

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030819\
 Data File : BG039825.D
 Acq On : 8 Mar 2019 17:36
 Operator : JU/SJ
 Sample : K1807-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 08 23:12:17 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	8.16	152	40056	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	176707	20.00	ng	-0.02
39) Acenaphthene-d10	14.78	164	124540	20.00	ng	0.00
64) Phenanthrene-d10	17.52	188	308016	20.00	ng	0.00
76) Chrysene-d12	21.81	240	309039	20.00	ng	-0.02
87) Perylene-d12	25.18	264	313202	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.70	112	358811	152.82	ng	0.00
7) Phenol-d6	7.30	99	538292	153.76	ng	-0.02
23) Nitrobenzene-d5	9.33	82	312681	95.70	ng	-0.02
42) 2,4,6-Tribromophenol	16.27	330	220352	151.80	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	782230	89.43	ng	-0.02
79) Terphenyl-d14	20.12	244	1178940	84.00	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.60	88	60	0.055	ng	# 1
3) Pyridine	3.95	79	56	0.019	ng	# 1
4) n-Nitrosodimethylamine	3.94	42	60	0.044	ng	# 1
6) Aniline	7.32	93	63	0.014	ng	# 1
8) 2-Chlorophenol	7.68	128	59	0.021	ng	# 1
9) Benzaldehyde	7.30	77	926	0.410	ng	# 4
10) Phenol	7.33	94	8895	2.345	ng	# 84
11) bis(2-Chloroethyl)ether	7.69	93	596	0.202	ng	# 1
15) Benzyl Alcohol	8.48	79	4857	1.749	ng	# 42
19) n-Nitroso-di-n-propylamine	9.33	70	40853	16.212	ng	# 70
22) Acetophenone	8.65	105	59	0.012	ng	# 44
24) Nitrobenzene	9.33	77	1022	0.298	ng	# 46
37) 2-Methylnaphthalene	13.01	142	59	0.008	ng	# 13
38) 1-Methylnaphthalene	13.01	142	59	0.009	ng	# 7
41) Hexachlorocyclopentadiene	12.85	237	57	0.025	ng	# 27
46) 1,1'-Biphenyl	13.61	154	1185	0.116	ng	# 67
47) 2-Chloronaphthalene	13.76	162	634	0.082	ng	# 39
48) 2-Nitroaniline	14.22	65	396	0.160	ng	# 1
50) Dimethylphthalate	14.22	163	62308	5.983	ng	# 96
51) 2,6-Dinitrotoluene	14.22	165	837	0.379	ng	# 1
52) Acenaphthene	14.78	154	411	0.054	ng	# 5
56) 4-Nitrophenol	15.05	139	54	0.027	ng	# 1
57) 2,4-Dinitrotoluene	14.78	165	15692	5.059	ng	# 17
58) Fluorene	16.26	166	9674	0.985	ng	# 88
60) Diethylphthalate	15.57	149	557	0.054	ng	# 58
63) Azobenzene	16.26	77	1242	0.133	ng	# 8
65) 4,6-Dinitro-2-methylphenol	16.26	198	679	0.373	ng	# 1
66) n-Nitrosodiphenylamine	16.27	169	9594	1.076	ng	# 46
67) 4-Bromophenyl-phenylether	16.27	248	17071	4.951	ng	# 1
70) Pentachlorophenol	17.13	266	58	0.026	ng	# 18
71) Phenanthrene	17.57	178	317	0.019	ng	# 59
72) Anthracene	17.57	178	317	0.019	ng	# 60
74) Di-n-butylphthalate	18.46	149	3263	0.186	ng	# 92
75) Fluoranthene	19.57	202	122	0.006	ng	# 63

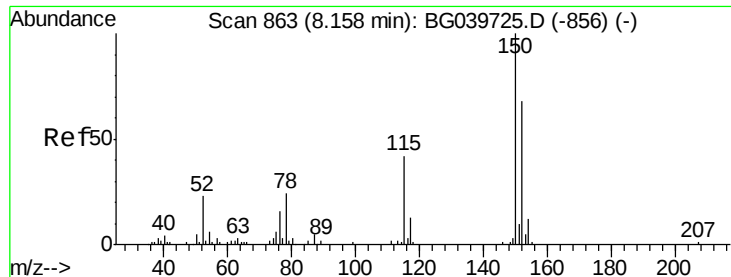
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030819\
Data File : BG039825.D
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QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
77) Benzidine	20.12	184	20708	2.112	nq	# 91
78) Pyrene	20.12	202	4568	0.227	nq	# 73
80) Butylbenzylphthalate	20.65	149	69	0.009	nq	# 22
81) Benzo(a)anthracene	21.81	228	743	0.038	nq	# 46
83) Chrysene	21.81	228	743	0.040	nq	# 43
84) Bis(2-ethylhexyl)phthalate	21.65	149	744	0.068	nq	# 52
85) Di-n-octyl phthalate	22.91	149	55	0.003	nq	# 1
90) Benzo(a)pyrene	25.07	252	81	0.005	nq	# 59

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

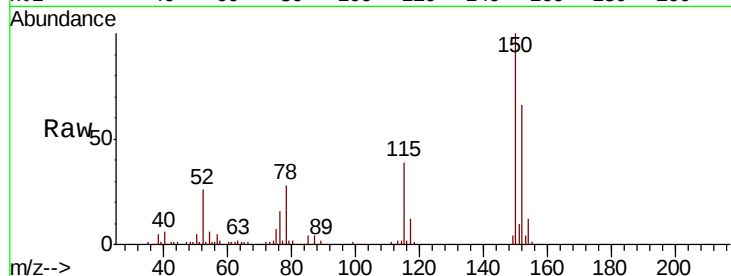


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: BG039825.D
Acq: 8 Mar 2019 17:36

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.8	123.7	185.5
115	59.0	45.9	68.9

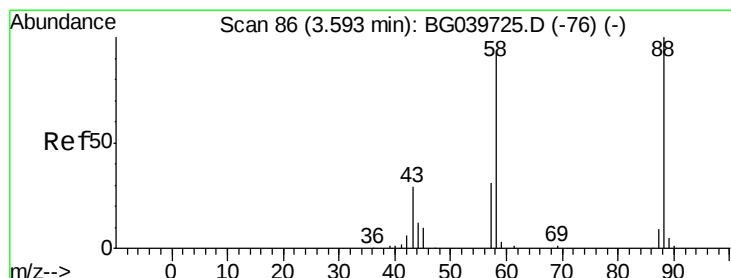
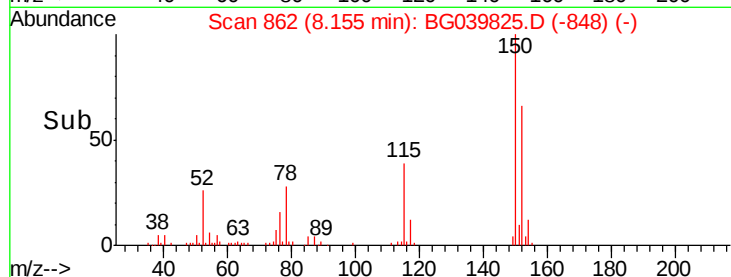
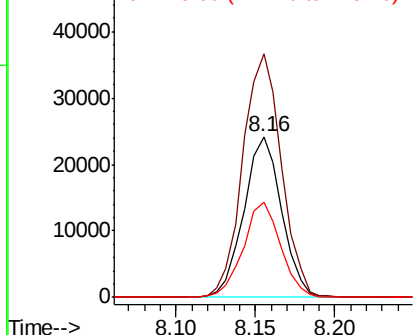


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

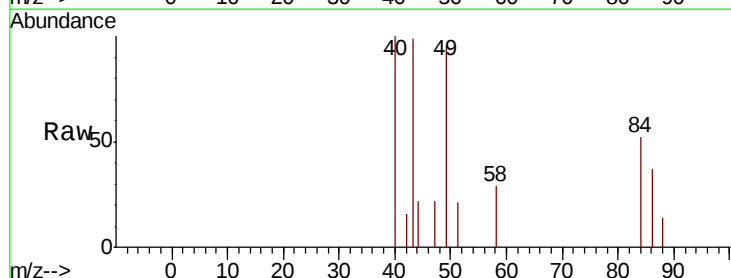
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 0.055 ng
RT: 3.60 min Scan# 86
Delta R.T. -0.01 min
Lab File: BG039825.D
Acq: 8 Mar 2019 17:36

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	81.1	121.7#
43	1078.3	31.4	47.0#

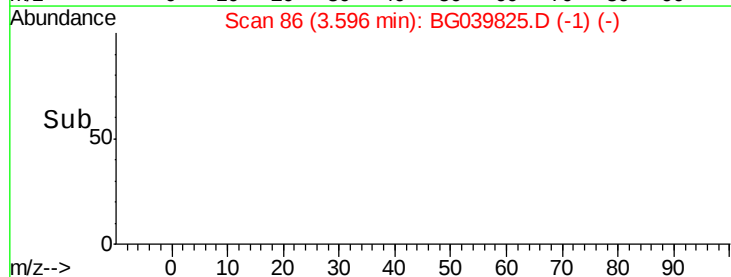
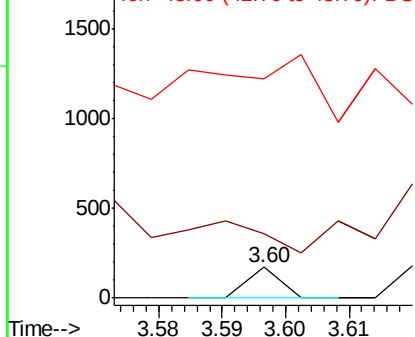


Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 0.019 ng

RT: 3.95 min Scan# 146

Delta R.T. -0.06 min

Lab File: BG039825.D

Acq: 8 Mar 2019 17:36

Instrument :

BNA_G

ClientSampleId :

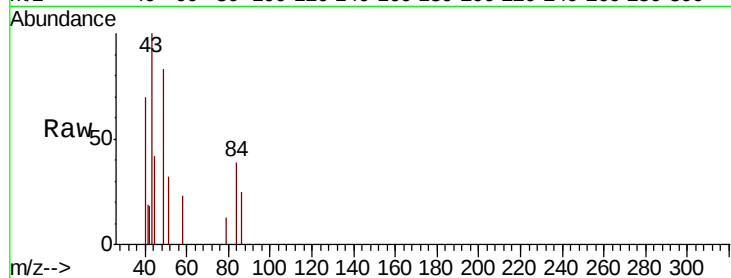
Tot Ion: 79 Resp: 56

Ion Ratio Lower Upper

79 100

52 0.0 82.6 124.0#

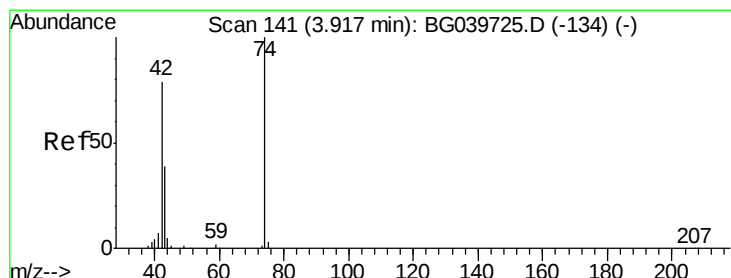
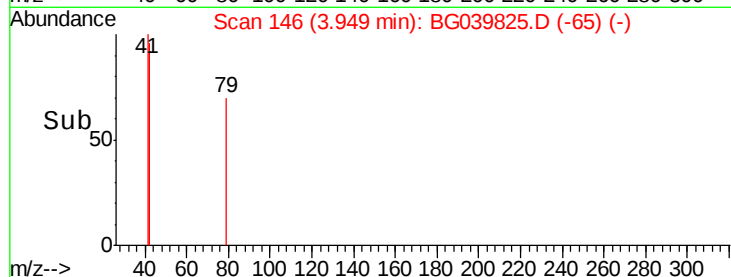
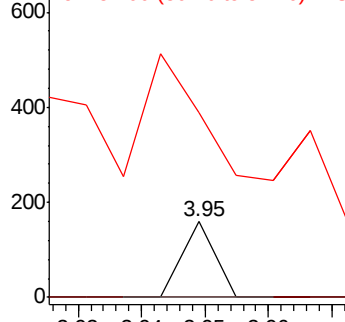
51 244.0 37.5 56.3#



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 0.044 ng

RT: 3.94 min Scan# 144

Delta R.T. 0.01 min

Lab File: BG039825.D

Acq: 8 Mar 2019 17:36

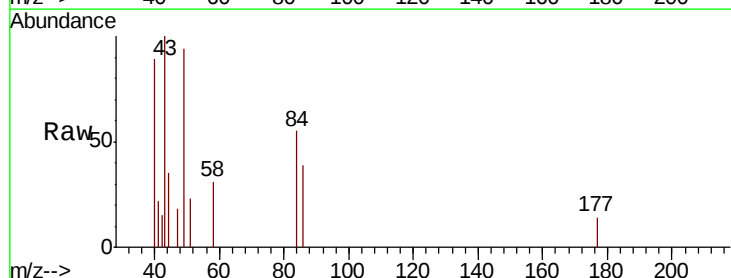
Tgt Ion: 42 Resp: 60

Ion Ratio Lower Upper

42 100

74 0.0 83.6 125.4#

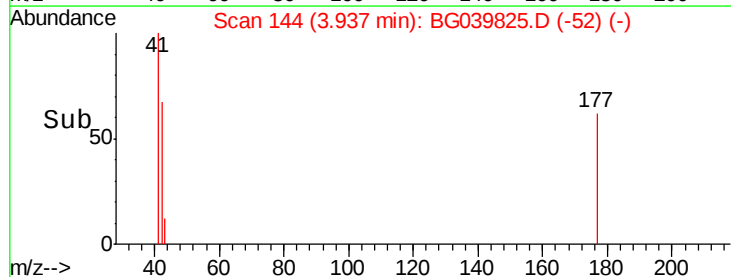
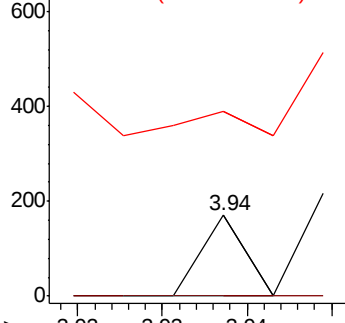
44 229.4 6.9 10.3#



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: 152.820 ng

RT: 5.70 min Scan# 444

Delta R.T. -0.01 min

Lab File: BG039825.D

Acq: 8 Mar 2019 17:36

Instrument :

BNA_G

ClientSampled :

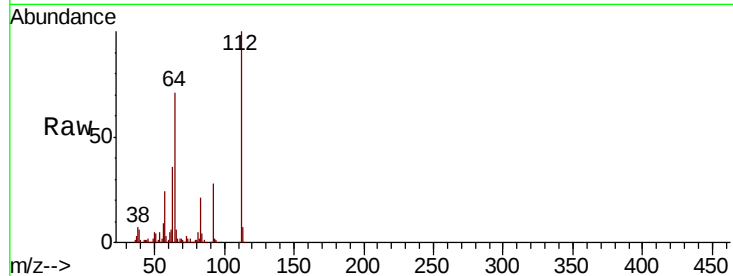
Tot Ion:112 Resp: 358811

Ion Ratio Lower Upper

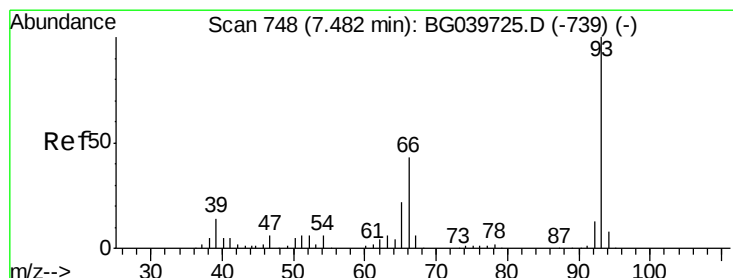
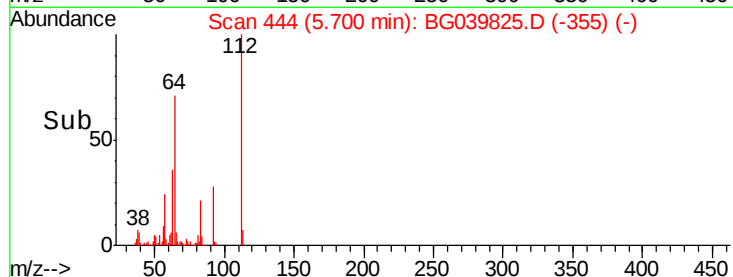
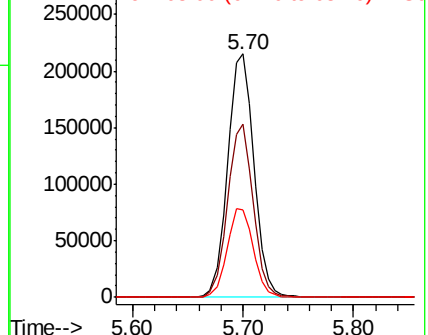
112 100

64 70.9 57.8 86.8

63 35.8 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: 0.014 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.17 min

Lab File: BG039825.D

Acq: 8 Mar 2019 17:36

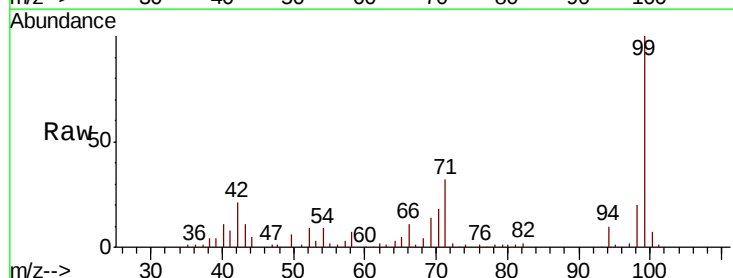
Tgt Ion: 93 Resp: 63

Ion Ratio Lower Upper

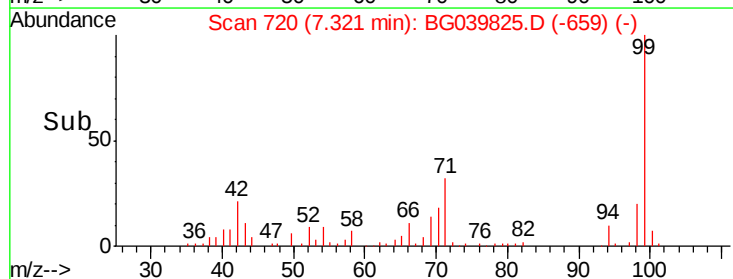
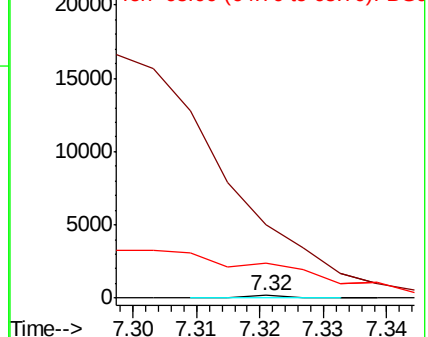
93 100

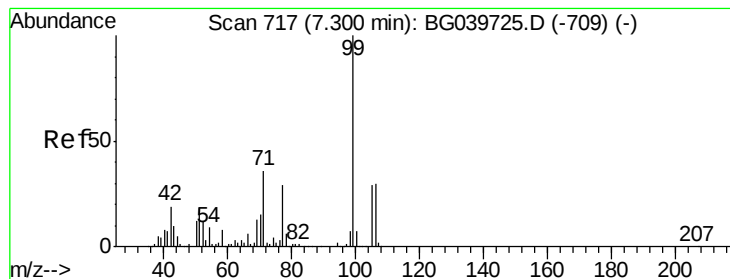
66 2769.4 34.2 51.4#

65 1345.0 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: 153.758 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039825.D

Acq: 8 Mar 2019 17:36

Instrument :

BNA_G

ClientSampleId :

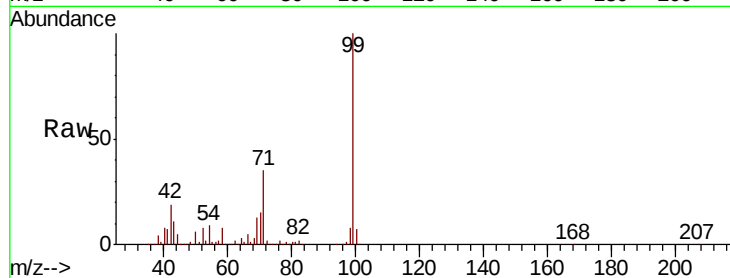
Tot Ion: 99 Resp: 538292

Ion Ratio Lower Upper

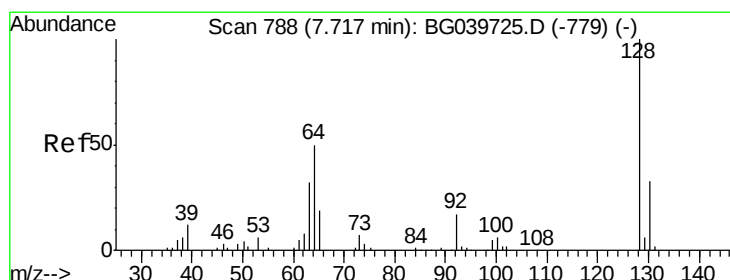
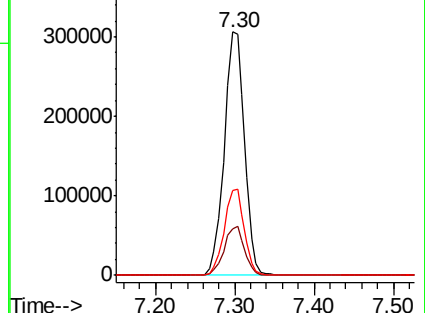
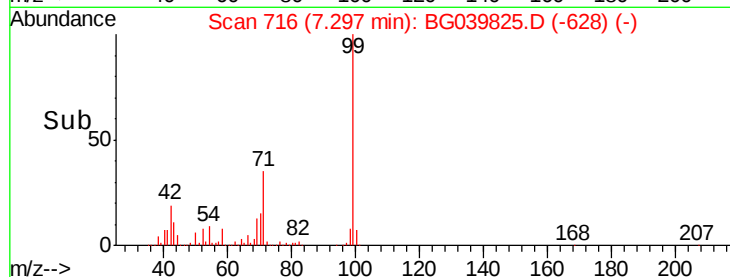
99 100

42 19.0 18.2 27.2

71 34.9 28.0 42.0



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



#8

2-Chlorophenol

Concen: 0.021 ng

RT: 7.68 min Scan# 781

Delta R.T. -0.04 min

Lab File: BG039825.D

Acq: 8 Mar 2019 17:36

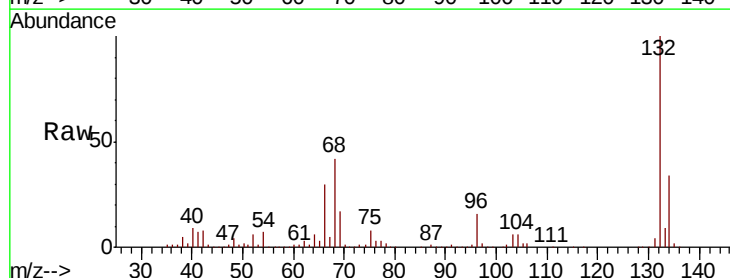
Tgt Ion: 128 Resp: 59

Ion Ratio Lower Upper

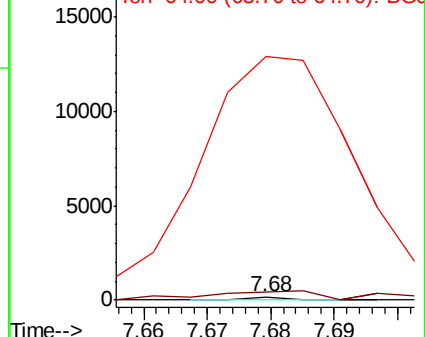
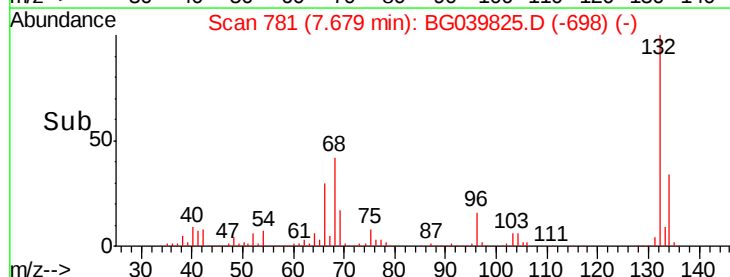
128 100

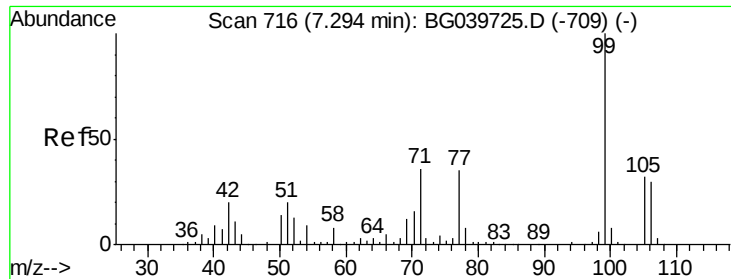
130 269.3 12.9 52.9#

64 7775.9 38.7 78.7#



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC

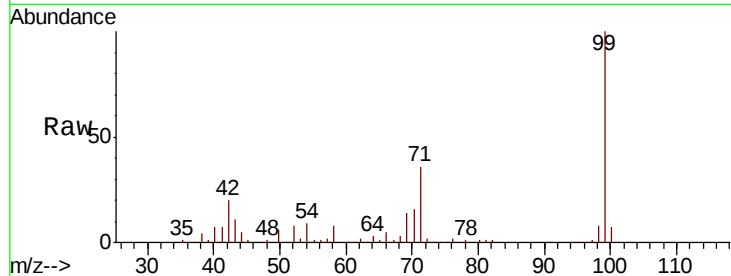




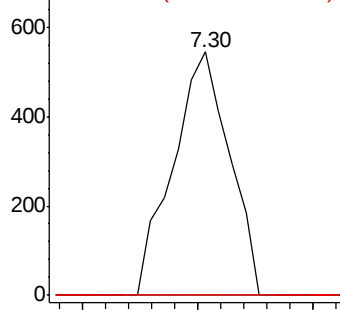
#9
Benzaldehydve
Concen: 0.410 ng
RT: 7.30 min Scan# 717
Delta R.T. -0.00 min
Lab File: BG039825.D
Acq: 8 Mar 2019 17:36

Instrument :
BNA_G
ClientSampleId :

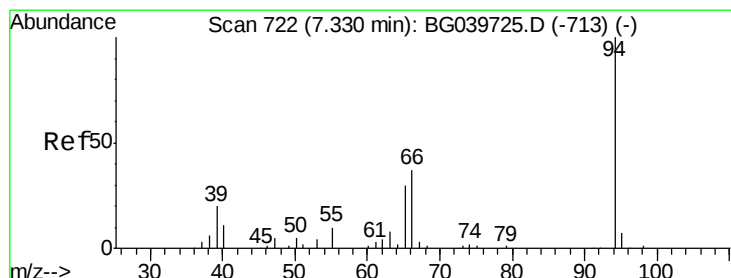
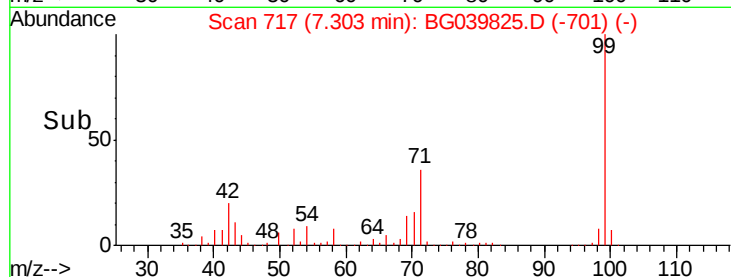
Tot Ion: 77 Resp: 926
Ion Ratio Lower Upper
77 100
105 0.0 74.5 114.5#
106 0.0 68.0 108.0#



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

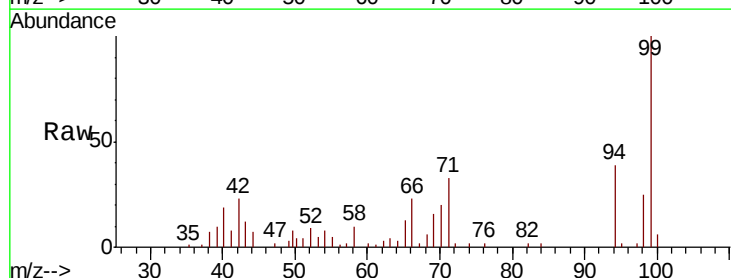


Time-->

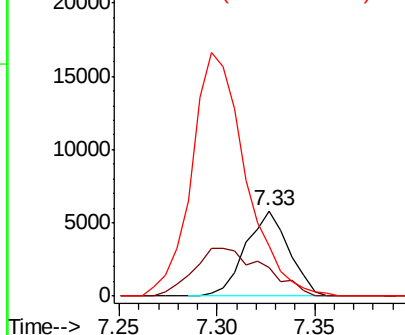


#10
Phenol
Concen: 2.345 ng
RT: 7.33 min Scan# 721
Delta R.T. -0.01 min
Lab File: BG039825.D
Acq: 8 Mar 2019 17:36

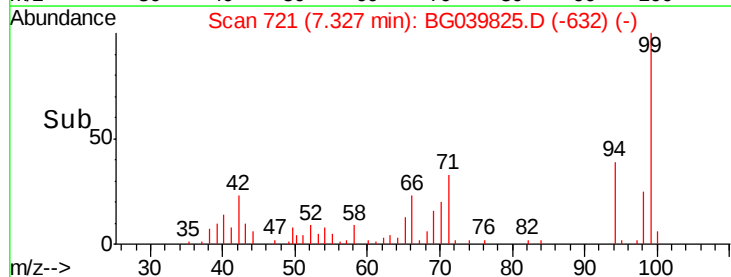
Tgt Ion: 94 Resp: 8895
Ion Ratio Lower Upper
94 100
65 34.1 11.7 51.7
66 59.0 23.7 63.7

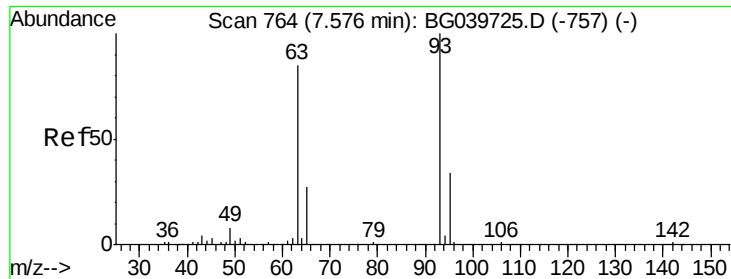


Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



Time-->

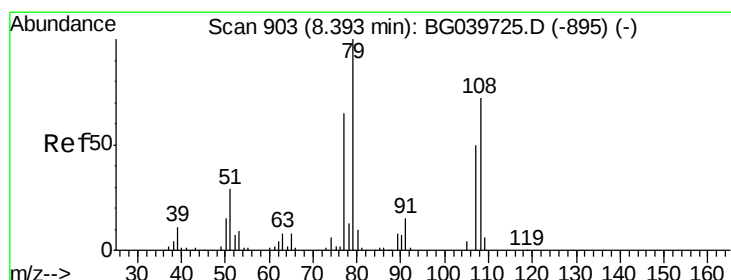
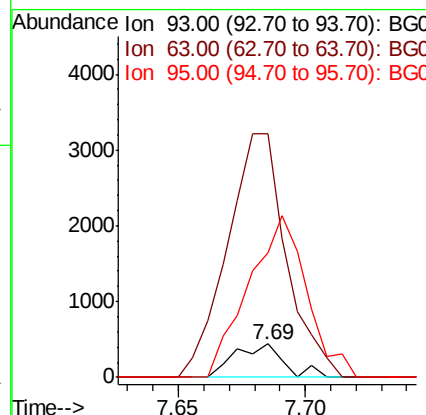
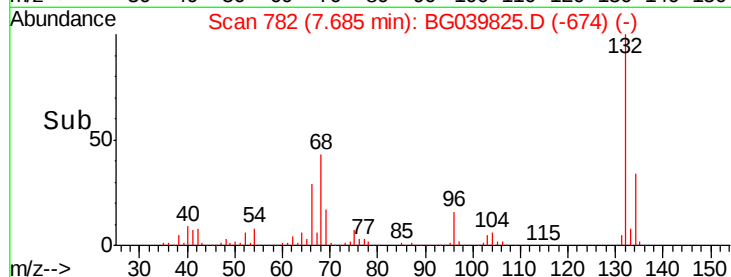
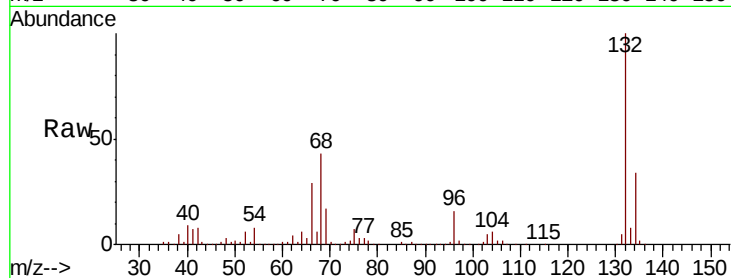




#11
bis(2-Chloroethyl)ether
Concen: 0.202 ng
RT: 7.69 min Scan# 782
Delta R.T. 0.10 min
Lab File: BG039825.D
Acq: 8 Mar 2019 17:36

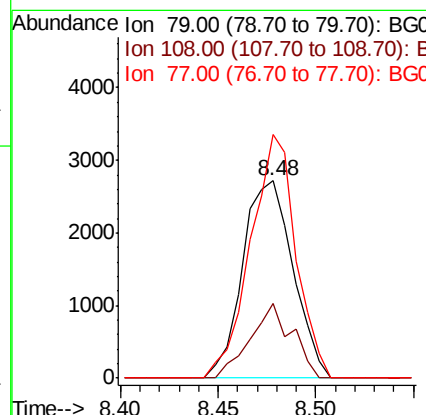
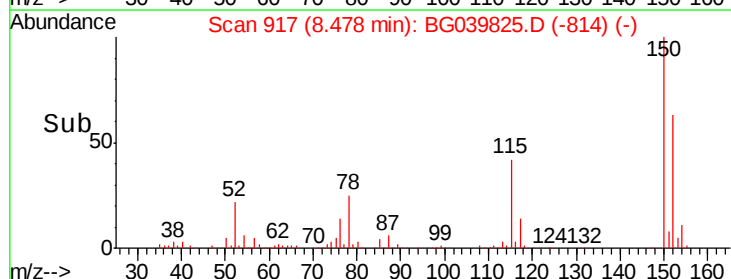
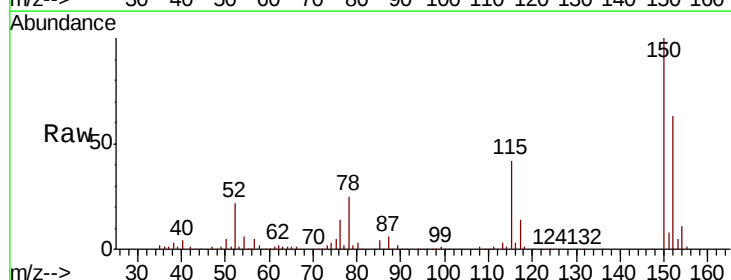
Instrument :
BNA_G
ClientSampleId :

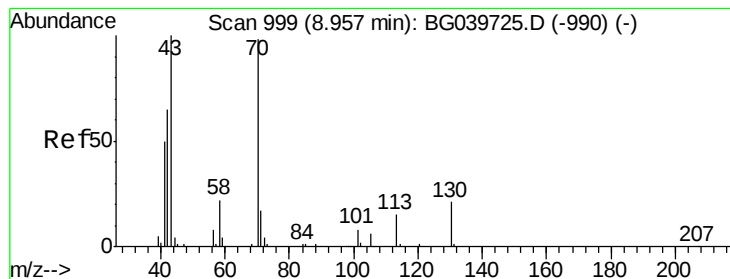
Tot Ion: 93 Resp: 596
Ion Ratio Lower Upper
93 100
63 728.1 69.5 109.5#
95 373.7 12.7 52.7#



#15
Benzyl Alcohol
Concen: 1.749 ng
RT: 8.48 min Scan# 917
Delta R.T. 0.07 min
Lab File: BG039825.D
Acq: 8 Mar 2019 17:36

Tgt Ion: 79 Resp: 4857
Ion Ratio Lower Upper
79 100
108 37.9 57.8 86.6#
77 123.4 51.1 76.7#





#19

n-Nitroso-di-n-propylamine

Concen: 16.212 ng

RT: 9.33 min Scan# 1062

Delta R.T. 0.36 min

Lab File: BG039825.D

Acq: 8 Mar 2019 17:36

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 40853

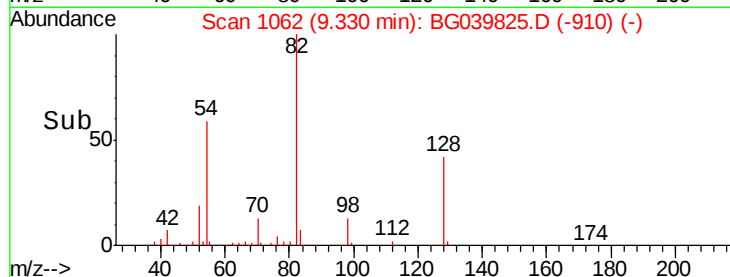
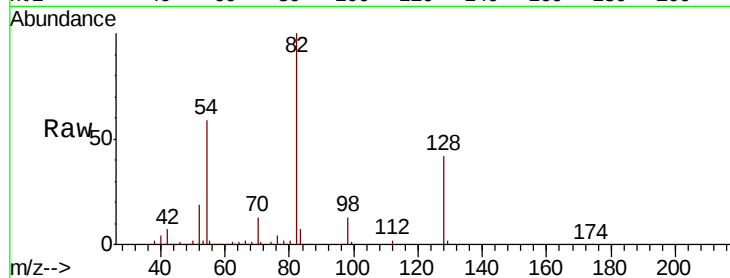
Ion Ratio Lower Upper

70 100

42 51.2 60.4 90.6#

101 0.0 7.5 11.3#

130 2.3 16.9 25.3#

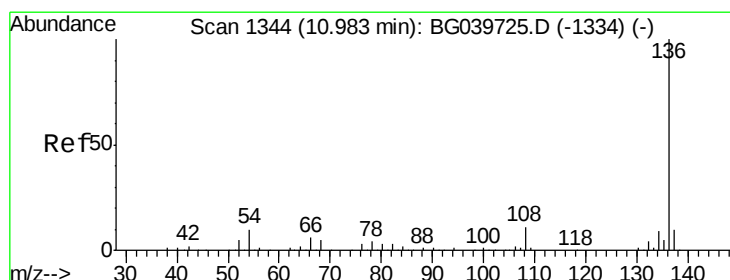
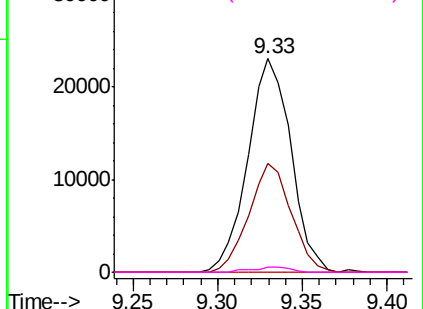


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.97 min Scan# 1342

Delta R.T. -0.02 min

Lab File: BG039825.D

Acq: 8 Mar 2019 17:36

Tgt Ion: 136 Resp: 176707

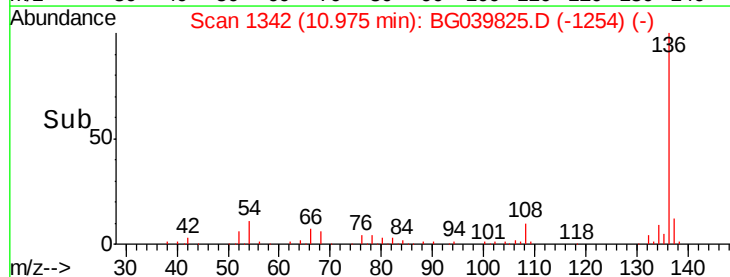
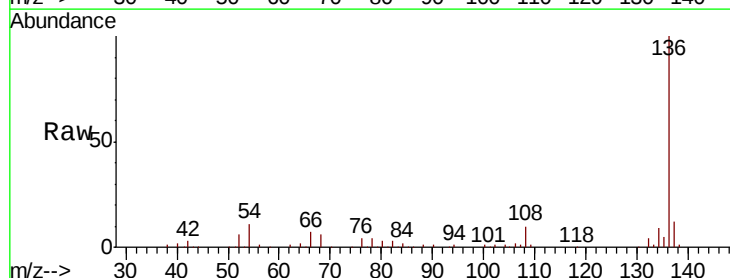
Ion Ratio Lower Upper

136 100

137 11.9 9.1 13.7

54 11.0 9.4 14.2

68 6.1 4.2 6.4

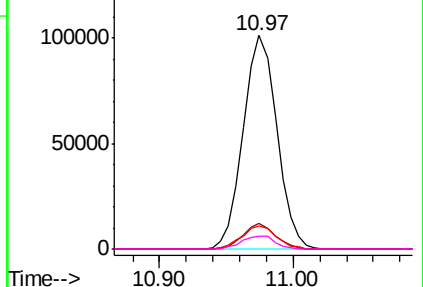


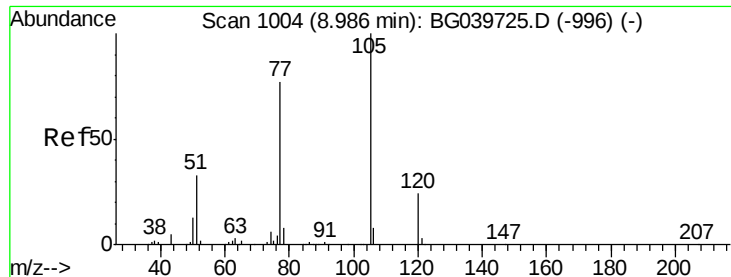
Abundance Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

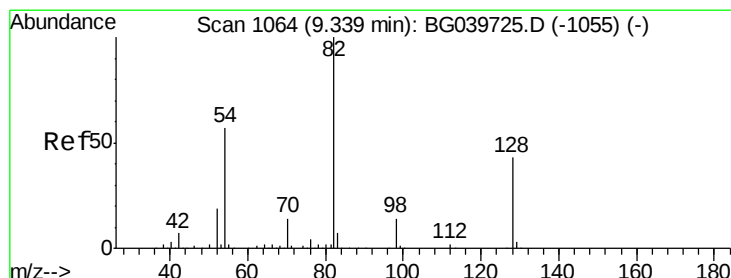
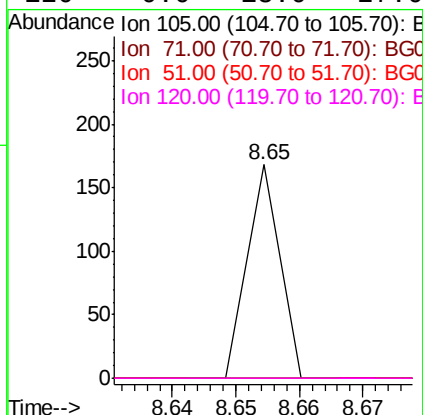
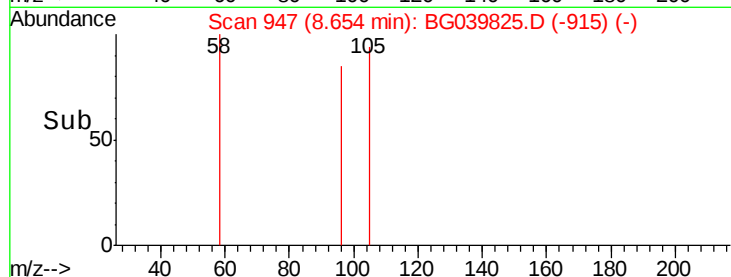
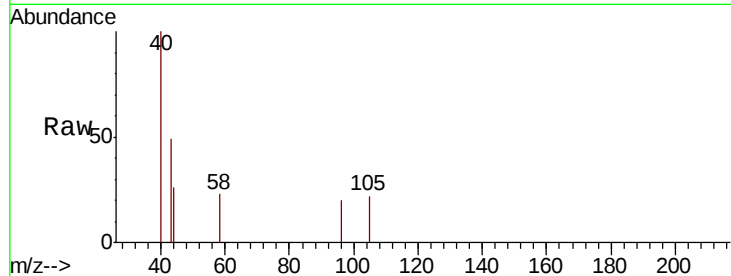




#22
Acetophenone
Concen: 0.012 ng
RT: 8.65 min Scan# 947
Delta R.T. -0.34 min
Lab File: BG039825.D
Acq: 8 Mar 2019 17:36

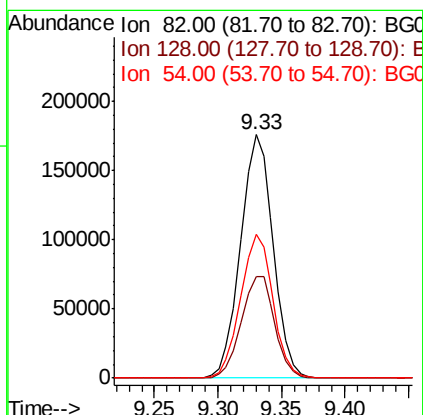
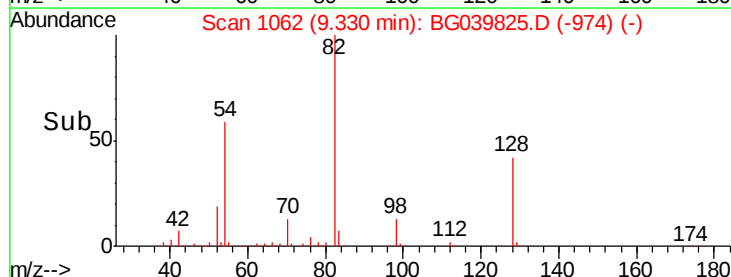
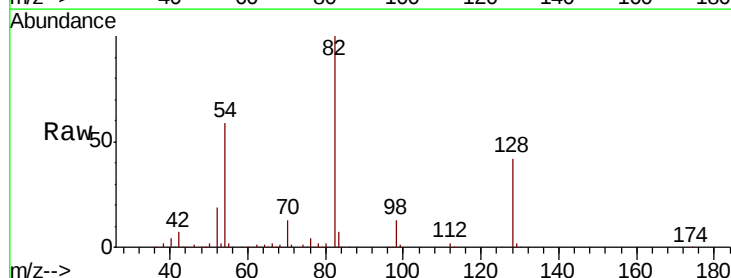
Instrument :
BNA_G
ClientSampled :

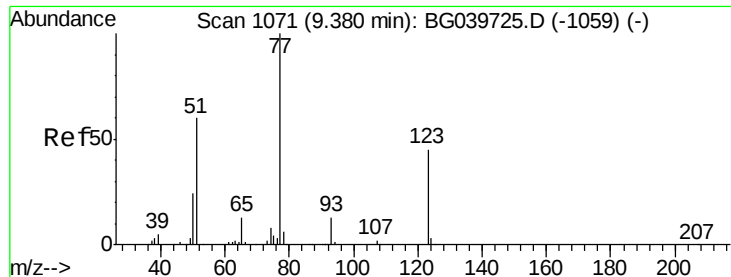
Tot Ion:105 Resp: 59
Ion Ratio Lower Upper
105 100
71 0.0 0.8 1.2#
51 0.0 30.2 45.2#
120 0.0 18.0 27.0#



#23
Nitrobenzene-d5
Concen: 95.701 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BG039825.D
Acq: 8 Mar 2019 17:36

Tgt Ion: 82 Resp: 312681
Ion Ratio Lower Upper
82 100
128 41.9 31.3 46.9
54 59.2 50.9 76.3





#24

Nitrobenzene

Concen: 0.298 ng

RT: 9.33 min Scan# 1062

Delta R.T. -0.06 min

Lab File: BG039825.D

Acq: 8 Mar 2019 17:36

Instrument :

BNA_G

ClientSampleId :

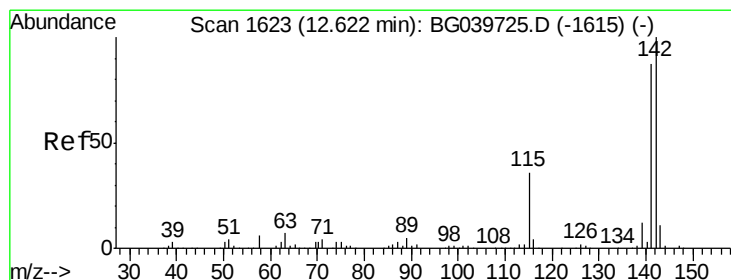
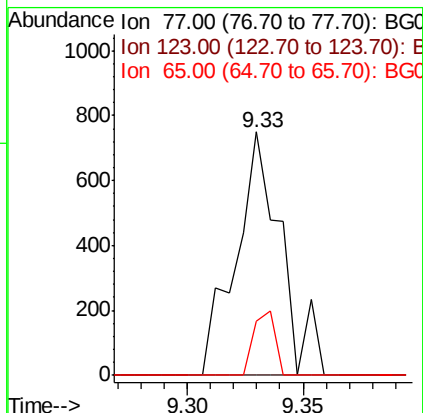
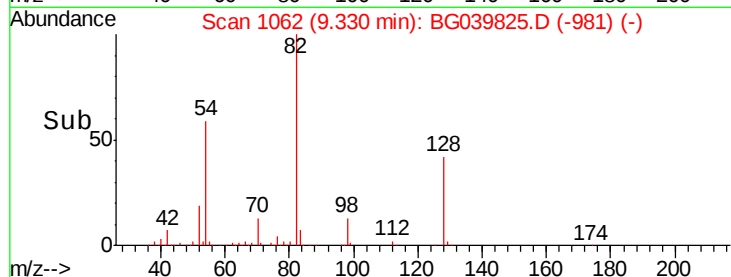
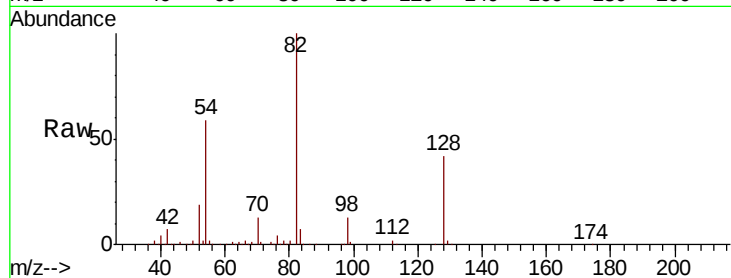
Tot Ion: 77 Resp: 1022

Ion Ratio Lower Upper

77 100

123 0.0 34.1 51.1#

65 22.4 12.3 18.5#



#37

2-Methylnaphthalene

Concen: 0.008 ng

RT: 13.01 min Scan# 1688

Delta R.T. 0.38 min

Lab File: BG039825.D

Acq: 8 Mar 2019 17:36

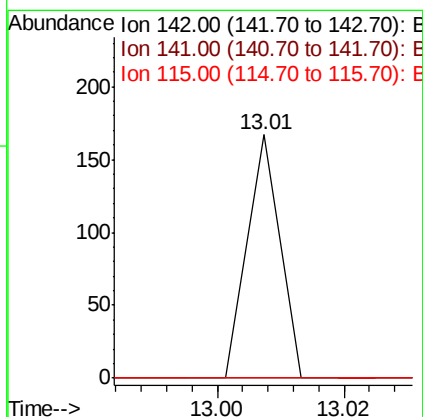
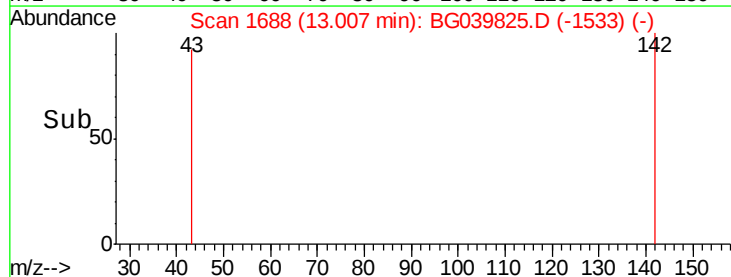
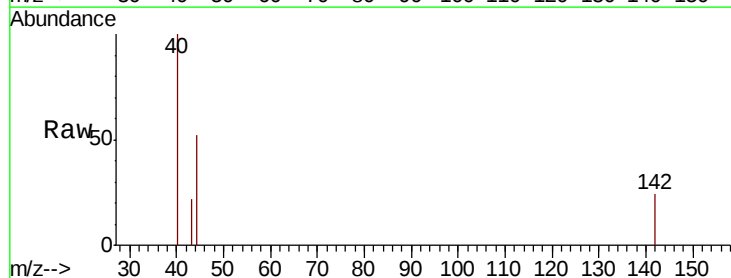
Tgt Ion: 142 Resp: 59

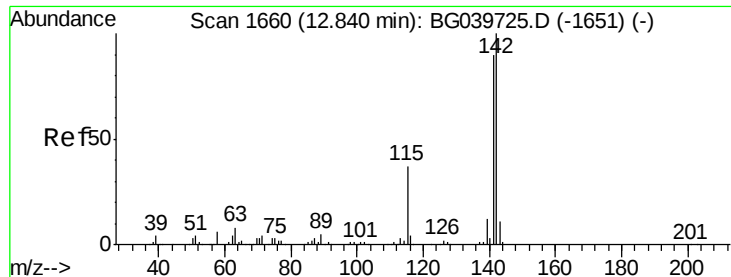
Ion Ratio Lower Upper

142 100

141 0.0 73.5 110.3#

115 0.0 30.8 46.2#

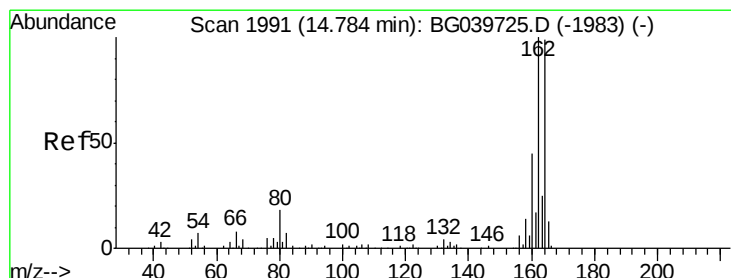
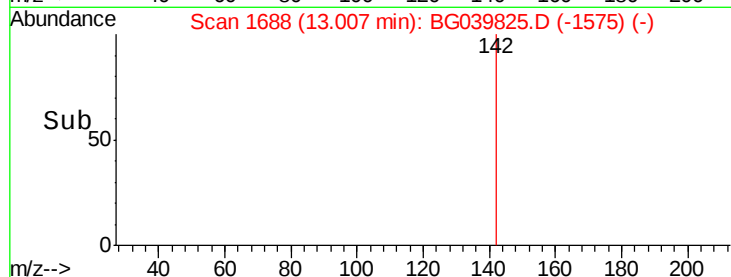
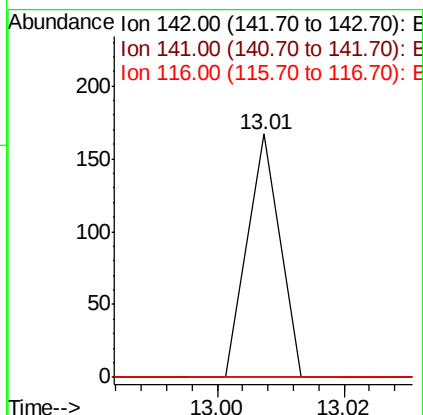
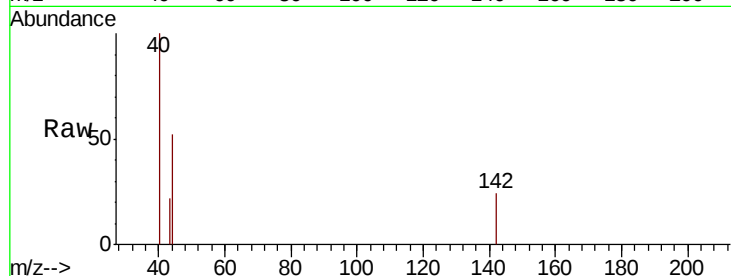




#38
1-Methylnaphthalene
Concen: 0.009 ng
RT: 13.01 min Scan# 1688
Delta R.T. 0.16 min
Lab File: BG039825.D
Acq: 8 Mar 2019 17:36

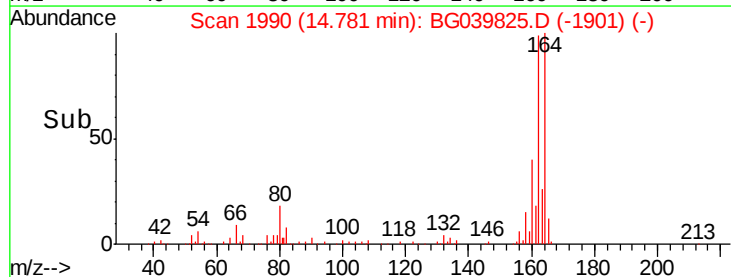
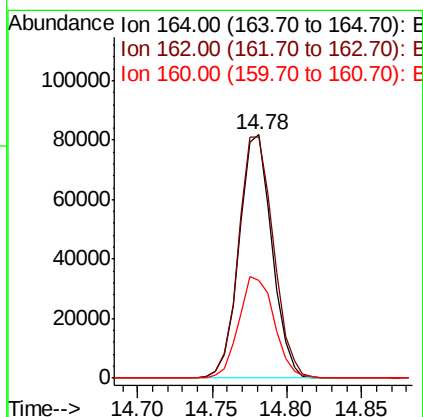
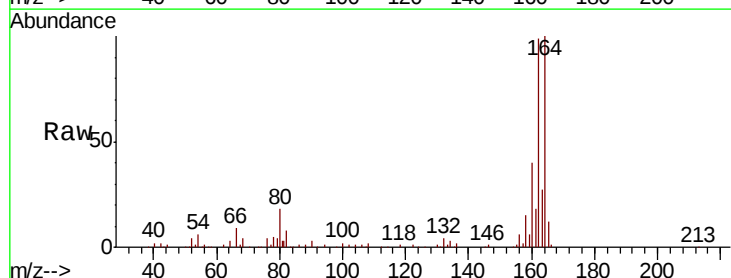
Instrument :
BNA_G
ClientSampleId :

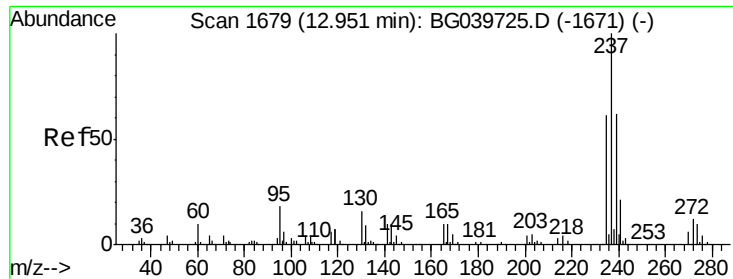
Tot Ion:142 Resp: 59
Ion Ratio Lower Upper
142 100
141 0.0 74.2 111.4#
116 0.0 3.0 4.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG039825.D
Acq: 8 Mar 2019 17:36

Tgt Ion:164 Resp: 124540
Ion Ratio Lower Upper
164 100
162 98.8 81.6 122.4
160 40.0 34.2 51.2





#41

Hexachlorocyclopentadiene

Concen: 0.025 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.11 min

Lab File: BG039825.D

Acq: 8 Mar 2019 17:36

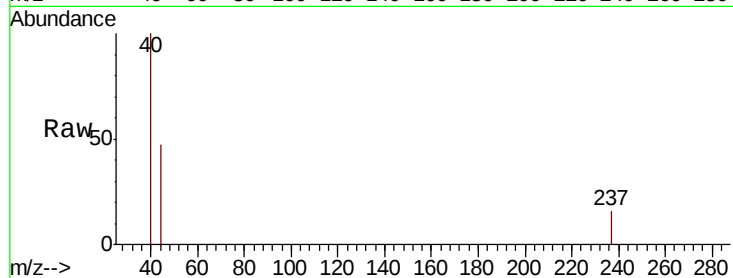
Instrument :

BNA_G

ClientSampled :

Tot Ion:237 Resp: 57

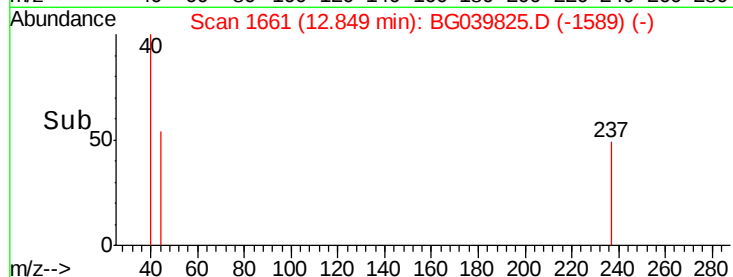
Ion	Ratio	Lower	Upper
237	100		
235	0.0	43.3	83.3#
272	0.0	0.0	32.3



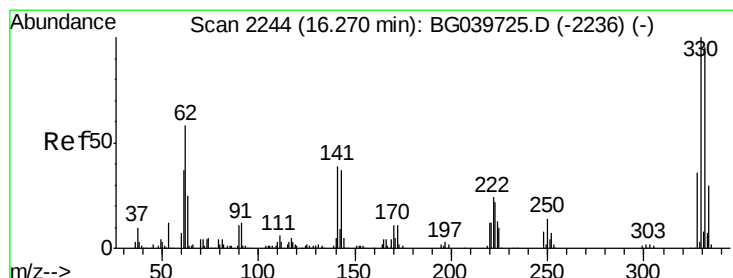
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->



#42

2,4,6-Tribromophenol

Concen: 151.799 ng

RT: 16.27 min Scan# 2243

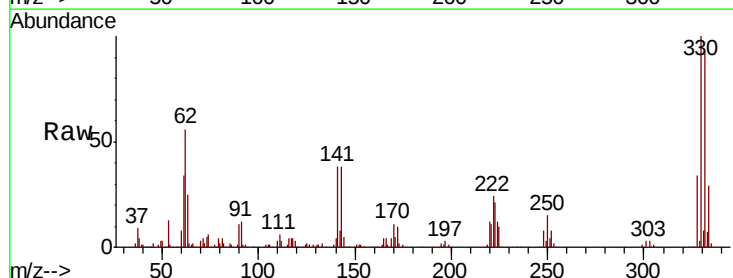
Delta R.T. -0.01 min

Lab File: BG039825.D

Acq: 8 Mar 2019 17:36

Tgt Ion:330 Resp: 220352

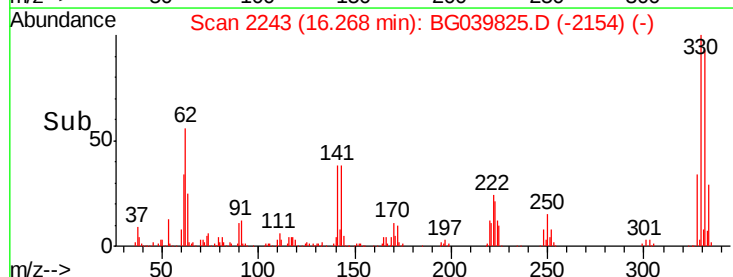
Ion	Ratio	Lower	Upper
330	100		
332	95.3	75.7	113.5
141	41.5	35.6	53.4



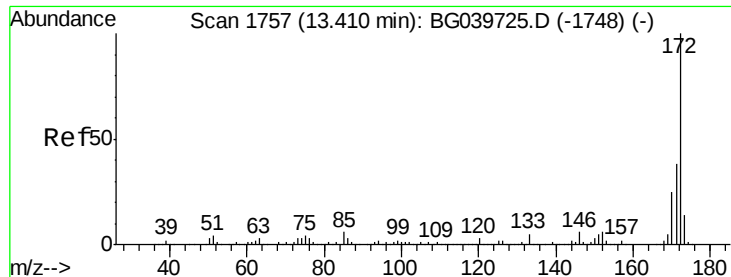
Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



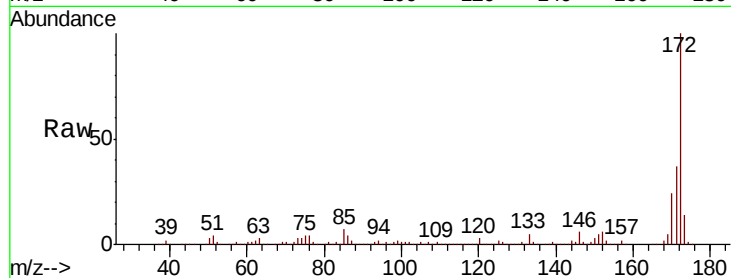
Time-->



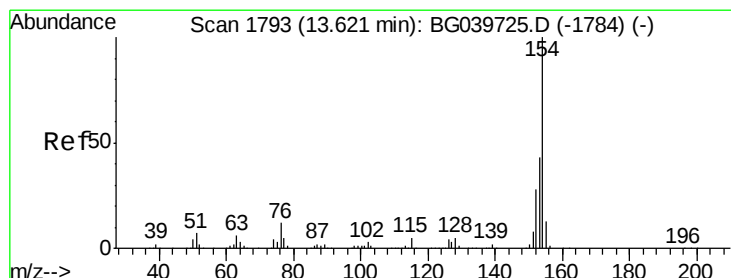
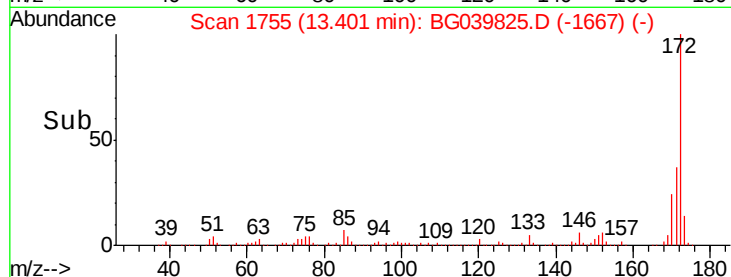
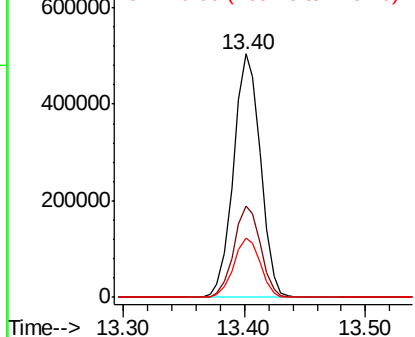
#45
2-Fluorobiphenyl
Concen: 89.430 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.02 min
Lab File: BG039825.D
Acq: 8 Mar 2019 17:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 782230
Ion Ratio Lower Upper
172 100
171 37.4 30.8 46.2
170 24.4 20.2 30.4

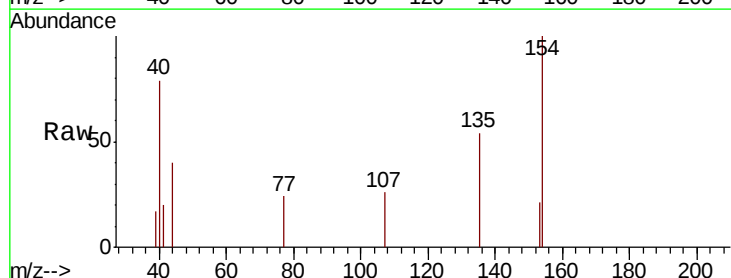


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

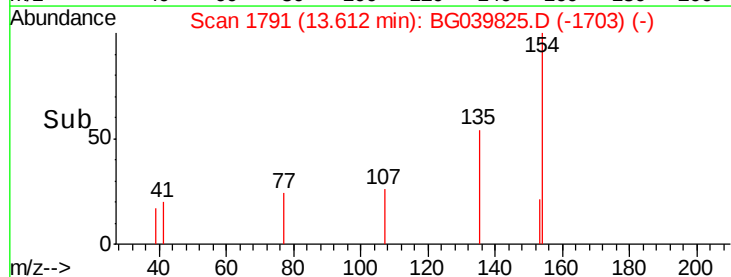
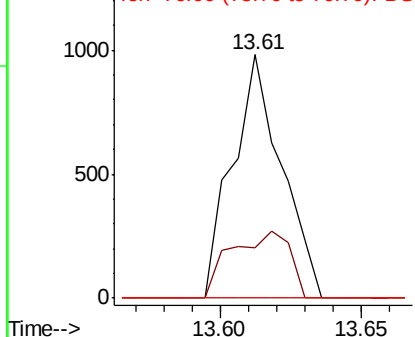


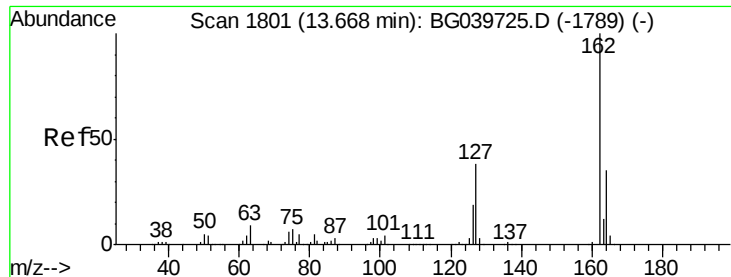
#46
1,1'-Biphenyl
Concen: 0.116 ng
RT: 13.61 min Scan# 1791
Delta R.T. -0.02 min
Lab File: BG039825.D
Acq: 8 Mar 2019 17:36

Tgt Ion:154 Resp: 1185
Ion Ratio Lower Upper
154 100
153 20.7 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





#47

2-Chloronaphthalene

Concen: 0.082 ng

RT: 13.76 min Scan# 1816

Delta R.T. 0.08 min

Lab File: BG039825.D

Acq: 8 Mar 2019 17:36

Instrument :

BNA_G

ClientSampleId :

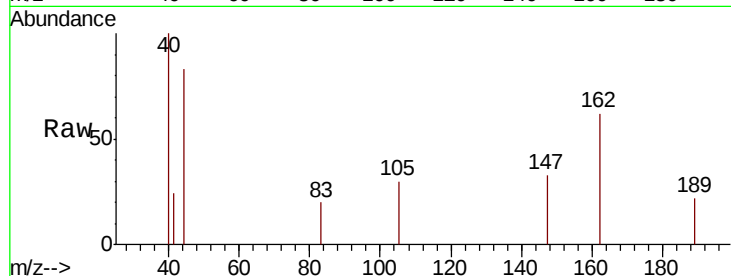
Tot Ion:162 Resp: 634

Ion Ratio Lower Upper

162 100

127 0.0 31.0 46.6#

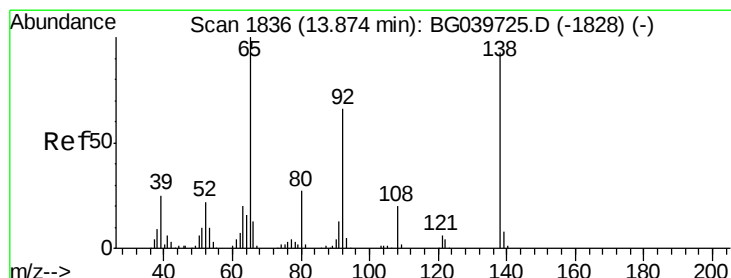
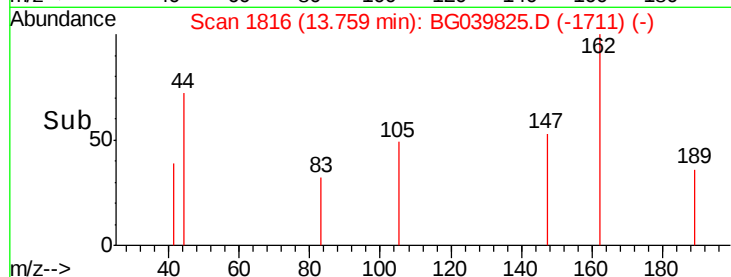
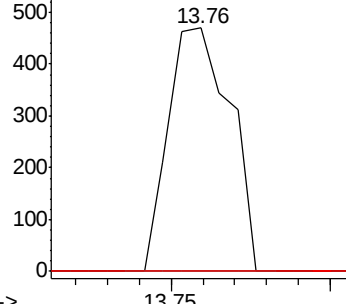
164 0.0 25.7 38.5#



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 0.160 ng

RT: 14.22 min Scan# 1895

Delta R.T. 0.34 min

Lab File: BG039825.D

Acq: 8 Mar 2019 17:36

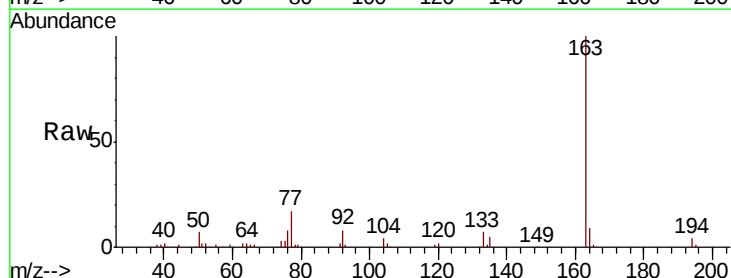
Tgt Ion: 65 Resp: 396

Ion Ratio Lower Upper

65 100

92 886.8 51.4 77.2#

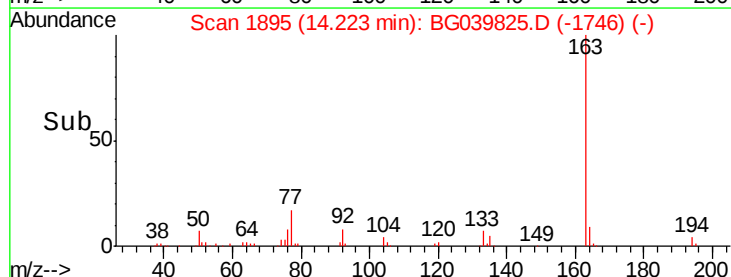
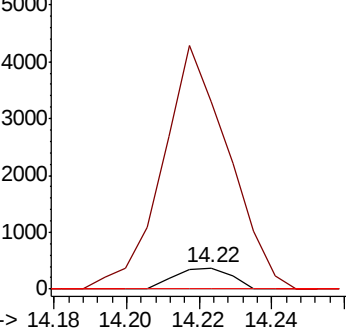
138 0.0 71.4 107.2#

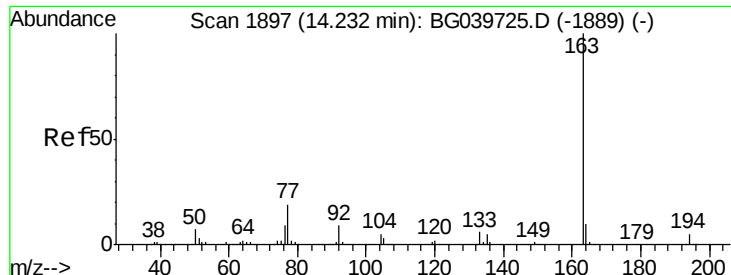


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#50

Dimethylphthalate

Concen: 5.983 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BG039825.D

Acq: 8 Mar 2019 17:36

Instrument :

BNA_G

ClientSampled :

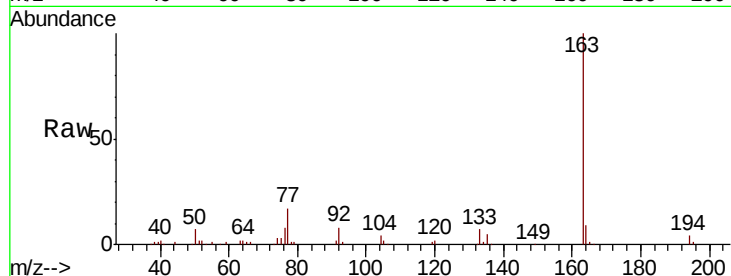
Tot Ion:163 Resp: 62308

Ion Ratio Lower Upper

163 100

194 3.9 3.6 5.4

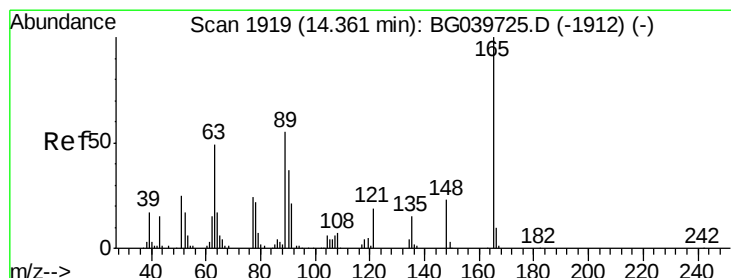
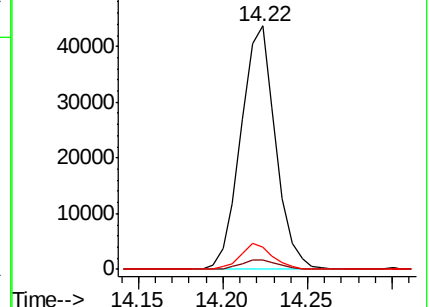
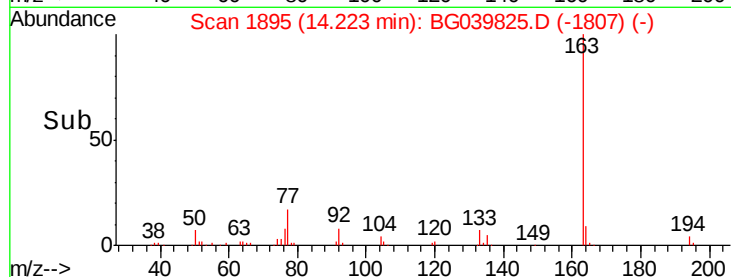
164 8.9 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 0.379 ng

RT: 14.22 min Scan# 1894

Delta R.T. -0.15 min

Lab File: BG039825.D

Acq: 8 Mar 2019 17:36

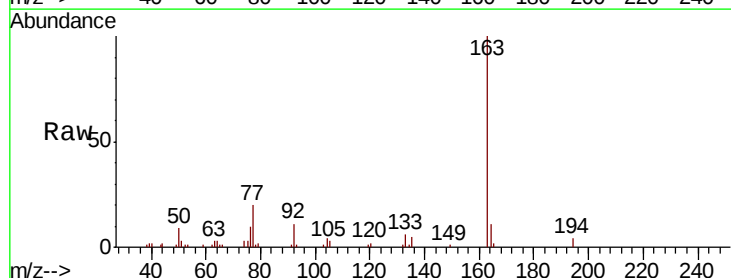
Tgt Ion:165 Resp: 837

Ion Ratio Lower Upper

165 100

63 190.2 47.0 70.6#

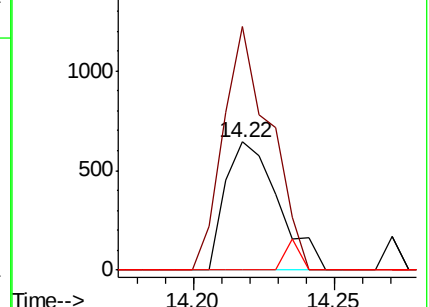
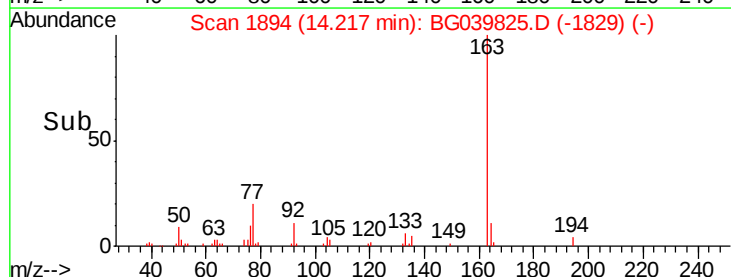
89 0.0 45.8 68.8#

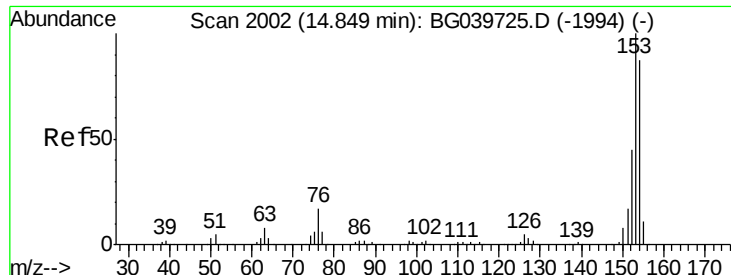


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#52

Acenaphthene

Concen: 0.054 ng

RT: 14.78 min Scan# 1989

Delta R.T. -0.08 min

Lab File: BG039825.D

Acq: 8 Mar 2019 17:36

Instrument :

BNA_G

ClientSampleId :

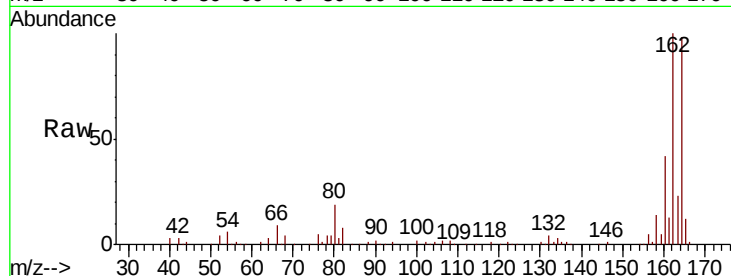
Tot Ion:154 Resp: 411

Ion Ratio Lower Upper

154 100

153 0.0 90.1 135.1#

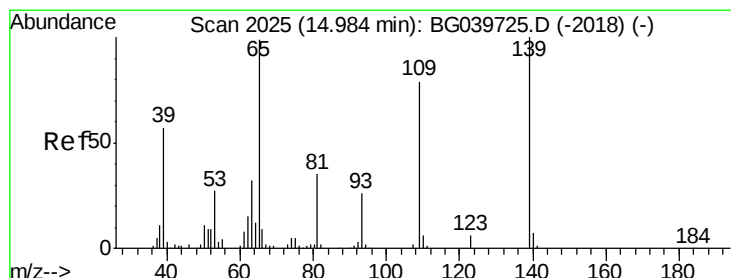
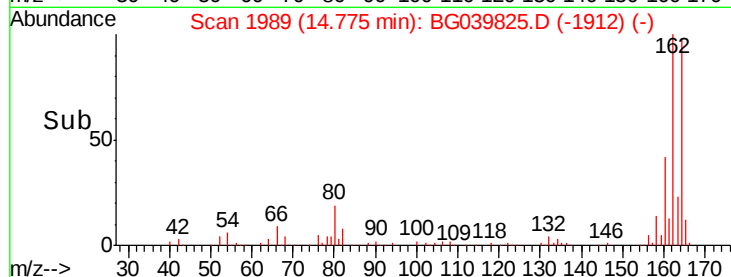
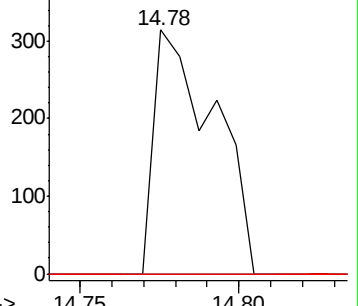
152 0.0 40.9 61.3#



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



#56

4-Nitrophenol

Concen: 0.027 ng

RT: 15.05 min Scan# 2036

Delta R.T. 0.06 min

Lab File: BG039825.D

Acq: 8 Mar 2019 17:36

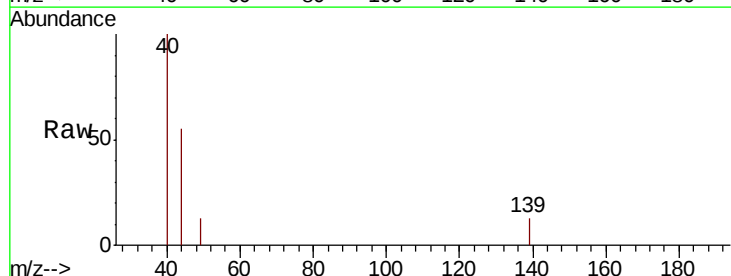
Tgt Ion:139 Resp: 54

Ion Ratio Lower Upper

139 100

109 0.0 61.9 101.9#

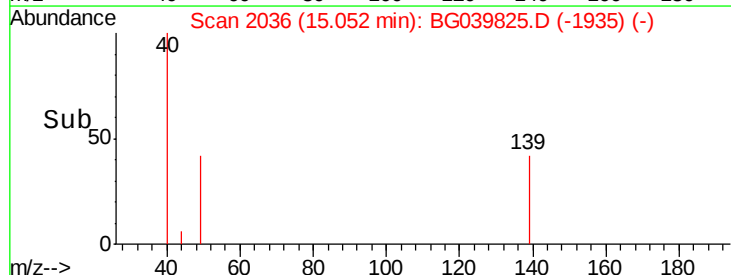
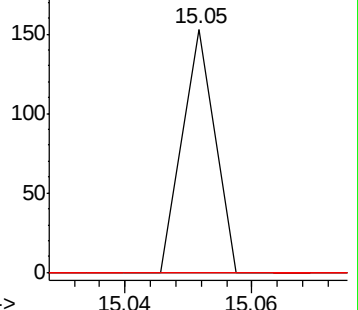
65 0.0 99.1 139.1#

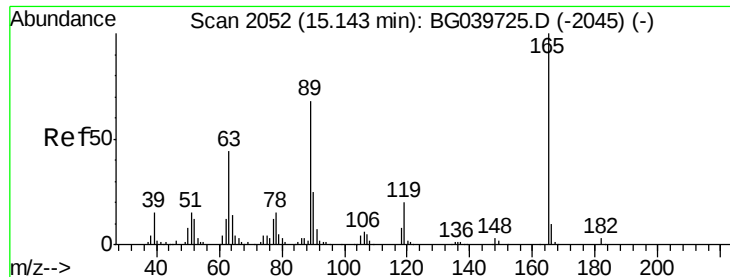


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

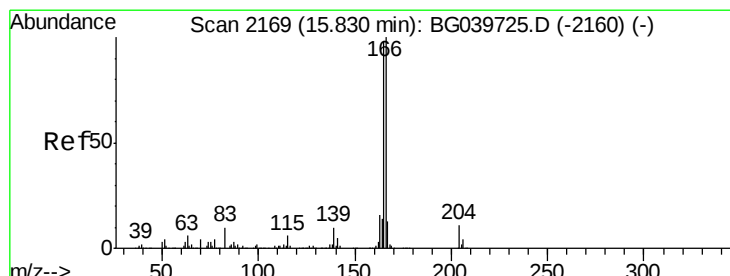
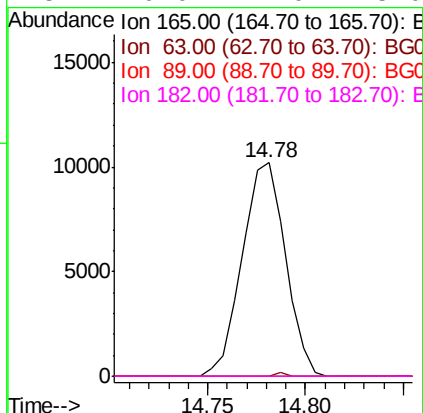
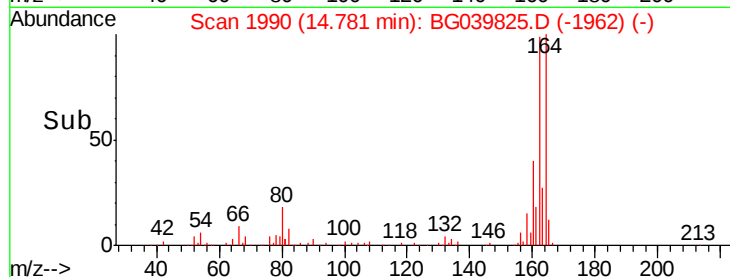
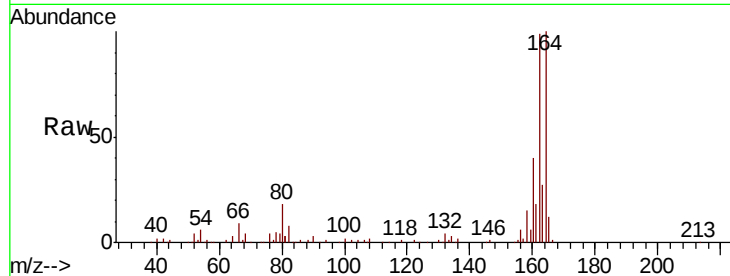




#57
 2,4-Dinitrotoluene
 Concen: 5.059 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. -0.37 min
 Lab File: BG039825.D
 Acq: 8 Mar 2019 17:36

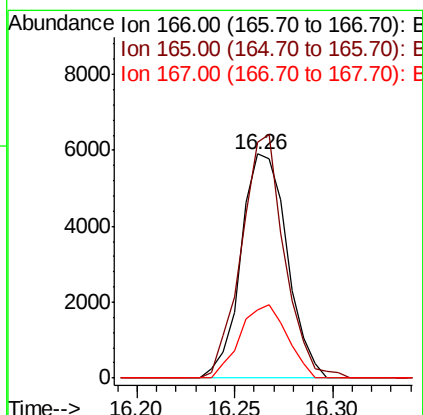
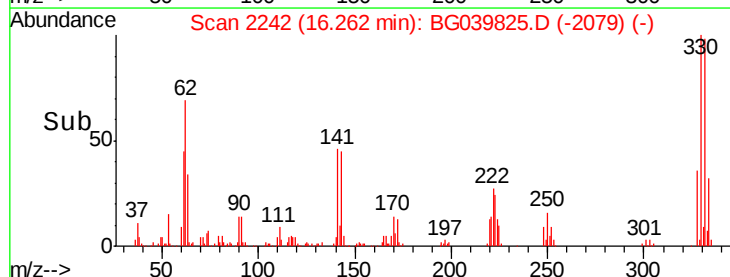
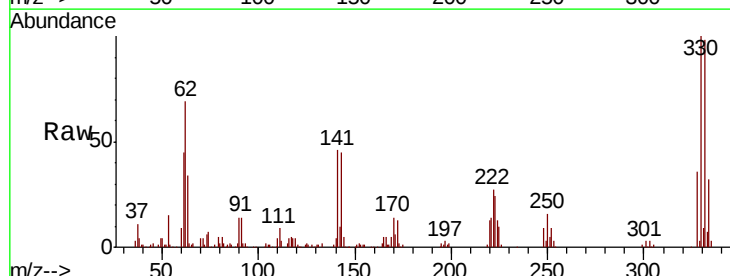
Instrument :
 BNA_G
 ClientSampleId :

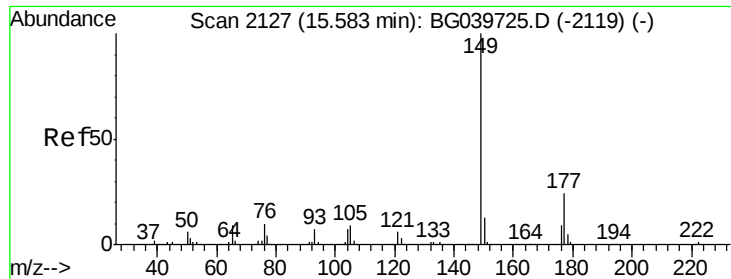
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.0	61.6#
89	0.0	64.6	96.8#
182	0.0	2.0	3.0#



#58
 Fluorene
 Concen: 0.985 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. 0.43 min
 Lab File: BG039825.D
 Acq: 8 Mar 2019 17:36

Tgt Ion	Ratio	Lower	Upper
166	100		
165	105.5	77.9	116.9
167	30.6	10.8	16.2#

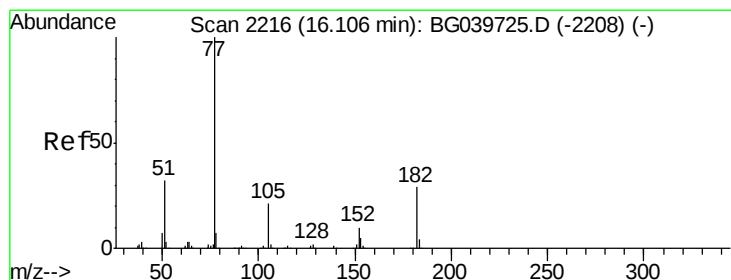
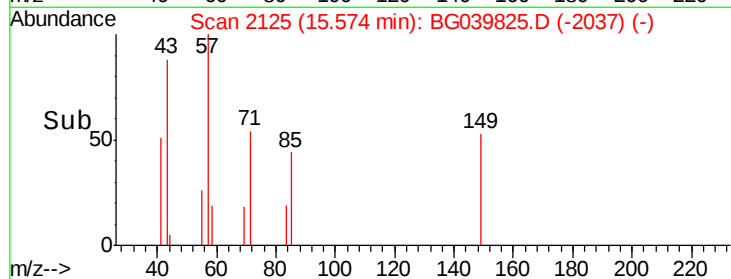
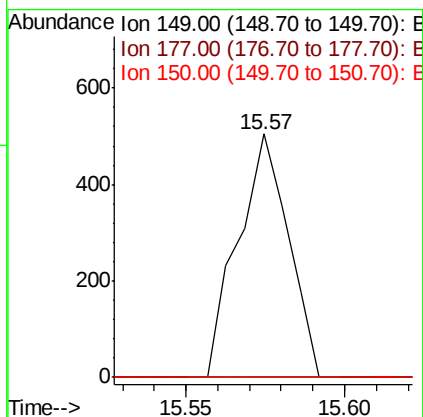
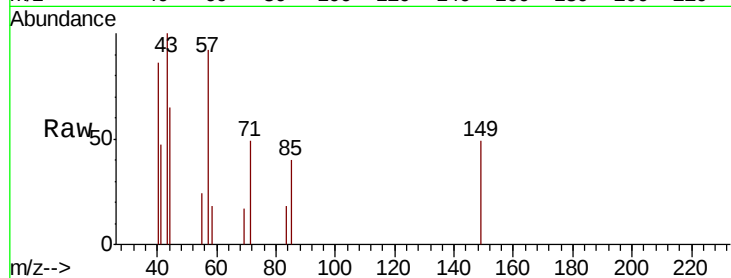




#60
Diethylphthalate
Concen: 0.054 ng
RT: 15.57 min Scan# 2125
Delta R.T. -0.02 min
Lab File: BG039825.D
Acq: 8 Mar 2019 17:36

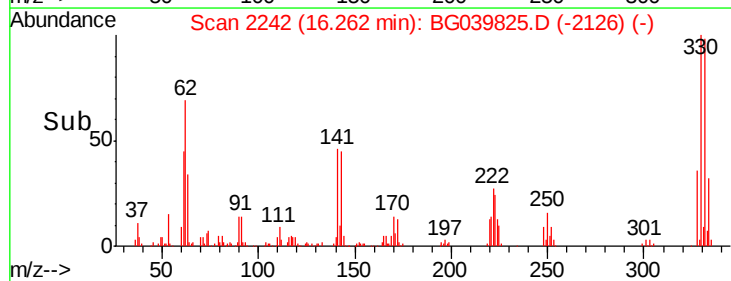
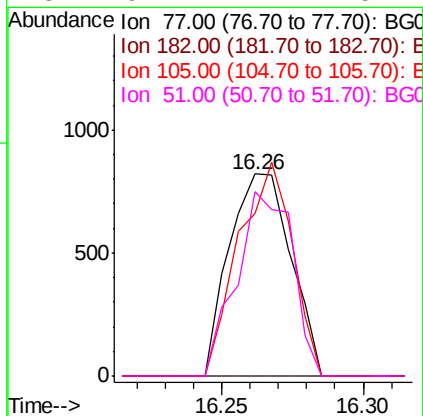
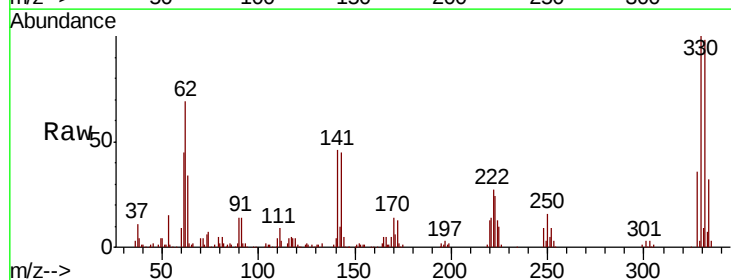
Instrument :
BNA_G
ClientSampleId :

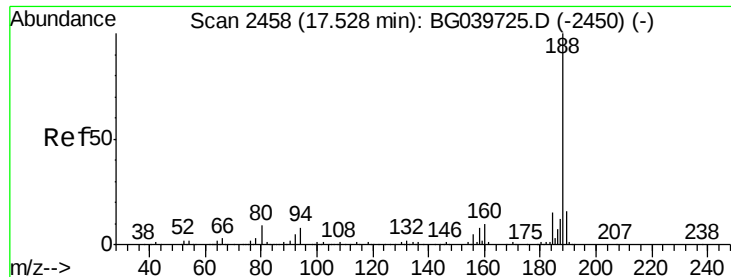
Tot Ion:149 Resp: 557
Ion Ratio Lower Upper
149 100
177 0.0 18.3 27.5#
150 0.0 10.2 15.2#



#63
Azobenzene
Concen: 0.133 ng
RT: 16.26 min Scan# 2242
Delta R.T. 0.15 min
Lab File: BG039825.D
Acq: 8 Mar 2019 17:36

Tgt Ion: 77 Resp: 1242
Ion Ratio Lower Upper
77 100
182 0.0 6.4 46.4#
105 80.6 0.0 39.8#
51 91.2 14.1 54.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.52 min Scan# 2457

Delta R.T. -0.01 min

Lab File: BG039825.D

Acq: 8 Mar 2019 17:36

Instrument :

BNA_G

ClientSampled :

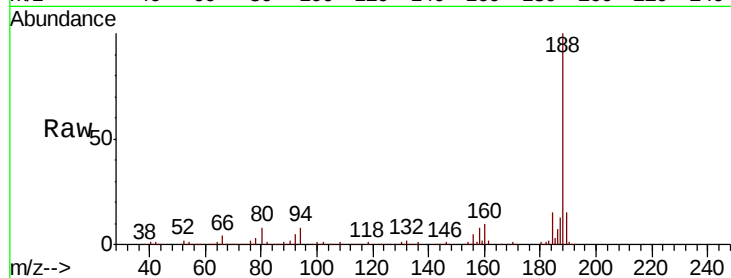
Tot Ion:188 Resp: 308016

Ion Ratio Lower Upper

188 100

94 8.4 6.9 10.3

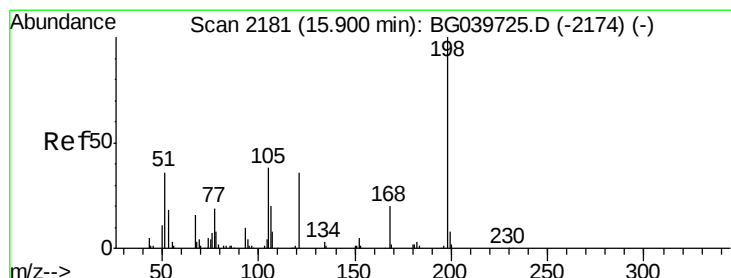
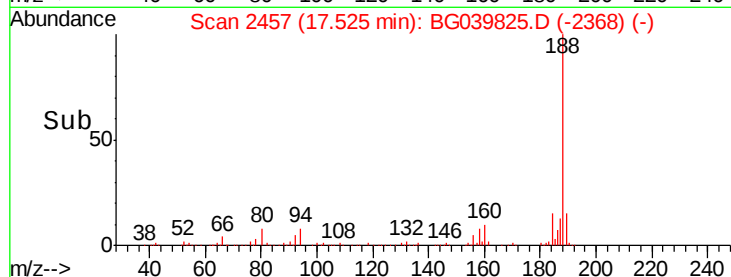
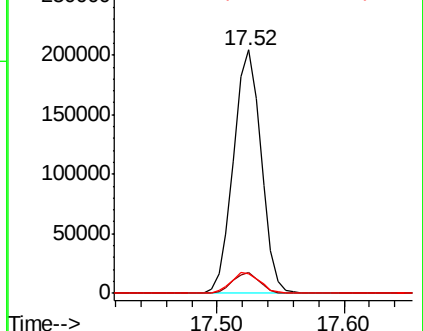
80 7.8 8.1 12.1#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#65

4,6-Dinitro-2-methylphenol

Concen: 0.373 ng

RT: 16.26 min Scan# 2242

Delta R.T. 0.35 min

Lab File: BG039825.D

Acq: 8 Mar 2019 17:36

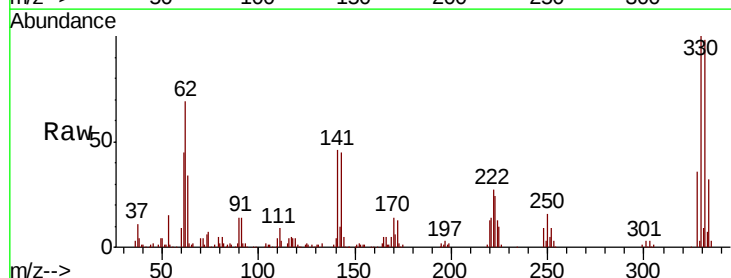
Tgt Ion:198 Resp: 679

Ion Ratio Lower Upper

198 100

51 115.8 27.4 67.4#

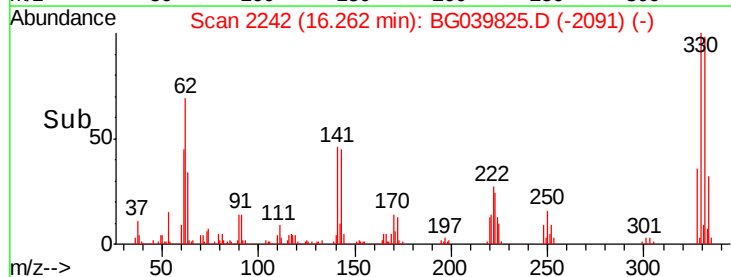
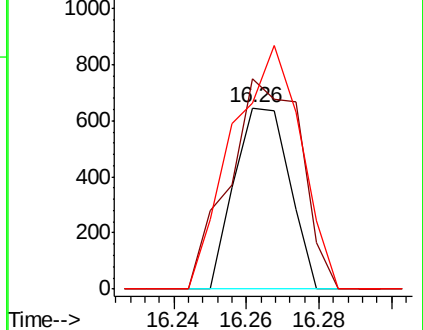
105 102.3 19.7 59.7#

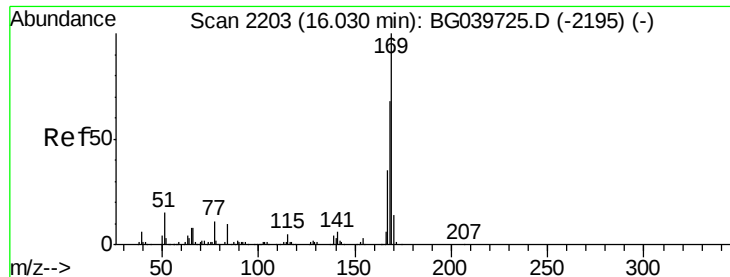


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

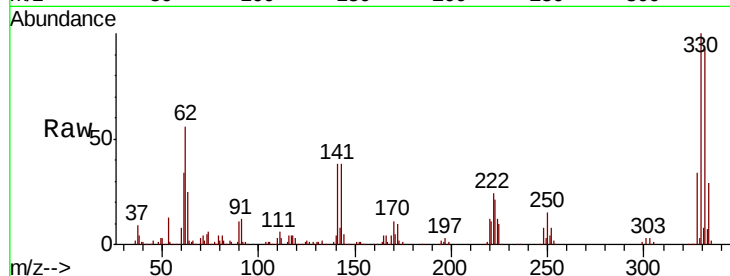




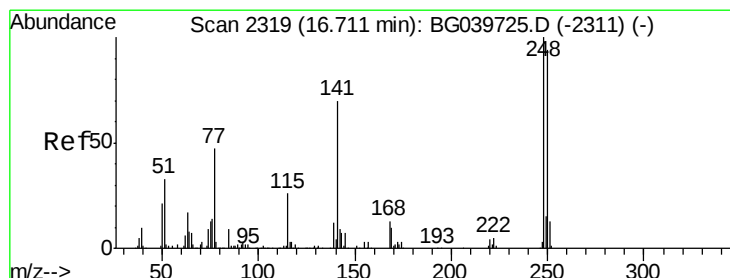
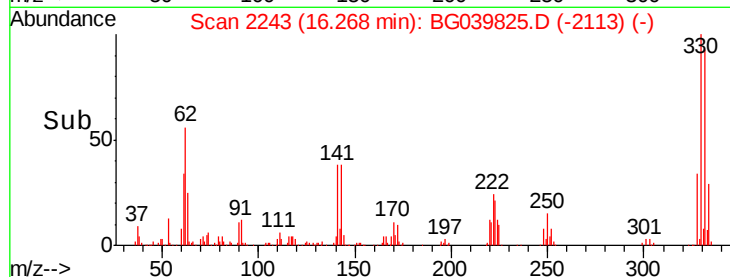
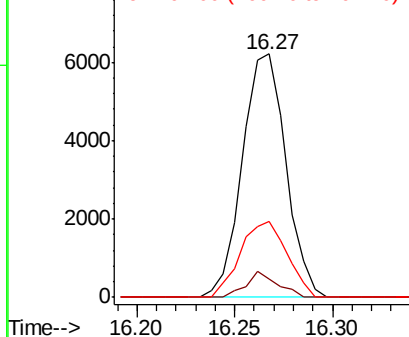
#66
 n-Nitrosodiphenylamine
 Concen: 1.076 ng
 RT: 16.27 min Scan# 2243
 Delta R.T. 0.23 min
 Lab File: BG039825.D
 Acq: 8 Mar 2019 17:36

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:169 Resp: 9594
 Ion Ratio Lower Upper
 169 100
 168 7.5 56.6 85.0#
 167 31.1 28.8 43.2

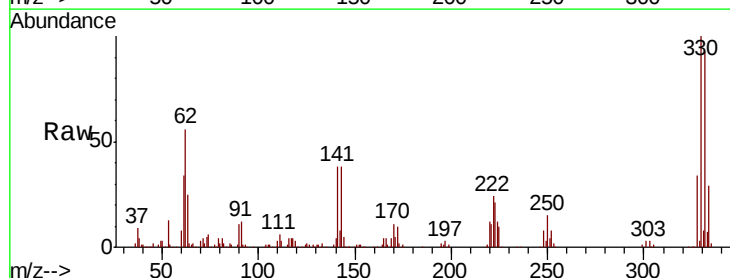


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

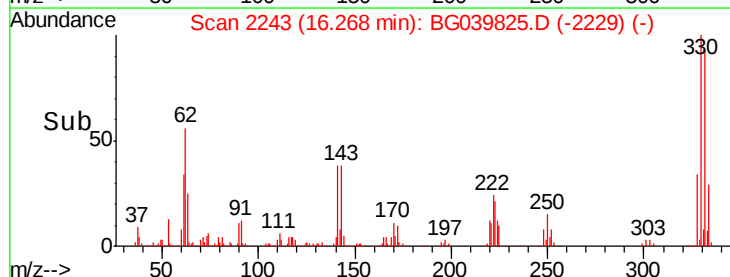
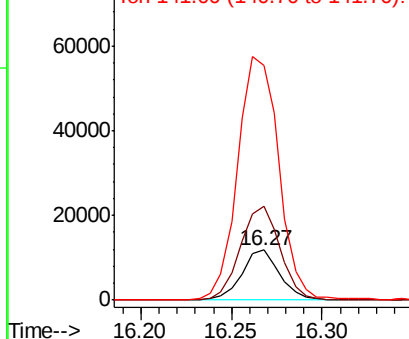


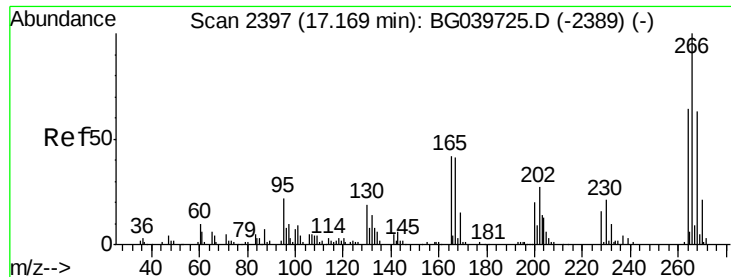
#67
 4-Bromophenyl-phenylether
 Concen: 4.951 ng
 RT: 16.27 min Scan# 2243
 Delta R.T. -0.45 min
 Lab File: BG039825.D
 Acq: 8 Mar 2019 17:36

Tgt Ion:248 Resp: 17071
 Ion Ratio Lower Upper
 248 100
 250 186.5 77.6 116.4#
 141 469.6 63.9 95.9#



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





#70

Pentachlorophenol

Concen: 0.026 ng

RT: 17.13 min Scan# 2389

Delta R.T. -0.04 min

Lab File: BG039825.D

Acq: 8 Mar 2019 17:36

Instrument :

BNA_G

ClientSampleId :

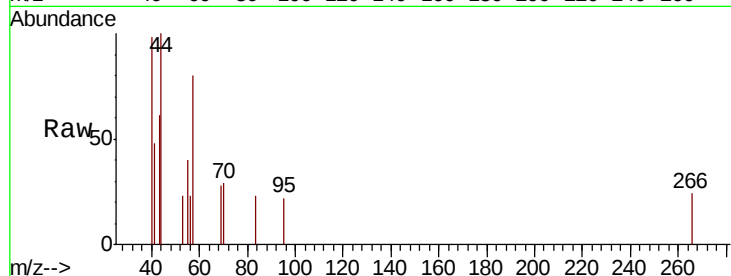
Tot Ion:266 Resp: 58

Ion Ratio Lower Upper

266 100

268 0.0 51.1 76.7#

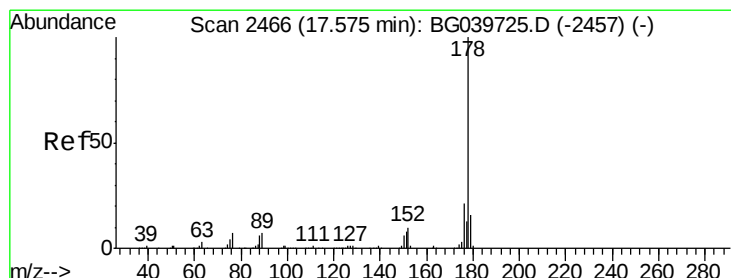
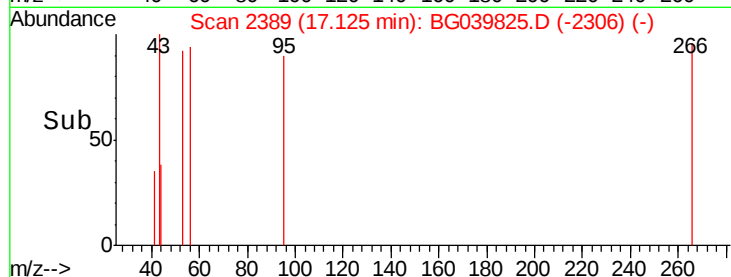
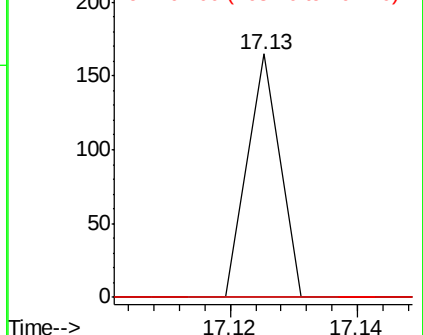
264 0.0 52.1 78.1#



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



#71

Phenanthrene

Concen: 0.019 ng

RT: 17.57 min Scan# 2464

Delta R.T. -0.01 min

Lab File: BG039825.D

Acq: 8 Mar 2019 17:36

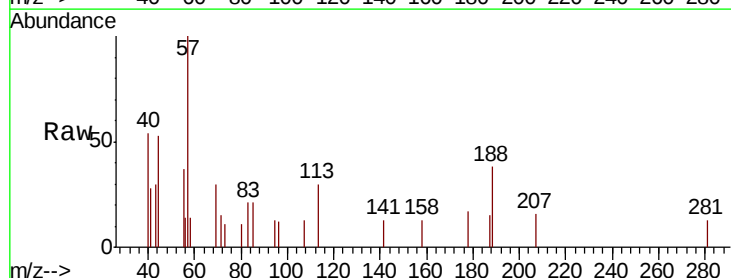
Tgt Ion:178 Resp: 317

Ion Ratio Lower Upper

178 100

176 0.0 16.2 24.4#

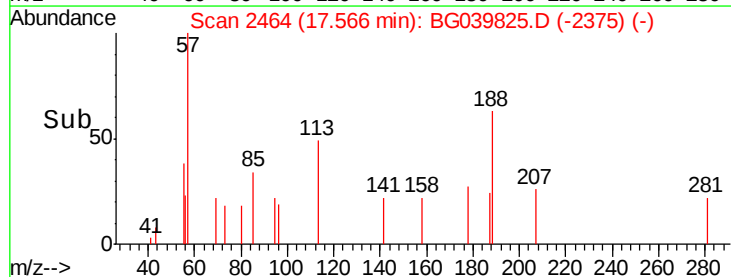
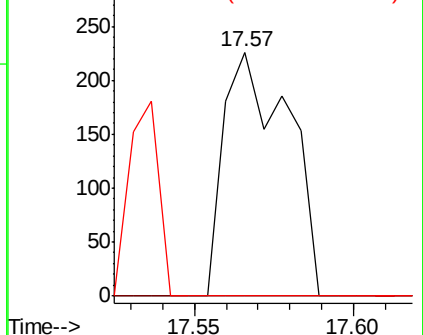
179 0.0 12.6 19.0#

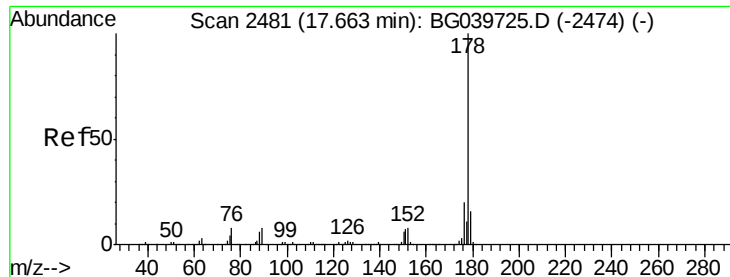


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 0.019 ng

RT: 17.57 min Scan# 2464

Delta R.T. -0.10 min

Lab File: BG039825.D

Acq: 8 Mar 2019 17:36

Instrument :

BNA_G

ClientSampleId :

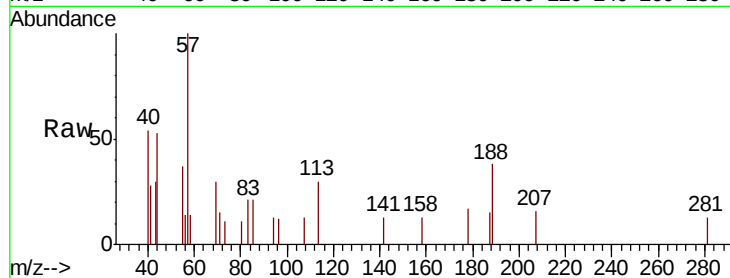
Tot Ion:178 Resp: 317

Ion Ratio Lower Upper

178 100

176 0.0 15.8 23.6#

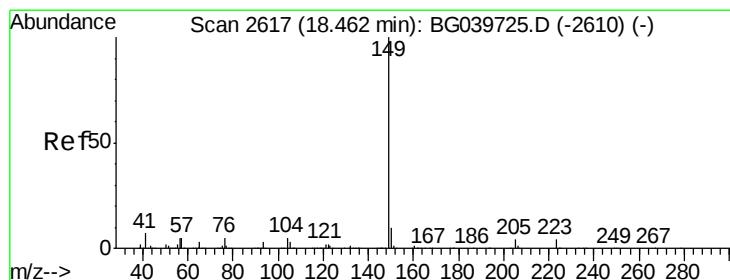
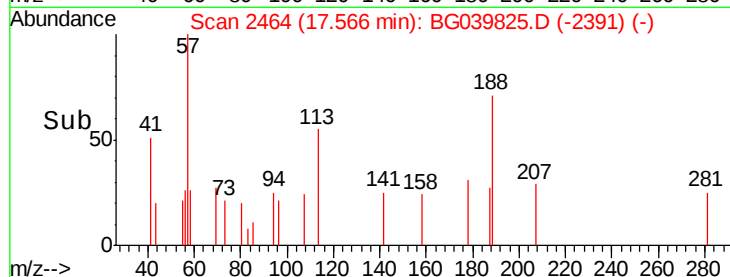
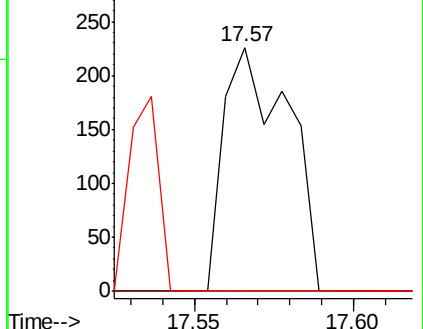
179 0.0 12.5 18.7#



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: 0.186 ng

RT: 18.46 min Scan# 2616

Delta R.T. -0.01 min

Lab File: BG039825.D

Acq: 8 Mar 2019 17:36

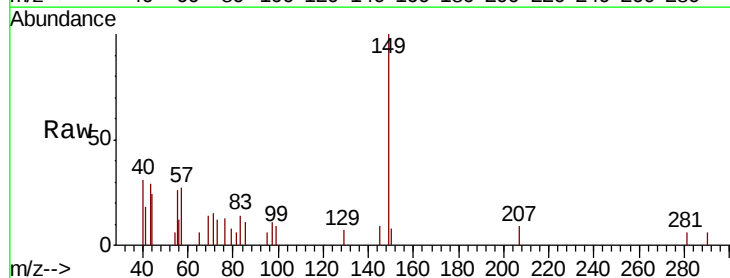
Tgt Ion:149 Resp: 3263

Ion Ratio Lower Upper

149 100

150 8.5 7.7 11.5

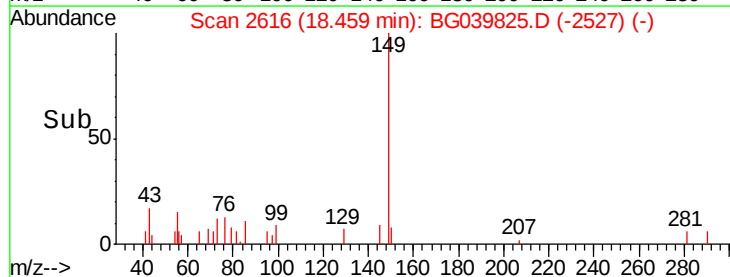
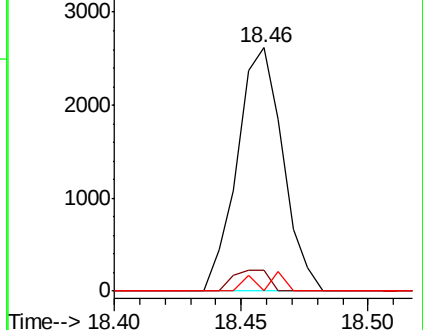
104 0.0 4.5 6.7#

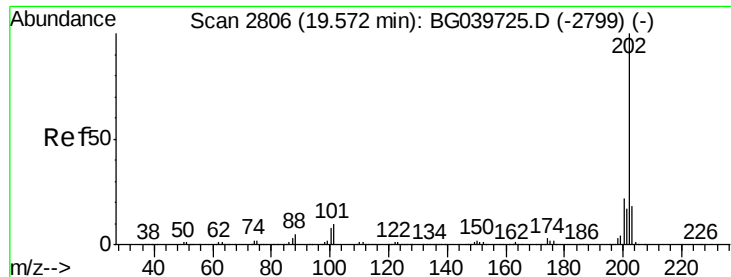


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

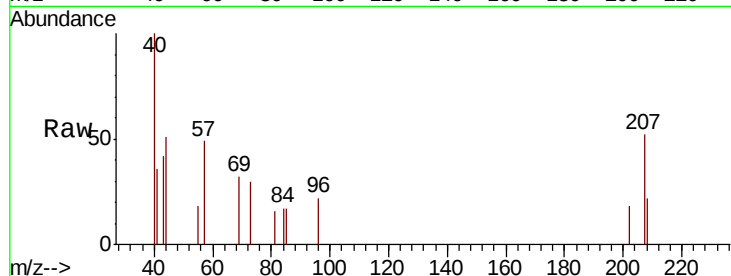




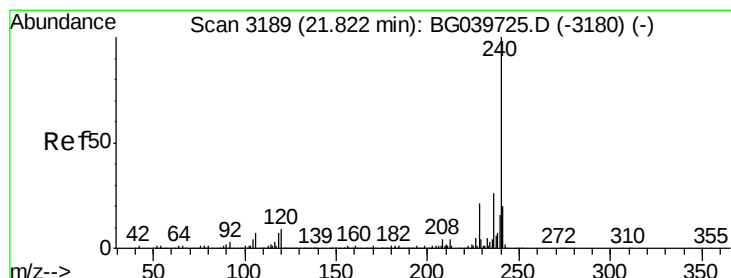
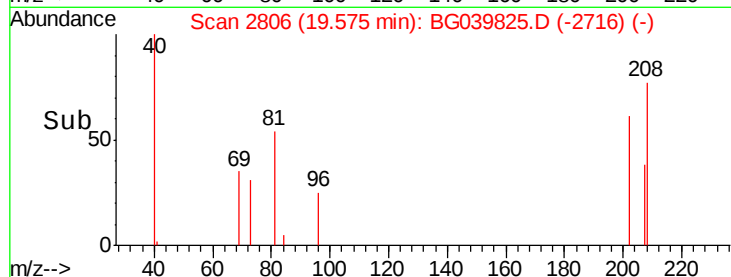
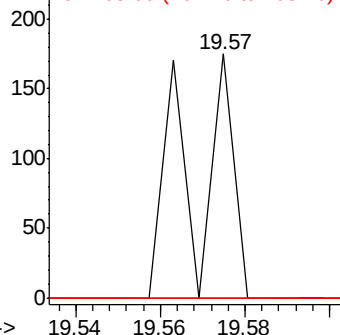
#75
Fluoranthene
Concen: 0.006 ng
RT: 19.57 min Scan# 2806
Delta R.T. -0.00 min
Lab File: BG039825.D
Acq: 8 Mar 2019 17:36

Instrument :
BNA_G
ClientSampled :

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

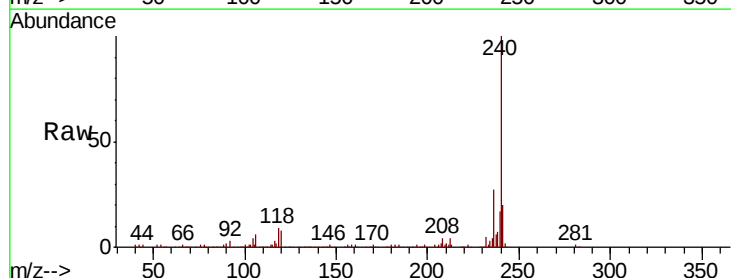


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

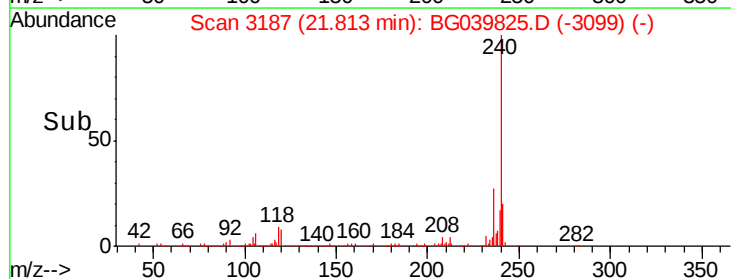
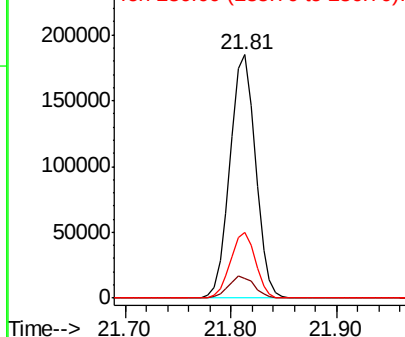


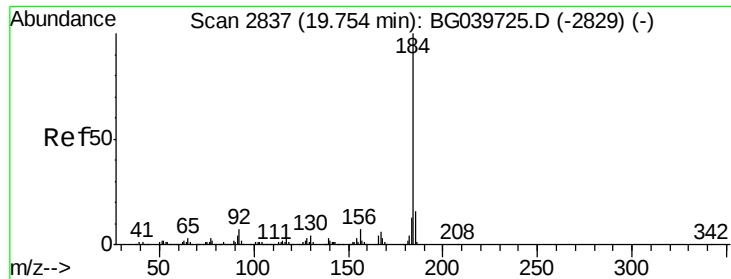
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3187
Delta R.T. -0.02 min
Lab File: BG039825.D
Acq: 8 Mar 2019 17:36

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.2	7.0	10.6
236	26.8	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: 2.112 ng

RT: 20.12 min Scan# 2898

Delta R.T. 0.36 min

Lab File: BG039825.D

Acq: 8 Mar 2019 17:36

Instrument :

BNA_G

ClientSampleId :

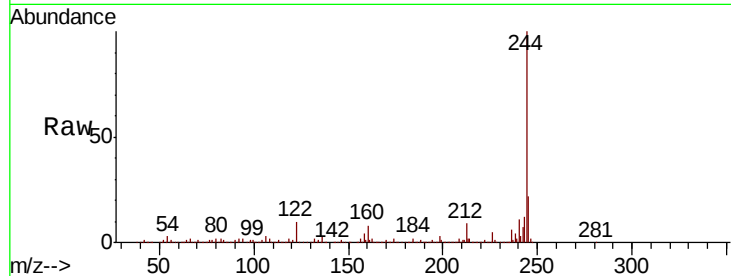
Tot Ion:184 Resp: 20708

Ion Ratio Lower Upper

184 100

185 14.4 12.2 18.2

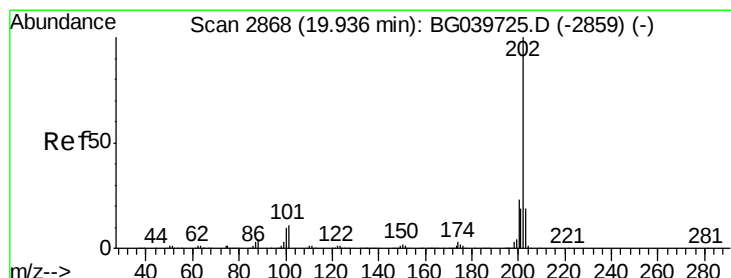
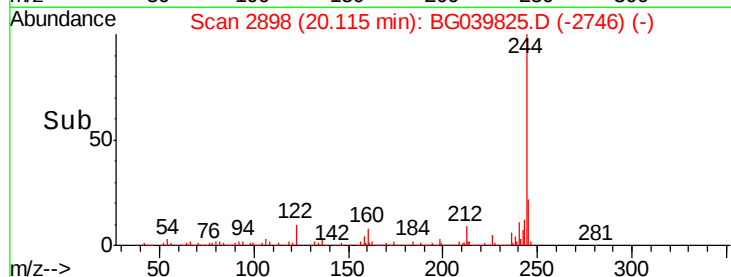
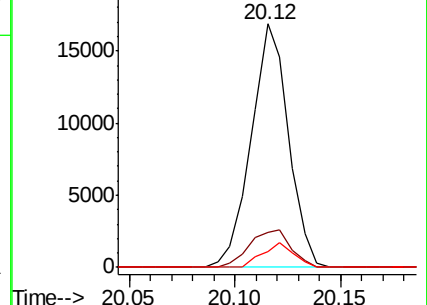
183 6.3 10.6 15.8#



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: 0.227 ng

RT: 20.12 min Scan# 2898

Delta R.T. 0.17 min

Lab File: BG039825.D

Acq: 8 Mar 2019 17:36

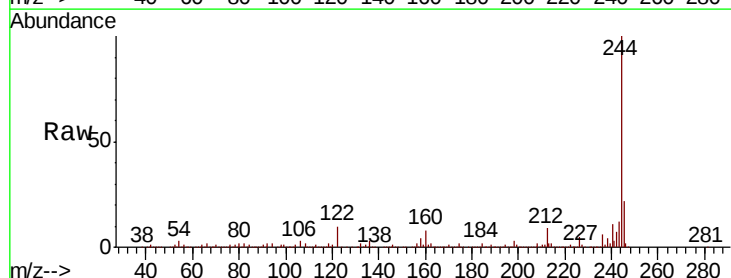
Tgt Ion:202 Resp: 4568

Ion Ratio Lower Upper

202 100

200 40.6 17.8 26.8#

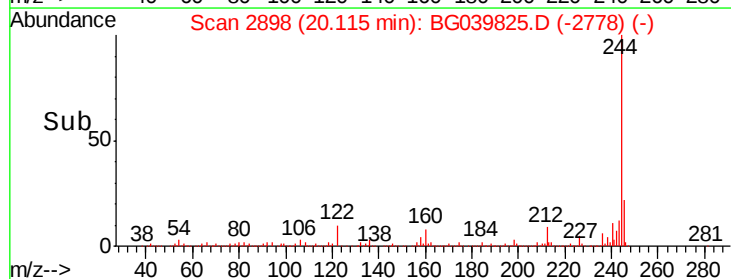
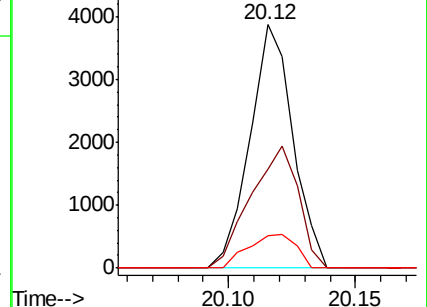
203 13.2 15.3 22.9#

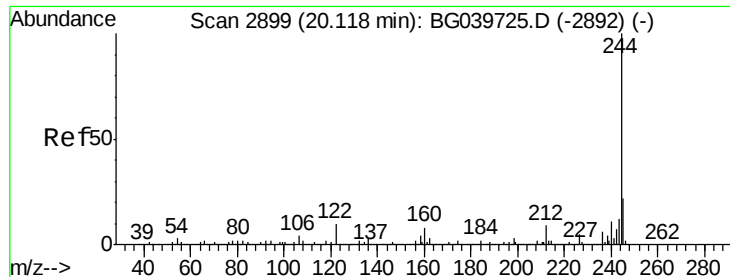


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 83.996 ng

RT: 20.12 min Scan# 2898

Delta R.T. -0.01 min

Lab File: BG039825.D

Acq: 8 Mar 2019 17:36

Instrument :

BNA_G

ClientSampled :

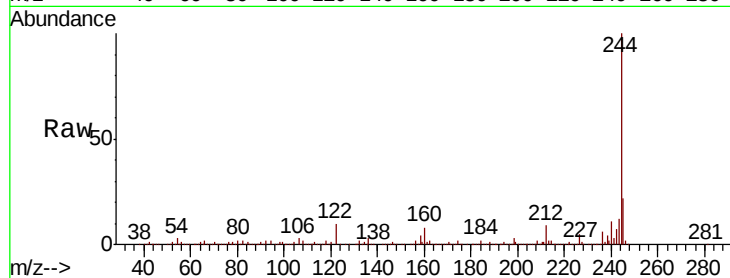
Tot Ion:244 Resp: 1178940

Ion Ratio Lower Upper

244 100

212 8.9 7.3 10.9

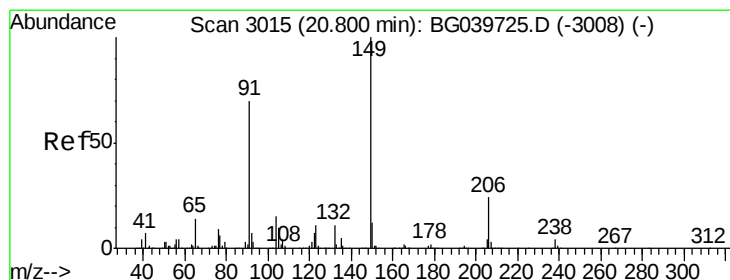
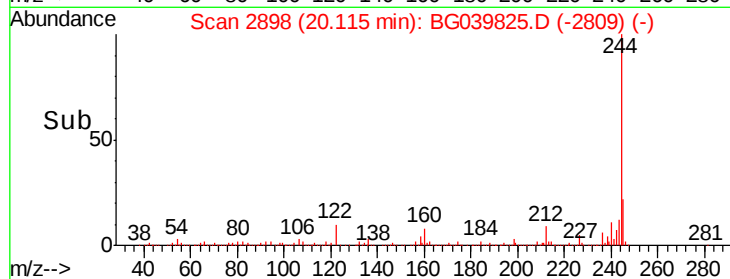
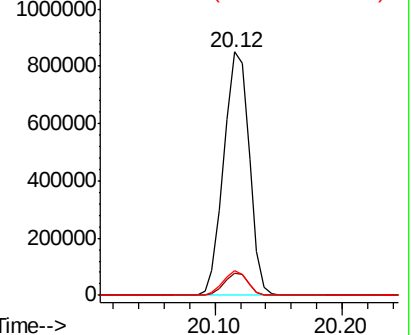
122 10.4 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 0.009 ng

RT: 20.65 min Scan# 2989

Delta R.T. -0.16 min

Lab File: BG039825.D

Acq: 8 Mar 2019 17:36

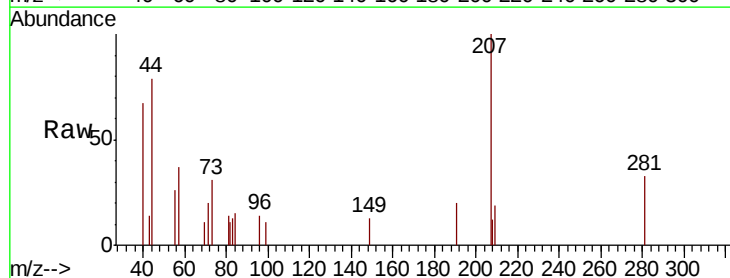
Tgt Ion:149 Resp: 69

Ion Ratio Lower Upper

149 100

91 0.0 59.5 89.3#

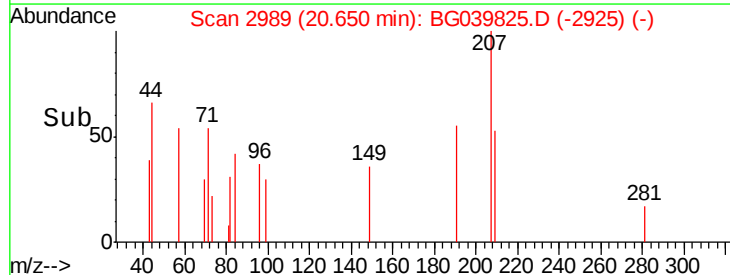
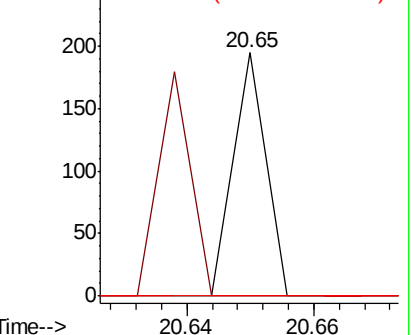
206 0.0 18.6 27.8#

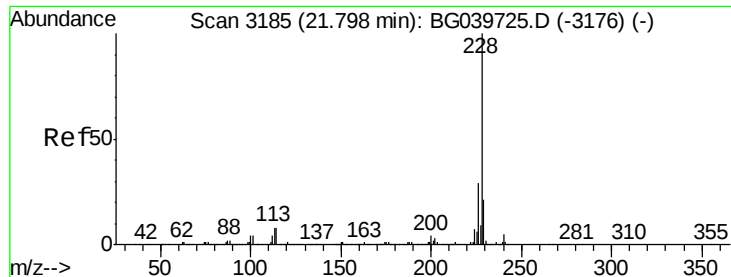


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.038 ng

RT: 21.81 min Scan# 3187

Delta R.T. 0.01 min

Lab File: BG039825.D

Acq: 8 Mar 2019 17:36

Instrument :

BNA_G

ClientSampleId :

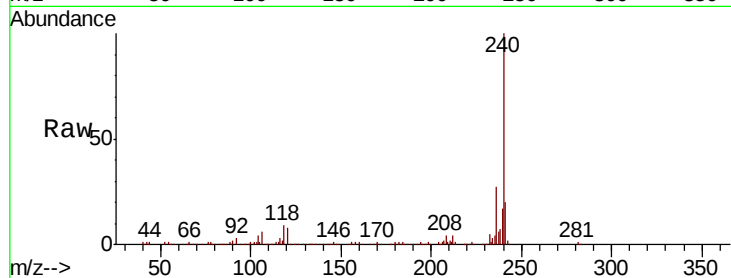
Tot Ion:228 Resp: 743

Ion Ratio Lower Upper

228 100

226 0.0 23.0 34.6#

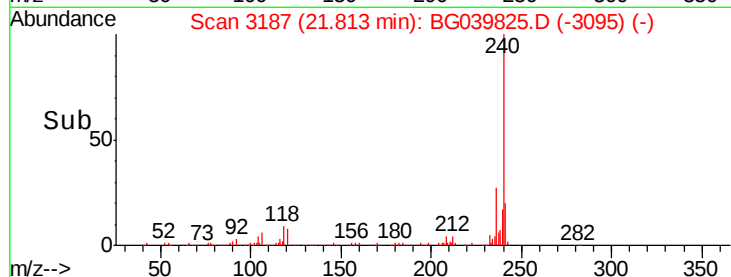
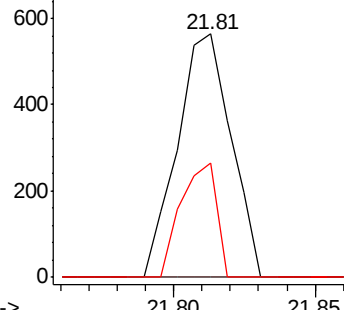
229 46.8 16.9 25.3#



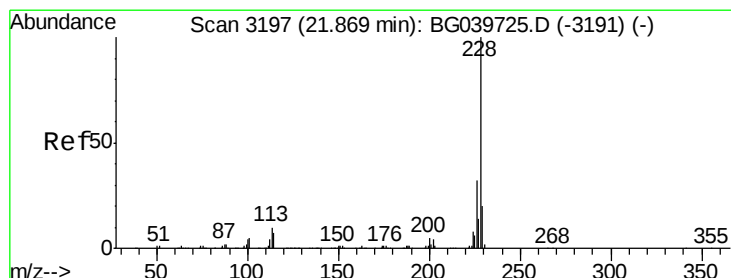
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#83

Chrysene

Concen: 0.040 ng

RT: 21.81 min Scan# 3187

Delta R.T. -0.06 min

Lab File: BG039825.D

Acq: 8 Mar 2019 17:36

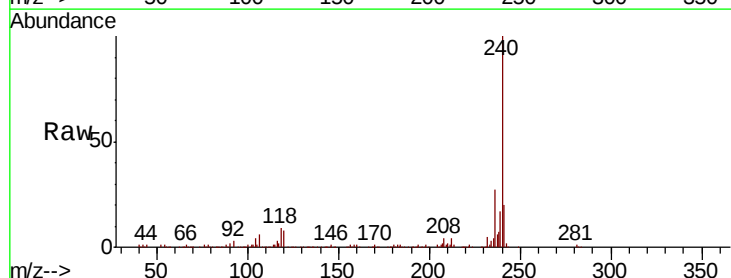
Tgt Ion:228 Resp: 743

Ion Ratio Lower Upper

228 100

226 0.0 25.8 38.6#

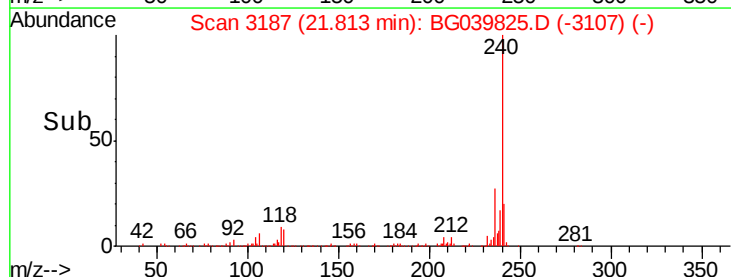
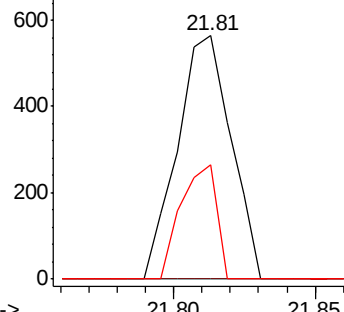
229 46.8 16.6 25.0#



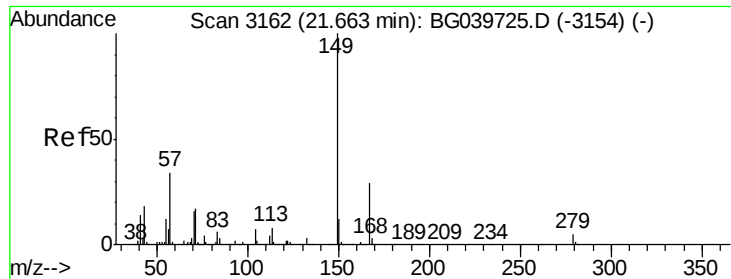
Abundance Ion 228.00 (227.70 to 228.70): E

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: 0.068 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.02 min

Lab File: BG039825.D

Acq: 8 Mar 2019 17:36

Instrument :

BNA_G

ClientSampleId :

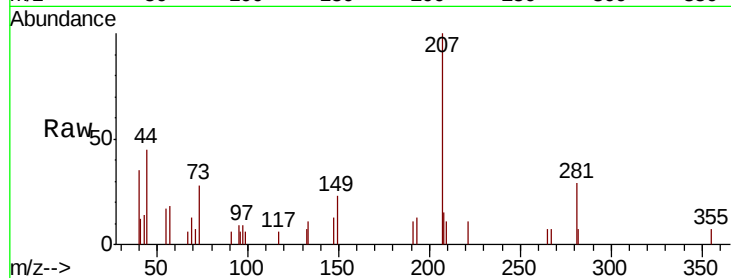
Tot Ion:149 Resp: 744

Ion Ratio Lower Upper

149 100

167 0.0 22.6 34.0#

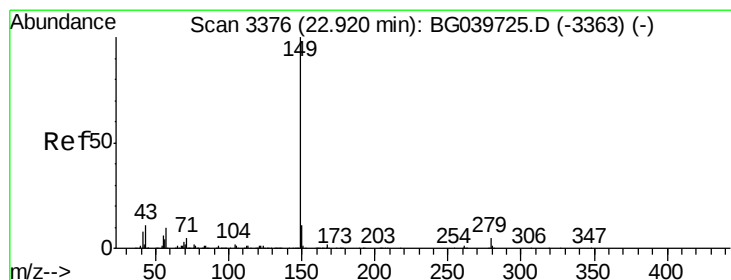
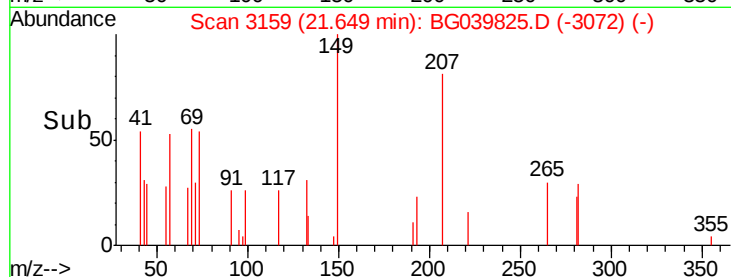
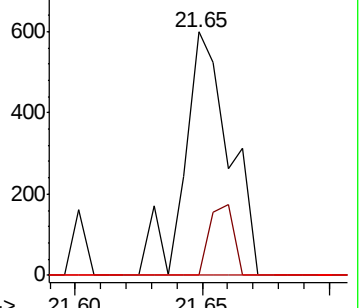
279 0.0 3.5 5.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 0.003 ng

RT: 22.91 min Scan# 3373

Delta R.T. -0.02 min

Lab File: BG039825.D

Acq: 8 Mar 2019 17:36

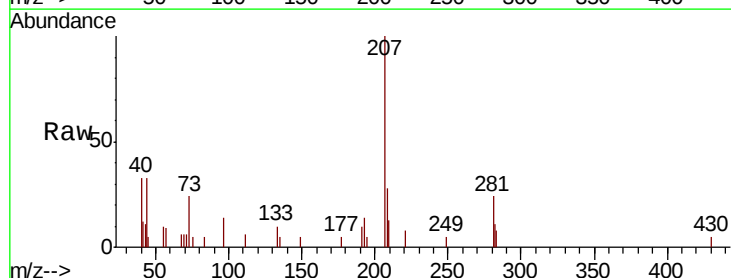
Tgt Ion:149 Resp: 55

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

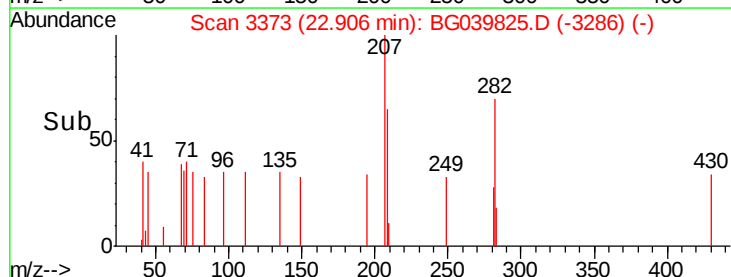
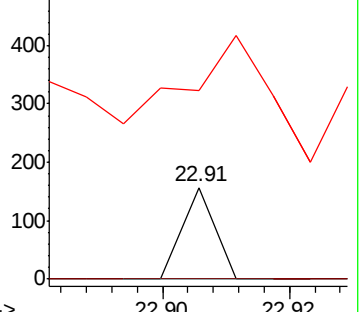
43 370.9 10.2 15.4#

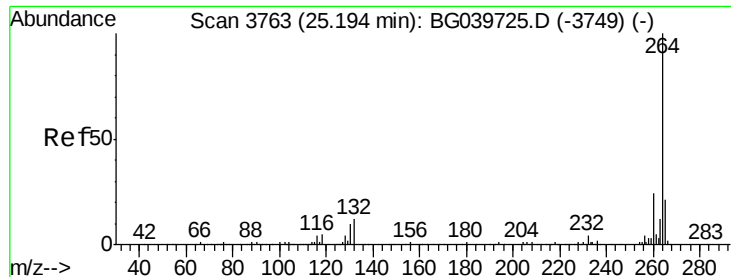


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.18 min Scan# 3760

Delta R.T. -0.02 min

Lab File: BG039825.D

Acq: 8 Mar 2019 17:36

Instrument :

BNA_G

ClientSampled :

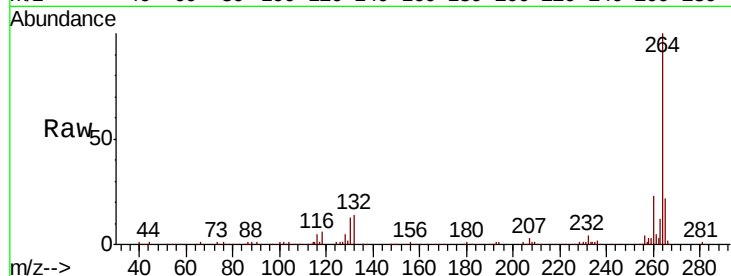
Tot Ion:264 Resp: 313202

Ion Ratio Lower Upper

264 100

260 23.2 18.2 27.4

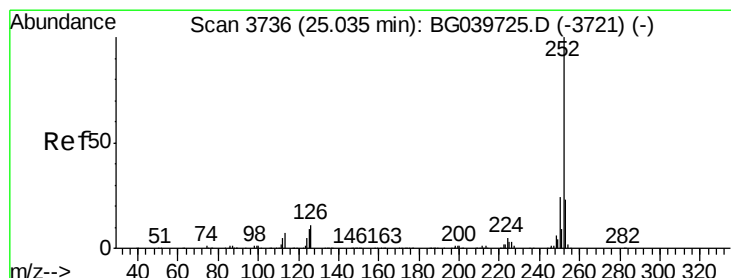
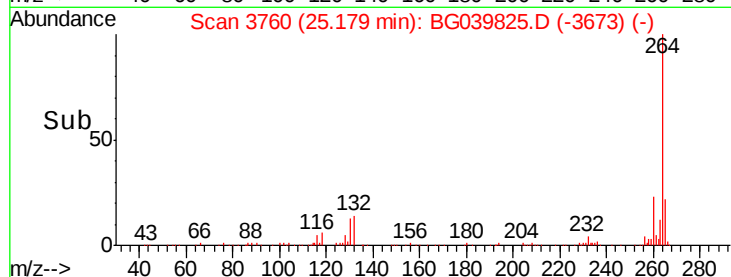
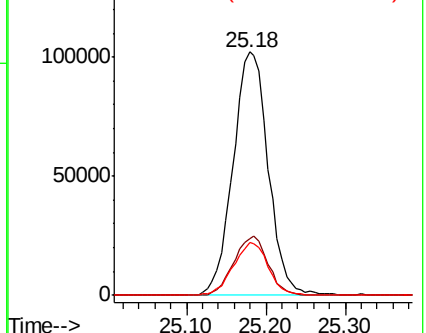
265 21.5 18.5 27.7



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



#90

Benzo(a)pyrene

Concen: 0.005 ng

RT: 25.07 min Scan# 3741

Delta R.T. 0.03 min

Lab File: BG039825.D

Acq: 8 Mar 2019 17:36

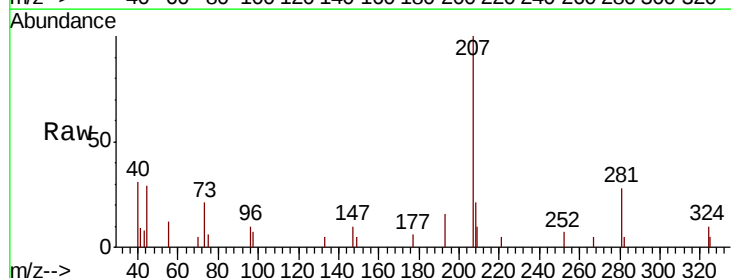
Tgt Ion:252 Resp: 81

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

