

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010220\
 Data File : BG043873.D
 Acq On : 2 Jan 2020 13:42
 Operator : JU
 Sample : K5111-01
 Misc : LOD-MDL SOIL 5PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 02 15:27:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	123213	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	541951	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	369773	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	807208	20.00	ng	0.00
76) Chrysene-d12	21.59	240	688317	20.00	ng	0.00
87) Perylene-d12	24.72	264	759246	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	975890	145.43	ng	0.00
7) Phenol-d6	7.12	99	1324689	141.22	ng	0.00
23) Nitrobenzene-d5	9.12	82	990305	97.75	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	559872	144.68	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	2128489	104.29	ng	0.00
79) Terphenyl-d14	19.96	244	2810903	104.29	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.44	88	17720	6.056	ng	89
3) Pyridine	3.84	79	39836	4.609	ng	98
4) n-Nitrosodimethylamine	3.75	42	18476	4.801	ng	# 98
6) Aniline	7.29	93	62287	5.056	ng	98
8) 2-Chlorophenol	7.53	128	39964	5.073	ng	94
9) Benzaldehyde	7.10	77	39580	6.593	ng	95
10) Phenol	7.15	94	50245	5.199	ng	86
11) bis(2-Chloroethyl)ether	7.38	93	42191	5.057	ng	92
12) 1,3-Dichlorobenzene	7.86	146	45172	4.900	ng	97
13) 1,4-Dichlorobenzene	8.00	146	47217	5.191	ng	93
14) 1,2-Dichlorobenzene	8.32	146	44494	5.096	ng	96
15) Benzyl Alcohol	8.20	79	35571	4.805	ng	88
16) 2,2'-oxybis(1-Chloropropan	8.50	45	61255	4.746	ng	98
17) 2-Methylphenol	8.40	107	32785	4.688	ng	99
18) Hexachloroethane	9.05	117	17407	4.918	ng	88
19) n-Nitroso-di-n-propylamine	8.77	70	34232	4.900	ng	98
20) 3+4-Methylphenols	8.73	107	46469	4.763	ng	96
22) Acetophenone	8.78	105	66557	4.940	ng	# 95
24) Nitrobenzene	9.16	77	51961	5.179	ng	98
25) Isophorone	9.69	82	92491	4.866	ng	99
26) 2-Nitrophenol	9.88	139	18404	3.877	ng	95
27) 2,4-Dimethylphenol	9.94	122	36809	5.151	ng	94
28) bis(2-Chloroethoxy)methane	10.17	93	60859	4.803	ng	98
29) 2,4-Dichlorophenol	10.41	162	36905	4.330	ng	96
30) 1,2,4-Trichlorobenzene	10.63	180	44364	4.642	ng	99
31) Naphthalene	10.82	128	140930	5.374	ng	99
32) Benzoic acid	9.99	122	5785	7.126	ng	# 67
33) 4-Chloroaniline	10.92	127	58622	4.686	ng	96
34) Hexachlorobutadiene	11.12	225	26139	4.480	ng	95
35) Caprolactam	11.65	113	13802	4.350	ng	92
36) 4-Chloro-3-methylphenol	12.04	107	41452	4.568	ng	96
37) 2-Methylnaphthalene	12.42	142	108116	5.476	ng	93
38) 1-Methylnaphthalene	12.64	142	102898	5.499	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	51568	4.758	ng	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	23790	4.234	ng	97
43) 2,4,6-Trichlorophenol	13.03	196	30479	4.087	ng	97
44) 2,4,5-Trichlorophenol	13.10	196	32725	4.255	ng	95
46) 1,1'-Biphenyl	13.43	154	141720	5.345	ng	95
47) 2-Chloronaphthalene	13.48	162	103585	4.835	ng	93
48) 2-Nitroaniline	13.66	65	26865	3.898	ng	97
49) Acenaphthylene	14.32	152	171245	5.561	ng	96
50) Dimethylphthalate	14.05	163	137399	5.233	ng	97
51) 2,6-Dinitrotoluene	14.16	165	26432	4.454	ng	99
52) Acenaphthene	14.66	154	106284	4.922	ng	99
53) 3-Nitroaniline	14.49	138	27651	4.103	ng	98
54) 2,4-Dinitrophenol	14.69	184	4788	6.958	ng	# 81
55) Dibenzofuran	14.99	168	172904	5.816	ng	93
56) 4-Nitrophenol	14.79	139	17731	3.434	ng	95
57) 2,4-Dinitrotoluene	14.94	165	34519	4.275	ng	89
58) Fluorene	15.64	166	134988	5.729	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.22	232	28990	4.383	ng	# 99
60) Diethylphthalate	15.41	149	144751	5.512	ng	94
61) 4-Chlorophenyl-phenylether	15.64	204	68042	5.318	ng	99
62) 4-Nitroaniline	15.64	138	28974	4.354	ng	96
63) Azobenzene	15.93	77	136911	5.622	ng	96
65) 4,6-Dinitro-2-methylphenol	15.71	198	10830	6.756	ng	95
66) n-Nitrosodiphenylamine	15.85	169	120159	5.055	ng	98
67) 4-Bromophenyl-phenylether	16.53	248	40447	4.455	ng	93
68) Hexachlorobenzene	16.65	284	44887	4.589	ng	94
69) Atrazine	16.79	200	36556	4.731	ng	99
70) Pentachlorophenol	16.99	266	13112	2.431	ng	94
71) Phenanthrene	17.38	178	221190	5.713	ng	95
72) Anthracene	17.47	178	217932	5.695	ng	94
73) Carbazole	17.73	167	194968	5.516	ng	94
74) Di-n-butylphthalate	18.31	149	229372	5.083	ng	# 92
75) Fluoranthene	19.39	202	246567	5.568	ng	94
77) Benzidine	19.56	184	78006	4.509	ng	95
78) Pyrene	19.39	202	246567	5.488	ng	91
80) Butylbenzylphthalate	20.64	149	87123	4.073	ng	98
81) Benzo(a)anthracene	21.57	228	237087	5.555	ng	92
82) 3,3'-Dichlorobenzidine	21.49	252	82236	4.877	ng	97
83) Chrysene	21.64	228	220706	5.442	ng	92
84) Bis(2-ethylhexyl)phthalate	21.50	149	139010	4.710	ng	92
85) Di-n-octyl phthalate	22.69	149	216564	4.365	ng	97
86) Indeno(1,2,3-cd)pyrene	28.25	276	245079	4.447	ng	# 89
88) Benzo(b)fluoranthene	23.73	252	220677	4.917	ng	94
89) Benzo(k)fluoranthene	23.79	252	228287	5.348	ng	98
90) Benzo(a)pyrene	24.57	252	200708	4.738	ng	97
91) Dibenzo(a,h)anthracene	28.32	278	207721	4.882	ng	96
92) Benzo(g,h,i)perylene	29.36	276	204552	4.840	ng	97

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

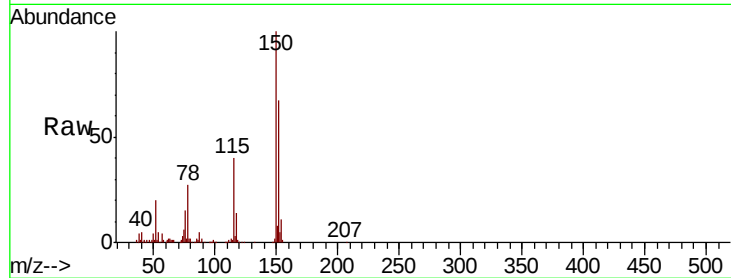


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG043873.D
Acq: 2 Jan 2020 13:42

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.2	127.0	190.4
115	58.8	47.8	71.8

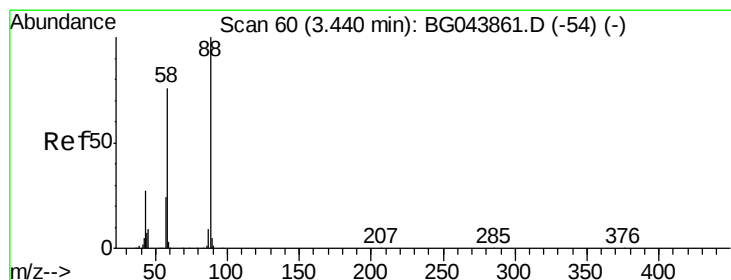
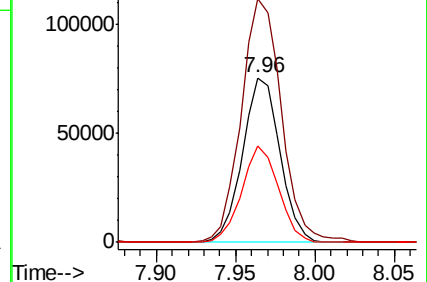
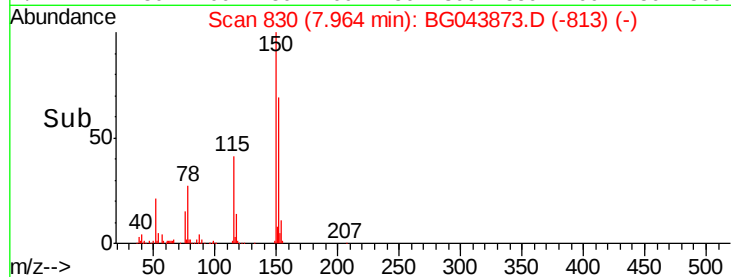


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

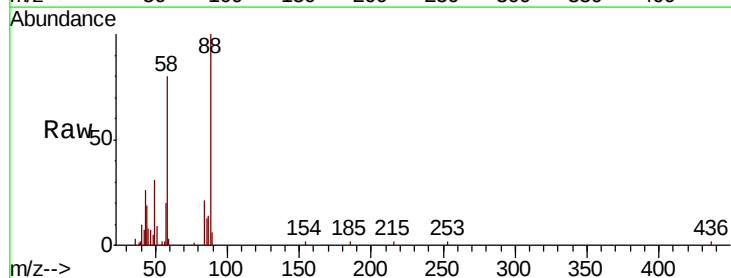
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 6.056 ng
RT: 3.44 min Scan# 60
Delta R.T. -0.00 min
Lab File: BG043873.D
Acq: 2 Jan 2020 13:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.8	59.8	89.8
43	23.7	22.9	34.3

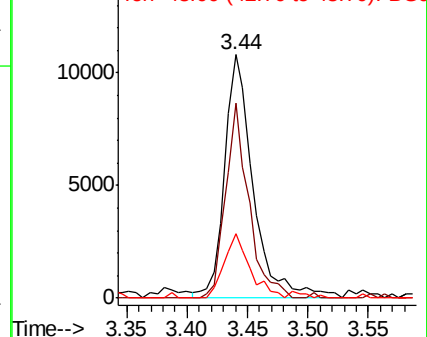
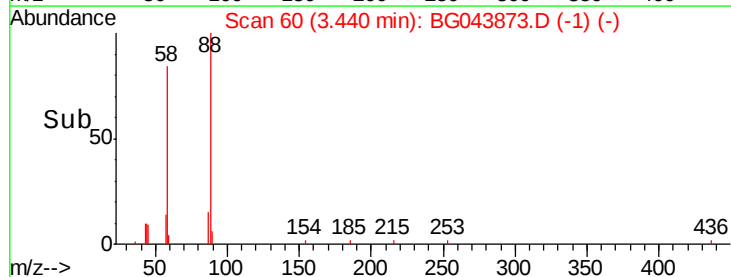


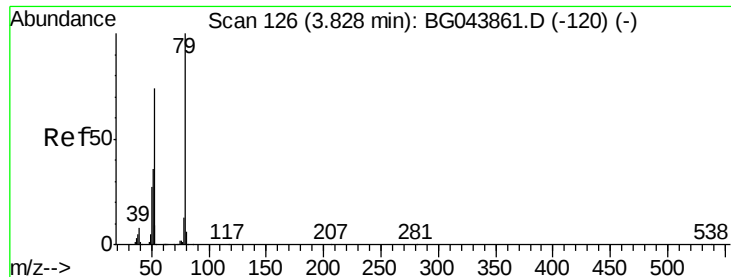
Abundance

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: 4.609 ng

RT: 3.84 min Scan# 128

Delta R.T. 0.01 min

Lab File: BG043873.D

Acq: 2 Jan 2020 13:42

Instrument :

BNA_G

ClientSampleId :

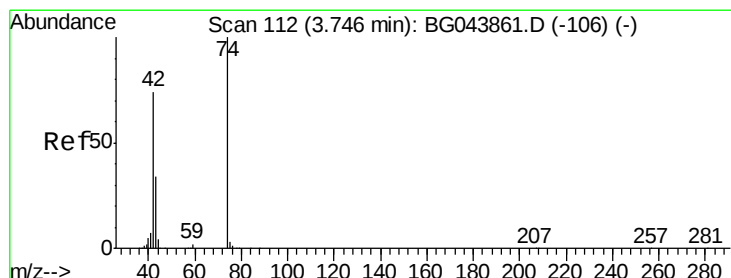
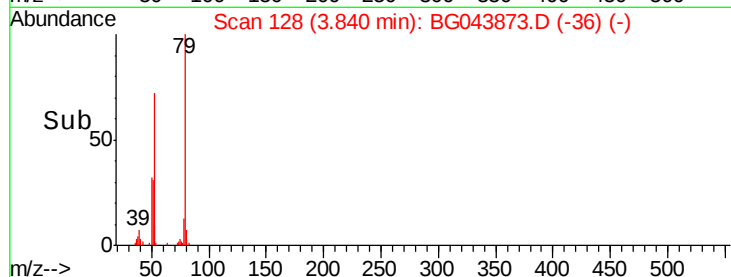
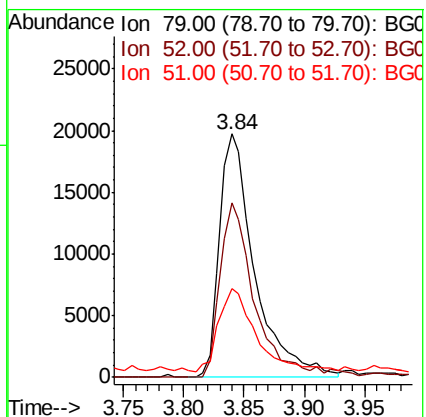
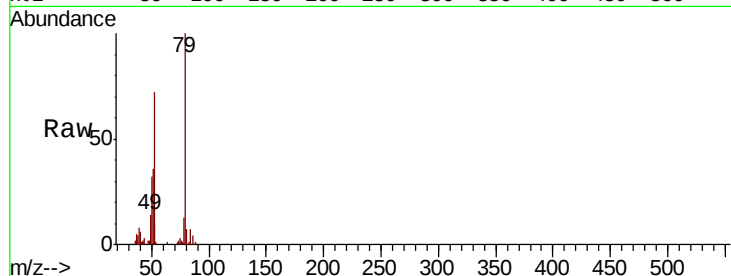
Tot Ion: 79 Resp: 39836

Ion Ratio Lower Upper

79 100

52 71.8 58.9 88.3

51 36.3 28.6 43.0



#4

n-Nitrosodimethylamine

Concen: 4.801 ng

RT: 3.75 min Scan# 113

Delta R.T. 0.01 min

Lab File: BG043873.D

Acq: 2 Jan 2020 13:42

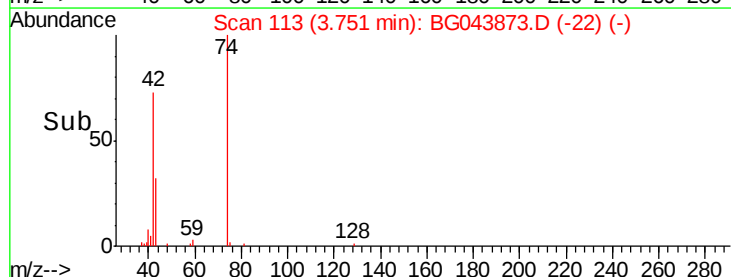
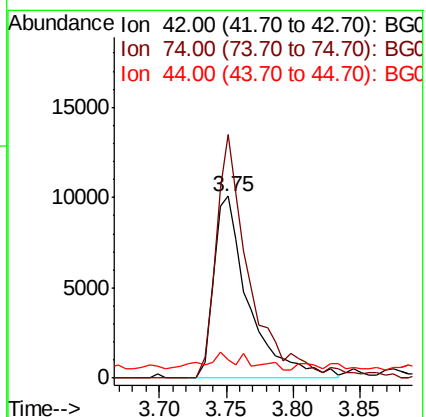
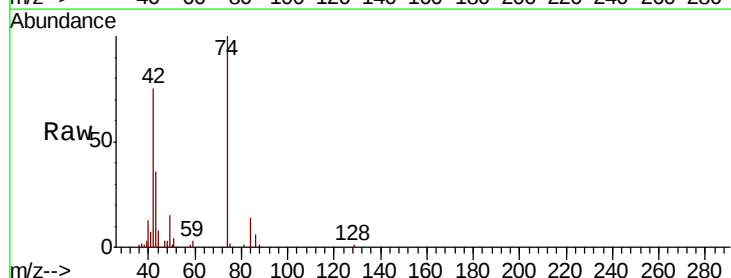
Tgt Ion: 42 Resp: 18476

Ion Ratio Lower Upper

42 100

74 134.0 108.6 162.8

44 10.2 5.0 7.6#





#5

2-Fluorophenol

Concen: 145.427 ng

RT: 5.54 min Scan# 417

Delta R.T. -0.00 min

Lab File: BG043873.D

Acq: 2 Jan 2020 13:42

Instrument :

BNA_G

ClientSampleId :

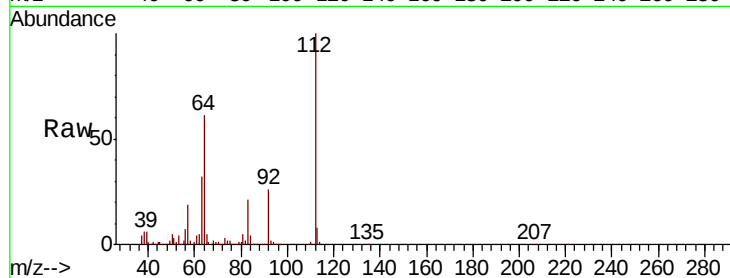
Tot Ion:112 Resp: 975890

Ion Ratio Lower Upper

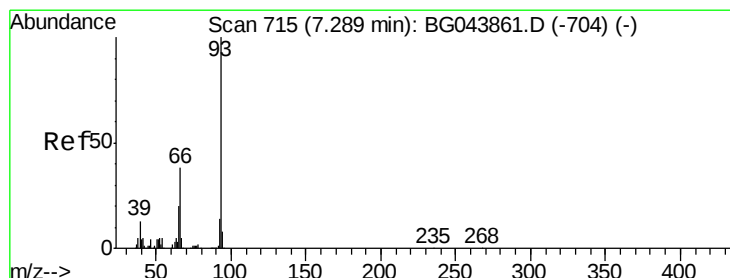
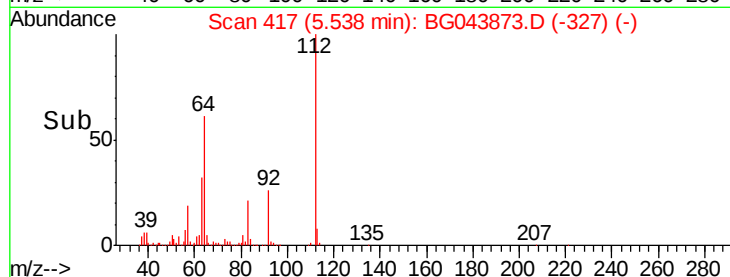
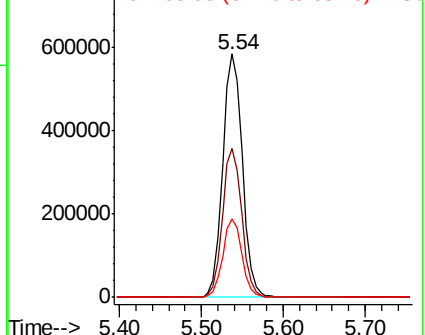
112 100

64 61.4 47.8 71.6

63 32.0 24.3 36.5



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: 5.056 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.00 min

Lab File: BG043873.D

Acq: 2 Jan 2020 13:42

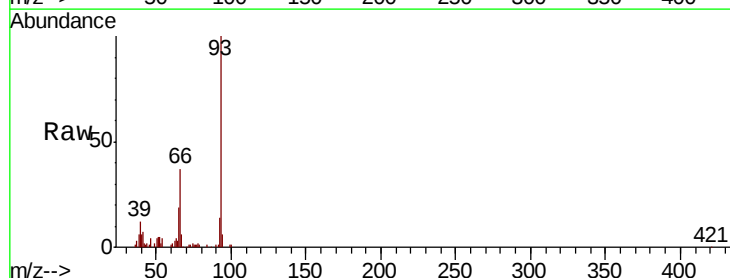
Tgt Ion: 93 Resp: 62287

Ion Ratio Lower Upper

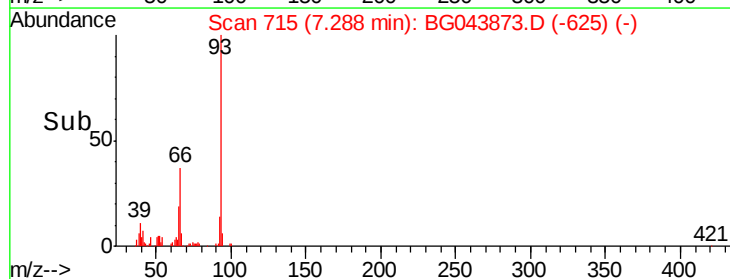
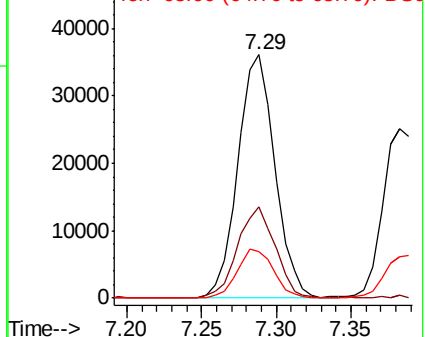
93 100

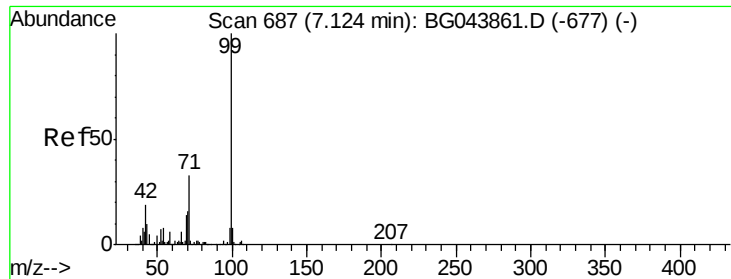
66 37.5 30.8 46.2

65 19.0 16.0 24.0



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: 141.224 ng

RT: 7.12 min Scan# 687

Delta R.T. -0.00 min

Lab File: BG043873.D

Acq: 2 Jan 2020 13:42

Instrument :

BNA_G

ClientSampleId :

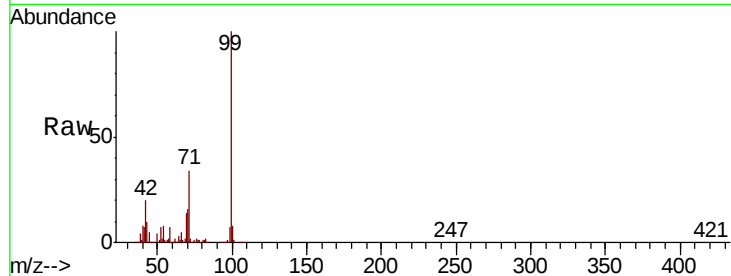
Tot Ion: 99 Resp: 1324689

Ion	Ratio	Lower	Upper
99	100		
42	19.9	14.9	22.3
71	34.2	26.4	39.6

99 100

42 19.9 14.9 22.3

71 34.2 26.4 39.6

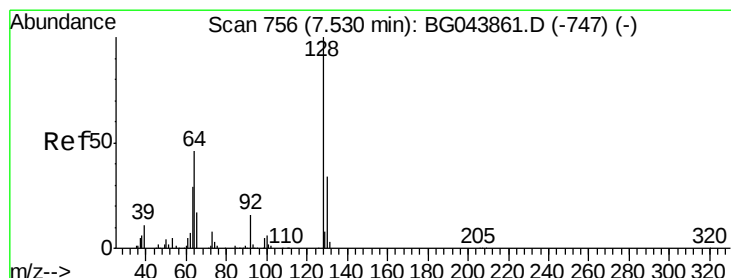
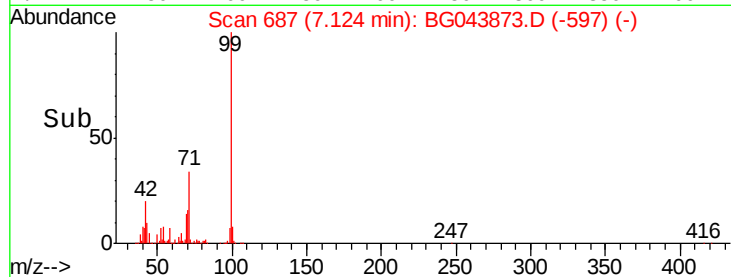
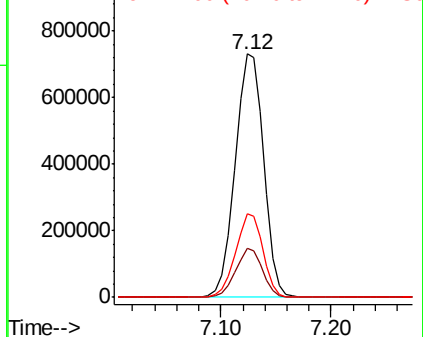


Abundance

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: 5.073 ng

RT: 7.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BG043873.D

Acq: 2 Jan 2020 13:42

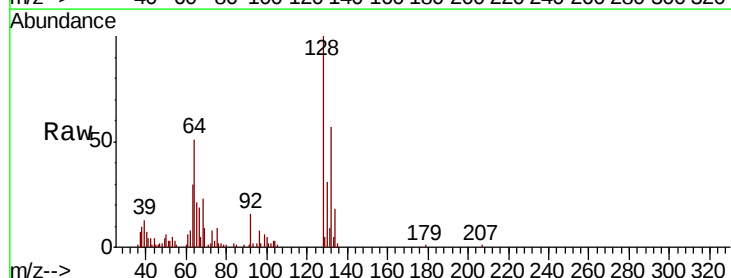
Tgt Ion:128 Resp: 39964

Ion	Ratio	Lower	Upper
128	100		
130	30.7	13.8	53.8
64	51.4	27.6	67.6

128 100

130 30.7 13.8 53.8

64 51.4 27.6 67.6

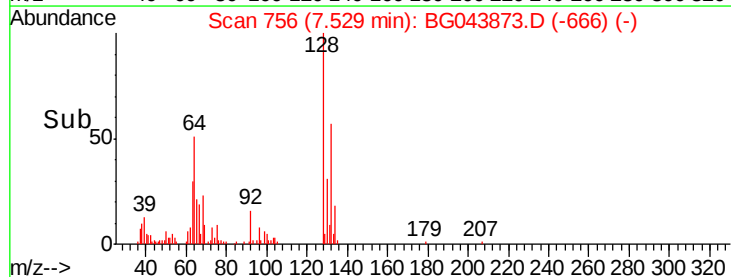
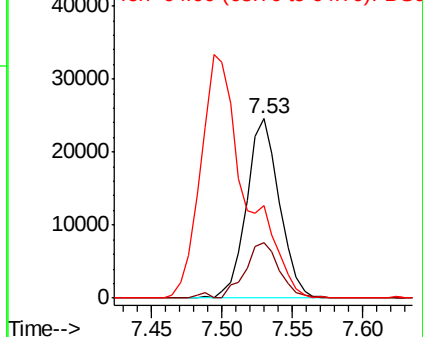


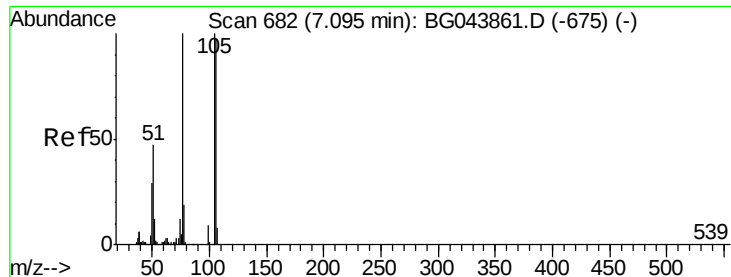
Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 6.593 ng

RT: 7.10 min Scan# 683

Delta R.T. 0.01 min

Lab File: BG043873.D

Acq: 2 Jan 2020 13:42

Instrument :

BNA_G

ClientSampleId :

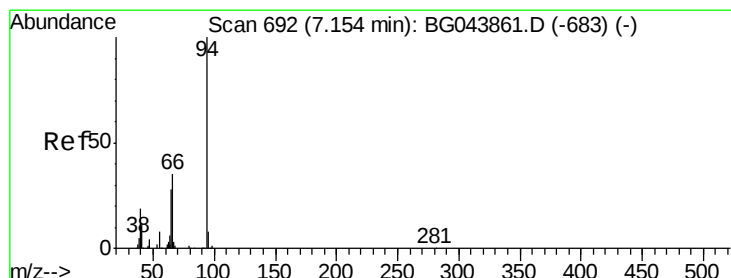
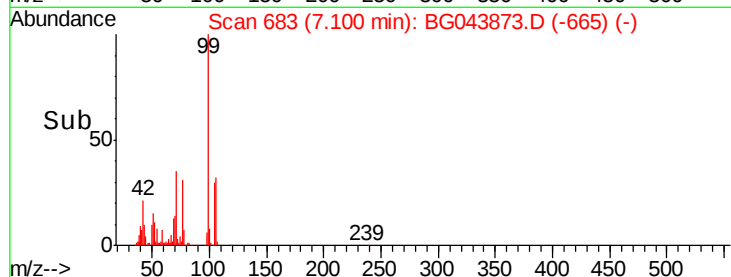
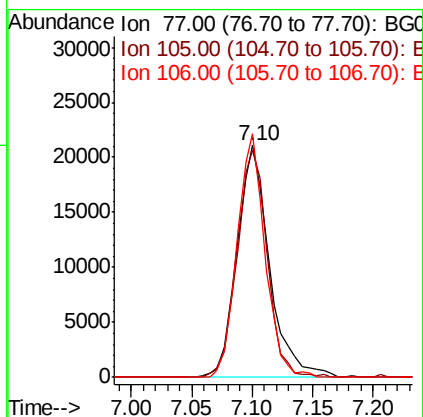
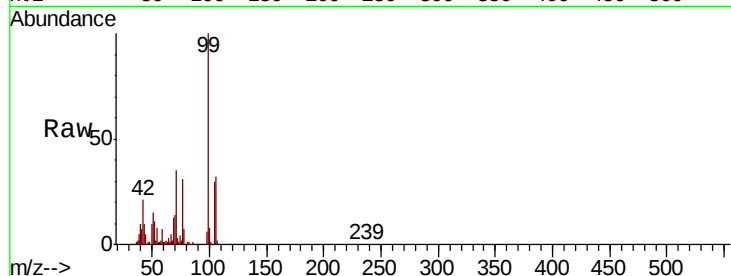
Tot Ion: 77 Resp: 39580

Ion Ratio Lower Upper

77 100

105 98.2 80.2 120.2

106 105.1 77.2 117.2



#10

Phenol

Concen: 5.199 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.01 min

Lab File: BG043873.D

Acq: 2 Jan 2020 13:42

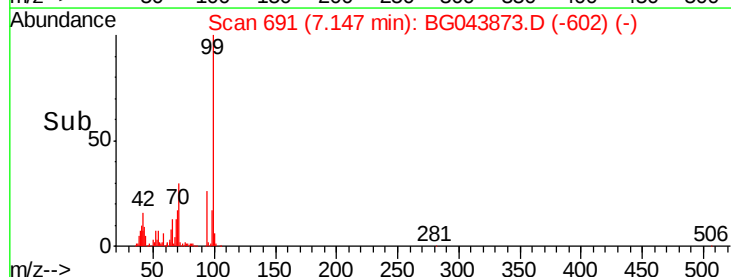
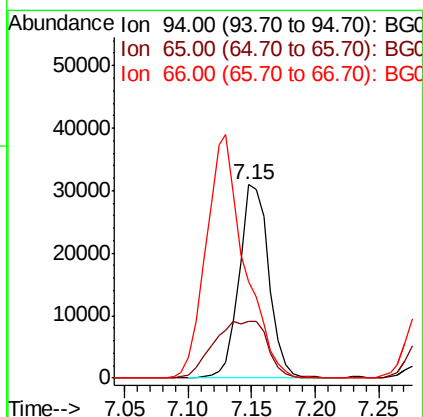
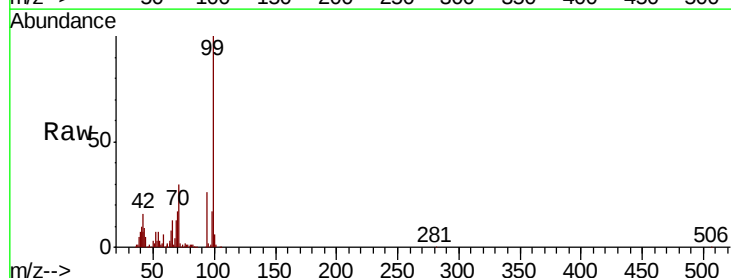
Tgt Ion: 94 Resp: 50245

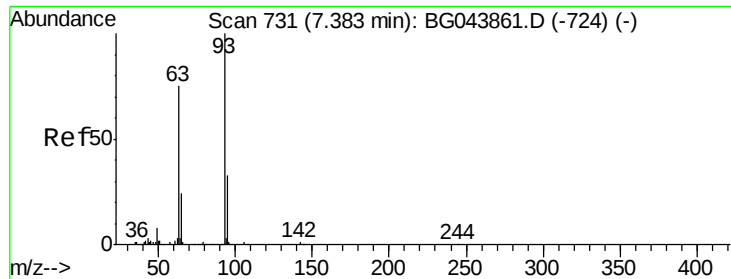
Ion Ratio Lower Upper

94 100

65 29.0 8.1 48.1

66 49.6 15.6 55.6

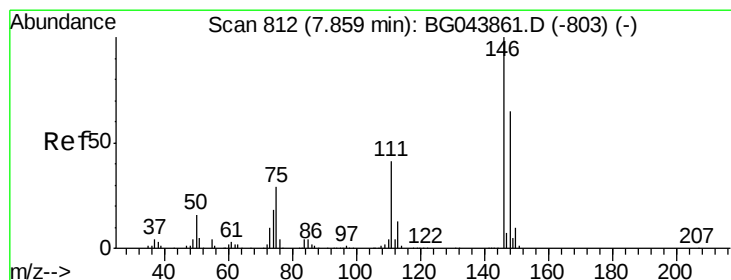
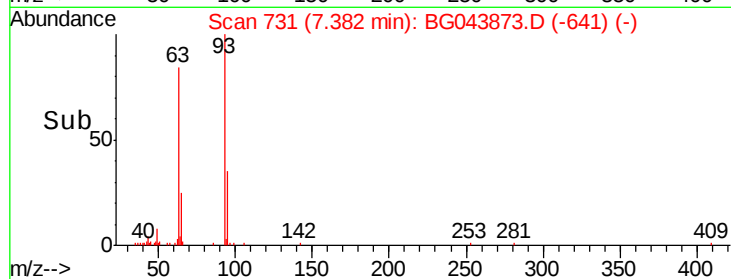
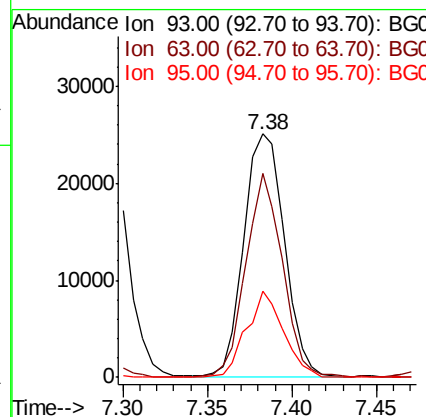
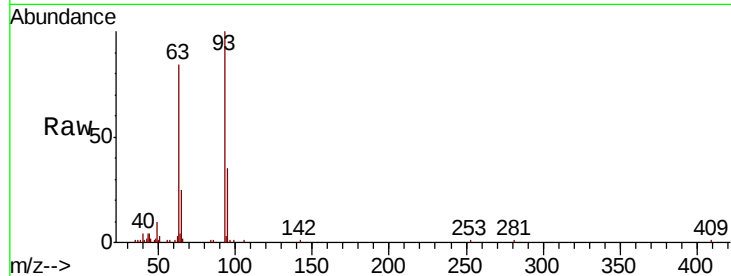




#11
 bis(2-Chloroethyl)ether
 Concen: 5.057 ng
 RT: 7.38 min Scan# 731
 Delta R.T. -0.00 min
 Lab File: BG043873.D
 Acq: 2 Jan 2020 13:42

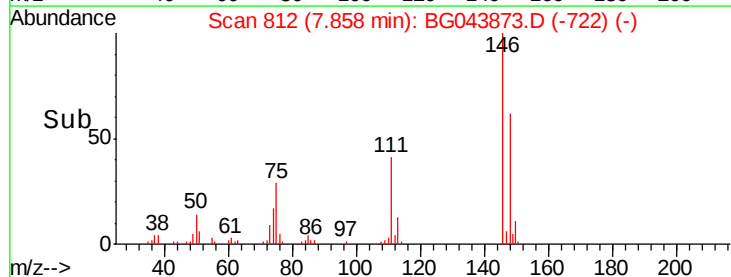
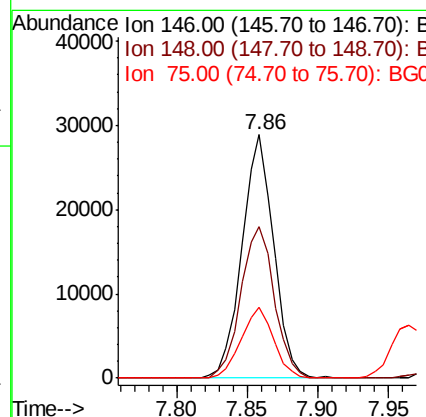
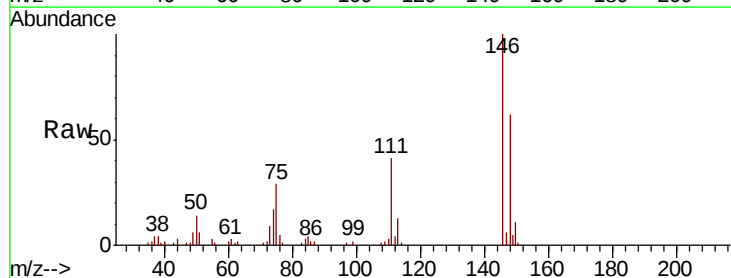
Instrument :
 BNA_G
 ClientSampleId :

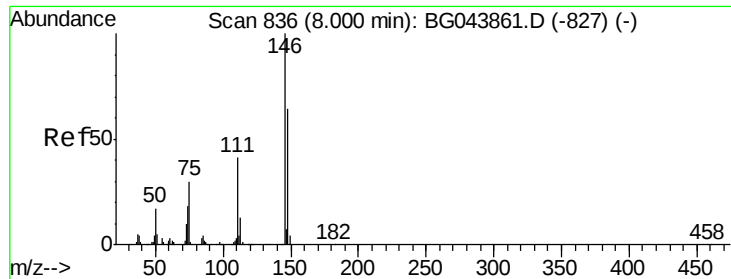
Tot Ion	93	Resp	42191
Ion	Ratio	Lower	Upper
93	100		
63	83.8	55.0	95.0
95	35.4	13.3	53.3



#12
 1,3-Dichlorobenzene
 Concen: 4.900 ng
 RT: 7.86 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BG043873.D
 Acq: 2 Jan 2020 13:42

Tgt Ion	146	Resp	45172
Ion	Ratio	Lower	Upper
146	100		
148	62.0	52.1	78.1
75	29.0	23.0	34.4

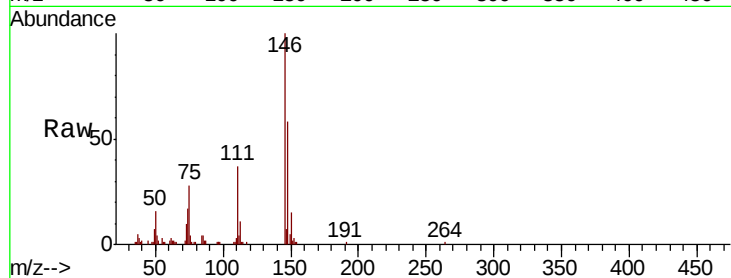




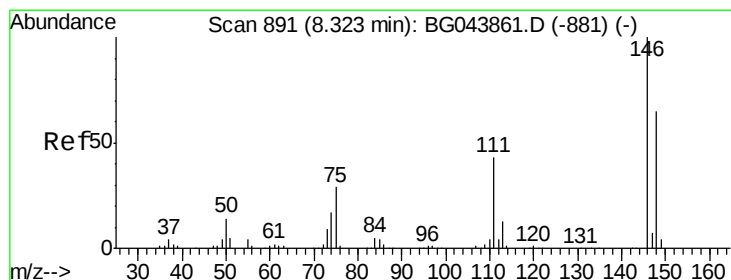
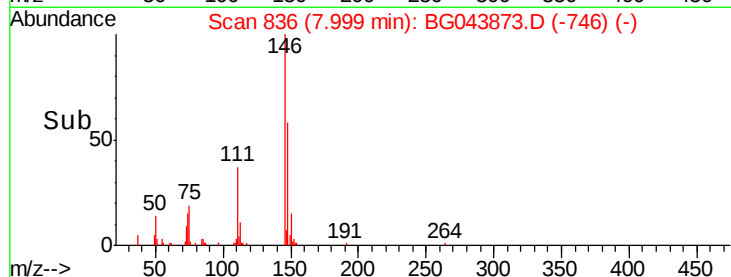
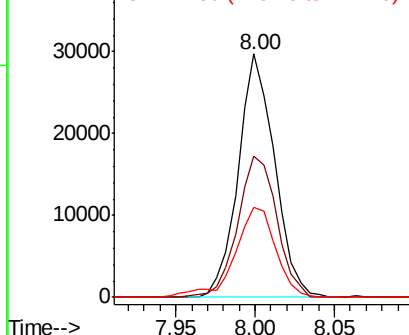
#13
 1,4-Dichlorobenzene
 Concen: 5.191 ng
 RT: 8.00 min Scan# 836
 Delta R.T. -0.00 min
 Lab File: BG043873.D
 Acq: 2 Jan 2020 13:42

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 47217
 Ion Ratio Lower Upper
 146 100
 148 58.2 51.2 76.8
 111 37.0 33.1 49.7

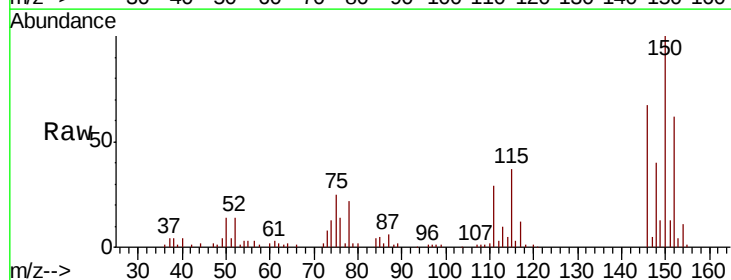


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

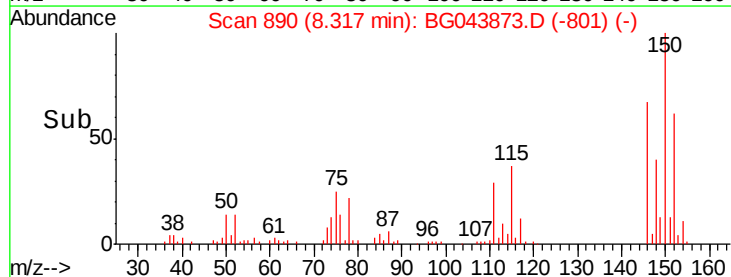
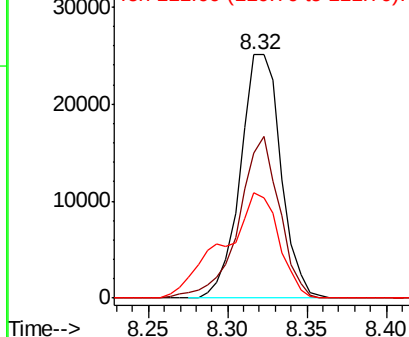


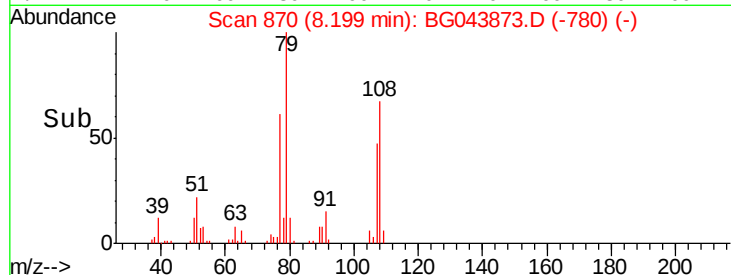
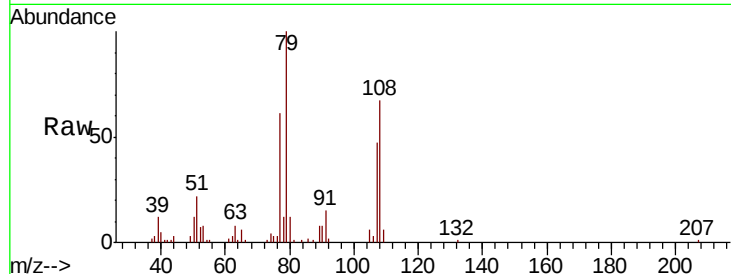
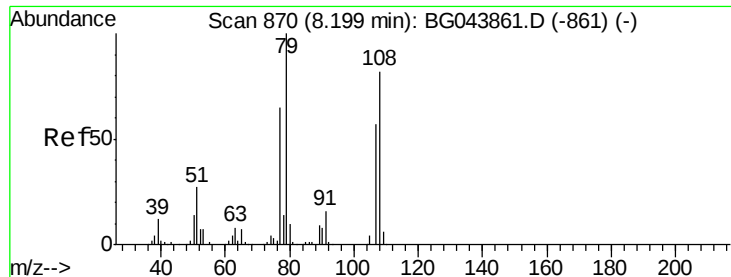
#14
 1,2-Dichlorobenzene
 Concen: 5.096 ng
 RT: 8.32 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BG043873.D
 Acq: 2 Jan 2020 13:42

Tgt Ion:146 Resp: 44494
 Ion Ratio Lower Upper
 146 100
 148 59.3 51.7 77.5
 111 43.2 34.4 51.6



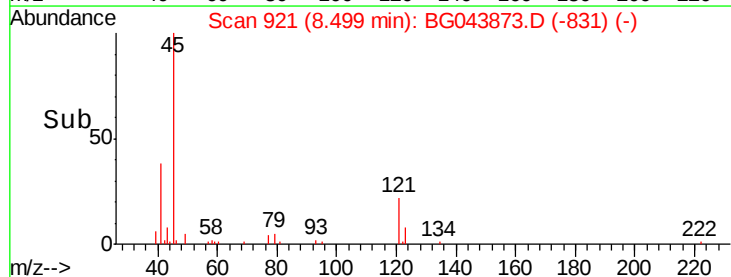
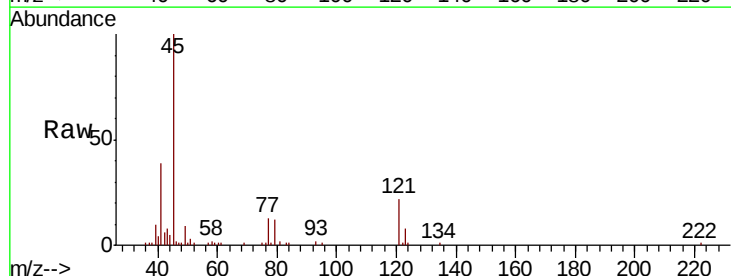
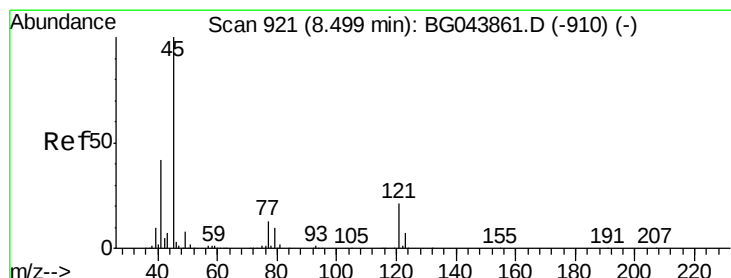
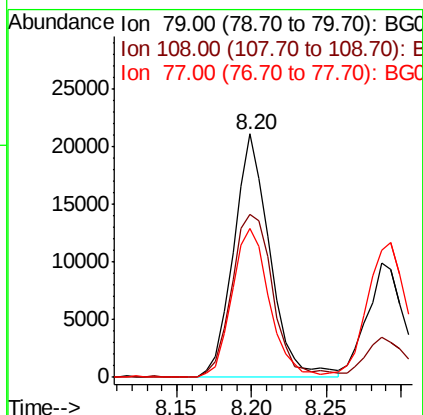
Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





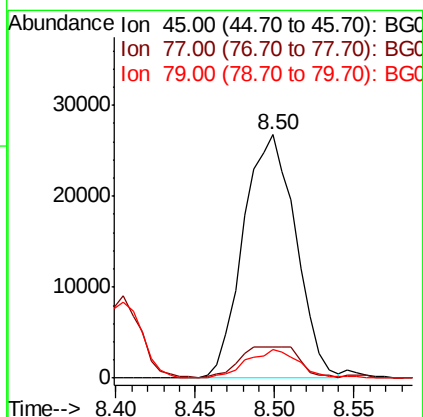
#15
Benzyl Alcohol
Concen: 4.805 ng
RT: 8.20 min Scan# 870
Delta R.T. -0.00 min
Lab File: BG043873.D
Acq: 2 Jan 2020 13:42

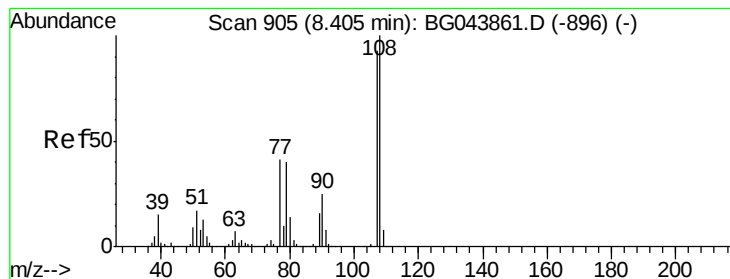
Tot Ion	Ratio	Lower	Upper
79	100		
108	66.8	65.6	98.4
77	61.3	52.0	78.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.746 ng
RT: 8.50 min Scan# 921
Delta R.T. -0.00 min
Lab File: BG043873.D
Acq: 2 Jan 2020 13:42

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.8	0.0	33.8
79	11.6	0.0	31.0

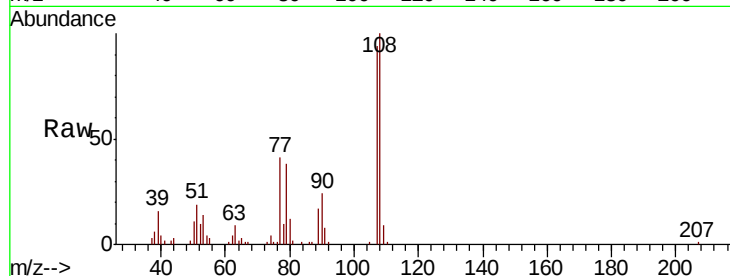




#17
2-Methylphenol
Concen: 4.688 ng
RT: 8.40 min Scan# 905
Delta R.T. -0.00 min
Lab File: BG043873.D
Acq: 2 Jan 2020 13:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	106.9	86.1	129.1
77	44.4	35.4	53.0
79	40.6	34.8	52.2



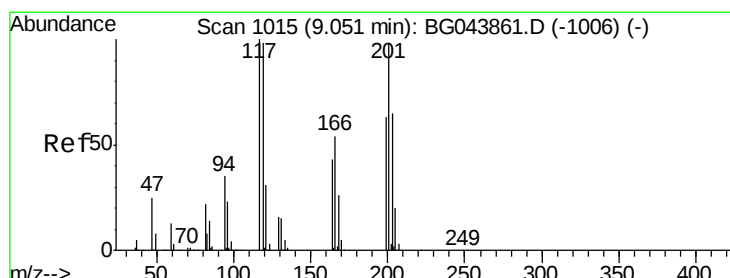
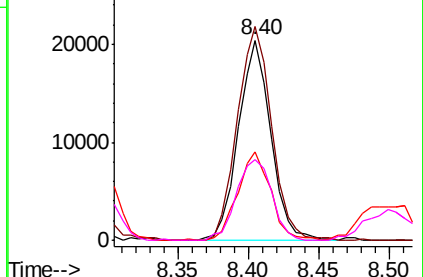
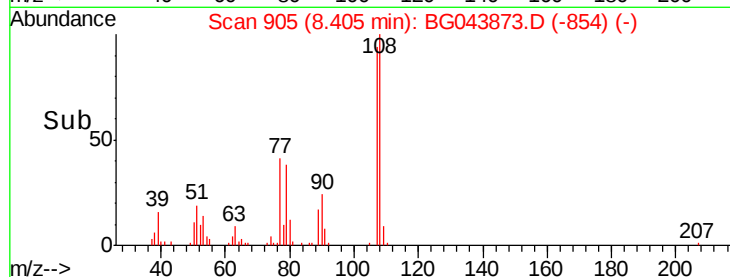
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

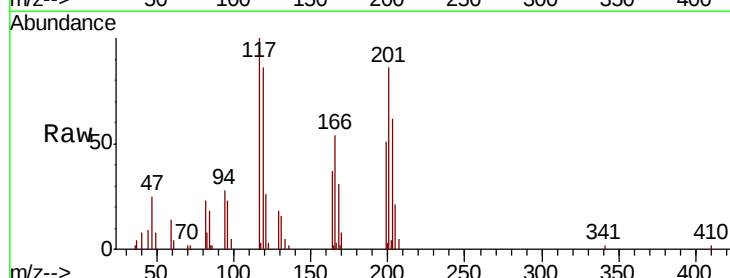
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 4.918 ng
RT: 9.05 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BG043873.D
Acq: 2 Jan 2020 13:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	85.8	78.1	117.1
201	86.1	78.6	117.8

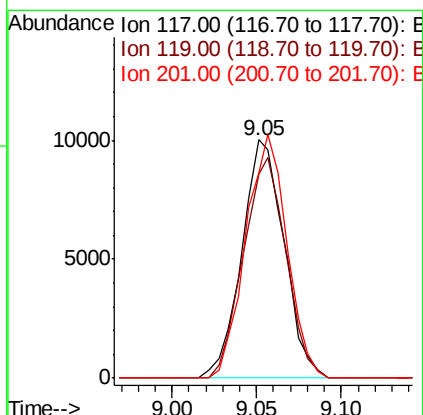
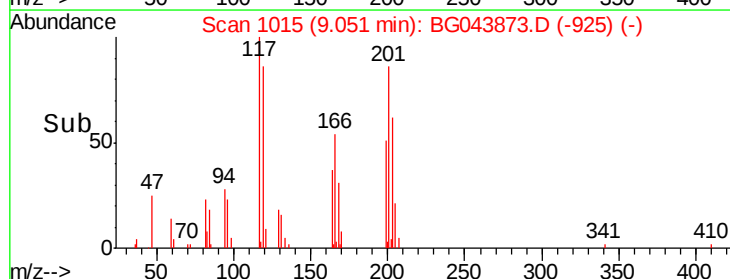


Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

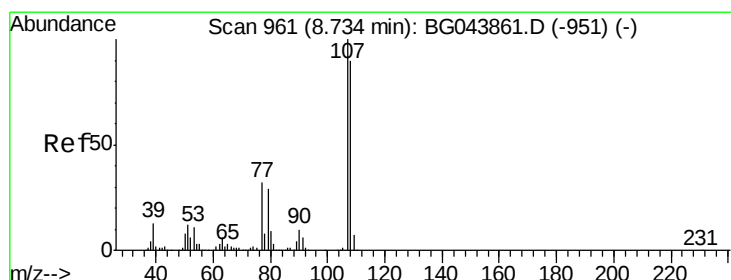
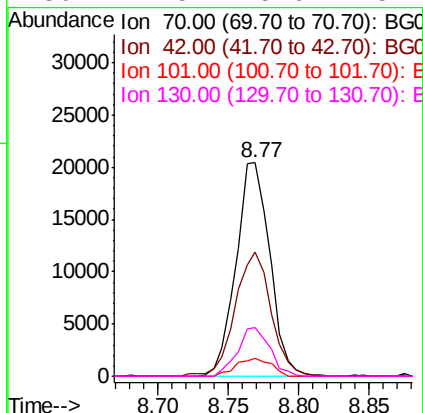
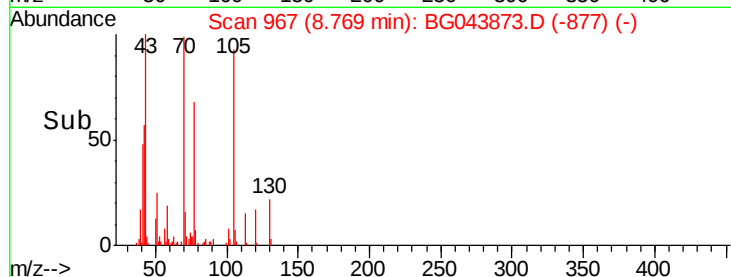
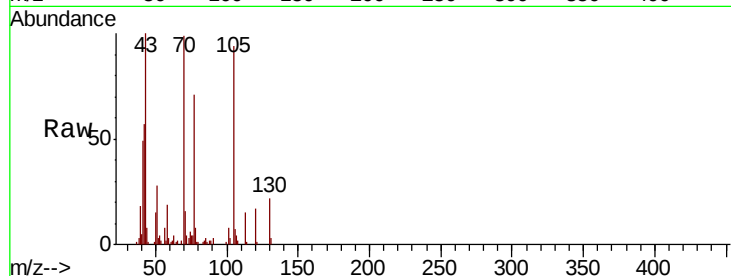




#19
n-Nitroso-di-n-propylamine
Concen: 4.900 ng
RT: 8.77 min Scan# 967
Delta R.T. -0.00 min
Lab File: BG043873.D
Acq: 2 Jan 2020 13:42

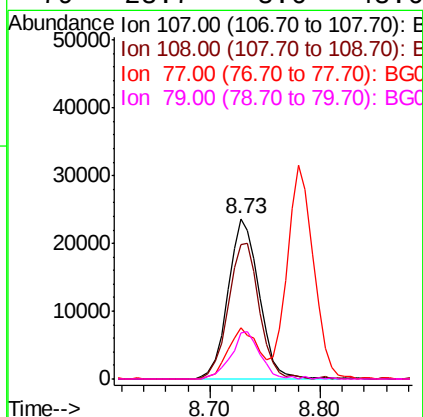
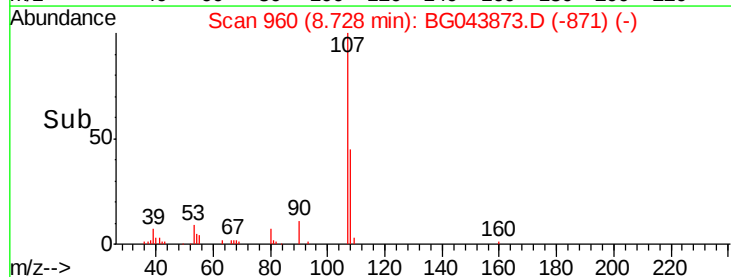
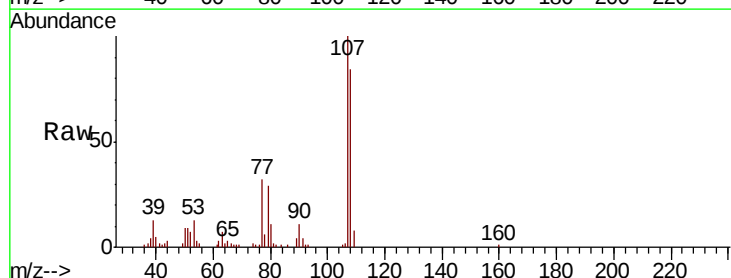
Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	34232
Ion	Ratio	Lower	Upper
70	100		
42	57.9	47.0	70.4
101	8.5	7.2	10.8
130	22.5	15.6	23.4



#20
3+4-Methylphenols
Concen: 4.763 ng
RT: 8.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG043873.D
Acq: 2 Jan 2020 13:42

Tgt Ion:	107	Resp:	46469
Ion	Ratio	Lower	Upper
107	100		
108	84.1	70.3	110.3
77	32.4	12.4	52.4
79	28.7	8.6	48.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.77 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BG043873.D

Acq: 2 Jan 2020 13:42

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 541951

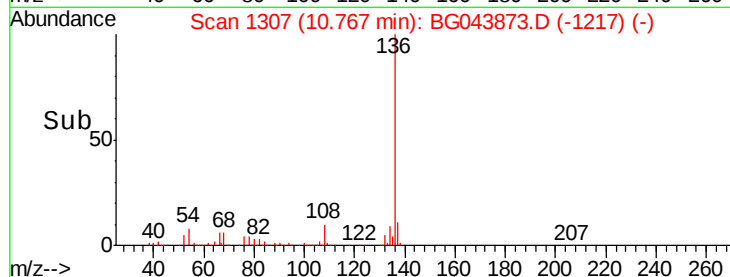
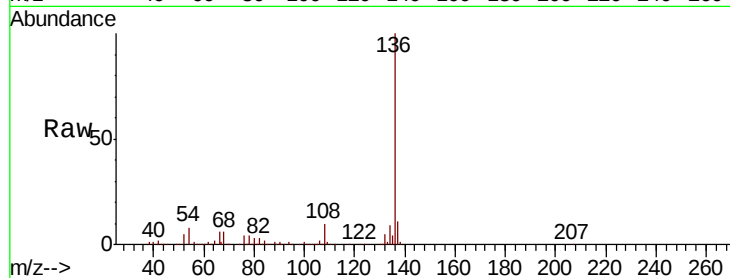
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 7.9 7.0 10.4

68 6.3 4.9 7.3

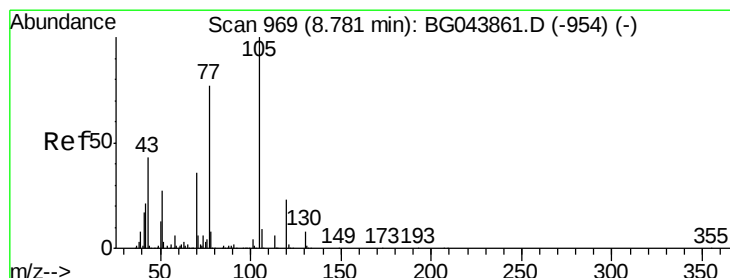
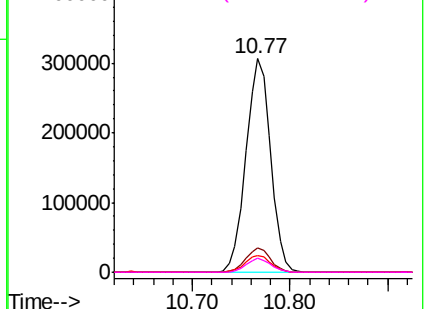


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#22

Acetophenone

Concen: 4.940 ng

RT: 8.78 min Scan# 969

Delta R.T. -0.00 min

Lab File: BG043873.D

Acq: 2 Jan 2020 13:42

Tgt Ion:105 Resp: 66557

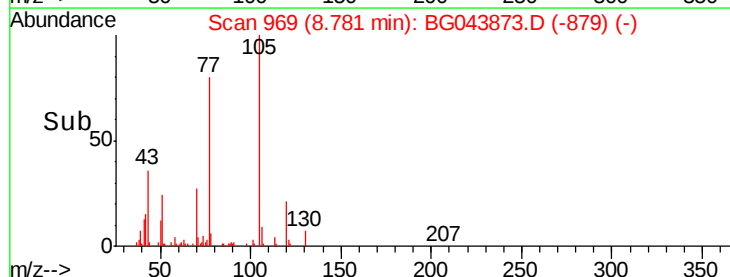
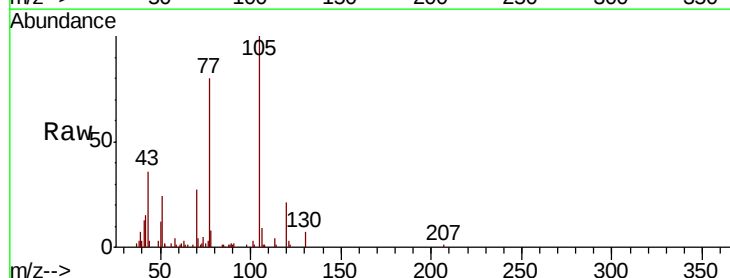
Ion Ratio Lower Upper

105 100

71 3.8 4.8 7.2#

51 24.5 21.4 32.0

120 20.8 18.6 28.0

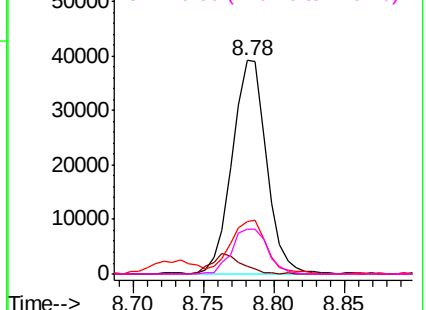


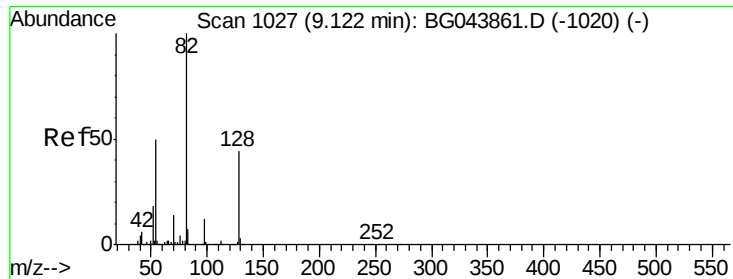
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E

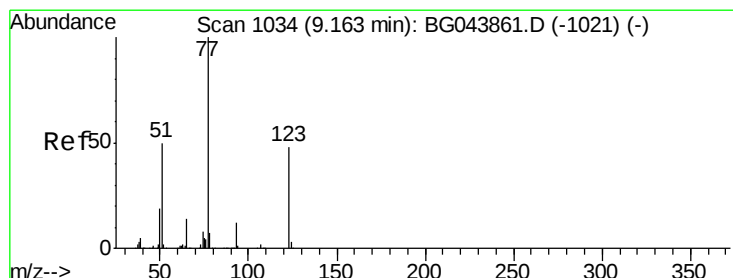
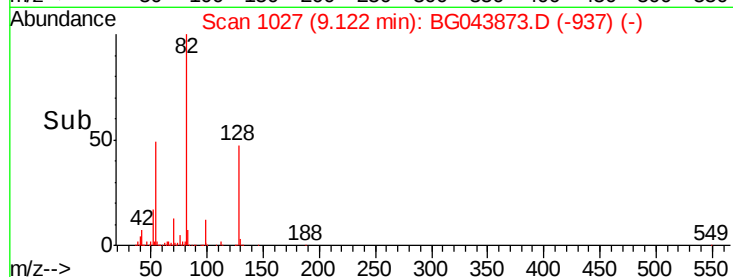
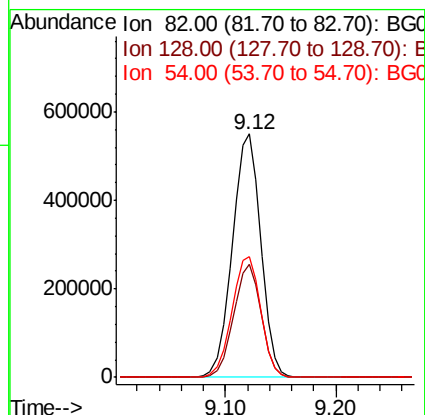
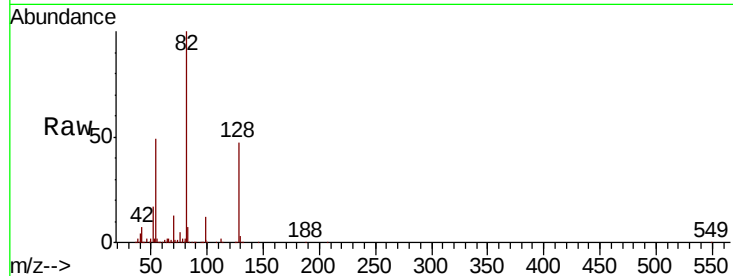




#23
 Nitrobenzene-d5
 Concen: 97.753 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BG043873.D
 Acq: 2 Jan 2020 13:42

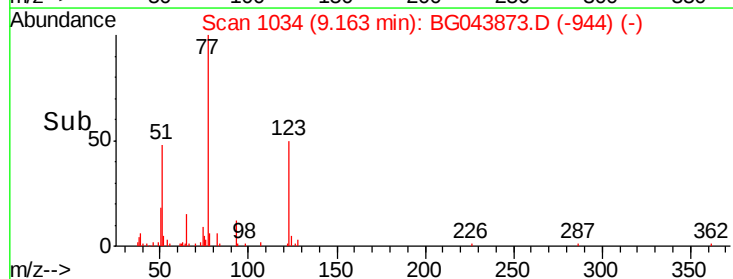
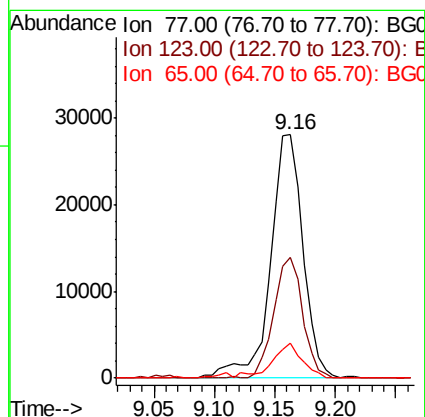
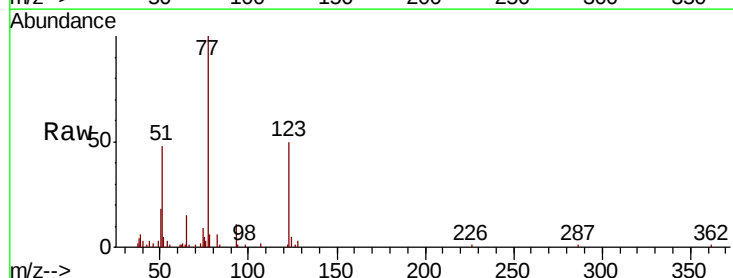
Instrument :
 BNA_G
 ClientSampleId :

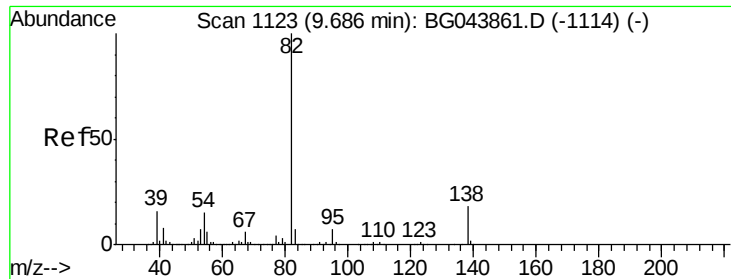
Tot Ion	82	Resp	990305
Ion Ratio	Lower	Upper	
82	100		
128	46.5	35.1	52.7
54	49.4	40.1	60.1



#24
 Nitrobenzene
 Concen: 5.179 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BG043873.D
 Acq: 2 Jan 2020 13:42

Tgt Ion	77	Resp	51961
Ion Ratio	Lower	Upper	
77	100		
123	49.7	38.7	58.1
65	14.5	11.1	16.7

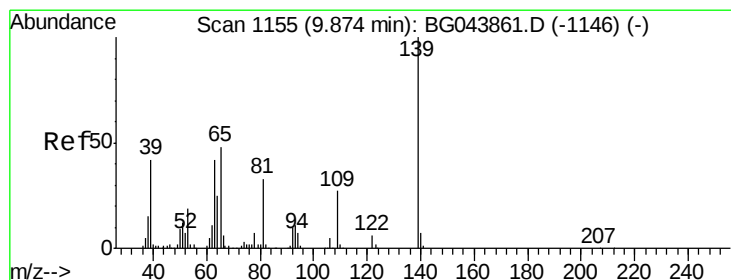
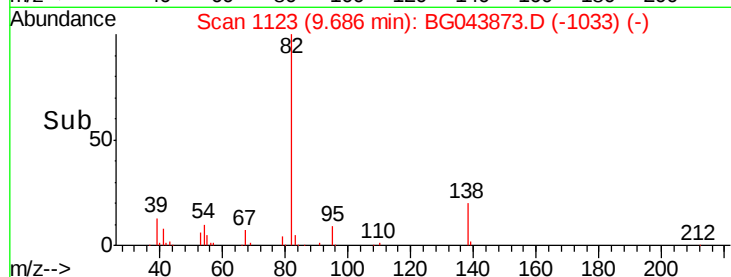
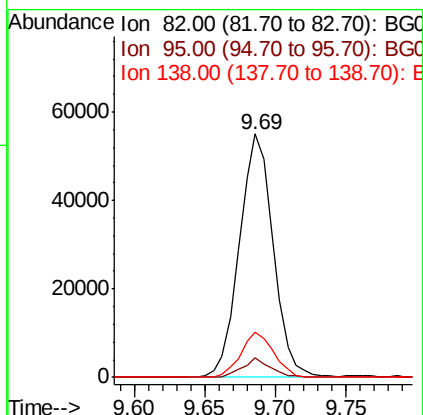
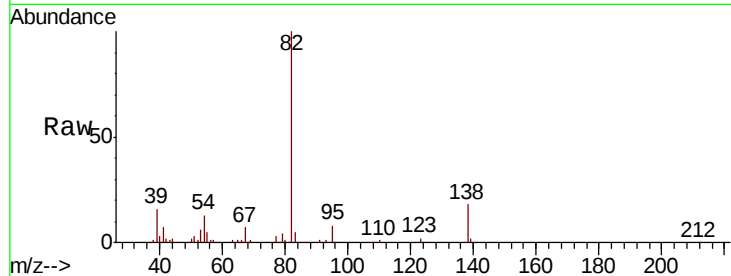




#25
Isophorone
Concen: 4.866 ng
RT: 9.69 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BG043873.D
Acq: 2 Jan 2020 13:42

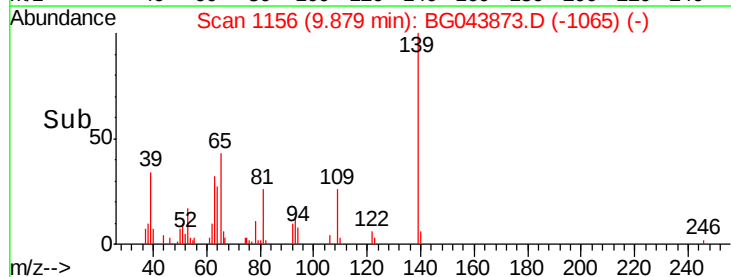
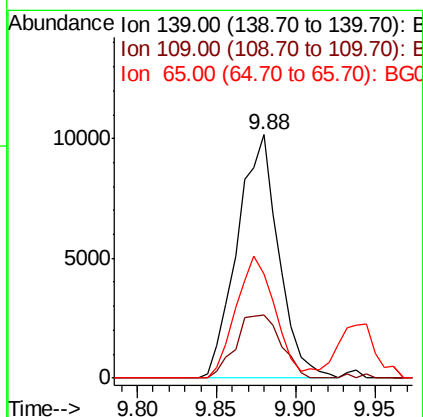
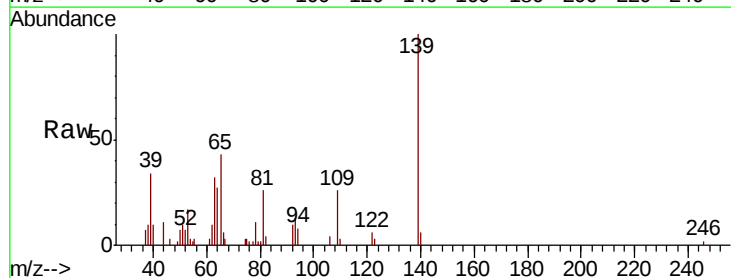
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 92491
Ion Ratio Lower Upper
82 100
95 8.1 5.8 8.6
138 18.4 14.6 22.0



#26
2-Nitrophenol
Concen: 3.877 ng
RT: 9.88 min Scan# 1156
Delta R.T. 0.01 min
Lab File: BG043873.D
Acq: 2 Jan 2020 13:42

Tgt Ion: 139 Resp: 18404
Ion Ratio Lower Upper
139 100
109 26.1 21.3 31.9
65 42.9 38.6 57.8

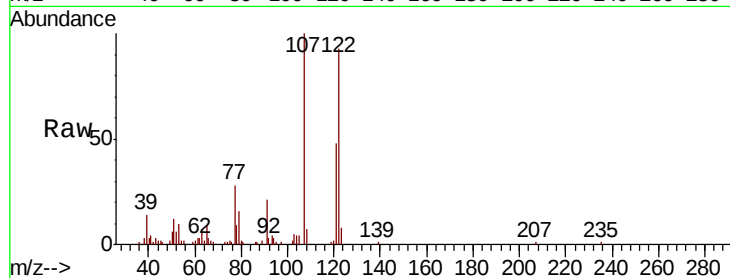




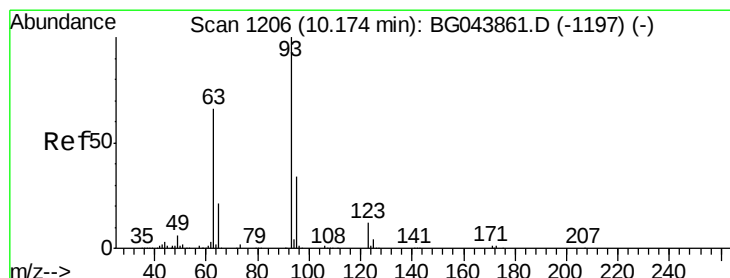
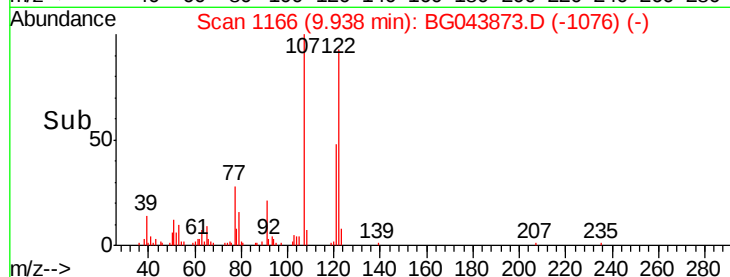
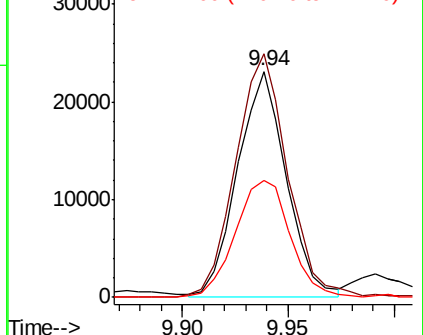
#27
 2,4-Dimethylphenol
 Concen: 5.151 ng
 RT: 9.94 min Scan# 1166
 Delta R.T. -0.00 min
 Lab File: BG043873.D
 Acq: 2 Jan 2020 13:42

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 36809
 Ion Ratio Lower Upper
 122 100
 107 107.9 88.0 132.0
 121 52.0 49.0 73.4

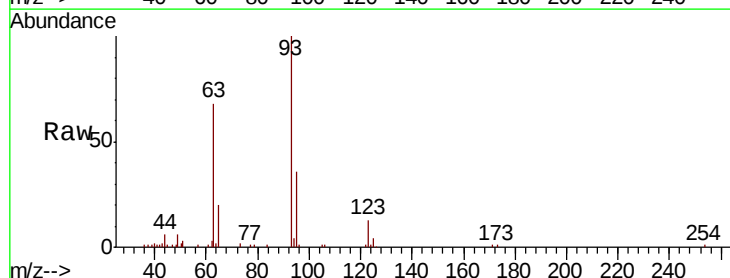


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

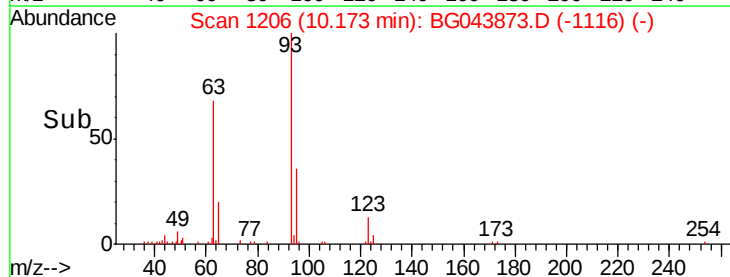
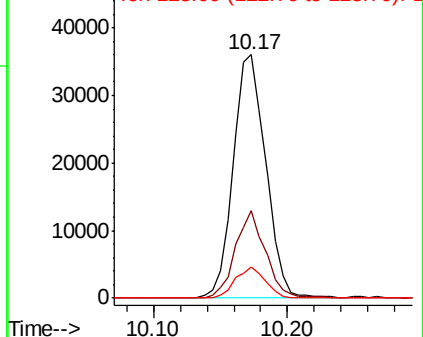


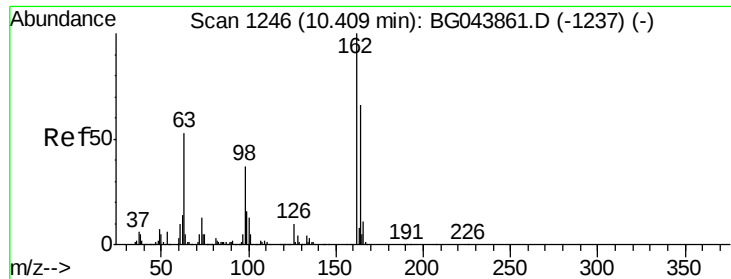
#28
 bis(2-Chloroethoxy)methane
 Concen: 4.803 ng
 RT: 10.17 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BG043873.D
 Acq: 2 Jan 2020 13:42

Tgt Ion: 93 Resp: 60859
 Ion Ratio Lower Upper
 93 100
 95 35.7 27.2 40.8
 123 12.5 9.7 14.5



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

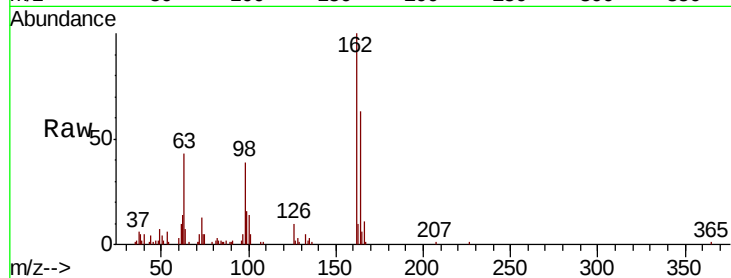




#29
 2,4-Dichlorophenol
 Concen: 4.330 ng
 RT: 10.41 min Scan# 1247
 Delta R.T. 0.01 min
 Lab File: BG043873.D
 Acq: 2 Jan 2020 13:42

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.1	46.3	86.3
98	39.3	17.3	57.3

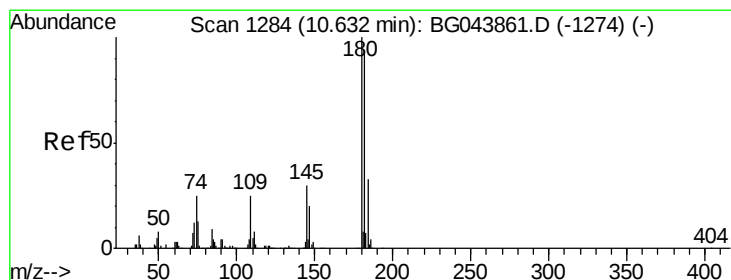
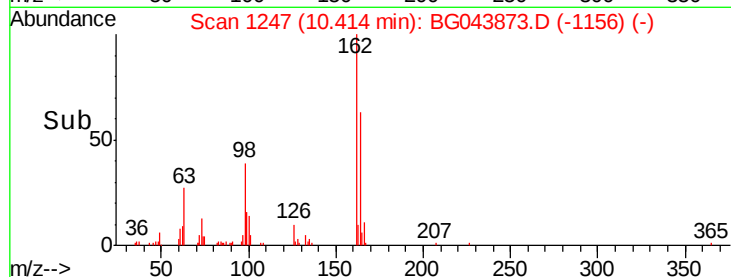
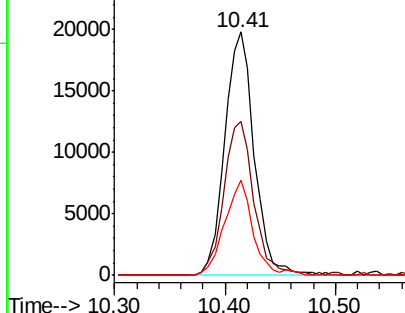


Abundance

Ion 162.00 (161.70 to 162.70): E

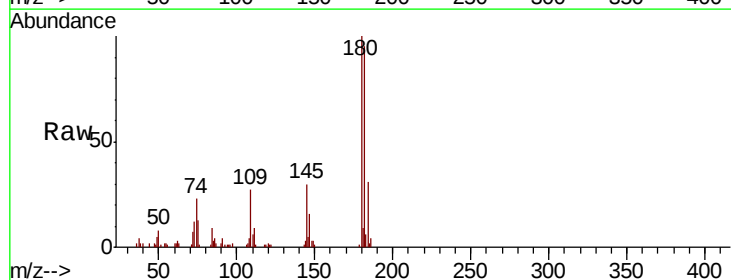
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 4.642 ng
 RT: 10.63 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: BG043873.D
 Acq: 2 Jan 2020 13:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.0	112.4
145	30.2	24.2	36.4

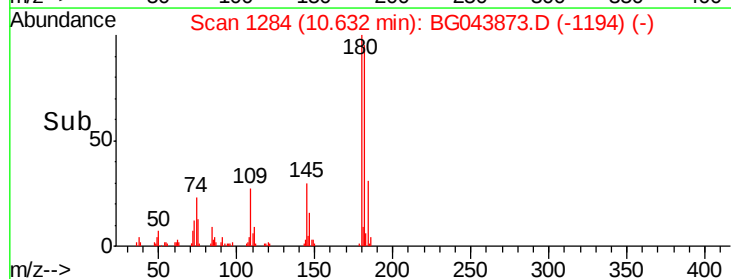
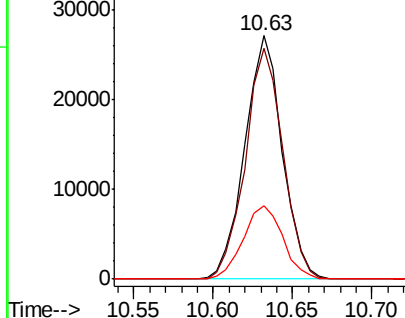


Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

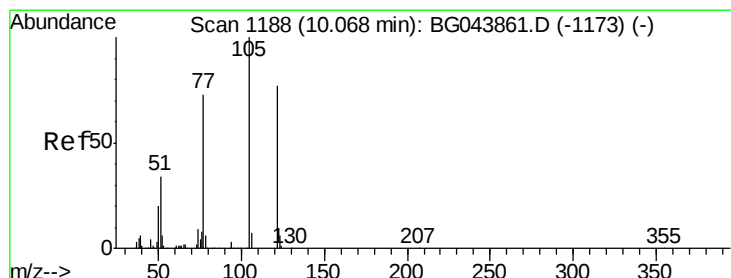
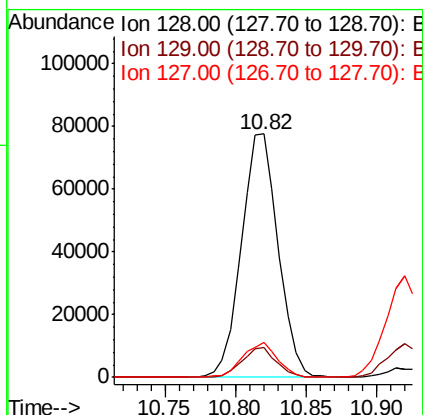
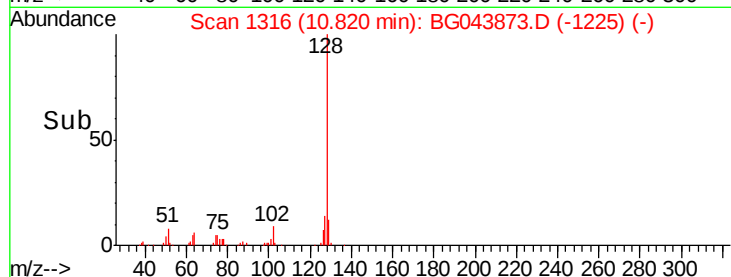
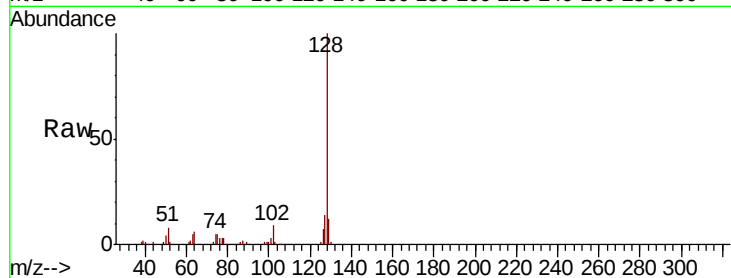




#31
Naphthalene
Concen: 5.374 ng
RT: 10.82 min Scan# 1316
Delta R.T. 0.01 min
Lab File: BG043873.D
Acq: 2 Jan 2020 13:42

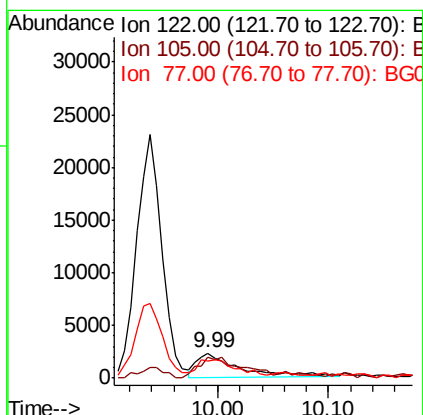
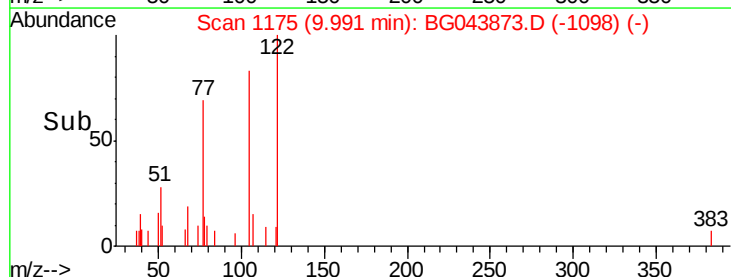
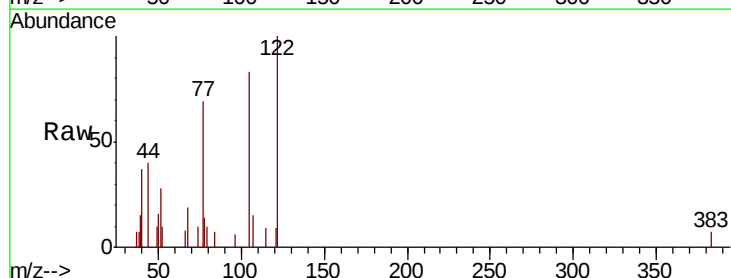
Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 140930
Ion Ratio Lower Upper
128 100
129 12.3 9.8 14.6
127 14.2 12.0 18.0



#32
Benzoic acid
Concen: 7.126 ng
RT: 9.99 min Scan# 1175
Delta R.T. -0.08 min
Lab File: BG043873.D
Acq: 2 Jan 2020 13:42

Tgt Ion:122 Resp: 5785
Ion Ratio Lower Upper
122 100
105 82.5 106.4 146.4#
77 69.0 74.6 114.6#

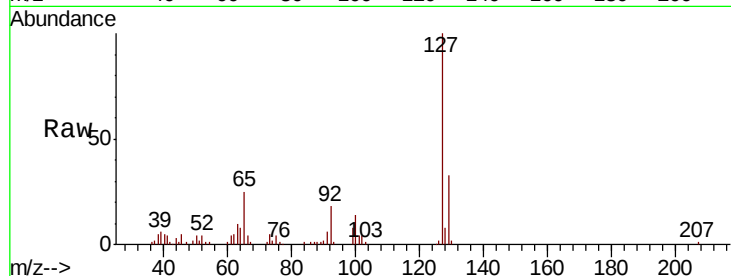




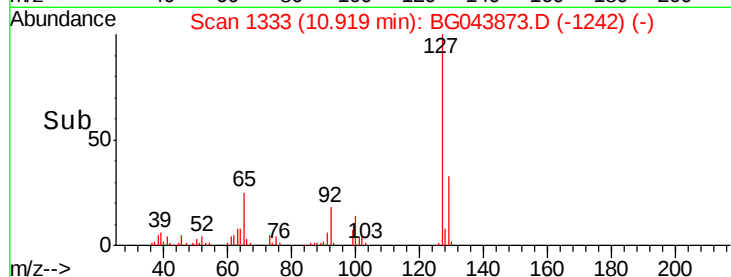
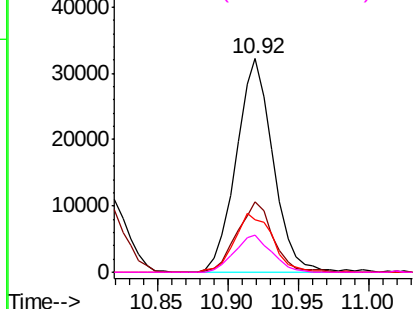
#33
4-Chloroaniline
Concen: 4.686 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BG043873.D
Acq: 2 Jan 2020 13:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	58622
Ion Ratio	Lower	Upper
127	100	
129	32.9	26.6 40.0
65	24.6	23.3 34.9
92	17.5	14.7 22.1

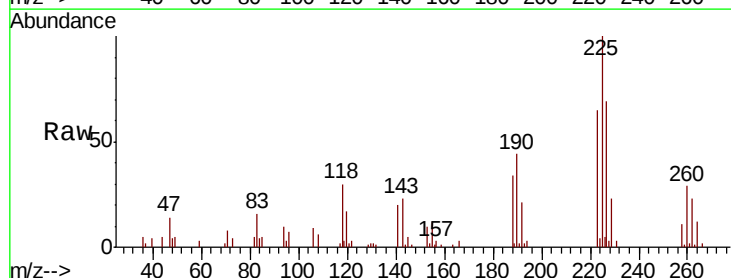


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

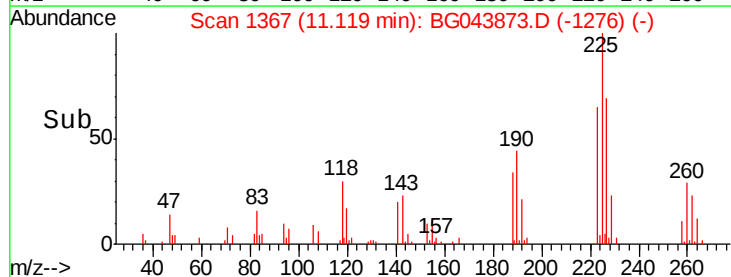
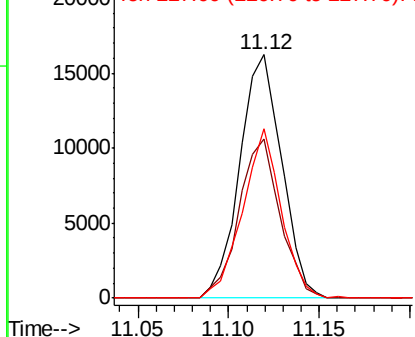


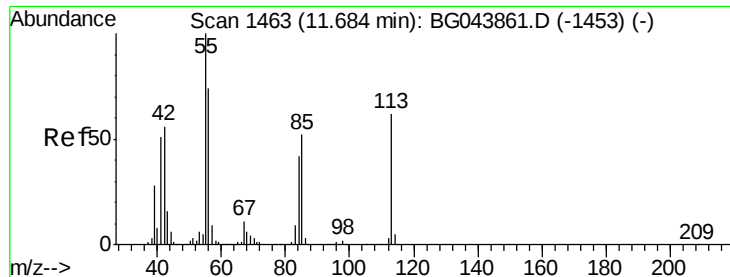
#34
Hexachlorobutadiene
Concen: 4.480 ng
RT: 11.12 min Scan# 1367
Delta R.T. 0.01 min
Lab File: BG043873.D
Acq: 2 Jan 2020 13:42

Tgt Ion:225	Resp:	26139
Ion Ratio	Lower	Upper
225	100	
223	65.3	52.2 78.4
227	72.7	52.1 78.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 4.350 ng

RT: 11.65 min Scan# 1458

Delta R.T. -0.03 min

Lab File: BG043873.D

Acq: 2 Jan 2020 13:42

Instrument :

BNA_G

ClientSampleId :

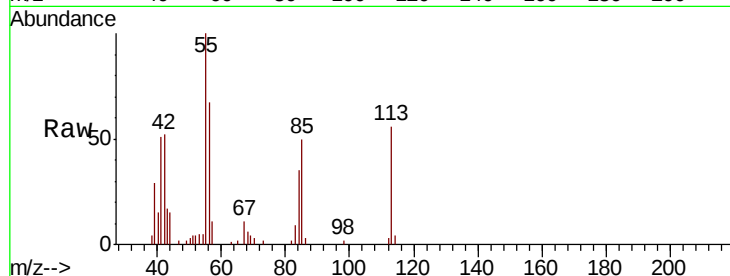
Tot Ion:113 Resp: 13802

Ion Ratio Lower Upper

113 100

55 180.1 142.5 182.5

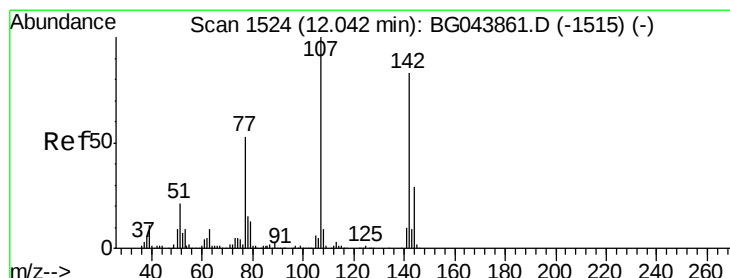
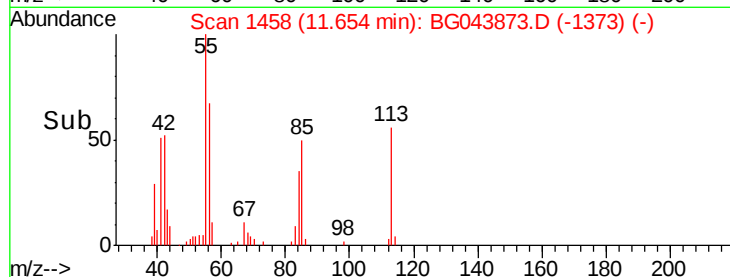
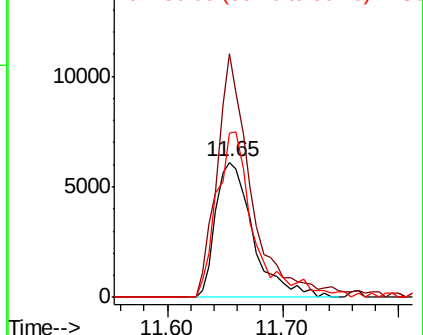
56 121.2 101.4 141.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 4.568 ng

RT: 12.04 min Scan# 1524

Delta R.T. -0.00 min

Lab File: BG043873.D

Acq: 2 Jan 2020 13:42

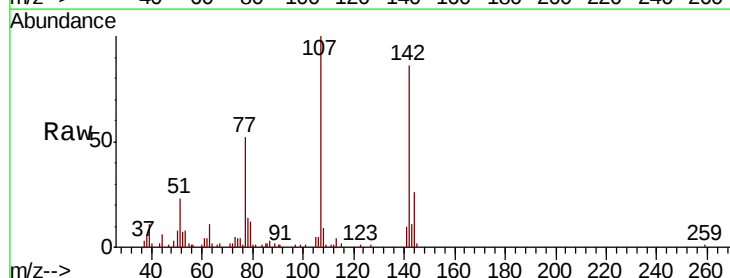
Tgt Ion:107 Resp: 41452

Ion Ratio Lower Upper

107 100

144 26.5 23.4 35.2

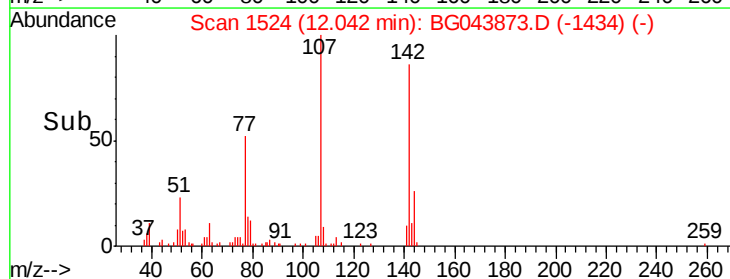
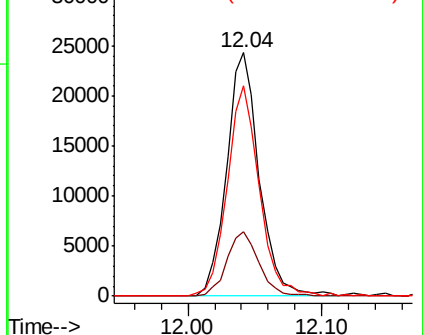
142 86.3 66.3 99.5

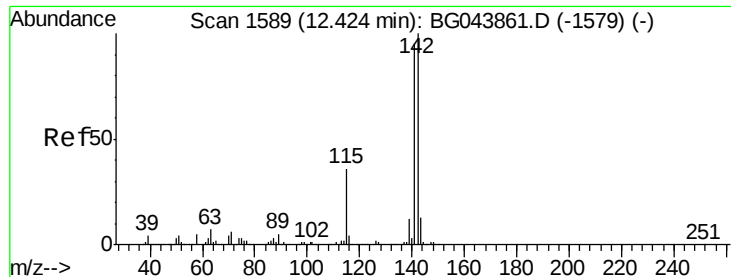


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

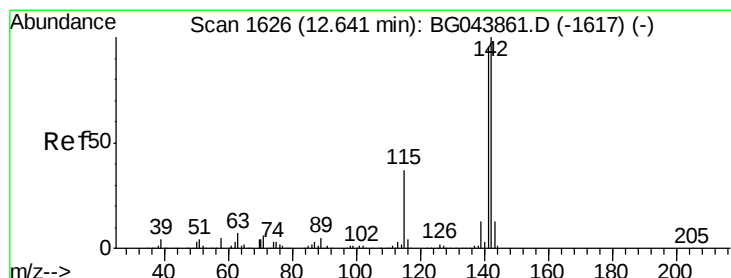
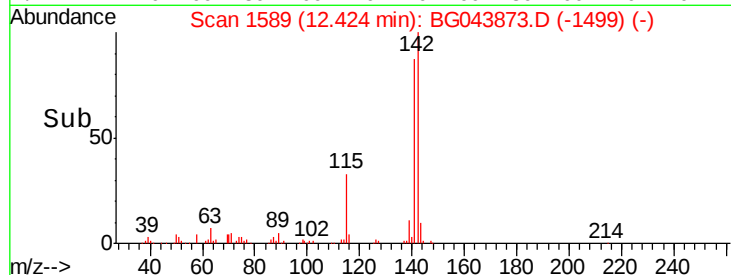
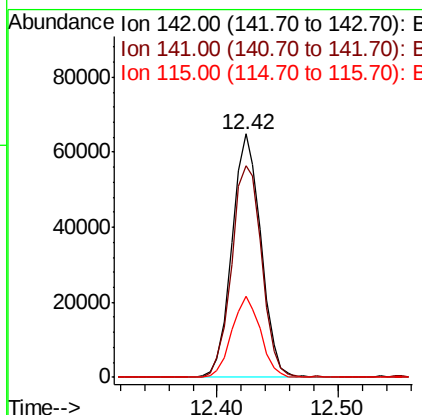
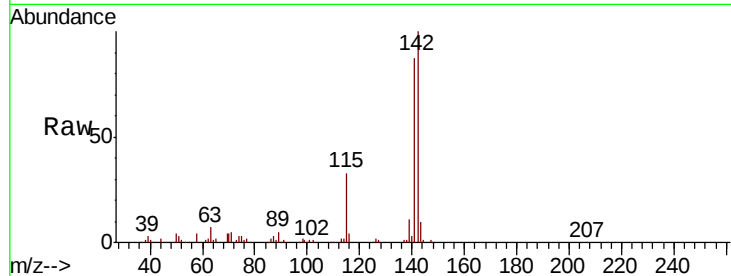




#37
2-Methylnaphthalene
Concen: 5.476 ng
RT: 12.42 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BG043873.D
Acq: 2 Jan 2020 13:42

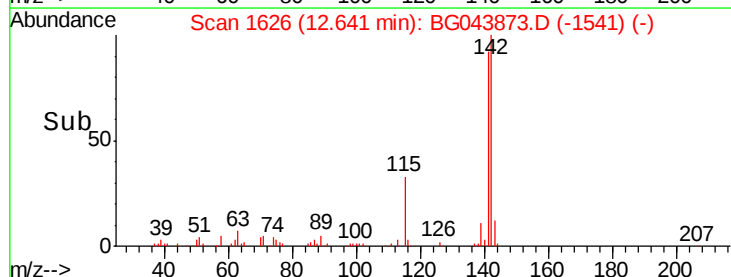
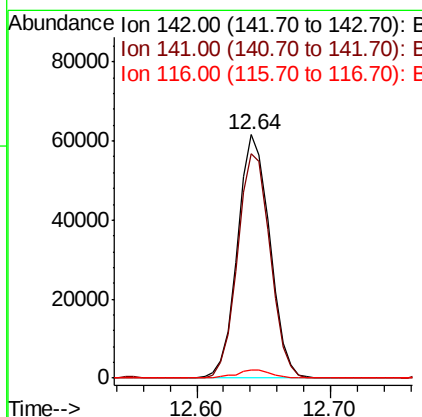
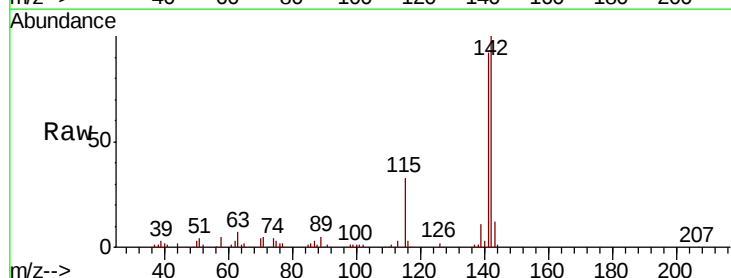
Instrument :
BNA_G
ClientSampleId :

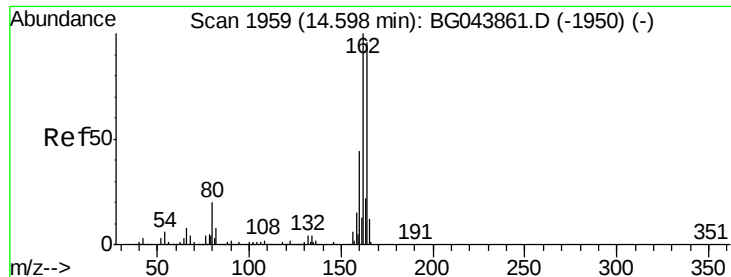
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.1	75.8	113.8
115	33.3	28.6	42.8



#38
1-Methylnaphthalene
Concen: 5.499 ng
RT: 12.64 min Scan# 1626
Delta R.T. -0.00 min
Lab File: BG043873.D
Acq: 2 Jan 2020 13:42

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	76.0	114.0
116	3.2	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.60 min Scan# 1959

Delta R.T. -0.00 min

Lab File: BG043873.D

Acq: 2 Jan 2020 13:42

Instrument :

BNA_G

ClientSampleId :

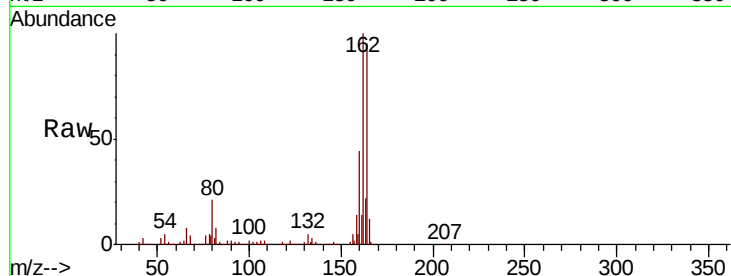
Tot Ion:164 Resp: 369773

Ion Ratio Lower Upper

164 100

162 105.4 83.0 124.4

160 46.1 36.1 54.1

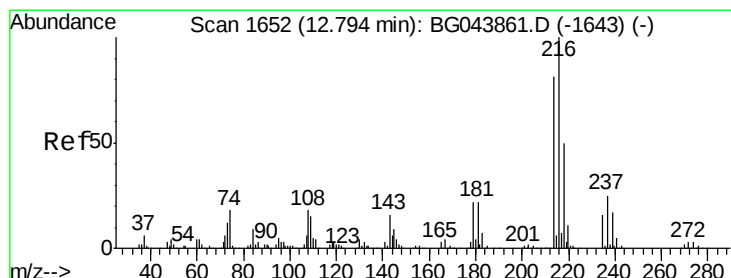
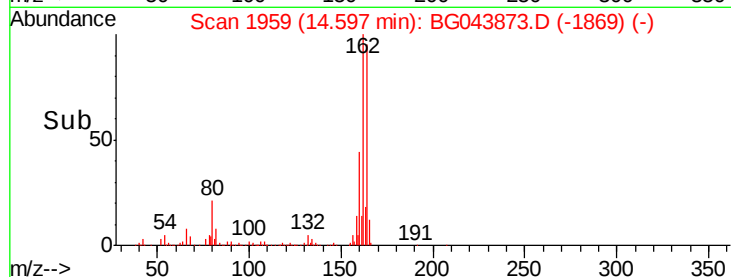
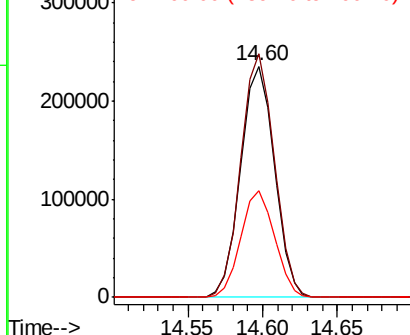


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 4.758 ng

RT: 12.79 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BG043873.D

Acq: 2 Jan 2020 13:42

Tgt Ion:216 Resp: 51568

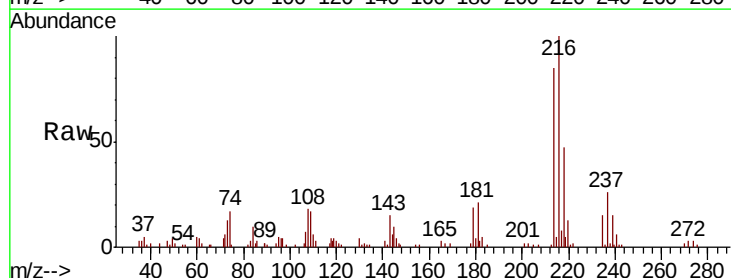
Ion Ratio Lower Upper

216 100

214 78.7 63.8 95.8

179 21.3 17.3 25.9

108 19.5 15.3 22.9



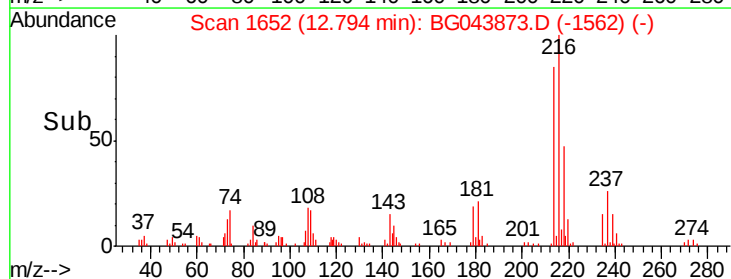
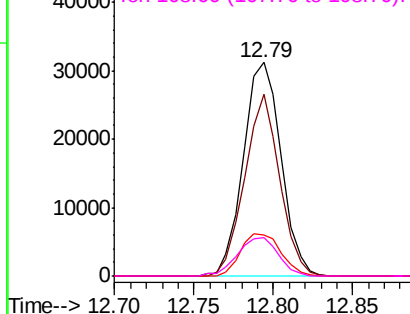
Abundance

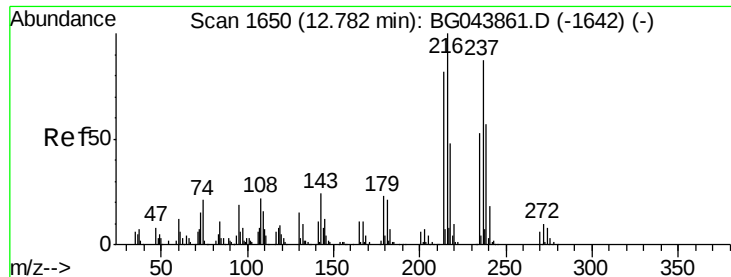
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 4.234 ng

RT: 12.78 min Scan# 1650

Delta R.T. -0.00 min

Lab File: BG043873.D

Acq: 2 Jan 2020 13:42

Instrument :

BNA_G

ClientSampleId :

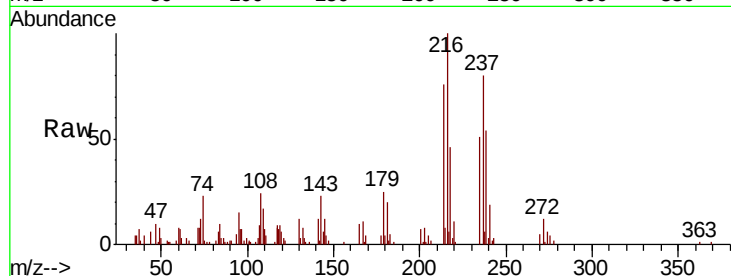
Tot Ion:237 Resp: 23790

Ion	Ratio	Lower	Upper
237	100		
235	62.9	41.1	81.1
272	15.0	0.0	31.7

237 100

235 62.9 41.1 81.1

272 15.0 0.0 31.7

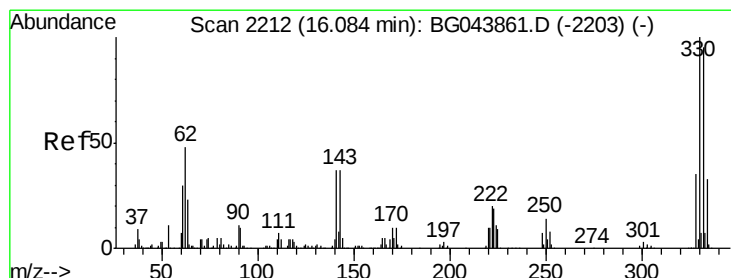
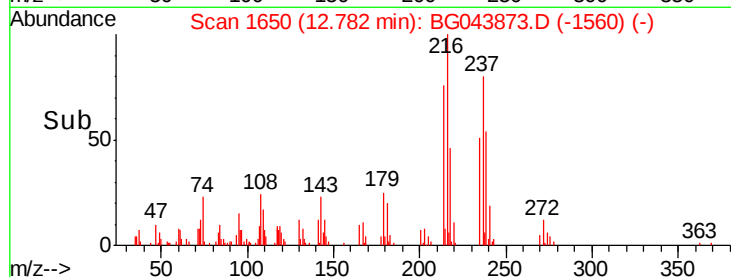
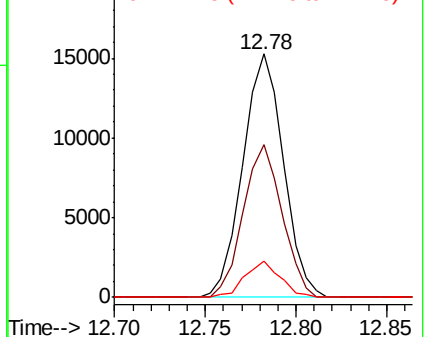


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 144.685 ng

RT: 16.08 min Scan# 2212

Delta R.T. -0.00 min

Lab File: BG043873.D

Acq: 2 Jan 2020 13:42

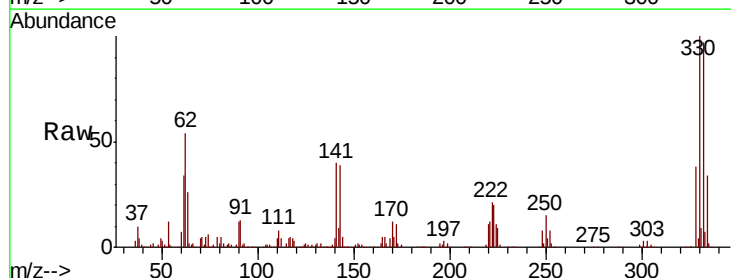
Tgt Ion:330 Resp: 559872

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.2	115.8
141	42.2	33.1	49.7

330 100

332 95.9 77.2 115.8

141 42.2 33.1 49.7

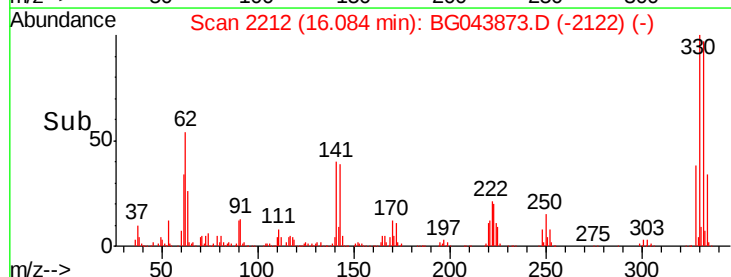
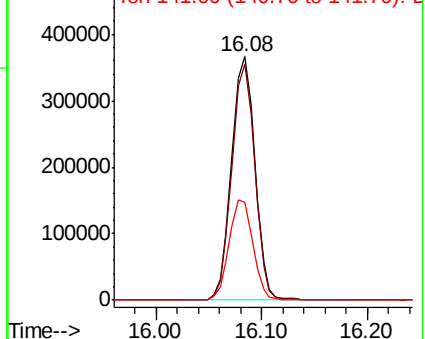


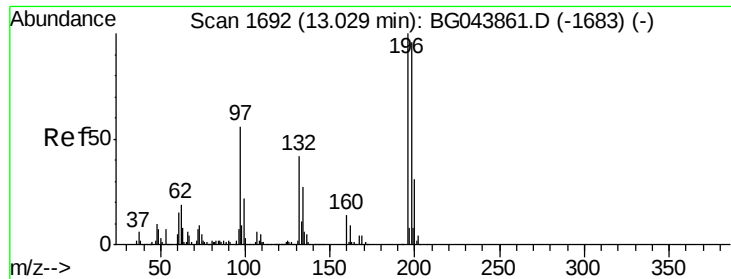
Abundance

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

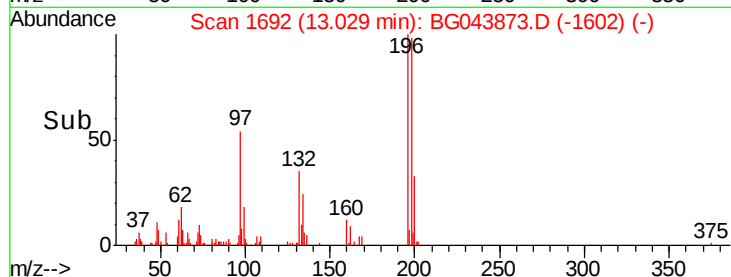
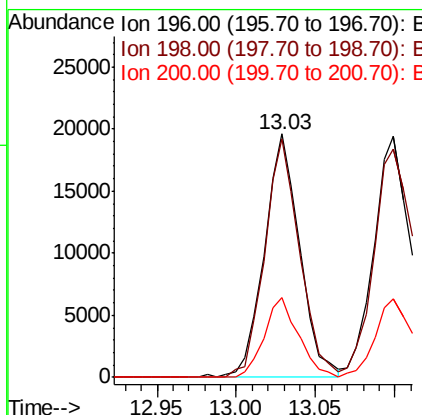
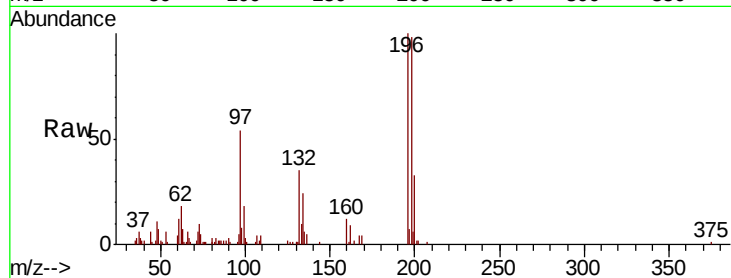




#43
 2,4,6-Trichlorophenol
 Concen: 4.087 ng
 RT: 13.03 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: BG043873.D
 Acq: 2 Jan 2020 13:42

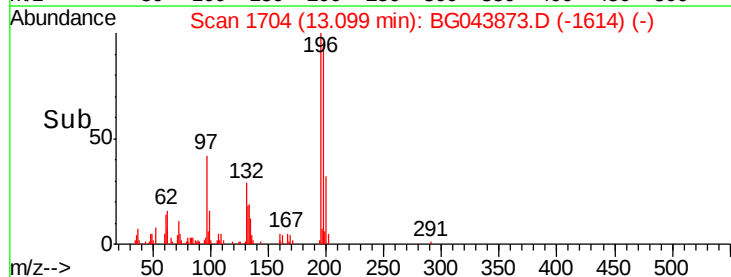
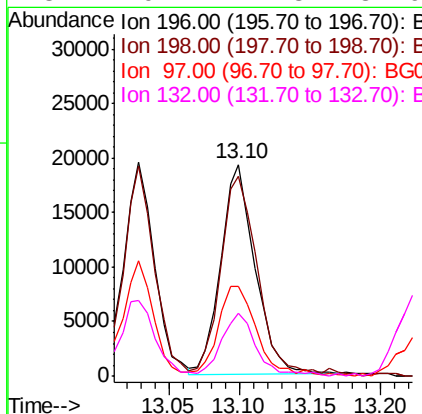
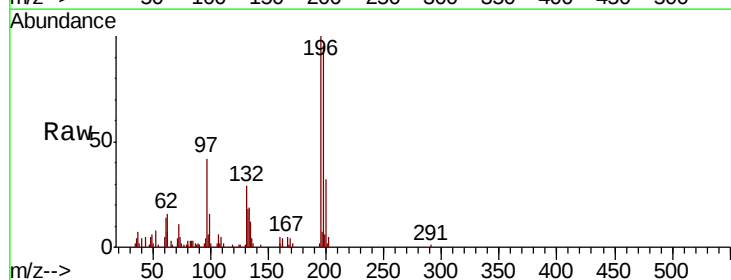
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 30479
 Ion Ratio Lower Upper
 196 100
 198 98.1 76.6 115.0
 200 32.9 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 4.255 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.00 min
 Lab File: BG043873.D
 Acq: 2 Jan 2020 13:42

Tgt Ion:196 Resp: 32725
 Ion Ratio Lower Upper
 196 100
 198 94.6 78.3 117.5
 97 42.4 38.8 58.2
 132 29.4 21.3 31.9

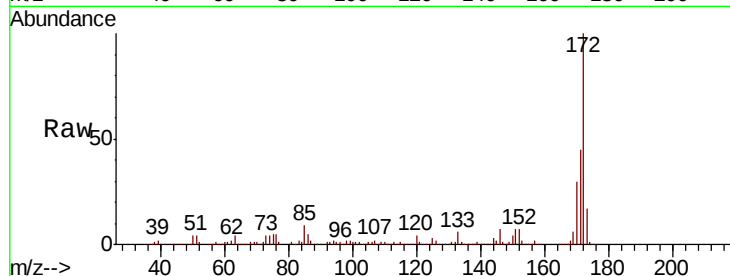




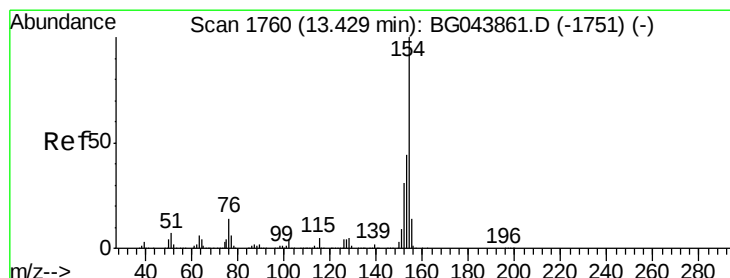
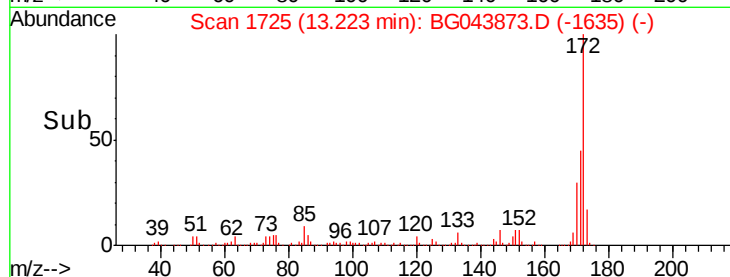
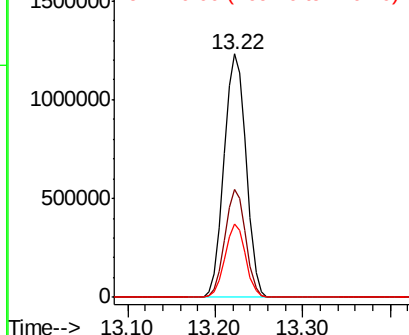
#45
2-Fluorobiphenyl
Concen: 104.289 ng
RT: 13.22 min Scan# 1725
Delta R.T. -0.00 min
Lab File: BG043873.D
Acq: 2 Jan 2020 13:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 2128489
Ion Ratio Lower Upper
172 100
171 44.6 35.8 53.8
170 29.9 24.2 36.4

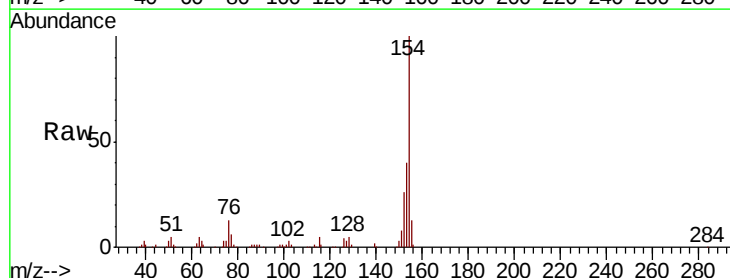


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

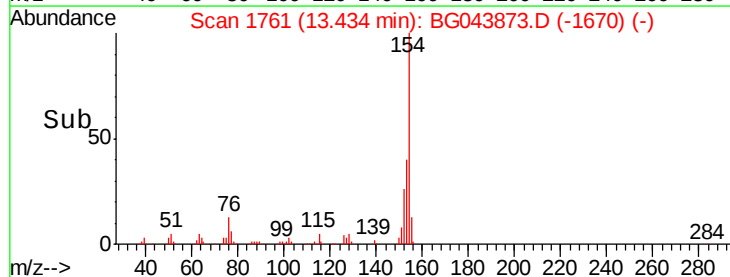
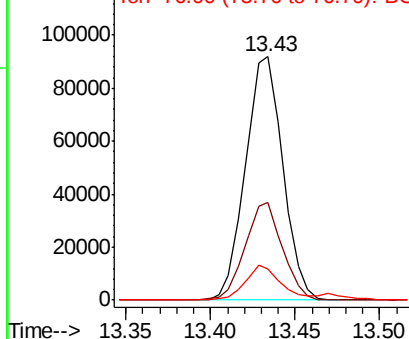


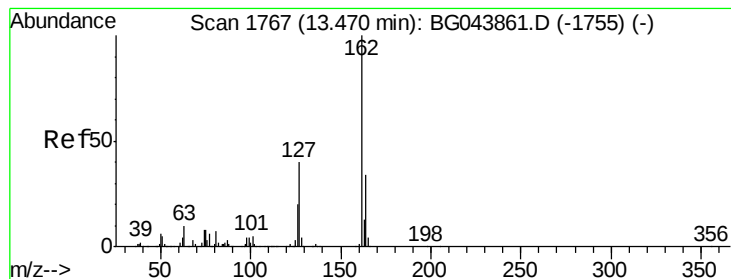
#46
1,1'-Biphenyl
Concen: 5.345 ng
RT: 13.43 min Scan# 1761
Delta R.T. 0.01 min
Lab File: BG043873.D
Acq: 2 Jan 2020 13:42

Tgt Ion:154 Resp: 141720
Ion Ratio Lower Upper
154 100
153 40.4 23.6 63.6
76 13.0 0.0 34.4



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





#47

2-Chloronaphthalene

Concen: 4.835 ng

RT: 13.48 min Scan# 1768

Delta R.T. 0.01 min

Lab File: BG043873.D

Acq: 2 Jan 2020 13:42

Instrument :

BNA_G

ClientSampleId :

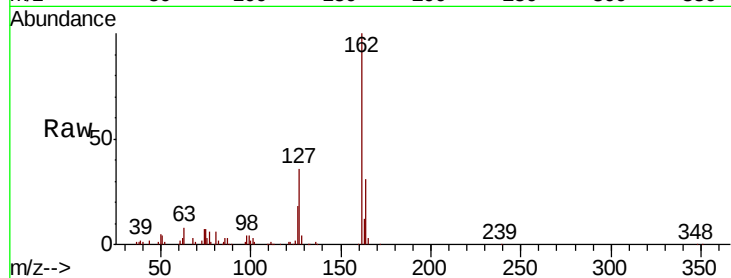
Tot Ion:162 Resp: 103585

Ion Ratio Lower Upper

162 100

127 35.8 32.1 48.1

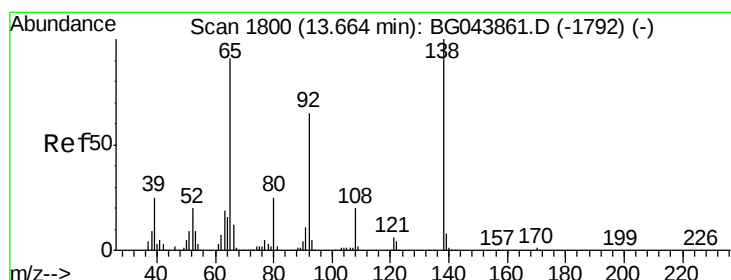
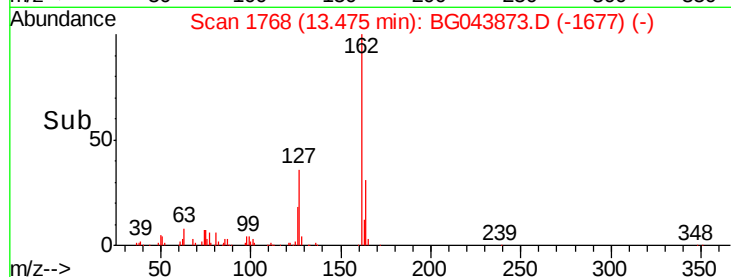
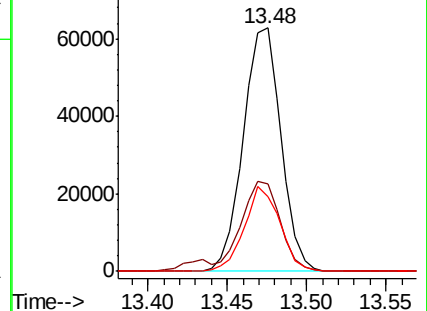
164 30.7 27.5 41.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 3.898 ng

RT: 13.66 min Scan# 1800

Delta R.T. -0.00 min

Lab File: BG043873.D

Acq: 2 Jan 2020 13:42

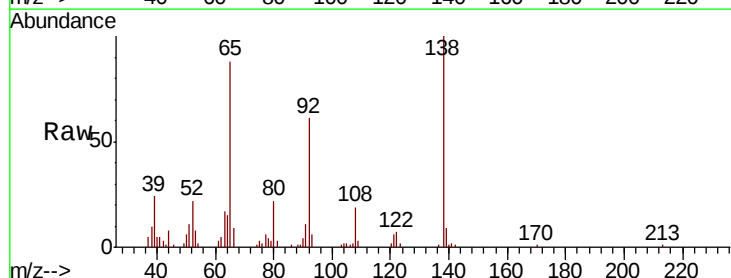
Tgt Ion: 65 Resp: 26865

Ion Ratio Lower Upper

65 100

92 69.0 57.4 86.2

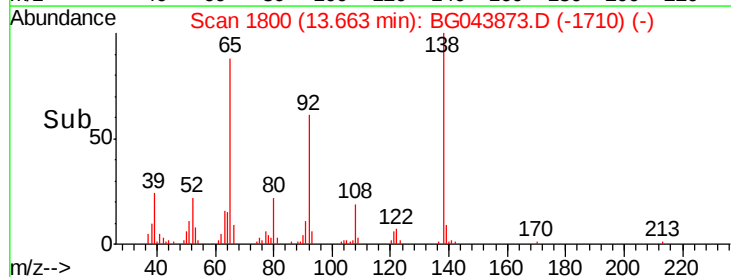
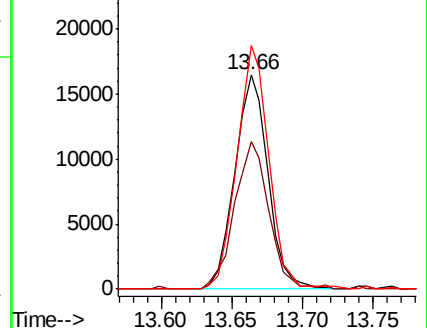
138 113.5 88.2 132.4



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





#49

Acenaphthylene

Concen: 5.561 ng

RT: 14.32 min Scan# 1911

Delta R.T. -0.00 min

Lab File: BG043873.D

Acq: 2 Jan 2020 13:42

Instrument :

BNA_G

ClientSampleId :

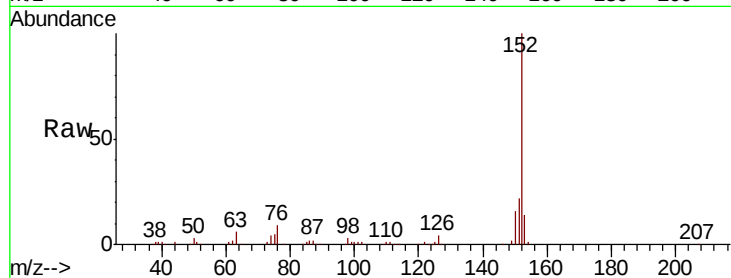
Tot Ion:152 Resp: 171245

Ion Ratio Lower Upper

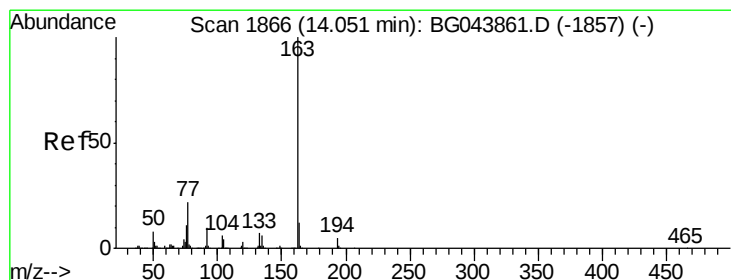
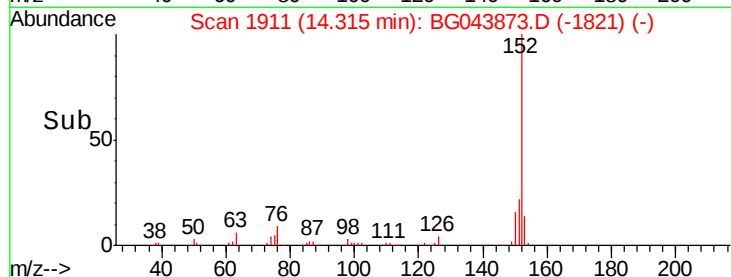
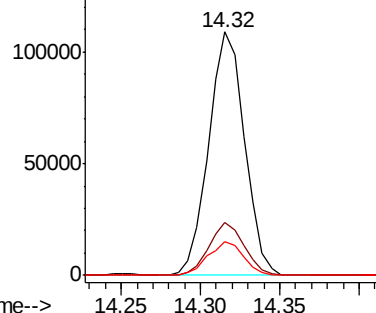
152 100

151 21.7 19.4 29.2

153 13.8 12.0 18.0



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 5.233 ng

RT: 14.05 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BG043873.D

Acq: 2 Jan 2020 13:42

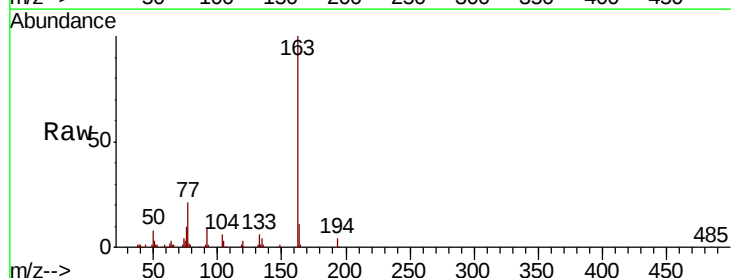
Tgt Ion:163 Resp: 137399

Ion Ratio Lower Upper

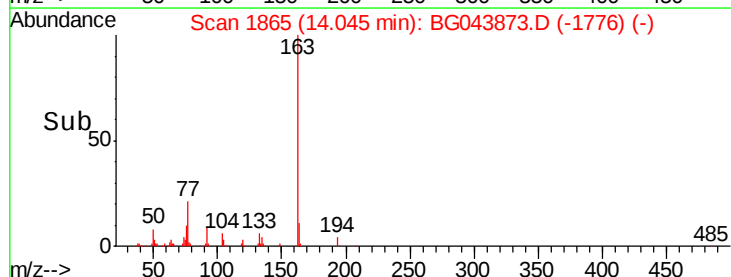
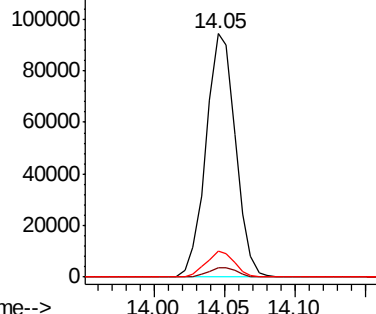
163 100

194 3.9 3.7 5.5

164 10.5 9.3 13.9



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: 4.454 ng

RT: 14.16 min Scan# 1884

Delta R.T. -0.01 min

Lab File: BG043873.D

Acq: 2 Jan 2020 13:42

Instrument :

BNA_G

ClientSampled :

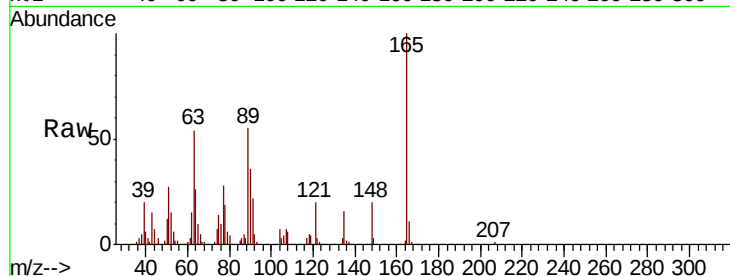
Tot Ion:165 Resp: 26432

Ion Ratio Lower Upper

165 100

63 54.0 43.1 64.7

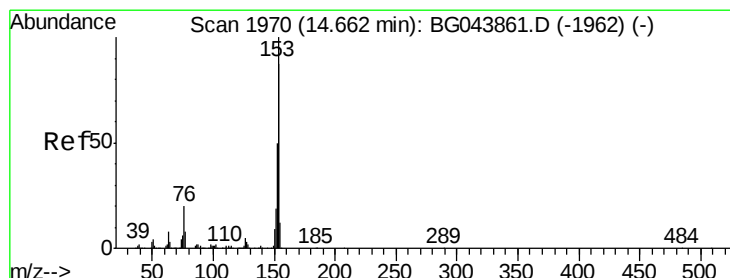
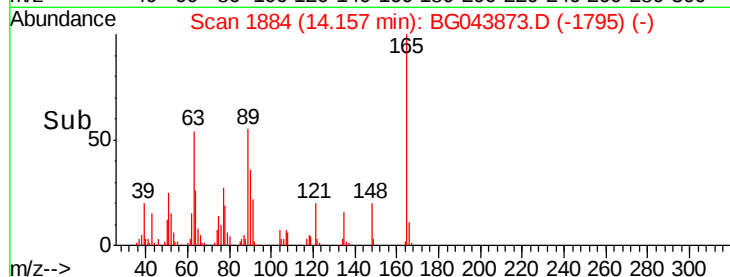
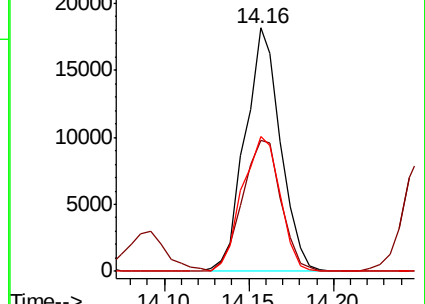
89 55.4 43.8 65.6



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: 4.922 ng

RT: 14.66 min Scan# 1970

Delta R.T. -0.00 min

Lab File: BG043873.D

Acq: 2 Jan 2020 13:42

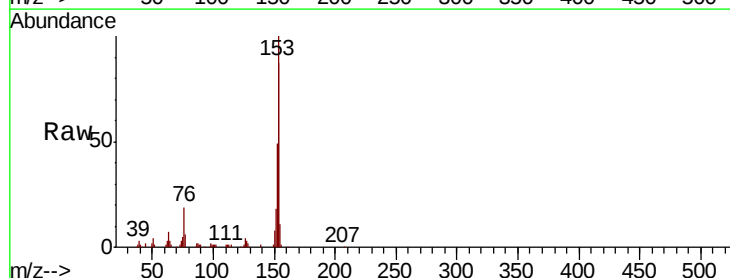
Tgt Ion:154 Resp: 106284

Ion Ratio Lower Upper

154 100

153 114.4 91.6 137.4

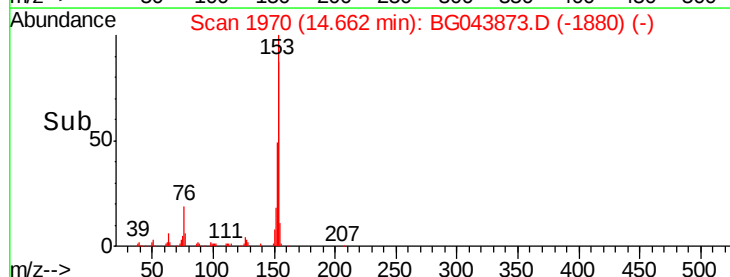
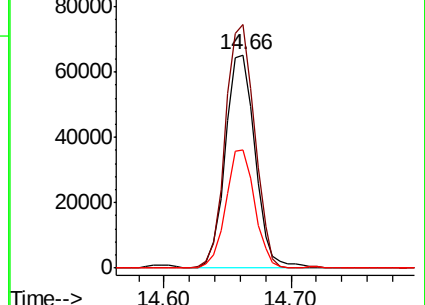
152 55.7 45.4 68.0



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

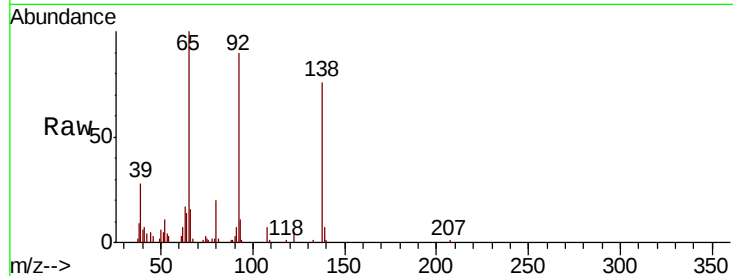




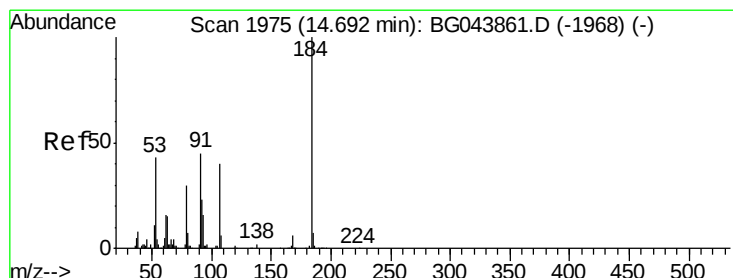
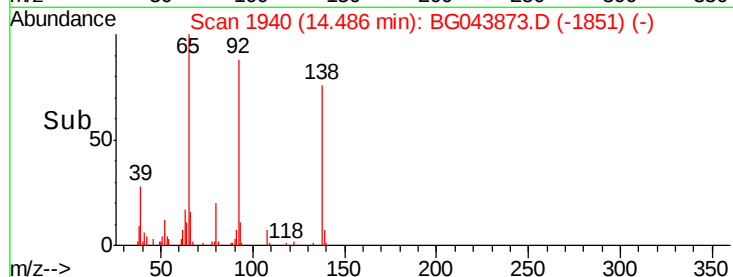
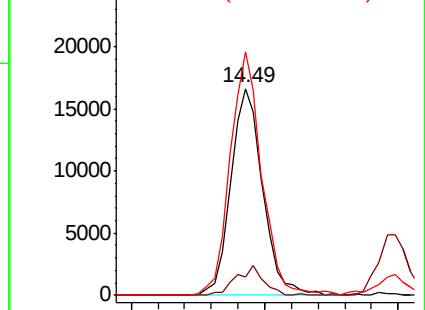
#53
3-Nitroaniline
Concen: 4.103 ng
RT: 14.49 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG043873.D
Acq: 2 Jan 2020 13:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 27651
Ion Ratio Lower Upper
138 100
108 9.0 7.4 11.2
92 117.8 92.1 138.1

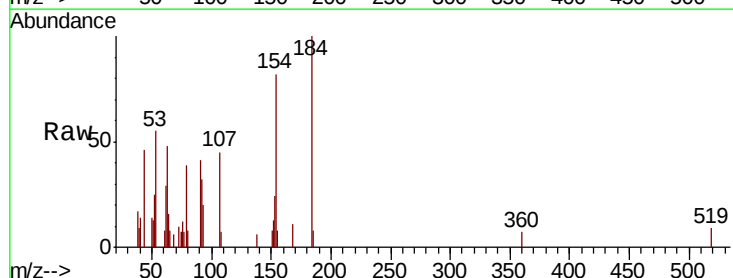


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

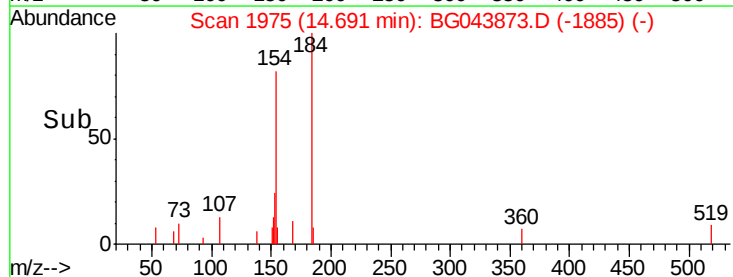
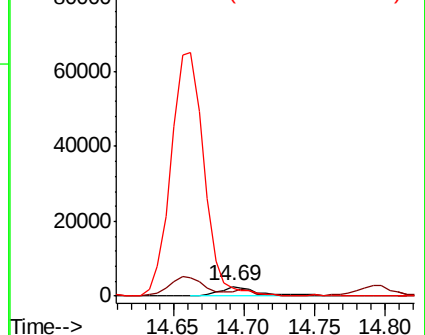


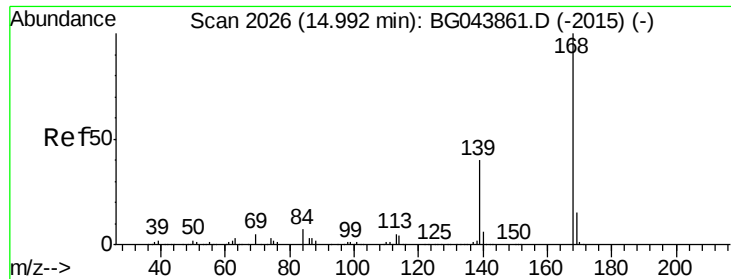
#54
2,4-Dinitrophenol
Concen: 6.958 ng
RT: 14.69 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BG043873.D
Acq: 2 Jan 2020 13:42

Tgt Ion:184 Resp: 4788
Ion Ratio Lower Upper
184 100
63 48.1 46.6 70.0
154 81.8 50.2 75.4#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

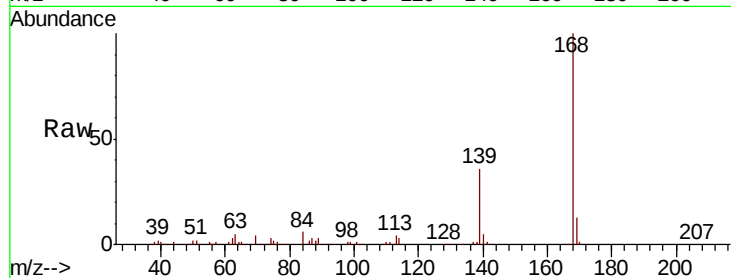




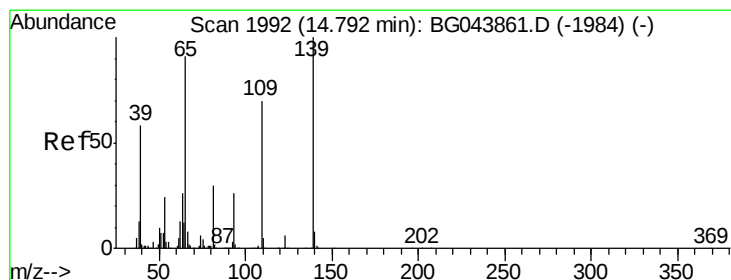
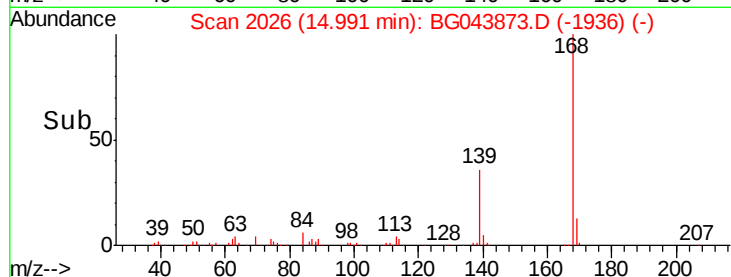
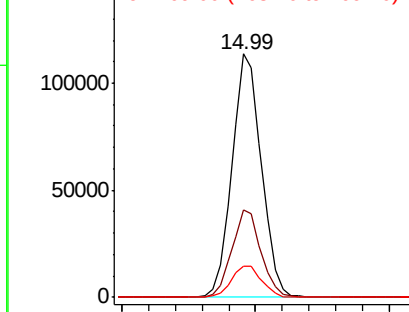
#55
Diben-zofuran
Concen: 5.816 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG043873.D
Acq: 2 Jan 2020 13:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 172904
Ion Ratio Lower Upper
168 100
139 35.8 32.2 48.2
169 12.7 12.2 18.2

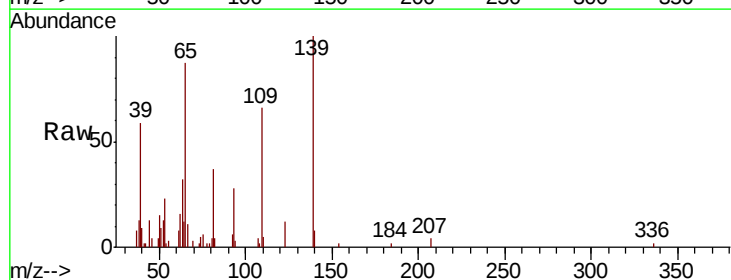


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

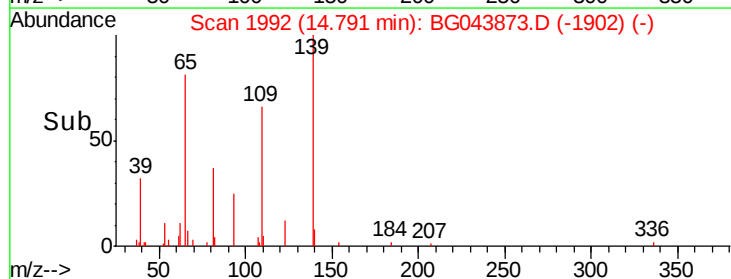
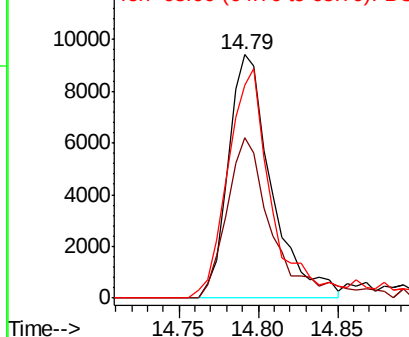


#56
4-Nitrophenol
Concen: 3.434 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.00 min
Lab File: BG043873.D
Acq: 2 Jan 2020 13:42

Tgt Ion:139 Resp: 17731
Ion Ratio Lower Upper
139 100
109 65.8 50.4 90.4
65 87.2 71.4 111.4



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

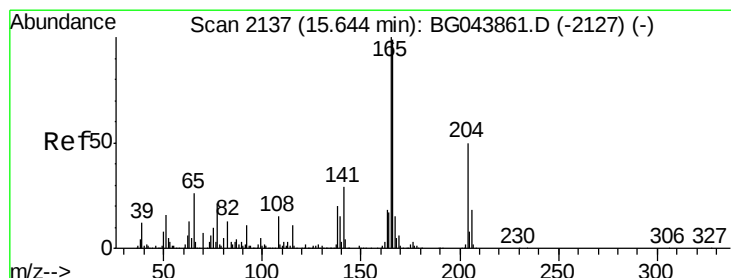
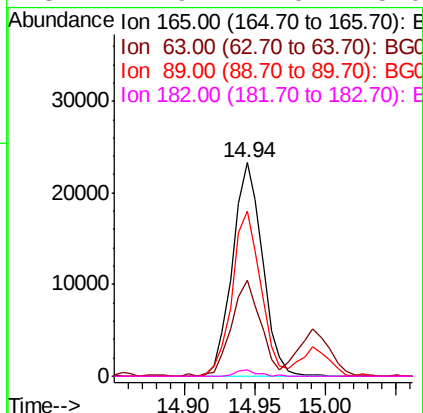
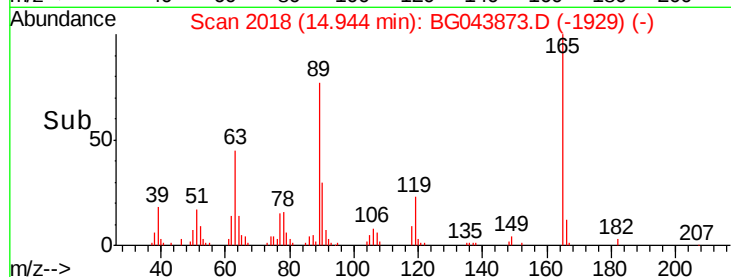
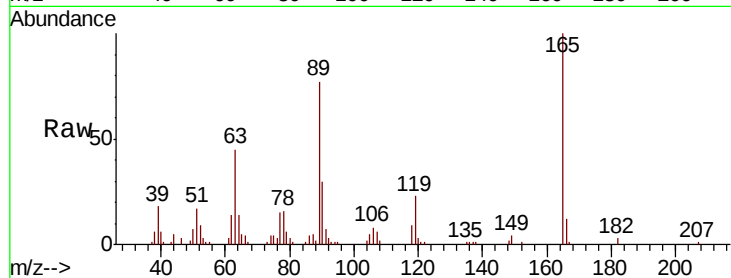




#57
2,4-Dinitrotoluene
Concen: 4.275 ng
RT: 14.94 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BG043873.D
Acq: 2 Jan 2020 13:42

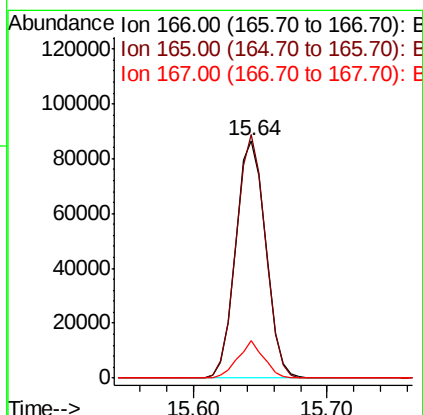
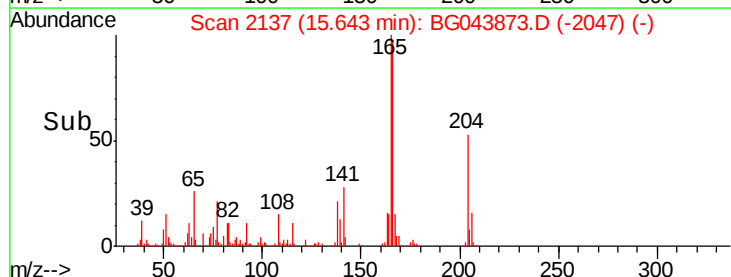
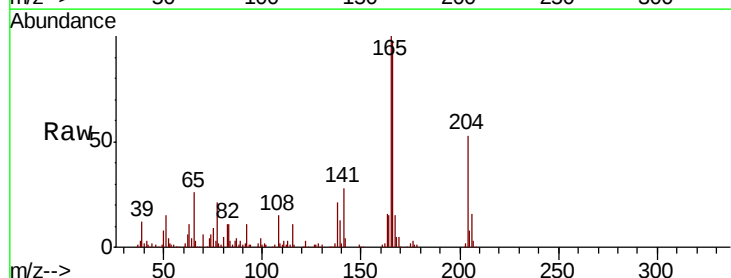
Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 34519
Ion Ratio Lower Upper
165 100
63 44.7 31.9 47.9
89 77.2 53.8 80.6
182 2.9 2.0 3.0



#58
Fluorene
Concen: 5.729 ng
RT: 15.64 min Scan# 2137
Delta R.T. -0.00 min
Lab File: BG043873.D
Acq: 2 Jan 2020 13:42

Tgt Ion:166 Resp: 134988
Ion Ratio Lower Upper
166 100
165 102.6 80.8 121.2
167 15.7 12.1 18.1

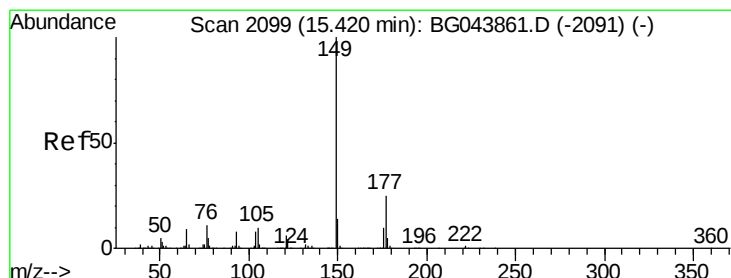
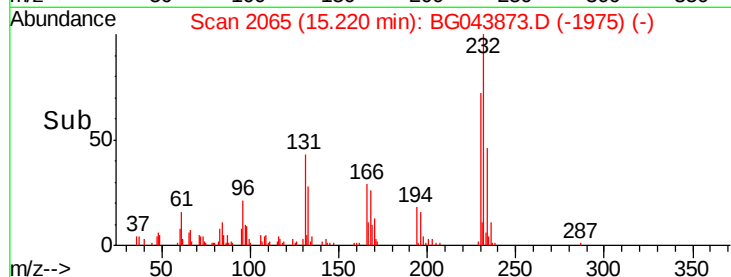
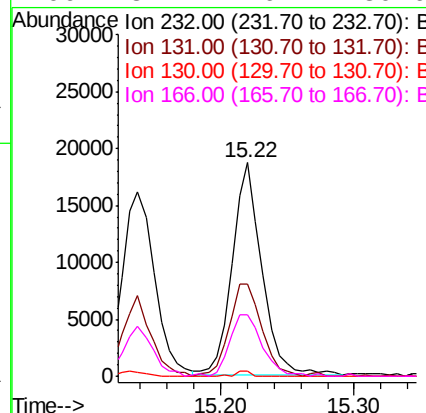
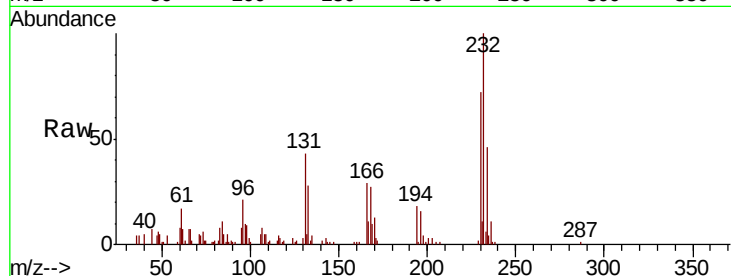




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 4.383 ng
 RT: 15.22 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: BG043873.D
 Acq: 2 Jan 2020 13:42

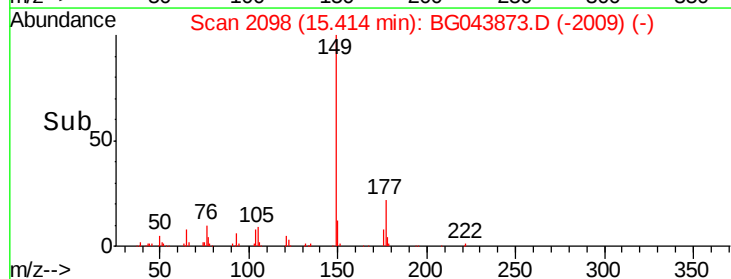
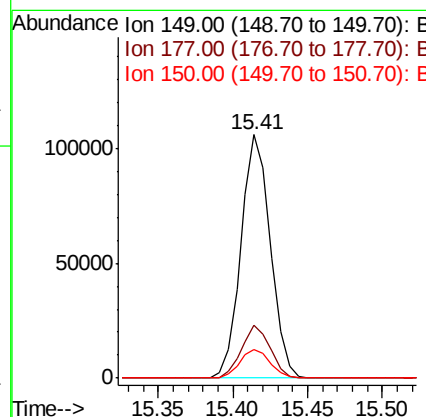
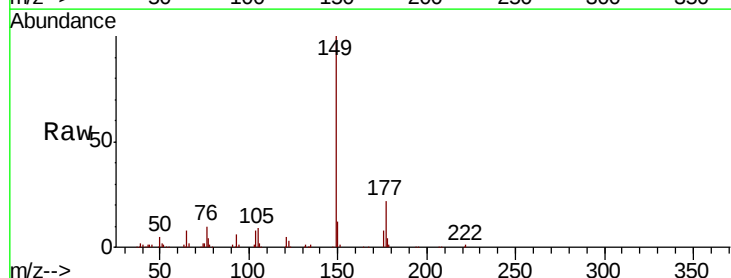
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	48.0	38.2	57.2
130	1.3	2.2	3.2#
166	32.2	26.4	39.6



#60
 Diethylphthalate
 Concen: 5.512 ng
 RT: 15.41 min Scan# 2098
 Delta R.T. -0.01 min
 Lab File: BG043873.D
 Acq: 2 Jan 2020 13:42

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.6	20.0	30.0
150	12.0	11.1	16.7

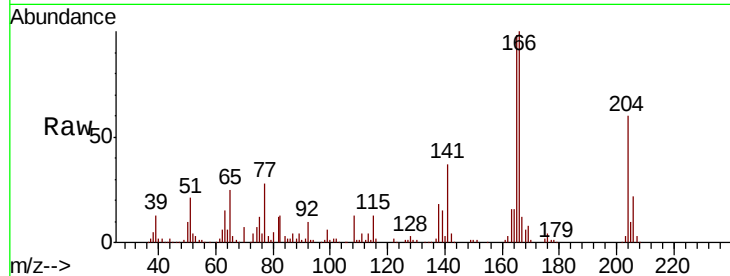




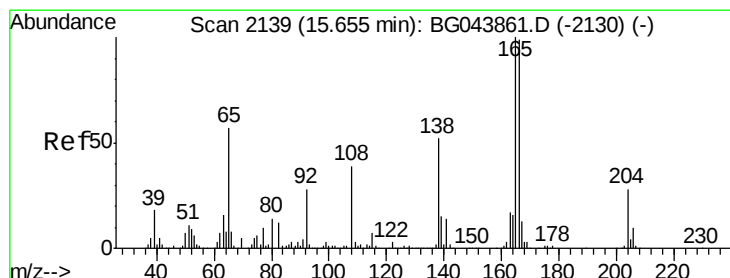
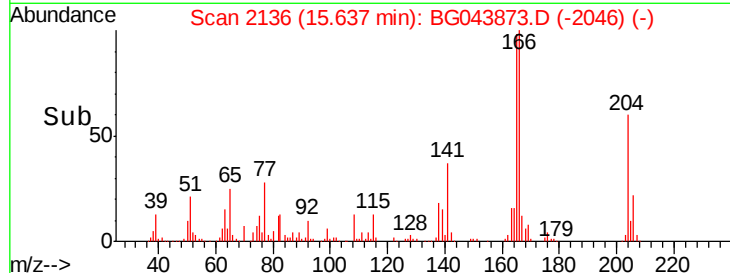
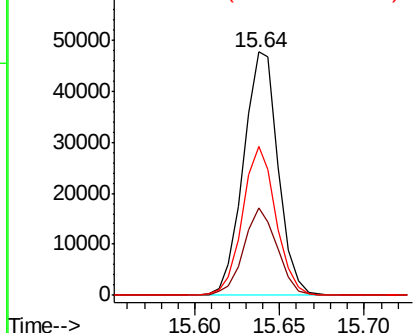
#61
4-Chlorophenyl-phenylether
Concen: 5.318 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BG043873.D
Acq: 2 Jan 2020 13:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 68042
Ion Ratio Lower Upper
204 100
206 35.9 28.2 42.2
141 61.2 48.2 72.2

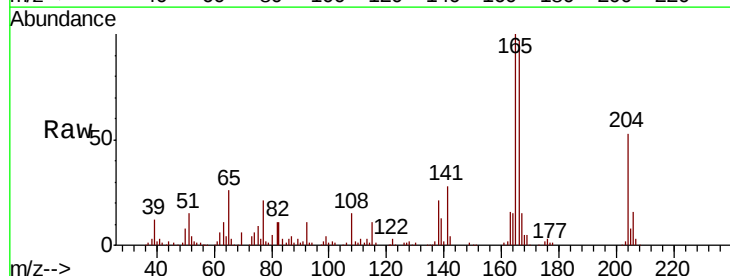


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

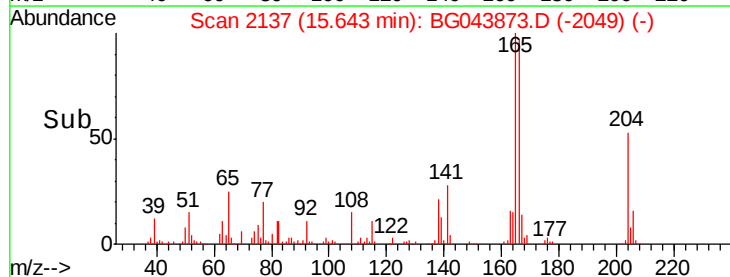
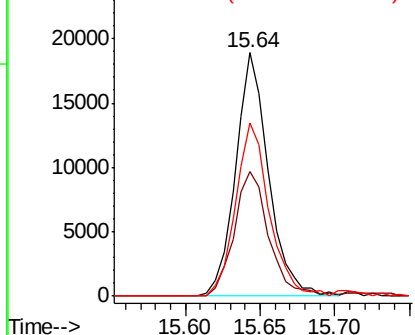


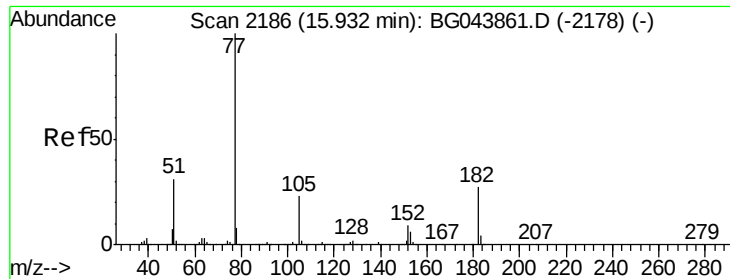
#62
4-Nitroaniline
Concen: 4.354 ng
RT: 15.64 min Scan# 2137
Delta R.T. -0.01 min
Lab File: BG043873.D
Acq: 2 Jan 2020 13:42

Tgt Ion:138 Resp: 28974
Ion Ratio Lower Upper
138 100
92 51.4 34.3 74.3
108 71.0 55.0 95.0



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: 5.622 ng

RT: 15.93 min Scan# 2186

Delta R.T. -0.00 min

Lab File: BG043873.D

Acq: 2 Jan 2020 13:42

Instrument :

BNA_G

ClientSampled :

Tot Ion: 77 Resp: 136911

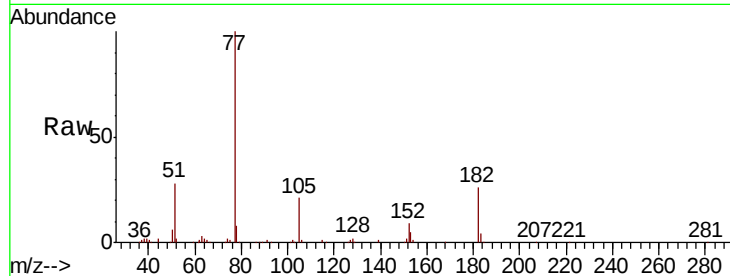
Ion Ratio Lower Upper

77 100

182 26.2 7.3 47.3

105 20.8 3.2 43.2

51 28.0 10.6 50.6

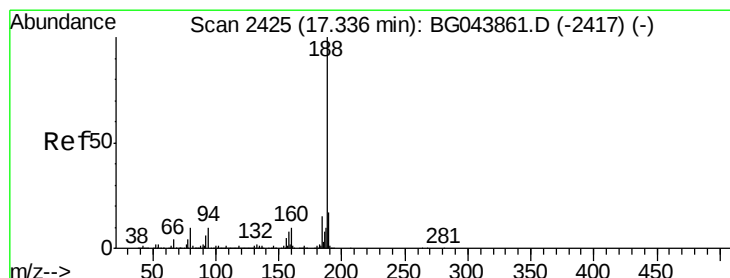
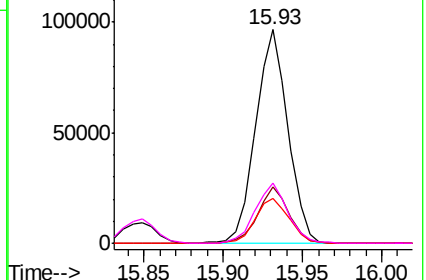
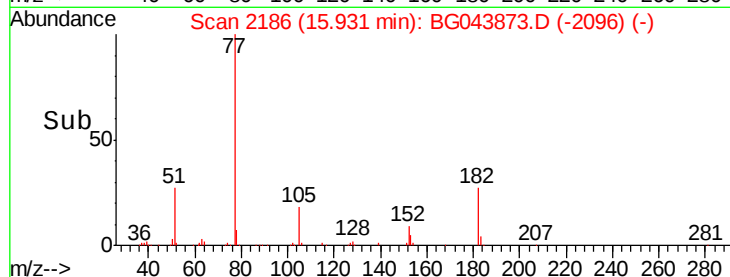


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.34 min Scan# 2426

Delta R.T. 0.01 min

Lab File: BG043873.D

Acq: 2 Jan 2020 13:42

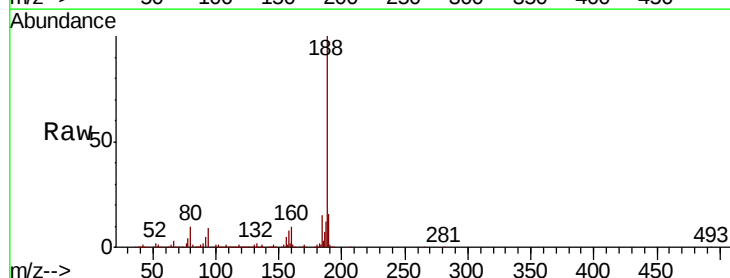
Tgt Ion: 188 Resp: 807208

Ion Ratio Lower Upper

188 100

94 9.3 7.9 11.9

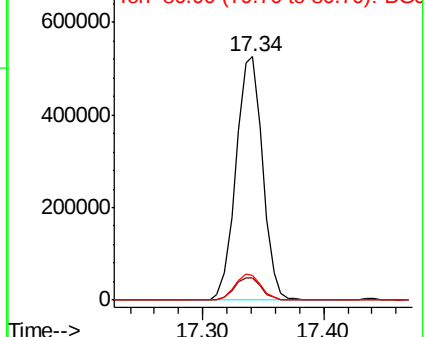
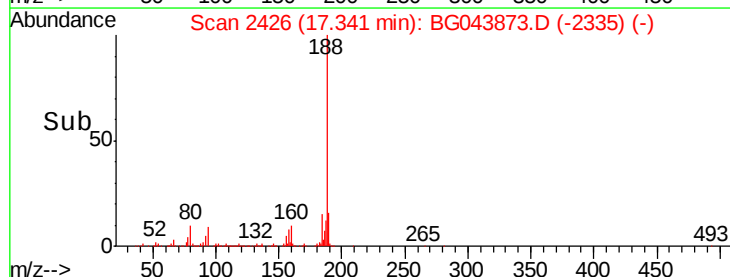
80 10.4 8.2 12.4

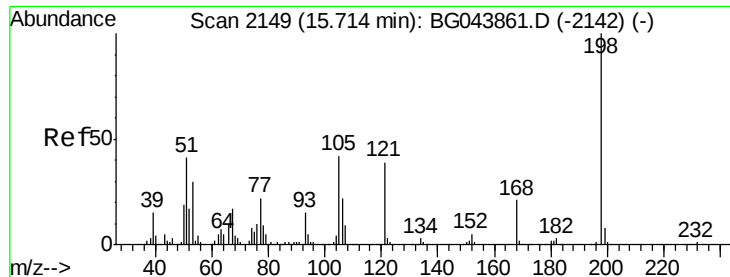


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 6.756 ng

RT: 15.71 min Scan# 2149

Delta R.T. -0.00 min

Lab File: BG043873.D

Acq: 2 Jan 2020 13:42

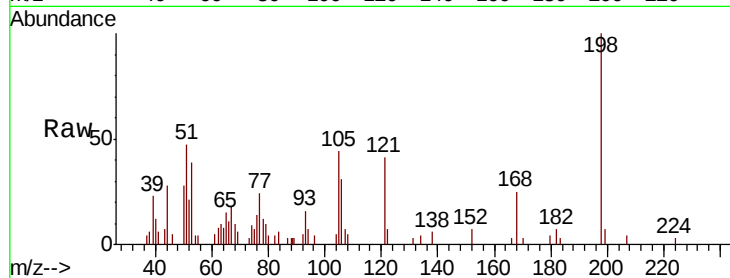
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 10830

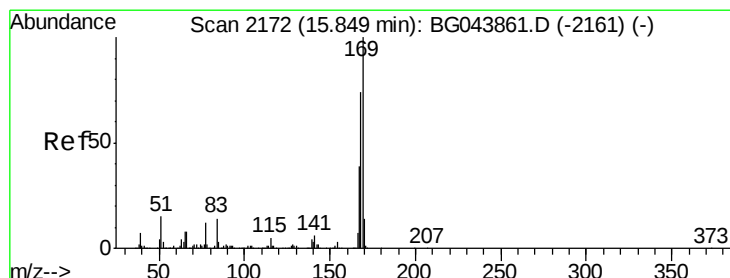
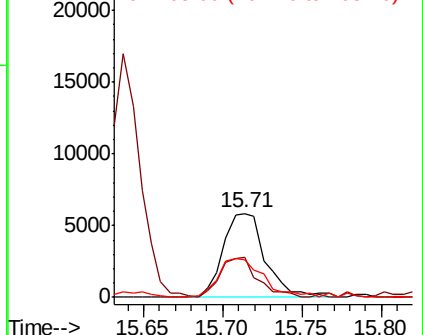
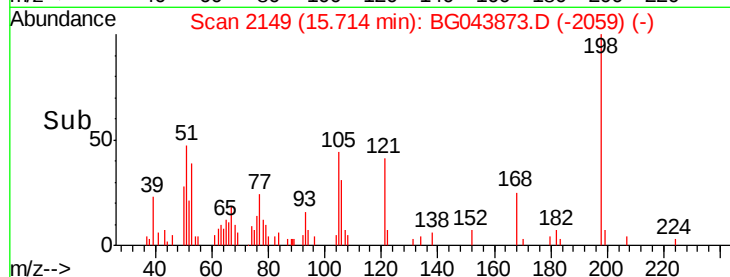
Ion	Ratio	Lower	Upper
198	100		
51	47.3	22.5	62.5
105	43.9	22.3	62.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG043873.D (-2059) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 5.055 ng

RT: 15.85 min Scan# 2172

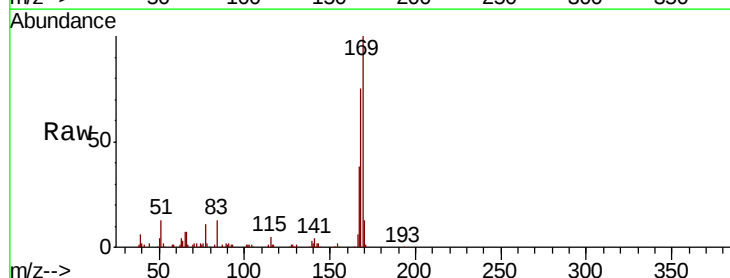
Delta R.T. -0.00 min

Lab File: BG043873.D

Acq: 2 Jan 2020 13:42

Tgt Ion:169 Resp: 120159

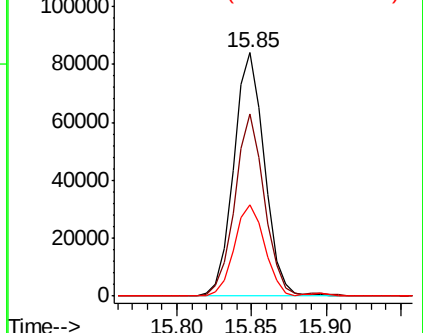
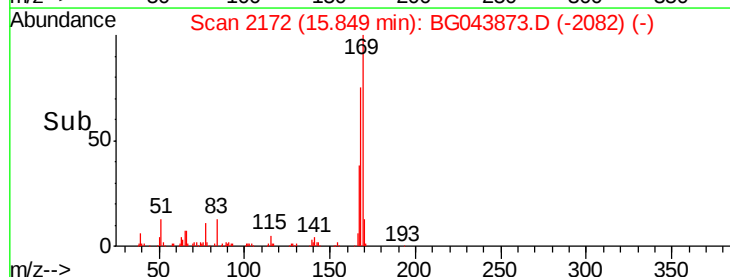
Ion	Ratio	Lower	Upper
169	100		
168	74.6	59.0	88.6
167	37.6	31.4	47.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

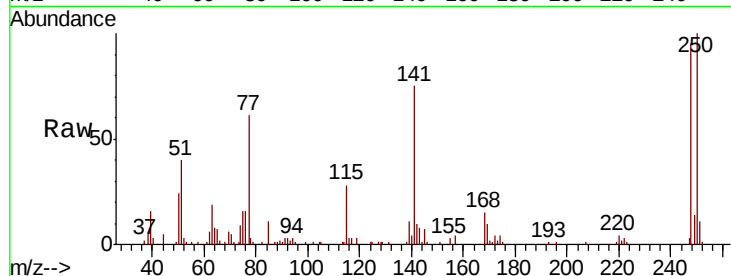




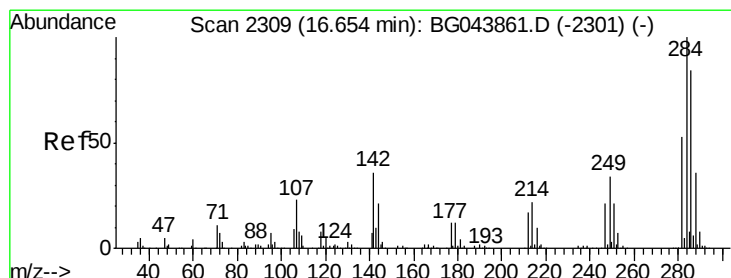
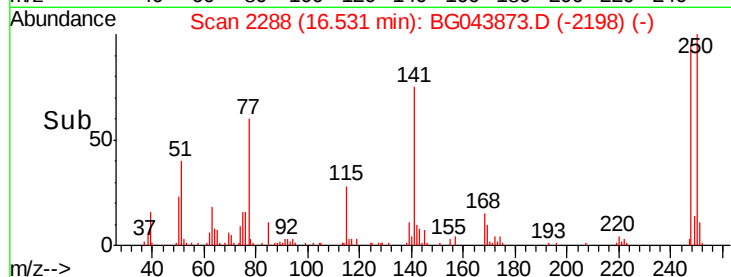
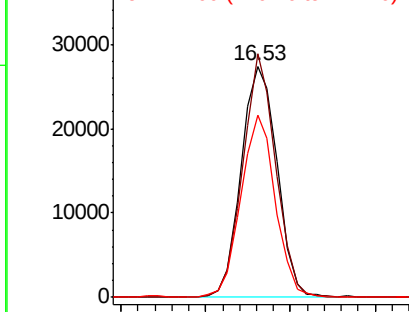
#67
4-Bromophenyl-phenylether
Concen: 4.455 ng
RT: 16.53 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BG043873.D
Acq: 2 Jan 2020 13:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 40447
Ion Ratio Lower Upper
248 100
250 105.3 78.2 117.2
141 78.9 59.3 88.9

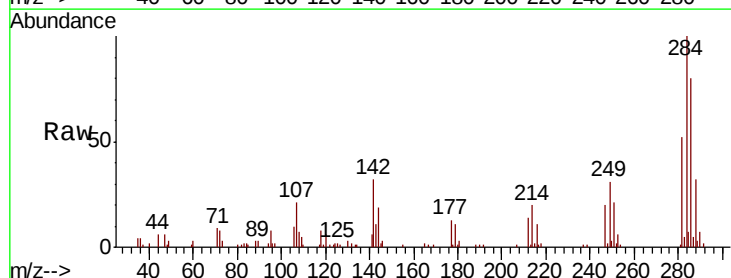


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

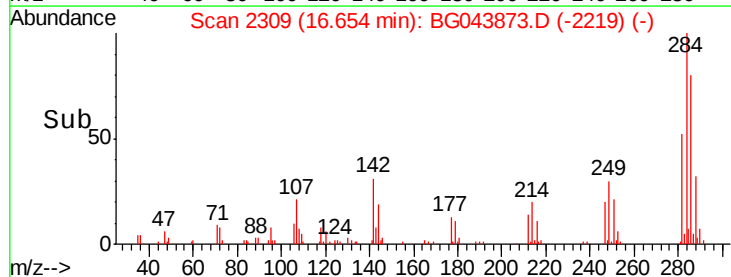
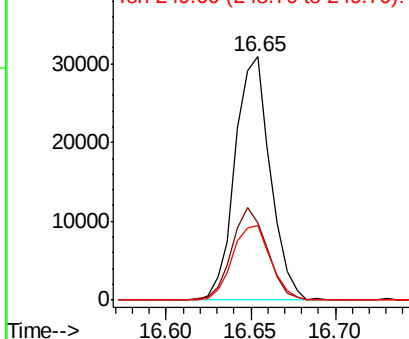


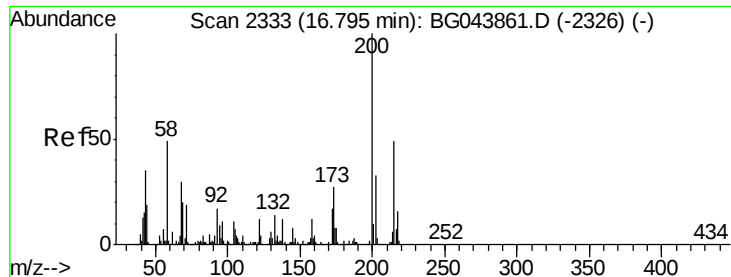
#68
Hexachlorobenzene
Concen: 4.589 ng
RT: 16.65 min Scan# 2309
Delta R.T. -0.00 min
Lab File: BG043873.D
Acq: 2 Jan 2020 13:42

Tgt Ion:284 Resp: 44887
Ion Ratio Lower Upper
284 100
142 31.6 28.6 43.0
249 30.9 27.0 40.6



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 4.731 ng

RT: 16.79 min Scan# 2333

Delta R.T. -0.00 min

Lab File: BG043873.D

Acq: 2 Jan 2020 13:42

Instrument :

BNA_G

ClientSampleId :

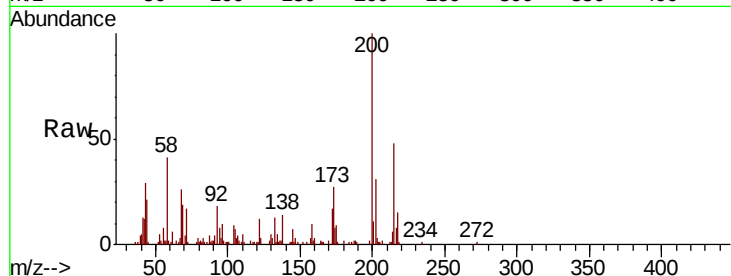
Tot Ion:200 Resp: 36556

Ion Ratio Lower Upper

200 100

173 27.4 6.6 46.6

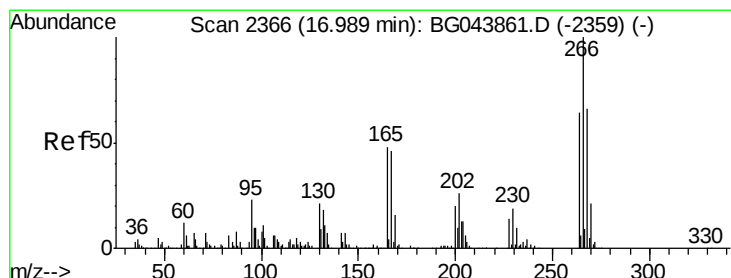
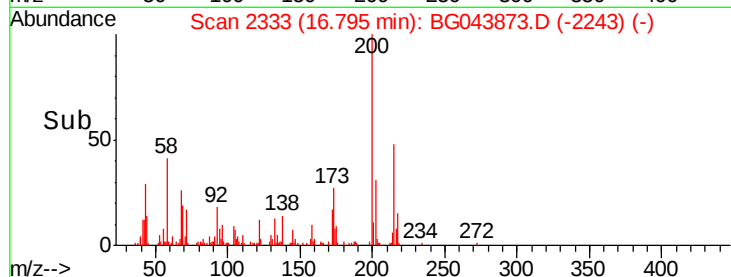
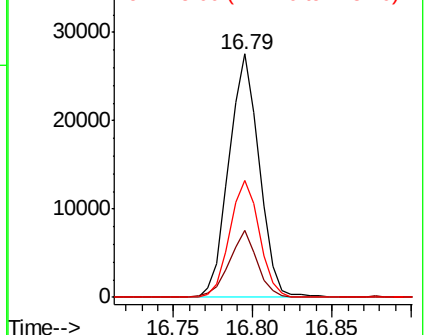
215 48.3 28.6 68.6



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: 2.431 ng

RT: 16.99 min Scan# 2366

Delta R.T. -0.00 min

Lab File: BG043873.D

Acq: 2 Jan 2020 13:42

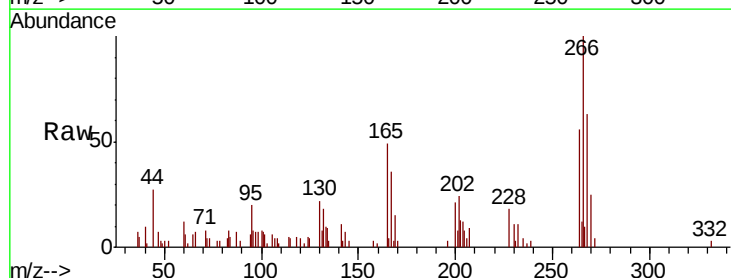
Tgt Ion:266 Resp: 13112

Ion Ratio Lower Upper

266 100

268 62.7 52.6 79.0

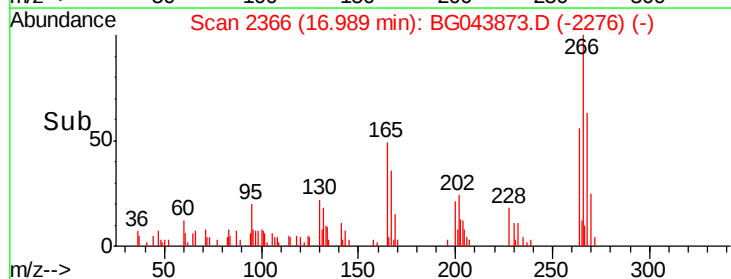
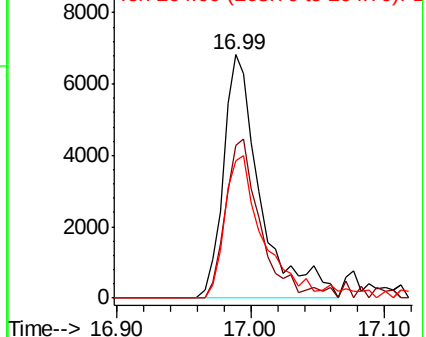
264 56.5 50.8 76.2



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: 5.713 ng

RT: 17.38 min Scan# 2433

Delta R.T. -0.00 min

Lab File: BG043873.D

Acq: 2 Jan 2020 13:42

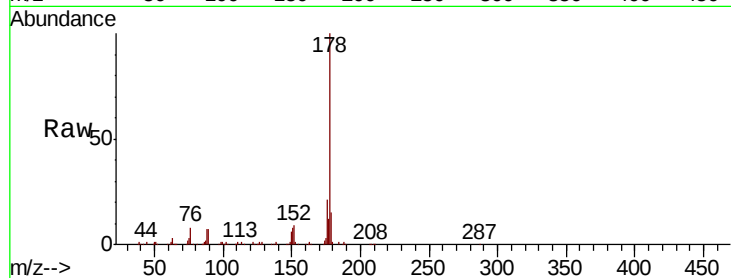
Instrument :

BNA_G

ClientSampleId :

Tot Ion:178 Resp: 221190

Ion	Ratio	Lower	Upper
178	100		
176	21.3	18.6	28.0
179	14.8	14.4	21.6

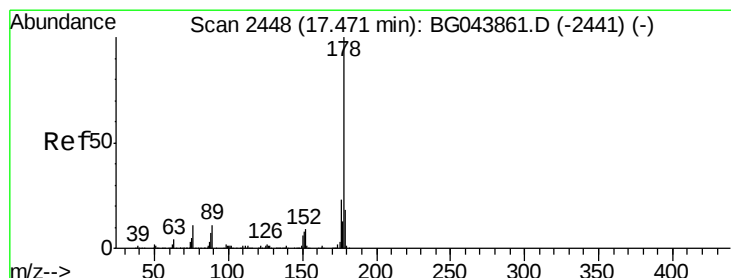
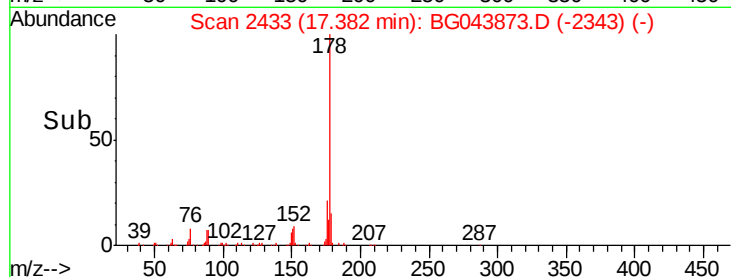
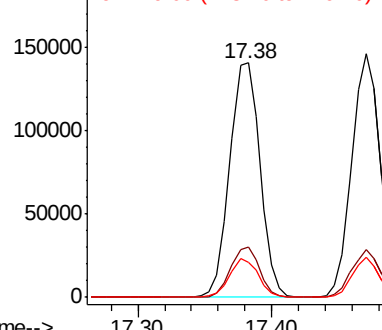


Abundance

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: 5.695 ng

RT: 17.47 min Scan# 2448

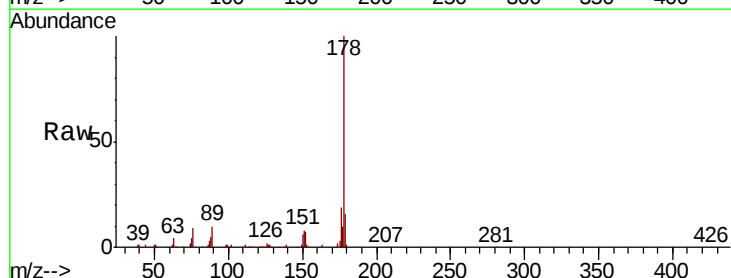
Delta R.T. -0.00 min

Lab File: BG043873.D

Acq: 2 Jan 2020 13:42

Tgt Ion:178 Resp: 217932

Ion	Ratio	Lower	Upper
178	100		
176	19.4	18.3	27.5
179	16.2	14.6	22.0

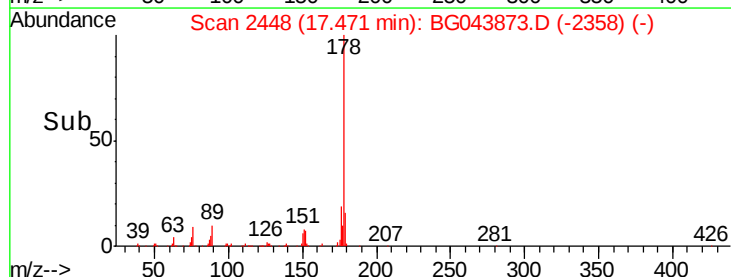
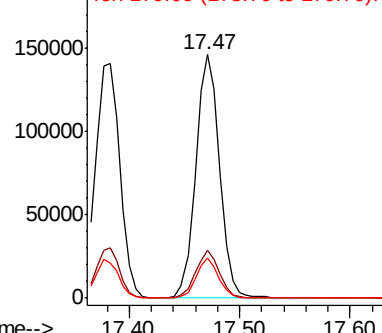


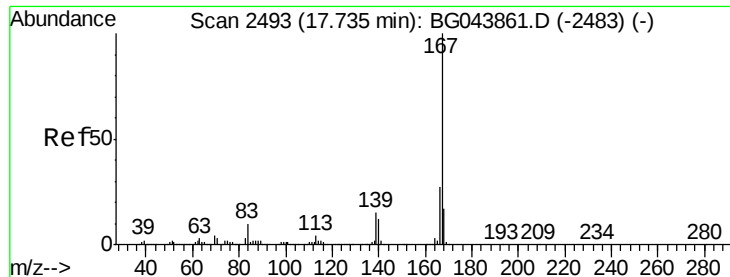
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

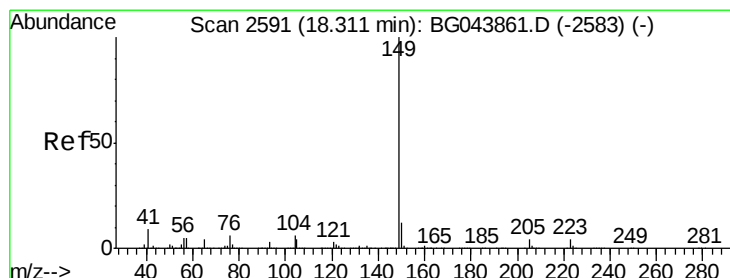
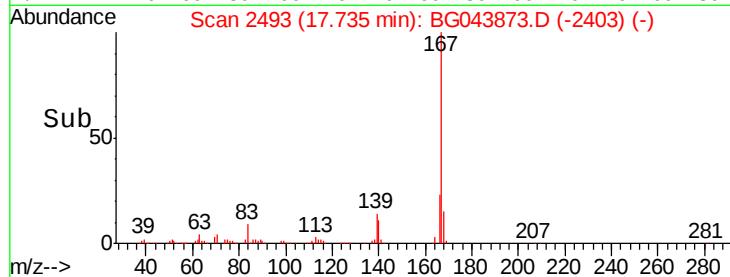
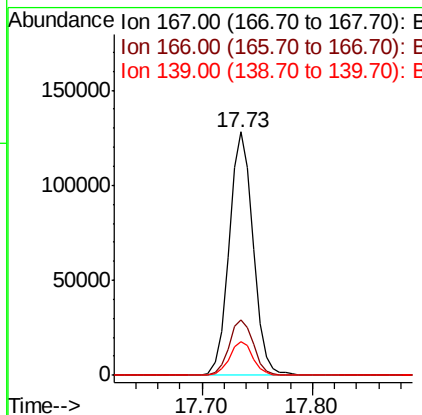
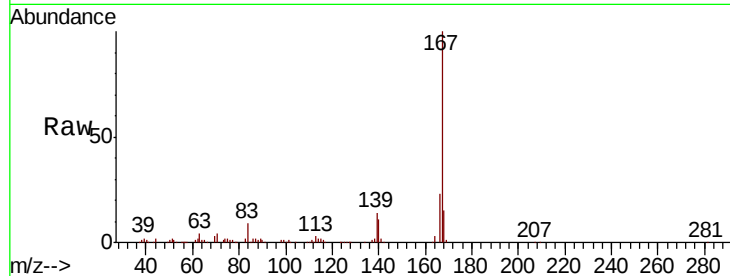




#73
 Carbazole
 Concen: 5.516 ng
 RT: 17.73 min Scan# 2493
 Delta R.T. -0.00 min
 Lab File: BG043873.D
 Acq: 2 Jan 2020 13:42

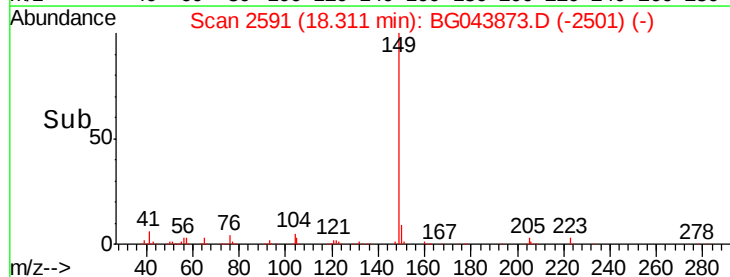
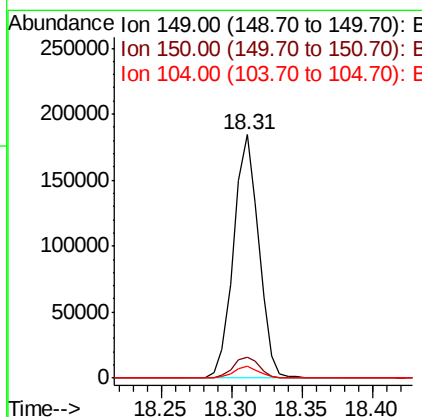
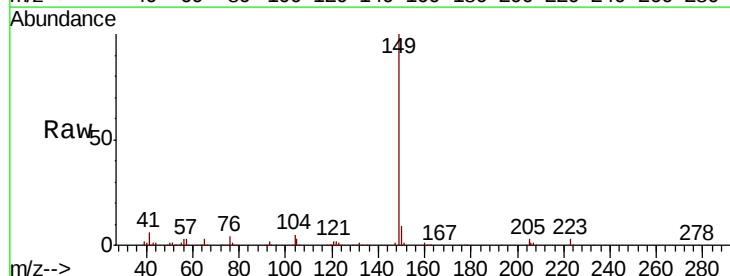
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.7	21.6	32.4
139	14.1	12.1	18.1



#74
 Di-n-butylphthalate
 Concen: 5.083 ng
 RT: 18.31 min Scan# 2591
 Delta R.T. -0.00 min
 Lab File: BG043873.D
 Acq: 2 Jan 2020 13:42

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.6	9.7	14.5#
104	4.7	5.0	7.4#





#75

Fluoranthene

Concen: 5.568 ng

RT: 19.39 min Scan# 2774

Delta R.T. -0.00 min

Lab File: BG043873.D

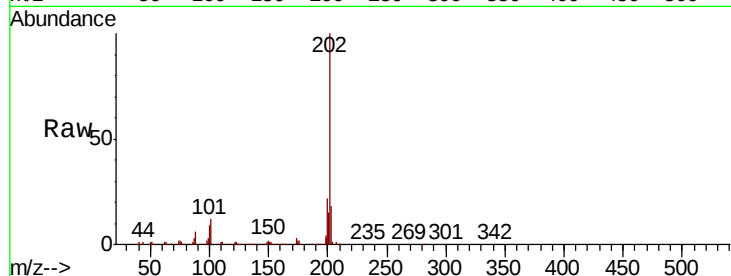
Acq: 2 Jan 2020 13:42

Instrument :

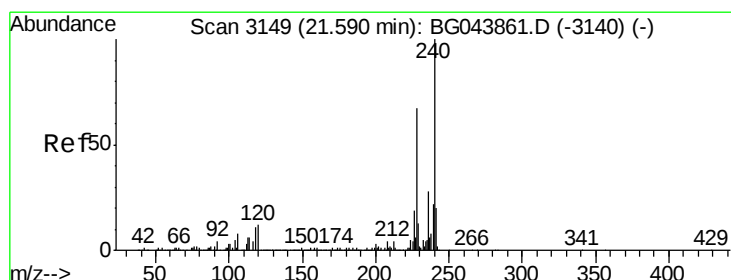
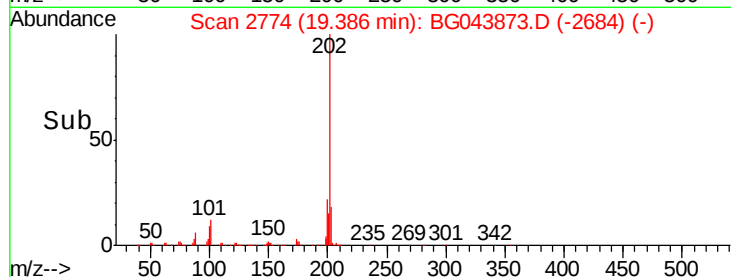
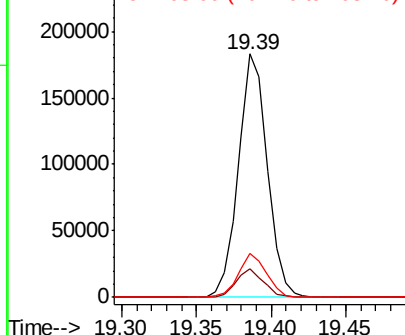
BNA_G

ClientSampleId :

Tot Ion:	202	Resp:	246567
Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	33.3
203	17.8	1.6	41.6



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

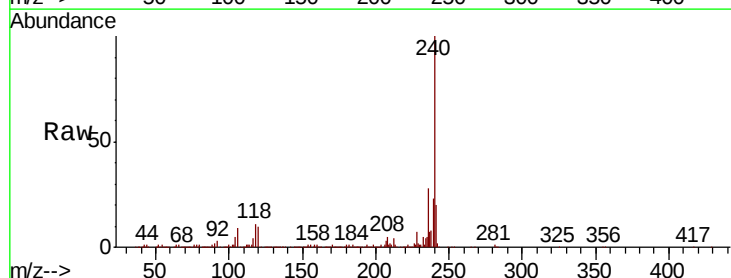
RT: 21.59 min Scan# 3149

Delta R.T. -0.00 min

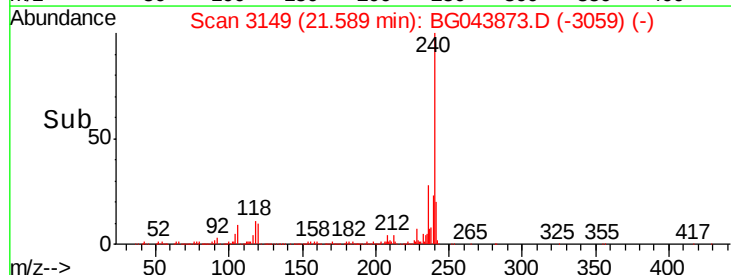
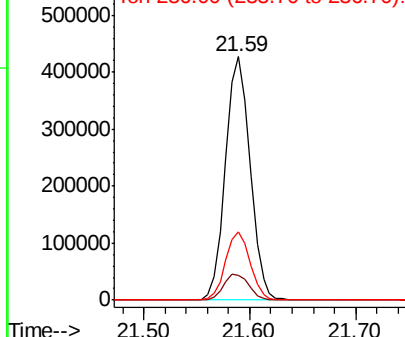
Lab File: BG043873.D

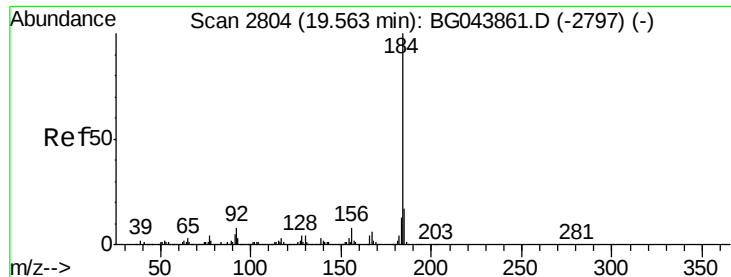
Acq: 2 Jan 2020 13:42

Tgt Ion:	240	Resp:	688317
Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.6	14.4
236	28.2	22.2	33.2



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: 4.509 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.00 min

Lab File: BG043873.D

Acq: 2 Jan 2020 13:42

Instrument :

BNA_G

ClientSampleId :

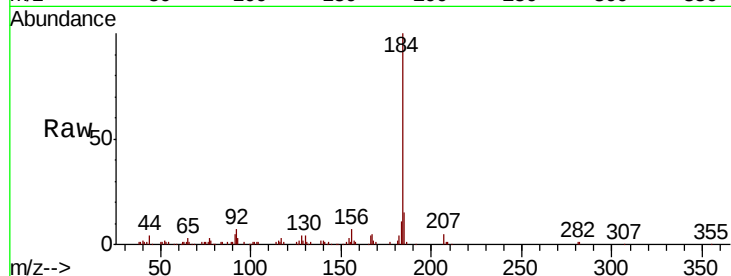
Tot Ion:184 Resp: 78006

Ion Ratio Lower Upper

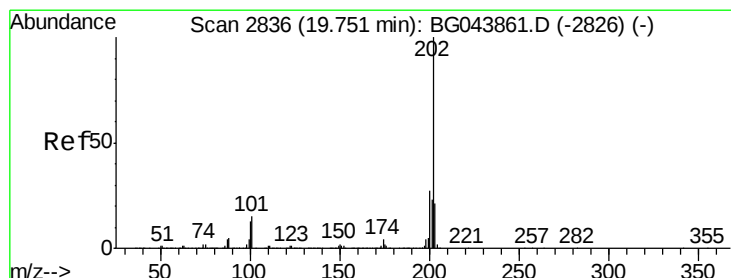
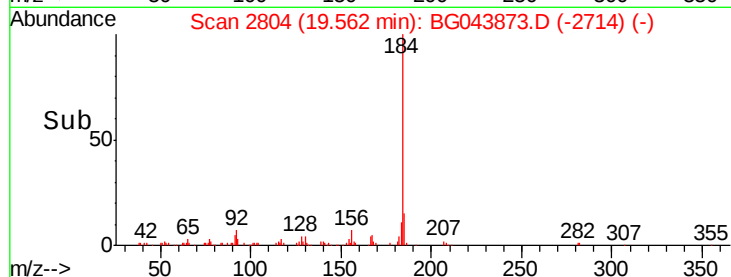
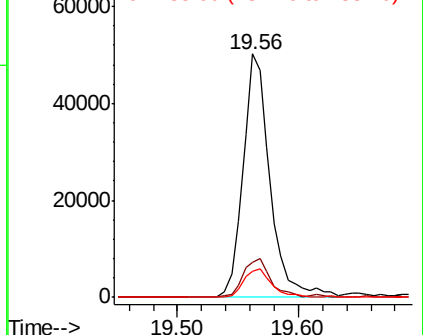
184 100

185 14.6 13.4 20.0

183 10.9 10.6 15.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 5.488 ng

RT: 19.39 min Scan# 2774

Delta R.T. -0.36 min

Lab File: BG043873.D

Acq: 2 Jan 2020 13:42

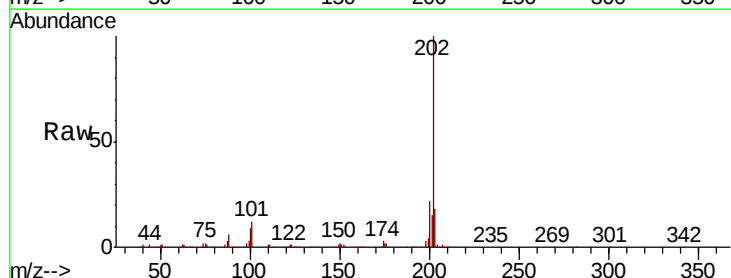
Tgt Ion:202 Resp: 246567

Ion Ratio Lower Upper

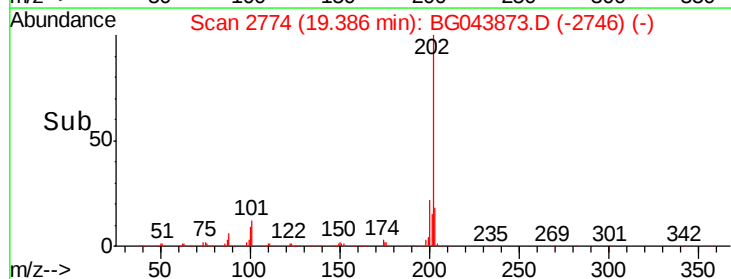
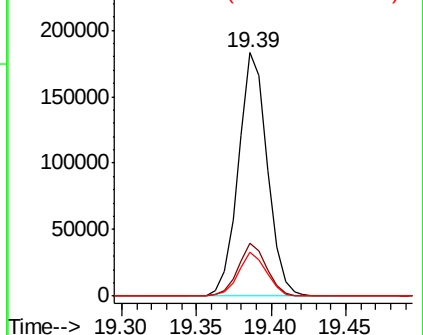
202 100

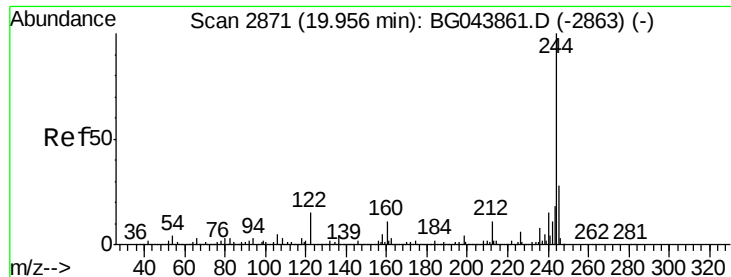
200 21.7 21.7 32.5

203 17.8 17.0 25.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 104.285 ng

RT: 19.96 min Scan# 2871

Delta R.T. -0.00 min

Lab File: BG043873.D

Acq: 2 Jan 2020 13:42

Instrument :

BNA_G

ClientSampleId :

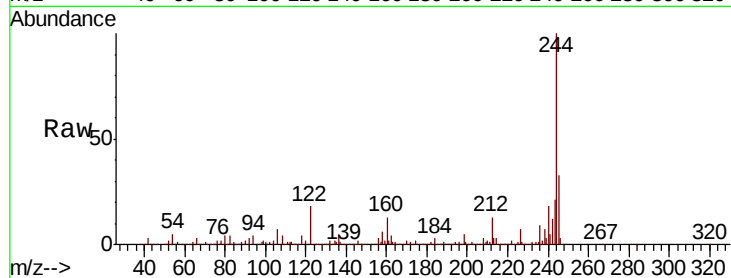
Tot Ion:244 Resp: 2810903

Ion Ratio Lower Upper

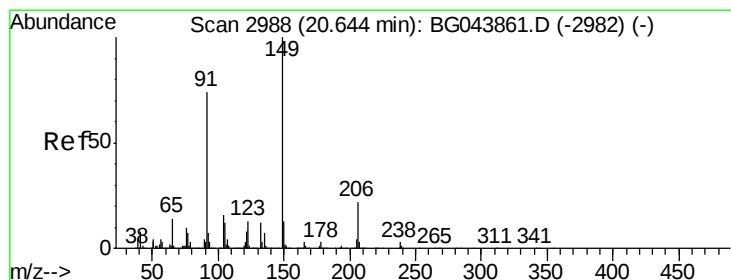
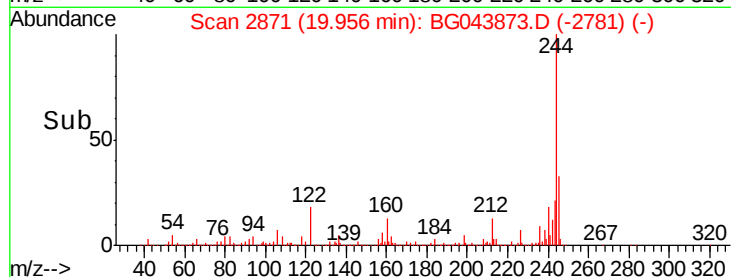
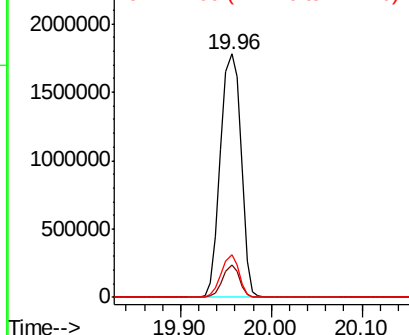
244 100

212 13.1 8.6 13.0#

122 17.8 11.9 17.9



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: 4.073 ng

RT: 20.64 min Scan# 2988

Delta R.T. -0.00 min

Lab File: BG043873.D

Acq: 2 Jan 2020 13:42

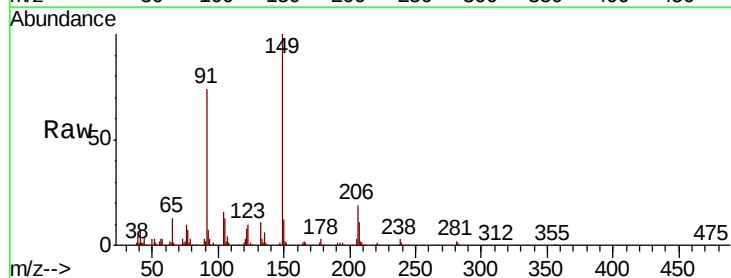
Tgt Ion:149 Resp: 87123

Ion Ratio Lower Upper

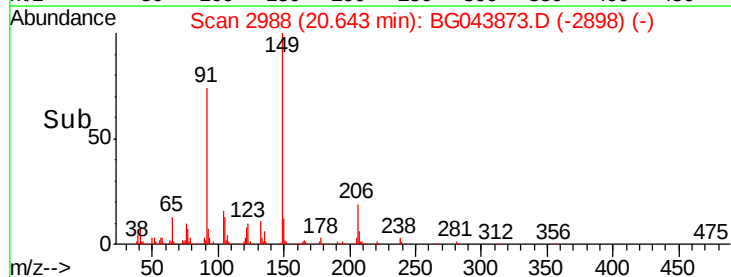
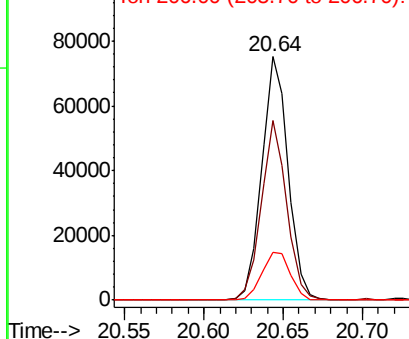
149 100

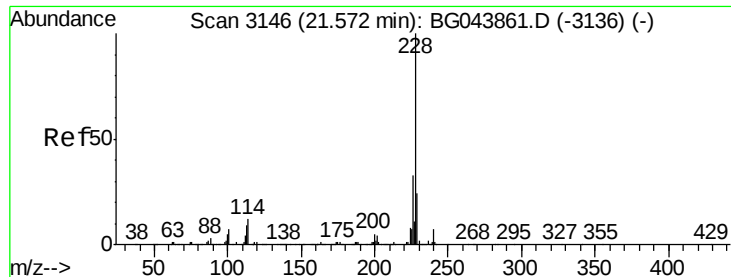
91 73.6 59.5 89.3

206 19.4 17.8 26.6



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: 5.555 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG043873.D

Acq: 2 Jan 2020 13:42

Instrument :

BNA_G

ClientSampleId :

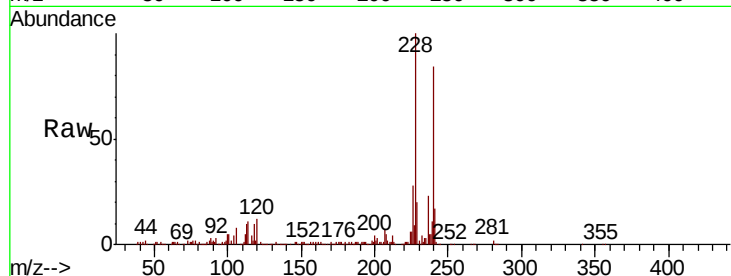
Tot Ion:228 Resp: 237087

Ion Ratio Lower Upper

228 100

226 28.2 26.2 39.4

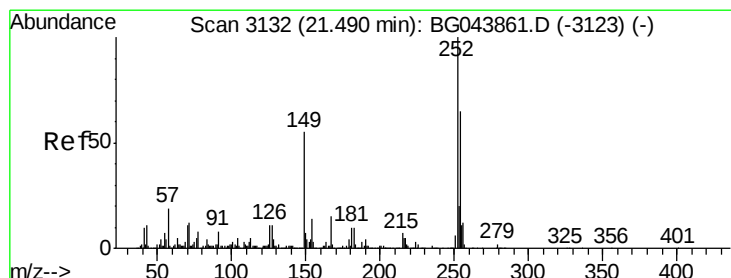
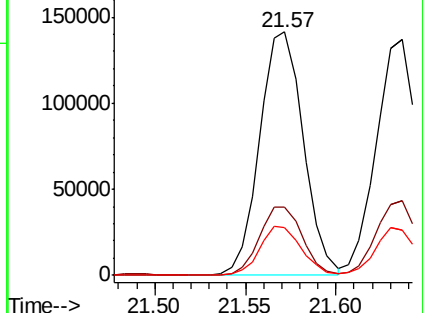
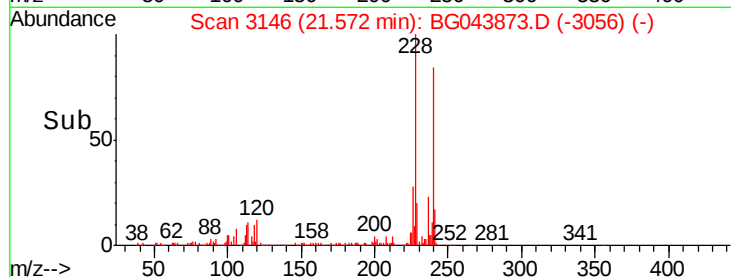
229 19.8 18.9 28.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 4.877 ng

RT: 21.49 min Scan# 3132

Delta R.T. -0.00 min

Lab File: BG043873.D

Acq: 2 Jan 2020 13:42

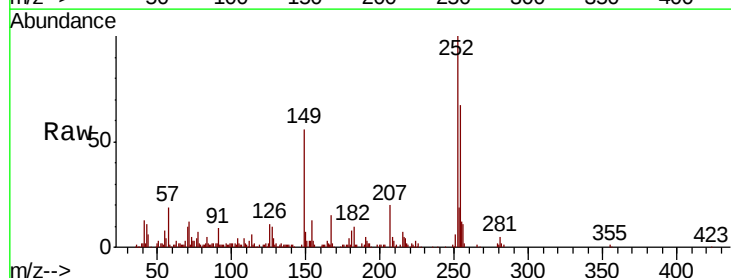
Tgt Ion:252 Resp: 82236

Ion Ratio Lower Upper

252 100

254 67.4 52.1 78.1

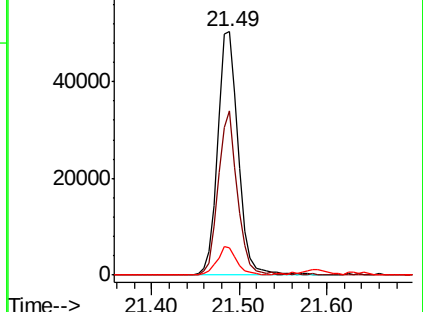
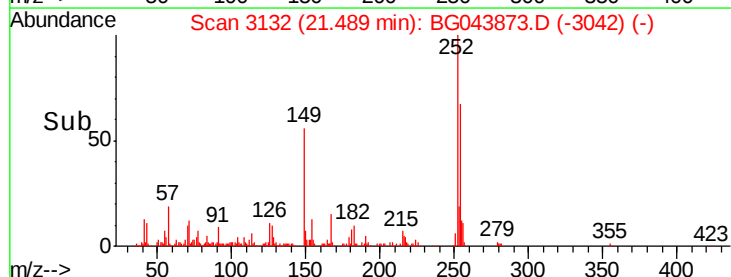
126 11.0 9.1 13.7

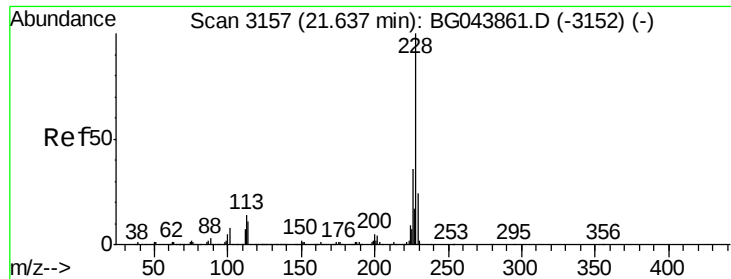


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 5.442 ng

RT: 21.64 min Scan# 3157

Delta R.T. -0.00 min

Lab File: BG043873.D

Acq: 2 Jan 2020 13:42

Instrument :

BNA_G

ClientSampleId :

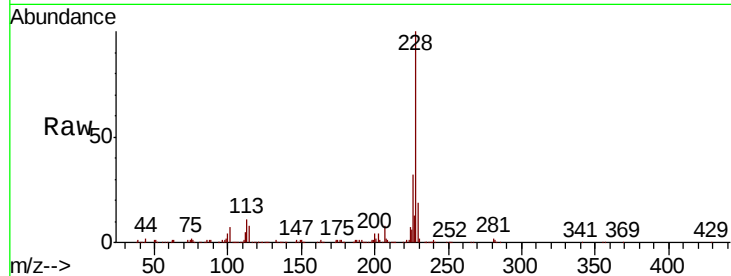
Tot Ion:228 Resp: 220706

Ion Ratio Lower Upper

228 100

226 31.7 28.8 43.2

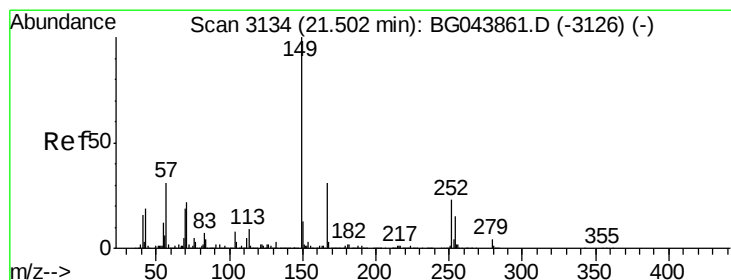
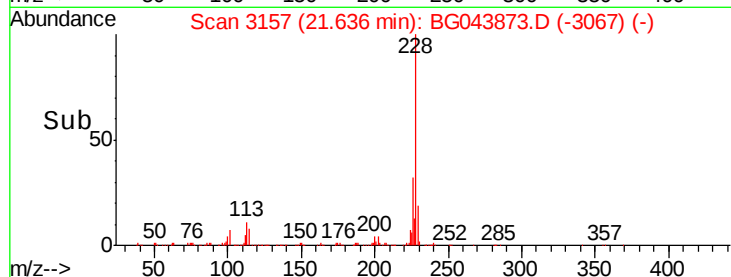
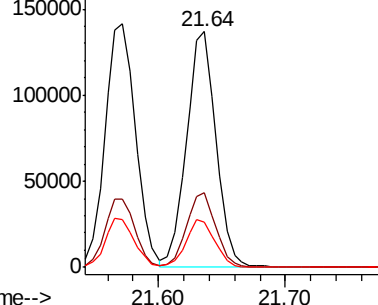
229 19.4 19.0 28.6



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: 4.710 ng

RT: 21.50 min Scan# 3134

Delta R.T. -0.00 min

Lab File: BG043873.D

Acq: 2 Jan 2020 13:42

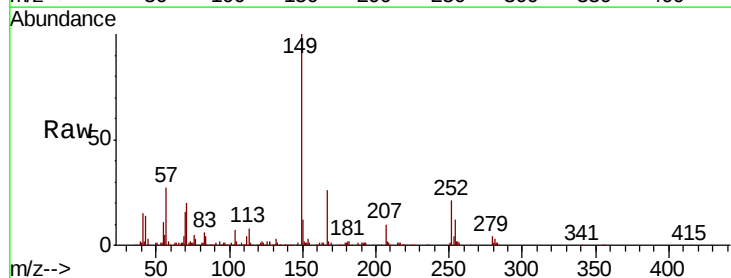
Tgt Ion:149 Resp: 139010

Ion Ratio Lower Upper

149 100

167 25.8 24.7 37.1

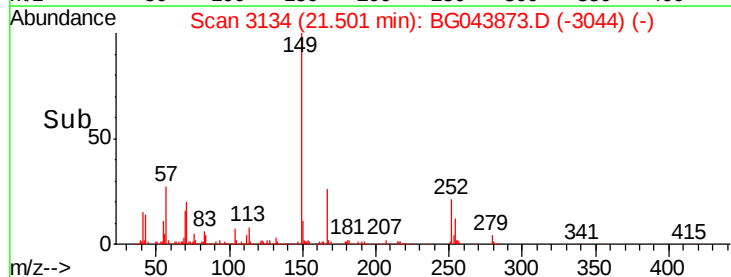
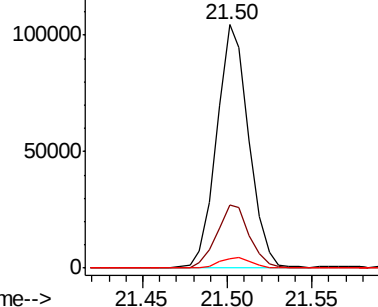
279 3.9 3.3 4.9



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

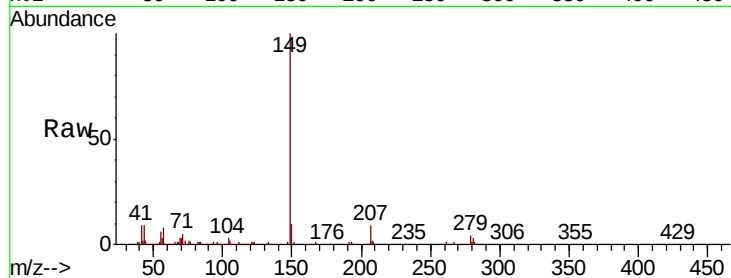




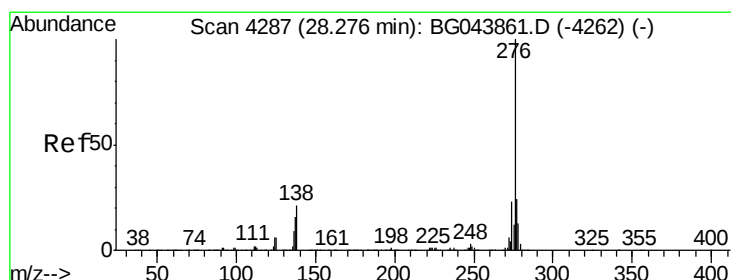
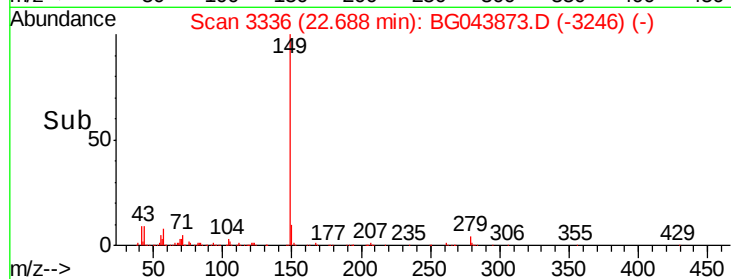
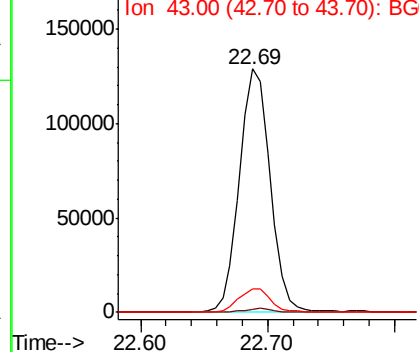
#85
Di-n-octyl phthalate
Concen: 4.365 ng
RT: 22.69 min Scan# 3336
Delta R.T. -0.00 min
Lab File: BG043873.D
Acq: 2 Jan 2020 13:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	9.6	8.8	13.2

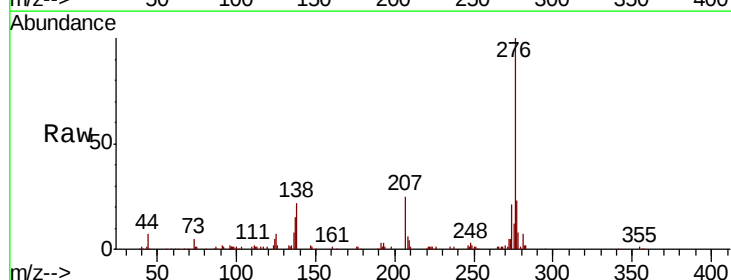


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

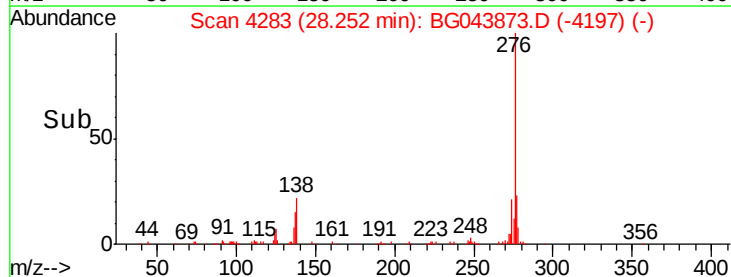
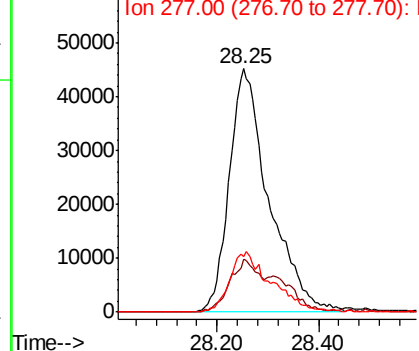


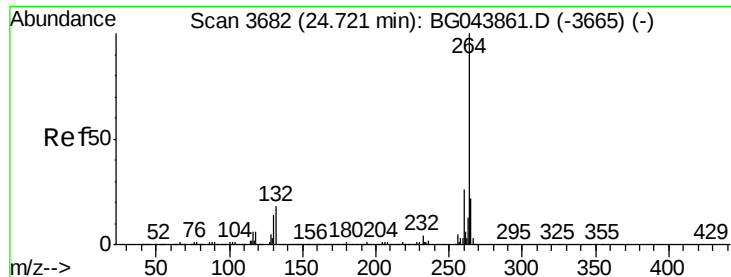
#86
Indeno(1,2,3-cd)pyrene
Concen: 4.447 ng
RT: 28.25 min Scan# 4283
Delta R.T. -0.02 min
Lab File: BG043873.D
Acq: 2 Jan 2020 13:42

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.0	21.0	31.4#
277	25.5	21.1	31.7



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: 24.72 min Scan# 3682

Delta R.T. -0.00 min

Lab File: BG043873.D

Acq: 2 Jan 2020 13:42

Instrument :

BNA_G

ClientSampleId :

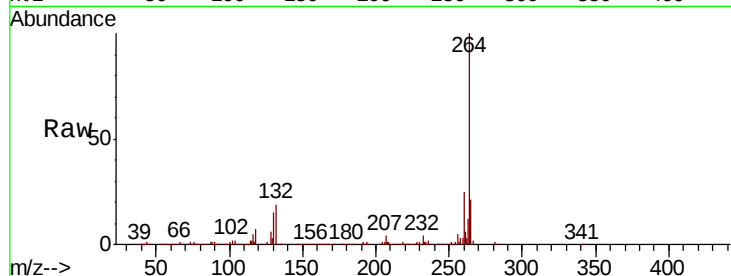
Tot Ion:264 Resp: 759246

Ion Ratio Lower Upper

264 100

260 25.0 20.4 30.6

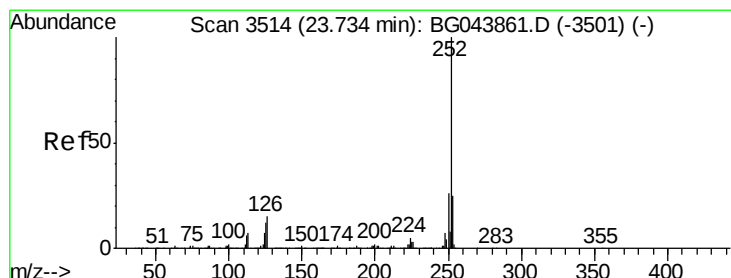
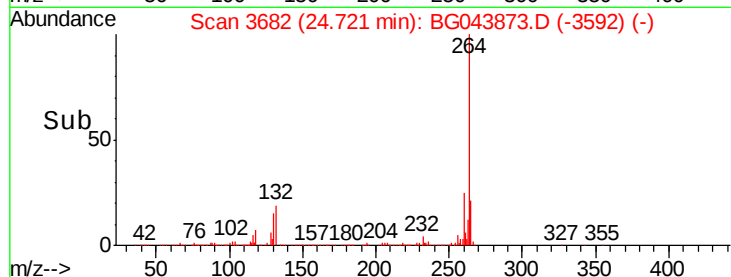
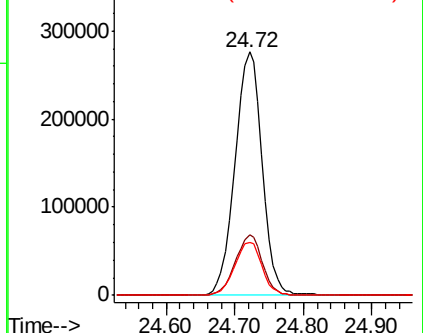
265 21.5 17.4 26.2



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: 4.917 ng

RT: 23.73 min Scan# 3513

Delta R.T. -0.01 min

Lab File: BG043873.D

Acq: 2 Jan 2020 13:42

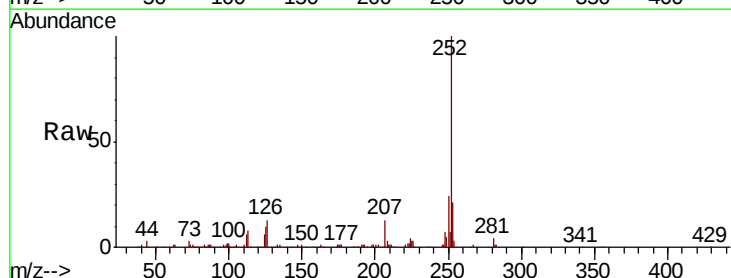
Tgt Ion:252 Resp: 220677

Ion Ratio Lower Upper

252 100

253 21.1 19.7 29.5

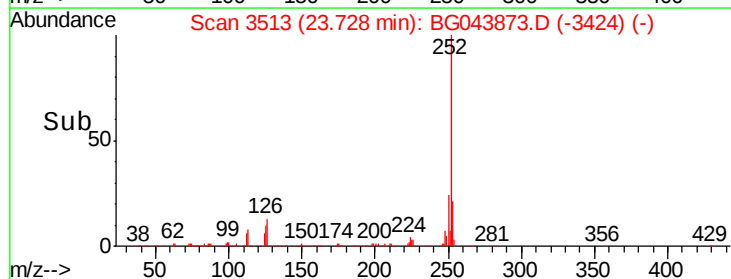
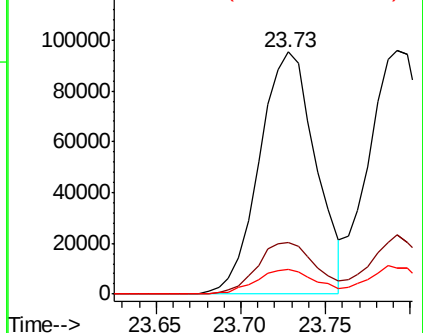
125 10.3 9.4 14.2

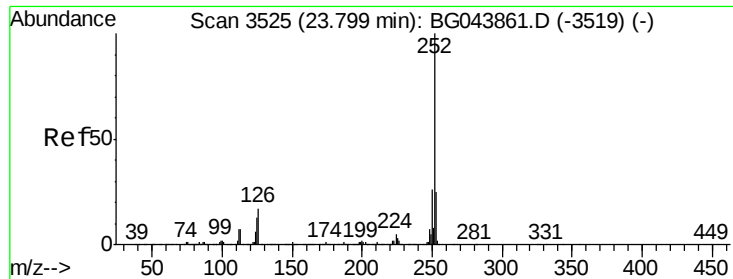


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

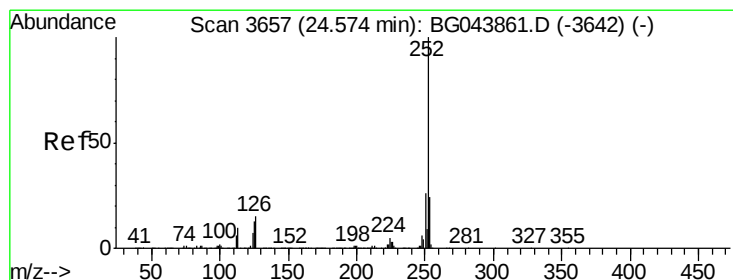
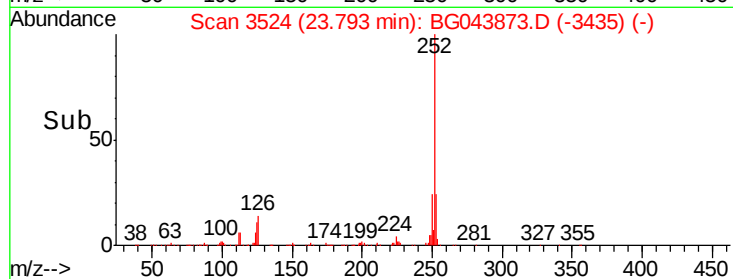
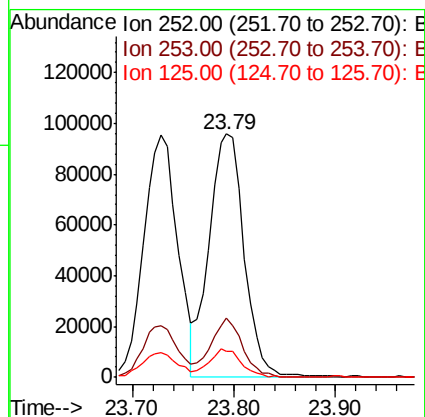
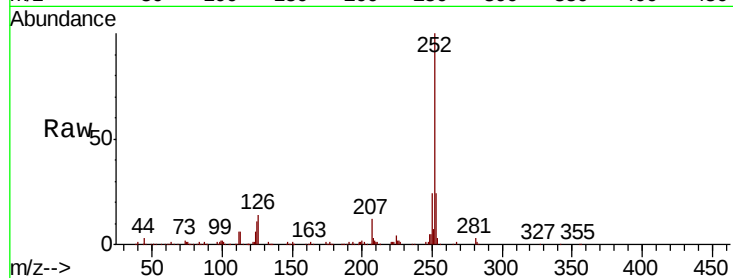




#89
Benzo(k)fluoranthene
Concen: 5.348 ng
RT: 23.79 min Scan# 3524
Delta R.T. -0.01 min
Lab File: BG043873.D
Acq: 2 Jan 2020 13:42

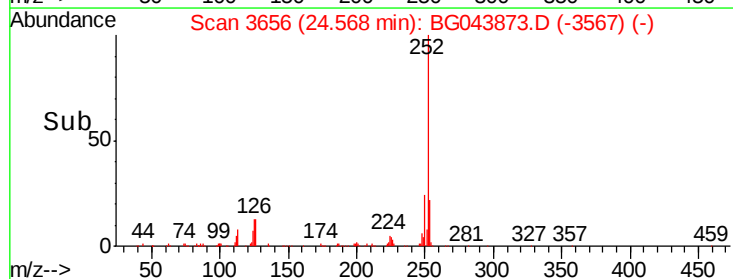
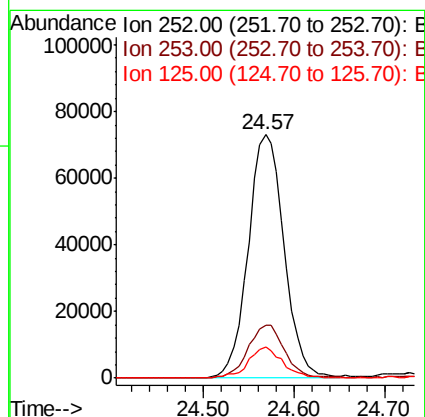
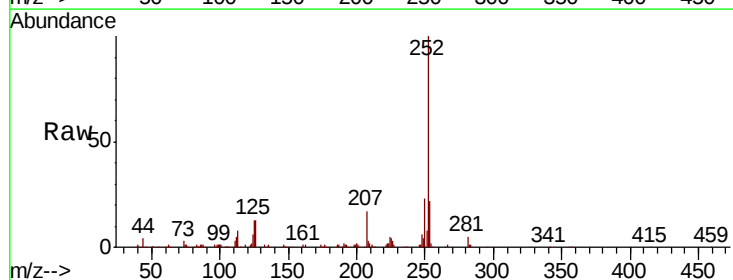
Instrument :
BNA_G
ClientSampleId :

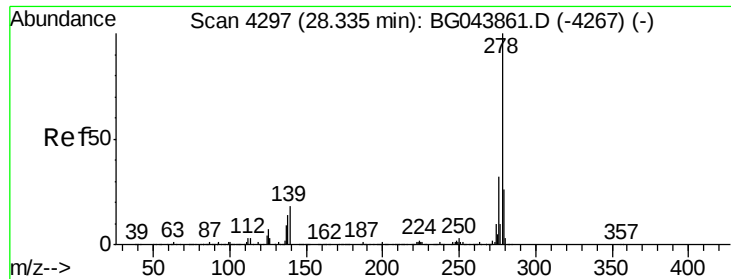
Tot Ion:252 Resp: 228287
Ion Ratio Lower Upper
252 100
253 24.4 19.4 29.2
125 10.9 9.9 14.9



#90
Benzo(a)pyrene
Concen: 4.738 ng
RT: 24.57 min Scan# 3656
Delta R.T. -0.01 min
Lab File: BG043873.D
Acq: 2 Jan 2020 13:42

Tgt Ion:252 Resp: 200708
Ion Ratio Lower Upper
252 100
253 21.7 19.3 28.9
125 12.8 10.4 15.6





#91

Dibenzo(a,h)anthracene

Concen: 4.882 ng

RT: 28.32 min Scan# 4295

Delta R.T. -0.01 min

Lab File: BG043873.D

Acq: 2 Jan 2020 13:42

Instrument :

BNA_G

ClientSampleId :

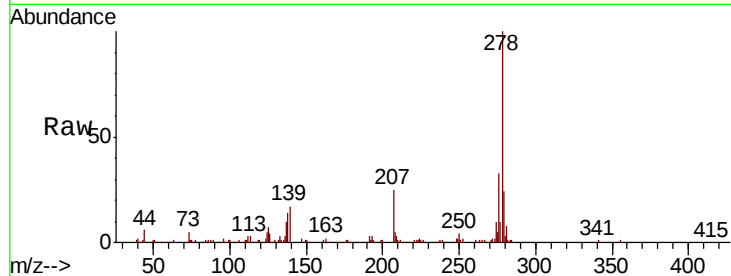
Tot Ion:278 Resp: 207721

Ion Ratio Lower Upper

278 100

139 16.6 14.2 21.4

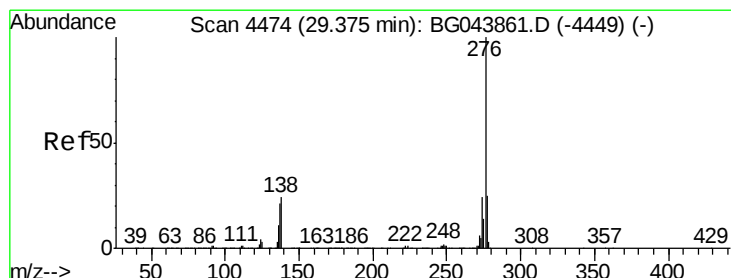
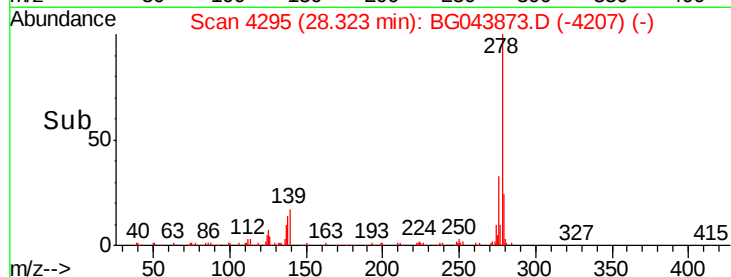
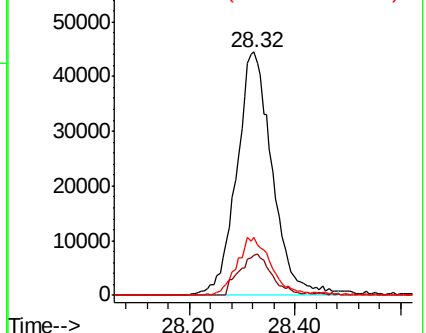
279 23.6 20.6 30.8



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: 4.840 ng

RT: 29.36 min Scan# 4471

Delta R.T. -0.02 min

Lab File: BG043873.D

Acq: 2 Jan 2020 13:42

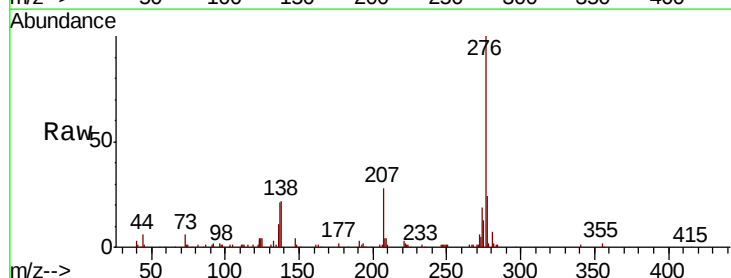
Tgt Ion:276 Resp: 204552

Ion Ratio Lower Upper

276 100

277 24.4 20.2 30.4

138 21.8 19.0 28.6



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

