

Data File : BG043895.D
Acq On : 3 Jan 2020 19:54
Operator : JU
Sample : K6464-05MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jan 04 04:41:45 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	7.97	152	141819	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	607709	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	407983	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	860757	20.00	ng	0.00
76) Chrysene-d12	21.59	240	719606	20.00	ng	0.00
87) Perylene-d12	24.72	264	833525	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	579554	75.03	ng	0.00
7) Phenol-d6	7.13	99	511409	47.37	ng	0.00
23) Nitrobenzene-d5	9.12	82	1053863	92.77	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	653489	153.06	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	2150378	95.49	ng	0.00
79) Terphenyl-d14	19.95	244	2716252	93.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.44	88	66469	19.737	ng	97
3) Pyridine	3.83	79	164184	16.503	ng	97
4) n-Nitrosodimethylamine	3.74	42	90766	20.492	ng	93
6) Aniline	7.28	93	220727	15.565	ng	98
8) 2-Chlorophenol	7.53	128	404228	44.579	ng	99
9) Benzaldehyde	7.10	77	340176	49.229	ng	99
10) Phenol	7.15	94	211998	19.058	ng	97
11) bis(2-Chloroethyl)ether	7.38	93	485254	50.536	ng	99
12) 1,3-Dichlorobenzene	7.85	146	436609	41.147	ng	99
13) 1,4-Dichlorobenzene	8.00	146	442887	42.302	ng	99
14) 1,2-Dichlorobenzene	8.32	146	432688	43.057	ng	97
15) Benzyl Alcohol	8.19	79	287148	33.699	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.49	45	690521	46.483	ng	99
17) 2-Methylphenol	8.41	107	299587	37.216	ng	100
18) Hexachloroethane	9.05	117	161120	39.550	ng	98
19) n-Nitroso-di-n-propylamine	8.77	70	401624	49.951	ng	97
20) 3+4-Methylphenols	8.74	107	363335	32.355	ng	99
22) Acetophenone	8.78	105	705579	46.702	ng	98
24) Nitrobenzene	9.16	77	546631	48.584	ng	98
25) Isophorone	9.69	82	1082639	50.799	ng	99
26) 2-Nitrophenol	9.88	139	274222	51.516	ng	97
27) 2,4-Dimethylphenol	9.94	122	433310	54.077	ng	97
28) bis(2-Chloroethoxy)methane	10.17	93	686118	48.289	ng	99
29) 2,4-Dichlorophenol	10.41	162	473986	49.591	ng	99
30) 1,2,4-Trichlorobenzene	10.63	180	451696	42.148	ng	99
31) Naphthalene	10.82	128	1381272	46.969	ng	99
32) Benzoic acid	10.03	122	80274	16.959	ng	100
33) 4-Chloroaniline	10.91	127	142747	10.177	ng	99
34) Hexachlorobutadiene	11.11	225	246600	37.688	ng	96
35) Caprolactam	11.68	113	18431	5.180	ng	95
36) 4-Chloro-3-methylphenol	12.04	107	483330	47.502	ng	100
37) 2-Methylnaphthalene	12.43	142	1066261	48.160	ng	99
38) 1-Methylnaphthalene	12.64	142	1027292	48.957	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	517026	43.237	ng	99

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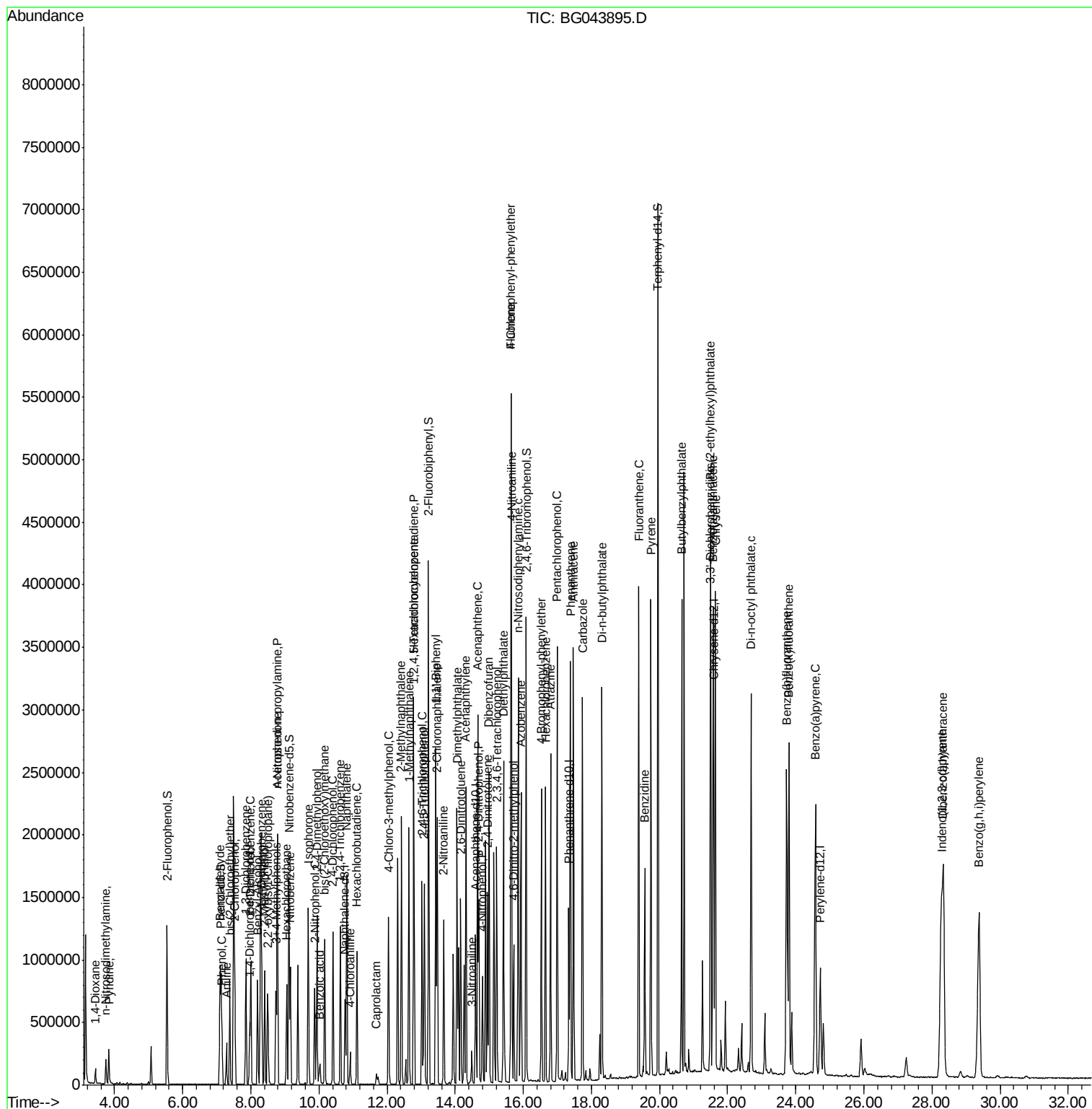
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	582268	93.922	ng	97
43) 2,4,6-Trichlorophenol	13.02	196	403268	49.011	ng	99
44) 2,4,5-Trichlorophenol	13.09	196	429862	50.654	ng	99
46) 1,1'-Biphenyl	13.43	154	1384890	47.344	ng	98
47) 2-Chloronaphthalene	13.47	162	1086537	45.967	ng	99
48) 2-Nitroaniline	13.66	65	367373	48.317	ng	98
49) Acenaphthylene	14.32	152	1703347	50.137	ng	98
50) Dimethylphthalate	14.05	163	1510413	52.140	ng	100
51) 2,6-Dinitrotoluene	14.16	165	342286	52.277	ng	98
52) Acenaphthene	14.66	154	1138165	47.771	ng	98
53) 3-Nitroaniline	14.49	138	70853	9.529	ng	# 99
54) 2,4-Dinitrophenol	14.70	184	354022	104.342	ng	98
55) Dibenzofuran	14.99	168	1649502	50.292	ng	98
56) 4-Nitrophenol	14.80	139	240918	42.283	ng	95
57) 2,4-Dinitrotoluene	14.95	165	469574	52.707	ng	97
58) Fluorene	15.64	166	1311176	50.438	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.22	232	388643	53.259	ng	98
60) Diethylphthalate	15.42	149	1476541	50.961	ng	98
61) 4-Chlorophenyl-phenylether	15.64	204	695974	49.305	ng	99
62) 4-Nitroaniline	15.66	138	320394	43.636	ng	99
63) Azobenzene	15.93	77	1394144	51.884	ng	98
65) 4,6-Dinitro-2-methylphenol	15.72	198	257116	57.064	ng	99
66) n-Nitrosodiphenylamine	15.85	169	1259216	49.677	ng	99
67) 4-Bromophenyl-phenylether	16.53	248	462043	47.727	ng	99
68) Hexachlorobenzene	16.65	284	480557	46.068	ng	97
69) Atrazine	16.80	200	473938	57.520	ng	98
70) Pentachlorophenol	16.99	266	607944	105.723	ng	99
71) Phenanthrene	17.38	178	2016413	48.840	ng	96
72) Anthracene	17.47	178	2081882	51.023	ng	96
73) Carbazole	17.74	167	1905357	50.553	ng	96
74) Di-n-butylphthalate	18.31	149	2267506	47.121	ng	97
75) Fluoranthene	19.39	202	2239167	47.423	ng	95
77) Benzidine	19.56	184	936776	51.791	ng	98
78) Pyrene	19.75	202	2266052	48.243	ng	96
80) Butylbenzylphthalate	20.64	149	1125733	50.340	ng	98
81) Benzo(a)anthracene	21.57	228	2182144	48.904	ng	97
82) 3,3'-Dichlorobenzidine	21.48	252	423390	24.017	ng	99
83) Chrysene	21.64	228	2081172	49.086	ng	96
84) Bis(2-ethylhexyl)phthalate	21.50	149	1562263	50.630	ng	98
85) Di-n-octyl phthalate	22.68	149	2644905	50.987	ng	98
86) Indeno(1,2,3-cd)pyrene	28.27	276	2879087	49.967	ng	98
88) Benzo(b)fluoranthene	23.73	252	2386588	48.433	ng	98
89) Benzo(k)fluoranthene	23.80	252	2305270	49.197	ng	97
90) Benzo(a)pyrene	24.58	252	2215359	47.634	ng	99
91) Dibenzo(a,h)anthracene	28.33	278	2355647	50.434	ng	99
92) Benzo(g,h,i)perylene	29.38	276	2390151	51.517	ng	98

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

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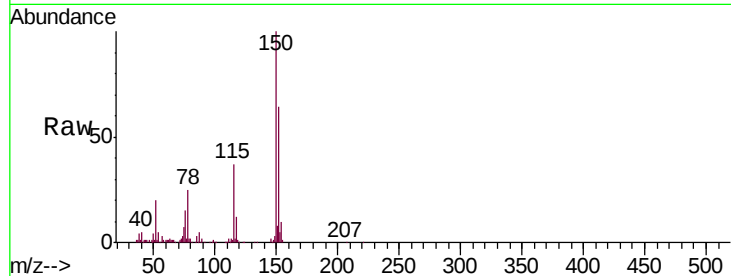




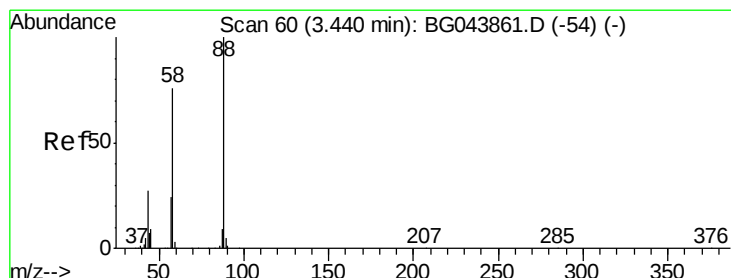
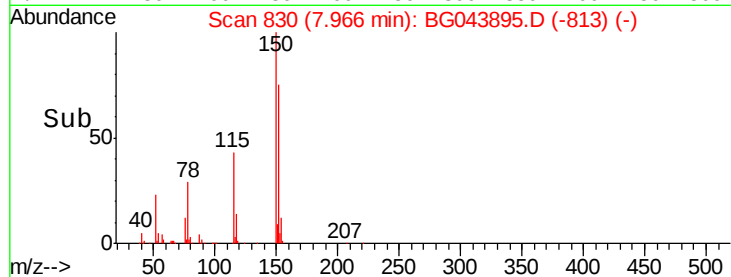
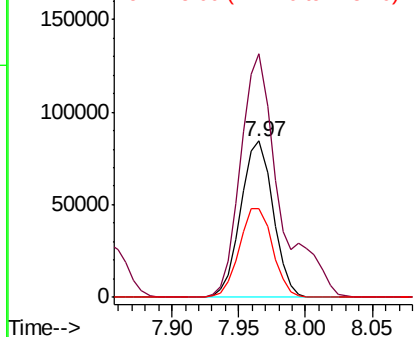
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.6	127.0	190.4
115	56.9	47.8	71.8



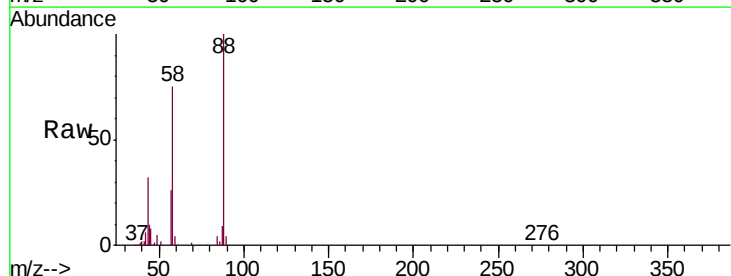
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



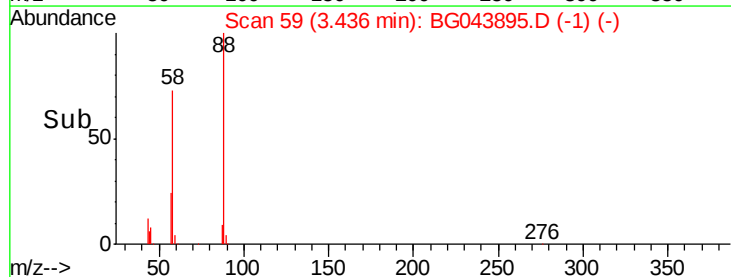
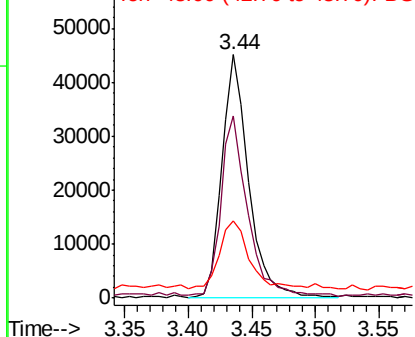
#2

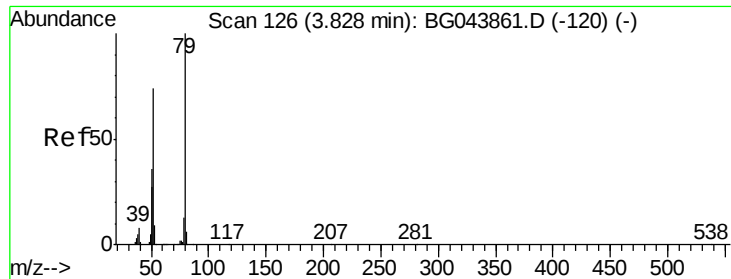
1,4-Dioxane
Concen: 19.737 ng
RT: 3.44 min Scan# 59
Delta R.T. -0.00 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.6	59.8	89.8
43	30.6	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

Pyridine

Concen: 16.503 ng

RT: 3.83 min Scan# 126

Delta R.T. 0.00 min

Lab File: BG043895.D

Acq: 3 Jan 2020 19:54

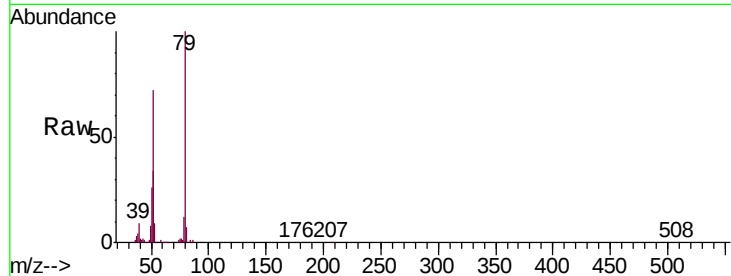
Tgt Ion: 79 Resp: 164184

Ion Ratio Lower Upper

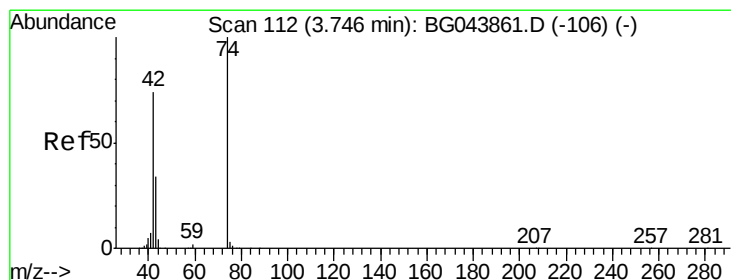
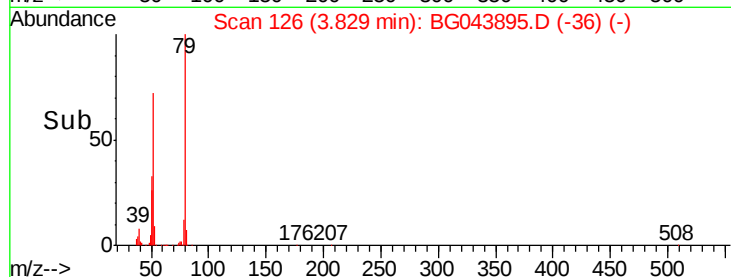
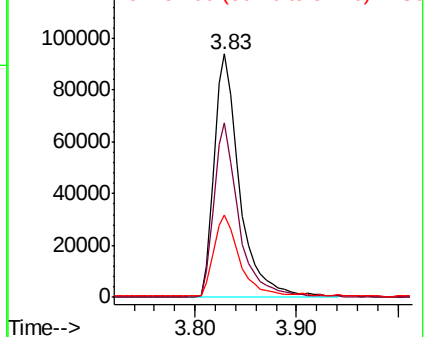
79 100

52 71.5 58.9 88.3

51 34.0 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: 20.492 ng

RT: 3.74 min Scan# 111

Delta R.T. -0.00 min

Lab File: BG043895.D

Acq: 3 Jan 2020 19:54

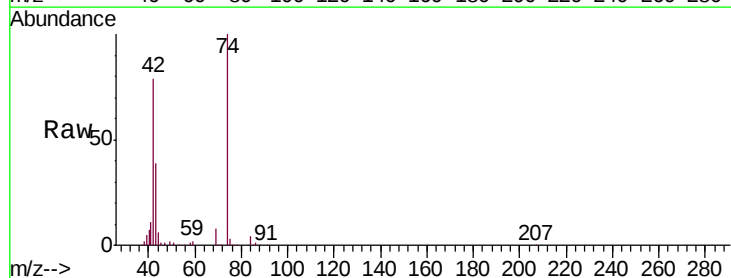
Tgt Ion: 42 Resp: 90766

Ion Ratio Lower Upper

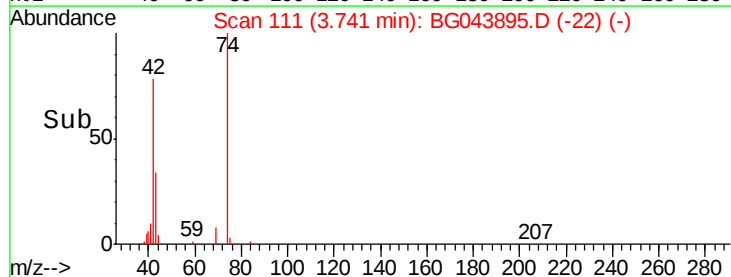
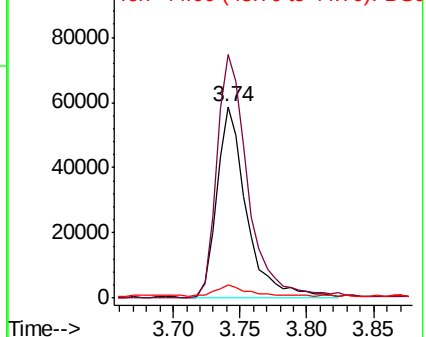
42 100

74 127.3 108.6 162.8

44 7.1 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: 75.034 ng

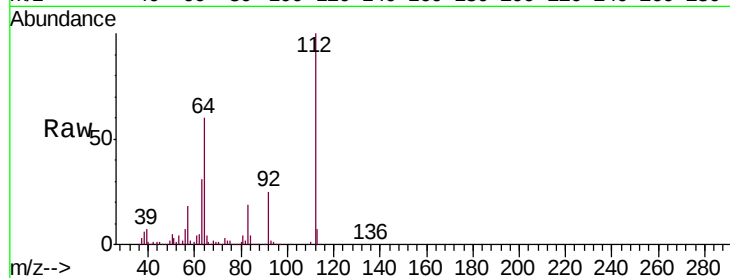
RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

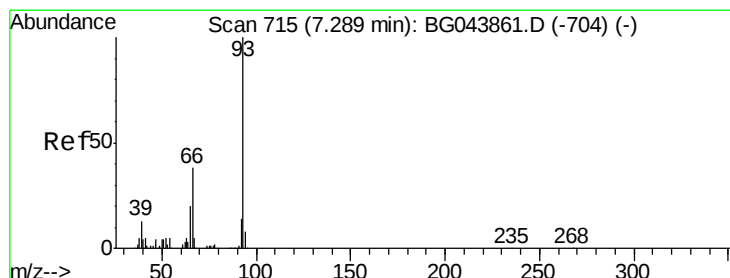
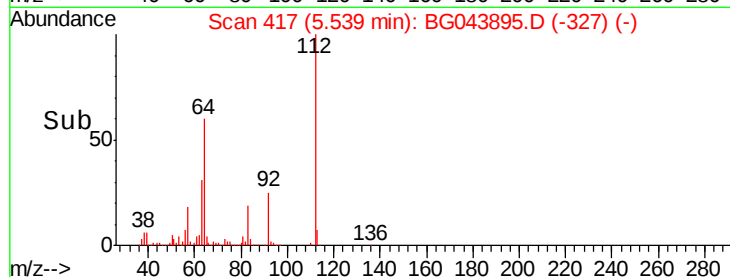
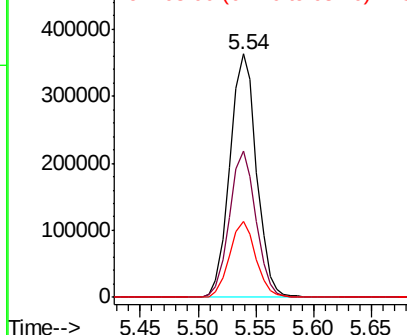
Lab File: BG043895.D

Acq: 3 Jan 2020 19:54

Tgt Ion:	112	Resp:	579554
Ion	Ratio	Lower	Upper
112	100		
64	60.3	47.8	71.6
63	31.1	24.3	36.5



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 15.565 ng

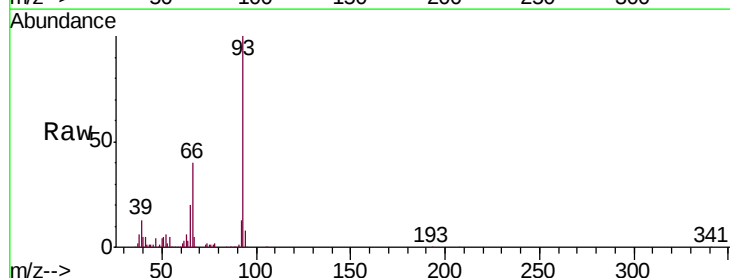
RT: 7.28 min Scan# 714

Delta R.T. -0.00 min

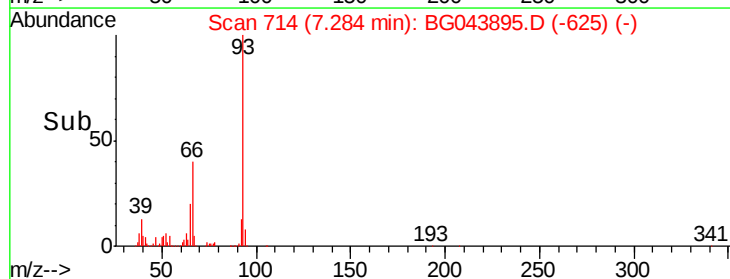
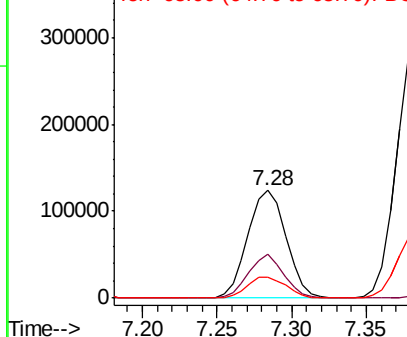
Lab File: BG043895.D

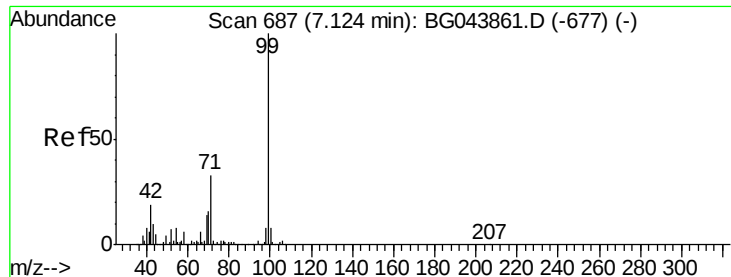
Acq: 3 Jan 2020 19:54

Tgt Ion:	93	Resp:	220727
Ion	Ratio	Lower	Upper
93	100		
66	40.4	30.8	46.2
65	19.7	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: 47.368 ng

RT: 7.13 min Scan# 687

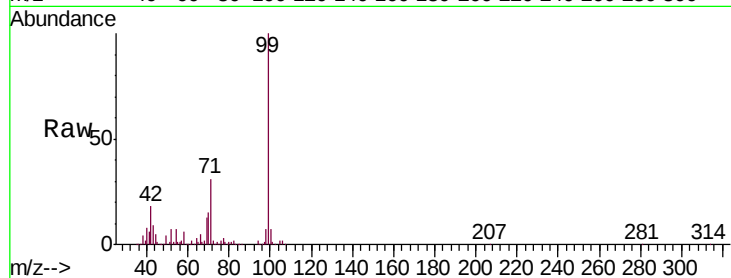
Delta R.T. 0.00 min

Lab File: BG043895.D

Acq: 3 Jan 2020 19:54

Tgt Ion: 99 Resp: 511409

Ion	Ratio	Lower	Upper
99	100		
42	18.4	14.9	22.3
71	31.0	26.4	39.6

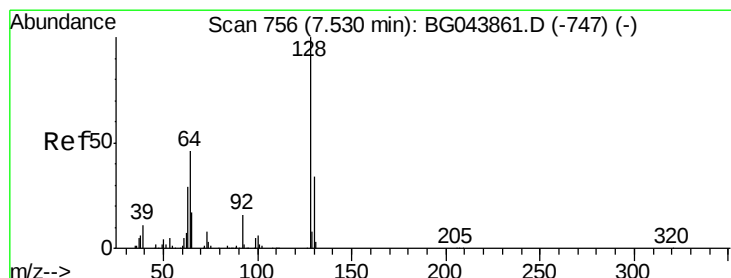
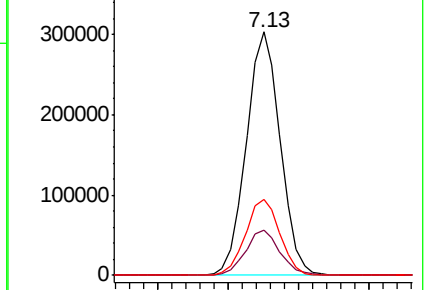
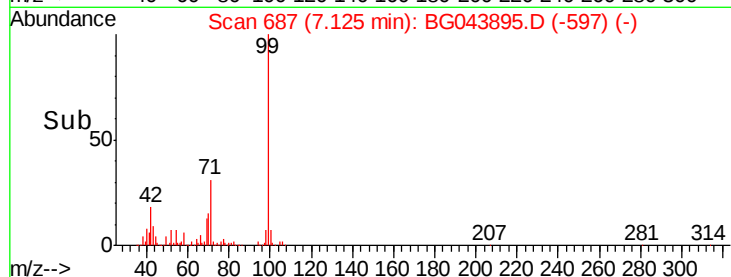


Abundance

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: 44.579 ng

RT: 7.53 min Scan# 756

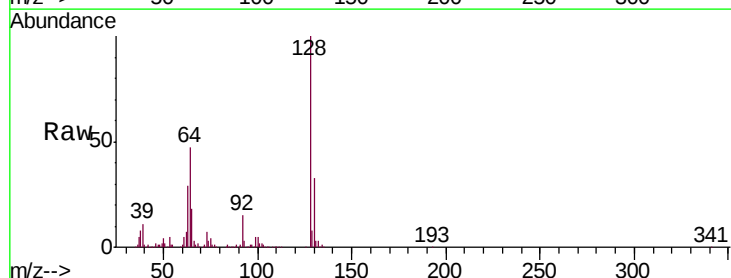
Delta R.T. 0.00 min

Lab File: BG043895.D

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Tgt Ion: 128 Resp: 404228

Ion	Ratio	Lower	Upper
128	100		
130	33.0	13.8	53.8
64	46.6	27.6	67.6

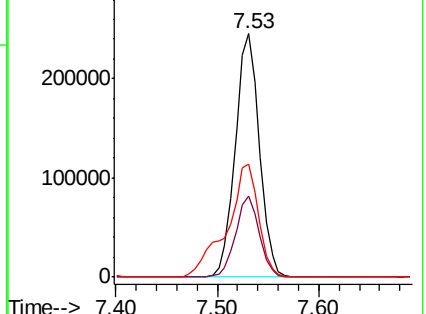
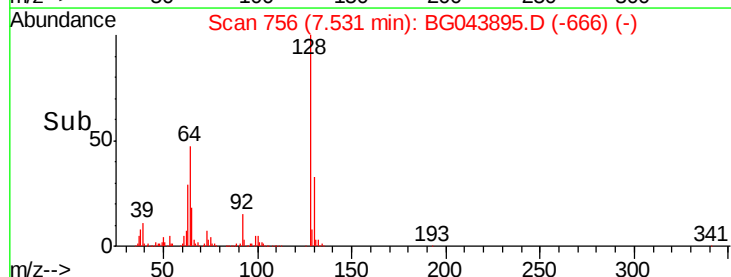


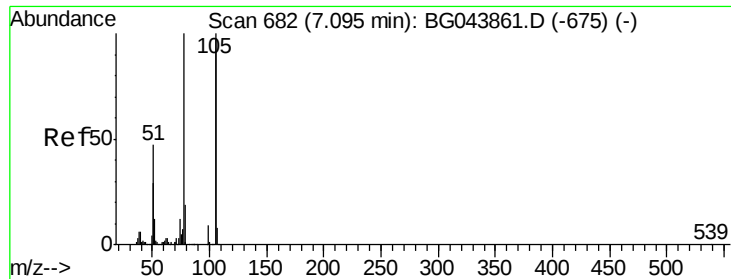
Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 49.229 ng

RT: 7.10 min Scan# 682

Delta R.T. 0.00 min

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Acq: 3 Jan 2020 19:54

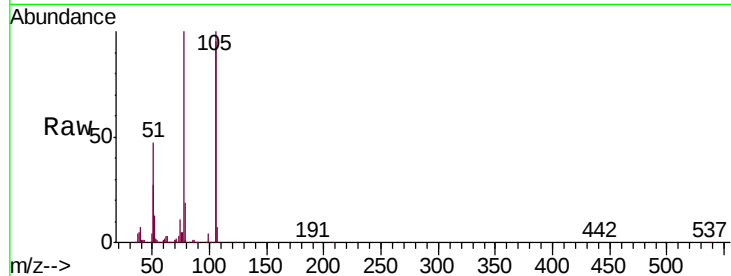
Tgt Ion: 77 Resp: 340176

Ion Ratio Lower Upper

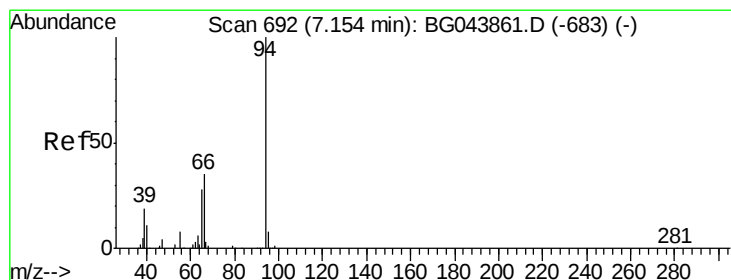
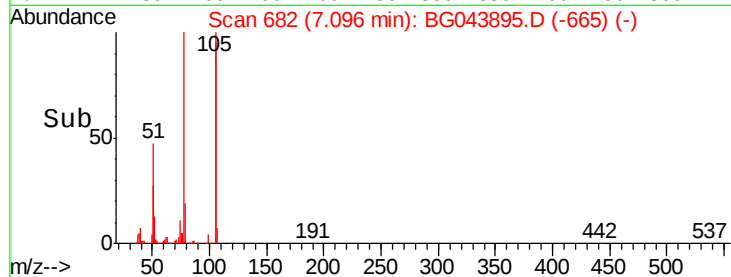
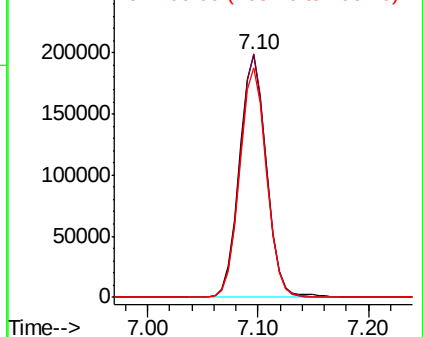
77 100

105 100.3 80.2 120.2

106 94.8 77.2 117.2



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



#10

Phenol

Concen: 19.058 ng

RT: 7.15 min Scan# 692

Delta R.T. 0.00 min

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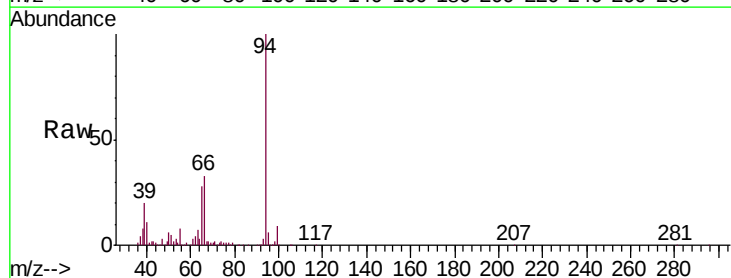
Tgt Ion: 94 Resp: 211998

Ion Ratio Lower Upper

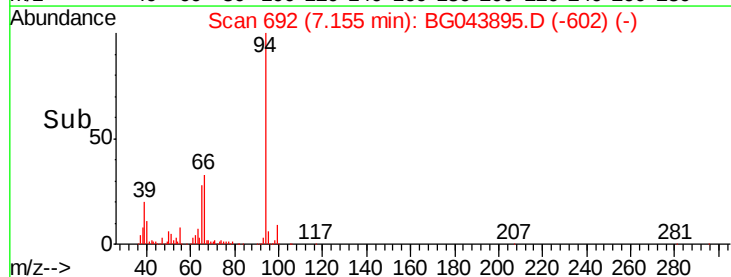
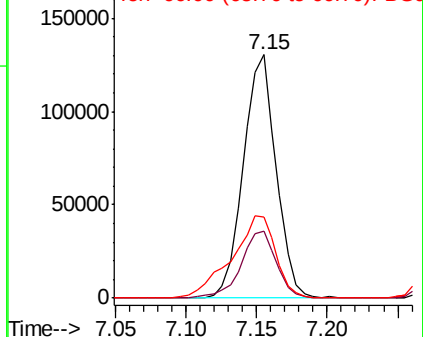
94 100

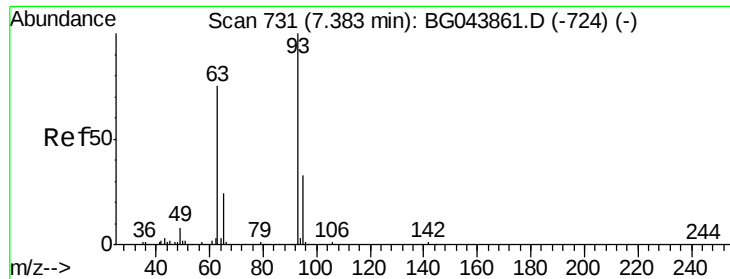
65 27.7 8.1 48.1

66 33.1 15.6 55.6



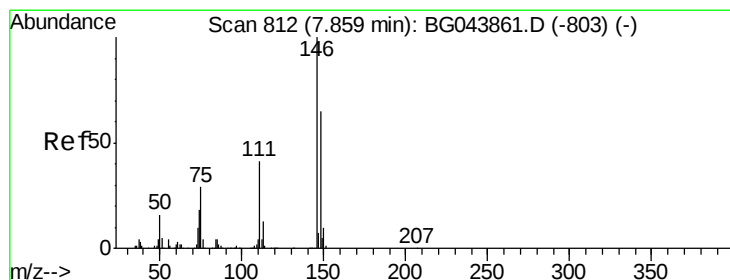
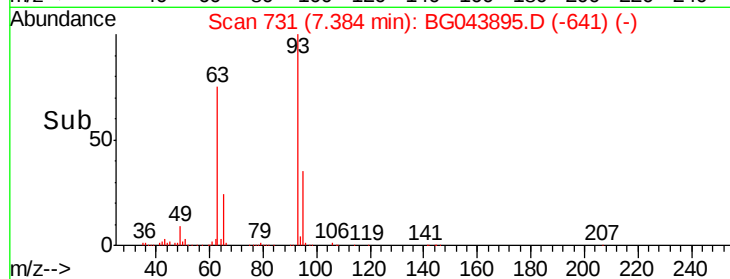
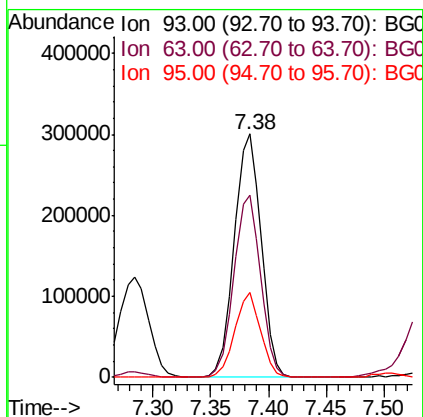
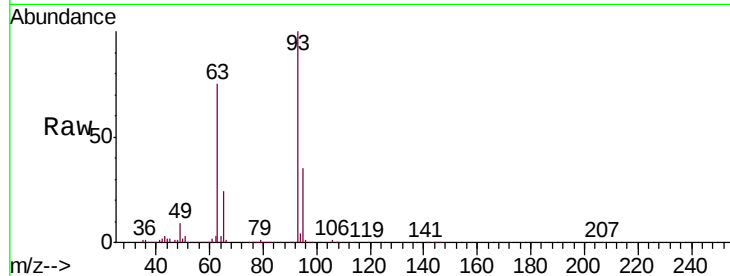
Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





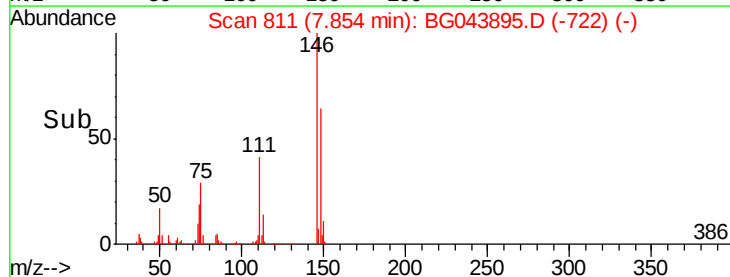
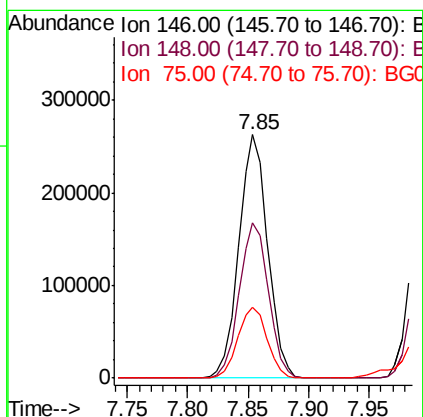
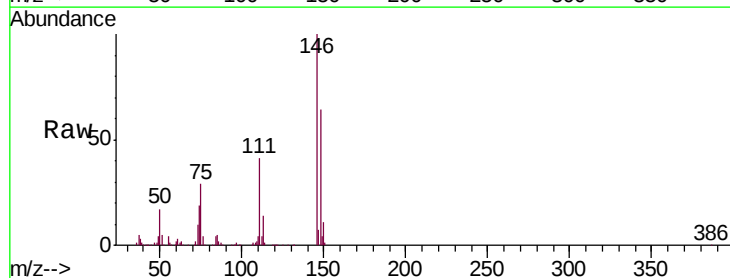
#11
bis(2-Chloroethyl)ether
Concen: 50.536 ng
RT: 7.38 min Scan# 731
Delta R.T. 0.00 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

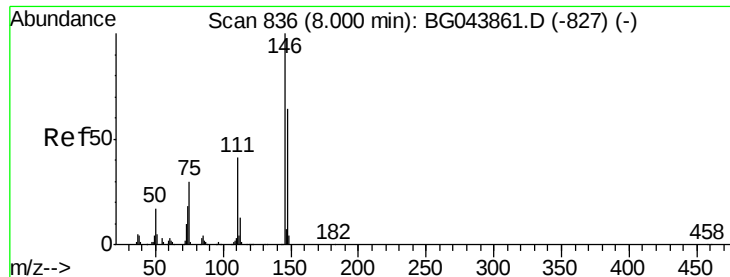
Tgt Ion:	93	Resp:	485254
Ion	Ratio	Lower	Upper
93	100		
63	75.0	55.0	95.0
95	35.1	13.3	53.3



#12
1,3-Dichlorobenzene
Concen: 41.147 ng
RT: 7.85 min Scan# 811
Delta R.T. -0.00 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

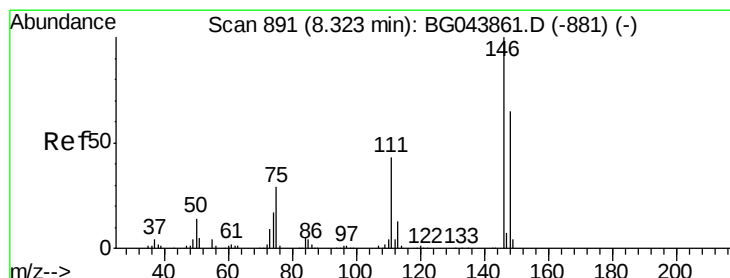
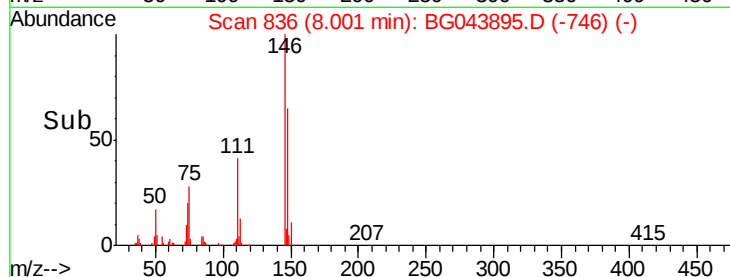
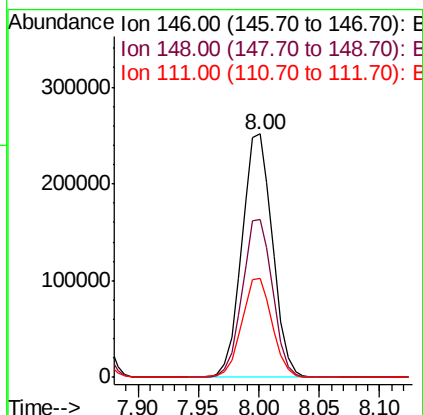
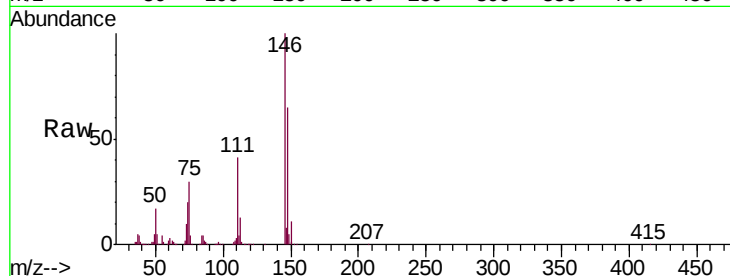
Tgt Ion:	146	Resp:	436609
Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.1	78.1
75	28.8	23.0	34.4





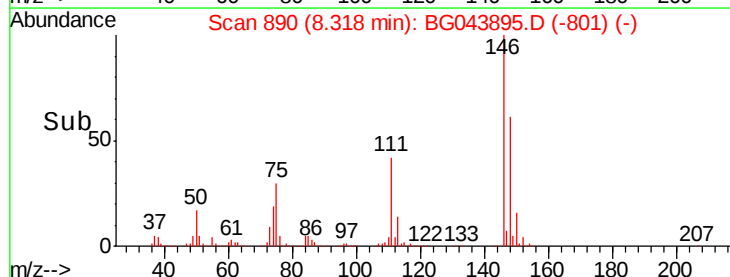
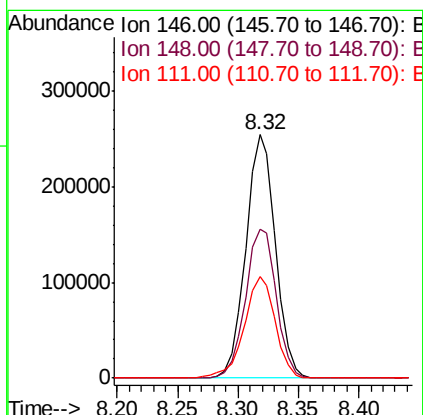
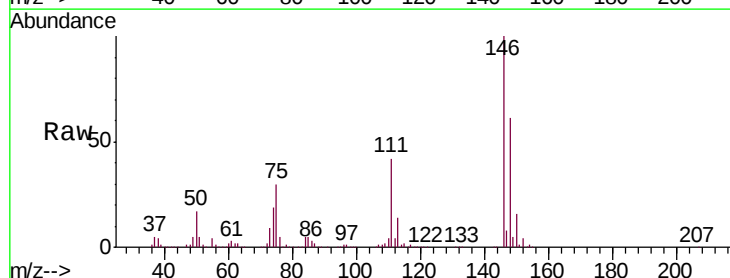
#13
1,4-Dichlorobenzene
Concen: 42.302 ng
RT: 8.00 min Scan# 836
Delta R.T. 0.00 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

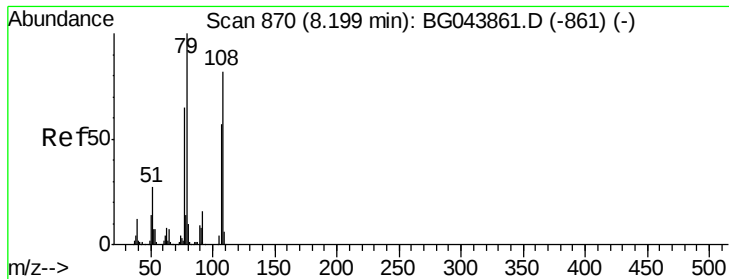
Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.2	76.8
111	40.6	33.1	49.7



#14
1,2-Dichlorobenzene
Concen: 43.057 ng
RT: 8.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.3	51.7	77.5
111	41.6	34.4	51.6





#15

Benzyl Alcohol

Concen: 33.699 ng

RT: 8.19 min Scan# 869

Delta R.T. -0.00 min

Lab File: BG043895.D

Acq: 3 Jan 2020 19:54

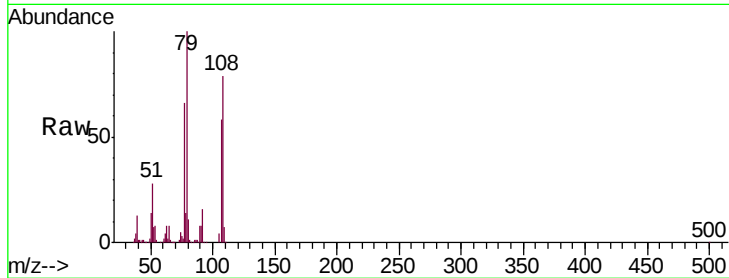
Tgt Ion: 79 Resp: 287148

Ion Ratio Lower Upper

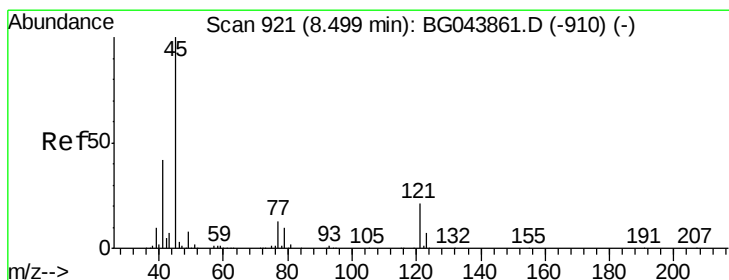
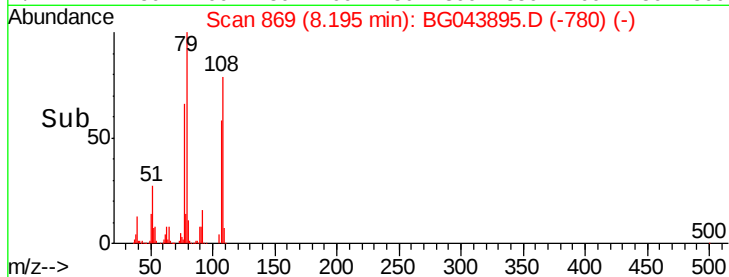
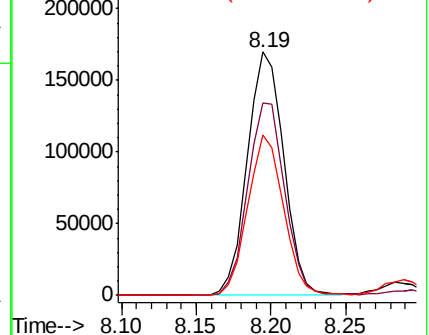
79 100

108 78.9 65.6 98.4

77 65.8 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: 46.483 ng

RT: 8.49 min Scan# 920

Delta R.T. -0.00 min

Lab File: BG043895.D

Acq: 3 Jan 2020 19:54

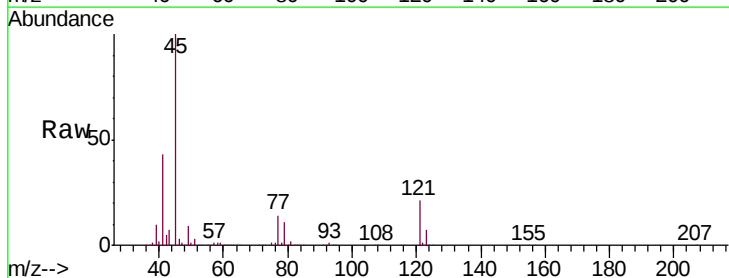
Tgt Ion: 45 Resp: 690521

Ion Ratio Lower Upper

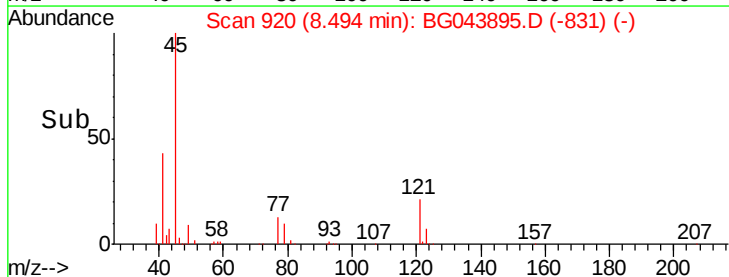
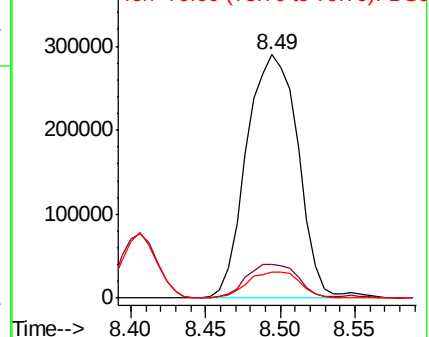
45 100

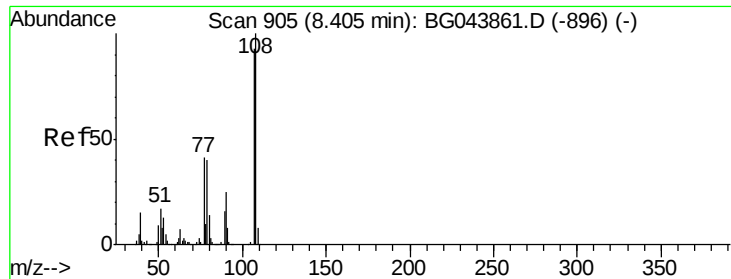
77 14.1 0.0 33.8

79 10.9 0.0 31.0



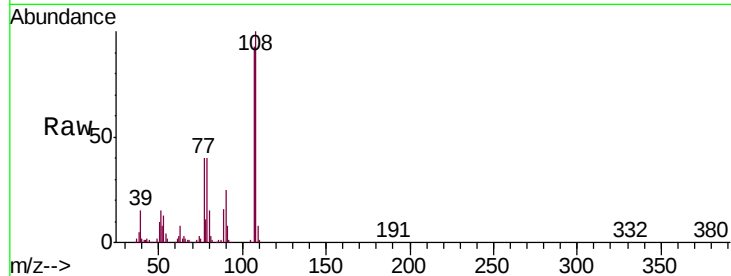
Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC



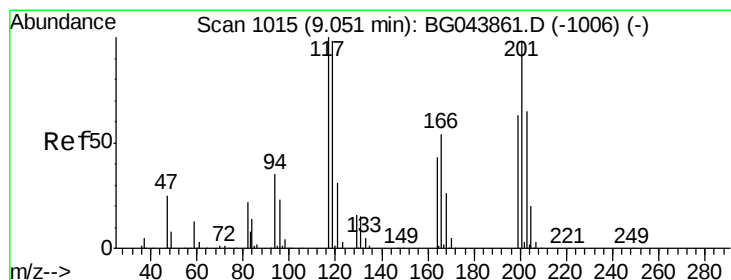
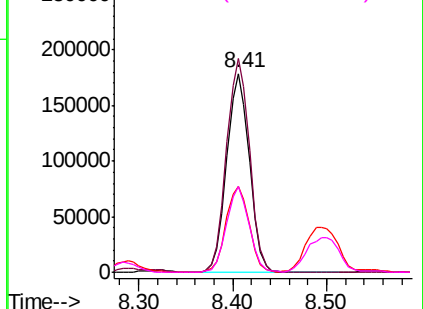
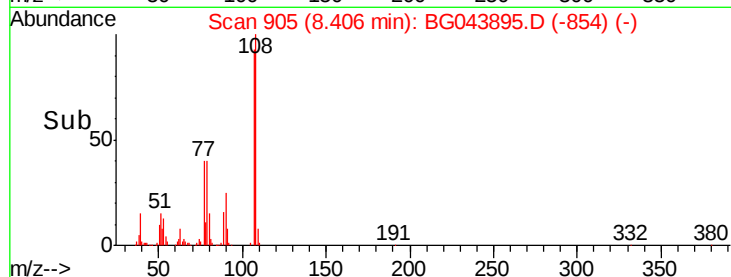


#17
2-Methylphenol
Concen: 37.216 ng
RT: 8.41 min Scan# 905
Delta R.T. 0.00 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

Tgt Ion:	107	Resp:	299587
Ion	Ratio	Lower	Upper
107	100		
108	107.5	86.1	129.1
77	43.1	35.4	53.0
79	43.4	34.8	52.2

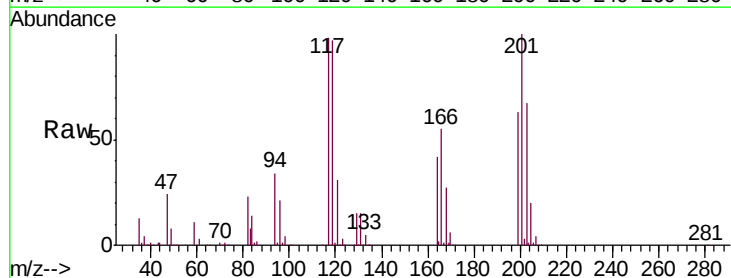


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

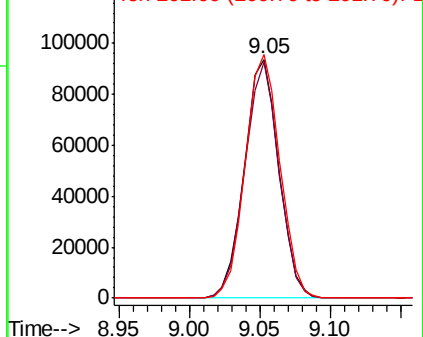
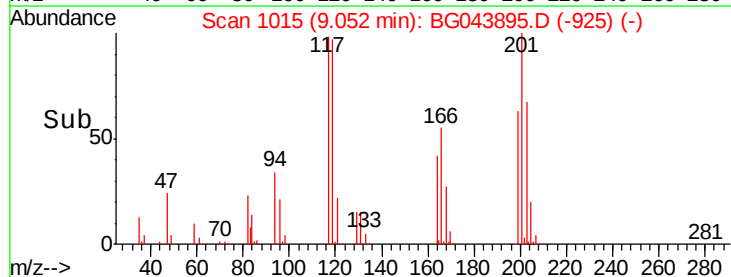


#18
Hexachloroethane
Concen: 39.550 ng
RT: 9.05 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

Tgt Ion:	117	Resp:	161120
Ion	Ratio	Lower	Upper
117	100		
119	98.8	78.1	117.1
201	101.9	78.6	117.8



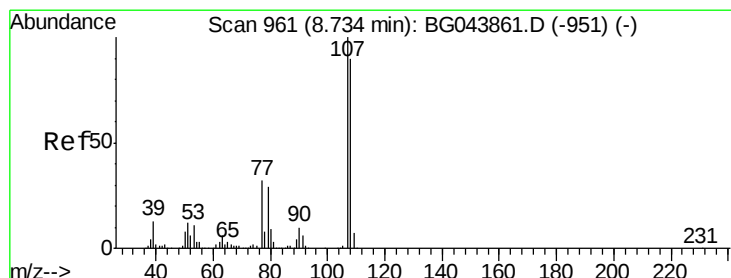
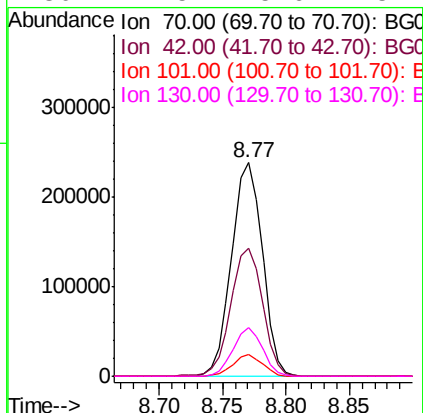
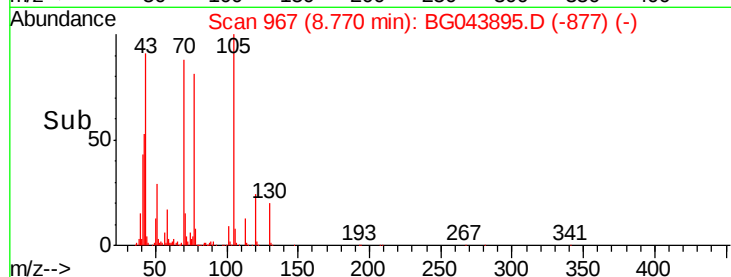
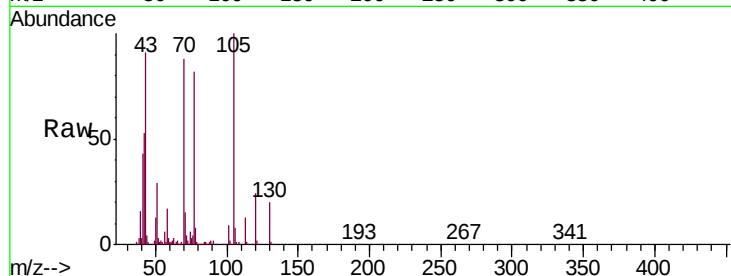
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





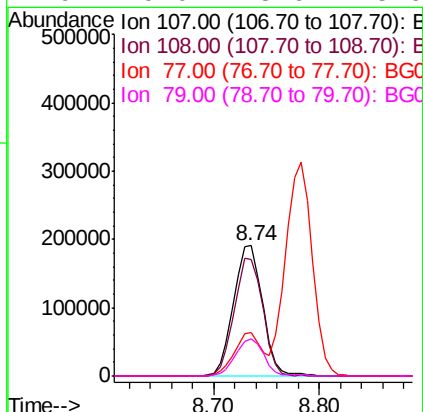
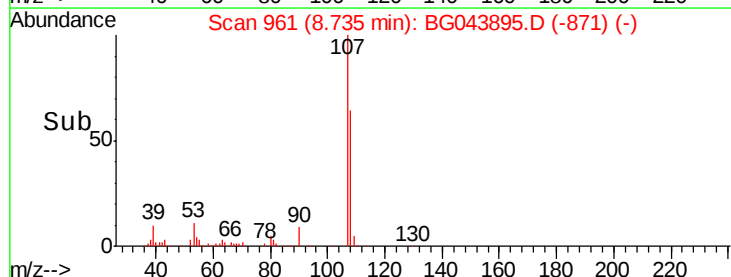
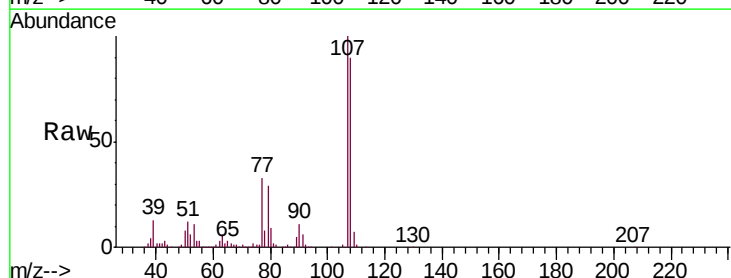
#19
n-Nitroso-di-n-propylamine
Concen: 49.951 ng
RT: 8.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

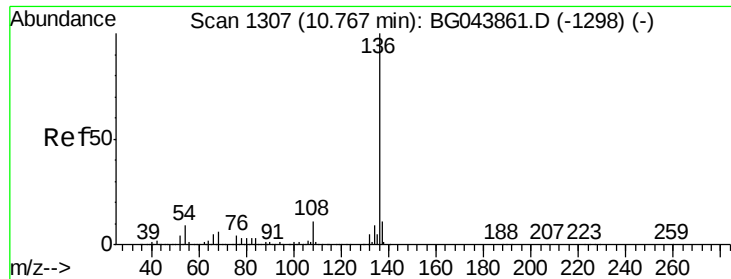
Tgt Ion:	70	Resp:	401624
Ion	Ratio	Lower	Upper
70	100		
42	59.9	47.0	70.4
101	10.1	7.2	10.8
130	22.5	15.6	23.4



#20
3+4-Methylphenols
Concen: 32.355 ng
RT: 8.74 min Scan# 961
Delta R.T. 0.00 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

Tgt Ion:	107	Resp:	363335
Ion	Ratio	Lower	Upper
107	100		
108	89.7	70.3	110.3
77	33.3	12.4	52.4
79	29.0	8.6	48.6





#21

Naphthalene-d8

Concen: 20.000 ng

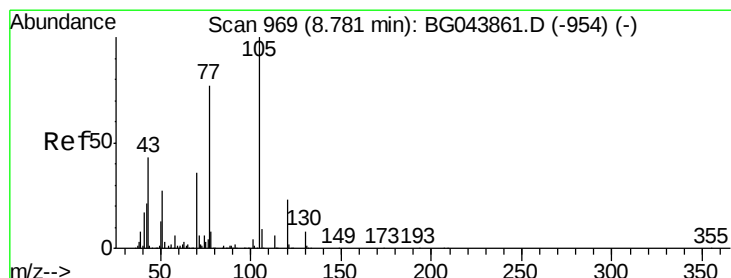
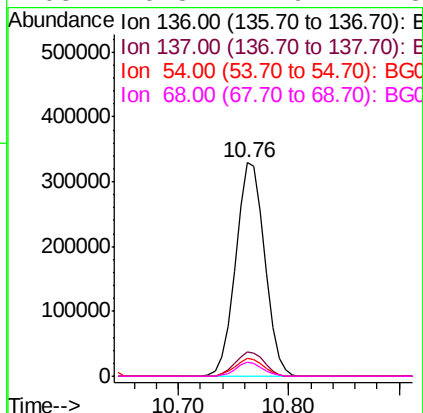
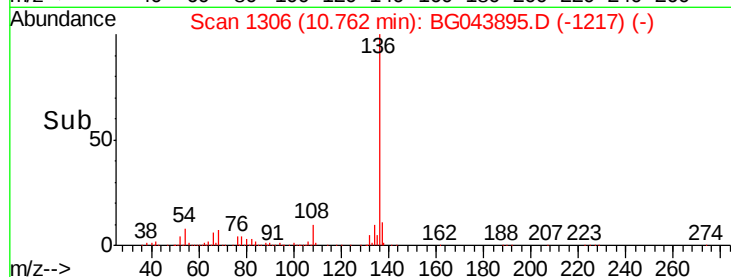
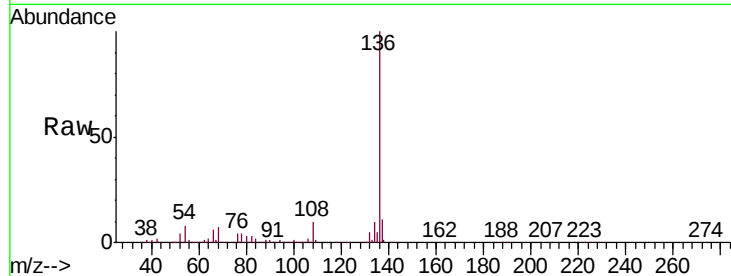
RT: 10.76 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BG043895.D

Acq: 3 Jan 2020 19:54

Tgt Ion:	136	Resp:	607709
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	8.2	7.0	10.4
68	6.8	4.9	7.3



#22

Acetophenone

Concen: 46.702 ng

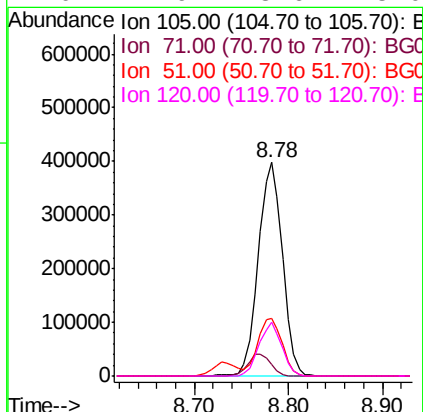
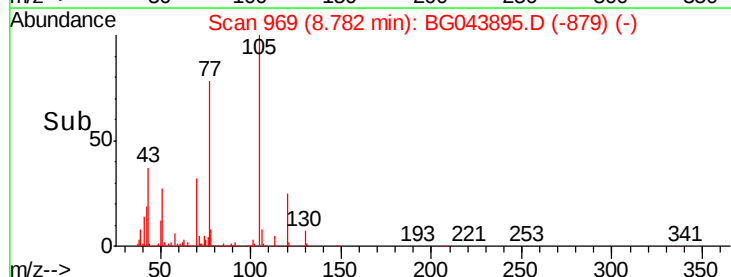
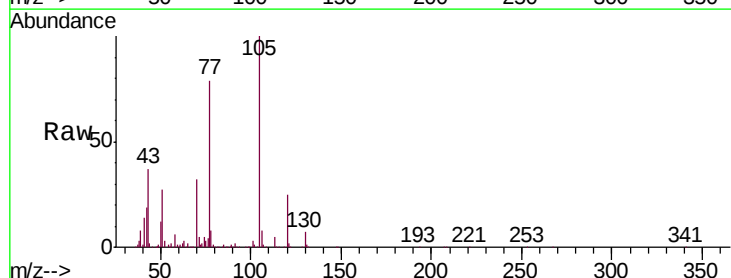
RT: 8.78 min Scan# 969

Delta R.T. 0.00 min

Lab File: BG043895.D

Acq: 3 Jan 2020 19:54

Tgt Ion:	105	Resp:	705579
Ion	Ratio	Lower	Upper
105	100		
71	5.2	4.8	7.2
51	26.9	21.4	32.0
120	24.9	18.6	28.0





#23

Nitrobenzene-d5

Concen: 92.770 ng

RT: 9.12 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BG043895.D

Acq: 3 Jan 2020 19:54

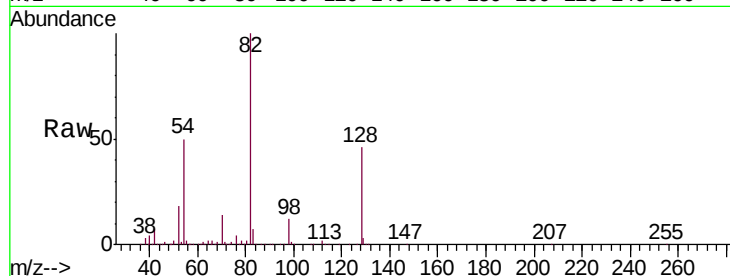
Tgt Ion: 82 Resp: 1053863

Ion Ratio Lower Upper

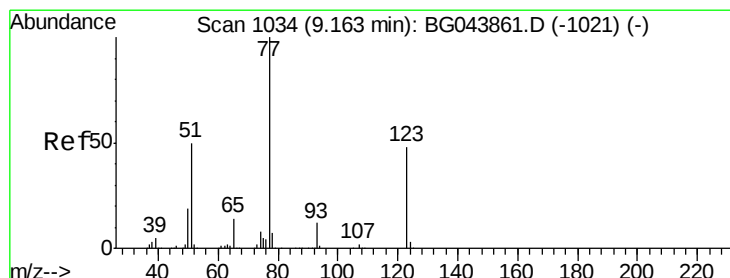
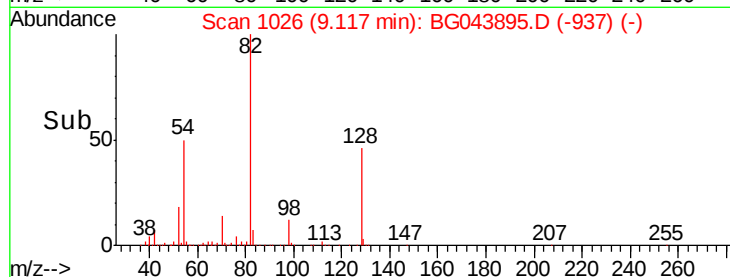
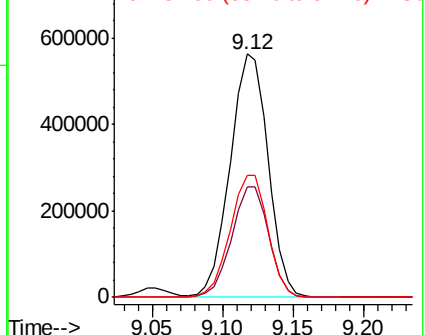
82 100

128 45.6 35.1 52.7

54 50.1 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: 48.584 ng

RT: 9.16 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BG043895.D

Acq: 3 Jan 2020 19:54

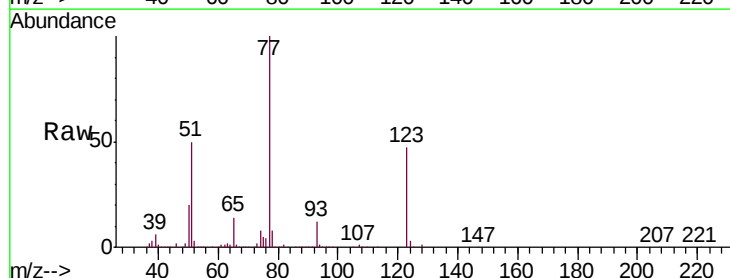
Tgt Ion: 77 Resp: 546631

Ion Ratio Lower Upper

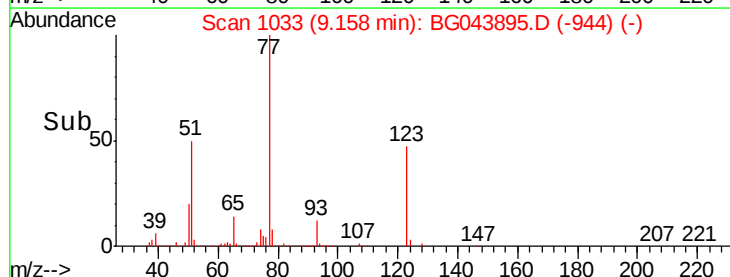
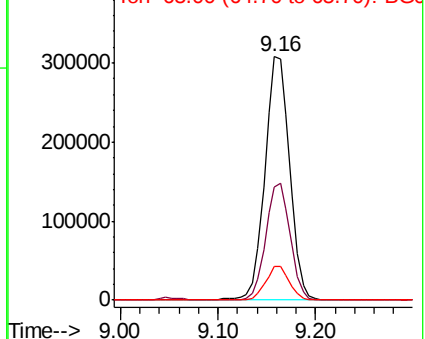
77 100

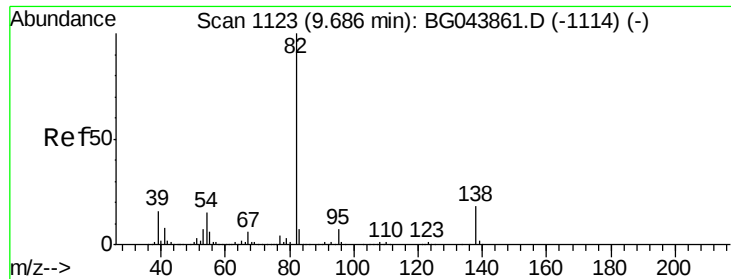
123 46.6 38.7 58.1

65 13.6 11.1 16.7



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





#25

Isophorone

Concen: 50.799 ng

RT: 9.69 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BG043895.D

Acq: 3 Jan 2020 19:54

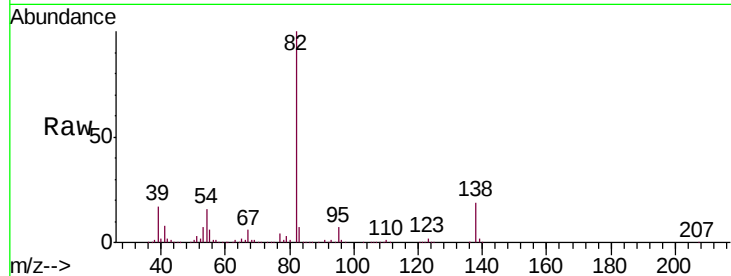
Tgt Ion: 82 Resp: 1082639

Ion Ratio Lower Upper

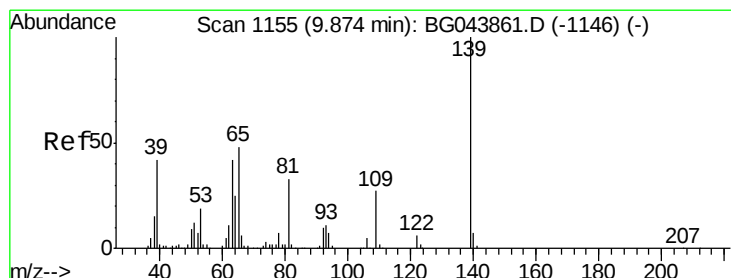
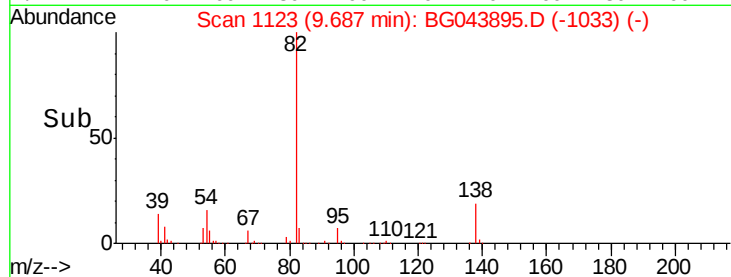
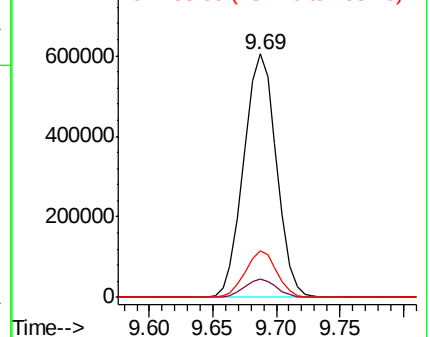
82 100

95 7.3 5.8 8.6

138 19.1 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: 51.516 ng

RT: 9.88 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BG043895.D

Acq: 3 Jan 2020 19:54

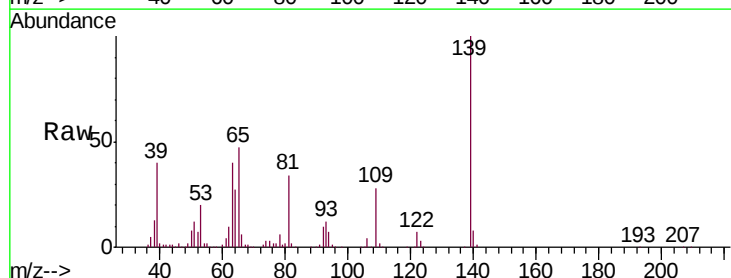
Tgt Ion: 139 Resp: 274222

Ion Ratio Lower Upper

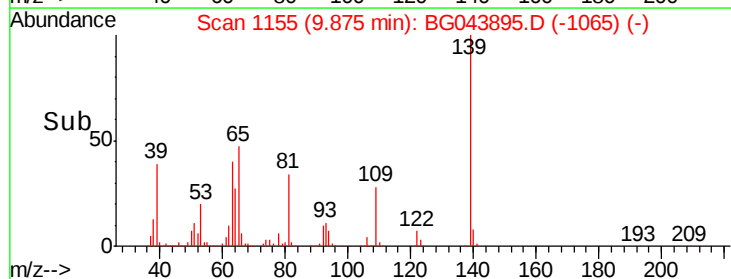
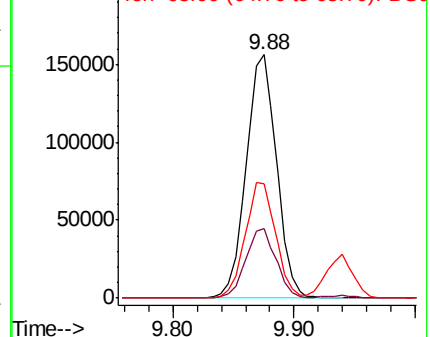
139 100

109 28.5 21.3 31.9

65 46.9 38.6 57.8



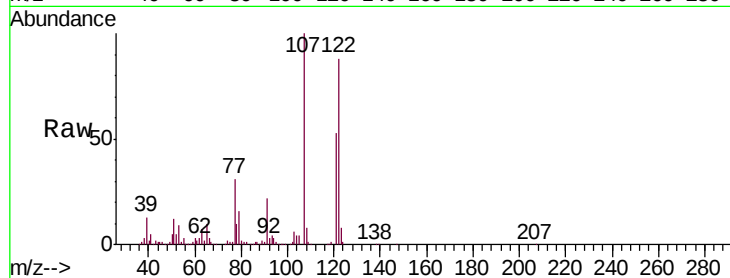
Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#27
2,4-Dimethylphenol
Concen: 54.077 ng
RT: 9.94 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

Tgt Ion	Ratio	Lower	Upper
122	100		
107	113.3	88.0	132.0
121	60.1	49.0	73.4

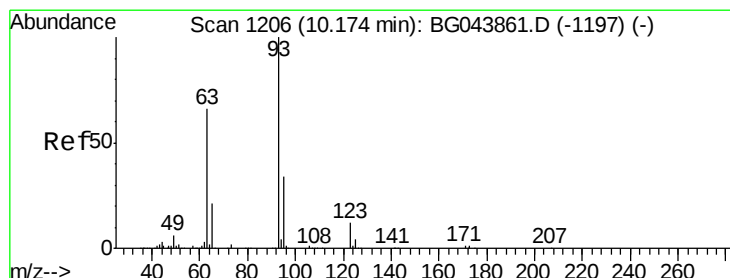
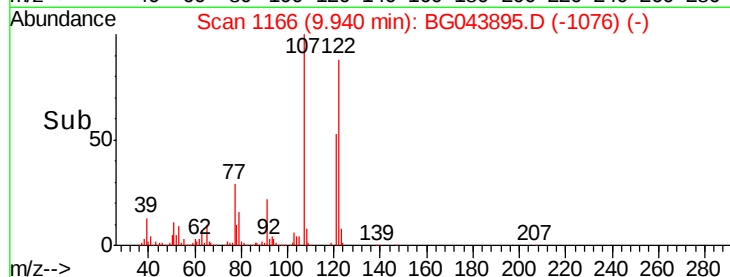
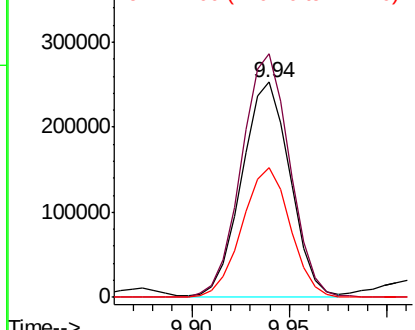


Abundance

Ion 122.00 (121.70 to 122.70): E

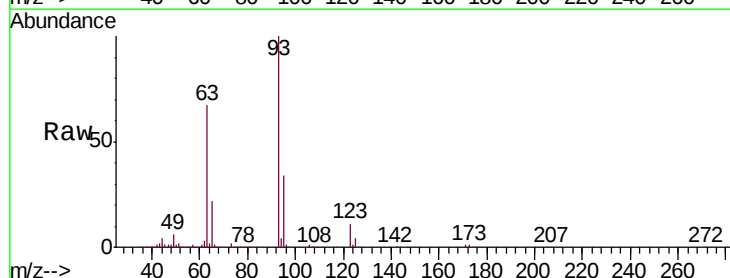
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 48.289 ng
RT: 10.17 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.3	27.2	40.8
123	11.4	9.7	14.5

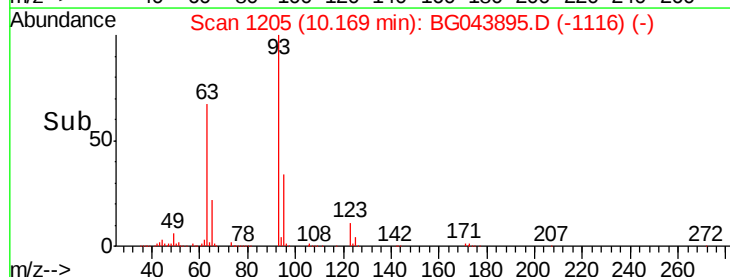
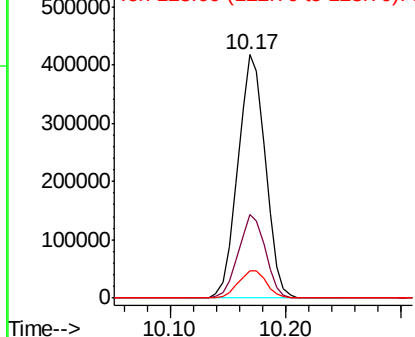


Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

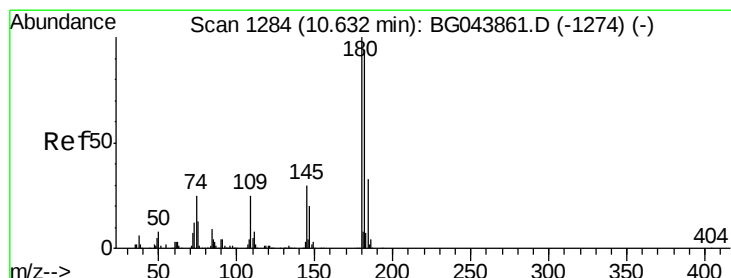
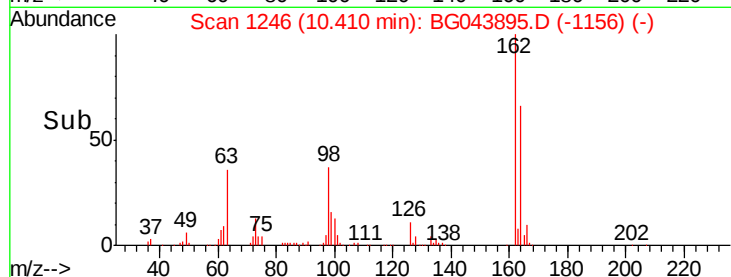
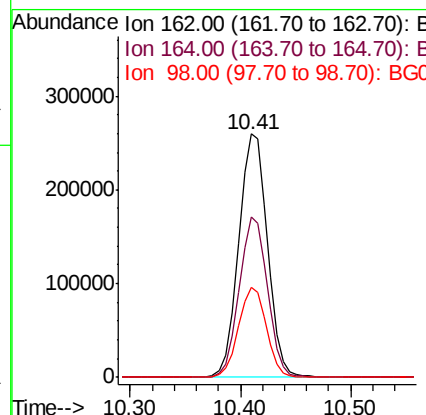
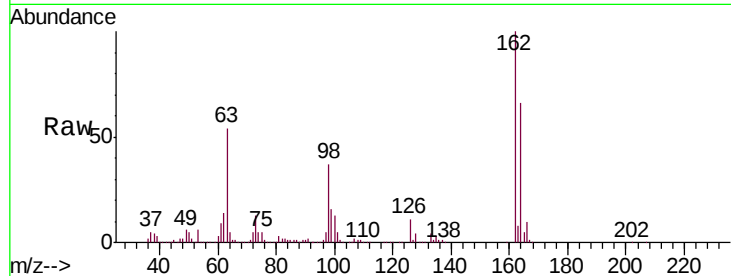
Ion 123.00 (122.70 to 123.70): E





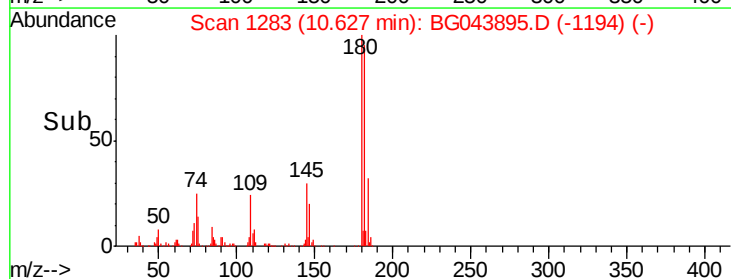
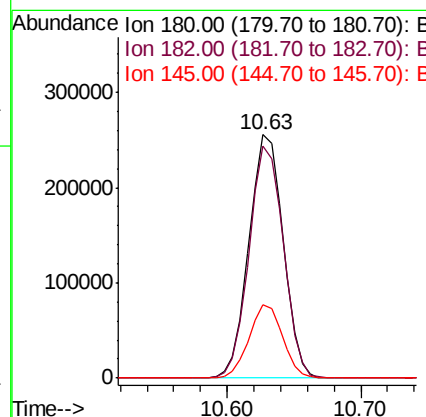
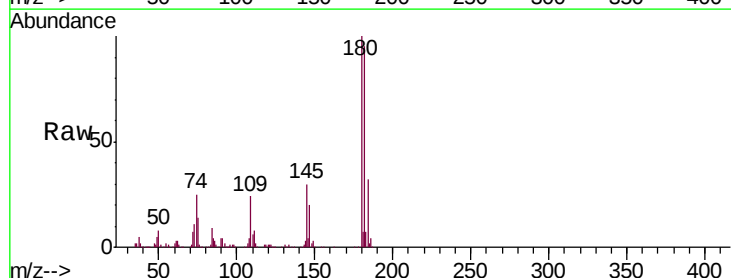
#29
2,4-Dichlorophenol
Concen: 49.591 ng
RT: 10.41 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

Tgt Ion:	162	Resp:	473986
Ion	Ratio	Lower	Upper
162	100		
164	65.6	46.3	86.3
98	37.2	17.3	57.3



#30
1,2,4-Trichlorobenzene
Concen: 42.148 ng
RT: 10.63 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

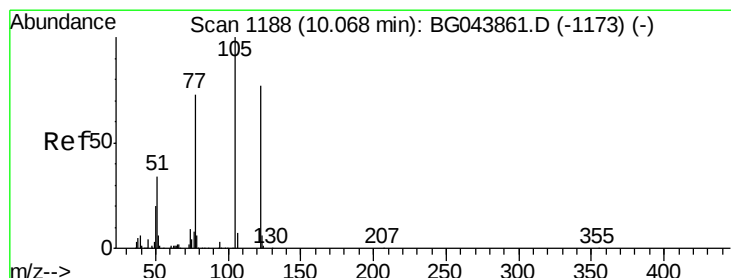
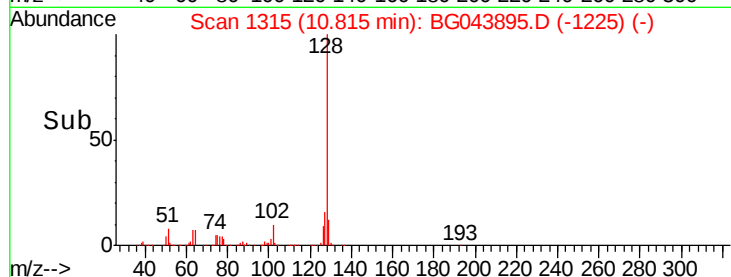
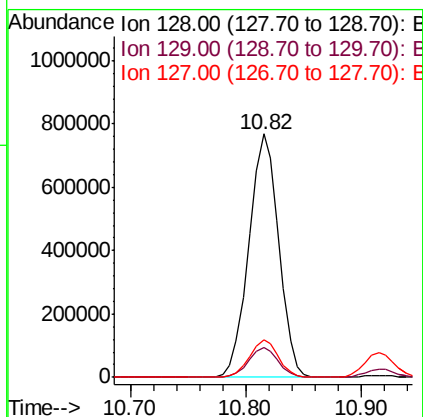
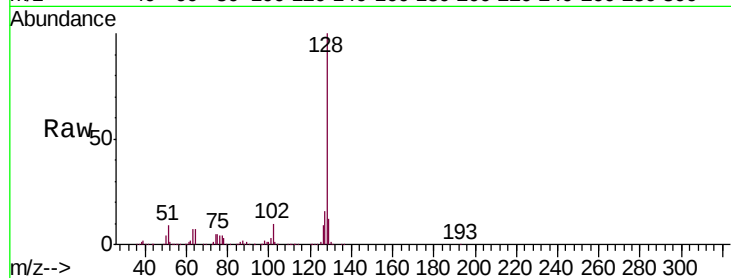
Tgt Ion:	180	Resp:	451696
Ion	Ratio	Lower	Upper
180	100		
182	95.5	75.0	112.4
145	30.2	24.2	36.4





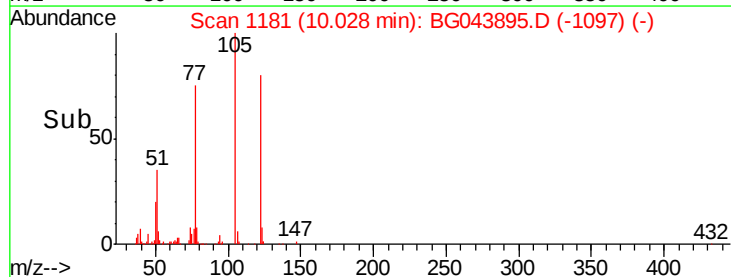
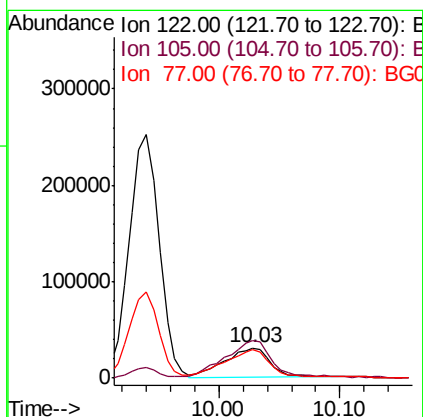
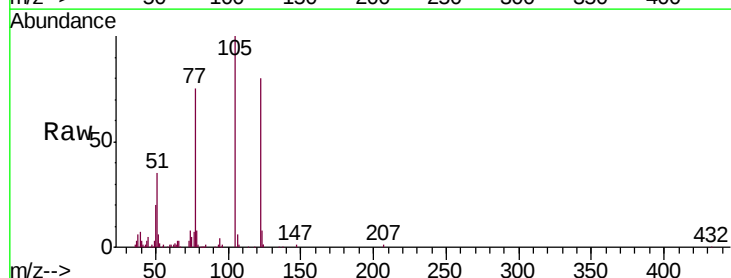
#31
Naphthalene
Concen: 46.969 ng
RT: 10.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

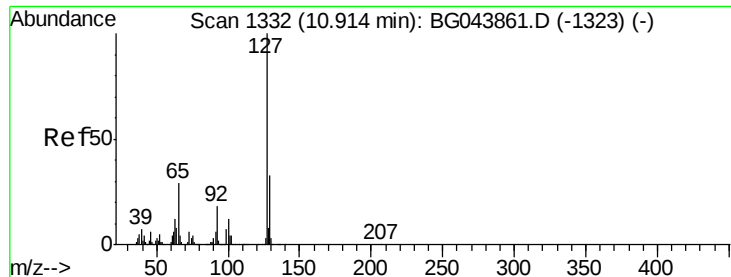
Tgt Ion:128 Resp: 1381272
Ion Ratio Lower Upper
128 100
129 12.2 9.8 14.6
127 15.6 12.0 18.0



#32
Benzoic acid
Concen: 16.959 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.04 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

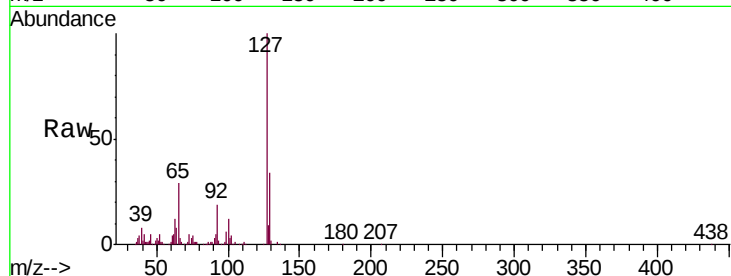
Tgt Ion:122 Resp: 80274
Ion Ratio Lower Upper
122 100
105 125.5 106.4 146.4
77 94.7 74.6 114.6



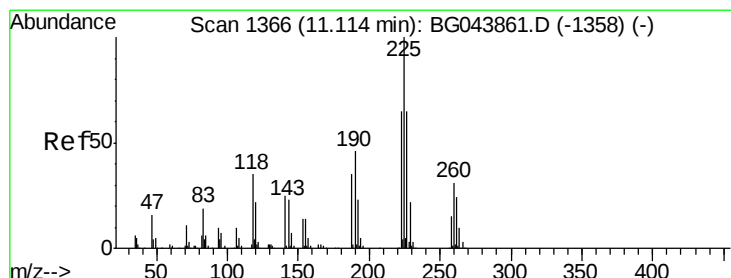
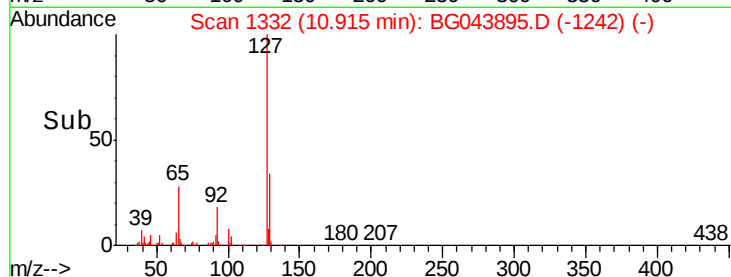
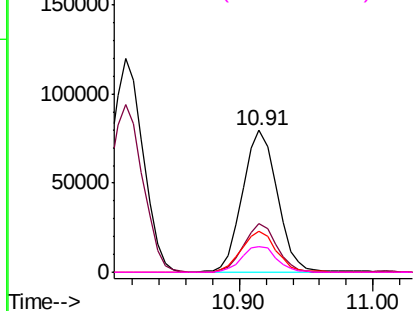


#33
4-Chloroaniline
Concen: 10.177 ng
RT: 10.91 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

Tgt Ion:	127	Resp:	142747
Ion	Ratio	Lower	Upper
127	100		
129	34.3	26.6	40.0
65	28.6	23.3	34.9
92	18.5	14.7	22.1

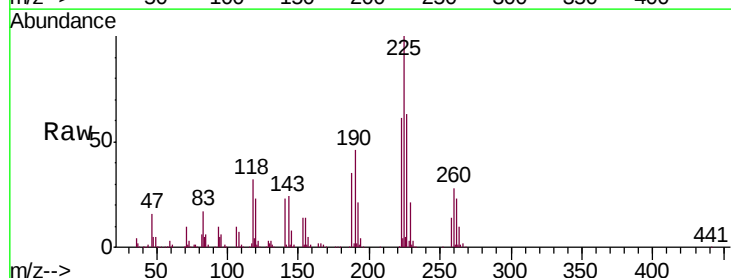


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

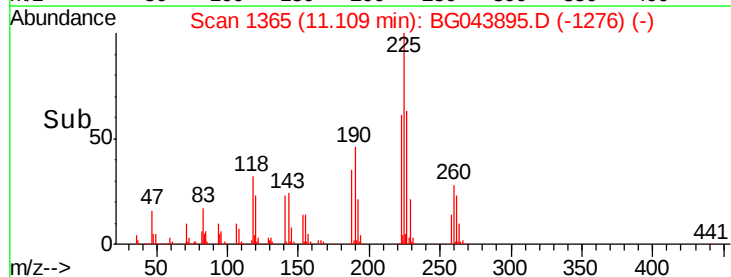
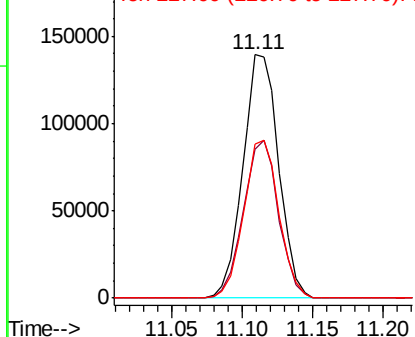


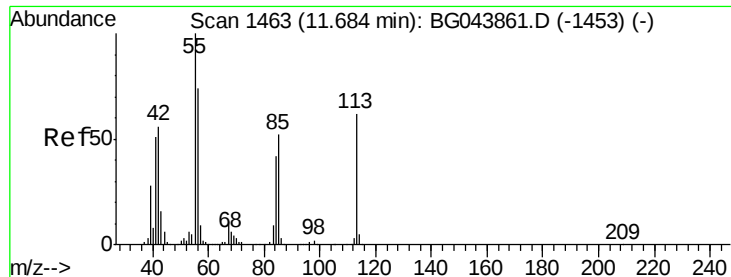
#34
Hexachlorobutadiene
Concen: 37.688 ng
RT: 11.11 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

Tgt Ion:	225	Resp:	246600
Ion	Ratio	Lower	Upper
225	100		
223	61.4	52.2	78.4
227	63.5	52.1	78.1



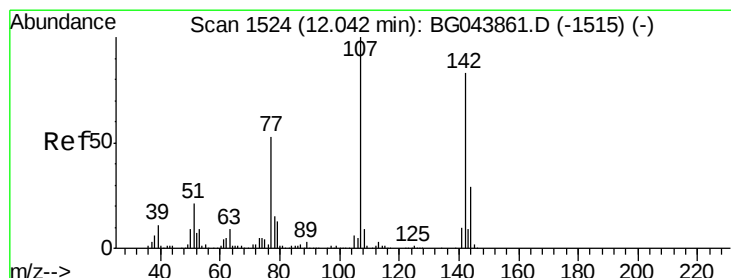
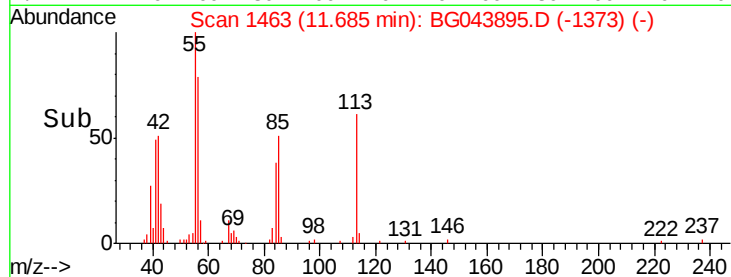
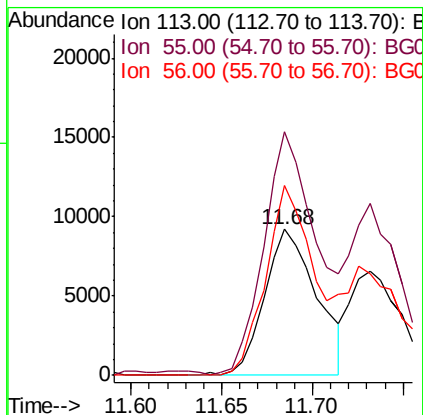
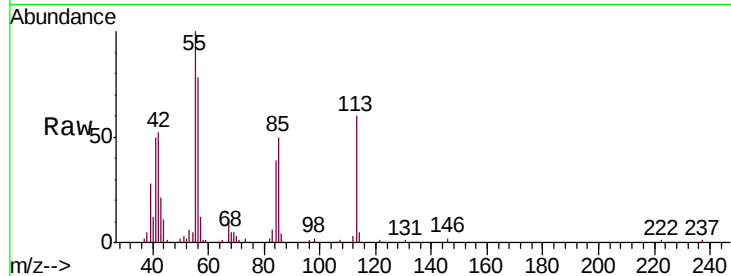
Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





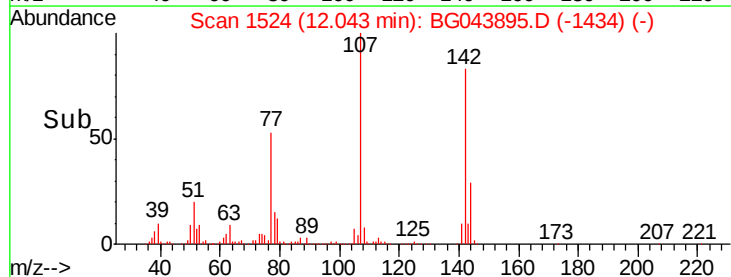
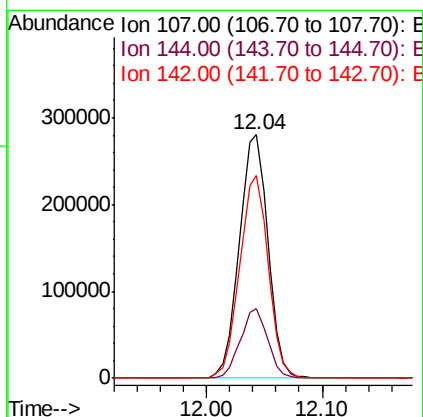
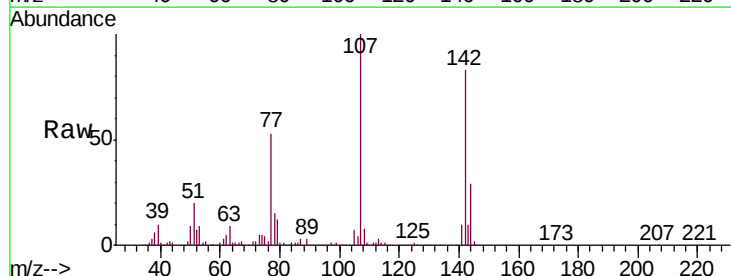
#35
 Caprolactam
 Concen: 5.180 ng
 RT: 11.68 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: BG043895.D
 Acq: 3 Jan 2020 19:54

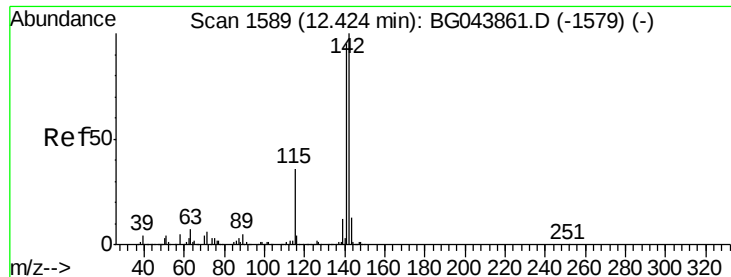
Tgt Ion: 113 Resp: 18431
 Ion Ratio Lower Upper
 113 100
 55 166.9 142.5 182.5
 56 130.2 101.4 141.4



#36
 4-Chloro-3-methylphenol
 Concen: 47.502 ng
 RT: 12.04 min Scan# 1524
 Delta R.T. 0.00 min
 Lab File: BG043895.D
 Acq: 3 Jan 2020 19:54

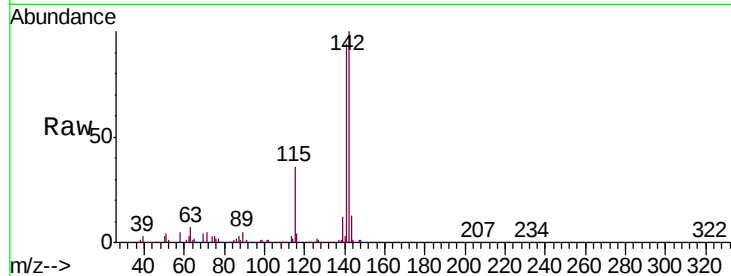
Tgt Ion: 107 Resp: 483330
 Ion Ratio Lower Upper
 107 100
 144 28.6 23.4 35.2
 142 83.1 66.3 99.5



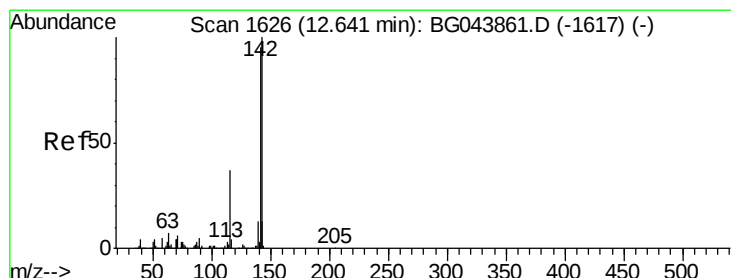
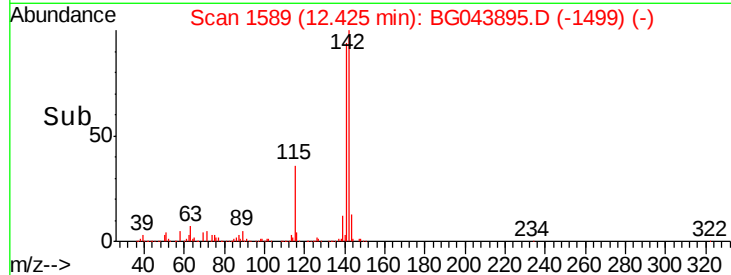
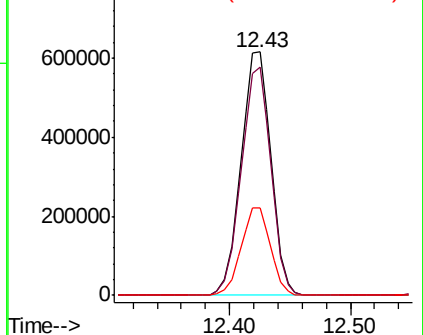


#37
2-Methylnaphthalene
Concen: 48.160 ng
RT: 12.43 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

Tgt Ion:142 Resp: 1066261
Ion Ratio Lower Upper
142 100
141 93.6 75.8 113.8
115 36.2 28.6 42.8

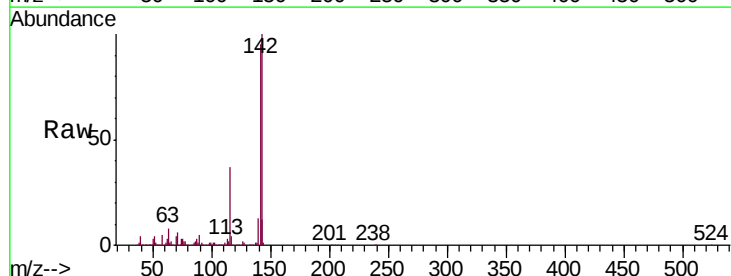


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

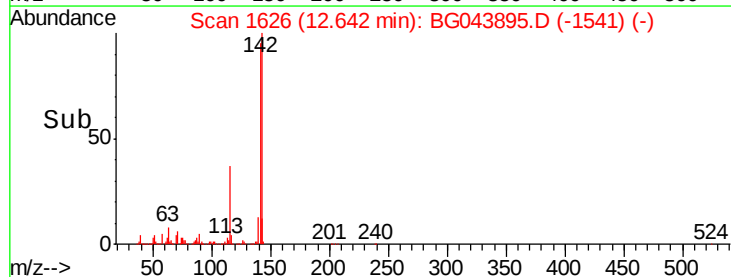
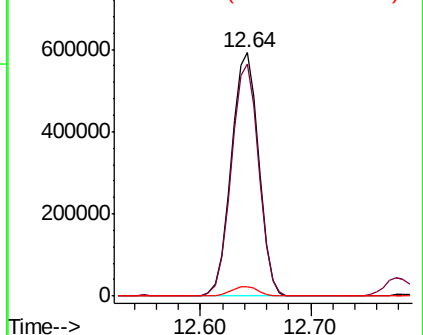


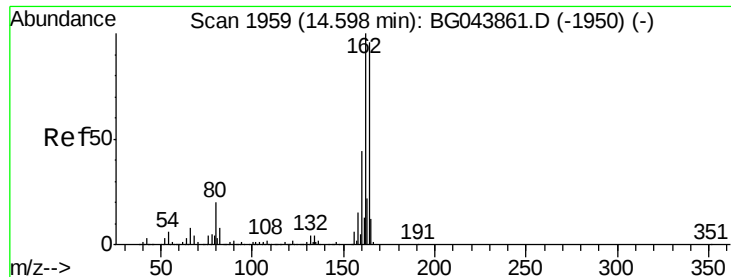
#38
1-Methylnaphthalene
Concen: 48.957 ng
RT: 12.64 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

Tgt Ion:142 Resp: 1027292
Ion Ratio Lower Upper
142 100
141 95.3 76.0 114.0
116 3.8 3.1 4.7



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





#39

Acenaphthene-d10

Concen: 20.000 ng

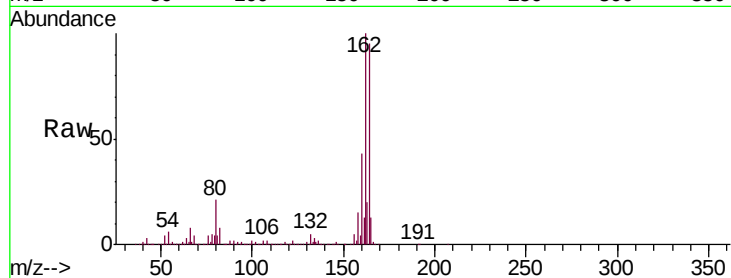
RT: 14.59 min Scan# 1958

Delta R.T. -0.00 min

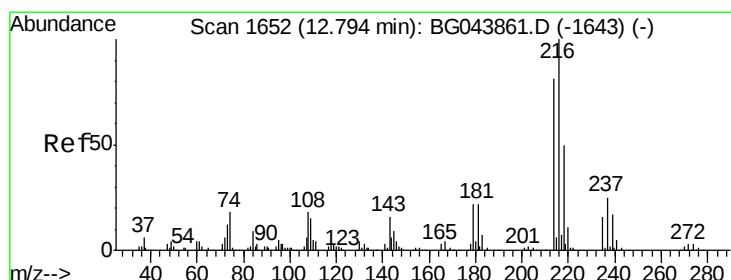
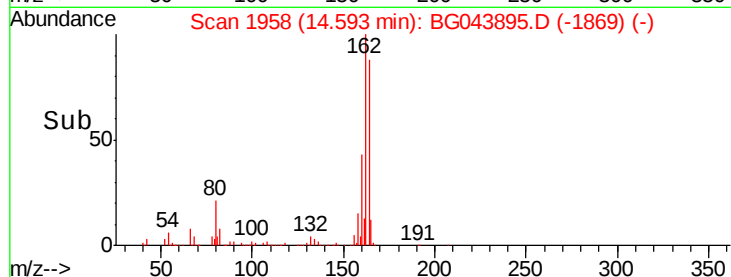
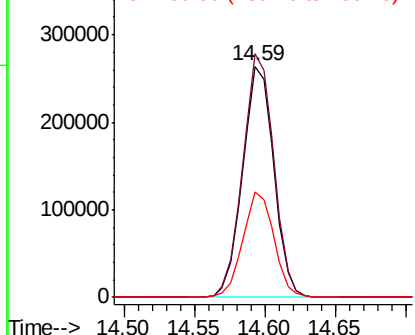
Lab File: BG043895.D

Acq: 3 Jan 2020 19:54

Tgt Ion:	164	Resp:	407983
Ion	Ratio	Lower	Upper
164	100		
162	105.3	83.0	124.4
160	45.3	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: 43.237 ng

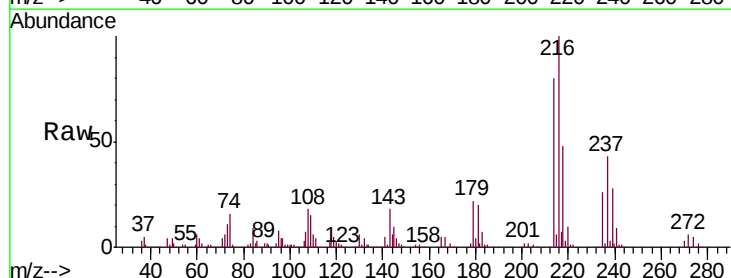
RT: 12.80 min Scan# 1652

Delta R.T. 0.00 min

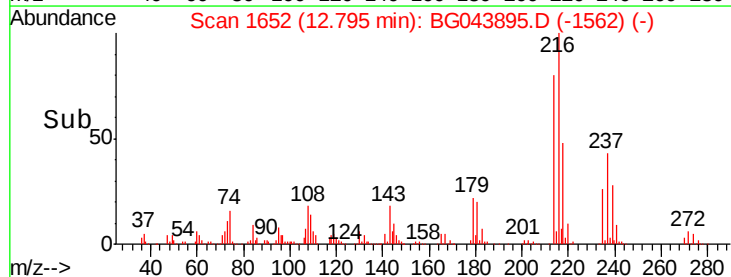
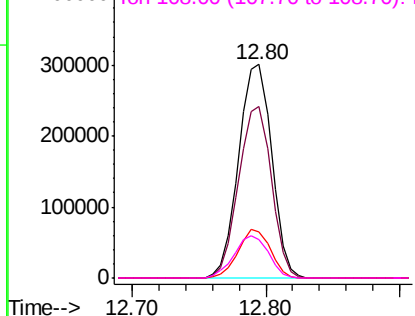
Lab File: BG043895.D

Acq: 3 Jan 2020 19:54

Tgt Ion:	216	Resp:	517026
Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.8	95.8
179	22.1	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: 93.922 ng

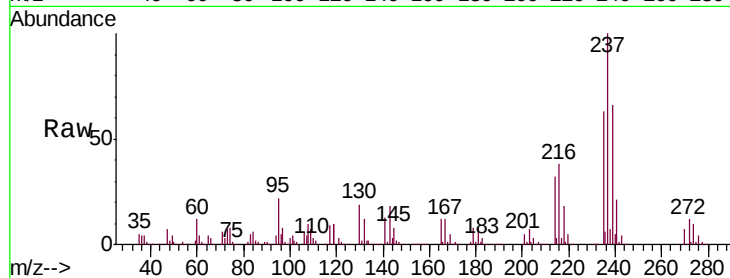
RT: 12.78 min Scan# 1649

Delta R.T. -0.00 min

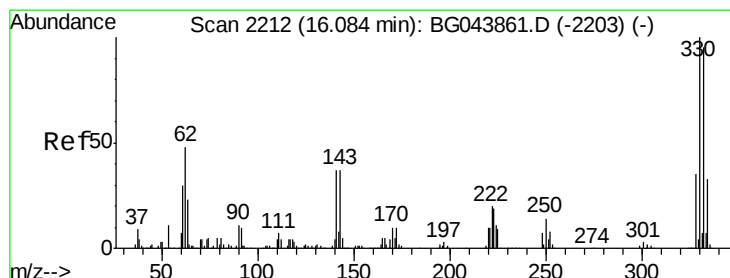
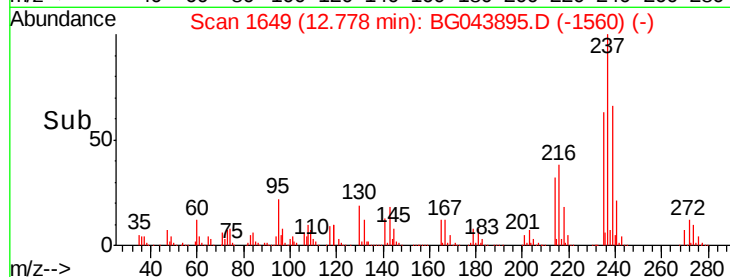
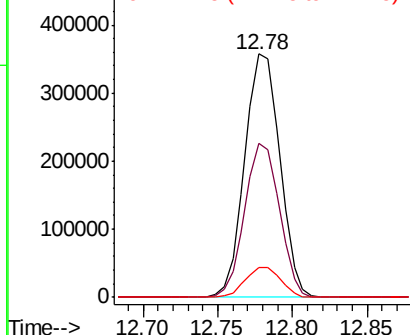
Lab File: BG043895.D

Acq: 3 Jan 2020 19:54

Tgt Ion:	237	Resp:	582268
Ion	Ratio	Lower	Upper
237	100		
235	63.3	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: 153.061 ng

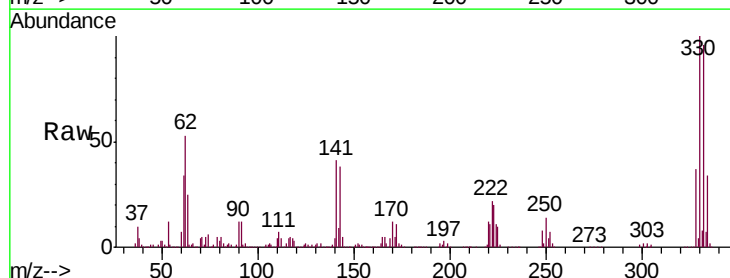
RT: 16.09 min Scan# 2212

Delta R.T. 0.00 min

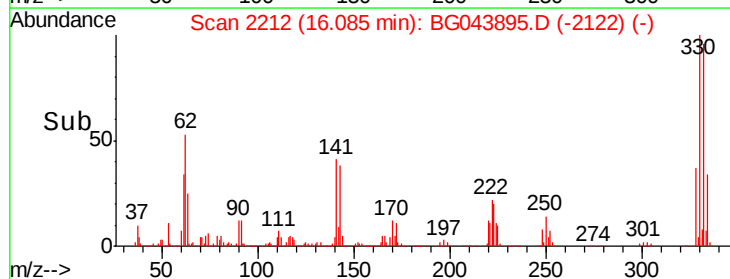
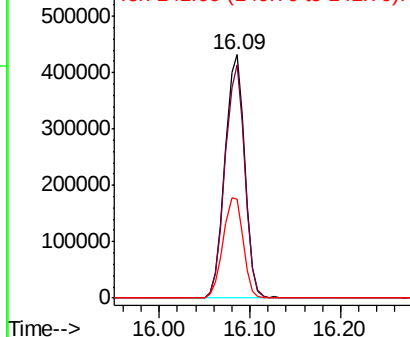
Lab File: BG043895.D

Acq: 3 Jan 2020 19:54

Tgt Ion:	330	Resp:	653489
Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.2	115.8
141	42.0	33.1	49.7



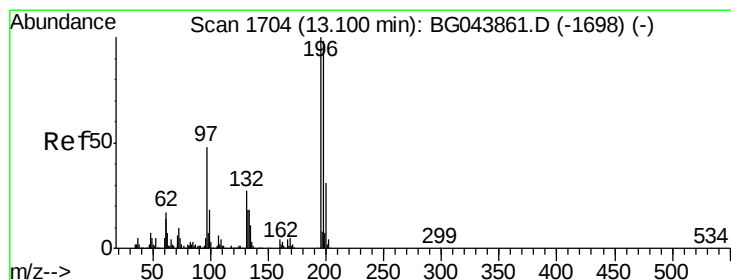
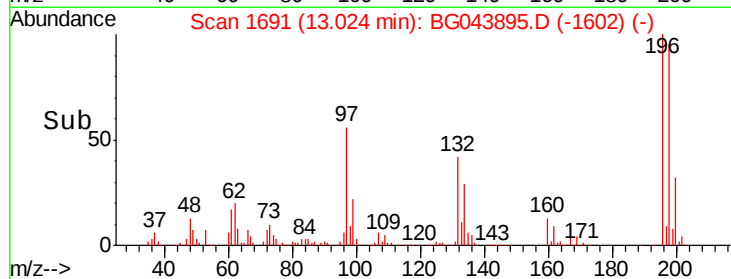
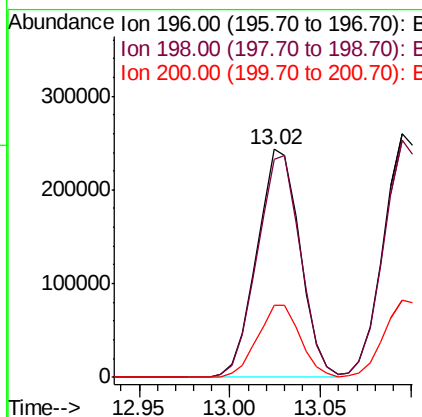
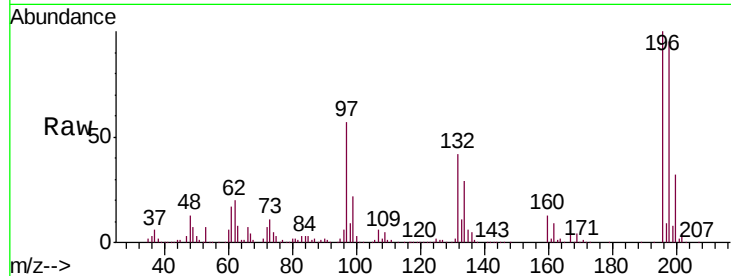
Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





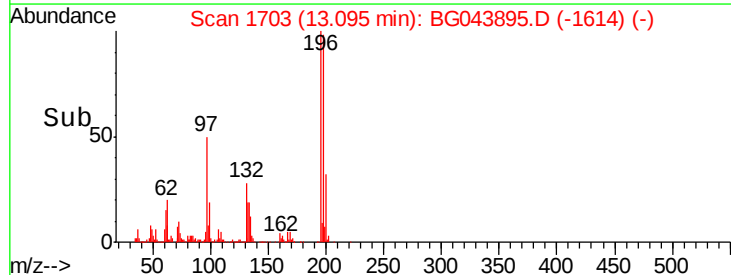
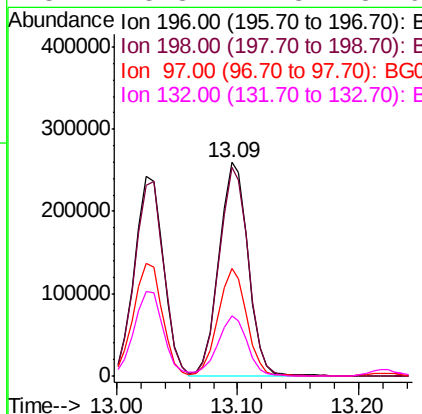
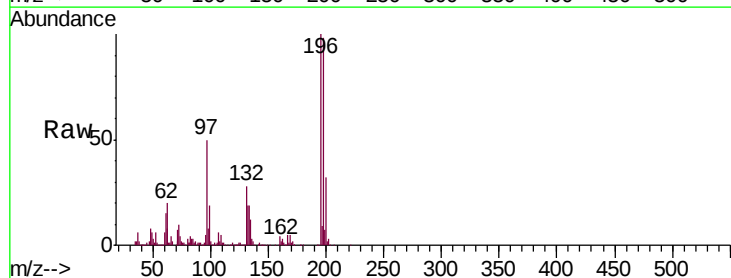
#43
 2,4,6-Trichlorophenol
 Concen: 49.011 ng
 RT: 13.02 min Scan# 1691
 Delta R.T. -0.00 min
 Lab File: BG043895.D
 Acq: 3 Jan 2020 19:54

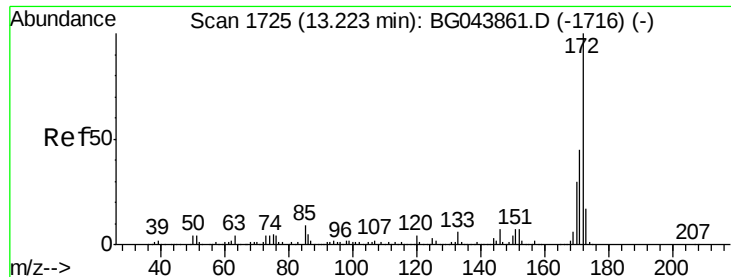
Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.3	76.6	115.0
200	31.8	24.6	37.0



#44
 2,4,5-Trichlorophenol
 Concen: 50.654 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG043895.D
 Acq: 3 Jan 2020 19:54

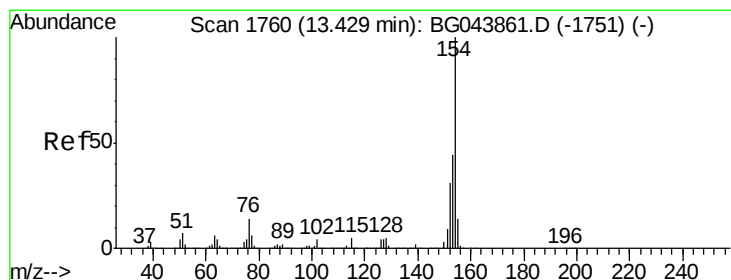
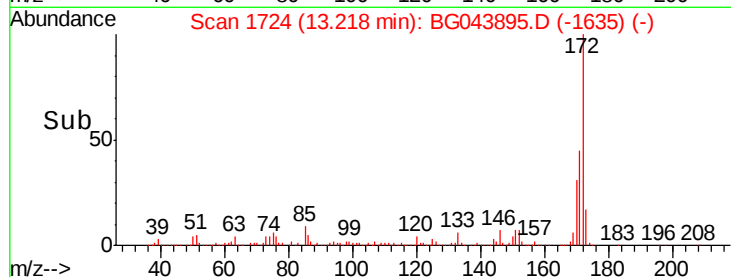
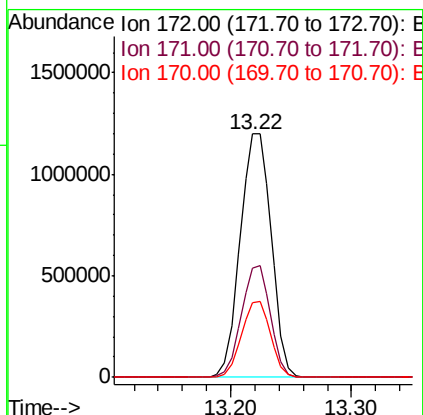
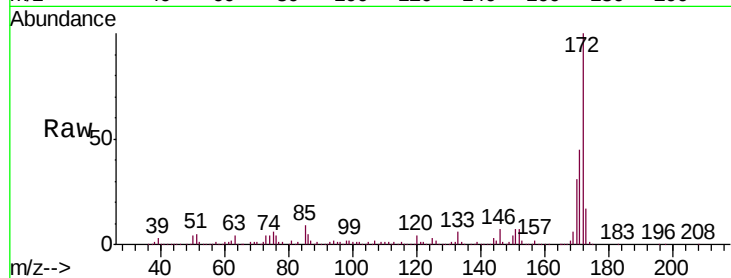
Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.6	78.3	117.5
97	50.1	38.8	58.2
132	28.3	21.3	31.9





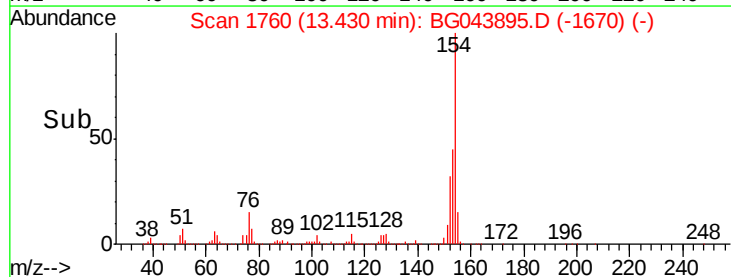
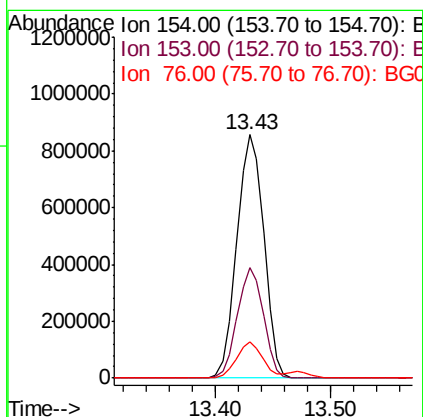
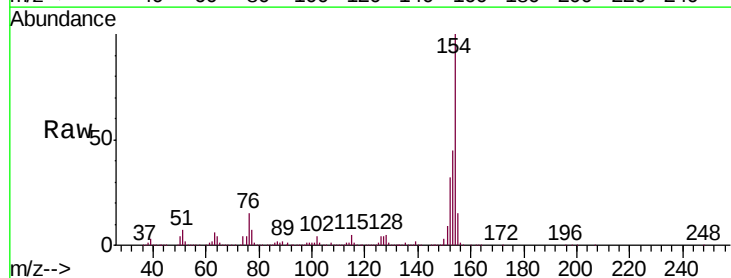
#45
 2-Fluorobiphenyl
 Concen: 95.494 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.00 min
 Lab File: BG043895.D
 Acq: 3 Jan 2020 19:54

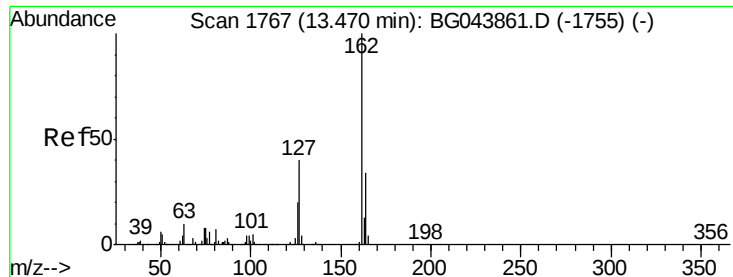
Tgt Ion:	172	Resp:	2150378
Ion	Ratio	Lower	Upper
172	100		
171	44.6	35.8	53.8
170	30.6	24.2	36.4



#46
 1,1'-Biphenyl
 Concen: 47.344 ng
 RT: 13.43 min Scan# 1760
 Delta R.T. 0.00 min
 Lab File: BG043895.D
 Acq: 3 Jan 2020 19:54

Tgt Ion:	154	Resp:	1384890
Ion	Ratio	Lower	Upper
154	100		
153	45.3	23.6	63.6
76	14.8	0.0	34.4





#47

2-Chloronaphthalene

Concen: 45.967 ng

RT: 13.47 min Scan# 1767

Delta R.T. 0.00 min

Lab File: BG043895.D

Acq: 3 Jan 2020 19:54

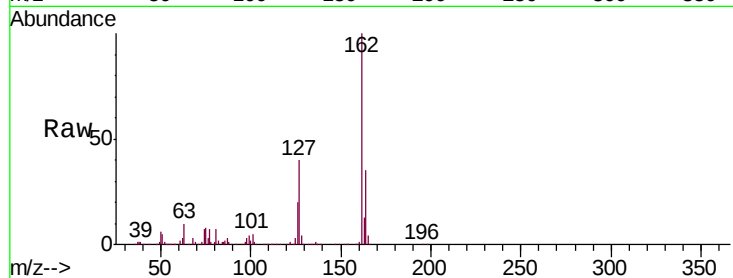
Tgt Ion: 162 Resp: 1086537

Ion Ratio Lower Upper

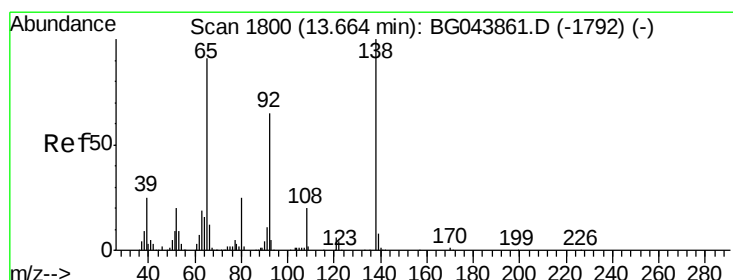
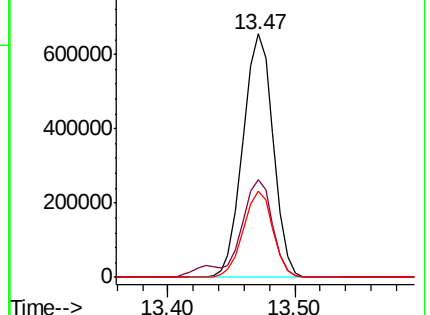
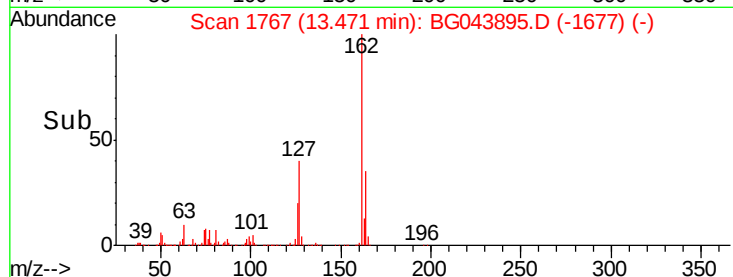
162 100

127 40.3 32.1 48.1

164 35.5 27.5 41.3



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



#48

2-Nitroaniline

Concen: 48.317 ng

RT: 13.66 min Scan# 1800

Delta R.T. 0.00 min

Lab File: BG043895.D

Acq: 3 Jan 2020 19:54

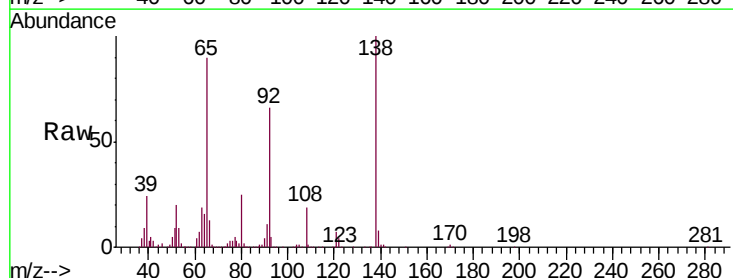
Tgt Ion: 65 Resp: 367373

Ion Ratio Lower Upper

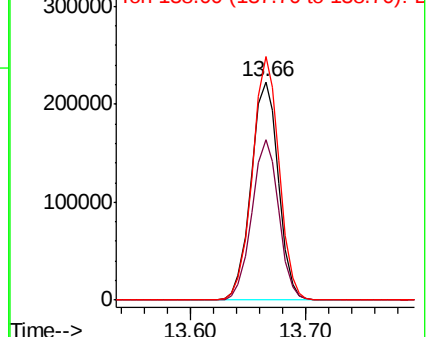
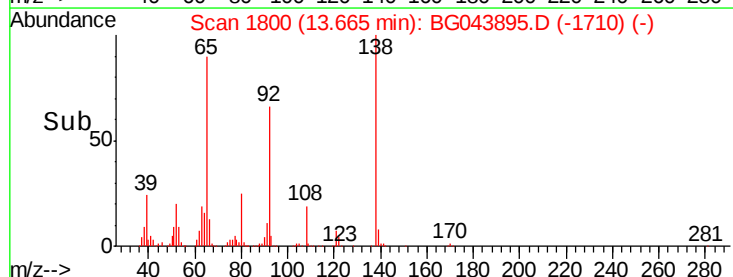
65 100

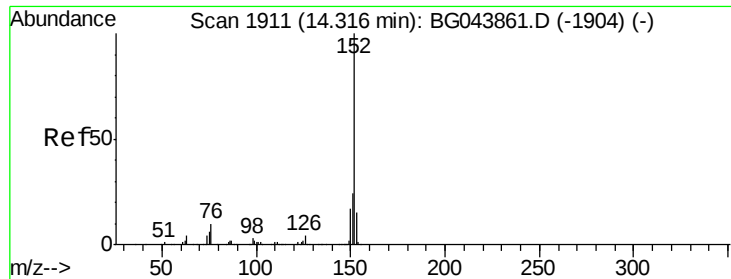
92 73.7 57.4 86.2

138 111.7 88.2 132.4



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





#49

Acenaphthylene

Concen: 50.137 ng

RT: 14.32 min Scan# 1911

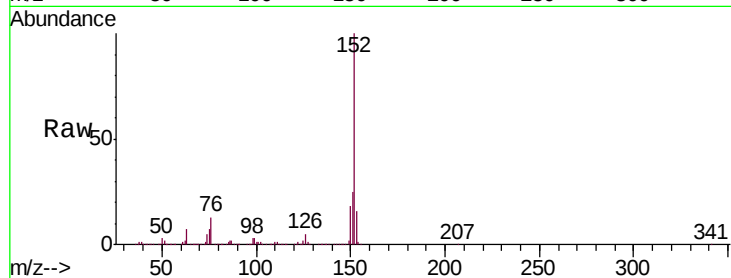
Delta R.T. 0.00 min

Lab File: BG043895.D

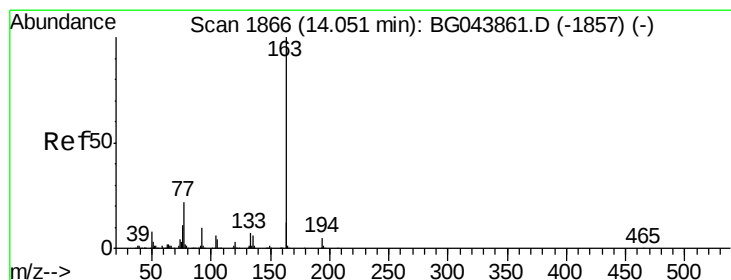
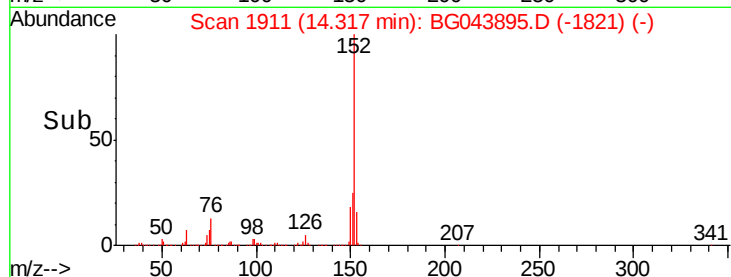
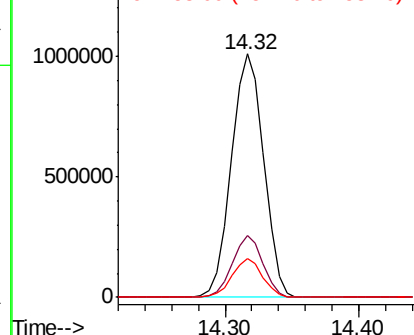
Acq: 3 Jan 2020 19:54

Tgt Ion:152 Resp: 1703347

Ion	Ratio	Lower	Upper
152	100		
151	25.3	19.4	29.2
153	15.8	12.0	18.0



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



#50

Dimethylphthalate

Concen: 52.140 ng

RT: 14.05 min Scan# 1866

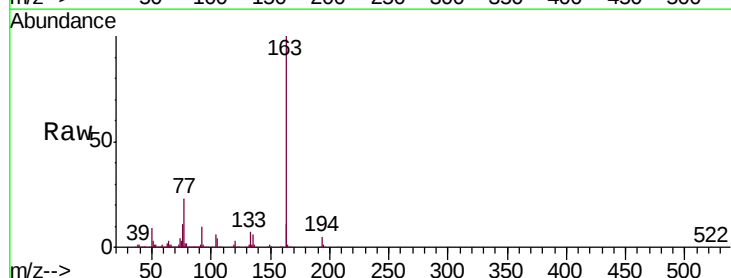
Delta R.T. 0.00 min

Lab File: BG043895.D

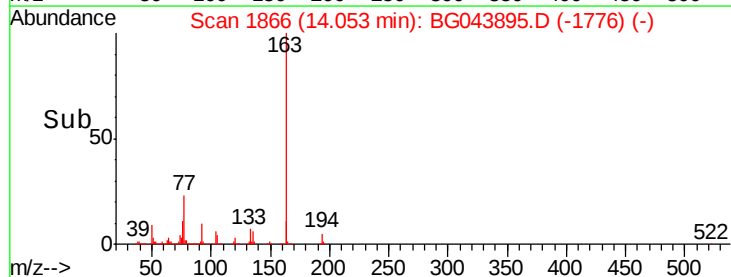
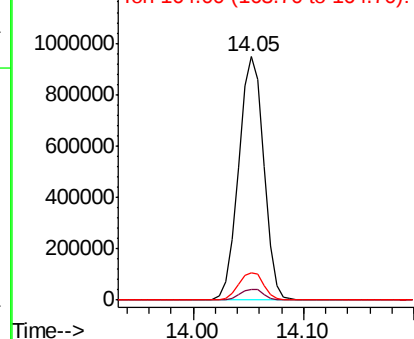
Acq: 3 Jan 2020 19:54

Tgt Ion:163 Resp: 1510413

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.7	5.5
164	11.4	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: 52.277 ng

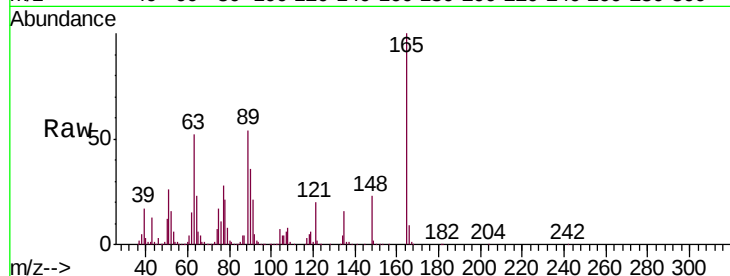
RT: 14.16 min Scan# 1885

Delta R.T. 0.00 min

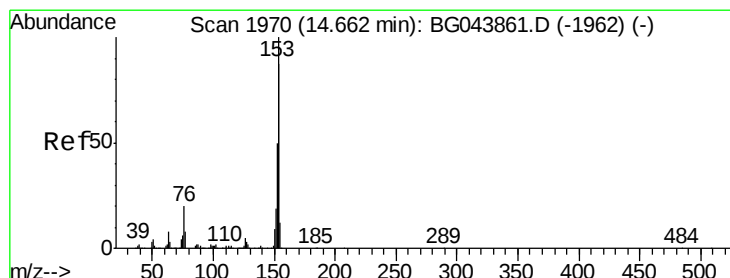
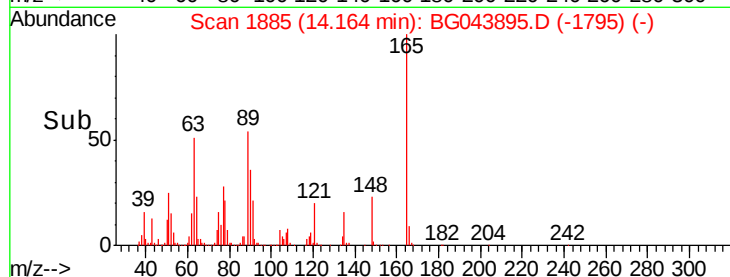
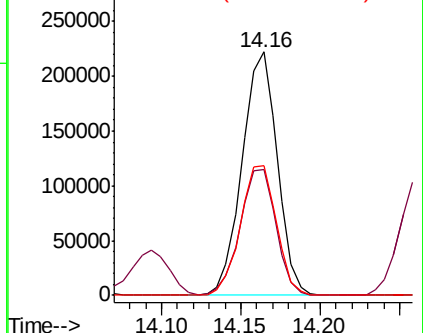
Lab File: BG043895.D

Acq: 3 Jan 2020 19:54

Tgt Ion:	165	Resp:	342286
Ion	Ratio	Lower	Upper
165	100		
63	51.8	43.1	64.7
89	53.5	43.8	65.6



Abundance Ion 165.00 (164.70 to 165.70): E



#52

Acenaphthene

Concen: 47.771 ng

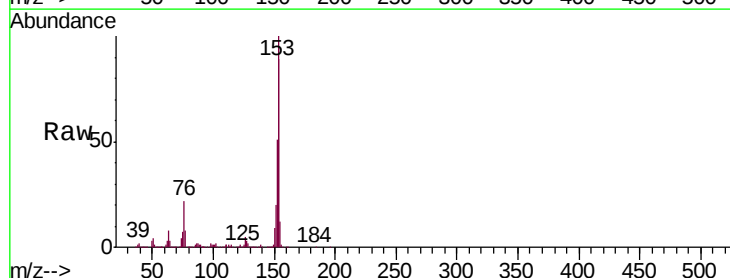
RT: 14.66 min Scan# 1969

Delta R.T. -0.00 min

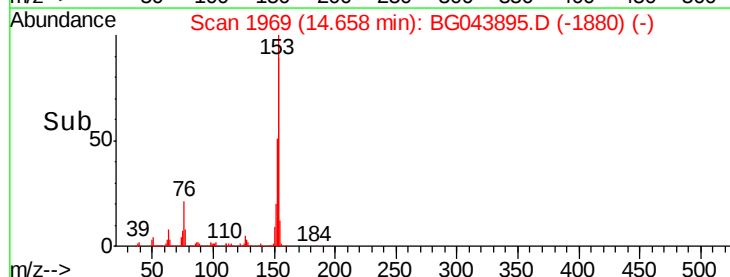
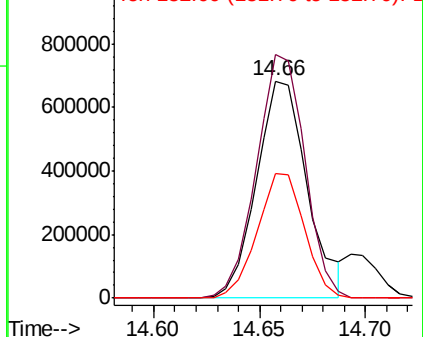
Lab File: BG043895.D

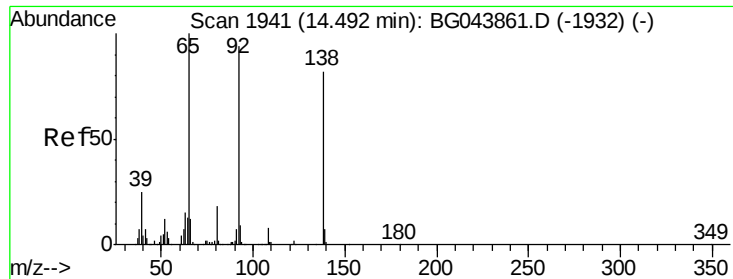
Acq: 3 Jan 2020 19:54

Tgt Ion:	154	Resp:	1138165
Ion	Ratio	Lower	Upper
154	100		
153	112.1	91.6	137.4
152	57.3	45.4	68.0



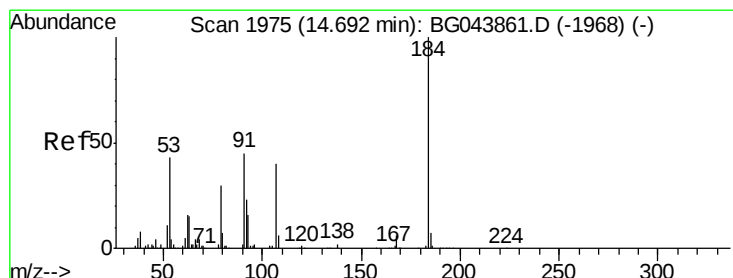
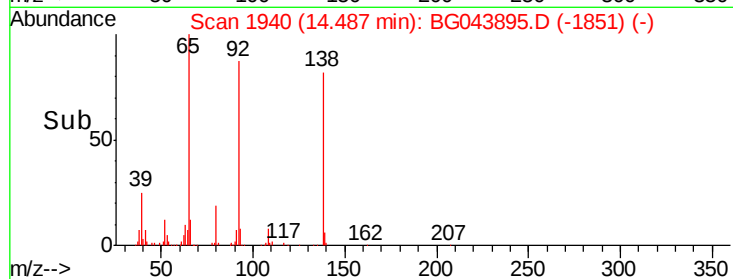
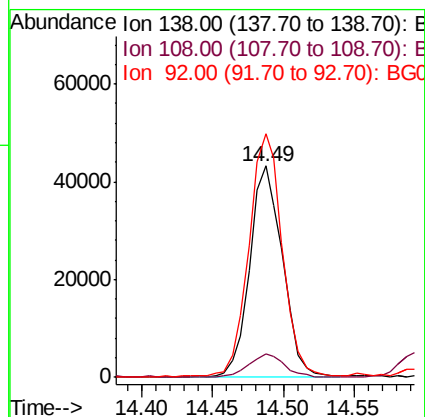
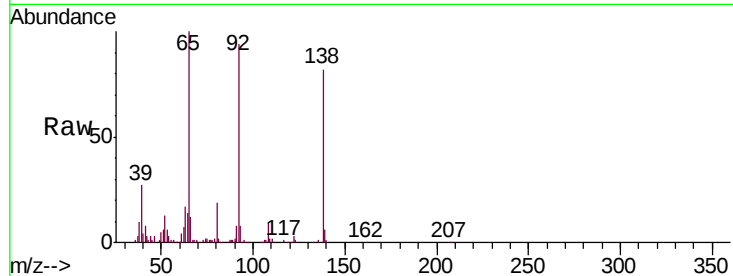
Abundance Ion 154.00 (153.70 to 154.70): E





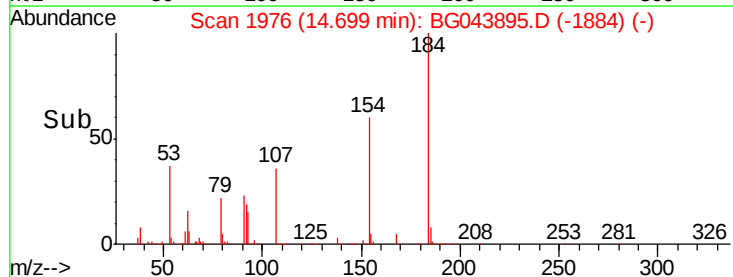
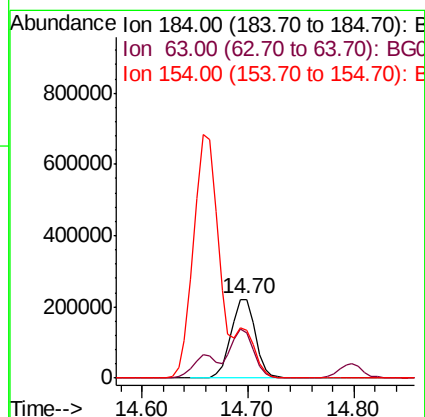
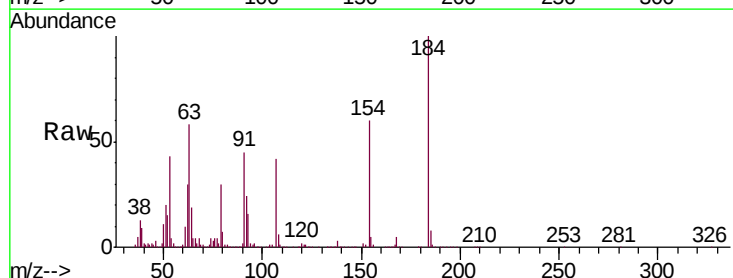
#53
3-Nitroaniline
Concen: 9.529 ng
RT: 14.49 min Scan# 1940
Delta R.T. -0.00 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

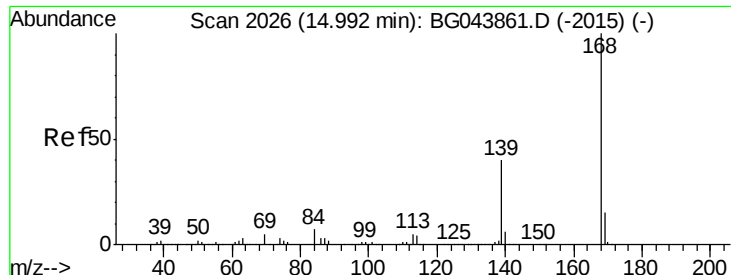
Tgt Ion:138 Resp: 70853
Ion Ratio Lower Upper
138 100
108 11.2 7.4 11.2#
92 115.4 92.1 138.1



#54
2,4-Dinitrophenol
Concen: 104.342 ng
RT: 14.70 min Scan# 1976
Delta R.T. 0.01 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

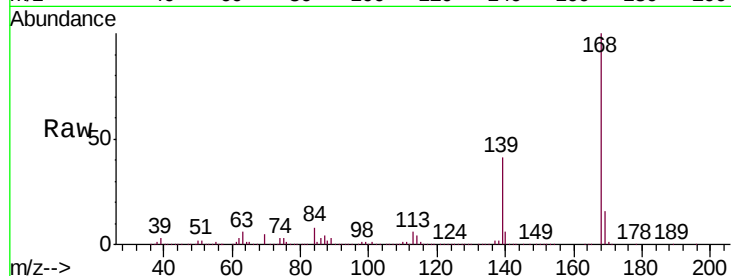
Tgt Ion:184 Resp: 354022
Ion Ratio Lower Upper
184 100
63 57.7 46.6 70.0
154 60.2 50.2 75.4



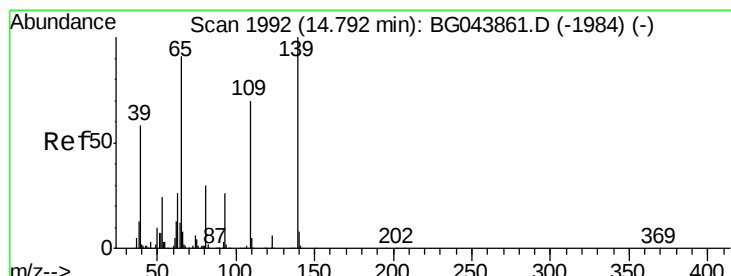
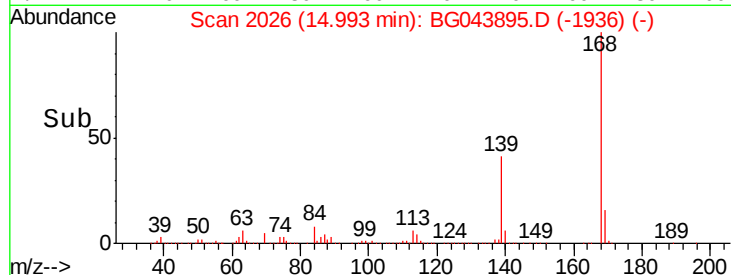
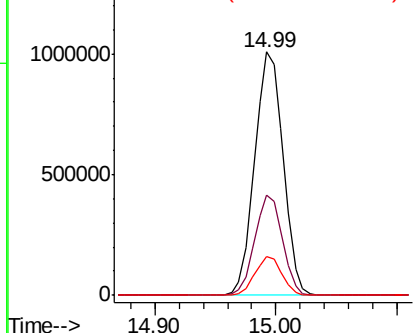


#55
Dibenzenofuran
Concen: 50.292 ng
RT: 14.99 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

Tgt Ion:168 Resp: 1649502
Ion Ratio Lower Upper
168 100
139 41.4 32.2 48.2
169 16.2 12.2 18.2

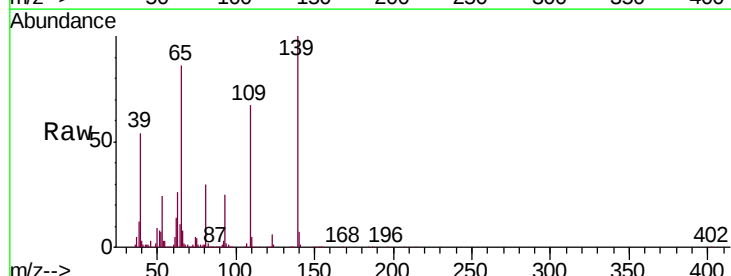


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

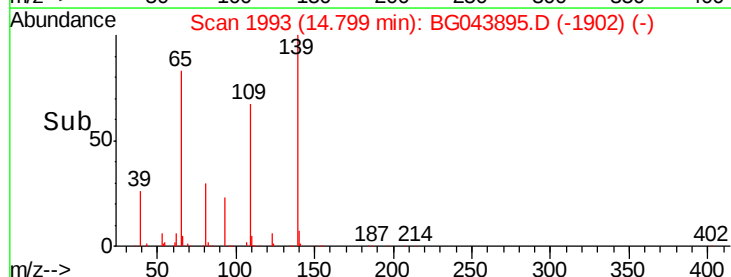
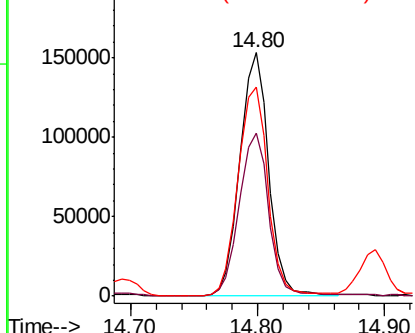


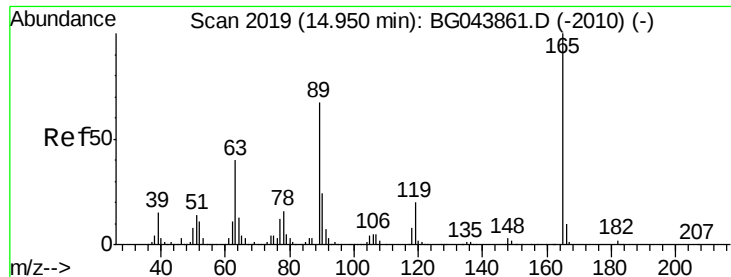
#56
4-Nitrophenol
Concen: 42.283 ng
RT: 14.80 min Scan# 1993
Delta R.T. 0.01 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

Tgt Ion:139 Resp: 240918
Ion Ratio Lower Upper
139 100
109 67.0 50.4 90.4
65 86.1 71.4 111.4



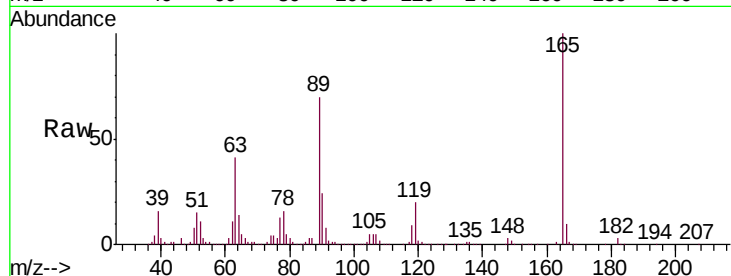
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC



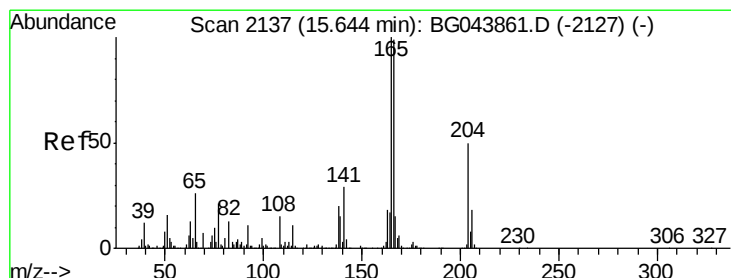
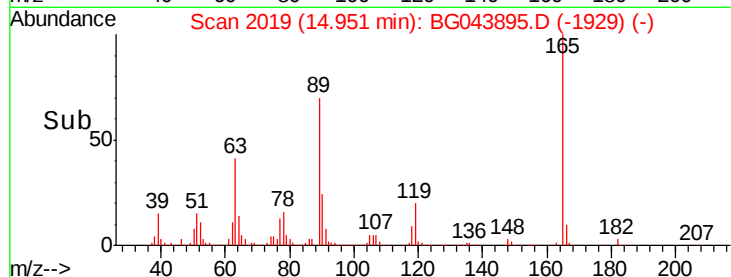
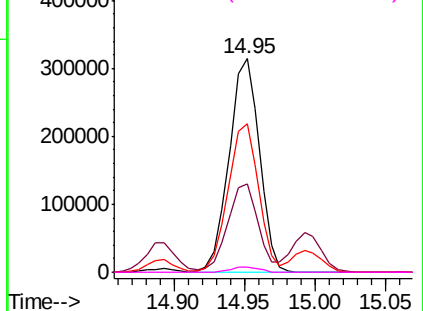


#57
2,4-Dinitrotoluene
Concen: 52.707 ng
RT: 14.95 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

Tgt Ion:	165	Resp:	469574
Ion	Ratio	Lower	Upper
165	100		
63	41.3	31.9	47.9
89	69.5	53.8	80.6
182	2.5	2.0	3.0

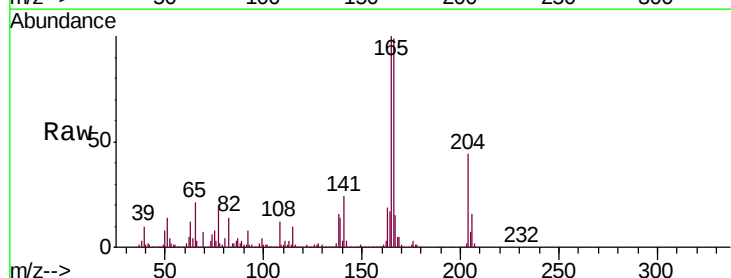


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

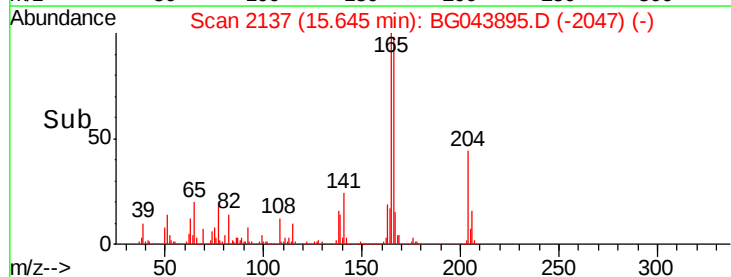
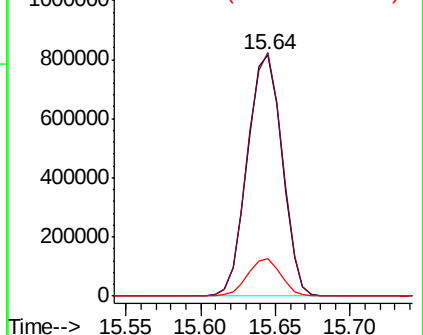


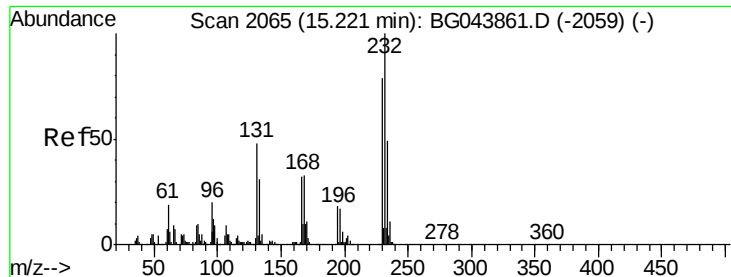
#58
Fluorene
Concen: 50.438 ng
RT: 15.64 min Scan# 2137
Delta R.T. 0.00 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

Tgt Ion:	166	Resp:	1311176
Ion	Ratio	Lower	Upper
166	100		
165	100.9	80.8	121.2
167	15.6	12.1	18.1



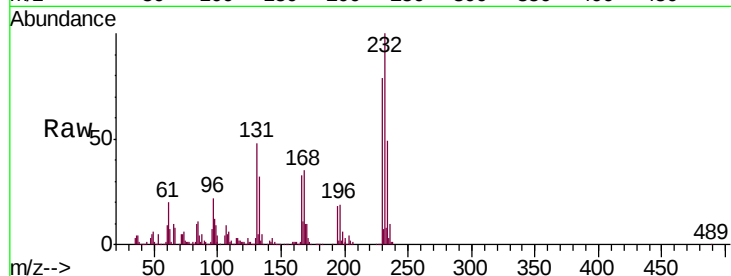
Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



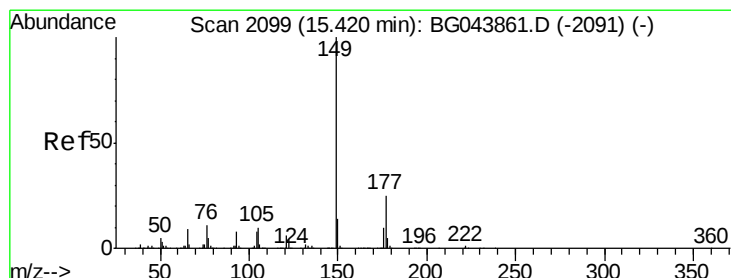
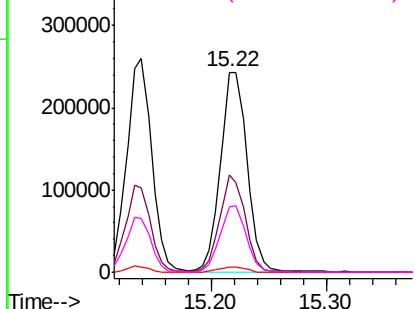
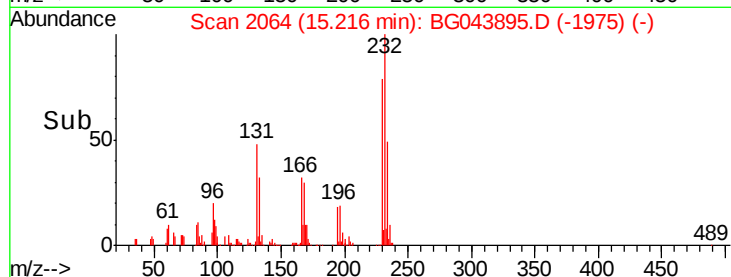


#59
2,3,4,6-Tetrachlorophenol
Concen: 53.259 ng
RT: 15.22 min Scan# 2064
Delta R.T. -0.00 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

Tgt Ion:	232	Resp:	388643
Ion	Ratio	Lower	Upper
232	100		
131	45.9	38.2	57.2
130	2.7	2.2	3.2
166	32.4	26.4	39.6

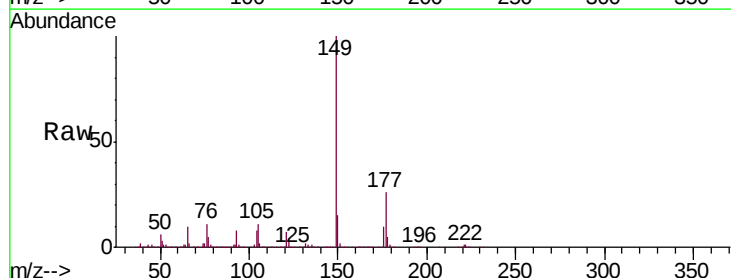


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

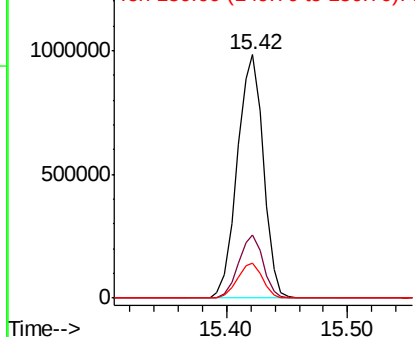
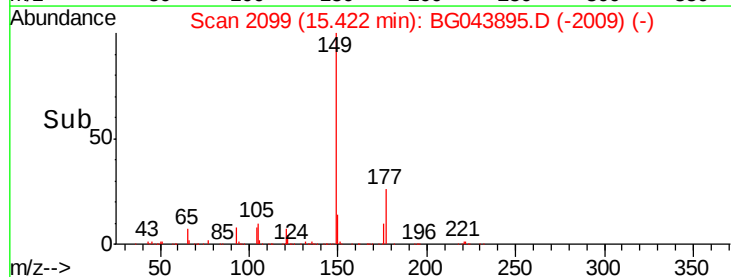


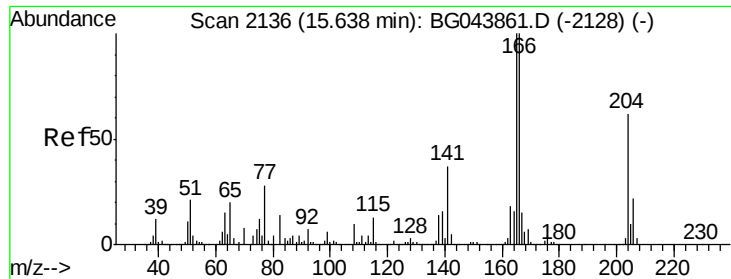
#60
Diethylphthalate
Concen: 50.961 ng
RT: 15.42 min Scan# 2099
Delta R.T. 0.00 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

Tgt Ion:	149	Resp:	1476541
Ion	Ratio	Lower	Upper
149	100		
177	25.9	20.0	30.0
150	14.5	11.1	16.7



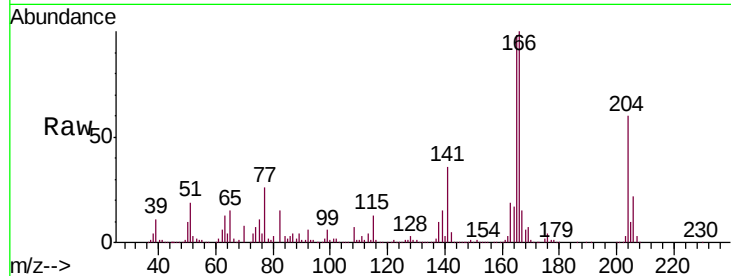
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



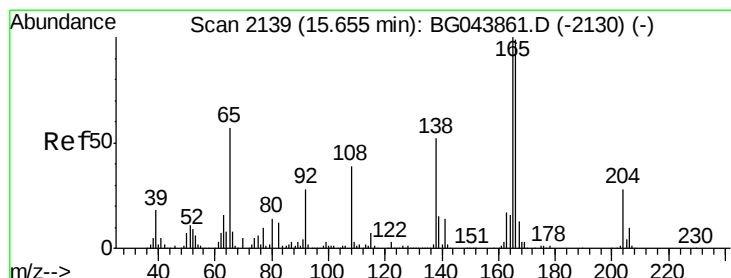
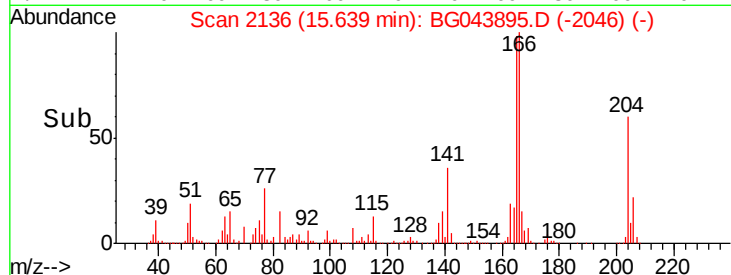
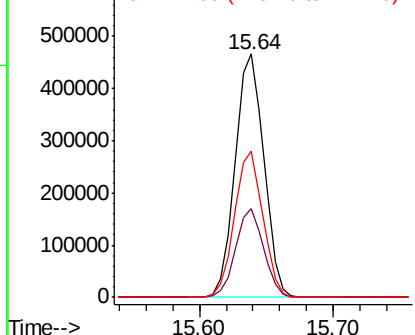


#61
 4-Chlorophenyl-phenylether
 Concen: 49.305 ng
 RT: 15.64 min Scan# 2136
 Delta R.T. 0.00 min
 Lab File: BG043895.D
 Acq: 3 Jan 2020 19:54

Tgt Ion: 204 Resp: 695974
 Ion Ratio Lower Upper
 204 100
 206 36.2 28.2 42.2
 141 60.2 48.2 72.2

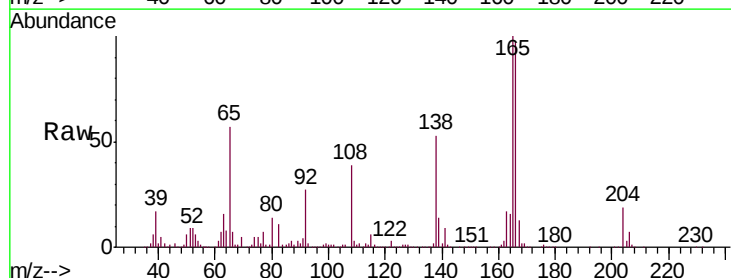


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

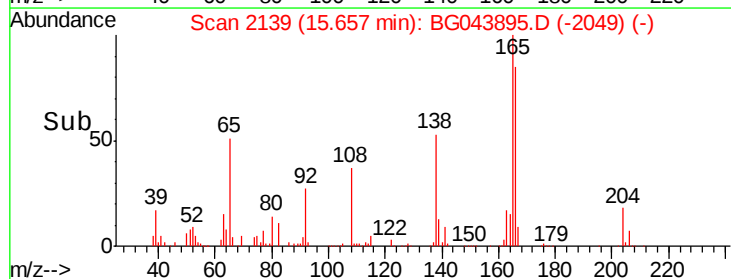
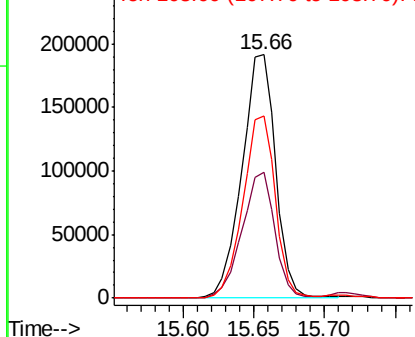


#62
 4-Nitroaniline
 Concen: 43.636 ng
 RT: 15.66 min Scan# 2139
 Delta R.T. 0.00 min
 Lab File: BG043895.D
 Acq: 3 Jan 2020 19:54

Tgt Ion: 138 Resp: 320394
 Ion Ratio Lower Upper
 138 100
 92 51.9 34.3 74.3
 108 74.8 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: 51.884 ng

RT: 15.93 min Scan# 2186

Delta R.T. 0.00 min

Lab File: BG043895.D

Acq: 3 Jan 2020 19:54

Tgt Ion: 77 Resp: 1394144

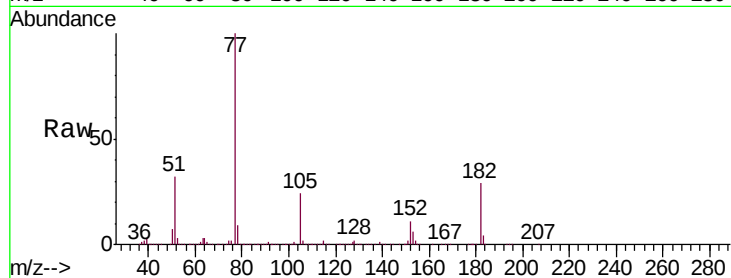
Ion Ratio Lower Upper

77 100

182 28.5 7.3 47.3

105 24.1 3.2 43.2

51 32.0 10.6 50.6

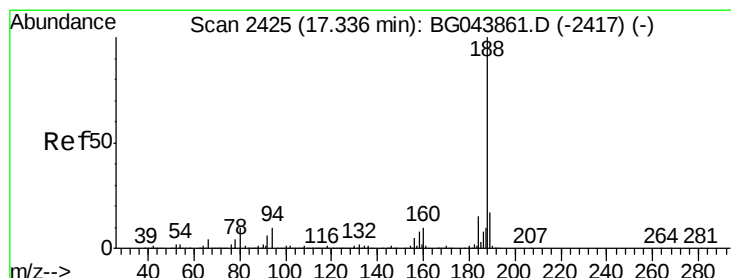
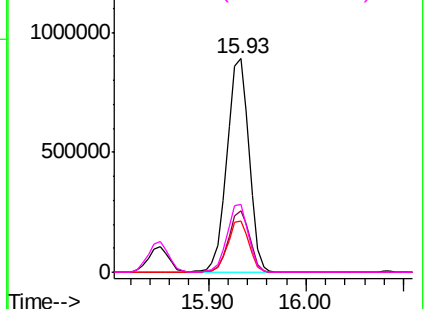
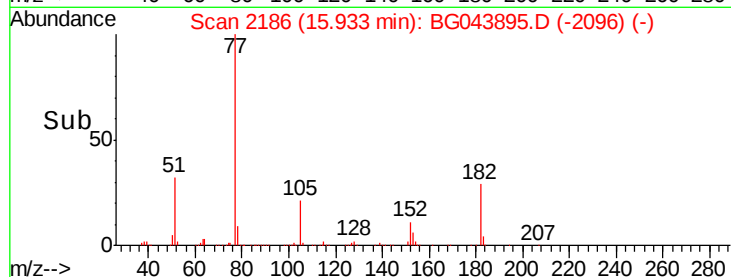


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.34 min Scan# 2425

Delta R.T. 0.00 min

Lab File: BG043895.D

Acq: 3 Jan 2020 19:54

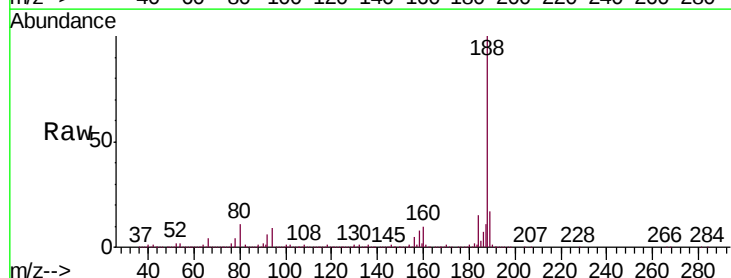
Tgt Ion: 188 Resp: 860757

Ion Ratio Lower Upper

188 100

94 9.2 7.9 11.9

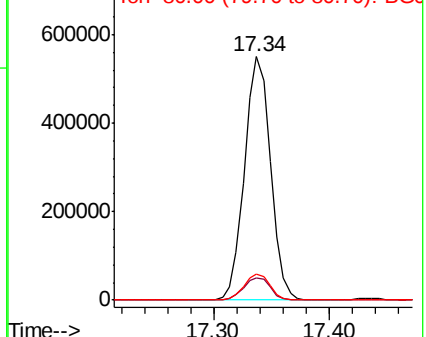
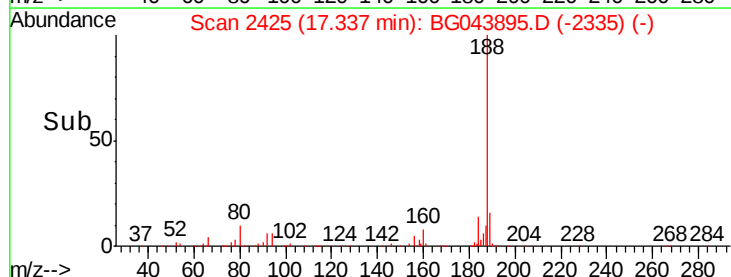
80 10.8 8.2 12.4

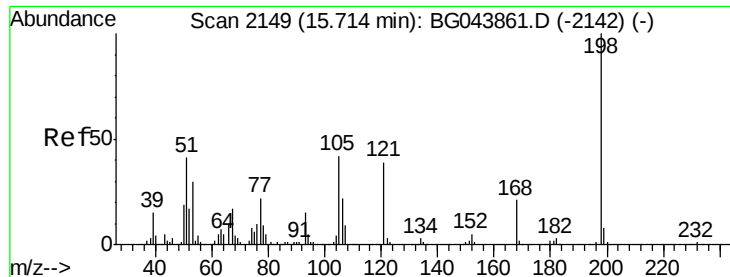


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

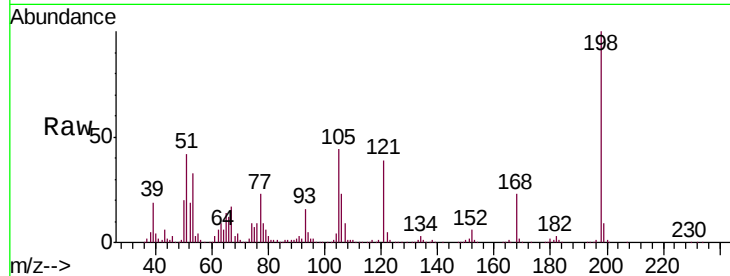
Ion 80.00 (79.70 to 80.70): BGC



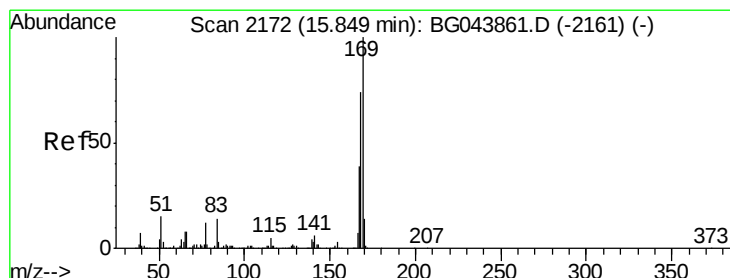
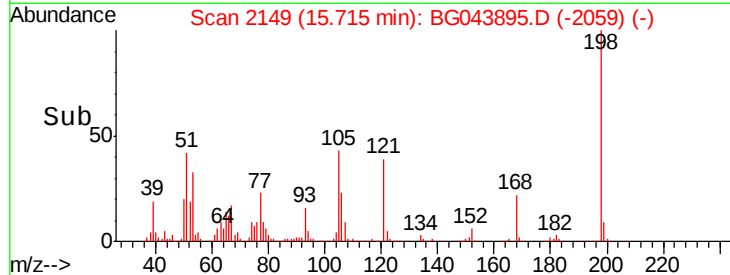
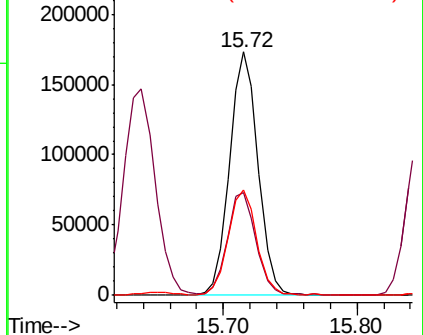


#65
 4,6-Dinitro-2-methylphenol
 Concen: 57.064 ng
 RT: 15.72 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: BG043895.D
 Acq: 3 Jan 2020 19:54

Tgt Ion	Ratio	Lower	Upper
198	100		
51	42.1	22.5	62.5
105	43.5	22.3	62.3

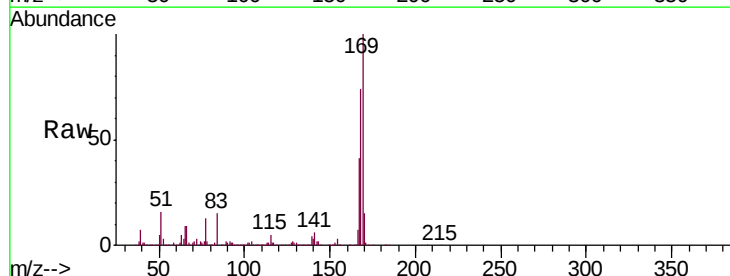


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

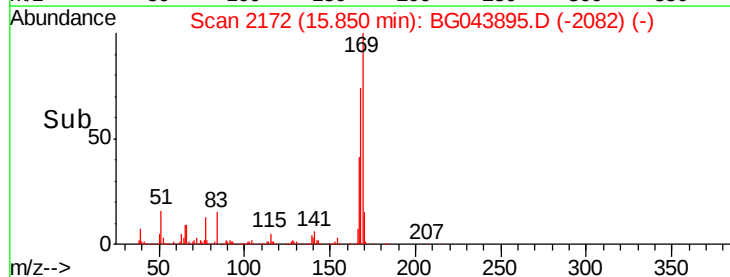
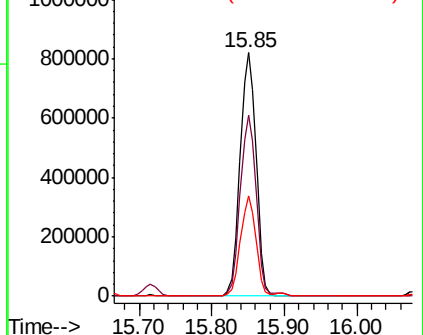


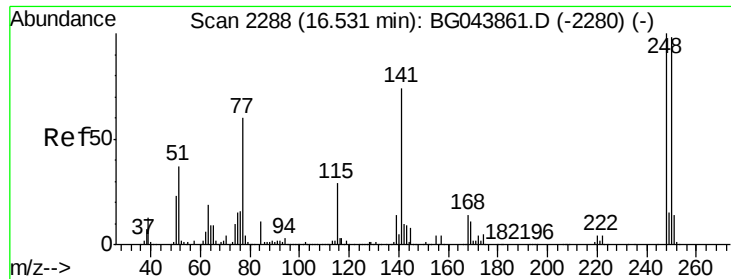
#66
 n-Nitrosodiphenylamine
 Concen: 49.677 ng
 RT: 15.85 min Scan# 2172
 Delta R.T. 0.00 min
 Lab File: BG043895.D
 Acq: 3 Jan 2020 19:54

Tgt Ion	Ratio	Lower	Upper
169	100		
168	74.1	59.0	88.6
167	41.4	31.4	47.0



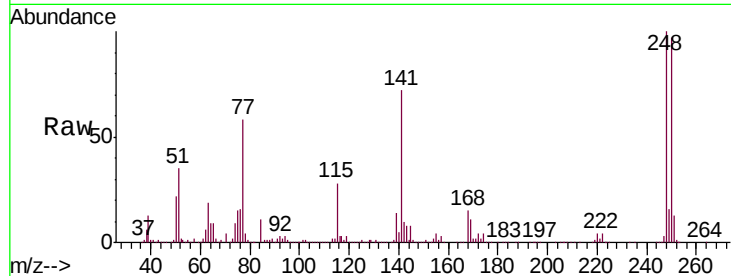
Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E



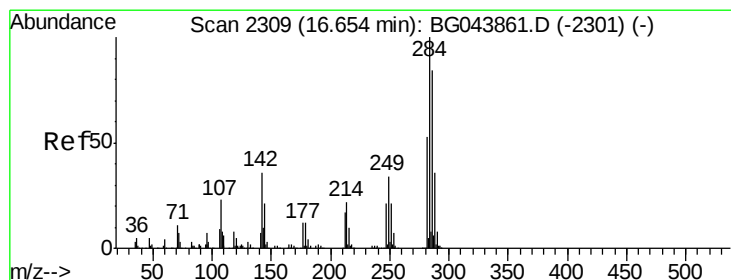
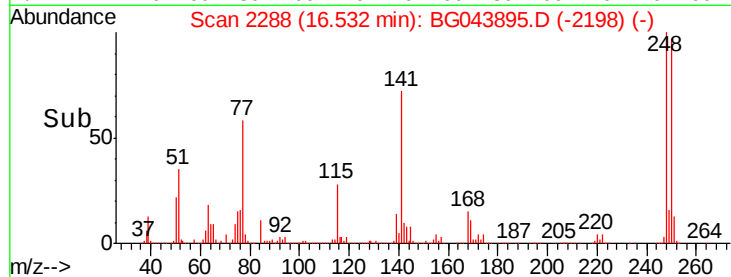
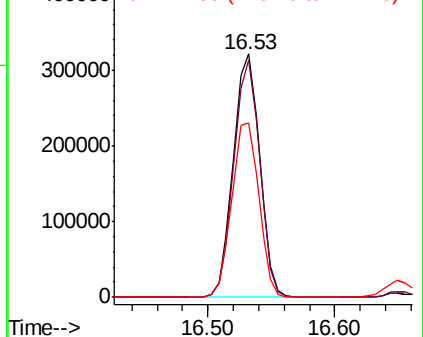


#67
 4-Bromophenyl-phenylether
 Concen: 47.727 ng
 RT: 16.53 min Scan# 2288
 Delta R.T. 0.00 min
 Lab File: BG043895.D
 Acq: 3 Jan 2020 19:54

Tgt Ion: 248 Resp: 462043
 Ion Ratio Lower Upper
 248 100
 250 97.4 78.2 117.2
 141 71.8 59.3 88.9

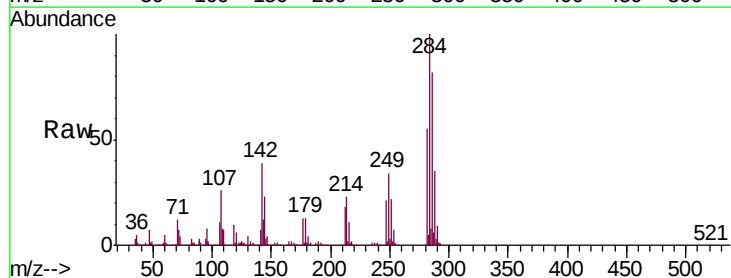


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

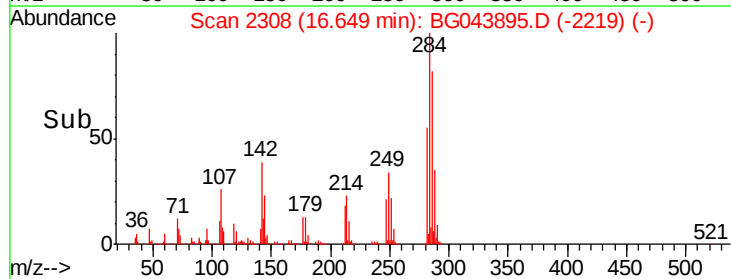
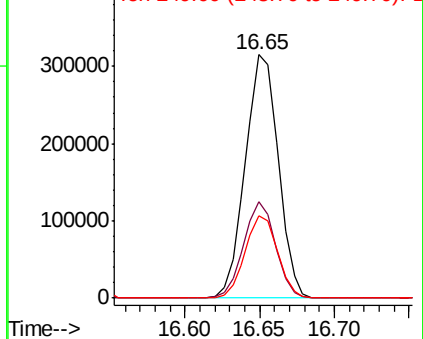


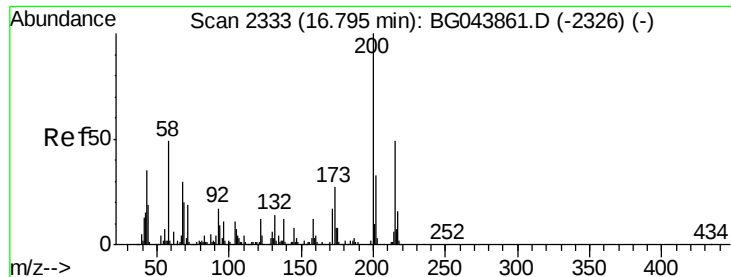
#68
 Hexachlorobenzene
 Concen: 46.068 ng
 RT: 16.65 min Scan# 2308
 Delta R.T. -0.00 min
 Lab File: BG043895.D
 Acq: 3 Jan 2020 19:54

Tgt Ion: 284 Resp: 480557
 Ion Ratio Lower Upper
 284 100
 142 39.4 28.6 43.0
 249 33.9 27.0 40.6



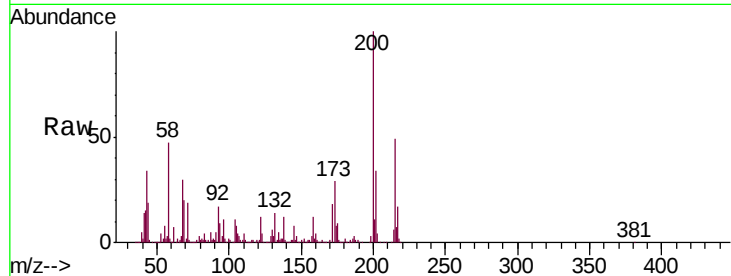
Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E



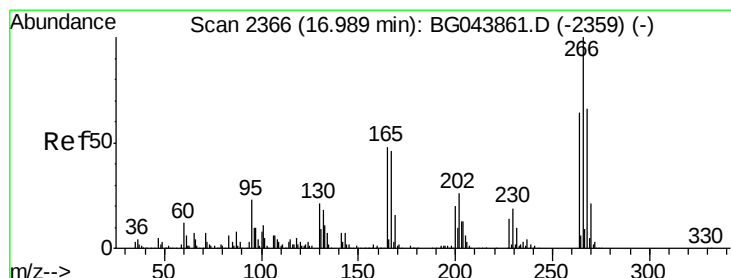
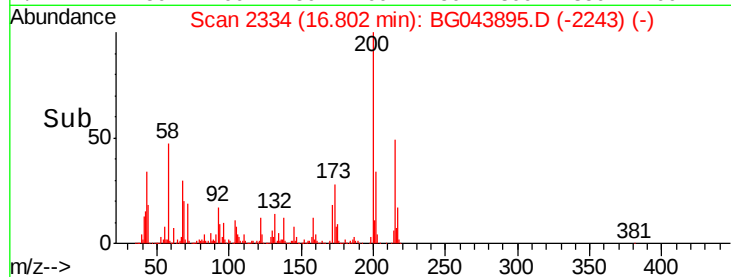
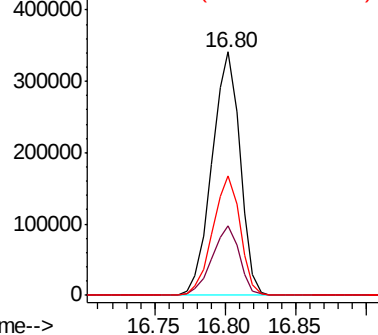


#69
Atrazine
Concen: 57.520 ng
RT: 16.80 min Scan# 2334
Delta R.T. 0.01 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.5	6.6	46.6
215	49.2	28.6	68.6

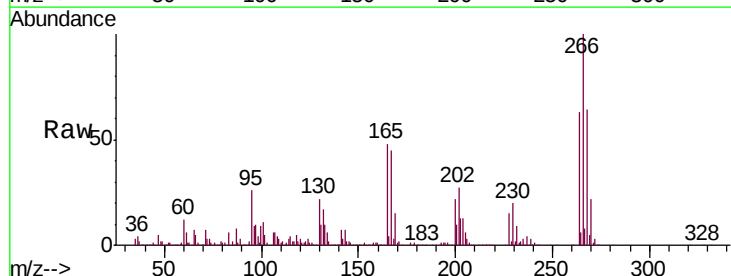


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

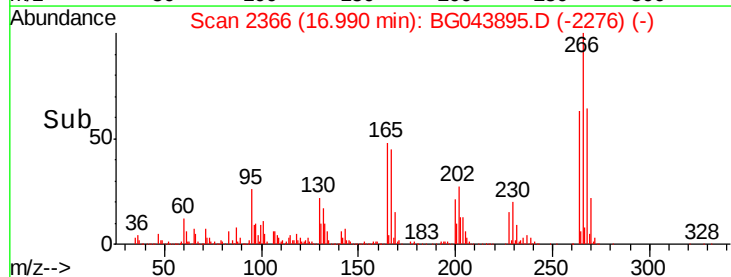
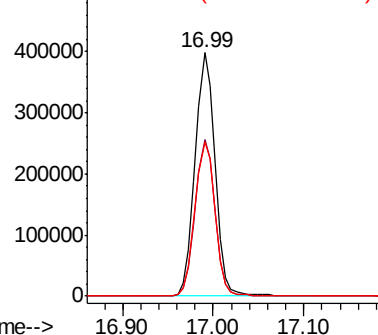


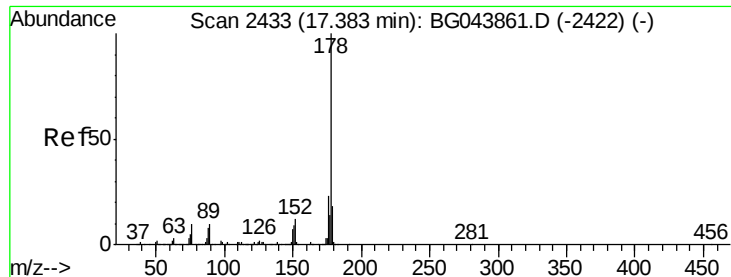
#70
Pentachlorophenol
Concen: 105.723 ng
RT: 16.99 min Scan# 2366
Delta R.T. 0.00 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.1	52.6	79.0
264	63.3	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

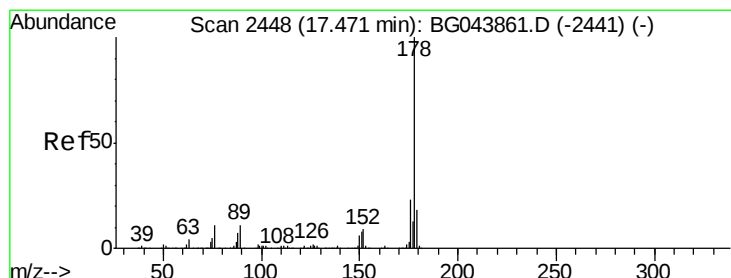
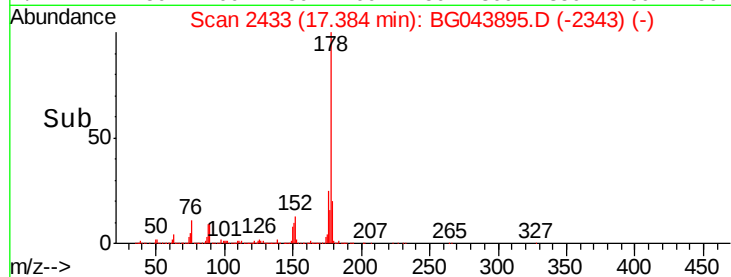
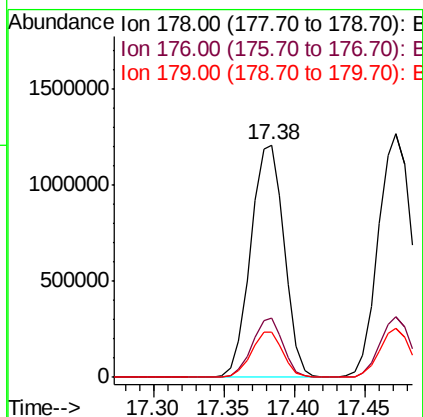
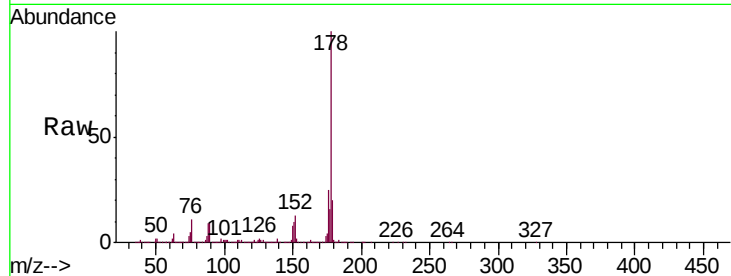




#71
Phenanthrene
Concen: 48.840 ng
RT: 17.38 min Scan# 2433
Delta R.T. 0.00 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

Tgt Ion:178 Resp: 2016413

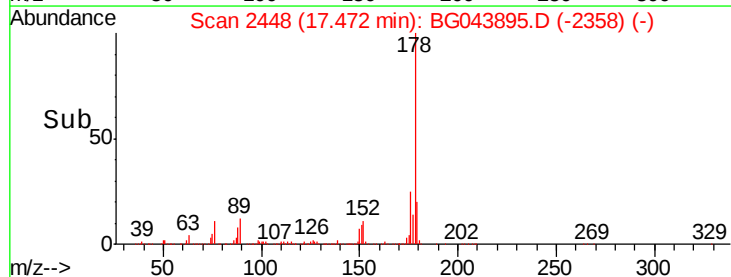
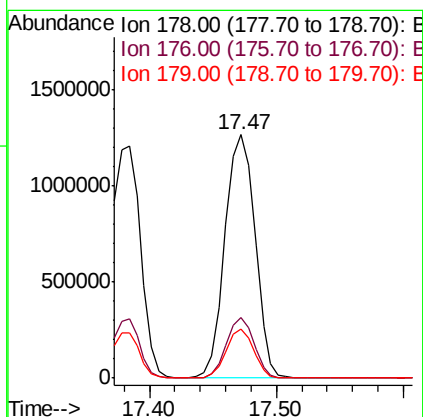
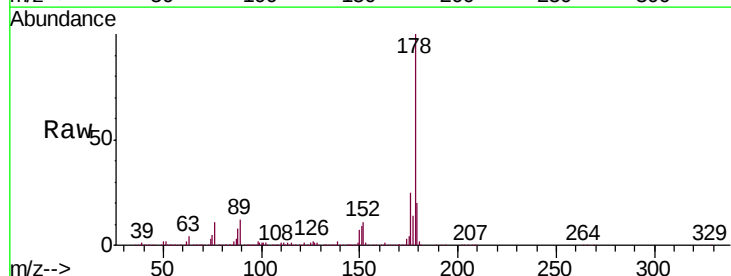
Ion	Ratio	Lower	Upper
178	100		
176	25.5	18.6	28.0
179	19.7	14.4	21.6

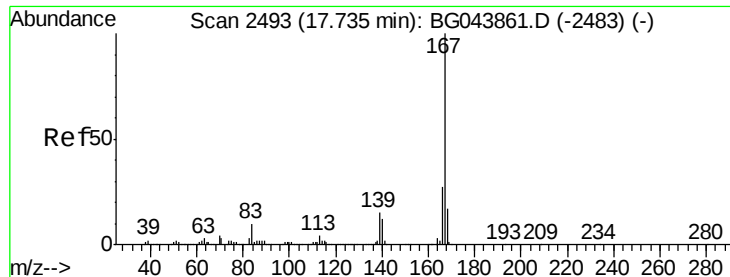


#72
Anthracene
Concen: 51.023 ng
RT: 17.47 min Scan# 2448
Delta R.T. 0.00 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

Tgt Ion:178 Resp: 2081882

Ion	Ratio	Lower	Upper
178	100		
176	25.1	18.3	27.5
179	20.2	14.6	22.0





#73

Carbazole

Concen: 50.553 ng

RT: 17.74 min Scan# 2493

Delta R.T. 0.00 min

Lab File: BG043895.D

Acq: 3 Jan 2020 19:54

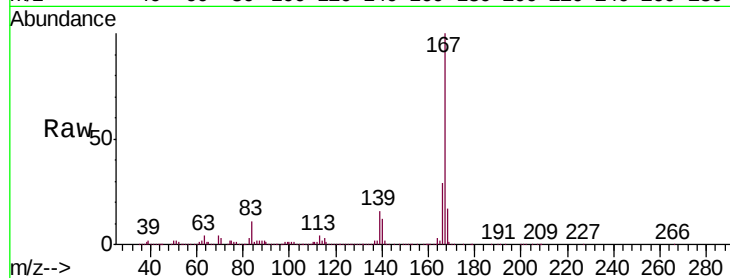
Tgt Ion:167 Resp: 1905357

Ion Ratio Lower Upper

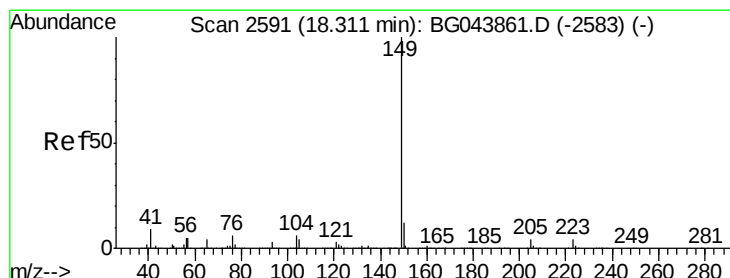
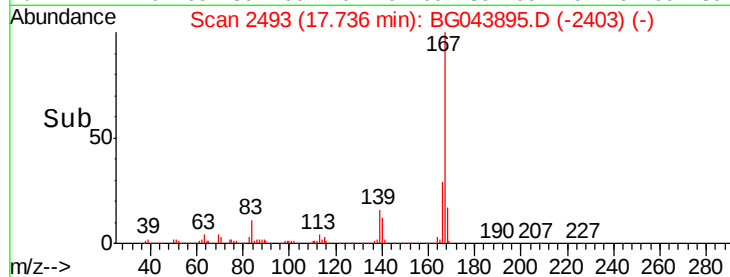
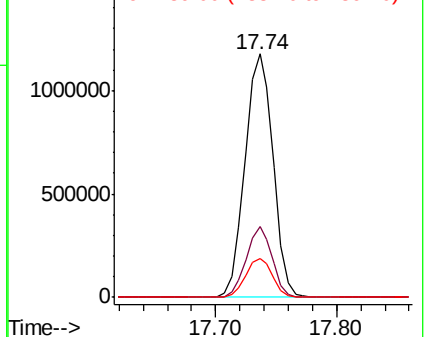
167 100

166 29.2 21.6 32.4

139 16.1 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: 47.121 ng

RT: 18.31 min Scan# 2590

Delta R.T. -0.00 min

Lab File: BG043895.D

Acq: 3 Jan 2020 19:54

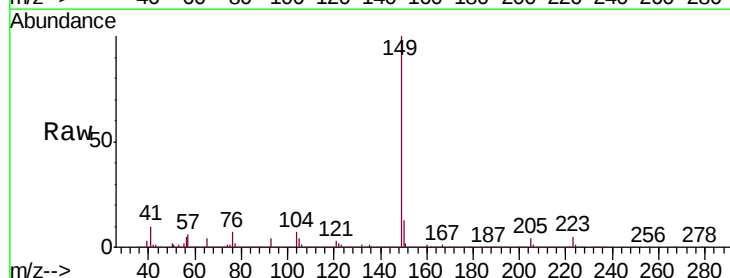
Tgt Ion:149 Resp: 2267506

Ion Ratio Lower Upper

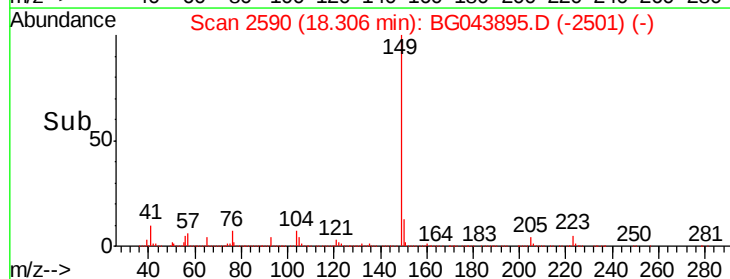
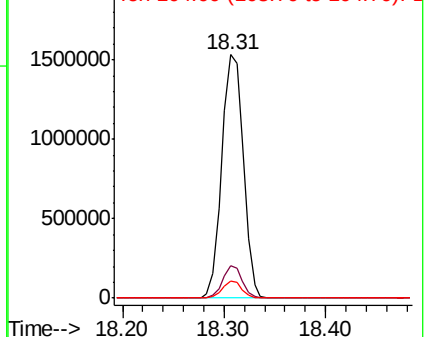
149 100

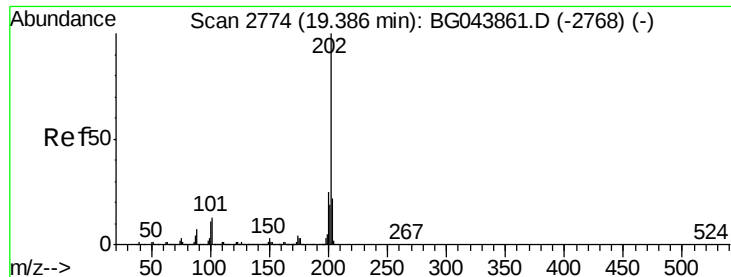
150 13.2 9.7 14.5

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: 47.423 ng

RT: 19.39 min Scan# 2774

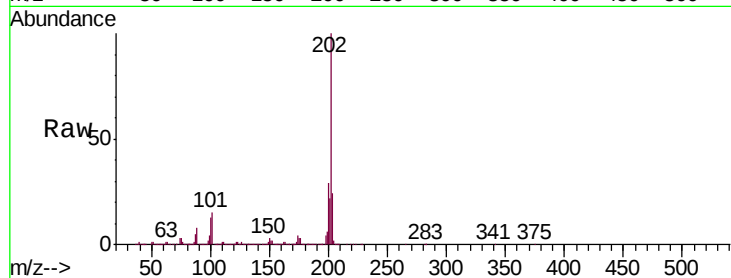
Delta R.T. 0.00 min

Lab File: BG043895.D

Acq: 3 Jan 2020 19:54

Tgt Ion:202 Resp: 2239167

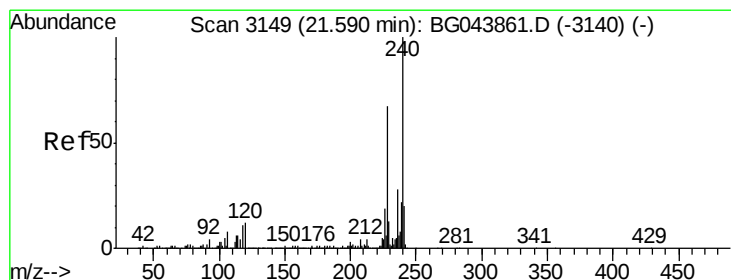
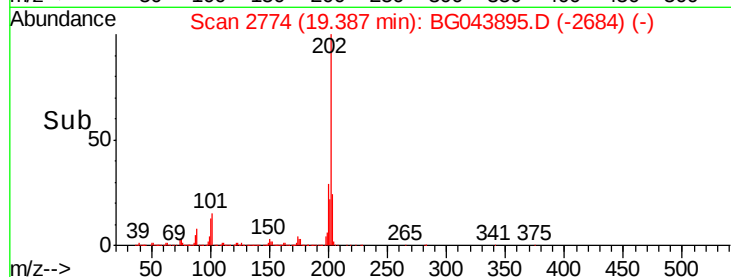
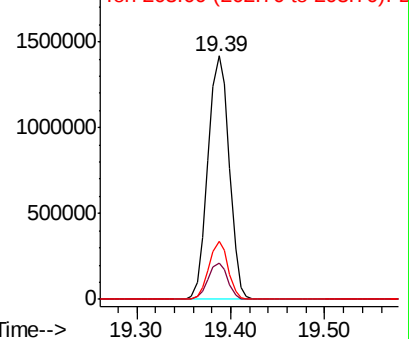
Ion	Ratio	Lower	Upper
202	100		
101	15.0	0.0	33.3
203	23.8	1.6	41.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.59 min Scan# 3149

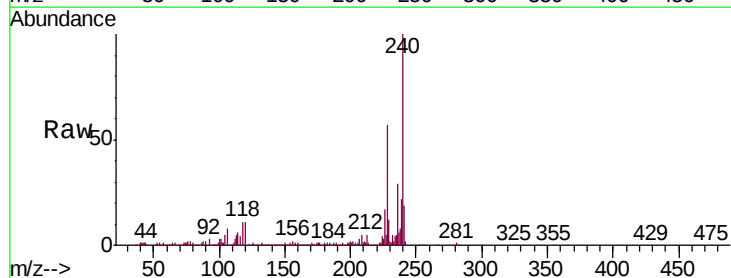
Delta R.T. 0.00 min

Lab File: BG043895.D

Acq: 3 Jan 2020 19:54

Tgt Ion:240 Resp: 719606

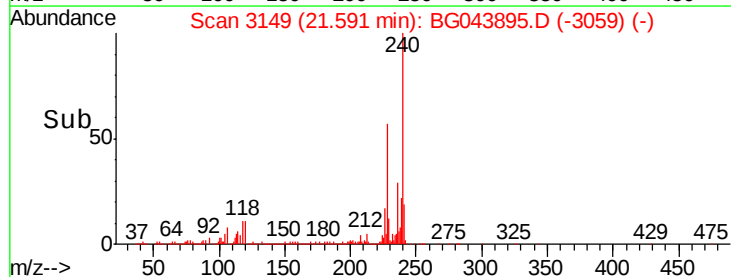
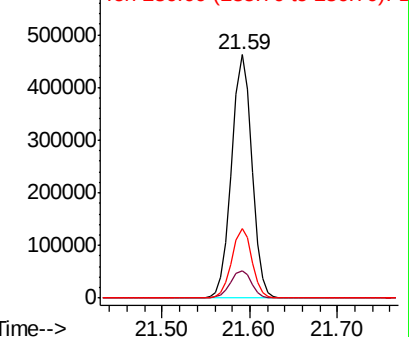
Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.6	14.4
236	28.8	22.2	33.2

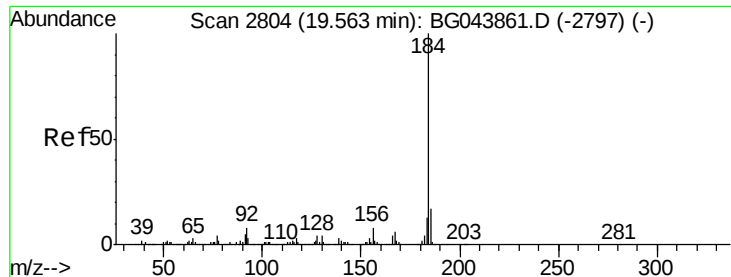


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 51.791 ng

RT: 19.56 min Scan# 2804

Delta R.T. 0.00 min

Lab File: BG043895.D

Acq: 3 Jan 2020 19:54

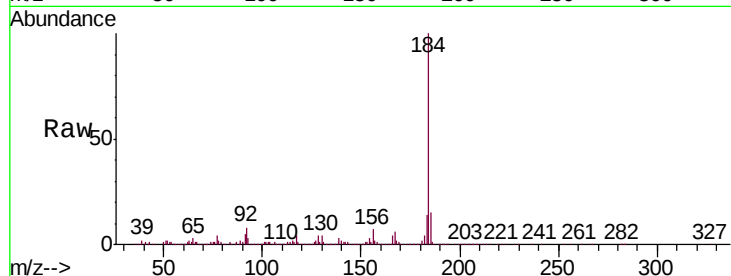
Tgt Ion:184 Resp: 936776

Ion Ratio Lower Upper

184 100

185 15.5 13.4 20.0

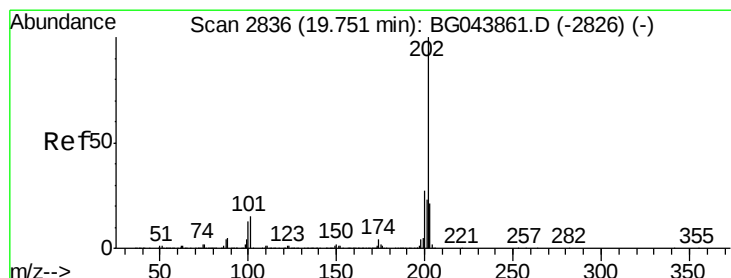
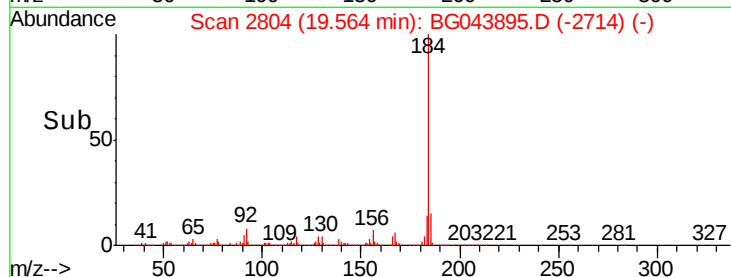
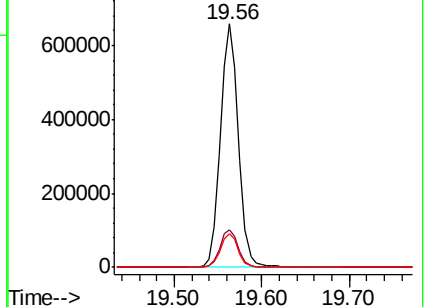
183 13.9 10.6 15.8



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: 48.243 ng

RT: 19.75 min Scan# 2835

Delta R.T. -0.00 min

Lab File: BG043895.D

Acq: 3 Jan 2020 19:54

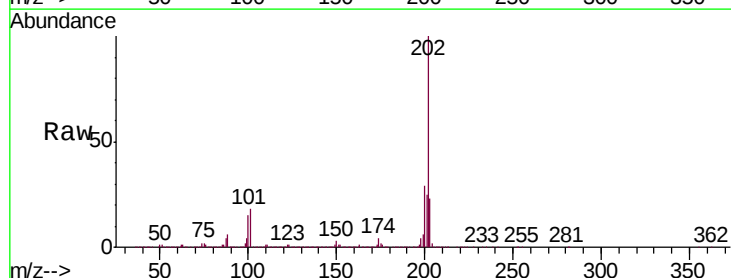
Tgt Ion:202 Resp: 2266052

Ion Ratio Lower Upper

202 100

200 28.7 21.7 32.5

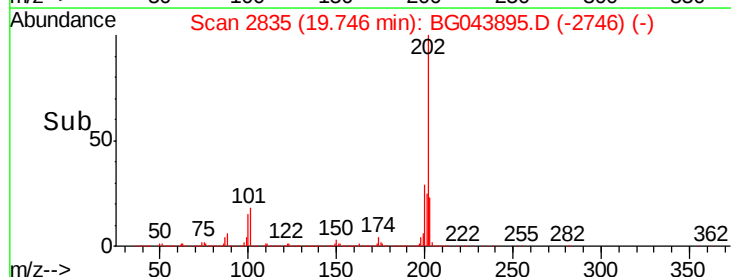
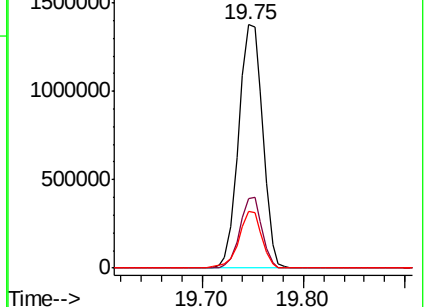
203 23.4 17.0 25.6



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: 93.355 ng

RT: 19.95 min Scan# 2870

Delta R.T. -0.00 min

Lab File: BG043895.D

Acq: 3 Jan 2020 19:54

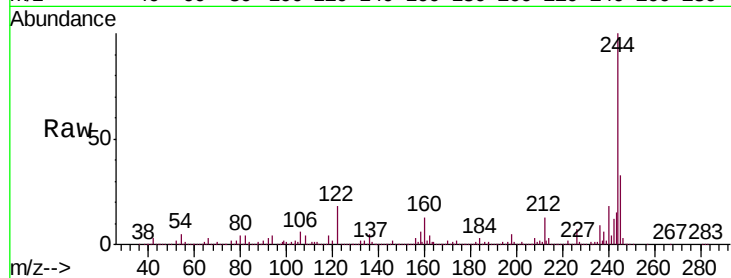
Tgt Ion:244 Resp: 2716252

Ion Ratio Lower Upper

244 100

212 12.7 8.6 13.0

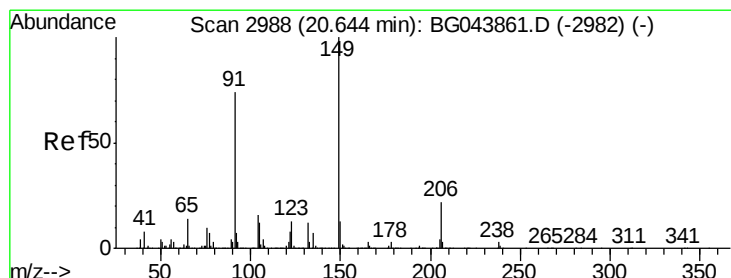
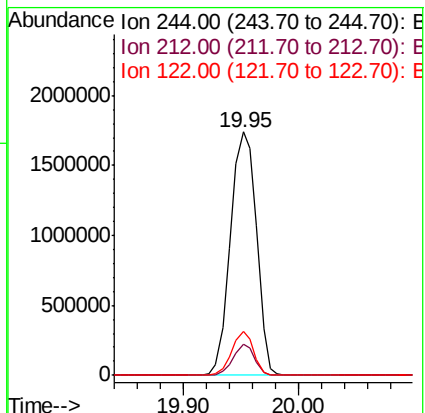
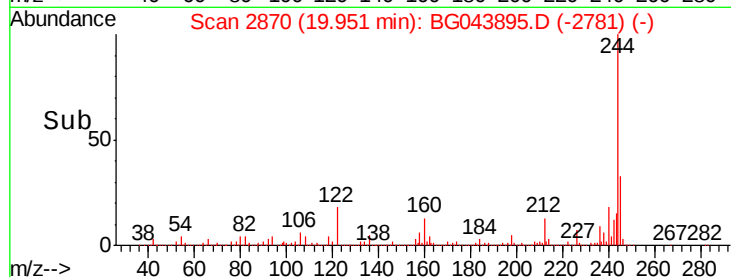
122 18.0 11.9 17.9#



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: 50.340 ng

RT: 20.64 min Scan# 2988

Delta R.T. 0.00 min

Lab File: BG043895.D

Acq: 3 Jan 2020 19:54

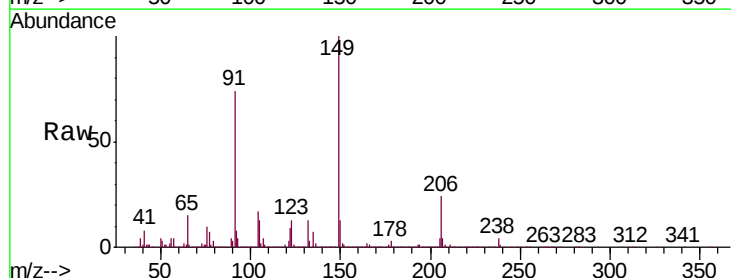
Tgt Ion:149 Resp: 1125733

Ion Ratio Lower Upper

149 100

91 73.6 59.5 89.3

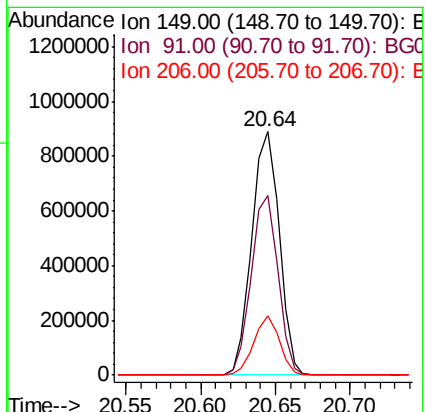
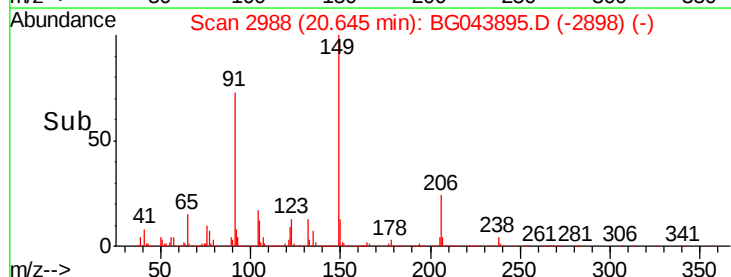
206 24.3 17.8 26.6

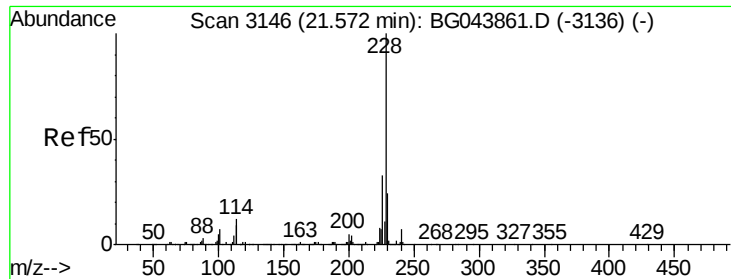


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.904 ng

RT: 21.57 min Scan# 3146

Delta R.T. 0.00 min

Lab File: BG043895.D

Acq: 3 Jan 2020 19:54

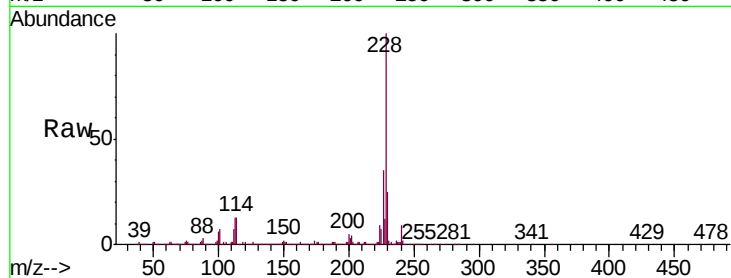
Tgt Ion:228 Resp: 2182144

Ion Ratio Lower Upper

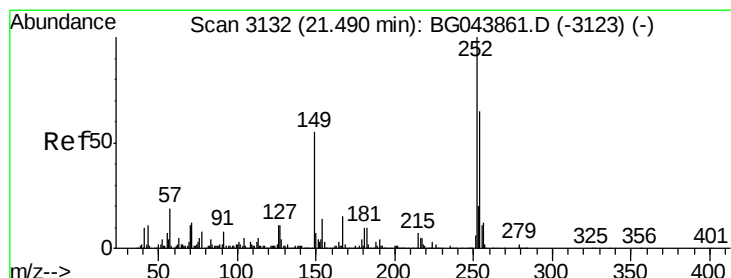
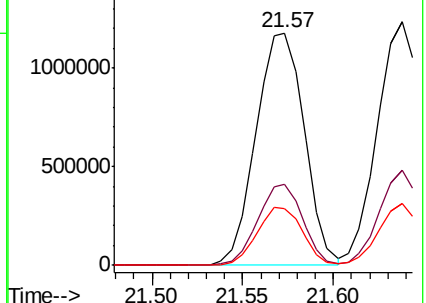
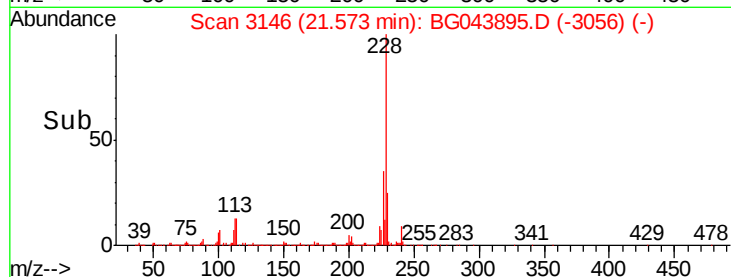
228 100

226 34.6 26.2 39.4

229 24.6 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: 24.017 ng

RT: 21.48 min Scan# 3131

Delta R.T. -0.00 min

Lab File: BG043895.D

Acq: 3 Jan 2020 19:54

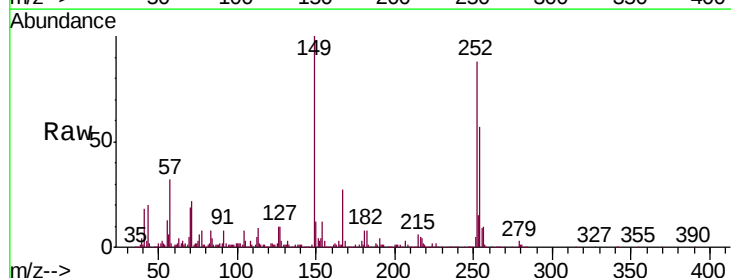
Tgt Ion:252 Resp: 423390

Ion Ratio Lower Upper

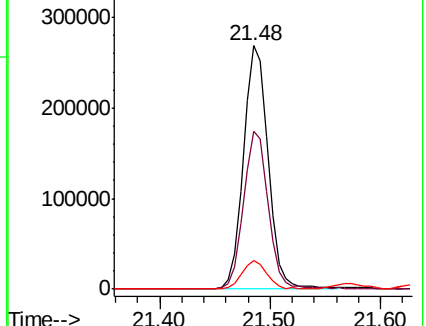
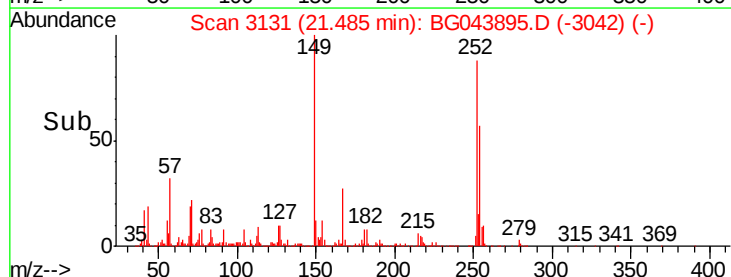
252 100

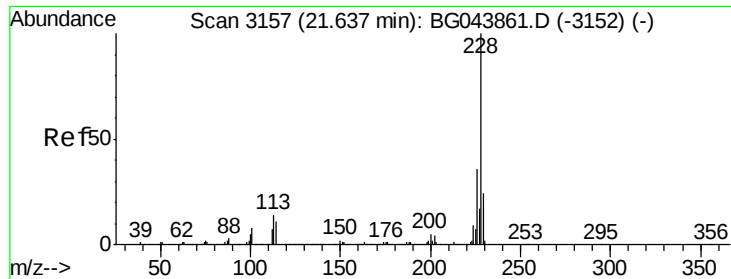
254 64.6 52.1 78.1

126 12.0 9.1 13.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

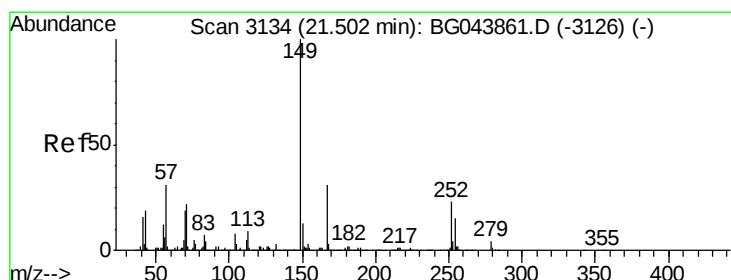
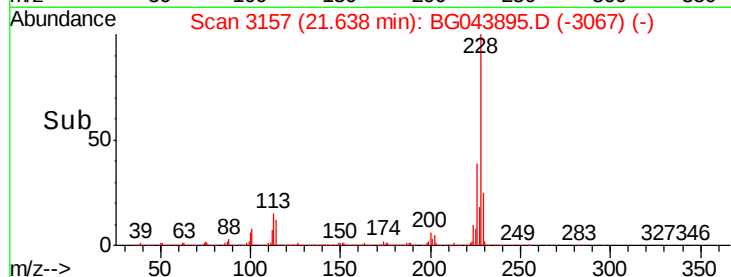
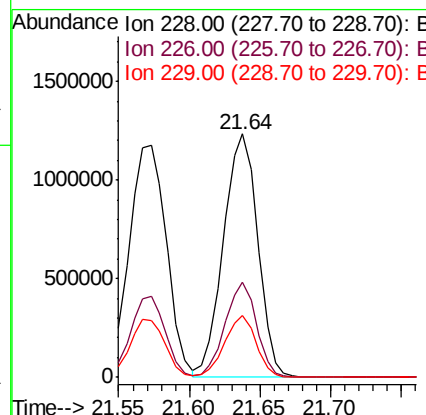
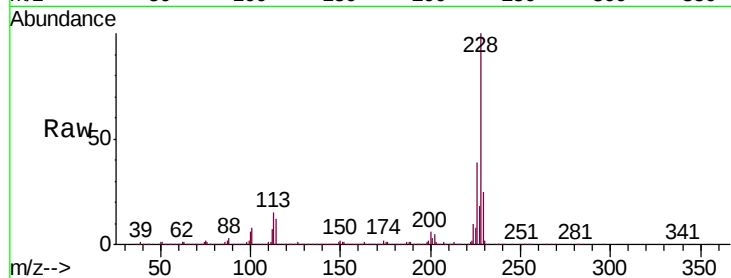




#83
Chrysene
Concen: 49.086 ng
RT: 21.64 min Scan# 3157
Delta R.T. 0.00 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

Tgt Ion: 228 Resp: 2081172

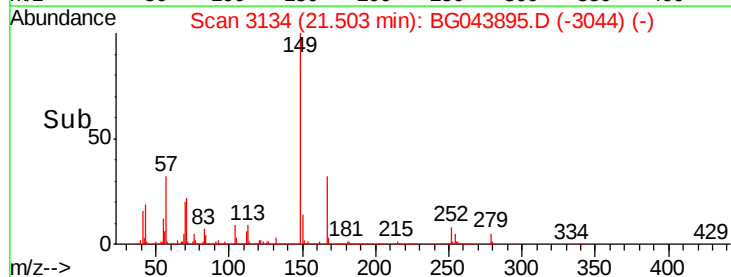
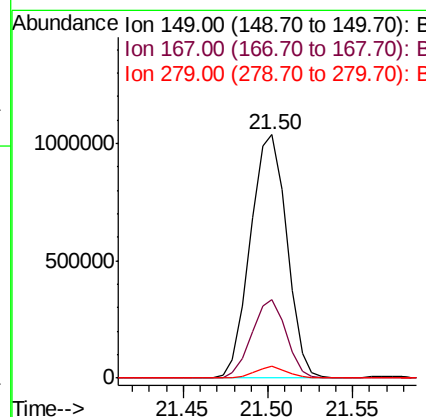
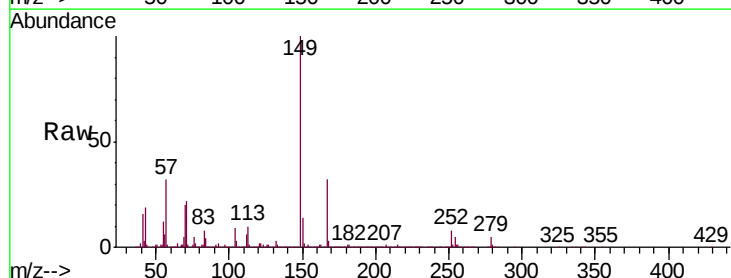
Ion	Ratio	Lower	Upper
228	100		
226	38.8	28.8	43.2
229	25.5	19.0	28.6

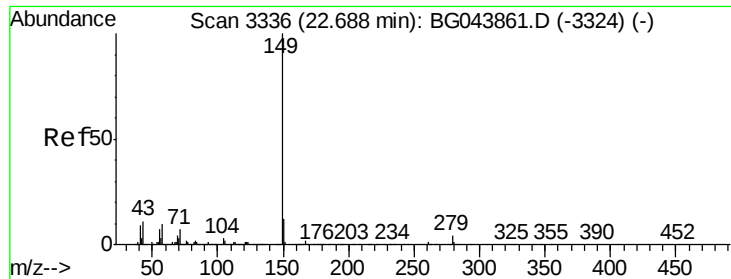


#84
Bis(2-ethylhexyl)phthalate
Concen: 50.630 ng
RT: 21.50 min Scan# 3134
Delta R.T. 0.00 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

Tgt Ion: 149 Resp: 1562263

Ion	Ratio	Lower	Upper
149	100		
167	32.3	24.7	37.1
279	4.7	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 50.987 ng

RT: 22.68 min Scan# 3335

Delta R.T. -0.00 min

Lab File: BG043895.D

Acq: 3 Jan 2020 19:54

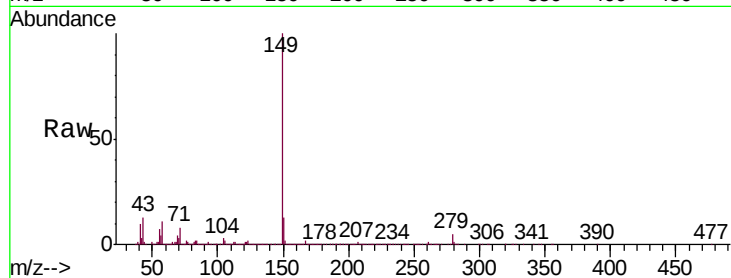
Tgt Ion:149 Resp: 2644905

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

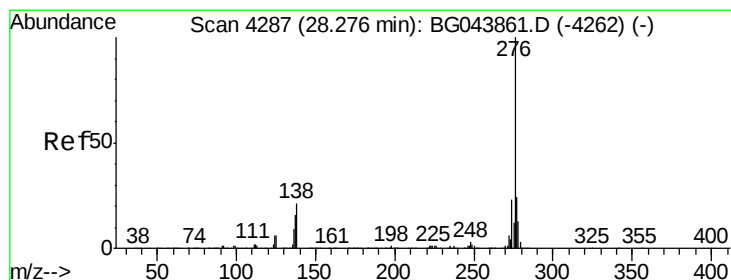
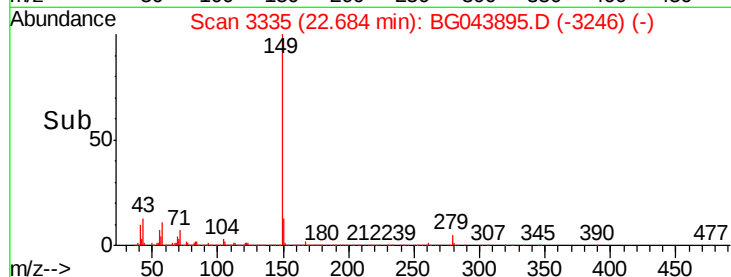
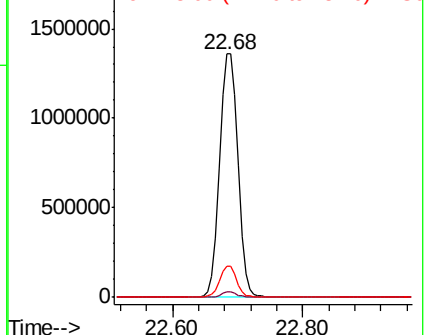
43 11.7 8.8 13.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 49.967 ng

RT: 28.27 min Scan# 4286

Delta R.T. -0.00 min

Lab File: BG043895.D

Acq: 3 Jan 2020 19:54

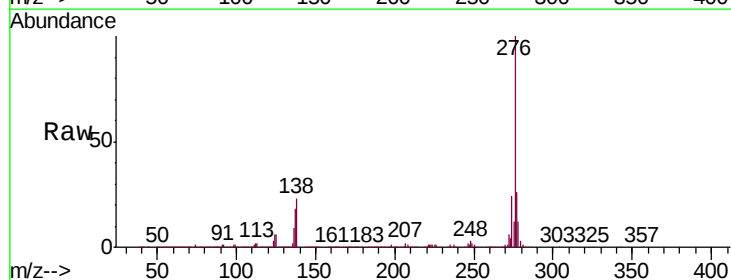
Tgt Ion:276 Resp: 2879087

Ion Ratio Lower Upper

276 100

138 27.3 21.0 31.4

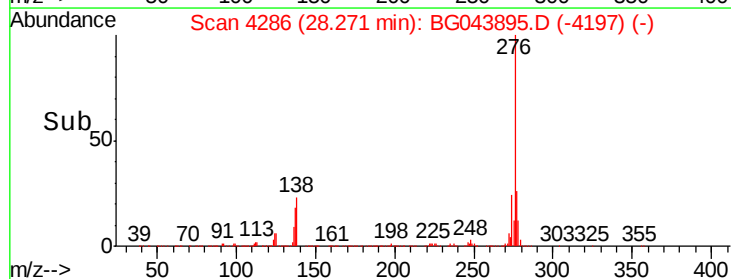
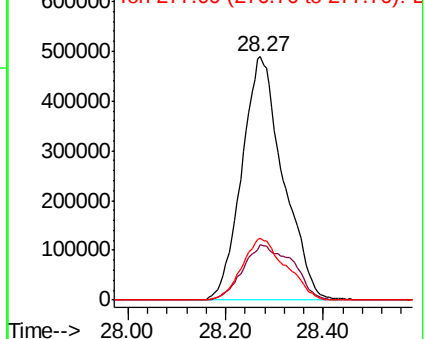
277 26.8 21.1 31.7

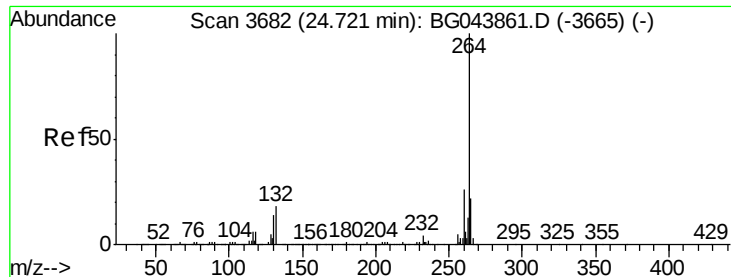


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 24.72 min Scan# 3681

Delta R.T. -0.00 min

Lab File: BG043895.D

Acq: 3 Jan 2020 19:54

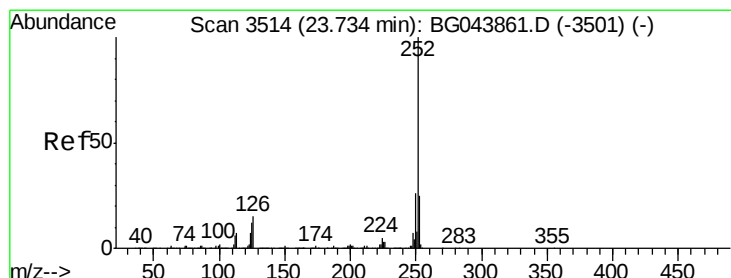
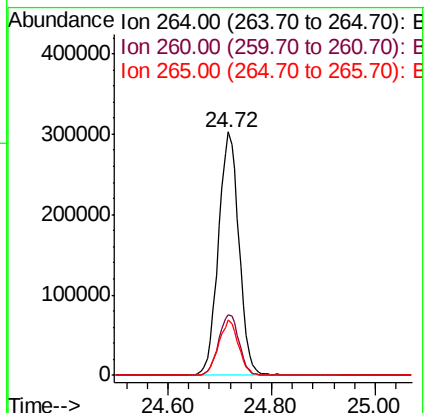
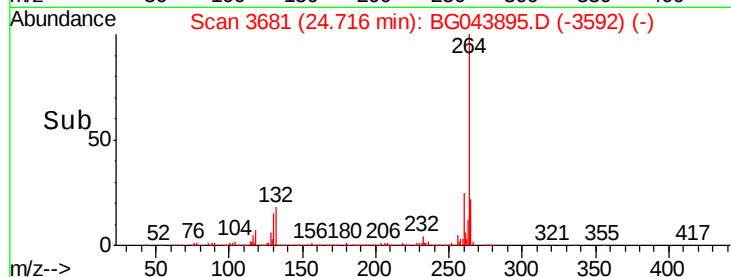
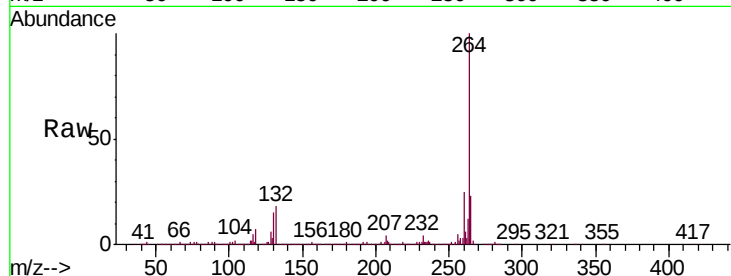
Tgt Ion:264 Resp: 833525

Ion Ratio Lower Upper

264 100

260 25.1 20.4 30.6

265 22.7 17.4 26.2



#88

Benzo(b)fluoranthene

Concen: 48.433 ng

RT: 23.73 min Scan# 3513

Delta R.T. -0.00 min

Lab File: BG043895.D

Acq: 3 Jan 2020 19:54

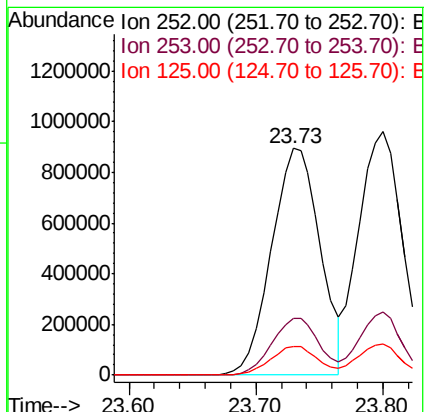
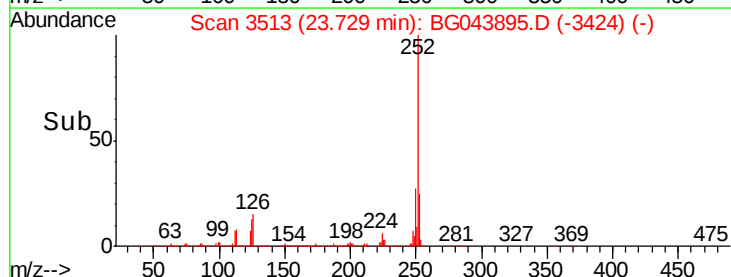
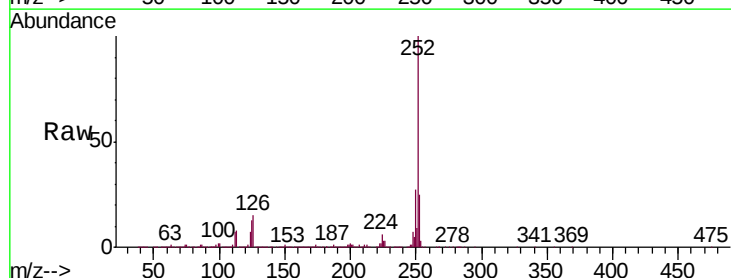
Tgt Ion:252 Resp: 2386588

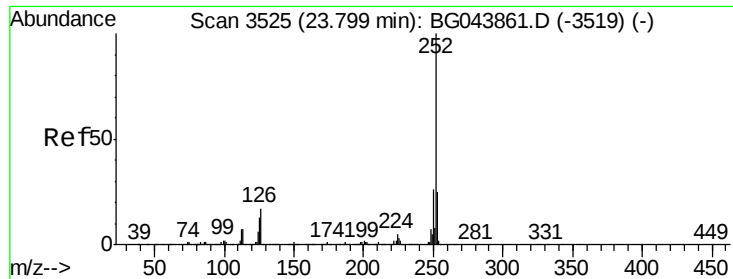
Ion Ratio Lower Upper

252 100

253 25.3 19.7 29.5

125 12.6 9.4 14.2





#89

Benzo(k)fluoranthene

Concen: 49.197 ng

RT: 23.80 min Scan# 3525

Delta R.T. 0.00 min

Lab File: BG043895.D

Acq: 3 Jan 2020 19:54

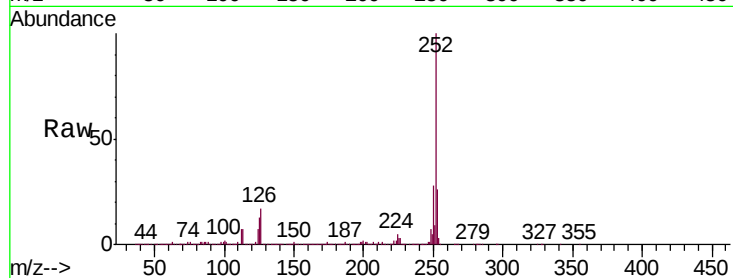
Tgt Ion:252 Resp: 2305270

Ion Ratio Lower Upper

252 100

253 25.9 19.4 29.2

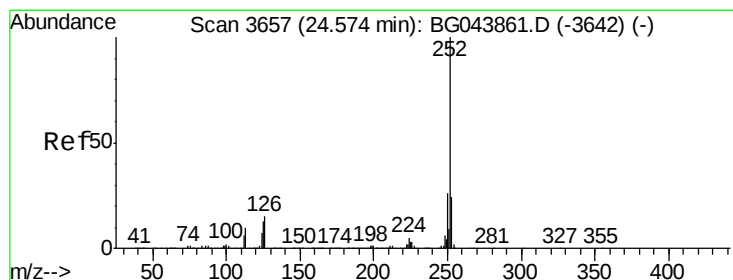
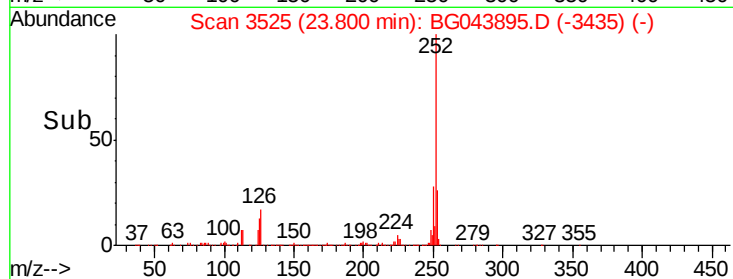
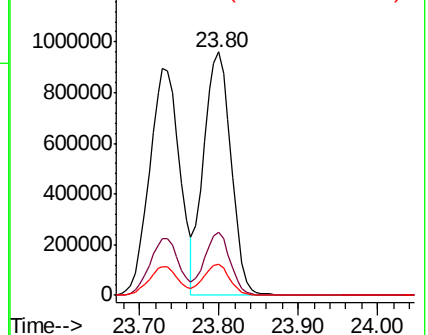
125 12.9 9.9 14.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 47.634 ng

RT: 24.58 min Scan# 3657

Delta R.T. 0.00 min

Lab File: BG043895.D

Acq: 3 Jan 2020 19:54

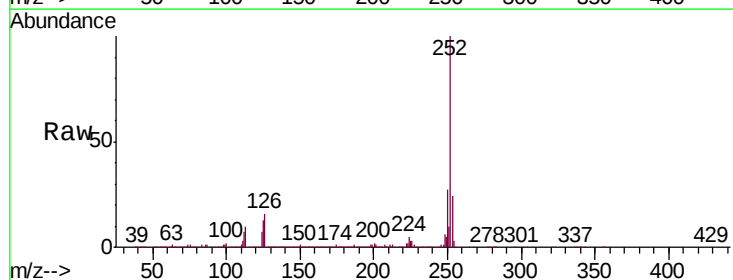
Tgt Ion:252 Resp: 2215359

Ion Ratio Lower Upper

252 100

253 24.3 19.3 28.9

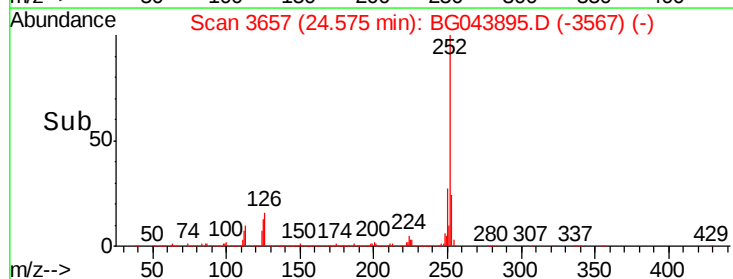
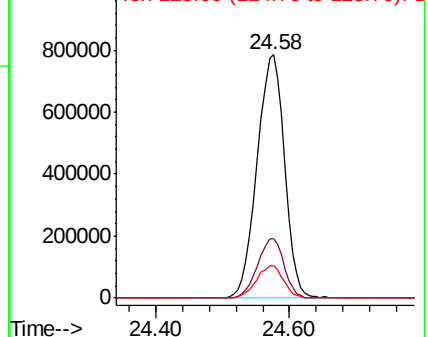
125 13.4 10.4 15.6

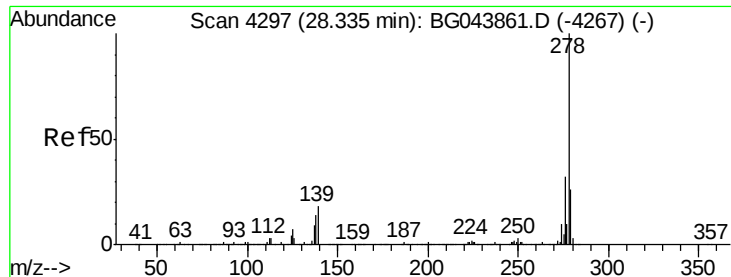


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

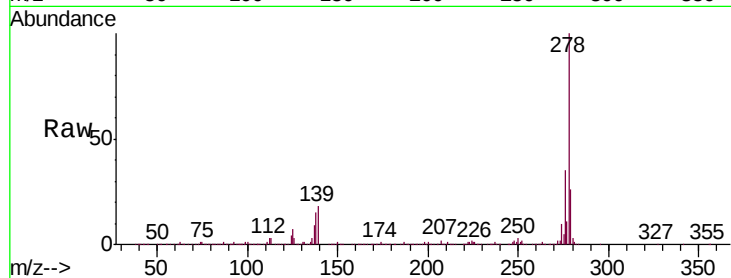




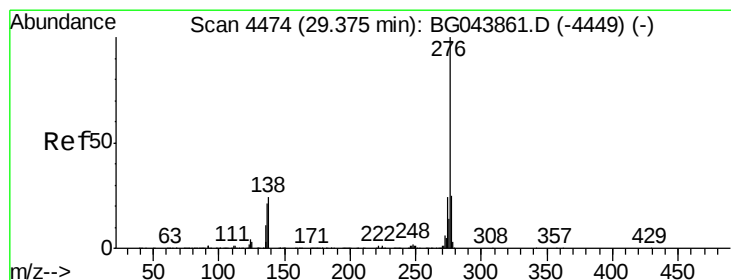
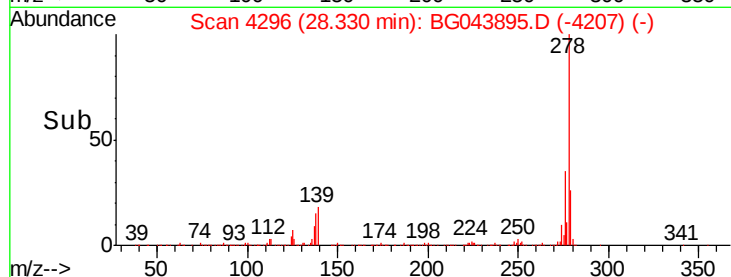
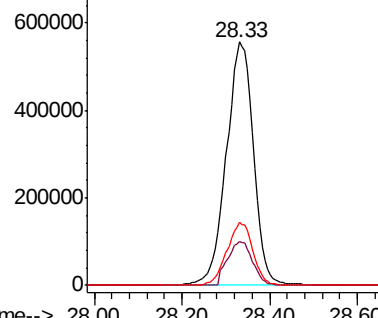
#91
Dibenzo(a,h)anthracene
Concen: 50.434 ng
RT: 28.33 min Scan# 4296
Delta R.T. -0.00 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

Tgt Ion:278 Resp: 2355647

Ion	Ratio	Lower	Upper
278	100		
139	18.1	14.2	21.4
279	26.1	20.6	30.8



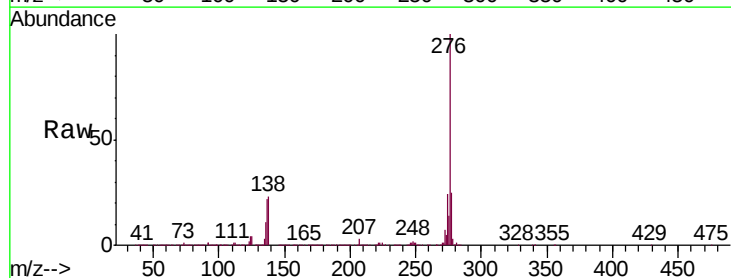
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 51.517 ng
RT: 29.38 min Scan# 4475
Delta R.T. 0.01 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

Tgt Ion:276 Resp: 2390151

Ion	Ratio	Lower	Upper
276	100		
277	24.7	20.2	30.4
138	22.9	19.0	28.6



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

