

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010320\
 Data File : BG043884.D
 Acq On : 3 Jan 2020 12:12
 Operator : JU
 Sample : K5111-03
 Misc : MDL-MDL-SOIL-8PPM
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 03 13:08:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 03 12:50:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	116177	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	536653	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	365814	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	810679	20.00	ng	0.00
76) Chrysene-d12	21.58	240	697195	20.00	ng	0.00
87) Perylene-d12	24.71	264	774862	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	904476	142.95	ng	0.00
7) Phenol-d6	7.12	99	1254433	141.83	ng	0.00
23) Nitrobenzene-d5	9.12	82	965188	96.21	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	560240	146.35	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	2111820	104.59	ng	0.00
79) Terphenyl-d14	19.96	244	2828415	97.94	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.44	88	22345	8.099	ng	95
3) Pyridine	3.84	79	55825	6.850	ng	94
4) n-Nitrosodimethylamine	3.75	42	26124	7.200	ng	# 94
6) Aniline	7.28	93	92481	7.961	ng	97
8) 2-Chlorophenol	7.53	128	57599	7.754	ng	94
9) Benzaldehyde	7.09	77	56485	9.979	ng	97
10) Phenol	7.15	94	71424	7.838	ng	90
11) bis(2-Chloroethyl)ether	7.38	93	63295	8.047	ng	97
12) 1,3-Dichlorobenzene	7.86	146	66328	7.631	ng	98
13) 1,4-Dichlorobenzene	8.00	146	66606	7.766	ng	93
14) 1,2-Dichlorobenzene	8.32	146	63230	7.681	ng	94
15) Benzyl Alcohol	8.19	79	50408	7.222	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.49	45	87811	7.216	ng	99
17) 2-Methylphenol	8.40	107	48737	7.391	ng	96
18) Hexachloroethane	9.05	117	25057	7.508	ng	98
19) n-Nitroso-di-n-propylamine	8.76	70	51108	7.759	ng	100
20) 3+4-Methylphenols	8.73	107	68255	7.420	ng	94
22) Acetophenone	8.77	105	98236	7.363	ng	98
24) Nitrobenzene	9.16	77	74136	7.462	ng	98
25) Isophorone	9.68	82	141331	7.509	ng	98
26) 2-Nitrophenol	9.87	139	28500	6.063	ng	99
27) 2,4-Dimethylphenol	9.93	122	40185	5.679	ng	99
28) bis(2-Chloroethoxy)methane	10.17	93	89352	7.121	ng	99
29) 2,4-Dichlorophenol	10.41	162	56313	6.672	ng	95
30) 1,2,4-Trichlorobenzene	10.63	180	66558	7.033	ng	98
31) Naphthalene	10.81	128	205380	7.909	ng	98
33) 4-Chloroaniline	10.91	127	88138	7.116	ng	97
34) Hexachlorobutadiene	11.11	225	39202	6.785	ng	95
35) Caprolactam	11.65	113	21257	6.765	ng	# 80
36) 4-Chloro-3-methylphenol	12.04	107	63266	7.041	ng	98
37) 2-Methylnaphthalene	12.42	142	156849	8.022	ng	95
38) 1-Methylnaphthalene	12.64	142	149397	8.062	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	76227	7.109	ng	100
41) Hexachlorocyclopentadiene	12.78	237	38476	6.922	ng	100

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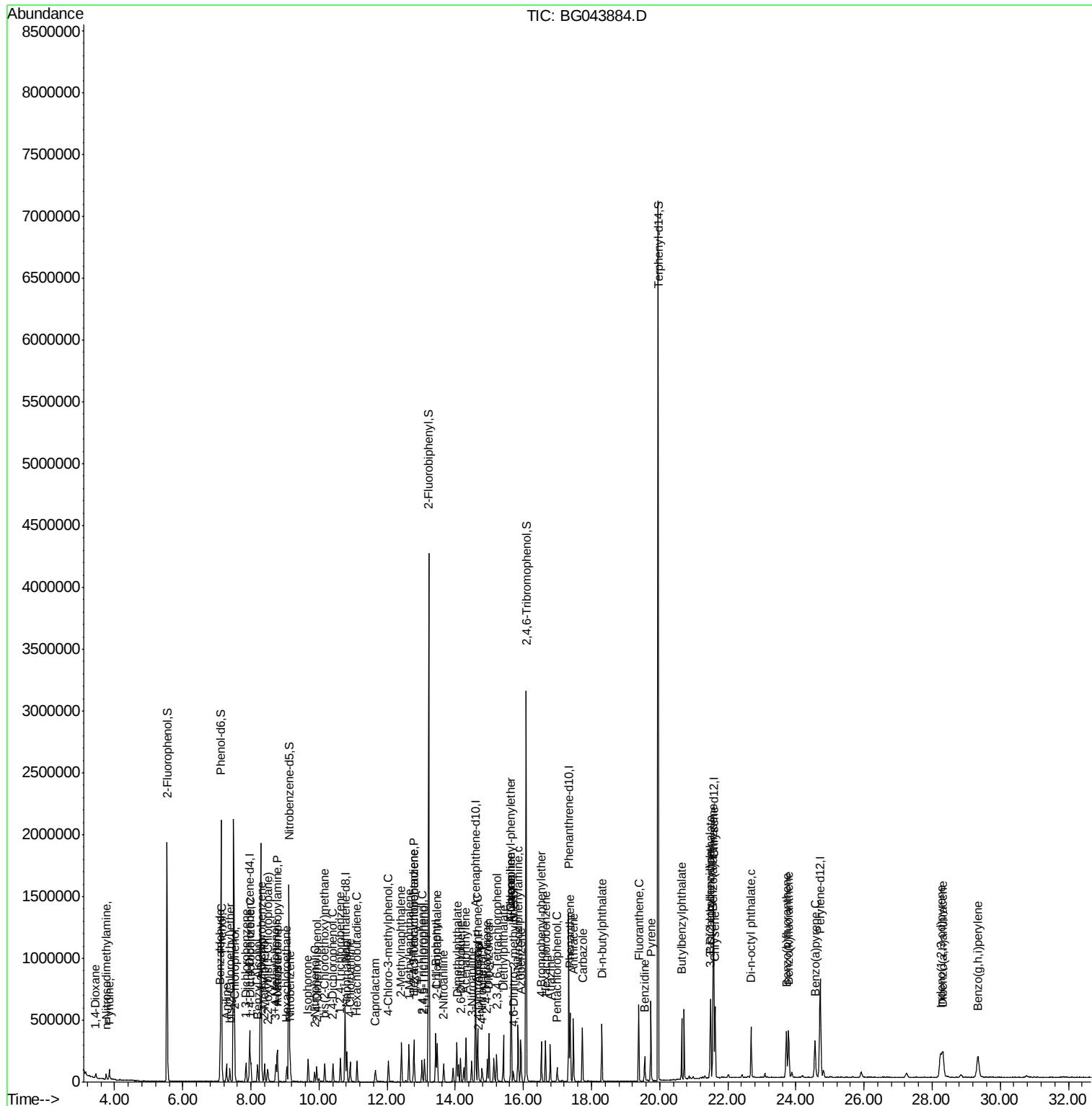
Quant Time: Jan 03 13:08:39 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	13.03	196	44420	6.021	ng	88
44) 2,4,5-Trichlorophenol	13.09	196	49999	6.571	ng	97
46) 1,1'-Biphenyl	13.43	154	209928	8.004	ng	95
47) 2-Chloronaphthalene	13.47	162	157465	7.430	ng	96
48) 2-Nitroaniline	13.66	65	39427	5.783	ng	90
49) Acenaphthylene	14.32	152	257863	8.465	ng	93
50) Dimethylphthalate	14.05	163	215747	8.306	ng	96
51) 2,6-Dinitrotoluene	14.16	165	42446	7.230	ng	98
52) Acenaphthene	14.66	154	158598	7.424	ng	96
53) 3-Nitroaniline	14.48	138	43175	6.476	ng	# 95
54) 2,4-Dinitrophenol	14.69	184	8826	3.335	ng	# 79
55) Dibenzofuran	14.99	168	260597	8.861	ng	94
56) 4-Nitrophenol	14.79	139	31989	6.262	ng	96
57) 2,4-Dinitrotoluene	14.94	165	55863	6.993	ng	98
58) Fluorene	15.64	166	204039	8.754	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.21	232	48698	7.443	ng	99
60) Diethylphthalate	15.41	149	216761	8.344	ng	97
61) 4-Chlorophenyl-phenylether	15.64	204	103202	8.154	ng	96
62) 4-Nitroaniline	15.64	138	46305	7.033	ng	96
63) Azobenzene	15.93	77	203856	8.461	ng	96
65) 4,6-Dinitro-2-methylphenol	15.71	198	20260	5.139	ng	96
66) n-Nitrosodiphenylamine	15.84	169	178756	7.488	ng	99
67) 4-Bromophenyl-phenylether	16.53	248	63161	6.927	ng	97
68) Hexachlorobenzene	16.65	284	68478	6.970	ng	96
69) Atrazine	16.79	200	55212	7.115	ng	95
70) Pentachlorophenol	16.99	266	25346	4.680	ng	97
71) Phenanthrene	17.38	178	327496	8.422	ng	94
72) Anthracene	17.46	178	330006	8.587	ng	94
73) Carbazole	17.73	167	290225	8.176	ng	94
74) Di-n-butylphthalate	18.30	149	350062	7.724	ng	# 95
75) Fluoranthene	19.39	202	370402	8.329	ng	92
77) Benzidine	19.56	184	122864	7.011	ng	98
78) Pyrene	19.74	202	380848	8.369	ng	92
80) Butylbenzylphthalate	20.64	149	137823	6.361	ng	94
81) Benzo(a)anthracene	21.57	228	353431	8.175	ng	92
82) 3,3'-Dichlorobenzidine	21.48	252	124722	7.302	ng	99
83) Chrysene	21.63	228	334837	8.151	ng	91
84) Bis(2-ethylhexyl)phthalate	21.50	149	216890	7.255	ng	93
85) Di-n-octyl phthalate	22.68	149	346530	6.895	ng	97
86) Indeno(1,2,3-cd)pyrene	28.25	276	382452	6.851	ng	# 90
88) Benzo(b)fluoranthene	23.72	252	349506	7.630	ng	96
89) Benzo(k)fluoranthene	23.79	252	343108	7.877	ng	95
90) Benzo(a)pyrene	24.56	252	313973	7.262	ng	95
91) Dibenzo(a,h)anthracene	28.32	278	326224	7.513	ng	96
92) Benzo(g,h,i)perylene	29.34	276	320840	7.439	ng	96

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.96 min Scan# 830

Delta R.T. -0.00 min

Lab File: BG043884.D

Acq: 3 Jan 2020 12:12

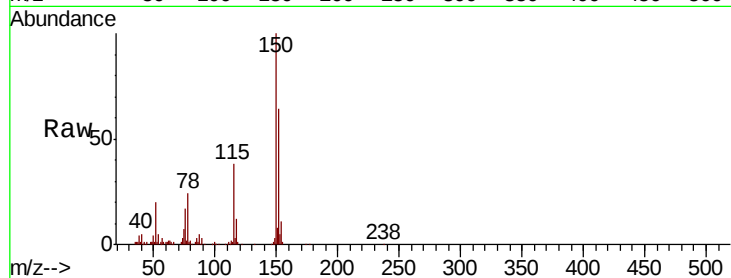
Tot Ion:152 Resp: 116177

Ion Ratio Lower Upper

152 100

150 157.2 127.0 190.4

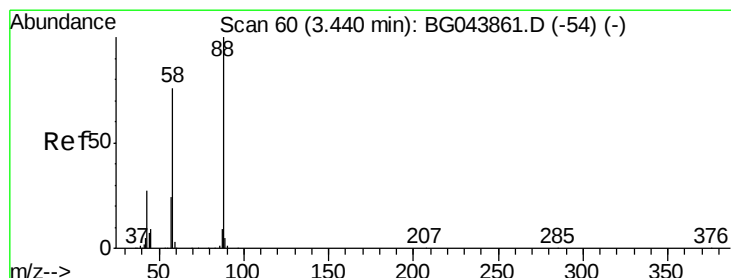
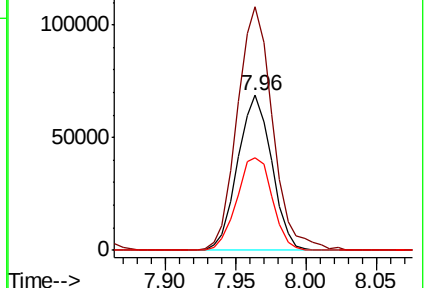
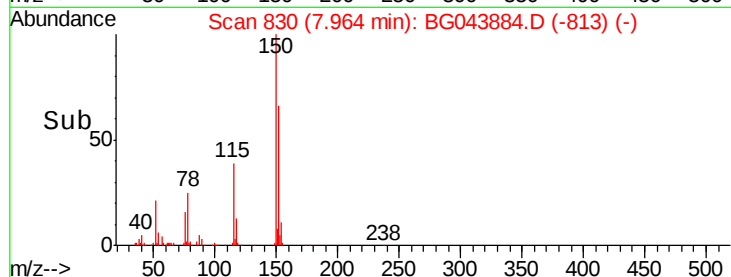
115 60.1 47.8 71.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 8.099 ng

RT: 3.44 min Scan# 60

Delta R.T. -0.00 min

Lab File: BG043884.D

Acq: 3 Jan 2020 12:12

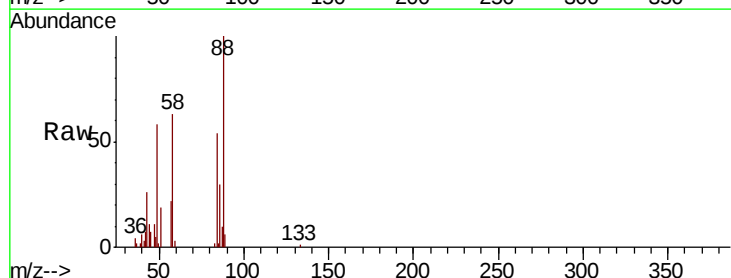
Tgt Ion: 88 Resp: 22345

Ion Ratio Lower Upper

88 100

58 70.3 59.8 89.8

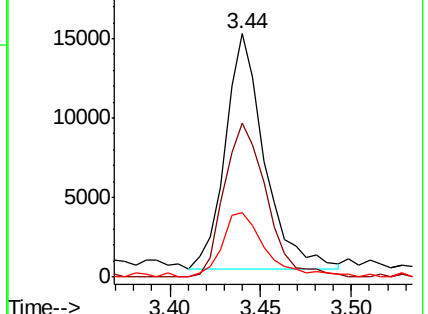
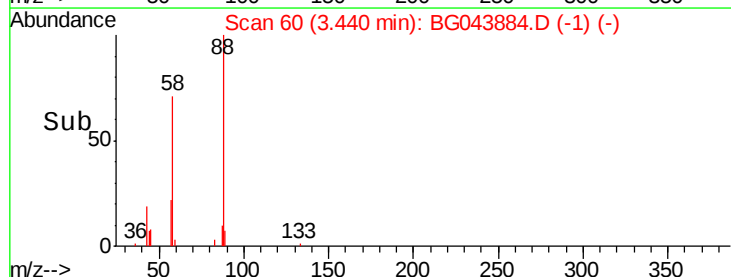
43 30.5 22.9 34.3

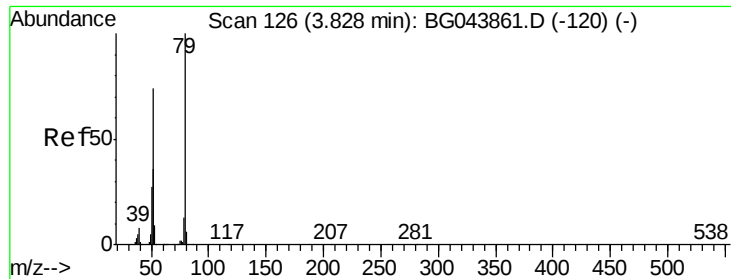


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 6.850 ng

RT: 3.84 min Scan# 128

Delta R.T. 0.01 min

Lab File: BG043884.D

Acq: 3 Jan 2020 12:12

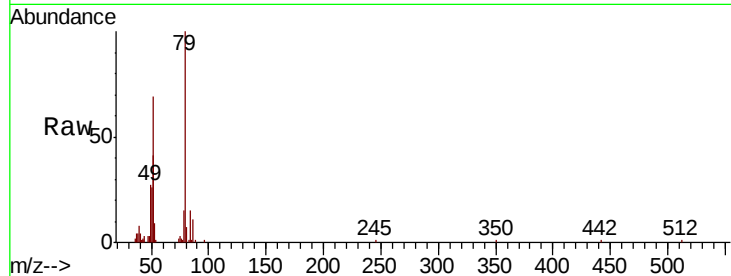
Tot Ion: 79 Resp: 55825

Ion Ratio Lower Upper

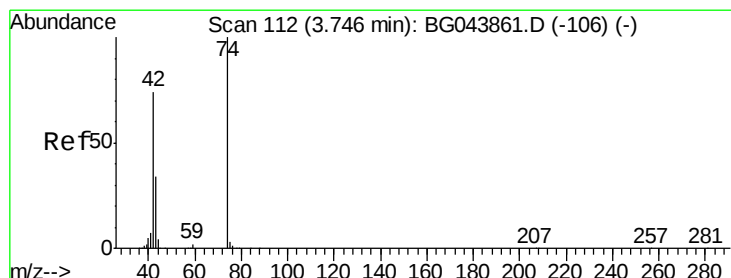
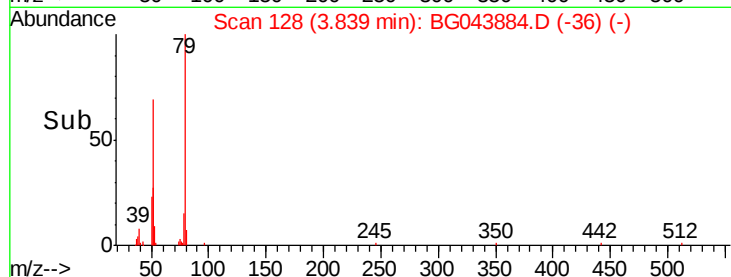
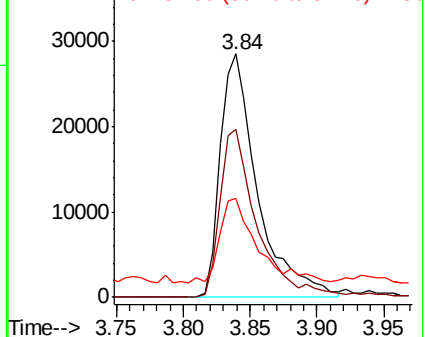
79 100

52 69.0 58.9 88.3

51 40.7 28.6 43.0



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 7.200 ng

RT: 3.75 min Scan# 113

Delta R.T. 0.01 min

Lab File: BG043884.D

Acq: 3 Jan 2020 12:12

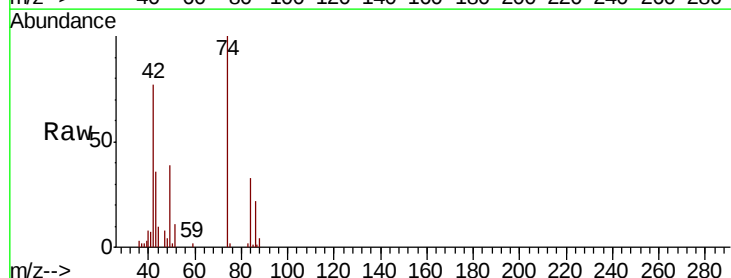
Tgt Ion: 42 Resp: 26124

Ion Ratio Lower Upper

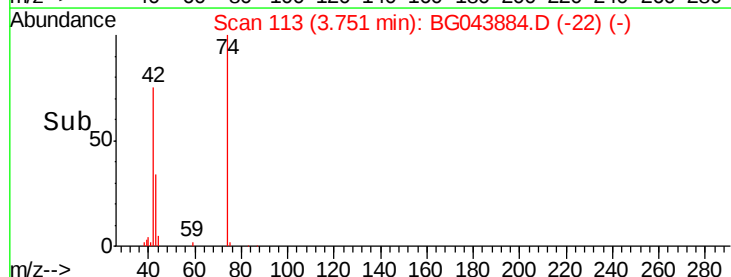
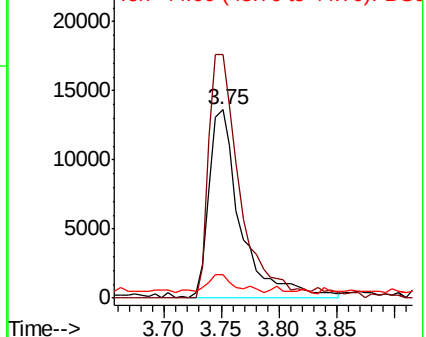
42 100

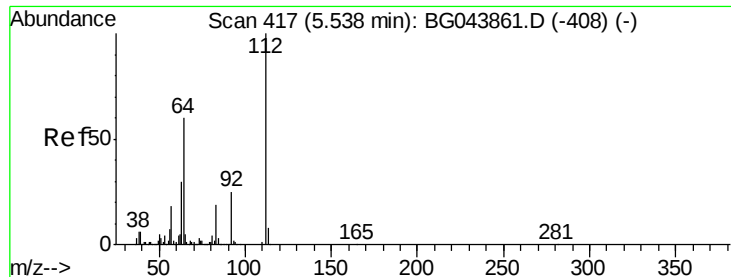
74 129.3 108.6 162.8

44 12.4 5.0 7.6#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 142.948 ng

RT: 5.54 min Scan# 417

Delta R.T. -0.00 min

Lab File: BG043884.D

Acq: 3 Jan 2020 12:12

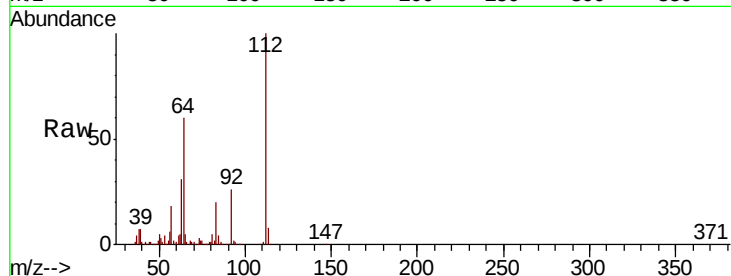
Tot Ion:112 Resp: 904476

Ion Ratio Lower Upper

112 100

64 60.0 47.8 71.6

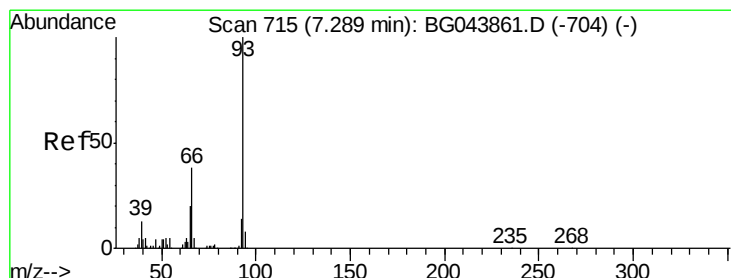
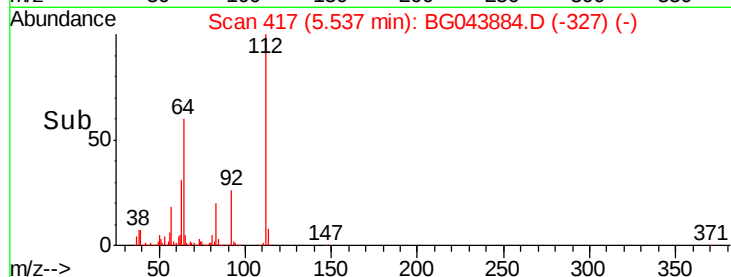
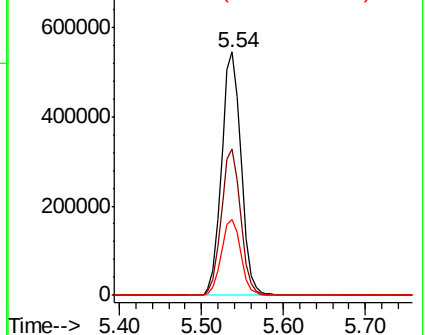
63 31.4 24.3 36.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 7.961 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG043884.D

Acq: 3 Jan 2020 12:12

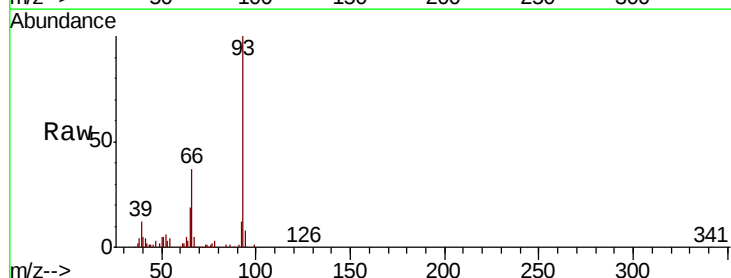
Tgt Ion: 93 Resp: 92481

Ion Ratio Lower Upper

93 100

66 36.8 30.8 46.2

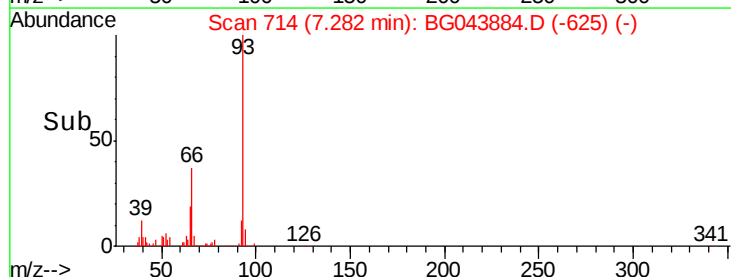
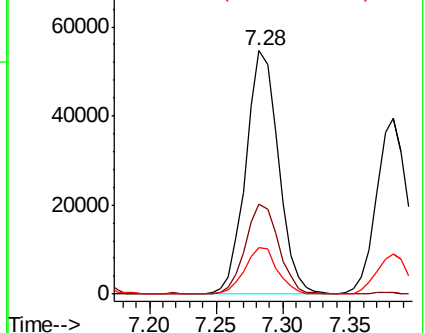
65 19.1 16.0 24.0

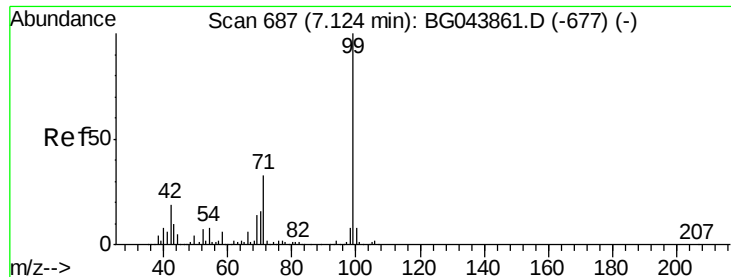


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 141.833 ng

RT: 7.12 min Scan# 687

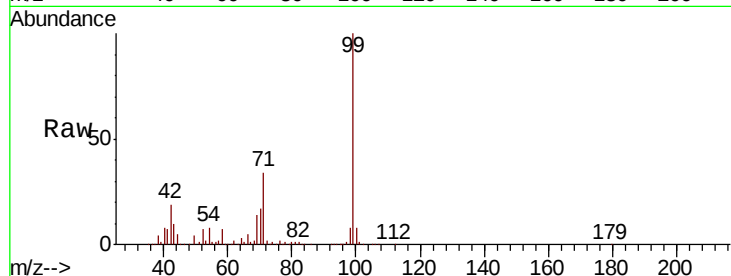
Delta R.T. -0.00 min

Lab File: BG043884.D

Acq: 3 Jan 2020 12:12

Tot Ion: 99 Resp: 1254433

Ion	Ratio	Lower	Upper
99	100		
42	19.4	14.9	22.3
71	33.5	26.4	39.6

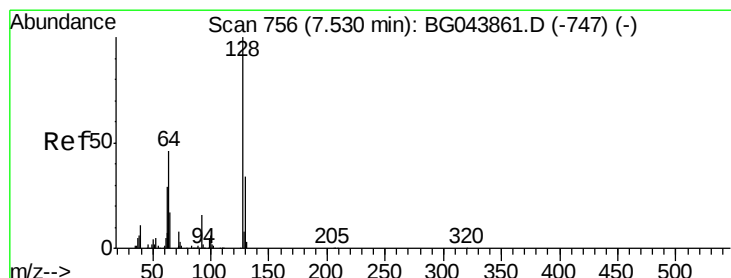
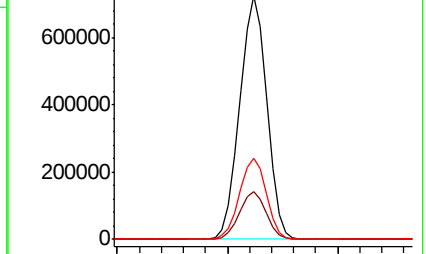
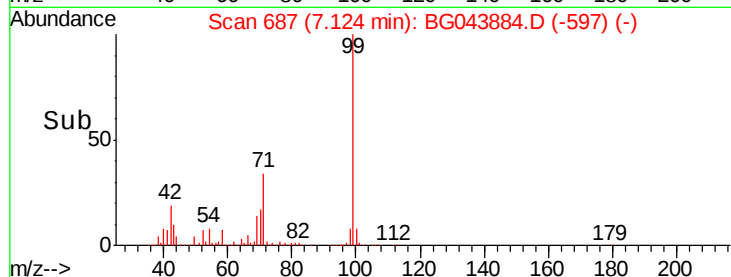


Abundance

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: 7.754 ng

RT: 7.53 min Scan# 756

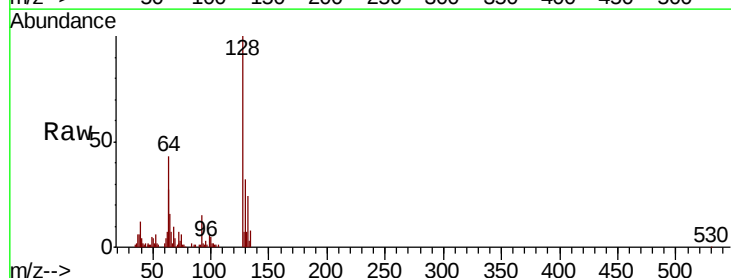
Delta R.T. -0.00 min

Lab File: BG043884.D

Acq: 3 Jan 2020 12:12

Tgt Ion: 128 Resp: 57599

Ion	Ratio	Lower	Upper
128	100		
130	31.7	13.8	53.8
64	42.8	27.6	67.6

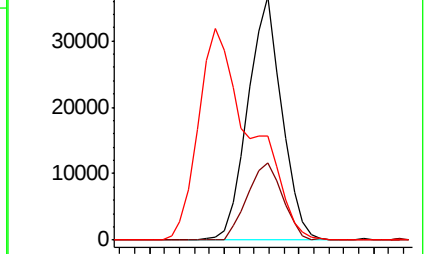
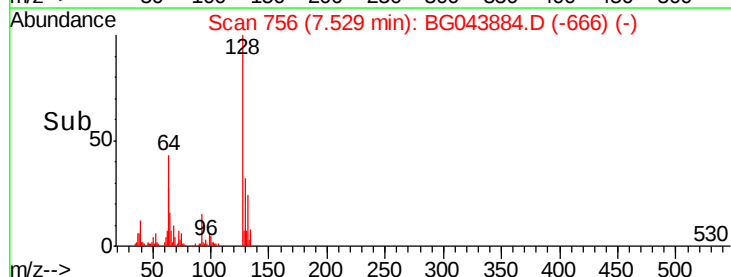


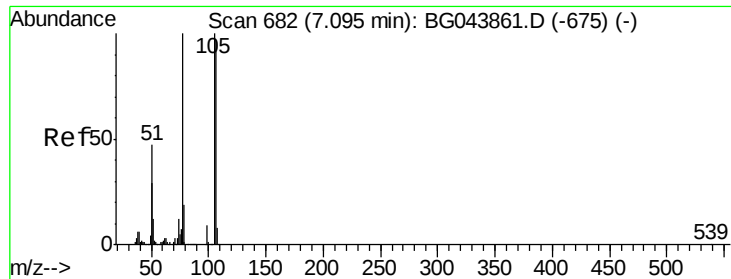
Abundance

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: 9.979 ng

RT: 7.09 min Scan# 682

Delta R.T. -0.00 min

Lab File: BG043884.D

Acq: 3 Jan 2020 12:12

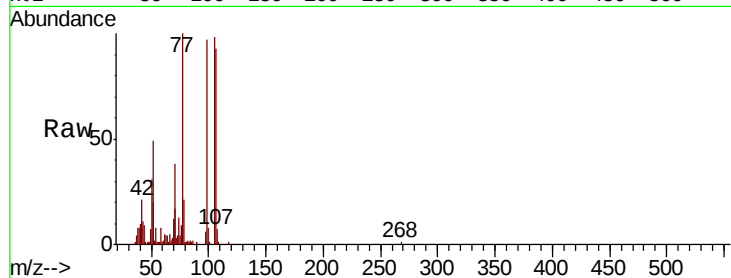
Tot Ion: 77 Resp: 56485

Ion Ratio Lower Upper

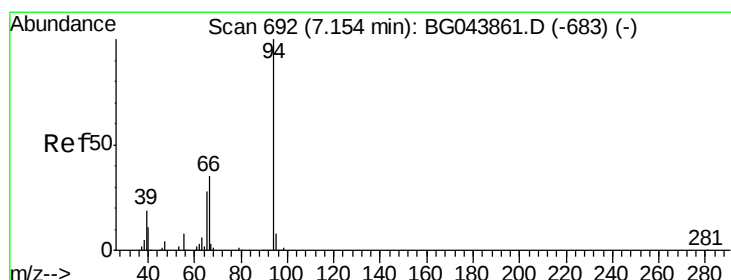
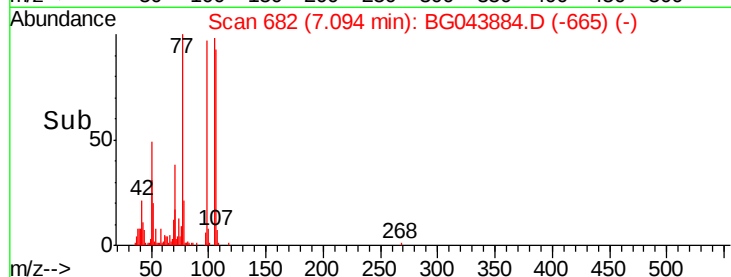
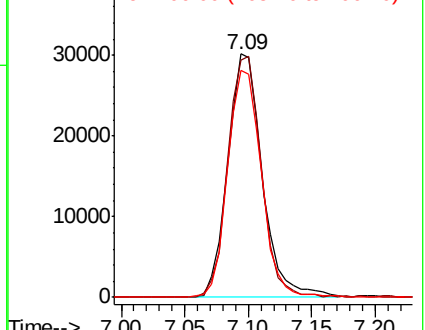
77 100

105 97.5 80.2 120.2

106 93.2 77.2 117.2



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 7.838 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.01 min

Lab File: BG043884.D

Acq: 3 Jan 2020 12:12

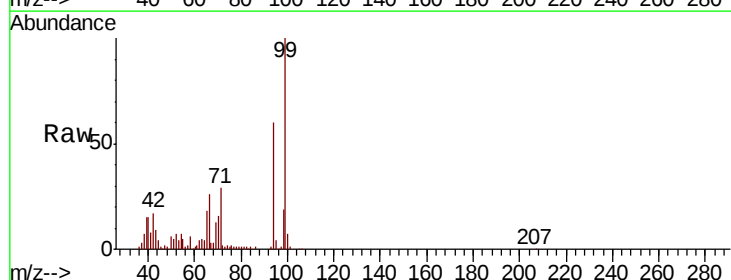
Tgt Ion: 94 Resp: 71424

Ion Ratio Lower Upper

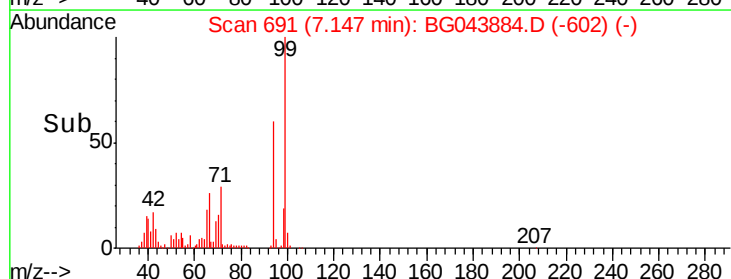
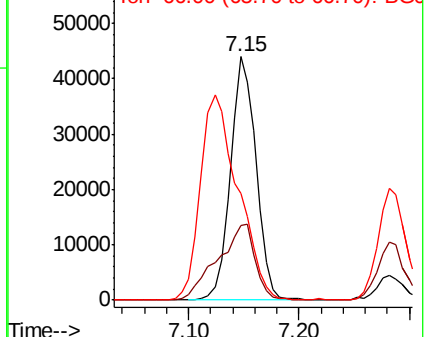
94 100

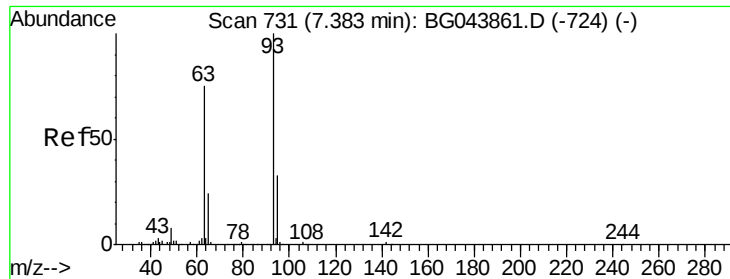
65 30.5 8.1 48.1

66 43.7 15.6 55.6



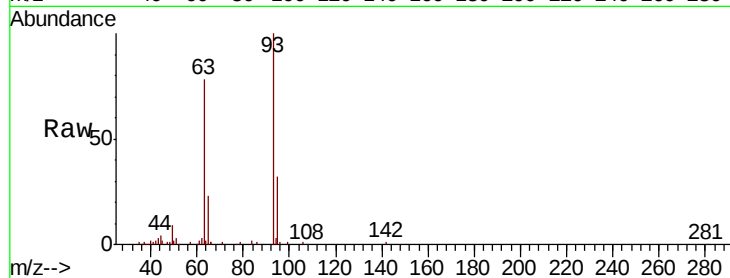
Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



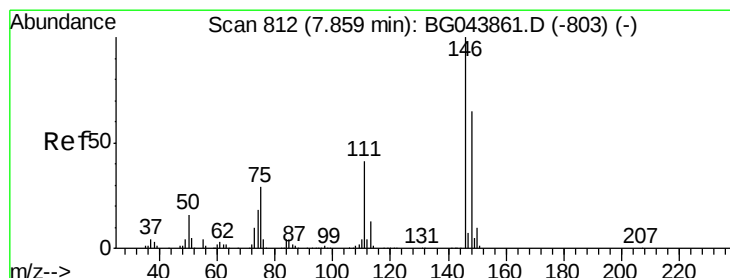
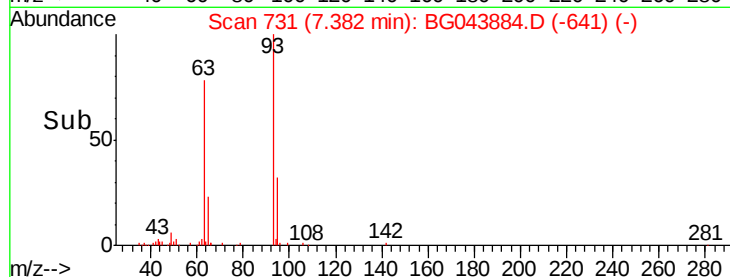
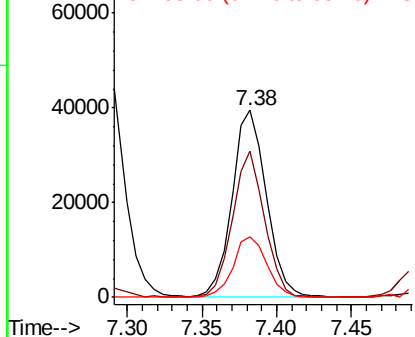


#11
bis(2-Chloroethyl)ether
Concen: 8.047 ng
RT: 7.38 min Scan# 731
Delta R.T. -0.00 min
Lab File: BG043884.D
Acq: 3 Jan 2020 12:12

Tot Ion	Ratio	Lower	Upper
93	100		
63	78.3	55.0	95.0
95	32.2	13.3	53.3

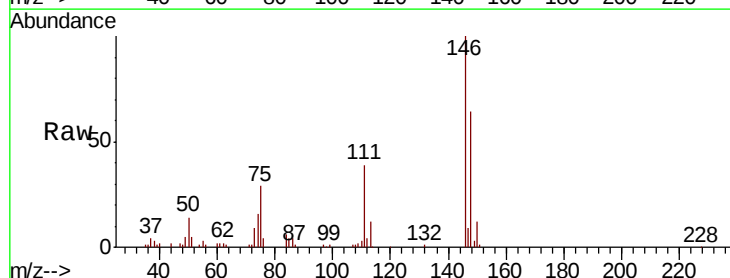


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

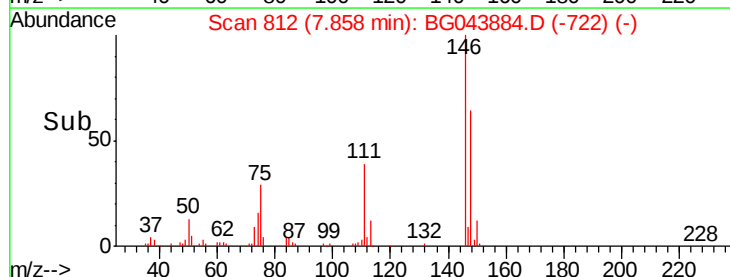
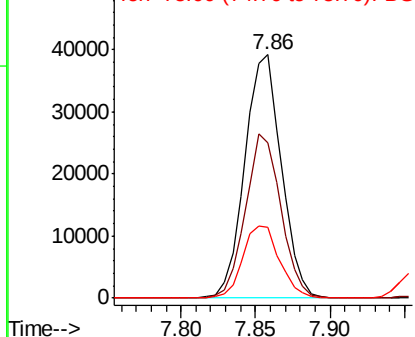


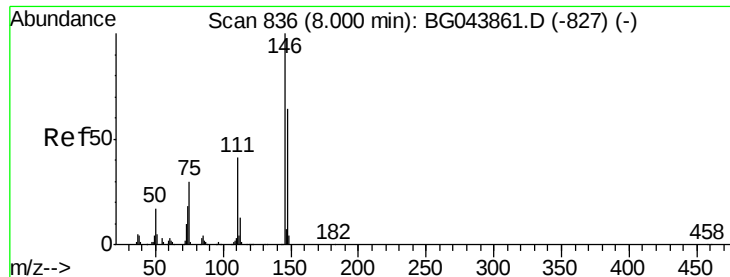
#12
1,3-Dichlorobenzene
Concen: 7.631 ng
RT: 7.86 min Scan# 812
Delta R.T. -0.00 min
Lab File: BG043884.D
Acq: 3 Jan 2020 12:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	52.1	78.1
75	29.3	23.0	34.4



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 7.766 ng

RT: 8.00 min Scan# 836

Delta R.T. -0.00 min

Lab File: BG043884.D

Acq: 3 Jan 2020 12:12

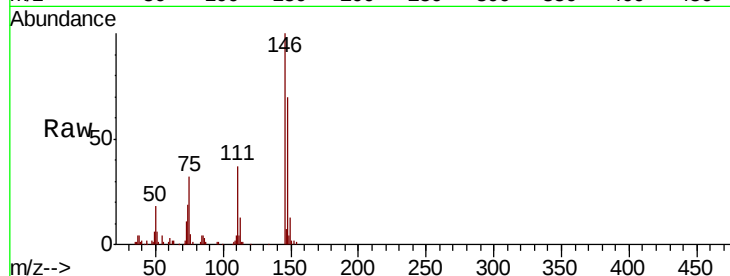
Tot Ion:146 Resp: 66606

Ion Ratio Lower Upper

146 100

148 70.0 51.2 76.8

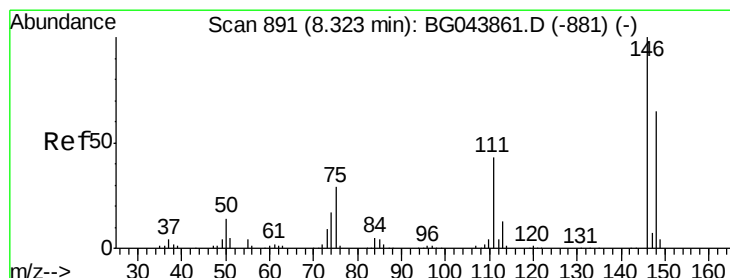
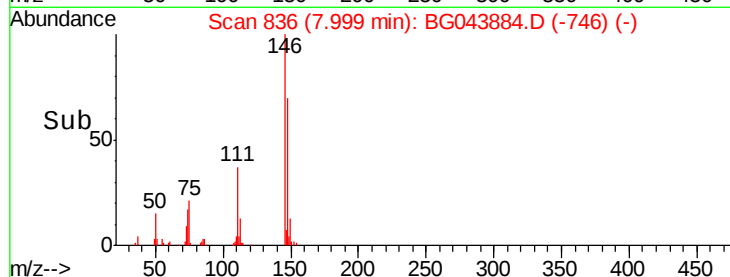
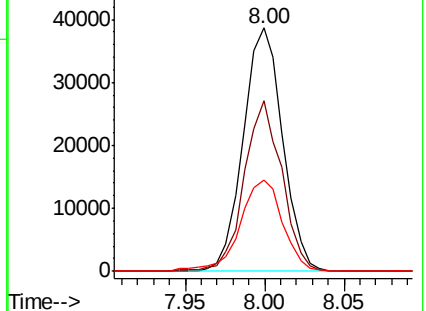
111 37.3 33.1 49.7



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: 7.681 ng

RT: 8.32 min Scan# 890

Delta R.T. -0.01 min

Lab File: BG043884.D

Acq: 3 Jan 2020 12:12

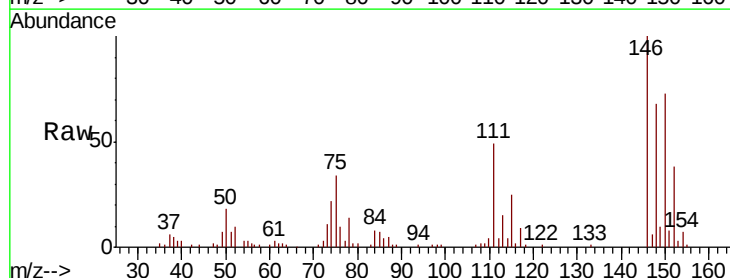
Tgt Ion:146 Resp: 63230

Ion Ratio Lower Upper

146 100

148 67.8 51.7 77.5

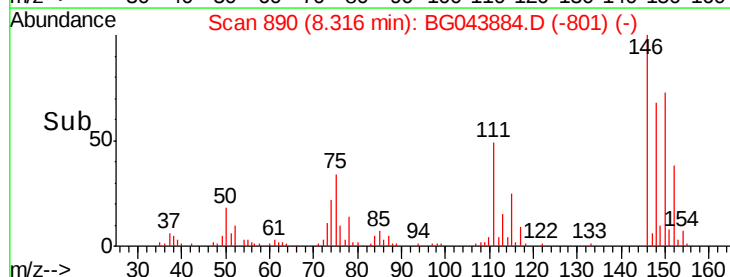
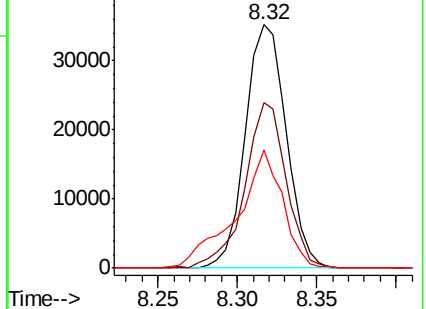
111 48.7 34.4 51.6



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: 7.222 ng

RT: 8.19 min Scan# 869

Delta R.T. -0.01 min

Lab File: BG043884.D

Acq: 3 Jan 2020 12:12

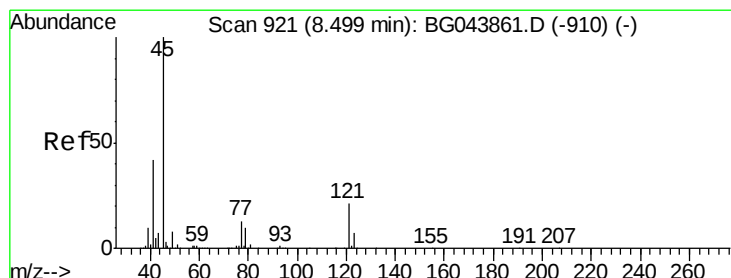
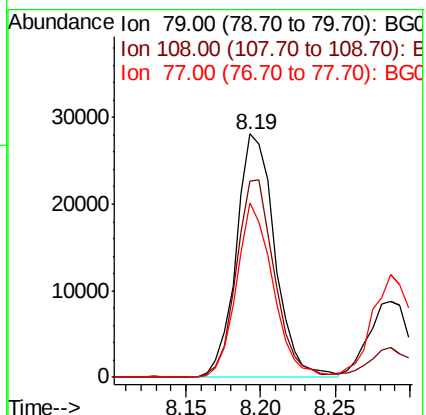
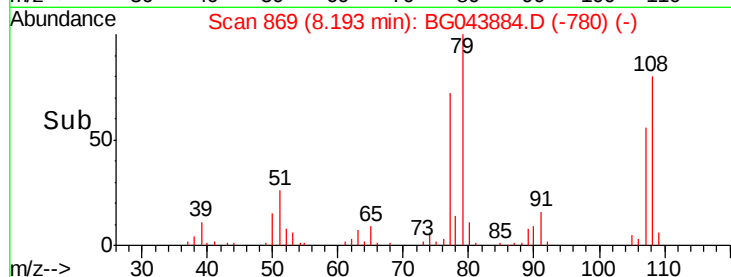
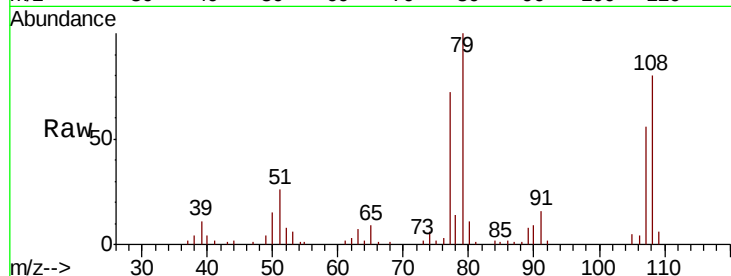
Tot Ion: 79 Resp: 50408

Ion Ratio Lower Upper

79 100

108 80.4 65.6 98.4

77 71.8 52.0 78.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 7.216 ng

RT: 8.49 min Scan# 920

Delta R.T. -0.01 min

Lab File: BG043884.D

Acq: 3 Jan 2020 12:12

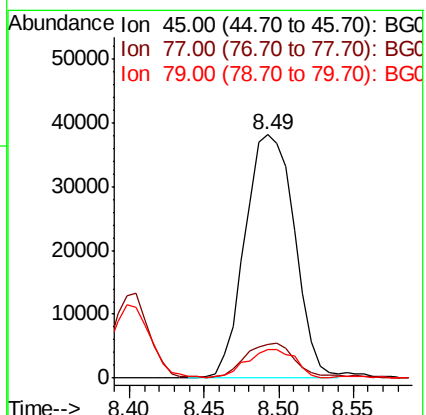
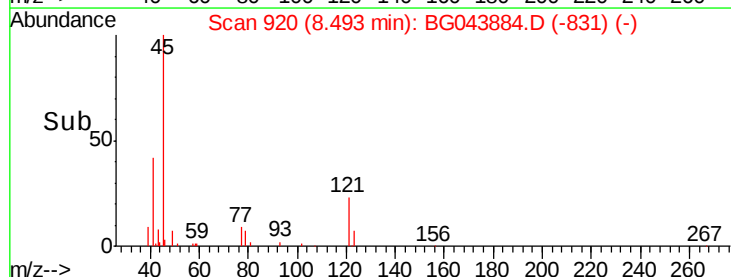
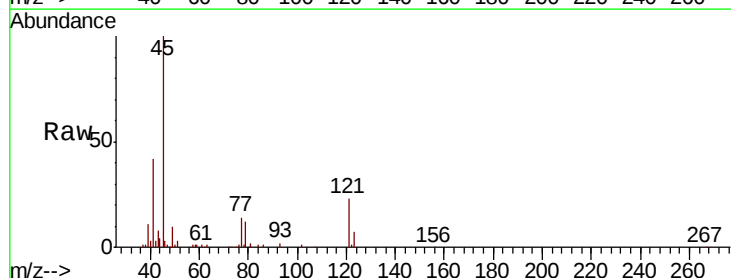
Tgt Ion: 45 Resp: 87811

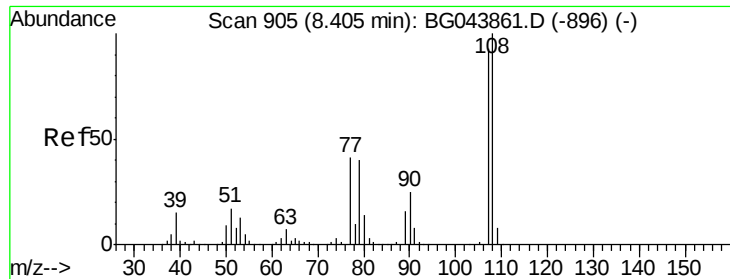
Ion Ratio Lower Upper

45 100

77 13.9 0.0 33.8

79 11.7 0.0 31.0





#17

2-Methylphenol

Concen: 7.391 ng

RT: 8.40 min Scan# 905

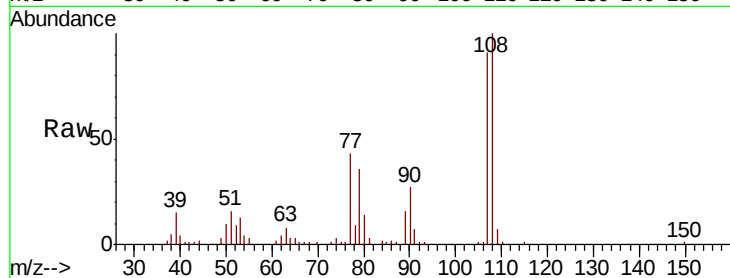
Delta R.T. -0.00 min

Lab File: BG043884.D

Acq: 3 Jan 2020 12:12

Tot Ion:107 Resp: 48737

Ion	Ratio	Lower	Upper
107	100		
108	110.5	86.1	129.1
77	47.2	35.4	53.0
79	40.0	34.8	52.2

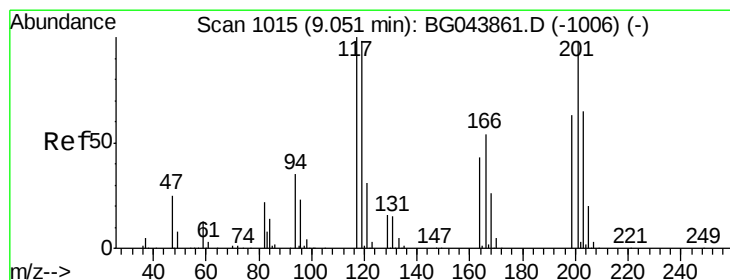
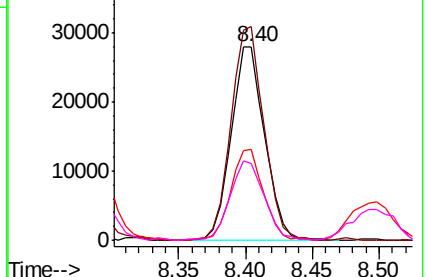
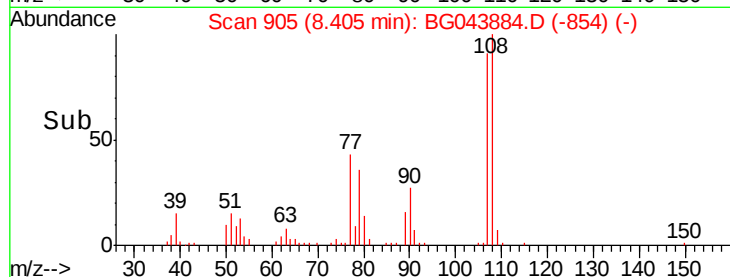


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 7.508 ng

RT: 9.05 min Scan# 1015

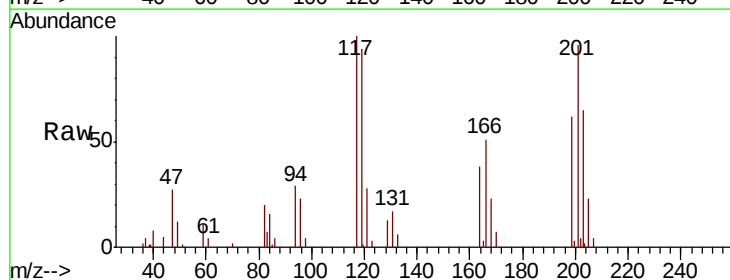
Delta R.T. -0.00 min

Lab File: BG043884.D

Acq: 3 Jan 2020 12:12

Tgt Ion:117 Resp: 25057

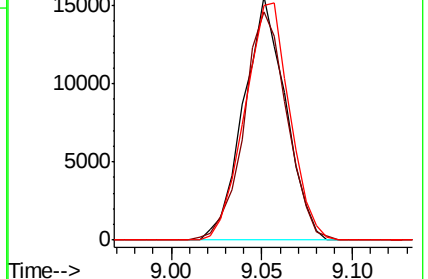
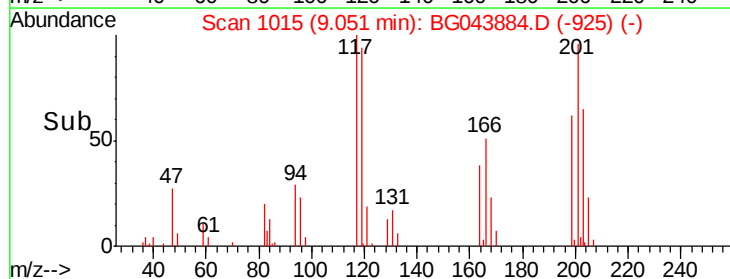
Ion	Ratio	Lower	Upper
117	100		
119	95.3	78.1	117.1
201	96.4	78.6	117.8



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

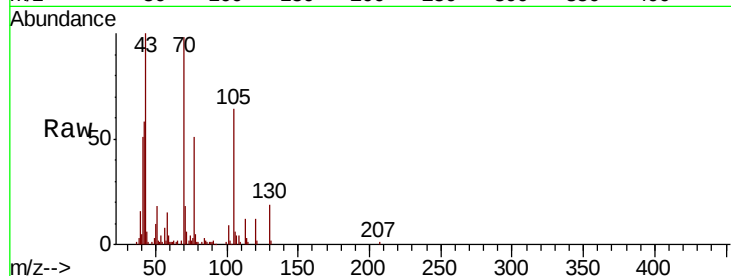
Ion 201.00 (200.70 to 201.70): E



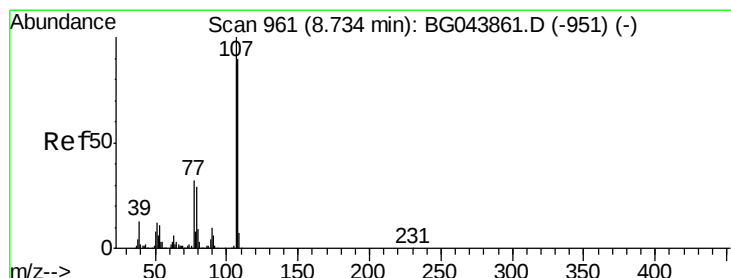
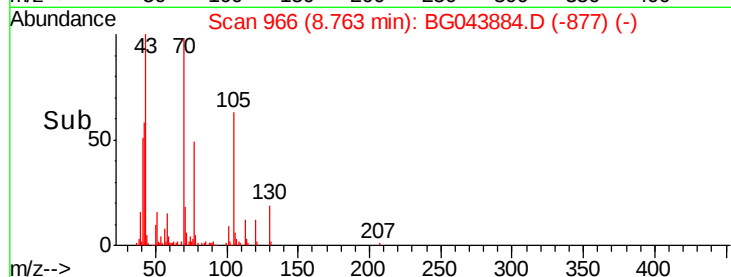
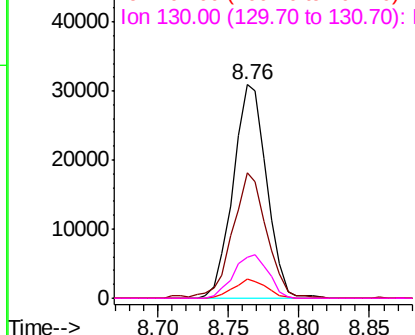


#19
n-Nitroso-di-n-propylamine
Concen: 7.759 ng
RT: 8.76 min Scan# 966
Delta R.T. -0.01 min
Lab File: BG043884.D
Acq: 3 Jan 2020 12:12

Tot Ion:	70	Resp:	51108
Ion	Ratio	Lower	Upper
70	100		
42	59.0	47.0	70.4
101	9.2	7.2	10.8
130	19.4	15.6	23.4

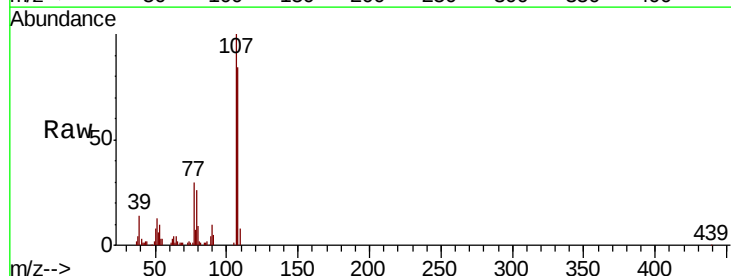


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

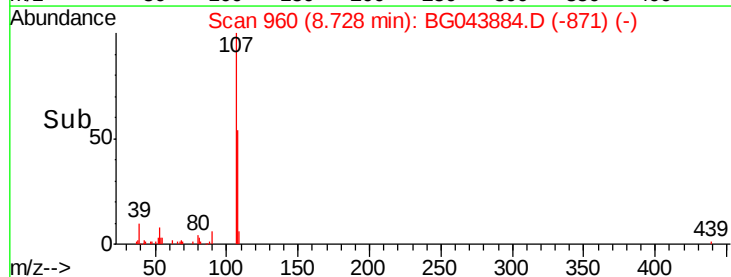
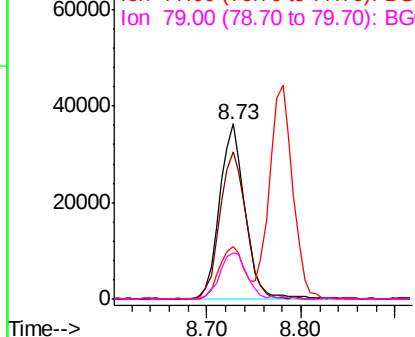


#20
3+4-Methylphenols
Concen: 7.420 ng
RT: 8.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG043884.D
Acq: 3 Jan 2020 12:12

Tgt Ion:	107	Resp:	68255
Ion	Ratio	Lower	Upper
107	100		
108	84.1	70.3	110.3
77	30.3	12.4	52.4
79	26.1	8.6	48.6



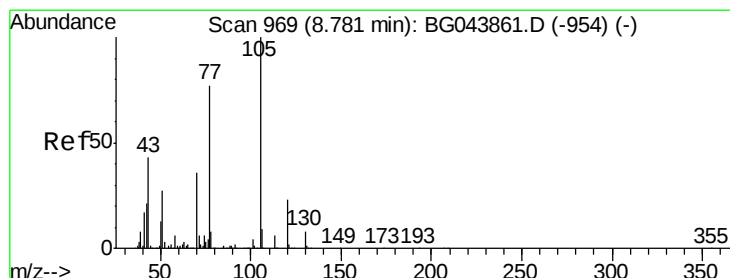
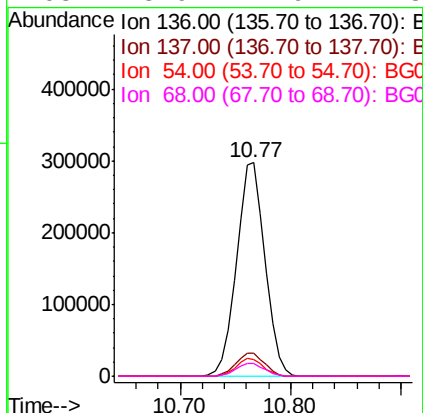
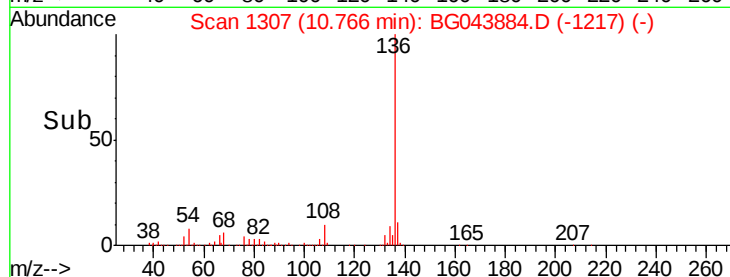
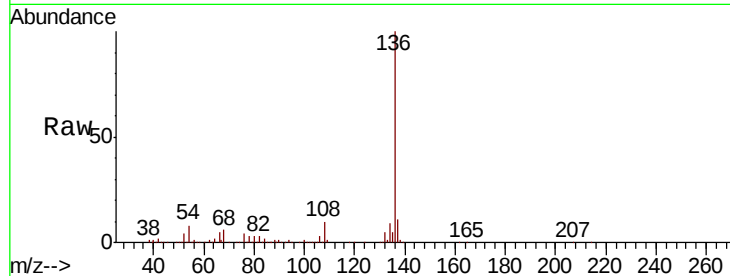
Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





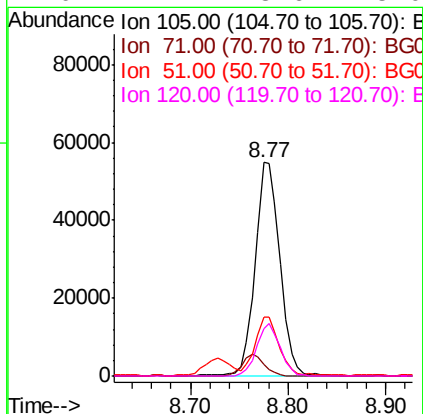
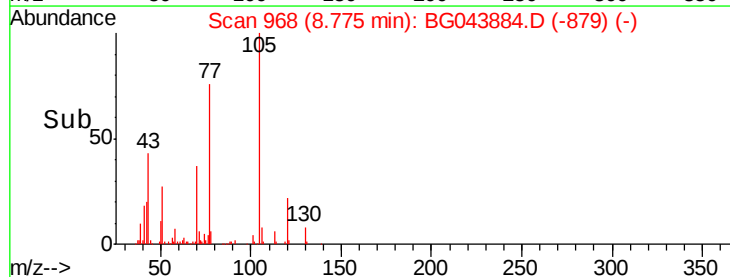
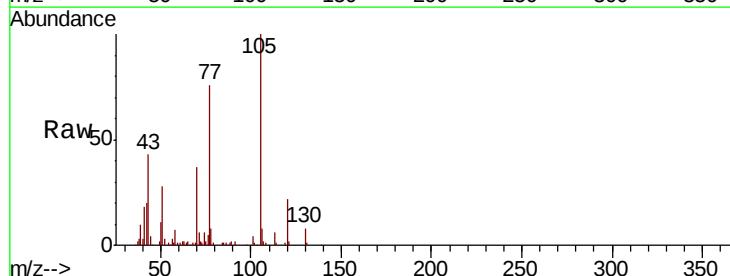
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG043884.D
Acq: 3 Jan 2020 12:12

Tot Ion:136	Resp:	536653	
Ion Ratio	Lower	Upper	
136 100			
137 11.0	8.8	13.2	
54 8.1	7.0	10.4	
68 5.9	4.9	7.3	



#22
Acetophenone
Concen: 7.363 ng
RT: 8.77 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG043884.D
Acq: 3 Jan 2020 12:12

Tgt	Ion:105	Resp:	98236
Ion	Ratio	Lower	Upper
105	100		
71	5.7	4.8	7.2
51	27.7	21.4	32.0
120	22.4	18.6	28.0





#23

Nitrobenzene-d5

Concen: 96.214 ng

RT: 9.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BG043884.D

Acq: 3 Jan 2020 12:12

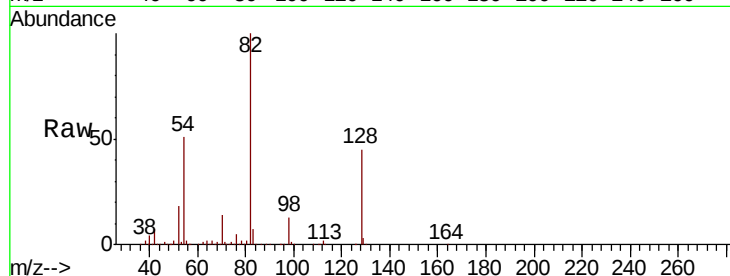
Tot Ion: 82 Resp: 965188

Ion Ratio Lower Upper

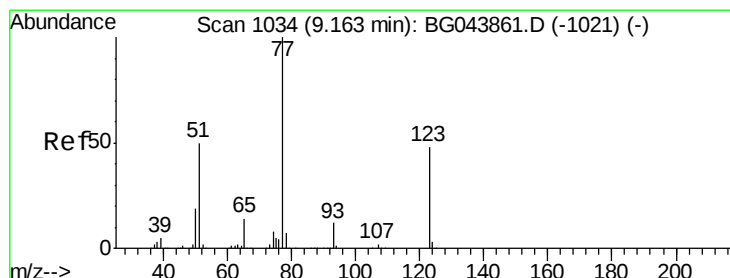
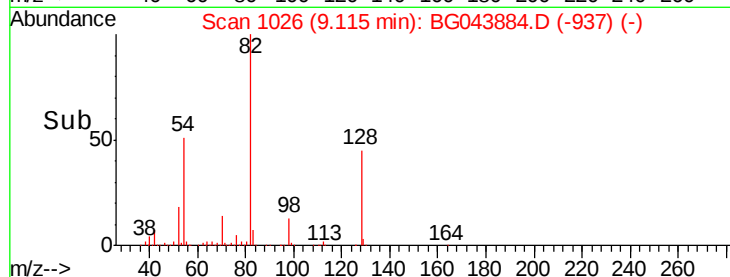
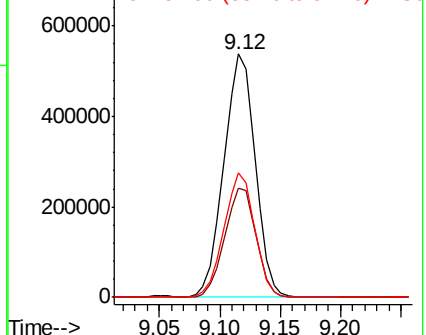
82 100

128 45.1 35.1 52.7

54 51.0 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: 7.462 ng

RT: 9.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BG043884.D

Acq: 3 Jan 2020 12:12

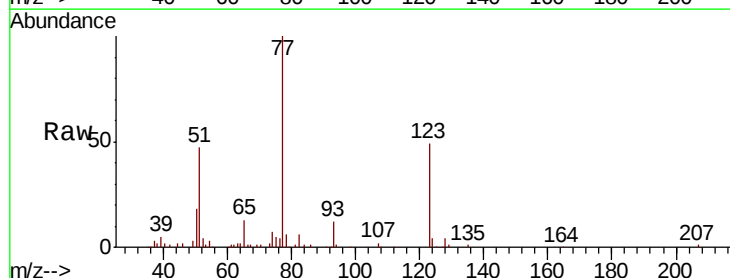
Tgt Ion: 77 Resp: 74136

Ion Ratio Lower Upper

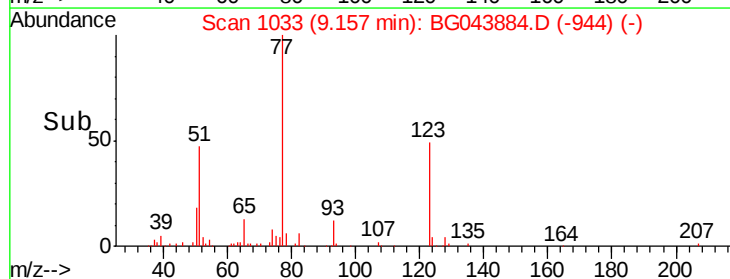
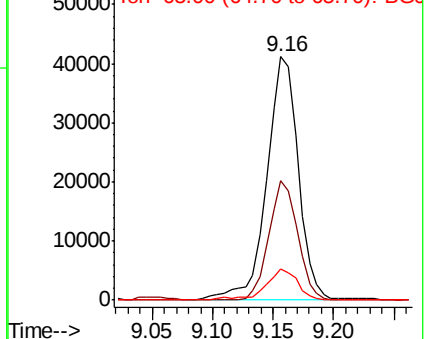
77 100

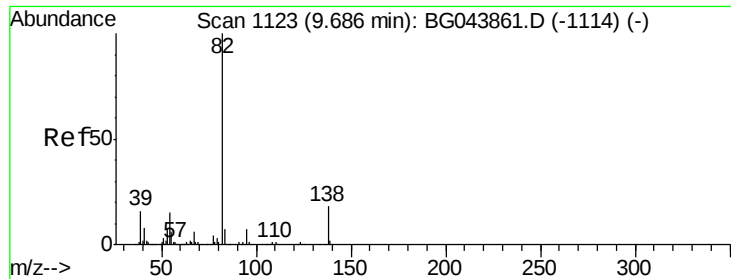
123 49.2 38.7 58.1

65 12.6 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: 7.509 ng

RT: 9.68 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BG043884.D

Acq: 3 Jan 2020 12:12

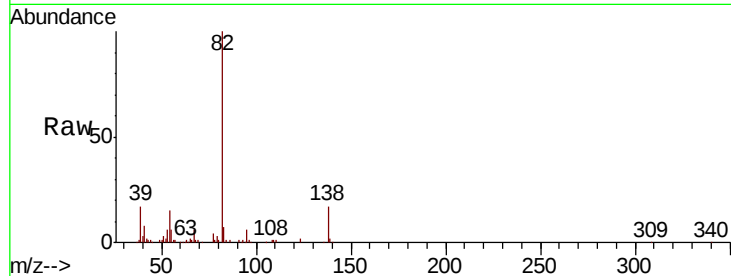
Tot Ion: 82 Resp: 141331

Ion Ratio Lower Upper

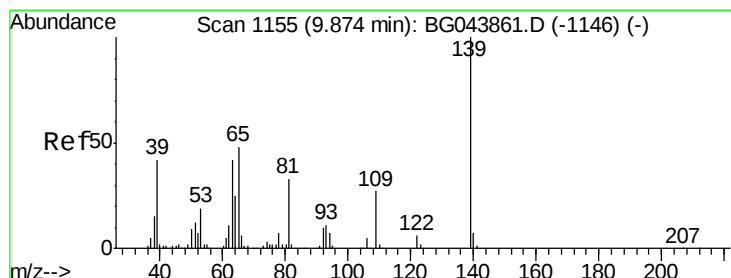
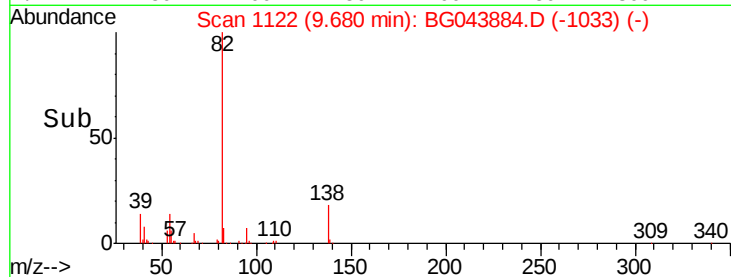
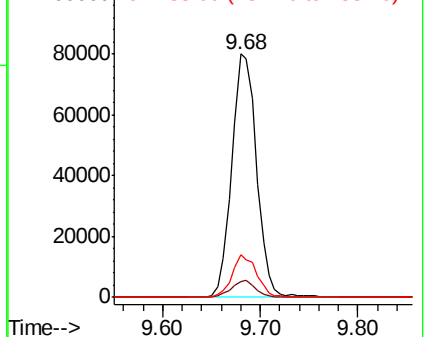
82 100

95 6.5 5.8 8.6

138 17.5 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: 6.063 ng

RT: 9.87 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BG043884.D

Acq: 3 Jan 2020 12:12

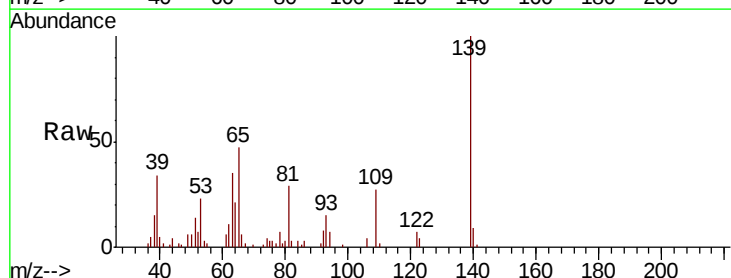
Tgt Ion: 139 Resp: 28500

Ion Ratio Lower Upper

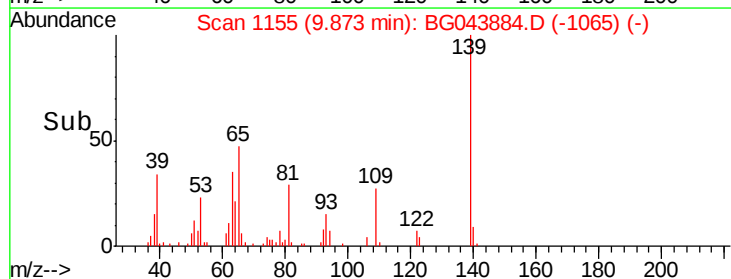
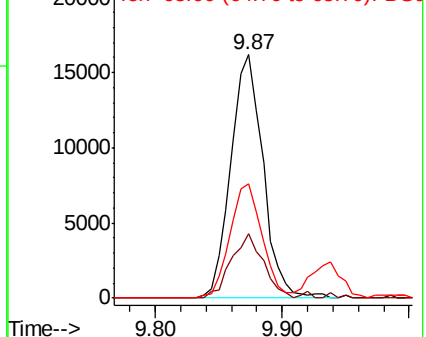
139 100

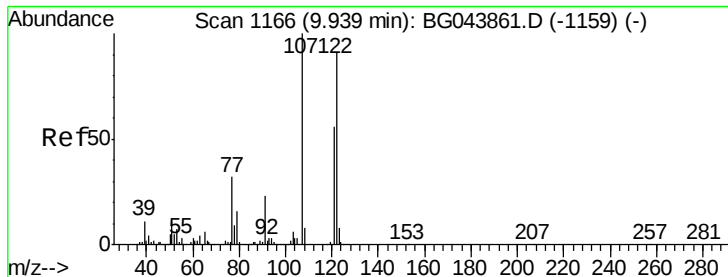
109 26.6 21.3 31.9

65 47.2 38.6 57.8



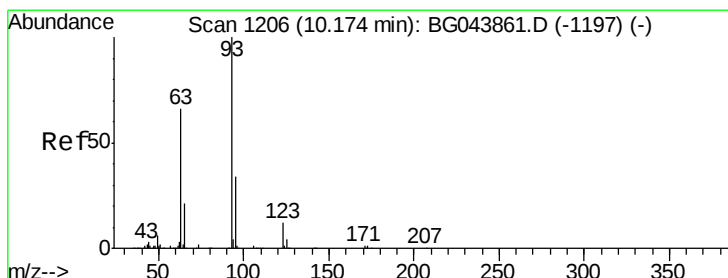
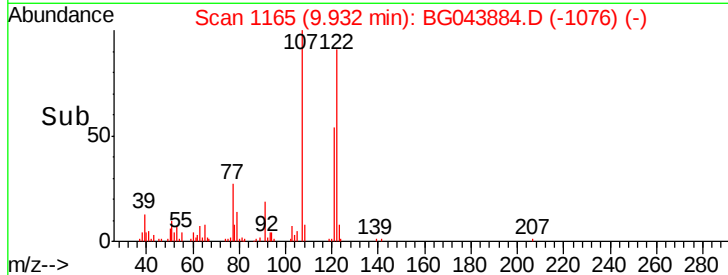
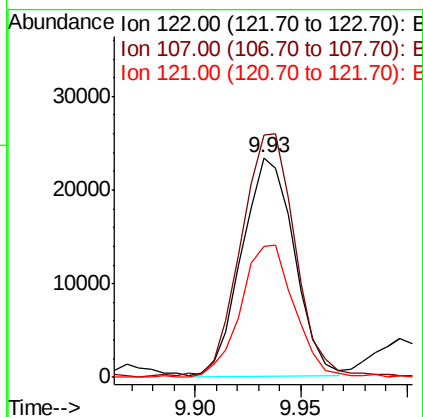
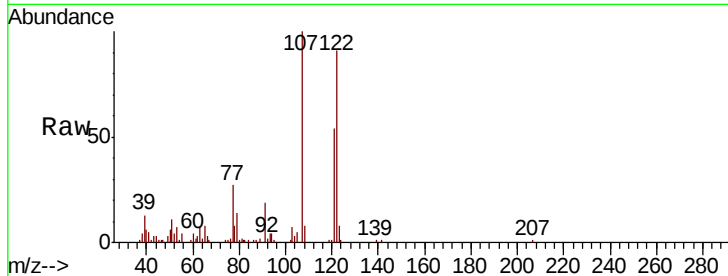
Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





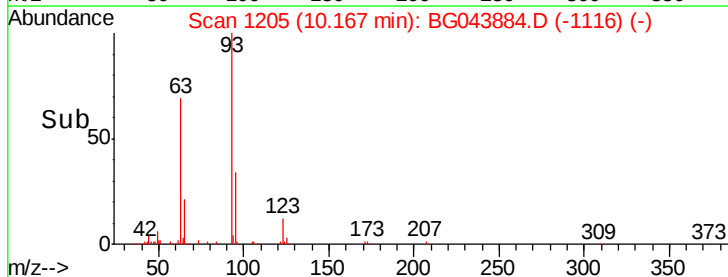
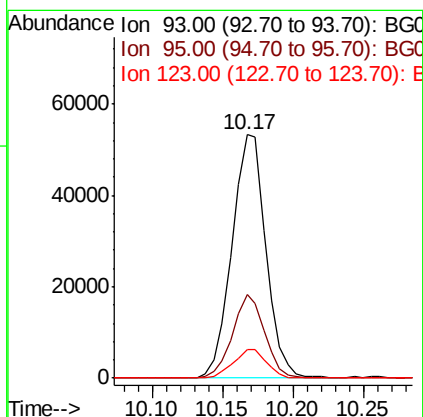
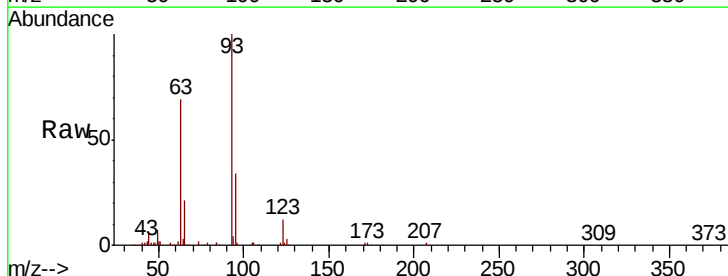
#27
 2,4-Dimethylphenol
 Concen: 5.679 ng
 RT: 9.93 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BG043884.D
 Acq: 3 Jan 2020 12:12

Tot Ion:	122	Resp:	40185
Ion	Ratio	Lower	Upper
122	100		
107	110.1	88.0	132.0
121	59.8	49.0	73.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 7.121 ng
 RT: 10.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BG043884.D
 Acq: 3 Jan 2020 12:12

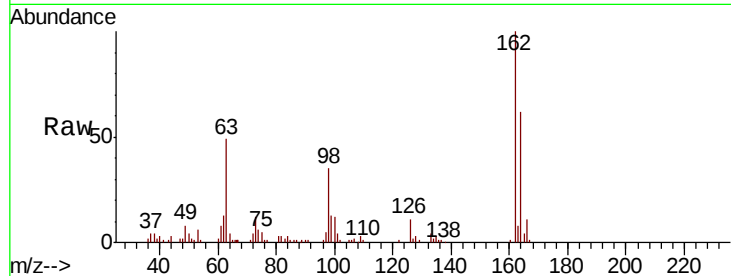
Tgt Ion:	93	Resp:	89352
Ion	Ratio	Lower	Upper
93	100		
95	34.2	27.2	40.8
123	11.6	9.7	14.5



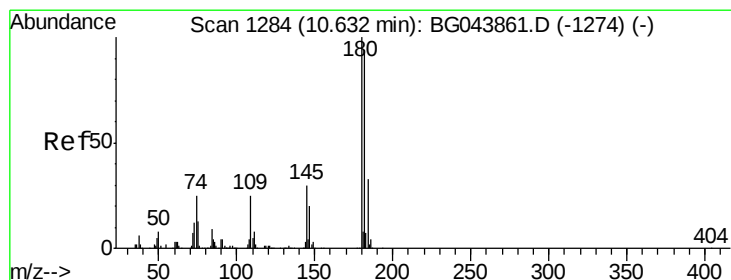
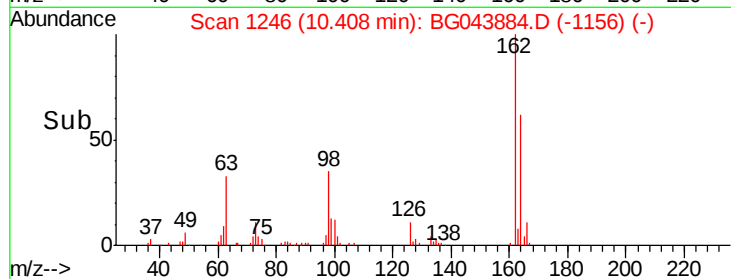
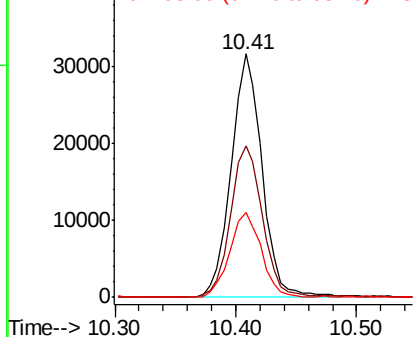


#29
 2,4-Dichlorophenol
 Concen: 6.672 ng
 RT: 10.41 min Scan# 1246
 Delta R.T. -0.00 min
 Lab File: BG043884.D
 Acq: 3 Jan 2020 12:12

Tot Ion:	162	Resp:	56313
Ion	Ratio	Lower	Upper
162	100		
164	62.2	46.3	86.3
98	35.0	17.3	57.3

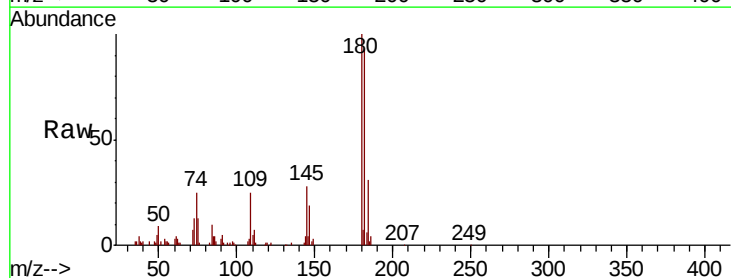


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

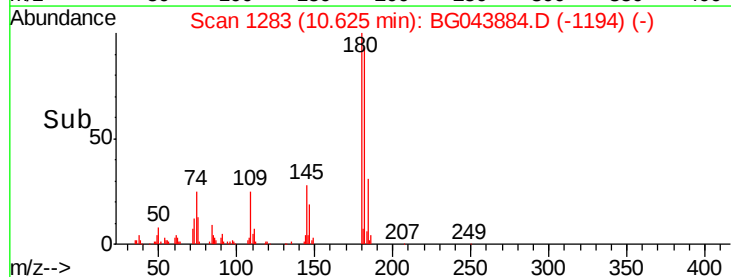
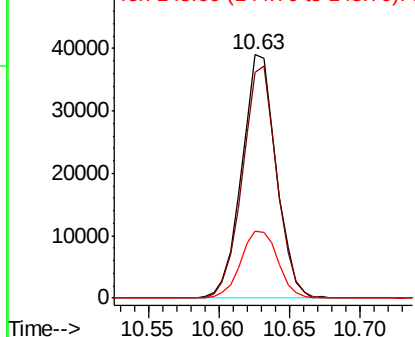


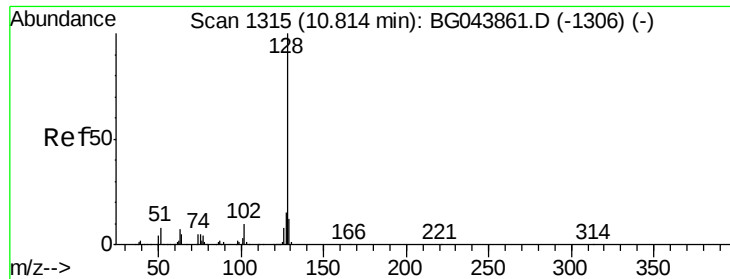
#30
 1,2,4-Trichlorobenzene
 Concen: 7.033 ng
 RT: 10.63 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BG043884.D
 Acq: 3 Jan 2020 12:12

Tgt Ion:	180	Resp:	66558
Ion	Ratio	Lower	Upper
180	100		
182	92.8	75.0	112.4
145	27.5	24.2	36.4



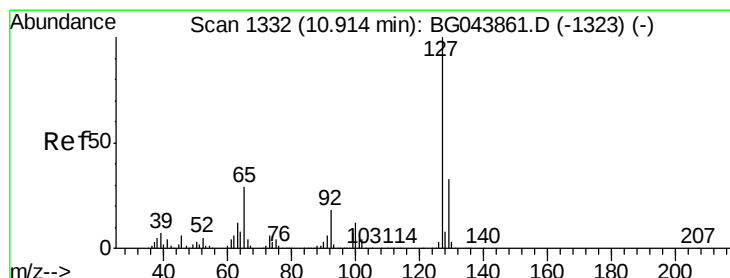
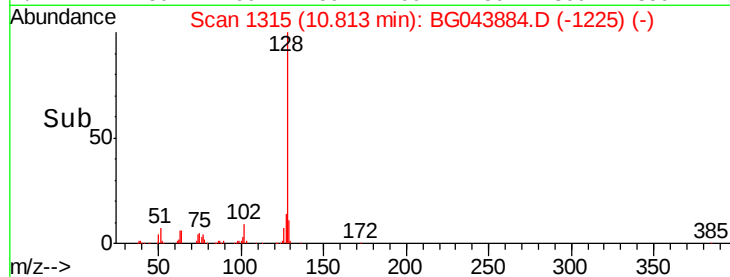
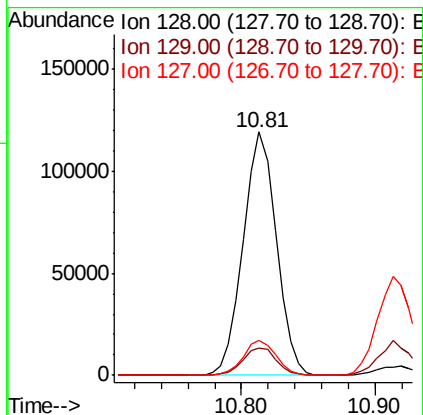
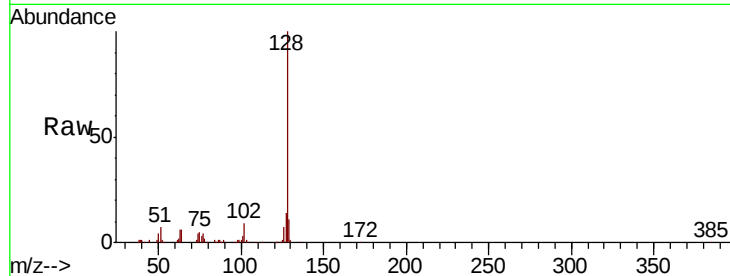
Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





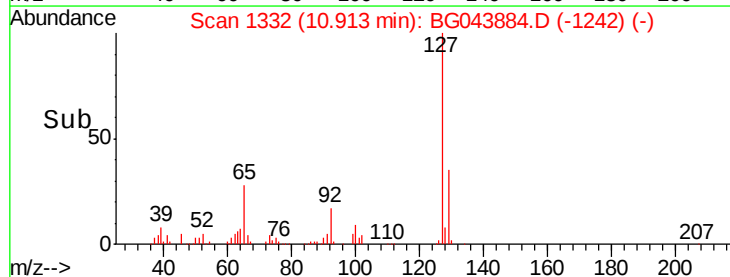
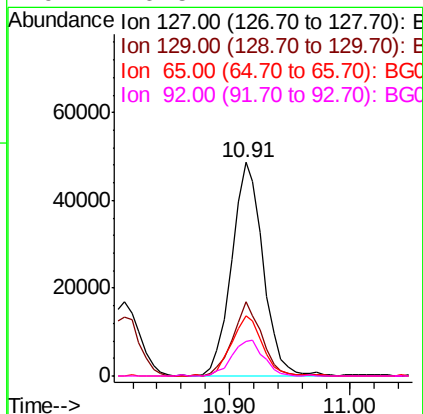
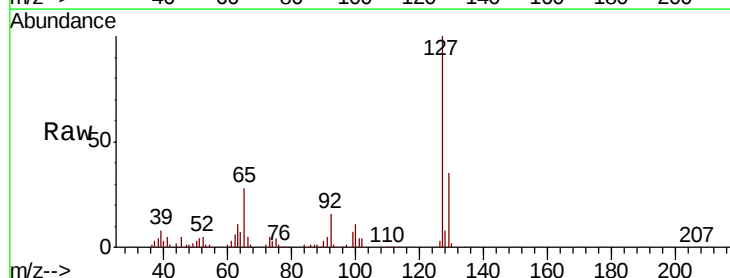
#31
Naphthalene
Concen: 7.909 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG043884.D
Acq: 3 Jan 2020 12:12

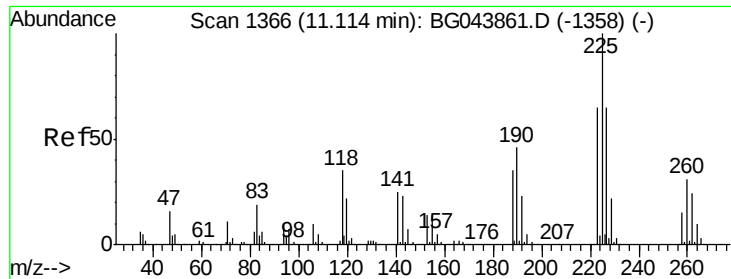
Tot Ion:128	Resp:	205380
Ion	Ratio	Lower Upper
128	100	
129	11.3	9.8 14.6
127	14.2	12.0 18.0



#33
4-Chloroaniline
Concen: 7.116 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BG043884.D
Acq: 3 Jan 2020 12:12

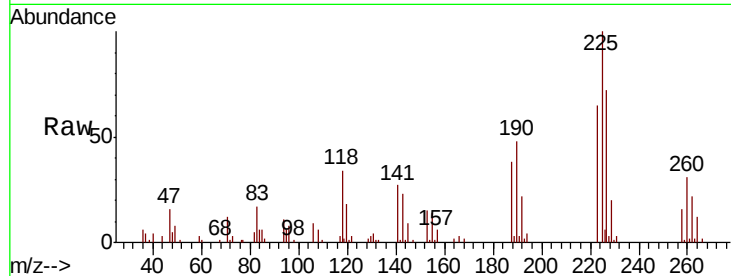
Tgt Ion:127	Resp:	88138
Ion	Ratio	Lower Upper
127	100	
129	35.0	26.6 40.0
65	28.4	23.3 34.9
92	16.5	14.7 22.1



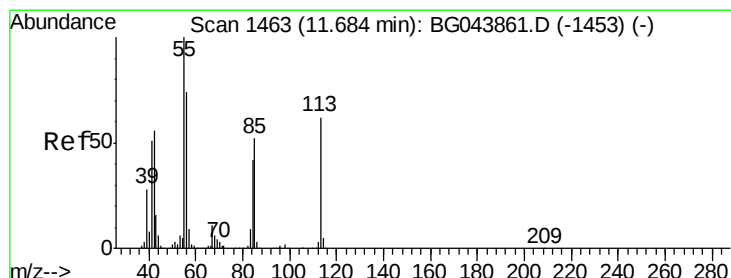
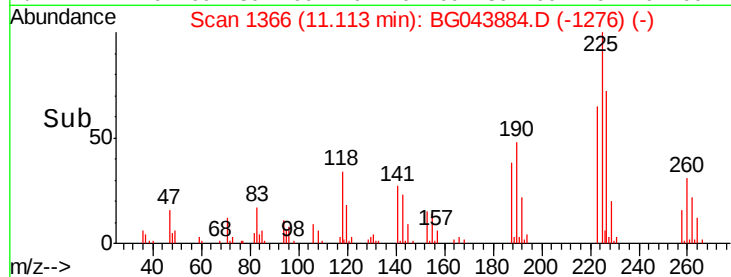
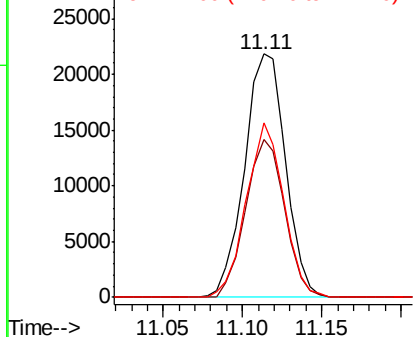


#34
Hexachlorobutadiene
Concen: 6.785 ng
RT: 11.11 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BG043884.D
Acq: 3 Jan 2020 12:12

Tot Ion:225 Resp: 39202
Ion Ratio Lower Upper
225 100
223 64.8 52.2 78.4
227 71.9 52.1 78.1

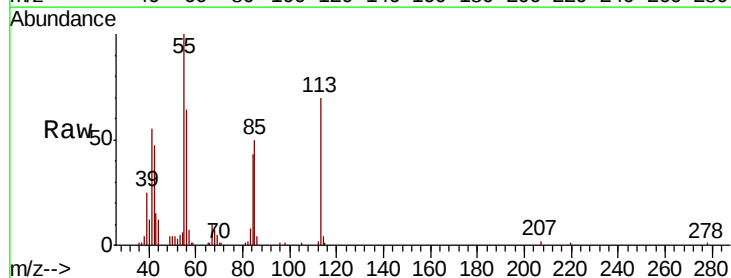


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

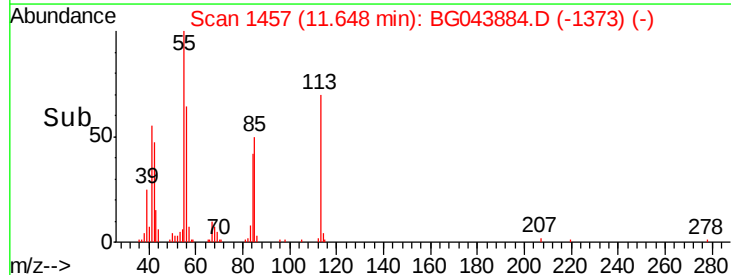
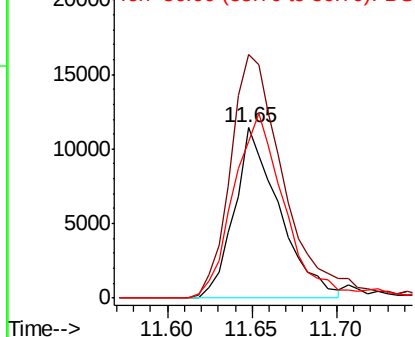


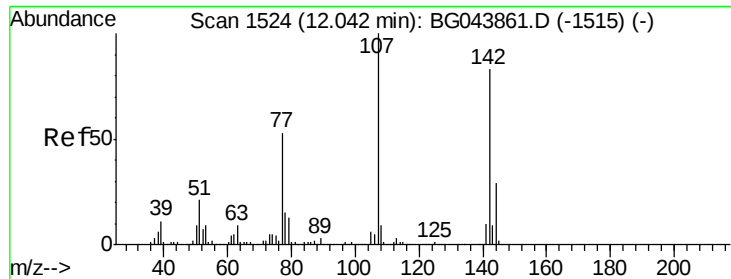
#35
Caprolactam
Concen: 6.765 ng
RT: 11.65 min Scan# 1457
Delta R.T. -0.04 min
Lab File: BG043884.D
Acq: 3 Jan 2020 12:12

Tgt Ion:113 Resp: 21257
Ion Ratio Lower Upper
113 100
55 143.0 142.5 182.5
56 91.7 101.4 141.4#



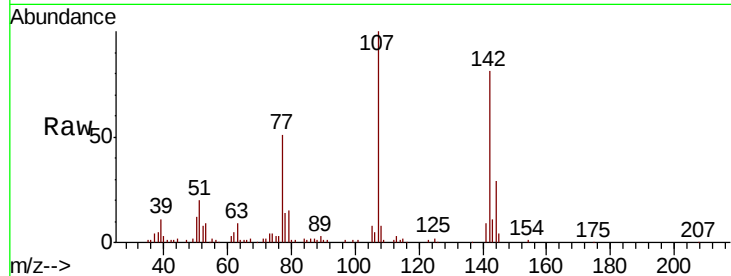
Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BG0
Ion 56.00 (55.70 to 56.70): BG0





#36
 4-Chloro-3-methylphenol
 Concen: 7.041 ng
 RT: 12.04 min Scan# 1523
 Delta R.T. -0.01 min
 Lab File: BG043884.D
 Acq: 3 Jan 2020 12:12

Tot Ion	Ratio	Lower	Upper
107	100		
144	28.6	23.4	35.2
142	81.0	66.3	99.5

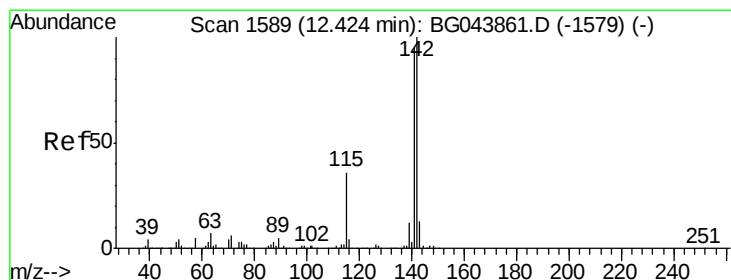
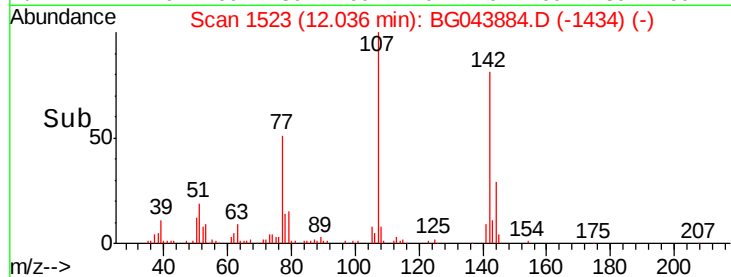
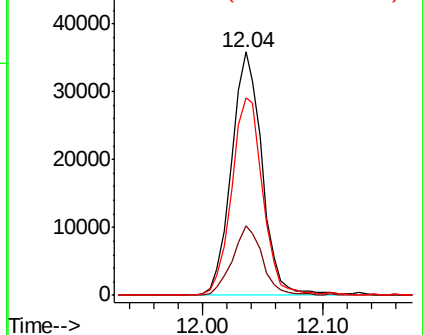


Abundance

Ion 107.00 (106.70 to 107.70): E

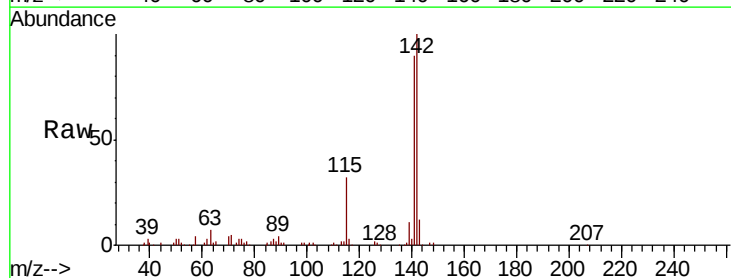
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37
 2-Methylnaphthalene
 Concen: 8.022 ng
 RT: 12.42 min Scan# 1589
 Delta R.T. -0.00 min
 Lab File: BG043884.D
 Acq: 3 Jan 2020 12:12

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.4	75.8	113.8
115	32.5	28.6	42.8

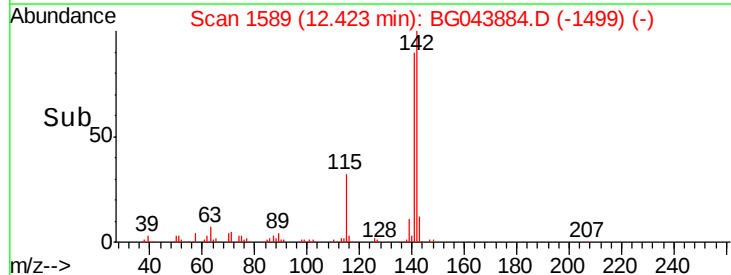
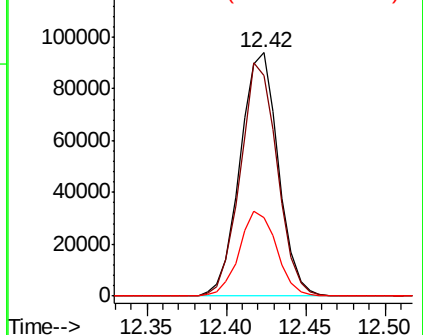


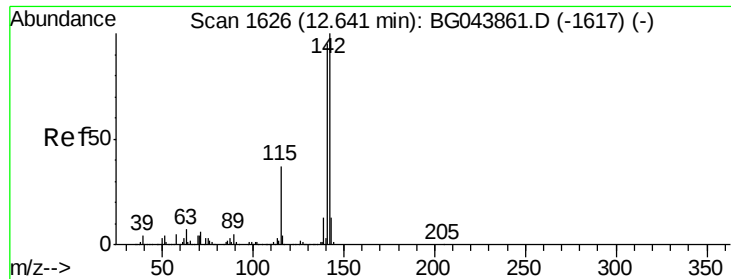
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

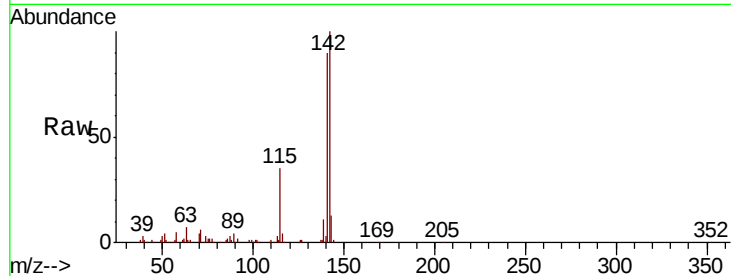
Ion 115.00 (114.70 to 115.70): E





#38
1-Methylnaphthalene
Concen: 8.062 ng
RT: 12.64 min Scan# 1626
Delta R.T. -0.00 min
Lab File: BG043884.D
Acq: 3 Jan 2020 12:12

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	76.0	114.0
116	4.1	3.1	4.7

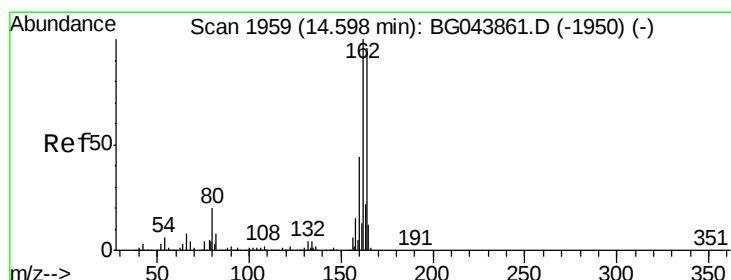
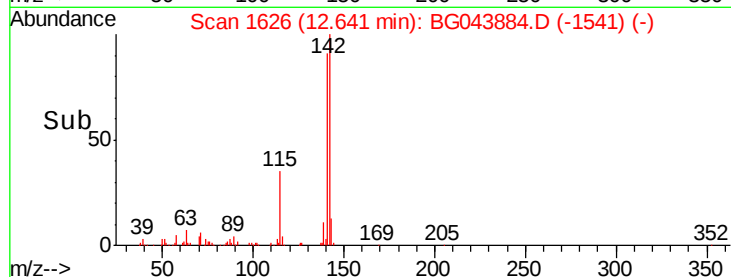
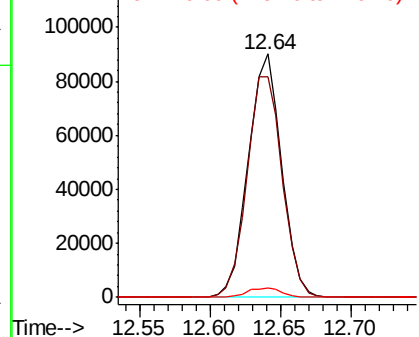


Abundance

Ion 142.00 (141.70 to 142.70): E

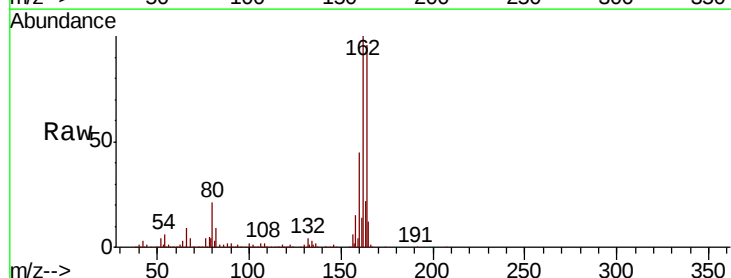
Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BG043884.D
Acq: 3 Jan 2020 12:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	83.0	124.4
160	46.6	36.1	54.1

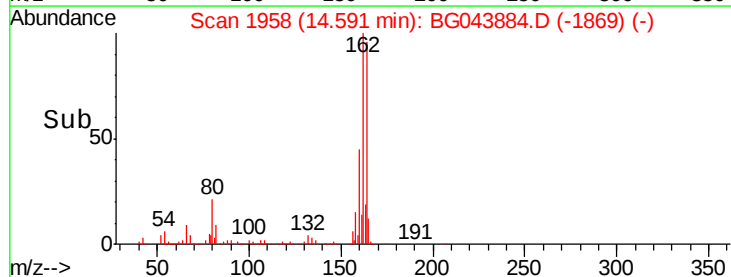
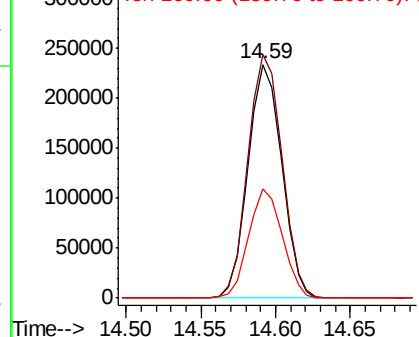


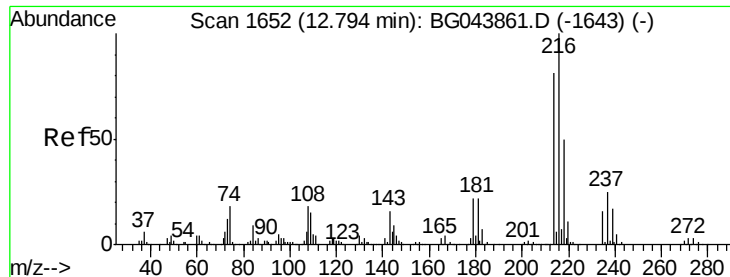
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

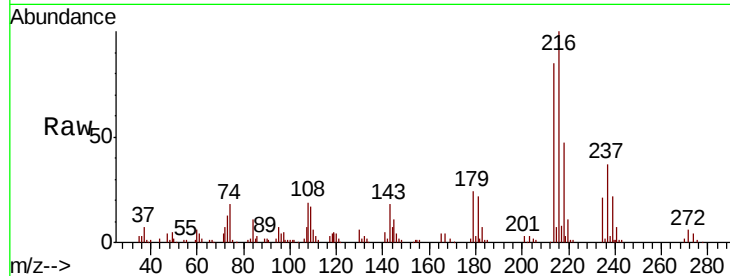
Ion 160.00 (159.70 to 160.70): E



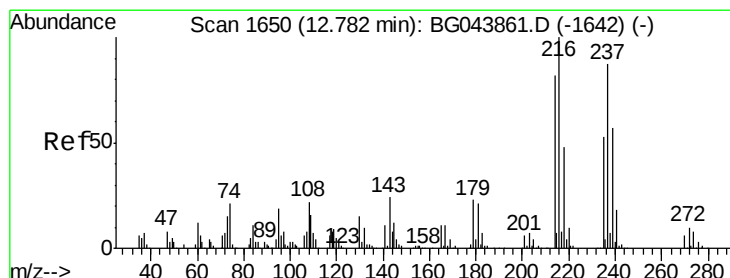
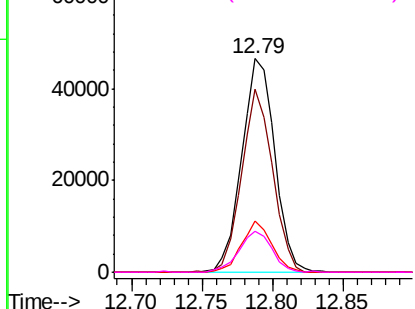
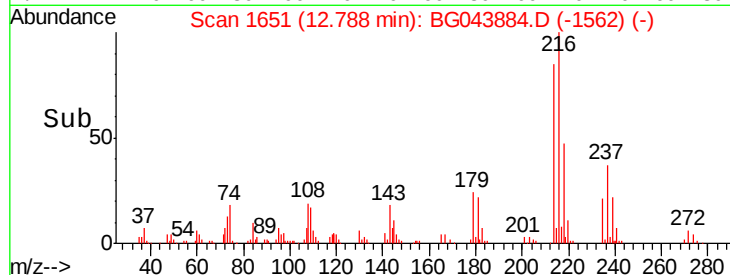


#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 7.109 ng
 RT: 12.79 min Scan# 1651
 Delta R.T. -0.01 min
 Lab File: BG043884.D
 Acq: 3 Jan 2020 12:12

Tot Ion:216	Resp:	76227	
Ion Ratio	Lower	Upper	
216	100		
214	80.1	63.8	95.8
179	21.8	17.3	25.9
108	19.0	15.3	22.9

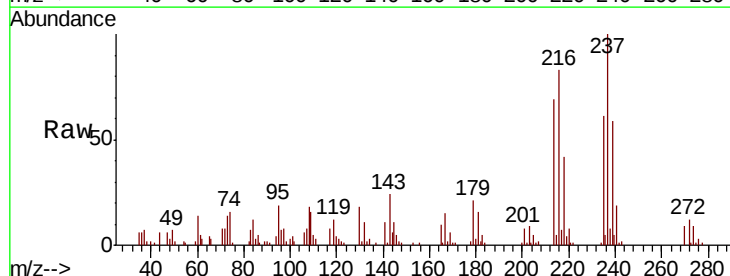


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

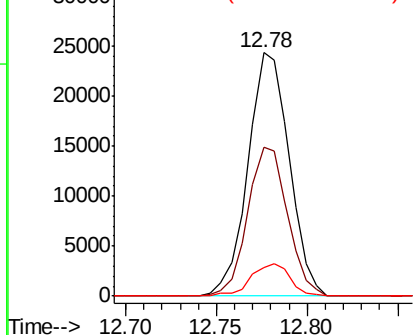
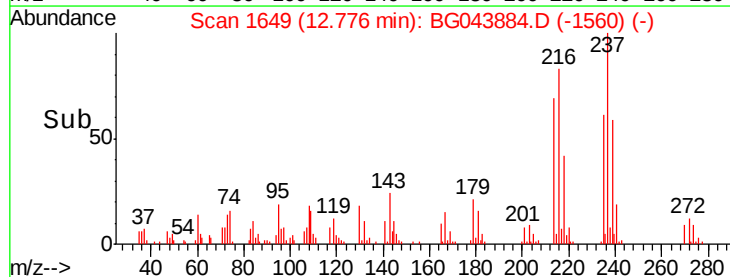


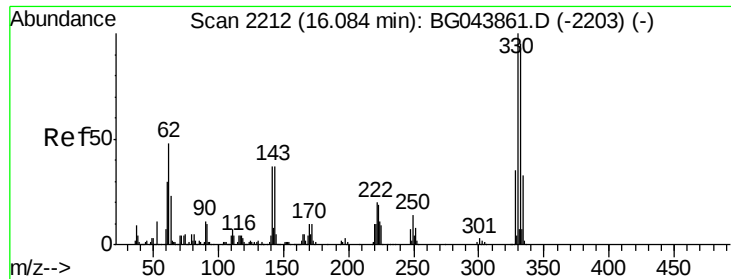
#41
 Hexachlorocyclopentadiene
 Concen: 6.922 ng
 RT: 12.78 min Scan# 1649
 Delta R.T. -0.01 min
 Lab File: BG043884.D
 Acq: 3 Jan 2020 12:12

Tgt	Ion:237	Resp:	38476
Ion	Ratio	Lower	Upper
237	100		
235	61.1	41.1	81.1
272	11.7	0.0	31.7



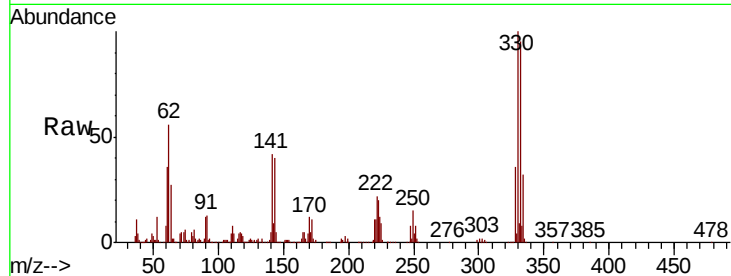
Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E



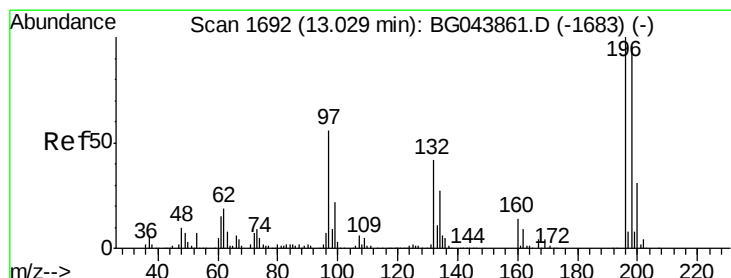
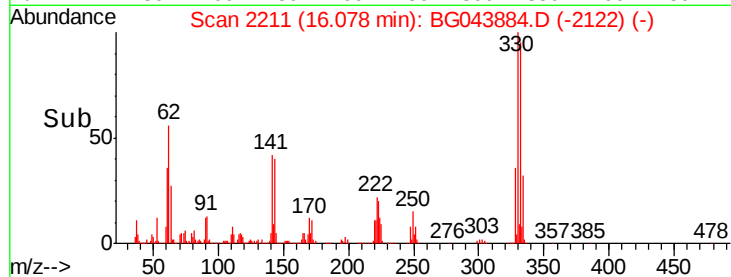
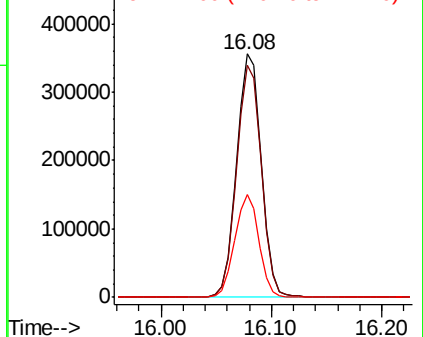


#42
 2,4,6-Tribromophenol
 Concen: 146.347 ng
 RT: 16.08 min Scan# 2211
 Delta R.T. -0.01 min
 Lab File: BG043884.D
 Acq: 3 Jan 2020 12:12

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.2	115.8
141	41.4	33.1	49.7

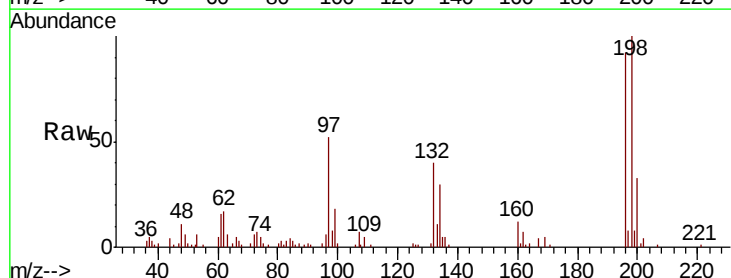


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

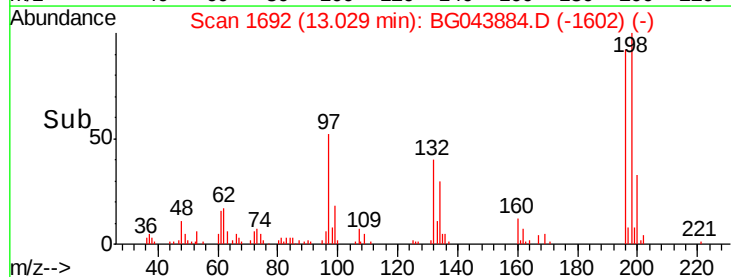
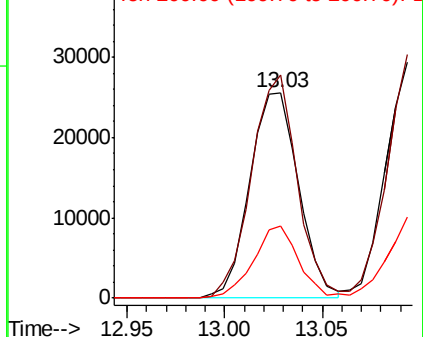


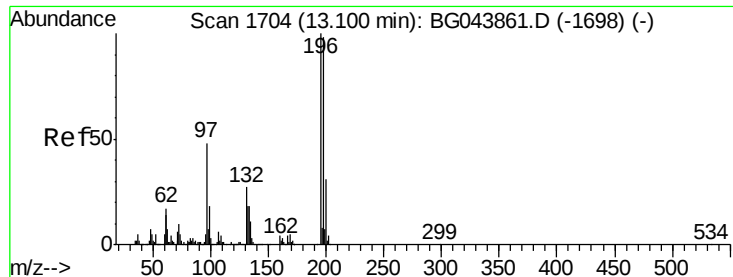
#43
 2,4,6-Trichlorophenol
 Concen: 6.021 ng
 RT: 13.03 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: BG043884.D
 Acq: 3 Jan 2020 12:12

Tgt Ion	Ratio	Lower	Upper
196	100		
198	108.4	76.6	115.0
200	35.4	24.6	37.0



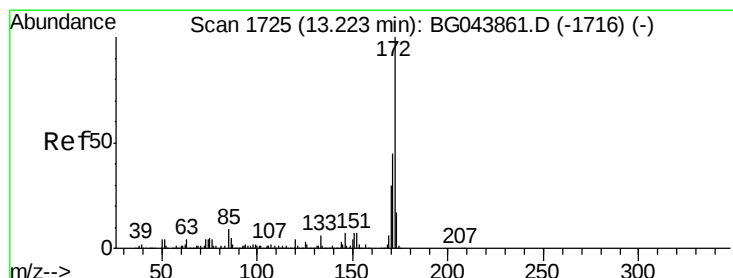
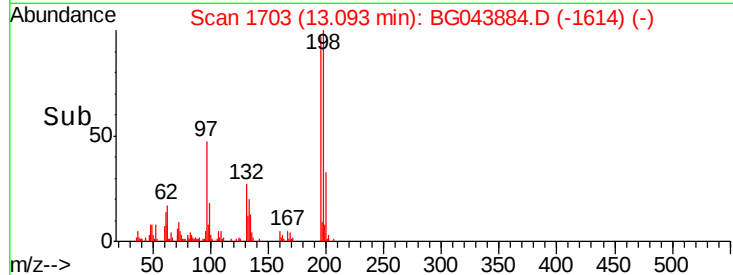
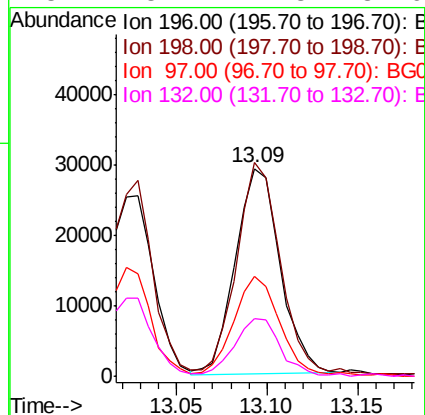
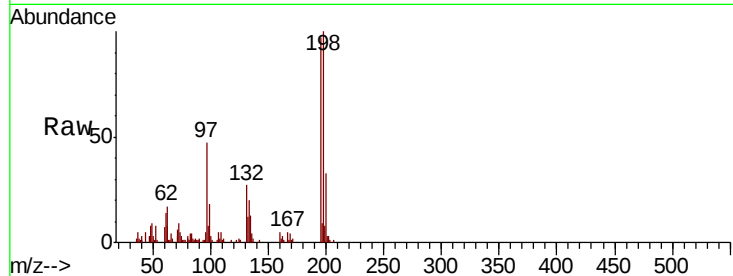
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





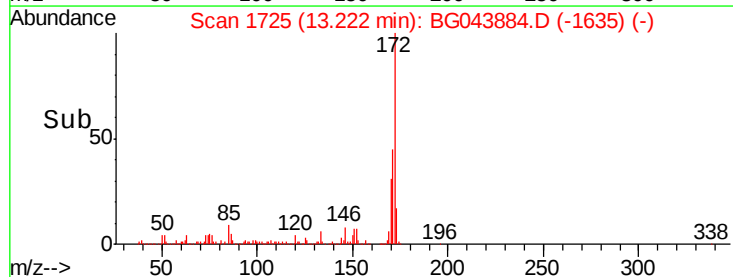
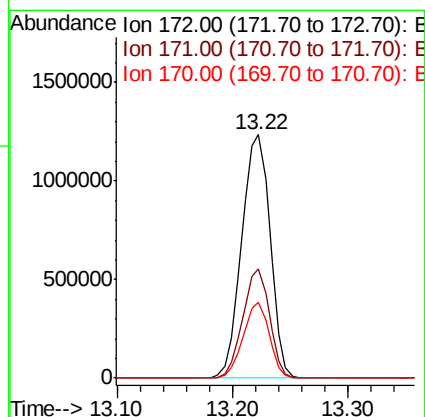
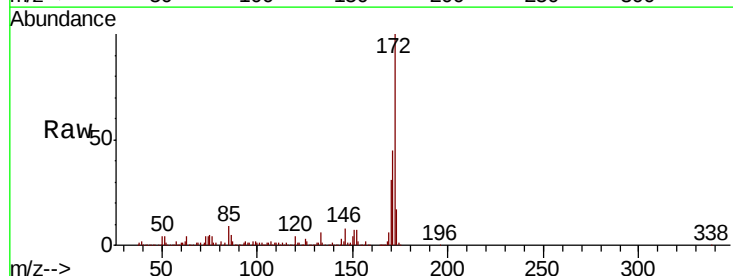
#44
2,4,5-Trichlorophenol
Concen: 6.571 ng
RT: 13.09 min Scan# 1703
Delta R.T. -0.01 min
Lab File: BG043884.D
Acq: 3 Jan 2020 12:12

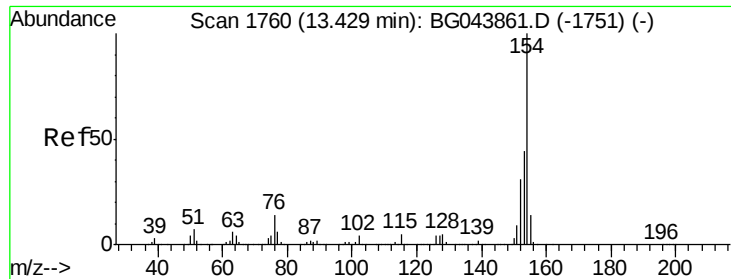
Tot Ion:	196	Resp:	49999
Ion	Ratio	Lower	Upper
196	100		
198	103.0	78.3	117.5
97	48.2	38.8	58.2
132	28.1	21.3	31.9



#45
2-Fluorobiphenyl
Concen: 104.592 ng
RT: 13.22 min Scan# 1725
Delta R.T. -0.00 min
Lab File: BG043884.D
Acq: 3 Jan 2020 12:12

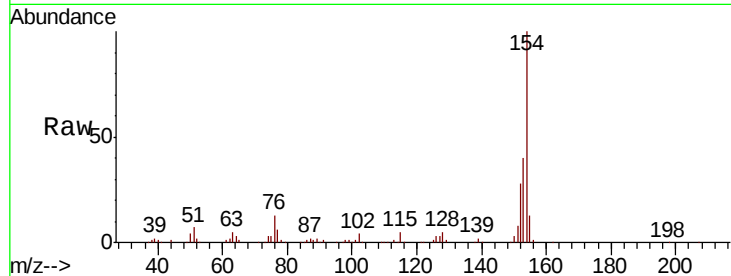
Tgt Ion:	172	Resp:	2111820
Ion	Ratio	Lower	Upper
172	100		
171	44.9	35.8	53.8
170	31.1	24.2	36.4



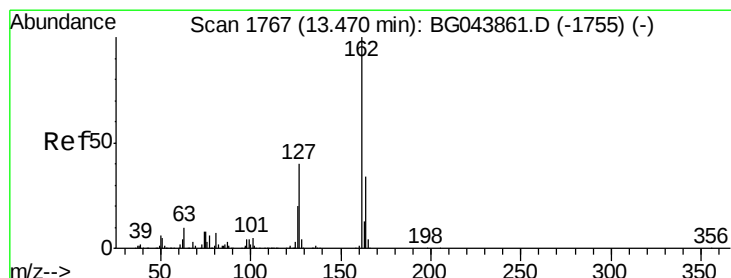
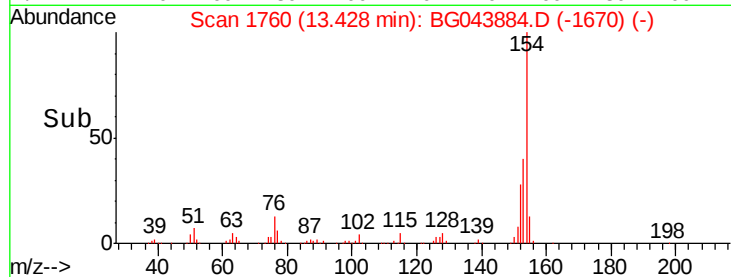
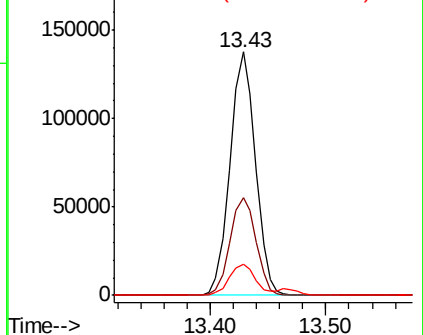


#46
 1,1'-Biphenyl
 Concen: 8.004 ng
 RT: 13.43 min Scan# 1760
 Delta R.T. -0.00 min
 Lab File: BG043884.D
 Acq: 3 Jan 2020 12:12

Tot Ion:	154	Resp:	209928
Ion	Ratio	Lower	Upper
154	100		
153	40.2	23.6	63.6
76	12.7	0.0	34.4

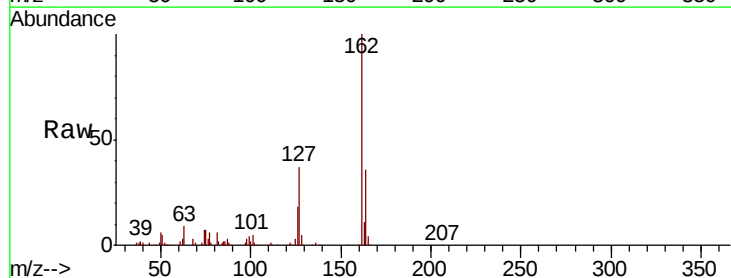


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

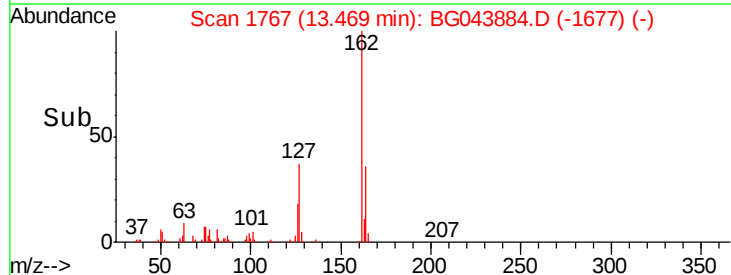
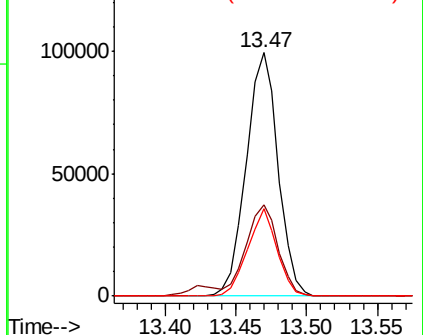


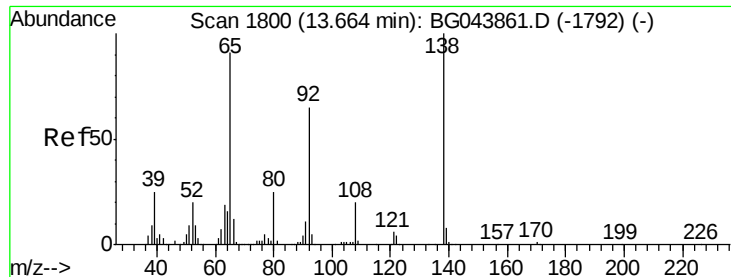
#47
 2-Chloronaphthalene
 Concen: 7.430 ng
 RT: 13.47 min Scan# 1767
 Delta R.T. -0.00 min
 Lab File: BG043884.D
 Acq: 3 Jan 2020 12:12

Tgt Ion:	162	Resp:	157465
Ion	Ratio	Lower	Upper
162	100		
127	37.3	32.1	48.1
164	35.9	27.5	41.3



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#48

2-Nitroaniline

Concen: 5.783 ng

RT: 13.66 min Scan# 1799

Delta R.T. -0.01 min

Lab File: BG043884.D

Acq: 3 Jan 2020 12:12

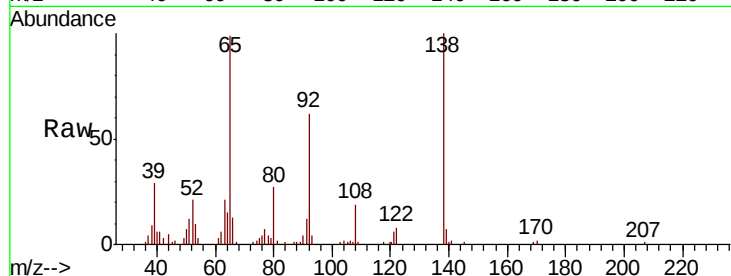
Tot Ion: 65 Resp: 39427

Ion	Ratio	Lower	Upper
65	100		
92	62.4	57.4	86.2
138	101.4	88.2	132.4

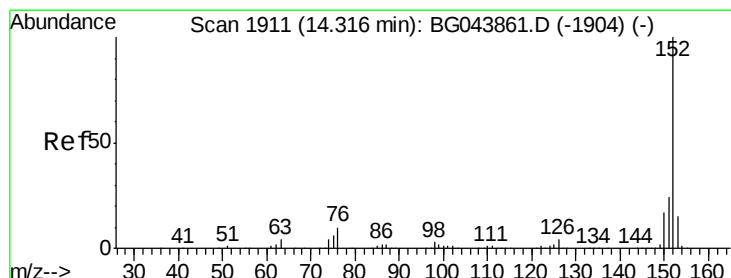
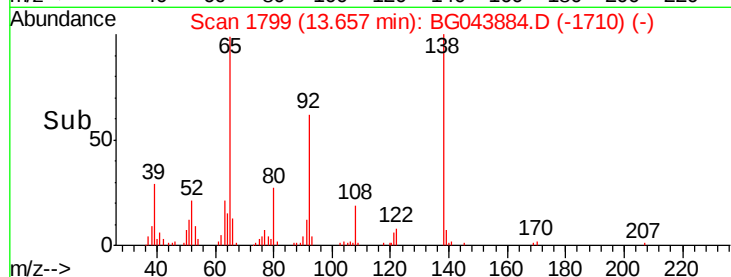
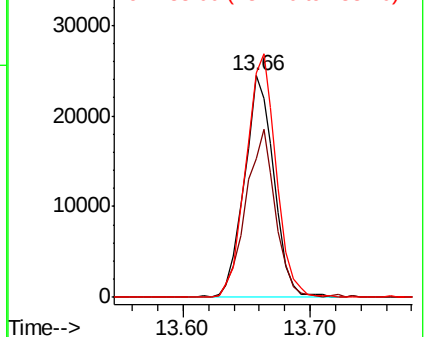
65 100

92 62.4 57.4 86.2

138 101.4 88.2 132.4



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#49

Acenaphthylene

Concen: 8.465 ng

RT: 14.32 min Scan# 1911

Delta R.T. -0.00 min

Lab File: BG043884.D

Acq: 3 Jan 2020 12:12

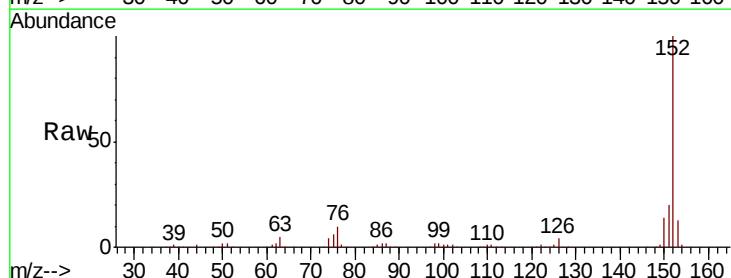
Tgt Ion: 152 Resp: 257863

Ion	Ratio	Lower	Upper
152	100		
151	20.1	19.4	29.2
153	12.6	12.0	18.0

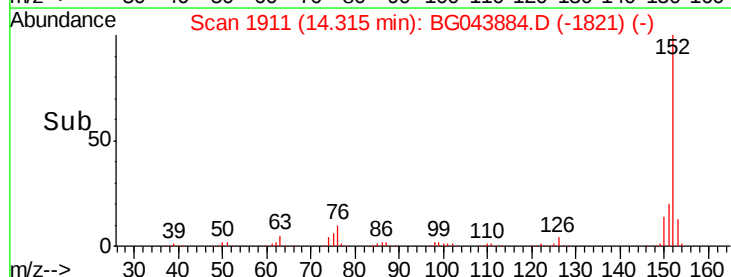
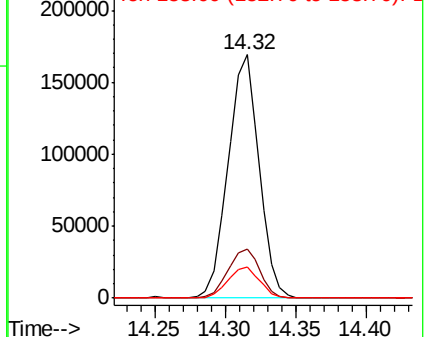
152 100

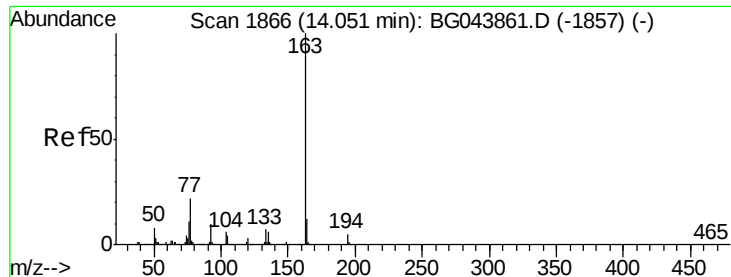
151 20.1 19.4 29.2

153 12.6 12.0 18.0



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





#50

Dimethylphthalate

Concen: 8.306 ng

RT: 14.05 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BG043884.D

Acq: 3 Jan 2020 12:12

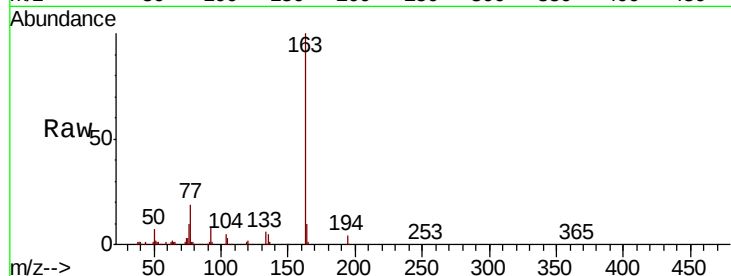
Tot Ion:163 Resp: 215747

Ion Ratio Lower Upper

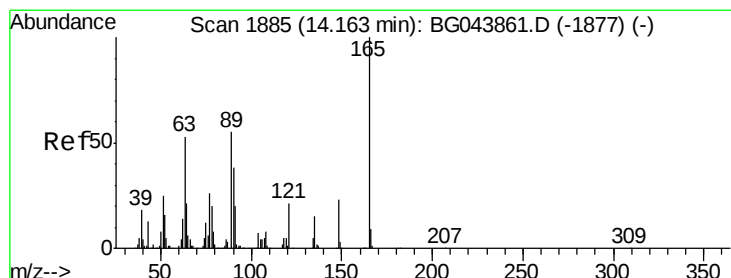
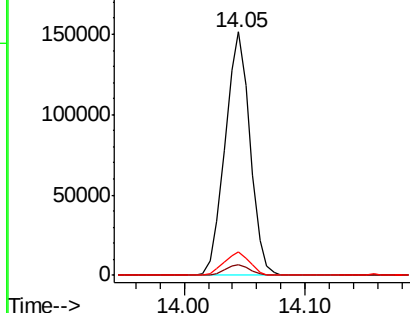
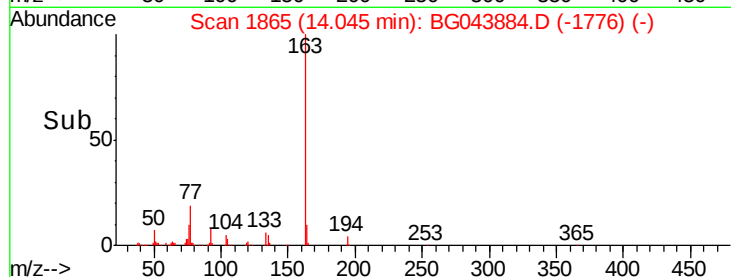
163 100

194 4.3 3.7 5.5

164 9.8 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 7.230 ng

RT: 14.16 min Scan# 1884

Delta R.T. -0.01 min

Lab File: BG043884.D

Acq: 3 Jan 2020 12:12

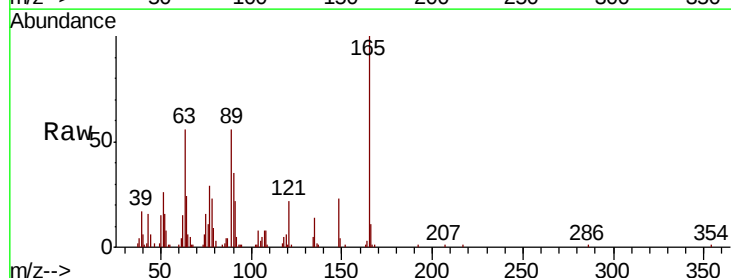
Tgt Ion:165 Resp: 42446

Ion Ratio Lower Upper

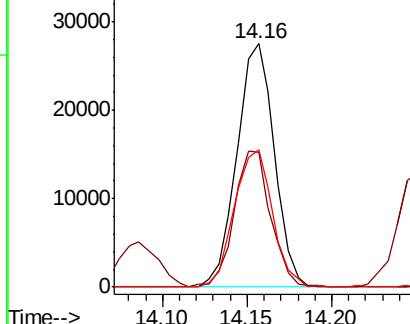
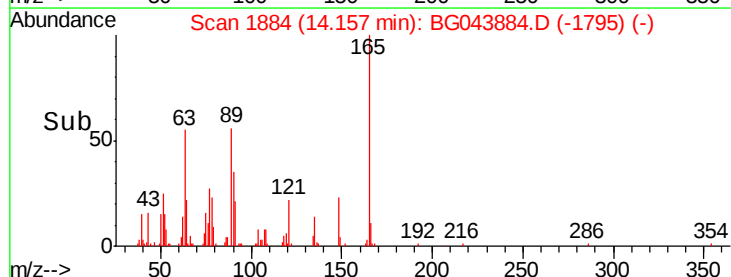
165 100

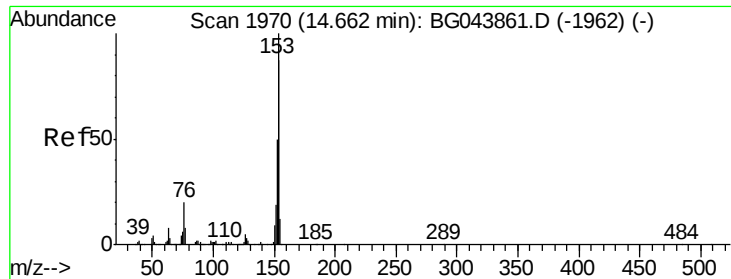
63 55.6 43.1 64.7

89 56.3 43.8 65.6



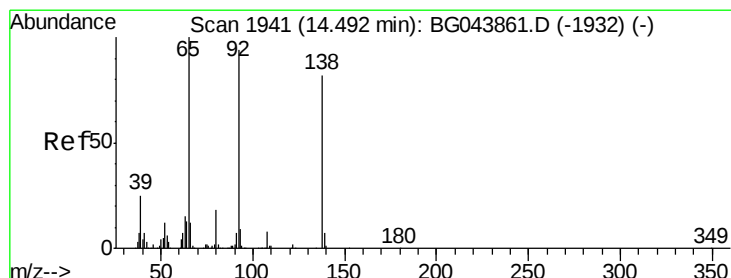
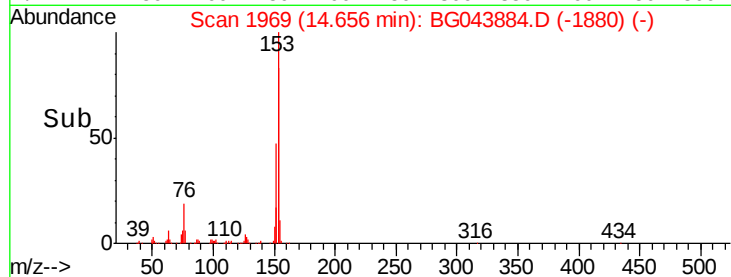
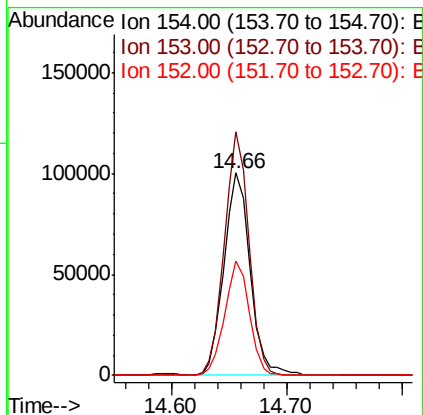
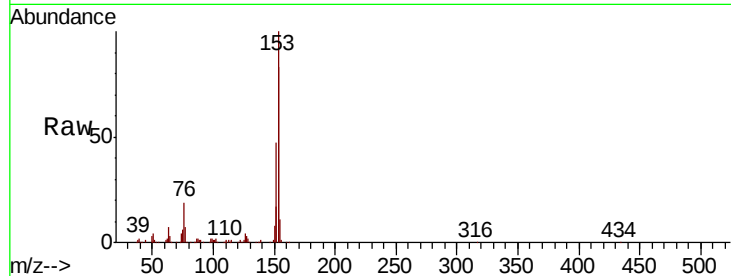
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG0
Ion 89.00 (88.70 to 89.70): BG0





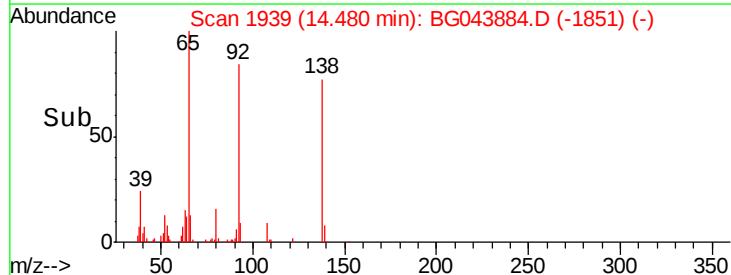
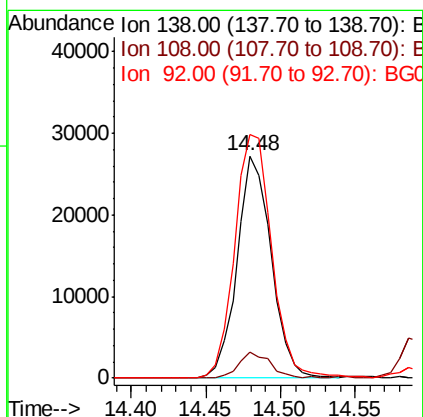
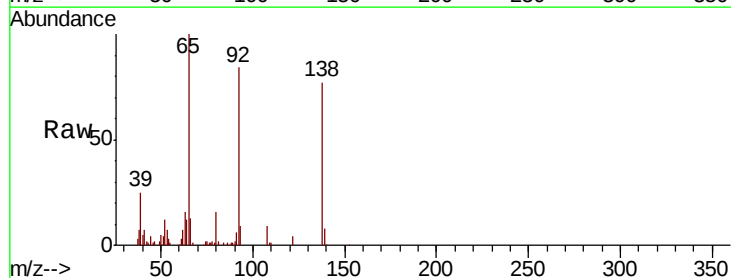
#52
Acenaphthene
Concen: 7.424 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG043884.D
Acq: 3 Jan 2020 12:12

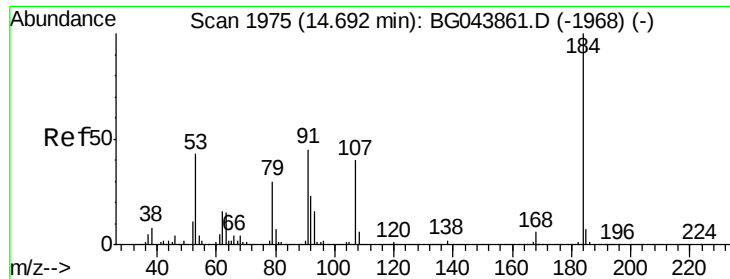
Tot Ion:154 Resp: 158598
Ion Ratio Lower Upper
154 100
153 120.3 91.6 137.4
152 56.4 45.4 68.0



#53
3-Nitroaniline
Concen: 6.476 ng
RT: 14.48 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BG043884.D
Acq: 3 Jan 2020 12:12

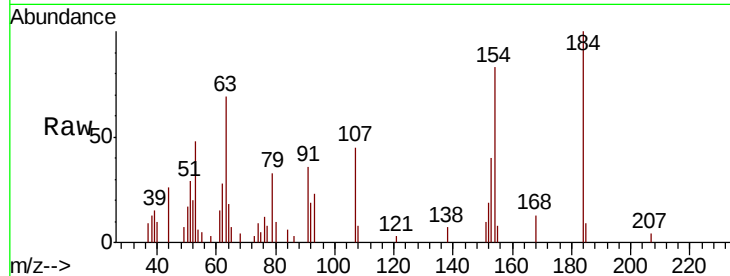
Tgt Ion:138 Resp: 43175
Ion Ratio Lower Upper
138 100
108 11.7 7.4 11.2#
92 109.7 92.1 138.1



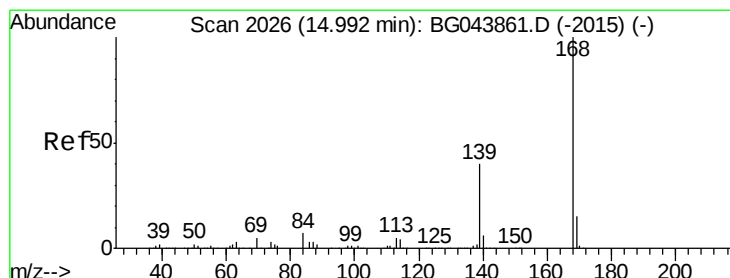
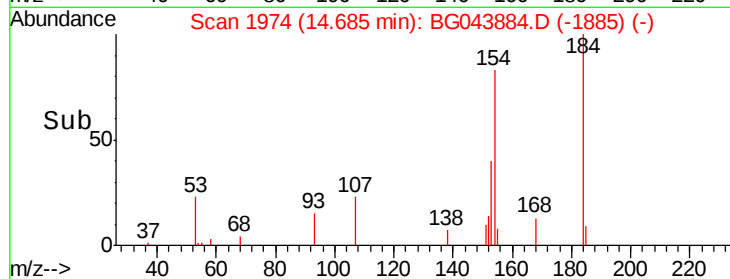
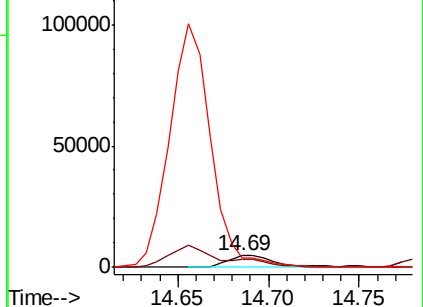


#54
 2,4-Dinitrophenol
 Concen: 3.335 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.01 min
 Lab File: BG043884.D
 Acq: 3 Jan 2020 12:12

Tot Ion:184 Resp: 8826
 Ion Ratio Lower Upper
 184 100
 63 69.2 46.6 70.0
 154 83.1 50.2 75.4#

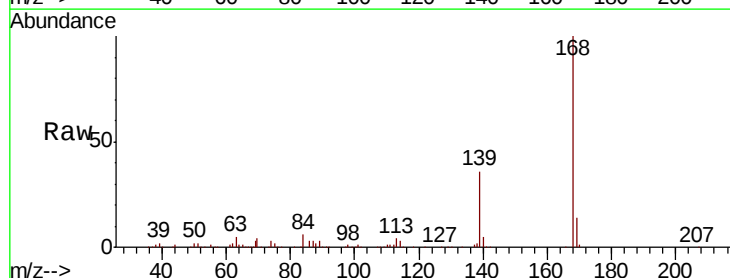


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

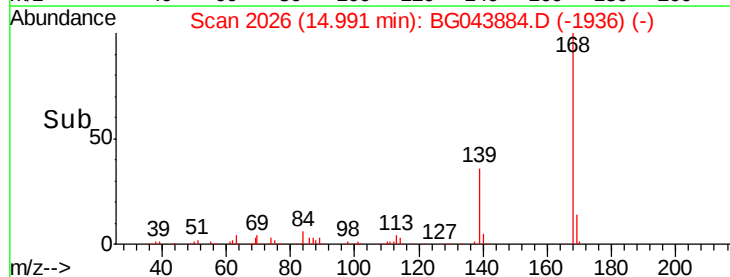
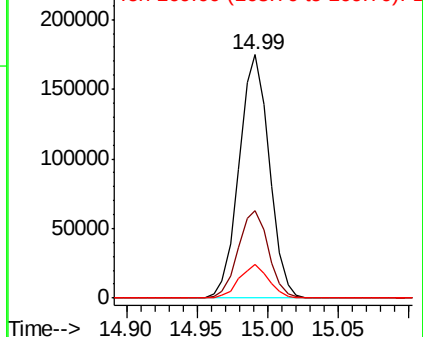


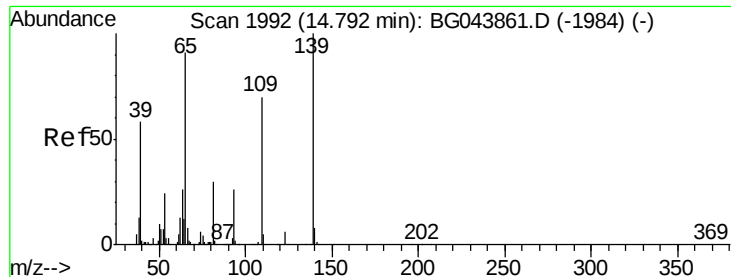
#55
 Dibenzofuran
 Concen: 8.861 ng
 RT: 14.99 min Scan# 2026
 Delta R.T. -0.00 min
 Lab File: BG043884.D
 Acq: 3 Jan 2020 12:12

Tgt Ion:168 Resp: 260597
 Ion Ratio Lower Upper
 168 100
 139 36.2 32.2 48.2
 169 13.8 12.2 18.2



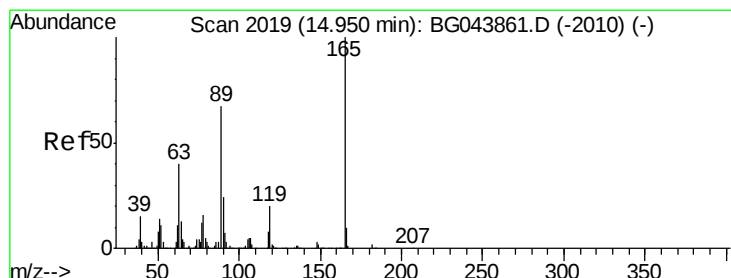
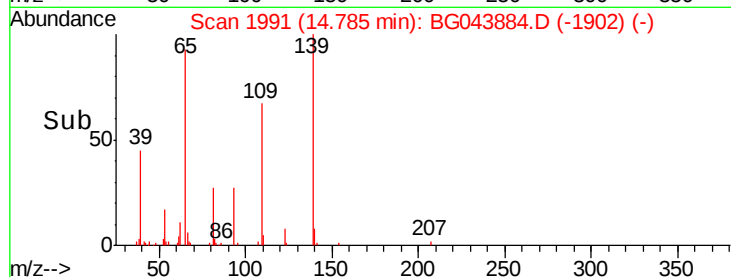
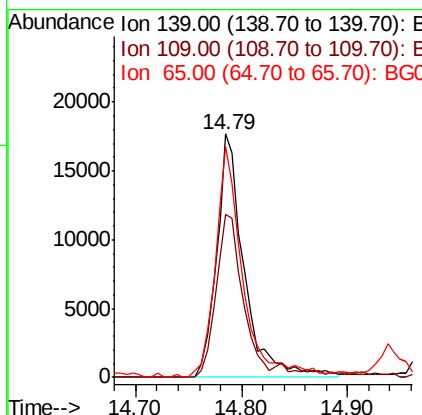
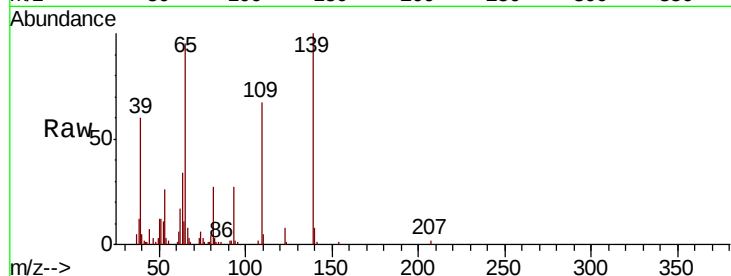
Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





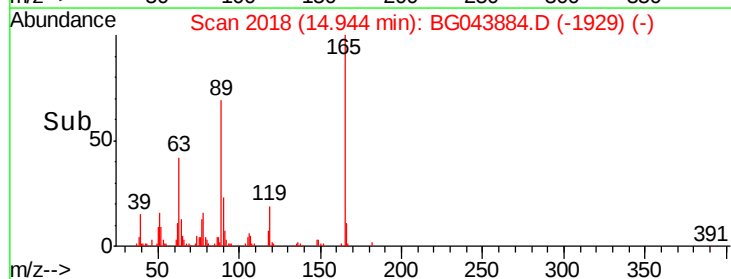
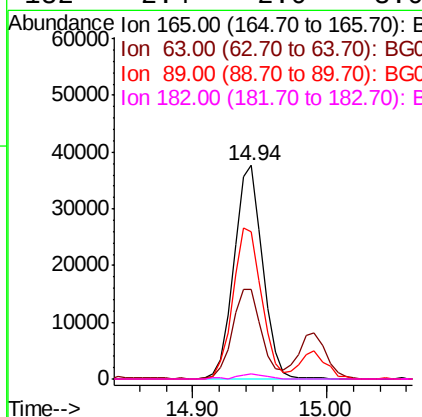
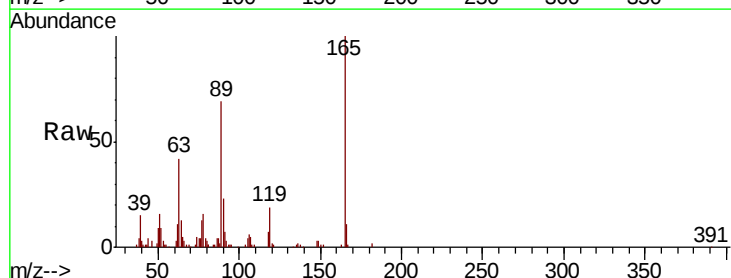
#56
4-Nitrophenol
Concen: 6.262 ng
RT: 14.79 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BG043884.D
Acq: 3 Jan 2020 12:12

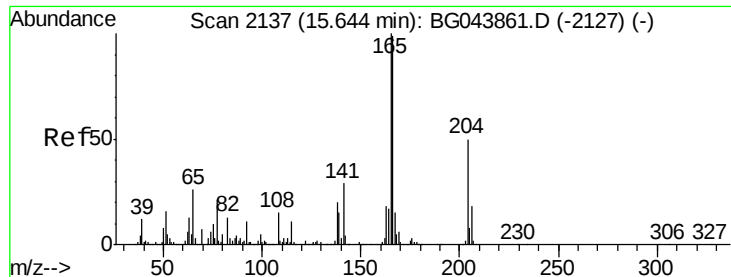
Tot Ion:139 Resp: 31989
Ion Ratio Lower Upper
139 100
109 67.1 50.4 90.4
65 95.0 71.4 111.4



#57
2,4-Dinitrotoluene
Concen: 6.993 ng
RT: 14.94 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BG043884.D
Acq: 3 Jan 2020 12:12

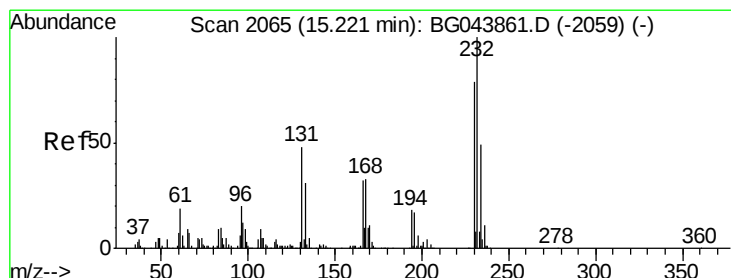
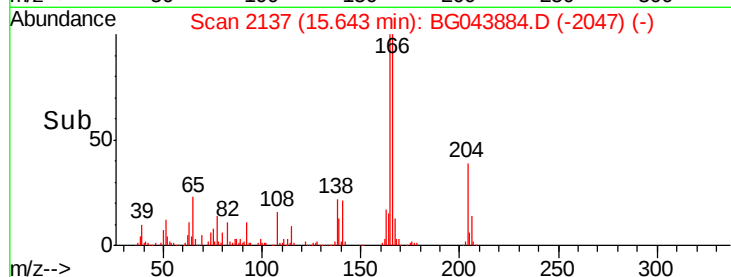
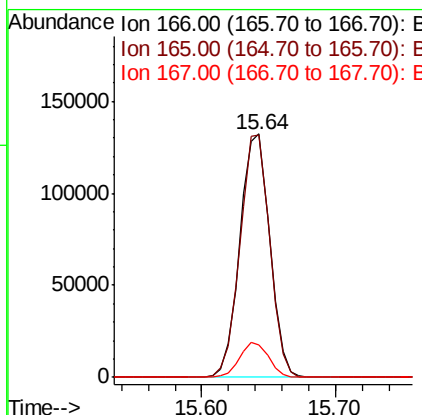
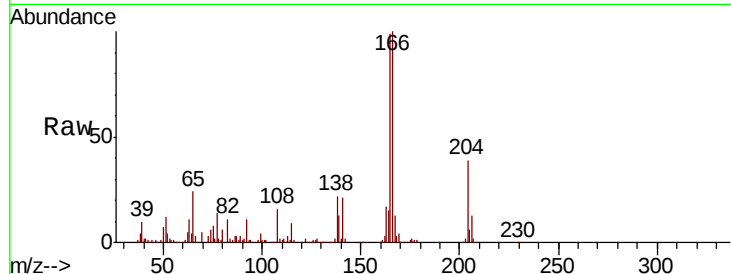
Tgt Ion:165 Resp: 55863
Ion Ratio Lower Upper
165 100
63 41.9 31.9 47.9
89 68.8 53.8 80.6
182 2.4 2.0 3.0





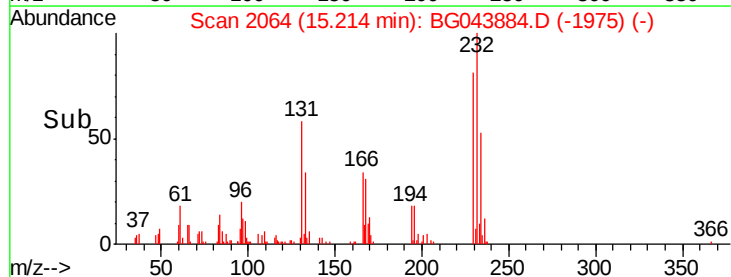
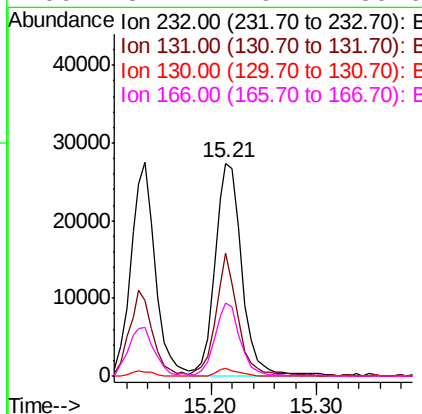
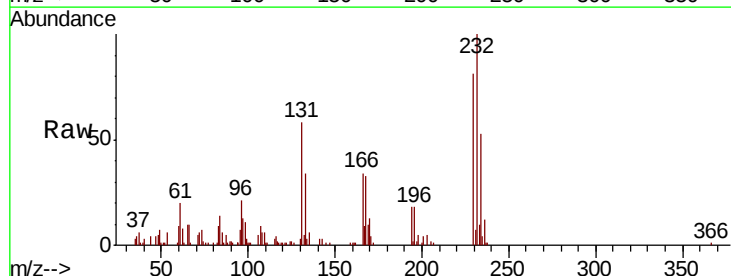
#58
 Fluorene
 Concen: 8.754 ng
 RT: 15.64 min Scan# 2137
 Delta R.T. -0.00 min
 Lab File: BG043884.D
 Acq: 3 Jan 2020 12:12

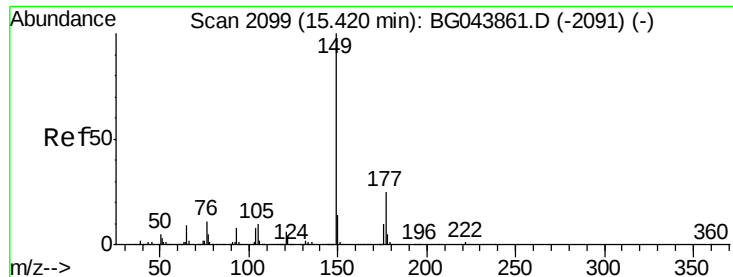
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.3	80.8	121.2
167	13.3	12.1	18.1



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 7.443 ng
 RT: 15.21 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: BG043884.D
 Acq: 3 Jan 2020 12:12

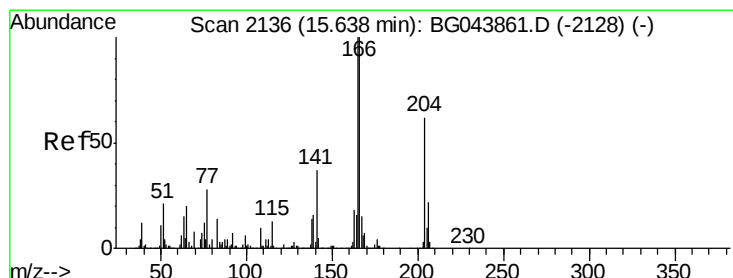
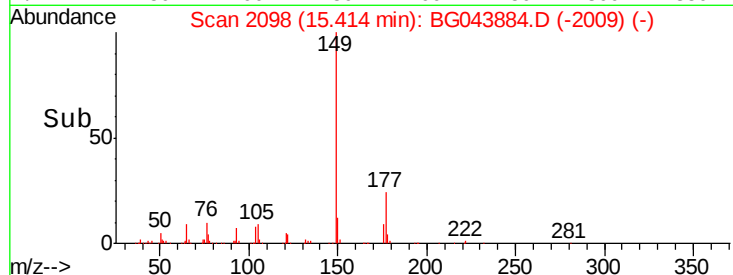
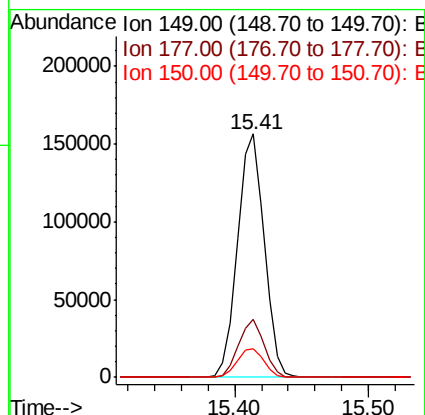
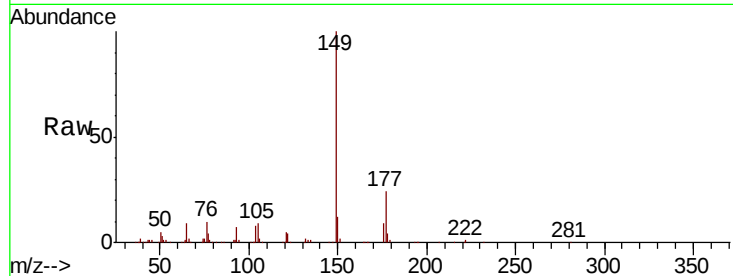
Tgt Ion	Ratio	Lower	Upper
232	100		
131	47.9	38.2	57.2
130	2.6	2.2	3.2
166	32.1	26.4	39.6





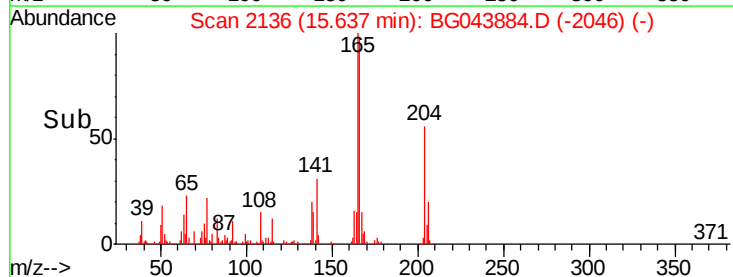
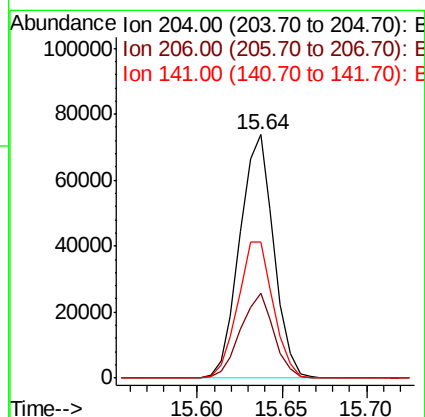
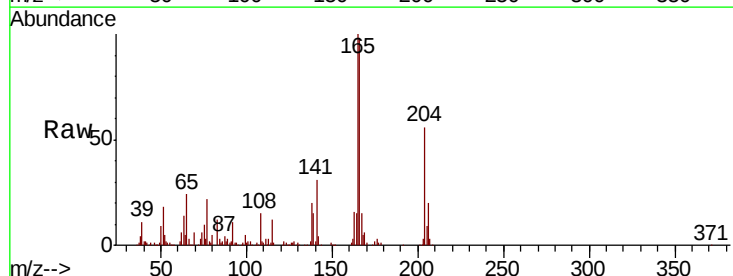
#60
Diethylphthalate
Concen: 8.344 ng
RT: 15.41 min Scan# 2098
Delta R.T. -0.01 min
Lab File: BG043884.D
Acq: 3 Jan 2020 12:12

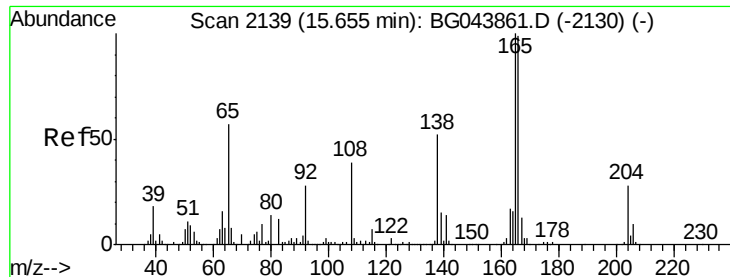
Tot Ion	Ratio	Lower	Upper
149	100		
177	23.9	20.0	30.0
150	11.9	11.1	16.7



#61
4-Chlorophenyl-phenylether
Concen: 8.154 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BG043884.D
Acq: 3 Jan 2020 12:12

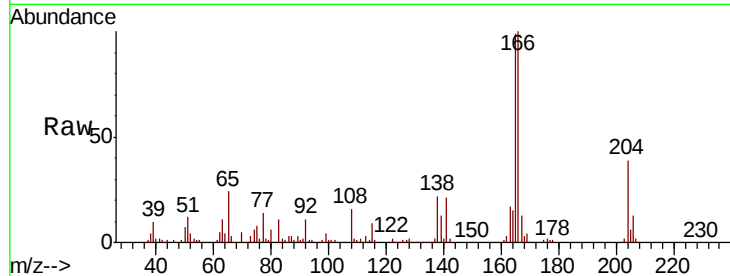
Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.9	28.2	42.2
141	55.8	48.2	72.2



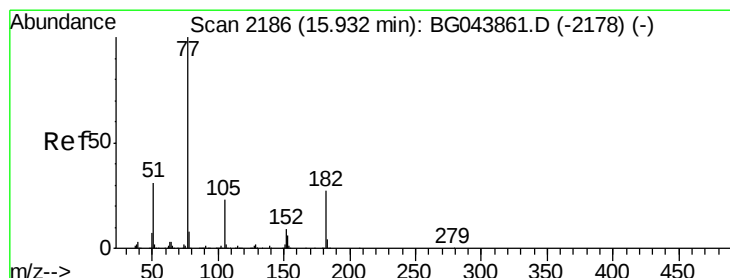
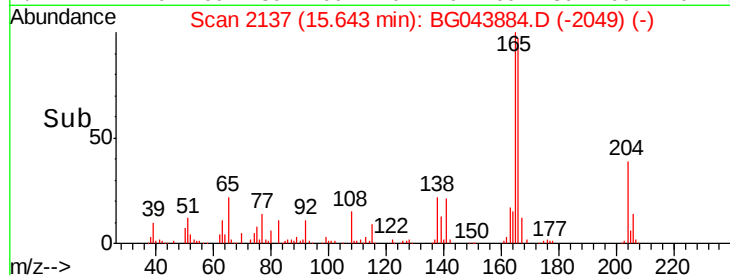
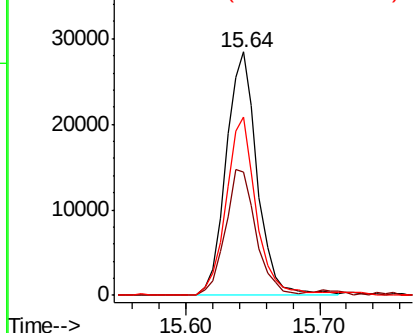


#62
4-Nitroaniline
Concen: 7.033 ng
RT: 15.64 min Scan# 2137
Delta R.T. -0.01 min
Lab File: BG043884.D
Acq: 3 Jan 2020 12:12

Tot Ion: 138 Resp: 46305
Ion Ratio Lower Upper
138 100
92 50.4 34.3 74.3
108 73.1 55.0 95.0

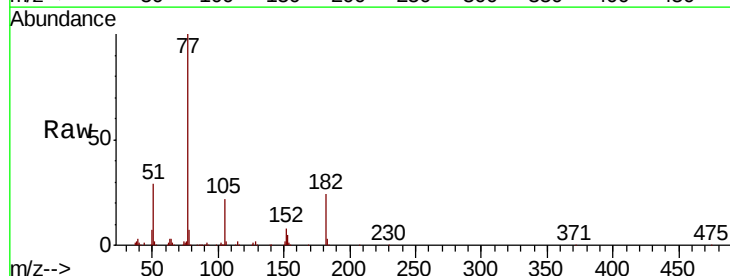


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E

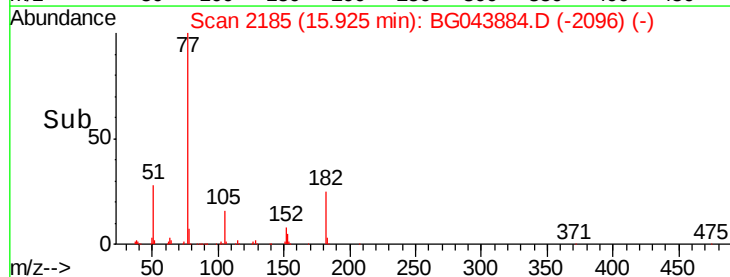
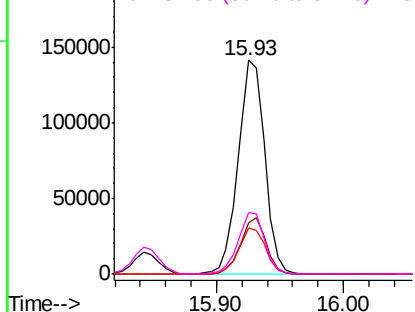


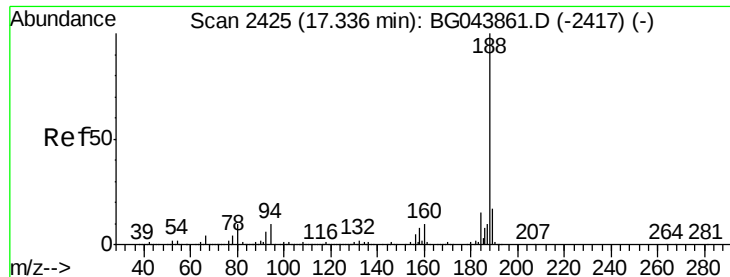
#63
Azobenzene
Concen: 8.461 ng
RT: 15.93 min Scan# 2185
Delta R.T. -0.01 min
Lab File: BG043884.D
Acq: 3 Jan 2020 12:12

Tgt Ion: 77 Resp: 203856
Ion Ratio Lower Upper
77 100
182 24.1 7.3 47.3
105 21.8 3.2 43.2
51 29.0 10.6 50.6



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.34 min Scan# 2425

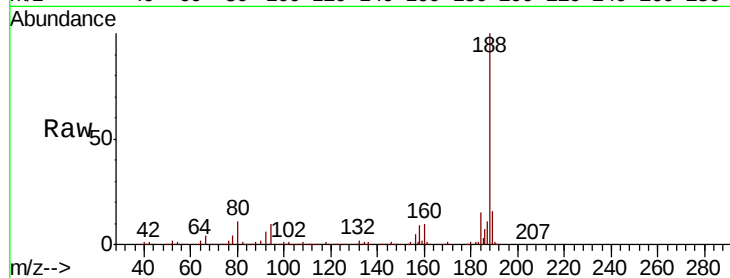
Delta R.T. -0.00 min

Lab File: BG043884.D

Acq: 3 Jan 2020 12:12

Tot Ion:188 Resp: 810679

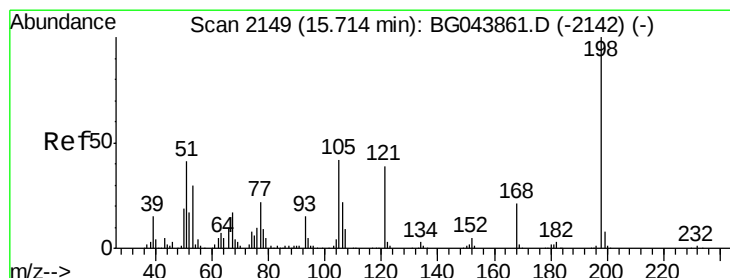
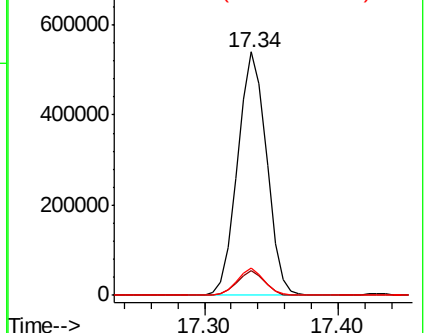
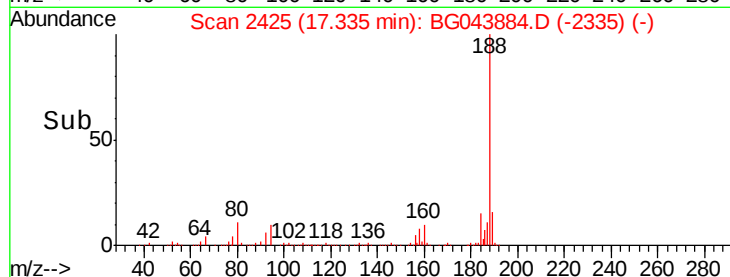
Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.9	11.9
80	11.2	8.2	12.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG043884.D (-2335) (-)

Ion 80.00 (79.70 to 80.70): BG043884.D (-2335) (-)



#65

4,6-Dinitro-2-methylphenol

Concen: 5.139 ng

RT: 15.71 min Scan# 2148

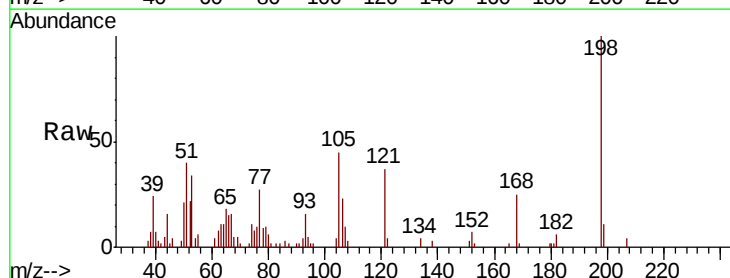
Delta R.T. -0.01 min

Lab File: BG043884.D

Acq: 3 Jan 2020 12:12

Tgt Ion:198 Resp: 20260

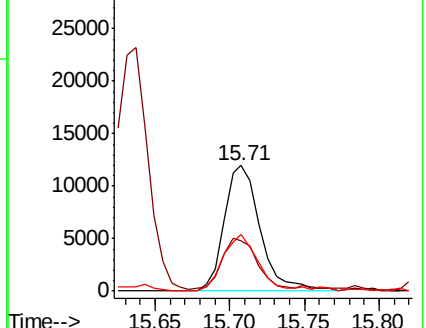
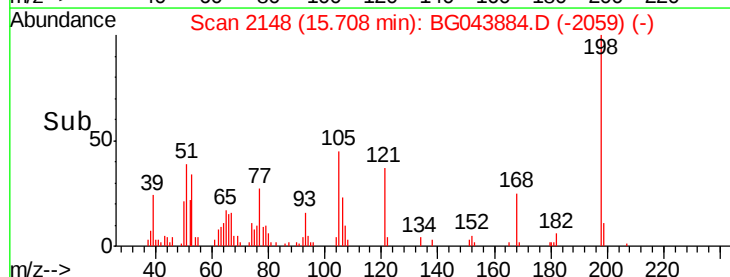
Ion	Ratio	Lower	Upper
198	100		
51	40.3	22.5	62.5
105	45.1	22.3	62.3

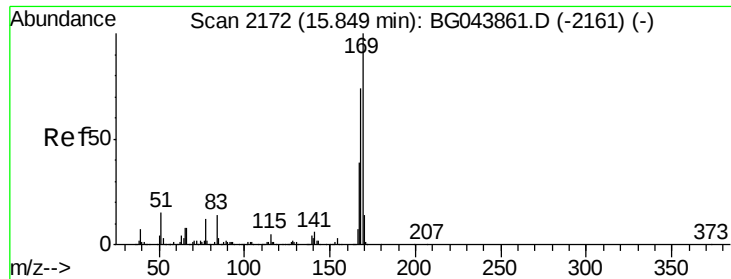


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG043884.D (-2059) (-)

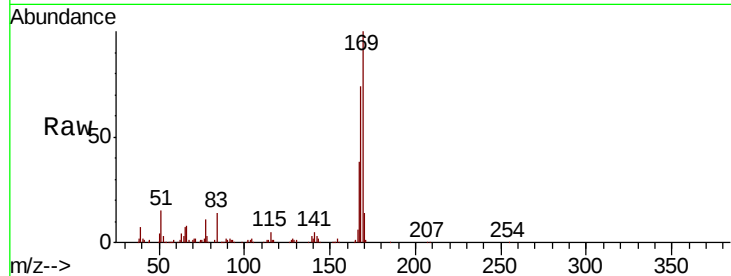
Ion 105.00 (104.70 to 105.70): BG043884.D (-2059) (-)





#66
 n-Nitrosodiphenylamine
 Concen: 7.488 ng
 RT: 15.84 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BG043884.D
 Acq: 3 Jan 2020 12:12

Tot Ion	Ratio	Lower	Upper
169	100		
168	73.7	59.0	88.6
167	38.0	31.4	47.0

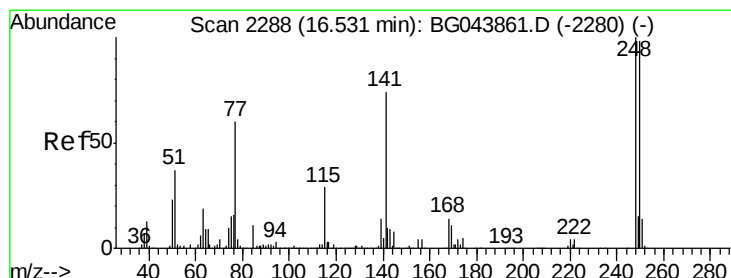
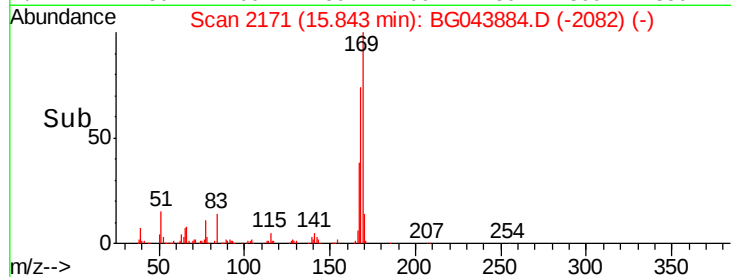
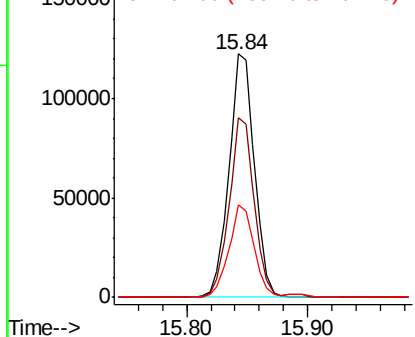


Abundance

Ion 169.00 (168.70 to 169.70): E

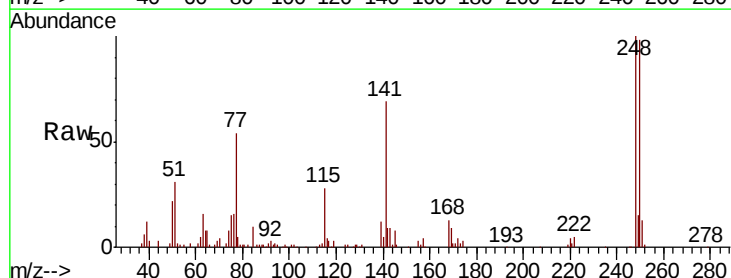
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#67
 4-Bromophenyl-phenylether
 Concen: 6.927 ng
 RT: 16.53 min Scan# 2288
 Delta R.T. -0.00 min
 Lab File: BG043884.D
 Acq: 3 Jan 2020 12:12

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.3	78.2	117.2
141	68.8	59.3	88.9

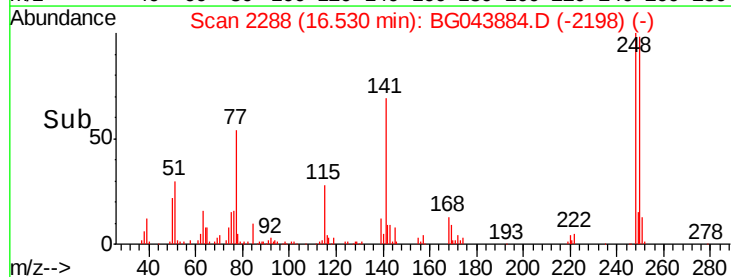
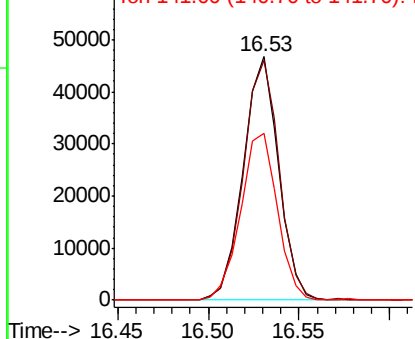


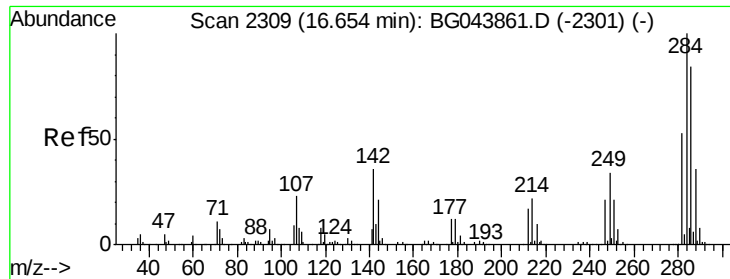
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

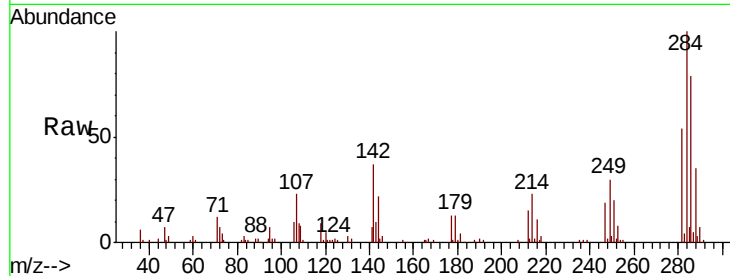
Ion 141.00 (140.70 to 141.70): E



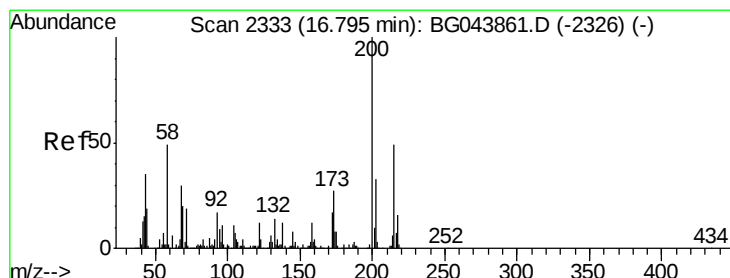
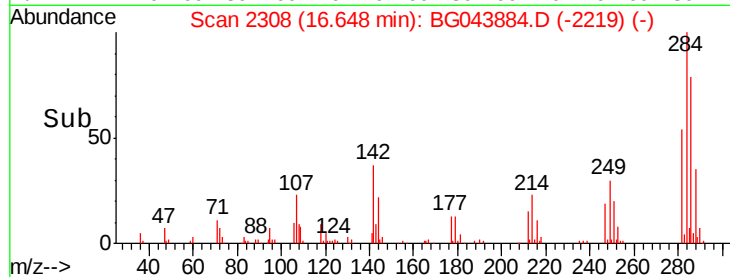
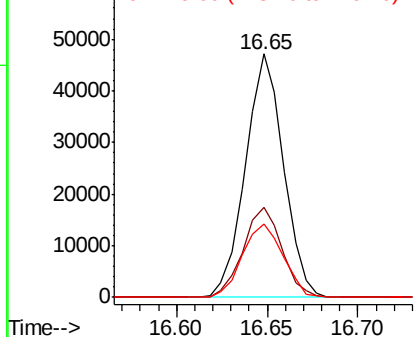


#68
Hexachlorobenzene
Concen: 6.970 ng
RT: 16.65 min Scan# 2308
Delta R.T. -0.01 min
Lab File: BG043884.D
Acq: 3 Jan 2020 12:12

Tot Ion:284 Resp: 68478
Ion Ratio Lower Upper
284 100
142 36.8 28.6 43.0
249 29.9 27.0 40.6

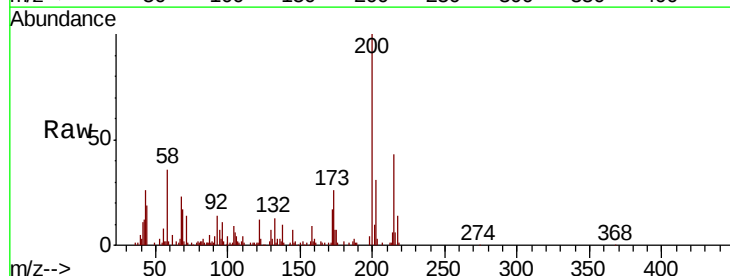


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

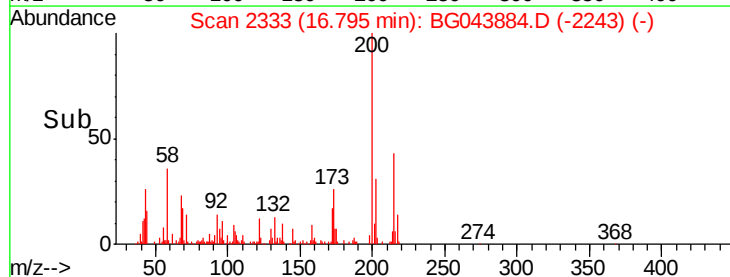
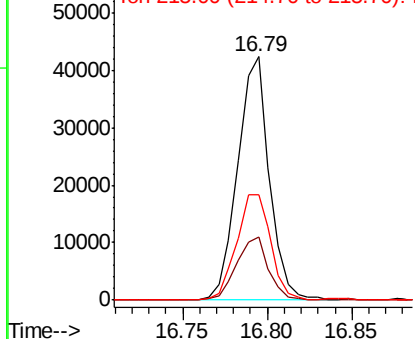


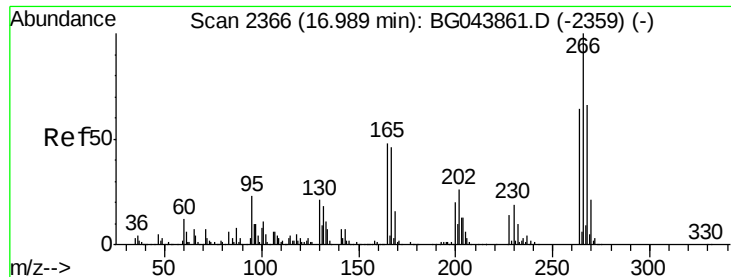
#69
Atrazine
Concen: 7.115 ng
RT: 16.79 min Scan# 2333
Delta R.T. -0.00 min
Lab File: BG043884.D
Acq: 3 Jan 2020 12:12

Tgt Ion:200 Resp: 55212
Ion Ratio Lower Upper
200 100
173 26.1 6.6 46.6
215 43.3 28.6 68.6



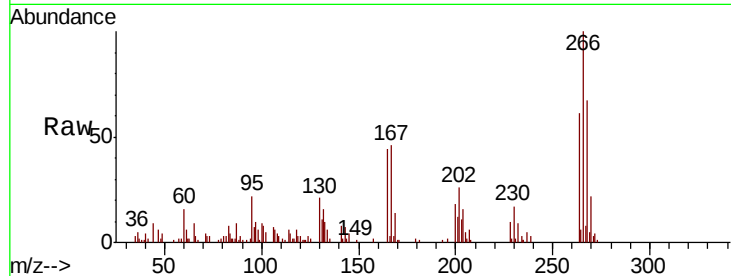
Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#70
 Pentachlorophenol
 Concen: 4.680 ng
 RT: 16.99 min Scan# 2366
 Delta R.T. -0.00 min
 Lab File: BG043884.D
 Acq: 3 Jan 2020 12:12

Tot Ion	Ratio	Lower	Upper
266	100		
268	67.2	52.6	79.0
264	66.8	50.8	76.2

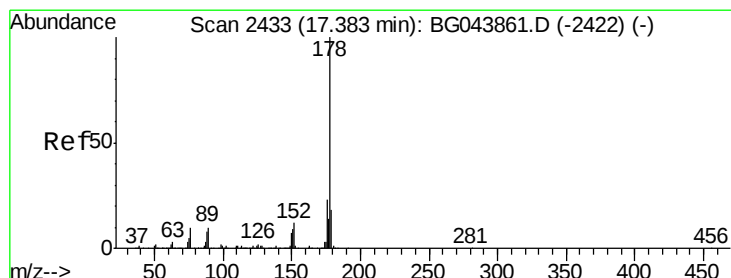
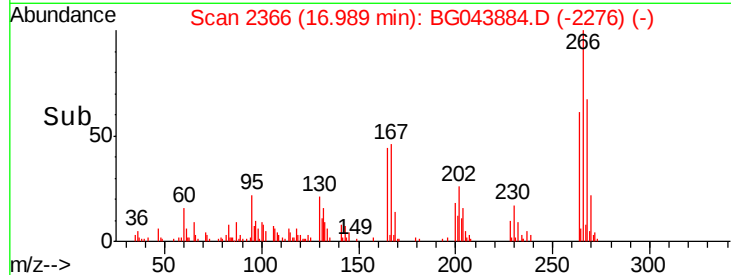
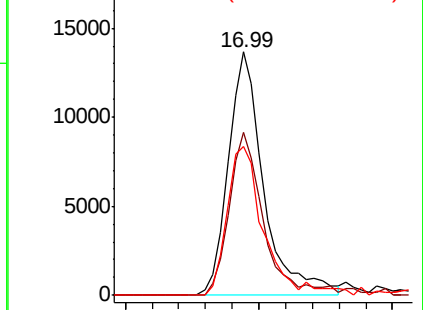


Abundance

Ion 265.70 (265.40 to 266.40): E

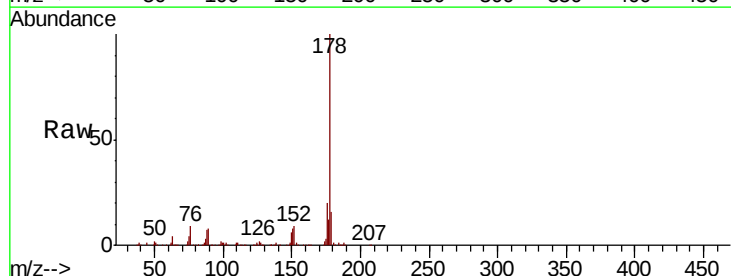
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#71
 Phenanthrene
 Concen: 8.422 ng
 RT: 17.38 min Scan# 2432
 Delta R.T. -0.01 min
 Lab File: BG043884.D
 Acq: 3 Jan 2020 12:12

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	18.6	28.0
179	16.1	14.4	21.6

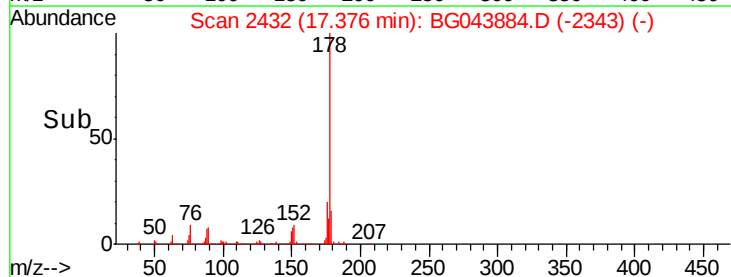
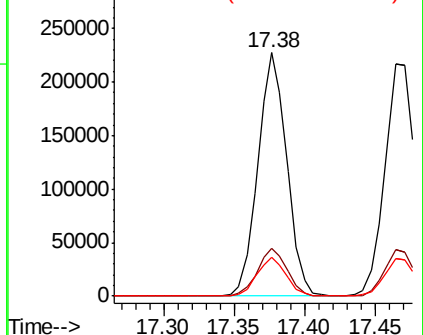


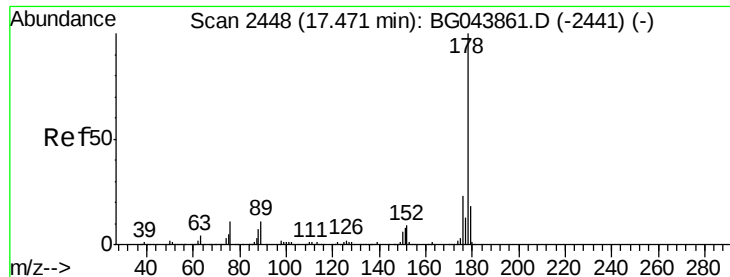
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 8.587 ng

RT: 17.46 min Scan# 2447

Delta R.T. -0.01 min

Lab File: BG043884.D

Acq: 3 Jan 2020 12:12

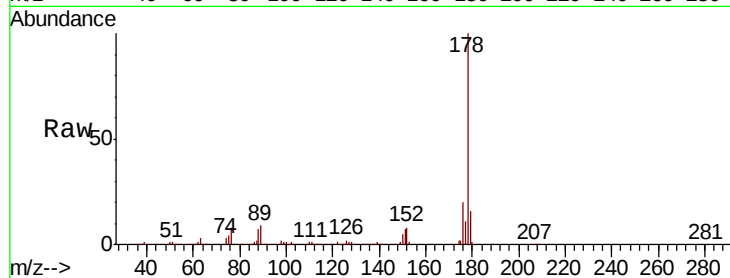
Tot Ion:178 Resp: 330006

Ion Ratio Lower Upper

178 100

176 20.0 18.3 27.5

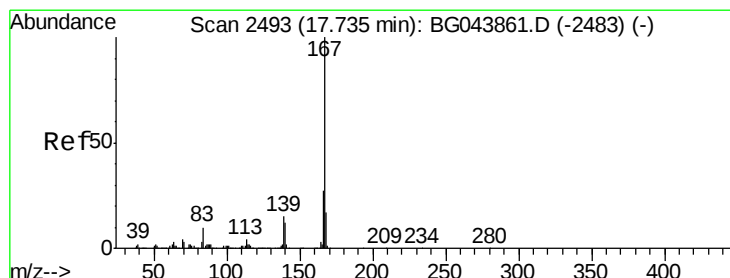
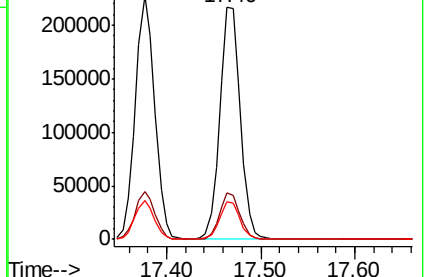
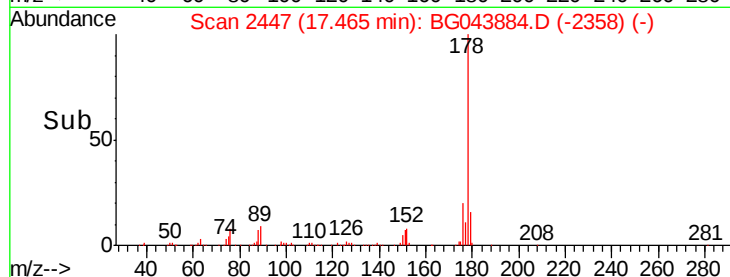
179 16.0 14.6 22.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 8.176 ng

RT: 17.73 min Scan# 2493

Delta R.T. -0.00 min

Lab File: BG043884.D

Acq: 3 Jan 2020 12:12

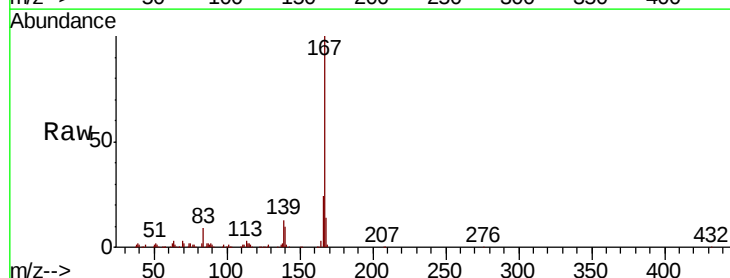
Tgt Ion:167 Resp: 290225

Ion Ratio Lower Upper

167 100

166 23.7 21.6 32.4

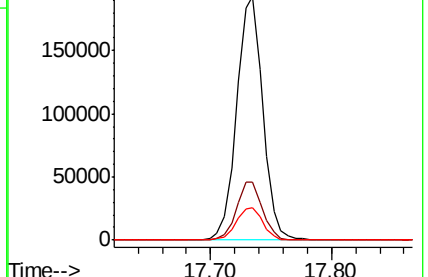
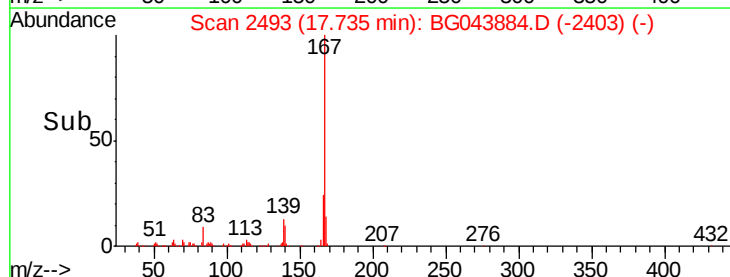
139 13.3 12.1 18.1

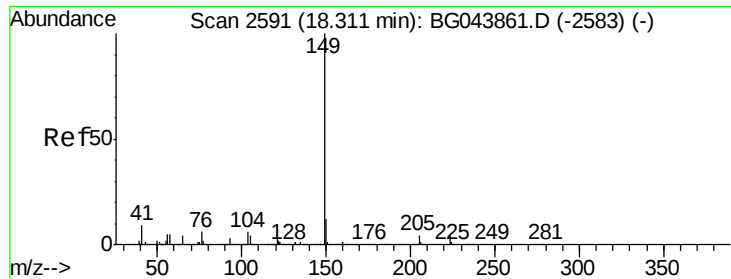


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 7.724 ng

RT: 18.30 min Scan# 2590

Delta R.T. -0.01 min

Lab File: BG043884.D

Acq: 3 Jan 2020 12:12

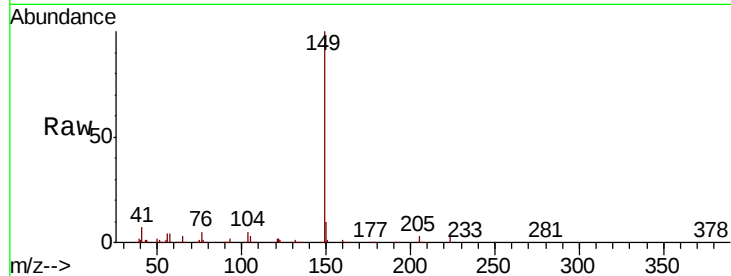
Tot Ion:149 Resp: 350062

Ion Ratio Lower Upper

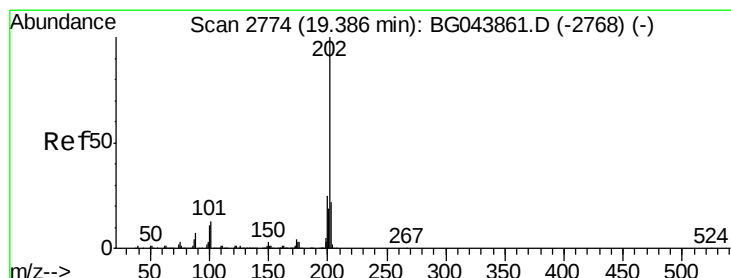
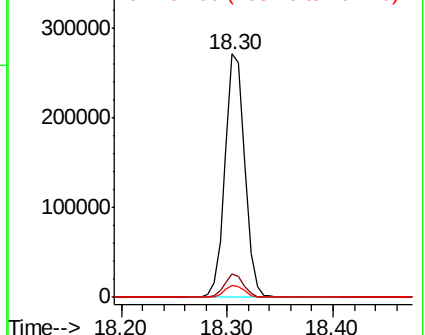
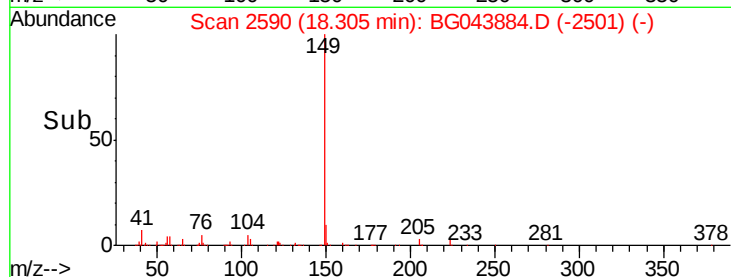
149 100

150 9.6 9.7 14.5#

104 5.1 5.0 7.4



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



#75

Fluoranthene

Concen: 8.329 ng

RT: 19.39 min Scan# 2774

Delta R.T. -0.00 min

Lab File: BG043884.D

Acq: 3 Jan 2020 12:12

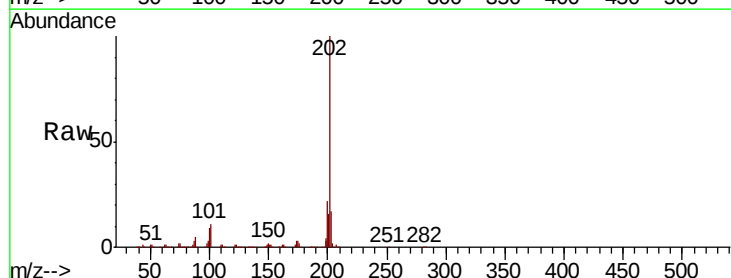
Tgt Ion:202 Resp: 370402

Ion Ratio Lower Upper

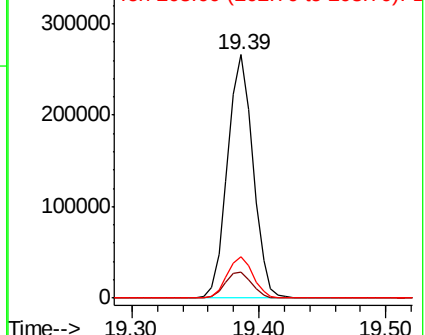
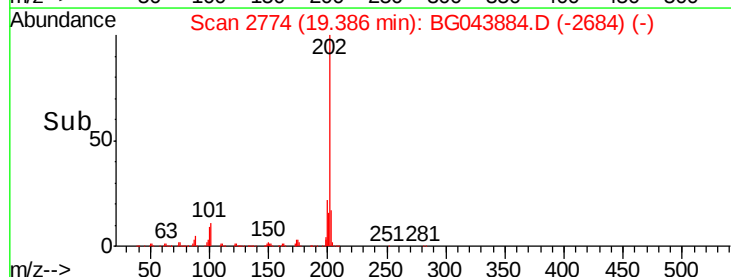
202 100

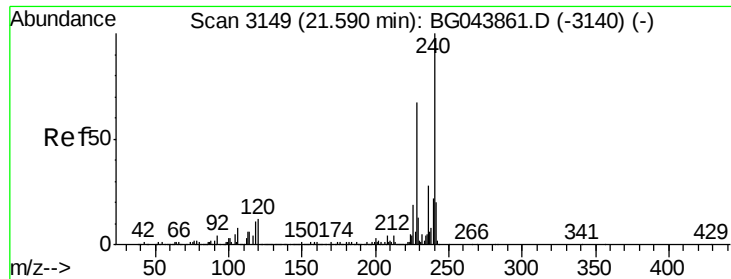
101 10.7 0.0 33.3

203 17.2 1.6 41.6



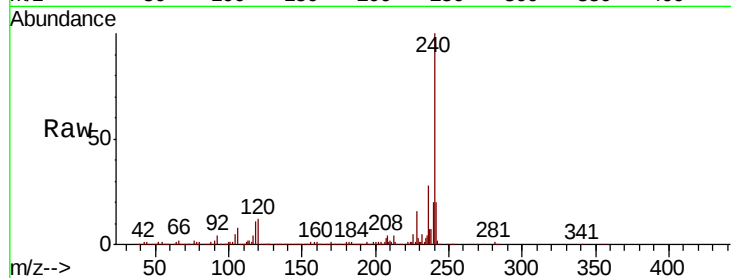
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



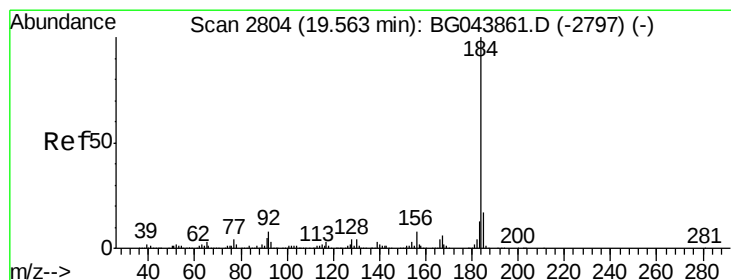
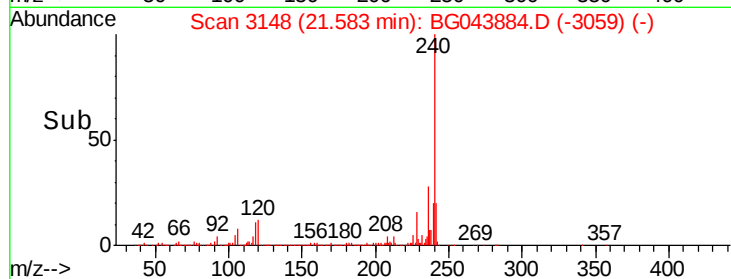
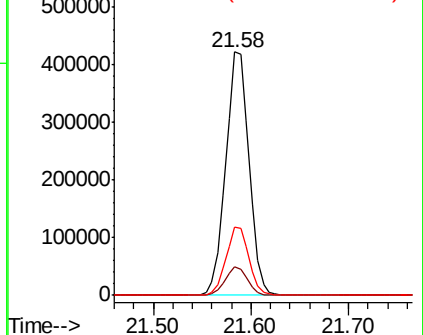


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.58 min Scan# 3148
 Delta R.T. -0.01 min
 Lab File: BG043884.D
 Acq: 3 Jan 2020 12:12

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.6	14.4
236	28.0	22.2	33.2

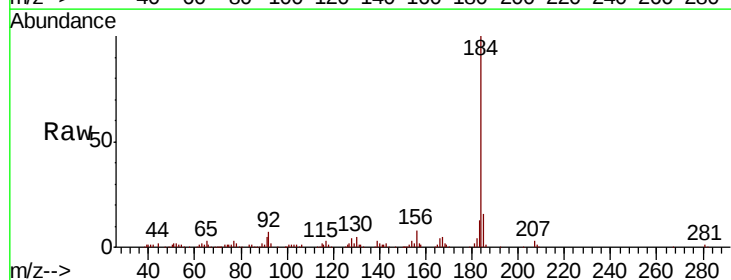


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

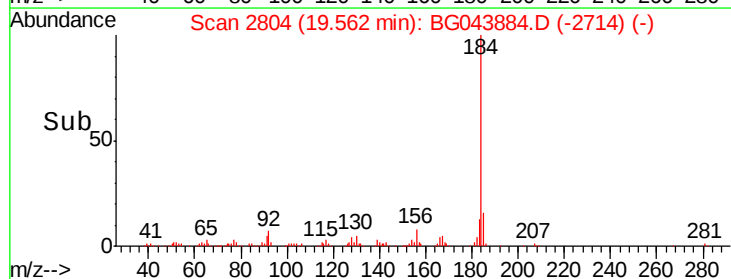
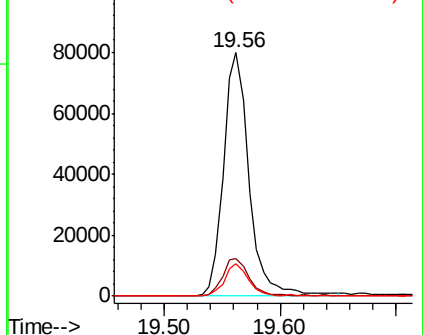


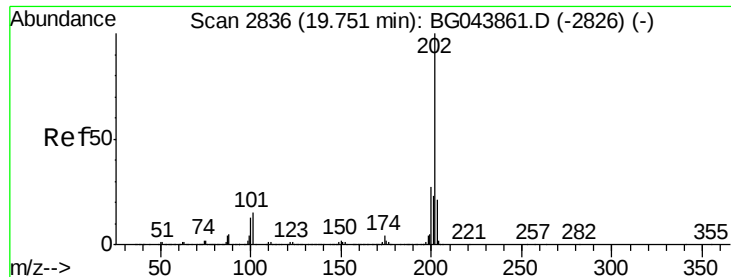
#77
 Benzidine
 Concen: 7.011 ng
 RT: 19.56 min Scan# 2804
 Delta R.T. -0.00 min
 Lab File: BG043884.D
 Acq: 3 Jan 2020 12:12

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.5	13.4	20.0
183	13.2	10.6	15.8



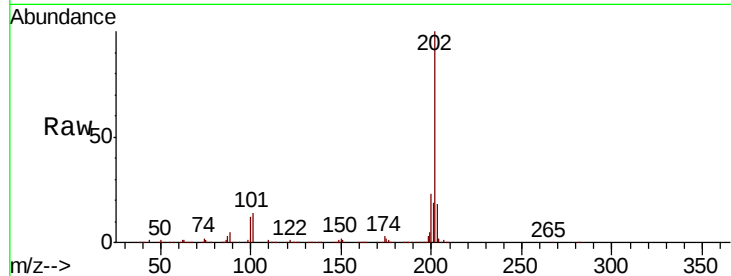
Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 185.00 (184.70 to 185.70): E
 Ion 183.00 (182.70 to 183.70): E



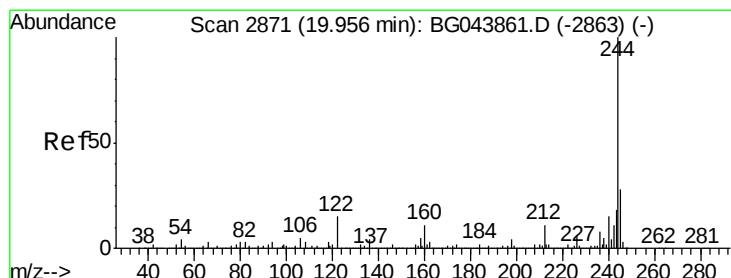
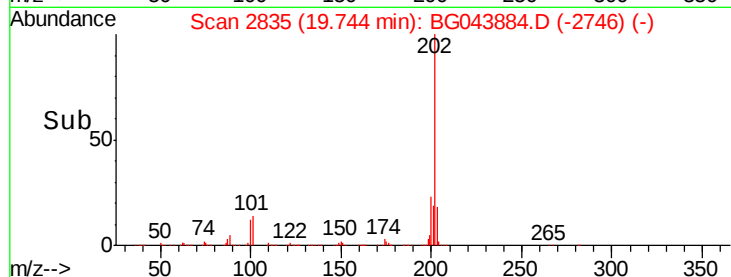
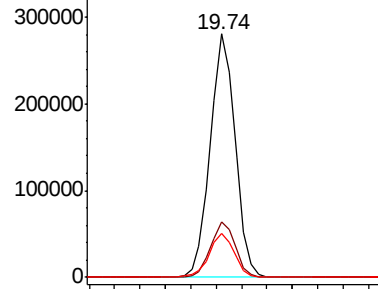


#78
Pvrene
Concen: 8.369 ng
RT: 19.74 min Scan# 2835
Delta R.T. -0.01 min
Lab File: BG043884.D
Acq: 3 Jan 2020 12:12

Tot Ion:	202	Resp:	380848
Ion	Ratio	Lower	Upper
202	100		
200	22.8	21.7	32.5
203	17.9	17.0	25.6

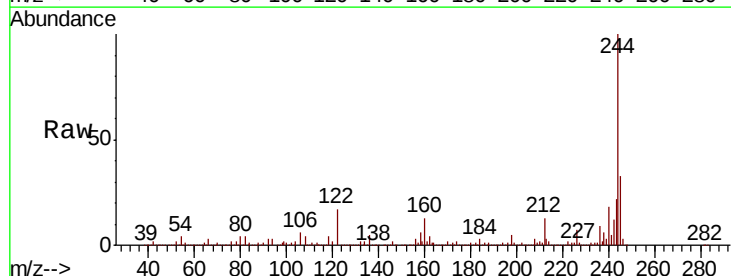


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

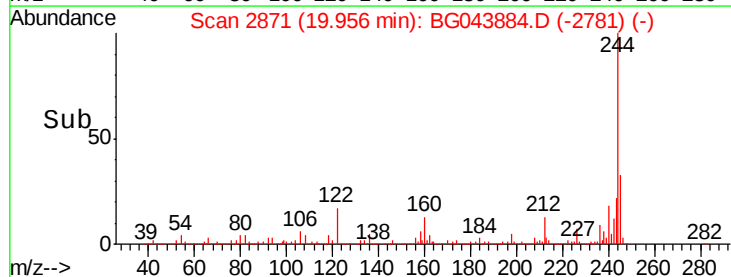
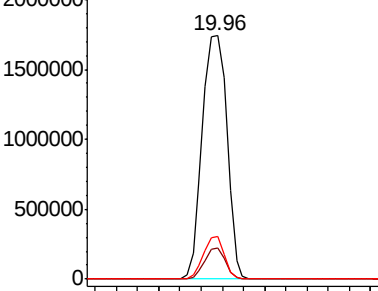


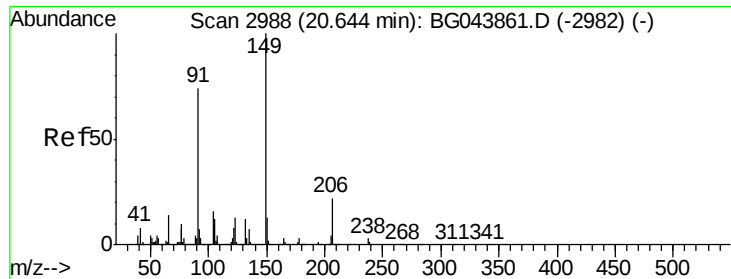
#79
Terphenyl-d14
Concen: 97.939 ng
RT: 19.96 min Scan# 2871
Delta R.T. -0.00 min
Lab File: BG043884.D
Acq: 3 Jan 2020 12:12

Tgt Ion:	244	Resp:	2828415
Ion	Ratio	Lower	Upper
244	100		
212	13.1	8.6	13.0#
122	17.3	11.9	17.9



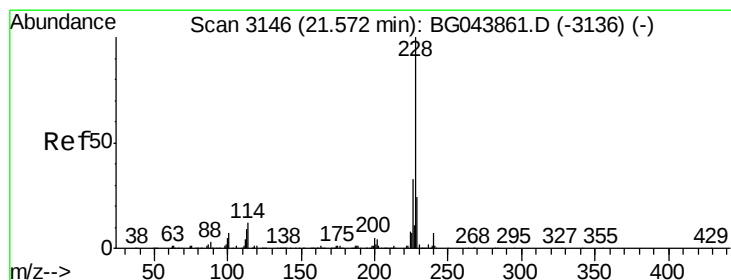
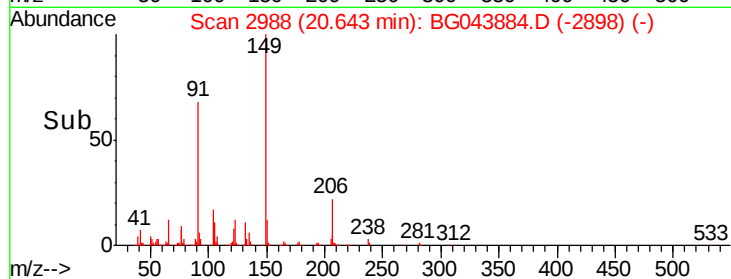
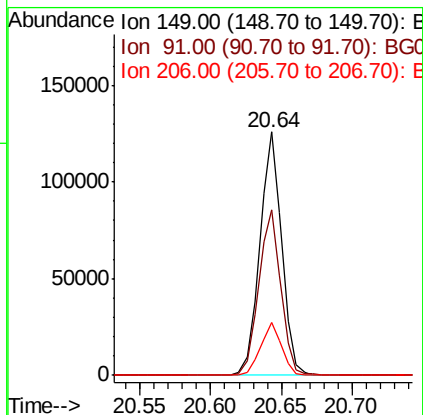
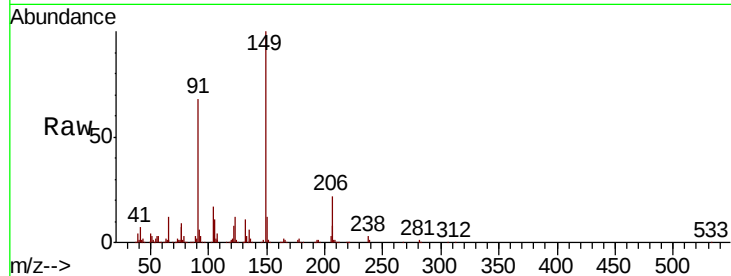
Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





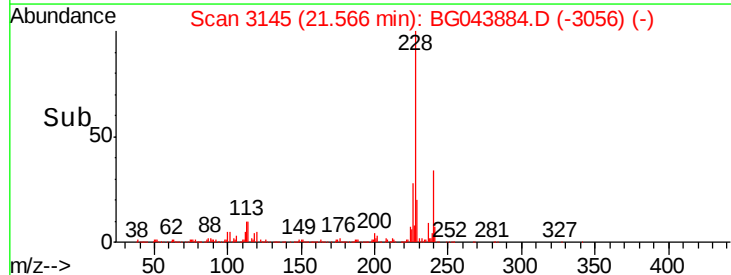
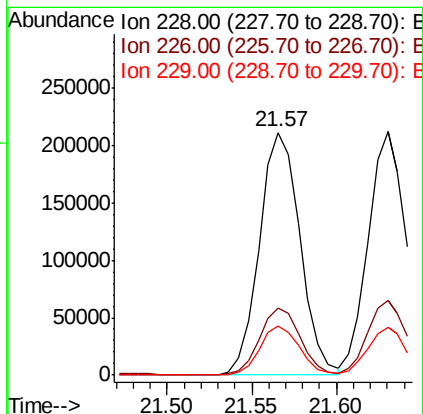
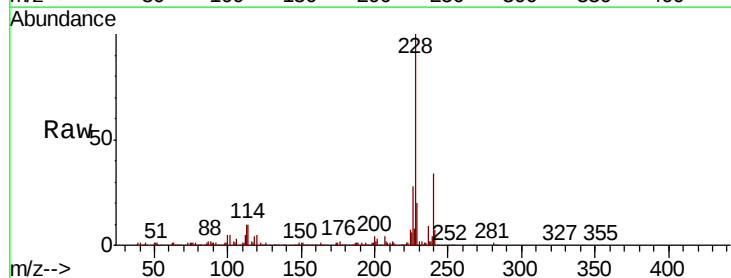
#80
Butylbenzylphthalate
Concen: 6.361 ng
RT: 20.64 min Scan# 2988
Delta R.T. -0.00 min
Lab File: BG043884.D
Acq: 3 Jan 2020 12:12

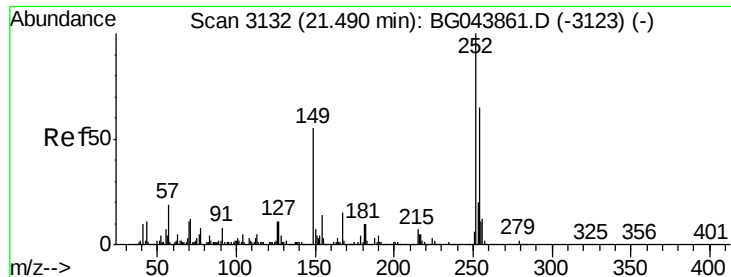
Tot Ion:149 Resp: 137823
Ion Ratio Lower Upper
149 100
91 68.1 59.5 89.3
206 21.8 17.8 26.6



#81
Benzo(a)anthracene
Concen: 8.175 ng
RT: 21.57 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG043884.D
Acq: 3 Jan 2020 12:12

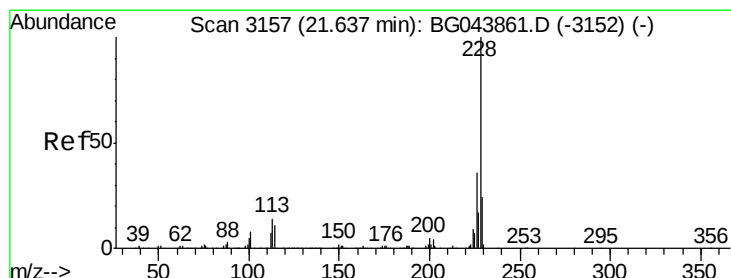
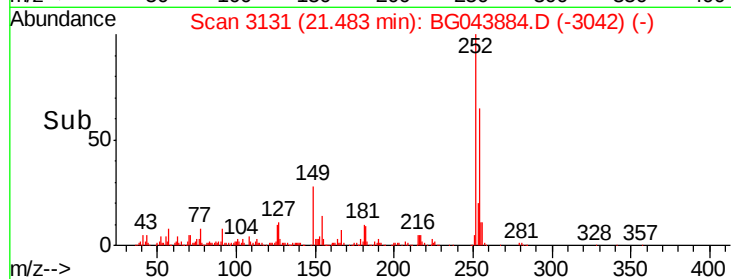
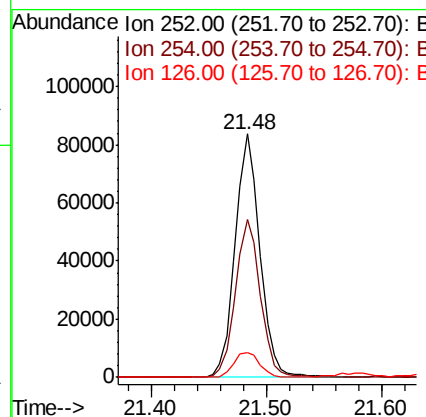
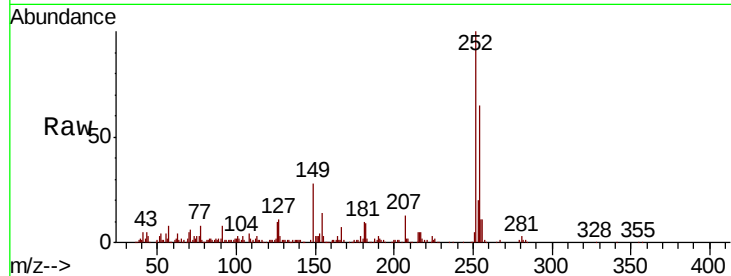
Tgt Ion:228 Resp: 353431
Ion Ratio Lower Upper
228 100
226 27.7 26.2 39.4
229 20.4 18.9 28.3





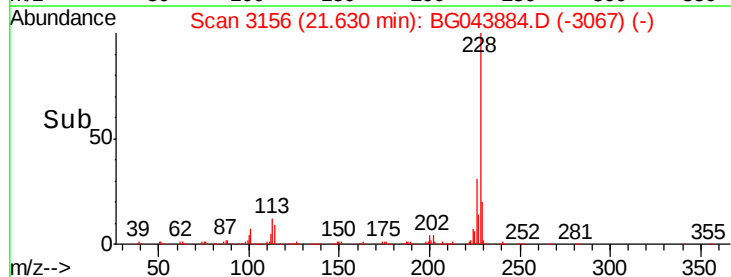
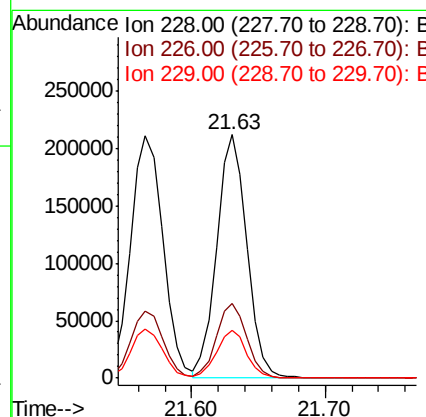
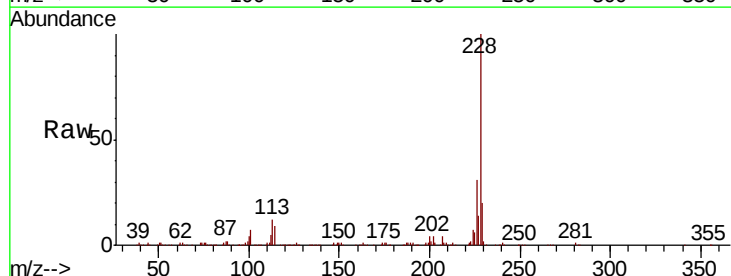
#82
 3,3'-Dichlorobenzidine
 Concen: 7.302 ng
 RT: 21.48 min Scan# 3131
 Delta R.T. -0.01 min
 Lab File: BG043884.D
 Acq: 3 Jan 2020 12:12

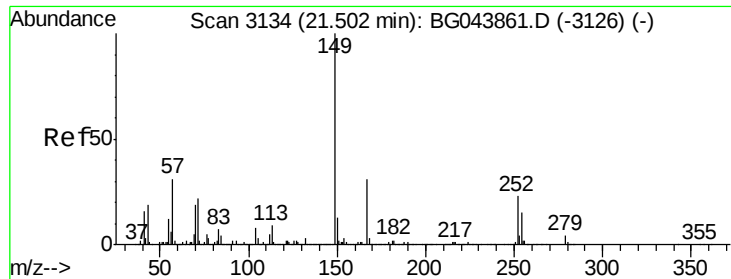
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.9	52.1	78.1
126	10.2	9.1	13.7



#83
 Chrysene
 Concen: 8.151 ng
 RT: 21.63 min Scan# 3156
 Delta R.T. -0.01 min
 Lab File: BG043884.D
 Acq: 3 Jan 2020 12:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	28.8	43.2
229	19.6	19.0	28.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 7.255 ng

RT: 21.50 min Scan# 3134

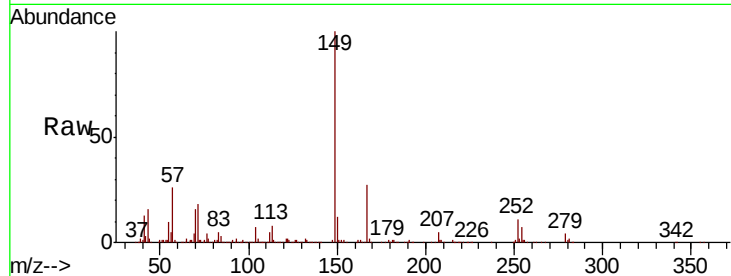
Delta R.T. -0.00 min

Lab File: BG043884.D

Acq: 3 Jan 2020 12:12

Tot Ion:149 Resp: 216890

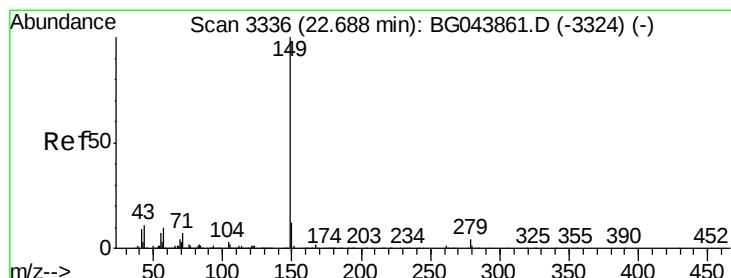
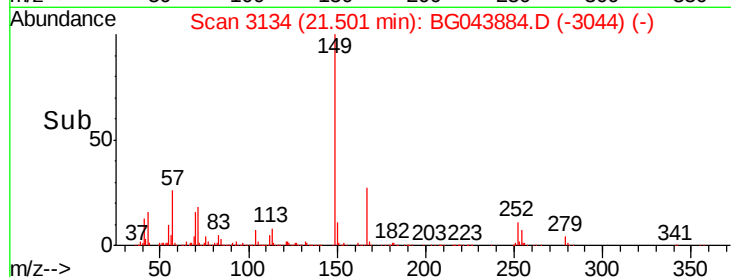
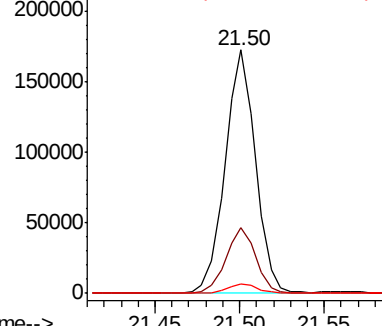
Ion	Ratio	Lower	Upper
149	100		
167	26.7	24.7	37.1
279	3.7	3.3	4.9



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: 6.895 ng

RT: 22.68 min Scan# 3335

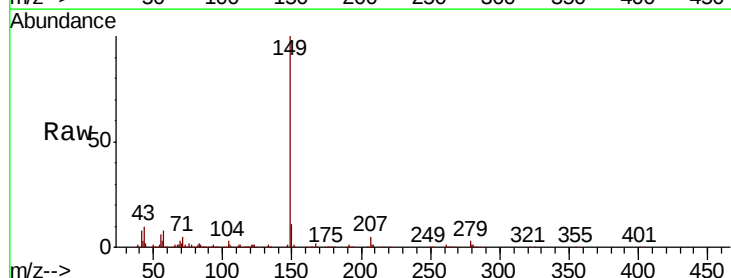
Delta R.T. -0.01 min

Lab File: BG043884.D

Acq: 3 Jan 2020 12:12

Tgt Ion:149 Resp: 346530

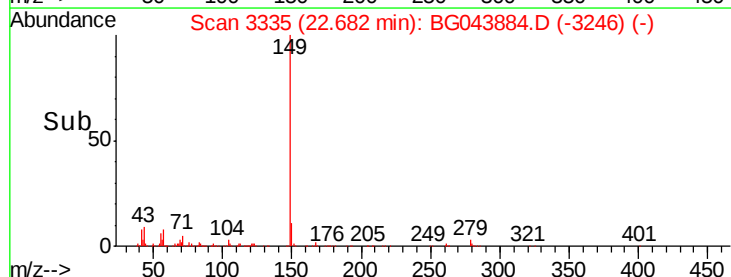
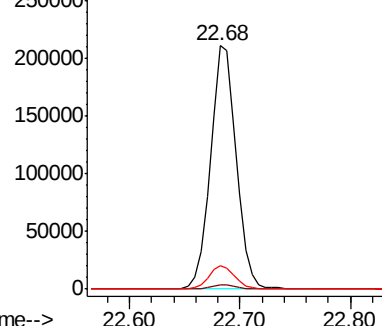
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	9.6	8.8	13.2

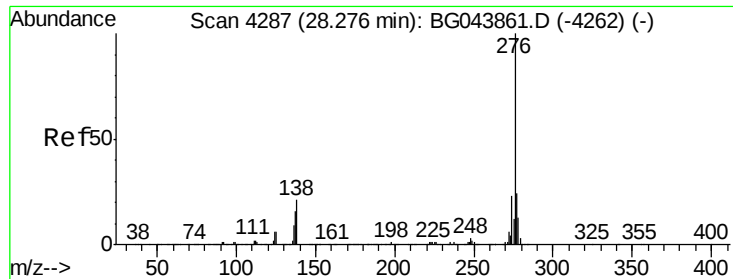


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

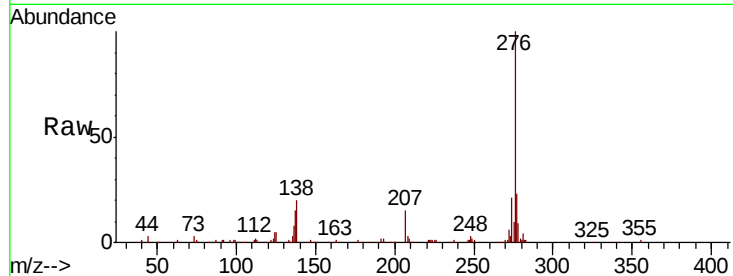
Ion 43.00 (42.70 to 43.70): BGD



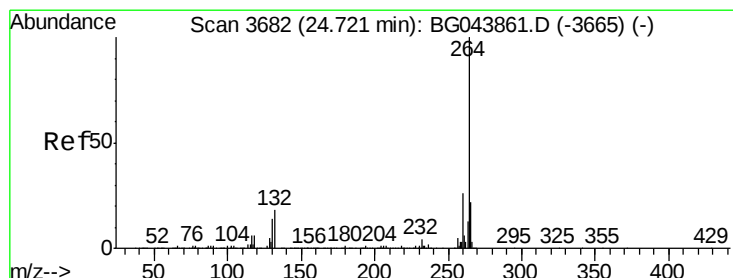
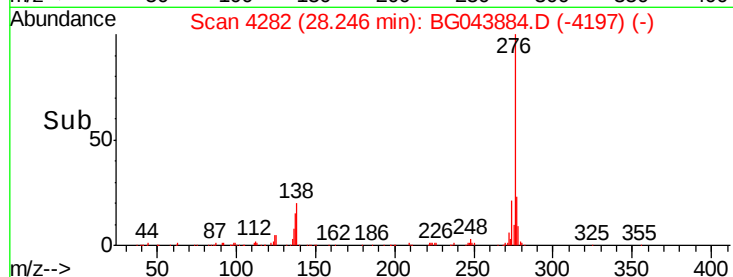
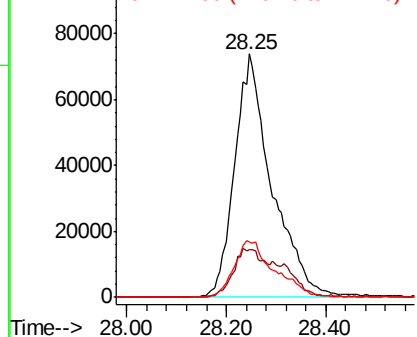


#86
Indeno(1,2,3-cd)pyrene
Concen: 6.851 ng
RT: 28.25 min Scan# 4282
Delta R.T. -0.03 min
Lab File: BG043884.D
Acq: 3 Jan 2020 12:12

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.8	21.0	31.4
277	25.2	21.1	31.7

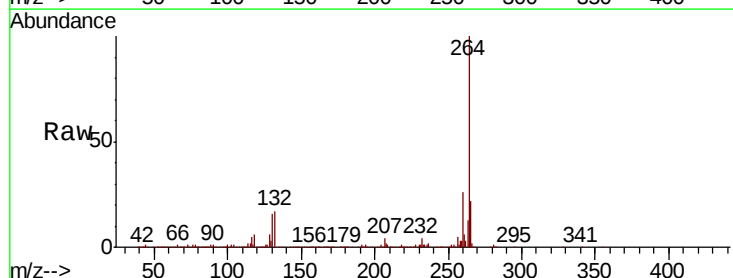


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

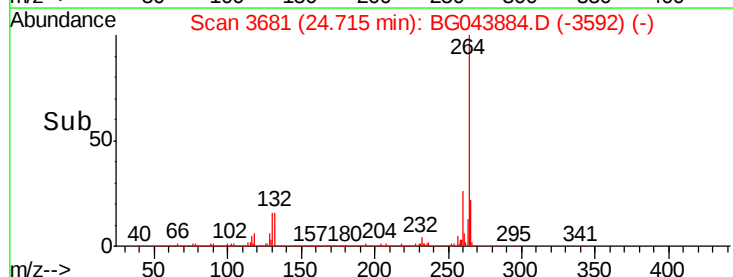
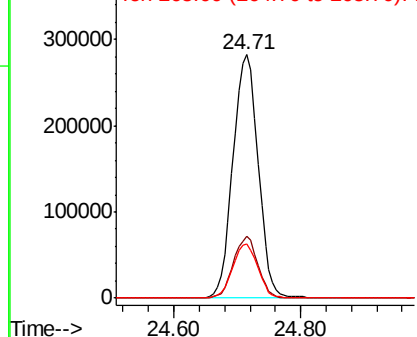


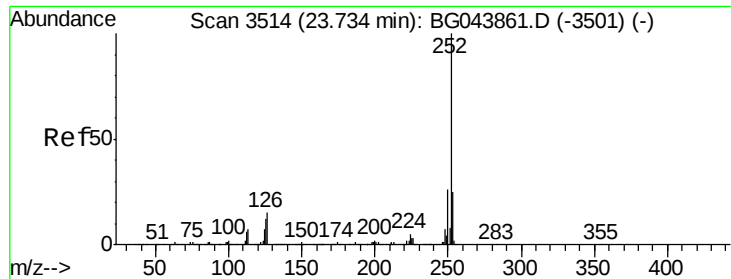
#87
Perylene-d12
Concen: 20.000 ng
RT: 24.71 min Scan# 3681
Delta R.T. -0.01 min
Lab File: BG043884.D
Acq: 3 Jan 2020 12:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.4	30.6
265	22.5	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: 7.630 ng

RT: 23.72 min Scan# 3512

Delta R.T. -0.01 min

Lab File: BG043884.D

Acq: 3 Jan 2020 12:12

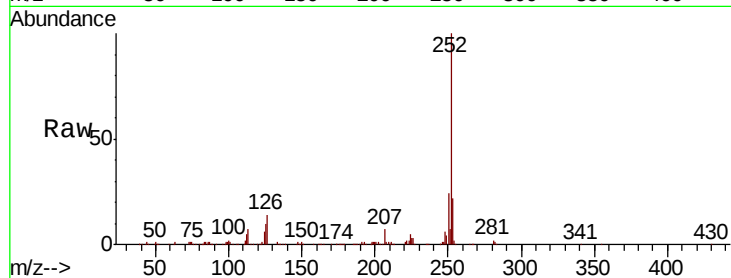
Tot Ion:252 Resp: 349506

Ion Ratio Lower Upper

252 100

253 22.5 19.7 29.5

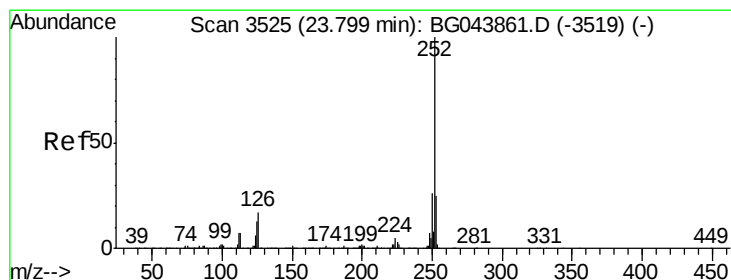
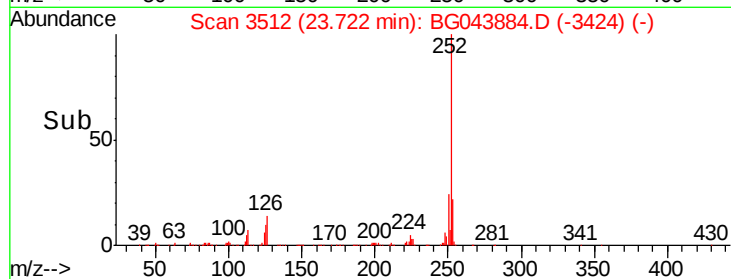
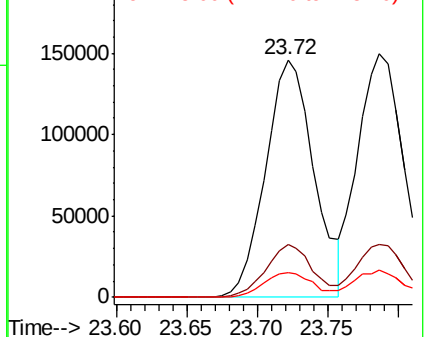
125 10.3 9.4 14.2



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: 7.877 ng

RT: 23.79 min Scan# 3523

Delta R.T. -0.01 min

Lab File: BG043884.D

Acq: 3 Jan 2020 12:12

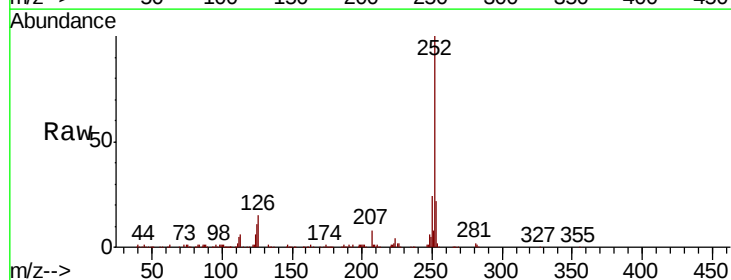
Tgt Ion:252 Resp: 343108

Ion Ratio Lower Upper

252 100

253 21.5 19.4 29.2

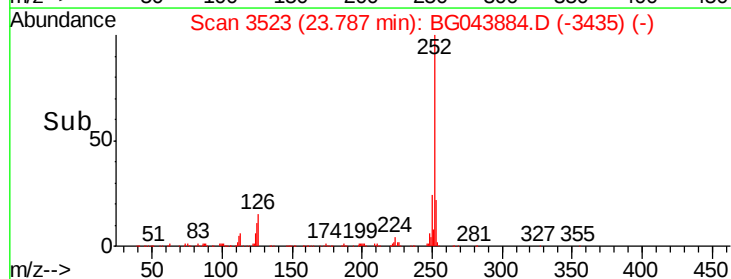
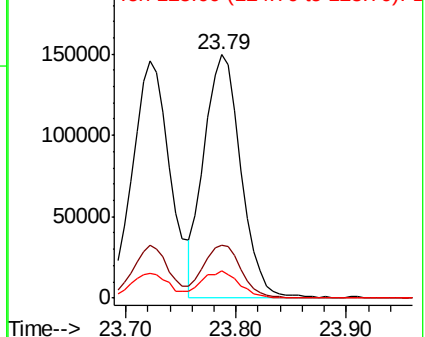
125 11.3 9.9 14.9

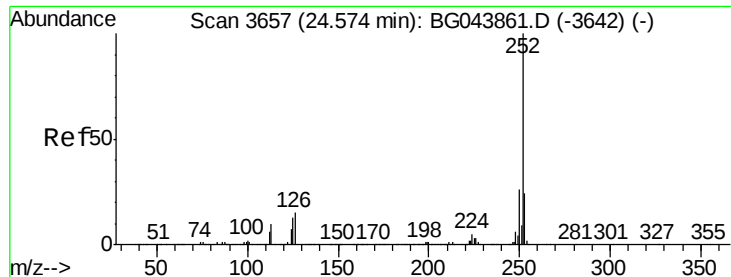


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

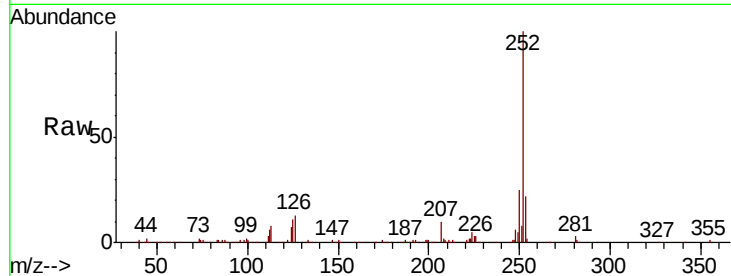
Ion 125.00 (124.70 to 125.70): E





#90
Benzo(a)pyrene
Concen: 7.262 ng
RT: 24.56 min Scan# 3655
Delta R.T. -0.01 min
Lab File: BG043884.D
Acq: 3 Jan 2020 12:12

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	19.3	28.9
125	10.5	10.4	15.6

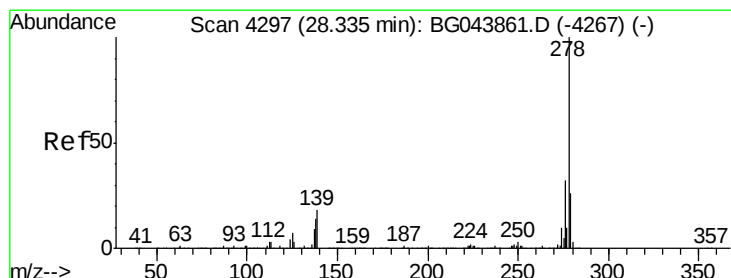
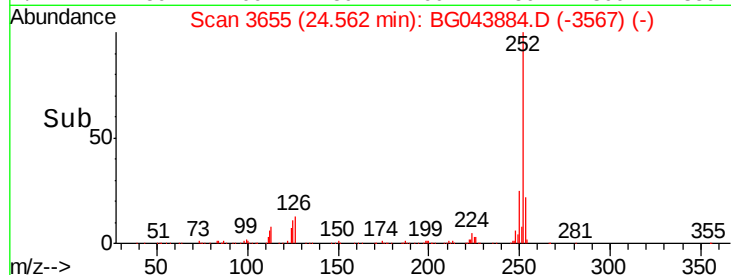
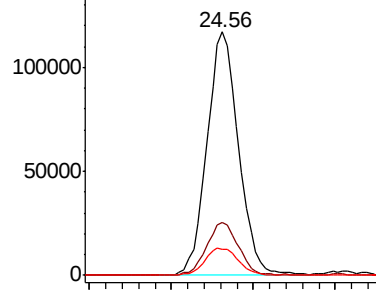


Abundance

Ion 252.00 (251.70 to 252.70): E

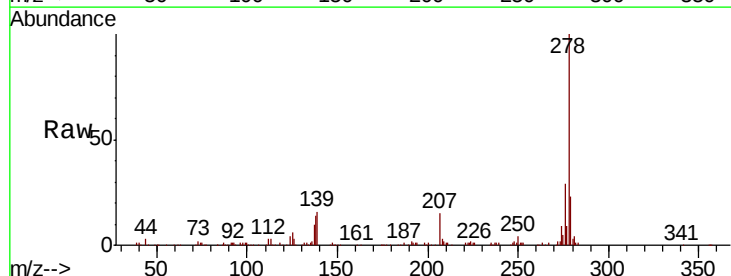
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91
Dibenzo(a,h)anthracene
Concen: 7.513 ng
RT: 28.32 min Scan# 4294
Delta R.T. -0.02 min
Lab File: BG043884.D
Acq: 3 Jan 2020 12:12

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.1	14.2	21.4
279	23.4	20.6	30.8

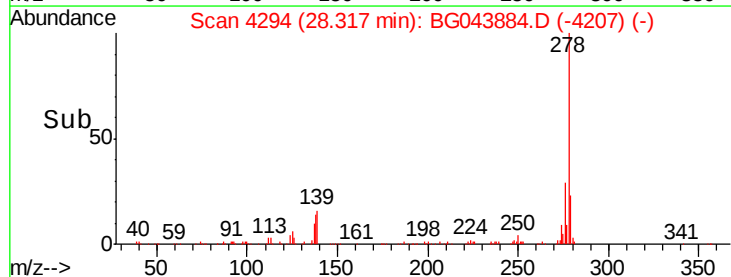
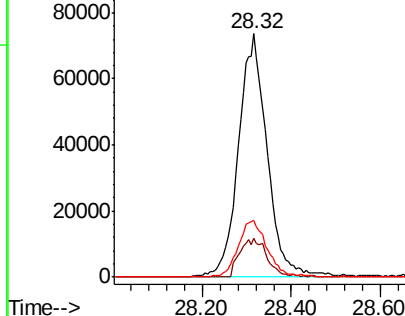


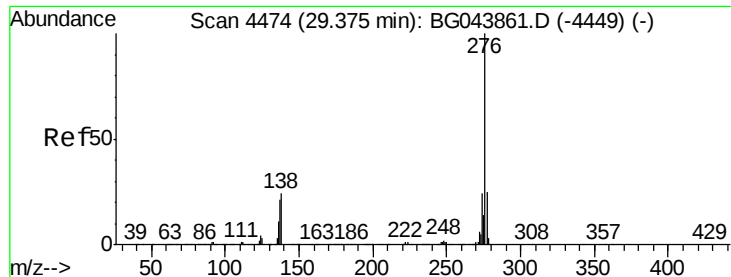
Abundance

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(a,h,i)perylene
 Concen: 7.439 ng
 RT: 29.34 min Scan# 4468
 Delta R.T. -0.04 min
 Lab File: BG043884.D
 Acq: 3 Jan 2020 12:12

Tot Ion:276	Resp:	320840
Ion	Ratio	Lower Upper
276	100	
277	24.1	20.2 30.4
138	20.6	19.0 28.6

