

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081919\
 Data File : BG042334.D
 Acq On : 19 Aug 2019 19:52
 Operator : HP/JU
 Sample : K4271-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 20 04:23:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG081919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 13:40:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	83569	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	286773	20.00	ng	0.01
39) Acenaphthene-d10	14.69	164	203839	20.00	ng	0.02
64) Phenanthrene-d10	17.42	188	397102	20.00	ng	0.00
76) Chrysene-d12	21.71	240	417755	20.00	ng	0.02
87) Perylene-d12	24.96	264	471454	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	178180	43.20	ng	0.00
7) Phenol-d6	7.18	99	136363	24.34	ng	0.01
23) Nitrobenzene-d5	9.17	82	399704	98.03	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	266246	95.90	ng	0.02
45) 2-Fluorobiphenyl	13.29	172	1144796	95.03	ng	0.00
79) Terphenyl-d14	20.04	244	1112889	58.35	ng	0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.44	88	17921	10.075	ng	# 83
3) Pyridine	3.88	79	128546	28.213	ng	# 1
4) n-Nitrosodimethylamine	4.06	42	10444	6.658	ng	# 1
6) Aniline	7.34	93	158	0.021	ng	# 45
8) 2-Chlorophenol	7.47	128	258	0.051	ng	# 38
9) Benzaldehyde	7.14	77	1048	0.333	ng	# 88
10) Phenol	7.20	94	13434	2.359	ng	# 98
11) bis(2-Chloroethyl)ether	7.44	93	54	0.012	ng	# 22
12) 1,3-Dichlorobenzene	8.33	146	58	0.009	ng	# 1
13) 1,4-Dichlorobenzene	8.33	146	58	0.009	ng	# 1
14) 1,2-Dichlorobenzene	8.33	146	58	0.009	ng	# 1
15) Benzyl Alcohol	8.29	79	842	0.219	ng	# 64
16) 2,2'-oxybis(1-Chloropropan	8.75	45	5303	0.855	ng	# 72
17) 2-Methylphenol	8.33	107	54	0.013	ng	# 1
19) n-Nitroso-di-n-propylamine	8.78	70	33491	9.295	ng	# 38
20) 3+4-Methylphenols	8.79	107	1160	0.199	ng	# 61
22) Acetophenone	8.84	105	737	0.121	ng	# 1
24) Nitrobenzene	9.17	77	1376	0.331	ng	# 1
25) Isophorone	9.78	82	889	0.109	ng	# 36
26) 2-Nitrophenol	9.99	139	56	0.022	ng	# 1
27) 2,4-Dimethylphenol	10.00	122	597	0.167	ng	# 45
28) bis(2-Chloroethoxy)methane	10.17	93	230	0.044	ng	# 1
31) Naphthalene	10.88	128	650	0.049	ng	# 69
32) Benzoic acid	10.16	122	199	7.844	ng	# 1
33) 4-Chloroaniline	11.11	127	295	0.049	ng	# 47
35) Caprolactam	11.72	113	23358	15.383	ng	# 59
36) 4-Chloro-3-methylphenol	12.02	107	53	0.012	ng	# 15
38) 1-Methylnaphthalene	13.05	142	118	0.012	ng	# 1
46) 1,1'-Biphenyl	13.51	154	4074	0.306	ng	# 96
47) 2-Chloronaphthalene	13.48	162	54	0.005	ng	# 40
48) 2-Nitroaniline	13.74	65	67	0.025	ng	# 1
49) Acenaphthylene	14.66	152	3520	0.207	ng	# 30
50) Dimethylphthalate	14.13	163	13181	0.910	ng	# 96
51) 2,6-Dinitrotoluene	14.22	165	6476	1.910	ng	# 43

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081919\
 Data File : BG042334.D
 Acq On : 19 Aug 2019 19:52
 Operator : HP/JU
 Sample : K4271-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 20 04:23:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG081919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 13:40:37 2019
 Response via : Initial Calibration

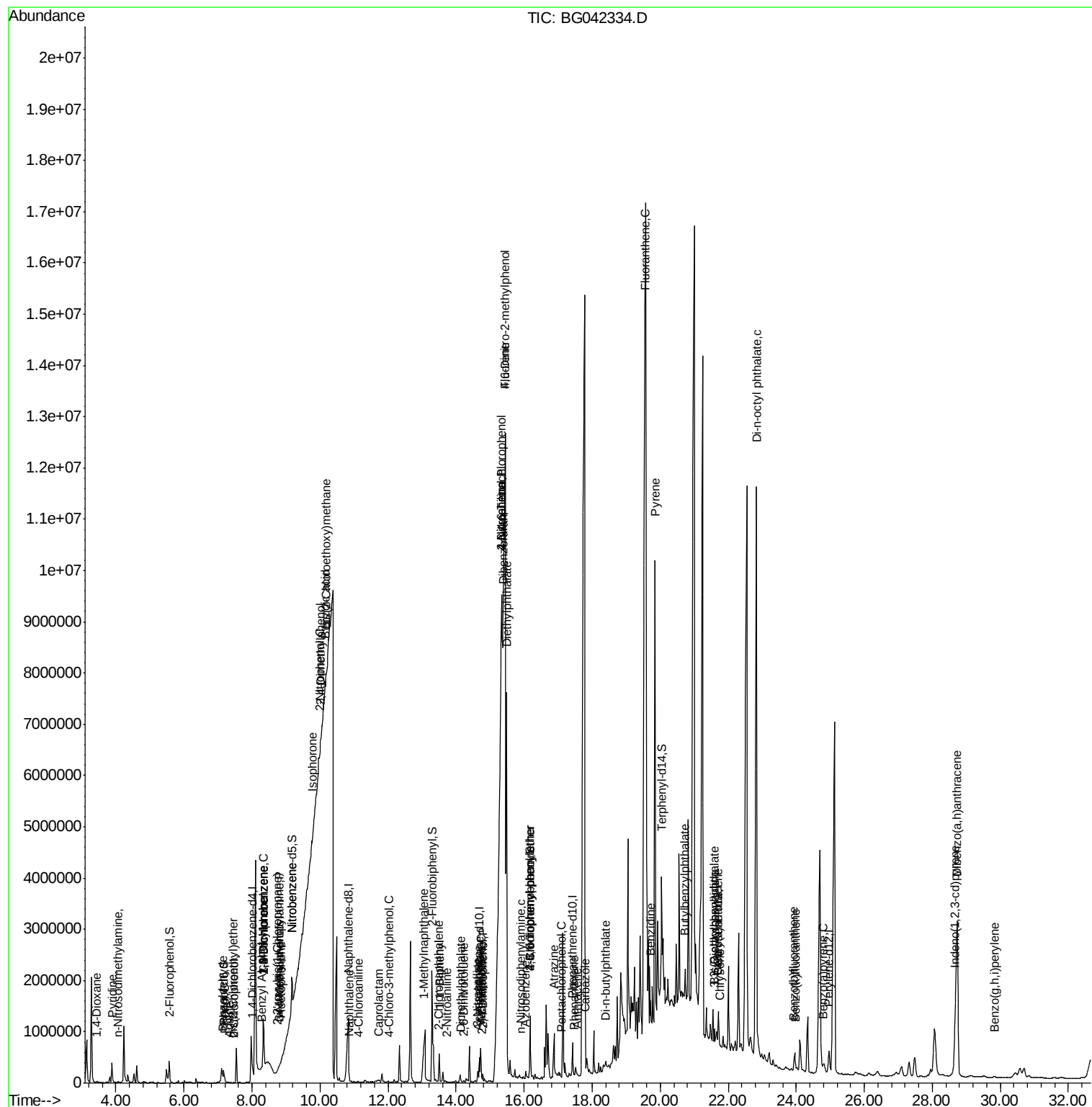
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.74	154	117	0.011	nq	# 61
53) 3-Nitroaniline	14.64	138	1304	0.391	nq	# 7
54) 2,4-Dinitrophenol	14.79	184	515	6.728	nq	# 32
55) Dibenzofuran	15.37	168	448	0.026	nq	# 1
56) 4-Nitrophenol	15.34	139	81256	33.791	nq	# 65
57) 2,4-Dinitrotoluene	14.76	165	1919	0.405	nq	# 87
58) Fluorene	15.44	166	480	0.035	nq	# 1
59) 2,3,4,6-Tetrachlorophenol	15.34	232	58	0.013	nq	# 1
60) Diethylphthalate	15.49	149	6324	0.451	nq	# 77
61) 4-Chlorophenyl-phenylether	16.17	204	609	0.074	nq	# 1
62) 4-Nitroaniline	15.33	138	36409	10.337	nq	# 29
63) Azobenzene	16.04	77	452	0.046	nq	# 37
65) 4,6-Dinitro-2-methylphenol	15.44	198	129	0.053	nq	# 1
66) n-Nitrosodiphenylamine	15.90	169	376	0.034	nq	# 1
67) 4-Bromophenyl-phenylether	16.18	248	18256	3.613	nq	# 1
69) Atrazine	16.87	200	3984	1.046	nq	# 45
70) Pentachlorophenol	17.10	266	509	0.177	nq	# 19
71) Phenanthrene	17.47	178	1019	0.052	nq	# 85
72) Anthracene	17.55	178	698	0.035	nq	# 59
73) Carbazole	17.81	167	119	0.007	nq	# 1
74) Di-n-butylphthalate	18.38	149	4333	0.212	nq	# 88
75) Fluoranthene	19.56	202	37407	1.568	nq	# 1
77) Benzidine	19.72	184	3937	0.355	nq	# 1
78) Pyrene	19.85	202	8732	0.340	nq	# 52
80) Butylbenzylphthalate	20.72	149	2808	0.276	nq	# 40
81) Benzo(a)anthracene	21.70	228	5977	0.233	nq	# 1
82) 3,3'-Dichlorobenzidine	21.58	252	91	0.009	nq	# 1
83) Chrysene	21.75	228	4346	0.177	nq	# 22
84) Bis(2-ethylhexyl)phthalate	21.60	149	15366	1.082	nq	# 98
85) Di-n-octyl phthalate	22.83	149	5605	0.231	nq	# 1
86) Indeno(1,2,3-cd)pyrene	28.66	276	566	0.017	nq	# 17
88) Benzo(b)fluoranthene	23.92	252	1992	0.077	nq	# 7
89) Benzo(k)fluoranthene	23.99	252	2692	0.106	nq	# 1
90) Benzo(a)pyrene	24.79	252	1917	0.077	nq	# 1
91) Dibenzo(a,h)anthracene	28.73	278	2224	0.090	nq	# 1
92) Benzo(a,h,i)perylene	29.83	276	1579	0.064	nq	# 75

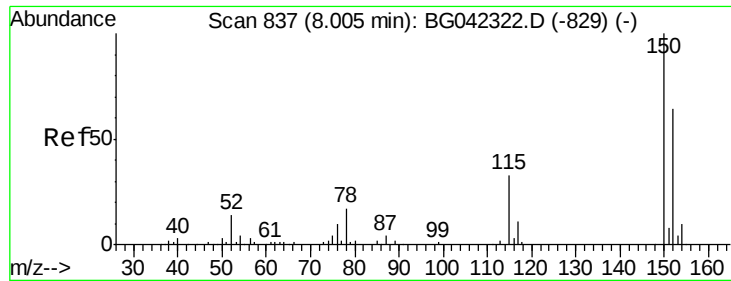
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081919\
Data File : BG042334.D
Acq On : 19 Aug 2019 19:52
Operator : HP/JU
Sample : K4271-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :

Quant Time: Aug 20 04:23:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG081919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 13:40:37 2019
Response via : Initial Calibration



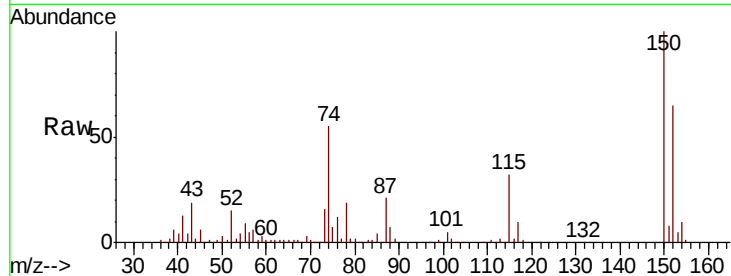


#1

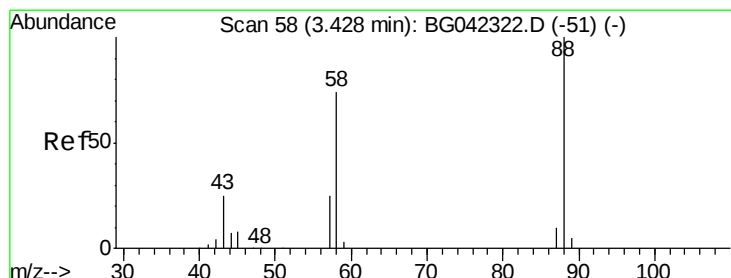
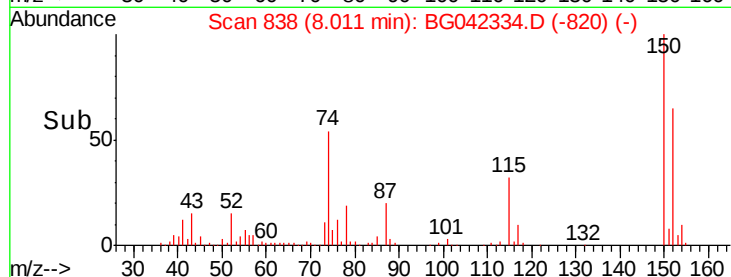
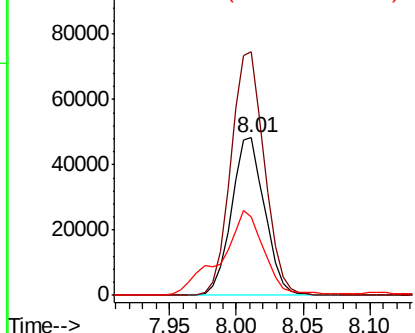
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. 0.01 min
Lab File: BG042334.D
Acq: 19 Aug 2019 19:52

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 83569
Ion Ratio Lower Upper
152 100
150 154.7 124.3 186.5
115 49.8 40.5 60.7



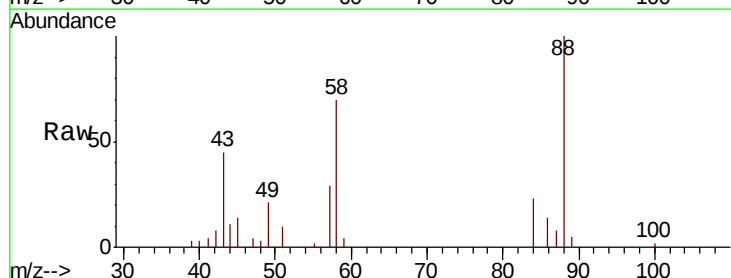
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



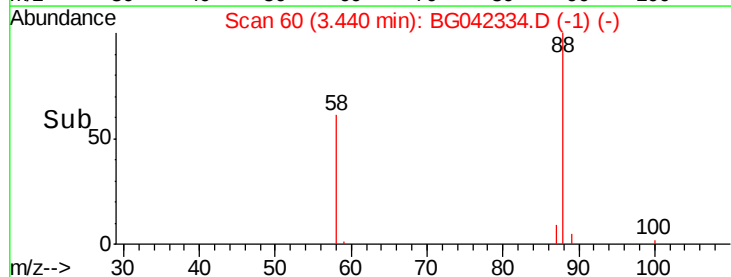
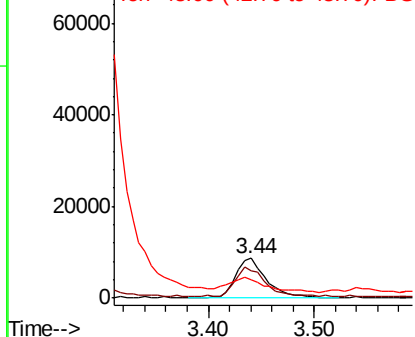
#2

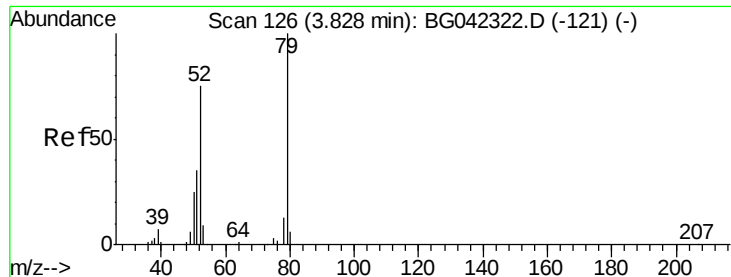
1,4-Dioxane
Concen: 10.075 ng
RT: 3.44 min Scan# 60
Delta R.T. 0.01 min
Lab File: BG042334.D
Acq: 19 Aug 2019 19:52

Tgt Ion: 88 Resp: 17921
Ion Ratio Lower Upper
88 100
58 68.3 58.6 88.0
43 0.0 19.4 29.0#



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: 28.213 ng

RT: 3.88 min Scan# 135

Delta R.T. 0.05 min

Lab File: BG042334.D

Acq: 19 Aug 2019 19:52

Instrument :

BNA_G

ClientSampled :

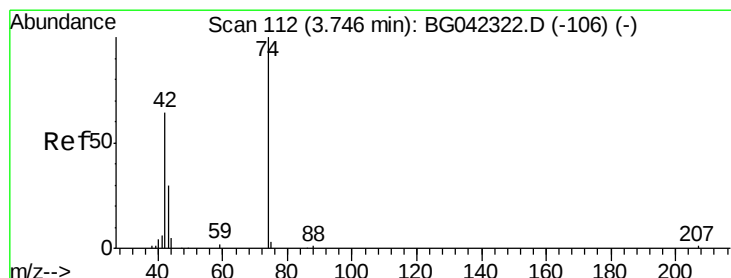
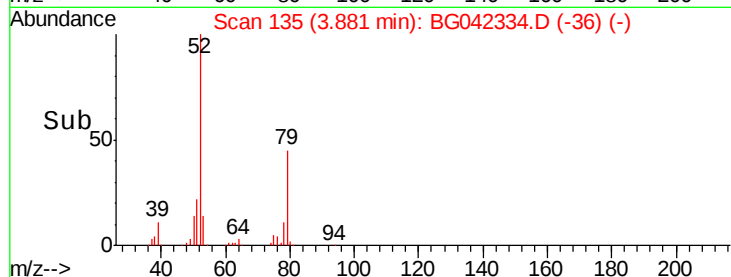
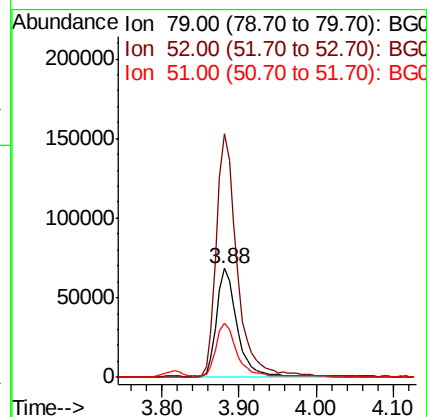
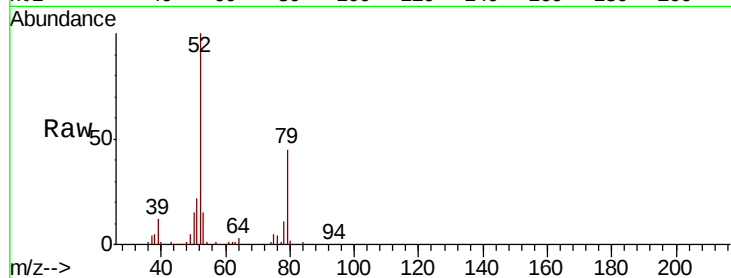
Tot Ion: 79 Resp: 128546

Ion Ratio Lower Upper

79 100

52 223.2 60.0 90.0#

51 49.8 28.6 42.8#



#4

n-Nitrosodimethylamine

Concen: 6.658 ng

RT: 4.06 min Scan# 165

Delta R.T. 0.31 min

Lab File: BG042334.D

Acq: 19 Aug 2019 19:52

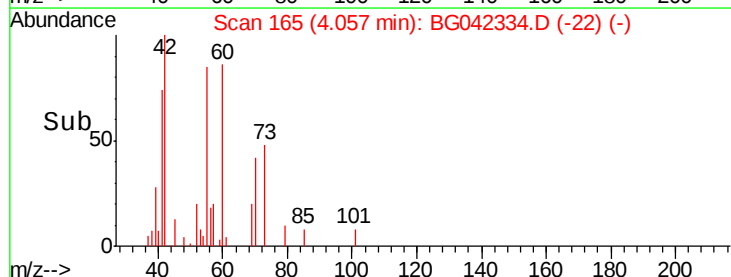
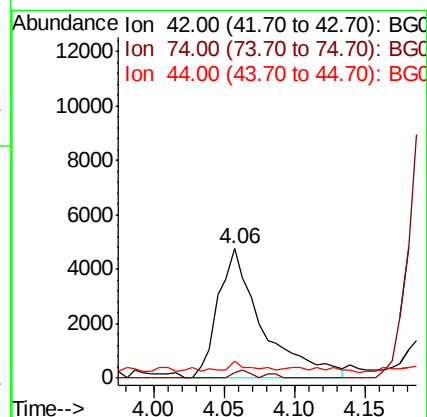
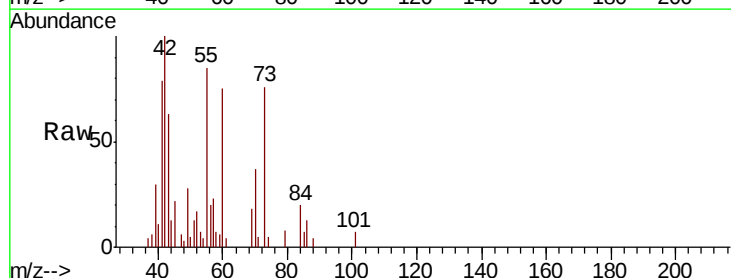
Tgt Ion: 42 Resp: 10444

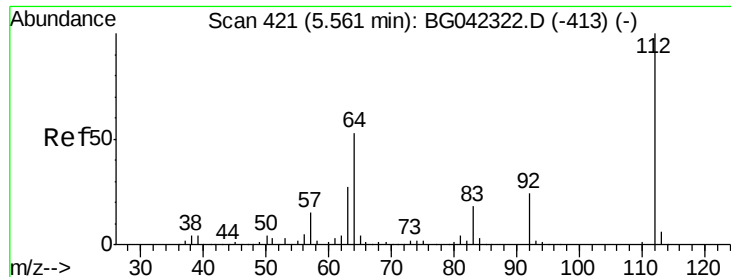
Ion Ratio Lower Upper

42 100

74 4.7 124.2 186.2#

44 12.9 6.5 9.7#





#5

2-Fluorophenol

Concen: 43.199 ng

RT: 5.57 min Scan# 422

Delta R.T. 0.01 min

Lab File: BG042334.D

Acq: 19 Aug 2019 19:52

Instrument :

BNA_G

ClientSampleId :

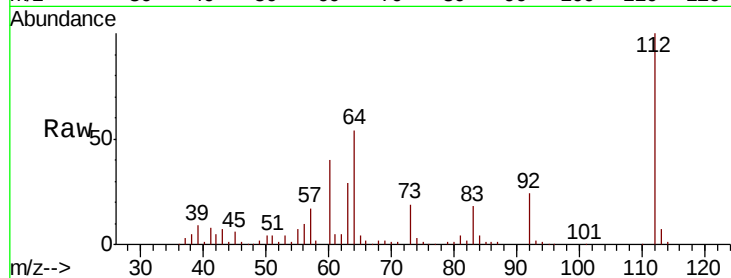
Tot Ion:112 Resp: 178180

Ion Ratio Lower Upper

112 100

64 54.0 42.5 63.7

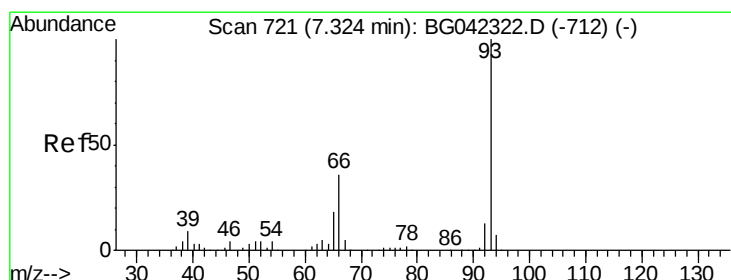
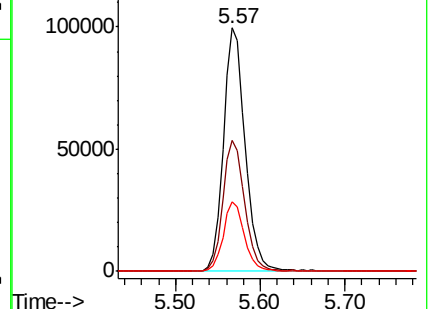
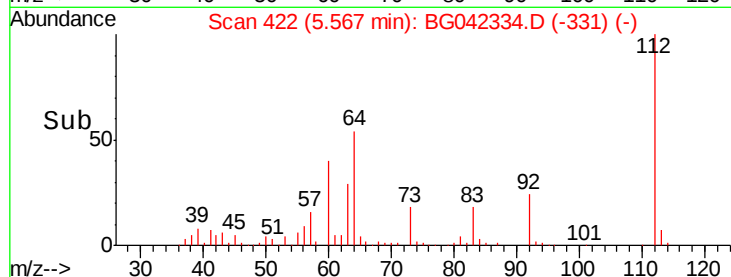
63 28.7 21.7 32.5



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: 0.021 ng

RT: 7.34 min Scan# 724

Delta R.T. 0.02 min

Lab File: BG042334.D

Acq: 19 Aug 2019 19:52

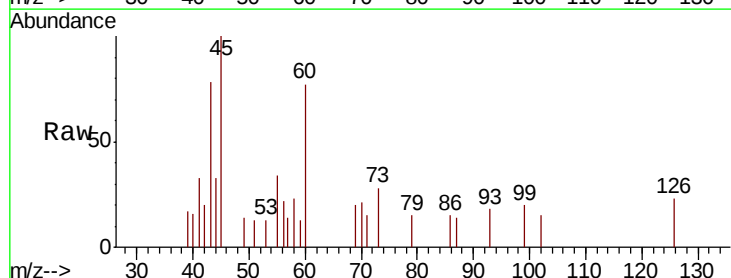
Tgt Ion: 93 Resp: 158

Ion Ratio Lower Upper

93 100

66 0.0 29.1 43.7#

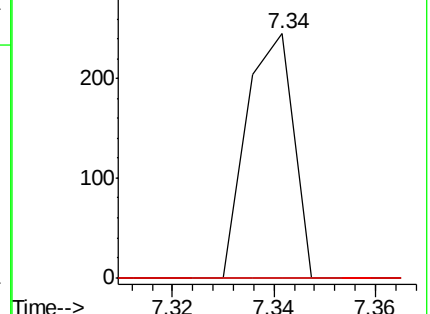
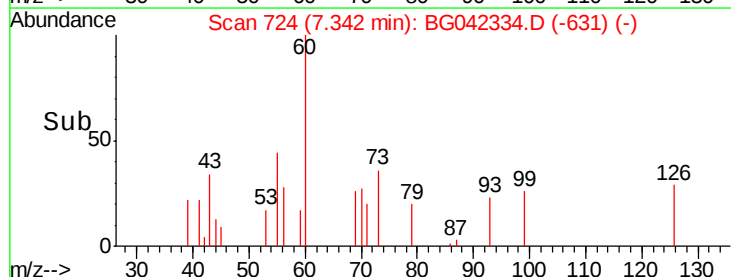
65 0.0 14.7 22.1#

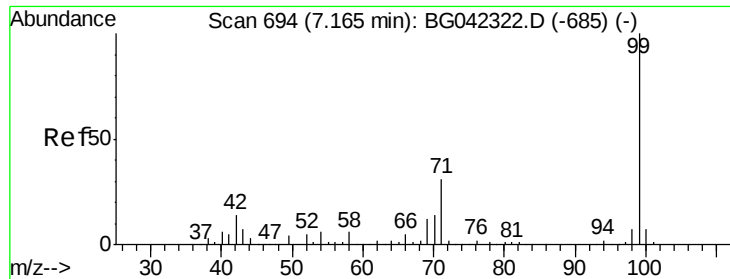


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 24.343 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.01 min

Lab File: BG042334.D

Acq: 19 Aug 2019 19:52

Instrument :

BNA_G

ClientSampleId :

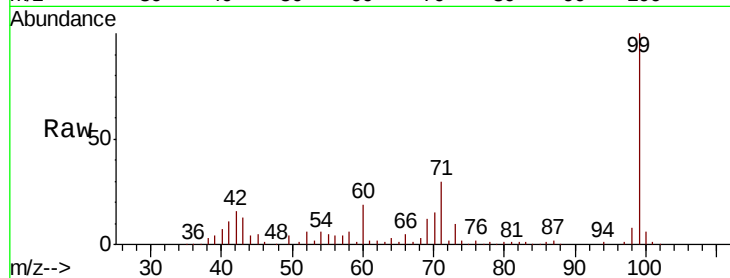
Tot Ion: 99 Resp: 136363

Ion Ratio Lower Upper

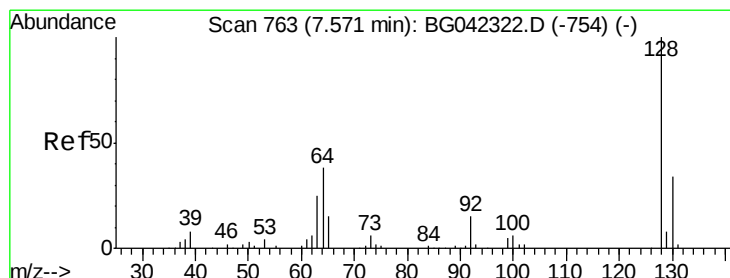
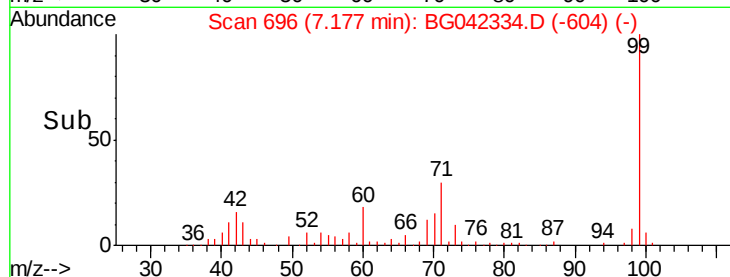
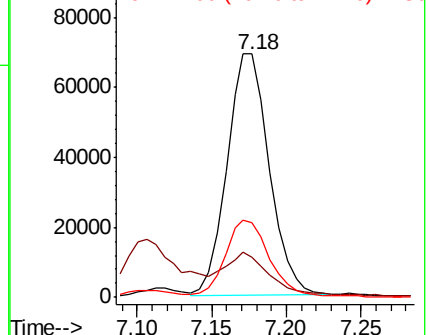
99 100

42 16.3 11.4 17.0

71 30.5 25.1 37.7



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



#8

2-Chlorophenol

Concen: 0.051 ng

RT: 7.47 min Scan# 745

Delta R.T. -0.11 min

Lab File: BG042334.D

Acq: 19 Aug 2019 19:52

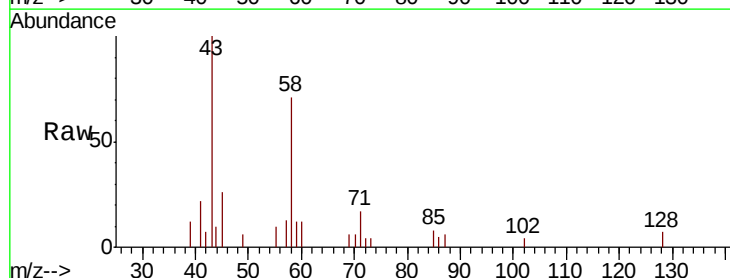
Tgt Ion: 128 Resp: 258

Ion Ratio Lower Upper

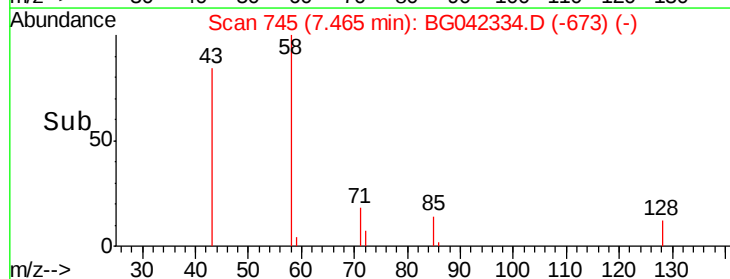
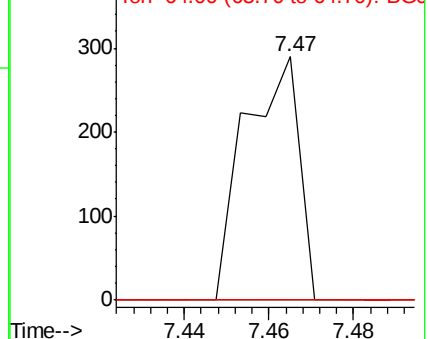
128 100

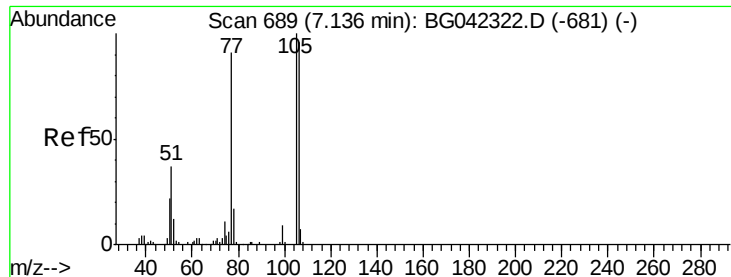
130 0.0 13.5 53.5#

64 0.0 19.8 59.8#



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

Benzaldehyde

Concen: 0.333 ng

RT: 7.14 min Scan# 690

Delta R.T. 0.01 min

Lab File: BG042334.D

Acq: 19 Aug 2019 19:52

Instrument :

BNA_G

ClientSampleId :

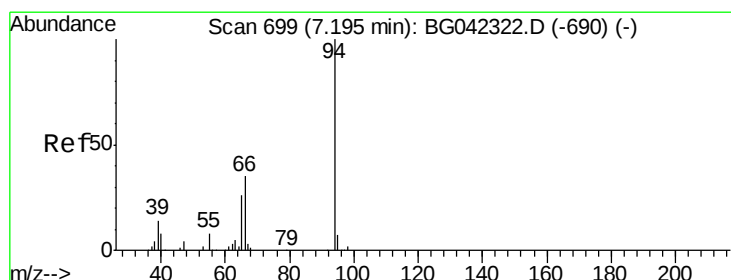
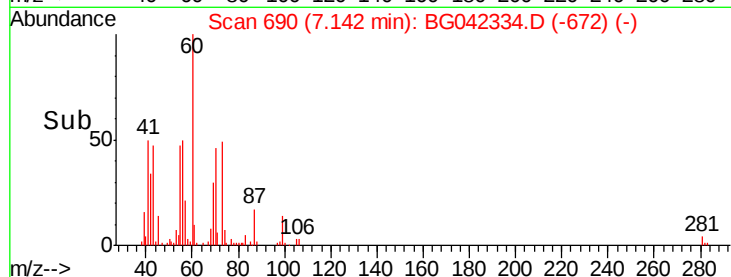
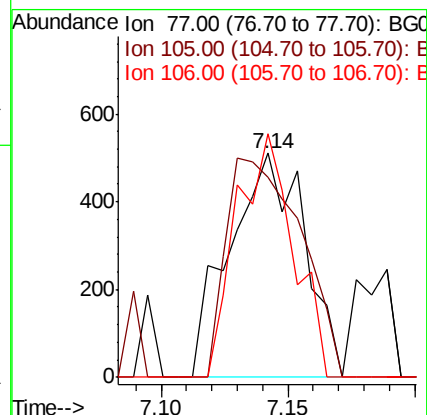
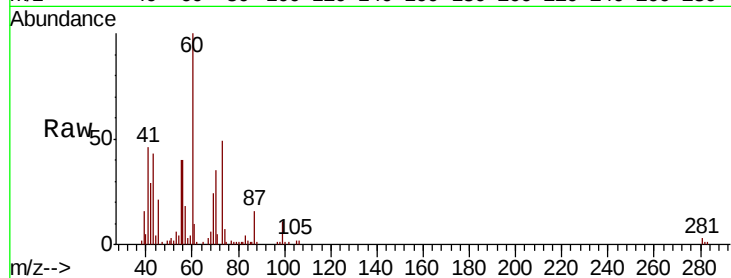
Tot Ion: 77 Resp: 1048

Ion Ratio Lower Upper

77 100

105 89.2 89.8 129.8#

106 108.6 85.1 125.1



#10

Phenol

Concen: 2.359 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.01 min

Lab File: BG042334.D

Acq: 19 Aug 2019 19:52

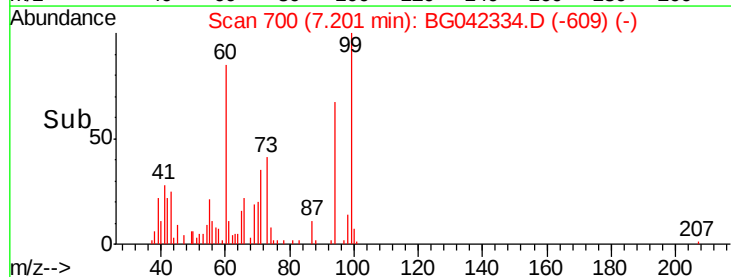
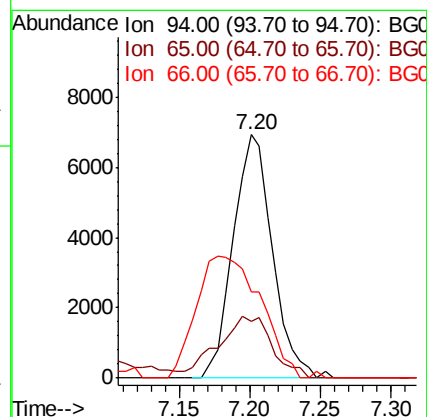
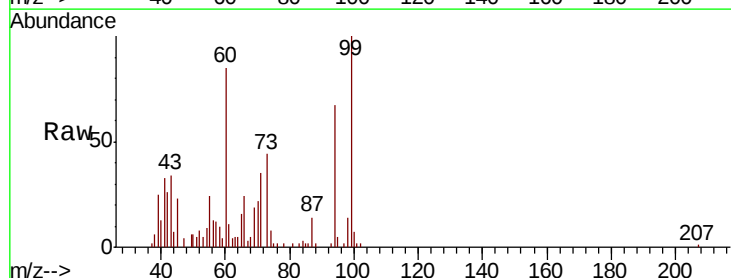
Tgt Ion: 94 Resp: 13434

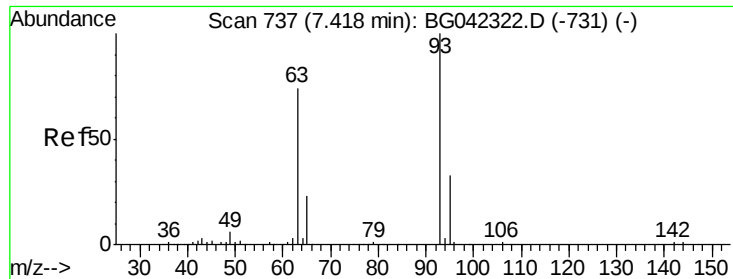
Ion Ratio Lower Upper

94 100

65 23.5 6.1 46.1

66 35.6 15.7 55.7

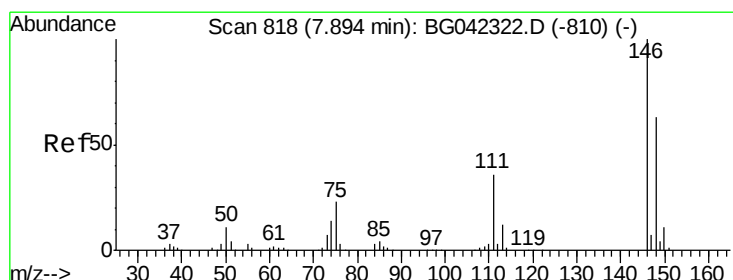
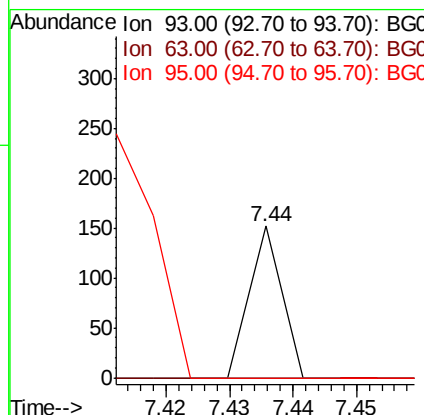
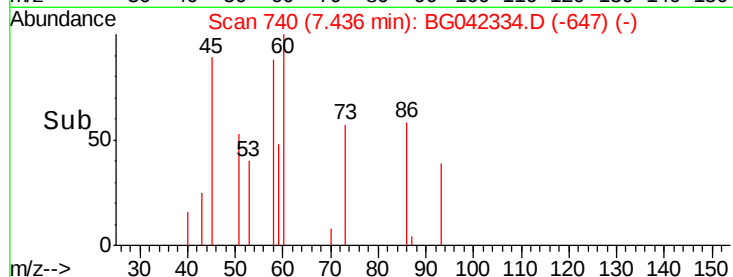
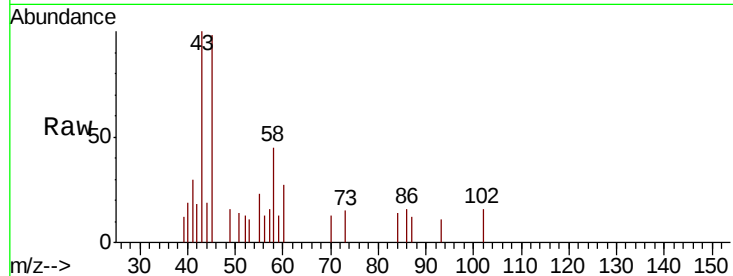




#11
bis(2-Chloroethyl)ether
Concen: 0.012 ng
RT: 7.44 min Scan# 740
Delta R.T. 0.02 min
Lab File: BG042334.D
Acq: 19 Aug 2019 19:52

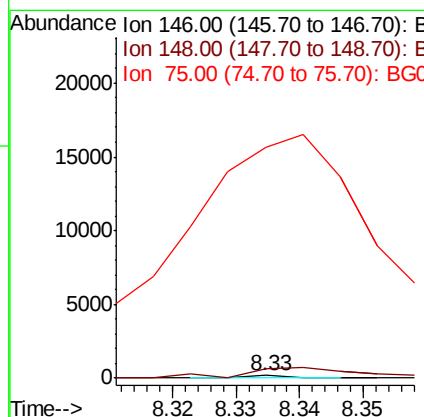
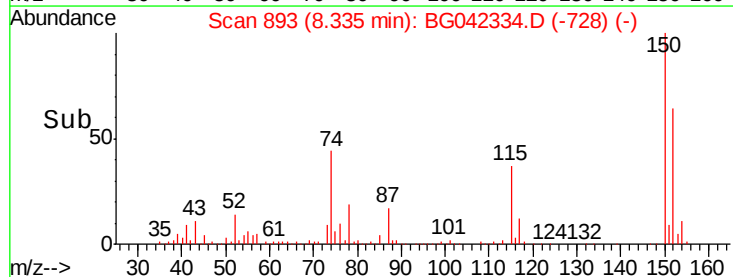
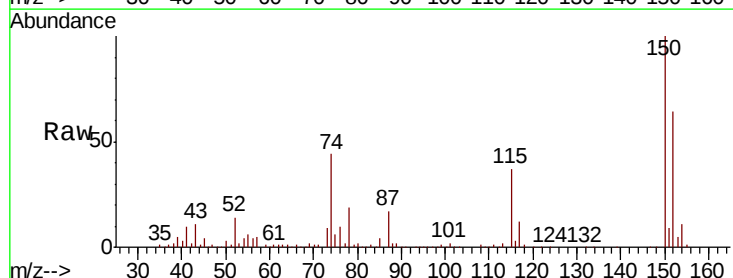
Instrument :
BNA_G
ClientSampled :

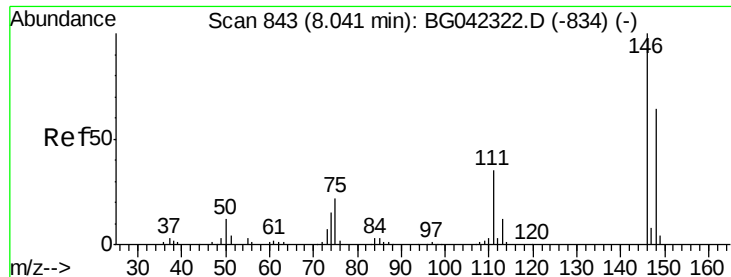
Tot Ion: 93 Resp: 54
Ion Ratio Lower Upper
93 100
63 0.0 53.0 93.0#
95 0.0 13.0 53.0#



#12
1,3-Dichlorobenzene
Concen: 0.009 ng
RT: 8.33 min Scan# 893
Delta R.T. 0.44 min
Lab File: BG042334.D
Acq: 19 Aug 2019 19:52

Tgt Ion: 146 Resp: 58
Ion Ratio Lower Upper
146 100
148 382.9 50.2 75.2#
75 9531.7 18.2 27.4#





#13

1,4-Dichlorobenzene

Concen: 0.009 ng

RT: 8.33 min Scan# 893

Delta R.T. 0.29 min

Lab File: BG042334.D

Acq: 19 Aug 2019 19:52

Instrument :

BNA_G

ClientSampleId :

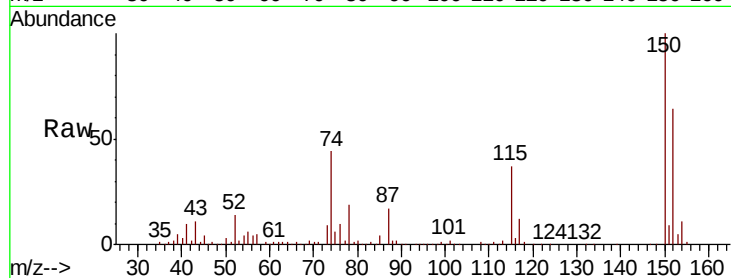
Tot Ion:146 Resp: 58

Ion Ratio Lower Upper

146 100

148 382.9 50.9 76.3#

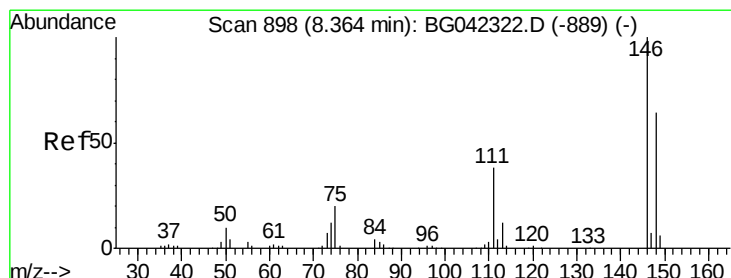
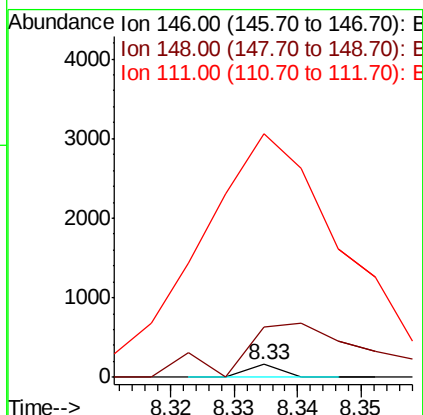
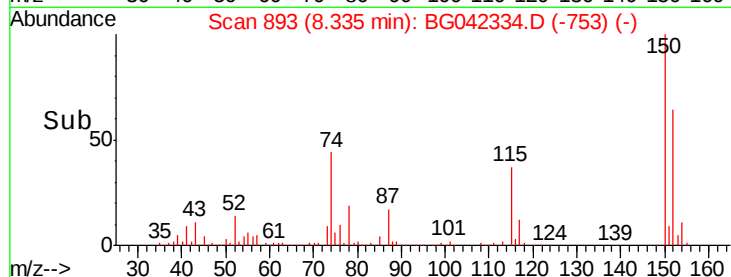
111 1865.2 28.3 42.5#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 0.009 ng

RT: 8.33 min Scan# 893

Delta R.T. -0.03 min

Lab File: BG042334.D

Acq: 19 Aug 2019 19:52

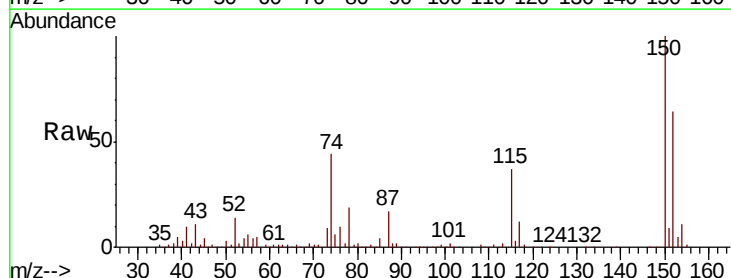
Tgt Ion:146 Resp: 58

Ion Ratio Lower Upper

146 100

148 382.9 51.0 76.4#

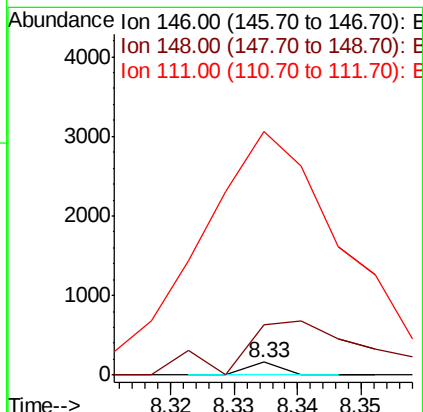
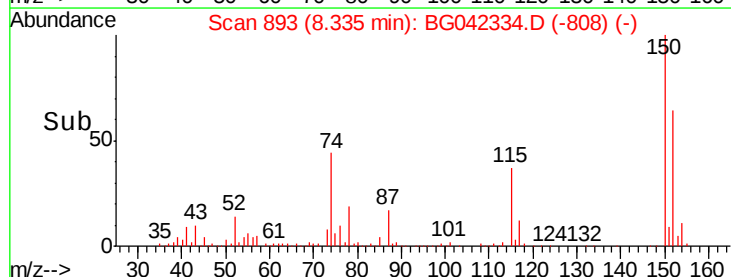
111 1865.2 30.6 46.0#

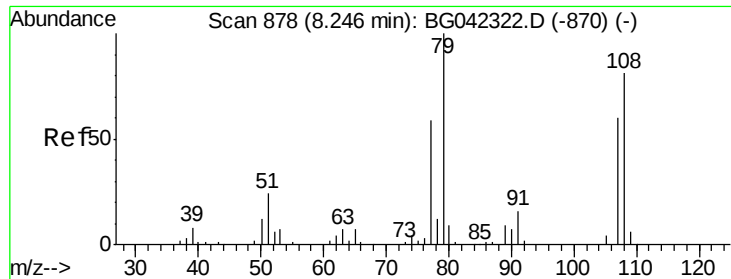


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 0.219 ng

RT: 8.29 min Scan# 885

Delta R.T. 0.04 min

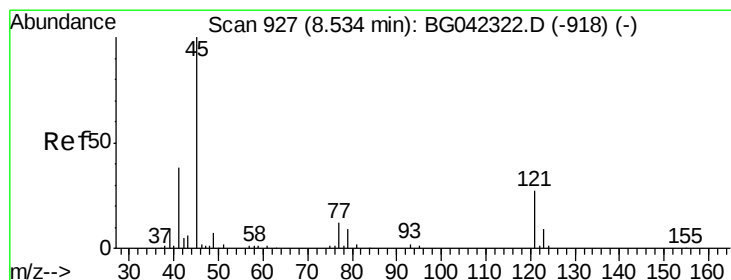
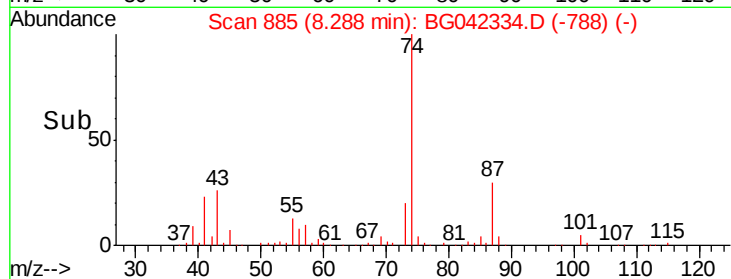
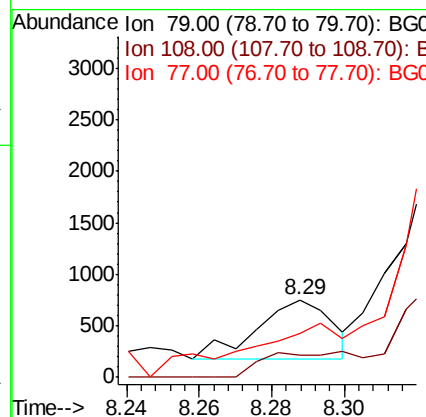
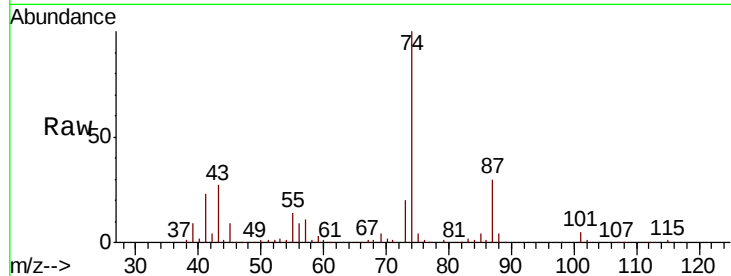
Lab File: BG042334.D

Acq: 19 Aug 2019 19:52

Instrument :
BNA_G
ClientSampled :

Tot Ion: 79 Resp: 842

Ion	Ratio	Lower	Upper
79	100		
108	28.1	64.8	97.2#
77	56.7	47.6	71.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.855 ng

RT: 8.75 min Scan# 964

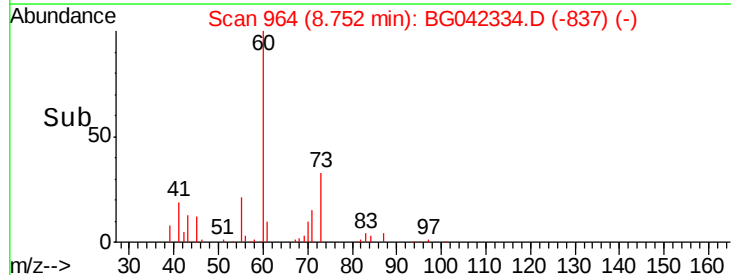
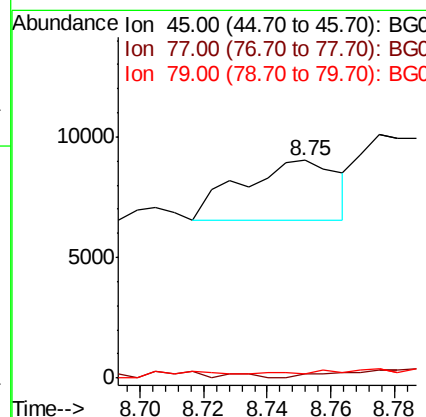
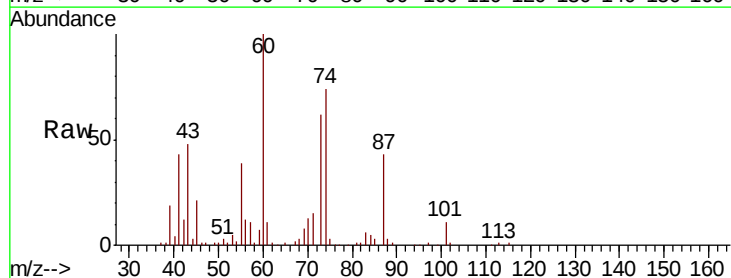
Delta R.T. 0.22 min

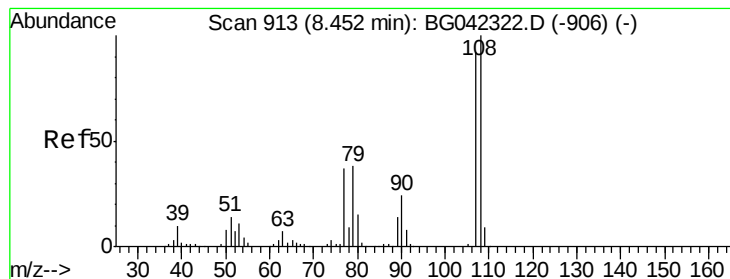
Lab File: BG042334.D

Acq: 19 Aug 2019 19:52

Tgt Ion: 45 Resp: 5303

Ion	Ratio	Lower	Upper
45	100		
77	2.2	0.0	34.6
79	1.7	0.0	31.4





#17

2-Methylphenol

Concen: 0.013 ng

RT: 8.33 min Scan# 892

Delta R.T. -0.12 min

Lab File: BG042334.D

Acq: 19 Aug 2019 19:52

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 54

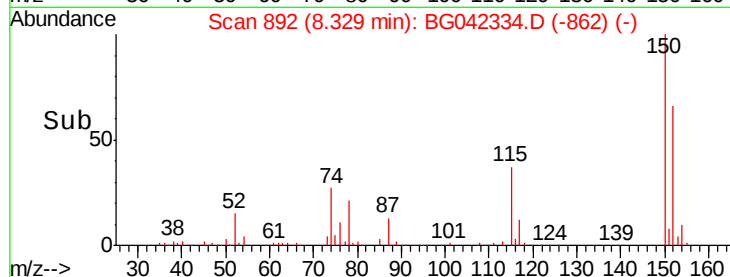
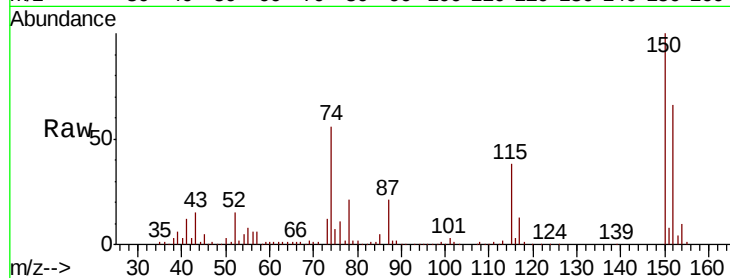
Ion Ratio Lower Upper

107 100

108 789.6 87.0 130.6#

77 2334.4 32.3 48.5#

79 2099.4 33.5 50.3#

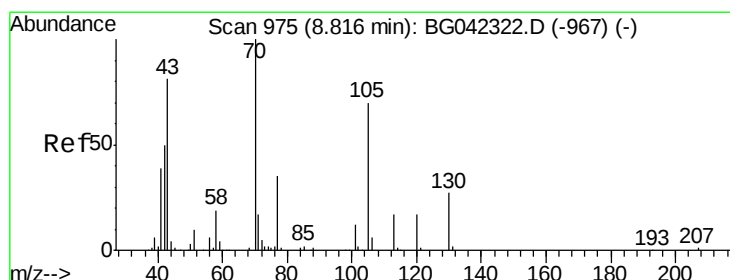
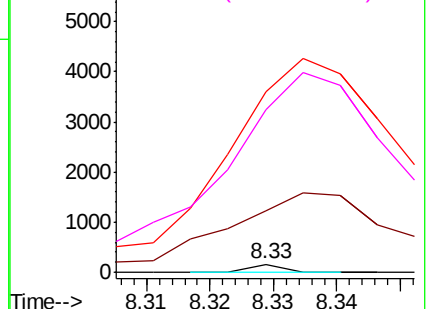


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#19

n-Nitroso-di-n-propylamine

Concen: 9.295 ng

RT: 8.78 min Scan# 969

Delta R.T. -0.04 min

Lab File: BG042334.D

Acq: 19 Aug 2019 19:52

Tgt Ion: 70 Resp: 33491

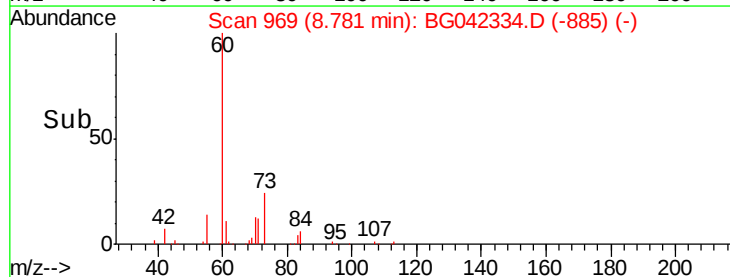
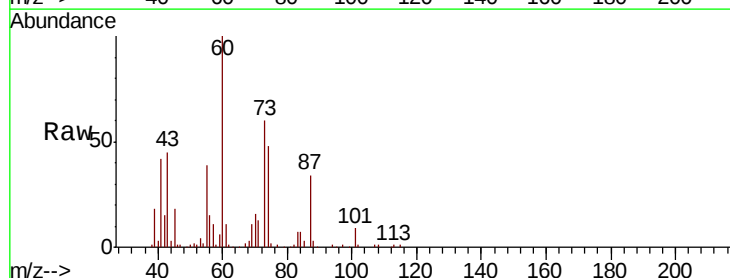
Ion Ratio Lower Upper

70 100

42 89.4 40.5 60.7#

101 54.1 9.3 13.9#

130 0.0 22.0 33.0#

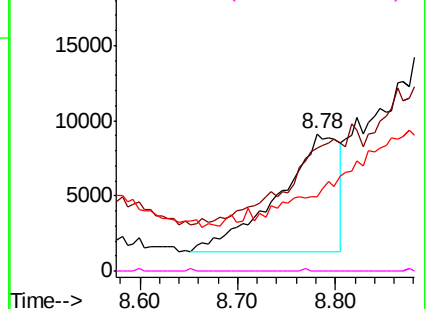


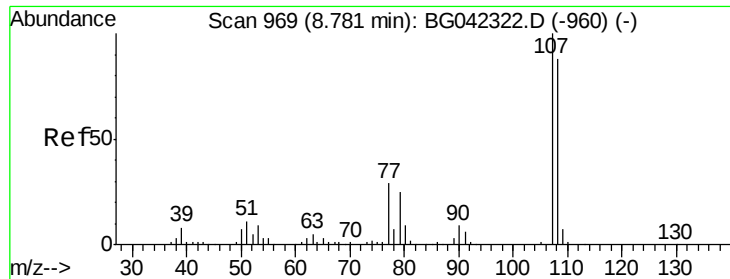
Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

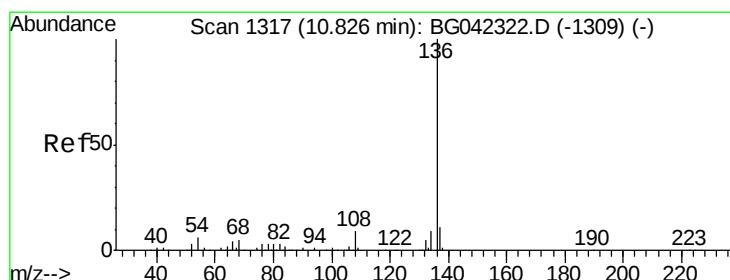
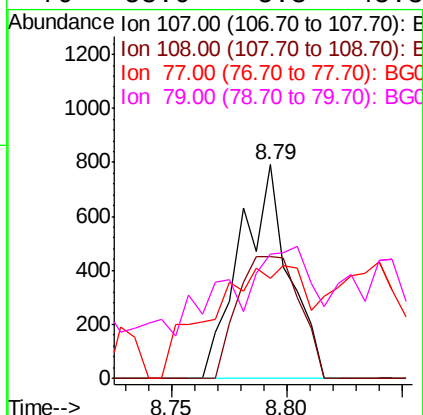
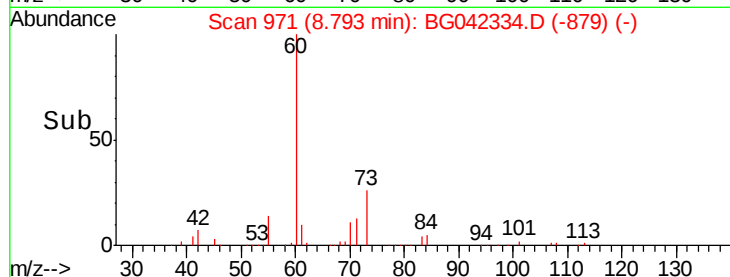
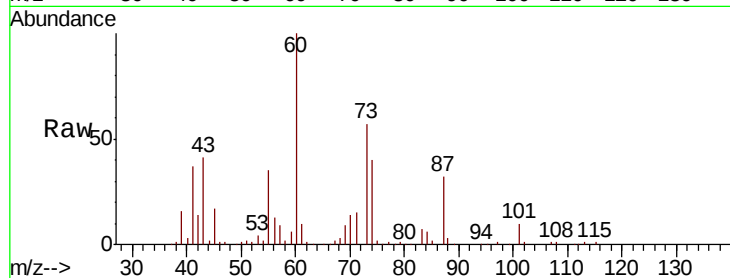




#20
3+4-Methylphenols
Concen: 0.199 ng
RT: 8.79 min Scan# 971
Delta R.T. 0.01 min
Lab File: BG042334.D
Acq: 19 Aug 2019 19:52

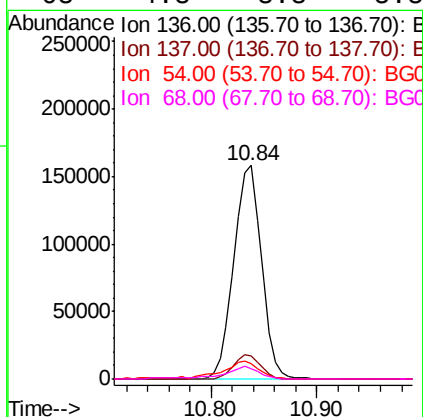
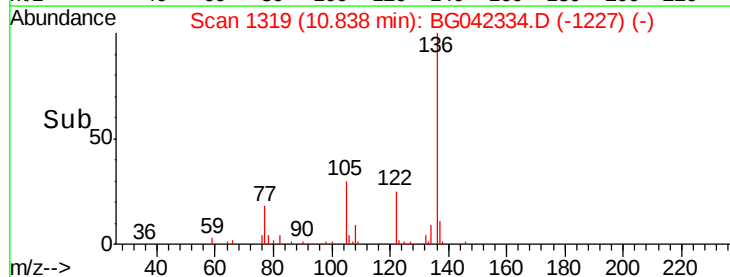
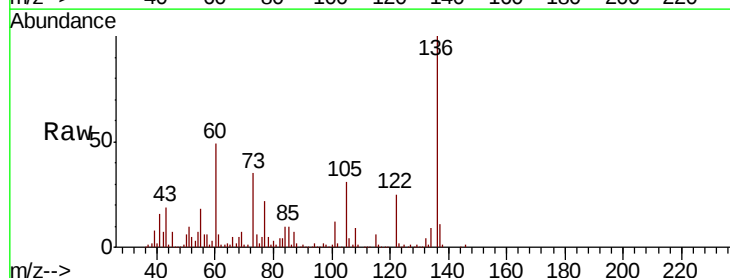
Instrument :
BNA_G
ClientSampleId :

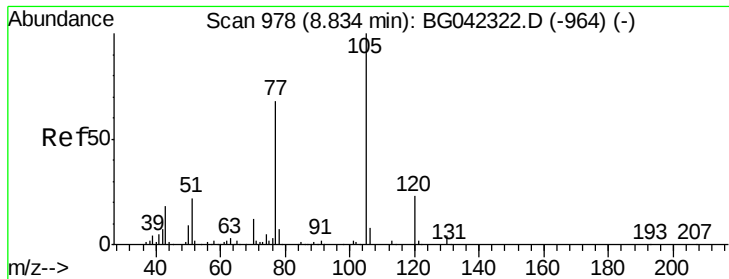
Tot Ion:	107	Resp:	1160
Ion	Ratio	Lower	Upper
107	100		
108	56.9	67.8	107.8#
77	47.0	9.1	49.1
79	58.0	5.3	45.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BG042334.D
Acq: 19 Aug 2019 19:52

Tgt Ion:	136	Resp:	286773
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	7.4	5.0	7.4
68	4.8	3.8	5.8

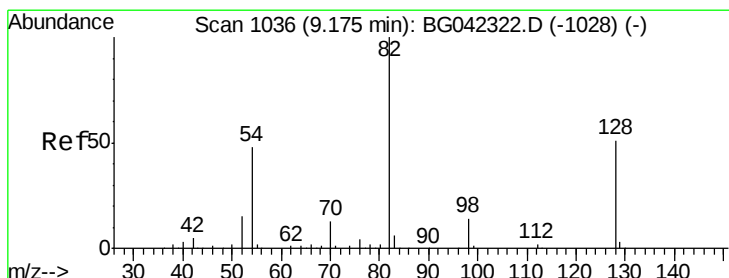
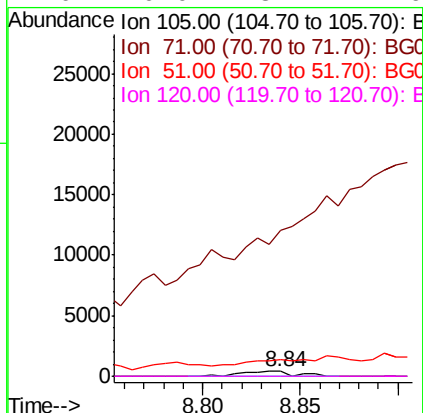
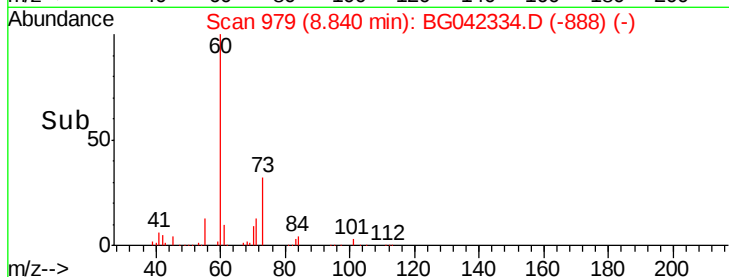
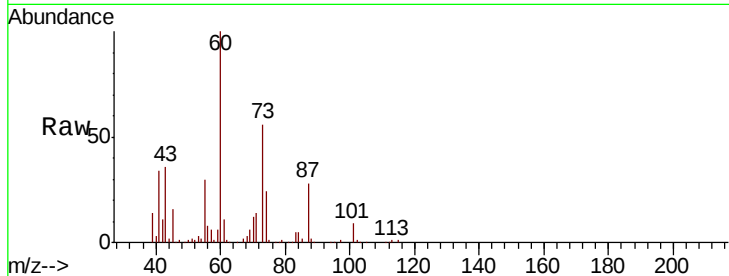




#22
Acetophenone
Concen: 0.121 ng
RT: 8.84 min Scan# 979
Delta R.T. 0.01 min
Lab File: BG042334.D
Acq: 19 Aug 2019 19:52

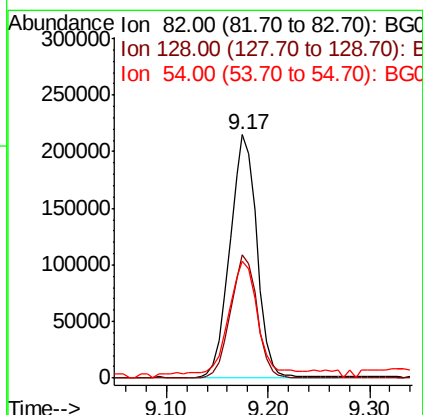
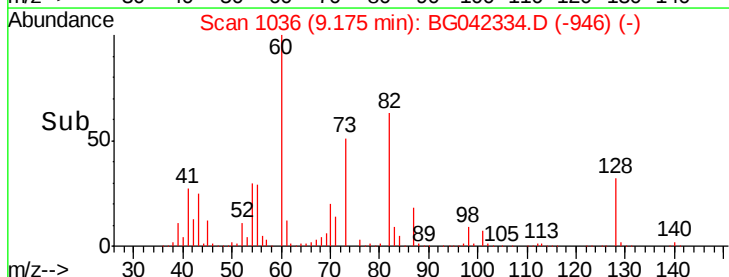
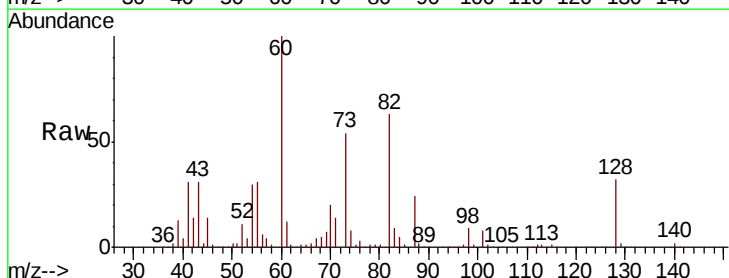
Instrument :
BNA_G
ClientSampled :

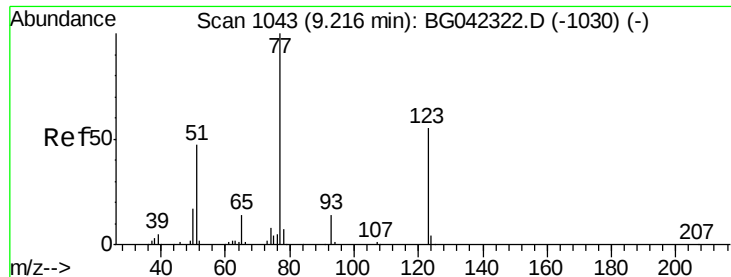
Tot Ion:105 Resp: 737
Ion Ratio Lower Upper
105 100
71 2928.6 1.8 2.8#
51 329.1 17.5 26.3#
120 0.0 18.4 27.6#



#23
Nitrobenzene-d5
Concen: 98.030 ng
RT: 9.17 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BG042334.D
Acq: 19 Aug 2019 19:52

Tgt Ion: 82 Resp: 399704
Ion Ratio Lower Upper
82 100
128 50.6 41.0 61.4
54 48.0 38.0 57.0

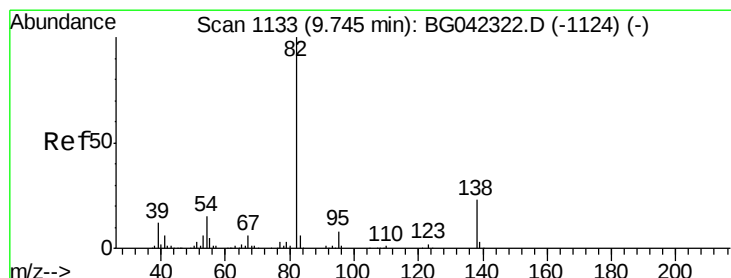
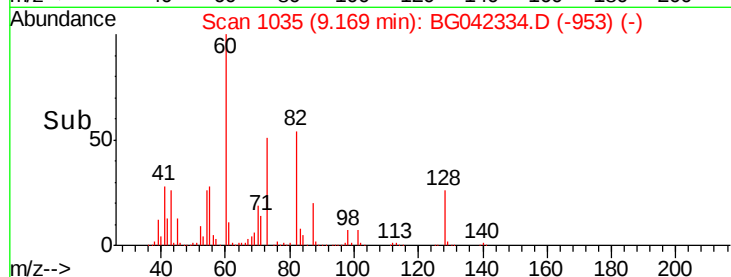
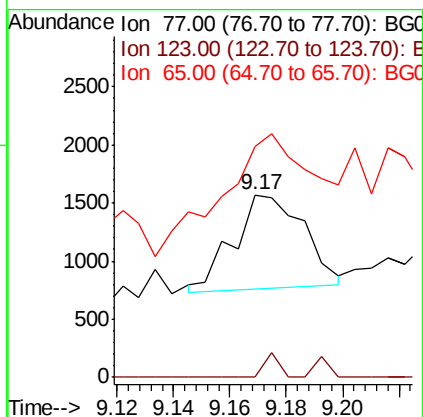
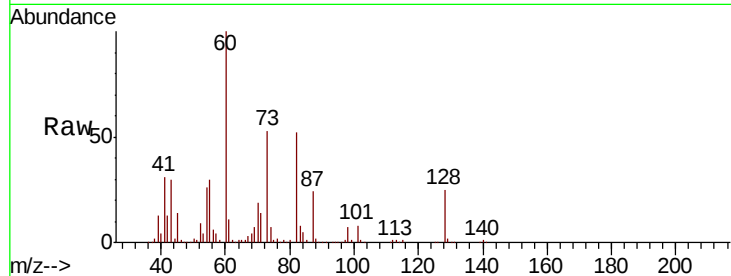




#24
 Nitrobenzene
 Concen: 0.331 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.05 min
 Lab File: BG042334.D
 Acq: 19 Aug 2019 19:52

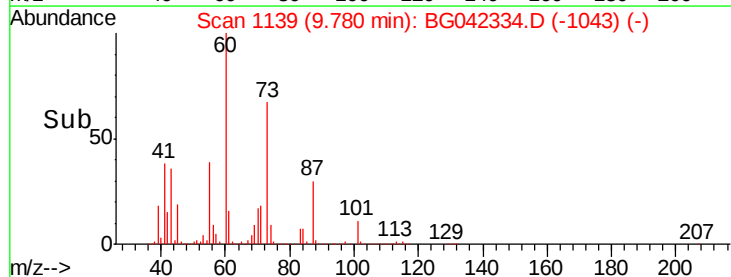
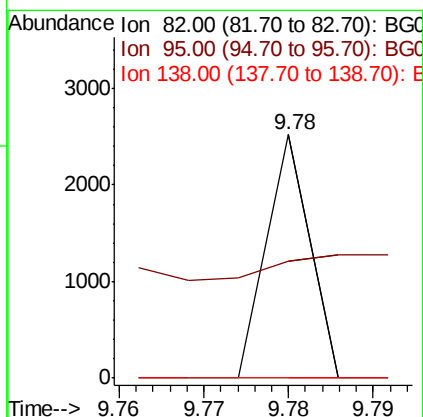
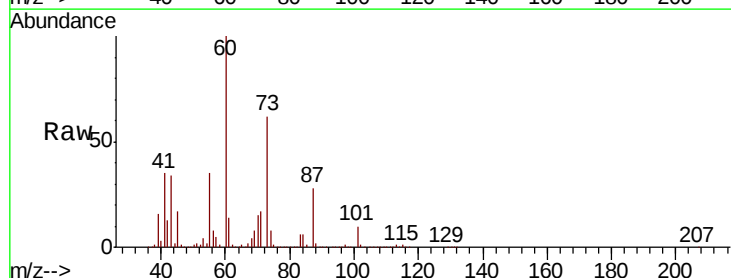
Instrument :
 BNA_G
 ClientSampled :

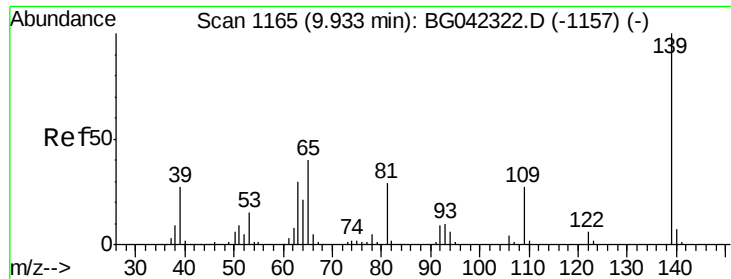
Tot Ion: 77 Resp: 1376
 Ion Ratio Lower Upper
 77 100
 123 0.0 43.7 65.5#
 65 126.4 10.9 16.3#



#25
 Isophorone
 Concen: 0.109 ng
 RT: 9.78 min Scan# 1139
 Delta R.T. 0.04 min
 Lab File: BG042334.D
 Acq: 19 Aug 2019 19:52

Tgt Ion: 82 Resp: 889
 Ion Ratio Lower Upper
 82 100
 95 47.8 6.1 9.1#
 138 0.0 18.2 27.2#

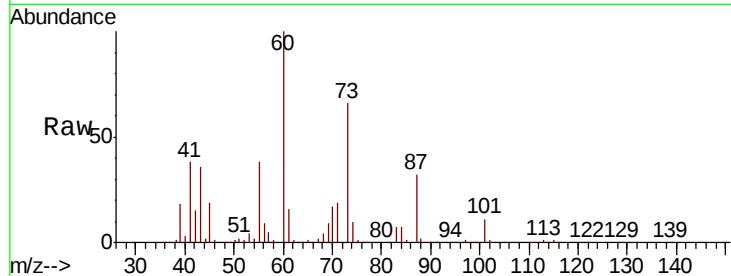




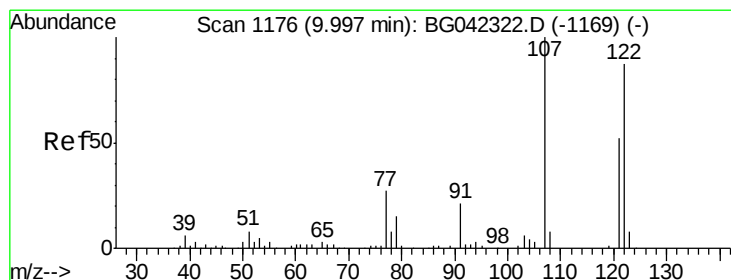
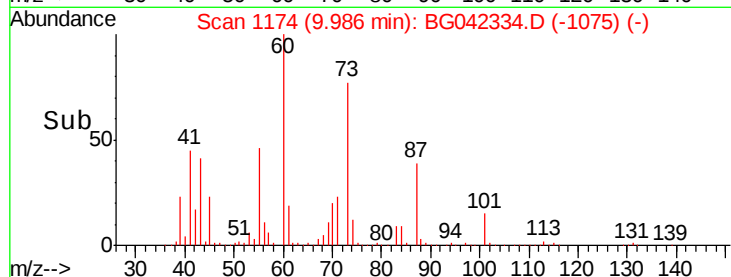
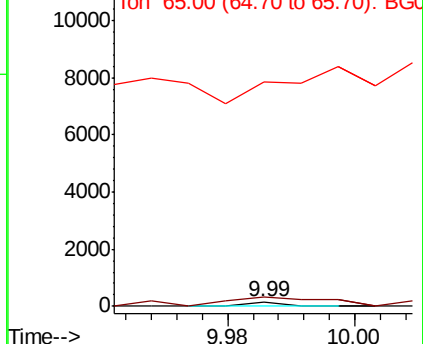
#26
2-Nitrophenol
Concen: 0.022 ng
RT: 9.99 min Scan# 1174
Delta R.T. 0.05 min
Lab File: BG042334.D
Acq: 19 Aug 2019 19:52

Instrument :
BNA_G
ClientSampled :

Tot Ion:139 Resp: 56
Ion Ratio Lower Upper
139 100
109 193.8 21.4 32.2#
65 4911.9 31.8 47.6#

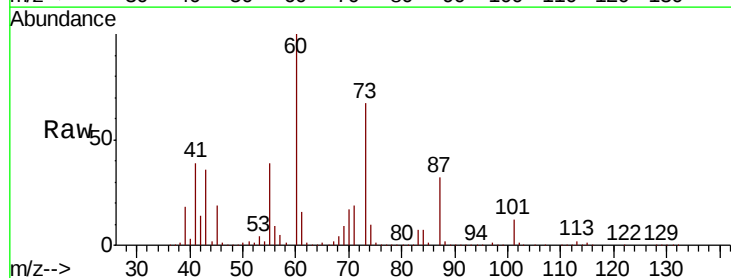


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

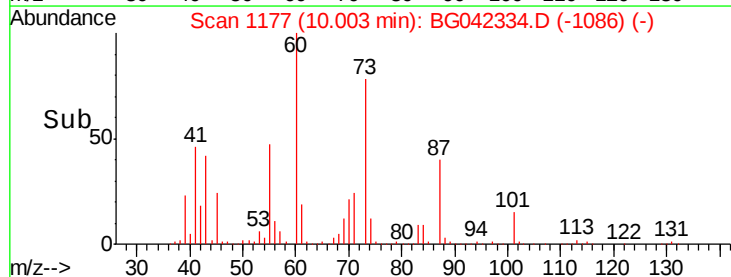
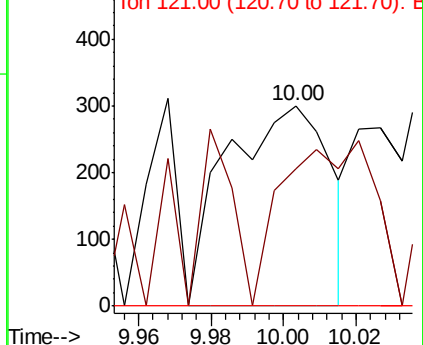


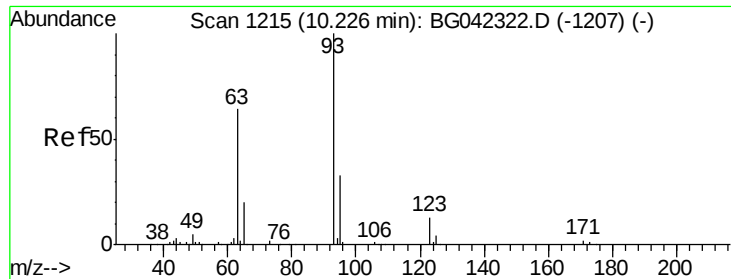
#27
2,4-Dimethylphenol
Concen: 0.167 ng
RT: 10.00 min Scan# 1177
Delta R.T. 0.01 min
Lab File: BG042334.D
Acq: 19 Aug 2019 19:52

Tgt Ion:122 Resp: 597
Ion Ratio Lower Upper
122 100
107 68.3 91.0 136.4#
121 0.0 47.1 70.7#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

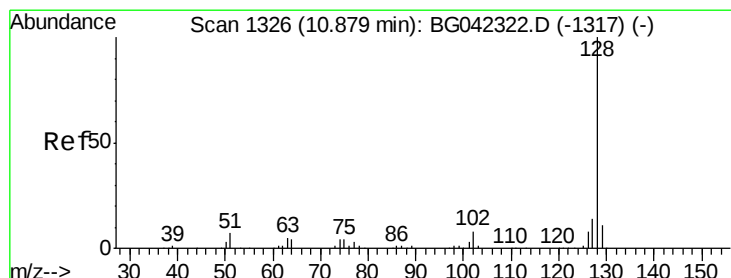
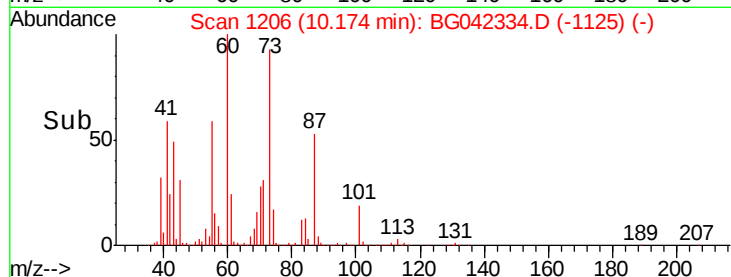
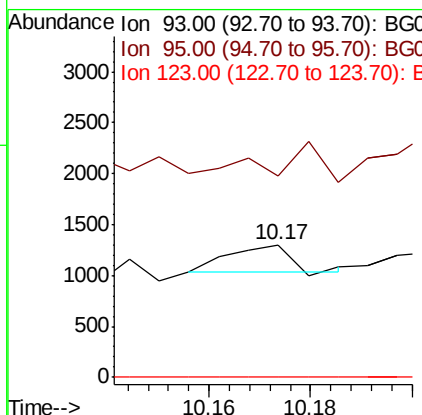
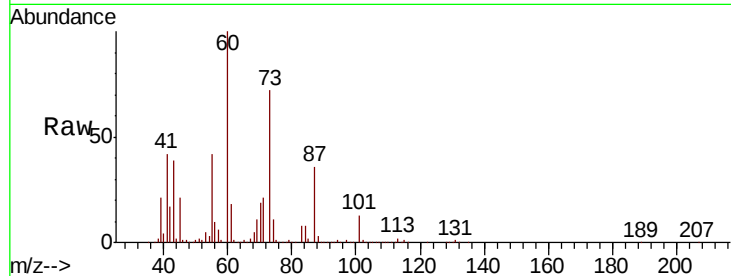




#28
bis(2-Chloroethoxy)methane
Concen: 0.044 ng
RT: 10.17 min Scan# 1206
Delta R.T. -0.05 min
Lab File: BG042334.D
Acq: 19 Aug 2019 19:52

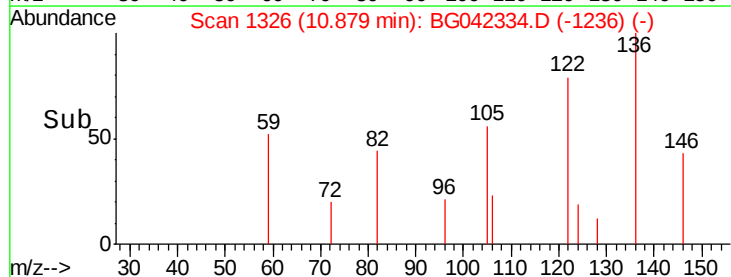
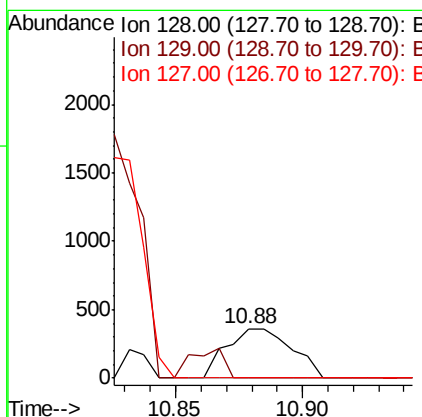
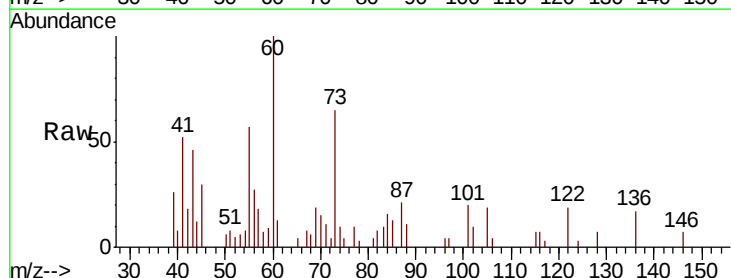
Instrument :
BNA_G
ClientSampled :

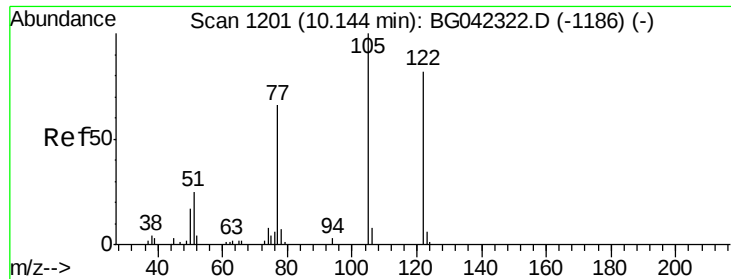
Tot Ion: 93 Resp: 230
Ion Ratio Lower Upper
93 100
95 151.7 26.3 39.5#
123 0.0 10.3 15.5#



#31
Naphthalene
Concen: 0.049 ng
RT: 10.88 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BG042334.D
Acq: 19 Aug 2019 19:52

Tgt Ion: 128 Resp: 650
Ion Ratio Lower Upper
128 100
129 0.0 8.6 13.0#
127 0.0 10.8 16.2#

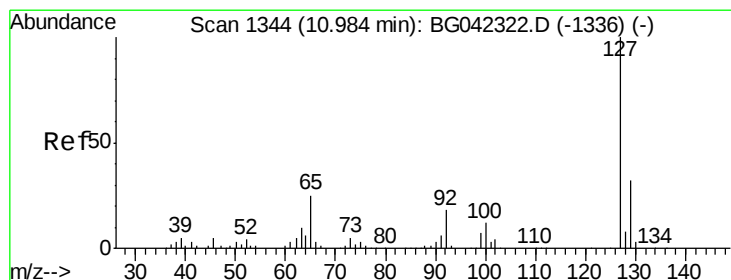
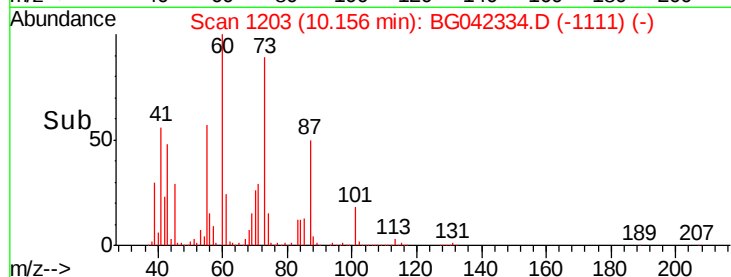
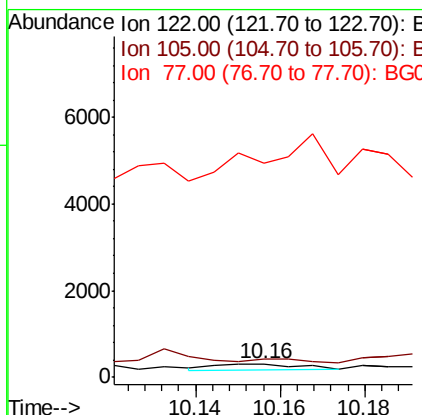
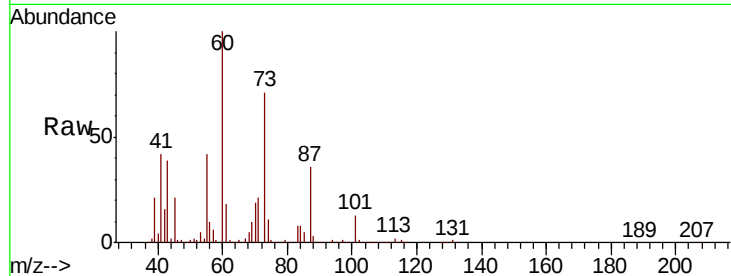




#32
Benzoic acid
Concen: 7.844 ng
RT: 10.16 min Scan# 1203
Delta R.T. 0.01 min
Lab File: BG042334.D
Acq: 19 Aug 2019 19:52

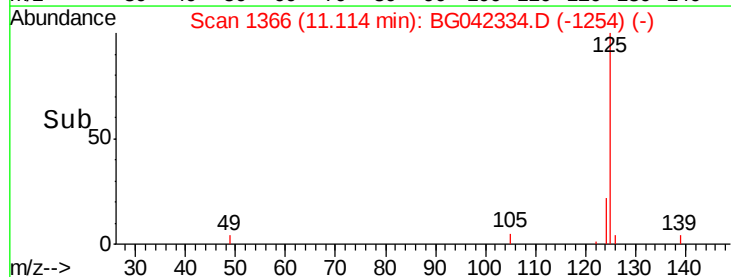
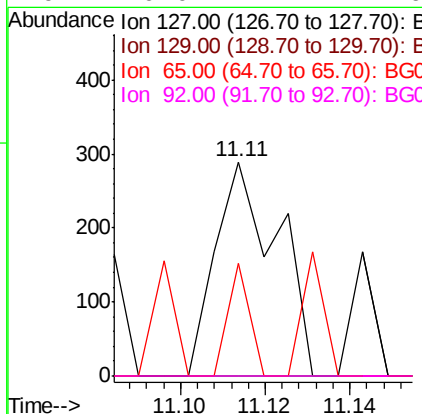
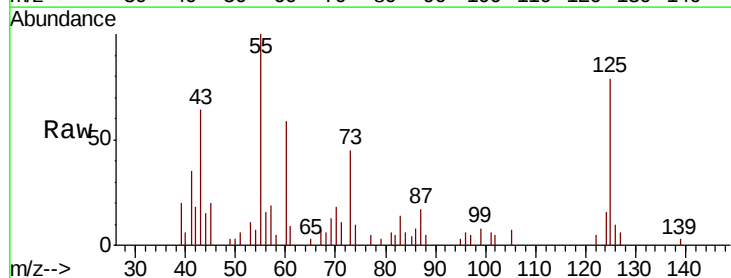
Instrument :
BNA_G
ClientSampleId :

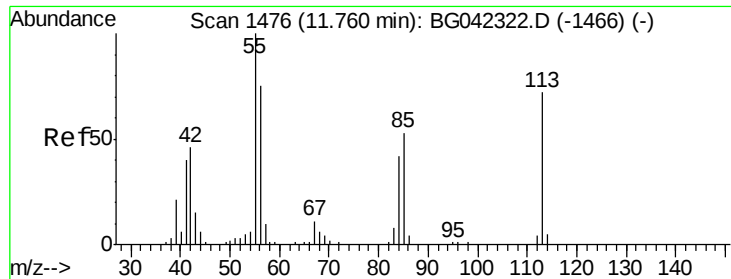
Tot Ion:122 Resp: 199
Ion Ratio Lower Upper
122 100
105 134.4 97.7 137.7
77 1616.7 58.4 98.4#



#33
4-Chloroaniline
Concen: 0.049 ng
RT: 11.11 min Scan# 1366
Delta R.T. 0.13 min
Lab File: BG042334.D
Acq: 19 Aug 2019 19:52

Tgt Ion:127 Resp: 295
Ion Ratio Lower Upper
127 100
129 0.0 25.9 38.9#
65 52.6 19.8 29.8#
92 0.0 14.4 21.6#

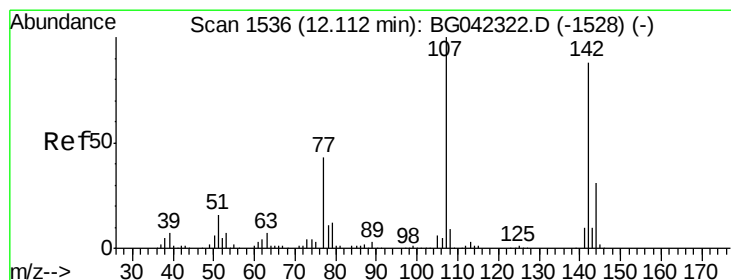
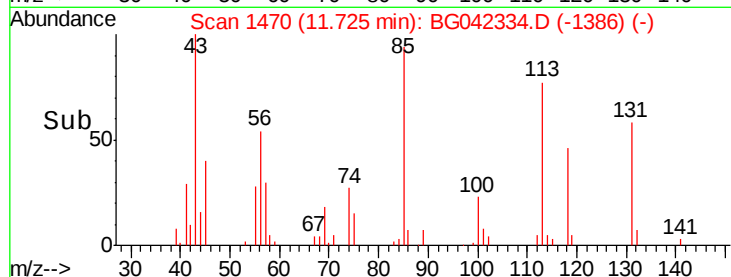
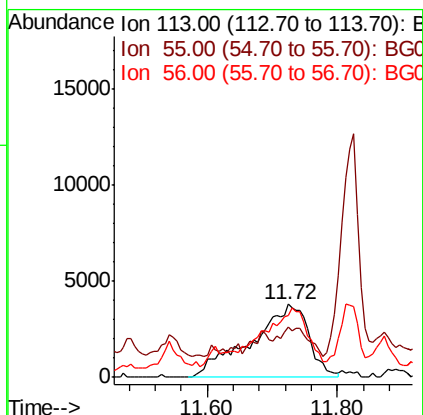
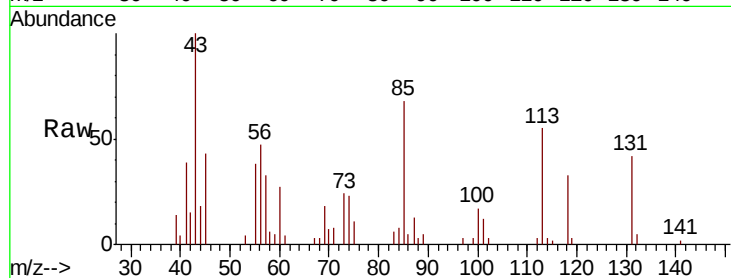




#35
 Caprolactam
 Concen: 15.383 ng
 RT: 11.72 min Scan# 1470
 Delta R.T. -0.04 min
 Lab File: BG042334.D
 Acq: 19 Aug 2019 19:52

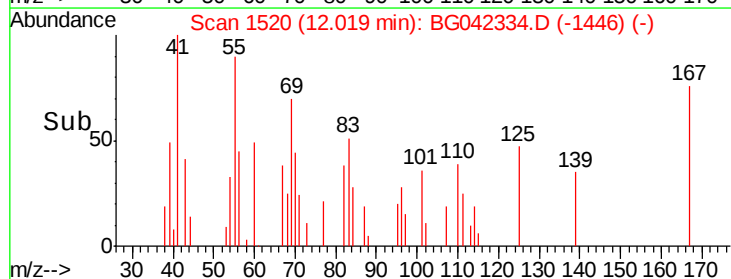
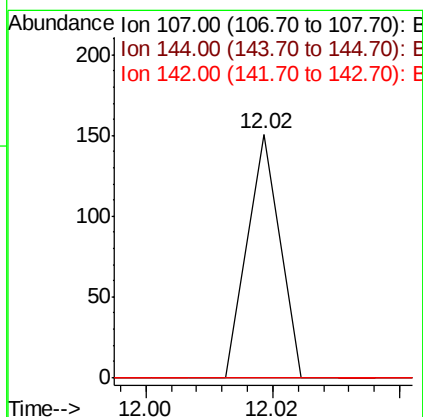
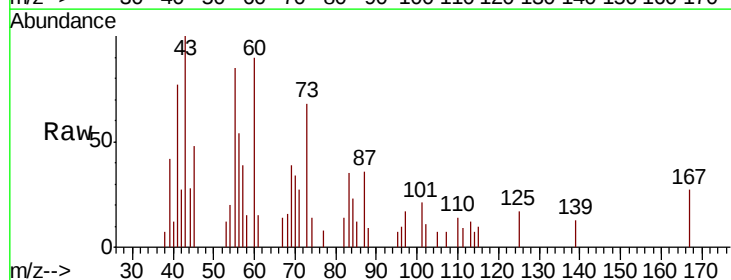
Instrument :
 BNA_G
 ClientSampled :

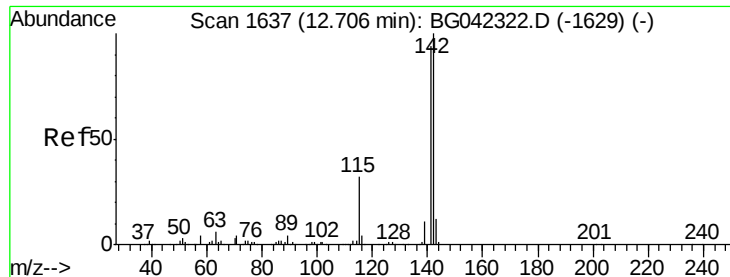
Tot Ion:113 Resp: 23358
 Ion Ratio Lower Upper
 113 100
 55 68.9 119.4 159.4#
 56 85.2 83.9 123.9



#36
 4-Chloro-3-methylphenol
 Concen: 0.012 ng
 RT: 12.02 min Scan# 1520
 Delta R.T. -0.09 min
 Lab File: BG042334.D
 Acq: 19 Aug 2019 19:52

Tgt Ion:107 Resp: 53
 Ion Ratio Lower Upper
 107 100
 144 0.0 24.9 37.3#
 142 0.0 70.3 105.5#

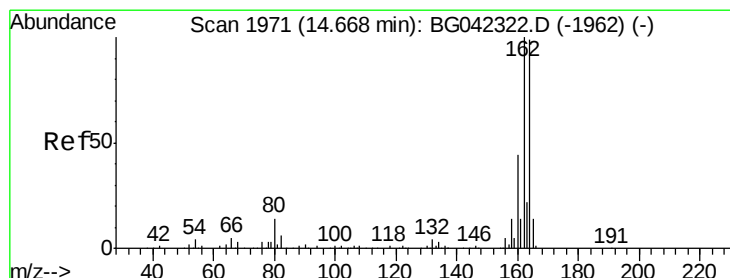
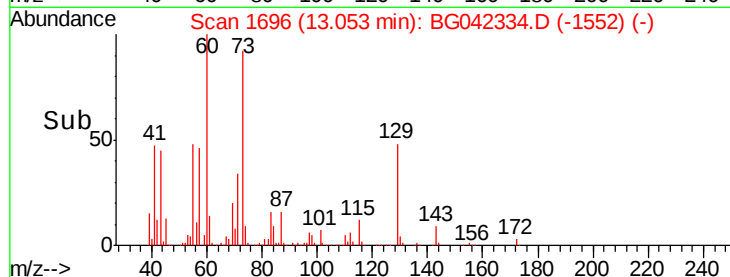
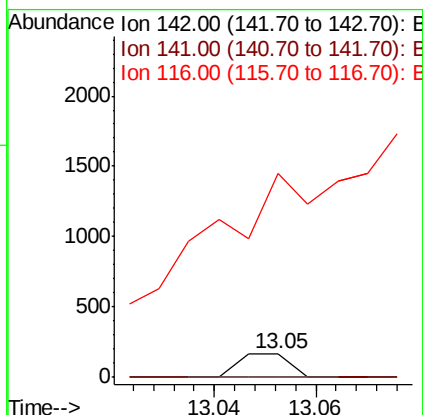
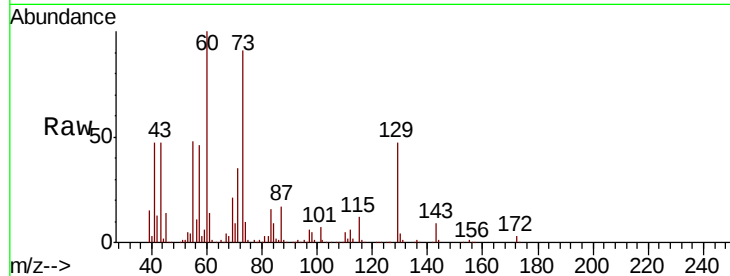




#38
1-Methylnaphthalene
Concen: 0.012 ng
RT: 13.05 min Scan# 1696
Delta R.T. 0.35 min
Lab File: BG042334.D
Acq: 19 Aug 2019 19:52

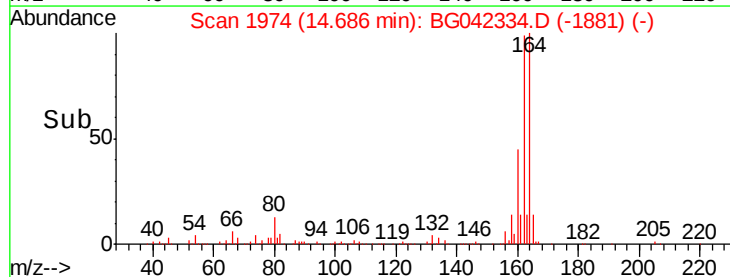
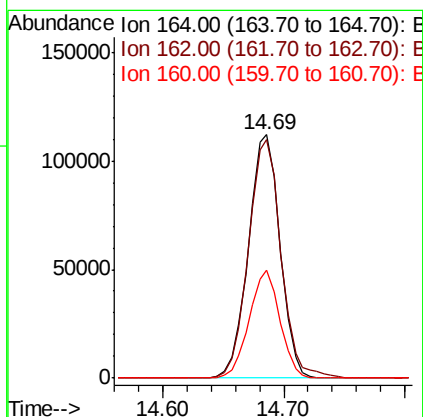
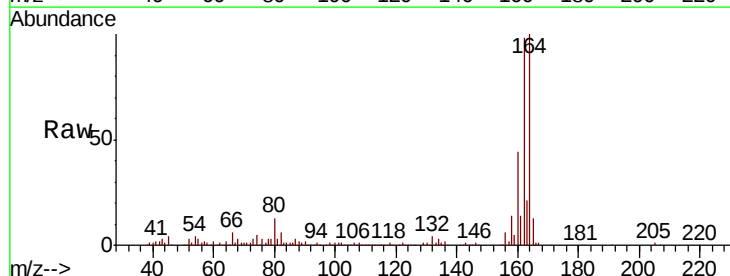
Instrument :
BNA_G
ClientSampled :

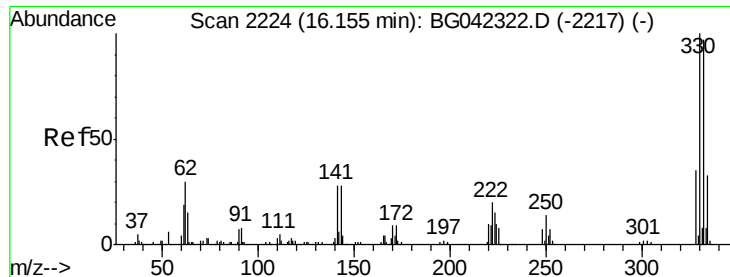
Tot Ion	Ratio	Lower	Upper
142	100		
141	0.0	75.1	112.7#
116	851.2	3.0	4.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. 0.02 min
Lab File: BG042334.D
Acq: 19 Aug 2019 19:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.2	80.6	120.8
160	44.5	35.7	53.5

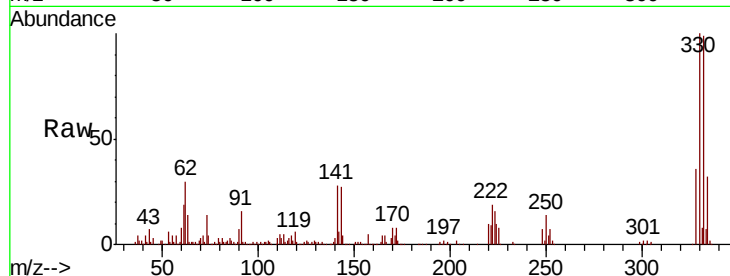




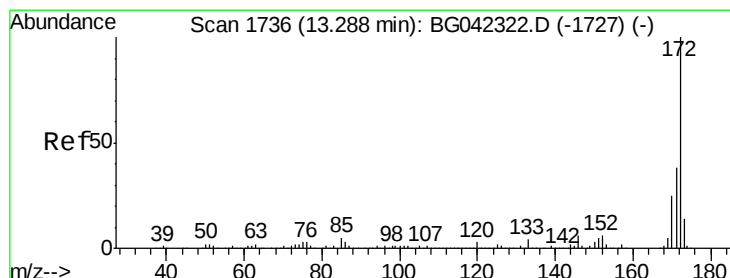
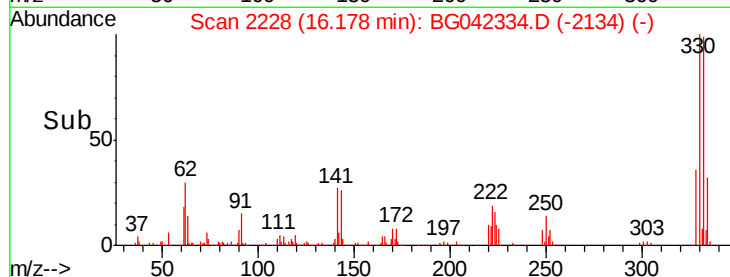
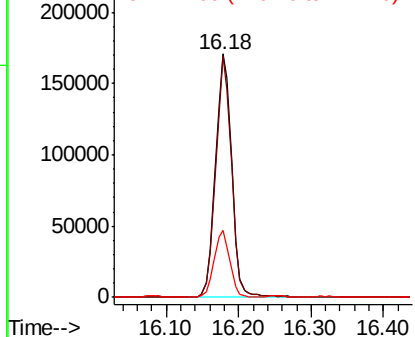
#42
 2,4,6-Tribromophenol
 Concen: 95.902 ng
 RT: 16.18 min Scan# 2228
 Delta R.T. 0.02 min
 Lab File: BG042334.D
 Acq: 19 Aug 2019 19:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.9	115.3
141	26.5	21.8	32.6

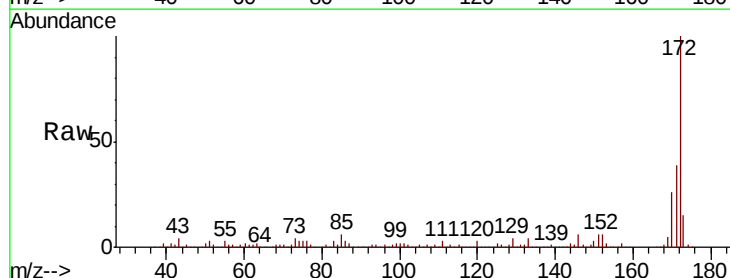


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

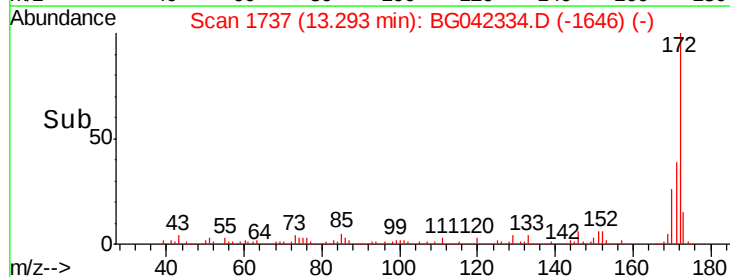
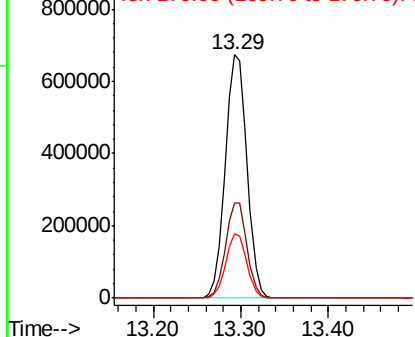


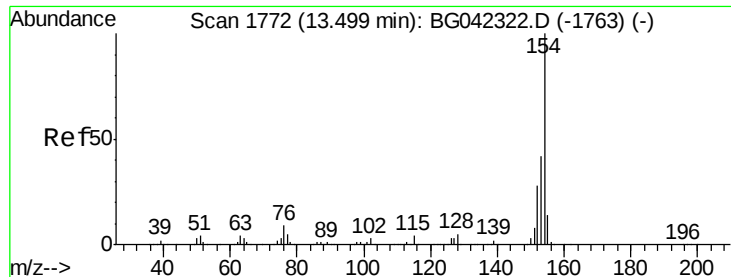
#45
 2-Fluorobiphenyl
 Concen: 95.035 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. 0.01 min
 Lab File: BG042334.D
 Acq: 19 Aug 2019 19:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.3	30.3	45.5
170	26.3	20.0	30.0



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: 0.306 ng

RT: 13.51 min Scan# 1774

Delta R.T. 0.01 min

Lab File: BG042334.D

Acq: 19 Aug 2019 19:52

Instrument :

BNA_G

ClientSampleId :

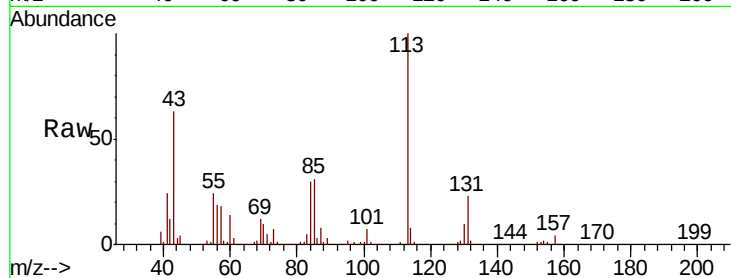
Tot Ion:154 Resp: 4074

Ion Ratio Lower Upper

154 100

153 43.6 21.9 61.9

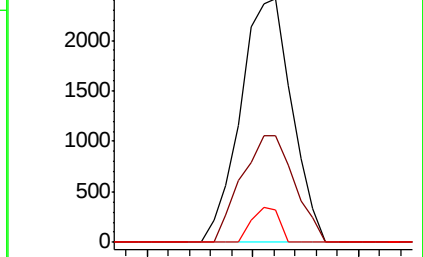
76 13.6 0.0 29.3



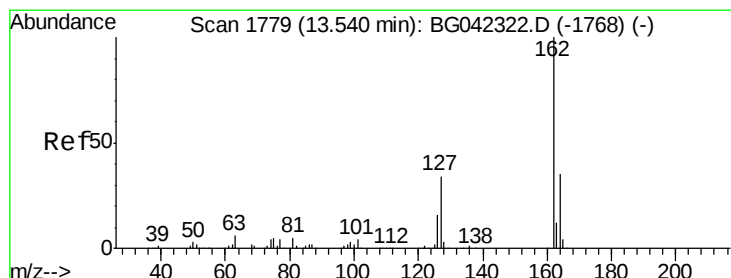
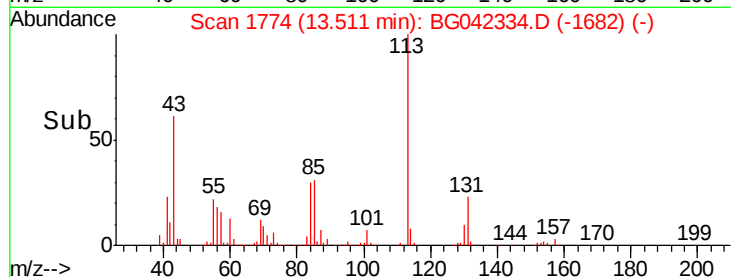
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



Time-->



#47

2-Chloronaphthalene

Concen: 0.005 ng

RT: 13.48 min Scan# 1769

Delta R.T. -0.06 min

Lab File: BG042334.D

Acq: 19 Aug 2019 19:52

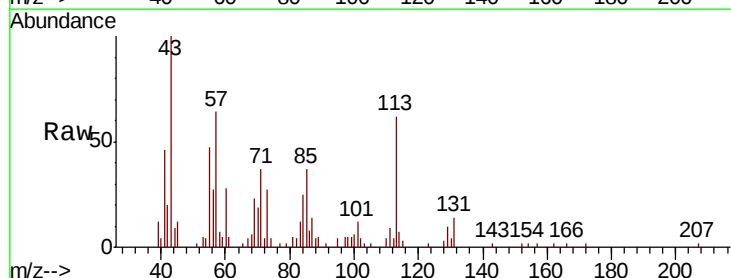
Tgt Ion:162 Resp: 54

Ion Ratio Lower Upper

162 100

127 0.0 27.2 40.8#

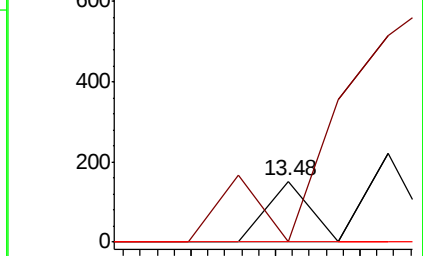
164 0.0 27.8 41.8#



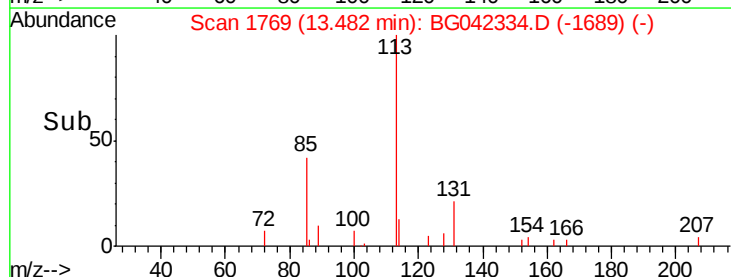
Abundance Ion 162.00 (161.70 to 162.70): E

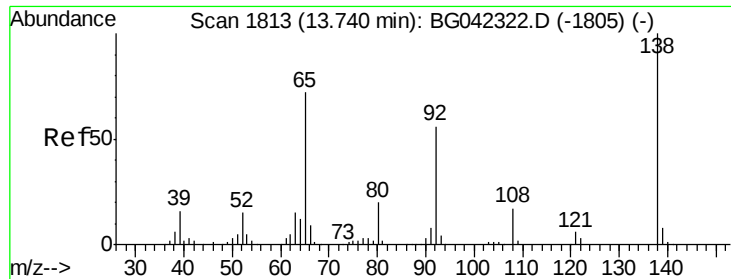
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



Time-->

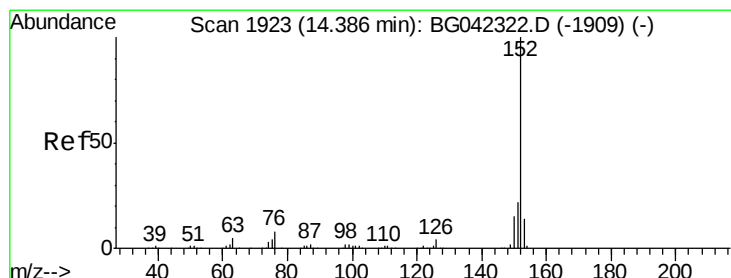
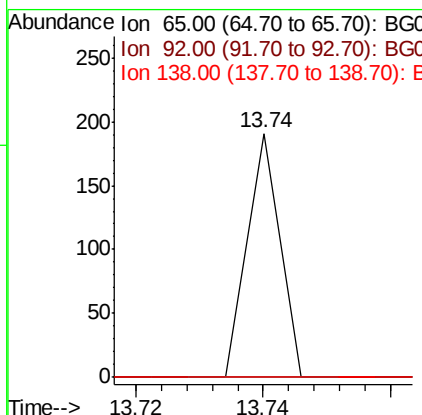
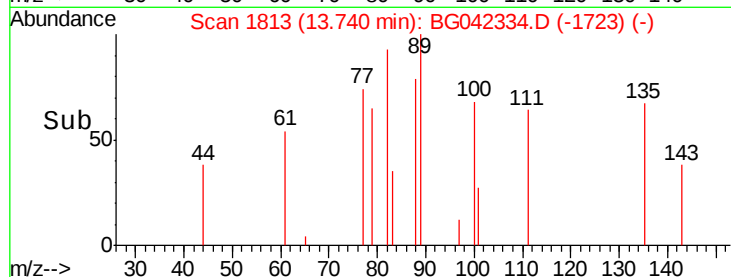
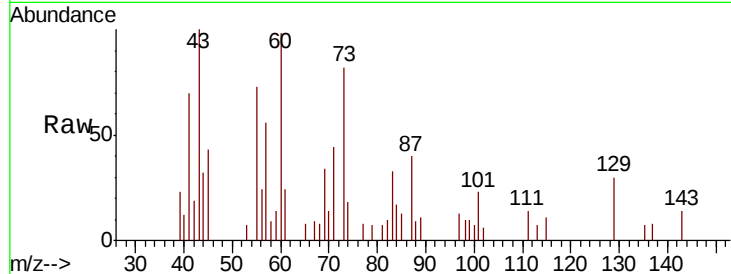




#48
 2-Nitroaniline
 Concen: 0.025 ng
 RT: 13.74 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: BG042334.D
 Acq: 19 Aug 2019 19:52

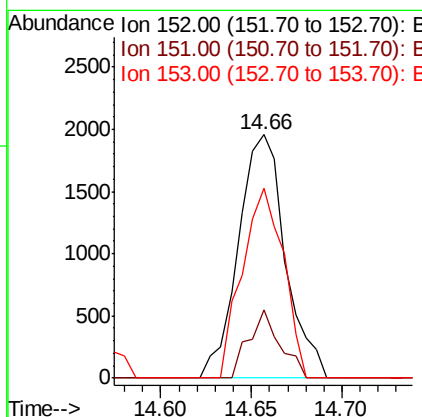
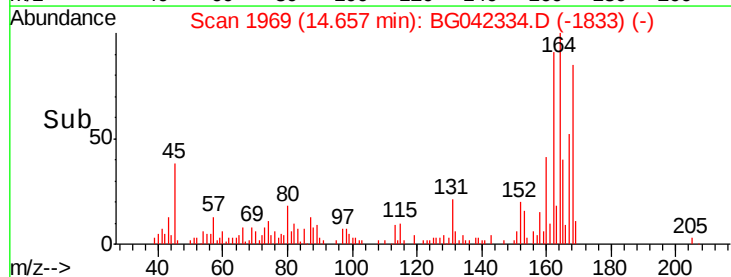
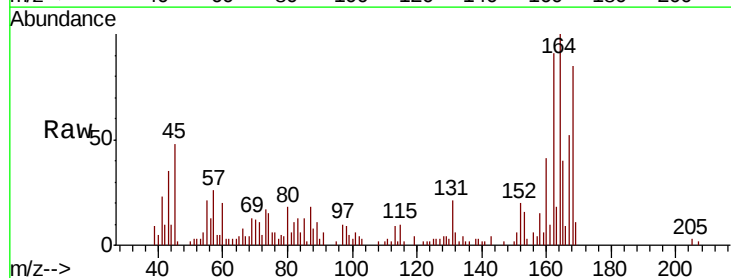
Instrument :
 BNA_G
 ClientSampled :

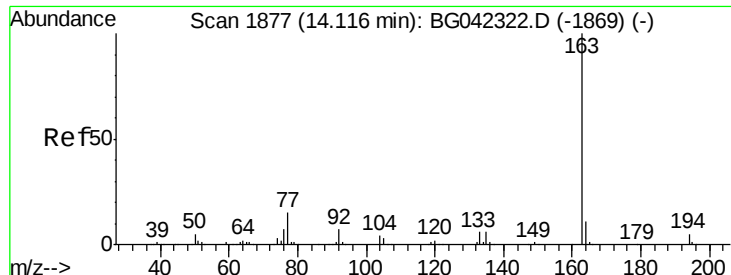
Tot Ion: 65 Resp: 67
 Ion Ratio Lower Upper
 65 100
 92 0.0 62.6 94.0#
 138 0.0 111.5 167.3#



#49
 Acenaphthylene
 Concen: 0.207 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. 0.27 min
 Lab File: BG042334.D
 Acq: 19 Aug 2019 19:52

Tgt Ion: 152 Resp: 3520
 Ion Ratio Lower Upper
 152 100
 151 27.8 17.3 25.9#
 153 78.2 11.5 17.3#





#50

Dimethylphthalate

Concen: 0.910 ng

RT: 14.13 min Scan# 1880

Delta R.T. 0.02 min

Lab File: BG042334.D

Acq: 19 Aug 2019 19:52

Instrument :

BNA_G

ClientSampled :

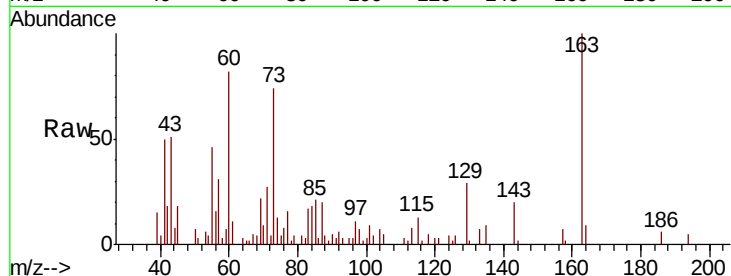
Tot Ion:163 Resp: 13181

Ion Ratio Lower Upper

163 100

194 5.3 4.2 6.2

164 8.7 8.8 13.2#

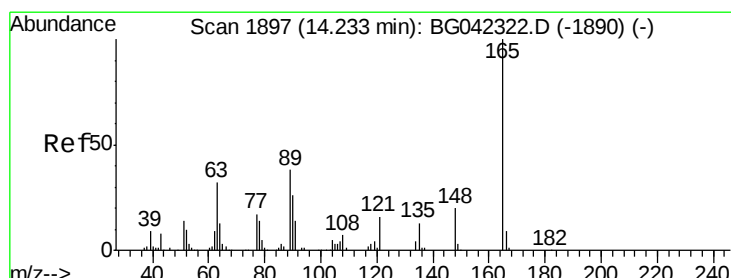
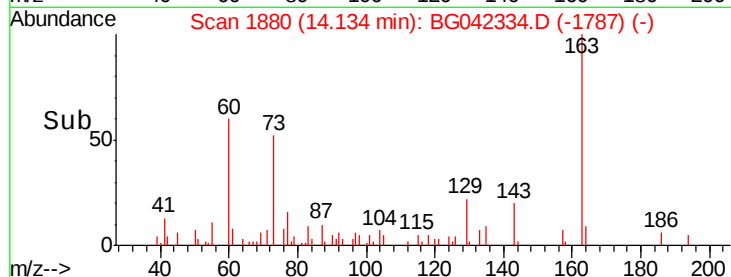
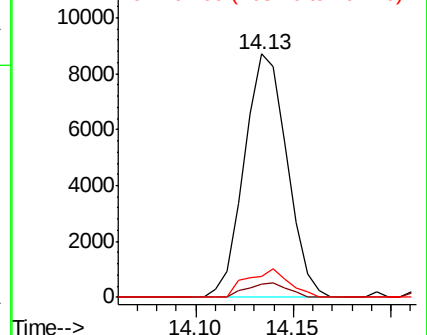


Abundance

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: 1.910 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.01 min

Lab File: BG042334.D

Acq: 19 Aug 2019 19:52

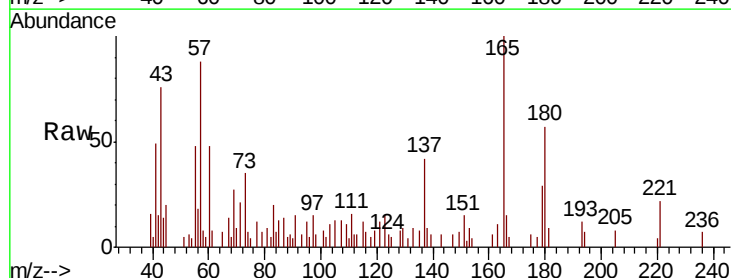
Tgt Ion:165 Resp: 6476

Ion Ratio Lower Upper

165 100

63 0.0 28.2 42.2#

89 5.6 30.0 45.0#

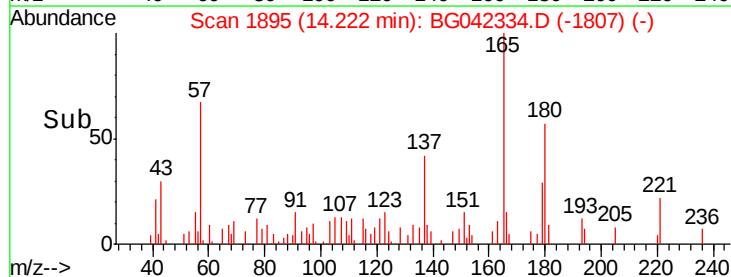
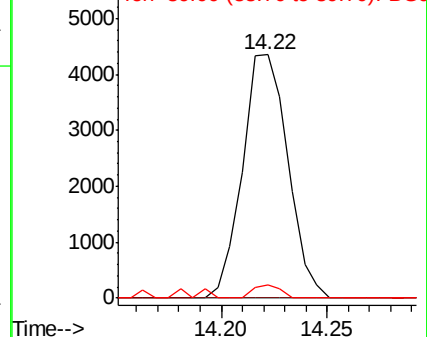


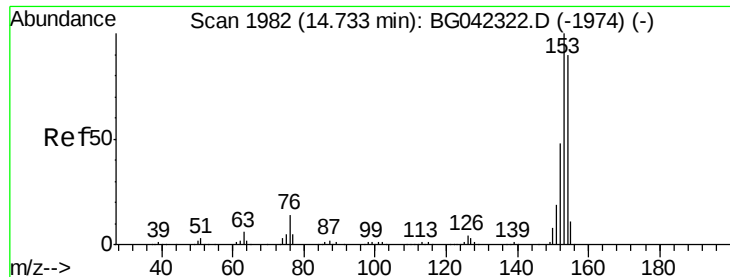
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG





#52

Acenaphthene

Concen: 0.011 ng

RT: 14.74 min Scan# 1984

Delta R.T. 0.01 min

Lab File: BG042334.D

Acq: 19 Aug 2019 19:52

Instrument :

BNA_G

ClientSampleId :

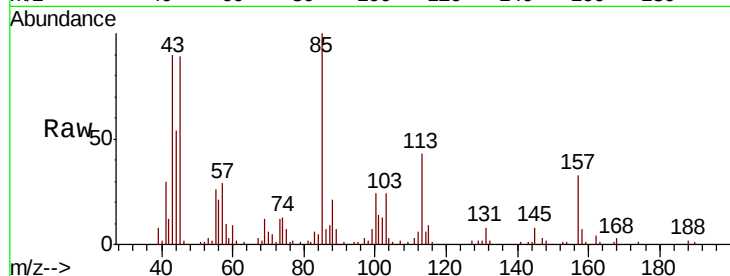
Tot Ion:154 Resp: 117

Ion Ratio Lower Upper

154 100

153 89.2 89.4 134.0#

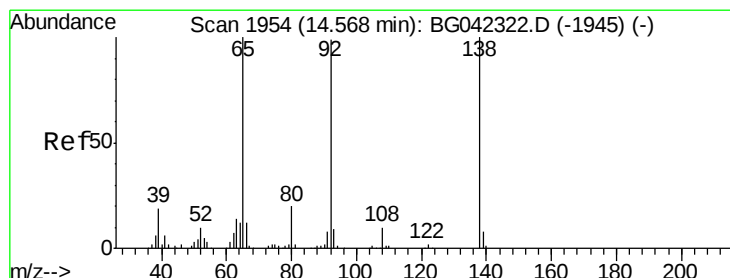
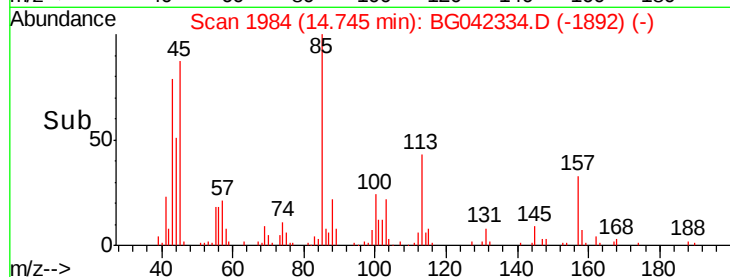
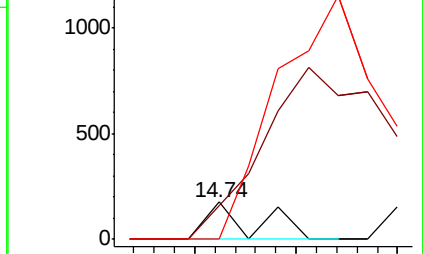
152 0.0 43.1 64.7#



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



#53

3-Nitroaniline

Concen: 0.391 ng

RT: 14.64 min Scan# 1966

Delta R.T. 0.07 min

Lab File: BG042334.D

Acq: 19 Aug 2019 19:52

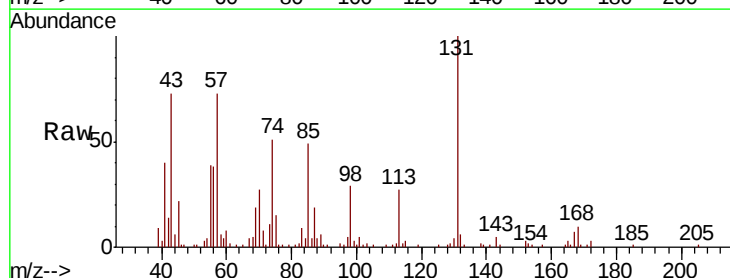
Tgt Ion:138 Resp: 1304

Ion Ratio Lower Upper

138 100

108 0.0 7.9 11.9#

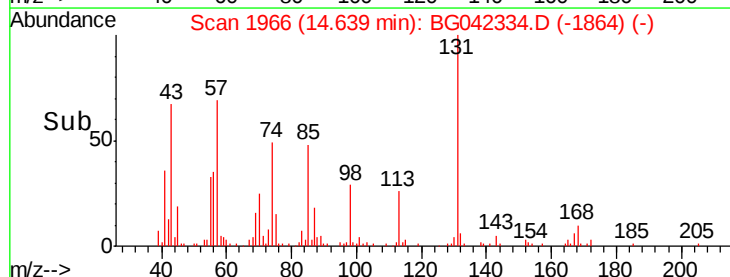
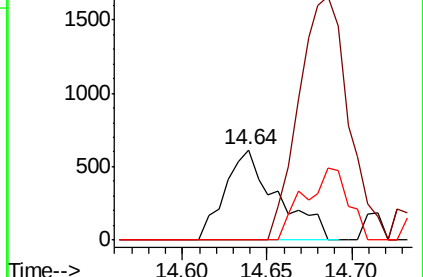
92 0.0 79.8 119.8#

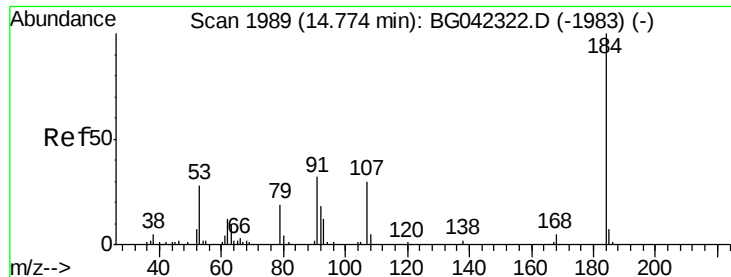


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

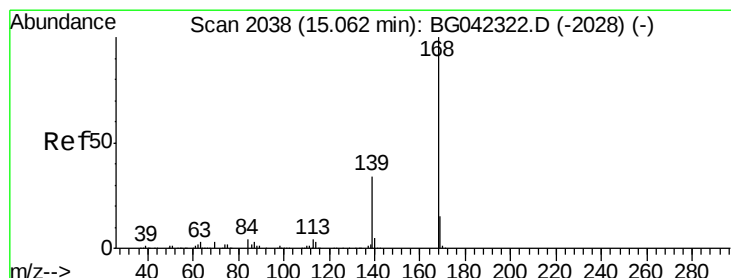
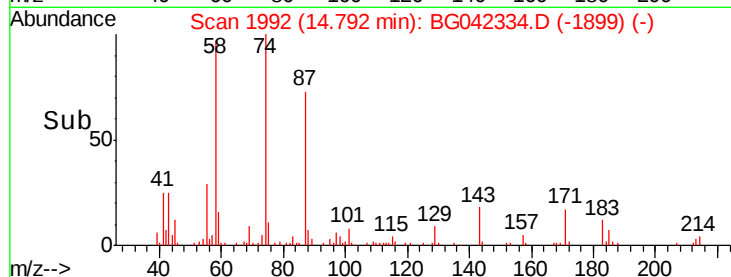
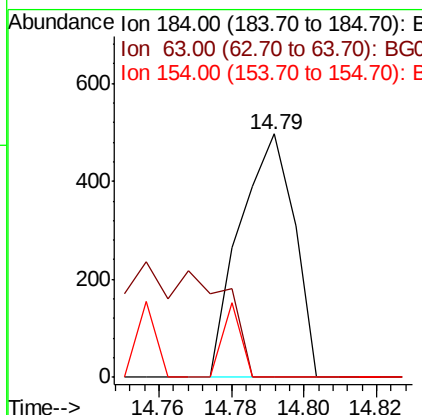
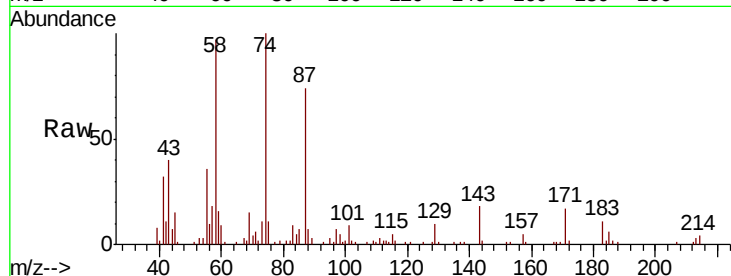




#54
2,4-Dinitrophenol
Concen: 6.728 ng
RT: 14.79 min Scan# 1992
Delta R.T. 0.02 min
Lab File: BG042334.D
Acq: 19 Aug 2019 19:52

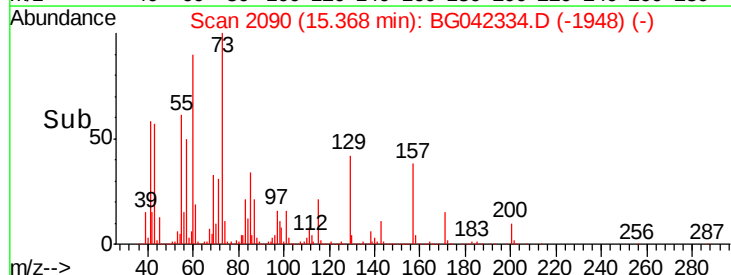
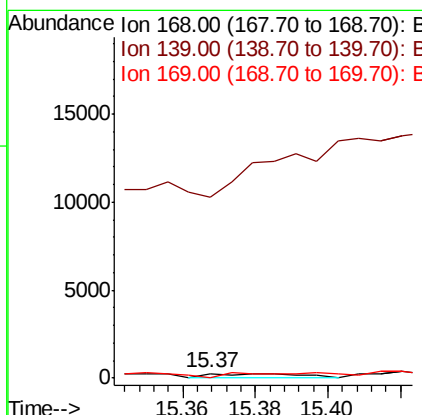
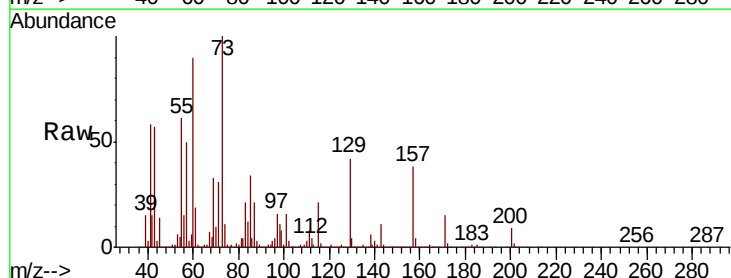
Instrument :
BNA_G
ClientSampleId :

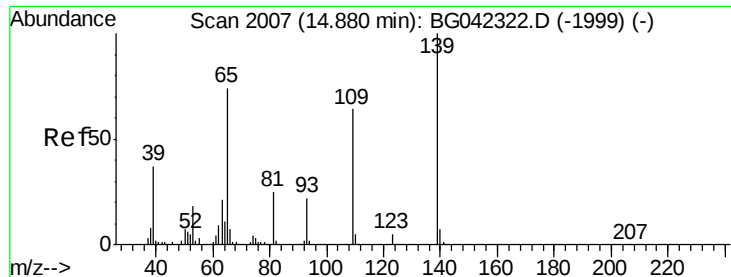
Tot Ion:184 Resp: 515
Ion Ratio Lower Upper
184 100
63 0.0 30.2 45.4#
154 0.0 39.7 59.5#



#55
Dibenzofuran
Concen: 0.026 ng
RT: 15.37 min Scan# 2090
Delta R.T. 0.31 min
Lab File: BG042334.D
Acq: 19 Aug 2019 19:52

Tgt Ion:168 Resp: 448
Ion Ratio Lower Upper
168 100
139 3781.5 27.6 41.4#
169 0.0 11.7 17.5#

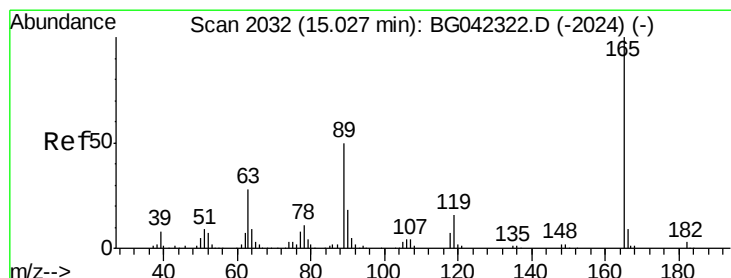
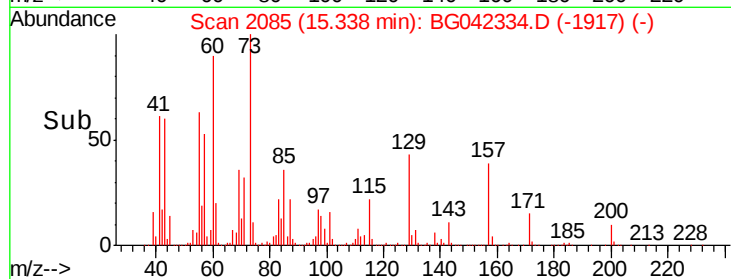
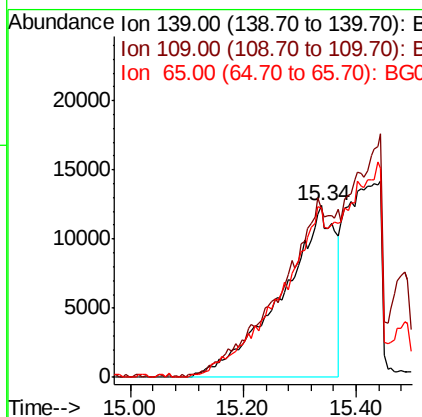
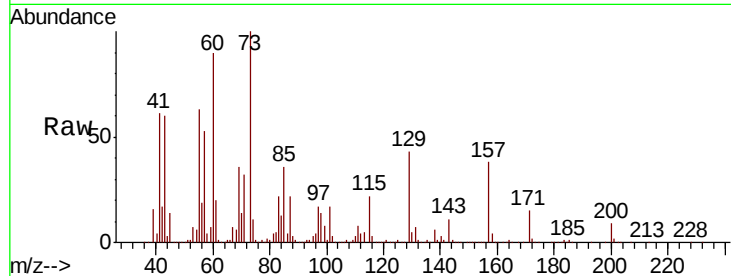




#56
4-Nitrophenol
Concen: 33.791 ng
RT: 15.34 min Scan# 2085
Delta R.T. 0.46 min
Lab File: BG042334.D
Acq: 19 Aug 2019 19:52

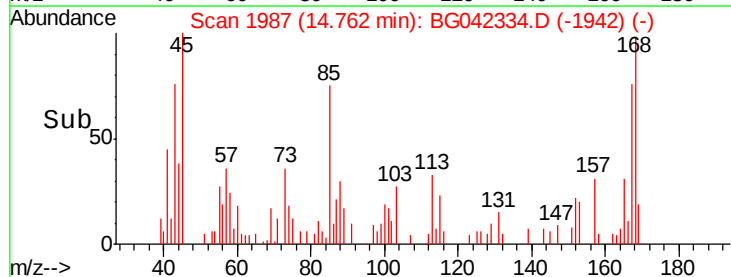
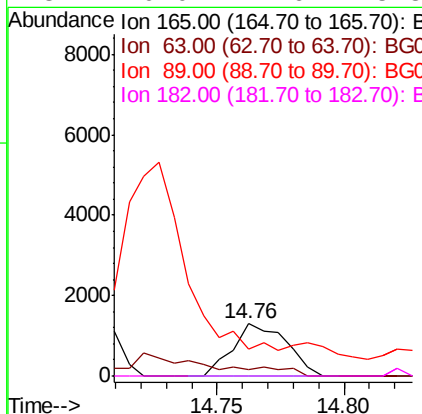
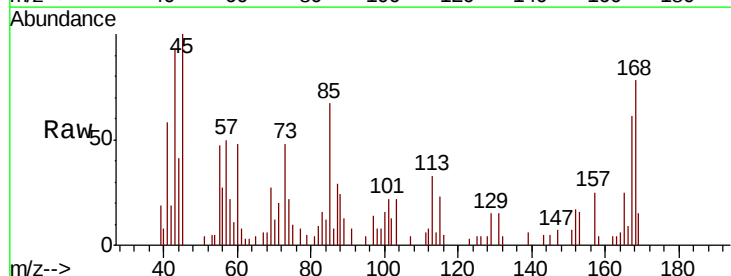
Instrument :
BNA_G
ClientSampleId :

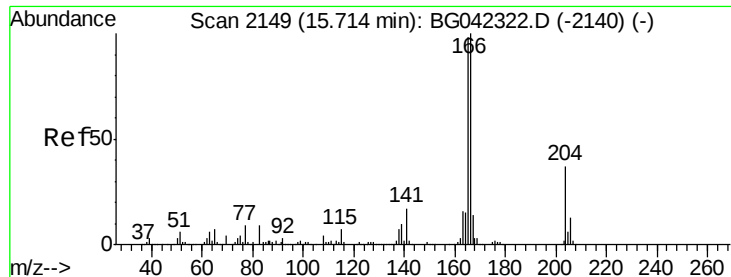
Tot Ion	Ratio	Lower	Upper
139	100		
109	97.9	44.0	84.0#
65	98.6	54.5	94.5#



#57
2,4-Dinitrotoluene
Concen: 0.405 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.26 min
Lab File: BG042334.D
Acq: 19 Aug 2019 19:52

Tgt Ion	Ratio	Lower	Upper
165	100		
63	12.3	22.4	33.6#
89	53.1	40.2	60.2
182	0.0	2.6	3.8#





#58

Fluorene

Concen: 0.035 ng

RT: 15.44 min Scan# 2102

Delta R.T. -0.28 min

Lab File: BG042334.D

Acq: 19 Aug 2019 19:52

Instrument :

BNA_G

ClientSampled :

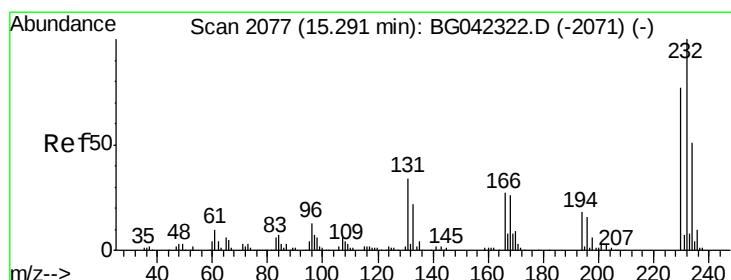
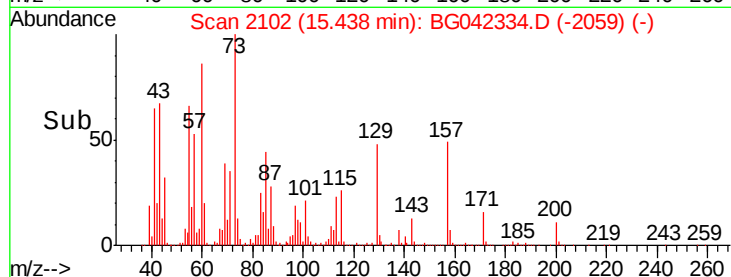
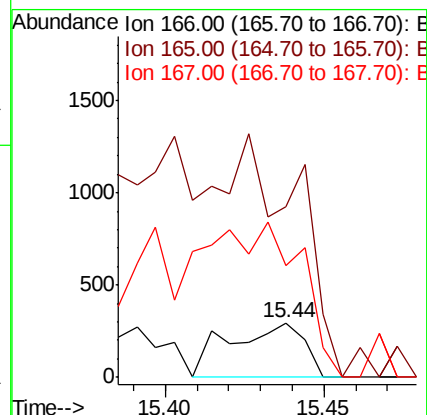
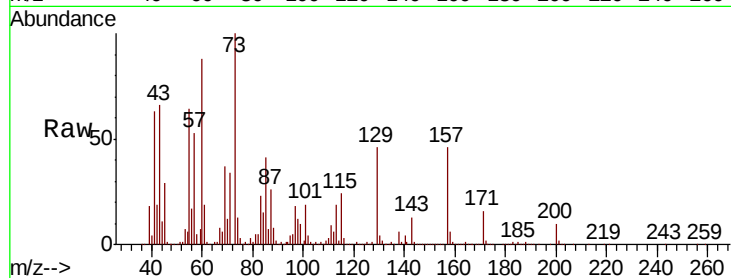
Tot Ion:166 Resp: 480

Ion Ratio Lower Upper

166 100

165 313.6 78.7 118.1#

167 205.4 11.1 16.7#



#59

2,3,4,6-Tetrachlorophenol

Concen: 0.013 ng

RT: 15.34 min Scan# 2085

Delta R.T. 0.05 min

Lab File: BG042334.D

Acq: 19 Aug 2019 19:52

Tgt Ion:232 Resp: 58

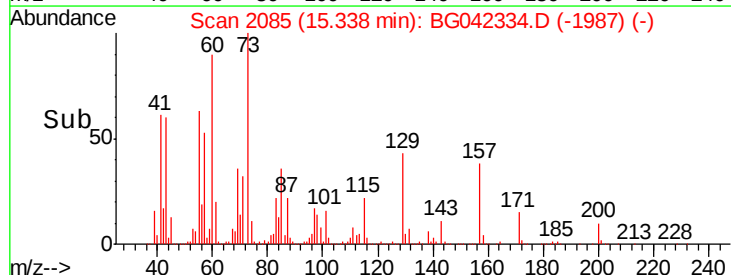
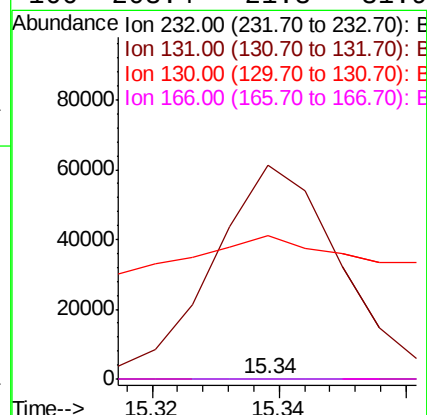
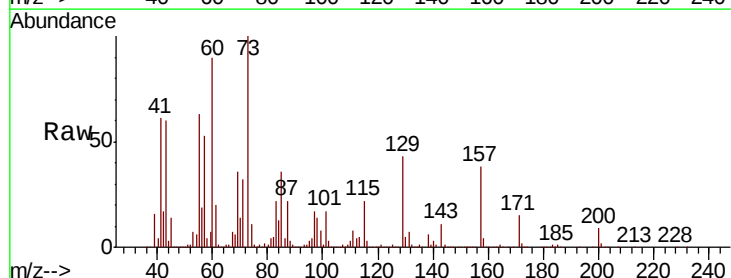
Ion Ratio Lower Upper

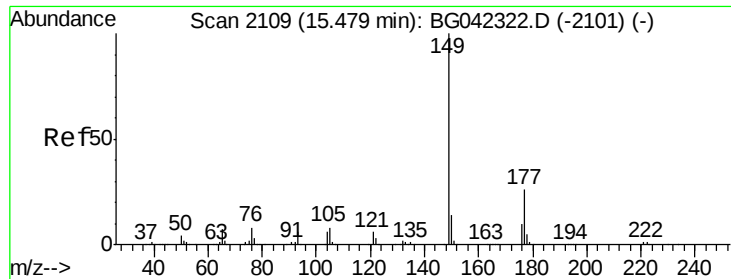
232 100

131 155015.5 27.0 40.6#

130 424127.6 1.4 2.0#

166 203.4 21.3 31.9#

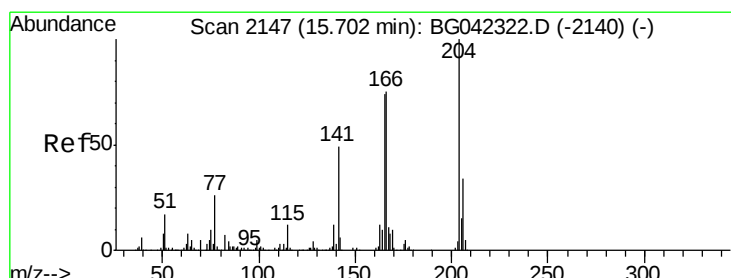
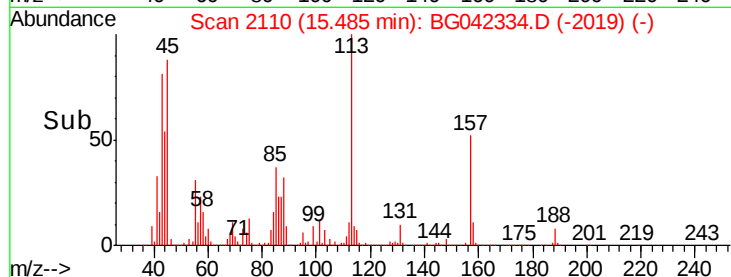
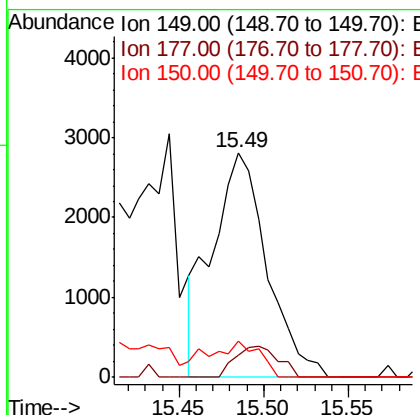
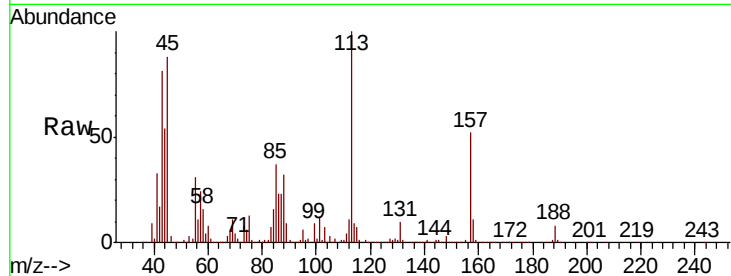




#60
Diethylphthalate
Concen: 0.451 ng
RT: 15.49 min Scan# 2110
Delta R.T. 0.01 min
Lab File: BG042334.D
Acq: 19 Aug 2019 19:52

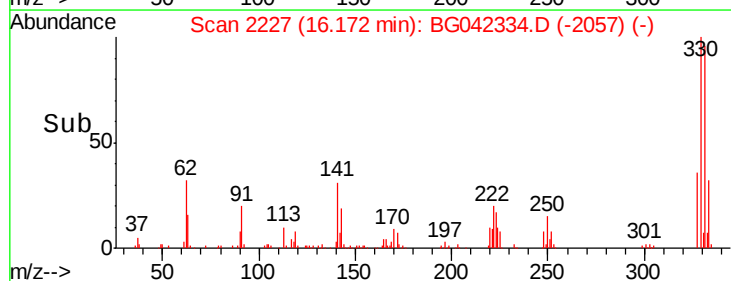
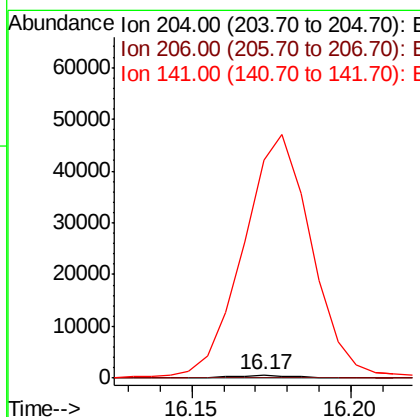
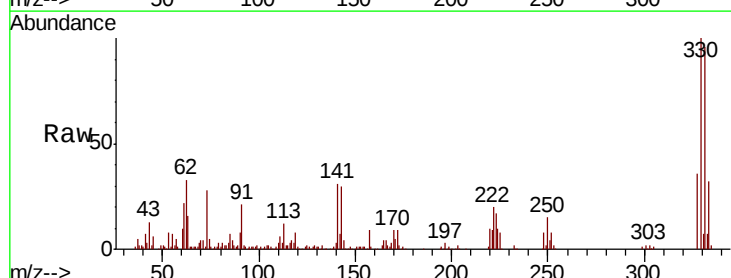
Instrument :
BNA_G
ClientSampleId :

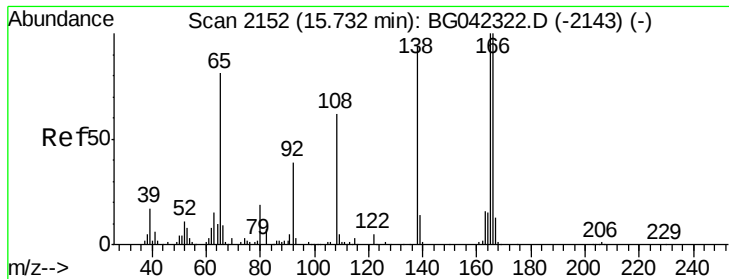
Tot Ion:149 Resp: 6324
Ion Ratio Lower Upper
149 100
177 10.0 20.7 31.1#
150 16.3 11.0 16.4



#61
4-Chlorophenyl-phenylether
Concen: 0.074 ng
RT: 16.17 min Scan# 2227
Delta R.T. 0.47 min
Lab File: BG042334.D
Acq: 19 Aug 2019 19:52

Tgt Ion:204 Resp: 609
Ion Ratio Lower Upper
204 100
206 0.0 27.5 41.3#
141 7269.0 38.8 58.2#





#62

4-Nitroaniline

Concen: 10.337 ng

RT: 15.33 min Scan# 2084

Delta R.T. -0.40 min

Lab File: BG042334.D

Acq: 19 Aug 2019 19:52

Instrument :

BNA_G

ClientSampleId :

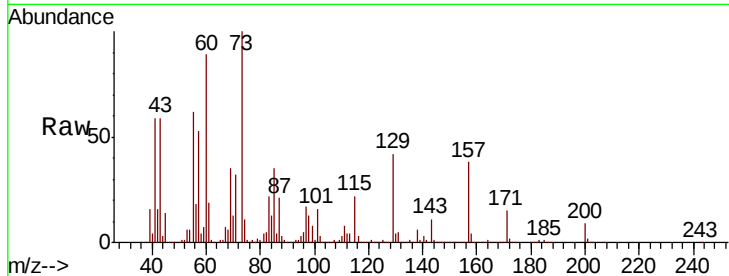
Tot Ion:138 Resp: 36409

Ion Ratio Lower Upper

138 100

92 2.0 21.5 61.5#

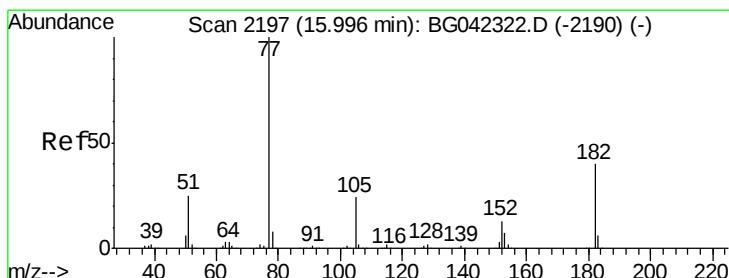
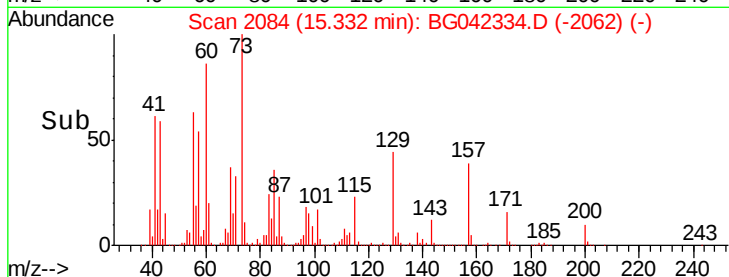
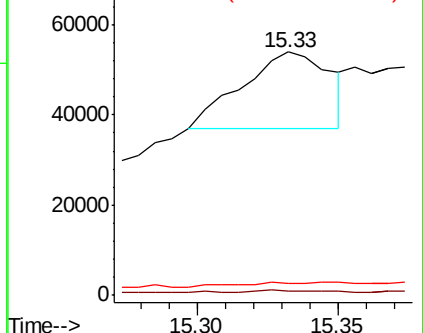
108 4.8 45.7 85.7#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E



#63

Azobenzene

Concen: 0.046 ng

RT: 16.04 min Scan# 2205

Delta R.T. 0.05 min

Lab File: BG042334.D

Acq: 19 Aug 2019 19:52

Tgt Ion: 77 Resp: 452

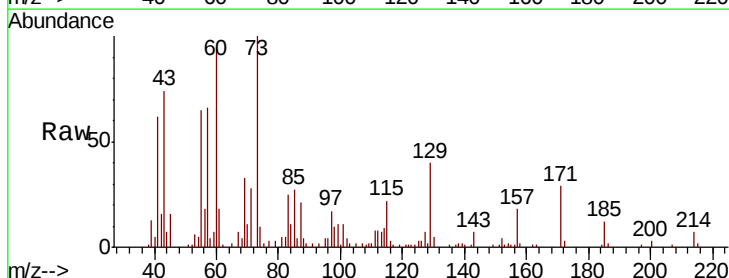
Ion Ratio Lower Upper

77 100

182 0.0 19.7 59.7#

105 66.2 3.5 43.5#

51 44.6 5.4 45.4

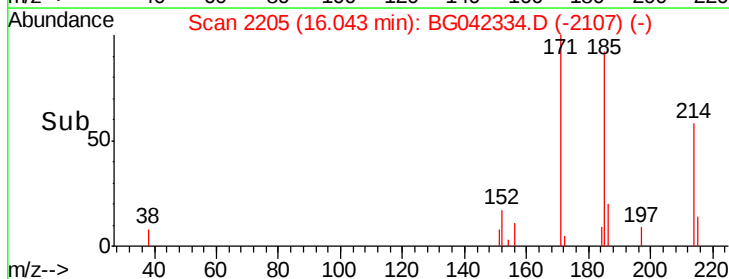
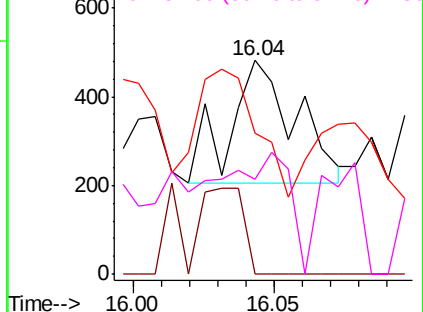


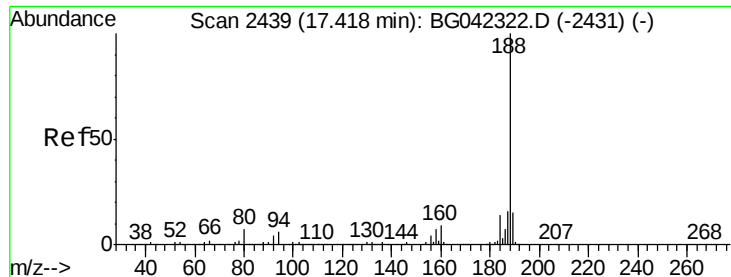
Abundance Ion 77.00 (76.70 to 77.70): BG

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BG





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2440

Delta R.T. 0.01 min

Lab File: BG042334.D

Acq: 19 Aug 2019 19:52

Instrument :

BNA_G

ClientSampleId :

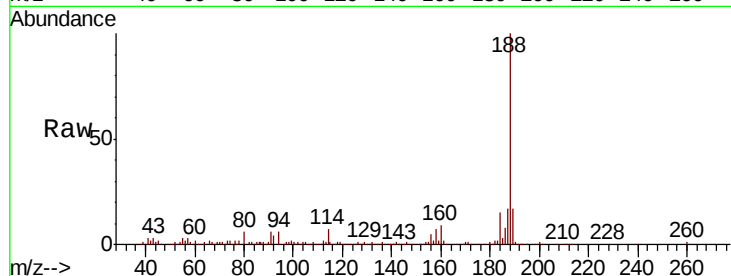
Tot Ion:188 Resp: 397102

Ion Ratio Lower Upper

188 100

94 5.8 4.9 7.3

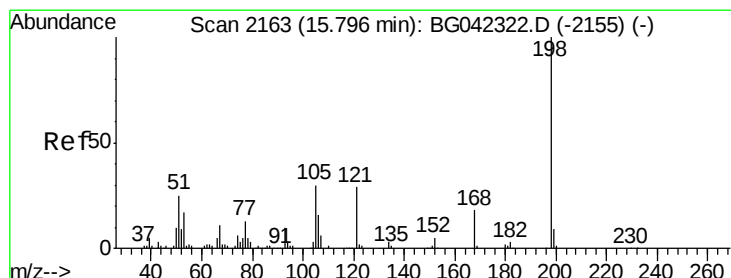
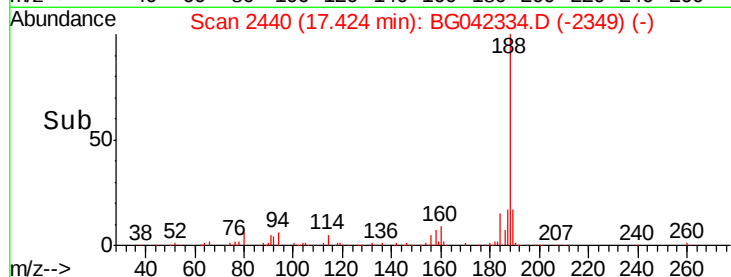
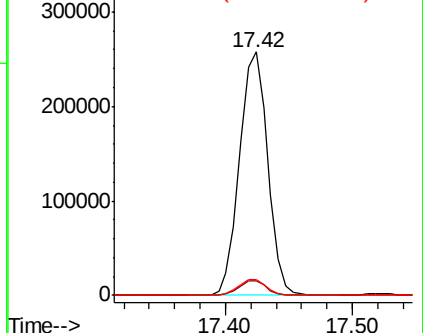
80 6.4 5.4 8.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#65

4,6-Dinitro-2-methylphenol

Concen: 0.053 ng

RT: 15.44 min Scan# 2103

Delta R.T. -0.35 min

Lab File: BG042334.D

Acq: 19 Aug 2019 19:52

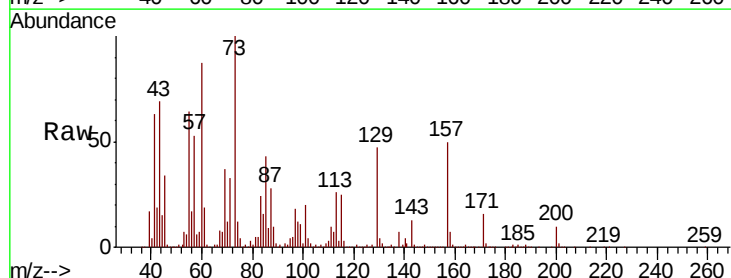
Tgt Ion:198 Resp: 129

Ion Ratio Lower Upper

198 100

51 6589.7 6.4 46.4#

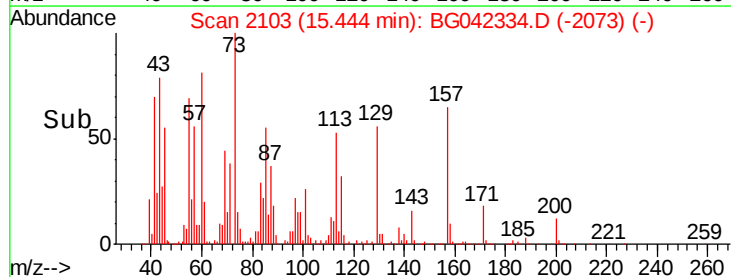
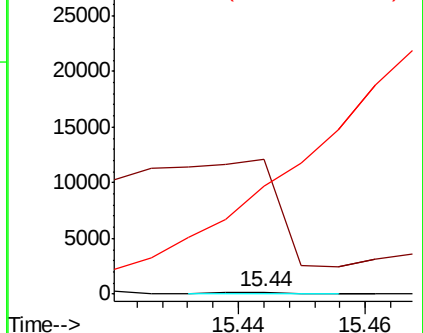
105 5246.2 10.0 50.0#

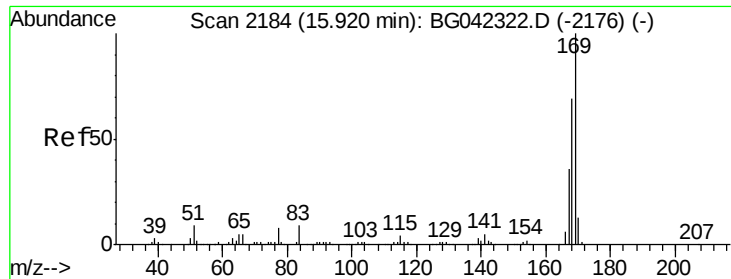


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

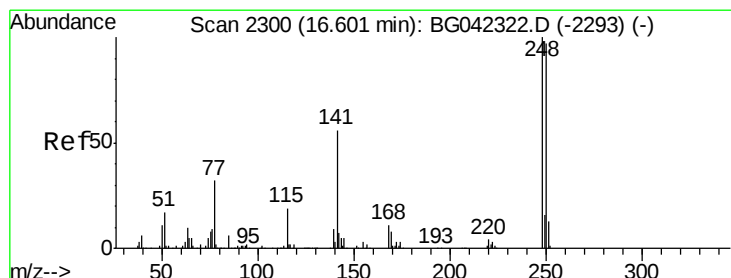
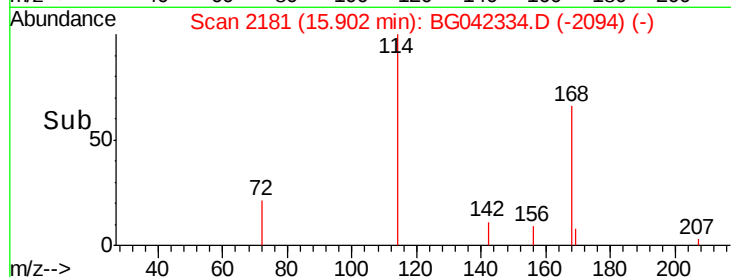
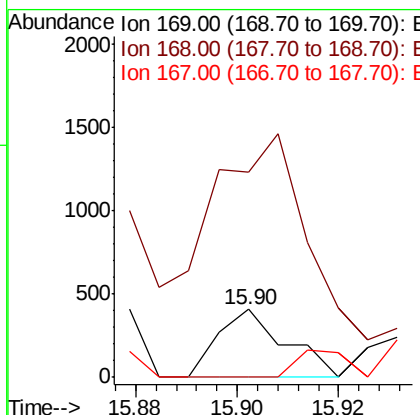
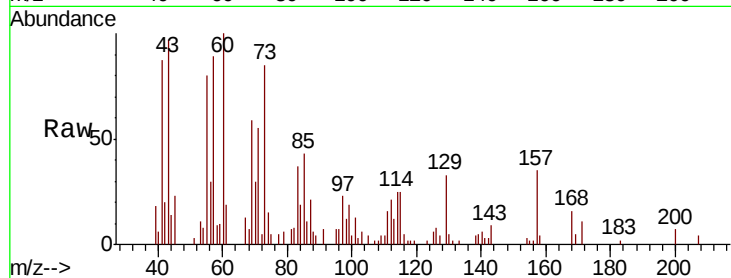




#66
 n-Nitrosodiphenylamine
 Concen: 0.034 ng
 RT: 15.90 min Scan# 2181
 Delta R.T. -0.02 min
 Lab File: BG042334.D
 Acq: 19 Aug 2019 19:52

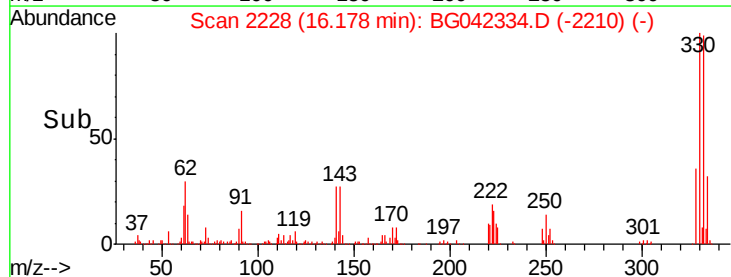
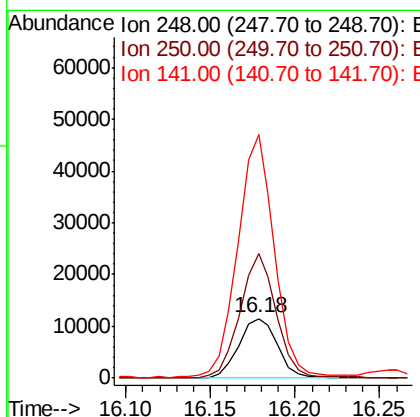
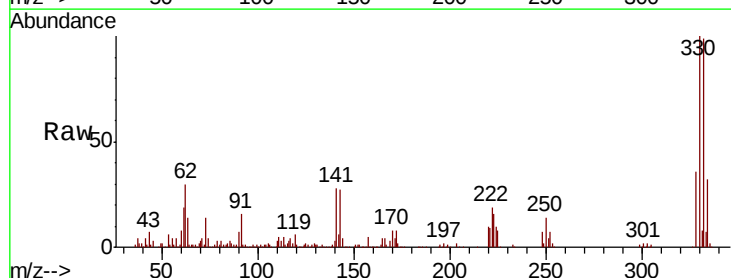
Instrument :
 BNA_G
 ClientSampleId :

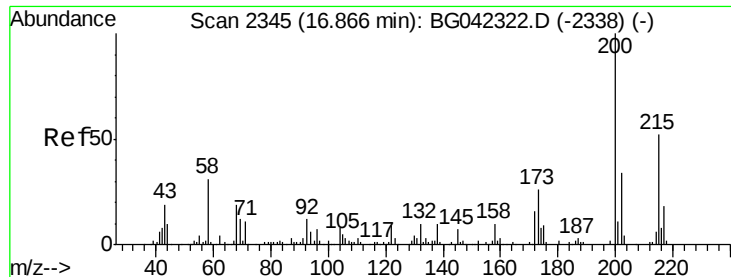
Tot Ion:169 Resp: 376
 Ion Ratio Lower Upper
 169 100
 168 302.7 55.5 83.3#
 167 0.0 28.9 43.3#



#67
 4-Bromophenyl-phenylether
 Concen: 3.613 ng
 RT: 16.18 min Scan# 2228
 Delta R.T. -0.42 min
 Lab File: BG042334.D
 Acq: 19 Aug 2019 19:52

Tgt Ion:248 Resp: 18256
 Ion Ratio Lower Upper
 248 100
 250 209.2 78.0 117.0#
 141 406.9 44.9 67.3#





#69

Atrazine

Concen: 1.046 ng

RT: 16.87 min Scan# 2346

Delta R.T. 0.01 min

Lab File: BG042334.D

Acq: 19 Aug 2019 19:52

Instrument :

BNA_G

ClientSampled :

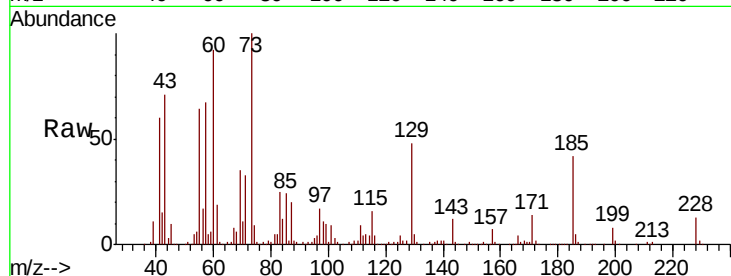
Tot Ion:200 Resp: 3984

Ion Ratio Lower Upper

200 100

173 17.6 6.0 46.0

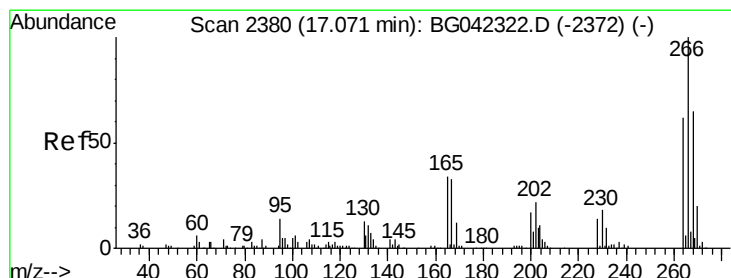
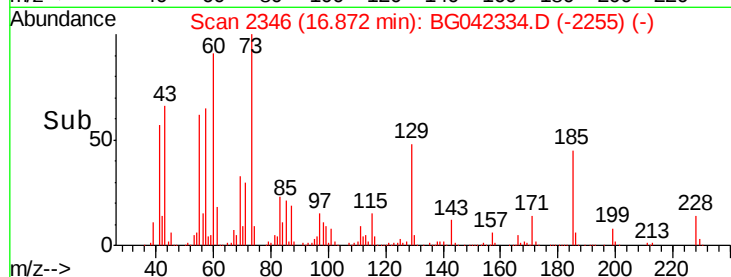
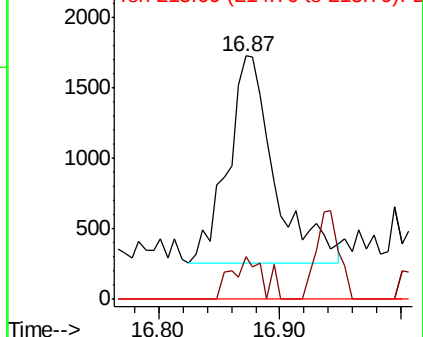
215 0.0 32.4 72.4#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 0.177 ng

RT: 17.10 min Scan# 2385

Delta R.T. 0.03 min

Lab File: BG042334.D

Acq: 19 Aug 2019 19:52

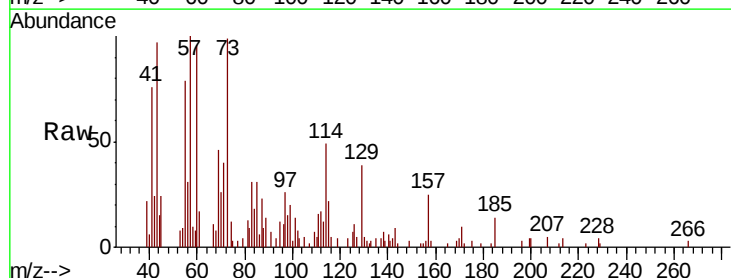
Tgt Ion:266 Resp: 509

Ion Ratio Lower Upper

266 100

268 0.0 51.6 77.4#

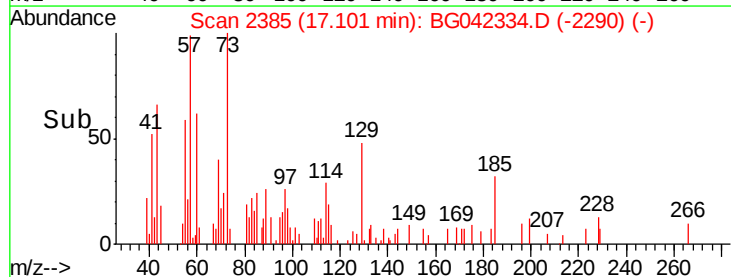
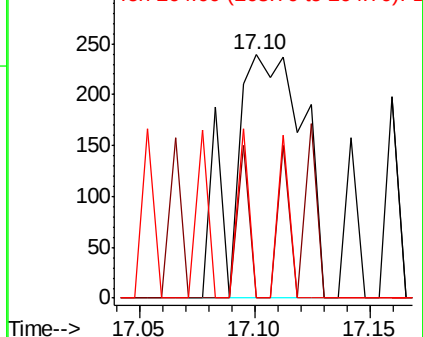
264 0.0 49.5 74.3#

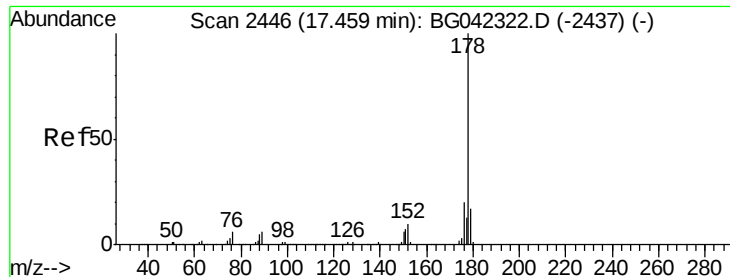


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 0.052 ng

RT: 17.47 min Scan# 2447

Delta R.T. 0.01 min

Lab File: BG042334.D

Acq: 19 Aug 2019 19:52

Instrument :

BNA_G

ClientSampled :

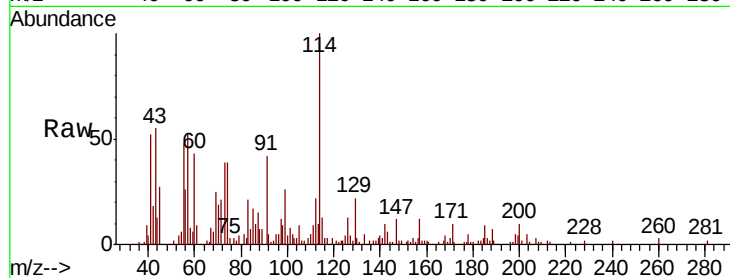
Tot Ion:178 Resp: 1019

Ion Ratio Lower Upper

178 100

176 23.0 16.2 24.4

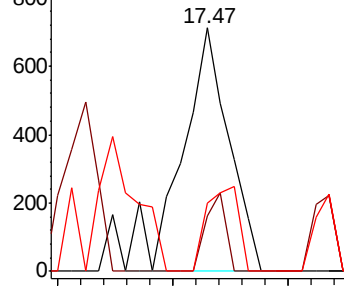
179 28.2 13.7 20.5#



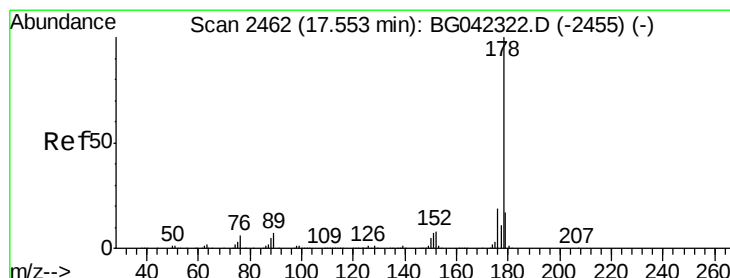
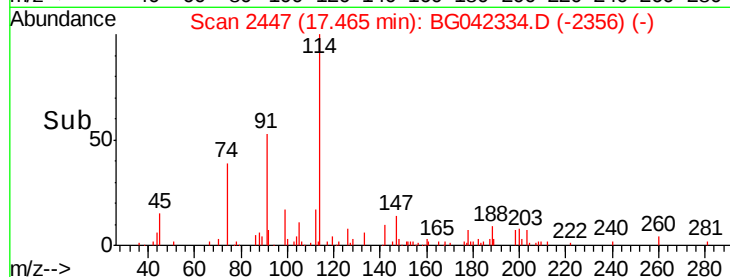
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#72

Anthracene

Concen: 0.035 ng

RT: 17.55 min Scan# 2462

Delta R.T. 0.00 min

Lab File: BG042334.D

Acq: 19 Aug 2019 19:52

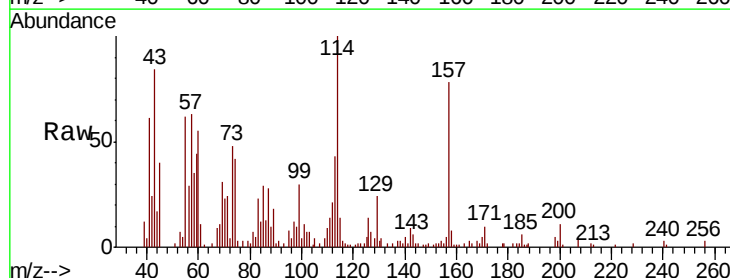
Tgt Ion:178 Resp: 698

Ion Ratio Lower Upper

178 100

176 0.0 15.5 23.3#

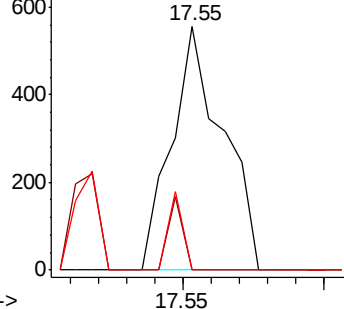
179 0.0 13.6 20.4#



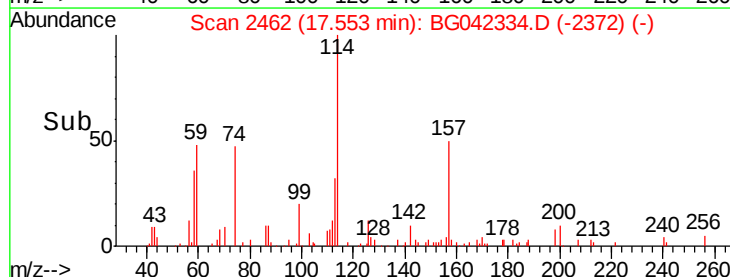
Abundance Ion 178.00 (177.70 to 178.70): E

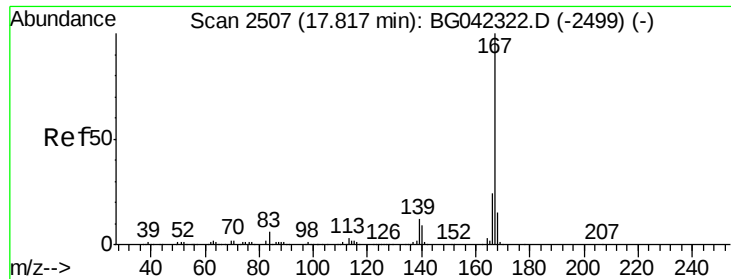
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->

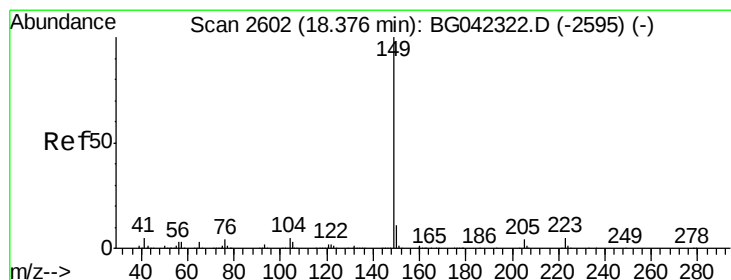
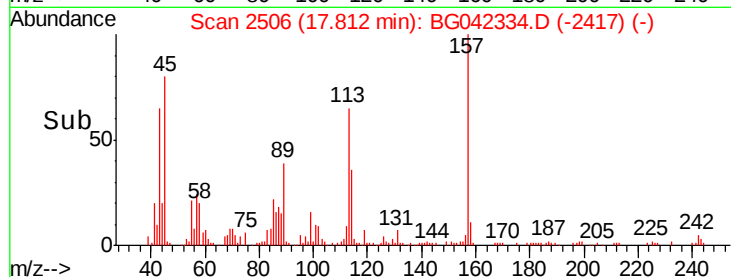
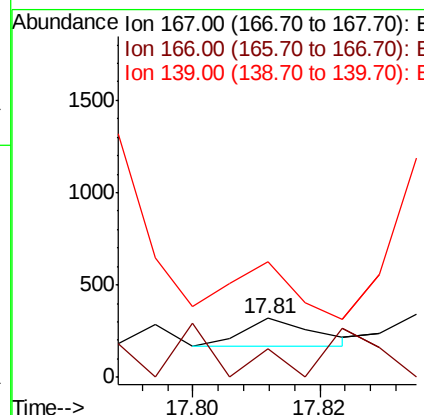
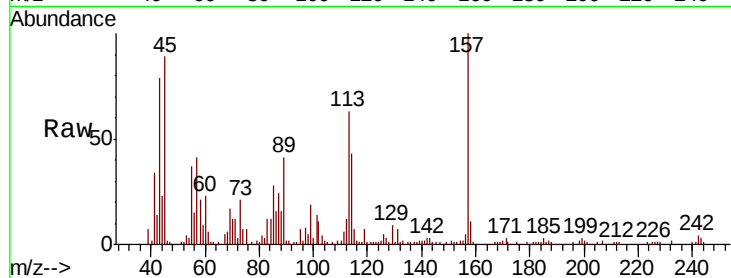




#73
 Carbazole
 Concen: 0.007 ng
 RT: 17.81 min Scan# 2506
 Delta R.T. -0.01 min
 Lab File: BG042334.D
 Acq: 19 Aug 2019 19:52

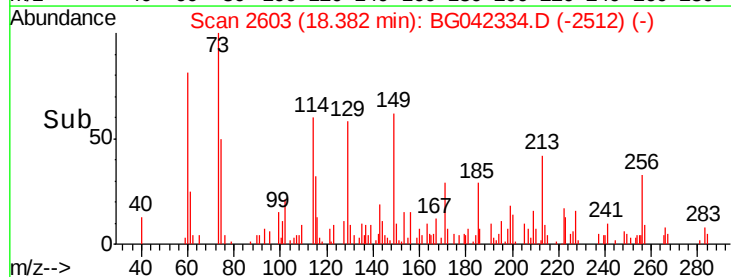
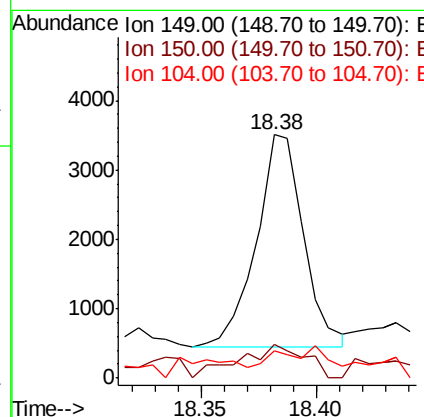
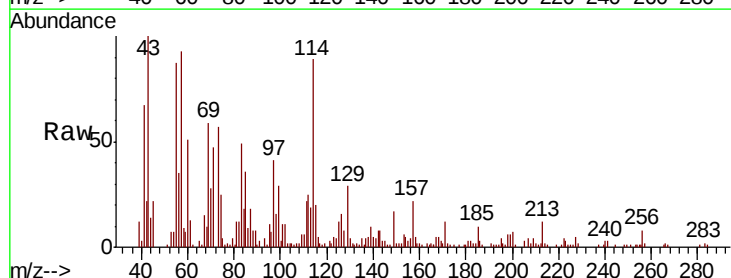
Instrument :
 BNA_G
 ClientSampled :

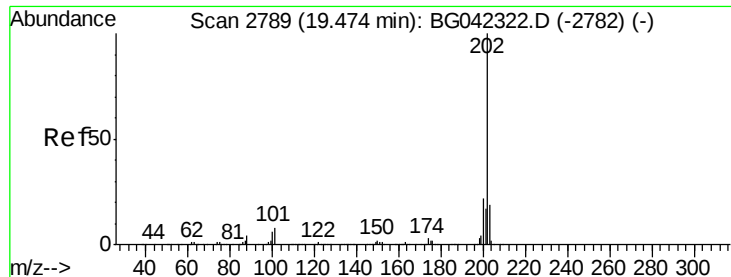
Tot Ion:167 Resp: 119
 Ion Ratio Lower Upper
 167 100
 166 48.1 19.0 28.6#
 139 194.7 9.7 14.5#



#74
 Di-n-butylphthalate
 Concen: 0.212 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. 0.01 min
 Lab File: BG042334.D
 Acq: 19 Aug 2019 19:52

Tgt Ion:149 Resp: 4333
 Ion Ratio Lower Upper
 149 100
 150 13.9 8.4 12.6#
 104 11.3 3.7 5.5#





#75

Fluoranthene

Concen: 1.568 ng

RT: 19.56 min Scan# 2804

Delta R.T. 0.09 min

Lab File: BG042334.D

Acq: 19 Aug 2019 19:52

Instrument :

BNA_G

ClientSampled :

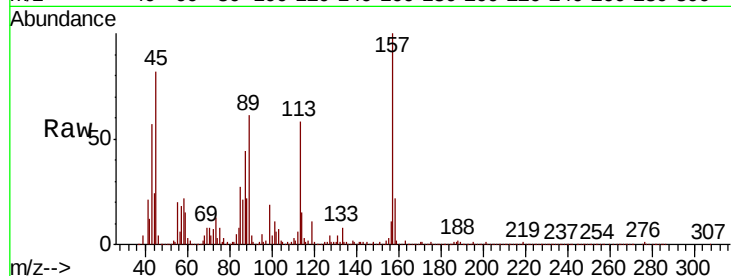
Tot Ion:202 Resp: 37407

Ion Ratio Lower Upper

202 100

101 2194.5 0.0 28.0#

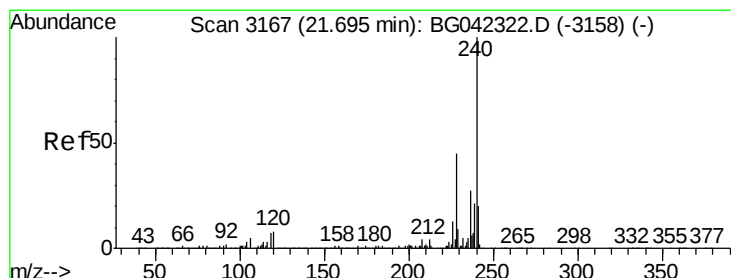
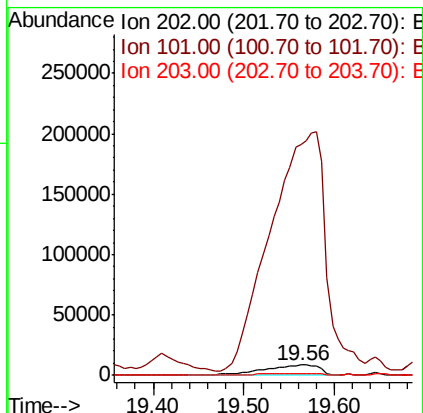
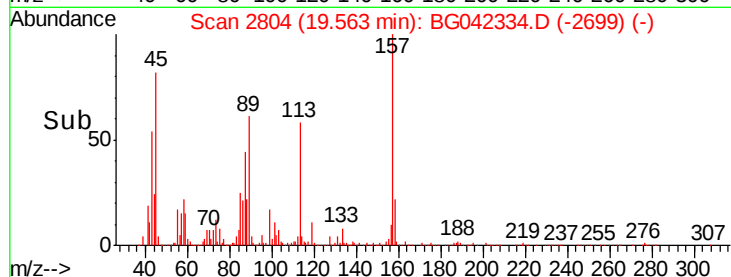
203 21.0 0.0 39.1



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# 3170

Delta R.T. 0.02 min

Lab File: BG042334.D

Acq: 19 Aug 2019 19:52

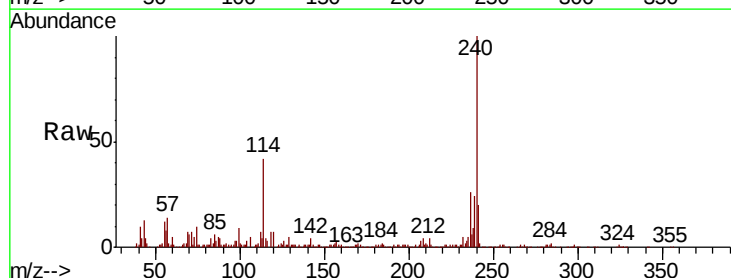
Tgt Ion:240 Resp: 417755

Ion Ratio Lower Upper

240 100

120 6.7 6.0 9.0

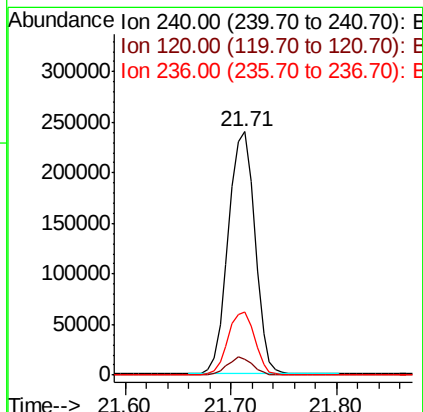
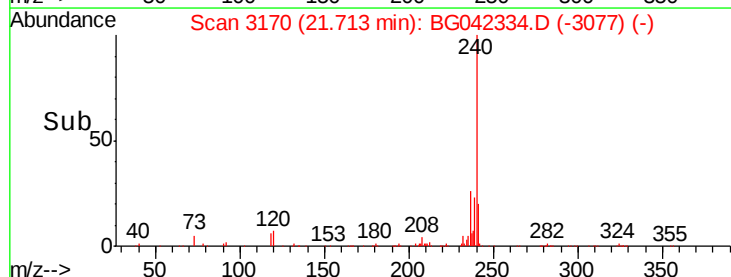
236 26.1 21.6 32.4

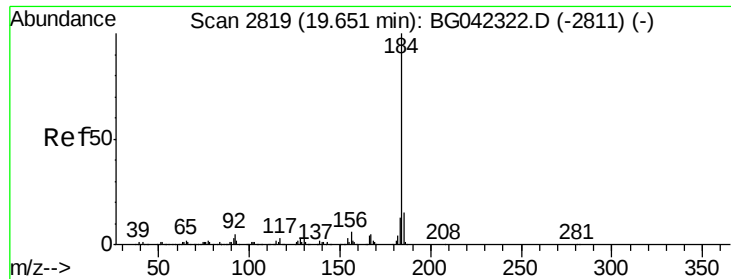


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

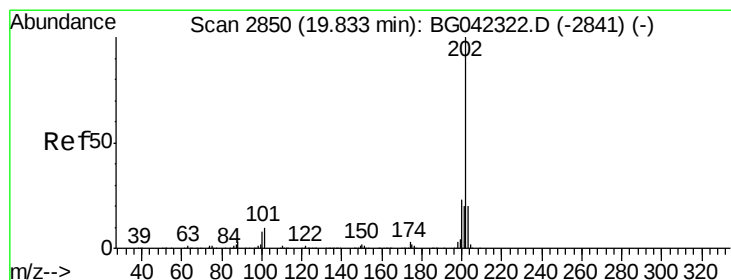
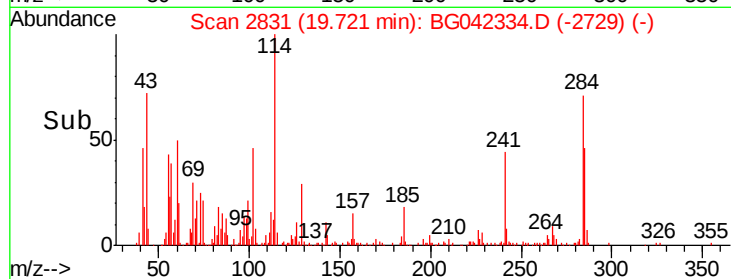
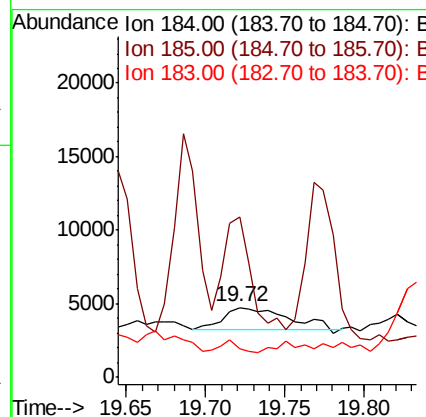
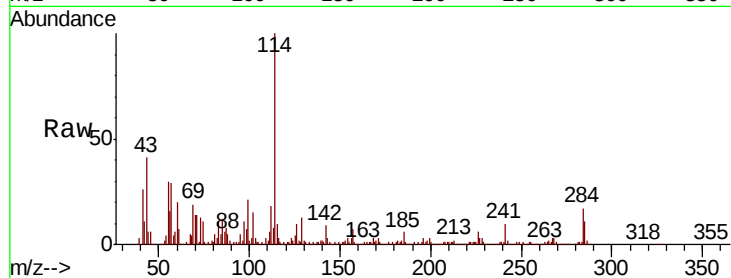




#77
Benzidine
Concen: 0.355 ng
RT: 19.72 min Scan# 2831
Delta R.T. 0.07 min
Lab File: BG042334.D
Acq: 19 Aug 2019 19:52

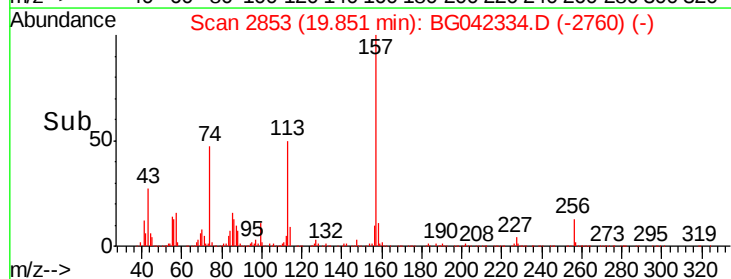
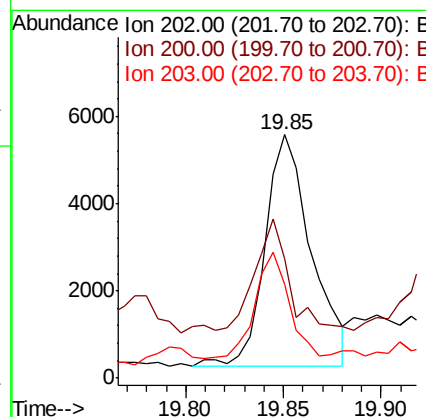
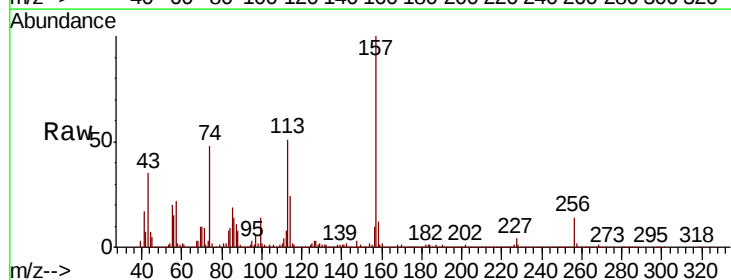
Instrument :
BNA_G
ClientSampleId :

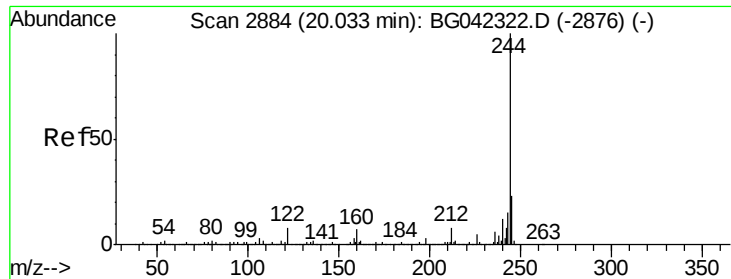
Tot Ion:184 Resp: 3937
Ion Ratio Lower Upper
184 100
185 228.1 11.8 17.6#
183 41.4 10.6 15.8#



#78
Pyrene
Concen: 0.340 ng
RT: 19.85 min Scan# 2853
Delta R.T. 0.02 min
Lab File: BG042334.D
Acq: 19 Aug 2019 19:52

Tgt Ion:202 Resp: 8732
Ion Ratio Lower Upper
202 100
200 48.8 18.1 27.1#
203 38.8 15.8 23.8#





#79

Terphenyl-d14

Concen: 58.349 ng

RT: 20.04 min Scan# 2886

Delta R.T. 0.01 min

Lab File: BG042334.D

Acq: 19 Aug 2019 19:52

Instrument :

BNA_G

ClientSampled :

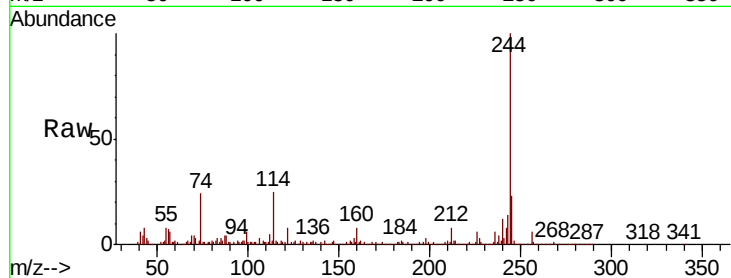
Tot Ion:244 Resp: 1112889

Ion Ratio Lower Upper

244 100

212 7.7 6.4 9.6

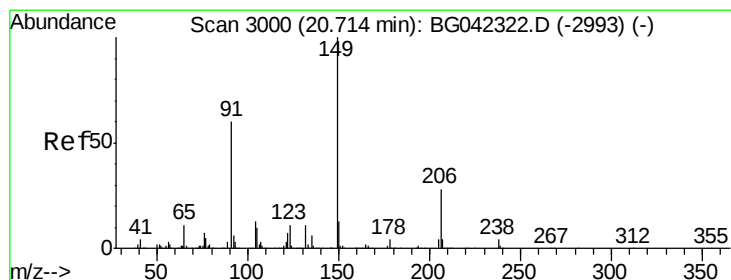
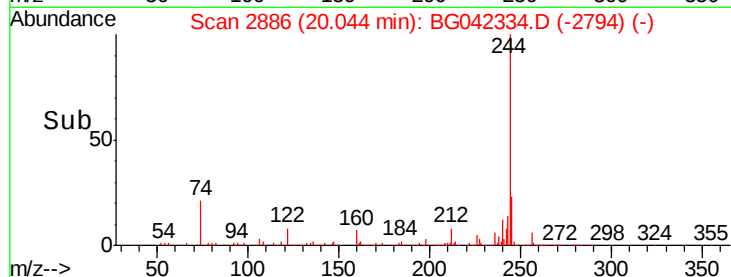
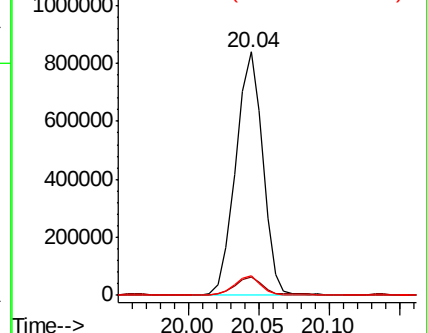
122 7.9 6.6 10.0



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: 0.276 ng

RT: 20.72 min Scan# 3001

Delta R.T. 0.01 min

Lab File: BG042334.D

Acq: 19 Aug 2019 19:52

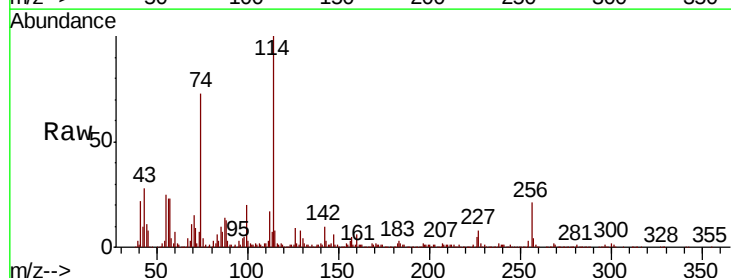
Tgt Ion:149 Resp: 2808

Ion Ratio Lower Upper

149 100

91 126.2 47.8 71.6#

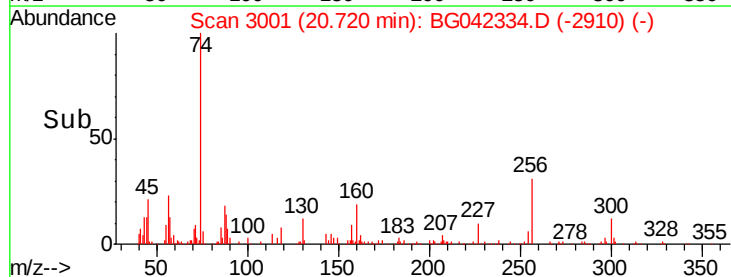
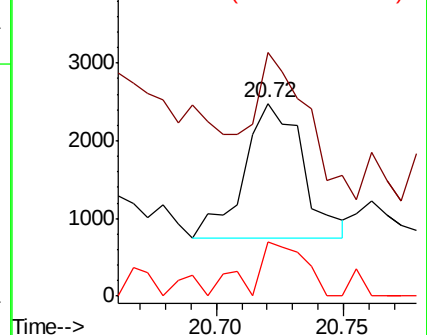
206 28.0 22.6 33.8

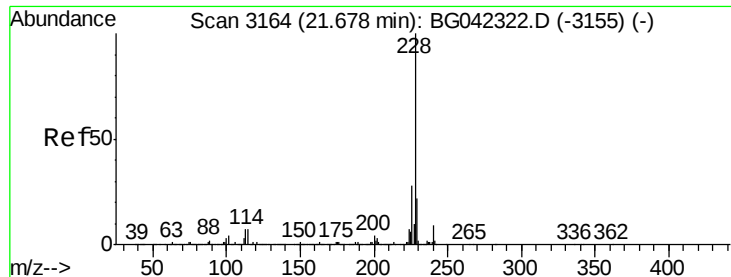


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.233 ng

RT: 21.70 min Scan# 3167

Delta R.T. 0.02 min

Lab File: BG042334.D

Acq: 19 Aug 2019 19:52

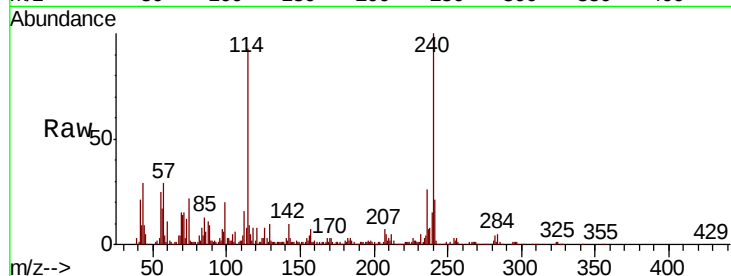
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 5977

Ion	Ratio	Lower	Upper
228	100		
226	165.0	22.7	34.1#
229	28.8	17.4	26.2#

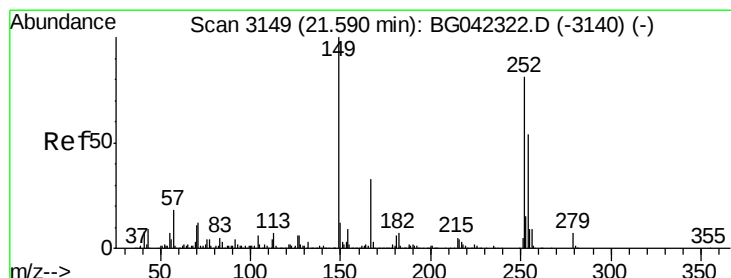
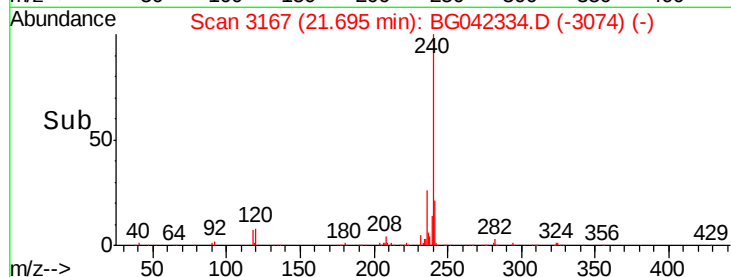
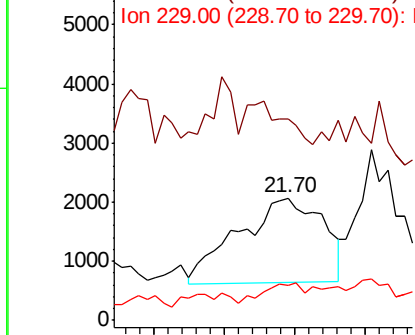


Abundance

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



#82

3,3'-Dichlorobenzidine

Concen: 0.009 ng

RT: 21.58 min Scan# 3148

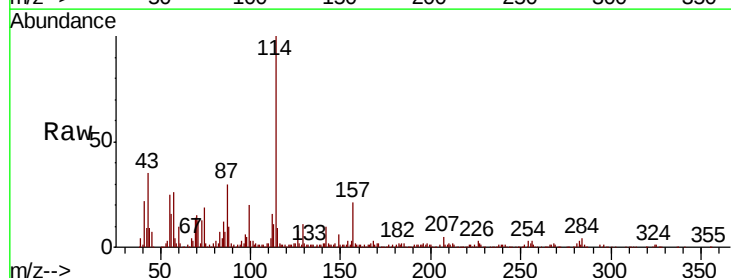
Delta R.T. -0.01 min

Lab File: BG042334.D

Acq: 19 Aug 2019 19:52

Tgt Ion:252 Resp: 91

Ion	Ratio	Lower	Upper
252	100		
254	304.6	53.0	79.6#
126	886.8	6.2	9.2#

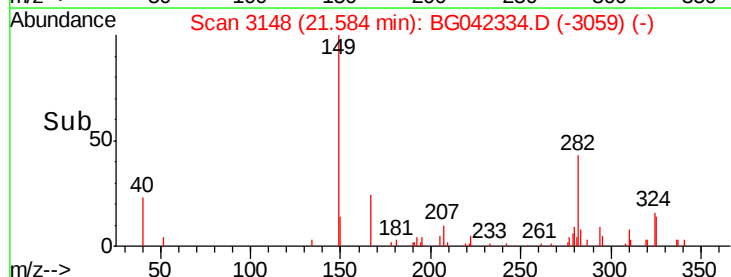
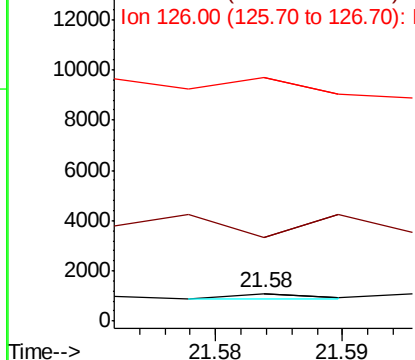


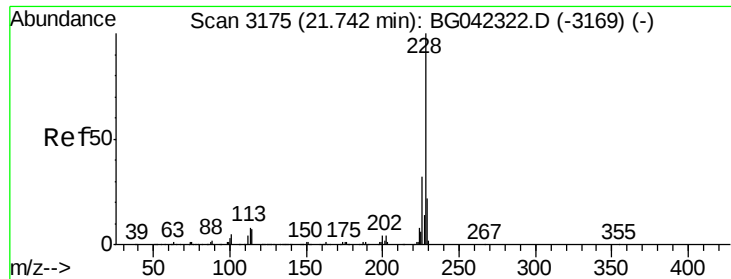
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 0.177 ng

RT: 21.75 min Scan# 3177

Delta R.T. 0.01 min

Lab File: BG042334.D

Acq: 19 Aug 2019 19:52

Instrument :

BNA_G

ClientSampled :

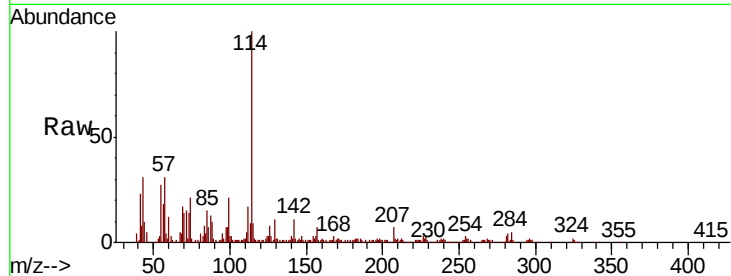
Tot Ion:228 Resp: 4346

Ion Ratio Lower Upper

228 100

226 103.9 25.6 38.4#

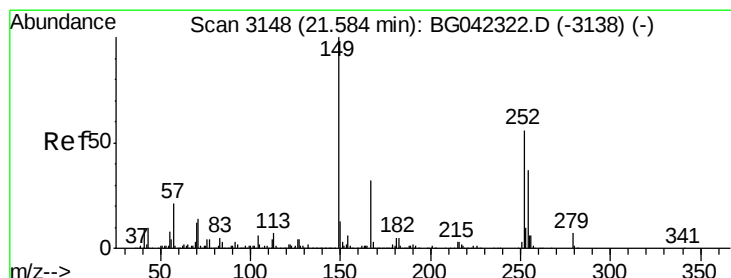
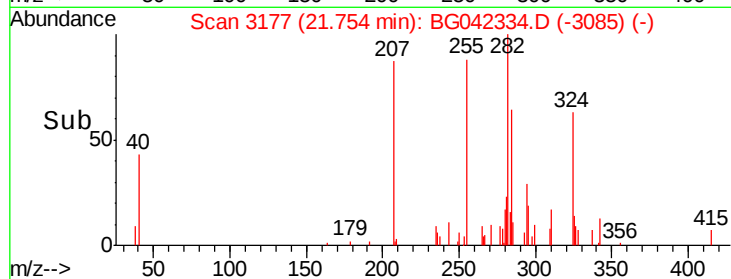
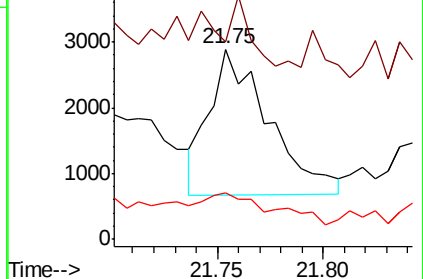
229 24.5 17.8 26.6



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: 1.082 ng

RT: 21.60 min Scan# 3150

Delta R.T. 0.01 min

Lab File: BG042334.D

Acq: 19 Aug 2019 19:52

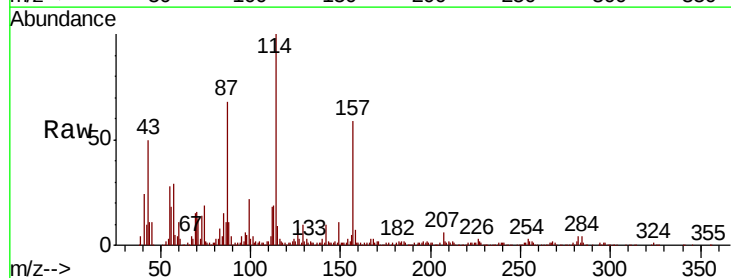
Tgt Ion:149 Resp: 15366

Ion Ratio Lower Upper

149 100

167 30.7 25.4 38.0

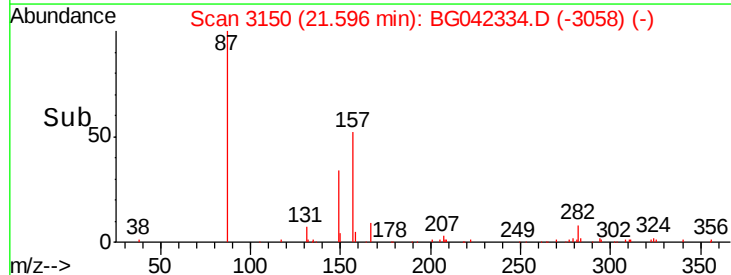
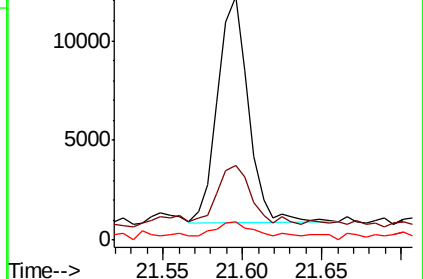
279 7.6 5.8 8.6

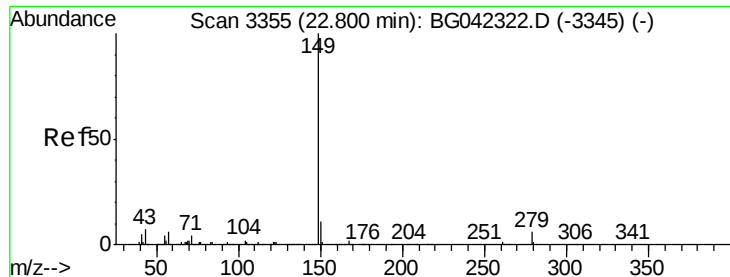


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 0.231 ng

RT: 22.83 min Scan# 3360

Delta R.T. 0.03 min

Lab File: BG042334.D

Acq: 19 Aug 2019 19:52

Instrument :

BNA_G

ClientSampleId :

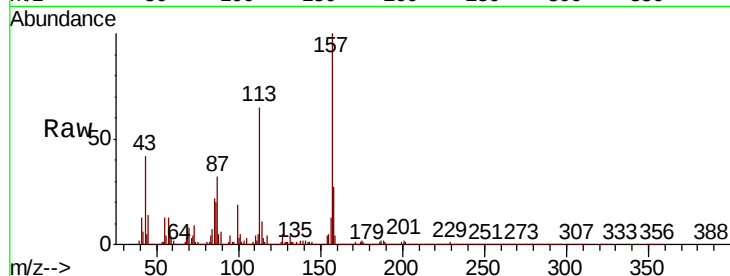
Tot Ion:149 Resp: 5605

Ion Ratio Lower Upper

149 100

167 96.5 1.4 2.2#

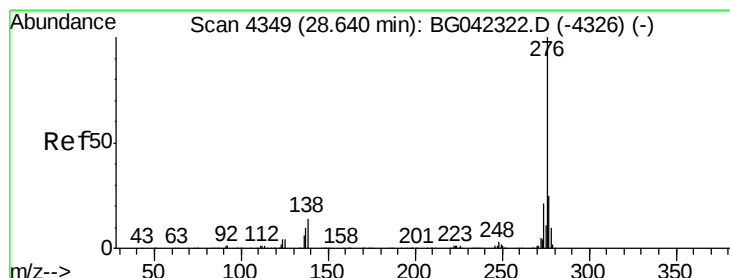
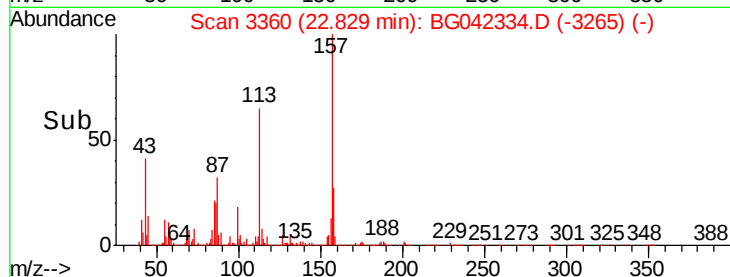
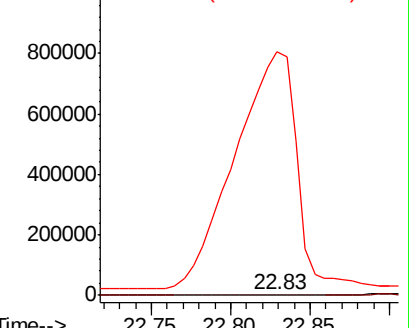
43 38876.2 5.4 8.2#



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: 0.017 ng

RT: 28.66 min Scan# 4353

Delta R.T. 0.02 min

Lab File: BG042334.D

Acq: 19 Aug 2019 19:52

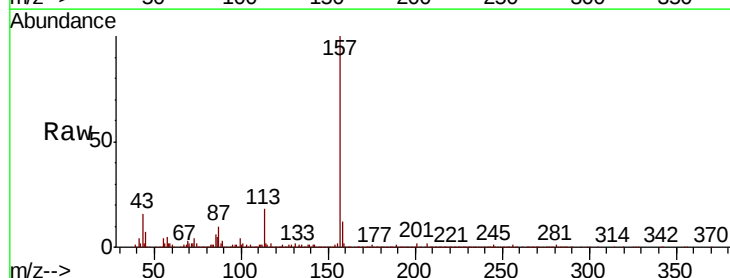
Tgt Ion:276 Resp: 566

Ion Ratio Lower Upper

276 100

138 0.0 14.5 21.7#

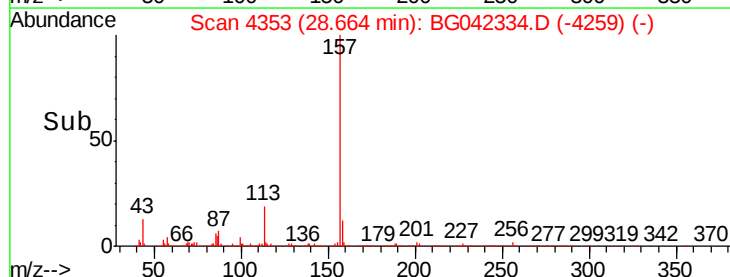
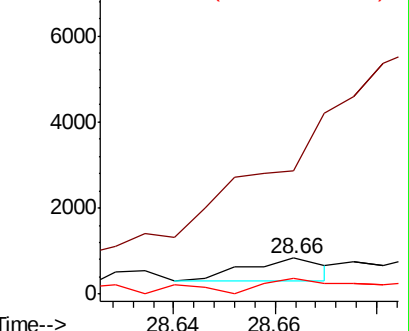
277 83.4 21.0 31.4#

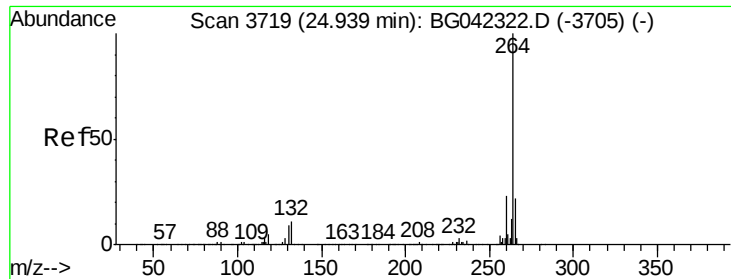


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

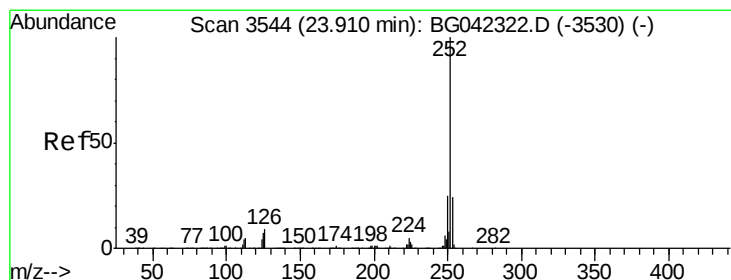
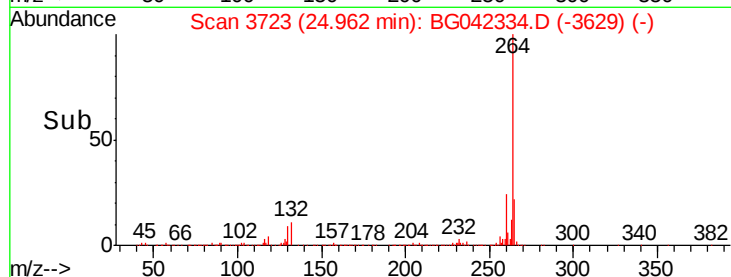
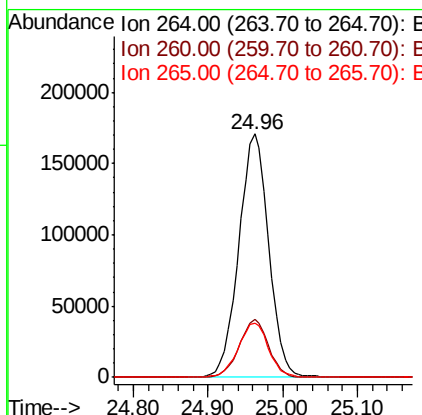
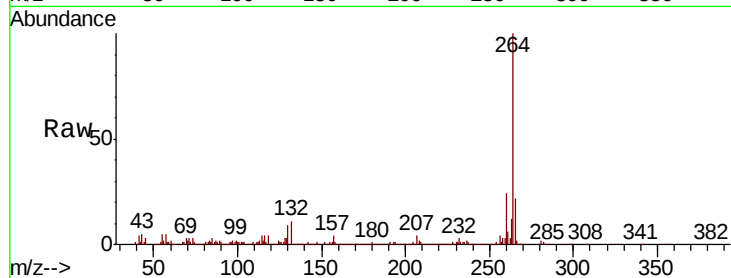




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.96 min Scan# 3723
Delta R.T. 0.02 min
Lab File: BG042334.D
Acq: 19 Aug 2019 19:52

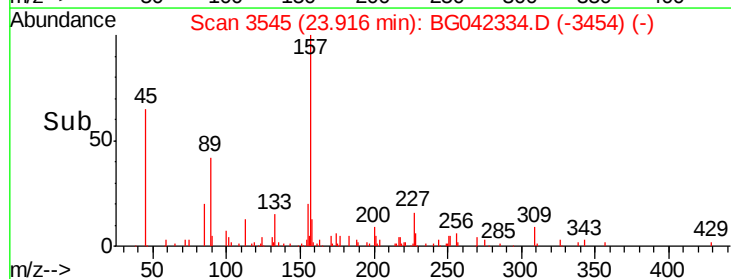
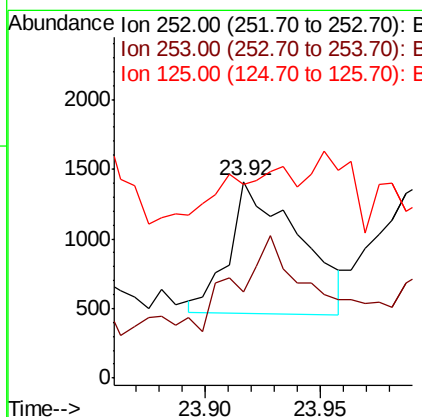
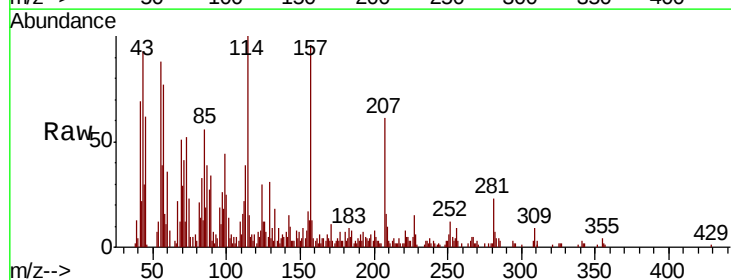
Instrument :
BNA_G
ClientSampled :

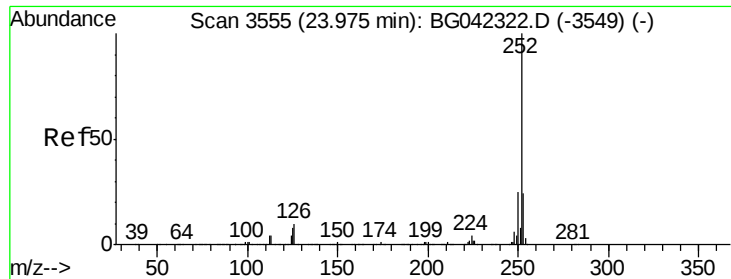
Tot Ion:264 Resp: 471454
Ion Ratio Lower Upper
264 100
260 23.8 18.4 27.6
265 22.0 17.4 26.0



#88
Benzo(b)fluoranthene
Concen: 0.077 ng
RT: 23.92 min Scan# 3545
Delta R.T. 0.01 min
Lab File: BG042334.D
Acq: 19 Aug 2019 19:52

Tgt Ion:252 Resp: 1992
Ion Ratio Lower Upper
252 100
253 43.9 18.9 28.3#
125 98.2 5.8 8.6#

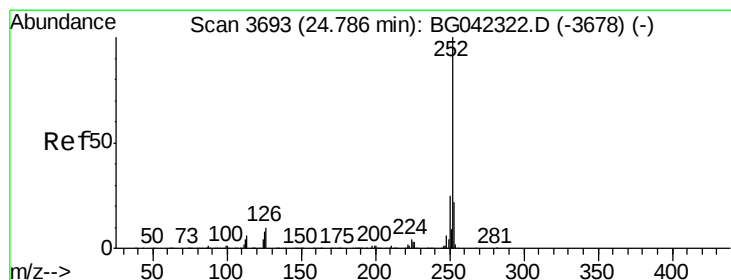
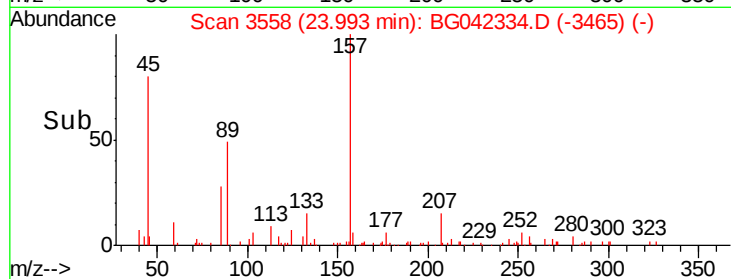
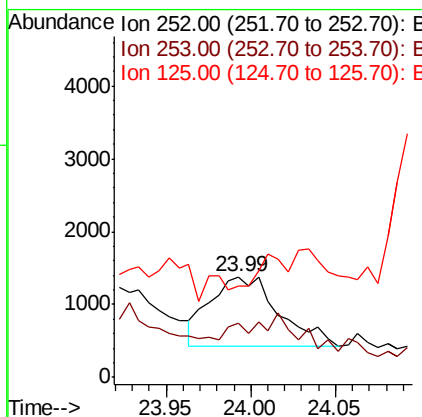
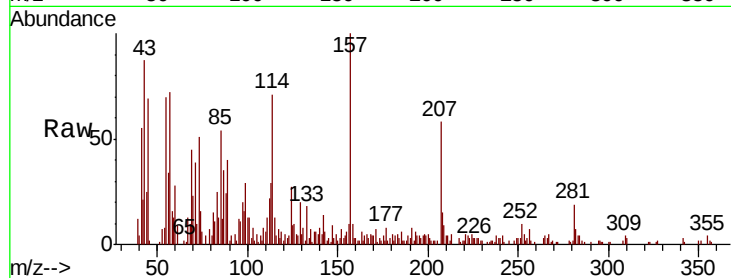




#89
Benzo(k)fluoranthene
Concen: 0.106 ng
RT: 23.99 min Scan# 3558
Delta R.T. 0.02 min
Lab File: BG042334.D
Acq: 19 Aug 2019 19:52

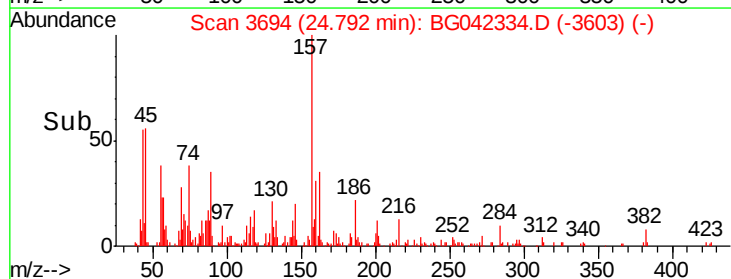
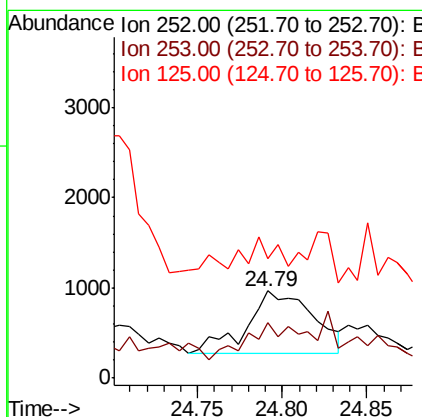
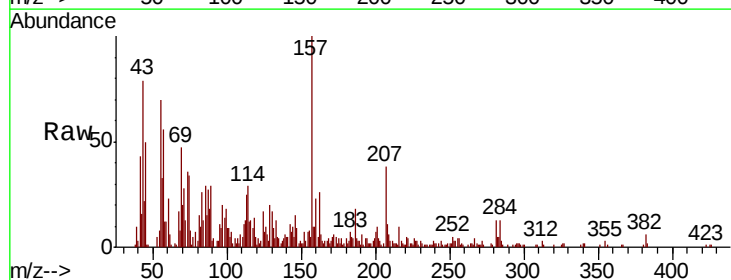
Instrument :
BNA_G
ClientSampleId :

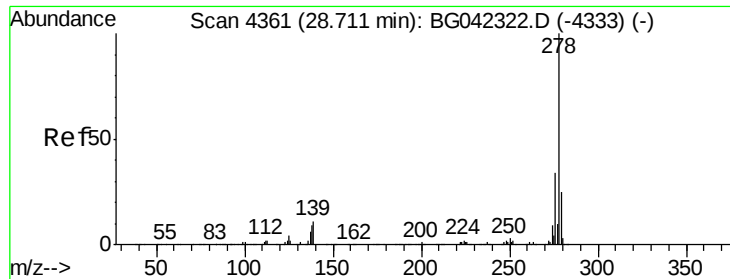
Tot Ion:252 Resp: 2692
Ion Ratio Lower Upper
252 100
253 53.5 19.0 28.4#
125 90.6 6.0 9.0#



#90
Benzo(a)pyrene
Concen: 0.077 ng
RT: 24.79 min Scan# 3694
Delta R.T. 0.01 min
Lab File: BG042334.D
Acq: 19 Aug 2019 19:52

Tgt Ion:252 Resp: 1917
Ion Ratio Lower Upper
252 100
253 64.2 17.9 26.9#
125 137.1 6.7 10.1#

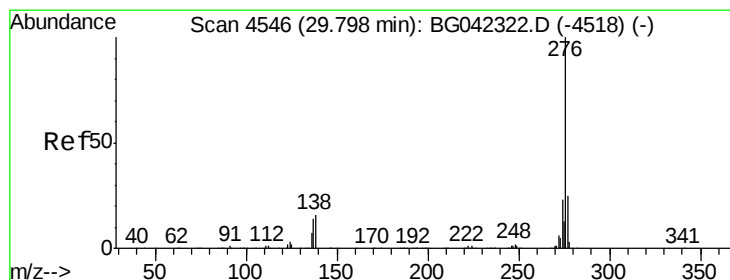
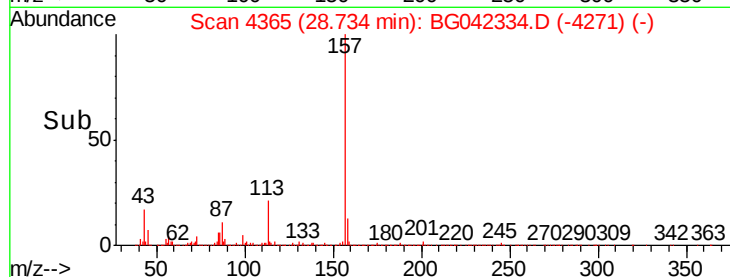
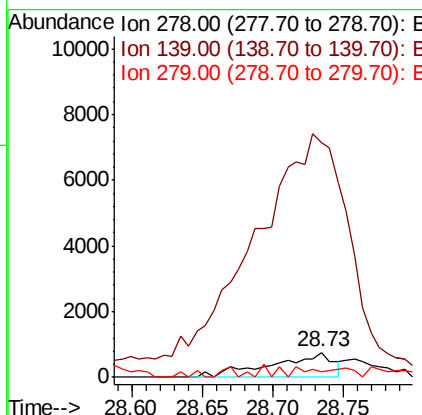
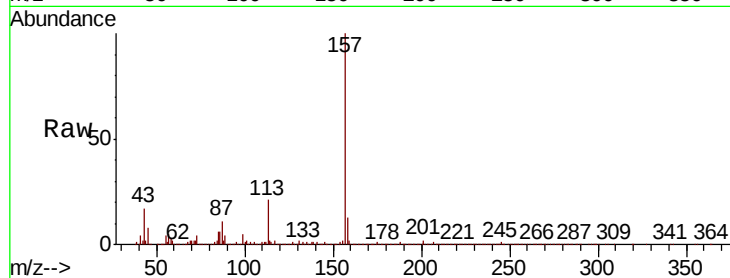




#91
Dibenzo(a,h)anthracene
Concen: 0.090 ng
RT: 28.73 min Scan# 4365
Delta R.T. 0.02 min
Lab File: BG042334.D
Acq: 19 Aug 2019 19:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	923.6	8.5	12.7#
279	20.6	19.8	29.8



#92
Benzo(g,h,i)perylene
Concen: 0.064 ng
RT: 29.83 min Scan# 4552
Delta R.T. 0.04 min
Lab File: BG042334.D
Acq: 19 Aug 2019 19:52

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.8	29.8
138	42.9	12.8	19.2#

