

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021020\
 Data File : BG044384.D
 Acq On : 11 Feb 2020 11:07
 Operator : CG/JU
 Sample : PB126703BSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 11 13:05:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	76842	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	309203	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	198173	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	432466	20.00	ng	0.00
76) Chrysene-d12	21.53	240	384282	20.00	ng	0.00
87) Perylene-d12	24.62	264	436034	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	426203	97.89	ng	0.00
7) Phenol-d6	7.08	99	557691	95.38	ng	0.00
23) Nitrobenzene-d5	9.06	82	449631	82.10	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	213825	91.91	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	999168	84.43	ng	0.00
79) Terphenyl-d14	19.91	244	1526337	81.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.37	88	92590	47.330	ng	98
3) Pyridine	3.76	79	220365	42.281	ng	97
4) n-Nitrosodimethylamine	3.68	42	107264	49.251	ng	99
6) Aniline	7.23	93	278227	38.337	ng	100
8) 2-Chlorophenol	7.47	128	252973	52.865	ng	100
9) Benzaldehyde	7.04	77	122568	36.808	ng	98
10) Phenol	7.11	94	305302	52.762	ng	99
11) bis(2-Chloroethyl)ether	7.33	93	236100	47.726	ng	99
12) 1,3-Dichlorobenzene	7.80	146	271231	47.473	ng	97
13) 1,4-Dichlorobenzene	7.94	146	271705	48.015	ng	100
14) 1,2-Dichlorobenzene	8.26	146	252696	47.245	ng	99
15) Benzyl Alcohol	8.14	79	205743	49.703	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.44	45	305123	45.570	ng	99
17) 2-Methylphenol	8.36	107	214631	51.988	ng	99
18) Hexachloroethane	8.99	117	99368	46.795	ng	98
19) n-Nitroso-di-n-propylamine	8.71	70	176819	45.377	ng	99
20) 3+4-Methylphenols	8.68	107	291791	51.284	ng	98
22) Acetophenone	8.73	105	339737	45.166	ng	99
24) Nitrobenzene	9.10	77	254624	47.622	ng	99
25) Isophorone	9.63	82	486403	47.648	ng	98
26) 2-Nitrophenol	9.82	139	141861	51.133	ng	99
27) 2,4-Dimethylphenol	9.89	122	236418	60.367	ng	99
28) bis(2-Chloroethoxy)methane	10.11	93	313242	45.999	ng	100
29) 2,4-Dichlorophenol	10.36	162	244190	51.566	ng	98
30) 1,2,4-Trichlorobenzene	10.57	180	252917	46.578	ng	99
31) Naphthalene	10.76	128	736340	49.084	ng	99
32) Benzoic acid	10.05	122	99232	41.282	ng	93
33) 4-Chloroaniline	10.86	127	162760	23.855	ng	98
34) Hexachlorobutadiene	11.05	225	151774	45.425	ng	99
35) Caprolactam	11.63	113	50137	28.902	ng	99
36) 4-Chloro-3-methylphenol	12.00	107	254672	51.294	ng	99
37) 2-Methylnaphthalene	12.37	142	536853	48.199	ng	99
38) 1-Methylnaphthalene	12.59	142	512013	48.758	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.74	216	264907	44.687	ng	99

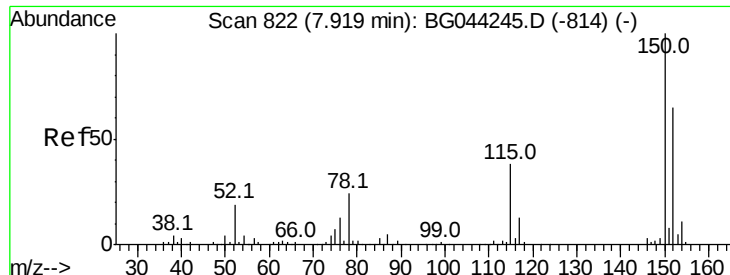
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021020\
 Data File : BG044384.D
 Acq On : 11 Feb 2020 11:07
 Operator : CG/JU
 Sample : PB126703BSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 11 13:05:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.73	237	329807	115.948	ng	99
43) 2,4,6-Trichlorophenol	12.98	196	190965	49.838	ng	100
44) 2,4,5-Trichlorophenol	13.06	196	209796	53.605	ng	99
46) 1,1'-Biphenyl	13.38	154	680203	47.585	ng	99
47) 2-Chloronaphthalene	13.42	162	527234	46.351	ng	98
48) 2-Nitroaniline	13.62	65	156062	46.490	ng	98
49) Acenaphthylene	14.27	152	838744	50.273	ng	100
50) Dimethylphthalate	14.00	163	682650	47.921	ng	99
51) 2,6-Dinitrotoluene	14.11	165	156819	49.373	ng	99
52) Acenaphthene	14.61	154	514756	47.601	ng	97
53) 3-Nitroaniline	14.44	138	105938	30.147	ng	99
54) 2,4-Dinitrophenol	14.65	184	167801	88.286	ng	99
55) Dibenzofuran	14.94	168	803306	49.063	ng	100
56) 4-Nitrophenol	14.77	139	279872	108.730	ng	99
57) 2,4-Dinitrotoluene	14.91	165	219238	49.248	ng	96
58) Fluorene	15.59	166	635289	49.264	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.18	232	186212	52.675	ng	98
60) Diethylphthalate	15.36	149	678793	47.821	ng	99
61) 4-Chlorophenyl-phenylether	15.59	204	333929	47.758	ng	99
62) 4-Nitroaniline	15.61	138	156080	44.451	ng	97
63) Azobenzene	15.88	77	612184	49.210	ng	98
65) 4,6-Dinitro-2-methylphenol	15.67	198	128032	53.633	ng	99
66) n-Nitrosodiphenylamine	15.80	169	595338	49.122	ng	98
67) 4-Bromophenyl-phenylether	16.48	248	220609	46.822	ng	98
68) Hexachlorobenzene	16.60	284	241421	45.735	ng	99
69) Atrazine	16.75	200	226980	54.641	ng	97
70) Pentachlorophenol	16.95	266	260710	96.975	ng	99
71) Phenanthrene	17.33	178	1012334	48.341	ng	99
72) Anthracene	17.42	178	1045637	50.504	ng	99
73) Carbazole	17.69	167	948973	49.719	ng	100
74) Di-n-butylphthalate	18.26	149	1165336	49.407	ng	100
75) Fluoranthene	19.34	202	1212514	50.051	ng	99
77) Benzidine	19.52	184	594256	55.751	ng	99
78) Pyrene	19.70	202	1210656	49.057	ng	100
80) Butylbenzylphthalate	20.59	149	534440	47.521	ng	99
81) Benzo(a)anthracene	21.52	228	1165502	49.211	ng	98
82) 3,3'-Dichlorobenzidine	21.43	252	324838	35.340	ng	99
83) Chrysene	21.58	228	1119949	48.922	ng	99
84) Bis(2-ethylhexyl)phthalate	21.44	149	756286	48.857	ng	100
85) Di-n-octyl phthalate	22.60	149	1321129	49.326	ng	99
86) Indeno(1,2,3-cd)pyrene	28.12	276	1421896	47.608	ng	100
88) Benzo(b)fluoranthene	23.65	252	1230257	48.964	ng	98
89) Benzo(k)fluoranthene	23.71	252	1199465	48.981	ng	99
90) Benzo(a)pyrene	24.48	252	1137263	47.872	ng	99
91) Dibenzo(a,h)anthracene	28.18	278	1174198	49.943	ng	98
92) Benzo(g,h,i)perylene	29.21	276	1196075	50.819	ng	98

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

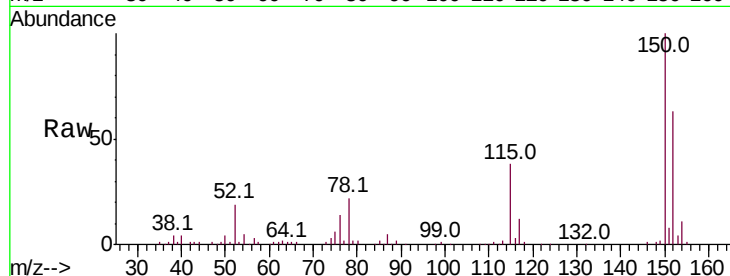


#1

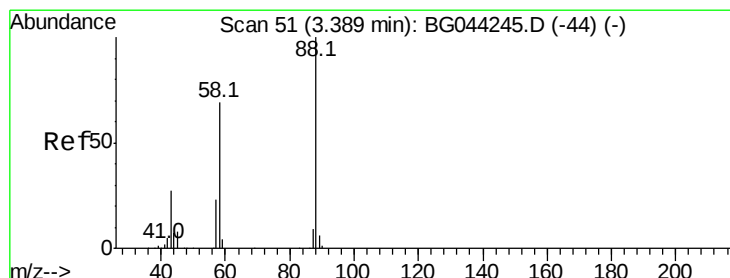
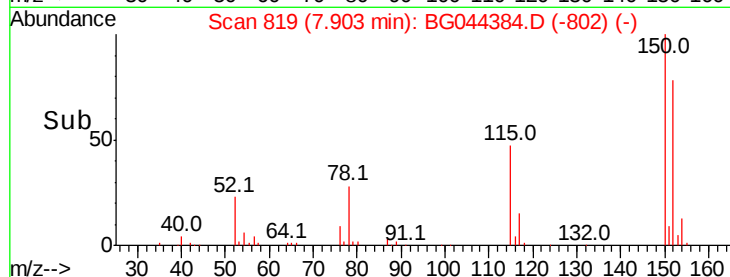
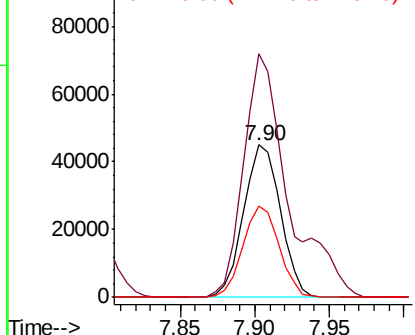
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 76842
Ion Ratio Lower Upper
152 100
150 159.7 122.6 183.8
115 60.3 46.0 69.0



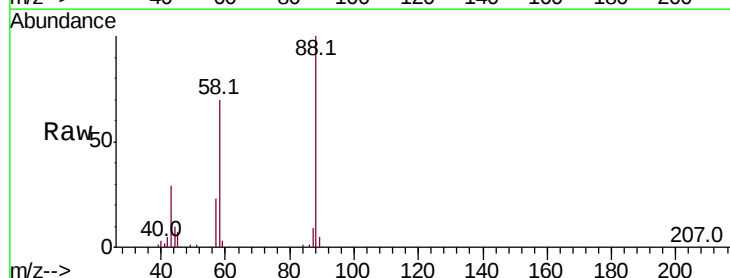
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



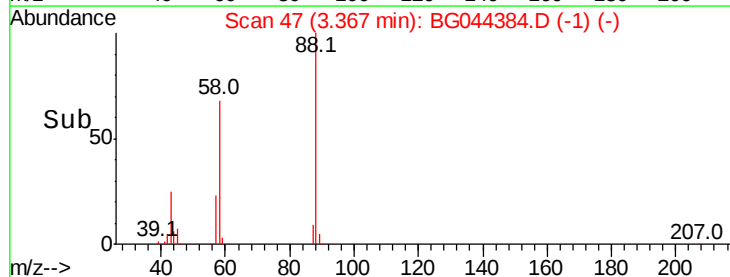
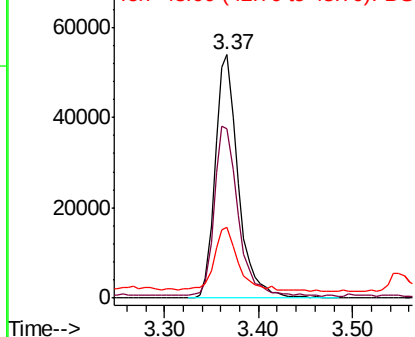
#2

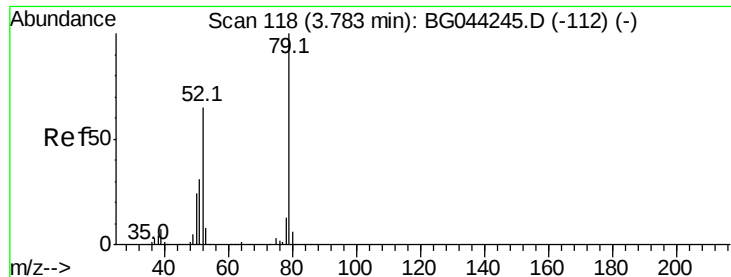
1,4-Dioxane
Concen: 47.330 ng
RT: 3.37 min Scan# 47
Delta R.T. 0.00 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

Tgt Ion: 88 Resp: 92590
Ion Ratio Lower Upper
88 100
58 71.2 55.8 83.6
43 26.5 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: 42.281 ng

RT: 3.76 min Scan# 114

Delta R.T. -0.00 min

Lab File: BG044384.D

Acq: 11 Feb 2020 11:07

Instrument :

BNA_G

ClientSampleId :

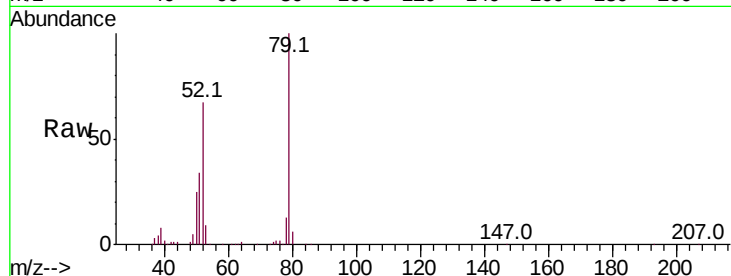
Tot Ion: 79 Resp: 220365

Ion Ratio Lower Upper

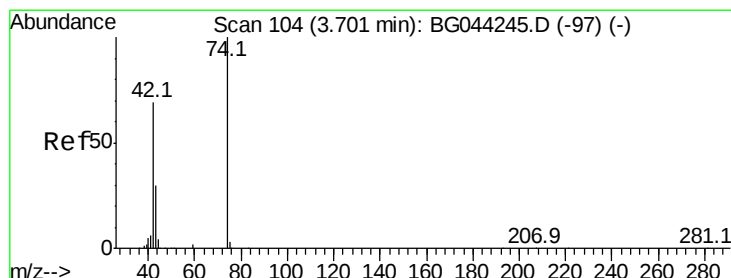
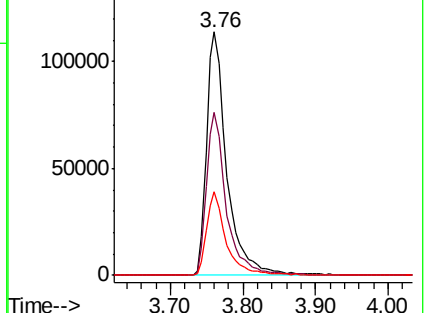
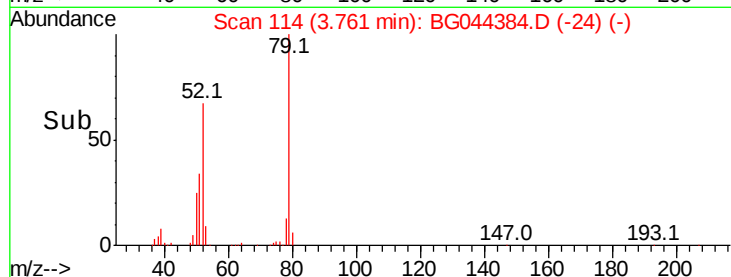
79 100

52 67.0 51.9 77.9

51 34.1 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: 49.251 ng

RT: 3.68 min Scan# 100

Delta R.T. 0.00 min

Lab File: BG044384.D

Acq: 11 Feb 2020 11:07

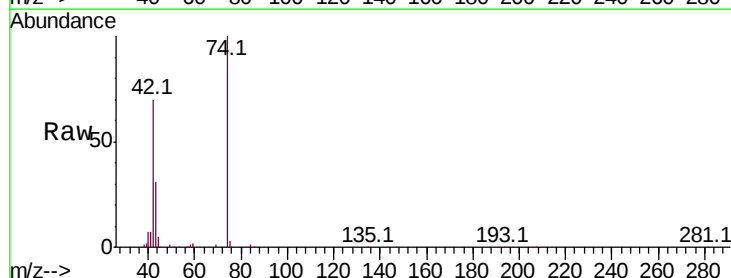
Tgt Ion: 42 Resp: 107264

Ion Ratio Lower Upper

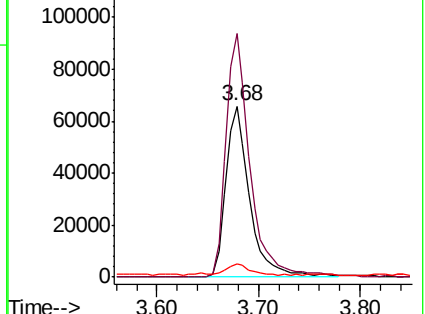
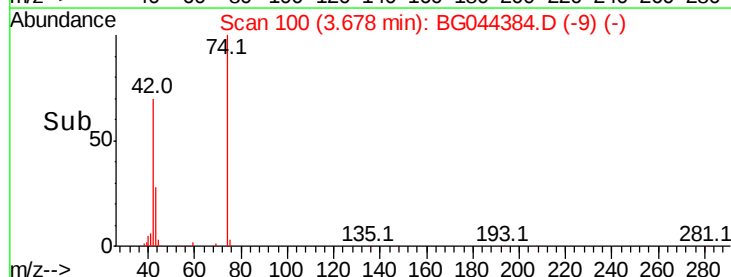
42 100

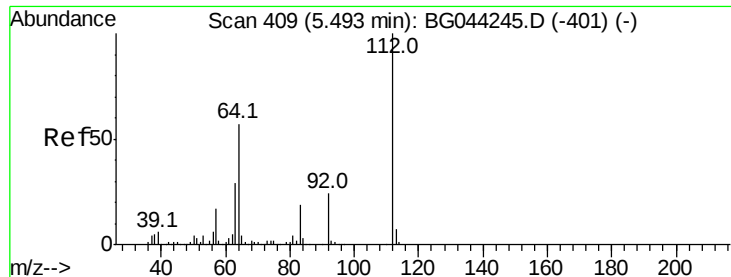
74 142.3 115.1 172.7

44 7.4 5.6 8.4



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





#5

2-Fluorophenol

Concen: 97.887 ng

RT: 5.49 min Scan# 408

Delta R.T. 0.01 min

Lab File: BG044384.D

Acq: 11 Feb 2020 11:07

Instrument :

BNA_G

ClientSampleId :

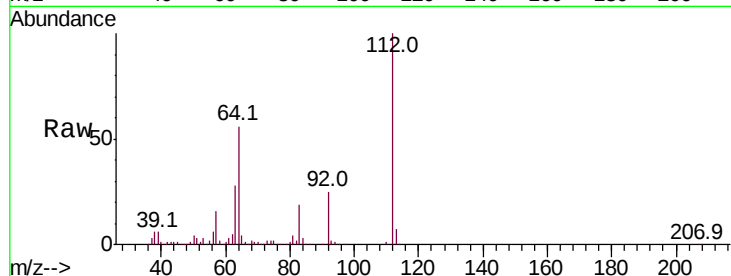
Tot Ion:112 Resp: 426203

Ion Ratio Lower Upper

112 100

64 55.6 45.4 68.2

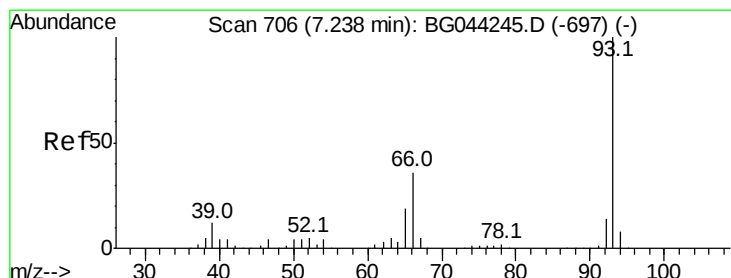
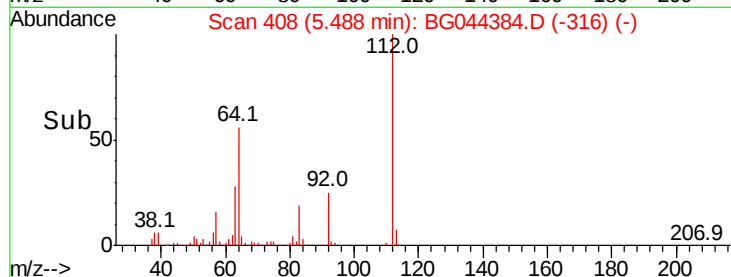
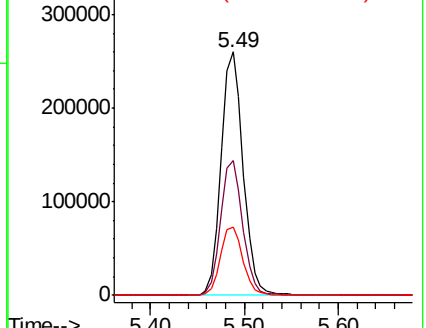
63 28.3 22.9 34.3



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 38.337 ng

RT: 7.23 min Scan# 704

Delta R.T. -0.00 min

Lab File: BG044384.D

Acq: 11 Feb 2020 11:07

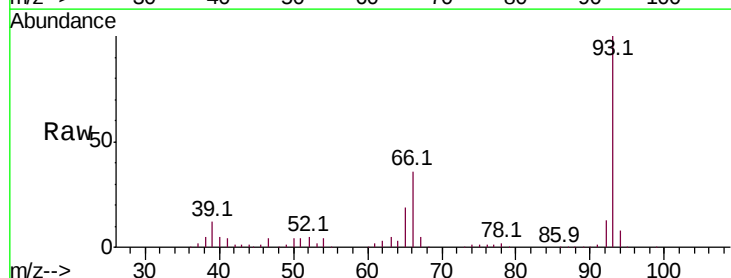
Tgt Ion: 93 Resp: 278227

Ion Ratio Lower Upper

93 100

66 36.1 28.7 43.1

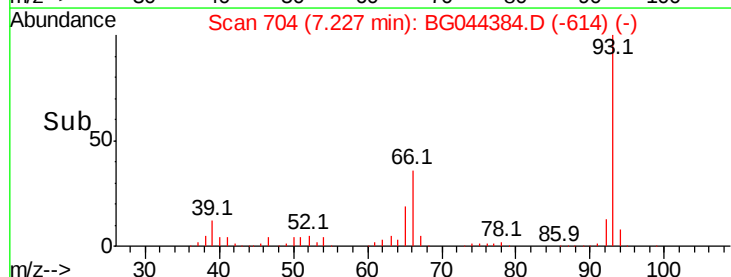
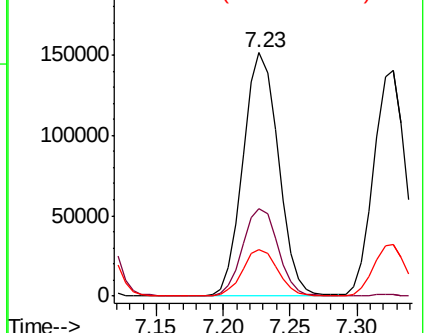
65 19.2 15.4 23.0

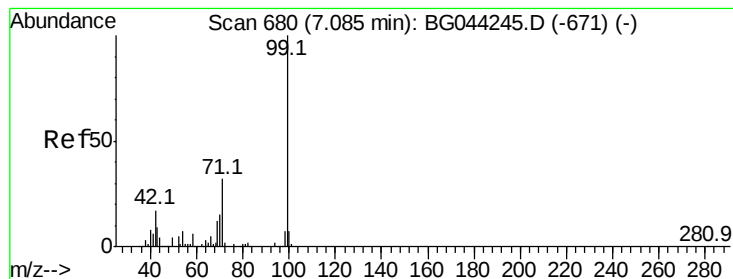


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 95.384 ng

RT: 7.08 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG044384.D

Acq: 11 Feb 2020 11:07

Instrument :

BNA_G

ClientSampleId :

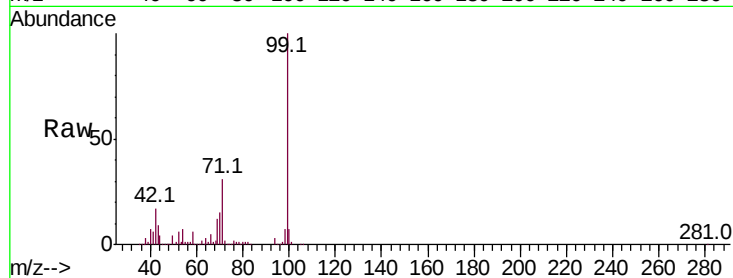
Tot Ion: 99 Resp: 557691

Ion Ratio Lower Upper

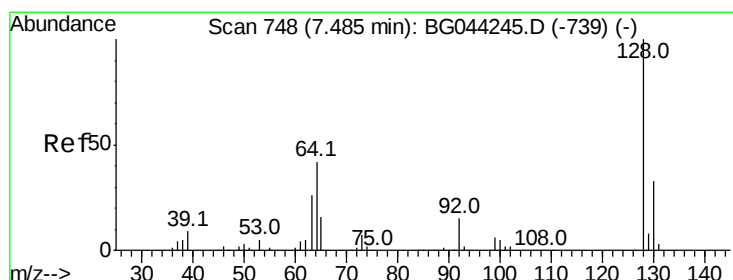
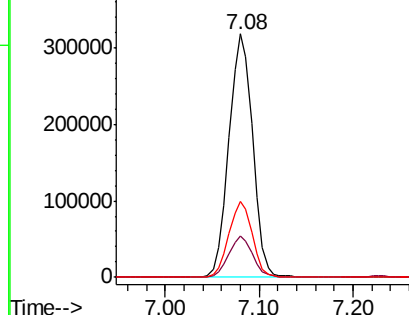
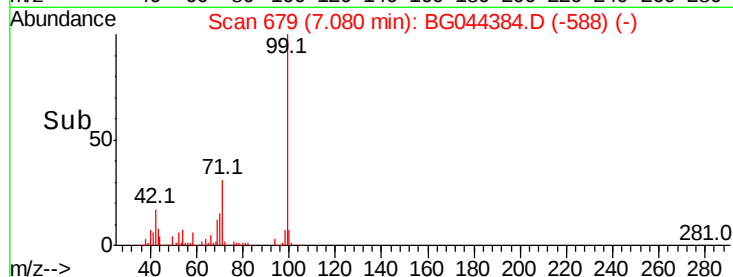
99 100

42 16.9 13.8 20.6

71 31.1 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: 52.865 ng

RT: 7.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BG044384.D

Acq: 11 Feb 2020 11:07

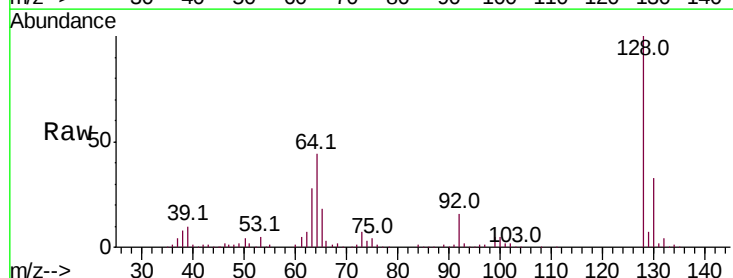
Tgt Ion: 128 Resp: 252973

Ion Ratio Lower Upper

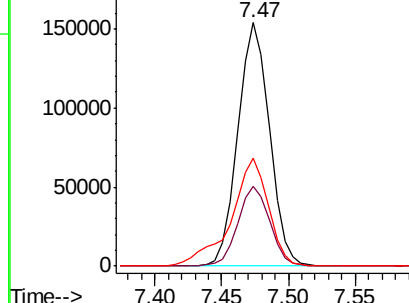
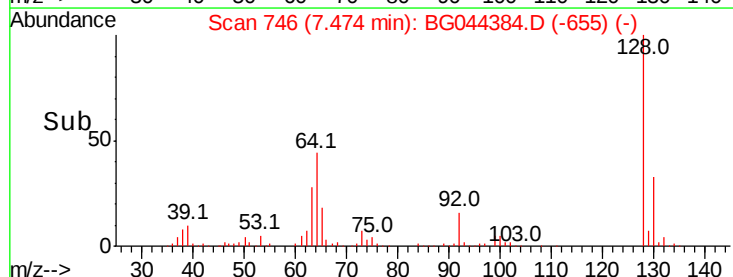
128 100

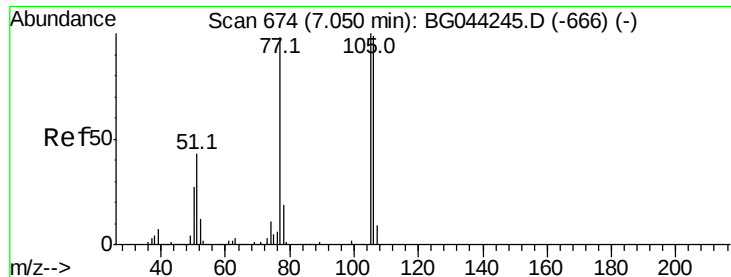
130 32.7 12.5 52.5

64 44.3 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: 36.808 ng

RT: 7.04 min Scan# 672

Delta R.T. 0.00 min

Lab File: BG044384.D

Acq: 11 Feb 2020 11:07

Instrument :

BNA_G

ClientSampled :

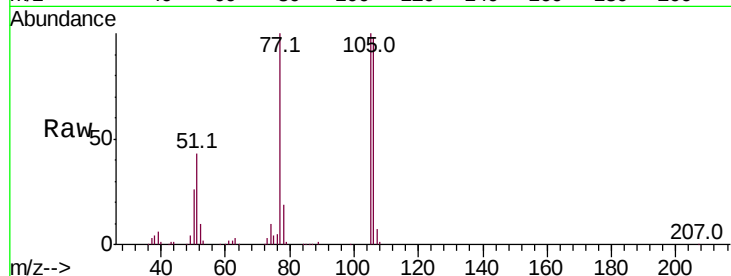
Tot Ion: 77 Resp: 122568

Ion Ratio Lower Upper

77 100

105 100.1 82.0 122.0

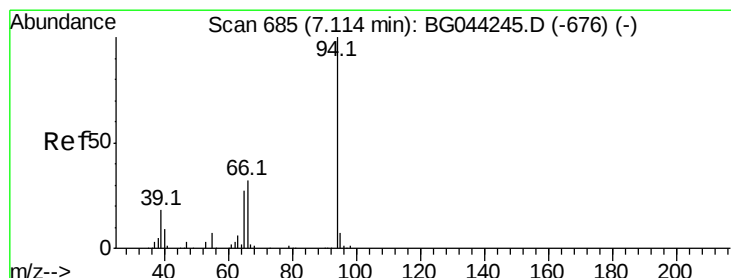
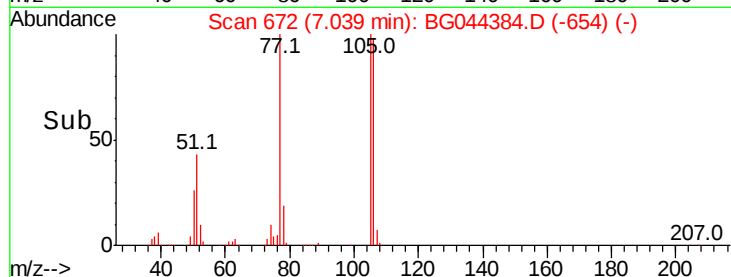
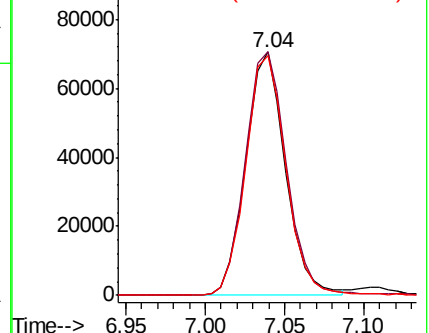
106 98.5 80.7 120.7



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: 52.762 ng

RT: 7.11 min Scan# 684

Delta R.T. 0.01 min

Lab File: BG044384.D

Acq: 11 Feb 2020 11:07

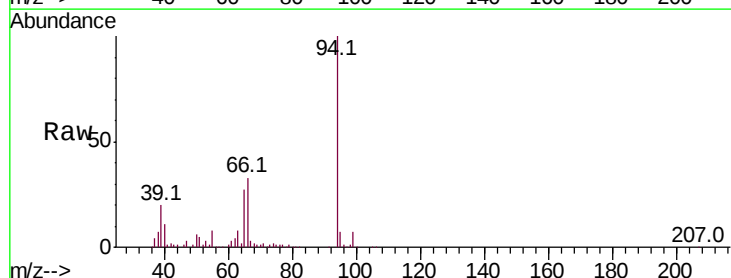
Tgt Ion: 94 Resp: 305302

Ion Ratio Lower Upper

94 100

65 27.2 7.0 47.0

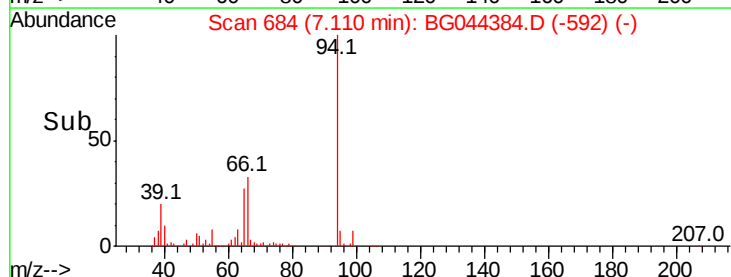
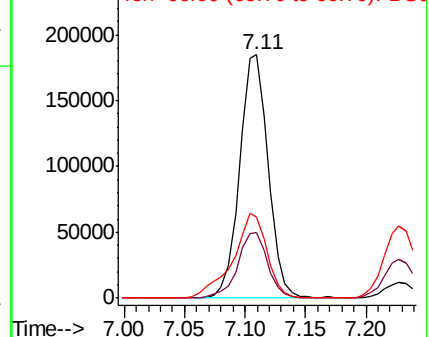
66 33.2 12.7 52.7

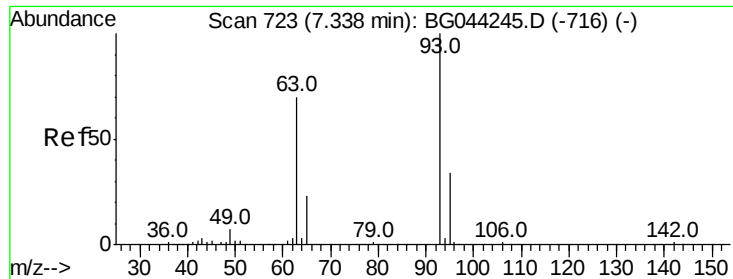


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

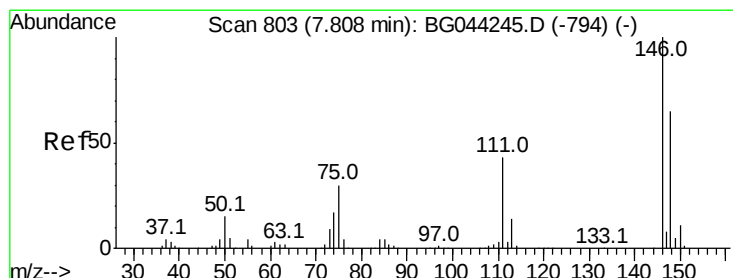
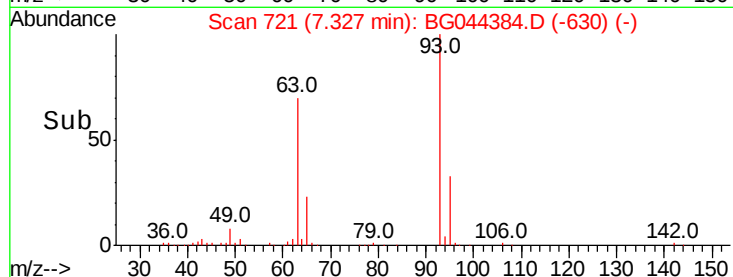
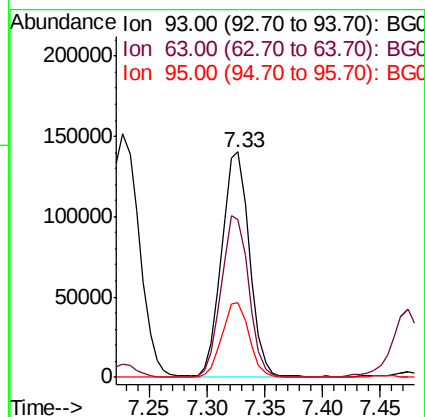
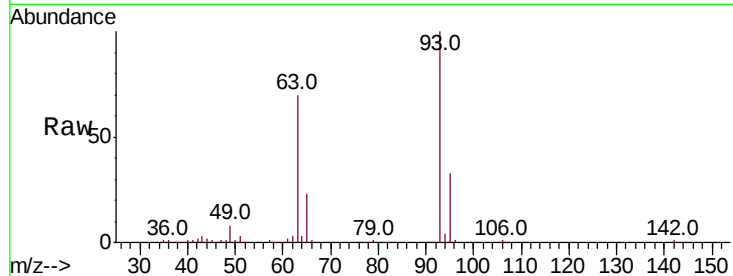




#11
bis(2-Chloroethyl)ether
Concen: 47.726 ng
RT: 7.33 min Scan# 721
Delta R.T. 0.00 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

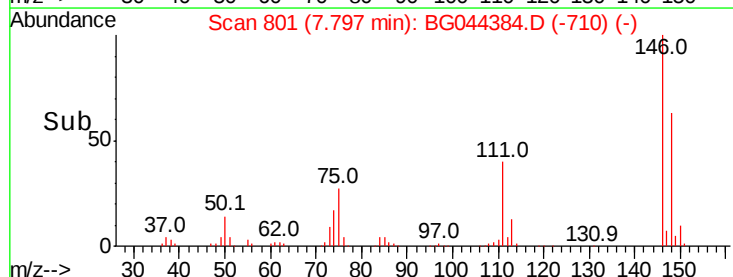
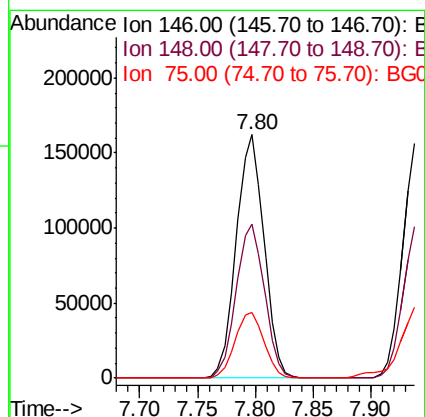
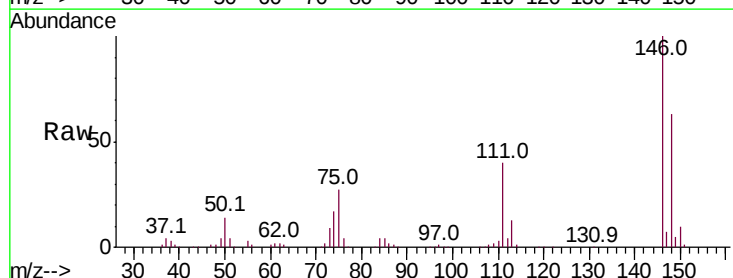
Instrument :
BNA_G
ClientSampleId :

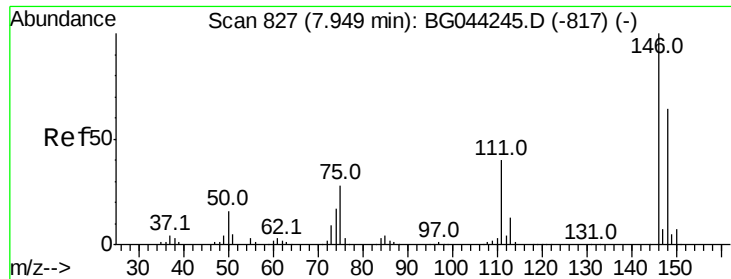
Tot Ion: 93 Resp: 236100
Ion Ratio Lower Upper
93 100
63 70.0 49.2 89.2
95 33.0 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 47.473 ng
RT: 7.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

Tgt Ion: 146 Resp: 271231
Ion Ratio Lower Upper
146 100
148 63.3 51.8 77.8
75 26.7 23.7 35.5

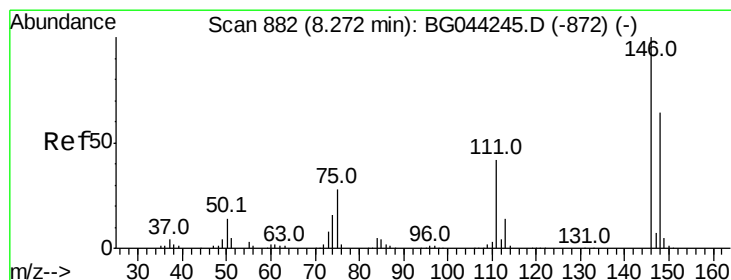
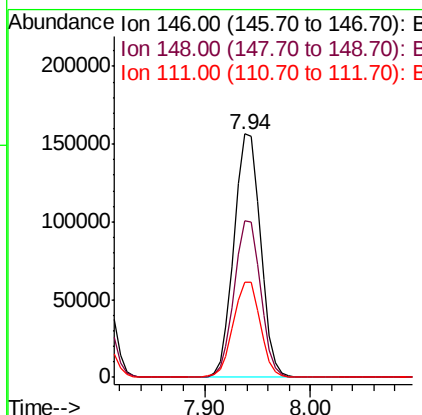
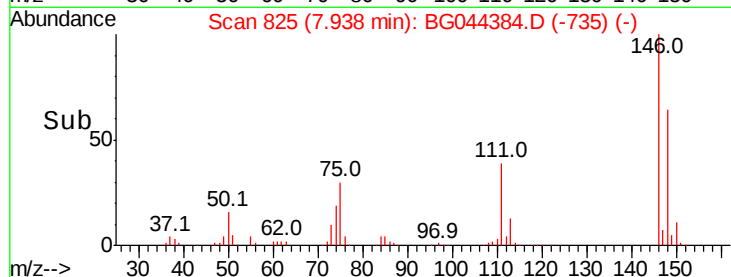
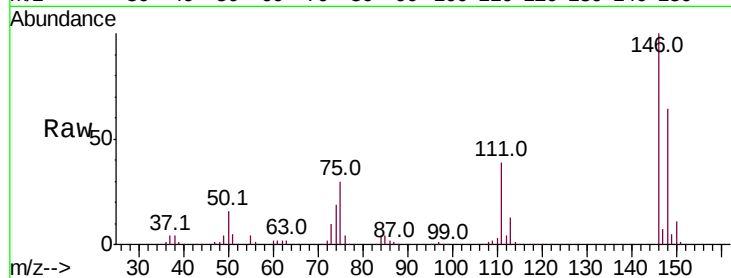




#13
 1,4-Dichlorobenzene
 Concen: 48.015 ng
 RT: 7.94 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BG044384.D
 Acq: 11 Feb 2020 11:07

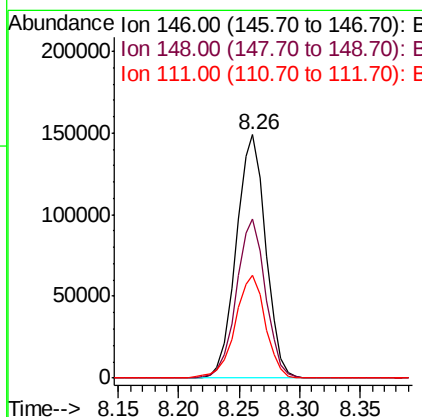
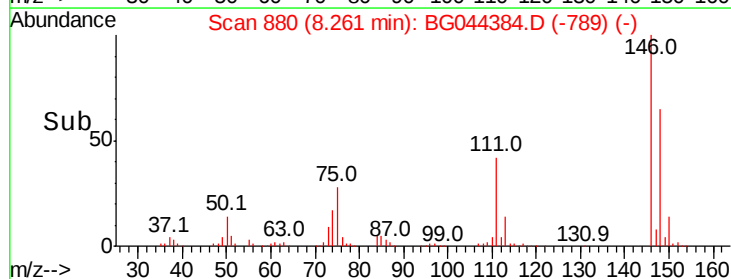
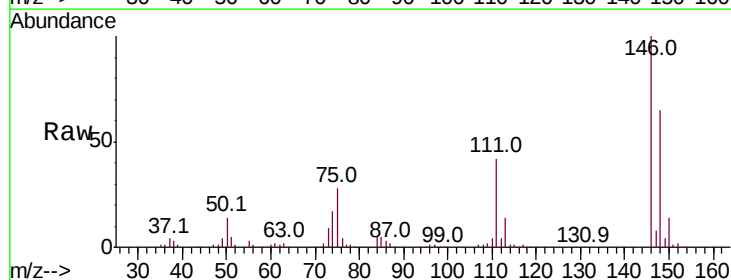
Instrument :
 BNA_G
 ClientSampleId :

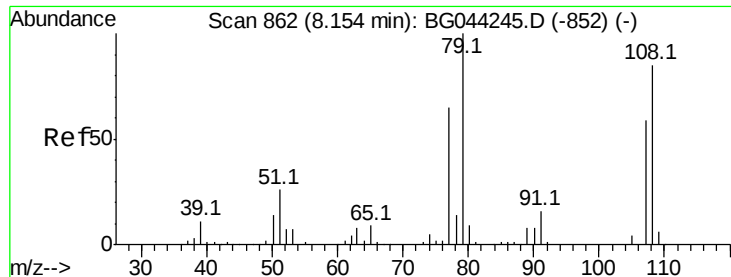
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.4	77.0
111	39.1	31.8	47.8



#14
 1,2-Dichlorobenzene
 Concen: 47.245 ng
 RT: 8.26 min Scan# 880
 Delta R.T. 0.00 min
 Lab File: BG044384.D
 Acq: 11 Feb 2020 11:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.2	76.8
111	42.2	34.0	51.0

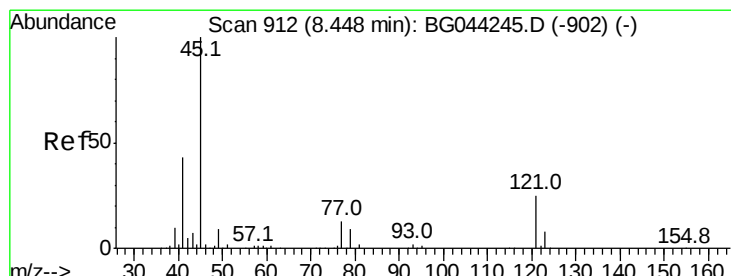
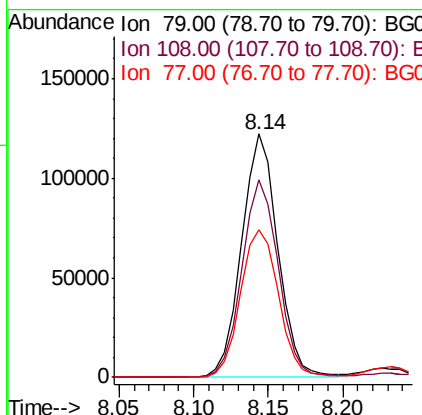
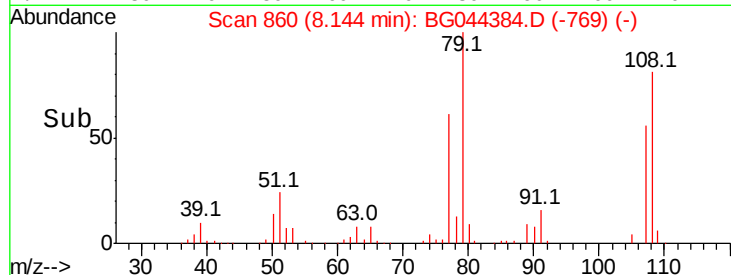
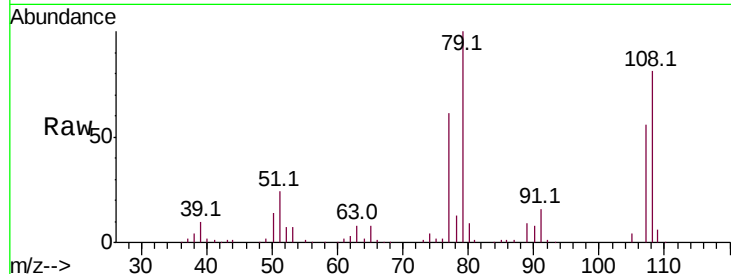




#15
Benzyl Alcohol
Concen: 49.703 ng
RT: 8.14 min Scan# 860
Delta R.T. 0.00 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

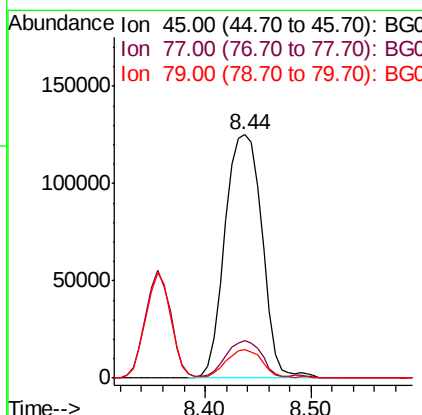
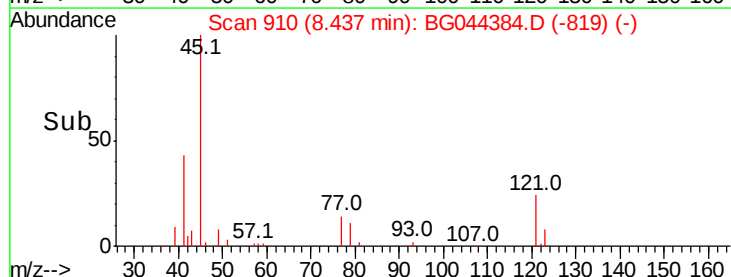
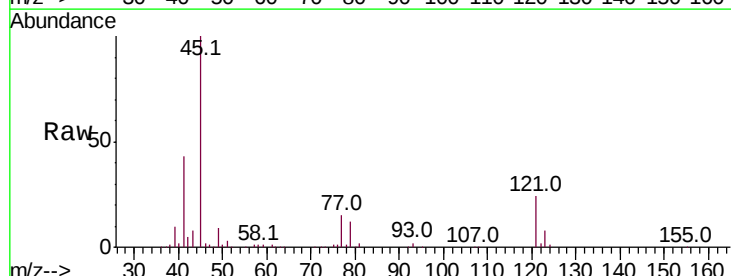
Instrument :
BNA_G
ClientSampleId :

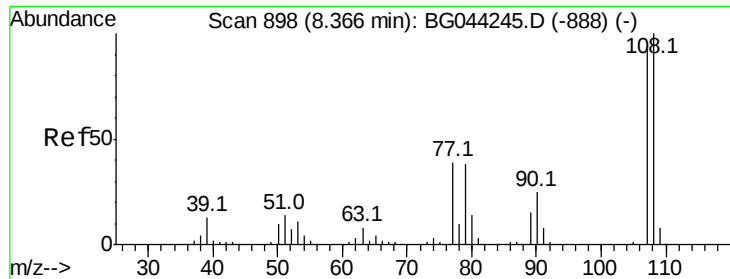
Tot Ion: 79 Resp: 205743
Ion Ratio Lower Upper
79 100
108 81.1 68.3 102.5
77 60.6 51.8 77.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 45.570 ng
RT: 8.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

Tgt Ion: 45 Resp: 305123
Ion Ratio Lower Upper
45 100
77 15.3 0.0 35.2
79 11.9 0.0 31.1

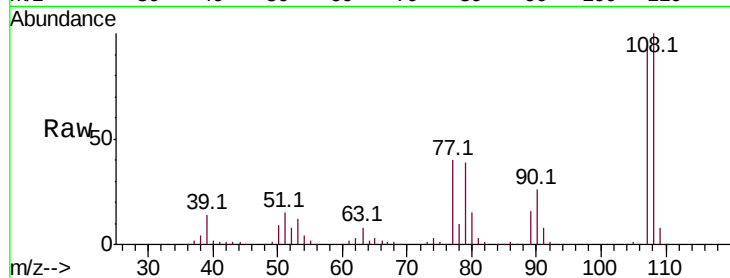




#17
2-Methylphenol
Concen: 51.988 ng
RT: 8.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	108.1	86.4	129.6
77	43.4	34.0	51.0
79	42.4	32.9	49.3



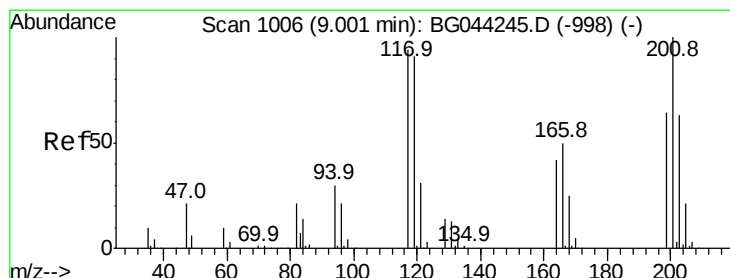
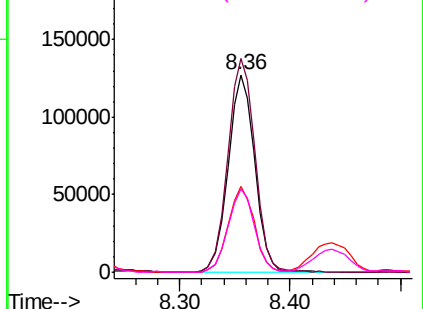
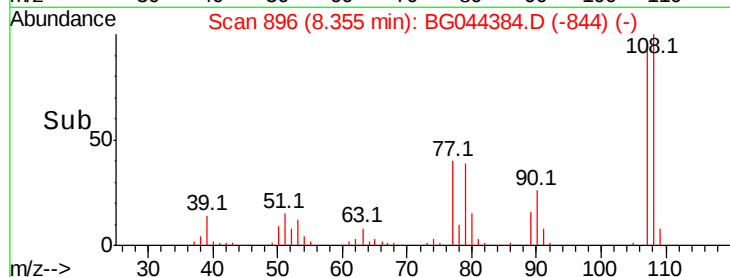
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

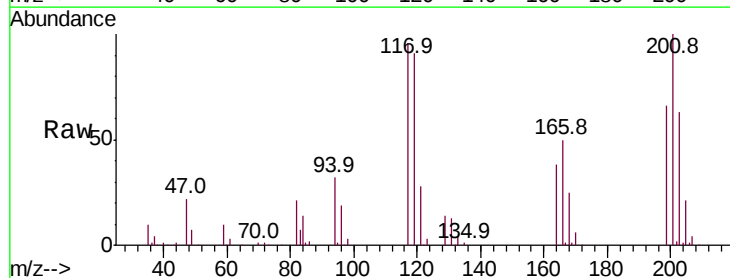
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 46.795 ng
RT: 8.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.3	77.5	116.3
201	104.1	84.9	127.3

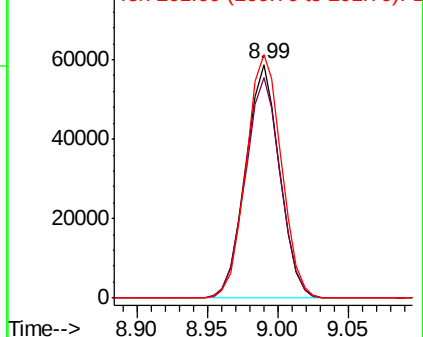
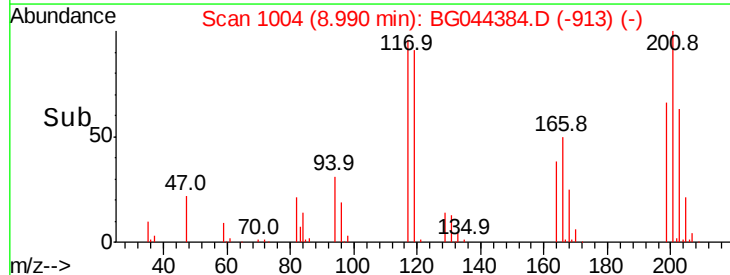


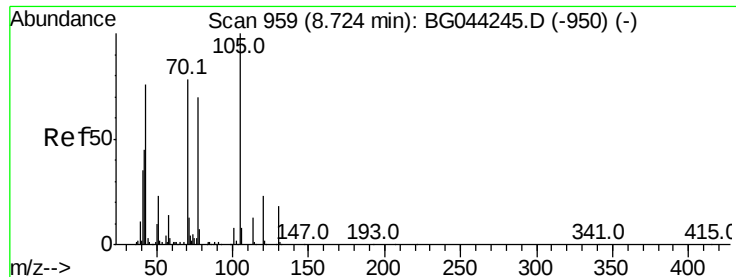
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 45.377 ng

RT: 8.71 min Scan# 957

Delta R.T. 0.00 min

Lab File: BG044384.D

Acq: 11 Feb 2020 11:07

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 176819

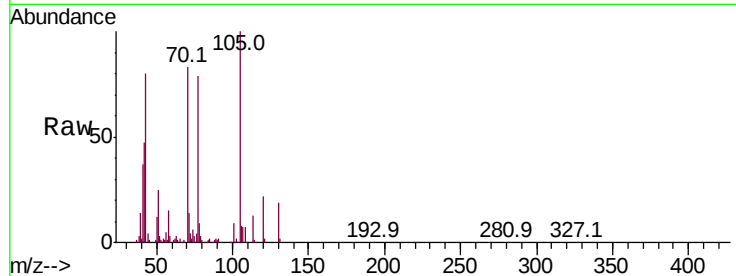
Ion Ratio Lower Upper

70 100

42 57.2 46.2 69.2

101 10.3 8.4 12.6

130 23.1 17.8 26.8

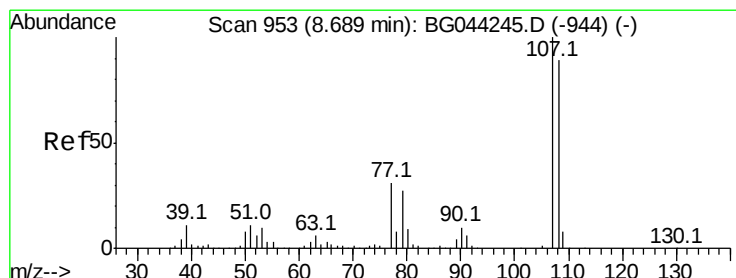
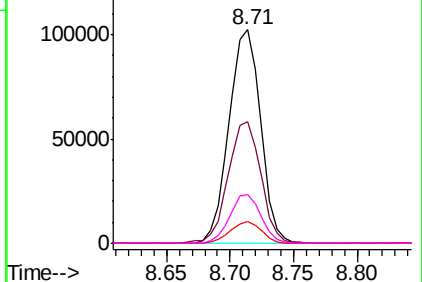
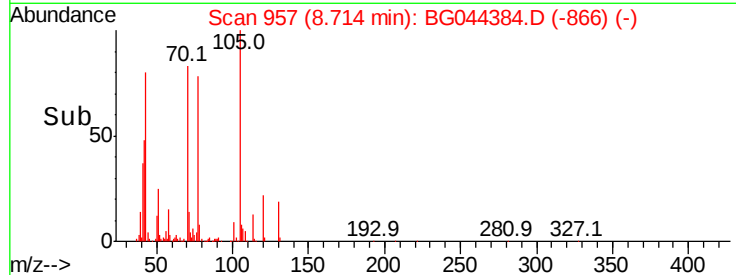


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 51.284 ng

RT: 8.68 min Scan# 952

Delta R.T. 0.00 min

Lab File: BG044384.D

Acq: 11 Feb 2020 11:07

Tgt Ion:107 Resp: 291791

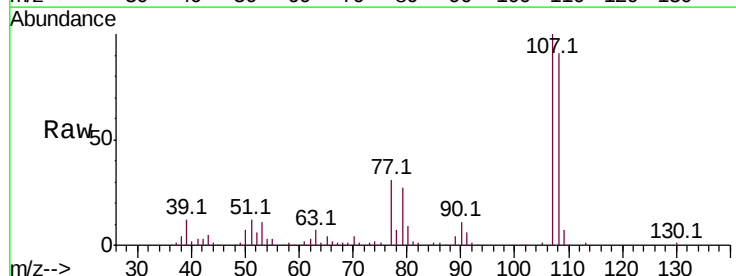
Ion Ratio Lower Upper

107 100

108 91.3 68.5 108.5

77 30.7 10.9 50.9

79 27.4 7.1 47.1

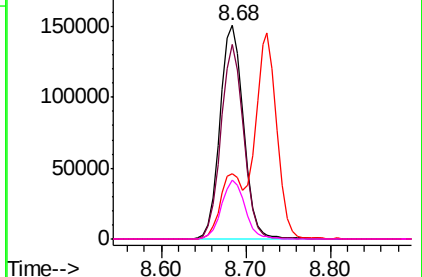
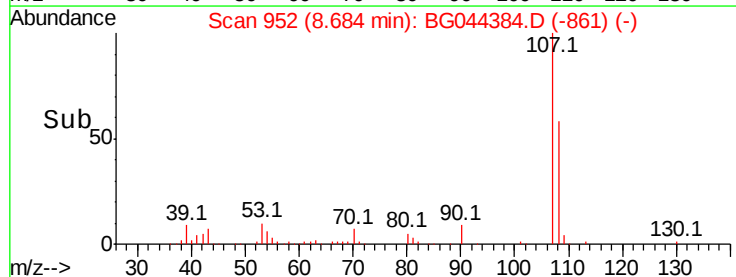


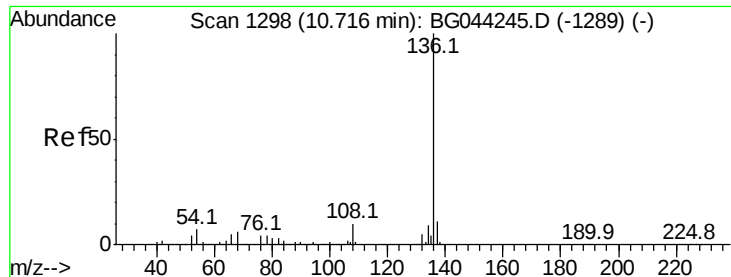
Abundance Ion 107.00 (106.70 to 107.70): BGC

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# 1296

Delta R.T. 0.00 min

Lab File: BG044384.D

Acq: 11 Feb 2020 11:07

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 309203

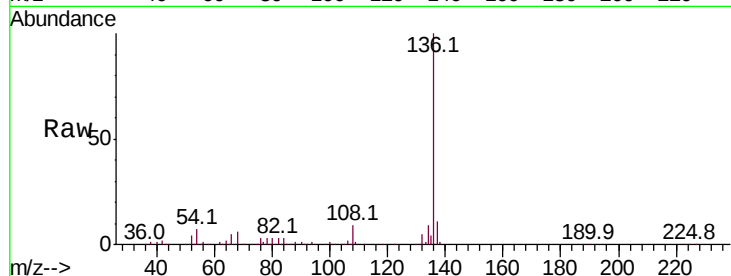
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 7.3 5.8 8.8

68 5.9 4.6 6.8

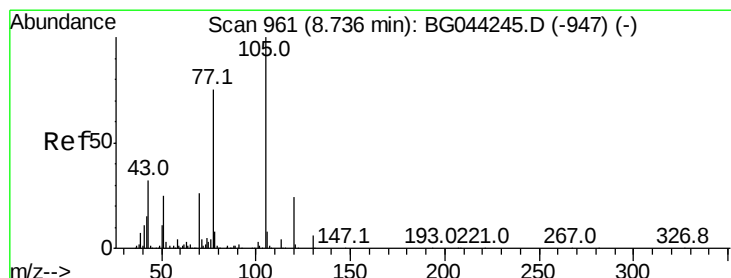
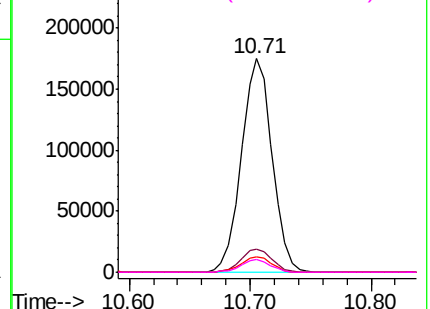
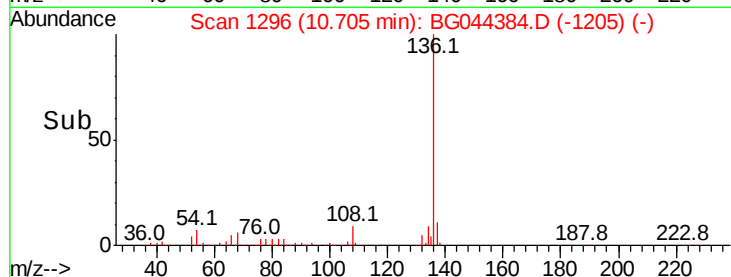


Abundance Ion 136.00 (135.70 to 136.70): E

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: 45.166 ng

RT: 8.73 min Scan# 959

Delta R.T. 0.00 min

Lab File: BG044384.D

Acq: 11 Feb 2020 11:07

Tgt Ion:105 Resp: 339737

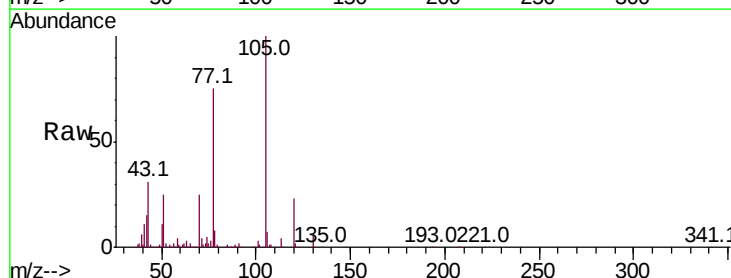
Ion Ratio Lower Upper

105 100

71 4.1 3.4 5.0

51 25.0 20.2 30.4

120 23.3 19.1 28.7

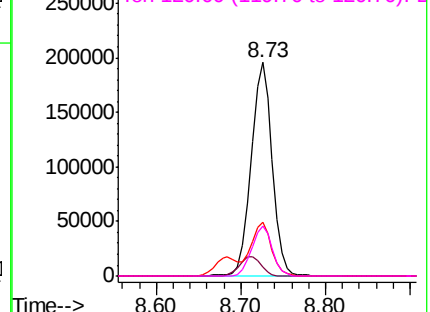
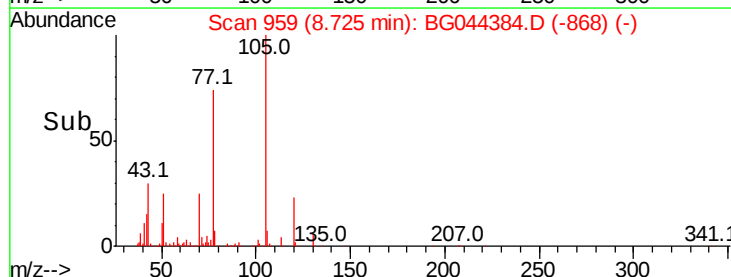


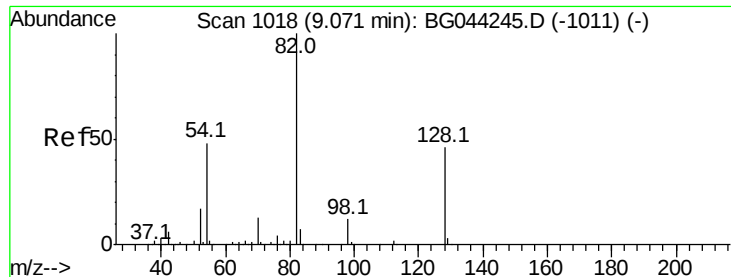
Abundance Ion 105.00 (104.70 to 105.70): E

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

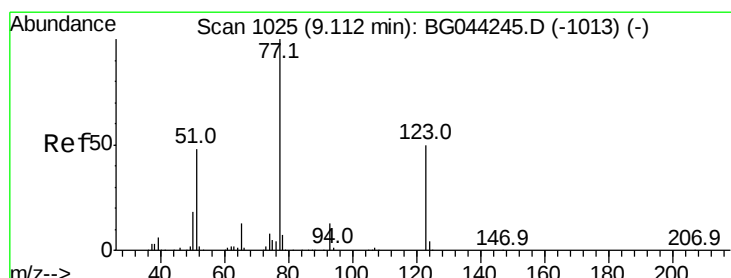
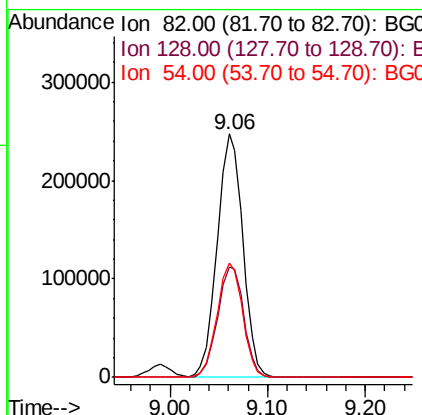
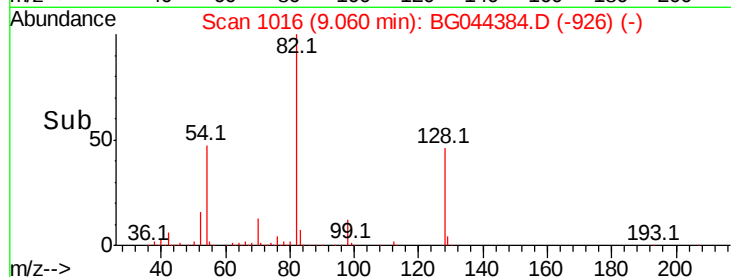
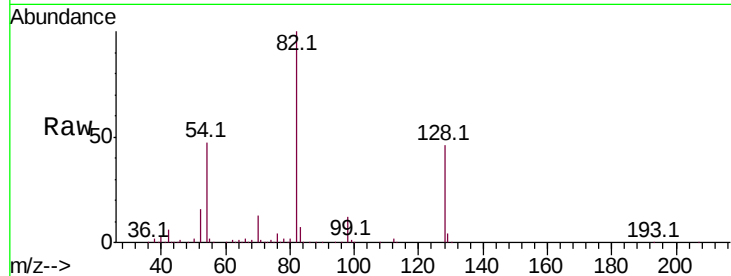




#23
 Nitrobenzene-d5
 Concen: 82.097 ng
 RT: 9.06 min Scan# 1016
 Delta R.T. -0.00 min
 Lab File: BG044384.D
 Acq: 11 Feb 2020 11:07

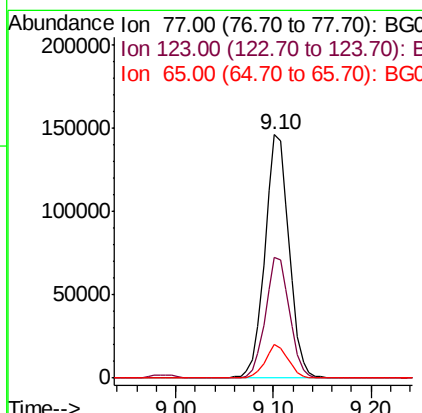
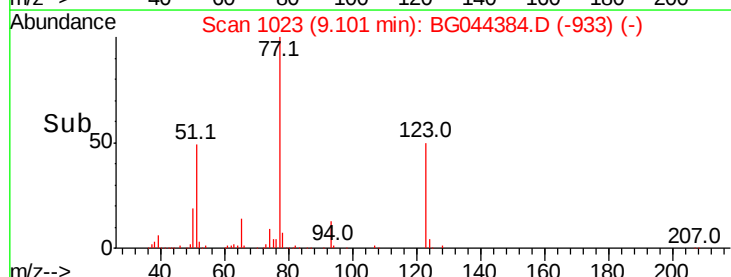
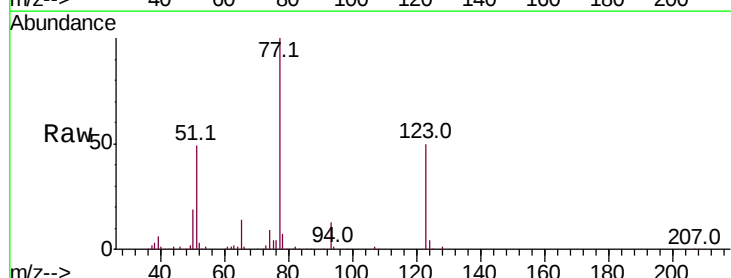
Instrument :
 BNA_G
 ClientSampleId :

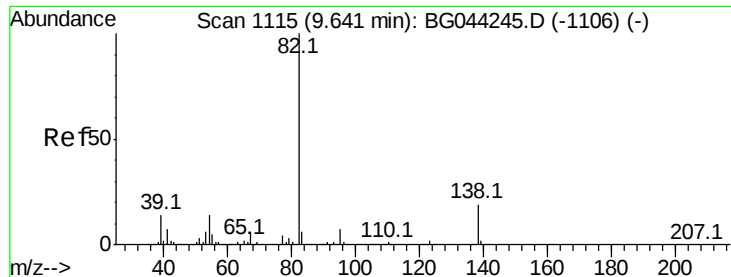
Tot Ion: 82 Resp: 449631
 Ion Ratio Lower Upper
 82 100
 128 45.5 36.5 54.7
 54 46.7 38.6 58.0



#24
 Nitrobenzene
 Concen: 47.622 ng
 RT: 9.10 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: BG044384.D
 Acq: 11 Feb 2020 11:07

Tgt Ion: 77 Resp: 254624
 Ion Ratio Lower Upper
 77 100
 123 49.5 39.9 59.9
 65 13.7 10.4 15.6





#25

Isophorone

Concen: 47.648 ng

RT: 9.63 min Scan# 1113

Delta R.T. -0.00 min

Lab File: BG044384.D

Acq: 11 Feb 2020 11:07

Instrument :

BNA_G

ClientSampleId :

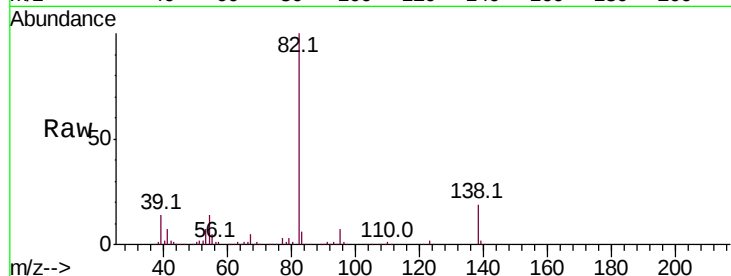
Tot Ion: 82 Resp: 486403

Ion Ratio Lower Upper

82 100

95 6.6 5.7 8.5

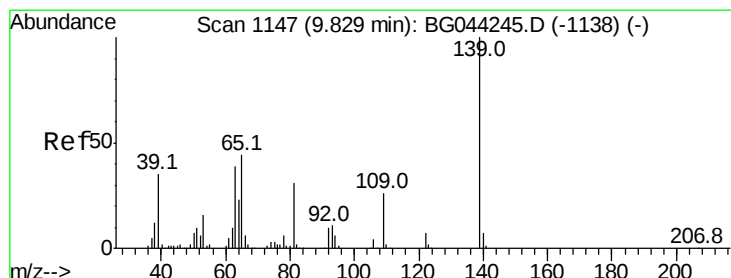
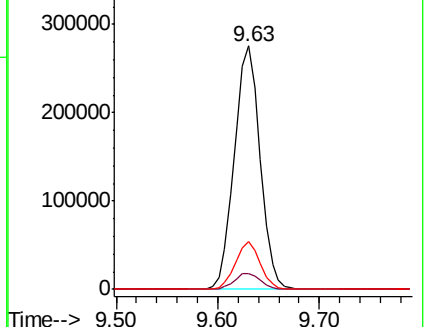
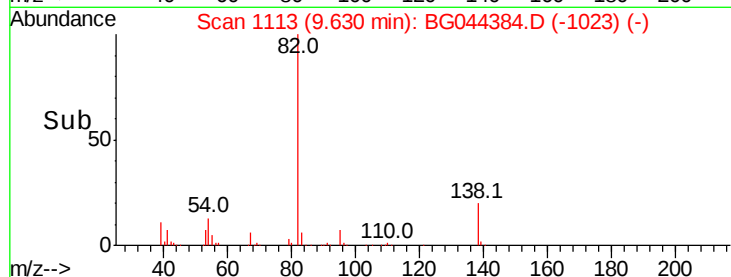
138 19.4 15.0 22.4



Abundance Ion 82.00 (81.70 to 82.70): BG044384.D (-1023) (-)

Ion 95.00 (94.70 to 95.70): BG044384.D (-1023) (-)

Ion 138.00 (137.70 to 138.70): BG044384.D (-1023) (-)



#26

2-Nitrophenol

Concen: 51.133 ng

RT: 9.82 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BG044384.D

Acq: 11 Feb 2020 11:07

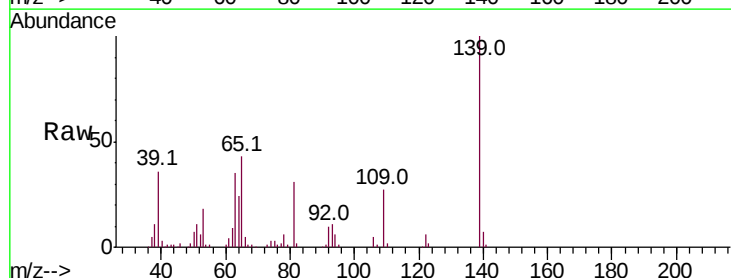
Tgt Ion: 139 Resp: 141861

Ion Ratio Lower Upper

139 100

109 26.9 21.0 31.4

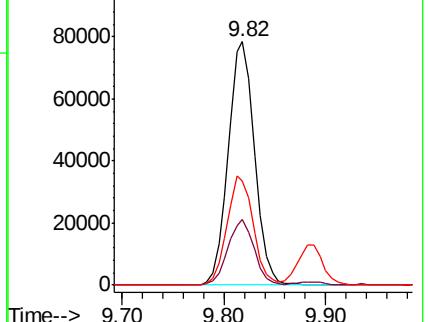
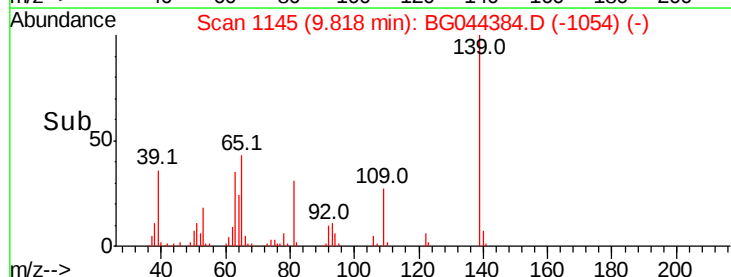
65 42.9 35.0 52.4

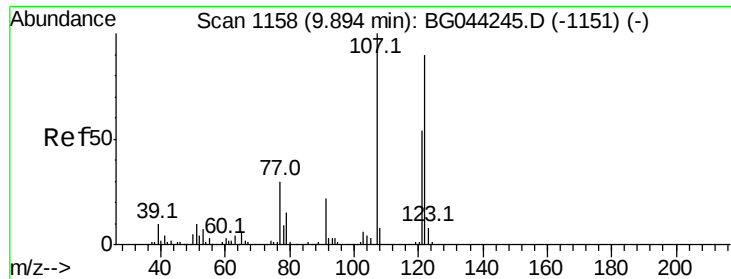


Abundance Ion 139.00 (138.70 to 139.70): BG044384.D (-1054) (-)

Ion 109.00 (108.70 to 109.70): BG044384.D (-1054) (-)

Ion 65.00 (64.70 to 65.70): BG044384.D (-1054) (-)

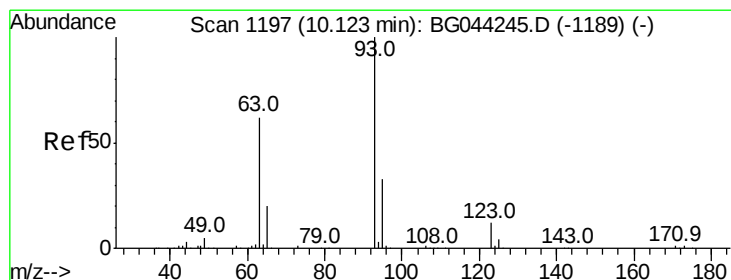
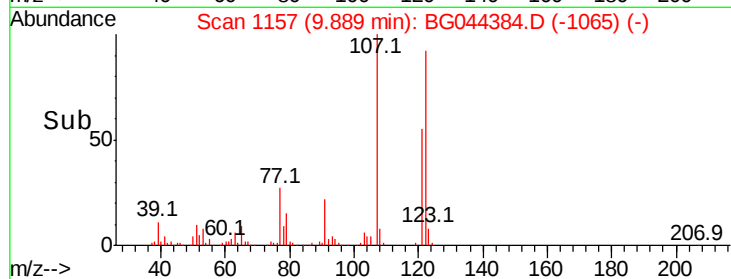
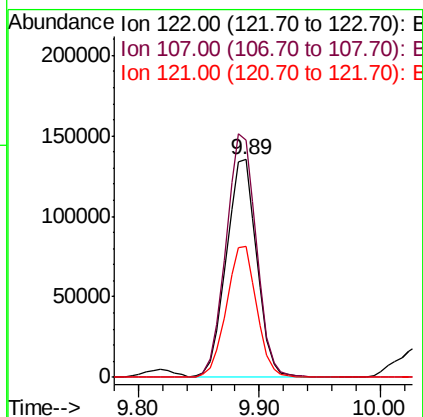
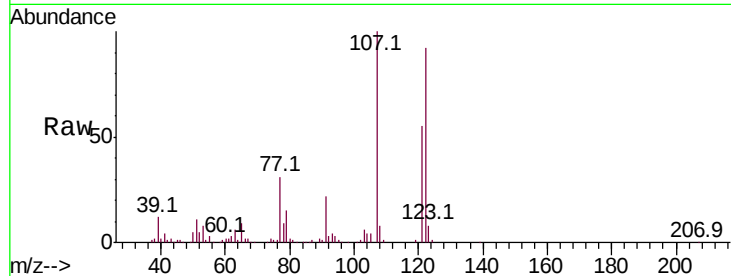




#27
2,4-Dimethylphenol
Concen: 60.367 ng
RT: 9.89 min Scan# 1157
Delta R.T. 0.01 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

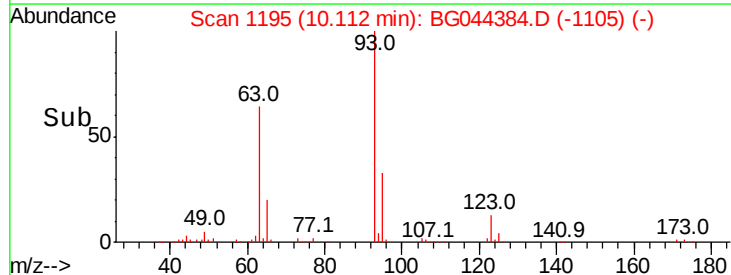
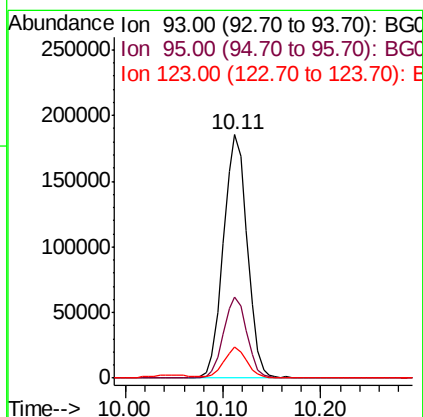
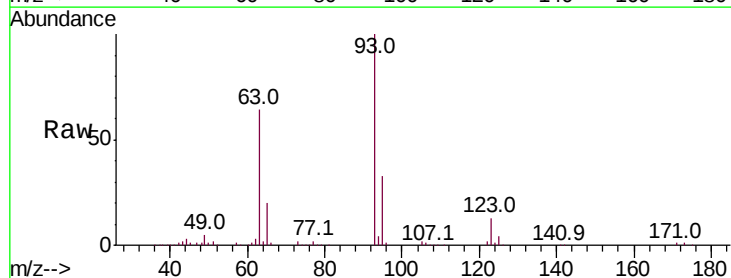
Instrument :
BNA_G
ClientSampleId :

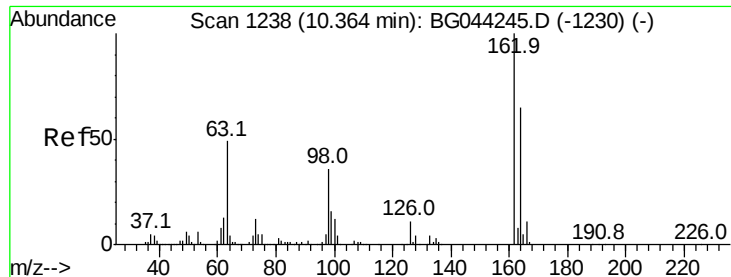
Tot Ion	Ratio	Lower	Upper
122	100		
107	109.1	88.8	133.2
121	60.4	48.3	72.5



#28
bis(2-Chloroethoxy)methane
Concen: 45.999 ng
RT: 10.11 min Scan# 1195
Delta R.T. -0.00 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.6	40.0
123	12.8	10.0	15.0

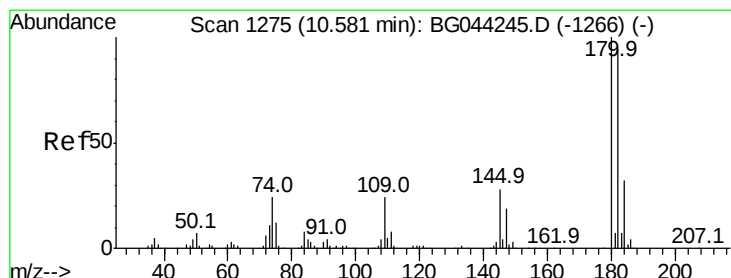
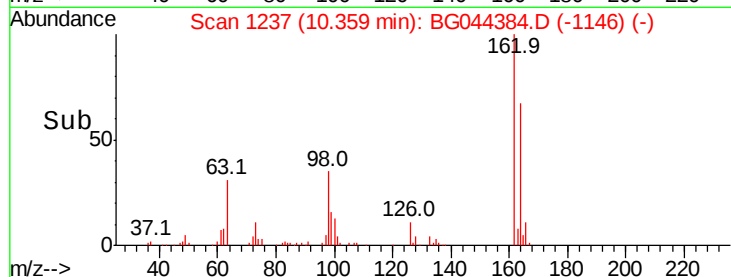
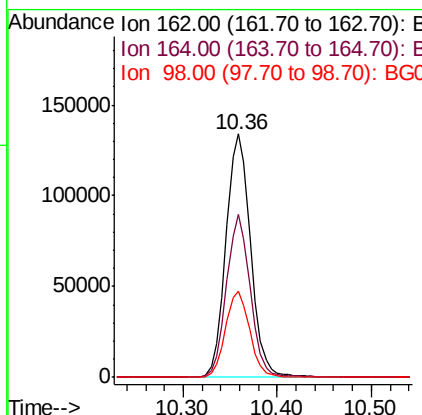
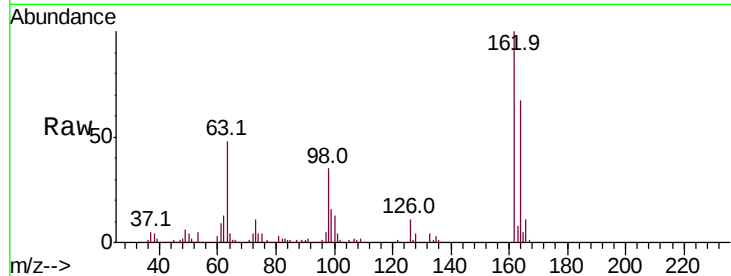




#29
 2,4-Dichlorophenol
 Concen: 51.566 ng
 RT: 10.36 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: BG044384.D
 Acq: 11 Feb 2020 11:07

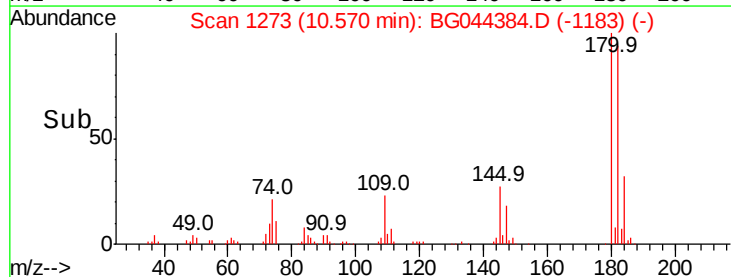
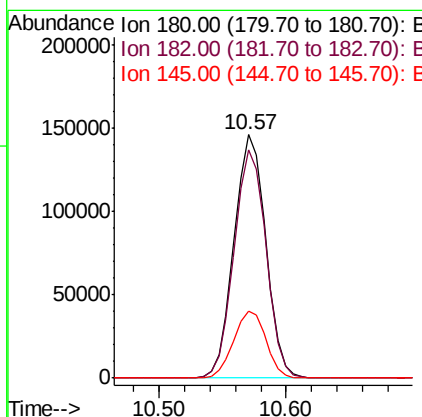
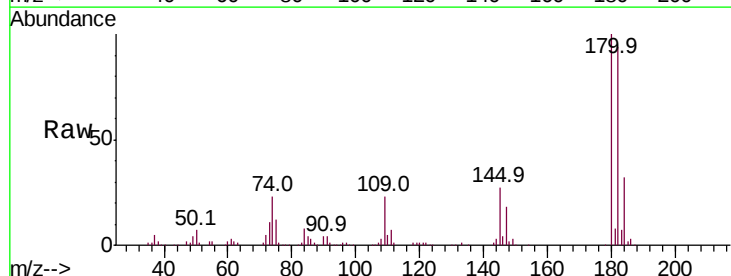
Instrument :
 BNA_G
 ClientSampleId :

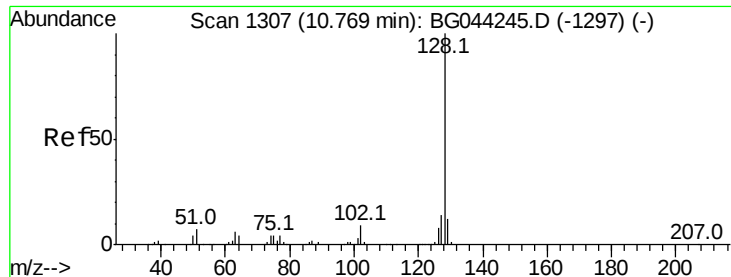
Tot Ion	Ratio	Lower	Upper
162	100		
164	67.0	44.7	84.7
98	35.4	15.8	55.8



#30
 1,2,4-Trichlorobenzene
 Concen: 46.578 ng
 RT: 10.57 min Scan# 1273
 Delta R.T. -0.00 min
 Lab File: BG044384.D
 Acq: 11 Feb 2020 11:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	75.5	113.3
145	27.5	22.6	34.0

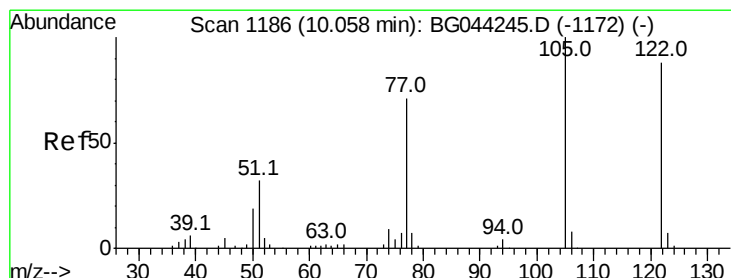
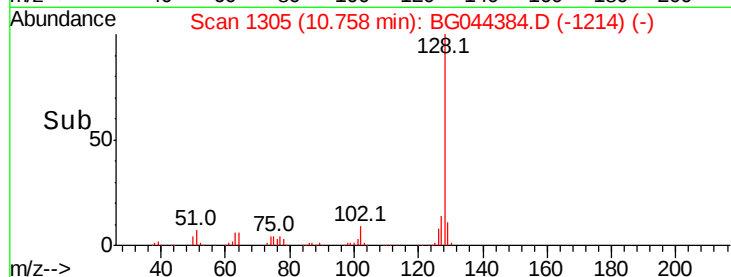
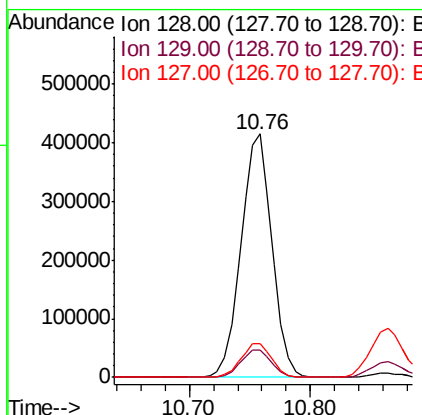
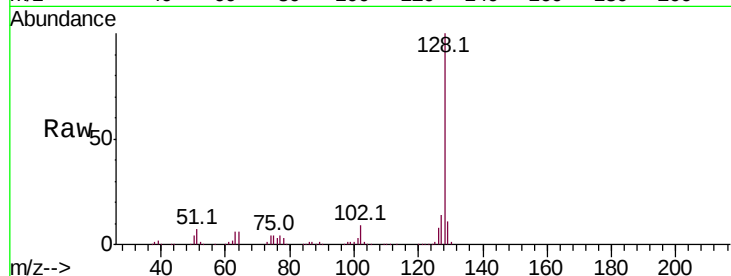




#31
Naphthalene
Concen: 49.084 ng
RT: 10.76 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

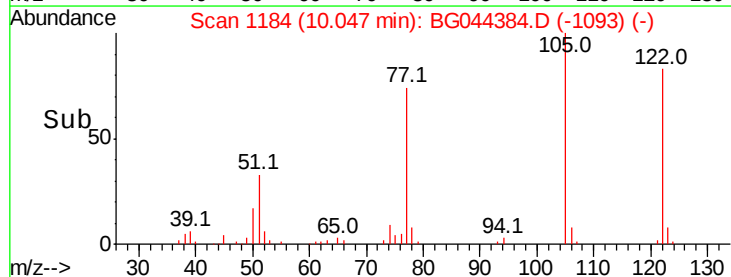
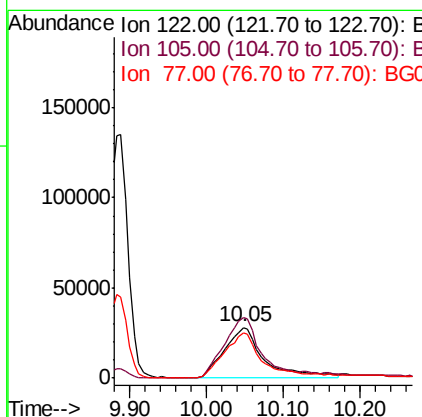
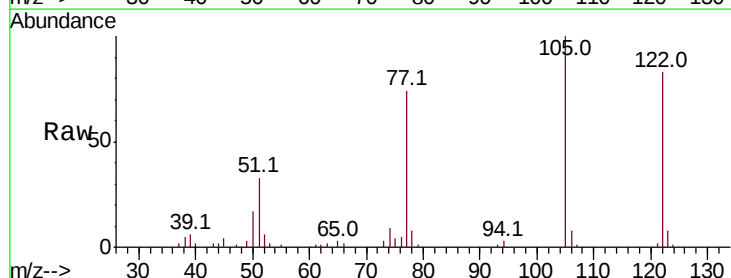
Instrument :
BNA_G
ClientSampleId :

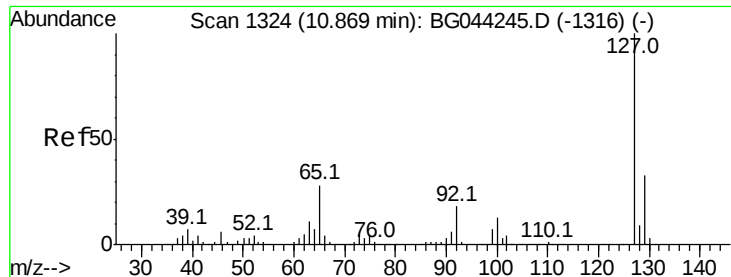
Tot Ion:128 Resp: 736340
Ion Ratio Lower Upper
128 100
129 11.3 9.3 13.9
127 14.1 11.6 17.4



#32
Benzoic acid
Concen: 41.282 ng
RT: 10.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

Tgt Ion:122 Resp: 99232
Ion Ratio Lower Upper
122 100
105 120.6 93.5 133.5
77 88.7 61.0 101.0

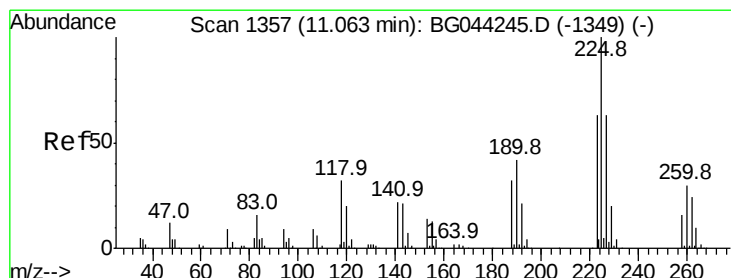
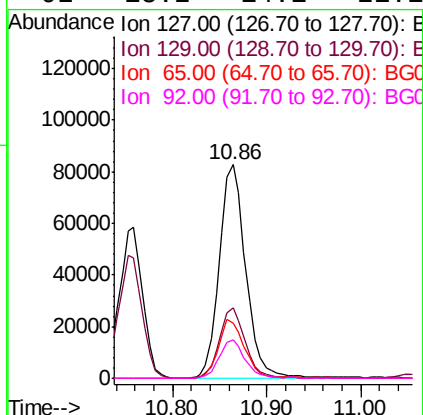
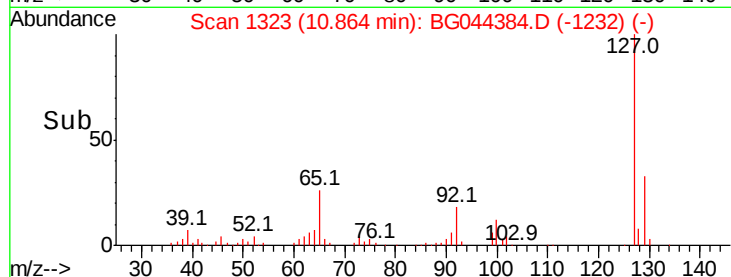
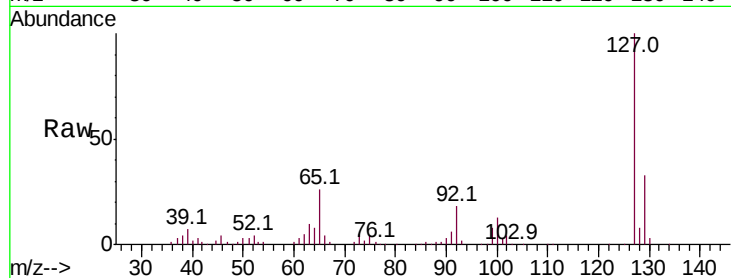




#33
4-Chloroaniline
Concen: 23.855 ng
RT: 10.86 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

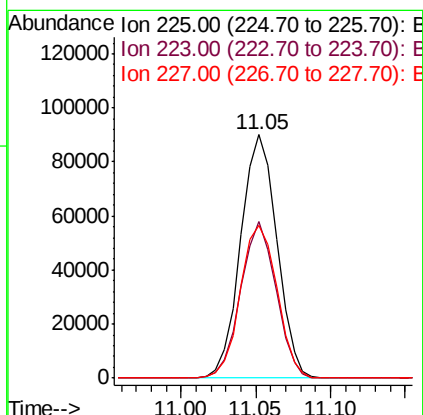
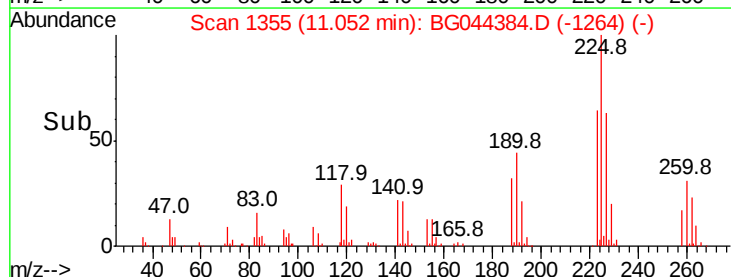
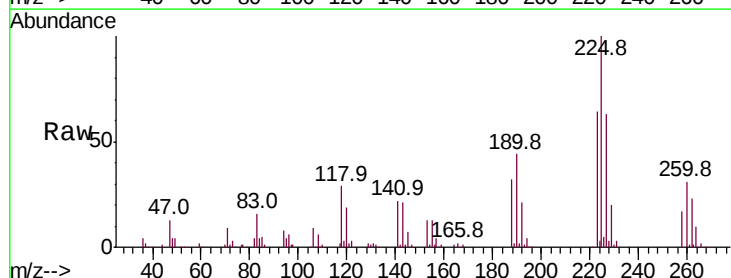
Instrument :
BNA_G
ClientSampled :

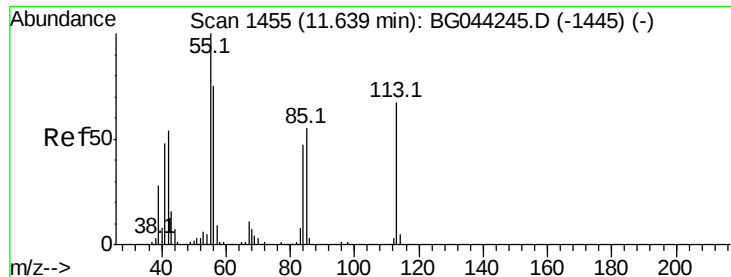
Tot Ion:	127	Resp:	162760
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.6	40.0
65	25.7	22.5	33.7
92	18.2	14.1	21.1



#34
Hexachlorobutadiene
Concen: 45.425 ng
RT: 11.05 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

Tgt Ion:	225	Resp:	151774
Ion	Ratio	Lower	Upper
225	100		
223	64.5	50.2	75.4
227	62.9	50.8	76.2





#35

Caprolactam

Concen: 28.902 ng

RT: 11.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BG044384.D

Acq: 11 Feb 2020 11:07

Instrument :

BNA_G

ClientSampleId :

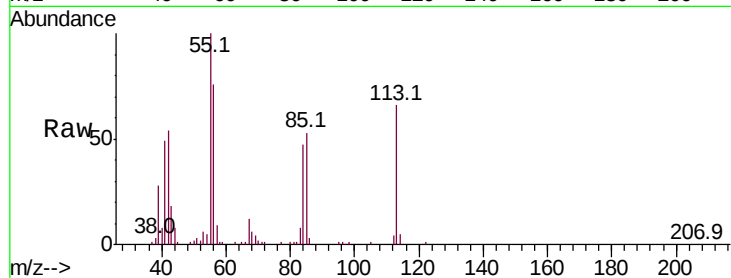
Tot Ion:113 Resp: 50137

Ion Ratio Lower Upper

113 100

55 150.9 129.9 169.9

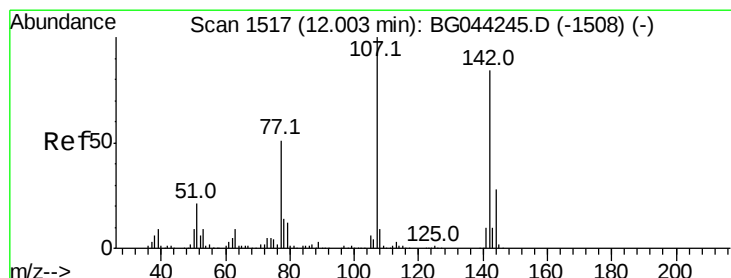
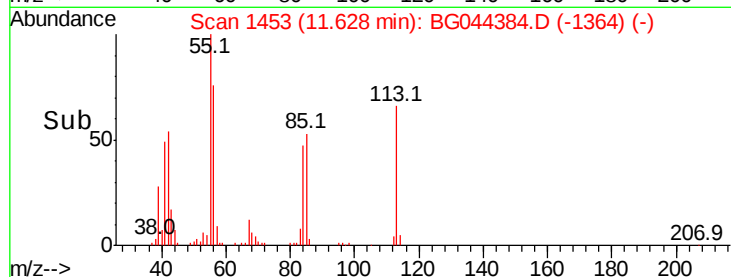
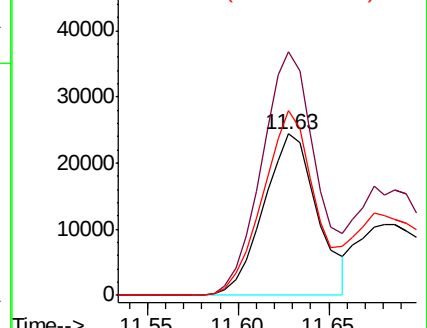
56 114.5 92.5 132.5



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 51.294 ng

RT: 12.00 min Scan# 1516

Delta R.T. 0.00 min

Lab File: BG044384.D

Acq: 11 Feb 2020 11:07

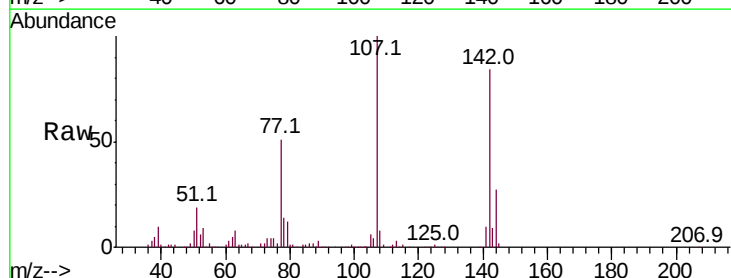
Tgt Ion:107 Resp: 254672

Ion Ratio Lower Upper

107 100

144 26.8 22.2 33.4

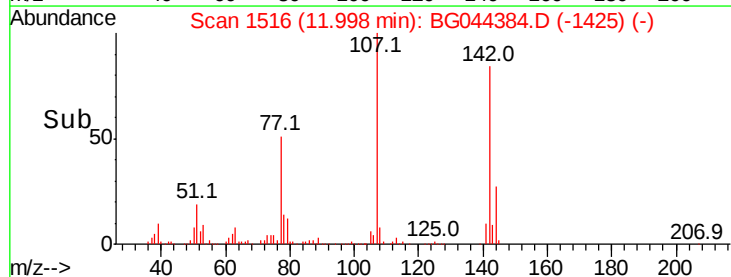
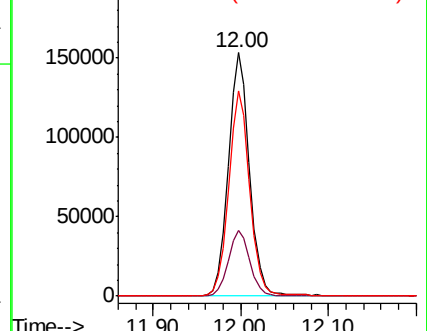
142 84.2 67.4 101.0

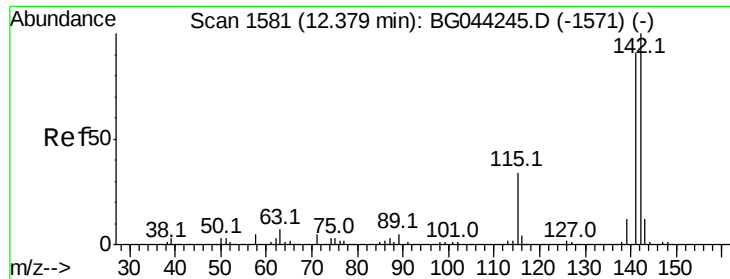


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

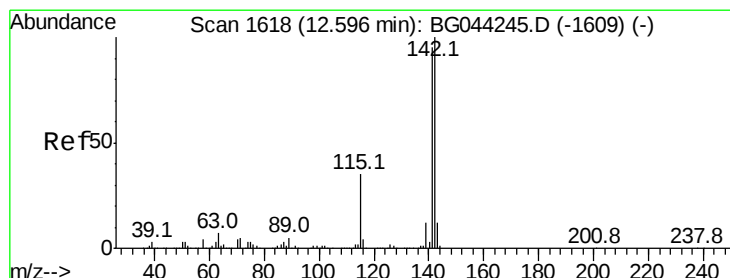
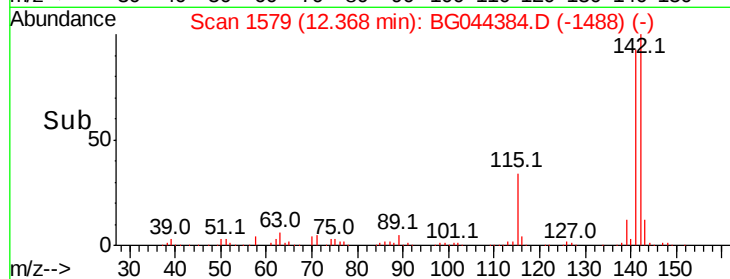
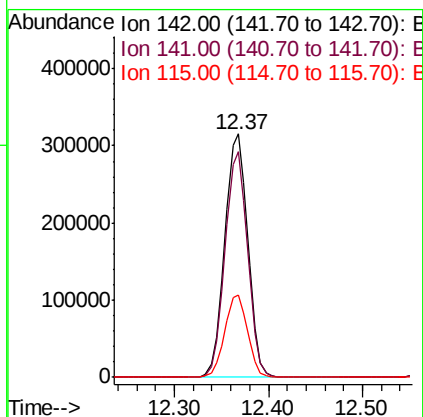
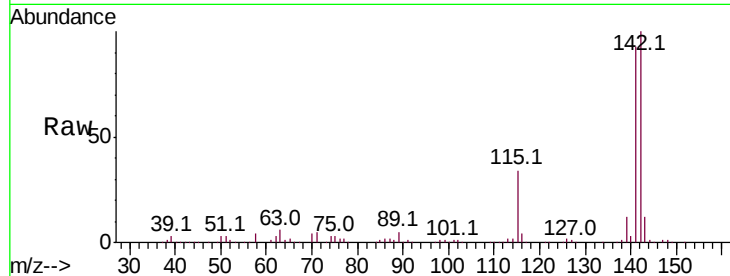




#37
 2-Methylnaphthalene
 Concen: 48.199 ng
 RT: 12.37 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: BG044384.D
 Acq: 11 Feb 2020 11:07

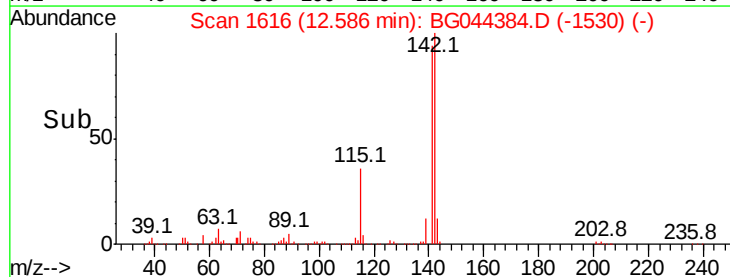
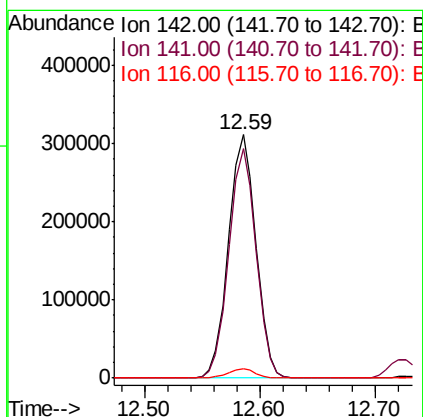
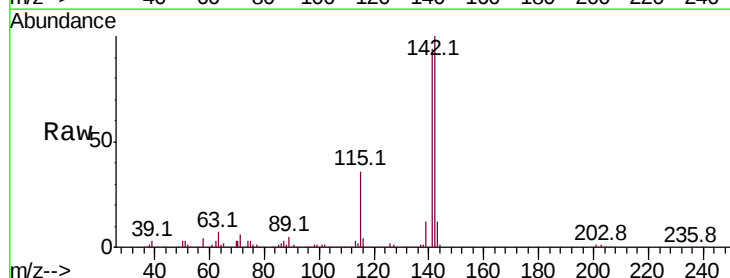
Instrument :
 BNA_G
 ClientSampleId :

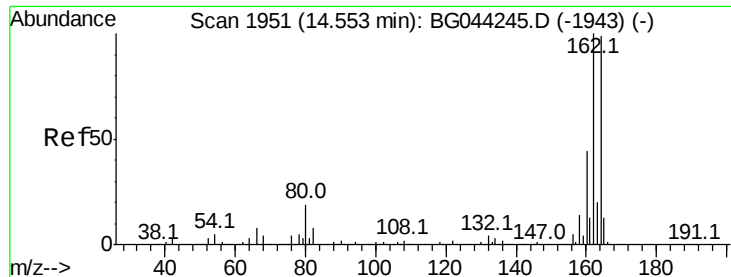
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.7	73.2	109.8
115	33.9	27.1	40.7



#38
 1-Methylnaphthalene
 Concen: 48.758 ng
 RT: 12.59 min Scan# 1616
 Delta R.T. 0.00 min
 Lab File: BG044384.D
 Acq: 11 Feb 2020 11:07

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.2	75.8	113.6
116	3.7	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.54 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG044384.D

Acq: 11 Feb 2020 11:07

Instrument :

BNA_G

ClientSampleId :

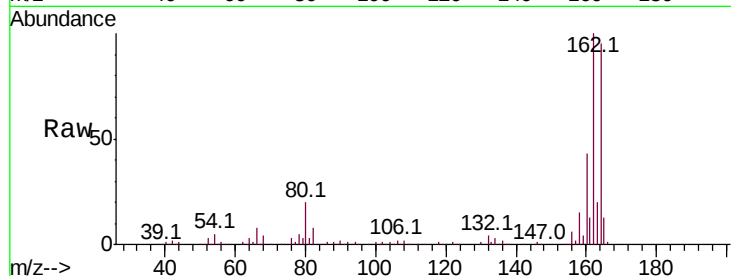
Tot Ion:164 Resp: 198173

Ion Ratio Lower Upper

164 100

162 105.6 80.7 121.1

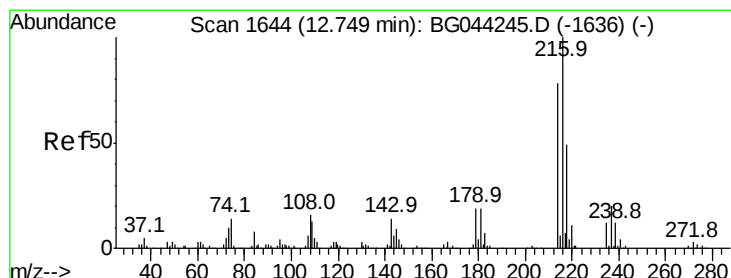
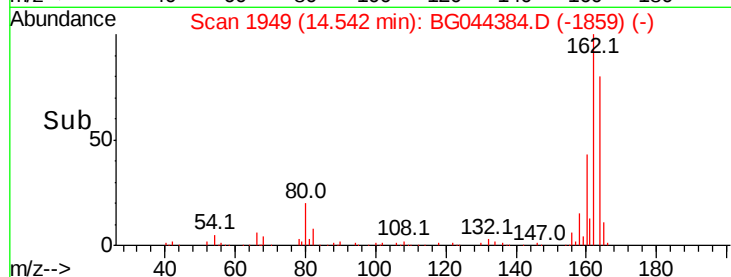
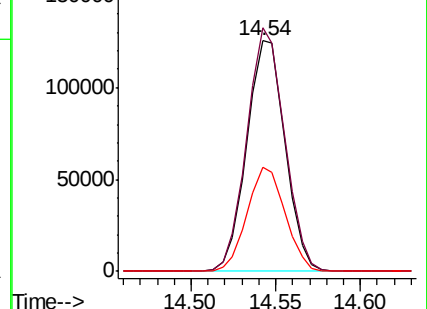
160 45.3 35.3 52.9



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: 44.687 ng

RT: 12.74 min Scan# 1642

Delta R.T. -0.00 min

Lab File: BG044384.D

Acq: 11 Feb 2020 11:07

Tgt Ion:216 Resp: 264907

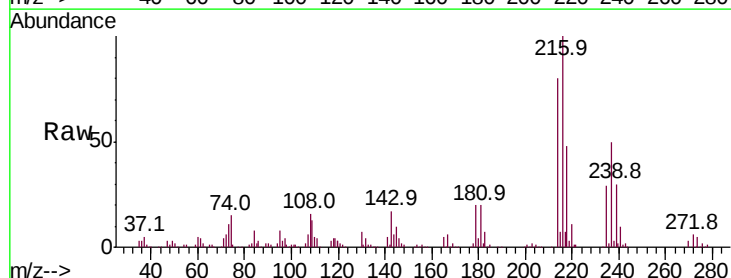
Ion Ratio Lower Upper

216 100

214 79.2 63.0 94.6

179 20.7 16.2 24.4

108 19.0 13.5 20.3

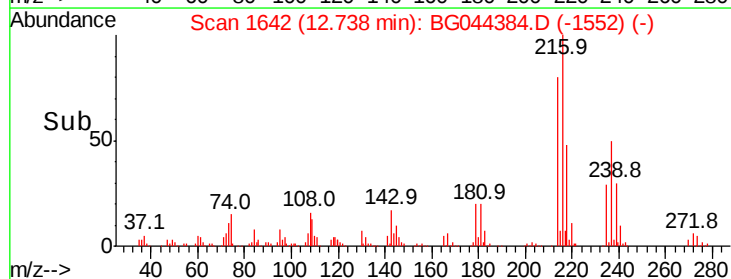
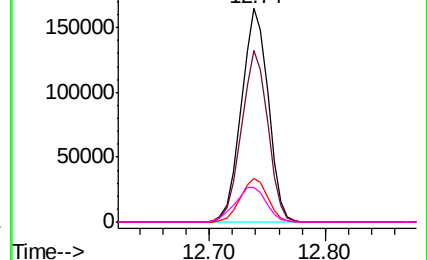


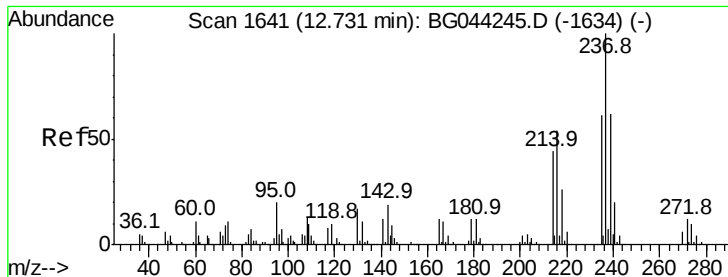
Abundance Ion 216.00 (215.70 to 216.70): E

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

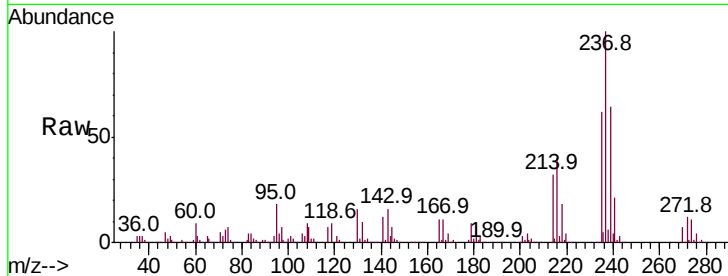




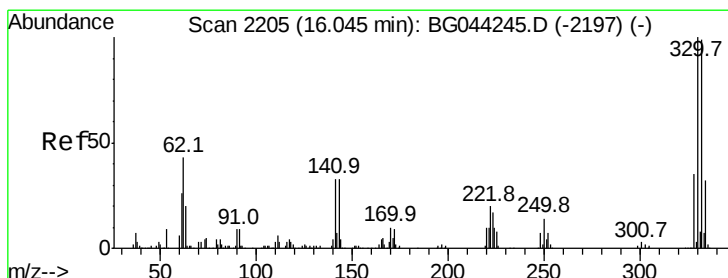
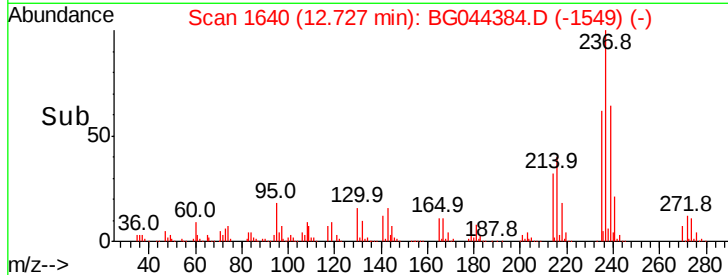
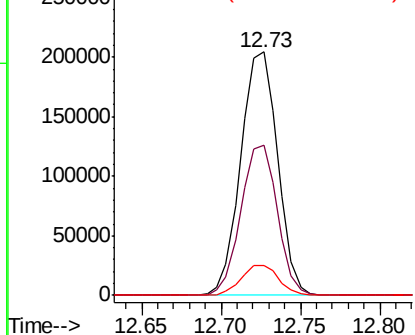
#41
Hexachlorocyclopentadiene
Concen: 115.948 ng
RT: 12.73 min Scan# 1640
Delta R.T. 0.00 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	61.9	41.2	81.2
272	12.4	0.0	32.4

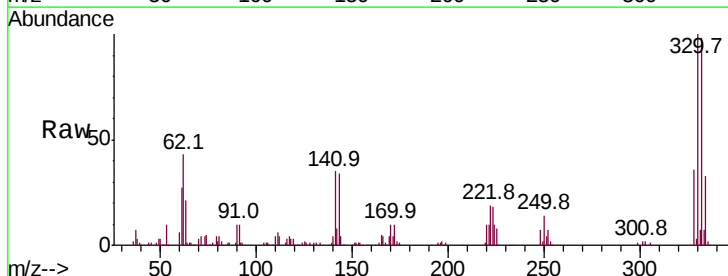


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

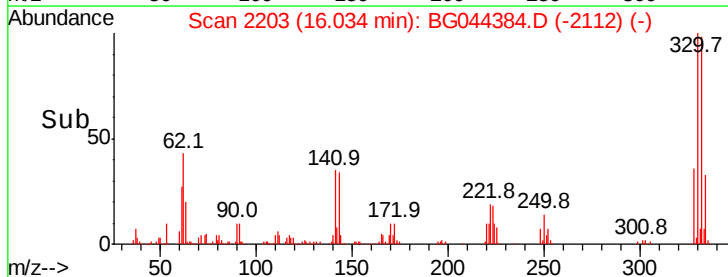
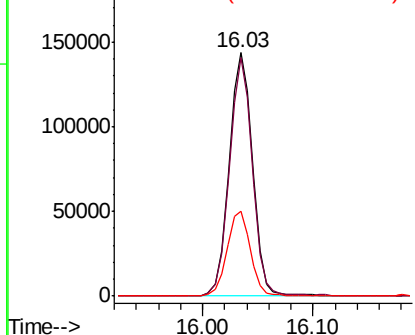


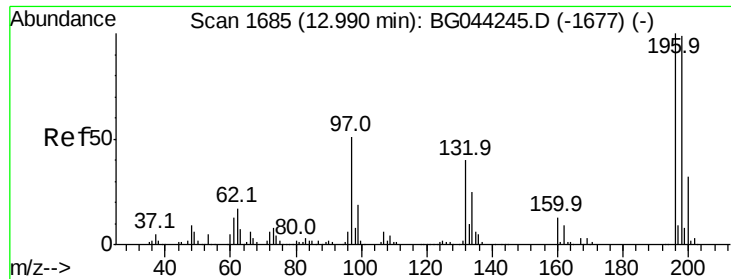
#42
2,4,6-Tribromophenol
Concen: 91.911 ng
RT: 16.03 min Scan# 2203
Delta R.T. 0.00 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.2	115.8
141	35.0	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

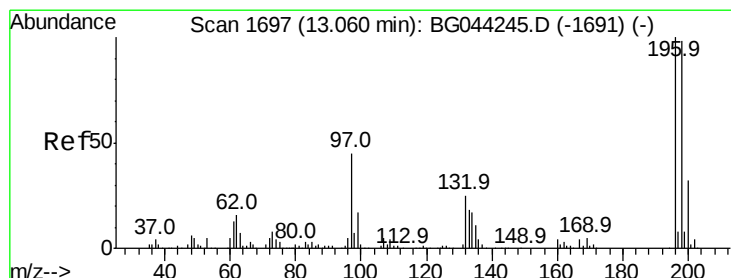
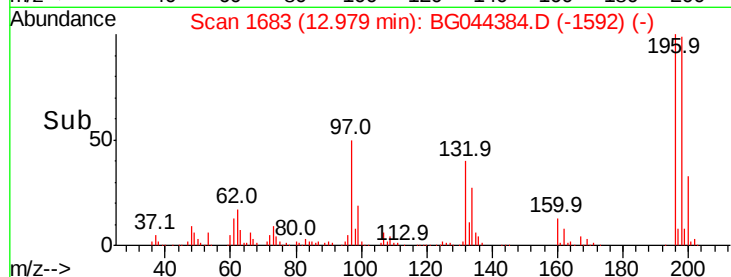
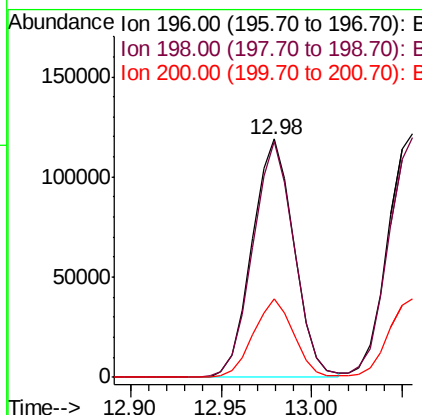
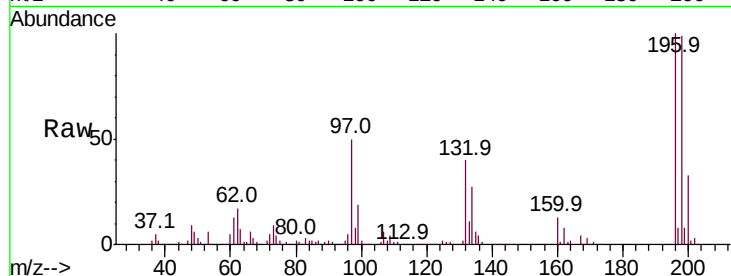




#43
 2,4,6-Trichlorophenol
 Concen: 49.838 ng
 RT: 12.98 min Scan# 1683
 Delta R.T. 0.00 min
 Lab File: BG044384.D
 Acq: 11 Feb 2020 11:07

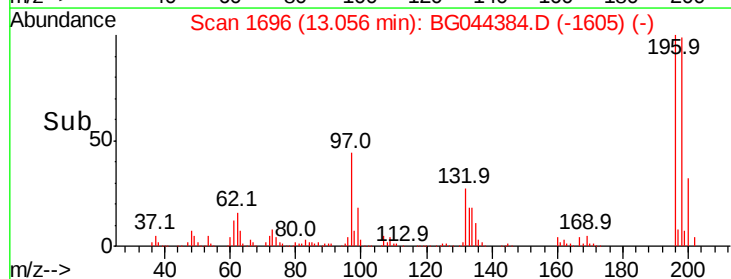
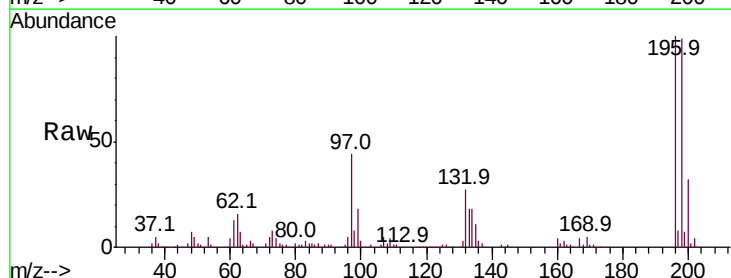
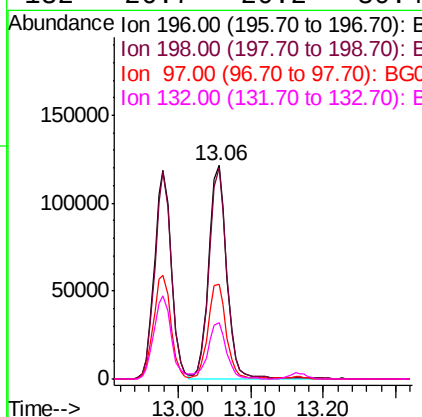
Instrument :
 BNA_G
 ClientSampleId :

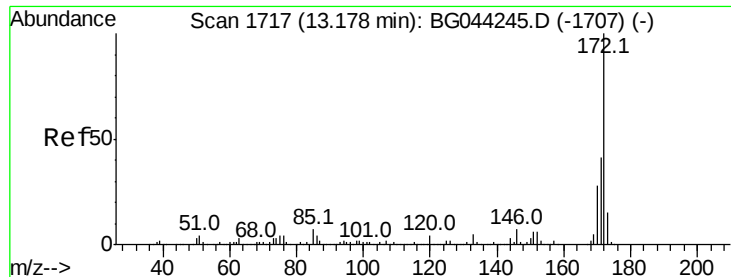
Tot Ion	Ratio	Lower	Upper
196	100		
198	99.0	79.3	118.9
200	32.8	25.7	38.5



#44
 2,4,5-Trichlorophenol
 Concen: 53.605 ng
 RT: 13.06 min Scan# 1696
 Delta R.T. 0.00 min
 Lab File: BG044384.D
 Acq: 11 Feb 2020 11:07

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.7	78.2	117.2
97	44.1	36.2	54.4
132	26.7	20.2	30.4

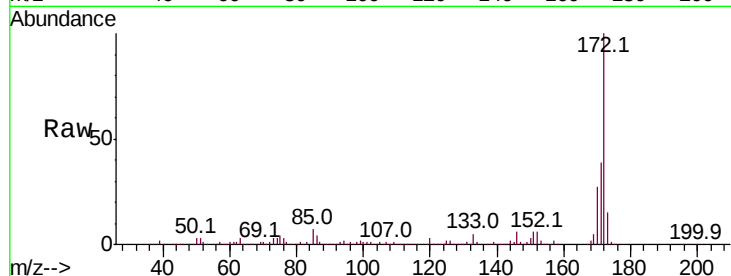




#45
2-Fluorobiphenyl
Concen: 84.429 ng
RT: 13.17 min Scan# 1715
Delta R.T. 0.00 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.9	32.9	49.3
170	26.9	22.0	33.0

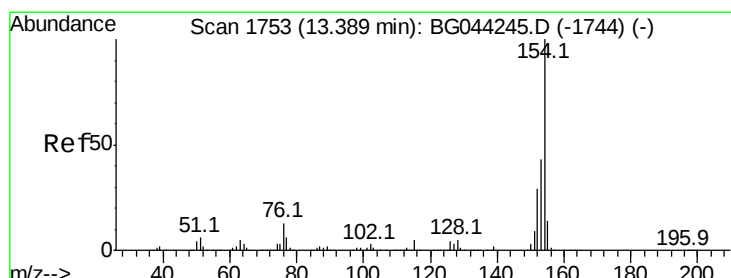
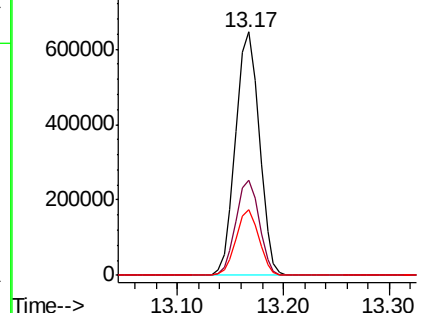
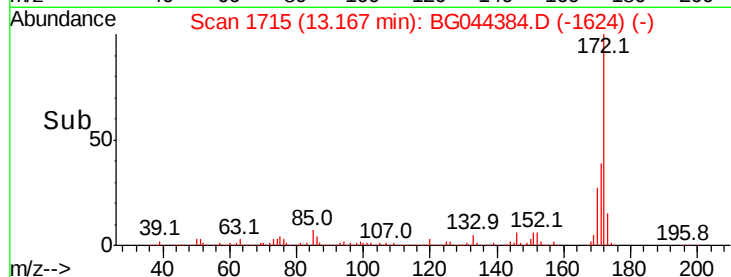


Abundance

Ion 172.00 (171.70 to 172.70): E

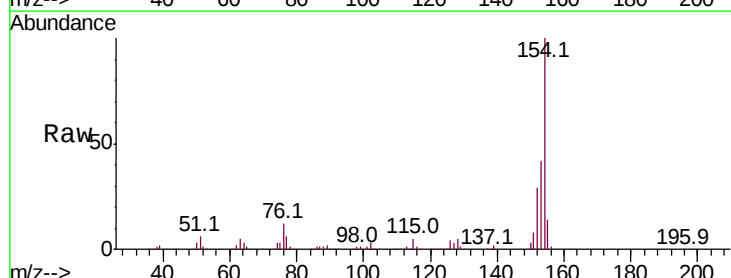
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 47.585 ng
RT: 13.38 min Scan# 1751
Delta R.T. 0.00 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	22.7	62.7
76	12.4	0.0	32.9

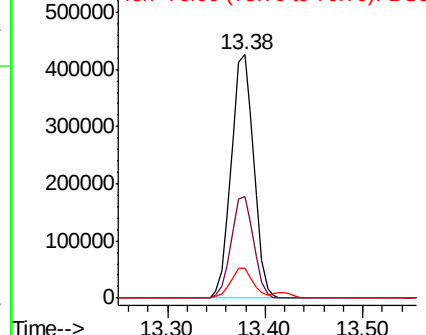
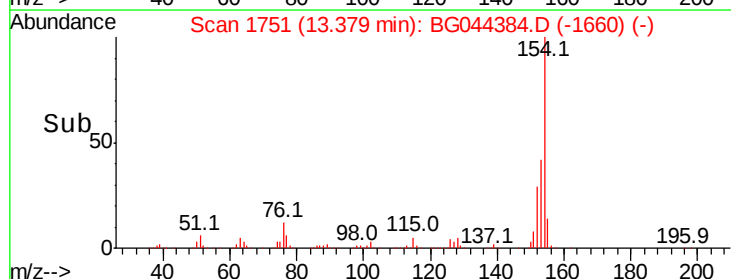


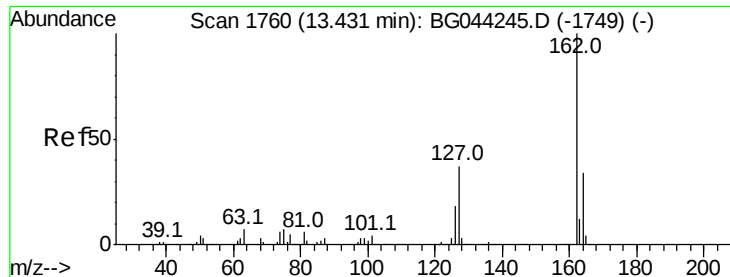
Abundance

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

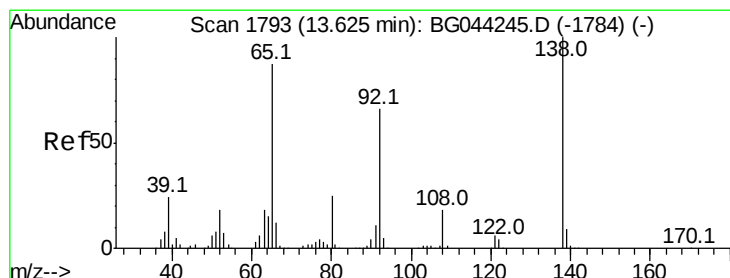
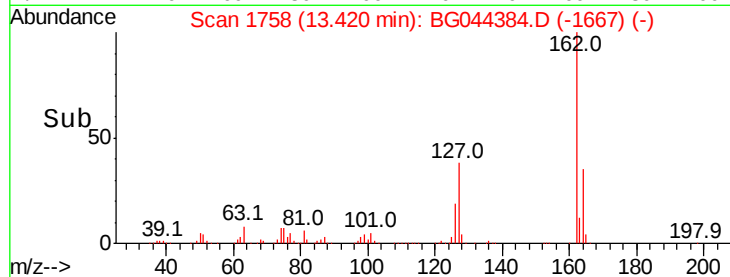
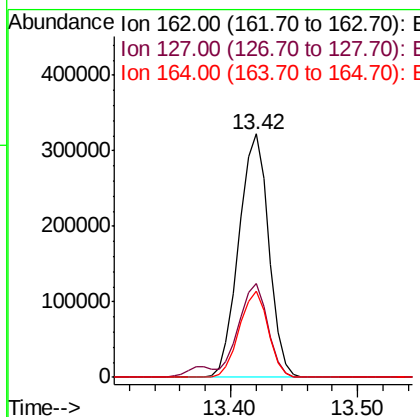
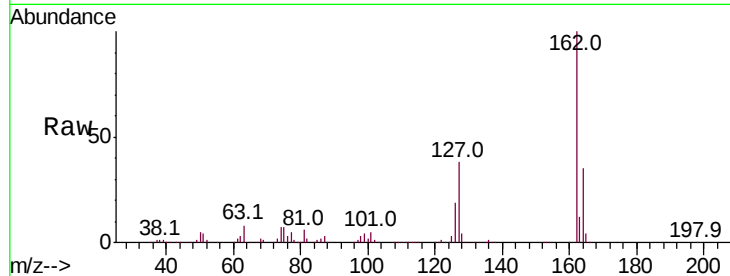




#47
 2-Chloronaphthalene
 Concen: 46.351 ng
 RT: 13.42 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: BG044384.D
 Acq: 11 Feb 2020 11:07

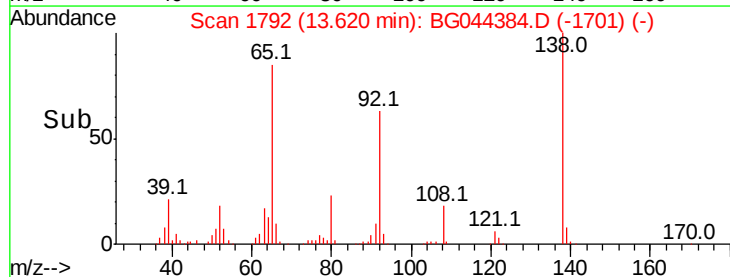
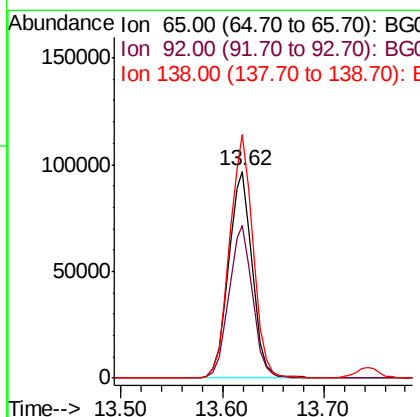
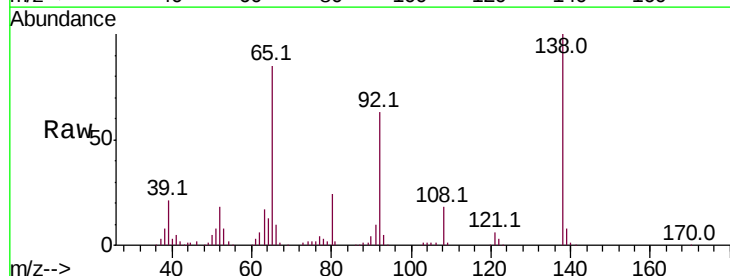
Instrument :
 BNA_G
 ClientSampleId :

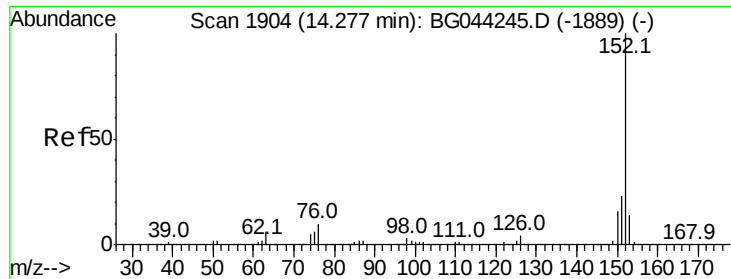
Tot Ion:162 Resp: 527234
 Ion Ratio Lower Upper
 162 100
 127 38.4 30.0 45.0
 164 35.4 27.2 40.8



#48
 2-Nitroaniline
 Concen: 46.490 ng
 RT: 13.62 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: BG044384.D
 Acq: 11 Feb 2020 11:07

Tgt Ion: 65 Resp: 156062
 Ion Ratio Lower Upper
 65 100
 92 73.8 60.3 90.5
 138 117.8 91.9 137.9





#49

Acenaphthylene

Concen: 50.273 ng

RT: 14.27 min Scan# 1902

Delta R.T. 0.00 min

Lab File: BG044384.D

Acq: 11 Feb 2020 11:07

Instrument :

BNA_G

ClientSampleId :

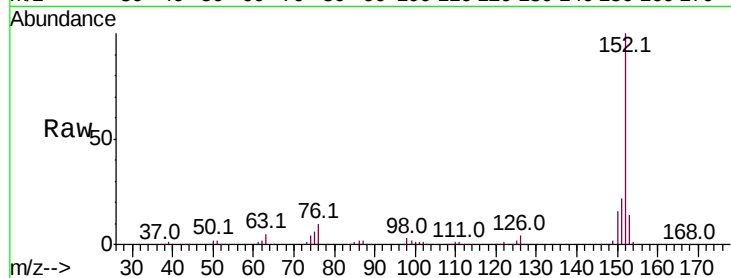
Tot Ion:152 Resp: 838744

Ion Ratio Lower Upper

152 100

151 22.4 18.1 27.1

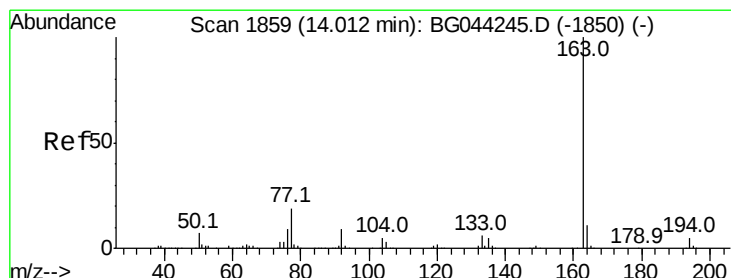
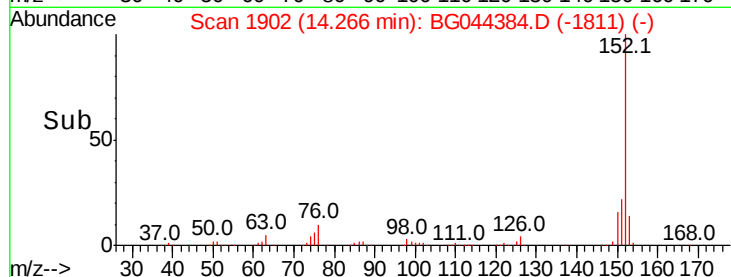
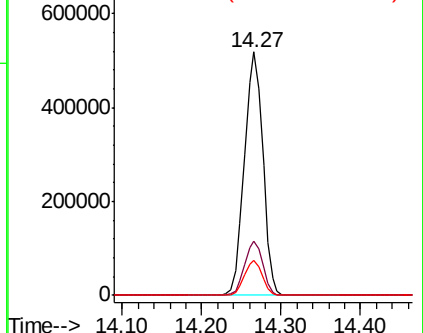
153 14.3 11.5 17.3



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: 47.921 ng

RT: 14.00 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BG044384.D

Acq: 11 Feb 2020 11:07

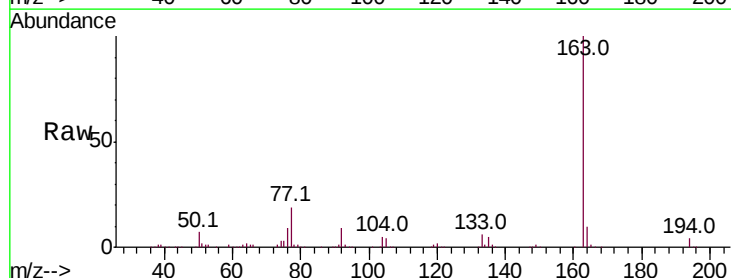
Tgt Ion:163 Resp: 682650

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

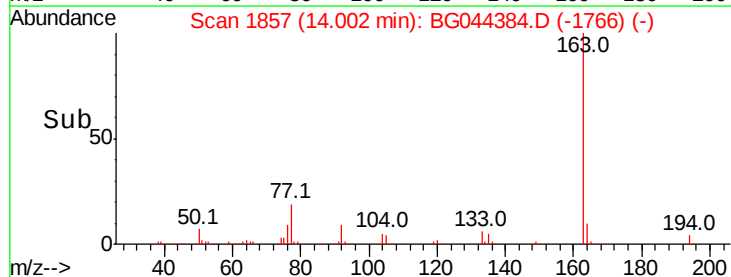
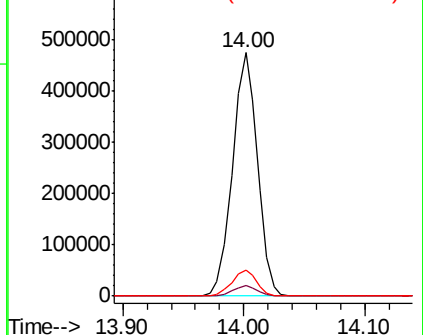
164 10.4 8.7 13.1

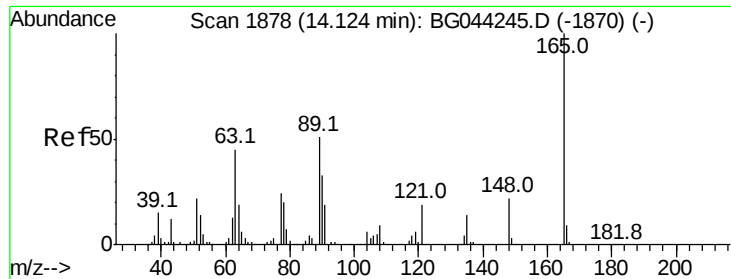


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 49.373 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.00 min

Lab File: BG044384.D

Acq: 11 Feb 2020 11:07

Instrument :

BNA_G

ClientSampleId :

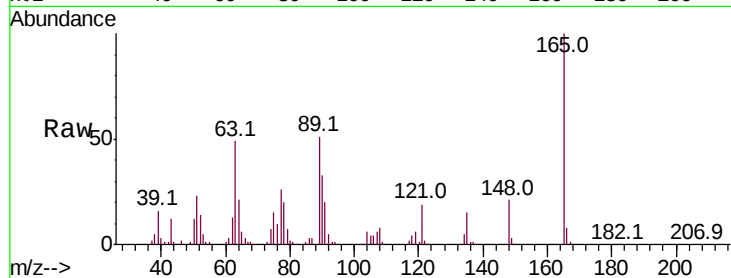
Tot Ion:165 Resp: 156819

Ion Ratio Lower Upper

165 100

63 48.6 38.7 58.1

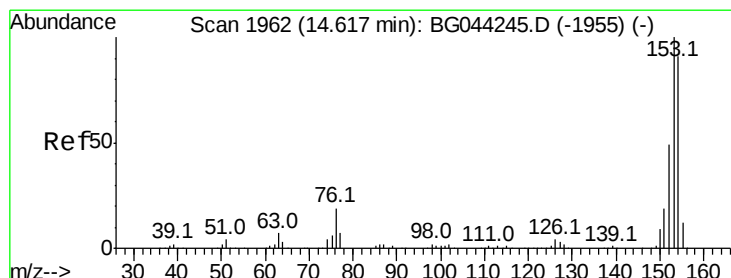
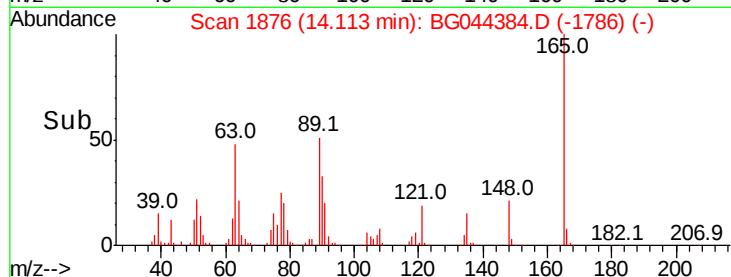
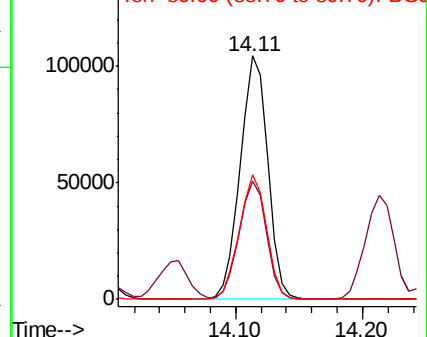
89 51.2 40.4 60.6



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: 47.601 ng

RT: 14.61 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BG044384.D

Acq: 11 Feb 2020 11:07

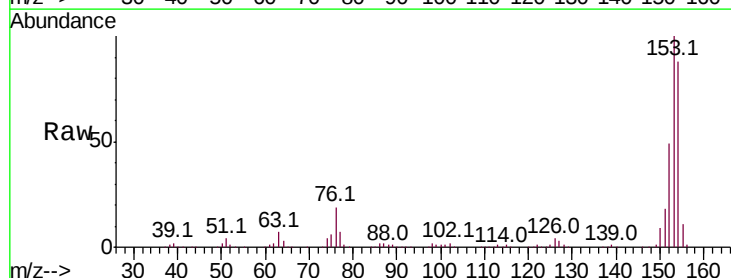
Tgt Ion:154 Resp: 514756

Ion Ratio Lower Upper

154 100

153 113.2 87.9 131.9

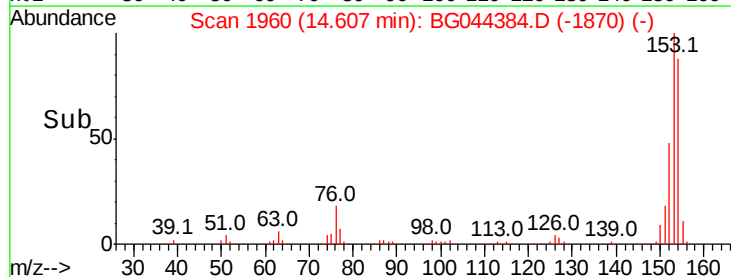
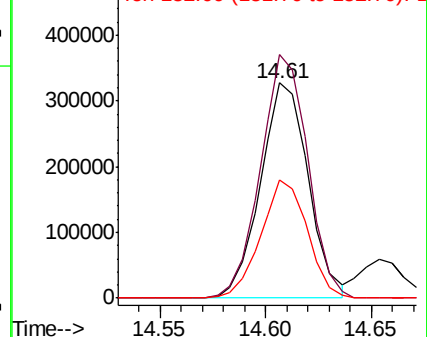
152 54.9 43.1 64.7

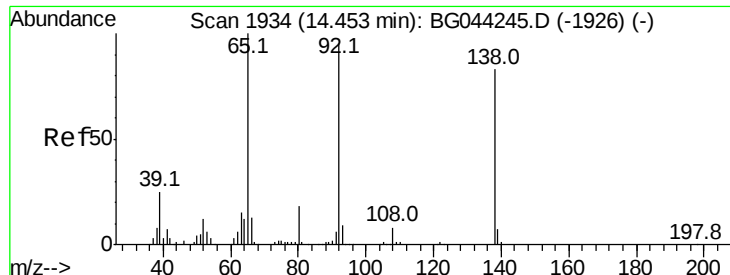


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

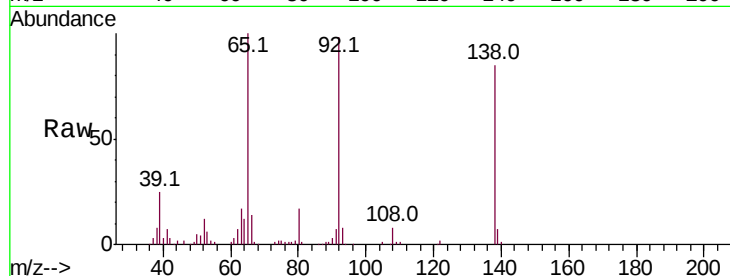




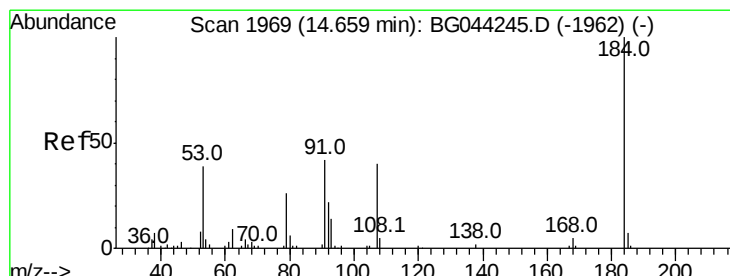
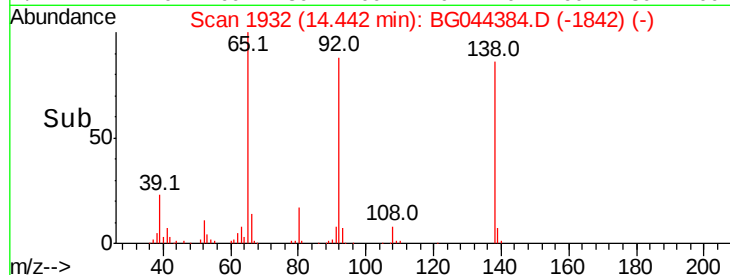
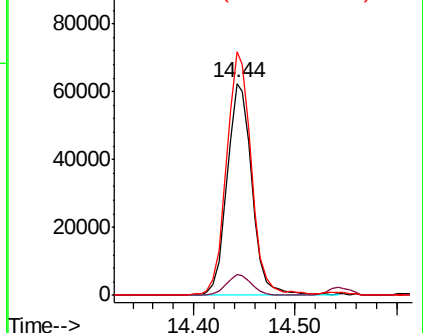
#53
3-Nitroaniline
Concen: 30.147 ng
RT: 14.44 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

Instrument :
BNA_G
ClientSampled :

Tot Ion:138 Resp: 105938
Ion Ratio Lower Upper
138 100
108 9.9 7.9 11.9
92 115.1 91.0 136.4

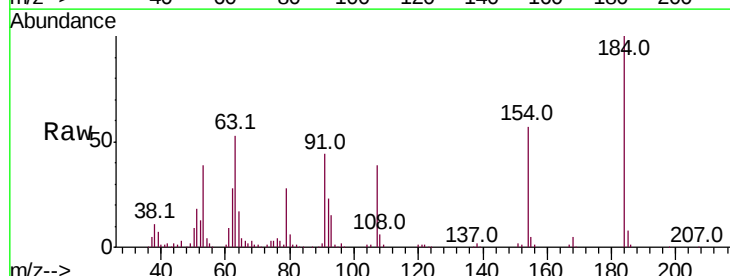


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

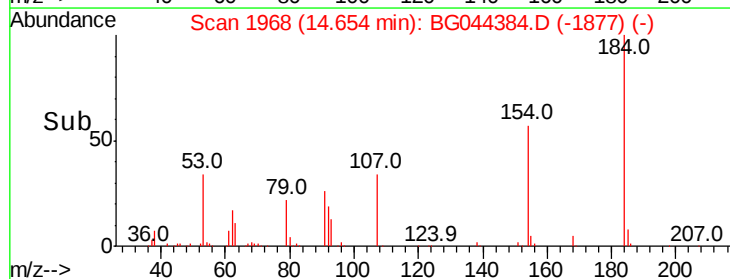
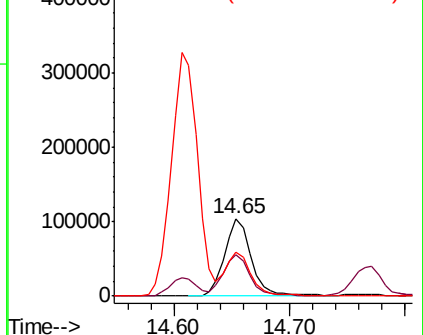


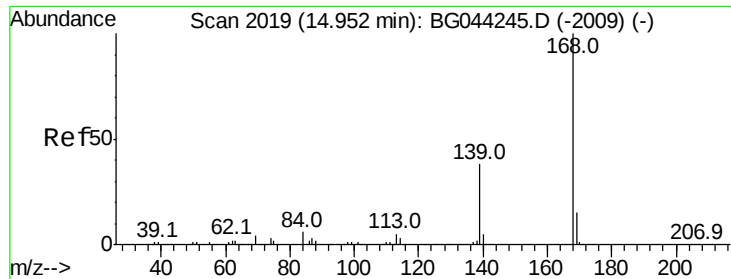
#54
2,4-Dinitrophenol
Concen: 88.286 ng
RT: 14.65 min Scan# 1968
Delta R.T. 0.00 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

Tgt Ion:184 Resp: 167801
Ion Ratio Lower Upper
184 100
63 53.5 44.1 66.1
154 56.6 45.4 68.0



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

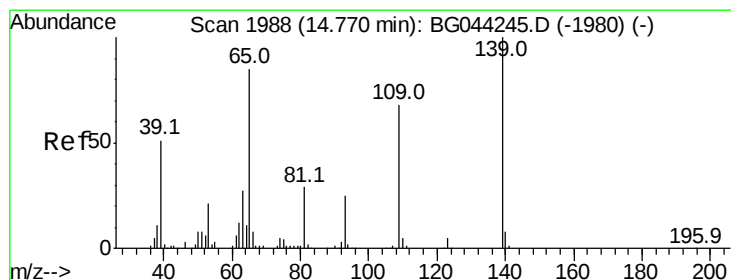
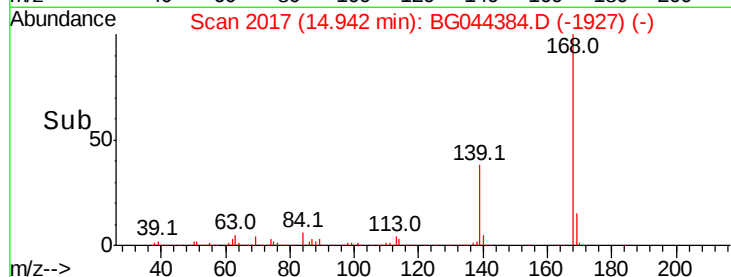
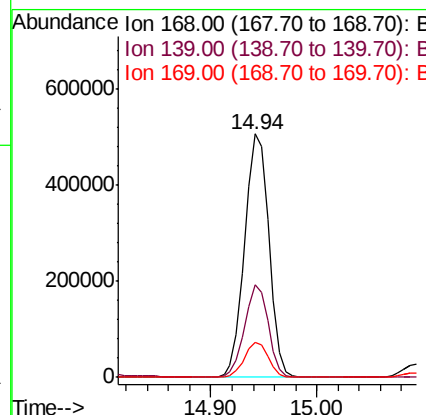
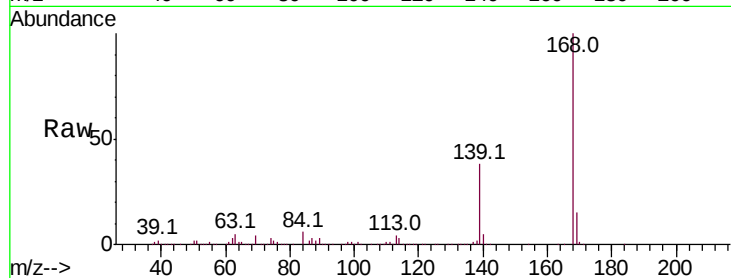




#55
Dibenzenofuran
Concen: 49.063 ng
RT: 14.94 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

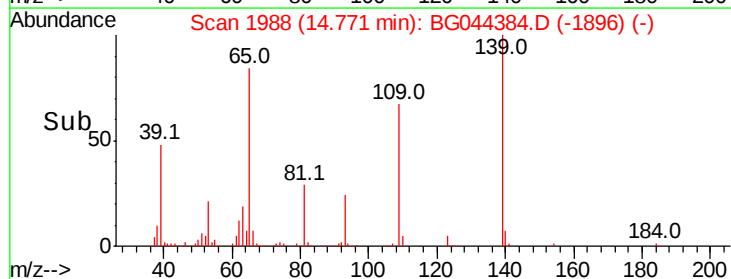
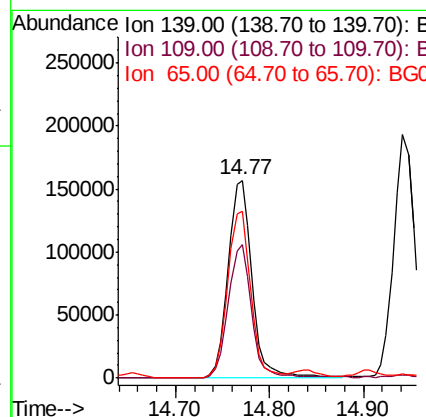
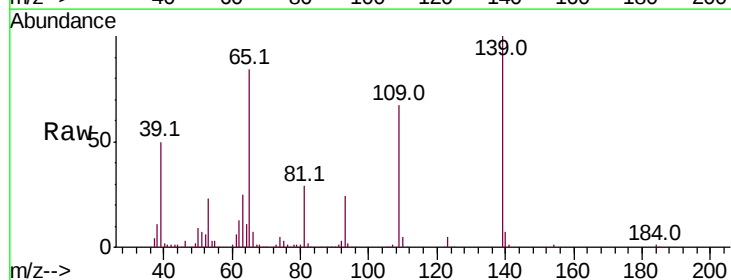
Instrument :
BNA_G
ClientSampleId :

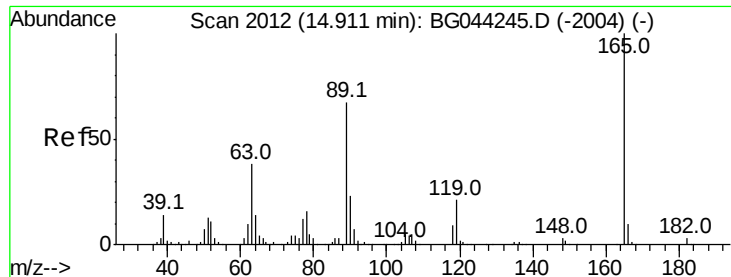
Tot Ion	Ratio	Lower	Upper
168	100		
139	38.2	30.5	45.7
169	14.6	11.7	17.5



#56
4-Nitrophenol
Concen: 108.730 ng
RT: 14.77 min Scan# 1988
Delta R.T. 0.01 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.3	47.5	87.5
65	84.1	64.9	104.9

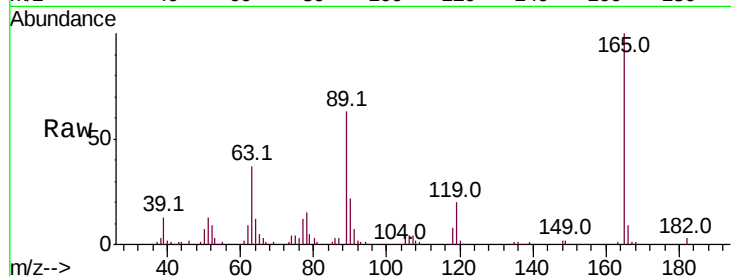




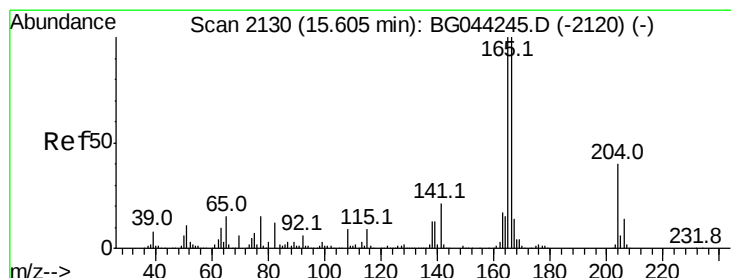
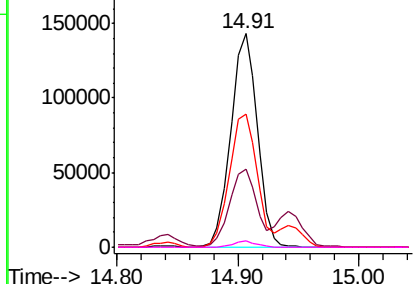
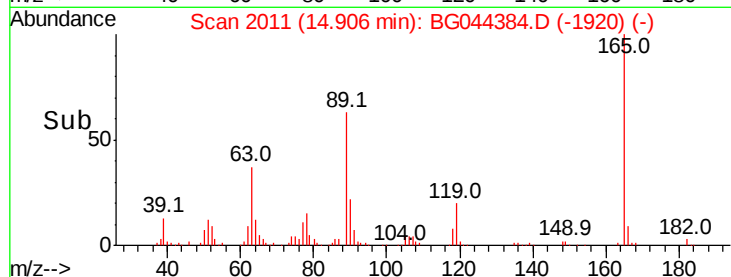
#57
 2,4-Dinitrotoluene
 Concen: 49.248 ng
 RT: 14.91 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: BG044384.D
 Acq: 11 Feb 2020 11:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	165	Resp:	219238
Ion	Ratio	Lower	Upper
165	100		
63	36.8	30.3	45.5
89	62.6	53.4	80.2
182	2.9	2.1	3.1

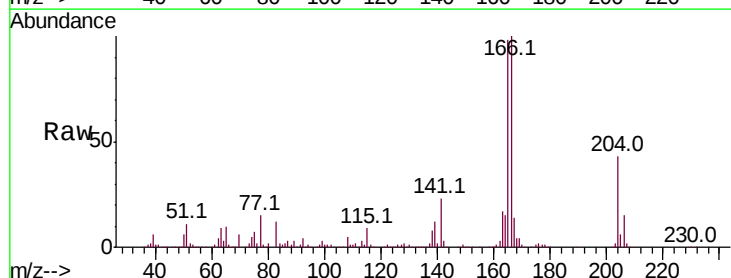


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

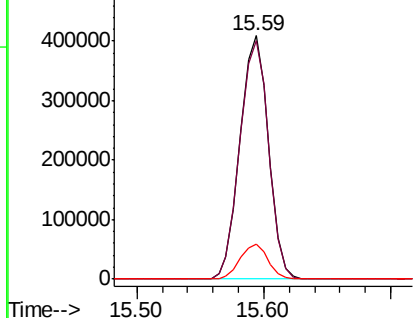
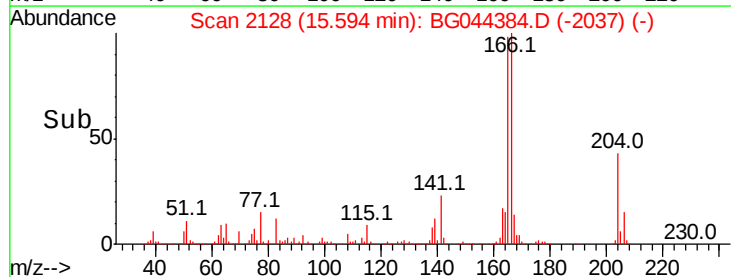


#58
 Fluorene
 Concen: 49.264 ng
 RT: 15.59 min Scan# 2128
 Delta R.T. 0.00 min
 Lab File: BG044384.D
 Acq: 11 Feb 2020 11:07

Tgt Ion:	166	Resp:	635289
Ion	Ratio	Lower	Upper
166	100		
165	98.1	79.9	119.9
167	14.4	11.4	17.0



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





#59

2,3,4,6-Tetrachlorophenol

Concen: 52.675 ng

RT: 15.18 min Scan# 2057

Delta R.T. 0.00 min

Lab File: BG044384.D

Acq: 11 Feb 2020 11:07

Instrument :

BNA_G

ClientSampleId :

Tot Ion:232 Resp: 186212

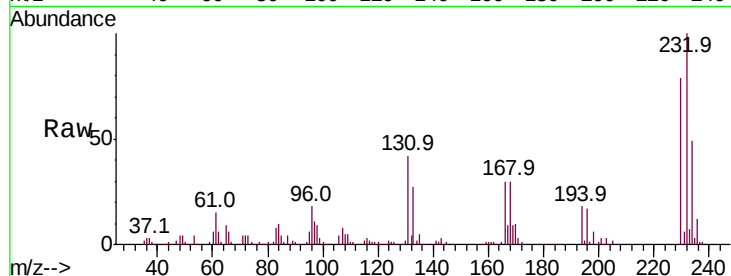
Ion Ratio Lower Upper

232 100

131 40.9 34.2 51.4

130 2.3 1.8 2.8

166 29.3 23.8 35.8

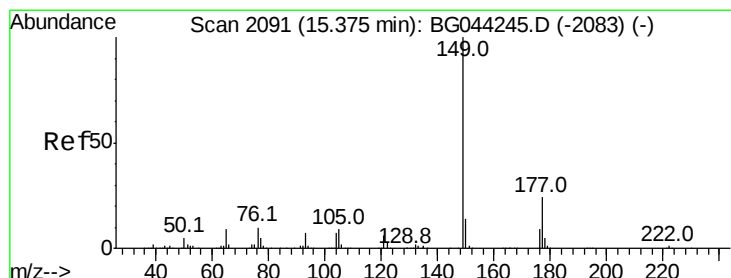
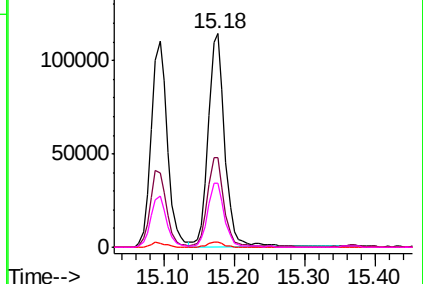
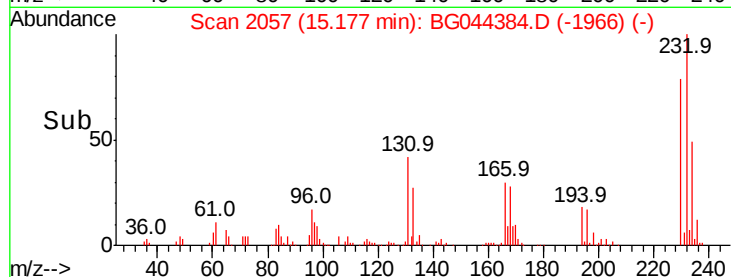


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 47.821 ng

RT: 15.36 min Scan# 2089

Delta R.T. -0.00 min

Lab File: BG044384.D

Acq: 11 Feb 2020 11:07

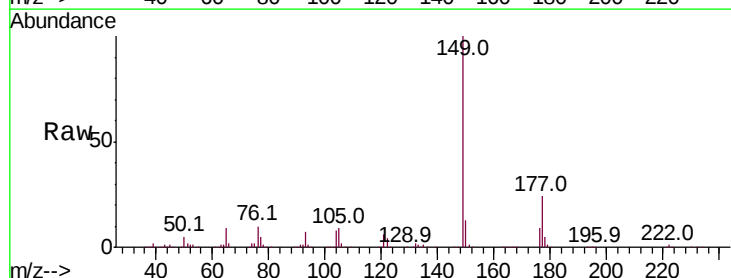
Tgt Ion:149 Resp: 678793

Ion Ratio Lower Upper

149 100

177 23.7 19.4 29.0

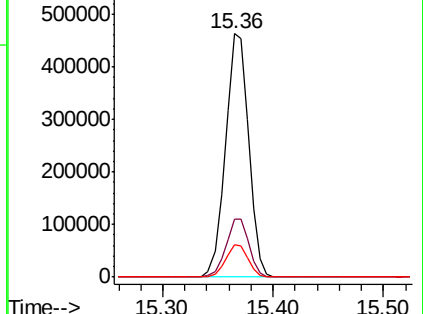
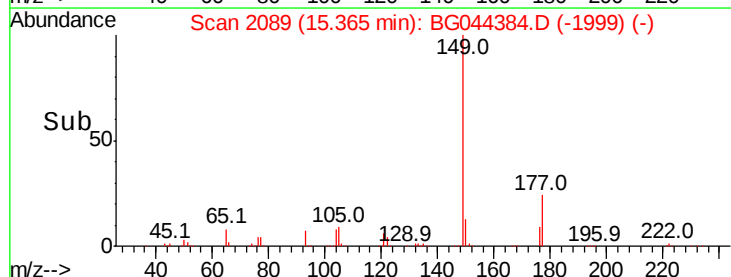
150 13.2 10.9 16.3

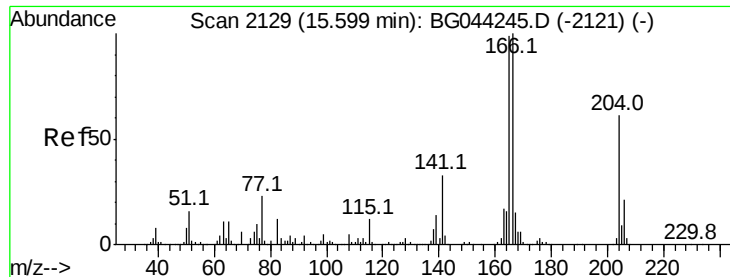


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

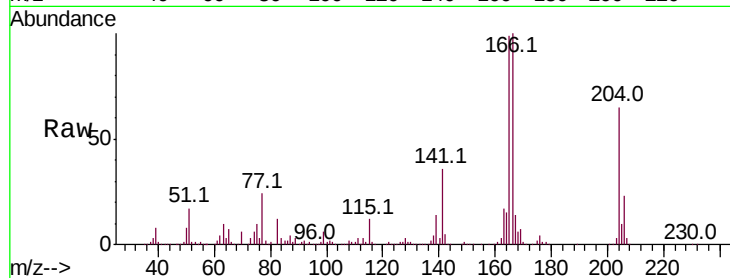




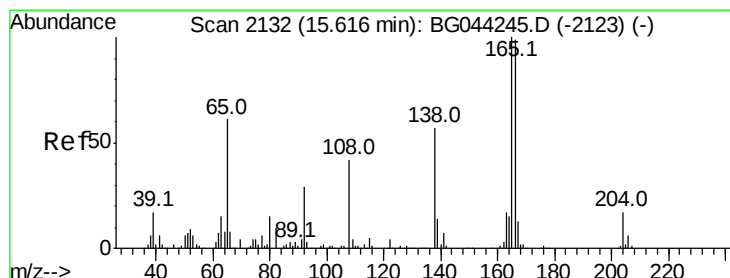
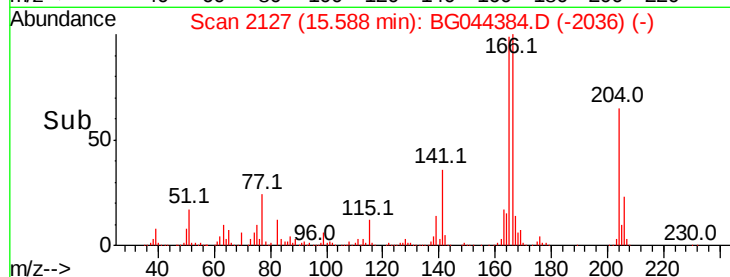
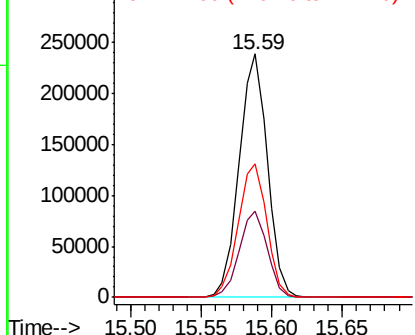
#61
4-Chlorophenyl-phenylether
Concen: 47.758 ng
RT: 15.59 min Scan# 2127
Delta R.T. 0.00 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 333929
Ion Ratio Lower Upper
204 100
206 35.4 27.6 41.4
141 54.8 43.4 65.0

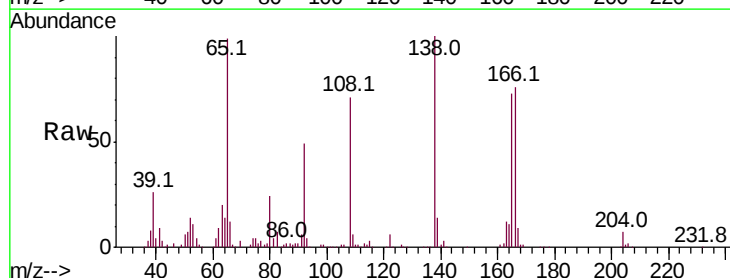


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

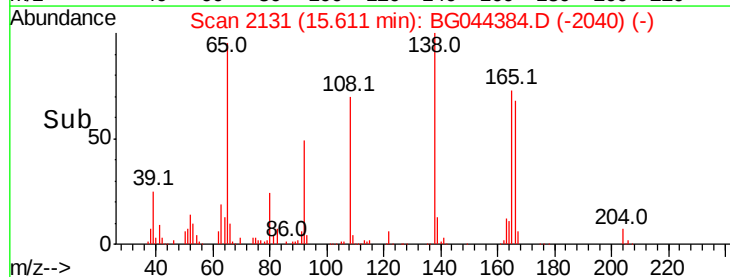
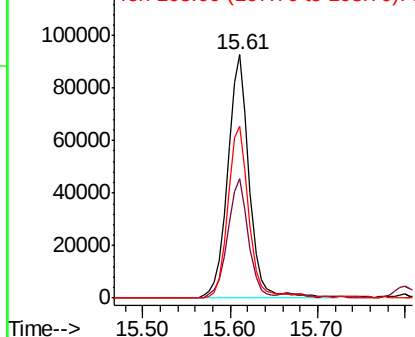


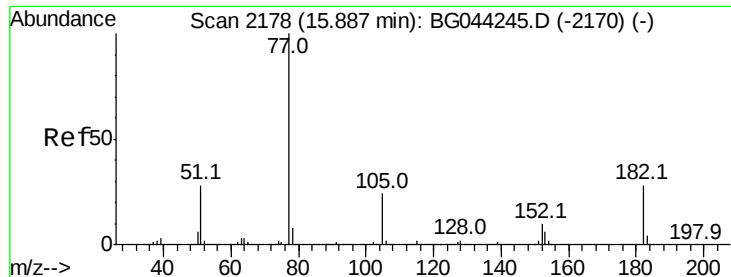
#62
4-Nitroaniline
Concen: 44.451 ng
RT: 15.61 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

Tgt Ion:138 Resp: 156080
Ion Ratio Lower Upper
138 100
92 49.0 31.3 71.3
108 70.7 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

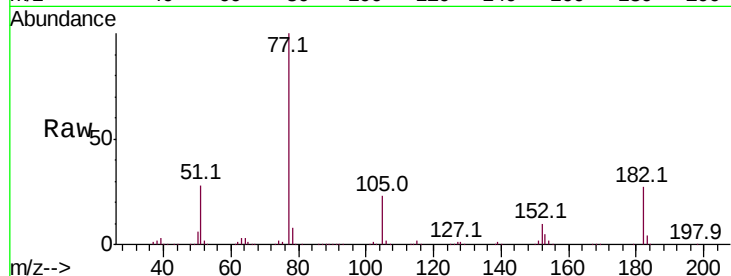




#63
Azobenzene
Concen: 49.210 ng
RT: 15.88 min Scan# 2176
Delta R.T. -0.00 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.9	8.2	48.2
105	23.1	3.6	43.6
51	27.7	8.3	48.3



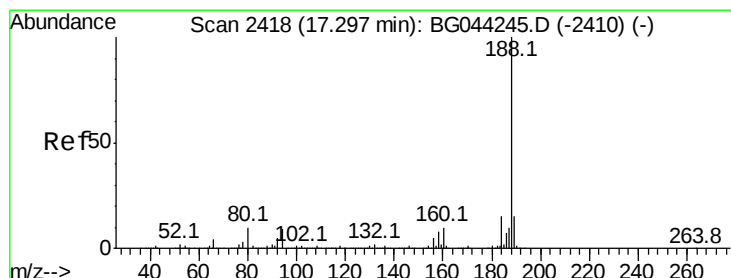
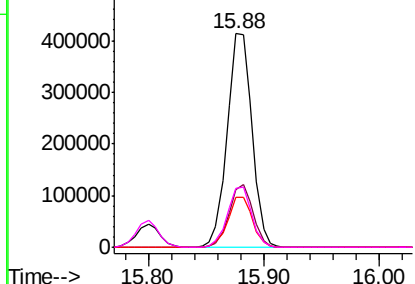
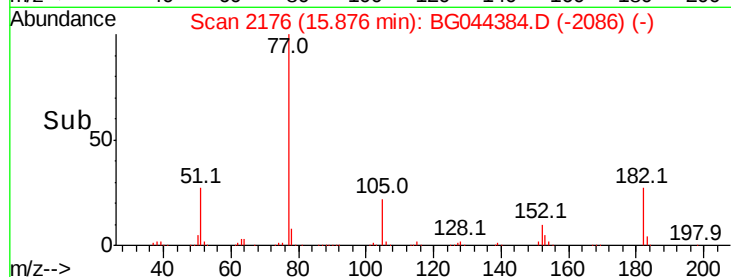
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

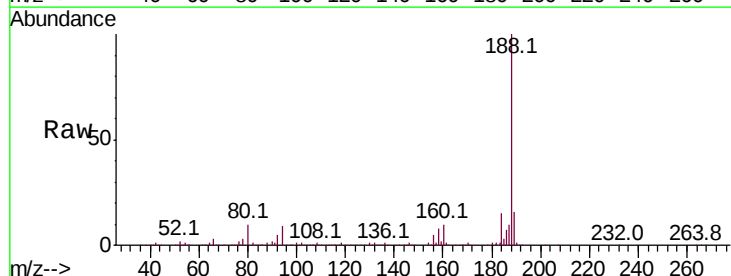
Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.29 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.4	11.2
80	10.4	7.7	11.5

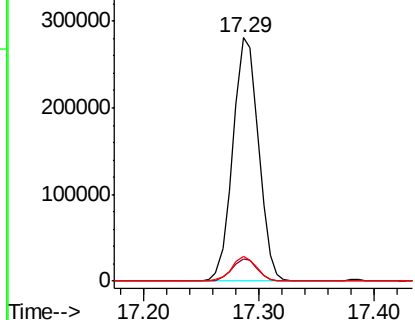
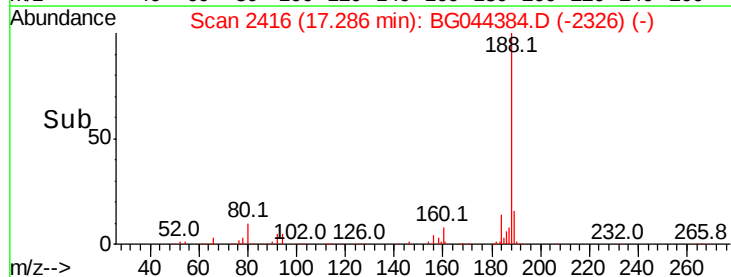


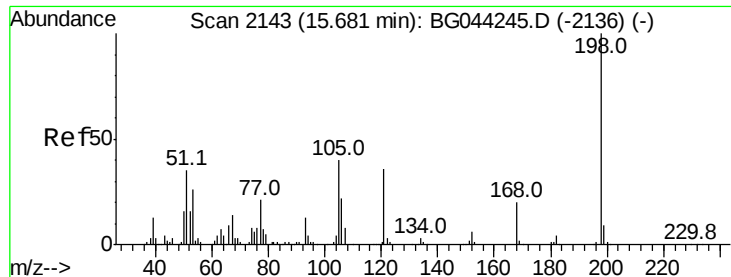
Abundance

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

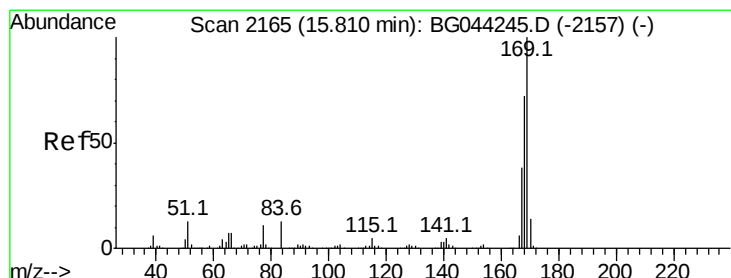
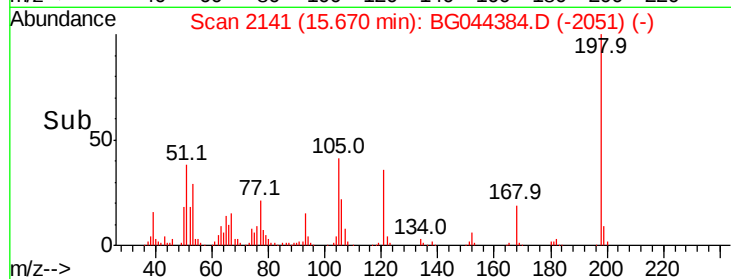
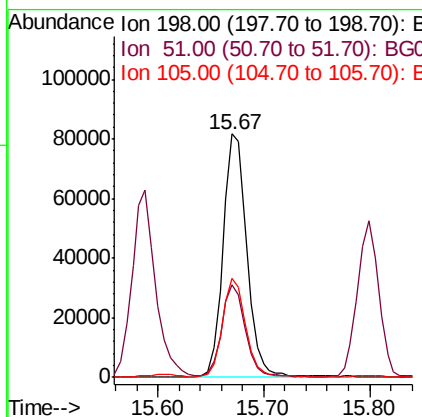
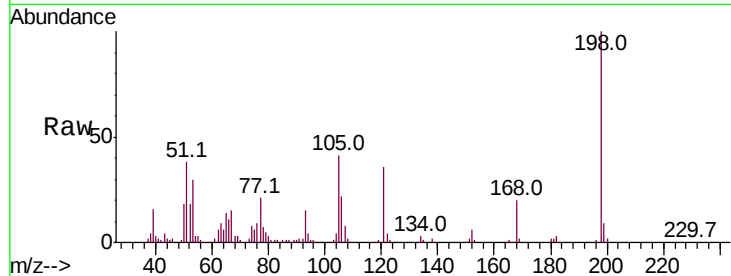




#65
 4,6-Dinitro-2-methylphenol
 Concen: 53.633 ng
 RT: 15.67 min Scan# 2141
 Delta R.T. -0.00 min
 Lab File: BG044384.D
 Acq: 11 Feb 2020 11:07

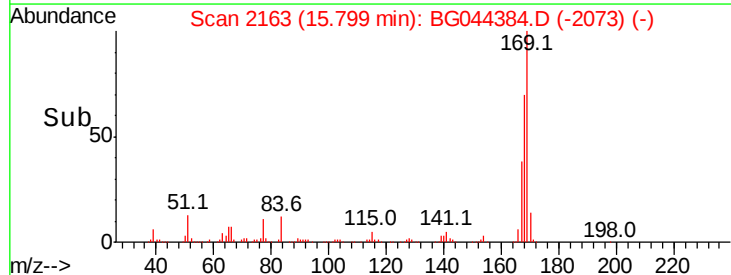
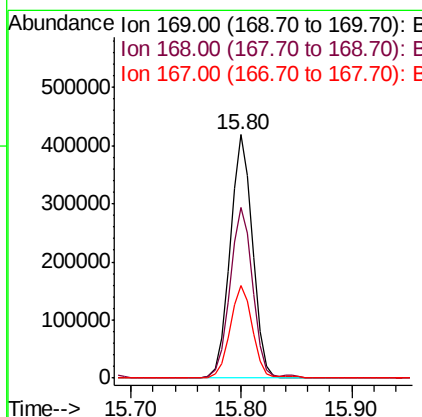
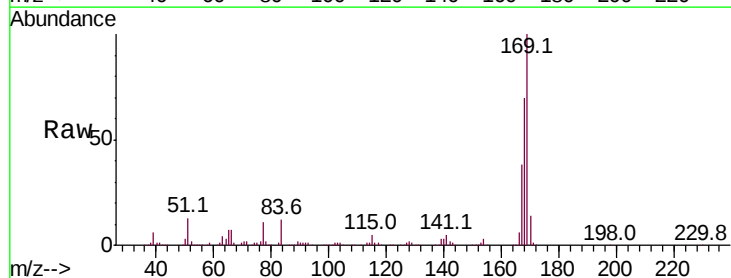
Instrument :
 BNA_G
 ClientSampleId :

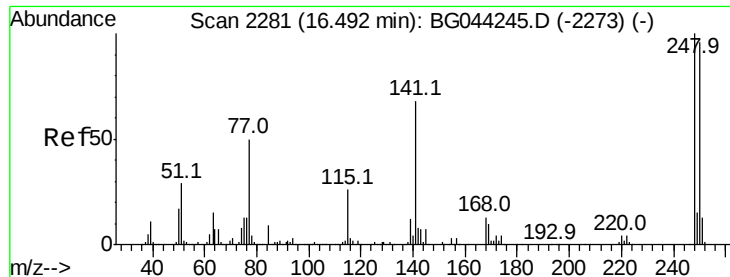
Tot Ion	Ratio	Lower	Upper
198	100		
51	37.9	16.6	56.6
105	40.6	20.6	60.6



#66
 n-Nitrosodiphenylamine
 Concen: 49.122 ng
 RT: 15.80 min Scan# 2163
 Delta R.T. -0.00 min
 Lab File: BG044384.D
 Acq: 11 Feb 2020 11:07

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.0	57.9	86.9
167	38.0	30.7	46.1

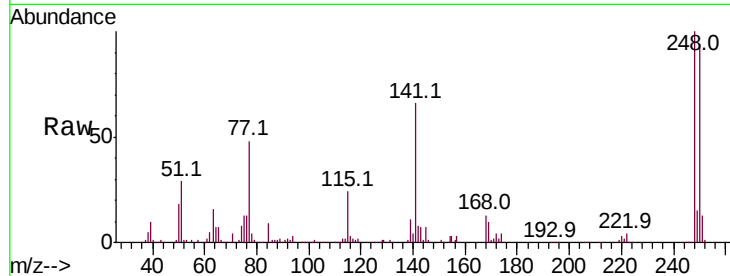




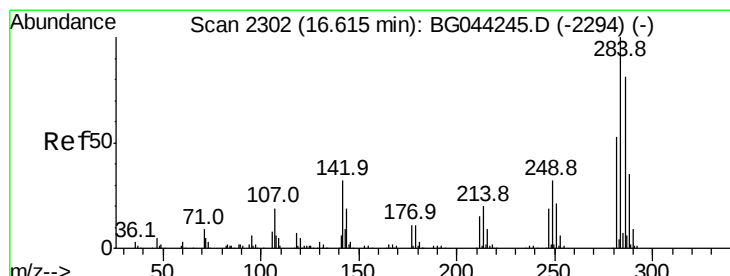
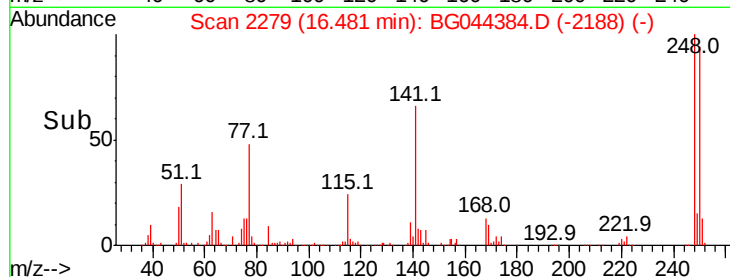
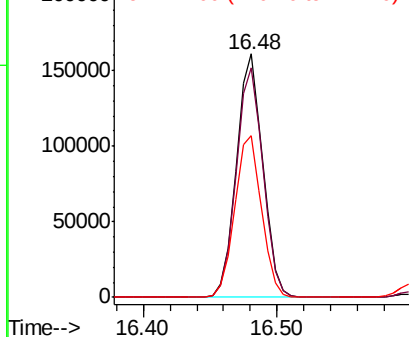
#67
 4-Bromophenyl-phenylether
 Concen: 46.822 ng
 RT: 16.48 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BG044384.D
 Acq: 11 Feb 2020 11:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 220609
 Ion Ratio Lower Upper
 248 100
 250 94.2 76.6 114.8
 141 66.3 54.7 82.1

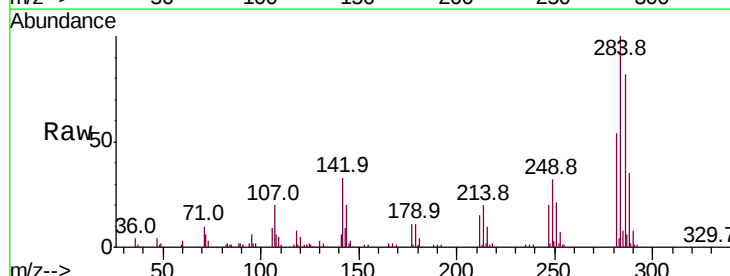


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

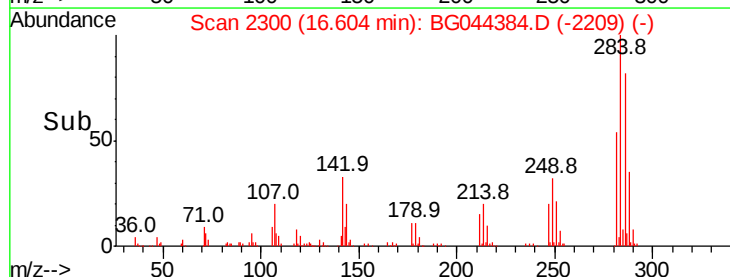
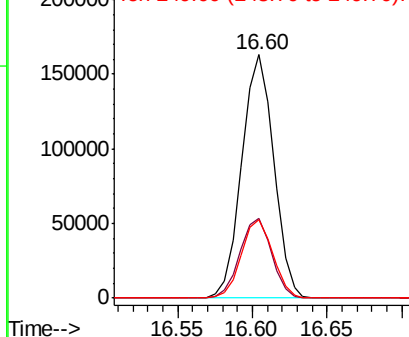


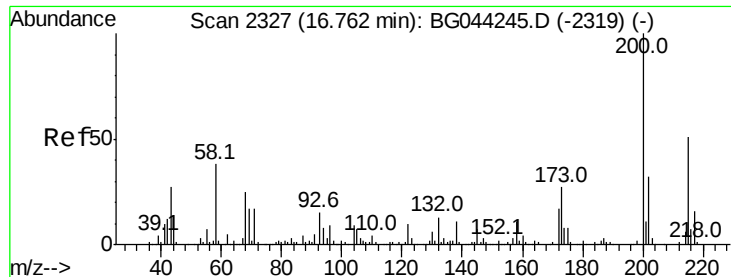
#68
 Hexachlorobenzene
 Concen: 45.735 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: BG044384.D
 Acq: 11 Feb 2020 11:07

Tgt Ion:284 Resp: 241421
 Ion Ratio Lower Upper
 284 100
 142 32.9 25.3 37.9
 249 32.0 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: 54.641 ng

RT: 16.75 min Scan# 2325

Delta R.T. -0.00 min

Lab File: BG044384.D

Acq: 11 Feb 2020 11:07

Instrument :

BNA_G

ClientSampleId :

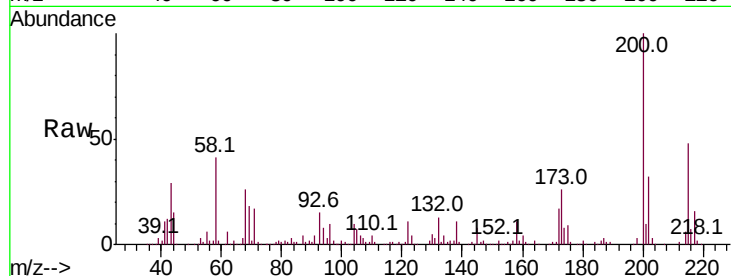
Tot Ion:200 Resp: 226980

Ion Ratio Lower Upper

200 100

173 26.3 6.6 46.6

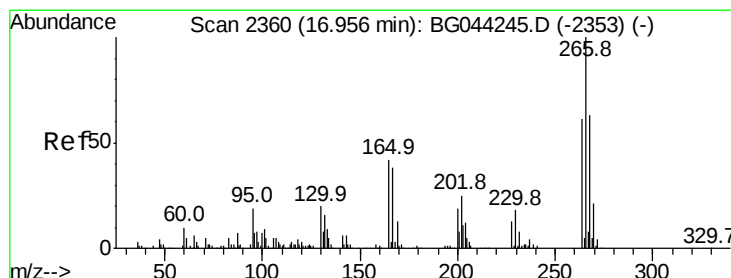
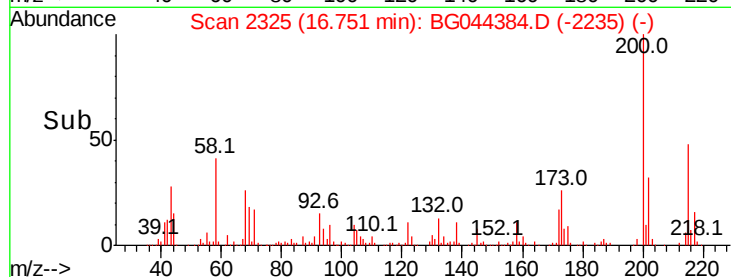
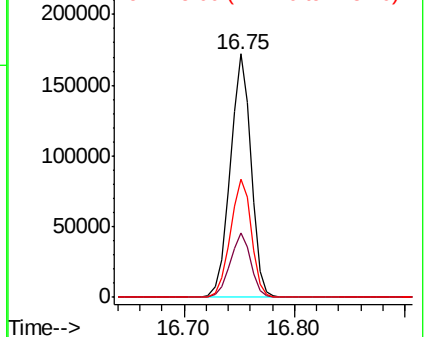
215 48.3 31.0 71.0



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: 96.975 ng

RT: 16.95 min Scan# 2358

Delta R.T. -0.00 min

Lab File: BG044384.D

Acq: 11 Feb 2020 11:07

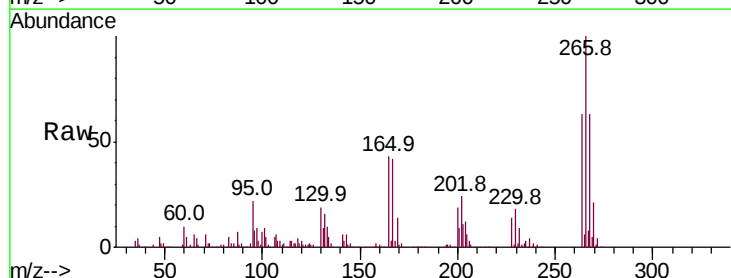
Tgt Ion:266 Resp: 260710

Ion Ratio Lower Upper

266 100

268 63.5 50.6 75.8

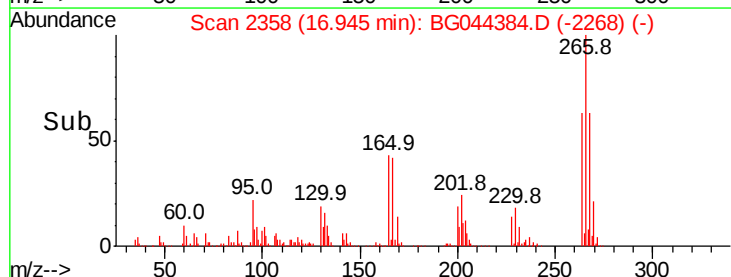
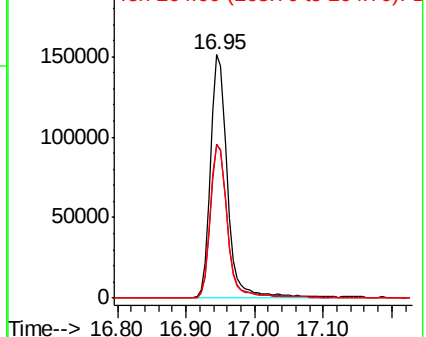
264 62.9 48.7 73.1

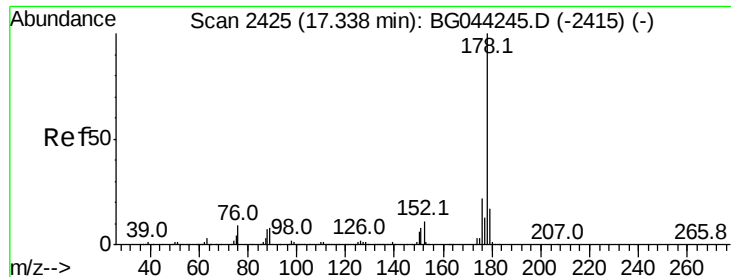


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

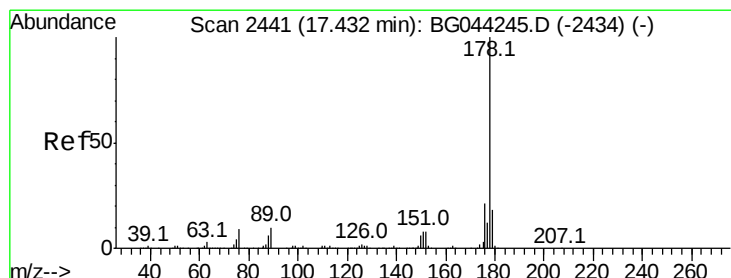
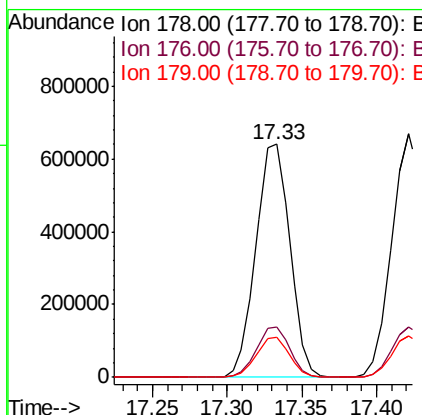
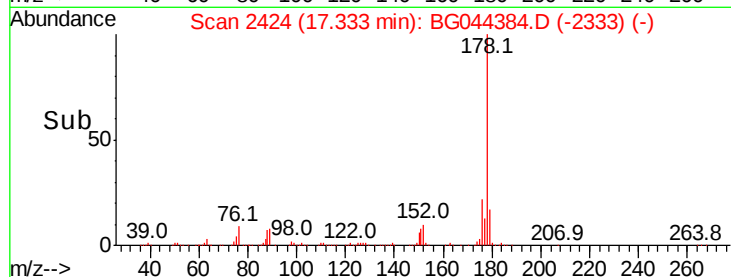
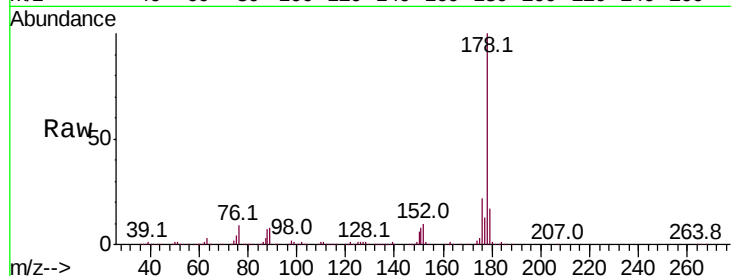




#71
Phenanthrene
Concen: 48.341 ng
RT: 17.33 min Scan# 2424
Delta R.T. 0.00 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

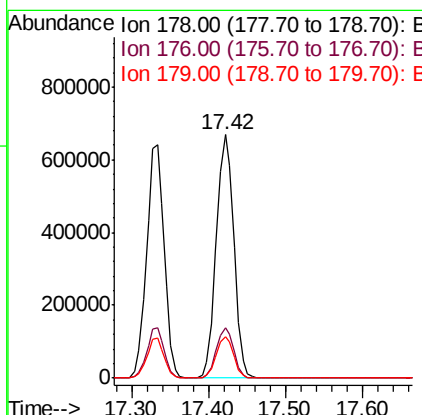
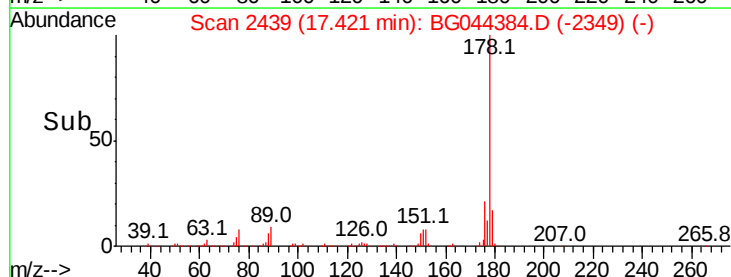
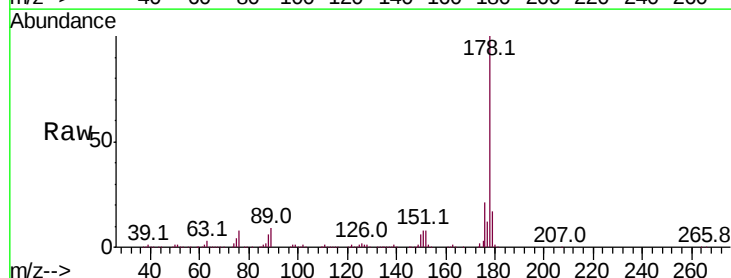
Instrument :
BNA_G
ClientSampleId :

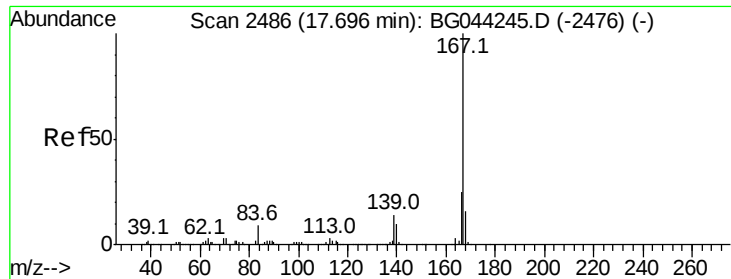
Tot Ion:178 Resp: 1012334
Ion Ratio Lower Upper
178 100
176 21.7 17.7 26.5
179 17.1 13.7 20.5



#72
Anthracene
Concen: 50.504 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

Tgt Ion:178 Resp: 1045637
Ion Ratio Lower Upper
178 100
176 20.8 17.0 25.4
179 17.2 14.4 21.6





#73

Carbazole

Concen: 49.719 ng

RT: 17.69 min Scan# 2485

Delta R.T. 0.00 min

Lab File: BG044384.D

Acq: 11 Feb 2020 11:07

Instrument :

BNA_G

ClientSampleId :

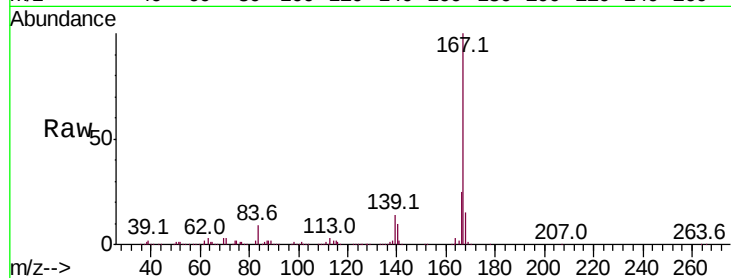
Tot Ion:167 Resp: 948973

Ion Ratio Lower Upper

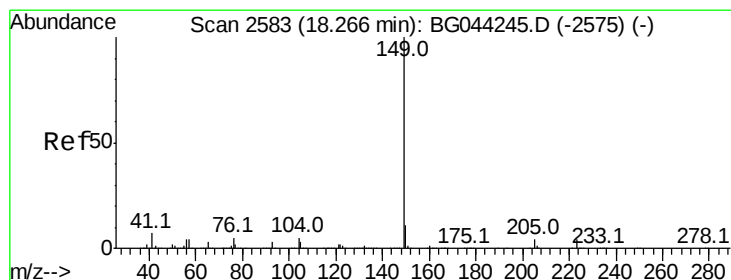
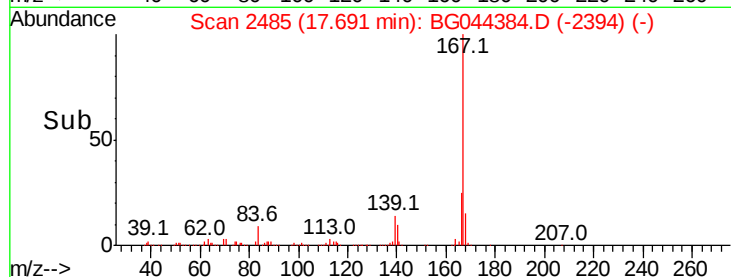
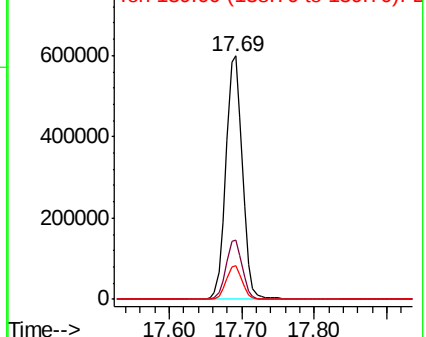
167 100

166 24.6 19.8 29.6

139 13.6 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: 49.407 ng

RT: 18.26 min Scan# 2581

Delta R.T. -0.00 min

Lab File: BG044384.D

Acq: 11 Feb 2020 11:07

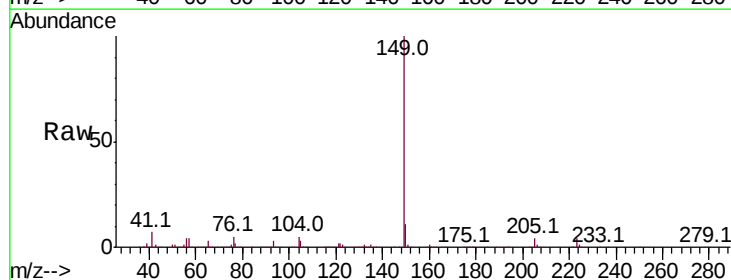
Tgt Ion:149 Resp: 1165336

Ion Ratio Lower Upper

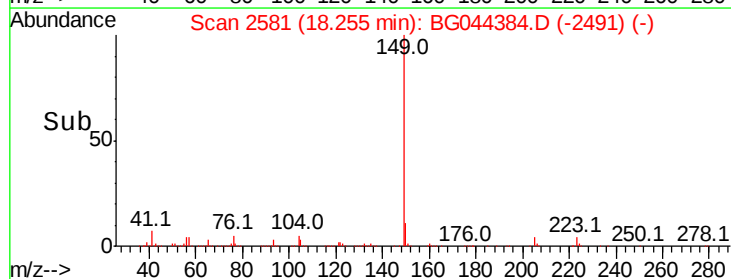
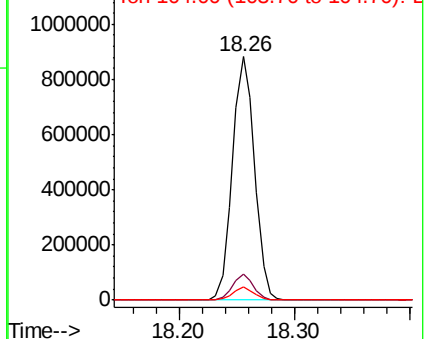
149 100

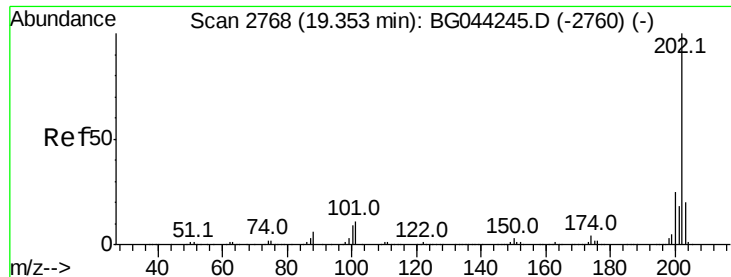
150 10.7 8.7 13.1

104 5.5 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: 50.051 ng

RT: 19.34 min Scan# 2766

Delta R.T. 0.00 min

Lab File: BG044384.D

Acq: 11 Feb 2020 11:07

Instrument :

BNA_G

ClientSampleId :

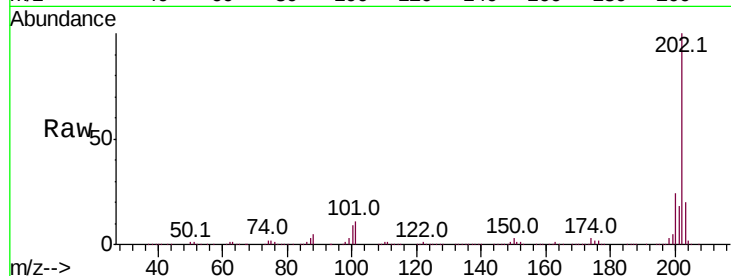
Tot Ion:202 Resp: 1212514

Ion Ratio Lower Upper

202 100

101 11.4 0.0 31.3

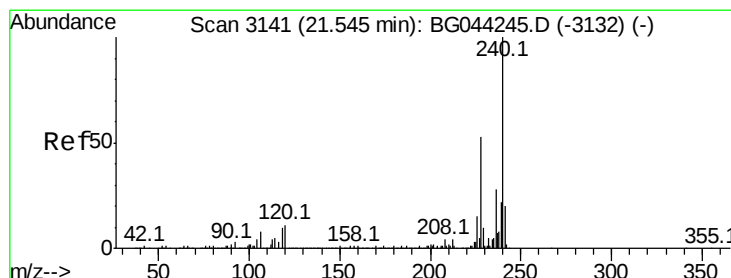
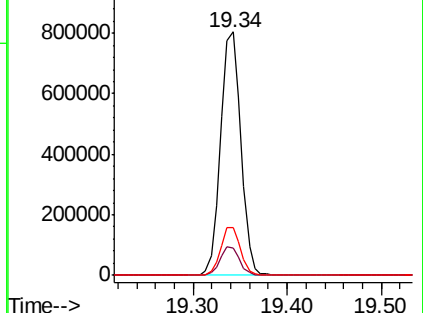
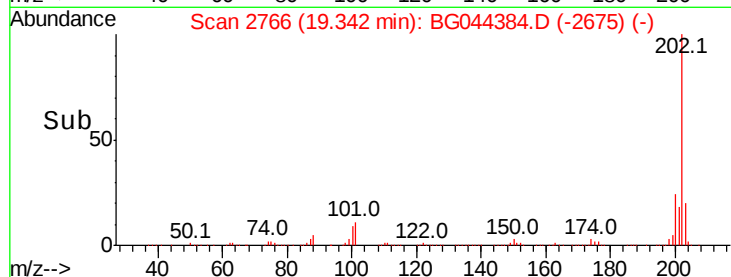
203 19.6 0.0 39.9



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: 21.53 min Scan# 3139

Delta R.T. -0.00 min

Lab File: BG044384.D

Acq: 11 Feb 2020 11:07

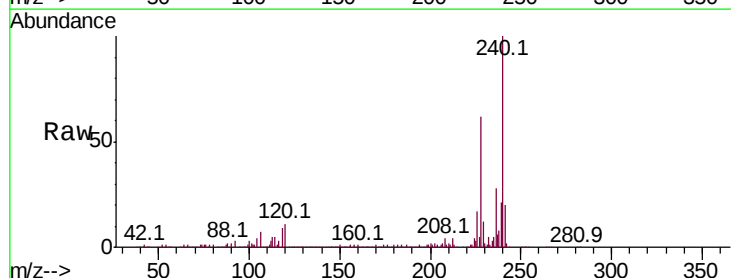
Tgt Ion:240 Resp: 384282

Ion Ratio Lower Upper

240 100

120 11.0 8.4 12.6

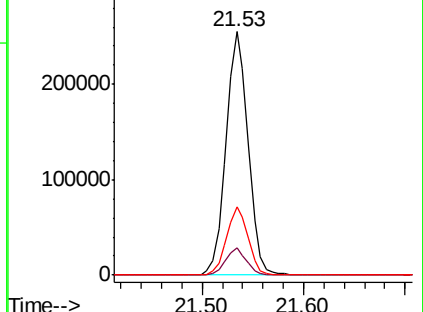
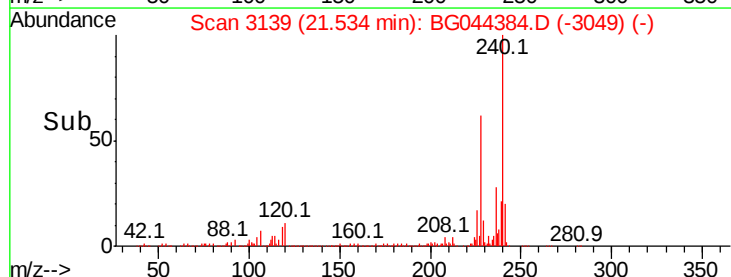
236 28.3 22.1 33.1

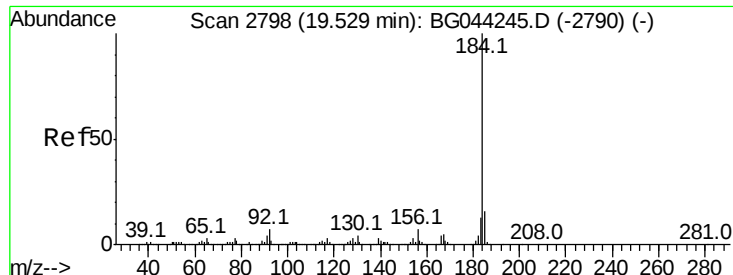


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 55.751 ng

RT: 19.52 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BG044384.D

Acq: 11 Feb 2020 11:07

Instrument :

BNA_G

ClientSampleId :

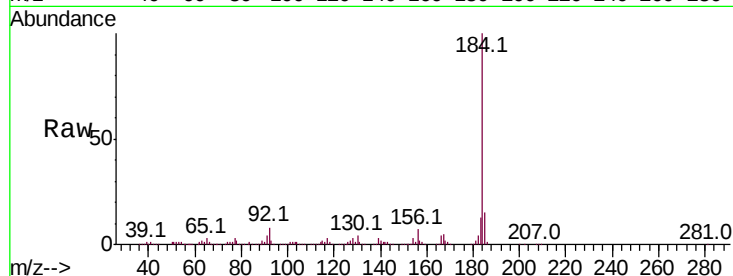
Tot Ion:184 Resp: 594256

Ion Ratio Lower Upper

184 100

185 15.4 12.9 19.3

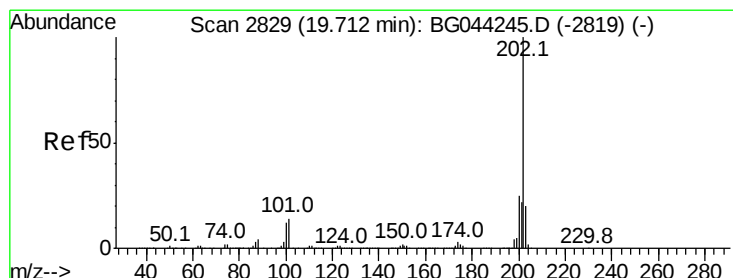
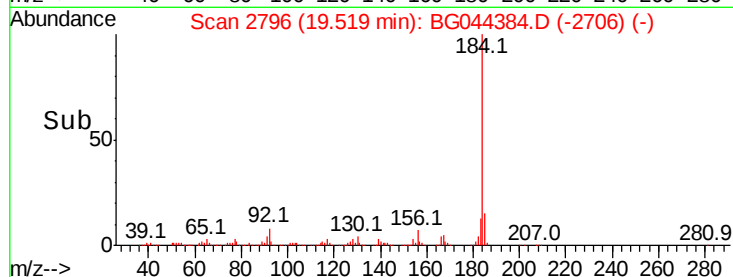
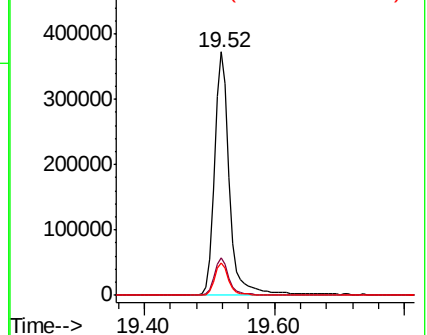
183 13.2 10.8 16.2



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: 49.057 ng

RT: 19.70 min Scan# 2827

Delta R.T. -0.00 min

Lab File: BG044384.D

Acq: 11 Feb 2020 11:07

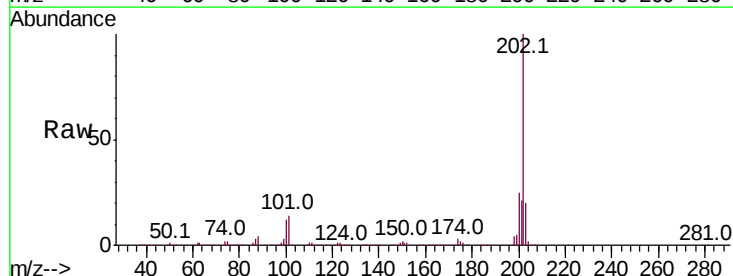
Tgt Ion:202 Resp: 1210656

Ion Ratio Lower Upper

202 100

200 24.8 20.0 30.0

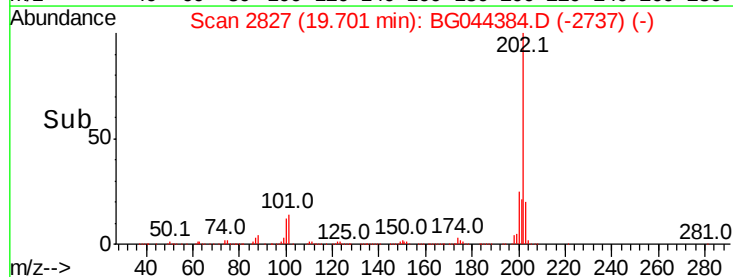
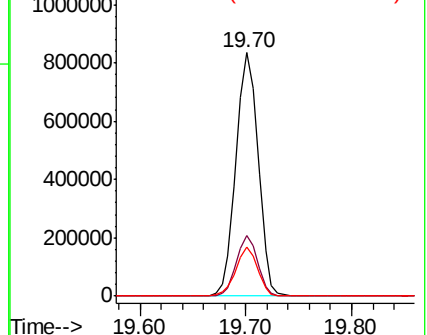
203 20.0 16.2 24.2

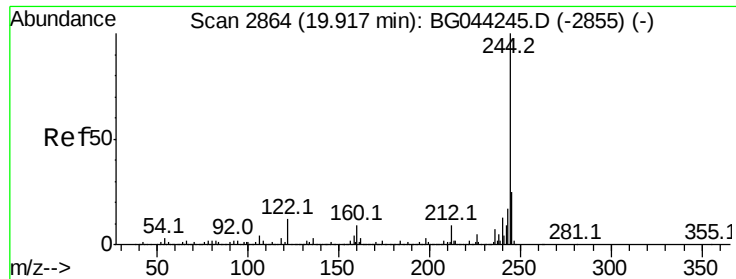


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.697 ng

RT: 19.91 min Scan# 2862

Delta R.T. 0.00 min

Lab File: BG044384.D

Acq: 11 Feb 2020 11:07

Instrument :

BNA_G

ClientSampled :

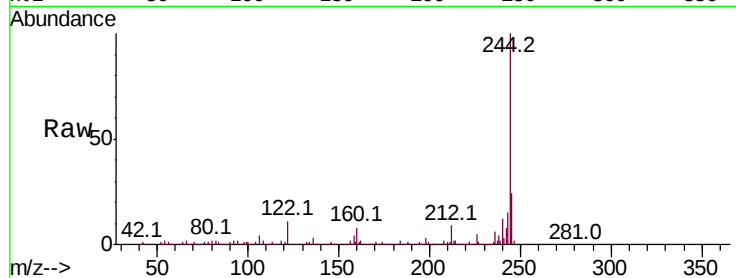
Tot Ion:244 Resp: 1526337

Ion Ratio Lower Upper

244 100

212 8.6 7.4 11.2

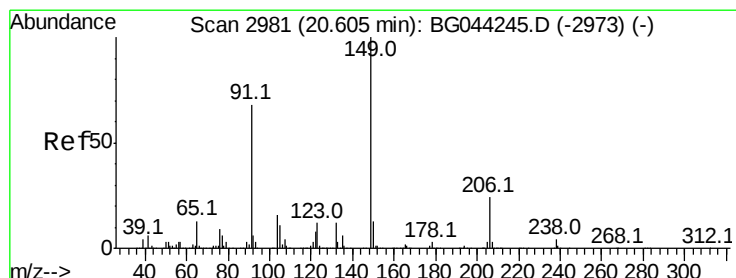
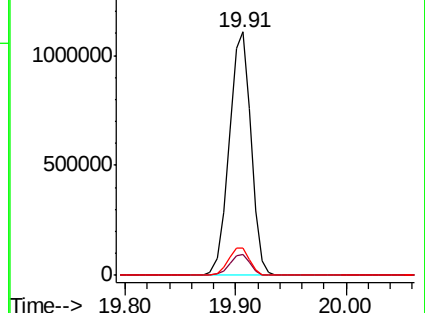
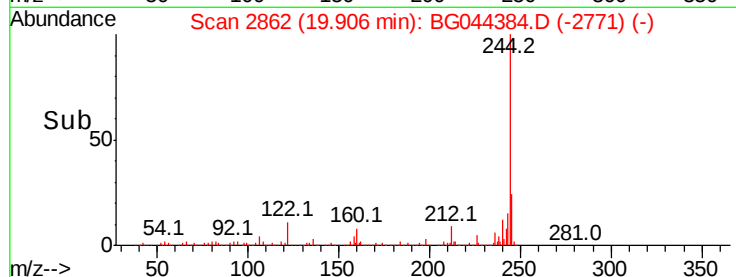
122 11.3 9.8 14.6



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: 47.521 ng

RT: 20.59 min Scan# 2979

Delta R.T. -0.00 min

Lab File: BG044384.D

Acq: 11 Feb 2020 11:07

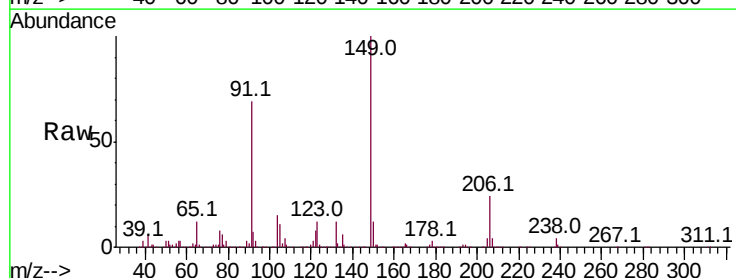
Tgt Ion:149 Resp: 534440

Ion Ratio Lower Upper

149 100

91 68.9 54.5 81.7

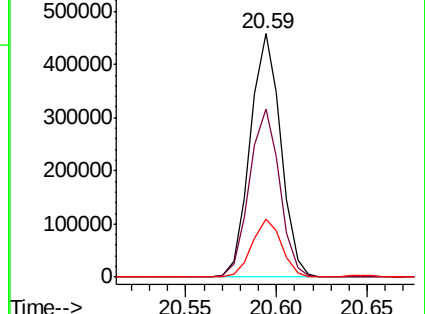
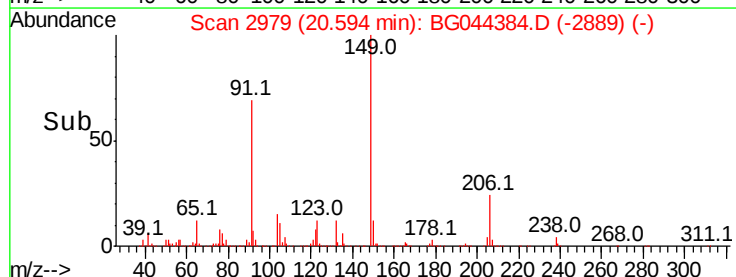
206 23.9 19.1 28.7

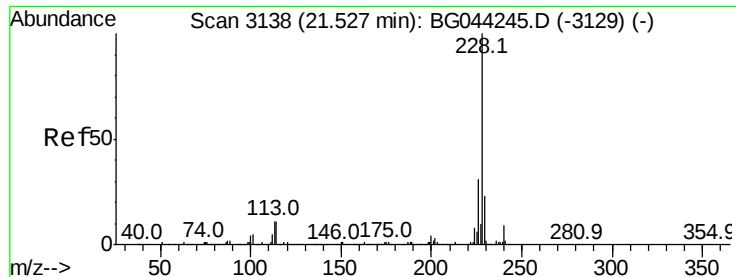


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

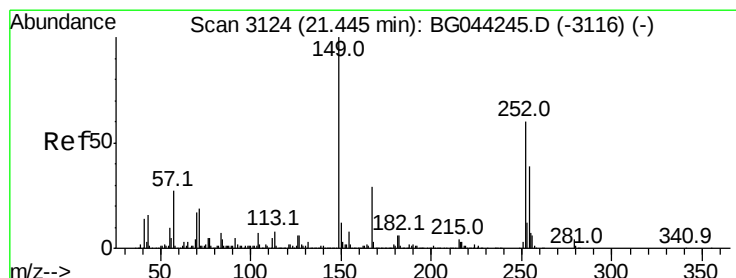
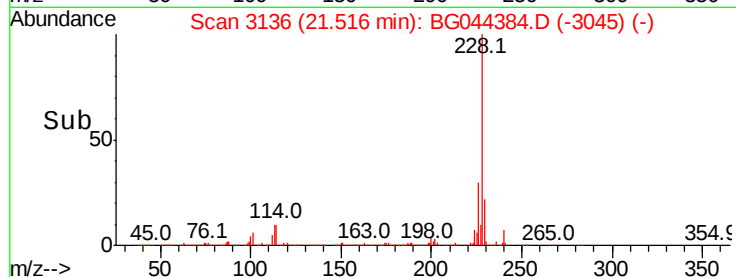
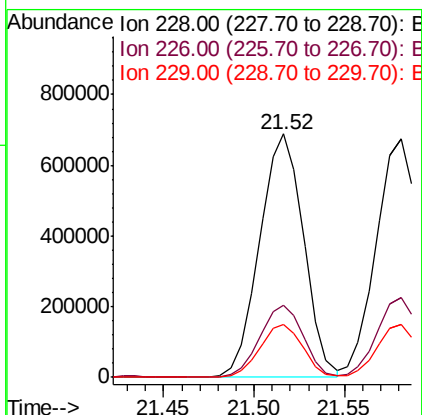
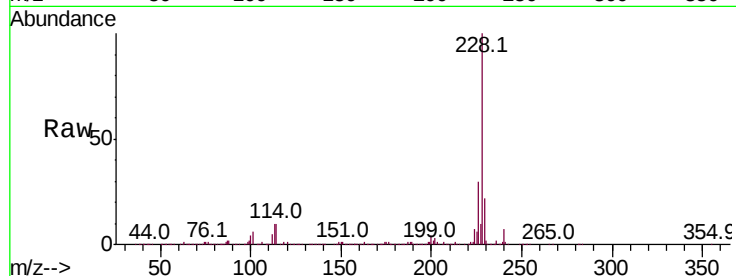




#81
Benzo(a)anthracene
Concen: 49.211 ng
RT: 21.52 min Scan# 3136
Delta R.T. 0.00 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

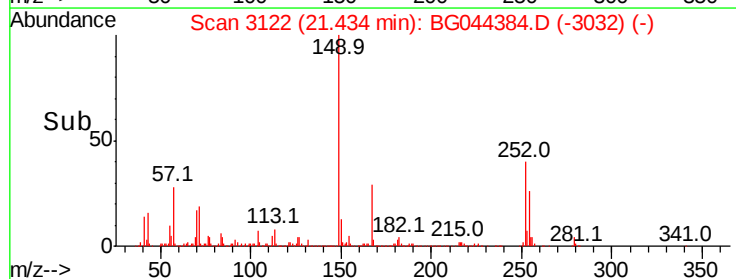
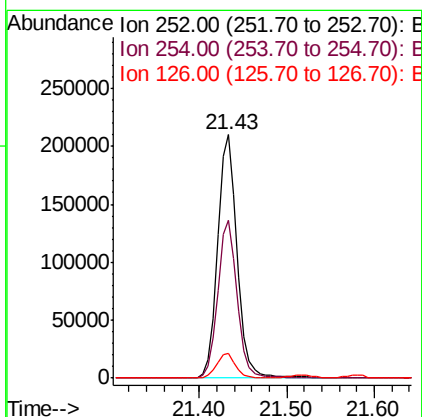
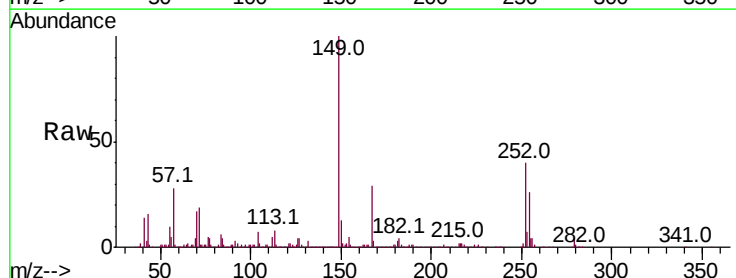
Instrument :
BNA_G
ClientSampleId :

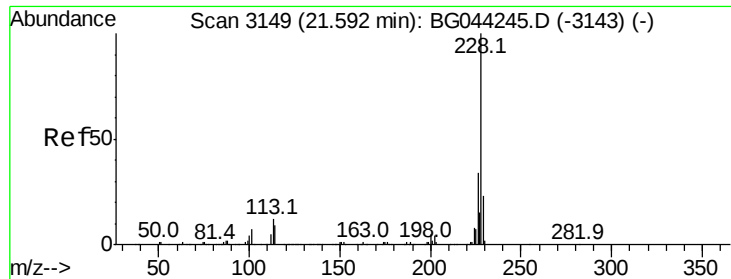
Tot Ion:228 Resp: 1165502
Ion Ratio Lower Upper
228 100
226 29.8 24.7 37.1
229 21.8 18.2 27.4



#82
3,3'-Dichlorobenzidine
Concen: 35.340 ng
RT: 21.43 min Scan# 3122
Delta R.T. -0.00 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

Tgt Ion:252 Resp: 324838
Ion Ratio Lower Upper
252 100
254 65.0 52.6 78.8
126 10.0 8.2 12.4

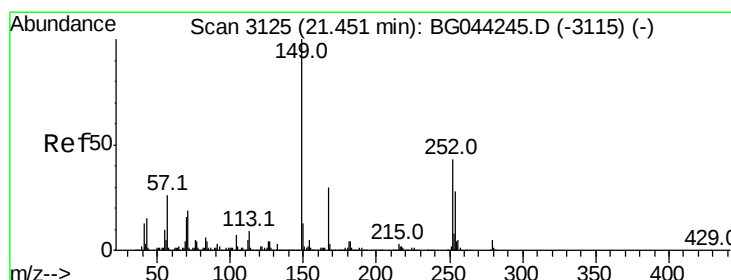
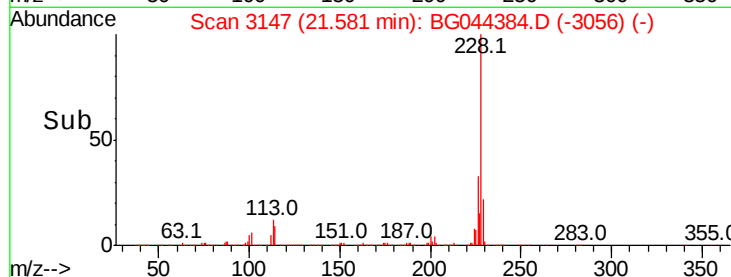
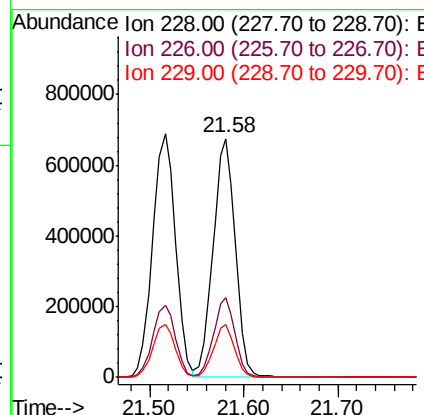
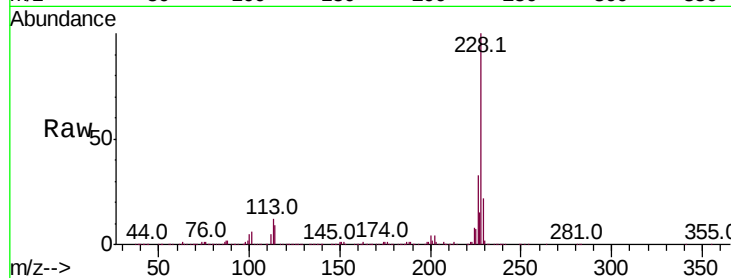




#83
 Chrvsene
 Concen: 48.922 ng
 RT: 21.58 min Scan# 3147
 Delta R.T. 0.00 min
 Lab File: BG044384.D
 Acq: 11 Feb 2020 11:07

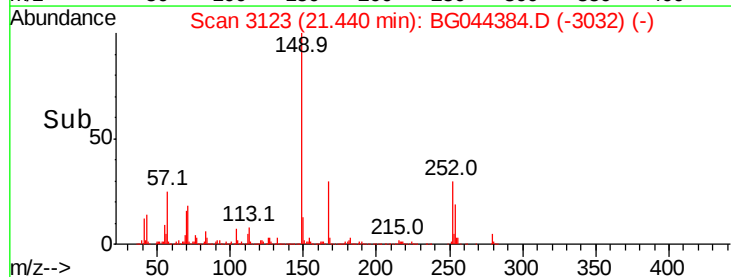
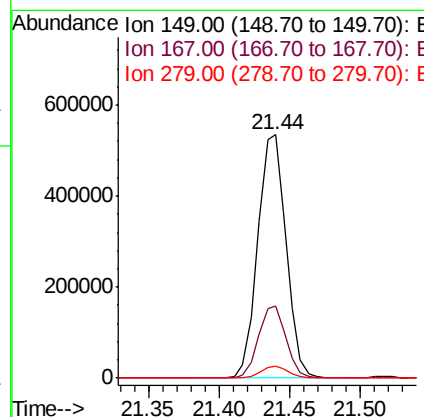
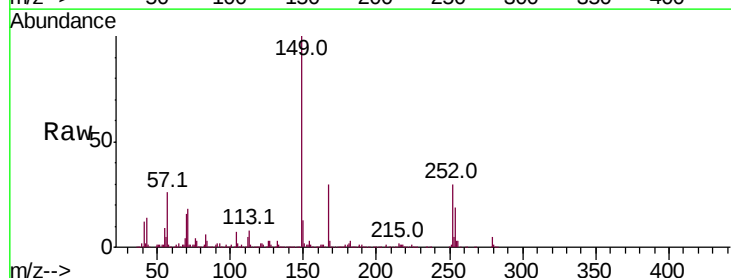
Instrument :
 BNA_G
 ClientSampled :

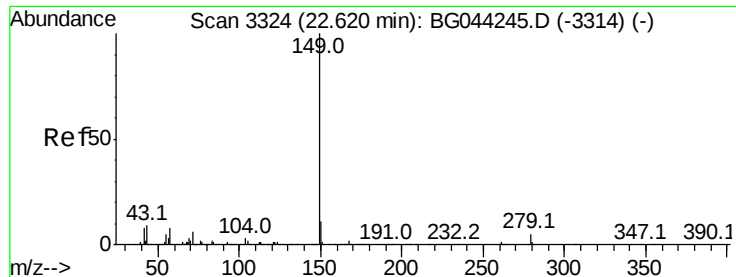
Tot Ion:228 Resp: 1119949
 Ion Ratio Lower Upper
 228 100
 226 33.3 27.1 40.7
 229 22.2 17.9 26.9



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.857 ng
 RT: 21.44 min Scan# 3123
 Delta R.T. 0.00 min
 Lab File: BG044384.D
 Acq: 11 Feb 2020 11:07

Tgt Ion:149 Resp: 756286
 Ion Ratio Lower Upper
 149 100
 167 29.8 24.0 36.0
 279 4.9 3.8 5.8





#85

Di-n-octyl phthalate

Concen: 49.326 ng

RT: 22.60 min Scan# 3321

Delta R.T. -0.00 min

Lab File: BG044384.D

Acq: 11 Feb 2020 11:07

Instrument :

BNA_G

ClientSampleId :

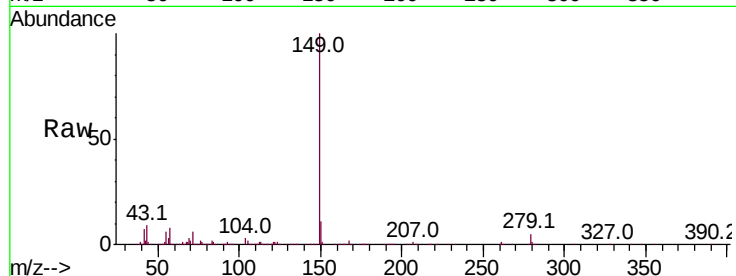
Tot Ion:149 Resp: 1321129

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

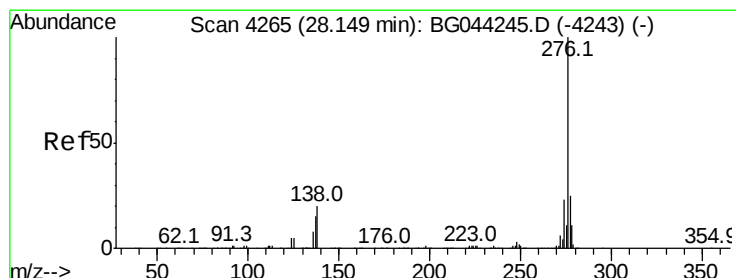
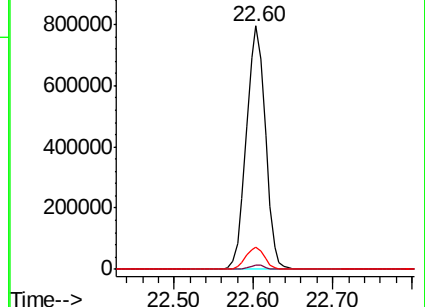
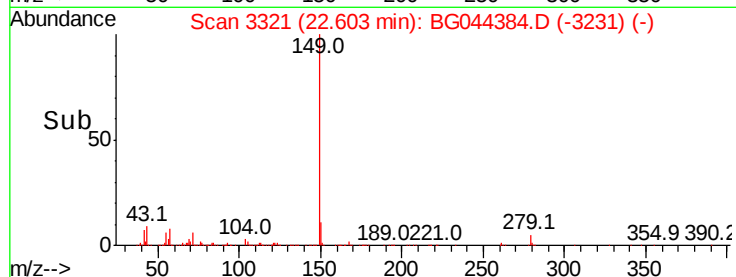
43 9.0 7.4 11.0



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): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 47.608 ng

RT: 28.12 min Scan# 4260

Delta R.T. 0.00 min

Lab File: BG044384.D

Acq: 11 Feb 2020 11:07

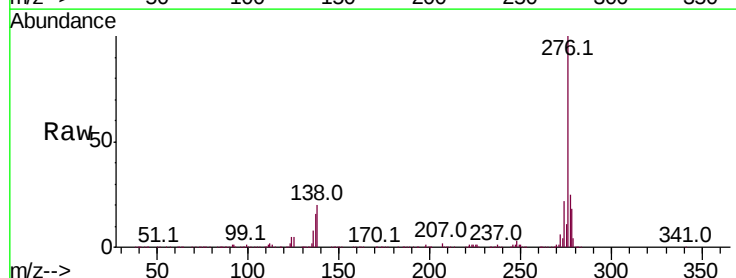
Tgt Ion:276 Resp: 1421896

Ion Ratio Lower Upper

276 100

138 24.3 19.4 29.0

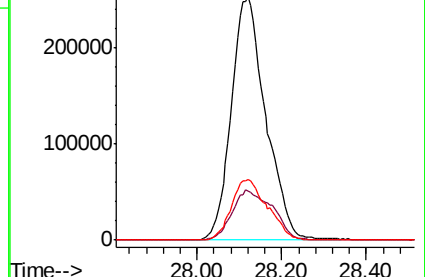
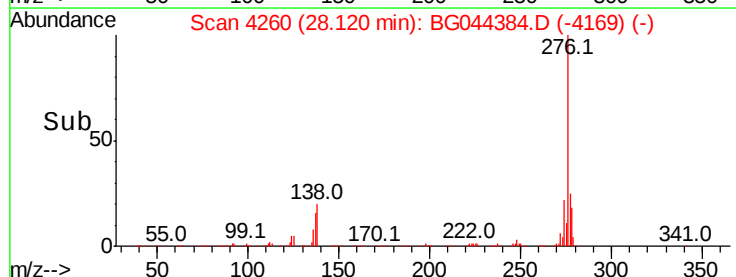
277 26.3 21.0 31.6

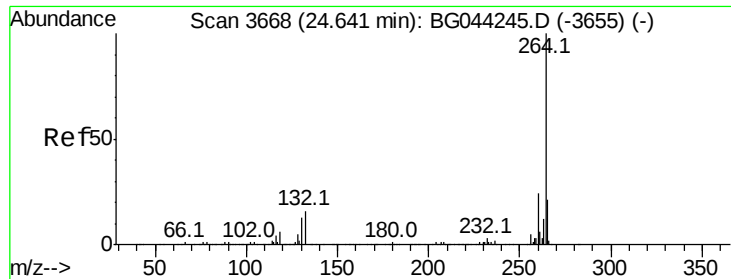


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



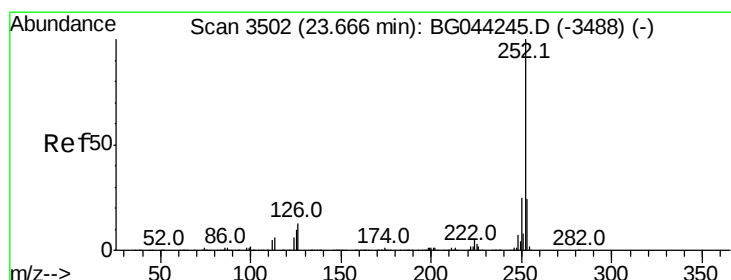
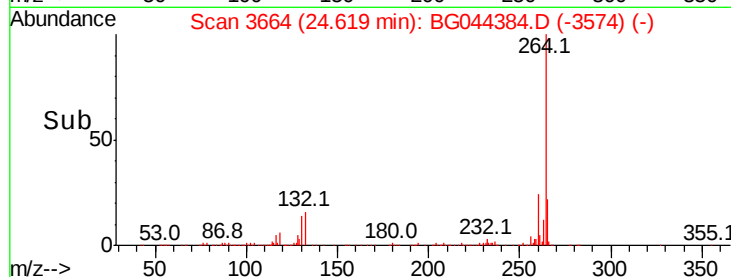
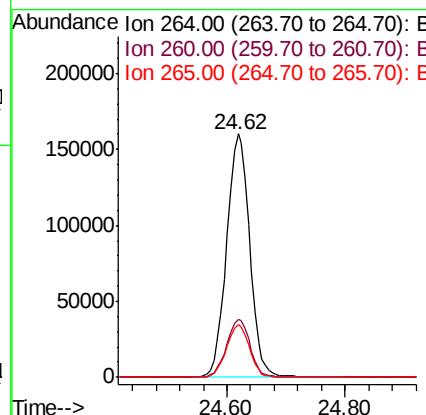
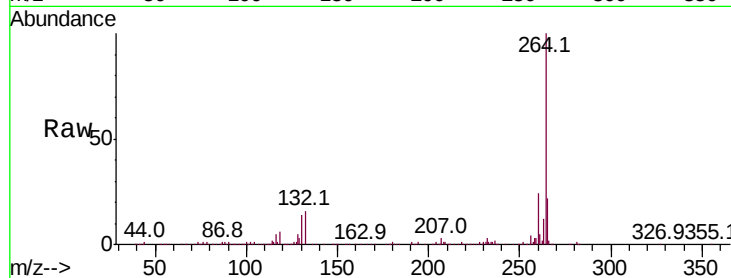


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.62 min Scan# 3664
Delta R.T. -0.00 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 436034

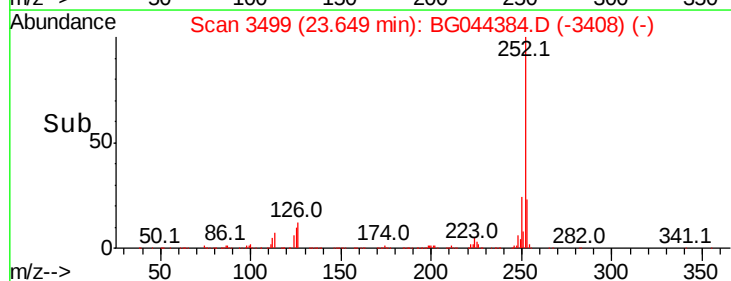
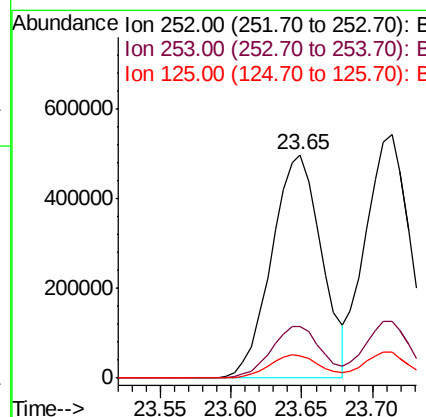
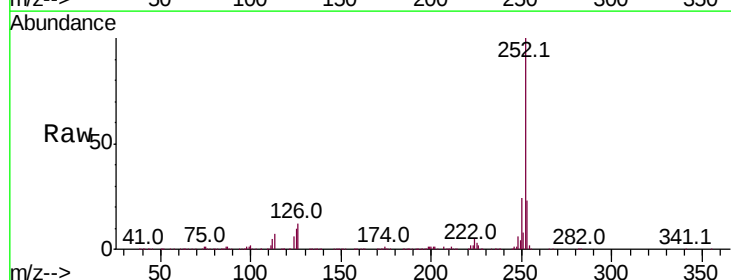
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	21.6	16.7	25.1

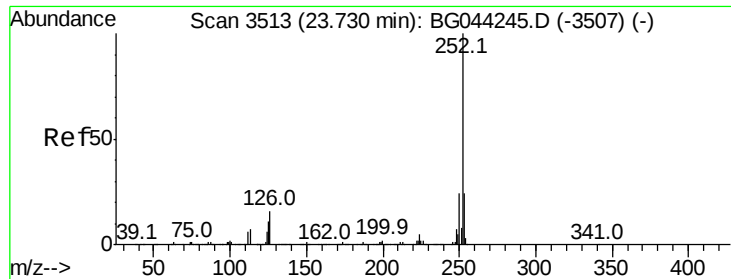


#88
Benzo(b)fluoranthene
Concen: 48.964 ng
RT: 23.65 min Scan# 3499
Delta R.T. 0.00 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

Tgt Ion:252 Resp: 1230257

Ion	Ratio	Lower	Upper
252	100		
253	23.0	19.2	28.8
125	10.1	8.4	12.6

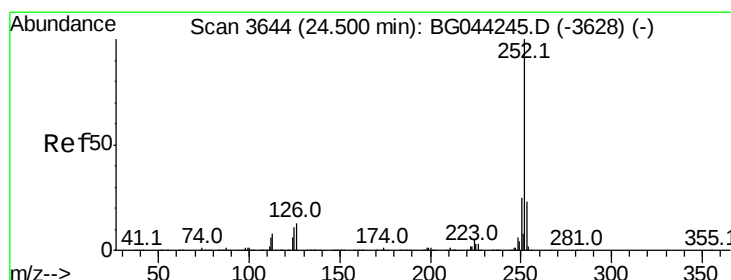
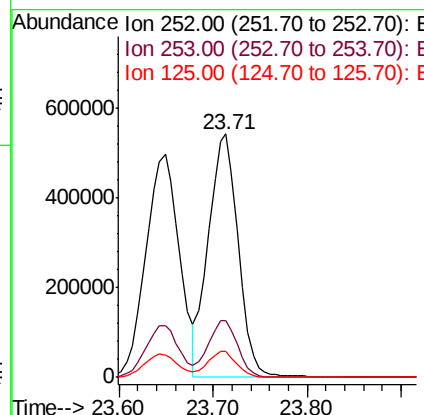
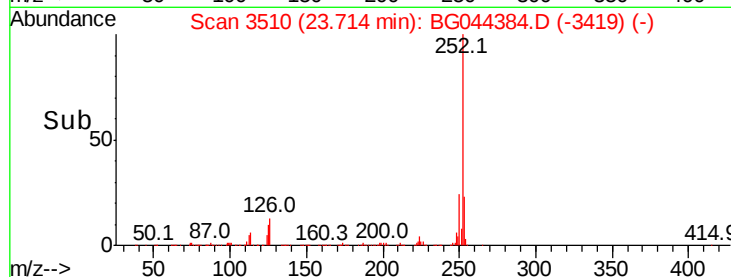
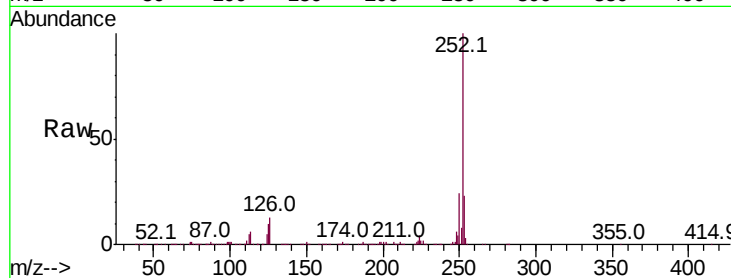




#89
Benzo(k)fluoranthene
Concen: 48.981 ng
RT: 23.71 min Scan# 3510
Delta R.T. 0.00 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

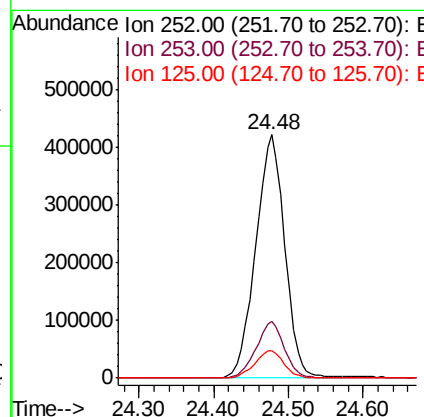
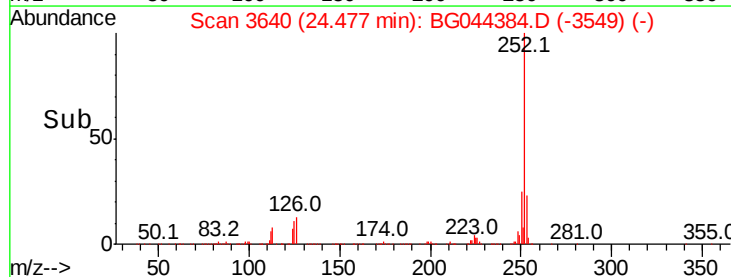
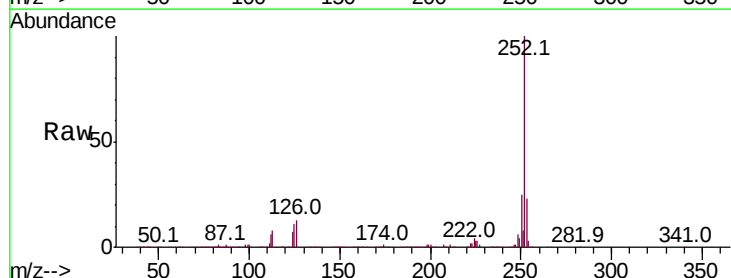
Instrument :
BNA_G
ClientSampleId :

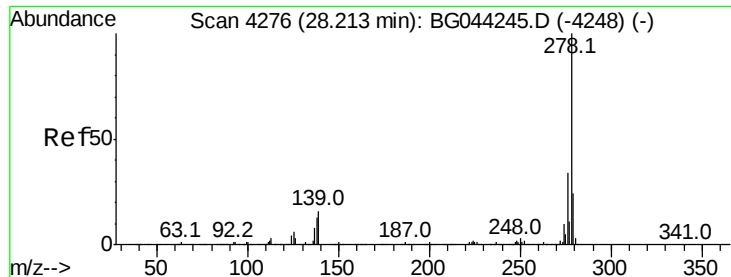
Tot Ion:252 Resp: 1199465
Ion Ratio Lower Upper
252 100
253 23.3 19.1 28.7
125 10.5 8.6 12.8



#90
Benzo(a)pyrene
Concen: 47.872 ng
RT: 24.48 min Scan# 3640
Delta R.T. 0.00 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

Tgt Ion:252 Resp: 1137263
Ion Ratio Lower Upper
252 100
253 23.1 18.1 27.1
125 11.3 8.6 13.0

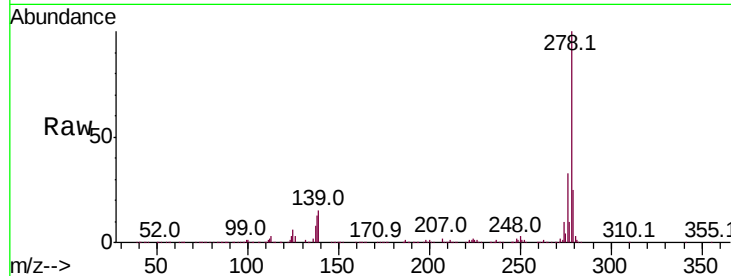




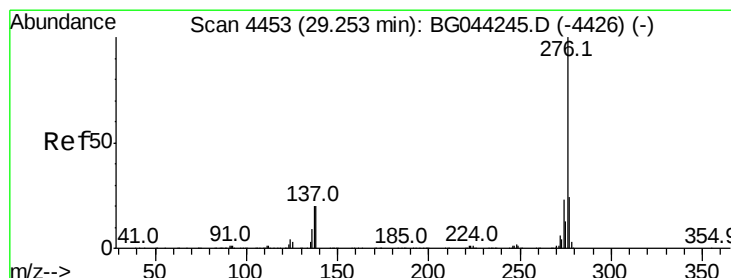
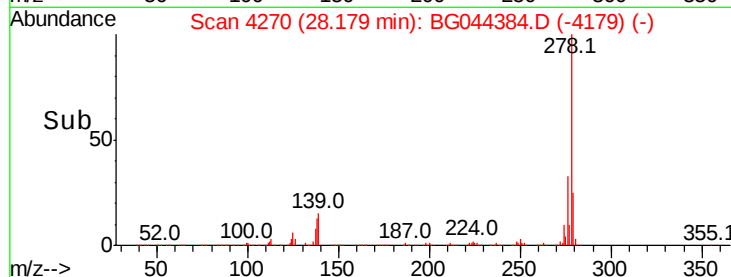
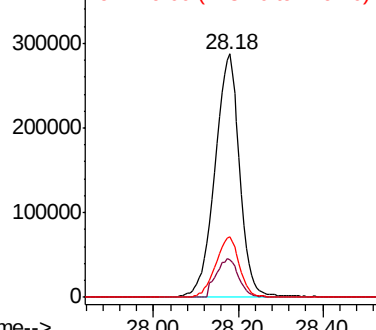
#91
Dibenzo(a,h)anthracene
Concen: 49.943 ng
RT: 28.18 min Scan# 4270
Delta R.T. 0.00 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1174198
Ion Ratio Lower Upper
278 100
139 15.4 12.7 19.1
279 24.9 19.3 28.9

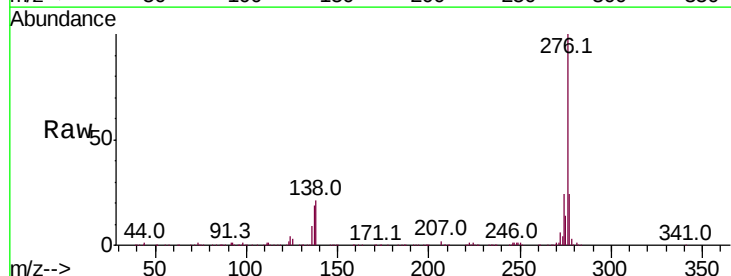


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 50.819 ng
RT: 29.21 min Scan# 4446
Delta R.T. 0.01 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

Tgt Ion:276 Resp: 1196075
Ion Ratio Lower Upper
276 100
277 23.9 18.8 28.2
138 21.4 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

