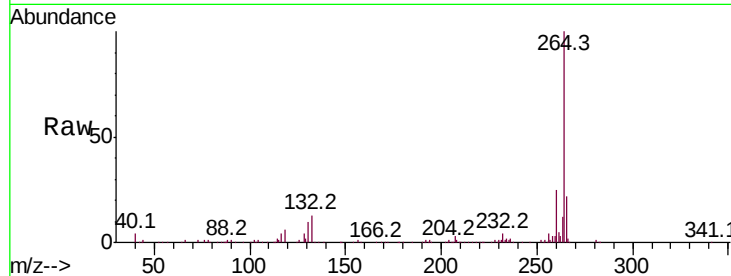
Tot Ion:264 Resp: 326060

Ion Ratio Lower Upper

264 100

260 24.9 18.2 27.4

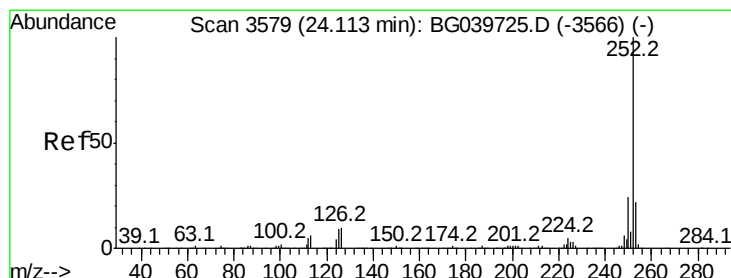
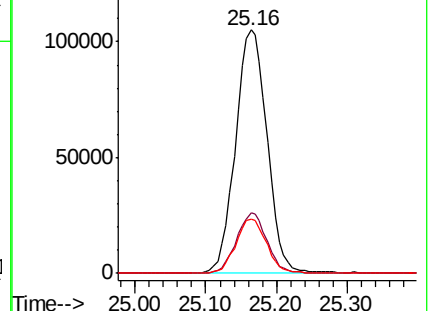
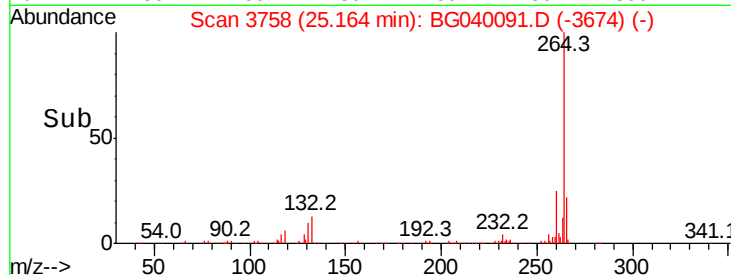
265 22.5 18.5 27.7



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: 24.09 min Scan# 3576

Delta R.T. -0.02 min

Lab File: BG040091.D

Acq: 22 Mar 2019 20:15

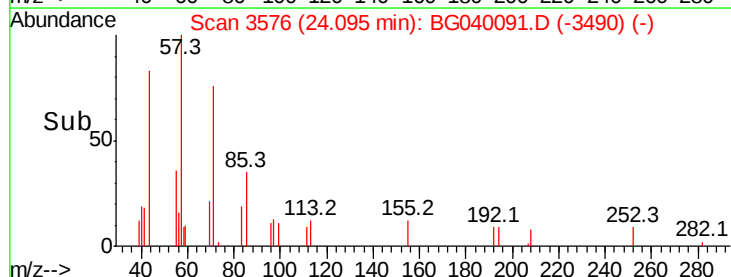
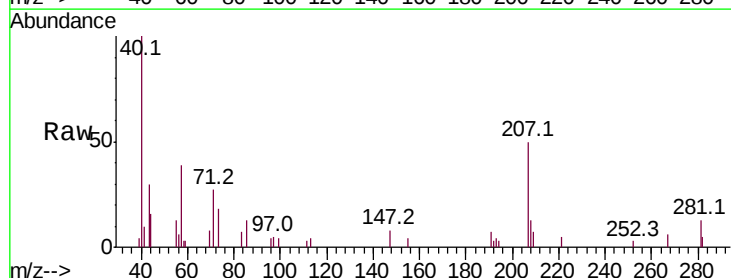
Tgt Ion:252 Resp: 55

Ion Ratio Lower Upper

252 100

253 0.0 17.8 26.8#

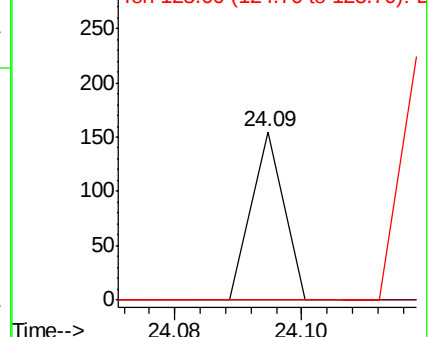
125 0.0 7.8 11.6#

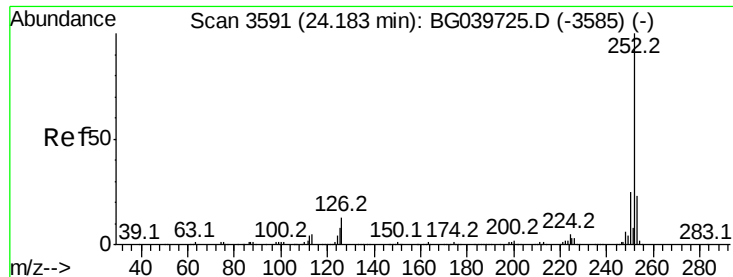


Abundance Ion 252.00 (251.70 to 252.70): E

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: 24.09 min Scan# 3576

Delta R.T. -0.10 min

Lab File: BG040091.D

Acq: 22 Mar 2019 20:15

Instrument :

BNA_G

ClientSampleId :

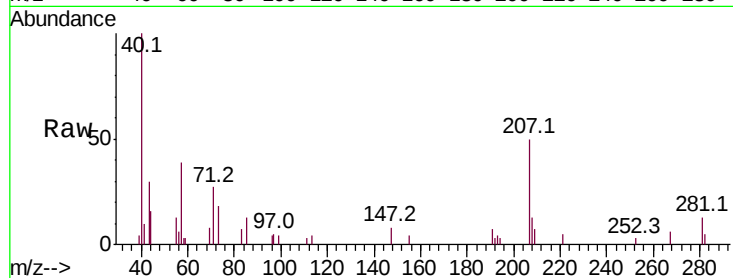
Tot Ion:252 Resp: 55

Ion Ratio Lower Upper

252 100

253 0.0 18.2 27.2#

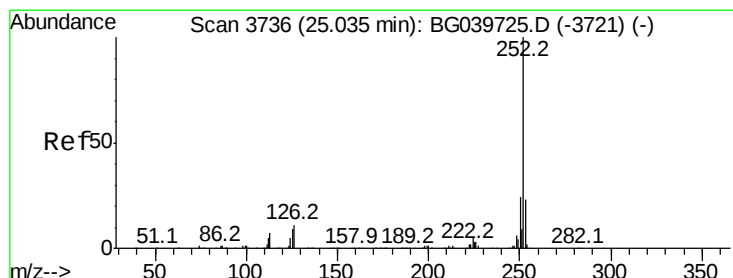
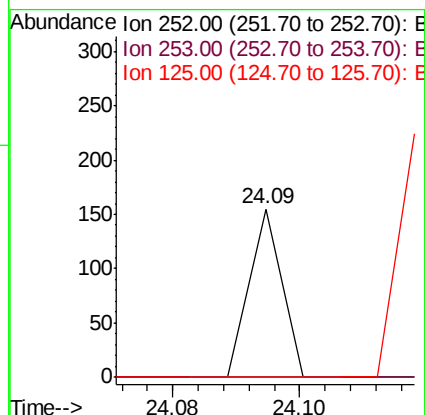
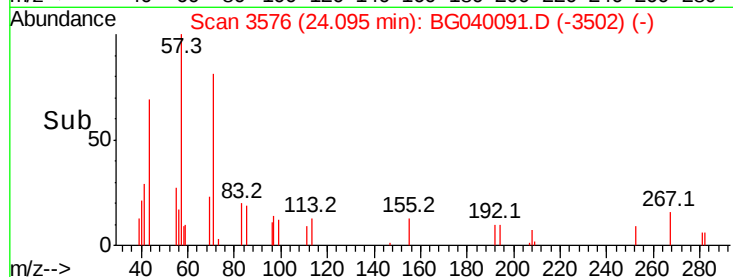
125 0.0 7.4 11.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 0.078 ng

RT: 25.17 min Scan# 3759

Delta R.T. 0.13 min

Lab File: BG040091.D

Acq: 22 Mar 2019 20:15

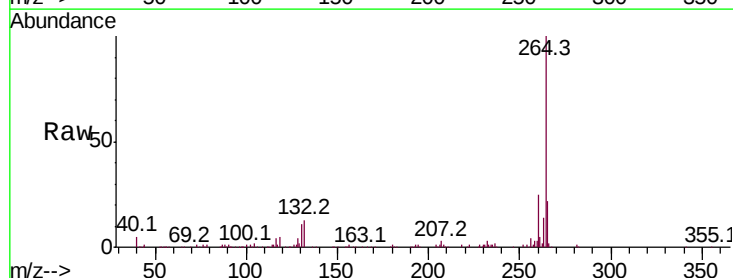
Tgt Ion:252 Resp: 1393

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

