

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020720\
 Data File : BG044344.D
 Acq On : 7 Feb 2020 19:36
 Operator : CG/JU
 Sample : L1431-07MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Feb 08 02:34:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	90381	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	368224	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	229314	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	479790	20.00	ng	0.00
76) Chrysene-d12	21.54	240	442001	20.00	ng	0.00
87) Perylene-d12	24.63	264	475264	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	568196	110.95	ng	0.00
7) Phenol-d6	7.09	99	742840	108.02	ng	0.00
23) Nitrobenzene-d5	9.07	82	443954	68.07	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	273713	101.68	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	968583	70.73	ng	0.00
79) Terphenyl-d14	19.91	244	1381398	64.28	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.38	88	86857	37.749	ng	100
3) Pyridine	3.78	79	212313	34.634	ng	99
4) n-Nitrosodimethylamine	3.69	42	108320	42.286	ng	99
6) Aniline	7.24	93	221139	25.906	ng	100
8) 2-Chlorophenol	7.48	128	267031	47.444	ng	97
9) Benzaldehyde	7.05	77	116705	29.797	ng	98
10) Phenol	7.11	94	324354	47.657	ng	98
11) bis(2-Chloroethyl)ether	7.33	93	242174	41.621	ng	98
12) 1,3-Dichlorobenzene	7.80	146	274078	40.785	ng	98
13) 1,4-Dichlorobenzene	7.95	146	275206	41.349	ng	99
14) 1,2-Dichlorobenzene	8.26	146	259953	41.321	ng	99
15) Benzyl Alcohol	8.15	79	215154	44.191	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.45	45	315135	40.015	ng	100
17) 2-Methylphenol	8.36	107	220171	45.341	ng	99
18) Hexachloroethane	9.00	117	100998	40.438	ng	97
19) n-Nitroso-di-n-propylamine	8.72	70	187977	41.014	ng	96
20) 3+4-Methylphenols	8.69	107	300320	44.876	ng	97
22) Acetophenone	8.73	105	354896	39.619	ng	# 98
24) Nitrobenzene	9.11	77	264041	41.468	ng	98
25) Isophorone	9.63	82	501158	41.225	ng	98
26) 2-Nitrophenol	9.82	139	147082	44.517	ng	98
27) 2,4-Dimethylphenol	9.89	122	240743	51.619	ng	99
28) bis(2-Chloroethoxy)methane	10.12	93	323007	39.830	ng	100
29) 2,4-Dichlorophenol	10.36	162	252441	44.764	ng	99
30) 1,2,4-Trichlorobenzene	10.58	180	262732	40.630	ng	99
31) Naphthalene	10.76	128	756724	42.358	ng	99
32) Benzoic acid	10.05	122	98941	36.870	ng	89
33) 4-Chloroaniline	10.87	127	108017	13.294	ng	97
34) Hexachlorobutadiene	11.06	225	155447	39.067	ng	96
35) Caprolactam	11.63	113	41579	20.127	ng	91
36) 4-Chloro-3-methylphenol	12.00	107	258805	43.771	ng	96
37) 2-Methylnaphthalene	12.37	142	554792	41.826	ng	98
38) 1-Methylnaphthalene	12.59	142	524513	41.943	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.74	216	276433	40.299	ng	98

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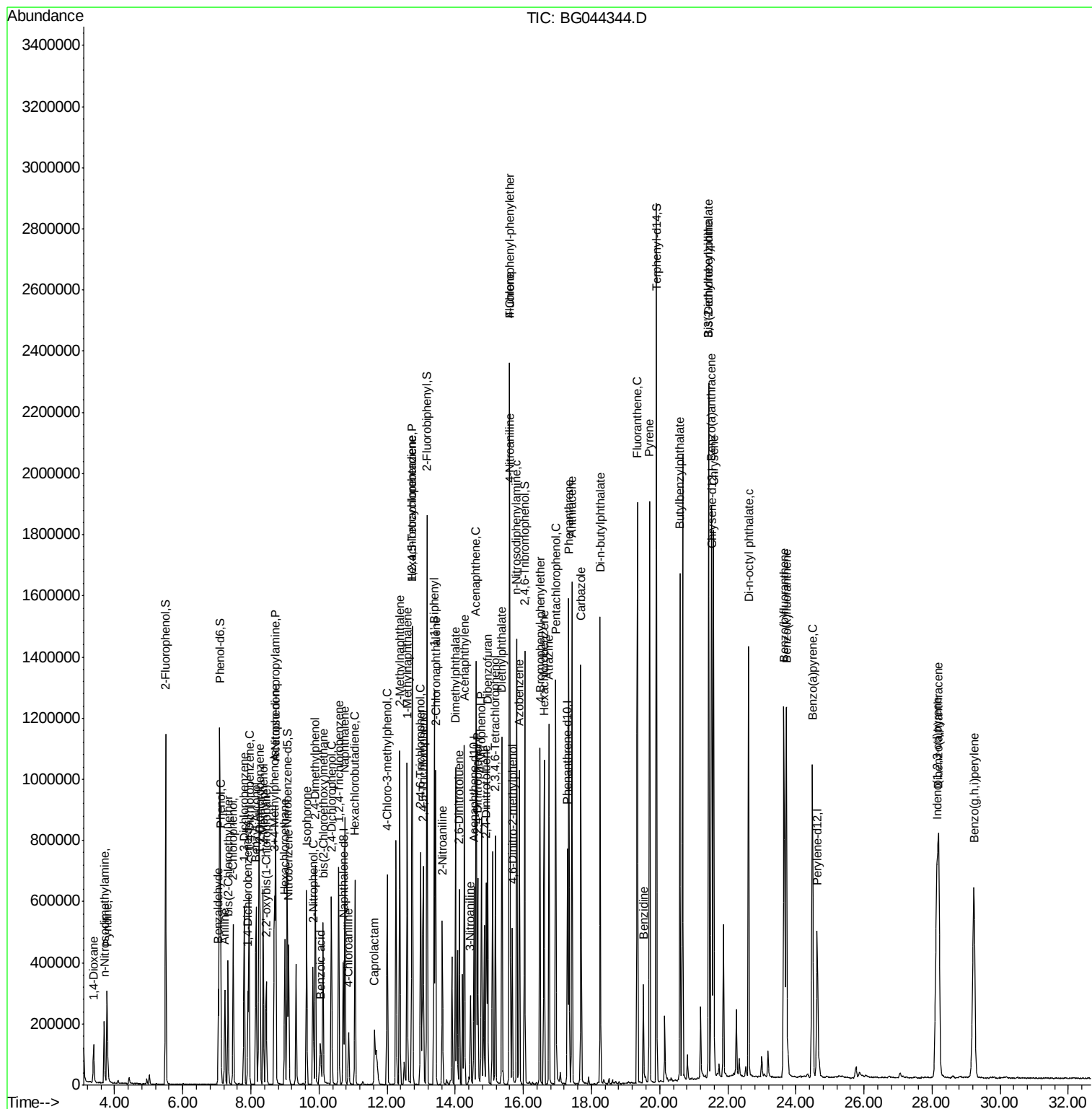
Quant Time: Feb 08 02:34:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
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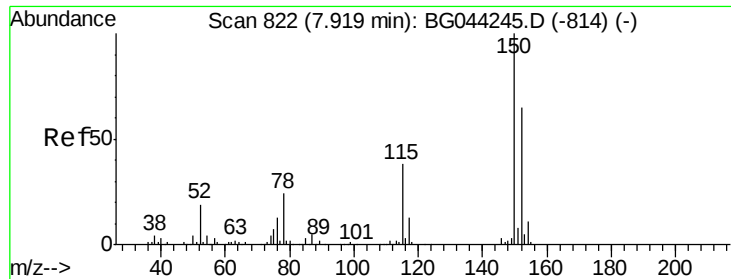
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.73	237	334195	101.536	nq	99
43) 2,4,6-Trichlorophenol	12.98	196	195724	44.143	nq	98
44) 2,4,5-Trichlorophenol	13.06	196	205269	45.326	nq	99
46) 1,1'-Biphenyl	13.38	154	691500	41.806	nq	100
47) 2-Chloronaphthalene	13.42	162	541716	41.157	nq	99
48) 2-Nitroaniline	13.62	65	156309	40.240	nq	97
49) Acenaphthylene	14.27	152	846699	43.858	nq	99
50) Dimethylphthalate	14.01	163	713365	43.277	nq	100
51) 2,6-Dinitrotoluene	14.12	165	156533	42.590	nq	99
52) Acenaphthene	14.61	154	522162	41.729	nq	98
53) 3-Nitroaniline	14.45	138	86473	21.266	nq	98
54) 2,4-Dinitrophenol	14.66	184	173356	79.640	nq	99
55) Dibenzofuran	14.95	168	804134	42.444	nq	100
56) 4-Nitrophenol	14.77	139	277606	93.203	nq	98
57) 2,4-Dinitrotoluene	14.91	165	212364	41.226	nq	97
58) Fluorene	15.60	166	631620	42.328	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.17	232	181950	44.480	nq	99
60) Diethylphthalate	15.37	149	675990	41.157	nq	100
61) 4-Chlorophenyl-phenylether	15.59	204	330975	40.907	nq	99
62) 4-Nitroaniline	15.61	138	150479	37.036	nq	97
63) Azobenzene	15.89	77	608472	42.269	nq	99
65) 4,6-Dinitro-2-methylphenol	15.67	198	130719	49.357	nq	97
66) n-Nitrosodiphenylamine	15.80	169	588505	43.769	nq	100
67) 4-Bromophenyl-phenylether	16.48	248	214761	41.085	nq	98
68) Hexachlorobenzene	16.61	284	238100	40.657	nq	100
69) Atrazine	16.75	200	219339	47.594	nq	99
70) Pentachlorophenol	16.95	266	259106	87.199	nq	96
71) Phenanthrene	17.34	178	1008700	43.417	nq	99
72) Anthracene	17.42	178	1027450	44.731	nq	99
73) Carbazole	17.69	167	917196	43.314	nq	99
74) Di-n-butylphthalate	18.26	149	1133842	43.330	nq	99
75) Fluoranthene	19.35	202	1198624	44.598	nq	100
77) Benzidine	19.52	184	221398	18.059	nq	98
78) Pyrene	19.70	202	1192437	42.009	nq	99
80) Butylbenzylphthalate	20.60	149	520583	40.244	nq	99
81) Benzo(a)anthracene	21.52	228	1104063	40.530	nq	99
82) 3,3'-Dichlorobenzidine	21.44	252	224882	21.270	nq	100
83) Chrysene	21.58	228	1074521	40.808	nq	99
84) Bis(2-ethylhexyl)phthalate	21.44	149	733022	41.170	nq	100
85) Di-n-octyl phthalate	22.61	149	1280091	41.553	nq	99
86) Indeno(1,2,3-cd)pyrene	28.14	276	1366727	39.785	nq	100
88) Benzo(b)fluoranthene	23.65	252	1197669	43.732	nq	99
89) Benzo(k)fluoranthene	23.72	252	1142454	42.802	nq	99
90) Benzo(a)pyrene	24.49	252	1094709	42.277	nq	99
91) Dibenzo(a,h)anthracene	28.19	278	1113318	43.445	nq	99
92) Benzo(g,h,i)perylene	29.23	276	1154618	45.008	nq	97

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

```
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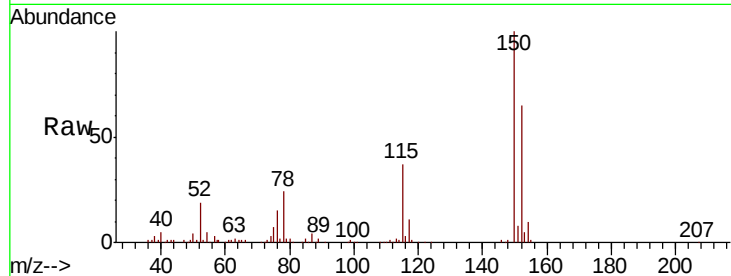




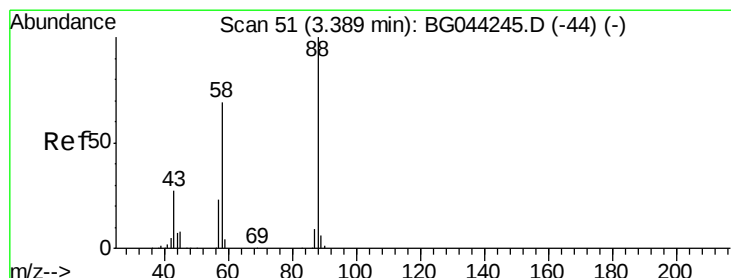
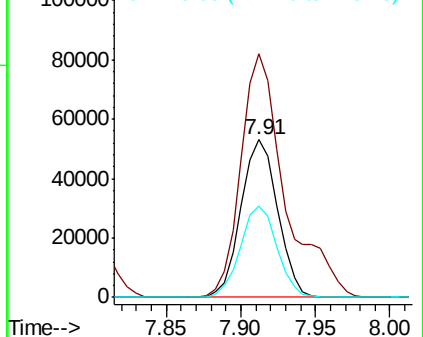
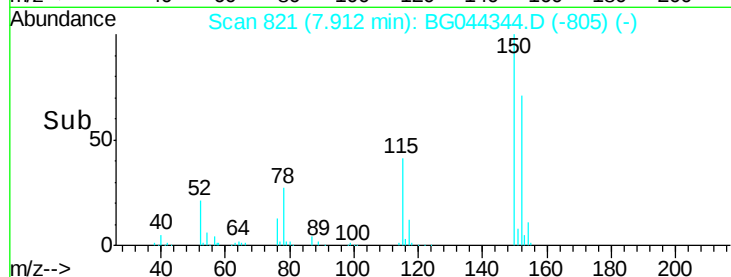
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG044344.D
Acq: 7 Feb 2020 19:36

Tot Ion	152	Resp	90381
Ion Ratio	100	Lower	Upper
150	154.6	122.6	183.8
115	57.6	46.0	69.0



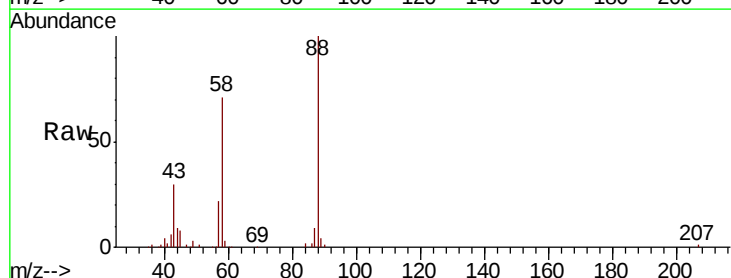
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



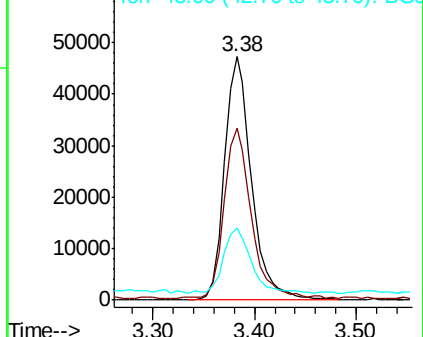
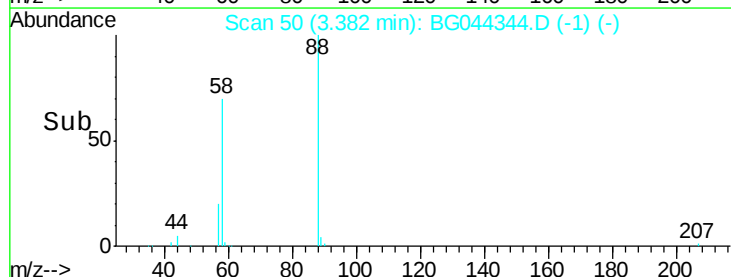
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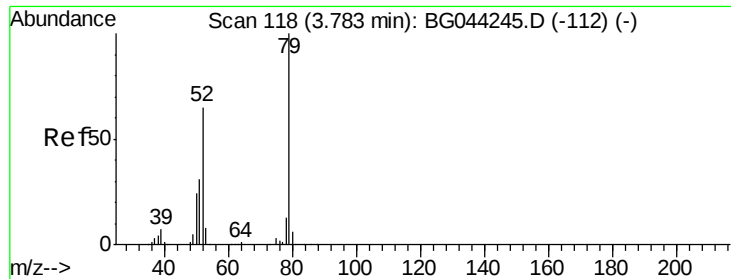
1,4-Dioxane
Concen: 37.749 ng
RT: 3.38 min Scan# 50
Delta R.T. -0.01 min
Lab File: BG044344.D
Acq: 7 Feb 2020 19:36

Tgt Ion	88	Resp	86857
Ion Ratio	100	Lower	Upper
58	69.9	55.8	83.6
43	26.7	21.6	32.4



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





#3

Pvridine

Concen: 34.634 ng

RT: 3.78 min Scan# 117

Delta R.T. -0.01 min

Lab File: BG044344.D

Acq: 7 Feb 2020 19:36

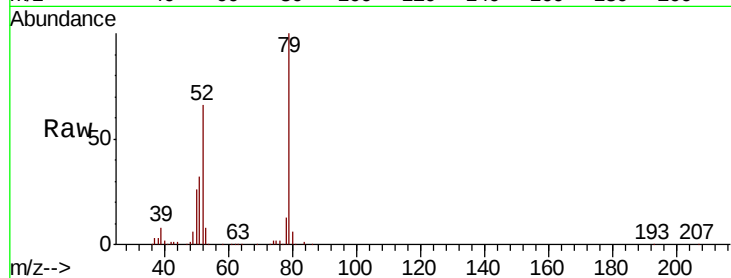
Tot Ion: 79 Resp: 212313

Ion Ratio Lower Upper

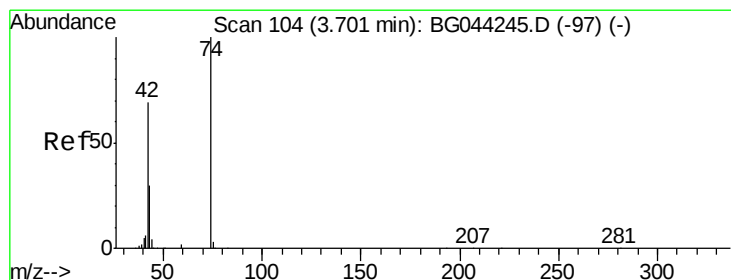
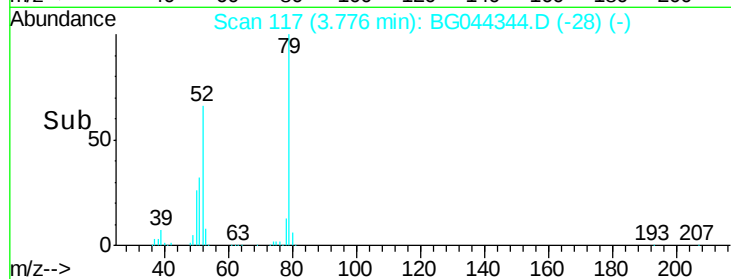
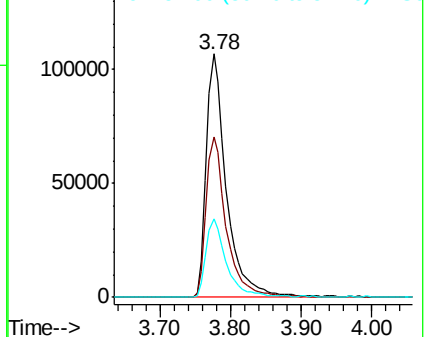
79 100

52 65.6 51.9 77.9

51 32.3 25.3 37.9



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



#4

n-Nitrosodimethylamine

Concen: 42.286 ng

RT: 3.69 min Scan# 103

Delta R.T. -0.01 min

Lab File: BG044344.D

Acq: 7 Feb 2020 19:36

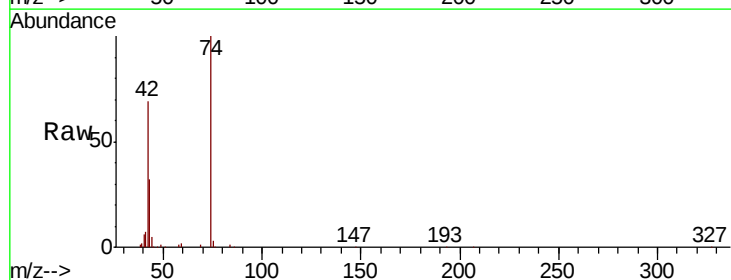
Tgt Ion: 42 Resp: 108320

Ion Ratio Lower Upper

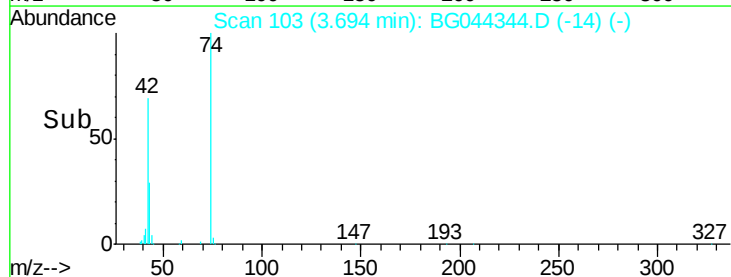
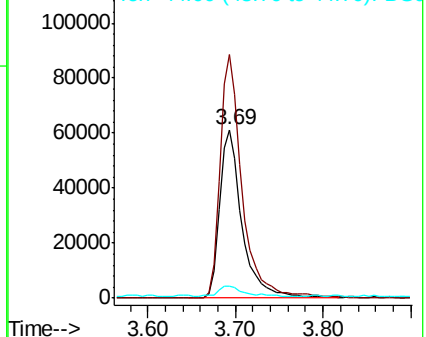
42 100

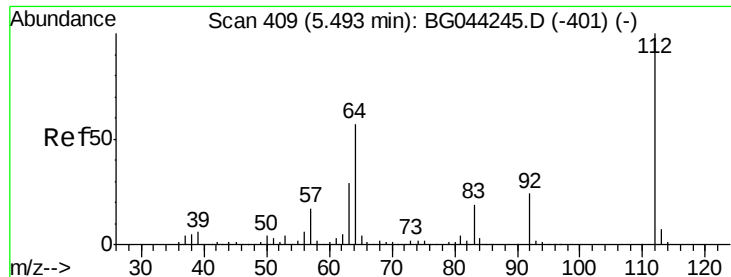
74 144.7 115.1 172.7

44 7.4 5.6 8.4



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





#5

2-Fluorophenol

Concen: 110.950 ng

RT: 5.50 min Scan# 410

Delta R.T. 0.00 min

Lab File: BG044344.D

Acq: 7 Feb 2020 19:36

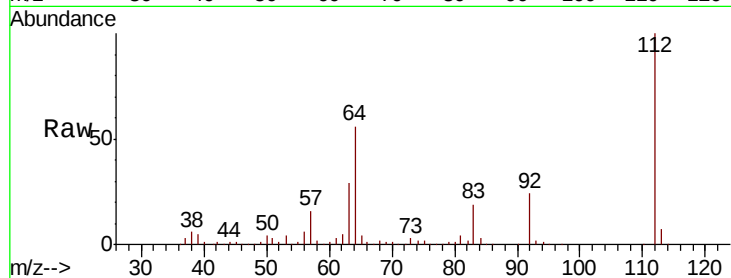
Tot Ion: 112 Resp: 568196

Ion Ratio Lower Upper

112 100

64 56.0 45.4 68.2

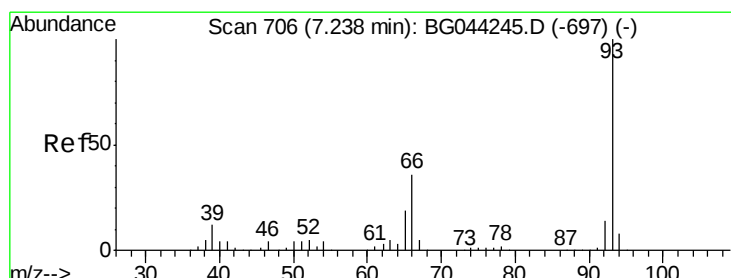
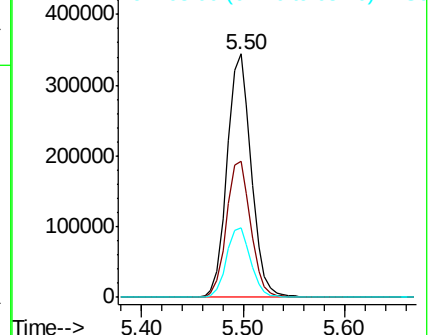
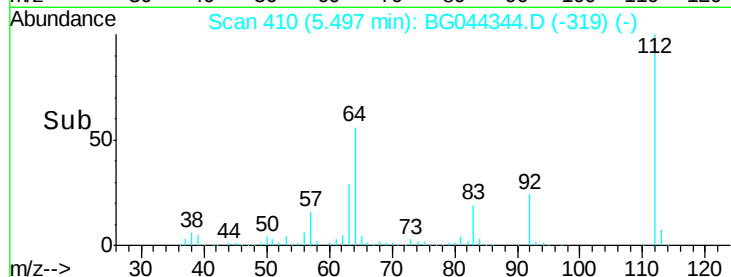
63 28.7 22.9 34.3



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 25.906 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG044344.D

Acq: 7 Feb 2020 19:36

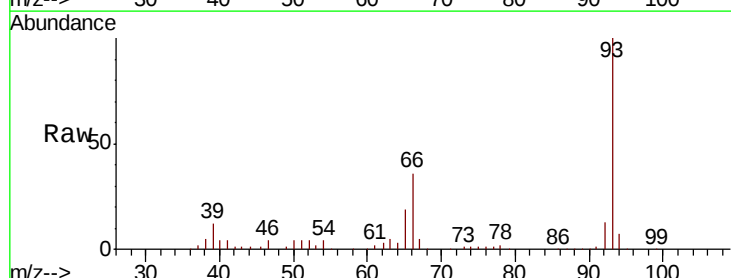
Tgt Ion: 93 Resp: 221139

Ion Ratio Lower Upper

93 100

66 35.8 28.7 43.1

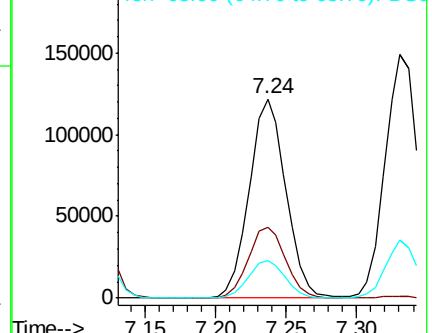
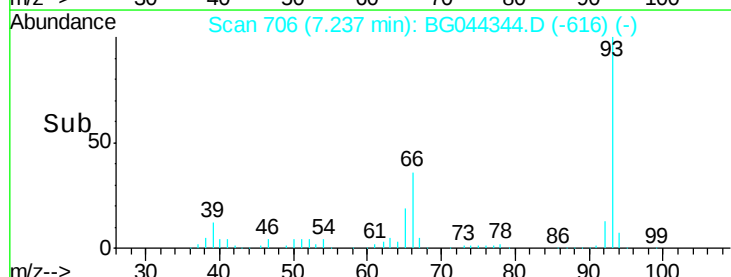
65 19.2 15.4 23.0

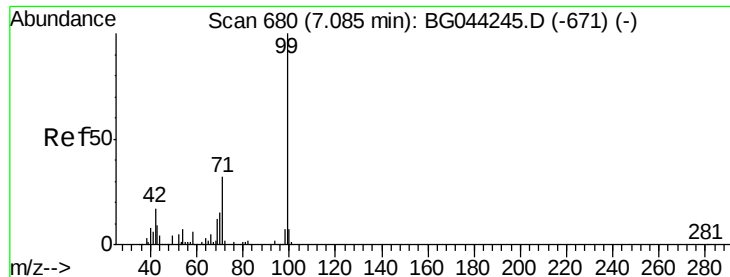


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 108.018 ng

RT: 7.09 min Scan# 681

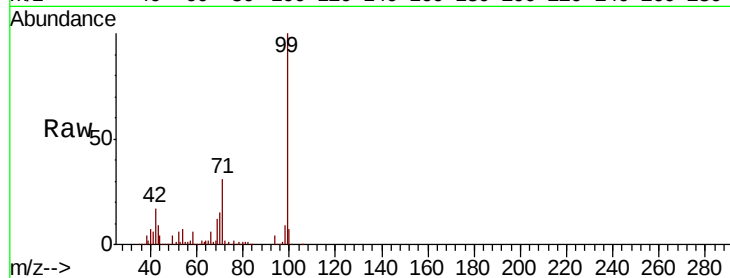
Delta R.T. 0.00 min

Lab File: BG044344.D

Acq: 7 Feb 2020 19:36

Tot Ion: 99 Resp: 742840

Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.8	20.6
71	31.4	25.5	38.3

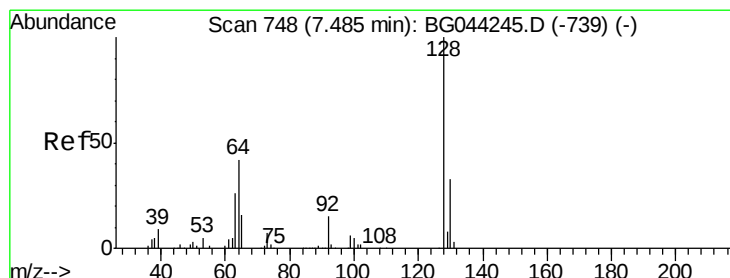
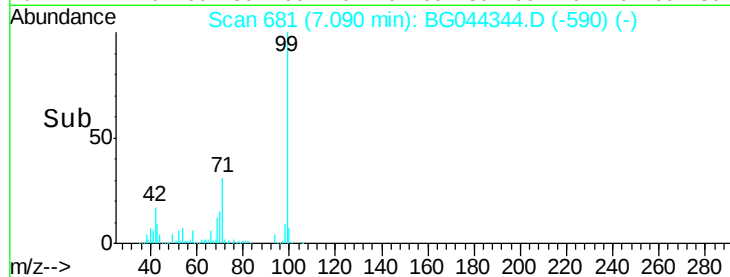
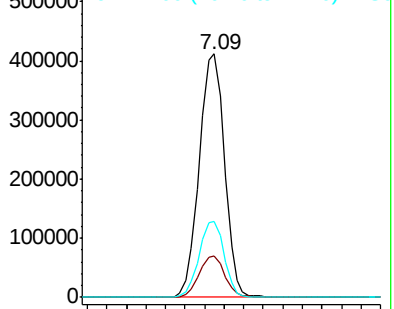


Abundance

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: 47.444 ng

RT: 7.48 min Scan# 748

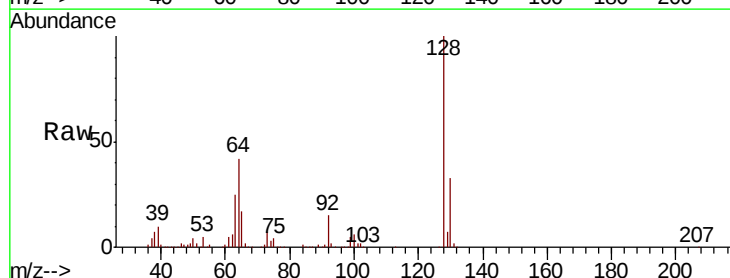
Delta R.T. -0.00 min

Lab File: BG044344.D

Acq: 7 Feb 2020 19:36

Tgt Ion: 128 Resp: 267031

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.5	52.5
64	41.6	24.2	64.2

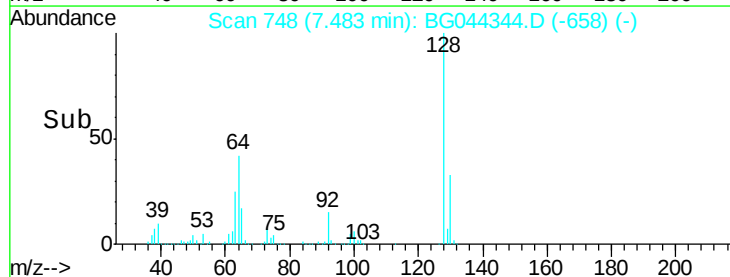
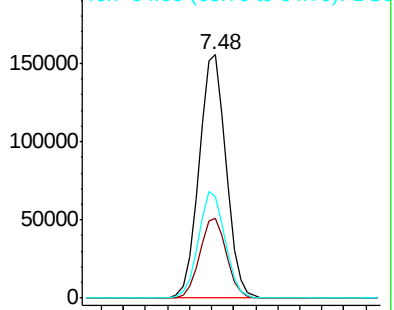


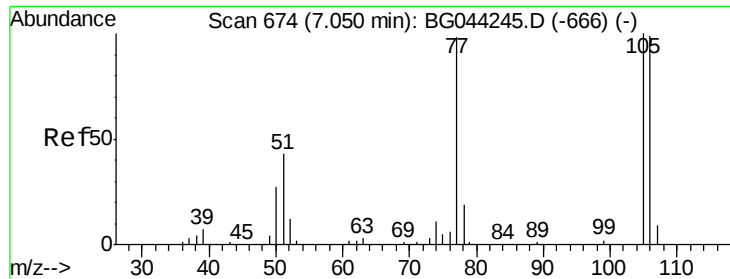
Abundance

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: 29.797 ng

RT: 7.05 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG044344.D

Acq: 7 Feb 2020 19:36

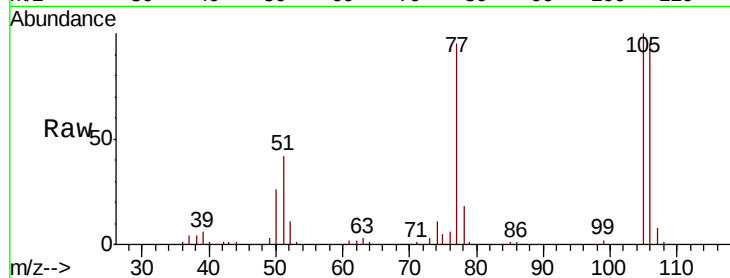
Tot Ion: 77 Resp: 116705

Ion Ratio Lower Upper

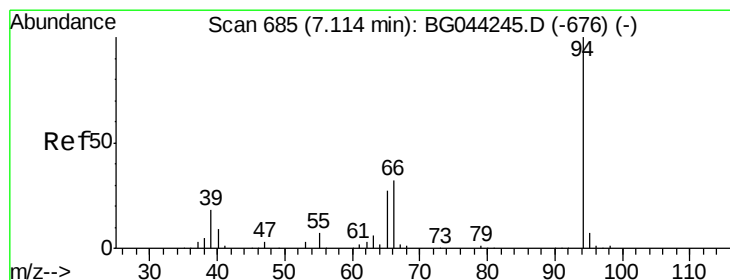
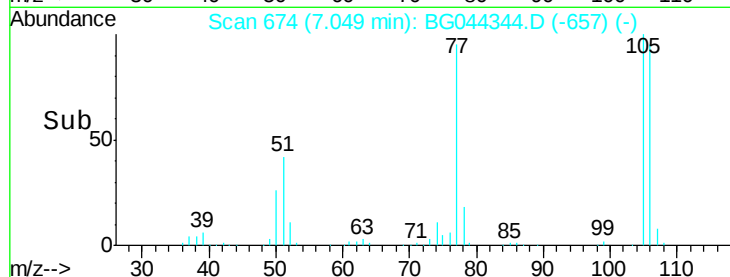
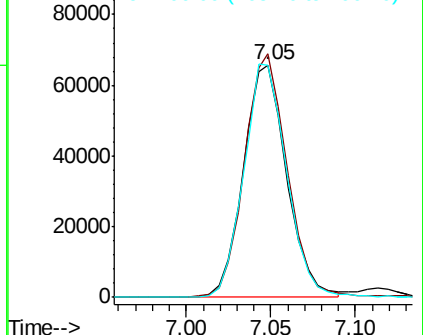
77 100

105 104.8 82.0 122.0

106 99.7 80.7 120.7



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: 47.657 ng

RT: 7.11 min Scan# 685

Delta R.T. -0.00 min

Lab File: BG044344.D

Acq: 7 Feb 2020 19:36

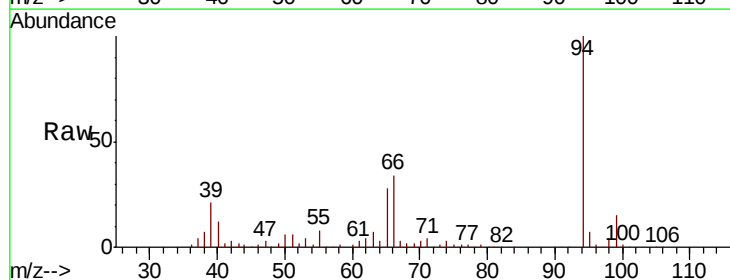
Tgt Ion: 94 Resp: 324354

Ion Ratio Lower Upper

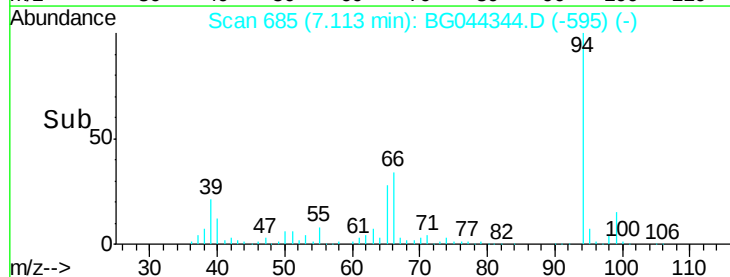
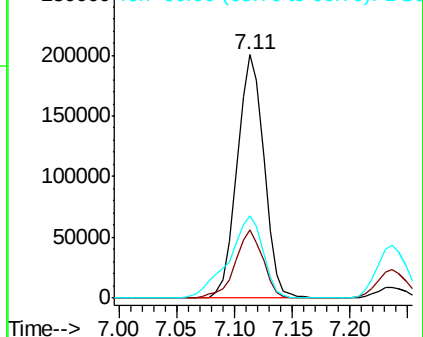
94 100

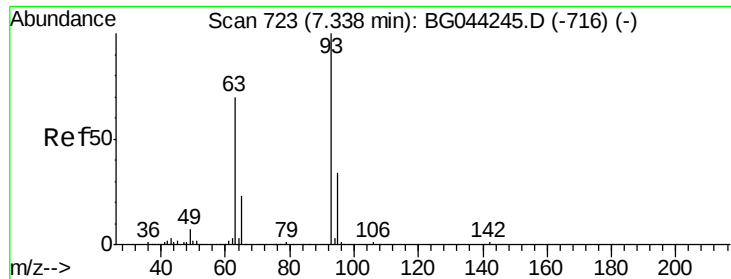
65 27.9 7.0 47.0

66 33.8 12.7 52.7



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: 41.621 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BG044344.D

Acq: 7 Feb 2020 19:36

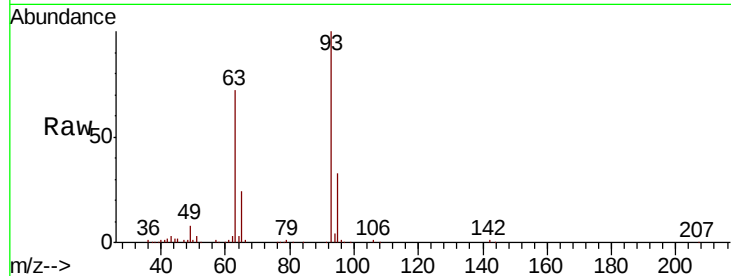
Tot Ion: 93 Resp: 242174

Ion	Ratio	Lower	Upper
93	100		
63	72.1	49.2	89.2
95	33.4	13.6	53.6

93 100

63 72.1 49.2 89.2

95 33.4 13.6 53.6



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

200000

150000

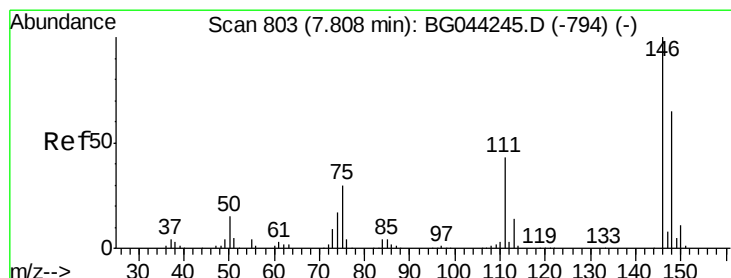
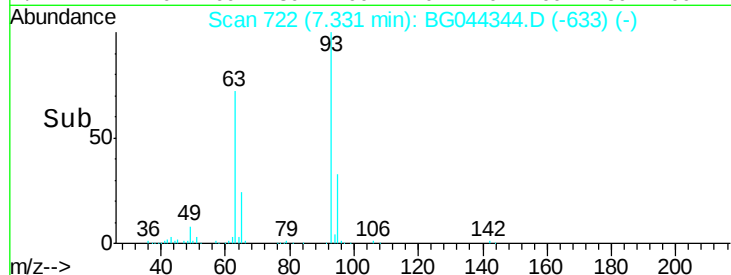
100000

50000

0

7.25 7.30 7.35 7.40 7.45

Time-->



#12

1,3-Dichlorobenzene

Concen: 40.785 ng

RT: 7.80 min Scan# 802

Delta R.T. -0.01 min

Lab File: BG044344.D

Acq: 7 Feb 2020 19:36

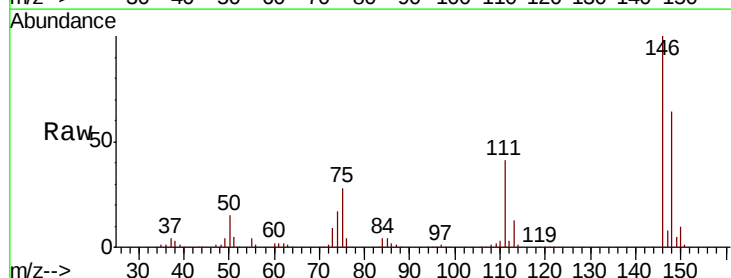
Tgt Ion: 146 Resp: 274078

Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.8	77.8
75	27.9	23.7	35.5

146 100

148 63.7 51.8 77.8

75 27.9 23.7 35.5



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

200000

150000

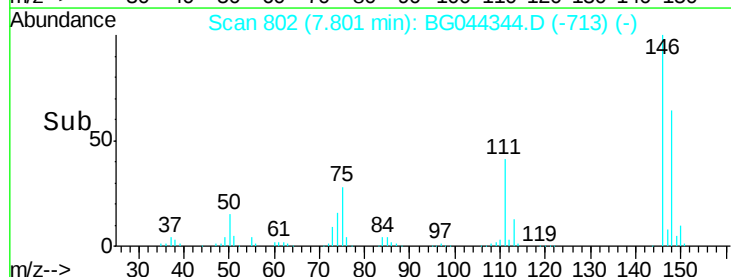
100000

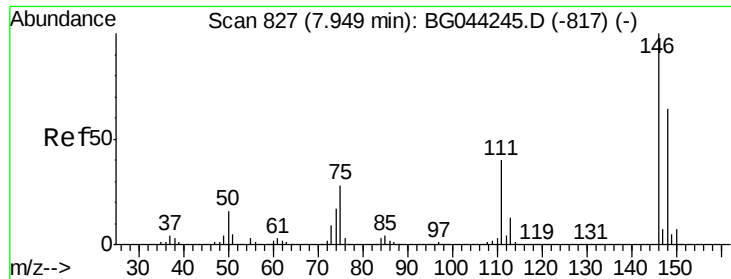
50000

0

7.70 7.75 7.80 7.85 7.90

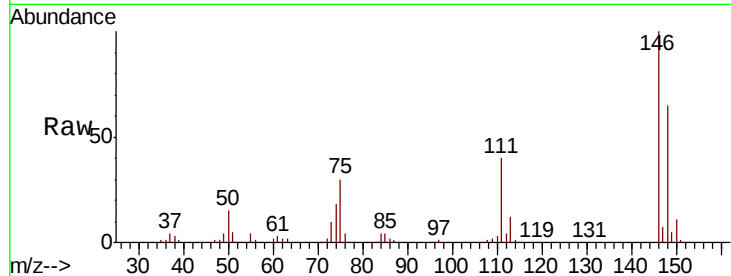
Time-->



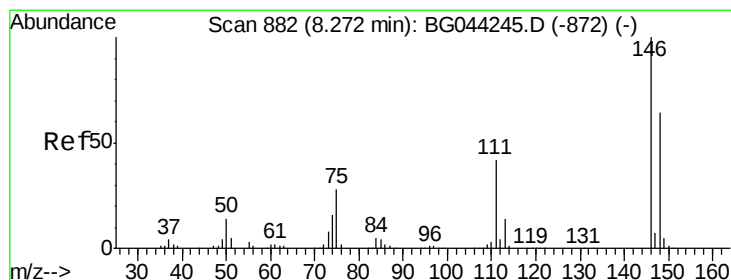
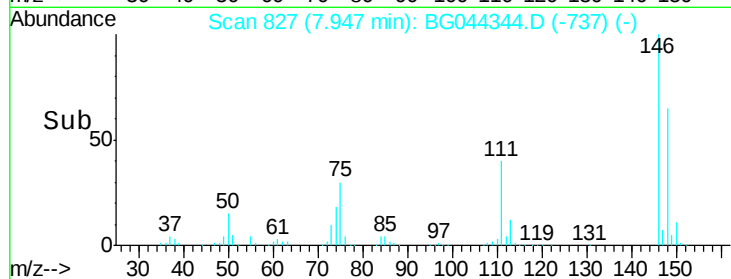
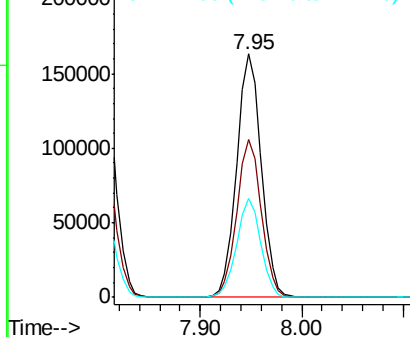


#13
 1,4-Dichlorobenzene
 Concen: 41.349 ng
 RT: 7.95 min Scan# 827
 Delta R.T. -0.00 min
 Lab File: BG044344.D
 Acq: 7 Feb 2020 19:36

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.4	77.0
111	40.5	31.8	47.8

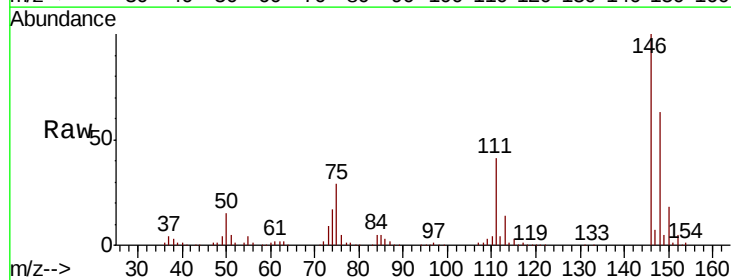


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

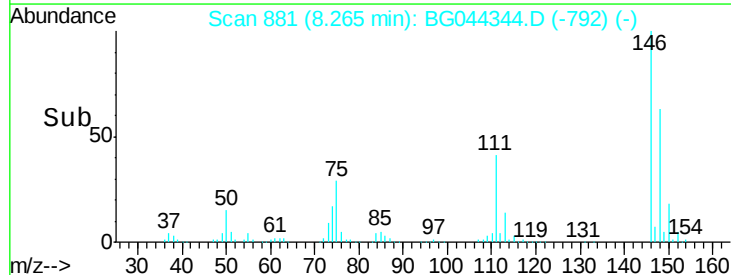
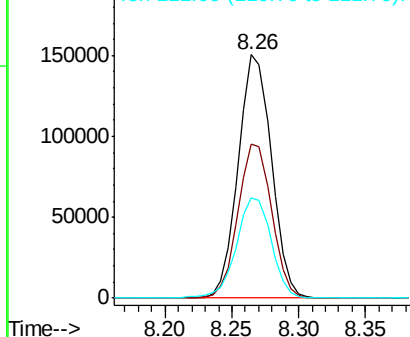


#14
 1,2-Dichlorobenzene
 Concen: 41.321 ng
 RT: 8.26 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BG044344.D
 Acq: 7 Feb 2020 19:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.2	76.8
111	41.4	34.0	51.0



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: 44.191 ng

RT: 8.15 min Scan# 862

Delta R.T. -0.00 min

Lab File: BG044344.D

Acq: 7 Feb 2020 19:36

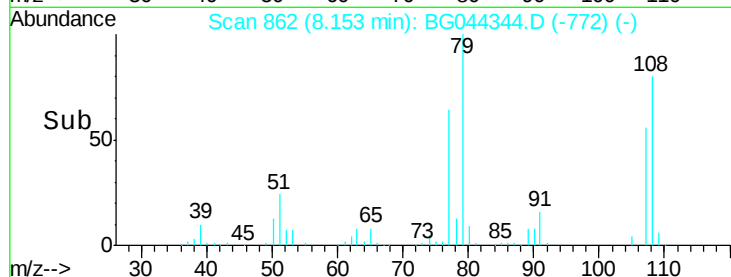
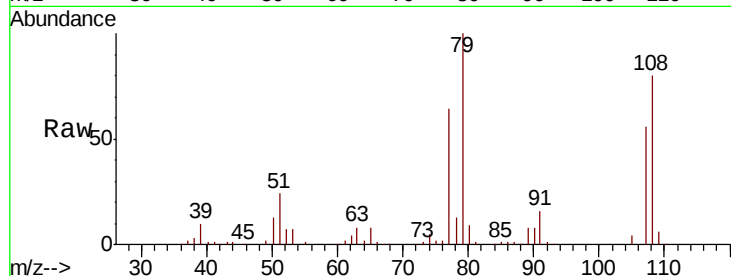
Tot Ion: 79 Resp: 215154

Ion Ratio Lower Upper

79 100

108 80.3 68.3 102.5

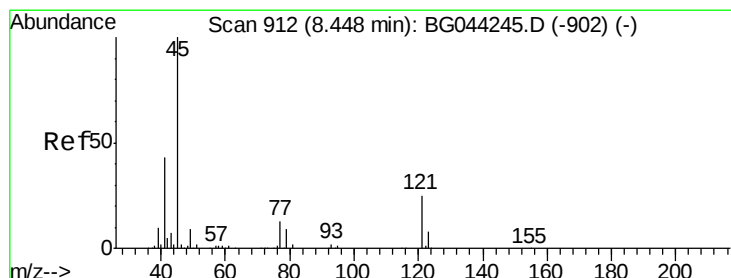
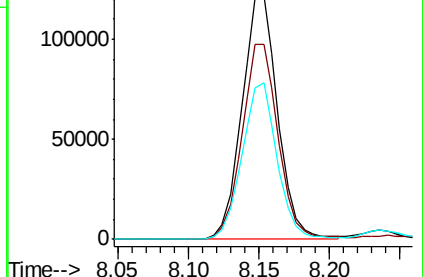
77 64.4 51.8 77.8



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.015 ng

RT: 8.45 min Scan# 912

Delta R.T. -0.00 min

Lab File: BG044344.D

Acq: 7 Feb 2020 19:36

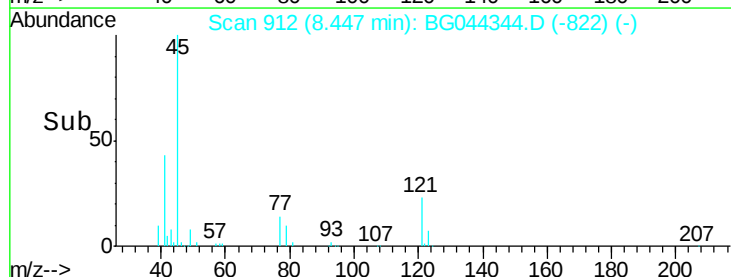
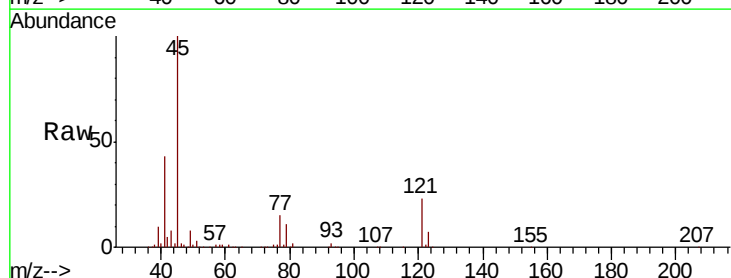
Tgt Ion: 45 Resp: 315135

Ion Ratio Lower Upper

45 100

77 15.0 0.0 35.2

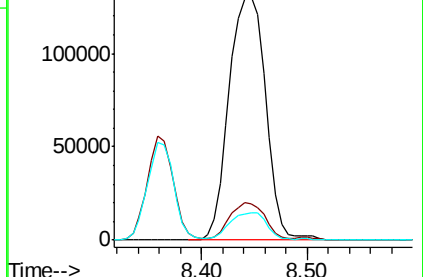
79 11.0 0.0 31.1

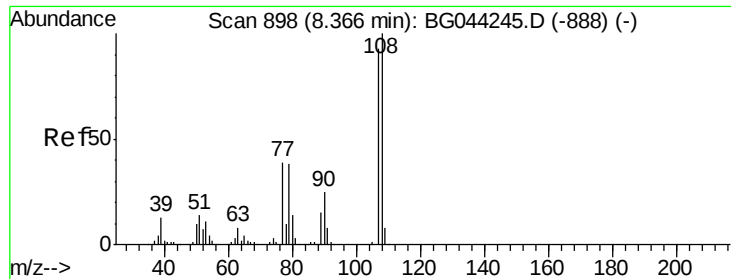


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

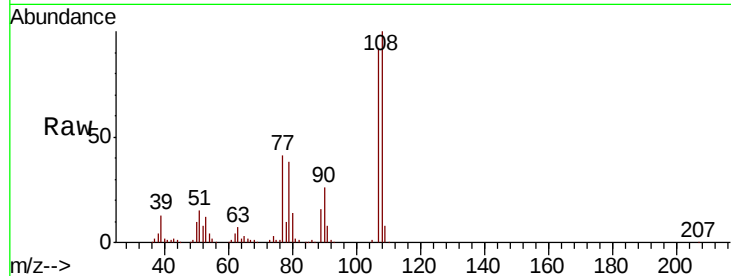
Ion 79.00 (78.70 to 79.70): BGC





#17
2-Methylphenol
Concen: 45.341 ng
RT: 8.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BG044344.D
Acq: 7 Feb 2020 19:36

Tot Ion	Ratio	Lower	Upper
107	100		
108	108.2	86.4	129.6
77	43.9	34.0	51.0
79	41.1	32.9	49.3



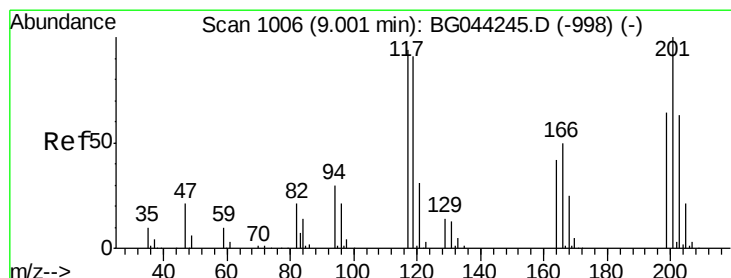
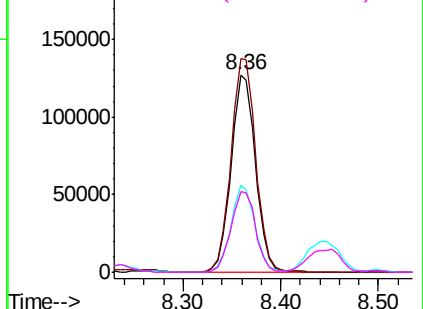
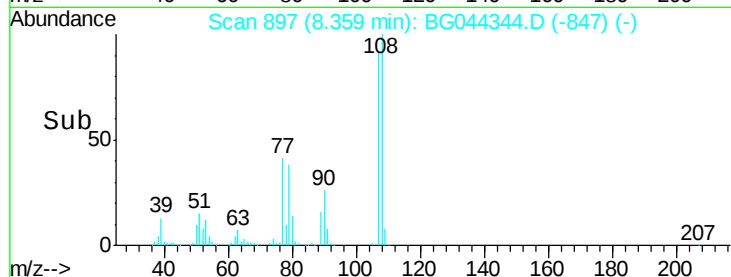
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

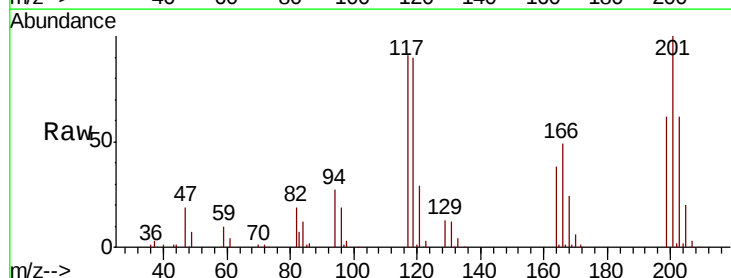
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 40.438 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BG044344.D
Acq: 7 Feb 2020 19:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.6	77.5	116.3
201	110.1	84.9	127.3

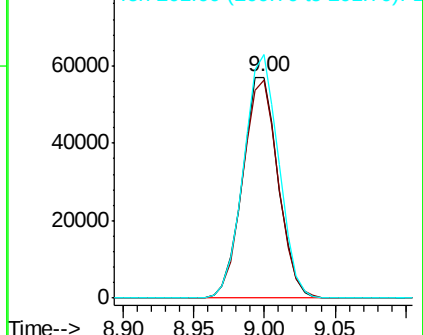
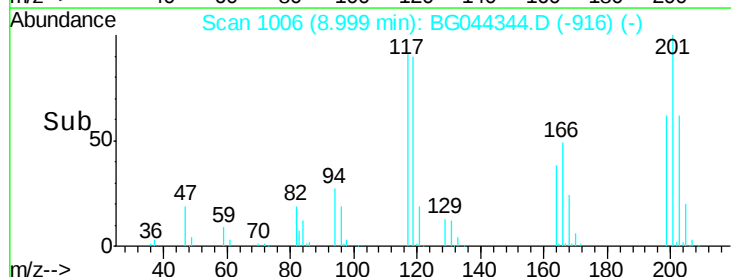


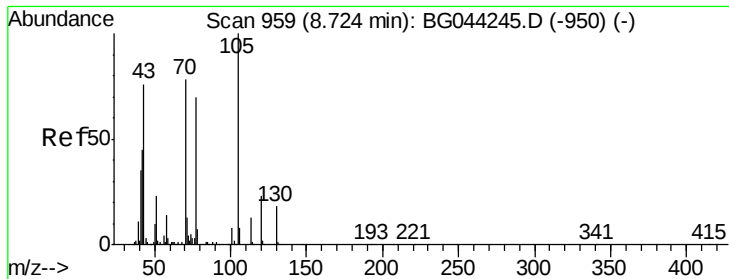
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

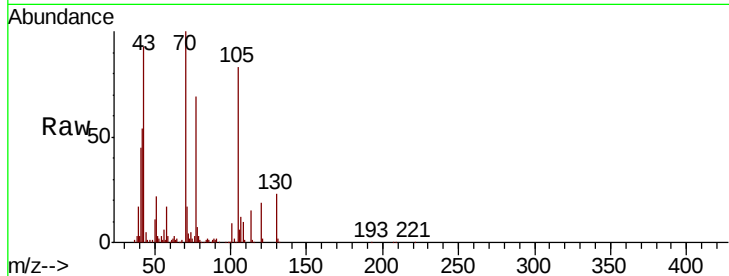
Ion 201.00 (200.70 to 201.70): E



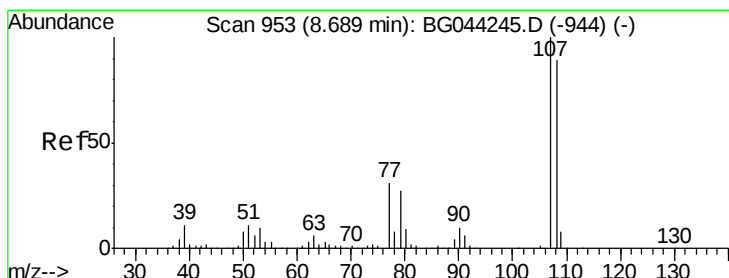
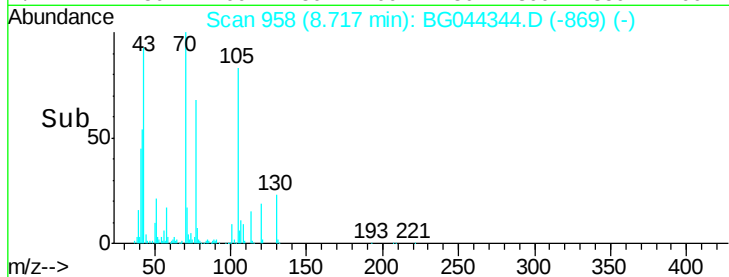
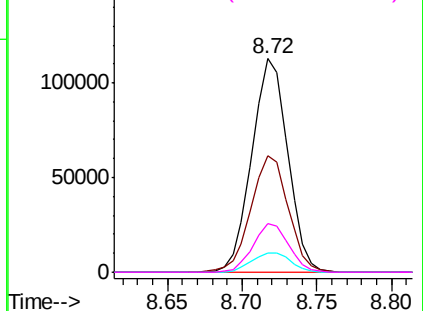


#19
n-Nitroso-di-n-propylamine
Concen: 41.014 ng
RT: 8.72 min Scan# 958
Delta R.T. -0.01 min
Lab File: BG044344.D
Acq: 7 Feb 2020 19:36

Tot Ion:	70	Resp:	187977
Ion	Ratio	Lower	Upper
70	100		
42	54.3	46.2	69.2
101	9.1	8.4	12.6
130	22.9	17.8	26.8

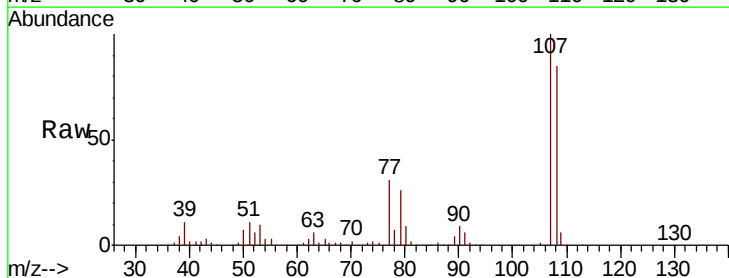


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

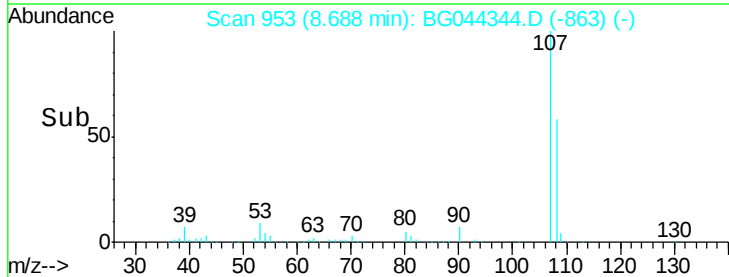
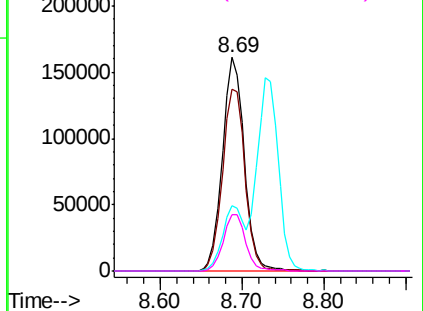


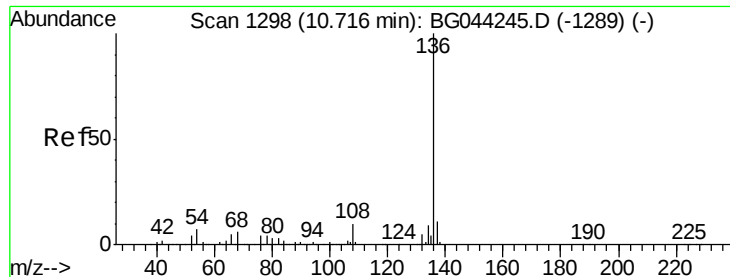
#20
3+4-Methylphenols
Concen: 44.876 ng
RT: 8.69 min Scan# 953
Delta R.T. -0.00 min
Lab File: BG044344.D
Acq: 7 Feb 2020 19:36

Tgt Ion:	107	Resp:	300320
Ion	Ratio	Lower	Upper
107	100		
108	85.1	68.5	108.5
77	30.8	10.9	50.9
79	26.1	7.1	47.1



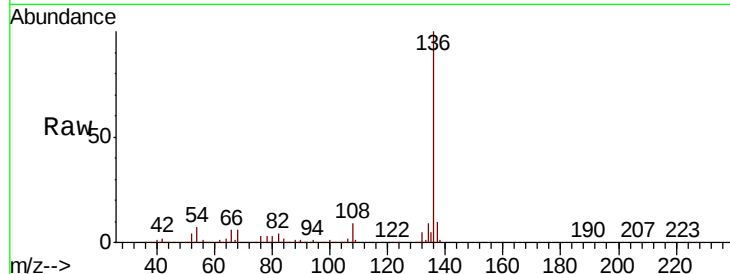
Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC



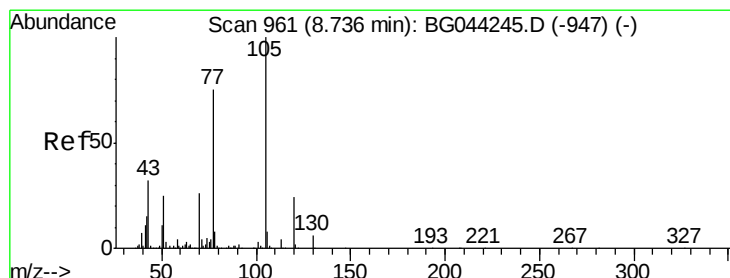
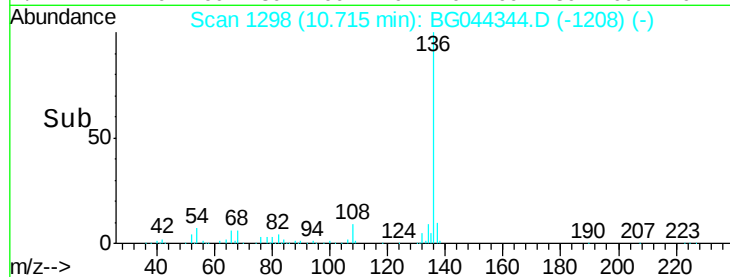
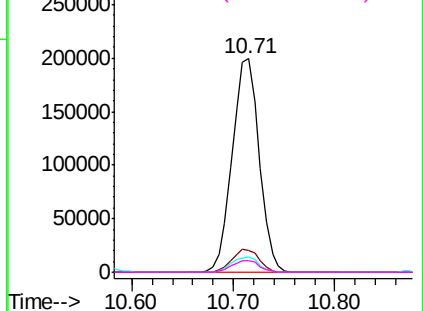


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.71 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG044344.D
Acq: 7 Feb 2020 19:36

Tot Ion:136	Resp:	368224	
Ion Ratio	Lower	Upper	
136 100			
137 10.3	8.8	13.2	
54 7.0	5.8	8.8	
68 5.7	4.6	6.8	

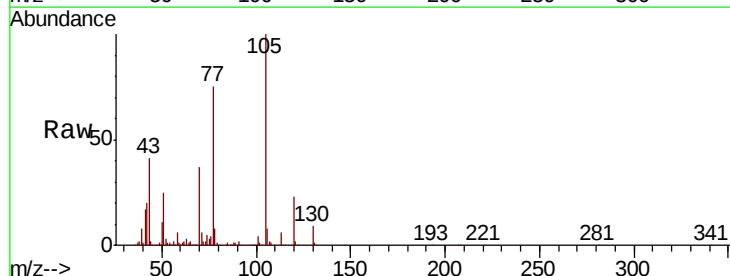


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

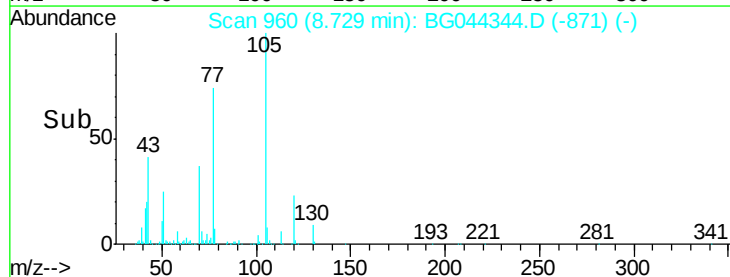
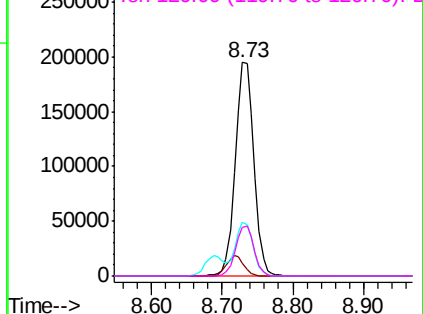


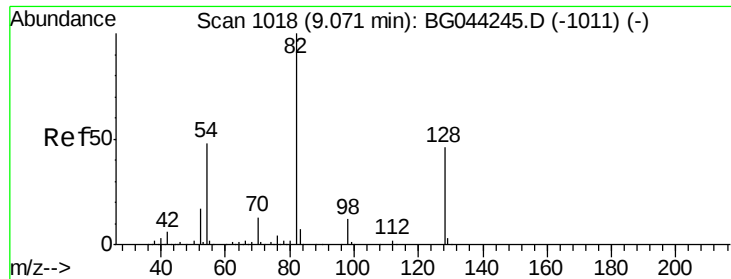
#22
Acetophenone
Concen: 39.619 ng
RT: 8.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG044344.D
Acq: 7 Feb 2020 19:36

Tgt	Ion:105	Resp:	354896
Ion	Ratio	Lower	Upper
105	100		
71	6.0	3.4	5.0#
51	25.0	20.2	30.4
120	22.8	19.1	28.7



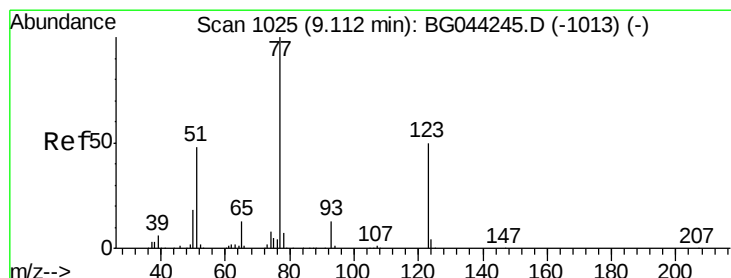
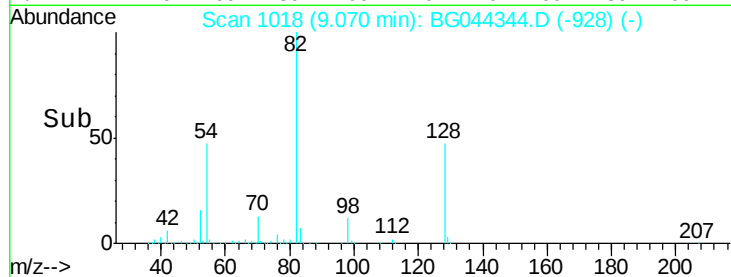
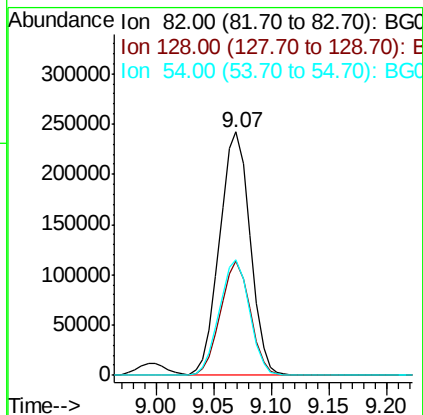
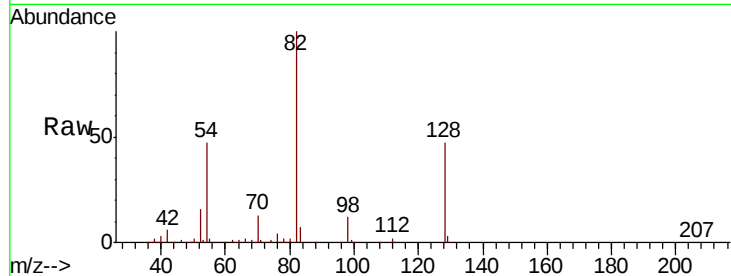
Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E





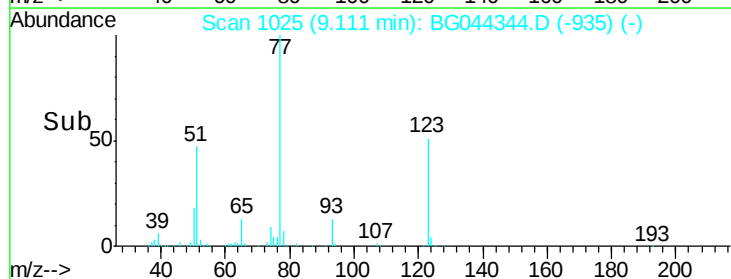
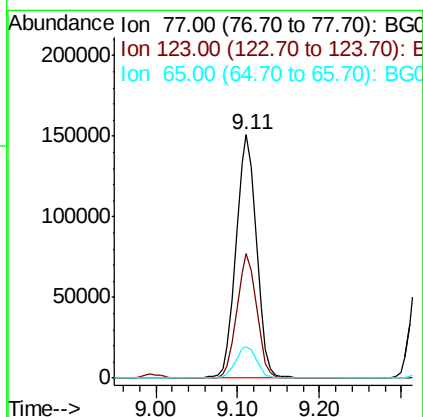
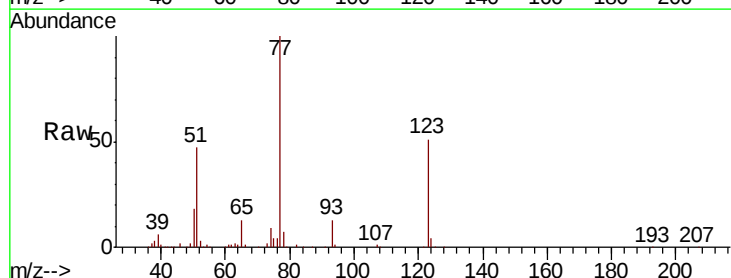
#23
 Nitrobenzene-d5
 Concen: 68.067 ng
 RT: 9.07 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: BG044344.D
 Acq: 7 Feb 2020 19:36

Tot Ion	82	Resp	443954
Ion Ratio	100		
Lower	36.5		
Upper	54.7		
128	46.7		
54	47.3		



#24
 Nitrobenzene
 Concen: 41.468 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BG044344.D
 Acq: 7 Feb 2020 19:36

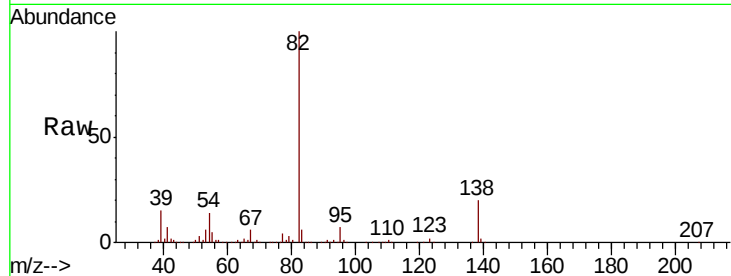
Tgt Ion	77	Resp	264041
Ion Ratio	100		
Lower	39.9		
Upper	59.9		
123	51.4		
65	12.6		



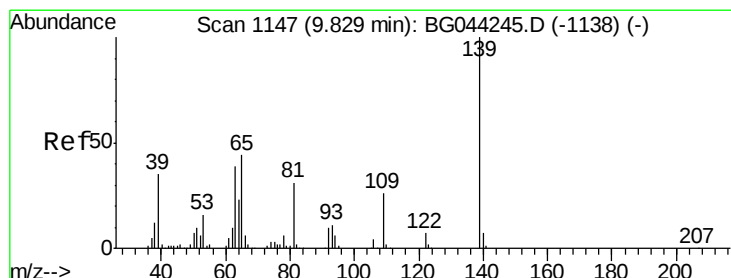
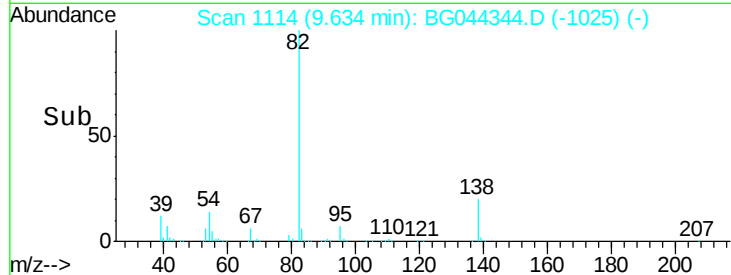
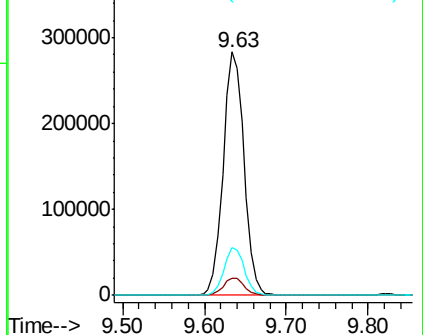


#25
Isophorone
Concen: 41.225 ng
RT: 9.63 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BG044344.D
Acq: 7 Feb 2020 19:36

Tot Ion: 82 Resp: 501158
Ion Ratio Lower Upper
82 100
95 7.0 5.7 8.5
138 19.6 15.0 22.4

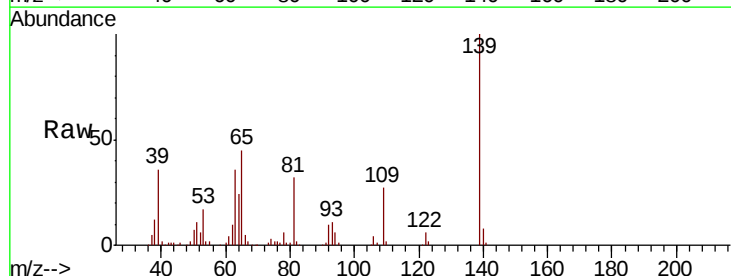


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

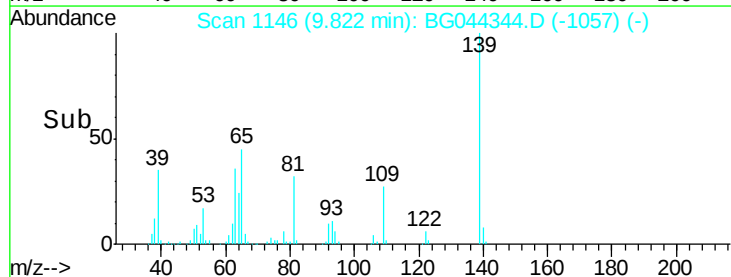
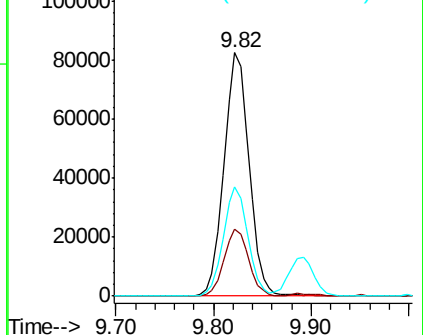


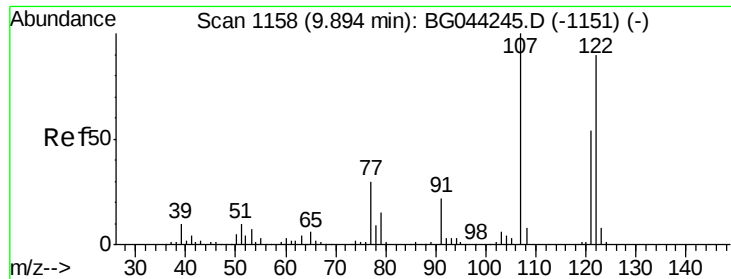
#26
2-Nitrophenol
Concen: 44.517 ng
RT: 9.82 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BG044344.D
Acq: 7 Feb 2020 19:36

Tgt Ion: 139 Resp: 147082
Ion Ratio Lower Upper
139 100
109 27.5 21.0 31.4
65 45.1 35.0 52.4



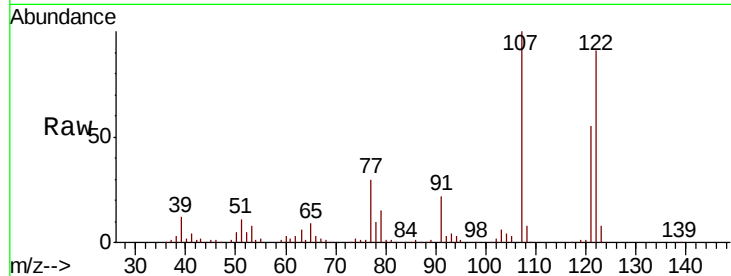
Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC



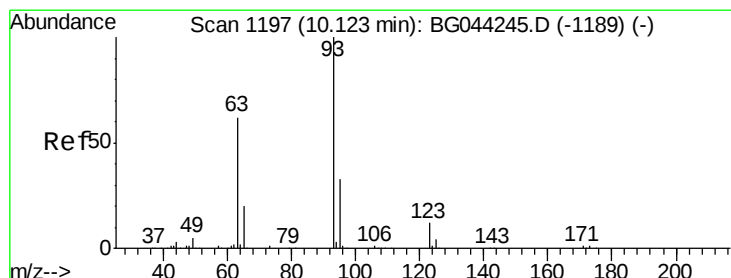
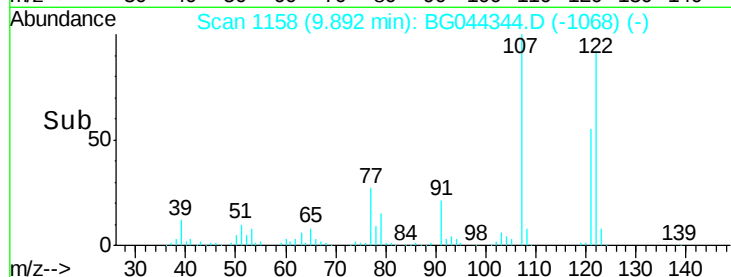
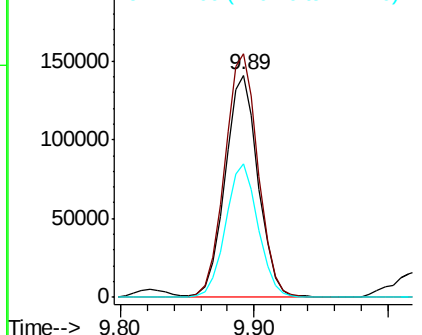


#27
 2,4-Dimethylphenol
 Concen: 51.619 ng
 RT: 9.89 min Scan# 1158
 Delta R.T. -0.00 min
 Lab File: BG044344.D
 Acq: 7 Feb 2020 19:36

Tot Ion:122 Resp: 240743
 Ion Ratio Lower Upper
 122 100
 107 109.4 88.8 133.2
 121 60.1 48.3 72.5

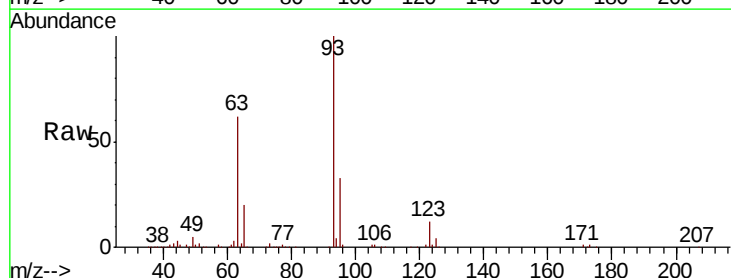


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

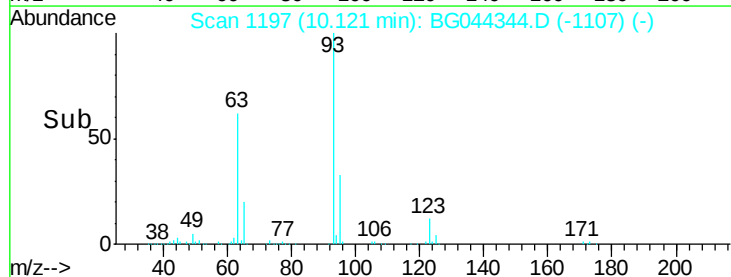
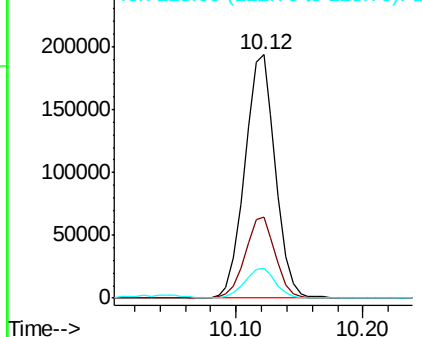


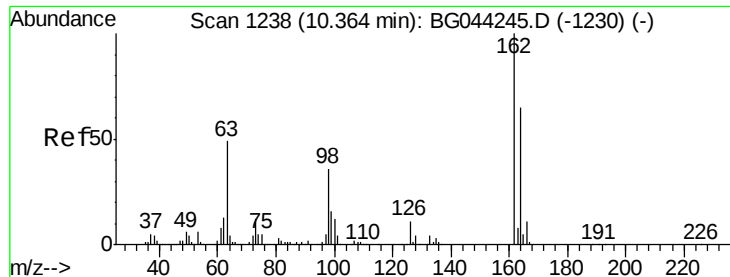
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.830 ng
 RT: 10.12 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BG044344.D
 Acq: 7 Feb 2020 19:36

Tgt Ion: 93 Resp: 323007
 Ion Ratio Lower Upper
 93 100
 95 33.3 26.6 40.0
 123 12.3 10.0 15.0



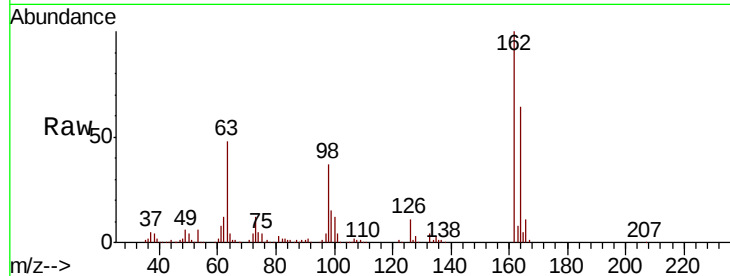
Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E





#29
 2,4-Dichlorophenol
 Concen: 44.764 ng
 RT: 10.36 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BG044344.D
 Acq: 7 Feb 2020 19:36

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	44.7	84.7
98	36.6	15.8	55.8

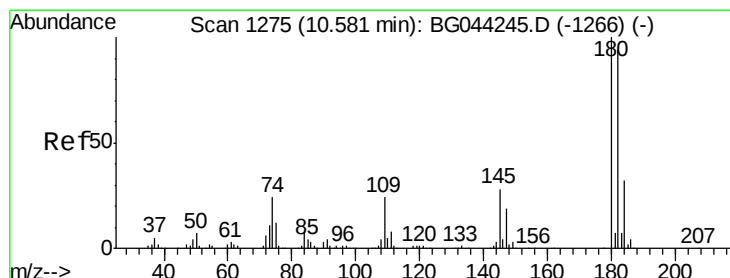
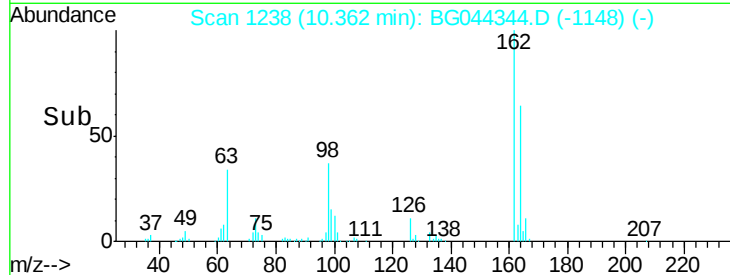
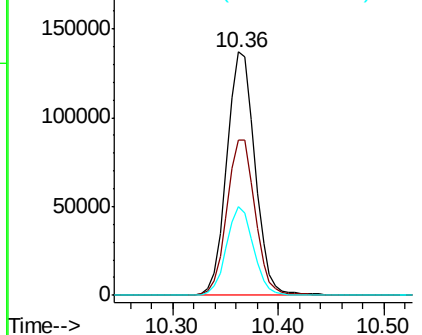


Abundance

Ion 162.00 (161.70 to 162.70): E

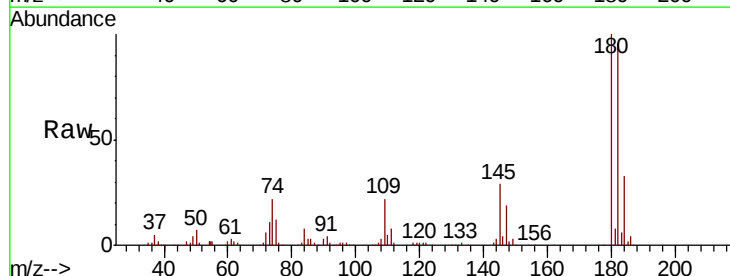
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 40.630 ng
 RT: 10.58 min Scan# 1275
 Delta R.T. -0.00 min
 Lab File: BG044344.D
 Acq: 7 Feb 2020 19:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	75.5	113.3
145	28.5	22.6	34.0

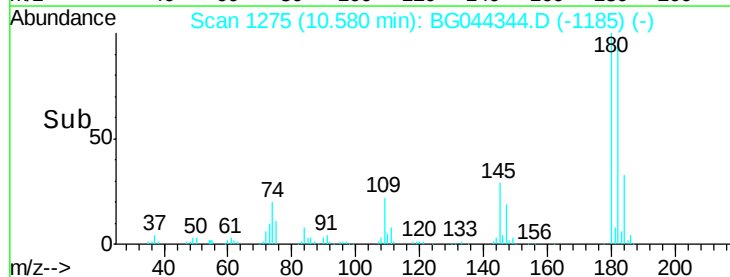
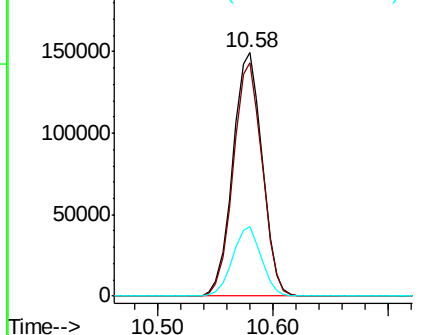


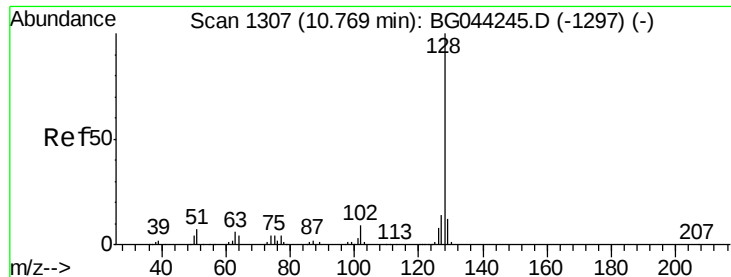
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

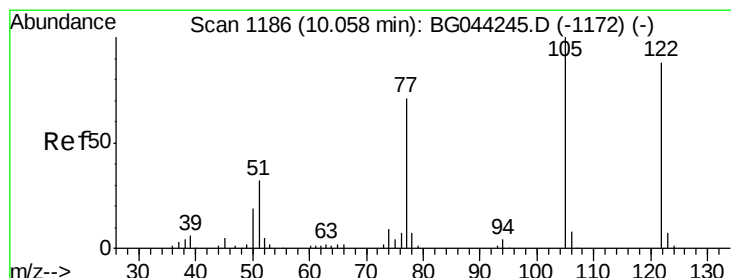
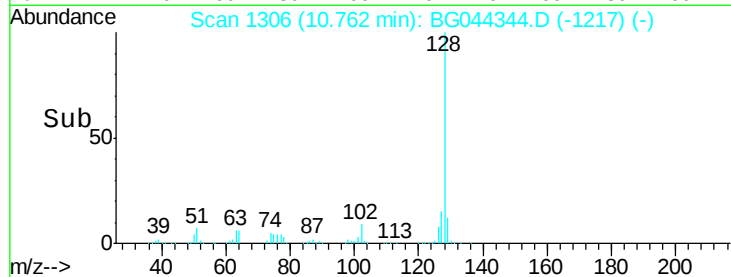
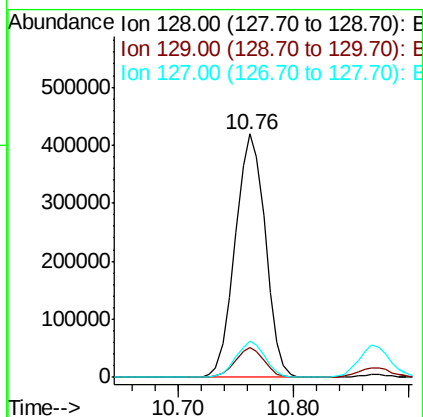
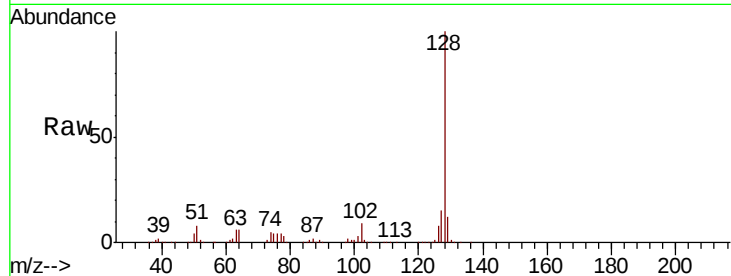
Ion 145.00 (144.70 to 145.70): E





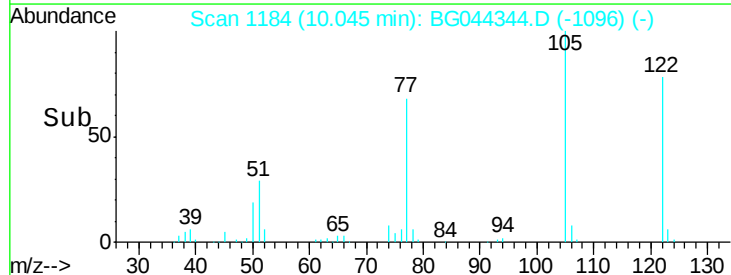
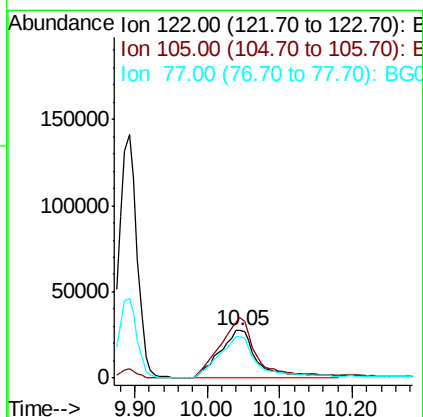
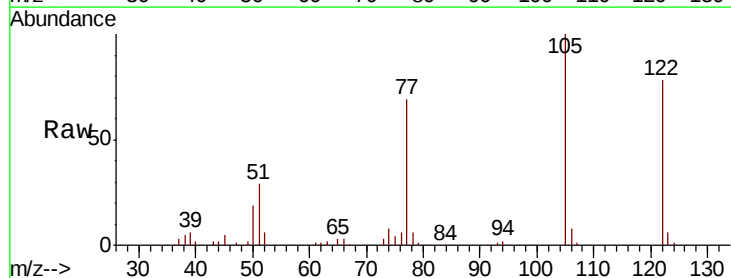
#31
Naphthalene
Concen: 42.358 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG044344.D
Acq: 7 Feb 2020 19:36

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.3	13.9
127	14.7	11.6	17.4



#32
Benzoic acid
Concen: 36.870 ng
RT: 10.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BG044344.D
Acq: 7 Feb 2020 19:36

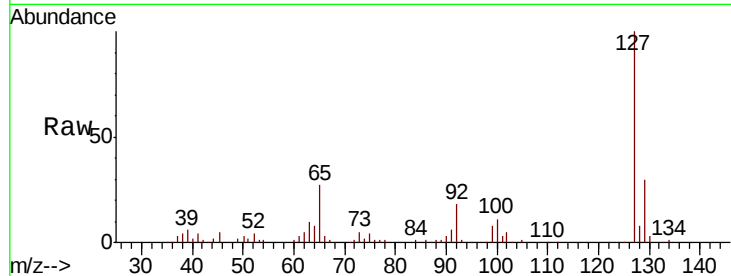
Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.9	93.5	133.5
77	87.7	61.0	101.0



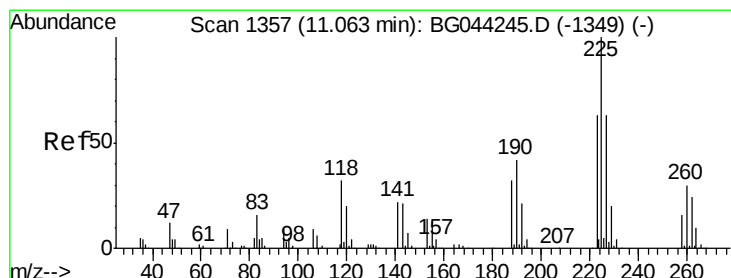
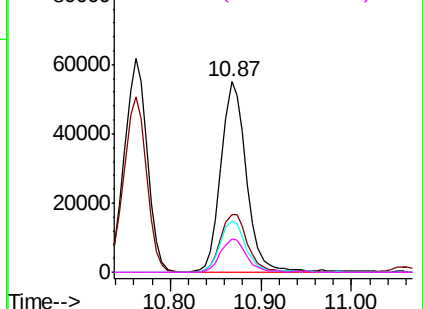
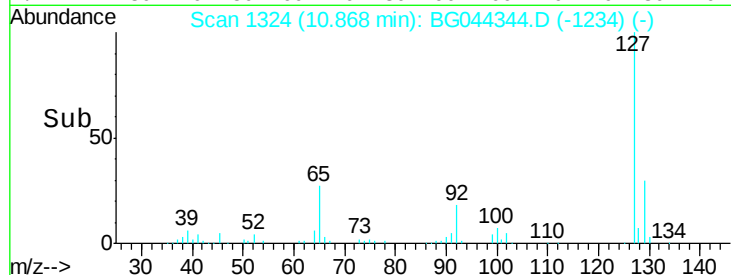


#33
4-Chloroaniline
Concen: 13.294 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG044344.D
Acq: 7 Feb 2020 19:36

Tot Ion:127	Resp:	108017
Ion Ratio	Lower	Upper
127	100	
129	30.2	26.6 40.0
65	26.9	22.5 33.7
92	17.8	14.1 21.1

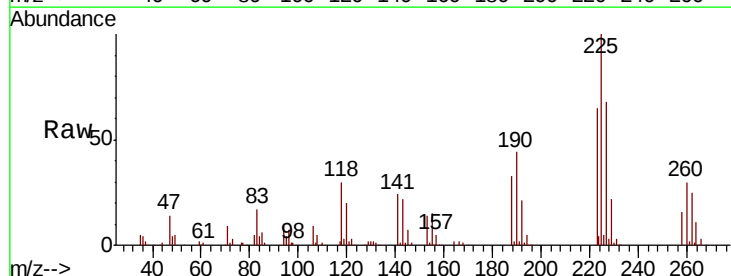


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

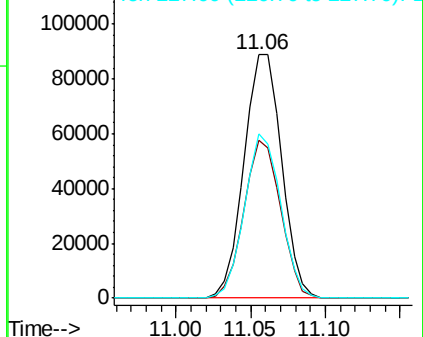
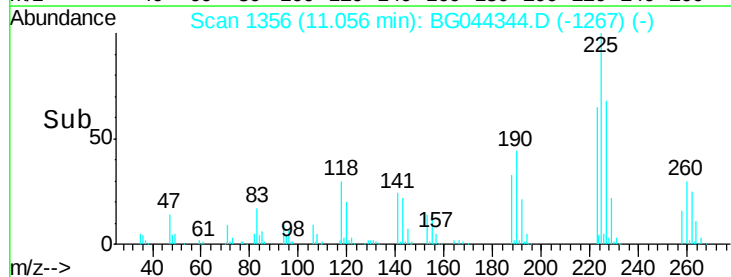


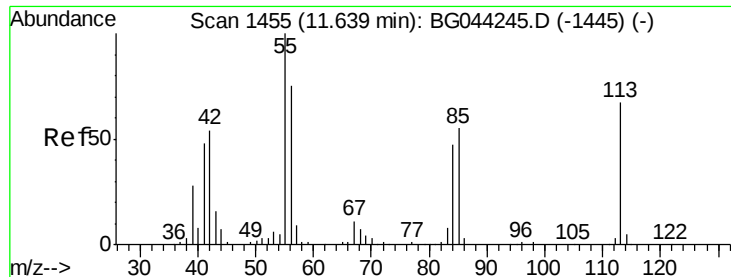
#34
Hexachlorobutadiene
Concen: 39.067 ng
RT: 11.06 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BG044344.D
Acq: 7 Feb 2020 19:36

Tgt Ion:225	Resp:	155447
Ion Ratio	Lower	Upper
225	100	
223	65.1	50.2 75.4
227	67.6	50.8 76.2



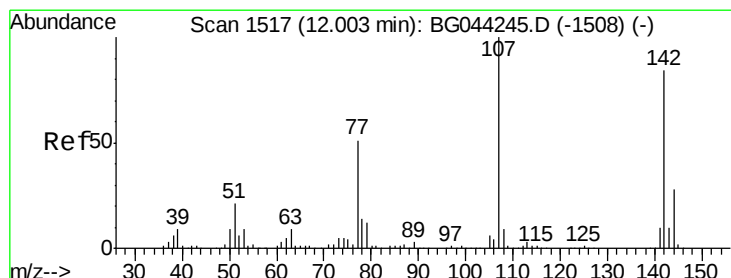
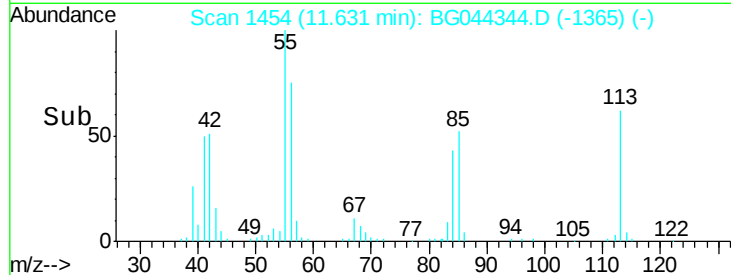
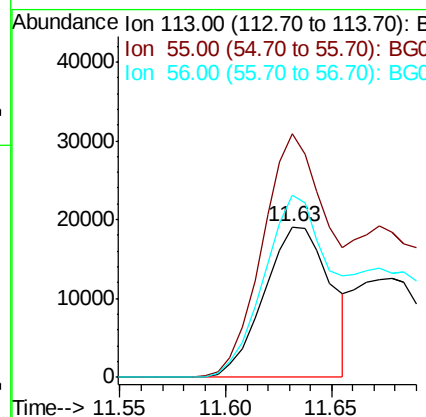
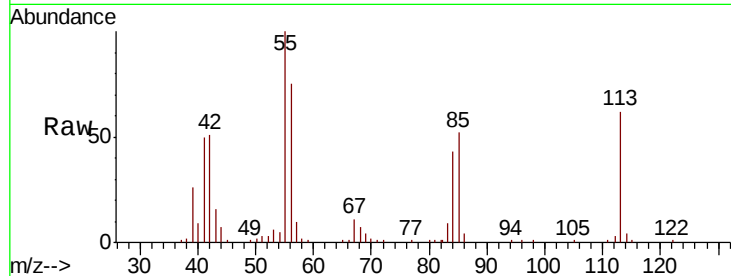
Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





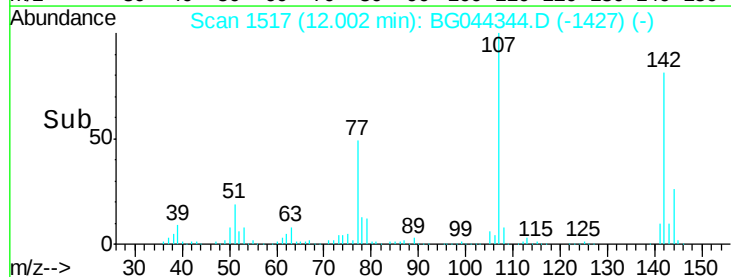
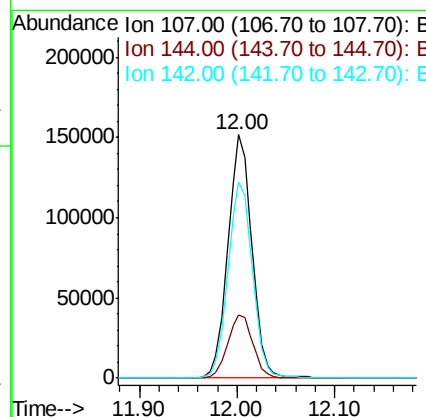
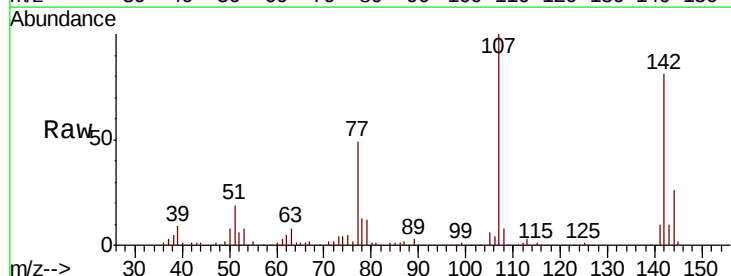
#35
Caprolactam
Concen: 20.127 ng
RT: 11.63 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BG044344.D
Acq: 7 Feb 2020 19:36

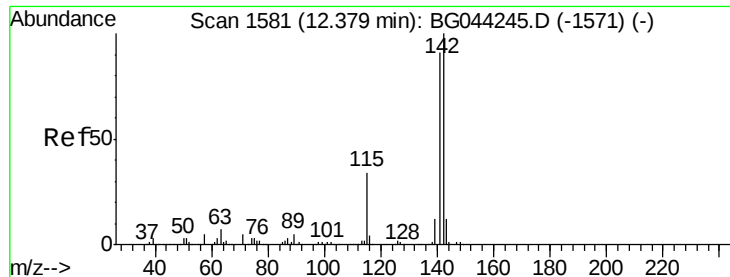
Tot Ion:113 Resp: 41579
Ion Ratio Lower Upper
113 100
55 161.6 129.9 169.9
56 121.2 92.5 132.5



#36
4-Chloro-3-methylphenol
Concen: 43.771 ng
RT: 12.00 min Scan# 1517
Delta R.T. -0.00 min
Lab File: BG044344.D
Acq: 7 Feb 2020 19:36

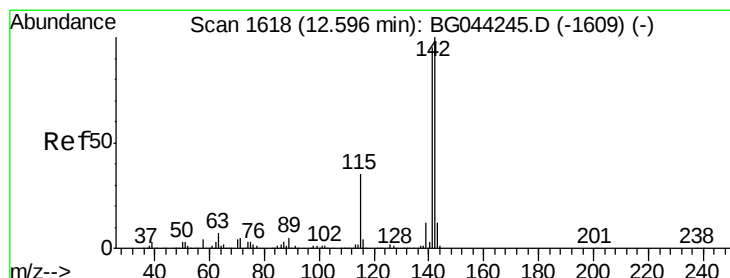
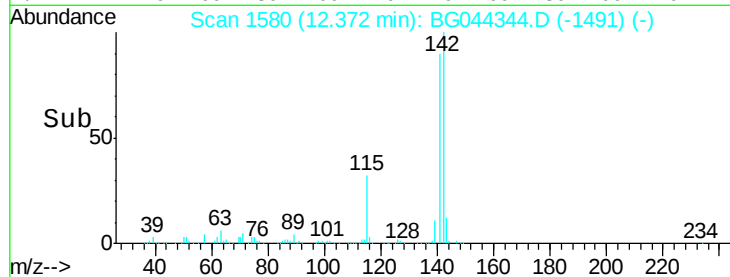
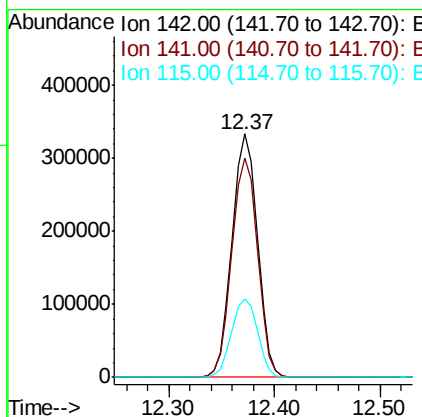
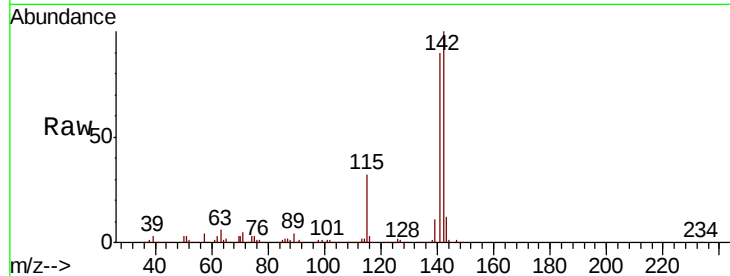
Tgt Ion:107 Resp: 258805
Ion Ratio Lower Upper
107 100
144 25.8 22.2 33.4
142 80.9 67.4 101.0





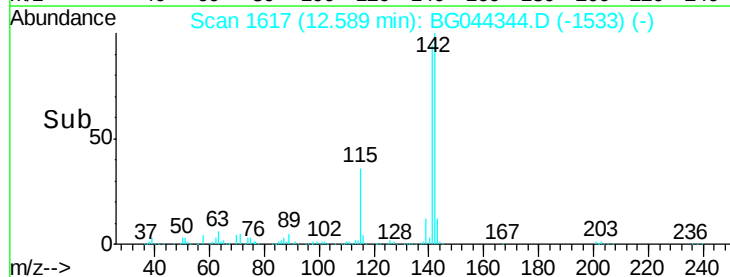
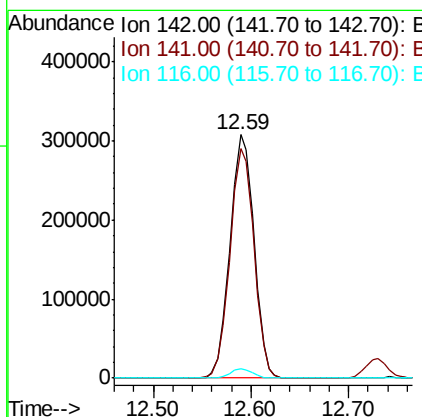
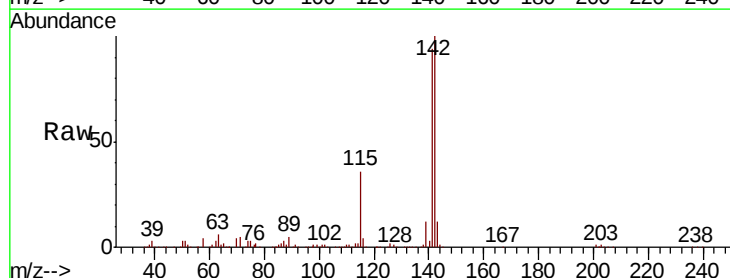
#37
 2-Methylnaphthalene
 Concen: 41.826 ng
 RT: 12.37 min Scan# 1580
 Delta R.T. -0.01 min
 Lab File: BG044344.D
 Acq: 7 Feb 2020 19:36

Tot Ion:142	Resp:	554792
Ion Ratio	Lower	Upper
142	100	
141	90.3	73.2 109.8
115	32.4	27.1 40.7



#38
 1-Methylnaphthalene
 Concen: 41.943 ng
 RT: 12.59 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BG044344.D
 Acq: 7 Feb 2020 19:36

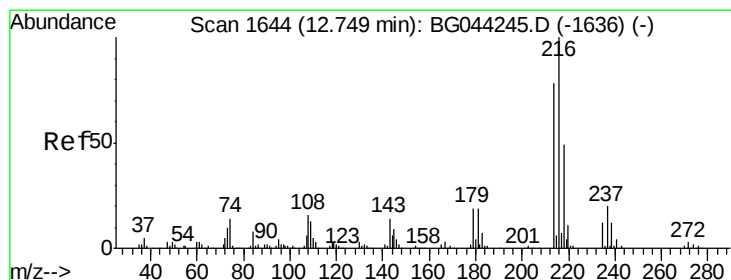
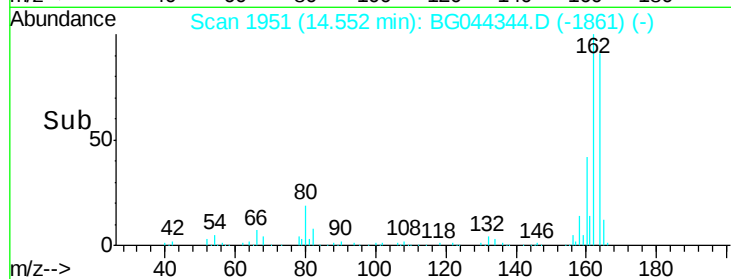
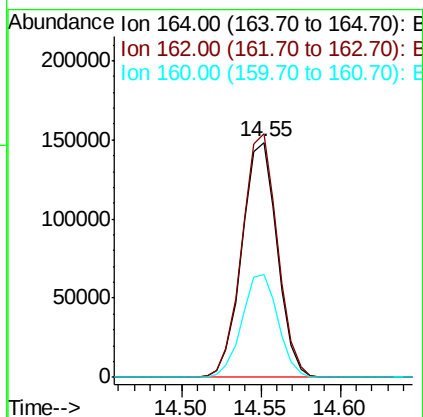
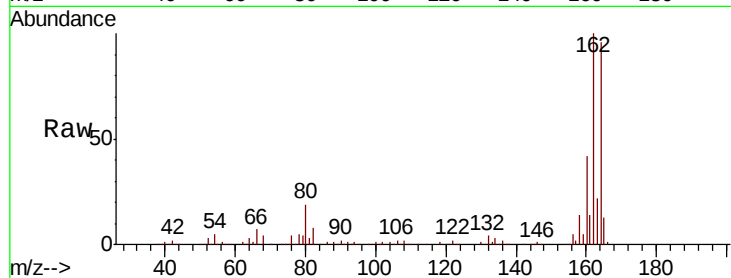
Tgt Ion:142	Resp:	524513
Ion Ratio	Lower	Upper
142	100	
141	94.3	75.8 113.6
116	3.7	3.1 4.7





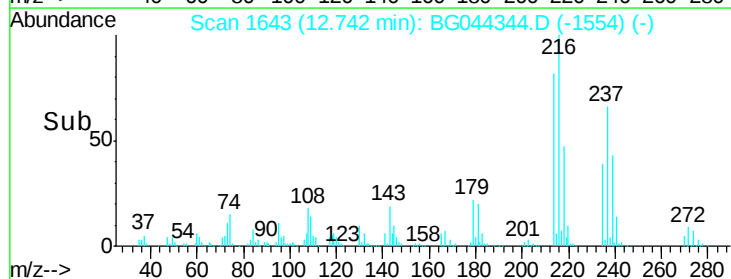
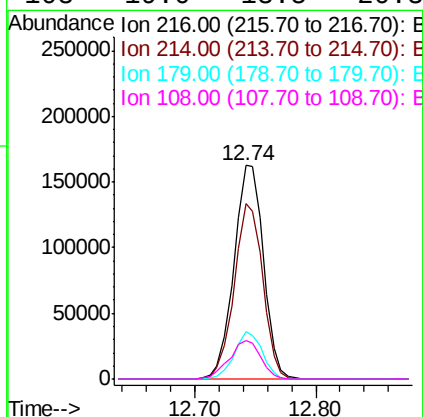
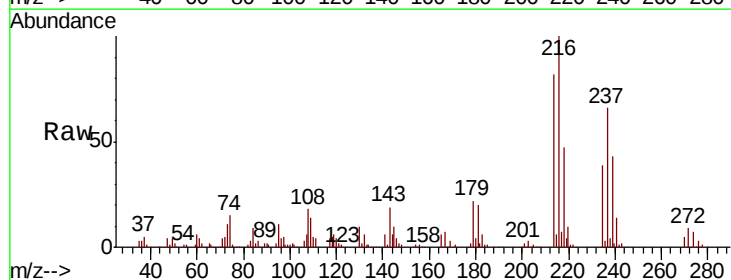
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG044344.D
Acq: 7 Feb 2020 19:36

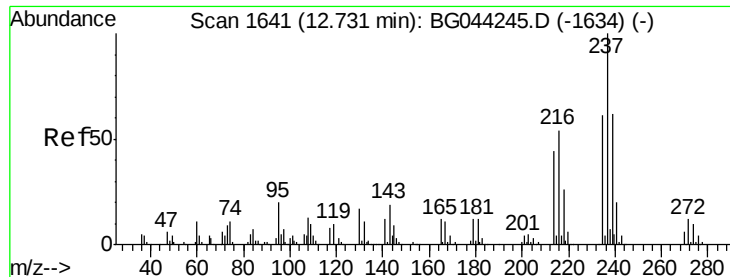
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.8	80.7	121.1
160	44.1	35.3	52.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.299 ng
RT: 12.74 min Scan# 1643
Delta R.T. -0.01 min
Lab File: BG044344.D
Acq: 7 Feb 2020 19:36

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.0	94.6
179	20.9	16.2	24.4
108	19.0	13.5	20.3





#41

Hexachlorocyclopentadiene

Concen: 101.536 ng

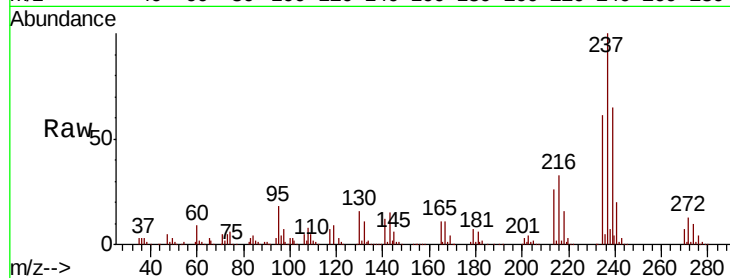
RT: 12.73 min Scan# 1641

Delta R.T. -0.00 min

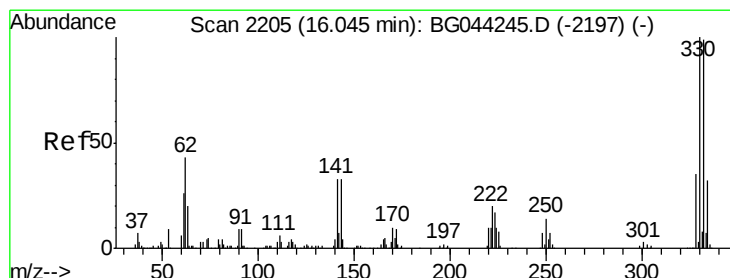
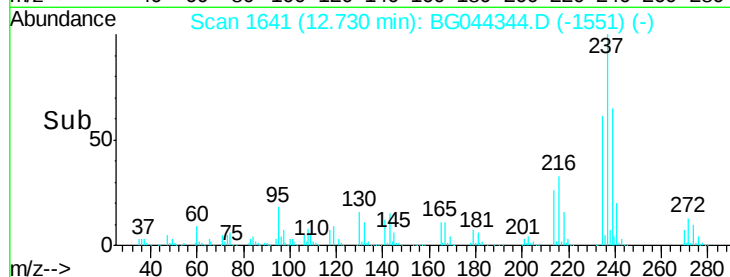
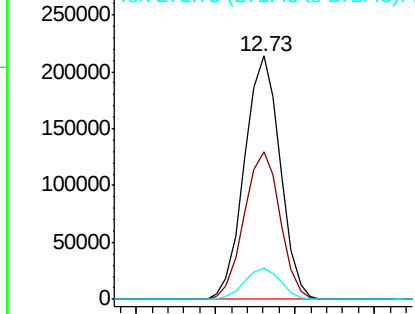
Lab File: BG044344.D

Acq: 7 Feb 2020 19:36

Tot Ion:	237	Resp:	334195
Ion	Ratio	Lower	Upper
237	100		
235	60.6	41.2	81.2
272	12.8	0.0	32.4



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: 101.676 ng

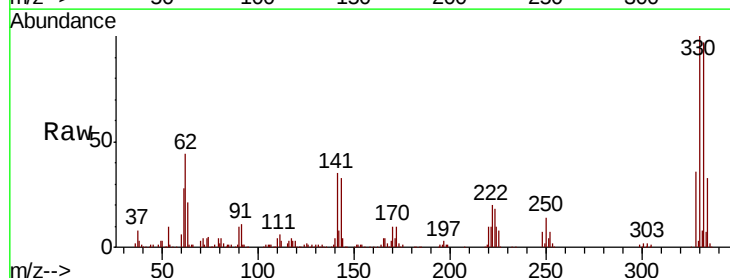
RT: 16.04 min Scan# 2204

Delta R.T. -0.01 min

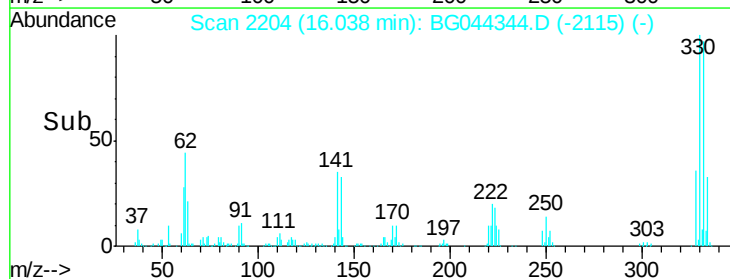
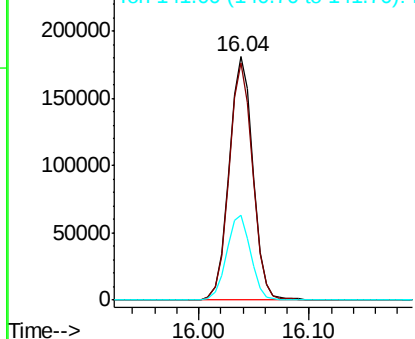
Lab File: BG044344.D

Acq: 7 Feb 2020 19:36

Tgt Ion:	330	Resp:	273713
Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.2	115.8
141	35.3	28.3	42.5



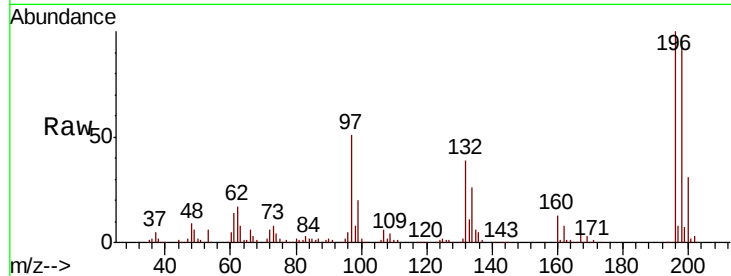
Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#43
 2,4,6-Trichlorophenol
 Concen: 44.143 ng
 RT: 12.98 min Scan# 1684
 Delta R.T. -0.01 min
 Lab File: BG044344.D
 Acq: 7 Feb 2020 19:36

Tot Ion	196	Resp	195724
Ion Ratio	Lower	Upper	
196	100		
198	96.4	79.3	118.9
200	31.0	25.7	38.5

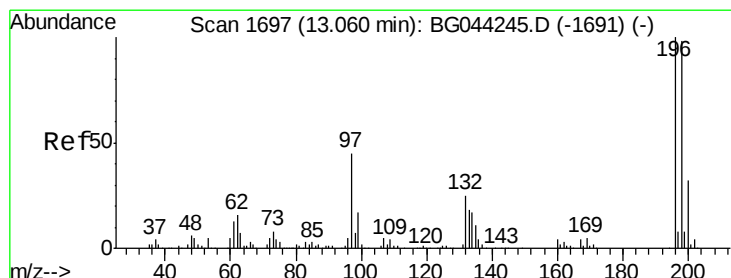
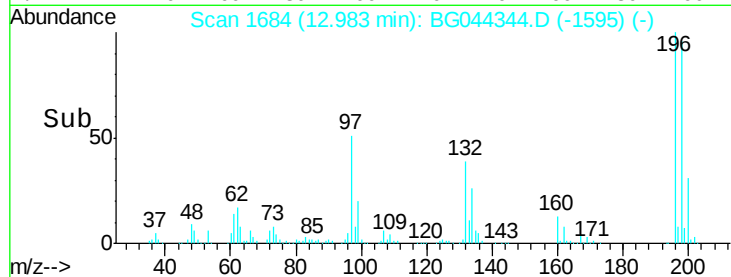
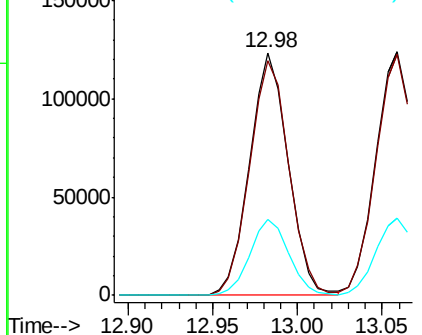


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 45.326 ng
 RT: 13.06 min Scan# 1697
 Delta R.T. -0.00 min
 Lab File: BG044344.D
 Acq: 7 Feb 2020 19:36

Tgt Ion	196	Resp	205269
Ion Ratio	Lower	Upper	
196	100		
198	99.0	78.2	117.2
97	45.7	36.2	54.4
132	26.1	20.2	30.4

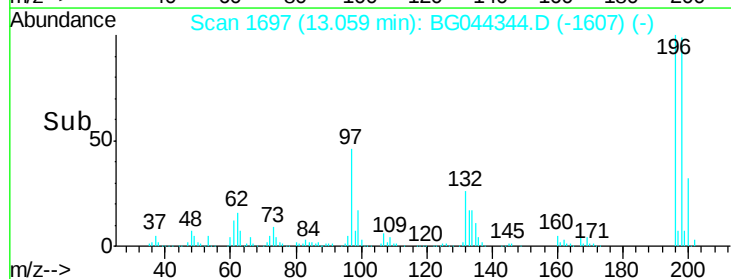
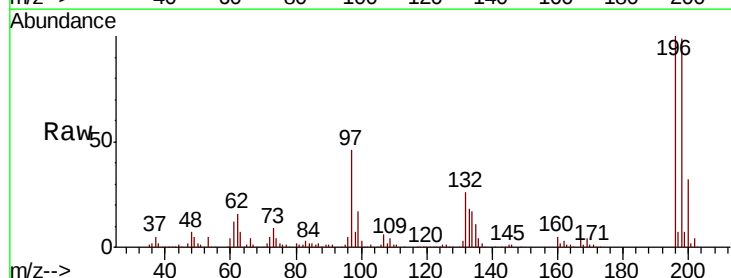
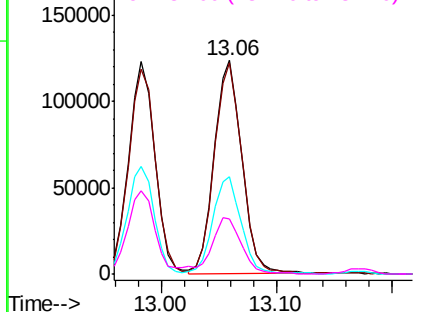
Abundance

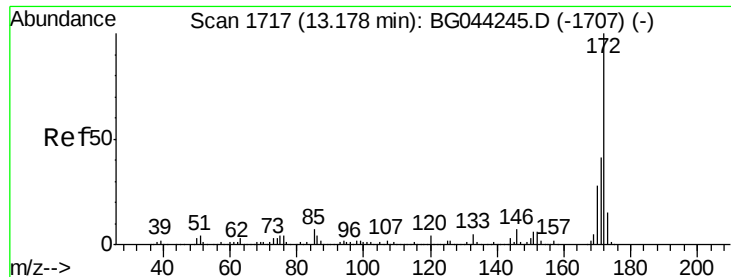
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

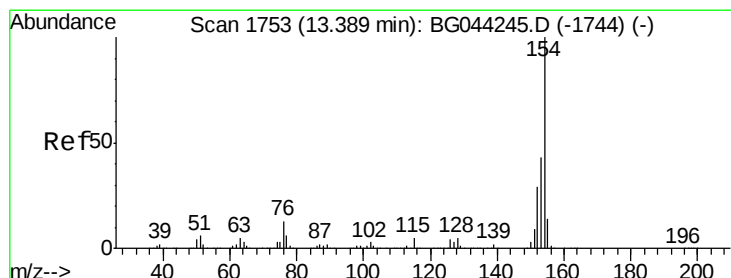
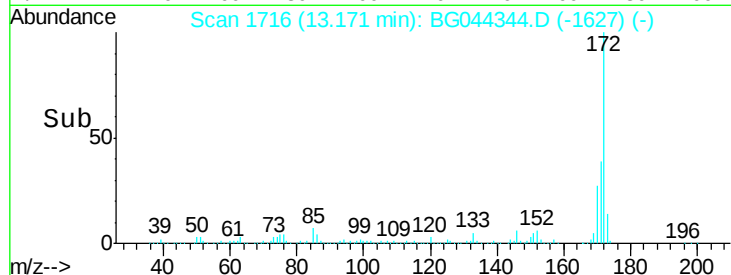
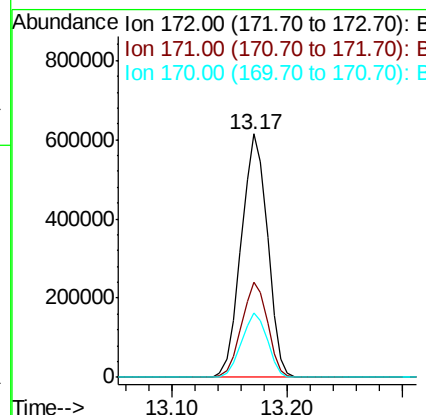
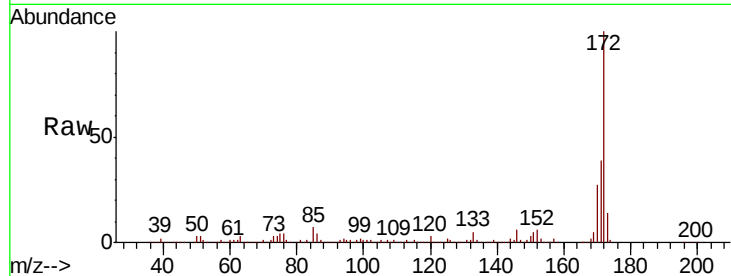
Ion 132.00 (131.70 to 132.70): E





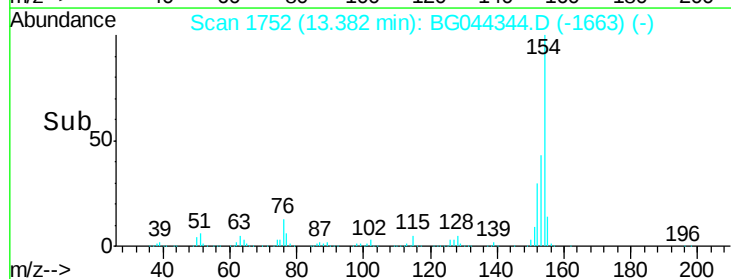
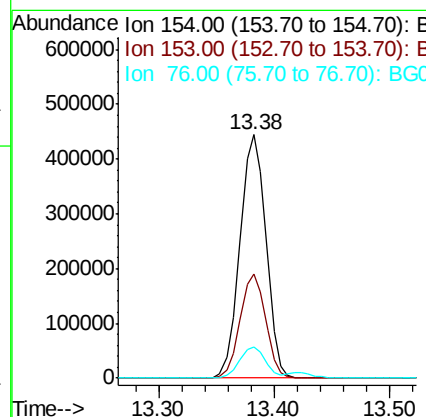
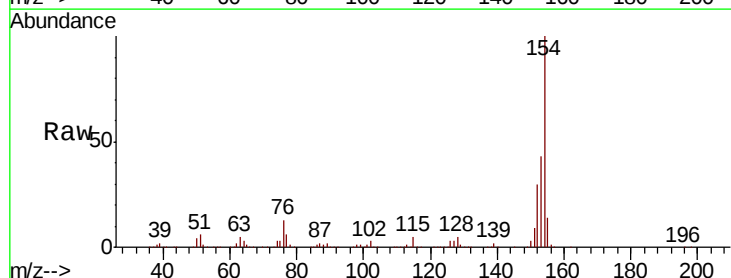
#45
2-Fluorobiphenyl
Concen: 70.730 ng
RT: 13.17 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BG044344.D
Acq: 7 Feb 2020 19:36

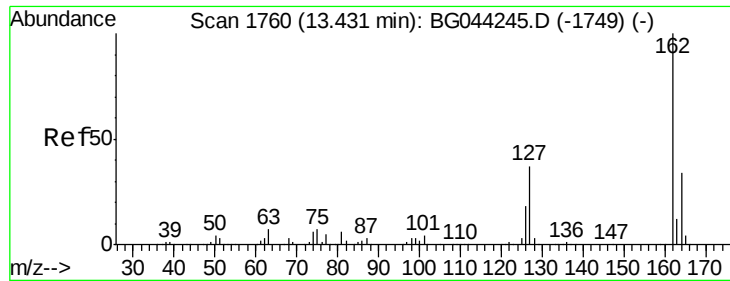
Tot Ion:	172	Resp:	968583
Ion	Ratio	Lower	Upper
172	100		
171	39.1	32.9	49.3
170	26.5	22.0	33.0



#46
1,1'-Biphenyl
Concen: 41.806 ng
RT: 13.38 min Scan# 1752
Delta R.T. -0.01 min
Lab File: BG044344.D
Acq: 7 Feb 2020 19:36

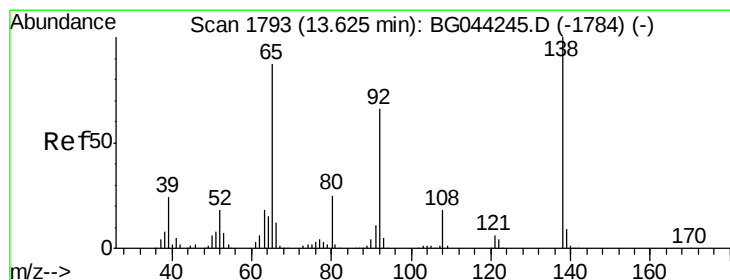
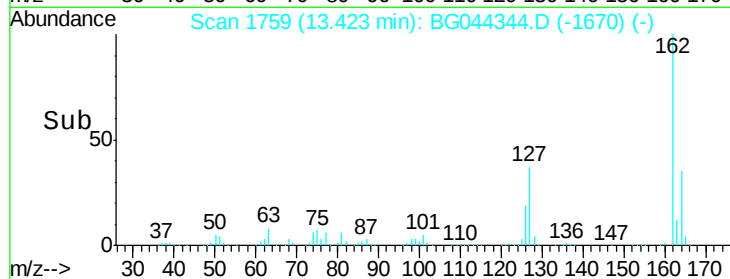
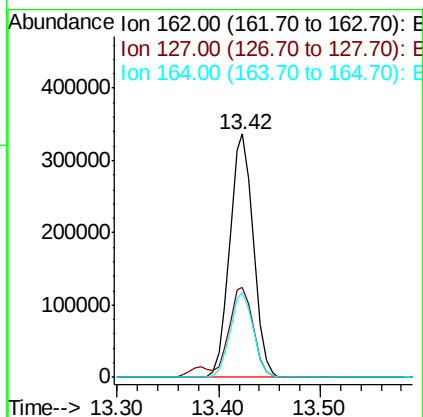
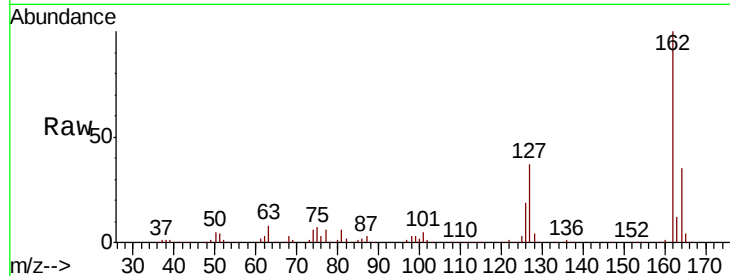
Tgt Ion:	154	Resp:	691500
Ion	Ratio	Lower	Upper
154	100		
153	42.6	22.7	62.7
76	12.8	0.0	32.9





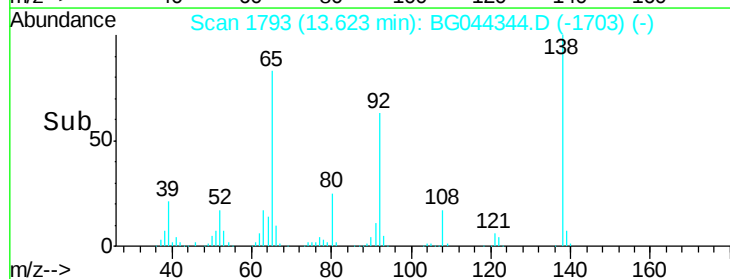
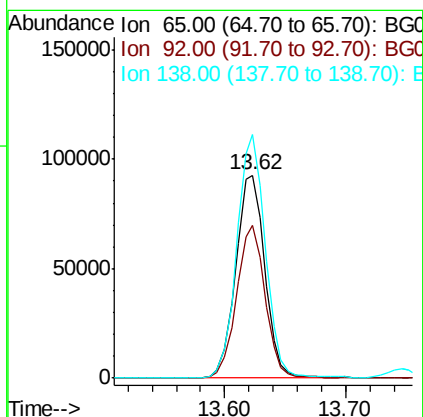
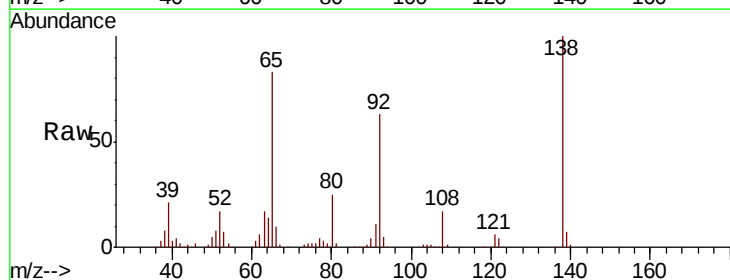
#47
 2-Chloronaphthalene
 Concen: 41.157 ng
 RT: 13.42 min Scan# 1759
 Delta R.T. -0.01 min
 Lab File: BG044344.D
 Acq: 7 Feb 2020 19:36

Tot Ion:162 Resp: 541716
 Ion Ratio Lower Upper
 162 100
 127 37.1 30.0 45.0
 164 34.7 27.2 40.8



#48
 2-Nitroaniline
 Concen: 40.240 ng
 RT: 13.62 min Scan# 1793
 Delta R.T. -0.00 min
 Lab File: BG044344.D
 Acq: 7 Feb 2020 19:36

Tgt Ion: 65 Resp: 156309
 Ion Ratio Lower Upper
 65 100
 92 75.1 60.3 90.5
 138 119.8 91.9 137.9





#49

Acenaphthylene

Concen: 43.858 ng

RT: 14.27 min Scan# 1903

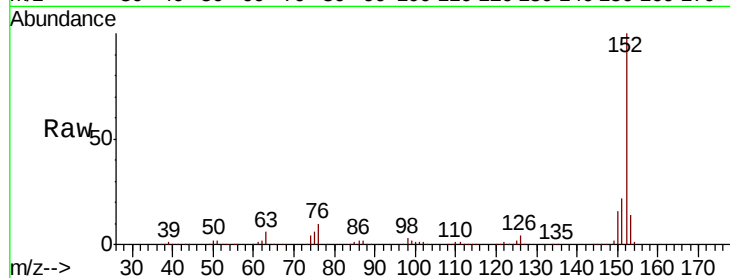
Delta R.T. -0.01 min

Lab File: BG044344.D

Acq: 7 Feb 2020 19:36

Tot Ion:152 Resp: 846699

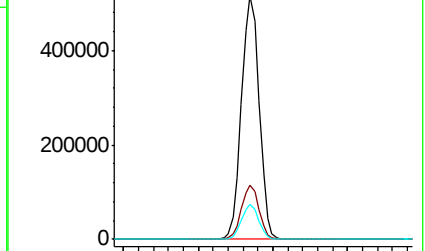
Ion	Ratio	Lower	Upper
152	100		
151	22.1	18.1	27.1
153	14.4	11.5	17.3



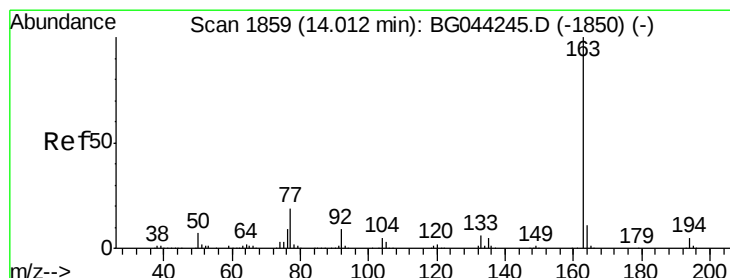
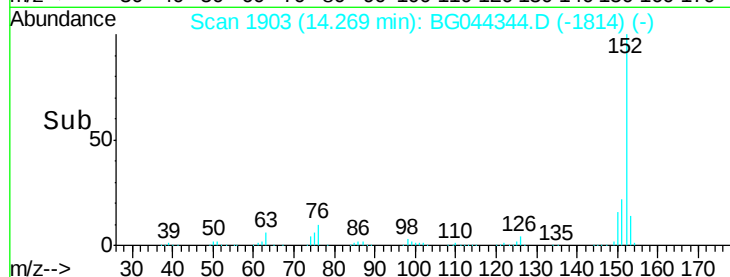
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time--> 14.10 14.20 14.30 14.40



#50

Dimethylphthalate

Concen: 43.277 ng

RT: 14.01 min Scan# 1858

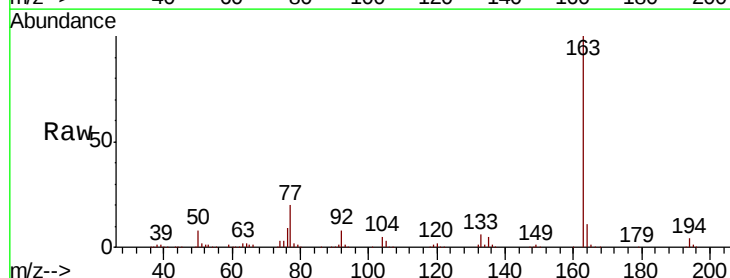
Delta R.T. -0.01 min

Lab File: BG044344.D

Acq: 7 Feb 2020 19:36

Tgt Ion:163 Resp: 713365

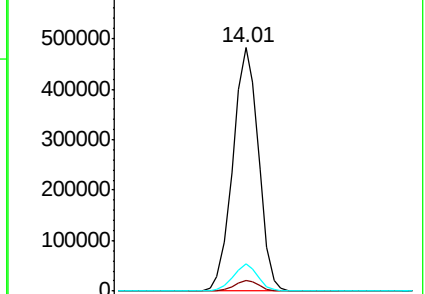
Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.6	5.4
164	11.0	8.7	13.1



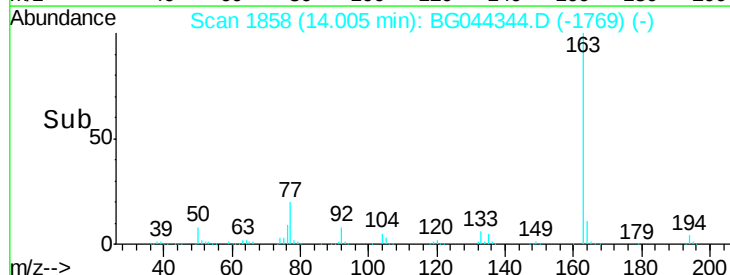
Abundance Ion 163.00 (162.70 to 163.70): E

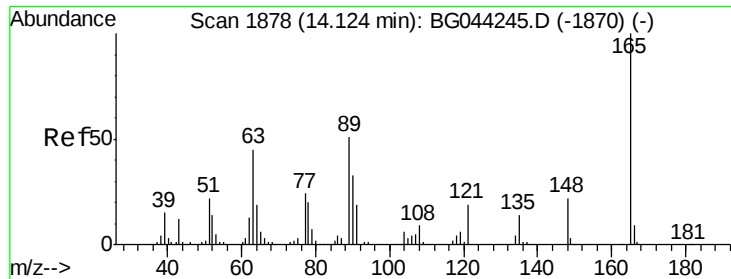
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



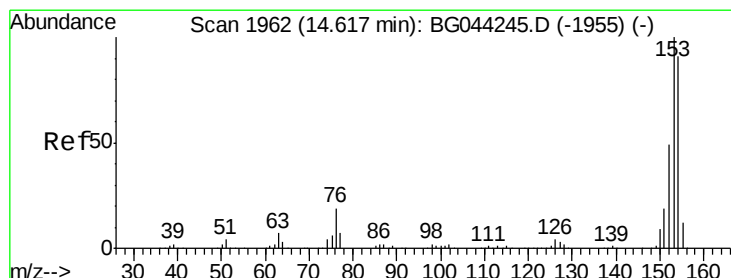
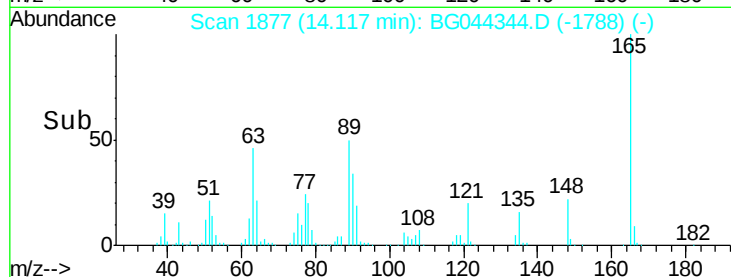
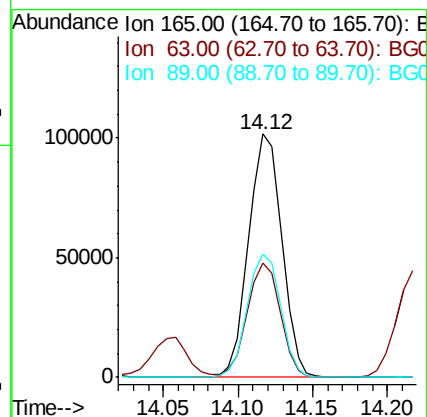
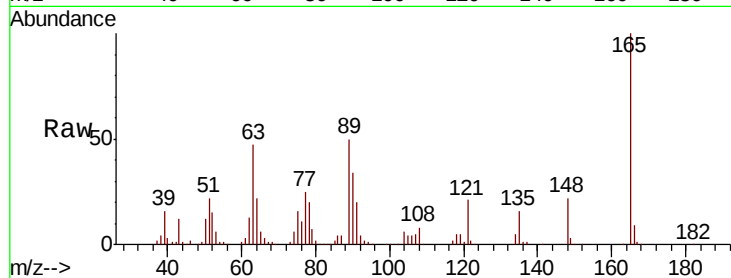
Time--> 13.90 14.00 14.10





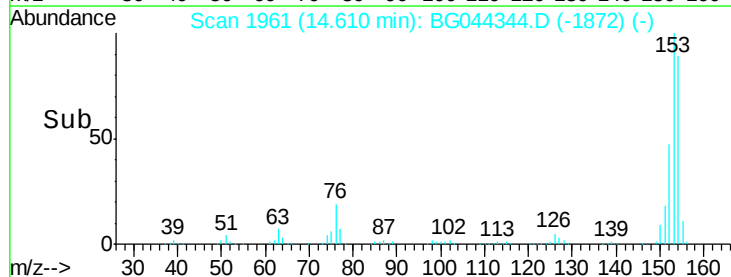
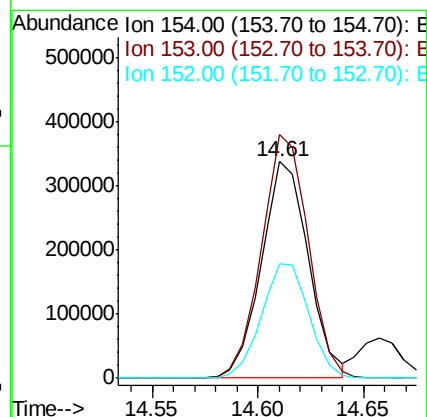
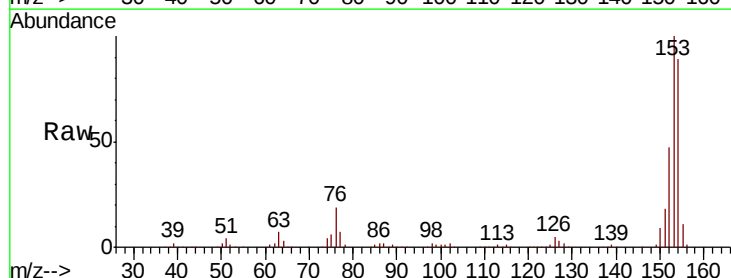
#51
 2,6-Dinitrotoluene
 Concen: 42.590 ng
 RT: 14.12 min Scan# 1877
 Delta R.T. -0.01 min
 Lab File: BG044344.D
 Acq: 7 Feb 2020 19:36

Tot Ion	Ratio	Lower	Upper
165	100		
63	46.7	38.7	58.1
89	50.4	40.4	60.6



#52
 Acenaphthene
 Concen: 41.729 ng
 RT: 14.61 min Scan# 1961
 Delta R.T. -0.01 min
 Lab File: BG044344.D
 Acq: 7 Feb 2020 19:36

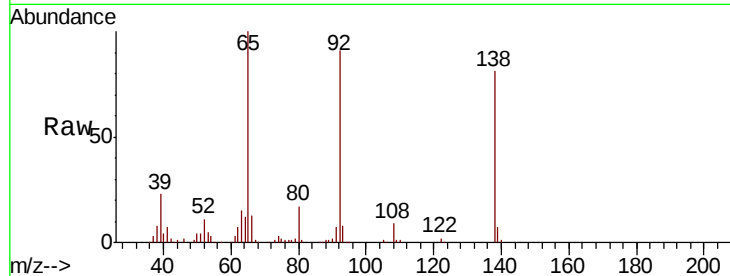
Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.5	87.9	131.9
152	52.6	43.1	64.7



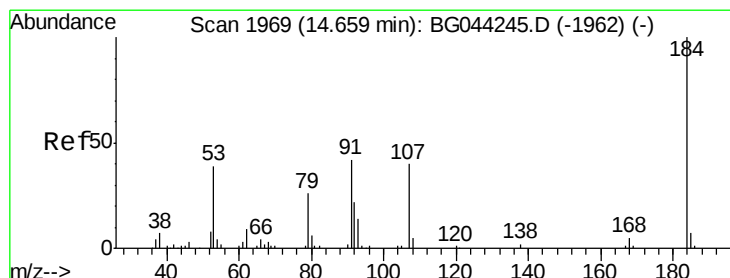
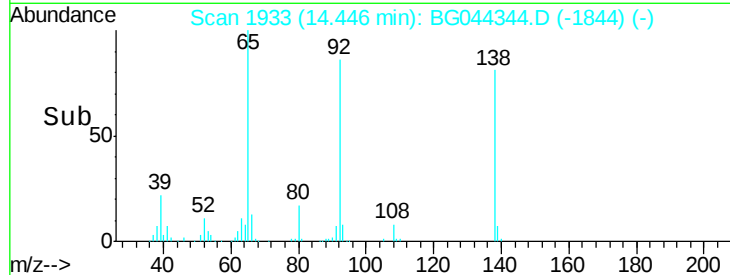
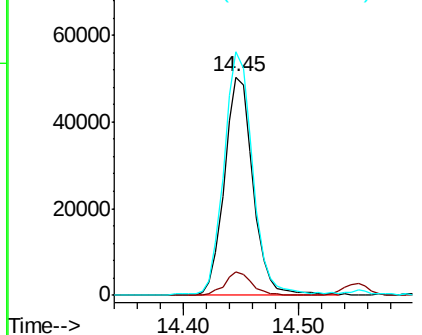


#53
3-Nitroaniline
Concen: 21.266 ng
RT: 14.45 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BG044344.D
Acq: 7 Feb 2020 19:36

Tot Ion:138 Resp: 86473
Ion Ratio Lower Upper
138 100
108 10.6 7.9 11.9
92 111.6 91.0 136.4

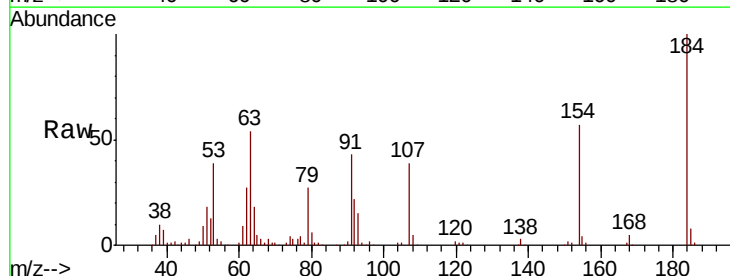


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

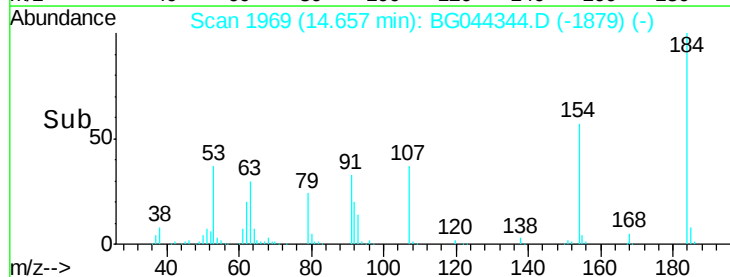
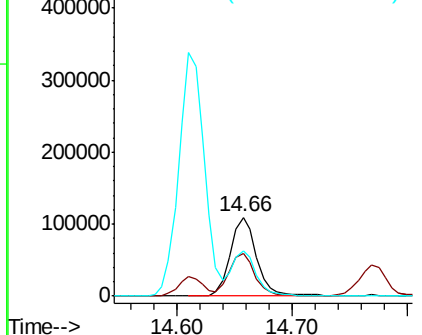


#54
2,4-Dinitrophenol
Concen: 79.640 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG044344.D
Acq: 7 Feb 2020 19:36

Tgt Ion:184 Resp: 173356
Ion Ratio Lower Upper
184 100
63 53.8 44.1 66.1
154 56.8 45.4 68.0



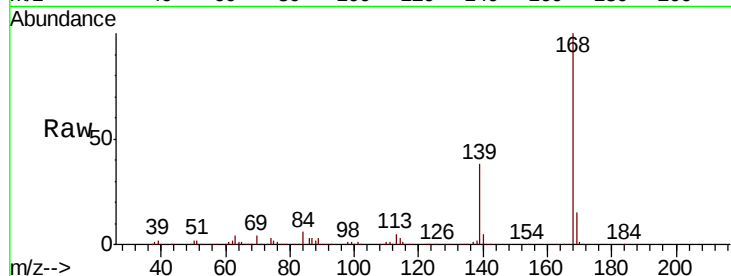
Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E



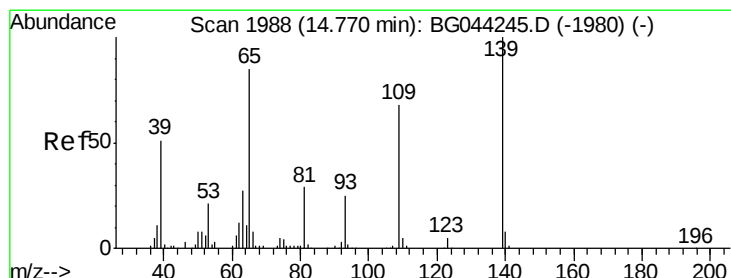
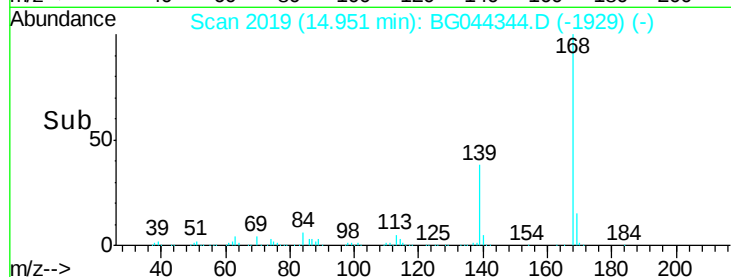
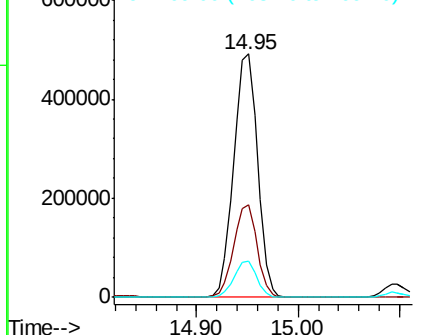


#55
Dibenzenofuran
Concen: 42.444 ng
RT: 14.95 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BG044344.D
Acq: 7 Feb 2020 19:36

Tot Ion:168 Resp: 804134
Ion Ratio Lower Upper
168 100
139 37.9 30.5 45.7
169 14.8 11.7 17.5

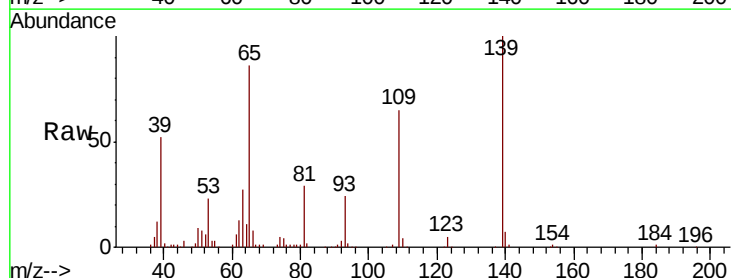


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

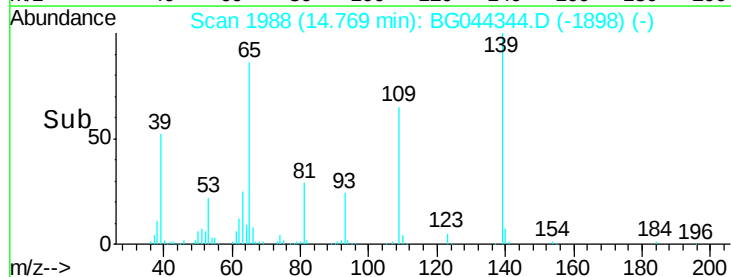
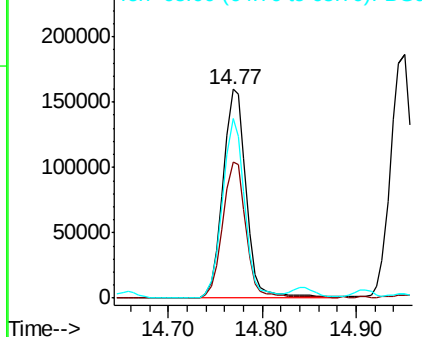


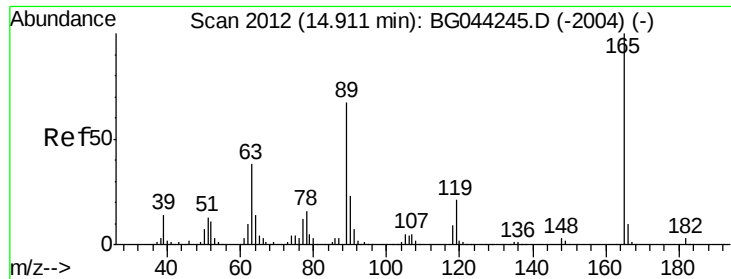
#56
4-Nitrophenol
Concen: 93.203 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.00 min
Lab File: BG044344.D
Acq: 7 Feb 2020 19:36

Tgt Ion:139 Resp: 277606
Ion Ratio Lower Upper
139 100
109 65.4 47.5 87.5
65 86.1 64.9 104.9



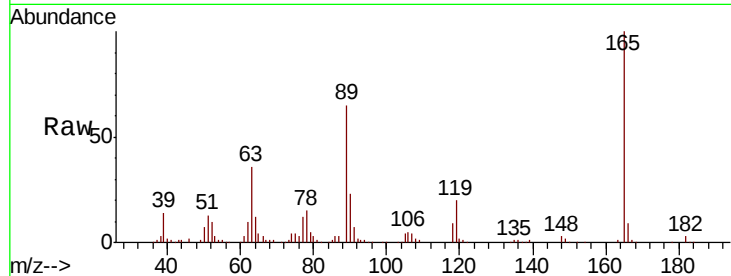
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BG



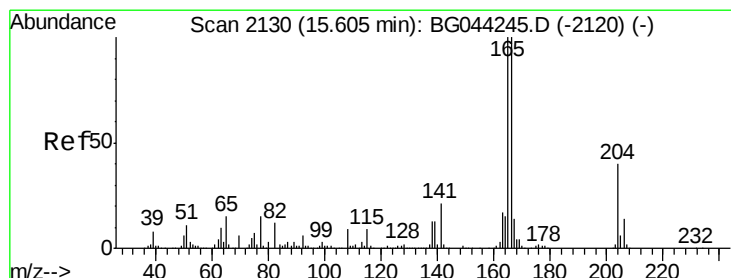
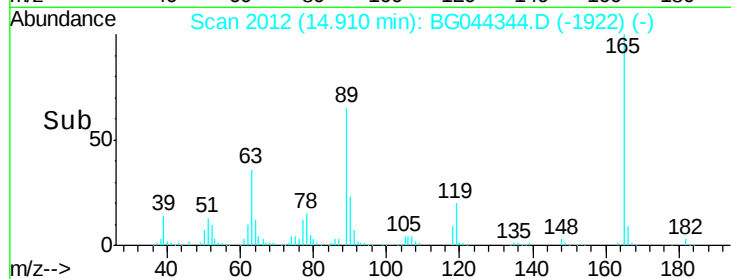
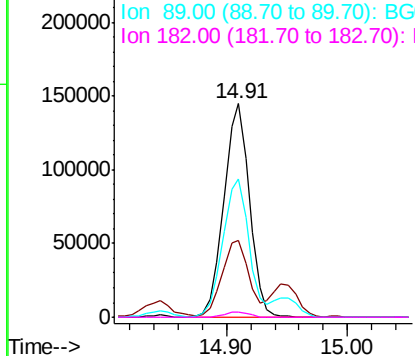


#57
 2,4-Dinitrotoluene
 Concen: 41.226 ng
 RT: 14.91 min Scan# 2012
 Delta R.T. -0.00 min
 Lab File: BG044344.D
 Acq: 7 Feb 2020 19:36

Tot Ion:165	Resp:	212364
Ion	Ratio	Lower Upper
165	100	
63	36.2	30.3 45.5
89	64.5	53.4 80.2
182	2.6	2.1 3.1

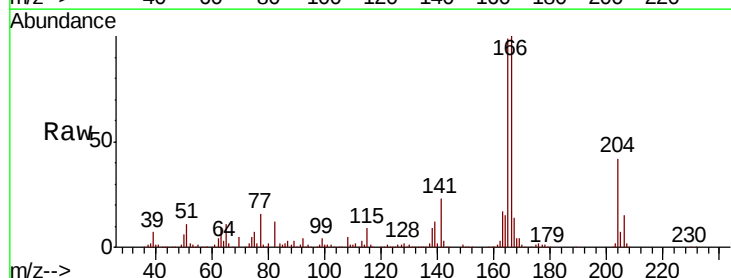


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

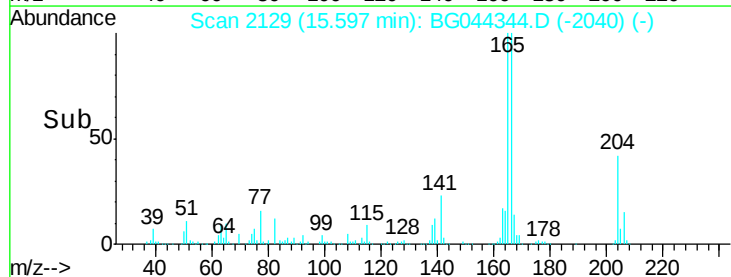
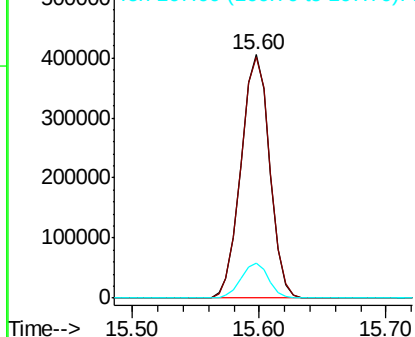


#58
 Fluorene
 Concen: 42.328 ng
 RT: 15.60 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BG044344.D
 Acq: 7 Feb 2020 19:36

Tgt Ion:166	Resp:	631620
Ion	Ratio	Lower Upper
166	100	
165	99.1	79.9 119.9
167	14.5	11.4 17.0



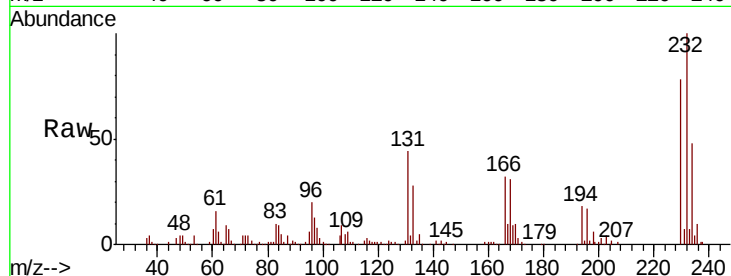
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E



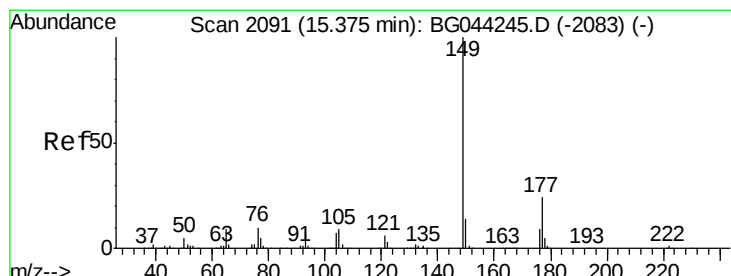
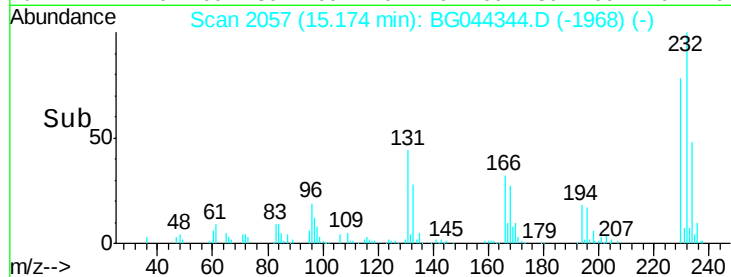
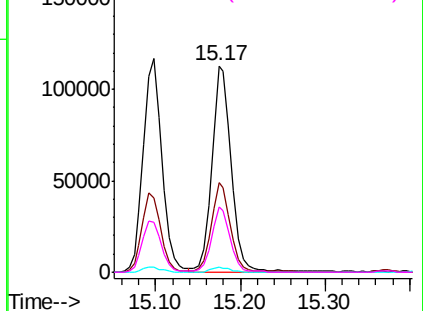


#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.480 ng
 RT: 15.17 min Scan# 2057
 Delta R.T. -0.01 min
 Lab File: BG044344.D
 Acq: 7 Feb 2020 19:36

Tot Ion:	232	Resp:	181950
Ion	Ratio	Lower	Upper
232	100		
131	42.7	34.2	51.4
130	2.4	1.8	2.8
166	30.3	23.8	35.8

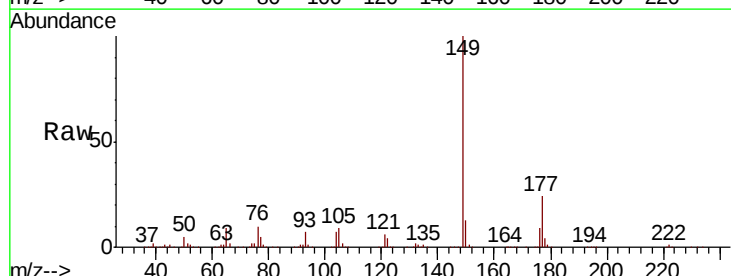


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

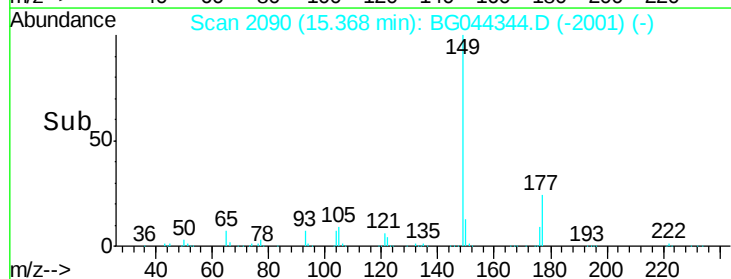
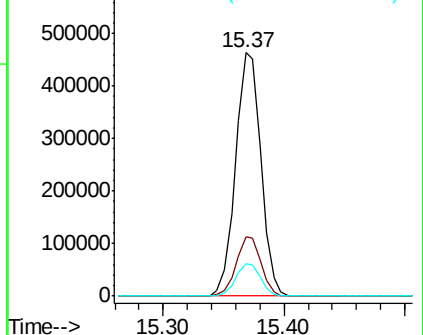


#60
 Diethylphthalate
 Concen: 41.157 ng
 RT: 15.37 min Scan# 2090
 Delta R.T. -0.01 min
 Lab File: BG044344.D
 Acq: 7 Feb 2020 19:36

Tgt Ion:	149	Resp:	675990
Ion	Ratio	Lower	Upper
149	100		
177	24.2	19.4	29.0
150	13.3	10.9	16.3



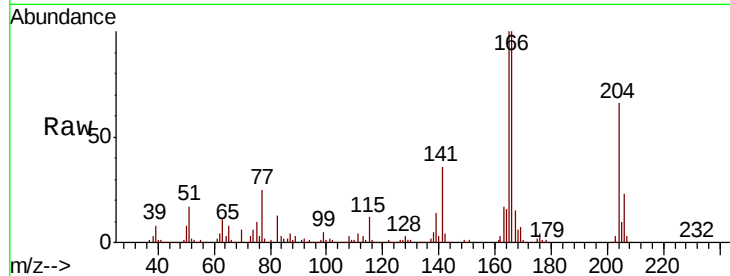
Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E



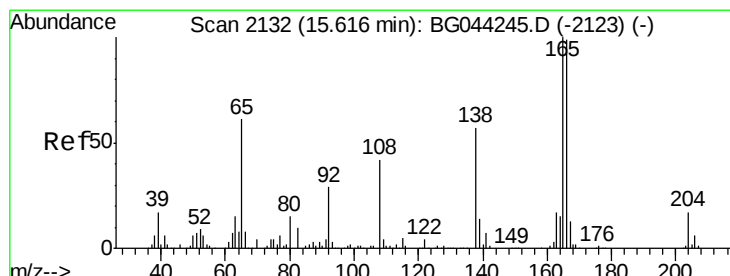
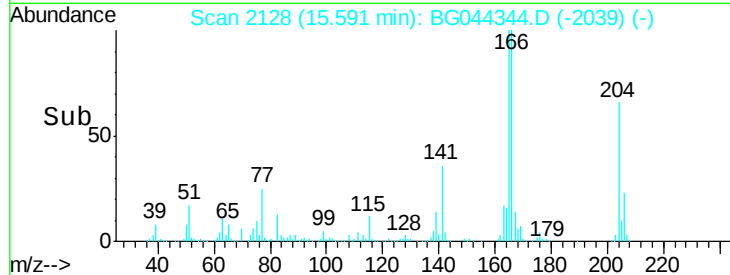
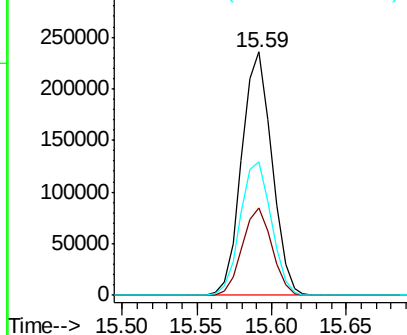


#61
 4-Chlorophenyl-phenylether
 Concen: 40.907 ng
 RT: 15.59 min Scan# 2128
 Delta R.T. -0.01 min
 Lab File: BG044344.D
 Acq: 7 Feb 2020 19:36

Tot Ion:204 Resp: 330975
 Ion Ratio Lower Upper
 204 100
 206 35.7 27.6 41.4
 141 55.0 43.4 65.0

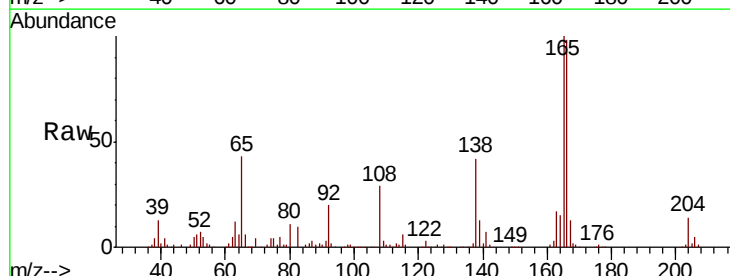


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

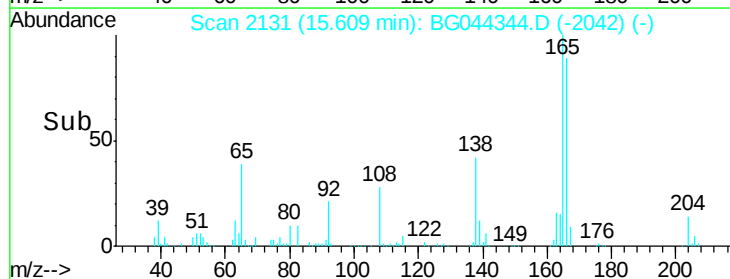
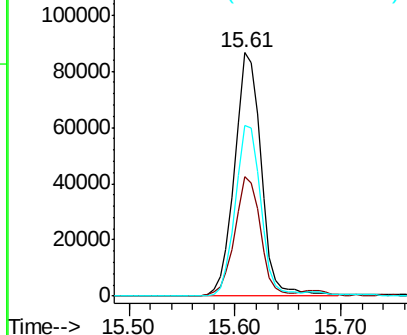


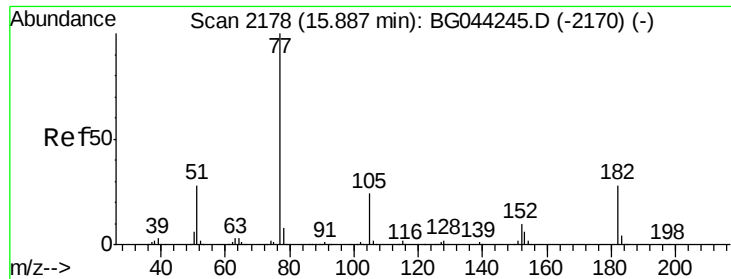
#62
 4-Nitroaniline
 Concen: 37.036 ng
 RT: 15.61 min Scan# 2131
 Delta R.T. -0.01 min
 Lab File: BG044344.D
 Acq: 7 Feb 2020 19:36

Tgt Ion:138 Resp: 150479
 Ion Ratio Lower Upper
 138 100
 92 49.2 31.3 71.3
 108 70.3 52.6 92.6



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: 42.269 ng

RT: 15.89 min Scan# 2178

Delta R.T. -0.00 min

Lab File: BG044344.D

Acq: 7 Feb 2020 19:36

Tot Ion: 77 Resp: 608472

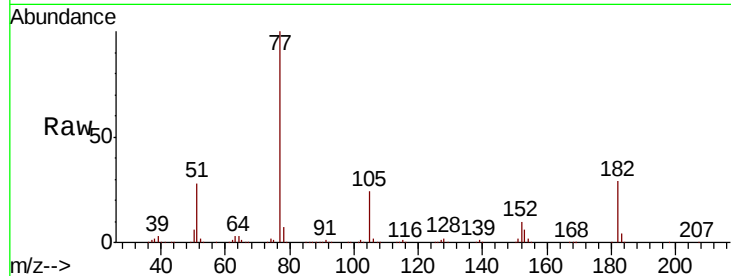
Ion	Ratio	Lower	Upper
77	100		
182	29.4	8.2	48.2
105	23.6	3.6	43.6
51	27.6	8.3	48.3

77 100

182 29.4 8.2 48.2

105 23.6 3.6 43.6

51 27.6 8.3 48.3

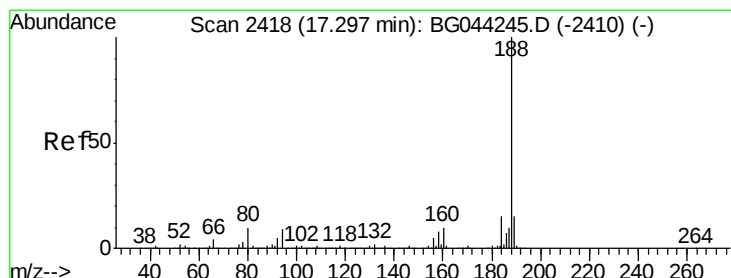
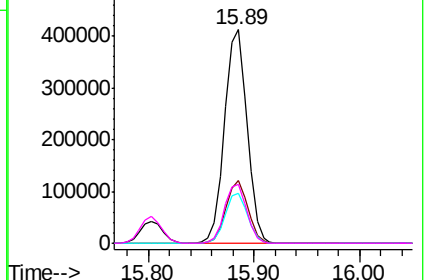
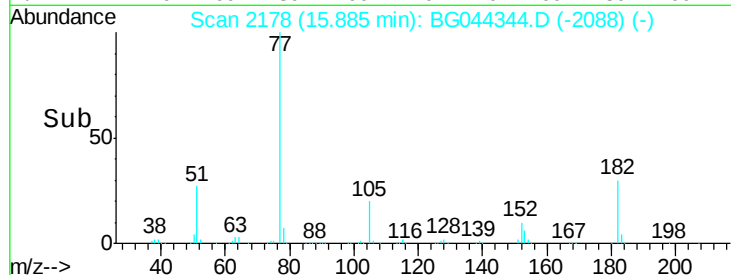


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.29 min Scan# 2417

Delta R.T. -0.01 min

Lab File: BG044344.D

Acq: 7 Feb 2020 19:36

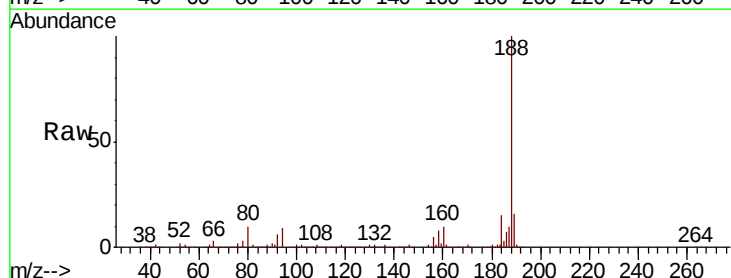
Tgt Ion: 188 Resp: 479790

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.4	11.2
80	10.1	7.7	11.5

188 100

94 9.3 7.4 11.2

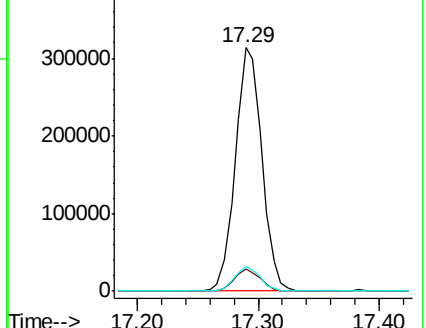
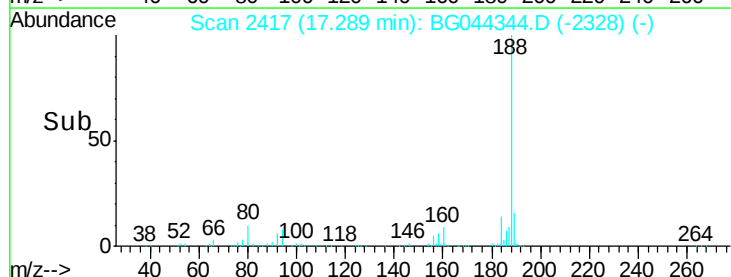
80 10.1 7.7 11.5

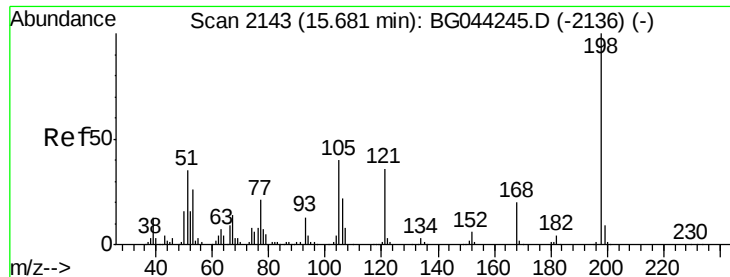


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 49.357 ng

RT: 15.67 min Scan# 2142

Delta R.T. -0.01 min

Lab File: BG044344.D

Acq: 7 Feb 2020 19:36

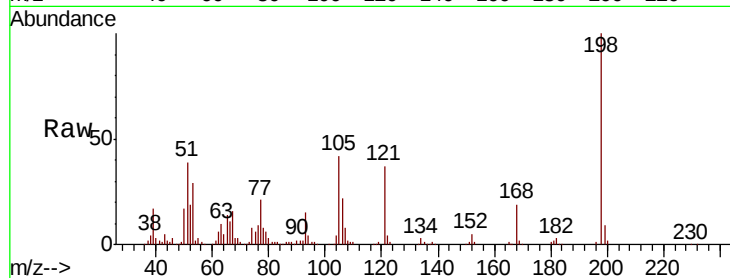
Tot Ion:198 Resp: 130719

Ion	Ratio	Lower	Upper
198	100		
51	38.7	16.6	56.6
105	41.9	20.6	60.6

198 100

51 38.7 16.6 56.6

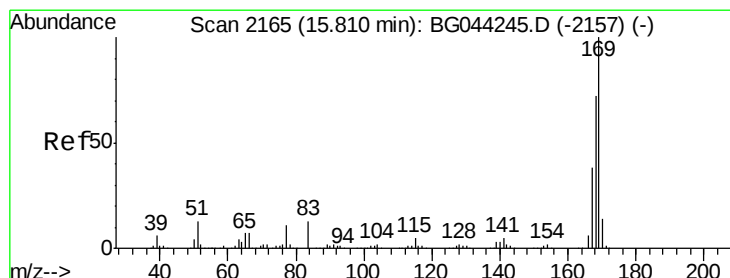
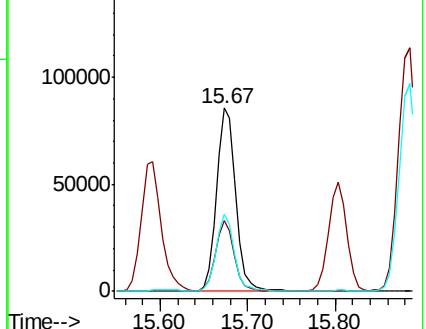
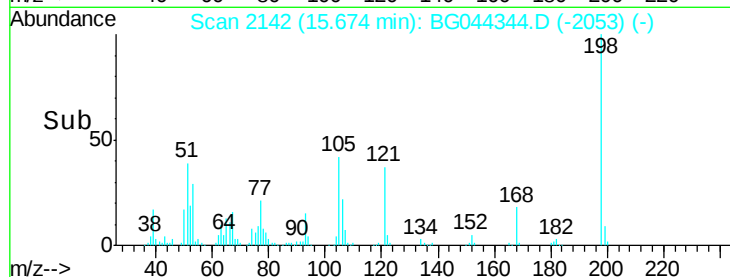
105 41.9 20.6 60.6



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: 43.769 ng

RT: 15.80 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BG044344.D

Acq: 7 Feb 2020 19:36

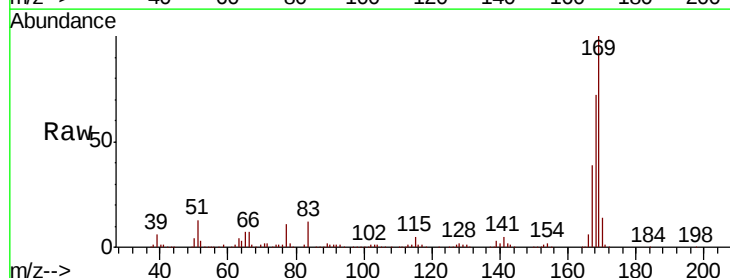
Tgt Ion:169 Resp: 588505

Ion	Ratio	Lower	Upper
169	100		
168	72.1	57.9	86.9
167	38.5	30.7	46.1

169 100

168 72.1 57.9 86.9

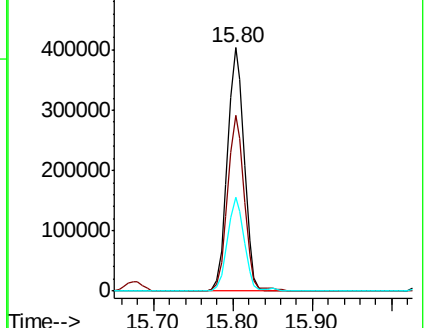
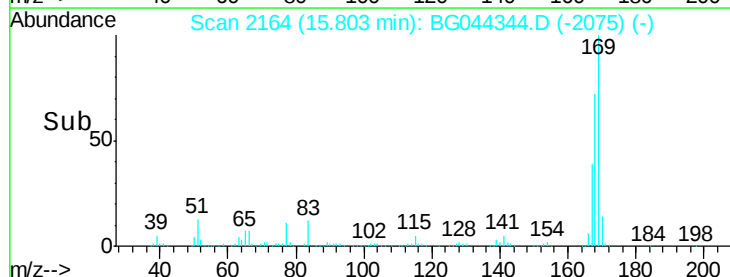
167 38.5 30.7 46.1

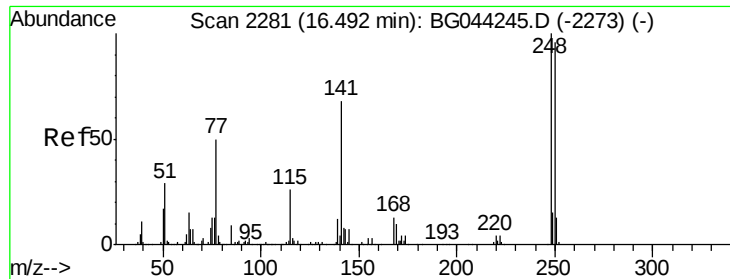


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

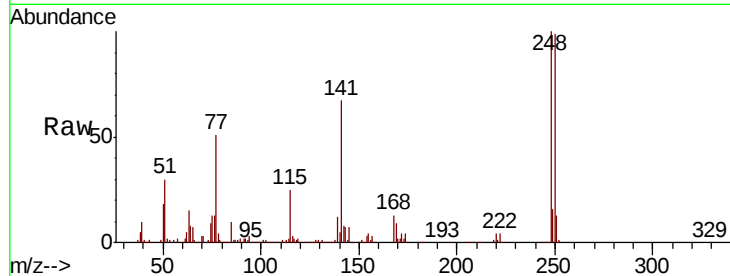
Ion 167.00 (166.70 to 167.70): E



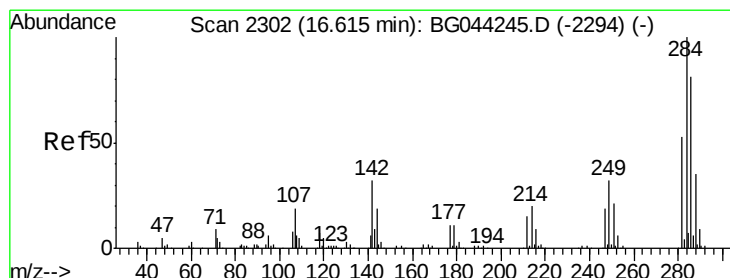
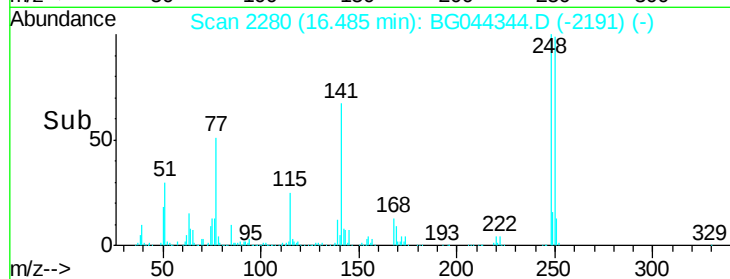
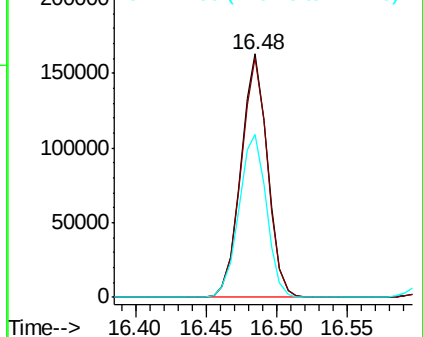


#67
4-Bromophenyl-phenylether
Concen: 41.085 ng
RT: 16.48 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BG044344.D
Acq: 7 Feb 2020 19:36

Tot Ion:248 Resp: 214761
Ion Ratio Lower Upper
248 100
250 98.6 76.6 114.8
141 67.2 54.7 82.1

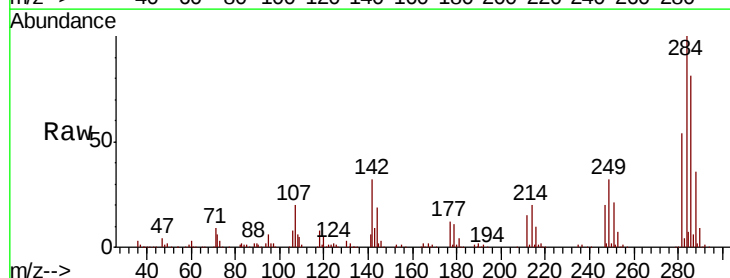


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

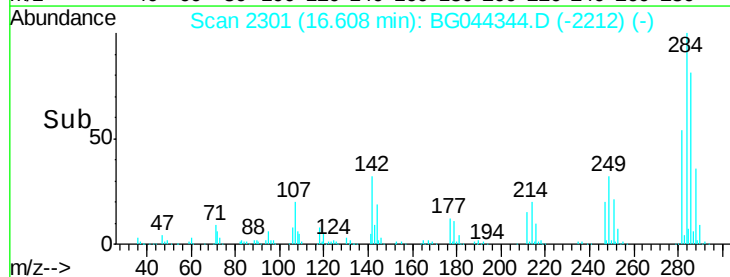
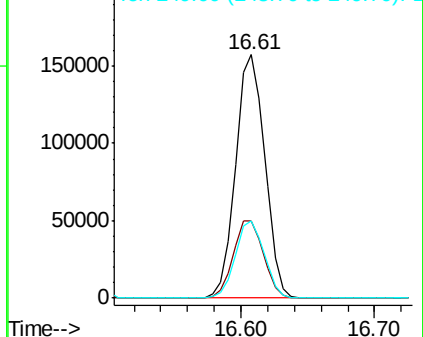


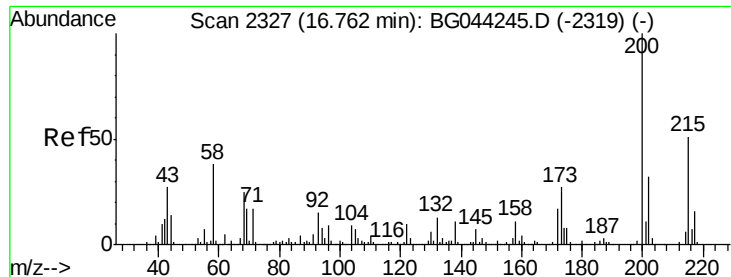
#68
Hexachlorobenzene
Concen: 40.657 ng
RT: 16.61 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BG044344.D
Acq: 7 Feb 2020 19:36

Tgt Ion:284 Resp: 238100
Ion Ratio Lower Upper
284 100
142 31.8 25.3 37.9
249 31.9 25.5 38.3



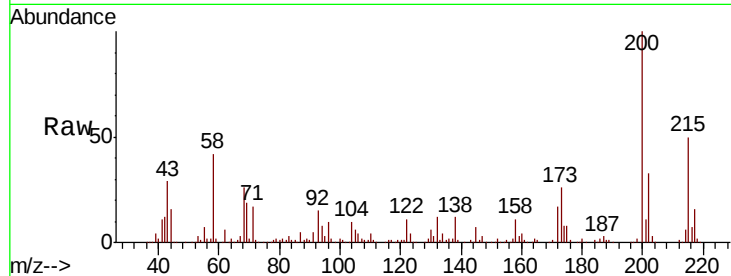
Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



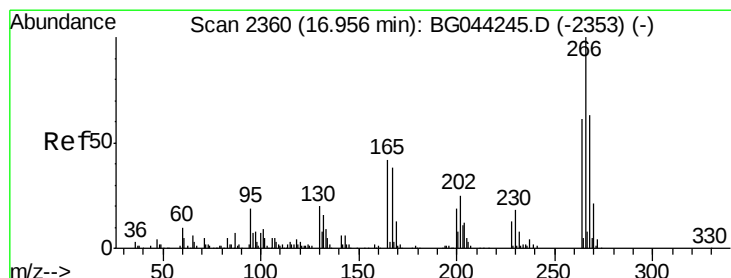
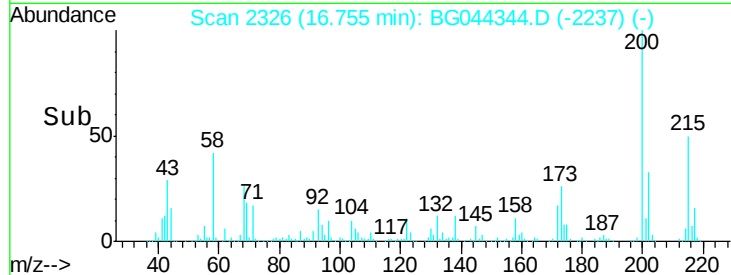
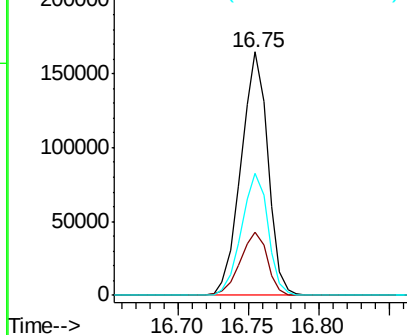


#69
 Atrazine
 Concen: 47.594 ng
 RT: 16.75 min Scan# 2326
 Delta R.T. -0.01 min
 Lab File: BG044344.D
 Acq: 7 Feb 2020 19:36

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.9	6.6	46.6
215	50.1	31.0	71.0

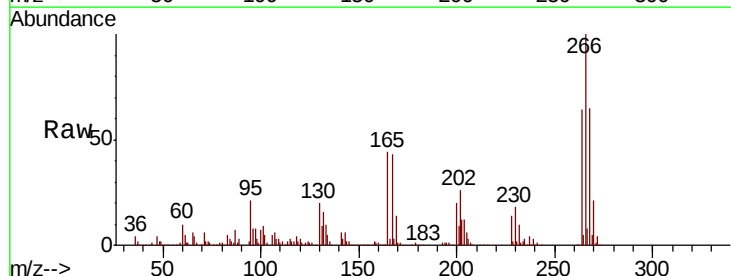


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

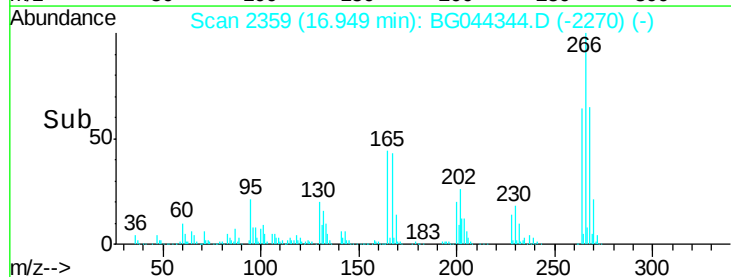
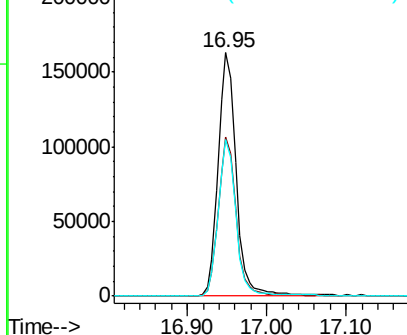


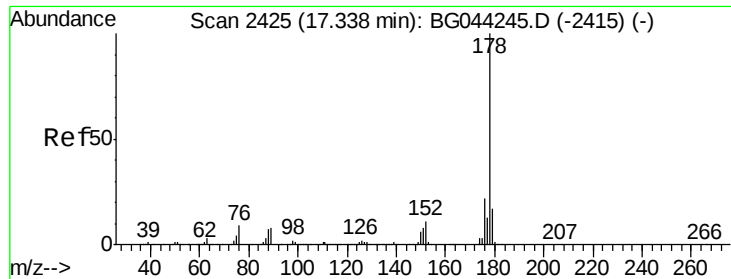
#70
 Pentachlorophenol
 Concen: 87.199 ng
 RT: 16.95 min Scan# 2359
 Delta R.T. -0.01 min
 Lab File: BG044344.D
 Acq: 7 Feb 2020 19:36

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.3	50.6	75.8
264	64.3	48.7	73.1



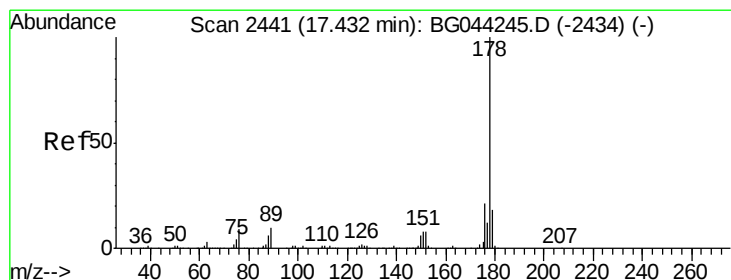
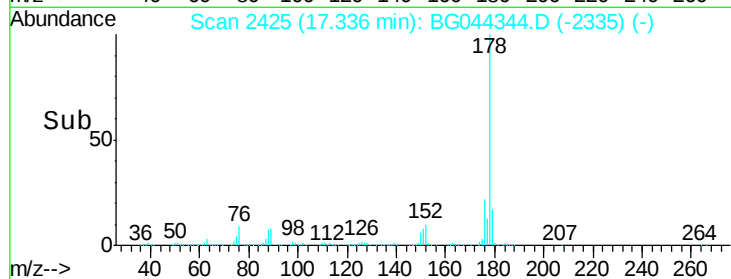
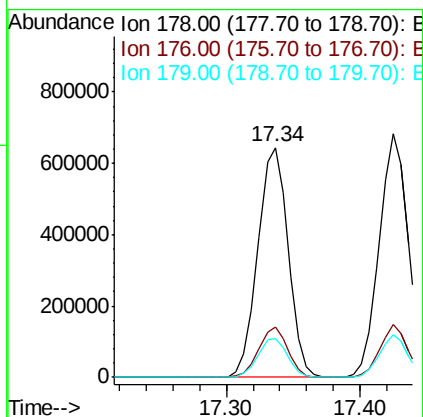
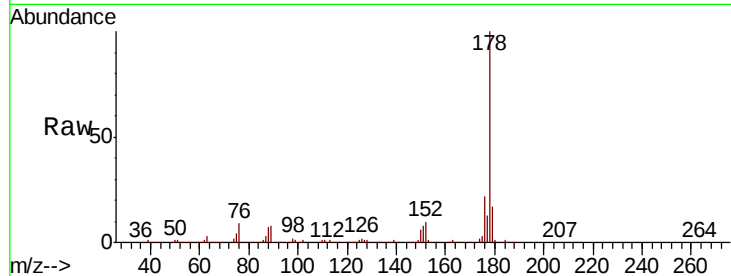
Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E





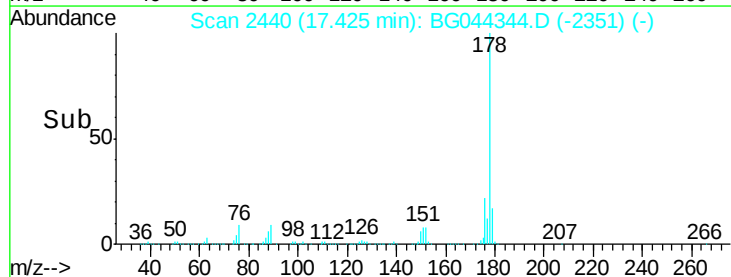
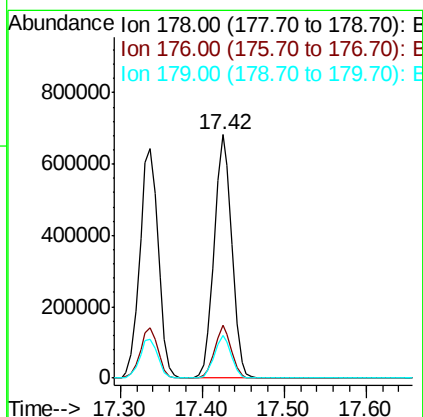
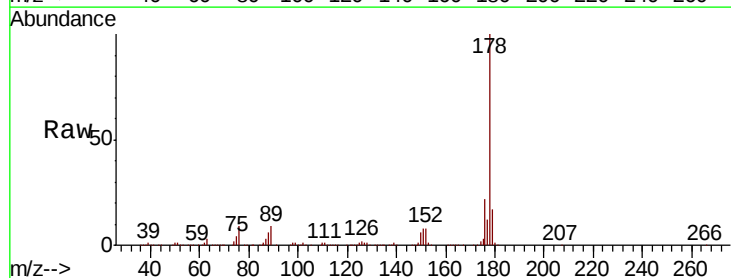
#71
Phenanthrene
Concen: 43.417 ng
RT: 17.34 min Scan# 2425
Delta R.T. -0.00 min
Lab File: BG044344.D
Acq: 7 Feb 2020 19:36

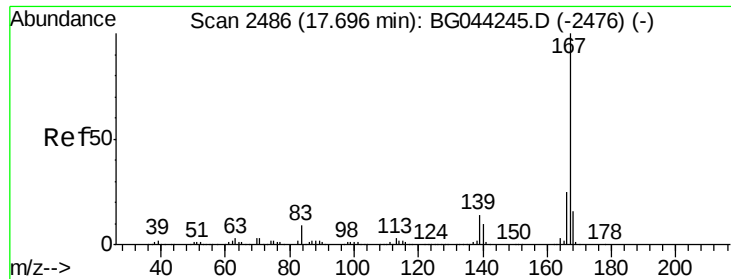
Tot Ion:178 Resp: 1008700
Ion Ratio Lower Upper
178 100
176 21.9 17.7 26.5
179 16.8 13.7 20.5



#72
Anthracene
Concen: 44.731 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG044344.D
Acq: 7 Feb 2020 19:36

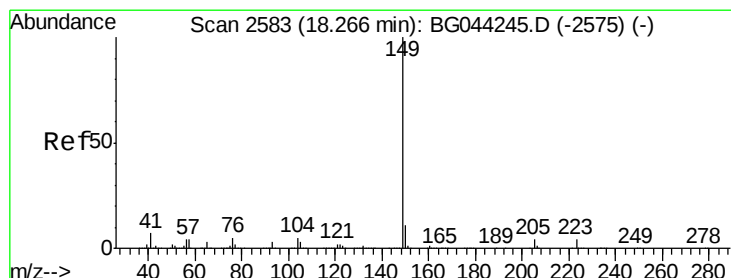
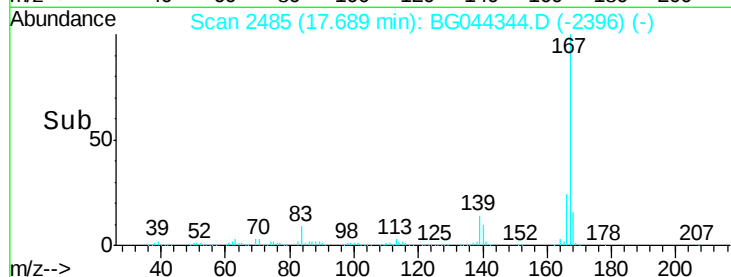
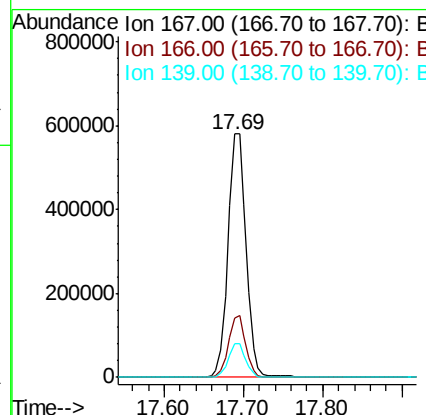
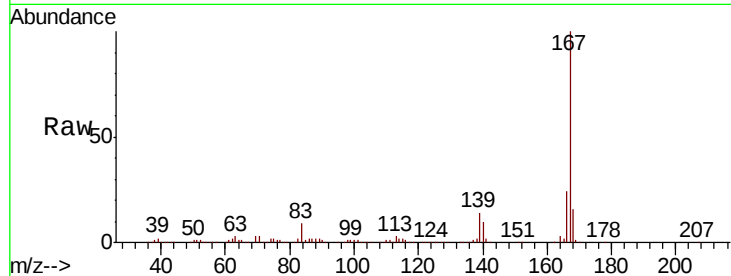
Tgt Ion:178 Resp: 1027450
Ion Ratio Lower Upper
178 100
176 21.7 17.0 25.4
179 17.4 14.4 21.6





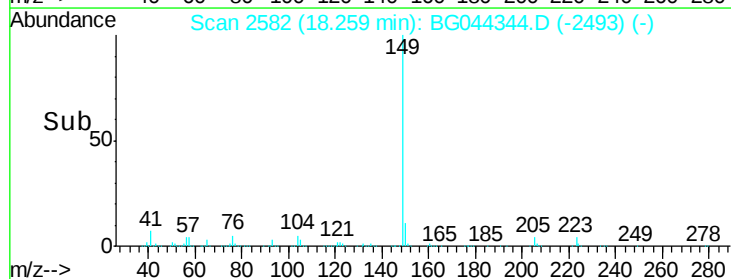
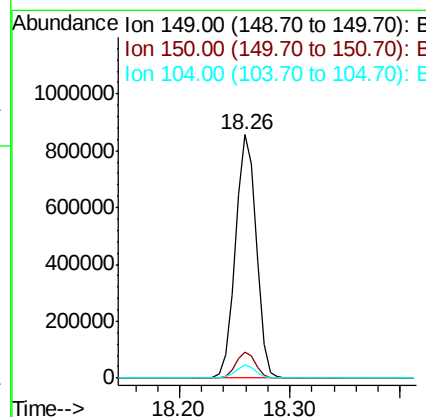
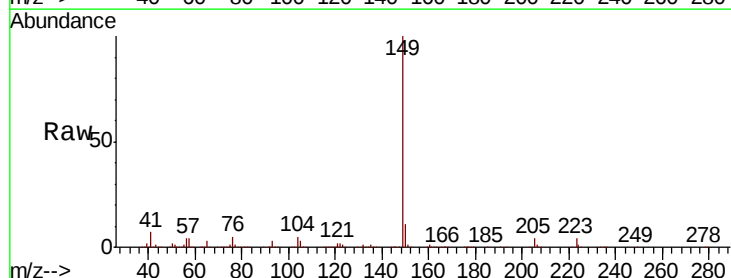
#73
 Carbazole
 Concen: 43.314 ng
 RT: 17.69 min Scan# 2485
 Delta R.T. -0.01 min
 Lab File: BG044344.D
 Acq: 7 Feb 2020 19:36

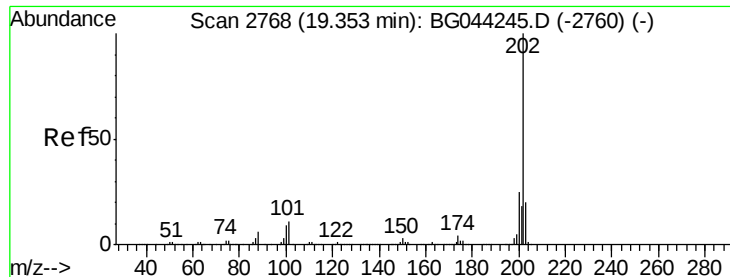
Tot Ion:167	Resp: 917196
Ion Ratio	Lower Upper
167 100	
166 24.2	19.8 29.6
139 14.0	11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 43.330 ng
 RT: 18.26 min Scan# 2582
 Delta R.T. -0.01 min
 Lab File: BG044344.D
 Acq: 7 Feb 2020 19:36

Tgt Ion:149	Resp: 1133842
Ion Ratio	Lower Upper
149 100	
150 10.6	8.7 13.1
104 5.4	4.3 6.5





#75

Fluoranthene

Concen: 44.598 ng

RT: 19.35 min Scan# 2767

Delta R.T. -0.01 min

Lab File: BG044344.D

Acq: 7 Feb 2020 19:36

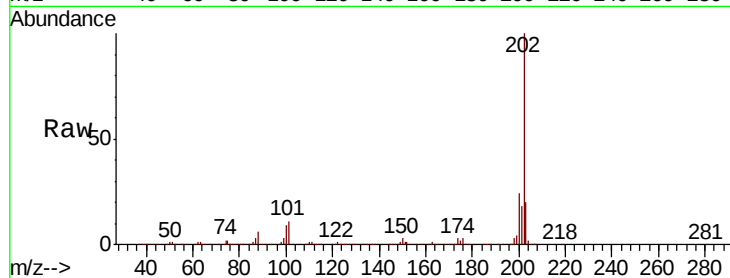
Tot Ion:202 Resp: 1198624

Ion Ratio Lower Upper

202 100

101 11.3 0.0 31.3

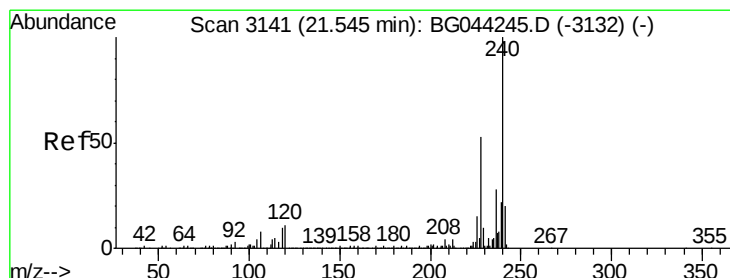
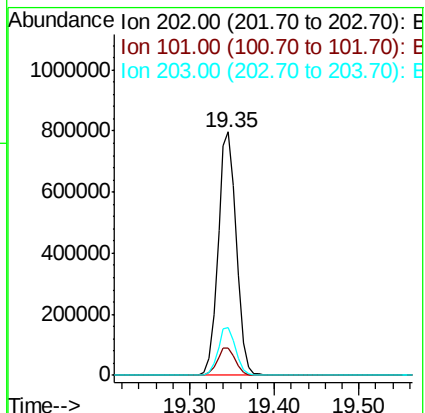
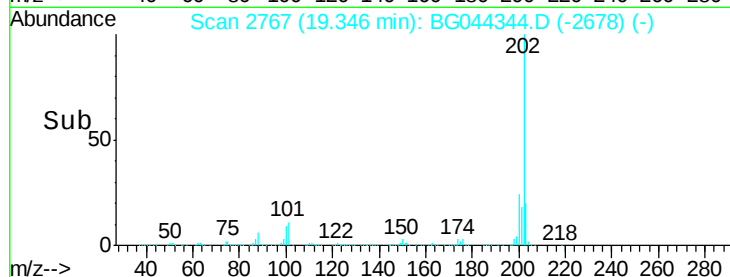
203 19.8 0.0 39.9



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: 21.54 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG044344.D

Acq: 7 Feb 2020 19:36

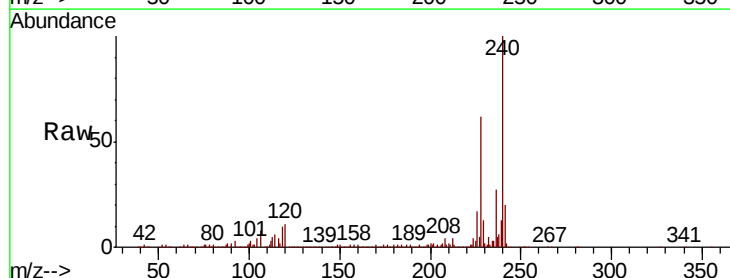
Tgt Ion:240 Resp: 442001

Ion Ratio Lower Upper

240 100

120 10.9 8.4 12.6

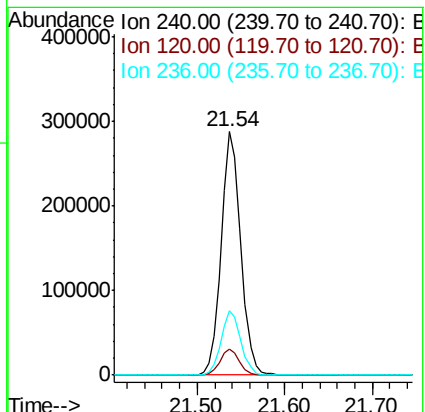
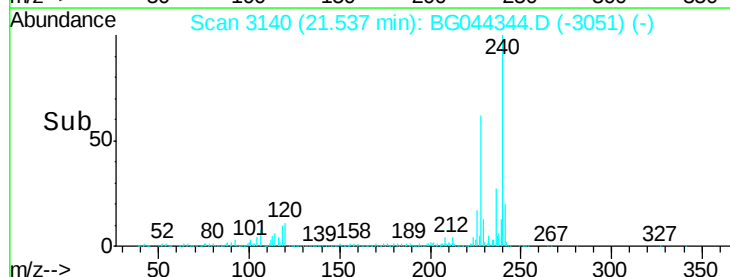
236 26.5 22.1 33.1



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: 18.059 ng

RT: 19.52 min Scan# 2797

Delta R.T. -0.01 min

Lab File: BG044344.D

Acq: 7 Feb 2020 19:36

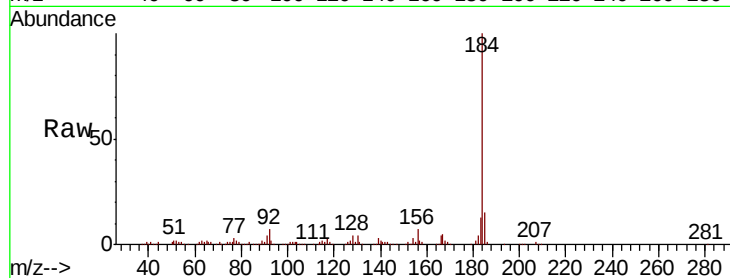
Tot Ion:184 Resp: 221398

Ion Ratio Lower Upper

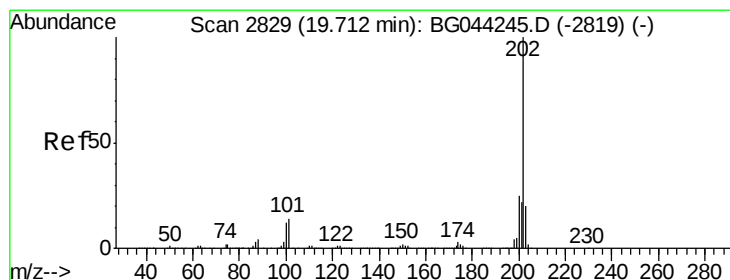
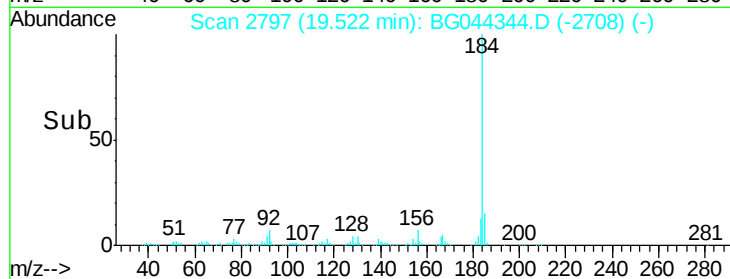
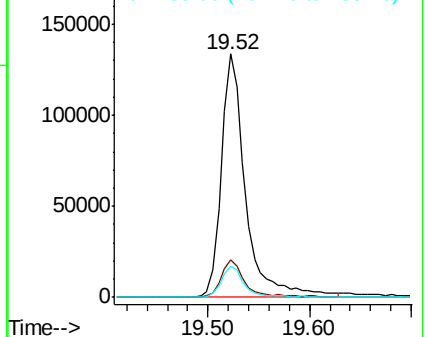
184 100

185 15.2 12.9 19.3

183 12.8 10.8 16.2



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: 42.009 ng

RT: 19.70 min Scan# 2828

Delta R.T. -0.01 min

Lab File: BG044344.D

Acq: 7 Feb 2020 19:36

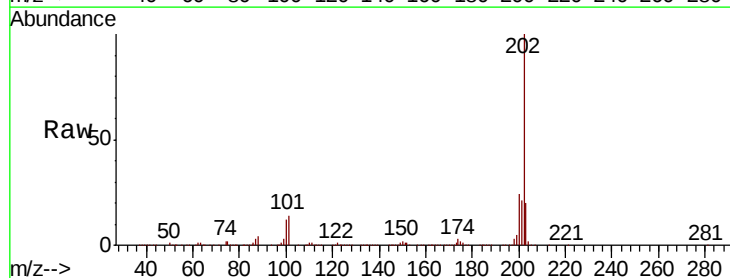
Tgt Ion:202 Resp: 1192437

Ion Ratio Lower Upper

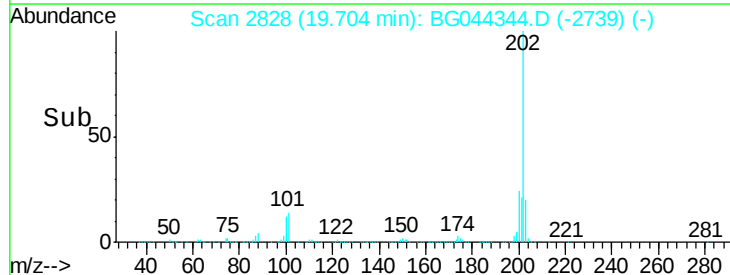
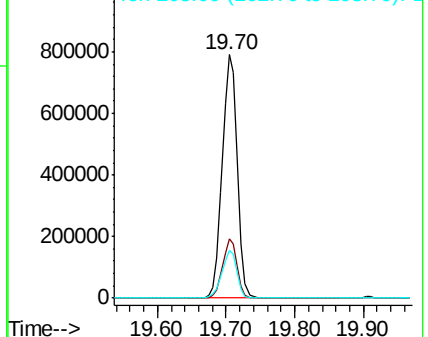
202 100

200 24.2 20.0 30.0

203 19.7 16.2 24.2



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: 64.284 ng

RT: 19.91 min Scan# 2863

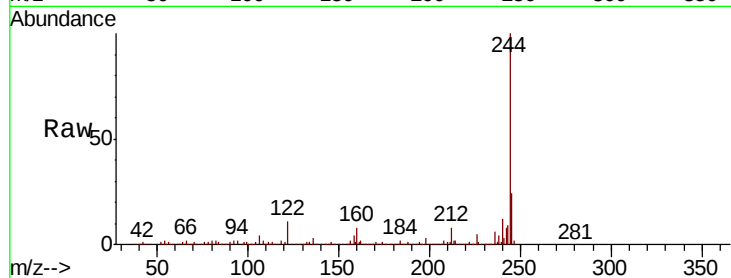
Delta R.T. -0.01 min

Lab File: BG044344.D

Acq: 7 Feb 2020 19:36

Tot Ion:244 Resp: 1381398

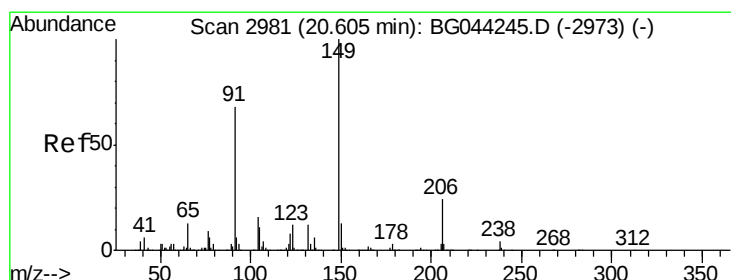
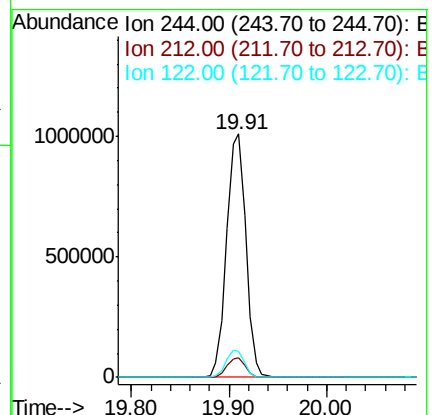
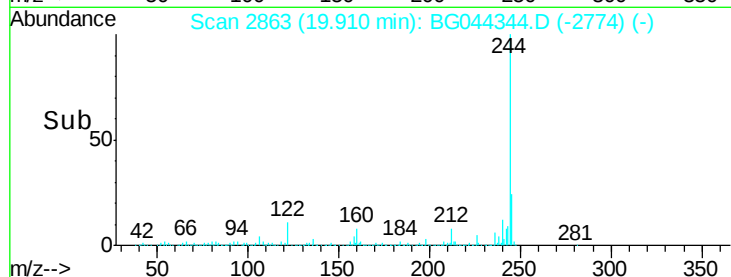
Ion	Ratio	Lower	Upper
244	100		
212	8.2	7.4	11.2
122	10.9	9.8	14.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.244 ng

RT: 20.60 min Scan# 2980

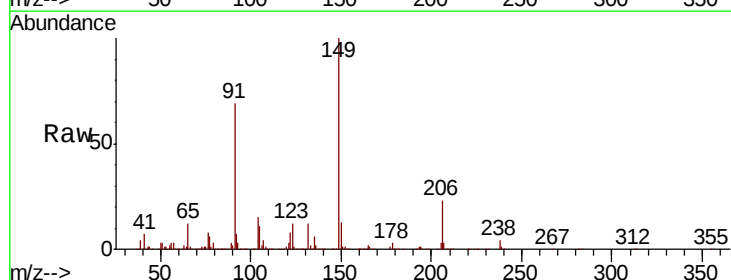
Delta R.T. -0.01 min

Lab File: BG044344.D

Acq: 7 Feb 2020 19:36

Tgt Ion:149 Resp: 520583

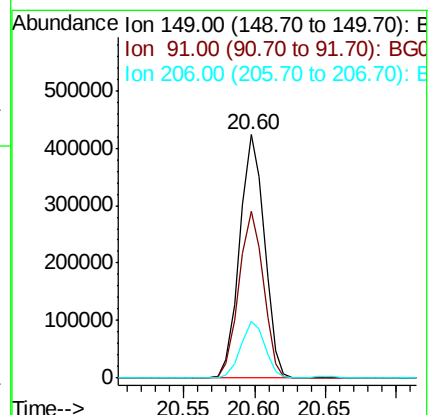
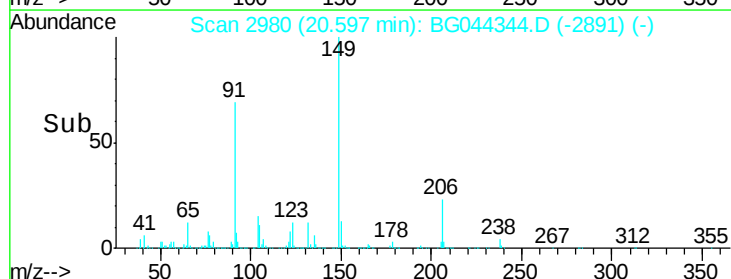
Ion	Ratio	Lower	Upper
149	100		
91	68.6	54.5	81.7
206	23.1	19.1	28.7

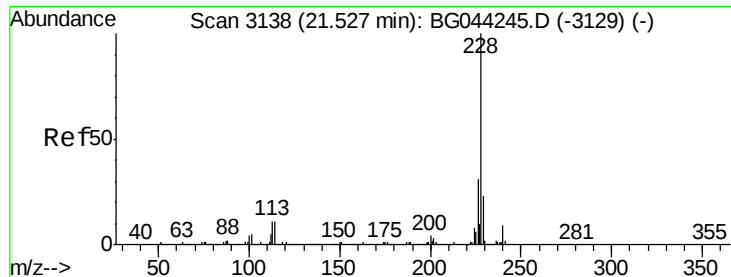


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.530 ng

RT: 21.52 min Scan# 3137

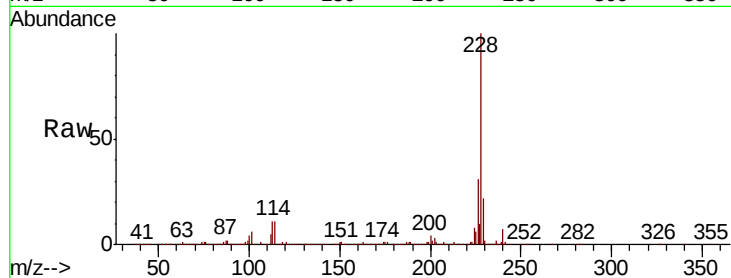
Delta R.T. -0.01 min

Lab File: BG044344.D

Acq: 7 Feb 2020 19:36

Tot Ion:228 Resp: 1104063

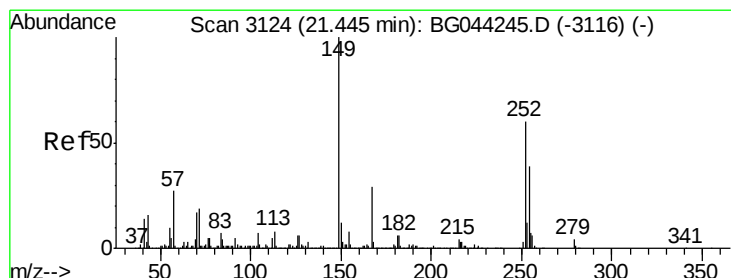
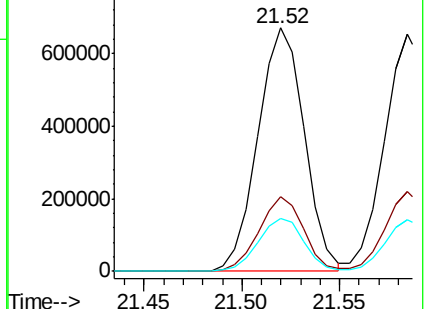
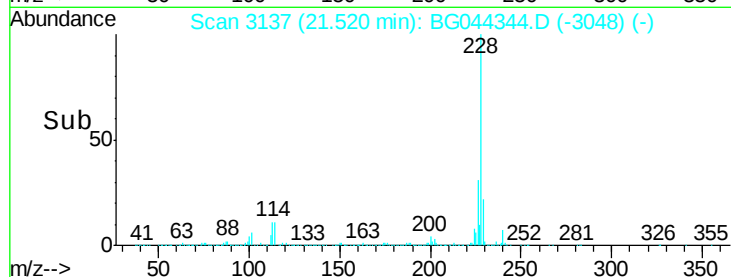
Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.7	37.1
229	21.8	18.2	27.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 21.270 ng

RT: 21.44 min Scan# 3123

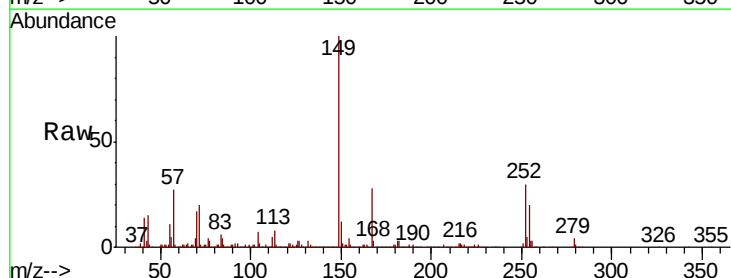
Delta R.T. -0.01 min

Lab File: BG044344.D

Acq: 7 Feb 2020 19:36

Tgt Ion:252 Resp: 224882

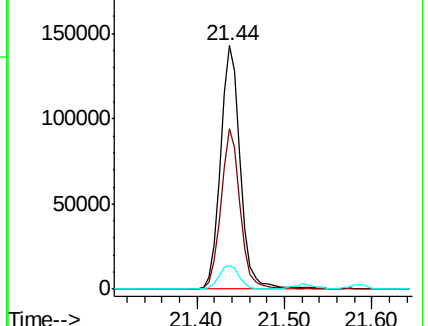
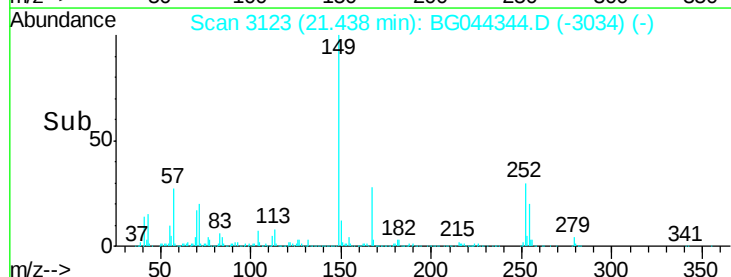
Ion	Ratio	Lower	Upper
252	100		
254	65.9	52.6	78.8
126	9.9	8.2	12.4

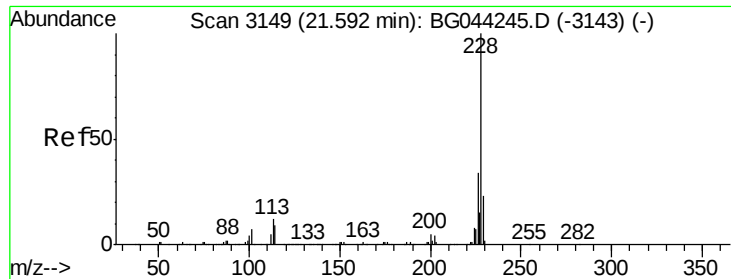


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 40.808 ng

RT: 21.58 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG044344.D

Acq: 7 Feb 2020 19:36

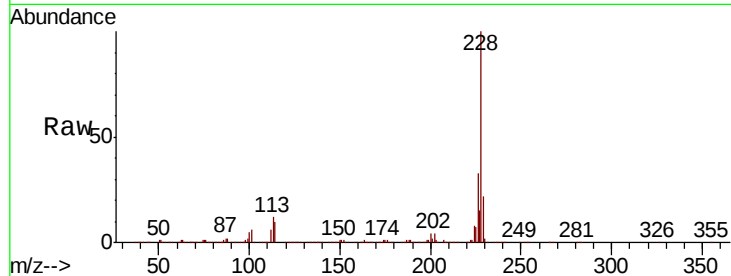
Tot Ion:228 Resp: 1074521

Ion Ratio Lower Upper

228 100

226 33.5 27.1 40.7

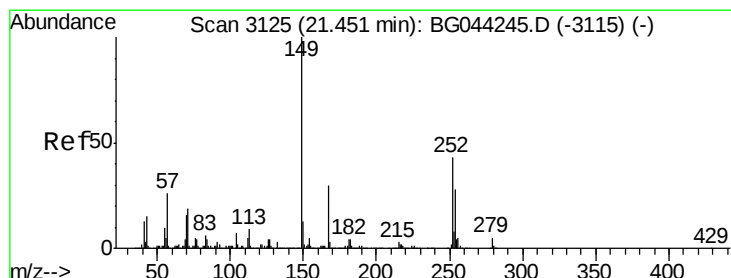
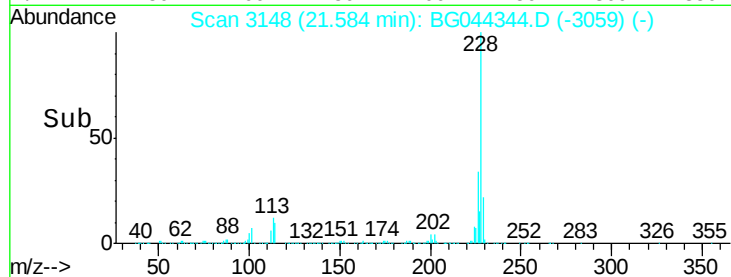
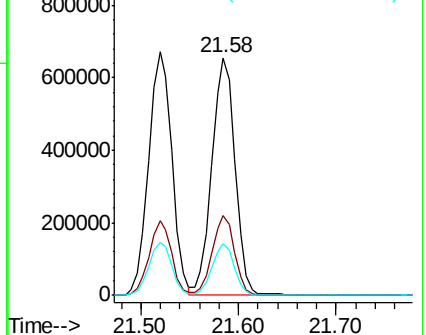
229 22.0 17.9 26.9



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: 41.170 ng

RT: 21.44 min Scan# 3124

Delta R.T. -0.01 min

Lab File: BG044344.D

Acq: 7 Feb 2020 19:36

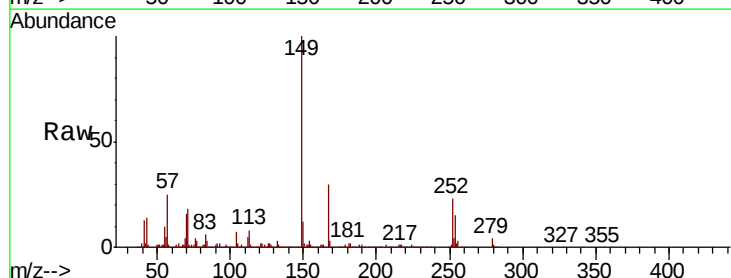
Tgt Ion:149 Resp: 733022

Ion Ratio Lower Upper

149 100

167 30.0 24.0 36.0

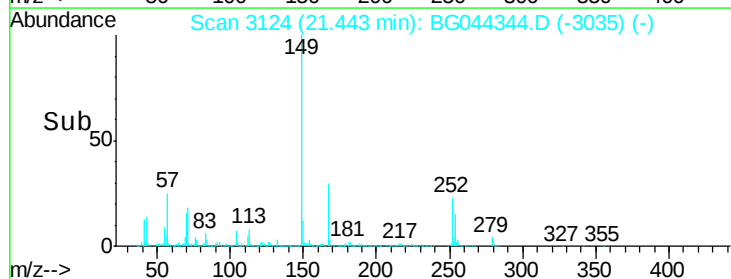
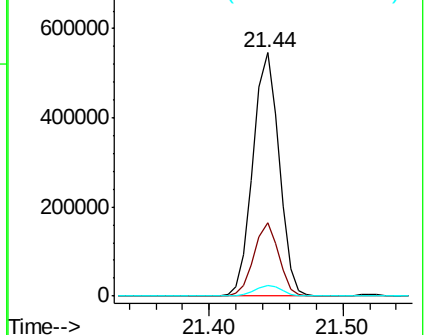
279 4.5 3.8 5.8

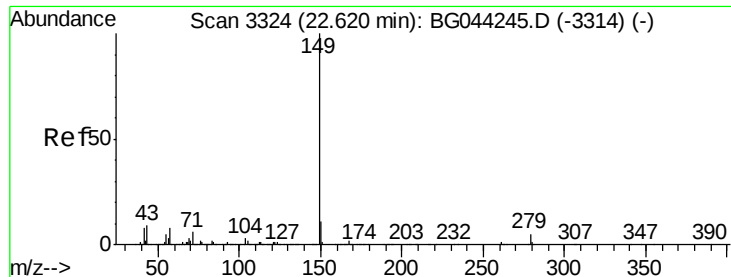


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.553 ng

RT: 22.61 min Scan# 3323

Delta R.T. -0.01 min

Lab File: BG044344.D

Acq: 7 Feb 2020 19:36

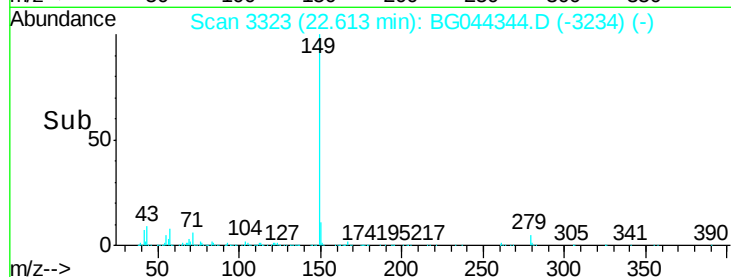
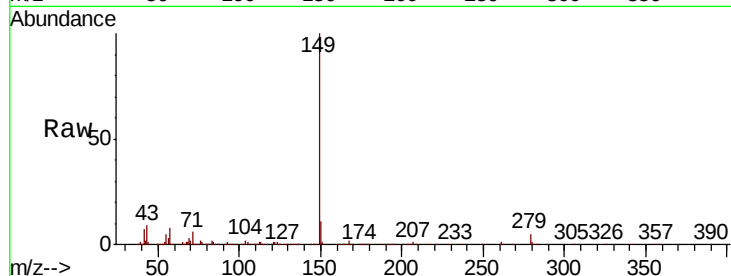
Tot Ion:149 Resp: 1280091

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

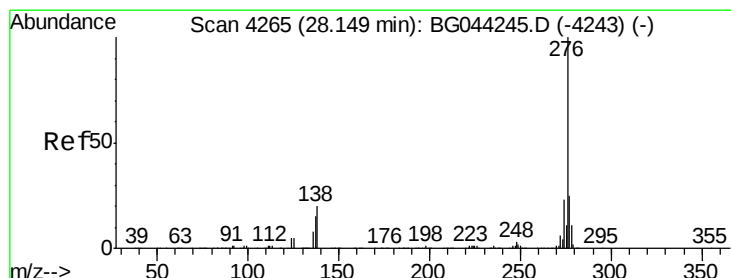
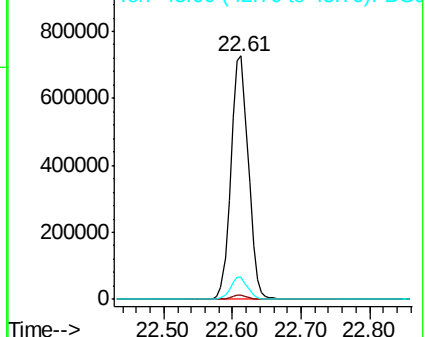
43 8.9 7.4 11.0



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): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.785 ng

RT: 28.14 min Scan# 4263

Delta R.T. -0.01 min

Lab File: BG044344.D

Acq: 7 Feb 2020 19:36

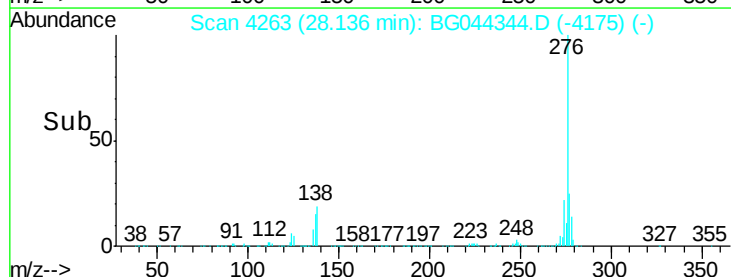
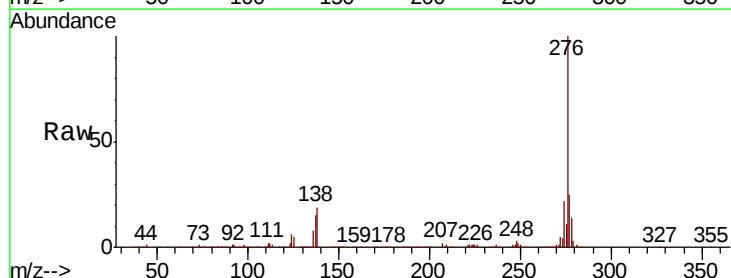
Tgt Ion:276 Resp: 1366727

Ion Ratio Lower Upper

276 100

138 24.5 19.4 29.0

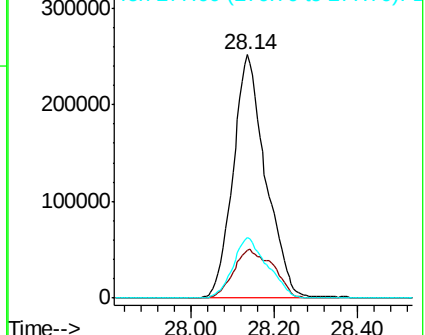
277 26.2 21.0 31.6

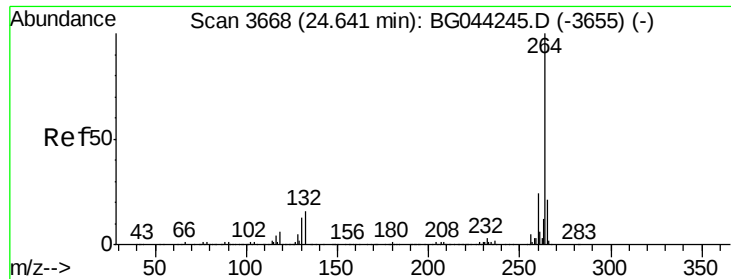


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

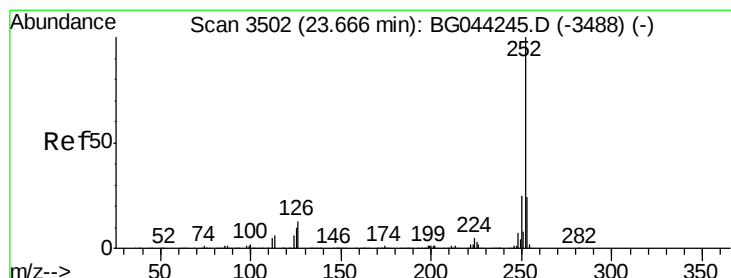
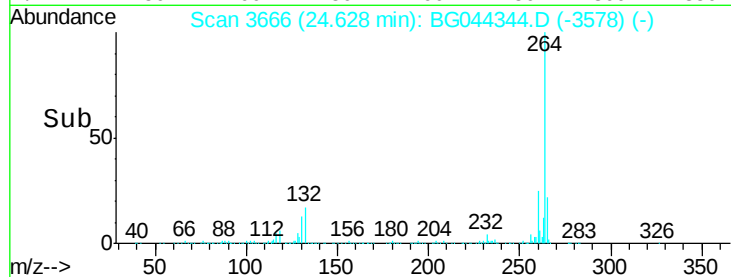
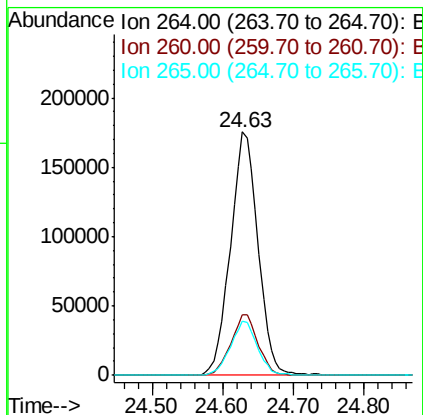
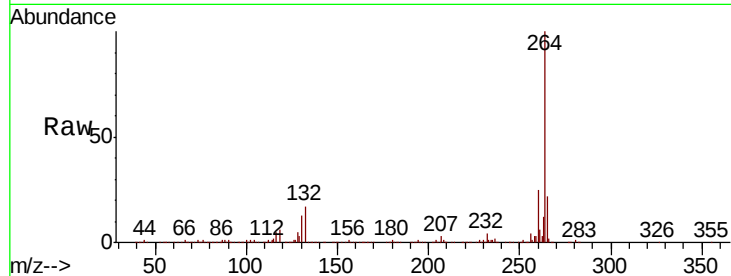




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.63 min Scan# 3666
Delta R.T. -0.01 min
Lab File: BG044344.D
Acq: 7 Feb 2020 19:36

Tot Ion:264 Resp: 475264

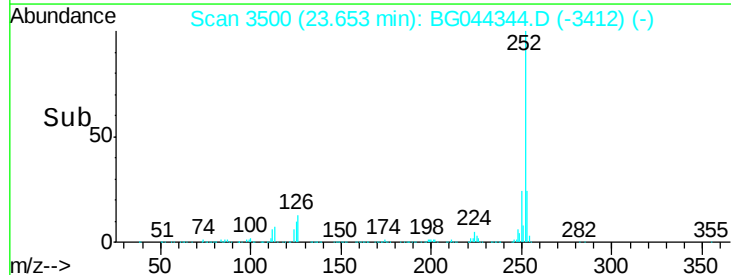
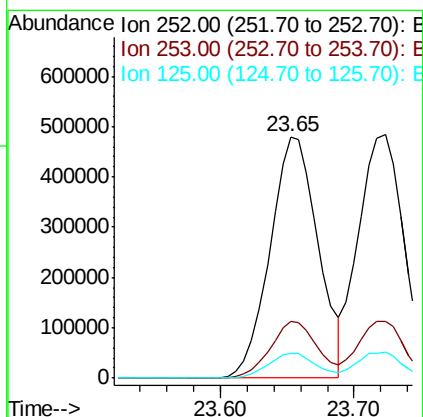
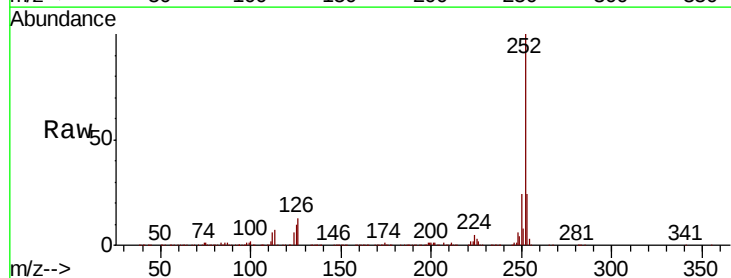
Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.2
265	22.3	16.7	25.1

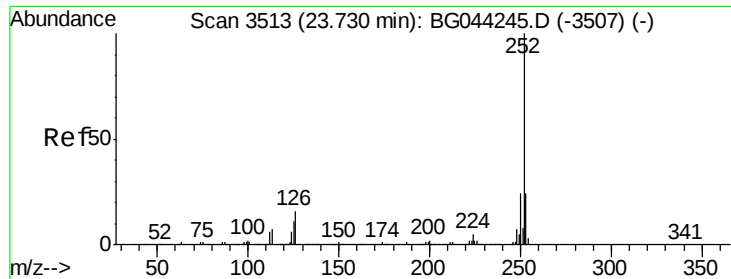


#88
Benzo(b)fluoranthene
Concen: 43.732 ng
RT: 23.65 min Scan# 3500
Delta R.T. -0.01 min
Lab File: BG044344.D
Acq: 7 Feb 2020 19:36

Tgt Ion:252 Resp: 1197669

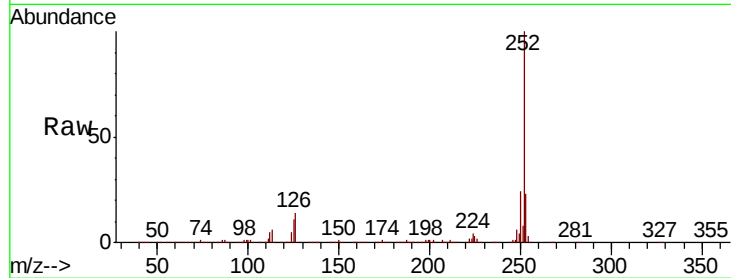
Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.2	28.8
125	10.4	8.4	12.6



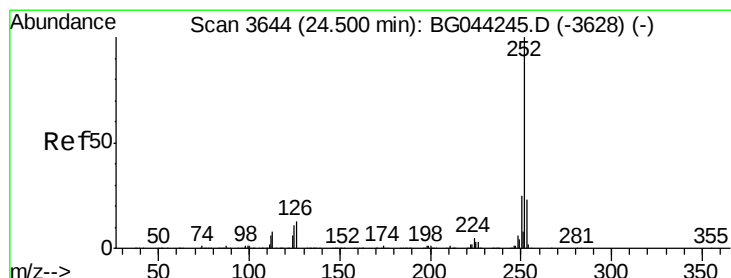
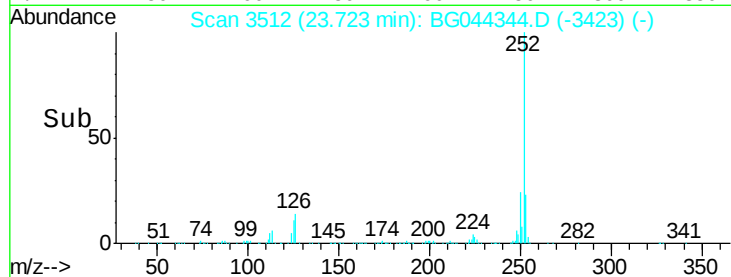
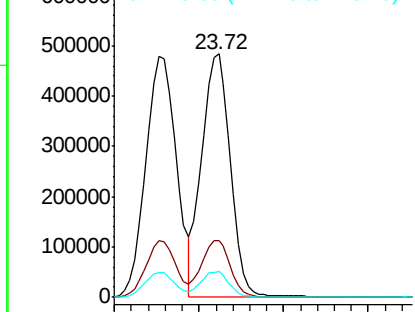


#89
Benzo(k)fluoranthene
Concen: 42.802 ng
RT: 23.72 min Scan# 3512
Delta R.T. -0.01 min
Lab File: BG044344.D
Acq: 7 Feb 2020 19:36

Tot Ion:252 Resp: 1142454
Ion Ratio Lower Upper
252 100
253 23.4 19.1 28.7
125 10.6 8.6 12.8

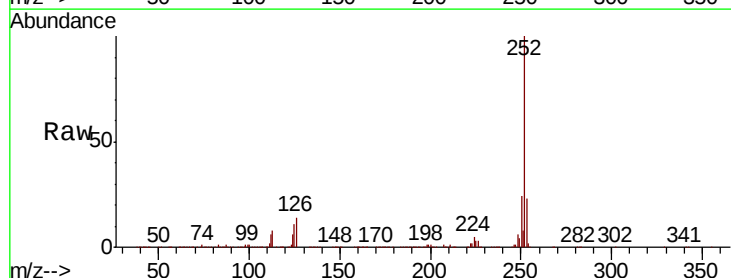


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

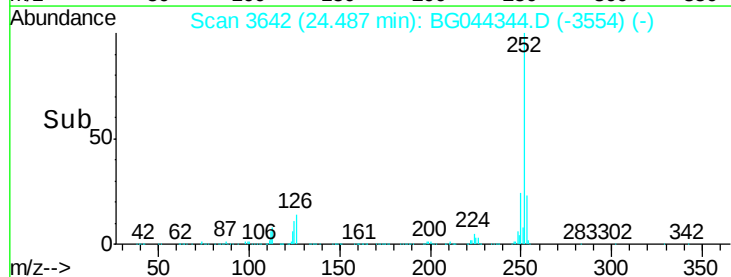
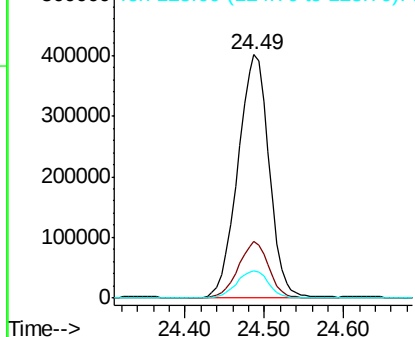


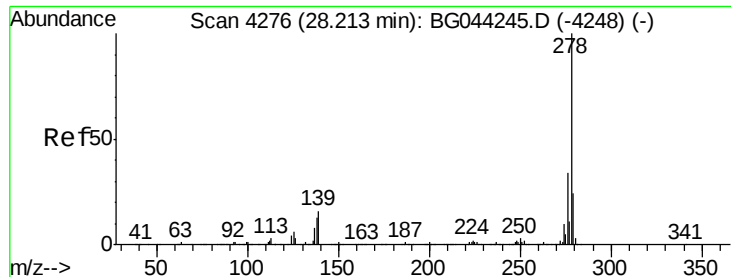
#90
Benzo(a)pyrene
Concen: 42.277 ng
RT: 24.49 min Scan# 3642
Delta R.T. -0.01 min
Lab File: BG044344.D
Acq: 7 Feb 2020 19:36

Tgt Ion:252 Resp: 1094709
Ion Ratio Lower Upper
252 100
253 23.1 18.1 27.1
125 11.4 8.6 13.0



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

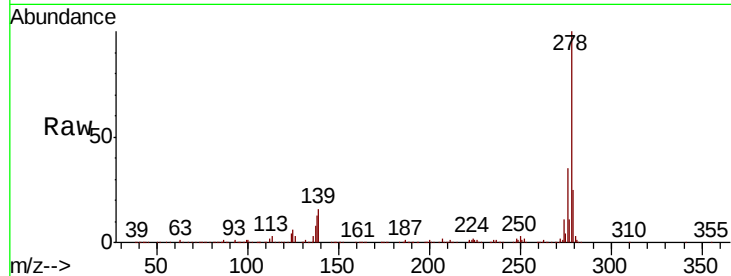




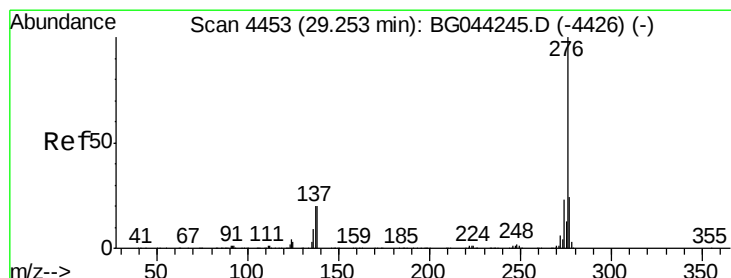
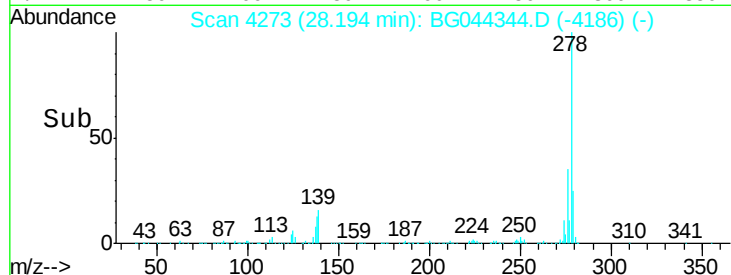
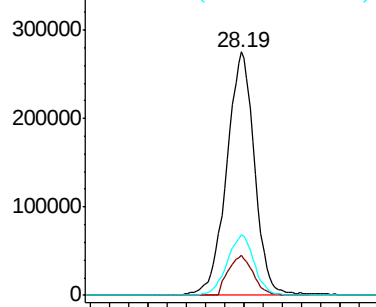
#91
Dibenzo(a,h)anthracene
Concen: 43.445 ng
RT: 28.19 min Scan# 4273
Delta R.T. -0.02 min
Lab File: BG044344.D
Acq: 7 Feb 2020 19:36

Tot Ion:278 Resp: 1113318

Ion	Ratio	Lower	Upper
278	100		
139	16.3	12.7	19.1
279	24.7	19.3	28.9



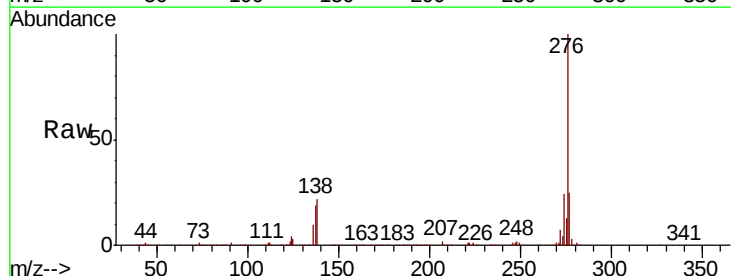
Abundance Ion 278.00 (277.70 to 278.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 45.008 ng
RT: 29.23 min Scan# 4449
Delta R.T. -0.02 min
Lab File: BG044344.D
Acq: 7 Feb 2020 19:36

Tgt Ion:276 Resp: 1154618

Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.8	28.2
138	21.9	16.2	24.2



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

