

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010819\
 Data File : BG039007.D
 Acq On : 8 Jan 2019 23:47
 Operator : JU/SJ
 Sample : K1072-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 09 02:51:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	22529	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	96086	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	70388	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	171767	20.00	ng	-0.01
76) Chrysene-d12	21.71	240	174243	20.00	ng	-0.02
87) Perylene-d12	25.00	264	183779	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	139163	109.56	ng	0.00
7) Phenol-d6	7.20	99	219342	125.79	ng	0.00
23) Nitrobenzene-d5	9.22	82	129652	68.93	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	122152	125.92	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	406742	79.27	ng	-0.02
79) Terphenyl-d14	20.03	244	715327	89.35	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.52	88	61	0.103	ng	# 1
3) Pyridine	3.41	79	62	0.038	ng	# 1
4) n-Nitrosodimethylamine	3.84	42	61	0.076	ng	# 3
6) Aniline	7.57	93	57	0.026	ng	# 1
9) Benzaldehyde	7.21	77	255	0.225	ng	# 3
10) Phenol	7.23	94	4180	2.256	ng	# 74
11) bis(2-Chloroethyl)ether	7.57	93	57	0.039	ng	# 1
15) Benzyl Alcohol	8.37	79	2054	1.509	ng	# 56
19) n-Nitroso-di-n-propylamine	9.22	70	17125	13.983	ng	# 62
24) Nitrobenzene	9.21	77	340	0.179	ng	# 39
46) 1,1'-Biphenyl	13.52	154	581	0.098	ng	# 41
48) 2-Nitroaniline	13.30	65	613	0.422	ng	# 29
50) Dimethylphthalate	14.13	163	15321	2.665	ng	# 98
51) 2,6-Dinitrotoluene	14.69	165	9145	7.020	ng	# 19
52) Acenaphthene	14.69	154	133	0.033	ng	# 4
57) 2,4-Dinitrotoluene	14.69	165	9145	4.984	ng	# 21
58) Fluorene	16.17	166	3814	0.737	ng	# 88
60) Diethylphthalate	15.48	149	69	0.011	ng	# 59
63) Azobenzene	16.17	77	489	0.093	ng	# 12
65) 4,6-Dinitro-2-methylphenol	16.18	198	197	0.161	ng	# 64
66) n-Nitrosodiphenylamine	16.17	169	4115	0.815	ng	# 46
67) 4-Bromophenyl-phenylether	16.17	248	8007	3.817	ng	# 1
71) Phenanthrene	17.48	178	3295	0.370	ng	# 92
72) Anthracene	17.57	178	154	0.018	ng	# 60
73) Carbazole	17.85	167	273	0.031	ng	# 59
74) Di-n-butylphthalate	18.37	149	188	0.019	ng	# 77
75) Fluoranthene	19.48	202	7246	0.657	ng	# 96
77) Benzidine	20.03	184	11236	2.180	ng	# 94
78) Pyrene	19.85	202	7071	0.614	ng	# 98
80) Butylbenzylphthalate	20.70	149	62	0.014	ng	# 51
81) Benzo(a)anthracene	21.69	228	4461	0.420	ng	# 96
83) Chrysene	21.76	228	3938	0.385	ng	# 84
84) Bis(2-ethylhexyl)phthalate	21.56	149	1315	0.206	ng	# 86
85) Di-n-octyl phthalate	22.79	149	53	0.005	ng	# 73

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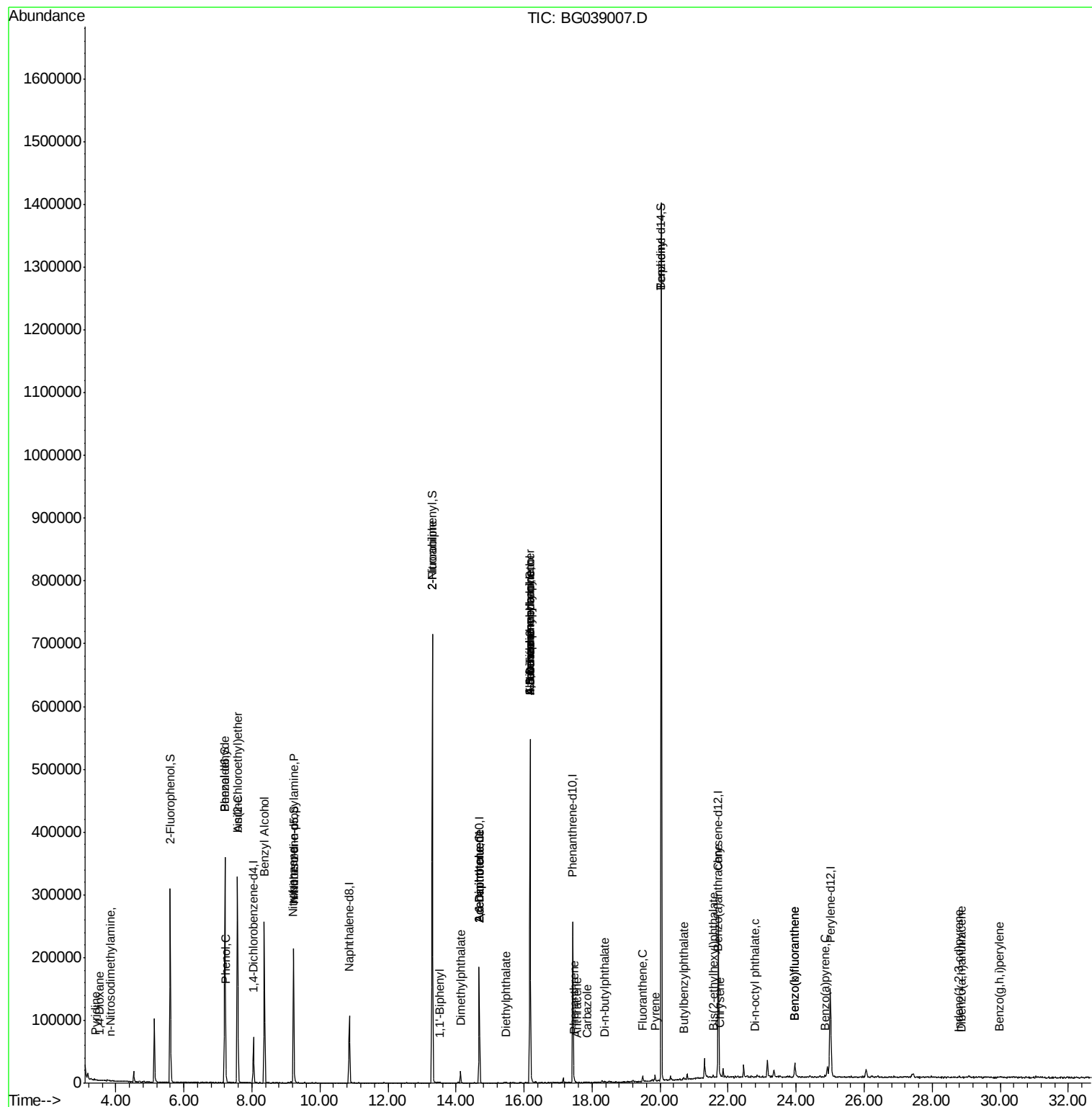
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) Indeno(1,2,3-cd)pyrene	28.78	276	2608	0.217	ng	# 59
88) Benzo(b)fluoranthene	23.95	252	6494	0.644	ng	# 90
89) Benzo(k)fluoranthene	23.95	252	6494	0.646	ng	# 92
90) Benzo(a)pyrene	24.85	252	3668	0.377	ng	# 80
91) Dibenzo(a,h)anthracene	28.86	278	169	0.017	ng	# 58
92) Benzo(a,h,i)perylene	29.98	276	1895	0.198	ng	# 56

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

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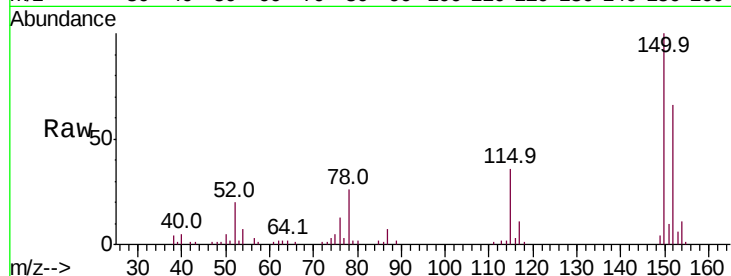


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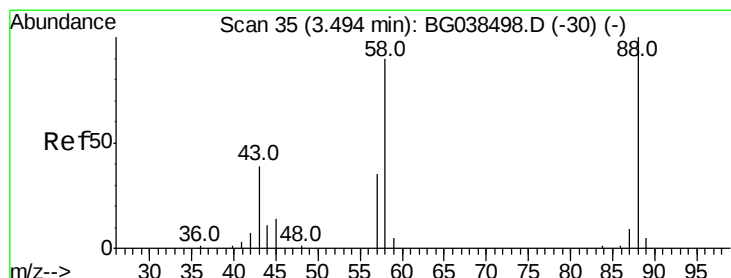
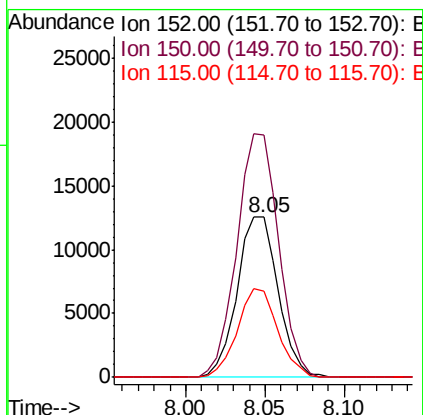
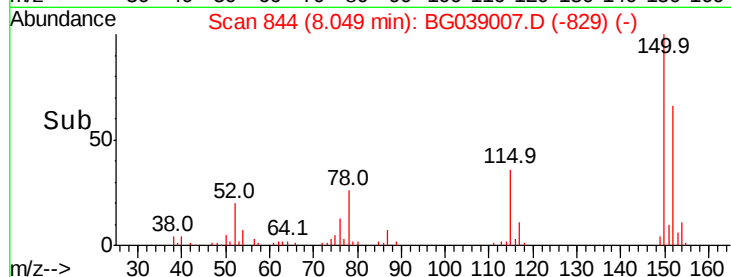
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG039007.D
Acq: 8 Jan 2019 23:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 22529
Ion Ratio Lower Upper
152 100
150 151.5 119.5 179.3
115 54.1 49.6 74.4



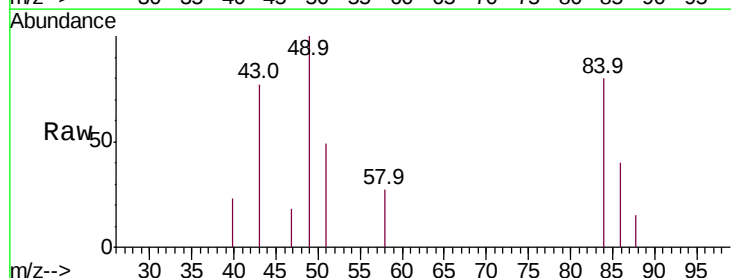
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



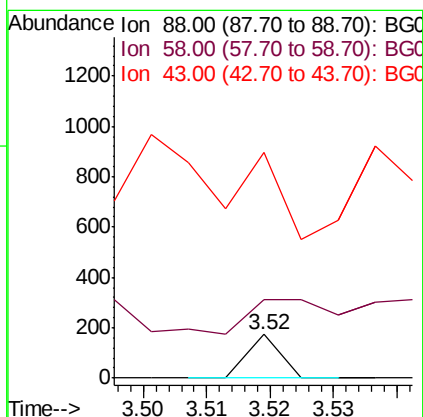
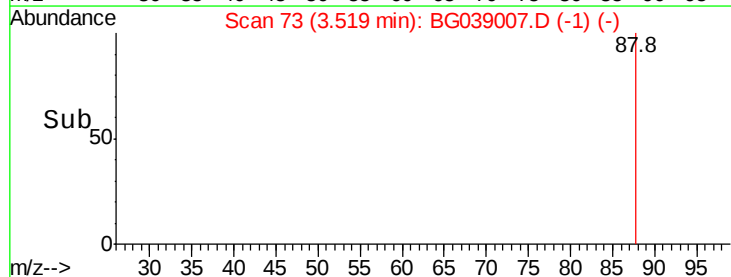
#2

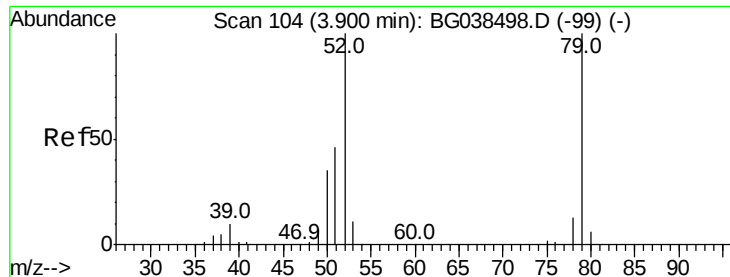
1,4-Dioxane
Concen: 0.103 ng
RT: 3.52 min Scan# 73
Delta R.T. 0.02 min
Lab File: BG039007.D
Acq: 8 Jan 2019 23:47

Tgt Ion: 88 Resp: 61
Ion Ratio Lower Upper
88 100
58 296.7 75.7 113.5#
43 0.0 31.6 47.4#



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: 0.038 ng

RT: 3.41 min Scan# 54

Delta R.T. -0.49 min

Lab File: BG039007.D

Acq: 8 Jan 2019 23:47

Instrument :

BNA_G

ClientSampled :

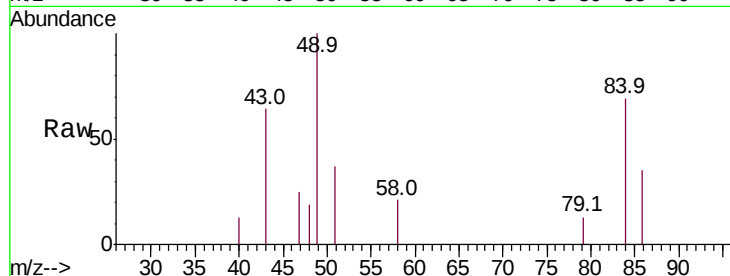
Tot Ion: 79 Resp: 62

Ion Ratio Lower Upper

79 100

52 0.0 80.2 120.2#

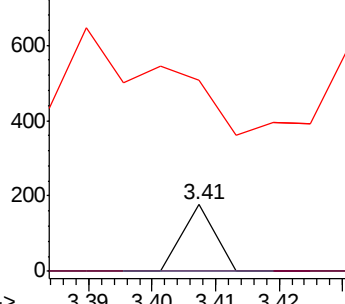
51 286.4 38.0 57.0#



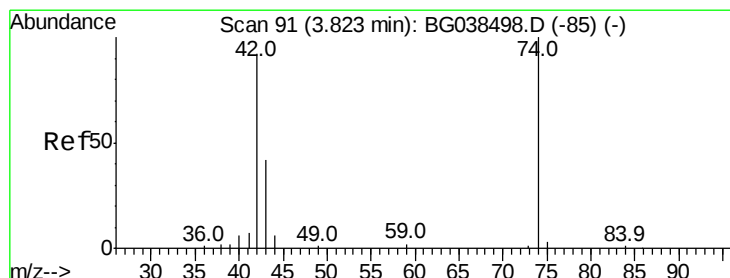
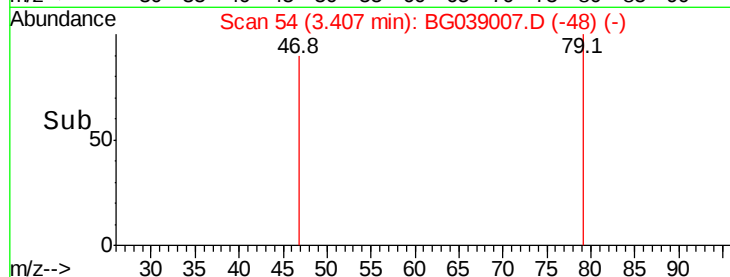
Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



Time-->



#4

n-Nitrosodimethylamine

Concen: 0.076 ng

RT: 3.84 min Scan# 127

Delta R.T. 0.01 min

Lab File: BG039007.D

Acq: 8 Jan 2019 23:47

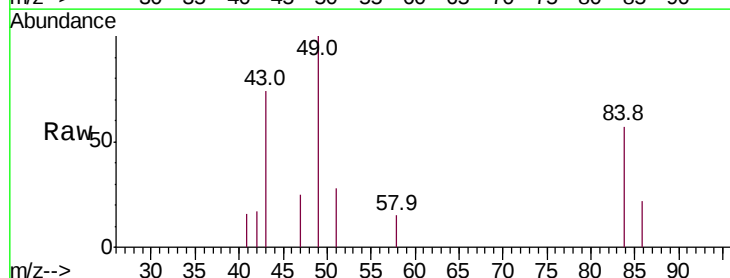
Tgt Ion: 42 Resp: 61

Ion Ratio Lower Upper

42 100

74 0.0 86.7 130.1#

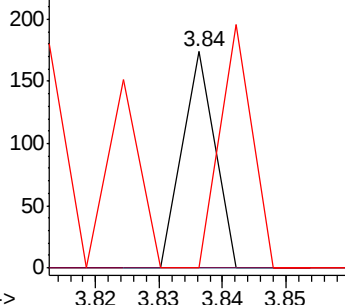
44 0.0 7.8 11.8#



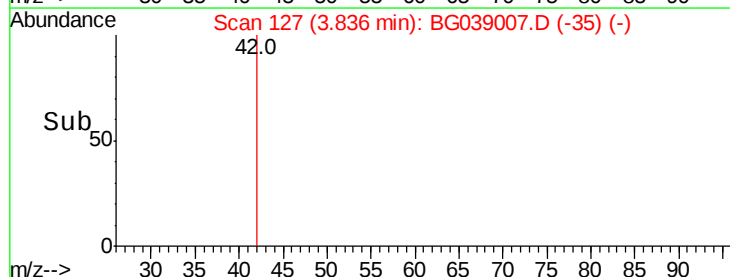
Abundance Ion 42.00 (41.70 to 42.70): BGC

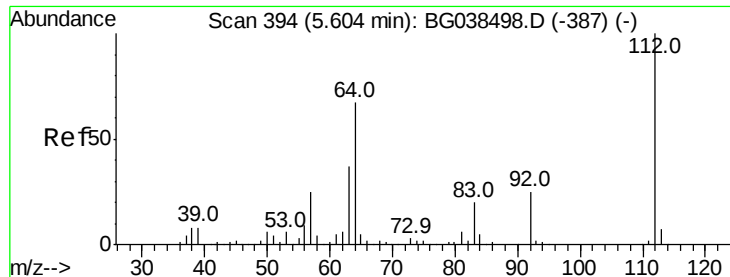
Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC



Time-->





#5

2-Fluorophenol

Concen: 109.560 ng

RT: 5.60 min Scan# 427

Delta R.T. -0.00 min

Lab File: BG039007.D

Acq: 8 Jan 2019 23:47

Instrument :

BNA_G

ClientSampled :

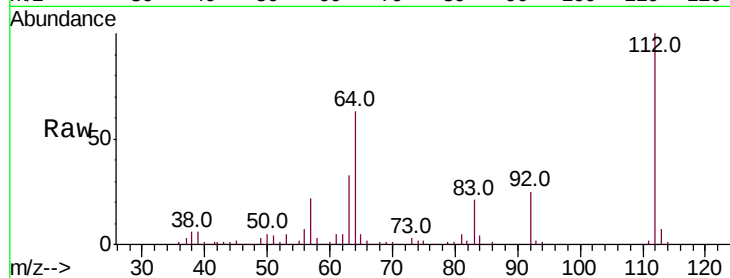
Tot Ion:112 Resp: 139163

Ion Ratio Lower Upper

112 100

64 62.6 53.4 80.2

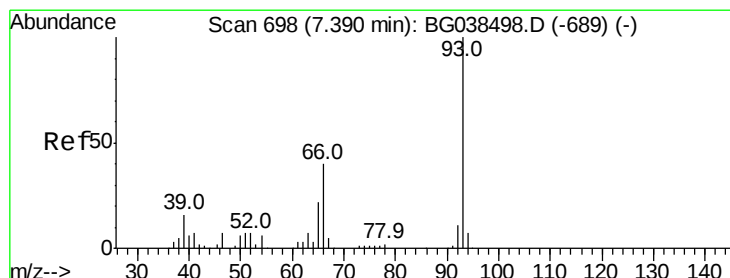
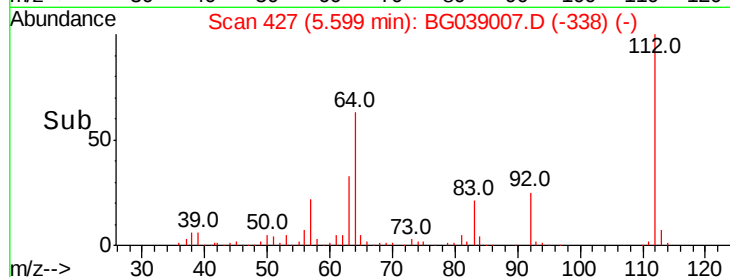
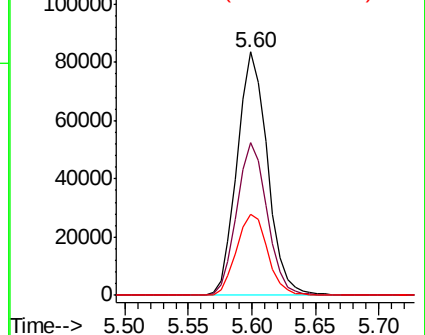
63 33.1 29.3 43.9



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: 0.026 ng

RT: 7.57 min Scan# 763

Delta R.T. 0.18 min

Lab File: BG039007.D

Acq: 8 Jan 2019 23:47

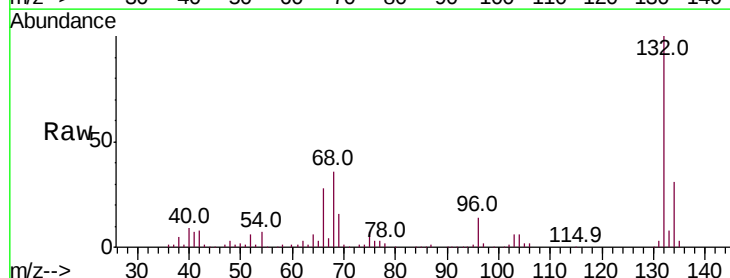
Tgt Ion: 93 Resp: 57

Ion Ratio Lower Upper

93 100

66 15759.5 31.7 47.5#

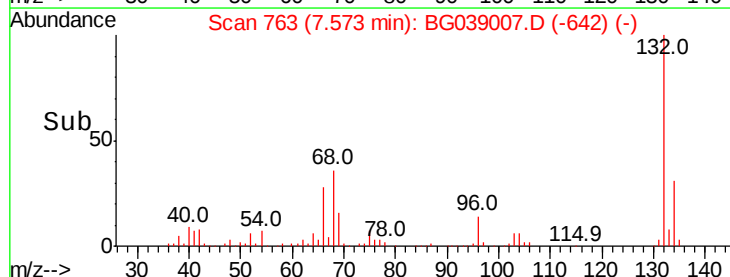
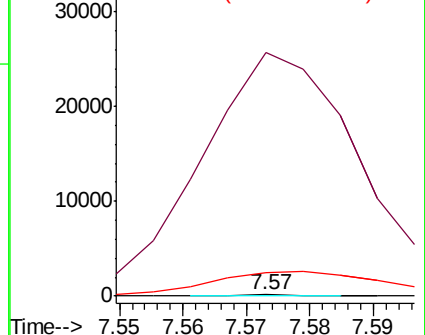
65 1527.0 17.8 26.6#

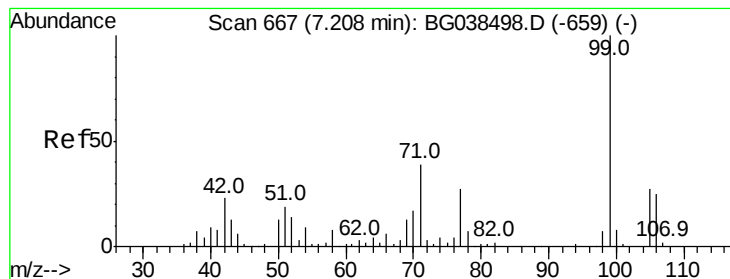


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 125.788 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG039007.D

Acq: 8 Jan 2019 23:47

Instrument :

BNA_G

ClientSampleId :

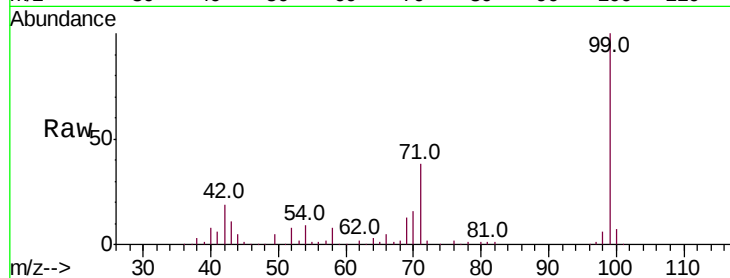
Tot Ion: 99 Resp: 219342

Ion Ratio Lower Upper

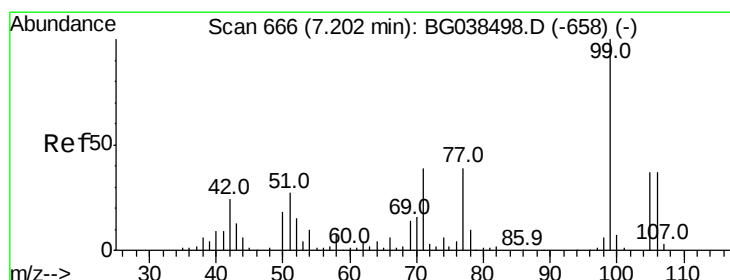
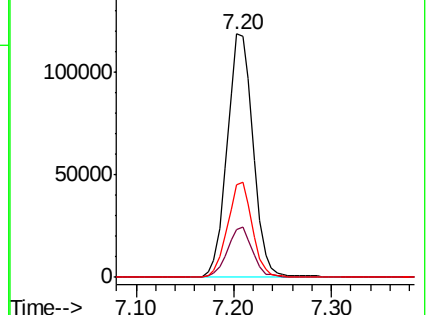
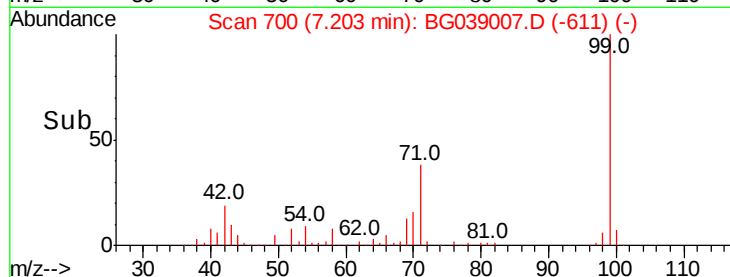
99 100

42 19.4 18.5 27.7

71 38.1 31.1 46.7



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: 0.225 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BG039007.D

Acq: 8 Jan 2019 23:47

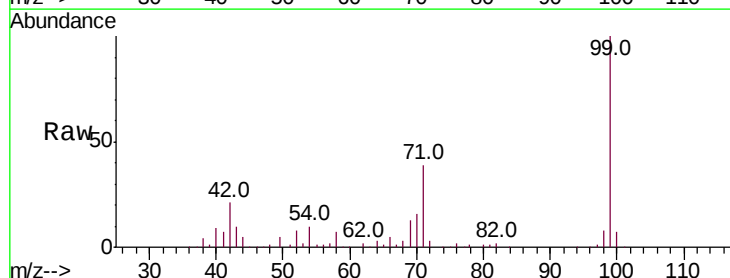
Tgt Ion: 77 Resp: 255

Ion Ratio Lower Upper

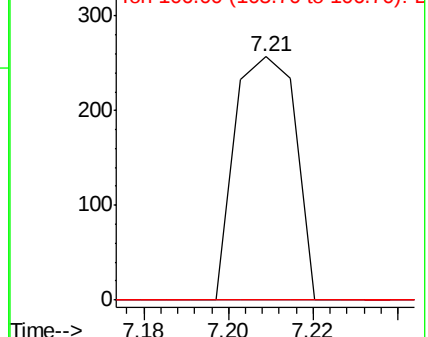
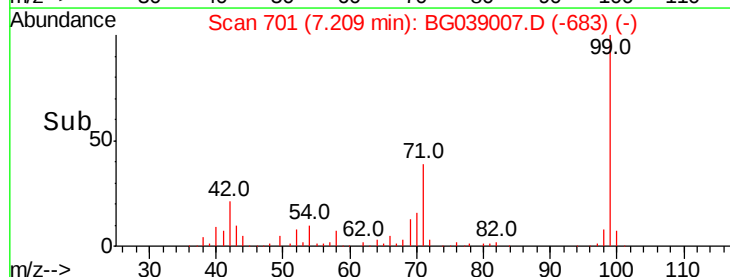
77 100

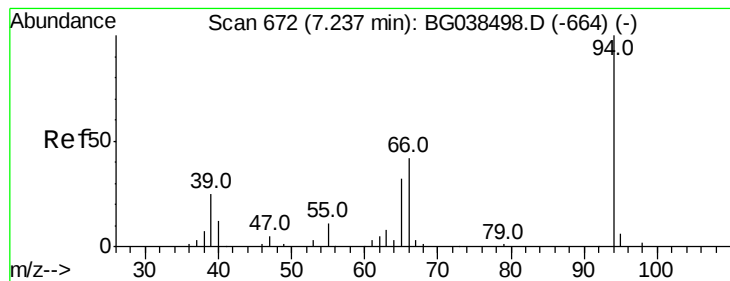
105 0.0 74.0 114.0#

106 0.0 73.9 113.9#



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: 2.256 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG039007.D

Acq: 8 Jan 2019 23:47

Instrument :

BNA_G

ClientSampled :

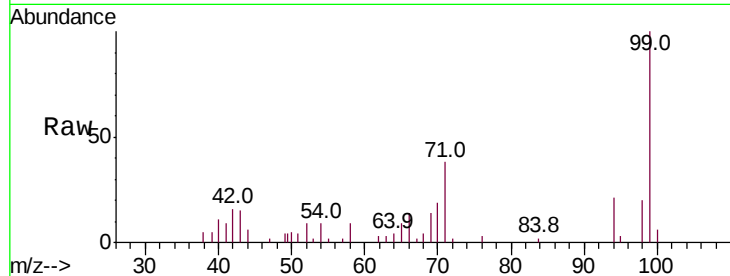
Tot Ion: 94 Resp: 4180

Ion Ratio Lower Upper

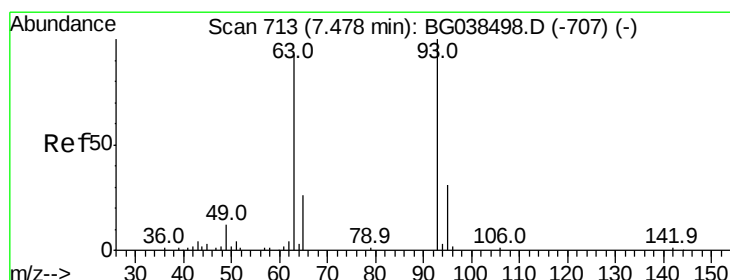
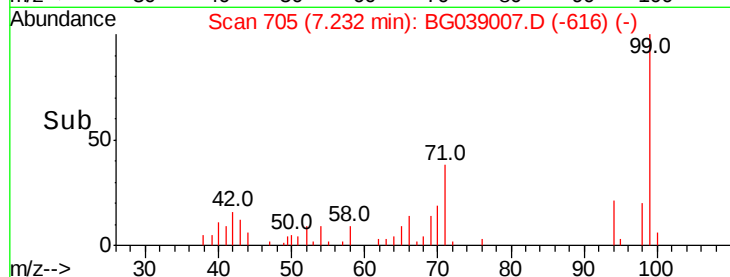
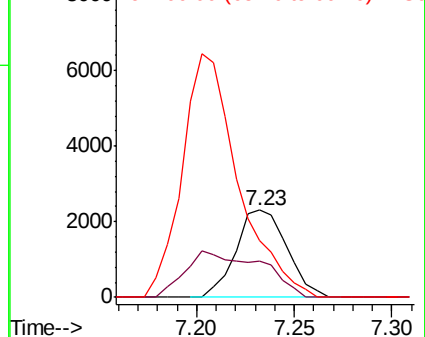
94 100

65 41.9 12.6 52.6

66 65.1 24.1 64.1#



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: 0.039 ng

RT: 7.57 min Scan# 763

Delta R.T. 0.10 min

Lab File: BG039007.D

Acq: 8 Jan 2019 23:47

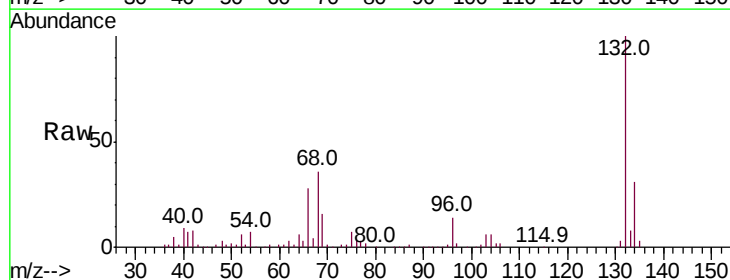
Tgt Ion: 93 Resp: 57

Ion Ratio Lower Upper

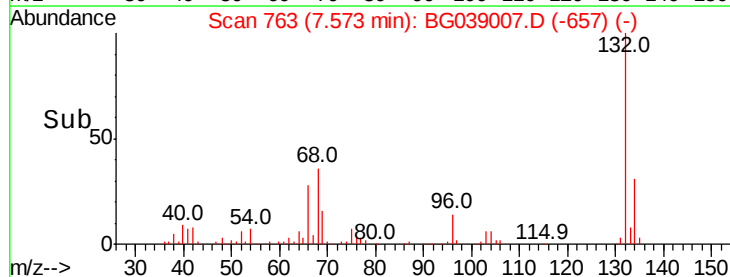
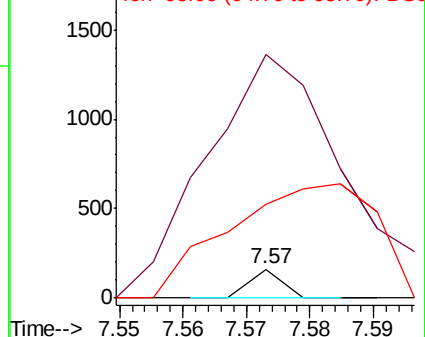
93 100

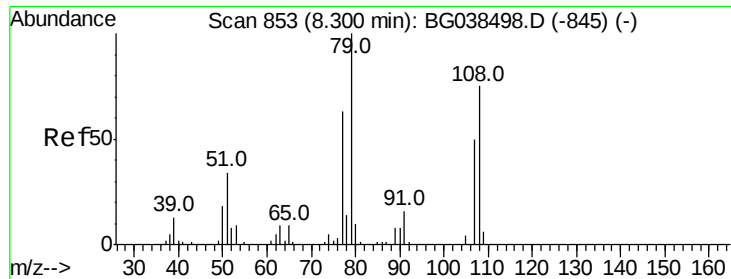
63 835.0 72.2 112.2#

95 322.7 11.2 51.2#



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





#15

Benzyl Alcohol

Concen: 1.509 ng

RT: 8.37 min Scan# 898

Delta R.T. 0.07 min

Lab File: BG039007.D

Acq: 8 Jan 2019 23:47

Instrument :

BNA_G

ClientSampleId :

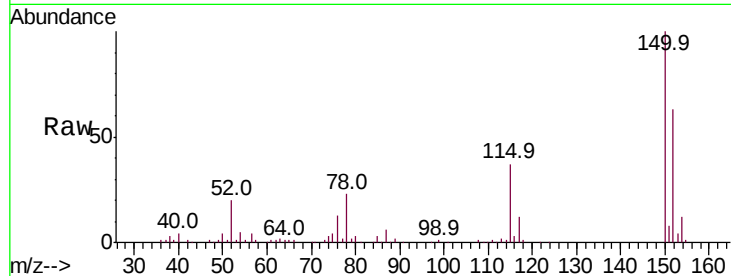
Tot Ion: 79 Resp: 2054

Ion Ratio Lower Upper

79 100

108 28.9 60.2 90.4#

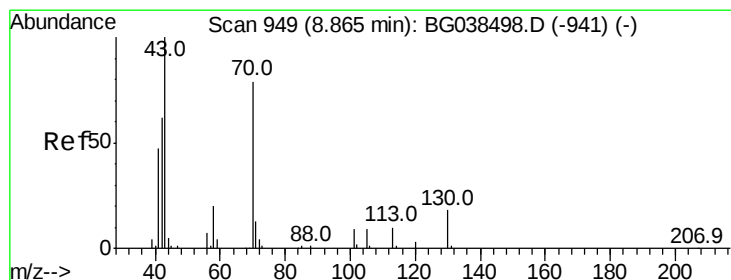
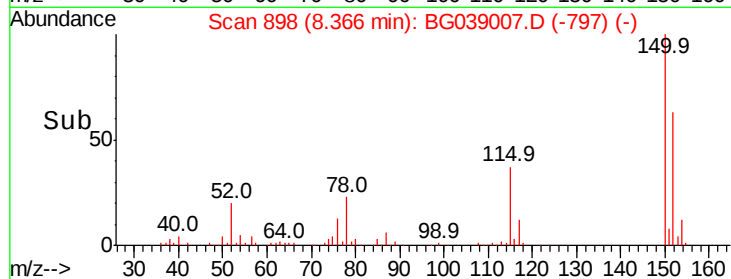
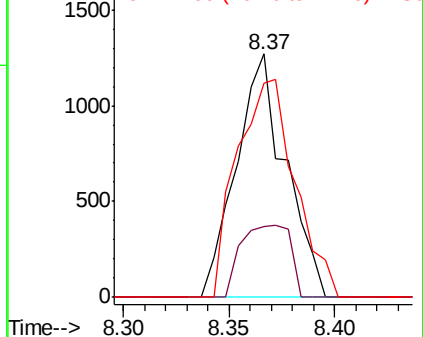
77 88.0 50.7 76.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#19

n-Nitroso-di-n-propylamine

Concen: 13.983 ng

RT: 9.22 min Scan# 1044

Delta R.T. 0.36 min

Lab File: BG039007.D

Acq: 8 Jan 2019 23:47

Tgt Ion: 70 Resp: 17125

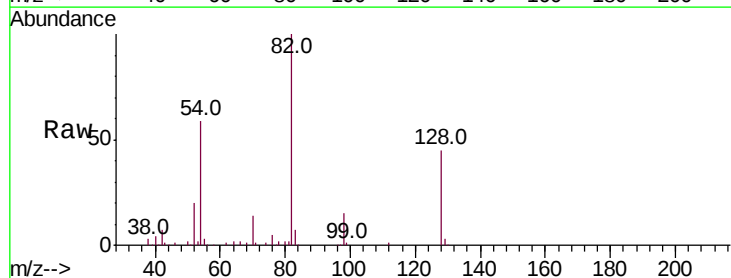
Ion Ratio Lower Upper

70 100

42 46.3 63.6 95.4#

101 0.0 9.2 13.8#

130 2.9 18.5 27.7#

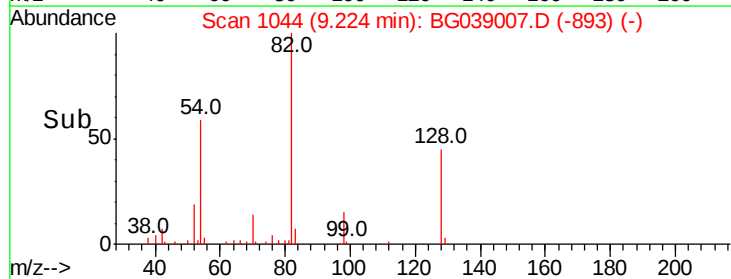
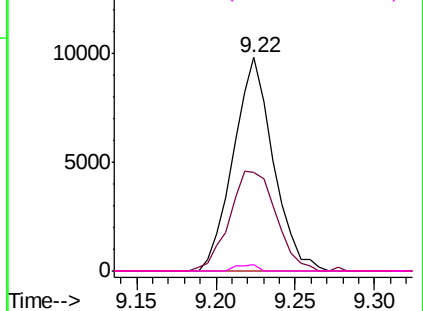


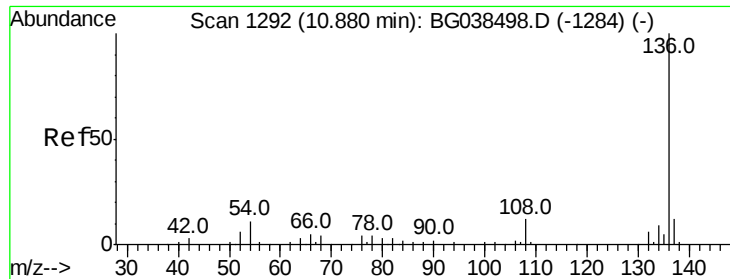
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

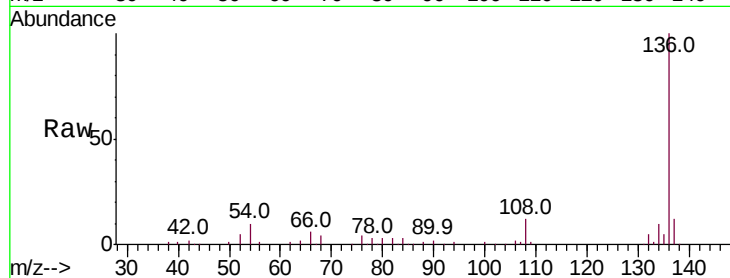




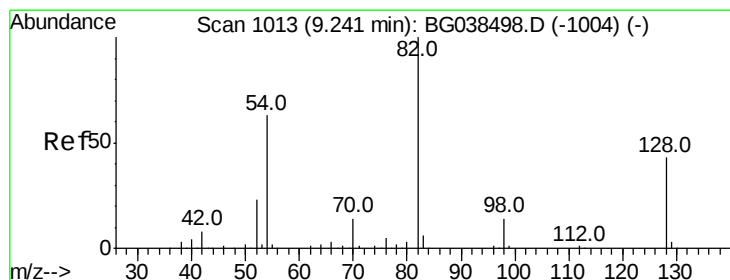
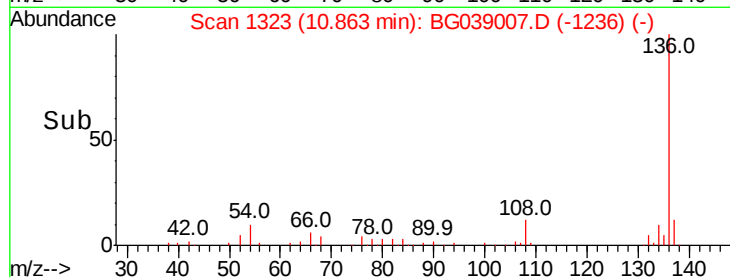
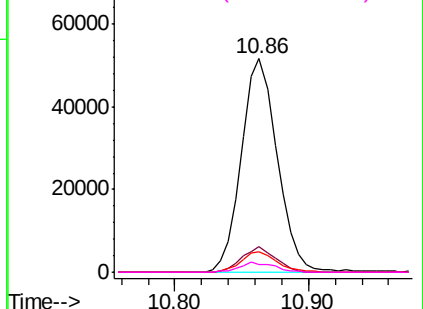
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG039007.D
Acq: 8 Jan 2019 23:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	96086
Ion	Ratio	Lower Upper
136	100	
137	12.2	9.3 13.9
54	9.5	8.5 12.7
68	3.8	3.5 5.3

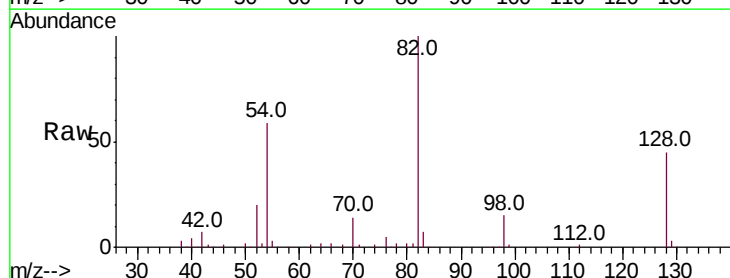


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

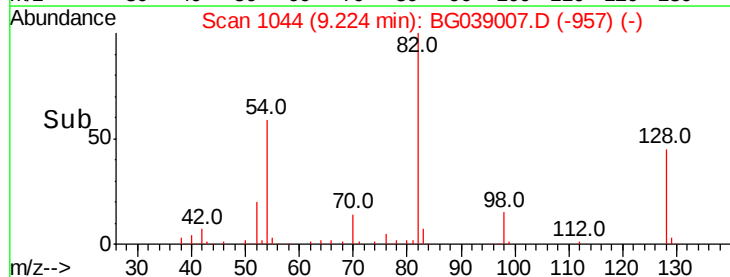
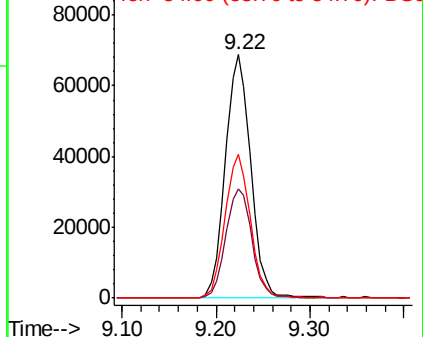


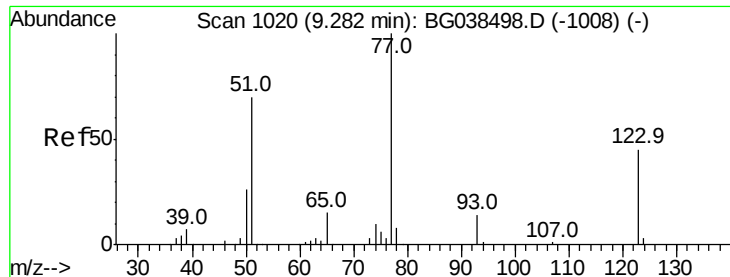
#23
Nitrobenzene-d5
Concen: 68.934 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG039007.D
Acq: 8 Jan 2019 23:47

Tgt Ion: 82	Resp:	129652
Ion	Ratio	Lower Upper
82	100	
128	44.7	34.6 52.0
54	59.0	50.6 76.0



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

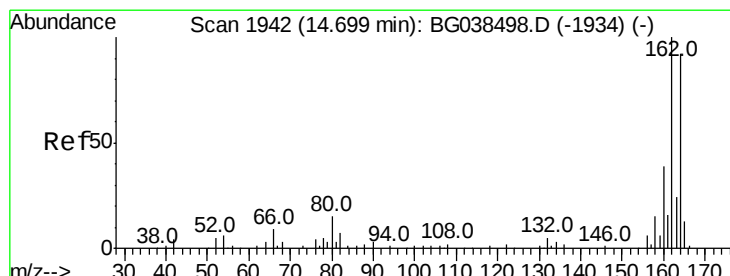
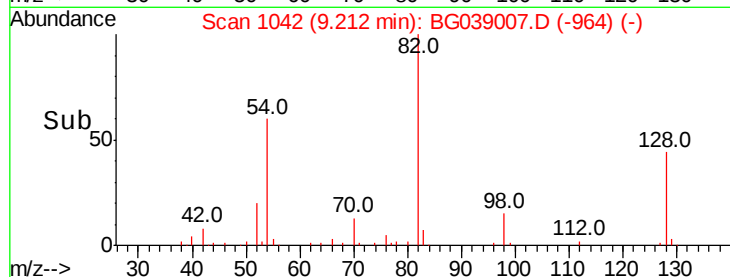
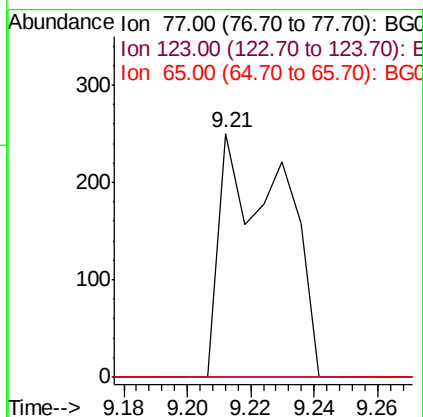
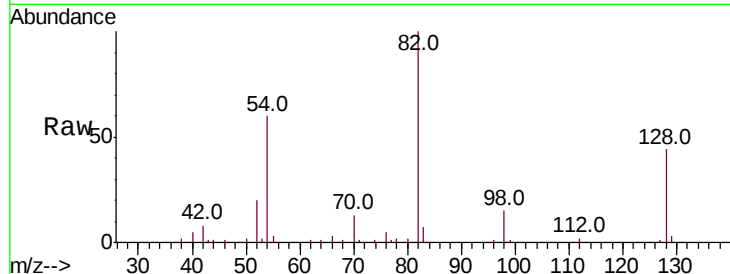




#24
Nitrobenzene
Concen: 0.179 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.07 min
Lab File: BG039007.D
Acq: 8 Jan 2019 23:47

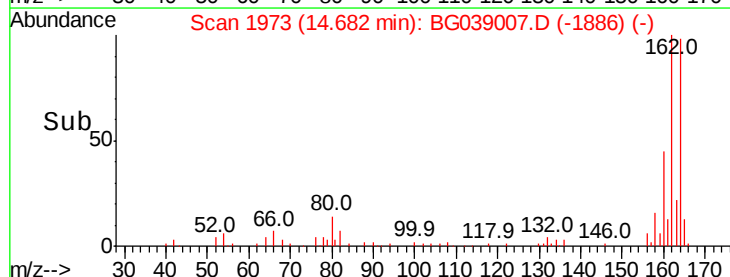
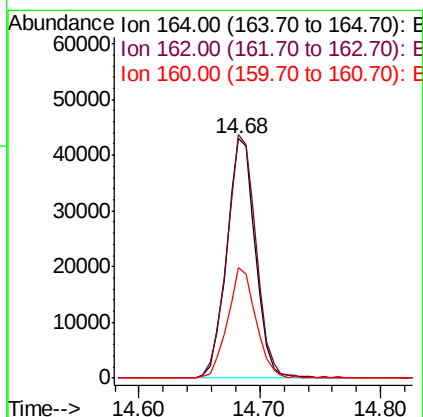
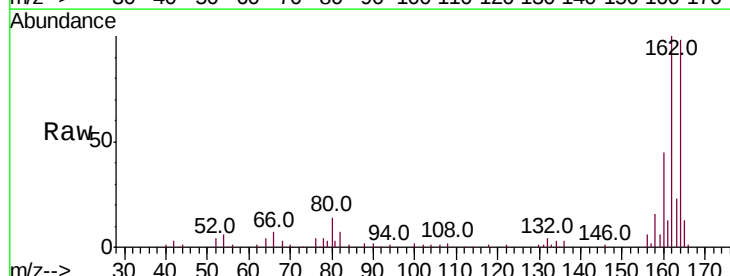
Instrument :
BNA_G
ClientSampled :

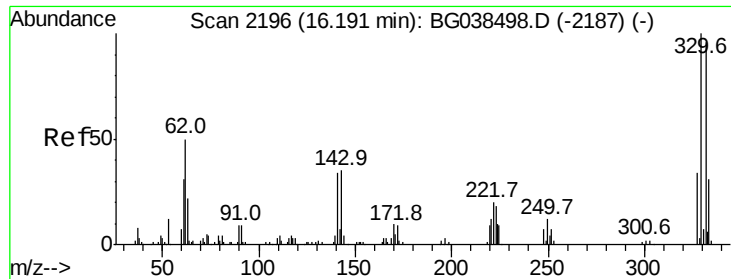
Tot Ion: 77 Resp: 340
Ion Ratio Lower Upper
77 100
123 0.0 35.9 53.9#
65 0.0 12.0 18.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG039007.D
Acq: 8 Jan 2019 23:47

Tgt Ion: 164 Resp: 70388
Ion Ratio Lower Upper
164 100
162 101.7 86.6 130.0
160 45.9 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 125.920 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.02 min

Lab File: BG039007.D

Acq: 8 Jan 2019 23:47

Instrument :

BNA_G

ClientSampled :

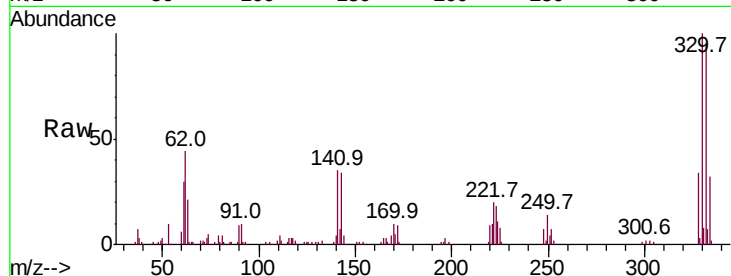
Tot Ion:330 Resp: 122152

Ion Ratio Lower Upper

330 100

332 95.2 76.9 115.3

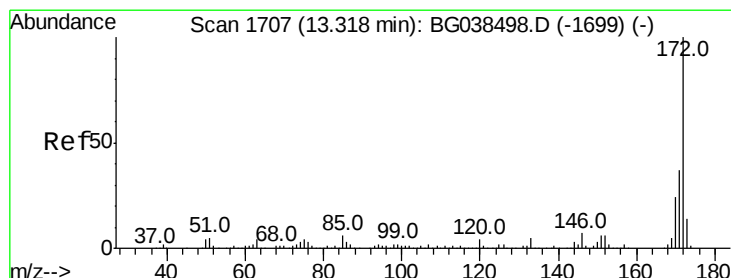
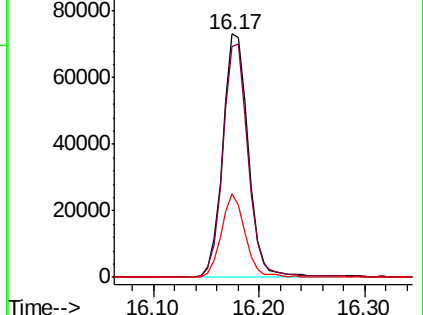
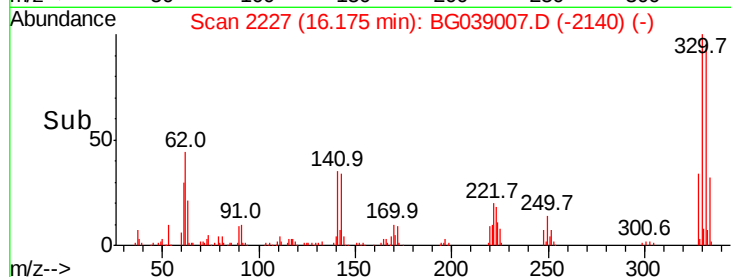
141 32.3 28.8 43.2



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: 79.273 ng

RT: 13.30 min Scan# 1738

Delta R.T. -0.02 min

Lab File: BG039007.D

Acq: 8 Jan 2019 23:47

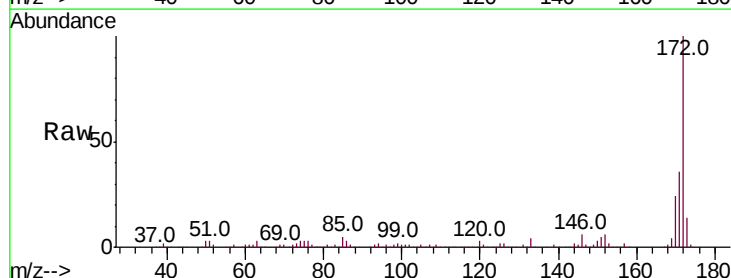
Tgt Ion:172 Resp: 406742

Ion Ratio Lower Upper

172 100

171 36.0 29.8 44.6

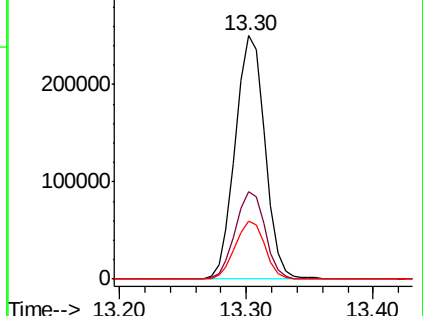
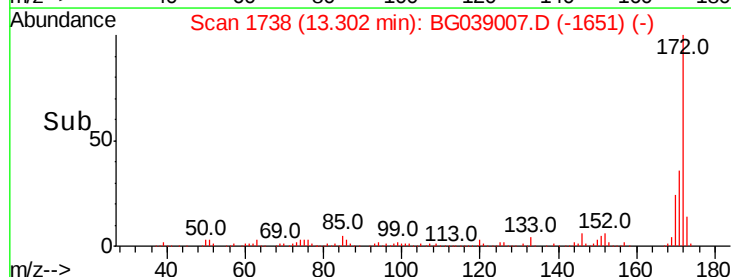
170 23.9 19.5 29.3

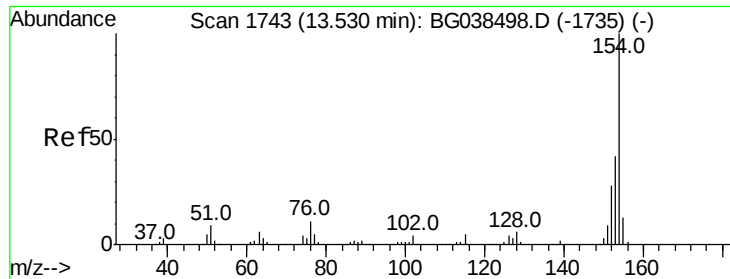


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

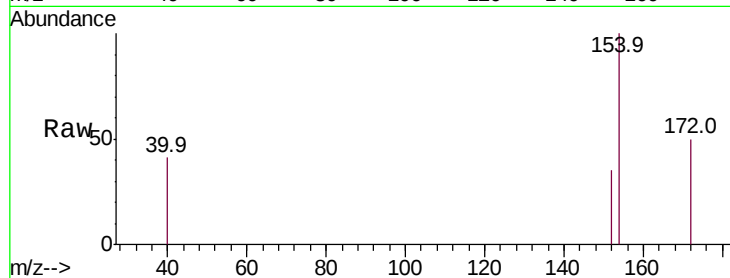




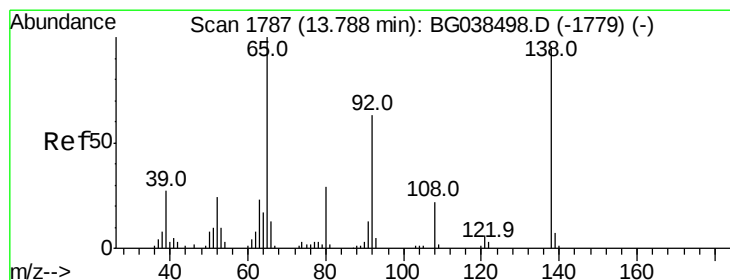
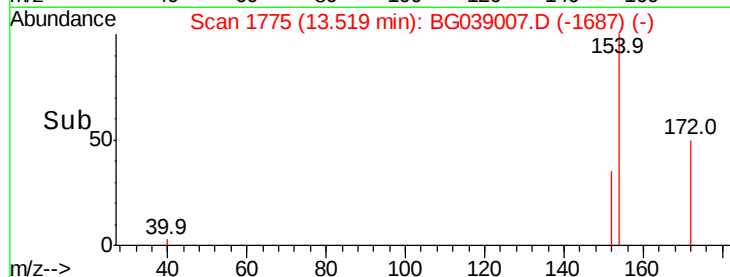
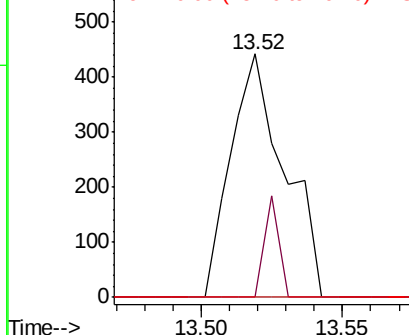
#46
1,1'-Biphenyl
Concen: 0.098 ng
RT: 13.52 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BG039007.D
Acq: 8 Jan 2019 23:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:154 Resp: 581
Ion Ratio Lower Upper
154 100
153 0.0 22.1 62.1#
76 0.0 0.0 31.2

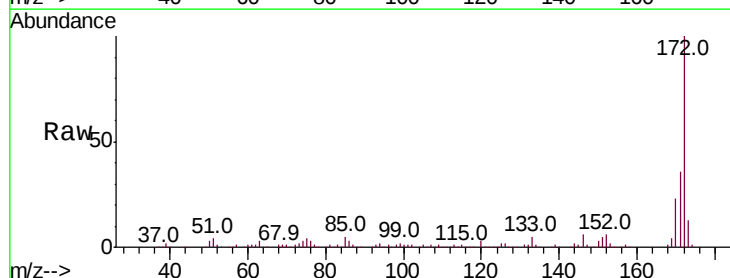


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BGC

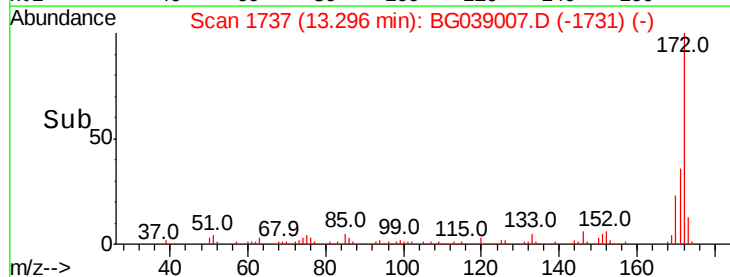
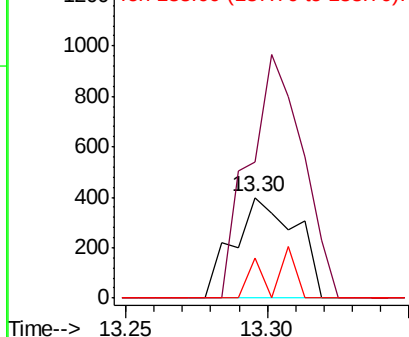


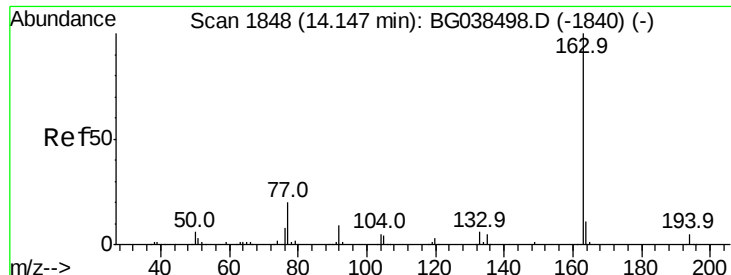
#48
2-Nitroaniline
Concen: 0.422 ng
RT: 13.30 min Scan# 1737
Delta R.T. -0.49 min
Lab File: BG039007.D
Acq: 8 Jan 2019 23:47

Tgt Ion: 65 Resp: 613
Ion Ratio Lower Upper
65 100
92 134.5 50.0 75.0#
138 40.0 76.9 115.3#



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: 2.665 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BG039007.D

Acq: 8 Jan 2019 23:47

Instrument :

BNA_G

ClientSampleId :

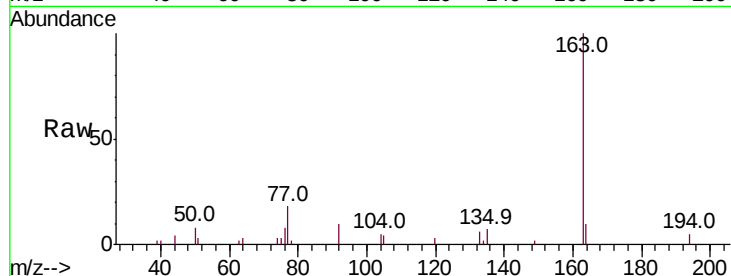
Tot Ion:163 Resp: 15321

Ion Ratio Lower Upper

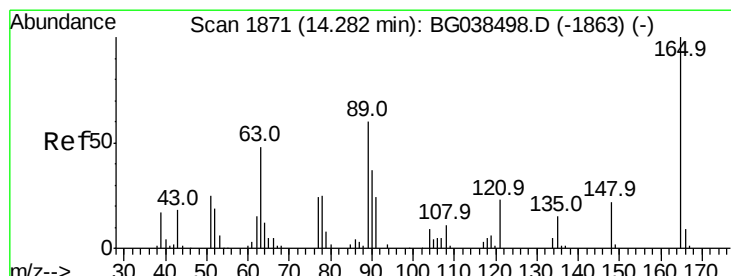
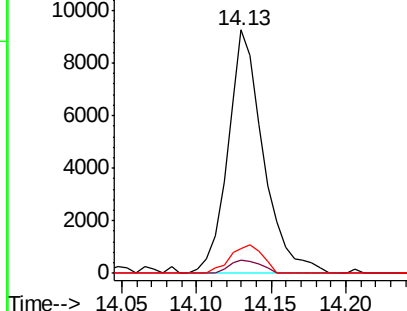
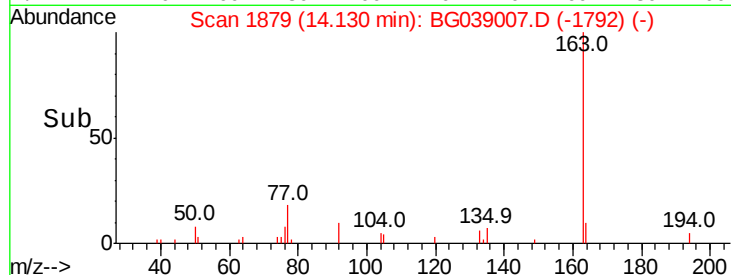
163 100

194 5.5 3.7 5.5

164 10.1 8.6 12.8



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: 7.020 ng

RT: 14.69 min Scan# 1974

Delta R.T. 0.41 min

Lab File: BG039007.D

Acq: 8 Jan 2019 23:47

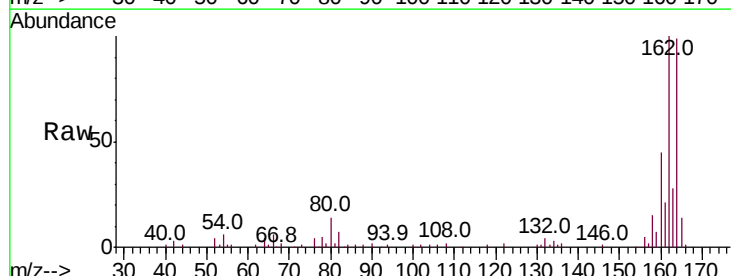
Tgt Ion:165 Resp: 9145

Ion Ratio Lower Upper

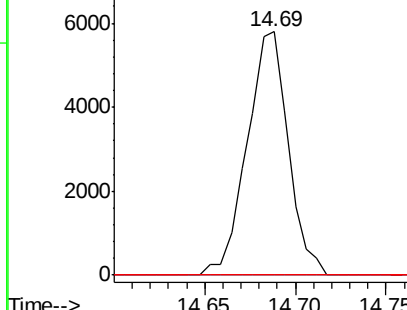
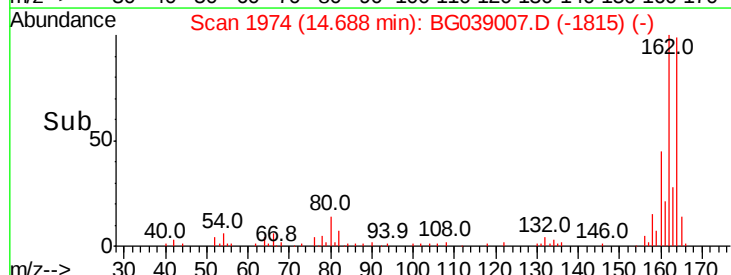
165 100

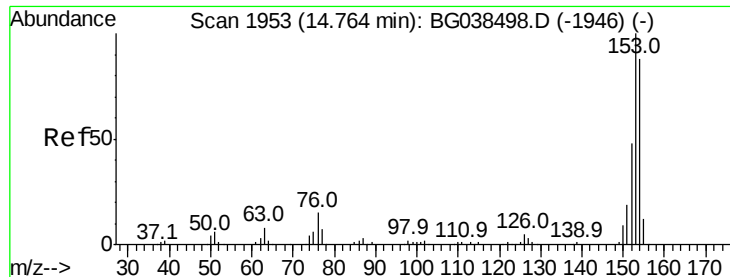
63 0.0 51.8 77.6#

89 0.0 47.9 71.9#



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: 0.033 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.08 min

Lab File: BG039007.D

Acq: 8 Jan 2019 23:47

Instrument :

BNA_G

ClientSampled :

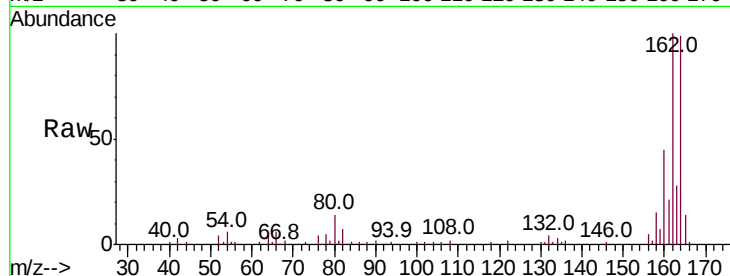
Tot Ion:154 Resp: 133

Ion Ratio Lower Upper

154 100

153 0.0 90.6 136.0#

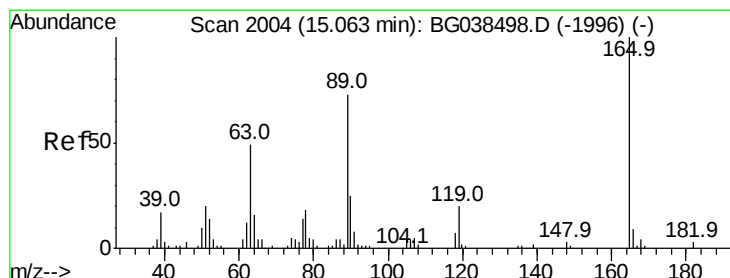
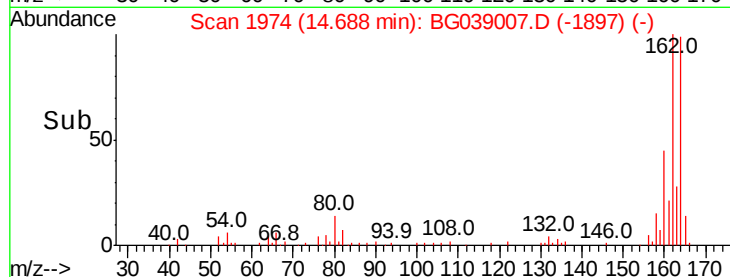
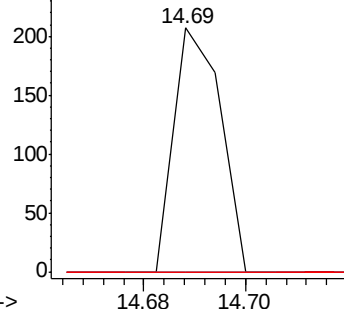
152 0.0 43.5 65.3#



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: 4.984 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.37 min

Lab File: BG039007.D

Acq: 8 Jan 2019 23:47

Tgt Ion:165 Resp: 9145

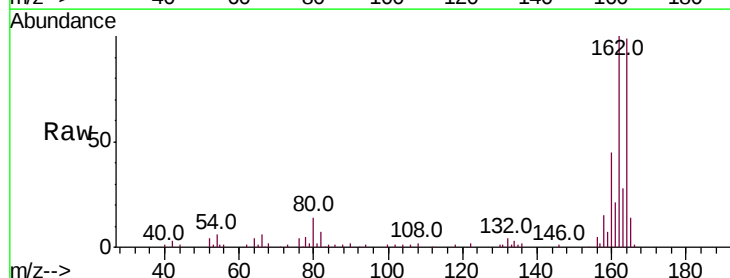
Ion Ratio Lower Upper

165 100

63 0.0 39.0 58.4#

89 0.0 58.0 87.0#

182 0.0 2.3 3.5#

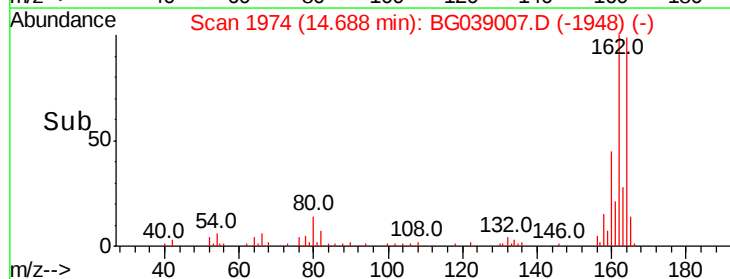
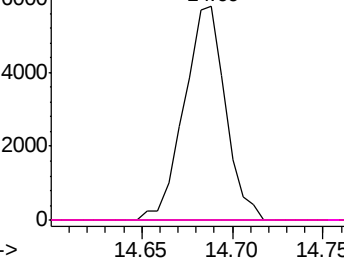


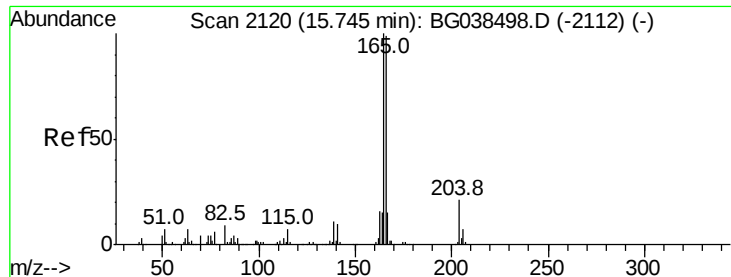
Abundance Ion 165.00 (164.70 to 165.70): E

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: 0.737 ng

RT: 16.17 min Scan# 2227

Delta R.T. 0.43 min

Lab File: BG039007.D

Acq: 8 Jan 2019 23:47

Instrument :

BNA_G

ClientSampleId :

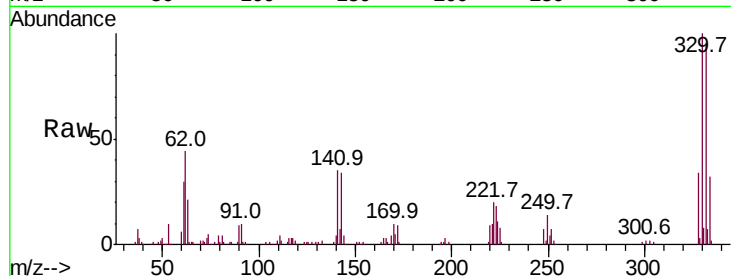
Tot Ion:166 Resp: 3814

Ion Ratio Lower Upper

166 100

165 107.3 80.6 120.8

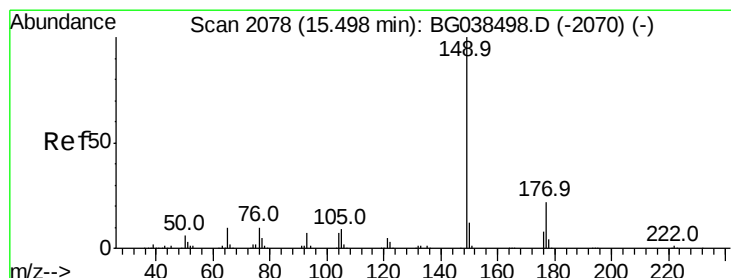
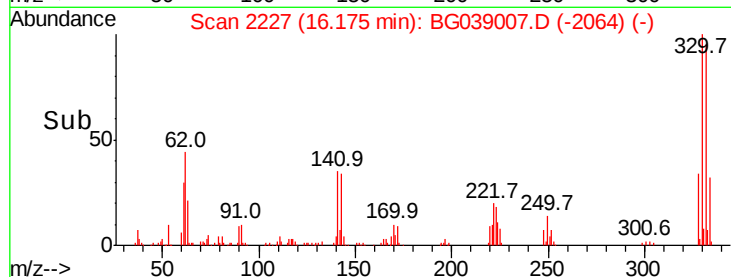
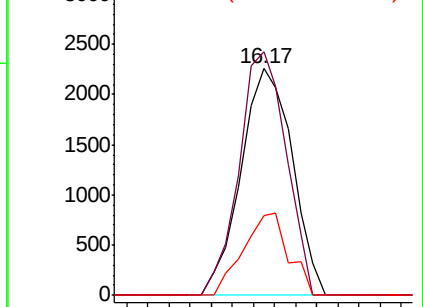
167 35.2 12.0 18.0#



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: 0.011 ng

RT: 15.48 min Scan# 2109

Delta R.T. -0.02 min

Lab File: BG039007.D

Acq: 8 Jan 2019 23:47

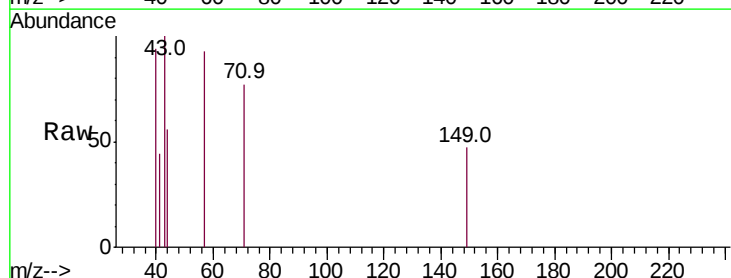
Tgt Ion:149 Resp: 69

Ion Ratio Lower Upper

149 100

177 0.0 17.7 26.5#

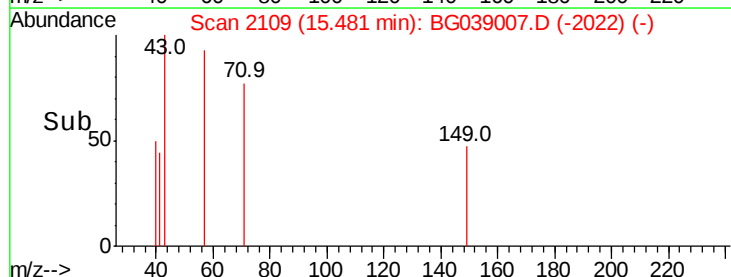
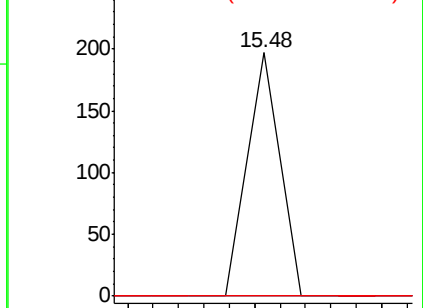
150 0.0 9.9 14.9#

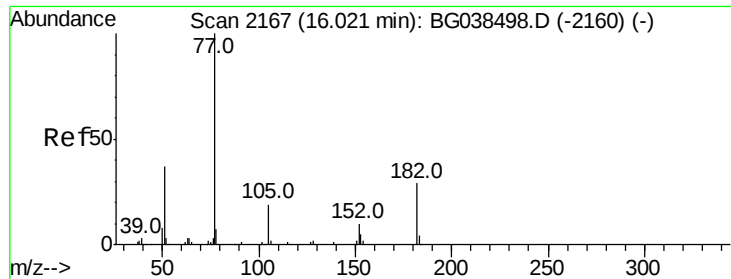


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

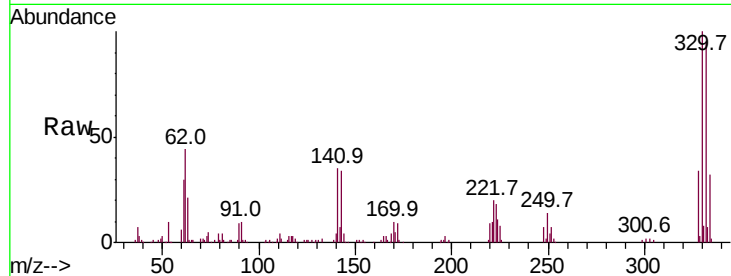




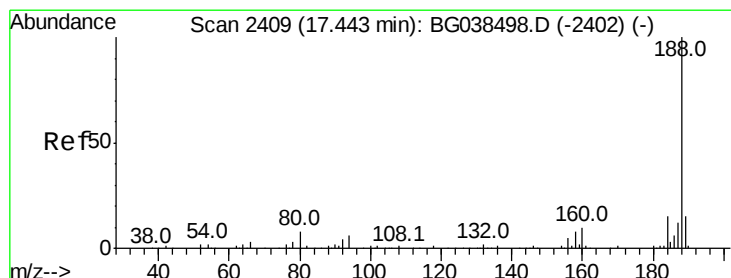
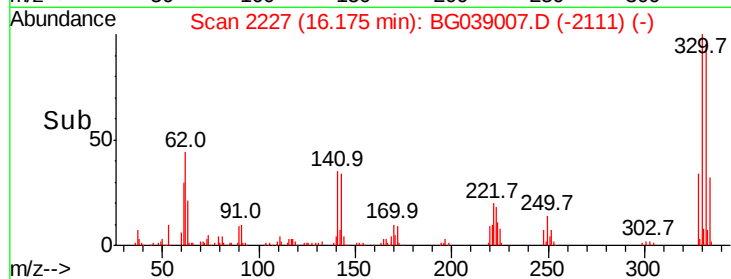
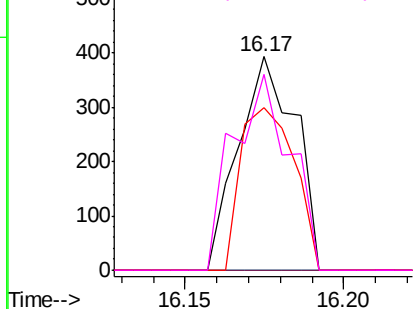
#63
Azobenzene
Concen: 0.093 ng
RT: 16.17 min Scan# 2227
Delta R.T. 0.15 min
Lab File: BG039007.D
Acq: 8 Jan 2019 23:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 77 Resp: 489
Ion Ratio Lower Upper
77 100
182 0.0 8.7 48.7#
105 76.1 0.0 38.7#
51 91.9 16.6 56.6#

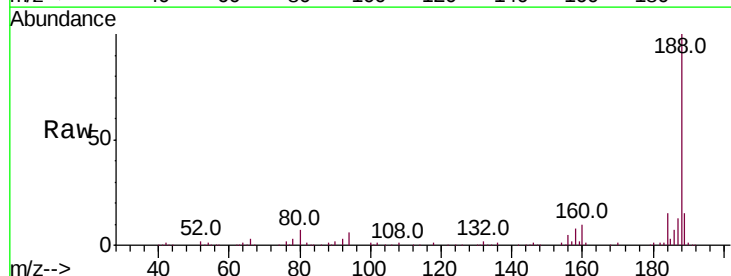


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

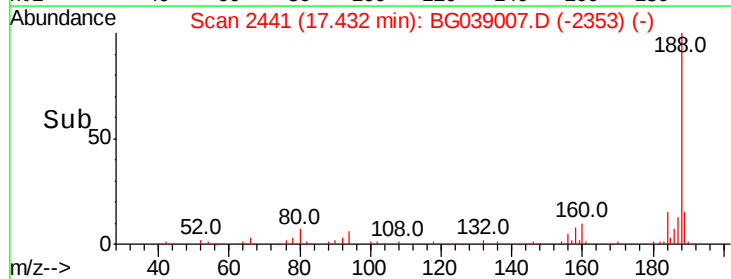
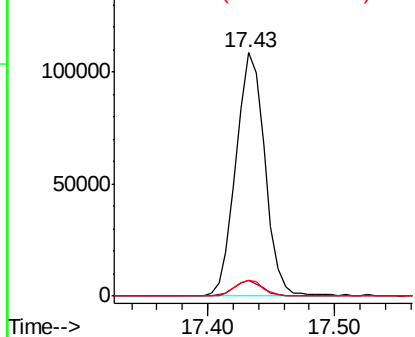


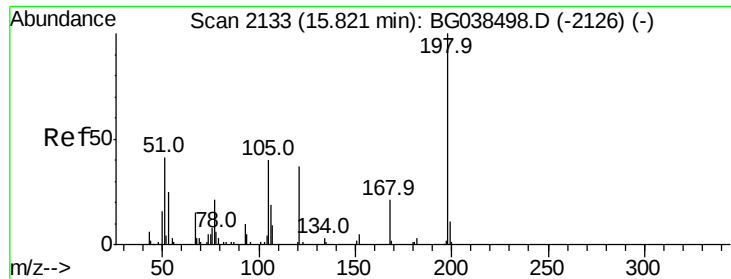
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG039007.D
Acq: 8 Jan 2019 23:47

Tgt Ion: 188 Resp: 171767
Ion Ratio Lower Upper
188 100
94 6.4 5.1 7.7
80 6.6 6.1 9.1



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

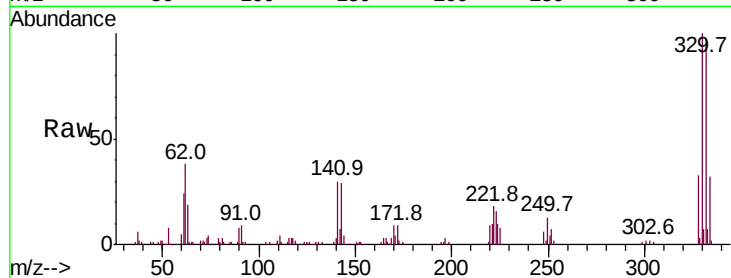




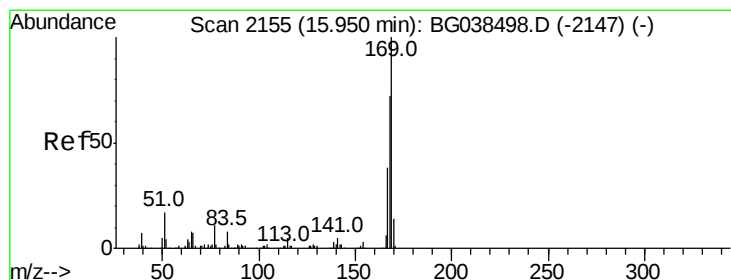
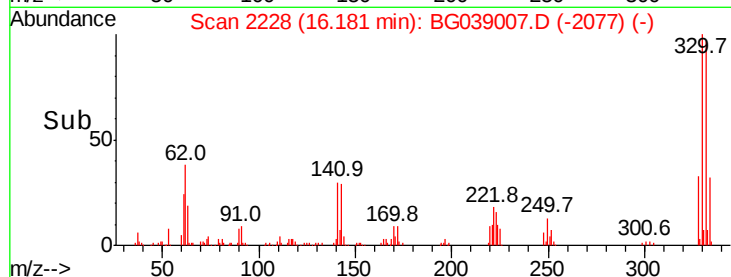
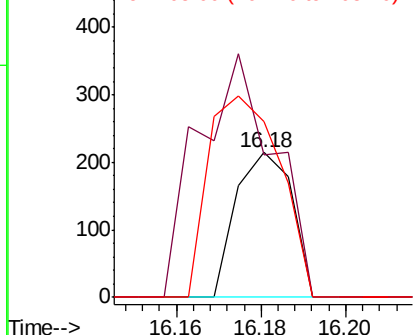
#65
4,6-Dinitro-2-methylphenol
Concen: 0.161 ng
RT: 16.18 min Scan# 2228
Delta R.T. 0.36 min
Lab File: BG039007.D
Acq: 8 Jan 2019 23:47

Instrument :
BNA_G
ClientSampled :

Tot Ion:198 Resp: 197
Ion Ratio Lower Upper
198 100
51 18.9 28.6 68.6#
105 23.3 20.4 60.4

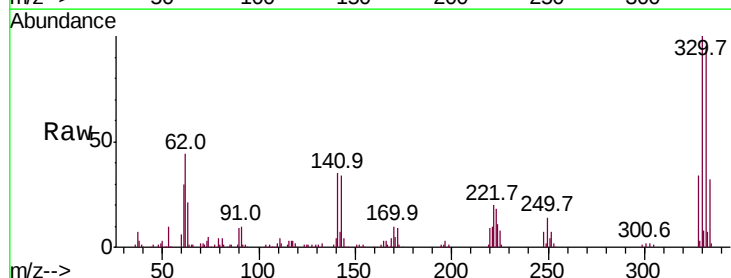


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG0
Ion 105.00 (104.70 to 105.70): E

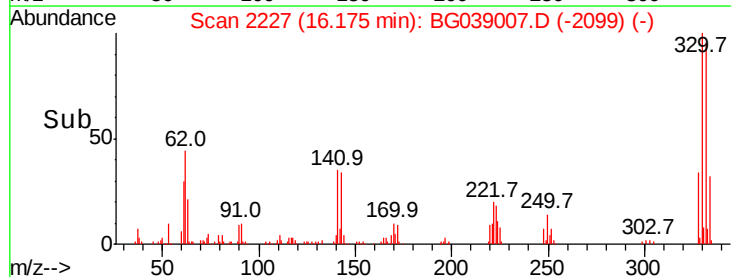
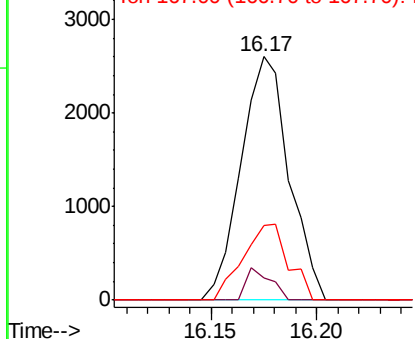


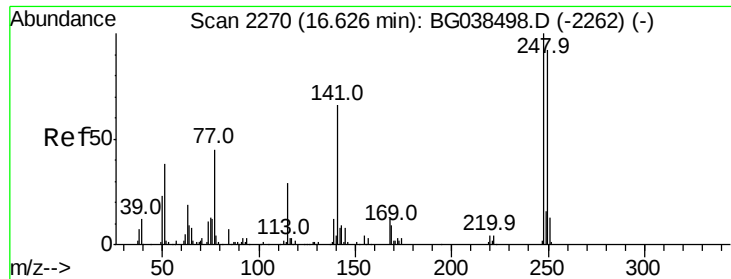
#66
n-Nitrosodiphenylamine
Concen: 0.815 ng
RT: 16.17 min Scan# 2227
Delta R.T. 0.22 min
Lab File: BG039007.D
Acq: 8 Jan 2019 23:47

Tgt Ion:169 Resp: 4115
Ion Ratio Lower Upper
169 100
168 9.1 57.5 86.3#
167 30.6 30.2 45.2



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

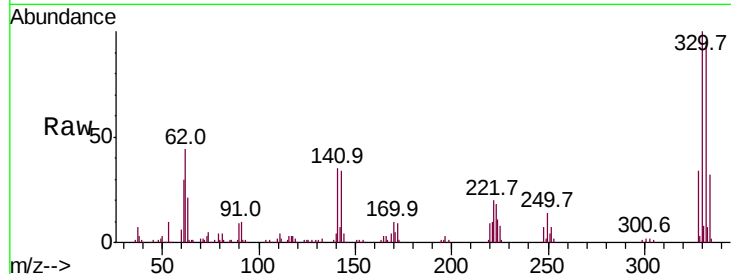




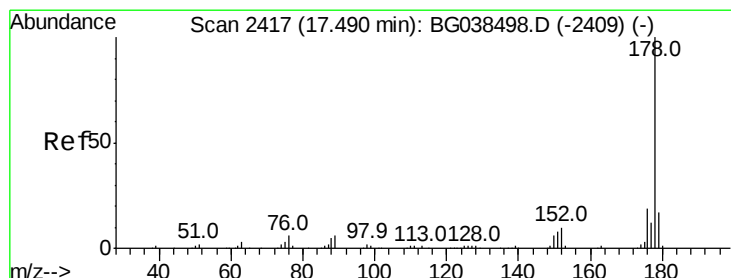
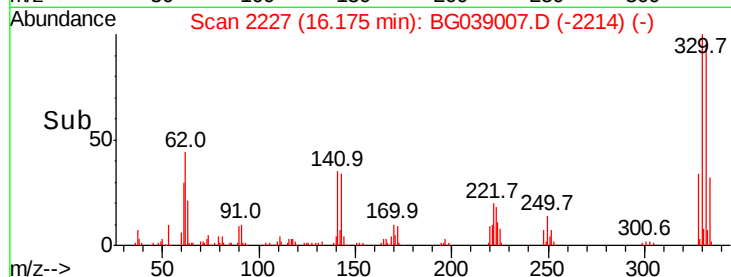
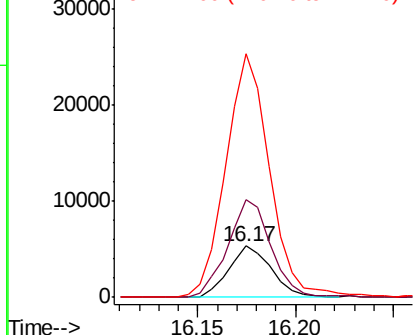
#67
 4-Bromophenyl-phenylether
 Concen: 3.817 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.45 min
 Lab File: BG039007.D
 Acq: 8 Jan 2019 23:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 8007
 Ion Ratio Lower Upper
 248 100
 250 252.2 73.4 110.2#
 141 477.4 52.9 79.3#

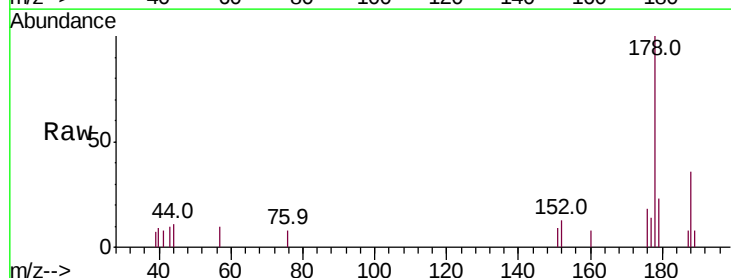


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

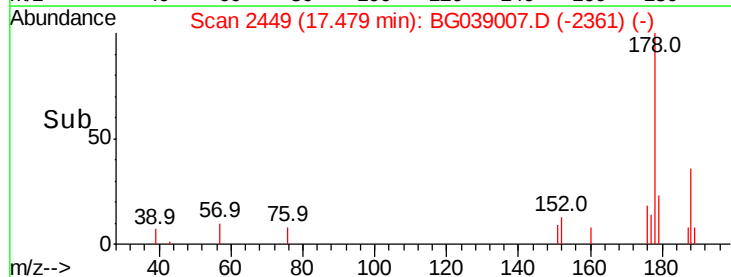
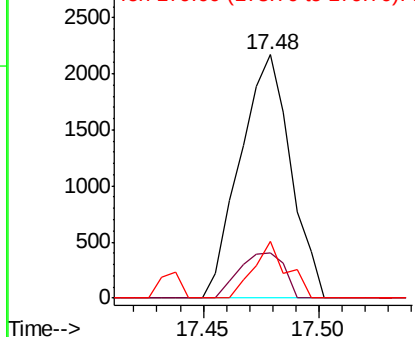


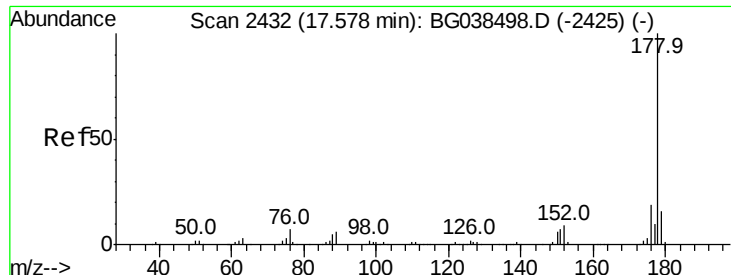
#71
 Phenanthrene
 Concen: 0.370 ng
 RT: 17.48 min Scan# 2449
 Delta R.T. -0.01 min
 Lab File: BG039007.D
 Acq: 8 Jan 2019 23:47

Tgt Ion:178 Resp: 3295
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.1 22.7
 179 23.4 13.2 19.8#



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: 0.018 ng

RT: 17.57 min Scan# 2464

Delta R.T. -0.01 min

Lab File: BG039007.D

Acq: 8 Jan 2019 23:47

Instrument :

BNA_G

ClientSampleId :

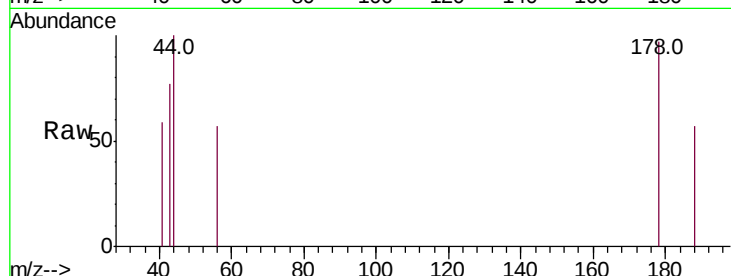
Tot Ion:178 Resp: 154

Ion Ratio Lower Upper

178 100

176 0.0 15.1 22.7#

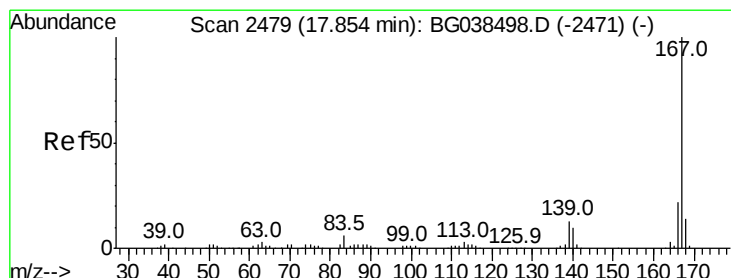
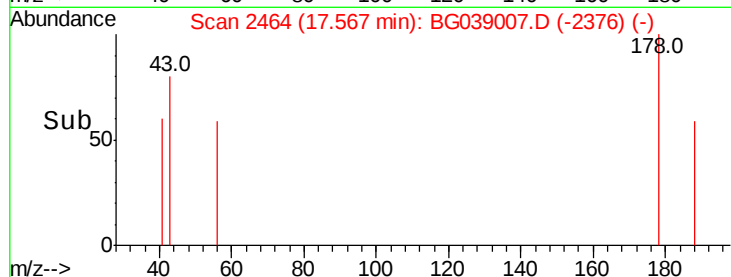
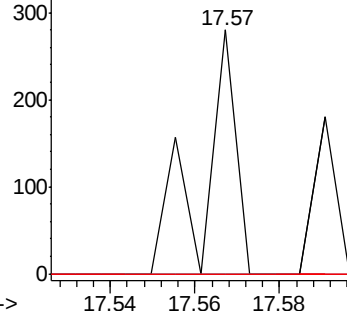
179 0.0 12.9 19.3#



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



#73

Carbazole

Concen: 0.031 ng

RT: 17.85 min Scan# 2512

Delta R.T. -0.00 min

Lab File: BG039007.D

Acq: 8 Jan 2019 23:47

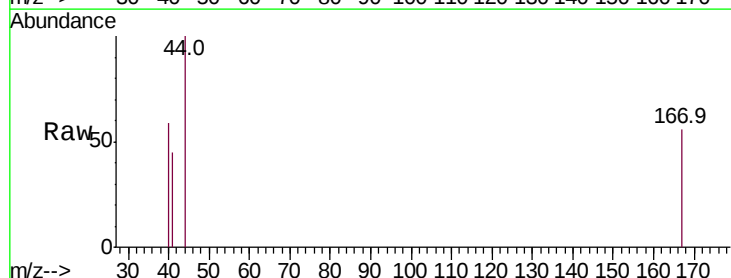
Tgt Ion:167 Resp: 273

Ion Ratio Lower Upper

167 100

166 0.0 17.9 26.9#

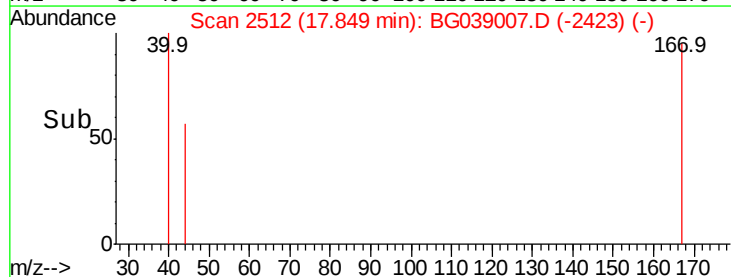
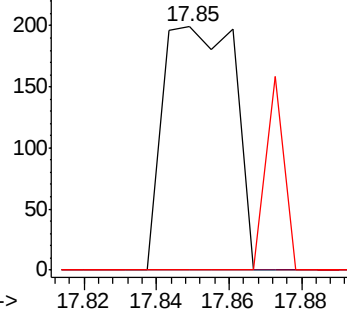
139 0.0 10.2 15.2#

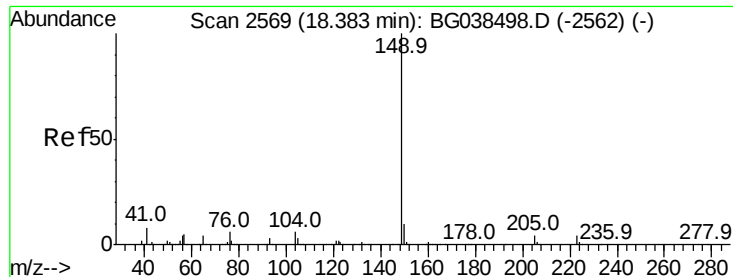


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

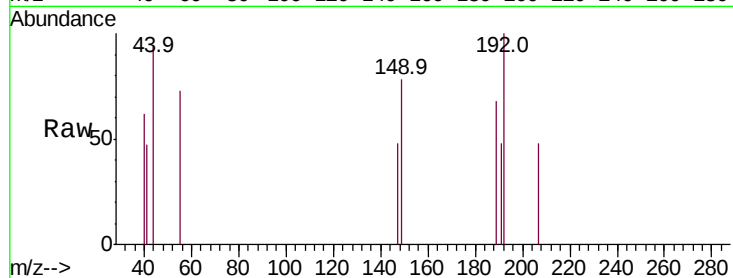




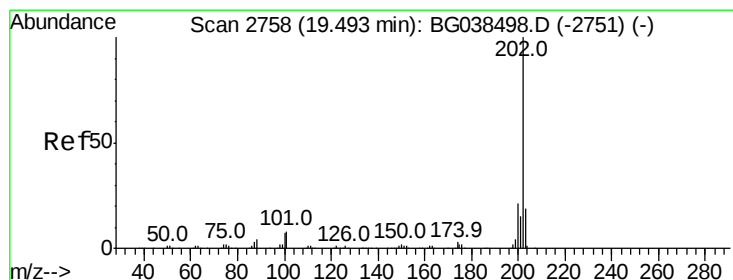
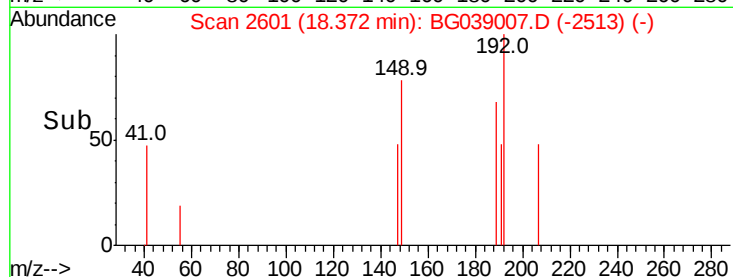
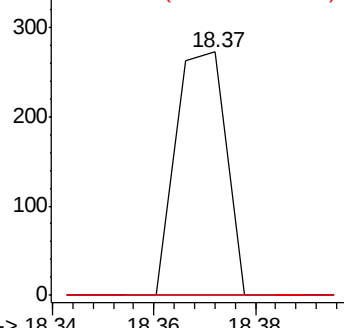
#74
Di-n-butylphthalate
Concen: 0.019 ng
RT: 18.37 min Scan# 2601
Delta R.T. -0.01 min
Lab File: BG039007.D
Acq: 8 Jan 2019 23:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.6	11.4#
104	0.0	5.0	7.4#

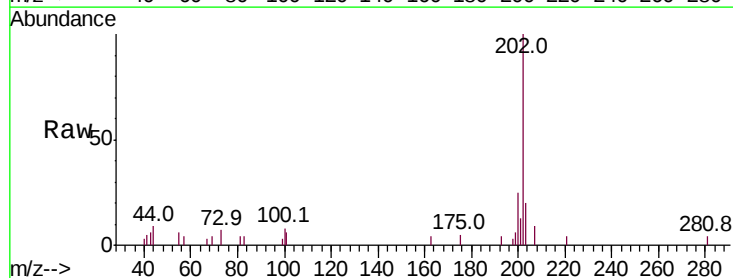


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

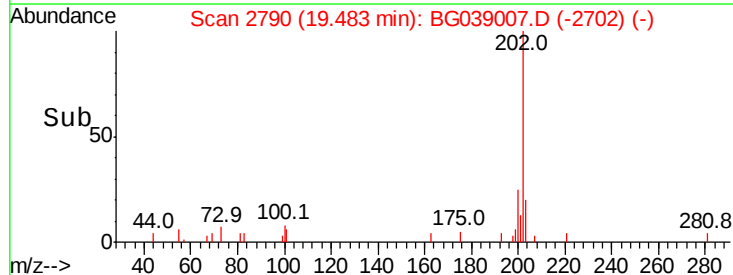
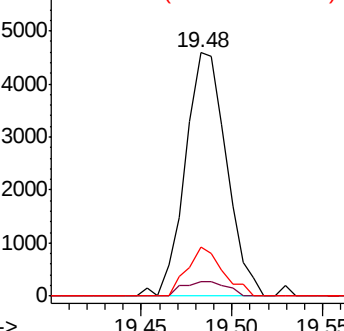


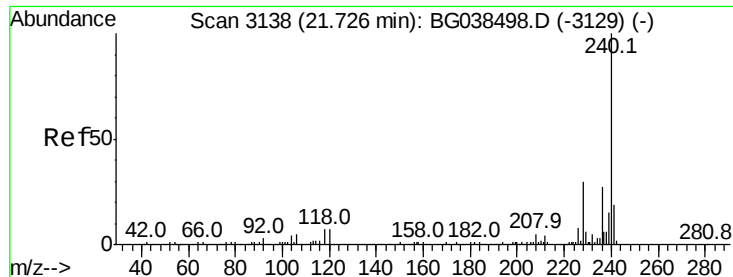
#75
Fluoranthene
Concen: 0.657 ng
RT: 19.48 min Scan# 2790
Delta R.T. -0.01 min
Lab File: BG039007.D
Acq: 8 Jan 2019 23:47

Tgt Ion	Ratio	Lower	Upper
202	100		
101	5.8	0.0	28.1
203	20.3	0.0	39.0



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: 21.71 min Scan# 3169

Delta R.T. -0.02 min

Lab File: BG039007.D

Acq: 8 Jan 2019 23:47

Instrument :

BNA_G

ClientSampled :

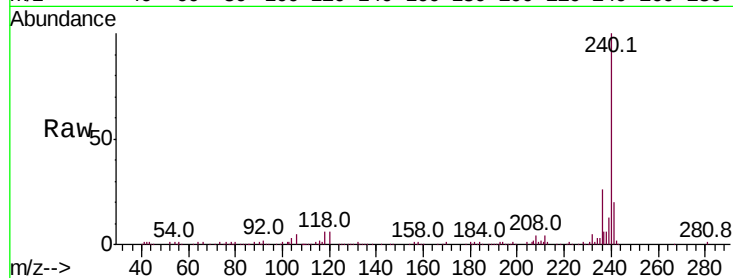
Tot Ion:240 Resp: 174243

Ion Ratio Lower Upper

240 100

120 6.2 5.3 7.9

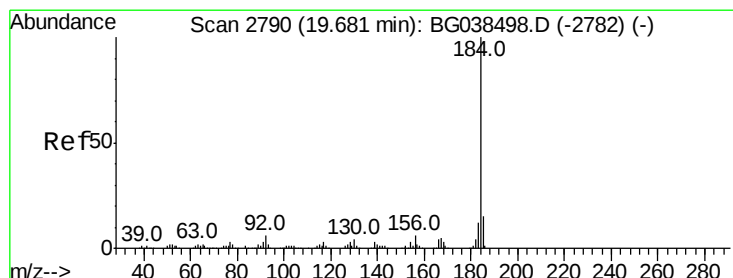
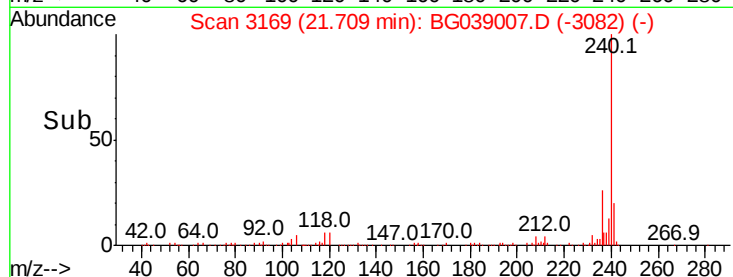
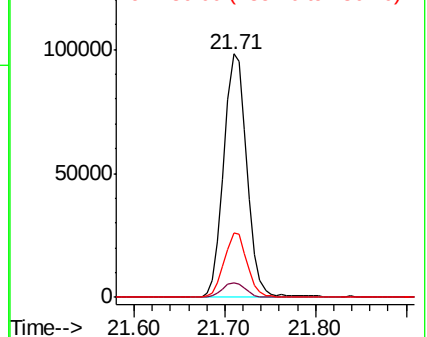
236 26.3 21.4 32.2



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: 2.180 ng

RT: 20.03 min Scan# 2884

Delta R.T. 0.35 min

Lab File: BG039007.D

Acq: 8 Jan 2019 23:47

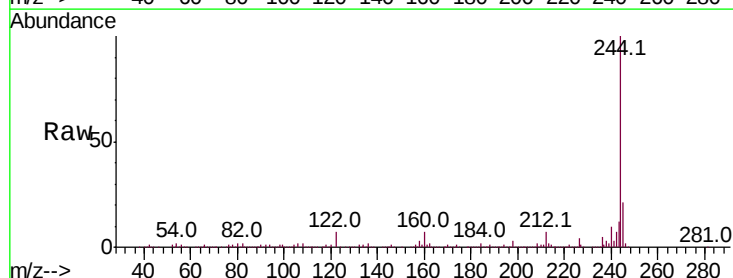
Tgt Ion:184 Resp: 11236

Ion Ratio Lower Upper

184 100

185 16.4 12.2 18.2

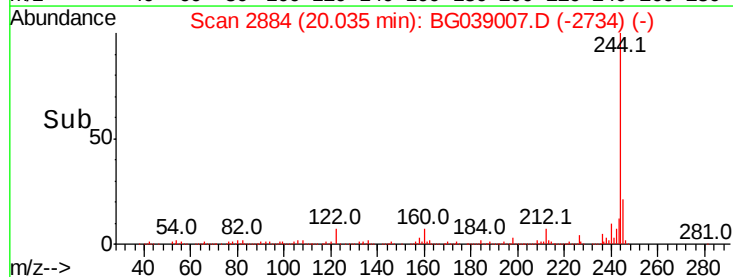
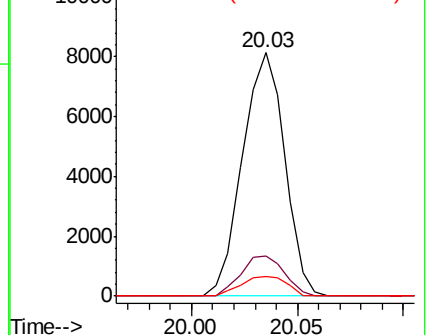
183 8.2 9.6 14.4#

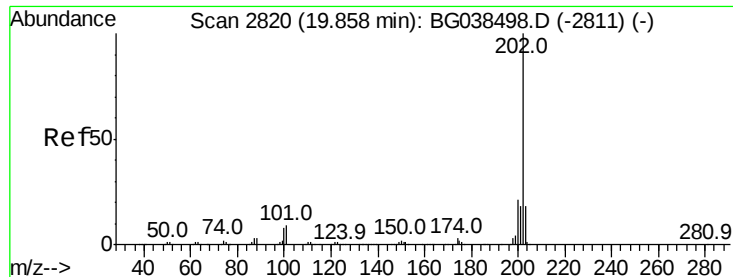


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

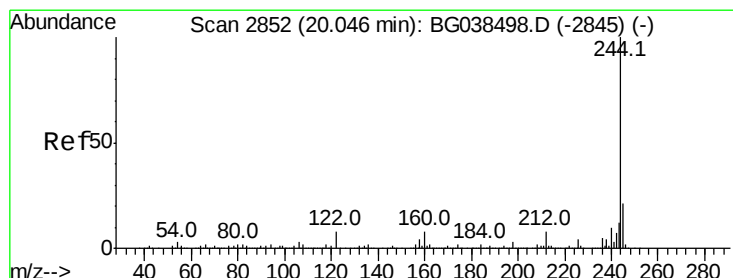
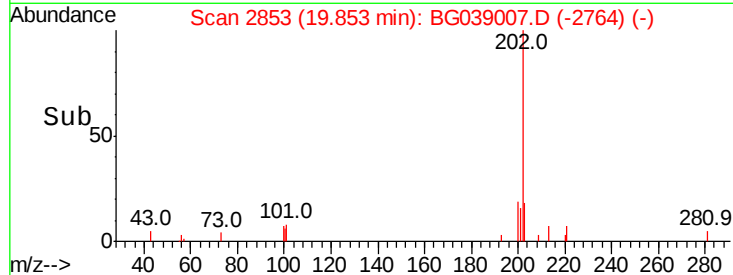
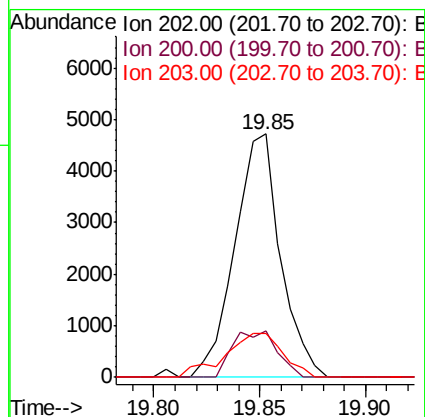
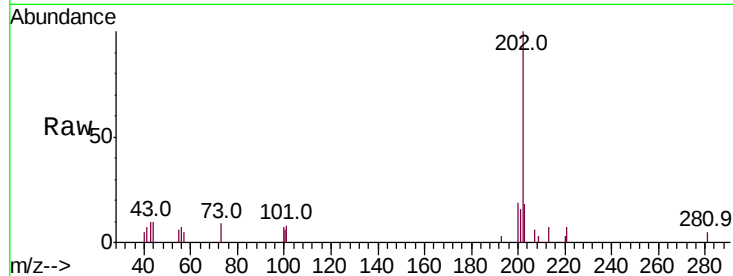




#78
 Pvrene
 Concen: 0.614 ng
 RT: 19.85 min Scan# 2853
 Delta R.T. -0.00 min
 Lab File: BG039007.D
 Acq: 8 Jan 2019 23:47

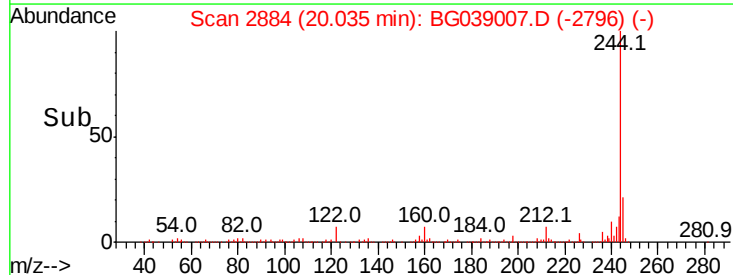
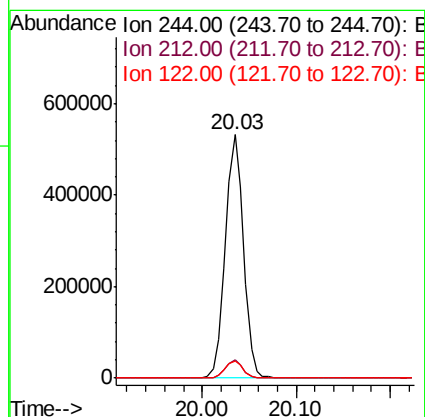
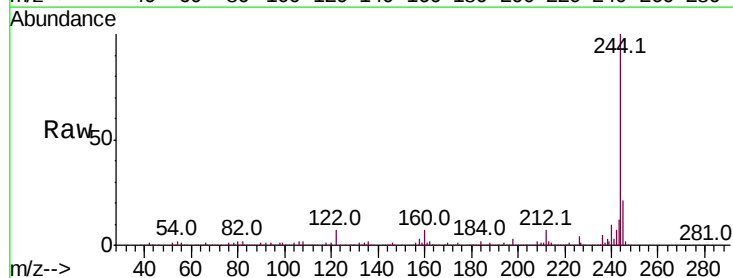
Instrument :
 BNA_G
 ClientSampleId :

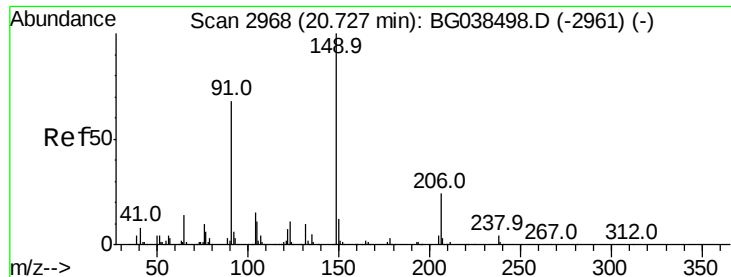
Tot Ion:202 Resp: 7071
 Ion Ratio Lower Upper
 202 100
 200 19.1 16.6 25.0
 203 18.1 14.6 21.8



#79
 Terphenyl-d14
 Concen: 89.346 ng
 RT: 20.03 min Scan# 2884
 Delta R.T. -0.01 min
 Lab File: BG039007.D
 Acq: 8 Jan 2019 23:47

Tgt Ion:244 Resp: 715327
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 7.0 6.3 9.5

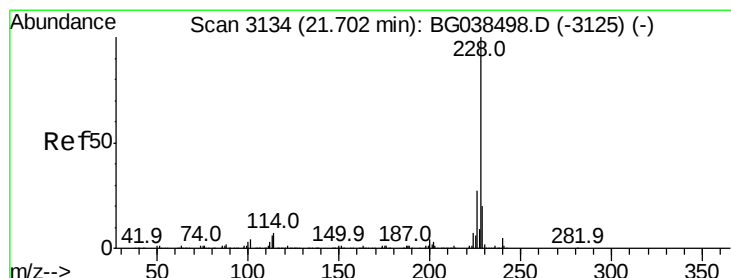
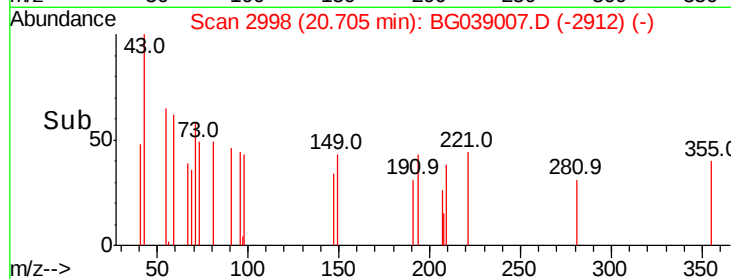
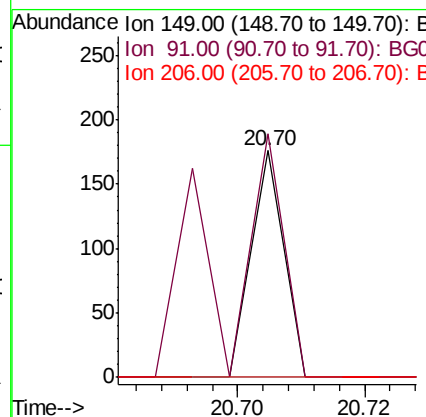
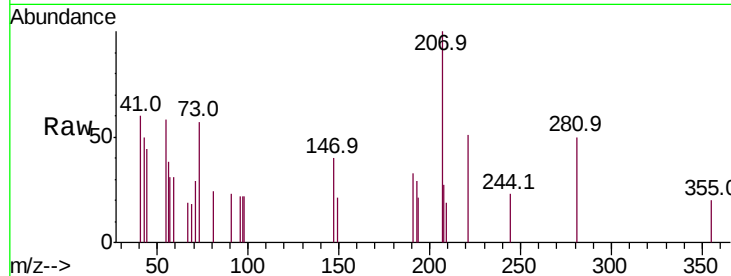




#80
 Butylbenzylphthalate
 Concen: 0.014 ng
 RT: 20.70 min Scan# 2998
 Delta R.T. -0.02 min
 Lab File: BG039007.D
 Acq: 8 Jan 2019 23:47

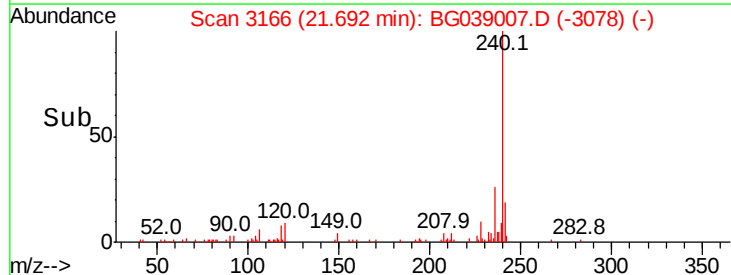
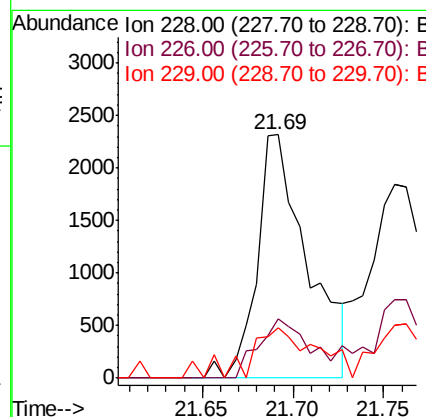
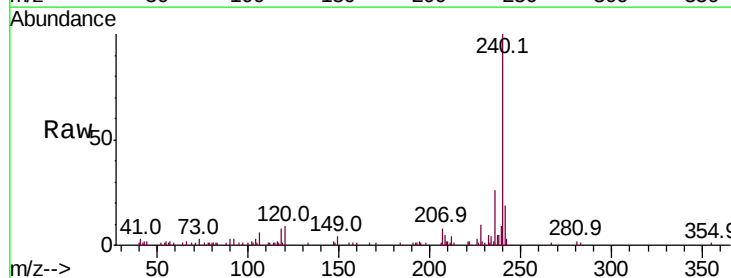
Instrument :
 BNA_G
 ClientSampled :

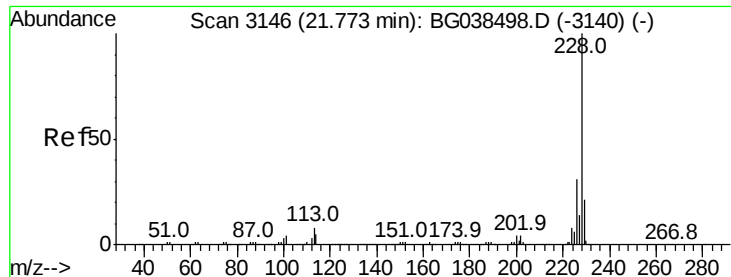
Tot Ion:149 Resp: 62
 Ion Ratio Lower Upper
 149 100
 91 107.4 54.5 81.7#
 206 0.0 19.0 28.6#



#81
 Benzo(a)anthracene
 Concen: 0.420 ng
 RT: 21.69 min Scan# 3166
 Delta R.T. -0.01 min
 Lab File: BG039007.D
 Acq: 8 Jan 2019 23:47

Tgt Ion:228 Resp: 4461
 Ion Ratio Lower Upper
 228 100
 226 24.3 21.8 32.8
 229 20.5 15.8 23.6





#83

Chrysene

Concen: 0.385 ng

RT: 21.76 min Scan# 3177

Delta R.T. -0.02 min

Lab File: BG039007.D

Acq: 8 Jan 2019 23:47

Instrument :

BNA_G

ClientSampleId :

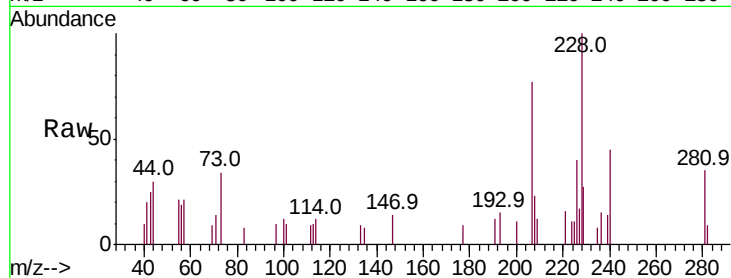
Tot Ion:228 Resp: 3938

Ion Ratio Lower Upper

228 100

226 40.3 25.0 37.4#

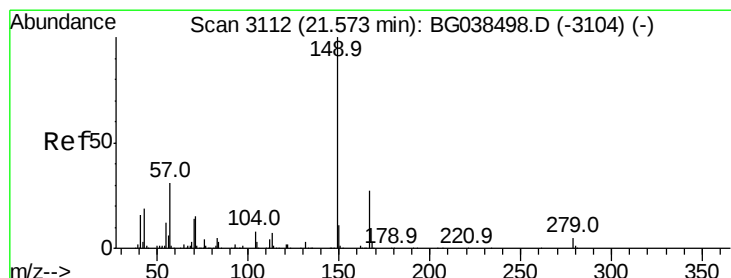
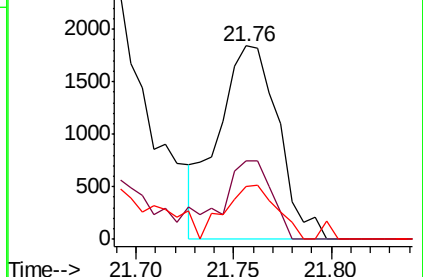
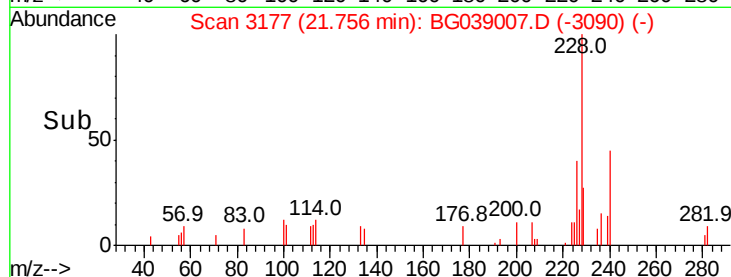
229 27.4 16.5 24.7#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.206 ng

RT: 21.56 min Scan# 3143

Delta R.T. -0.02 min

Lab File: BG039007.D

Acq: 8 Jan 2019 23:47

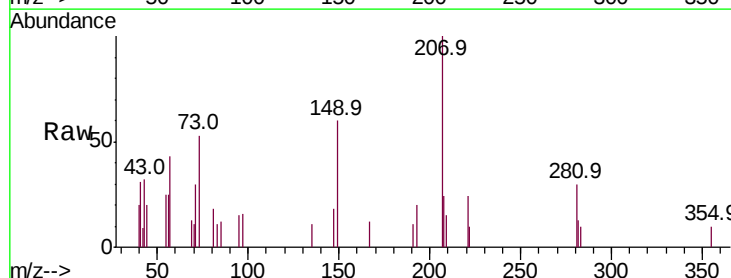
Tgt Ion:149 Resp: 1315

Ion Ratio Lower Upper

149 100

167 20.2 21.9 32.9#

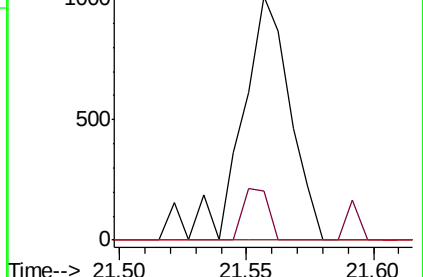
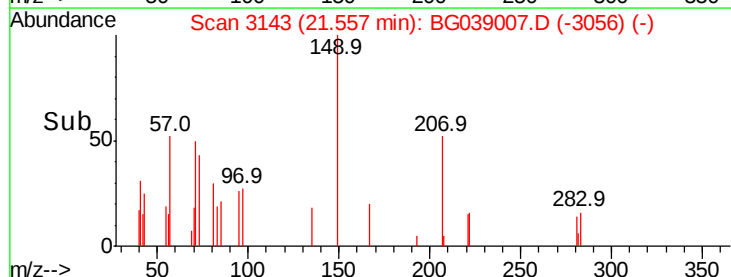
279 0.0 4.2 6.2#

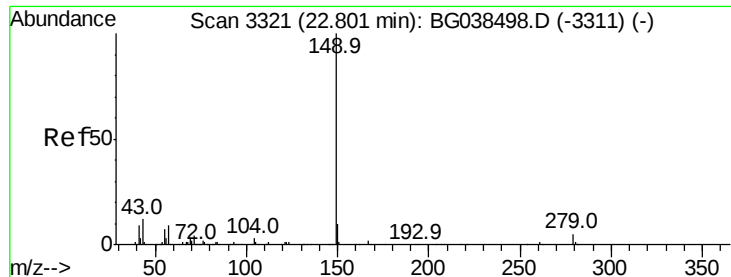


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 0.005 ng

RT: 22.79 min Scan# 3353

Delta R.T. -0.01 min

Lab File: BG039007.D

Acq: 8 Jan 2019 23:47

Instrument :

BNA_G

ClientSampled :

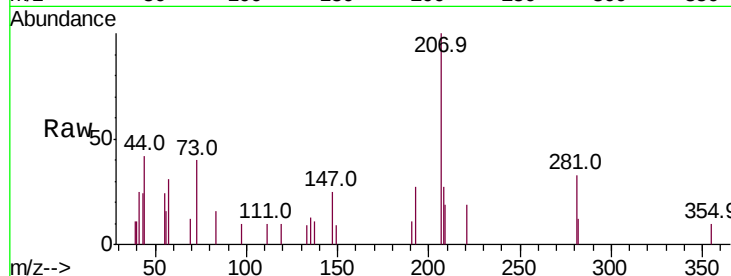
Tot Ion:149 Resp: 53

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

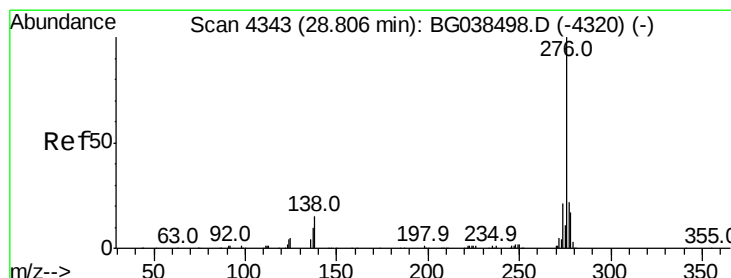
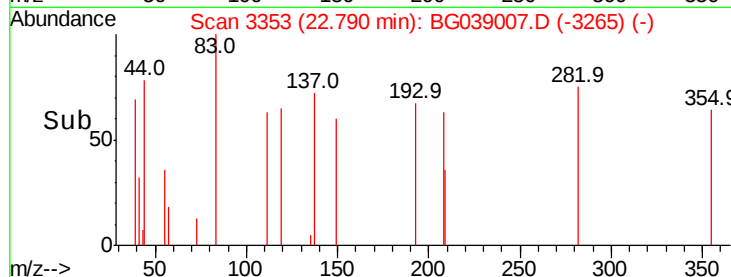
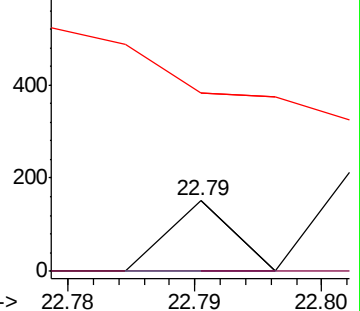
43 0.0 9.3 13.9#



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 0.217 ng

RT: 28.78 min Scan# 4373

Delta R.T. -0.02 min

Lab File: BG039007.D

Acq: 8 Jan 2019 23:47

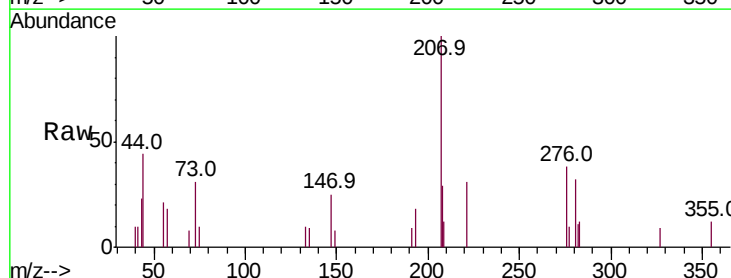
Tgt Ion:276 Resp: 2608

Ion Ratio Lower Upper

276 100

138 0.0 14.4 21.6#

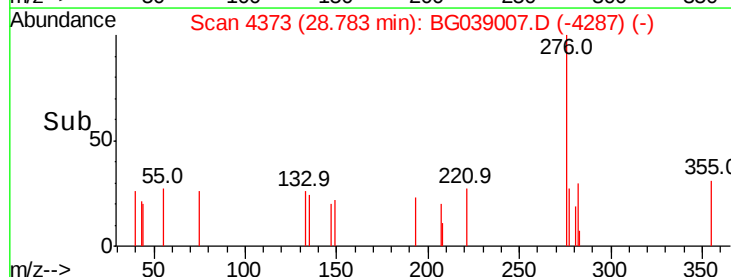
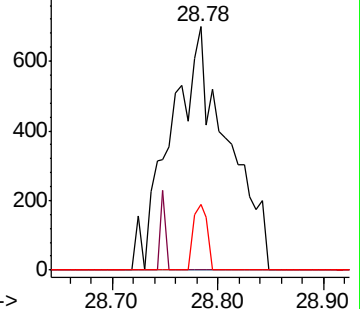
277 6.8 0.0 0.0#

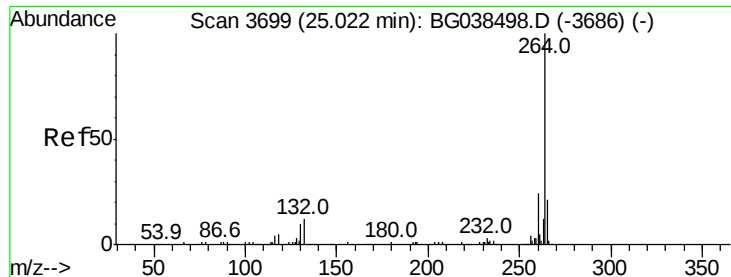


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



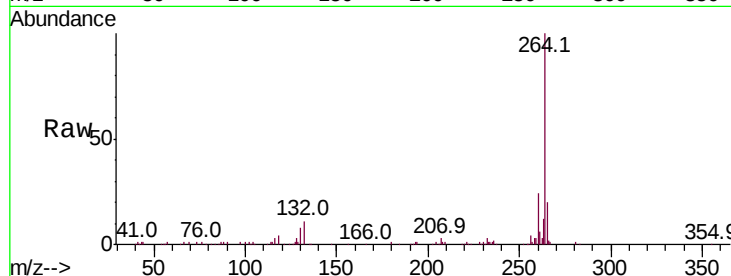


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.00 min Scan# 3729
Delta R.T. -0.02 min
Lab File: BG039007.D
Acq: 8 Jan 2019 23:47

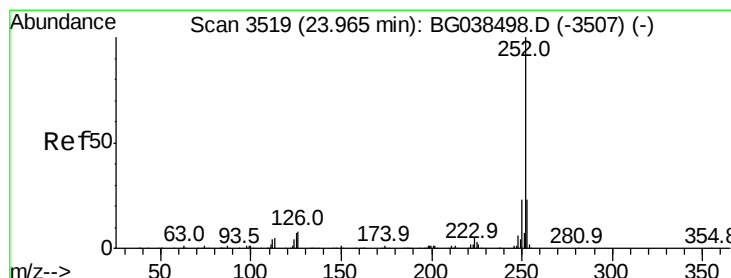
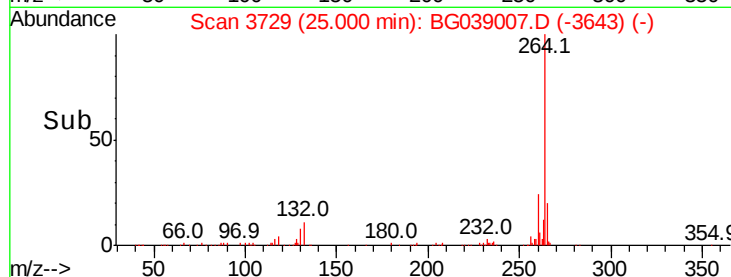
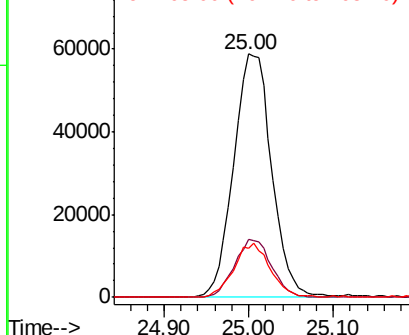
Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 183779

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.9	28.3
265	20.4	17.0	25.4



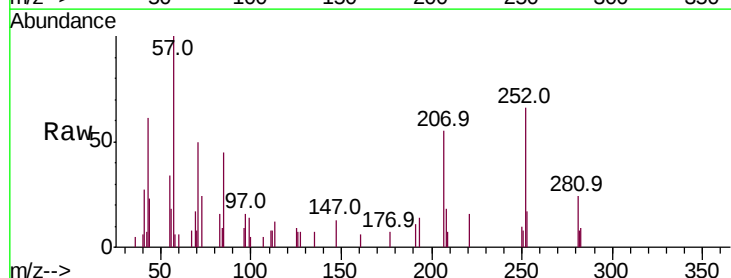
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



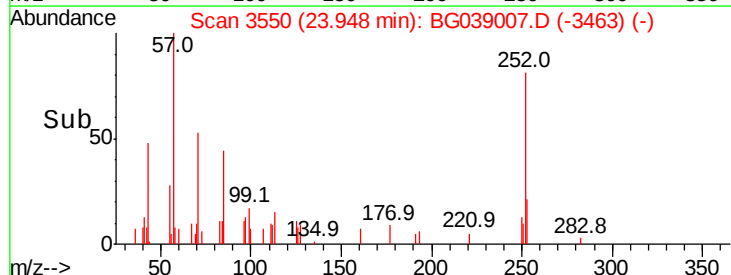
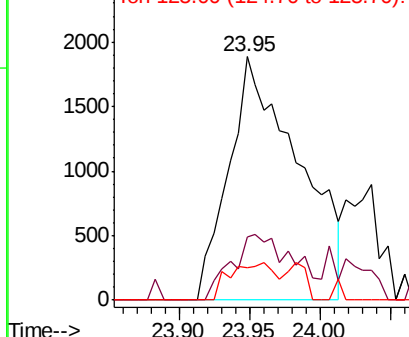
#88
Benzo(b)fluoranthene
Concen: 0.644 ng
RT: 23.95 min Scan# 3550
Delta R.T. -0.02 min
Lab File: BG039007.D
Acq: 8 Jan 2019 23:47

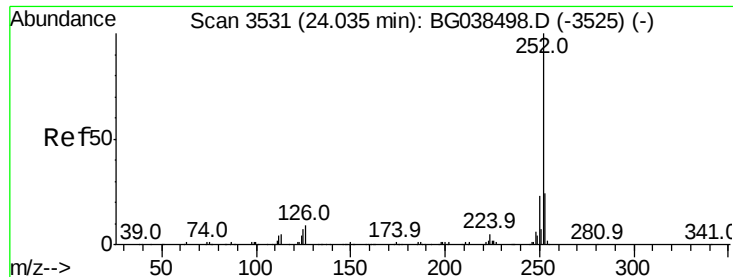
Tgt Ion:252 Resp: 6494

Ion	Ratio	Lower	Upper
252	100		
253	26.1	18.1	27.1
125	13.2	5.5	8.3#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

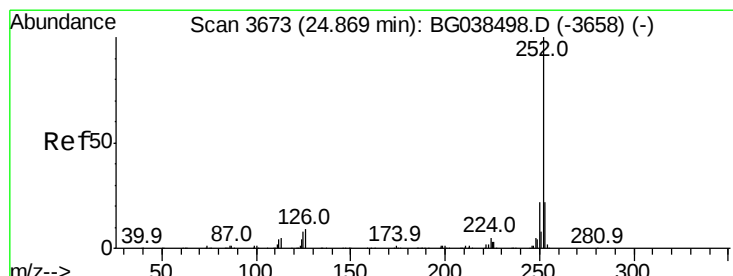
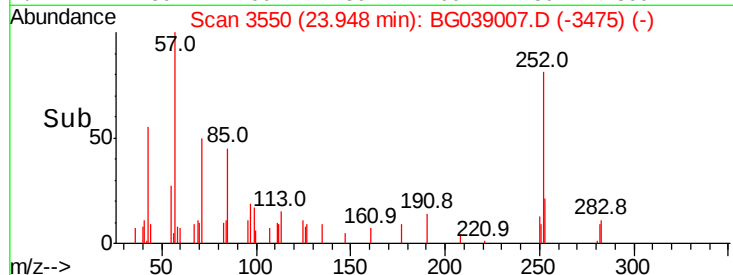
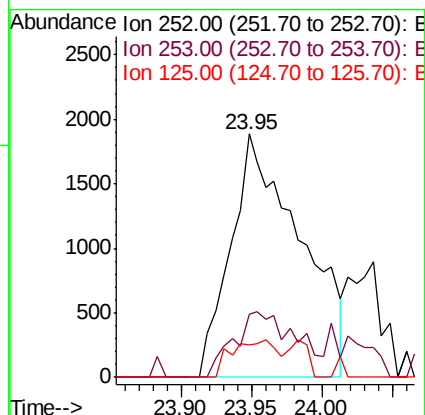
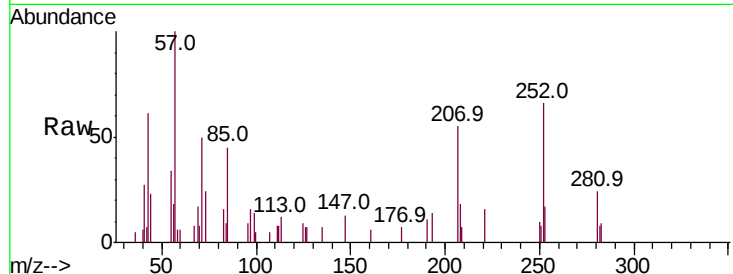




#89
Benzo(k)fluoranthene
Concen: 0.646 ng
RT: 23.95 min Scan# 3550
Delta R.T. -0.09 min
Lab File: BG039007.D
Acq: 8 Jan 2019 23:47

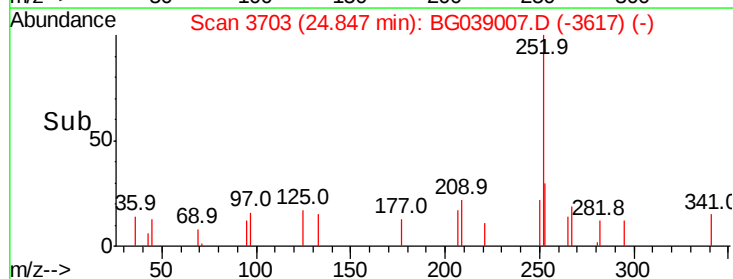
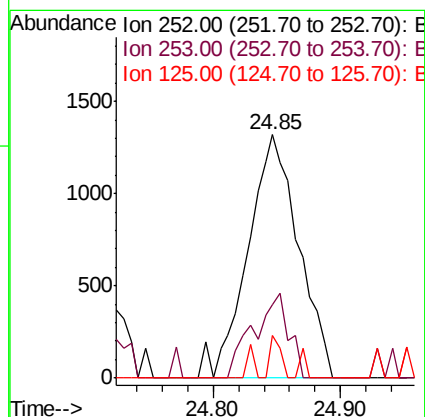
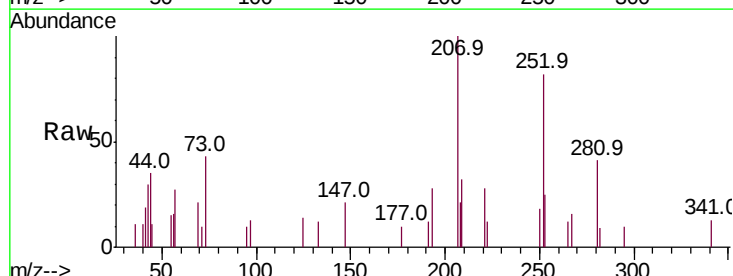
Instrument :
BNA_G
ClientSampled :

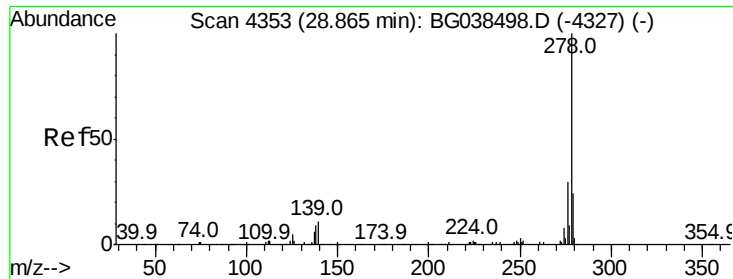
Tot Ion:252 Resp: 6494
Ion Ratio Lower Upper
252 100
253 26.1 18.9 28.3
125 13.2 5.4 8.2#



#90
Benzo(a)pyrene
Concen: 0.377 ng
RT: 24.85 min Scan# 3703
Delta R.T. -0.02 min
Lab File: BG039007.D
Acq: 8 Jan 2019 23:47

Tgt Ion:252 Resp: 3668
Ion Ratio Lower Upper
252 100
253 30.2 17.4 26.0#
125 17.4 6.4 9.6#





#91

Dibenzo(a,h)anthracene

Concen: 0.017 ng

RT: 28.86 min Scan# 4386

Delta R.T. -0.00 min

Lab File: BG039007.D

Acq: 8 Jan 2019 23:47

Instrument :

BNA_G

ClientSampleId :

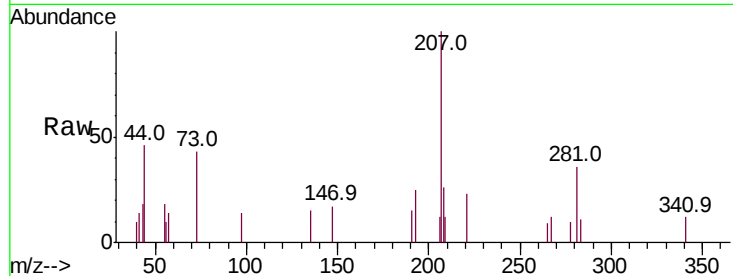
Tot Ion:278 Resp: 169

Ion Ratio Lower Upper

278 100

139 0.0 8.6 12.8#

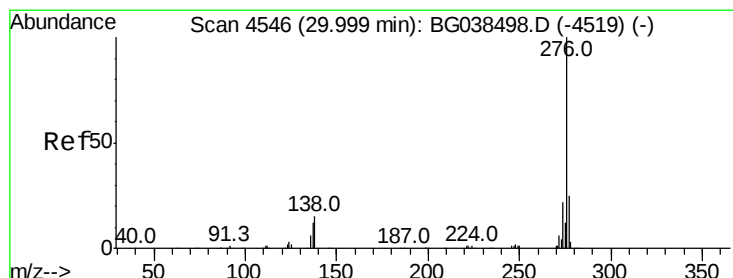
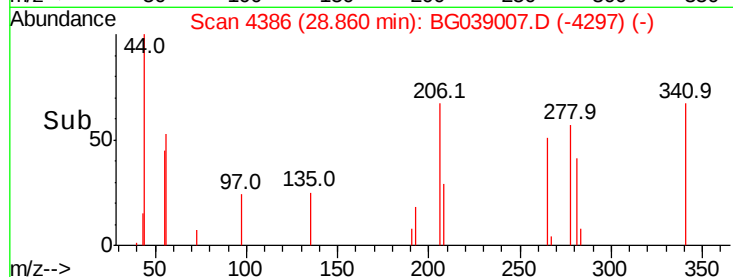
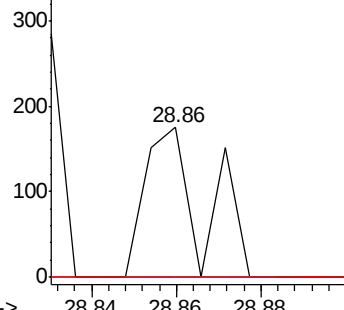
279 0.0 19.0 28.6#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 0.198 ng

RT: 29.98 min Scan# 4576

Delta R.T. -0.02 min

Lab File: BG039007.D

Acq: 8 Jan 2019 23:47

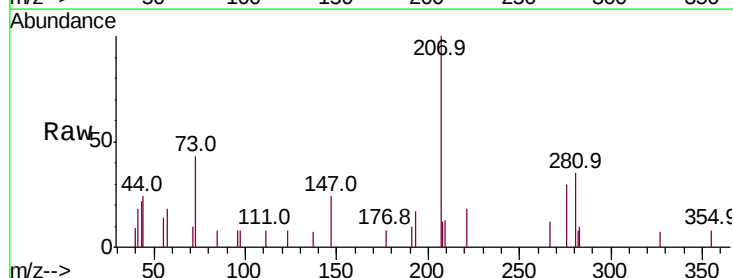
Tgt Ion:276 Resp: 1895

Ion Ratio Lower Upper

276 100

277 0.0 19.8 29.8#

138 0.0 11.8 17.6#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

