

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 16:26:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 02 16:18:03 2020
 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	98.59	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
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
41) Hexachlorocyclopentadiene	12.78	237	23790	4.234	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	13.03	196	30479	4.087	nq	97
44) 2,4,5-Trichlorophenol	13.10	196	32725	4.255	nq	95
46) 1,1'-Biphenyl	13.43	154	141720	5.345	nq	95
47) 2-Chloronaphthalene	13.48	162	103585	4.835	nq	93
48) 2-Nitroaniline	13.66	65	26865	3.898	nq	97
49) Acenaphthylene	14.32	152	171245	5.561	nq	96
50) Dimethylphthalate	14.05	163	137399	5.233	nq	97
51) 2,6-Dinitrotoluene	14.16	165	26432	4.454	nq	99
52) Acenaphthene	14.66	154	106284	4.922	nq	99
53) 3-Nitroaniline	14.49	138	27651	4.103	nq	98
55) Dibenzofuran	14.99	168	172904	5.816	nq	93
56) 4-Nitrophenol	14.79	139	17731	3.434	nq	95
57) 2,4-Dinitrotoluene	14.94	165	34519	4.275	nq	89
58) Fluorene	15.64	166	134988	5.729	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.22	232	28990	4.383	nq	# 99
60) Diethylphthalate	15.41	149	144751	5.512	nq	94
61) 4-Chlorophenyl-phenylether	15.64	204	68042	5.318	nq	99
62) 4-Nitroaniline	15.64	138	28974	4.354	nq	96
63) Azobenzene	15.93	77	136911	5.622	nq	96
65) 4,6-Dinitro-2-methylphenol	15.71	198	10830	2.759	nq	95
66) n-Nitrosodiphenylamine	15.85	169	120159	5.055	nq	98
67) 4-Bromophenyl-phenylether	16.53	248	40447	4.455	nq	93
68) Hexachlorobenzene	16.65	284	44887	4.589	nq	94
69) Atrazine	16.79	200	36556	4.731	nq	99
70) Pentachlorophenol	16.99	266	13112	2.431	nq	94
71) Phenanthrene	17.38	178	221190	5.713	nq	95
72) Anthracene	17.47	178	217932	5.695	nq	94
73) Carbazole	17.73	167	194968	5.516	nq	94
74) Di-n-butylphthalate	18.31	149	229372	5.083	nq	# 92
75) Fluoranthene	19.39	202	246567	5.568	nq	94
77) Benzidine	19.56	184	78006	4.509	nq	95
78) Pyrene	19.39	202	246567	5.488	nq	91
80) Butylbenzylphthalate	20.64	149	87123	4.073	nq	98
81) Benzo(a)anthracene	21.57	228	237087	5.555	nq	92
82) 3,3'-Dichlorobenzidine	21.49	252	82236	4.877	nq	97
83) Chrysene	21.64	228	220706	5.442	nq	92
84) Bis(2-ethylhexyl)phthalate	21.50	149	139010	4.710	nq	92
85) Di-n-octyl phthalate	22.69	149	216564	4.365	nq	97
86) Indeno(1,2,3-cd)pyrene	28.25	276	245079	4.447	nq	# 89
88) Benzo(b)fluoranthene	23.73	252	220677	4.917	nq	94
89) Benzo(k)fluoranthene	23.79	252	228287	5.348	nq	98
90) Benzo(a)pyrene	24.57	252	200708	4.738	nq	97
91) Dibenzo(a,h)anthracene	28.32	278	207721	4.882	nq	96
92) Benzo(g,h,i)perylene	29.36	276	204552	4.840	nq	97

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

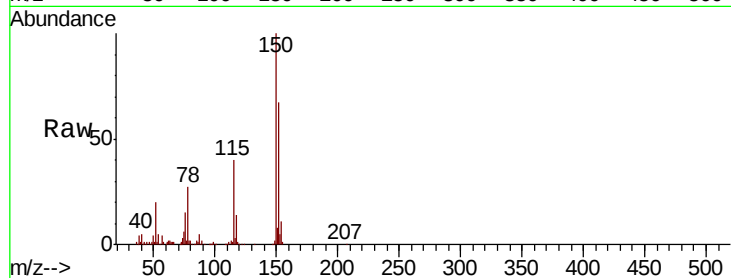


#1

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

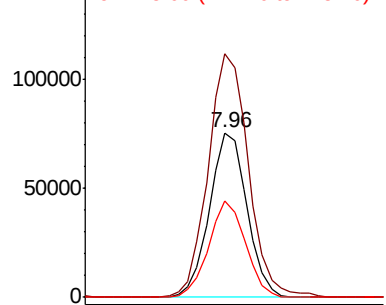


Abundance

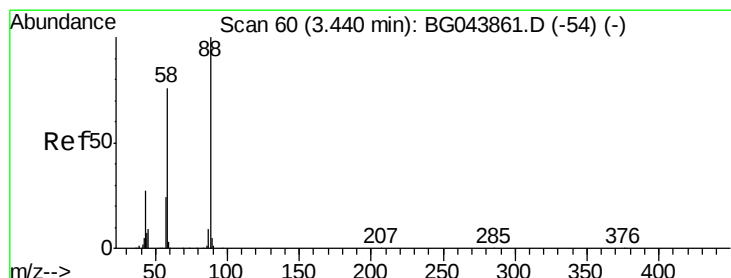
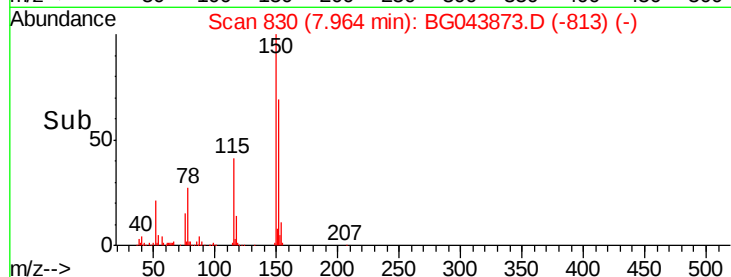
Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



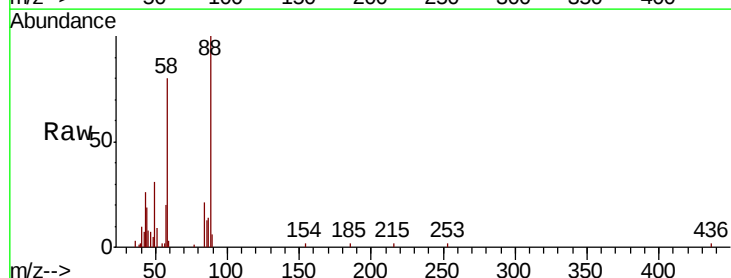
Time-->



#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

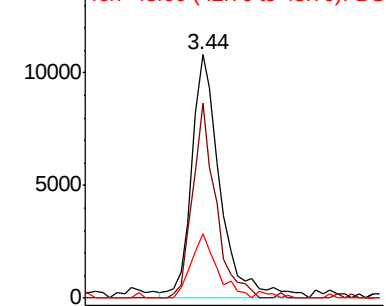


Abundance

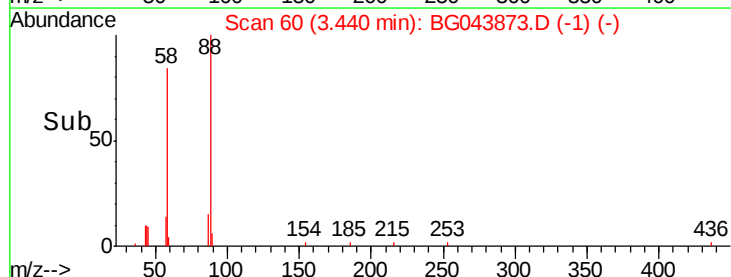
Ion 88.00 (87.70 to 88.70): BGC

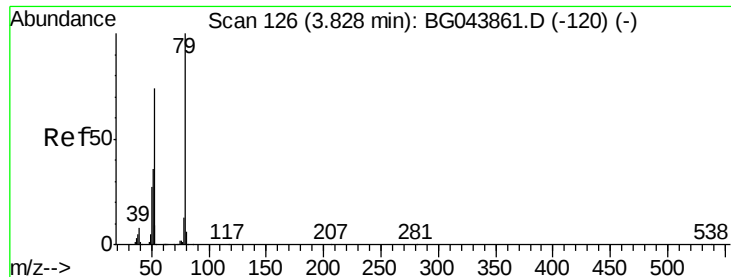
Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC



Time-->





#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 :

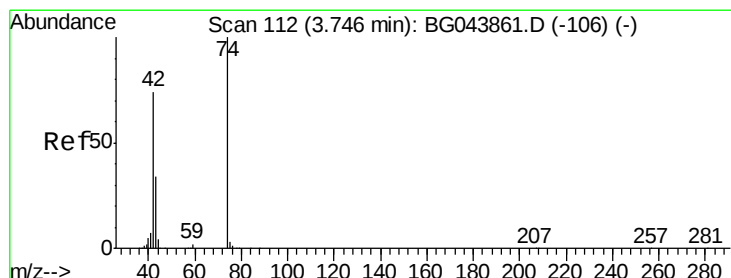
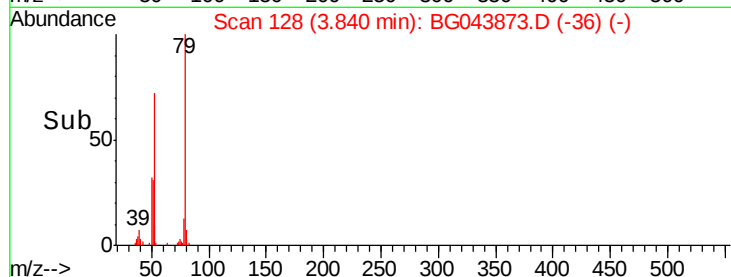
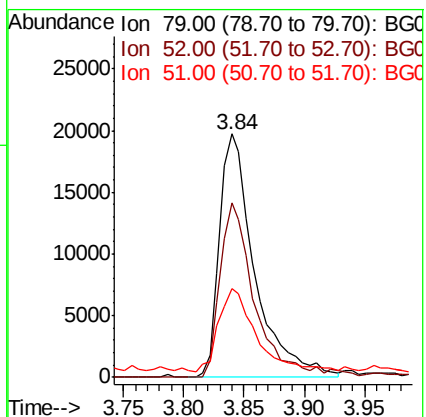
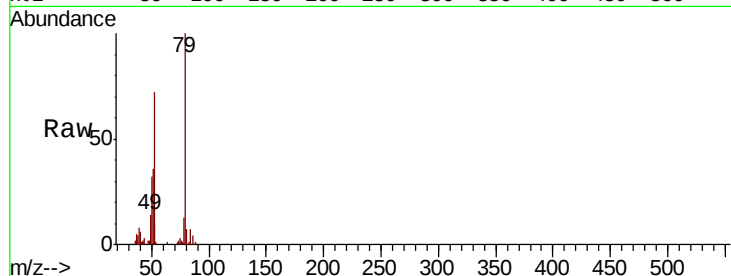
Tot Ion: 79 Resp: 39836

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

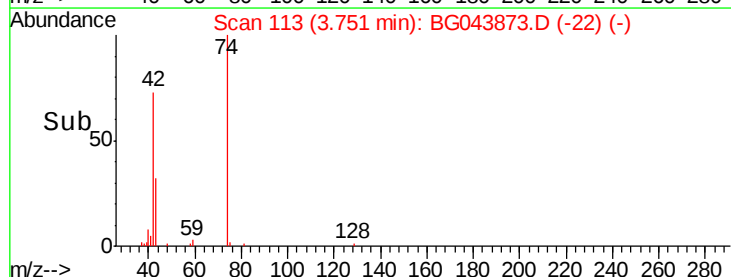
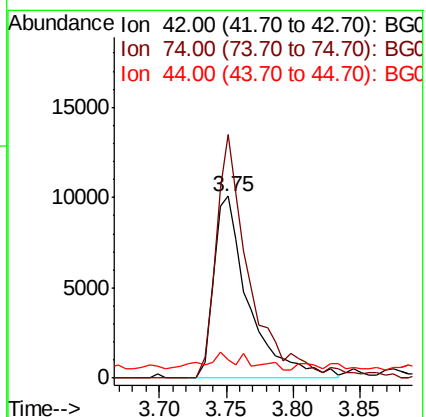
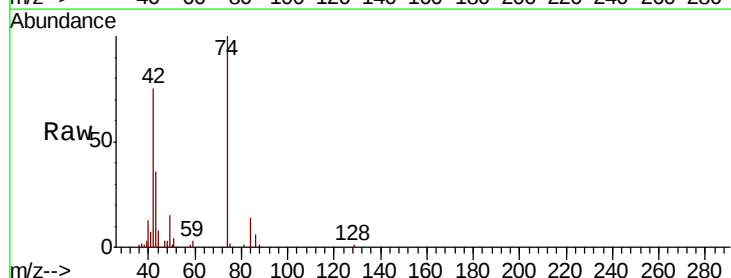
Tgt Ion: 42 Resp: 18476

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

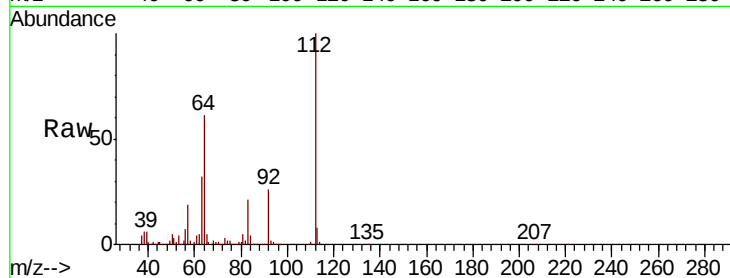
Instrument :

BNA_G

ClientSampleId :

Tot Ion:112 Resp: 975890

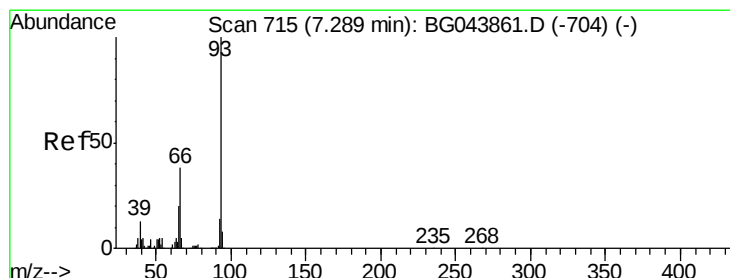
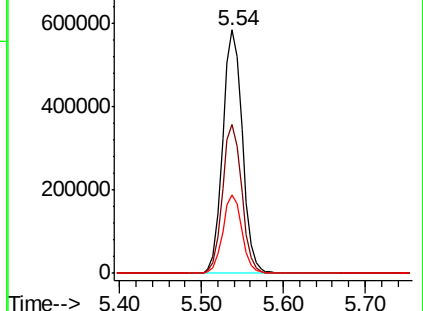
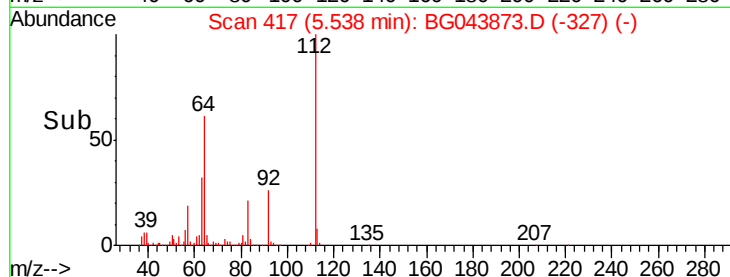
Ion	Ratio	Lower	Upper
112	100		
64	61.4	47.8	71.6
63	32.0	24.3	36.5



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

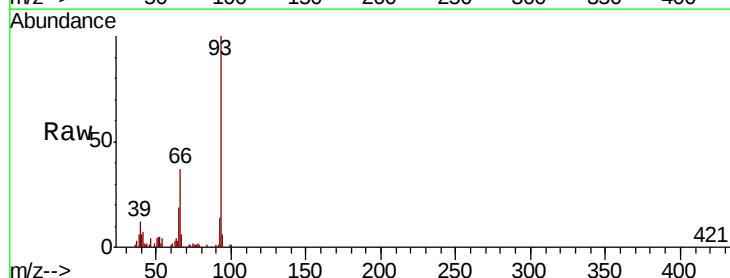
Delta R.T. -0.00 min

Lab File: BG043873.D

Acq: 2 Jan 2020 13:42

Tgt Ion: 93 Resp: 62287

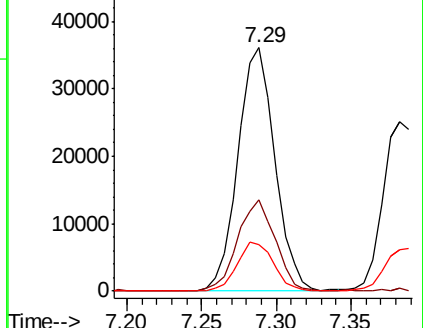
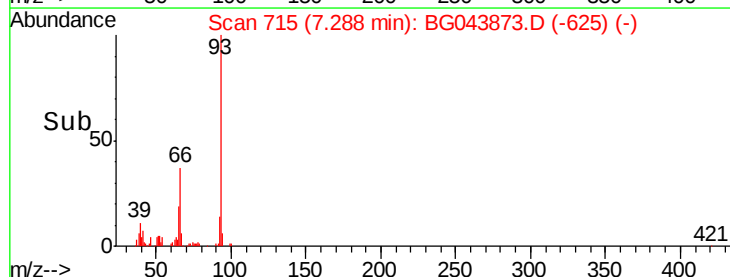
Ion	Ratio	Lower	Upper
93	100		
66	37.5	30.8	46.2
65	19.0	16.0	24.0

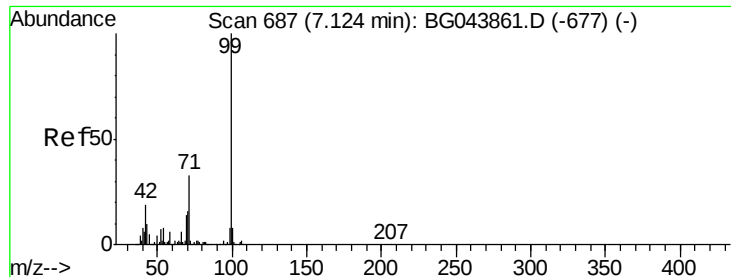


Abundance Ion 93.00 (92.70 to 93.70): BGC

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

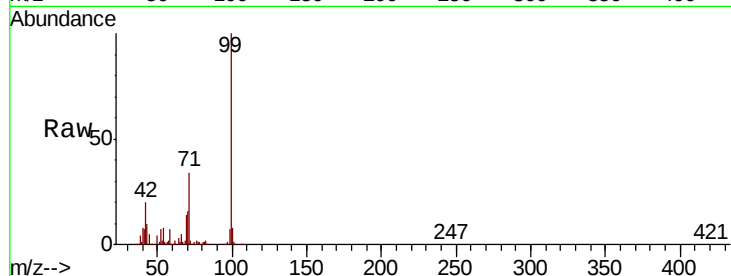
Instrument :

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

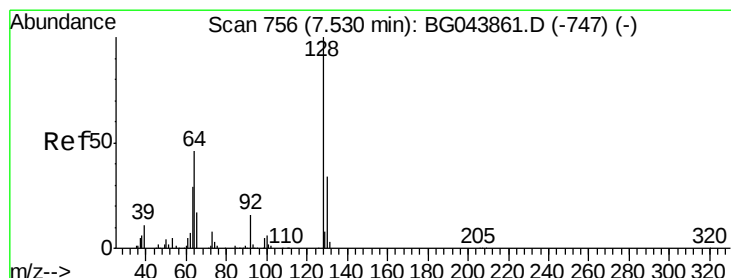
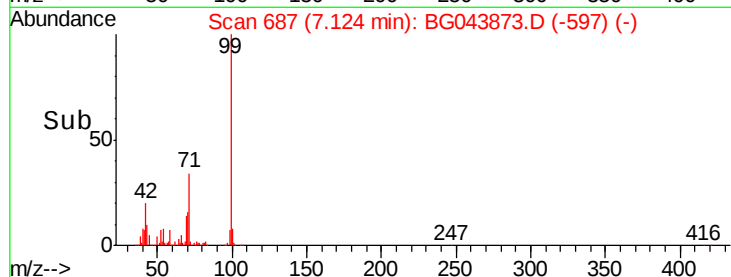
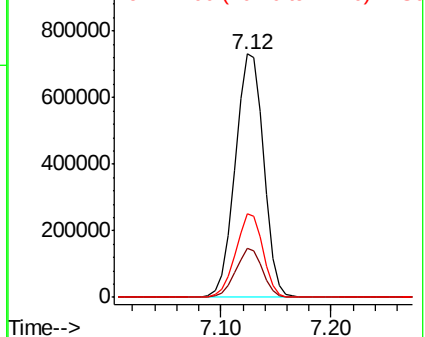


Abundance

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

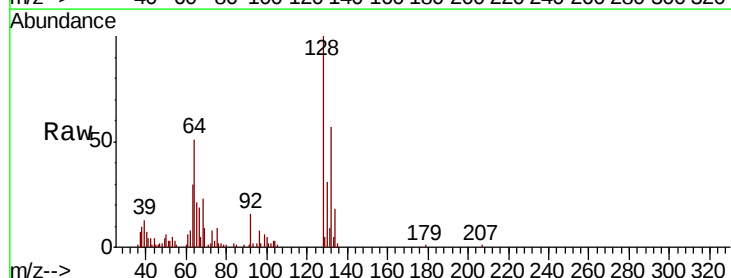
Delta R.T. -0.00 min

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

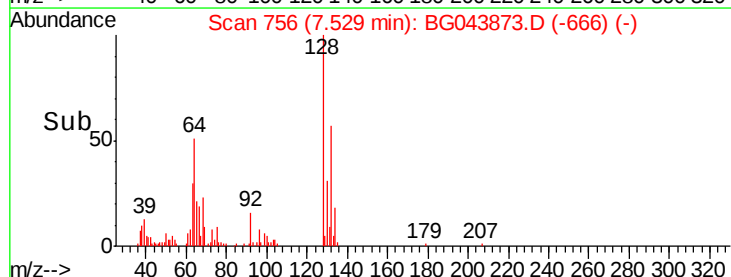
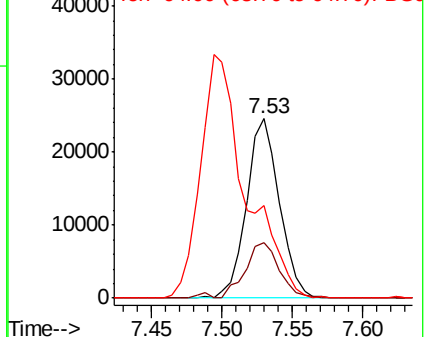


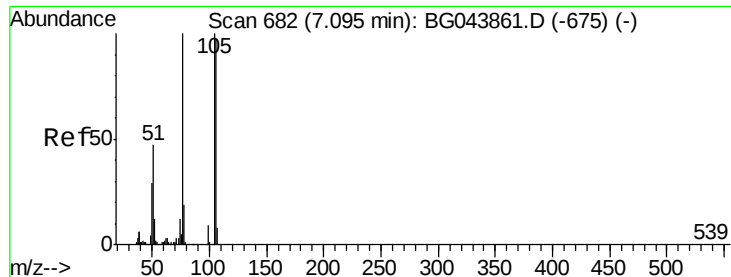
Abundance

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 :

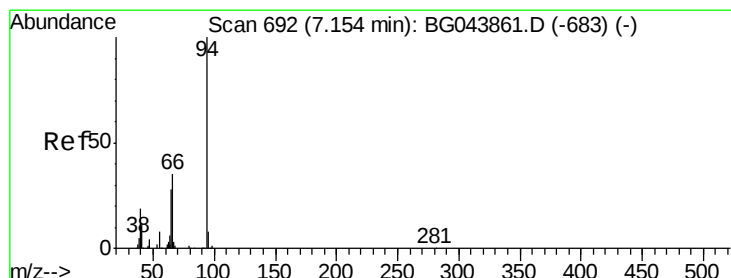
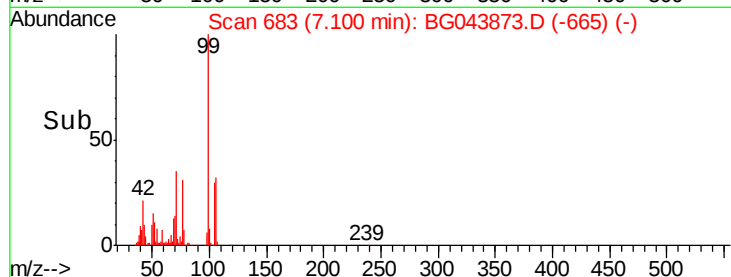
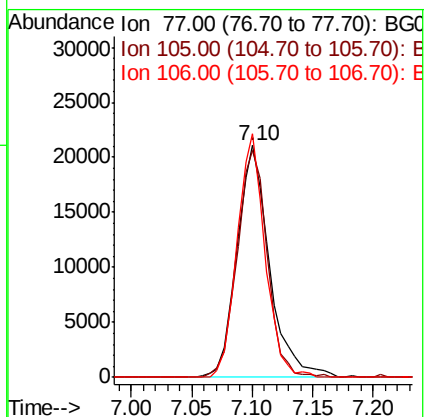
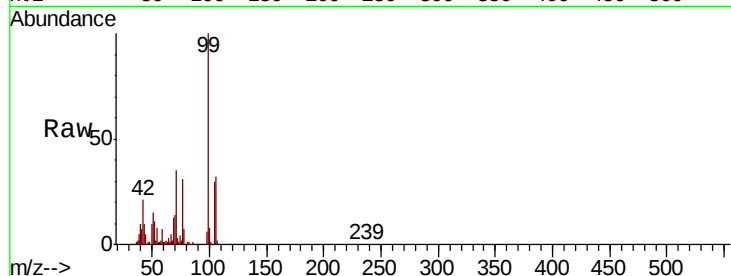
Tot Ion: 77 Resp: 39580

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

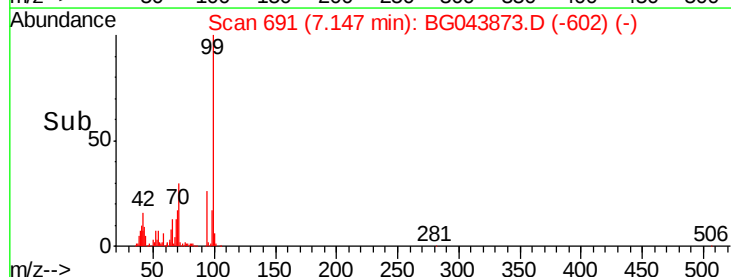
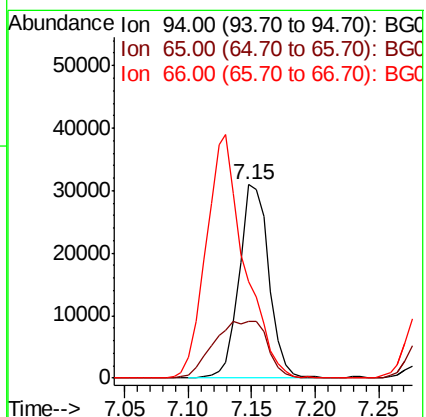
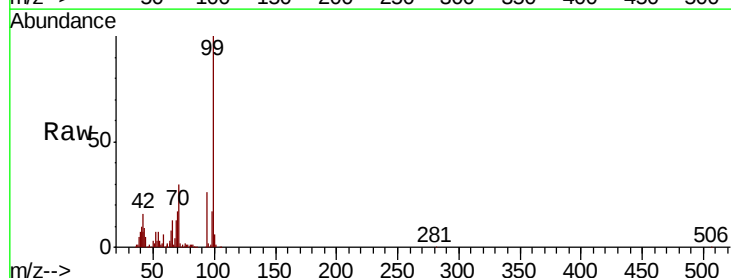
Tgt Ion: 94 Resp: 50245

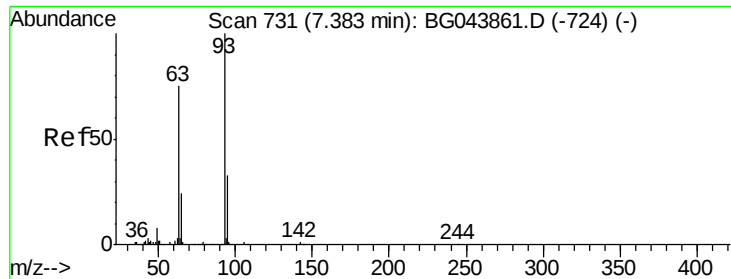
Ion Ratio Lower Upper

94 100

65 29.0 8.1 48.1

66 49.6 15.6 55.6

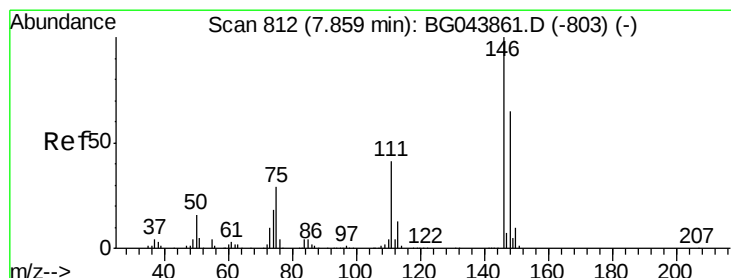
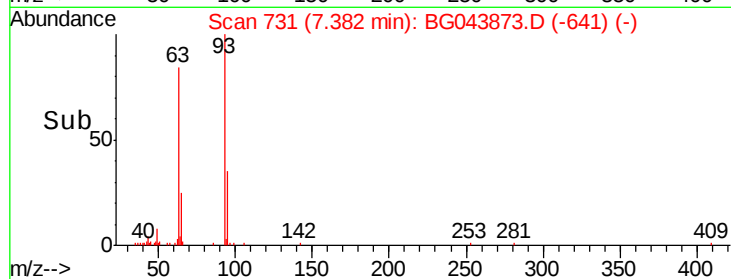
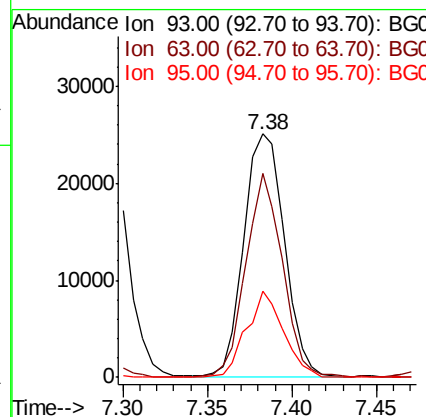
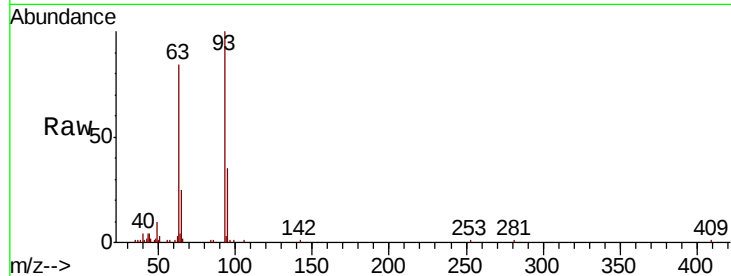




#11
 bis(2-Chloroethyl)ether
 Concen: 5.057 ng
 RT: 7.38 min Scan# 731
 Delta R.T. -0.00 min
 Lab File: BG043873.D
 Acq: 2 Jan 2020 13:42

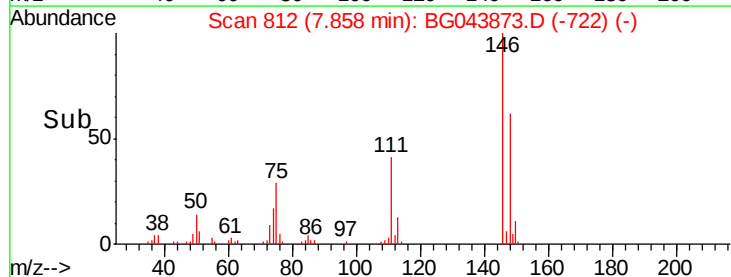
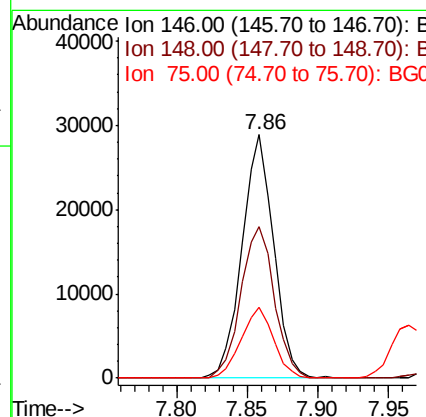
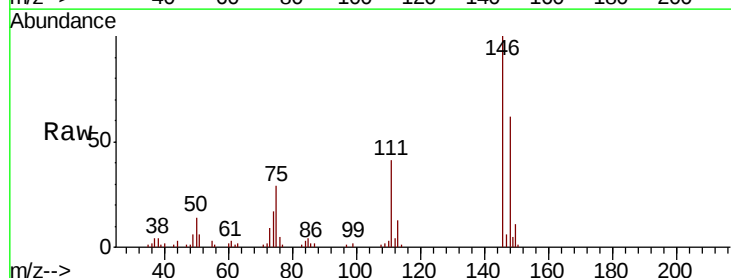
Instrument :
 BNA_G
 ClientSampleId :

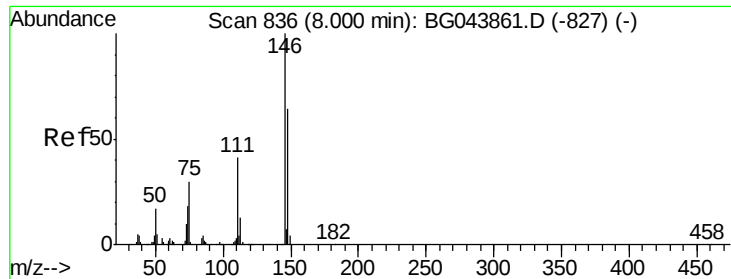
Tot Ion: 93 Resp: 42191
 Ion Ratio Lower Upper
 93 100
 63 83.8 55.0 95.0
 95 35.4 13.3 53.3



#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

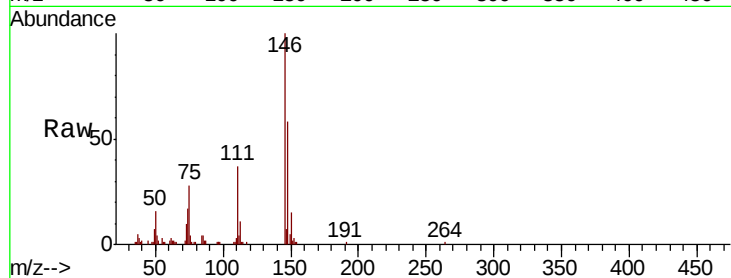




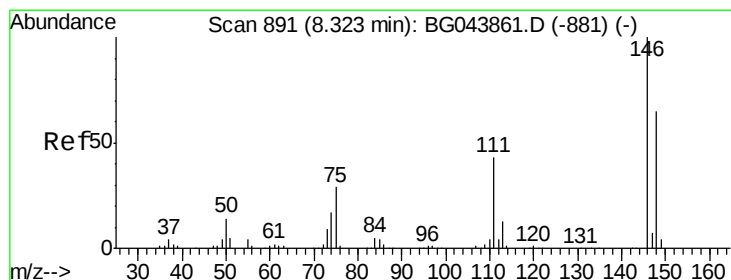
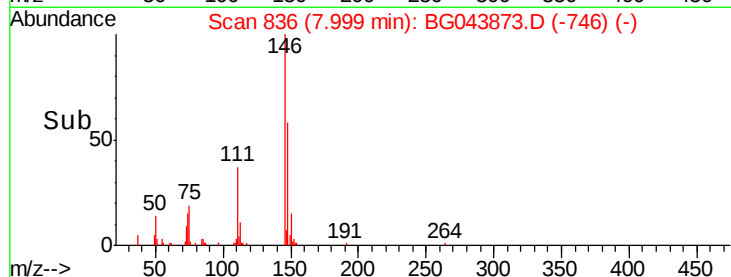
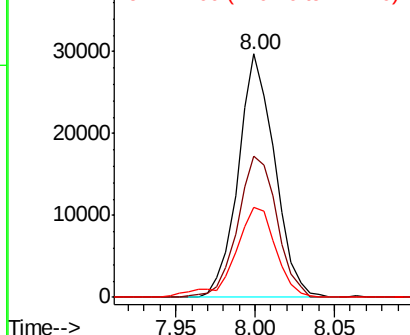
#13
 1,4-Dichlorobenzene
 Concen: 5.191 ng
 RT: 8.00 min Scan# 836
 Delta R.T. -0.00 min
 Lab File: BG043873.D
 Acq: 2 Jan 2020 13:42

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

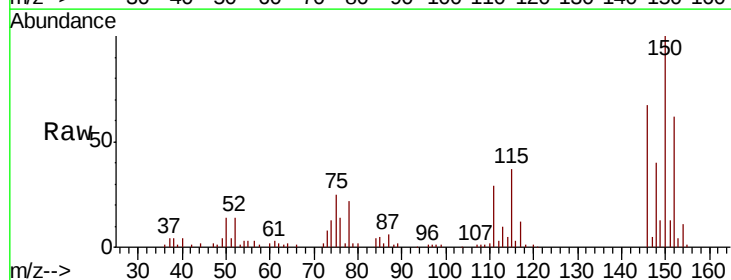


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

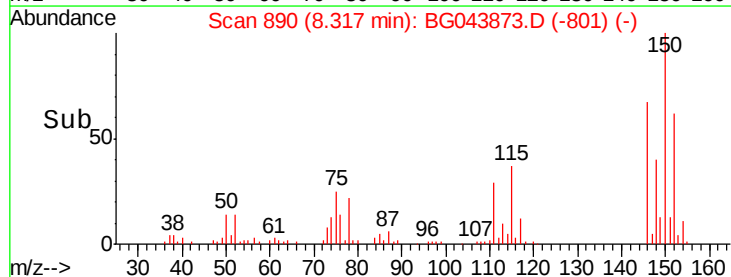
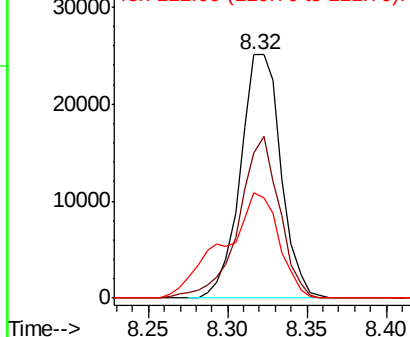


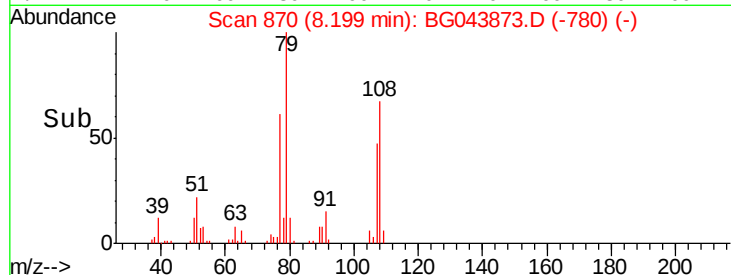
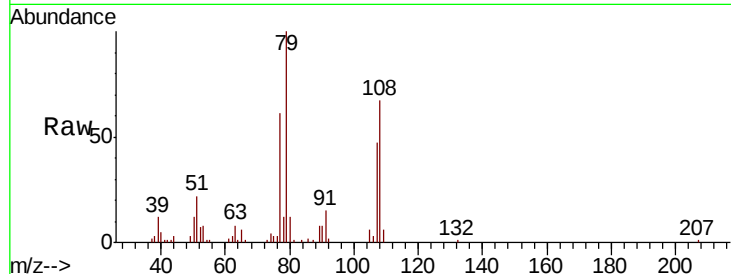
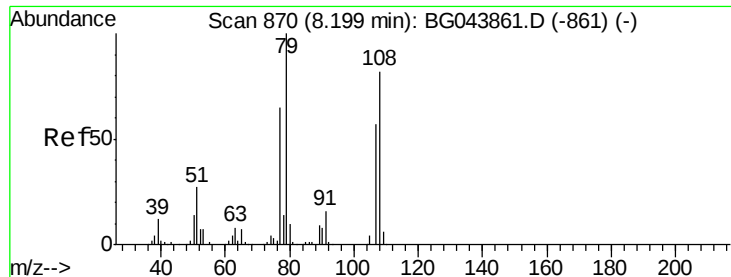
#14
 1,2-Dichlorobenzene
 Concen: 5.096 ng
 RT: 8.32 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BG043873.D
 Acq: 2 Jan 2020 13:42

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



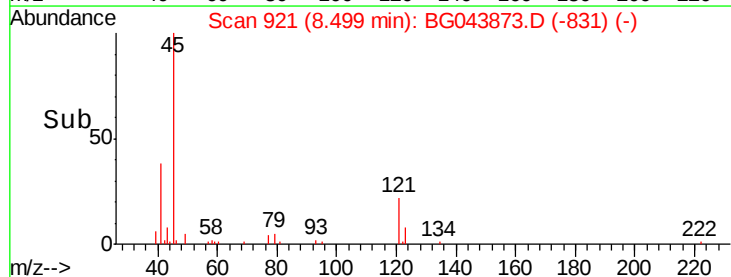
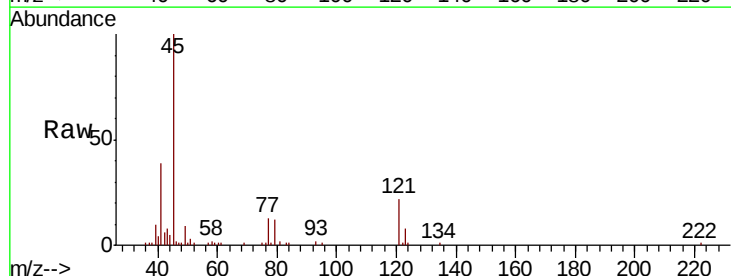
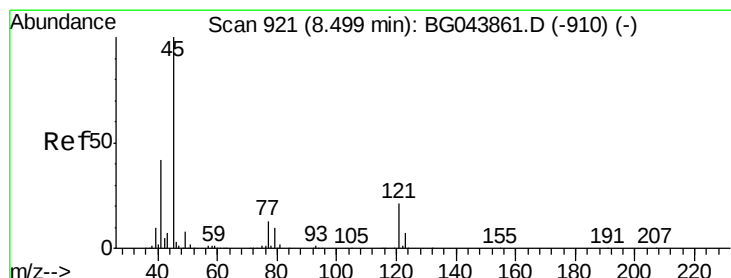
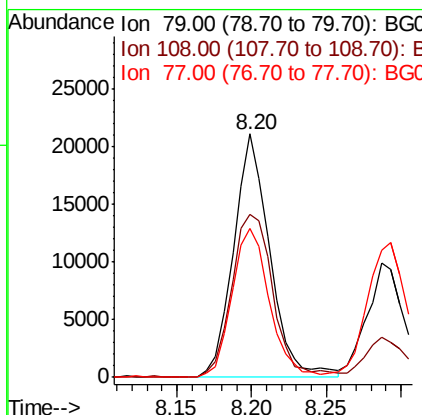
Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





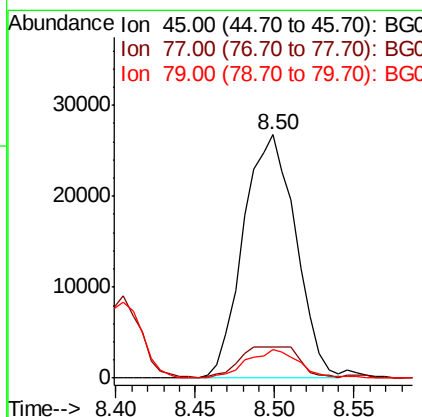
#15
Benzyl Alcohol
Concen: 4.805 ng
RT: 8.20 min Scan# 870
Delta R.T. -0.00 min
Lab File: BG043873.D
Acq: 2 Jan 2020 13:42

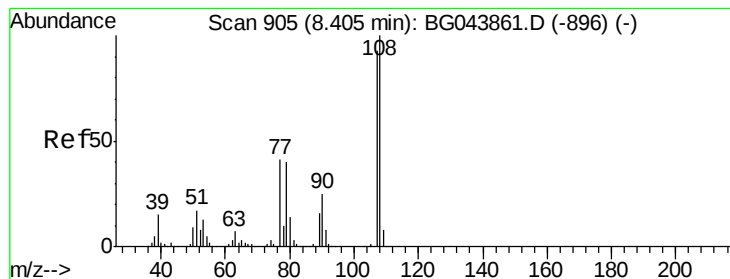
Tot Ion	Ratio	Lower	Upper
79	100		
108	66.8	65.6	98.4
77	61.3	52.0	78.0



#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

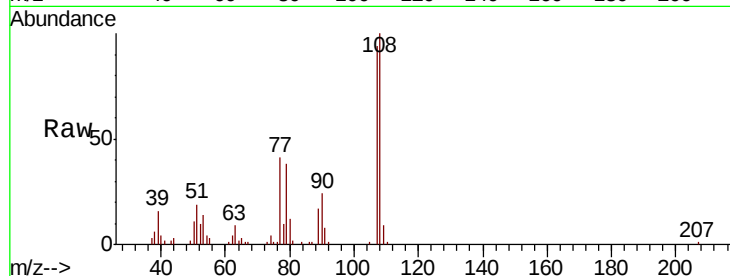




#17
2-Methylphenol
Concen: 4.688 ng
RT: 8.40 min Scan# 905
Delta R.T. -0.00 min
Lab File: BG043873.D
Acq: 2 Jan 2020 13:42

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



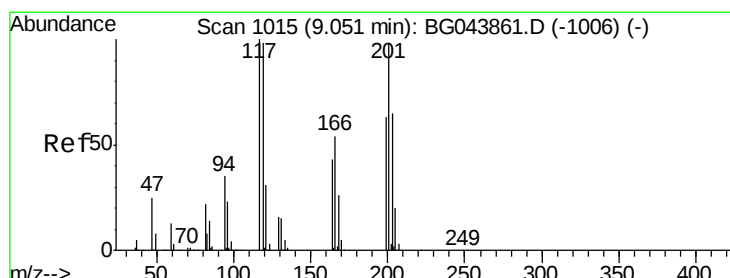
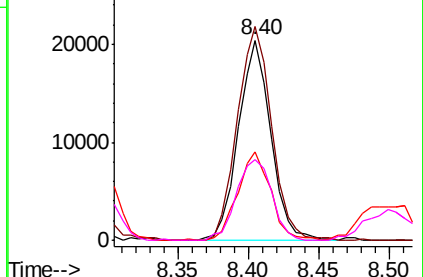
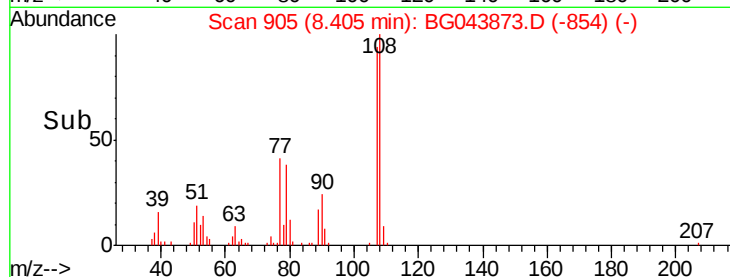
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

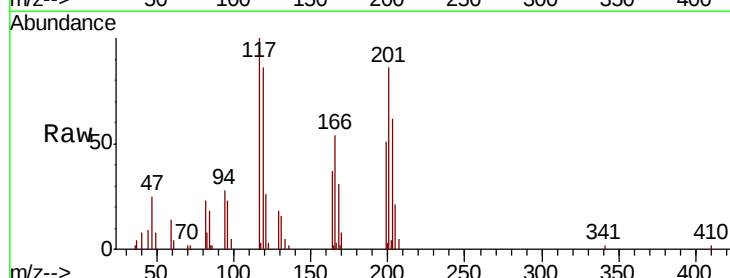
Ion 77.00 (76.70 to 77.70): BGC

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

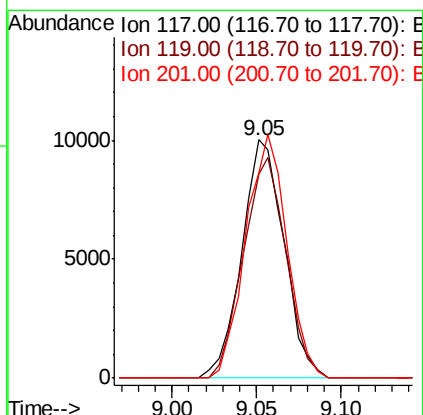
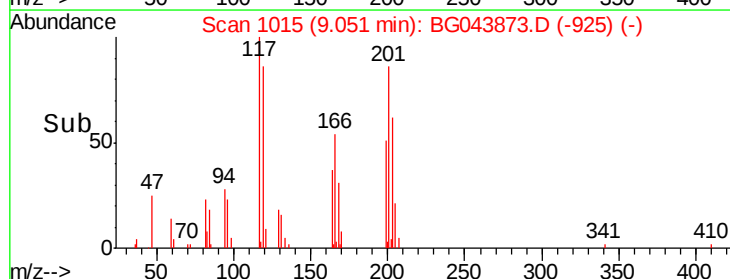


Abundance

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

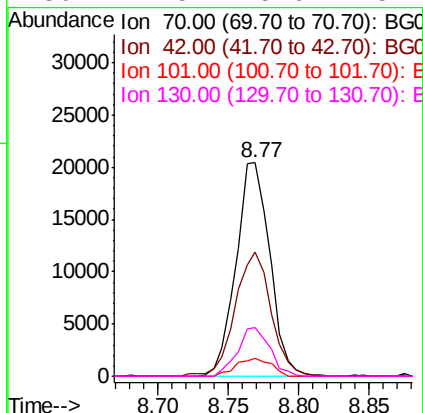
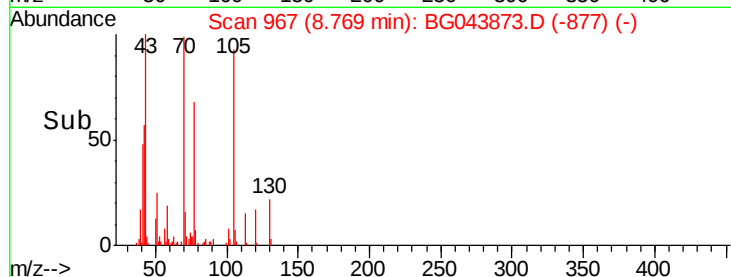
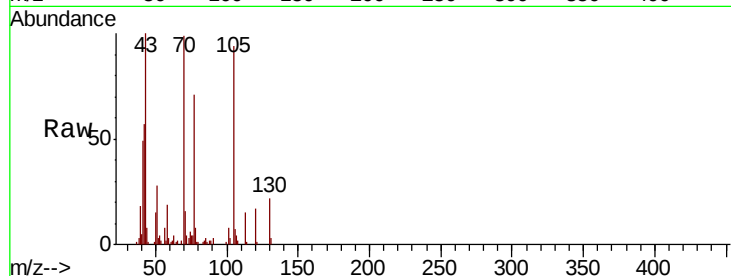




#19
n-Nitroso-di-n-propylamine
Concen: 4.900 ng
RT: 8.77 min Scan# 967
Delta R.T. -0.00 min
Lab File: BG043873.D
Acq: 2 Jan 2020 13:42

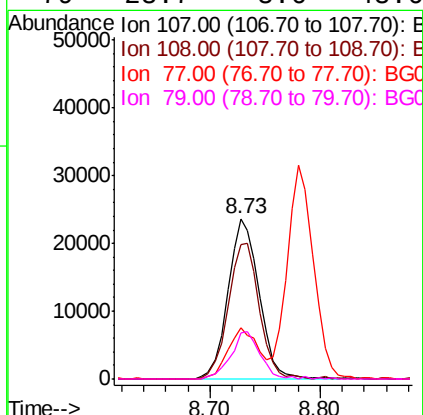
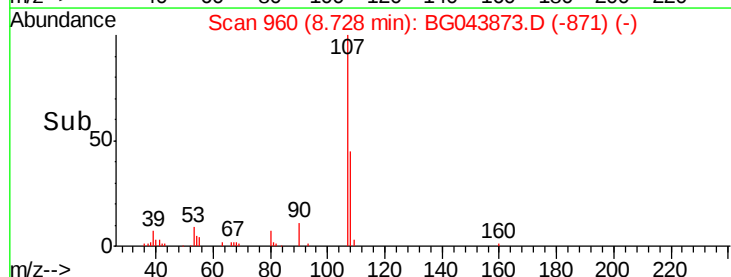
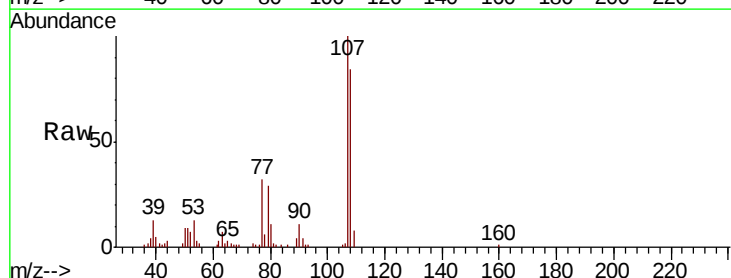
Instrument :
BNA_G
ClientSampleId :

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

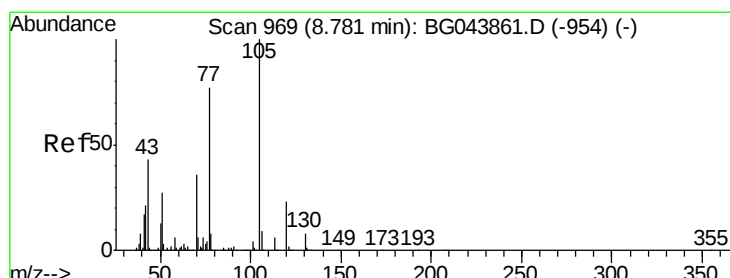
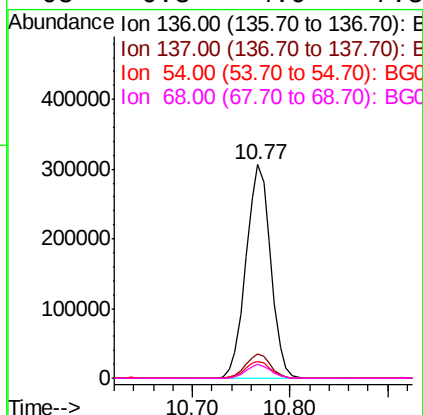
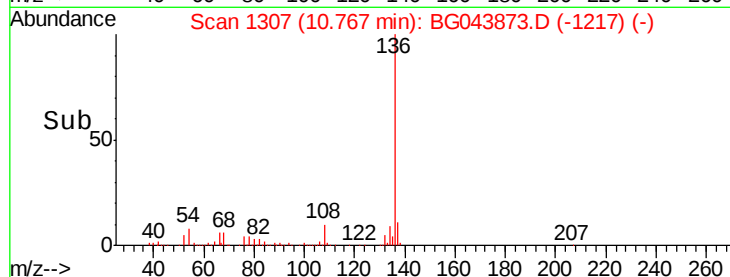
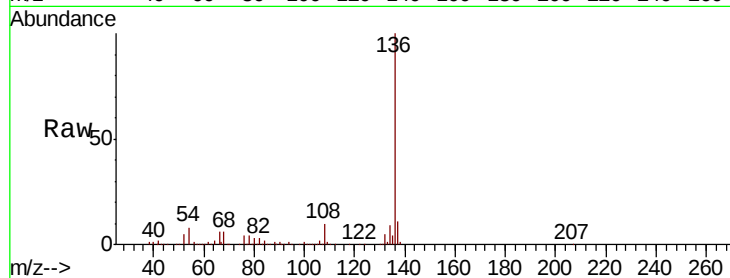




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG043873.D
Acq: 2 Jan 2020 13:42

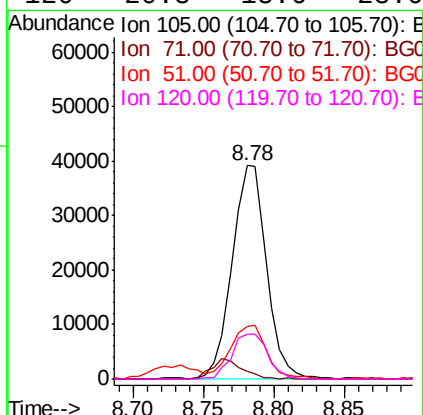
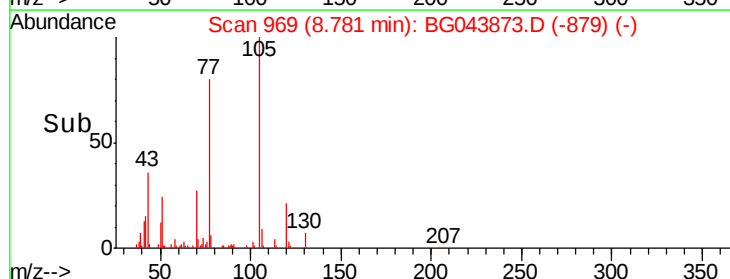
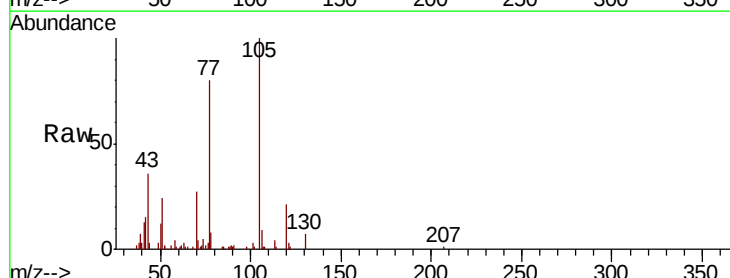
Instrument :
BNA_G
ClientSampleId :

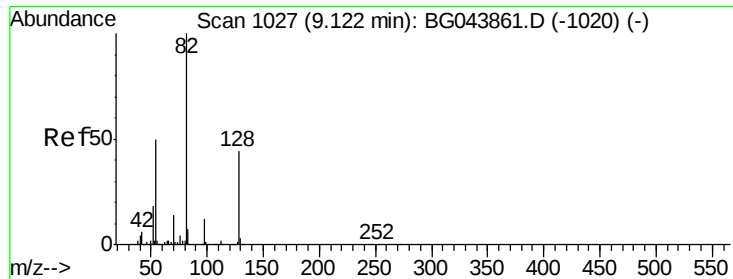
Tot Ion:	136	Resp:	541951
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	7.9	7.0	10.4
68	6.3	4.9	7.3



#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

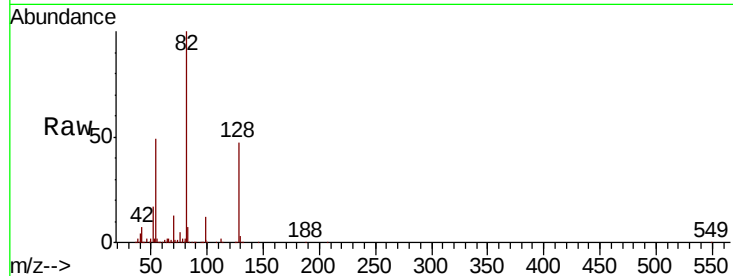




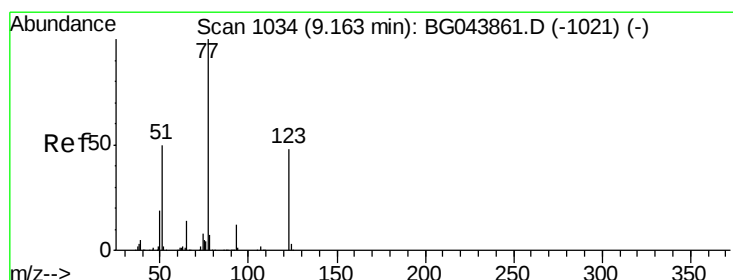
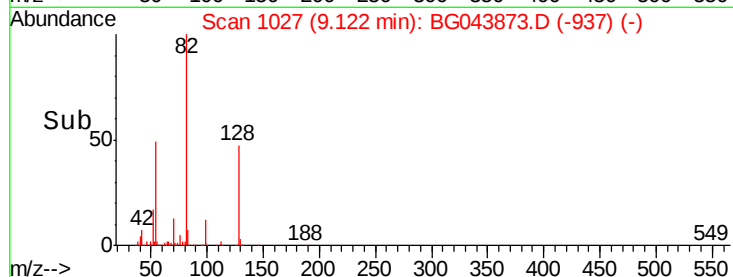
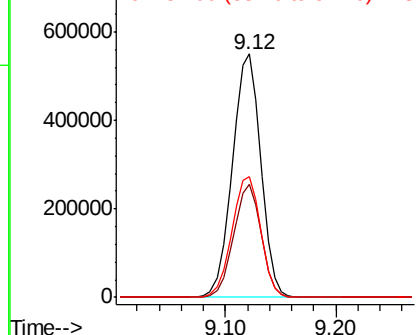
#23
Nitrobenzene-d5
Concen: 97.753 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BG043873.D
Acq: 2 Jan 2020 13:42

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

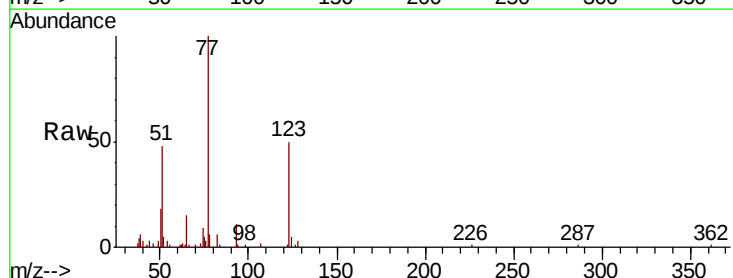


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

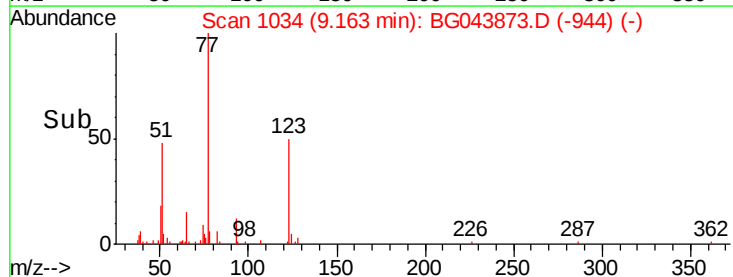
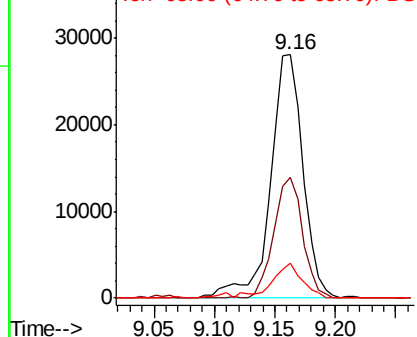


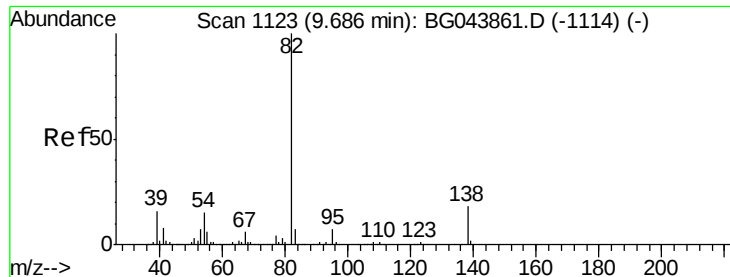
#24
Nitrobenzene
Concen: 5.179 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BG043873.D
Acq: 2 Jan 2020 13:42

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



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





#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 :

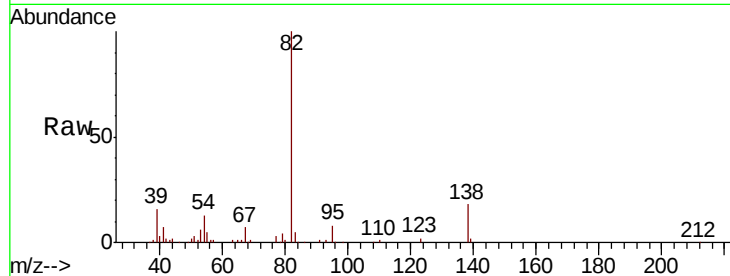
Tot Ion: 82 Resp: 92491

Ion Ratio Lower Upper

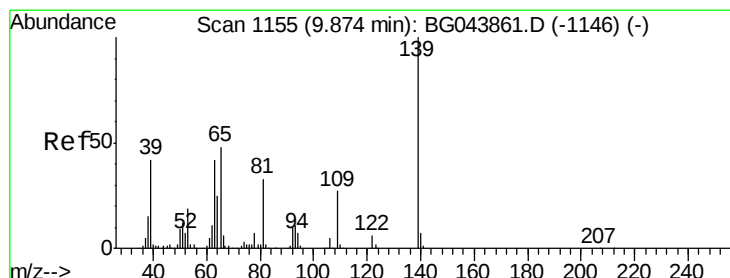
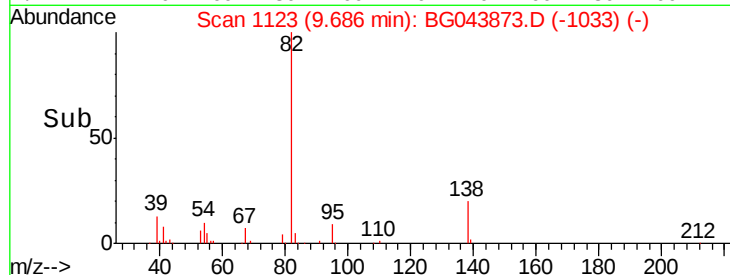
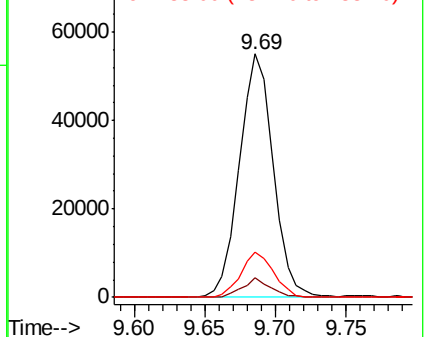
82 100

95 8.1 5.8 8.6

138 18.4 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#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

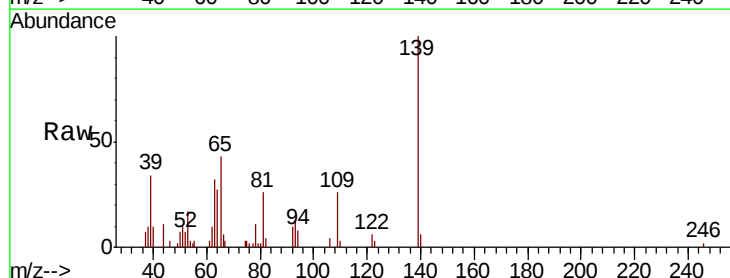
Tgt Ion: 139 Resp: 18404

Ion Ratio Lower Upper

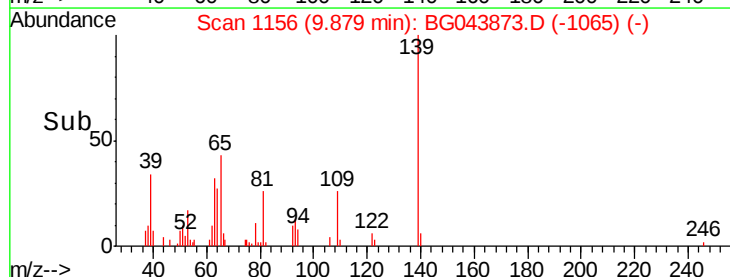
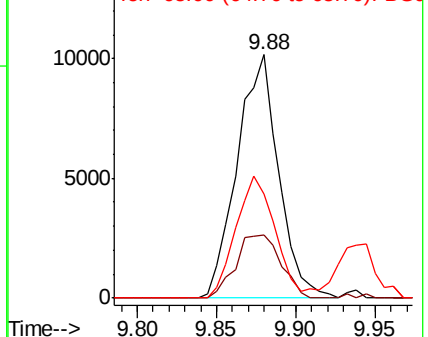
139 100

109 26.1 21.3 31.9

65 42.9 38.6 57.8



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

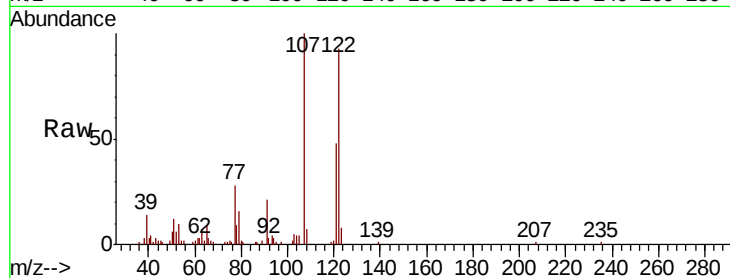




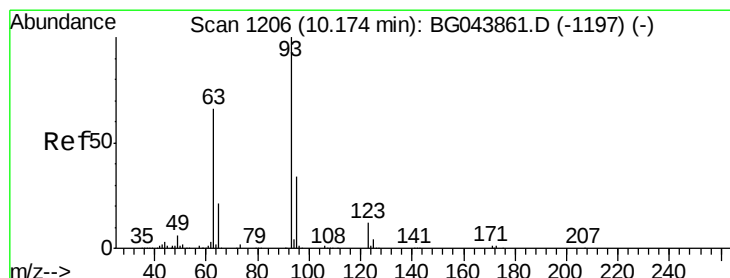
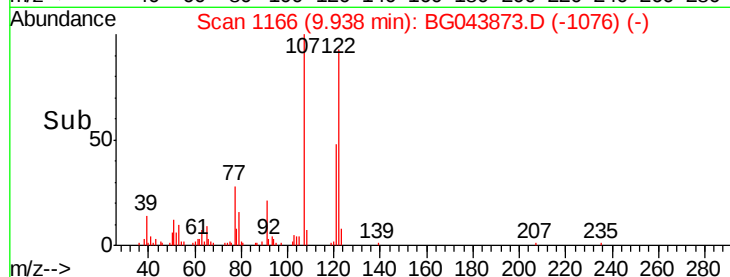
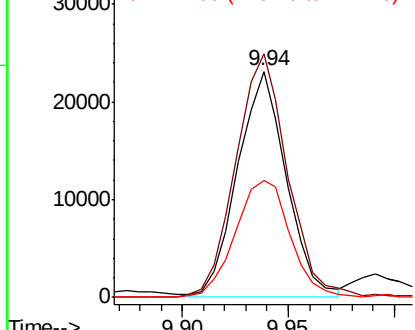
#27
 2,4-Dimethylphenol
 Concen: 5.151 ng
 RT: 9.94 min Scan# 1166
 Delta R.T. -0.00 min
 Lab File: BG043873.D
 Acq: 2 Jan 2020 13:42

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

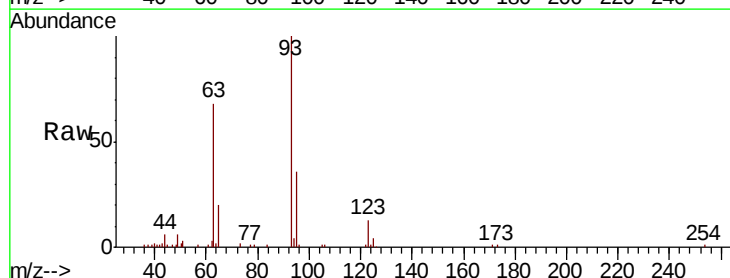


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

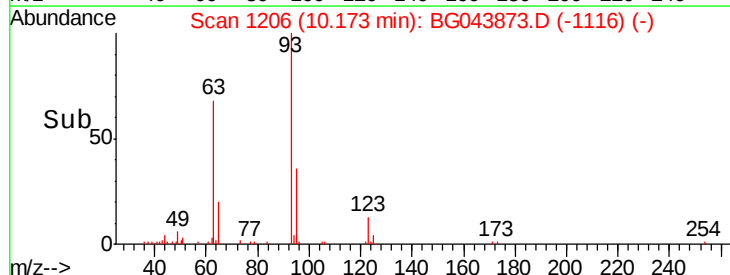
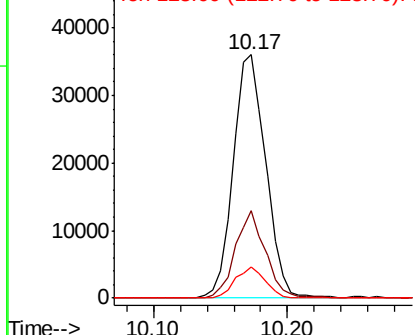


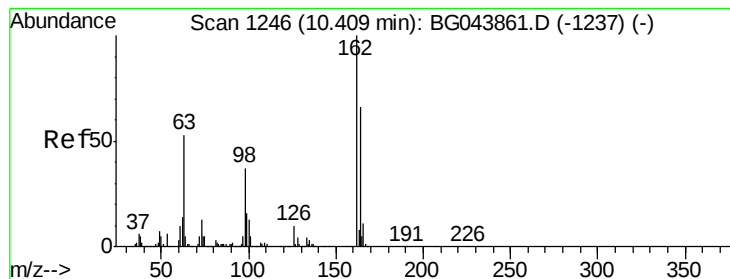
#28
 bis(2-Chloroethoxy)methane
 Concen: 4.803 ng
 RT: 10.17 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BG043873.D
 Acq: 2 Jan 2020 13:42

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 :

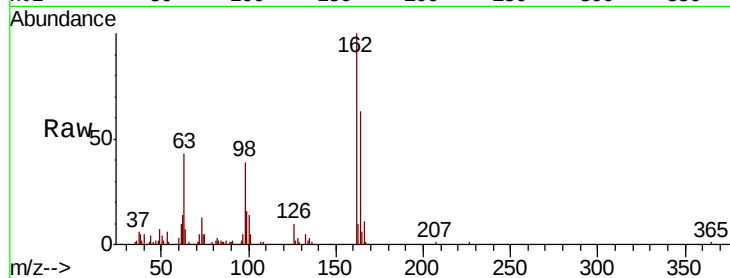
Tot Ion:162 Resp: 36905

Ion Ratio Lower Upper

162 100

164 63.1 46.3 86.3

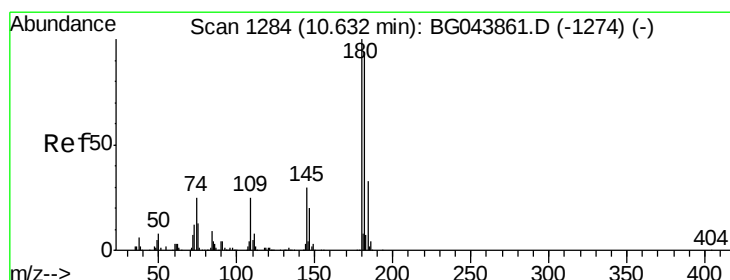
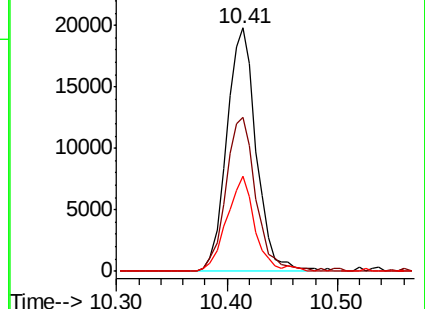
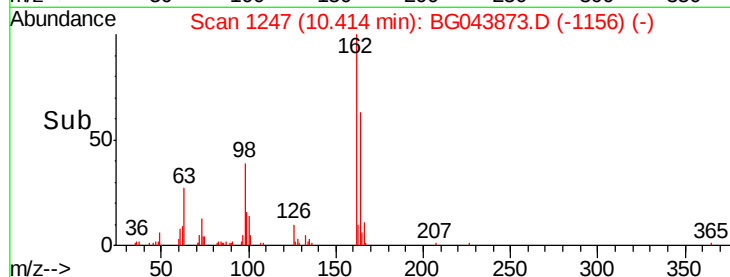
98 39.3 17.3 57.3



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

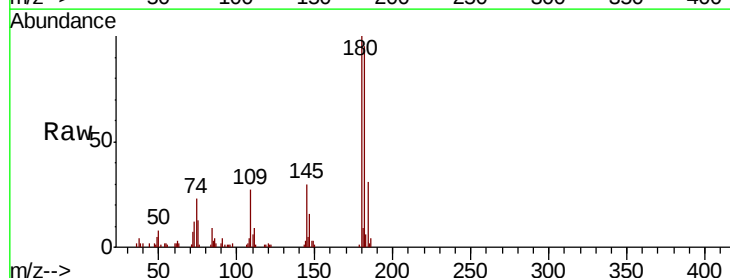
Tgt Ion:180 Resp: 44364

Ion Ratio Lower Upper

180 100

182 94.9 75.0 112.4

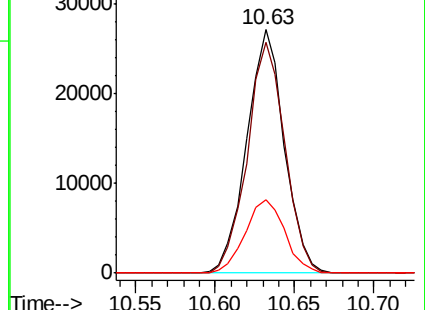
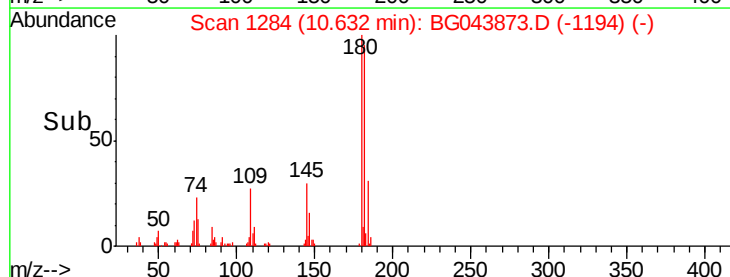
145 30.2 24.2 36.4



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

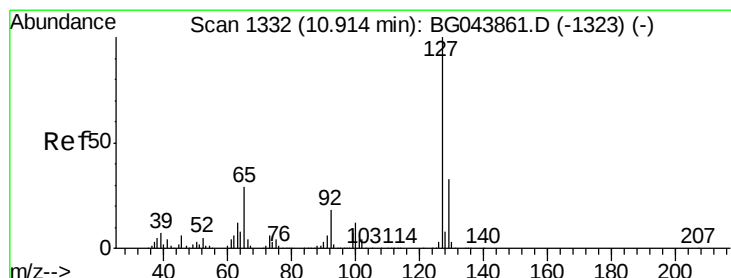
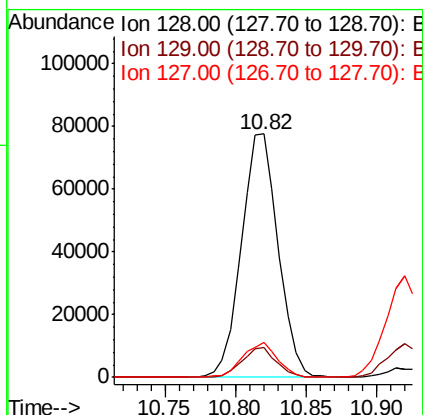
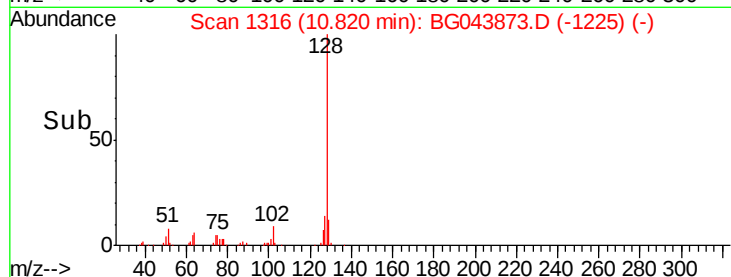
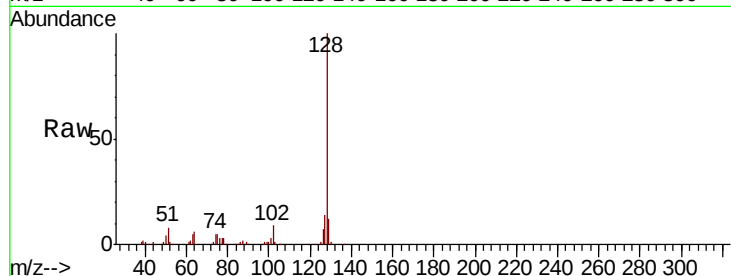




#31
Naphthalene
Concen: 5.374 ng
RT: 10.82 min Scan# 1316
Delta R.T. 0.01 min
Lab File: BG043873.D
Acq: 2 Jan 2020 13:42

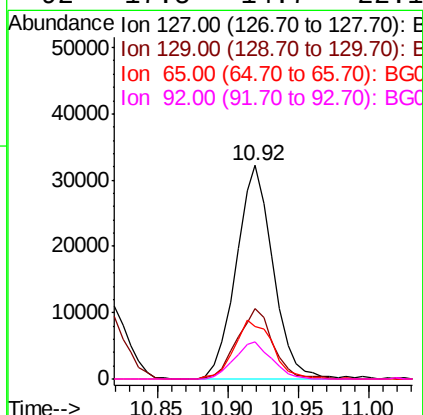
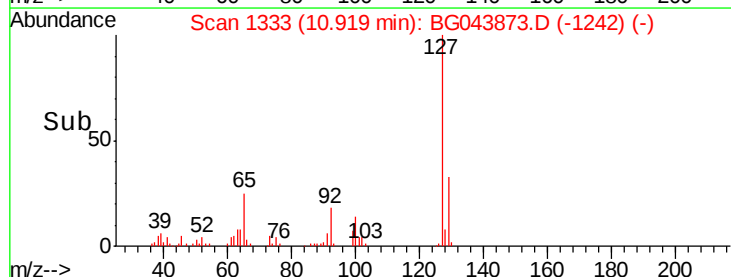
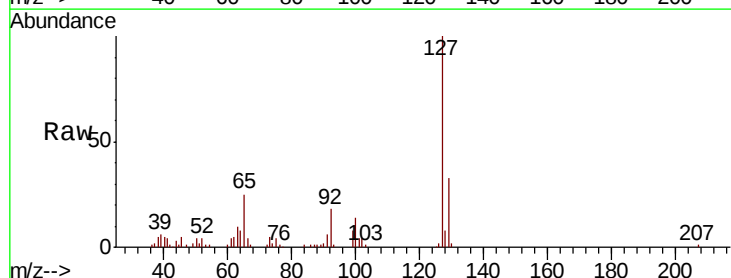
Instrument :
BNA_G
ClientSampleId :

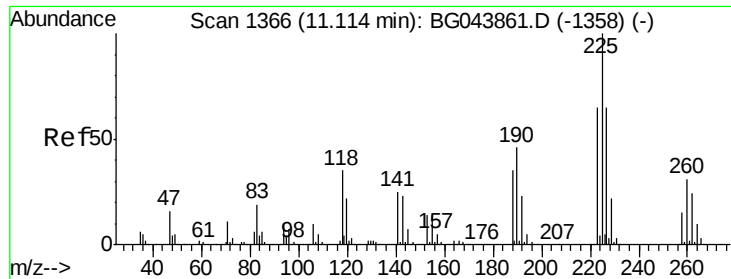
Tot Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.8	14.6
127	14.2	12.0	18.0



#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

Tgt 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





#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

Instrument :

BNA_G

ClientSampleId :

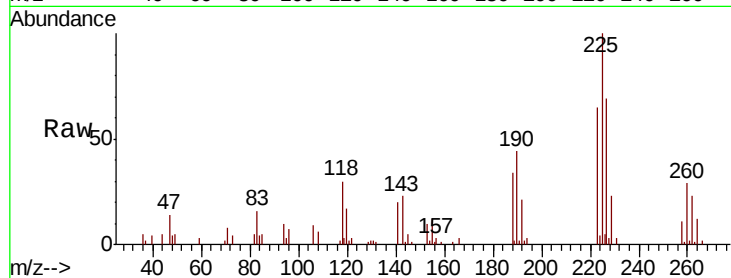
Tot Ion:225 Resp: 26139

Ion Ratio Lower Upper

225 100

223 65.3 52.2 78.4

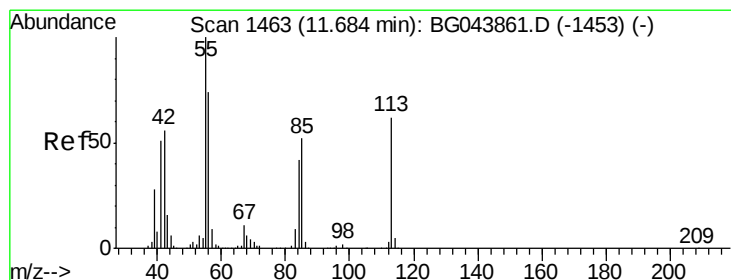
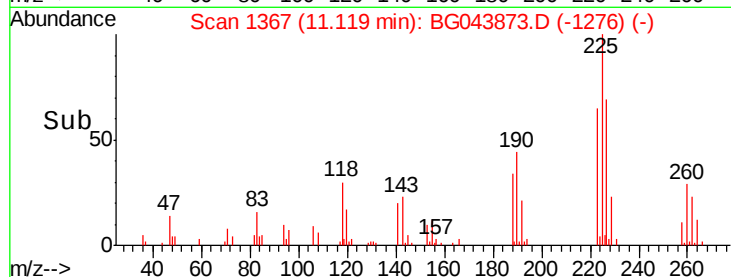
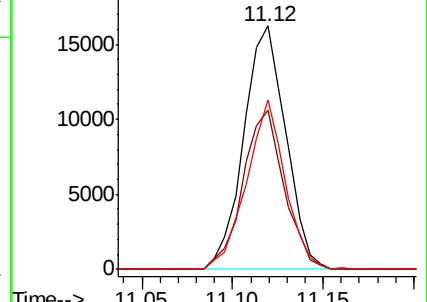
227 72.7 52.1 78.1



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

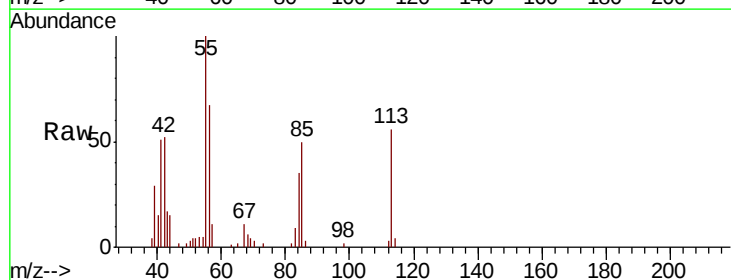
Tgt Ion:113 Resp: 13802

Ion Ratio Lower Upper

113 100

55 180.1 142.5 182.5

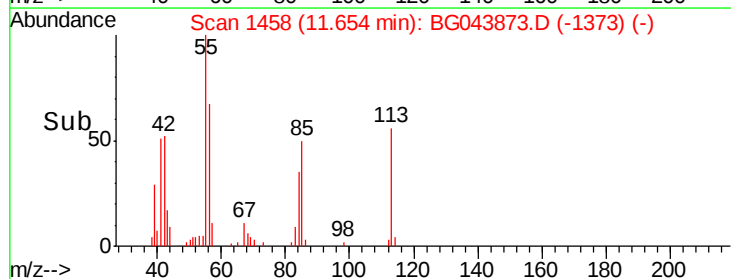
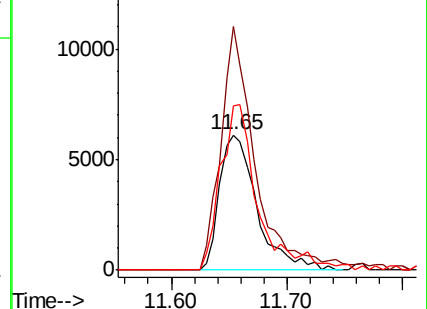
56 121.2 101.4 141.4

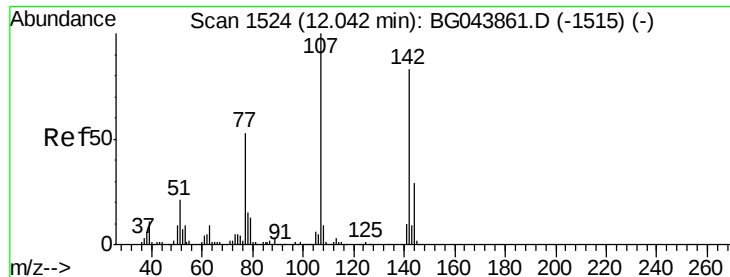


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0

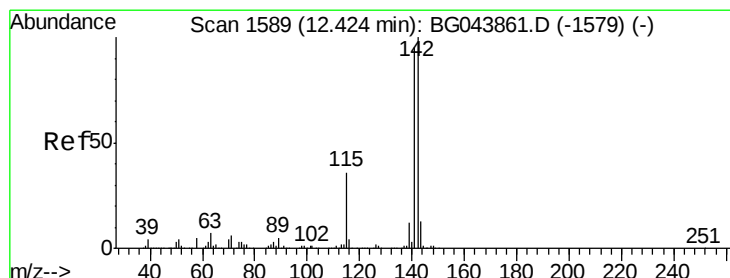
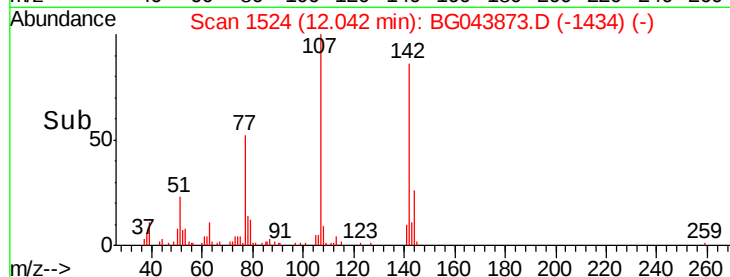
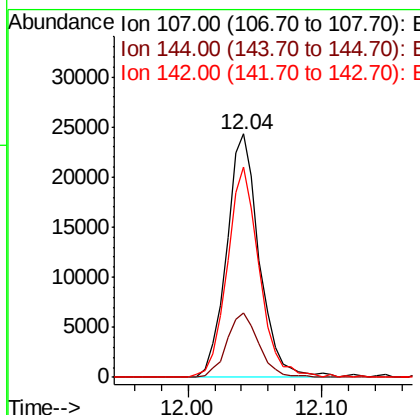
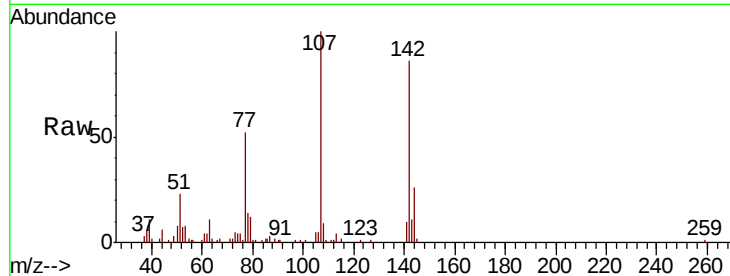




#36
 4-Chloro-3-methylphenol
 Concen: 4.568 ng
 RT: 12.04 min Scan# 1524
 Delta R.T. -0.00 min
 Lab File: BG043873.D
 Acq: 2 Jan 2020 13:42

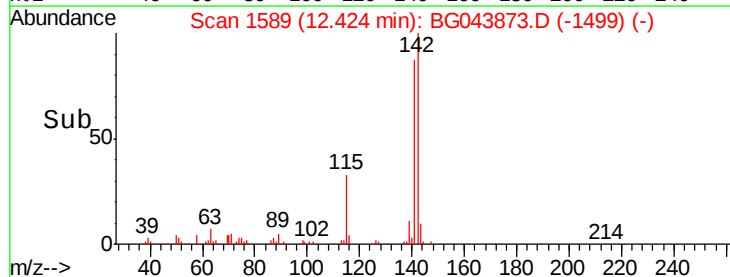
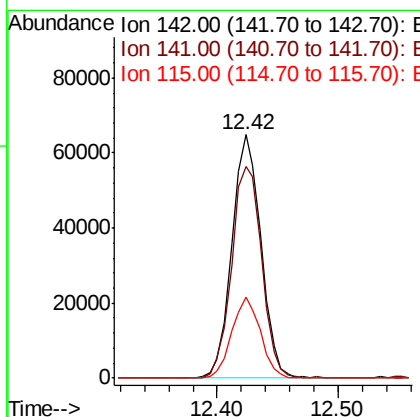
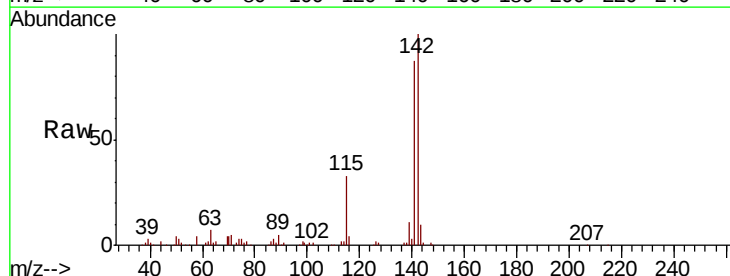
Instrument :
 BNA_G
 ClientSampleId :

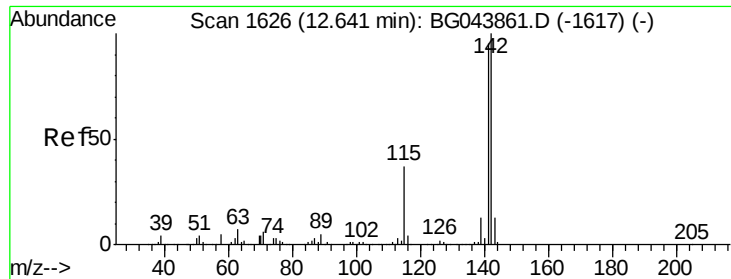
Tot Ion:107 Resp: 41452
 Ion Ratio Lower Upper
 107 100
 144 26.5 23.4 35.2
 142 86.3 66.3 99.5



#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

Tgt Ion:142 Resp: 108116
 Ion Ratio Lower Upper
 142 100
 141 87.1 75.8 113.8
 115 33.3 28.6 42.8

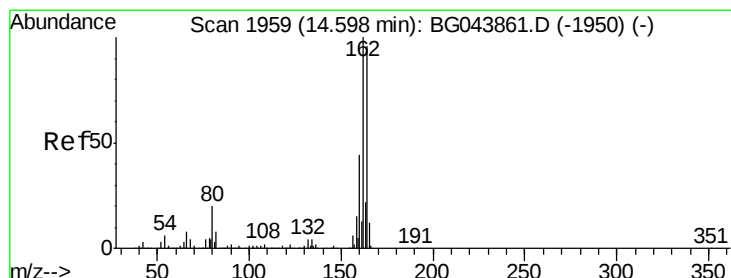
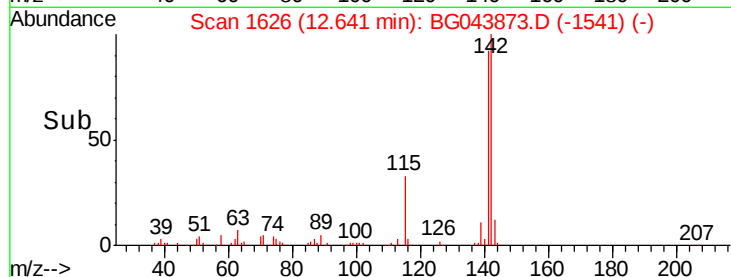
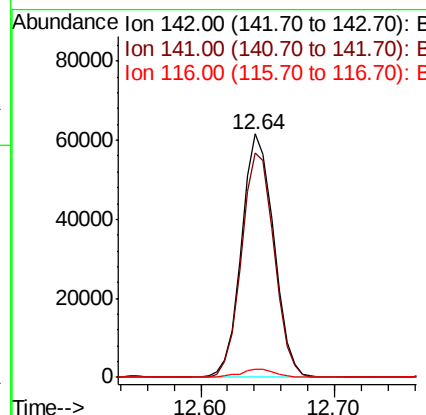
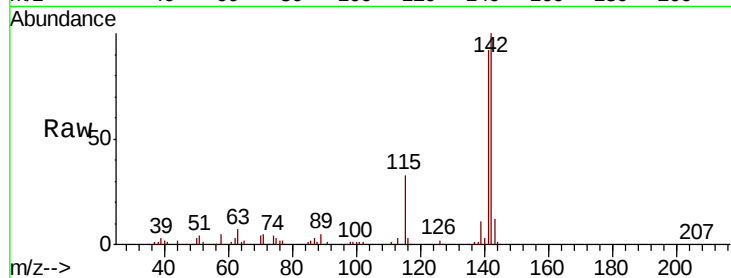




#38
1-Methylnaphthalene
Concen: 5.499 ng
RT: 12.64 min Scan# 1626
Delta R.T. -0.00 min
Lab File: BG043873.D
Acq: 2 Jan 2020 13:42

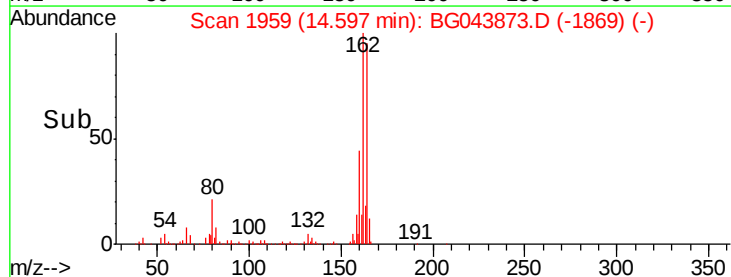
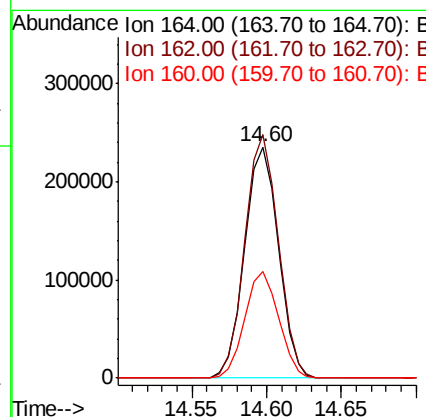
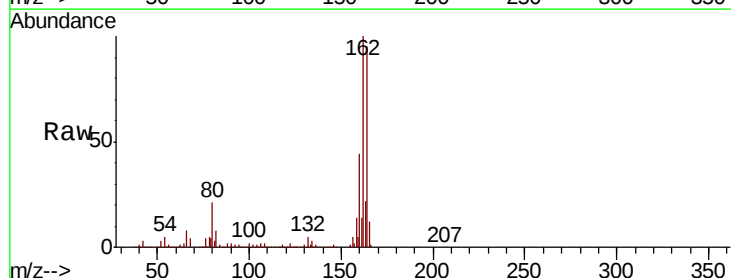
Instrument :
BNA_G
ClientSampleId :

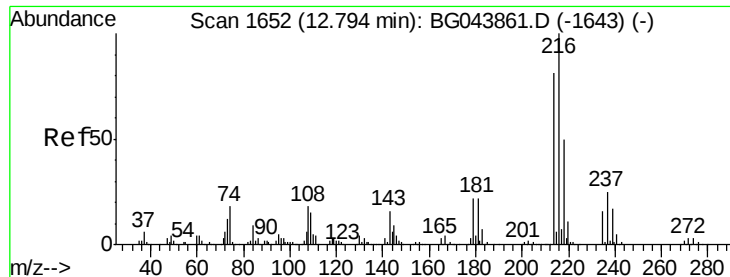
Tot Ion:142 Resp: 102898
Ion Ratio Lower Upper
142 100
141 92.4 76.0 114.0
116 3.2 3.1 4.7



#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

Tgt Ion:164 Resp: 369773
Ion Ratio Lower Upper
164 100
162 105.4 83.0 124.4
160 46.1 36.1 54.1





#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

Instrument :

BNA_G

ClientSampled :

Tot Ion:216 Resp: 51568

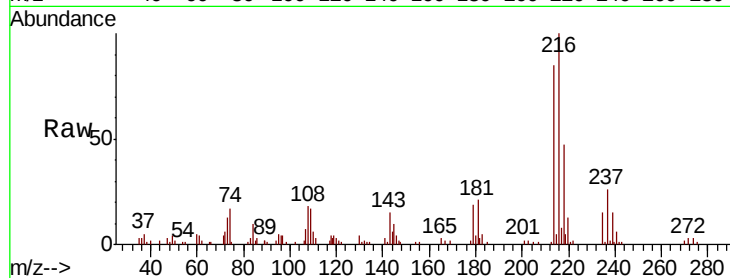
Ion Ratio Lower Upper

216 100

214 78.7 63.8 95.8

179 21.3 17.3 25.9

108 19.5 15.3 22.9

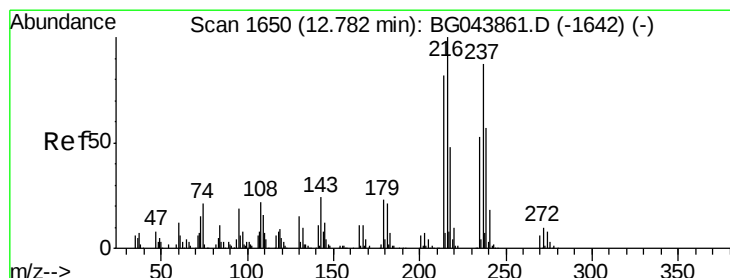
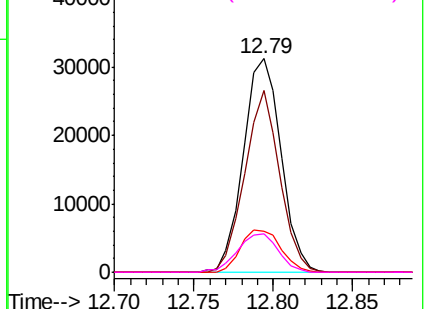
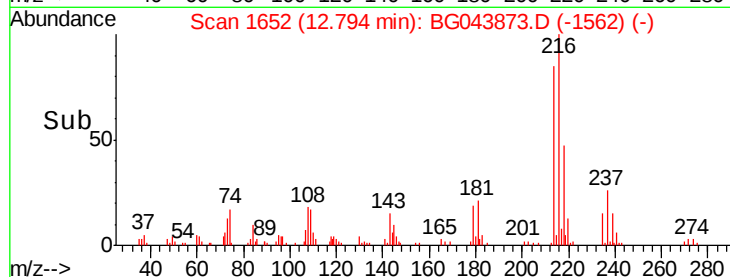


Abundance Ion 216.00 (215.70 to 216.70): E

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

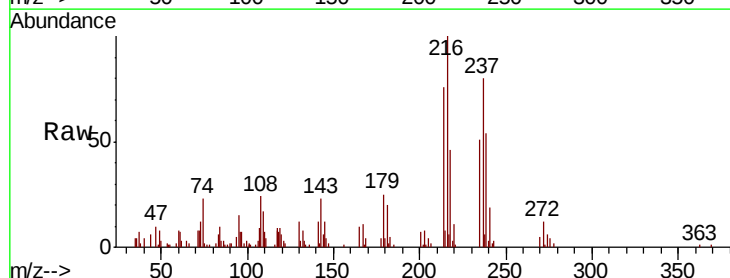
Tgt Ion:237 Resp: 23790

Ion Ratio Lower Upper

237 100

235 62.9 41.1 81.1

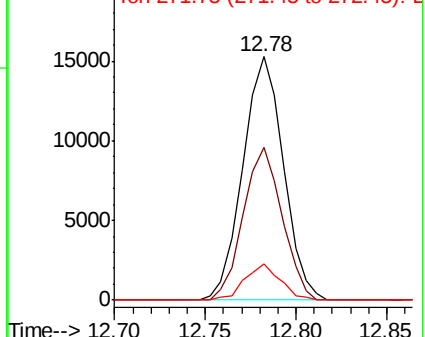
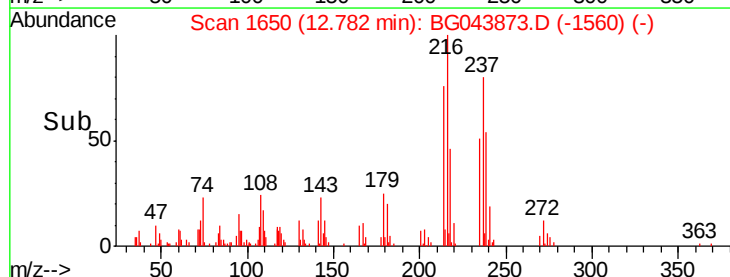
272 15.0 0.0 31.7

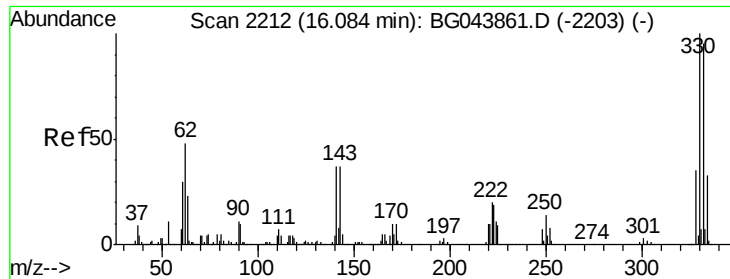


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

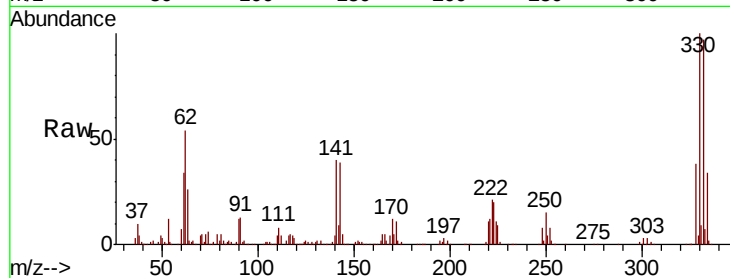




#42
 2,4,6-Tribromophenol
 Concen: 144.685 ng
 RT: 16.08 min Scan# 2212
 Delta R.T. -0.00 min
 Lab File: BG043873.D
 Acq: 2 Jan 2020 13:42

Instrument :
 BNA_G
 ClientSampled :

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

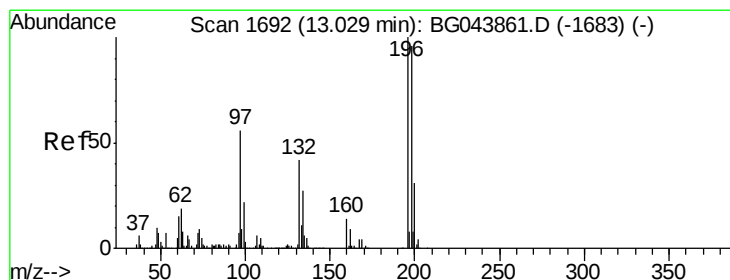
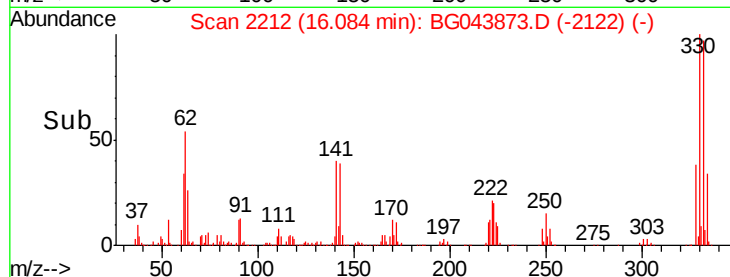
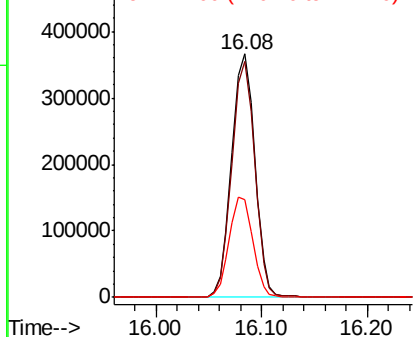


Abundance

Ion 329.80 (329.50 to 330.50): E

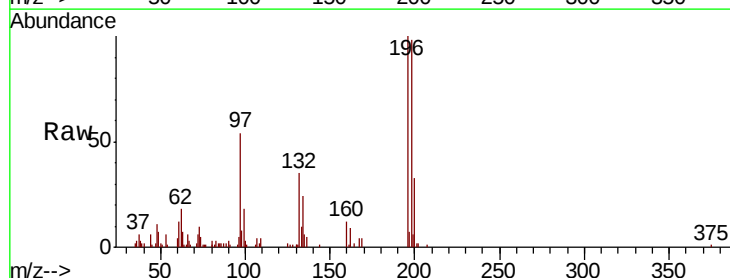
Ion 331.80 (331.50 to 332.50): E

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

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.1	76.6	115.0
200	32.9	24.6	37.0

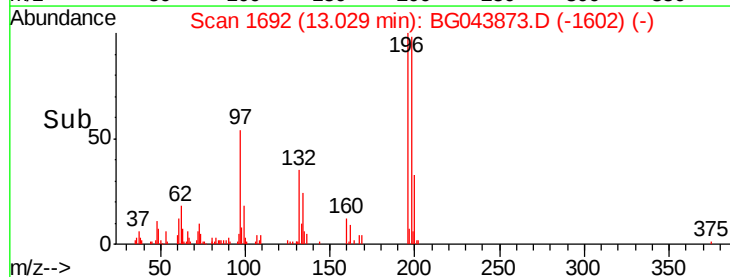
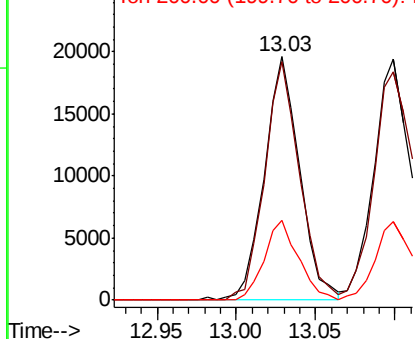


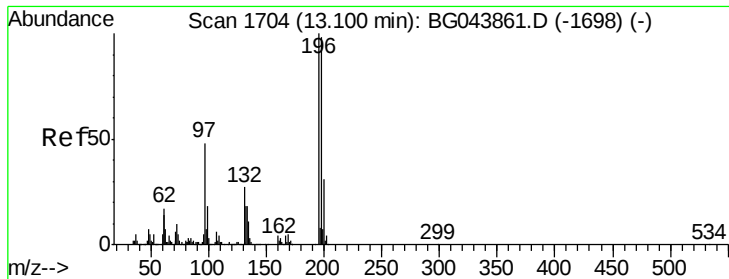
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





#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

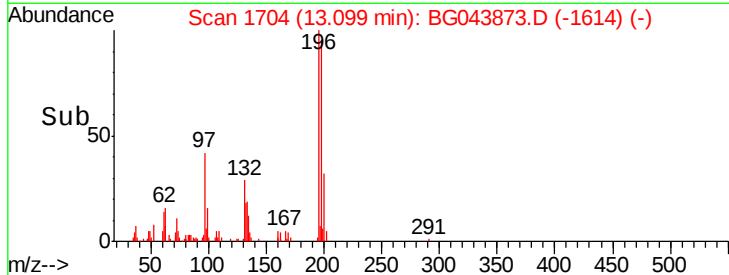
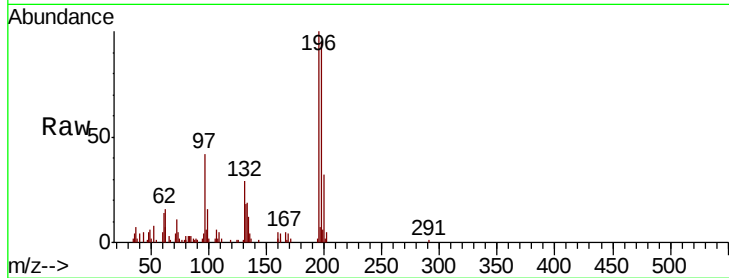
Instrument :

BNA_G

ClientSampleId :

Tot 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

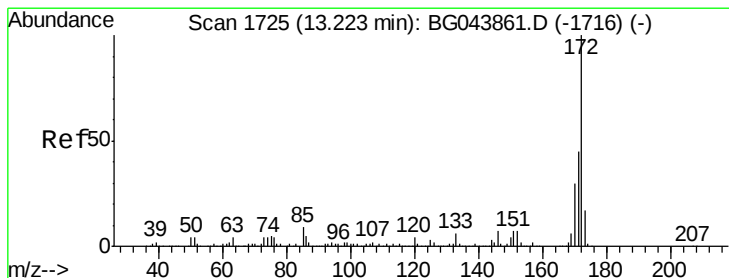


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#45

2-Fluorobiphenyl

Concen: 104.289 ng

RT: 13.22 min Scan# 1725

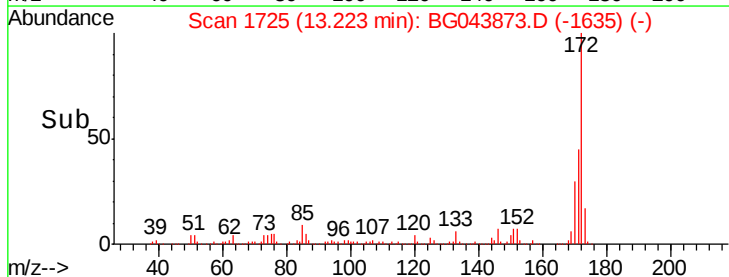
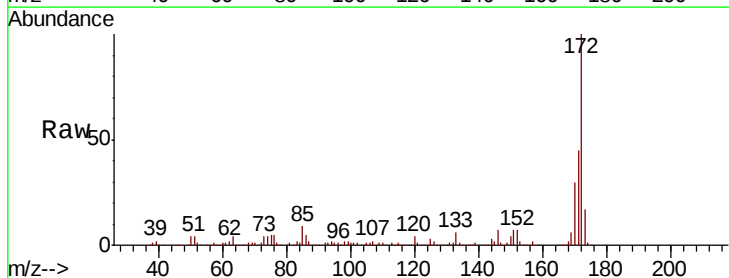
Delta R.T. -0.00 min

Lab File: BG043873.D

Acq: 2 Jan 2020 13:42

Tgt Ion:172 Resp: 2128489

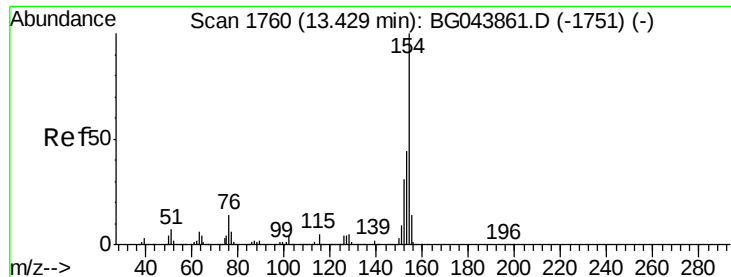
Ion	Ratio	Lower	Upper
172	100		
171	44.6	35.8	53.8
170	29.9	24.2	36.4



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

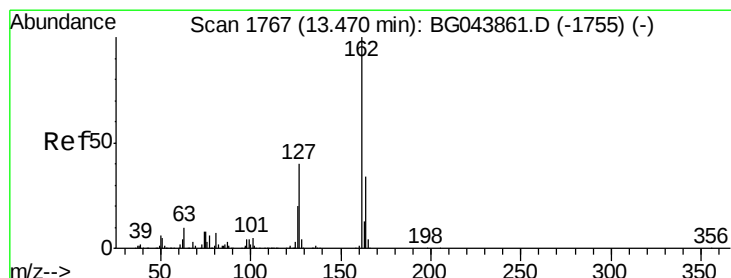
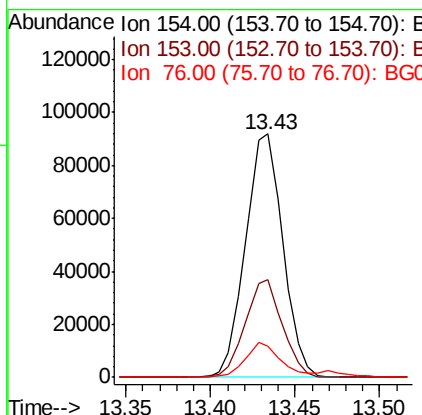
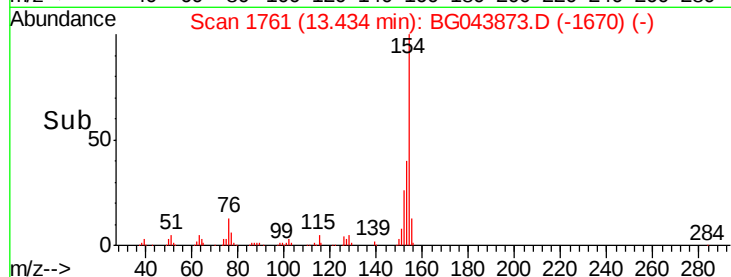
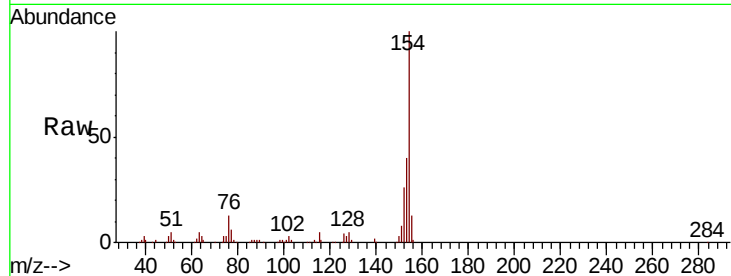
Ion 170.00 (169.70 to 170.70): E



#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

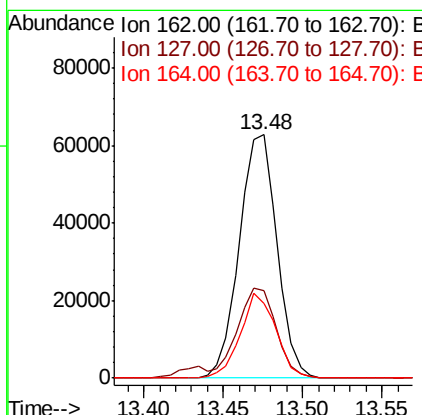
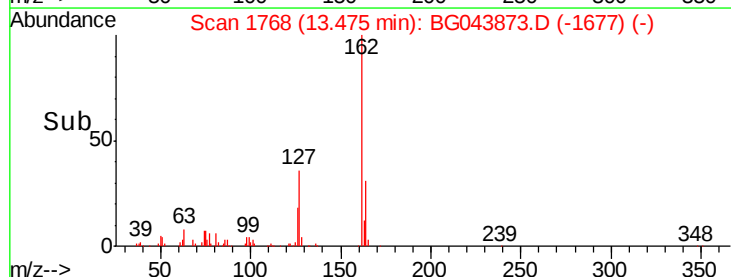
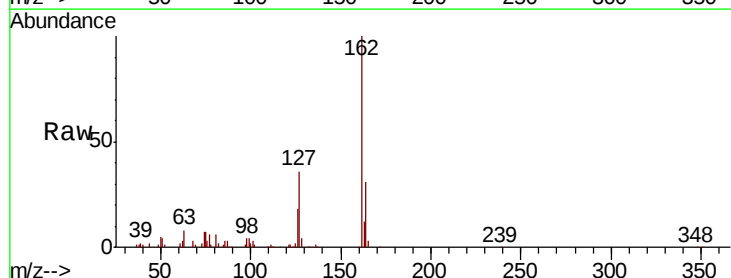
Instrument :
 BNA_G
 ClientSampleId :

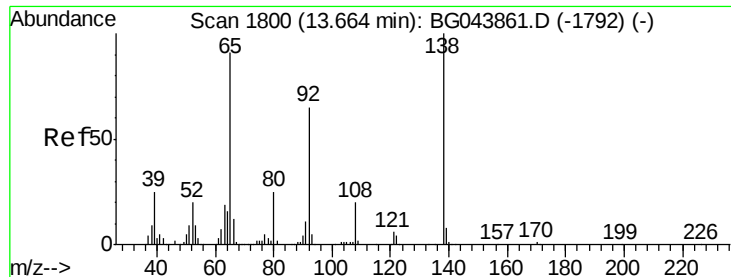
Tot Ion:154 Resp: 141720
 Ion Ratio Lower Upper
 154 100
 153 40.4 23.6 63.6
 76 13.0 0.0 34.4



#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

Tgt Ion:162 Resp: 103585
 Ion Ratio Lower Upper
 162 100
 127 35.8 32.1 48.1
 164 30.7 27.5 41.3

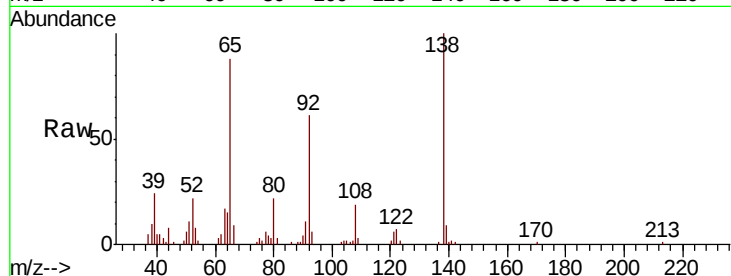




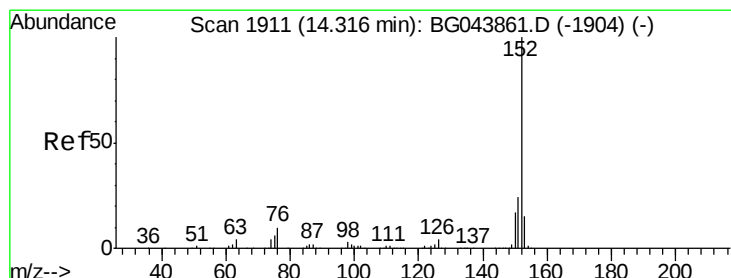
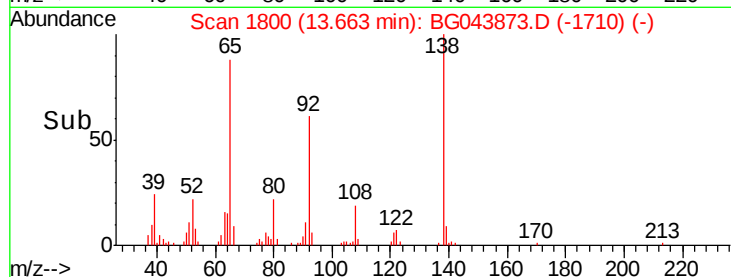
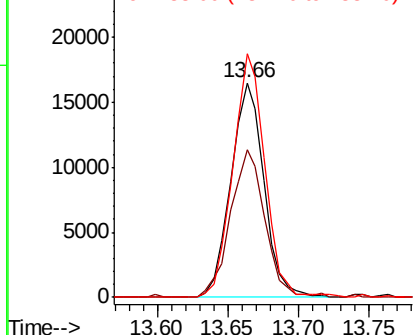
#48
2-Nitroaniline
Concen: 3.898 ng
RT: 13.66 min Scan# 1800
Delta R.T. -0.00 min
Lab File: BG043873.D
Acq: 2 Jan 2020 13:42

Instrument :
BNA_G
ClientSampled :

Tot Ion: 65 Resp: 26865
Ion Ratio Lower Upper
65 100
92 69.0 57.4 86.2
138 113.5 88.2 132.4

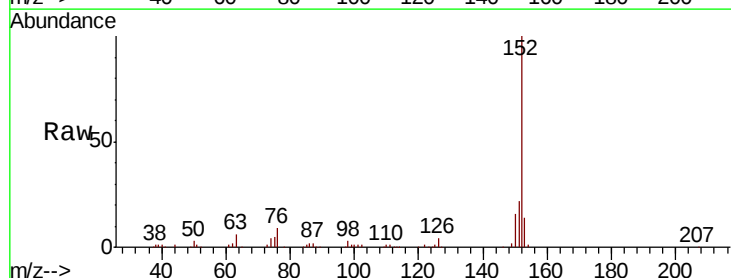


Abundance Ion 65.00 (64.70 to 65.70): BG043861.D (-1792) (-)
Ion 92.00 (91.70 to 92.70): BG043861.D (-1792) (-)
Ion 138.00 (137.70 to 138.70): BG043861.D (-1792) (-)

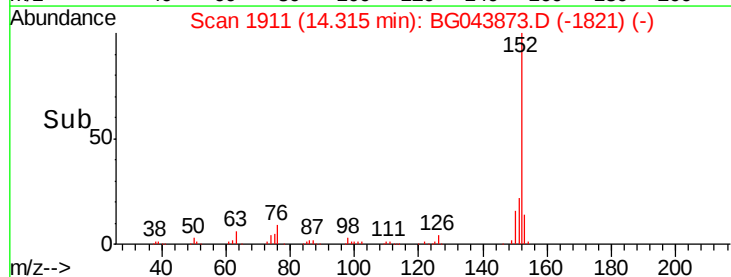
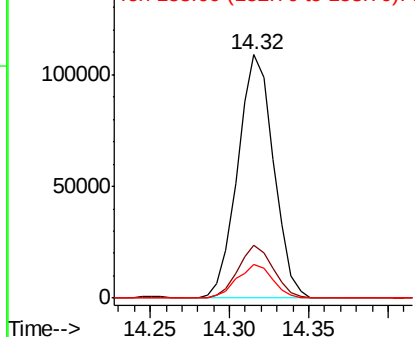


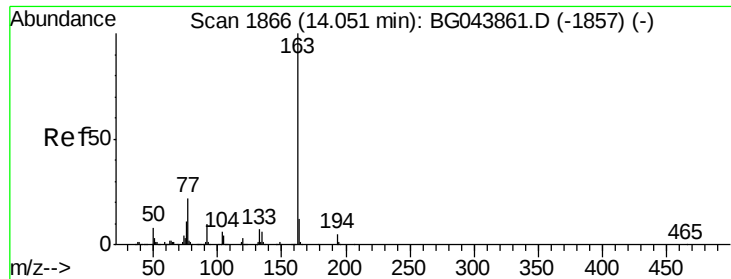
#49
Acenaphthylene
Concen: 5.561 ng
RT: 14.32 min Scan# 1911
Delta R.T. -0.00 min
Lab File: BG043873.D
Acq: 2 Jan 2020 13:42

Tgt 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): BG043861.D (-1904) (-)
Ion 151.00 (150.70 to 151.70): BG043861.D (-1904) (-)
Ion 153.00 (152.70 to 153.70): BG043861.D (-1904) (-)

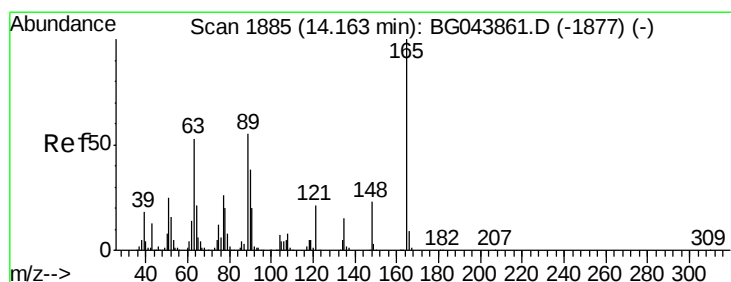
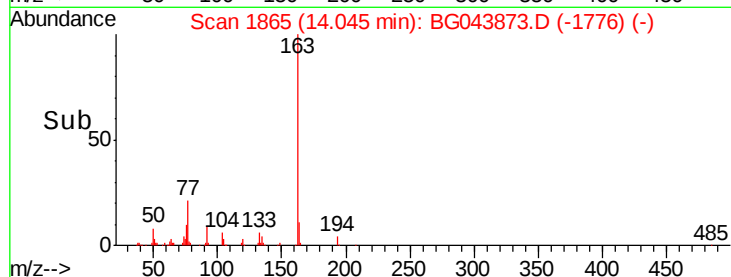
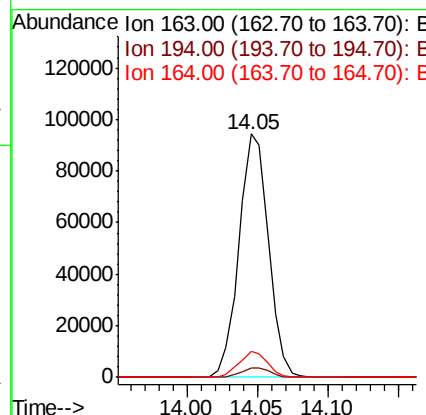
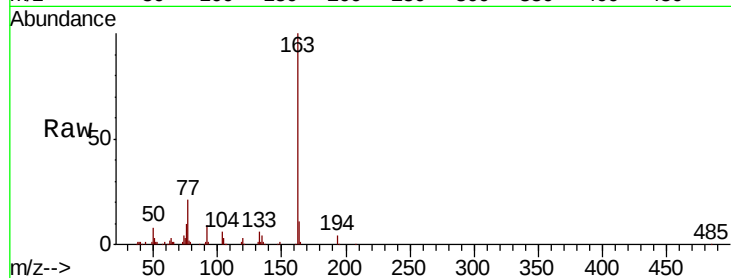




#50
Dimethylphthalate
Concen: 5.233 ng
RT: 14.05 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BG043873.D
Acq: 2 Jan 2020 13:42

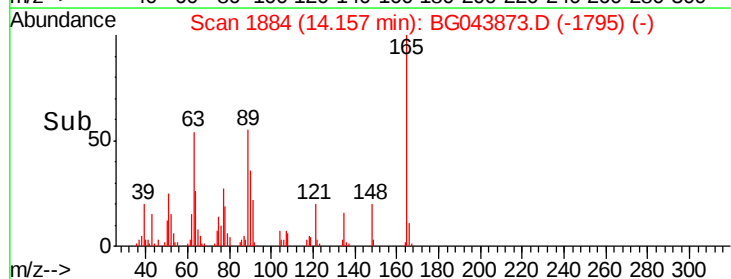
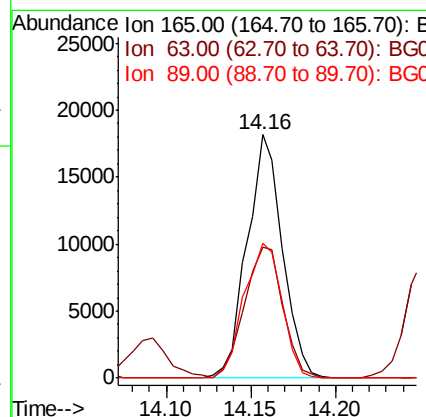
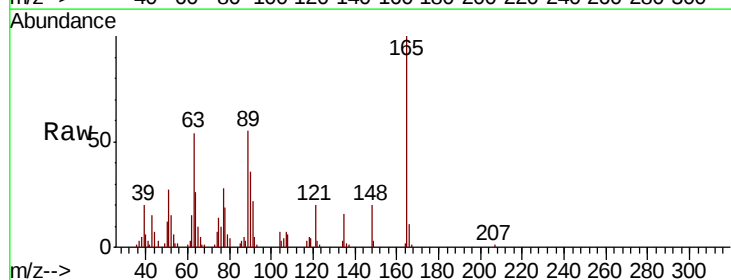
Instrument :
BNA_G
ClientSampleId :

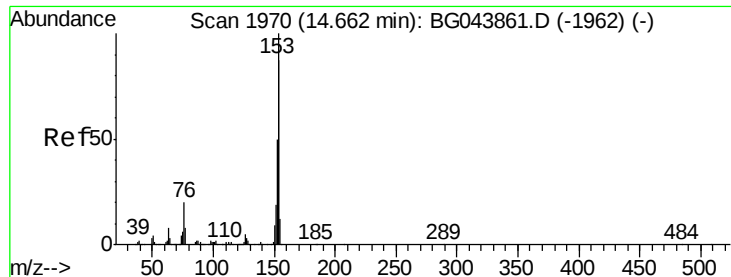
Tot Ion	163	Resp	137399
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.7	5.5
164	10.5	9.3	13.9



#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

Tgt Ion	165	Resp	26432
Ion Ratio	Lower	Upper	
165	100		
63	54.0	43.1	64.7
89	55.4	43.8	65.6





#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

Instrument :

BNA_G

ClientSampleId :

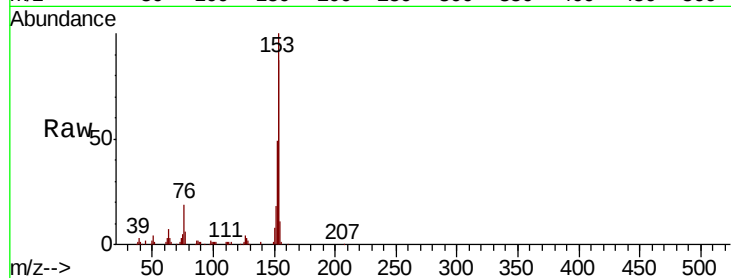
Tot Ion:154 Resp: 106284

Ion Ratio Lower Upper

154 100

153 114.4 91.6 137.4

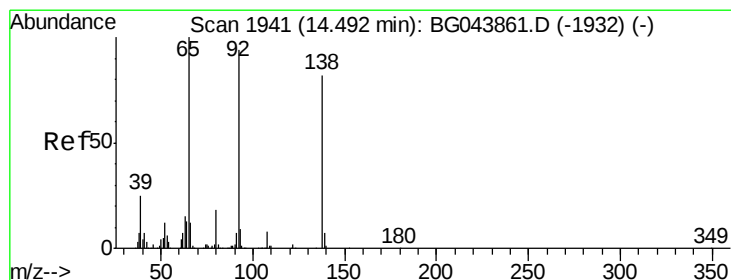
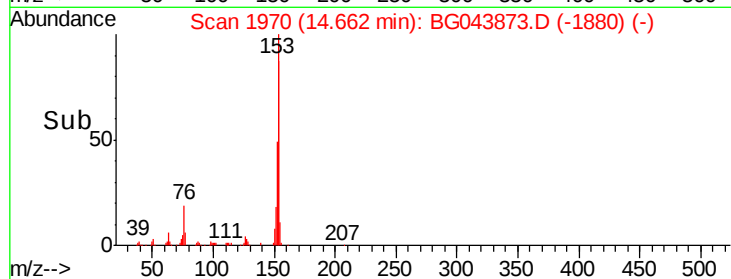
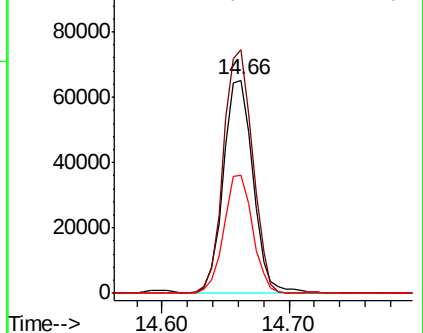
152 55.7 45.4 68.0



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

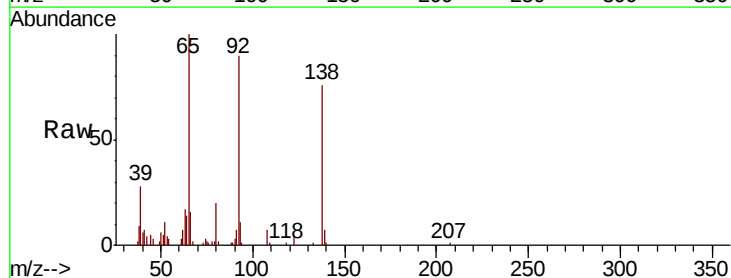
Tgt Ion:138 Resp: 27651

Ion Ratio Lower Upper

138 100

108 9.0 7.4 11.2

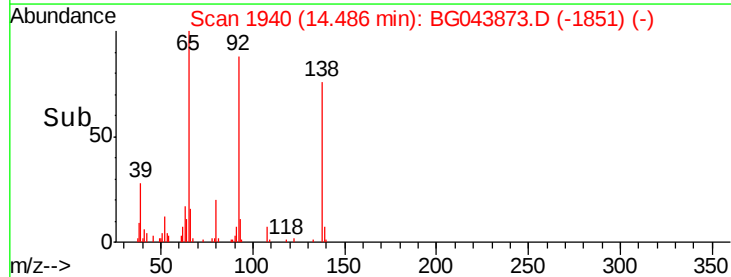
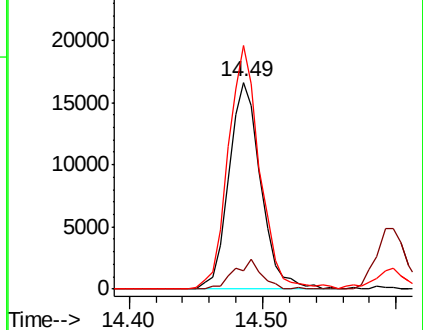
92 117.8 92.1 138.1

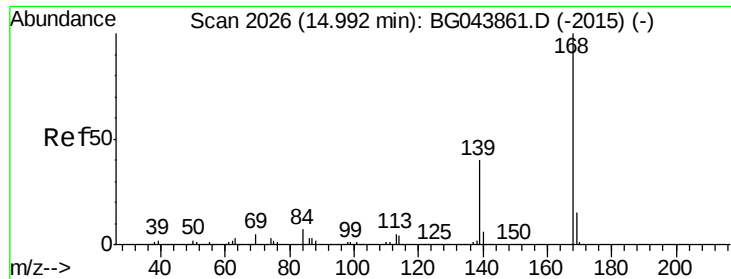


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

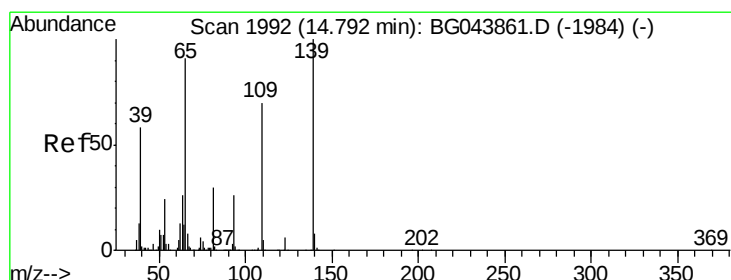
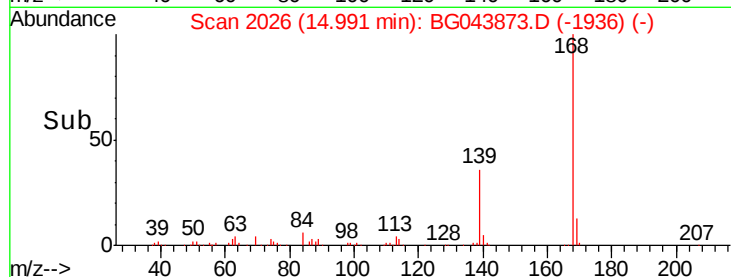
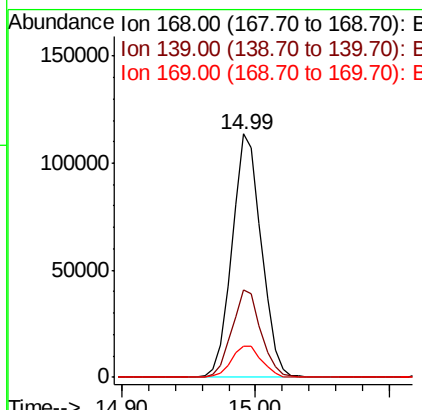
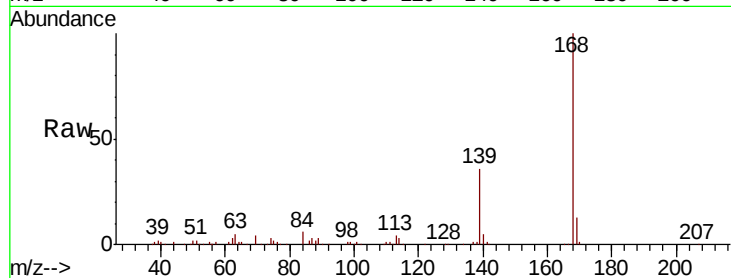




#55
Dibenzenofuran
Concen: 5.816 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG043873.D
Acq: 2 Jan 2020 13:42

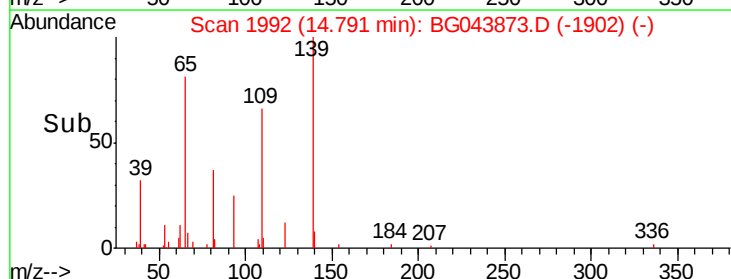
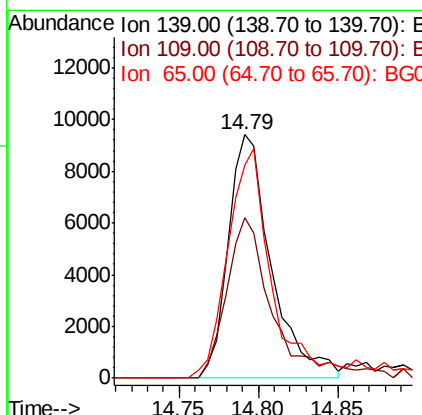
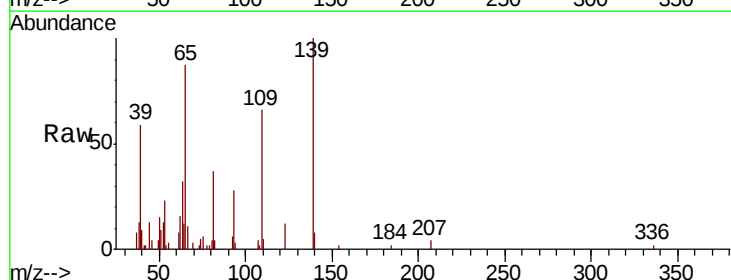
Instrument :
BNA_G
ClientSampleId :

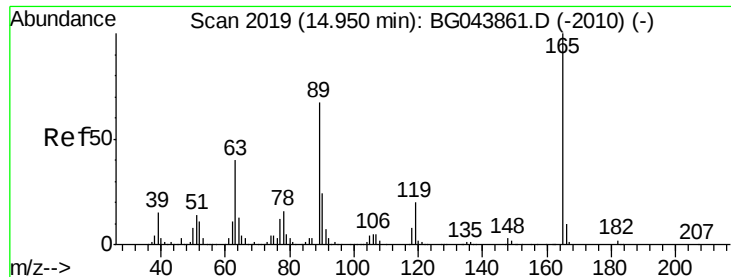
Tot Ion	Ratio	Lower	Upper
168	100		
139	35.8	32.2	48.2
169	12.7	12.2	18.2



#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	Ratio	Lower	Upper
139	100		
109	65.8	50.4	90.4
65	87.2	71.4	111.4

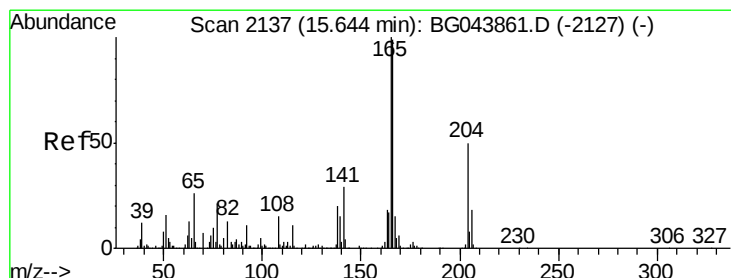
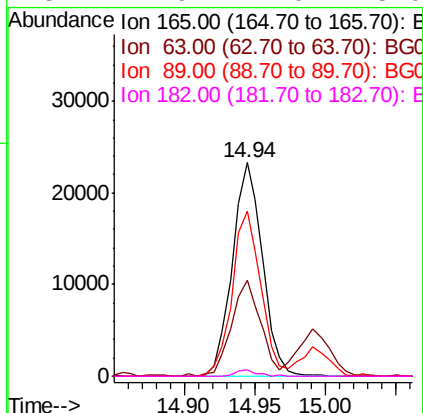
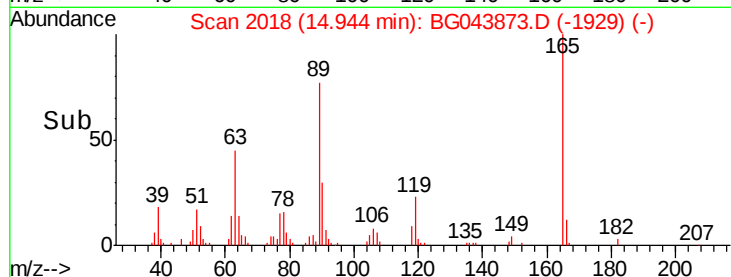
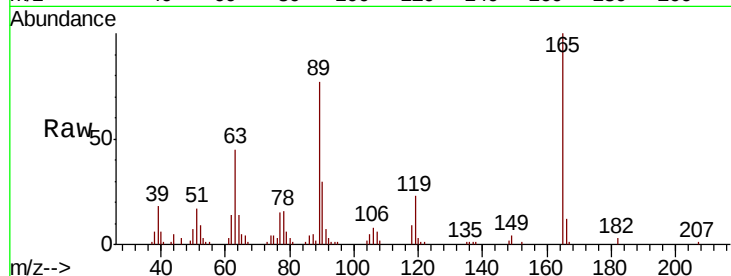




#57
2,4-Dinitrotoluene
Concen: 4.275 ng
RT: 14.94 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BG043873.D
Acq: 2 Jan 2020 13:42

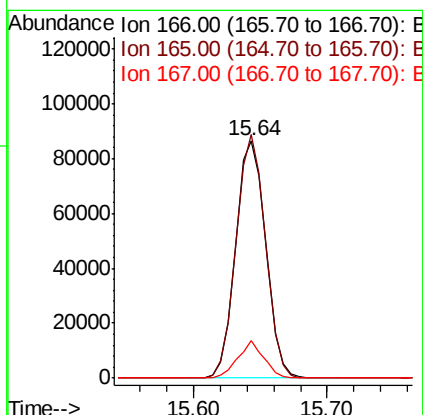
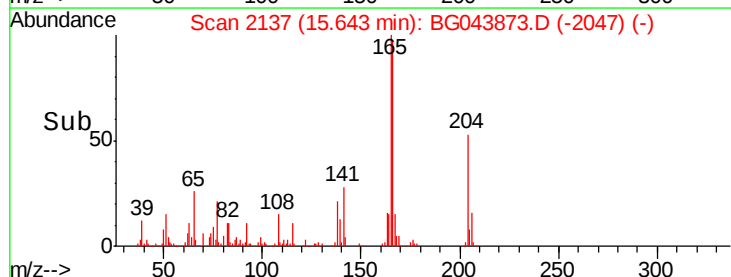
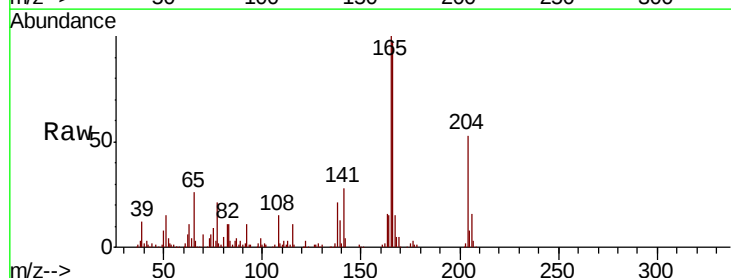
Instrument :
BNA_G
ClientSampleId :

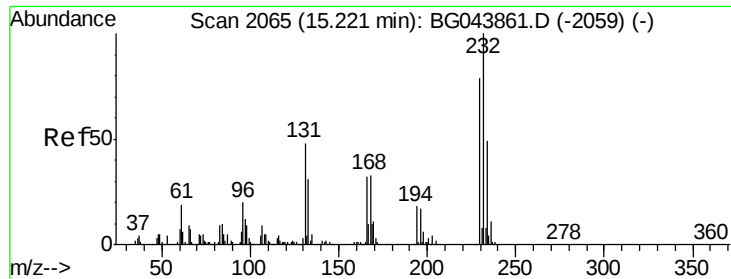
Tot Ion:165 Resp: 34519
Ion Ratio Lower Upper
165 100
63 44.7 31.9 47.9
89 77.2 53.8 80.6
182 2.9 2.0 3.0



#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

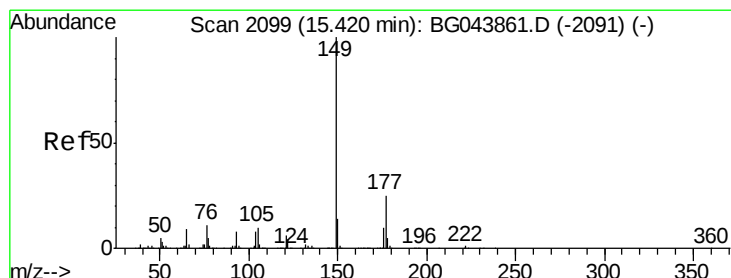
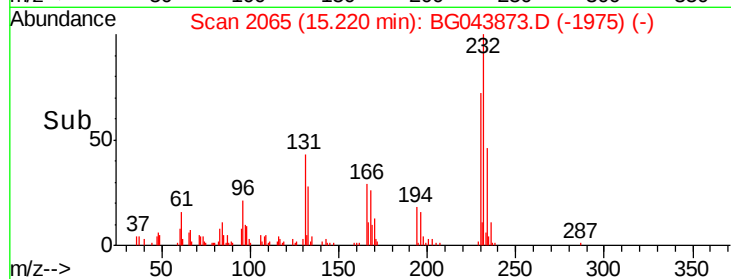
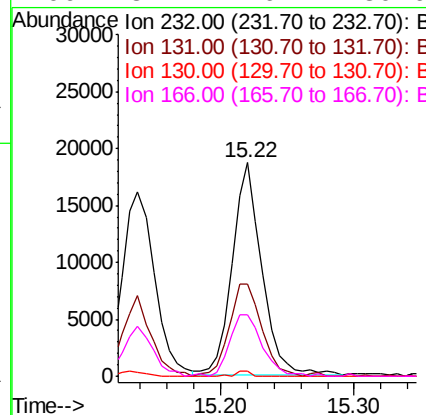
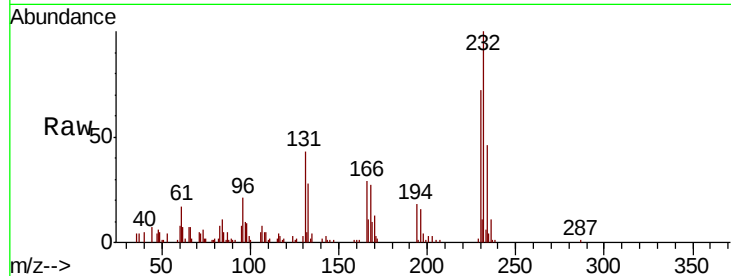




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 4.383 ng
 RT: 15.22 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: BG043873.D
 Acq: 2 Jan 2020 13:42

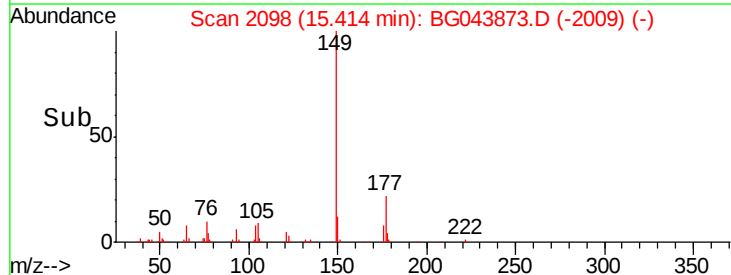
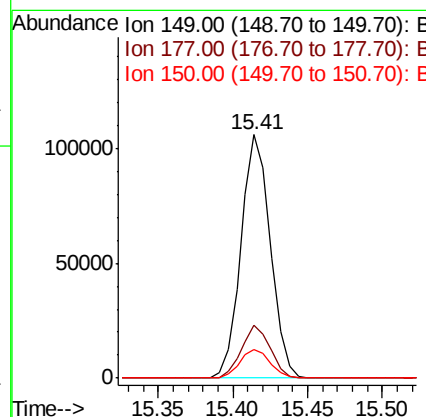
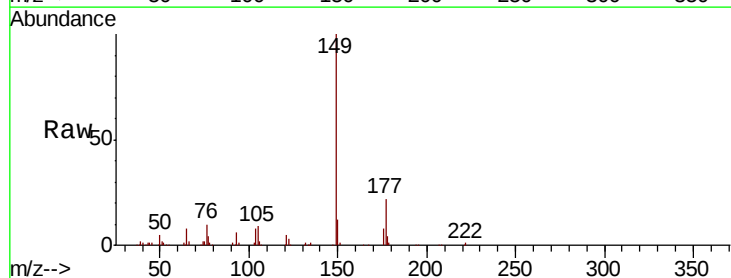
Instrument :
 BNA_G
 ClientSampleId :

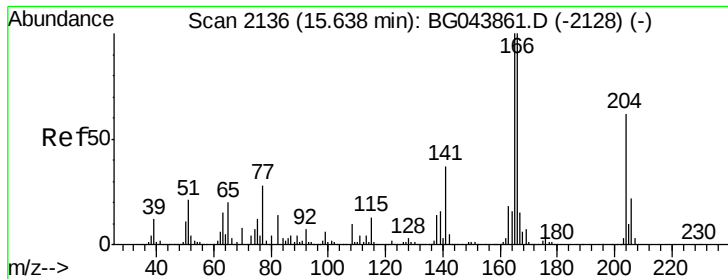
Tot Ion	Ratio	Lower	Upper
232	100		
131	48.0	38.2	57.2
130	1.3	2.2	3.2#
166	32.2	26.4	39.6



#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

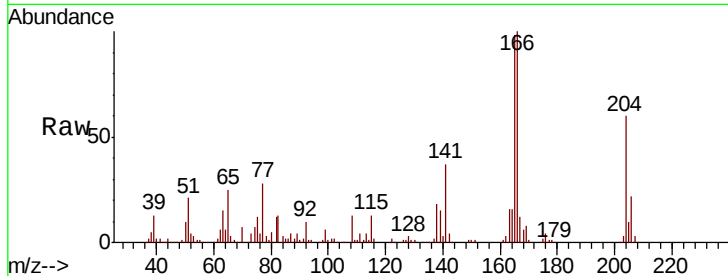




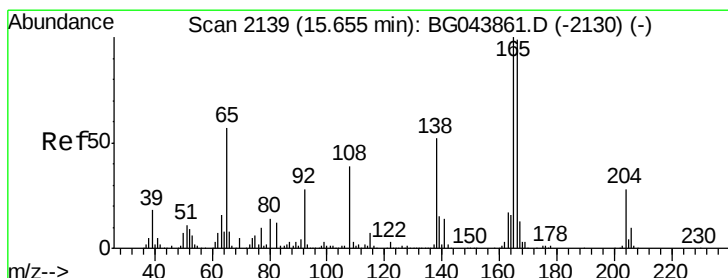
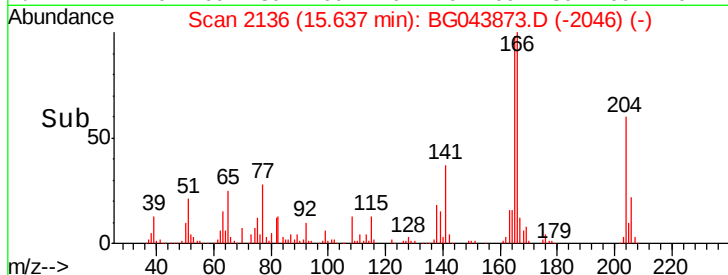
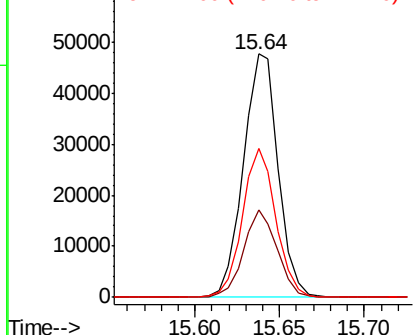
#61
4-Chlorophenyl-phenylether
Concen: 5.318 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BG043873.D
Acq: 2 Jan 2020 13:42

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

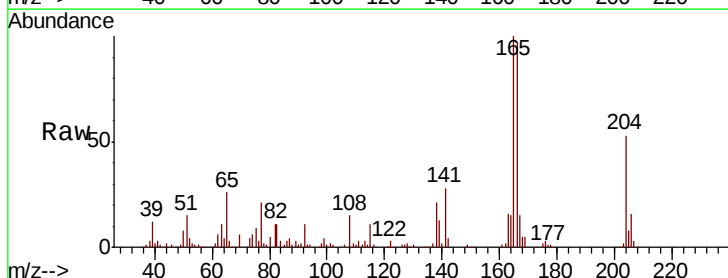


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

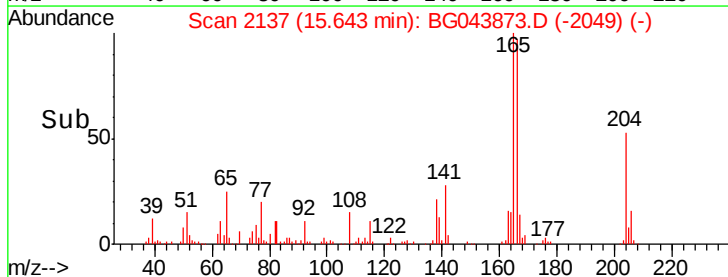
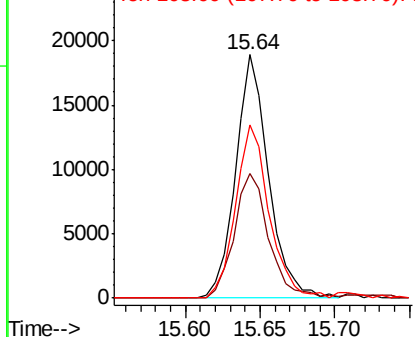


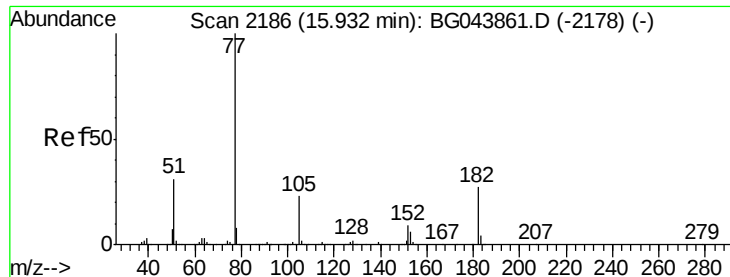
#62
4-Nitroaniline
Concen: 4.354 ng
RT: 15.64 min Scan# 2137
Delta R.T. -0.01 min
Lab File: BG043873.D
Acq: 2 Jan 2020 13:42

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

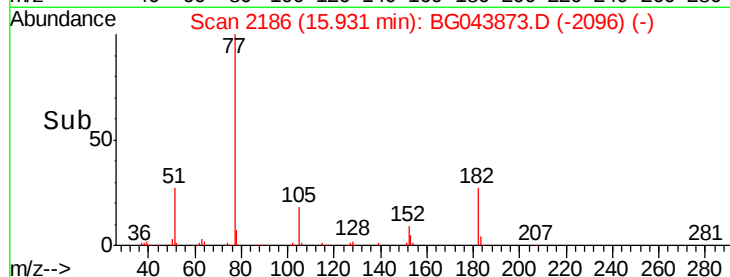
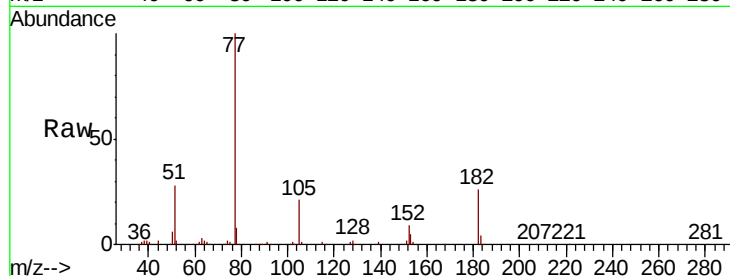
Ion Ratio Lower Upper

77 100

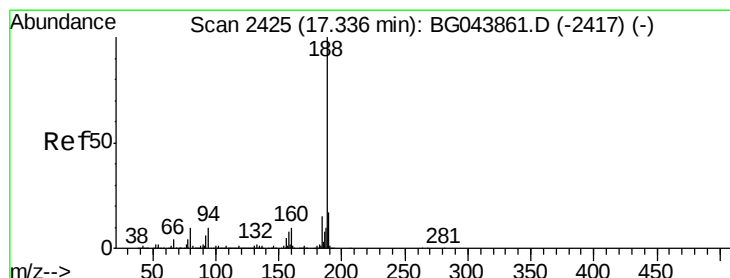
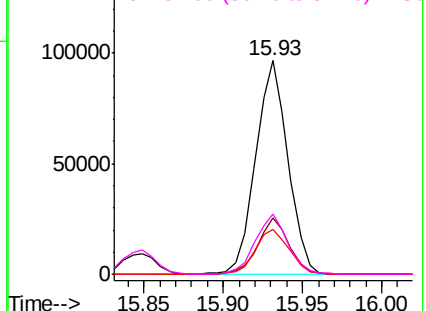
182 26.2 7.3 47.3

105 20.8 3.2 43.2

51 28.0 10.6 50.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
150000 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

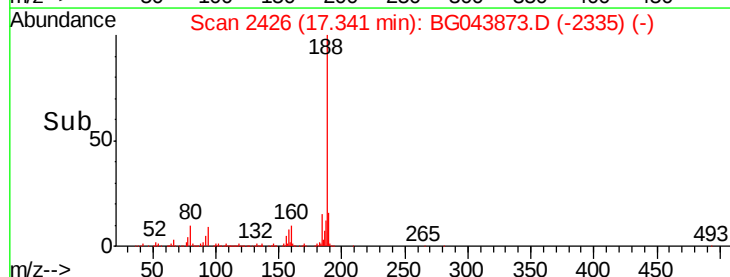
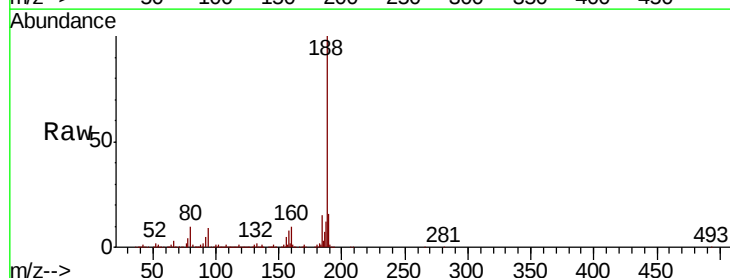
Tgt Ion: 188 Resp: 807208

Ion Ratio Lower Upper

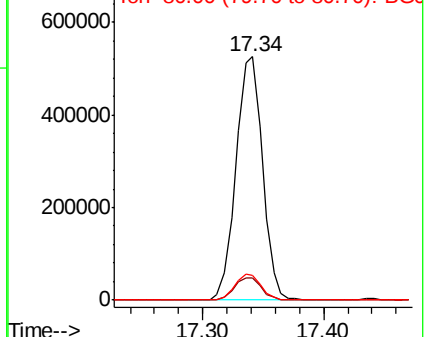
188 100

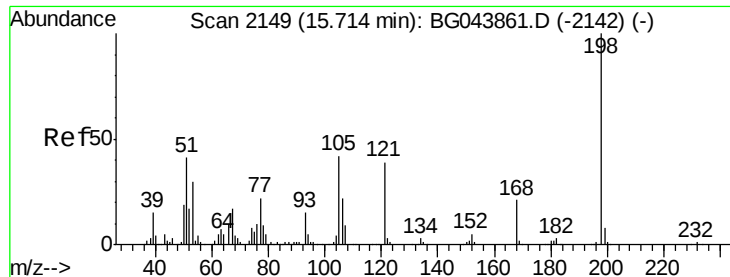
94 9.3 7.9 11.9

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

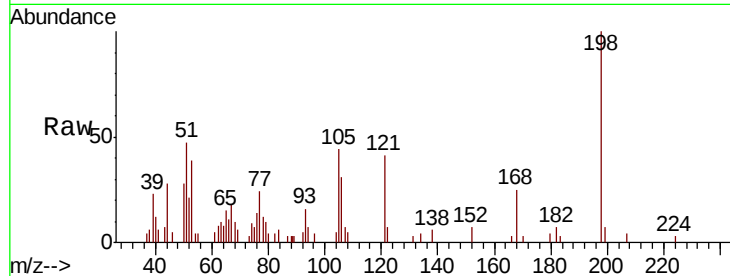




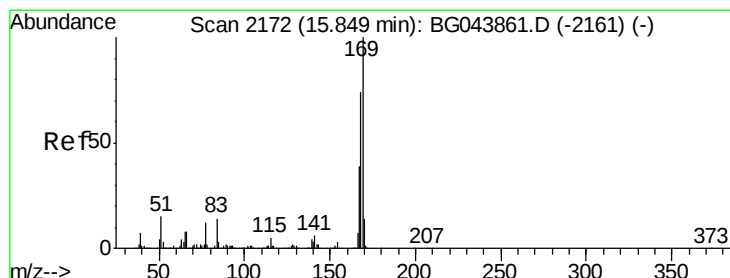
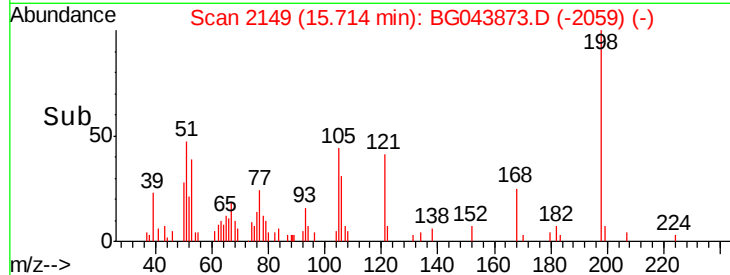
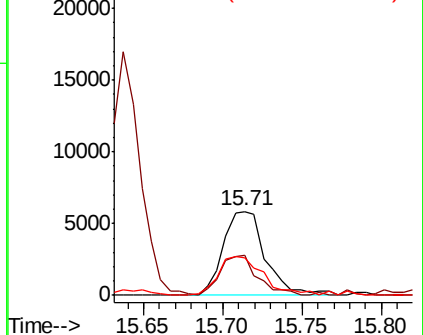
#65
 4,6-Dinitro-2-methylphenol
 Concen: 2.759 ng
 RT: 15.71 min Scan# 2149
 Delta R.T. -0.00 min
 Lab File: BG043873.D
 Acq: 2 Jan 2020 13:42

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	198	Resp	10830
Ion Ratio	100	Lower	Upper
51	47.3	22.5	62.5
105	43.9	22.3	62.3

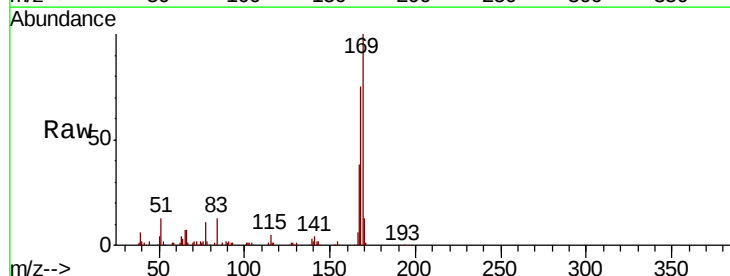


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

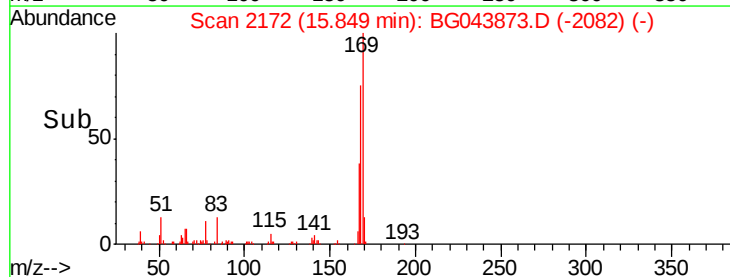
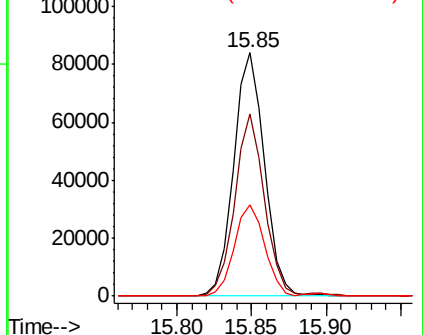


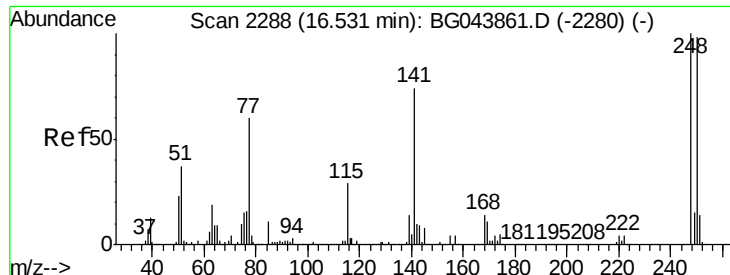
#66
 n-Nitrosodiphenylamine
 Concen: 5.055 ng
 RT: 15.85 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: BG043873.D
 Acq: 2 Jan 2020 13:42

Tgt Ion	169	Resp	120159
Ion Ratio	100	Lower	Upper
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

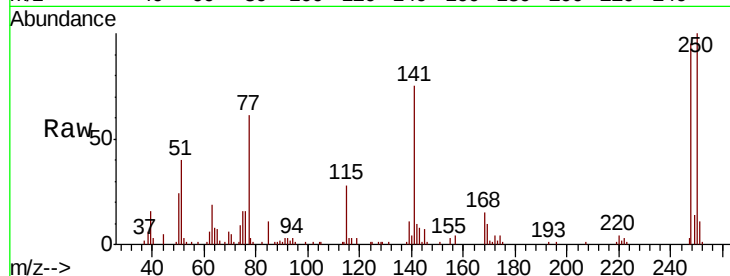




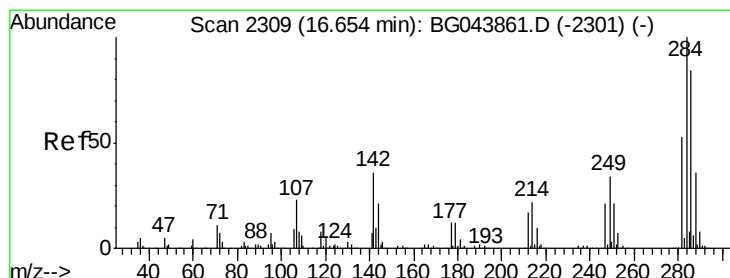
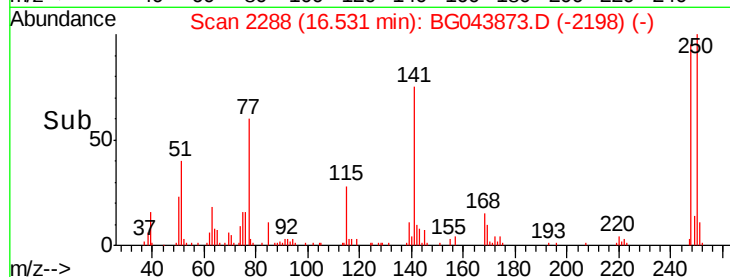
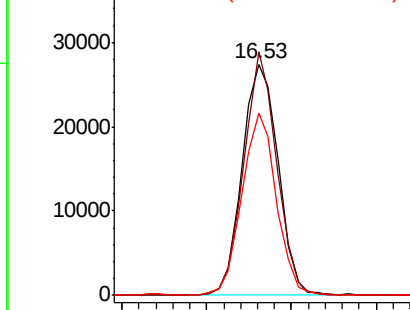
#67
4-Bromophenyl-phenylether
Concen: 4.455 ng
RT: 16.53 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BG043873.D
Acq: 2 Jan 2020 13:42

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

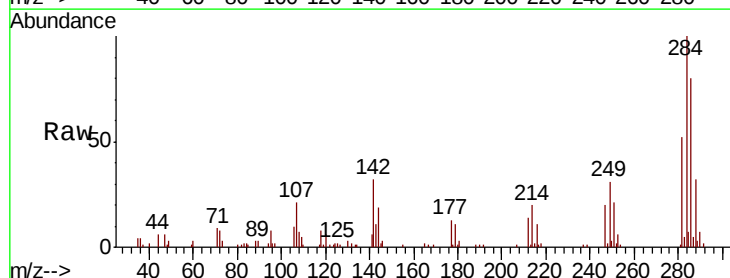


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

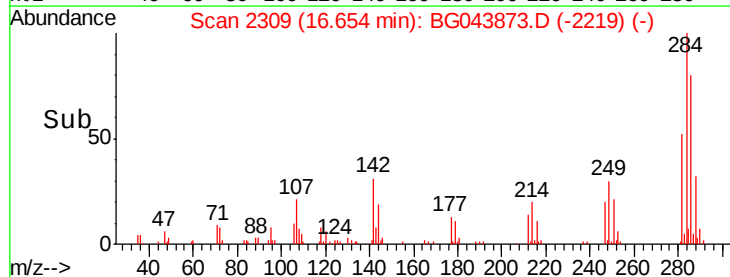
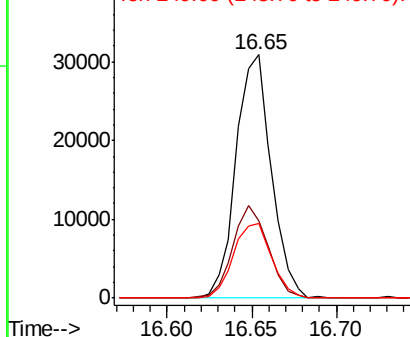


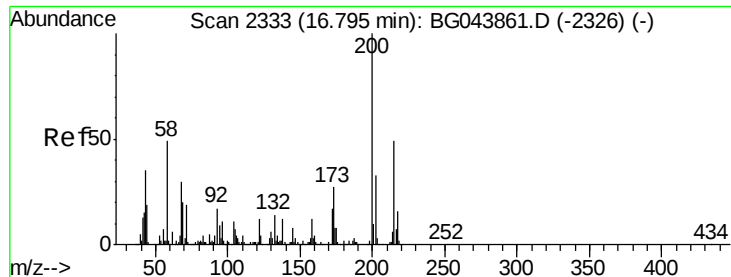
#68
Hexachlorobenzene
Concen: 4.589 ng
RT: 16.65 min Scan# 2309
Delta R.T. -0.00 min
Lab File: BG043873.D
Acq: 2 Jan 2020 13:42

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 :

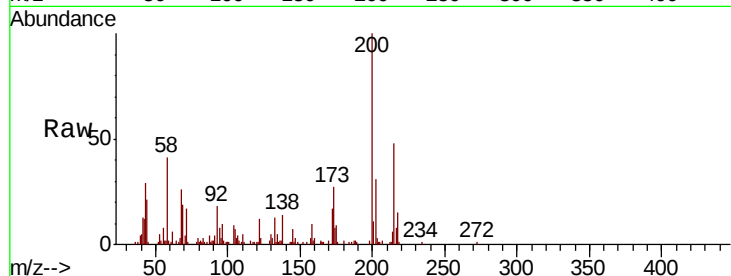
Tot Ion:200 Resp: 36556

Ion Ratio Lower Upper

200 100

173 27.4 6.6 46.6

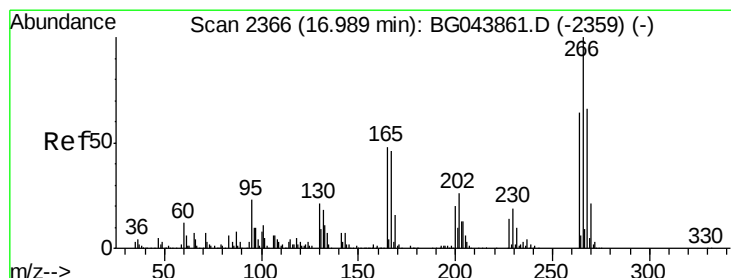
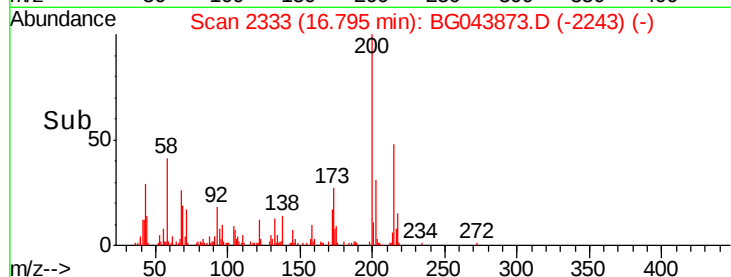
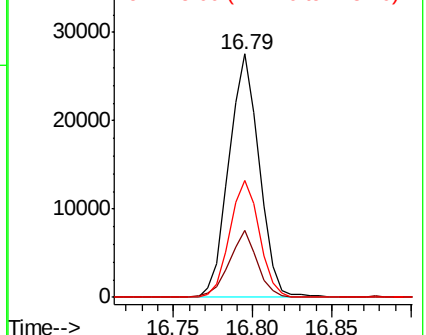
215 48.3 28.6 68.6



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

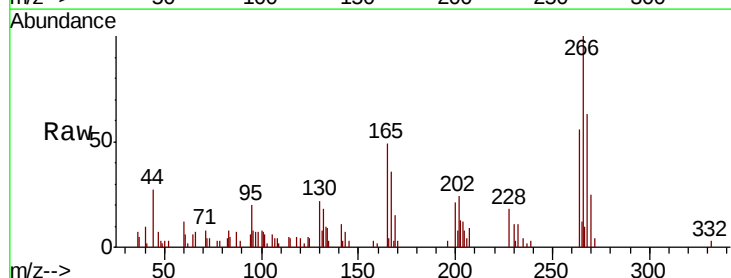
Tgt Ion:266 Resp: 13112

Ion Ratio Lower Upper

266 100

268 62.7 52.6 79.0

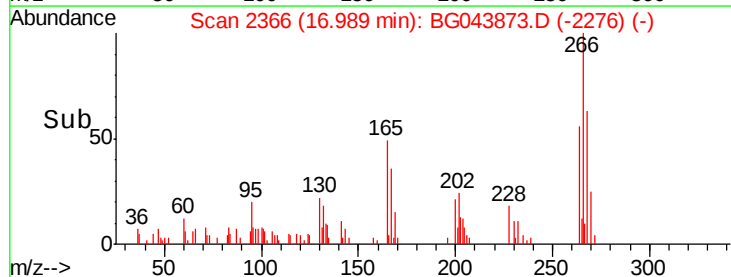
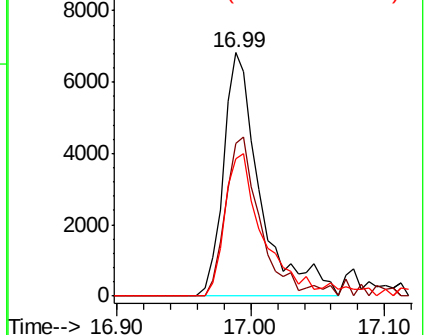
264 56.5 50.8 76.2

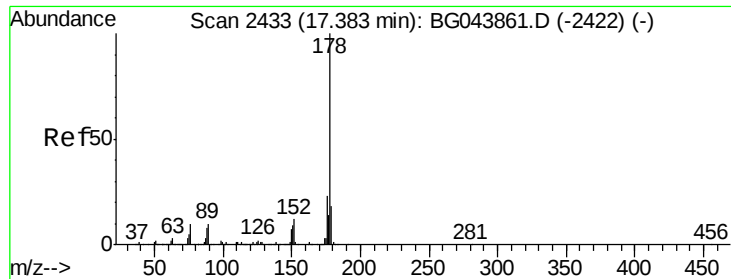


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

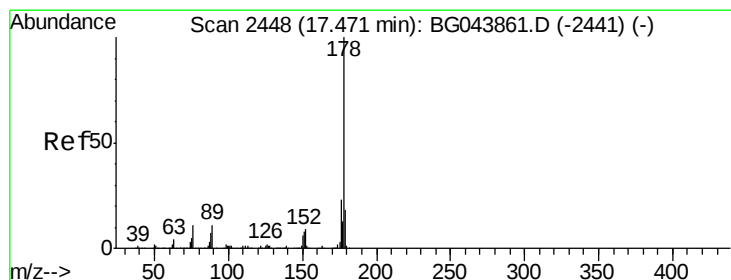
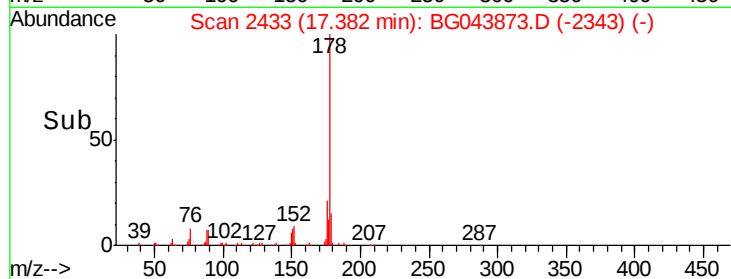
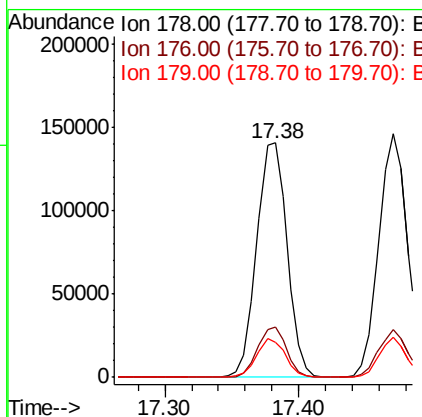
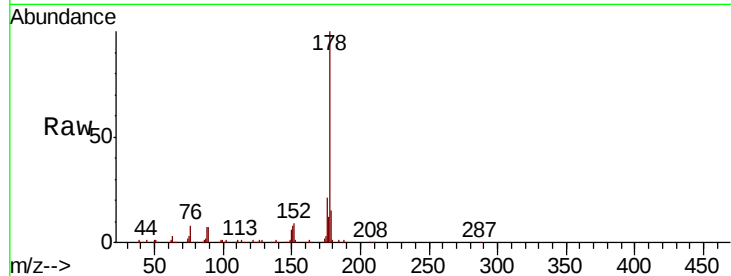




#71
Phenanthrene
Concen: 5.713 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.00 min
Lab File: BG043873.D
Acq: 2 Jan 2020 13:42

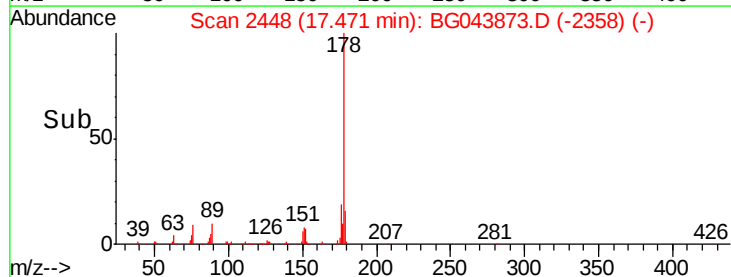
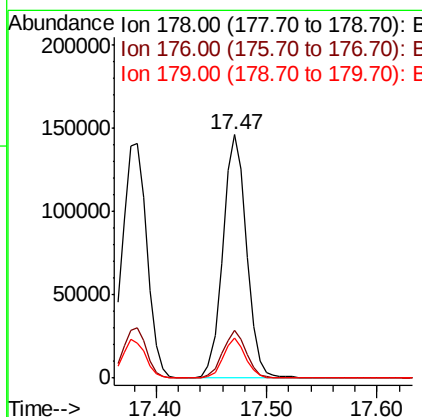
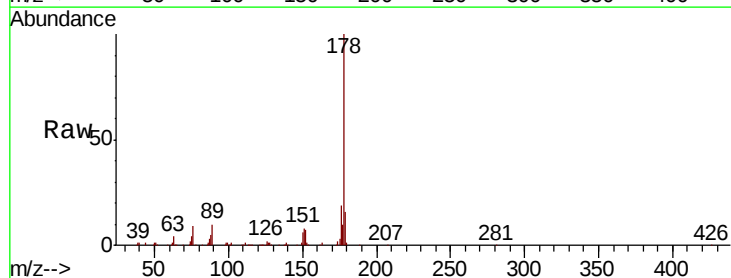
Instrument :
BNA_G
ClientSampleId :

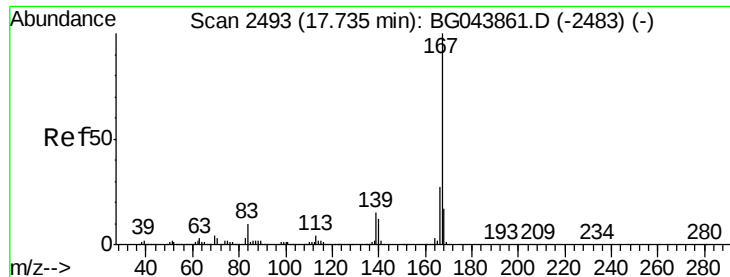
Tot Ion	Ratio	Lower	Upper
178	100		
176	21.3	18.6	28.0
179	14.8	14.4	21.6



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

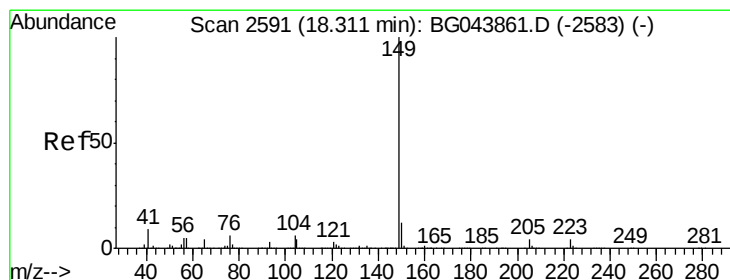
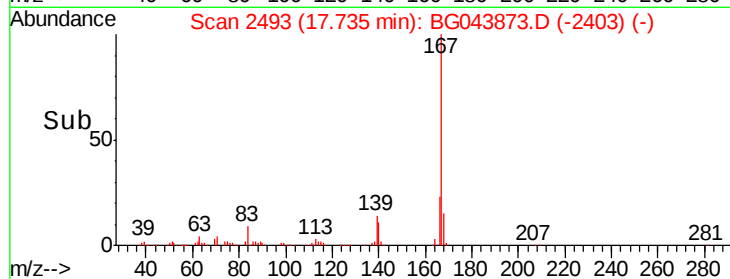
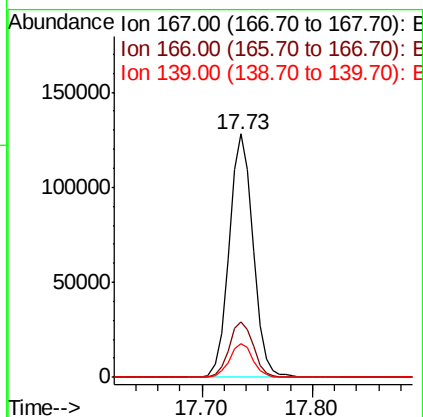
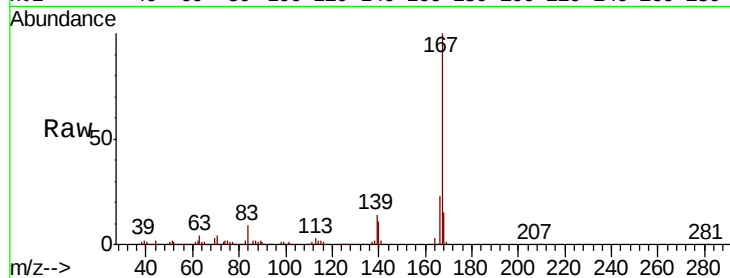




#73
 Carbazole
 Concen: 5.516 ng
 RT: 17.73 min Scan# 2493
 Delta R.T. -0.00 min
 Lab File: BG043873.D
 Acq: 2 Jan 2020 13:42

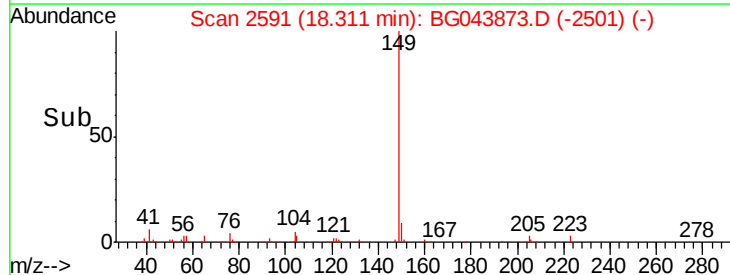
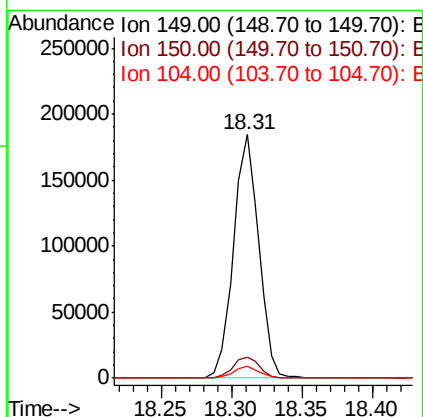
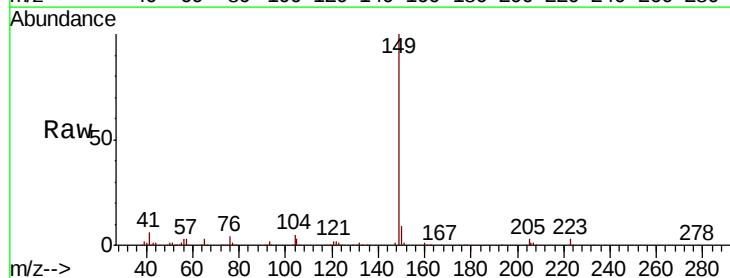
Instrument :
 BNA_G
 ClientSampleId :

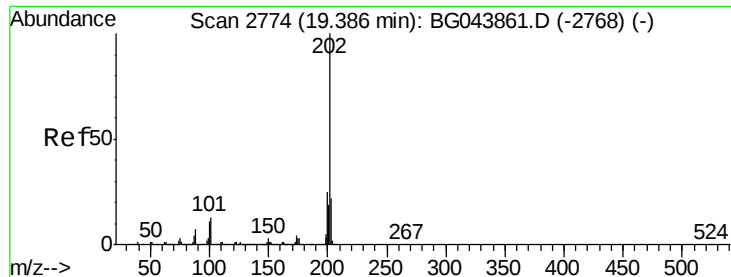
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.7	21.6	32.4
139	14.1	12.1	18.1



#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 :

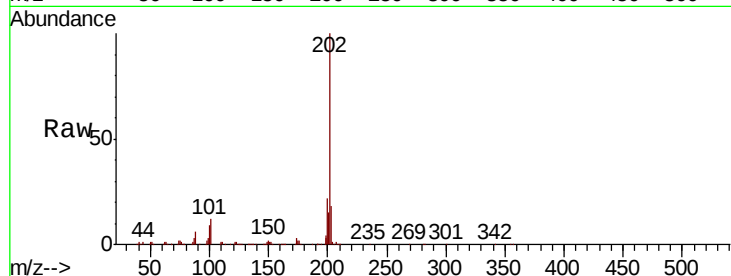
Tot Ion:202 Resp: 246567

Ion Ratio Lower Upper

202 100

101 11.7 0.0 33.3

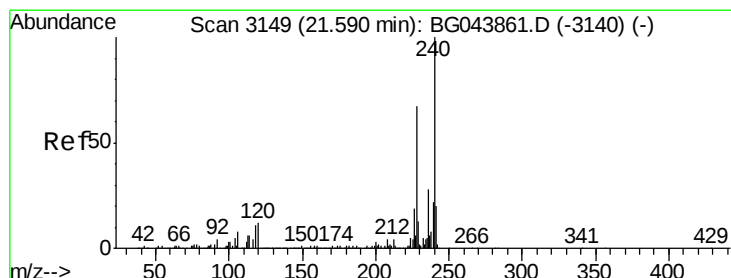
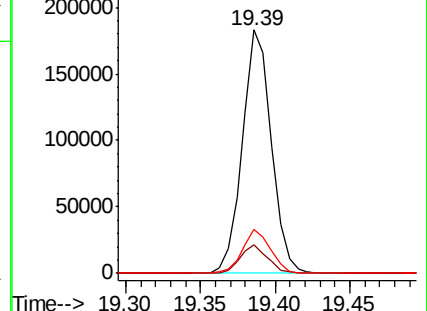
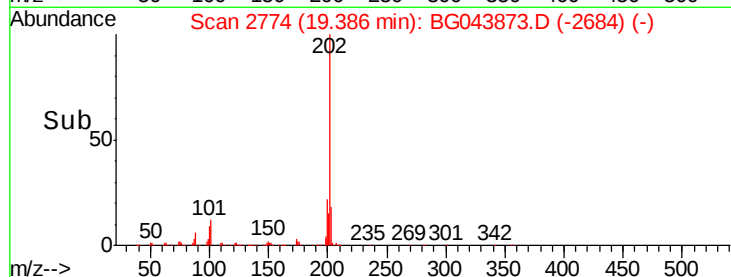
203 17.8 1.6 41.6



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

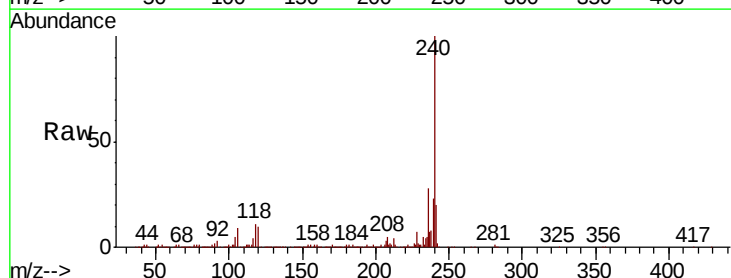
Tgt Ion:240 Resp: 688317

Ion Ratio Lower Upper

240 100

120 10.4 9.6 14.4

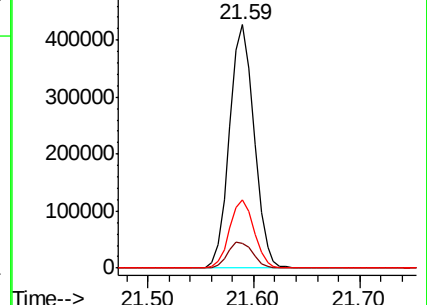
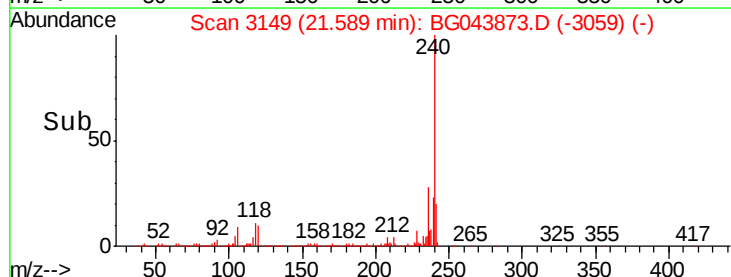
236 28.2 22.2 33.2

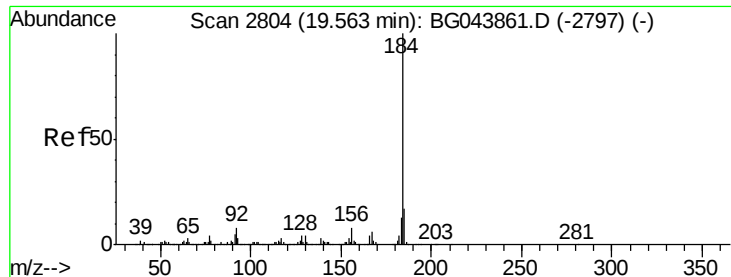


Abundance Ion 240.00 (239.70 to 240.70): E

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 :

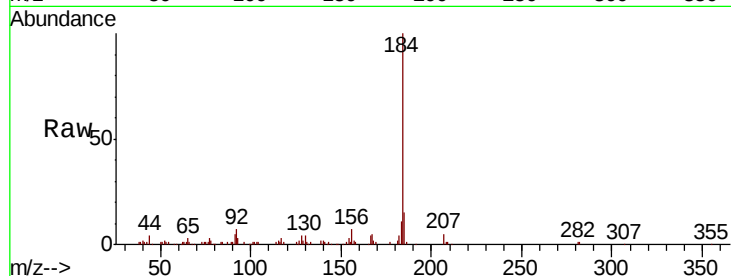
Tot Ion:184 Resp: 78006

Ion Ratio Lower Upper

184 100

185 14.6 13.4 20.0

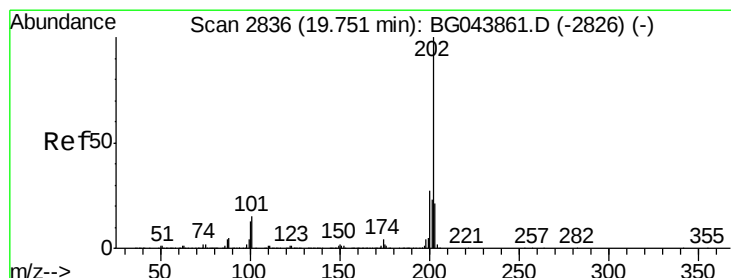
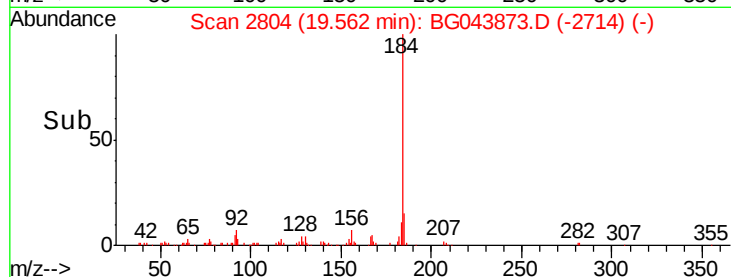
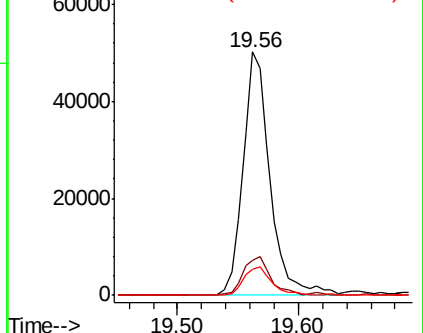
183 10.9 10.6 15.8



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

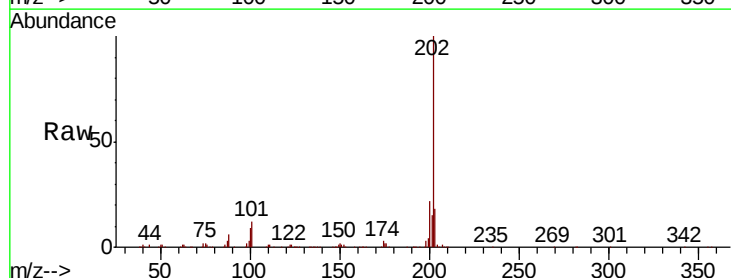
Tgt Ion:202 Resp: 246567

Ion Ratio Lower Upper

202 100

200 21.7 21.7 32.5

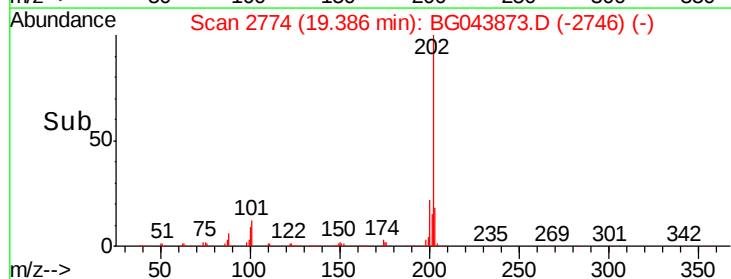
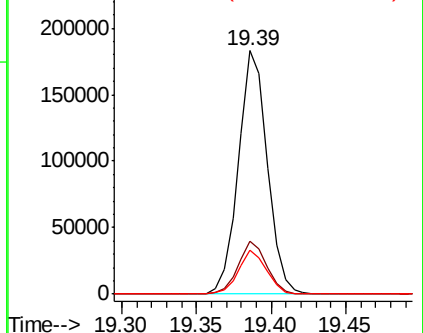
203 17.8 17.0 25.6

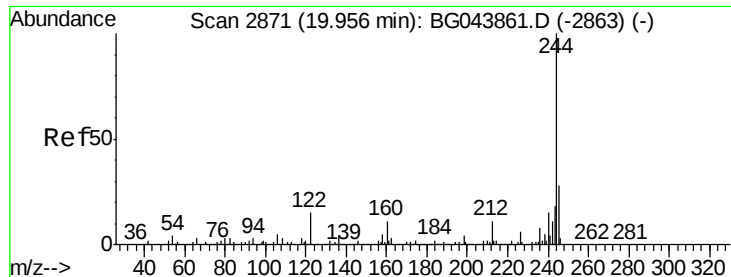


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 98.588 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 :

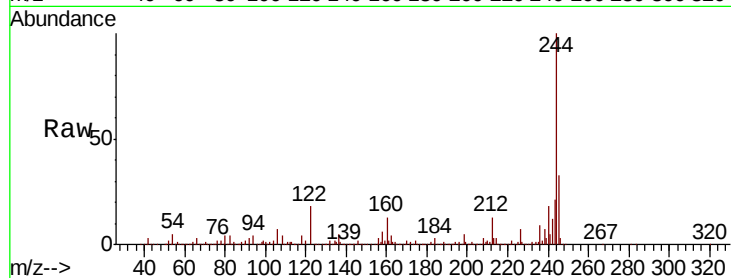
Tot Ion:244 Resp: 2810903

Ion Ratio Lower Upper

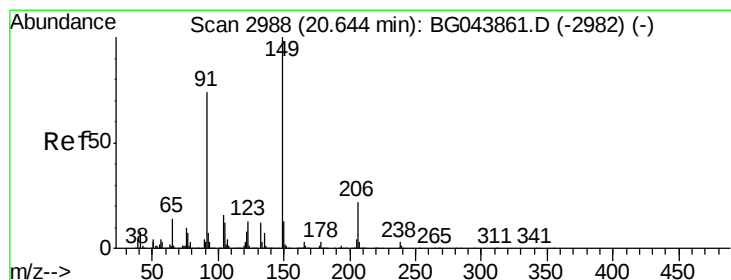
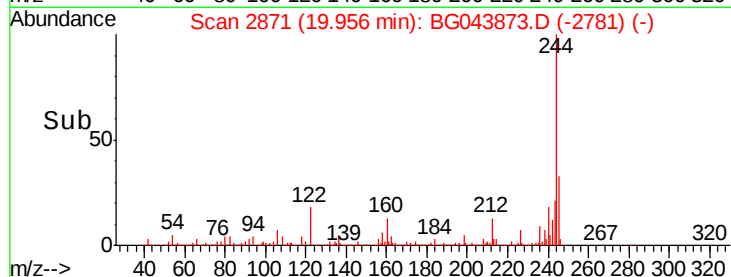
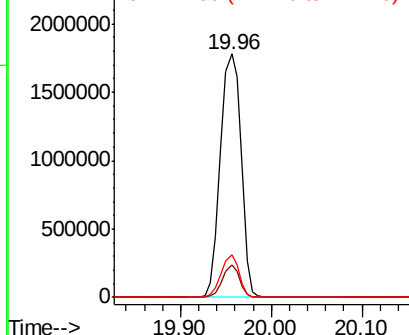
244 100

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

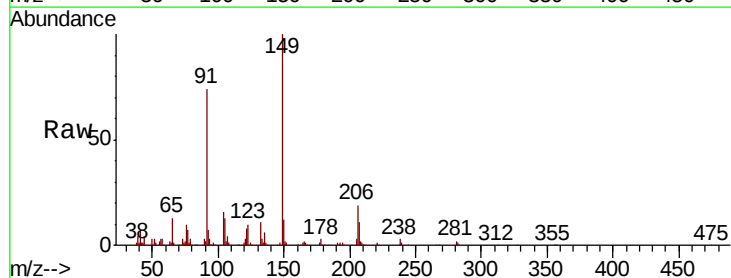
Tgt Ion:149 Resp: 87123

Ion Ratio Lower Upper

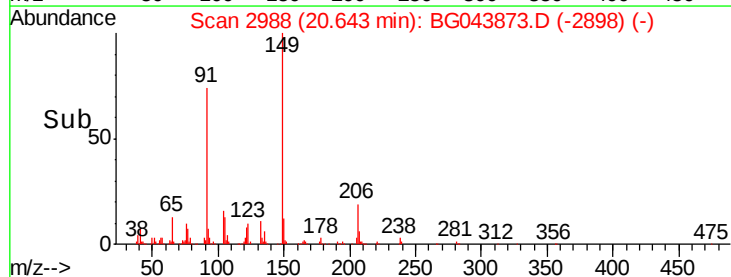
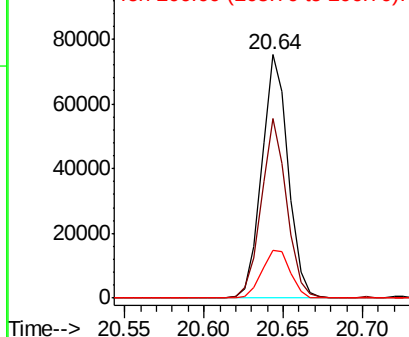
149 100

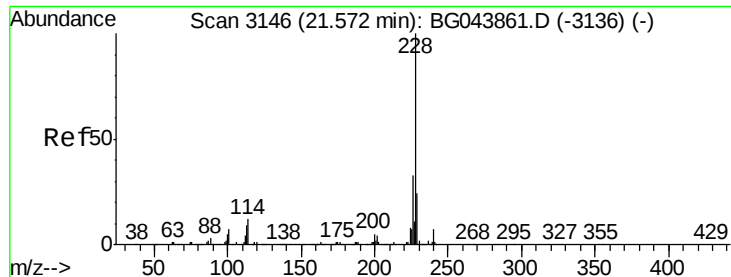
91 73.6 59.5 89.3

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 :

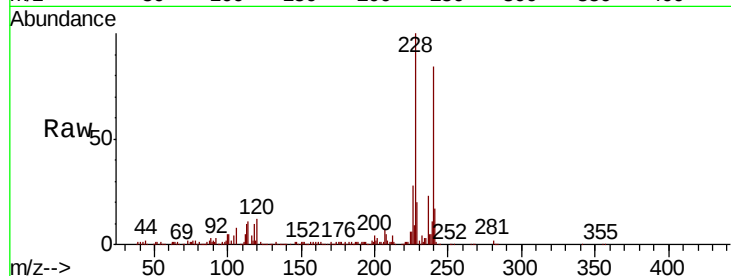
Tot Ion:228 Resp: 237087

Ion Ratio Lower Upper

228 100

226 28.2 26.2 39.4

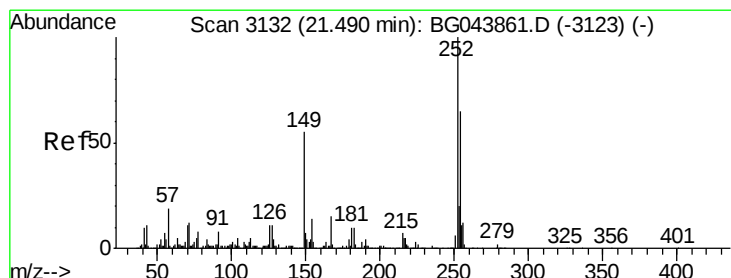
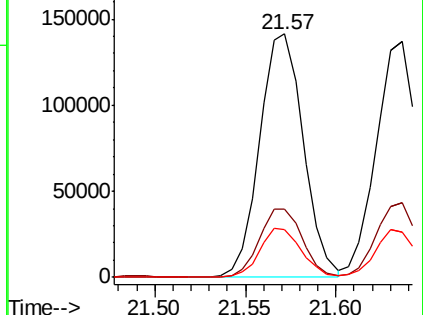
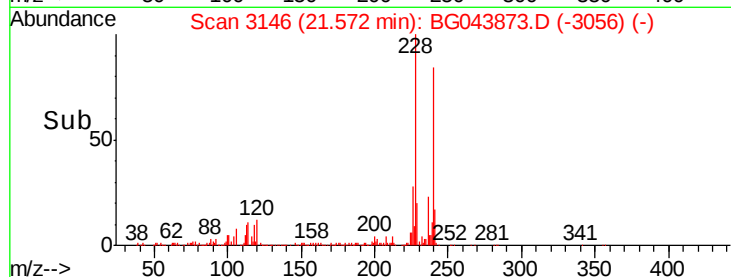
229 19.8 18.9 28.3



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

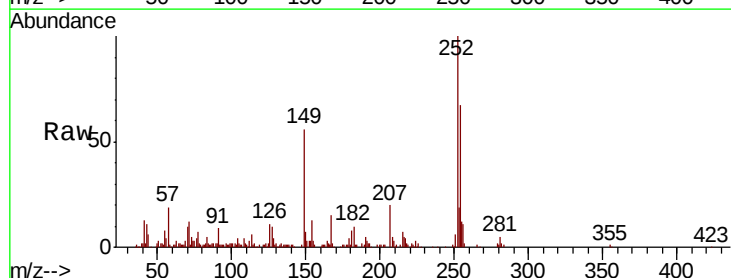
Tgt Ion:252 Resp: 82236

Ion Ratio Lower Upper

252 100

254 67.4 52.1 78.1

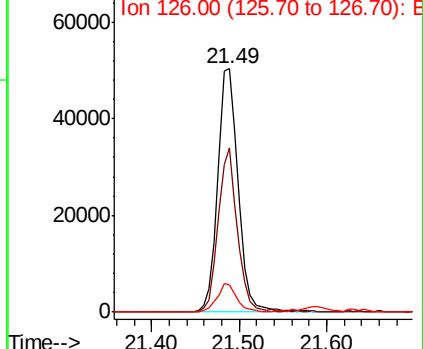
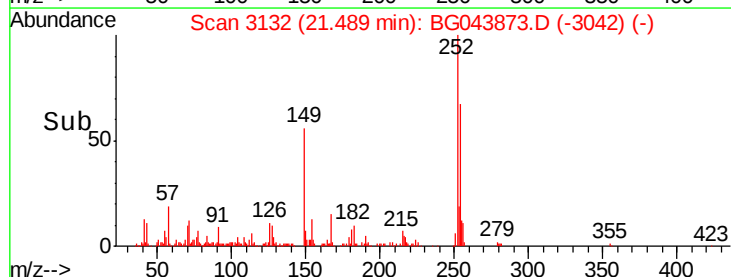
126 11.0 9.1 13.7

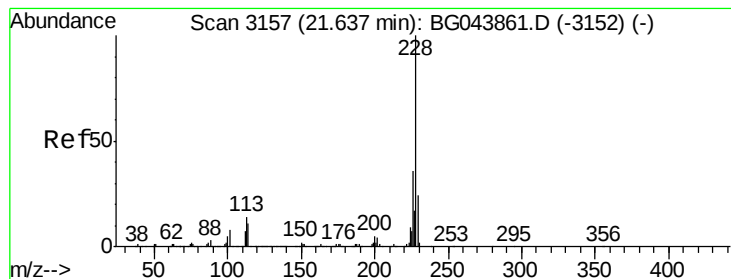


Abundance Ion 252.00 (251.70 to 252.70): E

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 :

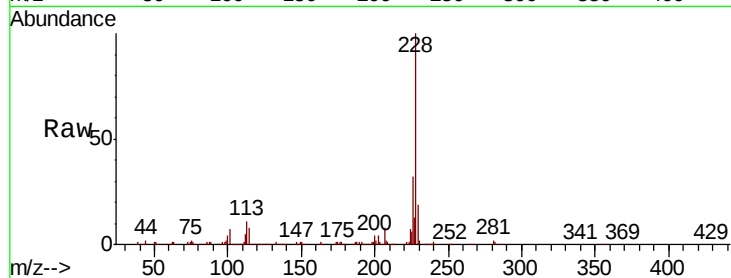
Tot Ion:228 Resp: 220706

Ion Ratio Lower Upper

228 100

226 31.7 28.8 43.2

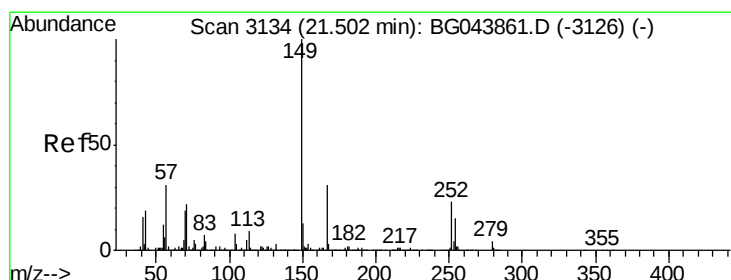
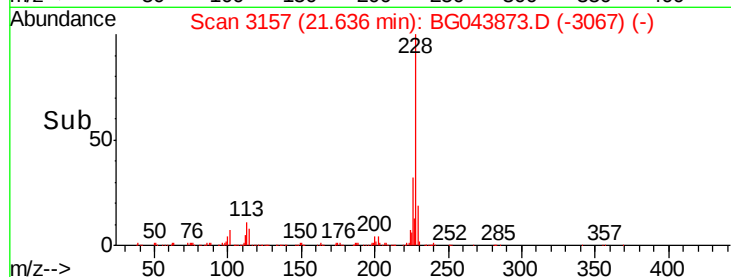
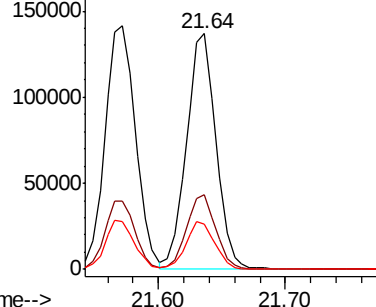
229 19.4 19.0 28.6



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

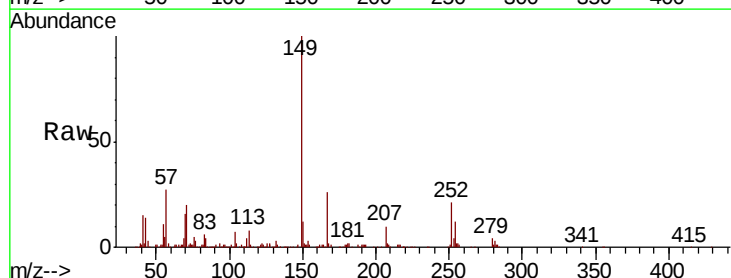
Tgt Ion:149 Resp: 139010

Ion Ratio Lower Upper

149 100

167 25.8 24.7 37.1

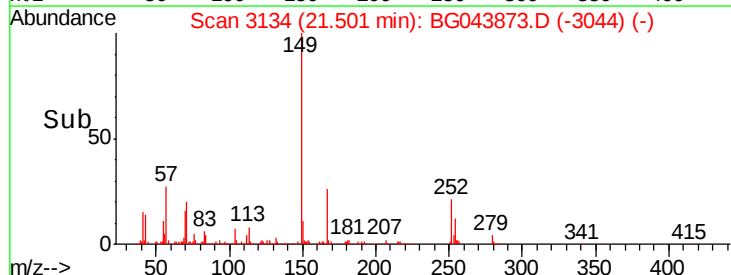
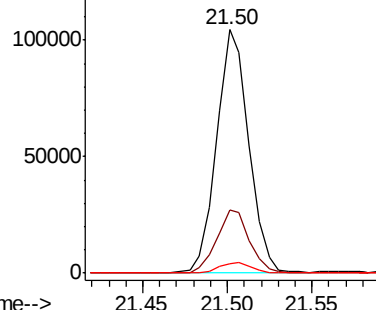
279 3.9 3.3 4.9

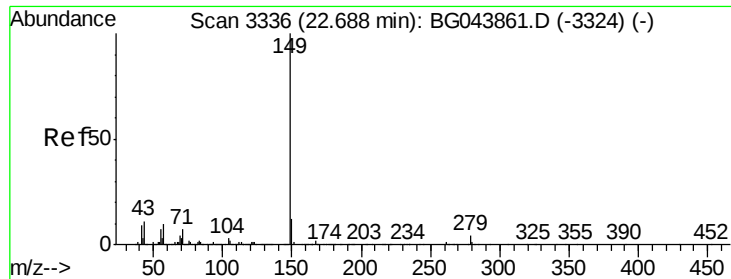


Abundance Ion 149.00 (148.70 to 149.70): E

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 :

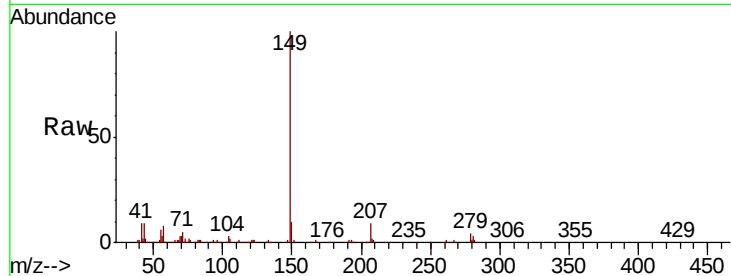
Tot Ion:149 Resp: 216564

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

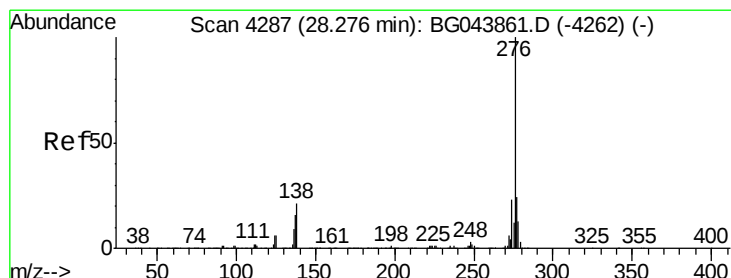
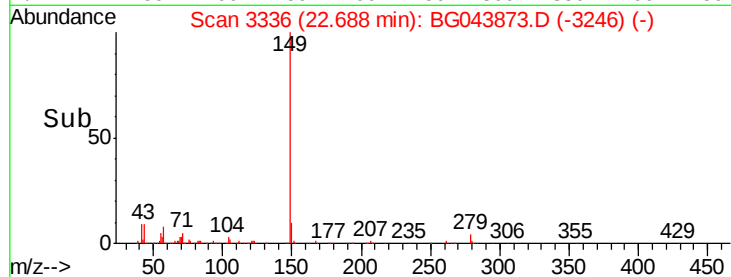
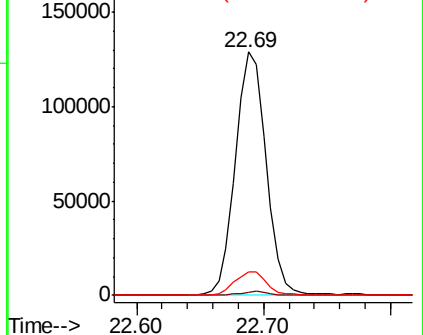
43 9.6 8.8 13.2



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

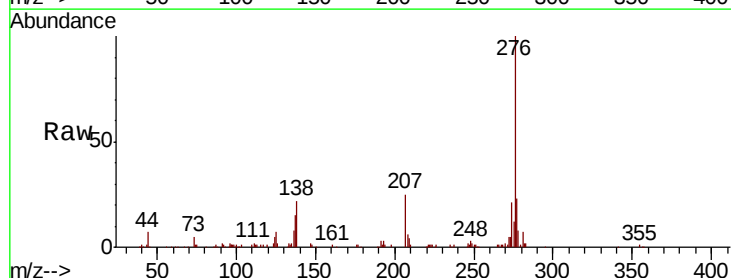
Tgt Ion:276 Resp: 245079

Ion Ratio Lower Upper

276 100

138 16.0 21.0 31.4#

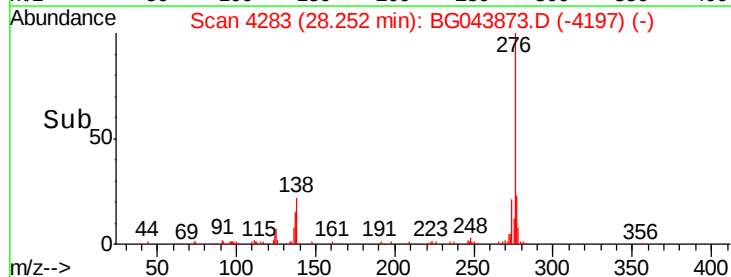
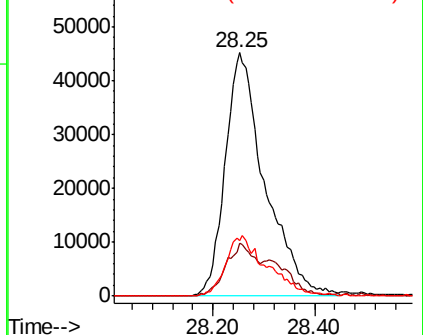
277 25.5 21.1 31.7

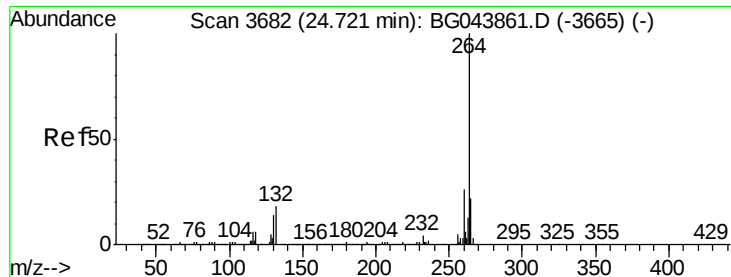


Abundance Ion 276.00 (275.70 to 276.70): E

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 :

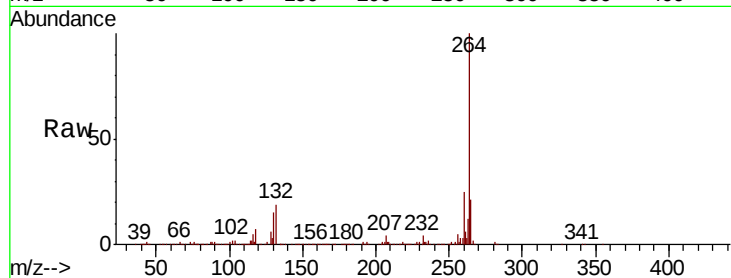
Tot Ion:264 Resp: 759246

Ion Ratio Lower Upper

264 100

260 25.0 20.4 30.6

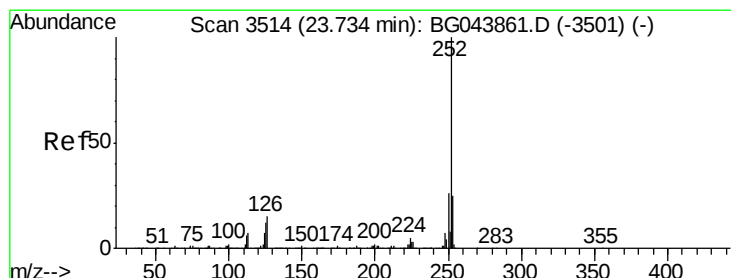
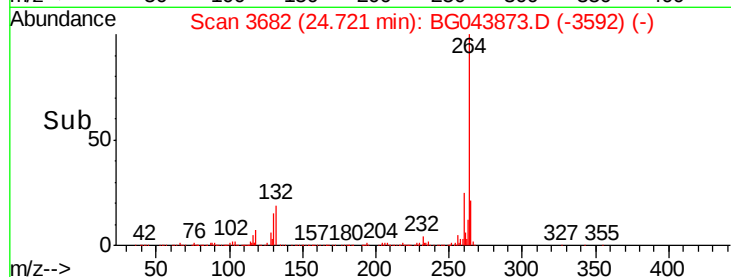
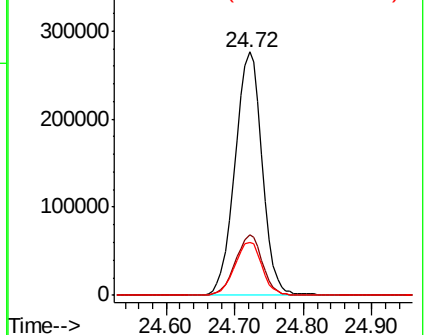
265 21.5 17.4 26.2



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

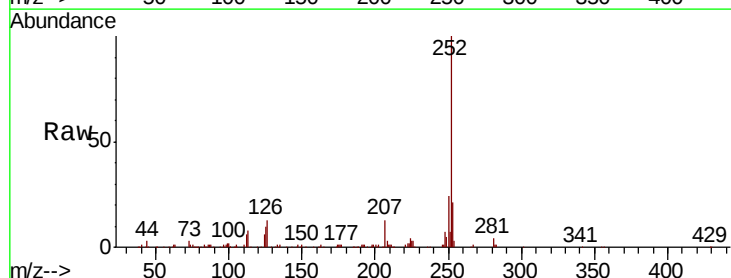
Tgt Ion:252 Resp: 220677

Ion Ratio Lower Upper

252 100

253 21.1 19.7 29.5

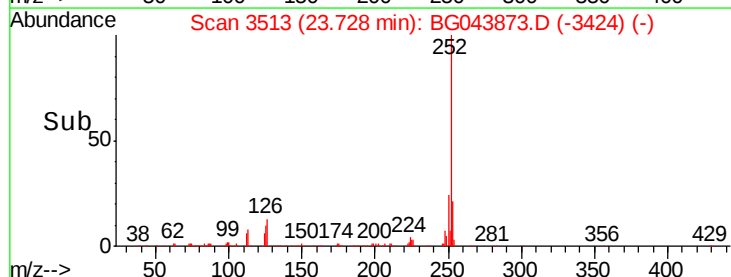
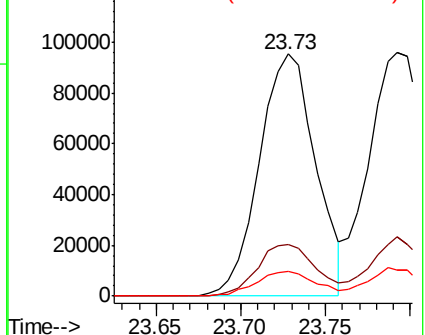
125 10.3 9.4 14.2

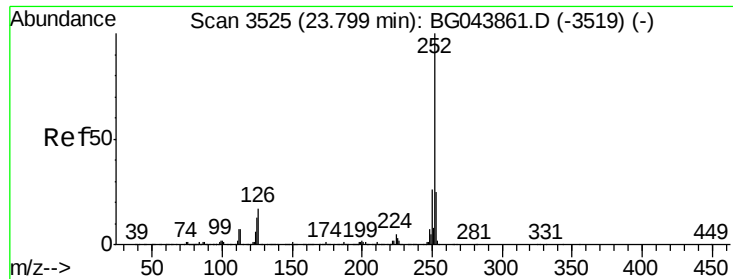


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

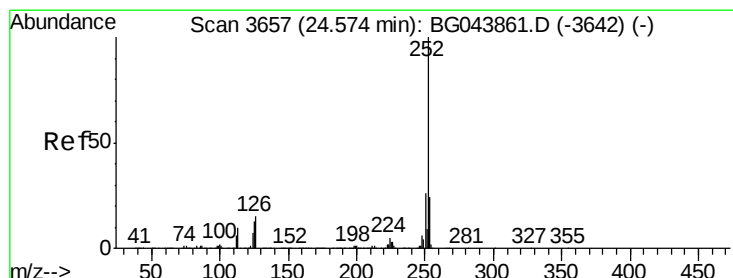
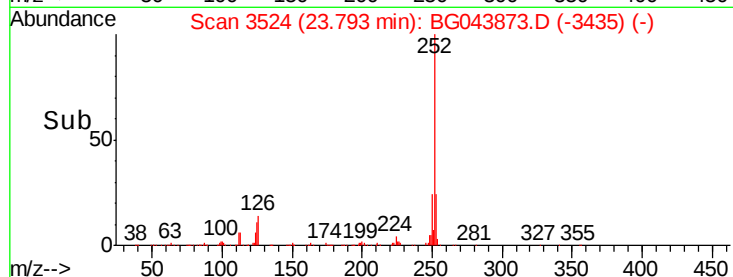
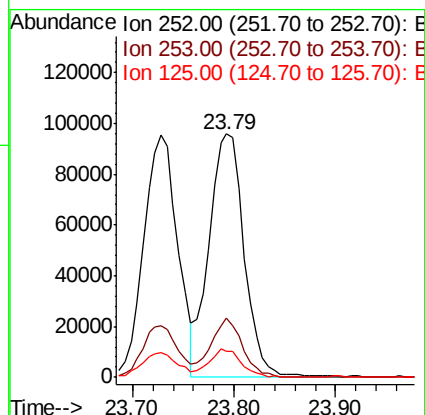
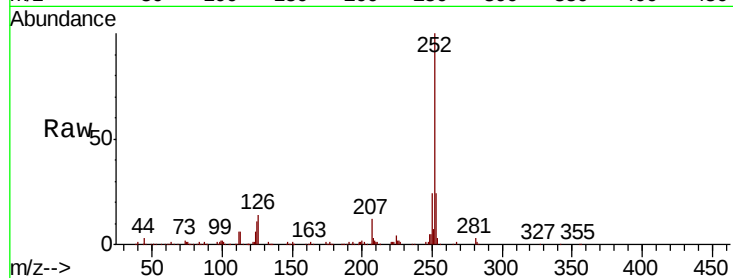




#89
Benzo(k)fluoranthene
Concen: 5.348 ng
RT: 23.79 min Scan# 3524
Delta R.T. -0.01 min
Lab File: BG043873.D
Acq: 2 Jan 2020 13:42

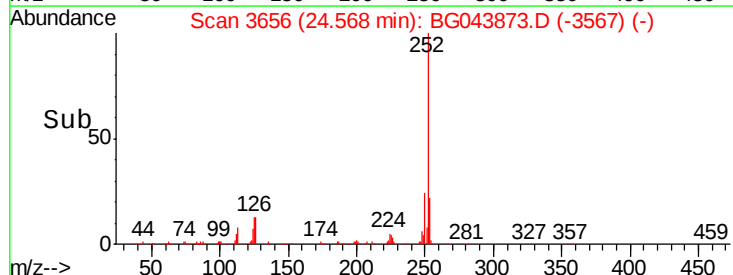
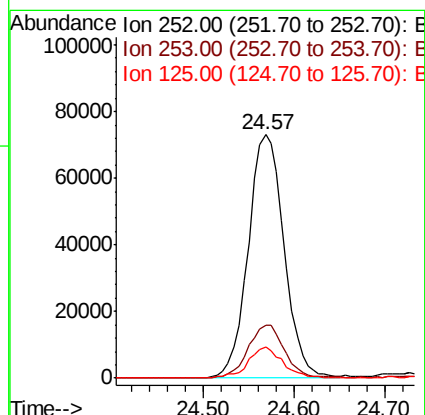
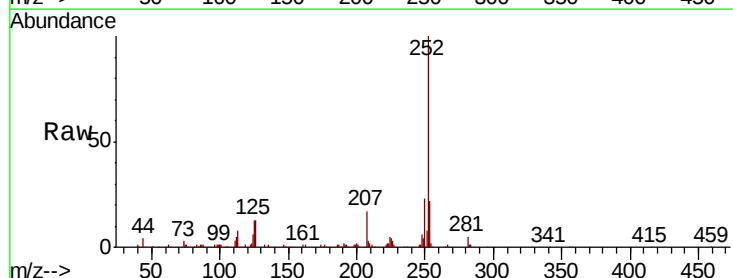
Instrument :
BNA_G
ClientSampleId :

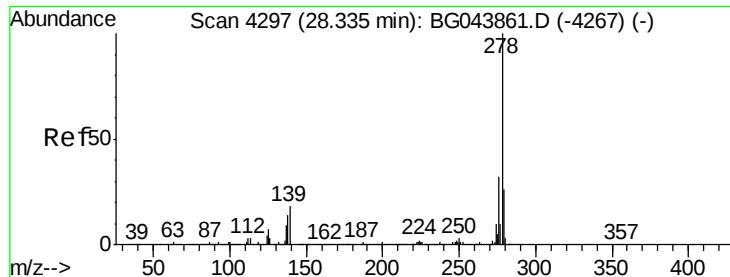
Tot Ion:252 Resp: 228287
Ion Ratio Lower Upper
252 100
253 24.4 19.4 29.2
125 10.9 9.9 14.9



#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 :

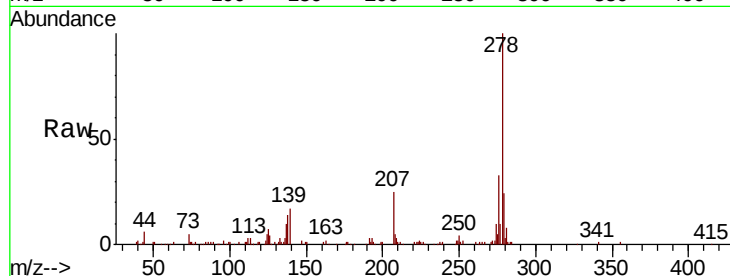
Tot Ion:278 Resp: 207721

Ion Ratio Lower Upper

278 100

139 16.6 14.2 21.4

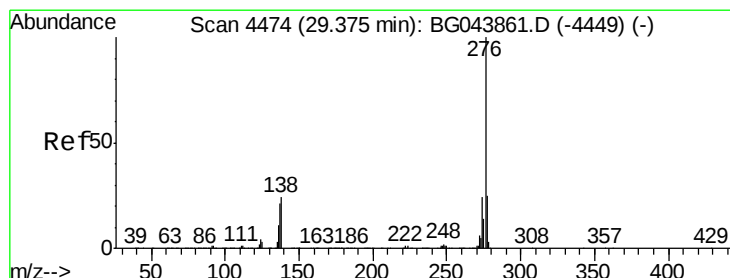
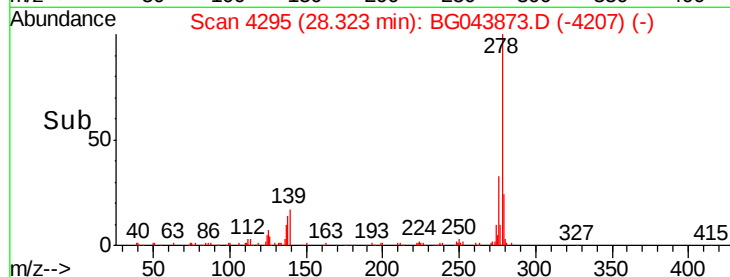
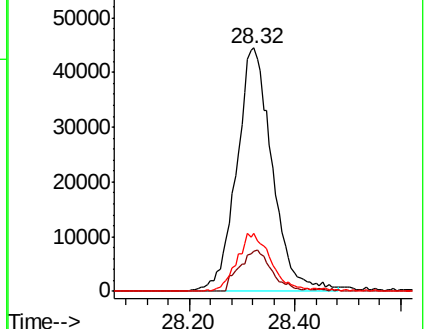
279 23.6 20.6 30.8



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

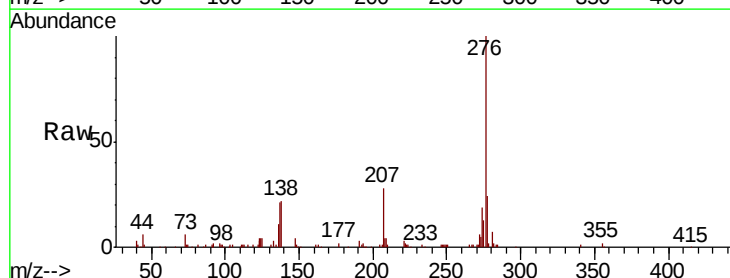
Tgt Ion:276 Resp: 204552

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

