

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG070120\
 Data File : BG045901.D
 Acq On : 1 Jul 2020 11:43
 Operator : CG/JU
 Sample : L2810-16MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-062420MS

Quant Time: Jul 01 14:02:38 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 01 13:54:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	67688	20.00	ng	0.00
21) Naphthalene-d8	10.66	136	262641	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	189744	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	431535	20.00	ng	0.00
76) Chrysene-d12	21.52	240	400613	20.00	ng	0.00
86) Perylene-d12	24.60	264	412147	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	439194	109.61	ng	0.00
7) Phenol-d6	7.08	99	572766	93.97	ng	0.00
23) Nitrobenzene-d5	9.02	82	457246	79.53	ng	0.00
42) 2,4,6-Tribromophenol	16.02	330	328269	114.59	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	993999	76.98	ng	0.00
79) Terphenyl-d14	19.89	244	1670271	84.49	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.29	88	59830	32.601	ng	# 53
3) Pyridine	3.71	79	141808	26.075	ng	97
4) n-Nitrosodimethylamine	3.61	42	73819	40.438	ng	95
6) Aniline	7.18	93	184541	25.714	ng	99
8) 2-Chlorophenol	7.44	128	182412	42.530	ng	99
9) Benzaldehyde	6.99	77	42068	11.491	ng	91
10) Phenol	7.11	94	206487	34.964	ng	98
11) bis(2-Chloroethyl)ether	7.28	93	172570	38.471	ng	96
12) 1,3-Dichlorobenzene	7.75	146	196689	38.481	ng	99
13) 1,4-Dichlorobenzene	7.89	146	199658	39.107	ng	98
14) 1,2-Dichlorobenzene	8.21	146	187031	38.266	ng	99
15) Benzyl Alcohol	8.11	79	201673	42.757	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.39	45	163379	38.645	ng	97
17) 2-Methylphenol	8.35	107	163082	37.106	ng	98
18) Hexachloroethane	8.94	117	75468	38.920	ng	95
19) n-Nitroso-di-n-propylamine	8.67	70	165752	41.365	ng	96
20) 3+4-Methylphenols	8.68	107	218014	37.718	ng	94
22) Acetophenone	8.68	105	294560	40.862	ng	# 98
24) Nitrobenzene	9.06	77	251043	40.953	ng	98
25) Isophorone	9.59	82	447666	40.222	ng	97
26) 2-Nitrophenol	9.78	139	109208	42.762	ng	97
27) 2,4-Dimethylphenol	9.87	122	171780	44.057	ng	99
28) bis(2-Chloroethoxy)methane	10.07	93	246875	42.464	ng	98
29) 2,4-Dichlorophenol	10.34	162	194625	42.783	ng	98
30) 1,2,4-Trichlorobenzene	10.53	180	213716	39.684	ng	99
31) Naphthalene	10.71	128	590192	41.103	ng	99
32) Benzoic acid	10.07	122	86036	36.638	ng	93
33) 4-Chloroaniline	10.84	127	97483	16.212	ng	95
34) Hexachlorobutadiene	11.00	225	145625	38.022	ng	99
35) Caprolactam	11.62	113	26349	17.899	ng	88
36) 4-Chloro-3-methylphenol	12.01	107	227580	43.329	ng	98
37) 2-Methylnaphthalene	12.33	142	440510	41.199	ng	97
38) 1-Methylnaphthalene	12.55	142	422487	41.755	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.71	216	245580	39.307	ng	97

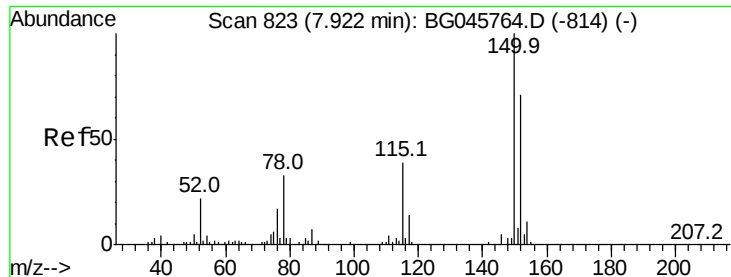
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG070120\
 Data File : BG045901.D
 Acq On : 1 Jul 2020 11:43
 Operator : CG/JU
 Sample : L2810-16MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-062420MS

Quant Time: Jul 01 14:02:38 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 01 13:54:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.68	237	242712	71.347	ng	99
43) 2,4,6-Trichlorophenol	12.96	196	175722	41.483	ng	99
44) 2,4,5-Trichlorophenol	13.05	196	180608	37.409	ng	97
46) 1,1'-Biphenyl	13.35	154	560420	41.254	ng	99
47) 2-Chloronaphthalene	13.39	162	434628	39.607	ng	99
48) 2-Nitroaniline	13.61	65	153778	42.129	ng	97
49) Acenaphthylene	14.24	152	708943	40.334	ng	99
50) Dimethylphthalate	13.98	163	670111	45.081	ng	99
51) 2,6-Dinitrotoluene	14.10	165	136928	41.013	ng	95
52) Acenaphthene	14.58	154	429264	40.291	ng	99
53) 3-Nitroaniline	14.43	138	98946	29.671	ng	100
54) 2,4-Dinitrophenol	14.64	184	141015	76.438	ng	95
55) Dibenzofuran	14.92	168	698867	40.379	ng	96
56) 4-Nitrophenol	14.80	139	151899	64.393	ng	96
57) 2,4-Dinitrotoluene	14.89	165	197739	41.338	ng	98
58) Fluorene	15.57	166	596316	41.435	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.16	232	170766	40.753	ng	99
60) Diethylphthalate	15.34	149	625191	41.143	ng	97
61) 4-Chlorophenyl-phenylether	15.56	204	329012	39.665	ng	99
62) 4-Nitroaniline	15.61	138	137093	40.057	ng	95
63) Azobenzene	15.86	77	606391	41.561	ng	98
65) 4,6-Dinitro-2-methylphenol	15.66	198	122030	45.758	ng	98
66) n-Nitrosodiphenylamine	15.78	169	522956	42.785	ng	99
67) 4-Bromophenyl-phenylether	16.45	248	228910	40.824	ng	97
68) Hexachlorobenzene	16.58	284	249698	42.945	ng	98
69) Atrazine	16.74	200	181654	38.300	ng	96
70) Pentachlorophenol	16.94	266	179507	64.260	ng	99
71) Phenanthrene	17.31	178	938195	42.155	ng	99
72) Anthracene	17.40	178	954617	43.074	ng	99
73) Carbazole	17.68	167	881706	41.782	ng	99
74) Di-n-butylphthalate	18.23	149	1053873	42.178	ng	99
75) Fluoranthene	19.33	202	1140791	41.684	ng	98
77) Benzidine	19.51	184	160081	15.371	ng	98
78) Pyrene	19.69	202	1127568	42.032	ng	98
80) Butylbenzylphthalate	20.58	149	462620	41.199	ng	97
81) Benzo(a)anthracene	21.50	228	1075718	41.416	ng	99
82) 3,3'-Dichlorobenzidine	21.42	252	332622	33.856	ng	95
83) Chrysene	21.57	228	1020548	40.624	ng	99
84) Bis(2-ethylhexyl)phthalate	21.42	149	646241	41.376	ng	98
85) Di-n-octyl phthalate	22.58	149	1090860	40.490	ng	100
87) Indeno(1,2,3-cd)pyrene	28.10	276	1342891	44.944	ng	# 87
88) Benzo(b)fluoranthene	23.63	252	1138288	44.049	ng	99
89) Benzo(k)fluoranthene	23.70	252	1089230	44.041	ng	99
90) Benzo(a)pyrene	24.46	252	1028808	42.620	ng	98
91) Dibenzo(a,h)anthracene	28.16	278	1095344	45.715	ng	98
92) Benzo(g,h,i)perylene	29.21	276	1095187	45.667	ng	99

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

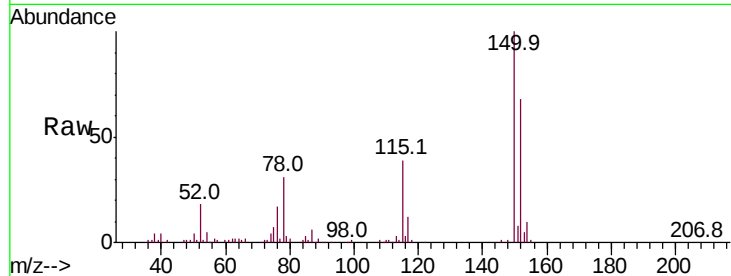


#1

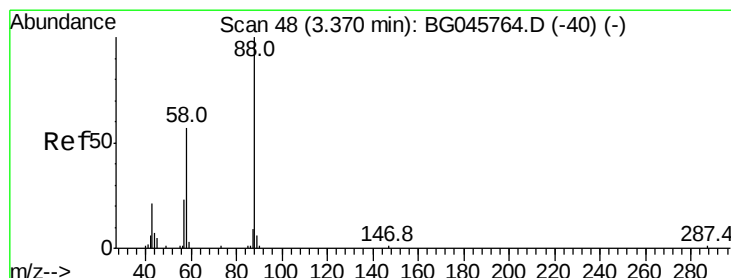
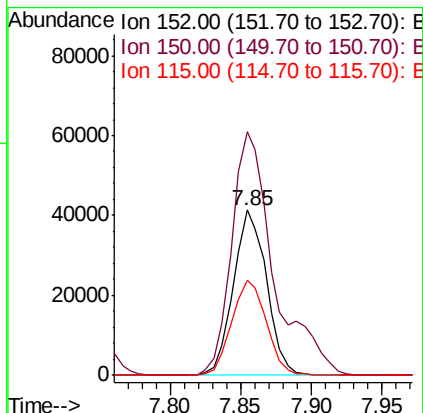
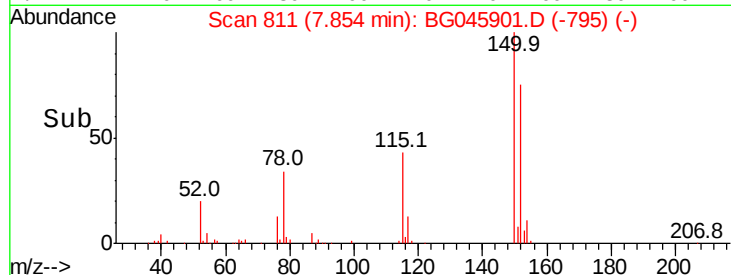
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.85 min Scan# 811
Delta R.T. -0.00 min
Lab File: BG045901.D
Acq: 1 Jul 2020 11:43

Instrument :
BNA_G
ClientSampleId :
CL-01-062420MS

Tot Ion:152 Resp: 67688
Ion Ratio Lower Upper
152 100
150 147.4 121.2 181.8
115 57.2 47.5 71.3



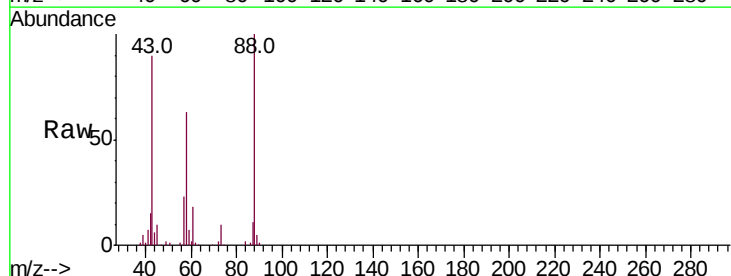
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



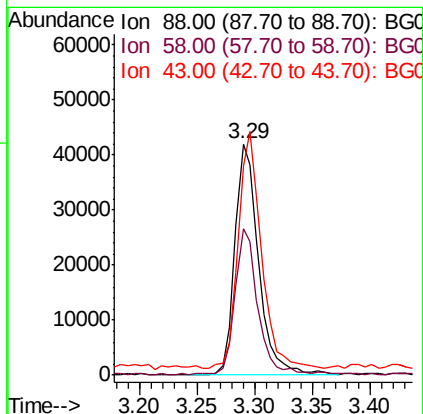
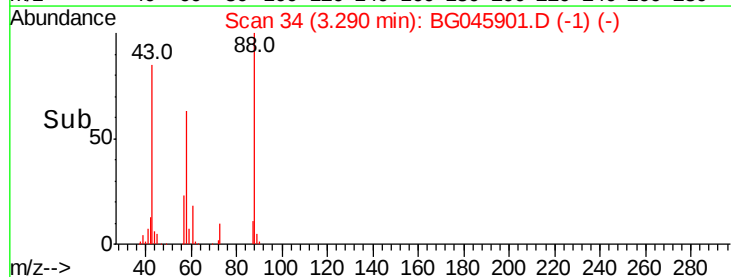
#2

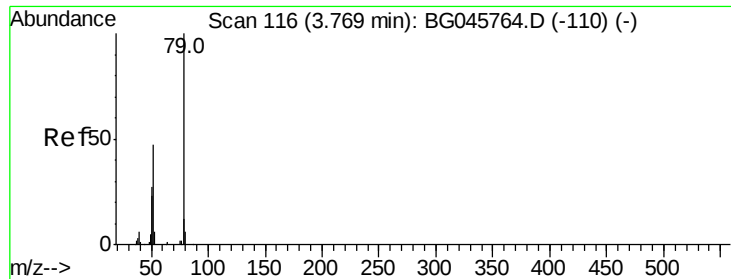
1,4-Dioxane
Concen: 32.601 ng
RT: 3.29 min Scan# 34
Delta R.T. 0.00 min
Lab File: BG045901.D
Acq: 1 Jul 2020 11:43

Tgt Ion: 88 Resp: 59830
Ion Ratio Lower Upper
88 100
58 61.1 46.6 70.0
43 98.3 18.2 27.4#



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: 26.075 ng

RT: 3.71 min Scan# 105

Delta R.T. 0.01 min

Lab File: BG045901.D

Acq: 1 Jul 2020 11:43

Instrument :

BNA_G

ClientSampleId :

CL-01-062420MS

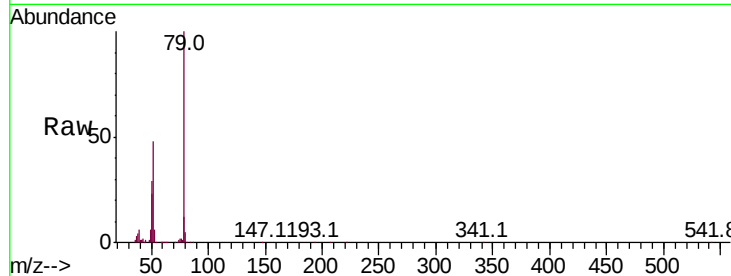
Tot Ion: 79 Resp: 141808

Ion Ratio Lower Upper

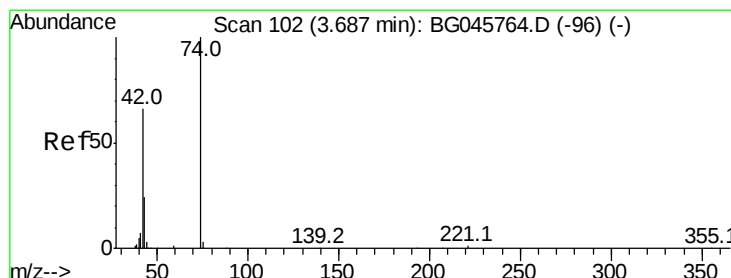
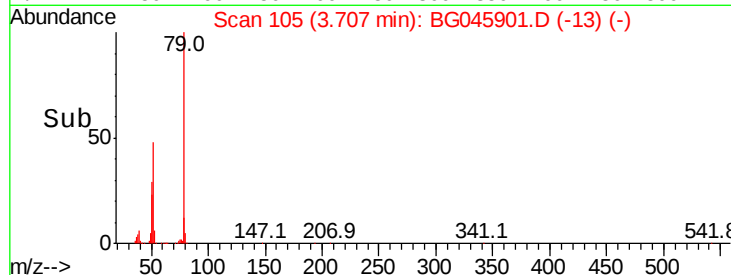
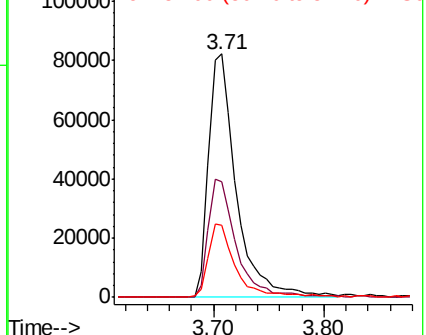
79 100

52 47.7 39.0 58.6

51 29.5 21.2 31.8



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: 40.438 ng

RT: 3.61 min Scan# 88

Delta R.T. -0.00 min

Lab File: BG045901.D

Acq: 1 Jul 2020 11:43

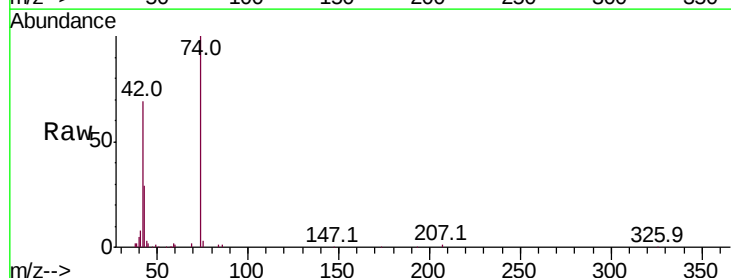
Tgt Ion: 42 Resp: 73819

Ion Ratio Lower Upper

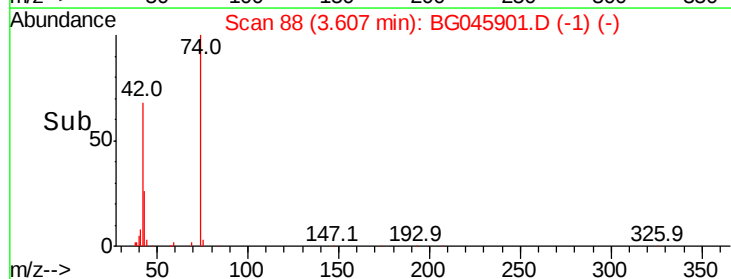
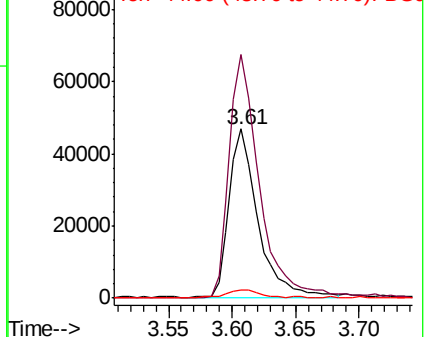
42 100

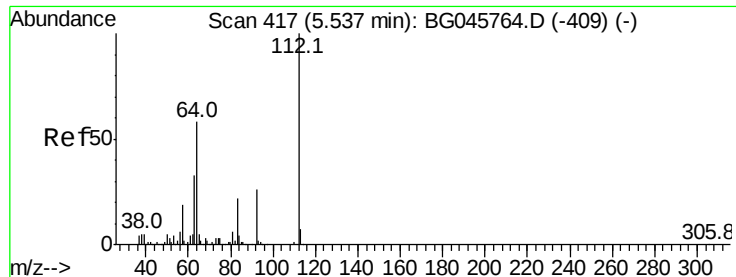
74 144.0 120.5 180.7

44 4.9 4.2 6.4



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: 109.606 ng

RT: 5.46 min Scan# 403

Delta R.T. 0.00 min

Lab File: BG045901.D

Acq: 1 Jul 2020 11:43

Instrument :

BNA_G

ClientSampleId :

CL-01-062420MS

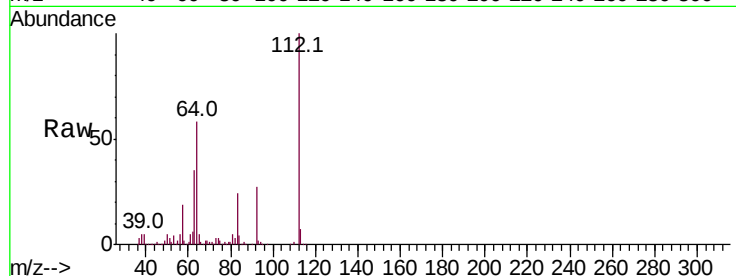
Tot Ion:112 Resp: 439194

Ion Ratio Lower Upper

112 100

64 58.0 48.5 72.7

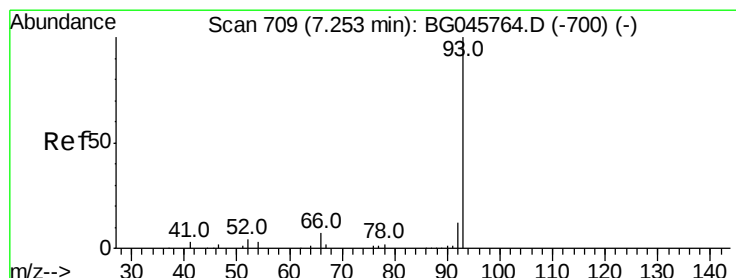
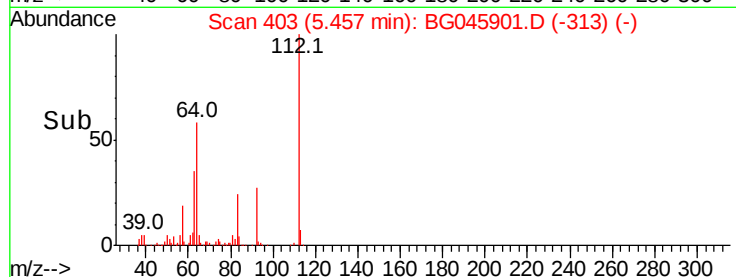
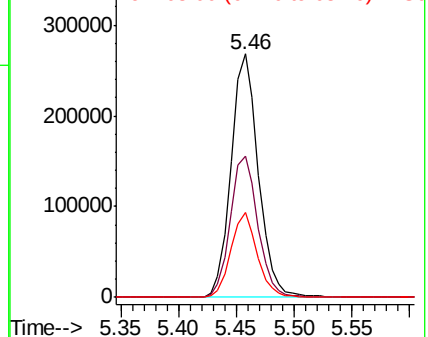
63 34.7 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 25.714 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG045901.D

Acq: 1 Jul 2020 11:43

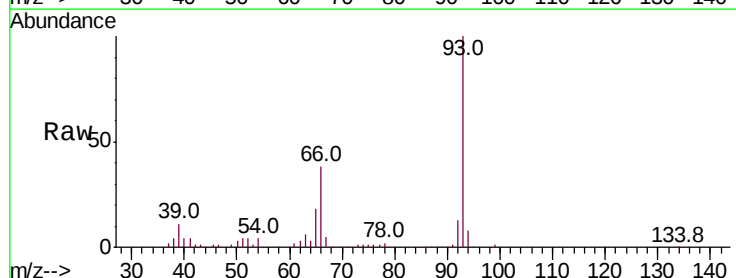
Tgt Ion: 93 Resp: 184541

Ion Ratio Lower Upper

93 100

66 38.2 30.1 45.1

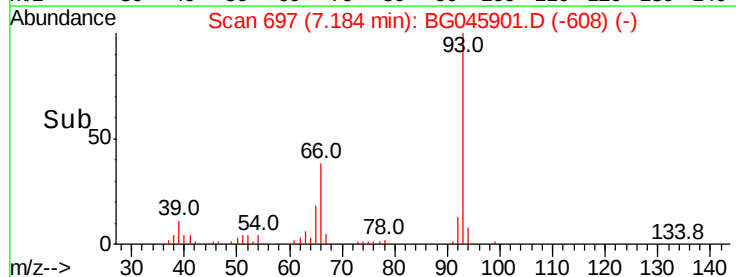
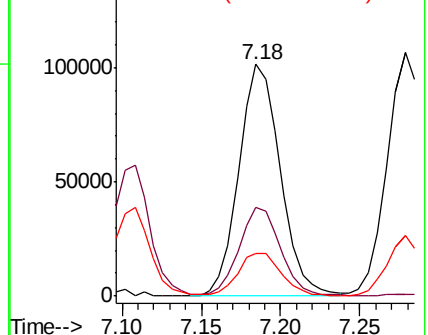
65 18.4 14.9 22.3

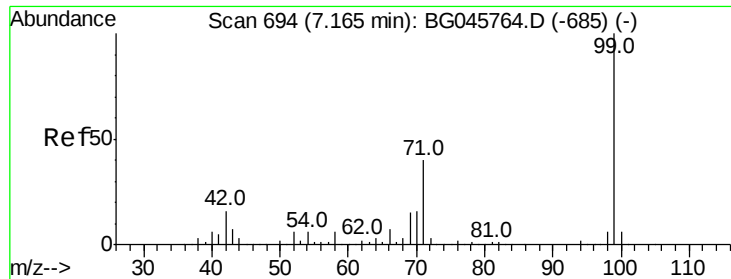


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 93.973 ng

RT: 7.08 min Scan# 679

Delta R.T. -0.00 min

Lab File: BG045901.D

Acq: 1 Jul 2020 11:43

Instrument :

BNA_G

ClientSampleId :

CL-01-062420MS

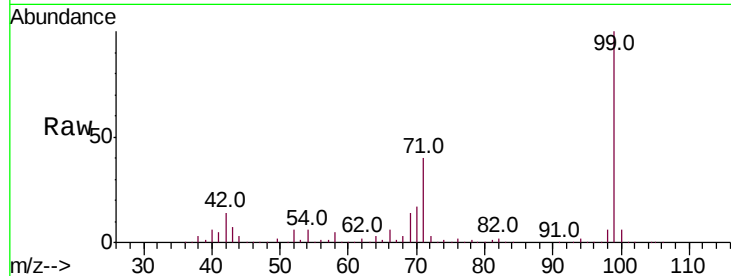
Tot Ion: 99 Resp: 572766

Ion Ratio Lower Upper

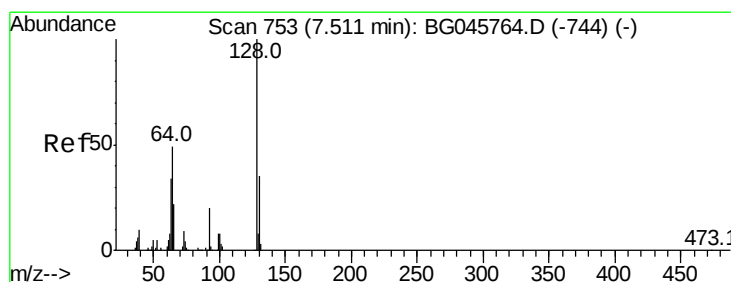
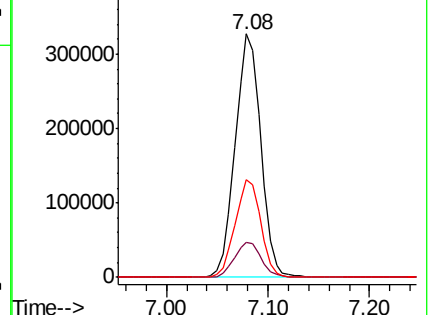
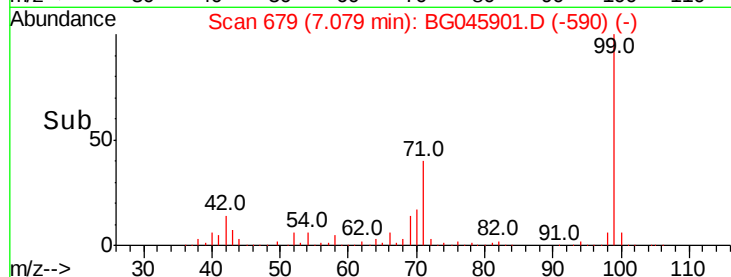
99 100

42 14.3 12.0 18.0

71 40.4 31.0 46.4



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: 42.530 ng

RT: 7.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BG045901.D

Acq: 1 Jul 2020 11:43

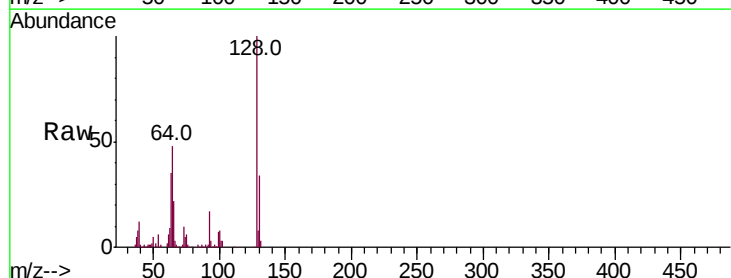
Tgt Ion: 128 Resp: 182412

Ion Ratio Lower Upper

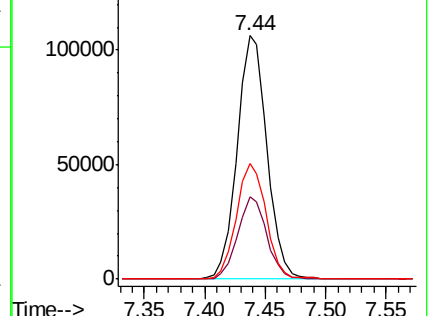
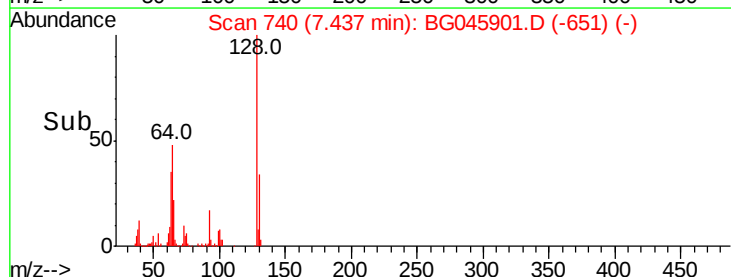
128 100

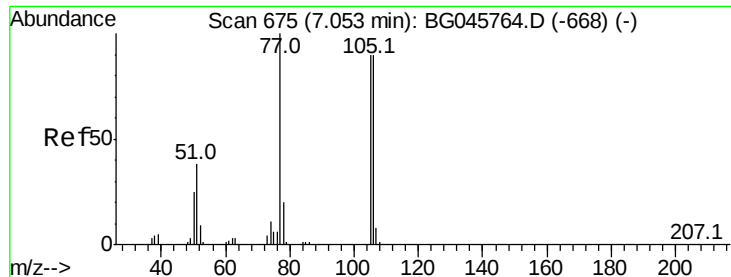
130 33.6 14.2 54.2

64 47.6 27.3 67.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 11.491 ng

RT: 6.99 min Scan# 664

Delta R.T. -0.00 min

Lab File: BG045901.D

Acq: 1 Jul 2020 11:43

Instrument :

BNA_G

ClientSampleId :

CL-01-062420MS

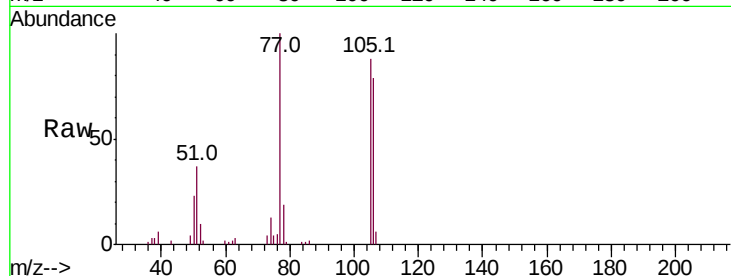
Tot Ion: 77 Resp: 42068

Ion Ratio Lower Upper

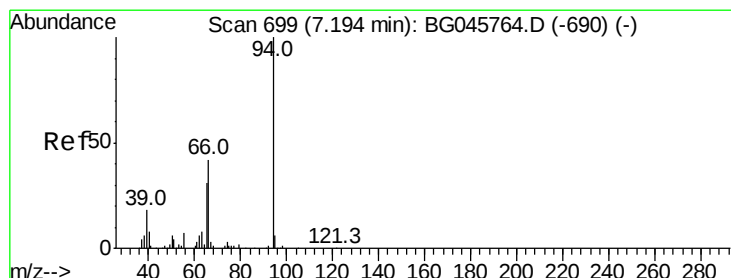
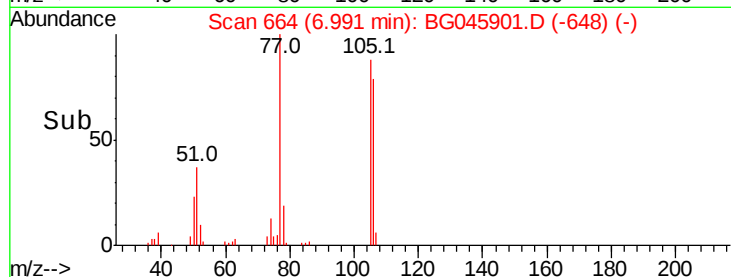
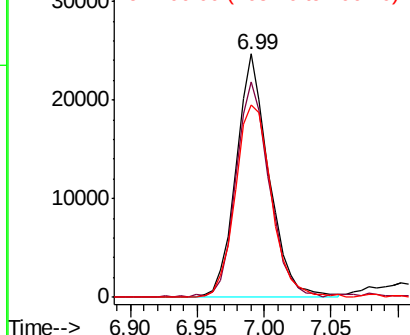
77 100

105 88.3 72.6 112.6

106 79.1 71.4 111.4



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: 34.964 ng

RT: 7.11 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG045901.D

Acq: 1 Jul 2020 11:43

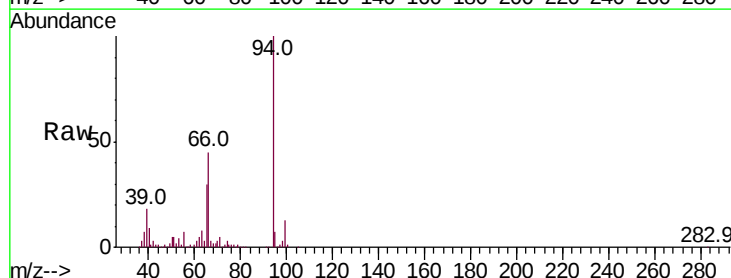
Tgt Ion: 94 Resp: 206487

Ion Ratio Lower Upper

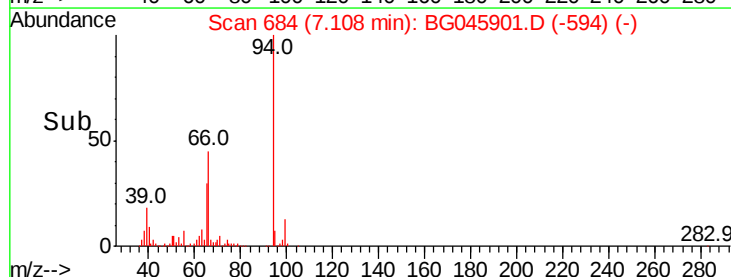
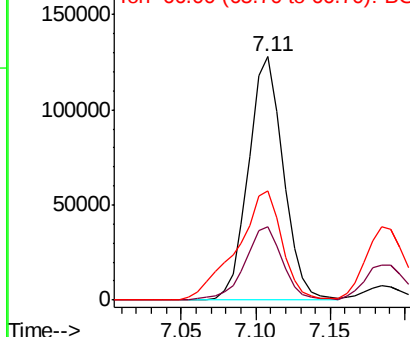
94 100

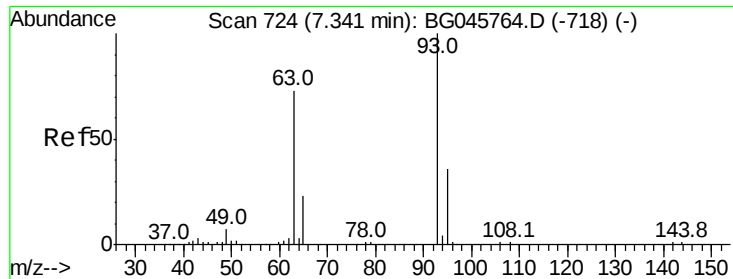
65 30.2 10.1 50.1

66 44.9 23.2 63.2



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

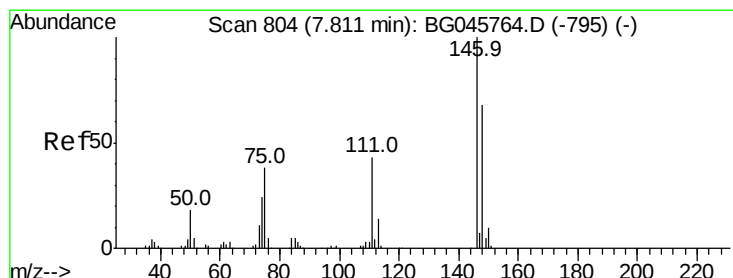
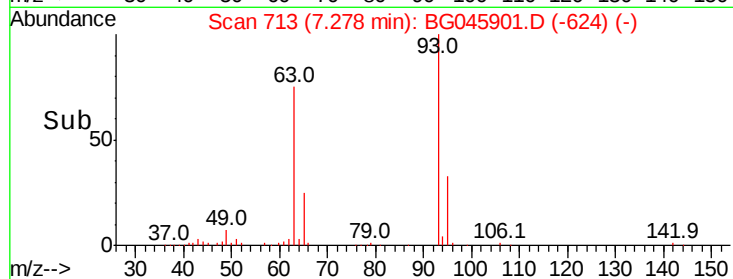
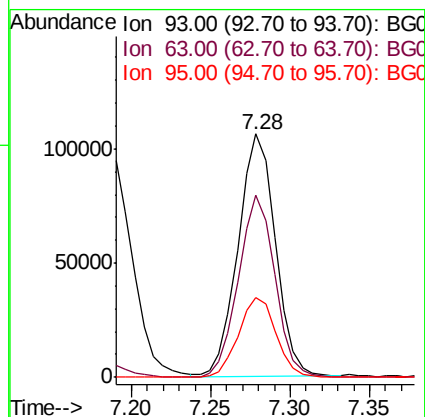
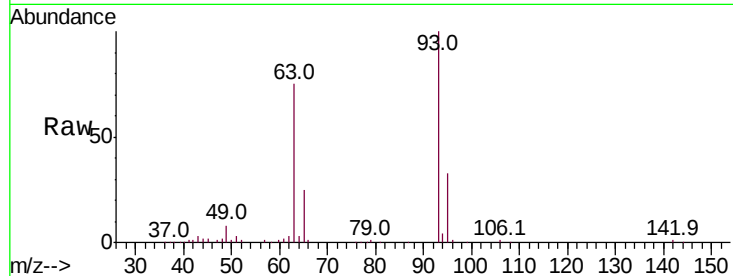




#11
bis(2-Chloroethyl)ether
Concen: 38.471 ng
RT: 7.28 min Scan# 713
Delta R.T. -0.00 min
Lab File: BG045901.D
Acq: 1 Jul 2020 11:43

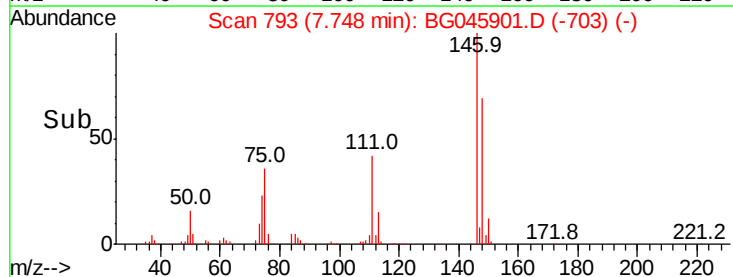
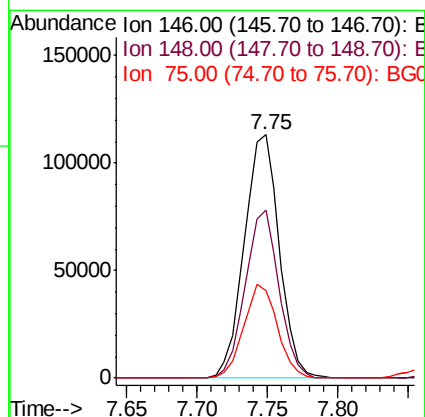
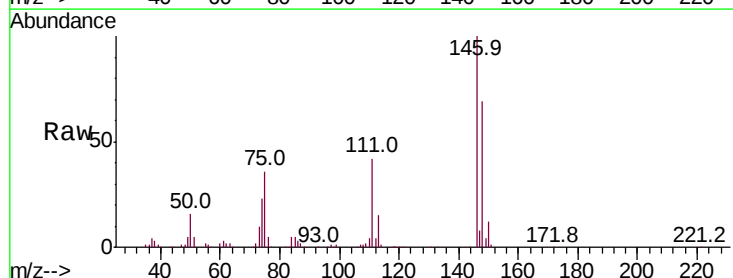
Instrument :
BNA_G
ClientSampleId :
CL-01-062420MS

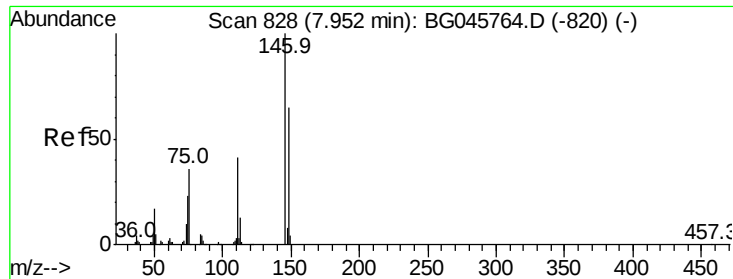
Tot Ion: 93 Resp: 172570
Ion Ratio Lower Upper
93 100
63 74.7 51.2 91.2
95 32.7 14.1 54.1



#12
1,3-Dichlorobenzene
Concen: 38.481 ng
RT: 7.75 min Scan# 793
Delta R.T. 0.00 min
Lab File: BG045901.D
Acq: 1 Jul 2020 11:43

Tgt Ion:146 Resp: 196689
Ion Ratio Lower Upper
146 100
148 69.3 55.7 83.5
75 35.9 29.8 44.8

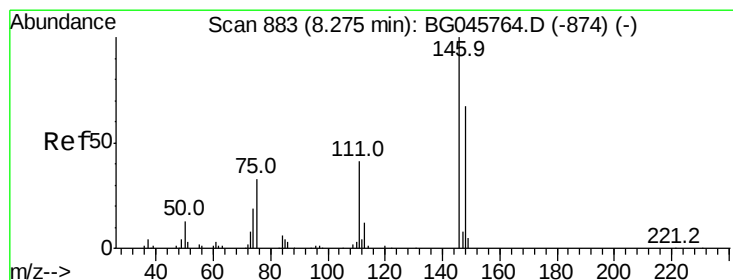
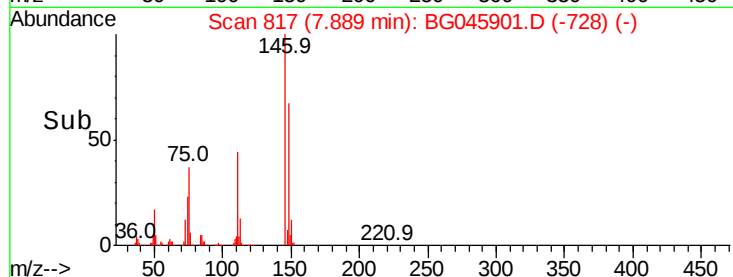
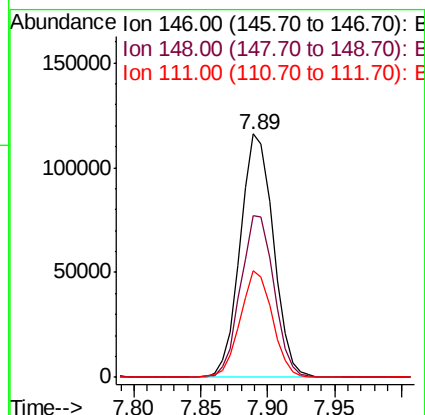
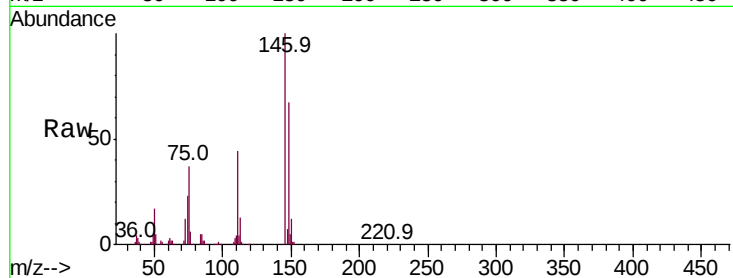




#13
1,4-Dichlorobenzene
Concen: 39.107 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.00 min
Lab File: BG045901.D
Acq: 1 Jul 2020 11:43

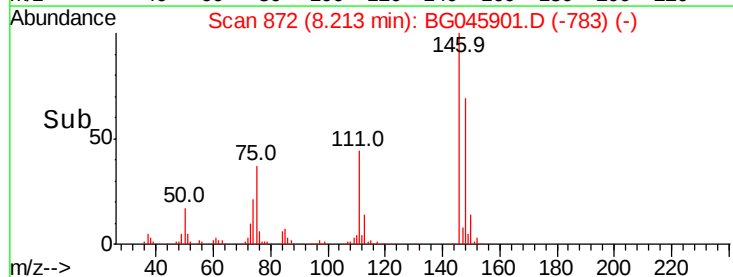
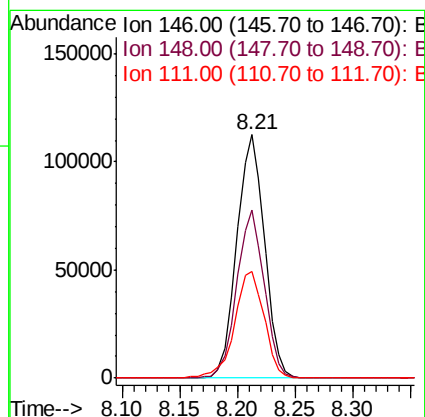
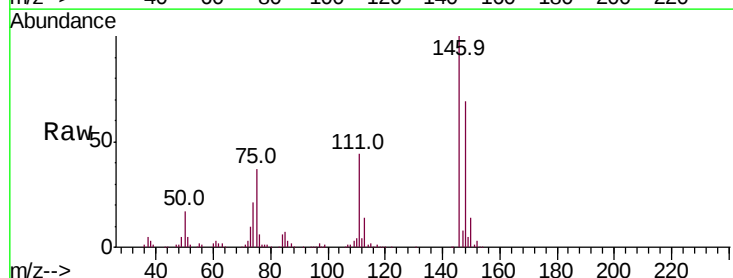
Instrument :
BNA_G
ClientSampleId :
CL-01-062420MS

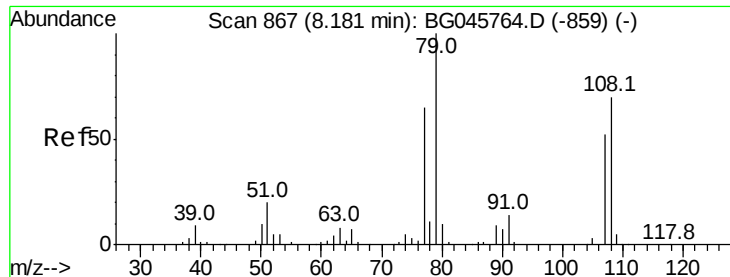
Tot Ion	Ratio	Lower	Upper
146	100		
148	66.6	52.9	79.3
111	43.9	33.3	49.9



#14
1,2-Dichlorobenzene
Concen: 38.266 ng
RT: 8.21 min Scan# 872
Delta R.T. -0.00 min
Lab File: BG045901.D
Acq: 1 Jul 2020 11:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.9	54.9	82.3
111	43.7	36.6	55.0





#15

Benzyl Alcohol

Concen: 42.757 ng

RT: 8.11 min Scan# 855

Delta R.T. -0.00 min

Lab File: BG045901.D

Acq: 1 Jul 2020 11:43

Instrument :

BNA_G

ClientSampleId :

CL-01-062420MS

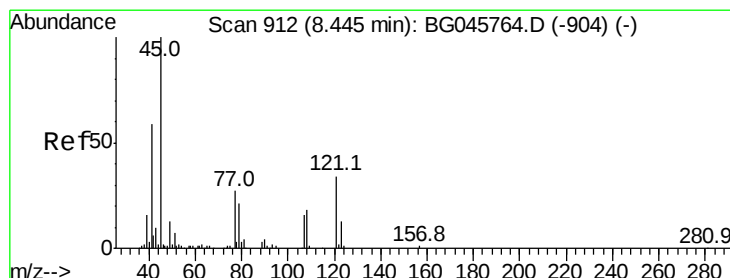
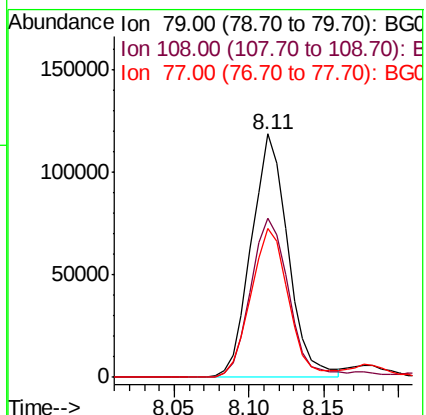
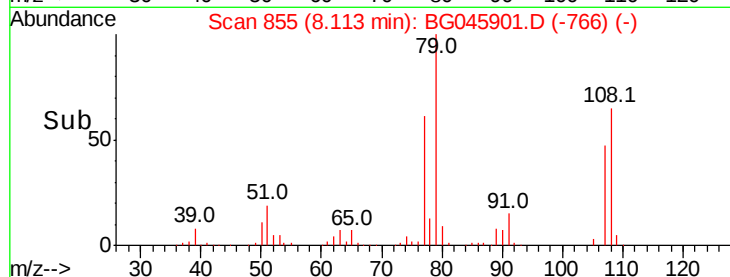
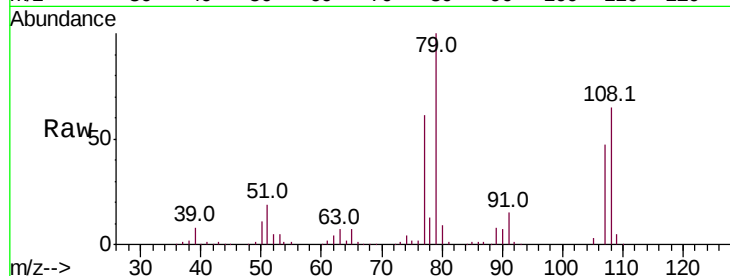
Tot Ion: 79 Resp: 201673

Ion Ratio Lower Upper

79 100

108 65.2 54.7 82.1

77 61.1 52.6 79.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.645 ng

RT: 8.39 min Scan# 903

Delta R.T. -0.00 min

Lab File: BG045901.D

Acq: 1 Jul 2020 11:43

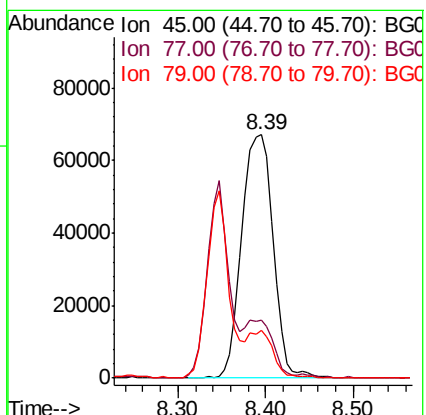
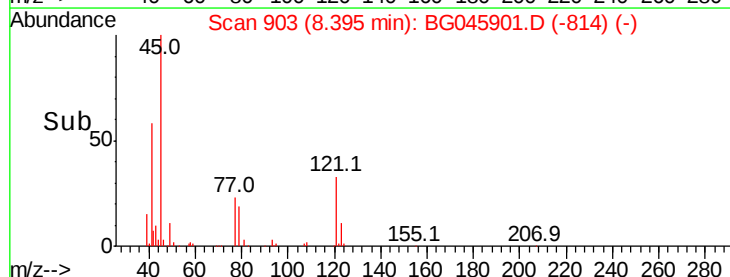
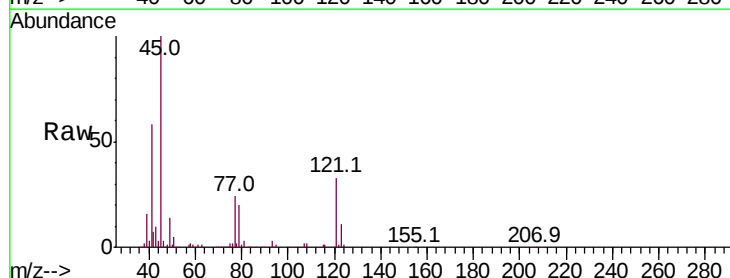
Tgt Ion: 45 Resp: 163379

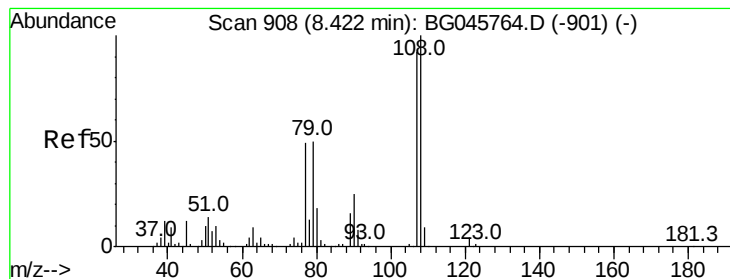
Ion Ratio Lower Upper

45 100

77 24.1 2.6 42.6

79 19.7 0.0 38.7

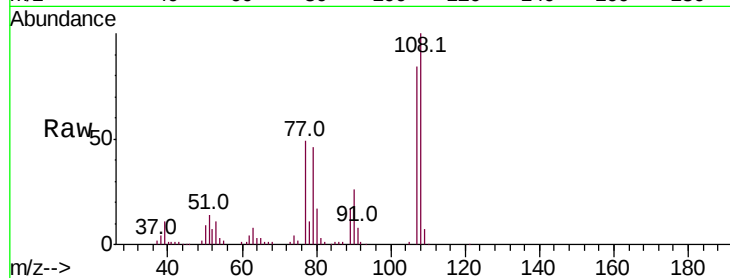




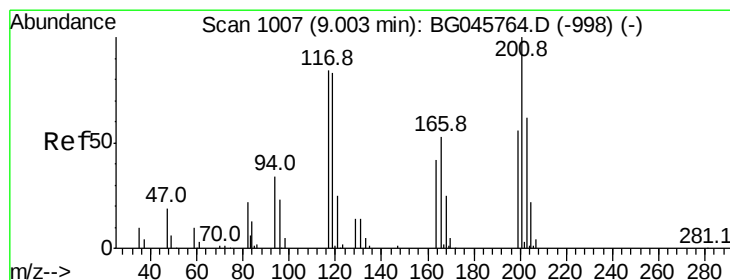
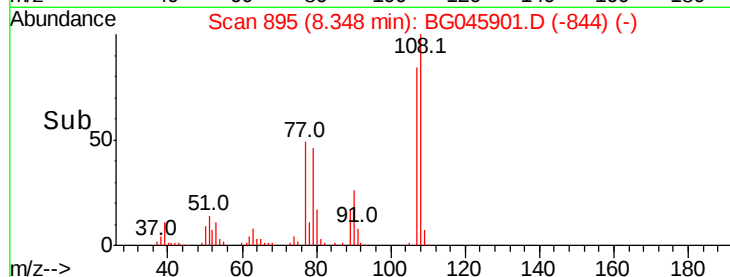
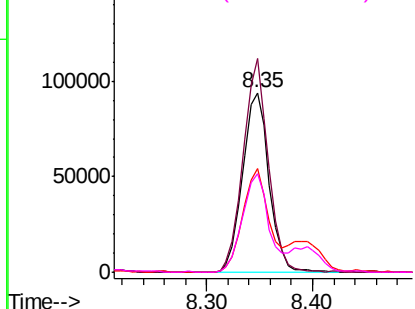
#17
2-Methylphenol
Concen: 37.106 ng
RT: 8.35 min Scan# 895
Delta R.T. 0.00 min
Lab File: BG045901.D
Acq: 1 Jul 2020 11:43

Instrument :
BNA_G
ClientSampleId :
CL-01-062420MS

Tot Ion:107 Resp: 163082
Ion Ratio Lower Upper
107 100
108 119.1 94.2 141.4
77 57.8 43.6 65.4
79 55.0 44.3 66.5

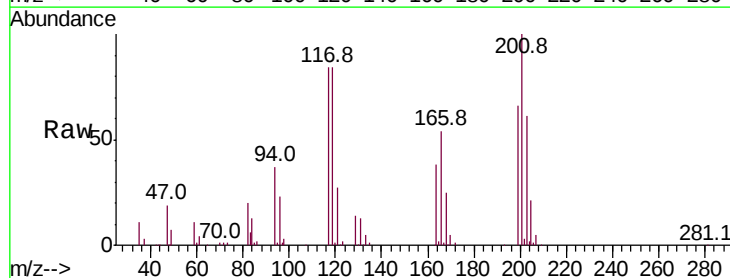


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

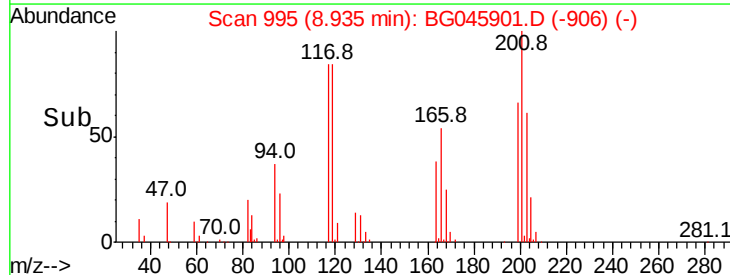
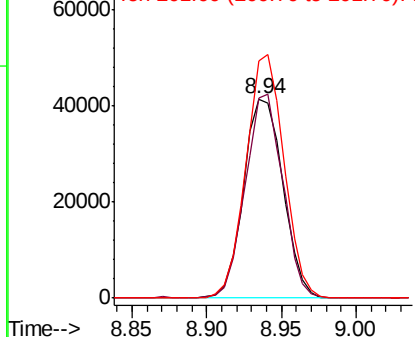


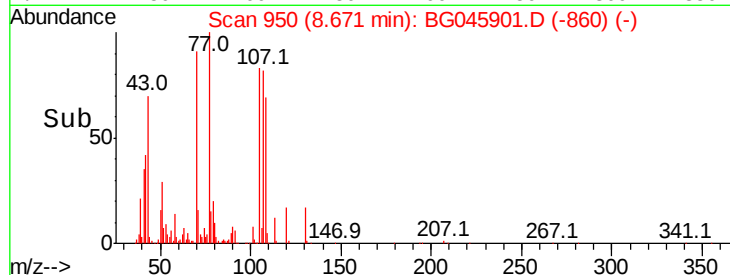
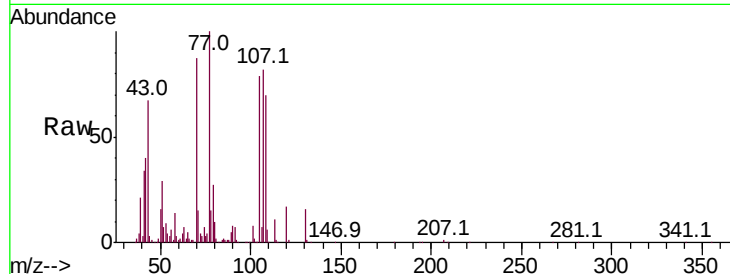
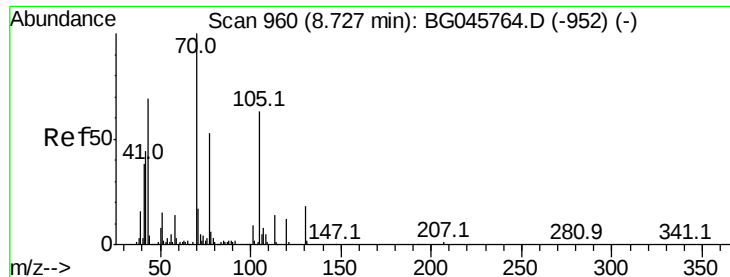
#18
Hexachloroethane
Concen: 38.920 ng
RT: 8.94 min Scan# 995
Delta R.T. -0.00 min
Lab File: BG045901.D
Acq: 1 Jul 2020 11:43

Tgt Ion:117 Resp: 75468
Ion Ratio Lower Upper
117 100
119 100.8 78.7 118.1
201 119.5 89.0 133.4



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

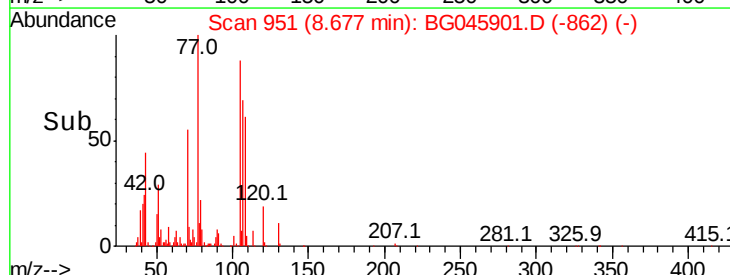
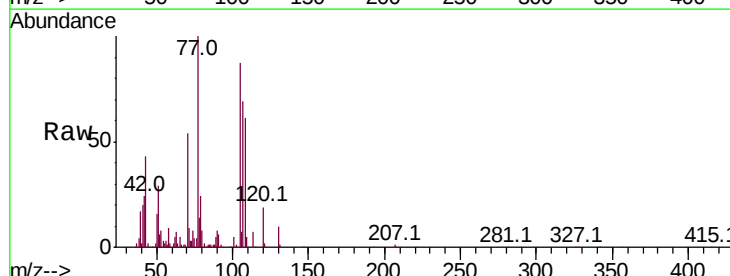
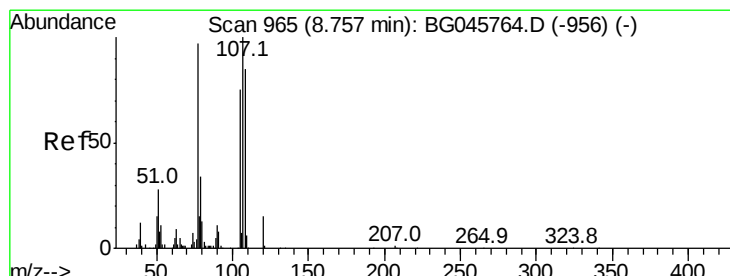
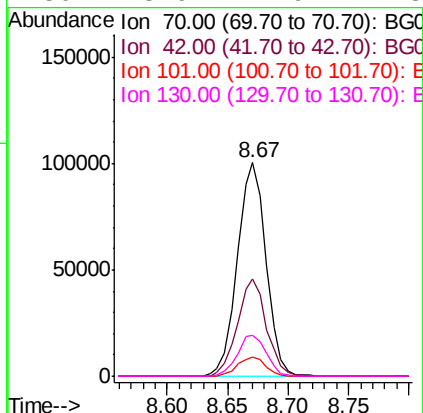




#19
n-Nitroso-di-n-propylamine
Concen: 41.365 ng
RT: 8.67 min Scan# 950
Delta R.T. 0.00 min
Lab File: BG045901.D
Acq: 1 Jul 2020 11:43

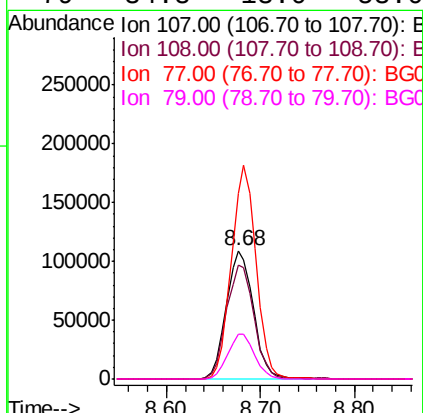
Instrument :
BNA_G
ClientSampleId :
CL-01-062420MS

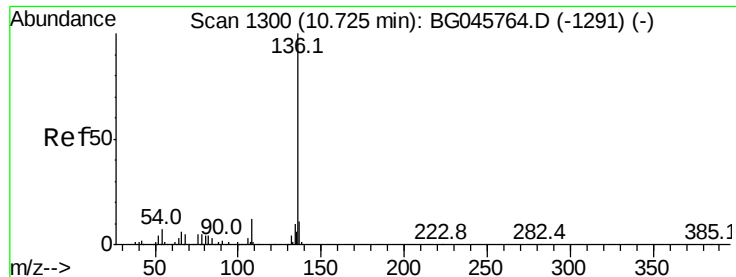
Tot Ion:	70	Resp:	165752
Ion	Ratio	Lower	Upper
70	100		
42	45.6	33.9	50.9
101	9.3	8.0	12.0
130	18.9	14.9	22.3



#20
3+4-Methylphenols
Concen: 37.718 ng
RT: 8.68 min Scan# 951
Delta R.T. -0.00 min
Lab File: BG045901.D
Acq: 1 Jul 2020 11:43

Tgt Ion:	107	Resp:	218014
Ion	Ratio	Lower	Upper
107	100		
108	89.1	68.2	108.2
77	145.1	113.1	153.1
79	34.8	13.0	53.0

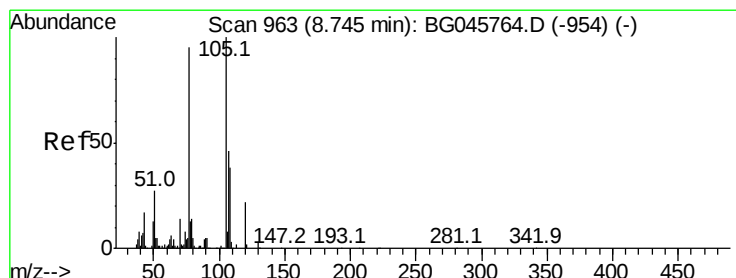
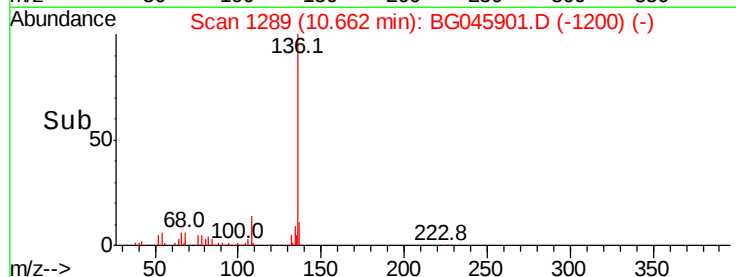
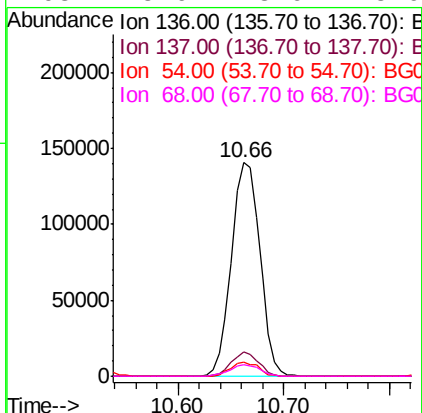
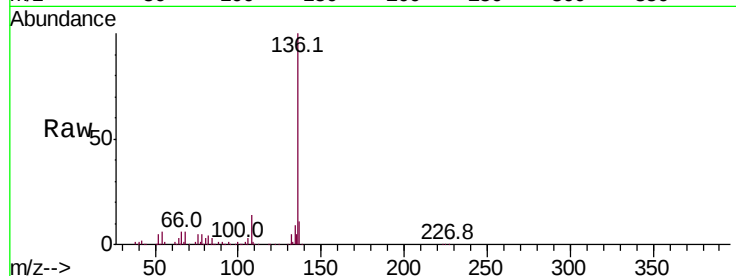




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.66 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG045901.D
Acq: 1 Jul 2020 11:43

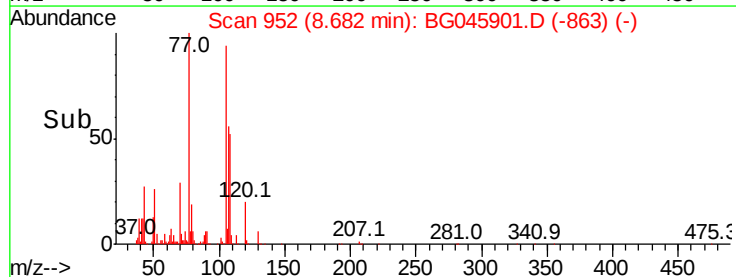
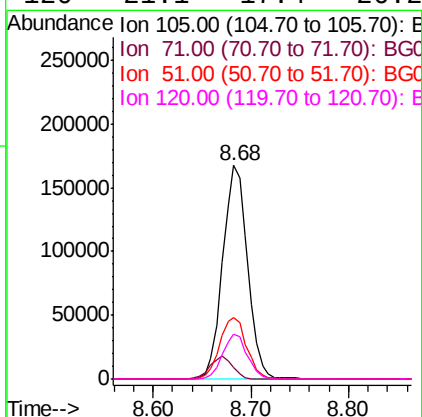
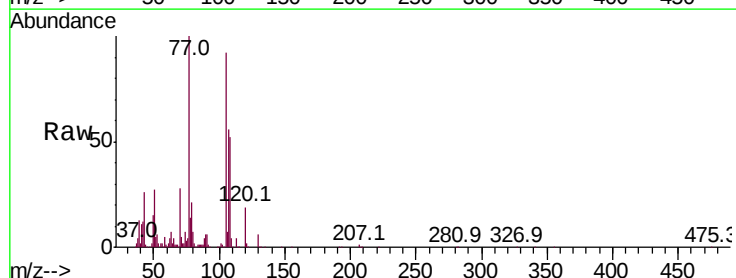
Instrument :
BNA_G
ClientSampleId :
CL-01-062420MS

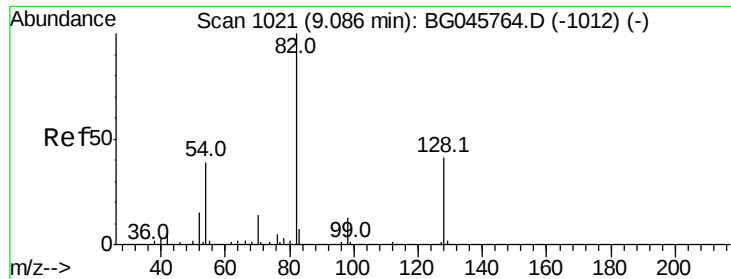
Tot Ion:	136	Resp:	262641
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.4	14.0
54	6.4	4.9	7.3
68	5.6	3.9	5.9



#22
Acetophenone
Concen: 40.862 ng
RT: 8.68 min Scan# 952
Delta R.T. -0.00 min
Lab File: BG045901.D
Acq: 1 Jul 2020 11:43

Tgt Ion:	105	Resp:	294560
Ion	Ratio	Lower	Upper
105	100		
71	5.5	3.5	5.3#
51	28.9	24.5	36.7
120	21.1	17.4	26.2

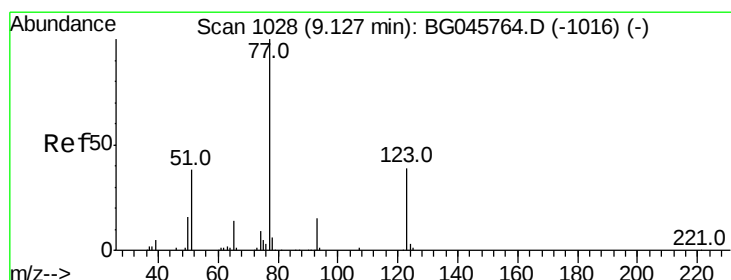
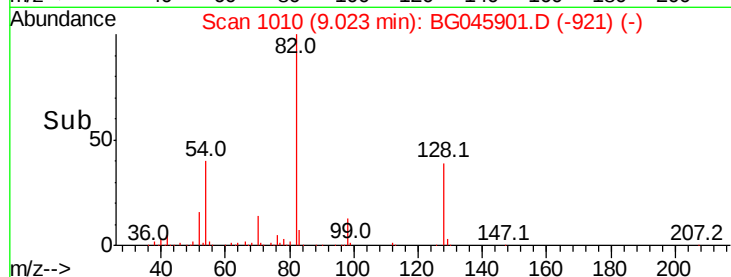
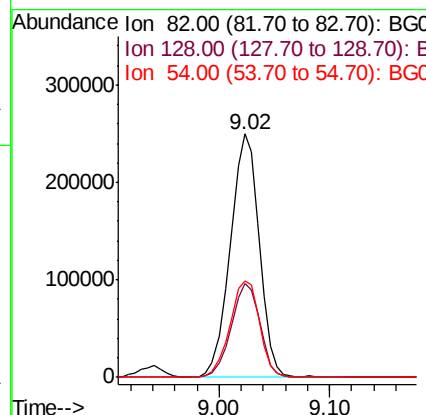
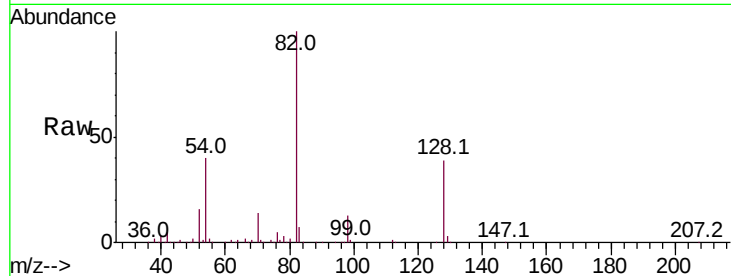




#23
Nitrobenzene-d5
Concen: 79.533 ng
RT: 9.02 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BG045901.D
Acq: 1 Jul 2020 11:43

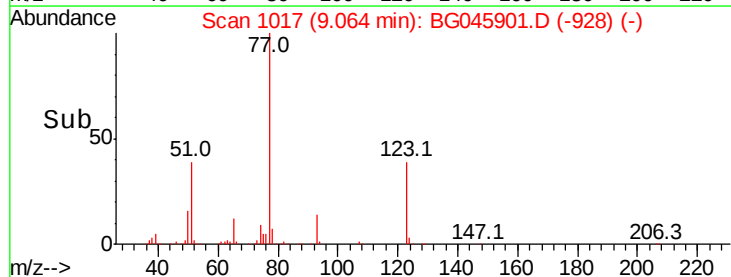
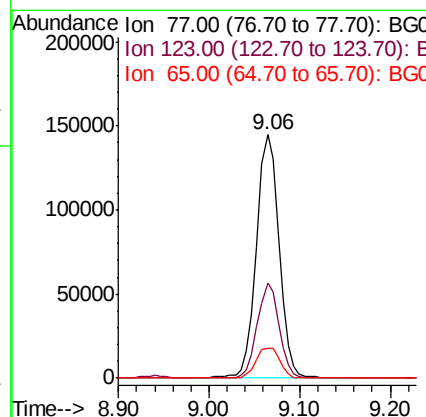
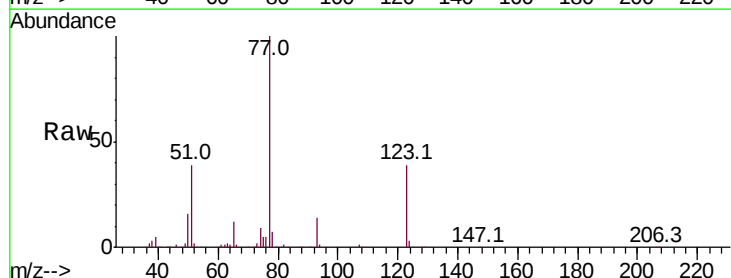
Instrument :
BNA_G
ClientSampleId :
CL-01-062420MS

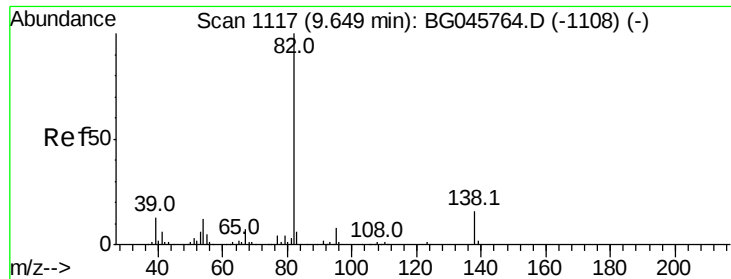
Tot Ion: 82 Resp: 457246
Ion Ratio Lower Upper
82 100
128 38.6 31.3 46.9
54 39.9 32.6 49.0



#24
Nitrobenzene
Concen: 40.953 ng
RT: 9.06 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BG045901.D
Acq: 1 Jul 2020 11:43

Tgt Ion: 77 Resp: 251043
Ion Ratio Lower Upper
77 100
123 39.3 30.3 45.5
65 12.3 10.3 15.5

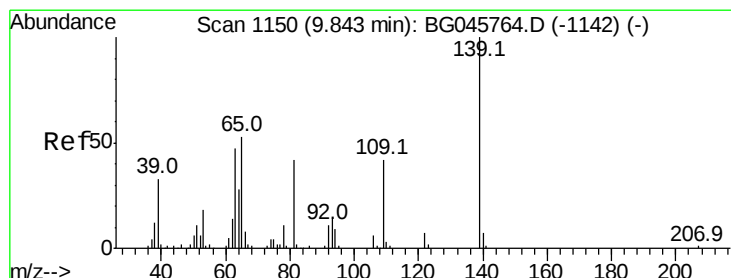
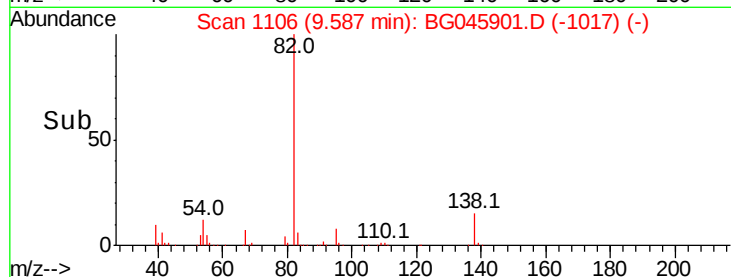
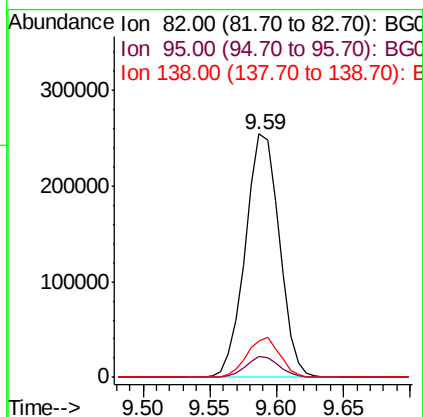
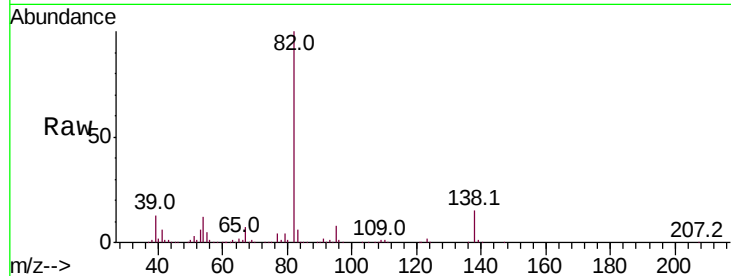




#25
Isophorone
Concen: 40.222 ng
RT: 9.59 min Scan# 1106
Delta R.T. -0.00 min
Lab File: BG045901.D
Acq: 1 Jul 2020 11:43

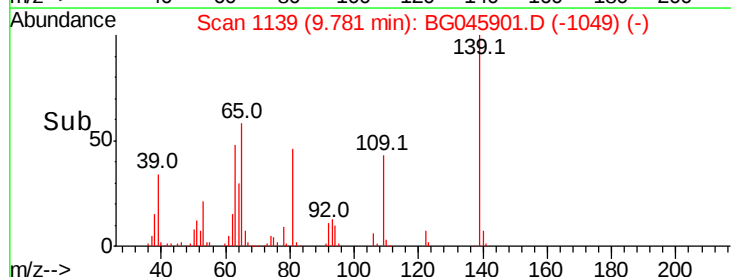
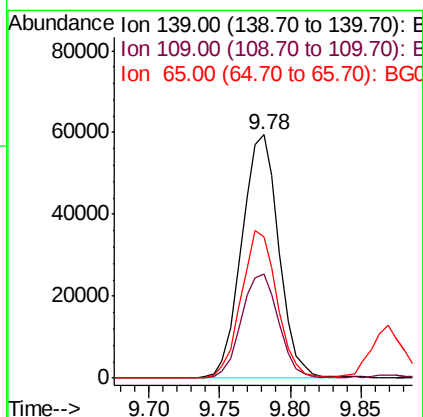
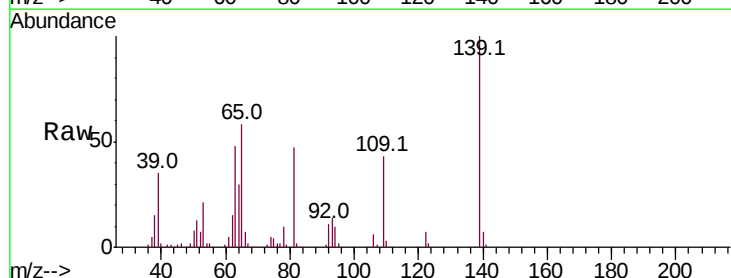
Instrument :
BNA_G
ClientSampleId :
CL-01-062420MS

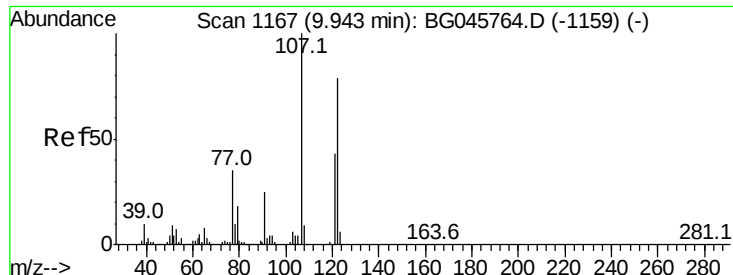
Tot Ion: 82 Resp: 447666
Ion Ratio Lower Upper
82 100
95 8.3 6.5 9.7
138 15.1 13.4 20.2



#26
2-Nitrophenol
Concen: 42.762 ng
RT: 9.78 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BG045901.D
Acq: 1 Jul 2020 11:43

Tgt Ion: 139 Resp: 109208
Ion Ratio Lower Upper
139 100
109 42.8 32.4 48.6
65 58.0 47.8 71.6

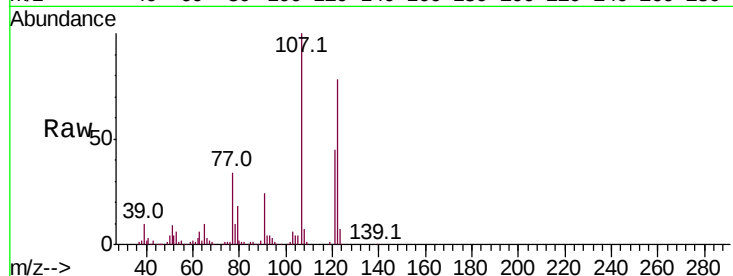




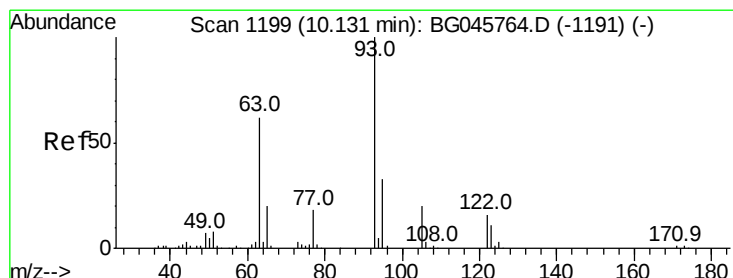
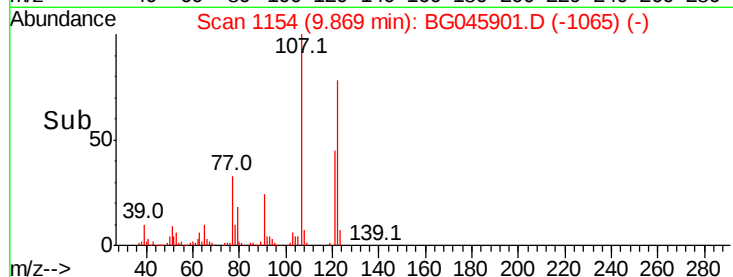
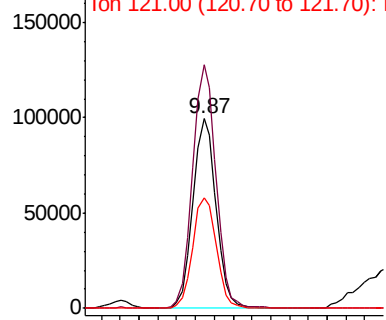
#27
2,4-Dimethylphenol
Concen: 44.057 ng
RT: 9.87 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BG045901.D
Acq: 1 Jul 2020 11:43

Instrument :
BNA_G
ClientSampleId :
CL-01-062420MS

Tot Ion:122 Resp: 171780
Ion Ratio Lower Upper
122 100
107 128.4 103.1 154.7
121 58.0 47.1 70.7

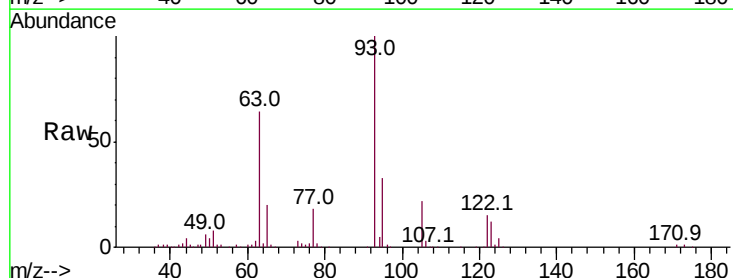


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

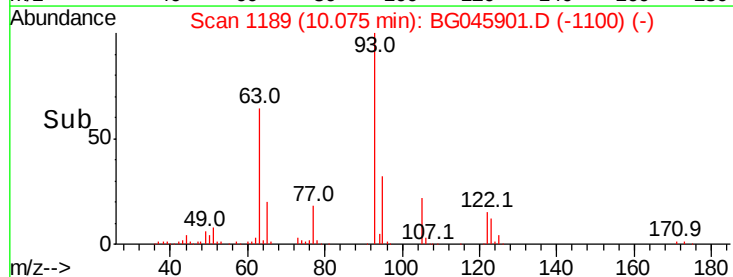
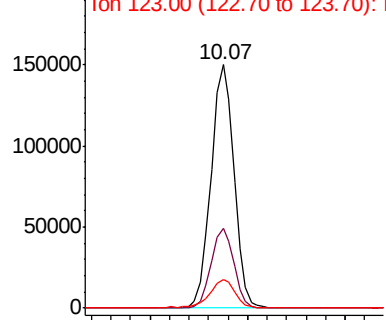


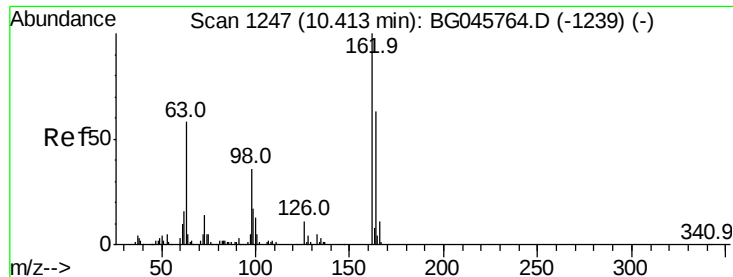
#28
bis(2-Chloroethoxy)methane
Concen: 42.464 ng
RT: 10.07 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BG045901.D
Acq: 1 Jul 2020 11:43

Tgt Ion: 93 Resp: 246875
Ion Ratio Lower Upper
93 100
95 32.6 25.0 37.6
123 12.0 9.4 14.0



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

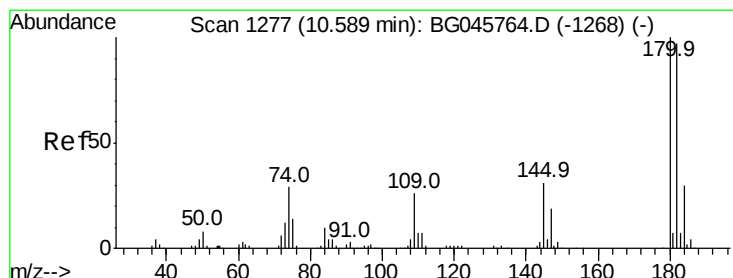
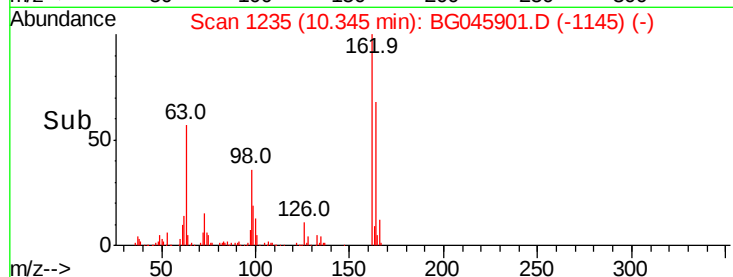
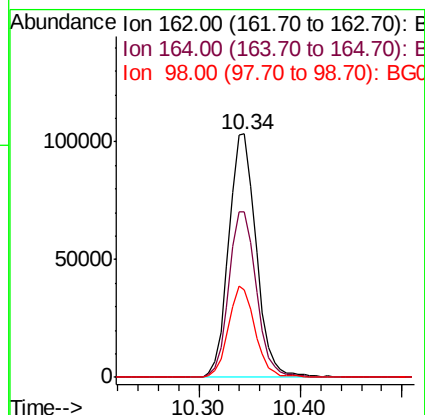
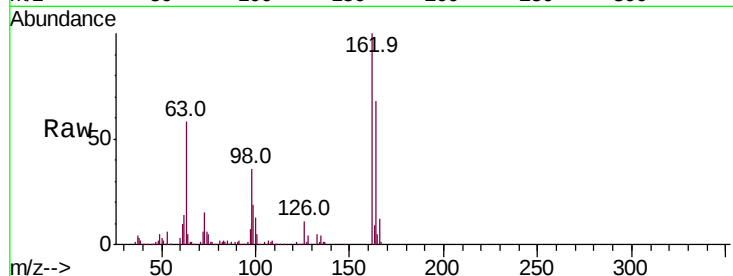




#29
 2,4-Dichlorophenol
 Concen: 42.783 ng
 RT: 10.34 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: BG045901.D
 Acq: 1 Jul 2020 11:43

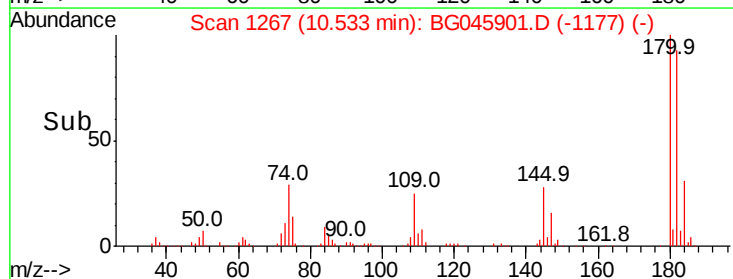
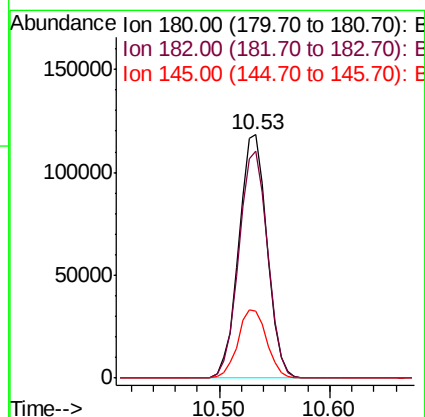
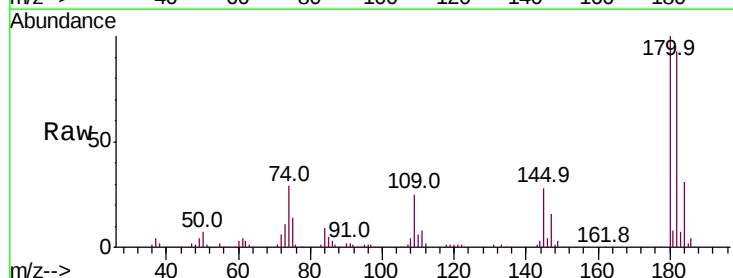
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-062420MS

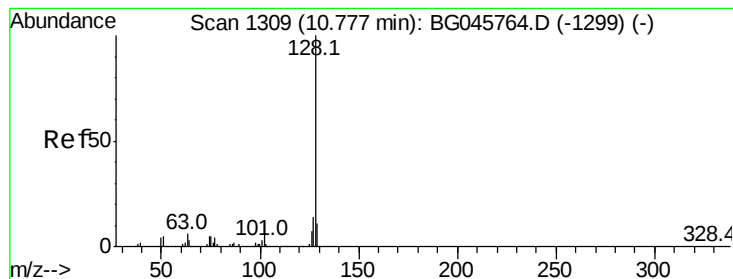
Tot Ion	Ratio	Lower	Upper
162	100		
164	68.1	50.3	90.3
98	36.1	16.9	56.9



#30
 1,2,4-Trichlorobenzene
 Concen: 39.684 ng
 RT: 10.53 min Scan# 1267
 Delta R.T. 0.00 min
 Lab File: BG045901.D
 Acq: 1 Jul 2020 11:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	75.0	112.4
145	27.6	22.9	34.3





#31

Naphthalene

Concen: 41.103 ng

RT: 10.71 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BG045901.D

Acq: 1 Jul 2020 11:43

Instrument :

BNA_G

ClientSampleId :

CL-01-062420MS

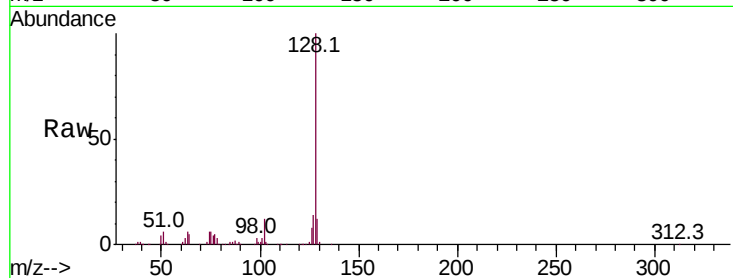
Tot Ion:128 Resp: 590192

Ion Ratio Lower Upper

128 100

129 11.7 9.8 14.8

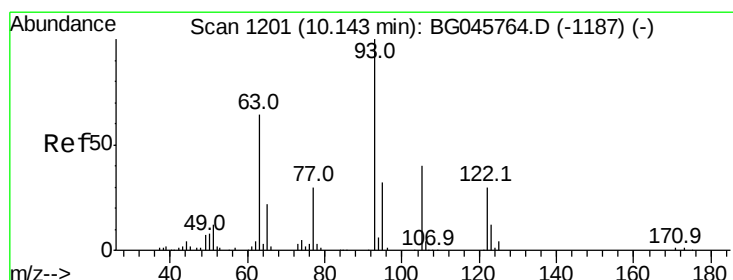
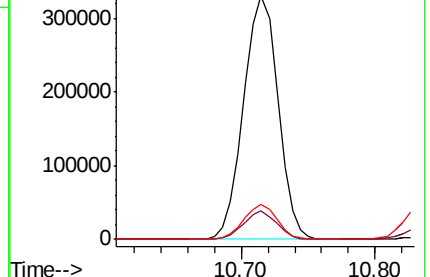
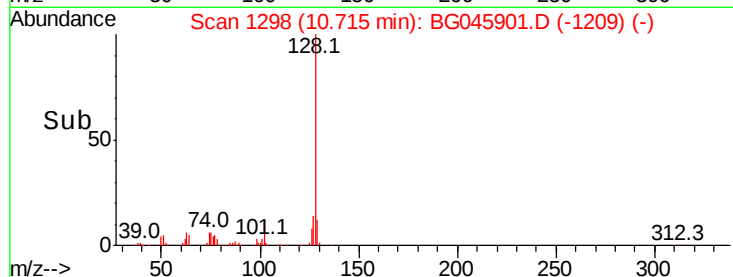
127 14.2 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 36.638 ng

RT: 10.07 min Scan# 1189

Delta R.T. 0.01 min

Lab File: BG045901.D

Acq: 1 Jul 2020 11:43

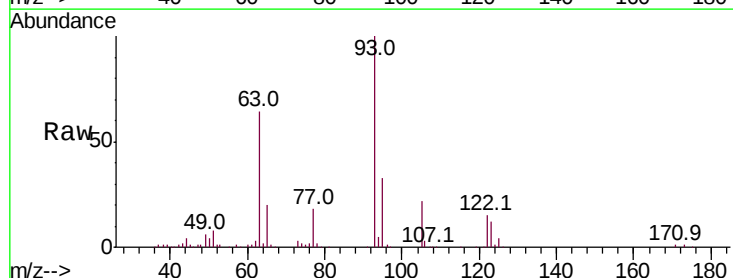
Tgt Ion:122 Resp: 86036

Ion Ratio Lower Upper

122 100

105 143.9 110.1 150.1

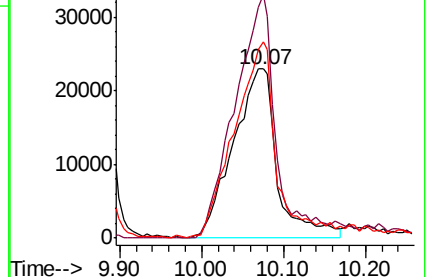
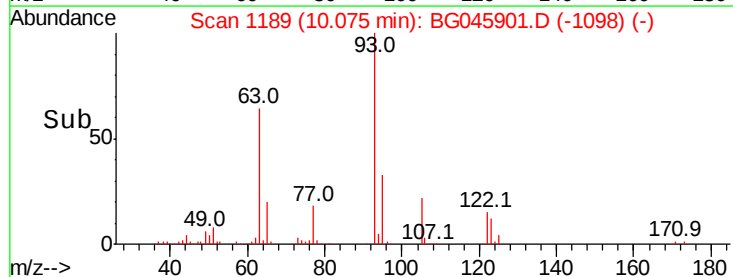
77 116.3 94.1 134.1

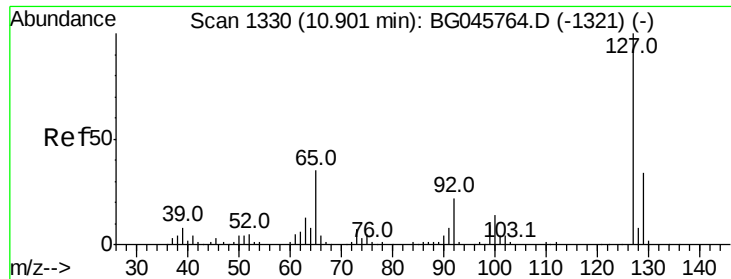


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

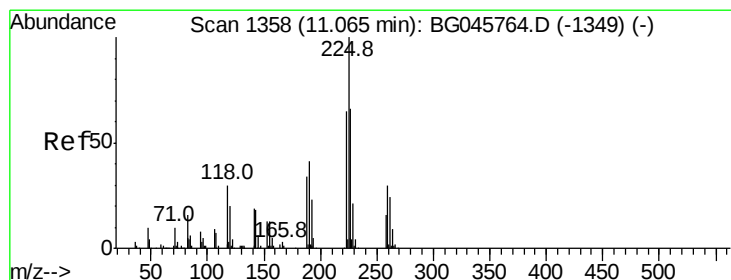
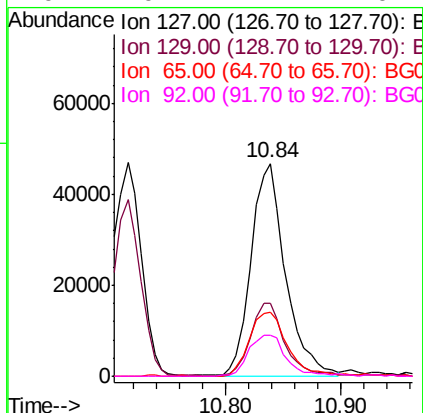
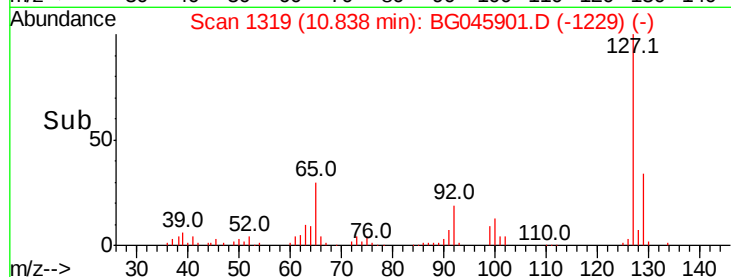
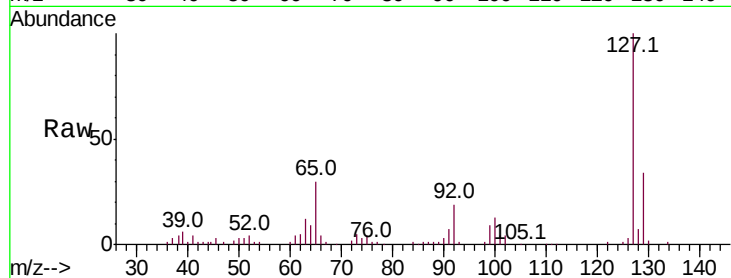




#33
4-Chloroaniline
Concen: 16.212 ng
RT: 10.84 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BG045901.D
Acq: 1 Jul 2020 11:43

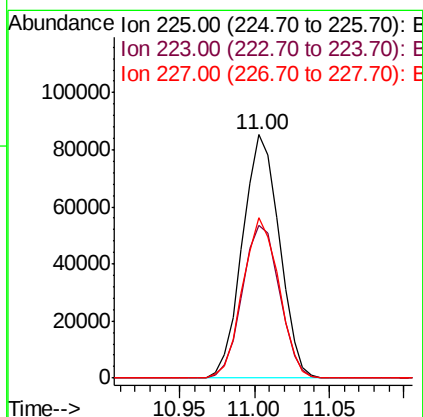
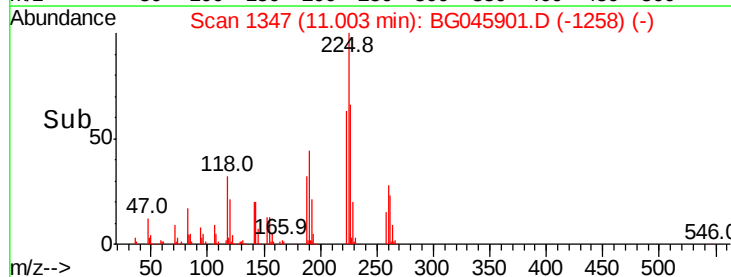
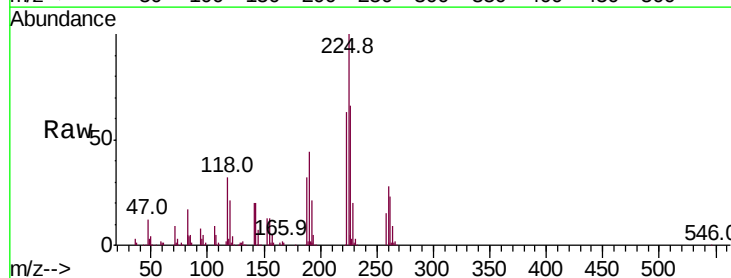
Instrument :
BNA_G
ClientSampleId :
CL-01-062420MS

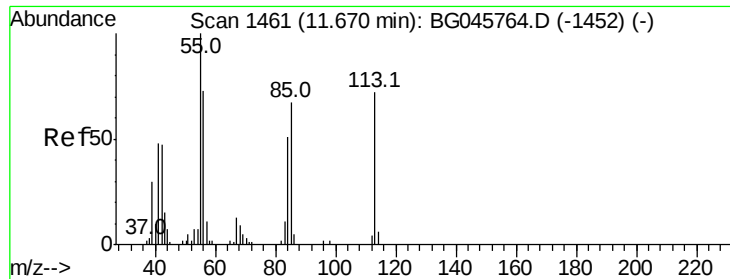
Tot Ion:	127	Resp:	97483
Ion	Ratio	Lower	Upper
127	100		
129	34.3	24.5	36.7
65	29.9	25.4	38.2
92	19.1	17.4	26.2



#34
Hexachlorobutadiene
Concen: 38.022 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BG045901.D
Acq: 1 Jul 2020 11:43

Tgt Ion:	225	Resp:	145625
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.6	76.0
227	65.8	53.6	80.4





#35

Caprolactam

Concen: 17.899 ng

RT: 11.62 min Scan# 1452

Delta R.T. 0.01 min

Lab File: BG045901.D

Acq: 1 Jul 2020 11:43

Instrument :

BNA_G

ClientSampleId :

CL-01-062420MS

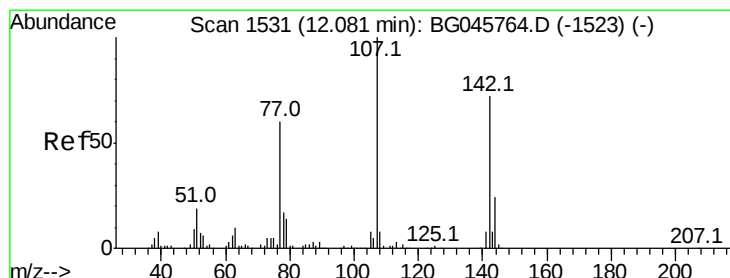
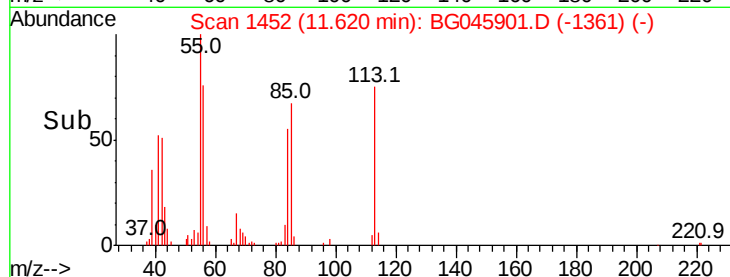
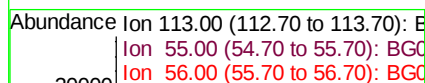
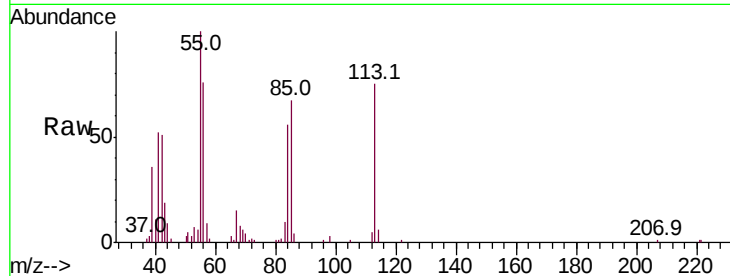
Tot Ion:113 Resp: 26349

Ion Ratio Lower Upper

113 100

55 133.1 126.8 166.8

56 101.2 95.8 135.8



#36

4-Chloro-3-methylphenol

Concen: 43.329 ng

RT: 12.01 min Scan# 1518

Delta R.T. 0.00 min

Lab File: BG045901.D

Acq: 1 Jul 2020 11:43

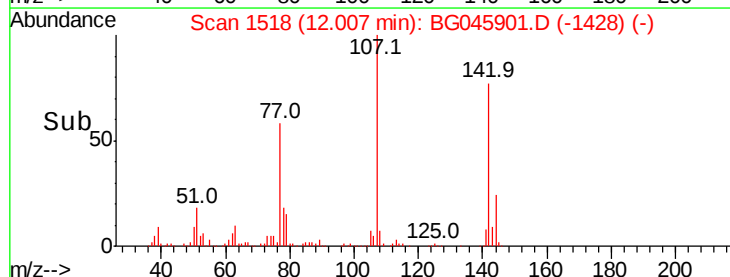
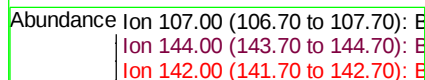
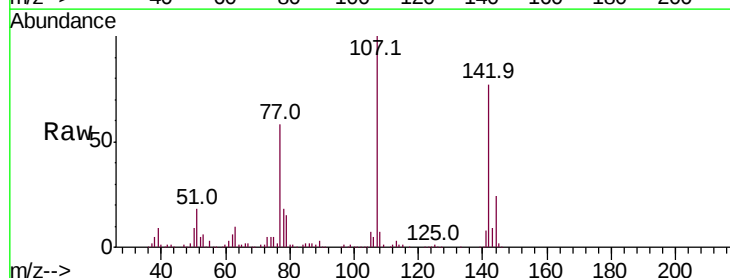
Tgt Ion:107 Resp: 227580

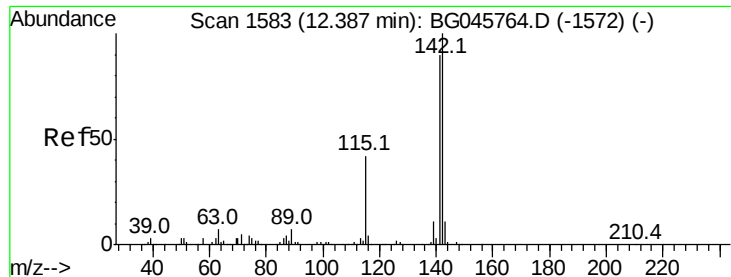
Ion Ratio Lower Upper

107 100

144 23.7 19.4 29.2

142 77.0 60.1 90.1

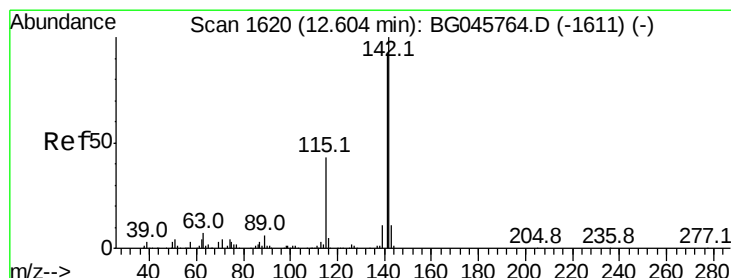
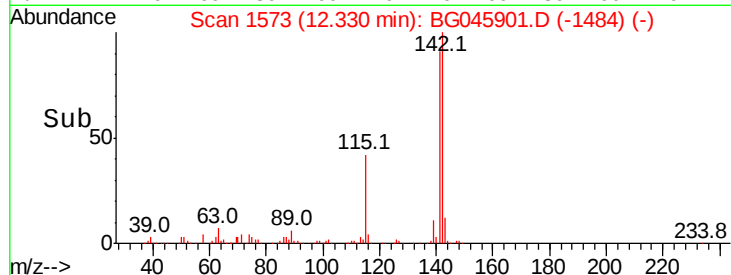
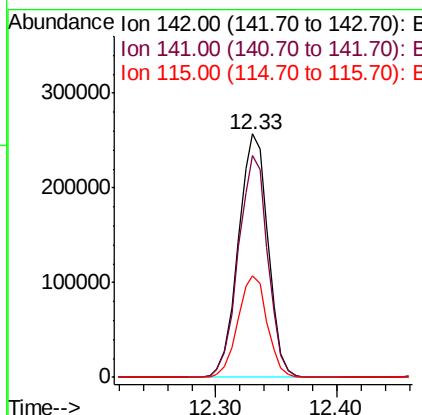
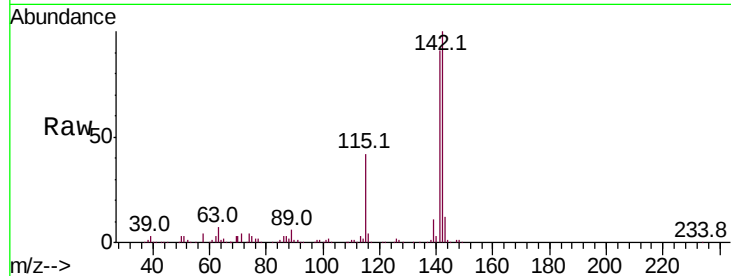




#37
2-Methylnaphthalene
Concen: 41.199 ng
RT: 12.33 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BG045901.D
Acq: 1 Jul 2020 11:43

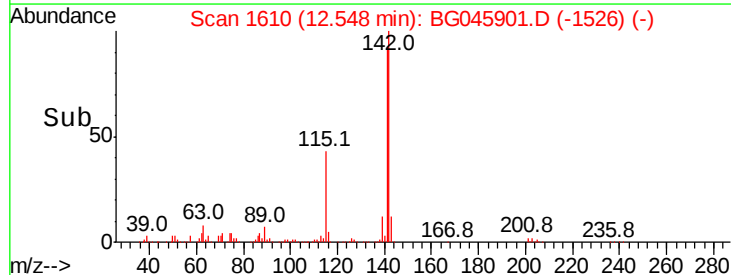
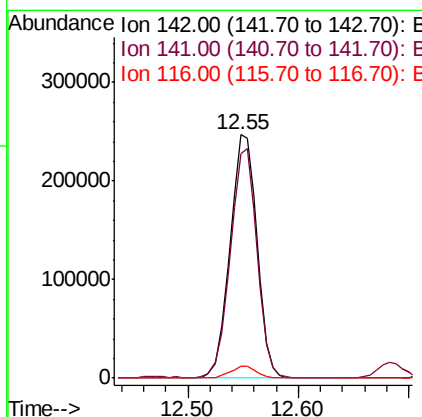
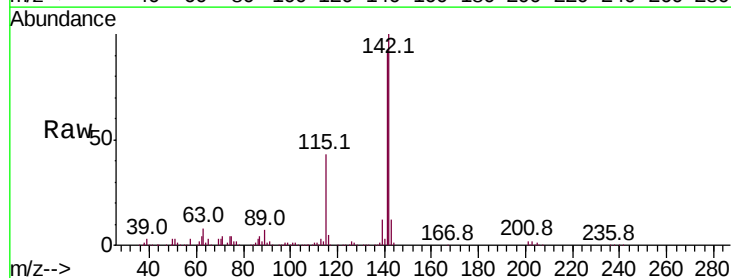
Instrument :
BNA_G
ClientSampleId :
CL-01-062420MS

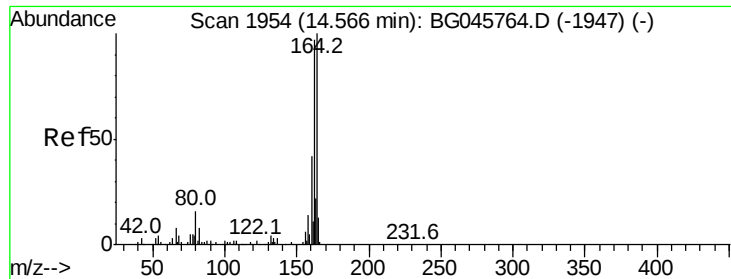
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.1	70.3	105.5
115	41.5	32.4	48.6



#38
1-Methylnaphthalene
Concen: 41.755 ng
RT: 12.55 min Scan# 1610
Delta R.T. -0.00 min
Lab File: BG045901.D
Acq: 1 Jul 2020 11:43

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.0	109.4
116	4.7	3.4	5.2

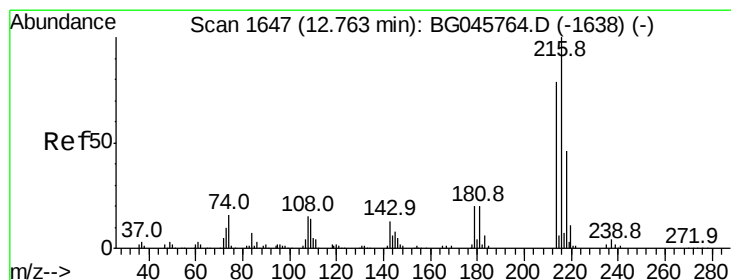
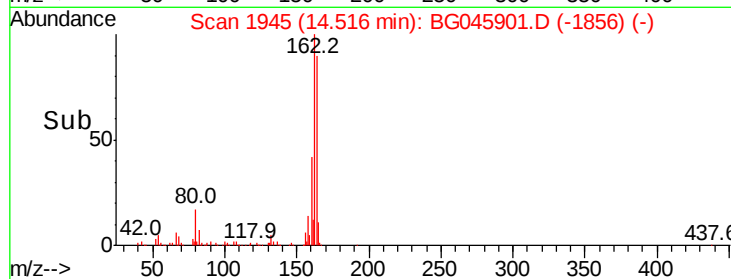
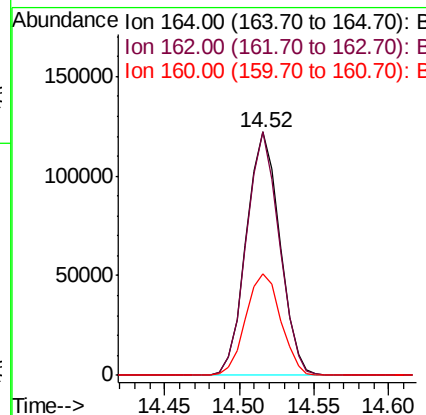
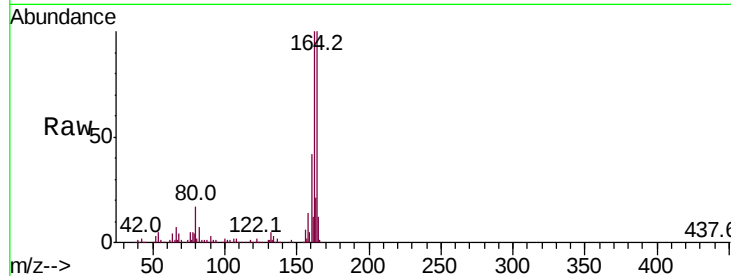




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.52 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG045901.D
Acq: 1 Jul 2020 11:43

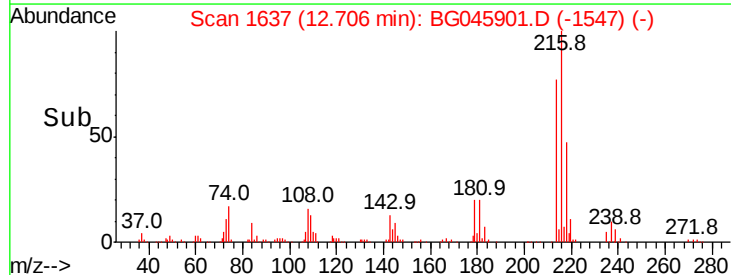
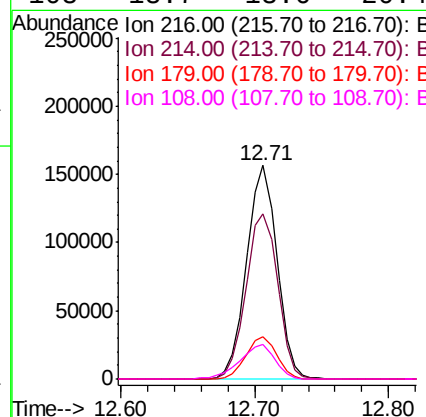
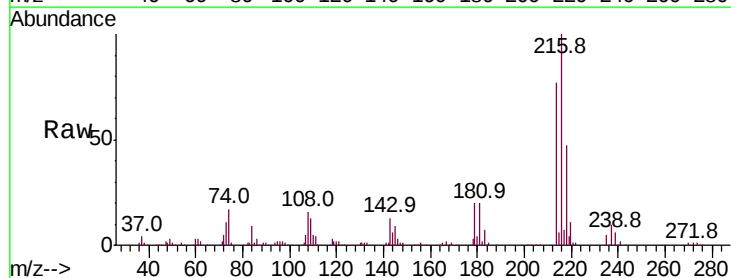
Instrument :
BNA_G
ClientSampleId :
CL-01-062420MS

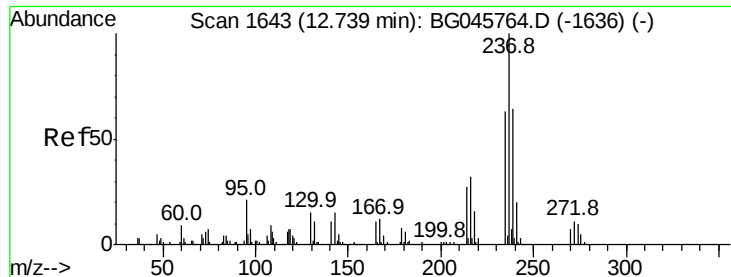
Tot Ion	Ratio	Lower	Upper
164	100		
162	99.9	80.6	120.8
160	41.9	35.0	52.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.307 ng
RT: 12.71 min Scan# 1637
Delta R.T. 0.00 min
Lab File: BG045901.D
Acq: 1 Jul 2020 11:43

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.7	62.0	93.0
179	20.0	15.7	23.5
108	18.7	13.6	20.4





#41

Hexachlorocyclopentadiene

Concen: 71.347 ng

RT: 12.68 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BG045901.D

Acq: 1 Jul 2020 11:43

Instrument :

BNA_G

ClientSampleId :

CL-01-062420MS

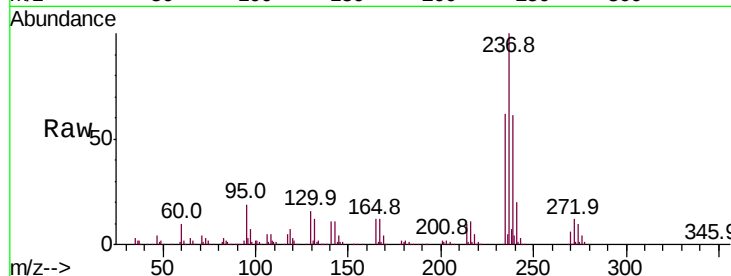
Tot Ion:237 Resp: 242712

Ion Ratio Lower Upper

237 100

235 61.7 41.3 81.3

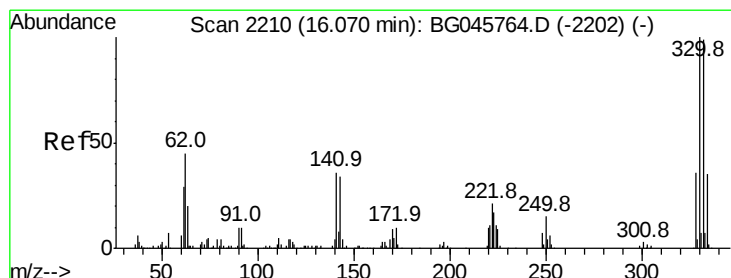
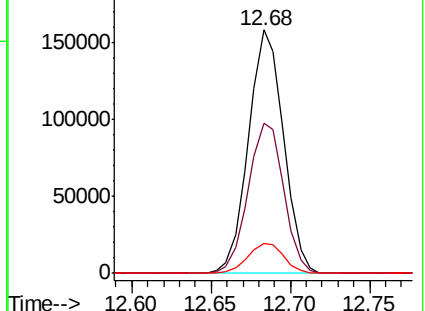
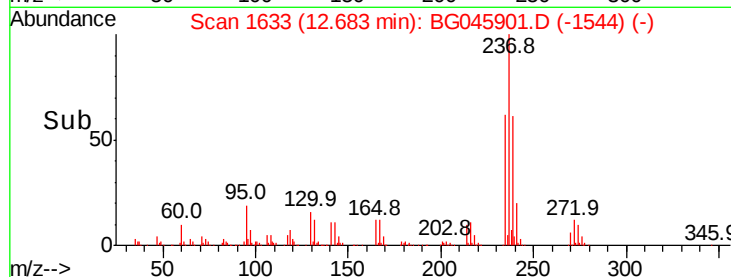
272 12.1 0.0 32.9



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: 114.593 ng

RT: 16.02 min Scan# 2201

Delta R.T. 0.00 min

Lab File: BG045901.D

Acq: 1 Jul 2020 11:43

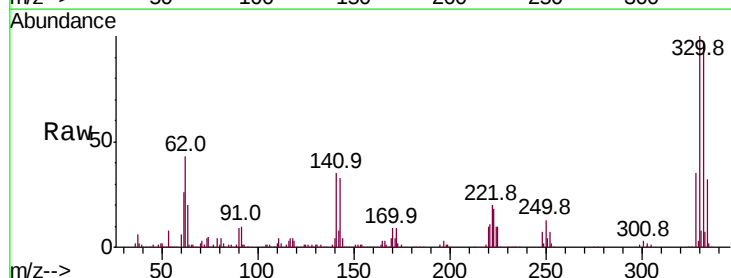
Tgt Ion:330 Resp: 328269

Ion Ratio Lower Upper

330 100

332 98.7 76.6 114.8

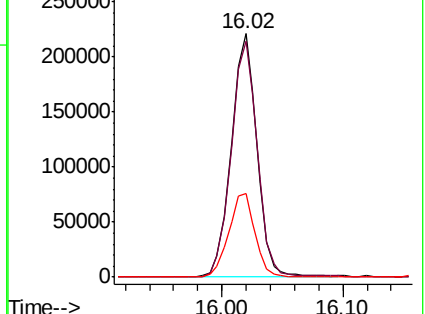
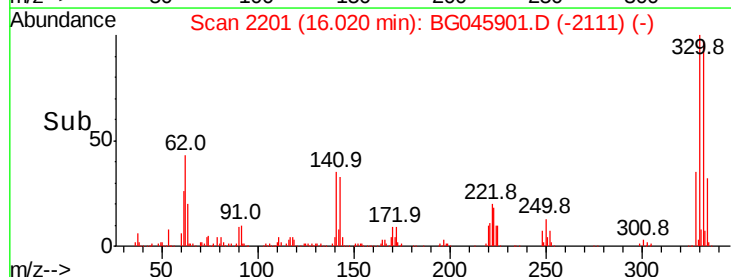
141 35.1 27.7 41.5

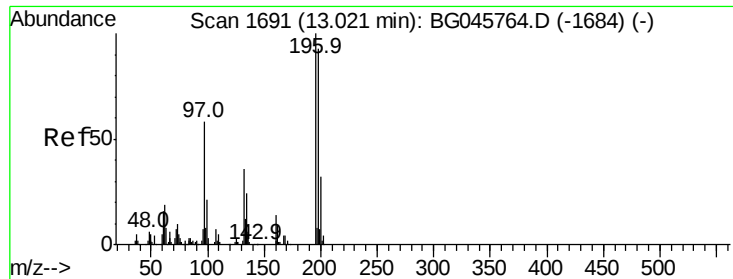


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

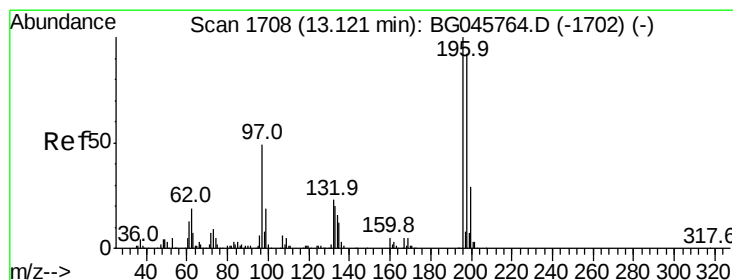
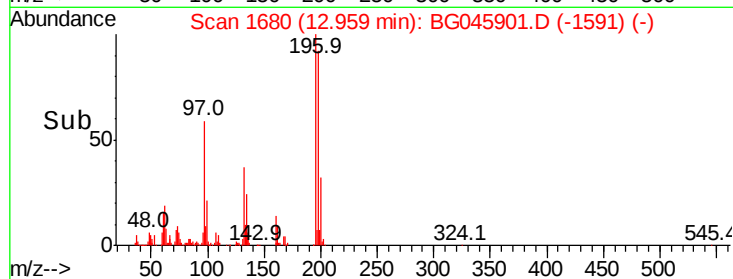
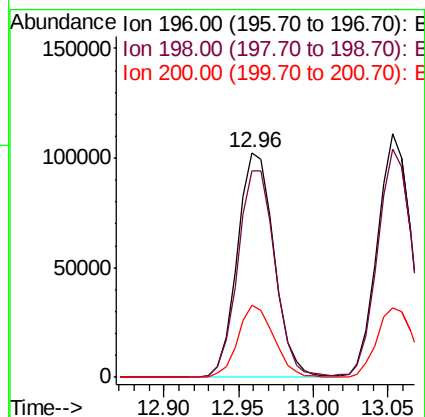
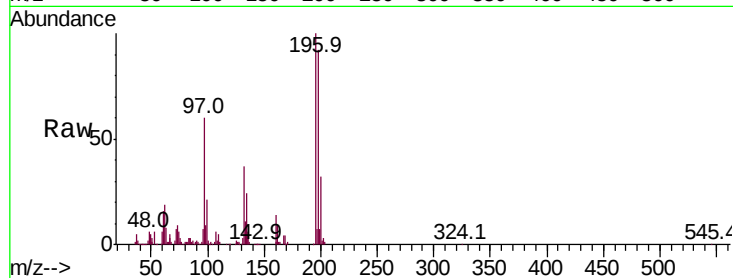




#43
 2,4,6-Trichlorophenol
 Concen: 41.483 ng
 RT: 12.96 min Scan# 1680
 Delta R.T. -0.00 min
 Lab File: BG045901.D
 Acq: 1 Jul 2020 11:43

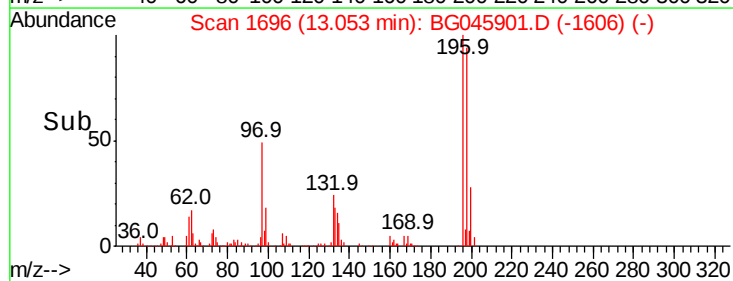
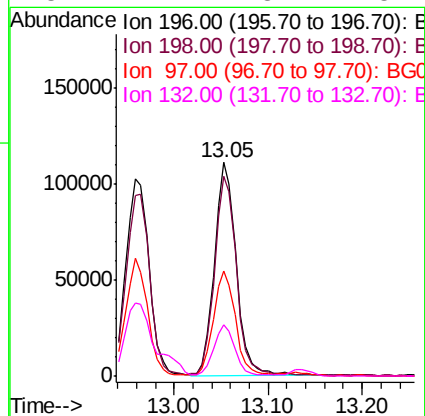
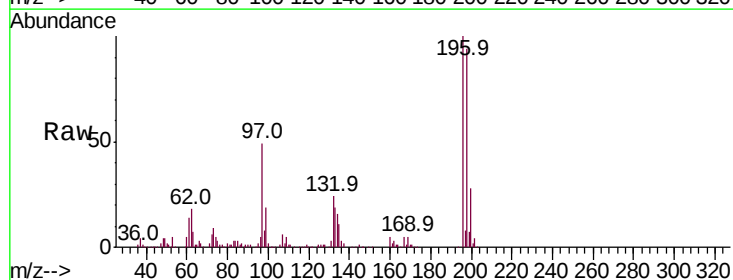
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-062420MS

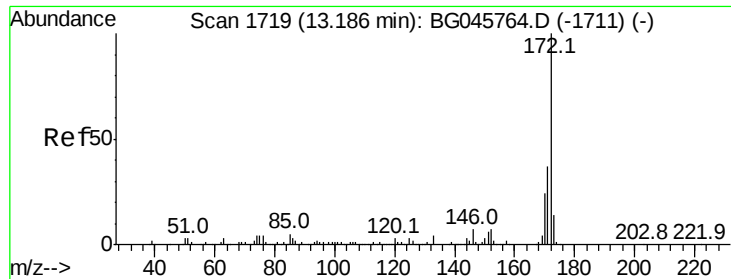
Tot Ion:196 Resp: 175722
 Ion Ratio Lower Upper
 196 100
 198 91.5 73.4 110.0
 200 31.8 23.4 35.0



#44
 2,4,5-Trichlorophenol
 Concen: 37.409 ng
 RT: 13.05 min Scan# 1696
 Delta R.T. 0.00 min
 Lab File: BG045901.D
 Acq: 1 Jul 2020 11:43

Tgt Ion:196 Resp: 180608
 Ion Ratio Lower Upper
 196 100
 198 93.8 71.8 107.8
 97 49.2 37.8 56.8
 132 24.1 18.7 28.1

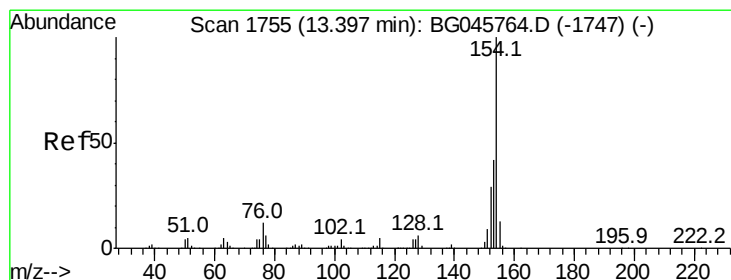
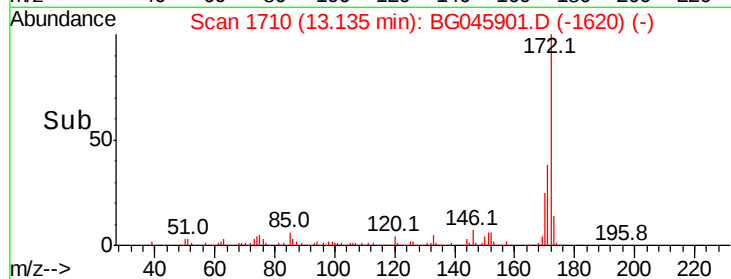
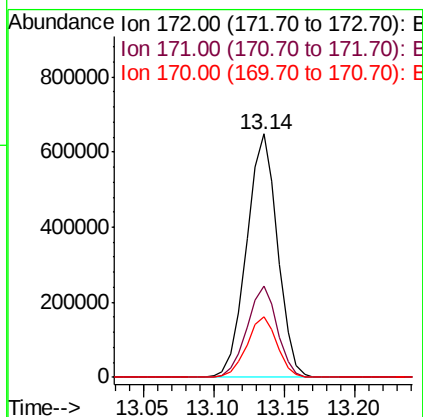
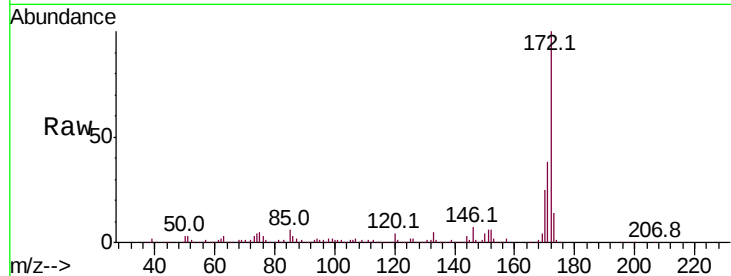




#45
2-Fluorobiphenyl
Concen: 76.985 ng
RT: 13.14 min Scan# 1710
Delta R.T. 0.00 min
Lab File: BG045901.D
Acq: 1 Jul 2020 11:43

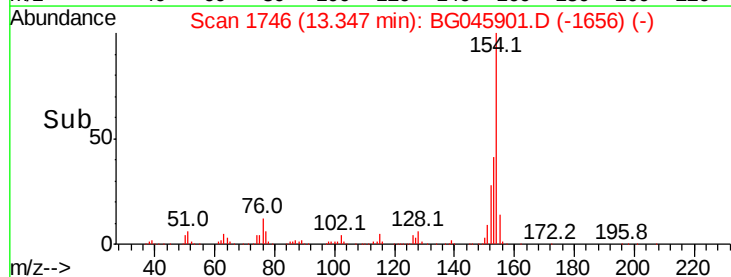
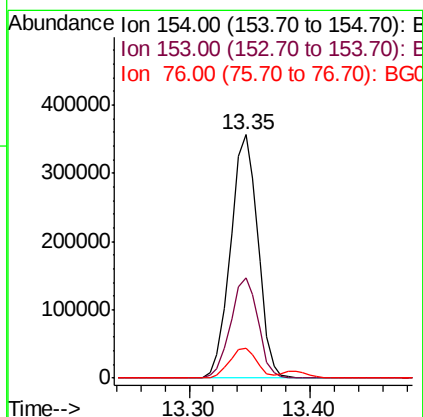
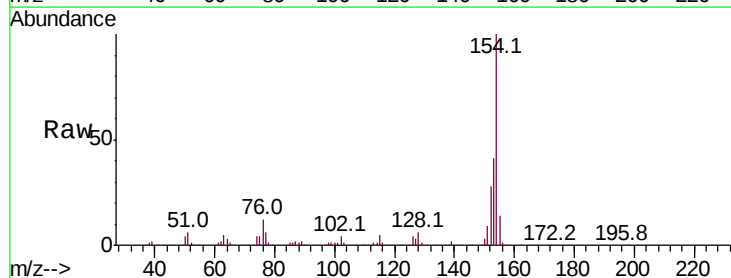
Instrument :
BNA_G
ClientSampleId :
CL-01-062420MS

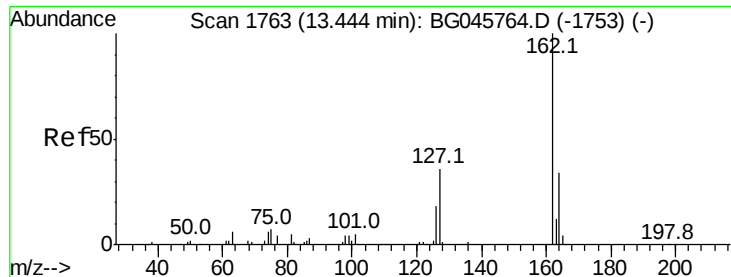
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.6	28.9	43.3
170	24.6	19.1	28.7



#46
1,1'-Biphenyl
Concen: 41.254 ng
RT: 13.35 min Scan# 1746
Delta R.T. 0.00 min
Lab File: BG045901.D
Acq: 1 Jul 2020 11:43

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.5	60.5
76	12.1	0.0	32.6





#47

2-Chloronaphthalene

Concen: 39.607 ng

RT: 13.39 min Scan# 1753

Delta R.T. 0.00 min

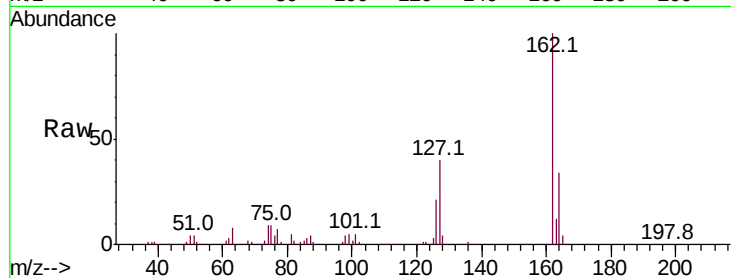
Lab File: BG045901.D

Acq: 1 Jul 2020 11:43

Instrument :
BNA_G
ClientSampleId :
CL-01-062420MS

Tot Ion:162 Resp: 434628

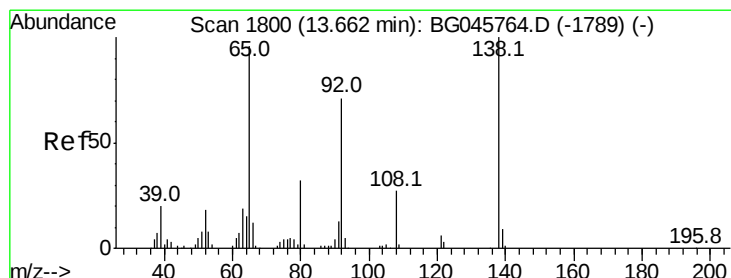
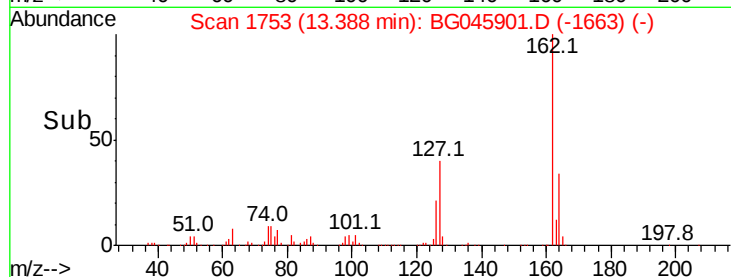
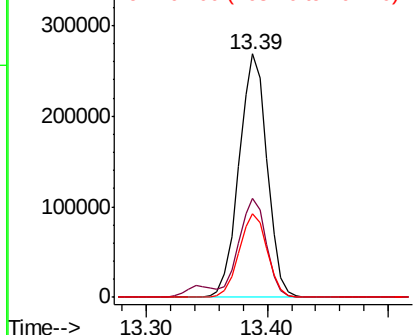
Ion	Ratio	Lower	Upper
162	100		
127	40.4	31.8	47.8
164	34.1	27.9	41.9



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 42.129 ng

RT: 13.61 min Scan# 1790

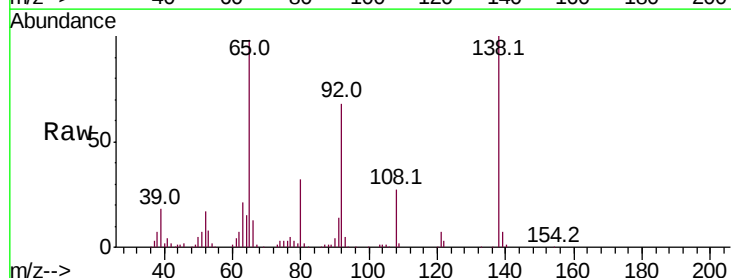
Delta R.T. 0.00 min

Lab File: BG045901.D

Acq: 1 Jul 2020 11:43

Tgt Ion: 65 Resp: 153778

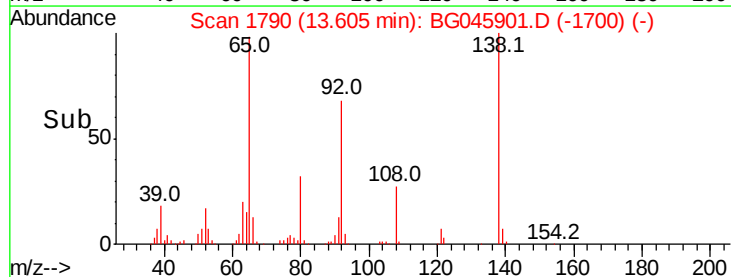
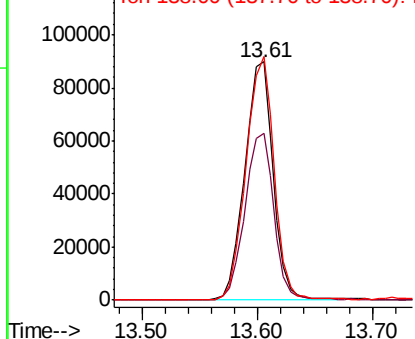
Ion	Ratio	Lower	Upper
65	100		
92	69.9	54.6	82.0
138	102.3	78.2	117.4

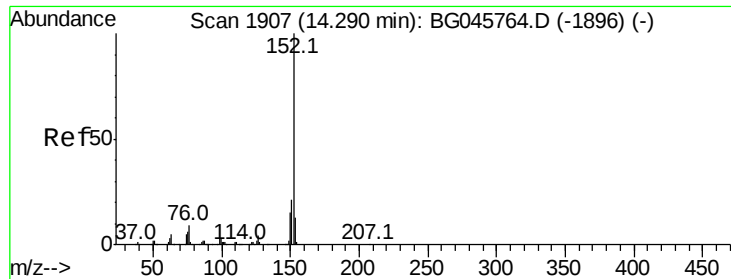


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.334 ng

RT: 14.24 min Scan# 1898

Delta R.T. 0.00 min

Lab File: BG045901.D

Acq: 1 Jul 2020 11:43

Instrument :

BNA_G

ClientSampleId :

CL-01-062420MS

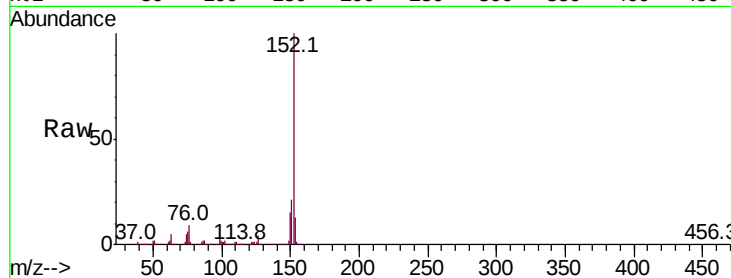
Tot Ion:152 Resp: 708943

Ion Ratio Lower Upper

152 100

151 21.1 16.5 24.7

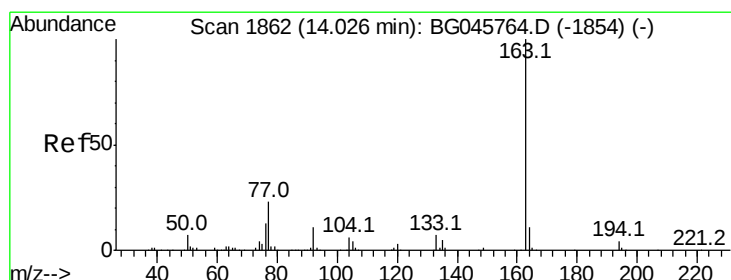
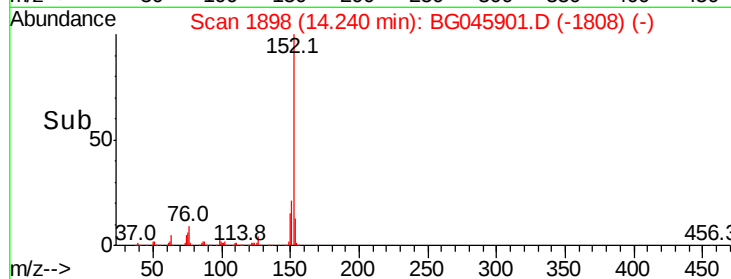
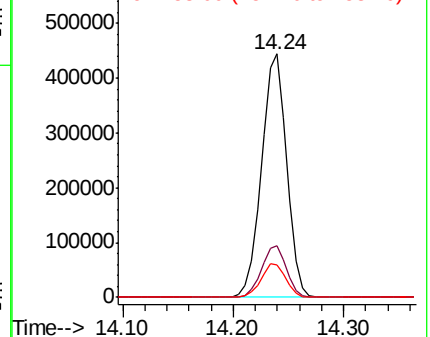
153 13.4 11.0 16.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 45.081 ng

RT: 13.98 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BG045901.D

Acq: 1 Jul 2020 11:43

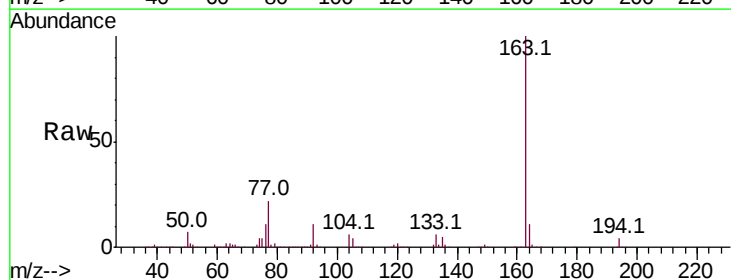
Tgt Ion:163 Resp: 670111

Ion Ratio Lower Upper

163 100

194 4.4 3.3 4.9

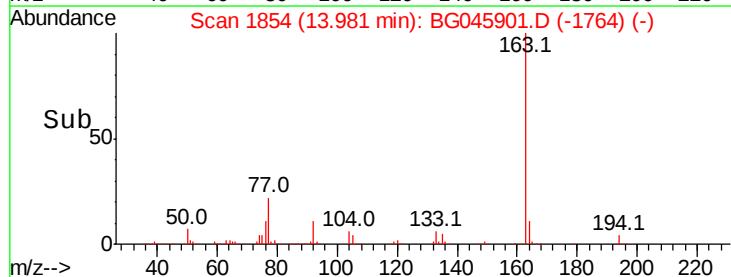
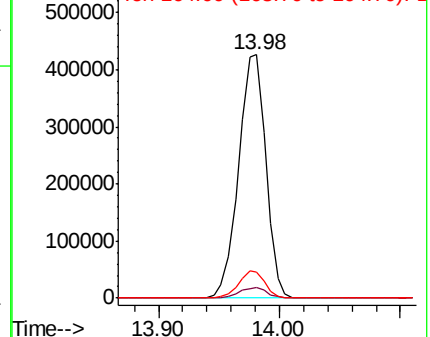
164 10.7 8.8 13.2

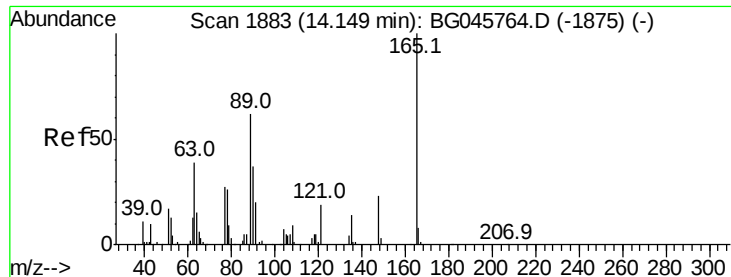


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

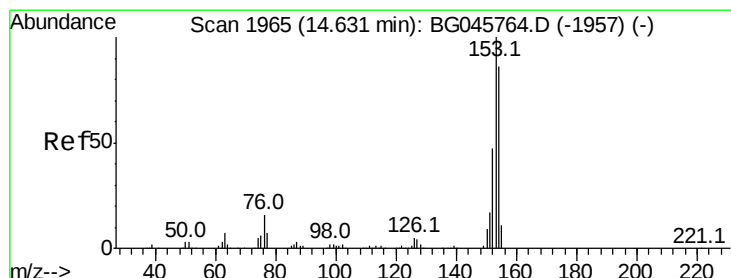
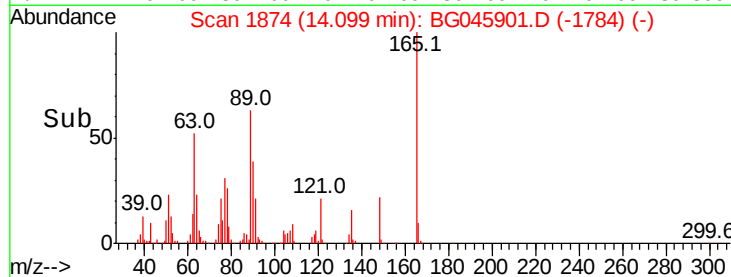
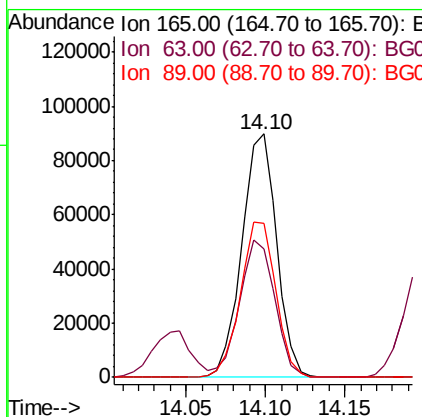
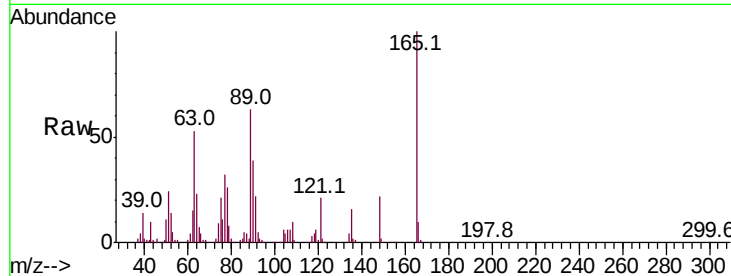




#51
2,6-Dinitrotoluene
Concen: 41.013 ng
RT: 14.10 min Scan# 1874
Delta R.T. 0.00 min
Lab File: BG045901.D
Acq: 1 Jul 2020 11:43

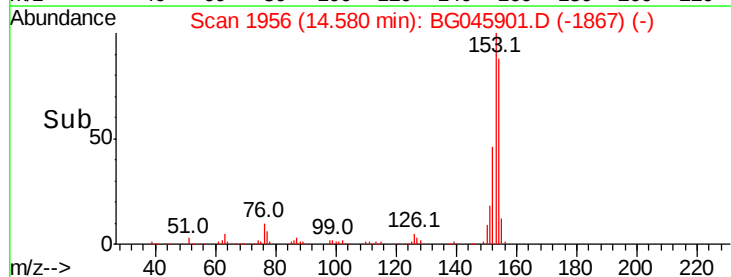
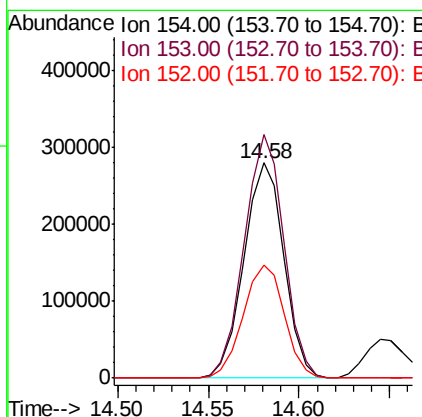
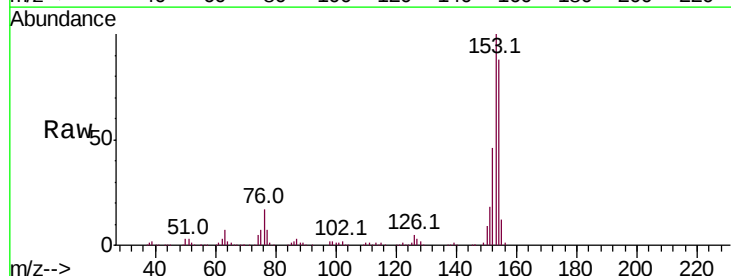
Instrument :
BNA_G
ClientSampleId :
CL-01-062420MS

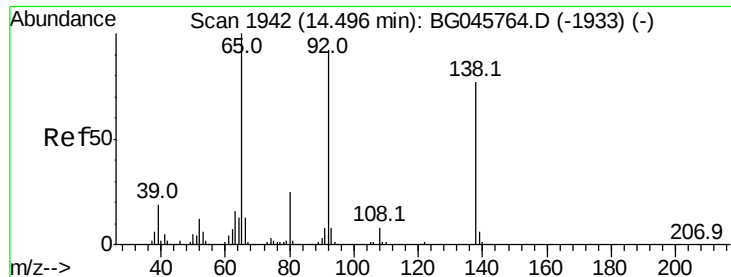
Tot Ion:165 Resp: 136928
Ion Ratio Lower Upper
165 100
63 52.5 45.6 68.4
89 63.3 52.8 79.2



#52
Acenaphthene
Concen: 40.291 ng
RT: 14.58 min Scan# 1956
Delta R.T. -0.00 min
Lab File: BG045901.D
Acq: 1 Jul 2020 11:43

Tgt Ion:154 Resp: 429264
Ion Ratio Lower Upper
154 100
153 113.3 92.4 138.6
152 52.3 41.9 62.9

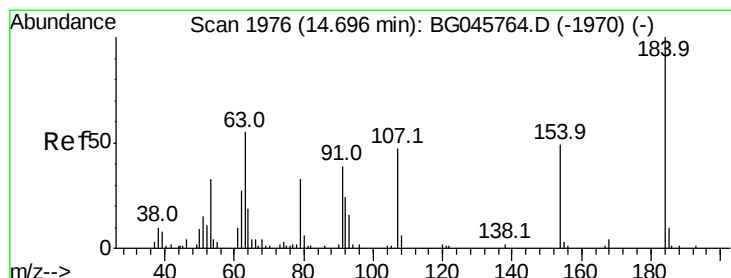
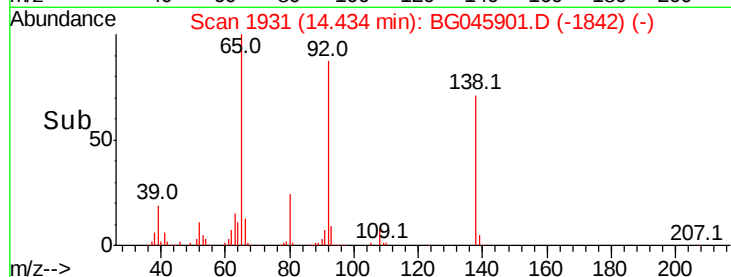
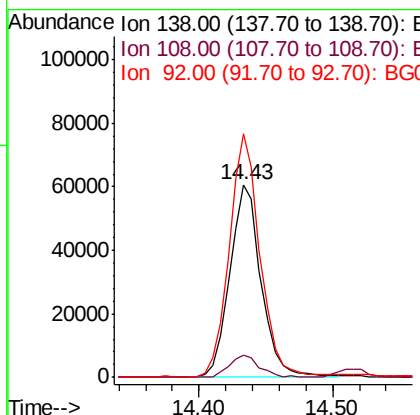
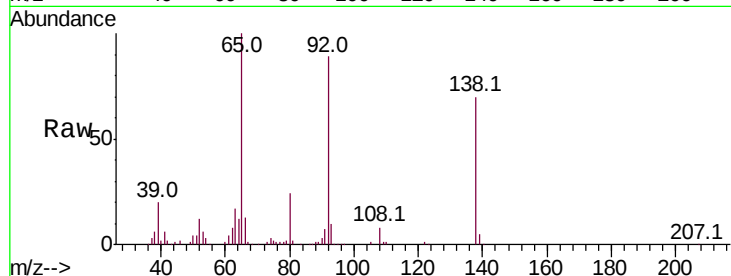




#53
3-Nitroaniline
Concen: 29.671 ng
RT: 14.43 min Scan# 1931
Delta R.T. -0.00 min
Lab File: BG045901.D
Acq: 1 Jul 2020 11:43

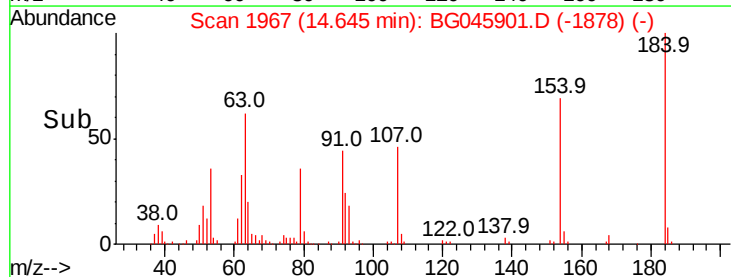
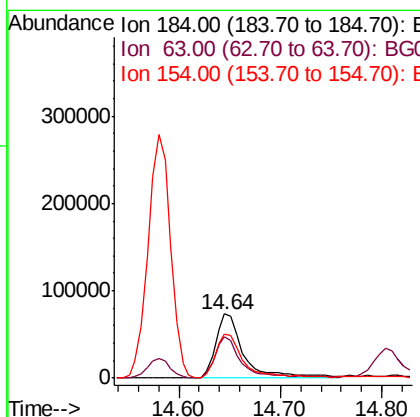
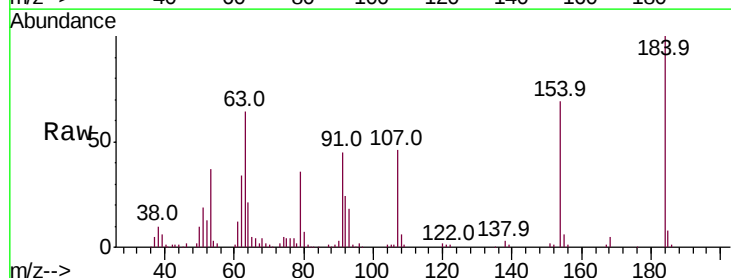
Instrument :
BNA_G
ClientSampleId :
CL-01-062420MS

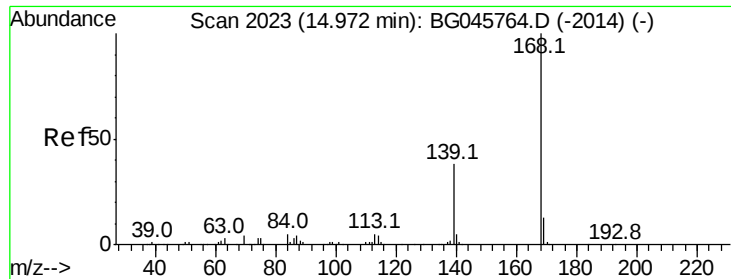
Tot Ion:138 Resp: 98946
Ion Ratio Lower Upper
138 100
108 11.3 9.3 13.9
92 126.3 101.3 151.9



#54
2,4-Dinitrophenol
Concen: 76.438 ng
RT: 14.64 min Scan# 1967
Delta R.T. -0.00 min
Lab File: BG045901.D
Acq: 1 Jul 2020 11:43

Tgt Ion:184 Resp: 141015
Ion Ratio Lower Upper
184 100
63 63.9 51.9 77.9
154 69.1 60.7 91.1





#55

Dibenzofuran

Concen: 40.379 ng

RT: 14.92 min Scan# 2013

Delta R.T. -0.00 min

Lab File: BG045901.D

Acq: 1 Jul 2020 11:43

Instrument :

BNA_G

ClientSampleId :

CL-01-062420MS

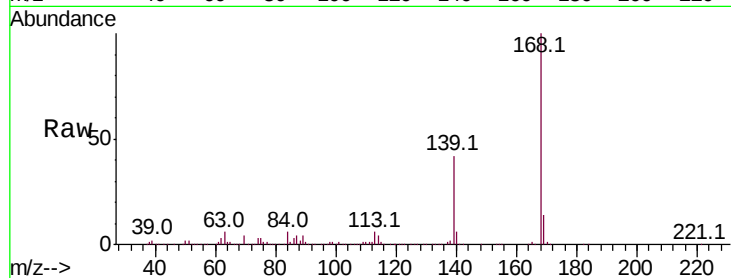
Tot Ion:168 Resp: 698867

Ion Ratio Lower Upper

168 100

139 41.7 31.4 47.2

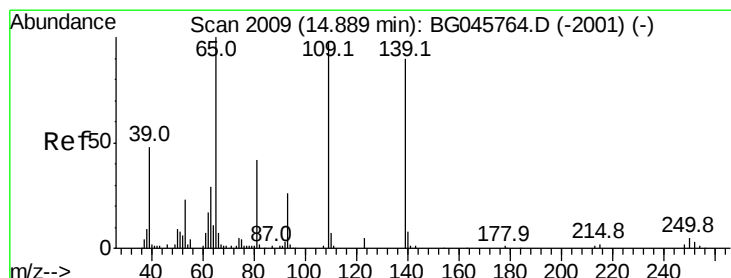
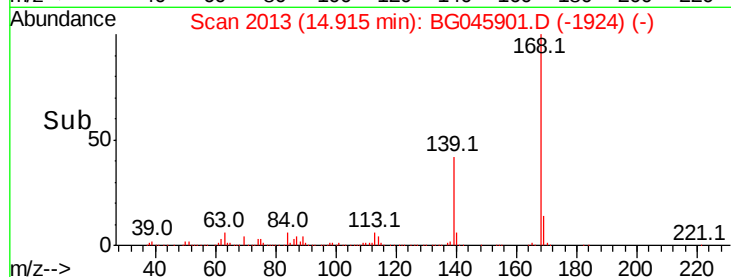
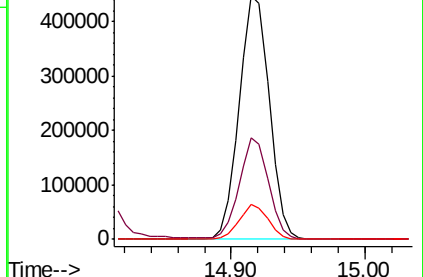
169 14.3 10.4 15.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 64.393 ng

RT: 14.80 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BG045901.D

Acq: 1 Jul 2020 11:43

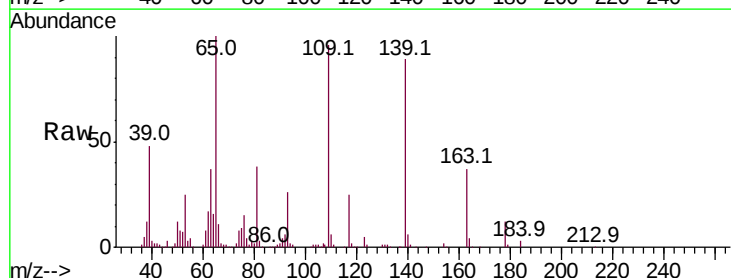
Tgt Ion:139 Resp: 151899

Ion Ratio Lower Upper

139 100

109 108.0 83.9 123.9

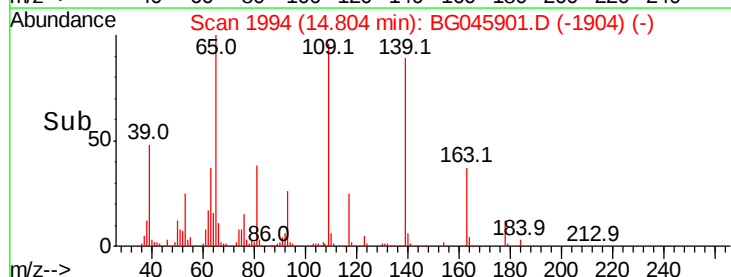
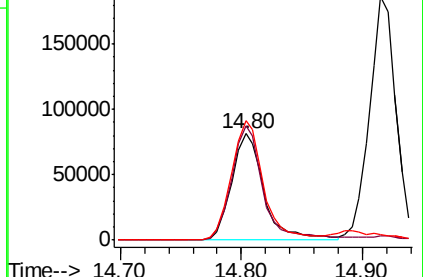
65 112.9 87.8 127.8

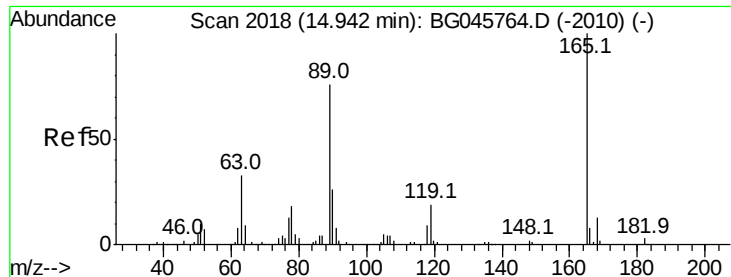


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

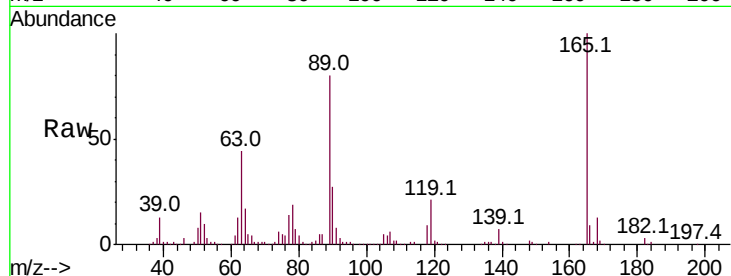




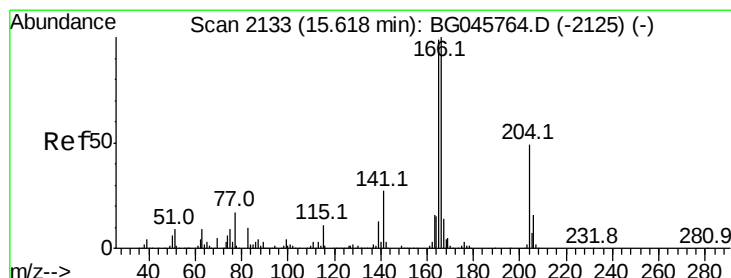
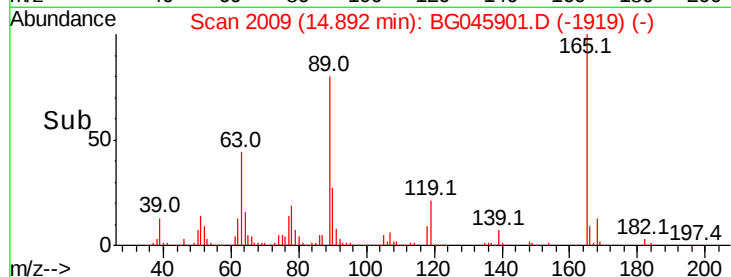
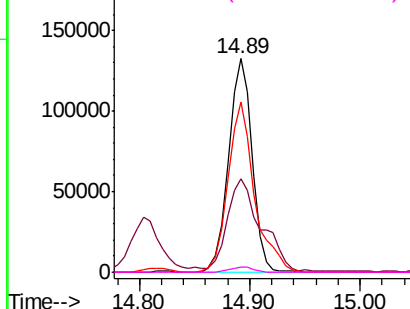
#57
2,4-Dinitrotoluene
Concen: 41.338 ng
RT: 14.89 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BG045901.D
Acq: 1 Jul 2020 11:43

Instrument :
BNA_G
ClientSampleId :
CL-01-062420MS

Tot Ion:165 Resp: 197739
Ion Ratio Lower Upper
165 100
63 43.9 35.2 52.8
89 79.7 61.4 92.2
182 2.5 2.3 3.5

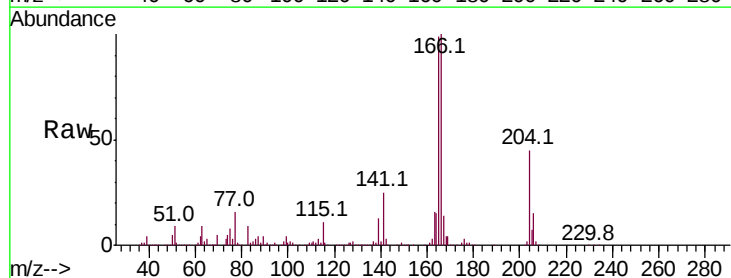


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

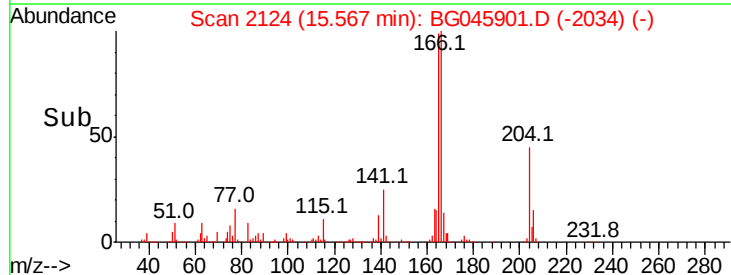
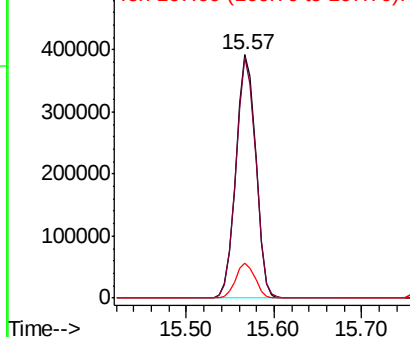


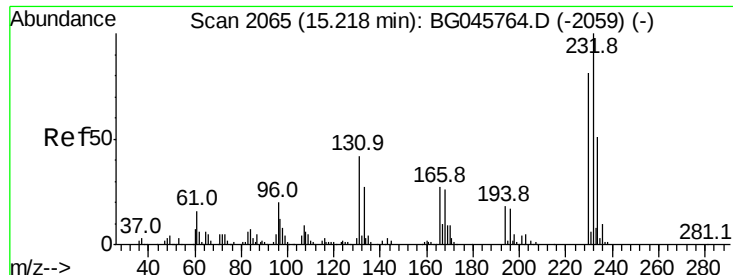
#58
Fluorene
Concen: 41.435 ng
RT: 15.57 min Scan# 2124
Delta R.T. 0.00 min
Lab File: BG045901.D
Acq: 1 Jul 2020 11:43

Tgt Ion:166 Resp: 596316
Ion Ratio Lower Upper
166 100
165 99.0 78.2 117.2
167 14.3 11.3 16.9



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

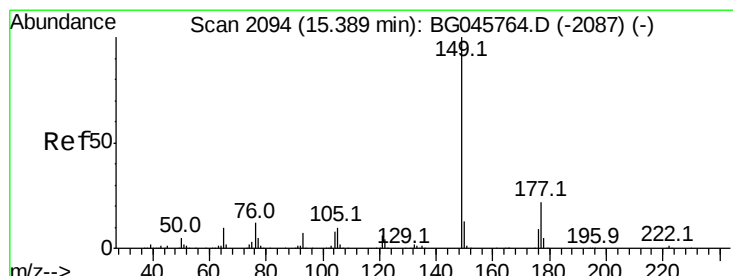
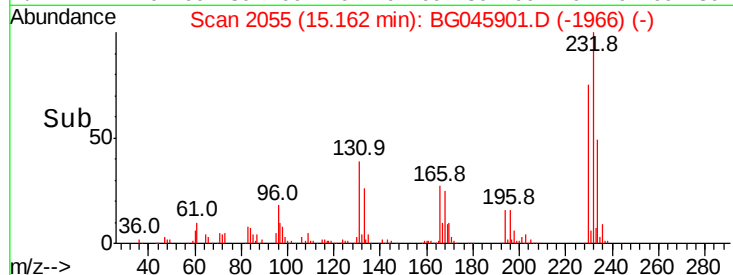
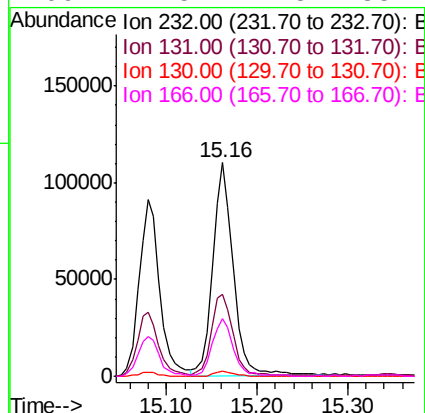
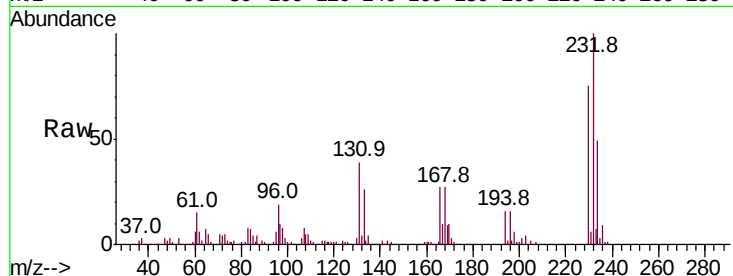




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.753 ng
 RT: 15.16 min Scan# 2055
 Delta R.T. -0.00 min
 Lab File: BG045901.D
 Acq: 1 Jul 2020 11:43

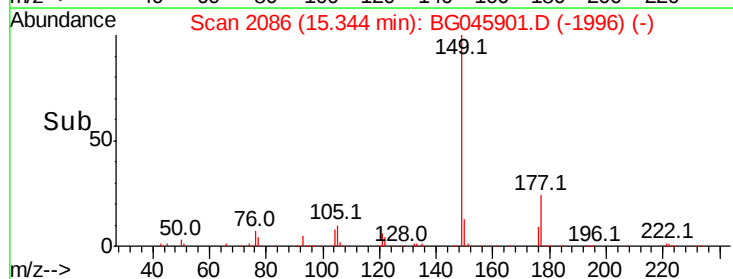
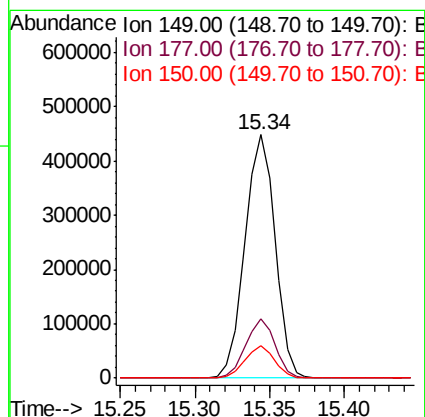
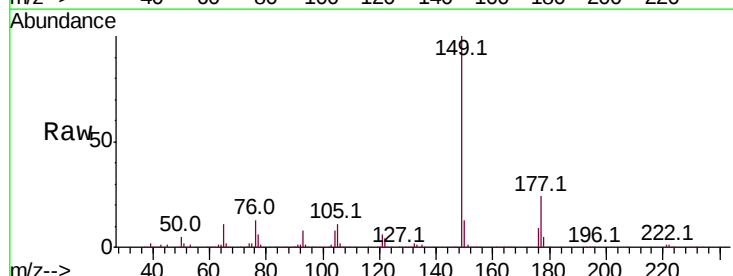
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-062420MS

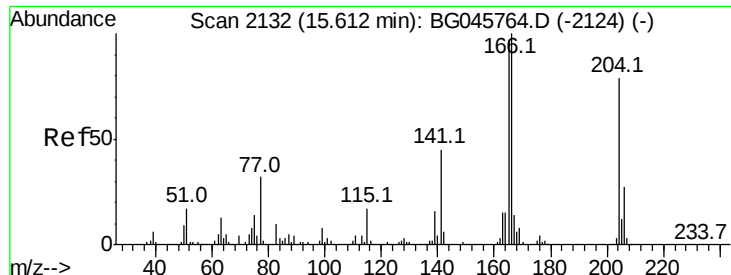
Tot Ion:232	Resp:	170766
Ion	Ratio	Lower Upper
232	100	
131	40.2	31.8 47.8
130	2.2	2.2 3.4
166	27.5	22.5 33.7



#60
 Diethylphthalate
 Concen: 41.143 ng
 RT: 15.34 min Scan# 2086
 Delta R.T. 0.00 min
 Lab File: BG045901.D
 Acq: 1 Jul 2020 11:43

Tgt Ion:149	Resp:	625191
Ion	Ratio	Lower Upper
149	100	
177	24.1	18.0 27.0
150	13.4	10.4 15.6

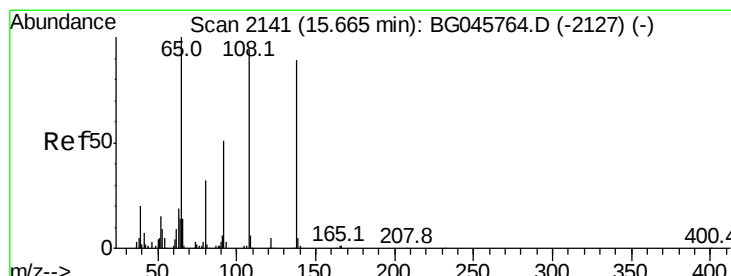
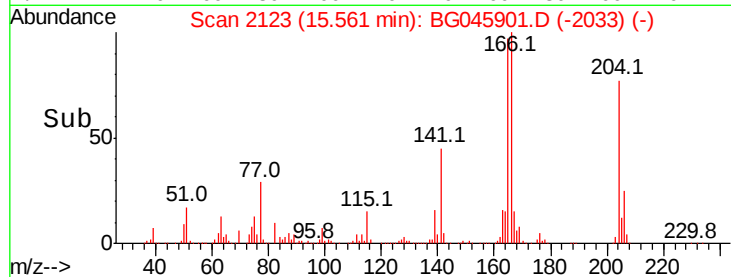
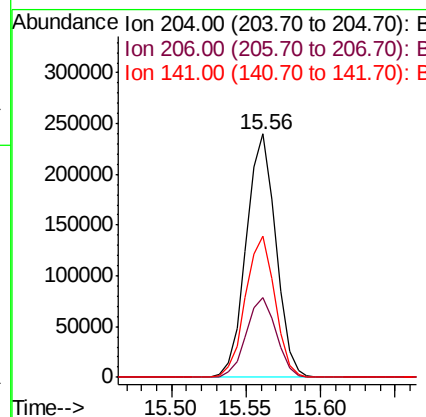
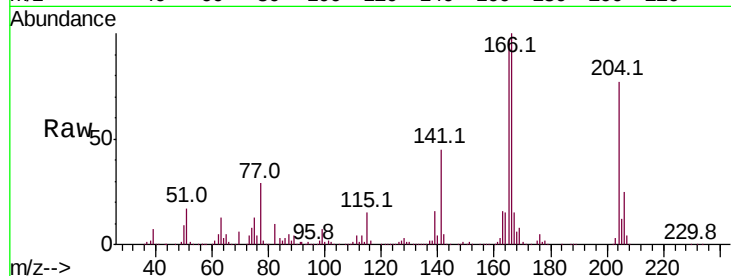




#61
4-Chlorophenyl-phenylether
Concen: 39.665 ng
RT: 15.56 min Scan# 2123
Delta R.T. 0.00 min
Lab File: BG045901.D
Acq: 1 Jul 2020 11:43

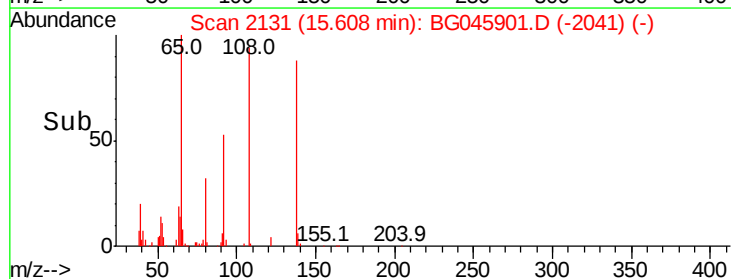
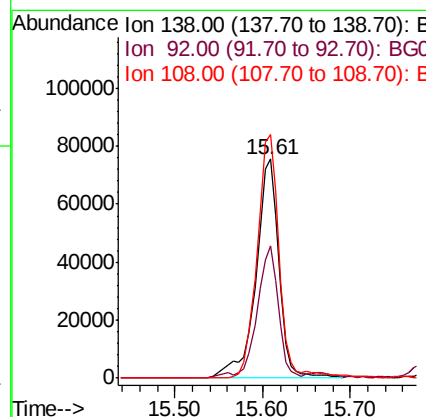
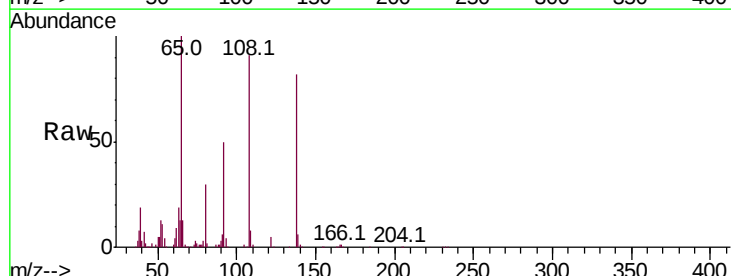
Instrument :
BNA_G
ClientSampleId :
CL-01-062420MS

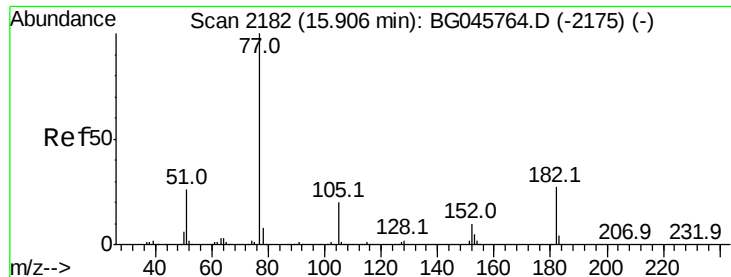
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.3	39.5
141	58.2	47.1	70.7



#62
4-Nitroaniline
Concen: 40.057 ng
RT: 15.61 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BG045901.D
Acq: 1 Jul 2020 11:43

Tgt Ion	Ratio	Lower	Upper
138	100		
92	60.3	38.5	78.5
108	111.1	85.0	125.0

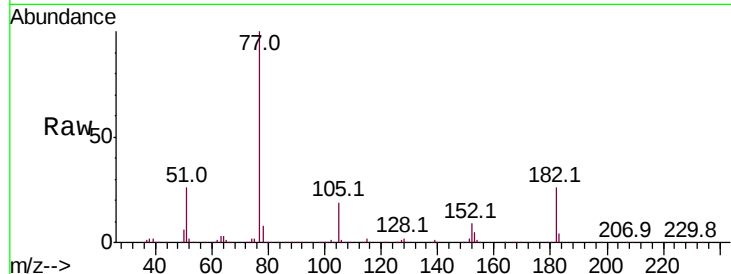




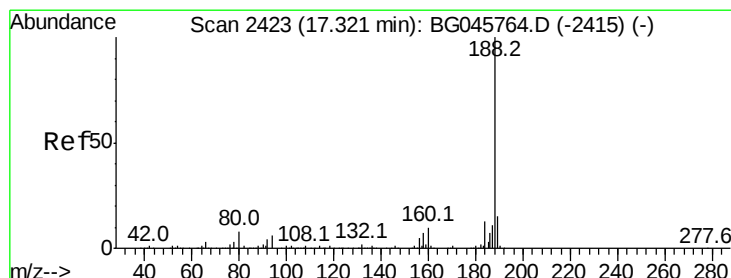
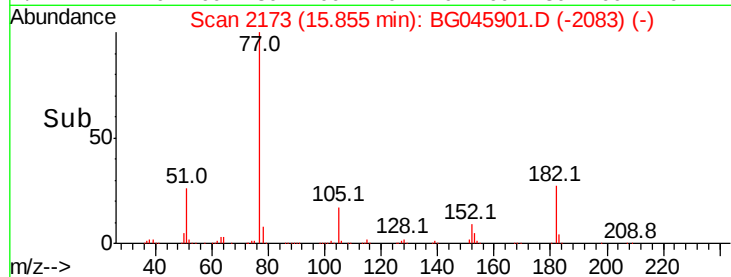
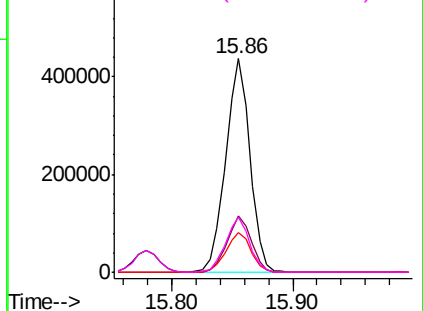
#63
Azobenzene
Concen: 41.561 ng
RT: 15.86 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BG045901.D
Acq: 1 Jul 2020 11:43

Instrument :
BNA_G
ClientSampleId :
CL-01-062420MS

Tot Ion: 77 Resp: 606391
Ion Ratio Lower Upper
77 100
182 26.5 5.1 45.1
105 18.9 0.0 38.4
51 25.8 4.9 44.9

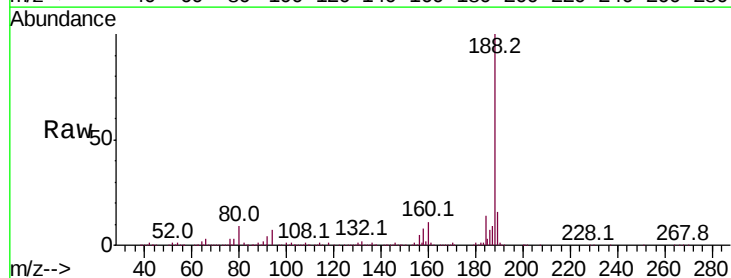


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

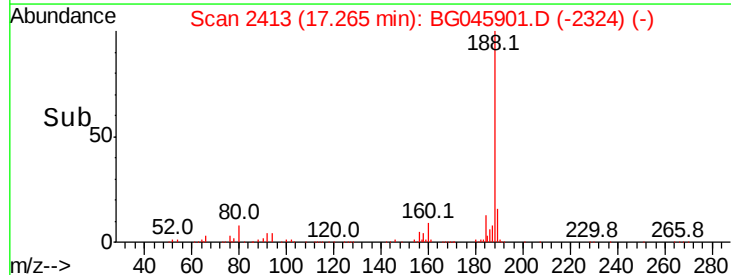
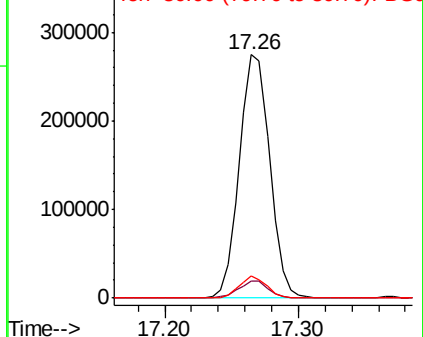


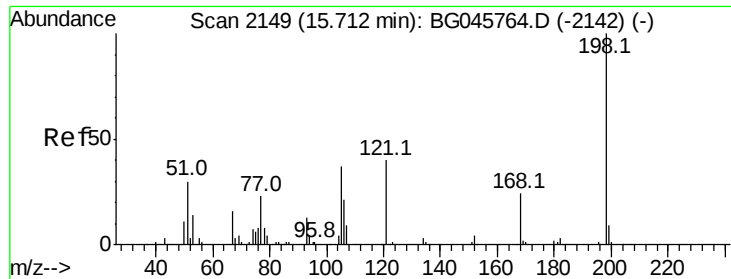
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.26 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BG045901.D
Acq: 1 Jul 2020 11:43

Tgt Ion: 188 Resp: 431535
Ion Ratio Lower Upper
188 100
94 6.9 5.7 8.5
80 8.9 6.6 10.0



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

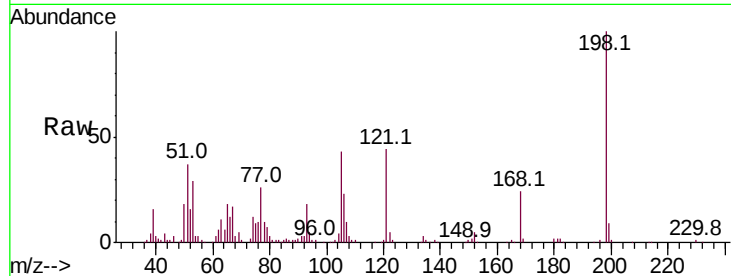




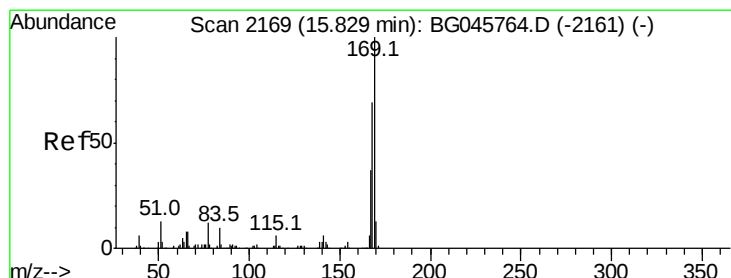
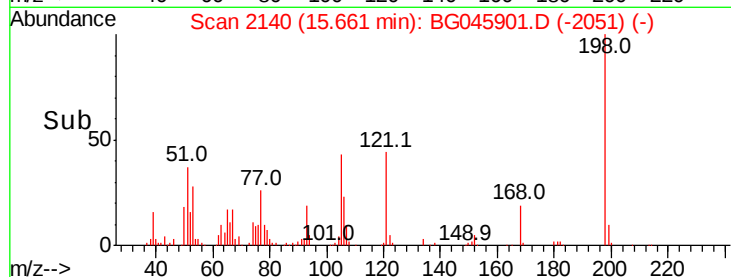
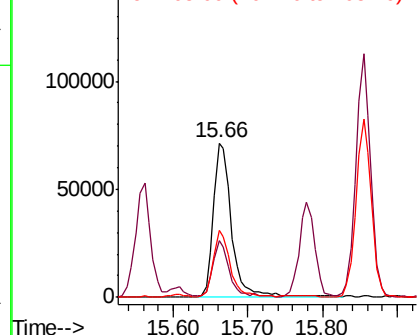
#65
4,6-Dinitro-2-methylphenol
Concen: 45.758 ng
RT: 15.66 min Scan# 2140
Delta R.T. -0.00 min
Lab File: BG045901.D
Acq: 1 Jul 2020 11:43

Instrument :
BNA_G
ClientSampleId :
CL-01-062420MS

Tot Ion:198 Resp: 122030
Ion Ratio Lower Upper
198 100
51 36.5 18.0 58.0
105 43.0 22.3 62.3

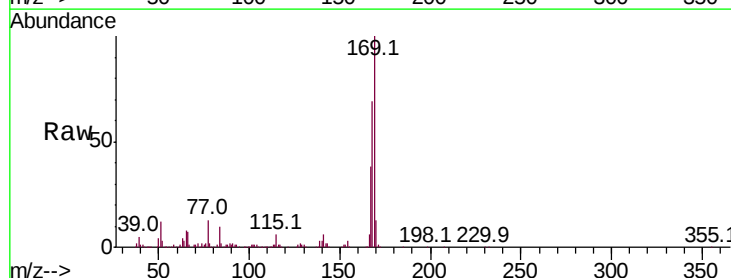


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

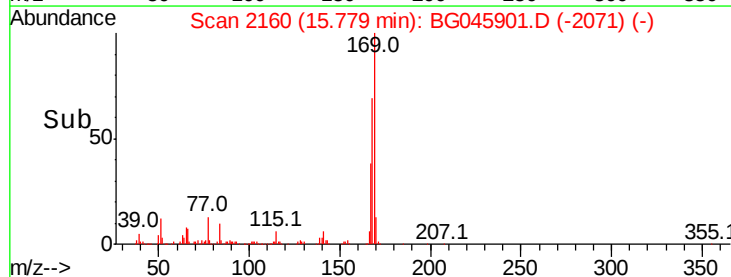
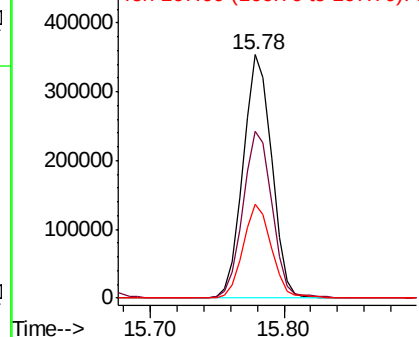


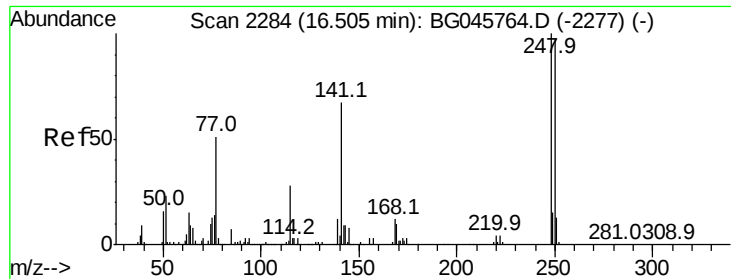
#66
n-Nitrosodiphenylamine
Concen: 42.785 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG045901.D
Acq: 1 Jul 2020 11:43

Tgt Ion:169 Resp: 522956
Ion Ratio Lower Upper
169 100
168 68.7 54.8 82.2
167 38.3 30.0 45.0



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

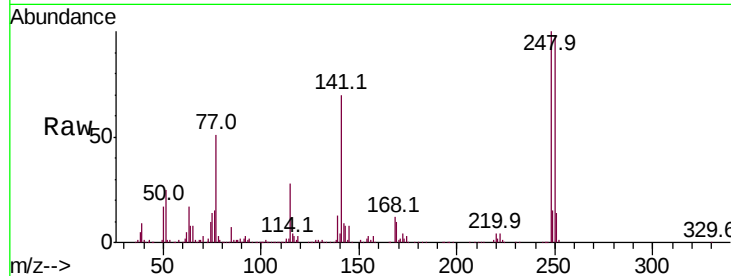




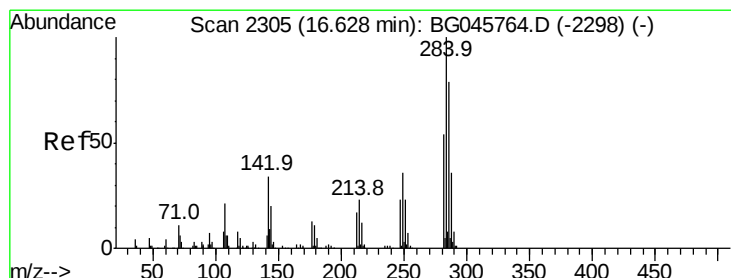
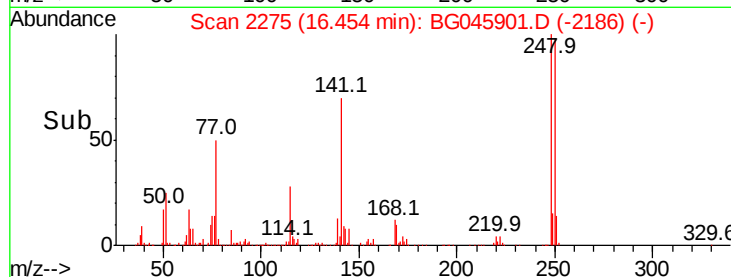
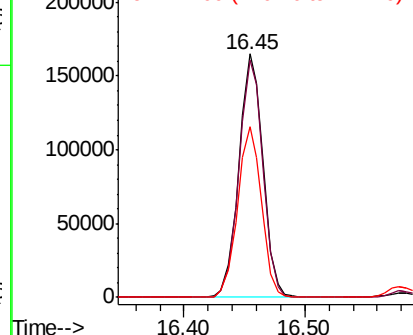
#67
4-Bromophenyl-phenylether
Concen: 40.824 ng
RT: 16.45 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BG045901.D
Acq: 1 Jul 2020 11:43

Instrument :
BNA_G
ClientSampleId :
CL-01-062420MS

Tot Ion:248 Resp: 228910
Ion Ratio Lower Upper
248 100
250 97.5 76.8 115.2
141 70.2 52.6 79.0

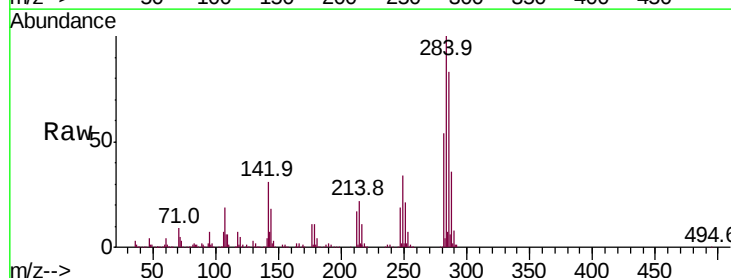


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

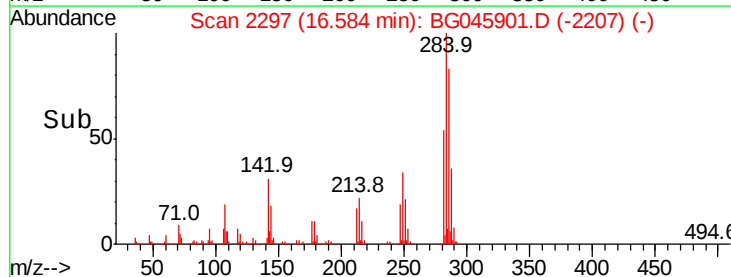
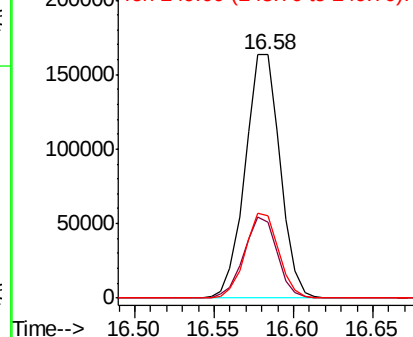


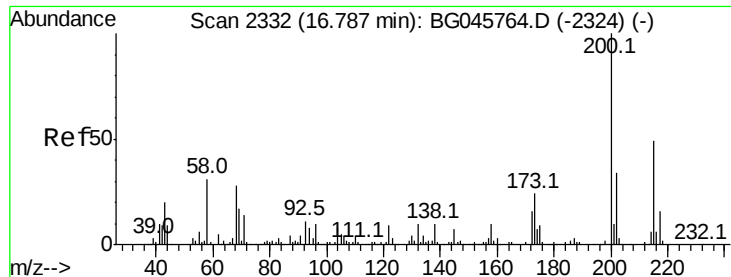
#68
Hexachlorobenzene
Concen: 42.945 ng
RT: 16.58 min Scan# 2297
Delta R.T. 0.00 min
Lab File: BG045901.D
Acq: 1 Jul 2020 11:43

Tgt Ion:284 Resp: 249698
Ion Ratio Lower Upper
284 100
142 31.0 24.5 36.7
249 33.6 25.1 37.7



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: 38.300 ng

RT: 16.74 min Scan# 2323

Delta R.T. 0.00 min

Lab File: BG045901.D

Acq: 1 Jul 2020 11:43

Instrument :

BNA_G

ClientSampleId :

CL-01-062420MS

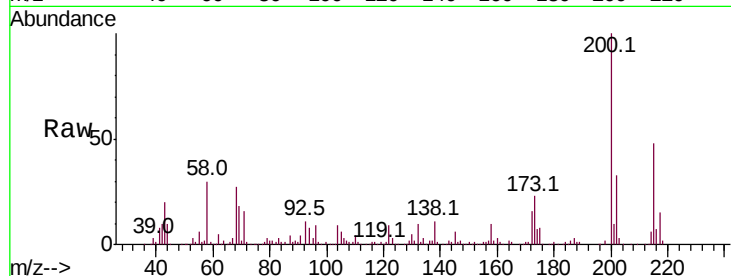
Tot Ion:200 Resp: 181654

Ion Ratio Lower Upper

200 100

173 23.4 6.7 46.7

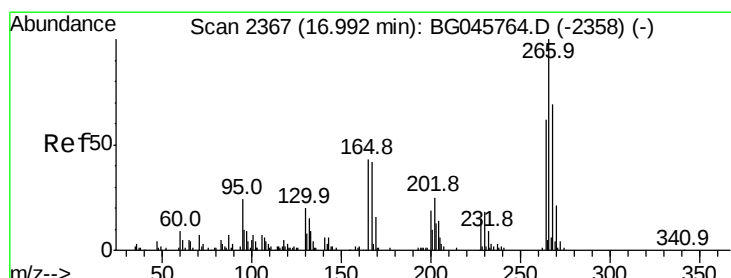
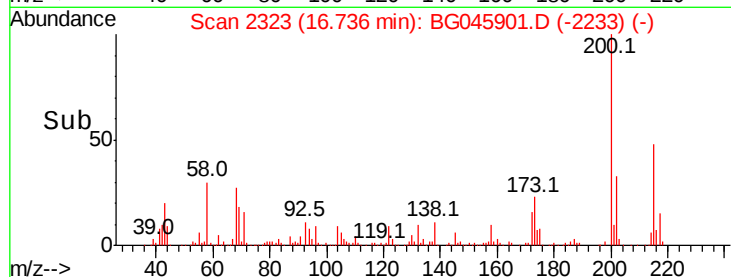
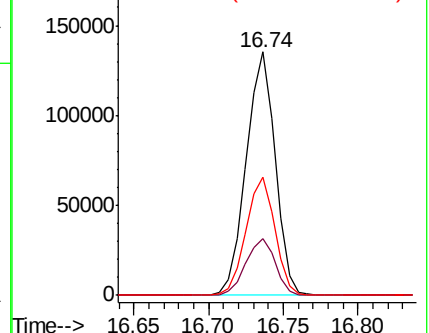
215 48.4 30.7 70.7



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: 64.260 ng

RT: 16.94 min Scan# 2357

Delta R.T. 0.00 min

Lab File: BG045901.D

Acq: 1 Jul 2020 11:43

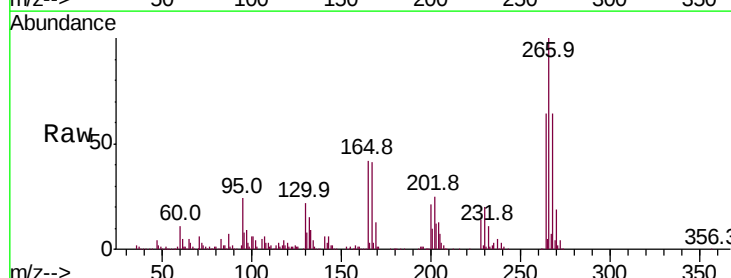
Tgt Ion:266 Resp: 179507

Ion Ratio Lower Upper

266 100

268 63.8 50.9 76.3

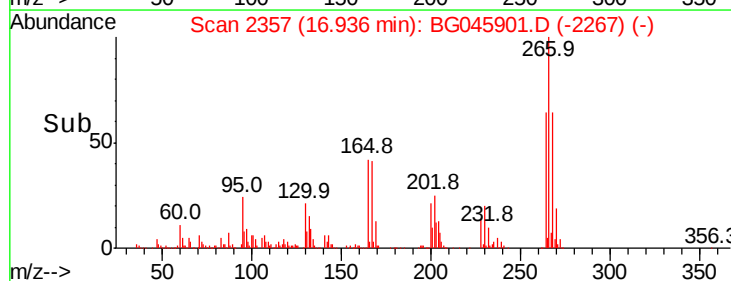
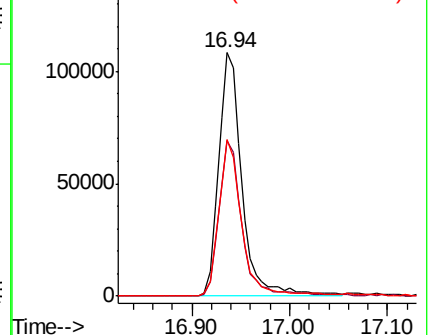
264 64.3 49.8 74.8

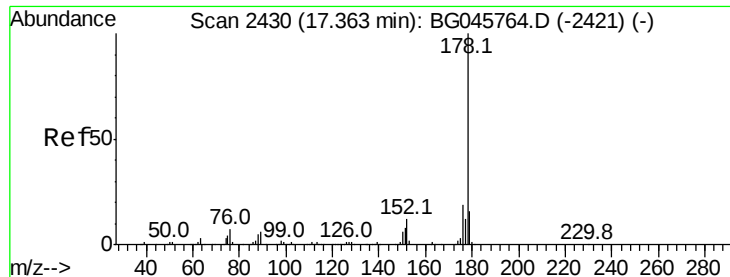


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 42.155 ng

RT: 17.31 min Scan# 2421

Delta R.T. 0.00 min

Lab File: BG045901.D

Acq: 1 Jul 2020 11:43

Instrument :

BNA_G

ClientSampleId :

CL-01-062420MS

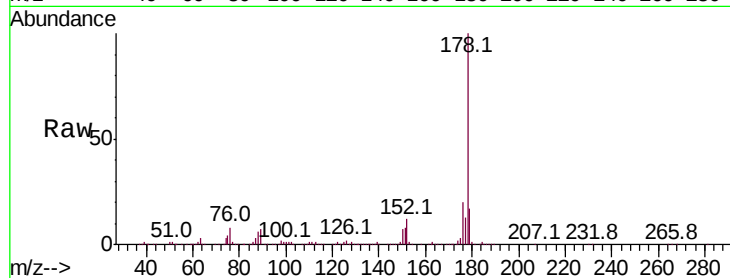
Tot Ion:178 Resp: 938195

Ion Ratio Lower Upper

178 100

176 20.5 15.8 23.8

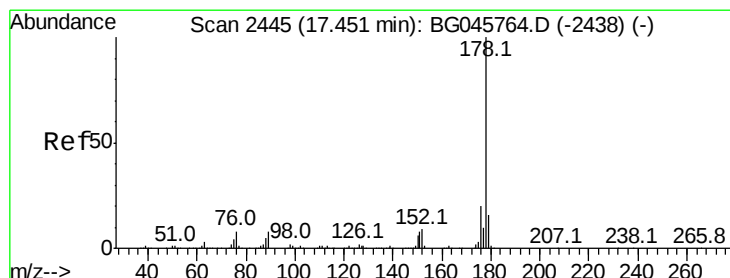
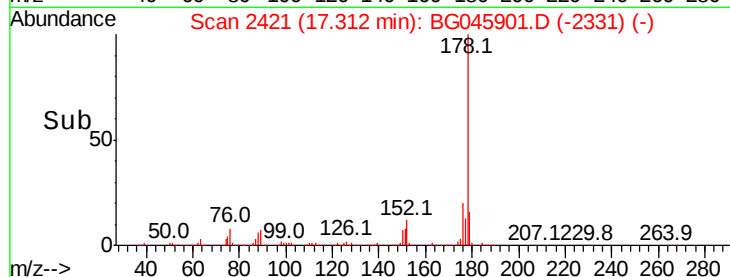
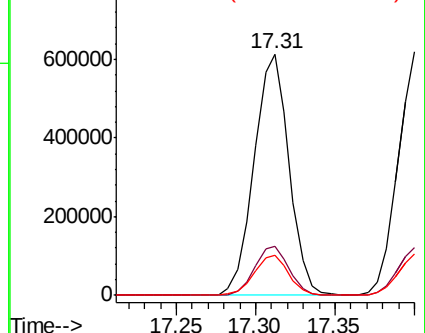
179 16.7 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.074 ng

RT: 17.40 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BG045901.D

Acq: 1 Jul 2020 11:43

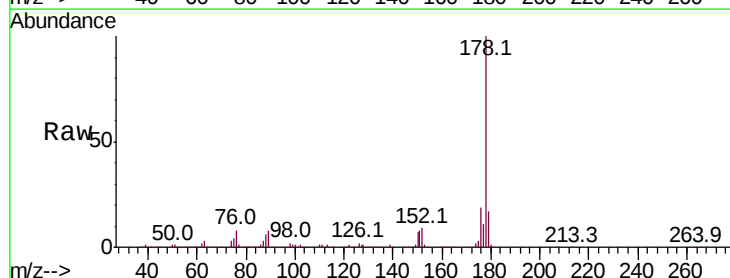
Tgt Ion:178 Resp: 954617

Ion Ratio Lower Upper

178 100

176 19.4 15.7 23.5

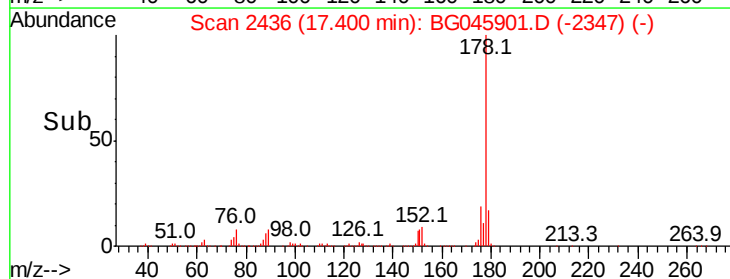
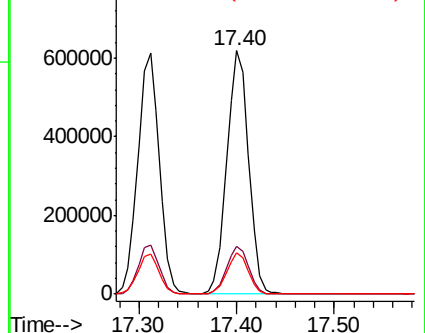
179 16.7 12.8 19.2

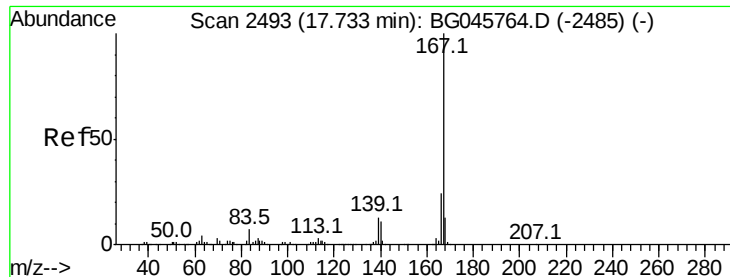


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

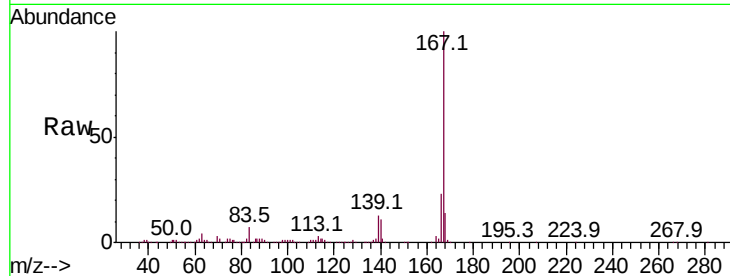




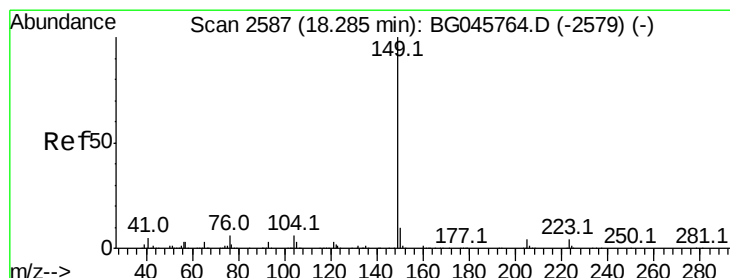
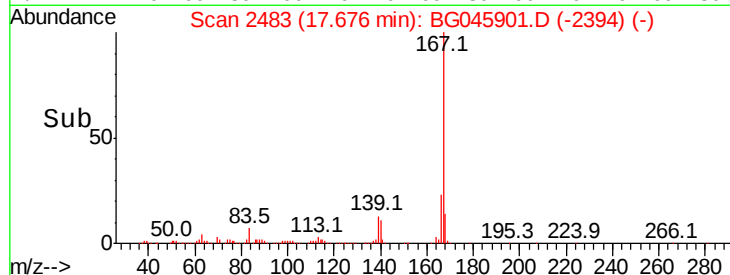
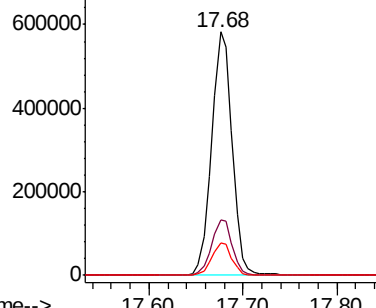
#73
 Carbazole
 Concen: 41.782 ng
 RT: 17.68 min Scan# 2483
 Delta R.T. -0.00 min
 Lab File: BG045901.D
 Acq: 1 Jul 2020 11:43

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-062420MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.8	28.2
139	13.1	10.4	15.6

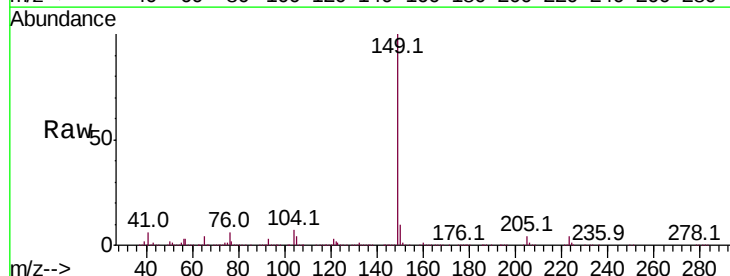


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

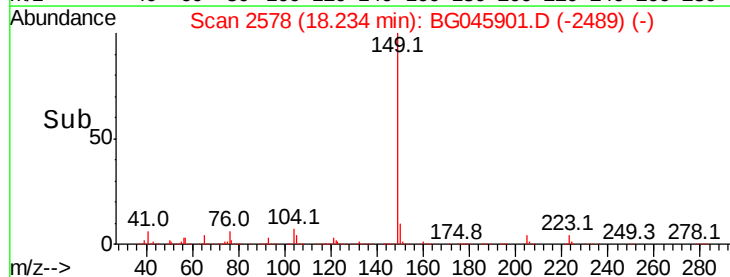
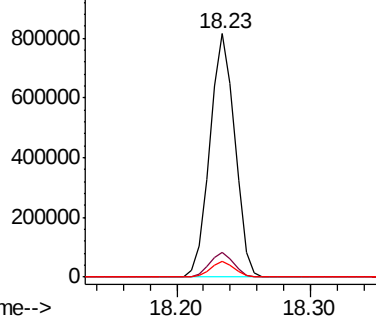


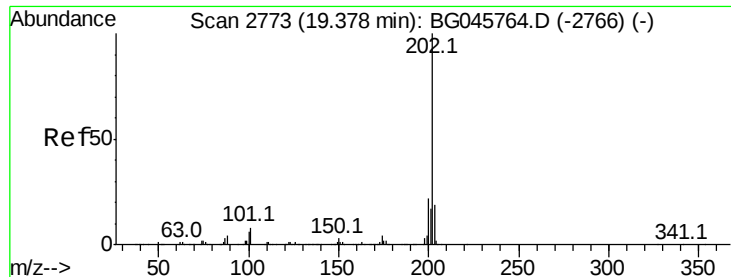
#74
 Di-n-butylphthalate
 Concen: 42.178 ng
 RT: 18.23 min Scan# 2578
 Delta R.T. -0.00 min
 Lab File: BG045901.D
 Acq: 1 Jul 2020 11:43

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.8	11.6
104	6.6	4.9	7.3



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: 41.684 ng

RT: 19.33 min Scan# 2764

Delta R.T. 0.00 min

Lab File: BG045901.D

Acq: 1 Jul 2020 11:43

Instrument :

BNA_G

ClientSampleId :

CL-01-062420MS

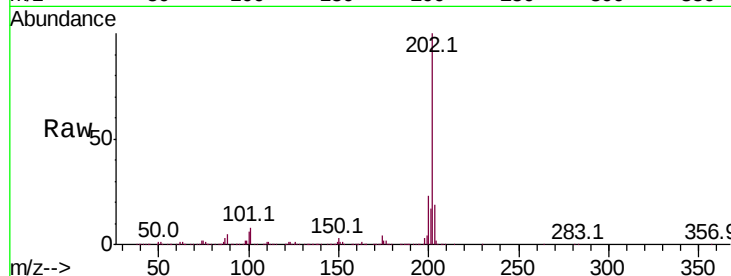
Tot Ion:202 Resp: 1140791

Ion Ratio Lower Upper

202 100

101 7.6 0.0 28.0

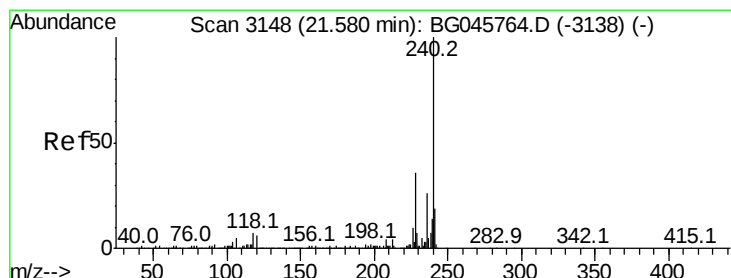
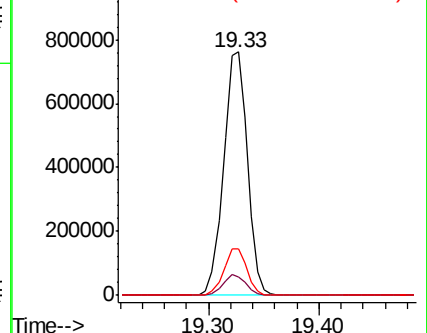
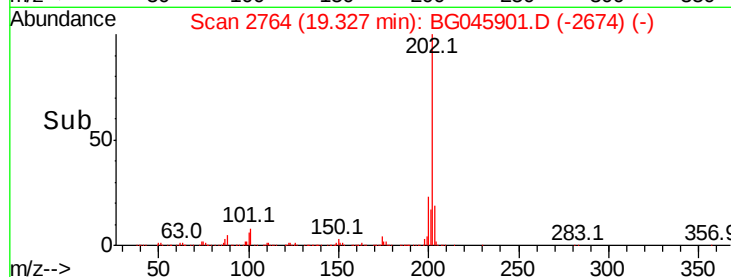
203 19.3 0.0 38.5



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: 21.52 min Scan# 3137

Delta R.T. -0.00 min

Lab File: BG045901.D

Acq: 1 Jul 2020 11:43

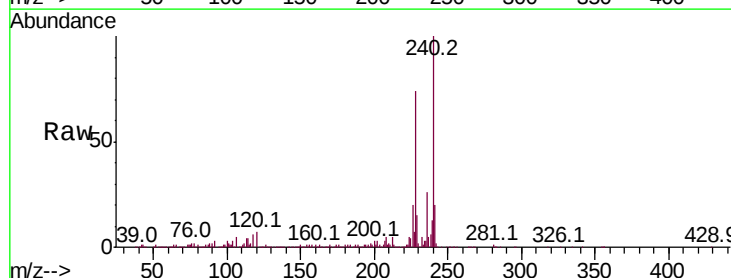
Tgt Ion:240 Resp: 400613

Ion Ratio Lower Upper

240 100

120 7.3 5.6 8.4

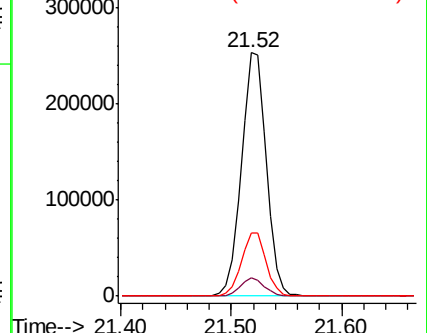
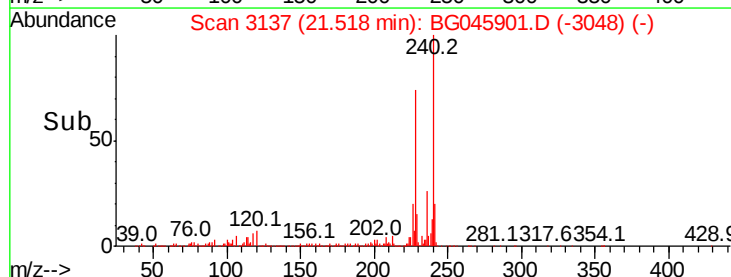
236 25.9 21.3 31.9

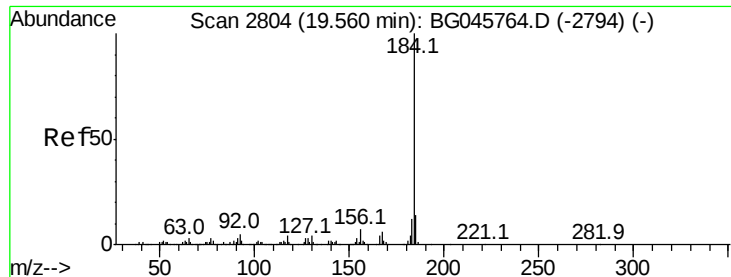


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 15.371 ng

RT: 19.51 min Scan# 2795

Delta R.T. 0.00 min

Lab File: BG045901.D

Acq: 1 Jul 2020 11:43

Instrument :

BNA_G

ClientSampleId :

CL-01-062420MS

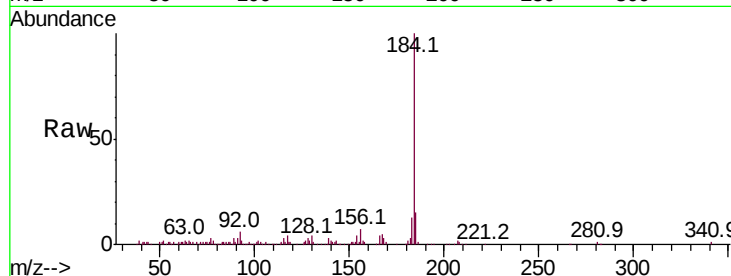
Tot Ion:184 Resp: 160081

Ion Ratio Lower Upper

184 100

185 14.7 10.6 15.8

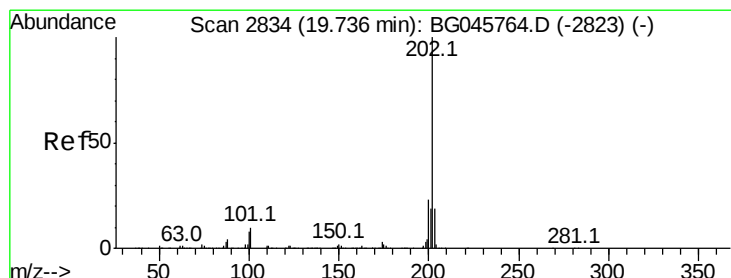
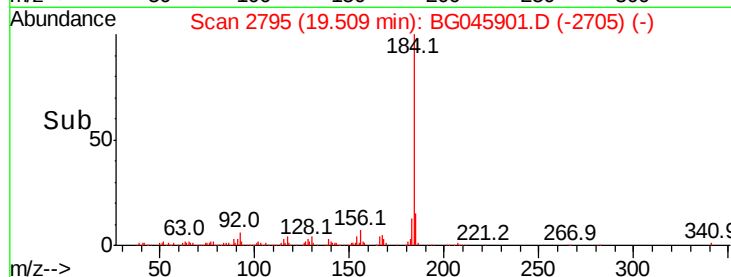
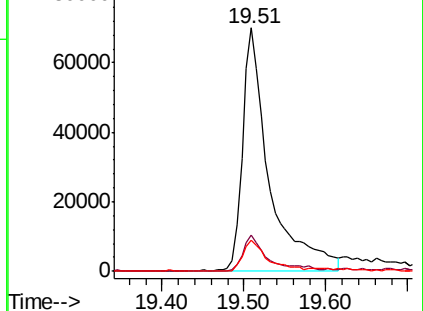
183 12.7 10.1 15.1



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.032 ng

RT: 19.69 min Scan# 2825

Delta R.T. -0.00 min

Lab File: BG045901.D

Acq: 1 Jul 2020 11:43

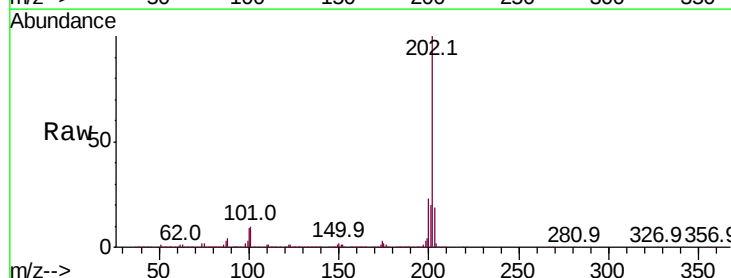
Tgt Ion:202 Resp: 1127568

Ion Ratio Lower Upper

202 100

200 23.3 18.0 27.0

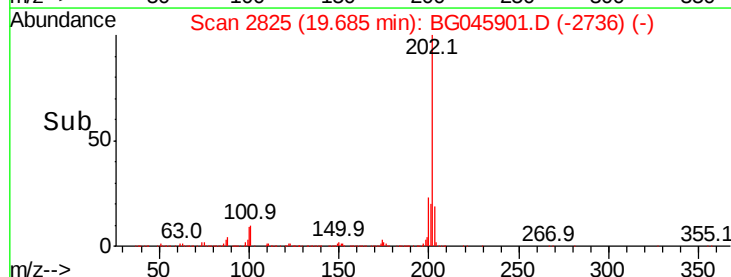
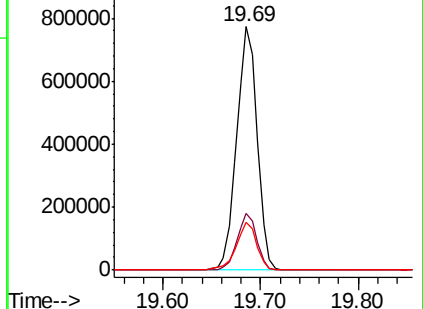
203 19.5 14.8 22.2

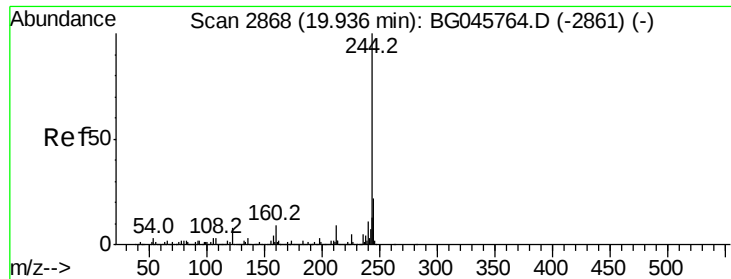


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 84.495 ng

RT: 19.89 min Scan# 2860

Delta R.T. 0.00 min

Lab File: BG045901.D

Acq: 1 Jul 2020 11:43

Instrument :

BNA_G

ClientSampleId :

CL-01-062420MS

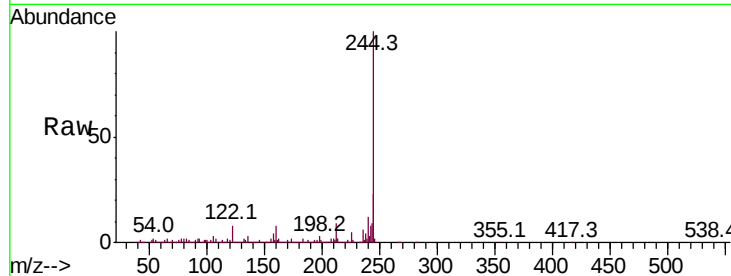
Tot Ion:244 Resp: 1670271

Ion Ratio Lower Upper

244 100

212 9.0 7.2 10.8

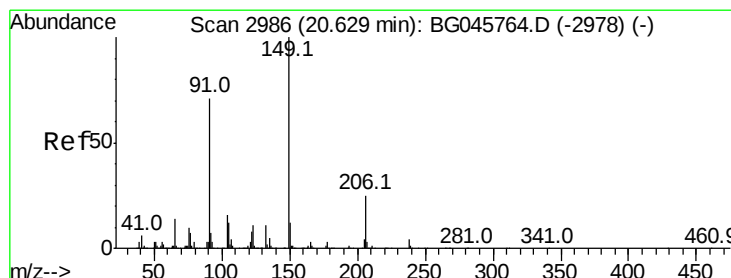
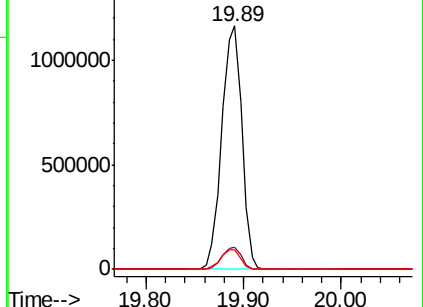
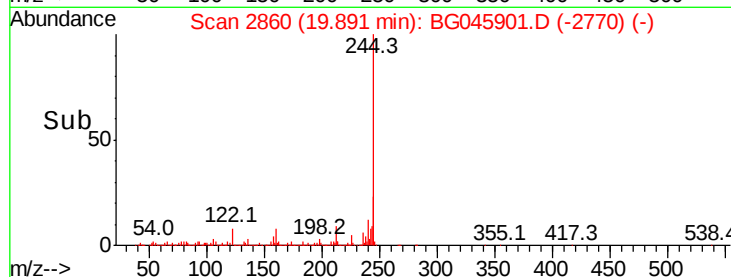
122 8.2 6.9 10.3



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.199 ng

RT: 20.58 min Scan# 2977

Delta R.T. -0.00 min

Lab File: BG045901.D

Acq: 1 Jul 2020 11:43

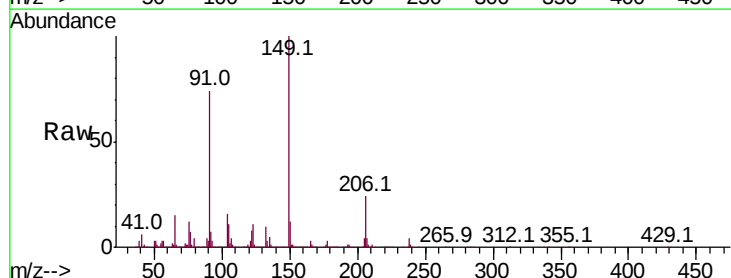
Tgt Ion:149 Resp: 462620

Ion Ratio Lower Upper

149 100

91 74.1 57.0 85.4

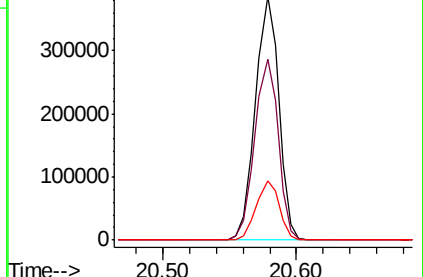
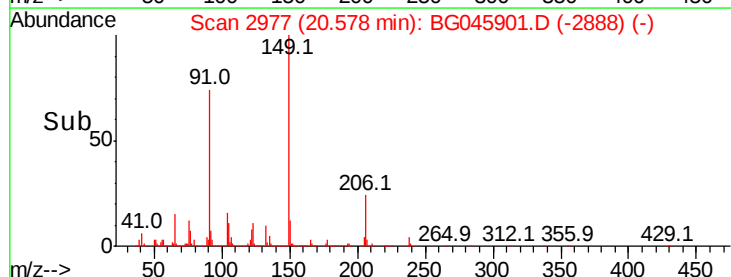
206 24.4 20.0 30.0

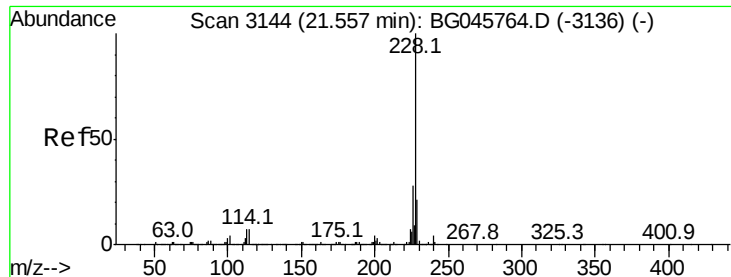


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.416 ng

RT: 21.50 min Scan# 3134

Delta R.T. -0.00 min

Lab File: BG045901.D

Acq: 1 Jul 2020 11:43

Instrument :

BNA_G

ClientSampleId :

CL-01-062420MS

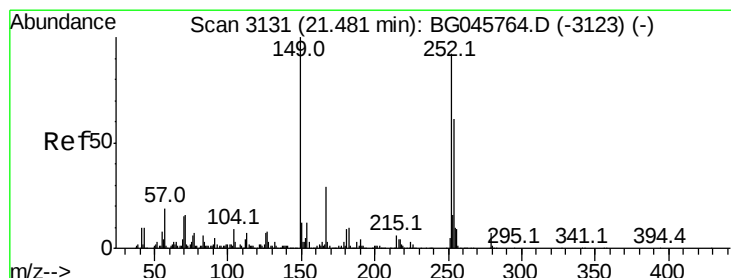
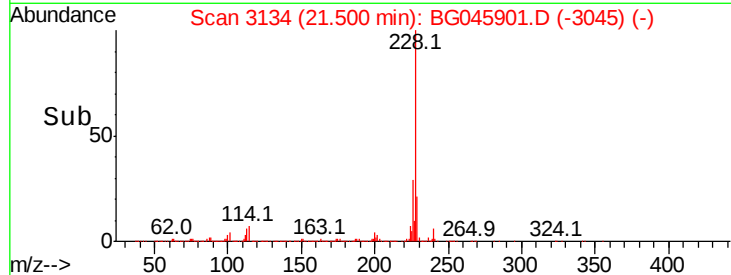
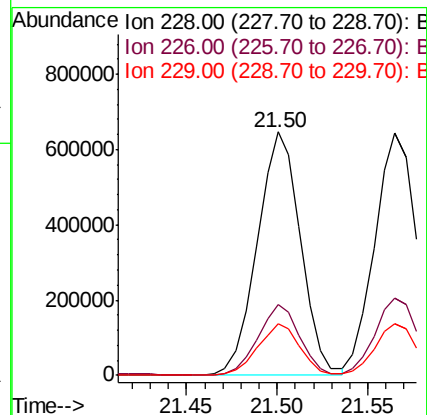
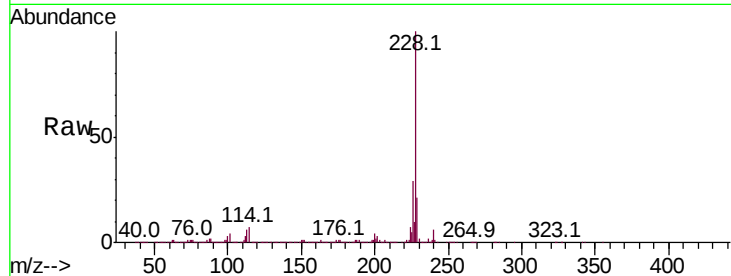
Tot Ion:228 Resp: 1075718

Ion Ratio Lower Upper

228 100

226 29.1 23.2 34.8

229 21.2 16.6 25.0



#82

3,3'-Dichlorobenzidine

Concen: 33.856 ng

RT: 21.42 min Scan# 3120

Delta R.T. -0.00 min

Lab File: BG045901.D

Acq: 1 Jul 2020 11:43

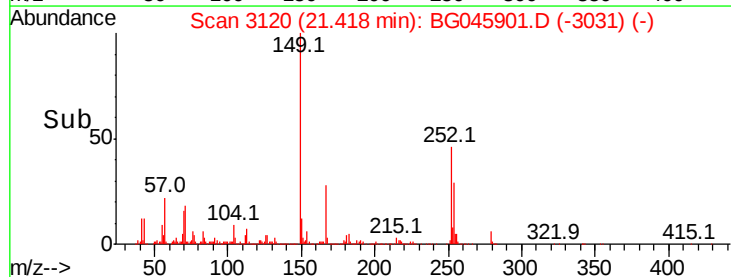
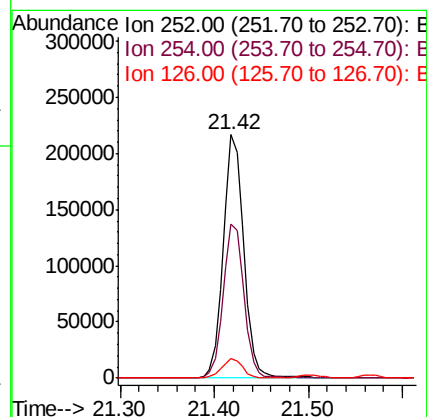
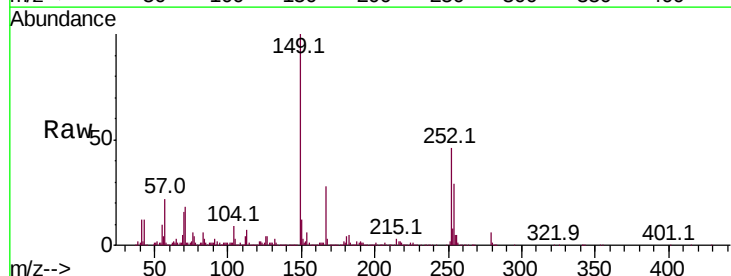
Tgt Ion:252 Resp: 332622

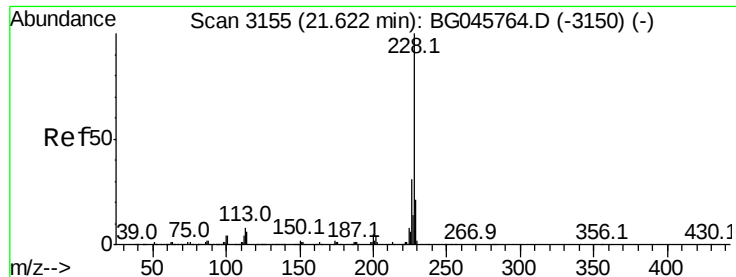
Ion Ratio Lower Upper

252 100

254 63.5 54.1 81.1

126 8.0 6.6 9.8





#83

Chrysene

Concen: 40.624 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.00 min

Lab File: BG045901.D

Acq: 1 Jul 2020 11:43

Instrument :

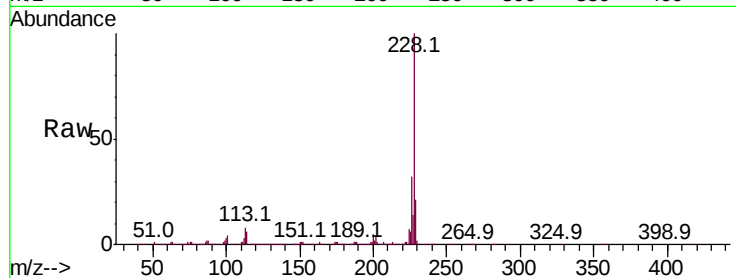
BNA_G

ClientSampleId :

CL-01-062420MS

Tot Ion:228 Resp: 1020548

Ion	Ratio	Lower	Upper
228	100		
226	32.0	25.4	38.0
229	21.3	16.3	24.5

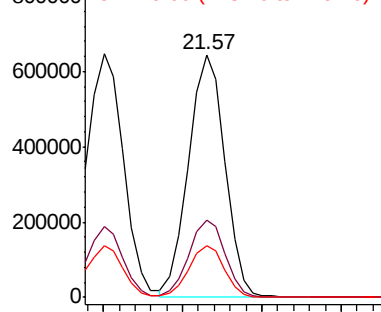


Abundance

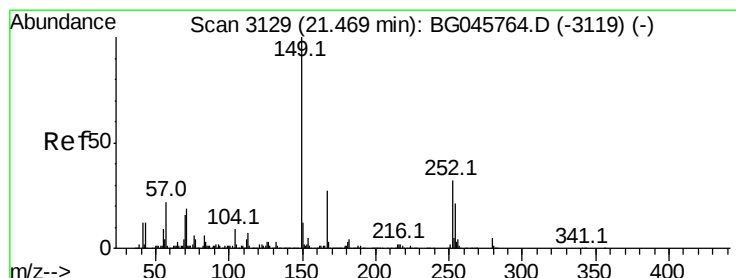
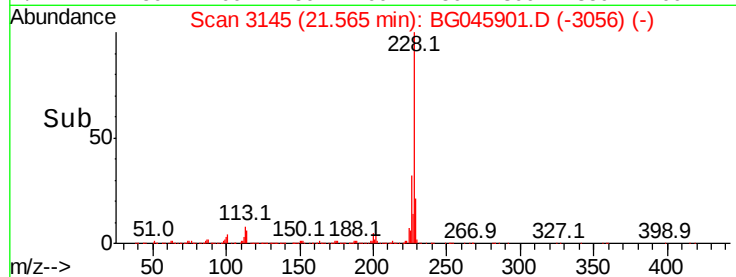
Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.376 ng

RT: 21.42 min Scan# 3120

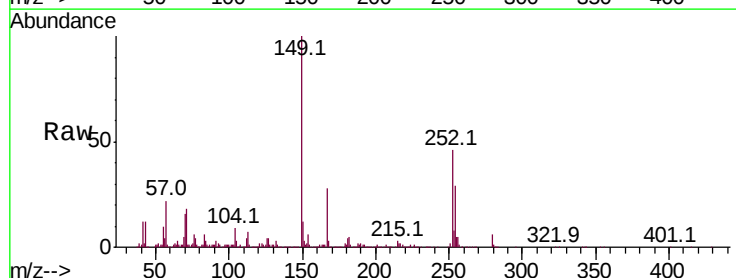
Delta R.T. 0.00 min

Lab File: BG045901.D

Acq: 1 Jul 2020 11:43

Tgt Ion:149 Resp: 646241

Ion	Ratio	Lower	Upper
149	100		
167	28.0	21.7	32.5
279	5.9	4.2	6.2

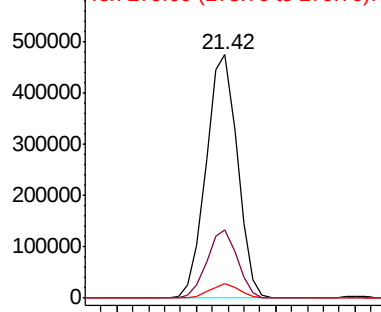


Abundance

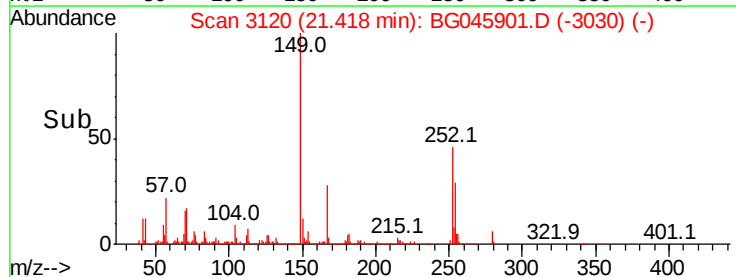
Ion 149.00 (148.70 to 149.70): E

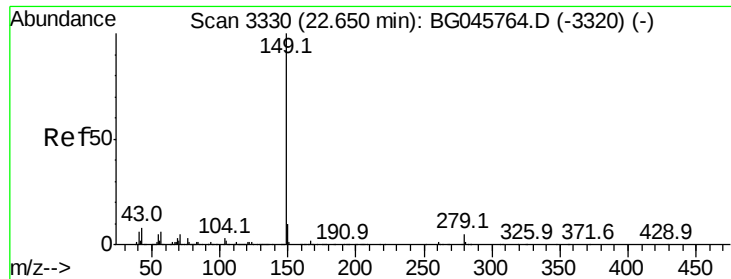
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->

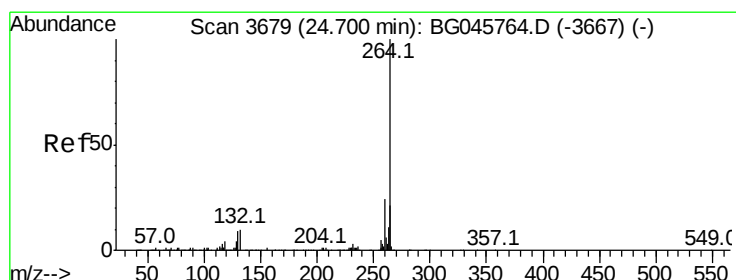
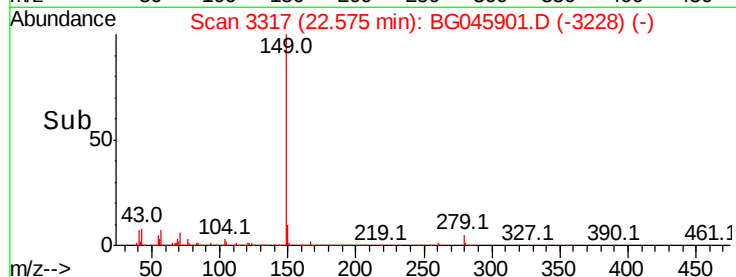
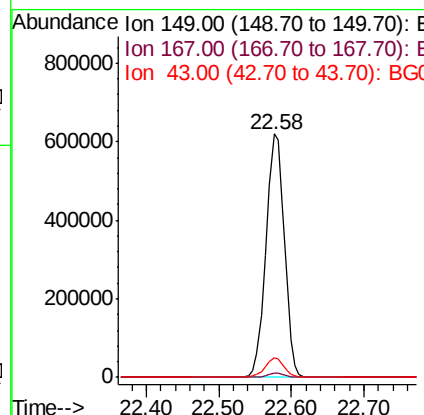
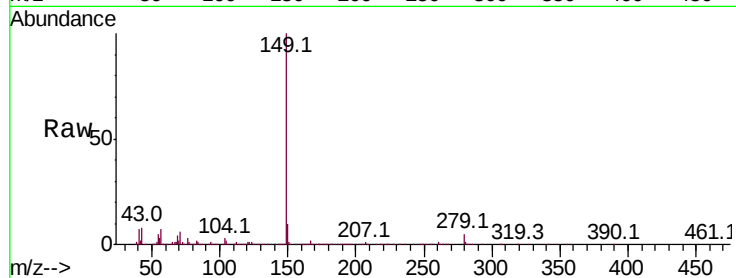




#85
Di-n-octyl phthalate
Concen: 40.490 ng
RT: 22.58 min Scan# 3317
Delta R.T. -0.00 min
Lab File: BG045901.D
Acq: 1 Jul 2020 11:43

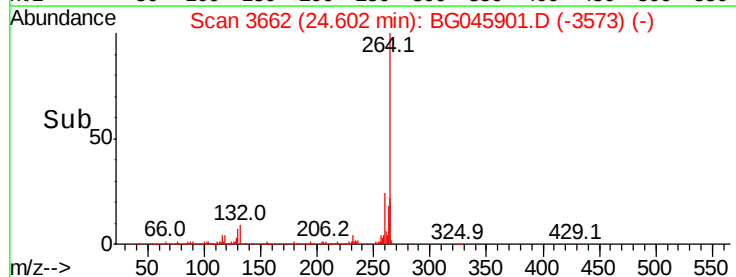
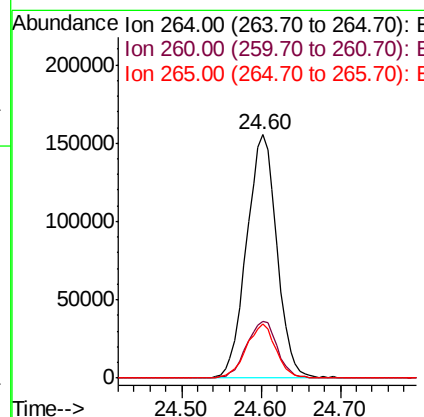
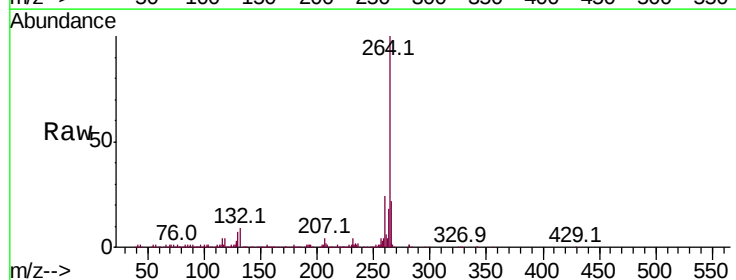
Instrument :
BNA_G
ClientSampleId :
CL-01-062420MS

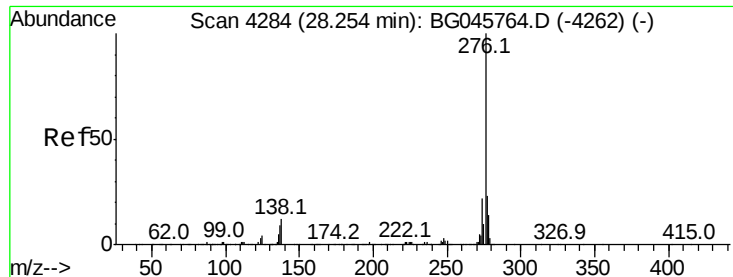
Tot Ion:149 Resp: 1090860
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 7.9 6.2 9.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.60 min Scan# 3662
Delta R.T. -0.00 min
Lab File: BG045901.D
Acq: 1 Jul 2020 11:43

Tgt Ion:264 Resp: 412147
Ion Ratio Lower Upper
264 100
260 23.5 19.5 29.3
265 22.1 17.4 26.0

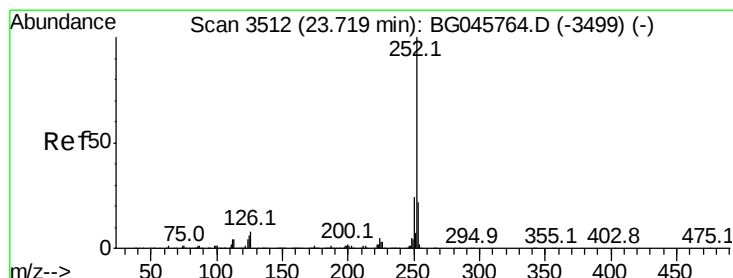
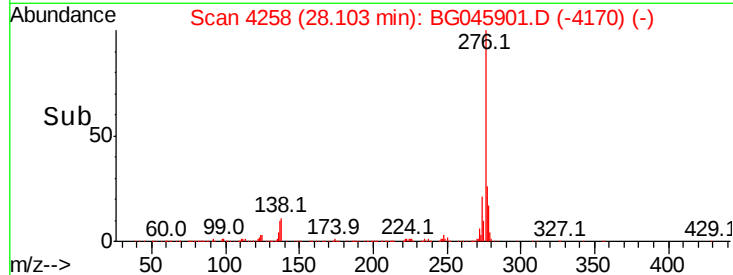
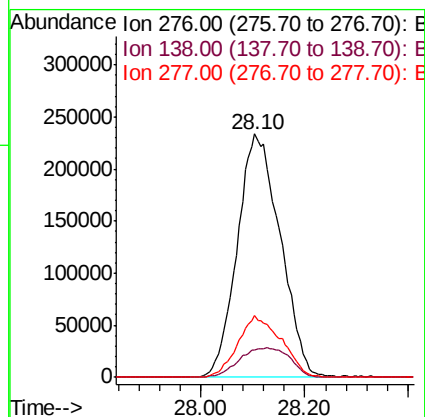
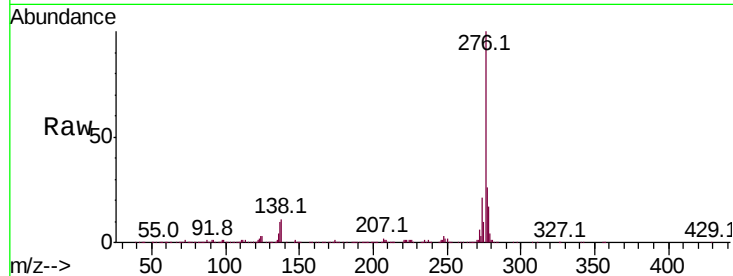




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 44.944 ng
 RT: 28.10 min Scan# 4258
 Delta R.T. -0.01 min
 Lab File: BG045901.D
 Acq: 1 Jul 2020 11:43

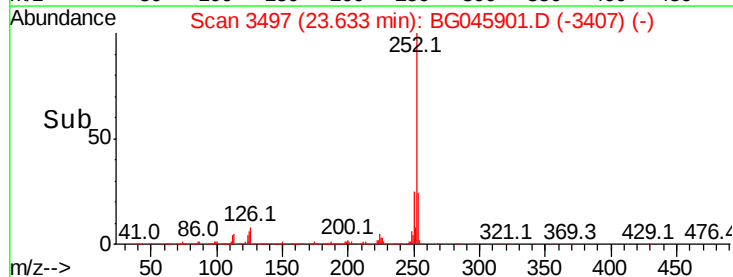
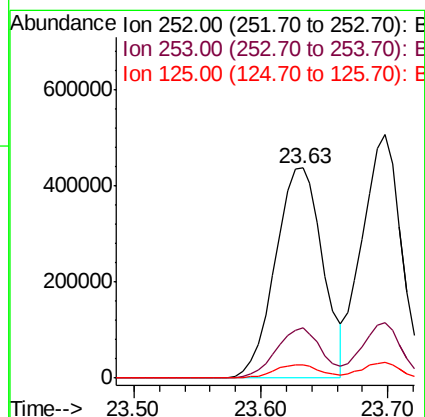
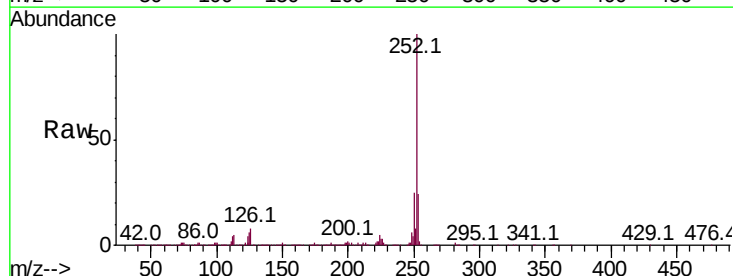
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-062420MS

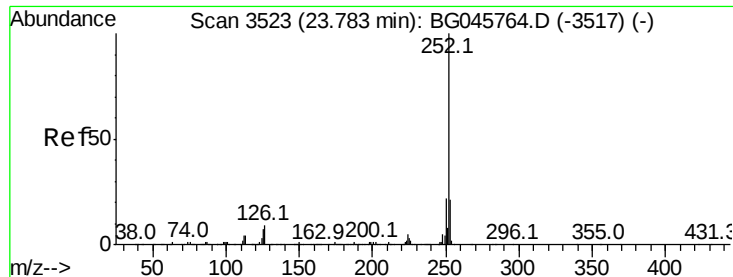
Tot Ion:276 Resp: 1342891
 Ion Ratio Lower Upper
 276 100
 138 0.0 11.8 17.6#
 277 25.6 20.5 30.7



#88
 Benzo(b)fluoranthene
 Concen: 44.049 ng
 RT: 23.63 min Scan# 3497
 Delta R.T. 0.00 min
 Lab File: BG045901.D
 Acq: 1 Jul 2020 11:43

Tgt Ion:252 Resp: 1138288
 Ion Ratio Lower Upper
 252 100
 253 23.8 18.5 27.7
 125 6.2 5.4 8.0





#89

Benzo(k)fluoranthene

Concen: 44.041 ng

RT: 23.70 min Scan# 3508

Delta R.T. 0.00 min

Lab File: BG045901.D

Acq: 1 Jul 2020 11:43

Instrument :

BNA_G

ClientSampleId :

CL-01-062420MS

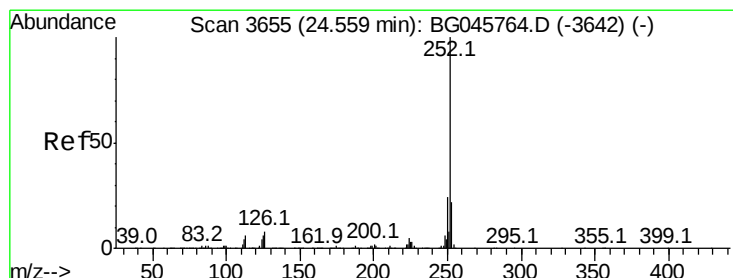
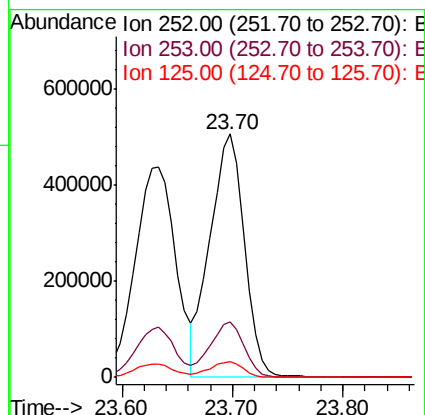
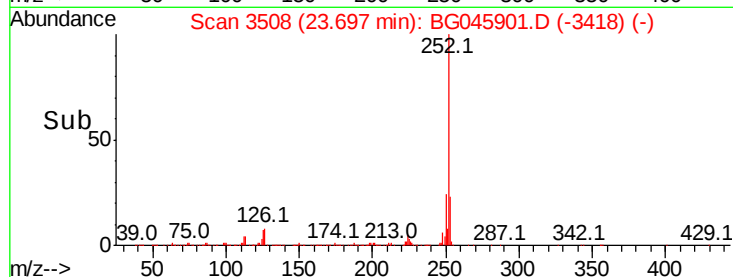
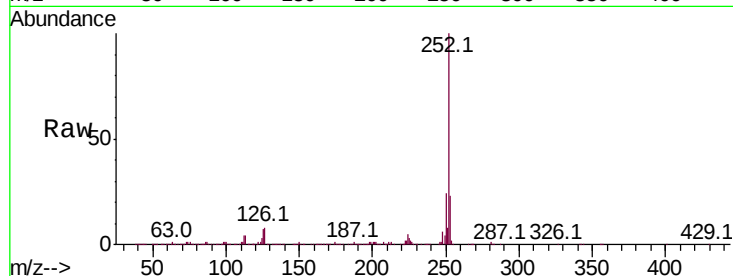
Tot Ion:252 Resp: 1089230

Ion Ratio Lower Upper

252 100

253 22.9 18.8 28.2

125 6.7 5.2 7.8



#90

Benzo(a)pyrene

Concen: 42.620 ng

RT: 24.46 min Scan# 3638

Delta R.T. -0.00 min

Lab File: BG045901.D

Acq: 1 Jul 2020 11:43

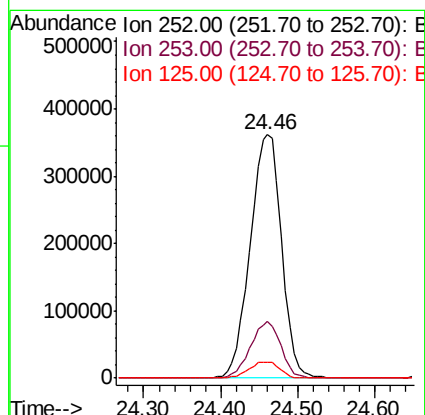
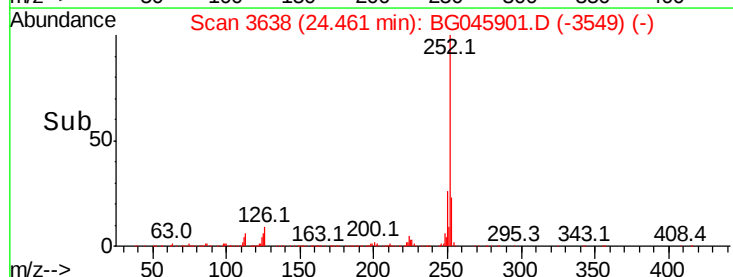
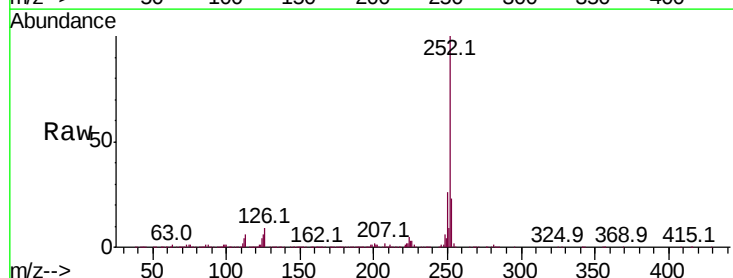
Tgt Ion:252 Resp: 1028808

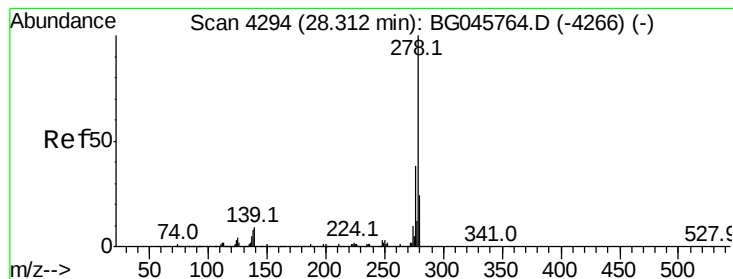
Ion Ratio Lower Upper

252 100

253 23.1 17.8 26.8

125 6.5 5.9 8.9





#91

Dibenzo(a,h)anthracene

Concen: 45.715 ng

RT: 28.16 min Scan# 4268

Delta R.T. -0.00 min

Lab File: BG045901.D

Acq: 1 Jul 2020 11:43

Instrument :

BNA_G

ClientSampleId :

CL-01-062420MS

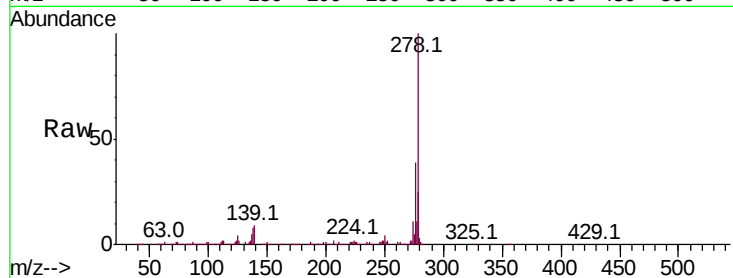
Tot Ion:278 Resp: 1095344

Ion Ratio Lower Upper

278 100

139 9.4 7.7 11.5

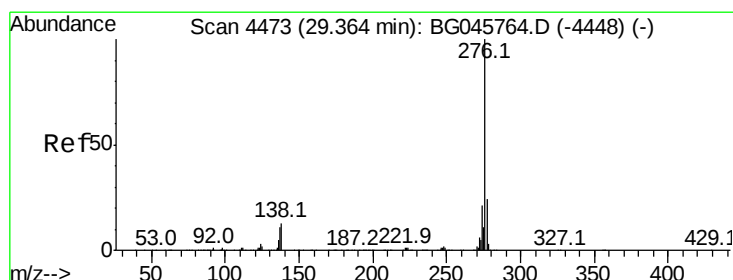
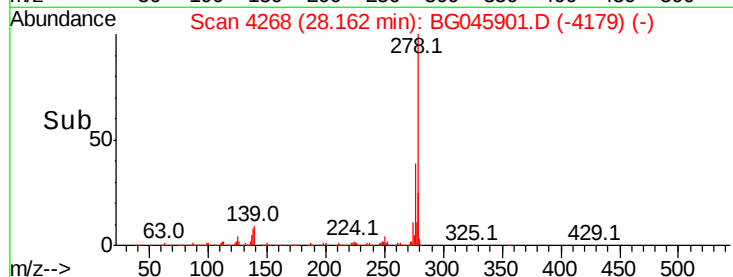
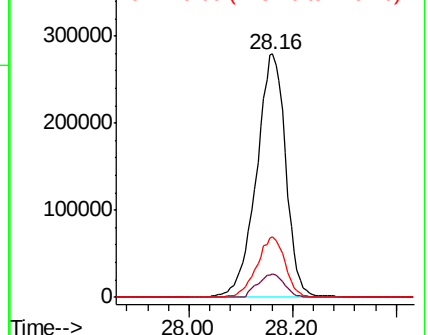
279 25.0 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 45.667 ng

RT: 29.21 min Scan# 4446

Delta R.T. 0.01 min

Lab File: BG045901.D

Acq: 1 Jul 2020 11:43

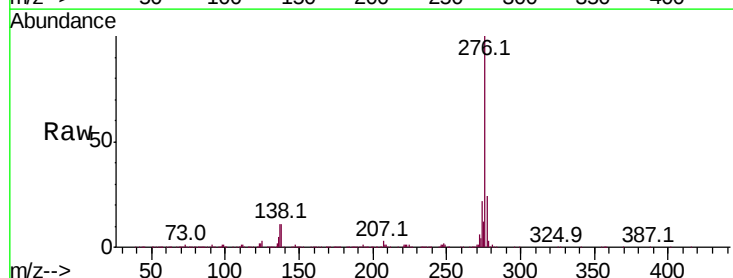
Tgt Ion:276 Resp: 1095187

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.4

138 11.3 9.4 14.2



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

