

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020720\
 Data File : BG044345.D
 Acq On : 7 Feb 2020 20:15
 Operator : CG/JU
 Sample : L1431-07MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Feb 08 02:34:55 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	84556	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	350231	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	216907	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	469259	20.00	ng	0.00
76) Chrysene-d12	21.54	240	440907	20.00	ng	0.00
87) Perylene-d12	24.63	264	475560	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	546819	114.13	ng	0.00
7) Phenol-d6	7.09	99	712994	110.82	ng	0.00
23) Nitrobenzene-d5	9.07	82	421931	68.01	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	268122	105.30	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	922596	71.23	ng	0.00
79) Terphenyl-d14	19.91	244	1380249	64.39	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.38	88	90223	41.913	ng	100
3) Pyridine	3.77	79	219053	38.195	ng	98
4) n-Nitrosodimethylamine	3.69	42	107190	44.727	ng	98
6) Aniline	7.24	93	210209	26.322	ng	97
8) 2-Chlorophenol	7.48	128	267536	50.808	ng	99
9) Benzaldehyde	7.04	77	120219	32.809	ng	95
10) Phenol	7.11	94	326864	51.335	ng	99
11) bis(2-Chloroethyl)ether	7.33	93	243769	44.781	ng	97
12) 1,3-Dichlorobenzene	7.80	146	279391	44.440	ng	99
13) 1,4-Dichlorobenzene	7.95	146	278675	44.754	ng	99
14) 1,2-Dichlorobenzene	8.27	146	264948	45.017	ng	99
15) Benzyl Alcohol	8.15	79	214788	47.155	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.44	45	317932	43.151	ng	98
17) 2-Methylphenol	8.36	107	223151	49.120	ng	98
18) Hexachloroethane	8.99	117	102314	43.787	ng	96
19) n-Nitroso-di-n-propylamine	8.72	70	187378	43.700	ng	98
20) 3+4-Methylphenols	8.69	107	304765	48.678	ng	99
22) Acetophenone	8.73	105	353652	41.508	ng	99
24) Nitrobenzene	9.11	77	266581	44.017	ng	100
25) Isophorone	9.64	82	506684	43.821	ng	100
26) 2-Nitrophenol	9.82	139	148891	47.380	ng	99
27) 2,4-Dimethylphenol	9.89	122	239921	54.085	ng	99
28) bis(2-Chloroethoxy)methane	10.12	93	325447	42.192	ng	99
29) 2,4-Dichlorophenol	10.36	162	252964	47.161	ng	99
30) 1,2,4-Trichlorobenzene	10.58	180	262632	42.701	ng	100
31) Naphthalene	10.76	128	760431	44.752	ng	99
32) Benzoic acid	10.05	122	98370	37.898	ng	94
33) 4-Chloroaniline	10.87	127	102235	13.229	ng	99
34) Hexachlorobutadiene	11.06	225	156441	41.337	ng	99
35) Caprolactam	11.63	113	47033	23.937	ng	96
36) 4-Chloro-3-methylphenol	12.00	107	257760	45.834	ng	98
37) 2-Methylnaphthalene	12.37	142	555039	43.994	ng	99
38) 1-Methylnaphthalene	12.59	142	527923	44.384	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.74	216	272742	42.035	ng	98

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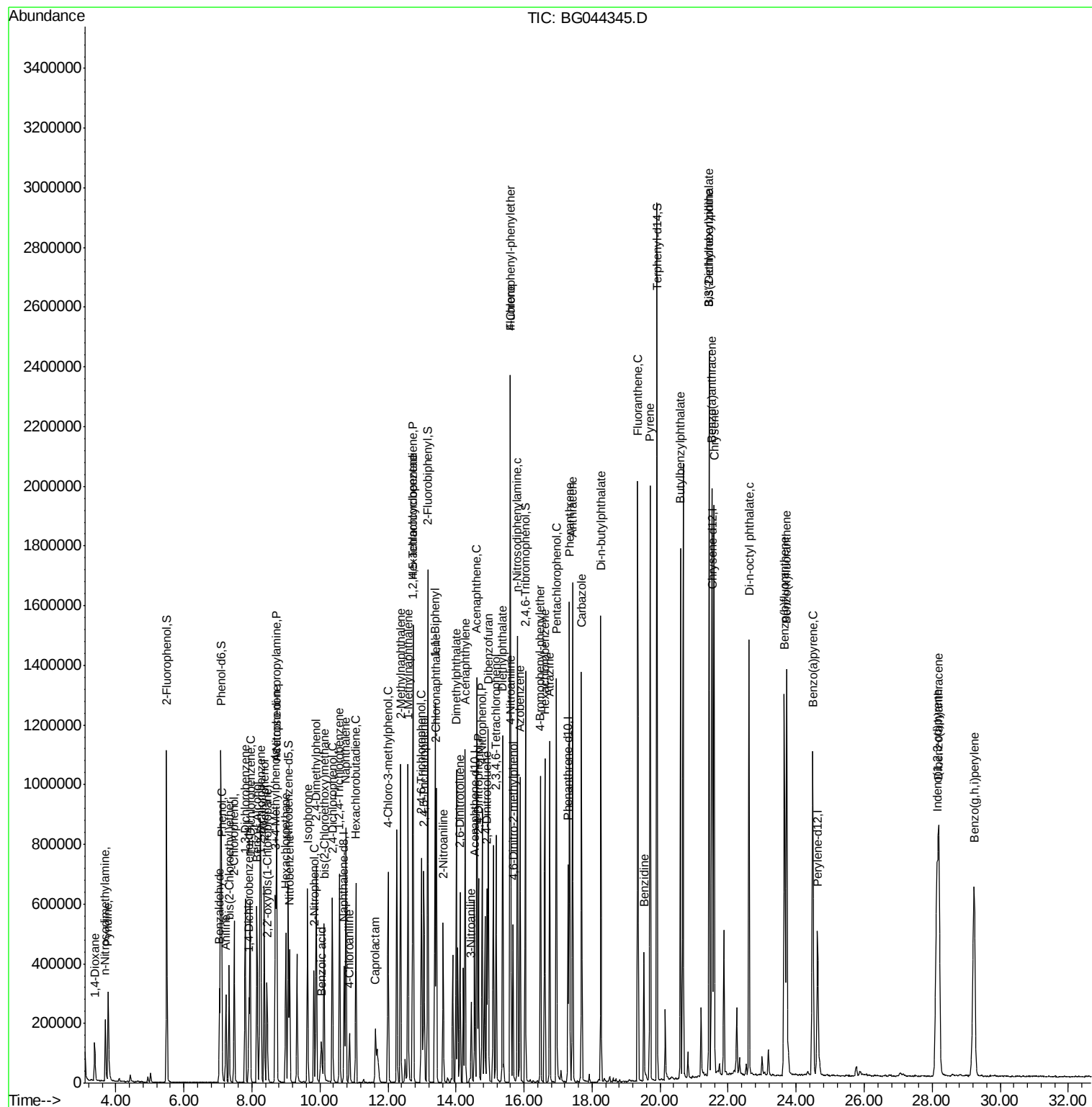
Quant Time: Feb 08 02:34:55 2020
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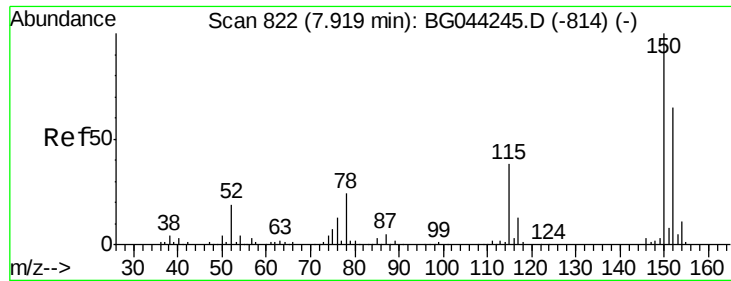
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.73	237	339467	109.037	ng	100
43) 2,4,6-Trichlorophenol	12.98	196	196490	46.851	ng	99
44) 2,4,5-Trichlorophenol	13.05	196	213435	49.825	ng	98
46) 1,1'-Biphenyl	13.38	154	696851	44.539	ng	99
47) 2-Chloronaphthalene	13.42	162	541714	43.511	ng	99
48) 2-Nitroaniline	13.62	65	156914	42.706	ng	100
49) Acenaphthylene	14.27	152	853894	46.761	ng	98
50) Dimethylphthalate	14.01	163	712889	45.722	ng	100
51) 2,6-Dinitrotoluene	14.12	165	157474	45.297	ng	98
52) Acenaphthene	14.61	154	530382	44.810	ng	99
53) 3-Nitroaniline	14.45	138	79707	20.724	ng	99
54) 2,4-Dinitrophenol	14.66	184	182435	87.746	ng	97
55) Dibenzofuran	14.95	168	811840	45.302	ng	99
56) 4-Nitrophenol	14.77	139	289442	102.735	ng	99
57) 2,4-Dinitrotoluene	14.91	165	216757	44.485	ng	96
58) Fluorene	15.60	166	638404	45.229	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.18	232	181354	46.870	ng	99
60) Diethylphthalate	15.37	149	685372	44.115	ng	100
61) 4-Chlorophenyl-phenylether	15.59	204	336956	44.028	ng	98
62) 4-Nitroaniline	15.62	138	154157	40.111	ng	95
63) Azobenzene	15.88	77	609908	44.792	ng	100
65) 4,6-Dinitro-2-methylphenol	15.68	198	136077	52.533	ng	97
66) n-Nitrosodiphenylamine	15.80	169	598986	45.548	ng	98
67) 4-Bromophenyl-phenylether	16.49	248	219014	42.839	ng	98
68) Hexachlorobenzene	16.61	284	242121	42.272	ng	99
69) Atrazine	16.76	200	227637	50.503	ng	99
70) Pentachlorophenol	16.95	266	272254	93.447	ng	96
71) Phenanthrene	17.34	178	1030741	45.361	ng	99
72) Anthracene	17.43	178	1045650	46.545	ng	99
73) Carbazole	17.69	167	946412	45.697	ng	100
74) Di-n-butylphthalate	18.26	149	1169582	45.699	ng	99
75) Fluoranthene	19.34	202	1235668	47.008	ng	99
77) Benzidine	19.52	184	292879	23.948	ng	98
78) Pyrene	19.71	202	1235834	43.646	ng	99
80) Butylbenzylphthalate	20.60	149	538891	41.763	ng	99
81) Benzo(a)anthracene	21.52	228	1166098	42.913	ng	99
82) 3,3'-Dichlorobenzidine	21.44	252	235039	22.286	ng	100
83) Chrysene	21.59	228	1112261	42.346	ng	100
84) Bis(2-ethylhexyl)phthalate	21.44	149	765221	43.085	ng	100
85) Di-n-octyl phthalate	22.61	149	1330639	43.301	ng	100
86) Indeno(1,2,3-cd)pyrene	28.14	276	1431178	41.765	ng	100
88) Benzo(b)fluoranthene	23.65	252	1260052	45.982	ng	99
89) Benzo(k)fluoranthene	23.72	252	1202401	45.020	ng	100
90) Benzo(a)pyrene	24.49	252	1151908	44.459	ng	99
91) Dibenzo(a,h)anthracene	28.20	278	1177012	45.902	ng	99
92) Benzo(g,h,i)perylene	29.23	276	1200806	46.780	ng	99

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

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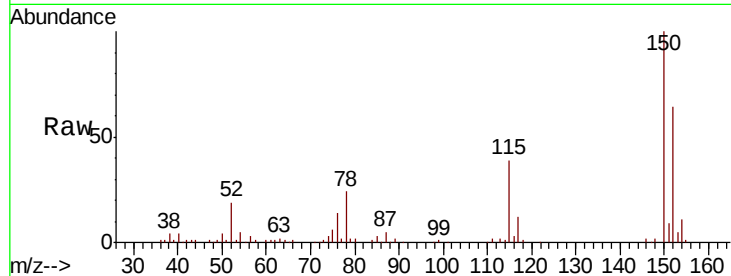




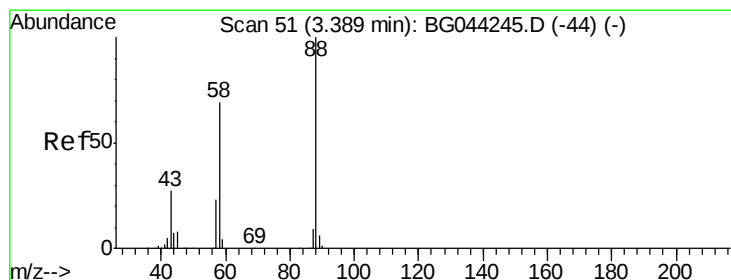
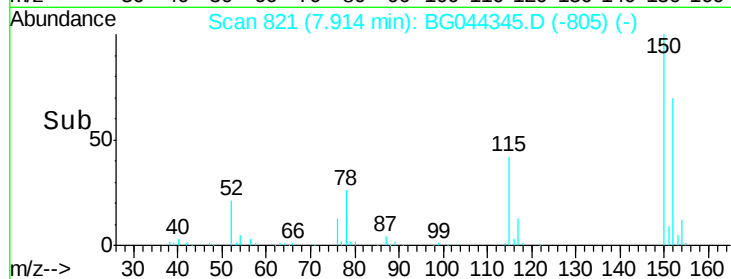
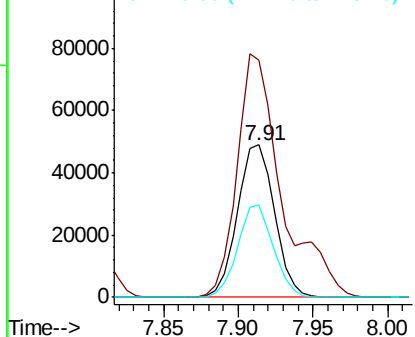
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	122.6	183.8
115	60.3	46.0	69.0



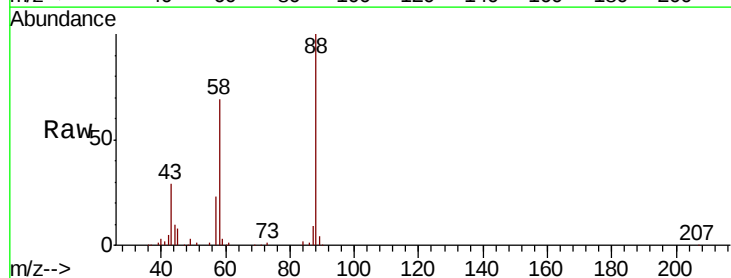
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



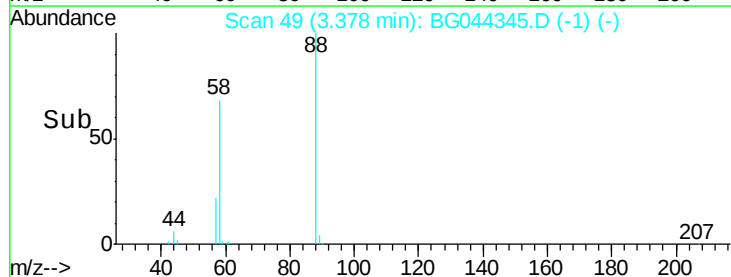
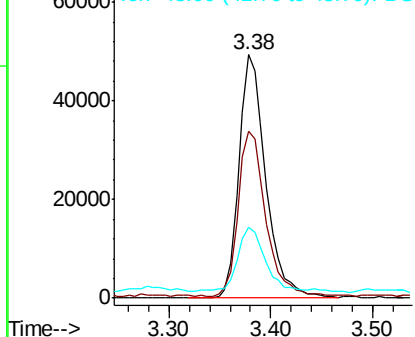
#2

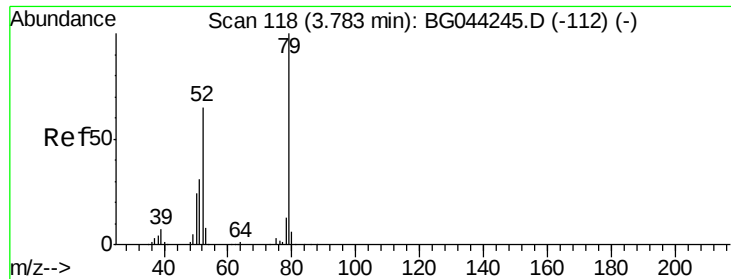
1,4-Dioxane
Concen: 41.913 ng
RT: 3.38 min Scan# 49
Delta R.T. -0.01 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.3	55.8	83.6
43	27.2	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: 38.195 ng

RT: 3.77 min Scan# 116

Delta R.T. -0.01 min

Lab File: BG044345.D

Acq: 7 Feb 2020 20:15

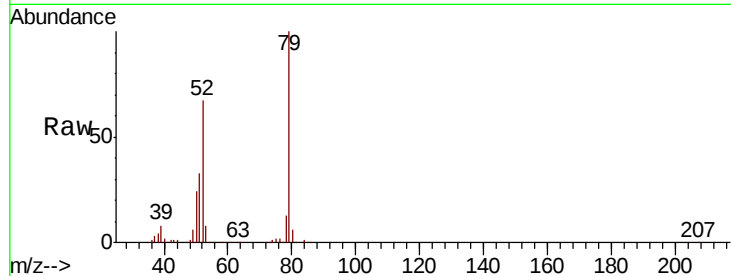
Tot Ion: 79 Resp: 219053

Ion Ratio Lower Upper

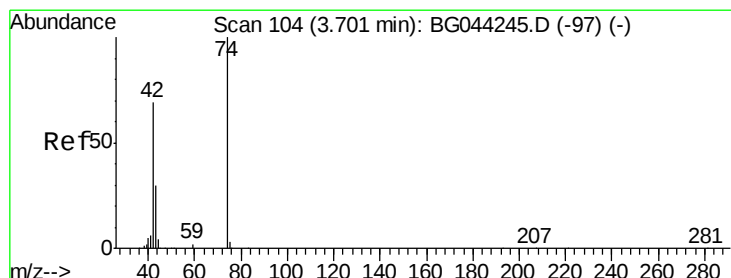
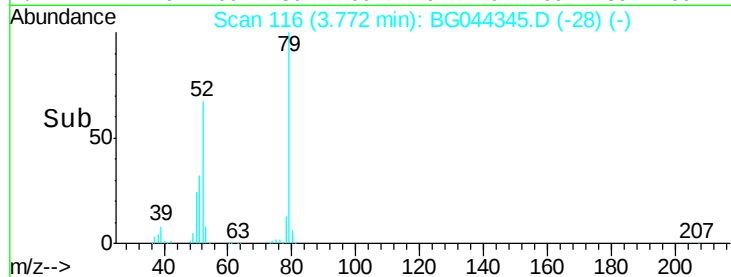
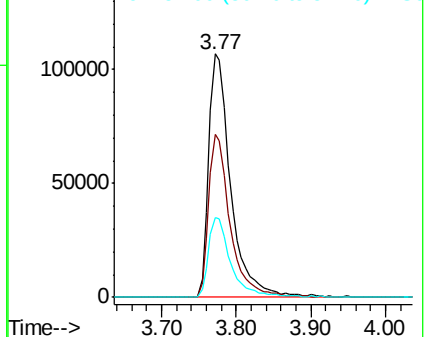
79 100

52 66.7 51.9 77.9

51 33.0 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: 44.727 ng

RT: 3.69 min Scan# 102

Delta R.T. -0.01 min

Lab File: BG044345.D

Acq: 7 Feb 2020 20:15

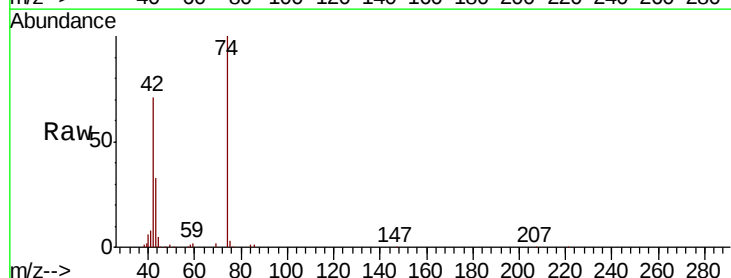
Tgt Ion: 42 Resp: 107190

Ion Ratio Lower Upper

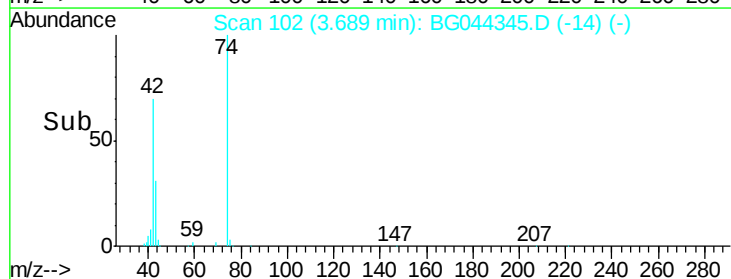
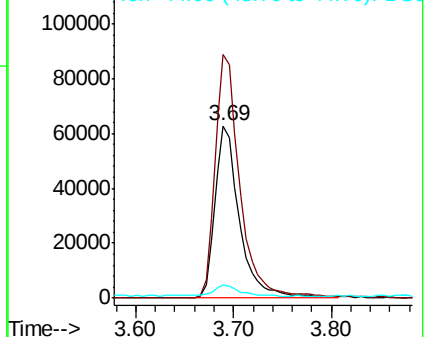
42 100

74 141.3 115.1 172.7

44 7.5 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: 114.131 ng

RT: 5.49 min Scan# 409

Delta R.T. 0.00 min

Lab File: BG044345.D

Acq: 7 Feb 2020 20:15

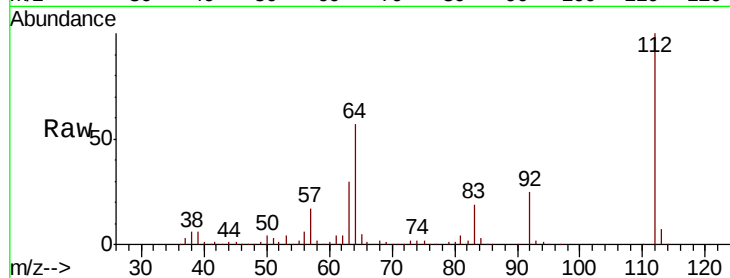
Tot Ion: 112 Resp: 546819

Ion Ratio Lower Upper

112 100

64 56.9 45.4 68.2

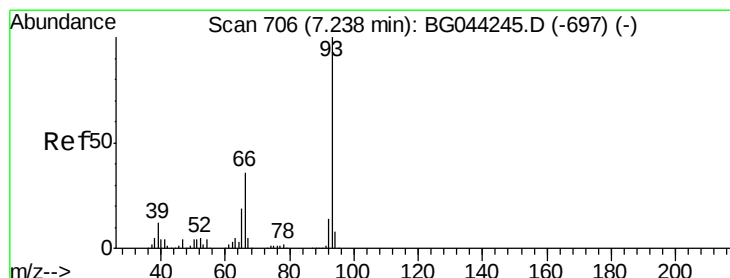
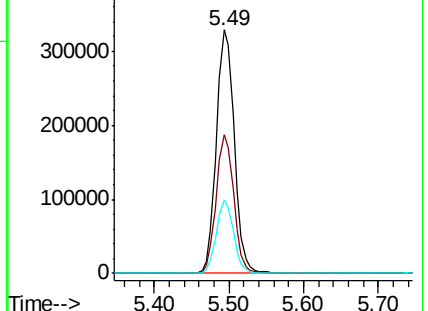
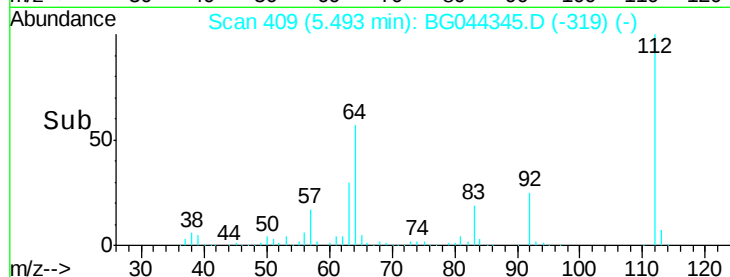
63 30.1 22.9 34.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 26.322 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG044345.D

Acq: 7 Feb 2020 20:15

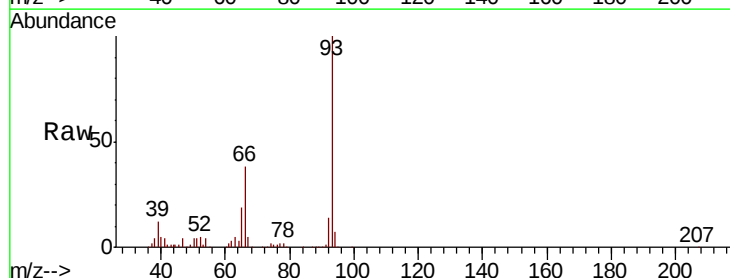
Tgt Ion: 93 Resp: 210209

Ion Ratio Lower Upper

93 100

66 38.1 28.7 43.1

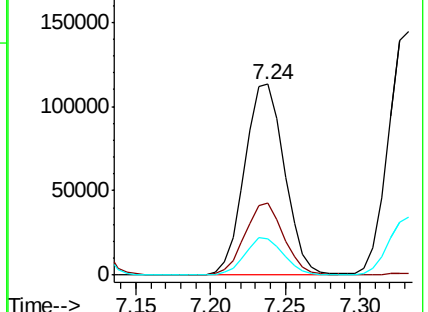
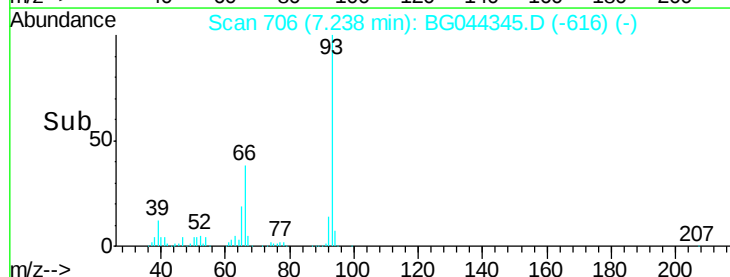
65 19.0 15.4 23.0



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: 110.820 ng

RT: 7.09 min Scan# 680

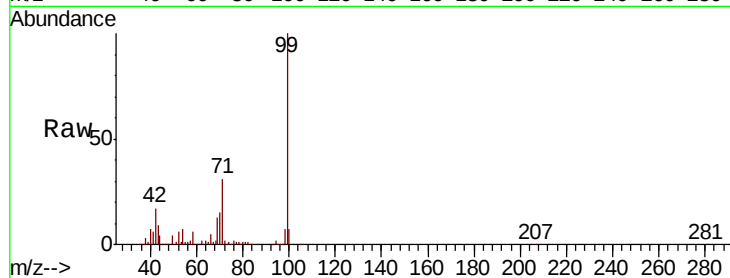
Delta R.T. 0.00 min

Lab File: BG044345.D

Acq: 7 Feb 2020 20:15

Tot Ion: 99 Resp: 712994

Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.8	20.6
71	31.3	25.5	38.3

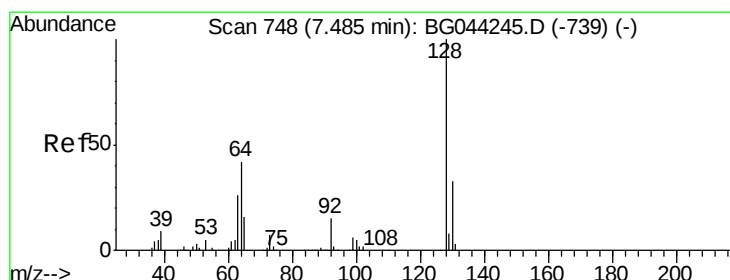
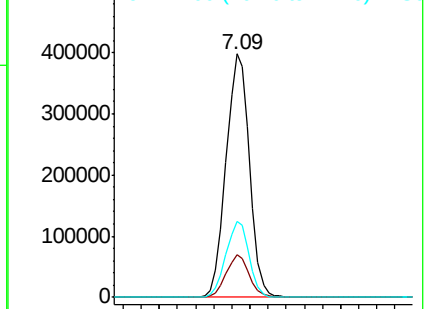
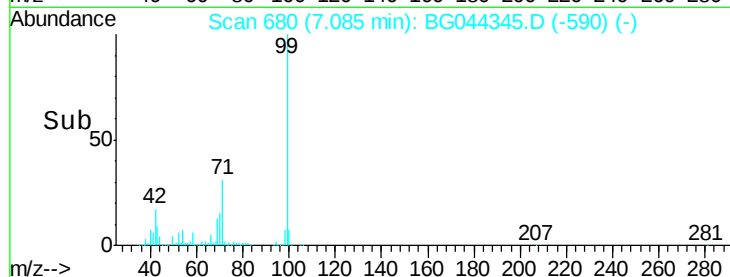


Abundance

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: 50.808 ng

RT: 7.48 min Scan# 747

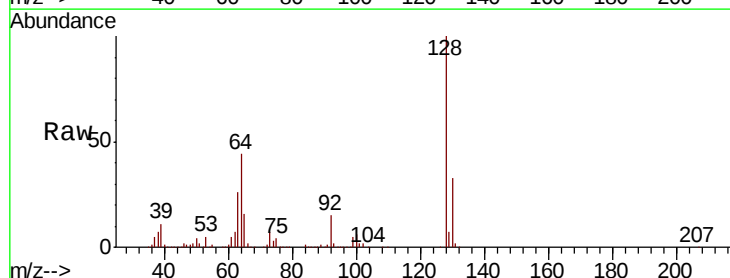
Delta R.T. -0.01 min

Lab File: BG044345.D

Acq: 7 Feb 2020 20:15

Tgt Ion: 128 Resp: 267536

Ion	Ratio	Lower	Upper
128	100		
130	33.4	12.5	52.5
64	43.8	24.2	64.2

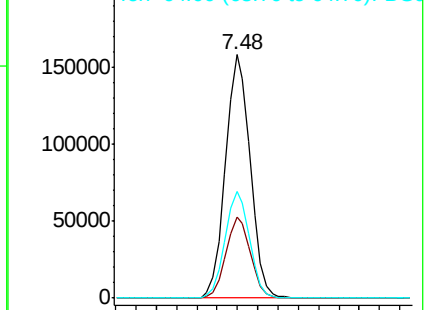
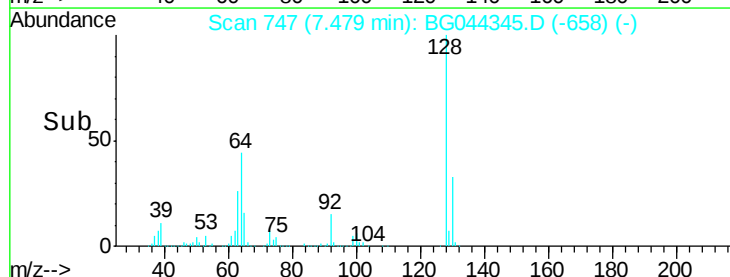


Abundance

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: 32.809 ng

RT: 7.04 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG044345.D

Acq: 7 Feb 2020 20:15

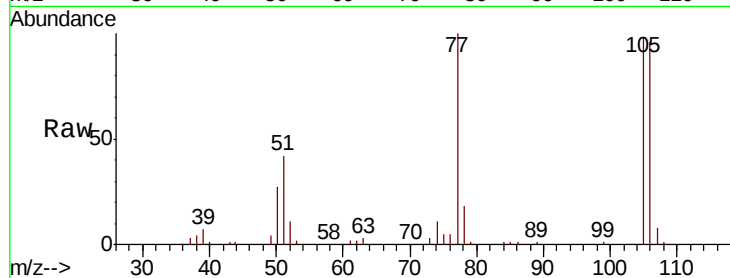
Tot Ion: 77 Resp: 120219

Ion Ratio Lower Upper

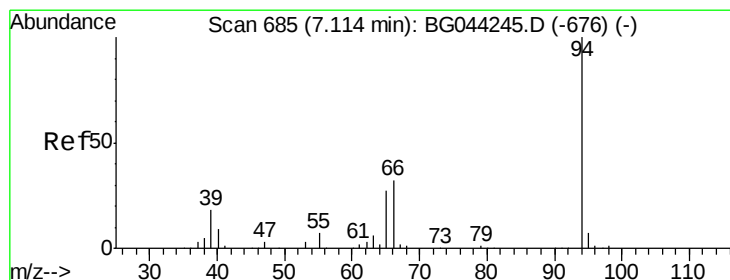
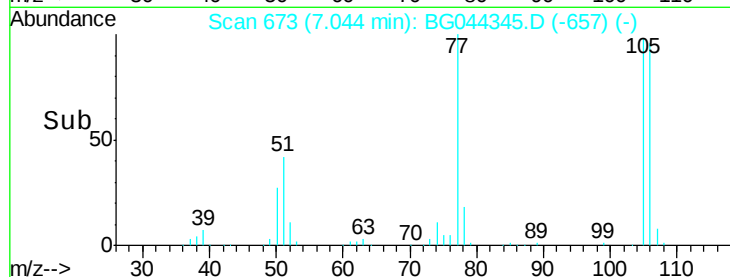
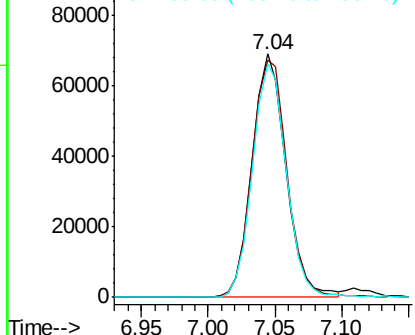
77 100

105 97.5 82.0 122.0

106 95.9 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: 51.335 ng

RT: 7.11 min Scan# 685

Delta R.T. 0.00 min

Lab File: BG044345.D

Acq: 7 Feb 2020 20:15

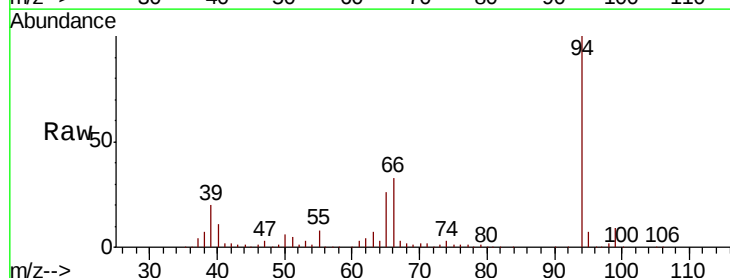
Tgt Ion: 94 Resp: 326864

Ion Ratio Lower Upper

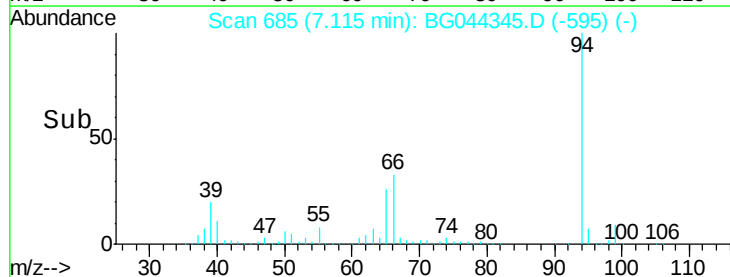
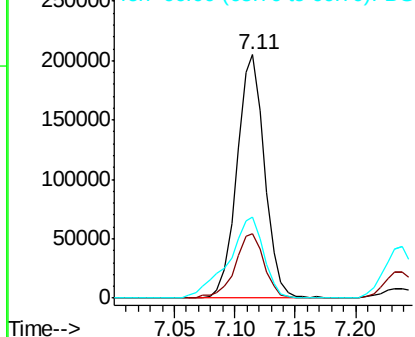
94 100

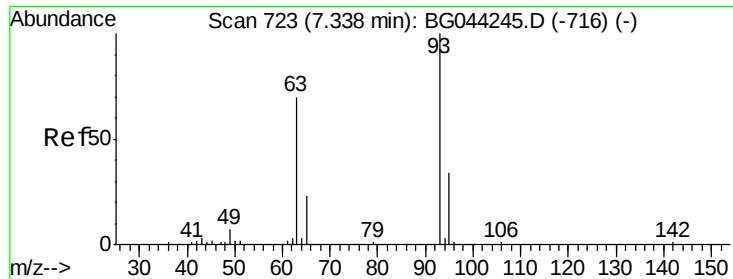
65 26.3 7.0 47.0

66 33.1 12.7 52.7



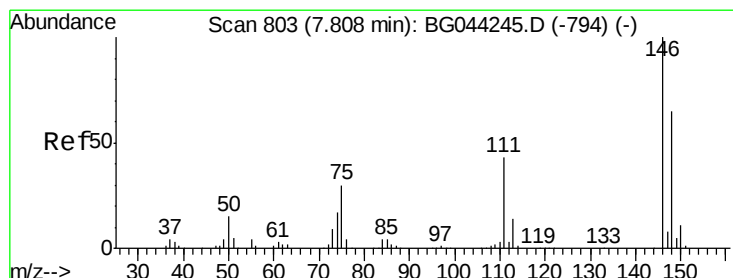
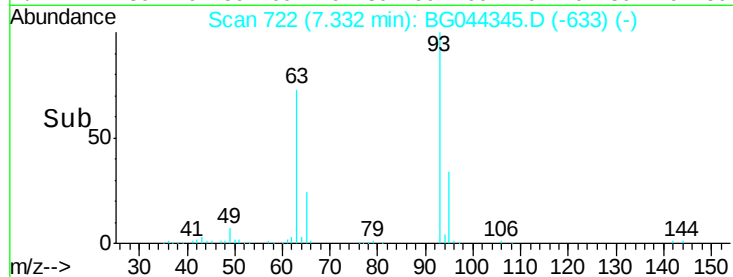
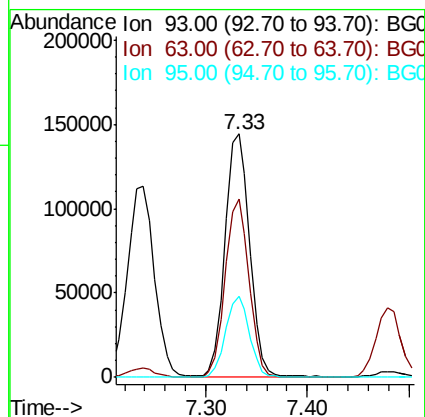
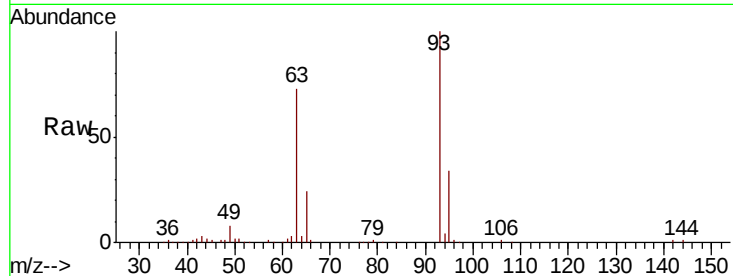
Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





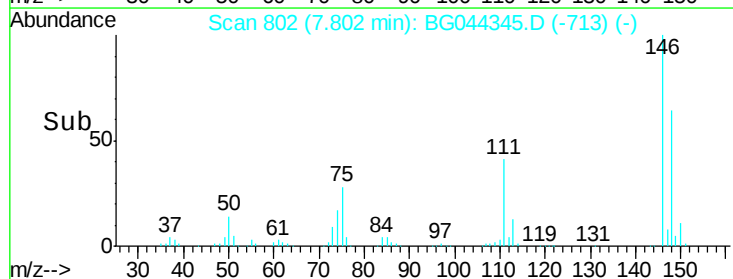
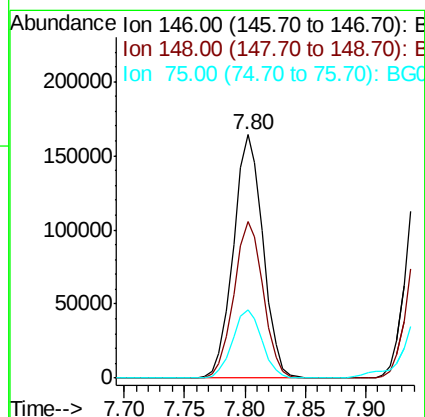
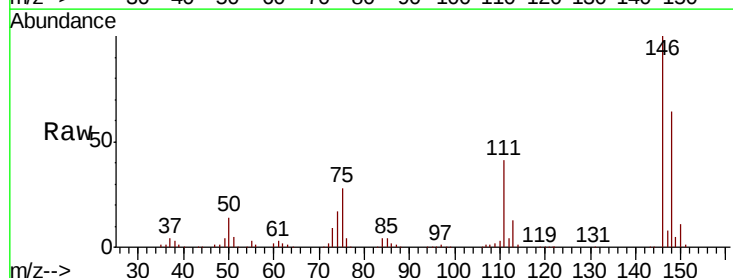
#11
bis(2-Chloroethyl)ether
Concen: 44.781 ng
RT: 7.33 min Scan# 722
Delta R.T. -0.01 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

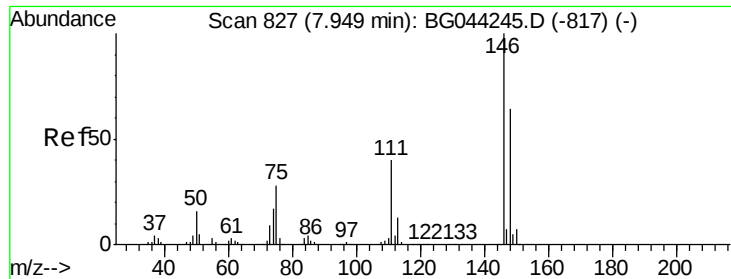
Tot Ion	93	Resp	243769
Ion	Ratio	Lower	Upper
93	100		
63	73.3	49.2	89.2
95	33.5	13.6	53.6



#12
1,3-Dichlorobenzene
Concen: 44.440 ng
RT: 7.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

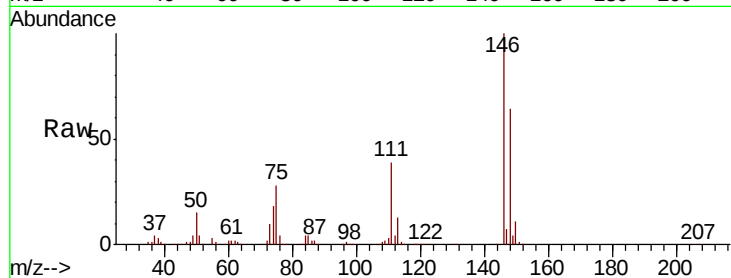
Tgt Ion	146	Resp	279391
Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.8	77.8
75	28.3	23.7	35.5





#13
 1,4-Dichlorobenzene
 Concen: 44.754 ng
 RT: 7.95 min Scan# 827
 Delta R.T. 0.00 min
 Lab File: BG044345.D
 Acq: 7 Feb 2020 20:15

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.4	77.0
111	39.4	31.8	47.8

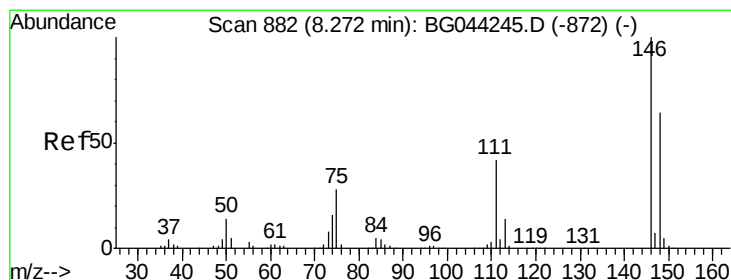
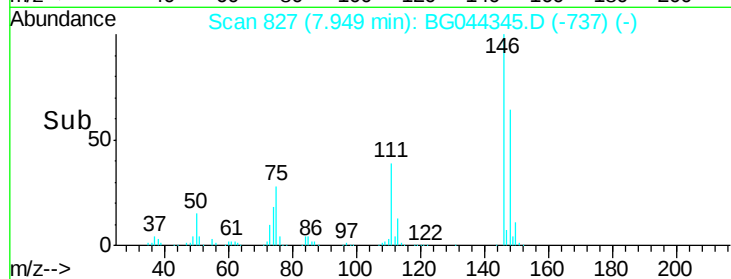
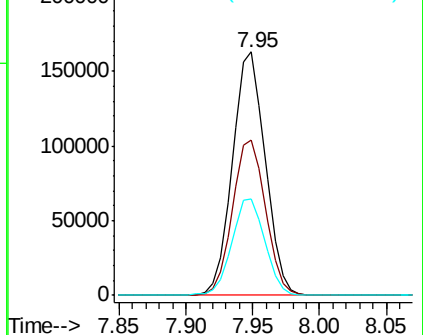


Abundance

Ion 146.00 (145.70 to 146.70): E

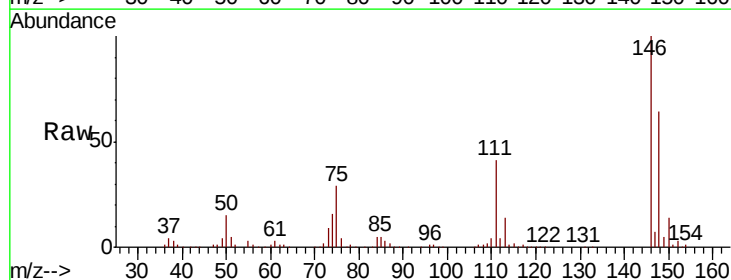
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 45.017 ng
 RT: 8.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BG044345.D
 Acq: 7 Feb 2020 20:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.2	76.8
111	41.5	34.0	51.0

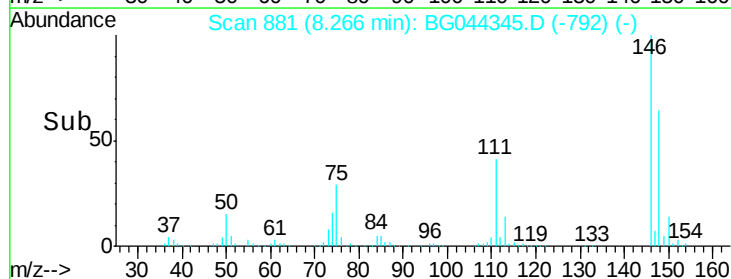
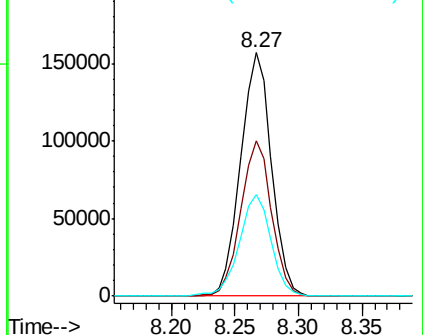


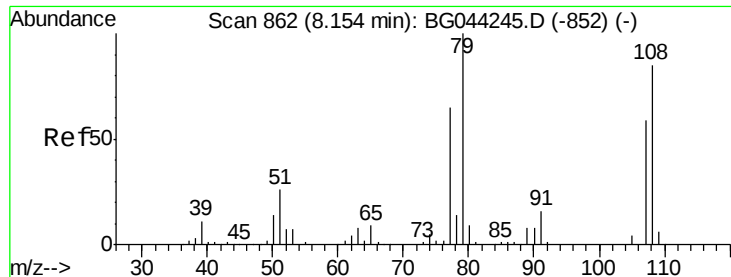
Abundance

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: 47.155 ng

RT: 8.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: BG044345.D

Acq: 7 Feb 2020 20:15

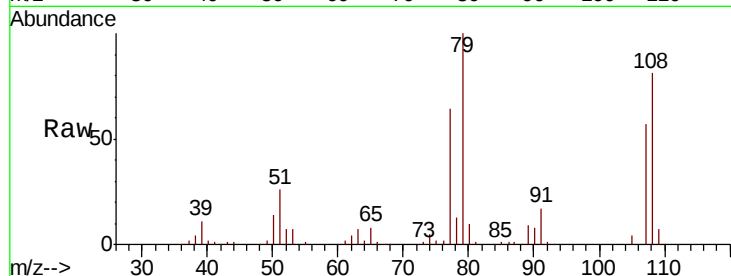
Tot Ion: 79 Resp: 214788

Ion Ratio Lower Upper

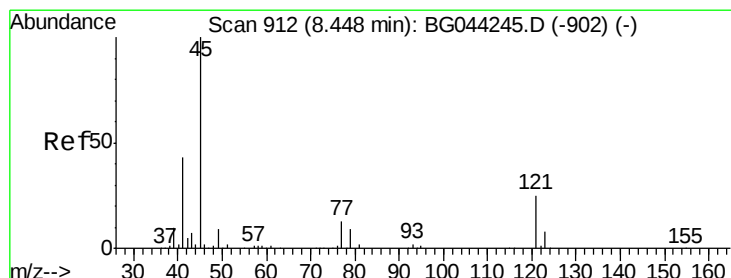
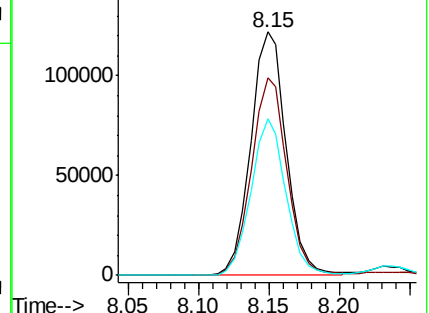
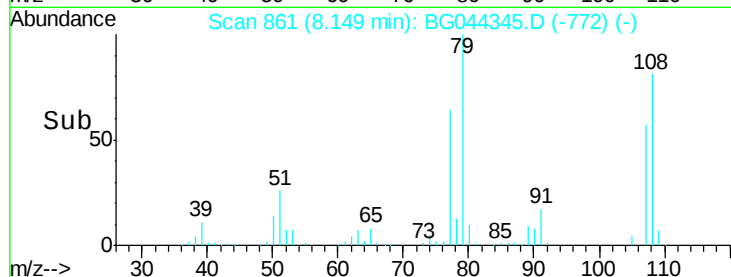
79 100

108 80.9 68.3 102.5

77 64.1 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: 43.151 ng

RT: 8.44 min Scan# 911

Delta R.T. -0.01 min

Lab File: BG044345.D

Acq: 7 Feb 2020 20:15

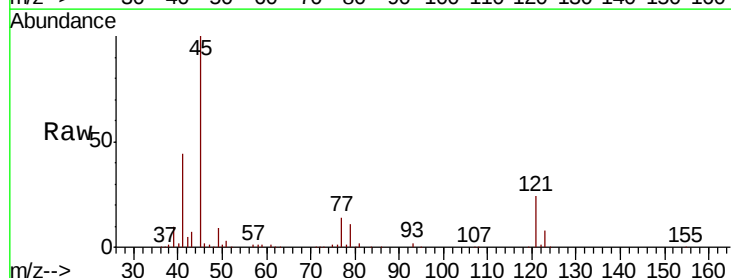
Tgt Ion: 45 Resp: 317932

Ion Ratio Lower Upper

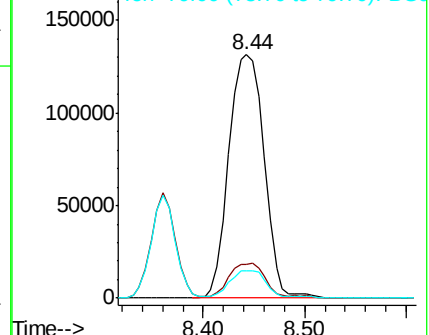
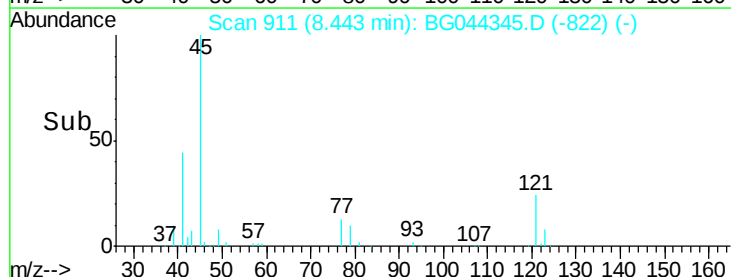
45 100

77 14.0 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: 49.120 ng

RT: 8.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BG044345.D

Acq: 7 Feb 2020 20:15

Tot Ion:107 Resp: 223151

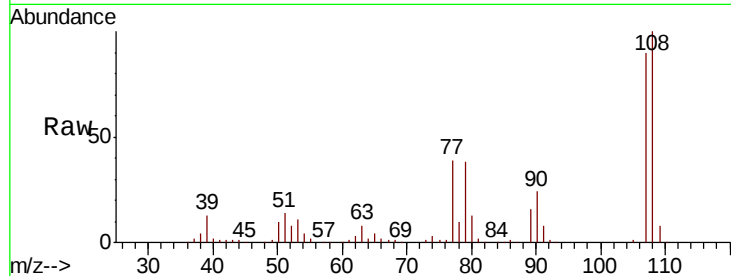
Ion Ratio Lower Upper

107 100

108 110.8 86.4 129.6

77 43.3 34.0 51.0

79 42.5 32.9 49.3

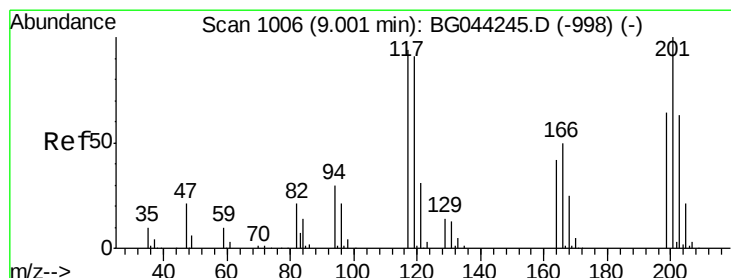
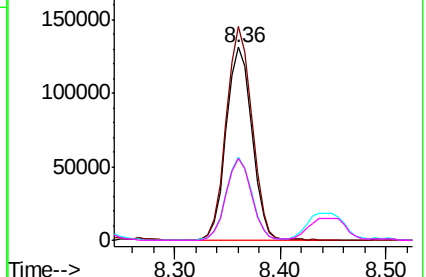
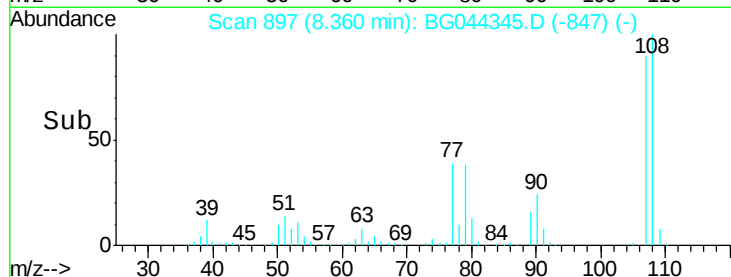


Abundance Ion 107.00 (106.70 to 107.70): E

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: 43.787 ng

RT: 8.99 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BG044345.D

Acq: 7 Feb 2020 20:15

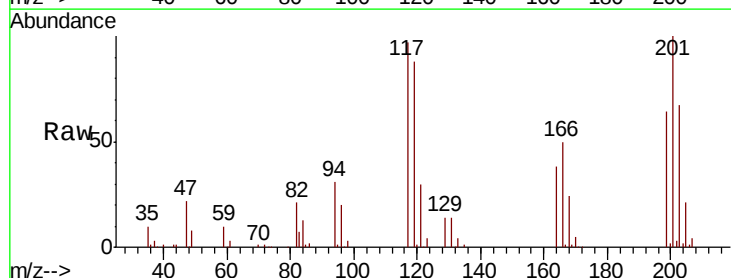
Tgt Ion:117 Resp: 102314

Ion Ratio Lower Upper

117 100

119 91.5 77.5 116.3

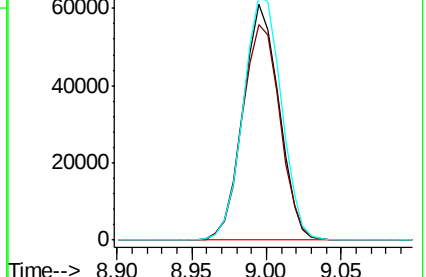
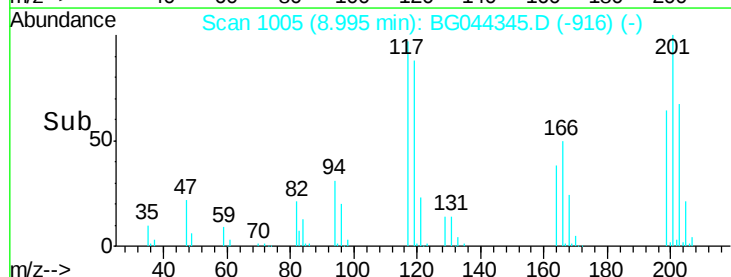
201 103.5 84.9 127.3



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

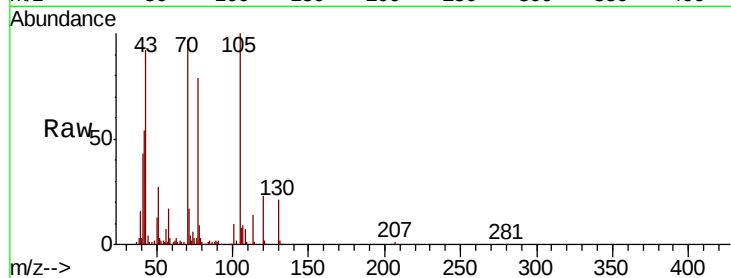
Ion 201.00 (200.70 to 201.70): E



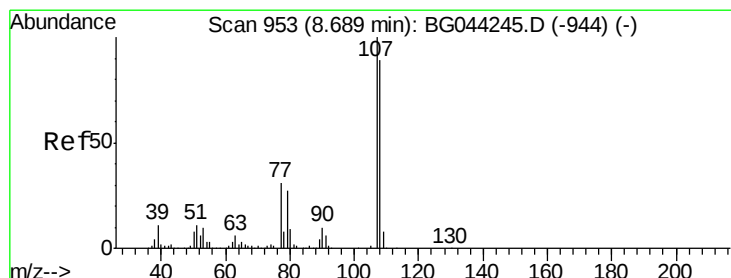
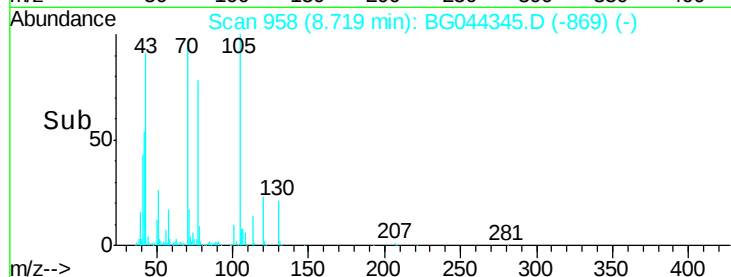
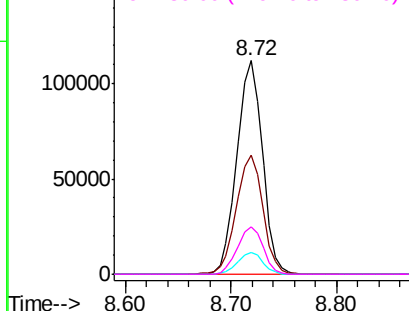


#19
n-Nitroso-di-n-propylamine
Concen: 43.700 ng
RT: 8.72 min Scan# 958
Delta R.T. -0.01 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

Tot Ion:	70	Resp:	187378
Ion	Ratio	Lower	Upper
70	100		
42	55.5	46.2	69.2
101	10.2	8.4	12.6
130	22.2	17.8	26.8

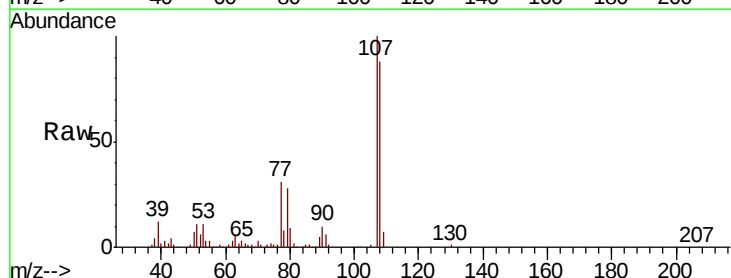


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

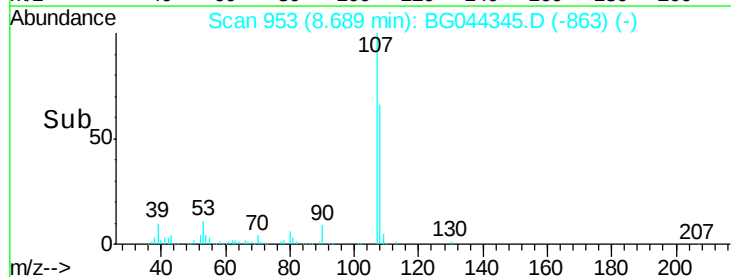
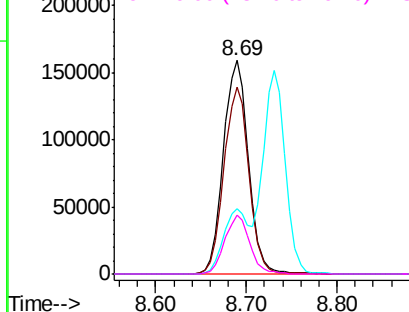


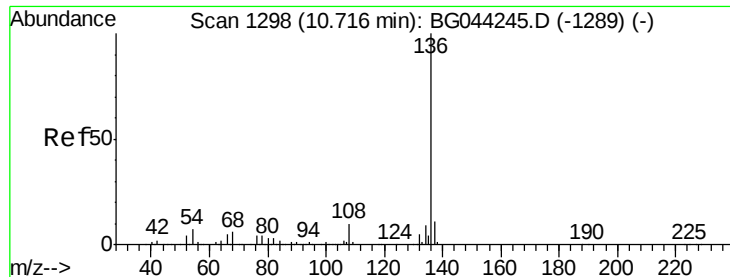
#20
3+4-Methylphenols
Concen: 48.678 ng
RT: 8.69 min Scan# 953
Delta R.T. 0.00 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

Tgt Ion:	107	Resp:	304765
Ion	Ratio	Lower	Upper
107	100		
108	87.6	68.5	108.5
77	30.8	10.9	50.9
79	27.8	7.1	47.1



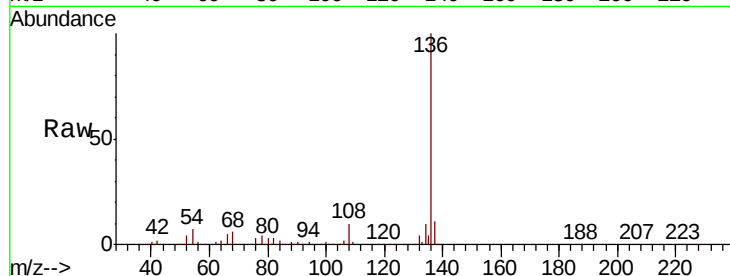
Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.71 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

Tot Ion:136	Resp: 350231
Ion Ratio	Lower Upper
136 100	
137 10.8	8.8 13.2
54 7.2	5.8 8.8
68 6.2	4.6 6.8

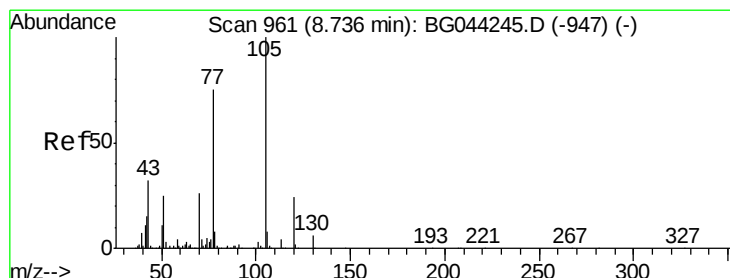
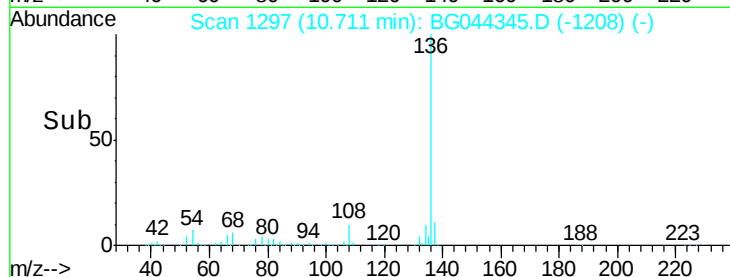
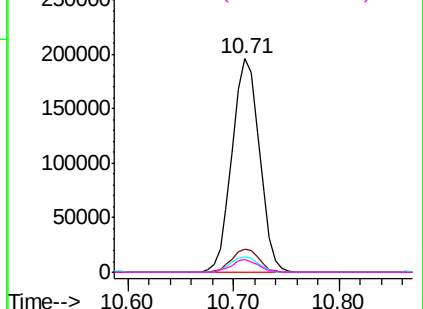


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

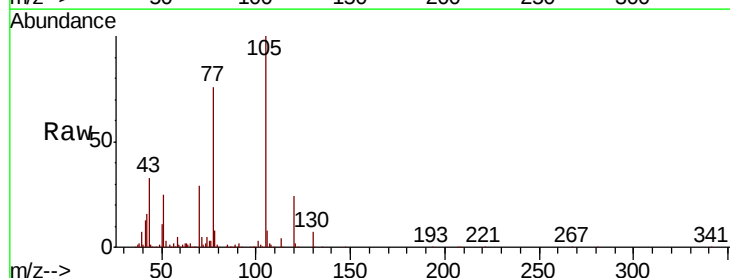
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 41.508 ng
RT: 8.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

Tgt	Ion:105	Resp:	353652
Ion	Ratio	Lower	Upper
105	100		
71	4.5	3.4	5.0
51	25.0	20.2	30.4
120	23.5	19.1	28.7

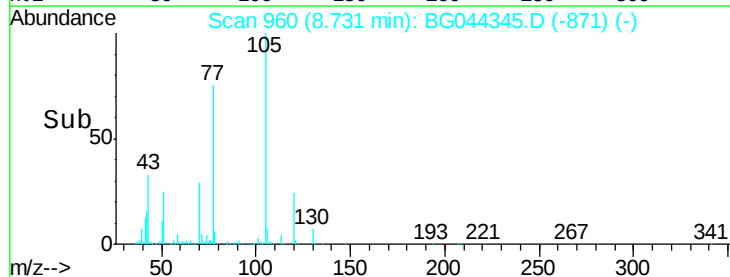
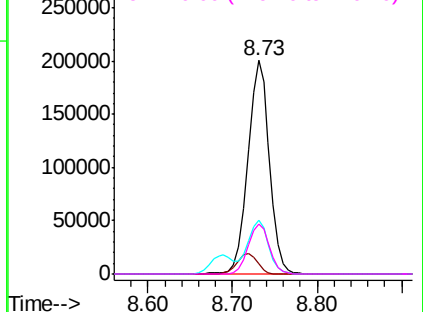


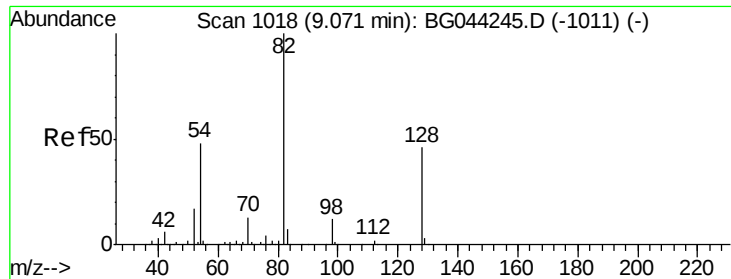
Abundance Ion 105.00 (104.70 to 105.70): E

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: 68.014 ng

RT: 9.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BG044345.D

Acq: 7 Feb 2020 20:15

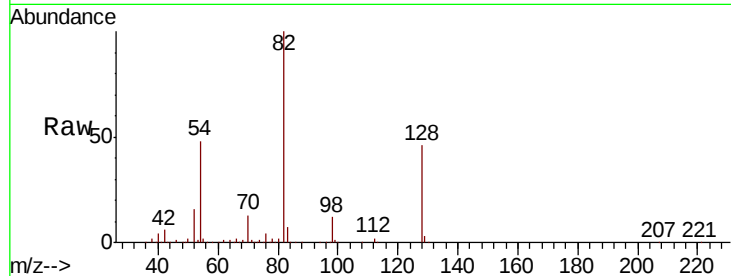
Tot Ion: 82 Resp: 421931

Ion Ratio Lower Upper

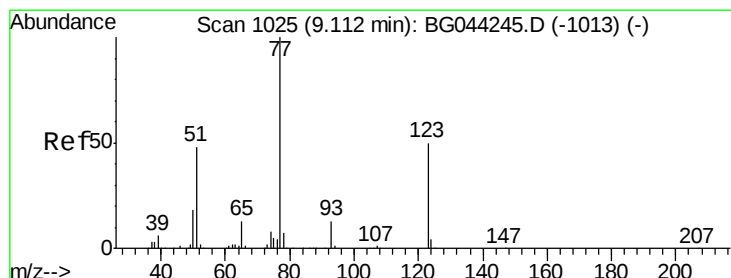
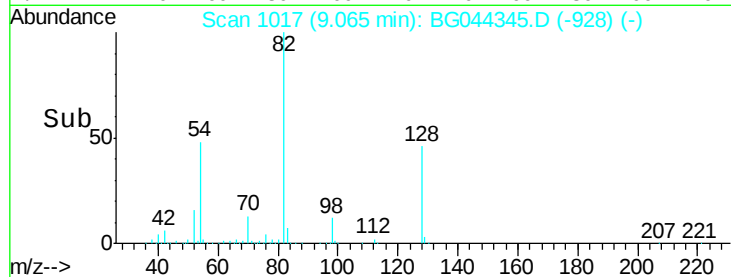
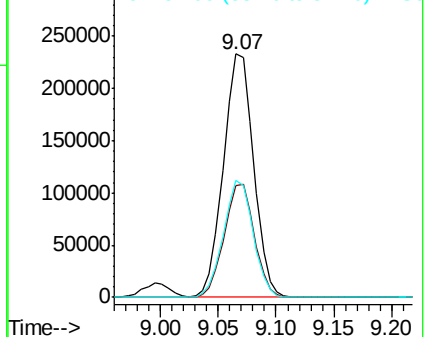
82 100

128 45.9 36.5 54.7

54 47.9 38.6 58.0



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#24

Nitrobenzene

Concen: 44.017 ng

RT: 9.11 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BG044345.D

Acq: 7 Feb 2020 20:15

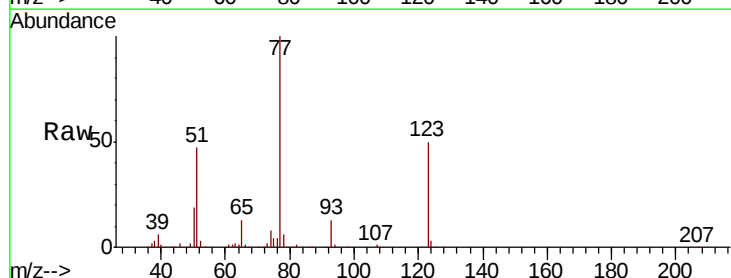
Tgt Ion: 77 Resp: 266581

Ion Ratio Lower Upper

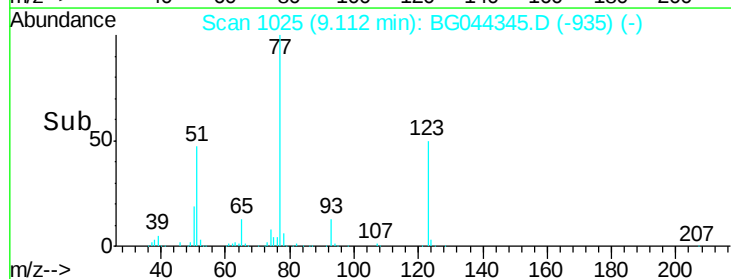
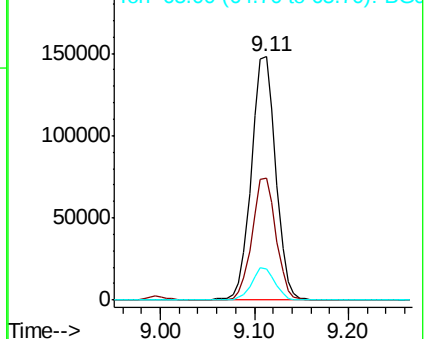
77 100

123 50.2 39.9 59.9

65 12.8 10.4 15.6



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





#25

Isophorone

Concen: 43.821 ng

RT: 9.64 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BG044345.D

Acq: 7 Feb 2020 20:15

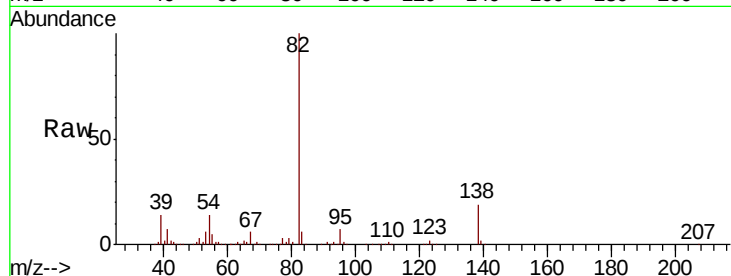
Tot Ion: 82 Resp: 506684

Ion Ratio Lower Upper

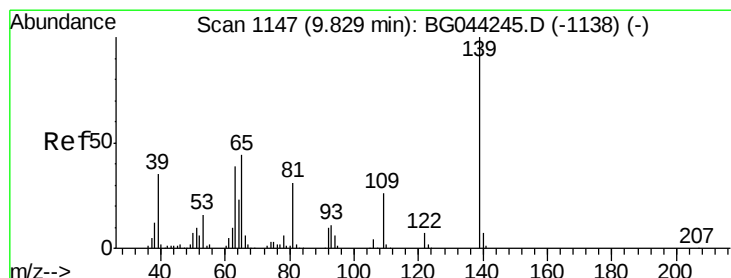
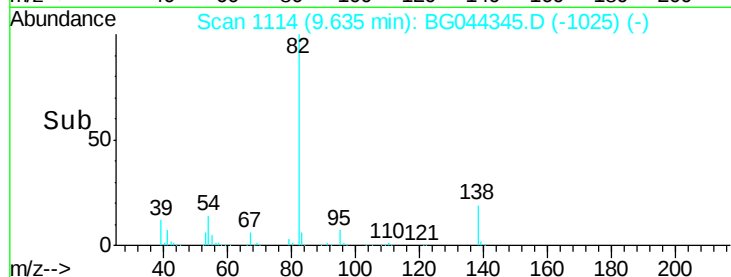
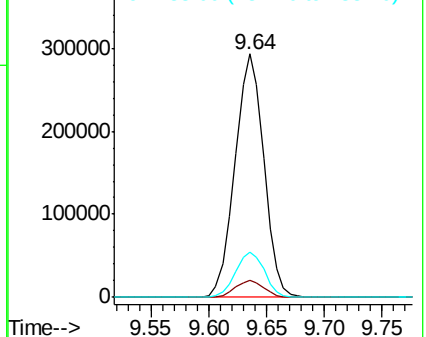
82 100

95 7.1 5.7 8.5

138 18.7 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: 47.380 ng

RT: 9.82 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BG044345.D

Acq: 7 Feb 2020 20:15

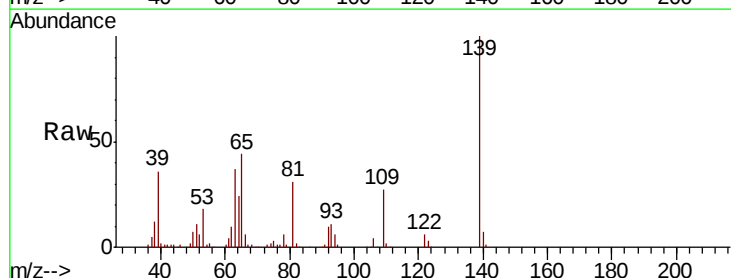
Tgt Ion: 139 Resp: 148891

Ion Ratio Lower Upper

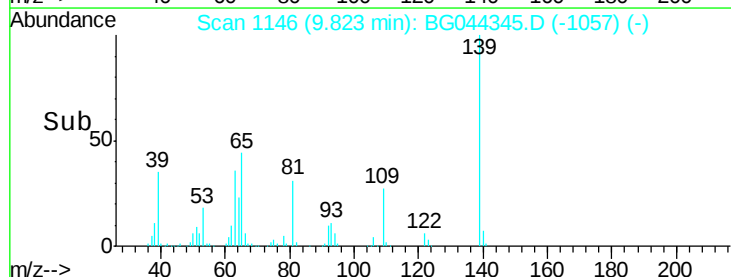
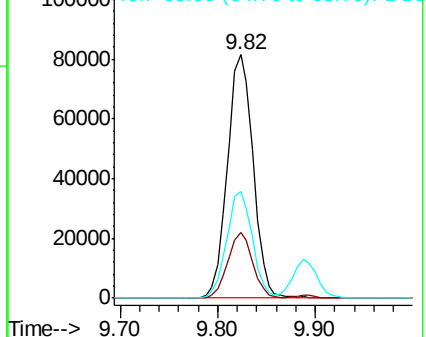
139 100

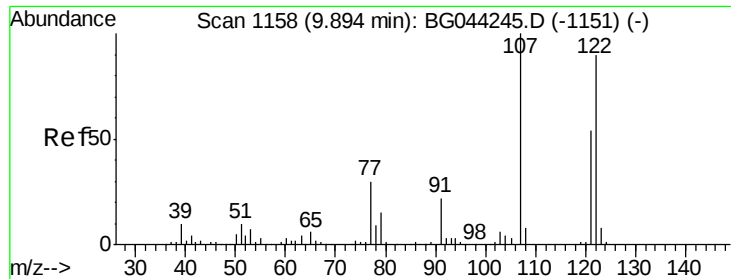
109 26.9 21.0 31.4

65 44.1 35.0 52.4



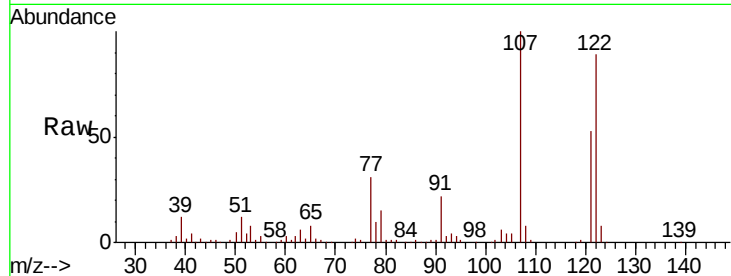
Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC



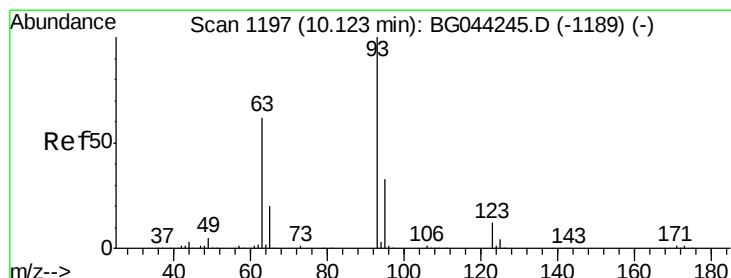
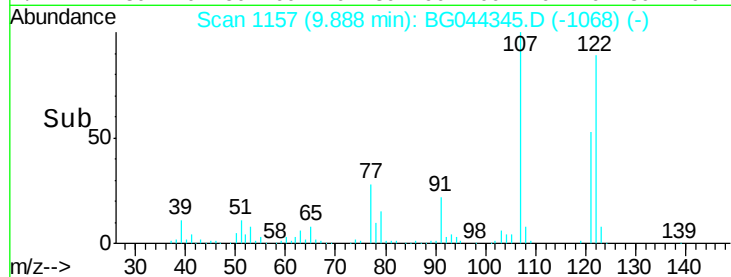
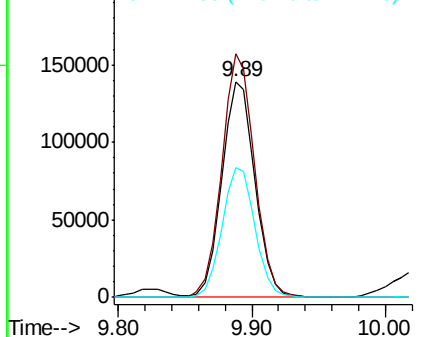


#27
 2,4-Dimethylphenol
 Concen: 54.085 ng
 RT: 9.89 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: BG044345.D
 Acq: 7 Feb 2020 20:15

Tot Ion: 122 Resp: 239921
 Ion Ratio Lower Upper
 122 100
 107 112.8 88.8 133.2
 121 60.1 48.3 72.5

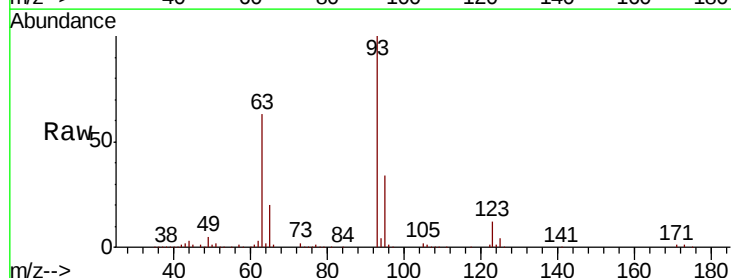


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

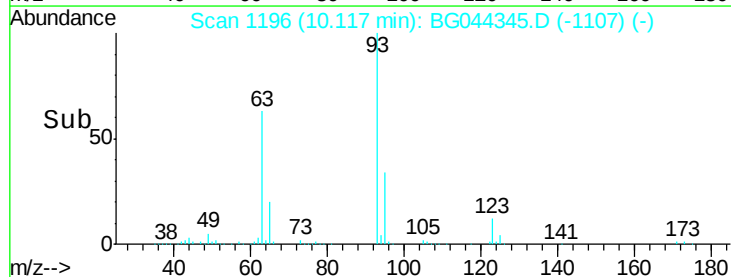
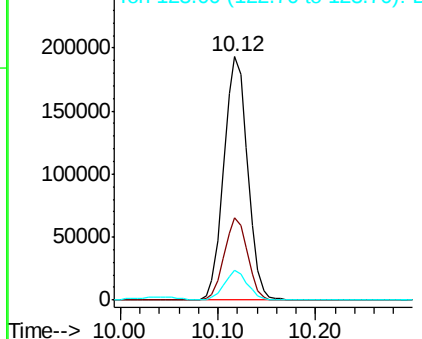


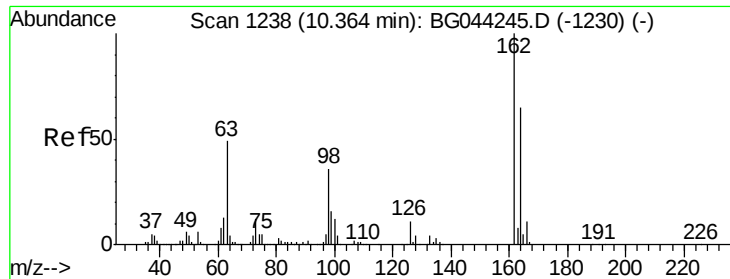
#28
 bis(2-Chloroethoxy)methane
 Concen: 42.192 ng
 RT: 10.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BG044345.D
 Acq: 7 Feb 2020 20:15

Tgt Ion: 93 Resp: 325447
 Ion Ratio Lower Upper
 93 100
 95 33.7 26.6 40.0
 123 12.2 10.0 15.0



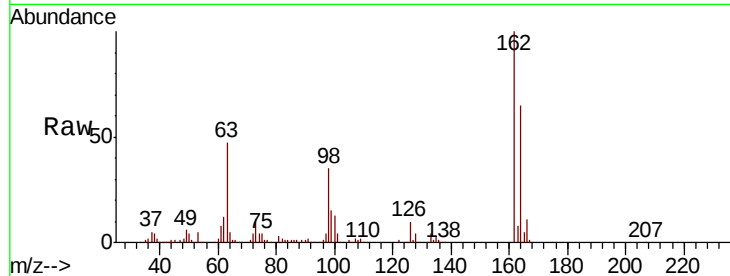
Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E





#29
 2,4-Dichlorophenol
 Concen: 47.161 ng
 RT: 10.36 min Scan# 1238
 Delta R.T. 0.00 min
 Lab File: BG044345.D
 Acq: 7 Feb 2020 20:15

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.4	44.7	84.7
98	34.8	15.8	55.8

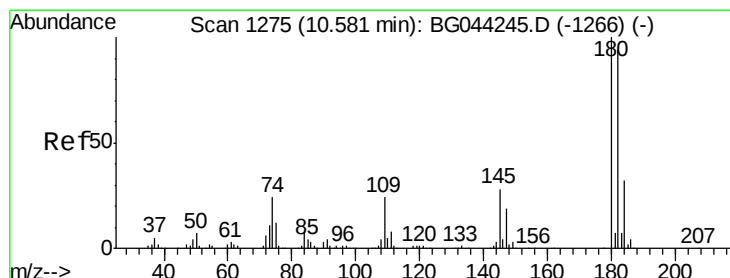
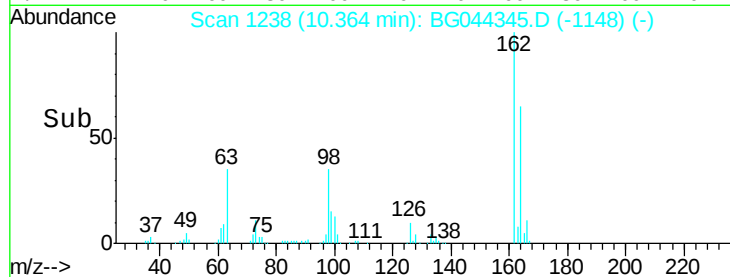
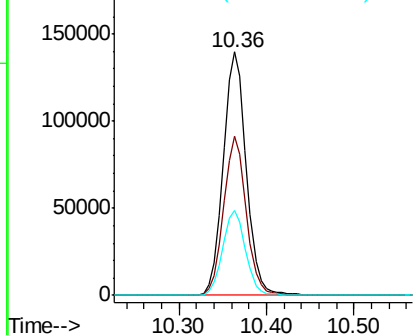


Abundance

Ion 162.00 (161.70 to 162.70): E

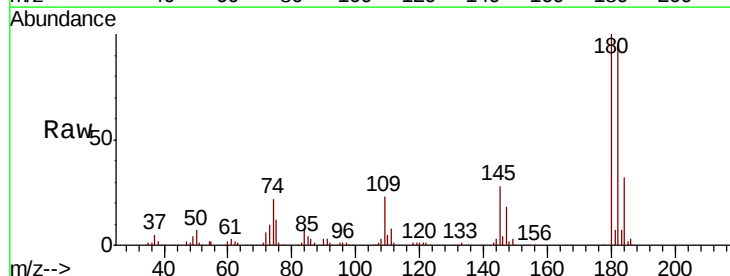
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): E



#30
 1,2,4-Trichlorobenzene
 Concen: 42.701 ng
 RT: 10.58 min Scan# 1274
 Delta R.T. -0.01 min
 Lab File: BG044345.D
 Acq: 7 Feb 2020 20:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	75.5	113.3
145	28.5	22.6	34.0

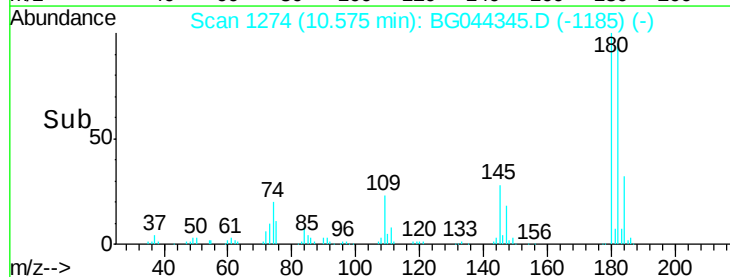
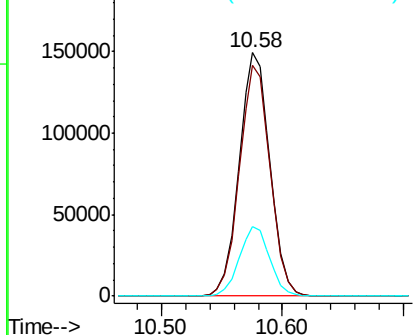


Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

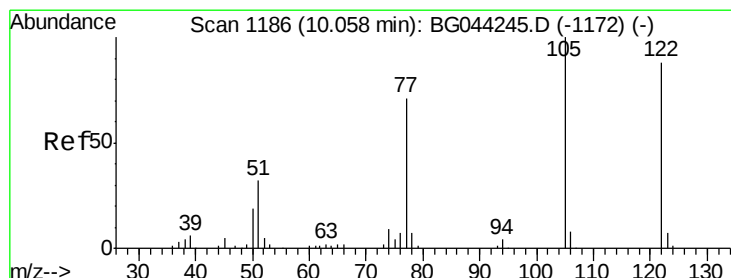
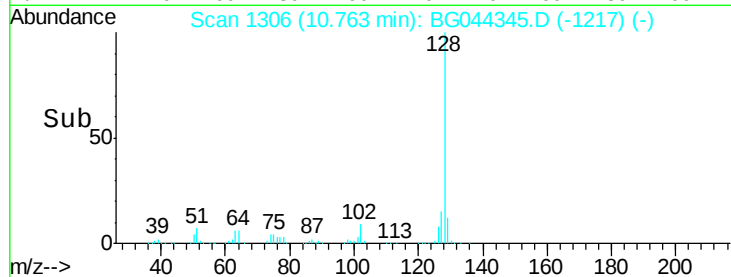
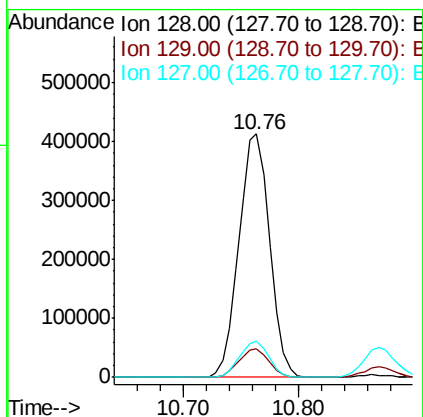
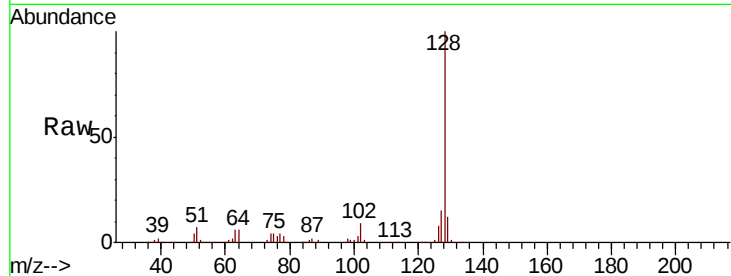
Ion 145.00 (144.70 to 145.70): E





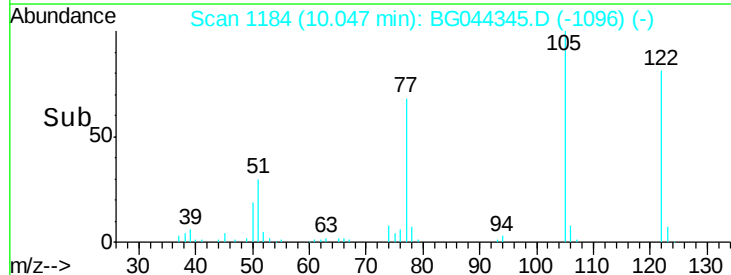
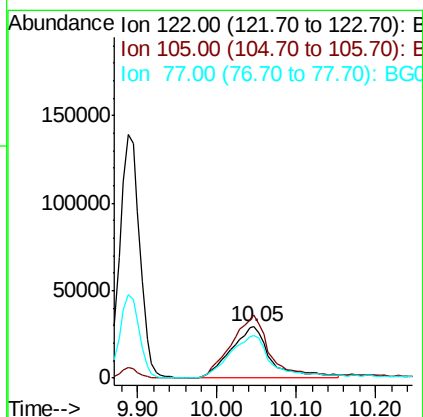
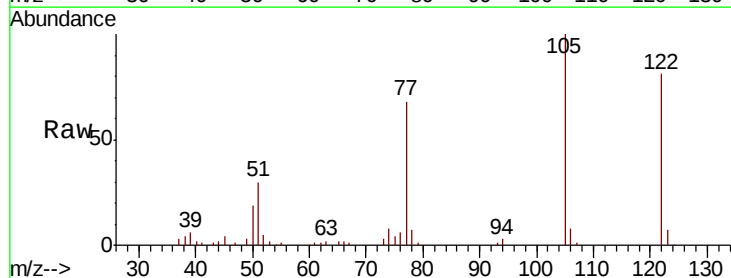
#31
Naphthalene
Concen: 44.752 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

Tot Ion:128	Resp:	760431
Ion	Ratio	Lower Upper
128	100	
129	11.6	9.3 13.9
127	15.0	11.6 17.4



#32
Benzoic acid
Concen: 37.898 ng
RT: 10.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

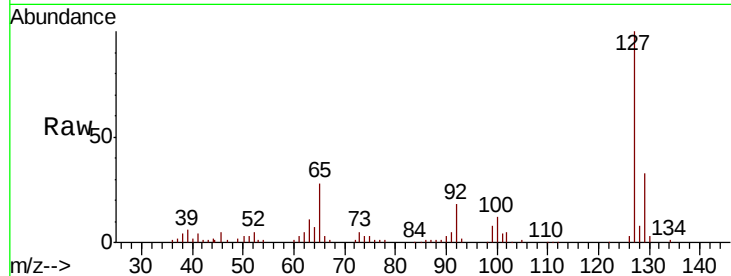
Tgt Ion:122	Resp:	98370
Ion	Ratio	Lower Upper
122	100	
105	122.8	93.5 133.5
77	83.8	61.0 101.0



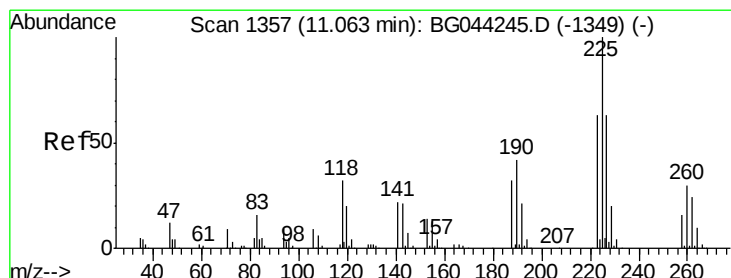
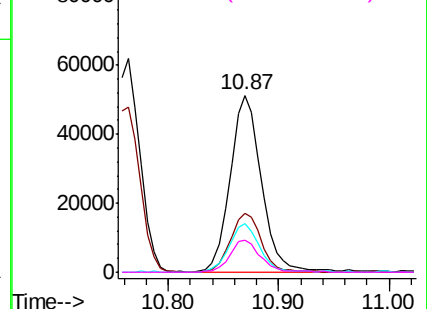
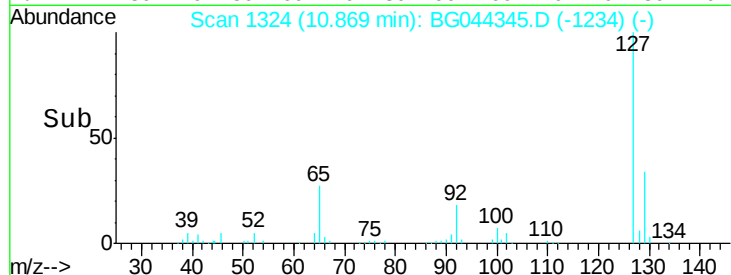


#33
4-Chloroaniline
Concen: 13.229 ng
RT: 10.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

Tot Ion:127	Resp:	102235
Ion Ratio	Lower	Upper
127	100	
129	33.3	26.6 40.0
65	27.6	22.5 33.7
92	18.3	14.1 21.1

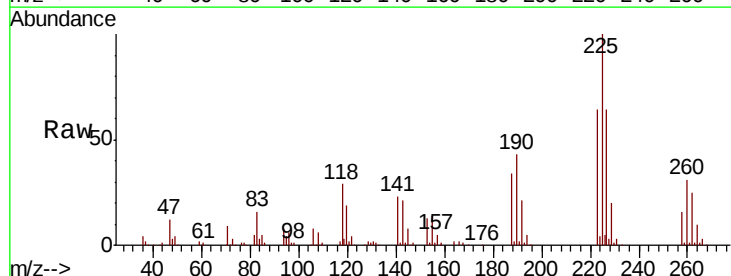


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

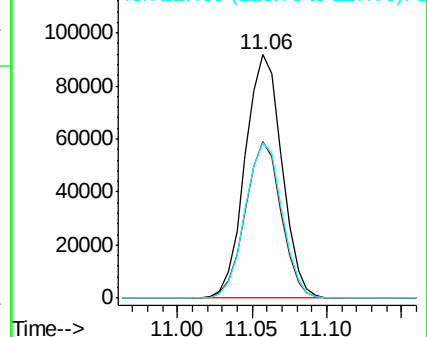
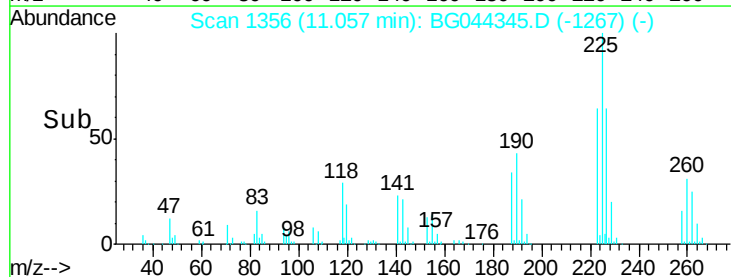


#34
Hexachlorobutadiene
Concen: 41.337 ng
RT: 11.06 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

Tgt Ion:225	Resp:	156441
Ion Ratio	Lower	Upper
225	100	
223	64.2	50.2 75.4
227	63.9	50.8 76.2



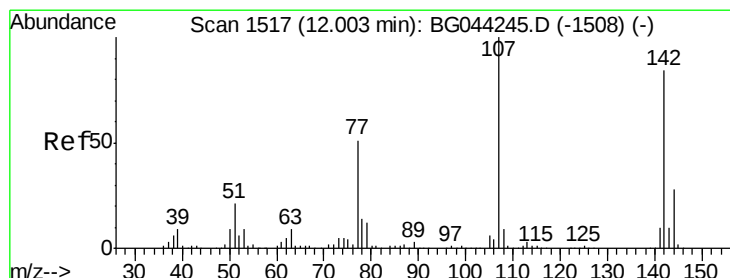
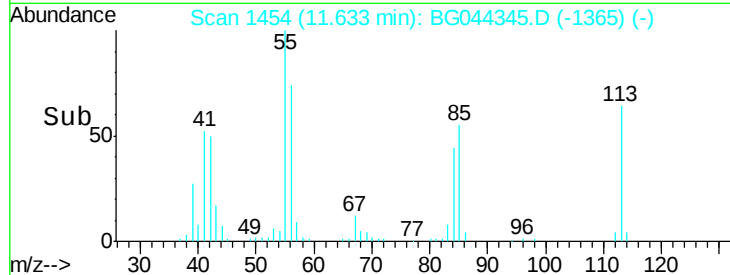
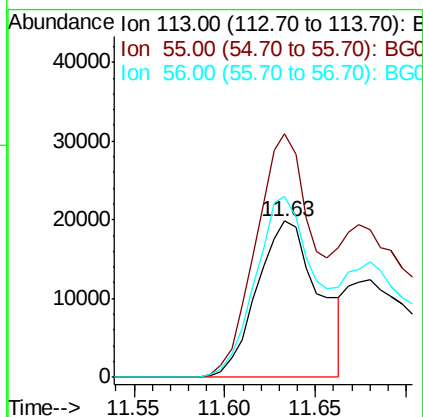
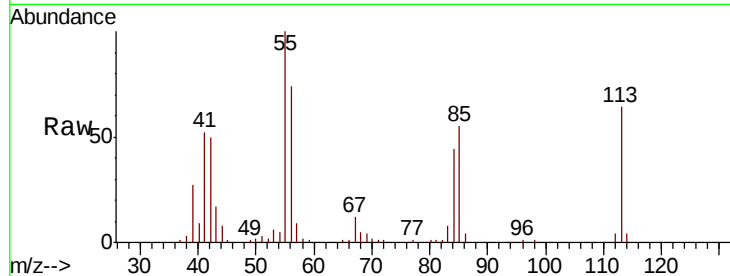
Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





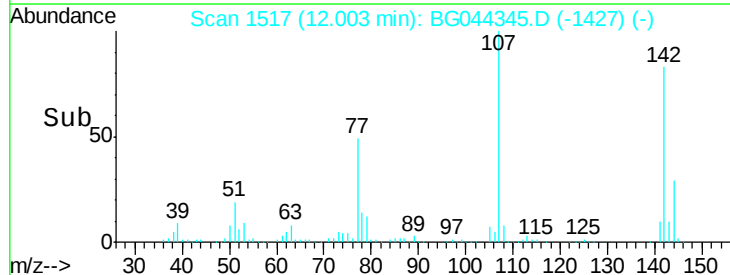
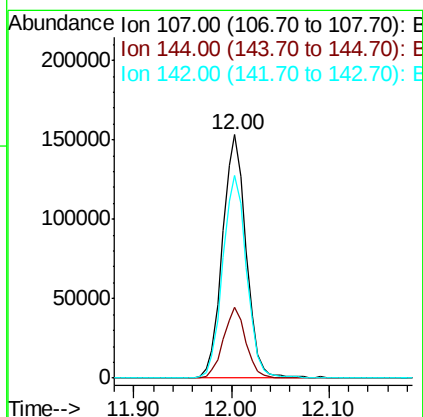
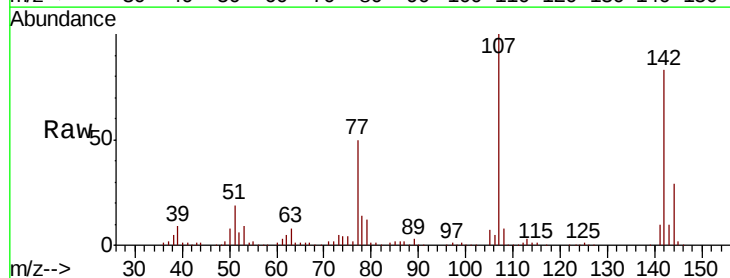
#35
Caprolactam
Concen: 23.937 ng
RT: 11.63 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

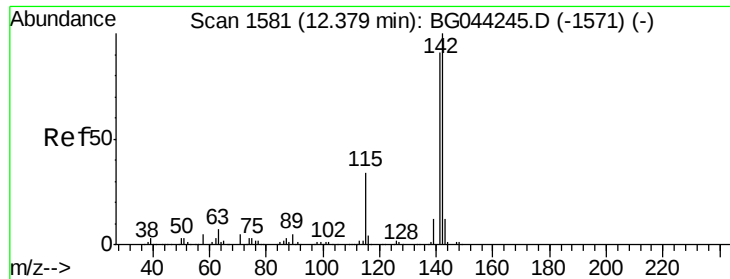
Tot Ion:113 Resp: 47033
Ion Ratio Lower Upper
113 100
55 155.7 129.9 169.9
56 115.7 92.5 132.5



#36
4-Chloro-3-methylphenol
Concen: 45.834 ng
RT: 12.00 min Scan# 1517
Delta R.T. 0.00 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

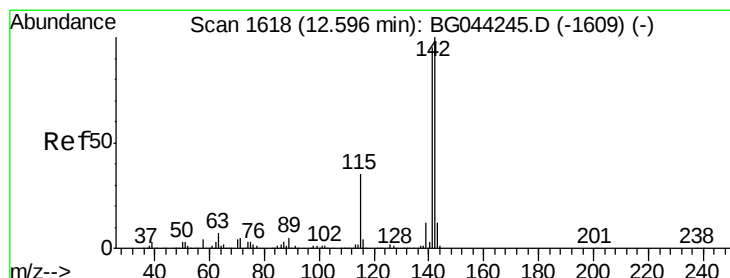
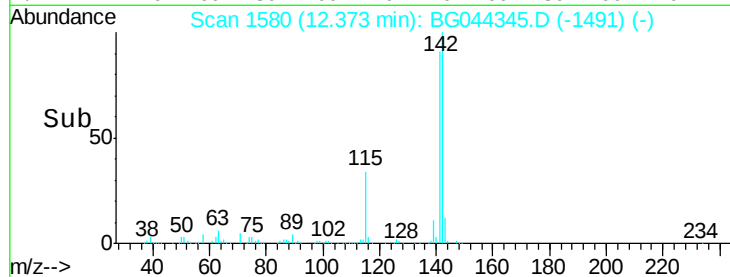
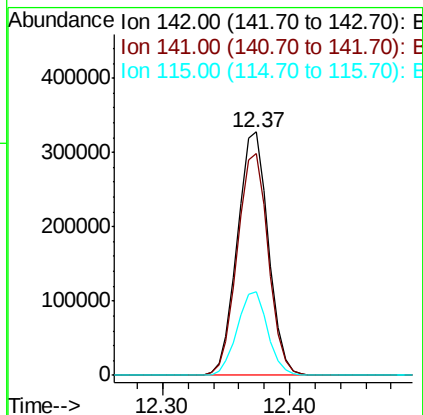
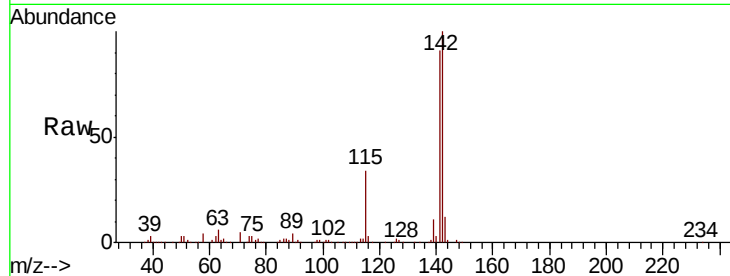
Tgt Ion:107 Resp: 257760
Ion Ratio Lower Upper
107 100
144 29.2 22.2 33.4
142 83.1 67.4 101.0





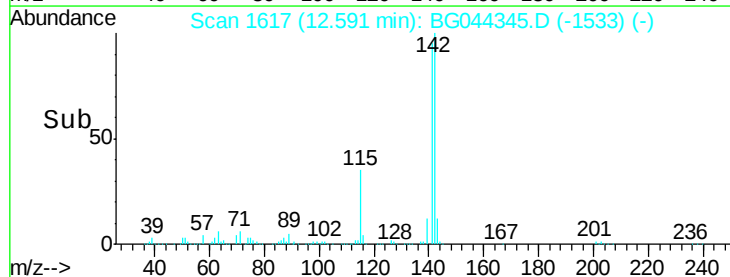
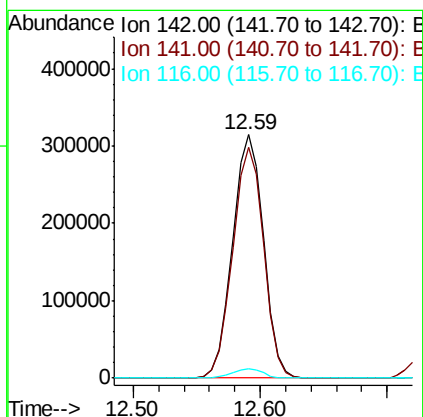
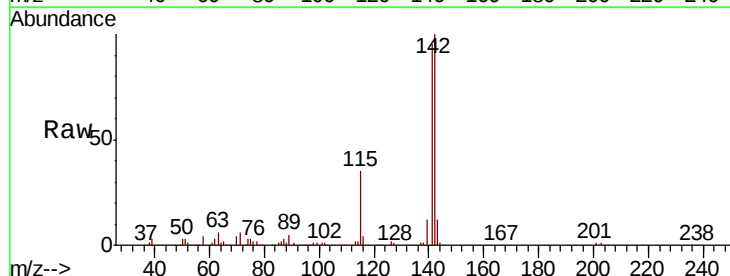
#37
2-Methylnaphthalene
Concen: 43.994 ng
RT: 12.37 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.0	73.2	109.8
115	34.4	27.1	40.7



#38
1-Methylnaphthalene
Concen: 44.384 ng
RT: 12.59 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

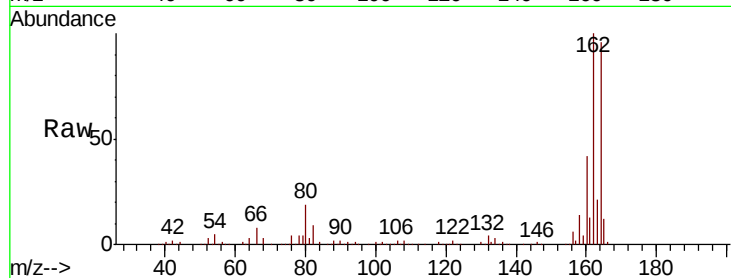
Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.0	75.8	113.6
116	3.7	3.1	4.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.2	80.7	121.1
160	43.7	35.3	52.9

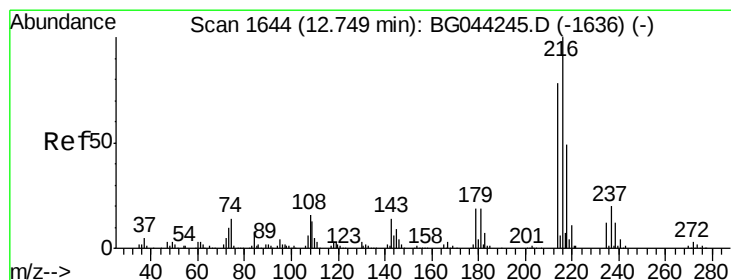
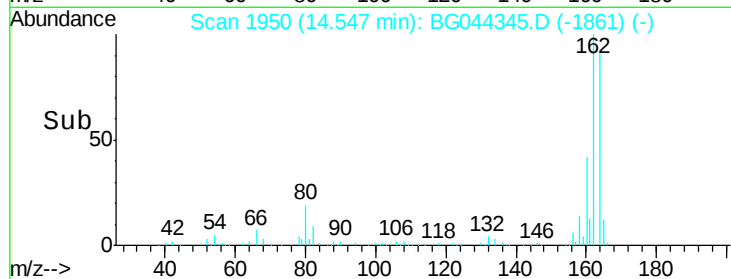
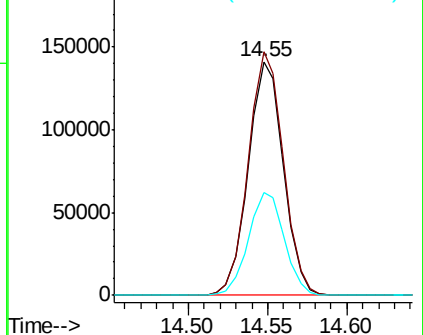


Abundance

Ion 164.00 (163.70 to 164.70): E

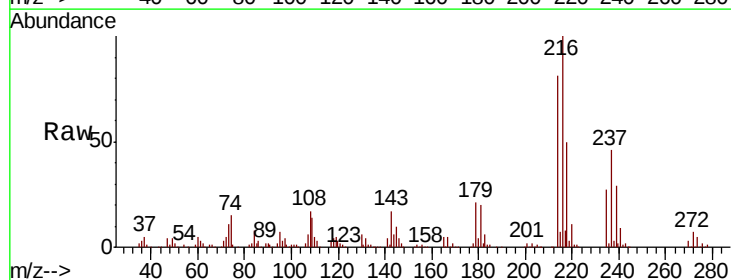
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.035 ng
RT: 12.74 min Scan# 1643
Delta R.T. -0.01 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.6	63.0	94.6
179	20.9	16.2	24.4
108	19.2	13.5	20.3



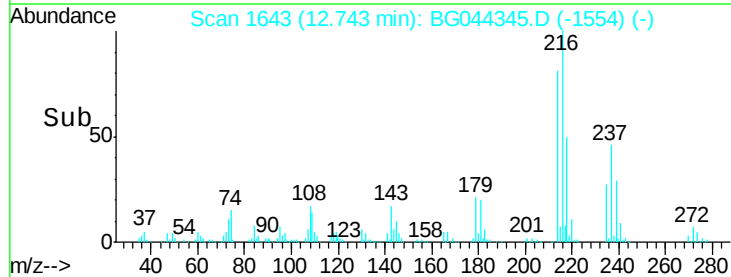
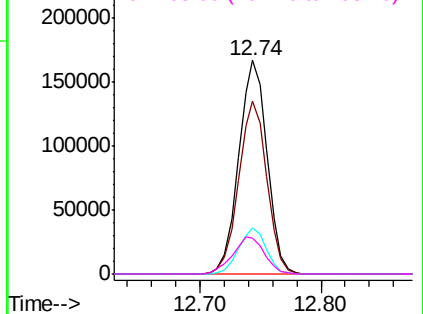
Abundance

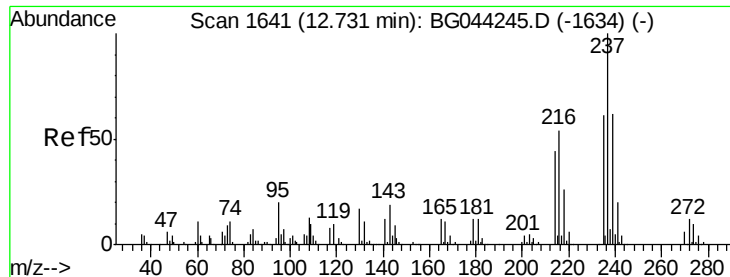
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 109.037 ng

RT: 12.73 min Scan# 1641

Delta R.T. 0.00 min

Lab File: BG044345.D

Acq: 7 Feb 2020 20:15

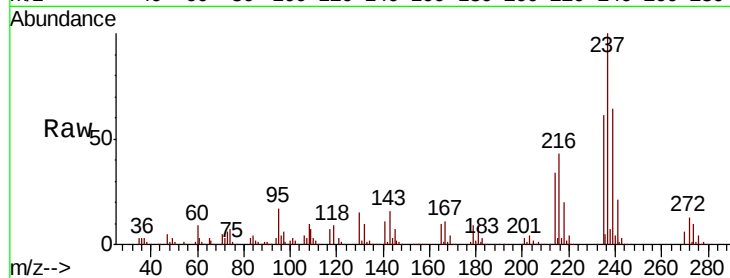
Tot Ion:237 Resp: 339467

Ion Ratio Lower Upper

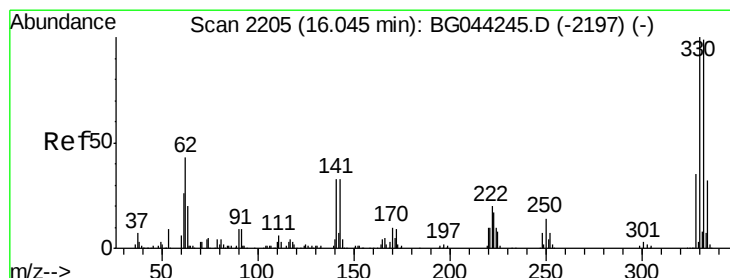
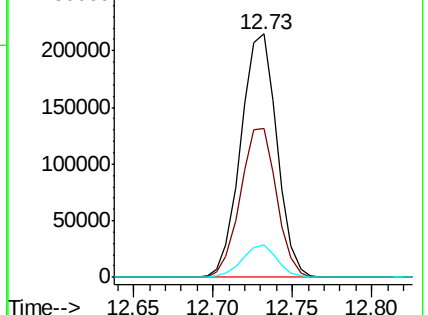
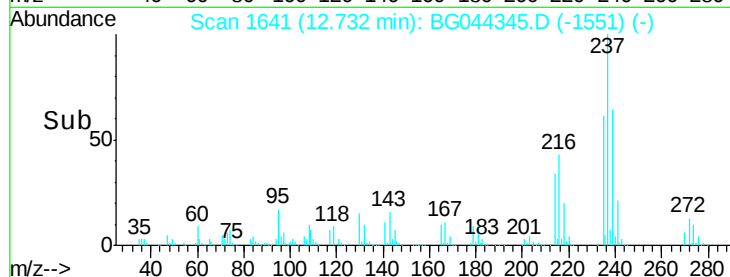
237 100

235 61.3 41.2 81.2

272 13.4 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: 105.296 ng

RT: 16.04 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BG044345.D

Acq: 7 Feb 2020 20:15

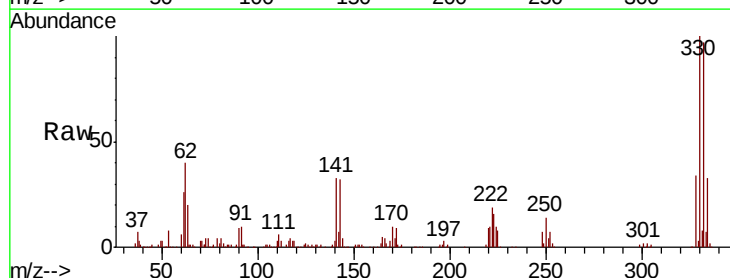
Tgt Ion:330 Resp: 268122

Ion Ratio Lower Upper

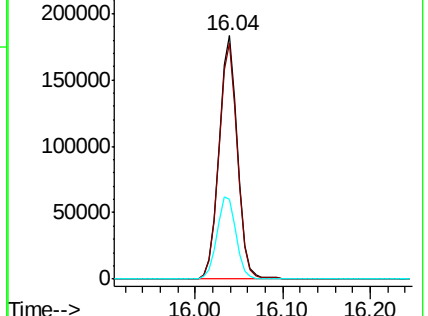
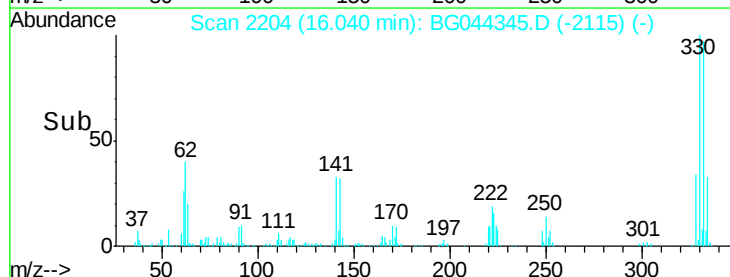
330 100

332 97.0 77.2 115.8

141 35.3 28.3 42.5



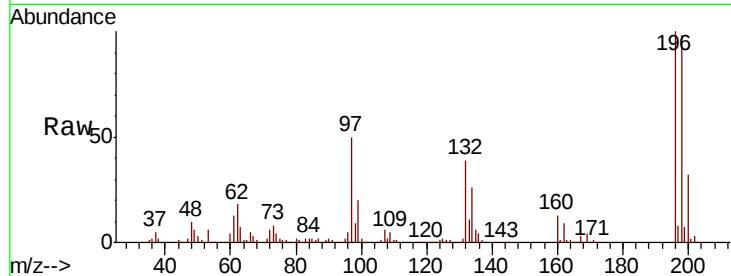
Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#43
 2,4,6-Trichlorophenol
 Concen: 46.851 ng
 RT: 12.98 min Scan# 1684
 Delta R.T. -0.01 min
 Lab File: BG044345.D
 Acq: 7 Feb 2020 20:15

Tot Ion	196	Resp	196490
Ion Ratio	Lower	Upper	
196	100		
198	98.4	79.3	118.9
200	32.4	25.7	38.5

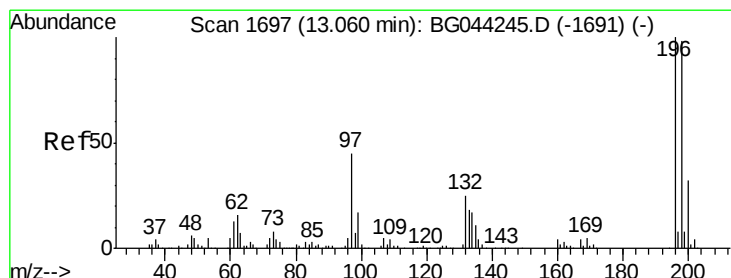
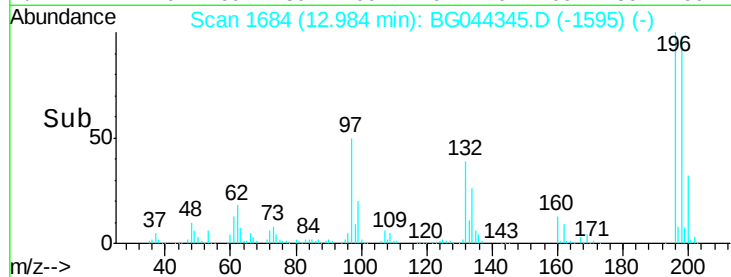
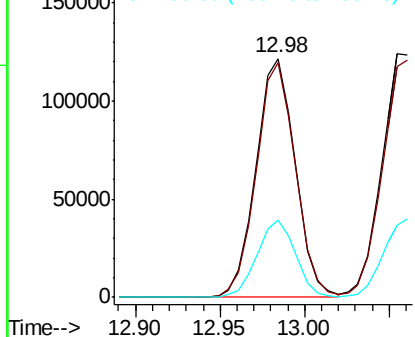


Abundance

Ion 196.00 (195.70 to 196.70): E

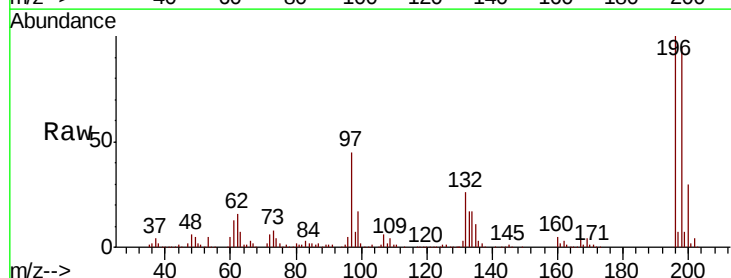
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 49.825 ng
 RT: 13.05 min Scan# 1696
 Delta R.T. -0.01 min
 Lab File: BG044345.D
 Acq: 7 Feb 2020 20:15

Tgt Ion	196	Resp	213435
Ion Ratio	Lower	Upper	
196	100		
198	95.0	78.2	117.2
97	44.6	36.2	54.4
132	25.5	20.2	30.4



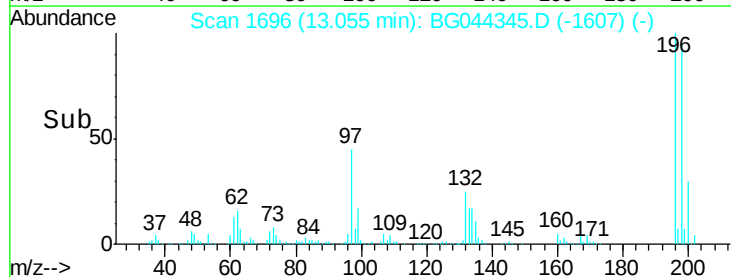
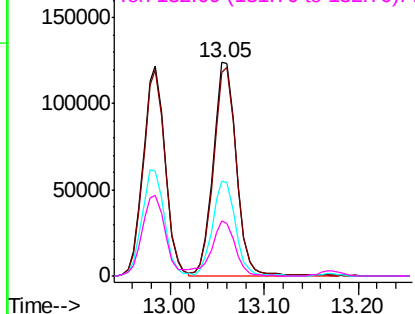
Abundance

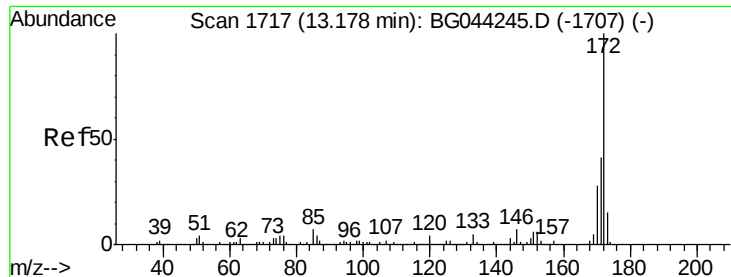
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

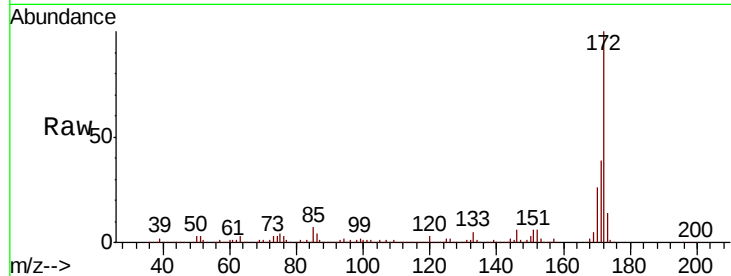
Ion 132.00 (131.70 to 132.70): E



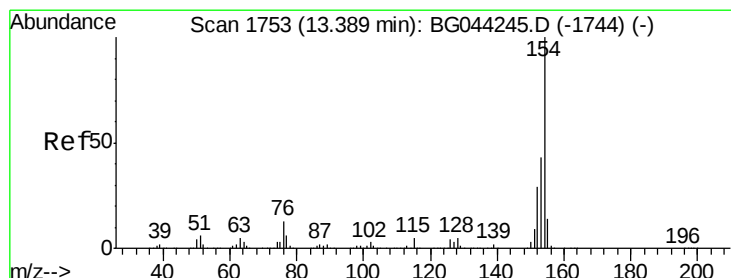
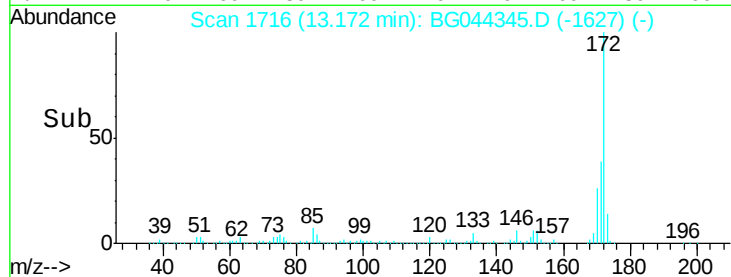
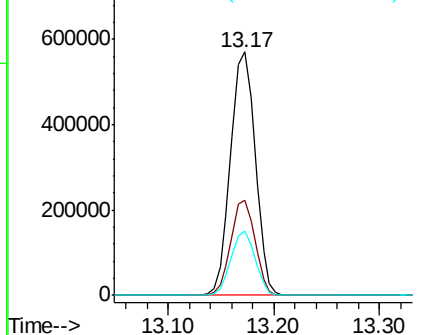


#45
 2-Fluorobiphenyl
 Concen: 71.226 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG044345.D
 Acq: 7 Feb 2020 20:15

Tot Ion:	172	Resp:	922596
Ion	Ratio	Lower	Upper
172	100		
171	39.2	32.9	49.3
170	26.3	22.0	33.0

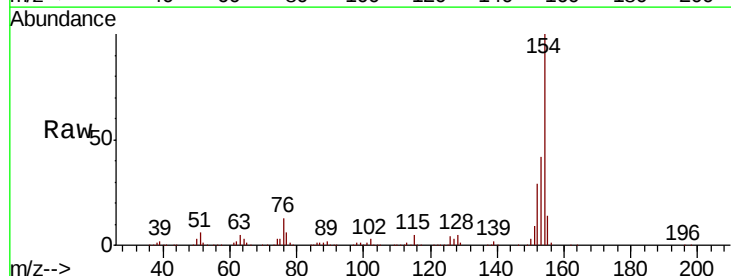


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

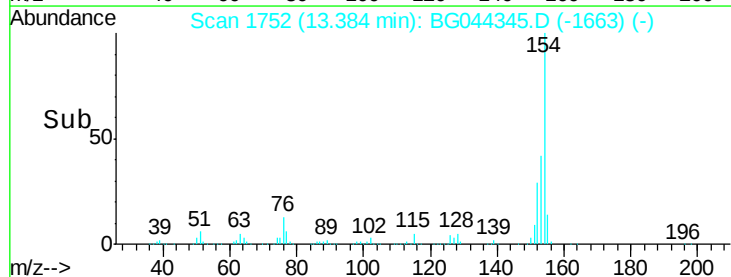
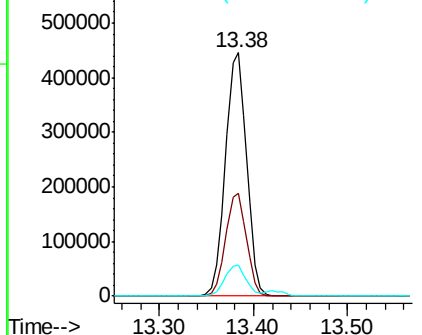


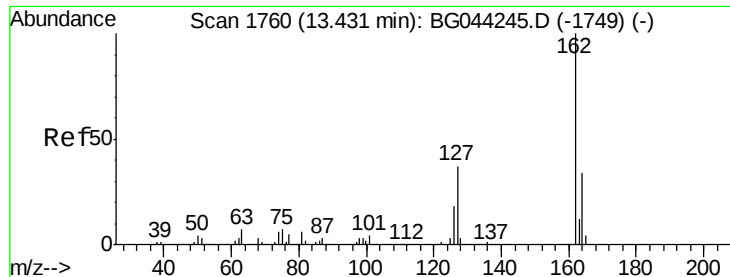
#46
 1,1'-Biphenyl
 Concen: 44.539 ng
 RT: 13.38 min Scan# 1752
 Delta R.T. -0.01 min
 Lab File: BG044345.D
 Acq: 7 Feb 2020 20:15

Tgt Ion:	154	Resp:	696851
Ion	Ratio	Lower	Upper
154	100		
153	42.1	22.7	62.7
76	12.8	0.0	32.9



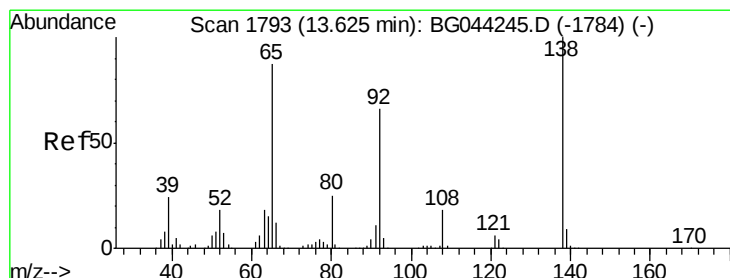
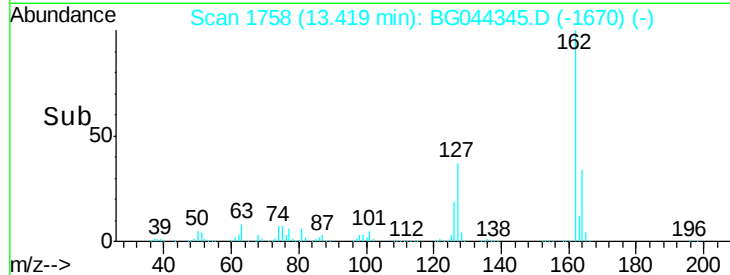
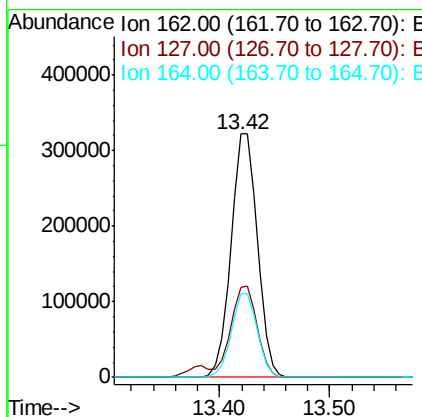
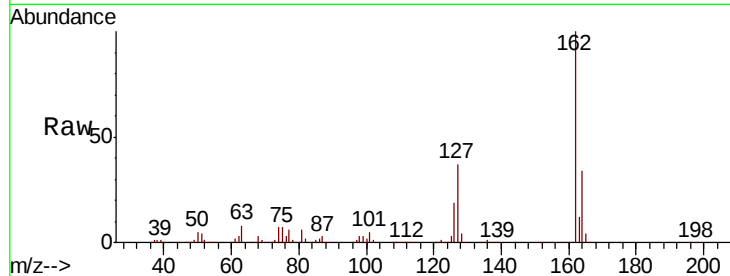
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BG





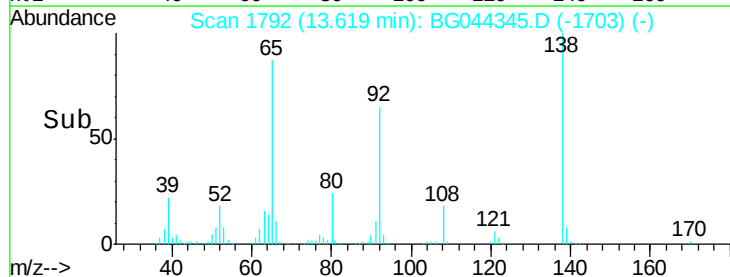
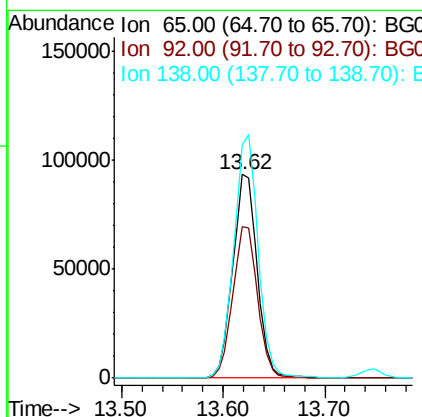
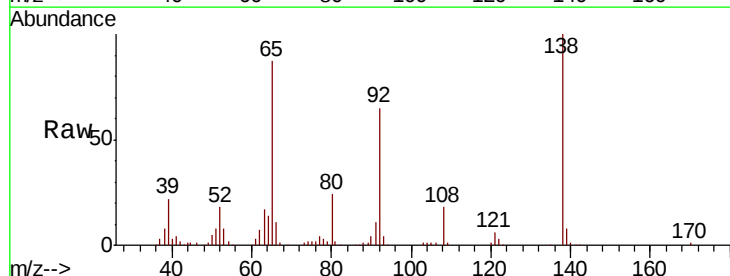
#47
 2-Chloronaphthalene
 Concen: 43.511 ng
 RT: 13.42 min Scan# 1758
 Delta R.T. -0.01 min
 Lab File: BG044345.D
 Acq: 7 Feb 2020 20:15

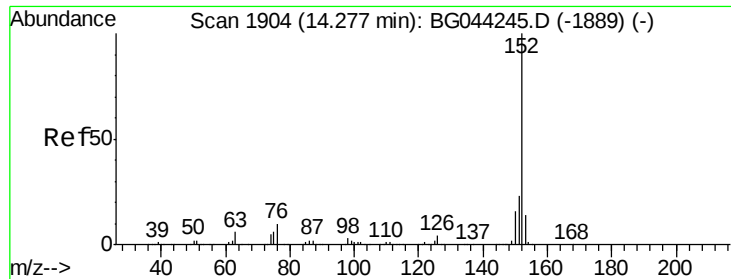
Tot Ion:162 Resp: 541714
 Ion Ratio Lower Upper
 162 100
 127 37.0 30.0 45.0
 164 34.3 27.2 40.8



#48
 2-Nitroaniline
 Concen: 42.706 ng
 RT: 13.62 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: BG044345.D
 Acq: 7 Feb 2020 20:15

Tgt Ion: 65 Resp: 156914
 Ion Ratio Lower Upper
 65 100
 92 74.4 60.3 90.5
 138 114.9 91.9 137.9





#49

Acenaphthylene

Concen: 46.761 ng

RT: 14.27 min Scan# 1903

Delta R.T. -0.01 min

Lab File: BG044345.D

Acq: 7 Feb 2020 20:15

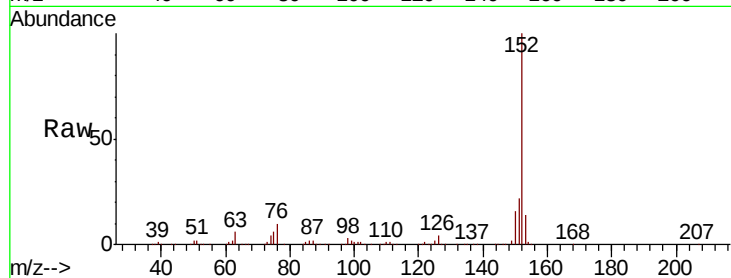
Tot Ion:152 Resp: 853894

Ion Ratio Lower Upper

152 100

151 21.7 18.1 27.1

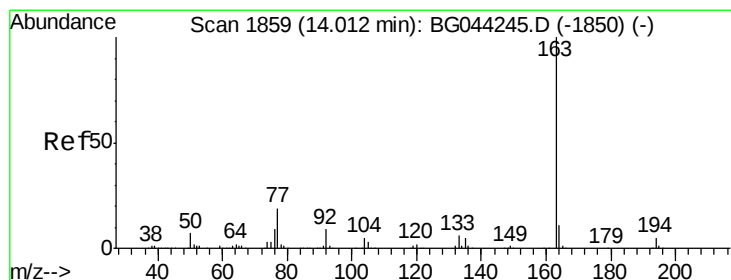
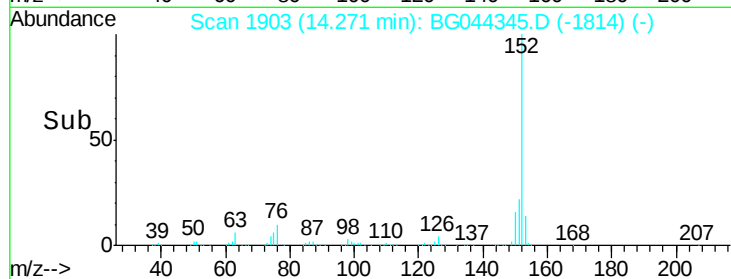
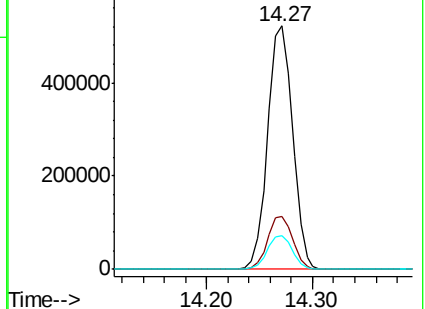
153 14.0 11.5 17.3



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



#50

Dimethylphthalate

Concen: 45.722 ng

RT: 14.01 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BG044345.D

Acq: 7 Feb 2020 20:15

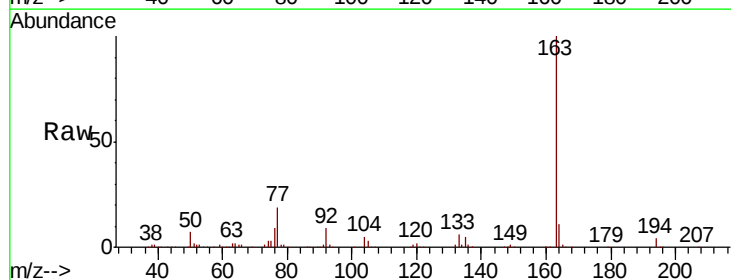
Tgt Ion:163 Resp: 712889

Ion Ratio Lower Upper

163 100

194 4.2 3.6 5.4

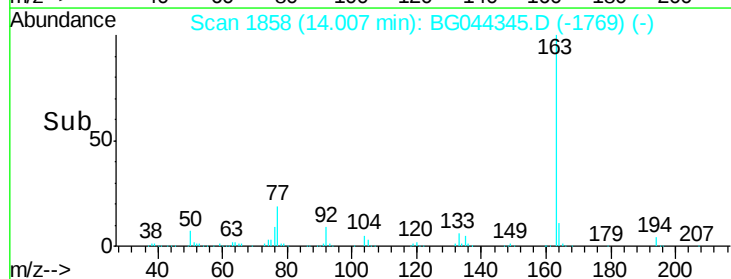
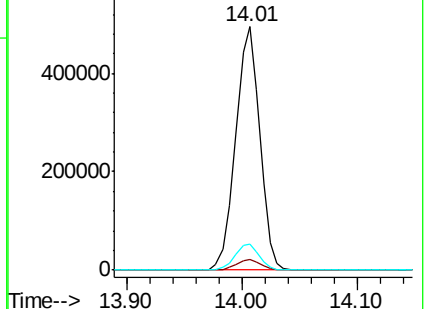
164 10.8 8.7 13.1

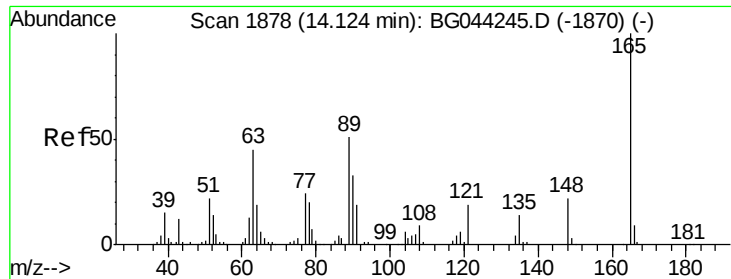


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 45.297 ng

RT: 14.12 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BG044345.D

Acq: 7 Feb 2020 20:15

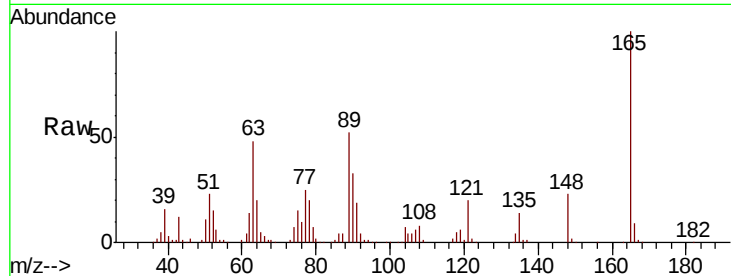
Tot Ion:165 Resp: 157474

Ion Ratio Lower Upper

165 100

63 47.9 38.7 58.1

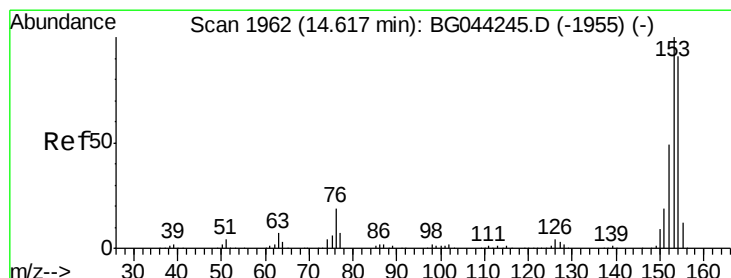
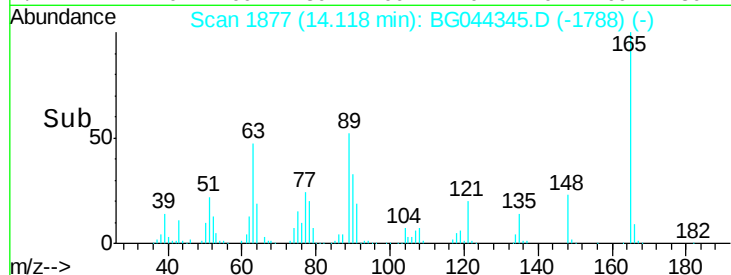
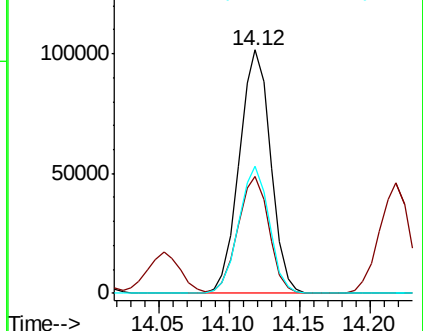
89 52.3 40.4 60.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 44.810 ng

RT: 14.61 min Scan# 1961

Delta R.T. -0.01 min

Lab File: BG044345.D

Acq: 7 Feb 2020 20:15

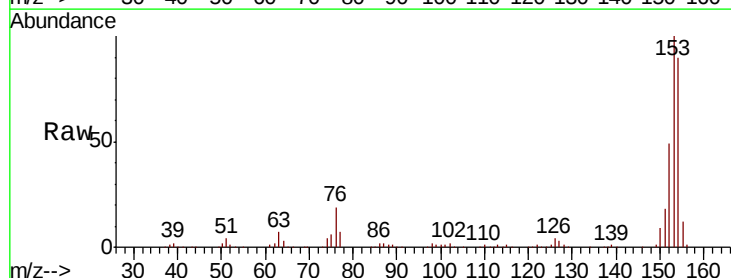
Tgt Ion:154 Resp: 530382

Ion Ratio Lower Upper

154 100

153 111.5 87.9 131.9

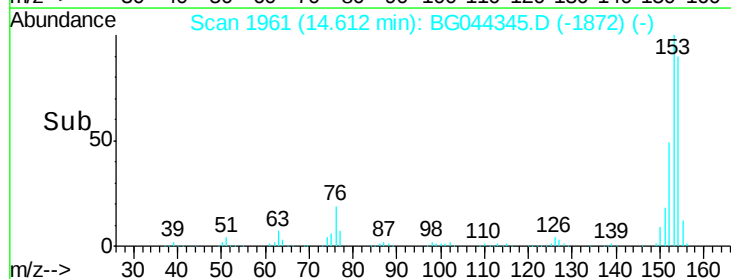
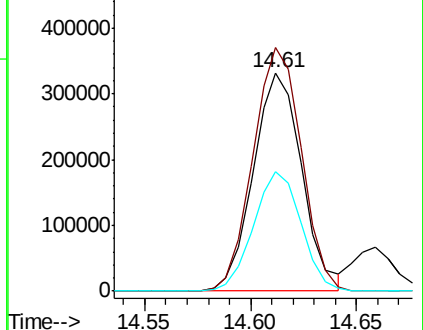
152 54.8 43.1 64.7

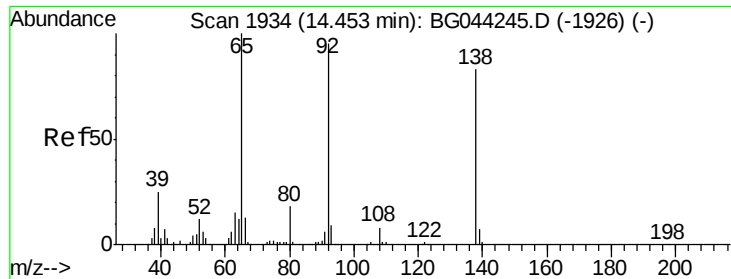


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

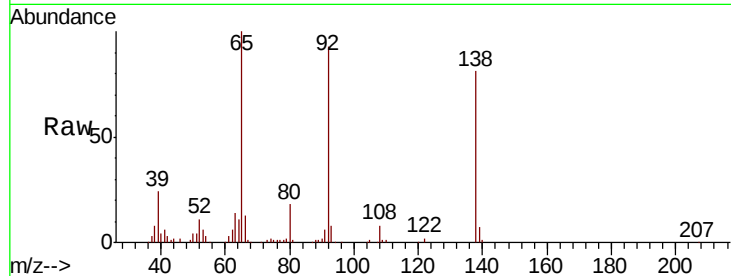
Ion 152.00 (151.70 to 152.70): E



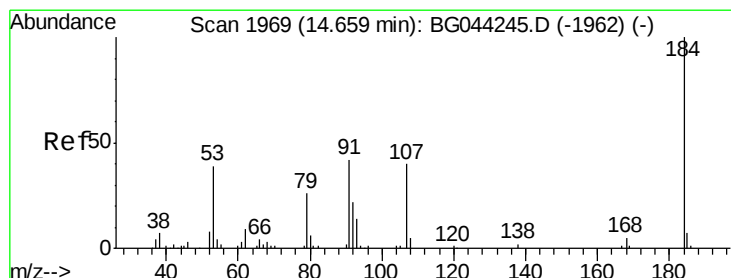
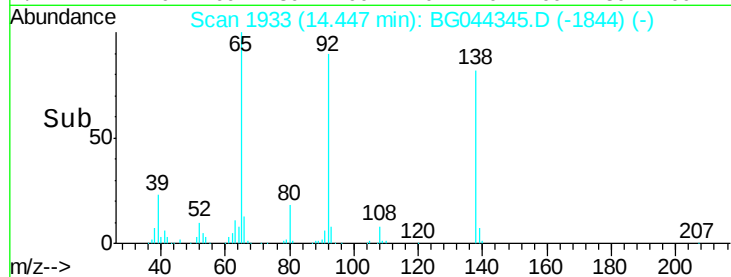
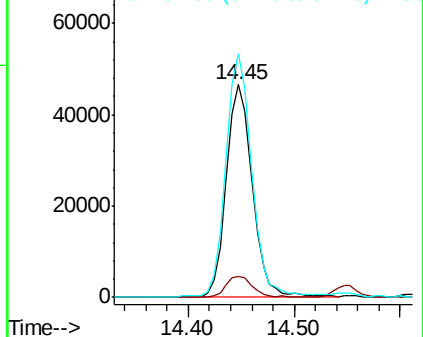


#53
3-Nitroaniline
Concen: 20.724 ng
RT: 14.45 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

Tot Ion:138 Resp: 79707
Ion Ratio Lower Upper
138 100
108 9.7 7.9 11.9
92 114.6 91.0 136.4

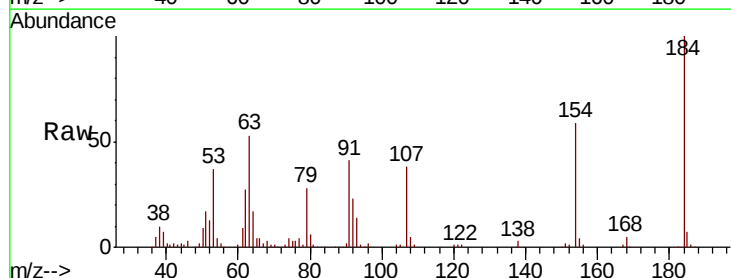


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

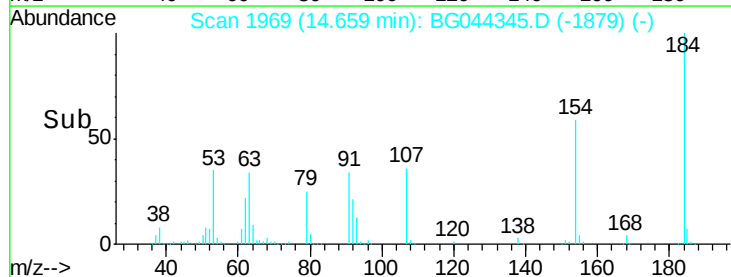
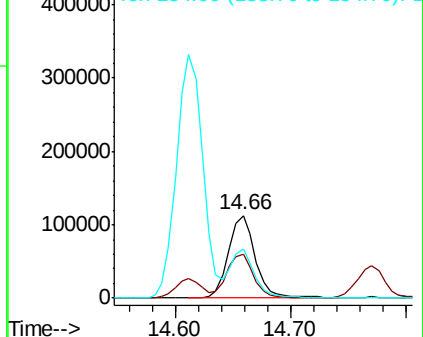


#54
2,4-Dinitrophenol
Concen: 87.746 ng
RT: 14.66 min Scan# 1969
Delta R.T. 0.00 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

Tgt Ion:184 Resp: 182435
Ion Ratio Lower Upper
184 100
63 52.8 44.1 66.1
154 59.3 45.4 68.0



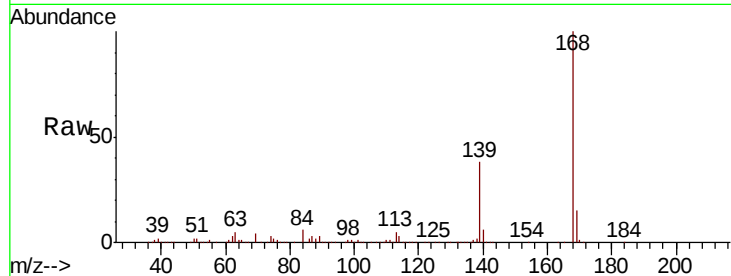
Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E



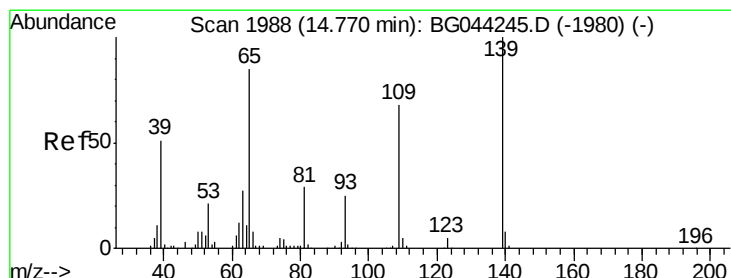
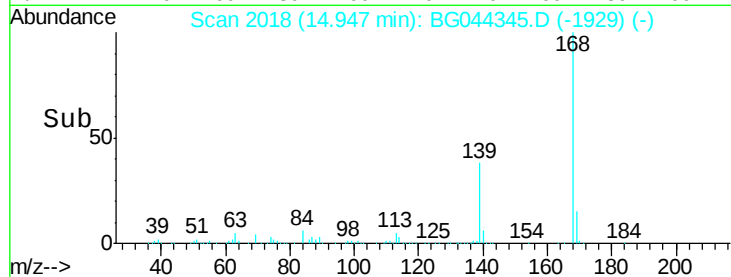
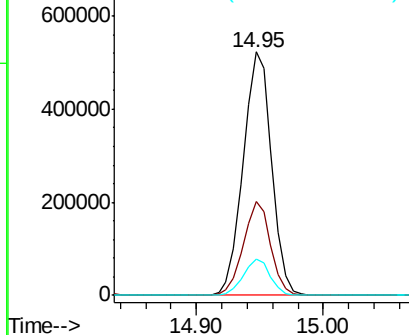


#55
Dibenzofuran
Concen: 45.302 ng
RT: 14.95 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

Tot Ion:168 Resp: 811840
Ion Ratio Lower Upper
168 100
139 38.4 30.5 45.7
169 15.1 11.7 17.5

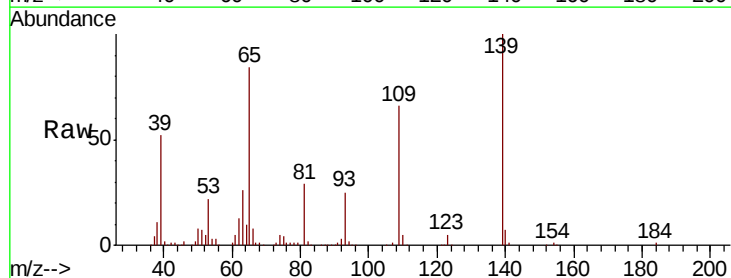


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

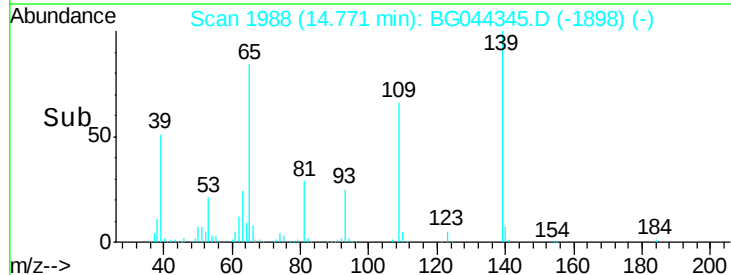
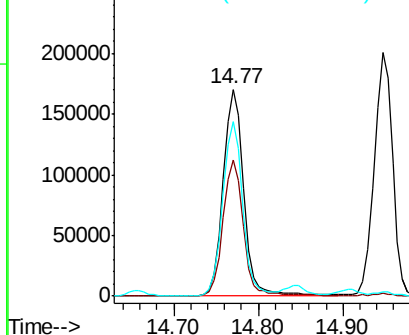


#56
4-Nitrophenol
Concen: 102.735 ng
RT: 14.77 min Scan# 1988
Delta R.T. 0.00 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

Tgt Ion:139 Resp: 289442
Ion Ratio Lower Upper
139 100
109 65.6 47.5 87.5
65 84.4 64.9 104.9



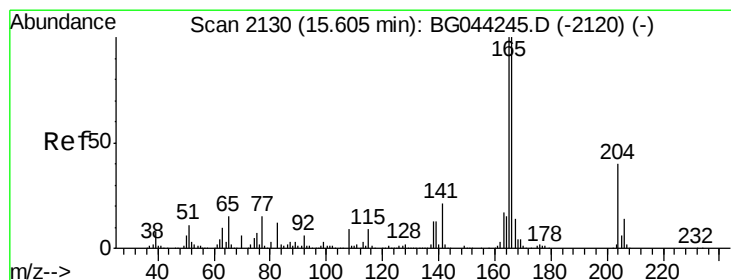
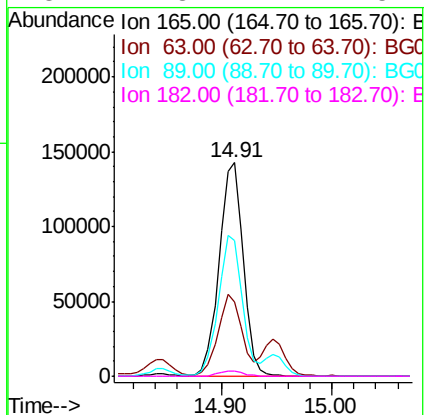
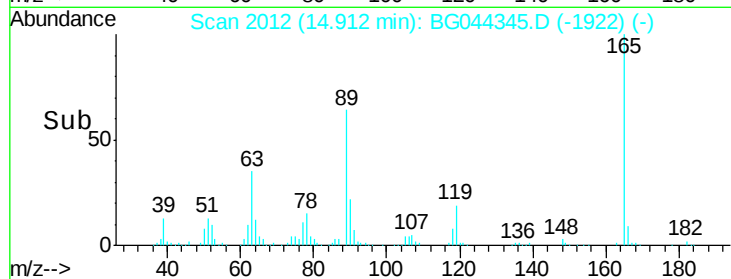
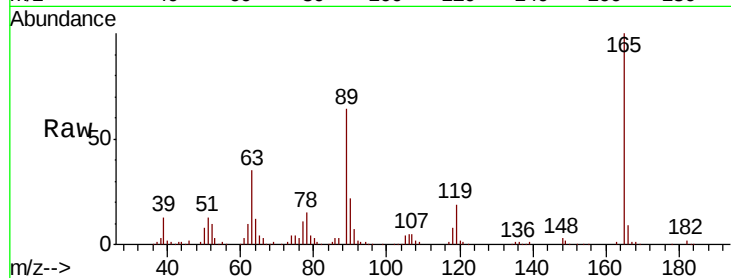
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BG





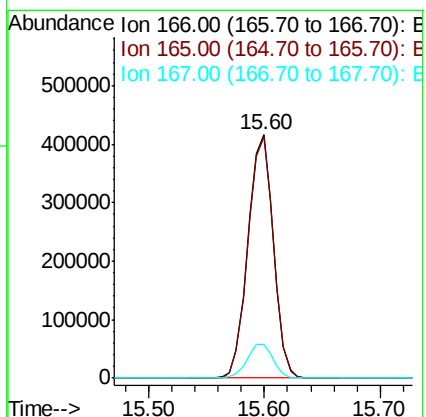
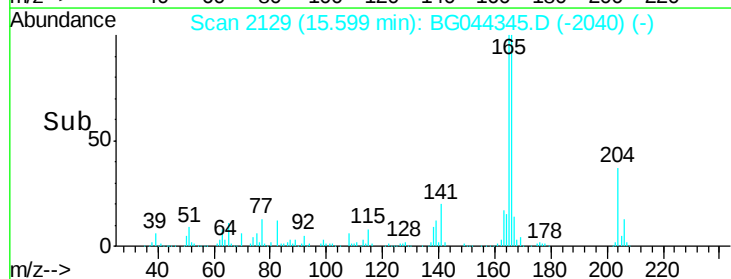
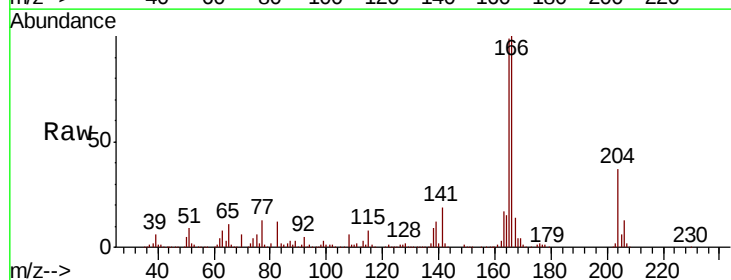
#57
2,4-Dinitrotoluene
Concen: 44.485 ng
RT: 14.91 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

Tot Ion:165	Resp:	216757	
Ion Ratio	Lower	Upper	
165 100			
63 34.8	30.3	45.5	
89 63.7	53.4	80.2	
182 2.3	2.1	3.1	



#58
Fluorene
Concen: 45.229 ng
RT: 15.60 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

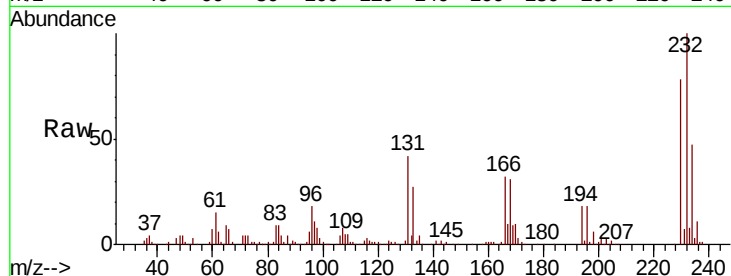
Tgt	Ion:166	Resp:	638404
Ion	Ratio	Lower	Upper
166	100		
165	99.3	79.9	119.9
167	14.0	11.4	17.0



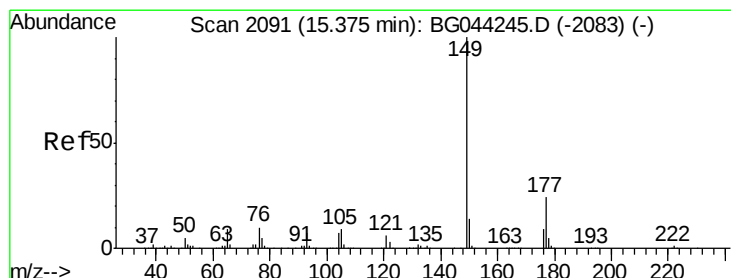
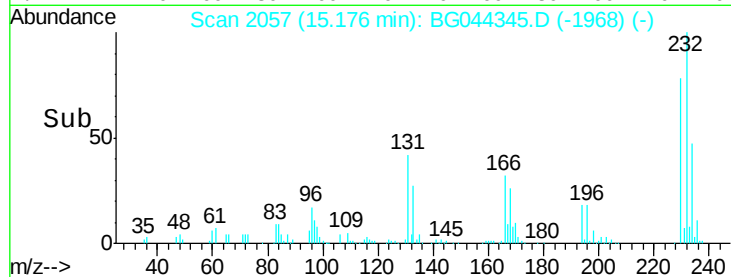
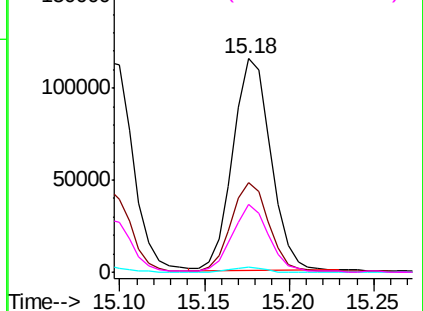


#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.870 ng
 RT: 15.18 min Scan# 2057
 Delta R.T. -0.01 min
 Lab File: BG044345.D
 Acq: 7 Feb 2020 20:15

Tot Ion:232	Resp:	181354
Ion Ratio	Lower	Upper
232	100	
131	42.1	34.2 51.4
130	2.2	1.8 2.8
166	30.4	23.8 35.8

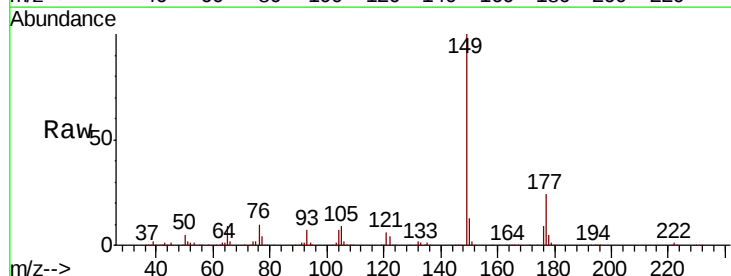


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

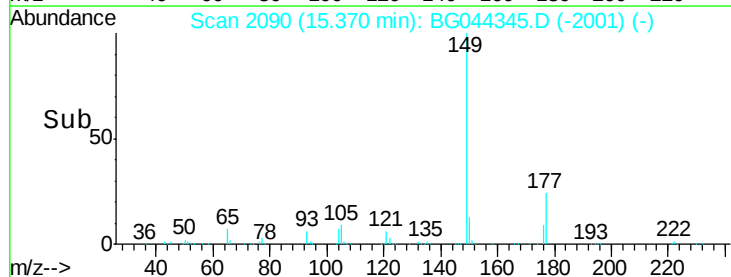
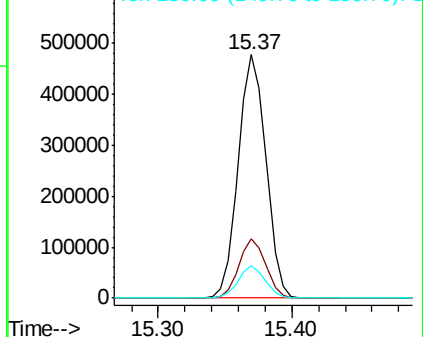


#60
 Diethylphthalate
 Concen: 44.115 ng
 RT: 15.37 min Scan# 2090
 Delta R.T. -0.01 min
 Lab File: BG044345.D
 Acq: 7 Feb 2020 20:15

Tgt Ion:149	Resp:	685372
Ion Ratio	Lower	Upper
149	100	
177	24.2	19.4 29.0
150	13.1	10.9 16.3



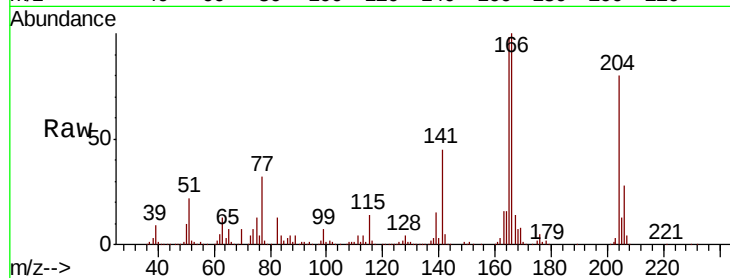
Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





#61
4-Chlorophenyl-phenylether
Concen: 44.028 ng
RT: 15.59 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.6	27.6	41.4
141	56.4	43.4	65.0

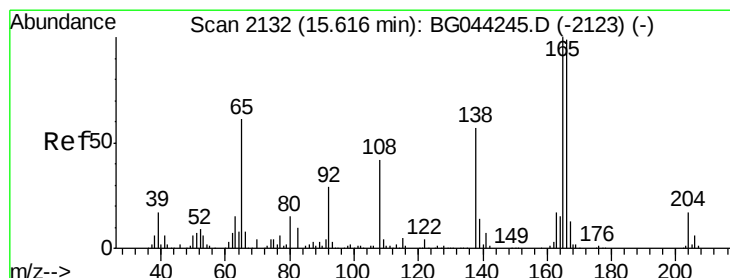
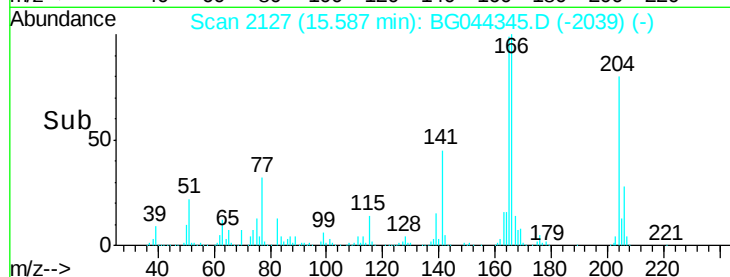
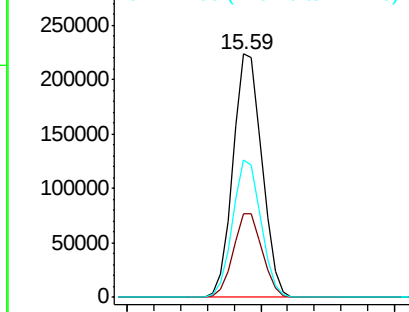


Abundance

Ion 204.00 (203.70 to 204.70): E

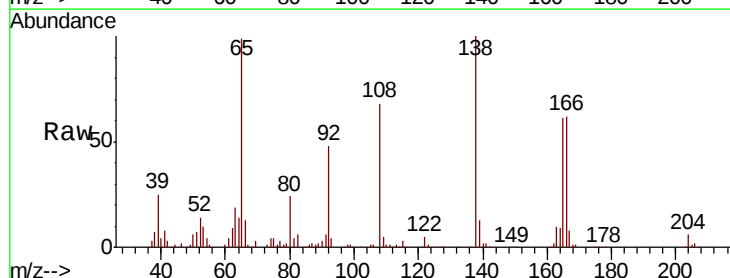
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 40.111 ng
RT: 15.62 min Scan# 2132
Delta R.T. 0.00 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.2	31.3	71.3
108	68.2	52.6	92.6

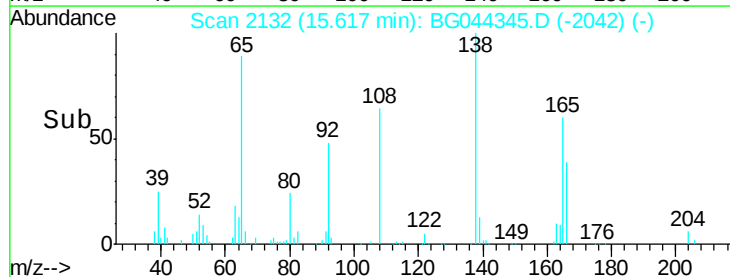
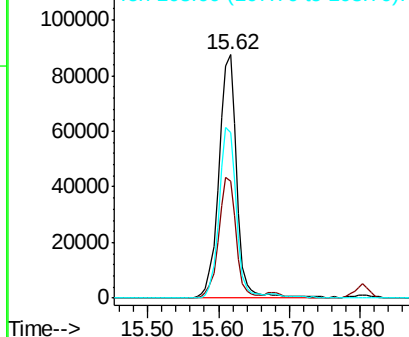


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

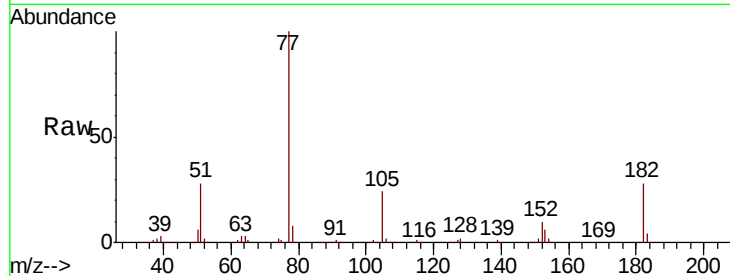
Ion 108.00 (107.70 to 108.70): E



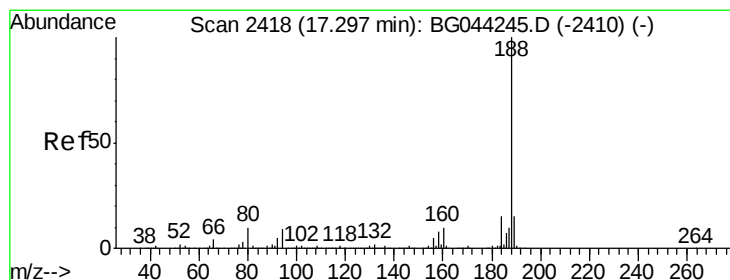
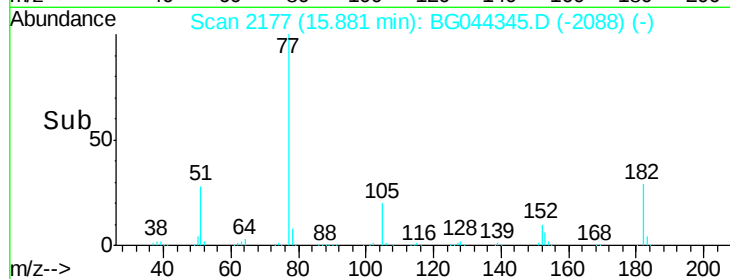
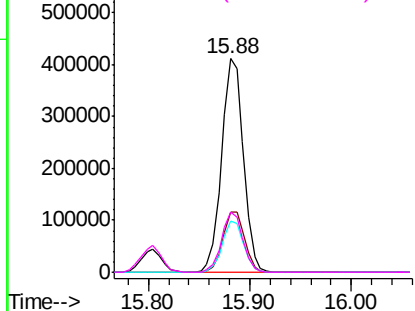


#63
Azobenzene
Concen: 44.792 ng
RT: 15.88 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

Tot Ion:	77	Resp:	609908
Ion	Ratio	Lower	Upper
77	100		
182	28.3	8.2	48.2
105	23.8	3.6	43.6
51	28.1	8.3	48.3

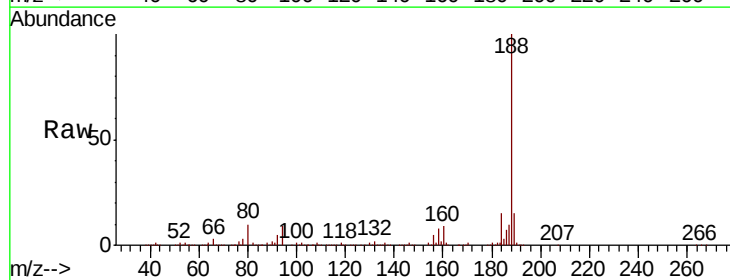


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

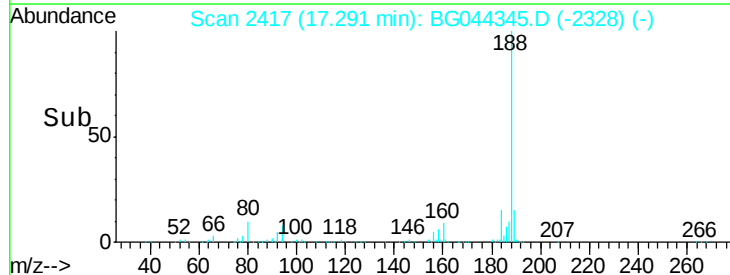
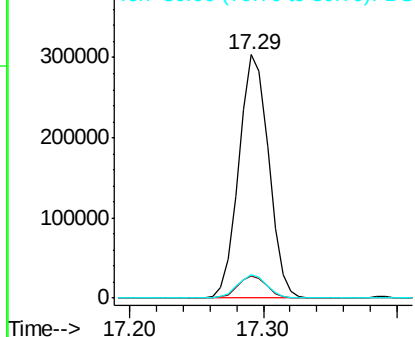


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.29 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

Tgt Ion:	188	Resp:	469259
Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.4	11.2
80	9.8	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: 52.533 ng

RT: 15.68 min Scan# 2142

Delta R.T. -0.01 min

Lab File: BG044345.D

Acq: 7 Feb 2020 20:15

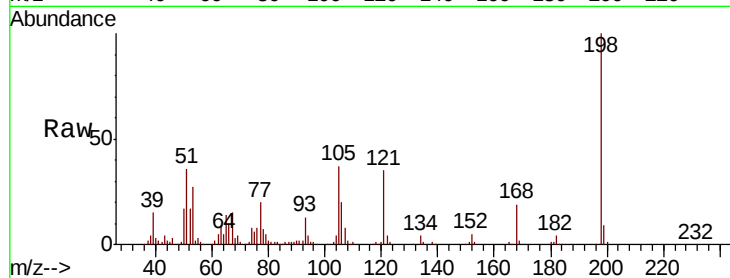
Tot Ion:198 Resp: 136077

Ion	Ratio	Lower	Upper
198	100		
51	35.9	16.6	56.6
105	37.4	20.6	60.6

198 100

51 35.9 16.6 56.6

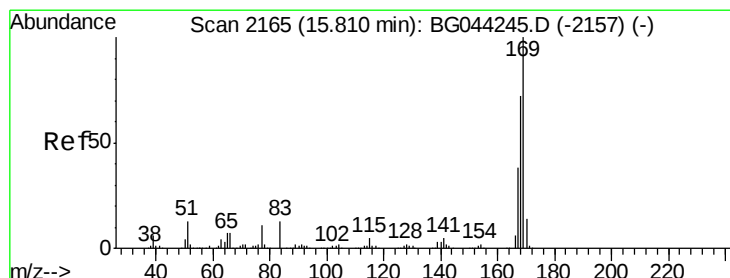
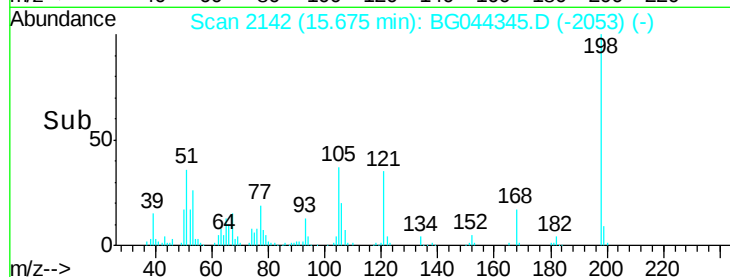
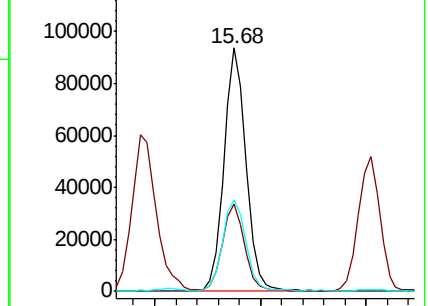
105 37.4 20.6 60.6



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: 45.548 ng

RT: 15.80 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BG044345.D

Acq: 7 Feb 2020 20:15

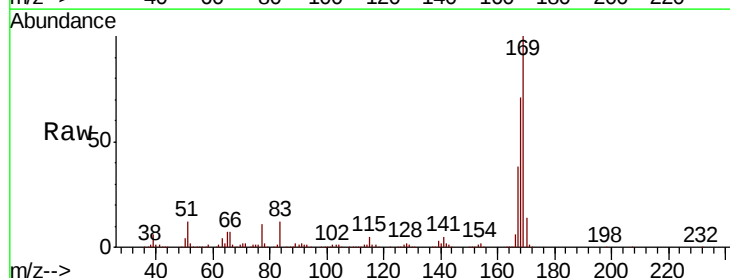
Tgt Ion:169 Resp: 598986

Ion	Ratio	Lower	Upper
169	100		
168	70.6	57.9	86.9
167	37.5	30.7	46.1

169 100

168 70.6 57.9 86.9

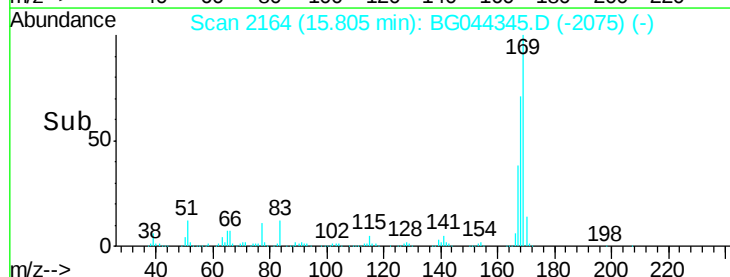
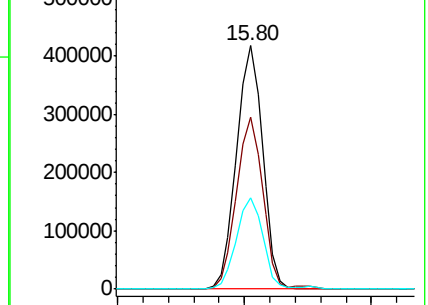
167 37.5 30.7 46.1

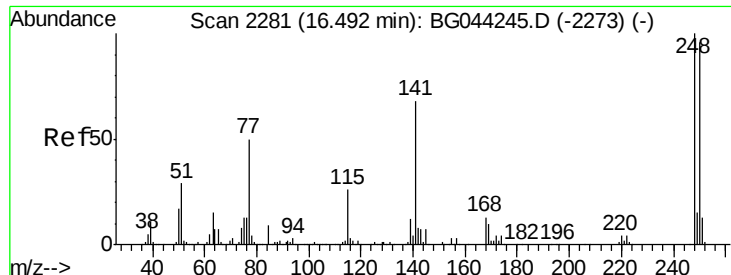


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

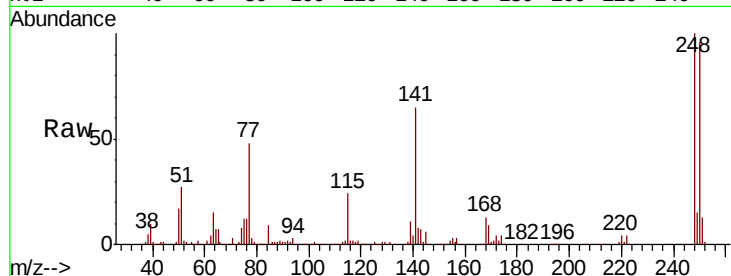
Ion 167.00 (166.70 to 167.70): E



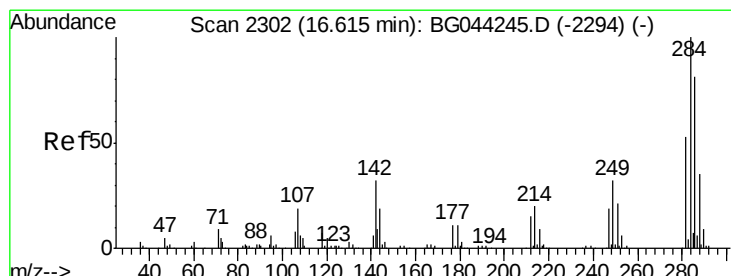
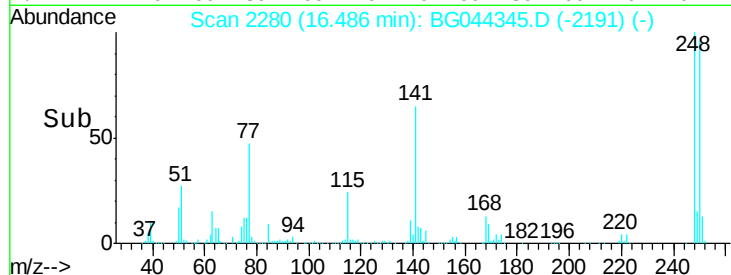
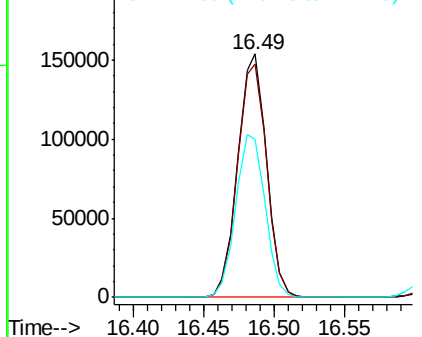


#67
 4-Bromophenyl-phenylether
 Concen: 42.839 ng
 RT: 16.49 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BG044345.D
 Acq: 7 Feb 2020 20:15

Tot Ion:248 Resp: 219014
 Ion Ratio Lower Upper
 248 100
 250 95.8 76.6 114.8
 141 64.8 54.7 82.1

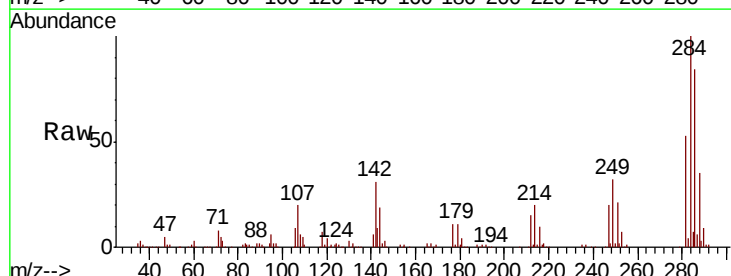


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

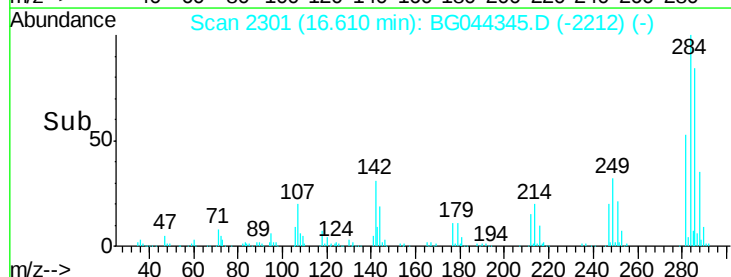
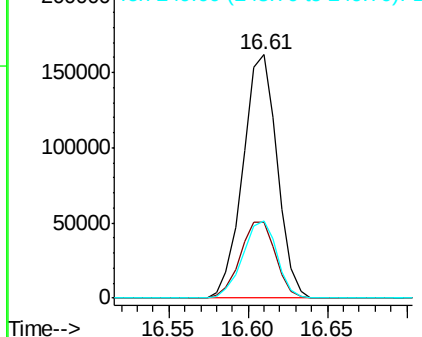


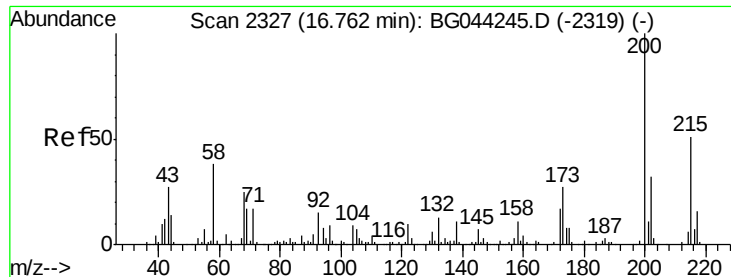
#68
 Hexachlorobenzene
 Concen: 42.272 ng
 RT: 16.61 min Scan# 2301
 Delta R.T. -0.01 min
 Lab File: BG044345.D
 Acq: 7 Feb 2020 20:15

Tgt Ion:284 Resp: 242121
 Ion Ratio Lower Upper
 284 100
 142 31.2 25.3 37.9
 249 31.5 25.5 38.3



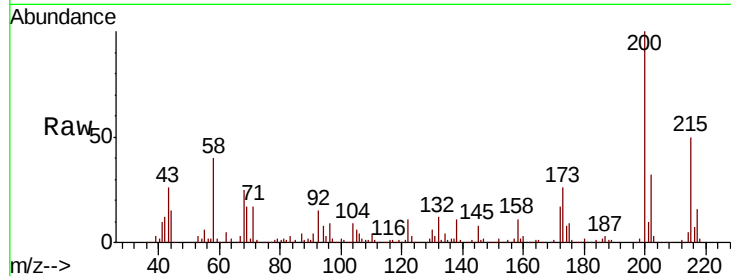
Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E



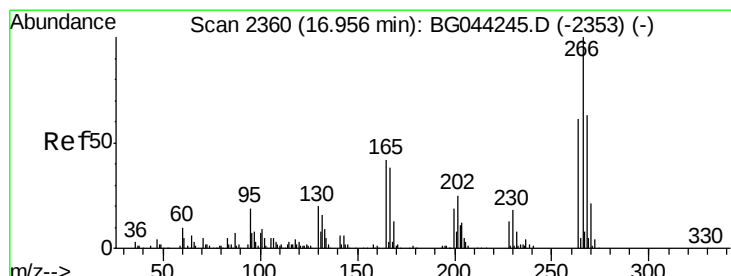
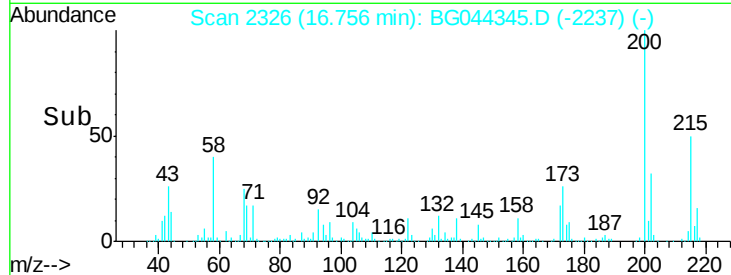
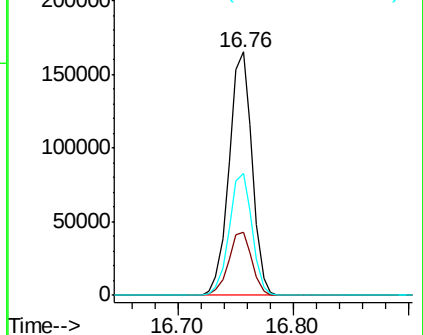


#69
Atrazine
Concen: 50.503 ng
RT: 16.76 min Scan# 2326
Delta R.T. -0.01 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.0	6.6	46.6
215	50.1	31.0	71.0

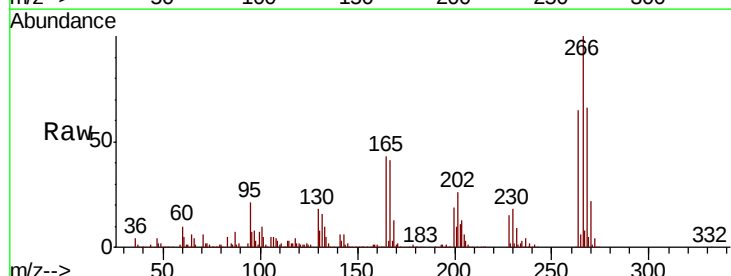


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

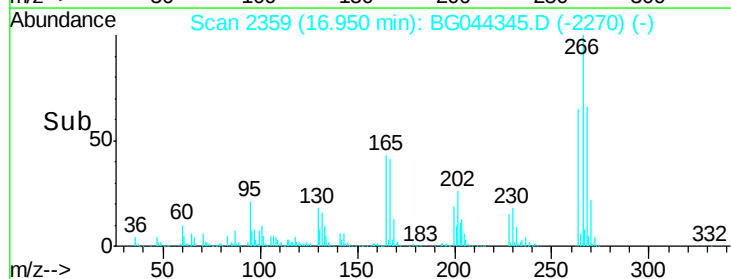
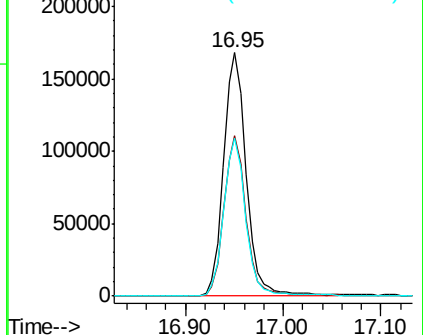


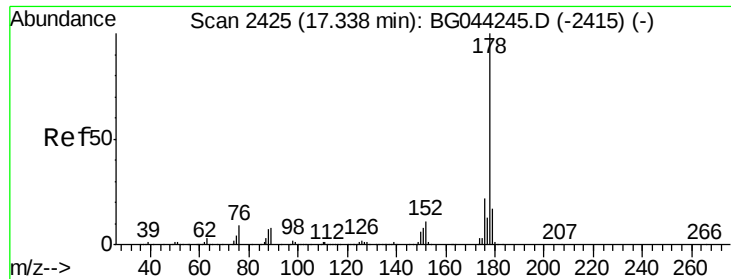
#70
Pentachlorophenol
Concen: 93.447 ng
RT: 16.95 min Scan# 2359
Delta R.T. -0.00 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.7	50.6	75.8
264	65.0	48.7	73.1



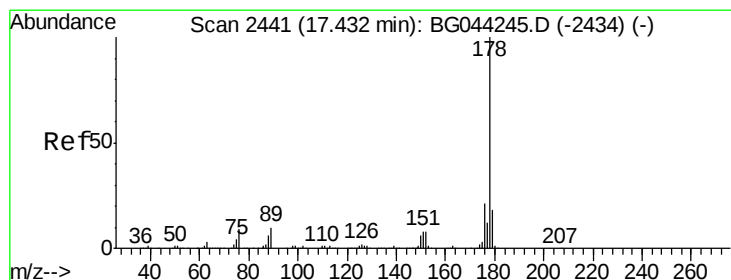
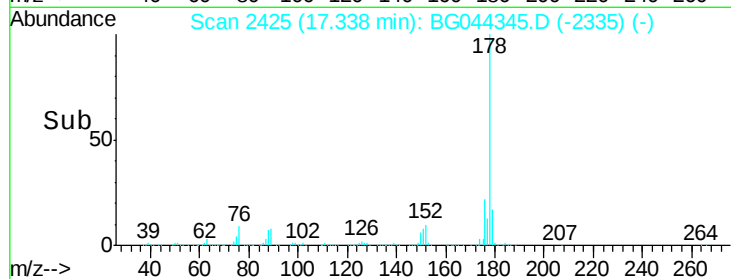
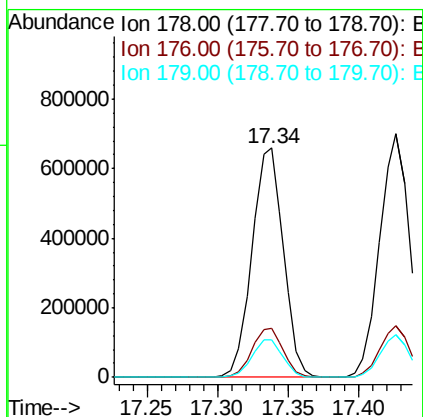
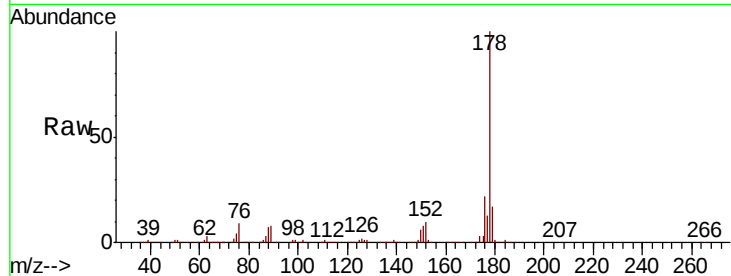
Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





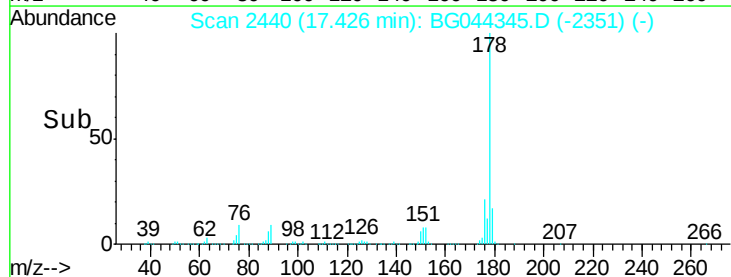
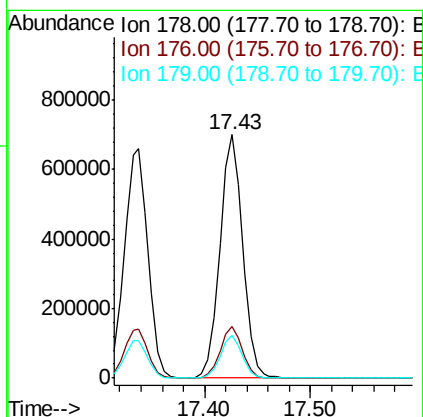
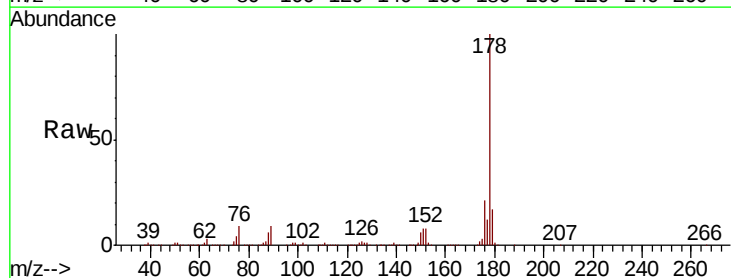
#71
Phenanthrene
Concen: 45.361 ng
RT: 17.34 min Scan# 2425
Delta R.T. 0.00 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

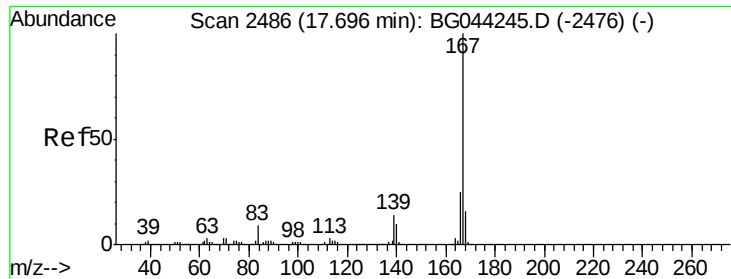
Tot Ion:178 Resp: 1030741
Ion Ratio Lower Upper
178 100
176 21.6 17.7 26.5
179 16.7 13.7 20.5



#72
Anthracene
Concen: 46.545 ng
RT: 17.43 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

Tgt Ion:178 Resp: 1045650
Ion Ratio Lower Upper
178 100
176 21.2 17.0 25.4
179 17.4 14.4 21.6





#73

Carbazole

Concen: 45.697 ng

RT: 17.69 min Scan# 2485

Delta R.T. -0.01 min

Lab File: BG044345.D

Acq: 7 Feb 2020 20:15

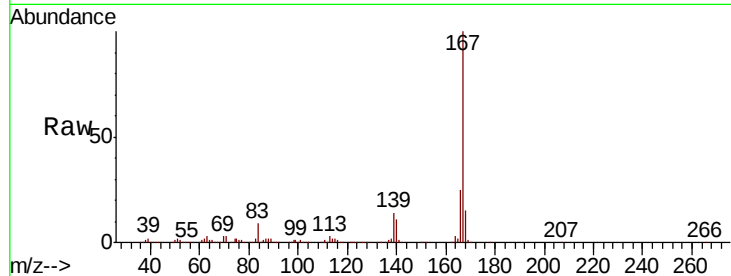
Tot Ion:167 Resp: 946412

Ion Ratio Lower Upper

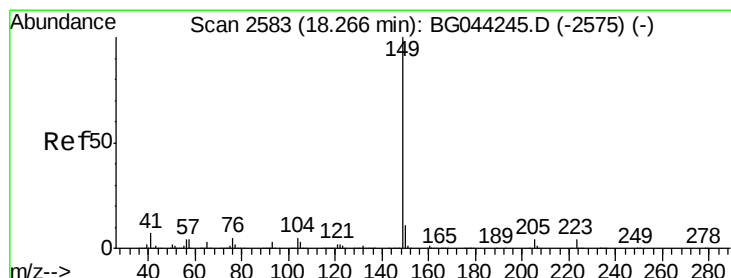
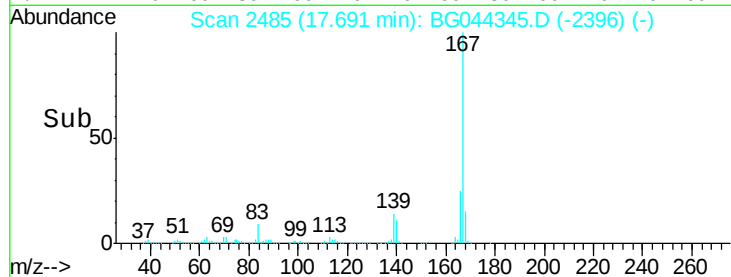
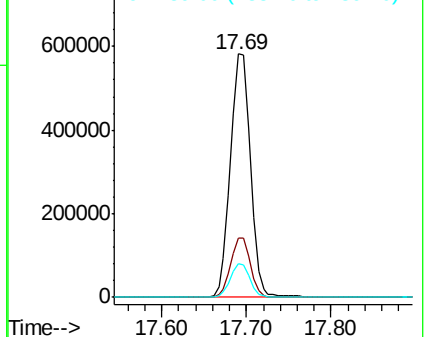
167 100

166 24.6 19.8 29.6

139 13.8 11.1 16.7



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



#74

Di-n-butylphthalate

Concen: 45.699 ng

RT: 18.26 min Scan# 2582

Delta R.T. -0.01 min

Lab File: BG044345.D

Acq: 7 Feb 2020 20:15

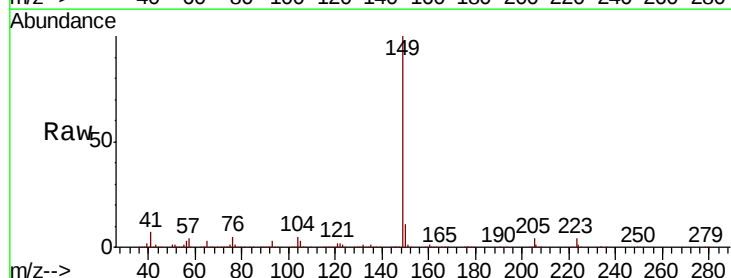
Tgt Ion:149 Resp: 1169582

Ion Ratio Lower Upper

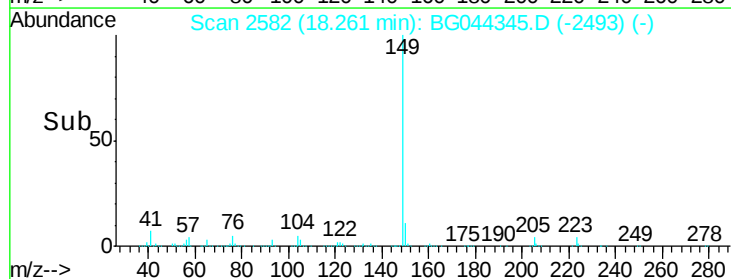
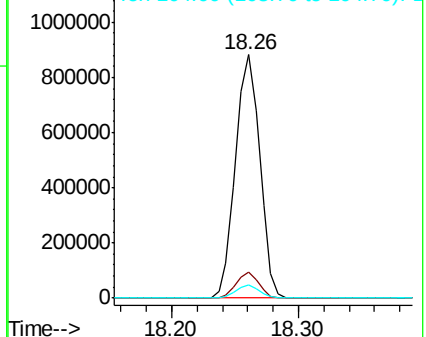
149 100

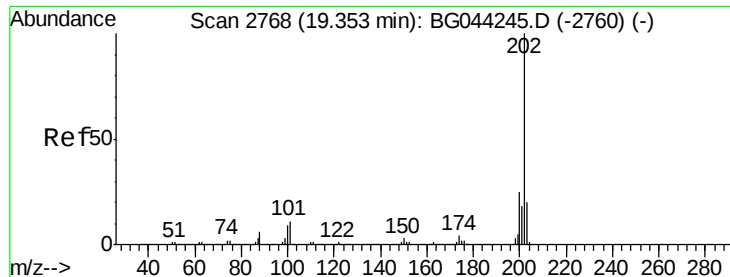
150 10.7 8.7 13.1

104 5.2 4.3 6.5



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





#75

Fluoranthene

Concen: 47.008 ng

RT: 19.34 min Scan# 2766

Delta R.T. -0.01 min

Lab File: BG044345.D

Acq: 7 Feb 2020 20:15

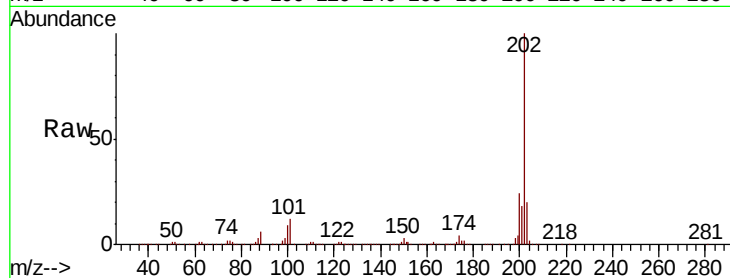
Tot Ion:202 Resp: 1235668

Ion Ratio Lower Upper

202 100

101 11.8 0.0 31.3

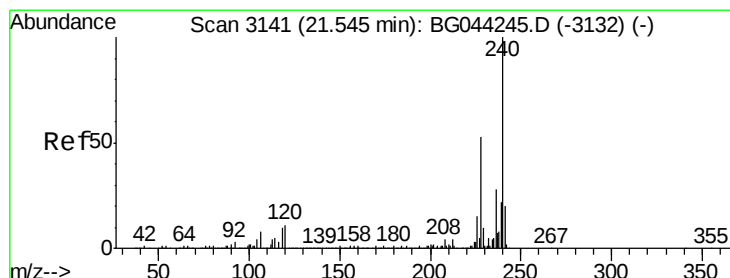
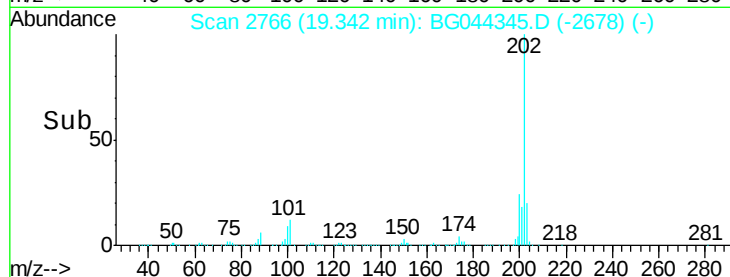
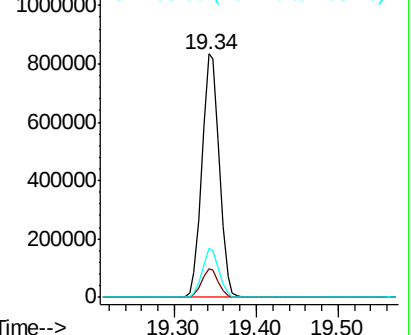
203 20.2 0.0 39.9



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: BG044345.D

Acq: 7 Feb 2020 20:15

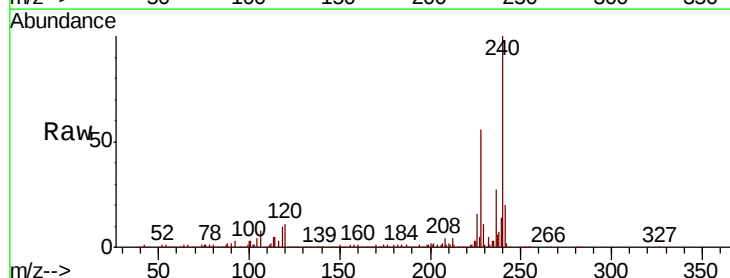
Tgt Ion:240 Resp: 440907

Ion Ratio Lower Upper

240 100

120 11.0 8.4 12.6

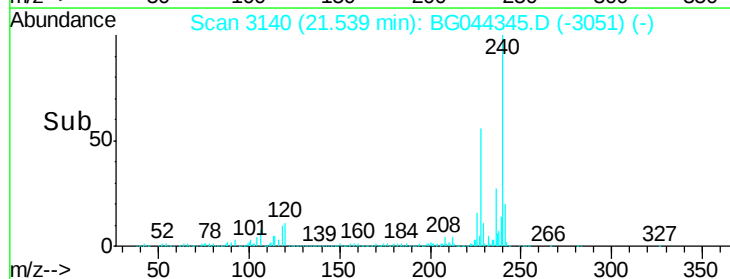
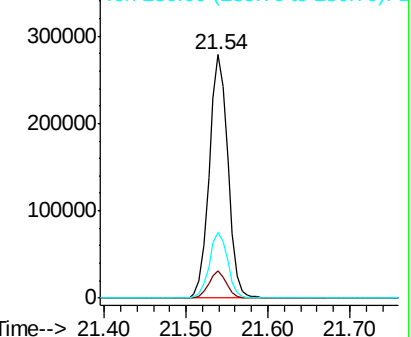
236 27.2 22.1 33.1



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: 23.948 ng

RT: 19.52 min Scan# 2797

Delta R.T. -0.01 min

Lab File: BG044345.D

Acq: 7 Feb 2020 20:15

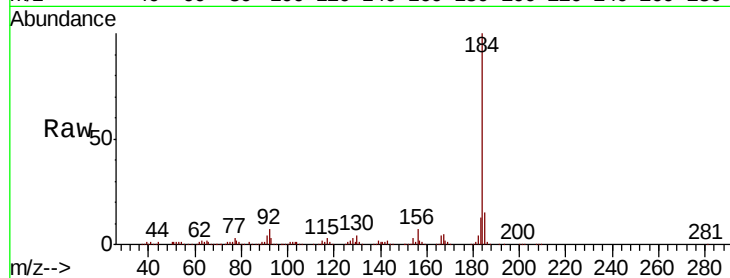
Tot Ion:184 Resp: 292879

Ion Ratio Lower Upper

184 100

185 15.0 12.9 19.3

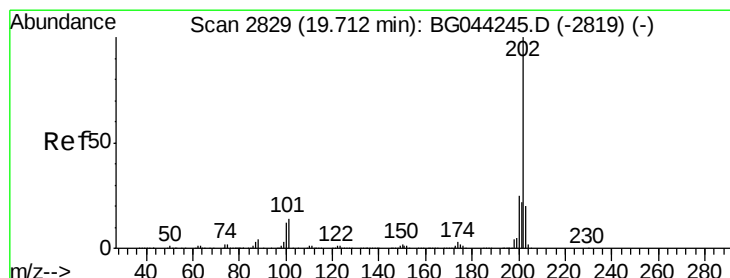
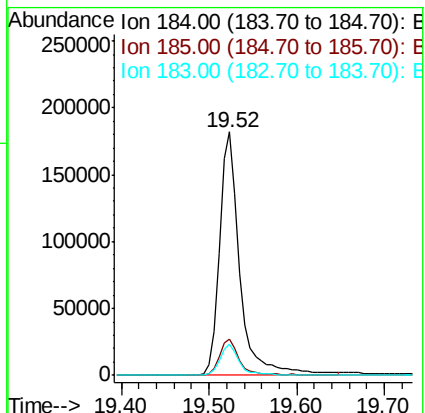
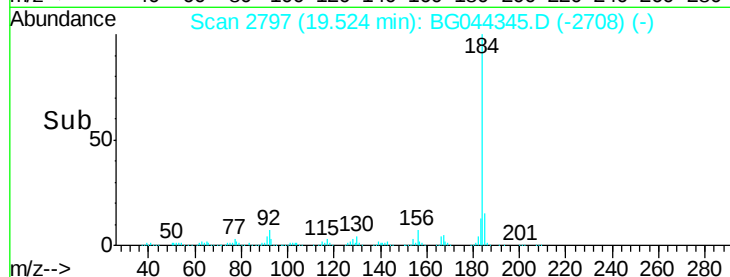
183 12.8 10.8 16.2



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: 43.646 ng

RT: 19.71 min Scan# 2828

Delta R.T. -0.01 min

Lab File: BG044345.D

Acq: 7 Feb 2020 20:15

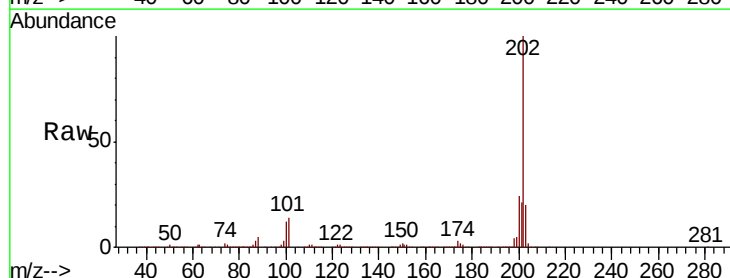
Tgt Ion:202 Resp: 1235834

Ion Ratio Lower Upper

202 100

200 24.5 20.0 30.0

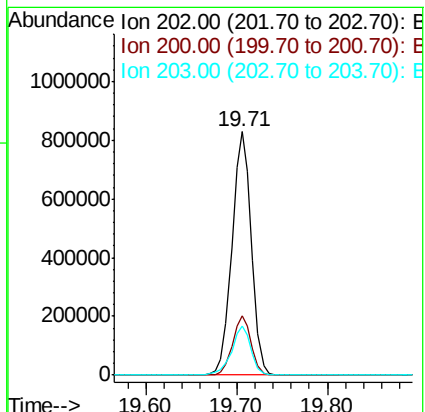
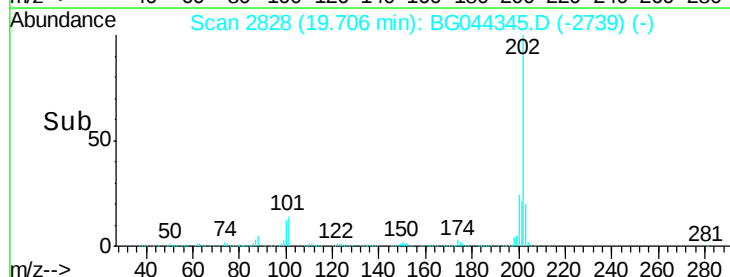
203 20.0 16.2 24.2

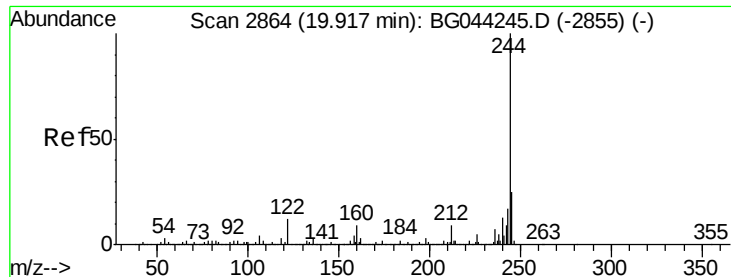


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 64.390 ng

RT: 19.91 min Scan# 2862

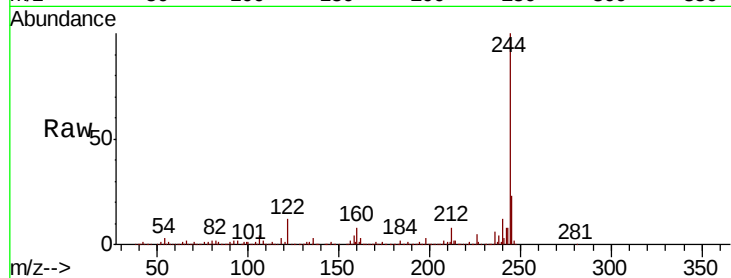
Delta R.T. -0.01 min

Lab File: BG044345.D

Acq: 7 Feb 2020 20:15

Tot Ion:244 Resp: 1380249

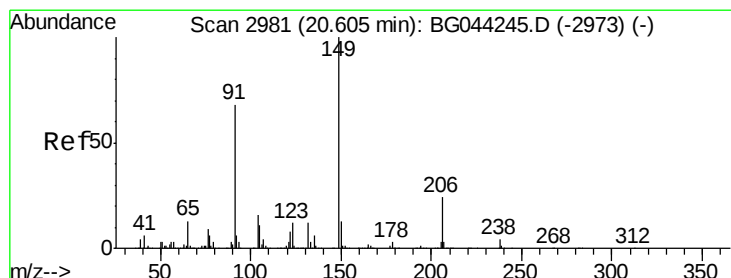
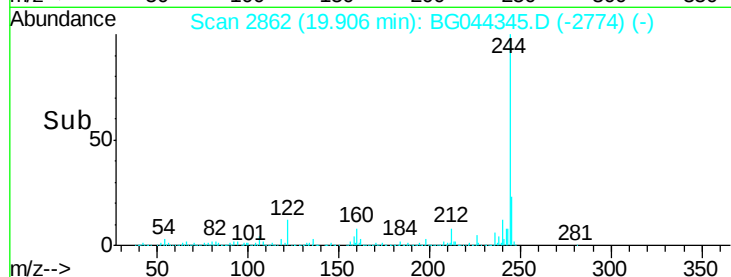
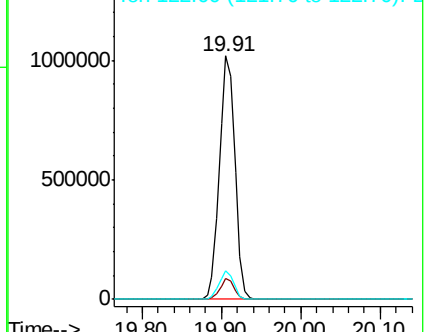
Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.4	11.2
122	11.8	9.8	14.6



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: 41.763 ng

RT: 20.60 min Scan# 2980

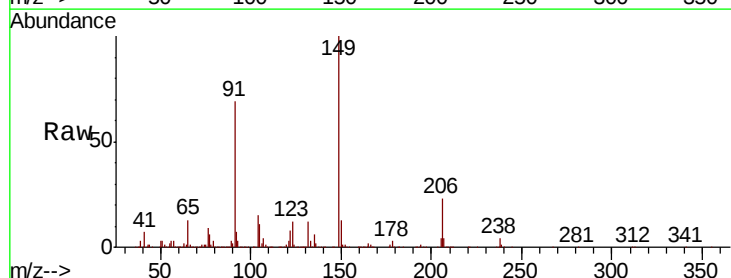
Delta R.T. -0.01 min

Lab File: BG044345.D

Acq: 7 Feb 2020 20:15

Tgt Ion:149 Resp: 538891

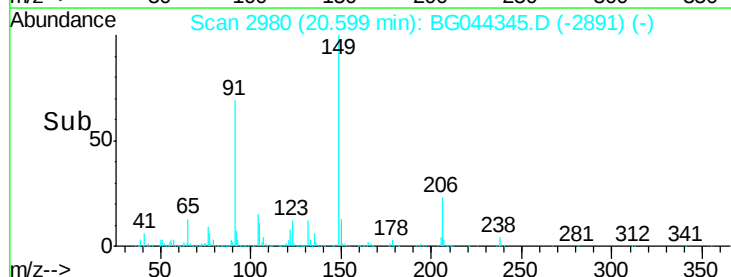
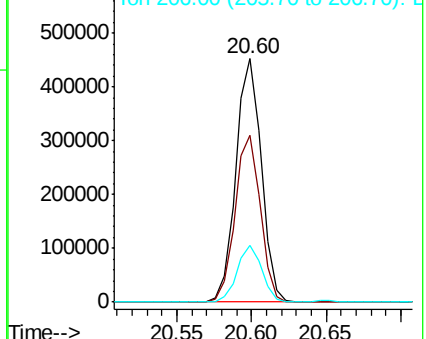
Ion	Ratio	Lower	Upper
149	100		
91	68.5	54.5	81.7
206	23.4	19.1	28.7

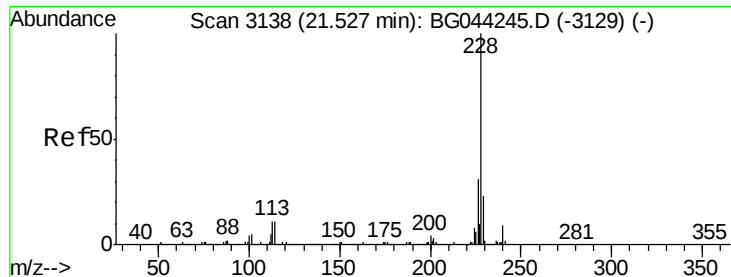


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

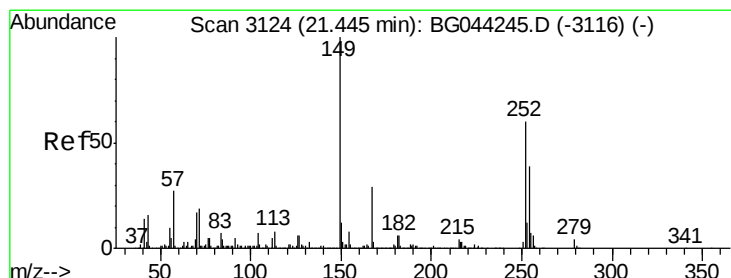
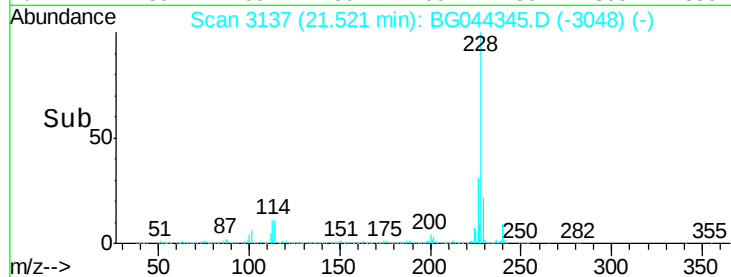
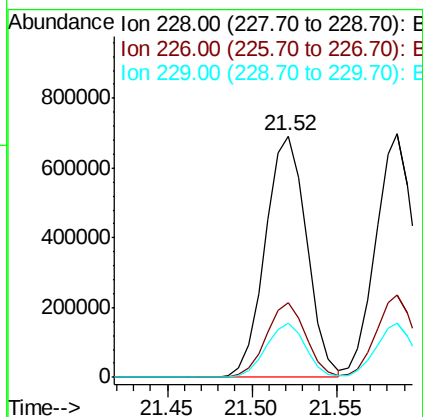
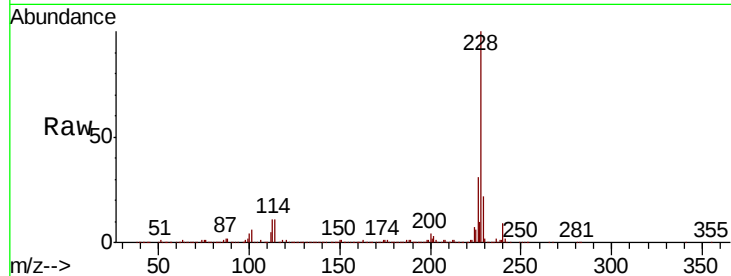
Ion 206.00 (205.70 to 206.70): E





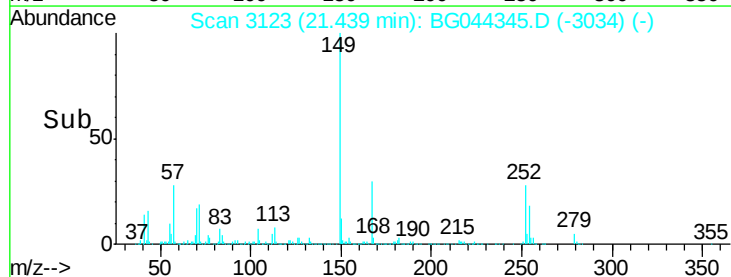
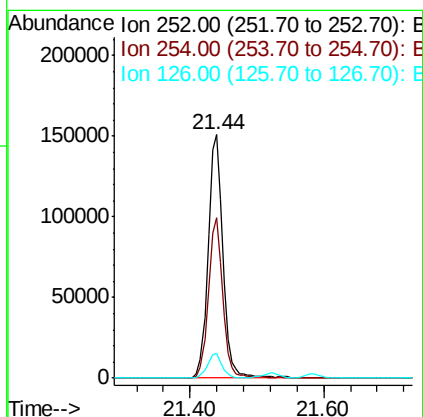
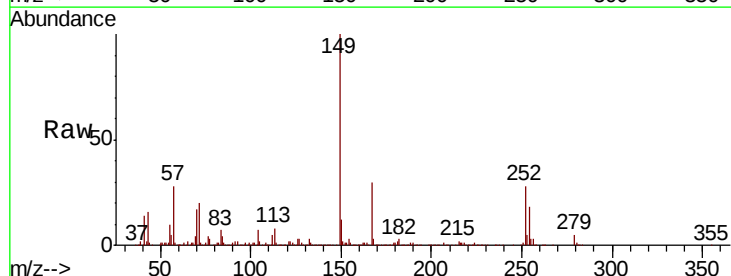
#81
Benzo(a)anthracene
Concen: 42.913 ng
RT: 21.52 min Scan# 3137
Delta R.T. -0.01 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

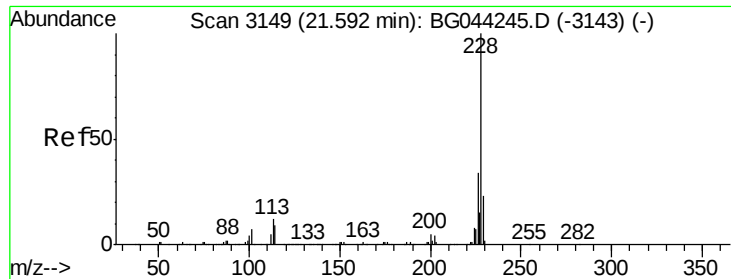
Tot Ion:228 Resp: 1166098
Ion Ratio Lower Upper
228 100
226 30.7 24.7 37.1
229 22.2 18.2 27.4



#82
3,3'-Dichlorobenzidine
Concen: 22.286 ng
RT: 21.44 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

Tgt Ion:252 Resp: 235039
Ion Ratio Lower Upper
252 100
254 65.7 52.6 78.8
126 10.1 8.2 12.4





#83

Chrysene

Concen: 42.346 ng

RT: 21.59 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG044345.D

Acq: 7 Feb 2020 20:15

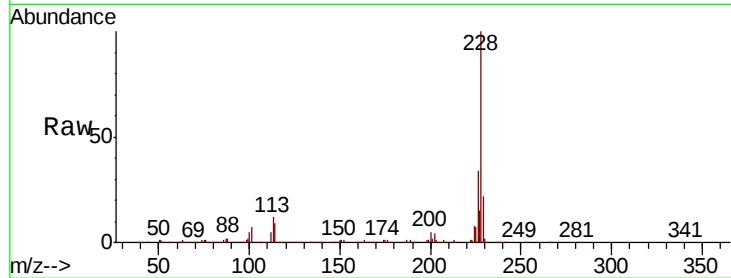
Tot Ion:228 Resp: 1112261

Ion Ratio Lower Upper

228 100

226 33.9 27.1 40.7

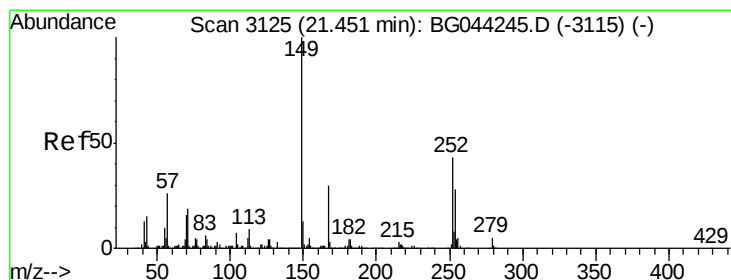
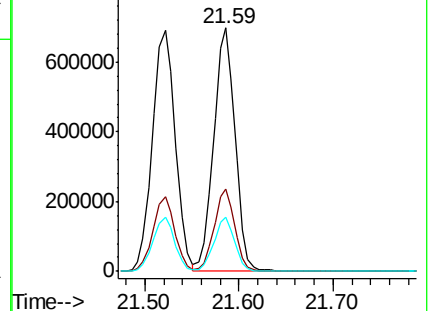
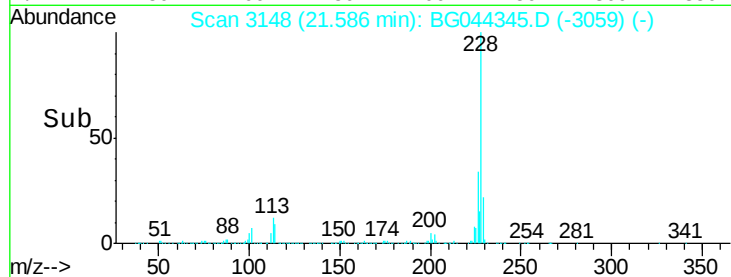
229 22.0 17.9 26.9



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: 43.085 ng

RT: 21.44 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BG044345.D

Acq: 7 Feb 2020 20:15

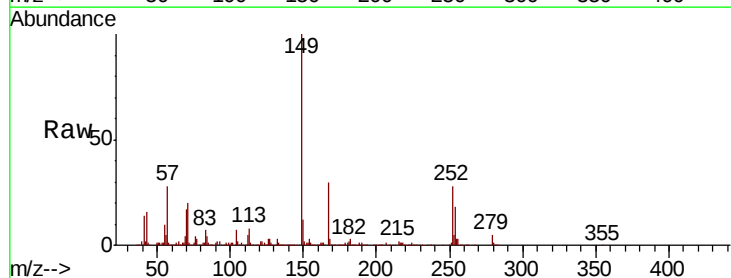
Tgt Ion:149 Resp: 765221

Ion Ratio Lower Upper

149 100

167 29.8 24.0 36.0

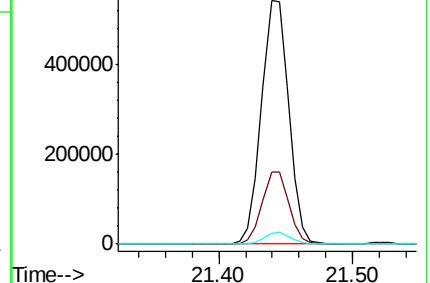
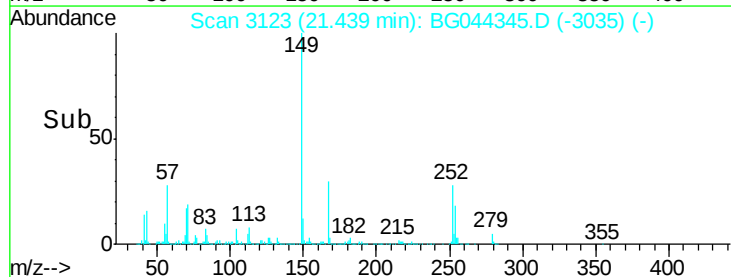
279 4.6 3.8 5.8



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: 43.301 ng

RT: 22.61 min Scan# 3323

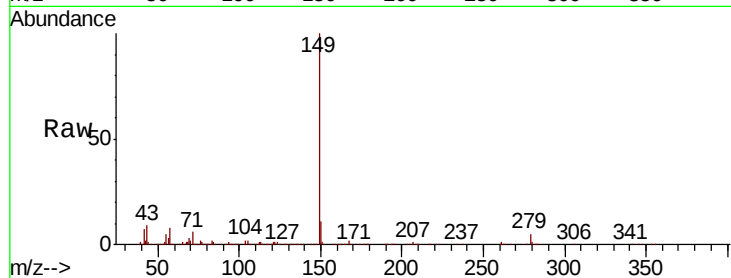
Delta R.T. -0.01 min

Lab File: BG044345.D

Acq: 7 Feb 2020 20:15

Tot Ion:149 Resp: 1330639

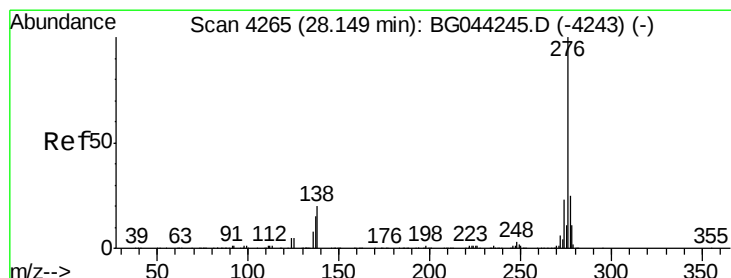
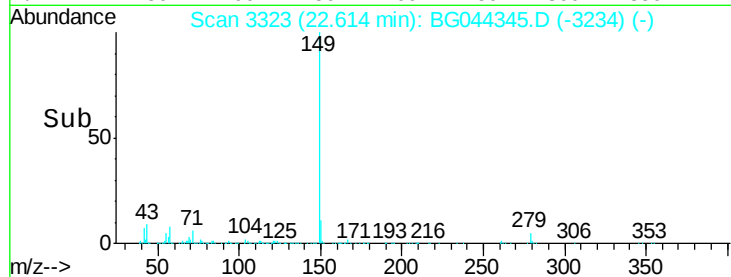
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	9.1	7.4	11.0



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: 41.765 ng

RT: 28.14 min Scan# 4264

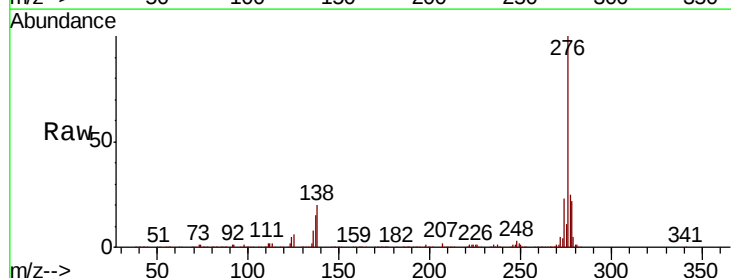
Delta R.T. -0.01 min

Lab File: BG044345.D

Acq: 7 Feb 2020 20:15

Tgt Ion:276 Resp: 1431178

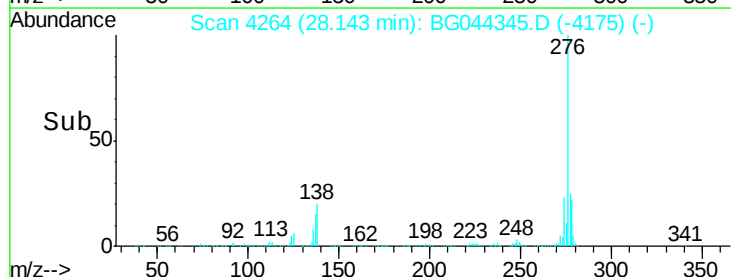
Ion	Ratio	Lower	Upper
276	100		
138	24.3	19.4	29.0
277	26.2	21.0	31.6

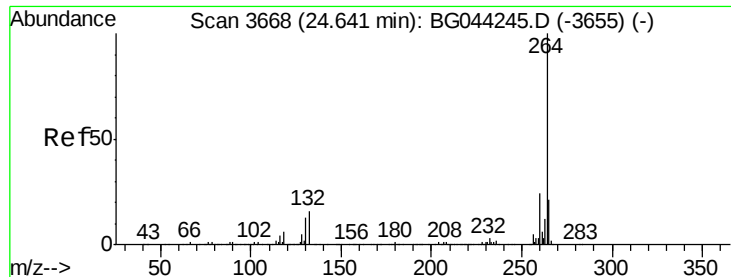


Abundance Ion 276.00 (275.70 to 276.70): E

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: BG044345.D

Acq: 7 Feb 2020 20:15

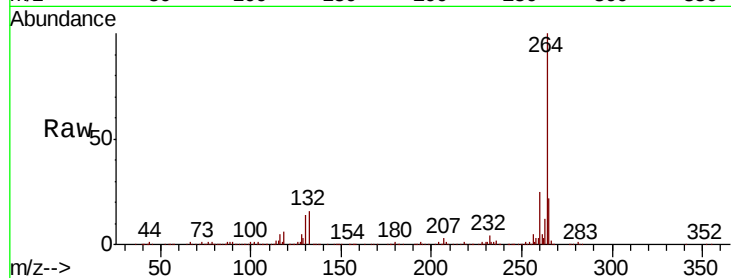
Tot Ion:264 Resp: 475560

Ion Ratio Lower Upper

264 100

260 24.9 19.4 29.2

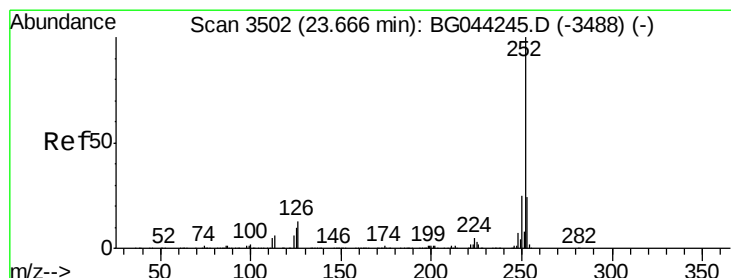
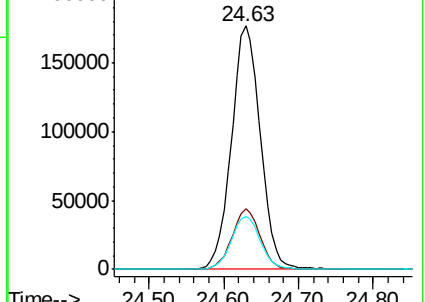
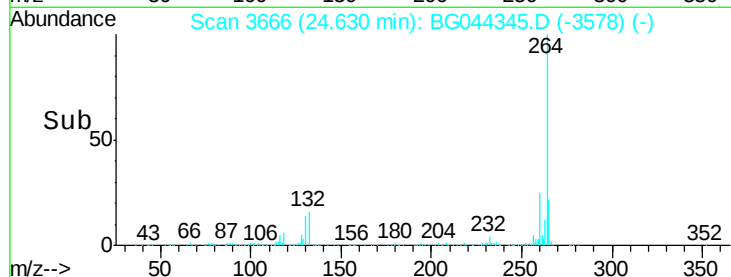
265 21.7 16.7 25.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 45.982 ng

RT: 23.65 min Scan# 3500

Delta R.T. -0.01 min

Lab File: BG044345.D

Acq: 7 Feb 2020 20:15

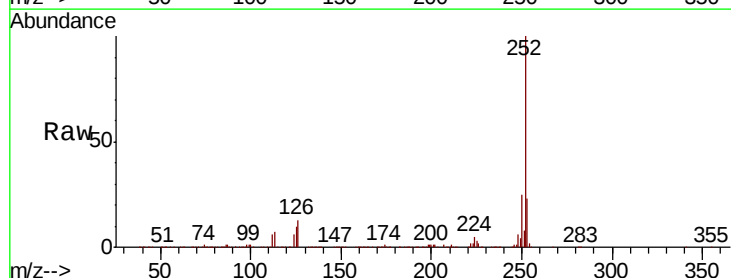
Tgt Ion:252 Resp: 1260052

Ion Ratio Lower Upper

252 100

253 23.5 19.2 28.8

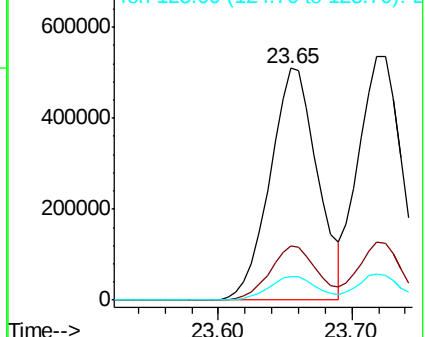
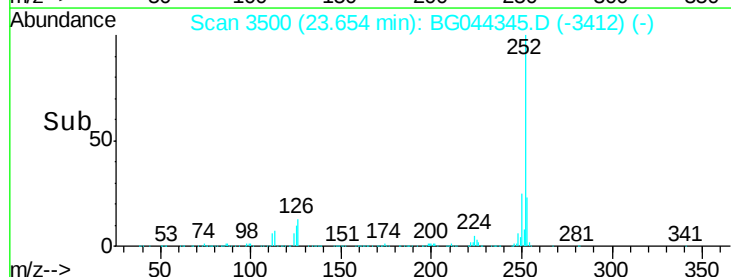
125 10.4 8.4 12.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

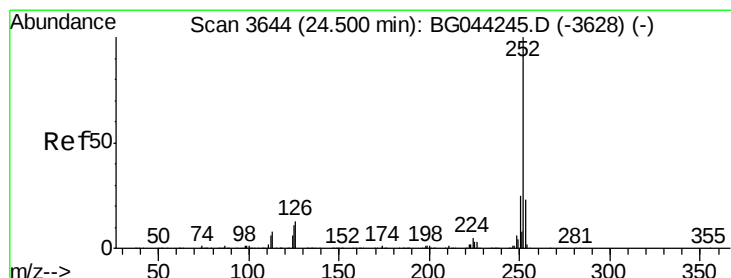
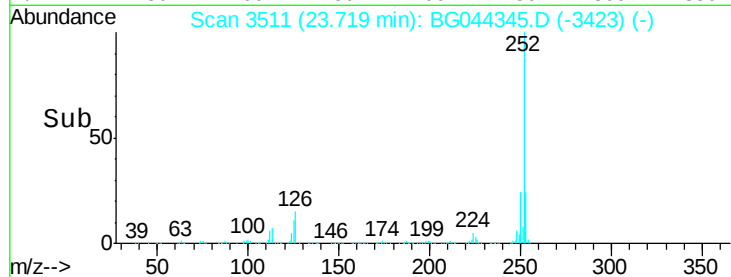
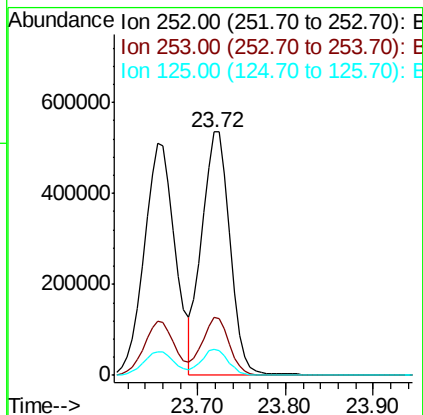
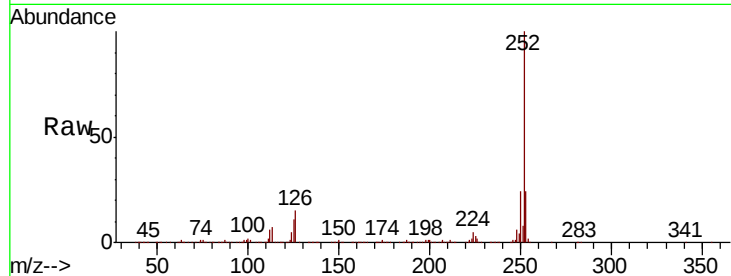
Ion 125.00 (124.70 to 125.70): E





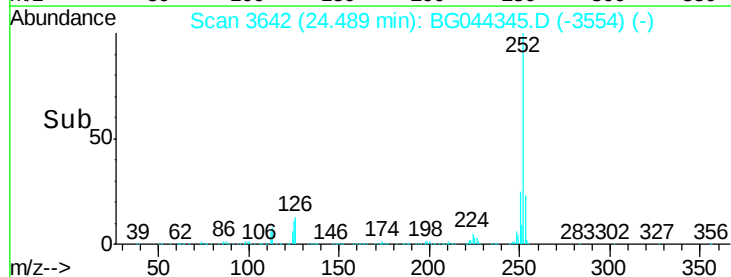
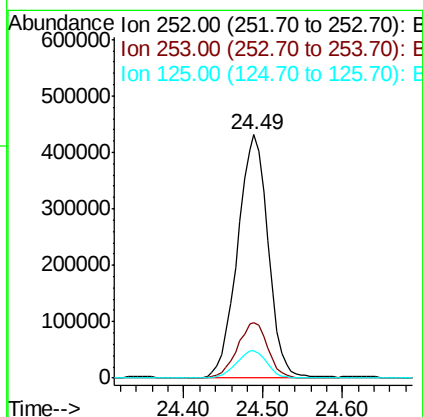
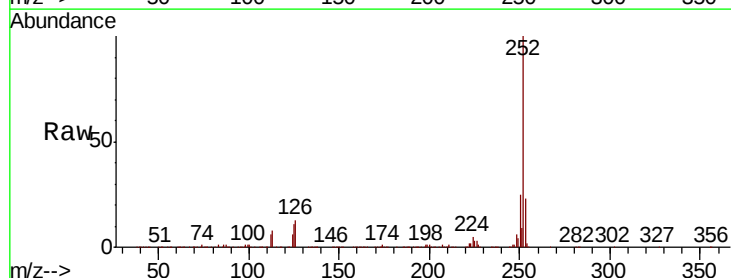
#89
Benzo(k)fluoranthene
Concen: 45.020 ng
RT: 23.72 min Scan# 3511
Delta R.T. -0.01 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

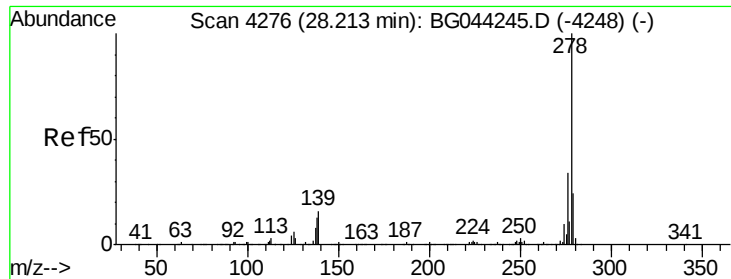
Tot Ion:252 Resp: 1202401
Ion Ratio Lower Upper
252 100
253 24.1 19.1 28.7
125 10.6 8.6 12.8



#90
Benzo(a)pyrene
Concen: 44.459 ng
RT: 24.49 min Scan# 3642
Delta R.T. -0.01 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

Tgt Ion:252 Resp: 1151908
Ion Ratio Lower Upper
252 100
253 23.0 18.1 27.1
125 11.3 8.6 13.0

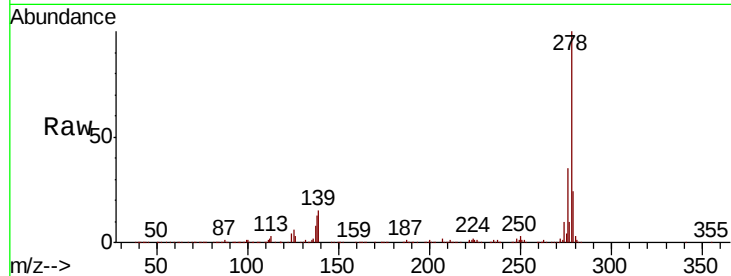




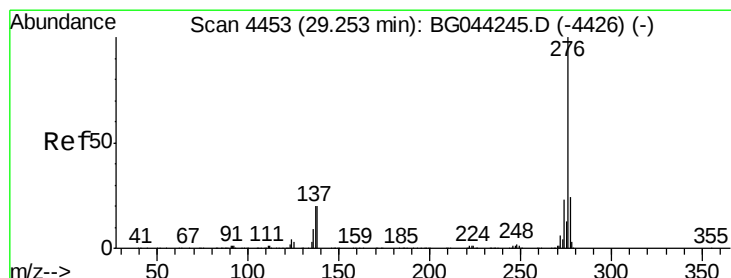
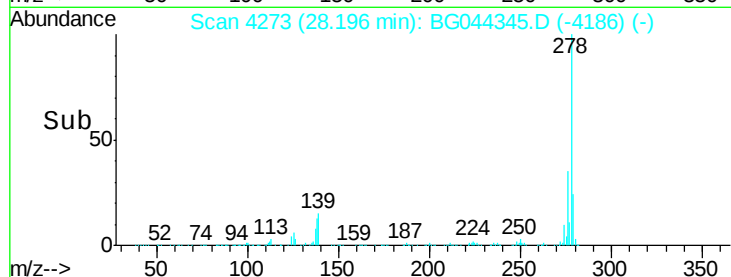
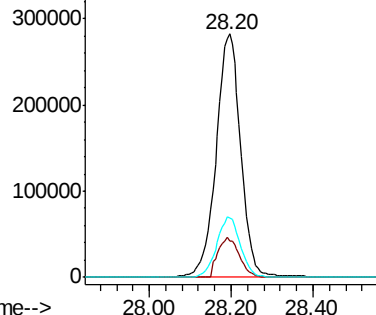
#91
Dibenzo(a,h)anthracene
Concen: 45.902 ng
RT: 28.20 min Scan# 4273
Delta R.T. -0.02 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

Tot Ion:278 Resp: 1177012

Ion	Ratio	Lower	Upper
278	100		
139	15.0	12.7	19.1
279	24.4	19.3	28.9



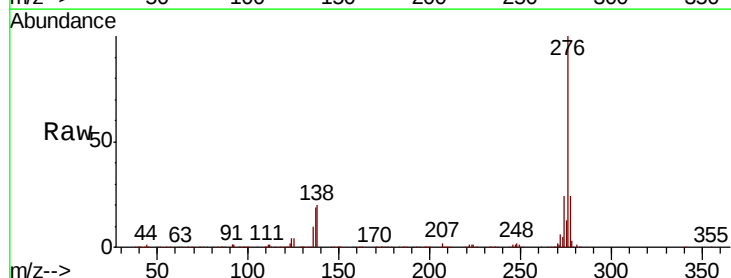
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 46.780 ng
RT: 29.23 min Scan# 4449
Delta R.T. -0.02 min
Lab File: BG044345.D
Acq: 7 Feb 2020 20:15

Tgt Ion:276 Resp: 1200806

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.8	28.2
138	20.4	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

