

Data File : BG043894.D
Acq On : 3 Jan 2020 19:15
Operator : JU
Sample : K6464-04MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 04 04:41:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	136737	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	594732	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	398590	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	837133	20.00	ng	0.00
76) Chrysene-d12	21.59	240	700540	20.00	ng	0.00
87) Perylene-d12	24.72	264	817218	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	529080	71.05	ng	0.00
7) Phenol-d6	7.12	99	462128	44.39	ng	0.00
23) Nitrobenzene-d5	9.12	82	989638	89.02	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	617382	148.01	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	2036665	92.58	ng	0.00
79) Terphenyl-d14	19.95	244	2656372	93.95	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.44	88	55362	17.050	ng	94
3) Pyridine	3.83	79	115354	12.026	ng	97
4) n-Nitrosodimethylamine	3.75	42	74924	17.544	ng	# 95
6) Aniline	7.28	93	183496	13.421	ng	100
8) 2-Chlorophenol	7.53	128	365162	41.768	ng	99
9) Benzaldehyde	7.10	77	311458	46.749	ng	97
10) Phenol	7.15	94	182799	17.044	ng	99
11) bis(2-Chloroethyl)ether	7.38	93	441979	47.740	ng	97
12) 1,3-Dichlorobenzene	7.85	146	405292	39.615	ng	98
13) 1,4-Dichlorobenzene	8.00	146	408427	40.460	ng	99
14) 1,2-Dichlorobenzene	8.32	146	399125	41.193	ng	99
15) Benzyl Alcohol	8.19	79	234692	28.567	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.50	45	642236	44.839	ng	99
17) 2-Methylphenol	8.41	107	264934	34.135	ng	97
18) Hexachloroethane	9.05	117	149396	38.035	ng	98
19) n-Nitroso-di-n-propylamine	8.77	70	367620	47.421	ng	96
20) 3+4-Methylphenols	8.73	107	324201	29.943	ng	97
22) Acetophenone	8.78	105	656967	44.433	ng	98
24) Nitrobenzene	9.16	77	504564	45.824	ng	99
25) Isophorone	9.69	82	994091	47.662	ng	99
26) 2-Nitrophenol	9.87	139	248795	47.759	ng	97
27) 2,4-Dimethylphenol	9.94	122	397337	50.669	ng	99
28) bis(2-Chloroethoxy)methane	10.17	93	629313	45.258	ng	99
29) 2,4-Dichlorophenol	10.41	162	432134	46.199	ng	97
30) 1,2,4-Trichlorobenzene	10.63	180	413979	39.472	ng	98
31) Naphthalene	10.81	128	1284583	44.635	ng	100
32) Benzoic acid	10.02	122	61586	14.648	ng	96
33) 4-Chloroaniline	10.91	127	141476	10.306	ng	97
34) Hexachlorobutadiene	11.11	225	226036	35.299	ng	100
35) Caprolactam	11.73	113	11384	3.269	ng	97
36) 4-Chloro-3-methylphenol	12.04	107	441628	44.350	ng	97
37) 2-Methylnaphthalene	12.42	142	983831	45.406	ng	99
38) 1-Methylnaphthalene	12.64	142	948540	46.190	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	473669	40.545	ng	99

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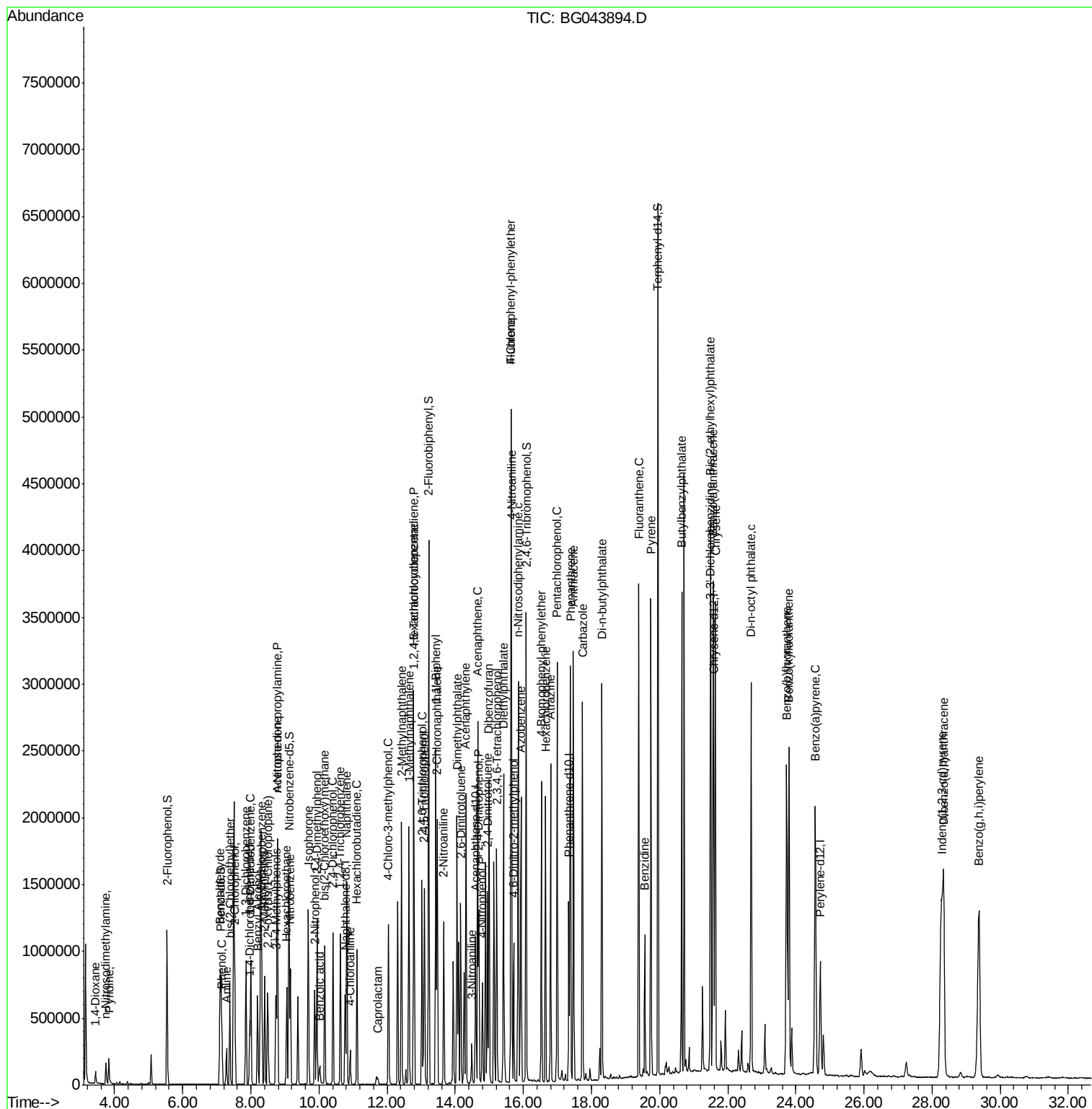
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	551440	91.045	ng	99
43) 2,4,6-Trichlorophenol	13.02	196	371839	46.257	ng	98
44) 2,4,5-Trichlorophenol	13.09	196	391596	47.232	ng	98
46) 1,1'-Biphenyl	13.43	154	1272928	44.542	ng	98
47) 2-Chloronaphthalene	13.47	162	994801	43.078	ng	99
48) 2-Nitroaniline	13.66	65	332685	44.786	ng	99
49) Acenaphthylene	14.32	152	1572700	47.382	ng	99
50) Dimethylphthalate	14.05	163	1374701	48.573	ng	99
51) 2,6-Dinitrotoluene	14.16	165	315079	49.256	ng	97
52) Acenaphthene	14.66	154	1044411	44.869	ng	98
53) 3-Nitroaniline	14.49	138	77757	10.704	ng	# 99
54) 2,4-Dinitrophenol	14.69	184	310318	94.180	ng	96
55) Dibenzofuran	14.99	168	1526451	47.637	ng	98
56) 4-Nitrophenol	14.80	139	210421	37.801	ng	93
57) 2,4-Dinitrotoluene	14.95	165	424355	48.753	ng	97
58) Fluorene	15.64	166	1212133	47.726	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.22	232	356425	49.995	ng	99
60) Diethylphthalate	15.42	149	1371853	48.463	ng	100
61) 4-Chlorophenyl-phenylether	15.64	204	640333	46.432	ng	99
62) 4-Nitroaniline	15.66	138	291975	40.702	ng	97
63) Azobenzene	15.93	77	1296735	49.396	ng	98
65) 4,6-Dinitro-2-methylphenol	15.71	198	229510	52.735	ng	98
66) n-Nitrosodiphenylamine	15.85	169	1162231	47.145	ng	99
67) 4-Bromophenyl-phenylether	16.53	248	421734	44.793	ng	99
68) Hexachlorobenzene	16.65	284	442235	43.591	ng	98
69) Atrazine	16.80	200	435345	54.327	ng	99
70) Pentachlorophenol	16.99	266	556356	99.482	ng	99
71) Phenanthrene	17.38	178	1898416	47.279	ng	98
72) Anthracene	17.47	178	1946745	49.058	ng	96
73) Carbazole	17.74	167	1800276	49.113	ng	98
74) Di-n-butylphthalate	18.31	149	2143543	45.802	ng	98
75) Fluoranthene	19.39	202	2123452	46.242	ng	96
77) Benzidine	19.56	184	587868	33.385	ng	99
78) Pyrene	19.75	202	2145627	46.923	ng	98
80) Butylbenzylphthalate	20.64	149	1050346	48.247	ng	98
81) Benzo(a)anthracene	21.57	228	2050497	47.205	ng	98
82) 3,3'-Dichlorobenzidine	21.48	252	417220	24.311	ng	98
83) Chrysene	21.64	228	1966318	47.639	ng	98
84) Bis(2-ethylhexyl)phthalate	21.50	149	1479083	49.239	ng	98
85) Di-n-octyl phthalate	22.69	149	2506259	49.629	ng	99
86) Indeno(1,2,3-cd)pyrene	28.27	276	2687506	47.912	ng	# 93
88) Benzo(b)fluoranthene	23.73	252	2232377	46.208	ng	99
89) Benzo(k)fluoranthene	23.80	252	2158884	46.992	ng	97
90) Benzo(a)pyrene	24.57	252	2084817	45.722	ng	100
91) Dibenzo(a,h)anthracene	28.34	278	2195940	47.953	ng	99
92) Benzo(g,h,i)perylene	29.37	276	2241311	49.273	ng	99

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

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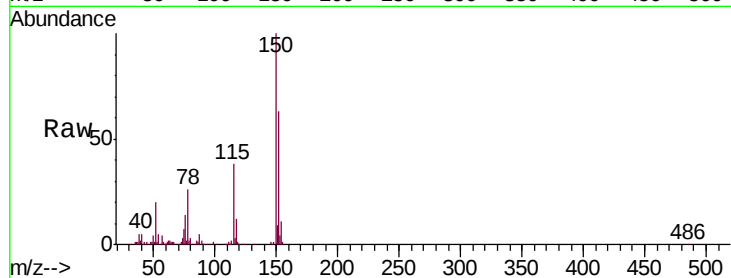




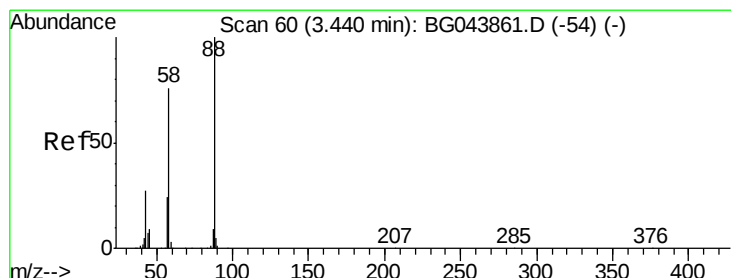
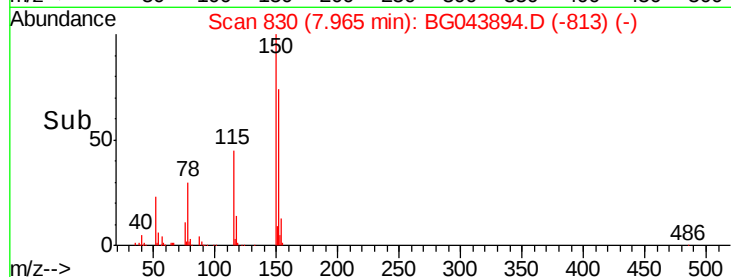
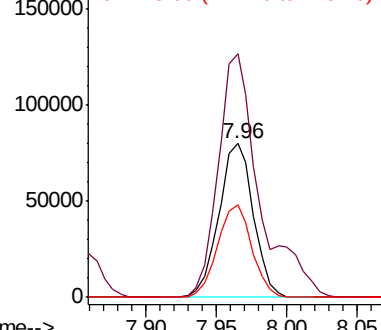
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 830
Delta R.T. 0.00 min
Lab File: BG043894.D
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Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.5	127.0	190.4
115	60.4	47.8	71.8



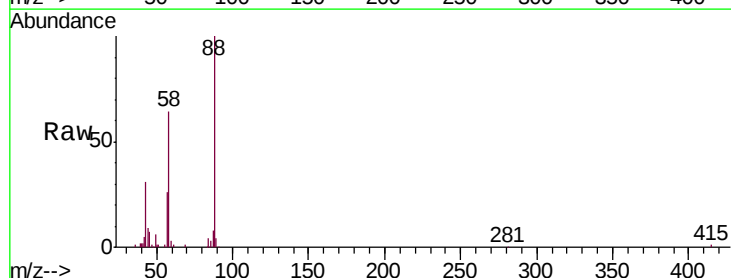
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



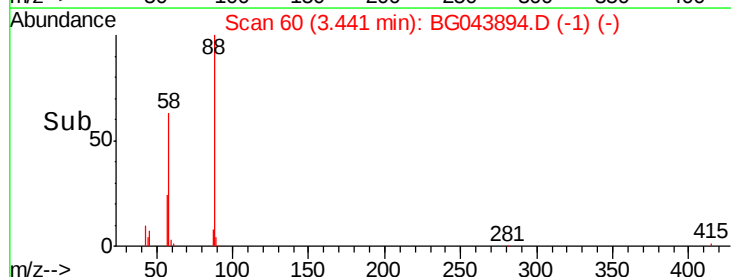
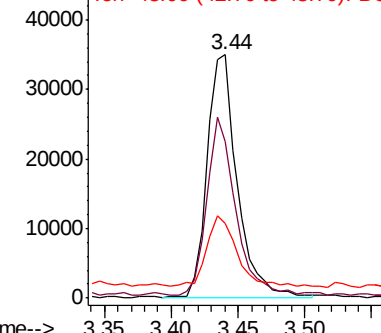
#2

1,4-Dioxane
Concen: 17.050 ng
RT: 3.44 min Scan# 60
Delta R.T. 0.00 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.5	59.8	89.8
43	30.7	22.9	34.3



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 12.026 ng

RT: 3.83 min Scan# 126

Delta R.T. 0.00 min

Lab File: BG043894.D

Acq: 3 Jan 2020 19:15

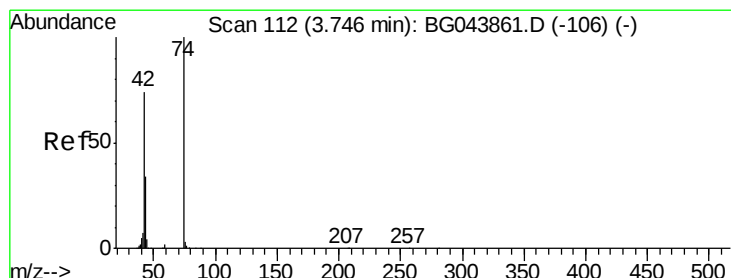
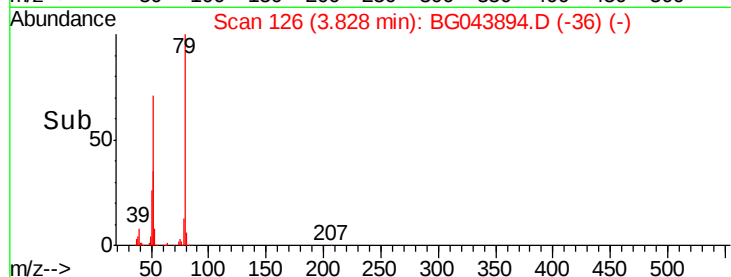
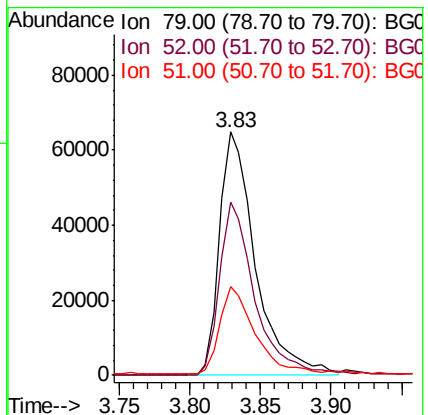
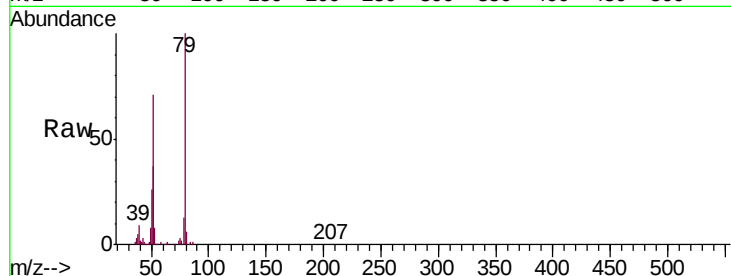
Tgt Ion: 79 Resp: 115354

Ion Ratio Lower Upper

79 100

52 71.1 58.9 88.3

51 36.7 28.6 43.0



#4

n-Nitrosodimethylamine

Concen: 17.544 ng

RT: 3.75 min Scan# 112

Delta R.T. 0.00 min

Lab File: BG043894.D

Acq: 3 Jan 2020 19:15

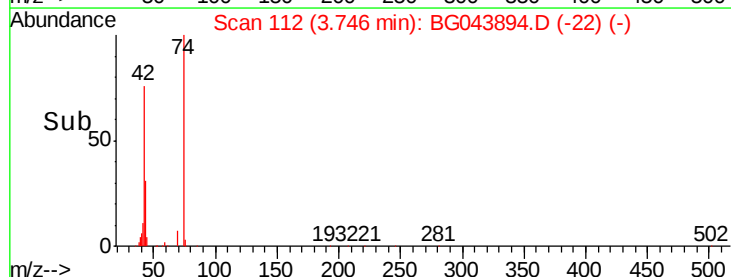
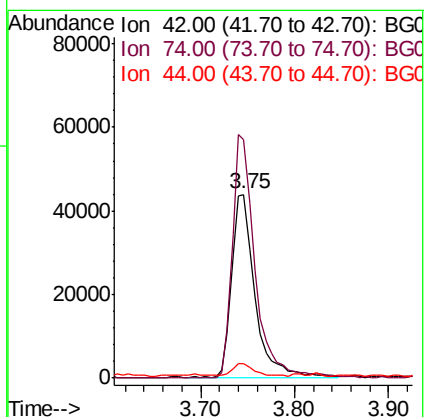
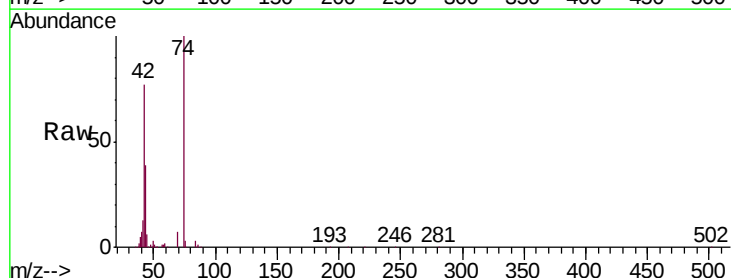
Tgt Ion: 42 Resp: 74924

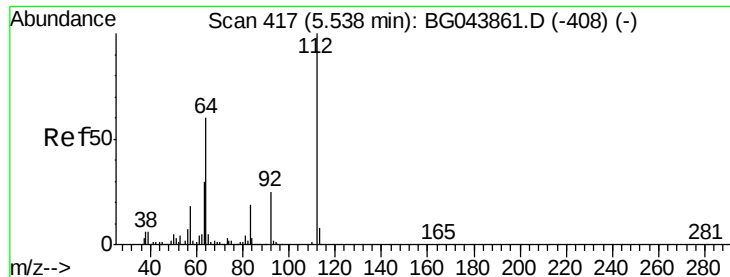
Ion Ratio Lower Upper

42 100

74 129.9 108.6 162.8

44 7.9 5.0 7.6#





#5

2-Fluorophenol

Concen: 71.045 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG043894.D

Acq: 3 Jan 2020 19:15

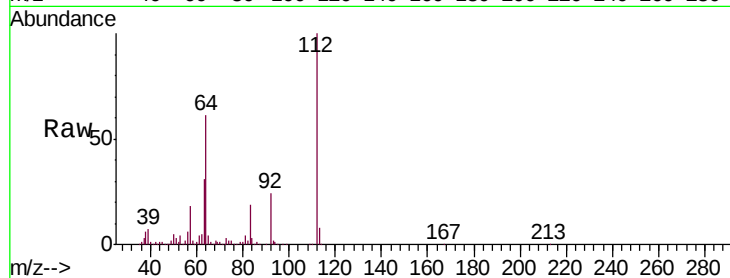
Tgt Ion: 112 Resp: 529080

Ion Ratio Lower Upper

112 100

64 60.8 47.8 71.6

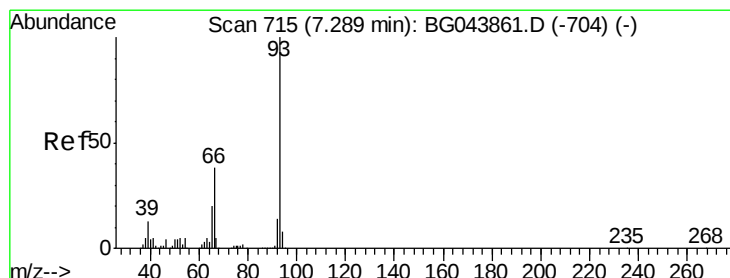
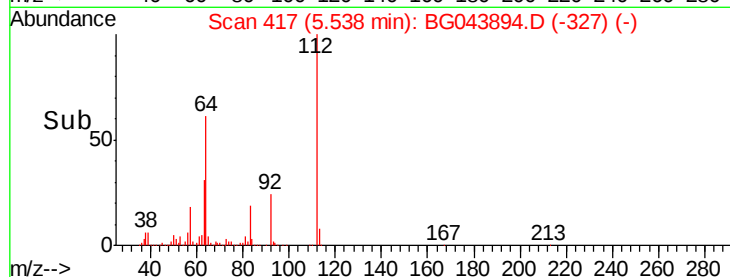
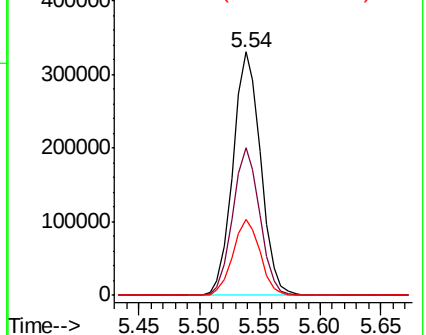
63 31.1 24.3 36.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 13.421 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG043894.D

Acq: 3 Jan 2020 19:15

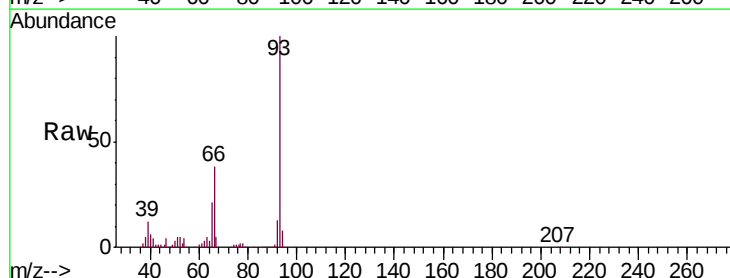
Tgt Ion: 93 Resp: 183496

Ion Ratio Lower Upper

93 100

66 38.5 30.8 46.2

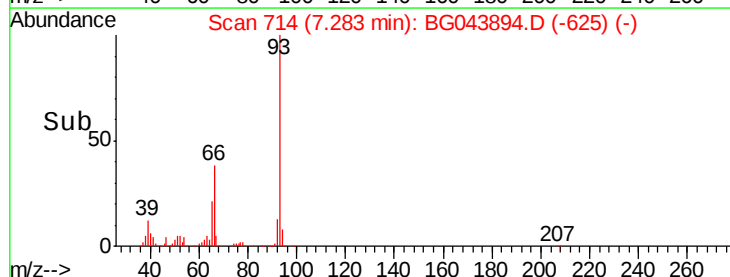
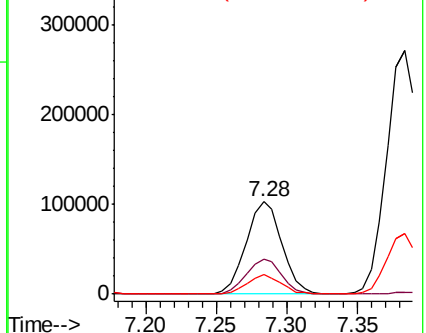
65 20.6 16.0 24.0



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: 44.394 ng

RT: 7.12 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG043894.D

Acq: 3 Jan 2020 19:15

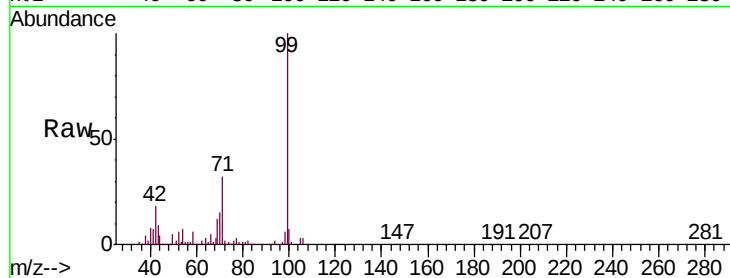
Tgt Ion: 99 Resp: 462128

Ion Ratio Lower Upper

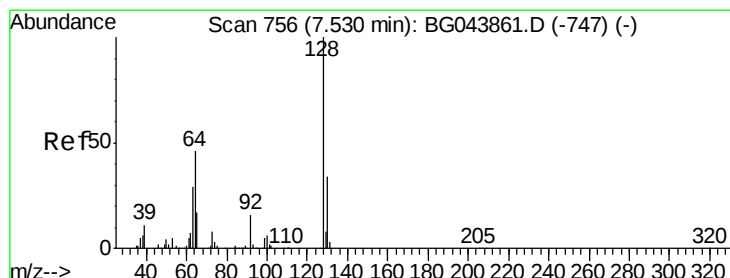
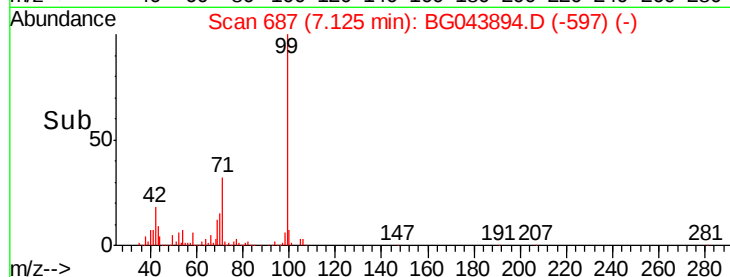
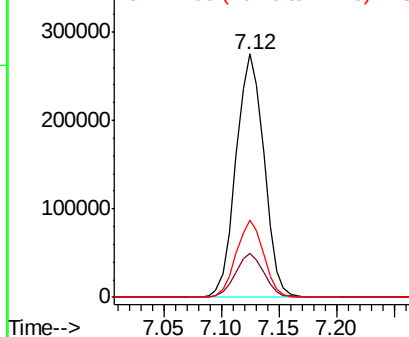
99 100

42 18.2 14.9 22.3

71 32.0 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: 41.768 ng

RT: 7.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BG043894.D

Acq: 3 Jan 2020 19:15

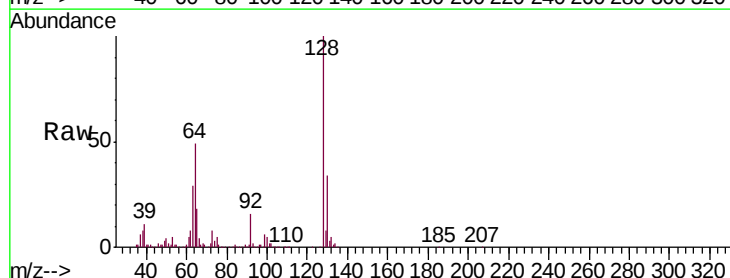
Tgt Ion: 128 Resp: 365162

Ion Ratio Lower Upper

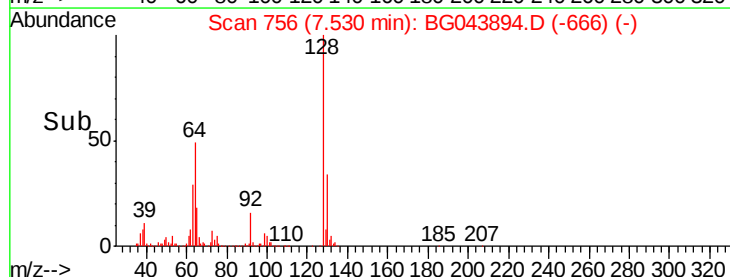
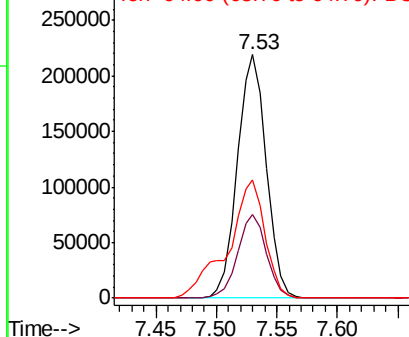
128 100

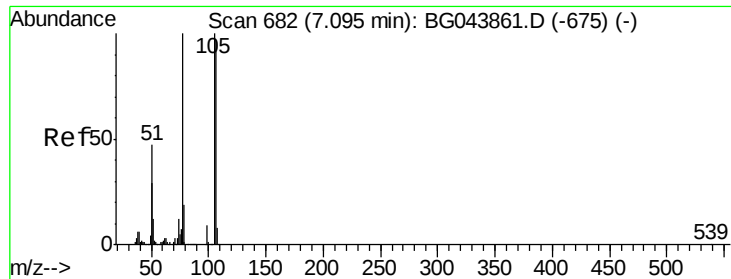
130 34.1 13.8 53.8

64 48.6 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: 46.749 ng

RT: 7.10 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG043894.D

Acq: 3 Jan 2020 19:15

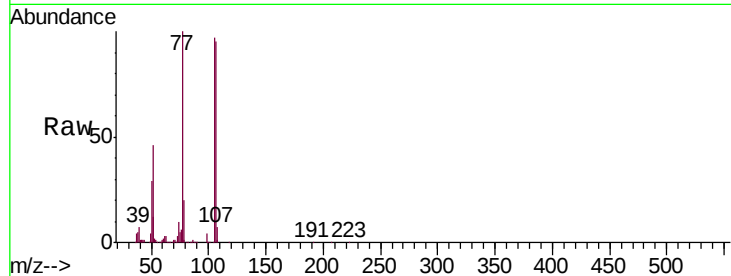
Tgt Ion: 77 Resp: 311458

Ion Ratio Lower Upper

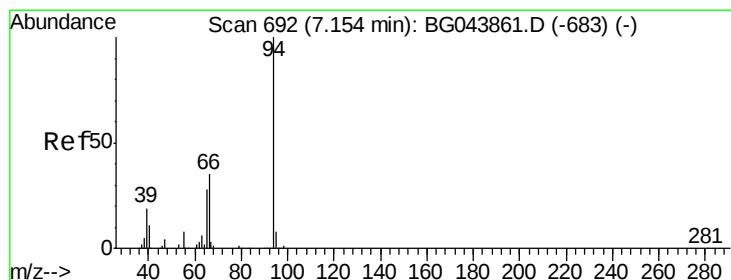
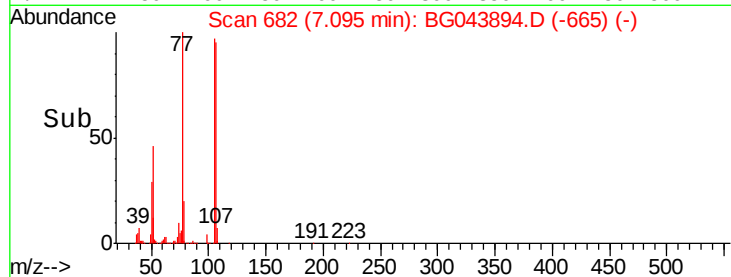
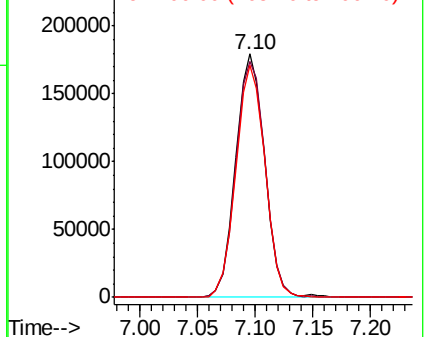
77 100

105 96.7 80.2 120.2

106 95.4 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: 17.044 ng

RT: 7.15 min Scan# 692

Delta R.T. 0.00 min

Lab File: BG043894.D

Acq: 3 Jan 2020 19:15

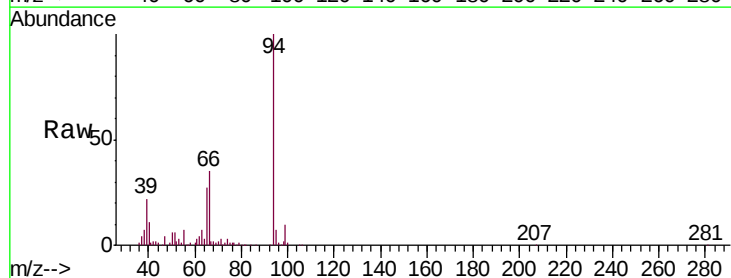
Tgt Ion: 94 Resp: 182799

Ion Ratio Lower Upper

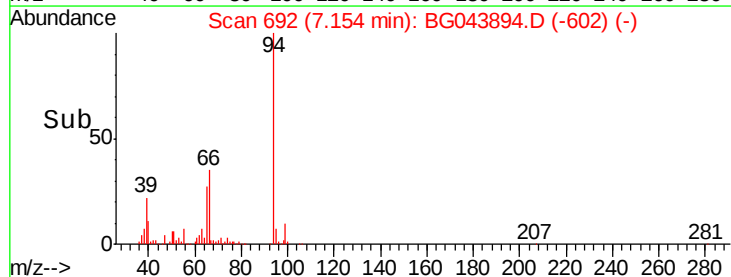
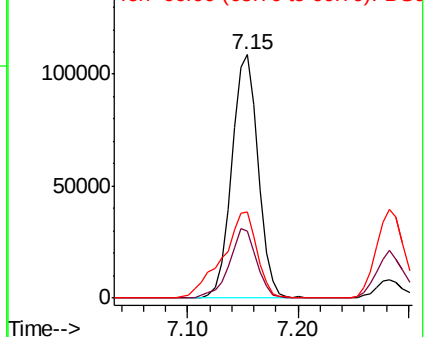
94 100

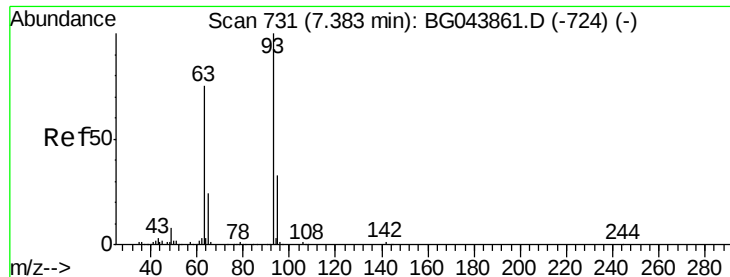
65 27.4 8.1 48.1

66 35.2 15.6 55.6



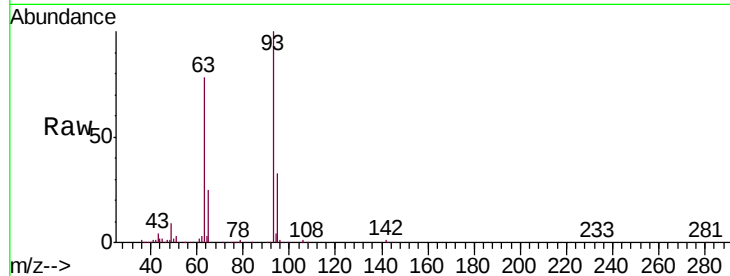
Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



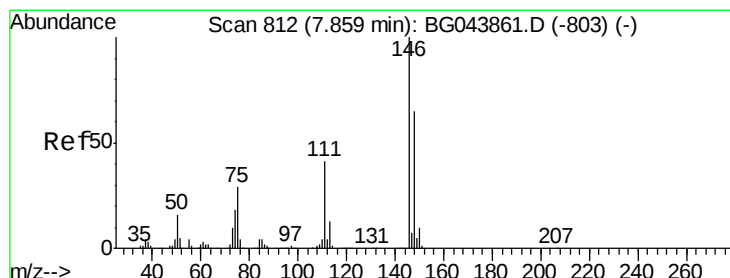
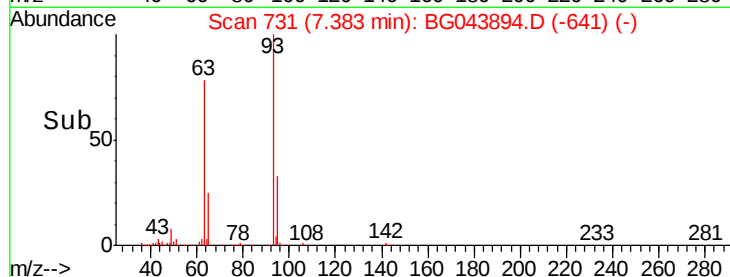
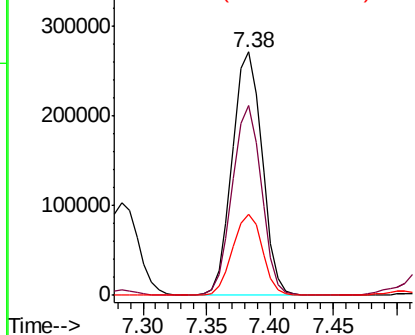


#11
bis(2-Chloroethyl)ether
Concen: 47.740 ng
RT: 7.38 min Scan# 731
Delta R.T. 0.00 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

Tgt Ion	Ratio	Lower	Upper
93	100		
63	78.1	55.0	95.0
95	33.2	13.3	53.3

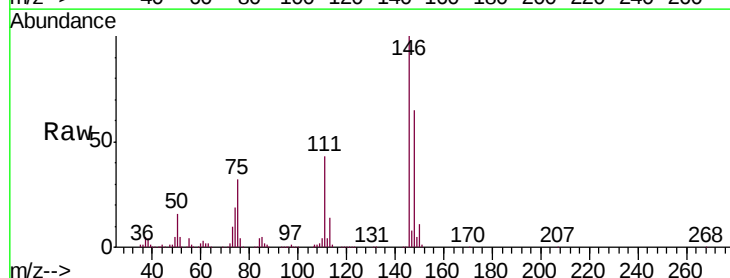


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

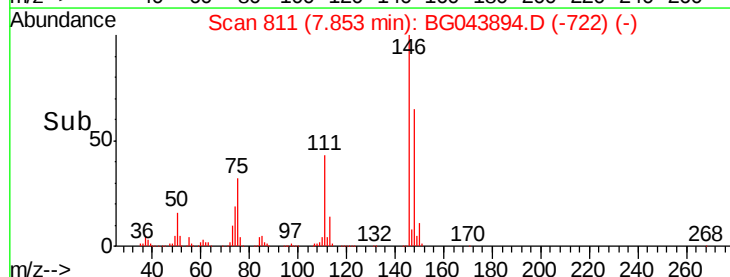
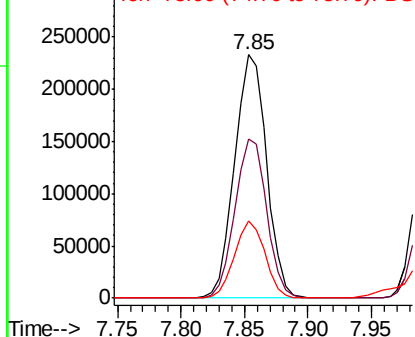


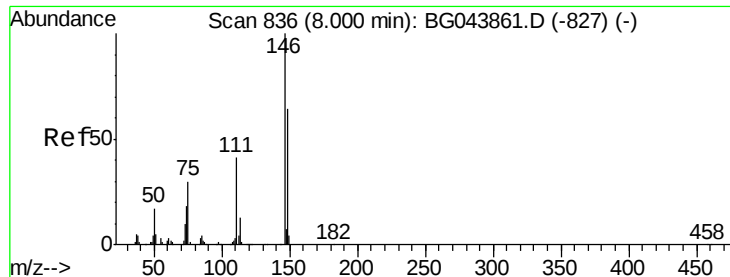
#12
1,3-Dichlorobenzene
Concen: 39.615 ng
RT: 7.85 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	52.1	78.1
75	31.6	23.0	34.4



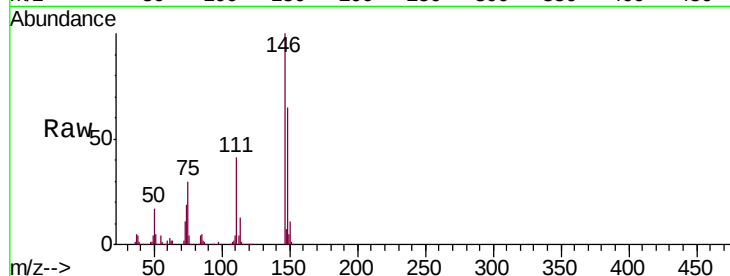
Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC



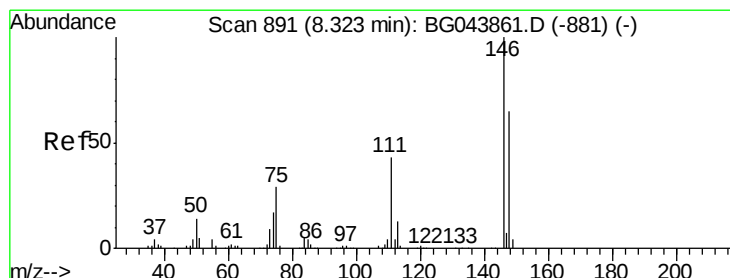
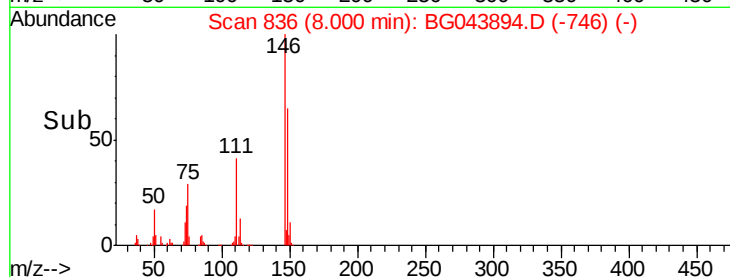
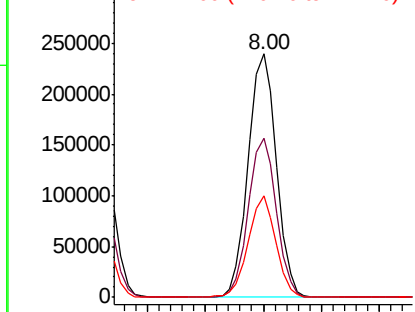


#13
1,4-Dichlorobenzene
Concen: 40.460 ng
RT: 8.00 min Scan# 836
Delta R.T. 0.00 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.2	76.8
111	41.5	33.1	49.7

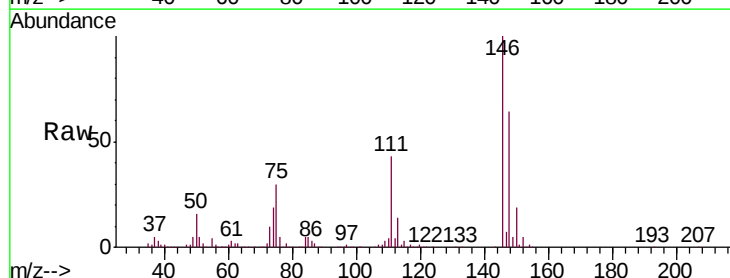


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

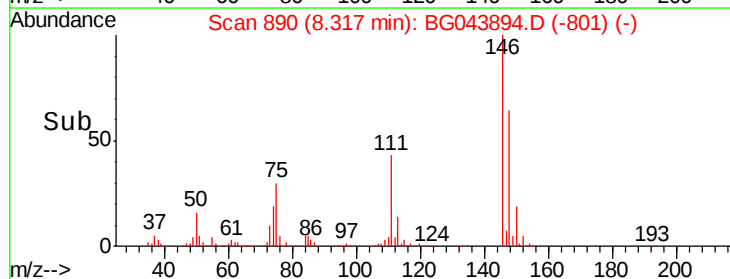
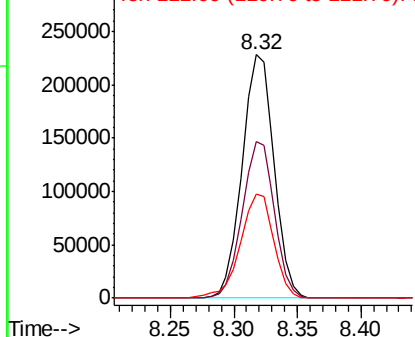


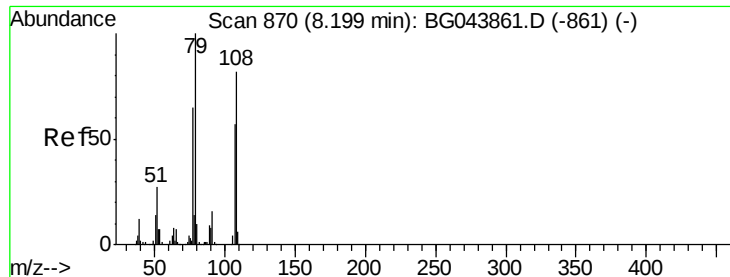
#14
1,2-Dichlorobenzene
Concen: 41.193 ng
RT: 8.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.7	77.5
111	42.6	34.4	51.6



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





#15

Benzyl Alcohol

Concen: 28.567 ng

RT: 8.19 min Scan# 869

Delta R.T. -0.01 min

Lab File: BG043894.D

Acq: 3 Jan 2020 19:15

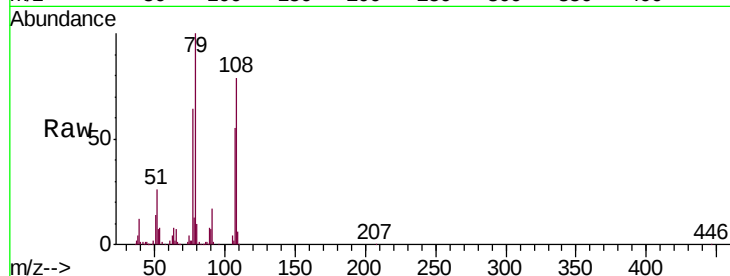
Tgt Ion: 79 Resp: 234692

Ion Ratio Lower Upper

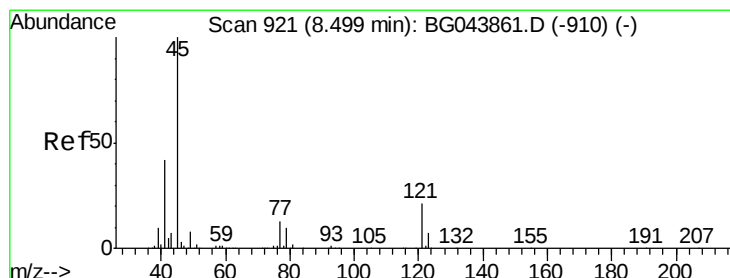
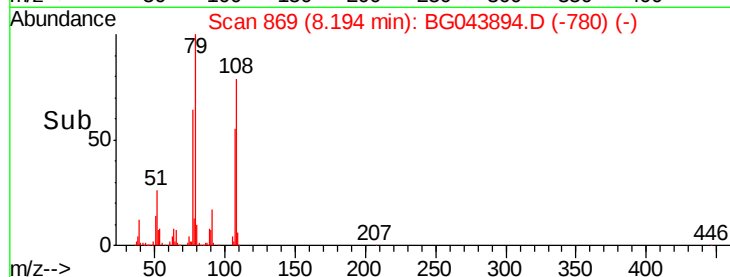
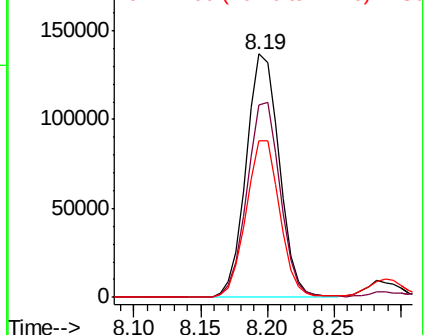
79 100

108 79.2 65.6 98.4

77 64.2 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: 44.839 ng

RT: 8.50 min Scan# 921

Delta R.T. 0.00 min

Lab File: BG043894.D

Acq: 3 Jan 2020 19:15

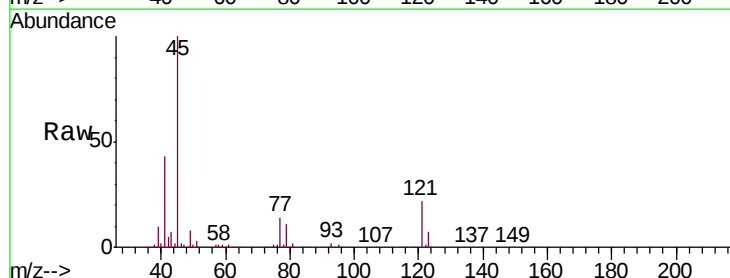
Tgt Ion: 45 Resp: 642236

Ion Ratio Lower Upper

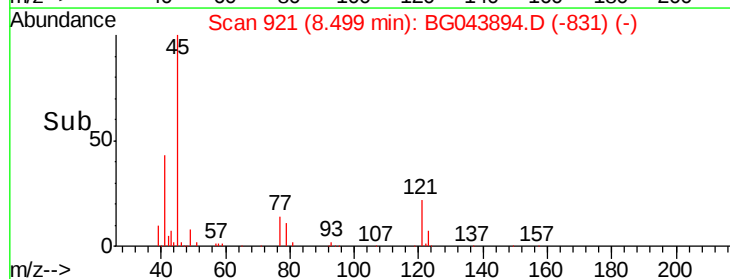
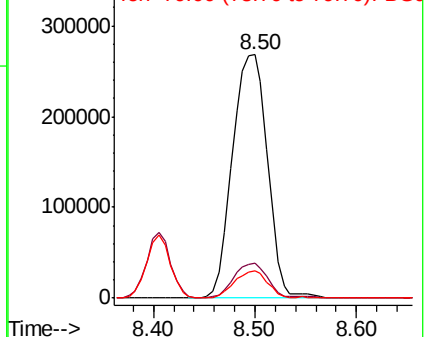
45 100

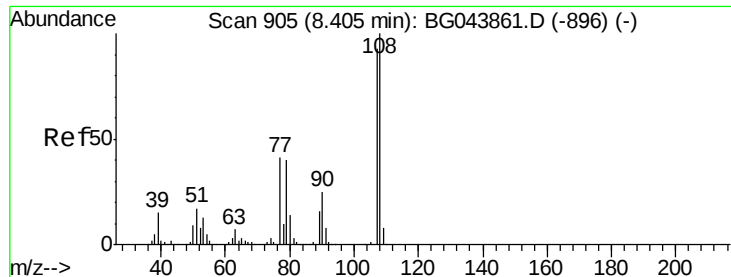
77 14.5 0.0 33.8

79 11.5 0.0 31.0



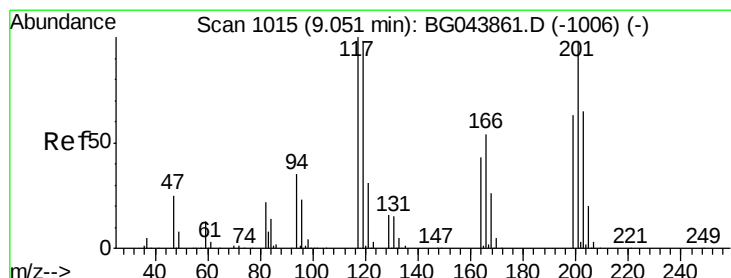
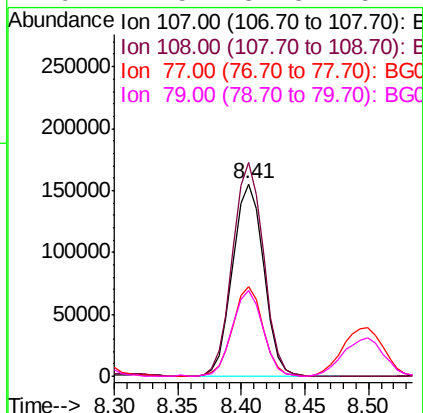
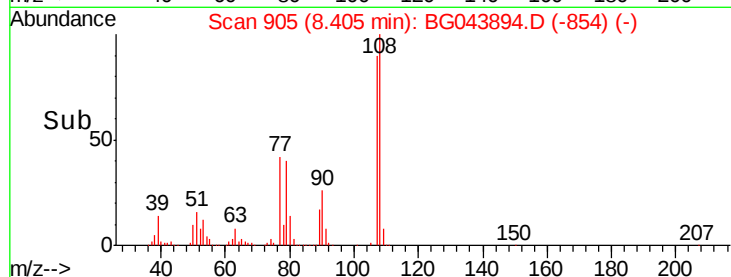
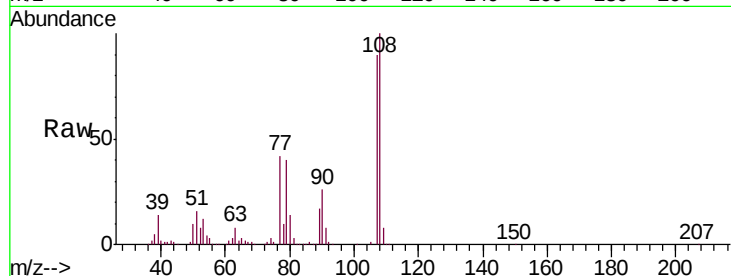
Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





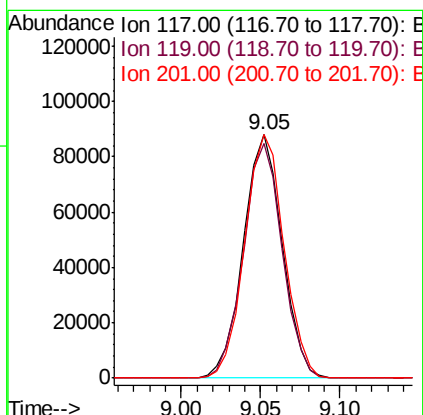
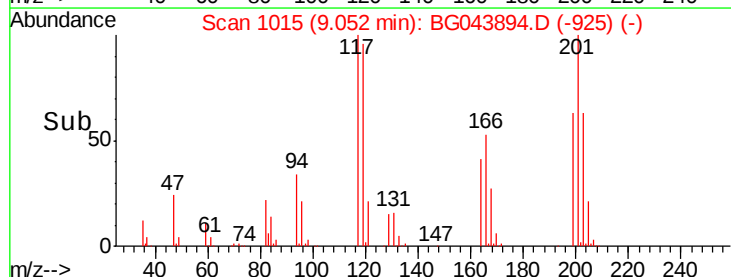
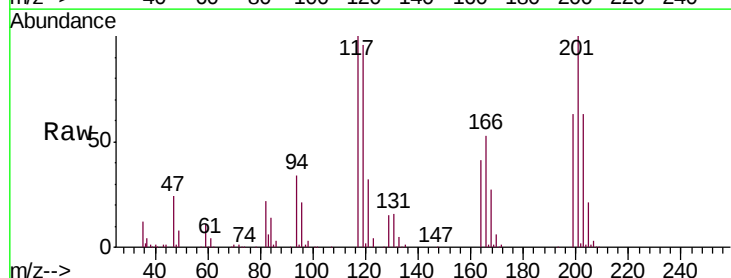
#17
2-Methylphenol
Concen: 34.135 ng
RT: 8.41 min Scan# 905
Delta R.T. 0.00 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

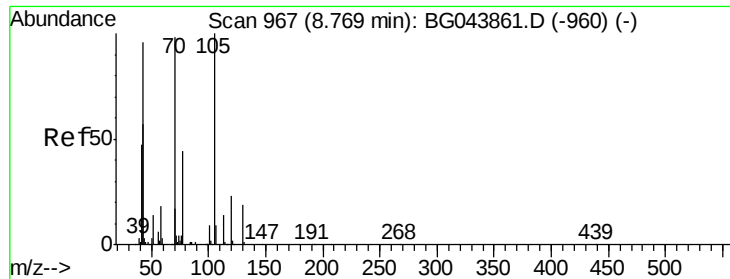
Tgt Ion:	107	Resp:	264934
Ion	Ratio	Lower	Upper
107	100		
108	111.0	86.1	129.1
77	46.6	35.4	53.0
79	44.5	34.8	52.2



#18
Hexachloroethane
Concen: 38.035 ng
RT: 9.05 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

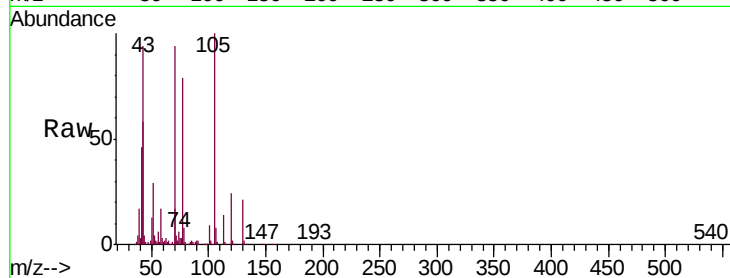
Tgt Ion:	117	Resp:	149396
Ion	Ratio	Lower	Upper
117	100		
119	96.1	78.1	117.1
201	99.9	78.6	117.8



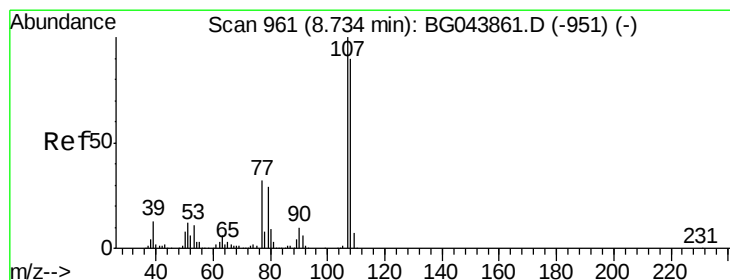
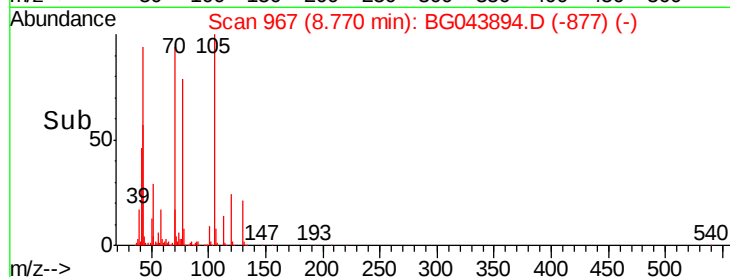
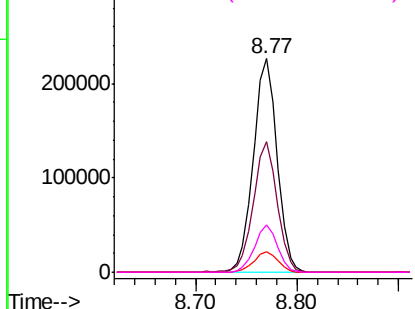


#19
n-Nitroso-di-n-propylamine
Concen: 47.421 ng
RT: 8.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

Tgt Ion:	70	Resp:	367620
Ion	Ratio	Lower	Upper
70	100		
42	61.0	47.0	70.4
101	9.7	7.2	10.8
130	22.1	15.6	23.4

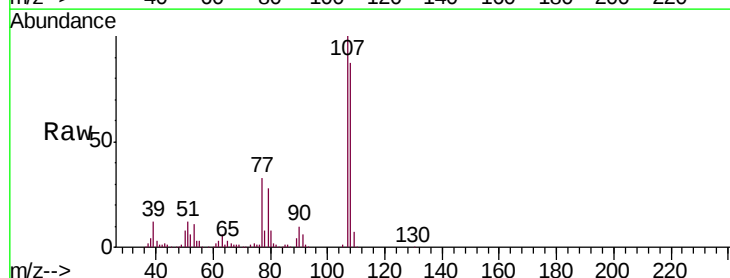


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

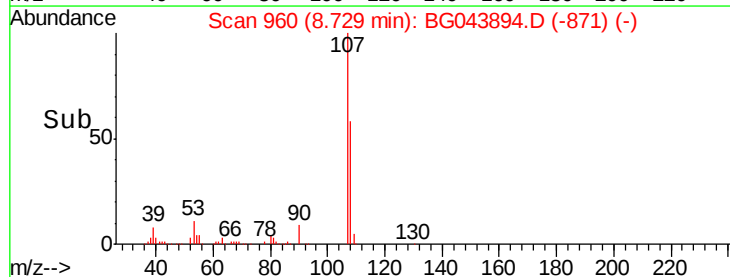
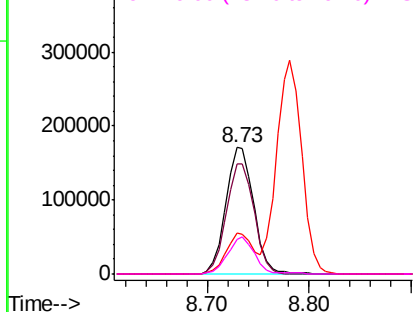


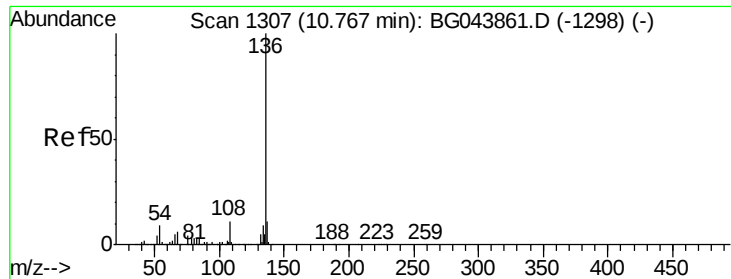
#20
3+4-Methylphenols
Concen: 29.943 ng
RT: 8.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

Tgt Ion:	107	Resp:	324201
Ion	Ratio	Lower	Upper
107	100		
108	86.8	70.3	110.3
77	32.6	12.4	52.4
79	27.5	8.6	48.6



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.77 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BG043894.D

Acq: 3 Jan 2020 19:15

Tgt Ion:136 Resp: 594732

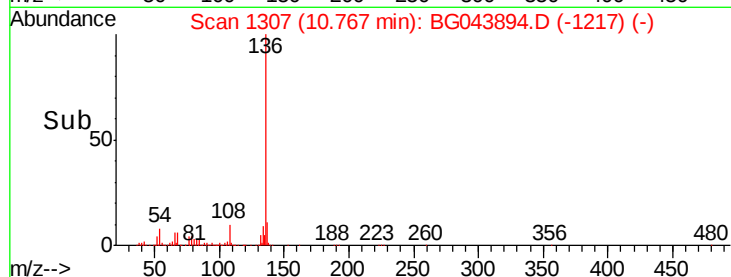
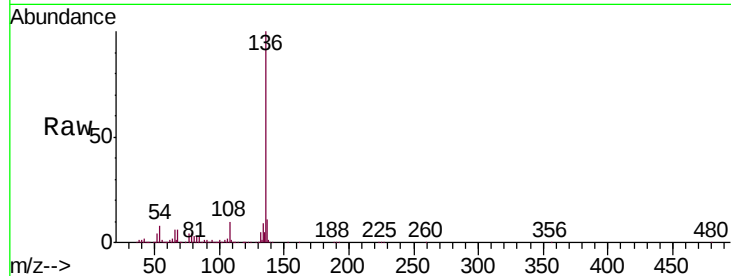
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 8.2 7.0 10.4

68 6.2 4.9 7.3



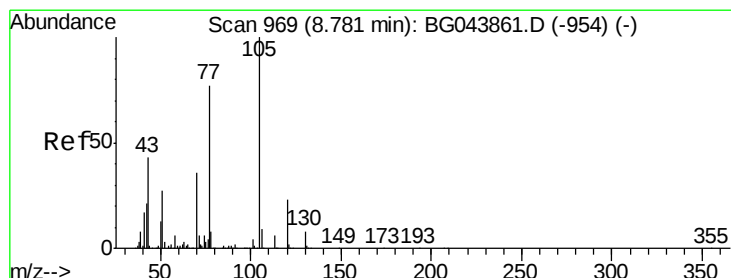
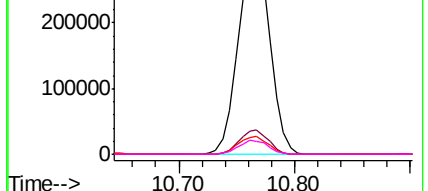
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

Time-->



#22

Acetophenone

Concen: 44.433 ng

RT: 8.78 min Scan# 969

Delta R.T. 0.00 min

Lab File: BG043894.D

Acq: 3 Jan 2020 19:15

Tgt Ion:105 Resp: 656967

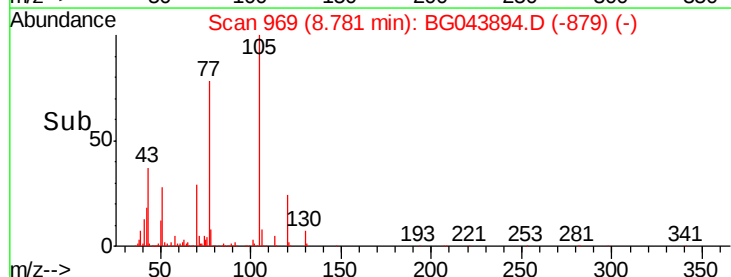
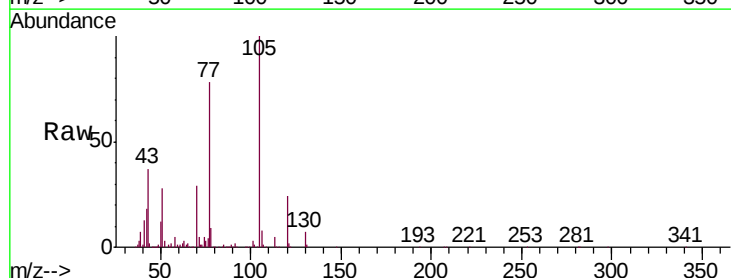
Ion Ratio Lower Upper

105 100

71 4.9 4.8 7.2

51 27.7 21.4 32.0

120 24.5 18.6 28.0



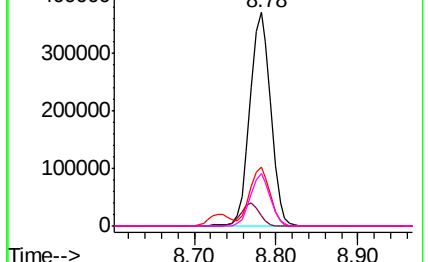
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

Time-->





#23

Nitrobenzene-d5

Concen: 89.018 ng

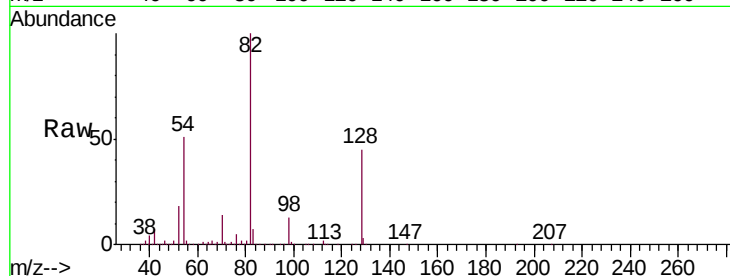
RT: 9.12 min Scan# 1026

Delta R.T. -0.01 min

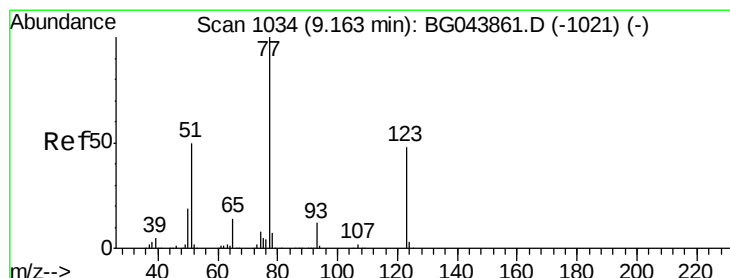
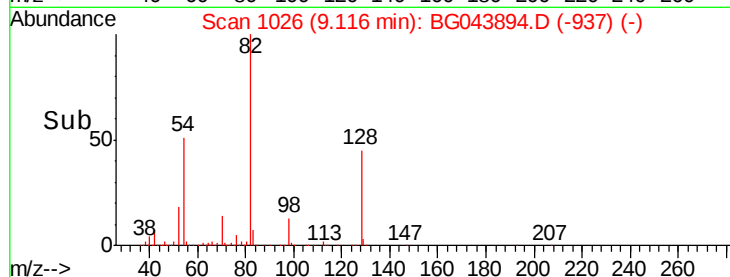
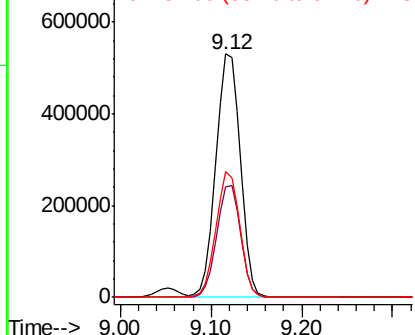
Lab File: BG043894.D

Acq: 3 Jan 2020 19:15

Tgt Ion:	82	Resp:	989638
Ion	Ratio	Lower	Upper
82	100		
128	45.3	35.1	52.7
54	51.5	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: 45.824 ng

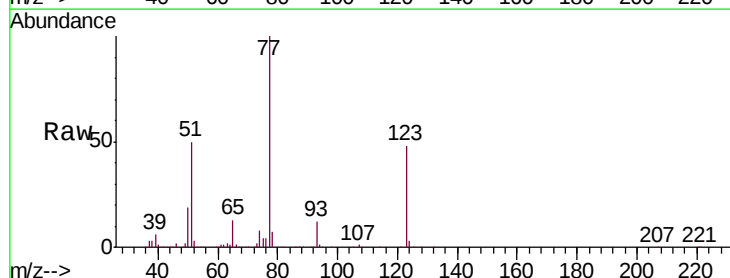
RT: 9.16 min Scan# 1034

Delta R.T. 0.00 min

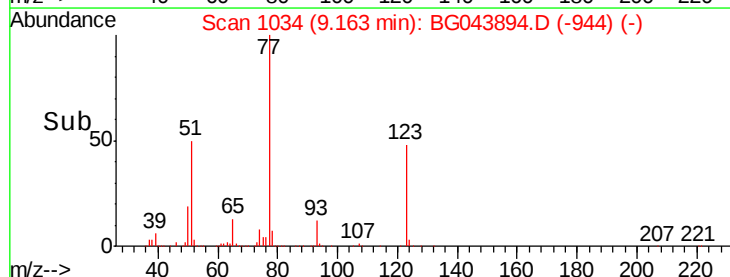
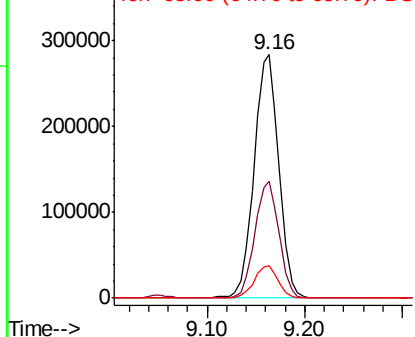
Lab File: BG043894.D

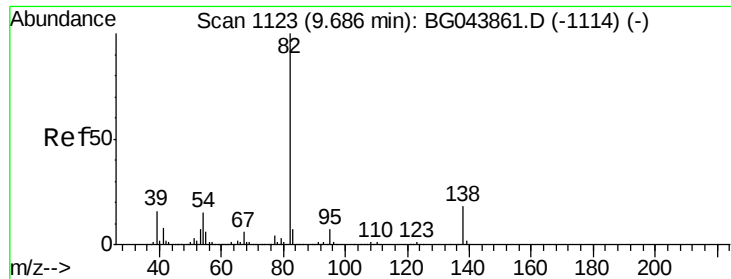
Acq: 3 Jan 2020 19:15

Tgt Ion:	77	Resp:	504564
Ion	Ratio	Lower	Upper
77	100		
123	47.8	38.7	58.1
65	13.3	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: 47.662 ng

RT: 9.69 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BG043894.D

Acq: 3 Jan 2020 19:15

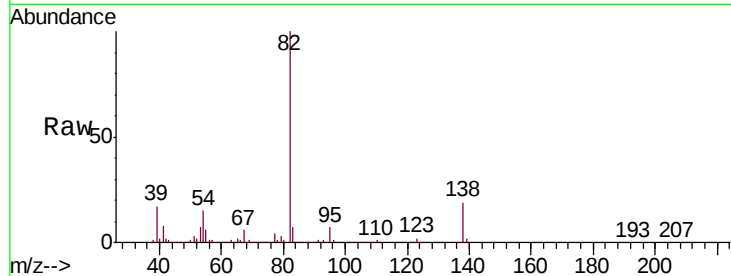
Tgt Ion: 82 Resp: 994091

Ion Ratio Lower Upper

82 100

95 7.5 5.8 8.6

138 19.0 14.6 22.0



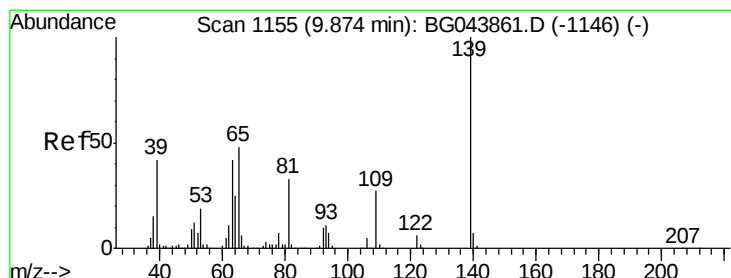
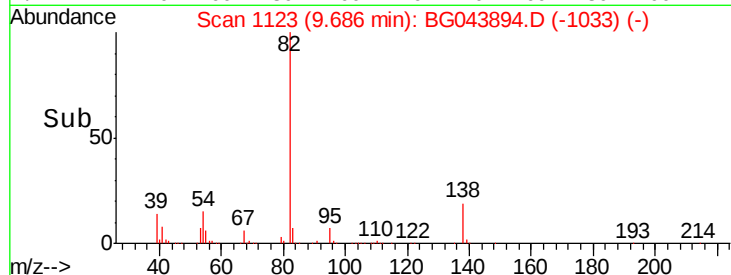
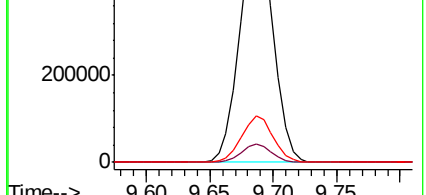
Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

600000

400000

200000

0



#26

2-Nitrophenol

Concen: 47.759 ng

RT: 9.87 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BG043894.D

Acq: 3 Jan 2020 19:15

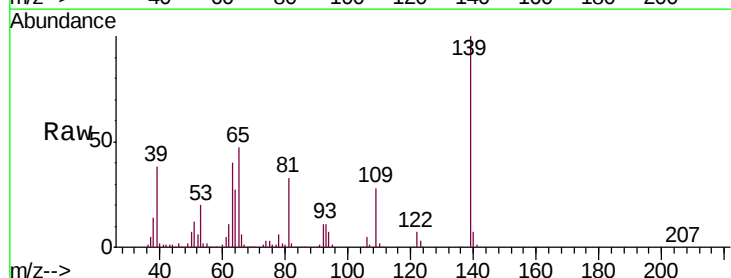
Tgt Ion: 139 Resp: 248795

Ion Ratio Lower Upper

139 100

109 28.2 21.3 31.9

65 46.6 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

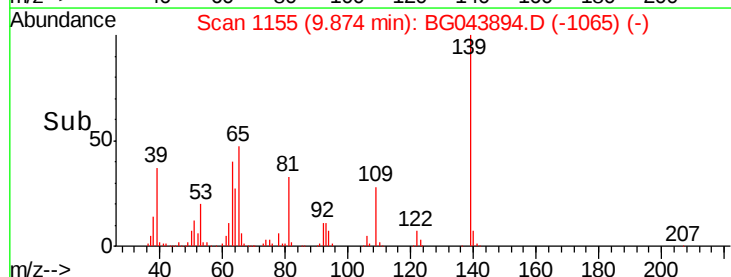
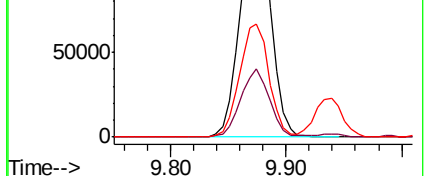
200000

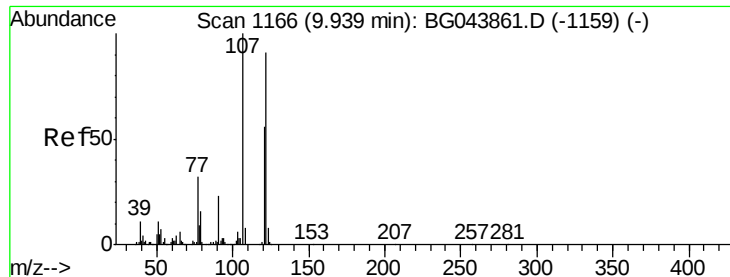
150000

100000

50000

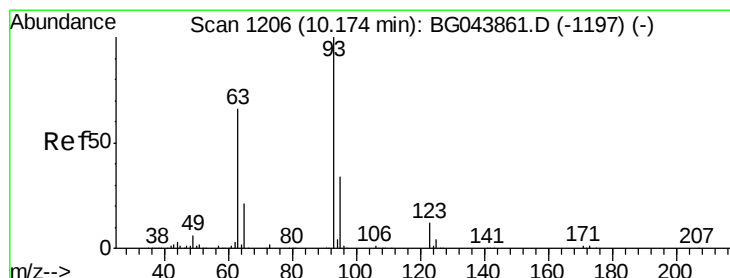
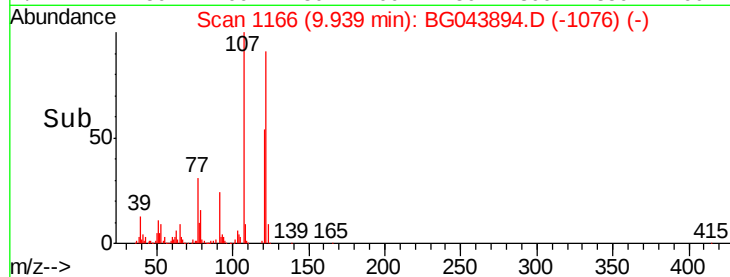
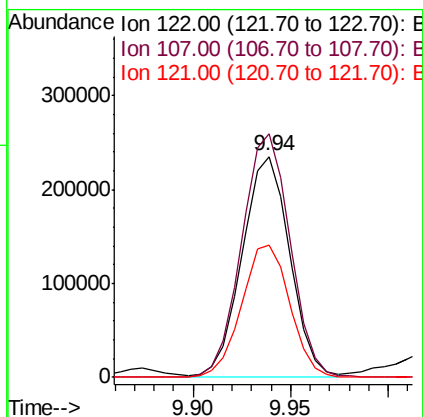
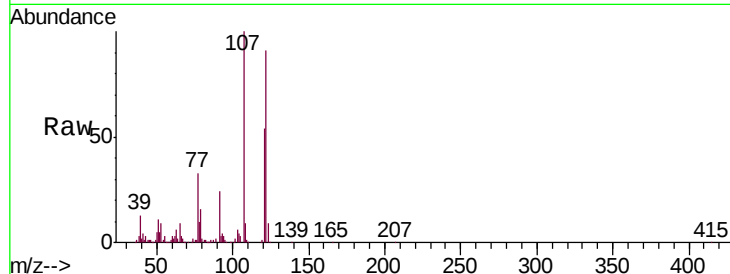
0





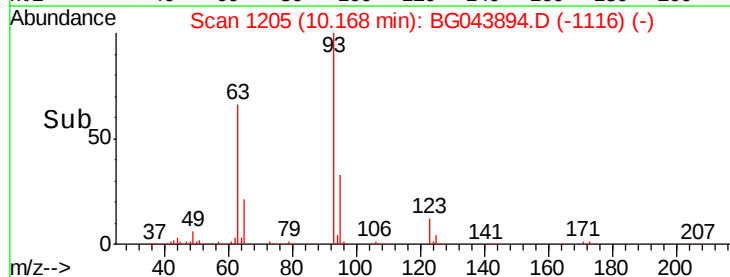
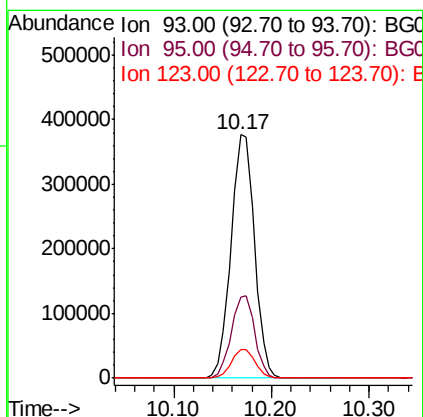
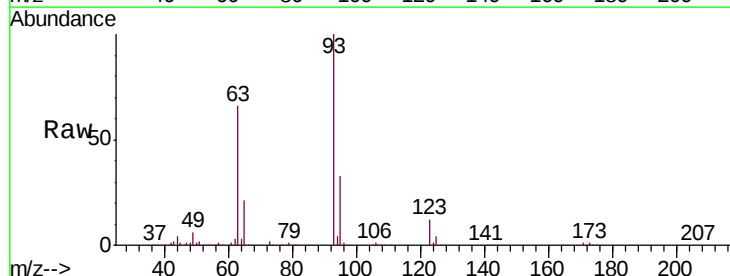
#27
 2,4-Dimethylphenol
 Concen: 50.669 ng
 RT: 9.94 min Scan# 1166
 Delta R.T. 0.00 min
 Lab File: BG043894.D
 Acq: 3 Jan 2020 19:15

Tgt Ion	Ratio	Lower	Upper
122	100		
107	110.2	88.0	132.0
121	59.9	49.0	73.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.258 ng
 RT: 10.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BG043894.D
 Acq: 3 Jan 2020 19:15

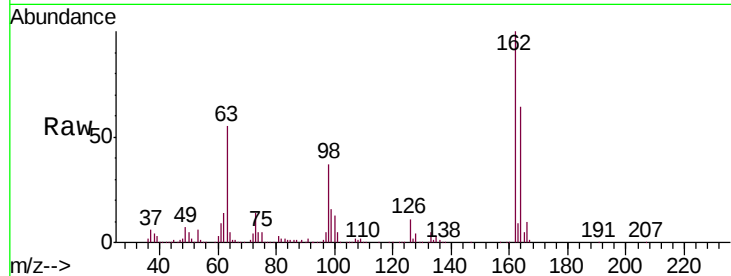
Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	27.2	40.8
123	11.8	9.7	14.5



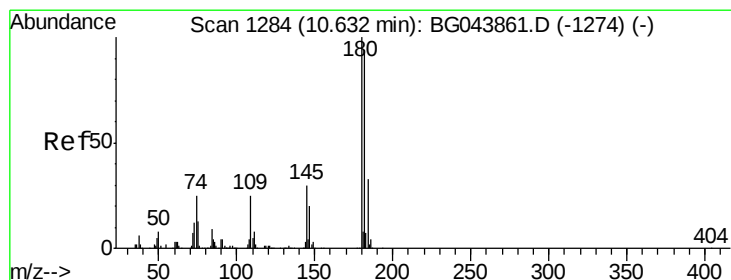
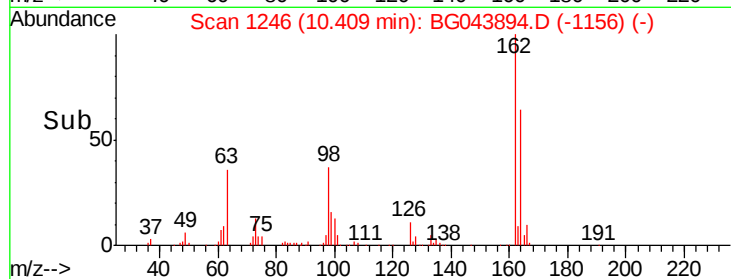
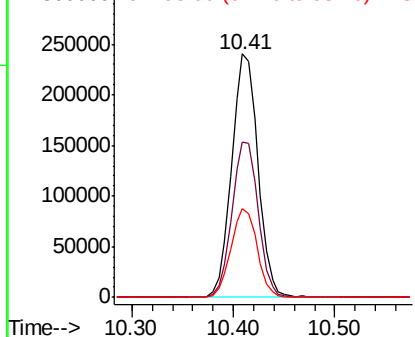


#29
 2,4-Dichlorophenol
 Concen: 46.199 ng
 RT: 10.41 min Scan# 1246
 Delta R.T. 0.00 min
 Lab File: BG043894.D
 Acq: 3 Jan 2020 19:15

Tgt Ion:	162	Resp:	432134
Ion	Ratio	Lower	Upper
162	100		
164	63.6	46.3	86.3
98	36.5	17.3	57.3

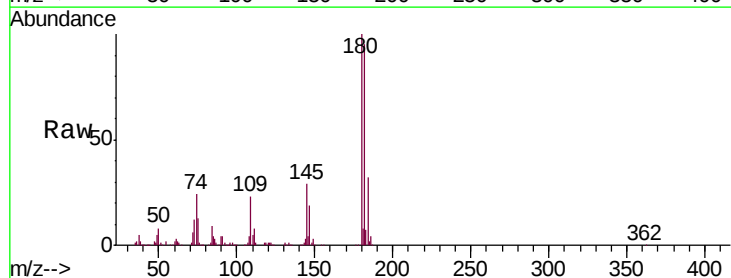


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

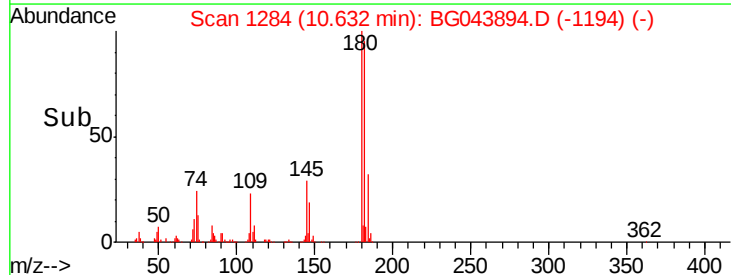
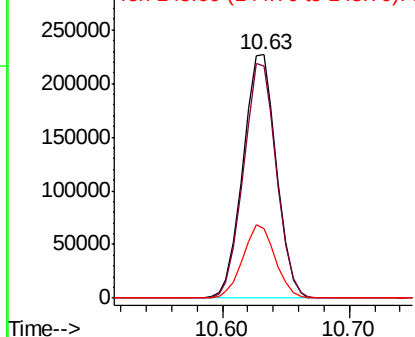


#30
 1,2,4-Trichlorobenzene
 Concen: 39.472 ng
 RT: 10.63 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: BG043894.D
 Acq: 3 Jan 2020 19:15

Tgt Ion:	180	Resp:	413979
Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.0	112.4
145	28.6	24.2	36.4



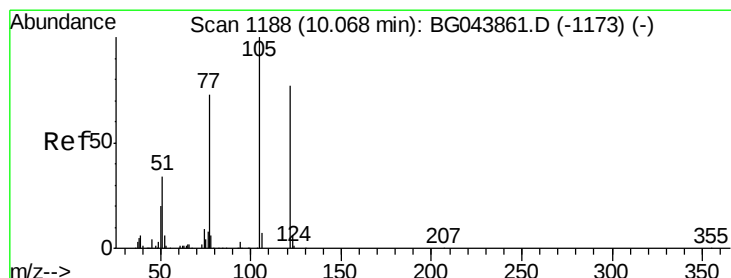
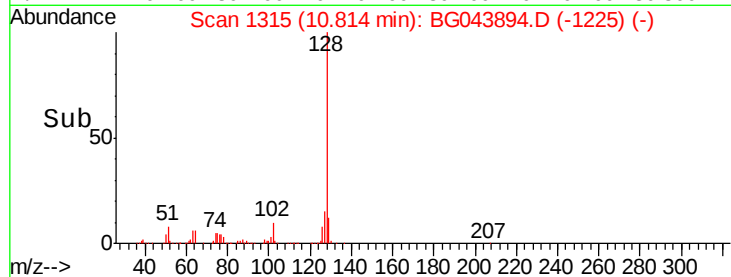
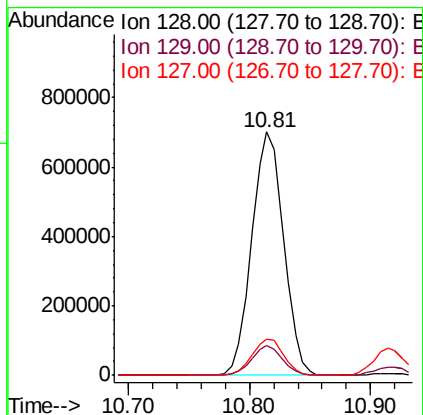
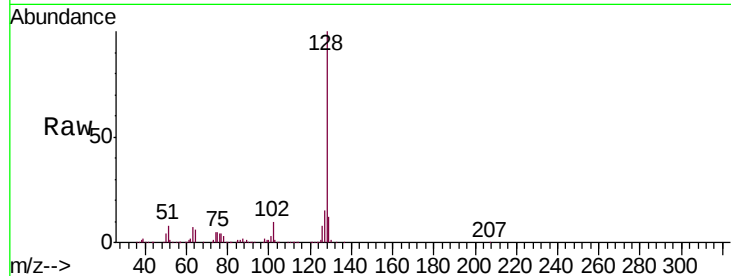
Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





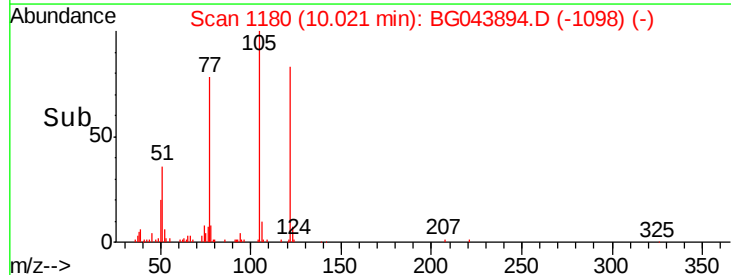
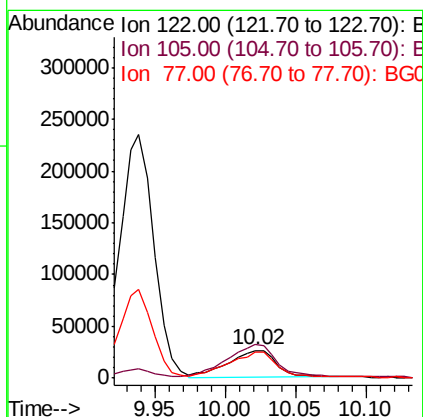
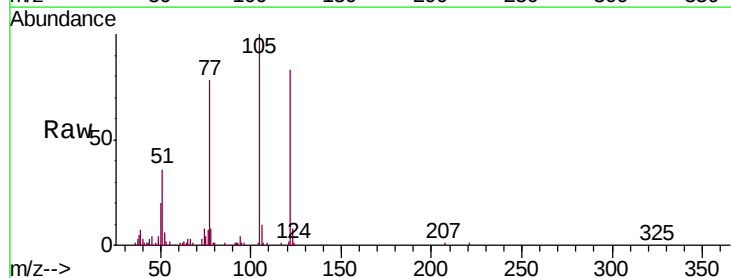
#31
Naphthalene
Concen: 44.635 ng
RT: 10.81 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

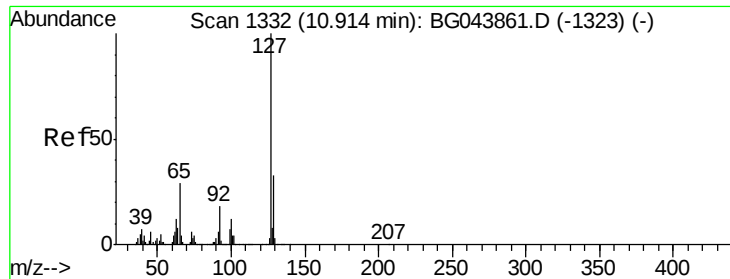
Tgt Ion:128 Resp: 1284583
Ion Ratio Lower Upper
128 100
129 12.4 9.8 14.6
127 14.8 12.0 18.0



#32
Benzoic acid
Concen: 14.648 ng
RT: 10.02 min Scan# 1180
Delta R.T. -0.05 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

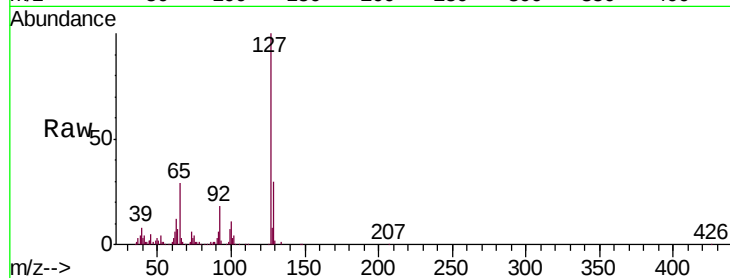
Tgt Ion:122 Resp: 61586
Ion Ratio Lower Upper
122 100
105 120.0 106.4 146.4
77 93.8 74.6 114.6



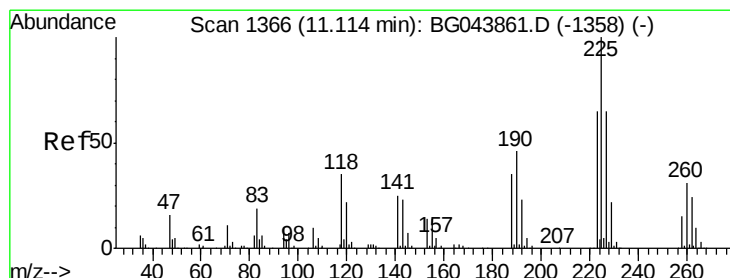
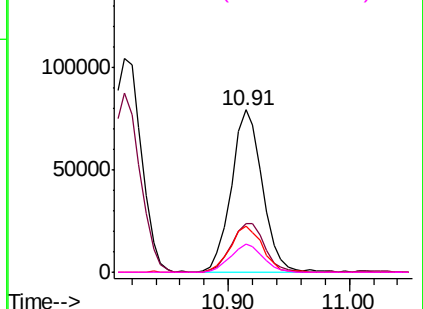
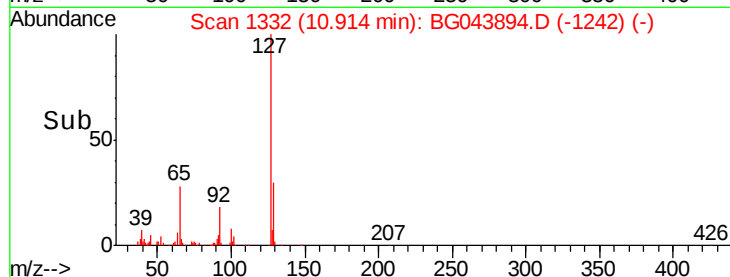


#33
4-Chloroaniline
Concen: 10.306 ng
RT: 10.91 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

Tgt Ion:	127	Resp:	141476
Ion	Ratio	Lower	Upper
127	100		
129	30.1	26.6	40.0
65	28.6	23.3	34.9
92	17.6	14.7	22.1

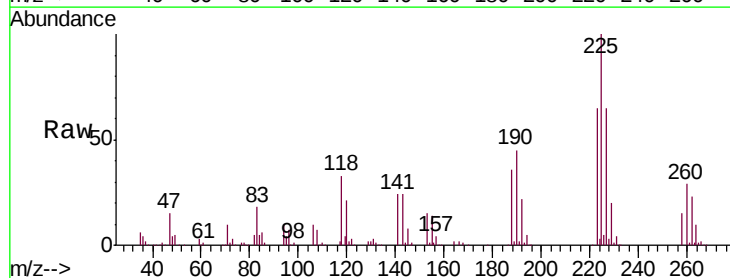


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG0
Ion 92.00 (91.70 to 92.70): BG0

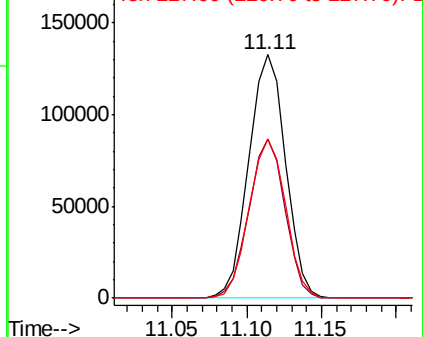
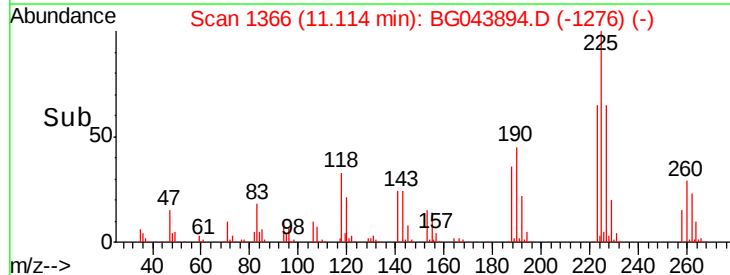


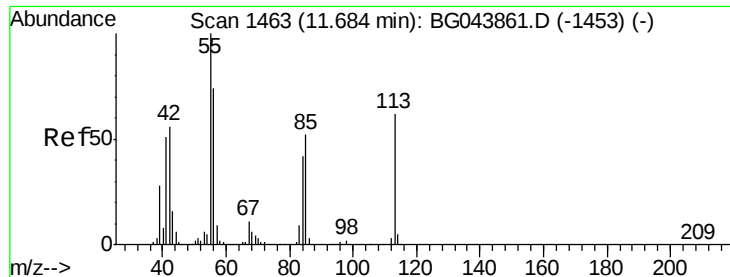
#34
Hexachlorobutadiene
Concen: 35.299 ng
RT: 11.11 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

Tgt Ion:	225	Resp:	226036
Ion	Ratio	Lower	Upper
225	100		
223	65.1	52.2	78.4
227	65.3	52.1	78.1



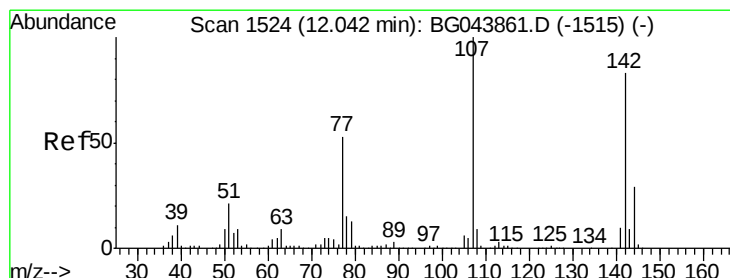
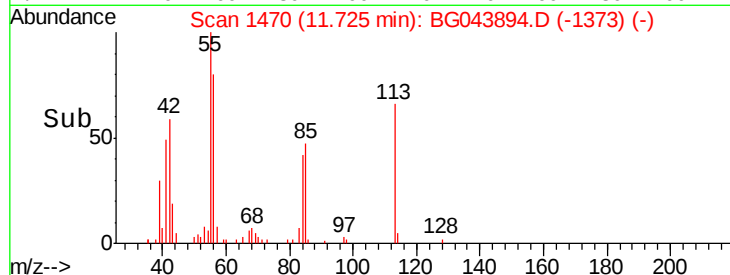
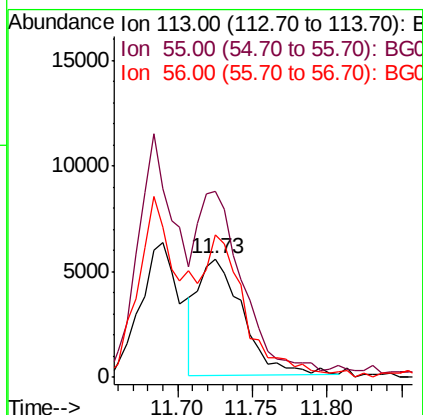
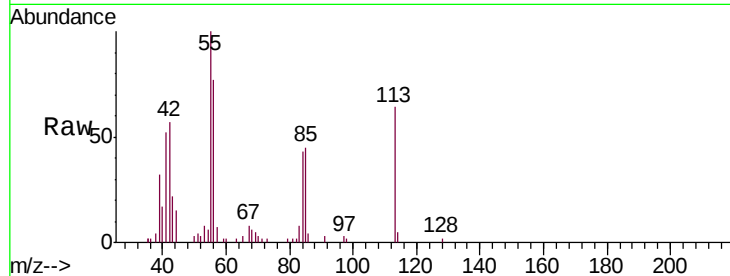
Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





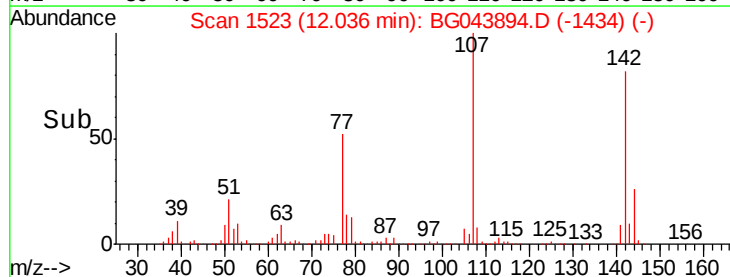
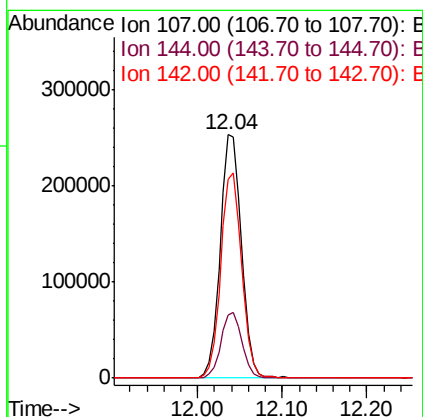
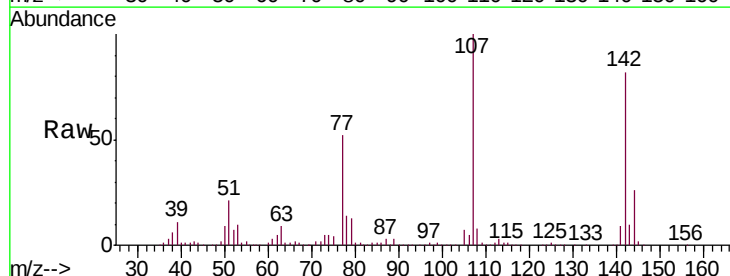
#35
 Caprolactam
 Concen: 3.269 ng
 RT: 11.73 min Scan# 1470
 Delta R.T. 0.04 min
 Lab File: BG043894.D
 Acq: 3 Jan 2020 19:15

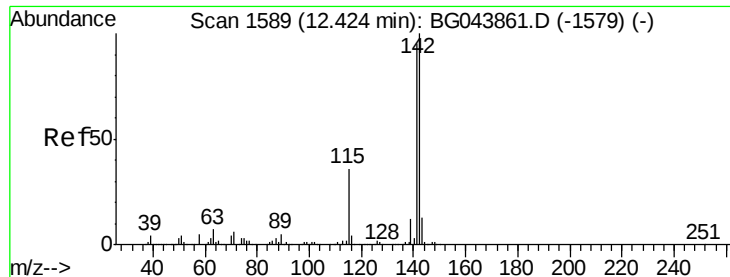
Tgt Ion:113 Resp: 11384
 Ion Ratio Lower Upper
 113 100
 55 156.3 142.5 182.5
 56 120.6 101.4 141.4



#36
 4-Chloro-3-methylphenol
 Concen: 44.350 ng
 RT: 12.04 min Scan# 1523
 Delta R.T. -0.01 min
 Lab File: BG043894.D
 Acq: 3 Jan 2020 19:15

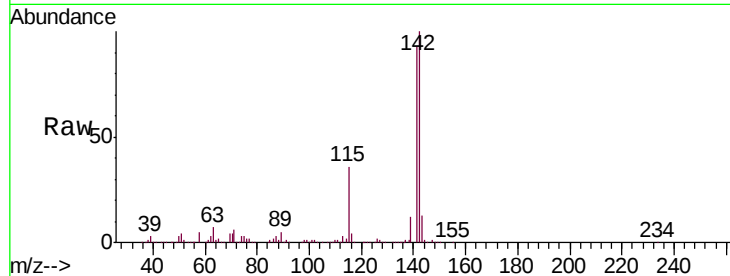
Tgt Ion:107 Resp: 441628
 Ion Ratio Lower Upper
 107 100
 144 25.8 23.4 35.2
 142 81.5 66.3 99.5



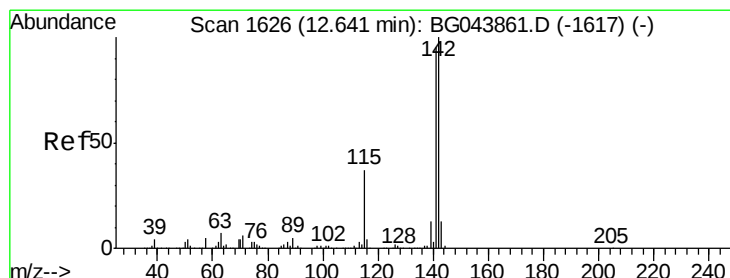
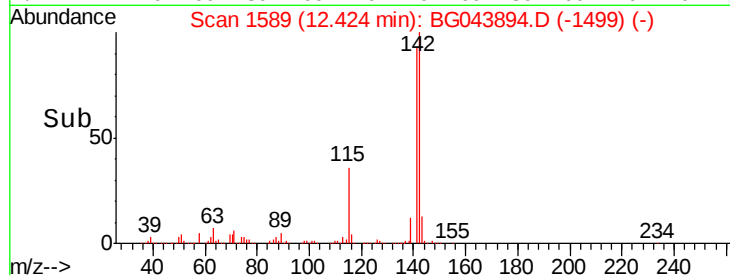
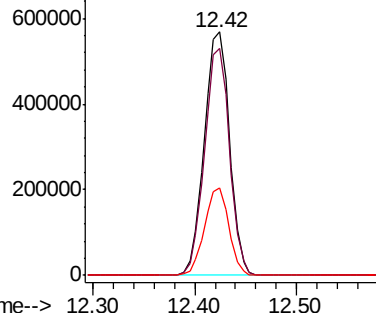


#37
2-Methylnaphthalene
Concen: 45.406 ng
RT: 12.42 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	75.8	113.8
115	35.8	28.6	42.8

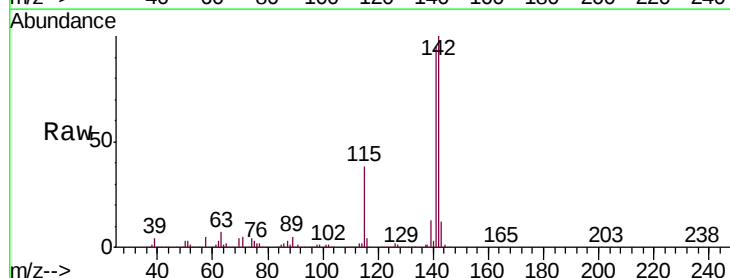


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

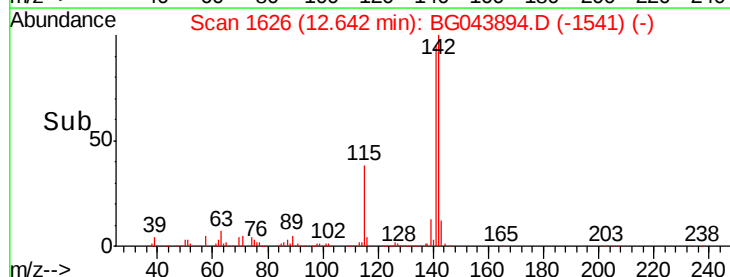
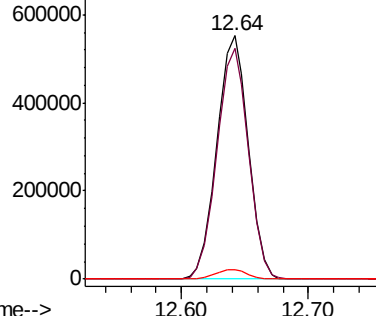


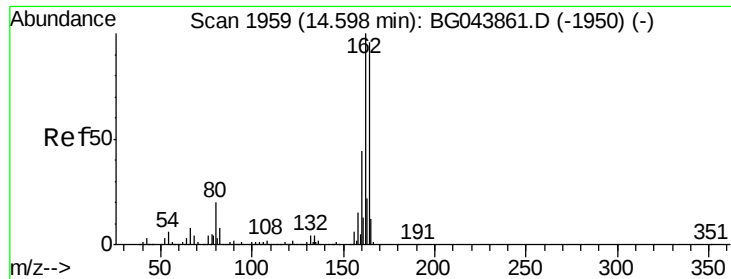
#38
1-Methylnaphthalene
Concen: 46.190 ng
RT: 12.64 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.8	76.0	114.0
116	3.8	3.1	4.7



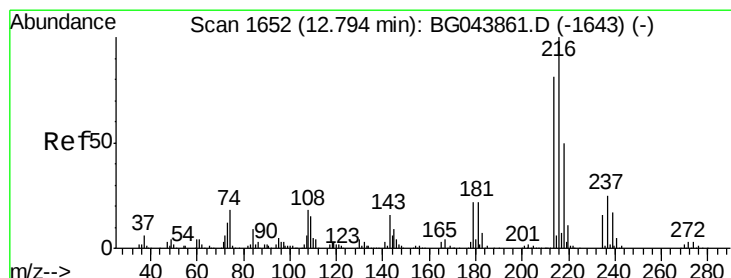
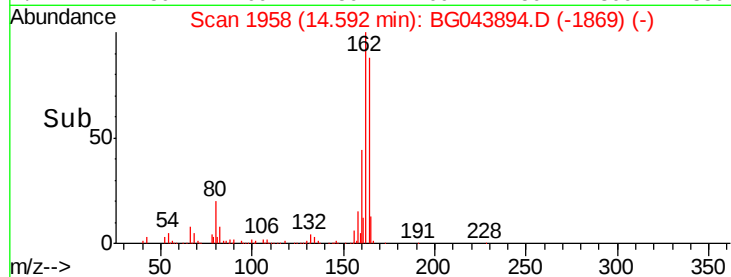
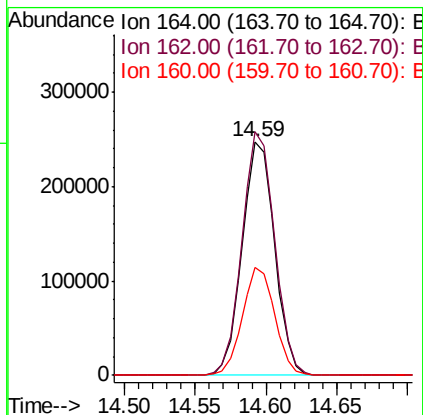
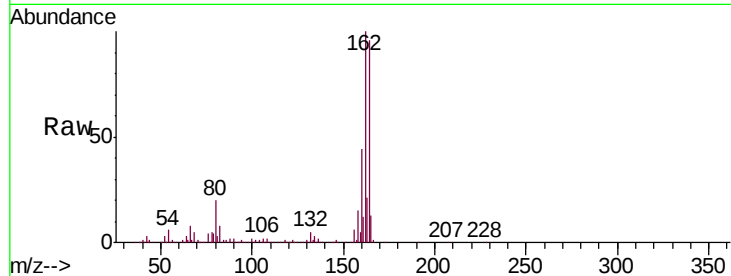
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





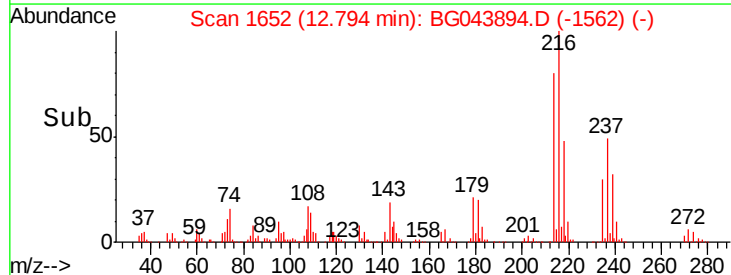
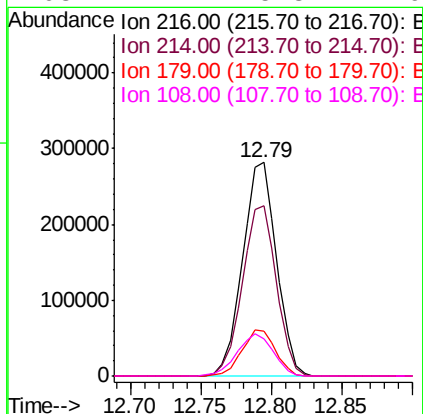
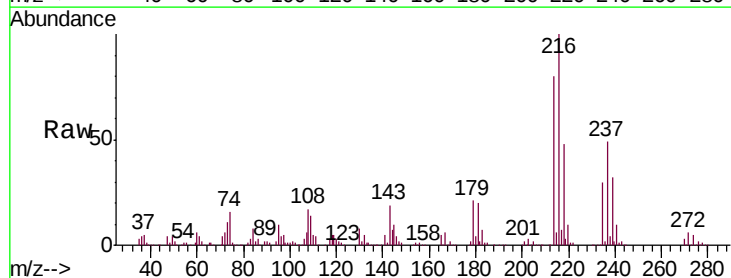
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

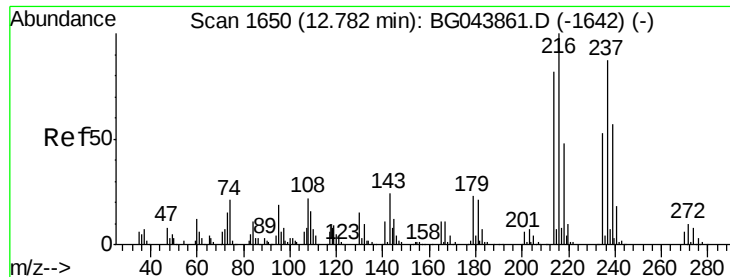
Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	83.0	124.4
160	46.1	36.1	54.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.545 ng
RT: 12.79 min Scan# 1652
Delta R.T. 0.00 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.0	63.8	95.8
179	21.5	17.3	25.9
108	21.1	15.3	22.9





#41

Hexachlorocyclopentadiene

Concen: 91.045 ng

RT: 12.78 min Scan# 1650

Delta R.T. 0.00 min

Lab File: BG043894.D

Acq: 3 Jan 2020 19:15

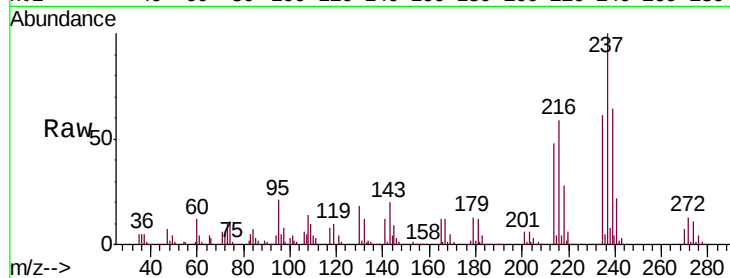
Tgt Ion: 237 Resp: 551440

Ion Ratio Lower Upper

237 100

235 61.4 41.1 81.1

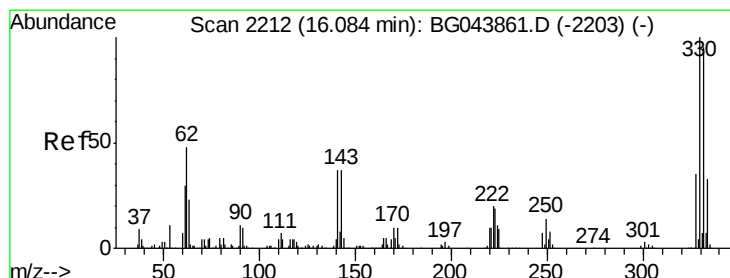
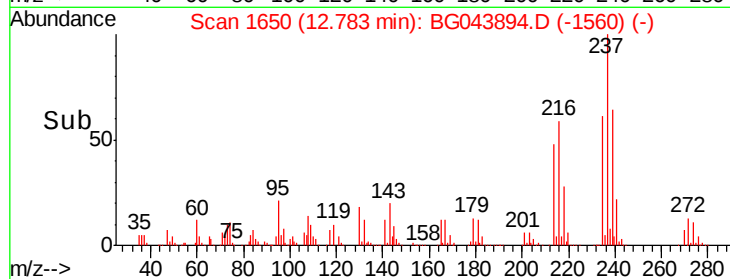
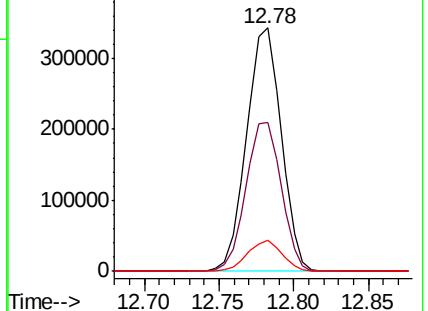
272 12.7 0.0 31.7



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 148.012 ng

RT: 16.08 min Scan# 2212

Delta R.T. 0.00 min

Lab File: BG043894.D

Acq: 3 Jan 2020 19:15

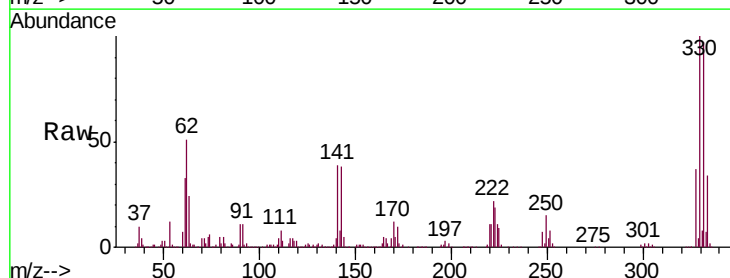
Tgt Ion: 330 Resp: 617382

Ion Ratio Lower Upper

330 100

332 96.6 77.2 115.8

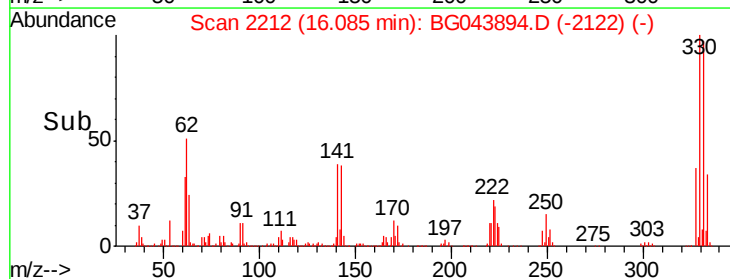
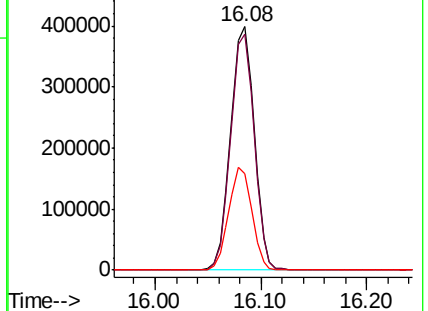
141 41.8 33.1 49.7

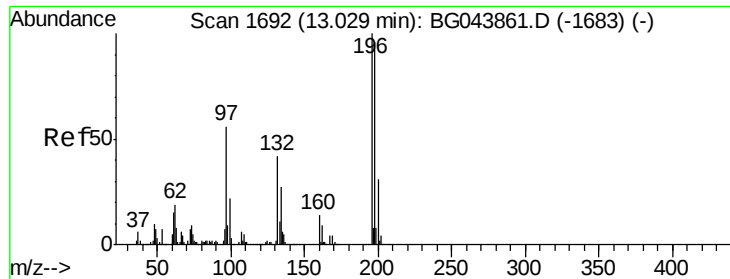


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

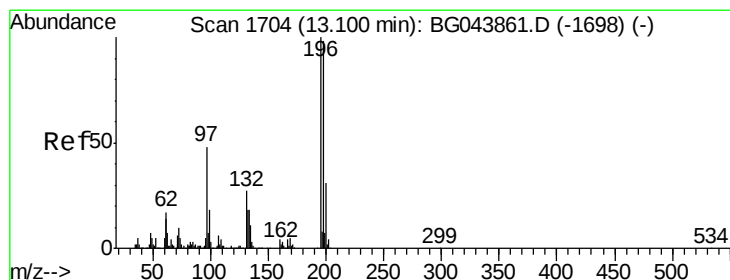
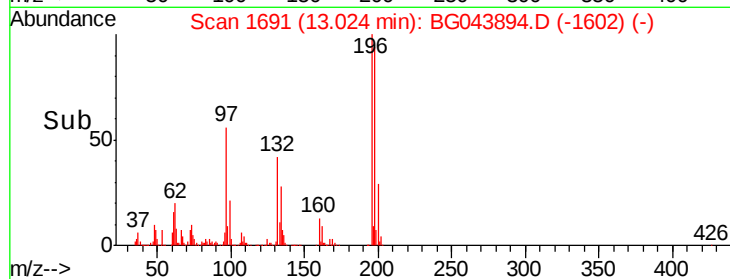
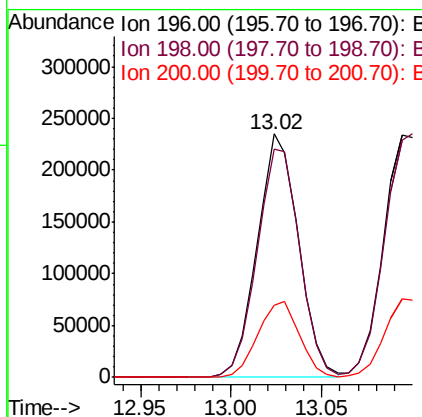
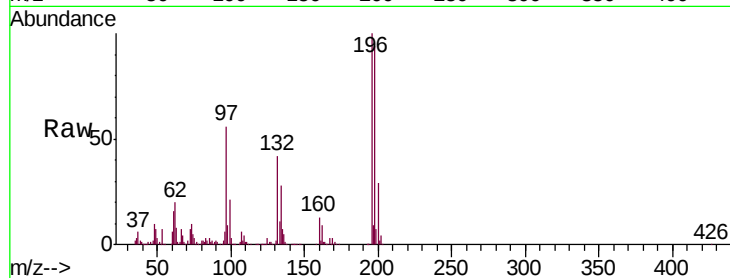
Ion 141.00 (140.70 to 141.70): E





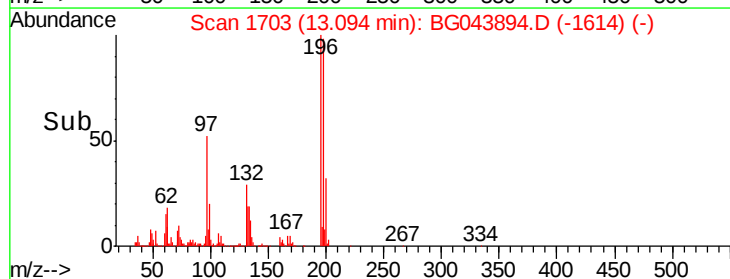
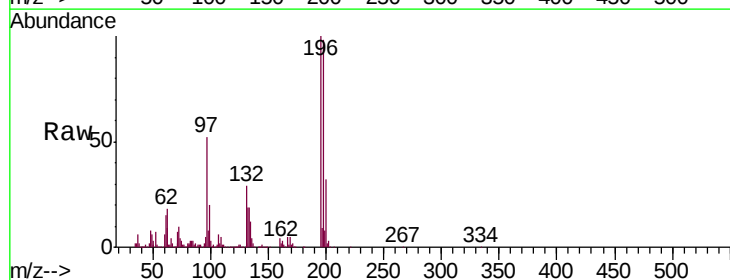
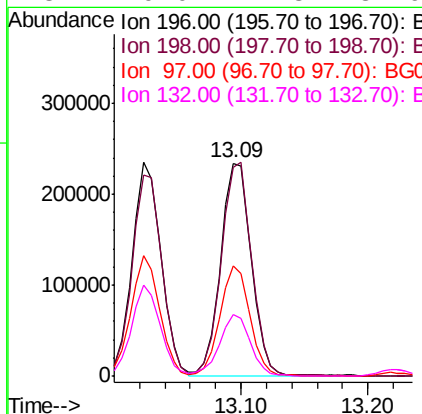
#43
 2,4,6-Trichlorophenol
 Concen: 46.257 ng
 RT: 13.02 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BG043894.D
 Acq: 3 Jan 2020 19:15

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.8	76.6	115.0
200	29.4	24.6	37.0



#44
 2,4,5-Trichlorophenol
 Concen: 47.232 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG043894.D
 Acq: 3 Jan 2020 19:15

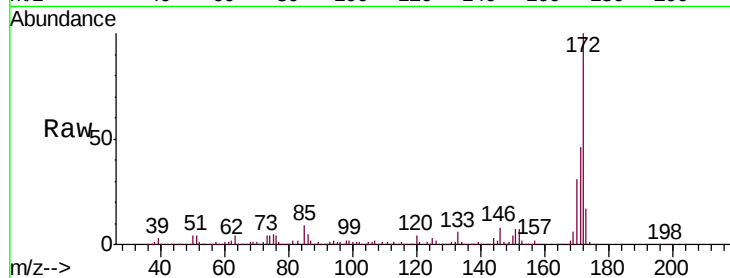
Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.0	78.3	117.5
97	51.7	38.8	58.2
132	29.0	21.3	31.9



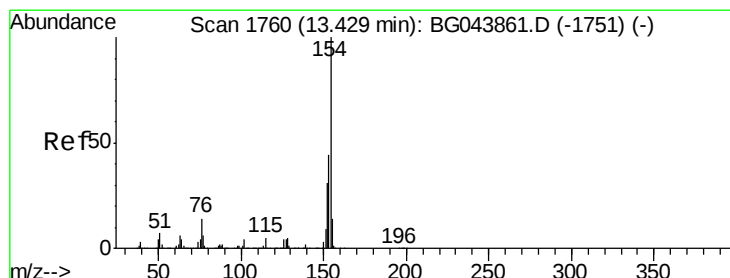
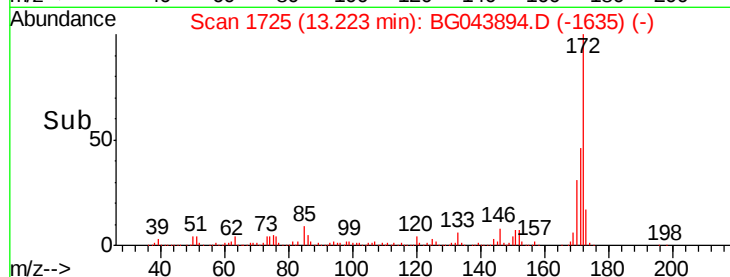
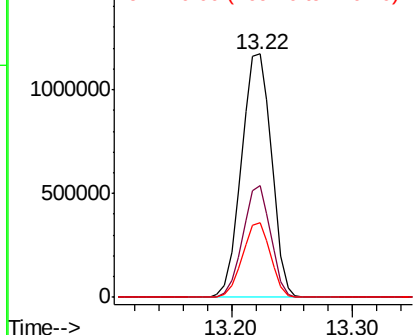


#45
 2-Fluorobiphenyl
 Concen: 92.575 ng
 RT: 13.22 min Scan# 1725
 Delta R.T. 0.00 min
 Lab File: BG043894.D
 Acq: 3 Jan 2020 19:15

Tgt Ion:	172	Resp:	2036665
Ion	Ratio	Lower	Upper
172	100		
171	45.9	35.8	53.8
170	30.7	24.2	36.4

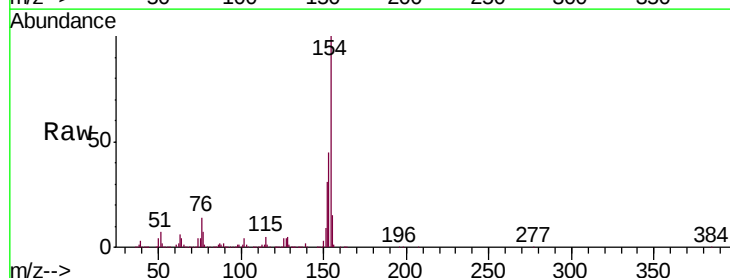


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

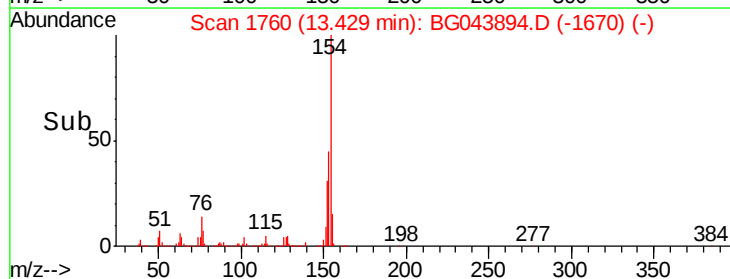
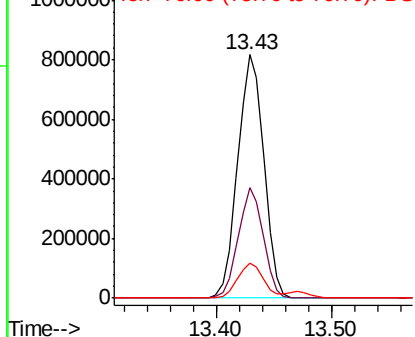


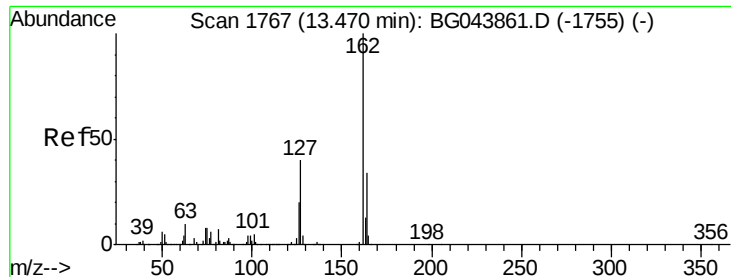
#46
 1,1'-Biphenyl
 Concen: 44.542 ng
 RT: 13.43 min Scan# 1760
 Delta R.T. 0.00 min
 Lab File: BG043894.D
 Acq: 3 Jan 2020 19:15

Tgt Ion:	154	Resp:	1272928
Ion	Ratio	Lower	Upper
154	100		
153	45.2	23.6	63.6
76	14.5	0.0	34.4



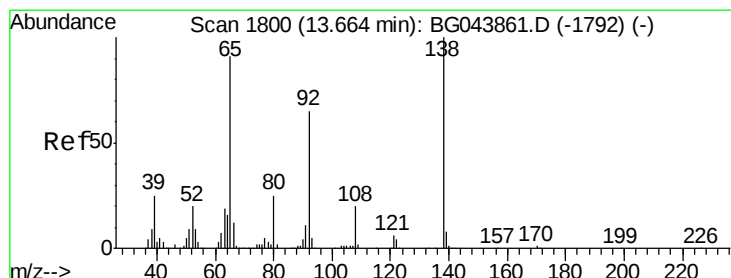
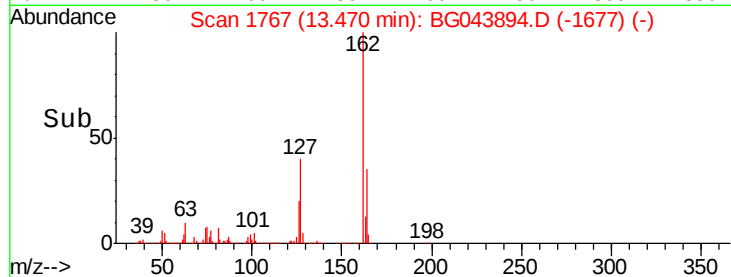
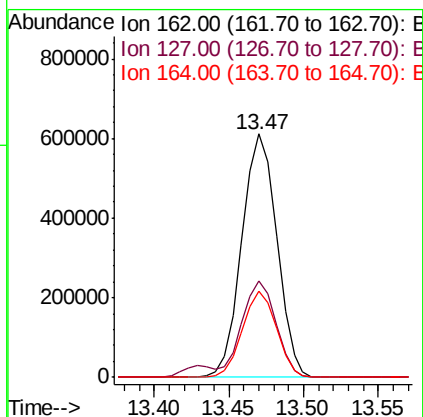
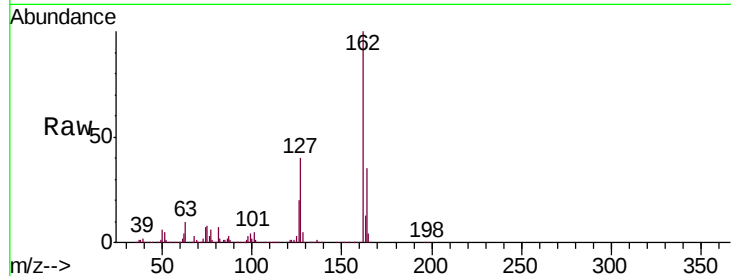
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BG





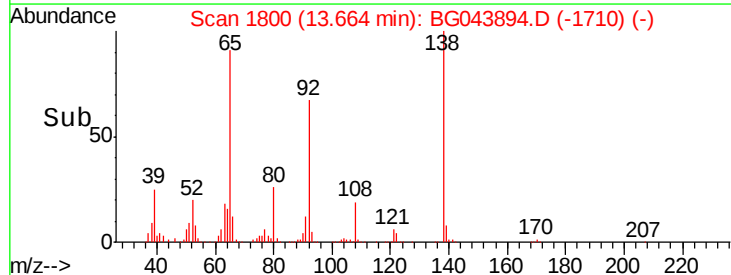
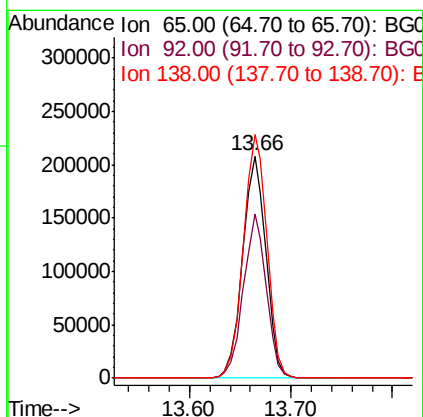
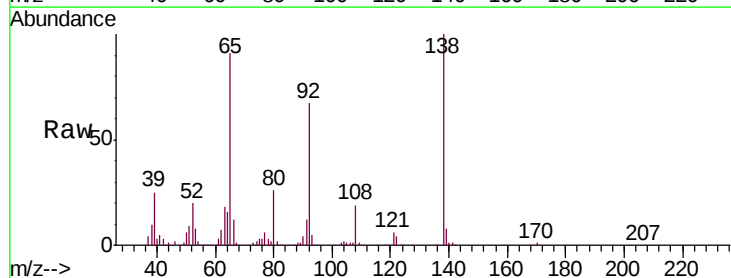
#47
 2-Chloronaphthalene
 Concen: 43.078 ng
 RT: 13.47 min Scan# 1767
 Delta R.T. 0.00 min
 Lab File: BG043894.D
 Acq: 3 Jan 2020 19:15

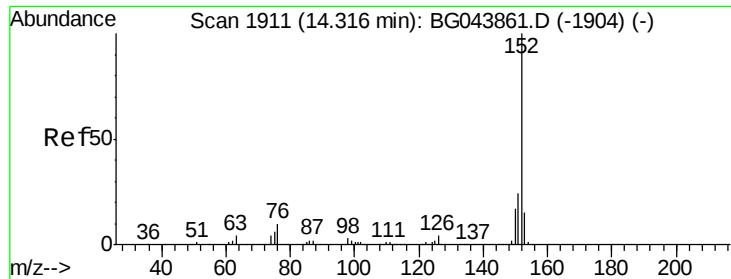
Tgt Ion:	162	Resp:	994801
Ion	Ratio	Lower	Upper
162	100		
127	39.8	32.1	48.1
164	35.2	27.5	41.3



#48
 2-Nitroaniline
 Concen: 44.786 ng
 RT: 13.66 min Scan# 1800
 Delta R.T. 0.00 min
 Lab File: BG043894.D
 Acq: 3 Jan 2020 19:15

Tgt Ion:	65	Resp:	332685
Ion	Ratio	Lower	Upper
65	100		
92	73.8	57.4	86.2
138	109.6	88.2	132.4





#49

Acenaphthylene

Concen: 47.382 ng

RT: 14.32 min Scan# 1911

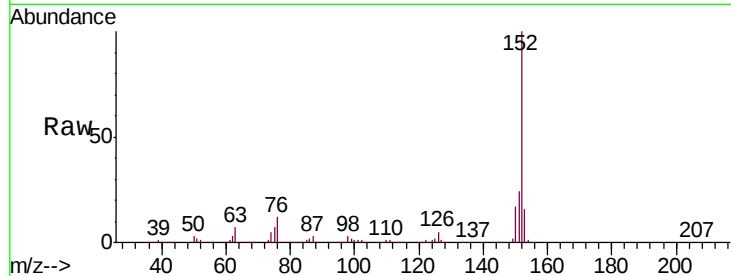
Delta R.T. 0.00 min

Lab File: BG043894.D

Acq: 3 Jan 2020 19:15

Tgt Ion:152 Resp: 1572700

Ion	Ratio	Lower	Upper
152	100		
151	24.3	19.4	29.2
153	15.6	12.0	18.0

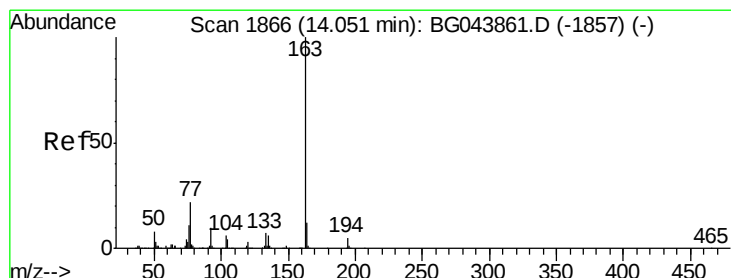
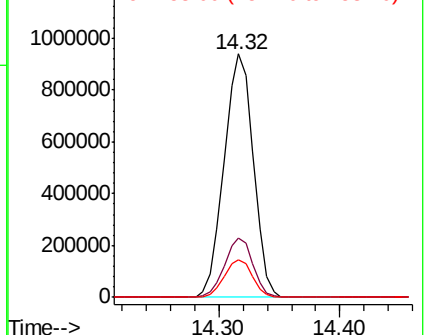
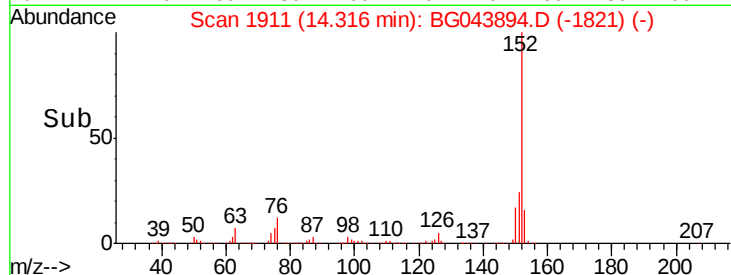


Abundance

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: 48.573 ng

RT: 14.05 min Scan# 1866

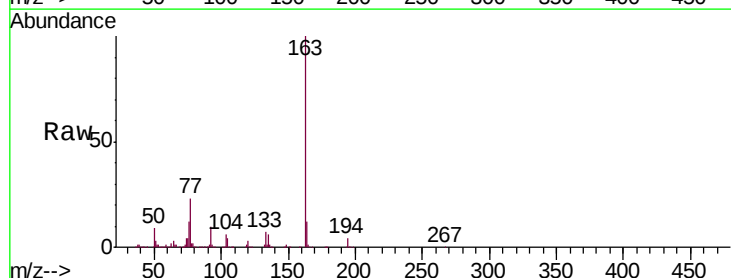
Delta R.T. 0.00 min

Lab File: BG043894.D

Acq: 3 Jan 2020 19:15

Tgt Ion:163 Resp: 1374701

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.7	5.5
164	11.9	9.3	13.9

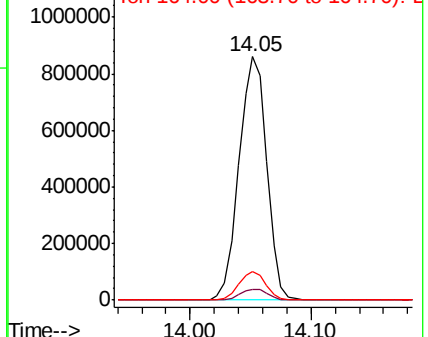
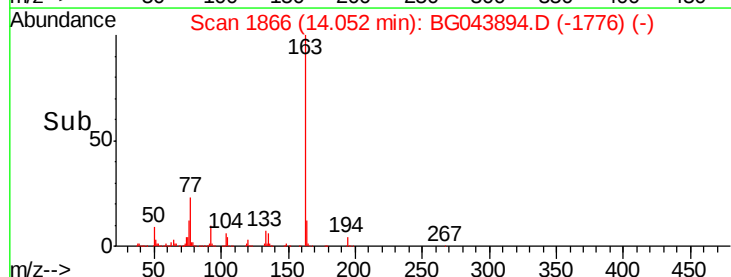


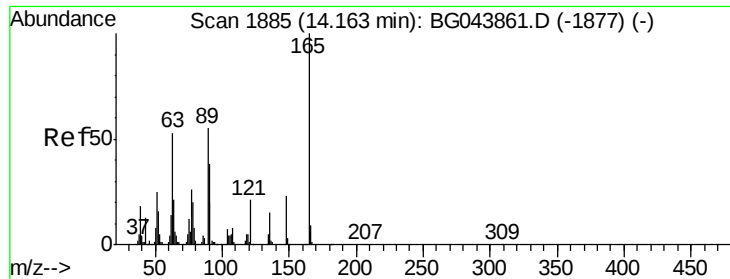
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

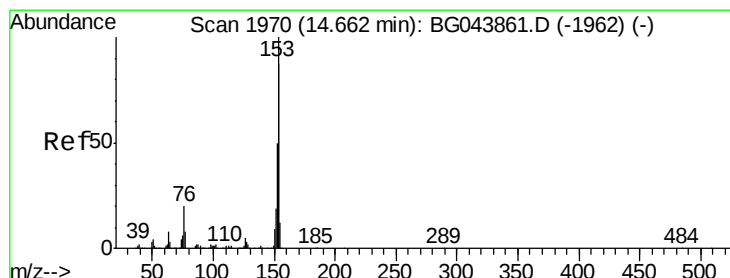
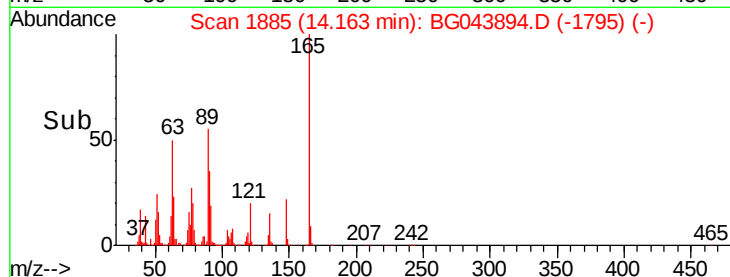
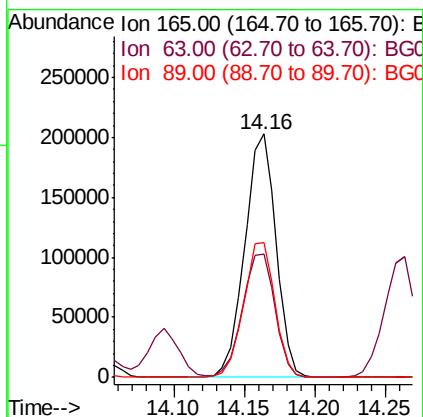
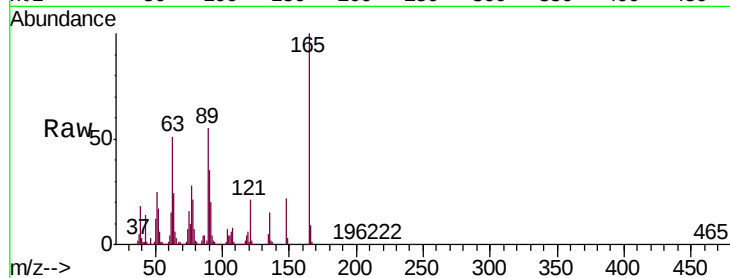
Ion 164.00 (163.70 to 164.70): E





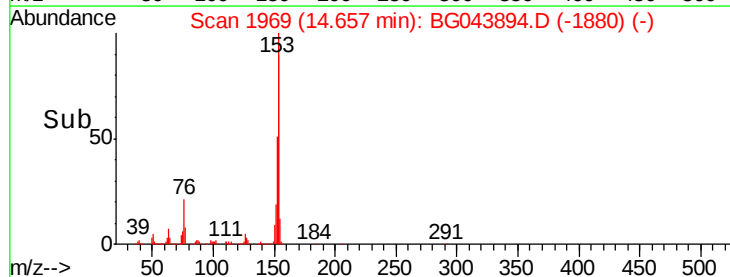
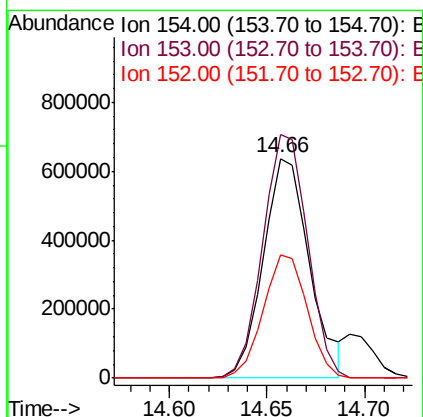
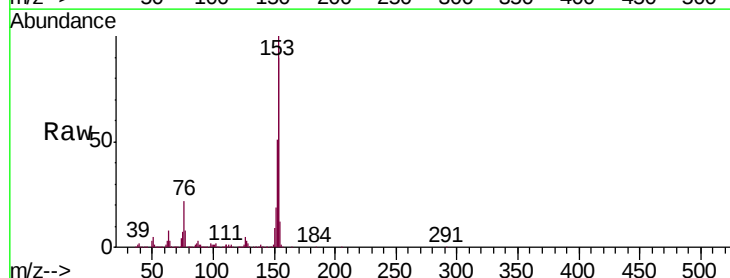
#51
 2,6-Dinitrotoluene
 Concen: 49.256 ng
 RT: 14.16 min Scan# 1885
 Delta R.T. 0.00 min
 Lab File: BG043894.D
 Acq: 3 Jan 2020 19:15

Tgt Ion	Ratio	Lower	Upper
165	100		
63	50.7	43.1	64.7
89	55.2	43.8	65.6



#52
 Acenaphthene
 Concen: 44.869 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: BG043894.D
 Acq: 3 Jan 2020 19:15

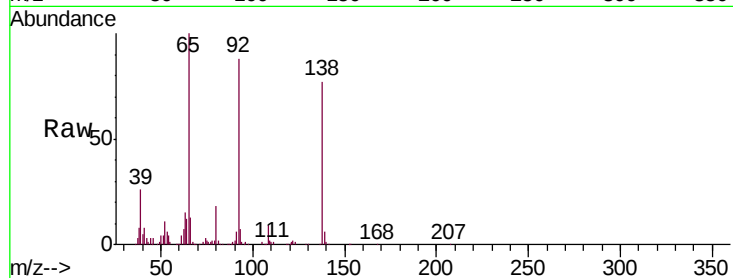
Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.8	91.6	137.4
152	56.3	45.4	68.0



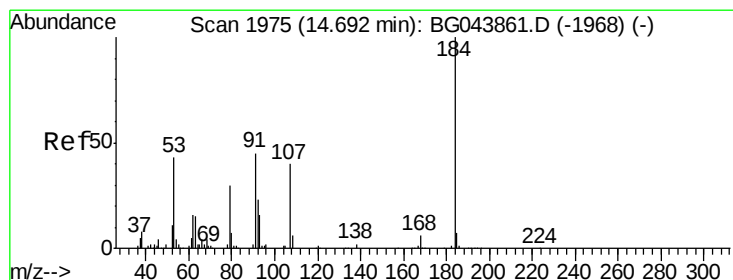
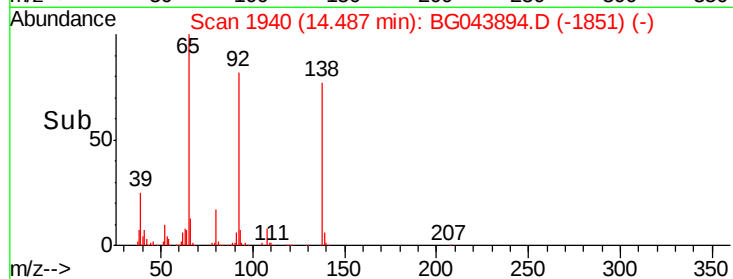
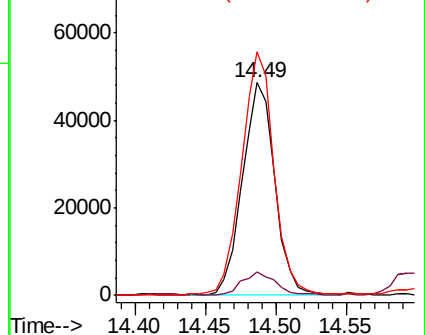


#53
3-Nitroaniline
Concen: 10.704 ng
RT: 14.49 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

Tgt Ion:138 Resp: 77757
Ion Ratio Lower Upper
138 100
108 11.2 7.4 11.2#
92 114.5 92.1 138.1

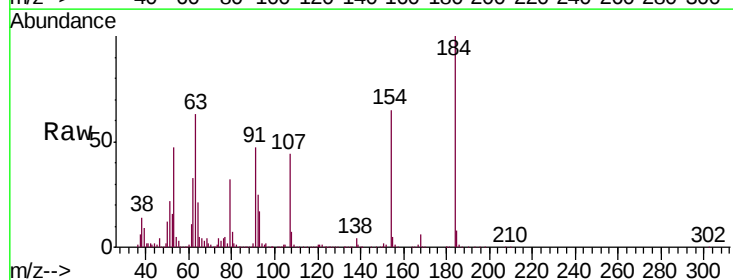


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

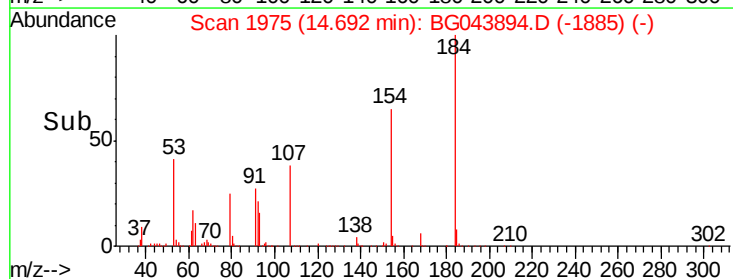
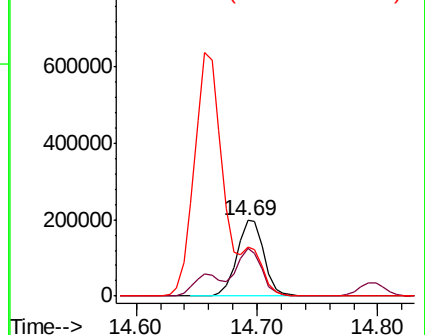


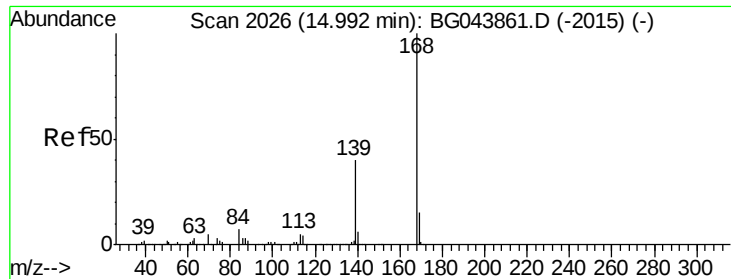
#54
2,4-Dinitrophenol
Concen: 94.180 ng
RT: 14.69 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

Tgt Ion:184 Resp: 310318
Ion Ratio Lower Upper
184 100
63 62.8 46.6 70.0
154 65.2 50.2 75.4



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

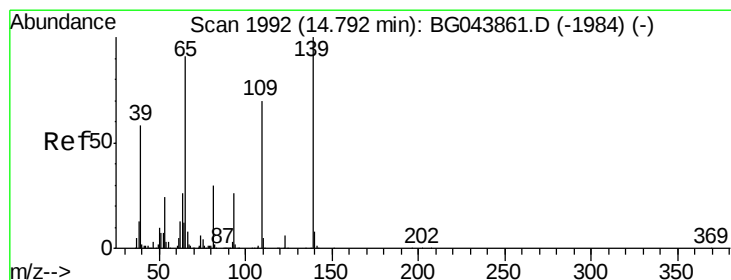
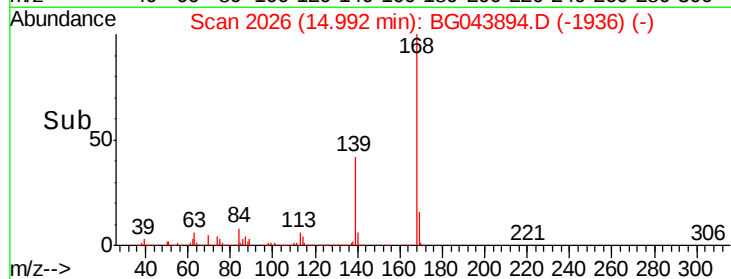
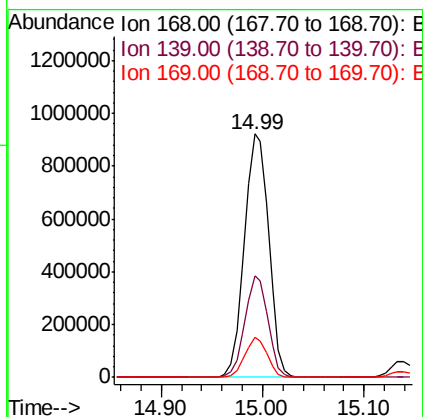
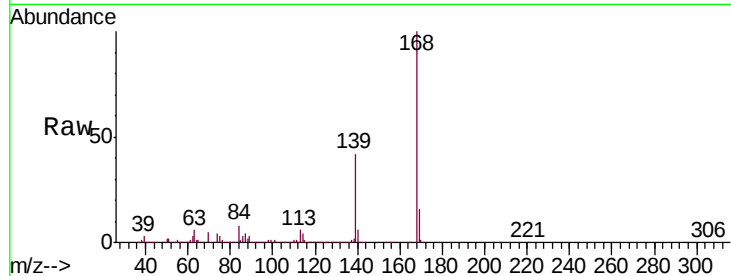




#55
Dibenzenofuran
Concen: 47.637 ng
RT: 14.99 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

Tgt Ion:168 Resp: 1526451

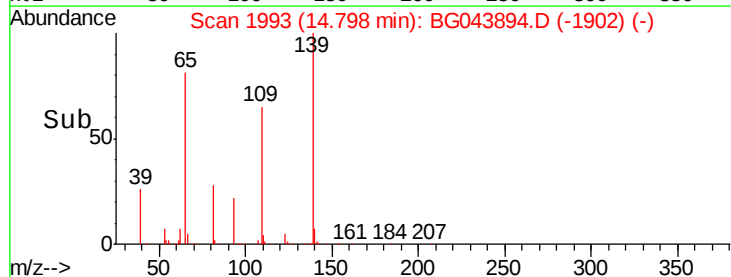
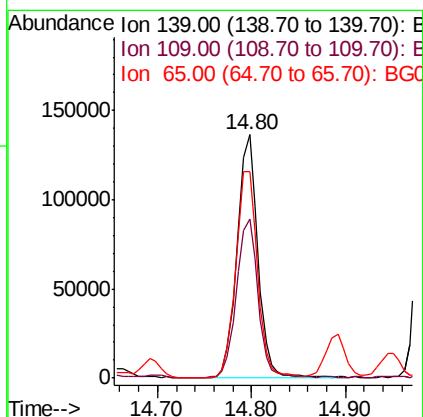
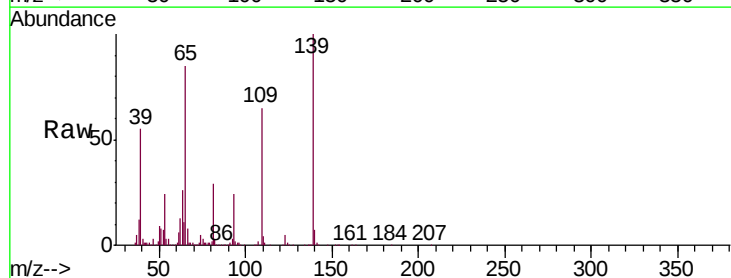
Ion	Ratio	Lower	Upper
168	100		
139	41.6	32.2	48.2
169	16.3	12.2	18.2

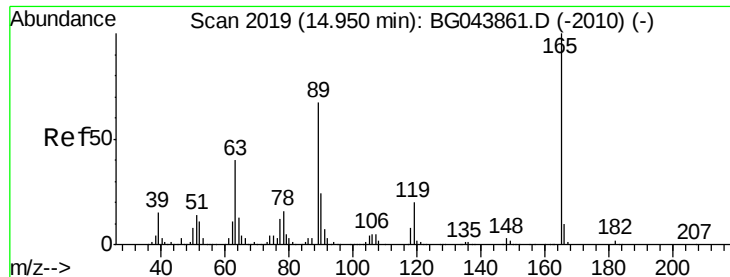


#56
4-Nitrophenol
Concen: 37.801 ng
RT: 14.80 min Scan# 1993
Delta R.T. 0.01 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

Tgt Ion:139 Resp: 210421

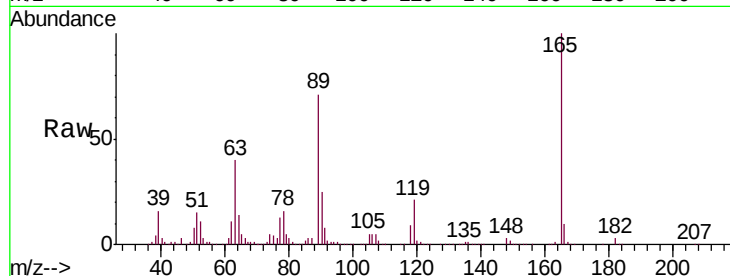
Ion	Ratio	Lower	Upper
139	100		
109	65.4	50.4	90.4
65	84.7	71.4	111.4



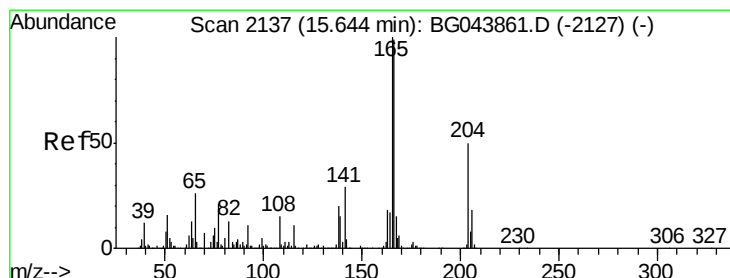
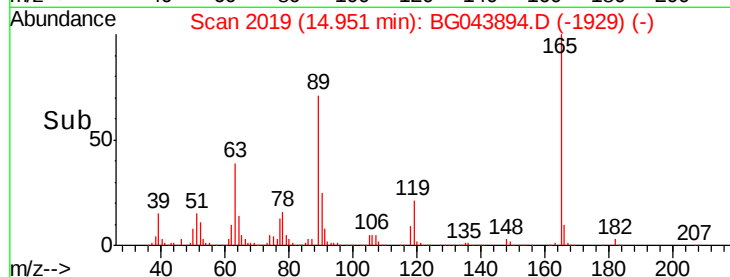
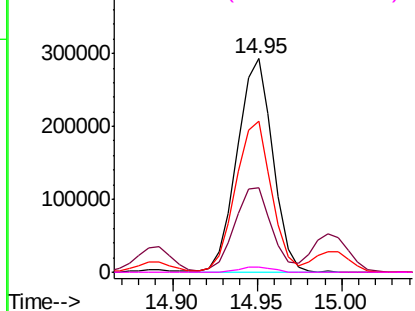


#57
2,4-Dinitrotoluene
Concen: 48.753 ng
RT: 14.95 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

Tgt Ion:	165	Resp:	424355
Ion	Ratio	Lower	Upper
165	100		
63	39.6	31.9	47.9
89	71.0	53.8	80.6
182	2.6	2.0	3.0

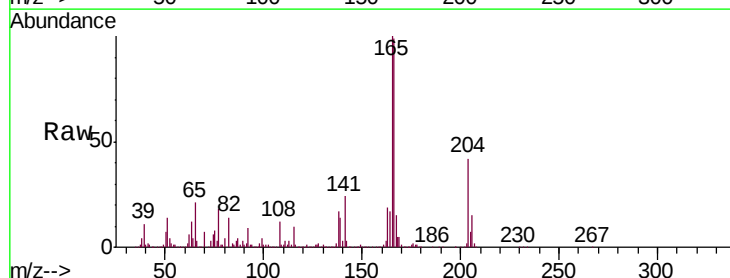


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

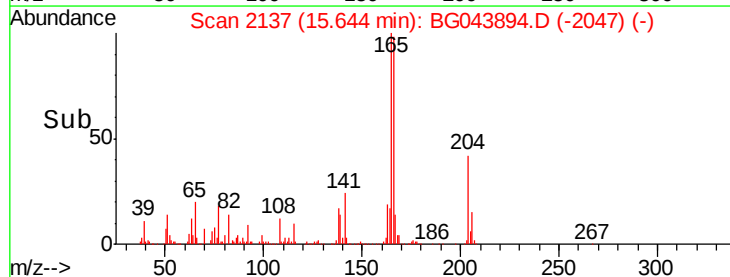
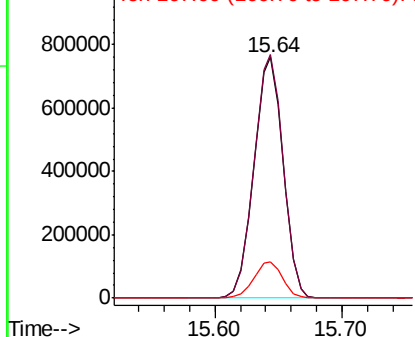


#58
Fluorene
Concen: 47.726 ng
RT: 15.64 min Scan# 2137
Delta R.T. 0.00 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

Tgt Ion:	166	Resp:	1212133
Ion	Ratio	Lower	Upper
166	100		
165	101.1	80.8	121.2
167	14.8	12.1	18.1



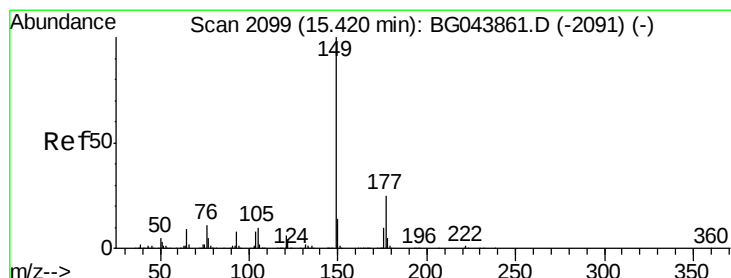
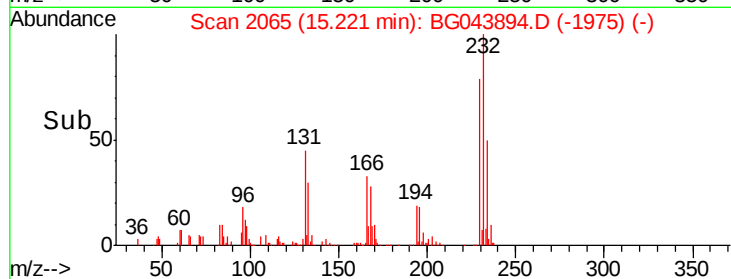
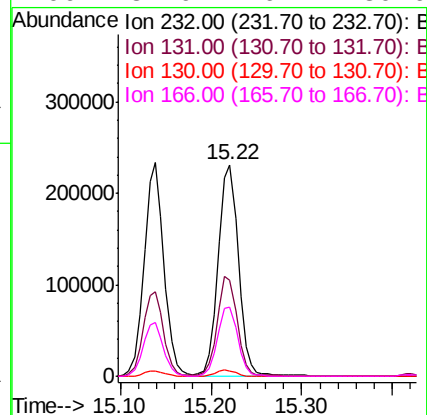
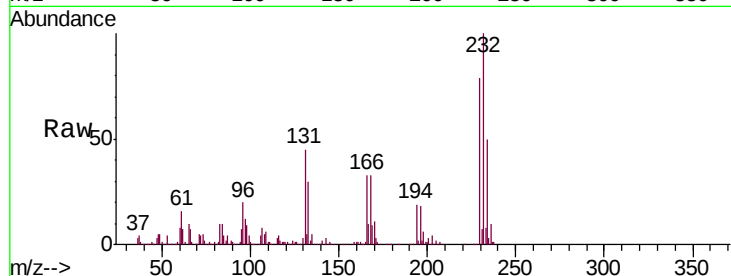
Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





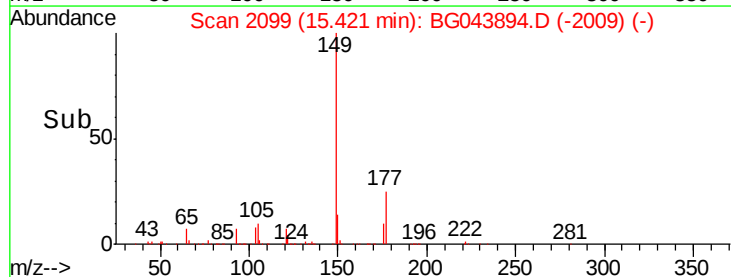
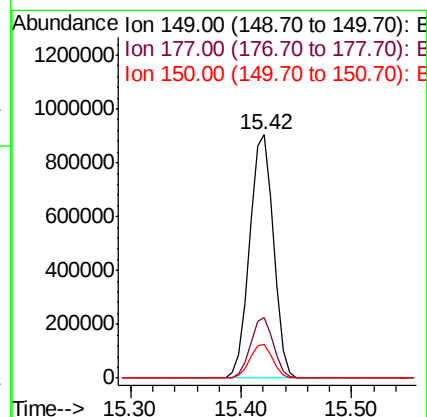
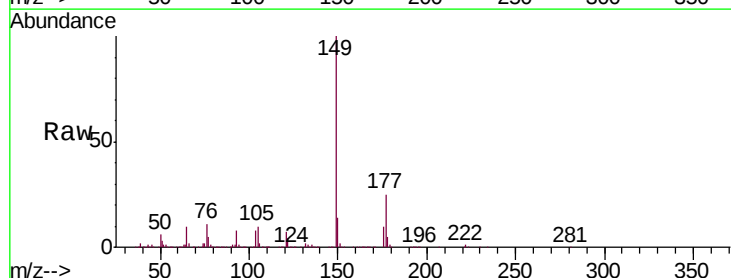
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.995 ng
 RT: 15.22 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: BG043894.D
 Acq: 3 Jan 2020 19:15

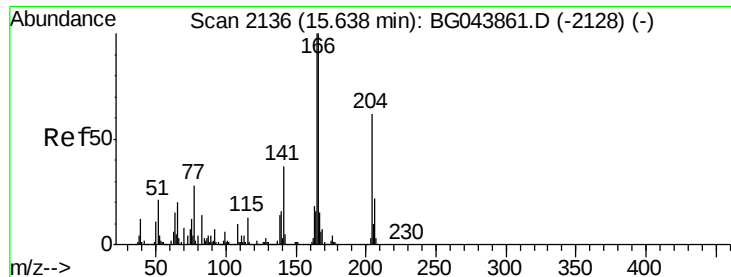
Tgt Ion:	232	Resp:	356425
Ion	Ratio	Lower	Upper
232	100		
131	46.6	38.2	57.2
130	2.9	2.2	3.2
166	32.9	26.4	39.6



#60
 Diethylphthalate
 Concen: 48.463 ng
 RT: 15.42 min Scan# 2099
 Delta R.T. 0.00 min
 Lab File: BG043894.D
 Acq: 3 Jan 2020 19:15

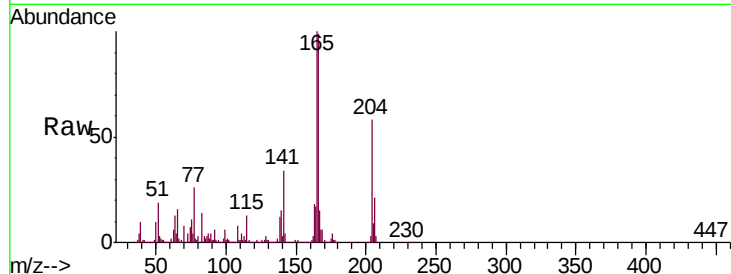
Tgt Ion:	149	Resp:	1371853
Ion	Ratio	Lower	Upper
149	100		
177	25.1	20.0	30.0
150	13.9	11.1	16.7



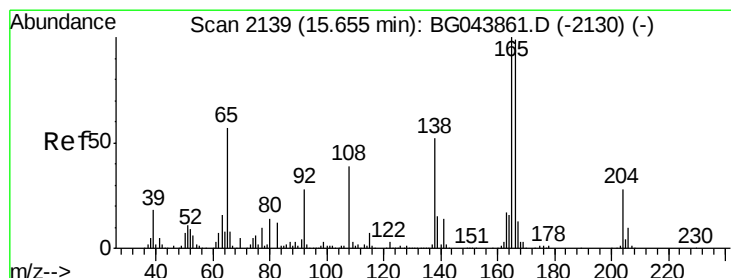
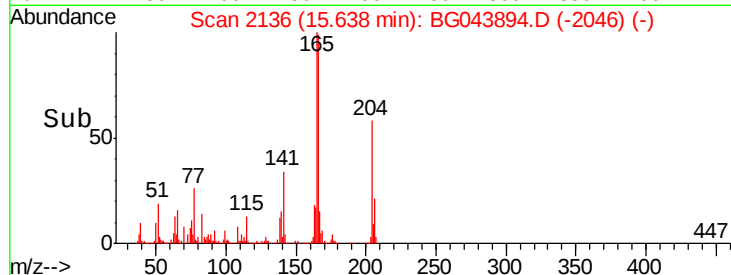
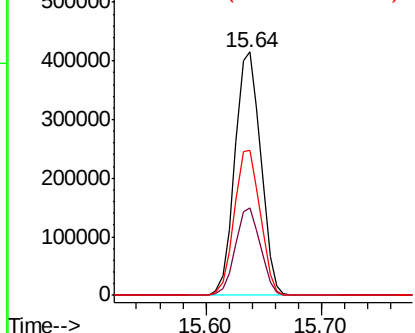


#61
 4-Chlorophenyl-phenylether
 Concen: 46.432 ng
 RT: 15.64 min Scan# 2136
 Delta R.T. 0.00 min
 Lab File: BG043894.D
 Acq: 3 Jan 2020 19:15

Tgt Ion: 204 Resp: 640333
 Ion Ratio Lower Upper
 204 100
 206 36.0 28.2 42.2
 141 59.3 48.2 72.2

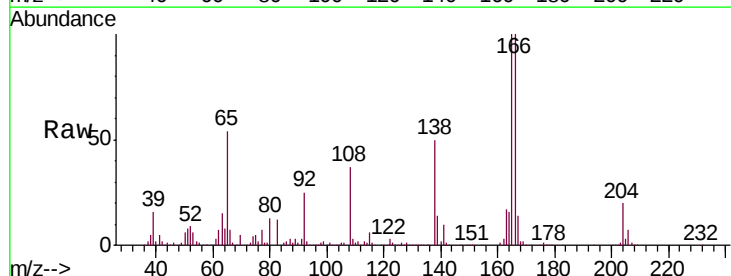


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

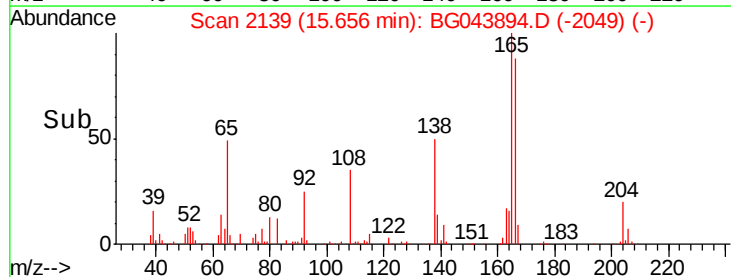
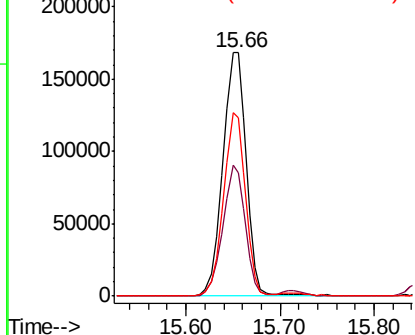


#62
 4-Nitroaniline
 Concen: 40.702 ng
 RT: 15.66 min Scan# 2139
 Delta R.T. 0.00 min
 Lab File: BG043894.D
 Acq: 3 Jan 2020 19:15

Tgt Ion: 138 Resp: 291975
 Ion Ratio Lower Upper
 138 100
 92 50.7 34.3 74.3
 108 73.3 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: 49.396 ng

RT: 15.93 min Scan# 2186

Delta R.T. 0.00 min

Lab File: BG043894.D

Acq: 3 Jan 2020 19:15

Tgt Ion: 77 Resp: 1296735

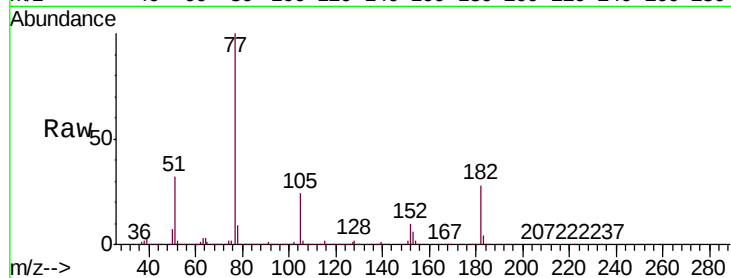
Ion Ratio Lower Upper

77 100

182 28.0 7.3 47.3

105 23.8 3.2 43.2

51 31.8 10.6 50.6

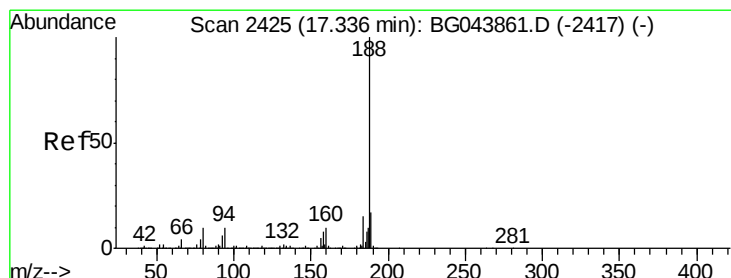
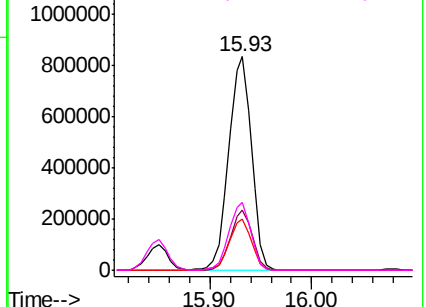
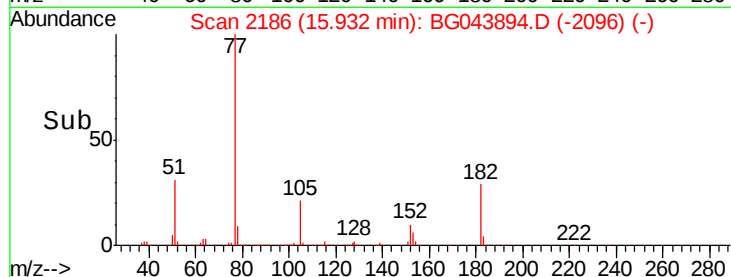


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG043894.D

Acq: 3 Jan 2020 19:15

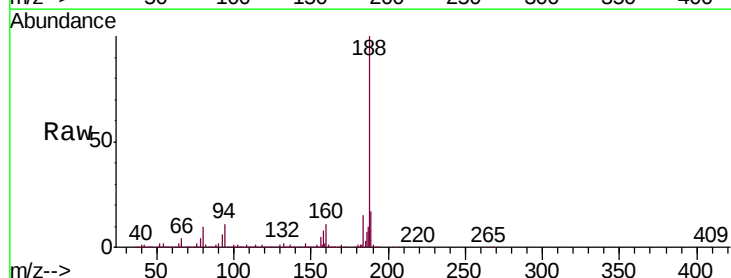
Tgt Ion: 188 Resp: 837133

Ion Ratio Lower Upper

188 100

94 10.5 7.9 11.9

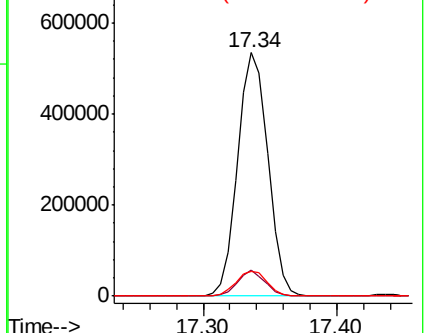
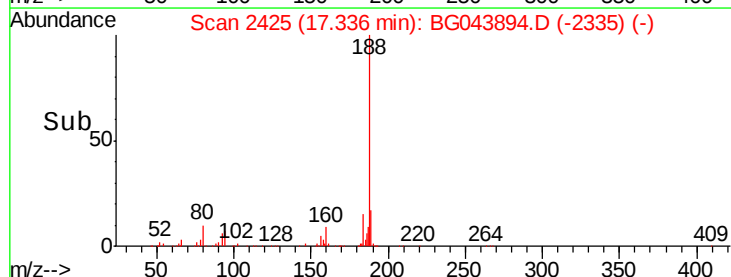
80 10.1 8.2 12.4

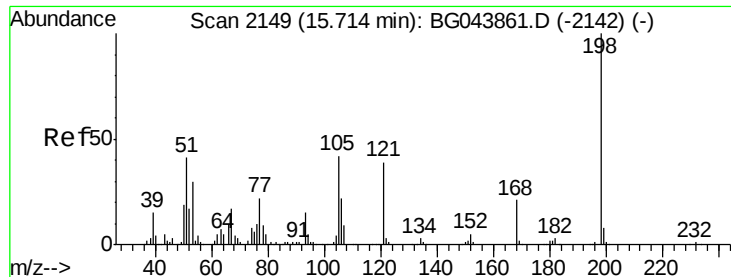


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

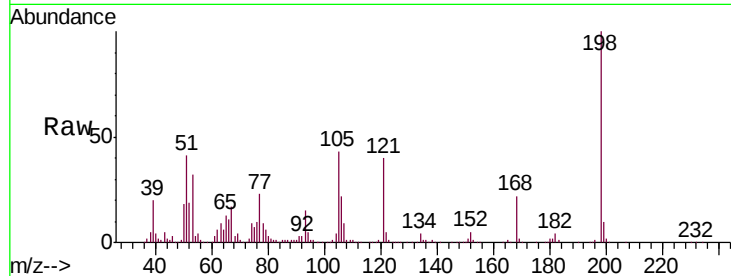
Ion 80.00 (79.70 to 80.70): BGC



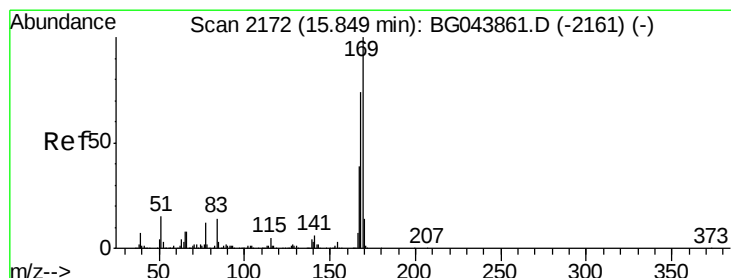
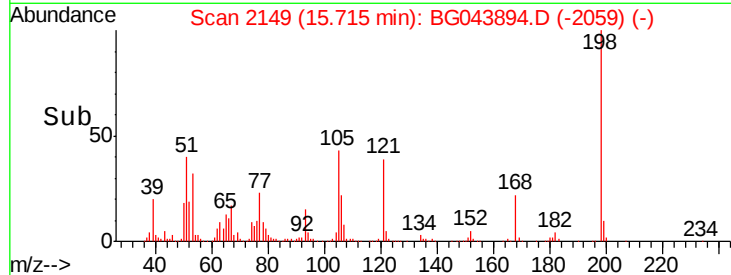
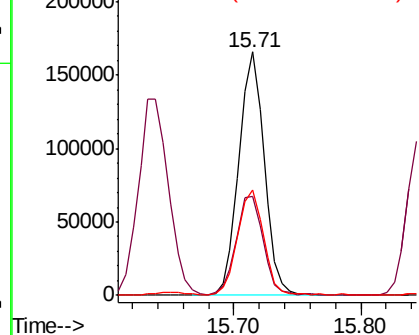


#65
 4,6-Dinitro-2-methylphenol
 Concen: 52.735 ng
 RT: 15.71 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: BG043894.D
 Acq: 3 Jan 2020 19:15

Tgt Ion	Ratio	Lower	Upper
198	100		
51	40.6	22.5	62.5
105	43.2	22.3	62.3

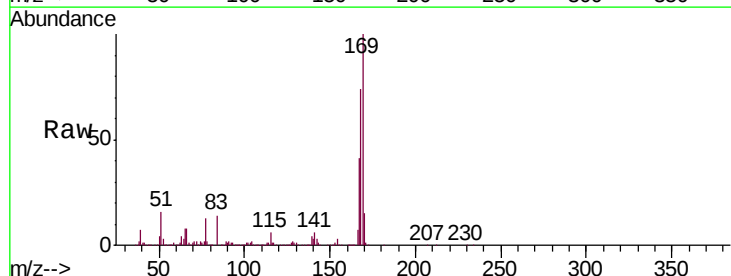


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

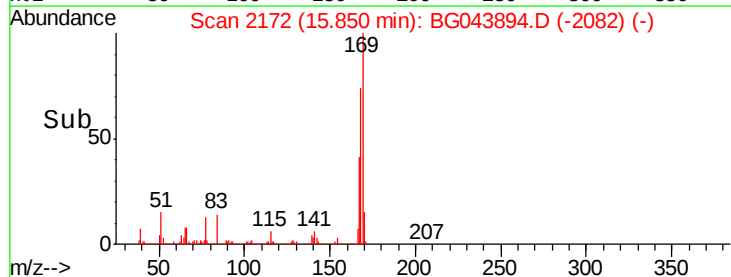
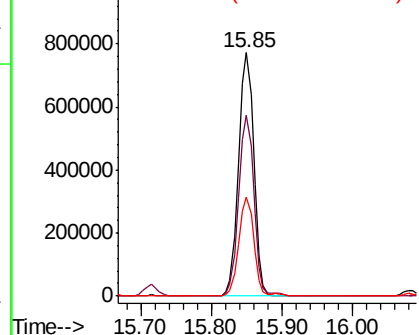


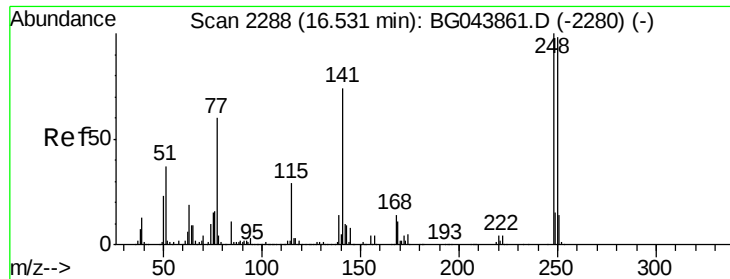
#66
 n-Nitrosodiphenylamine
 Concen: 47.145 ng
 RT: 15.85 min Scan# 2172
 Delta R.T. 0.00 min
 Lab File: BG043894.D
 Acq: 3 Jan 2020 19:15

Tgt Ion	Ratio	Lower	Upper
169	100		
168	74.2	59.0	88.6
167	40.5	31.4	47.0



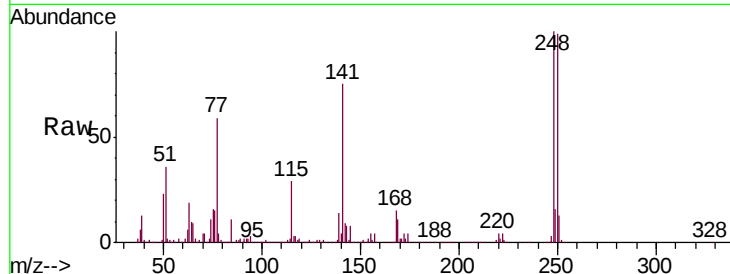
Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E



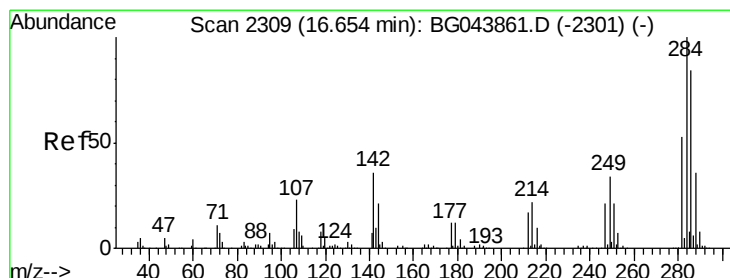
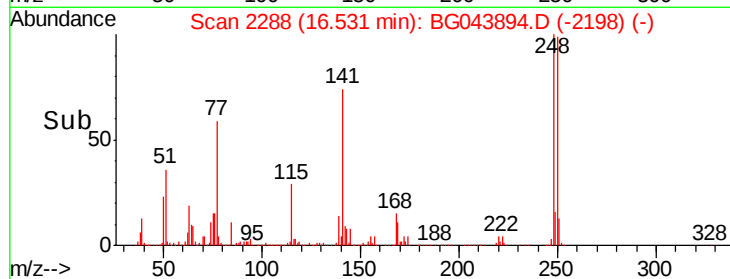
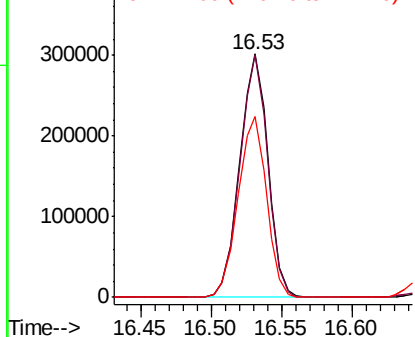


#67
 4-Bromophenyl-phenylether
 Concen: 44.793 ng
 RT: 16.53 min Scan# 2288
 Delta R.T. 0.00 min
 Lab File: BG043894.D
 Acq: 3 Jan 2020 19:15

Tgt Ion:248 Resp: 421734
 Ion Ratio Lower Upper
 248 100
 250 99.4 78.2 117.2
 141 74.5 59.3 88.9

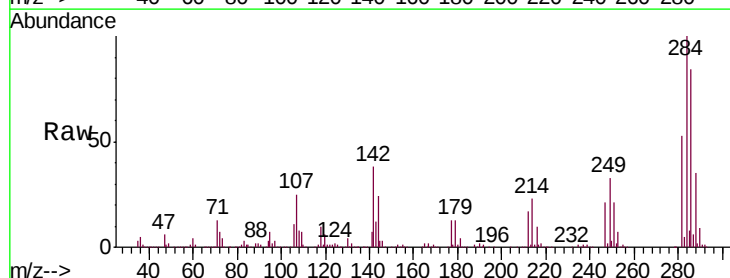


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

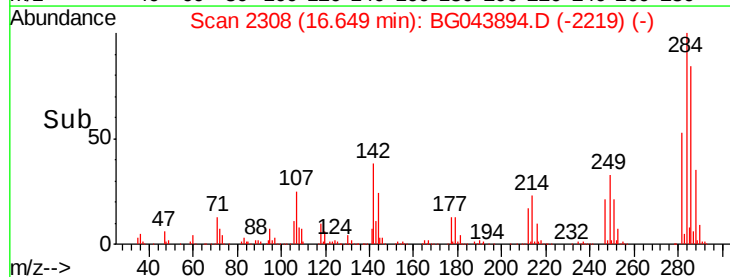
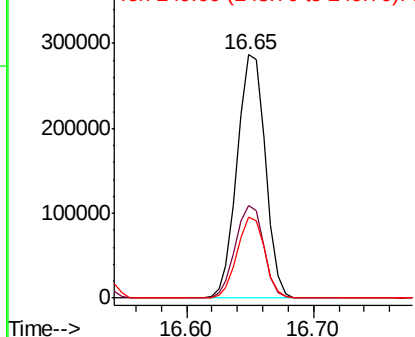


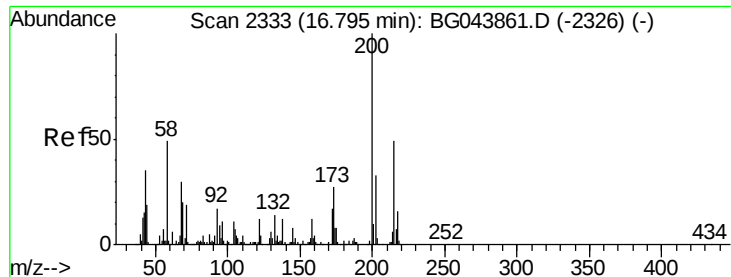
#68
 Hexachlorobenzene
 Concen: 43.591 ng
 RT: 16.65 min Scan# 2308
 Delta R.T. -0.01 min
 Lab File: BG043894.D
 Acq: 3 Jan 2020 19:15

Tgt Ion:284 Resp: 442235
 Ion Ratio Lower Upper
 284 100
 142 37.9 28.6 43.0
 249 33.2 27.0 40.6



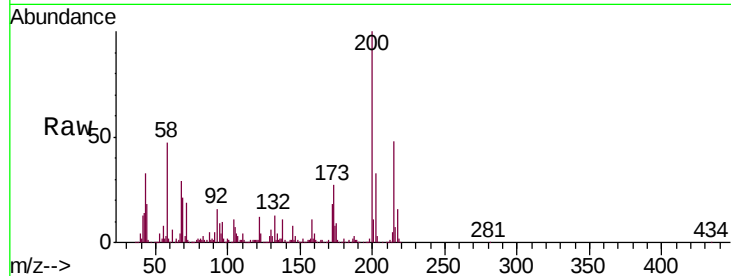
Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E



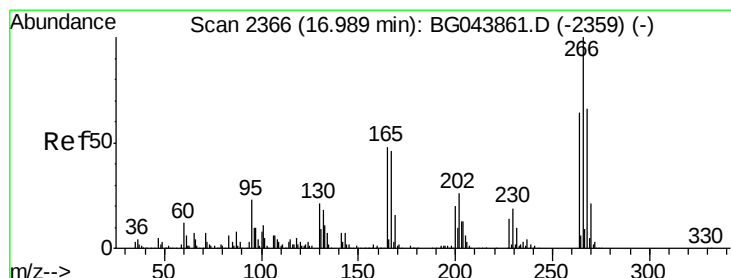
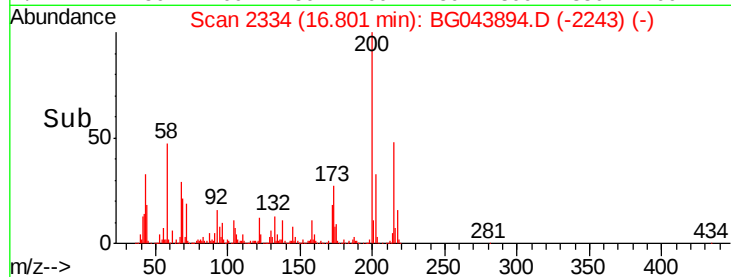
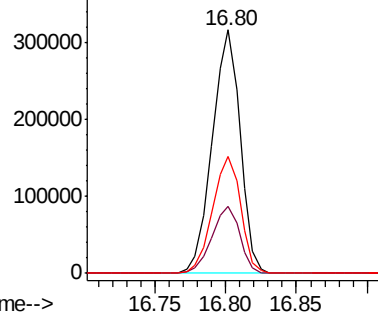


#69
Atrazine
Concen: 54.327 ng
RT: 16.80 min Scan# 2334
Delta R.T. 0.01 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.5	6.6	46.6
215	47.9	28.6	68.6

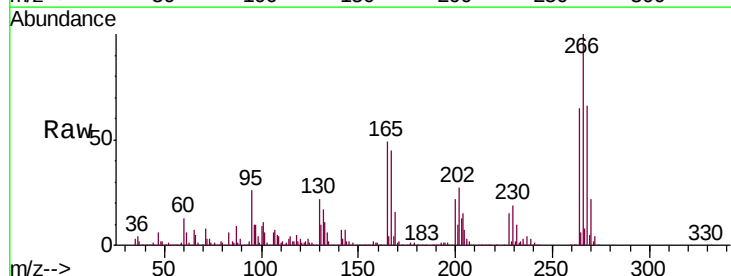


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

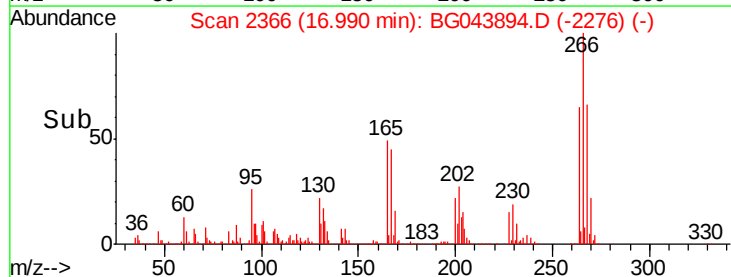
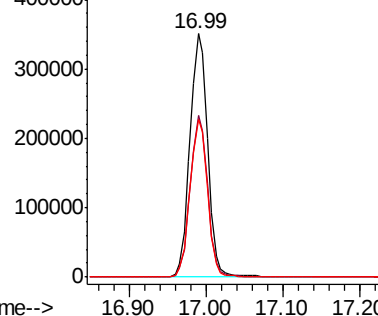


#70
Pentachlorophenol
Concen: 99.482 ng
RT: 16.99 min Scan# 2366
Delta R.T. 0.00 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.3	52.6	79.0
264	64.7	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

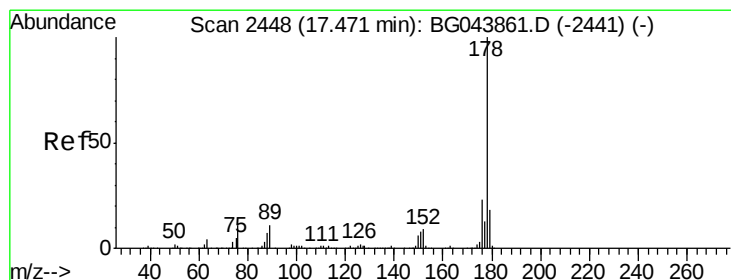
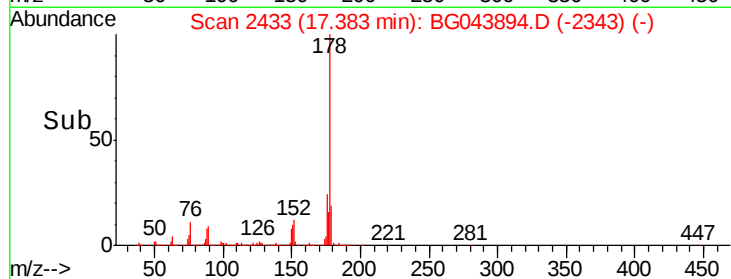
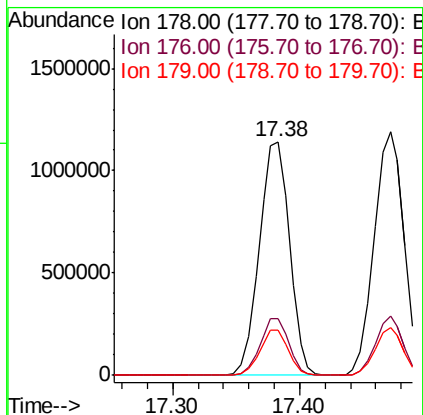
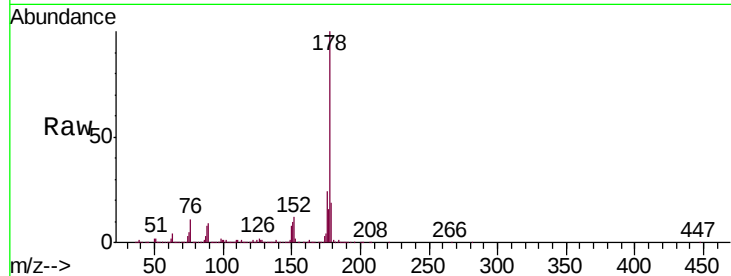




#71
 Phenanthrene
 Concen: 47.279 ng
 RT: 17.38 min Scan# 2433
 Delta R.T. 0.00 min
 Lab File: BG043894.D
 Acq: 3 Jan 2020 19:15

Tgt Ion:178 Resp: 1898416

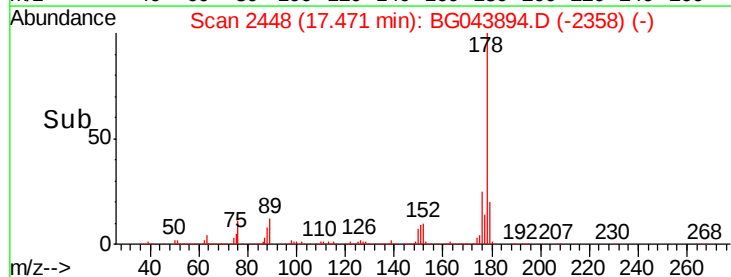
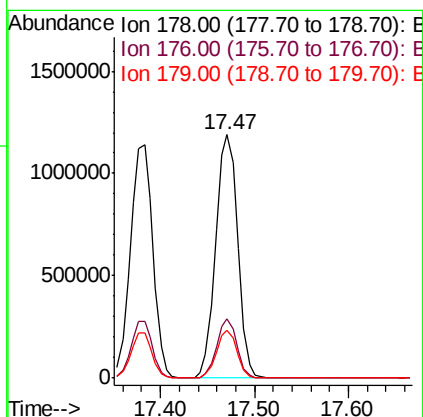
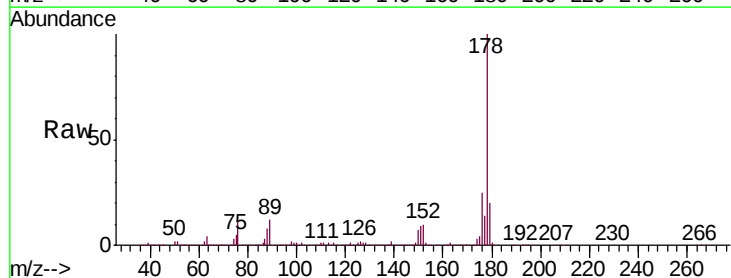
Ion	Ratio	Lower	Upper
178	100		
176	24.4	18.6	28.0
179	19.1	14.4	21.6

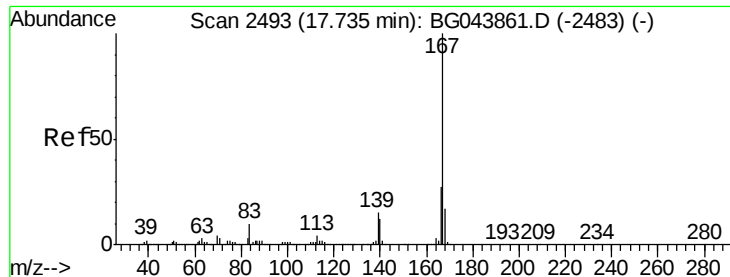


#72
 Anthracene
 Concen: 49.058 ng
 RT: 17.47 min Scan# 2448
 Delta R.T. 0.00 min
 Lab File: BG043894.D
 Acq: 3 Jan 2020 19:15

Tgt Ion:178 Resp: 1946745

Ion	Ratio	Lower	Upper
178	100		
176	24.6	18.3	27.5
179	19.9	14.6	22.0





#73

Carbazole

Concen: 49.113 ng

RT: 17.74 min Scan# 2493

Delta R.T. 0.00 min

Lab File: BG043894.D

Acq: 3 Jan 2020 19:15

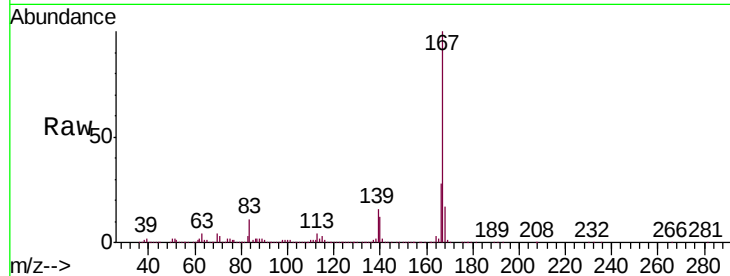
Tgt Ion:167 Resp: 1800276

Ion Ratio Lower Upper

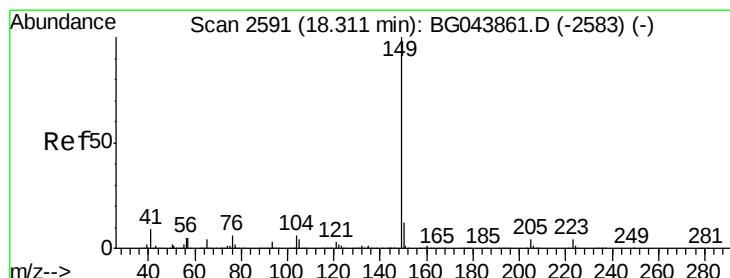
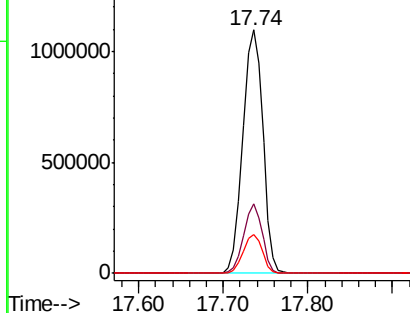
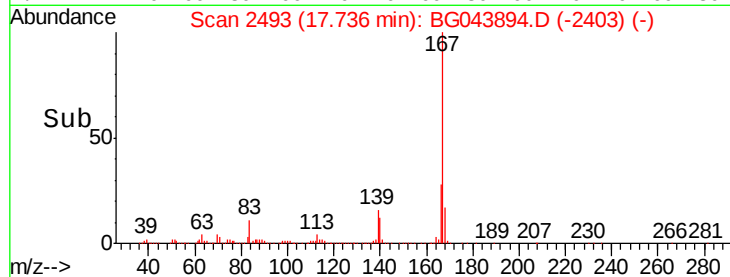
167 100

166 28.4 21.6 32.4

139 15.8 12.1 18.1



Abundance Ion 167.00 (166.70 to 167.70): E
1500000 Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 45.802 ng

RT: 18.31 min Scan# 2590

Delta R.T. -0.01 min

Lab File: BG043894.D

Acq: 3 Jan 2020 19:15

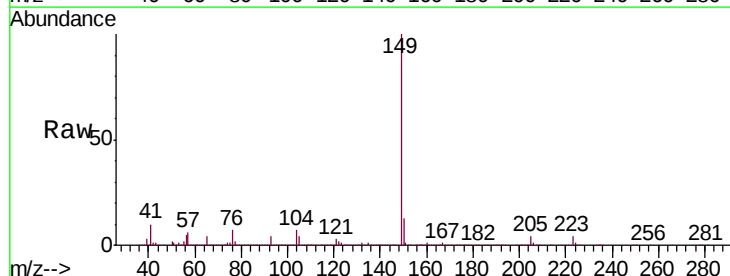
Tgt Ion:149 Resp: 2143543

Ion Ratio Lower Upper

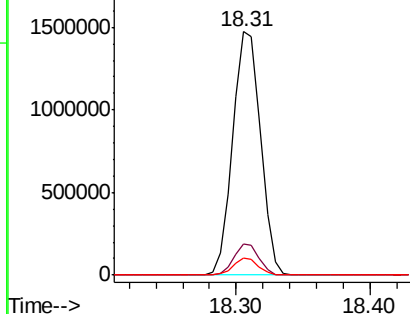
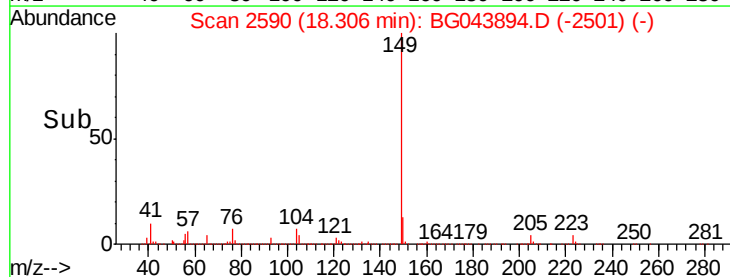
149 100

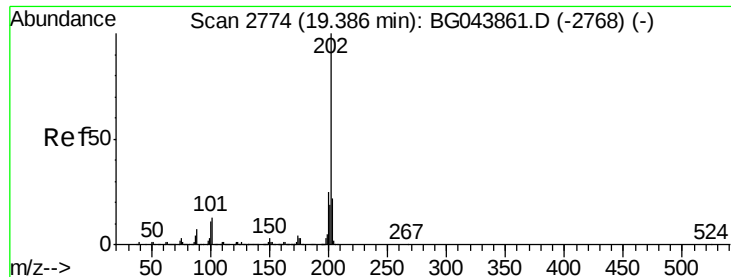
150 12.9 9.7 14.5

104 6.9 5.0 7.4



Abundance Ion 149.00 (148.70 to 149.70): E
2000000 Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 46.242 ng

RT: 19.39 min Scan# 2774

Delta R.T. 0.00 min

Lab File: BG043894.D

Acq: 3 Jan 2020 19:15

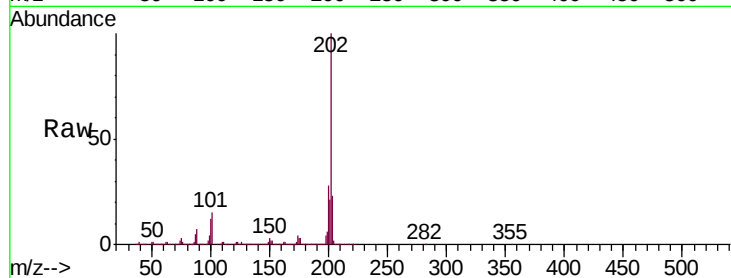
Tgt Ion:202 Resp: 2123452

Ion Ratio Lower Upper

202 100

101 14.8 0.0 33.3

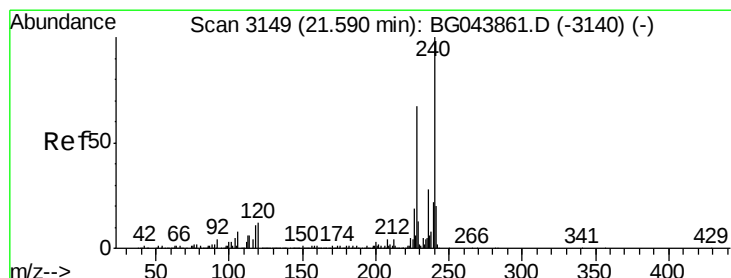
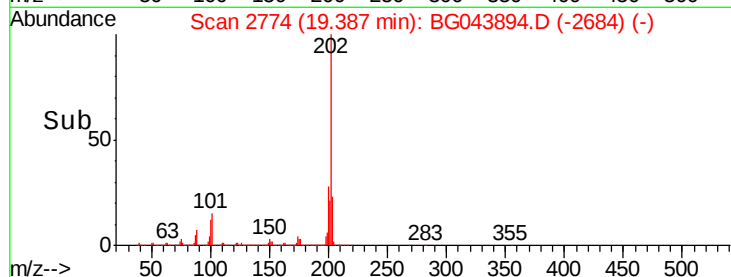
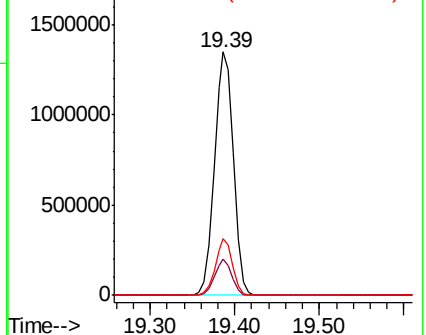
203 23.3 1.6 41.6



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: BG043894.D

Acq: 3 Jan 2020 19:15

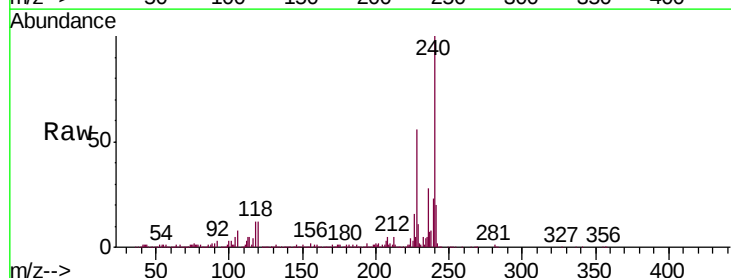
Tgt Ion:240 Resp: 700540

Ion Ratio Lower Upper

240 100

120 11.8 9.6 14.4

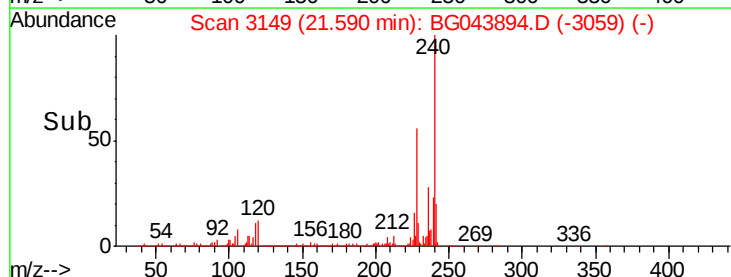
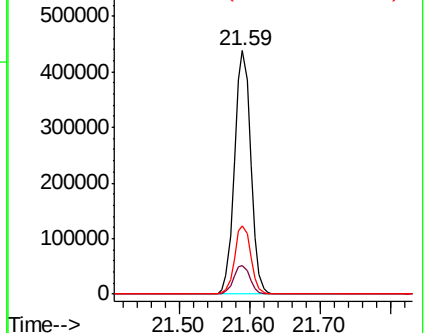
236 28.1 22.2 33.2

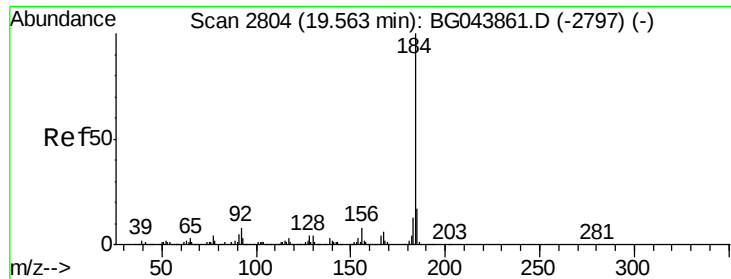


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 33.385 ng

RT: 19.56 min Scan# 2804

Delta R.T. 0.00 min

Lab File: BG043894.D

Acq: 3 Jan 2020 19:15

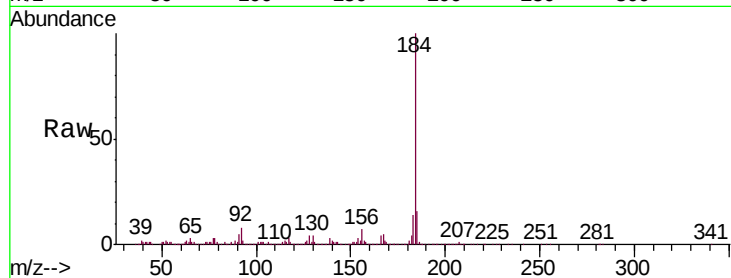
Tgt Ion:184 Resp: 587868

Ion Ratio Lower Upper

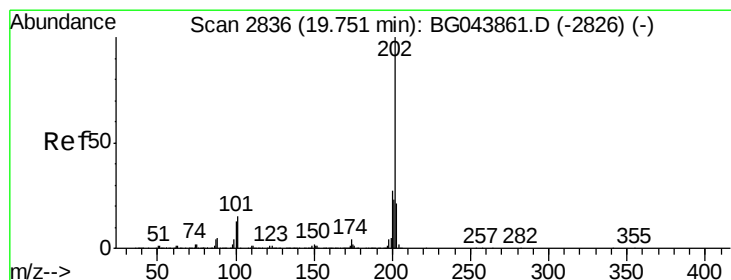
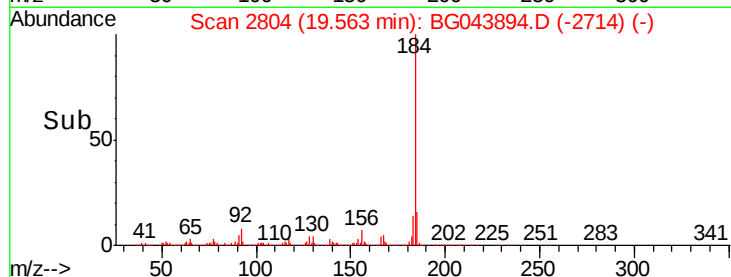
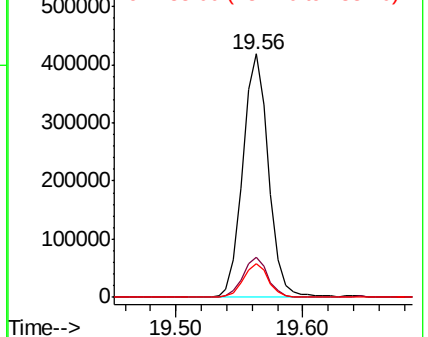
184 100

185 16.3 13.4 20.0

183 13.7 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: 46.923 ng

RT: 19.75 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BG043894.D

Acq: 3 Jan 2020 19:15

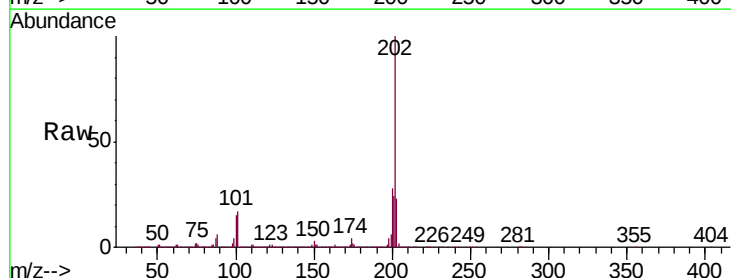
Tgt Ion:202 Resp: 2145627

Ion Ratio Lower Upper

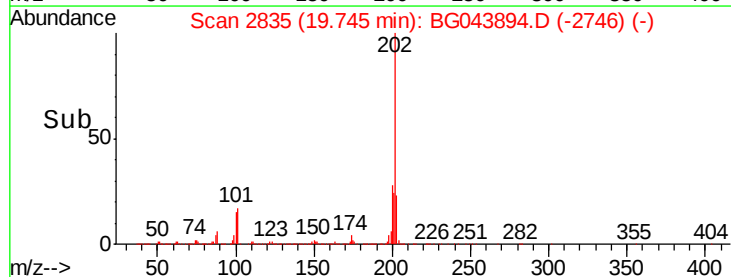
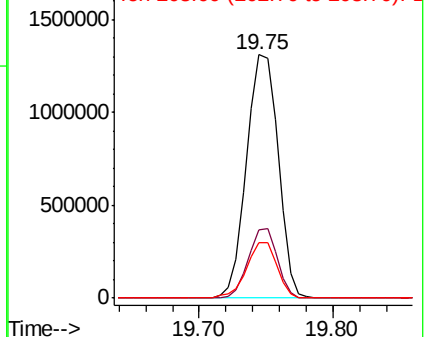
202 100

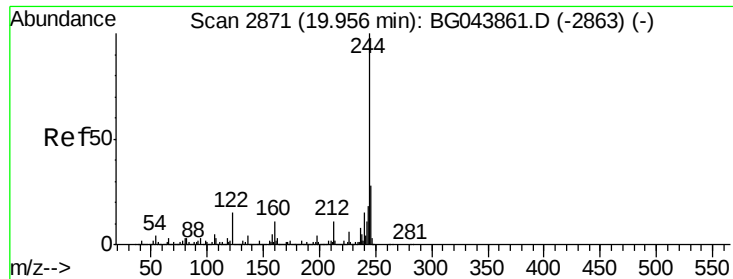
200 27.9 21.7 32.5

203 22.7 17.0 25.6



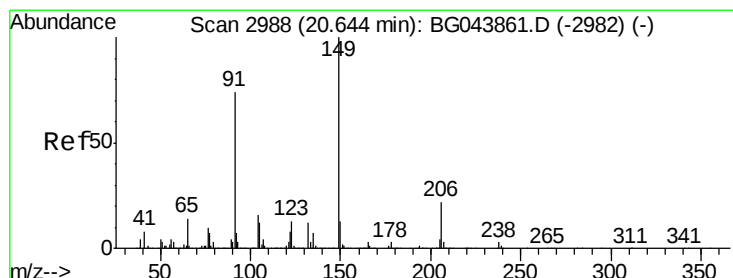
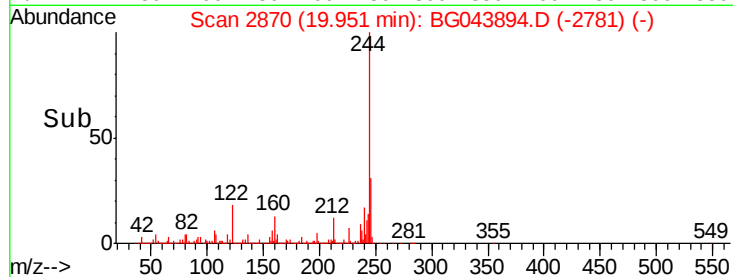
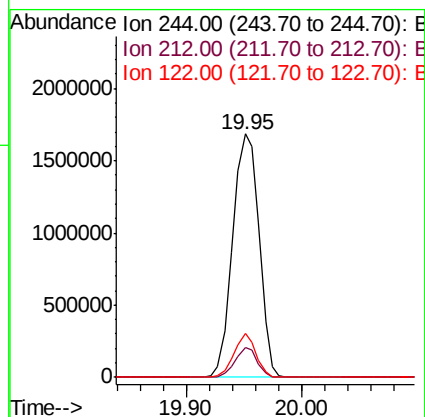
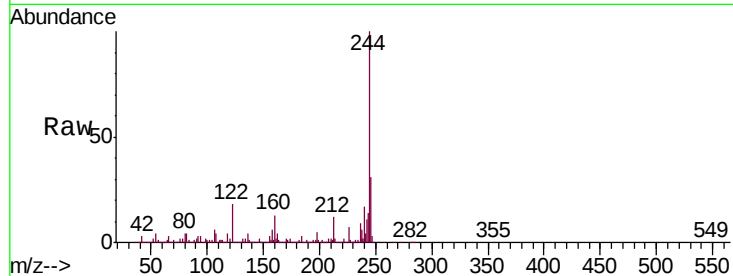
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





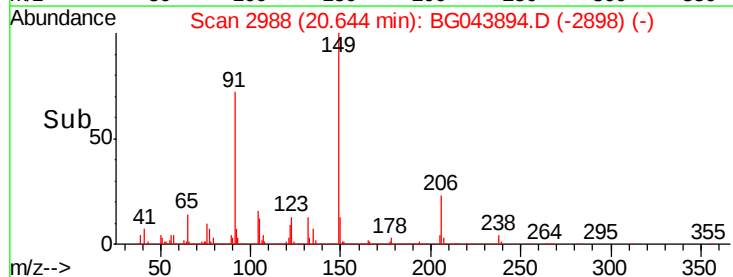
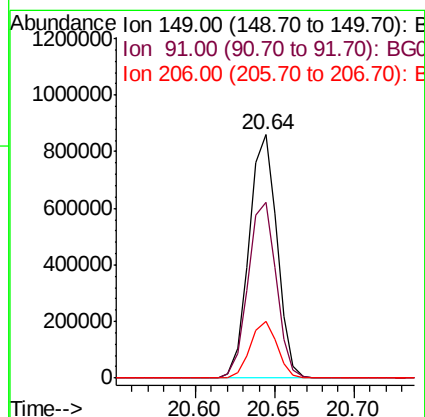
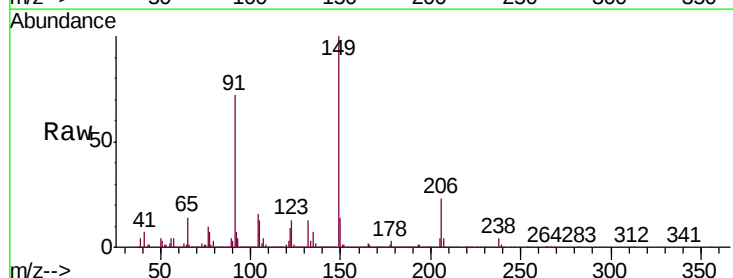
#79
 Terphenyl-d14
 Concen: 93.947 ng
 RT: 19.95 min Scan# 2870
 Delta R.T. -0.01 min
 Lab File: BG043894.D
 Acq: 3 Jan 2020 19:15

Tgt Ion:244 Resp: 2656372
 Ion Ratio Lower Upper
 244 100
 212 12.3 8.6 13.0
 122 17.9 11.9 17.9#



#80
 Butylbenzylphthalate
 Concen: 48.247 ng
 RT: 20.64 min Scan# 2988
 Delta R.T. 0.00 min
 Lab File: BG043894.D
 Acq: 3 Jan 2020 19:15

Tgt Ion:149 Resp: 1050346
 Ion Ratio Lower Upper
 149 100
 91 72.3 59.5 89.3
 206 23.3 17.8 26.6

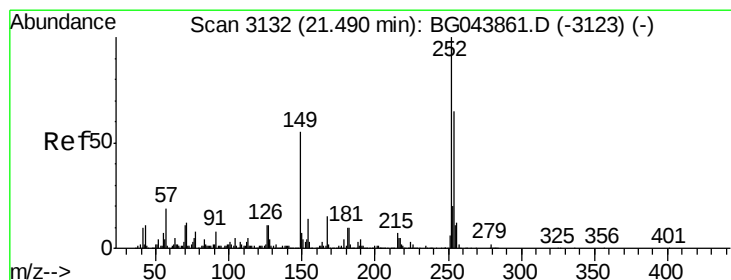
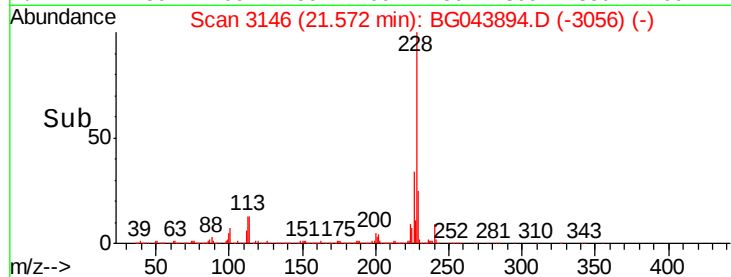
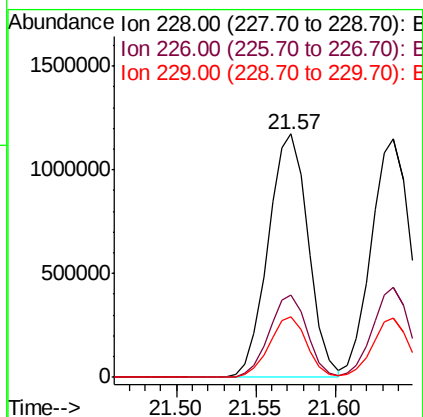
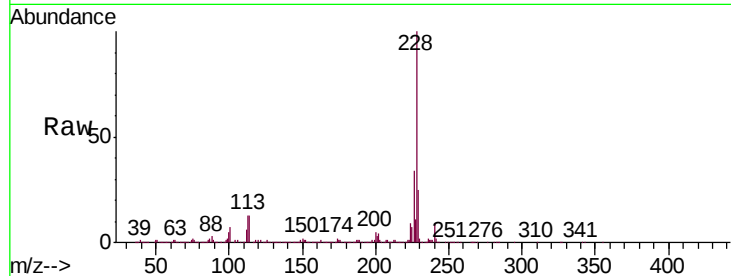




#81
Benzo(a)anthracene
Concen: 47.205 ng
RT: 21.57 min Scan# 3146
Delta R.T. 0.00 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

Tgt Ion: 228 Resp: 2050497

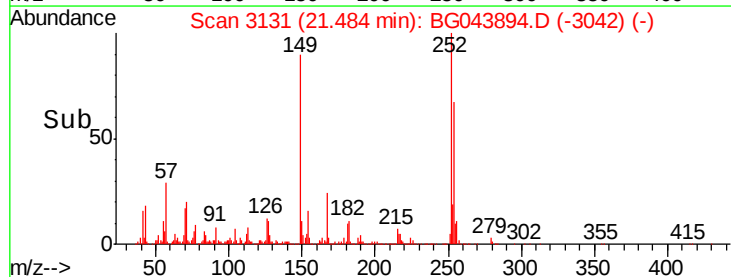
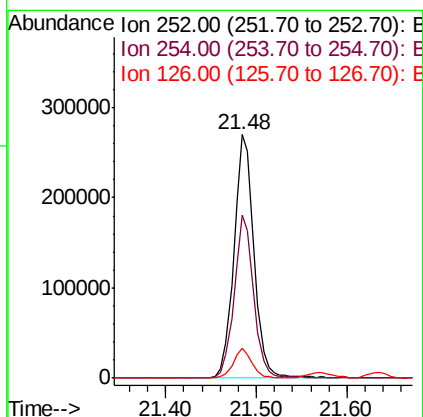
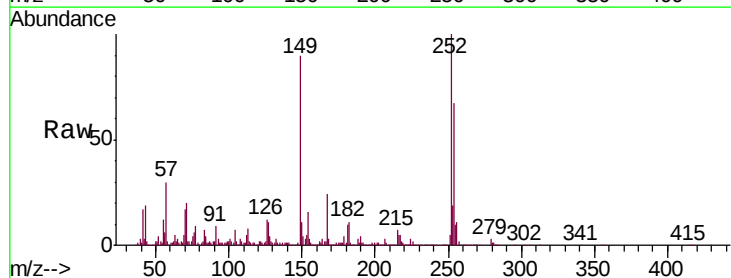
Ion	Ratio	Lower	Upper
228	100		
226	33.6	26.2	39.4
229	24.7	18.9	28.3

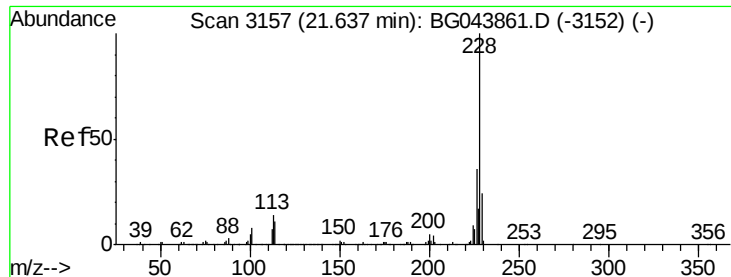


#82
3,3'-Dichlorobenzidine
Concen: 24.311 ng
RT: 21.48 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

Tgt Ion: 252 Resp: 417220

Ion	Ratio	Lower	Upper
252	100		
254	66.8	52.1	78.1
126	12.3	9.1	13.7





#83

Chrysene

Concen: 47.639 ng

RT: 21.64 min Scan# 3157

Delta R.T. 0.00 min

Lab File: BG043894.D

Acq: 3 Jan 2020 19:15

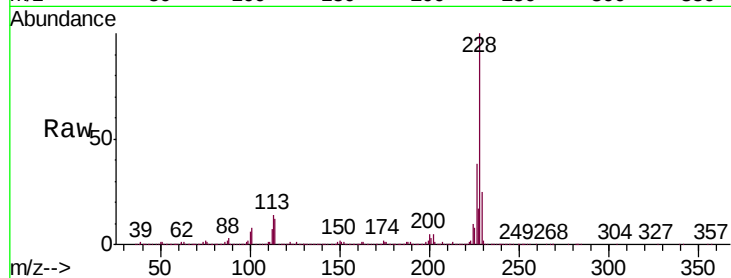
Tgt Ion: 228 Resp: 1966318

Ion Ratio Lower Upper

228 100

226 37.7 28.8 43.2

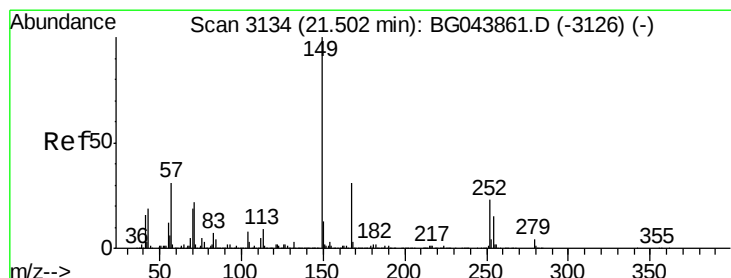
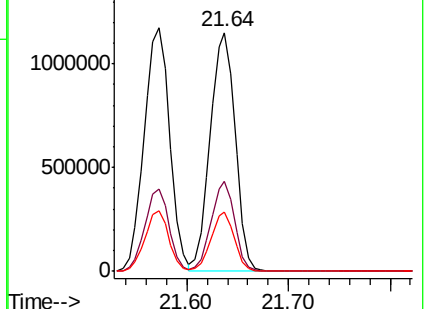
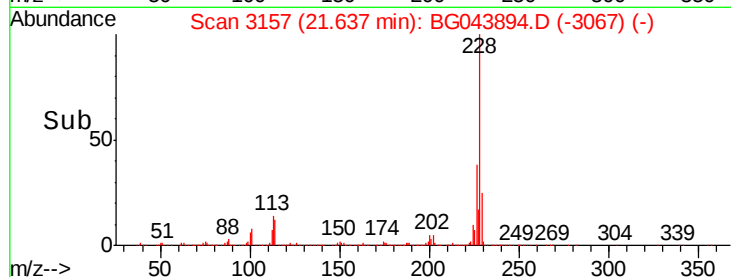
229 24.6 19.0 28.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.239 ng

RT: 21.50 min Scan# 3134

Delta R.T. 0.00 min

Lab File: BG043894.D

Acq: 3 Jan 2020 19:15

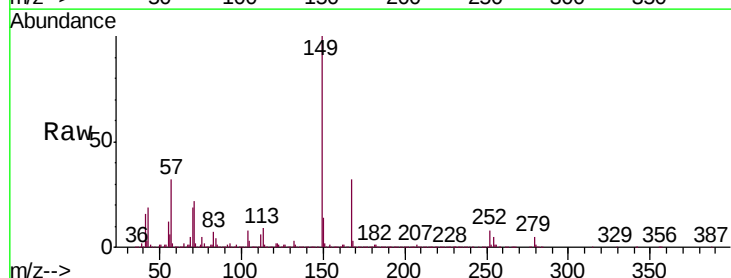
Tgt Ion: 149 Resp: 1479083

Ion Ratio Lower Upper

149 100

167 31.9 24.7 37.1

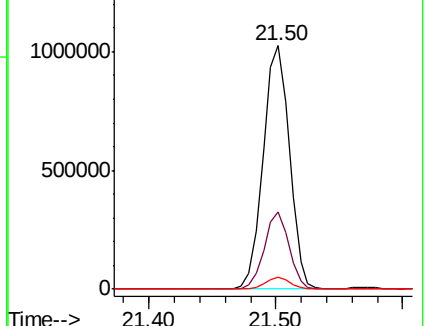
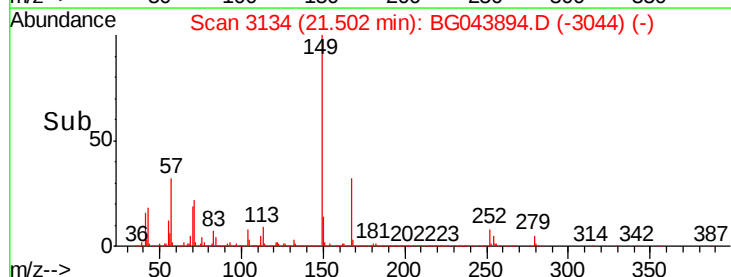
279 4.7 3.3 4.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

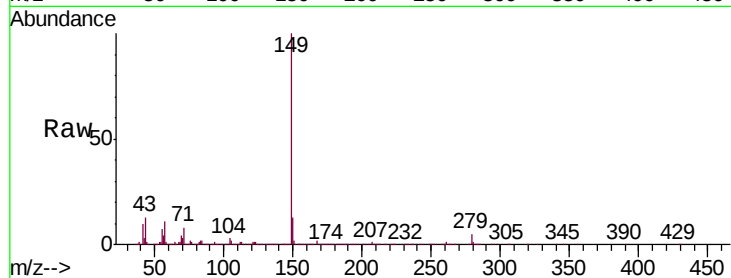
Ion 279.00 (278.70 to 279.70): E



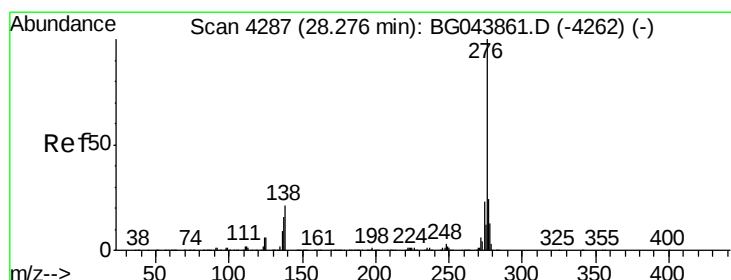
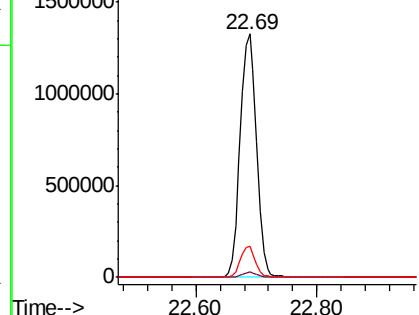
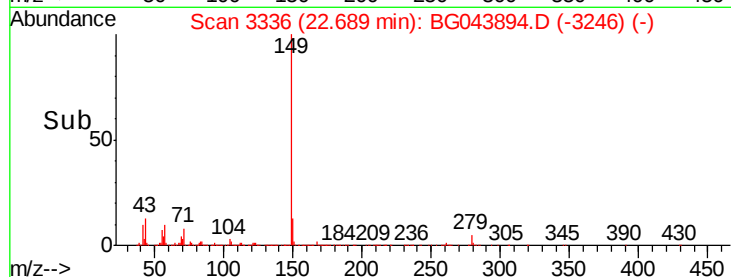


#85
Di-n-octyl phthalate
Concen: 49.629 ng
RT: 22.69 min Scan# 3336
Delta R.T. 0.00 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

Tgt Ion:149 Resp: 2506259
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 11.5 8.8 13.2

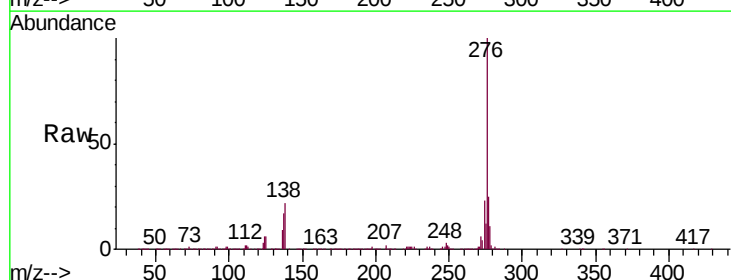


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

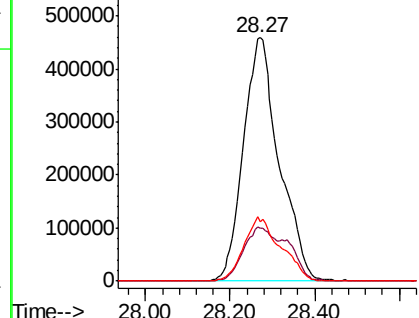
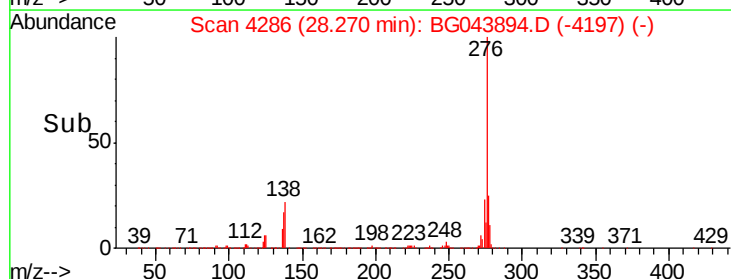


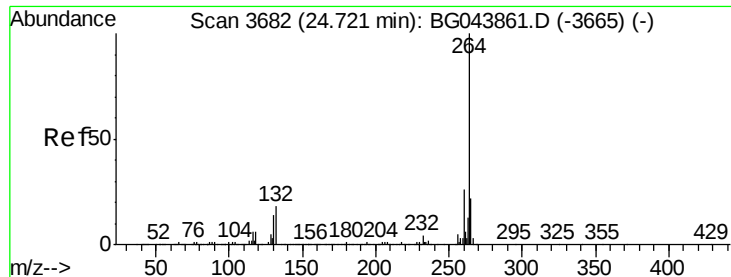
#86
Indeno(1,2,3-cd)pyrene
Concen: 47.912 ng
RT: 28.27 min Scan# 4286
Delta R.T. -0.01 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

Tgt Ion:276 Resp: 2687506
Ion Ratio Lower Upper
276 100
138 19.8 21.0 31.4#
277 27.0 21.1 31.7



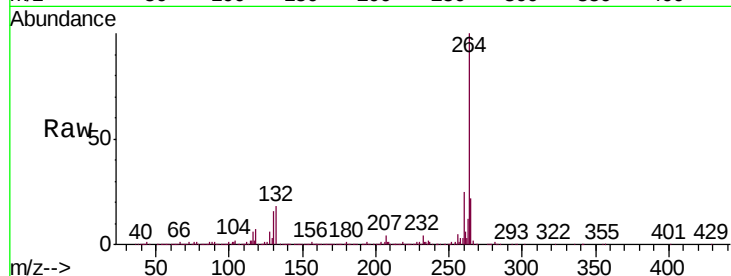
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



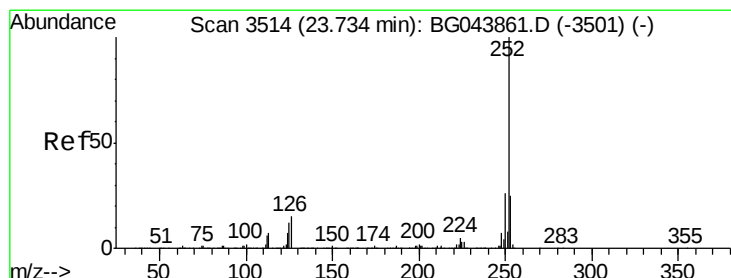
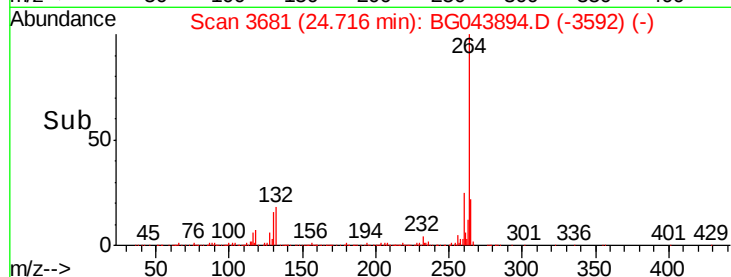
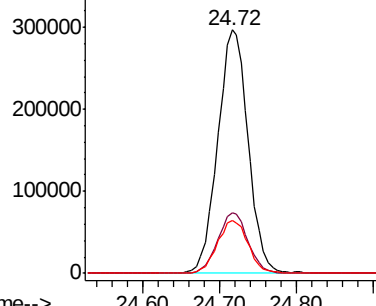


#87
Perylene-d12
Concen: 20.000 ng
RT: 24.72 min Scan# 3681
Delta R.T. -0.01 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

Tgt Ion:	264	Resp:	817218
Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.4	30.6
265	21.7	17.4	26.2

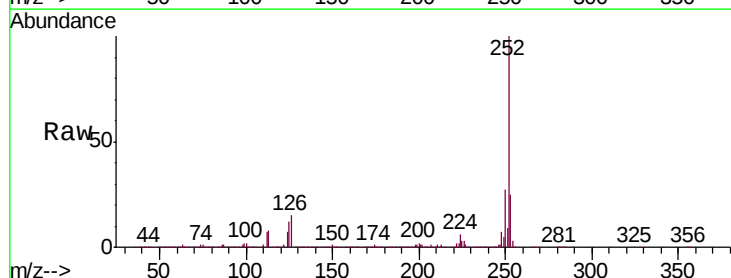


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

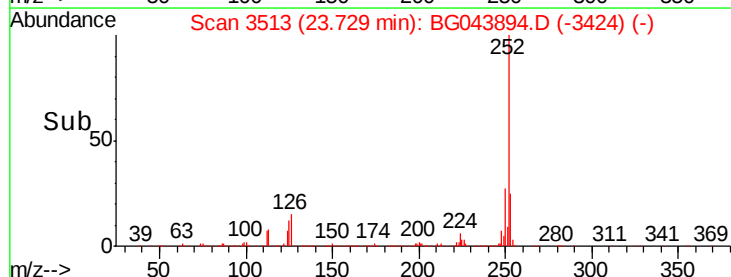
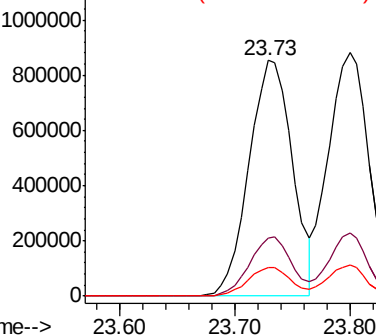


#88
Benzo(b)fluoranthene
Concen: 46.208 ng
RT: 23.73 min Scan# 3513
Delta R.T. -0.01 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

Tgt Ion:	252	Resp:	2232377
Ion	Ratio	Lower	Upper
252	100		
253	24.8	19.7	29.5
125	12.3	9.4	14.2



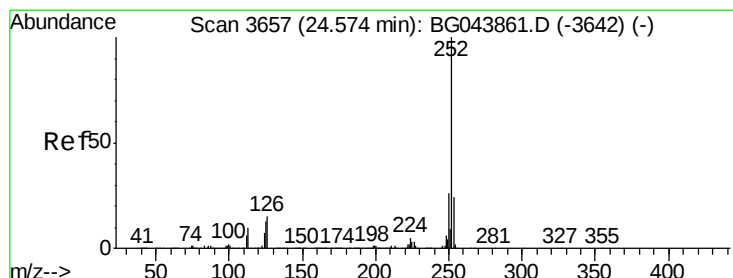
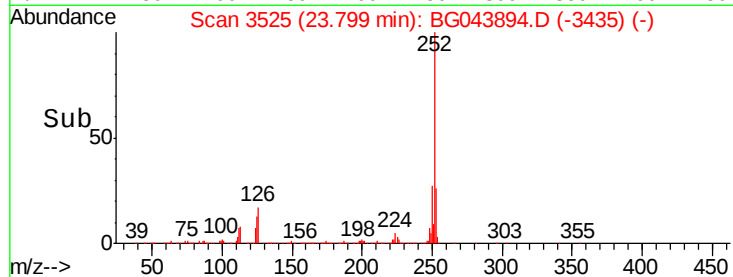
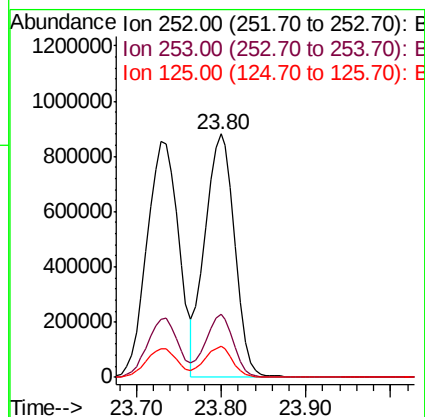
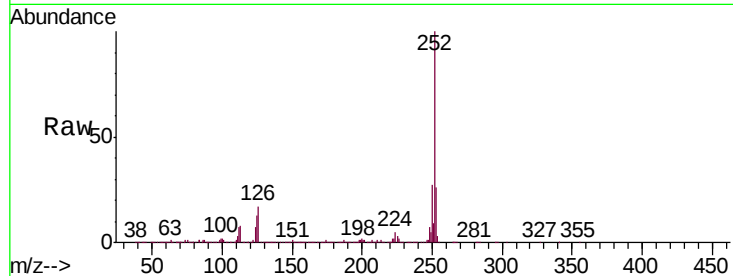
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





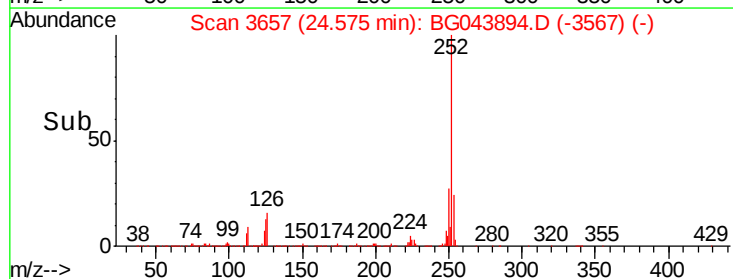
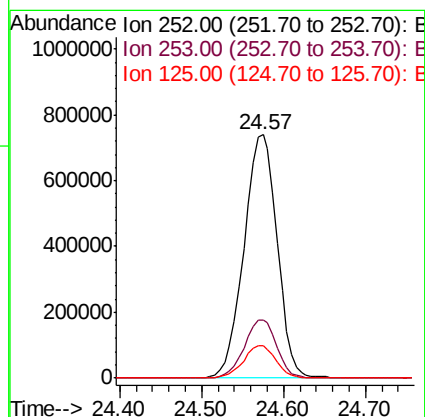
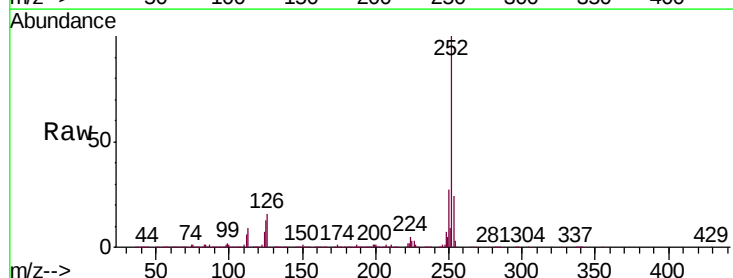
#89
Benzo(k)fluoranthene
Concen: 46.992 ng
RT: 23.80 min Scan# 3525
Delta R.T. 0.00 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

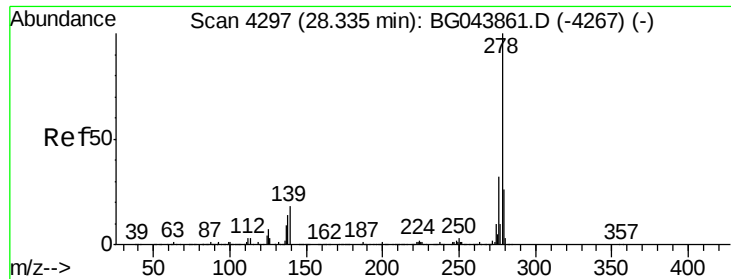
Tgt Ion:252 Resp: 2158884
Ion Ratio Lower Upper
252 100
253 26.0 19.4 29.2
125 12.8 9.9 14.9



#90
Benzo(a)pyrene
Concen: 45.722 ng
RT: 24.57 min Scan# 3657
Delta R.T. 0.00 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

Tgt Ion:252 Resp: 2084817
Ion Ratio Lower Upper
252 100
253 24.1 19.3 28.9
125 13.1 10.4 15.6

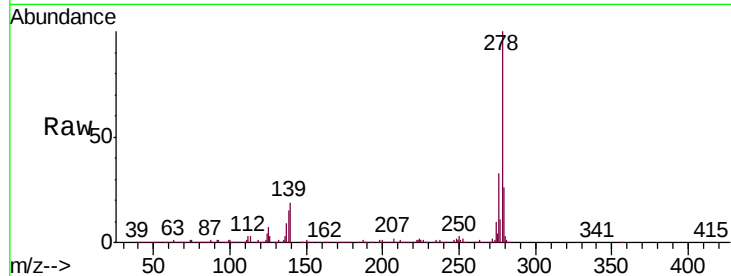




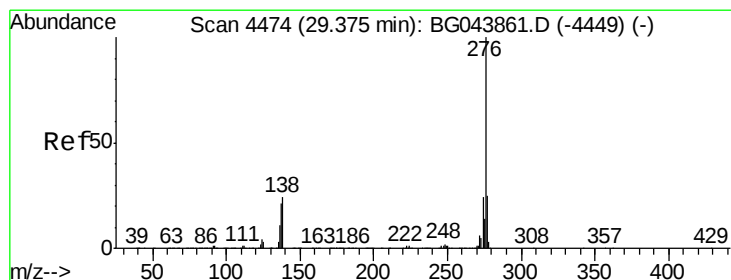
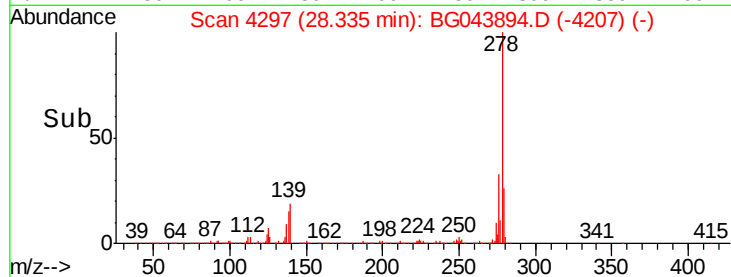
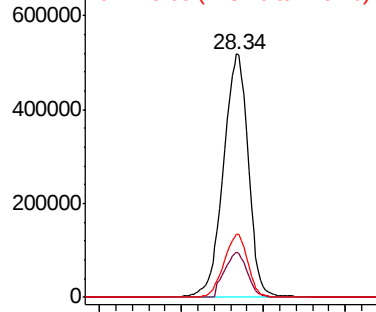
#91
Dibenzo(a,h)anthracene
Concen: 47.953 ng
RT: 28.34 min Scan# 4297
Delta R.T. 0.00 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

Tgt Ion: 278 Resp: 2195940

Ion	Ratio	Lower	Upper
278	100		
139	18.8	14.2	21.4
279	25.7	20.6	30.8



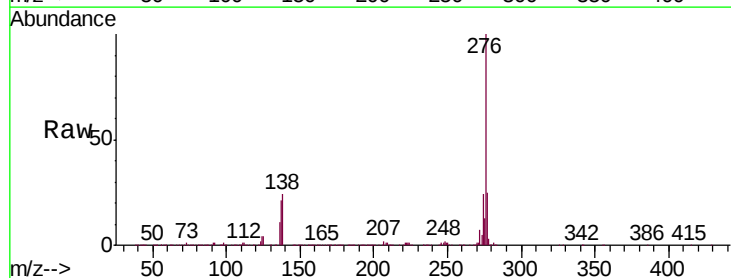
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 49.273 ng
RT: 29.37 min Scan# 4474
Delta R.T. 0.00 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

Tgt Ion: 276 Resp: 2241311

Ion	Ratio	Lower	Upper
276	100		
277	25.0	20.2	30.4
138	24.2	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

