

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032219\
 Data File : BG040090.D
 Acq On : 22 Mar 2019 19:35
 Operator : JU/SJ
 Sample : K2032-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 23 02:08:38 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	51432	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	200294	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	118048	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	261977	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	292857	20.00	ng	-0.02
87) Perylene-d12	25.16	264	290887	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.69	112	113662	37.70	ng	-0.02
7) Phenol-d6	7.29	99	93756	20.86	ng	-0.02
23) Nitrobenzene-d5	9.32	82	302677	81.73	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	103145	74.96	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	682514	82.32	ng	-0.02
79) Terphenyl-d14	20.11	244	880808	66.22	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.27	88	5623	4.040	ng	# 1
4) n-Nitrosodimethylamine	3.89	42	93	0.053	ng	# 1
6) Aniline	7.68	93	322	0.055	ng	# 1
9) Benzaldehyde	7.28	77	59	0.020	ng	# 4
10) Phenol	7.32	94	3470	0.713	ng	93
11) bis(2-Chloroethyl)ether	7.68	93	322	0.085	ng	# 1
15) Benzyl Alcohol	8.47	79	4197	1.177	ng	# 44
19) n-Nitroso-di-n-propylamine	9.32	70	39597	12.238	ng	# 70
24) Nitrobenzene	9.32	77	1082	0.278	ng	# 44
46) 1,1'-Biphenyl	13.60	154	998	0.103	ng	# 71
48) 2-Nitroaniline	14.21	65	128	0.055	ng	# 1
50) Dimethylphthalate	14.21	163	18006	1.824	ng	96
51) 2,6-Dinitrotoluene	14.77	165	15370	7.345	ng	# 22
52) Acenaphthene	14.77	154	508	0.070	ng	# 5
57) 2,4-Dinitrotoluene	14.77	165	15370	5.227	ng	# 17
58) Fluorene	16.26	166	4354	0.468	ng	# 79
60) Diethylphthalate	15.57	149	181	0.019	ng	# 58
63) Azobenzene	16.25	77	513	0.058	ng	# 1
65) 4,6-Dinitro-2-methylphenol	16.26	198	358	0.231	ng	# 57
66) n-Nitrosodiphenylamine	16.25	169	4118	0.543	ng	# 48
67) 4-Bromophenyl-phenylether	16.25	248	8151	2.780	ng	# 1
70) Pentachlorophenol	17.48	266	57	0.030	ng	# 18
71) Phenanthrene	17.56	178	228	0.016	ng	# 59
72) Anthracene	17.56	178	228	0.016	ng	# 60
74) Di-n-butylphthalate	18.45	149	259	0.017	ng	# 77
75) Fluoranthene	19.57	202	118	0.007	ng	63
77) Benzidine	20.11	184	14584	1.569	ng	# 92
78) Pyrene	20.11	202	3524	0.185	ng	# 62
80) Butylbenzylphthalate	20.73	149	62	0.008	ng	# 22
81) Benzo(a)anthracene	21.80	228	941	0.051	ng	# 50
83) Chrysene	21.80	228	941	0.053	ng	# 48
84) Bis(2-ethylhexyl)phthalate	21.65	149	1213	0.117	ng	# 78
85) Di-n-octyl phthalate	22.92	149	63	0.004	ng	# 71
90) Benzo(a)pyrene	25.16	252	734	0.046	ng	# 47

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032219\
Data File : BG040090.D
Acq On : 22 Mar 2019 19:35
Operator : JU/SJ
Sample : K2032-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 23 02:08:38 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

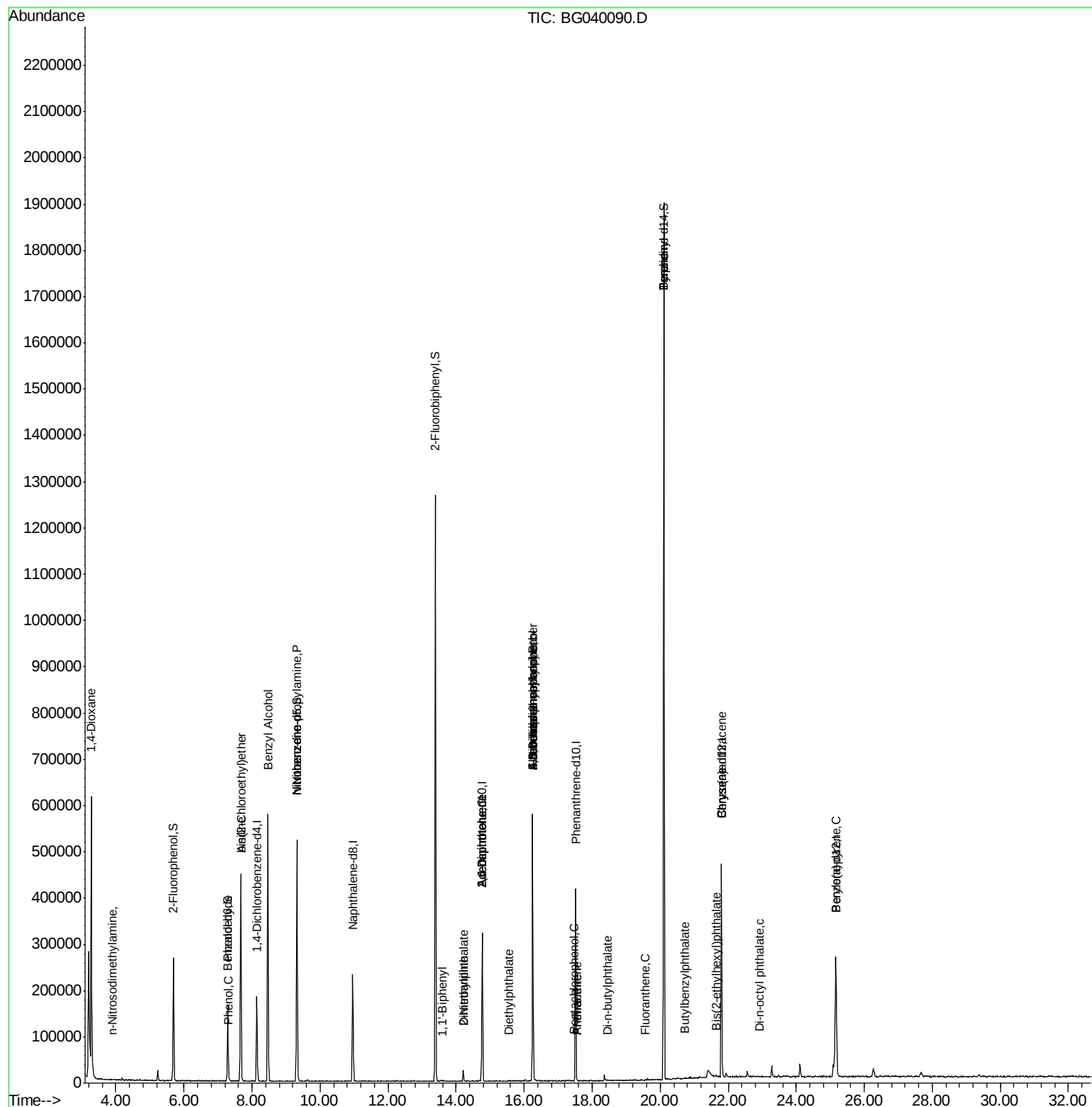
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

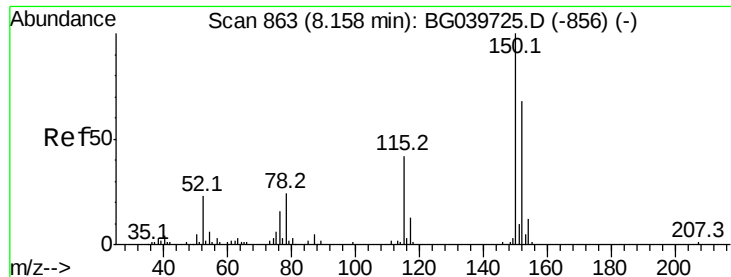
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032219\
Data File : BG040090.D
Acq On : 22 Mar 2019 19:35
Operator : JU/SJ
Sample : K2032-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 23 02:08:38 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.15 min Scan# 861

Delta R.T. -0.02 min

Lab File: BG040090.D

Acq: 22 Mar 2019 19:35

Instrument :

BNA_G

ClientSampleId :

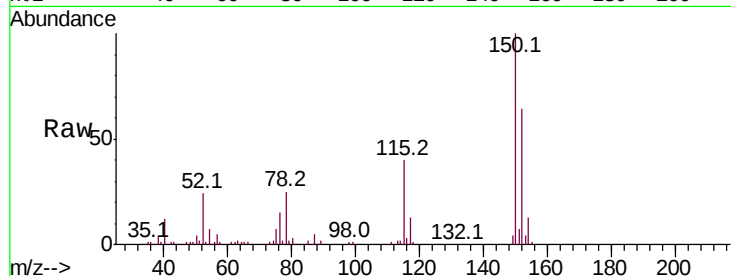
Tot Ion:152 Resp: 51432

Ion Ratio Lower Upper

152 100

150 155.2 123.7 185.5

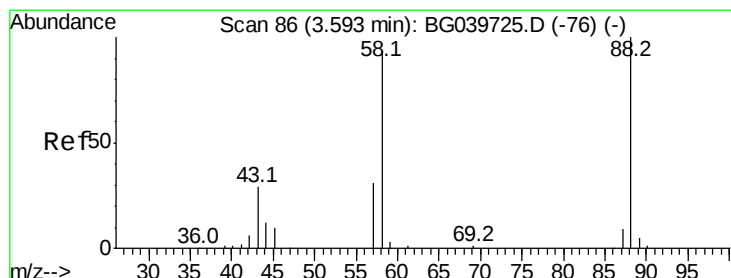
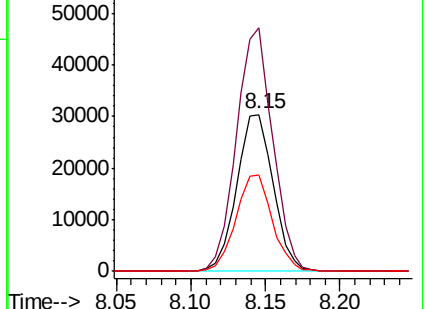
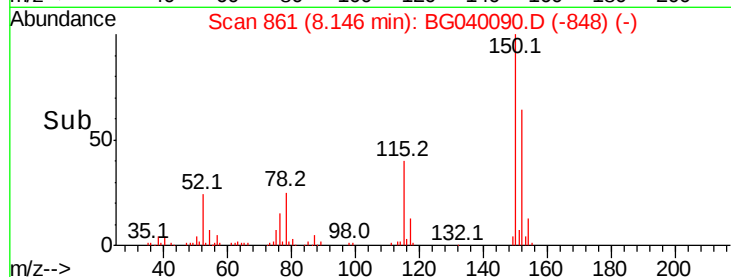
115 61.5 45.9 68.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 4.040 ng

RT: 3.27 min Scan# 31

Delta R.T. -0.34 min

Lab File: BG040090.D

Acq: 22 Mar 2019 19:35

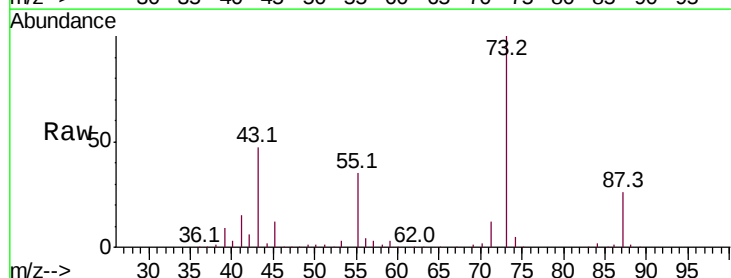
Tgt Ion: 88 Resp: 5623

Ion Ratio Lower Upper

88 100

58 41.5 81.1 121.7#

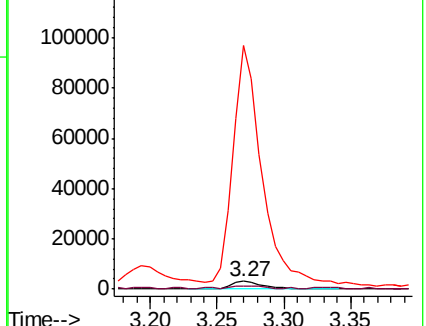
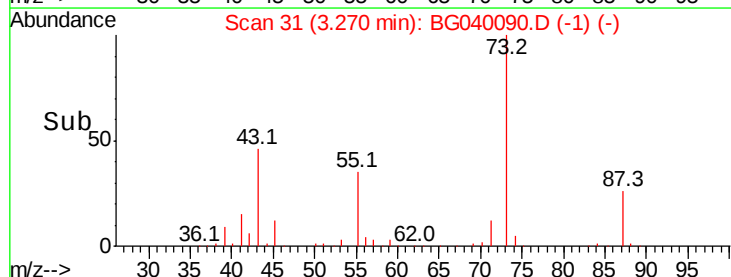
43 2614.0 31.4 47.0#

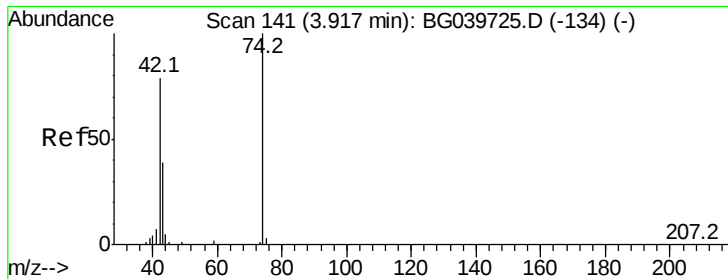


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC



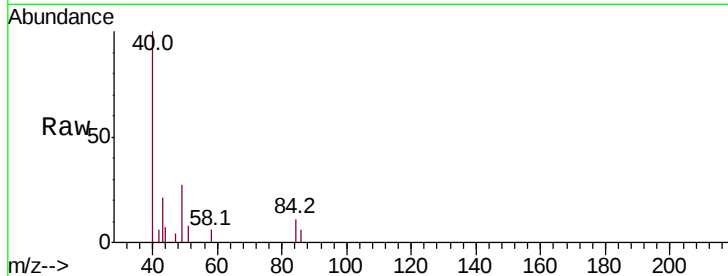


#4

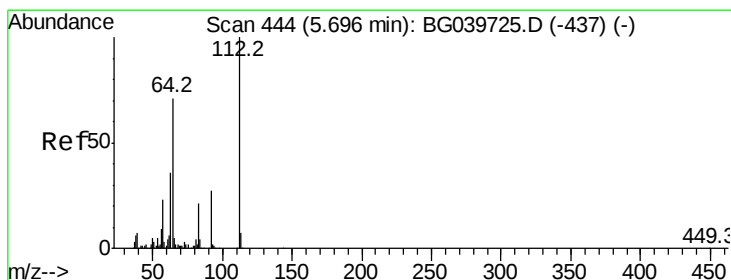
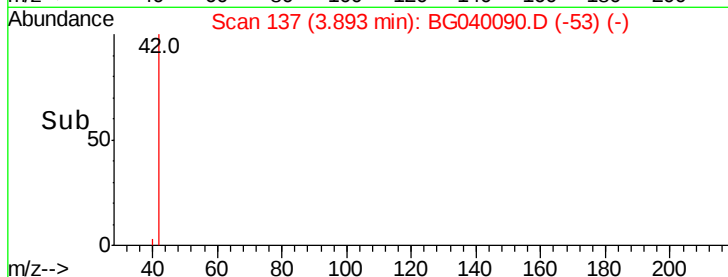
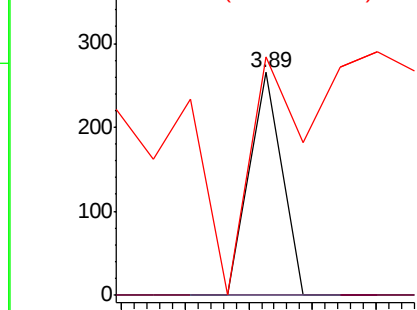
n-Nitrosodimethylamine
 Concen: 0.053 ng
 RT: 3.89 min Scan# 137
 Delta R.T. -0.04 min
 Lab File: BG040090.D
 Acq: 22 Mar 2019 19:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 42 Resp: 93
 Ion Ratio Lower Upper
 42 100
 74 0.0 83.6 125.4#
 44 107.2 6.9 10.3#



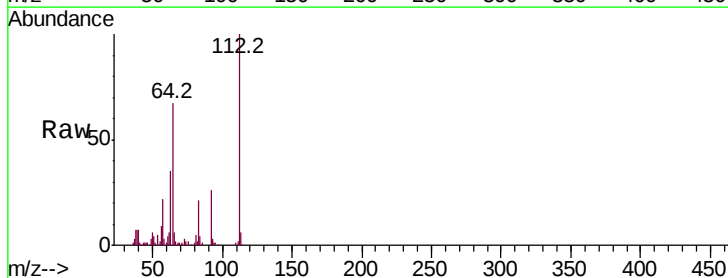
Abundance Ion 42.00 (41.70 to 42.70): BGC
 Ion 74.00 (73.70 to 74.70): BGC
 Ion 44.00 (43.70 to 44.70): BGC



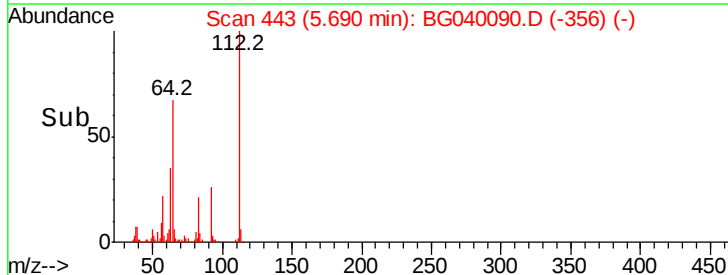
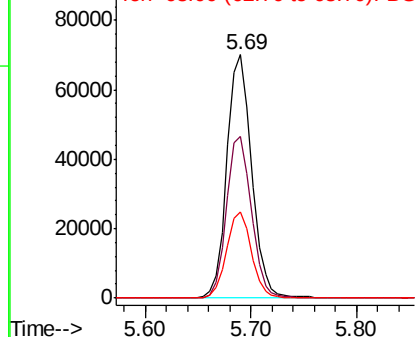
#5

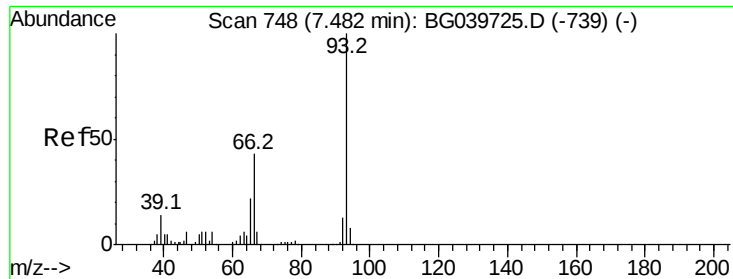
2-Fluorophenol
 Concen: 37.702 ng
 RT: 5.69 min Scan# 443
 Delta R.T. -0.02 min
 Lab File: BG040090.D
 Acq: 22 Mar 2019 19:35

Tgt Ion: 112 Resp: 113662
 Ion Ratio Lower Upper
 112 100
 64 66.6 57.8 86.8
 63 35.5 29.8 44.6



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





#6

Aniline

Concen: 0.055 ng

RT: 7.68 min Scan# 782

Delta R.T. 0.19 min

Lab File: BG040090.D

Acq: 22 Mar 2019 19:35

Instrument :

BNA_G

ClientSampled :

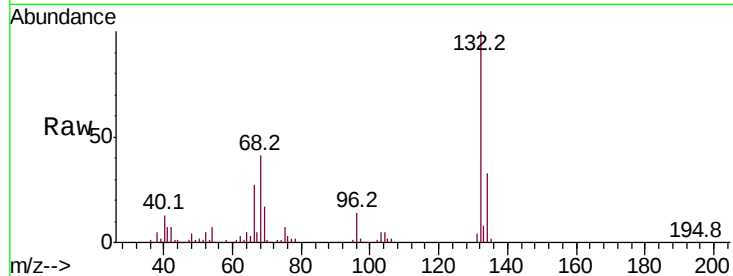
Tot Ion: 93 Resp: 322

Ion Ratio Lower Upper

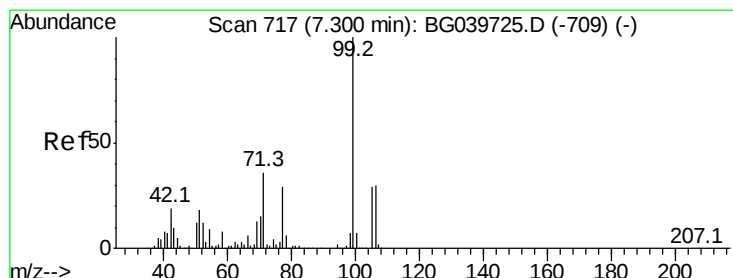
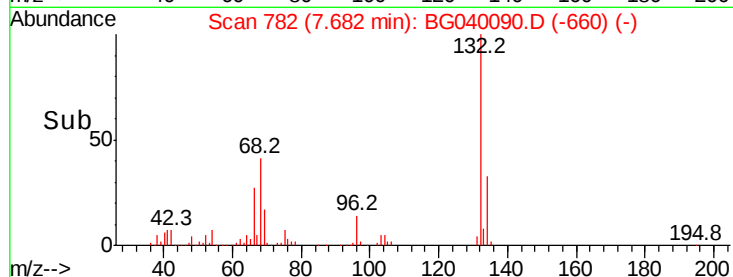
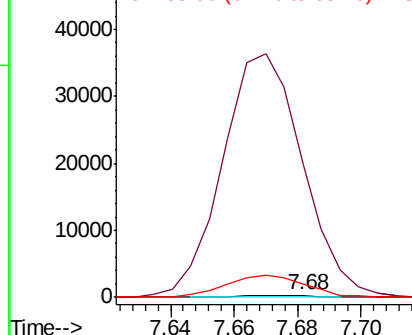
93 100

66 7482.7 34.2 51.4#

65 714.3 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: 20.857 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040090.D

Acq: 22 Mar 2019 19:35

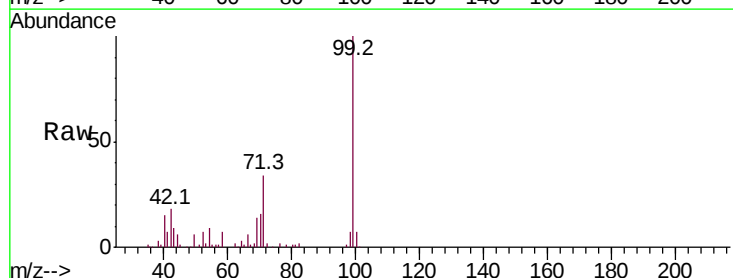
Tgt Ion: 99 Resp: 93756

Ion Ratio Lower Upper

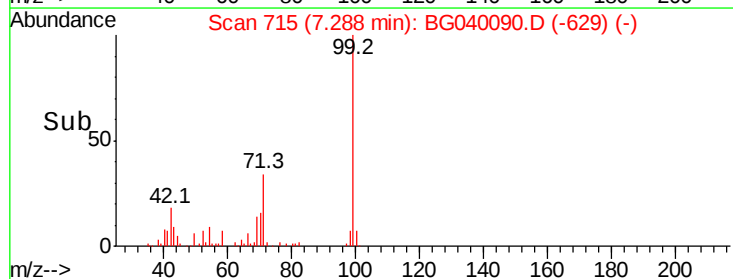
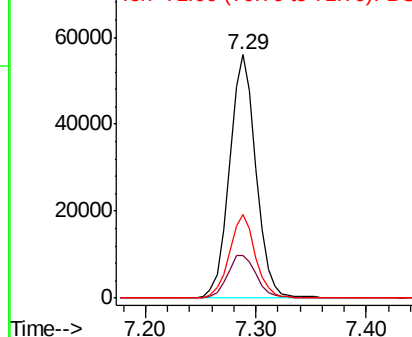
99 100

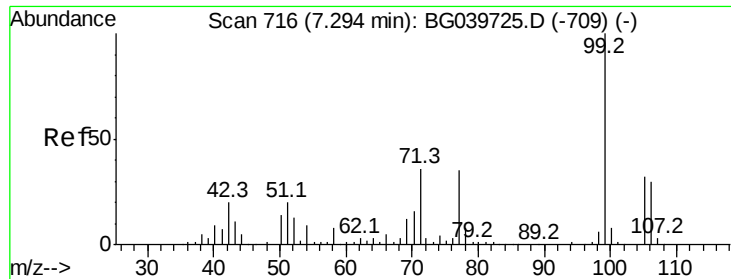
42 17.6 18.2 27.2#

71 34.2 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

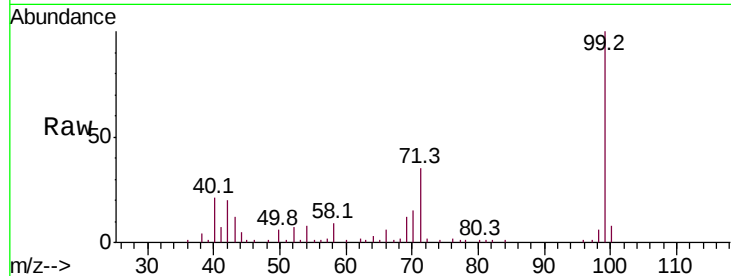




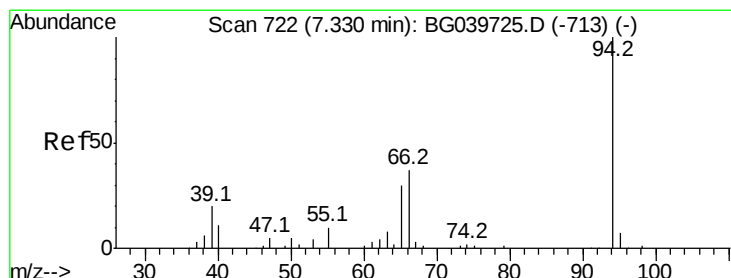
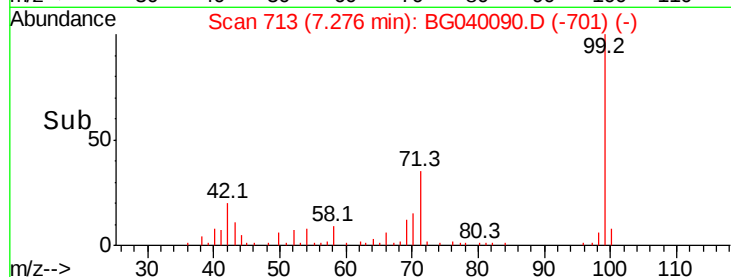
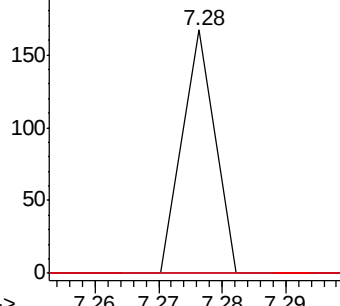
#9
Benzaldehyde
Concen: 0.020 ng
RT: 7.28 min Scan# 713
Delta R.T. -0.03 min
Lab File: BG040090.D
Acq: 22 Mar 2019 19:35

Instrument :
BNA_G
ClientSampled :

Tot Ion: 77 Resp: 59
Ion Ratio Lower Upper
77 100
105 0.0 74.5 114.5#
106 0.0 68.0 108.0#

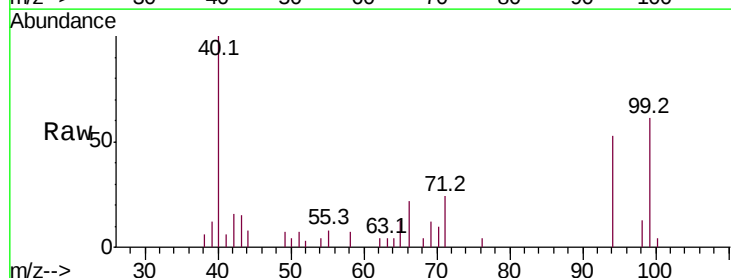


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

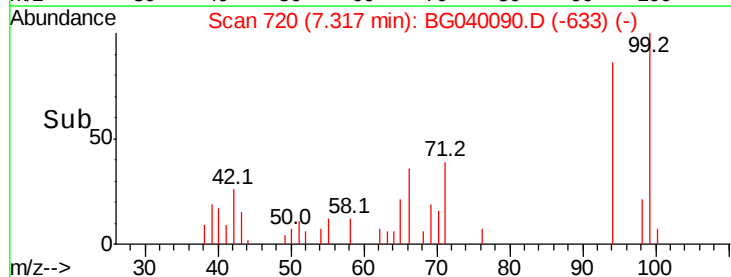
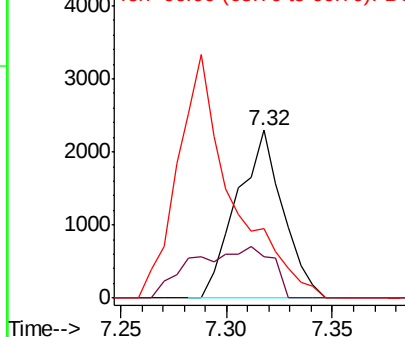


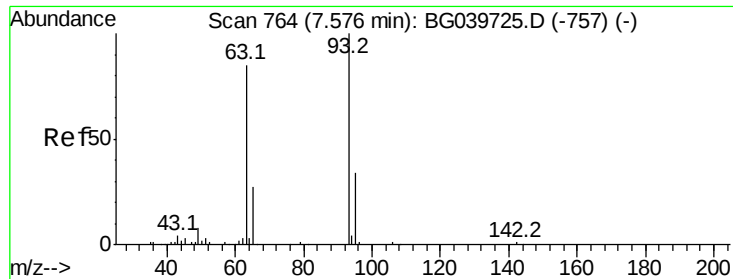
#10
Phenol
Concen: 0.713 ng
RT: 7.32 min Scan# 720
Delta R.T. -0.02 min
Lab File: BG040090.D
Acq: 22 Mar 2019 19:35

Tgt Ion: 94 Resp: 3470
Ion Ratio Lower Upper
94 100
65 24.5 11.7 51.7
66 41.5 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

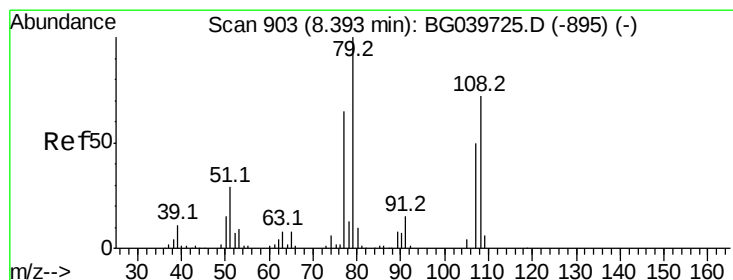
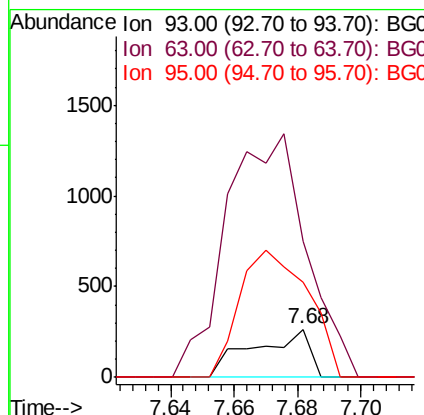
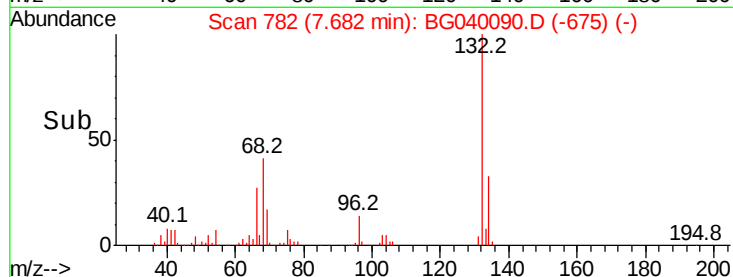
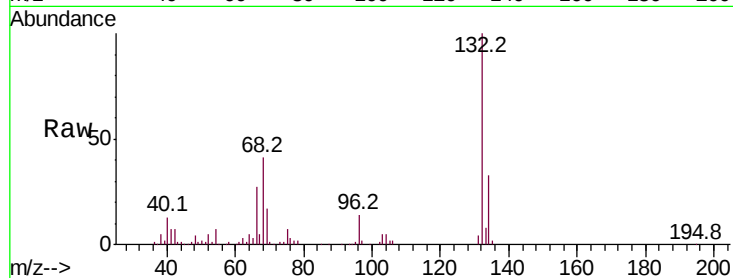




#11
bis(2-Chloroethyl)ether
Concen: 0.085 ng
RT: 7.68 min Scan# 782
Delta R.T. 0.10 min
Lab File: BG040090.D
Acq: 22 Mar 2019 19:35

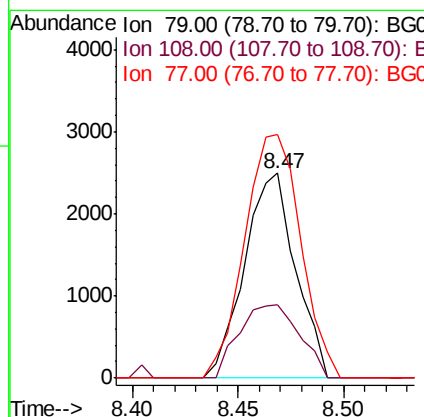
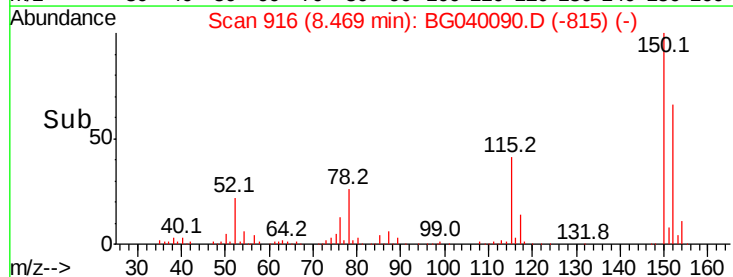
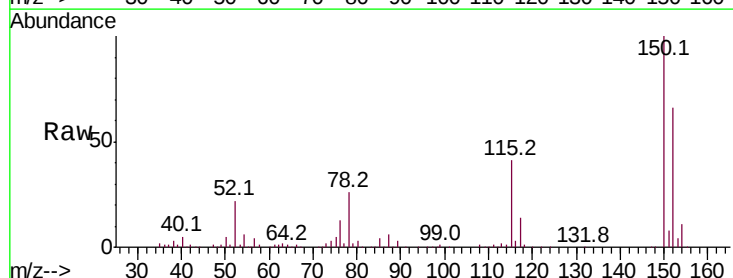
Instrument :
BNA_G
ClientSampleId :

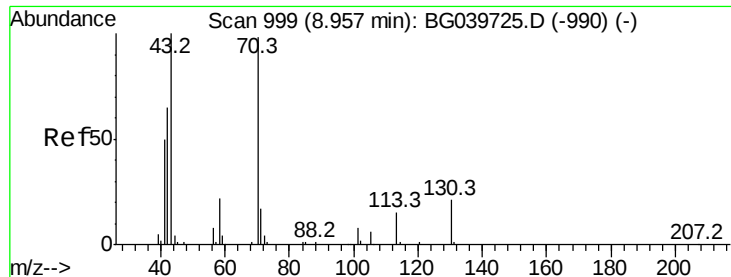
Tot Ion: 93 Resp: 322
Ion Ratio Lower Upper
93 100
63 281.6 69.5 109.5#
95 196.6 12.7 52.7#



#15
Benzyl Alcohol
Concen: 1.177 ng
RT: 8.47 min Scan# 916
Delta R.T. 0.06 min
Lab File: BG040090.D
Acq: 22 Mar 2019 19:35

Tgt Ion: 79 Resp: 4197
Ion Ratio Lower Upper
79 100
108 35.8 57.8 86.6#
77 118.8 51.1 76.7#

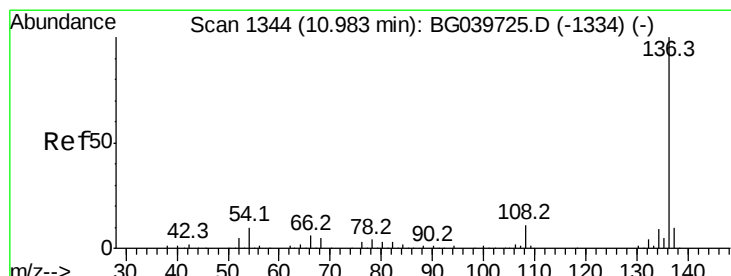
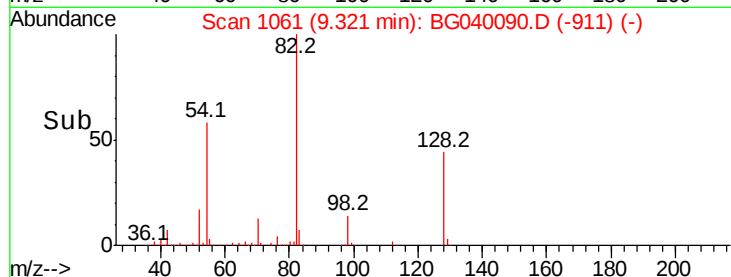
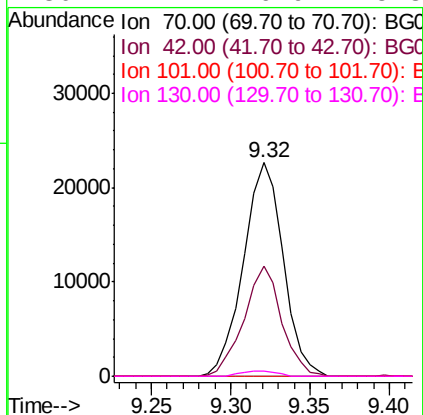
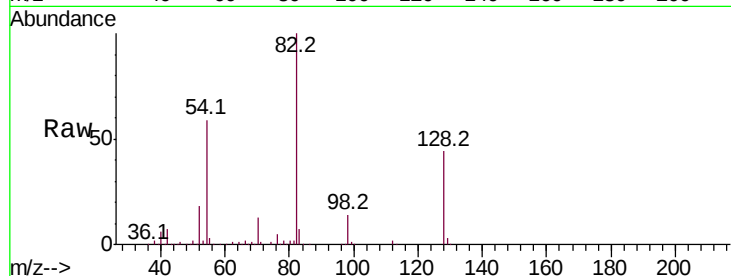




#19
n-Nitroso-di-n-propylamine
Concen: 12.238 ng
RT: 9.32 min Scan# 1061
Delta R.T. 0.35 min
Lab File: BG040090.D
Acq: 22 Mar 2019 19:35

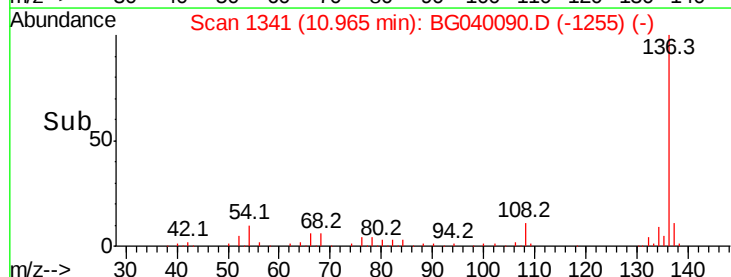
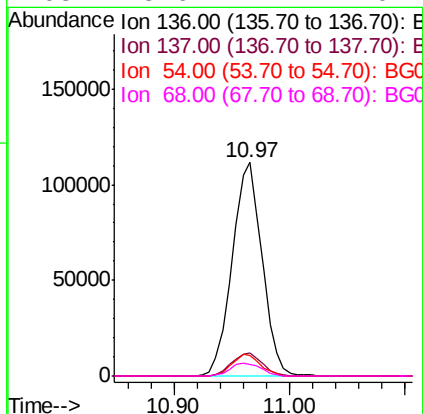
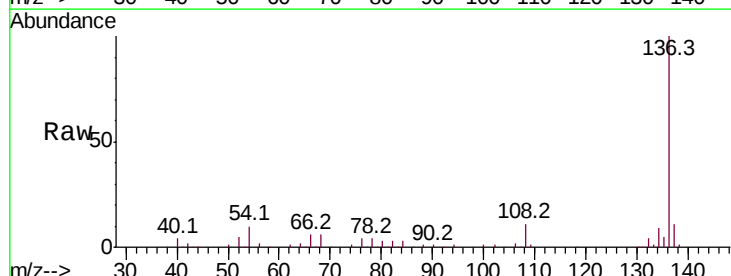
Instrument :
BNA_G
ClientSampleId :

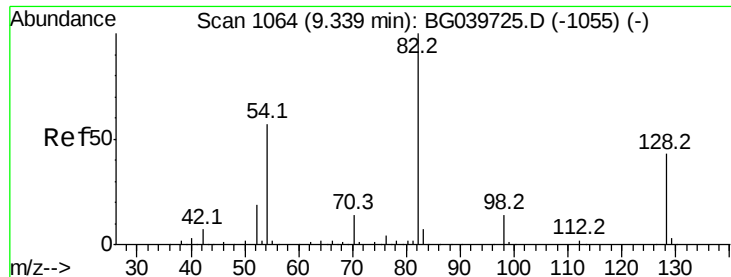
Tot Ion: 70 Resp: 39597
Ion Ratio Lower Upper
70 100
42 51.6 60.4 90.6#
101 0.0 7.5 11.3#
130 2.1 16.9 25.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG040090.D
Acq: 22 Mar 2019 19:35

Tgt Ion: 136 Resp: 200294
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 9.8 9.4 14.2
68 5.6 4.2 6.4

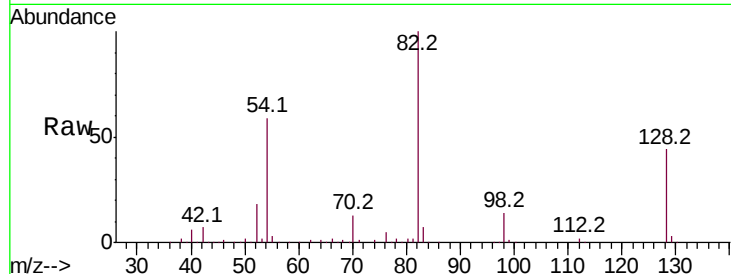




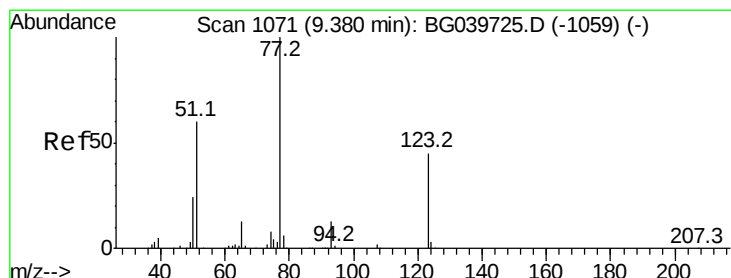
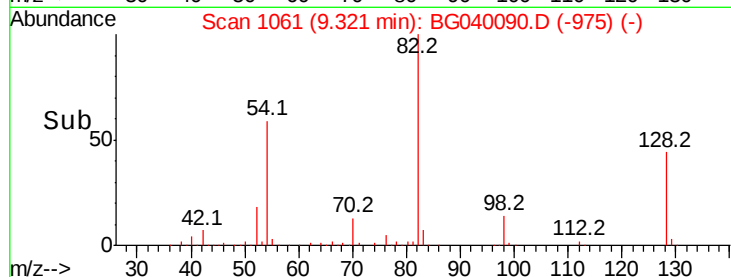
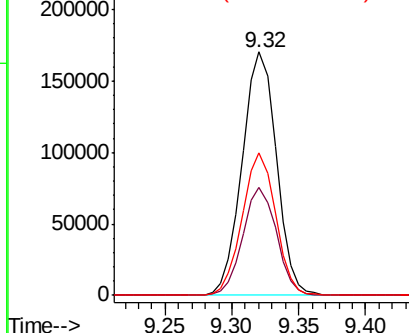
#23
Nitrobenzene-d5
Concen: 81.730 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG040090.D
Acq: 22 Mar 2019 19:35

Instrument :
BNA_G
ClientSampled :

Tot Ion: 82 Resp: 302677
Ion Ratio Lower Upper
82 100
128 44.4 31.3 46.9
54 58.6 50.9 76.3

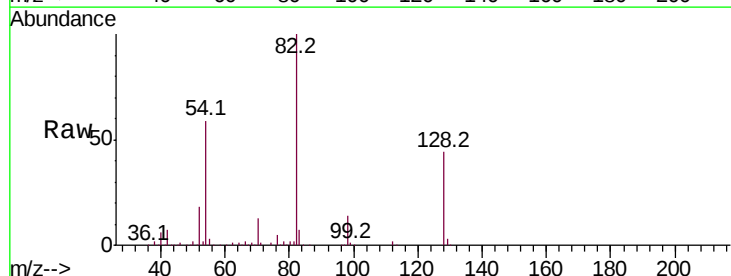


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

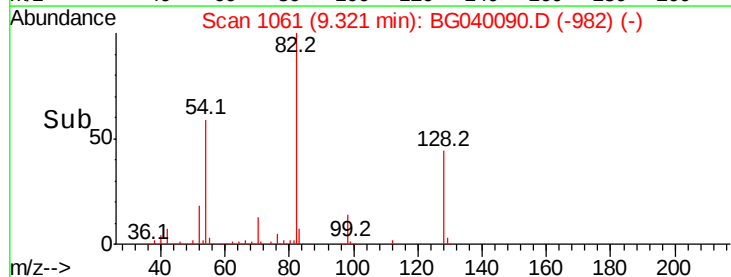
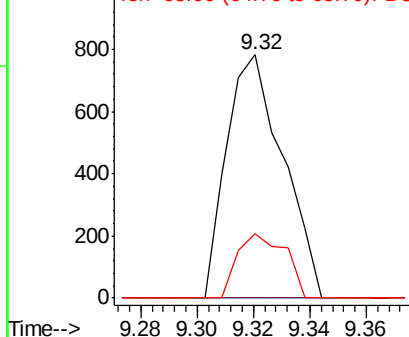


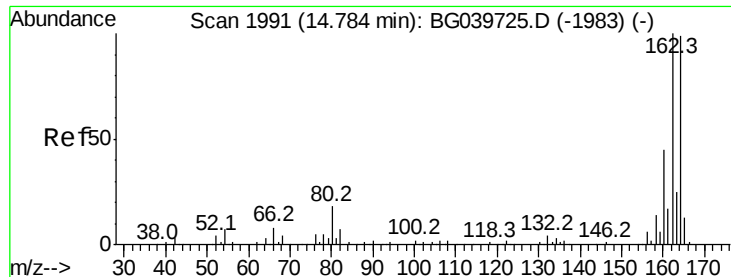
#24
Nitrobenzene
Concen: 0.278 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.07 min
Lab File: BG040090.D
Acq: 22 Mar 2019 19:35

Tgt Ion: 77 Resp: 1082
Ion Ratio Lower Upper
77 100
123 0.0 34.1 51.1#
65 26.7 12.3 18.5#



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BG040090.D

Acq: 22 Mar 2019 19:35

Instrument :

BNA_G

ClientSampleId :

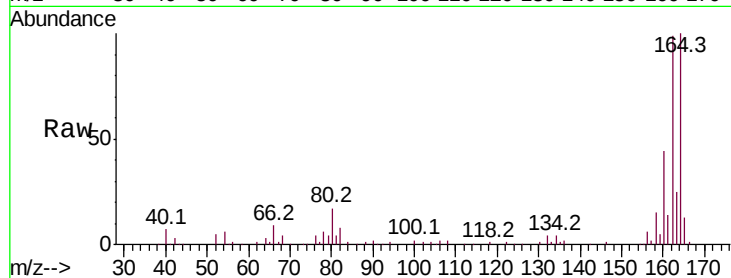
Tot Ion:164 Resp: 118048

Ion Ratio Lower Upper

164 100

162 99.2 81.6 122.4

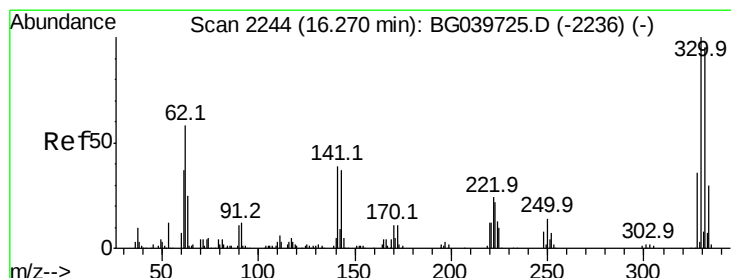
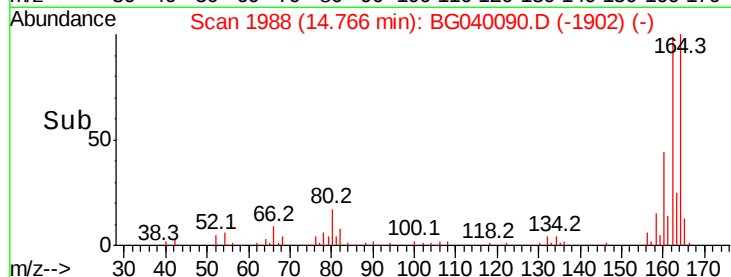
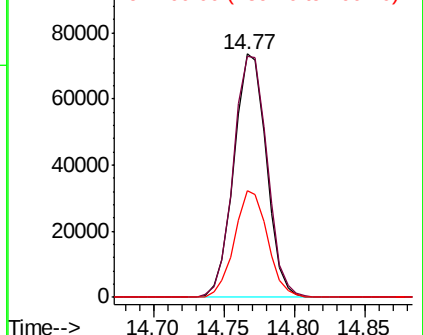
160 43.8 34.2 51.2



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: 74.963 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BG040090.D

Acq: 22 Mar 2019 19:35

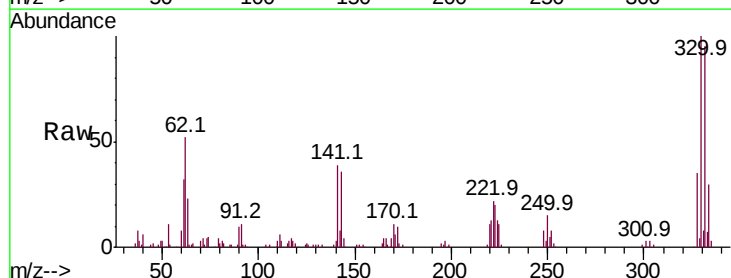
Tgt Ion:330 Resp: 103145

Ion Ratio Lower Upper

330 100

332 97.0 75.7 113.5

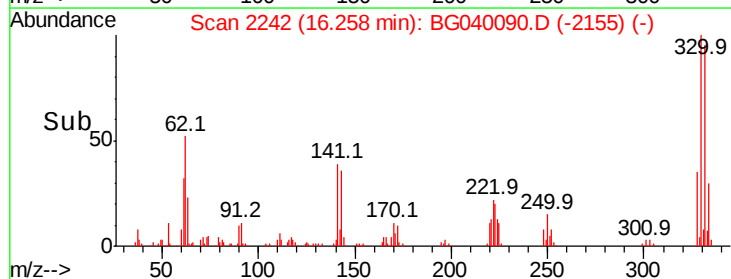
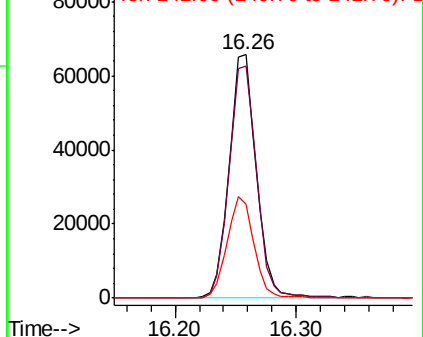
141 41.1 35.6 53.4

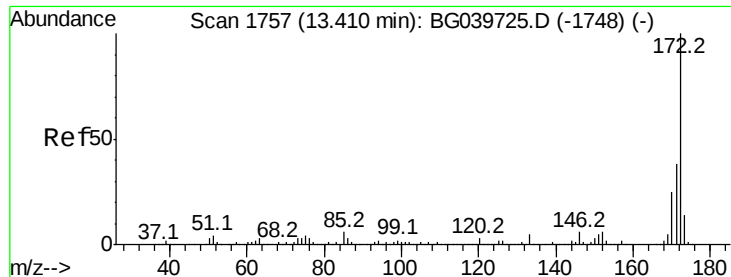


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

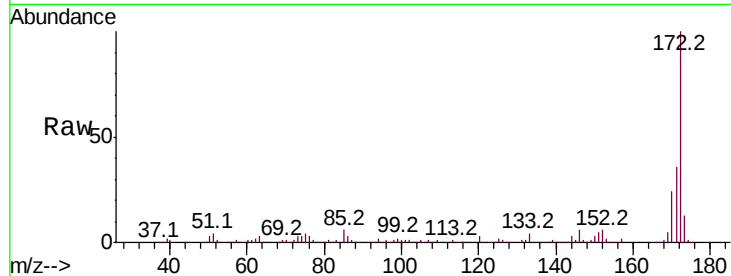




#45
 2-Fluorobiphenyl
 Concen: 82.321 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG040090.D
 Acq: 22 Mar 2019 19:35

Instrument :
 BNA_G
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.8	46.2
170	24.2	20.2	30.4

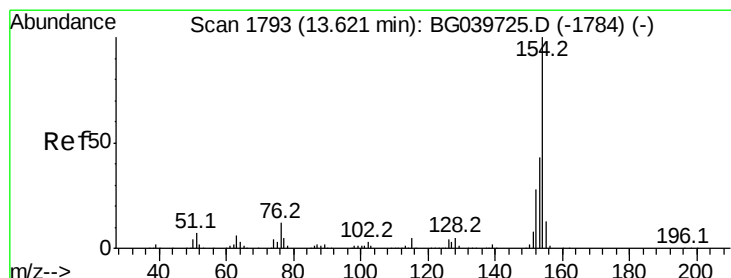
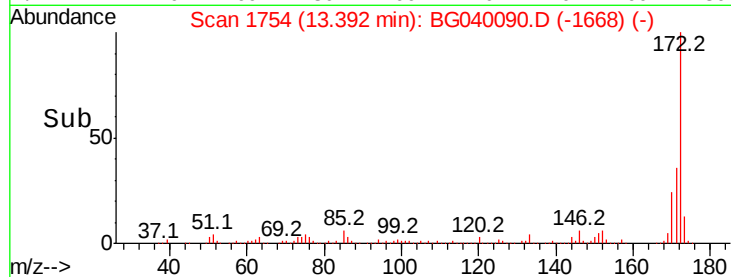
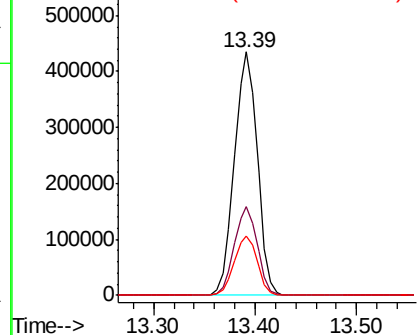


Abundance

Ion 172.00 (171.70 to 172.70): E

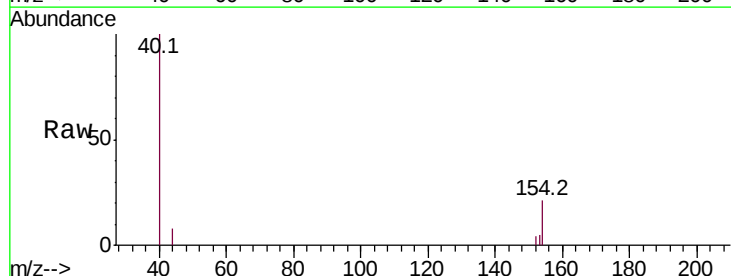
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
 1,1'-Biphenyl
 Concen: 0.103 ng
 RT: 13.60 min Scan# 1790
 Delta R.T. -0.02 min
 Lab File: BG040090.D
 Acq: 22 Mar 2019 19:35

Tgt Ion	Ratio	Lower	Upper
154	100		
153	24.1	22.1	62.1
76	0.0	0.0	32.4

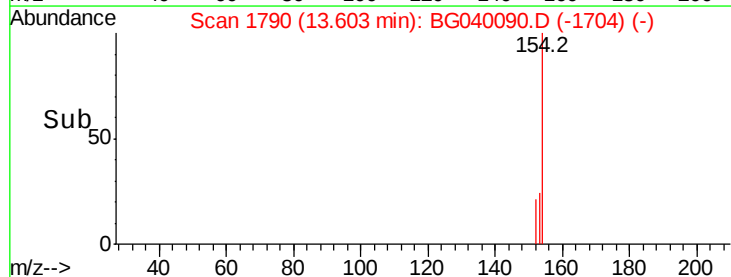
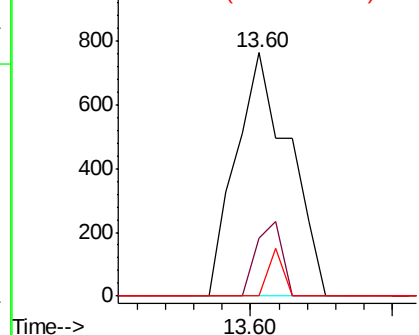


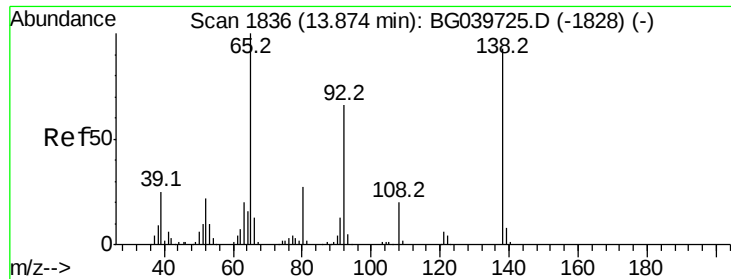
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





#48

2-Nitroaniline

Concen: 0.055 ng

RT: 14.21 min Scan# 1894

Delta R.T. 0.33 min

Lab File: BG040090.D

Acq: 22 Mar 2019 19:35

Instrument :

BNA_G

ClientSampleId :

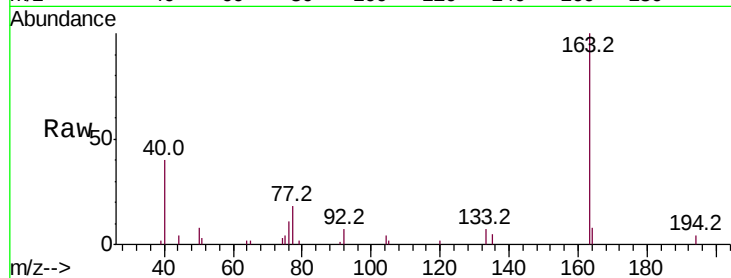
Tot Ion: 65 Resp: 128

Ion Ratio Lower Upper

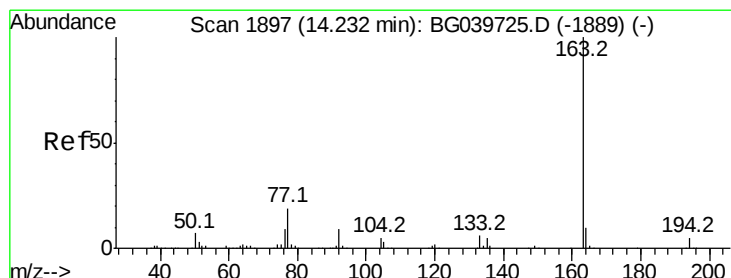
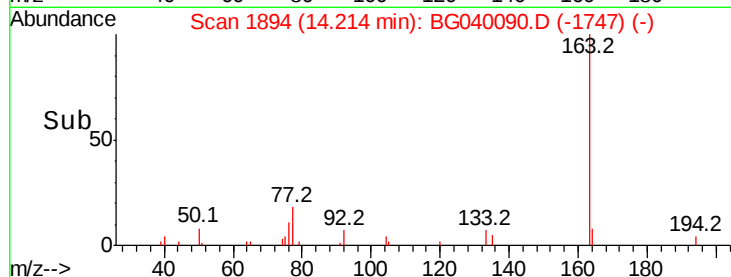
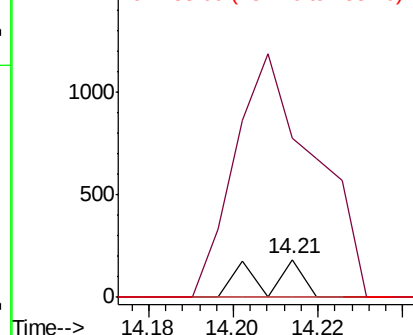
65 100

92 420.0 51.4 77.2#

138 0.0 71.4 107.2#



Abundance Ion 65.00 (64.70 to 65.70): BG0
Ion 92.00 (91.70 to 92.70): BG0
Ion 138.00 (137.70 to 138.70): E



#50

Dimethylphthalate

Concen: 1.824 ng

RT: 14.21 min Scan# 1894

Delta R.T. -0.02 min

Lab File: BG040090.D

Acq: 22 Mar 2019 19:35

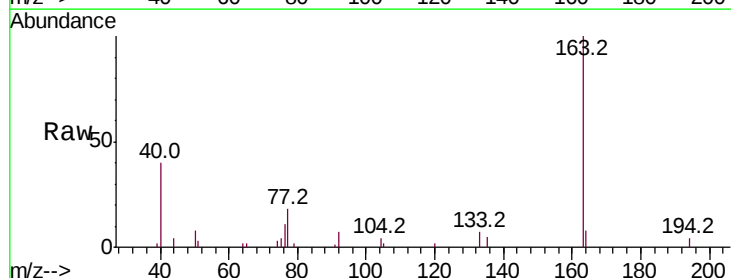
Tgt Ion:163 Resp: 18006

Ion Ratio Lower Upper

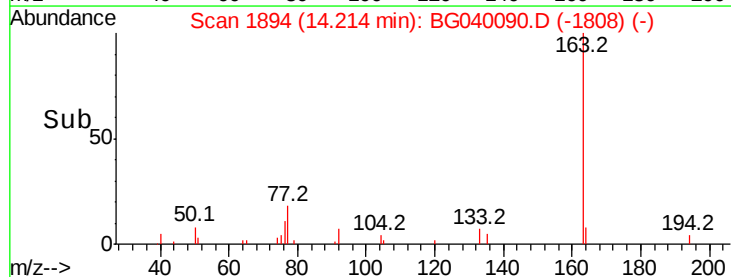
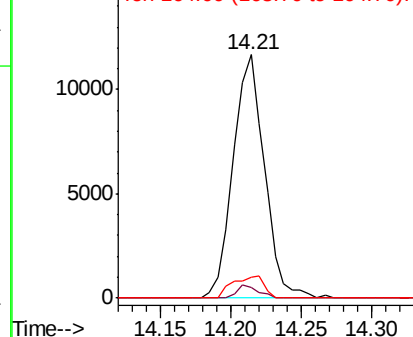
163 100

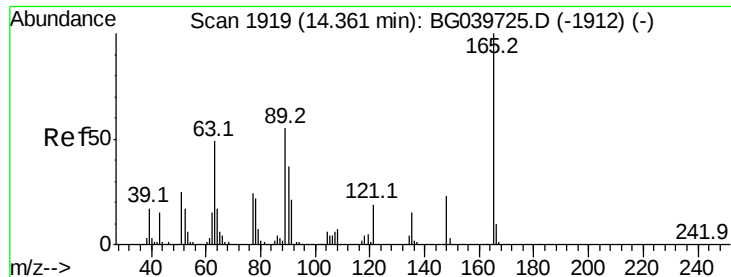
194 4.5 3.6 5.4

164 8.5 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: 7.345 ng

RT: 14.77 min Scan# 1988

Delta R.T. 0.40 min

Lab File: BG040090.D

Acq: 22 Mar 2019 19:35

Instrument :

BNA_G

ClientSampleId :

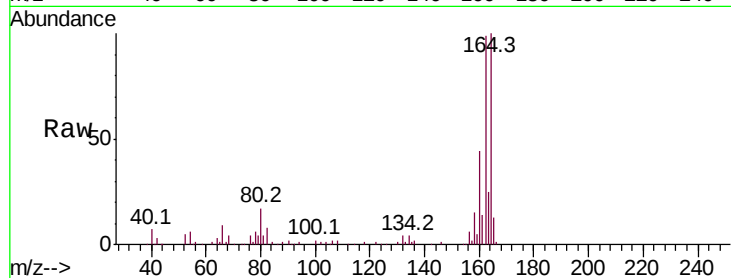
Tot Ion:165 Resp: 15370

Ion Ratio Lower Upper

165 100

63 0.0 47.0 70.6#

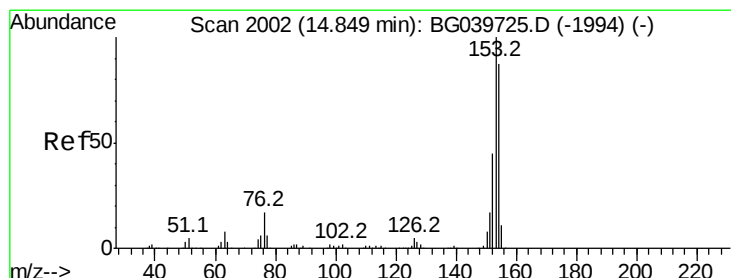
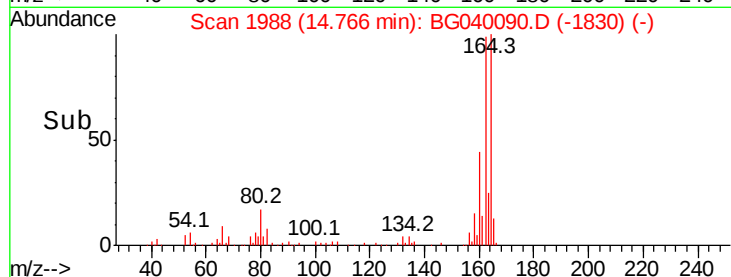
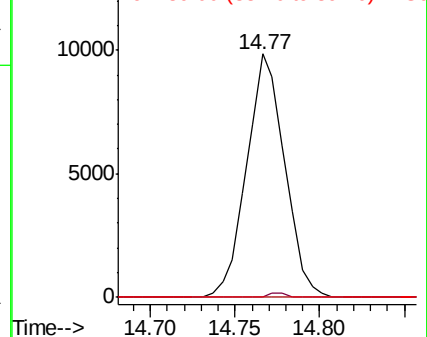
89 0.0 45.8 68.8#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0



#52

Acenaphthene

Concen: 0.070 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.08 min

Lab File: BG040090.D

Acq: 22 Mar 2019 19:35

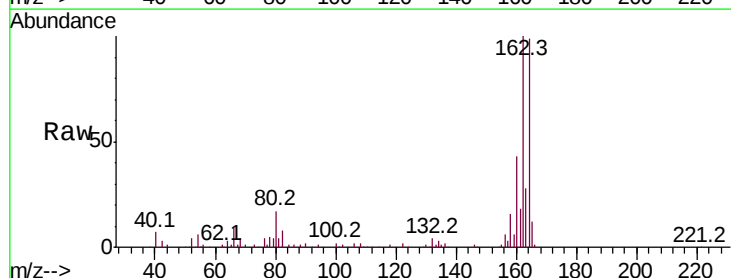
Tgt Ion:154 Resp: 508

Ion Ratio Lower Upper

154 100

153 0.0 90.1 135.1#

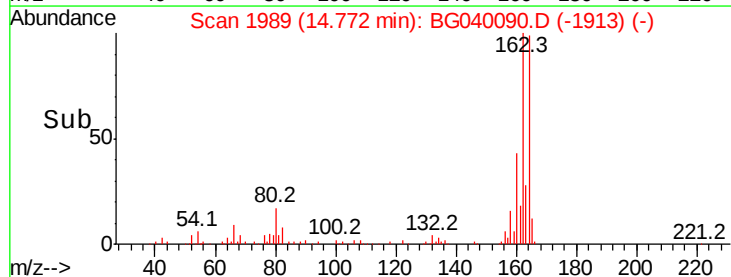
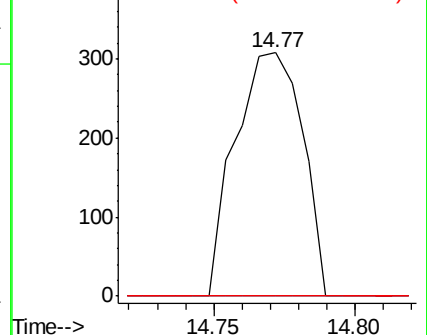
152 0.0 40.9 61.3#

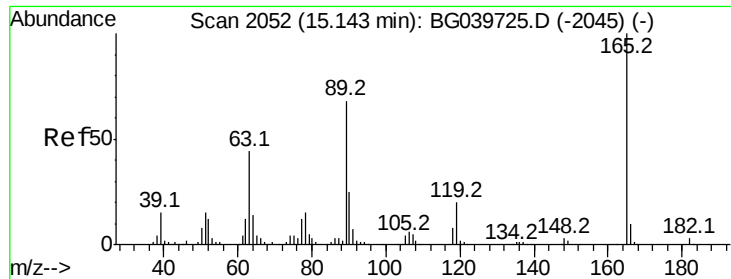


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

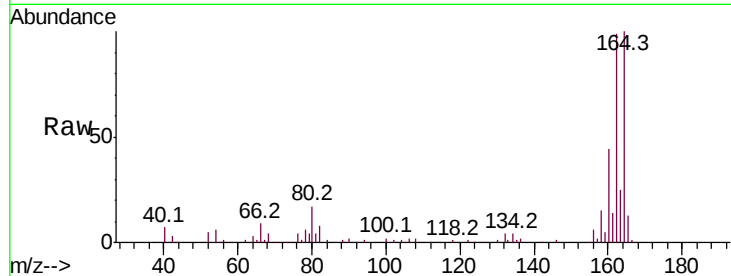




#57
 2,4-Dinitrotoluene
 Concen: 5.227 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. -0.38 min
 Lab File: BG040090.D
 Acq: 22 Mar 2019 19:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165	Resp:	15370
Ion Ratio	Lower	Upper
165	100	
63	0.0	41.0 61.6#
89	0.0	64.6 96.8#
182	0.0	2.0 3.0#

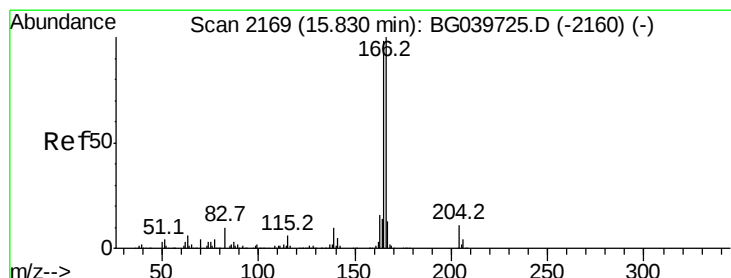
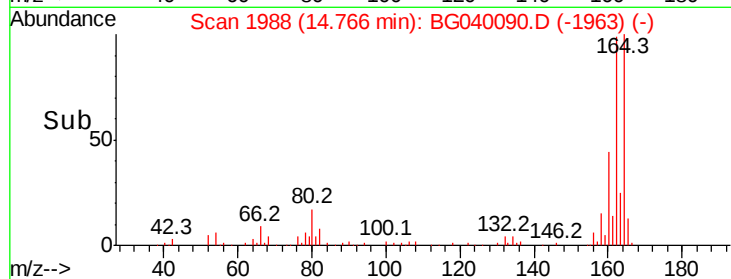
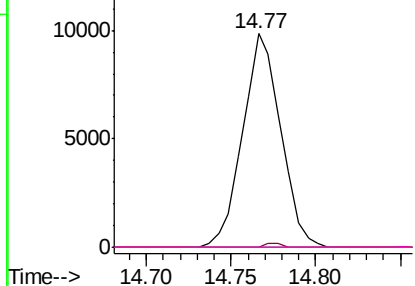


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

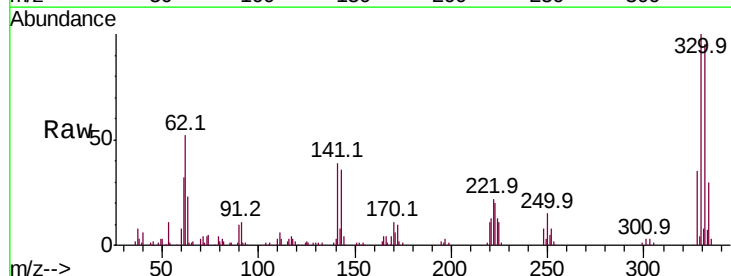
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 0.468 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. 0.42 min
 Lab File: BG040090.D
 Acq: 22 Mar 2019 19:35

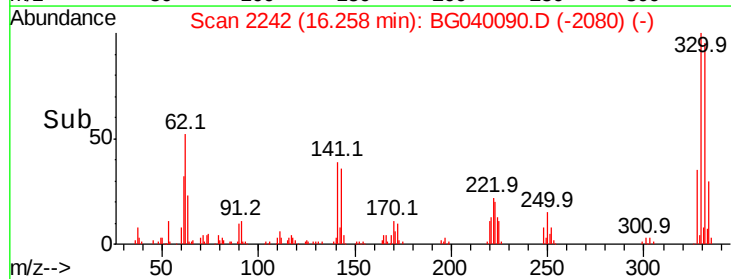
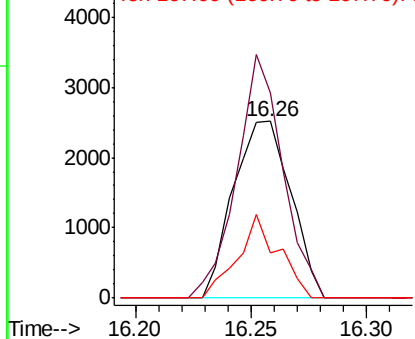
Tgt Ion:166	Resp:	4354
Ion Ratio	Lower	Upper
166	100	
165	116.4	77.9 116.9
167	25.8	10.8 16.2#

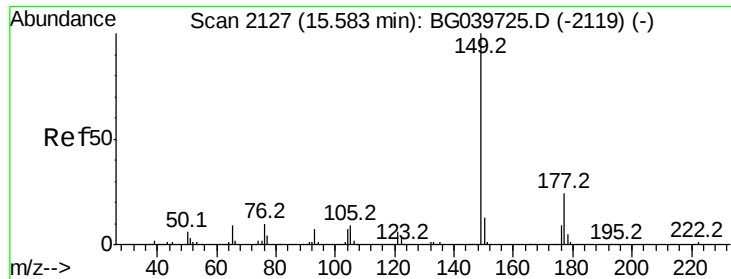


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

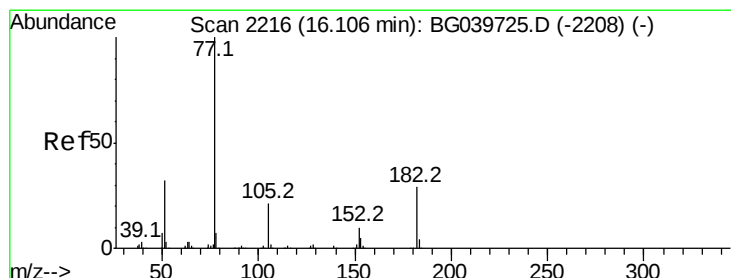
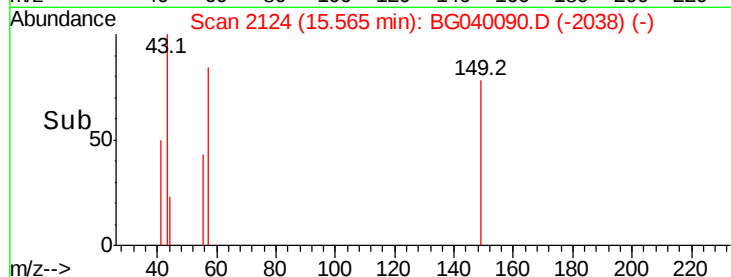
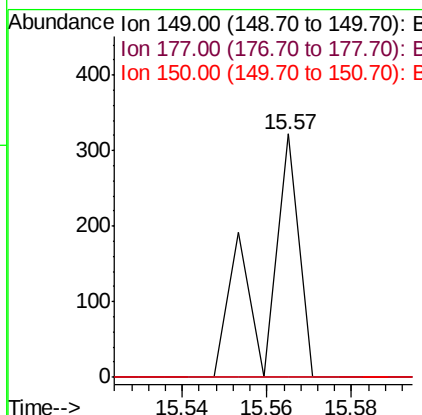
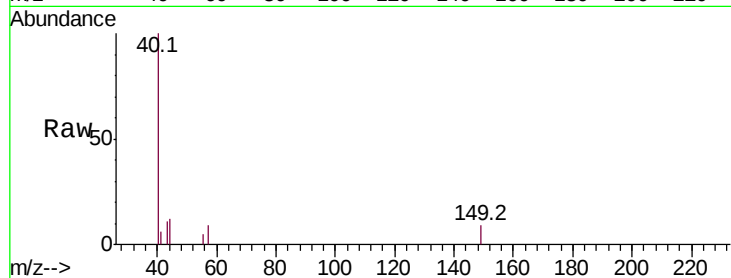




#60
Diethylphthalate
Concen: 0.019 ng
RT: 15.57 min Scan# 2124
Delta R.T. -0.02 min
Lab File: BG040090.D
Acq: 22 Mar 2019 19:35

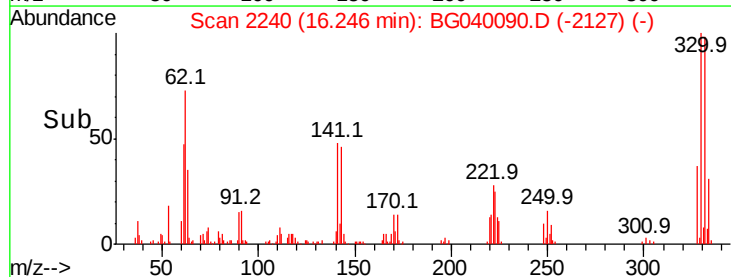
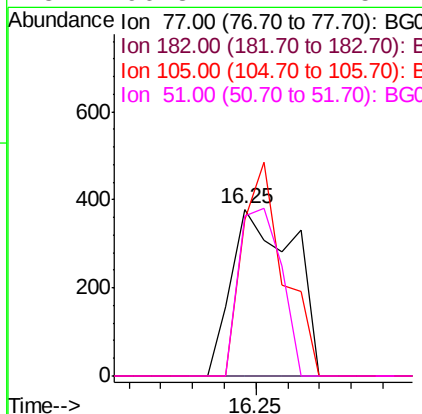
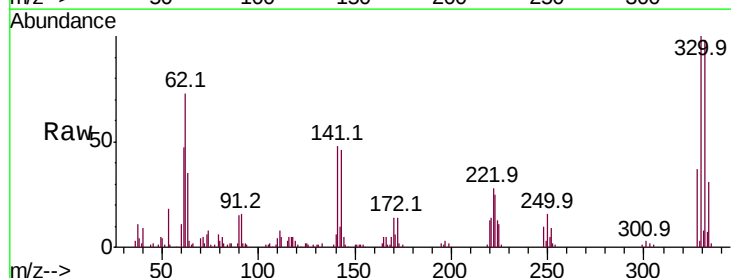
Instrument :
BNA_G
ClientSampleId :

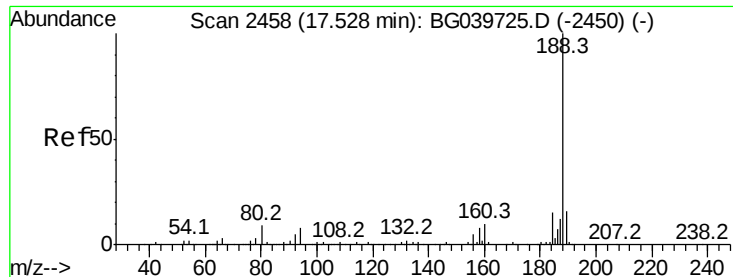
Tot Ion:149 Resp: 181
Ion Ratio Lower Upper
149 100
177 0.0 18.3 27.5#
150 0.0 10.2 15.2#



#63
Azobenzene
Concen: 0.058 ng
RT: 16.25 min Scan# 2240
Delta R.T. 0.13 min
Lab File: BG040090.D
Acq: 22 Mar 2019 19:35

Tgt Ion: 77 Resp: 513
Ion Ratio Lower Upper
77 100
182 0.0 6.4 46.4#
105 93.9 0.0 39.8#
51 96.3 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: BG040090.D

Acq: 22 Mar 2019 19:35

Instrument :

BNA_G

ClientSampleId :

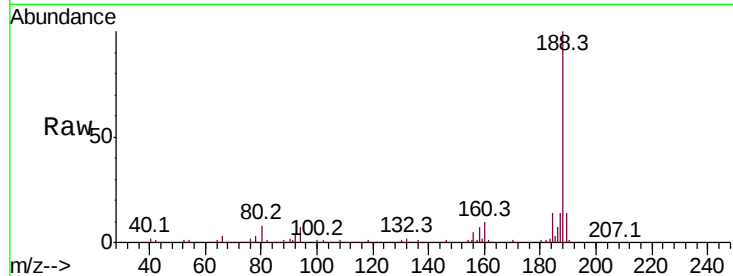
Tot Ion:188 Resp: 261977

Ion Ratio Lower Upper

188 100

94 7.3 6.9 10.3

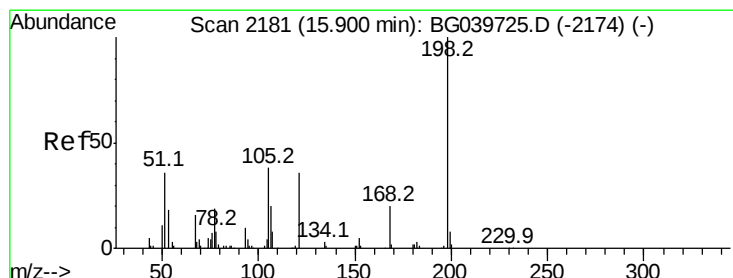
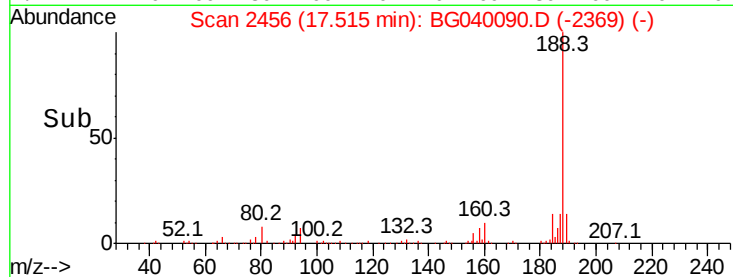
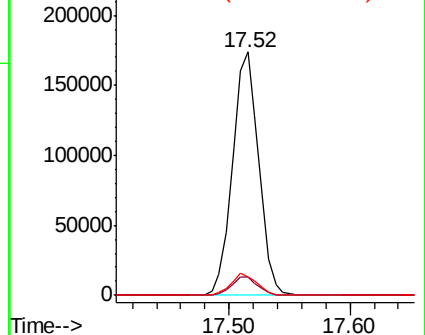
80 7.7 8.1 12.1#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#65

4,6-Dinitro-2-methylphenol

Concen: 0.231 ng

RT: 16.26 min Scan# 2242

Delta R.T. 0.35 min

Lab File: BG040090.D

Acq: 22 Mar 2019 19:35

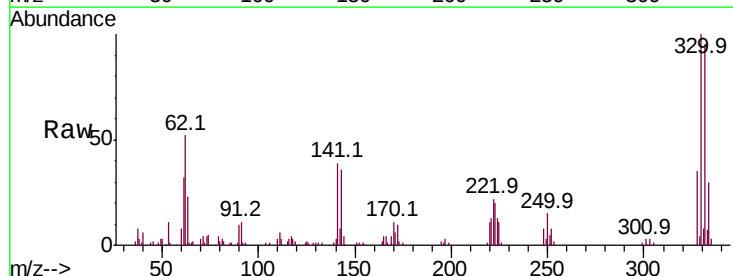
Tgt Ion:198 Resp: 358

Ion Ratio Lower Upper

198 100

51 78.1 27.4 67.4#

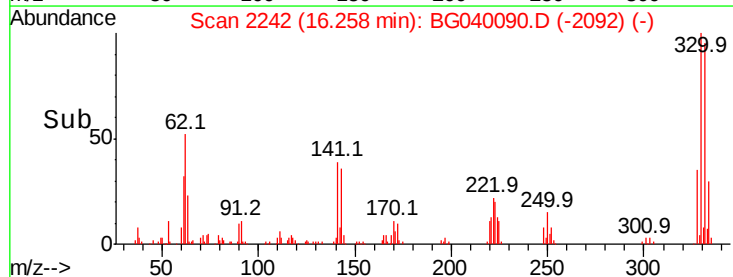
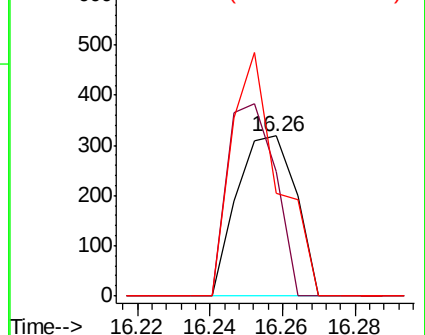
105 64.3 19.7 59.7#

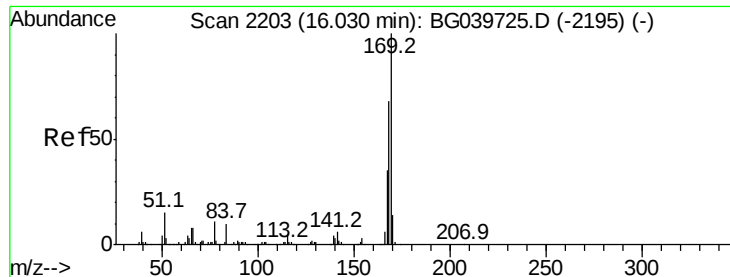


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

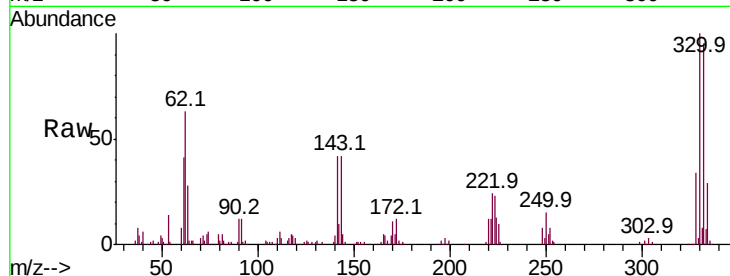




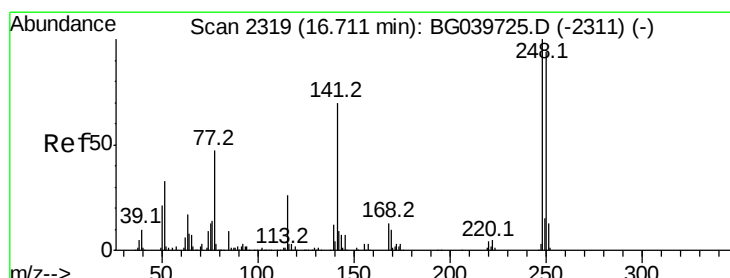
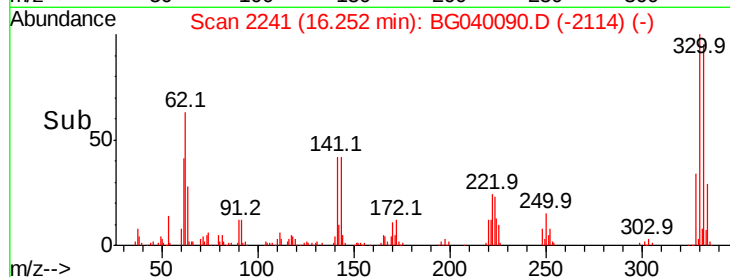
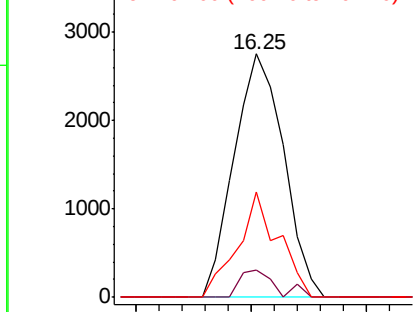
#66
 n-Nitrosodiphenylamine
 Concen: 0.543 ng
 RT: 16.25 min Scan# 2241
 Delta R.T. 0.22 min
 Lab File: BG040090.D
 Acq: 22 Mar 2019 19:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:169 Resp: 4118
 Ion Ratio Lower Upper
 169 100
 168 11.1 56.6 85.0#
 167 43.2 28.8 43.2

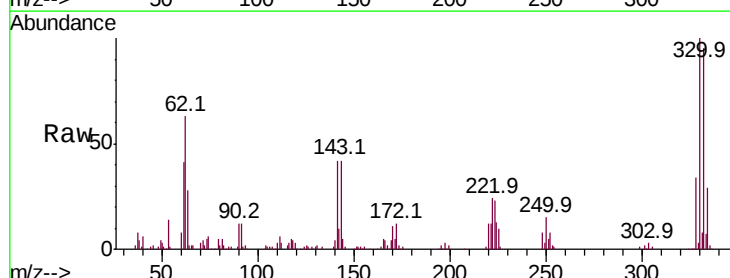


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

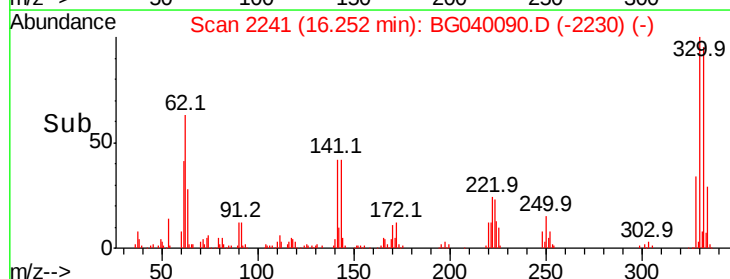
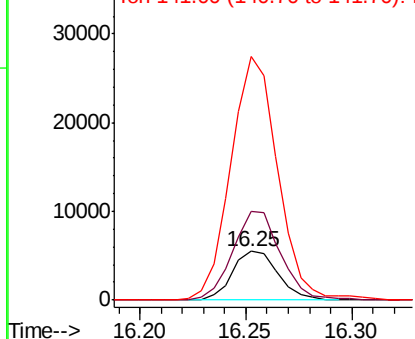


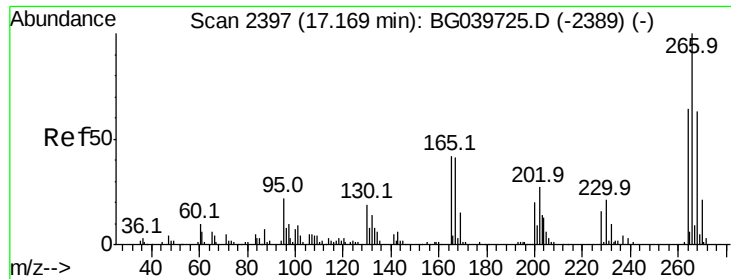
#67
 4-Bromophenyl-phenylether
 Concen: 2.780 ng
 RT: 16.25 min Scan# 2241
 Delta R.T. -0.47 min
 Lab File: BG040090.D
 Acq: 22 Mar 2019 19:35

Tgt Ion:248 Resp: 8151
 Ion Ratio Lower Upper
 248 100
 250 182.7 77.6 116.4#
 141 502.5 63.9 95.9#



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

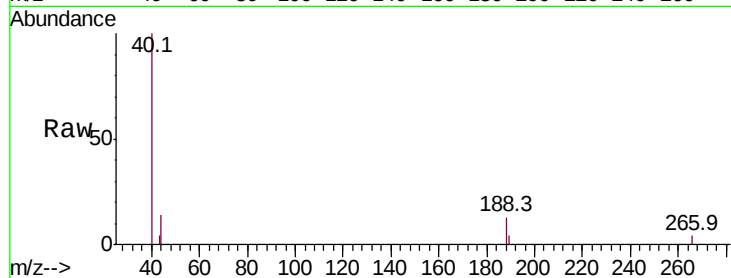




#70
 Pentachlorophenol
 Concen: 0.030 ng
 RT: 17.48 min Scan# 2450
 Delta R.T. 0.31 min
 Lab File: BG040090.D
 Acq: 22 Mar 2019 19:35

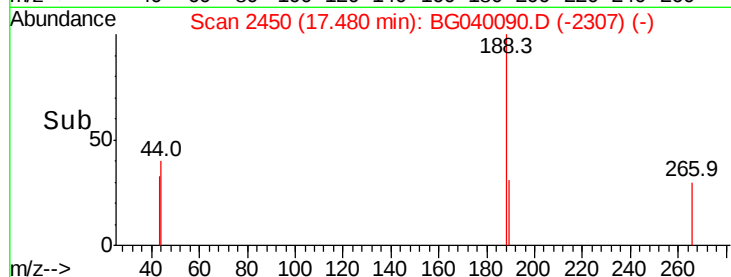
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:266 Resp: 57
 Ion Ratio Lower Upper
 266 100
 268 0.0 51.1 76.7#
 264 0.0 52.1 78.1#

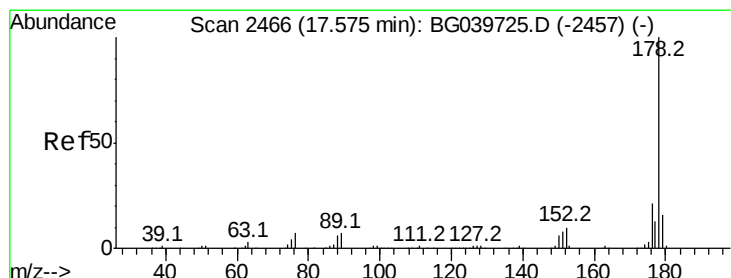


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

17.48

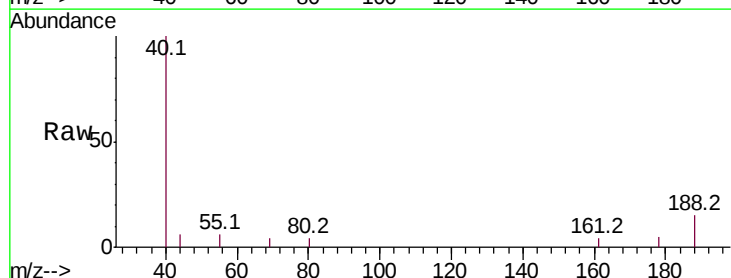


Time--> 17.46 17.48



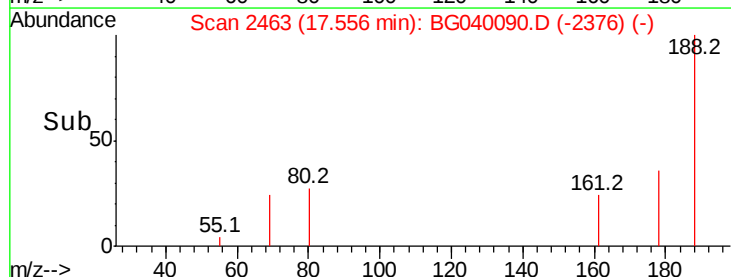
#71
 Phenanthrene
 Concen: 0.016 ng
 RT: 17.56 min Scan# 2463
 Delta R.T. -0.02 min
 Lab File: BG040090.D
 Acq: 22 Mar 2019 19:35

Tgt Ion:178 Resp: 228
 Ion Ratio Lower Upper
 178 100
 176 0.0 16.2 24.4#
 179 0.0 12.6 19.0#

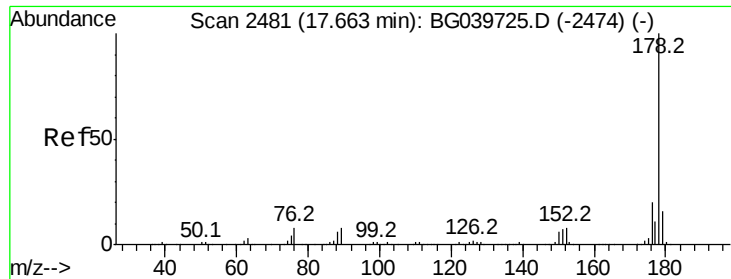


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

17.56



Time--> 17.54 17.56 17.58



#72

Anthracene

Concen: 0.016 ng

RT: 17.56 min Scan# 2463

Delta R.T. -0.11 min

Lab File: BG040090.D

Acq: 22 Mar 2019 19:35

Instrument :

BNA_G

ClientSampleId :

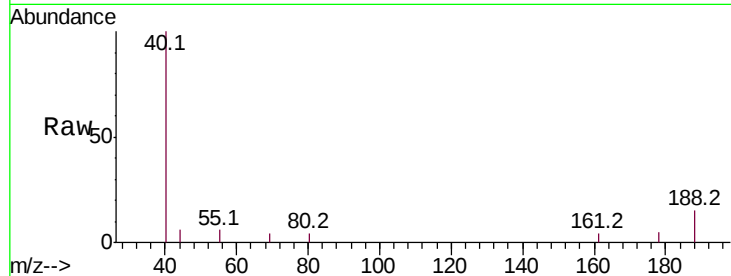
Tot Ion:178 Resp: 228

Ion Ratio Lower Upper

178 100

176 0.0 15.8 23.6#

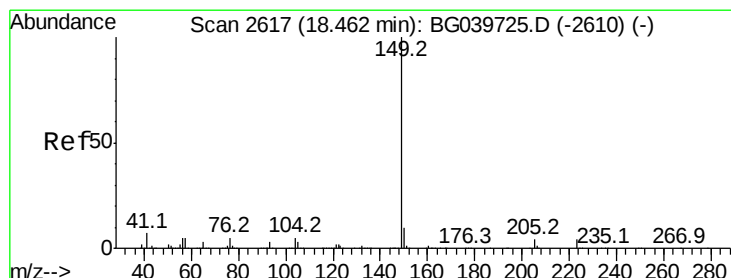
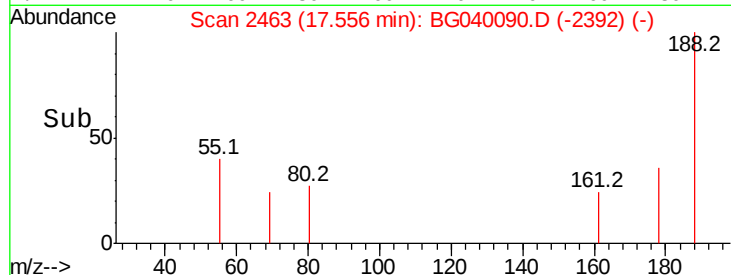
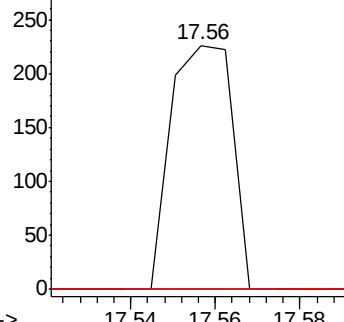
179 0.0 12.5 18.7#



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: 0.017 ng

RT: 18.45 min Scan# 2615

Delta R.T. -0.02 min

Lab File: BG040090.D

Acq: 22 Mar 2019 19:35

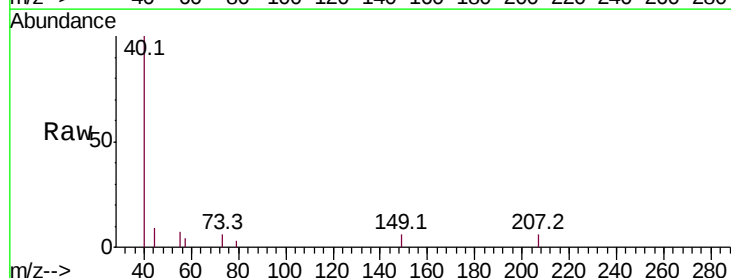
Tgt Ion:149 Resp: 259

Ion Ratio Lower Upper

149 100

150 0.0 7.7 11.5#

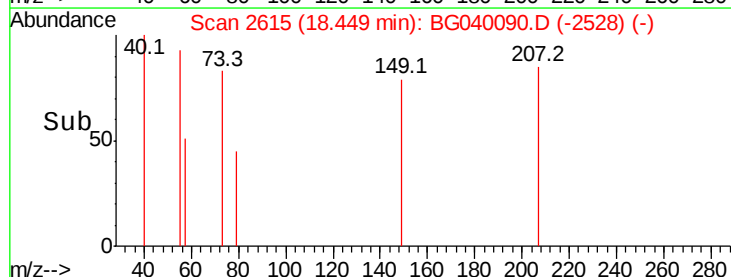
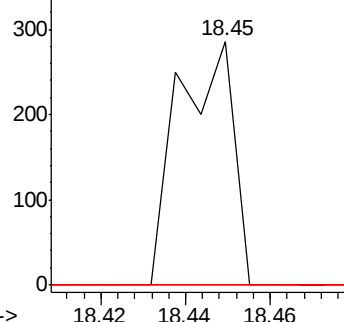
104 0.0 4.5 6.7#

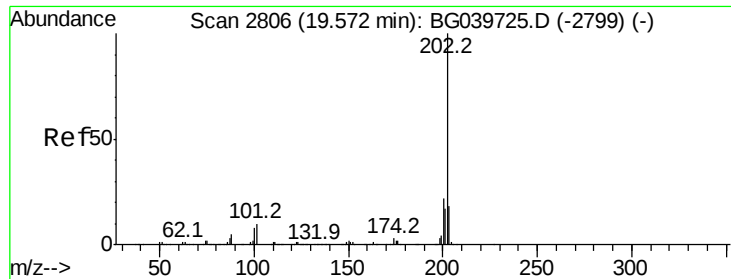


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 0.007 ng

RT: 19.57 min Scan# 2805

Delta R.T. -0.01 min

Lab File: BG040090.D

Acq: 22 Mar 2019 19:35

Instrument :

BNA_G

ClientSampled :

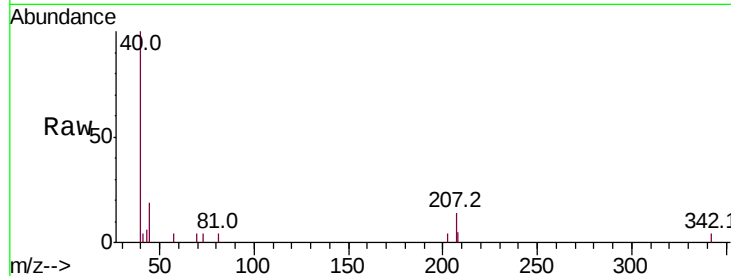
Tot Ion:202 Resp: 118

Ion Ratio Lower Upper

202 100

101 0.0 0.0 30.0

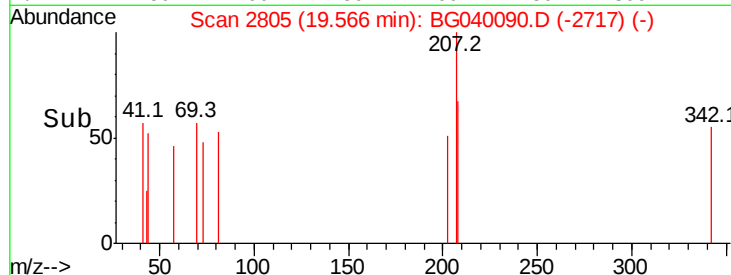
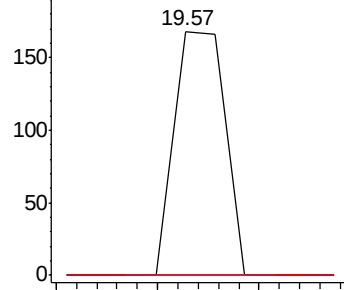
203 0.0 0.0 38.9



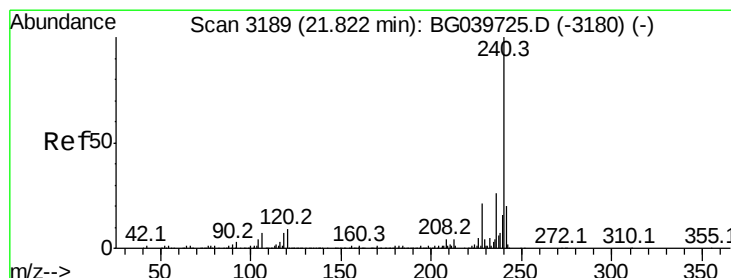
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3186

Delta R.T. -0.02 min

Lab File: BG040090.D

Acq: 22 Mar 2019 19:35

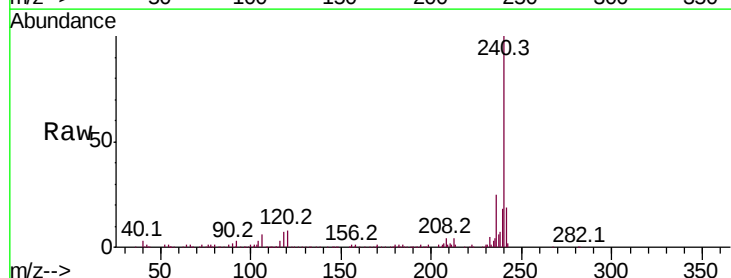
Tgt Ion:240 Resp: 292857

Ion Ratio Lower Upper

240 100

120 7.9 7.0 10.6

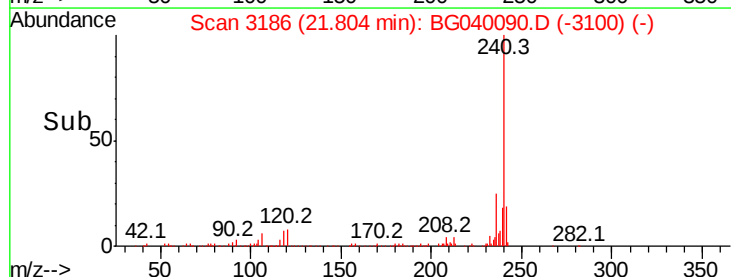
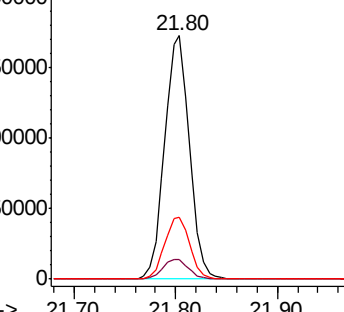
236 25.5 21.0 31.4

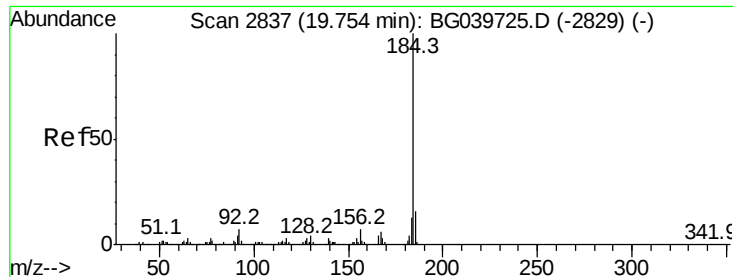


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 1.569 ng

RT: 20.11 min Scan# 2897

Delta R.T. 0.35 min

Lab File: BG040090.D

Acq: 22 Mar 2019 19:35

Instrument :

BNA_G

ClientSampleId :

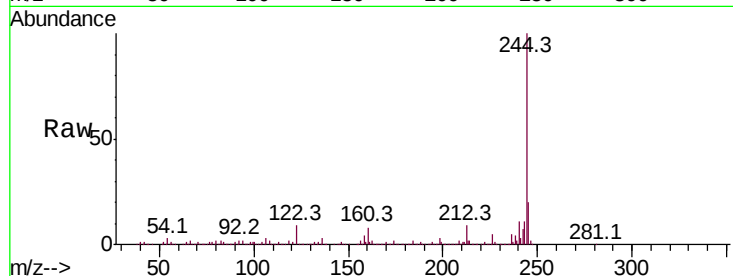
Tot Ion:184 Resp: 14584

Ion Ratio Lower Upper

184 100

185 17.1 12.2 18.2

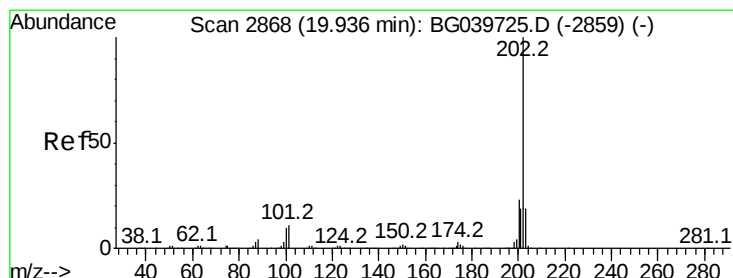
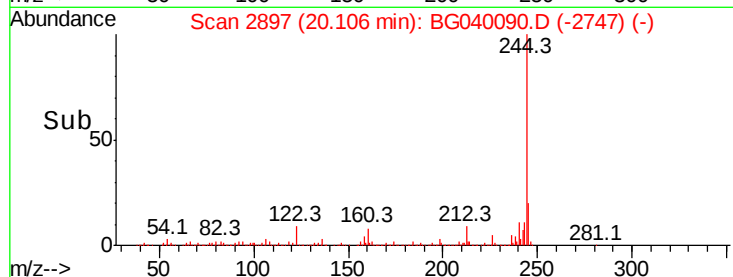
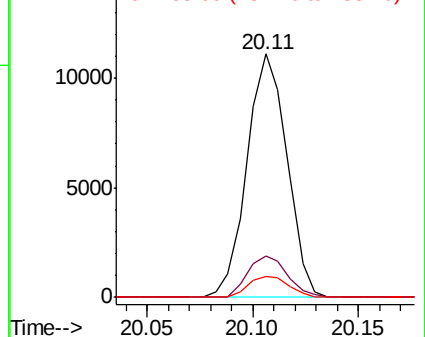
183 8.5 10.6 15.8#



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: 0.185 ng

RT: 20.11 min Scan# 2897

Delta R.T. 0.16 min

Lab File: BG040090.D

Acq: 22 Mar 2019 19:35

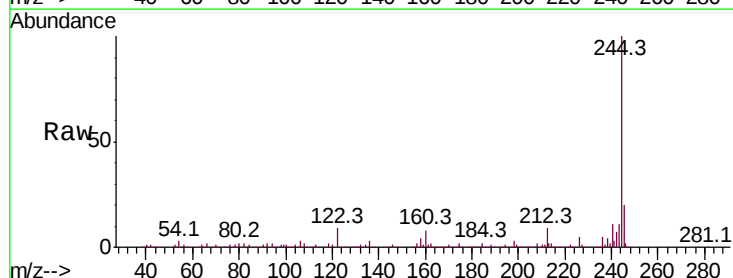
Tgt Ion:202 Resp: 3524

Ion Ratio Lower Upper

202 100

200 52.1 17.8 26.8#

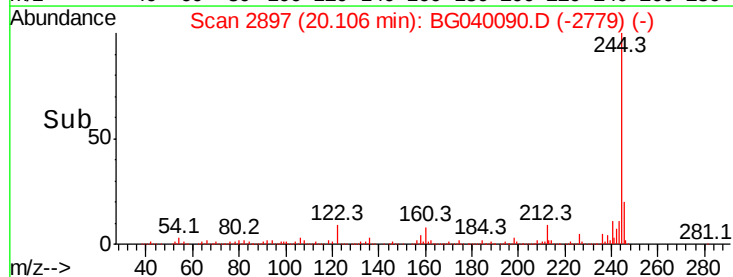
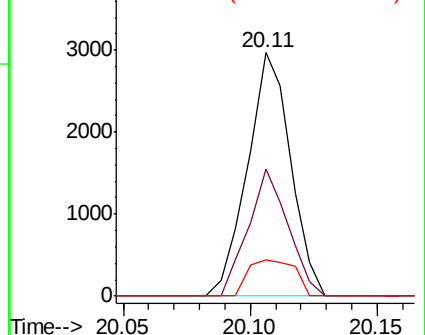
203 14.9 15.3 22.9#

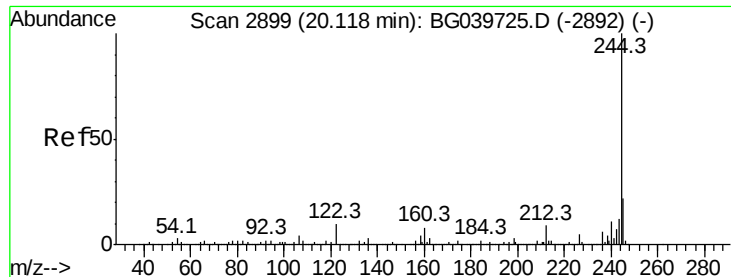


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 66.222 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040090.D

Acq: 22 Mar 2019 19:35

Instrument :

BNA_G

ClientSampled :

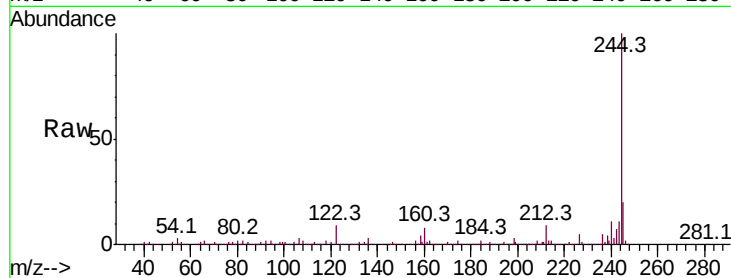
Tot Ion:244 Resp: 880808

Ion Ratio Lower Upper

244 100

212 8.6 7.3 10.9

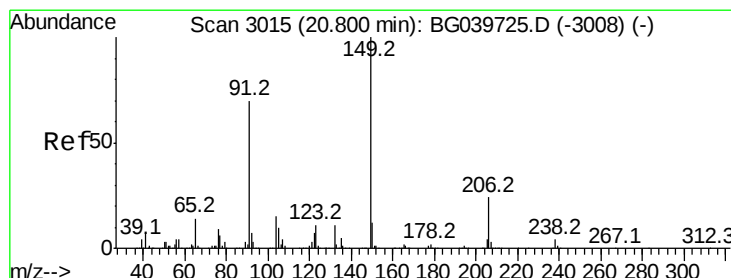
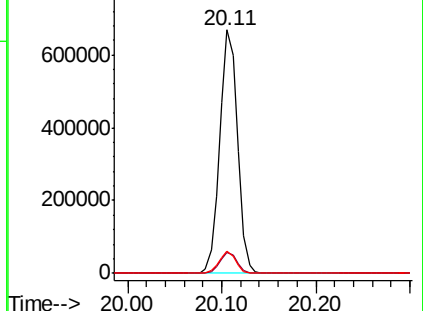
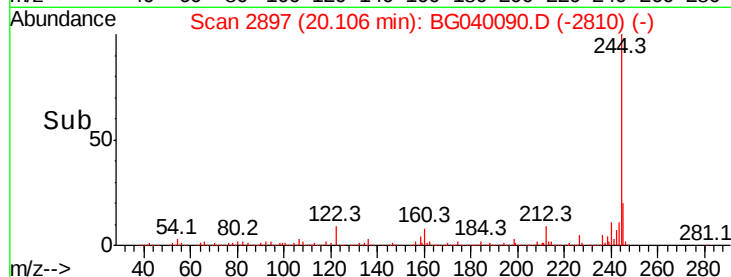
122 9.3 8.4 12.6



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: 0.008 ng

RT: 20.73 min Scan# 3003

Delta R.T. -0.08 min

Lab File: BG040090.D

Acq: 22 Mar 2019 19:35

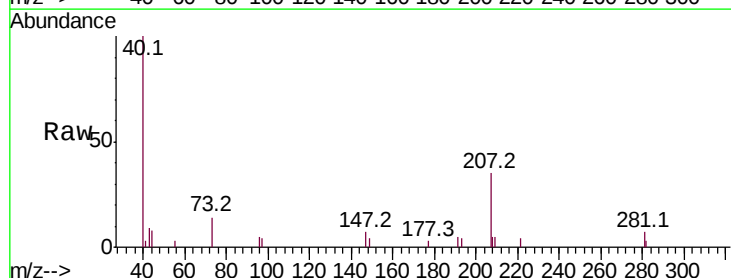
Tgt Ion:149 Resp: 62

Ion Ratio Lower Upper

149 100

91 0.0 59.5 89.3#

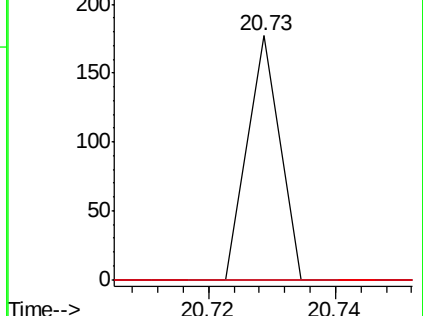
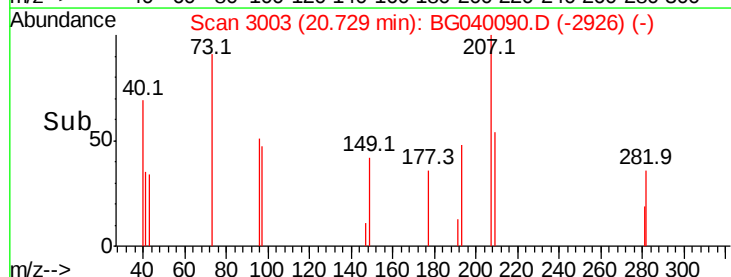
206 0.0 18.6 27.8#

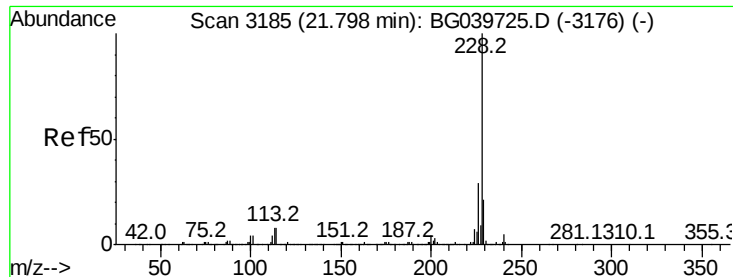


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.051 ng

RT: 21.80 min Scan# 3185

Delta R.T. -0.01 min

Lab File: BG040090.D

Acq: 22 Mar 2019 19:35

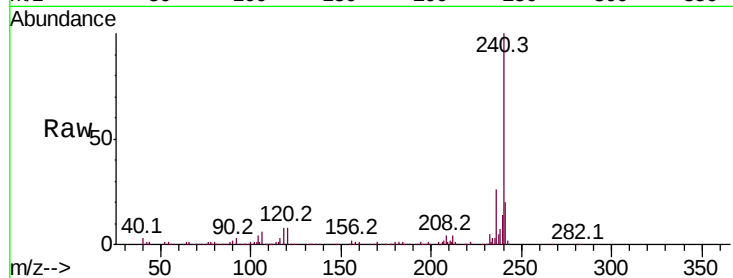
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 941

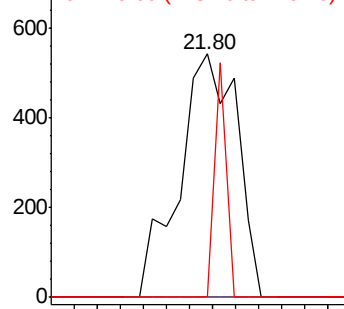
Ion	Ratio	Lower	Upper
228	100		
226	0.0	23.0	34.6#
229	0.0	16.9	25.3#



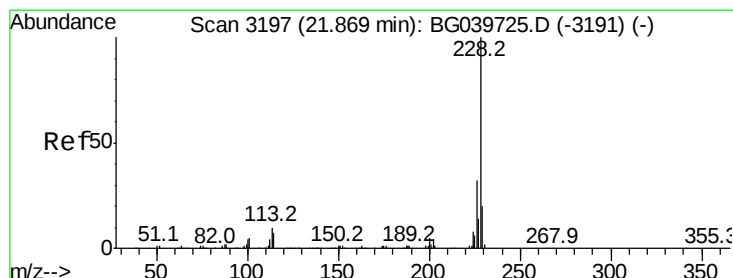
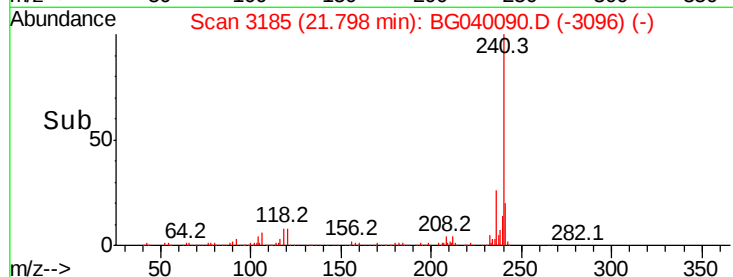
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#83

Chrysene

Concen: 0.053 ng

RT: 21.80 min Scan# 3185

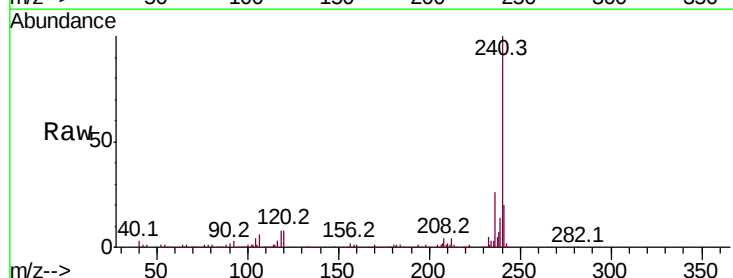
Delta R.T. -0.08 min

Lab File: BG040090.D

Acq: 22 Mar 2019 19:35

Tgt Ion:228 Resp: 941

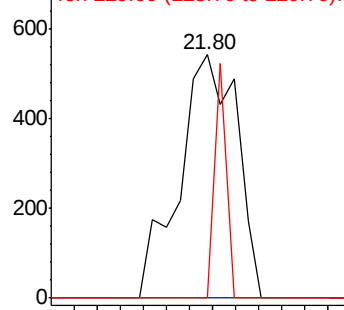
Ion	Ratio	Lower	Upper
228	100		
226	0.0	25.8	38.6#
229	0.0	16.6	25.0#



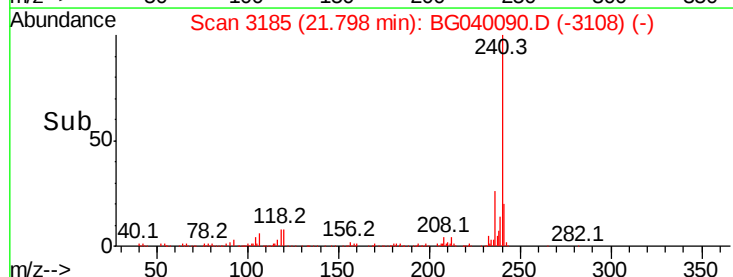
Abundance Ion 228.00 (227.70 to 228.70): E

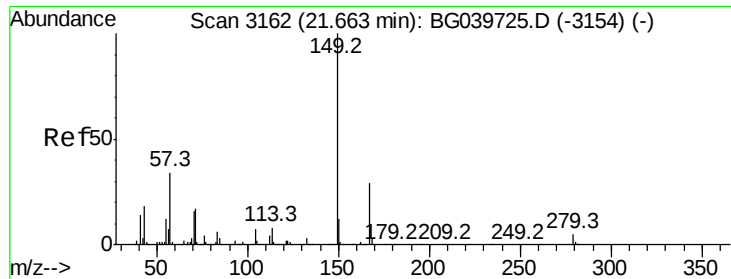
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.117 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.02 min

Lab File: BG040090.D

Acq: 22 Mar 2019 19:35

Instrument :

BNA_G

ClientSampled :

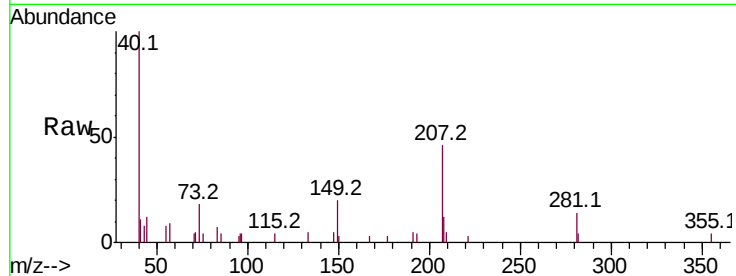
Tot Ion:149 Resp: 1213

Ion Ratio Lower Upper

149 100

167 16.1 22.6 34.0#

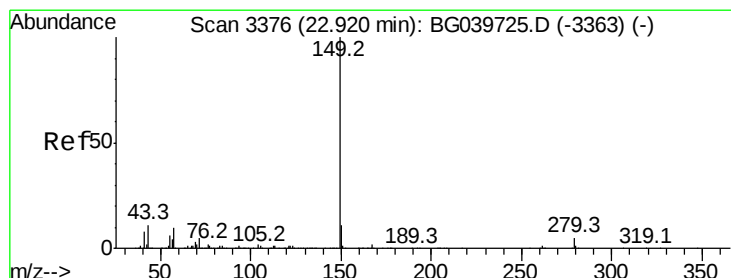
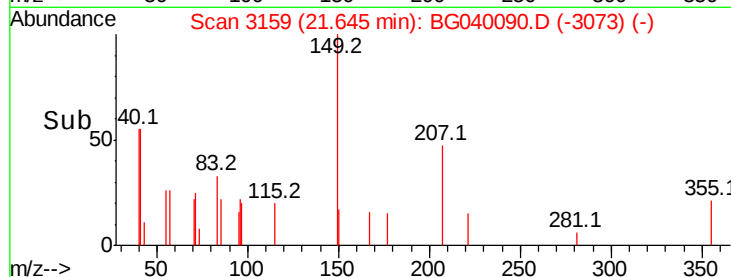
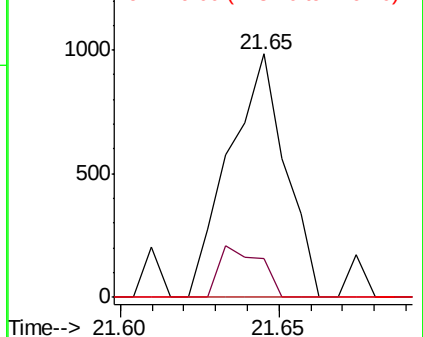
279 0.0 3.5 5.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 0.004 ng

RT: 22.92 min Scan# 3376

Delta R.T. -0.01 min

Lab File: BG040090.D

Acq: 22 Mar 2019 19:35

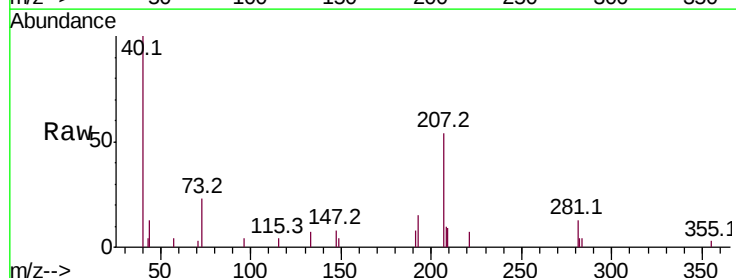
Tgt Ion:149 Resp: 63

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

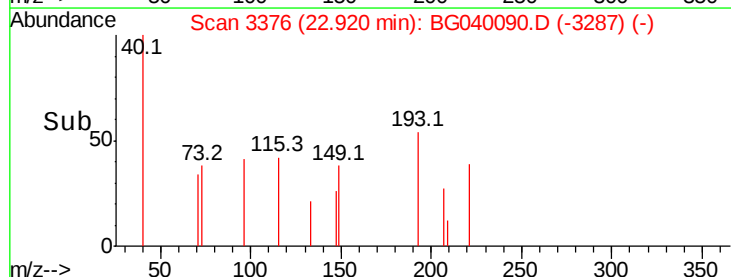
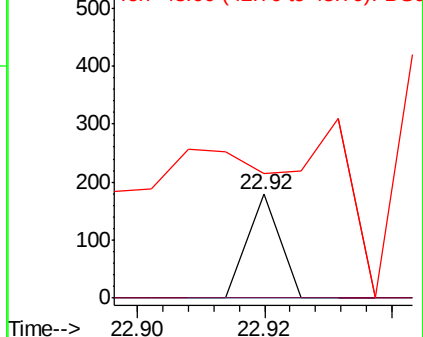
43 0.0 10.2 15.4#

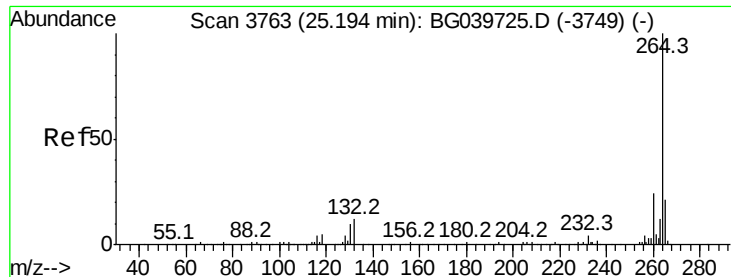


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

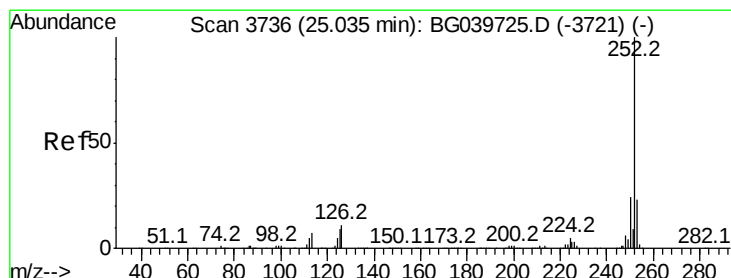
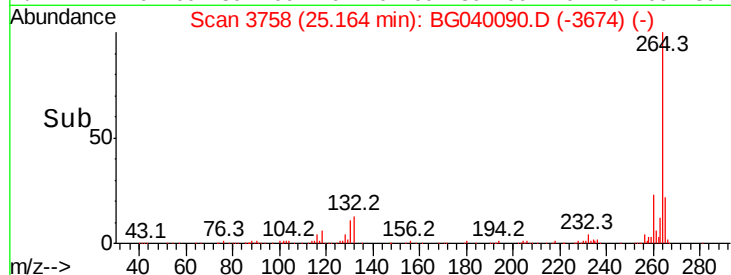
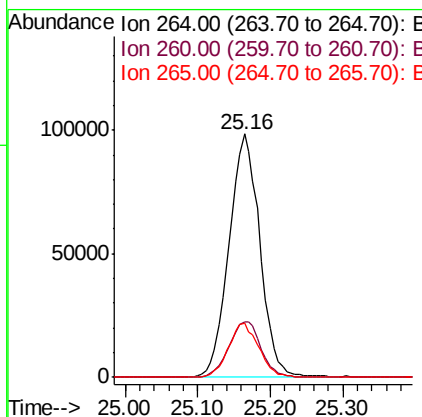




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.16 min Scan# 3758
Delta R.T. -0.04 min
Lab File: BG040090.D
Acq: 22 Mar 2019 19:35

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.2	27.4
265	22.4	18.5	27.7



#90
Benzo(a)pyrene
Concen: 0.046 ng
RT: 25.16 min Scan# 3758
Delta R.T. 0.12 min
Lab File: BG040090.D
Acq: 22 Mar 2019 19:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	53.8	17.9	26.9#
125	0.0	8.3	12.5#

