

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010320\
 Data File : BG043915.D
 Acq On : 4 Jan 2020 10:17
 Operator : JU
 Sample : K6113-20MS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jan 06 04:29:54 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	130821	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	560609	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	372920	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	796243	20.00	ng	0.00
76) Chrysene-d12	21.60	240	676707	20.00	ng	0.00
87) Perylene-d12	24.72	264	779944	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	1101168	154.55	ng	0.00
7) Phenol-d6	7.14	99	1498982	150.51	ng	0.01
23) Nitrobenzene-d5	9.12	82	915810	87.39	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	576398	147.70	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1904196	92.51	ng	0.00
79) Terphenyl-d14	19.95	244	2600694	95.72	ng	0.00

Target Compounds

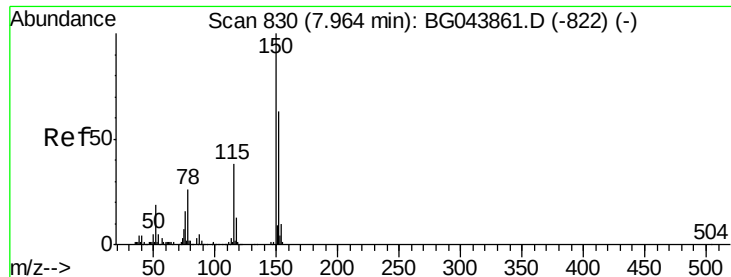
						Qvalue
2) 1,4-Dioxane	3.45	88	136730	44.013	ng	# 40
3) Pyridine	3.85	79	331237	36.093	ng	94
4) n-Nitrosodimethylamine	3.75	42	199872	48.917	ng	98
6) Aniline	7.29	93	177435	13.564	ng	97
8) 2-Chlorophenol	7.54	128	471988	56.428	ng	100
9) Benzaldehyde	7.09	77	251382	39.438	ng	98
10) Phenol	7.16	94	570366	55.585	ng	99
11) bis(2-Chloroethyl)ether	7.39	93	449963	50.801	ng	99
12) 1,3-Dichlorobenzene	7.86	146	452754	46.256	ng	99
13) 1,4-Dichlorobenzene	8.00	146	454557	47.067	ng	99
14) 1,2-Dichlorobenzene	8.32	146	436744	47.114	ng	100
15) Benzyl Alcohol	8.20	79	425472	54.131	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.50	45	643032	46.925	ng	99
17) 2-Methylphenol	8.41	107	418400	56.346	ng	95
18) Hexachloroethane	9.05	117	171215	45.561	ng	97
19) n-Nitroso-di-n-propylamine	8.77	70	368110	49.632	ng	99
20) 3+4-Methylphenols	8.74	107	582853	56.266	ng	98
22) Acetophenone	8.79	105	665234	47.731	ng	# 98
24) Nitrobenzene	9.16	77	513082	49.434	ng	99
25) Isophorone	9.69	82	996168	50.668	ng	99
26) 2-Nitrophenol	9.87	139	271928	55.377	ng	98
27) 2,4-Dimethylphenol	9.94	122	448209	60.636	ng	99
28) bis(2-Chloroethoxy)methane	10.17	93	630236	48.083	ng	99
29) 2,4-Dichlorophenol	10.41	162	481799	54.643	ng	99
30) 1,2,4-Trichlorobenzene	10.63	180	461511	46.682	ng	98
31) Naphthalene	10.81	128	1362481	50.223	ng	99
32) Benzoic acid	10.08	122	186128	33.148	ng	95
33) 4-Chloroaniline	10.93	127	34415	2.660	ng	98
34) Hexachlorobutadiene	11.11	225	260954	43.232	ng	99
35) Caprolactam	11.70	113	127631	38.884	ng	97
36) 4-Chloro-3-methylphenol	12.05	107	537838	57.300	ng	98
37) 2-Methylnaphthalene	12.42	142	1037801	50.812	ng	99
38) 1-Methylnaphthalene	12.64	142	1001549	51.740	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	493585	45.157	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010320\
 Data File : BG043915.D
 Acq On : 4 Jan 2020 10:17
 Operator : JU
 Sample : K6113-20MS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jan 06 04:29:54 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)
41) Hexachlorocyclopentadiene	12.78	237	565185	99.738	nq	98
43) 2,4,6-Trichlorophenol	13.03	196	394439	52.446	nq	98
44) 2,4,5-Trichlorophenol	13.11	196	421795	54.376	nq	99
46) 1,1'-Biphenyl	13.43	154	1312599	49.092	nq	99
47) 2-Chloronaphthalene	13.47	162	1034951	47.902	nq	98
48) 2-Nitroaniline	13.67	65	344368	49.549	nq	96
49) Acenaphthylene	14.32	152	1610126	51.849	nq	99
50) Dimethylphthalate	14.05	163	1349183	50.953	nq	99
51) 2,6-Dinitrotoluene	14.16	165	320634	53.574	nq	99
52) Acenaphthene	14.66	154	1159600	53.247	nq	100
53) 3-Nitroaniline	14.49	138	95213	14.010	nq	98
54) 2,4-Dinitrophenol	14.70	184	244476	80.170	nq	98
55) Dibenzofuran	15.00	168	1557023	51.936	nq	98
56) 4-Nitrophenol	14.81	139	586291	112.574	nq	99
57) 2,4-Dinitrotoluene	14.95	165	443240	54.428	nq	93
58) Fluorene	15.64	166	1237379	52.074	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.22	232	361904	54.258	nq	100
60) Diethylphthalate	15.42	149	1380343	52.120	nq	100
61) 4-Chlorophenyl-phenylether	15.64	204	649368	50.328	nq	99
62) 4-Nitroaniline	15.66	138	321976	47.974	nq	97
63) Azobenzene	15.93	77	1305522	53.154	nq	98
65) 4,6-Dinitro-2-methylphenol	15.72	198	215840	52.191	nq	97
66) n-Nitrosodiphenylamine	15.85	169	1177342	50.210	nq	98
67) 4-Bromophenyl-phenylether	16.53	248	430840	48.110	nq	100
68) Hexachlorobenzene	16.65	284	455067	47.159	nq	98
69) Atrazine	16.80	200	447543	58.718	nq	99
70) Pentachlorophenol	16.99	266	515308	96.874	nq	97
71) Phenanthrene	17.38	178	1906592	49.921	nq	95
72) Anthracene	17.47	178	1957814	51.870	nq	97
73) Carbazole	17.74	167	1830179	52.493	nq	98
74) Di-n-butylphthalate	18.31	149	2164414	48.623	nq	97
75) Fluoranthene	19.39	202	2186973	50.071	nq	98
77) Benzidine	19.56	184	124322	7.309	nq	98
78) Pyrene	19.75	202	2192841	49.644	nq	96
80) Butylbenzylphthalate	20.64	149	1072424	50.996	nq	99
81) Benzo(a)anthracene	21.57	228	2124272	50.625	nq	97
82) 3,3'-Dichlorobenzidine	21.49	252	330859	19.958	nq	100
83) Chrysene	21.64	228	2023140	50.742	nq	97
84) Bis(2-ethylhexyl)phthalate	21.50	149	1479269	50.980	nq	98
85) Di-n-octyl phthalate	22.69	149	2534589	51.958	nq	99
86) Indeno(1,2,3-cd)pyrene	28.27	276	2805979	51.786	nq	# 89
88) Benzo(b)fluoranthene	23.73	252	2338038	50.708	nq	97
89) Benzo(k)fluoranthene	23.80	252	2196958	50.106	nq	98
90) Benzo(a)pyrene	24.58	252	2154856	49.516	nq	99
91) Dibenzo(a,h)anthracene	28.33	278	2299390	52.611	nq	99
92) Benzo(g,h,i)perylene	29.39	276	2290378	52.758	nq	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.96 min Scan# 830

Delta R.T. -0.00 min

Lab File: BG043915.D

Acq: 4 Jan 2020 10:17

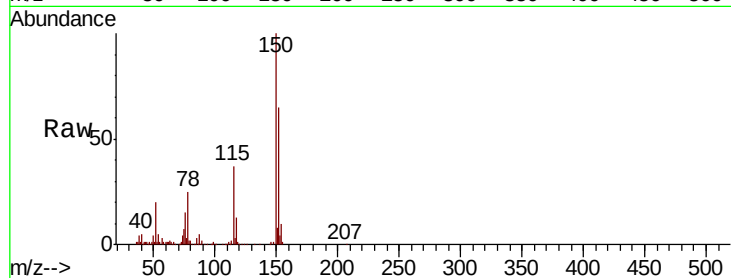
Tot Ion:152 Resp: 130821

Ion Ratio Lower Upper

152 100

150 155.0 127.0 190.4

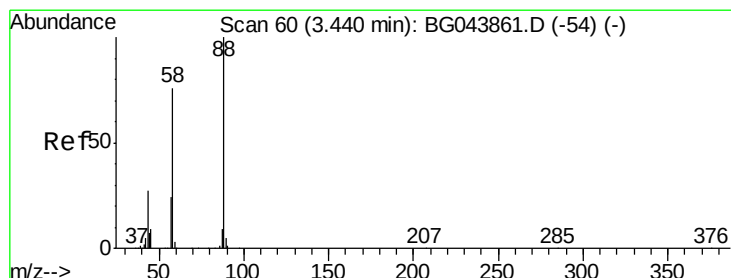
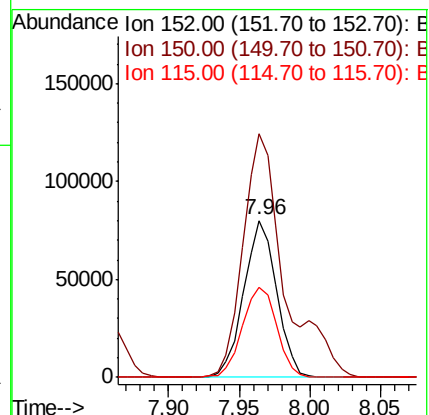
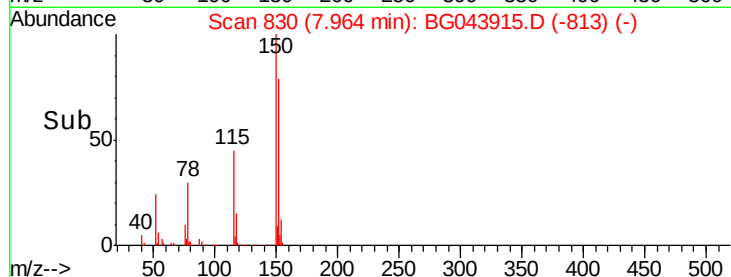
115 57.0 47.8 71.8



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: 44.013 ng

RT: 3.45 min Scan# 62

Delta R.T. 0.01 min

Lab File: BG043915.D

Acq: 4 Jan 2020 10:17

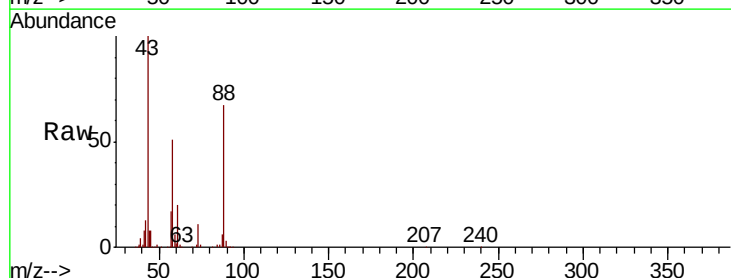
Tgt Ion: 88 Resp: 136730

Ion Ratio Lower Upper

88 100

58 74.5 59.8 89.8

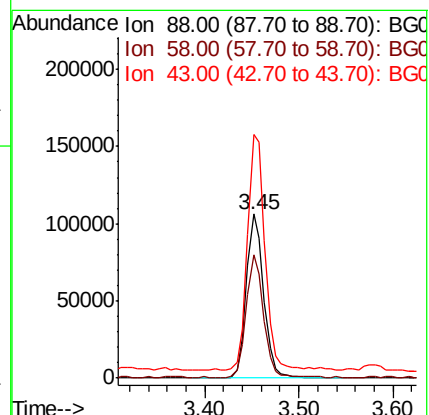
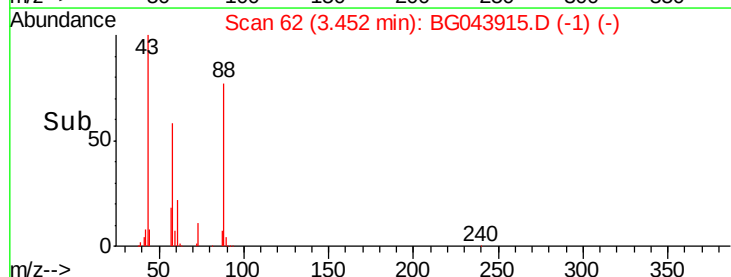
43 143.6 22.9 34.3#

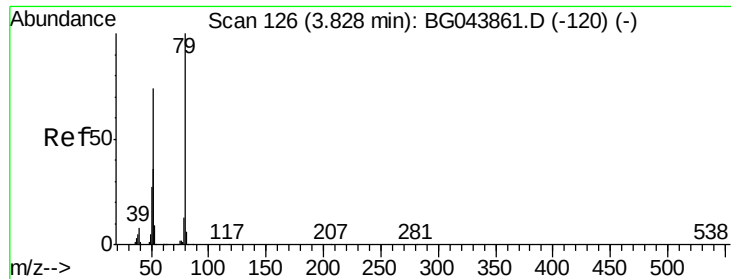


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 36.093 ng

RT: 3.85 min Scan# 130

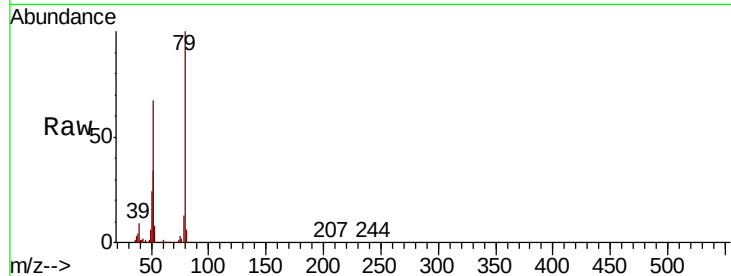
Delta R.T. 0.02 min

Lab File: BG043915.D

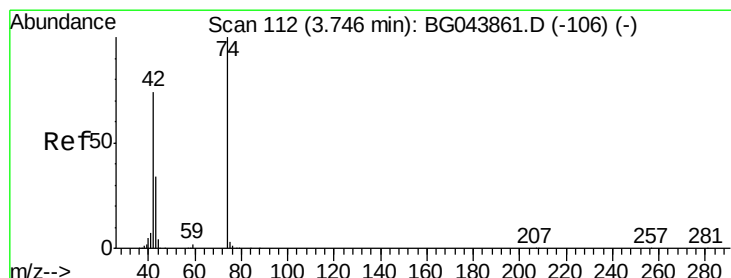
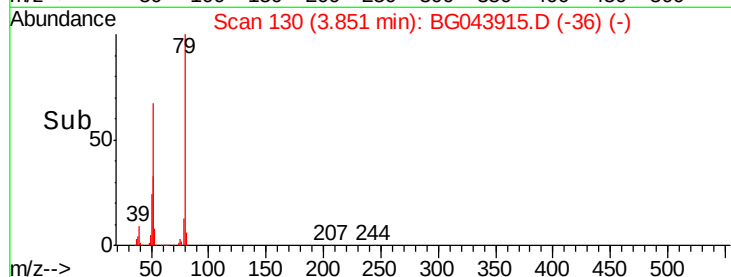
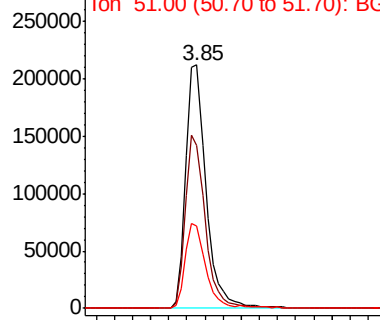
Acq: 4 Jan 2020 10:17

Tot Ion: 79 Resp: 331237

Ion	Ratio	Lower	Upper
79	100		
52	67.0	58.9	88.3
51	33.7	28.6	43.0



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



#4

n-Nitrosodimethylamine

Concen: 48.917 ng

RT: 3.75 min Scan# 113

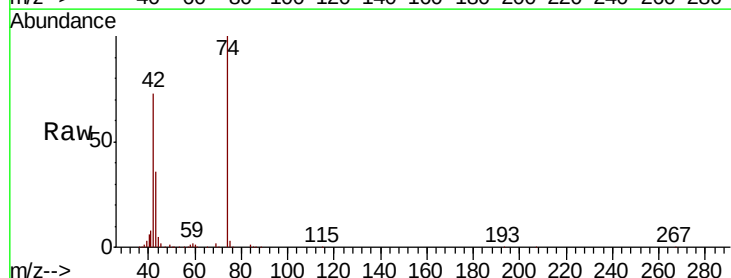
Delta R.T. 0.01 min

Lab File: BG043915.D

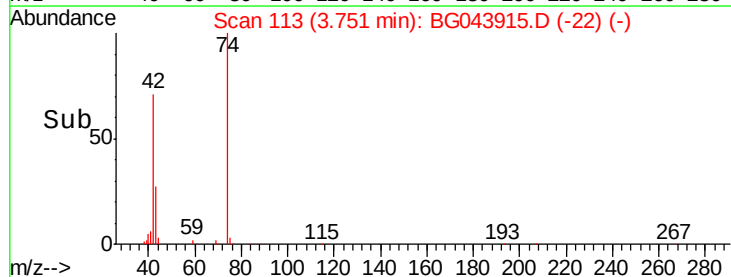
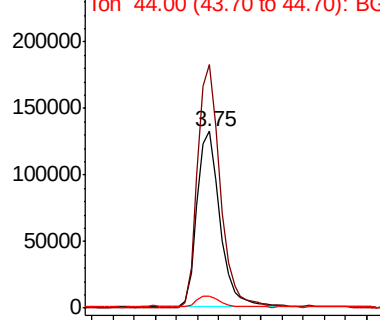
Acq: 4 Jan 2020 10:17

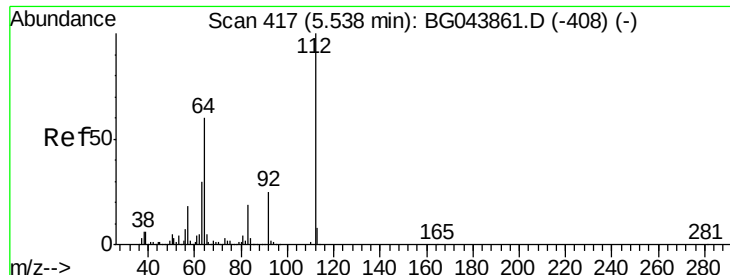
Tgt Ion: 42 Resp: 199872

Ion	Ratio	Lower	Upper
42	100		
74	137.8	108.6	162.8
44	6.5	5.0	7.6



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





#5

2-Fluorophenol

Concen: 154.553 ng

RT: 5.54 min Scan# 418

Delta R.T. 0.01 min

Lab File: BG043915.D

Acq: 4 Jan 2020 10:17

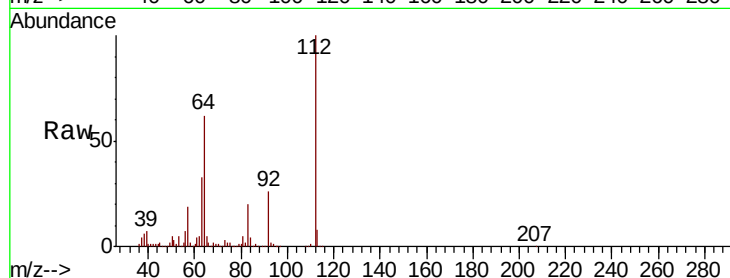
Tot Ion:112 Resp: 1101168

Ion Ratio Lower Upper

112 100

64 62.0 47.8 71.6

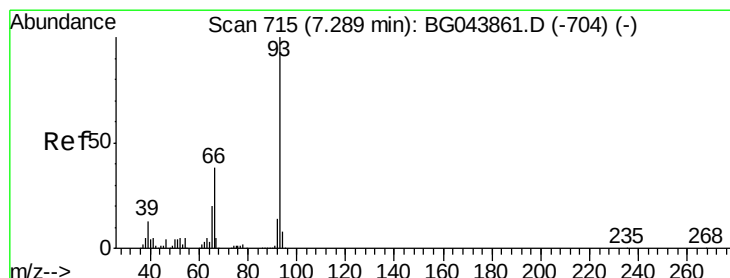
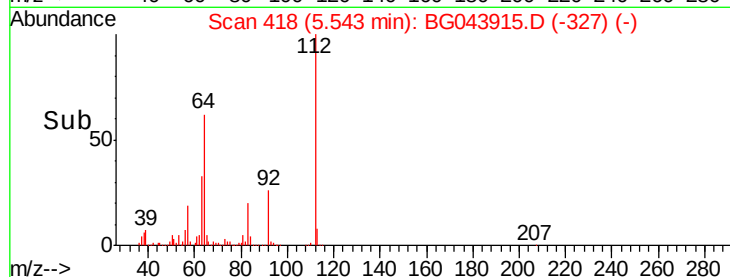
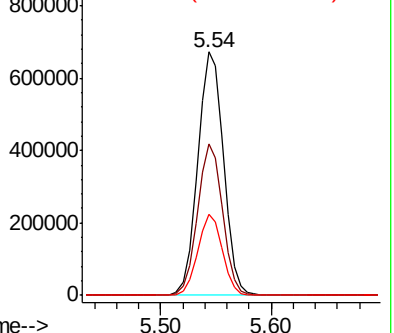
63 33.1 24.3 36.5



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: 13.564 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.00 min

Lab File: BG043915.D

Acq: 4 Jan 2020 10:17

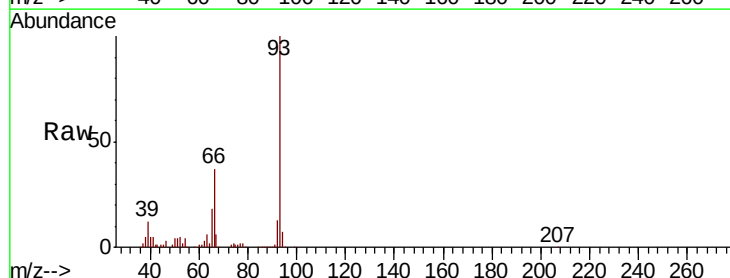
Tgt Ion: 93 Resp: 177435

Ion Ratio Lower Upper

93 100

66 36.7 30.8 46.2

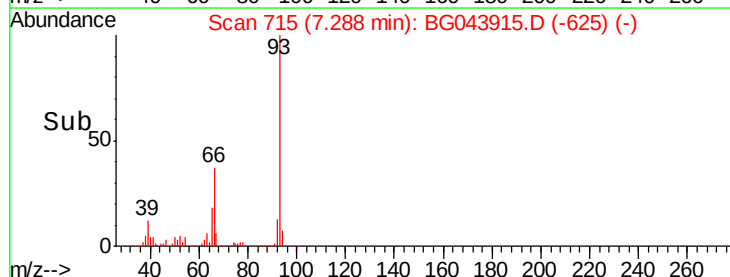
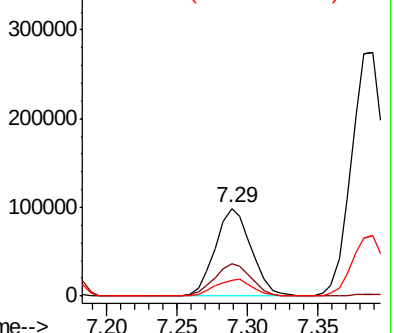
65 18.5 16.0 24.0

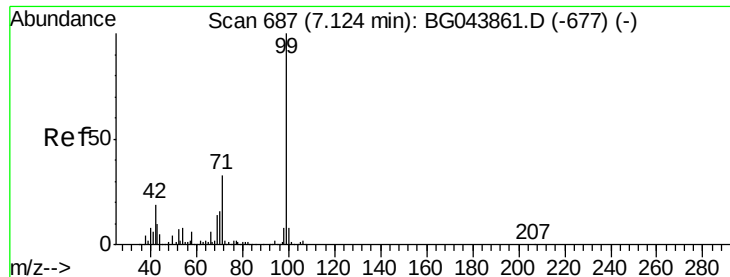


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 150.511 ng

RT: 7.14 min Scan# 689

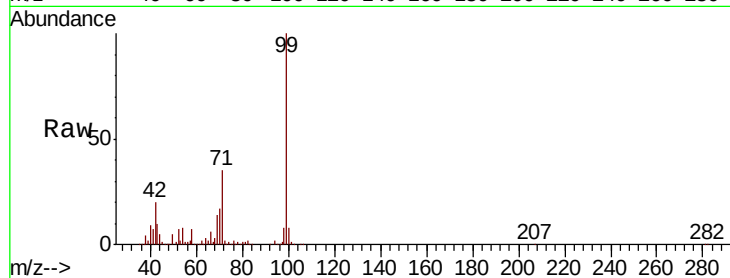
Delta R.T. 0.01 min

Lab File: BG043915.D

Acq: 4 Jan 2020 10:17

Tot Ion: 99 Resp: 1498982

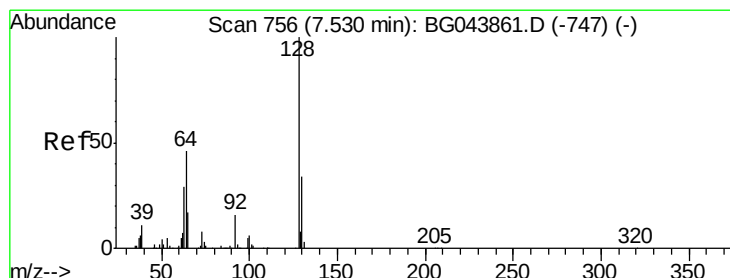
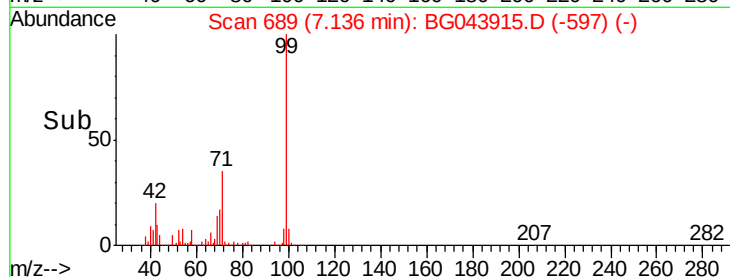
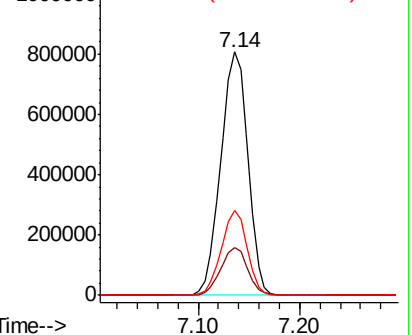
Ion	Ratio	Lower	Upper
99	100		
42	19.9	14.9	22.3
71	34.7	26.4	39.6



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: 56.428 ng

RT: 7.54 min Scan# 757

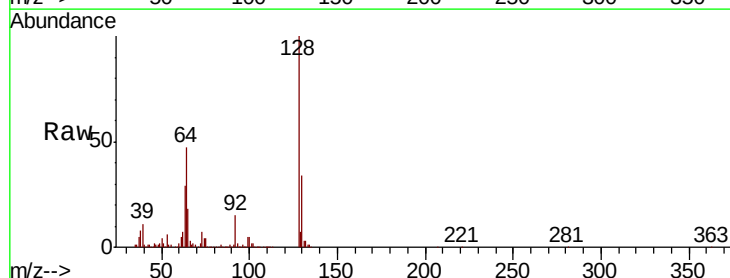
Delta R.T. 0.01 min

Lab File: BG043915.D

Acq: 4 Jan 2020 10:17

Tgt Ion: 128 Resp: 471988

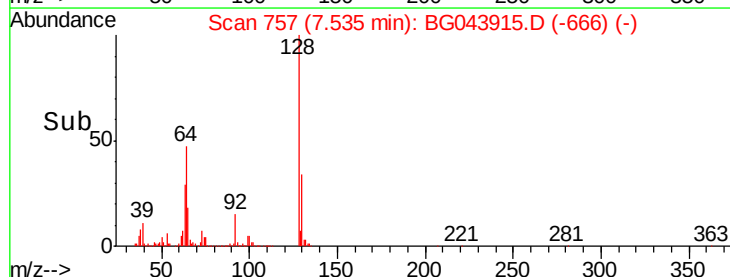
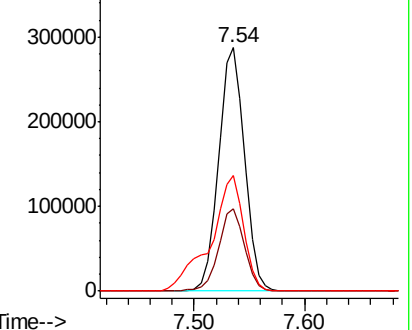
Ion	Ratio	Lower	Upper
128	100		
130	34.0	13.8	53.8
64	47.4	27.6	67.6

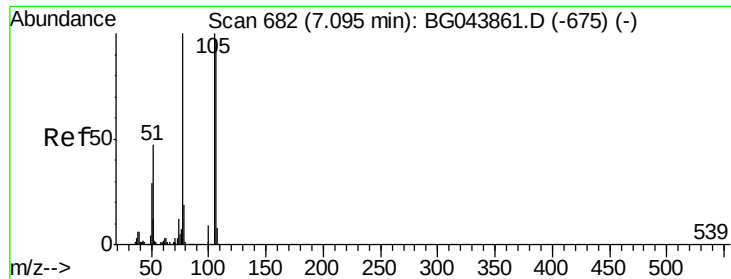


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 39.438 ng

RT: 7.09 min Scan# 682

Delta R.T. -0.00 min

Lab File: BG043915.D

Acq: 4 Jan 2020 10:17

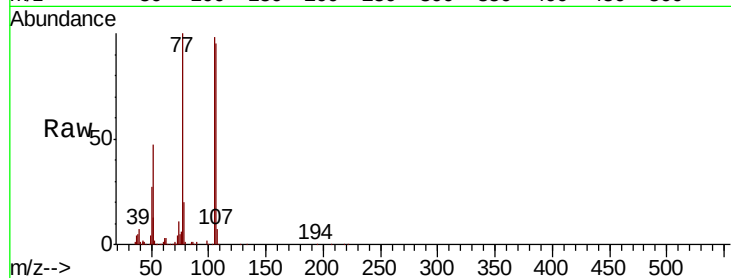
Tot Ion: 77 Resp: 251382

Ion Ratio Lower Upper

77 100

105 98.2 80.2 120.2

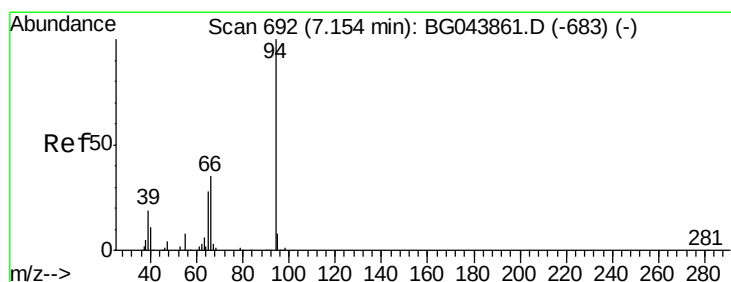
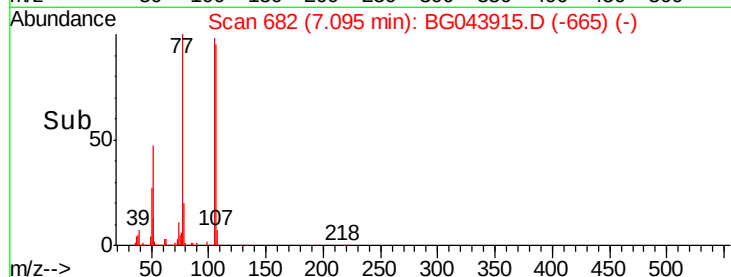
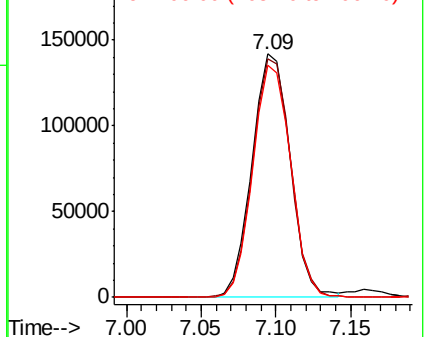
106 95.3 77.2 117.2



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 55.585 ng

RT: 7.16 min Scan# 693

Delta R.T. 0.01 min

Lab File: BG043915.D

Acq: 4 Jan 2020 10:17

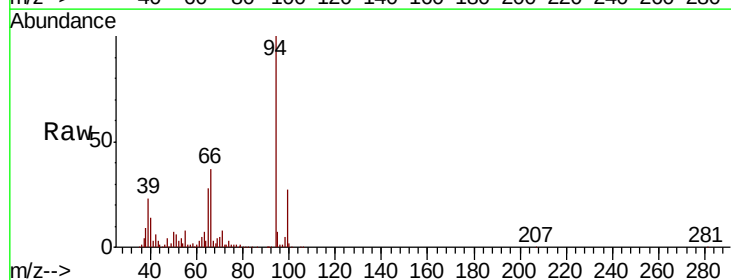
Tgt Ion: 94 Resp: 570366

Ion Ratio Lower Upper

94 100

65 28.5 8.1 48.1

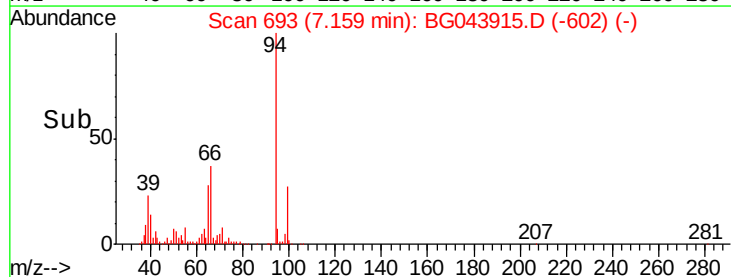
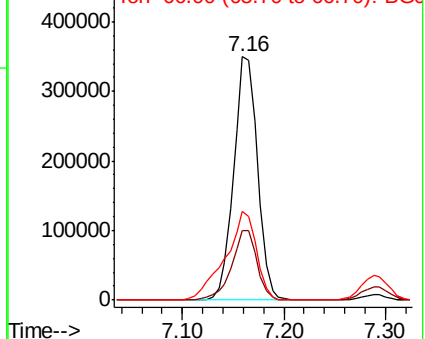
66 36.5 15.6 55.6

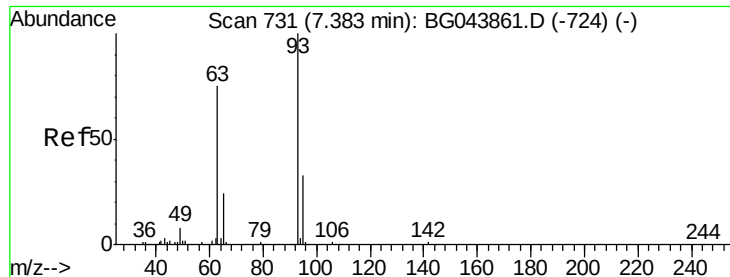


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

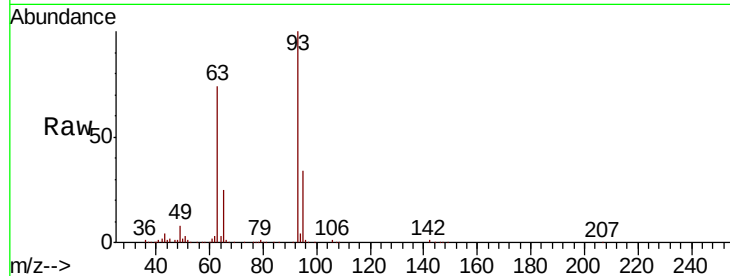
Ion 66.00 (65.70 to 66.70): BGC



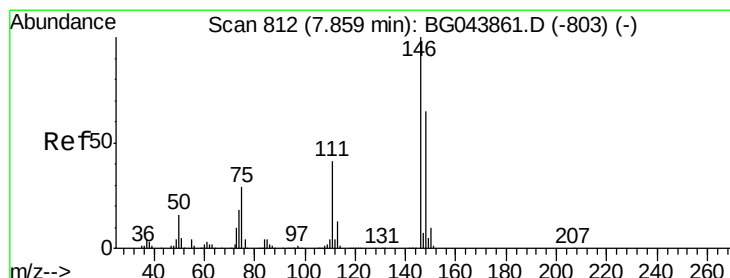
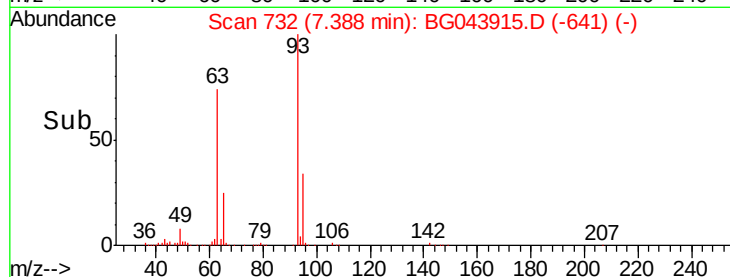
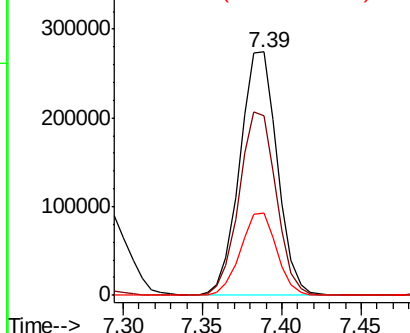


#11
bis(2-Chloroethyl)ether
Concen: 50.801 ng
RT: 7.39 min Scan# 732
Delta R.T. 0.01 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.0	55.0	95.0
95	33.8	13.3	53.3

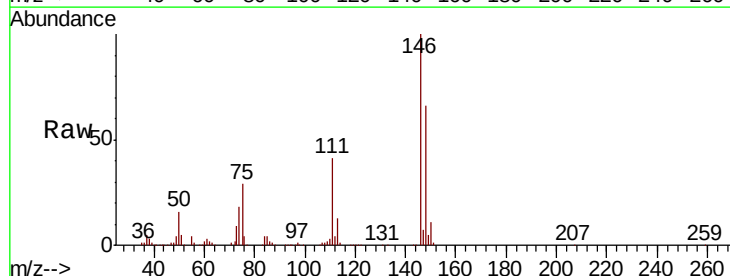


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

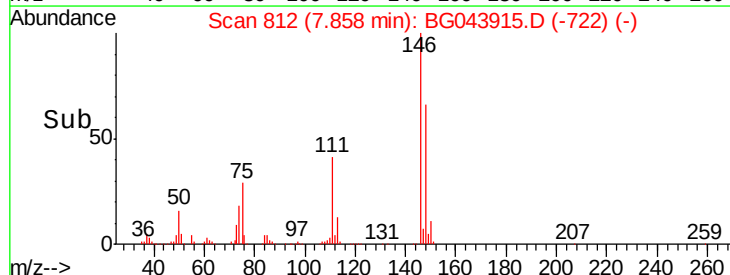
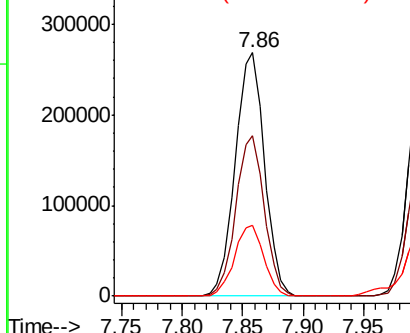


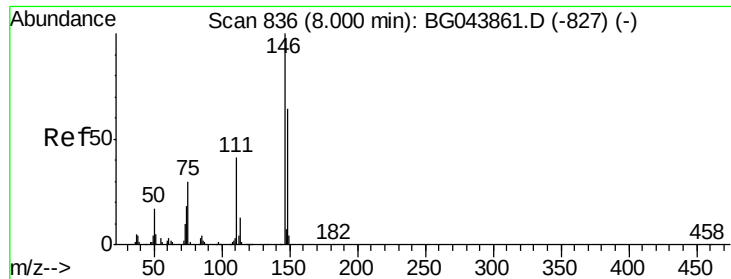
#12
1,3-Dichlorobenzene
Concen: 46.256 ng
RT: 7.86 min Scan# 812
Delta R.T. -0.00 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	52.1	78.1
75	29.1	23.0	34.4



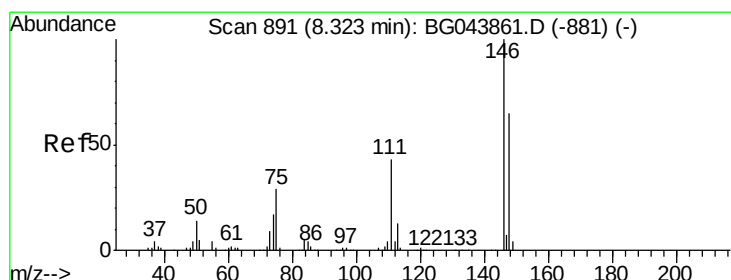
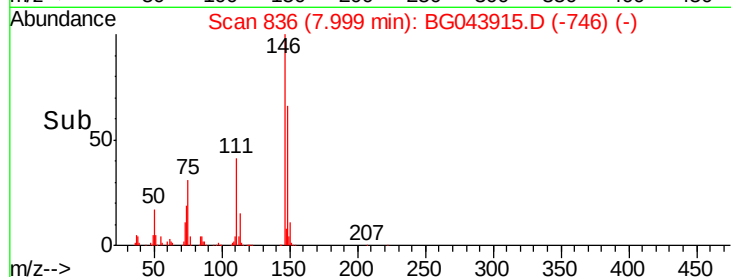
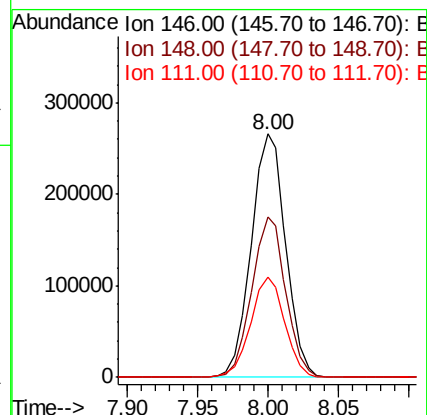
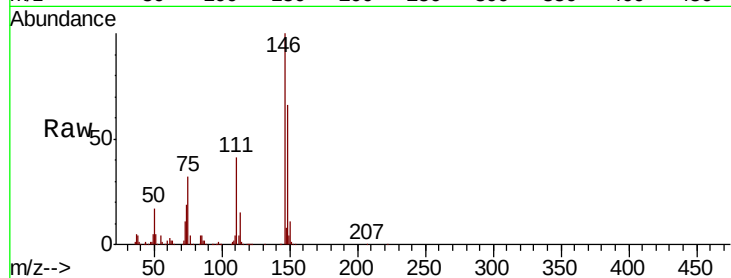
Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC





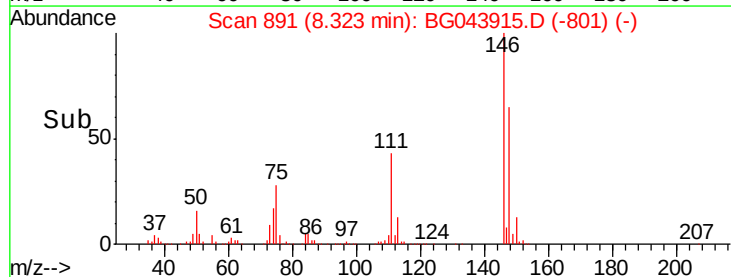
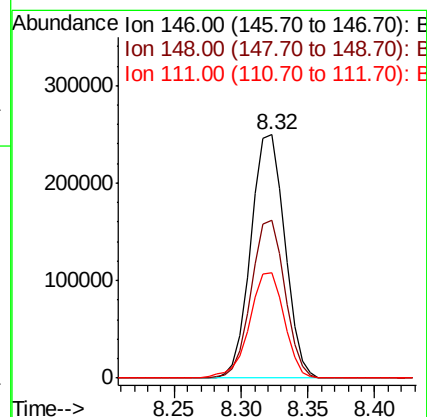
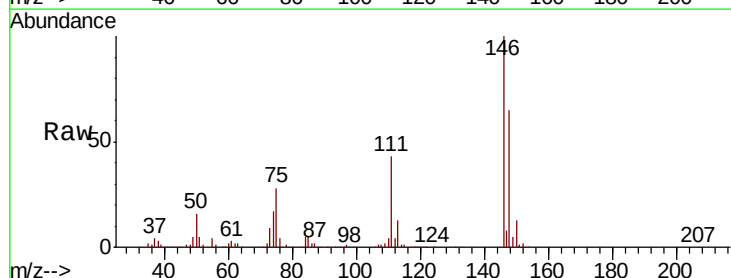
#13
 1,4-Dichlorobenzene
 Concen: 47.067 ng
 RT: 8.00 min Scan# 836
 Delta R.T. -0.00 min
 Lab File: BG043915.D
 Acq: 4 Jan 2020 10:17

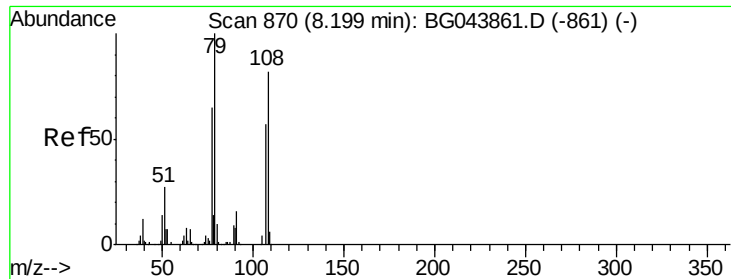
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.2	76.8
111	41.3	33.1	49.7



#14
 1,2-Dichlorobenzene
 Concen: 47.114 ng
 RT: 8.32 min Scan# 891
 Delta R.T. -0.00 min
 Lab File: BG043915.D
 Acq: 4 Jan 2020 10:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.7	77.5
111	43.1	34.4	51.6





#15

Benzyl Alcohol

Concen: 54.131 ng

RT: 8.20 min Scan# 870

Delta R.T. -0.00 min

Lab File: BG043915.D

Acq: 4 Jan 2020 10:17

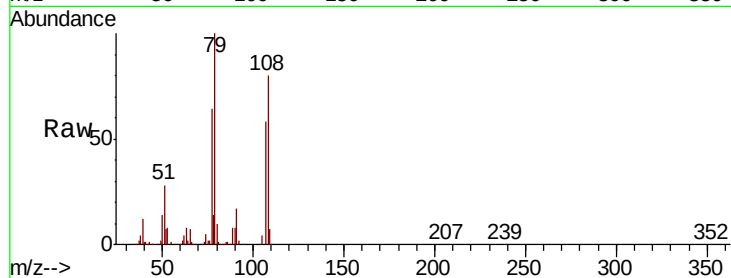
Tot Ion: 79 Resp: 425472

Ion Ratio Lower Upper

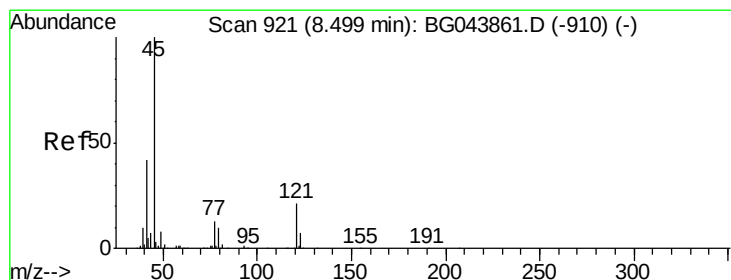
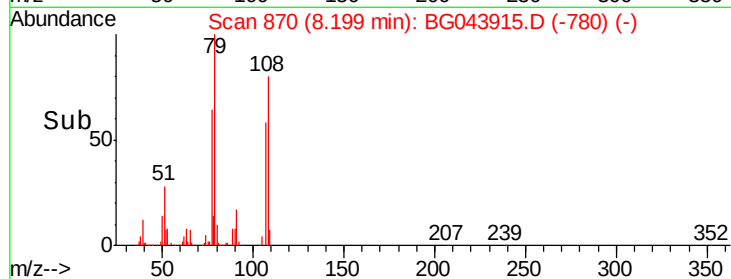
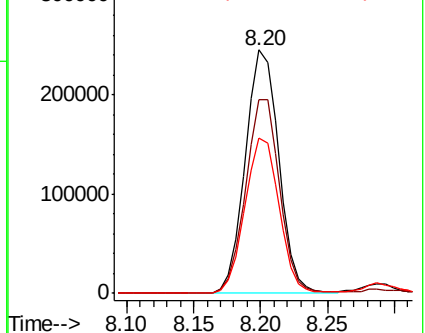
79 100

108 79.6 65.6 98.4

77 63.9 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: 46.925 ng

RT: 8.50 min Scan# 921

Delta R.T. -0.00 min

Lab File: BG043915.D

Acq: 4 Jan 2020 10:17

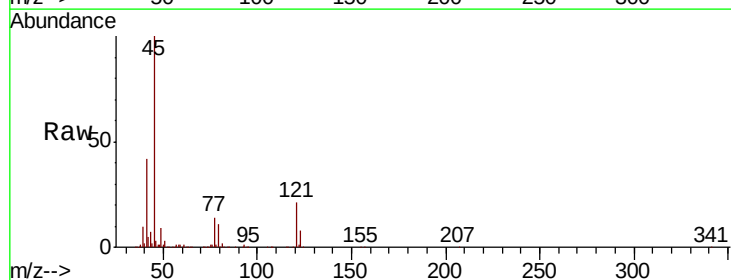
Tgt Ion: 45 Resp: 643032

Ion Ratio Lower Upper

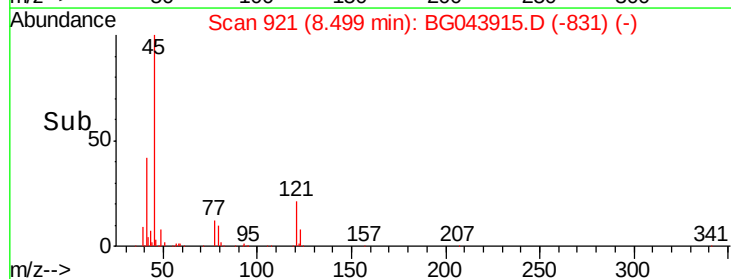
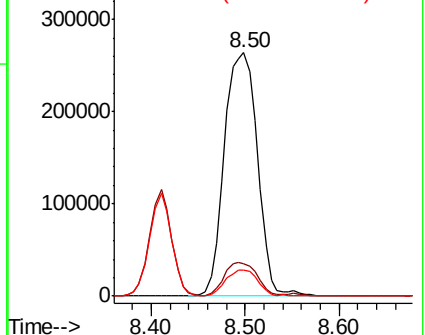
45 100

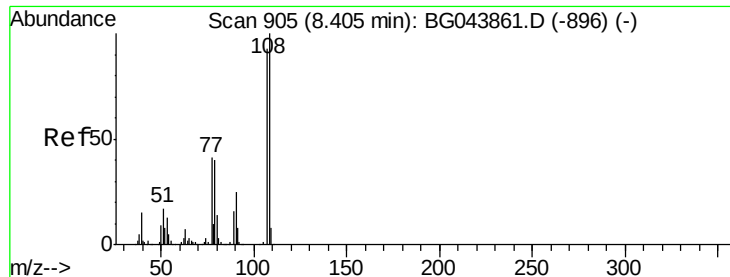
77 13.5 0.0 33.8

79 10.8 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: 56.346 ng

RT: 8.41 min Scan# 906

Delta R.T. 0.01 min

Lab File: BG043915.D

Acq: 4 Jan 2020 10:17

Tot Ion:107 Resp: 418400

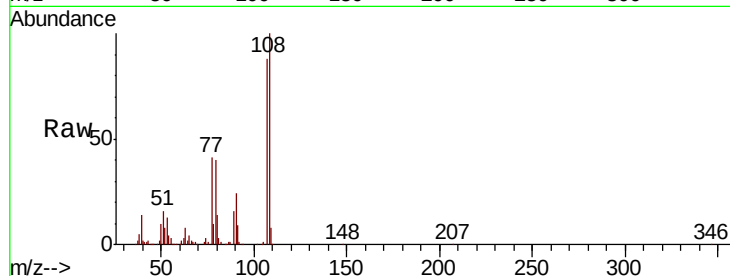
Ion Ratio Lower Upper

107 100

108 113.5 86.1 129.1

77 47.0 35.4 53.0

79 45.5 34.8 52.2



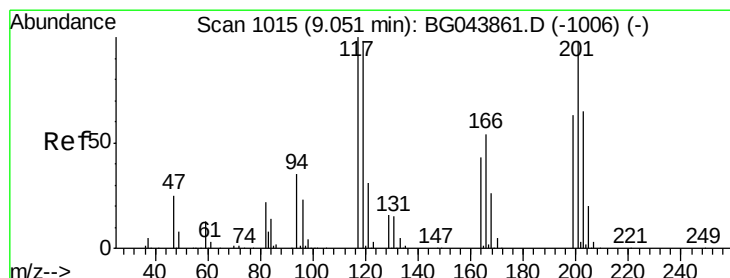
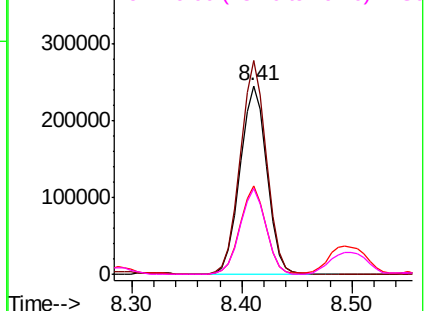
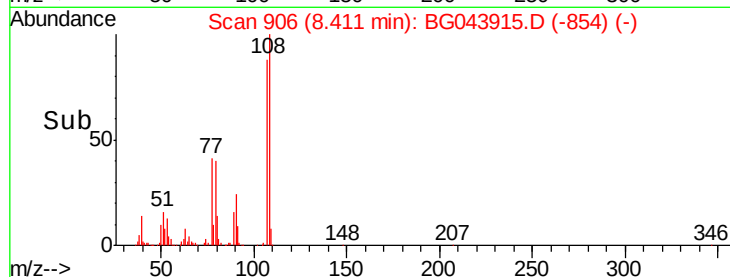
Abundance

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: 45.561 ng

RT: 9.05 min Scan# 1015

Delta R.T. -0.00 min

Lab File: BG043915.D

Acq: 4 Jan 2020 10:17

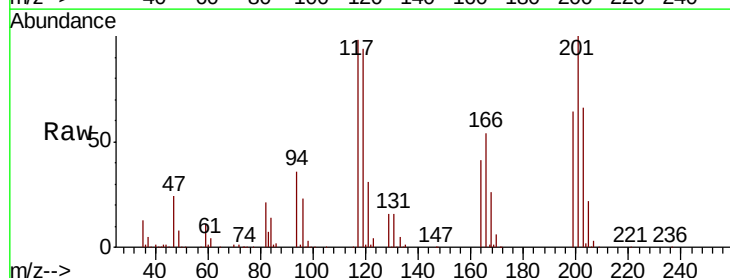
Tgt Ion:117 Resp: 171215

Ion Ratio Lower Upper

117 100

119 96.5 78.1 117.1

201 102.3 78.6 117.8

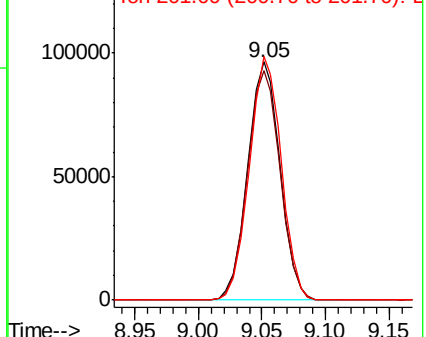
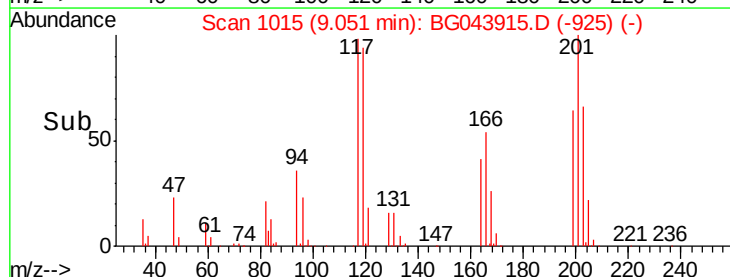


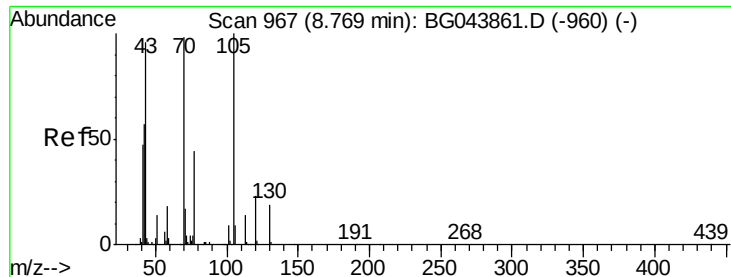
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

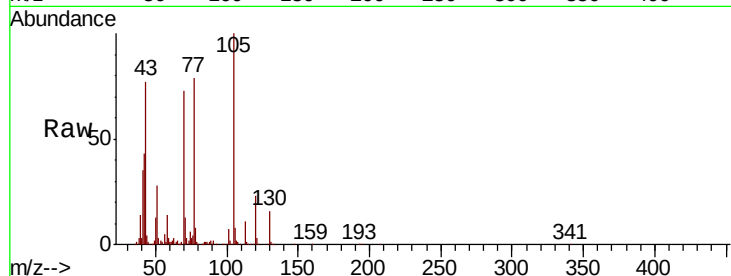
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 49.632 ng
RT: 8.77 min Scan# 968
Delta R.T. 0.01 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Tot Ion:	70	Resp:	368110
Ion	Ratio	Lower	Upper
70	100		
42	58.8	47.0	70.4
101	9.3	7.2	10.8
130	22.0	15.6	23.4



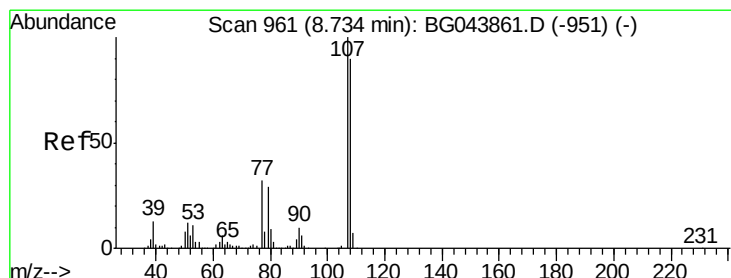
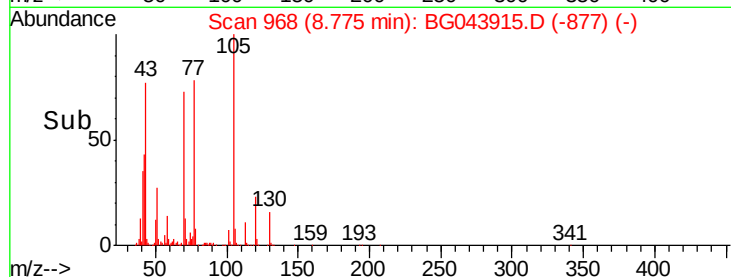
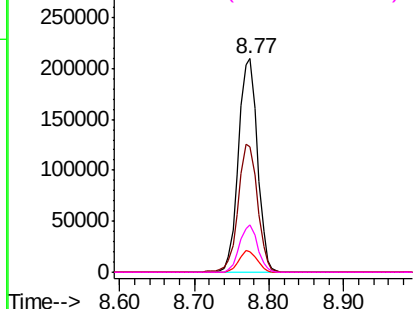
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

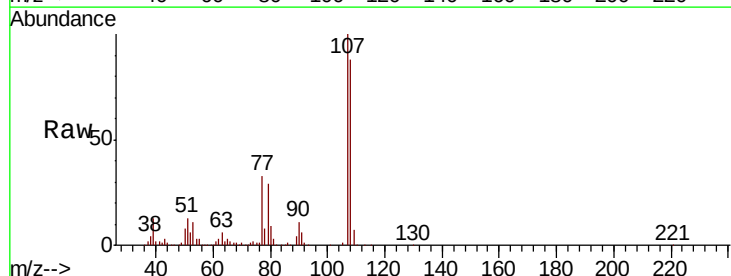
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 56.266 ng
RT: 8.74 min Scan# 962
Delta R.T. 0.01 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Tgt Ion:	107	Resp:	582853
Ion	Ratio	Lower	Upper
107	100		
108	88.0	70.3	110.3
77	32.7	12.4	52.4
79	28.9	8.6	48.6



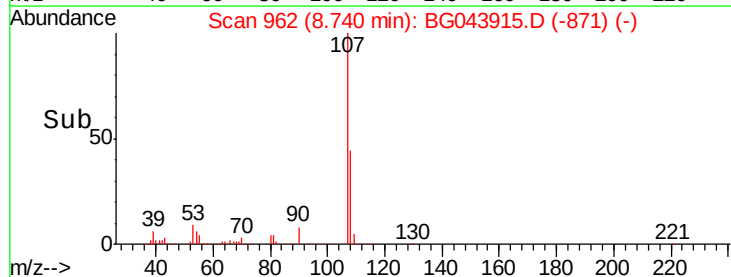
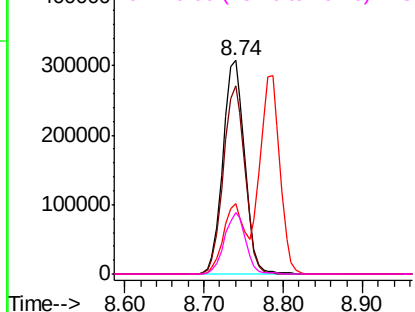
Abundance

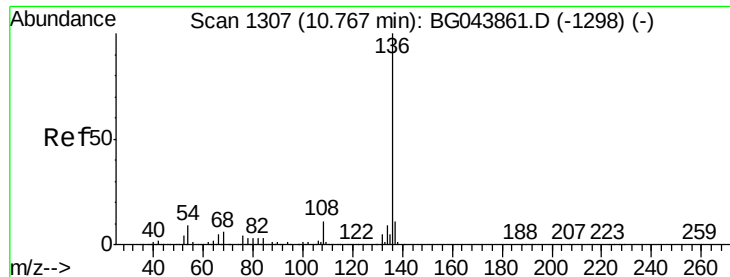
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

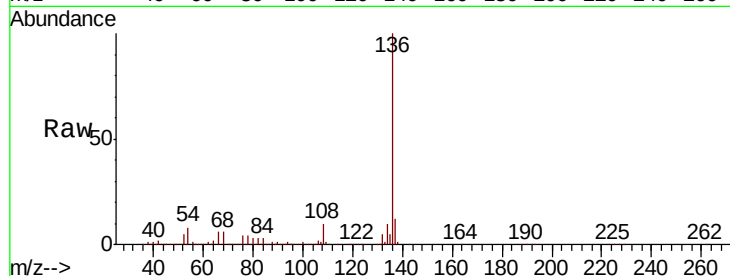
Ion 79.00 (78.70 to 79.70): BGC





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Tot Ion:136	Resp: 560609
Ion Ratio	Lower Upper
136 100	
137 12.0	8.8 13.2
54 8.0	7.0 10.4
68 6.0	4.9 7.3



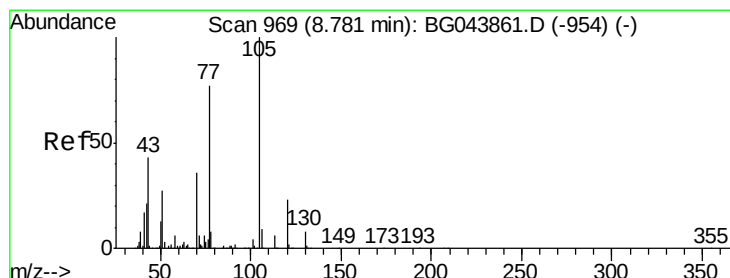
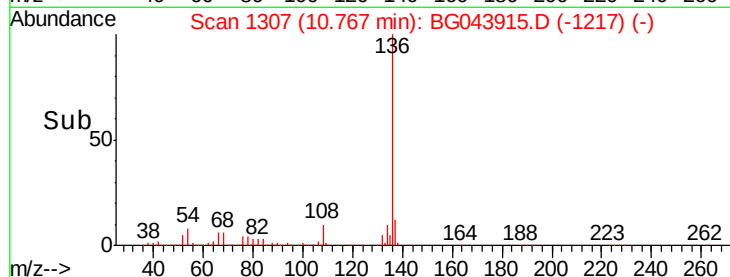
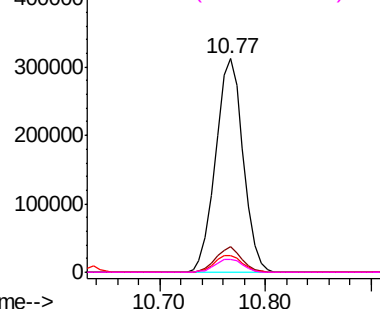
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

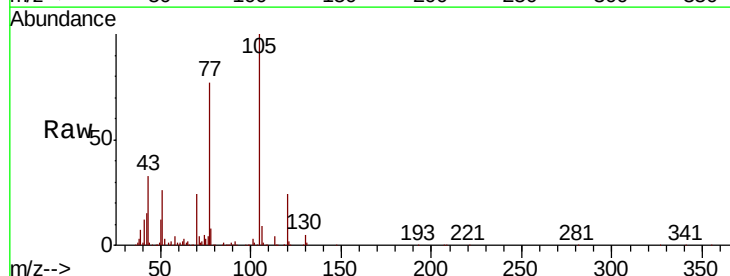
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 47.731 ng
RT: 8.79 min Scan# 970
Delta R.T. 0.01 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Tgt	Ion:105	Resp:	665234
Ion	Ratio	Lower	Upper
105	100		
71	4.0	4.8	7.2#
51	26.2	21.4	32.0
120	23.8	18.6	28.0



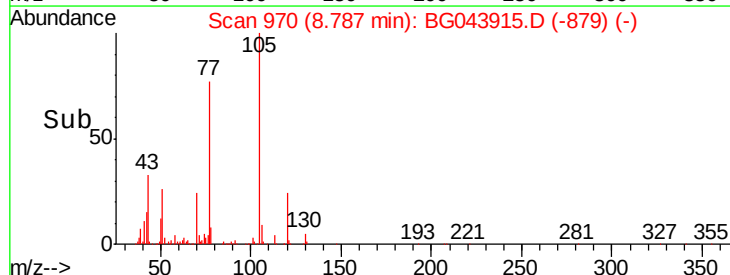
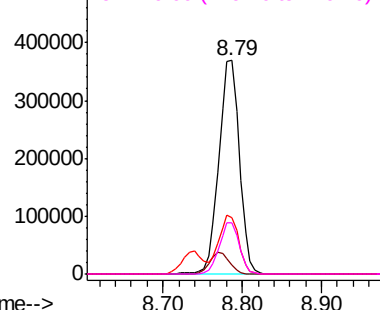
Abundance

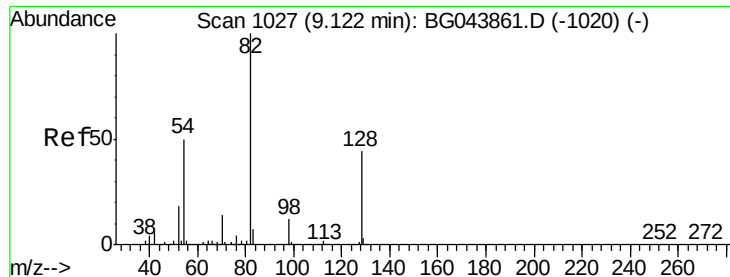
Ion 105.00 (104.70 to 105.70): E

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: 87.391 ng

RT: 9.12 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BG043915.D

Acq: 4 Jan 2020 10:17

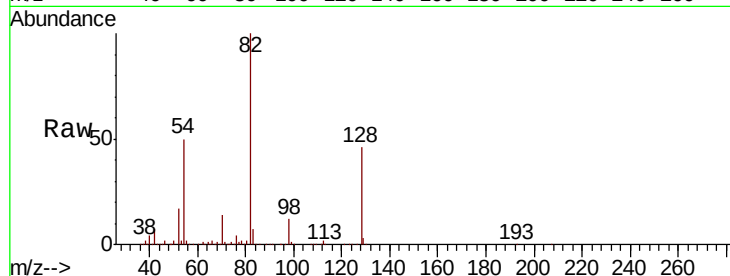
Tot Ion: 82 Resp: 915810

Ion Ratio Lower Upper

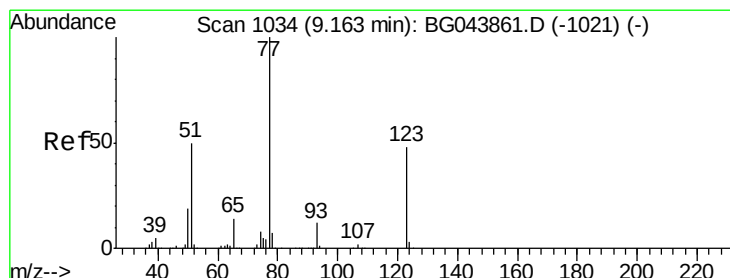
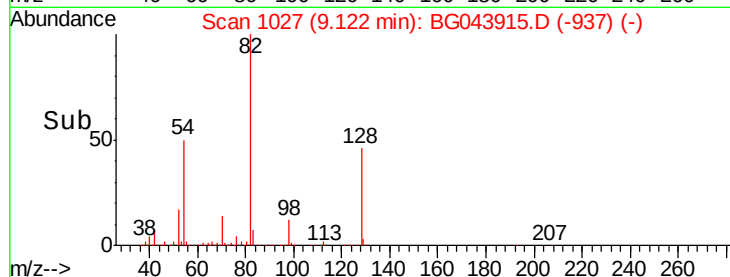
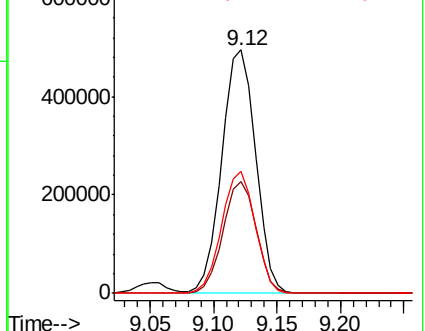
82 100

128 45.7 35.1 52.7

54 49.9 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: 49.434 ng

RT: 9.16 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BG043915.D

Acq: 4 Jan 2020 10:17

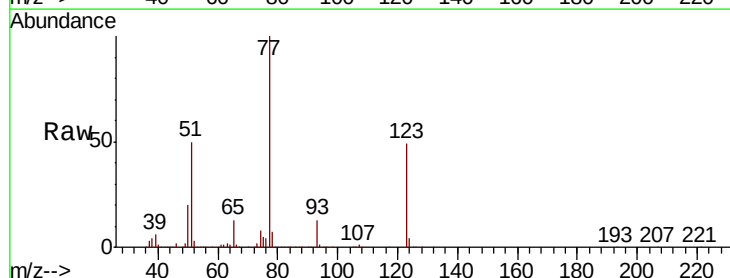
Tgt Ion: 77 Resp: 513082

Ion Ratio Lower Upper

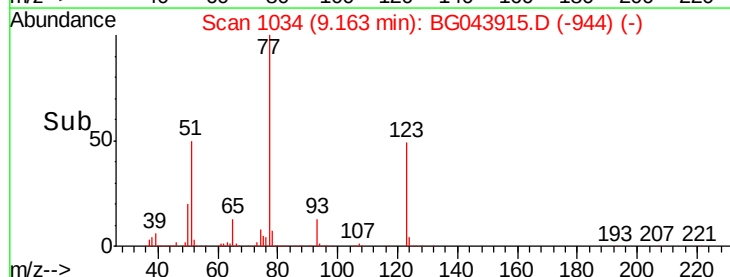
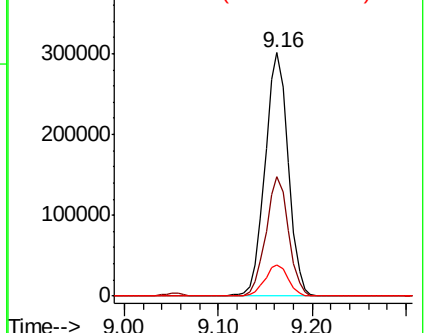
77 100

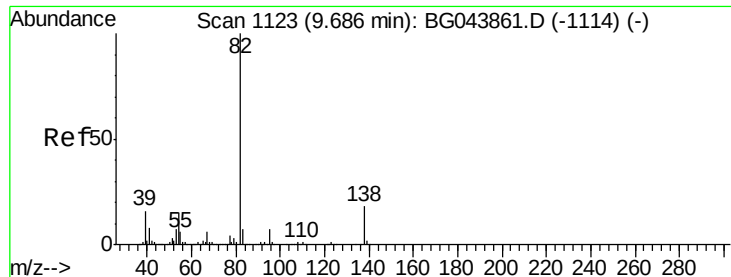
123 49.2 38.7 58.1

65 12.9 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: 50.668 ng

RT: 9.69 min Scan# 1124

Delta R.T. 0.01 min

Lab File: BG043915.D

Acq: 4 Jan 2020 10:17

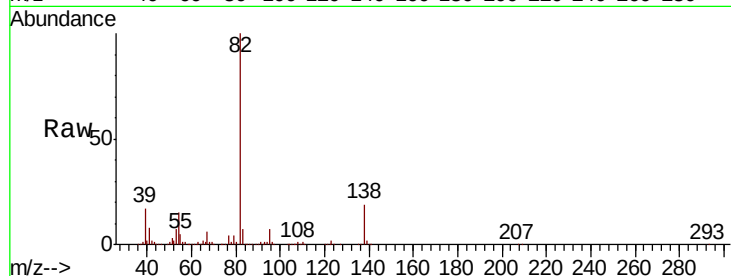
Tot Ion: 82 Resp: 996168

Ion Ratio Lower Upper

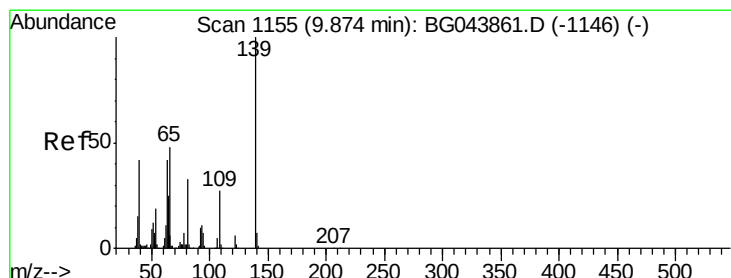
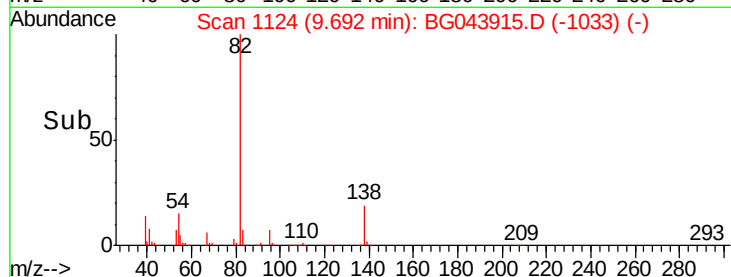
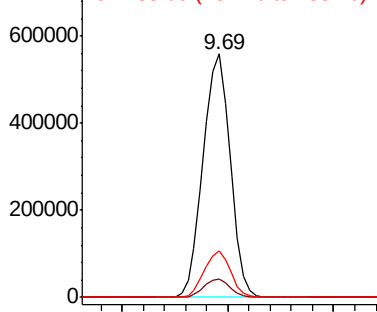
82 100

95 7.4 5.8 8.6

138 19.0 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: 55.377 ng

RT: 9.87 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BG043915.D

Acq: 4 Jan 2020 10:17

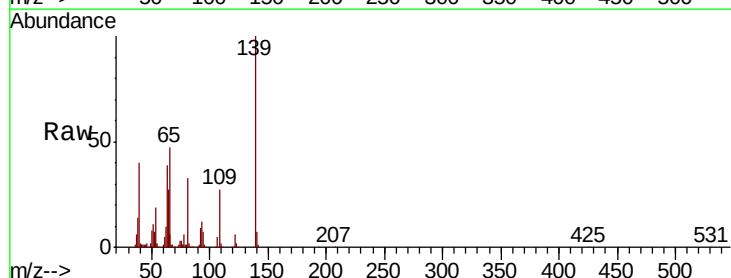
Tgt Ion: 139 Resp: 271928

Ion Ratio Lower Upper

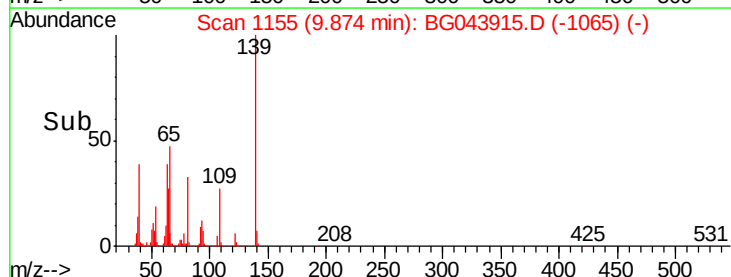
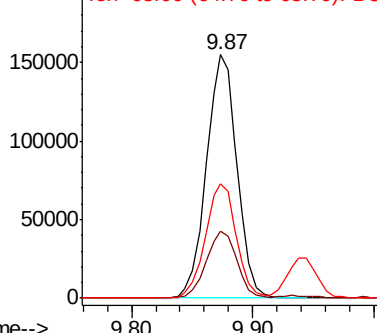
139 100

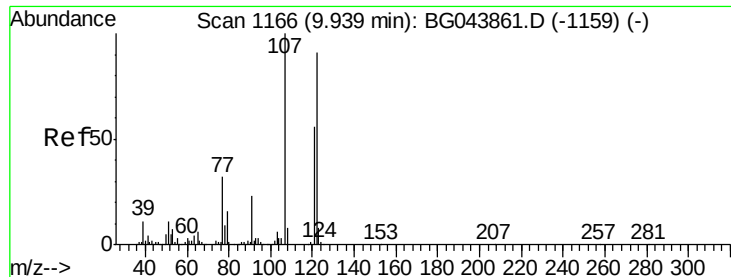
109 27.3 21.3 31.9

65 46.9 38.6 57.8



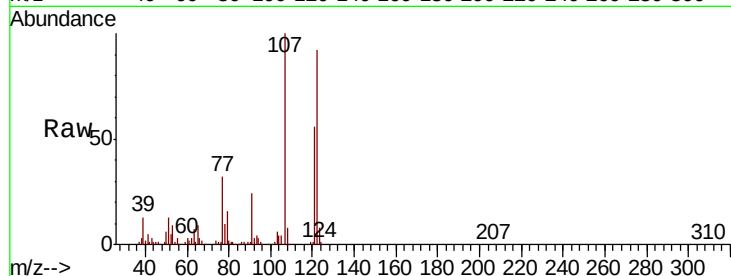
Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#27
2,4-Dimethylphenol
Concen: 60.636 ng
RT: 9.94 min Scan# 1167
Delta R.T. 0.01 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Tot Ion	Ratio	Lower	Upper
122	100		
107	108.4	88.0	132.0
121	60.8	49.0	73.4

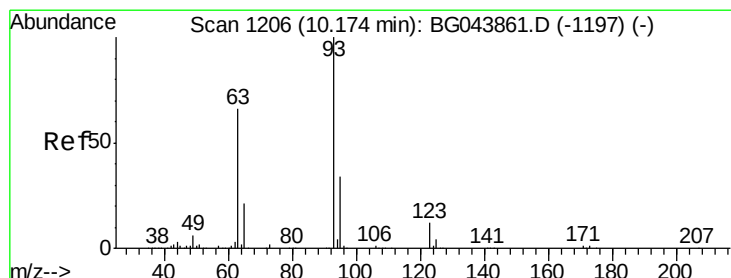
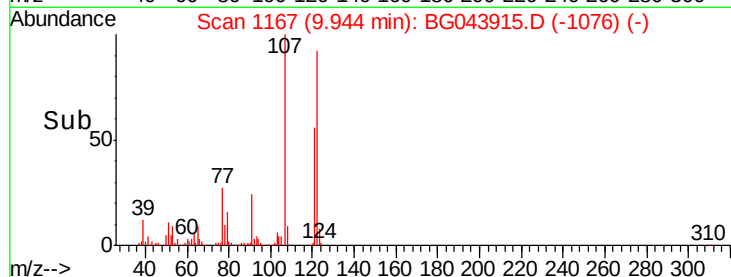
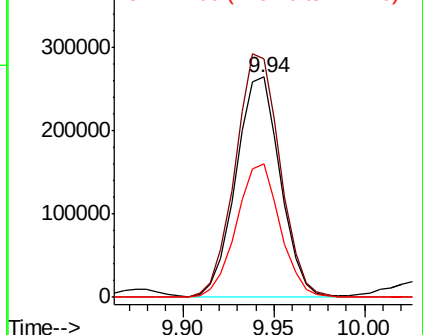


Abundance

Ion 122.00 (121.70 to 122.70): E

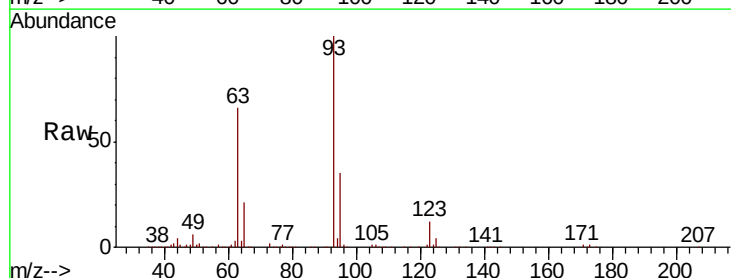
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 48.083 ng
RT: 10.17 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.9	27.2	40.8
123	11.9	9.7	14.5

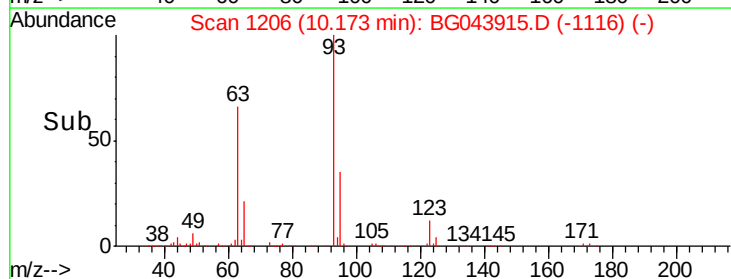
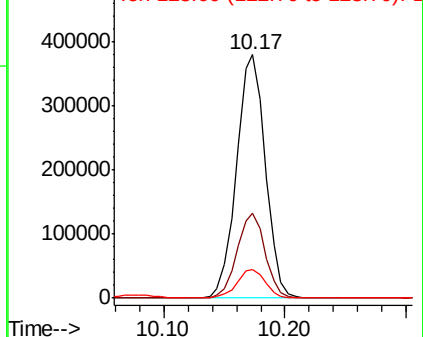


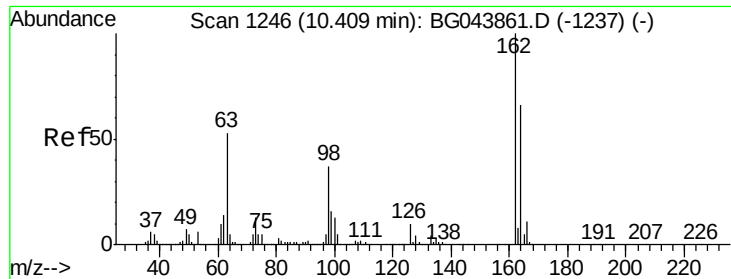
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

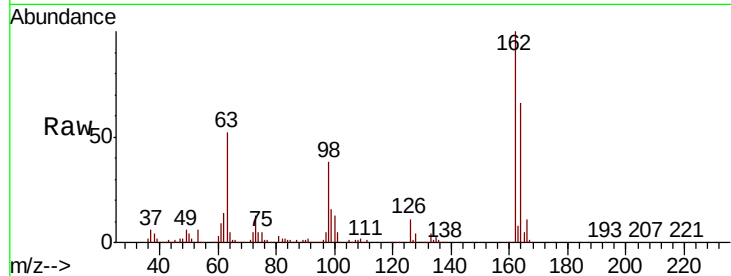
Ion 123.00 (122.70 to 123.70): E



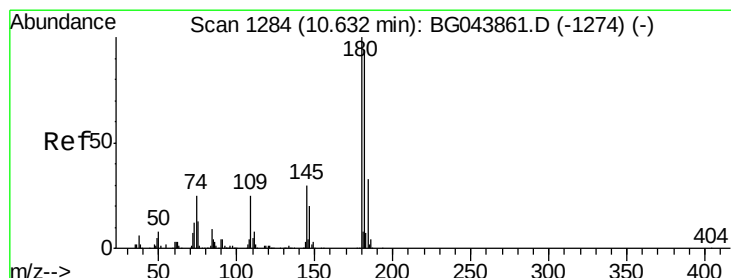
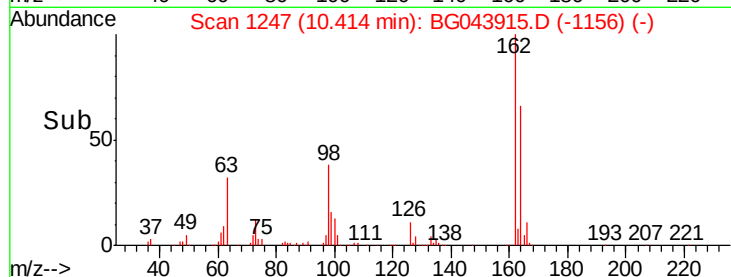
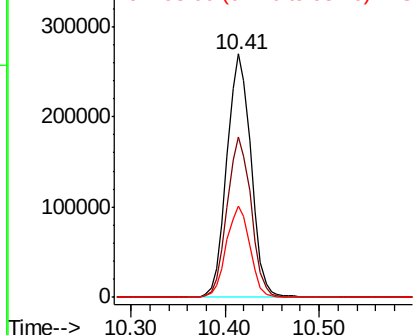


#29
 2,4-Dichlorophenol
 Concen: 54.643 ng
 RT: 10.41 min Scan# 1247
 Delta R.T. 0.01 min
 Lab File: BG043915.D
 Acq: 4 Jan 2020 10:17

Tot Ion:	162	Resp:	481799
Ion	Ratio	Lower	Upper
162	100		
164	65.7	46.3	86.3
98	37.7	17.3	57.3

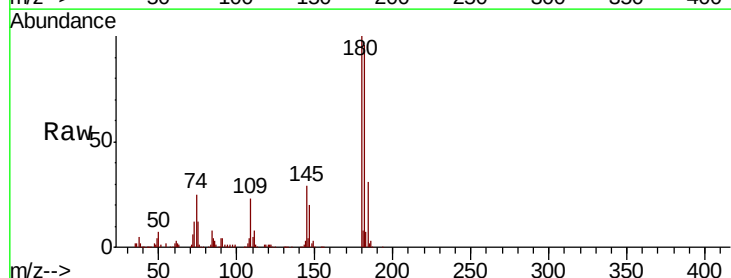


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC

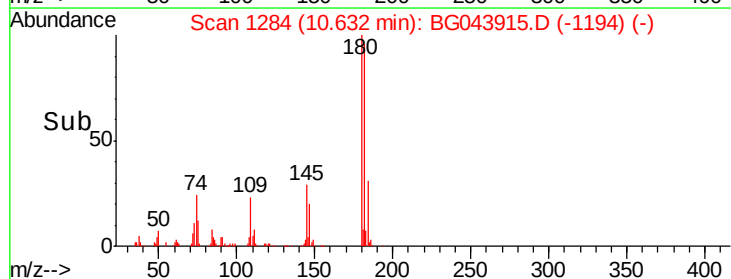
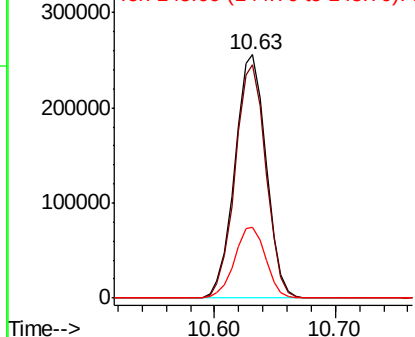


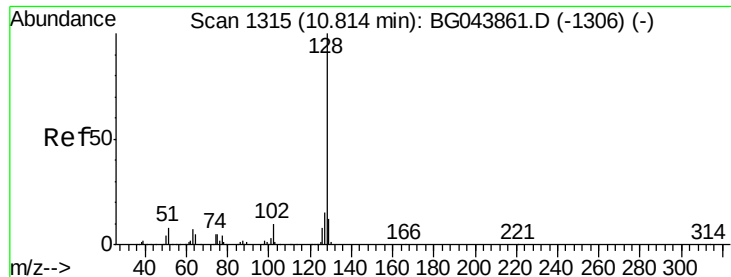
#30
 1,2,4-Trichlorobenzene
 Concen: 46.682 ng
 RT: 10.63 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: BG043915.D
 Acq: 4 Jan 2020 10:17

Tgt Ion:	180	Resp:	461511
Ion	Ratio	Lower	Upper
180	100		
182	95.8	75.0	112.4
145	29.2	24.2	36.4



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

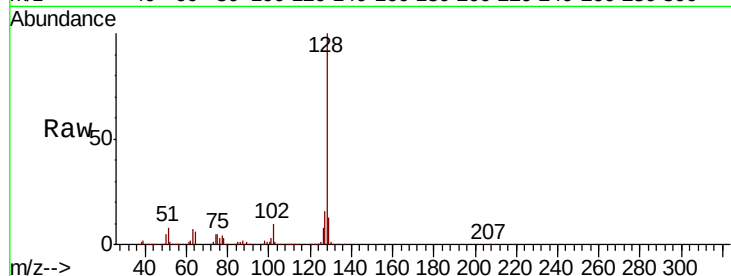




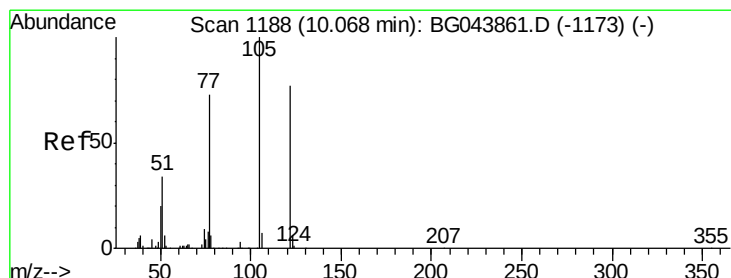
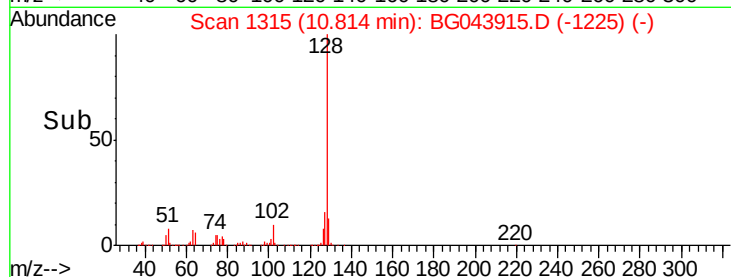
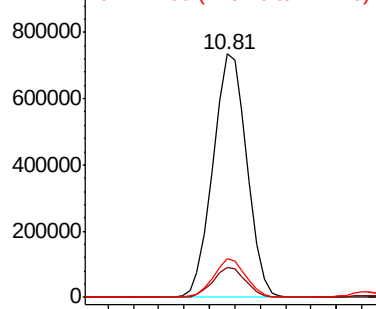
#31
Naphthalene
Concen: 50.223 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Tot Ion:128 Resp: 1362481

Ion	Ratio	Lower	Upper
128	100		
129	12.5	9.8	14.6
127	15.7	12.0	18.0



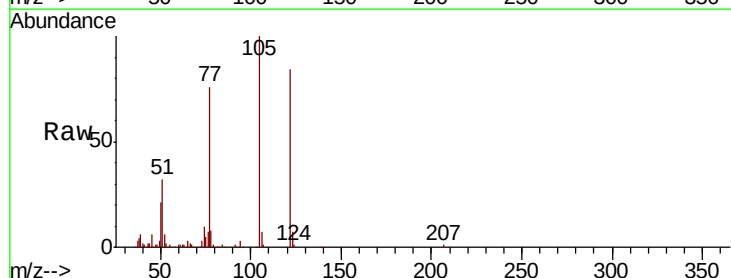
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



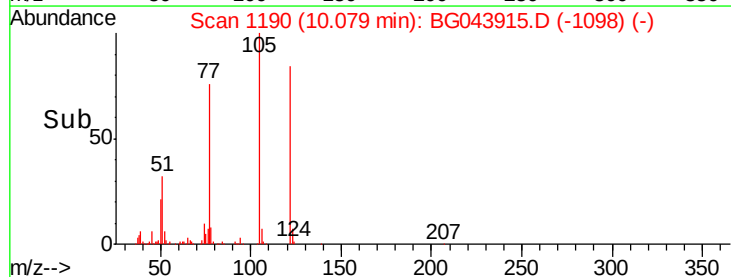
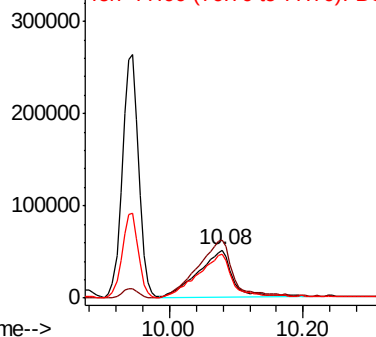
#32
Benzoic acid
Concen: 33.148 ng
RT: 10.08 min Scan# 1190
Delta R.T. 0.01 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

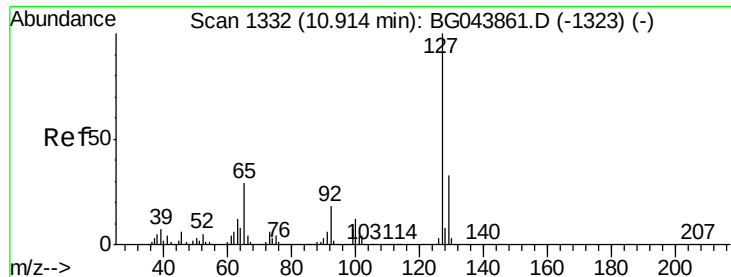
Tgt Ion:122 Resp: 186128

Ion	Ratio	Lower	Upper
122	100		
105	119.3	106.4	146.4
77	90.8	74.6	114.6



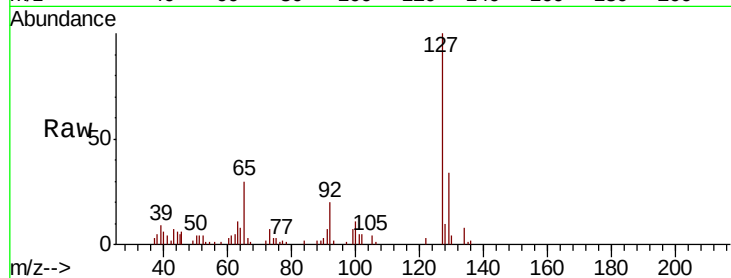
Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGO



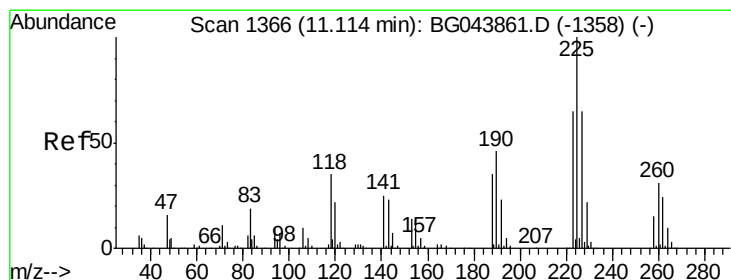
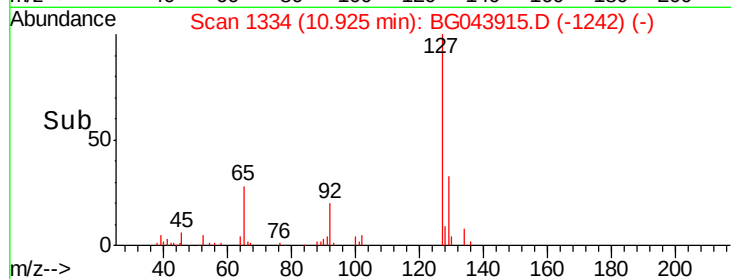
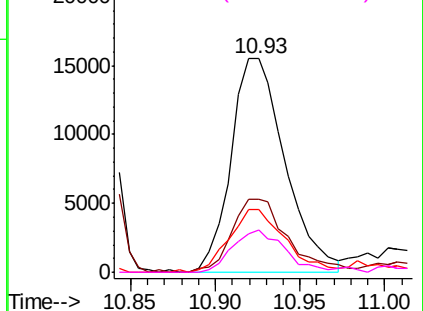


#33
4-Chloroaniline
Concen: 2.660 ng
RT: 10.93 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Tot Ion:	127	Resp:	34415
Ion	Ratio	Lower	Upper
127	100		
129	34.0	26.6	40.0
65	29.6	23.3	34.9
92	20.0	14.7	22.1

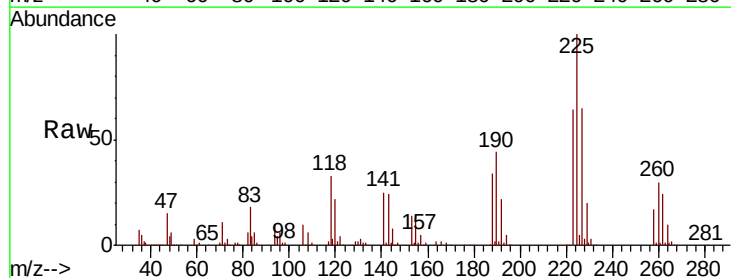


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

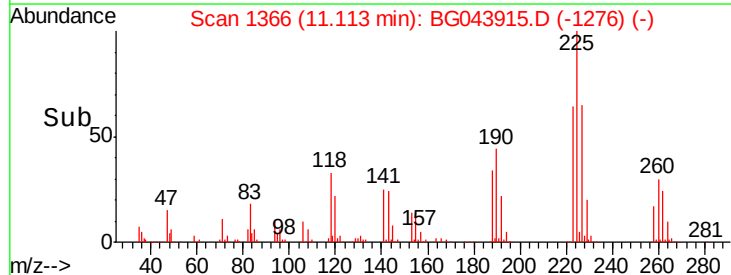
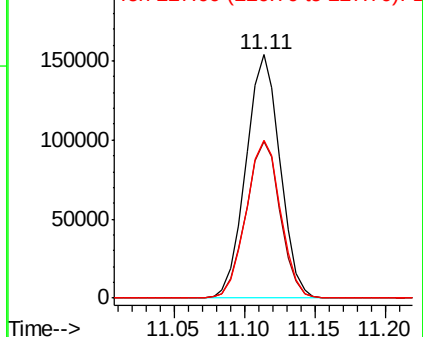


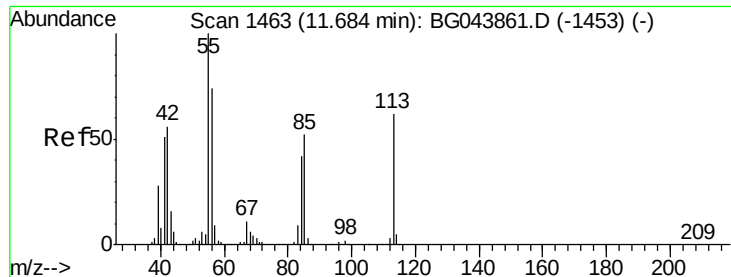
#34
Hexachlorobutadiene
Concen: 43.232 ng
RT: 11.11 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Tgt Ion:	225	Resp:	260954
Ion	Ratio	Lower	Upper
225	100		
223	64.4	52.2	78.4
227	64.9	52.1	78.1



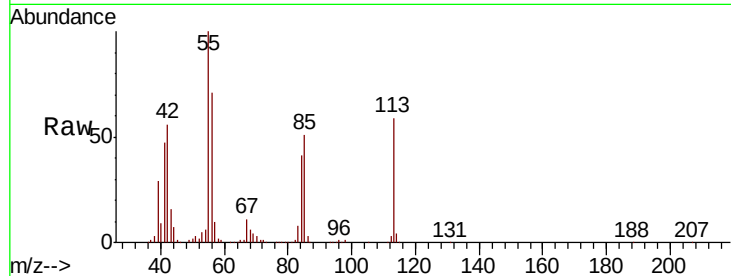
Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E



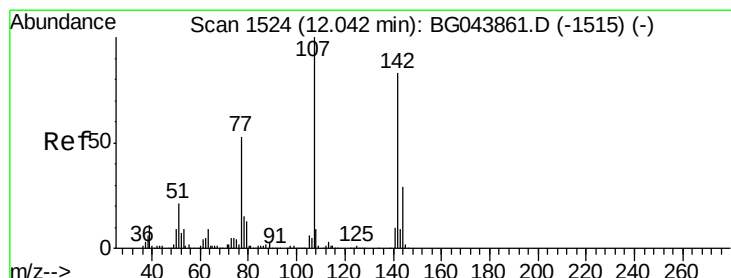
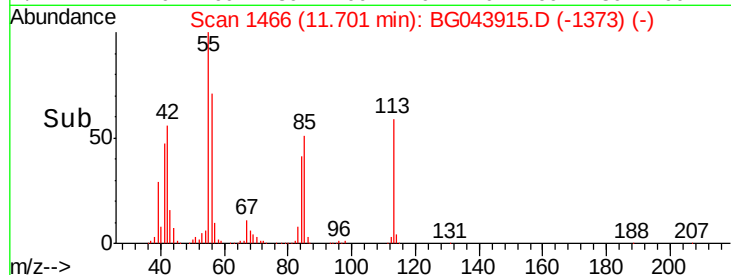
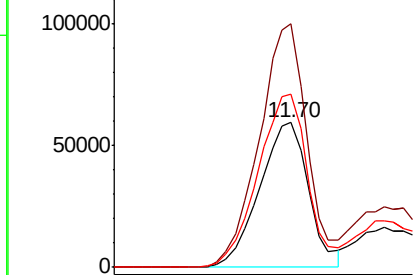


#35
Caprolactam
Concen: 38.884 ng
RT: 11.70 min Scan# 1466
Delta R.T. 0.02 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Tot Ion:113 Resp: 127631
Ion Ratio Lower Upper
113 100
55 168.2 142.5 182.5
56 120.1 101.4 141.4

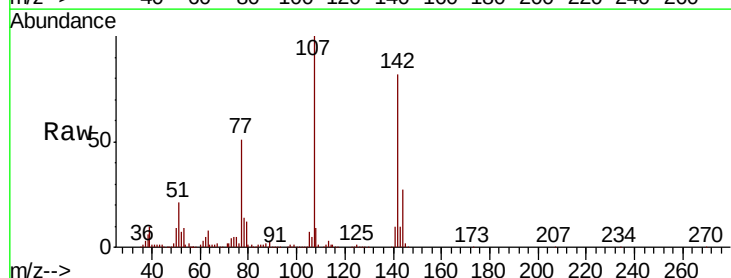


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BG
Ion 56.00 (55.70 to 56.70): BG

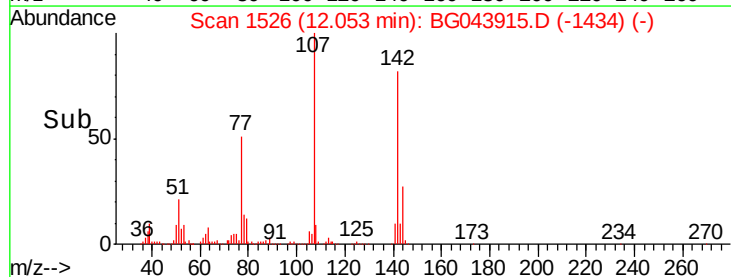
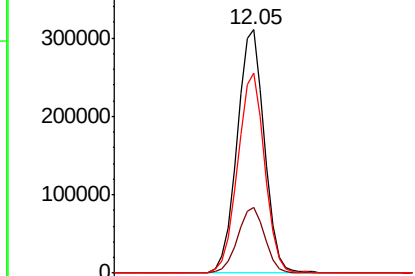


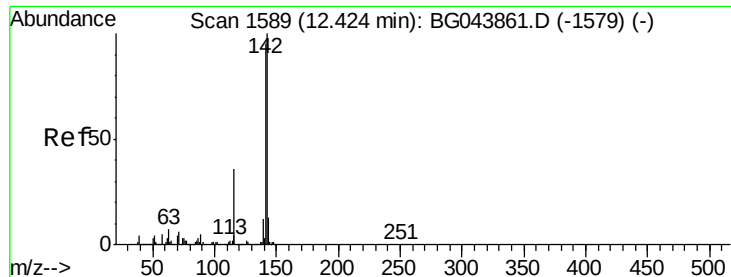
#36
4-Chloro-3-methylphenol
Concen: 57.300 ng
RT: 12.05 min Scan# 1526
Delta R.T. 0.01 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Tgt Ion:107 Resp: 537838
Ion Ratio Lower Upper
107 100
144 26.9 23.4 35.2
142 82.3 66.3 99.5



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

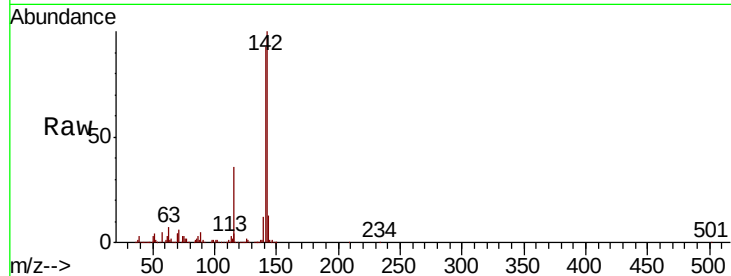




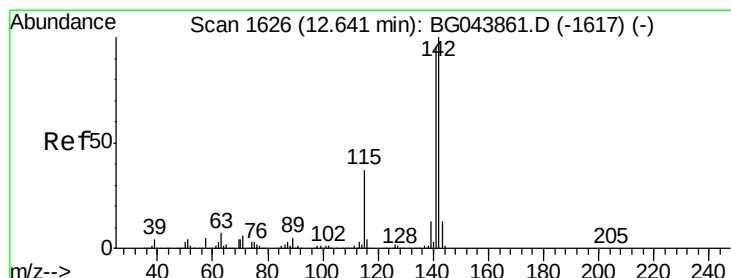
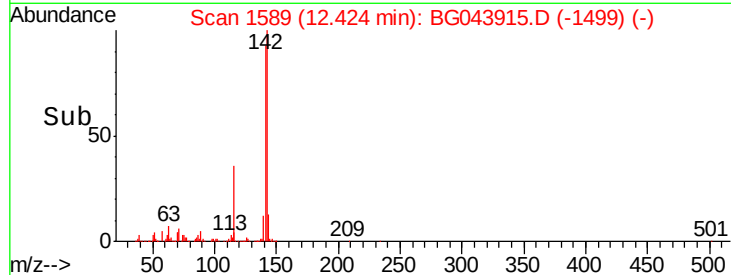
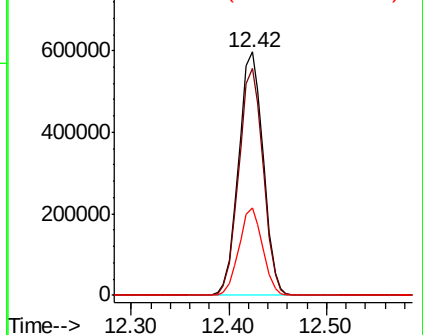
#37
2-Methylnaphthalene
Concen: 50.812 ng
RT: 12.42 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Tot Ion:142 Resp: 1037801

Ion	Ratio	Lower	Upper
142	100		
141	93.0	75.8	113.8
115	35.9	28.6	42.8



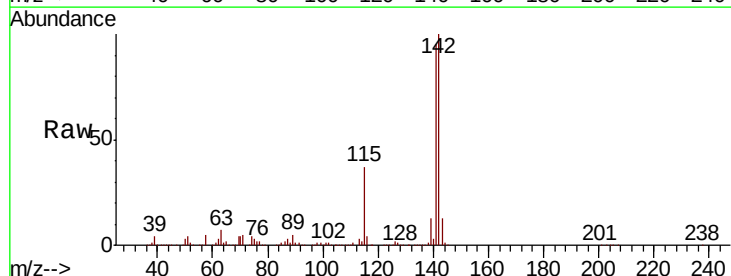
Abundance Ion 142.00 (141.70 to 142.70): E
800000 Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



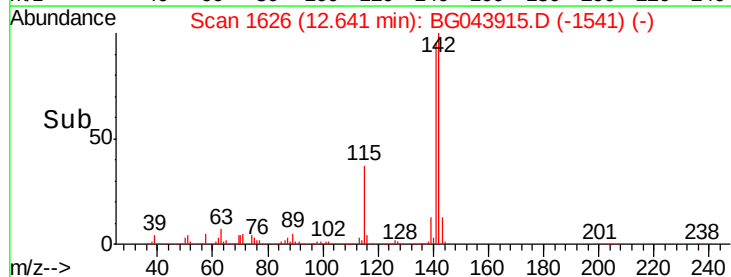
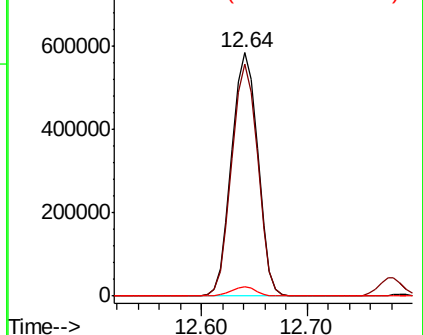
#38
1-Methylnaphthalene
Concen: 51.740 ng
RT: 12.64 min Scan# 1626
Delta R.T. -0.00 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

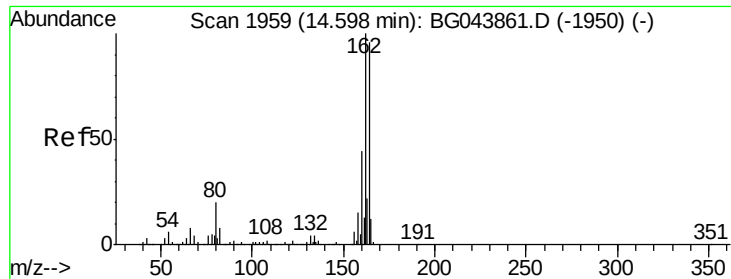
Tgt Ion:142 Resp: 1001549

Ion	Ratio	Lower	Upper
142	100		
141	95.4	76.0	114.0
116	4.1	3.1	4.7



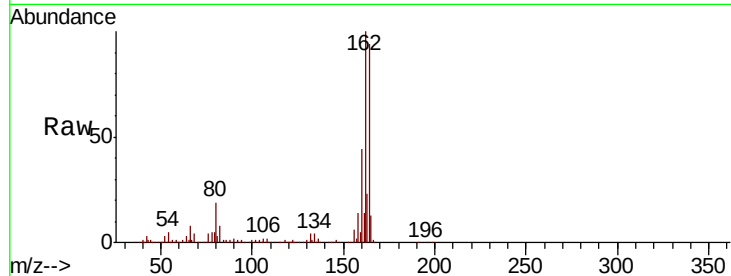
Abundance Ion 142.00 (141.70 to 142.70): E
800000 Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.60 min Scan# 1959
Delta R.T. -0.00 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Tot Ion	Ratio	Lower	Upper
164	100		
162	106.4	83.0	124.4
160	46.8	36.1	54.1

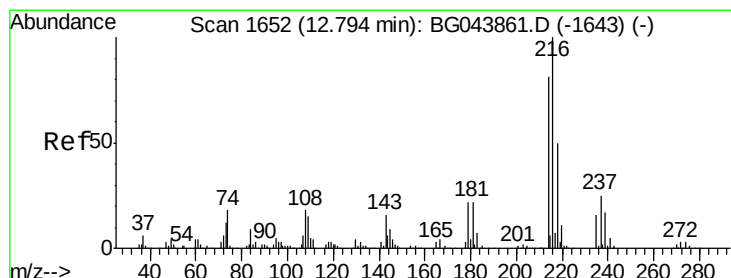
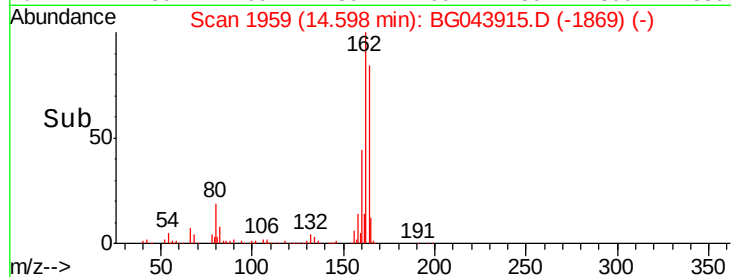
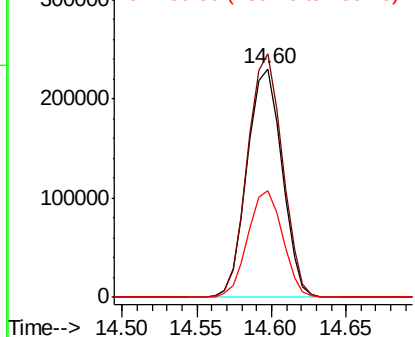


Abundance

Ion 164.00 (163.70 to 164.70): E

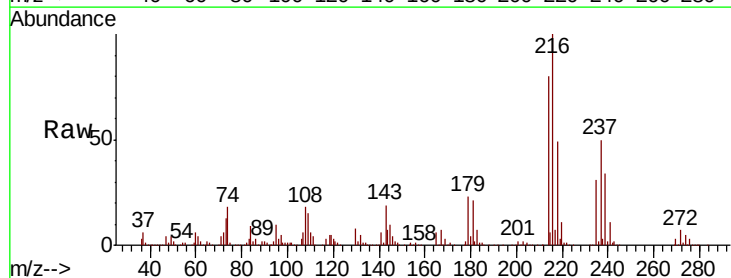
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.157 ng
RT: 12.79 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.8	95.8
179	21.8	17.3	25.9
108	20.7	15.3	22.9



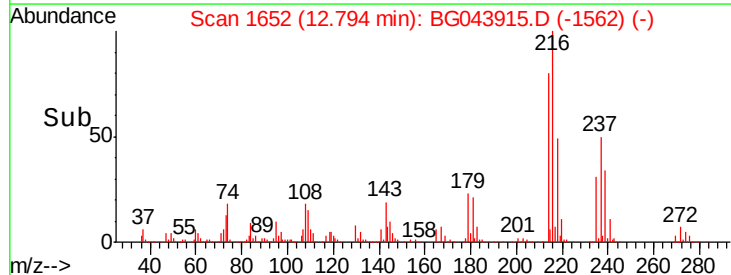
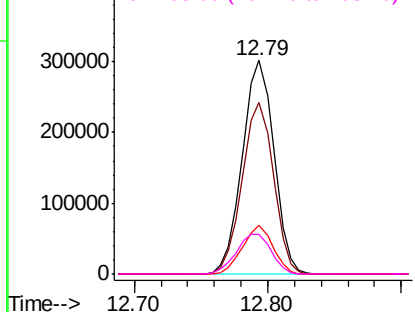
Abundance

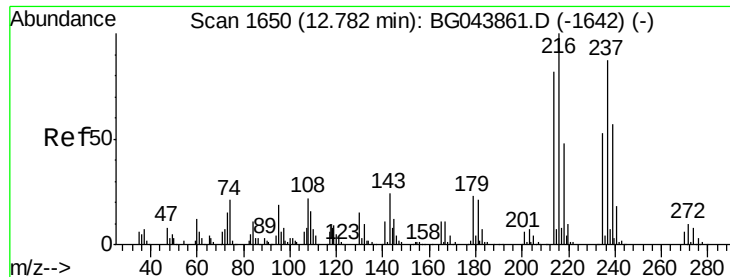
Ion 216.00 (215.70 to 216.70): E

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: 99.738 ng

RT: 12.78 min Scan# 1650

Delta R.T. -0.00 min

Lab File: BG043915.D

Acq: 4 Jan 2020 10:17

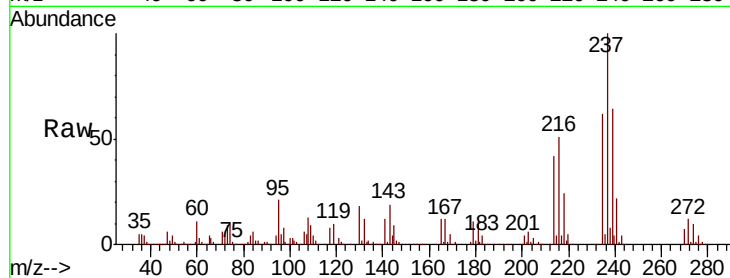
Tot Ion:237 Resp: 565185

Ion Ratio Lower Upper

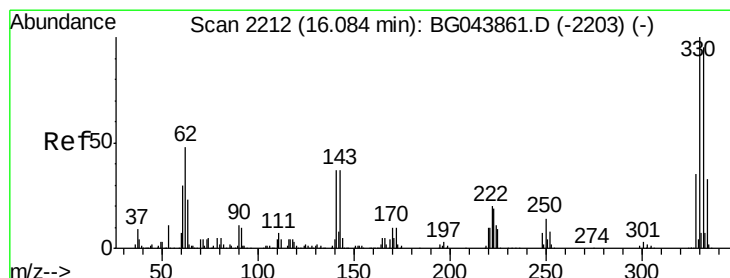
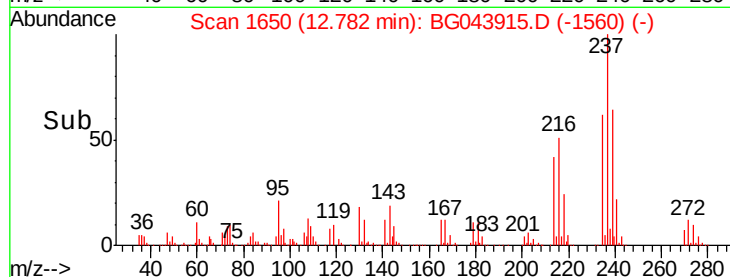
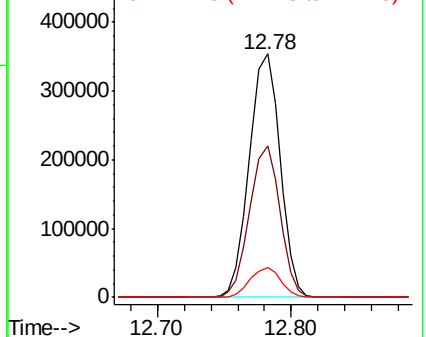
237 100

235 62.4 41.1 81.1

272 12.4 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: 147.698 ng

RT: 16.08 min Scan# 2212

Delta R.T. -0.00 min

Lab File: BG043915.D

Acq: 4 Jan 2020 10:17

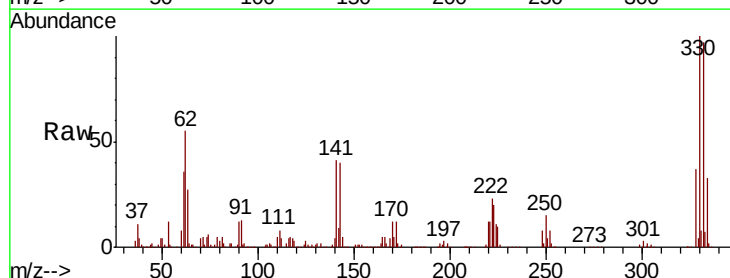
Tgt Ion:330 Resp: 576398

Ion Ratio Lower Upper

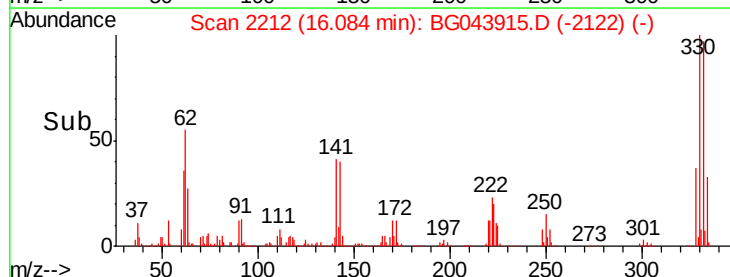
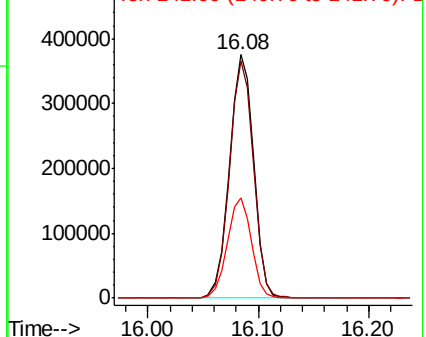
330 100

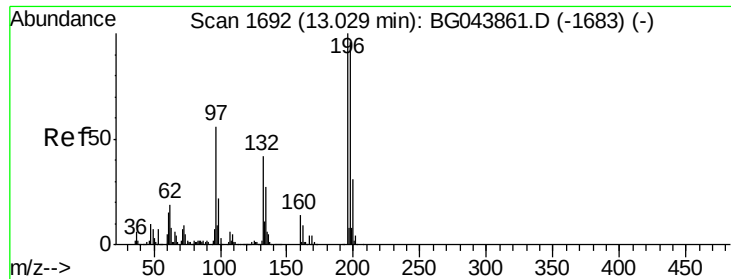
332 96.5 77.2 115.8

141 41.1 33.1 49.7



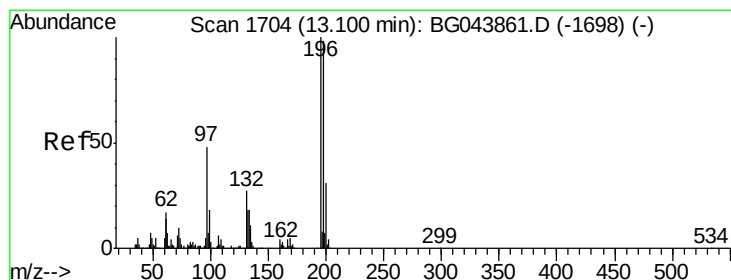
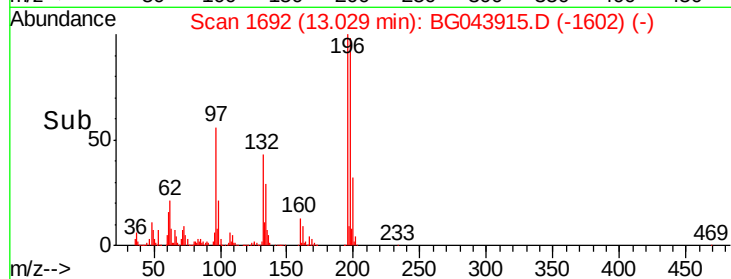
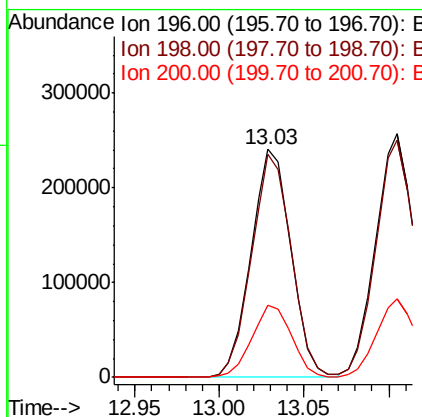
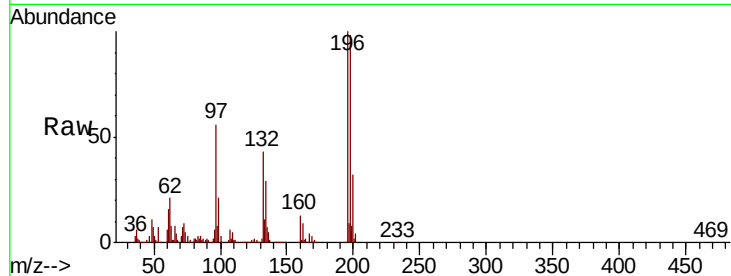
Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





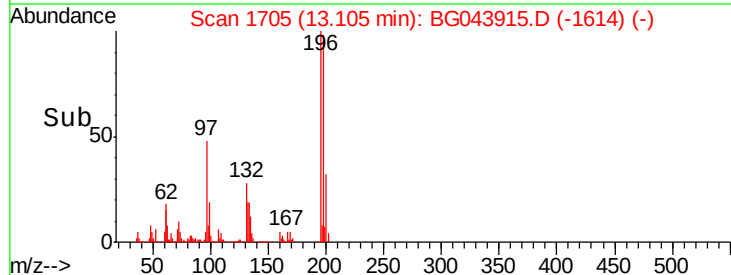
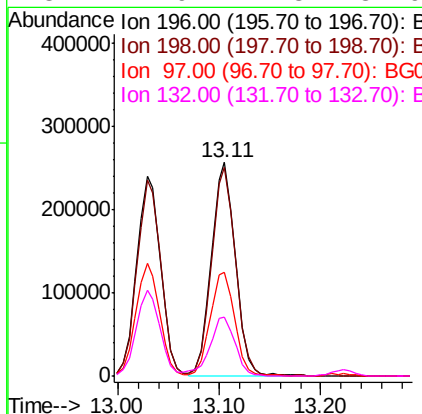
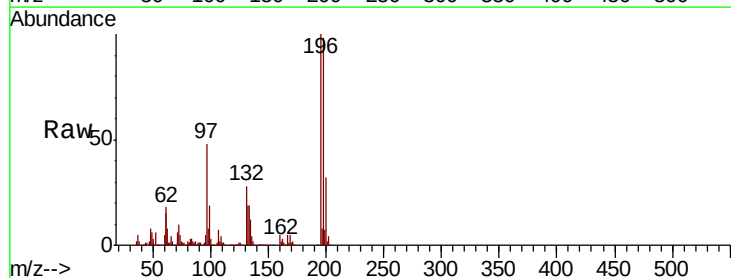
#43
 2,4,6-Trichlorophenol
 Concen: 52.446 ng
 RT: 13.03 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: BG043915.D
 Acq: 4 Jan 2020 10:17

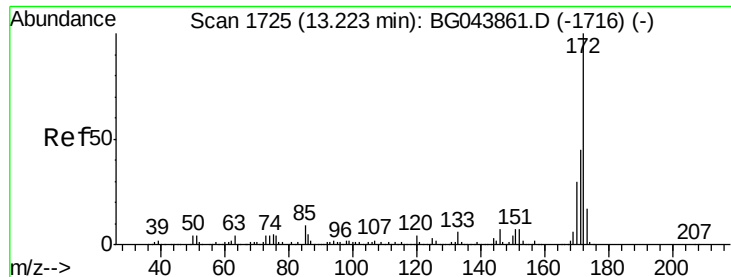
Tot Ion	Ratio	Lower	Upper
196	100		
198	98.0	76.6	115.0
200	31.8	24.6	37.0



#44
 2,4,5-Trichlorophenol
 Concen: 54.376 ng
 RT: 13.11 min Scan# 1705
 Delta R.T. 0.01 min
 Lab File: BG043915.D
 Acq: 4 Jan 2020 10:17

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.5	78.3	117.5
97	48.4	38.8	58.2
132	27.9	21.3	31.9

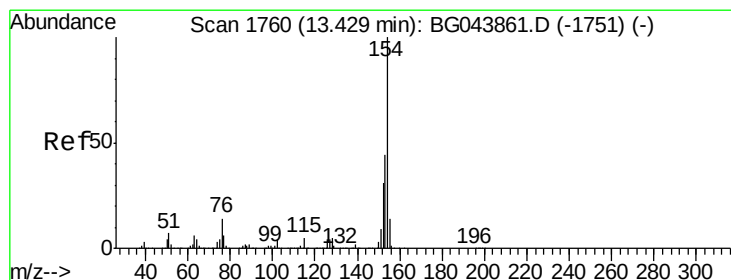
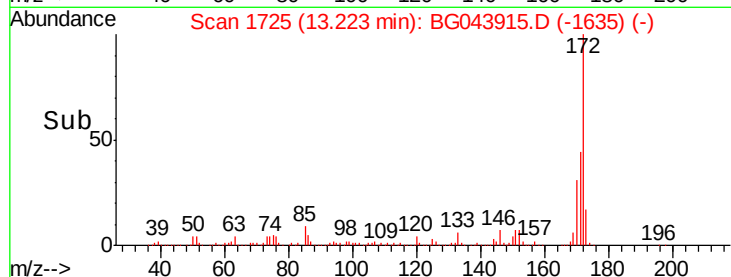
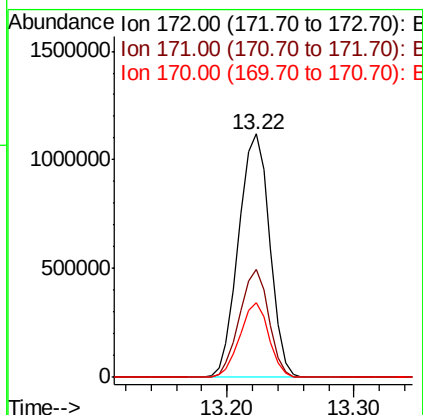
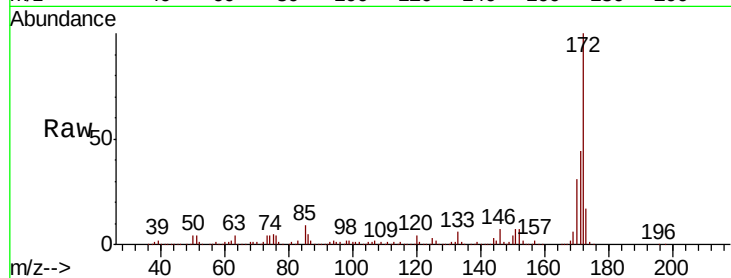




#45
2-Fluorobiphenyl
Concen: 92.512 ng
RT: 13.22 min Scan# 1725
Delta R.T. -0.00 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Tot Ion:172 Resp: 1904196

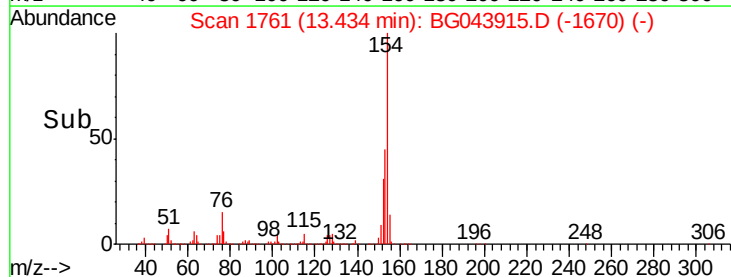
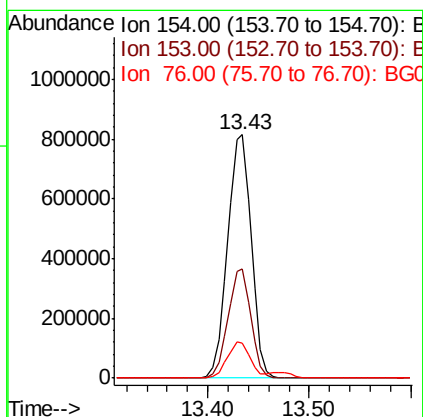
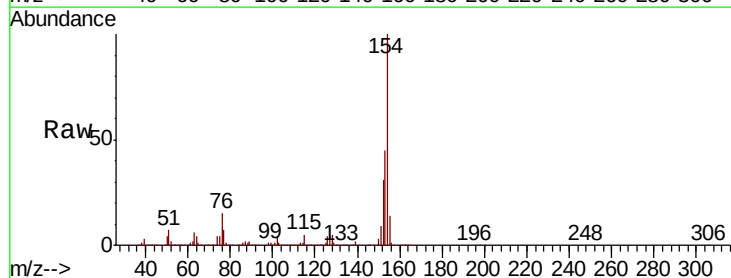
Ion	Ratio	Lower	Upper
172	100		
171	44.4	35.8	53.8
170	30.9	24.2	36.4

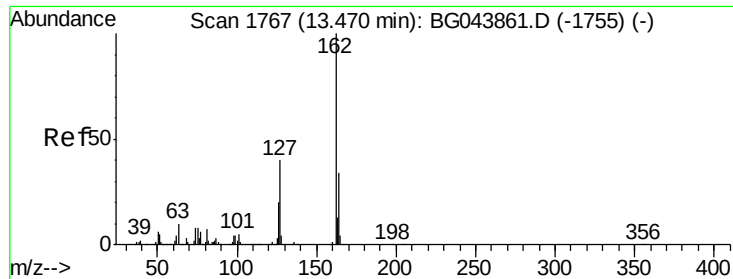


#46
1,1'-Biphenyl
Concen: 49.092 ng
RT: 13.43 min Scan# 1761
Delta R.T. 0.01 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Tgt Ion:154 Resp: 1312599

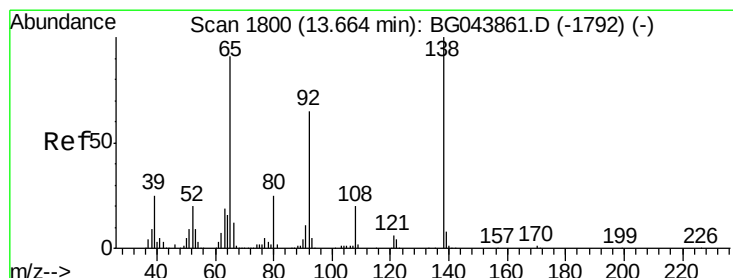
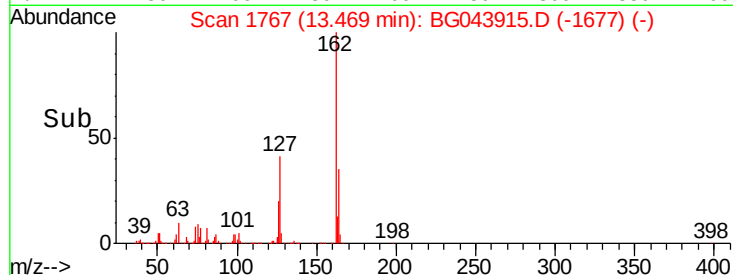
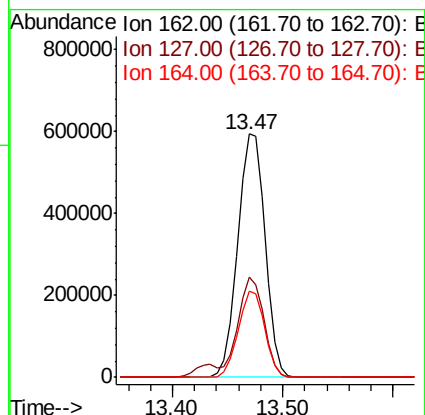
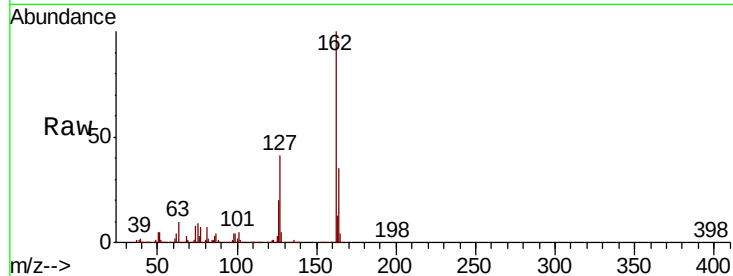
Ion	Ratio	Lower	Upper
154	100		
153	44.7	23.6	63.6
76	14.6	0.0	34.4





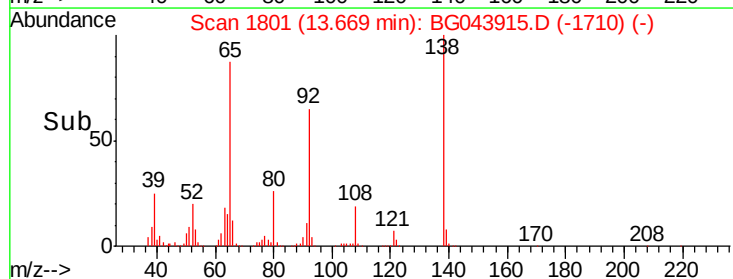
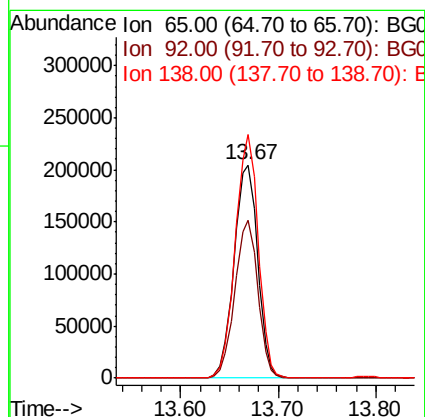
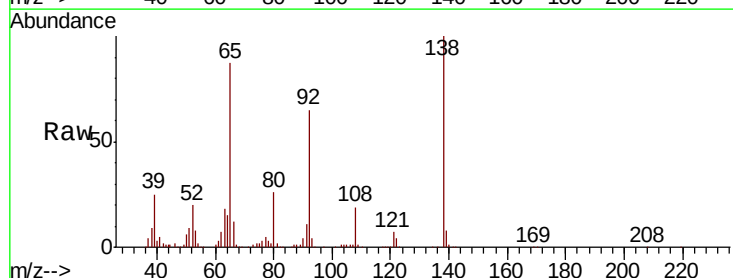
#47
2-Chloronaphthalene
Concen: 47.902 ng
RT: 13.47 min Scan# 1767
Delta R.T. -0.00 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

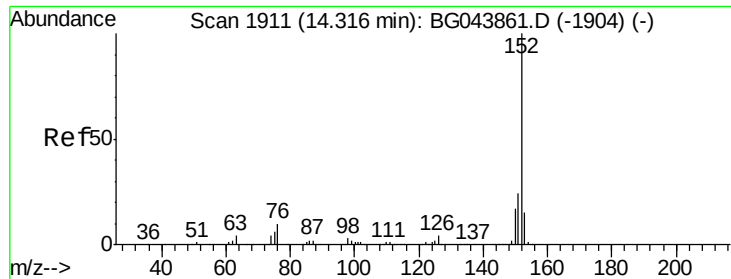
Tot Ion:162 Resp: 1034951
Ion Ratio Lower Upper
162 100
127 41.0 32.1 48.1
164 35.4 27.5 41.3



#48
2-Nitroaniline
Concen: 49.549 ng
RT: 13.67 min Scan# 1801
Delta R.T. 0.01 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Tgt Ion: 65 Resp: 344368
Ion Ratio Lower Upper
65 100
92 74.3 57.4 86.2
138 114.4 88.2 132.4





#49

Acenaphthylene

Concen: 51.849 ng

RT: 14.32 min Scan# 1911

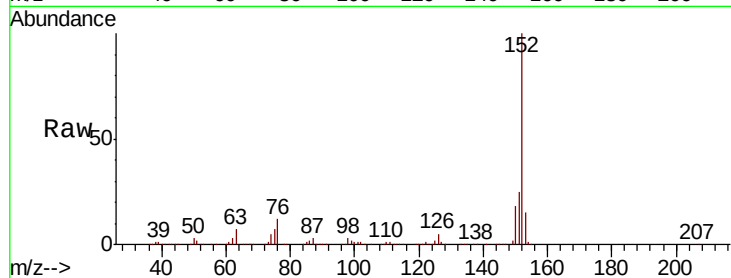
Delta R.T. -0.00 min

Lab File: BG043915.D

Acq: 4 Jan 2020 10:17

Tot Ion:152 Resp: 1610126

Ion	Ratio	Lower	Upper
152	100		
151	24.8	19.4	29.2
153	15.3	12.0	18.0

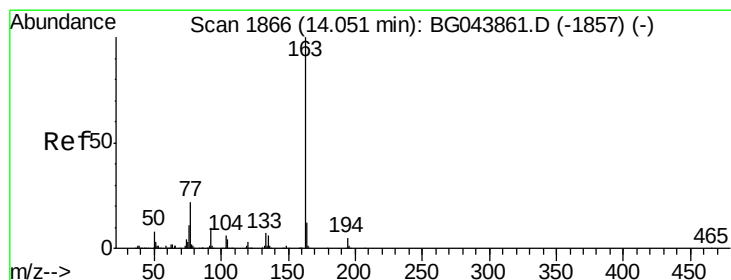
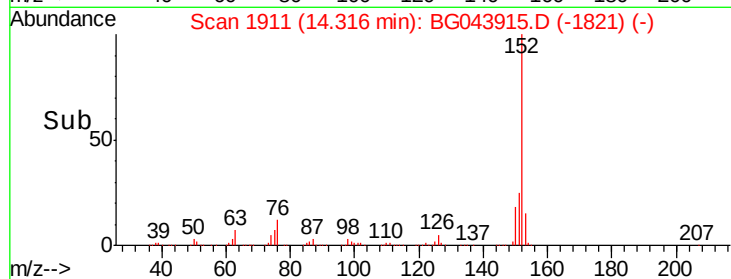
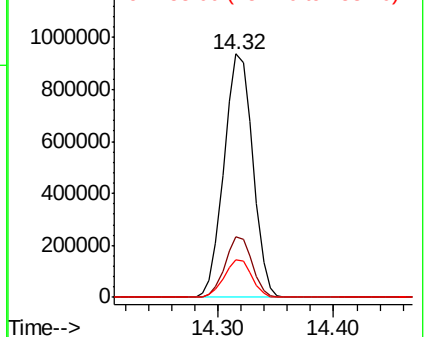


Abundance

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: 50.953 ng

RT: 14.05 min Scan# 1866

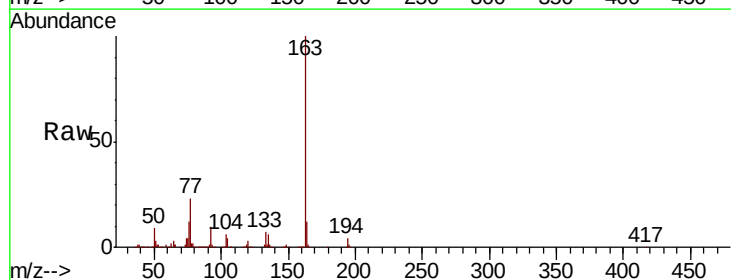
Delta R.T. -0.00 min

Lab File: BG043915.D

Acq: 4 Jan 2020 10:17

Tgt Ion:163 Resp: 1349183

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.7	5.5
164	12.1	9.3	13.9

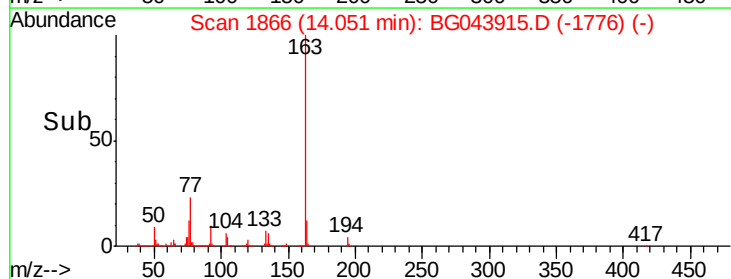
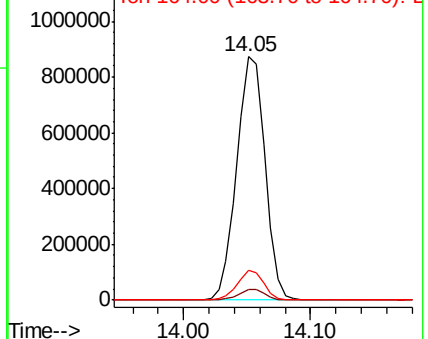


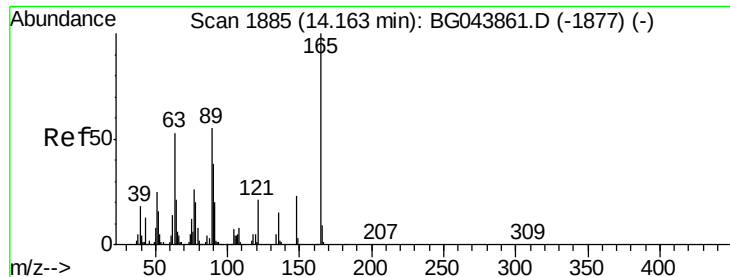
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

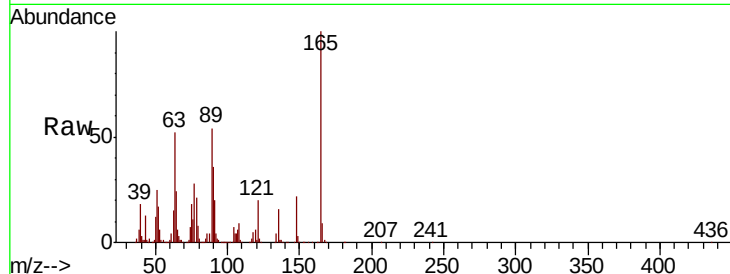
Ion 164.00 (163.70 to 164.70): E





#51
 2,6-Dinitrotoluene
 Concen: 53.574 ng
 RT: 14.16 min Scan# 1885
 Delta R.T. -0.00 min
 Lab File: BG043915.D
 Acq: 4 Jan 2020 10:17

Tot Ion	Ratio	Lower	Upper
165	100		
63	52.1	43.1	64.7
89	54.4	43.8	65.6

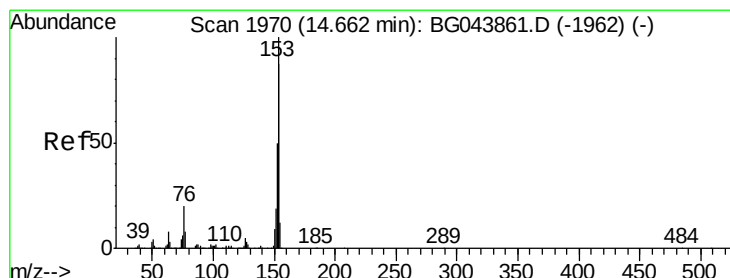
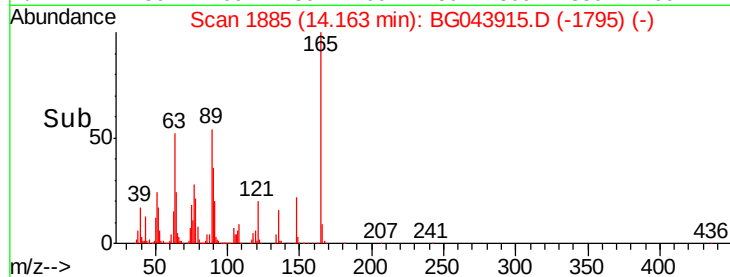
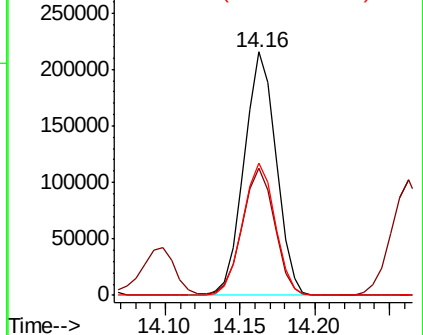


Abundance

Ion 165.00 (164.70 to 165.70): E

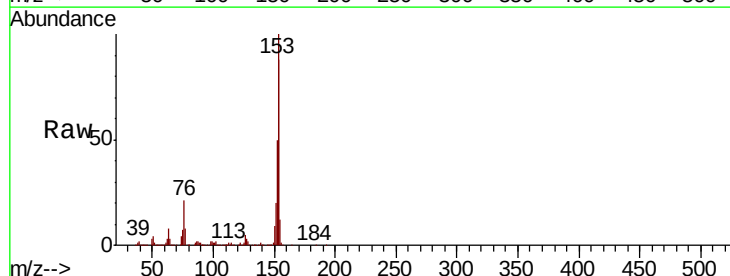
Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52
 Acenaphthene
 Concen: 53.247 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.00 min
 Lab File: BG043915.D
 Acq: 4 Jan 2020 10:17

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.7	91.6	137.4
152	56.7	45.4	68.0

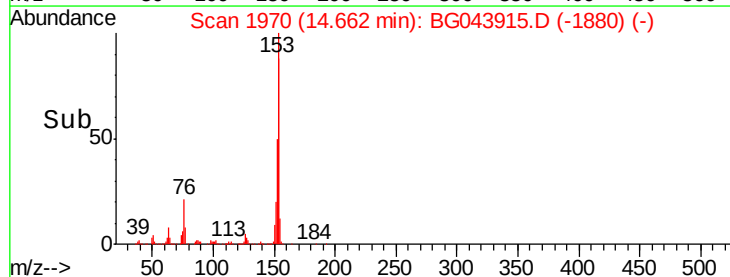
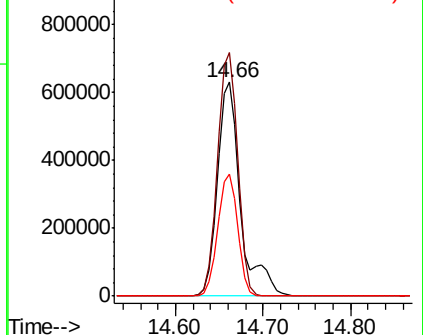


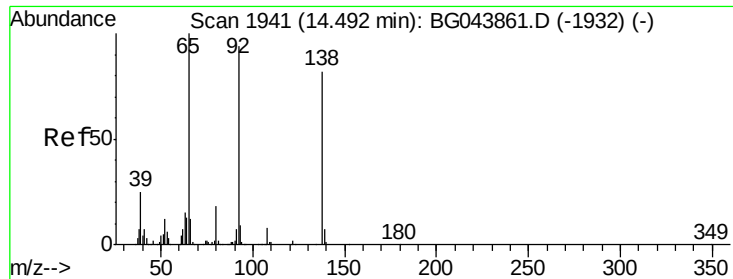
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

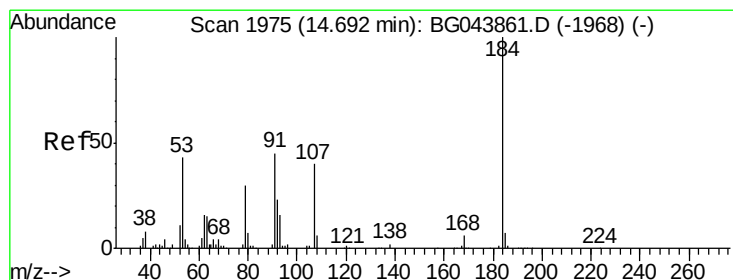
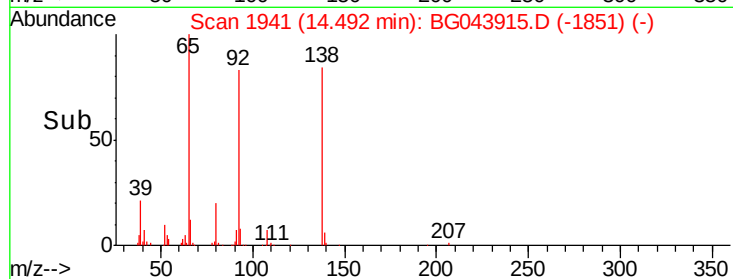
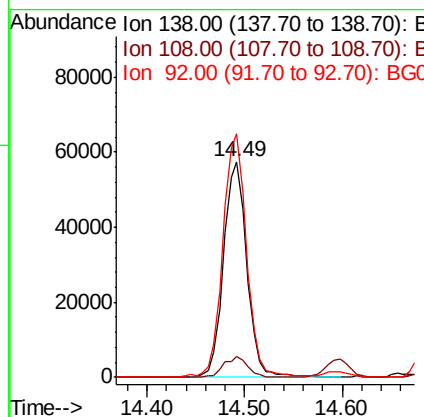
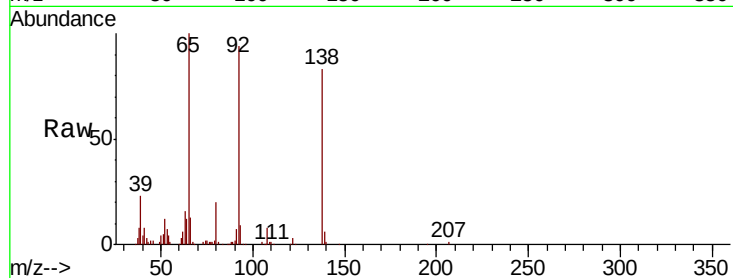
Ion 152.00 (151.70 to 152.70): E





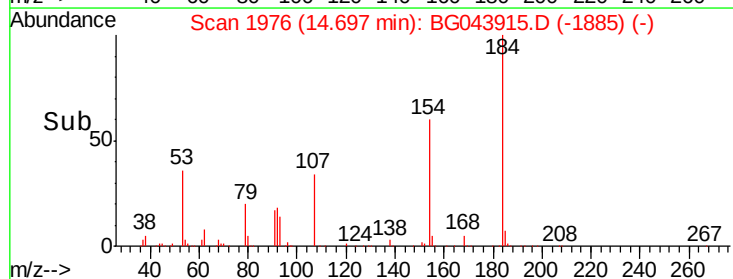
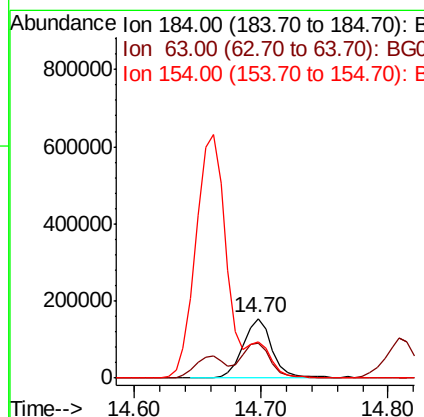
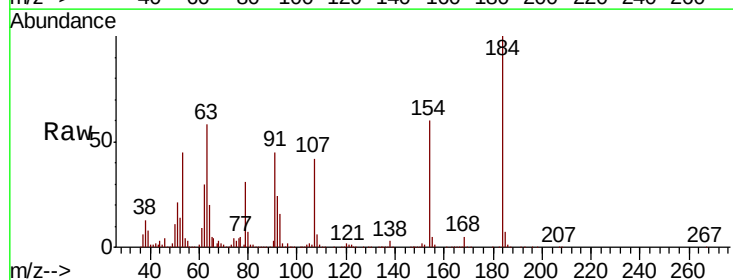
#53
3-Nitroaniline
Concen: 14.010 ng
RT: 14.49 min Scan# 1941
Delta R.T. -0.00 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

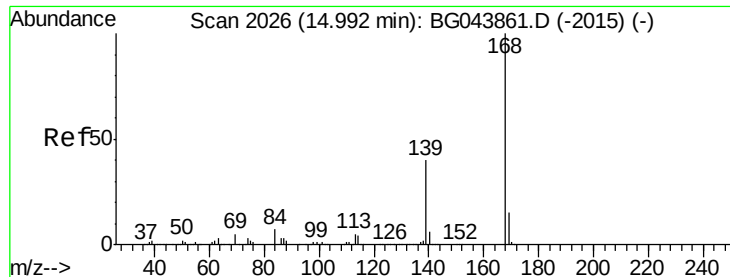
Tot Ion:138 Resp: 95213
Ion Ratio Lower Upper
138 100
108 9.7 7.4 11.2
92 112.7 92.1 138.1



#54
2,4-Dinitrophenol
Concen: 80.170 ng
RT: 14.70 min Scan# 1976
Delta R.T. 0.01 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Tgt Ion:184 Resp: 244476
Ion Ratio Lower Upper
184 100
63 58.3 46.6 70.0
154 60.5 50.2 75.4

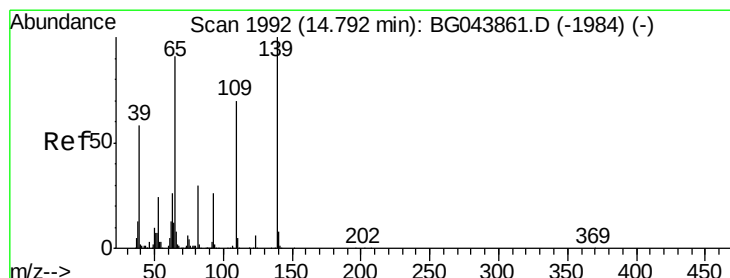
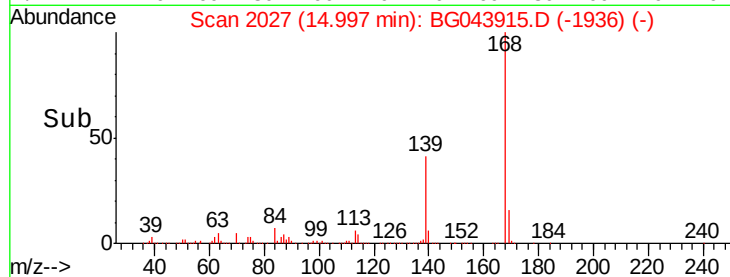
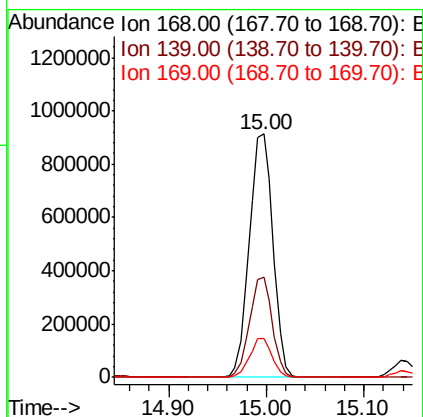
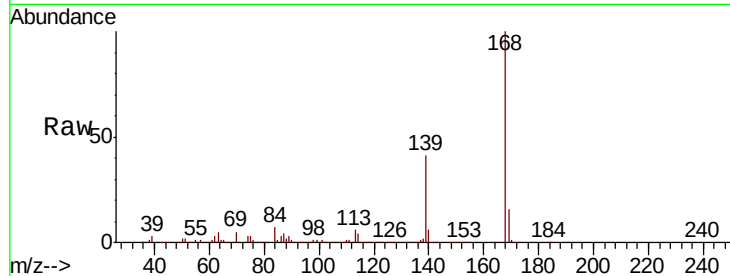




#55
Dibenzofuran
Concen: 51.936 ng
RT: 15.00 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Tot Ion:168 Resp: 1557023

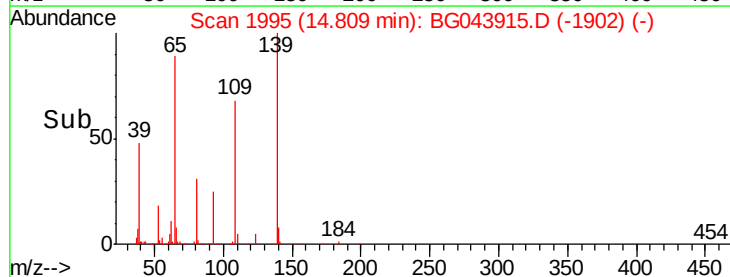
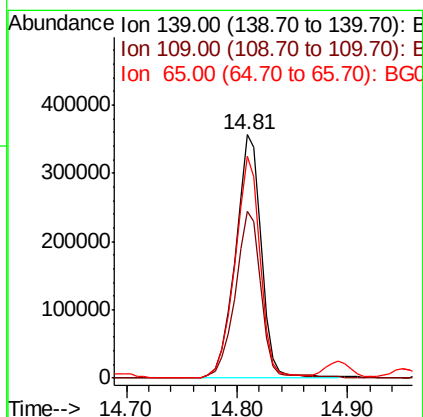
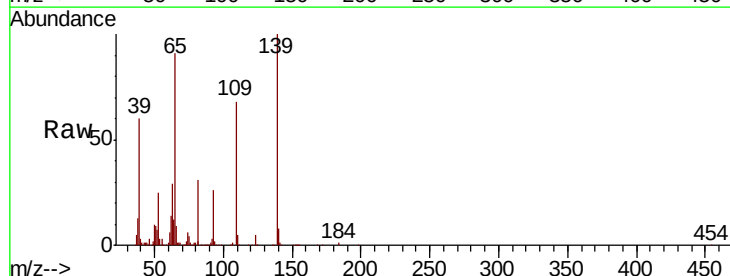
Ion	Ratio	Lower	Upper
168	100		
139	41.4	32.2	48.2
169	16.0	12.2	18.2

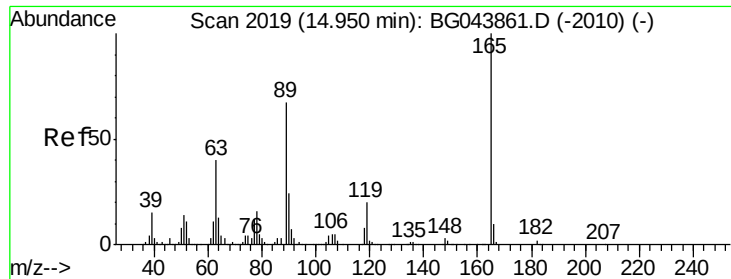


#56
4-Nitrophenol
Concen: 112.574 ng
RT: 14.81 min Scan# 1995
Delta R.T. 0.02 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Tgt Ion:139 Resp: 586291

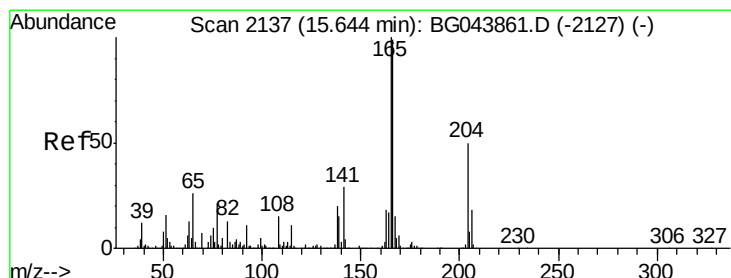
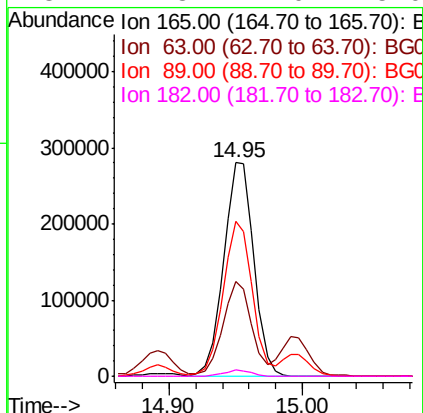
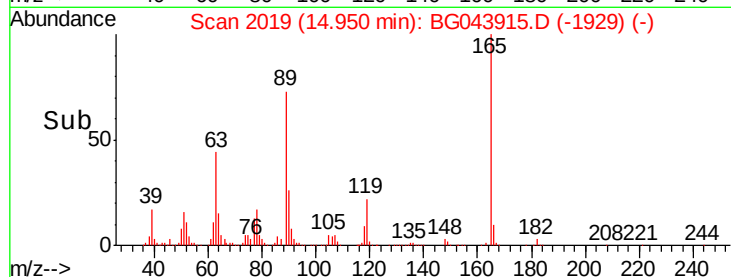
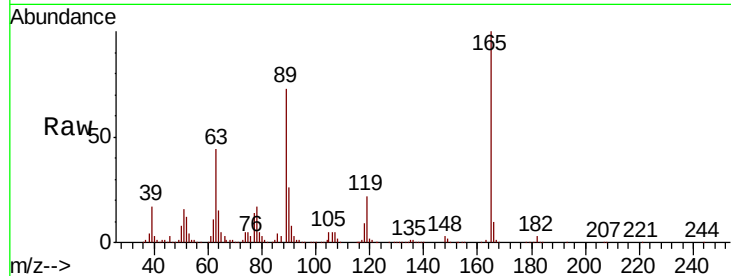
Ion	Ratio	Lower	Upper
139	100		
109	68.4	50.4	90.4
65	91.0	71.4	111.4





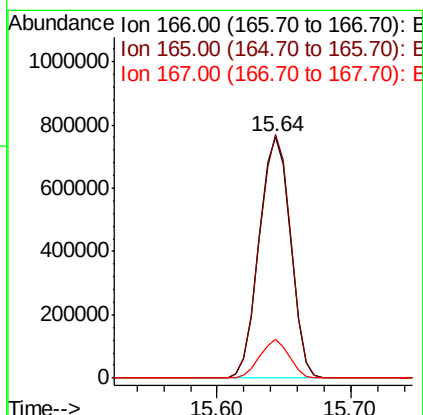
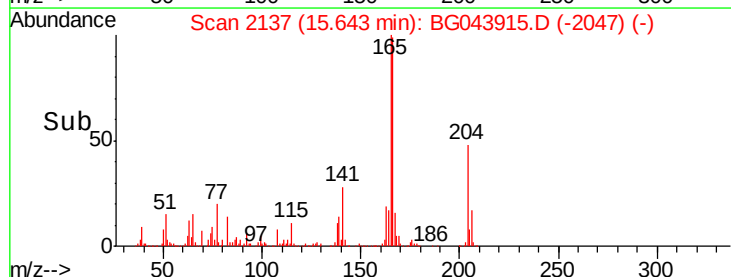
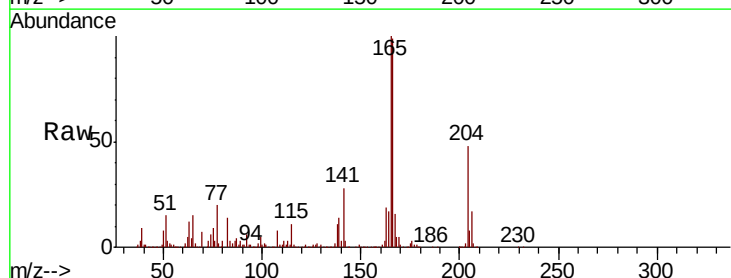
#57
 2,4-Dinitrotoluene
 Concen: 54.428 ng
 RT: 14.95 min Scan# 2019
 Delta R.T. -0.00 min
 Lab File: BG043915.D
 Acq: 4 Jan 2020 10:17

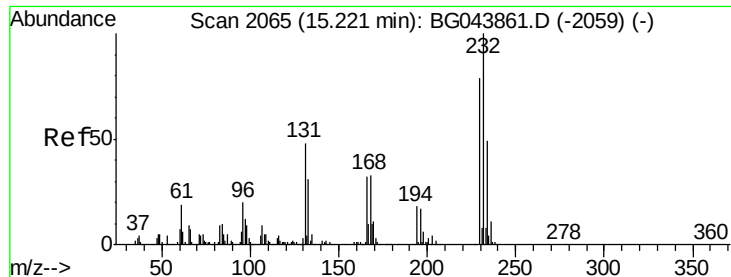
Tot Ion:	165	Resp:	443240
Ion	Ratio	Lower	Upper
165	100		
63	44.4	31.9	47.9
89	72.6	53.8	80.6
182	2.8	2.0	3.0



#58
 Fluorene
 Concen: 52.074 ng
 RT: 15.64 min Scan# 2137
 Delta R.T. -0.00 min
 Lab File: BG043915.D
 Acq: 4 Jan 2020 10:17

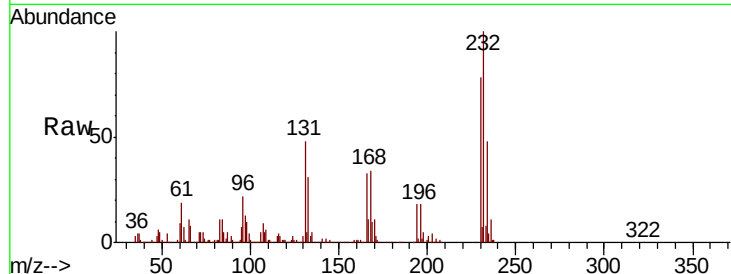
Tgt Ion:	166	Resp:	1237379
Ion	Ratio	Lower	Upper
166	100		
165	100.9	80.8	121.2
167	15.9	12.1	18.1



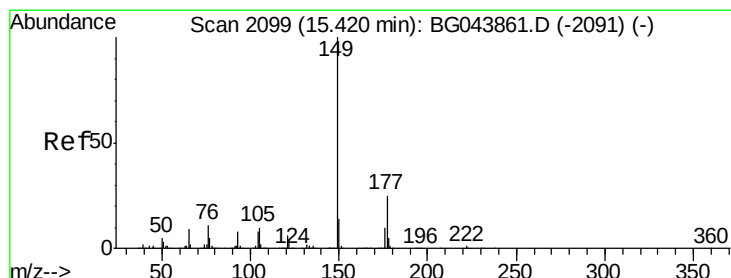
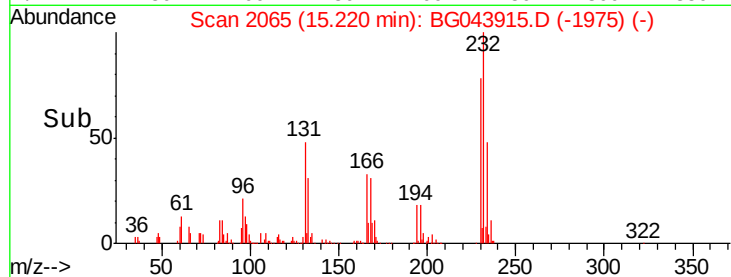
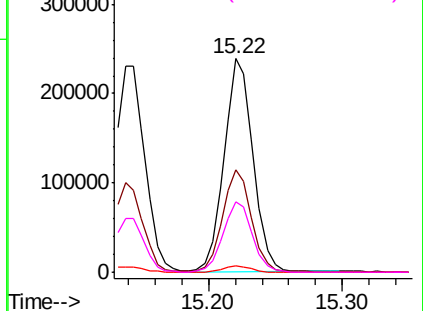


#59
 2,3,4,6-Tetrachlorophenol
 Concen: 54.258 ng
 RT: 15.22 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: BG043915.D
 Acq: 4 Jan 2020 10:17

Tot Ion:	232	Resp:	361904
Ion	Ratio	Lower	Upper
232	100		
131	48.0	38.2	57.2
130	2.9	2.2	3.2
166	33.0	26.4	39.6

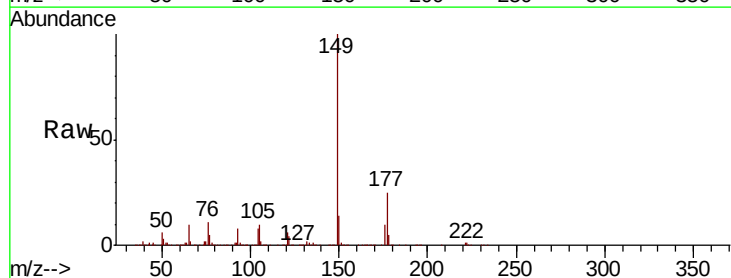


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

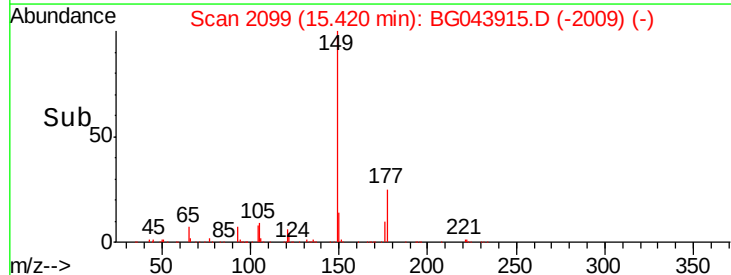
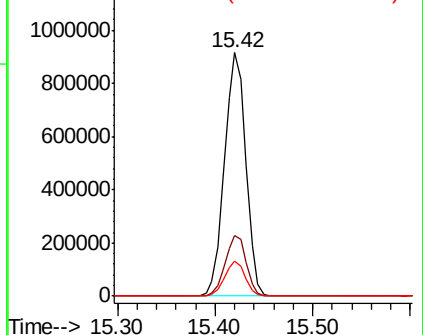


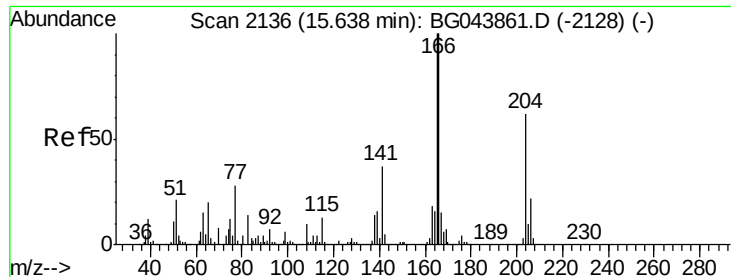
#60
 Diethylphthalate
 Concen: 52.120 ng
 RT: 15.42 min Scan# 2099
 Delta R.T. -0.00 min
 Lab File: BG043915.D
 Acq: 4 Jan 2020 10:17

Tgt Ion:	149	Resp:	1380343
Ion	Ratio	Lower	Upper
149	100		
177	25.1	20.0	30.0
150	14.1	11.1	16.7



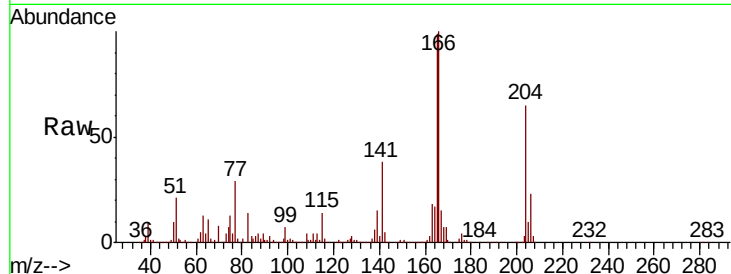
Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E



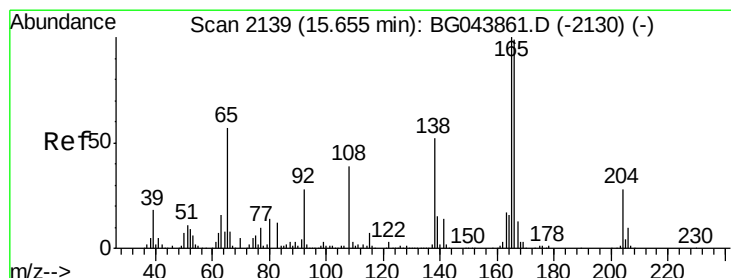
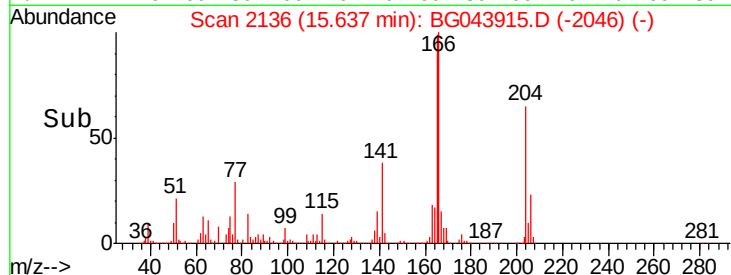
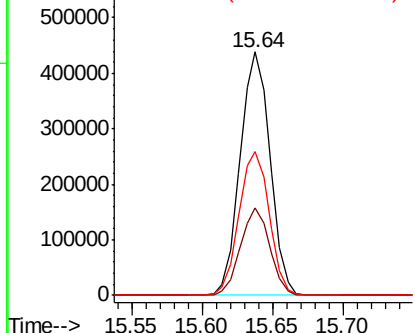


#61
4-Chlorophenyl-phenylether
Concen: 50.328 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Tot Ion:204 Resp: 649368
Ion Ratio Lower Upper
204 100
206 35.8 28.2 42.2
141 59.0 48.2 72.2

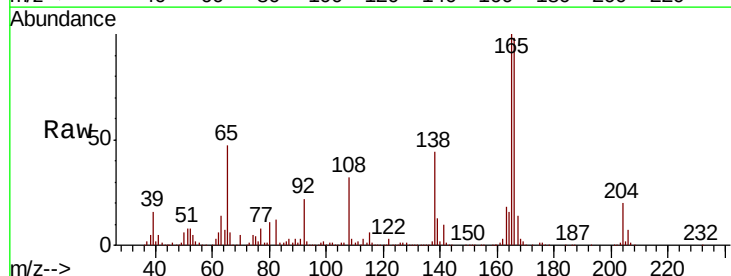


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

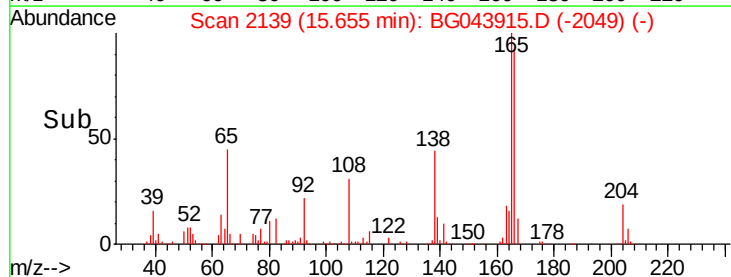
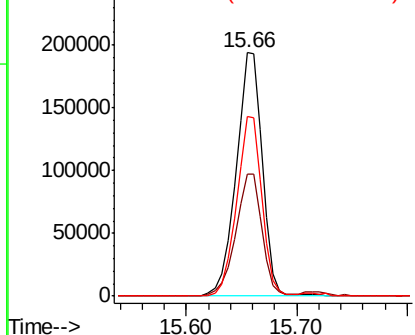


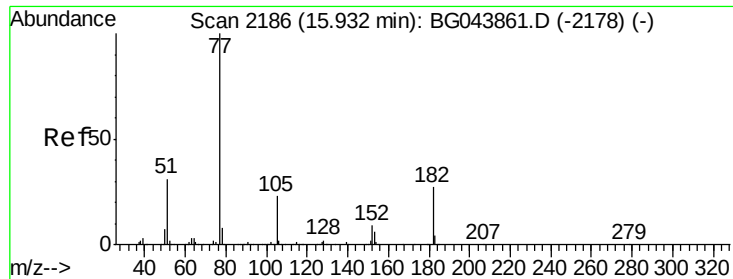
#62
4-Nitroaniline
Concen: 47.974 ng
RT: 15.66 min Scan# 2139
Delta R.T. -0.00 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Tgt Ion:138 Resp: 321976
Ion Ratio Lower Upper
138 100
92 49.9 34.3 74.3
108 73.8 55.0 95.0



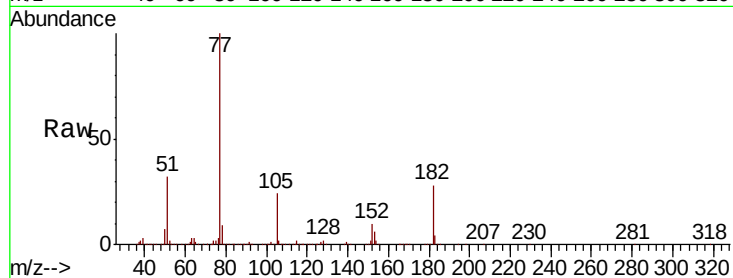
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E



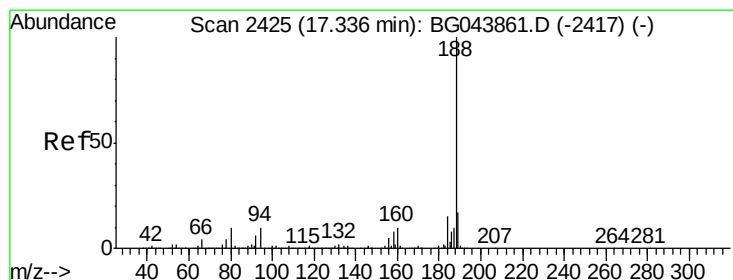
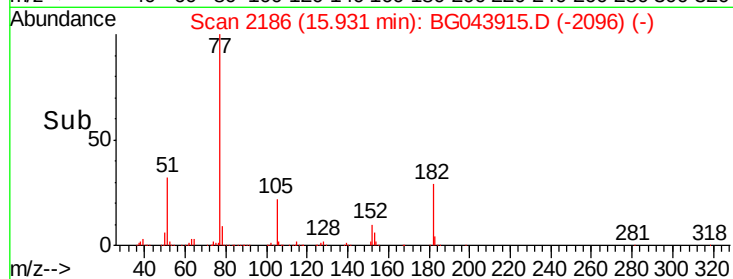
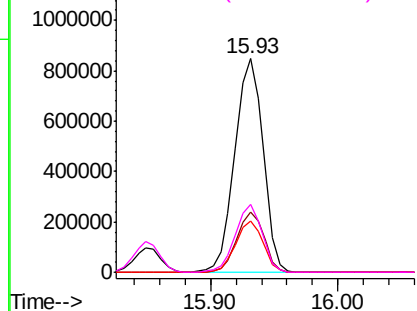


#63
Azobenzene
Concen: 53.154 ng
RT: 15.93 min Scan# 2186
Delta R.T. -0.00 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Tot Ion:	77	Resp:	1305522
Ion	Ratio	Lower	Upper
77	100		
182	28.3	7.3	47.3
105	24.0	3.2	43.2
51	31.9	10.6	50.6

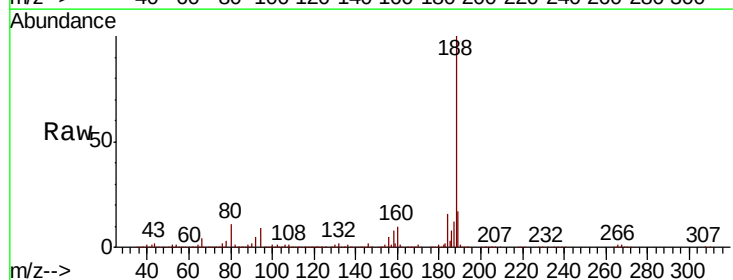


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

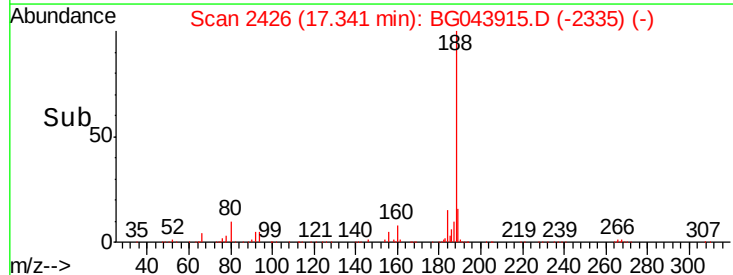
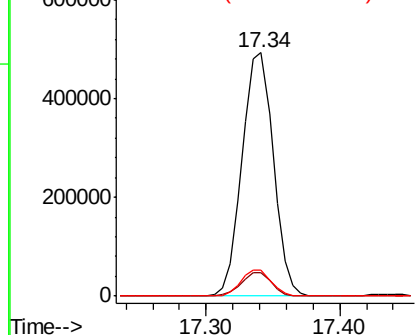


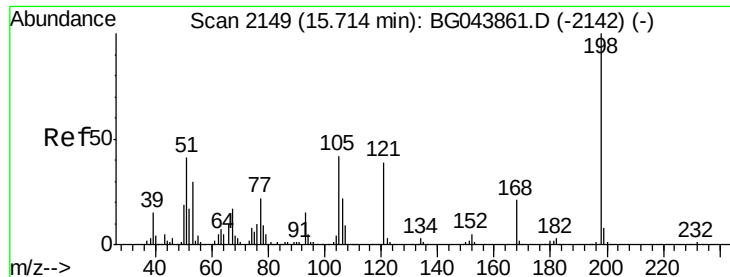
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2426
Delta R.T. 0.01 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Tgt Ion:	188	Resp:	796243
Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.9	11.9
80	10.7	8.2	12.4



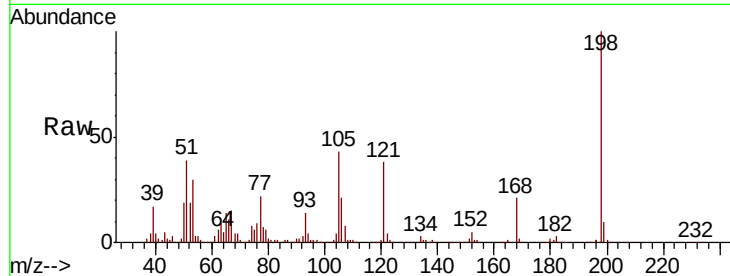
Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC



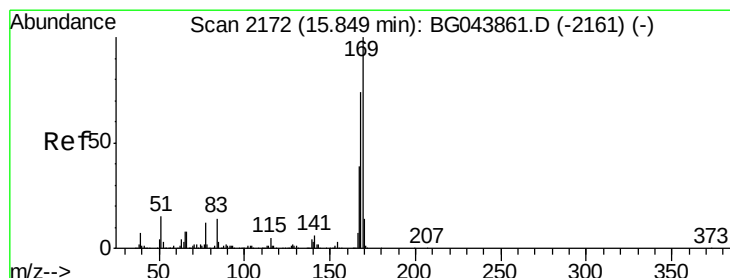
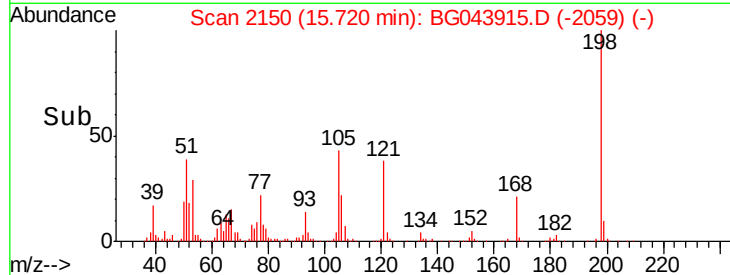
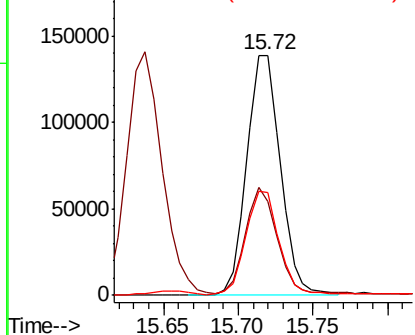


#65
 4,6-Dinitro-2-methylphenol
 Concen: 52.191 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. 0.01 min
 Lab File: BG043915.D
 Acq: 4 Jan 2020 10:17

Tot Ion	Ratio	Lower	Upper
198	100		
51	39.2	22.5	62.5
105	42.9	22.3	62.3

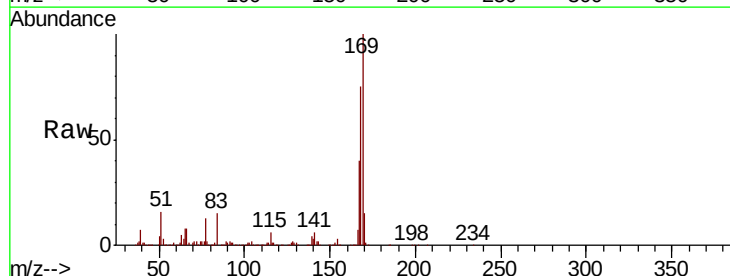


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

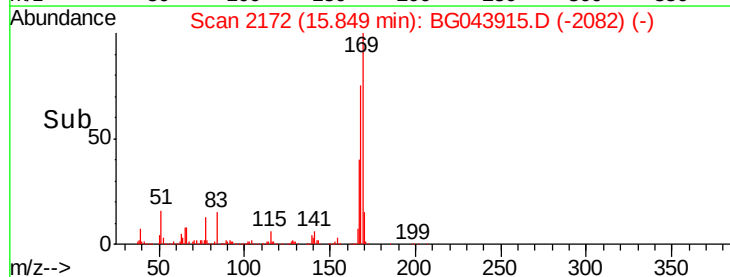
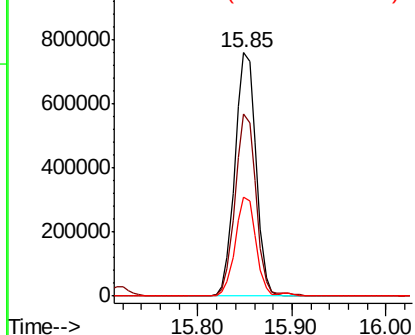


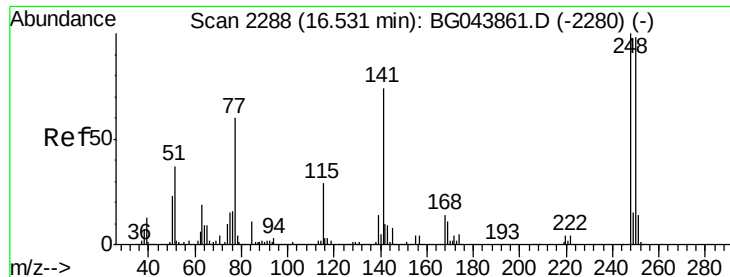
#66
 n-Nitrosodiphenylamine
 Concen: 50.210 ng
 RT: 15.85 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: BG043915.D
 Acq: 4 Jan 2020 10:17

Tgt Ion	Ratio	Lower	Upper
169	100		
168	74.8	59.0	88.6
167	40.5	31.4	47.0



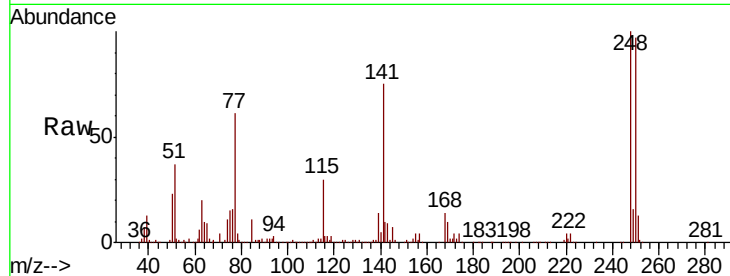
Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E



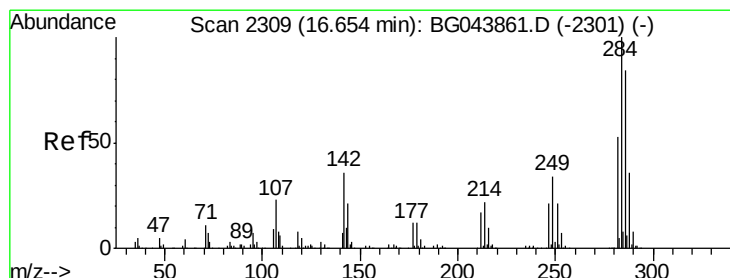
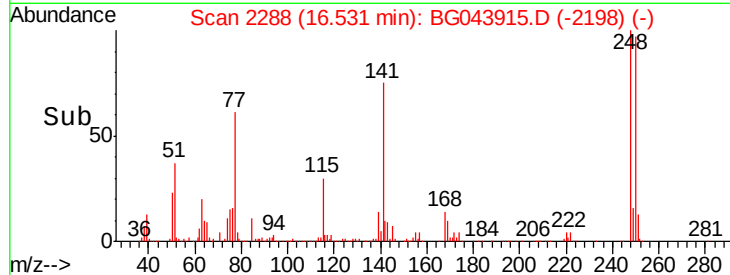
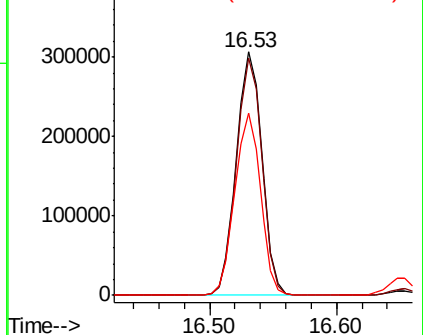


#67
4-Bromophenyl-phenylether
Concen: 48.110 ng
RT: 16.53 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Tot Ion:248 Resp: 430840
Ion Ratio Lower Upper
248 100
250 97.3 78.2 117.2
141 74.6 59.3 88.9

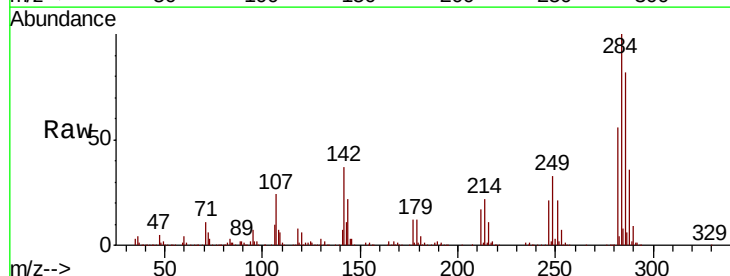


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

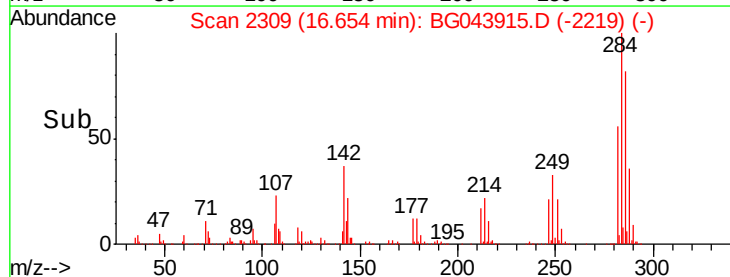
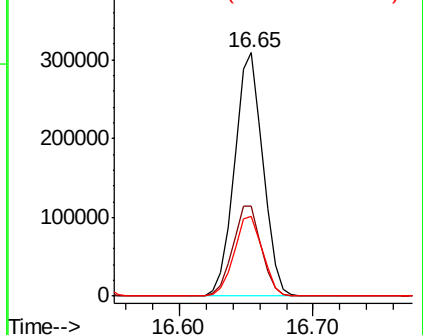


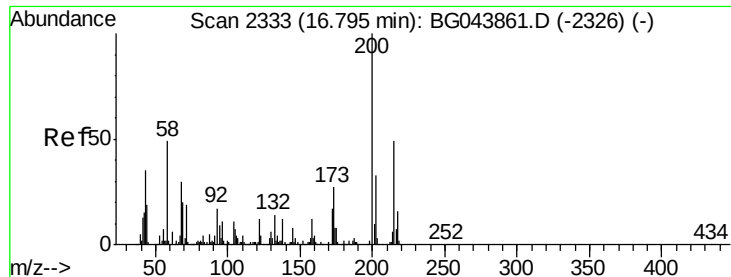
#68
Hexachlorobenzene
Concen: 47.159 ng
RT: 16.65 min Scan# 2309
Delta R.T. -0.00 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Tgt Ion:284 Resp: 455067
Ion Ratio Lower Upper
284 100
142 36.9 28.6 43.0
249 32.9 27.0 40.6



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





#69

Atrazine

Concen: 58.718 ng

RT: 16.80 min Scan# 2334

Delta R.T. 0.01 min

Lab File: BG043915.D

Acq: 4 Jan 2020 10:17

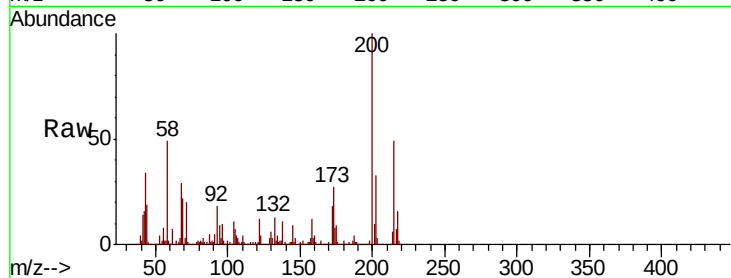
Tot Ion:200 Resp: 447543

Ion Ratio Lower Upper

200 100

173 27.2 6.6 46.6

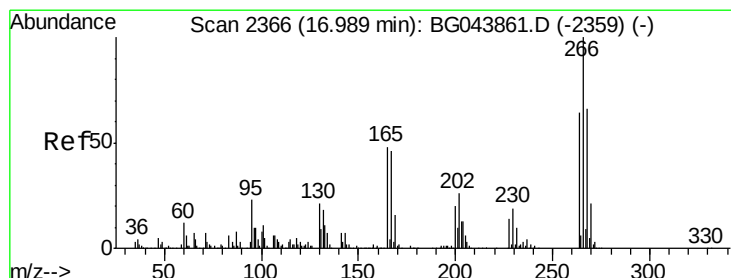
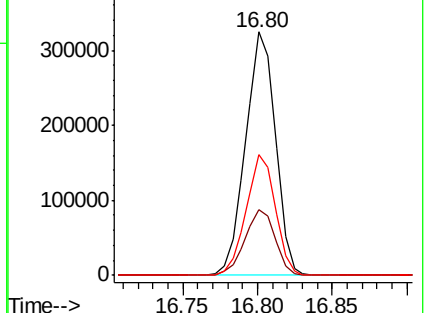
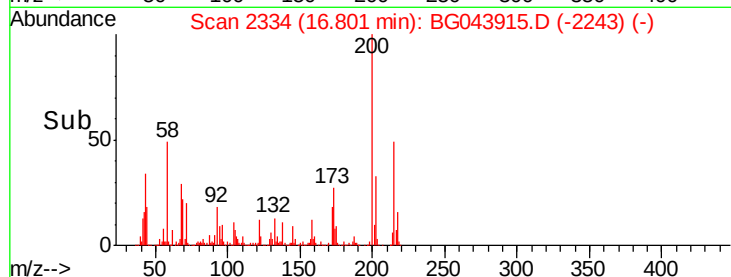
215 49.4 28.6 68.6



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: 96.874 ng

RT: 16.99 min Scan# 2367

Delta R.T. 0.01 min

Lab File: BG043915.D

Acq: 4 Jan 2020 10:17

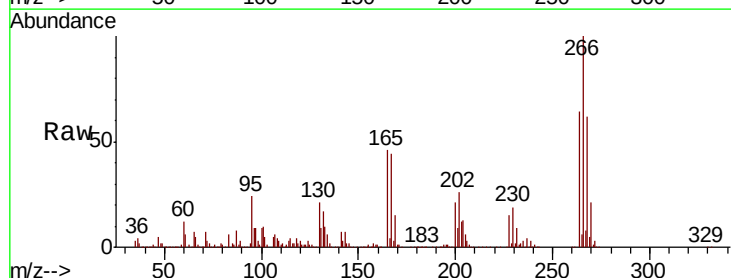
Tgt Ion:266 Resp: 515308

Ion Ratio Lower Upper

266 100

268 62.1 52.6 79.0

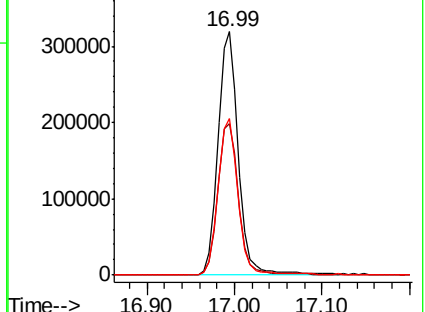
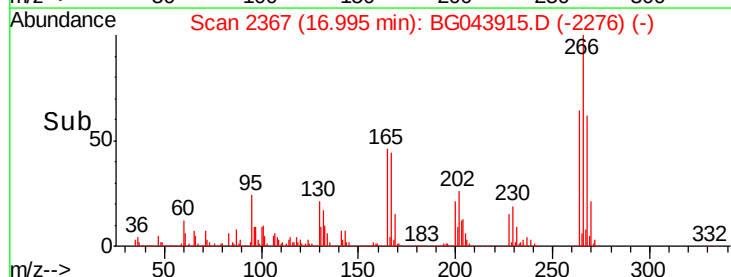
264 64.1 50.8 76.2

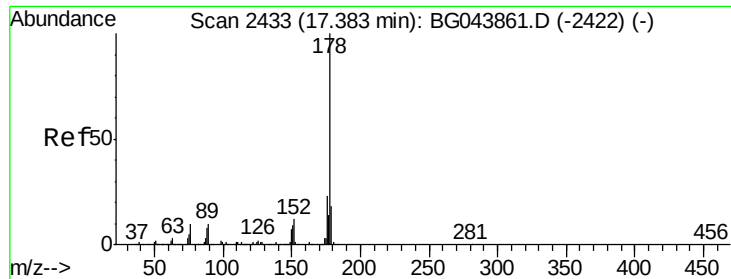


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

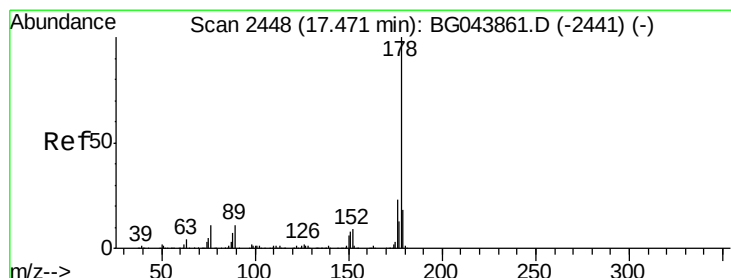
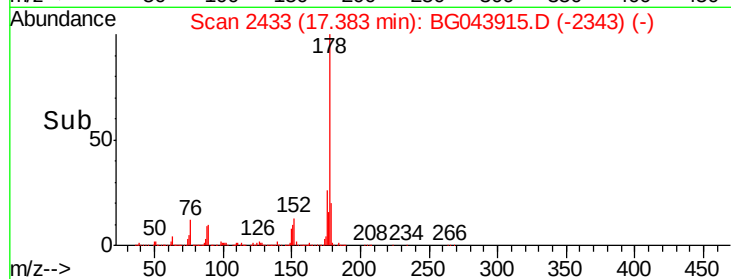
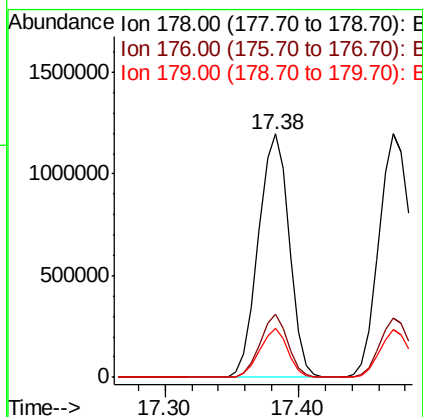
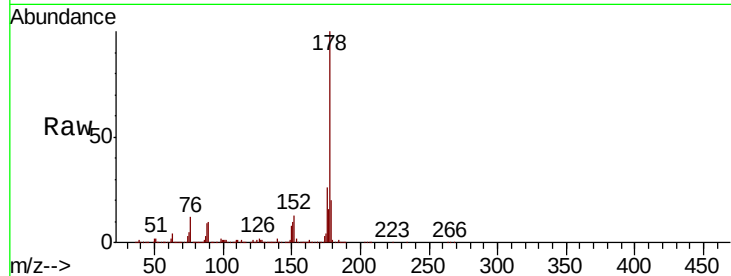




#71
Phenanthrene
Concen: 49.921 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.00 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Tot Ion:178 Resp: 1906592

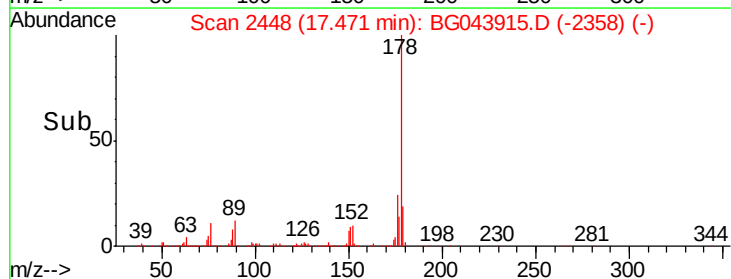
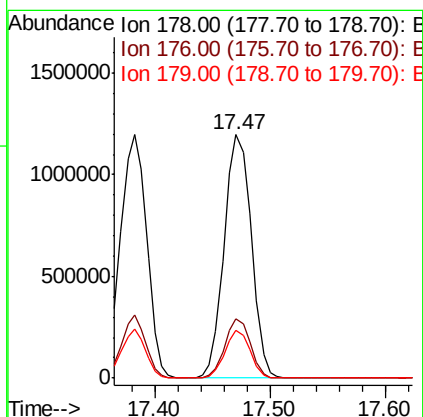
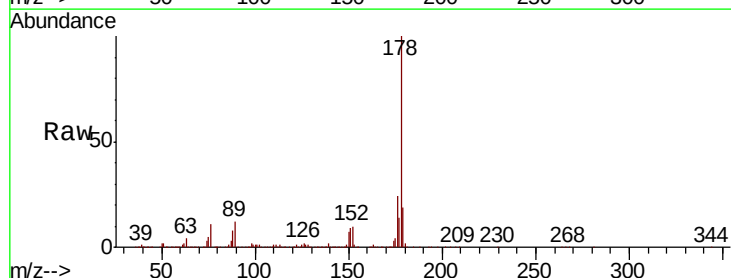
Ion	Ratio	Lower	Upper
178	100		
176	25.7	18.6	28.0
179	20.1	14.4	21.6

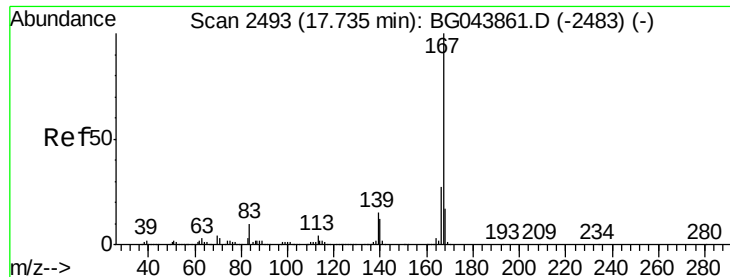


#72
Anthracene
Concen: 51.870 ng
RT: 17.47 min Scan# 2448
Delta R.T. -0.00 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Tgt Ion:178 Resp: 1957814

Ion	Ratio	Lower	Upper
178	100		
176	24.3	18.3	27.5
179	19.5	14.6	22.0

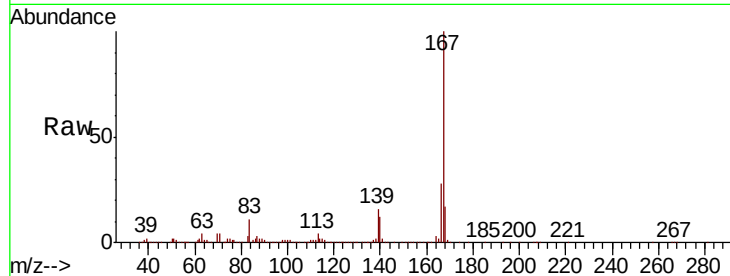




#73
 Carbazole
 Concen: 52.493 ng
 RT: 17.74 min Scan# 2493
 Delta R.T. -0.00 min
 Lab File: BG043915.D
 Acq: 4 Jan 2020 10:17

Tot Ion:167 Resp: 1830179

Ion	Ratio	Lower	Upper
167	100		
166	27.8	21.6	32.4
139	15.8	12.1	18.1

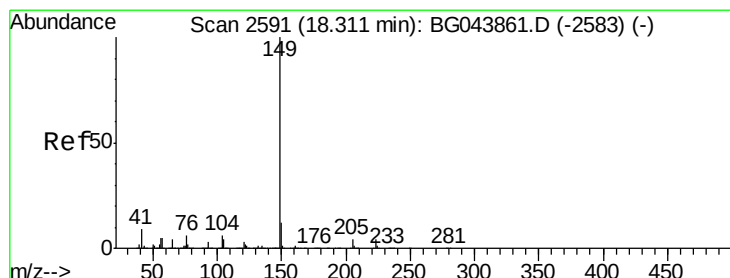
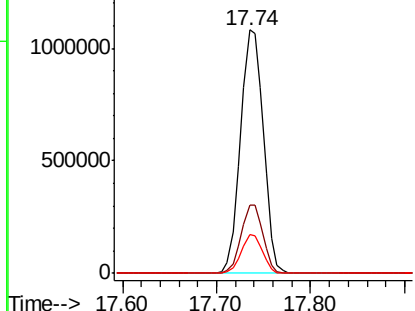
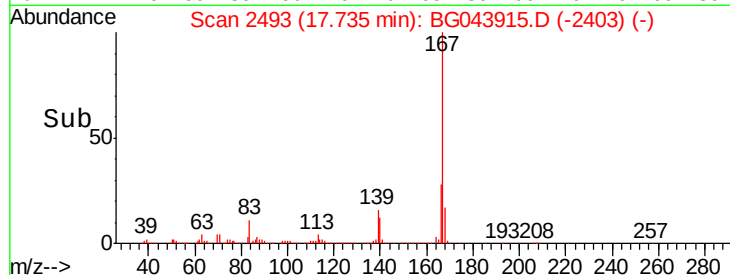


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

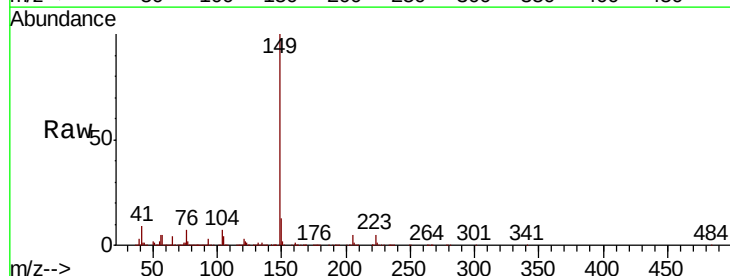
Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 48.623 ng
 RT: 18.31 min Scan# 2591
 Delta R.T. -0.00 min
 Lab File: BG043915.D
 Acq: 4 Jan 2020 10:17

Tgt Ion:149 Resp: 2164414

Ion	Ratio	Lower	Upper
149	100		
150	13.1	9.7	14.5
104	7.1	5.0	7.4

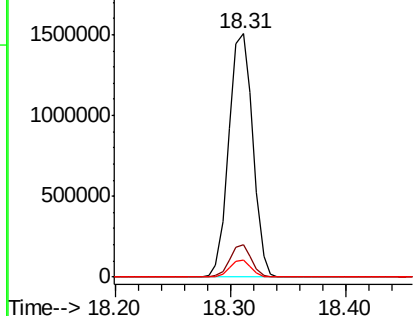
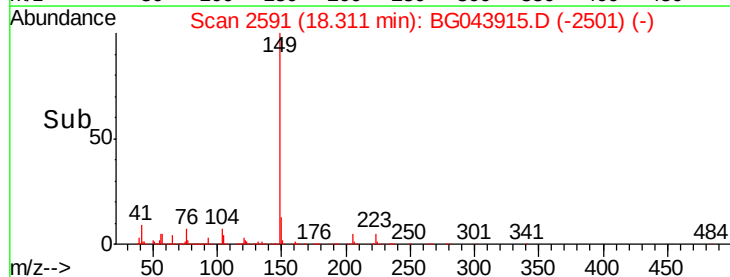


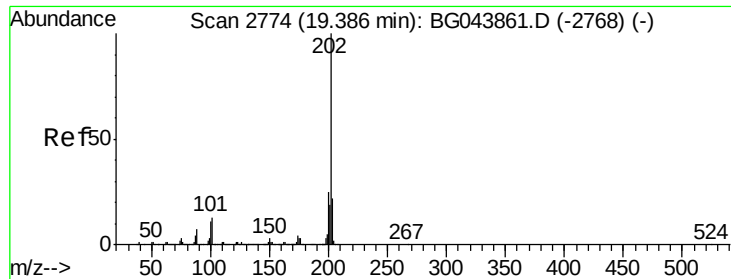
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 50.071 ng

RT: 19.39 min Scan# 2774

Delta R.T. -0.00 min

Lab File: BG043915.D

Acq: 4 Jan 2020 10:17

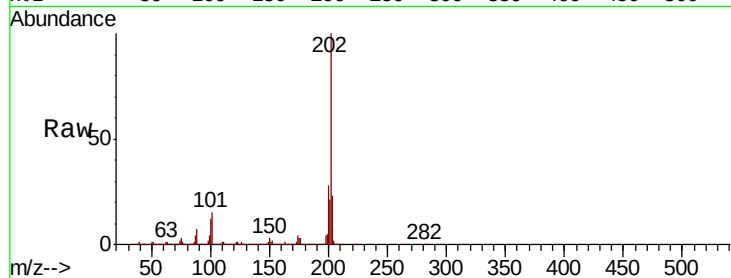
Tot Ion:202 Resp: 2186973

Ion	Ratio	Lower	Upper
202	100		
101	14.6	0.0	33.3
203	22.5	1.6	41.6

202 100

101 14.6 0.0 33.3

203 22.5 1.6 41.6

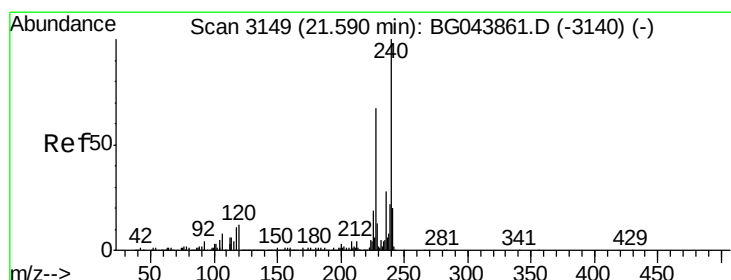
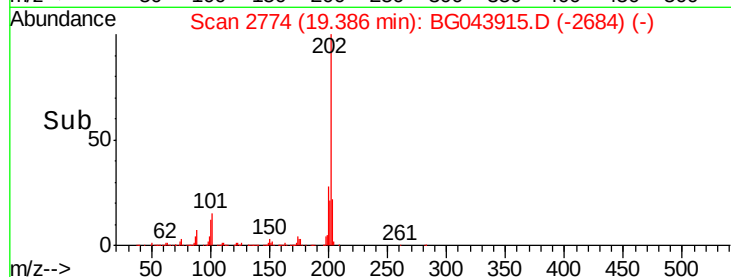
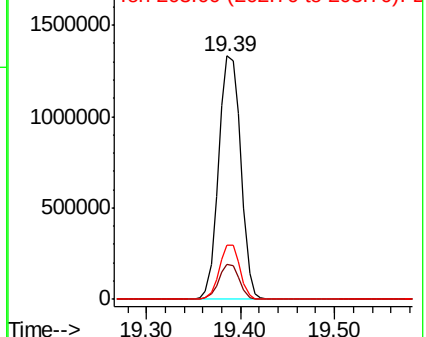


Abundance

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: 21.60 min Scan# 3150

Delta R.T. 0.01 min

Lab File: BG043915.D

Acq: 4 Jan 2020 10:17

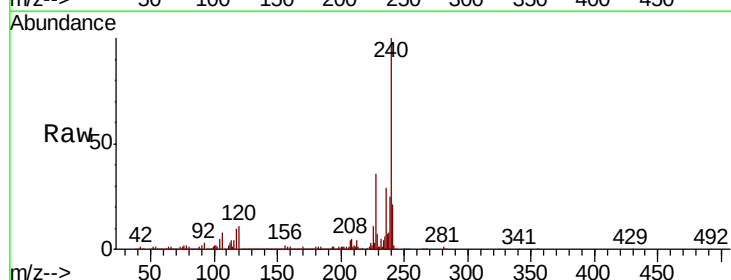
Tgt Ion:240 Resp: 676707

Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.6	14.4
236	28.6	22.2	33.2

240 100

120 10.9 9.6 14.4

236 28.6 22.2 33.2

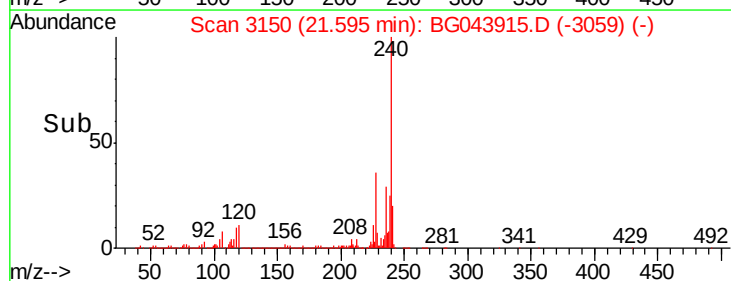
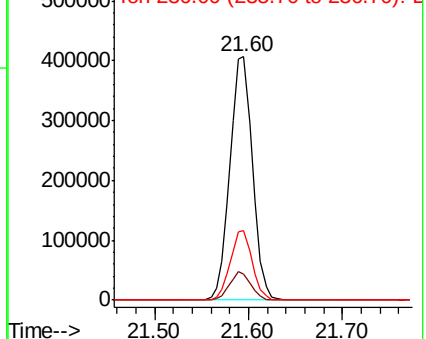


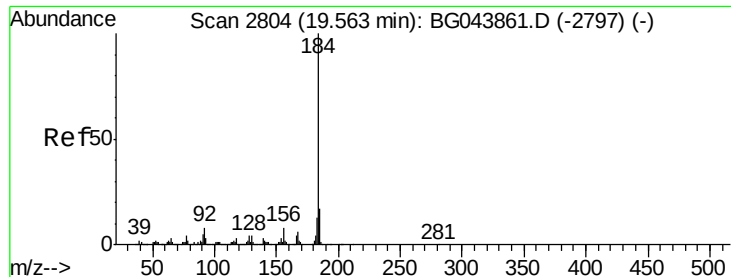
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 7.309 ng

RT: 19.56 min Scan# 2804

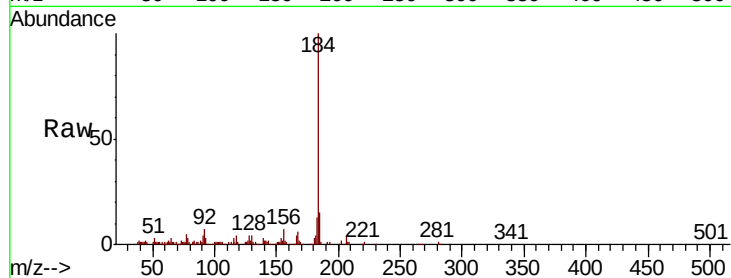
Delta R.T. -0.00 min

Lab File: BG043915.D

Acq: 4 Jan 2020 10:17

Tot Ion:184 Resp: 124322

Ion	Ratio	Lower	Upper
184	100		
185	15.3	13.4	20.0
183	12.9	10.6	15.8

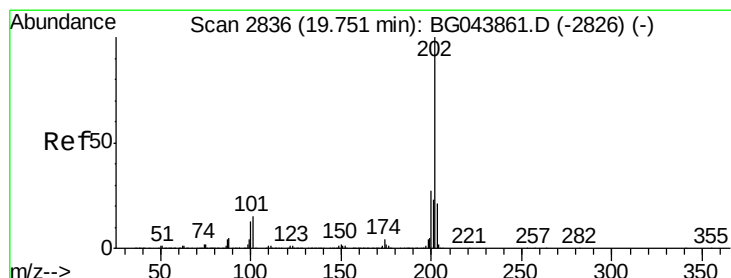
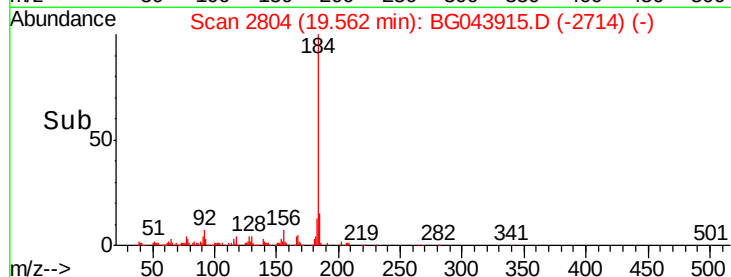
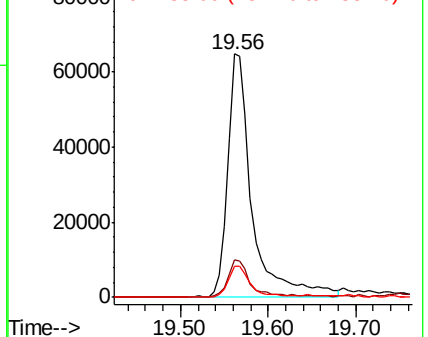


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 49.644 ng

RT: 19.75 min Scan# 2836

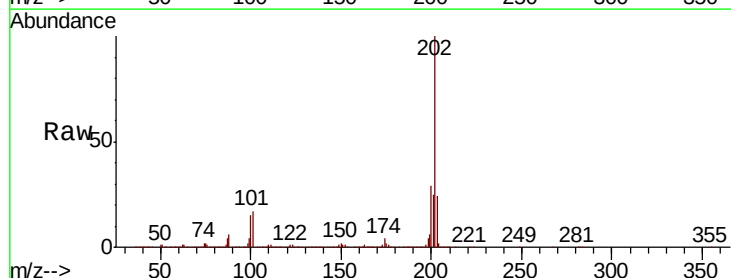
Delta R.T. -0.00 min

Lab File: BG043915.D

Acq: 4 Jan 2020 10:17

Tgt Ion:202 Resp: 2192841

Ion	Ratio	Lower	Upper
202	100		
200	29.1	21.7	32.5
203	23.7	17.0	25.6

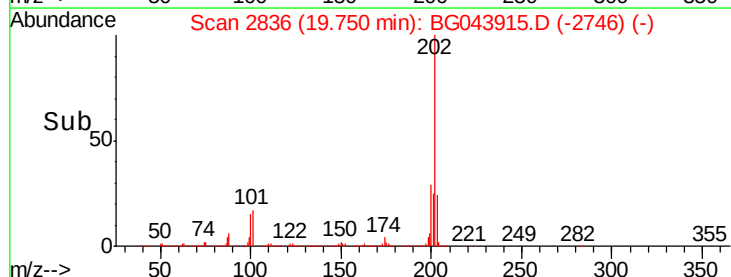
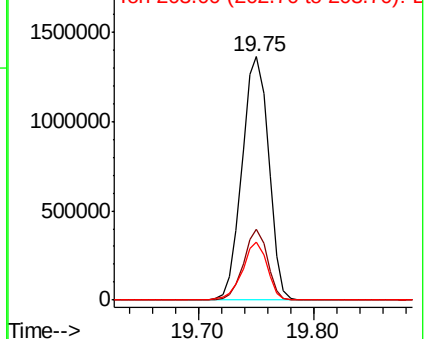


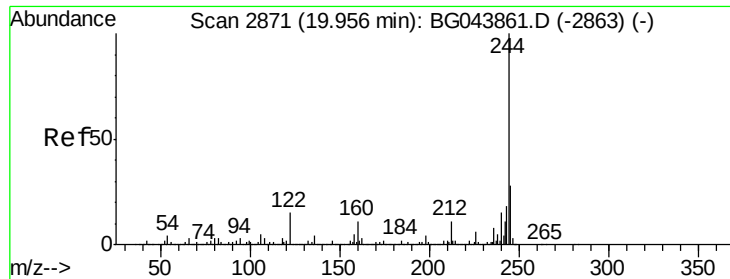
Abundance

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: 95.720 ng

RT: 19.95 min Scan# 2870

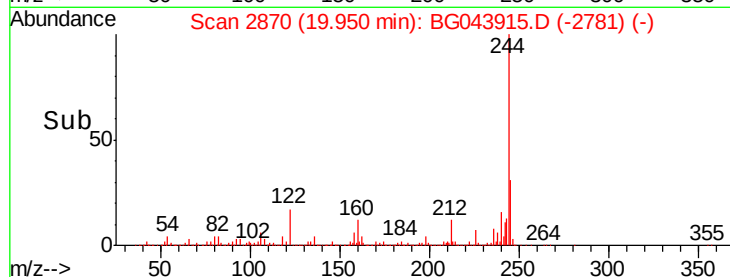
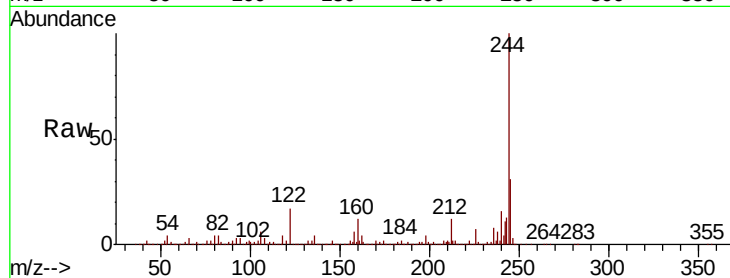
Delta R.T. -0.01 min

Lab File: BG043915.D

Acq: 4 Jan 2020 10:17

Tot Ion:244 Resp: 2600694

Ion	Ratio	Lower	Upper
244	100		
212	11.6	8.6	13.0
122	17.1	11.9	17.9

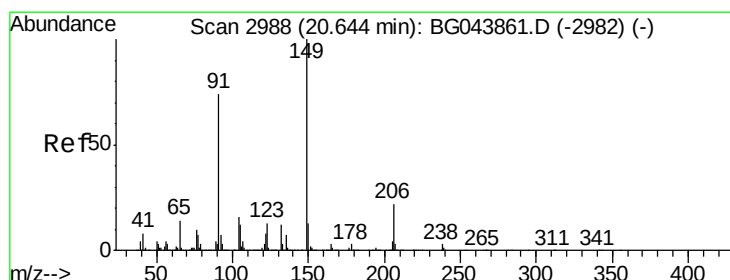
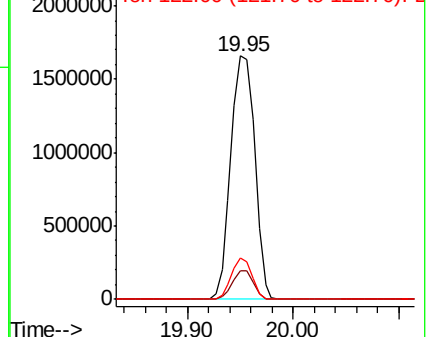


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 50.996 ng

RT: 20.64 min Scan# 2988

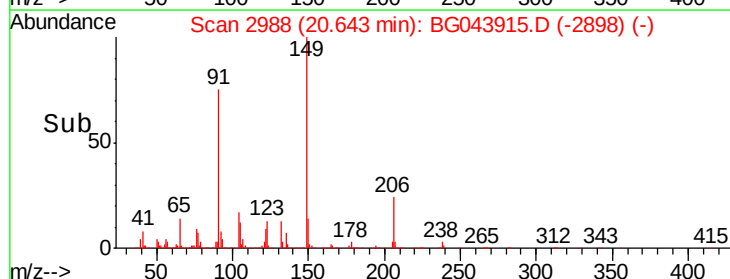
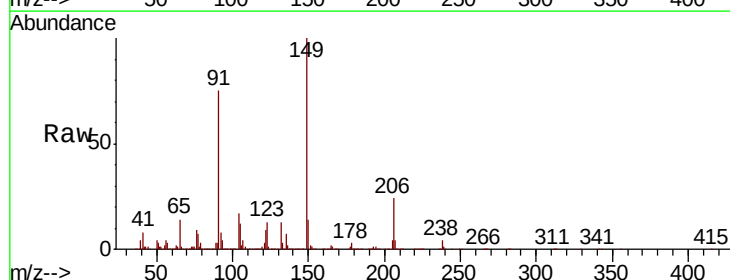
Delta R.T. -0.00 min

Lab File: BG043915.D

Acq: 4 Jan 2020 10:17

Tgt Ion:149 Resp: 1072424

Ion	Ratio	Lower	Upper
149	100		
91	74.6	59.5	89.3
206	23.9	17.8	26.6

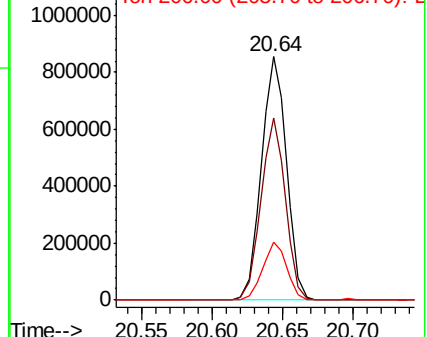


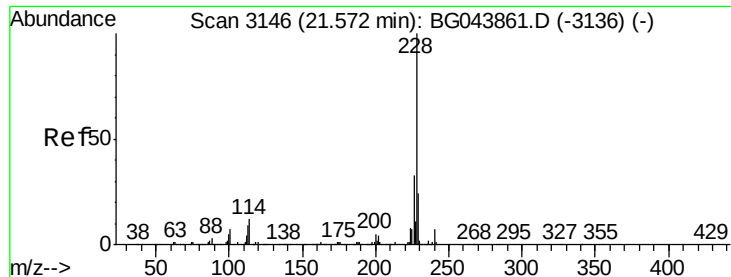
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 50.625 ng

RT: 21.57 min Scan# 3146

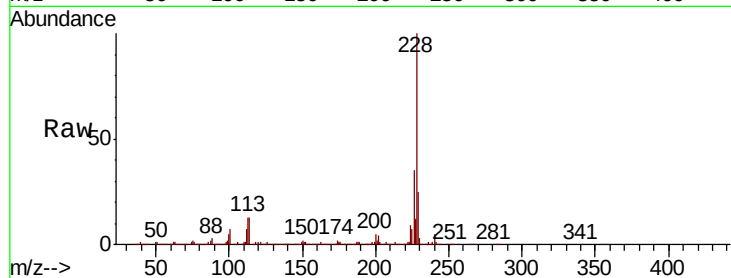
Delta R.T. -0.00 min

Lab File: BG043915.D

Acq: 4 Jan 2020 10:17

Tot Ion:228 Resp: 2124272

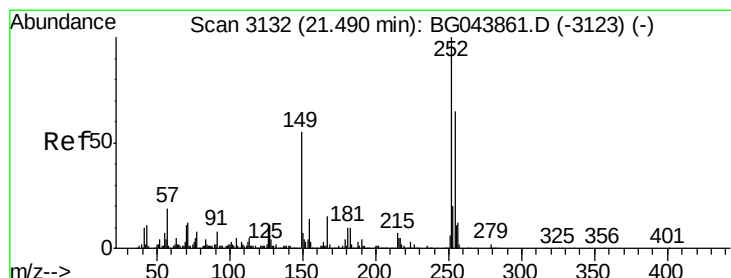
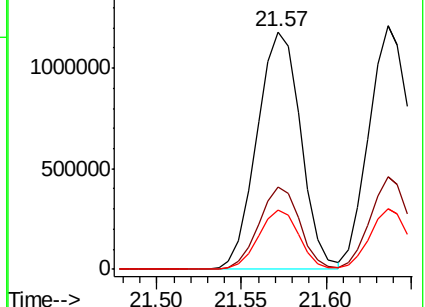
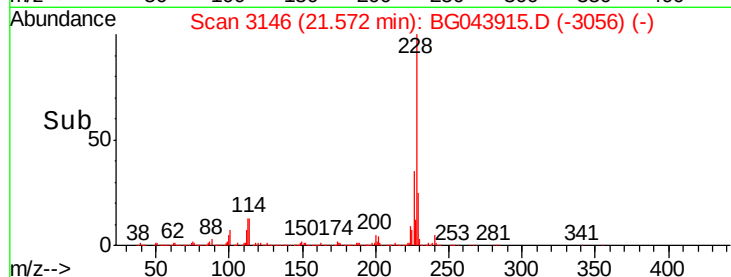
Ion	Ratio	Lower	Upper
228	100		
226	34.5	26.2	39.4
229	24.7	18.9	28.3



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: 19.958 ng

RT: 21.49 min Scan# 3132

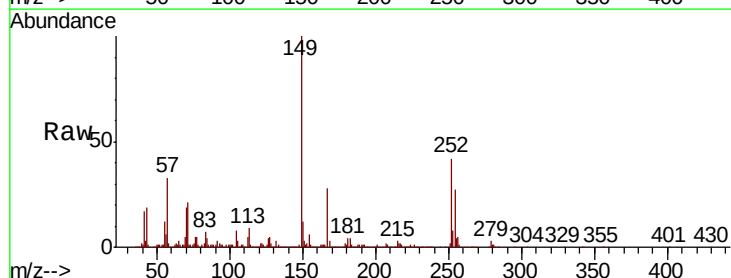
Delta R.T. -0.00 min

Lab File: BG043915.D

Acq: 4 Jan 2020 10:17

Tgt Ion:252 Resp: 330859

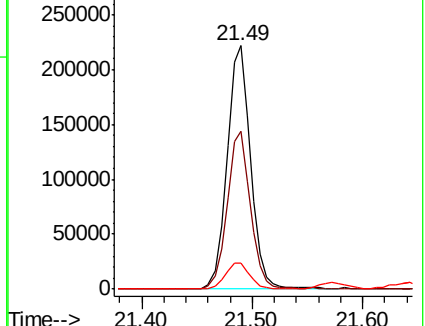
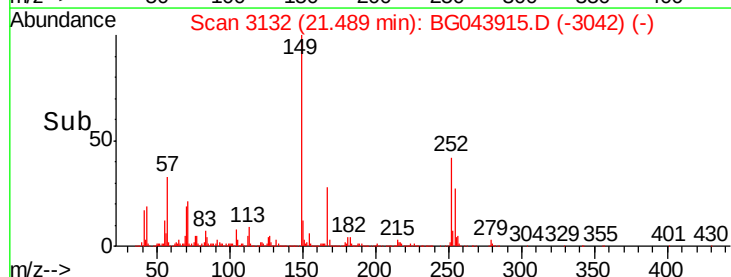
Ion	Ratio	Lower	Upper
252	100		
254	65.1	52.1	78.1
126	10.8	9.1	13.7

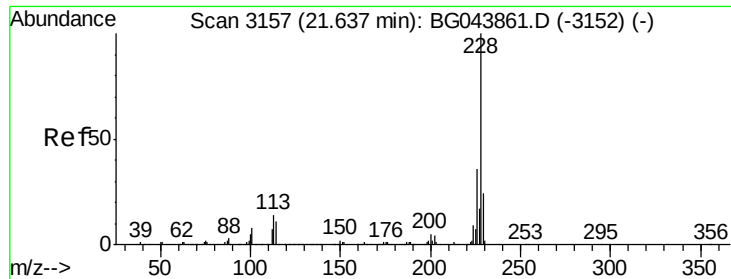


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

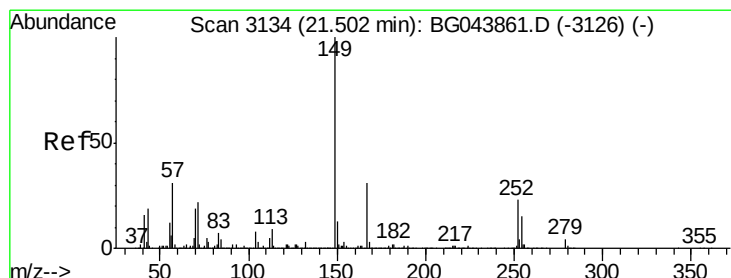
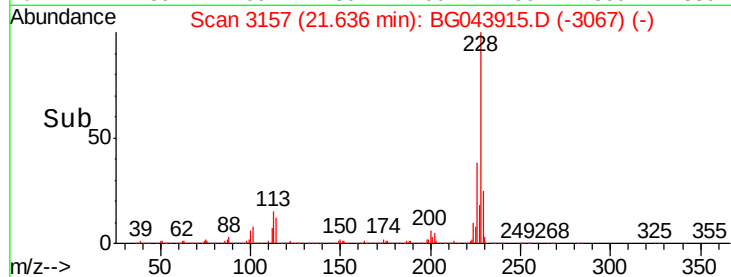
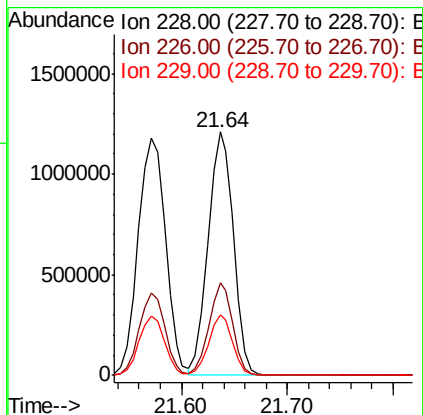
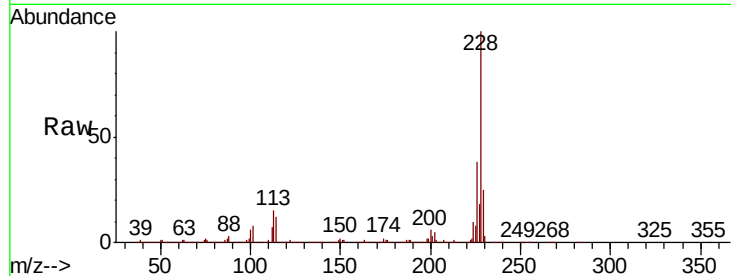




#83
 Chrysene
 Concen: 50.742 ng
 RT: 21.64 min Scan# 3157
 Delta R.T. -0.00 min
 Lab File: BG043915.D
 Acq: 4 Jan 2020 10:17

Tot Ion:228 Resp: 2023140

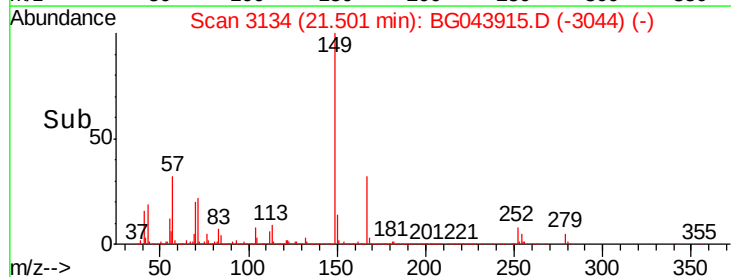
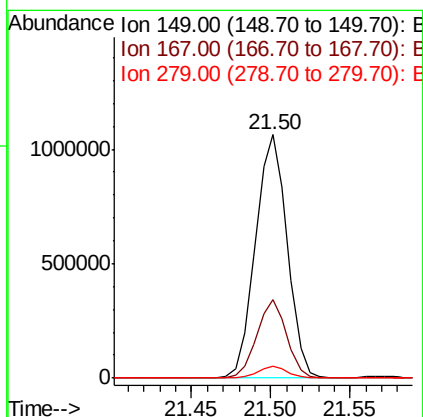
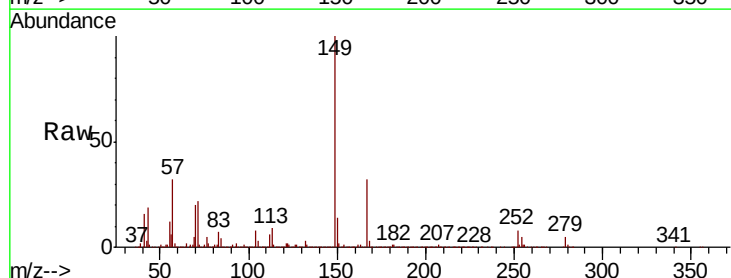
Ion	Ratio	Lower	Upper
228	100		
226	38.3	28.8	43.2
229	24.9	19.0	28.6

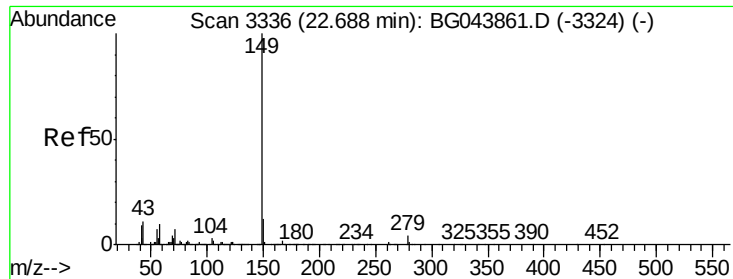


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 50.980 ng
 RT: 21.50 min Scan# 3134
 Delta R.T. -0.00 min
 Lab File: BG043915.D
 Acq: 4 Jan 2020 10:17

Tgt Ion:149 Resp: 1479269

Ion	Ratio	Lower	Upper
149	100		
167	32.0	24.7	37.1
279	4.8	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 51.958 ng

RT: 22.69 min Scan# 3336

Delta R.T. -0.00 min

Lab File: BG043915.D

Acq: 4 Jan 2020 10:17

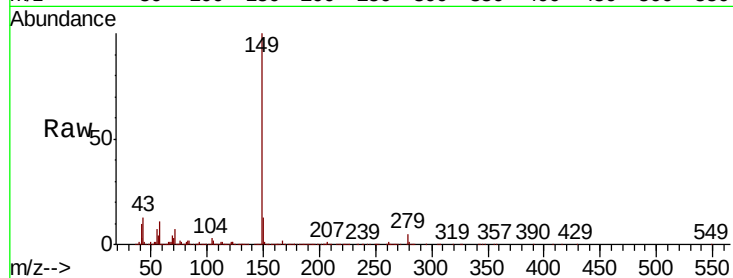
Tot Ion:149 Resp: 2534589

Ion Ratio Lower Upper

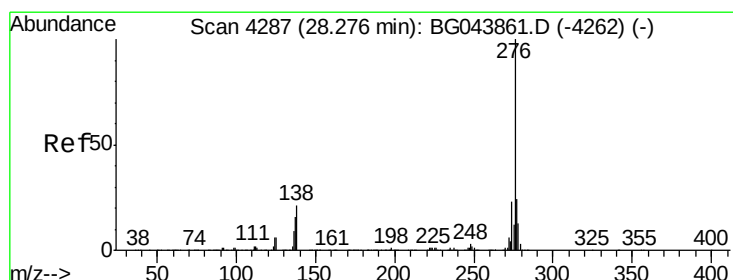
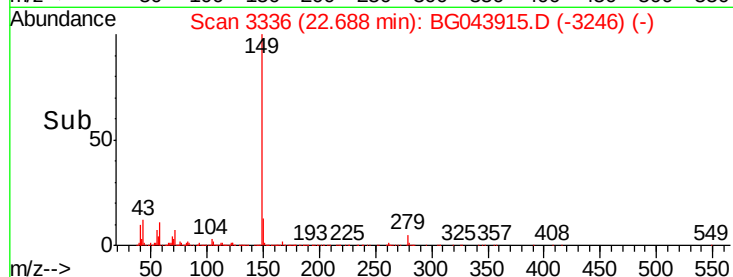
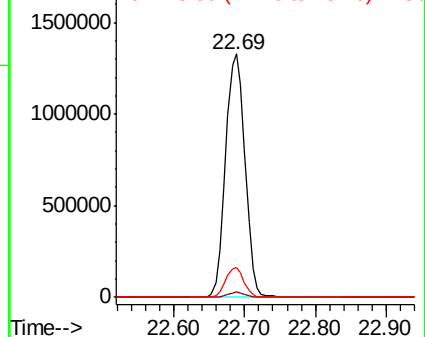
149 100

167 1.9 1.4 2.0

43 11.4 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): E



#86

Indeno(1,2,3-cd)pyrene

Concen: 51.786 ng

RT: 28.27 min Scan# 4286

Delta R.T. -0.01 min

Lab File: BG043915.D

Acq: 4 Jan 2020 10:17

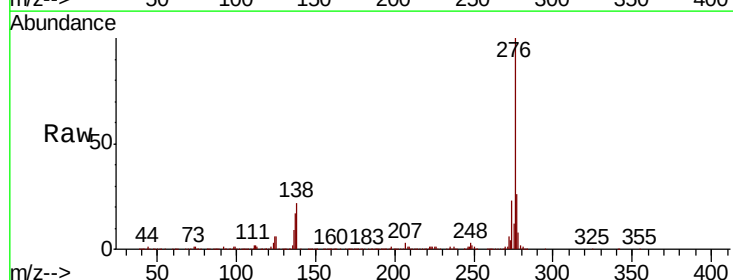
Tgt Ion:276 Resp: 2805979

Ion Ratio Lower Upper

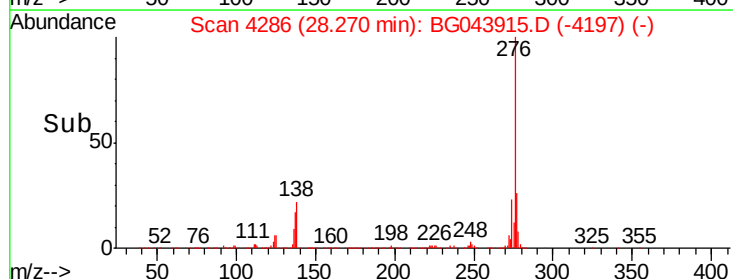
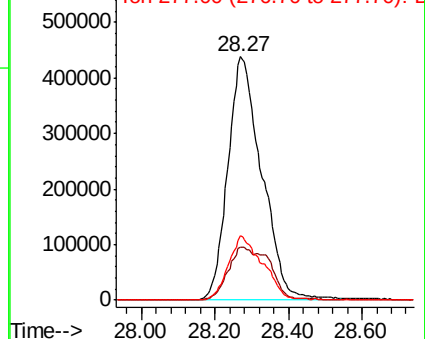
276 100

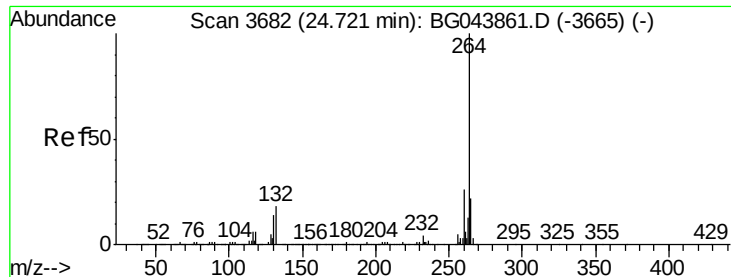
138 15.4 21.0 31.4#

277 26.7 21.1 31.7



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.72 min Scan# 3682

Delta R.T. -0.00 min

Lab File: BG043915.D

Acq: 4 Jan 2020 10:17

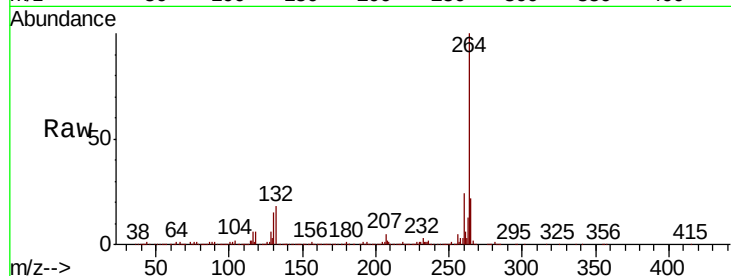
Tot Ion:264 Resp: 779944

Ion Ratio Lower Upper

264 100

260 24.5 20.4 30.6

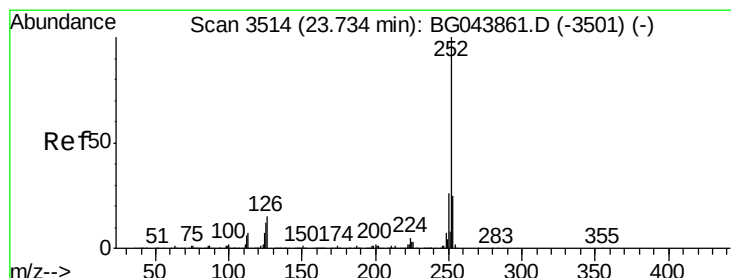
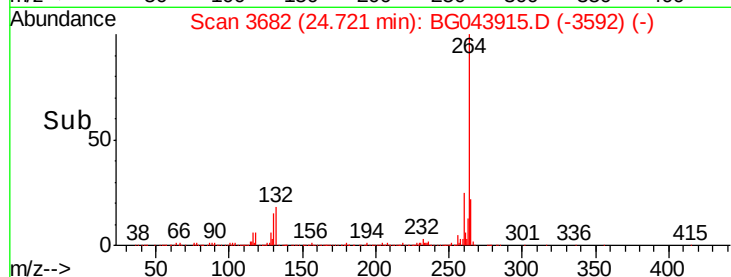
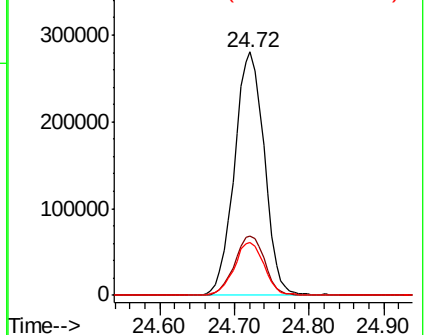
265 22.0 17.4 26.2



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: 50.708 ng

RT: 23.73 min Scan# 3514

Delta R.T. -0.00 min

Lab File: BG043915.D

Acq: 4 Jan 2020 10:17

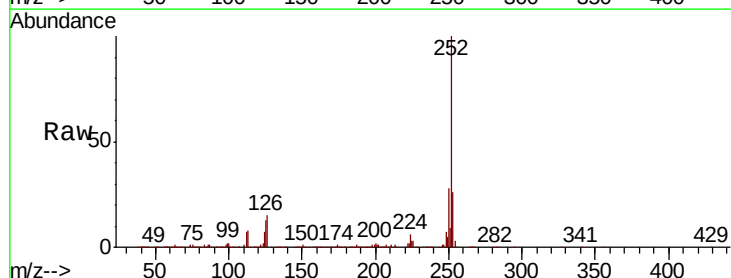
Tgt Ion:252 Resp: 2338038

Ion Ratio Lower Upper

252 100

253 25.9 19.7 29.5

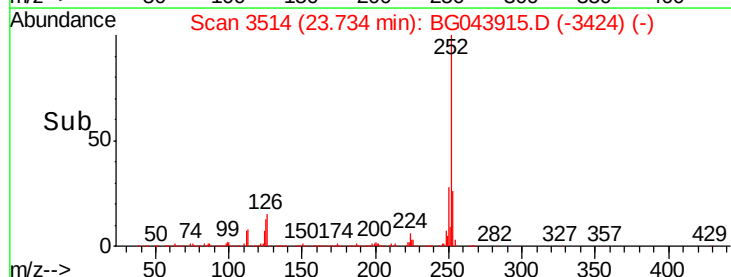
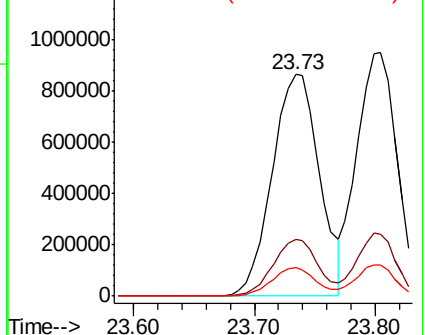
125 12.8 9.4 14.2

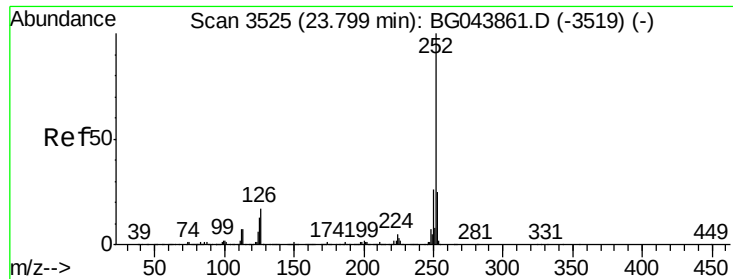


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

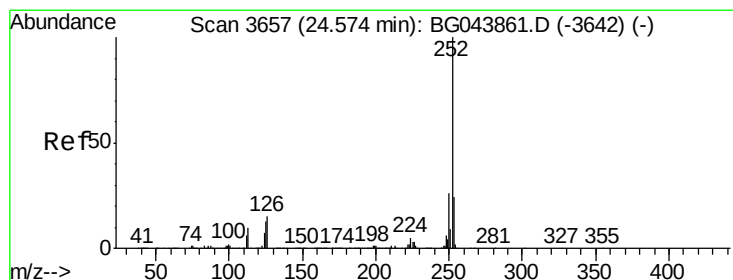
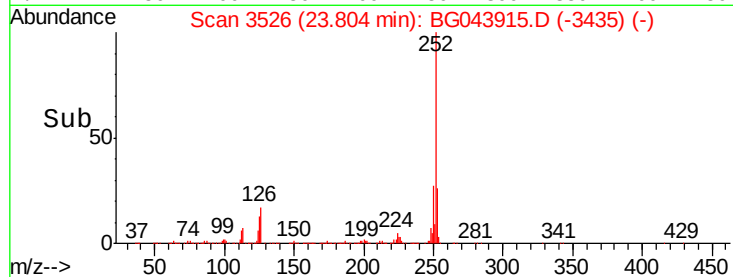
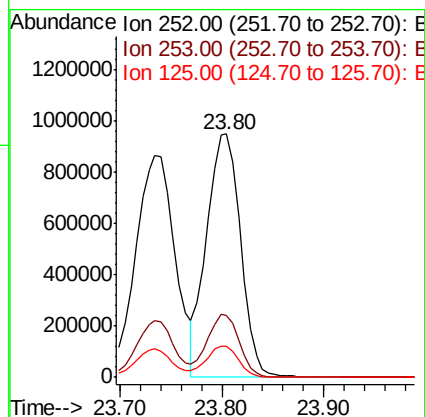
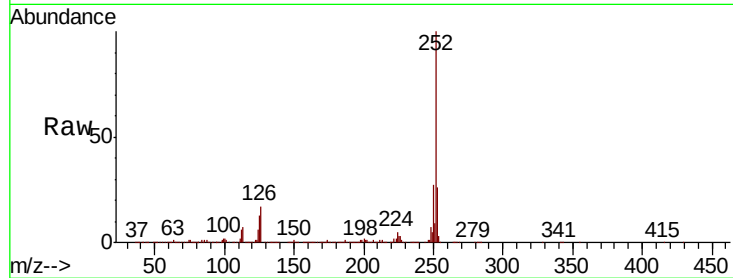
Ion 125.00 (124.70 to 125.70): E





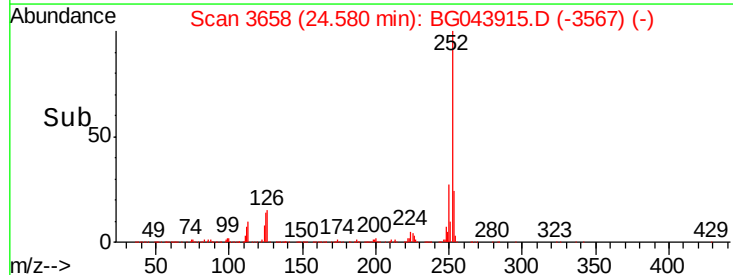
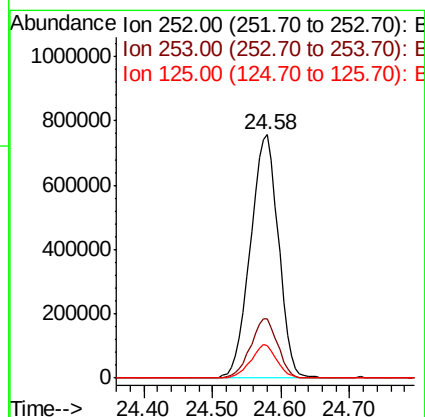
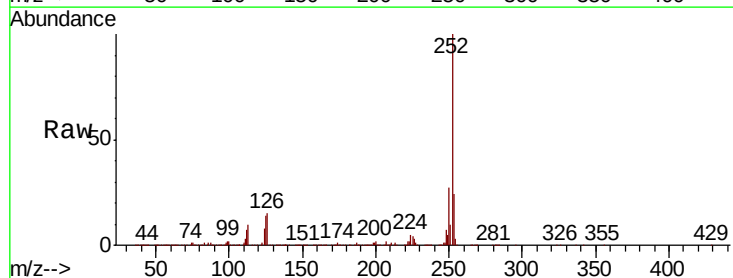
#89
Benzo(k)fluoranthene
Concen: 50.106 ng
RT: 23.80 min Scan# 3526
Delta R.T. 0.01 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

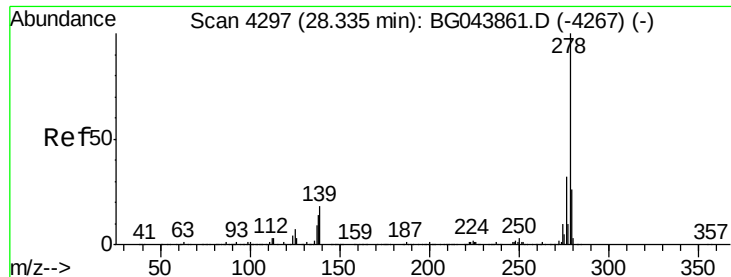
Tot Ion:252 Resp: 2196958
Ion Ratio Lower Upper
252 100
253 25.6 19.4 29.2
125 12.6 9.9 14.9



#90
Benzo(a)pyrene
Concen: 49.516 ng
RT: 24.58 min Scan# 3658
Delta R.T. 0.01 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

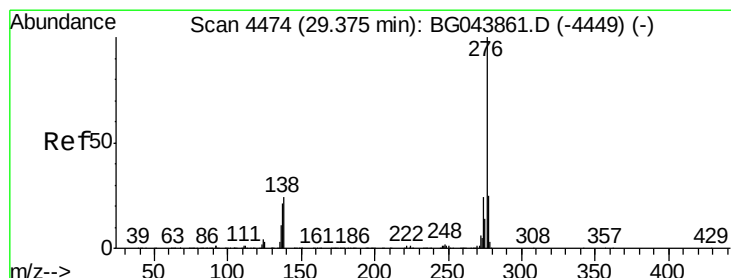
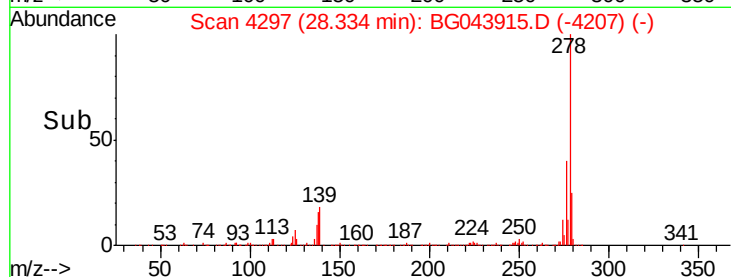
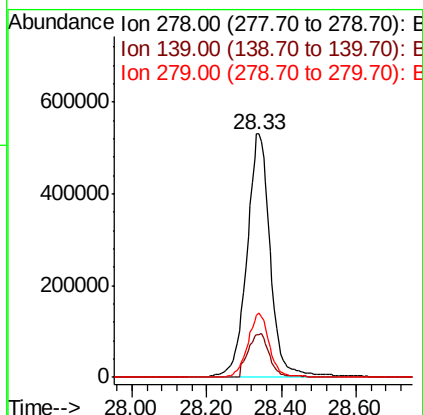
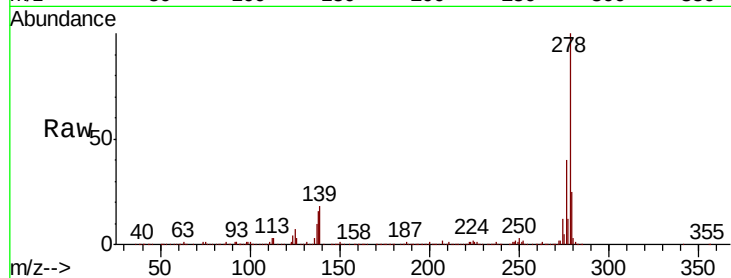
Tgt Ion:252 Resp: 2154856
Ion Ratio Lower Upper
252 100
253 24.2 19.3 28.9
125 13.6 10.4 15.6





#91
Dibenzo(a,h)anthracene
Concen: 52.611 ng
RT: 28.33 min Scan# 4297
Delta R.T. -0.00 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Tot Ion:278 Resp: 2299390
Ion Ratio Lower Upper
278 100
139 17.8 14.2 21.4
279 25.2 20.6 30.8



#92
Benzo(g,h,i)perylene
Concen: 52.758 ng
RT: 29.39 min Scan# 4476
Delta R.T. 0.01 min
Lab File: BG043915.D
Acq: 4 Jan 2020 10:17

Tgt Ion:276 Resp: 2290378
Ion Ratio Lower Upper
276 100
277 25.6 20.2 30.4
138 23.8 19.0 28.6

