

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010320\
 Data File : BG043912.D
 Acq On : 4 Jan 2020 8:19
 Operator : JU
 Sample : PB125896BSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jan 06 04:28:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	127051	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	575794	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	382844	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	835794	20.00	ng	0.00
76) Chrysene-d12	21.59	240	710259	20.00	ng	0.00
87) Perylene-d12	24.72	264	814271	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	653753	94.48	ng	0.00
7) Phenol-d6	7.13	99	866236	89.56	ng	0.00
23) Nitrobenzene-d5	9.12	82	870473	80.87	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	319513	79.75	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1831596	86.68	ng	0.00
79) Terphenyl-d14	19.95	244	2502746	84.94	ng	0.00

Target Compounds

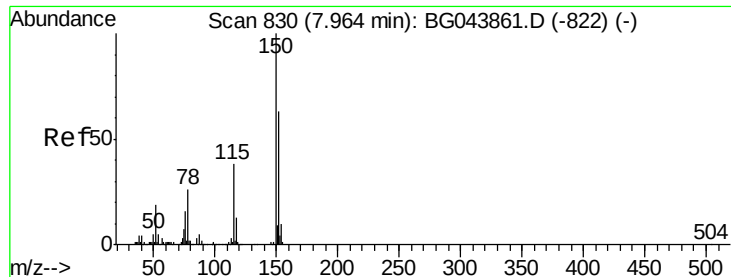
						Qvalue
2) 1,4-Dioxane	3.43	88	120526	39.948	ng	97
3) Pyridine	3.82	79	308909	34.659	ng	96
4) n-Nitrosodimethylamine	3.74	42	167871	42.304	ng	98
6) Aniline	7.29	93	439471	34.593	ng	98
8) 2-Chlorophenol	7.53	128	410519	50.536	ng	99
9) Benzaldehyde	7.10	77	251534	40.632	ng	99
10) Phenol	7.16	94	508446	51.021	ng	99
11) bis(2-Chloroethyl)ether	7.38	93	378349	43.983	ng	99
12) 1,3-Dichlorobenzene	7.86	146	407786	42.898	ng	99
13) 1,4-Dichlorobenzene	8.00	146	411240	43.845	ng	99
14) 1,2-Dichlorobenzene	8.32	146	392690	43.619	ng	98
15) Benzyl Alcohol	8.20	79	353273	46.279	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.50	45	544606	40.922	ng	99
17) 2-Methylphenol	8.41	107	355125	49.244	ng	96
18) Hexachloroethane	9.05	117	156421	42.859	ng	97
19) n-Nitroso-di-n-propylamine	8.77	70	305453	42.406	ng	98
20) 3+4-Methylphenols	8.74	107	490382	48.744	ng	99
22) Acetophenone	8.78	105	559751	39.103	ng	99
24) Nitrobenzene	9.16	77	434962	40.802	ng	99
25) Isophorone	9.69	82	830037	41.105	ng	99
26) 2-Nitrophenol	9.87	139	228130	45.232	ng	99
27) 2,4-Dimethylphenol	9.94	122	395657	52.115	ng	98
28) bis(2-Chloroethoxy)methane	10.17	93	535337	39.766	ng	98
29) 2,4-Dichlorophenol	10.41	162	410572	45.337	ng	100
30) 1,2,4-Trichlorobenzene	10.63	180	397928	39.189	ng	98
31) Naphthalene	10.82	128	1180216	42.357	ng	99
32) Benzoic acid	10.08	122	185543	32.357	ng	93
33) 4-Chloroaniline	10.92	127	314749	23.683	ng	98
34) Hexachlorobutadiene	11.12	225	230868	37.239	ng	98
35) Caprolactam	11.69	113	112530	33.379	ng	99
36) 4-Chloro-3-methylphenol	12.05	107	433907	45.008	ng	98
37) 2-Methylnaphthalene	12.42	142	889822	42.418	ng	97
38) 1-Methylnaphthalene	12.64	142	843733	42.438	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	422048	37.612	ng	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	564339	97.007	nq	97
43) 2,4,6-Trichlorophenol	13.03	196	322958	41.828	nq	97
44) 2,4,5-Trichlorophenol	13.10	196	348911	43.814	nq	99
46) 1,1'-Biphenyl	13.43	154	1128254	41.103	nq	99
47) 2-Chloronaphthalene	13.47	162	877930	39.581	nq	98
48) 2-Nitroaniline	13.67	65	284988	39.943	nq	99
49) Acenaphthylene	14.32	152	1378487	43.239	nq	99
50) Dimethylphthalate	14.05	163	1128091	41.499	nq	99
51) 2,6-Dinitrotoluene	14.17	165	260650	42.423	nq	96
52) Acenaphthene	14.66	154	977608	43.727	nq	99
53) 3-Nitroaniline	14.49	138	205066	29.391	nq	99
54) 2,4-Dinitrophenol	14.69	184	215658	69.659	nq	98
55) Dibenzofuran	14.99	168	1317113	42.795	nq	100
56) 4-Nitrophenol	14.81	139	504879	94.430	nq	99
57) 2,4-Dinitrotoluene	14.95	165	367272	43.931	nq	98
58) Fluorene	15.65	166	1037950	42.549	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.22	232	303125	44.267	nq	98
60) Diethylphthalate	15.42	149	1154847	42.475	nq	99
61) 4-Chlorophenyl-phenylether	15.64	204	544947	41.140	nq	99
62) 4-Nitroaniline	15.66	138	284210	41.249	nq	95
63) Azobenzene	15.93	77	1087819	43.142	nq	100
65) 4,6-Dinitro-2-methylphenol	15.72	198	185942	43.621	nq	98
66) n-Nitrosodiphenylamine	15.85	169	985687	40.047	nq	99
67) 4-Bromophenyl-phenylether	16.53	248	355509	37.820	nq	98
68) Hexachlorobenzene	16.65	284	380477	37.563	nq	99
69) Atrazine	16.80	200	383101	47.884	nq	100
70) Pentachlorophenol	16.99	266	432102	77.388	nq	98
71) Phenanthrene	17.38	178	1646143	41.062	nq	99
72) Anthracene	17.47	178	1690662	42.673	nq	99
73) Carbazole	17.74	167	1558775	42.593	nq	99
74) Di-n-butylphthalate	18.31	149	1907341	40.820	nq	100
75) Fluoranthene	19.39	202	1874590	40.888	nq	99
77) Benzidine	19.56	184	1183560	66.295	nq	99
78) Pyrene	19.75	202	1880304	40.558	nq	99
80) Butylbenzylphthalate	20.65	149	904332	40.971	nq	96
81) Benzo(a)anthracene	21.57	228	1819109	41.305	nq	100
82) 3,3'-Dichlorobenzidine	21.49	252	529981	30.460	nq	98
83) Chrysene	21.64	228	1727037	41.270	nq	100
84) Bis(2-ethylhexyl)phthalate	21.50	149	1258924	41.337	nq	99
85) Di-n-octyl phthalate	22.68	149	2162920	42.244	nq	100
86) Indeno(1,2,3-cd)pyrene	28.27	276	2308225	40.587	nq	99
88) Benzo(b)fluoranthene	23.73	252	1957127	40.657	nq	99
89) Benzo(k)fluoranthene	23.80	252	1871281	40.879	nq	99
90) Benzo(a)pyrene	24.58	252	1804173	39.710	nq	99
91) Dibenzo(a,h)anthracene	28.33	278	1899356	41.626	nq	99
92) Benzo(g,h,i)perylene	29.38	276	1908494	42.108	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.96 min Scan# 829

Delta R.T. -0.00 min

Lab File: BG043912.D

Acq: 4 Jan 2020 8:19

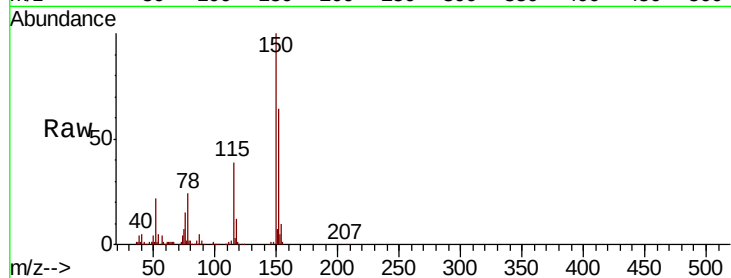
Tot Ion:152 Resp: 127051

Ion Ratio Lower Upper

152 100

150 157.2 127.0 190.4

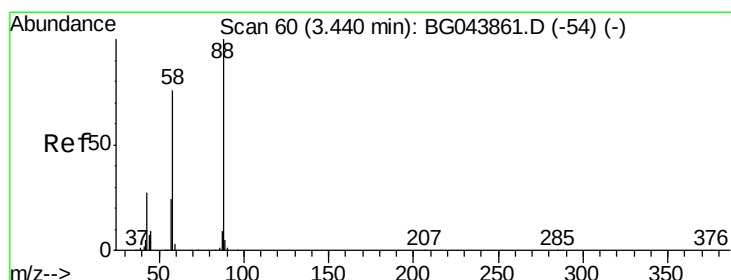
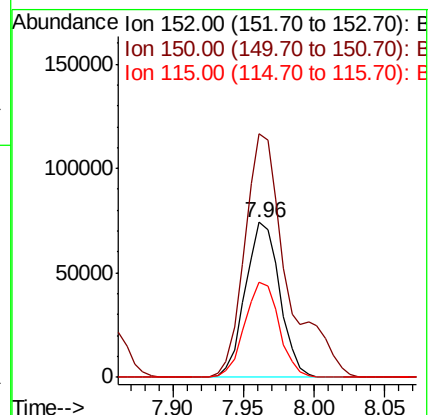
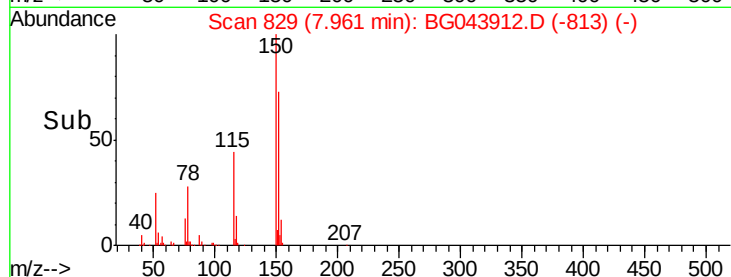
115 61.0 47.8 71.8



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: 39.948 ng

RT: 3.43 min Scan# 58

Delta R.T. -0.01 min

Lab File: BG043912.D

Acq: 4 Jan 2020 8:19

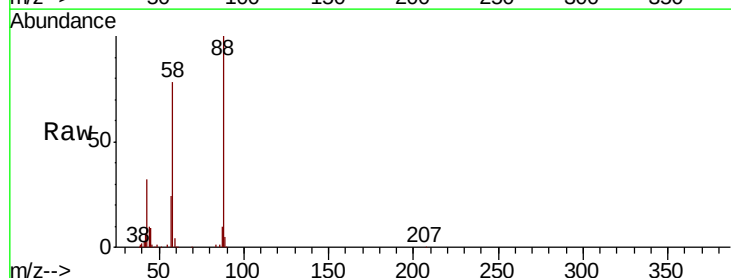
Tgt Ion: 88 Resp: 120526

Ion Ratio Lower Upper

88 100

58 76.3 59.8 89.8

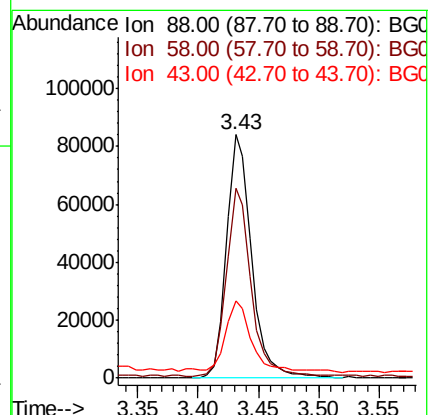
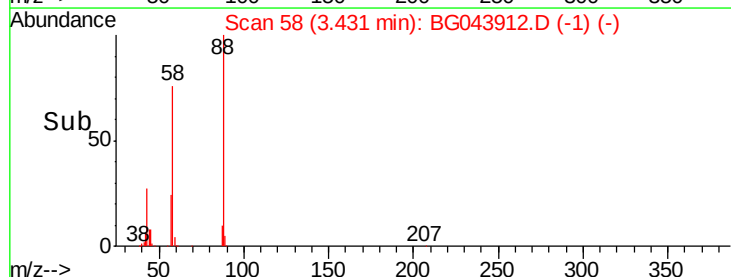
43 31.6 22.9 34.3

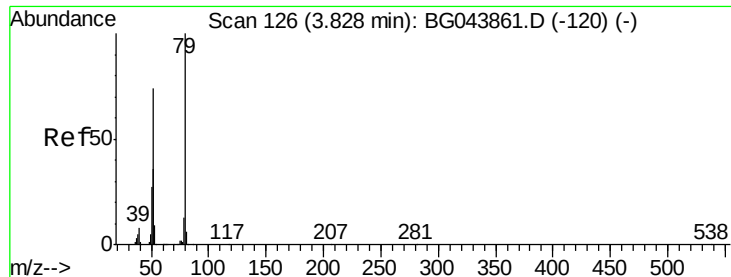


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 34.659 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.00 min

Lab File: BG043912.D

Acq: 4 Jan 2020 8:19

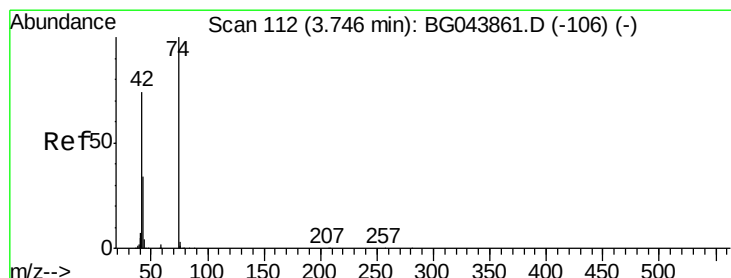
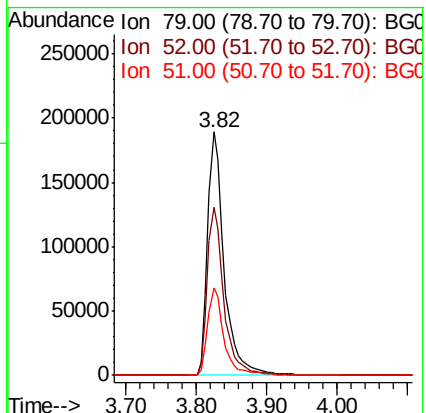
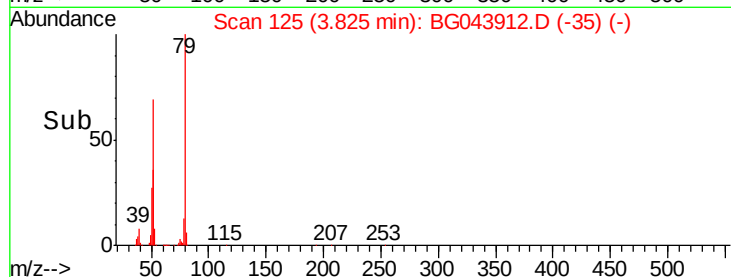
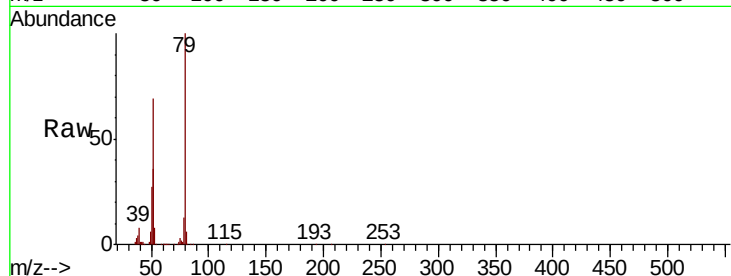
Tot Ion: 79 Resp: 308909

Ion Ratio Lower Upper

79 100

52 69.3 58.9 88.3

51 36.1 28.6 43.0



#4

n-Nitrosodimethylamine

Concen: 42.304 ng

RT: 3.74 min Scan# 110

Delta R.T. -0.01 min

Lab File: BG043912.D

Acq: 4 Jan 2020 8:19

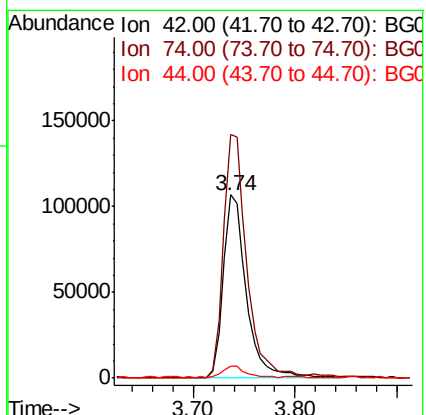
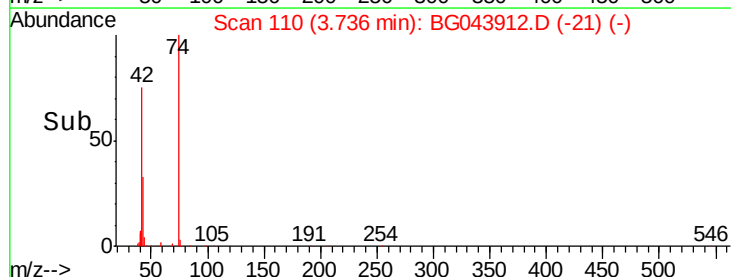
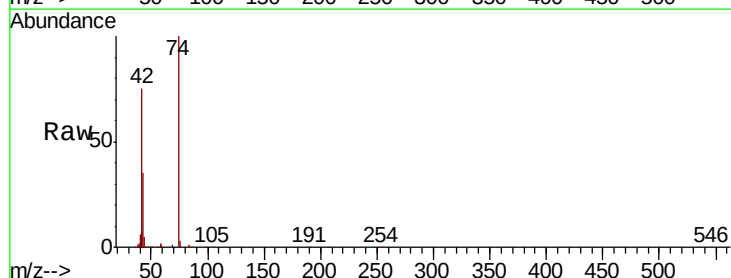
Tgt Ion: 42 Resp: 167871

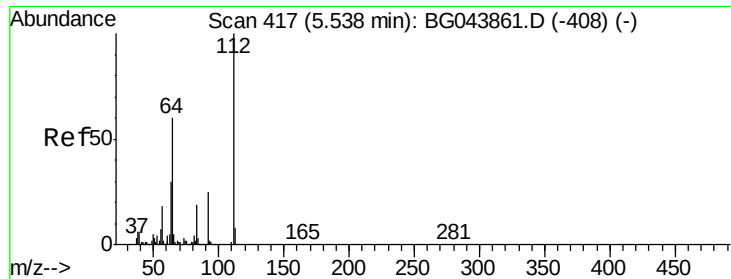
Ion Ratio Lower Upper

42 100

74 132.8 108.6 162.8

44 6.7 5.0 7.6





#5

2-Fluorophenol

Concen: 94.479 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG043912.D

Acq: 4 Jan 2020 8:19

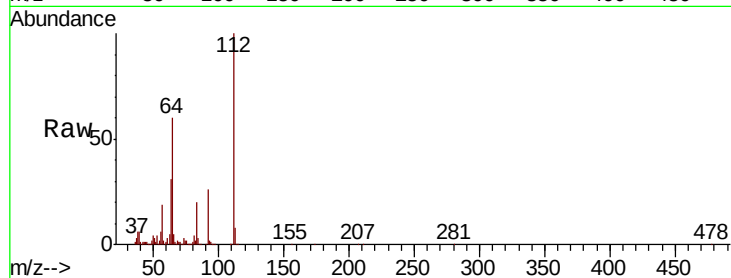
Tot Ion:112 Resp: 653753

Ion Ratio Lower Upper

112 100

64 60.0 47.8 71.6

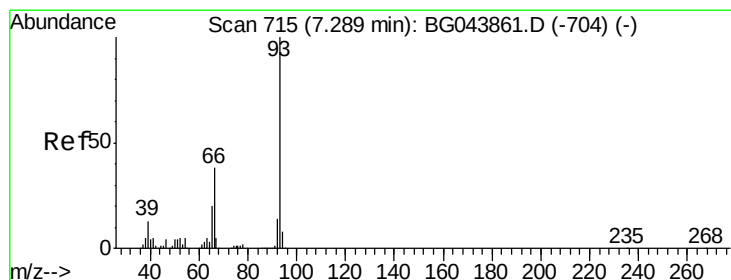
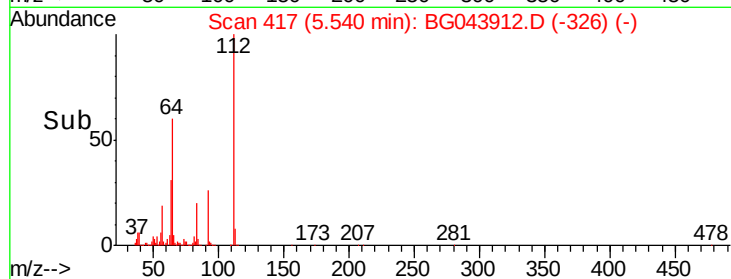
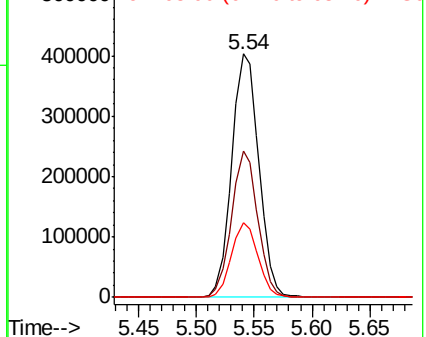
63 30.7 24.3 36.5



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: 34.593 ng

RT: 7.29 min Scan# 714

Delta R.T. -0.00 min

Lab File: BG043912.D

Acq: 4 Jan 2020 8:19

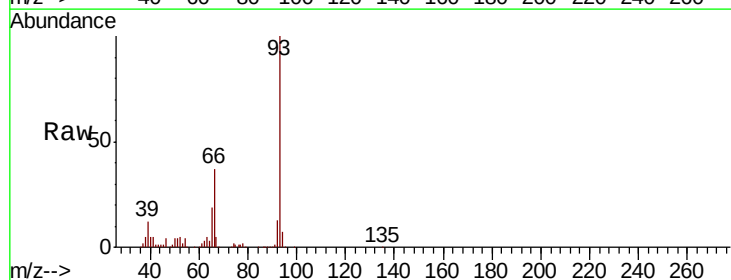
Tgt Ion: 93 Resp: 439471

Ion Ratio Lower Upper

93 100

66 37.0 30.8 46.2

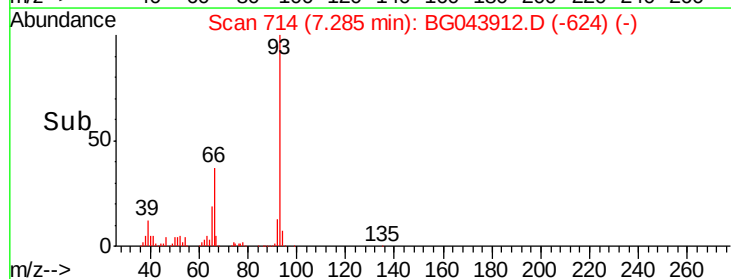
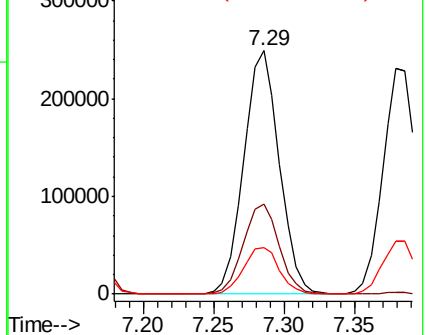
65 18.9 16.0 24.0

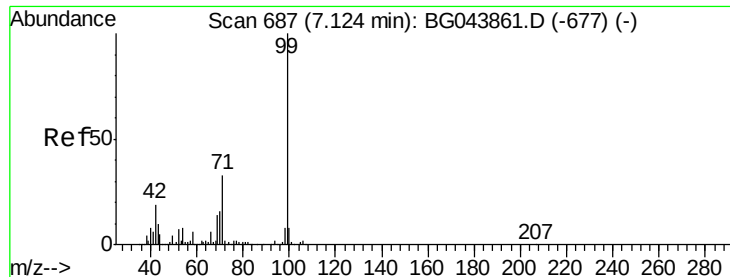


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 89.559 ng

RT: 7.13 min Scan# 688

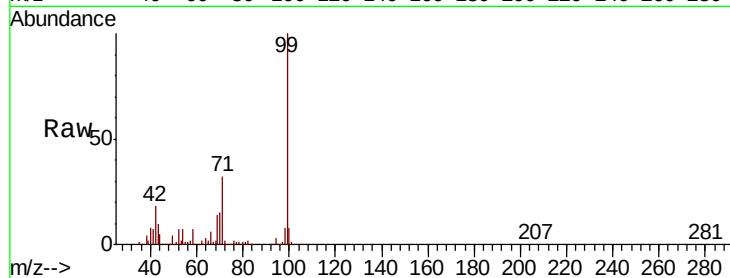
Delta R.T. 0.01 min

Lab File: BG043912.D

Acq: 4 Jan 2020 8:19

Tot Ion: 99 Resp: 866236

Ion	Ratio	Lower	Upper
99	100		
42	18.4	14.9	22.3
71	32.5	26.4	39.6

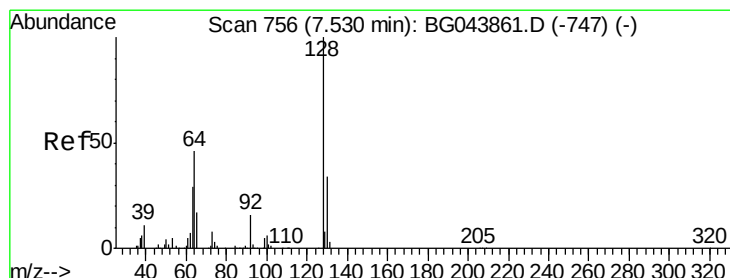
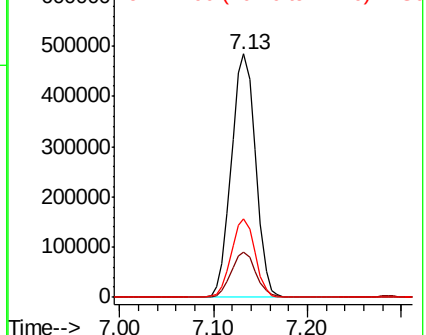
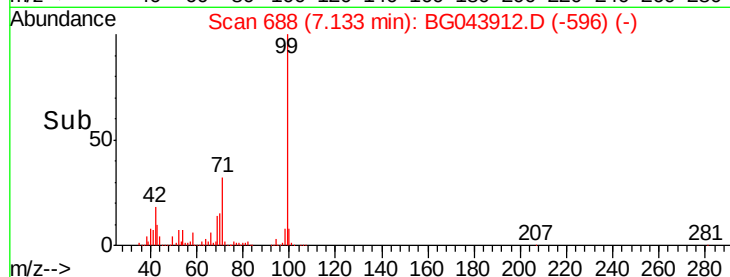


Abundance

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: 50.536 ng

RT: 7.53 min Scan# 756

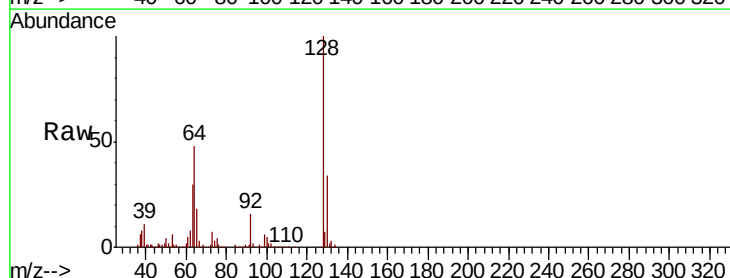
Delta R.T. 0.00 min

Lab File: BG043912.D

Acq: 4 Jan 2020 8:19

Tgt Ion: 128 Resp: 410519

Ion	Ratio	Lower	Upper
128	100		
130	34.0	13.8	53.8
64	48.2	27.6	67.6

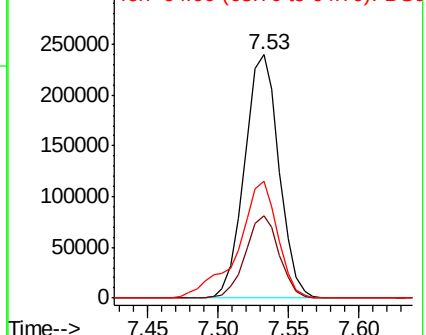
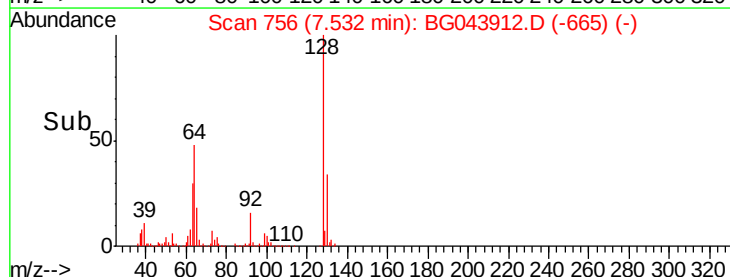


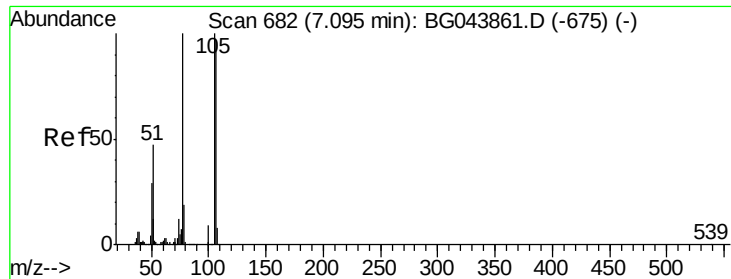
Abundance

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: 40.632 ng

RT: 7.10 min Scan# 682

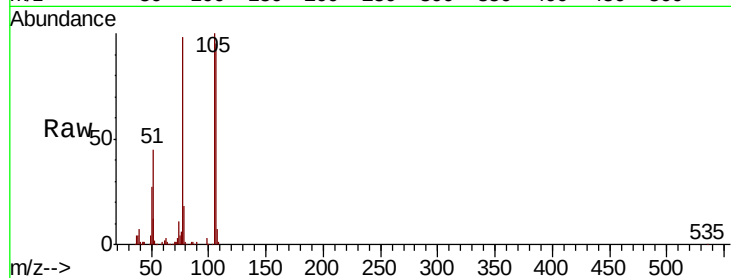
Delta R.T. 0.00 min

Lab File: BG043912.D

Acq: 4 Jan 2020 8:19

Tot Ion: 77 Resp: 251534

Ion	Ratio	Lower	Upper
77	100		
105	102.5	80.2	120.2
106	97.8	77.2	117.2

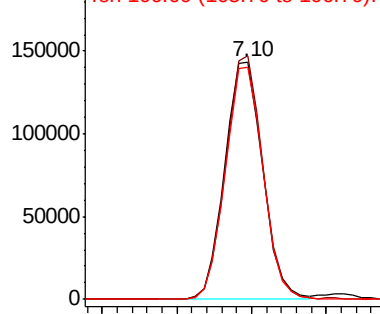


Abundance

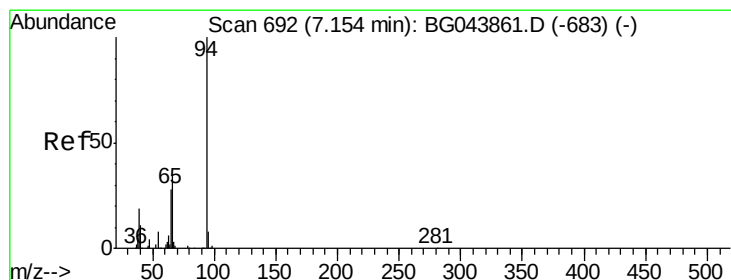
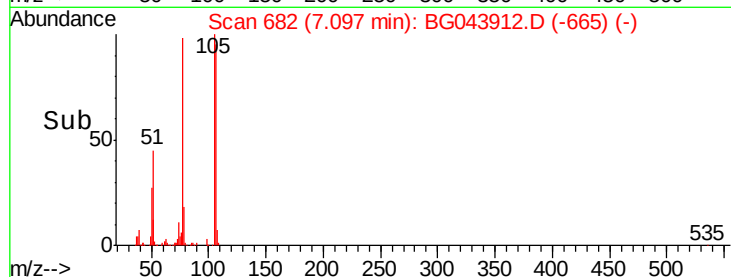
Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



Time-->



#10

Phenol

Concen: 51.021 ng

RT: 7.16 min Scan# 693

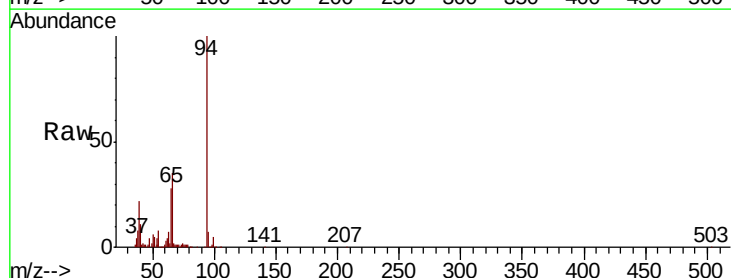
Delta R.T. 0.01 min

Lab File: BG043912.D

Acq: 4 Jan 2020 8:19

Tgt Ion: 94 Resp: 508446

Ion	Ratio	Lower	Upper
94	100		
65	27.7	8.1	48.1
66	34.7	15.6	55.6

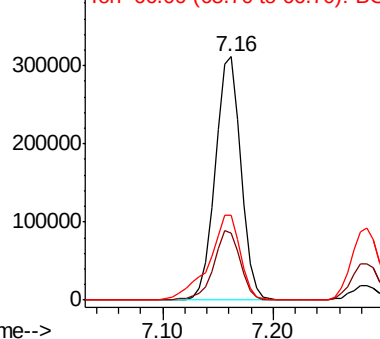


Abundance

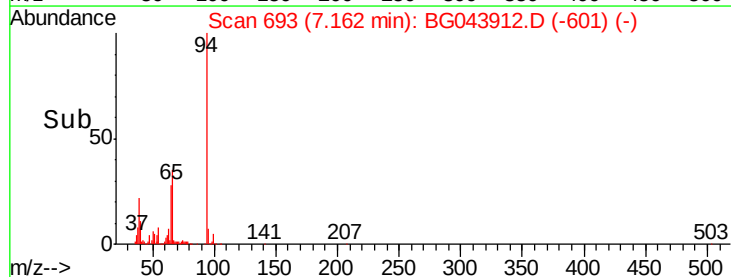
Ion 94.00 (93.70 to 94.70): BGC

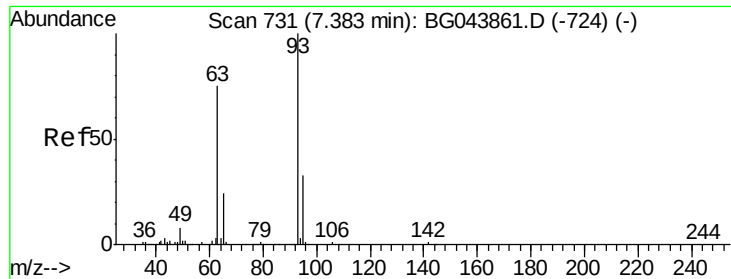
Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



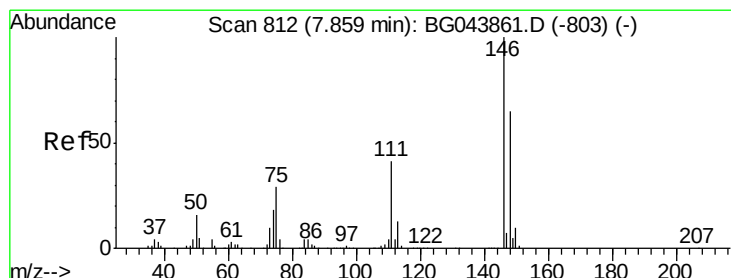
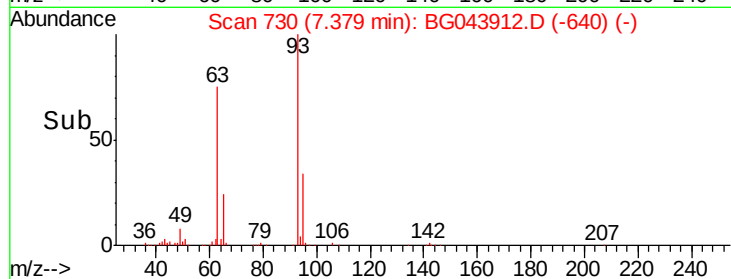
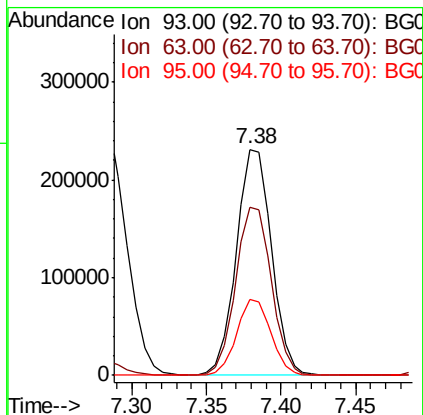
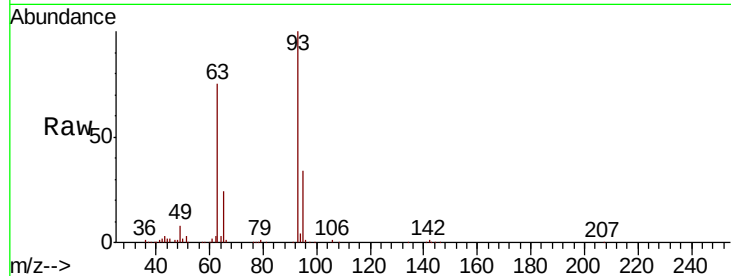
Time-->





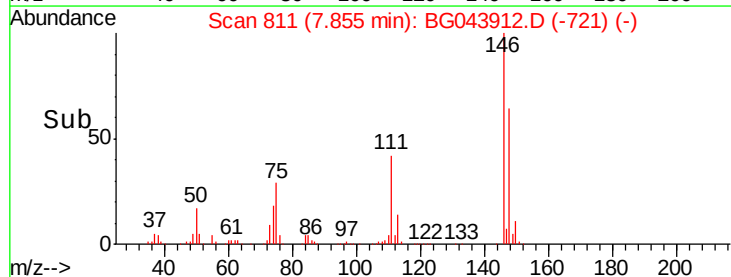
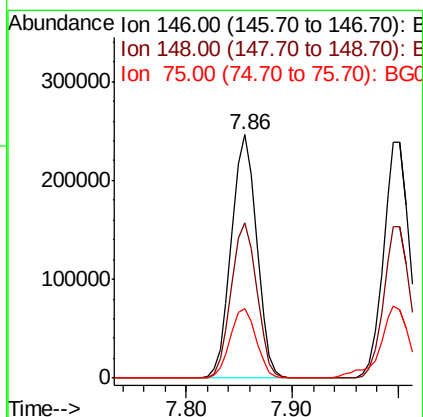
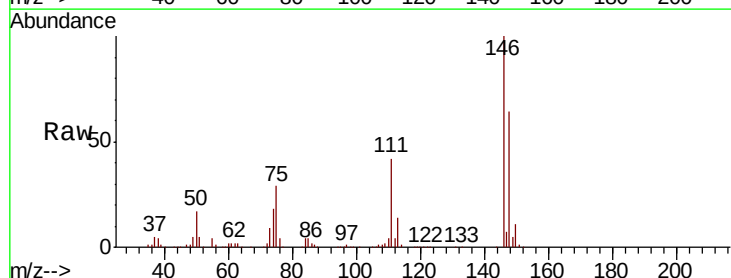
#11
bis(2-Chloroethyl)ether
Concen: 43.983 ng
RT: 7.38 min Scan# 730
Delta R.T. -0.00 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

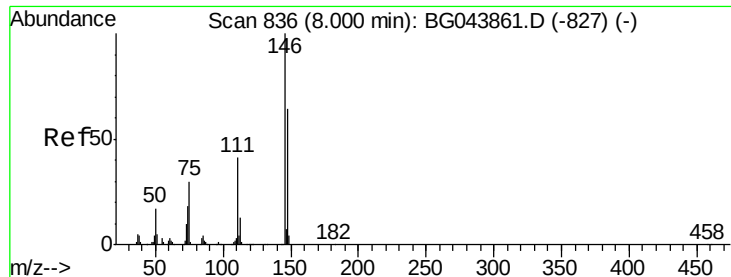
Tot Ion	Ratio	Lower	Upper
93	100		
63	74.6	55.0	95.0
95	33.6	13.3	53.3



#12
1,3-Dichlorobenzene
Concen: 42.898 ng
RT: 7.86 min Scan# 811
Delta R.T. -0.00 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

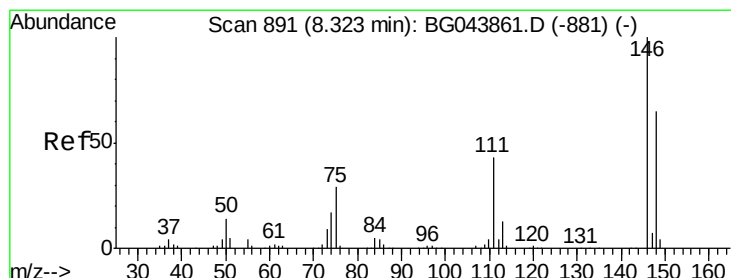
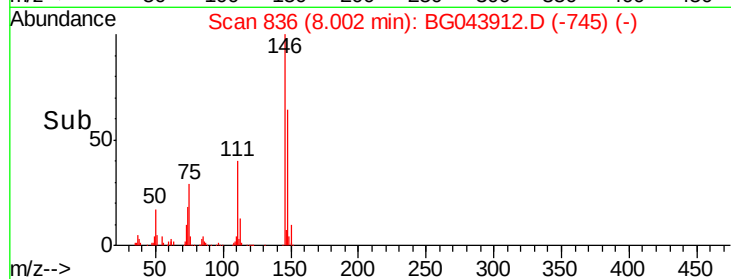
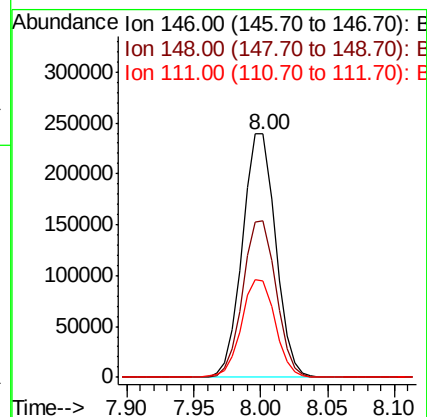
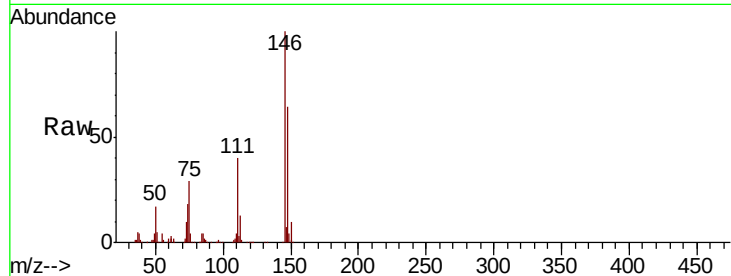
Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.1	78.1
75	28.8	23.0	34.4





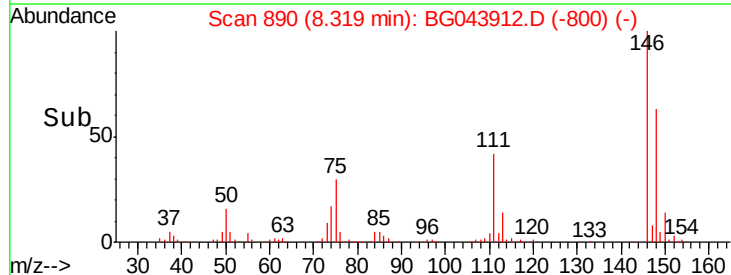
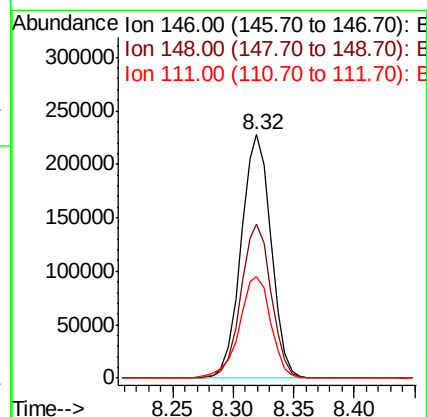
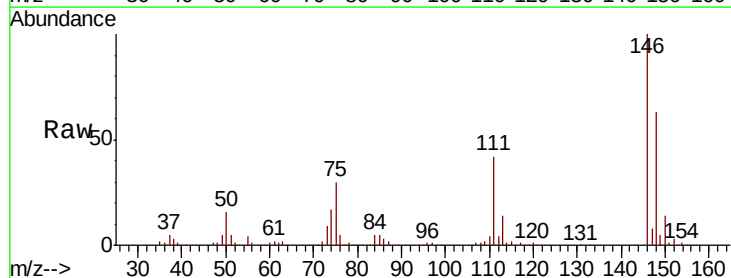
#13
 1,4-Dichlorobenzene
 Concen: 43.845 ng
 RT: 8.00 min Scan# 836
 Delta R.T. 0.00 min
 Lab File: BG043912.D
 Acq: 4 Jan 2020 8:19

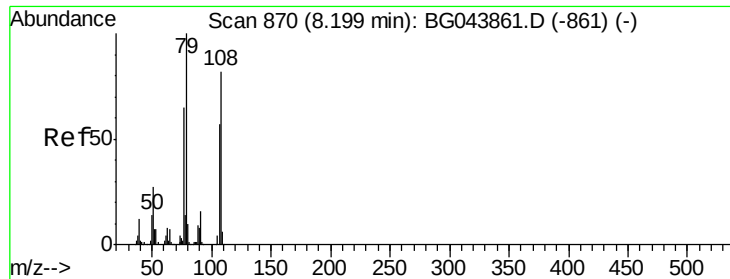
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.2	76.8
111	39.6	33.1	49.7



#14
 1,2-Dichlorobenzene
 Concen: 43.619 ng
 RT: 8.32 min Scan# 890
 Delta R.T. -0.00 min
 Lab File: BG043912.D
 Acq: 4 Jan 2020 8:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.7	77.5
111	41.7	34.4	51.6





#15

Benzyl Alcohol

Concen: 46.279 ng

RT: 8.20 min Scan# 870

Delta R.T. 0.00 min

Lab File: BG043912.D

Acq: 4 Jan 2020 8:19

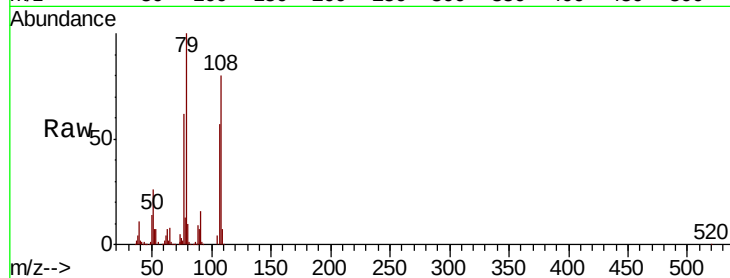
Tot Ion: 79 Resp: 353273

Ion Ratio Lower Upper

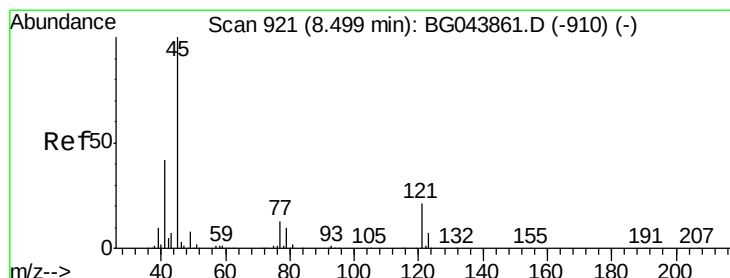
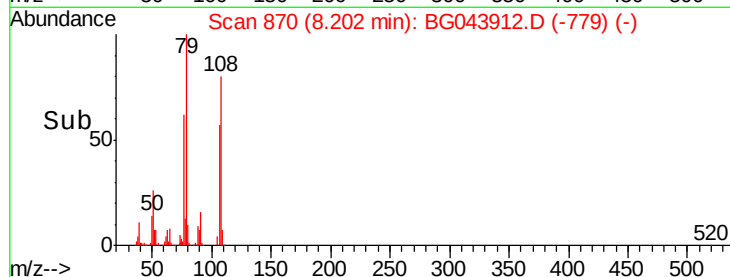
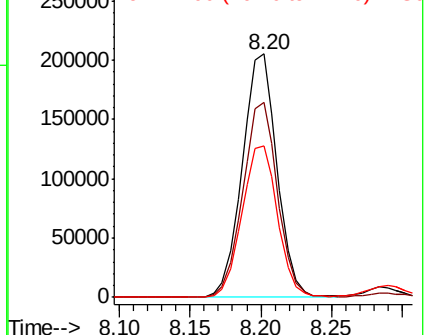
79 100

108 80.0 65.6 98.4

77 62.1 52.0 78.0



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.922 ng

RT: 8.50 min Scan# 920

Delta R.T. -0.00 min

Lab File: BG043912.D

Acq: 4 Jan 2020 8:19

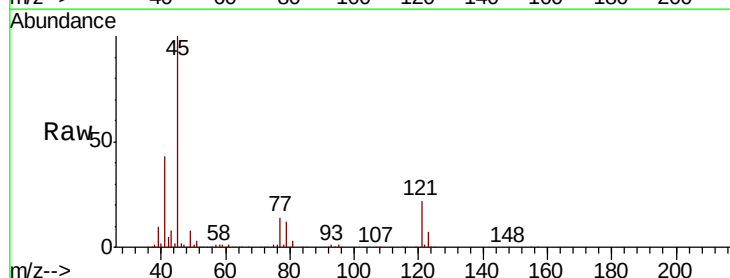
Tgt Ion: 45 Resp: 544606

Ion Ratio Lower Upper

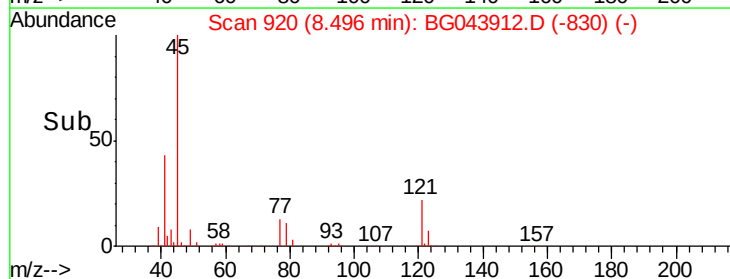
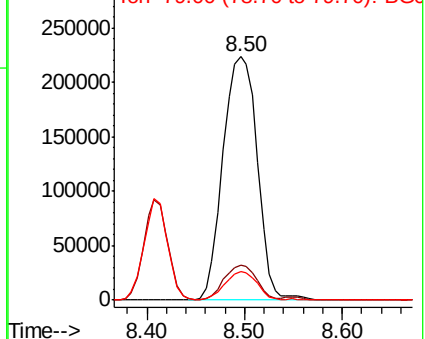
45 100

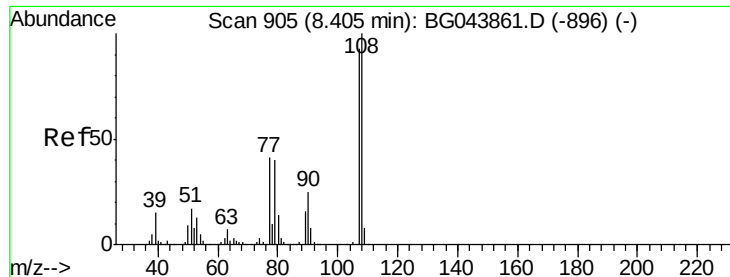
77 14.2 0.0 33.8

79 11.6 0.0 31.0



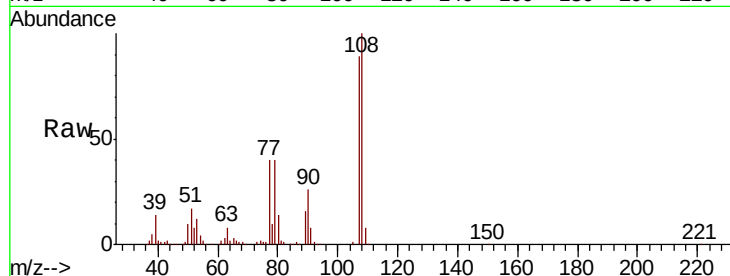
Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17
2-Methylphenol
Concen: 49.244 ng
RT: 8.41 min Scan# 905
Delta R.T. 0.00 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.8	355125	86.1	129.1
77	44.8		35.4	53.0
79	45.5		34.8	52.2



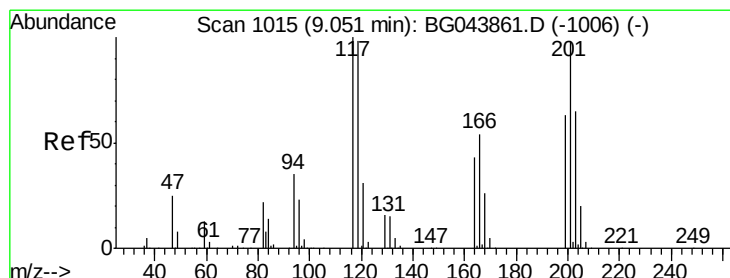
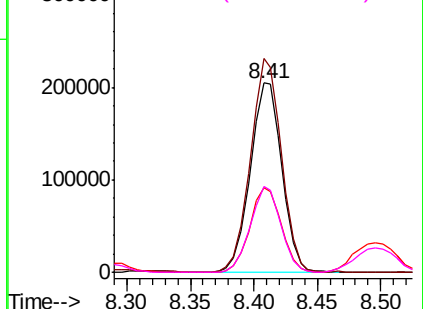
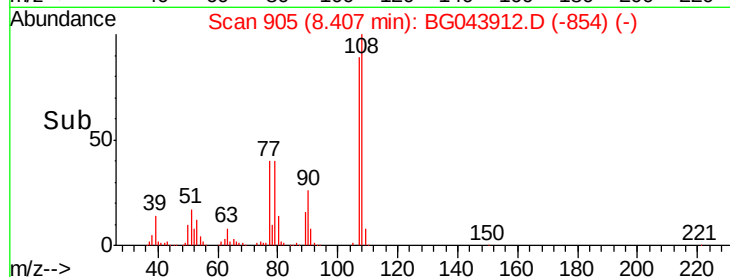
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

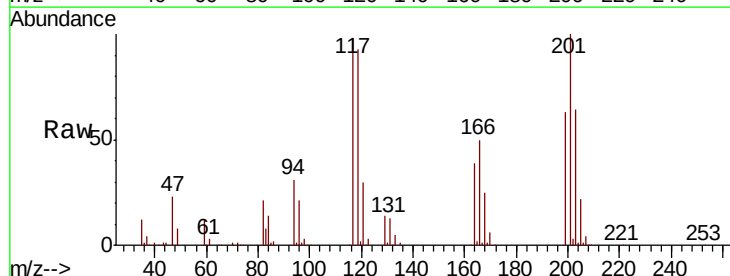
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 42.859 ng
RT: 9.05 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	156421		
119	94.4		78.1	117.1
201	101.6		78.6	117.8

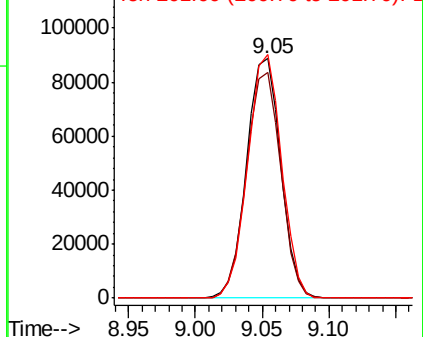
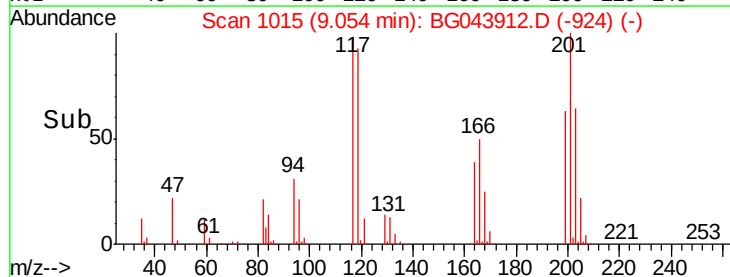


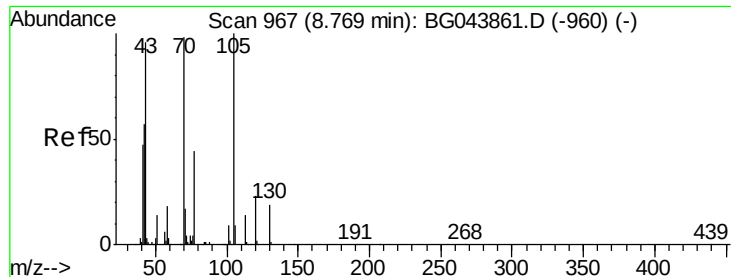
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

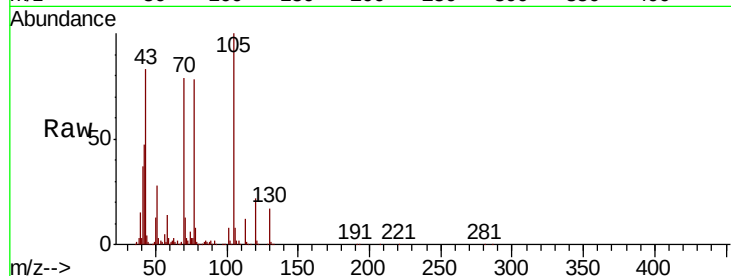
Ion 201.00 (200.70 to 201.70): E



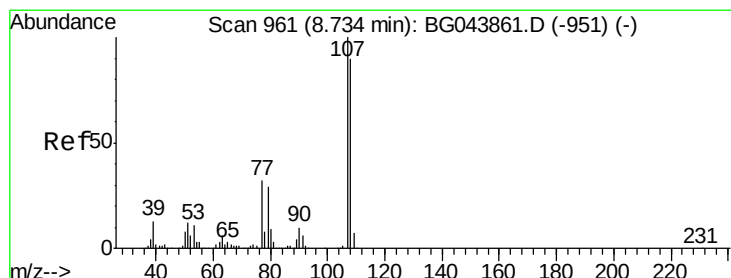
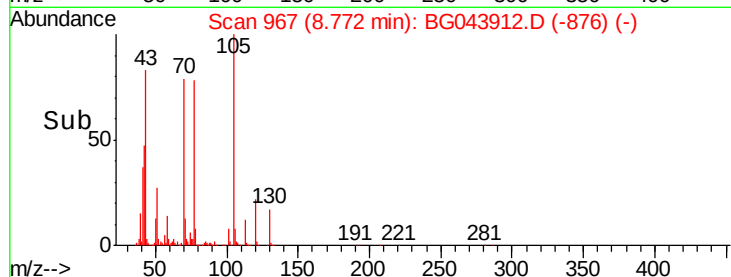
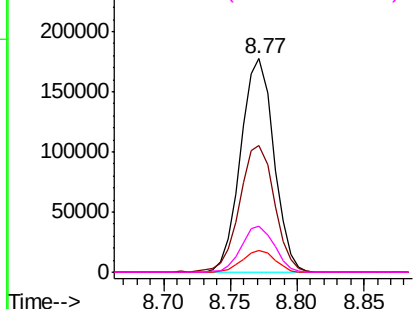


#19
n-Nitroso-di-n-propylamine
Concen: 42.406 ng
RT: 8.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

Tot Ion:	70	Resp:	305453
Ion	Ratio	Lower	Upper
70	100		
42	59.1	47.0	70.4
101	10.3	7.2	10.8
130	21.6	15.6	23.4

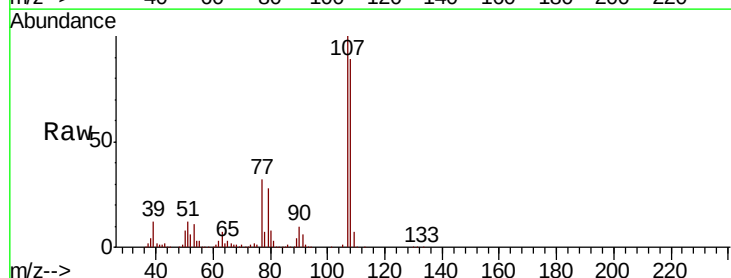


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

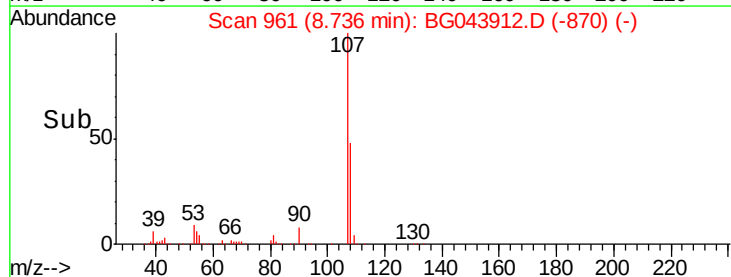
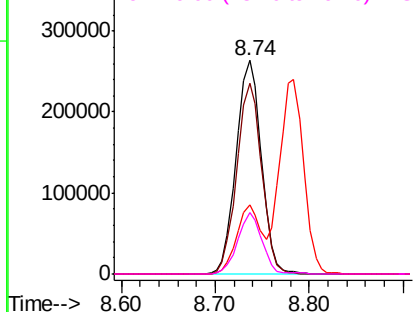


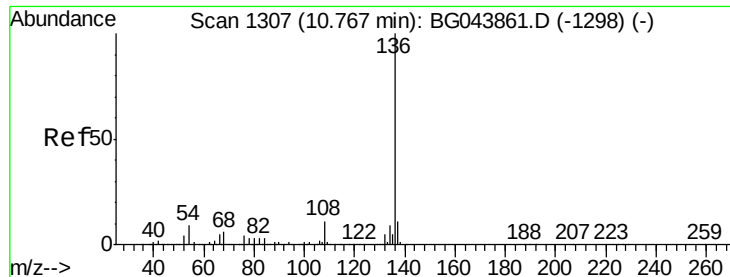
#20
3+4-Methylphenols
Concen: 48.744 ng
RT: 8.74 min Scan# 961
Delta R.T. 0.00 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

Tgt Ion:	107	Resp:	490382
Ion	Ratio	Lower	Upper
107	100		
108	89.1	70.3	110.3
77	32.1	12.4	52.4
79	28.5	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: 10.76 min Scan# 1306

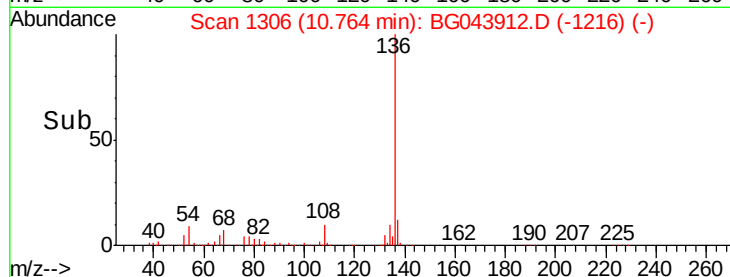
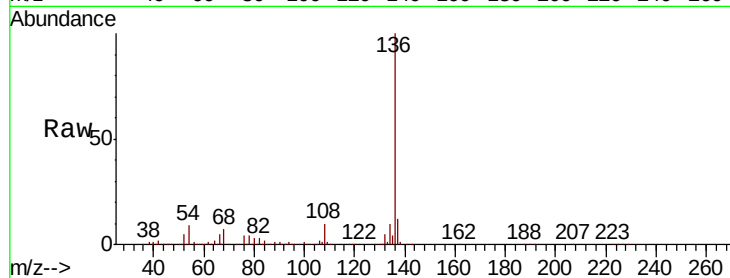
Delta R.T. -0.00 min

Lab File: BG043912.D

Acq: 4 Jan 2020 8:19

Tot Ion:136 Resp: 575794

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	8.6	7.0	10.4
68	6.5	4.9	7.3

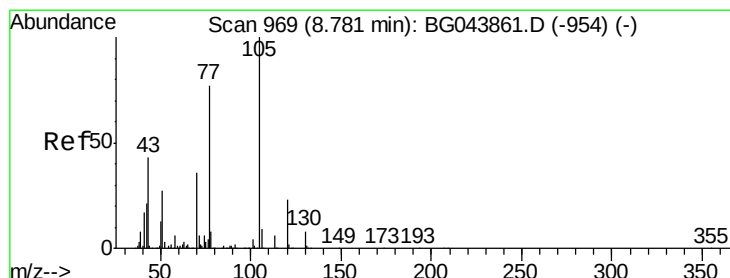
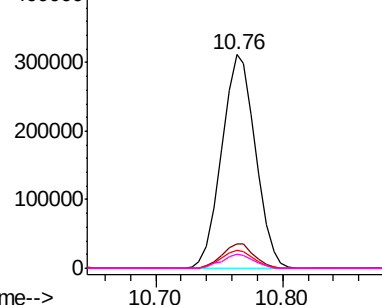


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 39.103 ng

RT: 8.78 min Scan# 969

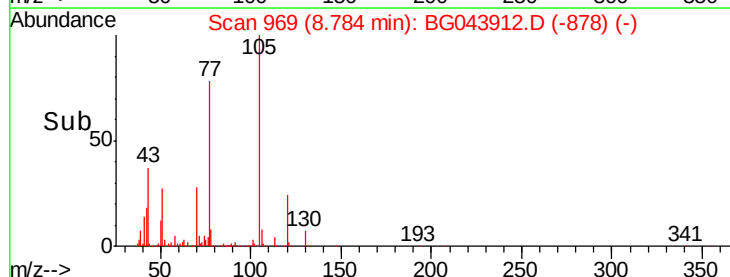
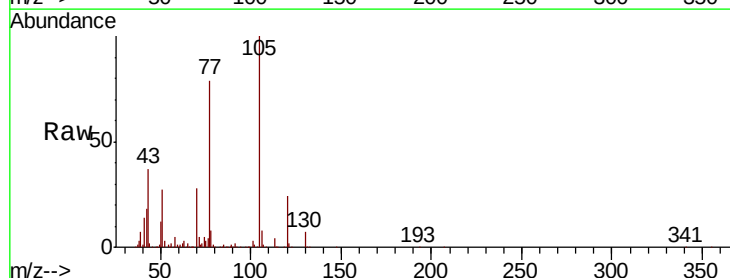
Delta R.T. 0.00 min

Lab File: BG043912.D

Acq: 4 Jan 2020 8:19

Tgt Ion:105 Resp: 559751

Ion	Ratio	Lower	Upper
105	100		
71	5.1	4.8	7.2
51	27.3	21.4	32.0
120	23.5	18.6	28.0

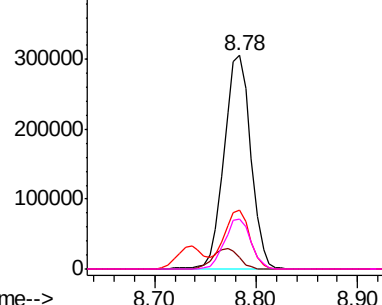


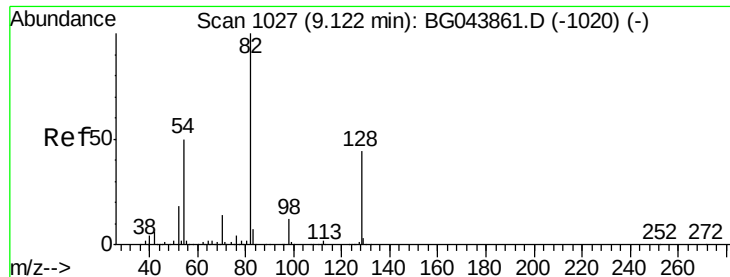
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 80.874 ng

RT: 9.12 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BG043912.D

Acq: 4 Jan 2020 8:19

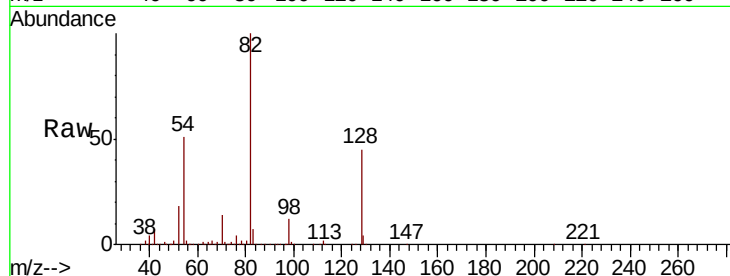
Tot Ion: 82 Resp: 870473

Ion Ratio Lower Upper

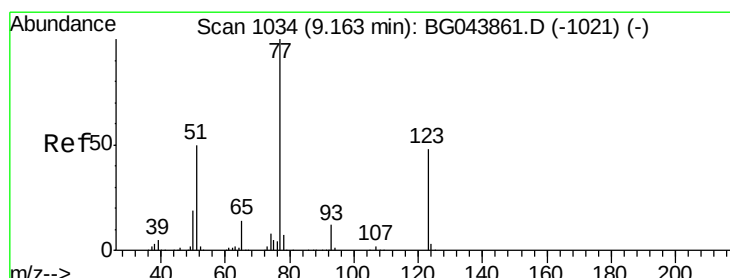
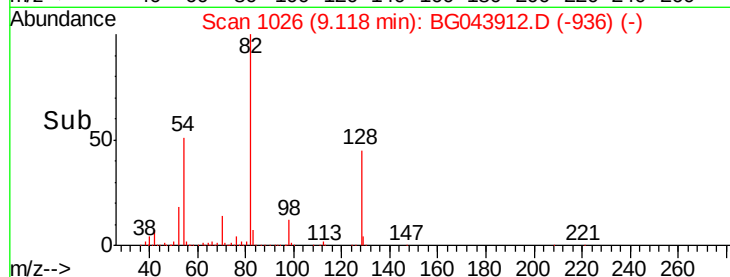
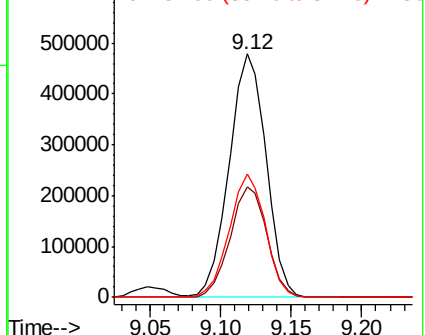
82 100

128 45.5 35.1 52.7

54 50.7 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: 40.802 ng

RT: 9.16 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BG043912.D

Acq: 4 Jan 2020 8:19

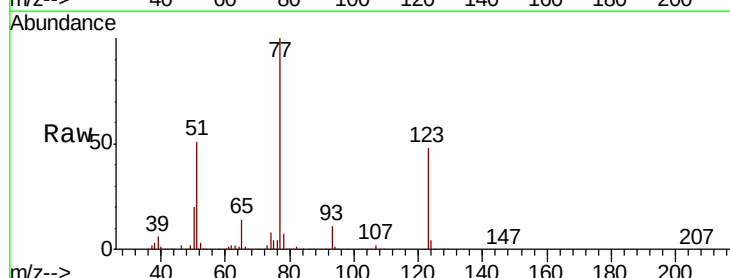
Tgt Ion: 77 Resp: 434962

Ion Ratio Lower Upper

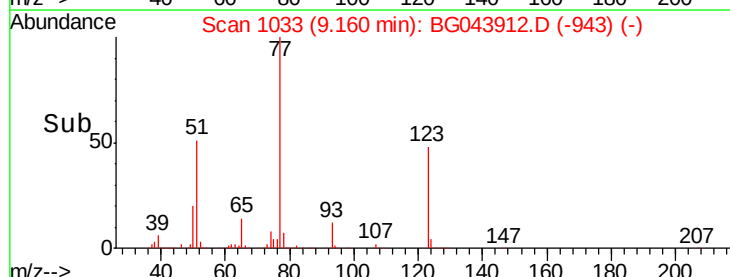
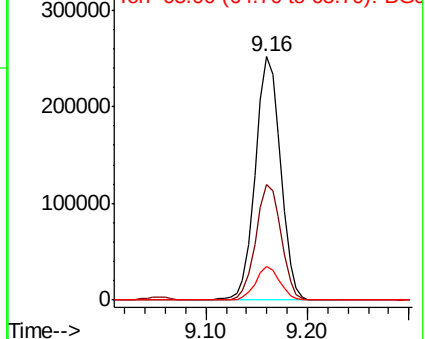
77 100

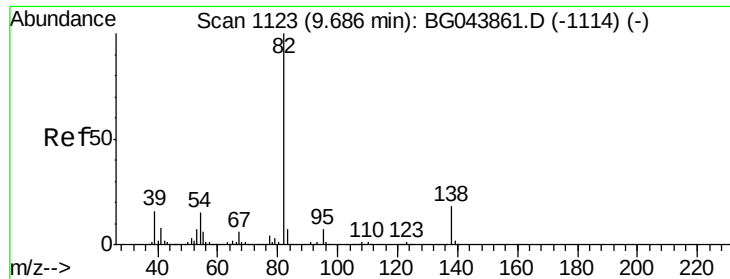
123 47.7 38.7 58.1

65 14.0 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: 41.105 ng

RT: 9.69 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BG043912.D

Acq: 4 Jan 2020 8:19

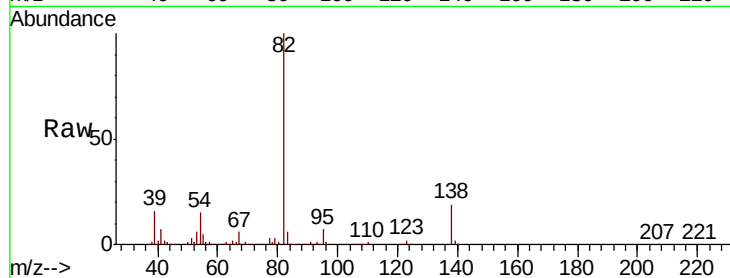
Tot Ion: 82 Resp: 830037

Ion Ratio Lower Upper

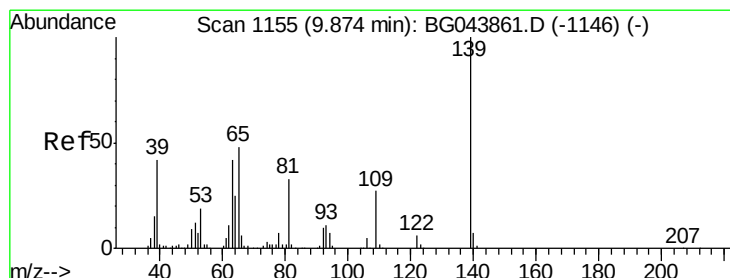
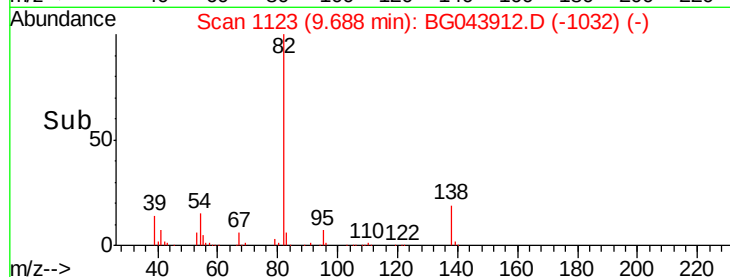
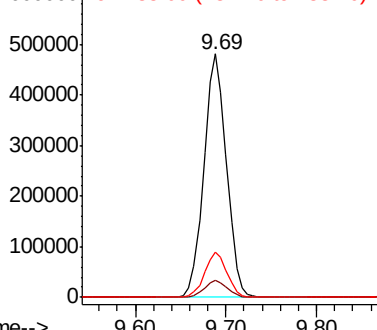
82 100

95 6.8 5.8 8.6

138 18.6 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: 45.232 ng

RT: 9.87 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BG043912.D

Acq: 4 Jan 2020 8:19

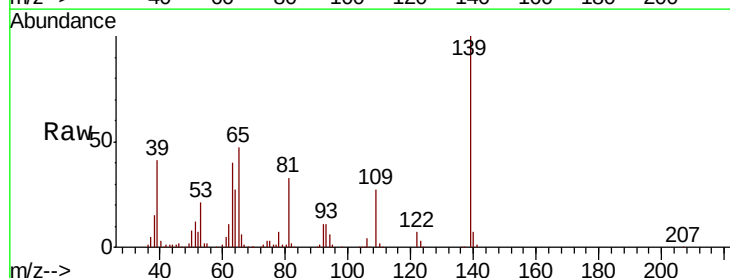
Tgt Ion: 139 Resp: 228130

Ion Ratio Lower Upper

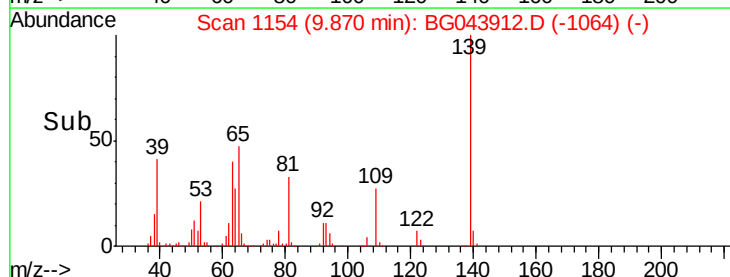
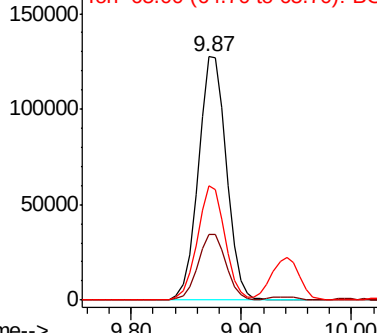
139 100

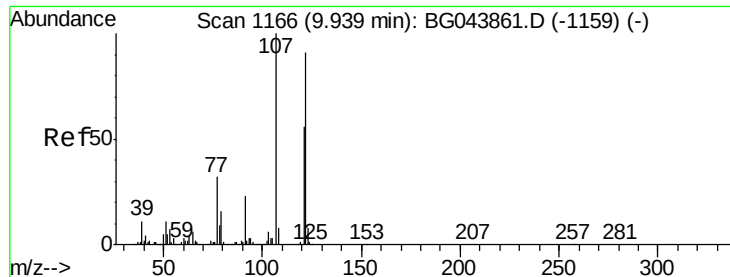
109 26.9 21.3 31.9

65 47.1 38.6 57.8



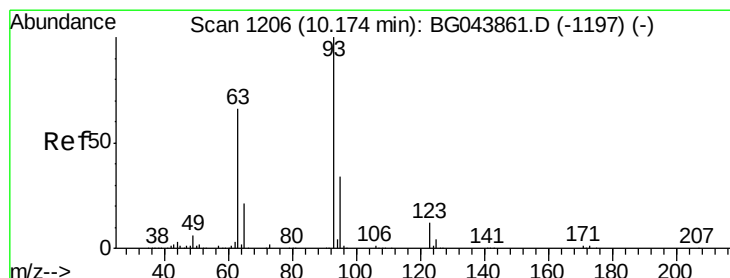
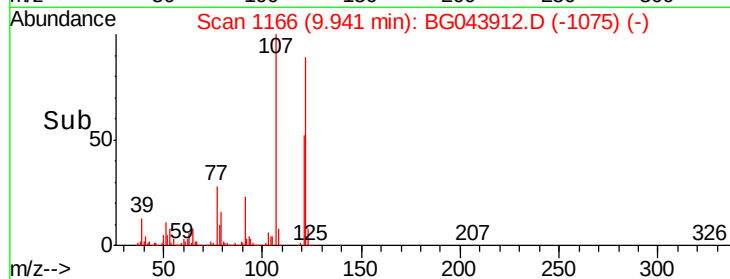
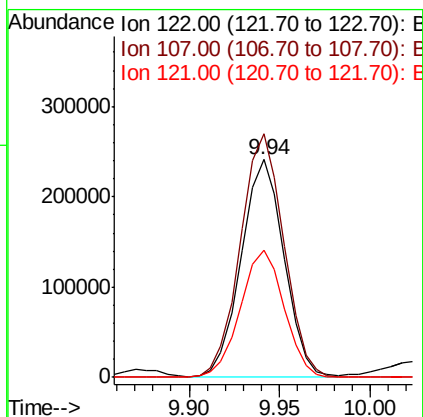
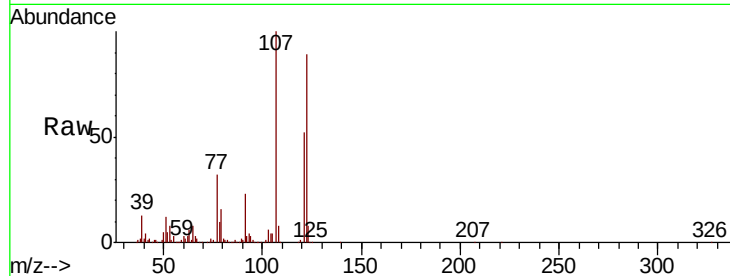
Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





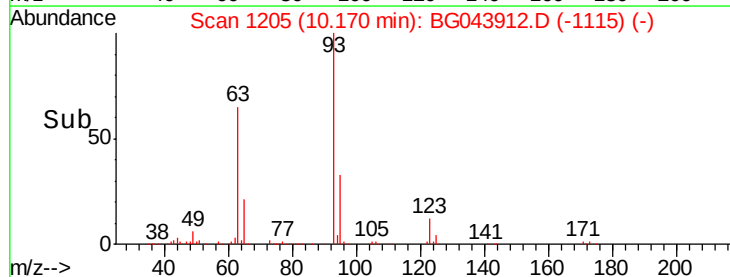
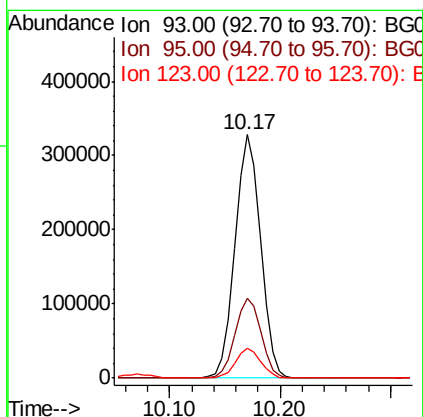
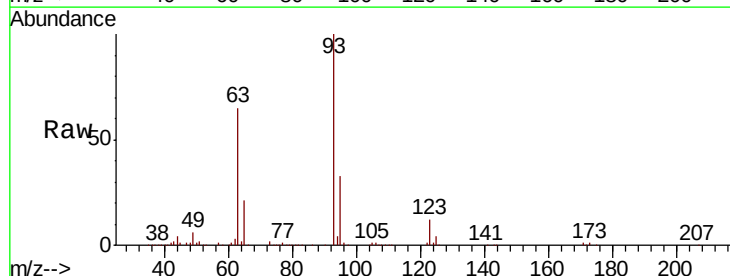
#27
 2,4-Dimethylphenol
 Concen: 52.115 ng
 RT: 9.94 min Scan# 1166
 Delta R.T. 0.00 min
 Lab File: BG043912.D
 Acq: 4 Jan 2020 8:19

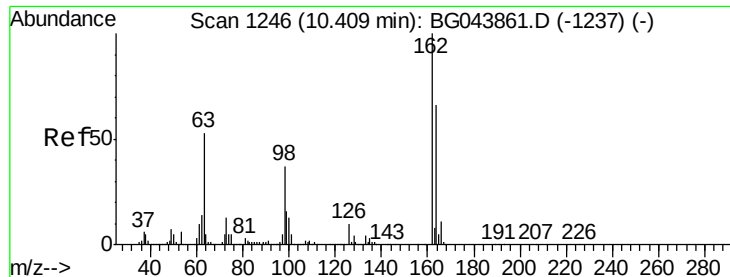
Tot Ion	Ratio	Lower	Upper
122	100		
107	111.9	88.0	132.0
121	58.7	49.0	73.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.766 ng
 RT: 10.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BG043912.D
 Acq: 4 Jan 2020 8:19

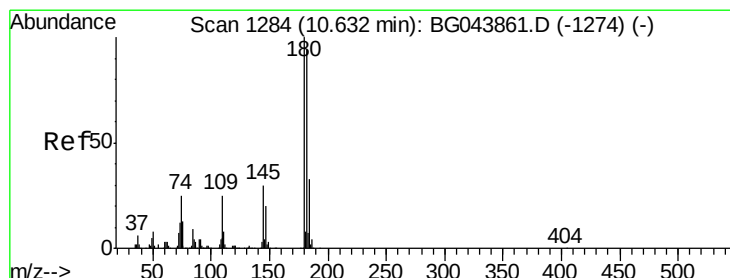
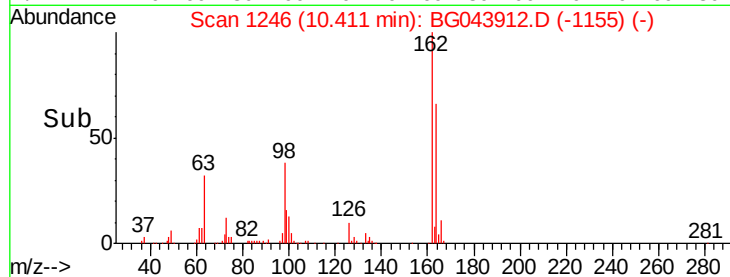
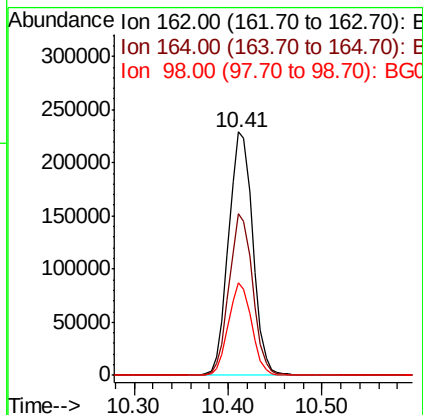
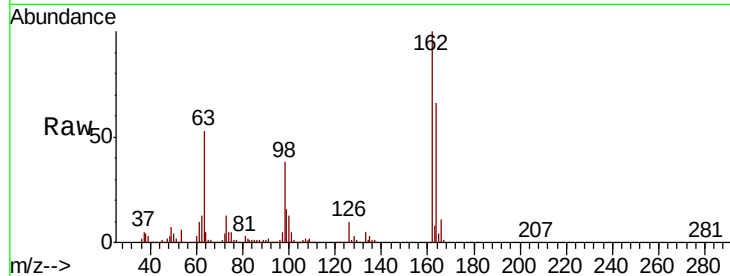
Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	27.2	40.8
123	12.0	9.7	14.5





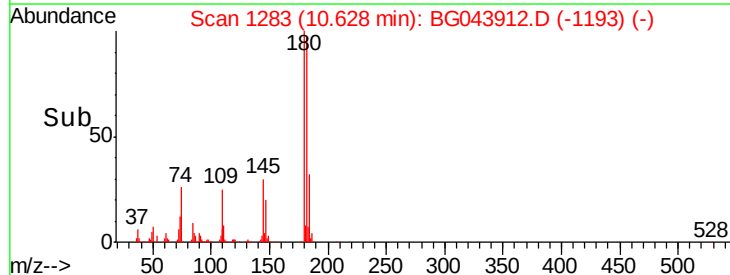
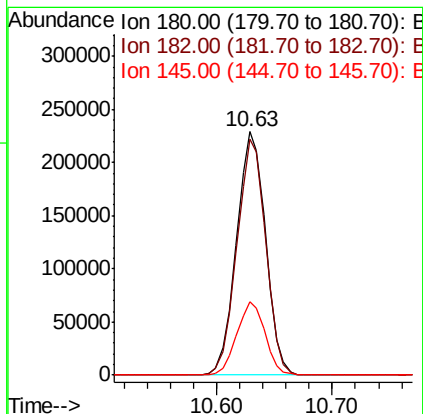
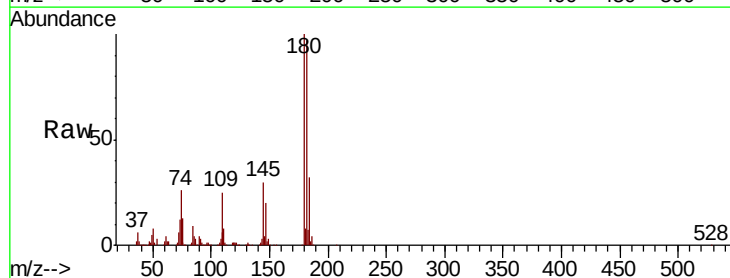
#29
 2,4-Dichlorophenol
 Concen: 45.337 ng
 RT: 10.41 min Scan# 1246
 Delta R.T. 0.00 min
 Lab File: BG043912.D
 Acq: 4 Jan 2020 8:19

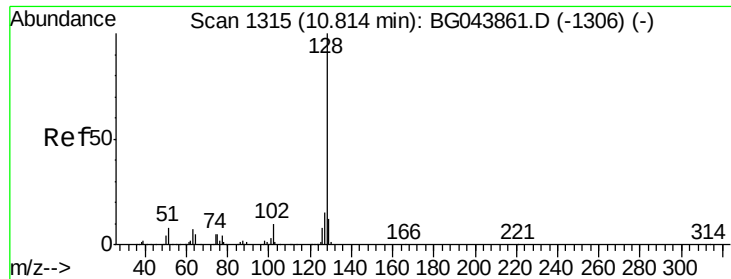
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.4	46.3	86.3
98	38.0	17.3	57.3



#30
 1,2,4-Trichlorobenzene
 Concen: 39.189 ng
 RT: 10.63 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: BG043912.D
 Acq: 4 Jan 2020 8:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	75.0	112.4
145	30.4	24.2	36.4

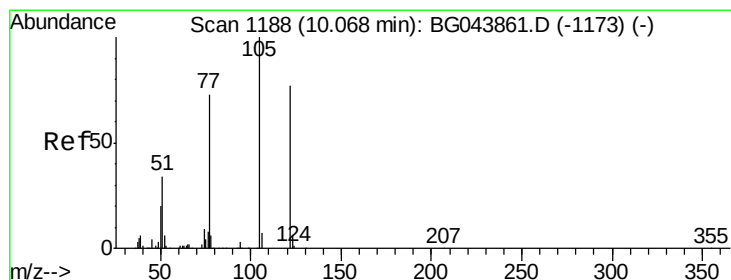
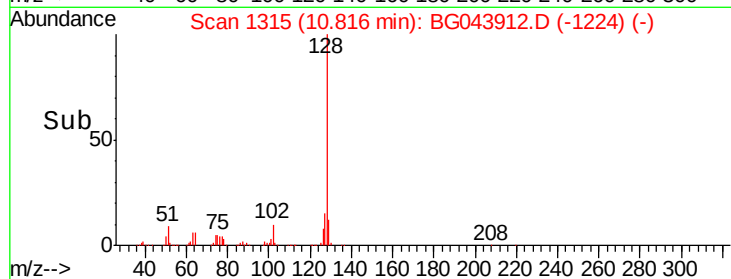
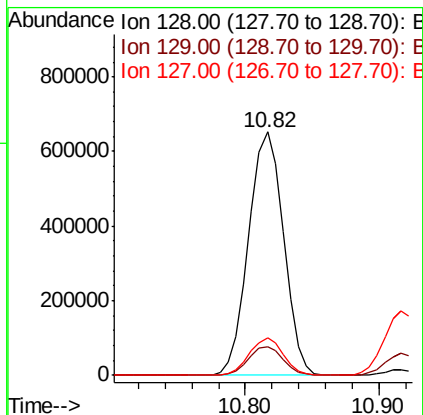
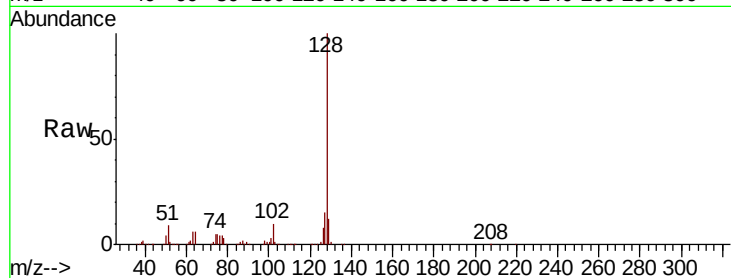




#31
Naphthalene
Concen: 42.357 ng
RT: 10.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

Tot Ion:128 Resp: 1180216

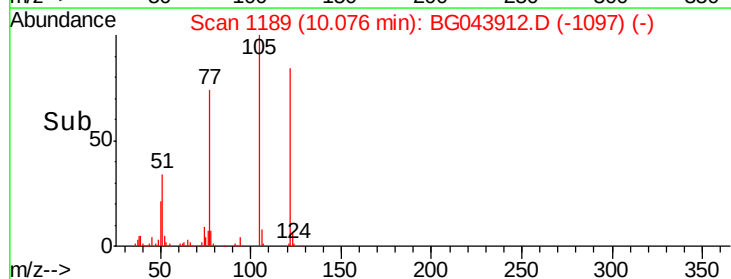
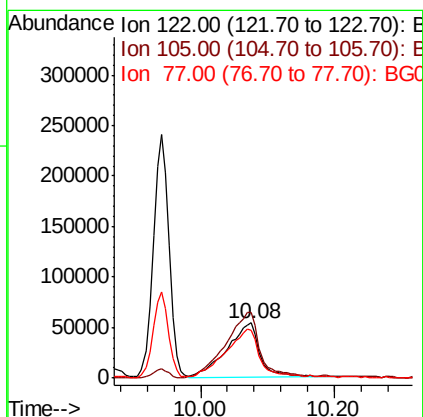
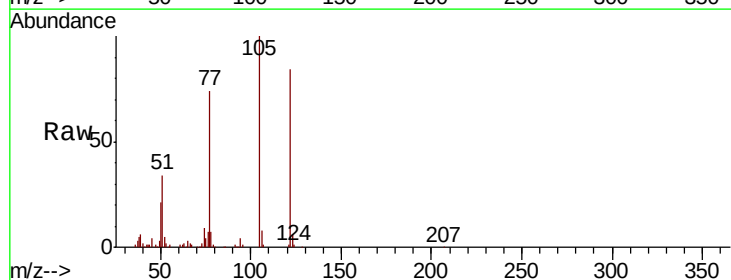
Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.8	14.6
127	15.3	12.0	18.0

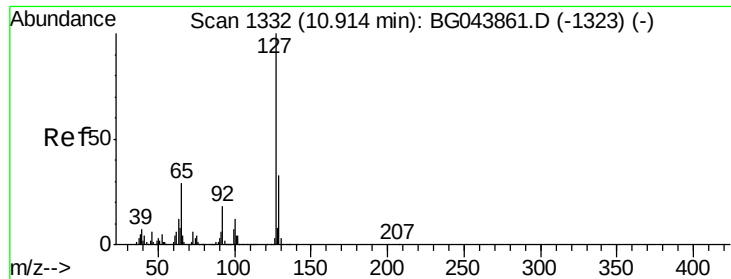


#32
Benzoic acid
Concen: 32.357 ng
RT: 10.08 min Scan# 1189
Delta R.T. 0.01 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

Tgt Ion:122 Resp: 185543

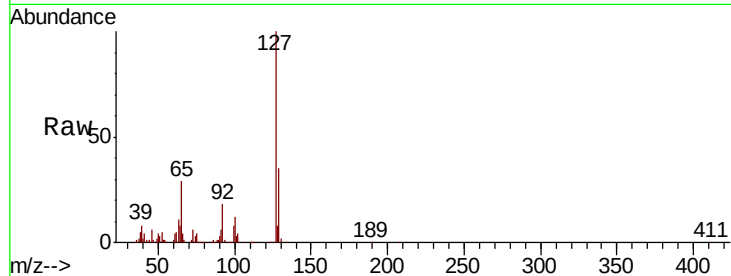
Ion	Ratio	Lower	Upper
122	100		
105	118.5	106.4	146.4
77	87.6	74.6	114.6



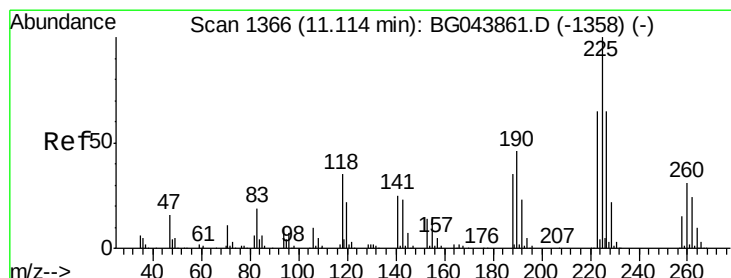
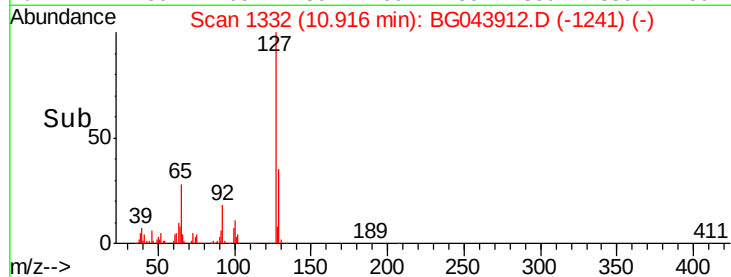
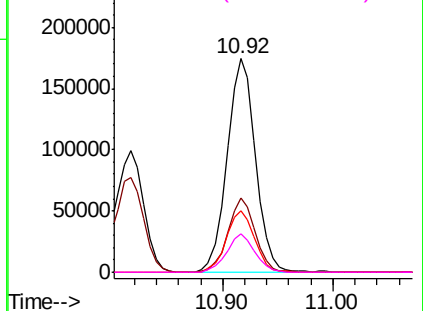


#33
4-Chloroaniline
Concen: 23.683 ng
RT: 10.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

Tot Ion:	127	Resp:	314749
Ion	Ratio	Lower	Upper
127	100		
129	34.5	26.6	40.0
65	28.6	23.3	34.9
92	17.7	14.7	22.1

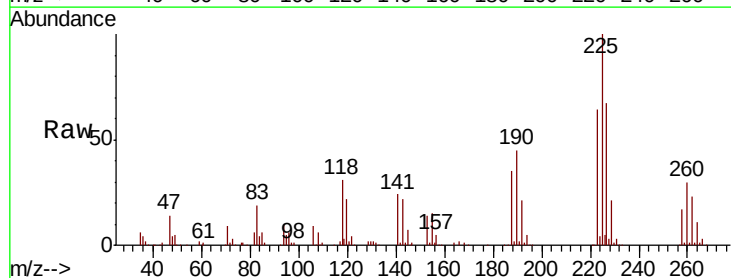


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

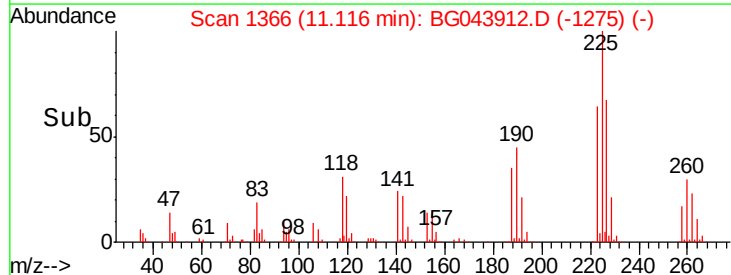
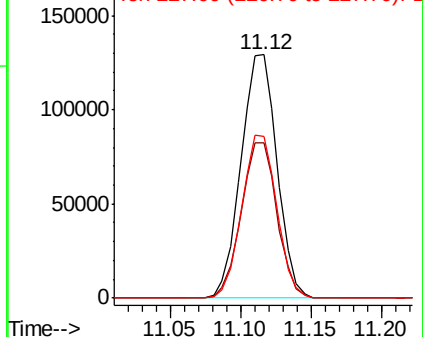


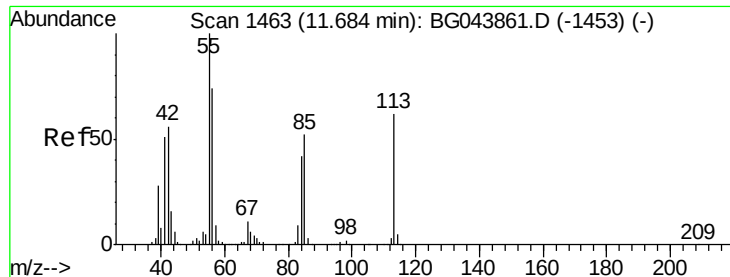
#34
Hexachlorobutadiene
Concen: 37.239 ng
RT: 11.12 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

Tgt Ion:	225	Resp:	230868
Ion	Ratio	Lower	Upper
225	100		
223	64.0	52.2	78.4
227	66.6	52.1	78.1



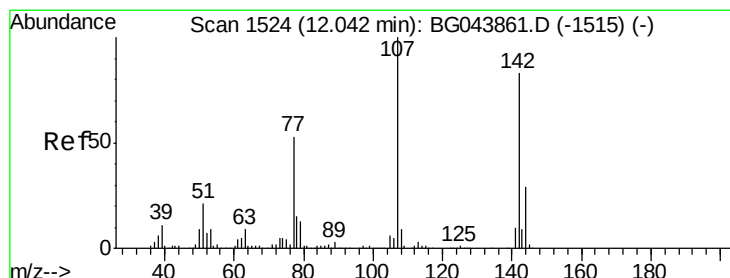
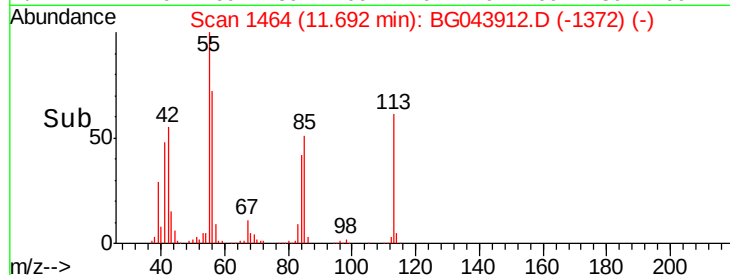
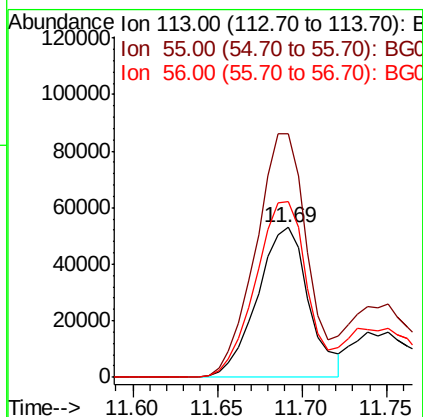
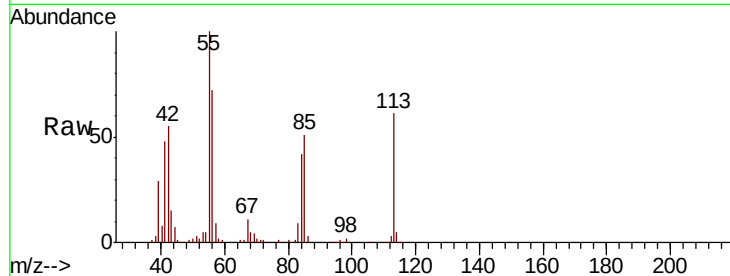
Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





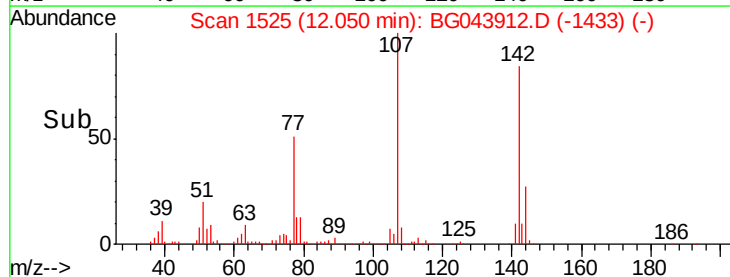
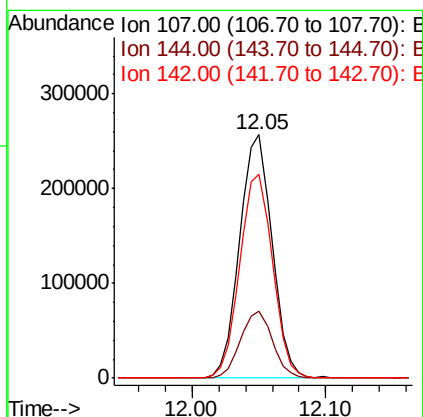
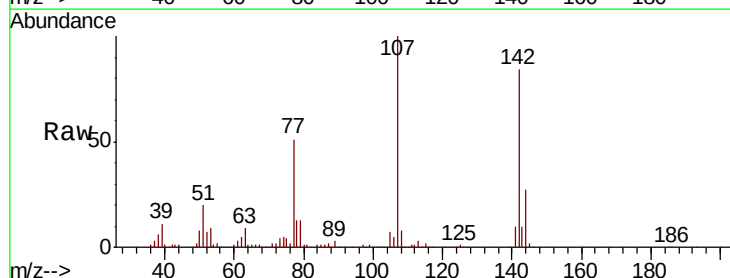
#35
Caprolactam
Concen: 33.379 ng
RT: 11.69 min Scan# 1464
Delta R.T. 0.01 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

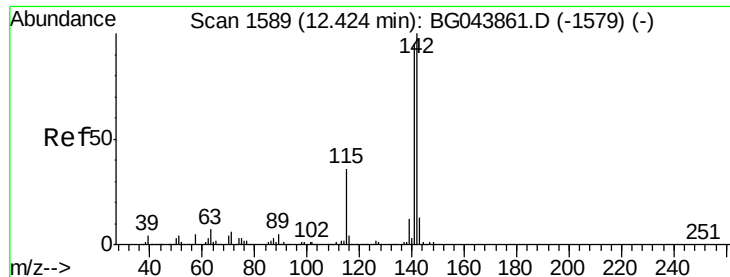
Tot Ion:113 Resp: 112530
Ion Ratio Lower Upper
113 100
55 162.8 142.5 182.5
56 117.8 101.4 141.4



#36
4-Chloro-3-methylphenol
Concen: 45.008 ng
RT: 12.05 min Scan# 1525
Delta R.T. 0.01 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

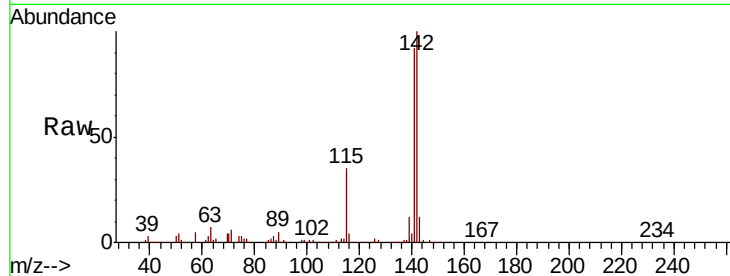
Tgt Ion:107 Resp: 433907
Ion Ratio Lower Upper
107 100
144 27.4 23.4 35.2
142 83.8 66.3 99.5





#37
2-Methylnaphthalene
Concen: 42.418 ng
RT: 12.42 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.6	75.8	113.8
115	35.1	28.6	42.8

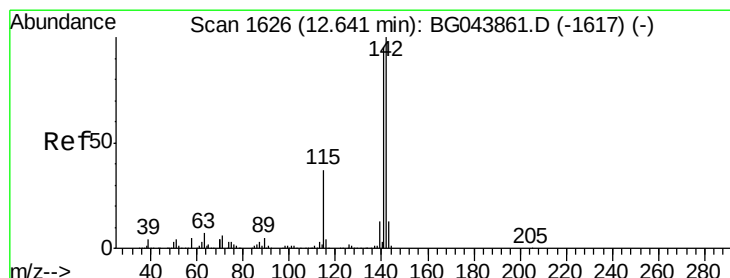
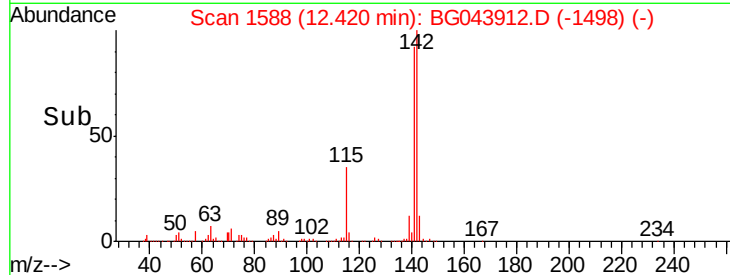
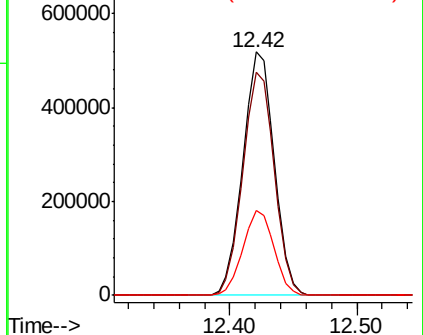


Abundance

Ion 142.00 (141.70 to 142.70): E

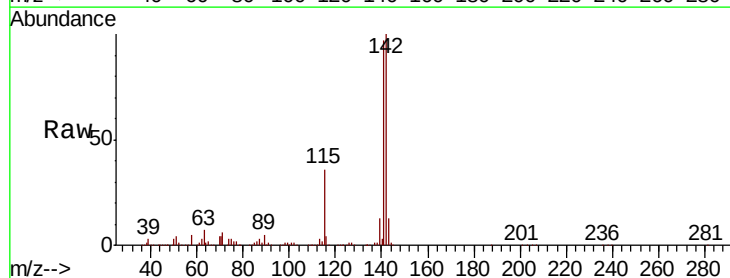
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 42.438 ng
RT: 12.64 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

Tgt Ion	Ratio	Lower	Upper
142	100		
141	97.5	76.0	114.0
116	4.0	3.1	4.7

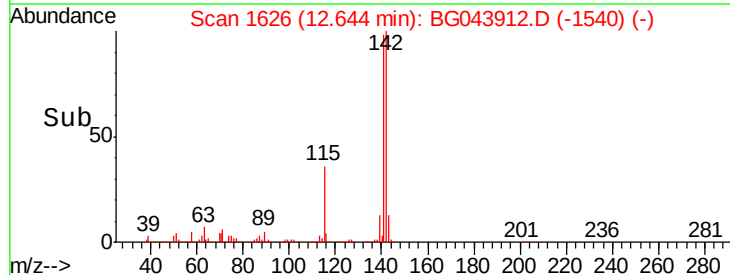
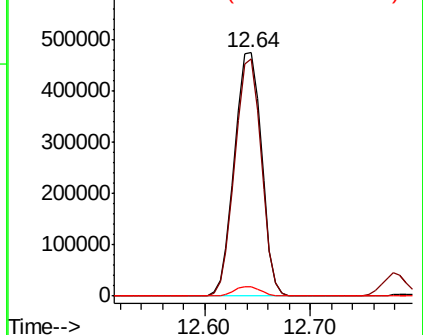


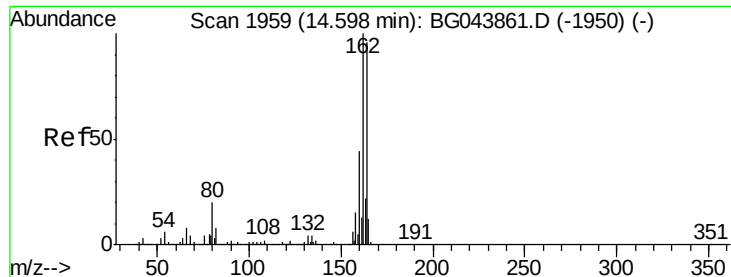
Abundance

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. -0.00 min

Lab File: BG043912.D

Acq: 4 Jan 2020 8:19

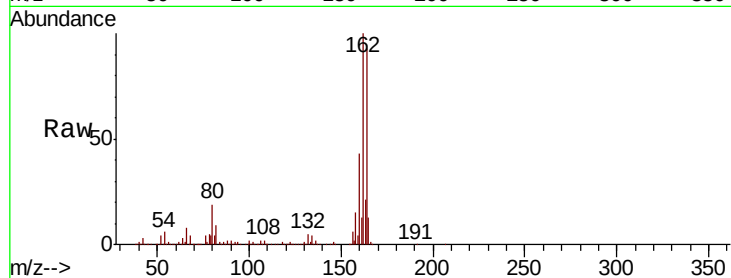
Tot Ion:164 Resp: 382844

Ion Ratio Lower Upper

164 100

162 107.3 83.0 124.4

160 46.6 36.1 54.1

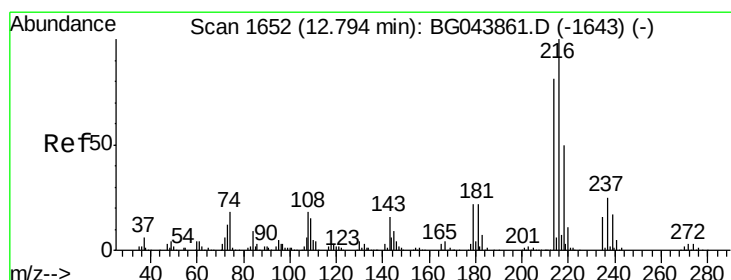
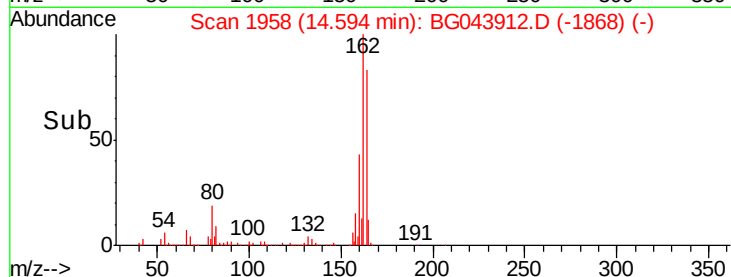
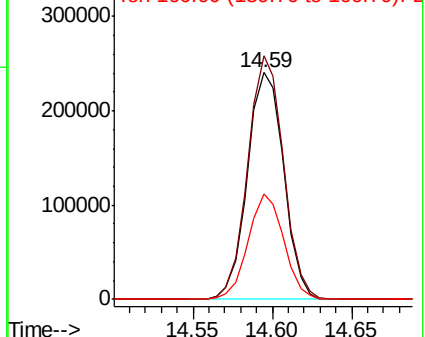


Abundance

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: 37.612 ng

RT: 12.80 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BG043912.D

Acq: 4 Jan 2020 8:19

Tgt Ion:216 Resp: 422048

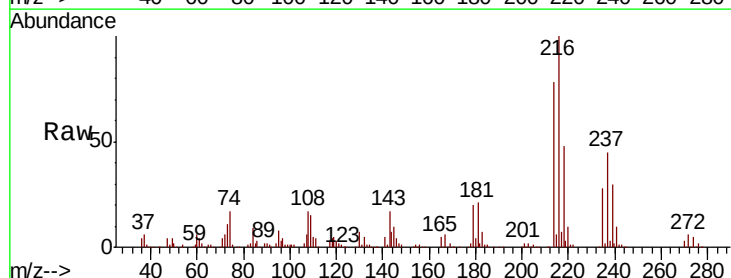
Ion Ratio Lower Upper

216 100

214 79.0 63.8 95.8

179 21.6 17.3 25.9

108 21.4 15.3 22.9



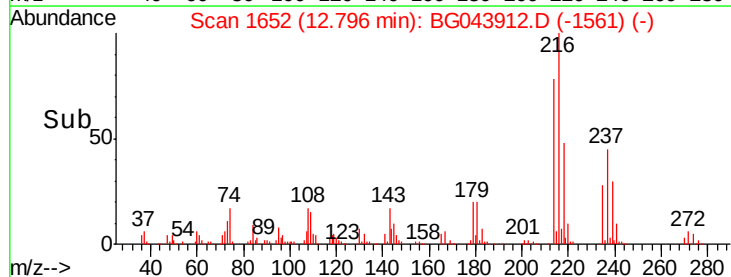
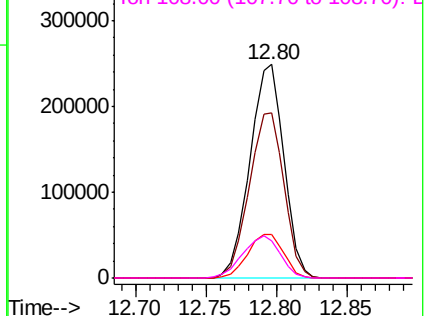
Abundance

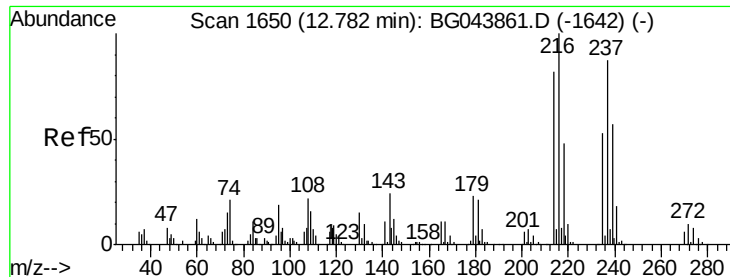
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

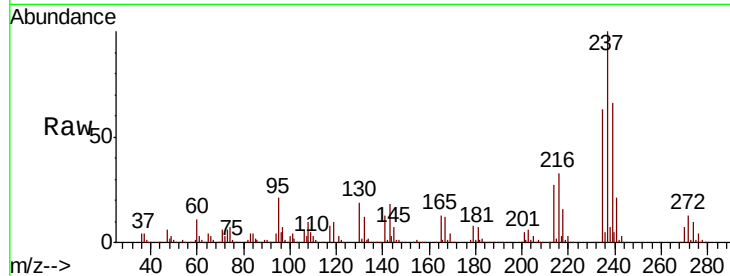
Ion 108.00 (107.70 to 108.70): E



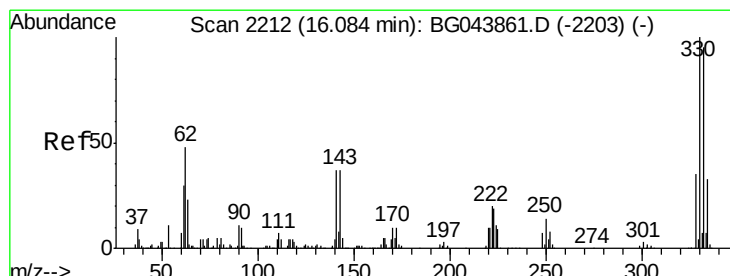
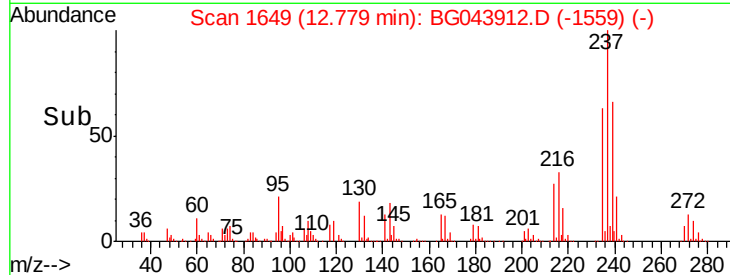
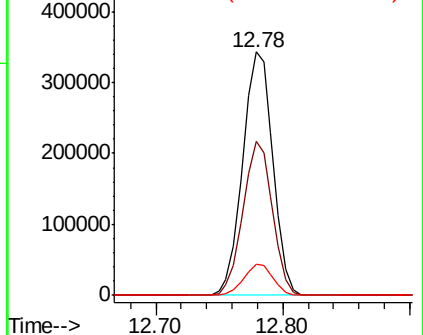


#41
Hexachlorocyclopentadiene
Concen: 97.007 ng
RT: 12.78 min Scan# 1649
Delta R.T. -0.00 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

Tot Ion:	237	Resp:	564339
Ion	Ratio	Lower	Upper
237	100		
235	63.0	41.1	81.1
272	12.6	0.0	31.7

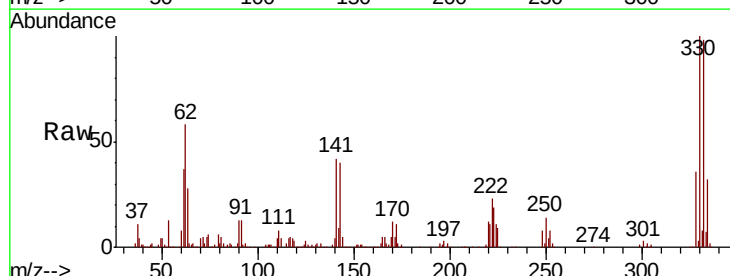


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

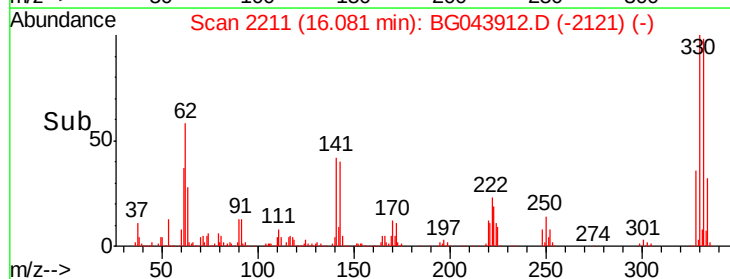
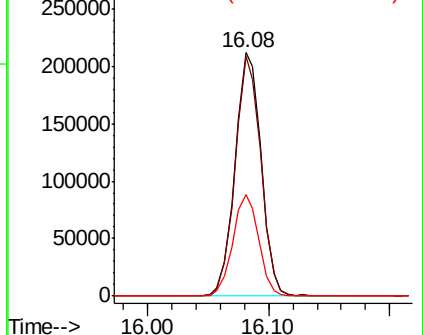


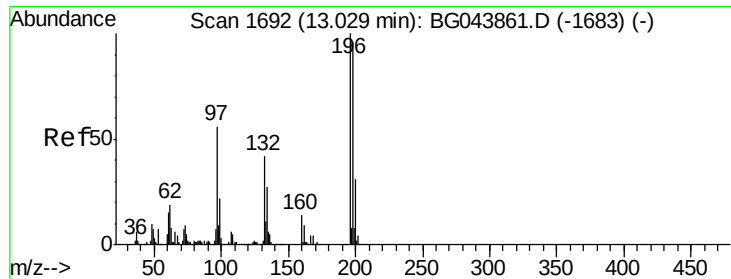
#42
2,4,6-Tribromophenol
Concen: 79.751 ng
RT: 16.08 min Scan# 2211
Delta R.T. -0.00 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

Tgt Ion:	330	Resp:	319513
Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.2	115.8
141	41.5	33.1	49.7



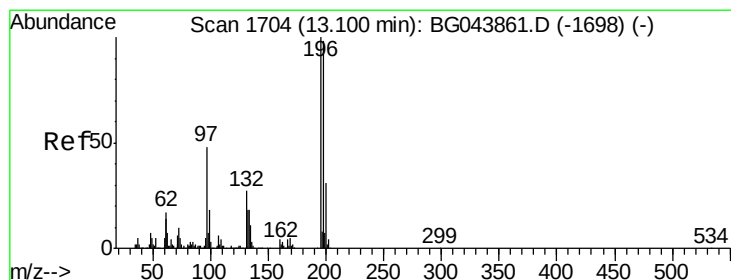
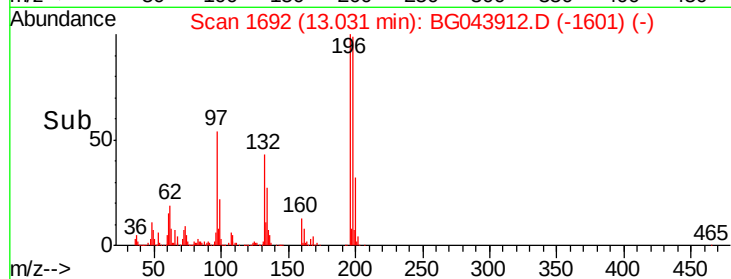
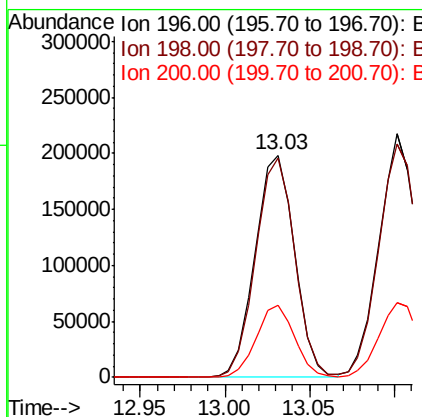
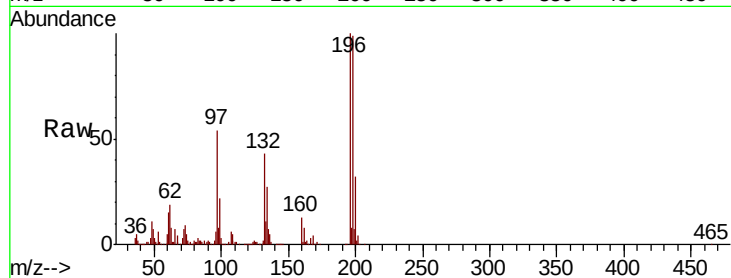
Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





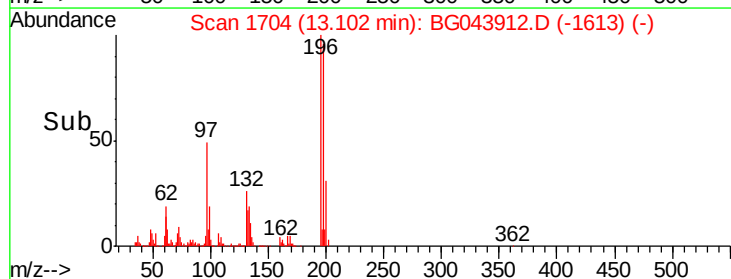
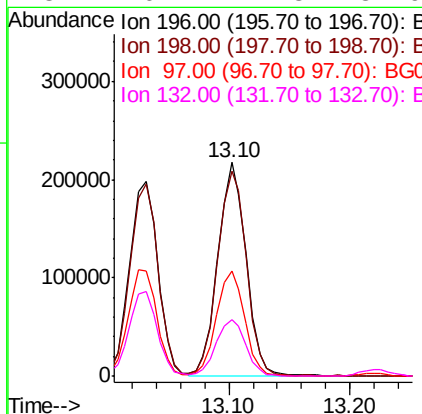
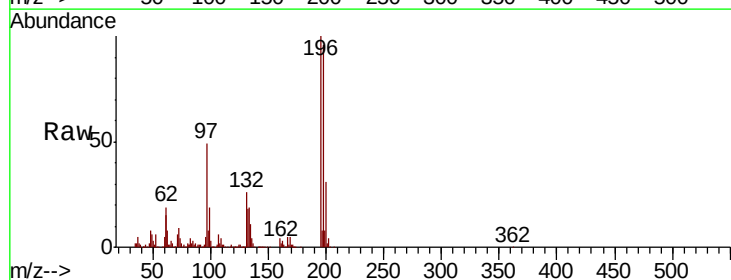
#43
 2,4,6-Trichlorophenol
 Concen: 41.828 ng
 RT: 13.03 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: BG043912.D
 Acq: 4 Jan 2020 8:19

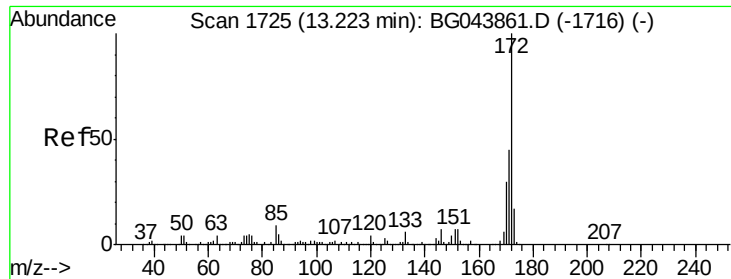
Tot Ion	Ratio	Lower	Upper
196	100		
198	98.5	76.6	115.0
200	32.2	24.6	37.0



#44
 2,4,5-Trichlorophenol
 Concen: 43.814 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. 0.00 min
 Lab File: BG043912.D
 Acq: 4 Jan 2020 8:19

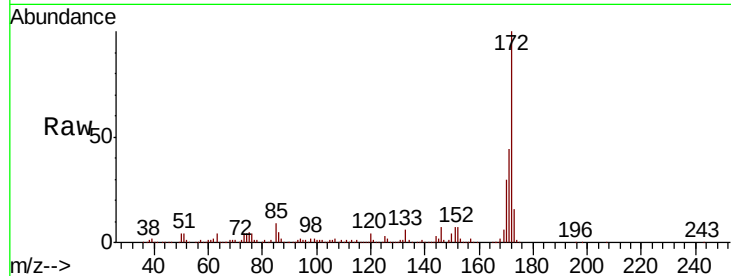
Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.1	78.3	117.5
97	48.9	38.8	58.2
132	26.4	21.3	31.9



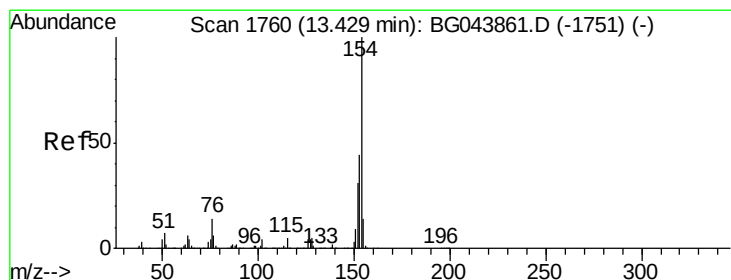
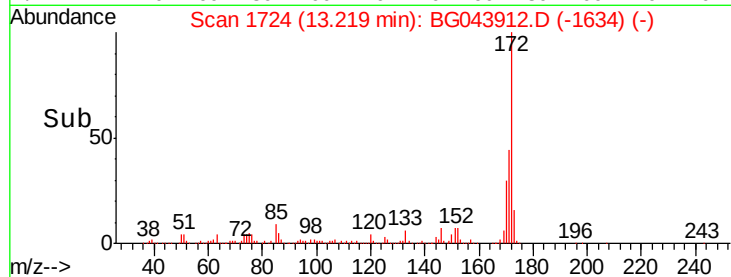
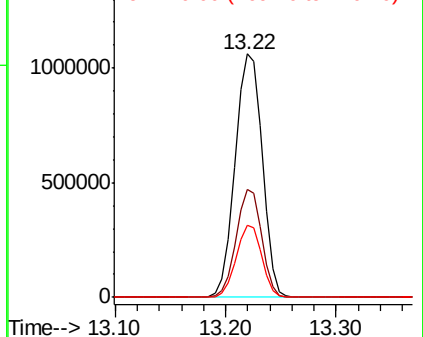


#45
2-Fluorobiphenyl
Concen: 86.678 ng
RT: 13.22 min Scan# 1724
Delta R.T. -0.00 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

Tot Ion:172 Resp: 1831596
Ion Ratio Lower Upper
172 100
171 44.1 35.8 53.8
170 29.8 24.2 36.4

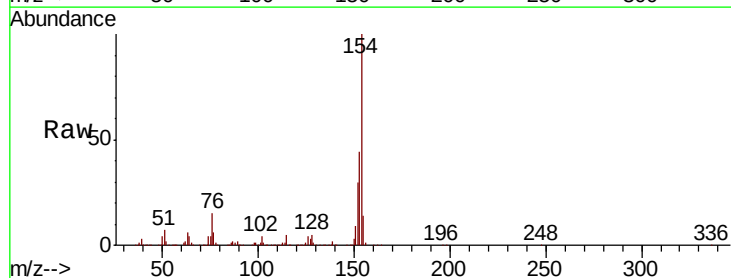


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

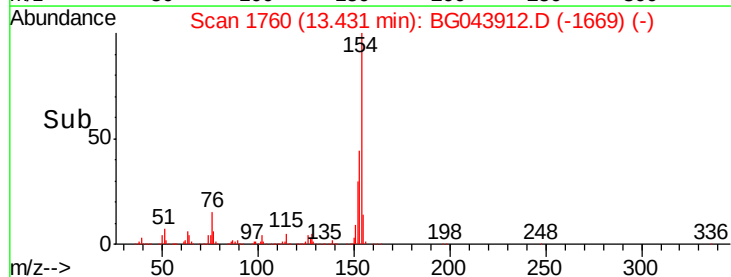
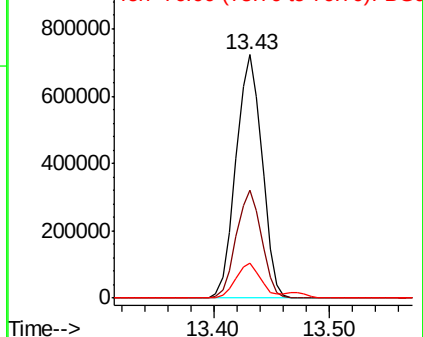


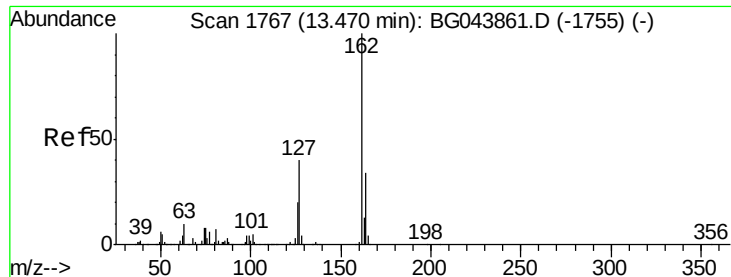
#46
1,1'-Biphenyl
Concen: 41.103 ng
RT: 13.43 min Scan# 1760
Delta R.T. 0.00 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

Tgt Ion:154 Resp: 1128254
Ion Ratio Lower Upper
154 100
153 44.1 23.6 63.6
76 14.6 0.0 34.4



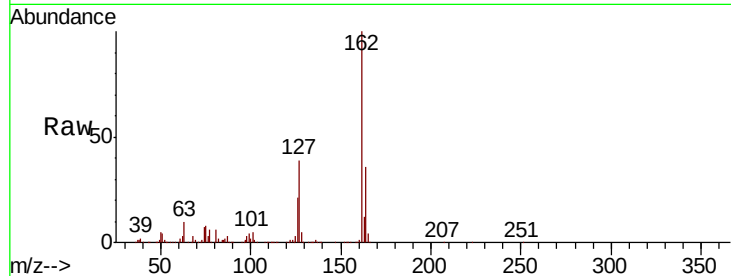
Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BGC



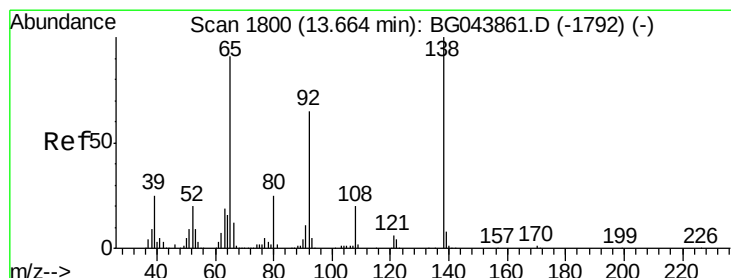
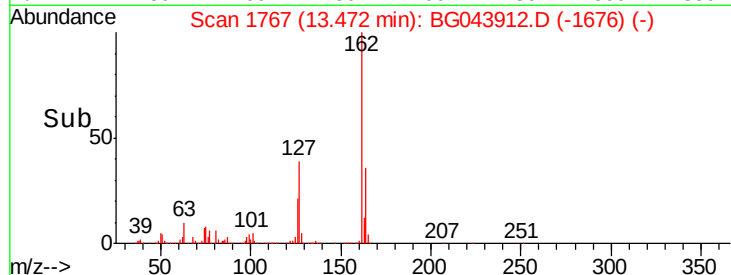
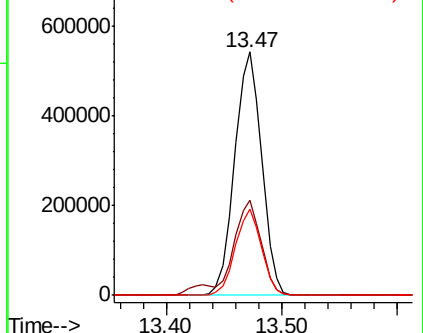


#47
2-Chloronaphthalene
Concen: 39.581 ng
RT: 13.47 min Scan# 1767
Delta R.T. 0.00 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.0	32.1	48.1
164	35.6	27.5	41.3

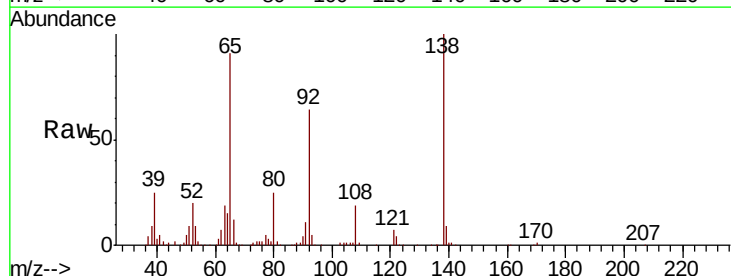


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

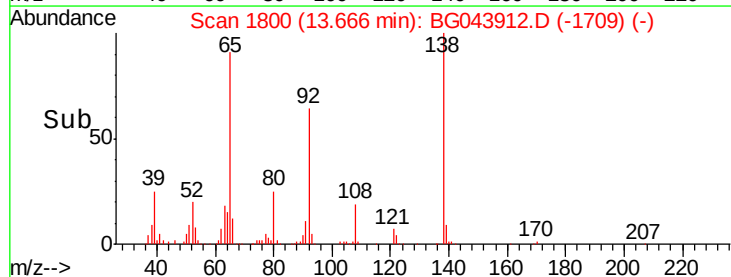
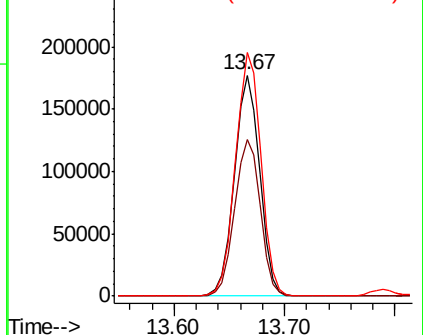


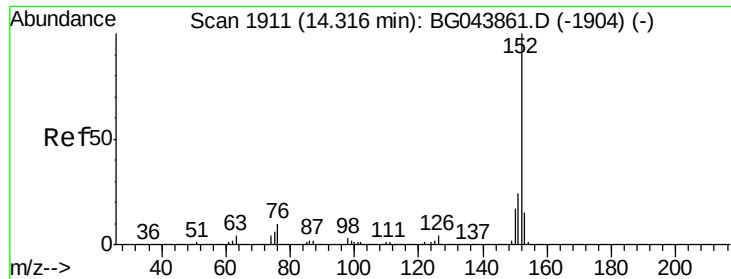
#48
2-Nitroaniline
Concen: 39.943 ng
RT: 13.67 min Scan# 1800
Delta R.T. 0.00 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.8	57.4	86.2
138	110.2	88.2	132.4



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





#49

Acenaphthylene

Concen: 43.239 ng

RT: 14.32 min Scan# 1911

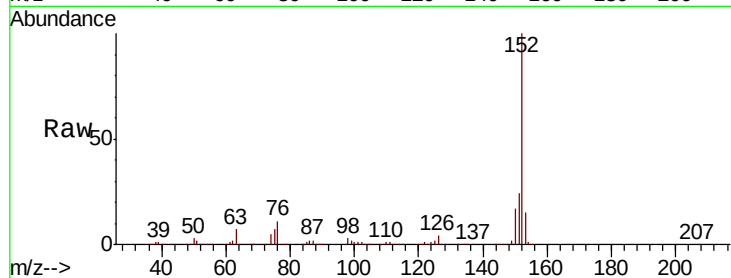
Delta R.T. 0.00 min

Lab File: BG043912.D

Acq: 4 Jan 2020 8:19

Tot Ion:152 Resp: 1378487

Ion	Ratio	Lower	Upper
152	100		
151	23.8	19.4	29.2
153	15.3	12.0	18.0

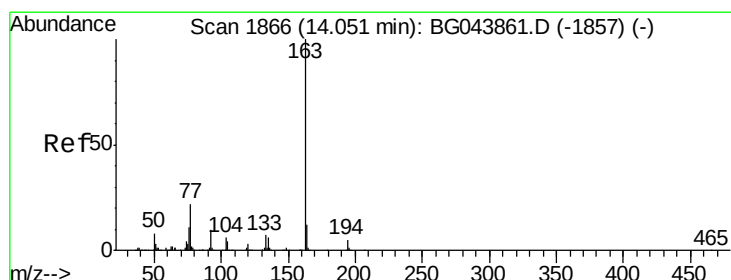
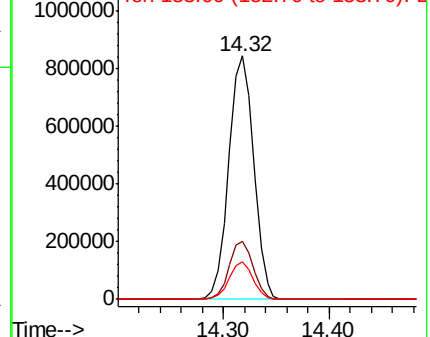
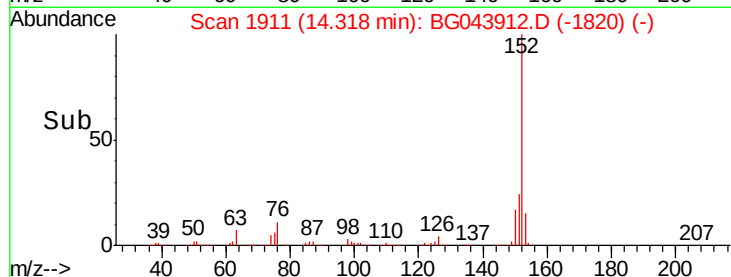


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.499 ng

RT: 14.05 min Scan# 1866

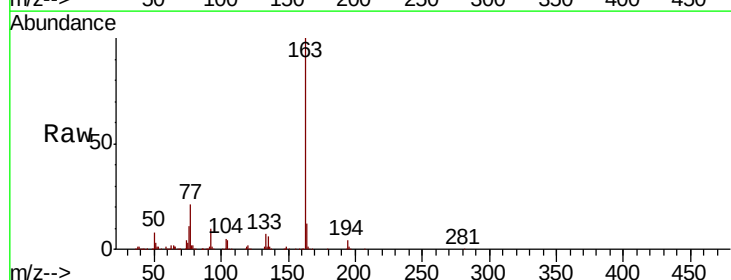
Delta R.T. 0.00 min

Lab File: BG043912.D

Acq: 4 Jan 2020 8:19

Tgt Ion:163 Resp: 1128091

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.7	5.5
164	12.0	9.3	13.9

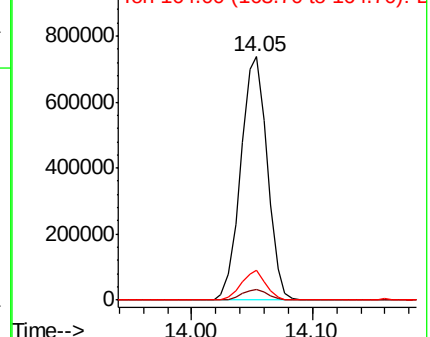
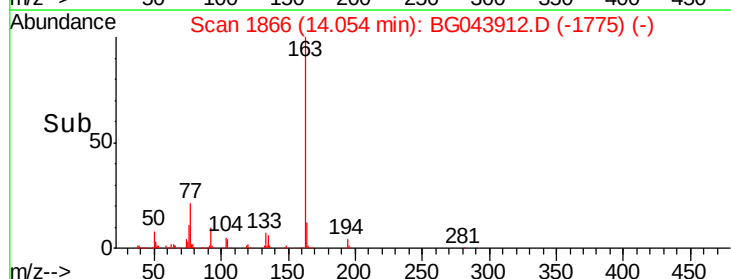


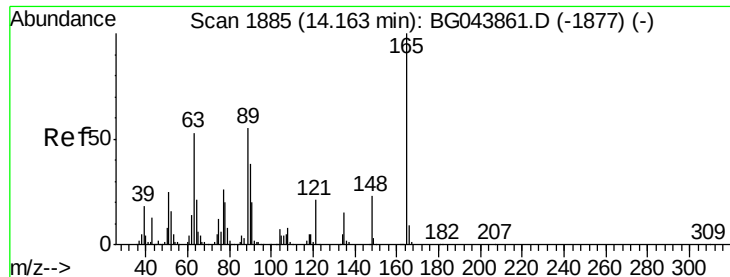
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

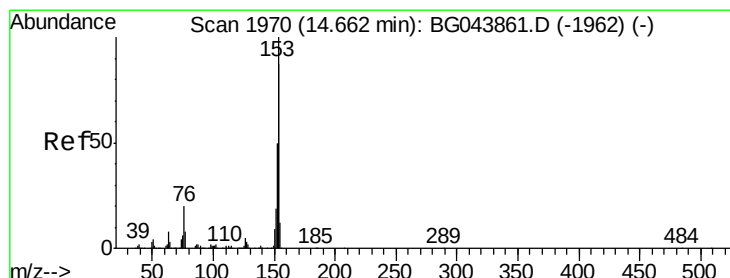
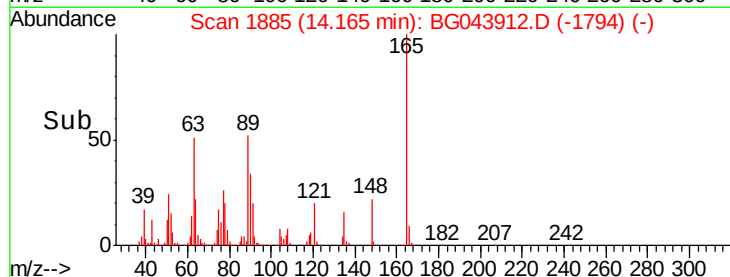
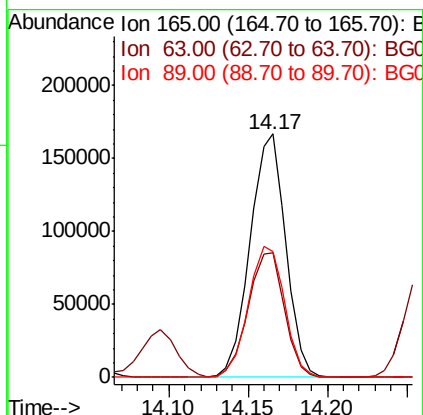
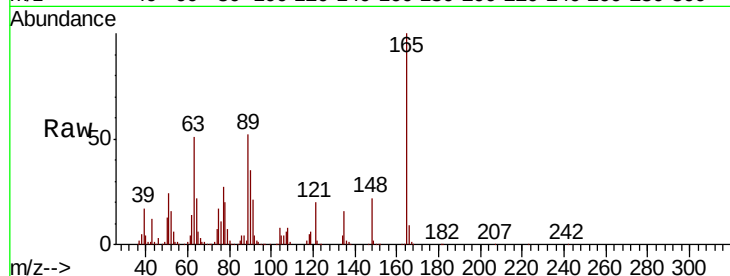
Ion 164.00 (163.70 to 164.70): E





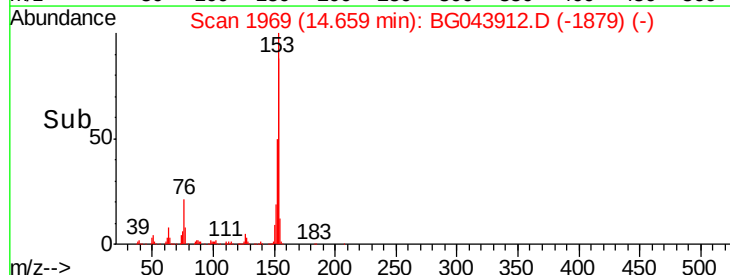
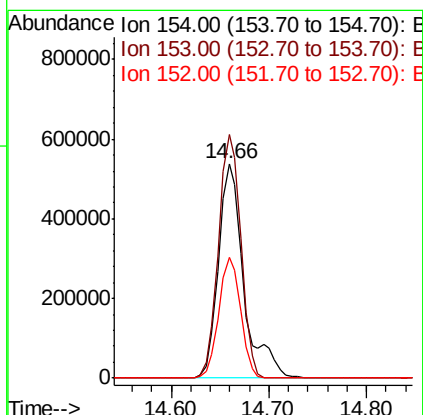
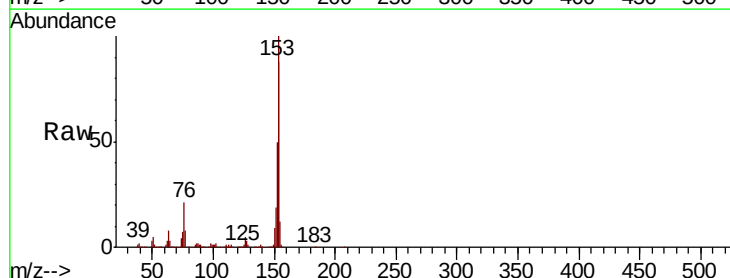
#51
 2,6-Dinitrotoluene
 Concen: 42.423 ng
 RT: 14.17 min Scan# 1885
 Delta R.T. 0.00 min
 Lab File: BG043912.D
 Acq: 4 Jan 2020 8:19

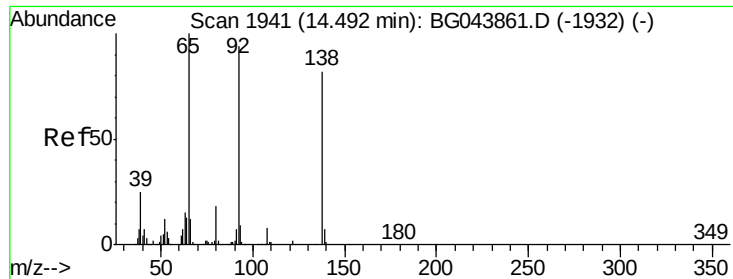
Tot Ion	Ratio	Lower	Upper
165	100		
63	51.3	43.1	64.7
89	51.8	43.8	65.6



#52
 Acenaphthene
 Concen: 43.727 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: BG043912.D
 Acq: 4 Jan 2020 8:19

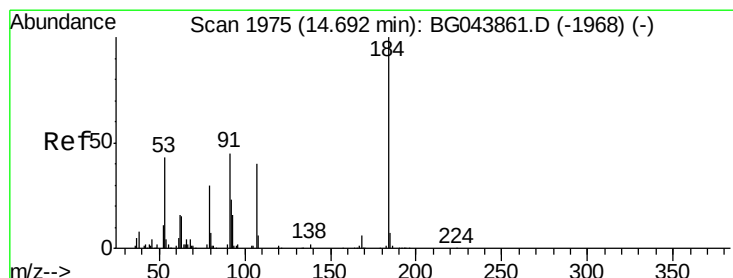
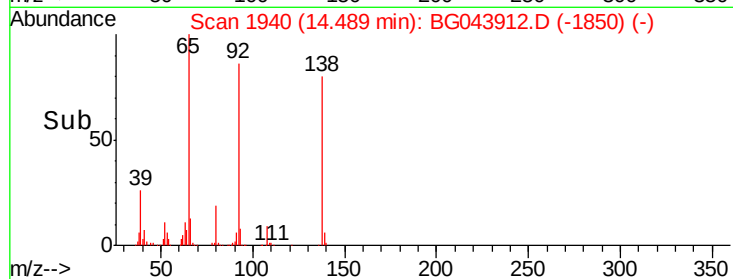
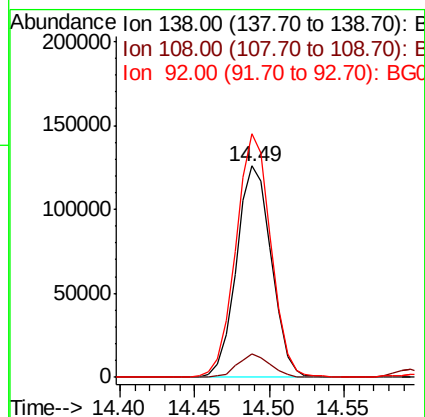
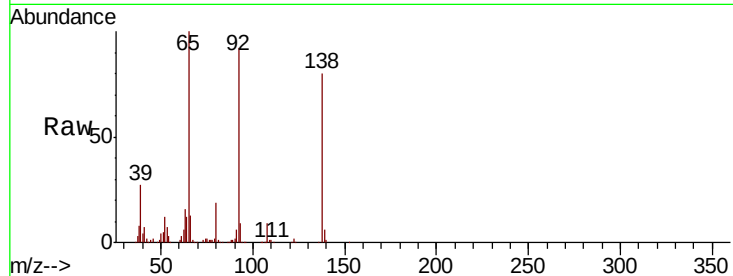
Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.5	91.6	137.4
152	56.3	45.4	68.0





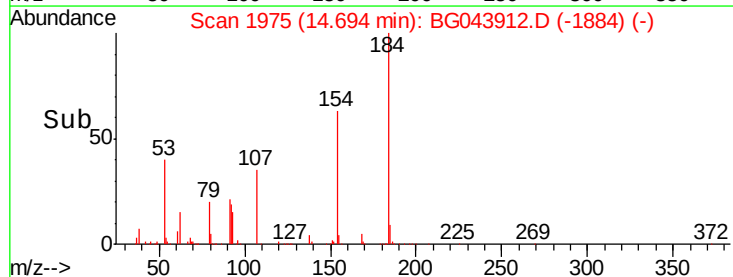
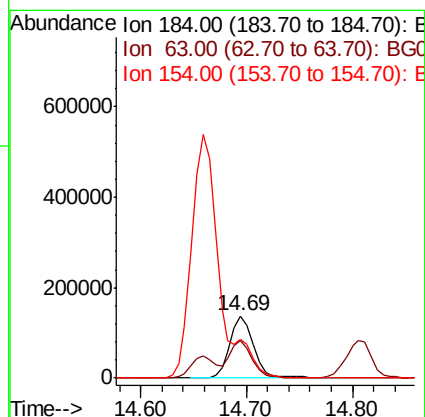
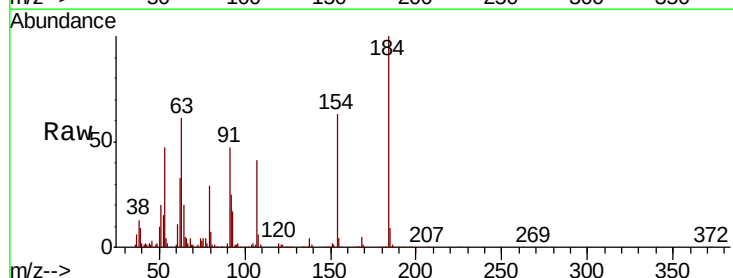
#53
3-Nitroaniline
Concen: 29.391 ng
RT: 14.49 min Scan# 1940
Delta R.T. -0.00 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

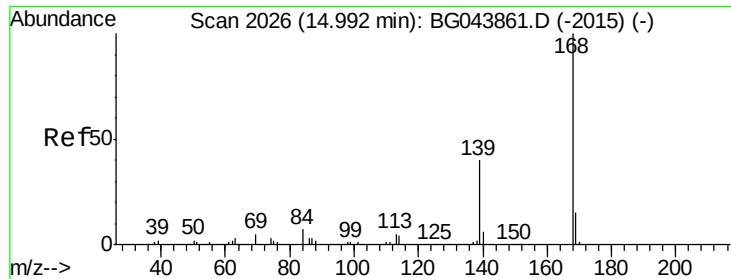
Tot Ion:138 Resp: 205066
Ion Ratio Lower Upper
138 100
108 11.1 7.4 11.2
92 115.3 92.1 138.1



#54
2,4-Dinitrophenol
Concen: 69.659 ng
RT: 14.69 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

Tgt Ion:184 Resp: 215658
Ion Ratio Lower Upper
184 100
63 61.2 46.6 70.0
154 62.8 50.2 75.4

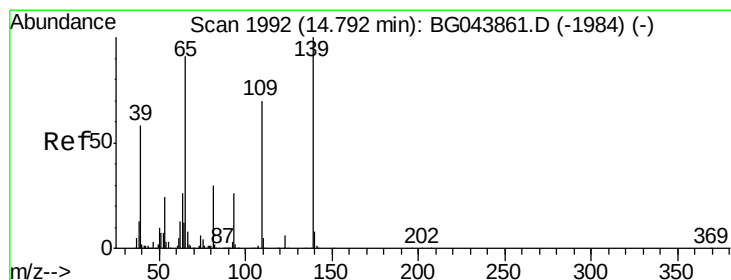
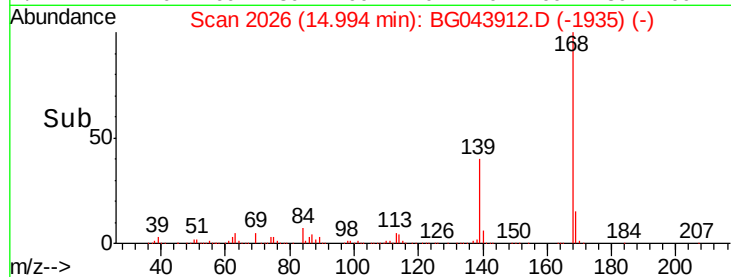
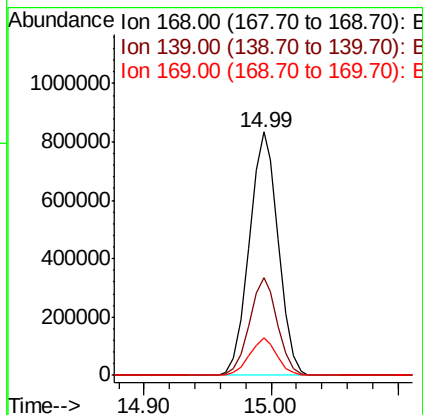
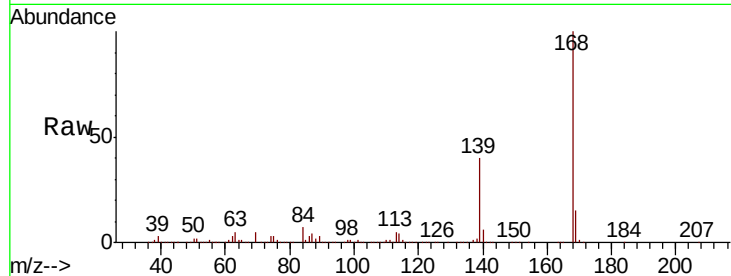




#55
Dibenzenofuran
Concen: 42.795 ng
RT: 14.99 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

Tot Ion:168 Resp: 1317113

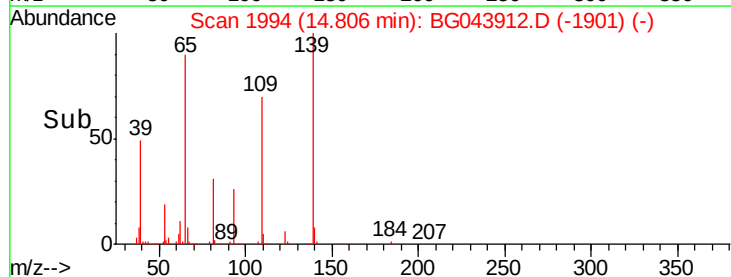
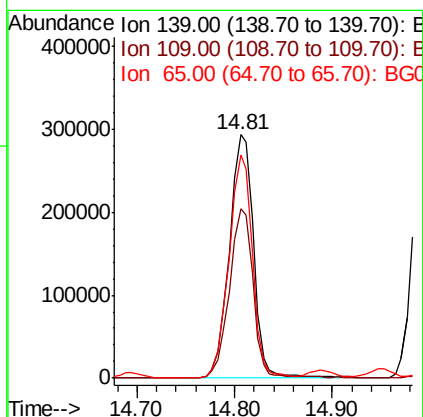
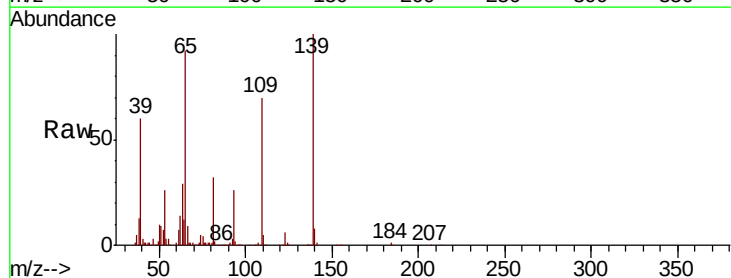
Ion	Ratio	Lower	Upper
168	100		
139	40.3	32.2	48.2
169	15.3	12.2	18.2

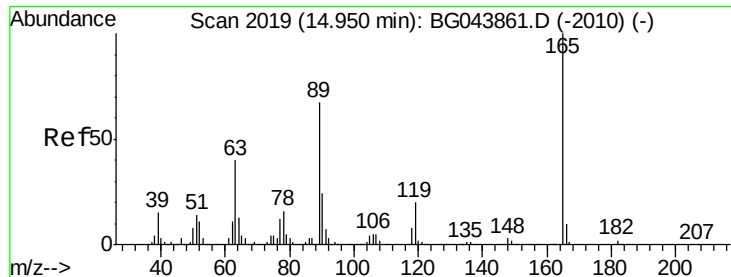


#56
4-Nitrophenol
Concen: 94.430 ng
RT: 14.81 min Scan# 1994
Delta R.T. 0.01 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

Tgt Ion:139 Resp: 504879

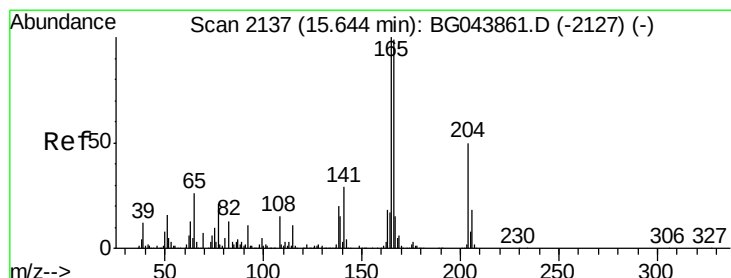
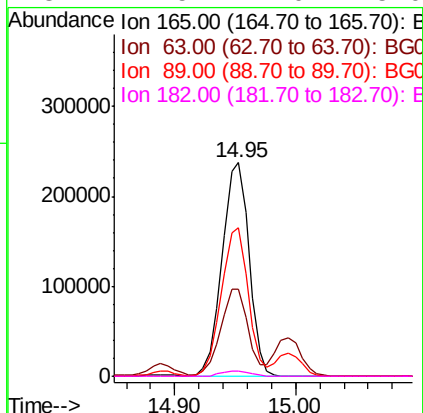
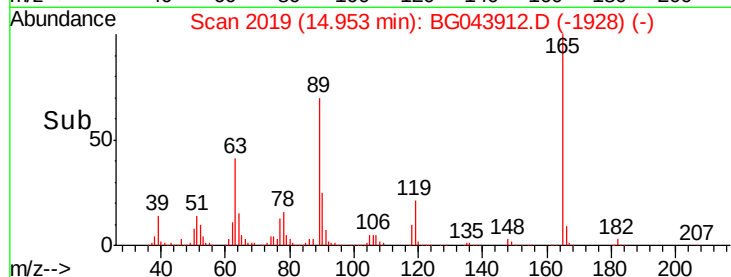
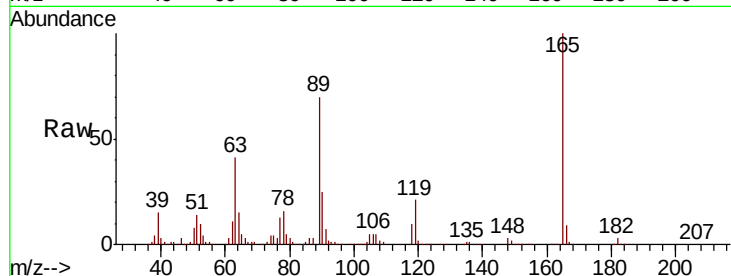
Ion	Ratio	Lower	Upper
139	100		
109	69.8	50.4	90.4
65	91.8	71.4	111.4





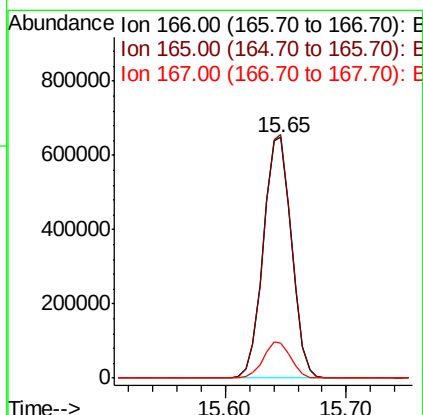
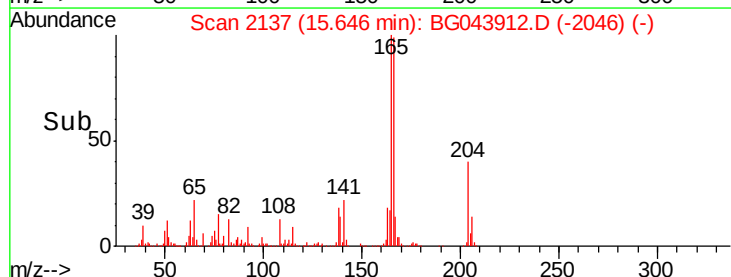
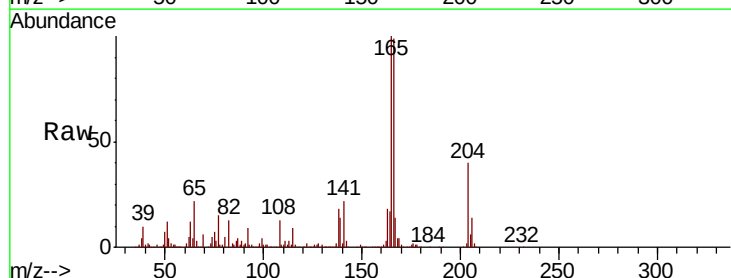
#57
 2,4-Dinitrotoluene
 Concen: 43.931 ng
 RT: 14.95 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BG043912.D
 Acq: 4 Jan 2020 8:19

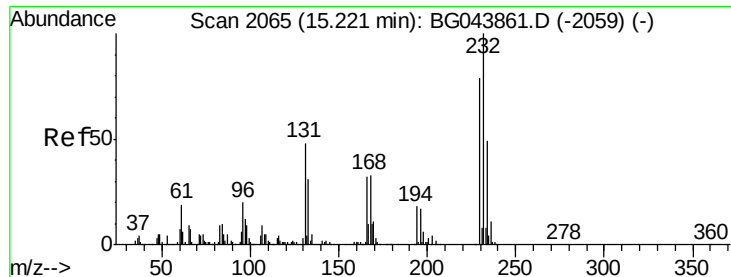
Tot Ion:	165	Resp:	367272
Ion	Ratio	Lower	Upper
165	100		
63	41.0	31.9	47.9
89	69.5	53.8	80.6
182	2.5	2.0	3.0



#58
 Fluorene
 Concen: 42.549 ng
 RT: 15.65 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: BG043912.D
 Acq: 4 Jan 2020 8:19

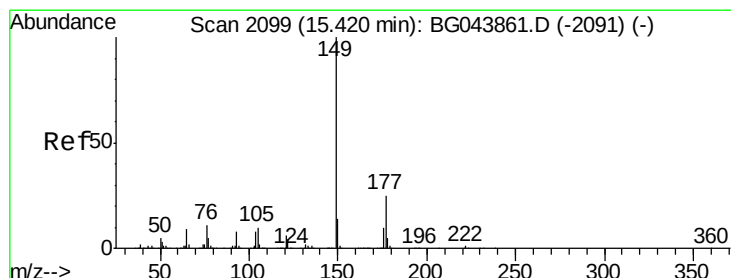
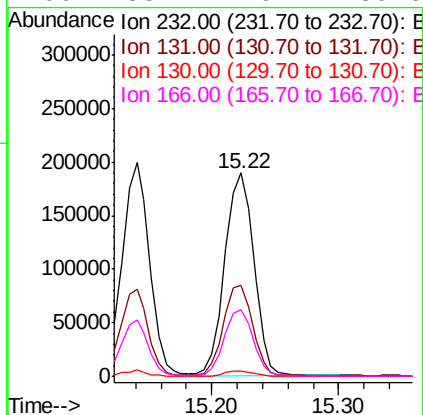
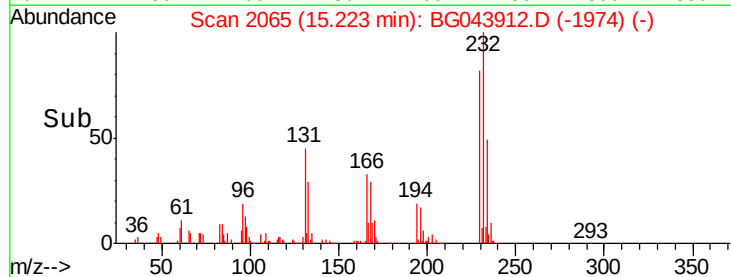
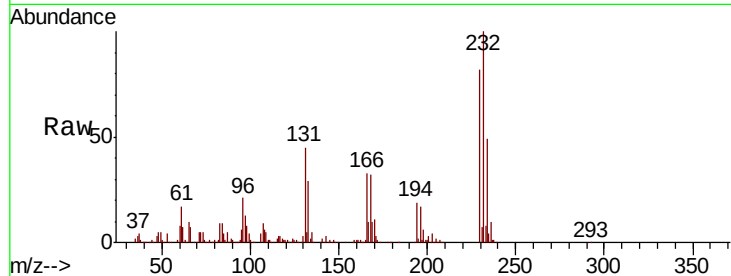
Tgt Ion:	166	Resp:	1037950
Ion	Ratio	Lower	Upper
166	100		
165	101.3	80.8	121.2
167	14.6	12.1	18.1





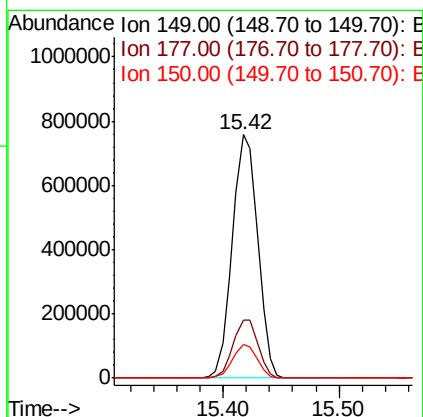
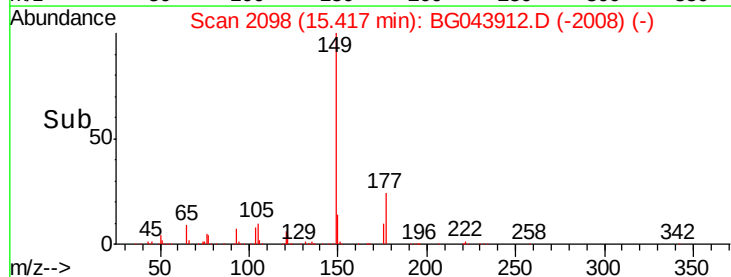
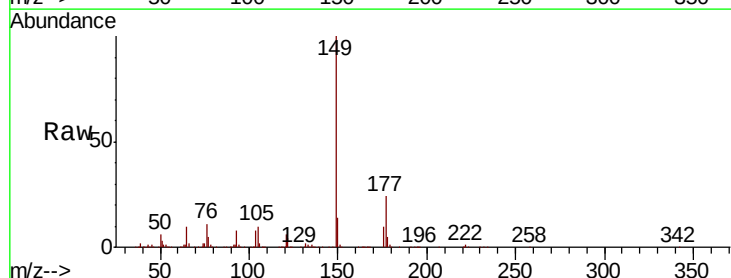
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.267 ng
 RT: 15.22 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: BG043912.D
 Acq: 4 Jan 2020 8:19

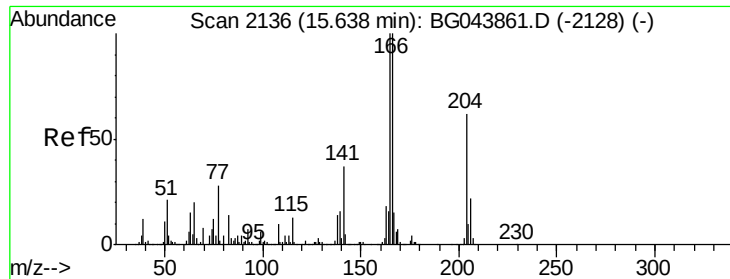
Tot Ion:	232	Resp:	303125
Ion	Ratio	Lower	Upper
232	100		
131	45.1	38.2	57.2
130	2.7	2.2	3.2
166	33.2	26.4	39.6



#60
 Diethylphthalate
 Concen: 42.475 ng
 RT: 15.42 min Scan# 2098
 Delta R.T. -0.00 min
 Lab File: BG043912.D
 Acq: 4 Jan 2020 8:19

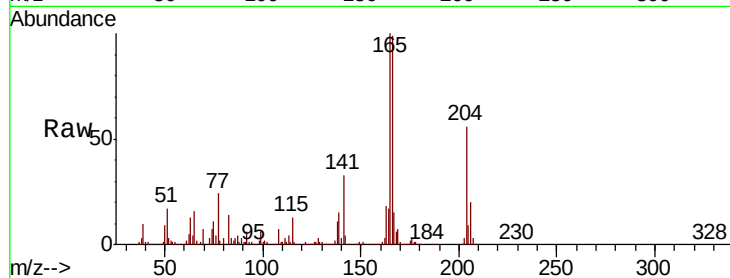
Tgt Ion:	149	Resp:	1154847
Ion	Ratio	Lower	Upper
149	100		
177	23.9	20.0	30.0
150	14.0	11.1	16.7





#61
 4-Chlorophenyl-phenylether
 Concen: 41.140 ng
 RT: 15.64 min Scan# 2136
 Delta R.T. 0.00 min
 Lab File: BG043912.D
 Acq: 4 Jan 2020 8:19

Tot Ion	Ratio	Lower	Upper
204	100		
206	36.6	28.2	42.2
141	60.0	48.2	72.2

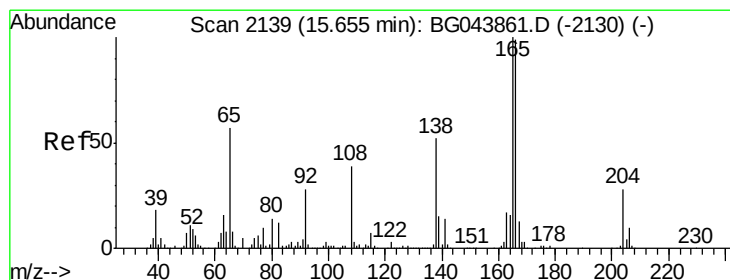
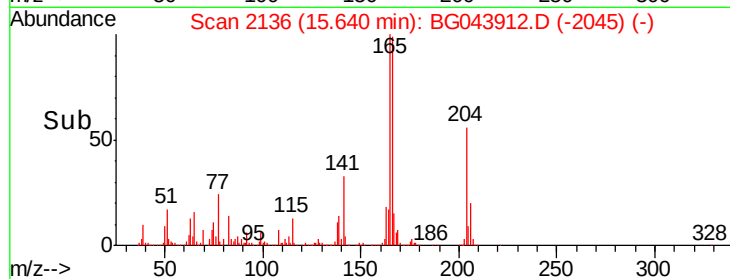
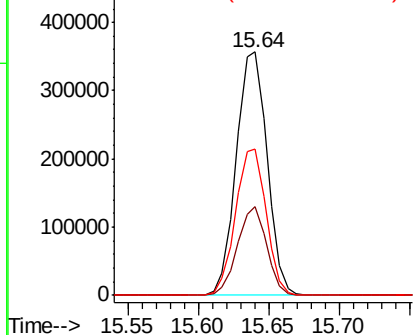


Abundance

Ion 204.00 (203.70 to 204.70): E

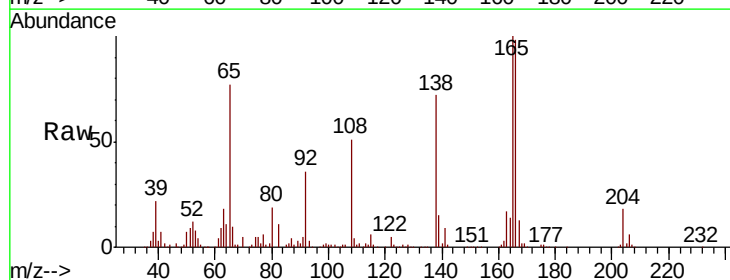
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 41.249 ng
 RT: 15.66 min Scan# 2139
 Delta R.T. 0.00 min
 Lab File: BG043912.D
 Acq: 4 Jan 2020 8:19

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.9	34.3	74.3
108	71.4	55.0	95.0

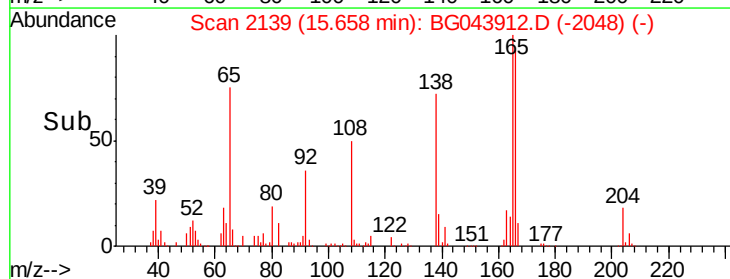
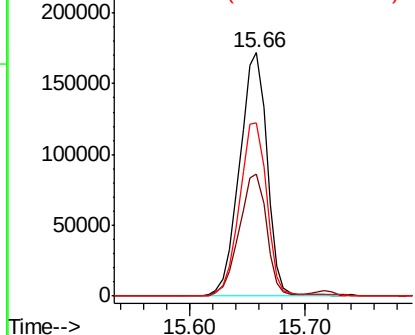


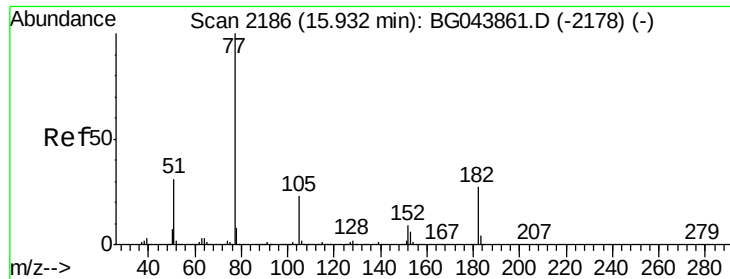
Abundance

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: 43.142 ng

RT: 15.93 min Scan# 2185

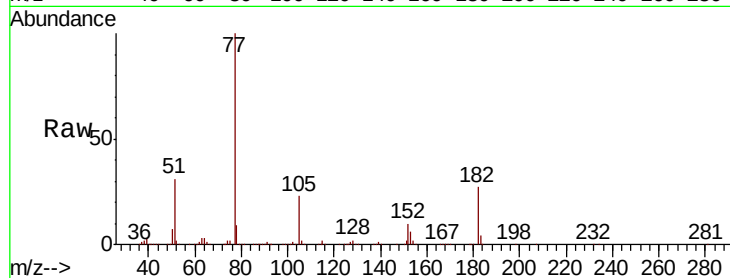
Delta R.T. -0.00 min

Lab File: BG043912.D

Acq: 4 Jan 2020 8:19

Tot Ion: 77 Resp: 1087819

Ion	Ratio	Lower	Upper
77	100		
182	27.0	7.3	47.3
105	23.1	3.2	43.2
51	30.6	10.6	50.6

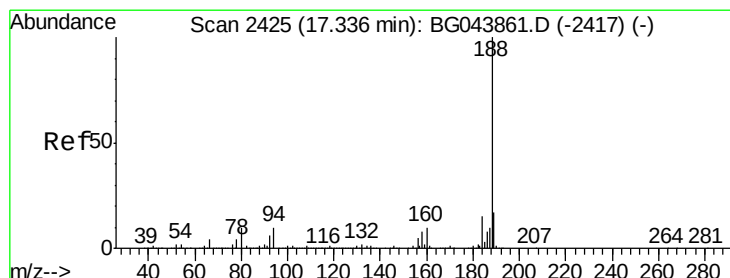
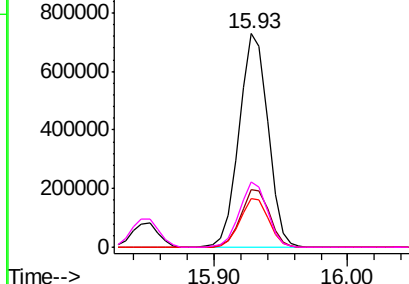
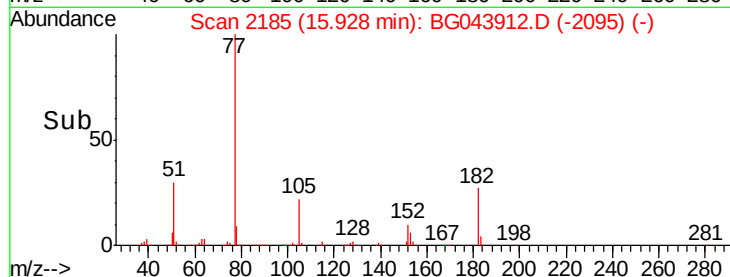


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.34 min Scan# 2425

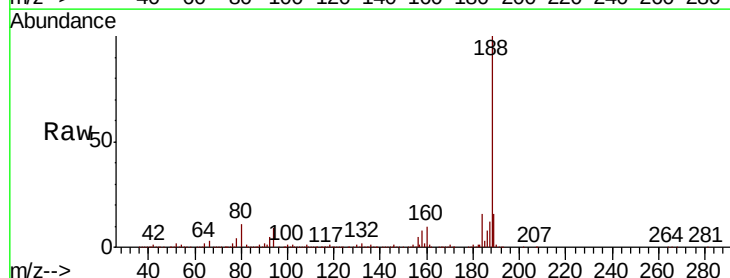
Delta R.T. 0.00 min

Lab File: BG043912.D

Acq: 4 Jan 2020 8:19

Tgt Ion: 188 Resp: 835794

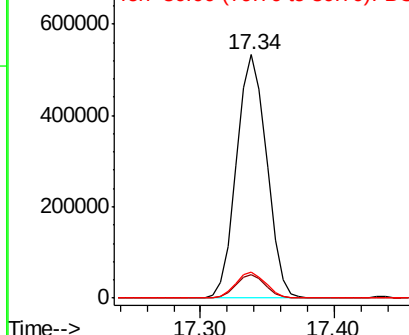
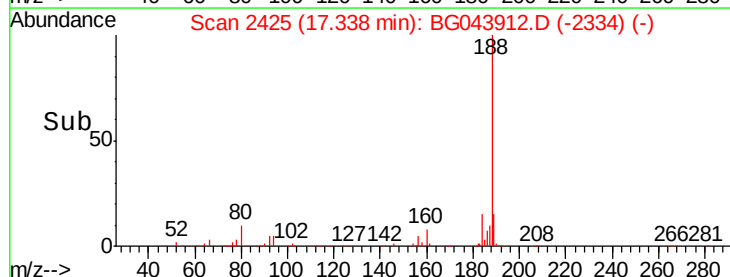
Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.9	11.9
80	10.6	8.2	12.4

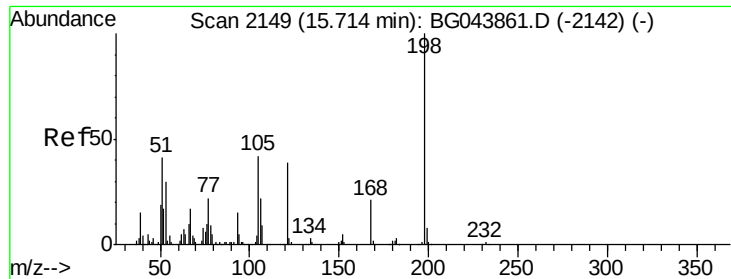


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 43.621 ng

RT: 15.72 min Scan# 2149

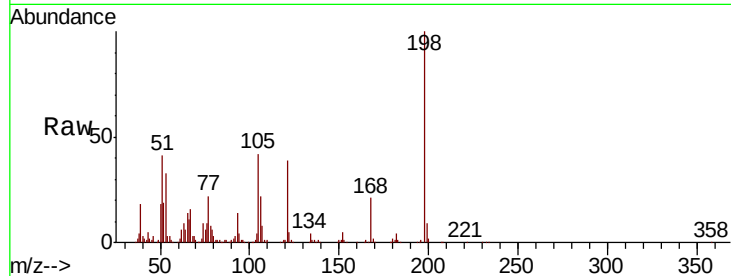
Delta R.T. 0.00 min

Lab File: BG043912.D

Acq: 4 Jan 2020 8:19

Tot Ion:198 Resp: 185942

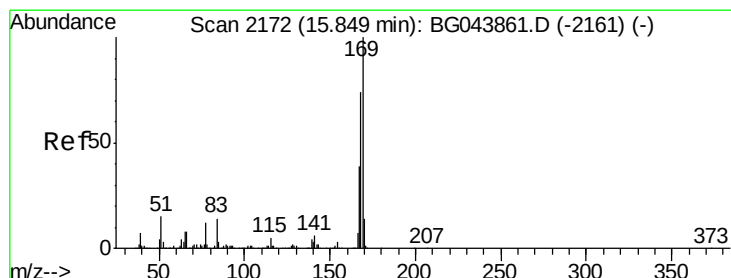
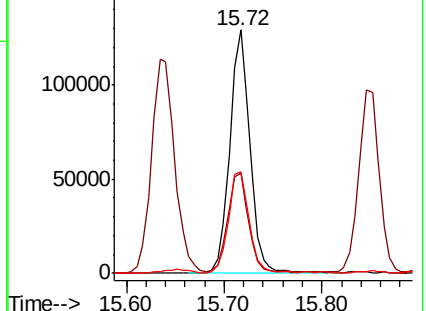
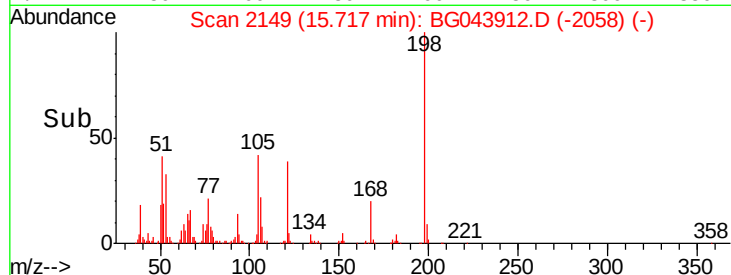
Ion	Ratio	Lower	Upper
198	100		
51	41.1	22.5	62.5
105	41.7	22.3	62.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.047 ng

RT: 15.85 min Scan# 2172

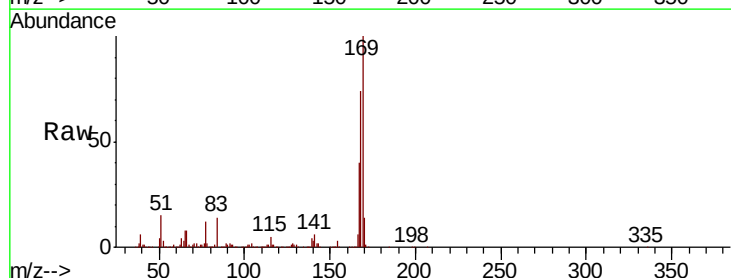
Delta R.T. 0.00 min

Lab File: BG043912.D

Acq: 4 Jan 2020 8:19

Tgt Ion:169 Resp: 985687

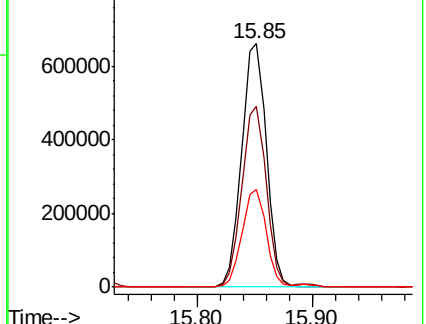
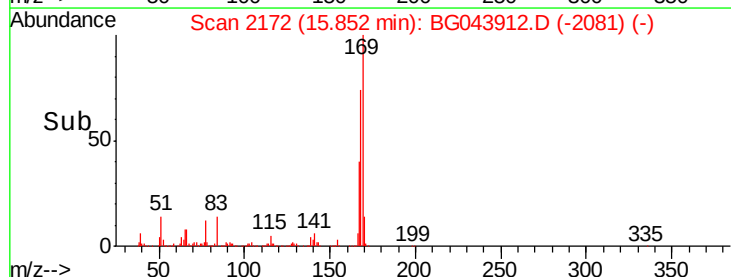
Ion	Ratio	Lower	Upper
169	100		
168	74.2	59.0	88.6
167	40.2	31.4	47.0

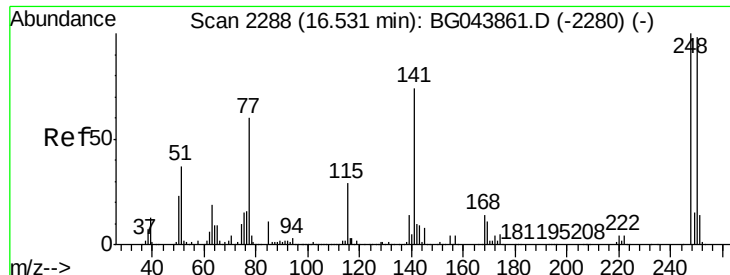


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

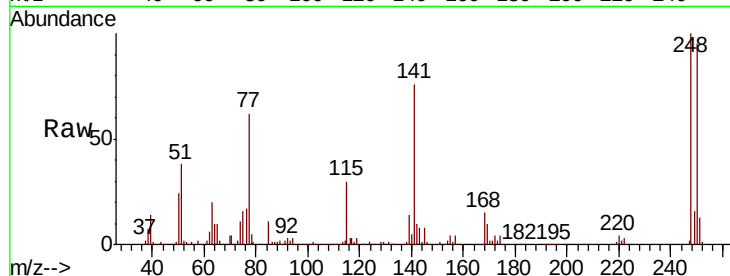
Ion 167.00 (166.70 to 167.70): E



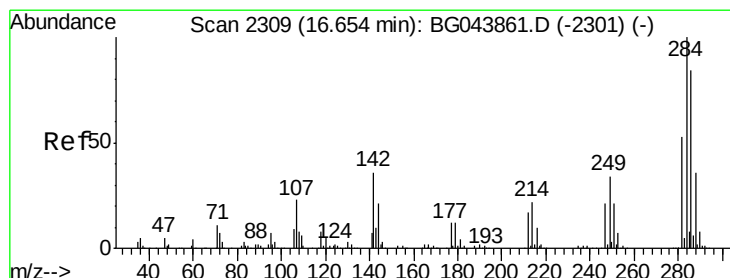
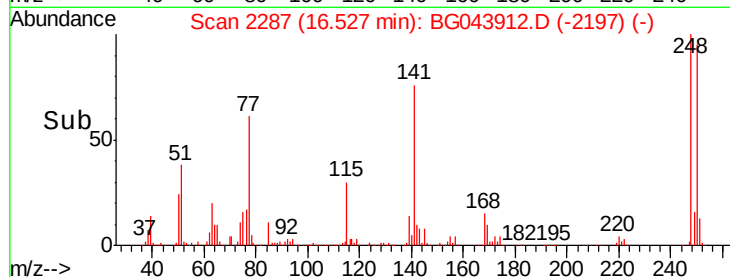
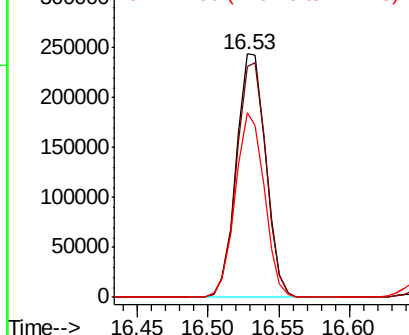


#67
4-Bromophenyl-phenylether
Concen: 37.820 ng
RT: 16.53 min Scan# 2287
Delta R.T. -0.00 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

Tot Ion:248 Resp: 355509
Ion Ratio Lower Upper
248 100
250 95.0 78.2 117.2
141 75.6 59.3 88.9

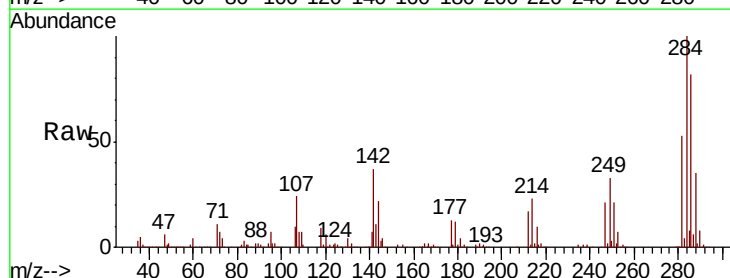


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

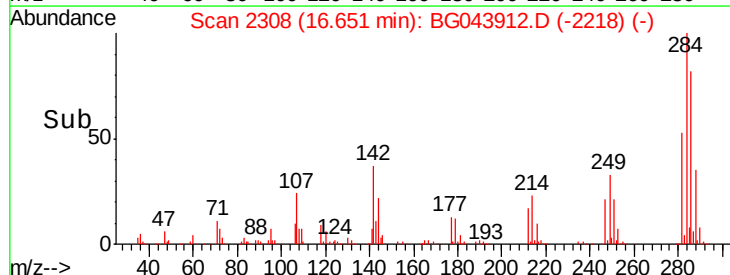
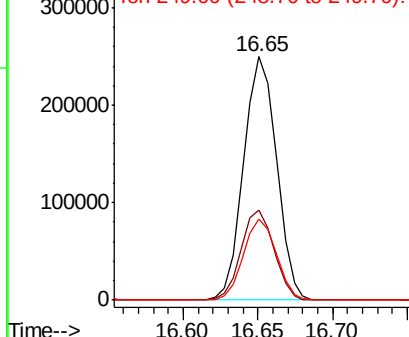


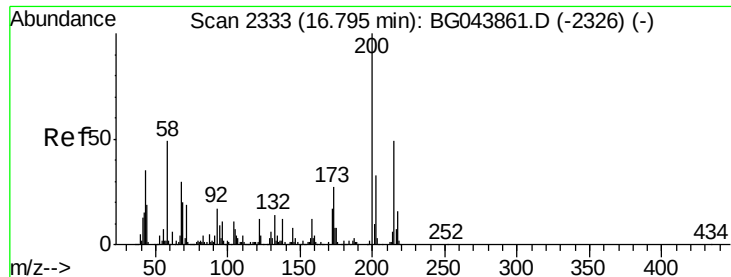
#68
Hexachlorobenzene
Concen: 37.563 ng
RT: 16.65 min Scan# 2308
Delta R.T. -0.00 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

Tgt Ion:284 Resp: 380477
Ion Ratio Lower Upper
284 100
142 36.8 28.6 43.0
249 33.2 27.0 40.6



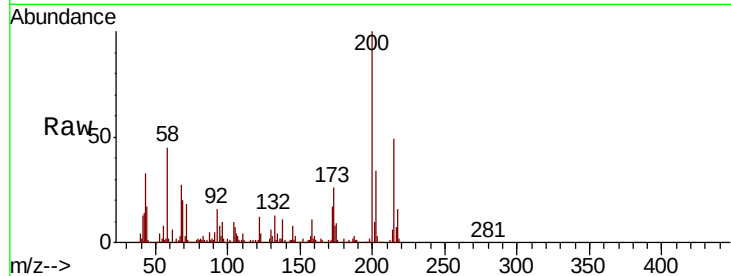
Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



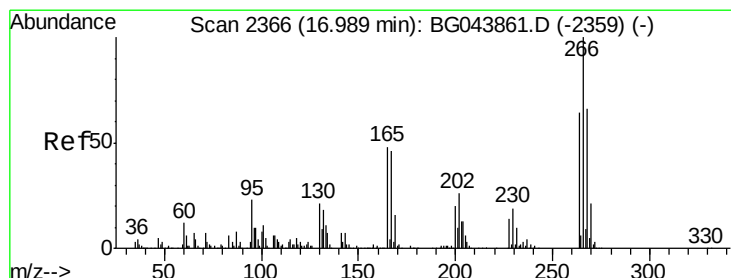
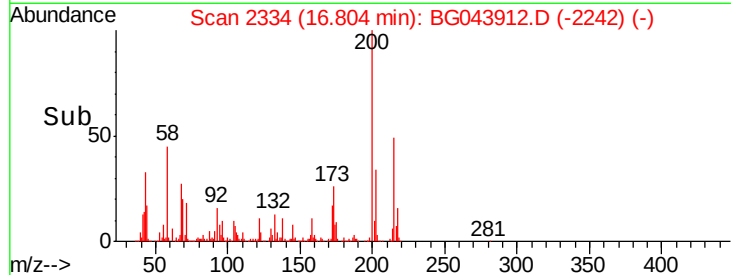
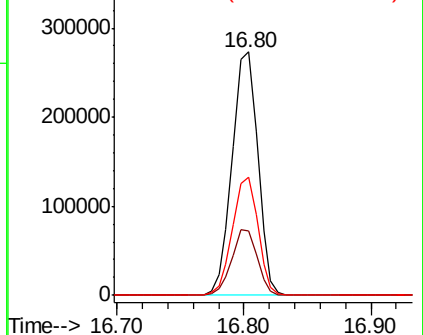


#69
Atrazine
Concen: 47.884 ng
RT: 16.80 min Scan# 2334
Delta R.T. 0.01 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.3	6.6	46.6
215	48.6	28.6	68.6

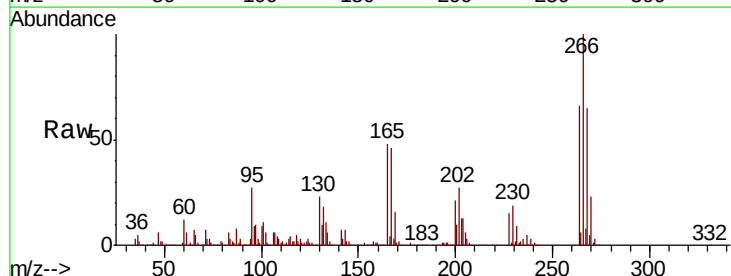


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

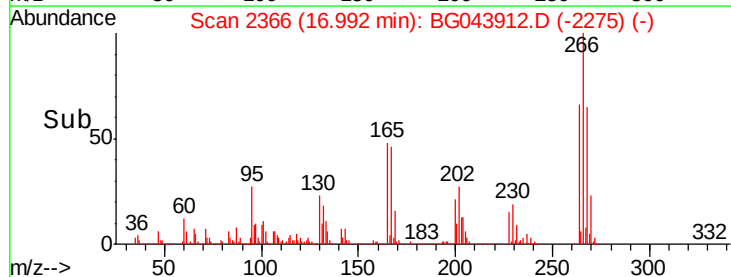
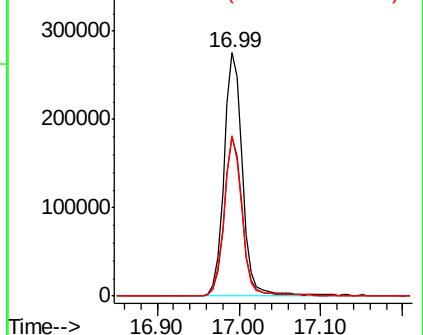


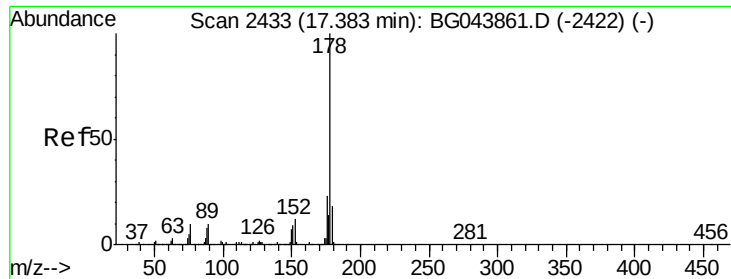
#70
Pentachlorophenol
Concen: 77.388 ng
RT: 16.99 min Scan# 2366
Delta R.T. 0.00 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.5	52.6	79.0
264	66.1	50.8	76.2



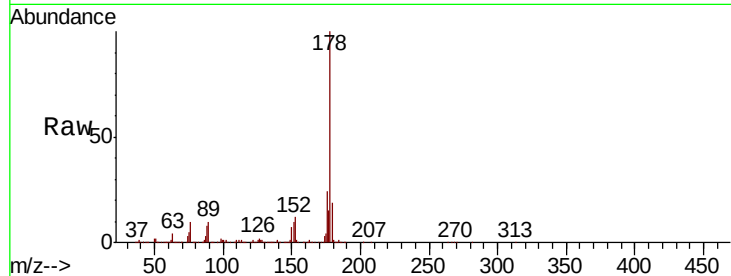
Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E



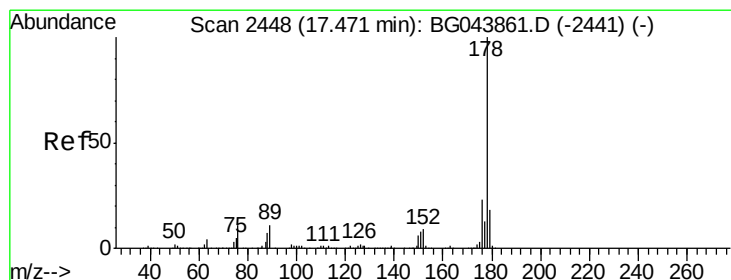
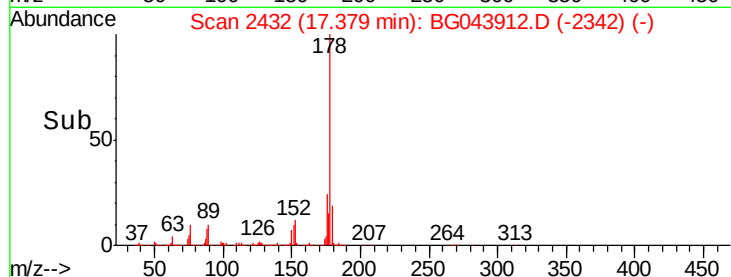
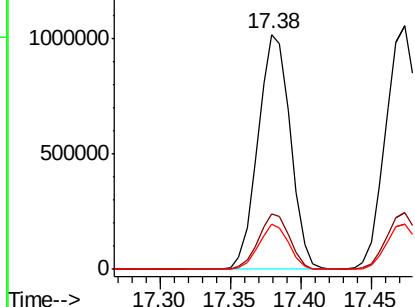


#71
Phenanthrene
Concen: 41.062 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.00 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

Tot Ion:178 Resp: 1646143
Ion Ratio Lower Upper
178 100
176 23.6 18.6 28.0
179 19.0 14.4 21.6

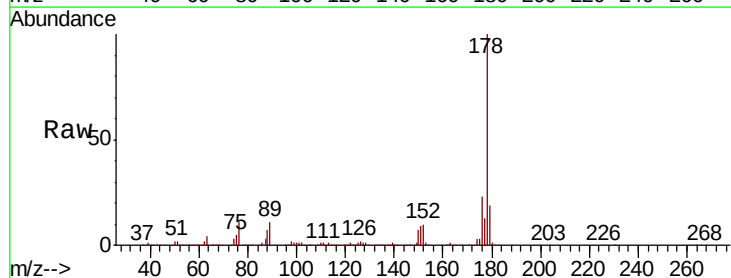


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

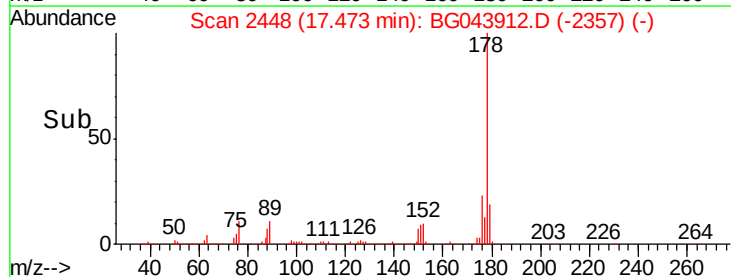
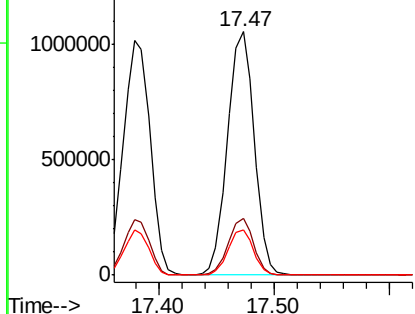


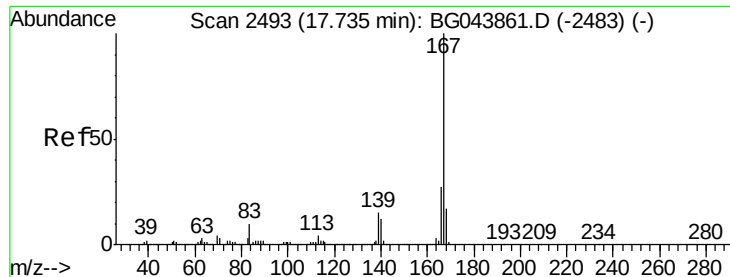
#72
Anthracene
Concen: 42.673 ng
RT: 17.47 min Scan# 2448
Delta R.T. 0.00 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

Tgt Ion:178 Resp: 1690662
Ion Ratio Lower Upper
178 100
176 23.3 18.3 27.5
179 18.8 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: 42.593 ng

RT: 17.74 min Scan# 2493

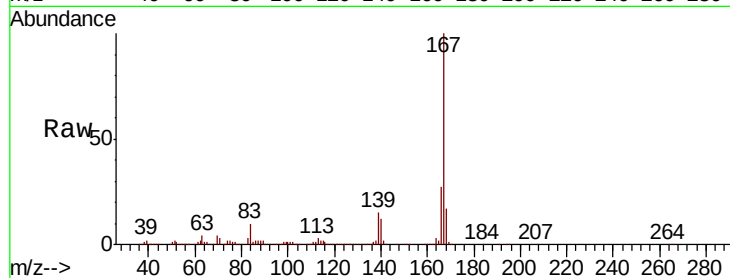
Delta R.T. 0.00 min

Lab File: BG043912.D

Acq: 4 Jan 2020 8:19

Tot Ion:167 Resp: 1558775

Ion	Ratio	Lower	Upper
167	100		
166	27.4	21.6	32.4
139	15.5	12.1	18.1

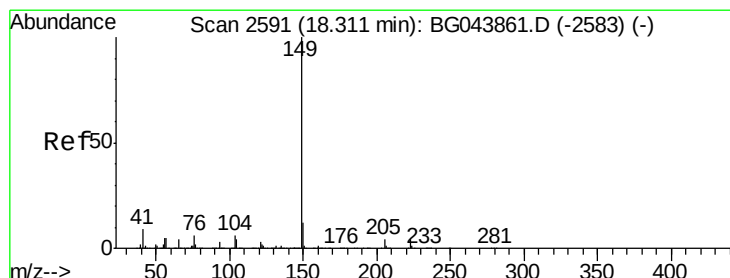
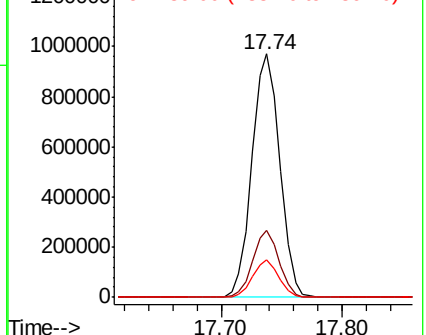
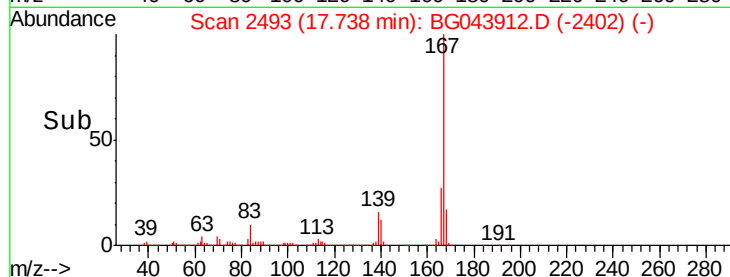


Abundance

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: 40.820 ng

RT: 18.31 min Scan# 2590

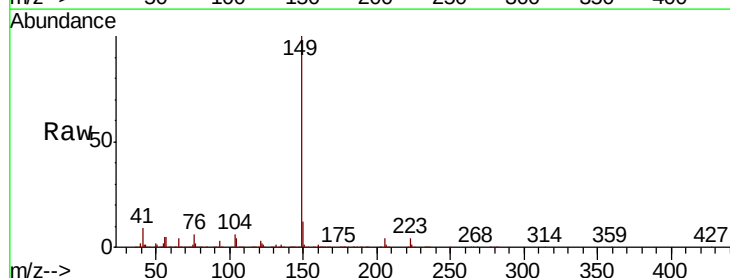
Delta R.T. -0.00 min

Lab File: BG043912.D

Acq: 4 Jan 2020 8:19

Tgt Ion:149 Resp: 1907341

Ion	Ratio	Lower	Upper
149	100		
150	12.2	9.7	14.5
104	6.3	5.0	7.4

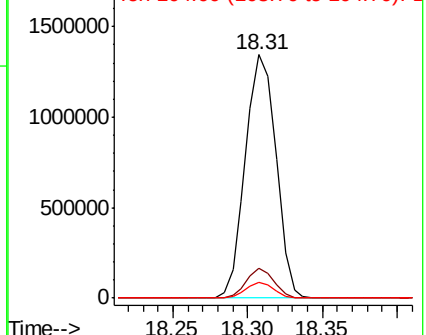
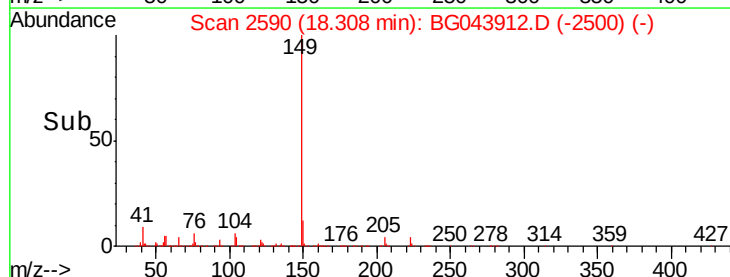


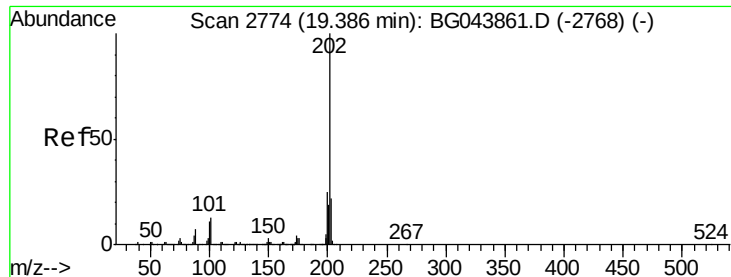
Abundance

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: 40.888 ng

RT: 19.39 min Scan# 2774

Delta R.T. 0.00 min

Lab File: BG043912.D

Acq: 4 Jan 2020 8:19

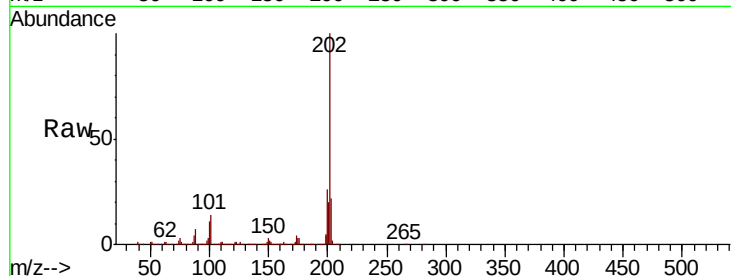
Tot Ion:202 Resp: 1874590

Ion Ratio Lower Upper

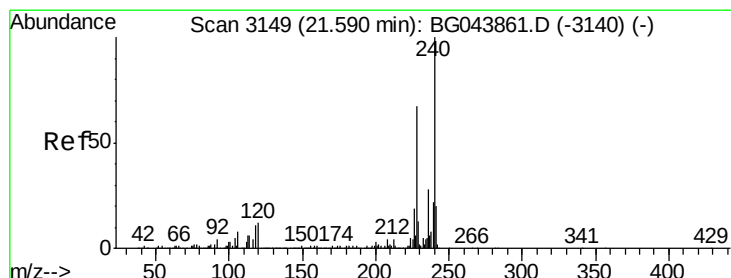
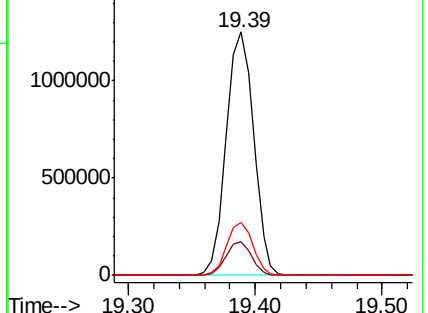
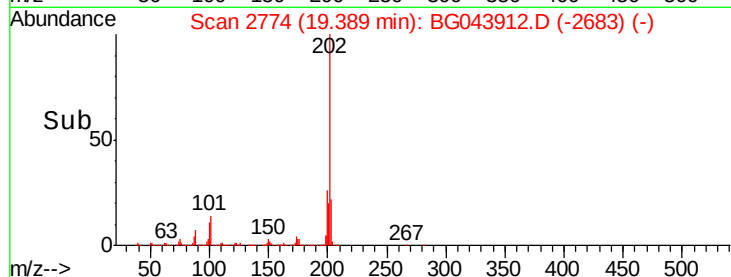
202 100

101 14.0 0.0 33.3

203 21.8 1.6 41.6



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.59 min Scan# 3149

Delta R.T. 0.00 min

Lab File: BG043912.D

Acq: 4 Jan 2020 8:19

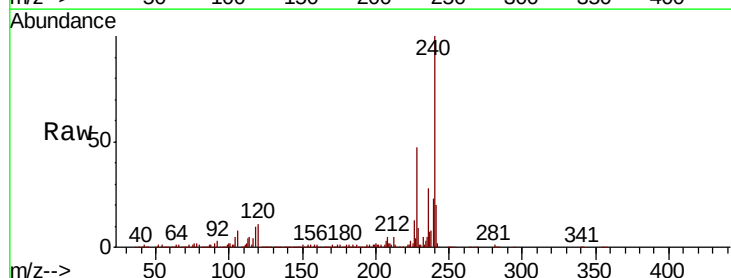
Tgt Ion:240 Resp: 710259

Ion Ratio Lower Upper

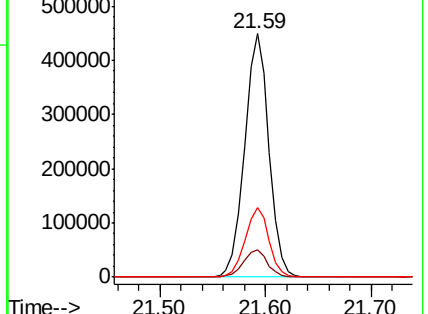
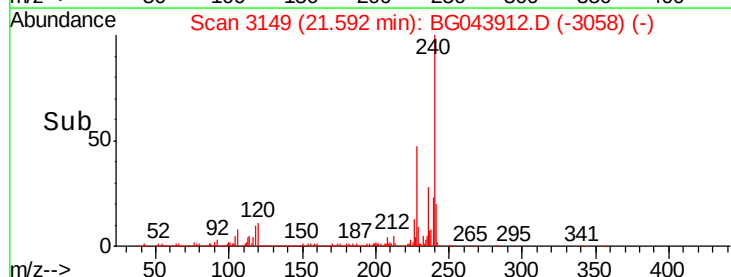
240 100

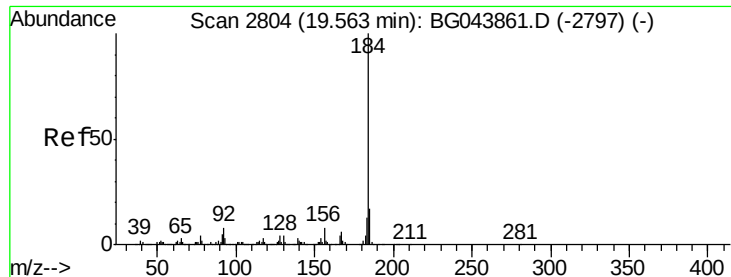
120 11.3 9.6 14.4

236 28.4 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: 66.295 ng

RT: 19.56 min Scan# 2804

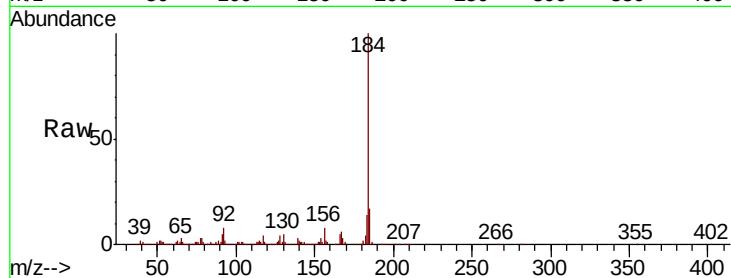
Delta R.T. 0.00 min

Lab File: BG043912.D

Acq: 4 Jan 2020 8:19

Tot Ion:184 Resp: 1183560

Ion	Ratio	Lower	Upper
184	100		
185	16.7	13.4	20.0
183	14.4	10.6	15.8

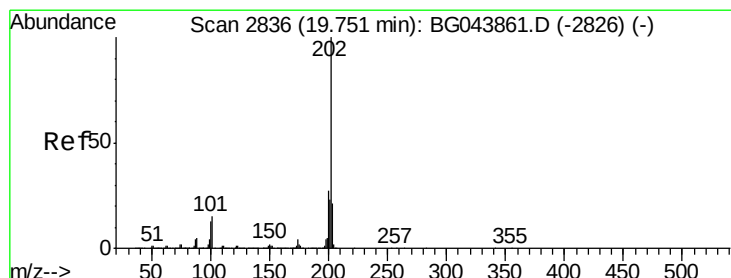
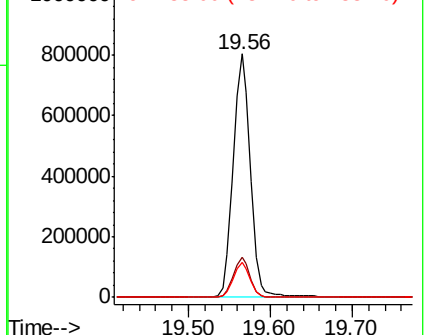
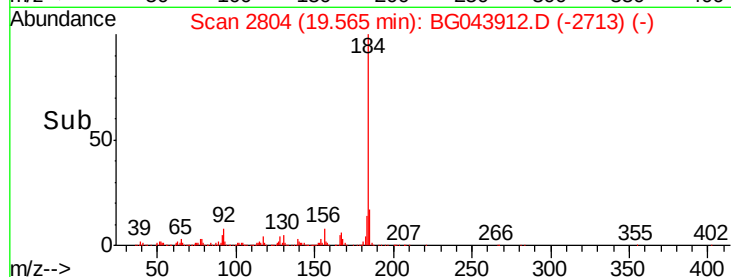


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.558 ng

RT: 19.75 min Scan# 2835

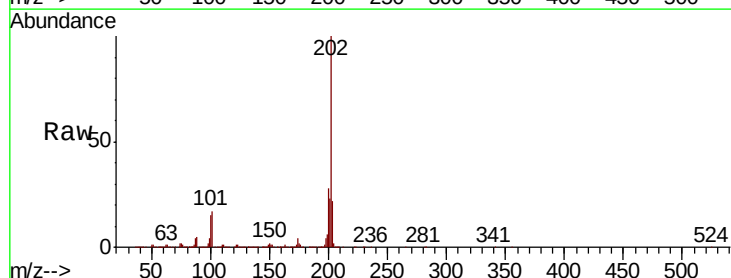
Delta R.T. -0.00 min

Lab File: BG043912.D

Acq: 4 Jan 2020 8:19

Tgt Ion:202 Resp: 1880304

Ion	Ratio	Lower	Upper
202	100		
200	27.6	21.7	32.5
203	22.1	17.0	25.6

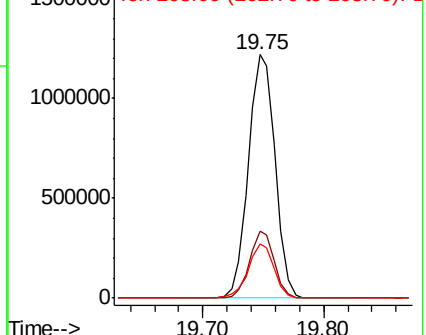
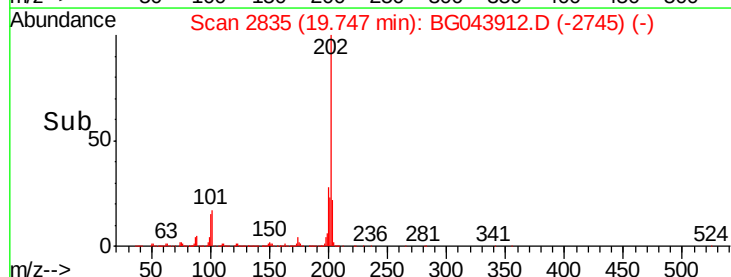


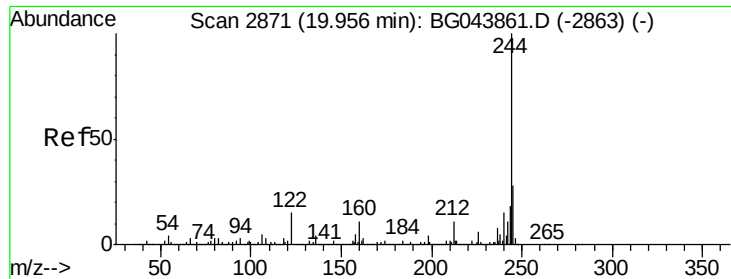
Abundance

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

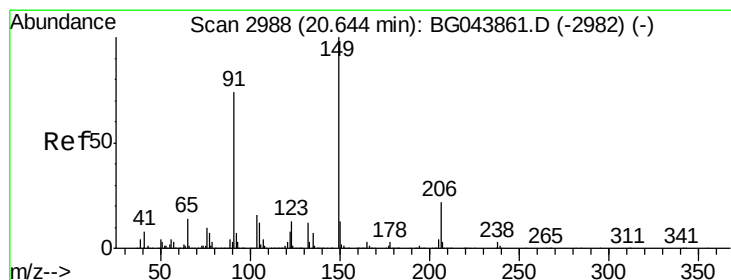
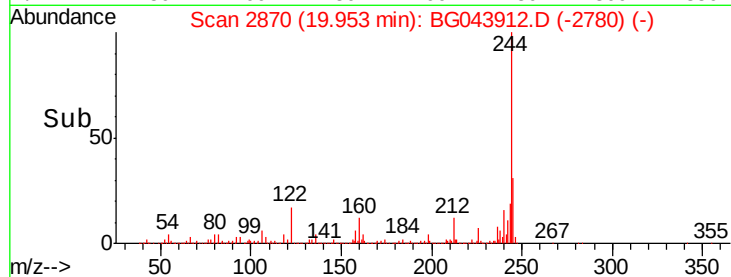
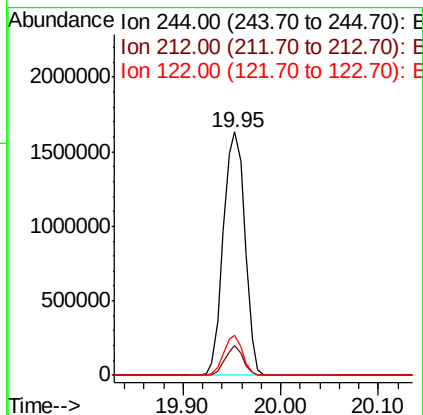
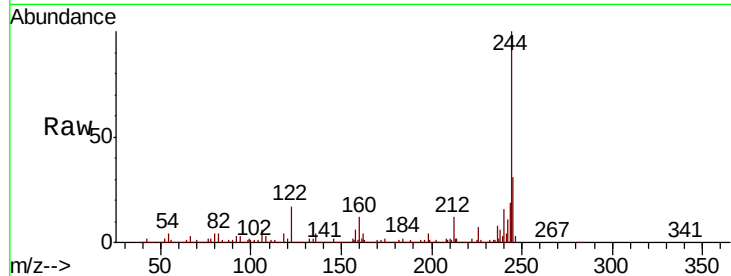




#79
 Terphenyl-d14
 Concen: 84.944 ng
 RT: 19.95 min Scan# 2870
 Delta R.T. -0.00 min
 Lab File: BG043912.D
 Acq: 4 Jan 2020 8:19

Tot Ion:244 Resp: 2502746

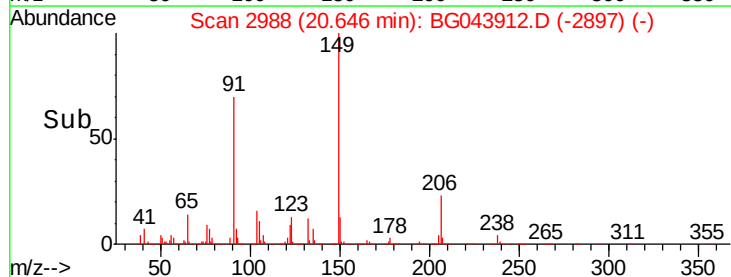
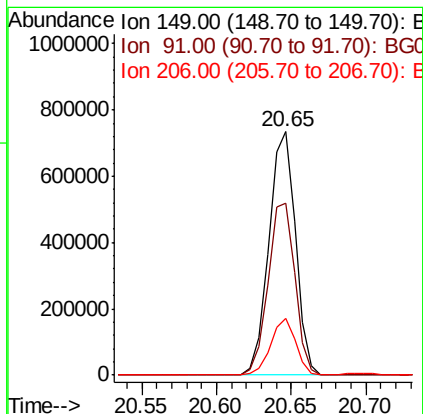
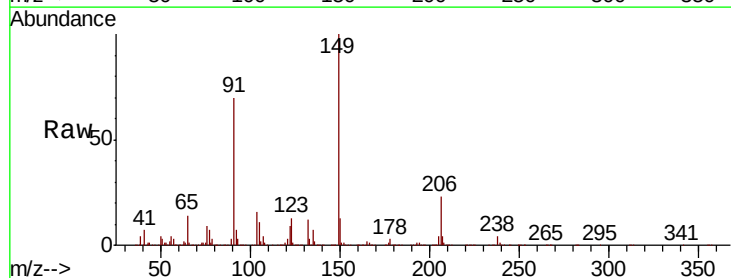
Ion	Ratio	Lower	Upper
244	100		
212	12.1	8.6	13.0
122	16.6	11.9	17.9

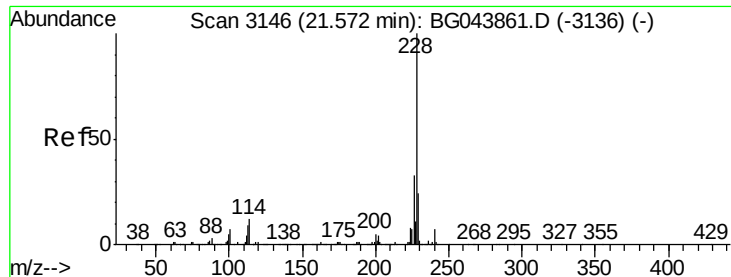


#80
 Butylbenzylphthalate
 Concen: 40.971 ng
 RT: 20.65 min Scan# 2988
 Delta R.T. 0.00 min
 Lab File: BG043912.D
 Acq: 4 Jan 2020 8:19

Tgt Ion:149 Resp: 904332

Ion	Ratio	Lower	Upper
149	100		
91	70.4	59.5	89.3
206	23.3	17.8	26.6





#81

Benzo(a)anthracene

Concen: 41.305 ng

RT: 21.57 min Scan# 3146

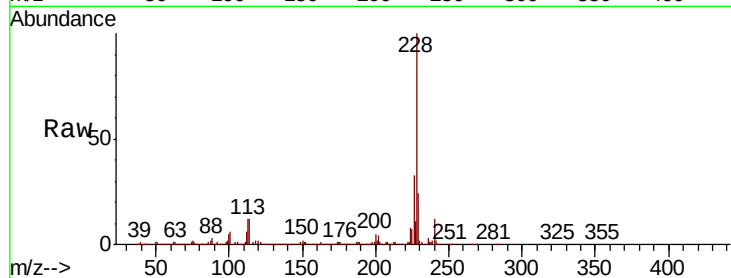
Delta R.T. 0.00 min

Lab File: BG043912.D

Acq: 4 Jan 2020 8:19

Tot Ion:228 Resp: 1819109

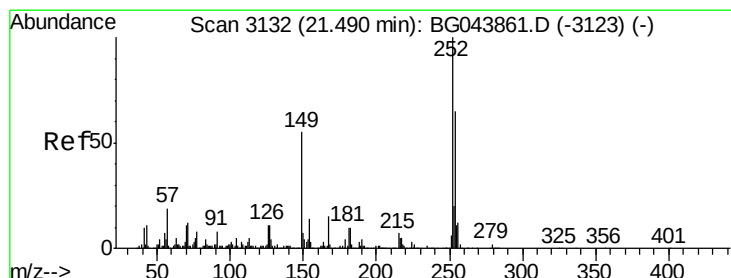
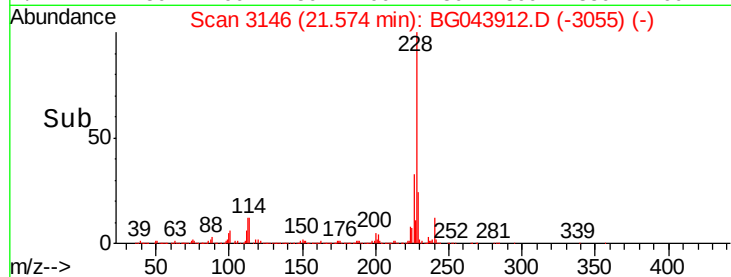
Ion	Ratio	Lower	Upper
228	100		
226	32.9	26.2	39.4
229	23.9	18.9	28.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 30.460 ng

RT: 21.49 min Scan# 3131

Delta R.T. -0.00 min

Lab File: BG043912.D

Acq: 4 Jan 2020 8:19

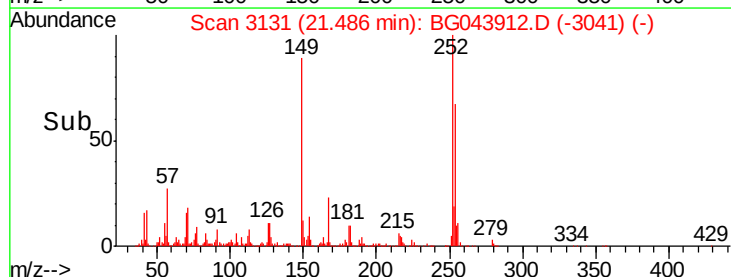
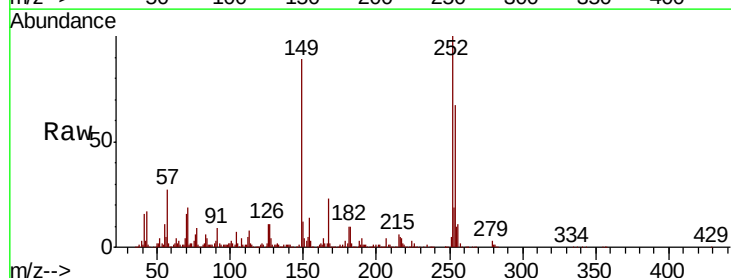
Tgt Ion:252 Resp: 529981

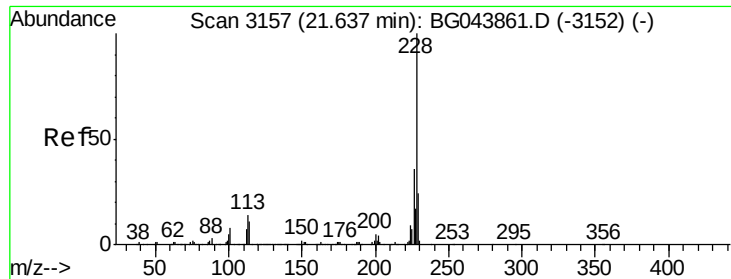
Ion	Ratio	Lower	Upper
252	100		
254	67.3	52.1	78.1
126	11.1	9.1	13.7

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

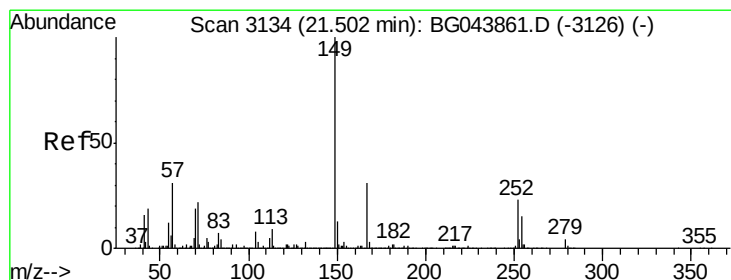
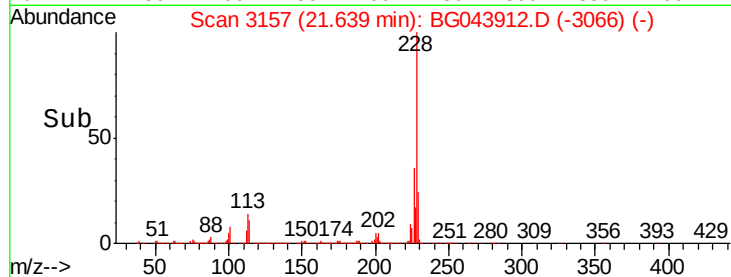
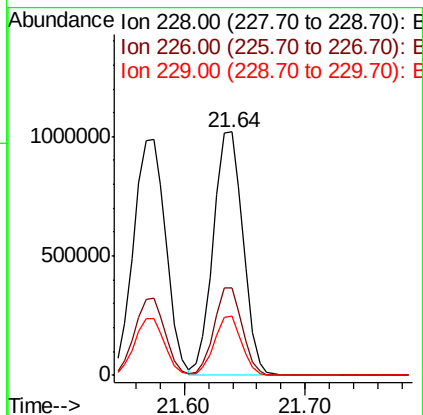
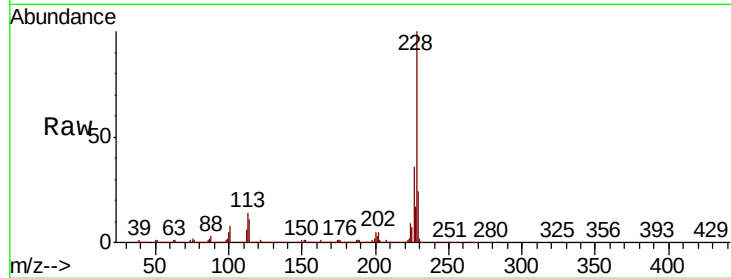




#83
 Chrysene
 Concen: 41.270 ng
 RT: 21.64 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: BG043912.D
 Acq: 4 Jan 2020 8:19

Tot Ion:228 Resp: 1727037

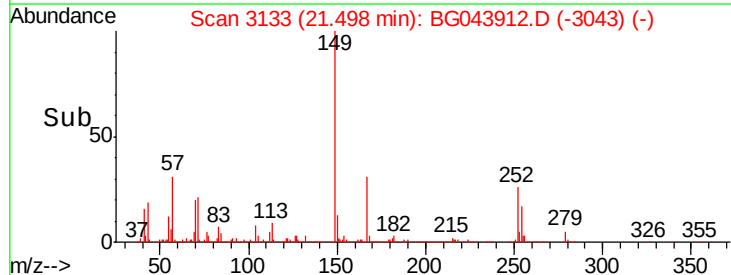
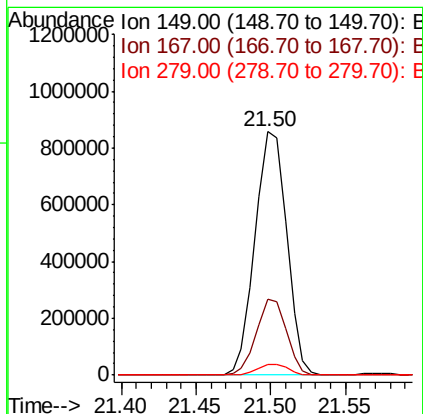
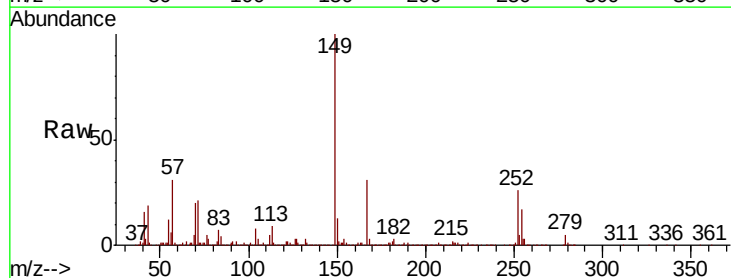
Ion	Ratio	Lower	Upper
228	100		
226	36.1	28.8	43.2
229	24.2	19.0	28.6

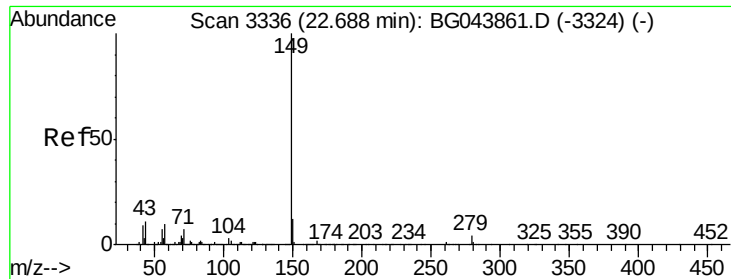


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.337 ng
 RT: 21.50 min Scan# 3133
 Delta R.T. -0.00 min
 Lab File: BG043912.D
 Acq: 4 Jan 2020 8:19

Tgt Ion:149 Resp: 1258924

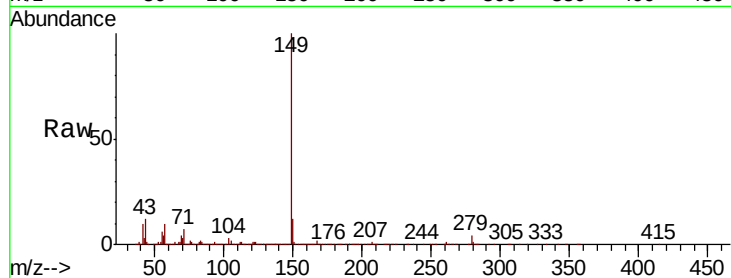
Ion	Ratio	Lower	Upper
149	100		
167	31.2	24.7	37.1
279	4.6	3.3	4.9



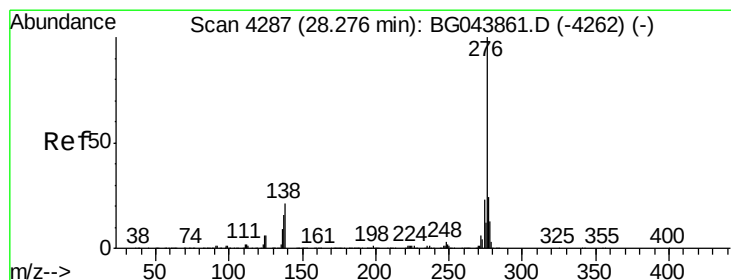
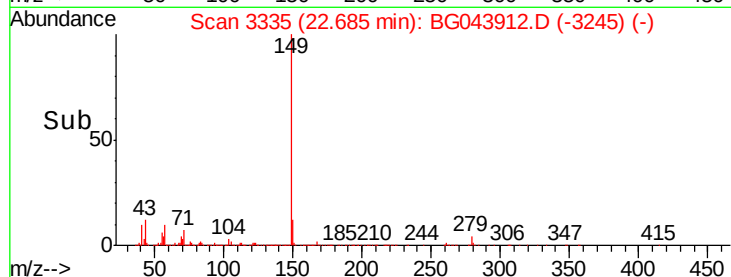
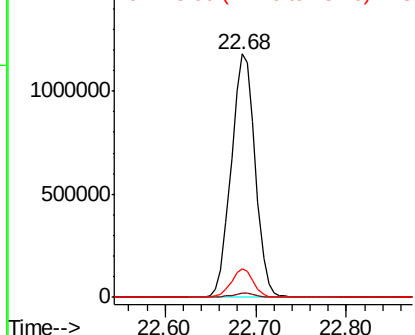


#85
Di-n-octyl phthalate
Concen: 42.244 ng
RT: 22.68 min Scan# 3335
Delta R.T. -0.00 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

Tot Ion:149 Resp: 2162920
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 11.0 8.8 13.2

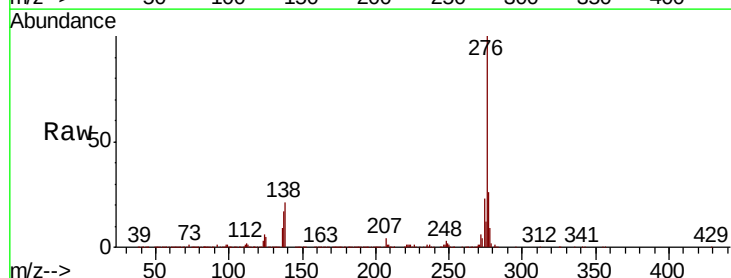


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

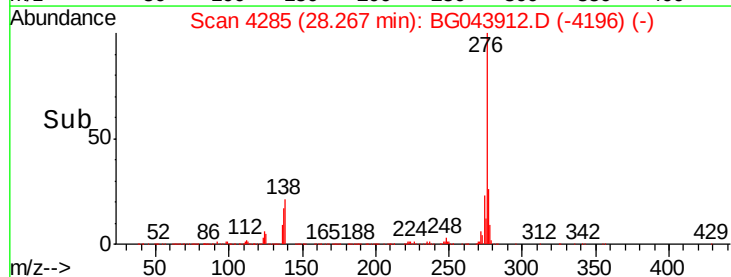
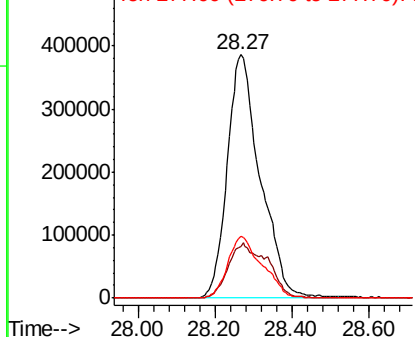


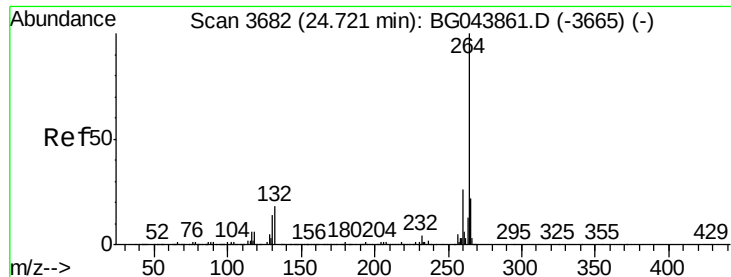
#86
Indeno(1,2,3-cd)pyrene
Concen: 40.587 ng
RT: 28.27 min Scan# 4285
Delta R.T. -0.01 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

Tgt Ion:276 Resp: 2308225
Ion Ratio Lower Upper
276 100
138 26.8 21.0 31.4
277 26.6 21.1 31.7



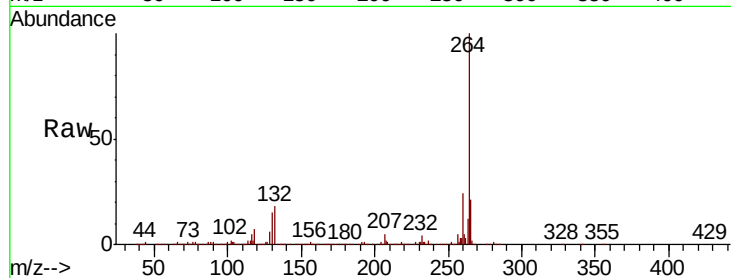
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



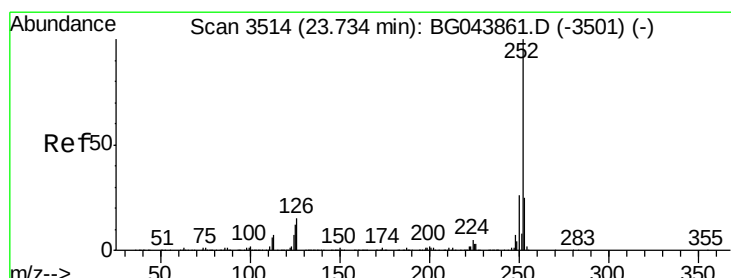
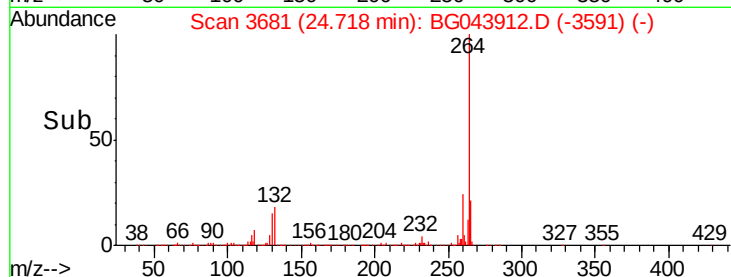
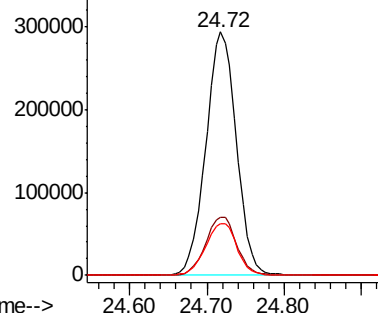


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.72 min Scan# 3681
Delta R.T. -0.00 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

Tot	Ion:264	Resp:	814271
Ion	Ratio	Lower	Upper
264	100		
260	24.1	20.4	30.6
265	21.4	17.4	26.2

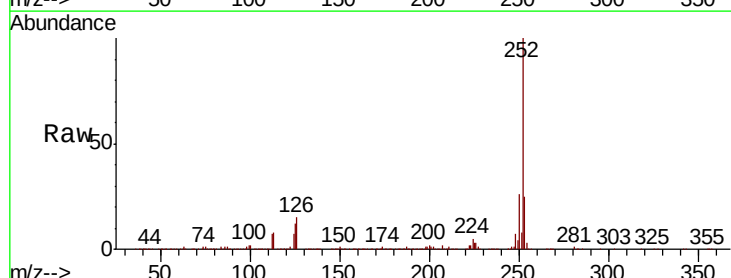


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

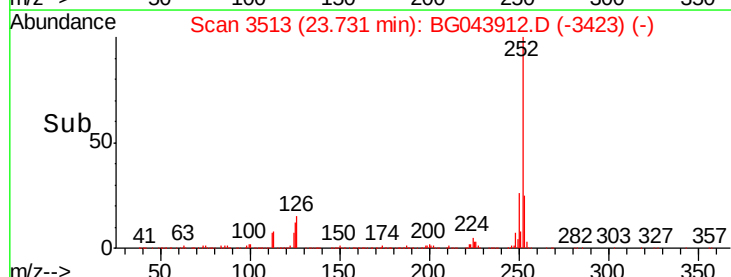
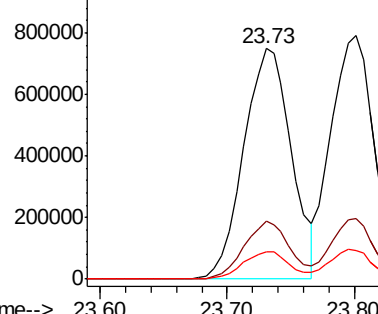


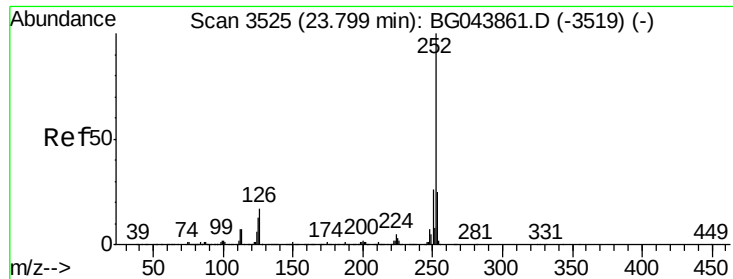
#88
Benzo(b)fluoranthene
Concen: 40.657 ng
RT: 23.73 min Scan# 3513
Delta R.T. -0.00 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

Tgt Ion	252	Resp: Lower	1957127 Upper
	Ratio		
252	100		
253	24.9	19.7	29.5
125	12.1	9.4	14.2



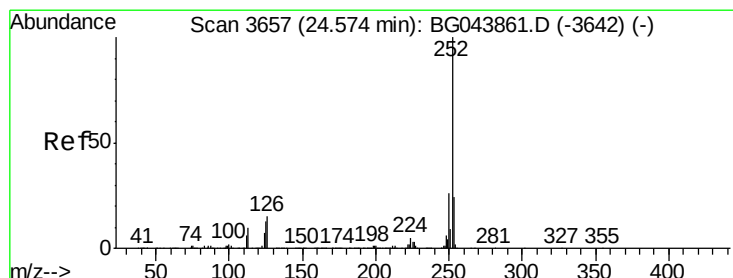
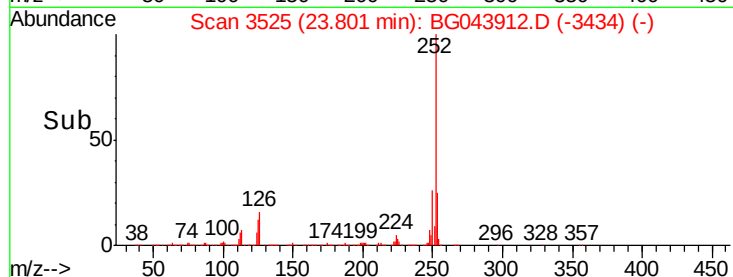
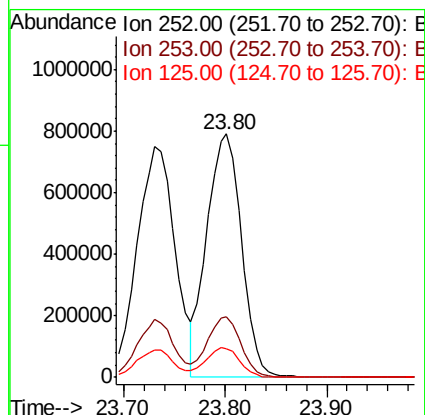
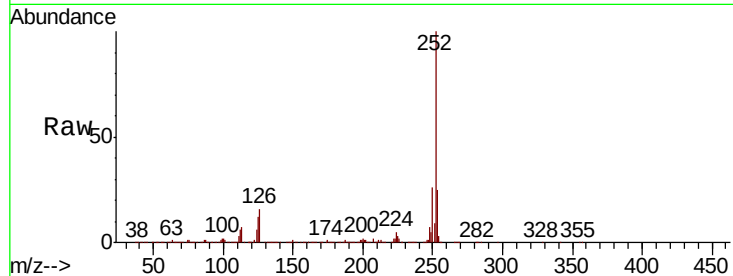
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





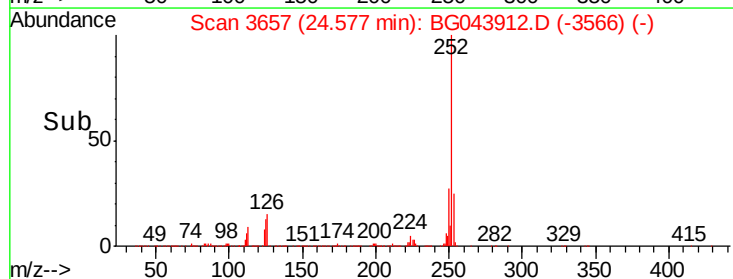
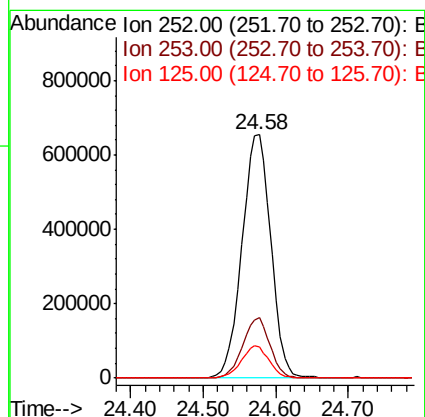
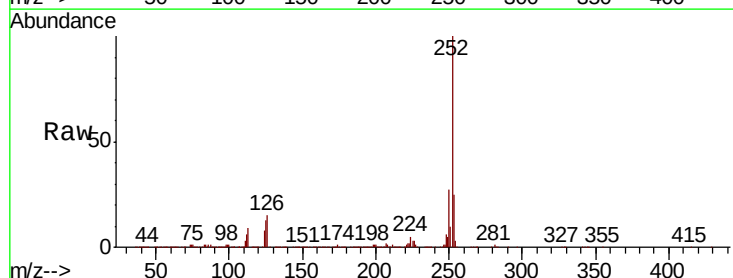
#89
Benzo(k)fluoranthene
Concen: 40.879 ng
RT: 23.80 min Scan# 3525
Delta R.T. 0.00 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

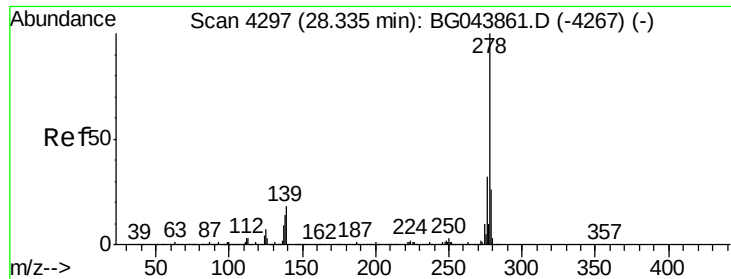
Tot Ion:252 Resp: 1871281
Ion Ratio Lower Upper
252 100
253 24.8 19.4 29.2
125 12.0 9.9 14.9



#90
Benzo(a)pyrene
Concen: 39.710 ng
RT: 24.58 min Scan# 3657
Delta R.T. 0.00 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

Tgt Ion:252 Resp: 1804173
Ion Ratio Lower Upper
252 100
253 24.8 19.3 28.9
125 13.0 10.4 15.6





#91

Dibenzo(a,h)anthracene

Concen: 41.626 ng

RT: 28.33 min Scan# 4296

Delta R.T. -0.00 min

Lab File: BG043912.D

Acq: 4 Jan 2020 8:19

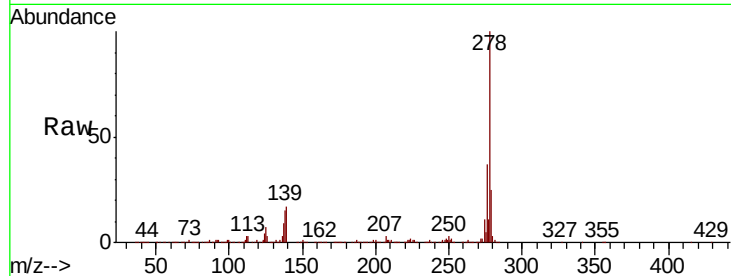
Tot Ion:278 Resp: 1899356

Ion Ratio Lower Upper

278 100

139 17.4 14.2 21.4

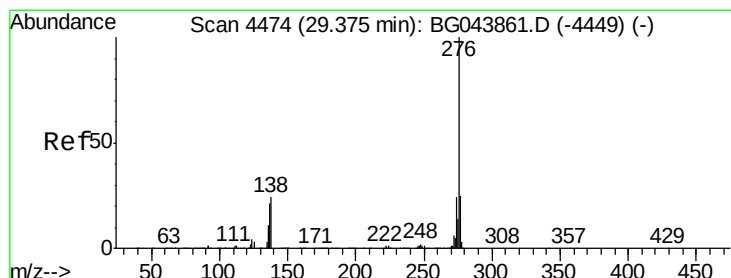
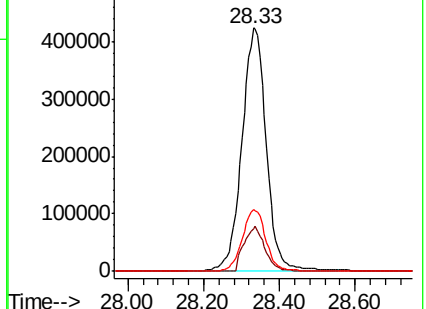
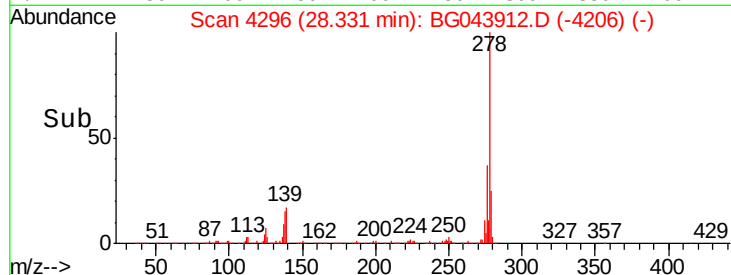
279 25.3 20.6 30.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 42.108 ng

RT: 29.38 min Scan# 4474

Delta R.T. 0.00 min

Lab File: BG043912.D

Acq: 4 Jan 2020 8:19

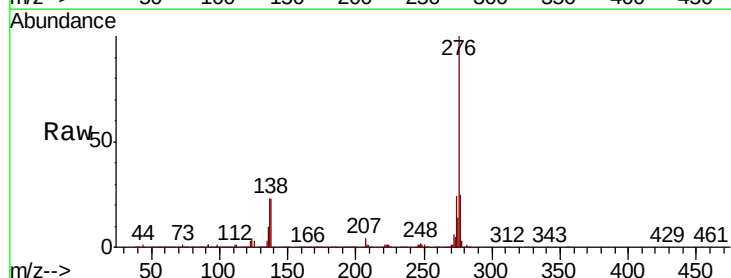
Tgt Ion:276 Resp: 1908494

Ion Ratio Lower Upper

276 100

277 24.8 20.2 30.4

138 22.6 19.0 28.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

