

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG070120\
 Data File : BG045902.D
 Acq On : 1 Jul 2020 12:23
 Operator : CG/JU
 Sample : L2810-16MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-062420MSD

Quant Time: Jul 01 14:04:12 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	68500	20.00	ng	0.00
21) Naphthalene-d8	10.66	136	268520	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	193338	20.00	ng	0.00
64) Phenanthrene-d10	17.27	188	441701	20.00	ng	0.00
76) Chrysene-d12	21.52	240	402593	20.00	ng	0.00
86) Perylene-d12	24.60	264	411766	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	450020	110.98	ng	0.00
7) Phenol-d6	7.08	99	582233	94.39	ng	0.00
23) Nitrobenzene-d5	9.02	82	474813	80.78	ng	0.00
42) 2,4,6-Tribromophenol	16.02	330	344406	117.99	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	1030090	78.30	ng	0.00
79) Terphenyl-d14	19.89	244	1675562	84.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.29	88	61180	32.941	ng	# 53
3) Pyridine	3.71	79	150803	27.401	ng	97
4) n-Nitrosodimethylamine	3.61	42	76552	41.438	ng	96
6) Aniline	7.19	93	185923	25.599	ng	99
8) 2-Chlorophenol	7.44	128	191166	44.042	ng	99
9) Benzaldehyde	6.99	77	42737	11.536	ng	94
10) Phenol	7.10	94	213856	35.783	ng	96
11) bis(2-Chloroethyl)ether	7.28	93	183866	40.503	ng	98
12) 1,3-Dichlorobenzene	7.74	146	203473	39.337	ng	97
13) 1,4-Dichlorobenzene	7.89	146	205668	39.807	ng	96
14) 1,2-Dichlorobenzene	8.21	146	194636	39.350	ng	99
15) Benzyl Alcohol	8.11	79	206100	43.178	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.39	45	169442	39.604	ng	97
17) 2-Methylphenol	8.35	107	170090	38.242	ng	96
18) Hexachloroethane	8.94	117	79075	40.297	ng	95
19) n-Nitroso-di-n-propylamine	8.67	70	171619	42.321	ng	96
20) 3+4-Methylphenols	8.68	107	224844	38.438	ng	92
22) Acetophenone	8.68	105	301354	40.889	ng	99
24) Nitrobenzene	9.06	77	254535	40.614	ng	98
25) Isophorone	9.59	82	466005	40.953	ng	99
26) 2-Nitrophenol	9.78	139	112318	43.017	ng	96
27) 2,4-Dimethylphenol	9.87	122	174484	43.771	ng	99
28) bis(2-Chloroethoxy)methane	10.08	93	253361	42.626	ng	97
29) 2,4-Dichlorophenol	10.34	162	203531	43.762	ng	97
30) 1,2,4-Trichlorobenzene	10.53	180	217745	39.547	ng	98
31) Naphthalene	10.72	128	605993	41.279	ng	99
32) Benzoic acid	10.08	122	93013	38.226	ng	91
33) 4-Chloroaniline	10.83	127	92087	14.979	ng	96
34) Hexachlorobutadiene	11.00	225	152212	38.872	ng	98
35) Caprolactam	11.61	113	26347	17.506	ng	95
36) 4-Chloro-3-methylphenol	12.00	107	232732	43.340	ng	99
37) 2-Methylnaphthalene	12.33	142	460176	42.096	ng	97
38) 1-Methylnaphthalene	12.55	142	438092	42.349	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.71	216	255195	40.086	ng	97

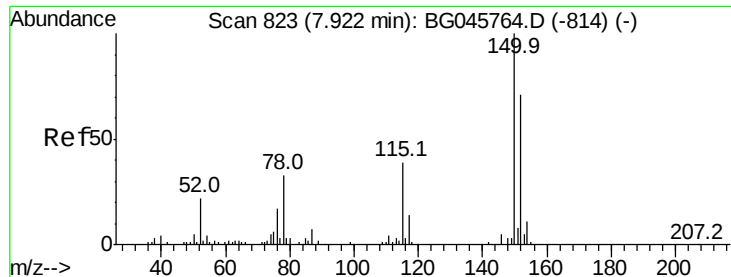
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG070120\
 Data File : BG045902.D
 Acq On : 1 Jul 2020 12:23
 Operator : CG/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 01 13:54:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.68	237	256038	73.568	ng	98
43) 2,4,6-Trichlorophenol	12.96	196	179623	41.615	ng	95
44) 2,4,5-Trichlorophenol	13.05	196	182803	37.160	ng	92
46) 1,1'-Biphenyl	13.35	154	575940	41.608	ng	98
47) 2-Chloronaphthalene	13.39	162	446577	39.940	ng	100
48) 2-Nitroaniline	13.60	65	154653	41.581	ng	93
49) Acenaphthylene	14.23	152	728455	40.674	ng	98
50) Dimethylphthalate	13.98	163	682971	45.092	ng	99
51) 2,6-Dinitrotoluene	14.09	165	141134	41.487	ng	96
52) Acenaphthene	14.58	154	441983	40.714	ng	98
53) 3-Nitroaniline	14.43	138	98894	29.104	ng	98
54) 2,4-Dinitrophenol	14.65	184	153502	80.989	ng	93
55) Dibenzofuran	14.92	168	721490	40.911	ng	99
56) 4-Nitrophenol	14.80	139	160828	66.755	ng	99
57) 2,4-Dinitrotoluene	14.89	165	201310	41.302	ng	98
58) Fluorene	15.57	166	605132	41.266	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.16	232	168050	39.359	ng	98
60) Diethylphthalate	15.34	149	640201	41.348	ng	99
61) 4-Chlorophenyl-phenylether	15.56	204	337025	39.875	ng	99
62) 4-Nitroaniline	15.61	138	137525	39.436	ng	93
63) Azobenzene	15.86	77	617302	41.522	ng	97
65) 4,6-Dinitro-2-methylphenol	15.66	198	120696	44.216	ng	100
66) n-Nitrosodiphenylamine	15.78	169	533899	42.675	ng	99
67) 4-Bromophenyl-phenylether	16.45	248	234133	40.795	ng	99
68) Hexachlorobenzene	16.58	284	255027	42.852	ng	98
69) Atrazine	16.74	200	185190	38.147	ng	93
70) Pentachlorophenol	16.94	266	197406	68.473	ng	98
71) Phenanthrene	17.31	178	951669	41.776	ng	99
72) Anthracene	17.40	178	960361	42.335	ng	99
73) Carbazole	17.68	167	887963	41.110	ng	99
74) Di-n-butylphthalate	18.23	149	1058611	41.392	ng	98
75) Fluoranthene	19.33	202	1148507	41.000	ng	99
77) Benzidine	19.51	184	210871	20.148	ng	97
78) Pyrene	19.69	202	1129989	41.915	ng	100
80) Butylbenzylphthalate	20.58	149	471098	41.748	ng	98
81) Benzo(a)anthracene	21.50	228	1081838	41.447	ng	99
82) 3,3'-Dichlorobenzidine	21.42	252	333770	33.806	ng	96
83) Chrysene	21.57	228	1041649	41.260	ng	98
84) Bis(2-ethylhexyl)phthalate	21.42	149	654354	41.689	ng	98
85) Di-n-octyl phthalate	22.58	149	1089935	40.257	ng	100
87) Indeno(1,2,3-cd)pyrene	28.11	276	1358004	45.492	ng	# 95
88) Benzo(b)fluoranthene	23.63	252	1146180	44.396	ng	99
89) Benzo(k)fluoranthene	23.70	252	1102539	44.620	ng	99
90) Benzo(a)pyrene	24.46	252	1033172	42.840	ng	99
91) Dibenzo(a,h)anthracene	28.16	278	1121467	46.849	ng	99
92) Benzo(g,h,i)perylene	29.20	276	1110323	46.341	ng	99

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

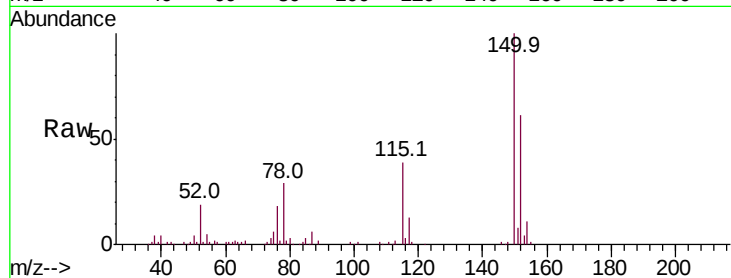


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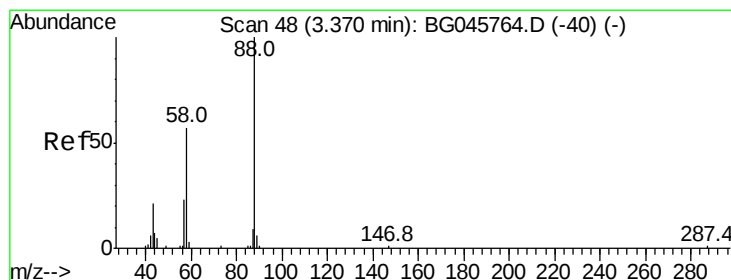
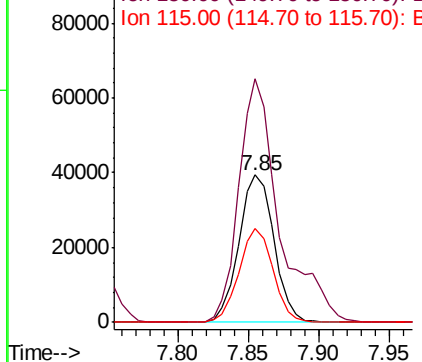
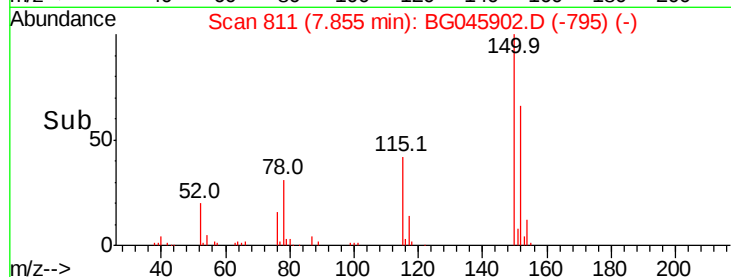
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.85 min Scan# 811
Delta R.T. -0.00 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

Instrument :
BNA_G
ClientSampleId :
CL-01-062420MSD

Tot Ion:152 Resp: 68500
Ion Ratio Lower Upper
152 100
150 165.1 121.2 181.8
115 63.7 47.5 71.3



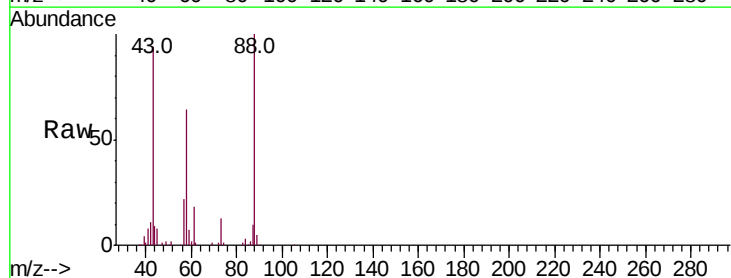
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



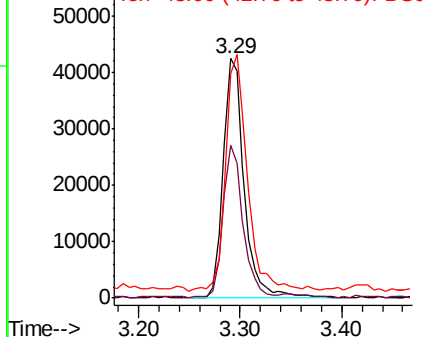
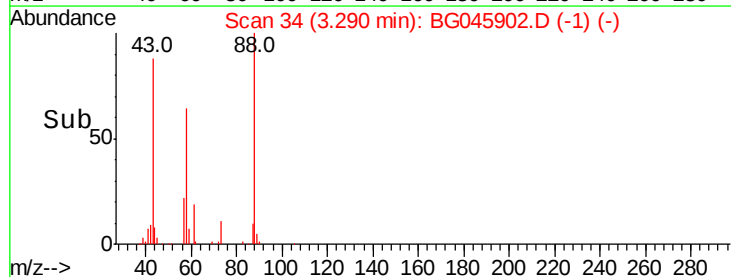
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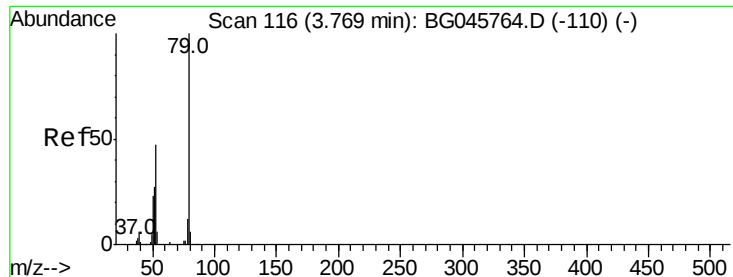
1,4-Dioxane
Concen: 32.941 ng
RT: 3.29 min Scan# 34
Delta R.T. 0.00 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

Tgt Ion: 88 Resp: 61180
Ion Ratio Lower Upper
88 100
58 59.2 46.6 70.0
43 101.5 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: 27.401 ng

RT: 3.71 min Scan# 105

Delta R.T. 0.01 min

Lab File: BG045902.D

Acq: 1 Jul 2020 12:23

Instrument :

BNA_G

ClientSampleId :

CL-01-062420MSD

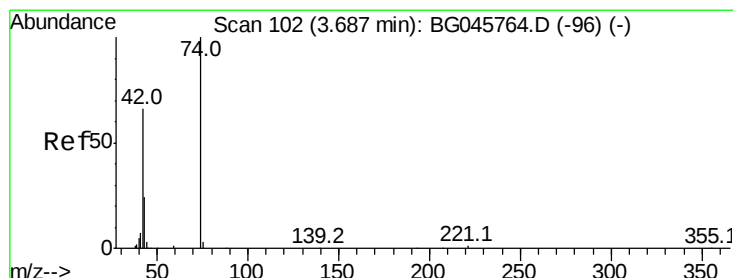
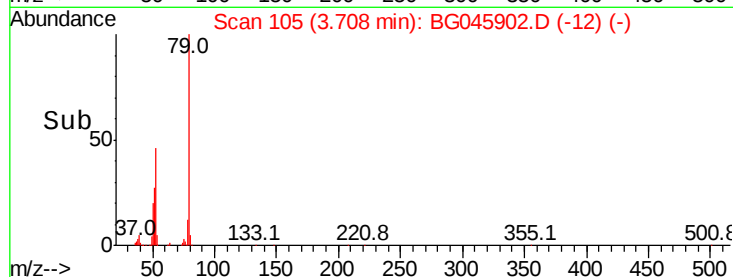
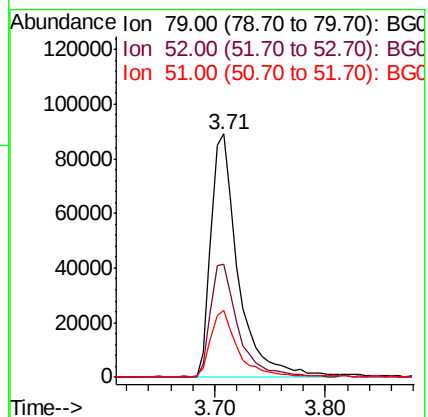
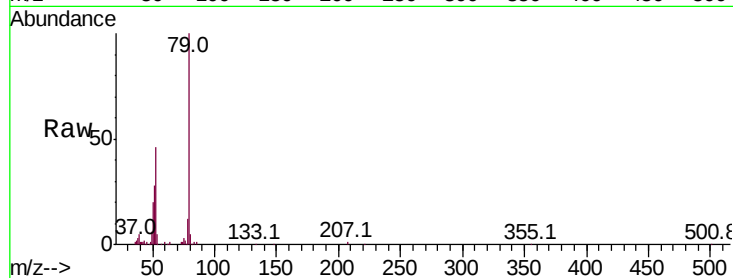
Tot Ion: 79 Resp: 150803

Ion Ratio Lower Upper

79 100

52 46.5 39.0 58.6

51 27.6 21.2 31.8



#4

n-Nitrosodimethylamine

Concen: 41.438 ng

RT: 3.61 min Scan# 88

Delta R.T. -0.00 min

Lab File: BG045902.D

Acq: 1 Jul 2020 12:23

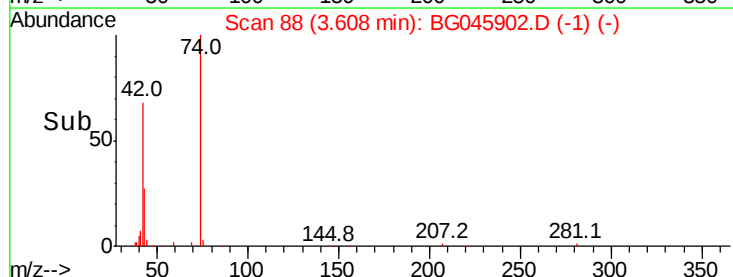
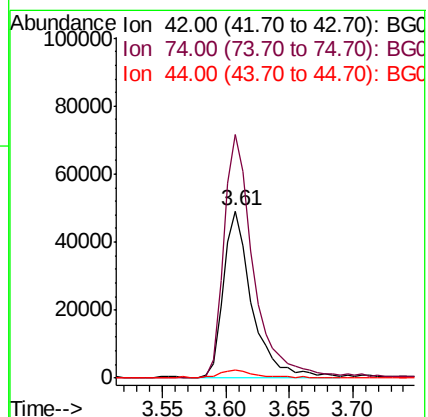
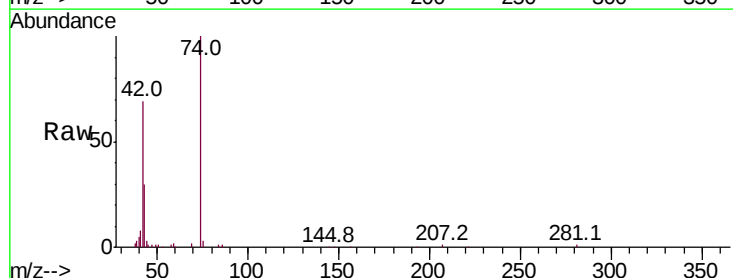
Tgt Ion: 42 Resp: 76552

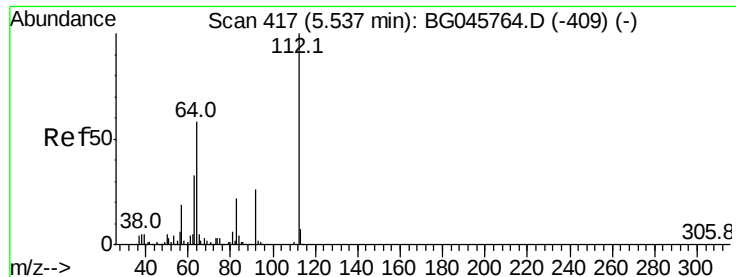
Ion Ratio Lower Upper

42 100

74 145.6 120.5 180.7

44 4.6 4.2 6.4





#5

2-Fluorophenol

Concen: 110.977 ng

RT: 5.46 min Scan# 403

Delta R.T. 0.00 min

Lab File: BG045902.D

Acq: 1 Jul 2020 12:23

Instrument :

BNA_G

ClientSampleId :

CL-01-062420MSD

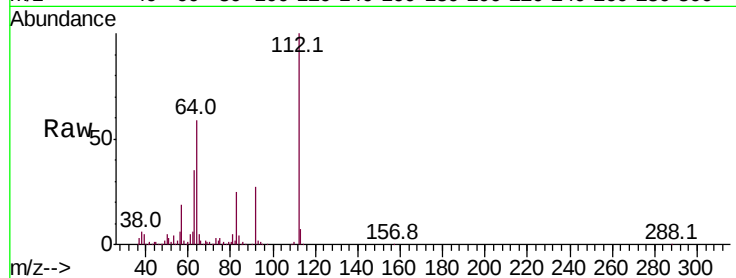
Tot Ion:112 Resp: 450020

Ion Ratio Lower Upper

112 100

64 59.1 48.5 72.7

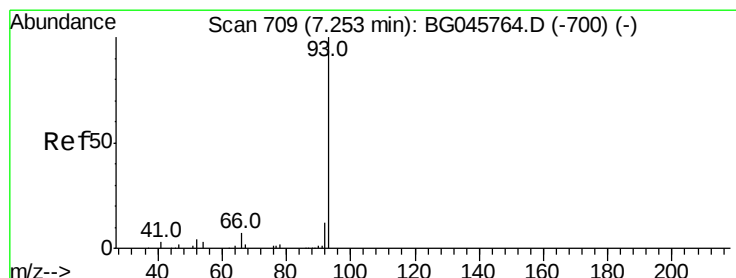
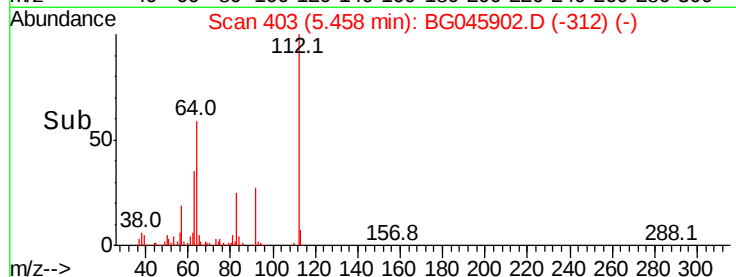
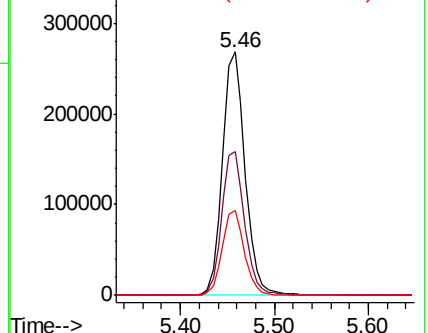
63 35.1 26.5 39.7



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: 25.599 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG045902.D

Acq: 1 Jul 2020 12:23

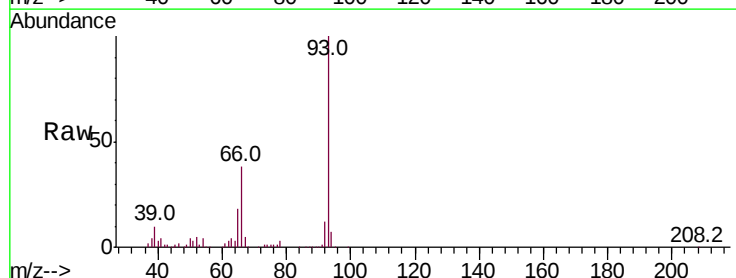
Tgt Ion: 93 Resp: 185923

Ion Ratio Lower Upper

93 100

66 38.3 30.1 45.1

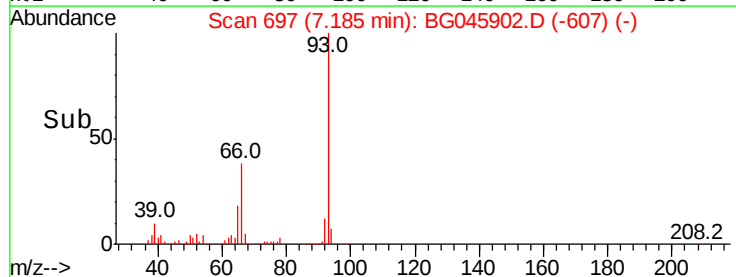
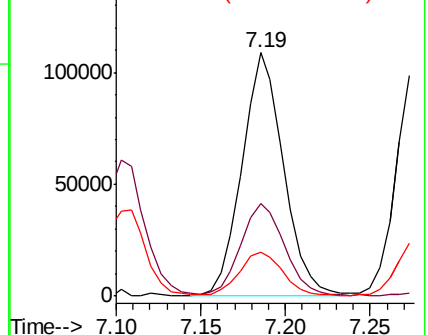
65 18.1 14.9 22.3

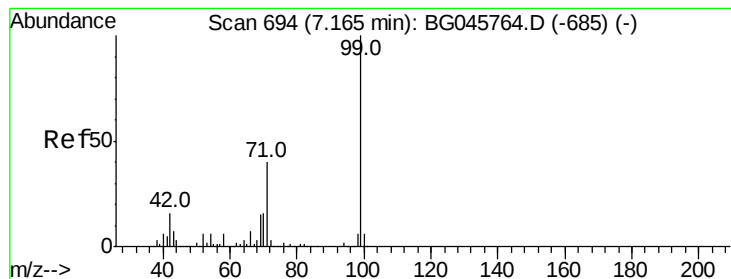


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 94.394 ng

RT: 7.08 min Scan# 679

Delta R.T. -0.00 min

Lab File: BG045902.D

Acq: 1 Jul 2020 12:23

Instrument :

BNA_G

ClientSampleId :

CL-01-062420MSD

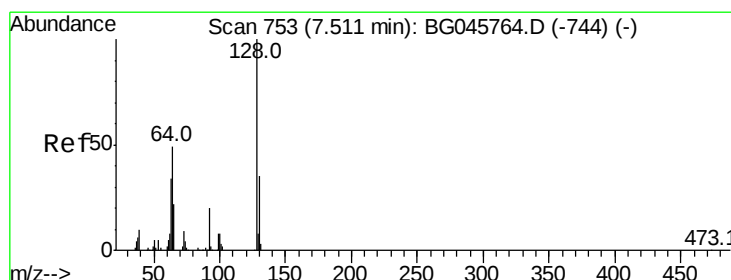
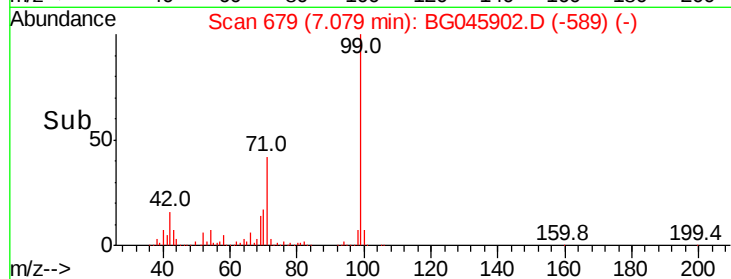
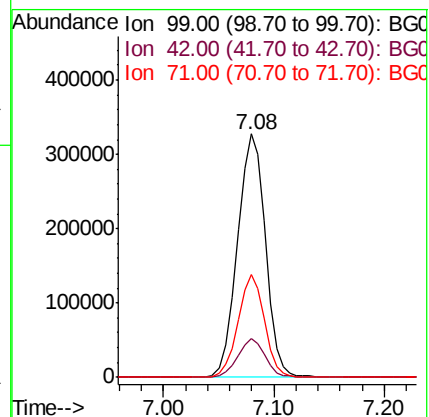
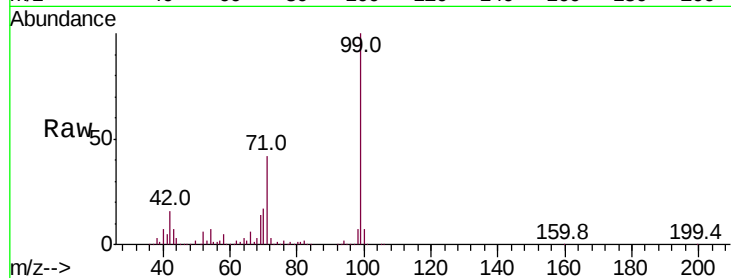
Tot Ion: 99 Resp: 582233

Ion Ratio Lower Upper

99 100

42 16.1 12.0 18.0

71 42.3 31.0 46.4



#8

2-Chlorophenol

Concen: 44.042 ng

RT: 7.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BG045902.D

Acq: 1 Jul 2020 12:23

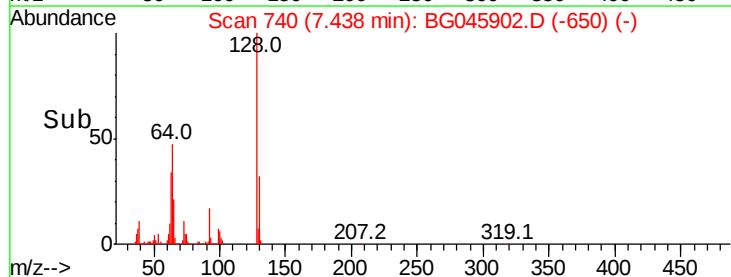
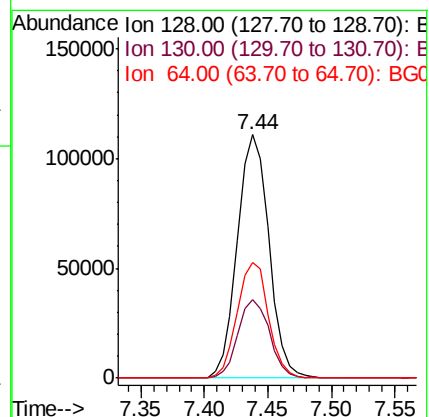
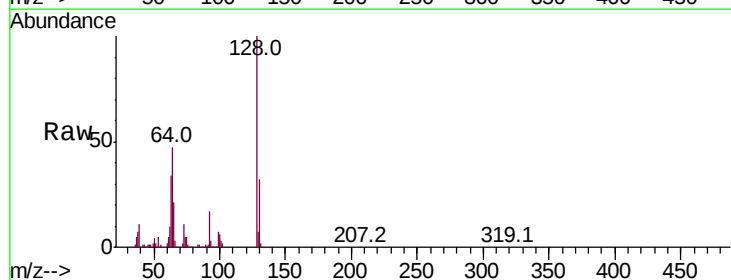
Tgt Ion:128 Resp: 191166

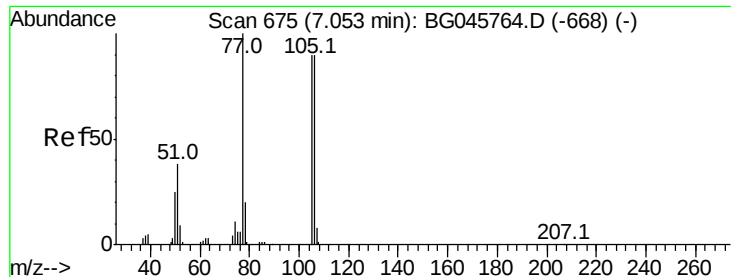
Ion Ratio Lower Upper

128 100

130 32.4 14.2 54.2

64 47.4 27.3 67.3





#9

Benzaldehyde

Concen: 11.536 ng

RT: 6.99 min Scan# 664

Delta R.T. -0.00 min

Lab File: BG045902.D

Acq: 1 Jul 2020 12:23

Instrument :

BNA_G

ClientSampleId :

CL-01-062420MSD

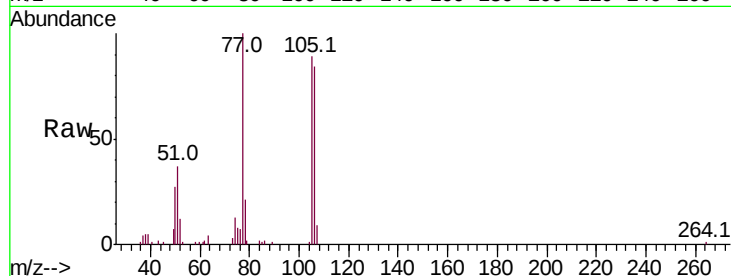
Tot Ion: 77 Resp: 42737

Ion Ratio Lower Upper

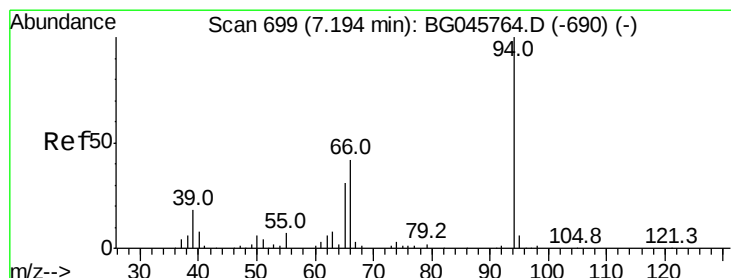
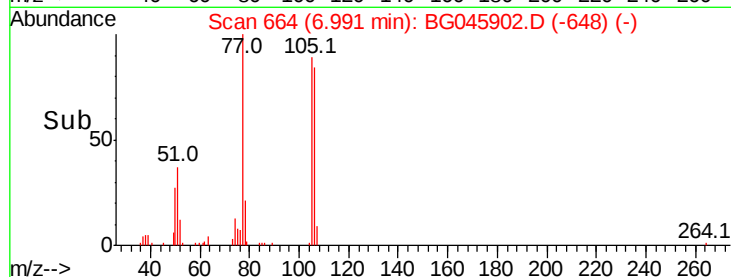
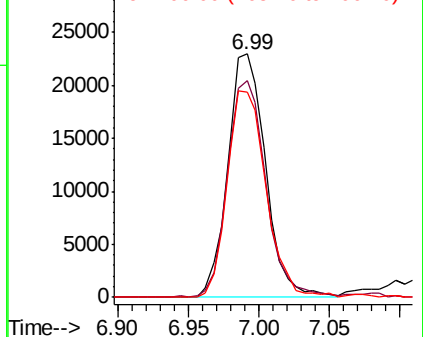
77 100

105 88.8 72.6 112.6

106 84.1 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: 35.783 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG045902.D

Acq: 1 Jul 2020 12:23

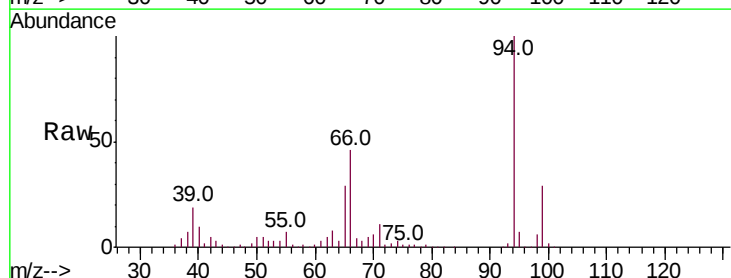
Tgt Ion: 94 Resp: 213856

Ion Ratio Lower Upper

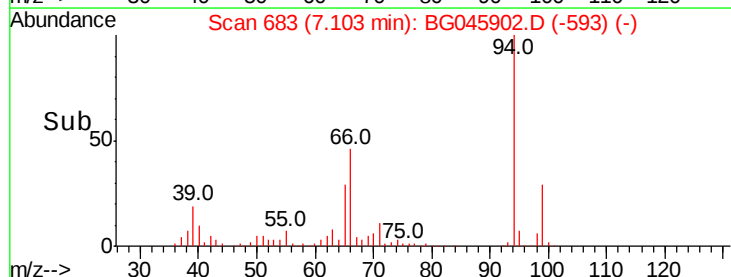
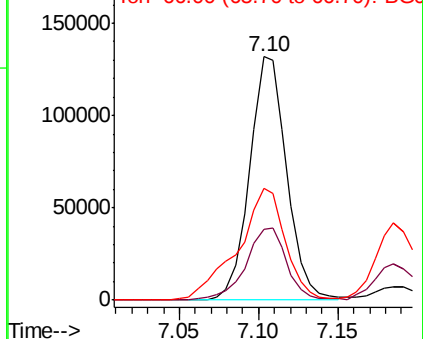
94 100

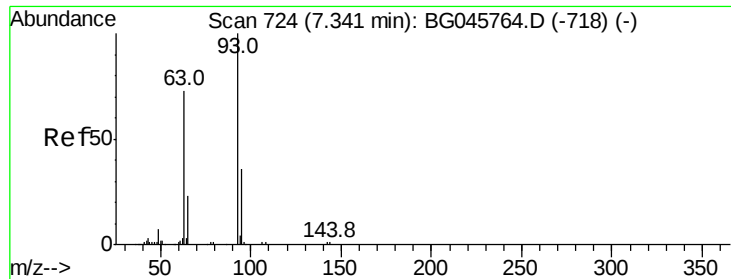
65 28.8 10.1 50.1

66 46.0 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

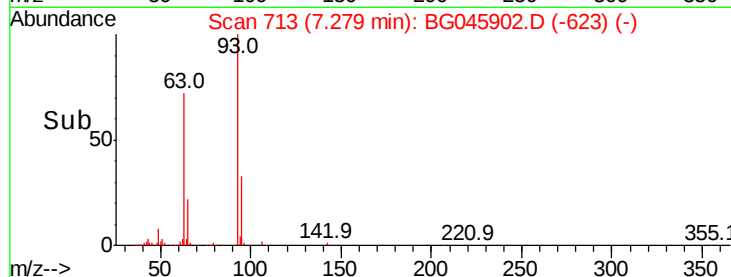
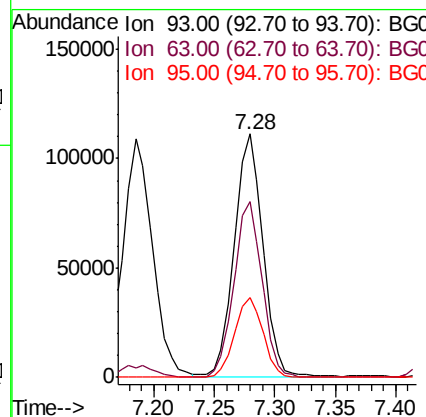
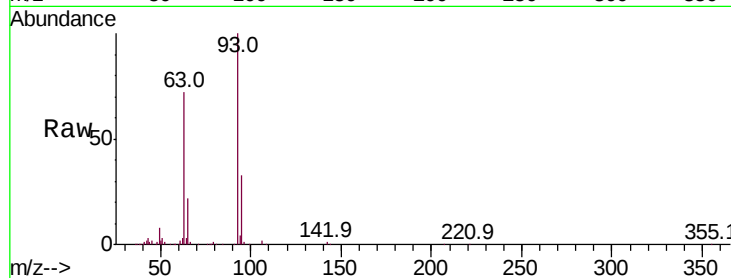




#11
bis(2-Chloroethyl)ether
Concen: 40.503 ng
RT: 7.28 min Scan# 713
Delta R.T. -0.00 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

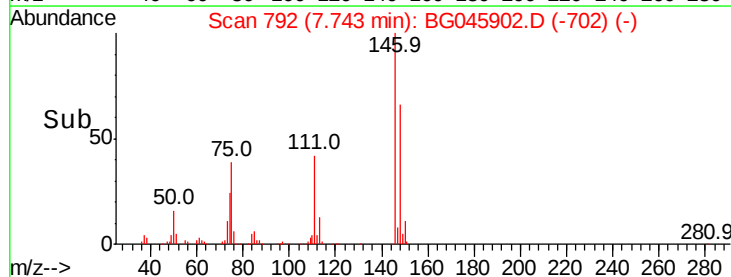
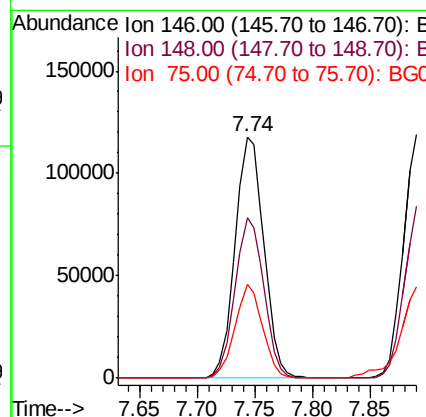
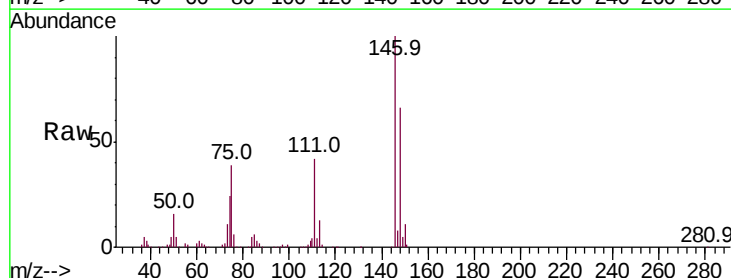
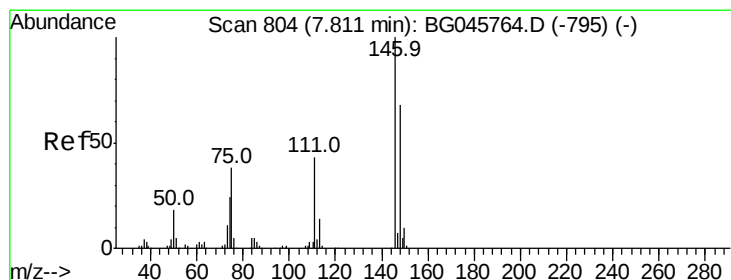
Instrument :
BNA_G
ClientSampleId :
CL-01-062420MSD

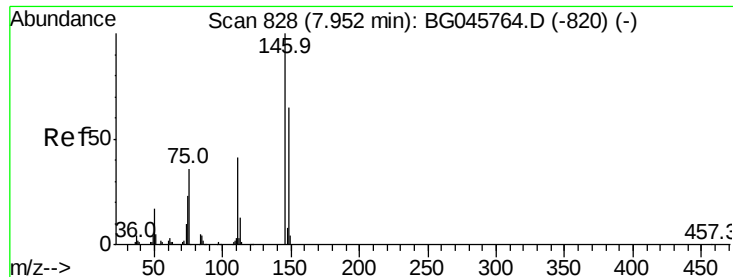
Tot Ion: 93 Resp: 183866
Ion Ratio Lower Upper
93 100
63 72.1 51.2 91.2
95 32.7 14.1 54.1



#12
1,3-Dichlorobenzene
Concen: 39.337 ng
RT: 7.74 min Scan# 792
Delta R.T. -0.00 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

Tgt Ion: 146 Resp: 203473
Ion Ratio Lower Upper
146 100
148 66.4 55.7 83.5
75 38.7 29.8 44.8

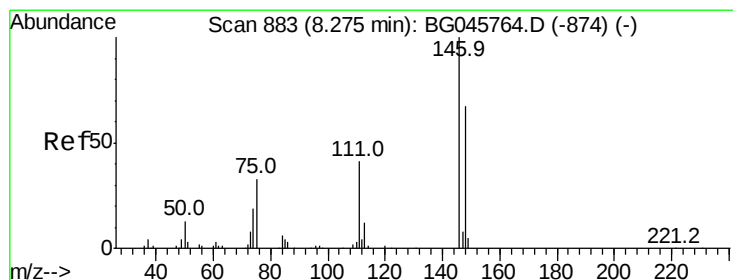
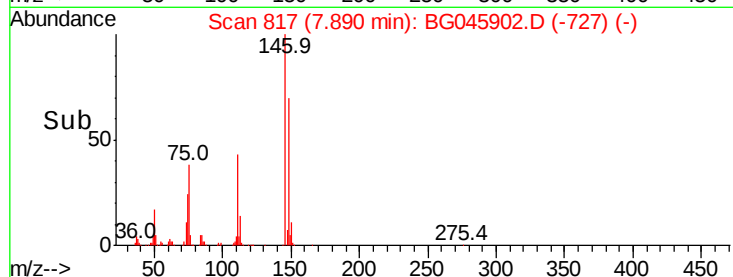
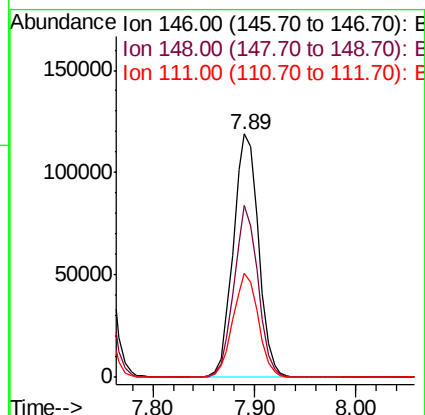
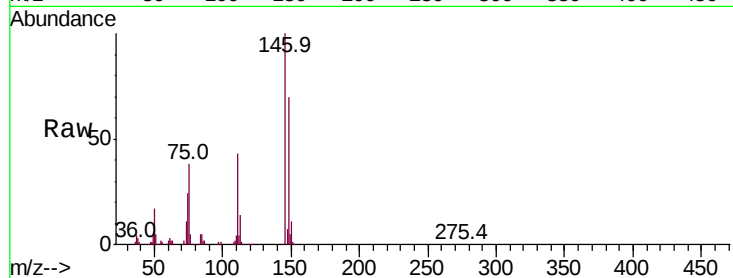




#13
1,4-Dichlorobenzene
Concen: 39.807 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.00 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

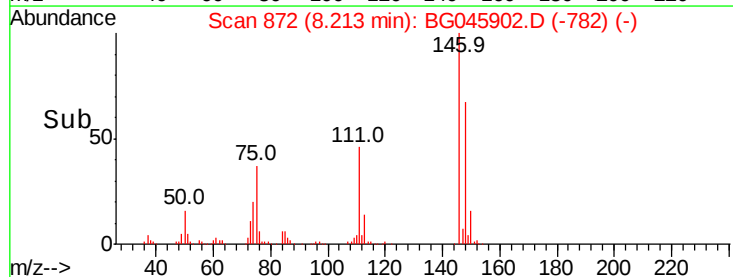
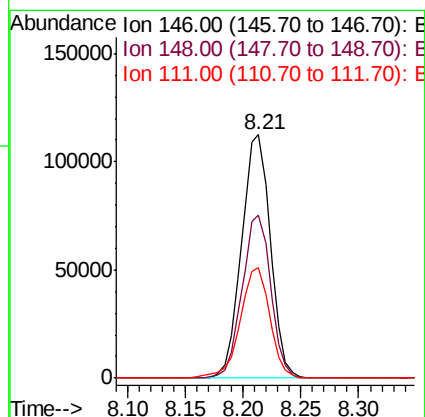
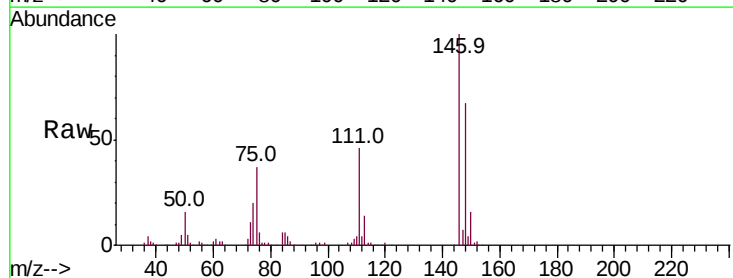
Instrument :
BNA_G
ClientSampleId :
CL-01-062420MSD

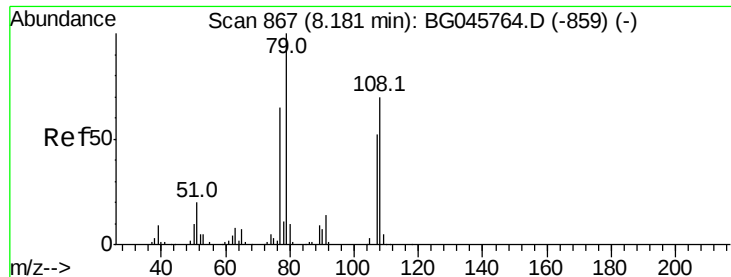
Tot Ion	Ratio	Lower	Upper
146	100		
148	70.4	52.9	79.3
111	43.0	33.3	49.9



#14
1,2-Dichlorobenzene
Concen: 39.350 ng
RT: 8.21 min Scan# 872
Delta R.T. -0.00 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.8	54.9	82.3
111	45.6	36.6	55.0





#15

Benzyl Alcohol

Concen: 43.178 ng

RT: 8.11 min Scan# 855

Delta R.T. -0.00 min

Lab File: BG045902.D

Acq: 1 Jul 2020 12:23

Instrument :

BNA_G

ClientSampleId :

CL-01-062420MSD

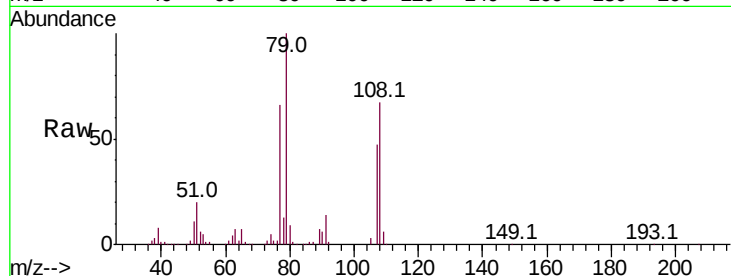
Tot Ion: 79 Resp: 206100

Ion Ratio Lower Upper

79 100

108 66.9 54.7 82.1

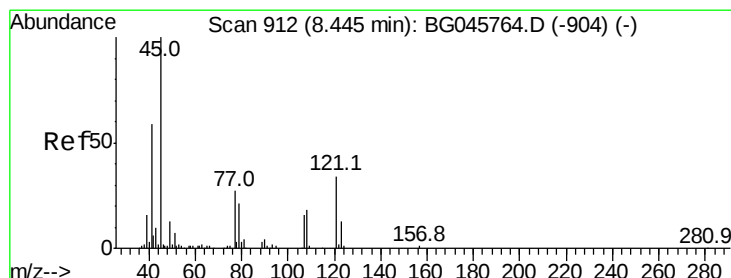
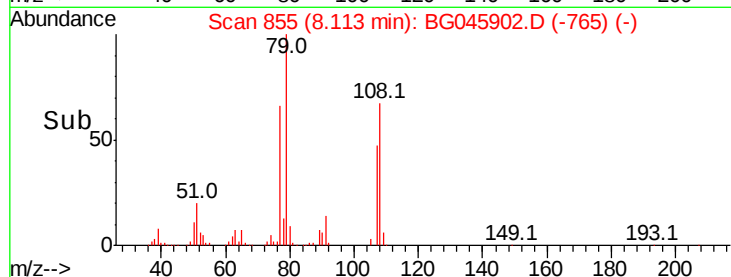
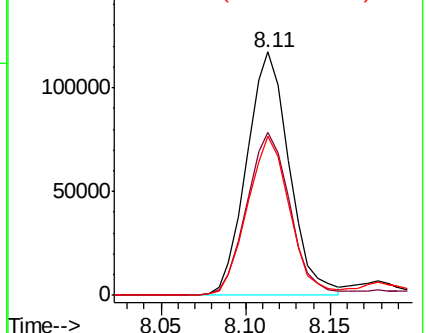
77 65.5 52.6 79.0



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.604 ng

RT: 8.39 min Scan# 902

Delta R.T. -0.01 min

Lab File: BG045902.D

Acq: 1 Jul 2020 12:23

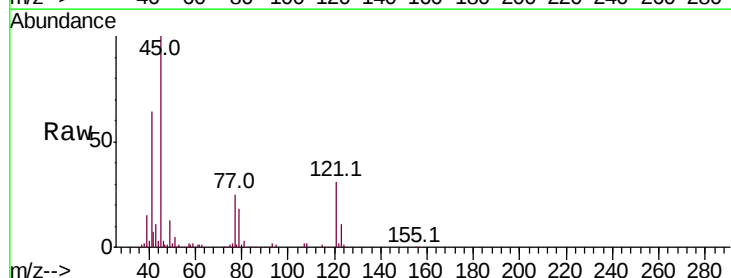
Tgt Ion: 45 Resp: 169442

Ion Ratio Lower Upper

45 100

77 24.7 2.6 42.6

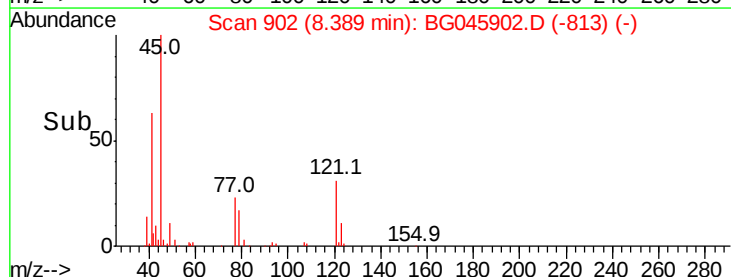
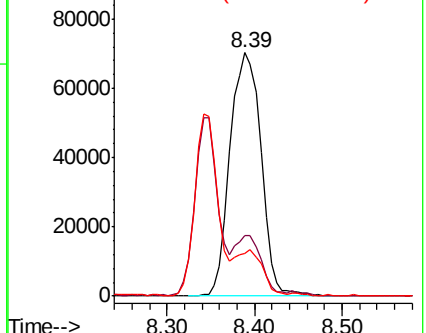
79 17.8 0.0 38.7

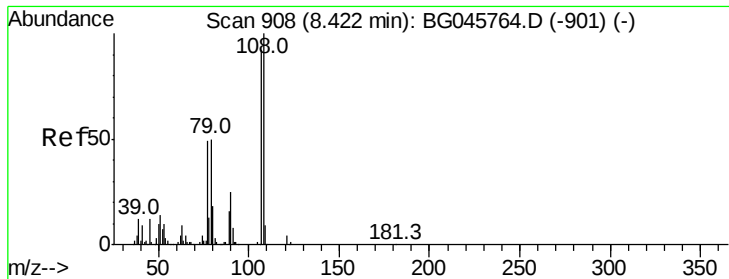


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

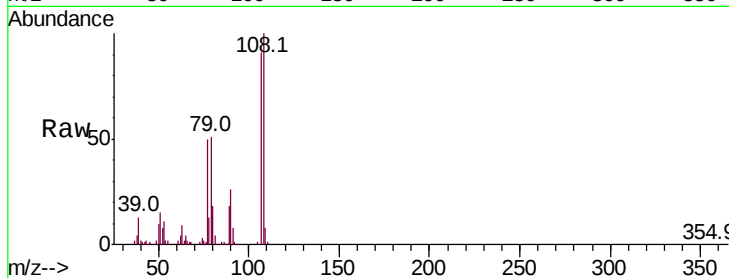




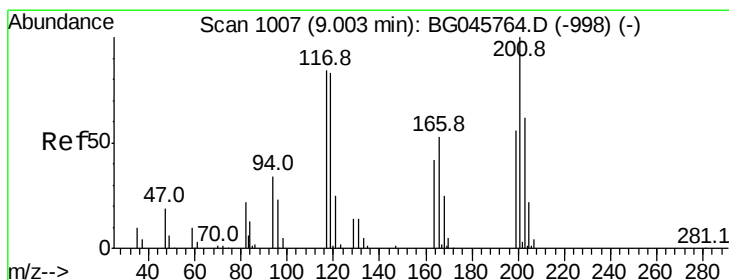
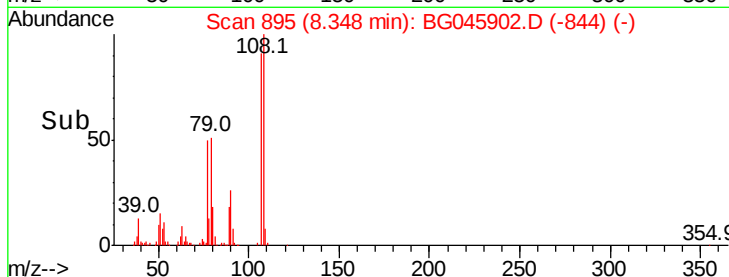
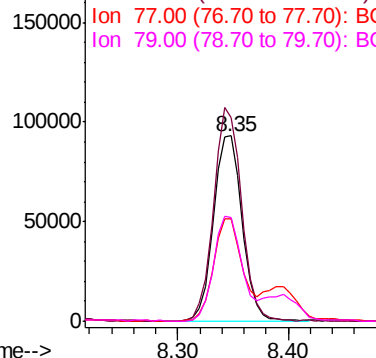
#17
2-Methylphenol
Concen: 38.242 ng
RT: 8.35 min Scan# 895
Delta R.T. 0.00 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

Instrument :
BNA_G
ClientSampleId :
CL-01-062420MSD

Tot Ion:107 Resp: 170090
Ion Ratio Lower Upper
107 100
108 110.3 94.2 141.4
77 55.6 43.6 65.4
79 55.8 44.3 66.5

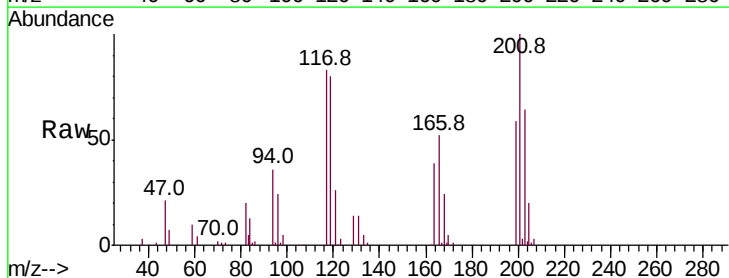


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

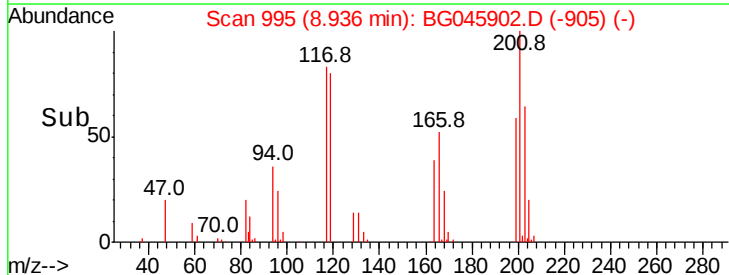
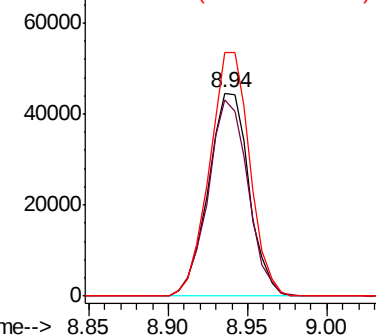


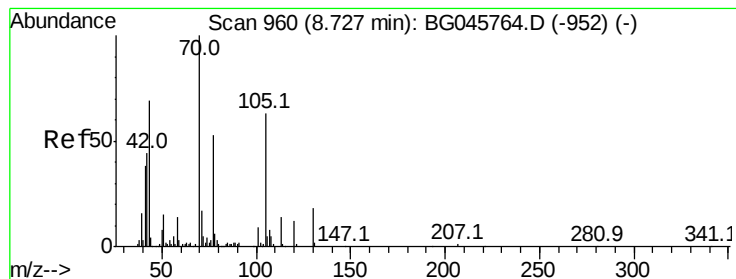
#18
Hexachloroethane
Concen: 40.297 ng
RT: 8.94 min Scan# 995
Delta R.T. -0.00 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

Tgt Ion:117 Resp: 79075
Ion Ratio Lower Upper
117 100
119 96.4 78.7 118.1
201 119.8 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: 42.321 ng

RT: 8.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BG045902.D

Acq: 1 Jul 2020 12:23

Instrument :

BNA_G

ClientSampleId :

CL-01-062420MSD

Tot Ion: 70 Resp: 171619

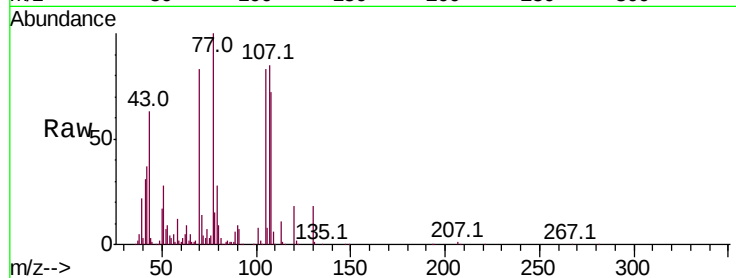
Ion Ratio Lower Upper

70 100

42 44.3 33.9 50.9

101 9.3 8.0 12.0

130 21.2 14.9 22.3

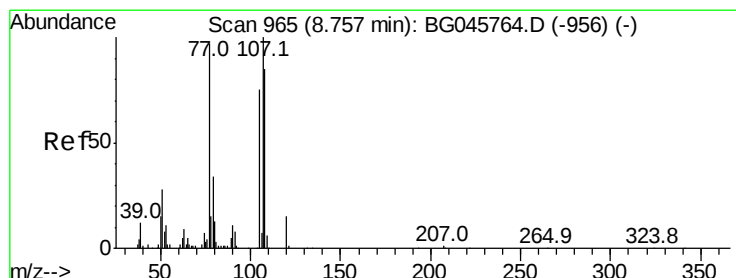
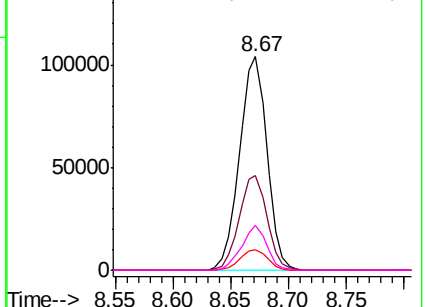
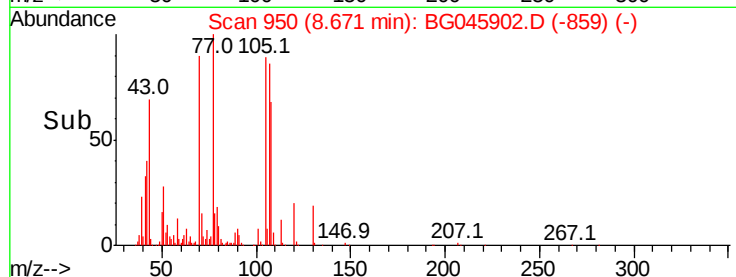


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 38.438 ng

RT: 8.68 min Scan# 951

Delta R.T. -0.00 min

Lab File: BG045902.D

Acq: 1 Jul 2020 12:23

Tgt Ion:107 Resp: 224844

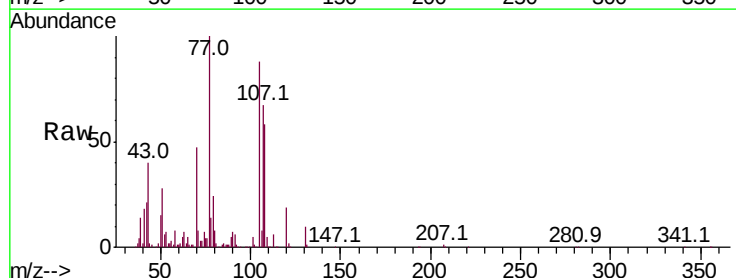
Ion Ratio Lower Upper

107 100

108 87.0 68.2 108.2

77 149.5 113.1 153.1

79 35.6 13.0 53.0

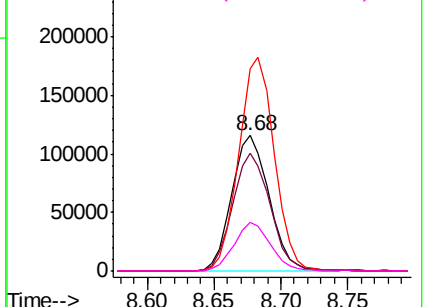
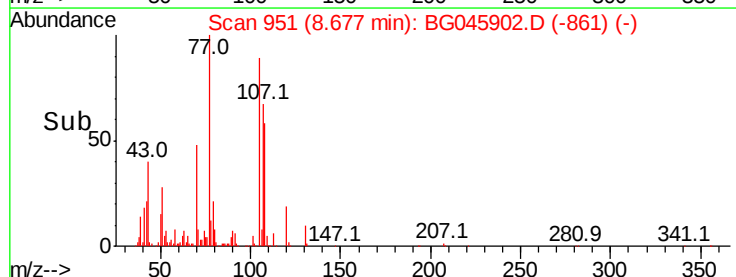


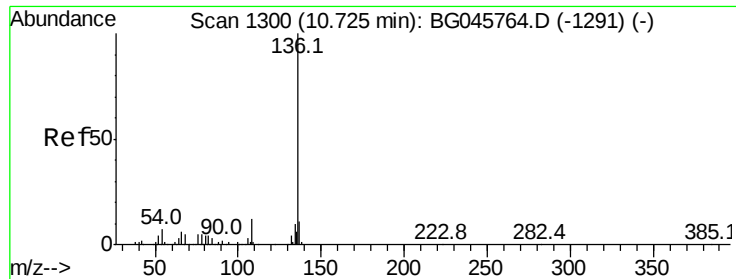
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.66 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BG045902.D

Acq: 1 Jul 2020 12:23

Instrument :

BNA_G

ClientSampleId :

CL-01-062420MSD

Tot Ion:136 Resp: 268520

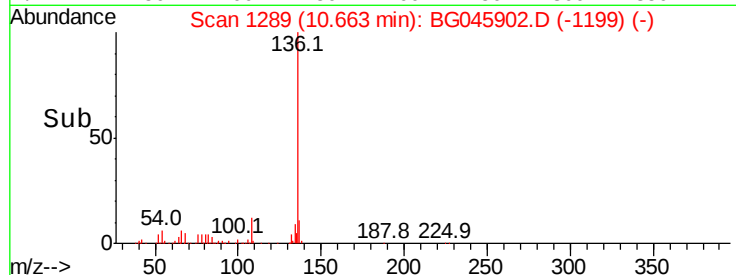
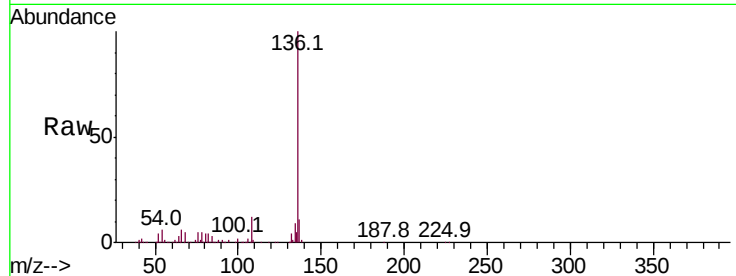
Ion Ratio Lower Upper

136 100

137 11.2 9.4 14.0

54 6.1 4.9 7.3

68 5.4 3.9 5.9

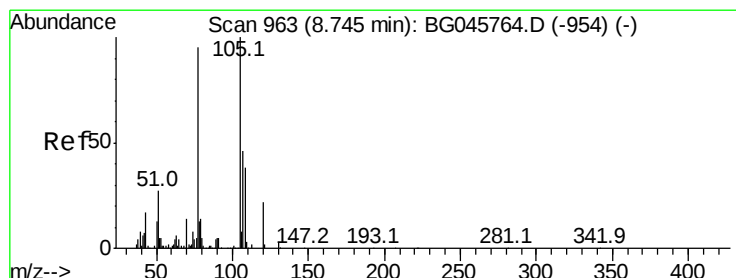
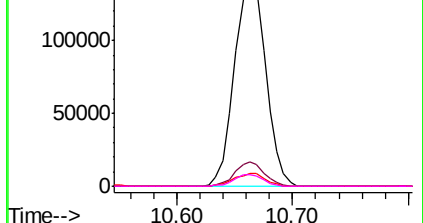


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 40.889 ng

RT: 8.68 min Scan# 952

Delta R.T. -0.00 min

Lab File: BG045902.D

Acq: 1 Jul 2020 12:23

Tgt Ion:105 Resp: 301354

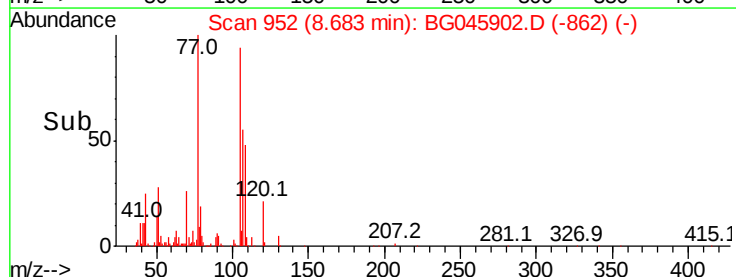
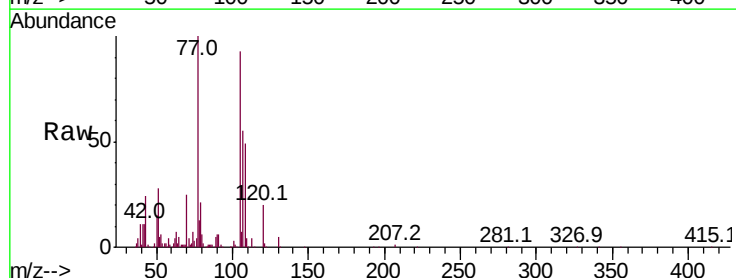
Ion Ratio Lower Upper

105 100

71 4.4 3.5 5.3

51 29.7 24.5 36.7

120 22.0 17.4 26.2

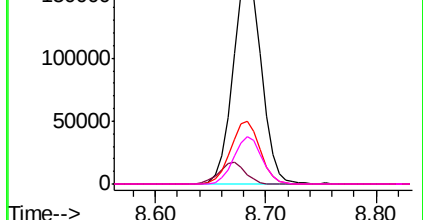


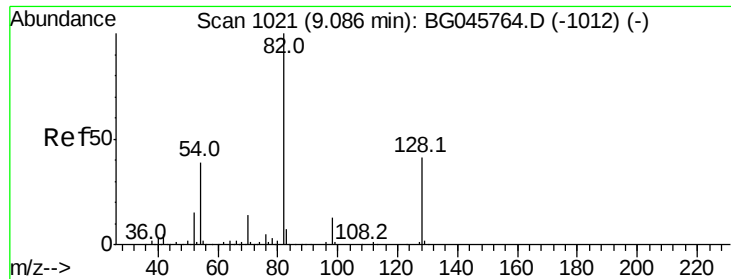
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

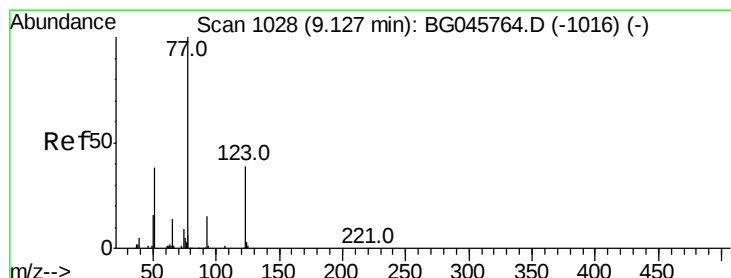
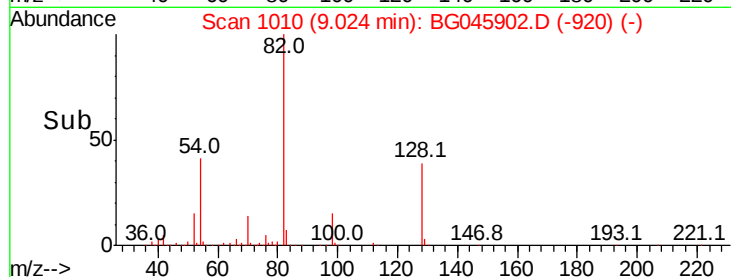
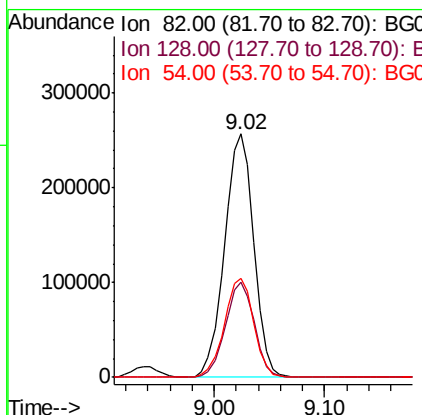
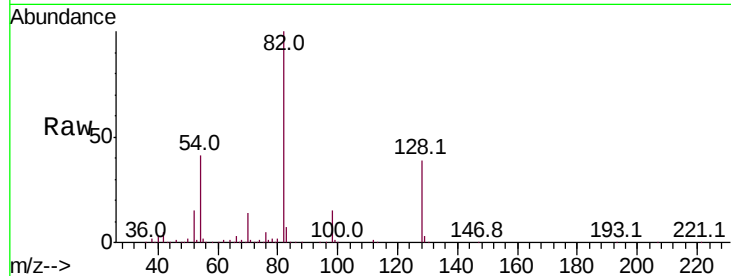




#23
 Nitrobenzene-d5
 Concen: 80.780 ng
 RT: 9.02 min Scan# 1010
 Delta R.T. -0.00 min
 Lab File: BG045902.D
 Acq: 1 Jul 2020 12:23

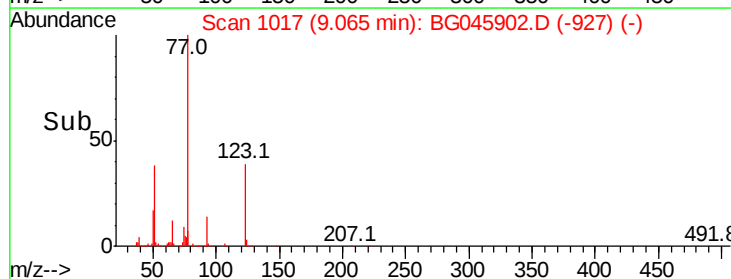
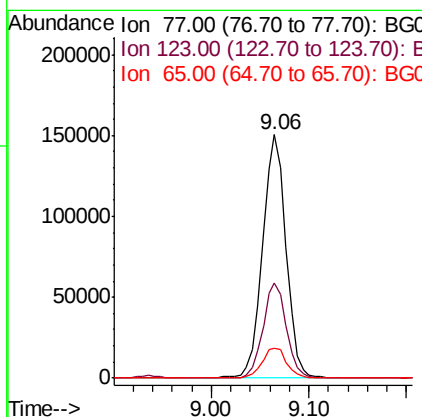
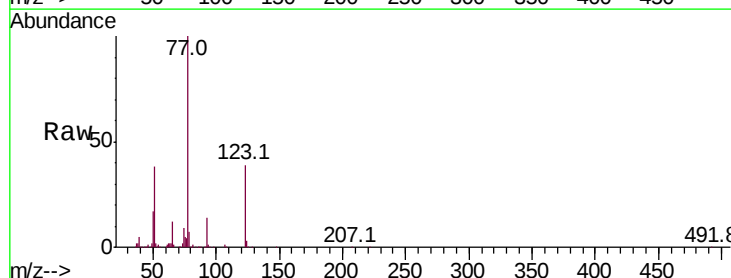
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-062420MSD

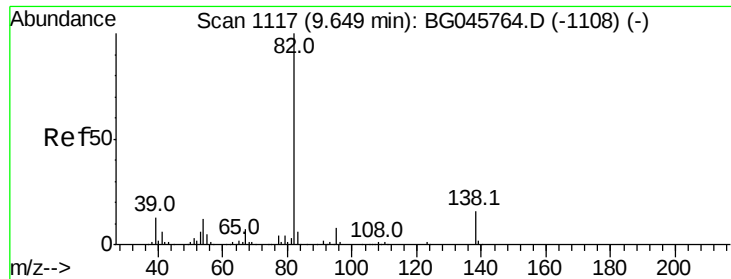
Tot Ion: 82 Resp: 474813
 Ion Ratio Lower Upper
 82 100
 128 39.2 31.3 46.9
 54 40.5 32.6 49.0



#24
 Nitrobenzene
 Concen: 40.614 ng
 RT: 9.06 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: BG045902.D
 Acq: 1 Jul 2020 12:23

Tgt Ion: 77 Resp: 254535
 Ion Ratio Lower Upper
 77 100
 123 39.2 30.3 45.5
 65 12.1 10.3 15.5

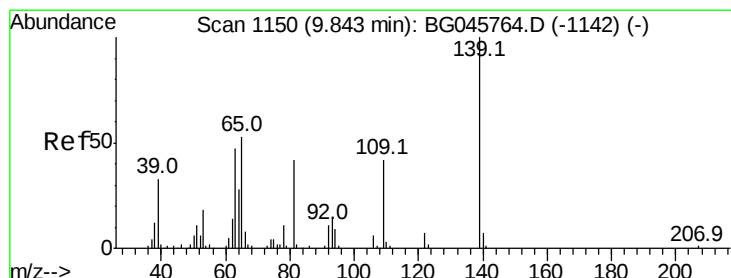
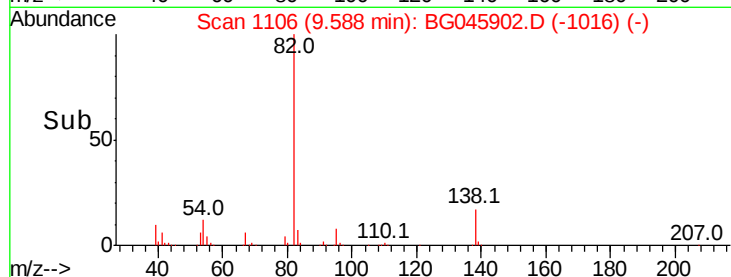
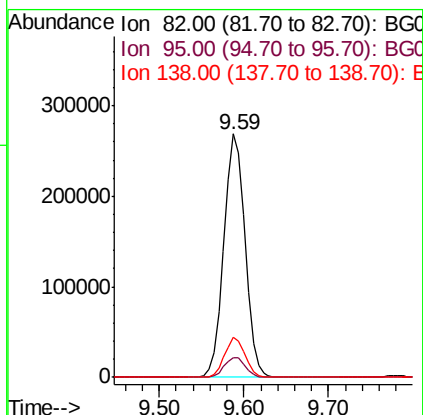
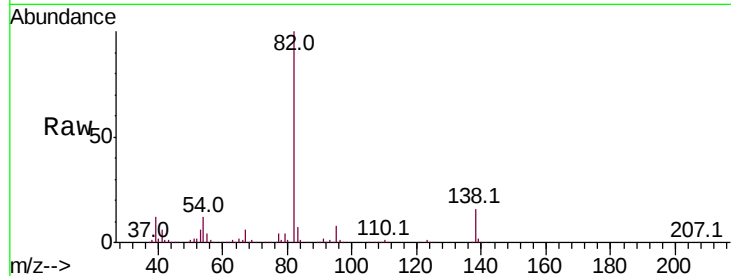




#25
Isophorone
Concen: 40.953 ng
RT: 9.59 min Scan# 1106
Delta R.T. -0.00 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

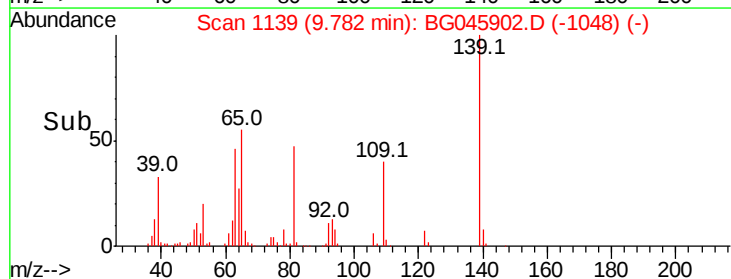
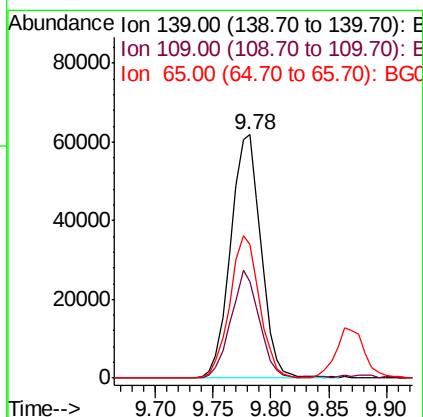
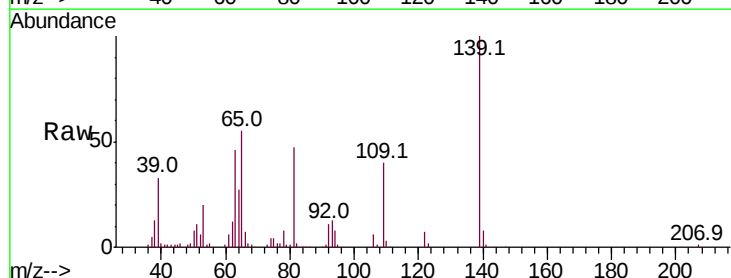
Instrument :
BNA_G
ClientSampleId :
CL-01-062420MSD

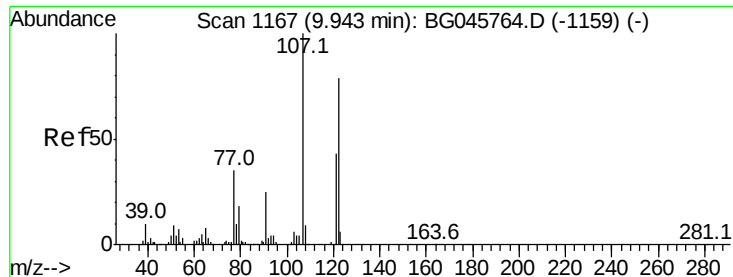
Tot Ion: 82 Resp: 466005
Ion Ratio Lower Upper
82 100
95 7.9 6.5 9.7
138 16.3 13.4 20.2



#26
2-Nitrophenol
Concen: 43.017 ng
RT: 9.78 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

Tgt Ion: 139 Resp: 112318
Ion Ratio Lower Upper
139 100
109 39.8 32.4 48.6
65 54.6 47.8 71.6

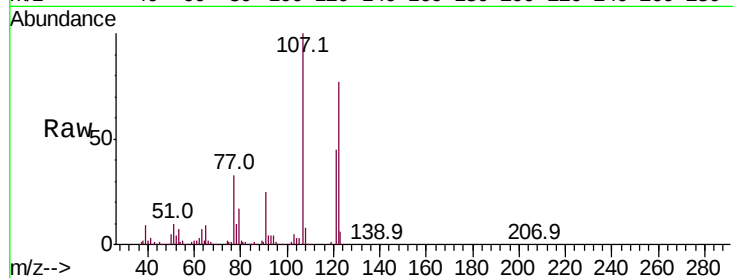




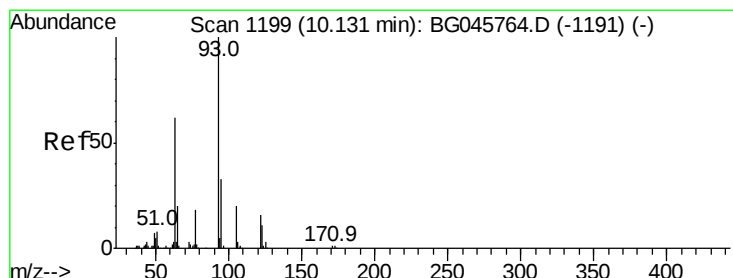
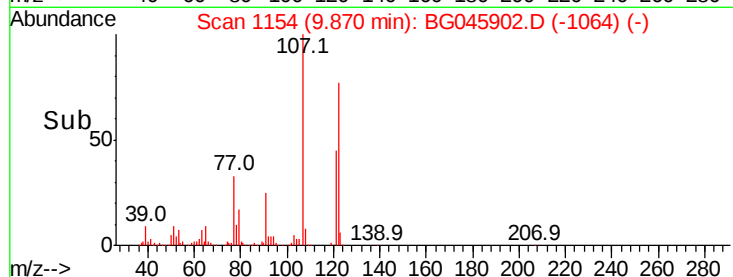
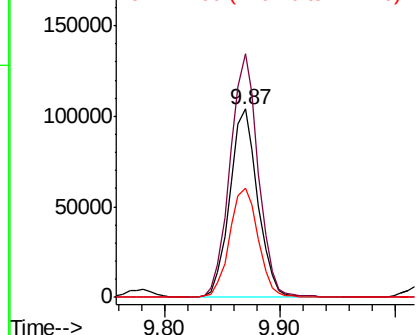
#27
2,4-Dimethylphenol
Concen: 43.771 ng
RT: 9.87 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

Instrument :
BNA_G
ClientSampleId :
CL-01-062420MSD

Tot Ion:122 Resp: 174484
Ion Ratio Lower Upper
122 100
107 129.3 103.1 154.7
121 58.1 47.1 70.7

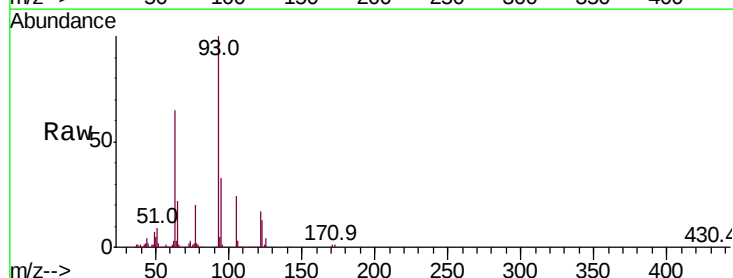


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

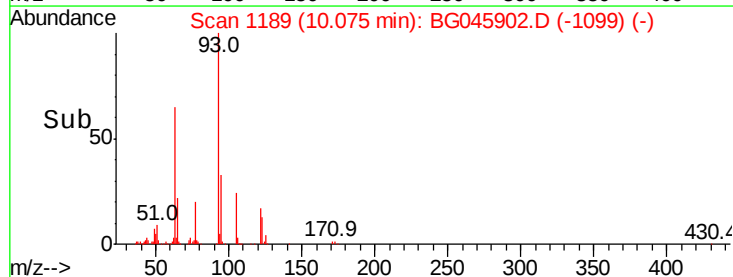
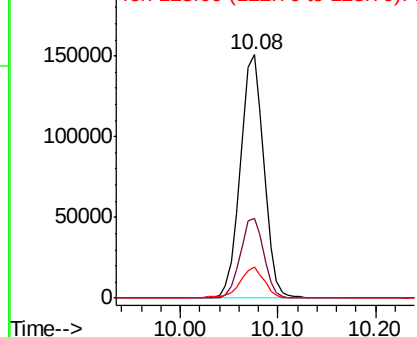


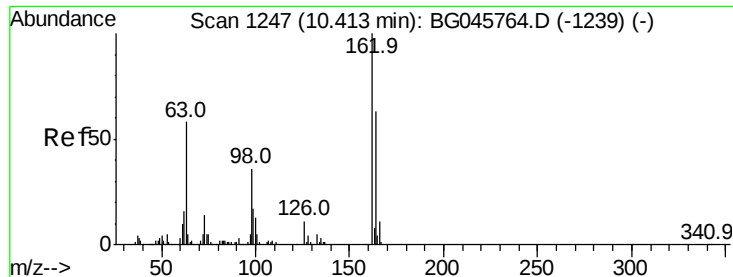
#28
bis(2-Chloroethoxy)methane
Concen: 42.626 ng
RT: 10.08 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

Tgt Ion: 93 Resp: 253361
Ion Ratio Lower Upper
93 100
95 32.7 25.0 37.6
123 12.7 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

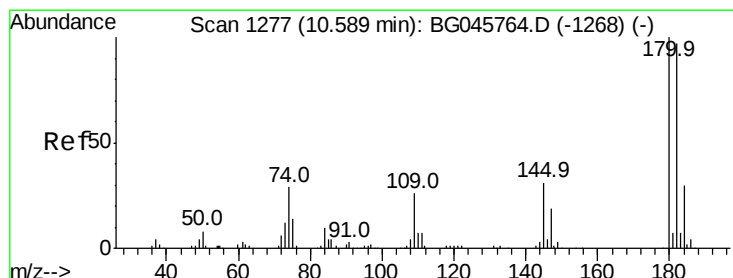
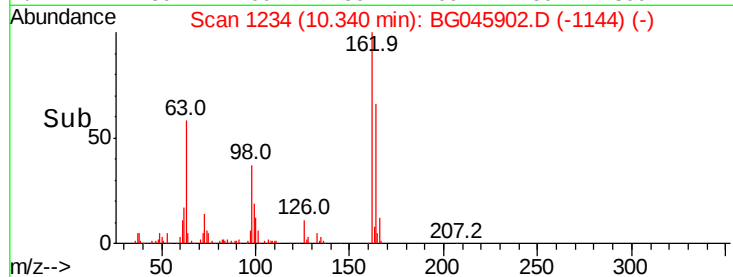
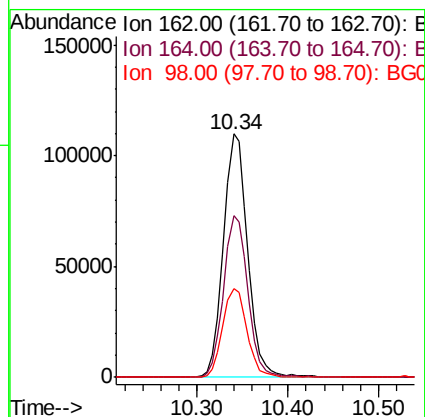
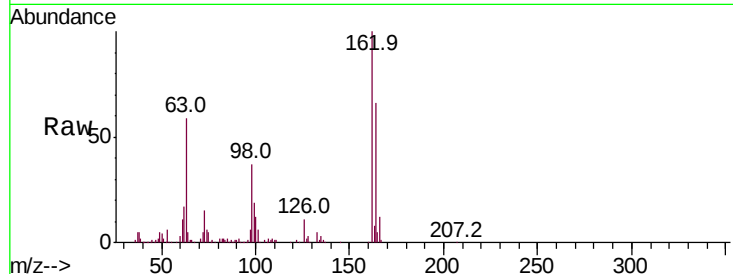




#29
 2,4-Dichlorophenol
 Concen: 43.762 ng
 RT: 10.34 min Scan# 1234
 Delta R.T. -0.00 min
 Lab File: BG045902.D
 Acq: 1 Jul 2020 12:23

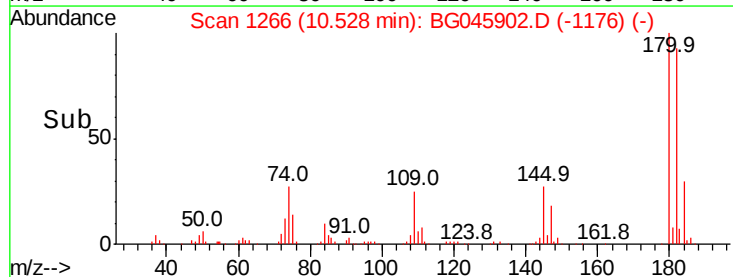
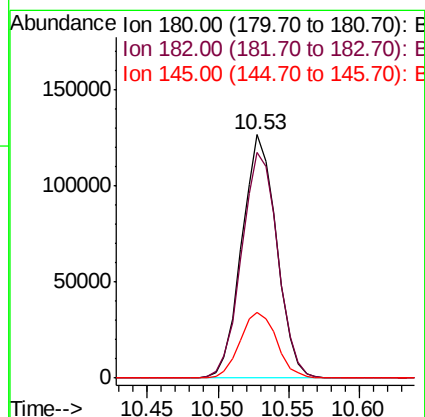
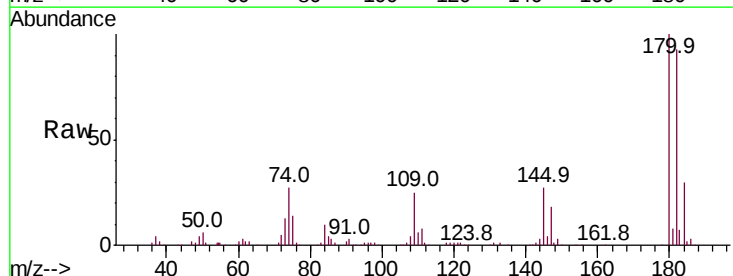
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-062420MSD

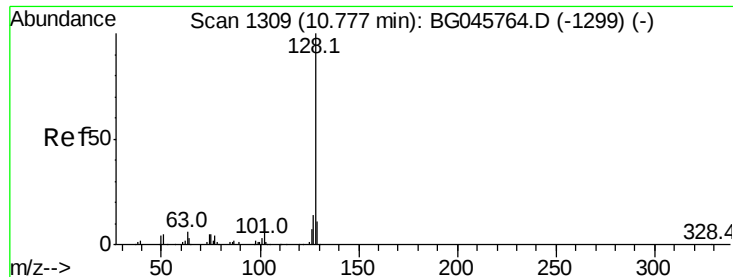
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.4	50.3	90.3
98	36.6	16.9	56.9



#30
 1,2,4-Trichlorobenzene
 Concen: 39.547 ng
 RT: 10.53 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: BG045902.D
 Acq: 1 Jul 2020 12:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.6	75.0	112.4
145	26.9	22.9	34.3

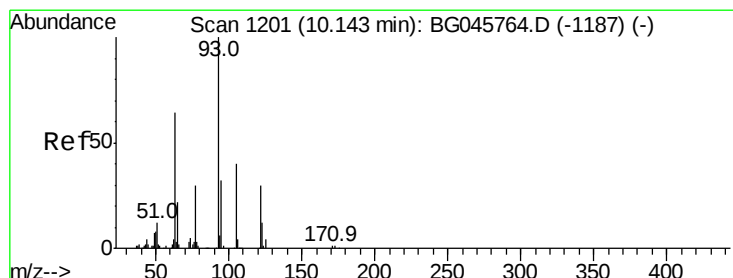
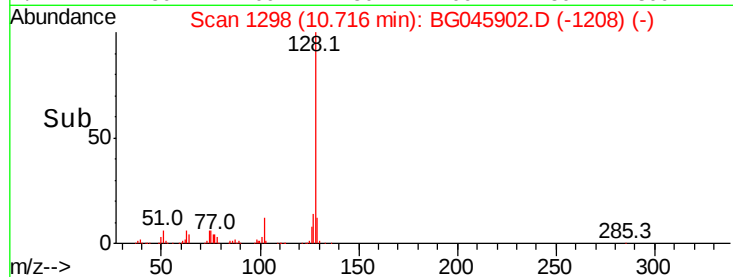
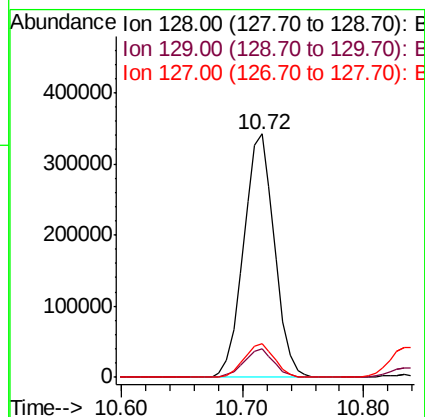
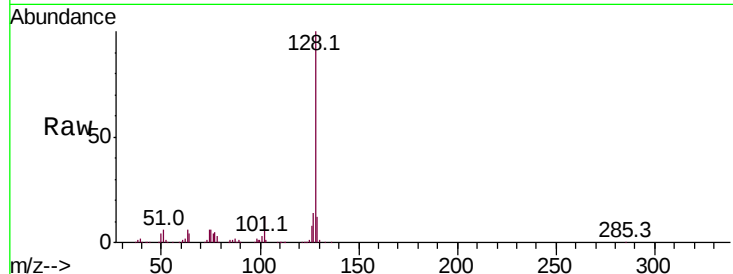




#31
Naphthalene
Concen: 41.279 ng
RT: 10.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

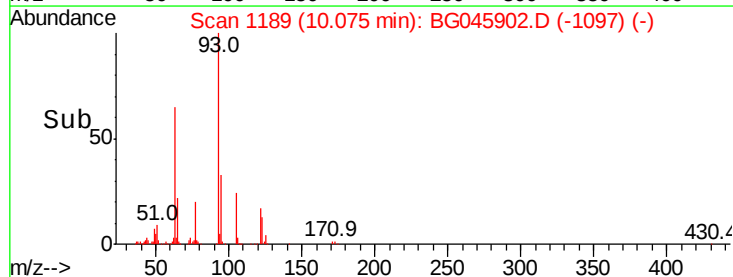
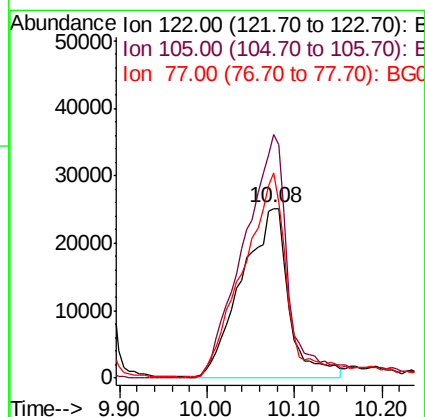
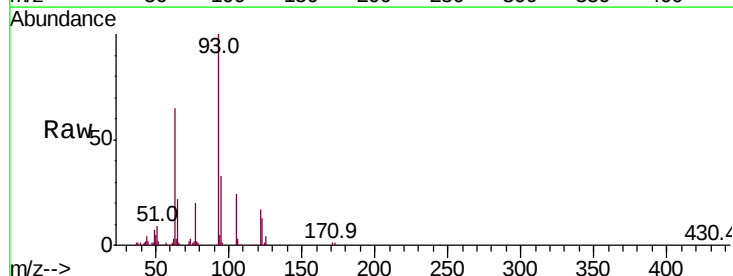
Instrument :
BNA_G
ClientSampleId :
CL-01-062420MSD

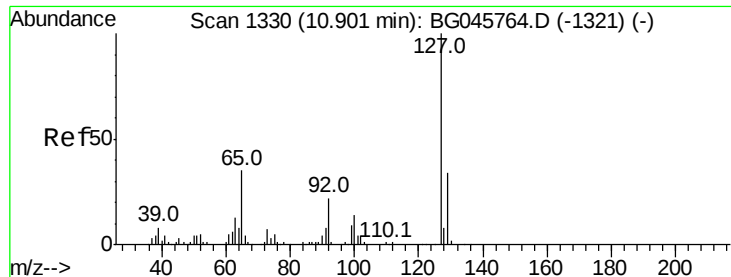
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.8	14.8
127	13.6	11.1	16.7



#32
Benzoic acid
Concen: 38.226 ng
RT: 10.08 min Scan# 1189
Delta R.T. 0.01 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

Tgt Ion	Ratio	Lower	Upper
122	100		
105	143.3	110.1	150.1
77	121.1	94.1	134.1

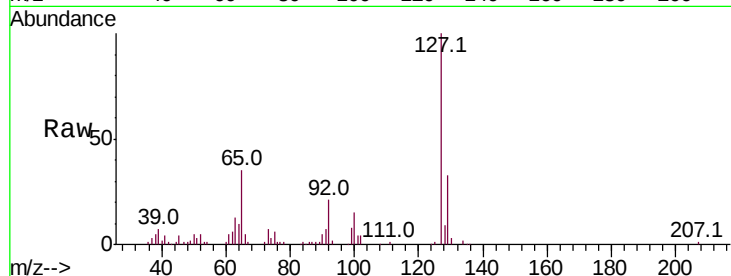




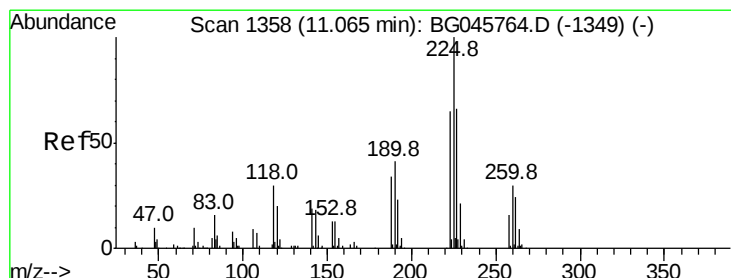
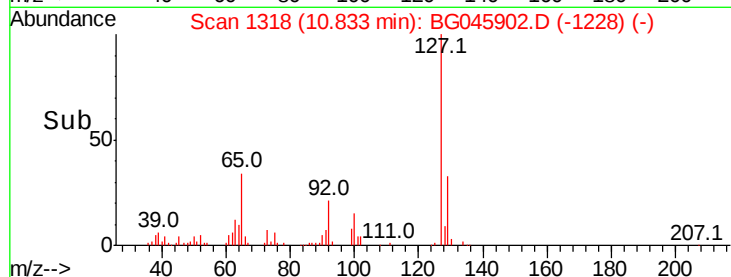
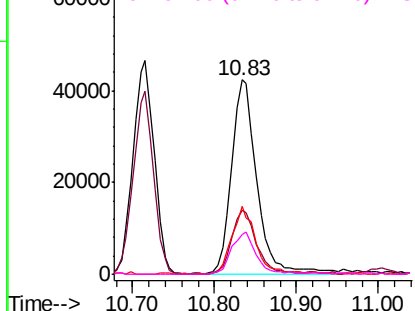
#33
4-Chloroaniline
Concen: 14.979 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

Instrument :
BNA_G
ClientSampleId :
CL-01-062420MSD

Tot Ion:	127	Resp:	92087
Ion	Ratio	Lower	Upper
127	100		
129	33.1	24.5	36.7
65	34.6	25.4	38.2
92	20.6	17.4	26.2

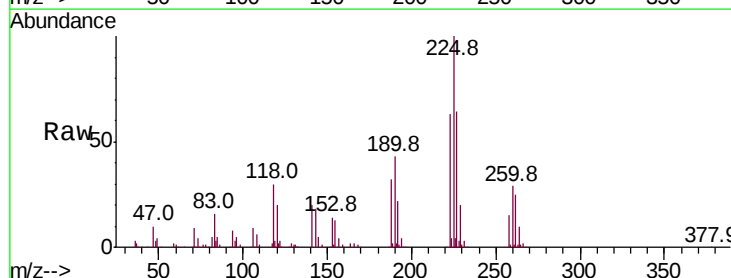


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

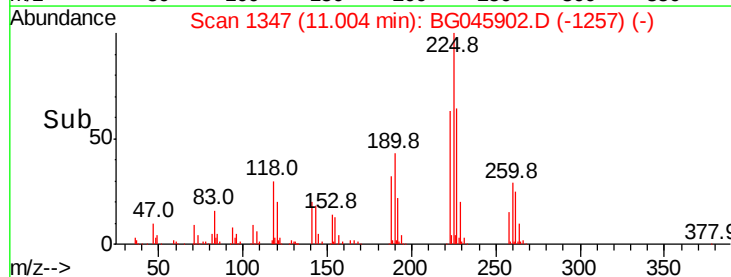
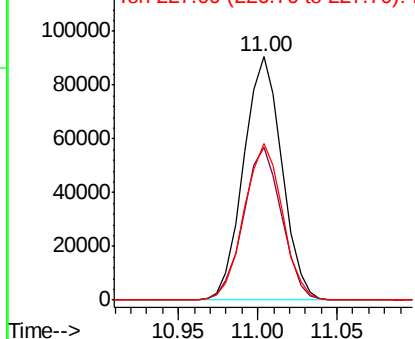


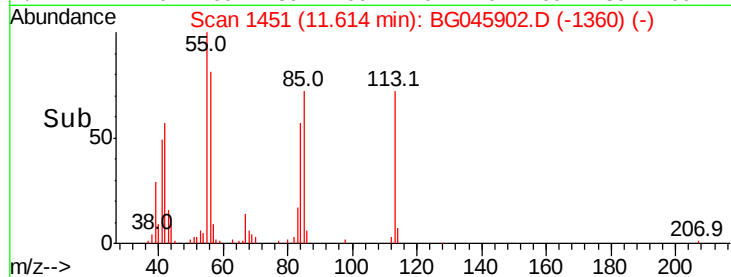
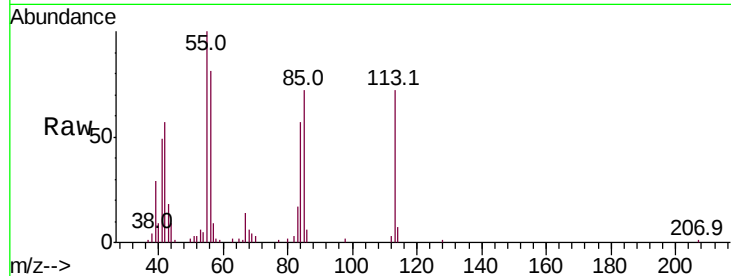
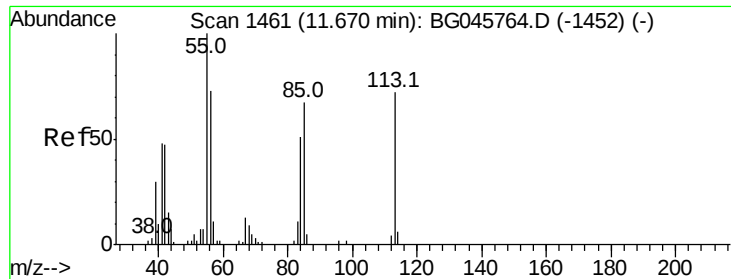
#34
Hexachlorobutadiene
Concen: 38.872 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

Tgt Ion:	225	Resp:	152212
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.6	76.0
227	64.2	53.6	80.4



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

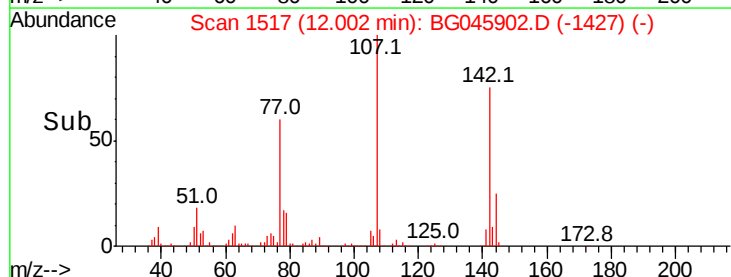
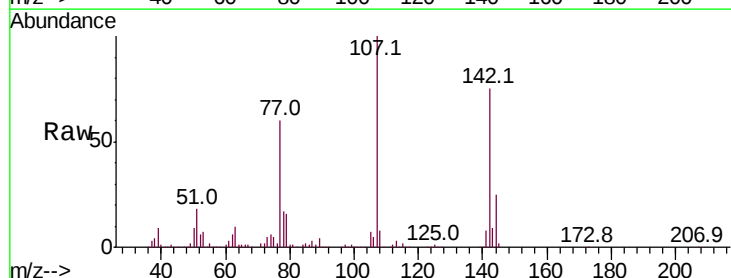
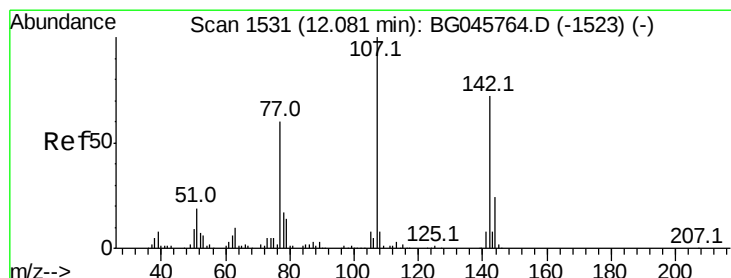
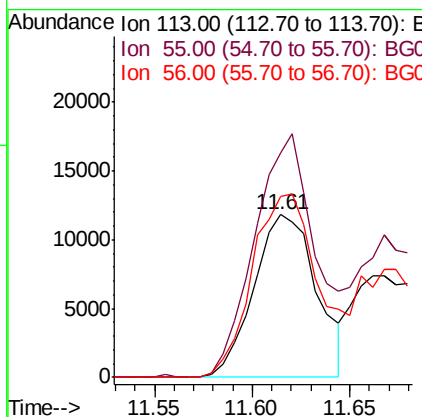




#35
Caprolactam
Concen: 17.506 ng
RT: 11.61 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

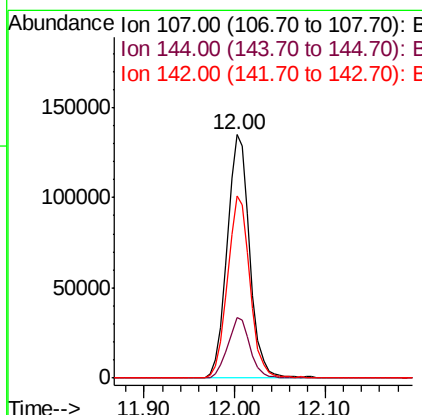
Instrument :
BNA_G
ClientSampleId :
CL-01-062420MSD

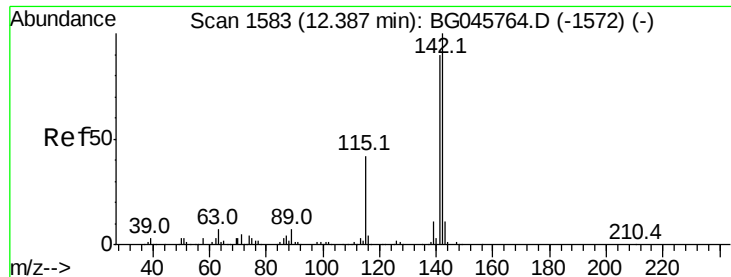
Tot Ion:113 Resp: 26347
Ion Ratio Lower Upper
113 100
55 138.4 126.8 166.8
56 111.6 95.8 135.8



#36
4-Chloro-3-methylphenol
Concen: 43.340 ng
RT: 12.00 min Scan# 1517
Delta R.T. -0.00 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

Tgt Ion:107 Resp: 232732
Ion Ratio Lower Upper
107 100
144 24.9 19.4 29.2
142 74.7 60.1 90.1

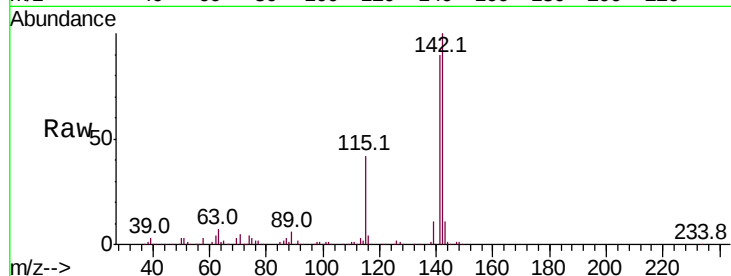




#37
2-Methylnaphthalene
Concen: 42.096 ng
RT: 12.33 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

Instrument :
BNA_G
ClientSampleId :
CL-01-062420MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	70.3	105.5
115	42.0	32.4	48.6

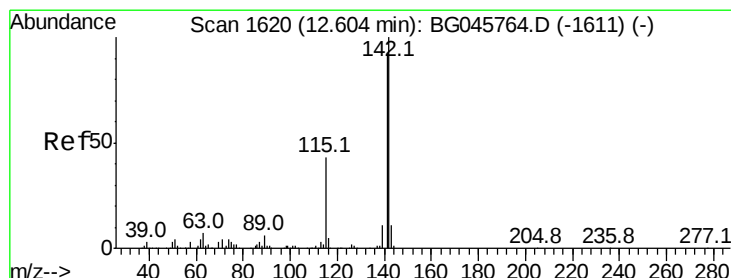
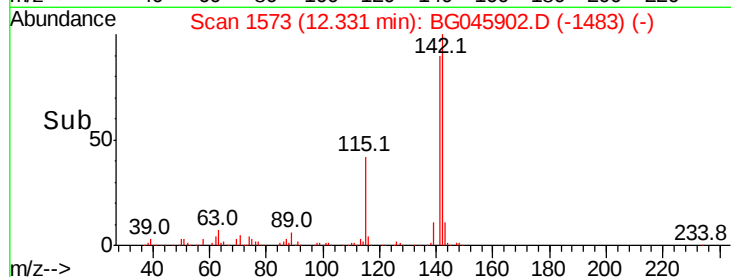
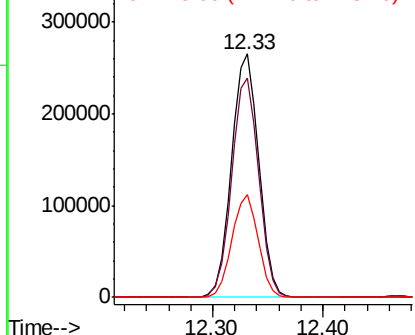


Abundance

Ion 142.00 (141.70 to 142.70): E

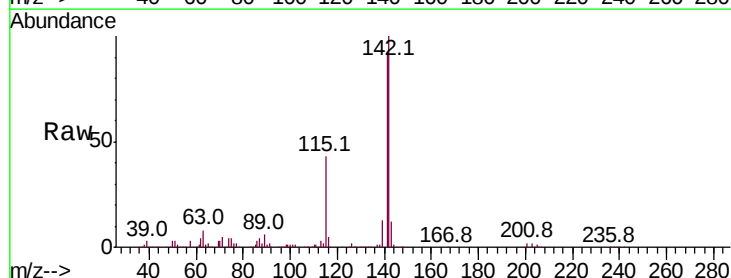
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 42.349 ng
RT: 12.55 min Scan# 1610
Delta R.T. -0.00 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	73.0	109.4
116	4.6	3.4	5.2

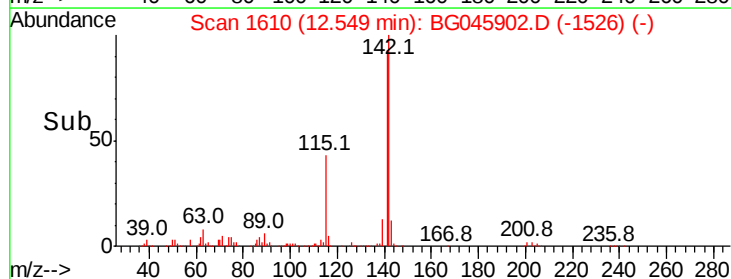
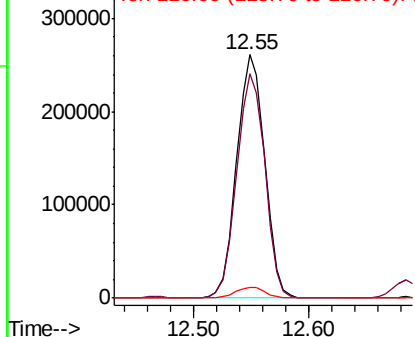


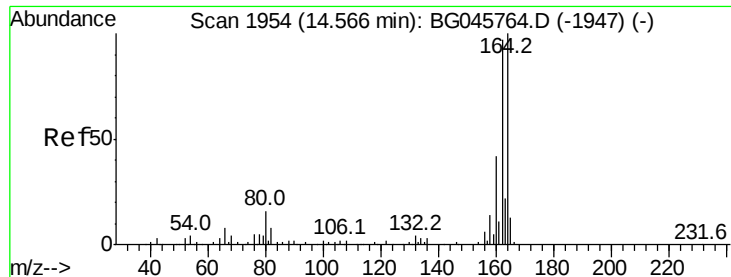
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.52 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG045902.D

Acq: 1 Jul 2020 12:23

Instrument :

BNA_G

ClientSampleId :

CL-01-062420MSD

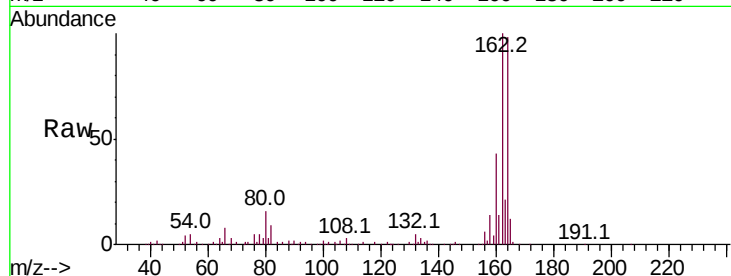
Tot Ion:164 Resp: 193338

Ion Ratio Lower Upper

164 100

162 101.6 80.6 120.8

160 43.9 35.0 52.4

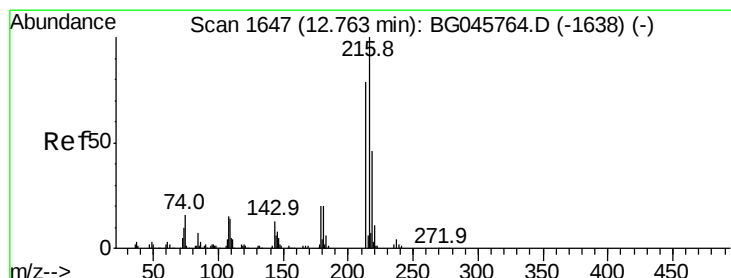
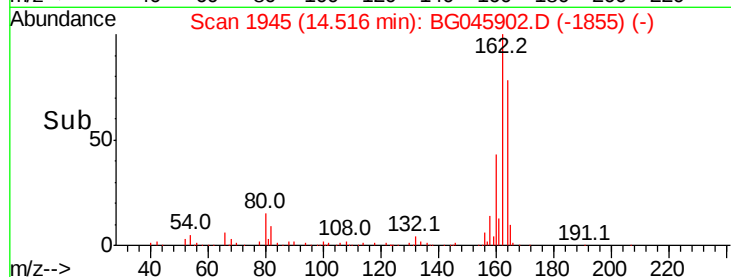
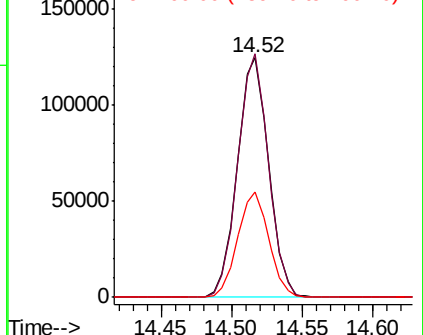


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.086 ng

RT: 12.71 min Scan# 1637

Delta R.T. 0.00 min

Lab File: BG045902.D

Acq: 1 Jul 2020 12:23

Tgt Ion:216 Resp: 255195

Ion Ratio Lower Upper

216 100

214 79.7 62.0 93.0

179 20.4 15.7 23.5

108 18.9 13.6 20.4

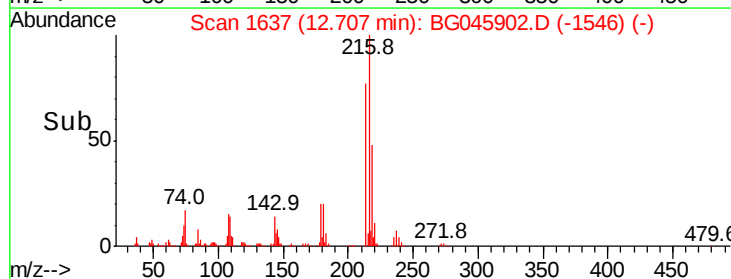
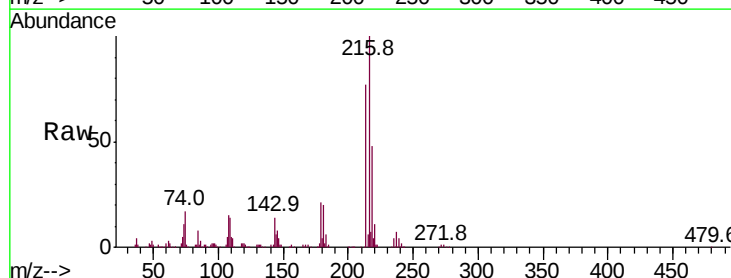
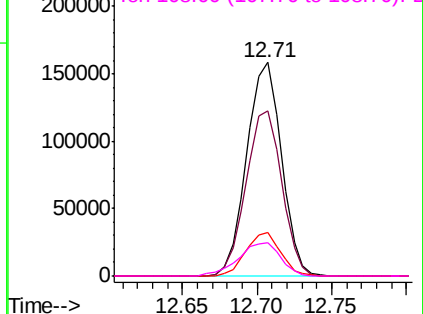
Abundance

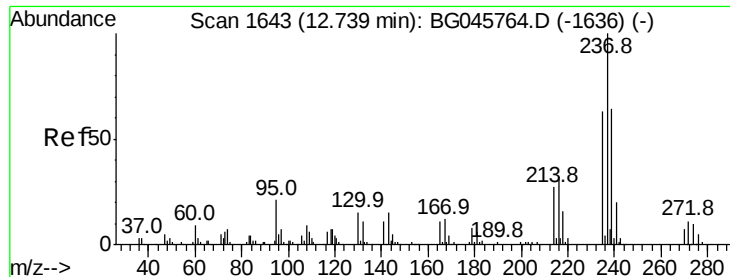
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 73.568 ng

RT: 12.68 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BG045902.D

Acq: 1 Jul 2020 12:23

Instrument :

BNA_G

ClientSampleId :

CL-01-062420MSD

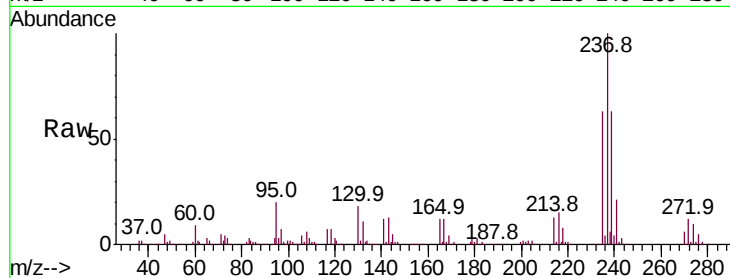
Tot Ion:237 Resp: 256038

Ion Ratio Lower Upper

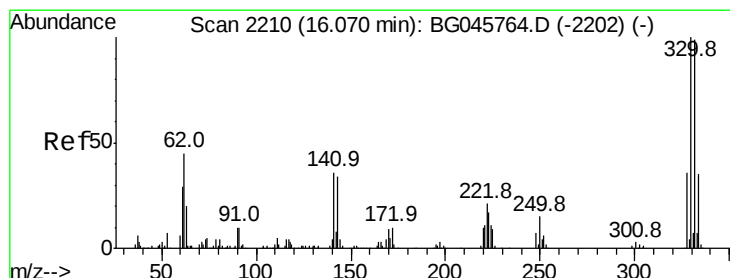
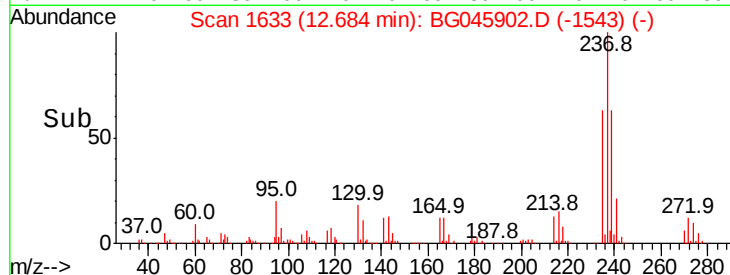
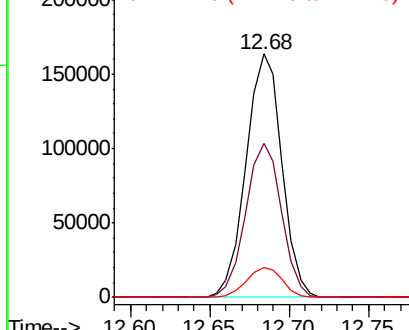
237 100

235 63.2 41.3 81.3

272 12.4 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: 117.992 ng

RT: 16.02 min Scan# 2201

Delta R.T. 0.00 min

Lab File: BG045902.D

Acq: 1 Jul 2020 12:23

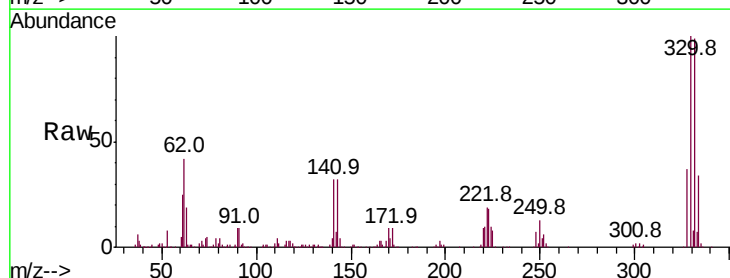
Tgt Ion:330 Resp: 344406

Ion Ratio Lower Upper

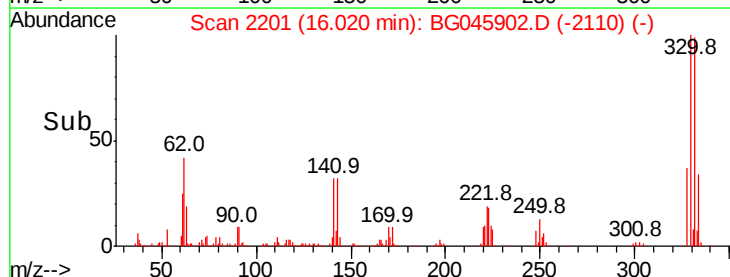
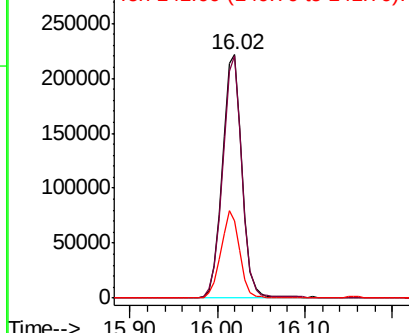
330 100

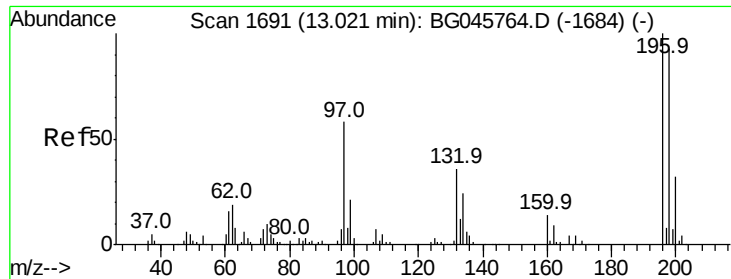
332 97.0 76.6 114.8

141 34.4 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

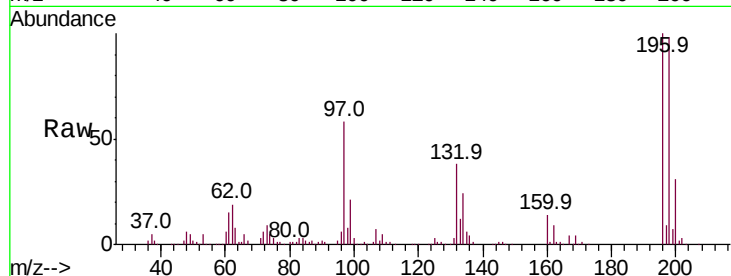




#43
 2,4,6-Trichlorophenol
 Concen: 41.615 ng
 RT: 12.96 min Scan# 1680
 Delta R.T. -0.00 min
 Lab File: BG045902.D
 Acq: 1 Jul 2020 12:23

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-062420MSD

Tot Ion	196	Resp	179623
Ion	Ratio	Lower	Upper
196	100		
198	97.6	73.4	110.0
200	30.6	23.4	35.0

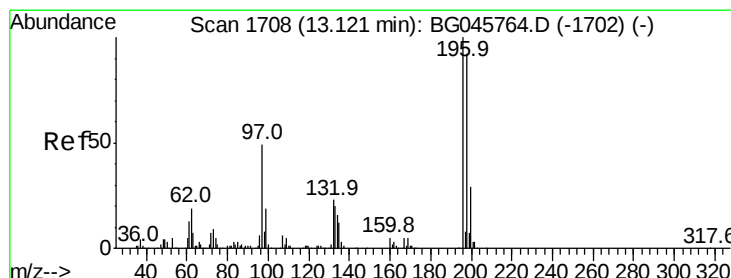
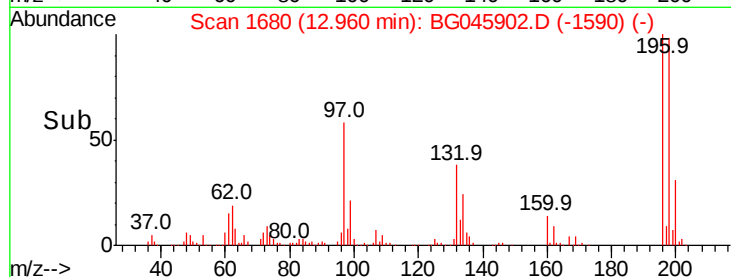
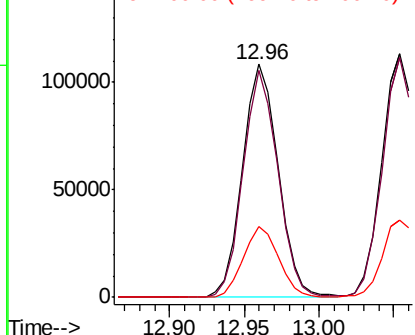


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 37.160 ng
 RT: 13.05 min Scan# 1696
 Delta R.T. 0.00 min
 Lab File: BG045902.D
 Acq: 1 Jul 2020 12:23

Tgt Ion	196	Resp	182803
Ion	Ratio	Lower	Upper
196	100		
198	98.5	71.8	107.8
97	52.8	37.8	56.8
132	24.6	18.7	28.1

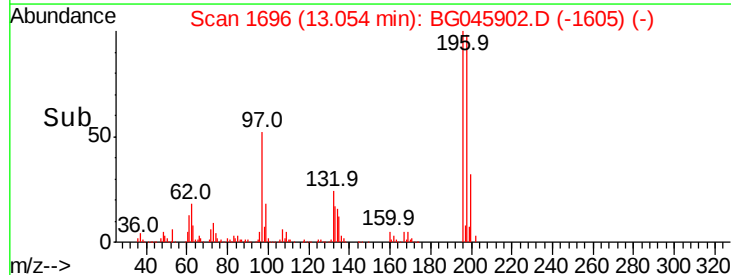
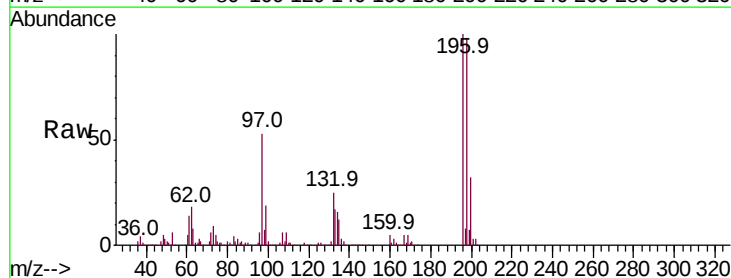
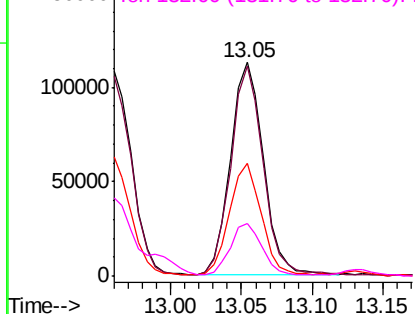
Abundance

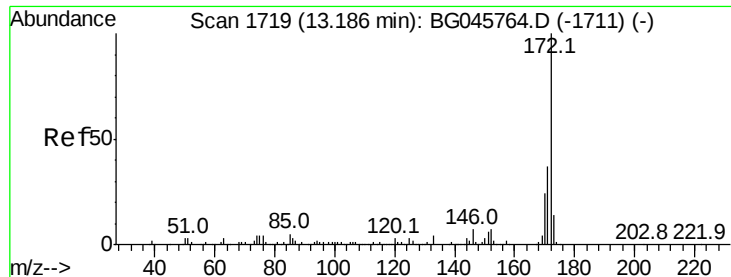
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

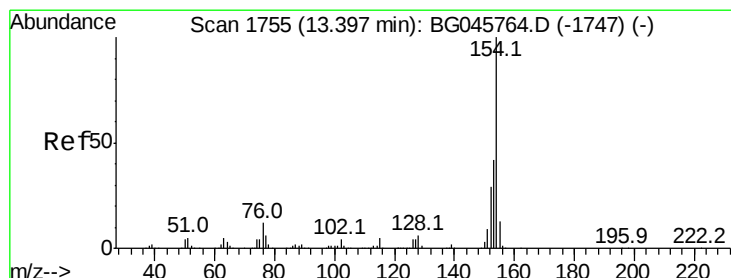
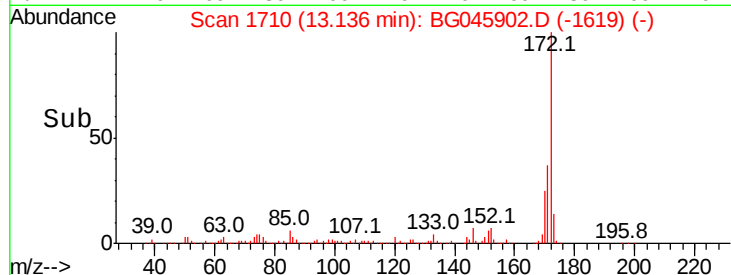
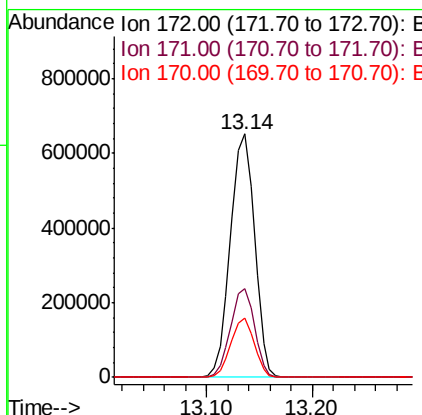
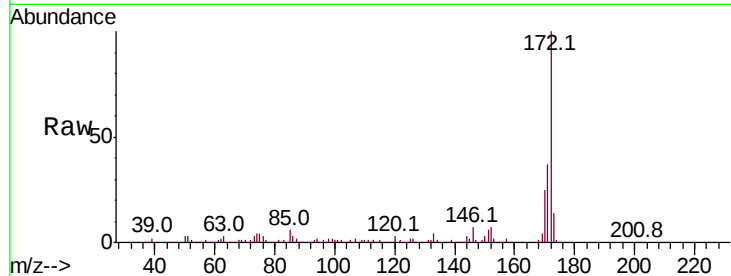




#45
2-Fluorobiphenyl
Concen: 78.297 ng
RT: 13.14 min Scan# 1710
Delta R.T. 0.00 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

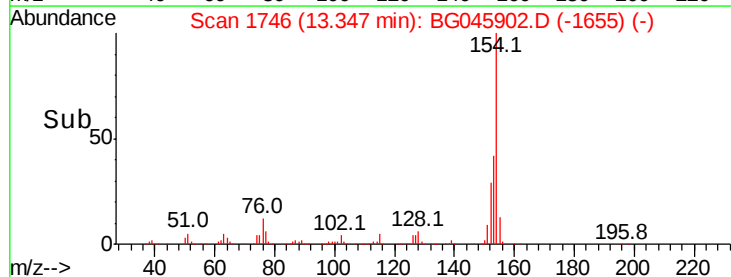
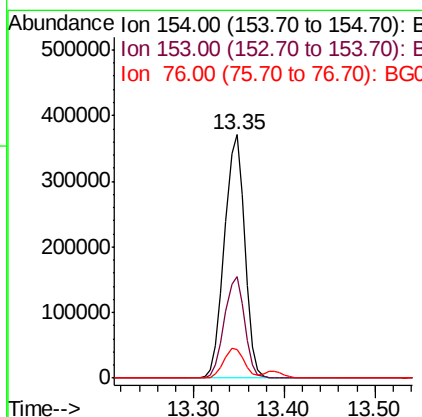
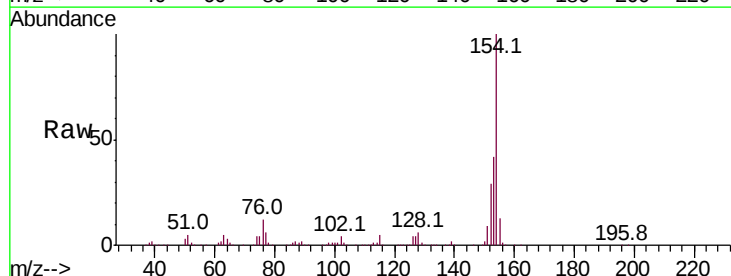
Instrument :
BNA_G
ClientSampleId :
CL-01-062420MSD

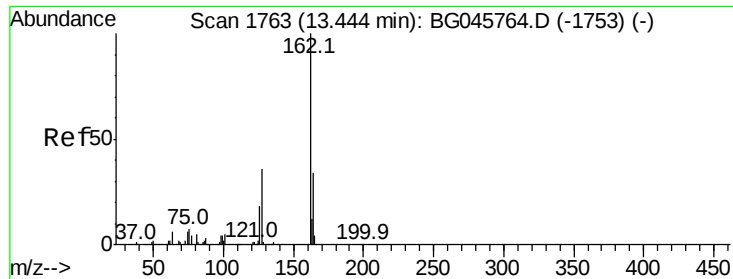
Tot Ion:172 Resp: 1030090
Ion Ratio Lower Upper
172 100
171 36.7 28.9 43.3
170 24.6 19.1 28.7



#46
1,1'-Biphenyl
Concen: 41.608 ng
RT: 13.35 min Scan# 1746
Delta R.T. 0.00 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

Tgt Ion:154 Resp: 575940
Ion Ratio Lower Upper
154 100
153 41.6 20.5 60.5
76 11.9 0.0 32.6

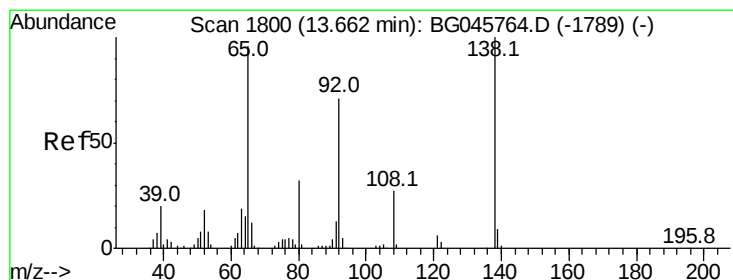
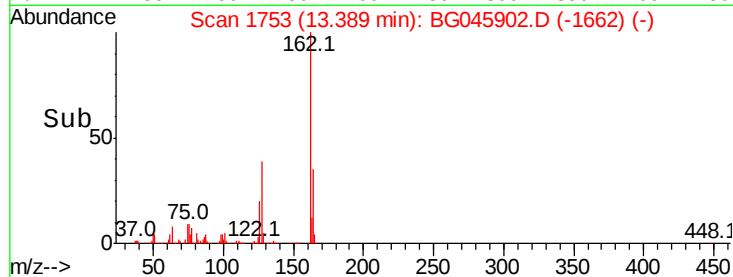
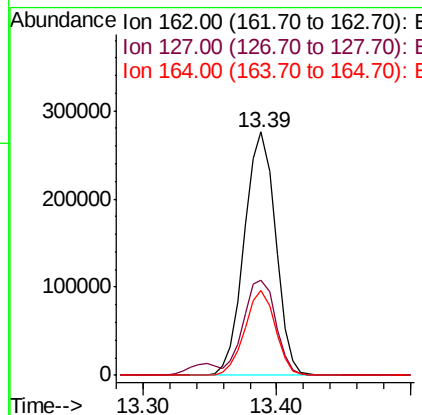
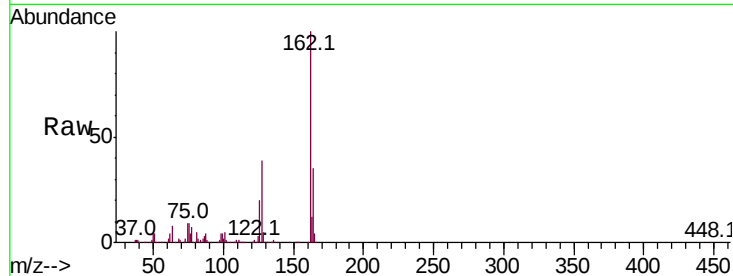




#47
 2-Chloronaphthalene
 Concen: 39.940 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. 0.00 min
 Lab File: BG045902.D
 Acq: 1 Jul 2020 12:23

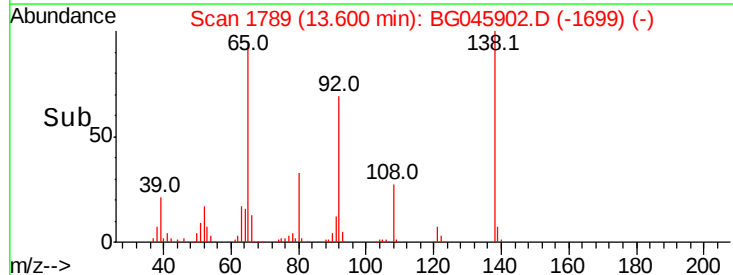
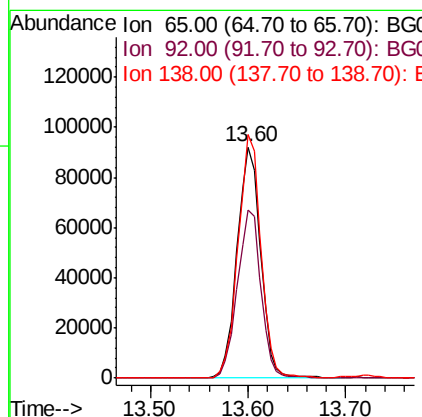
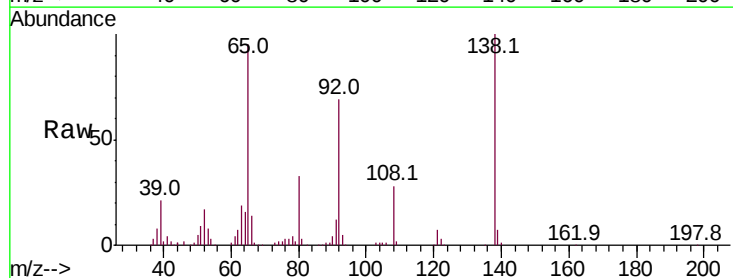
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-062420MSD

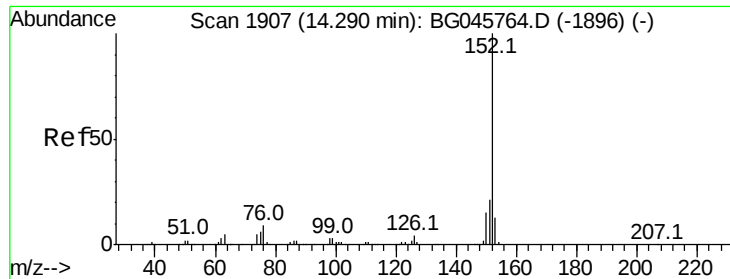
Tot Ion:	162	Resp:	446577
Ion	Ratio	Lower	Upper
162	100		
127	39.3	31.8	47.8
164	34.8	27.9	41.9



#48
 2-Nitroaniline
 Concen: 41.581 ng
 RT: 13.60 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: BG045902.D
 Acq: 1 Jul 2020 12:23

Tgt Ion:	65	Resp:	154653
Ion	Ratio	Lower	Upper
65	100		
92	73.0	54.6	82.0
138	105.3	78.2	117.4





#49

Acenaphthylene

Concen: 40.674 ng

RT: 14.23 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BG045902.D

Acq: 1 Jul 2020 12:23

Instrument :

BNA_G

ClientSampleId :

CL-01-062420MSD

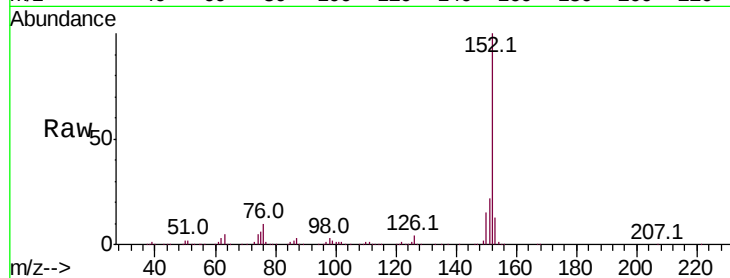
Tot Ion:152 Resp: 728455

Ion Ratio Lower Upper

152 100

151 21.6 16.5 24.7

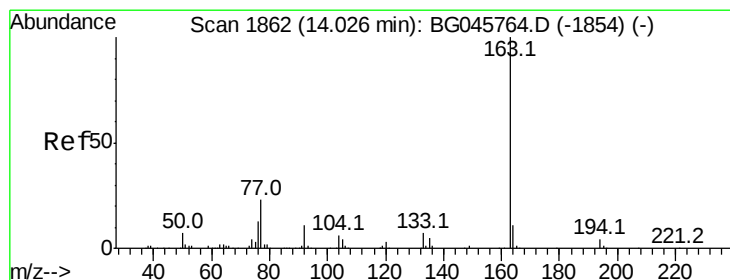
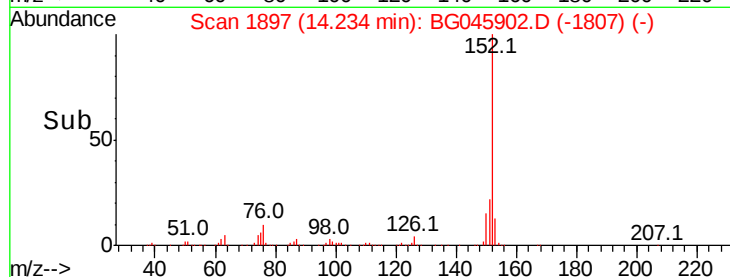
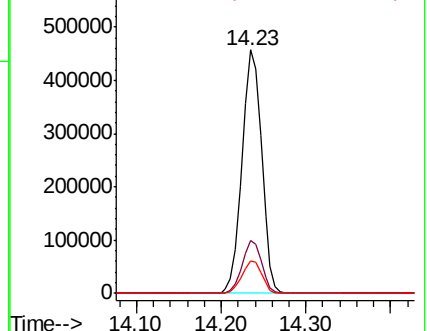
153 13.2 11.0 16.4



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: 45.092 ng

RT: 13.98 min Scan# 1853

Delta R.T. -0.00 min

Lab File: BG045902.D

Acq: 1 Jul 2020 12:23

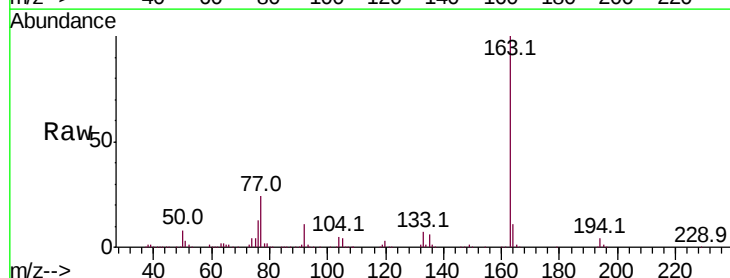
Tgt Ion:163 Resp: 682971

Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

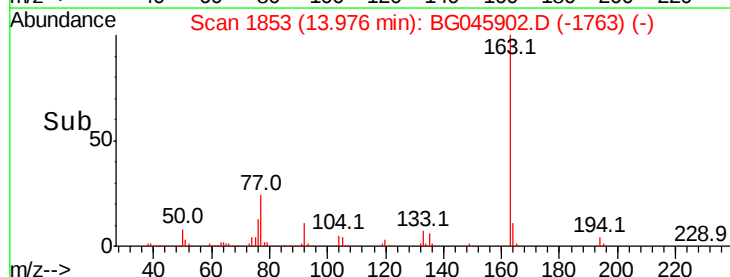
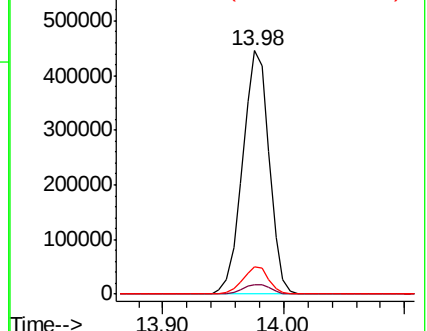
164 11.3 8.8 13.2

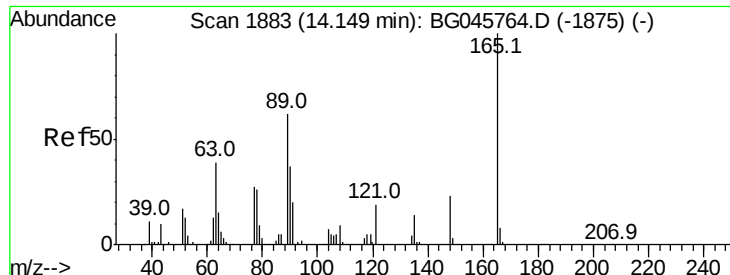


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

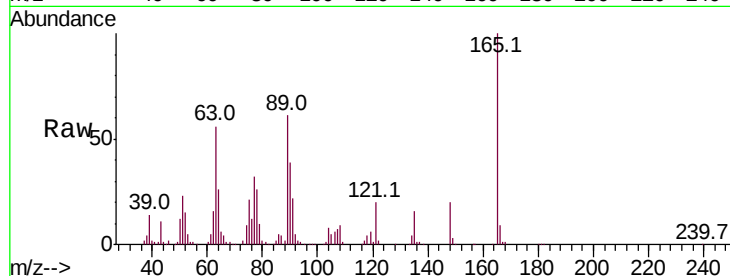




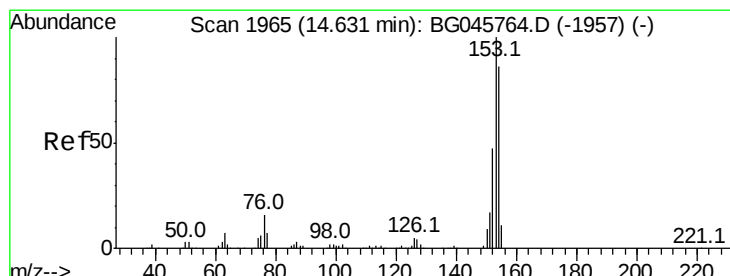
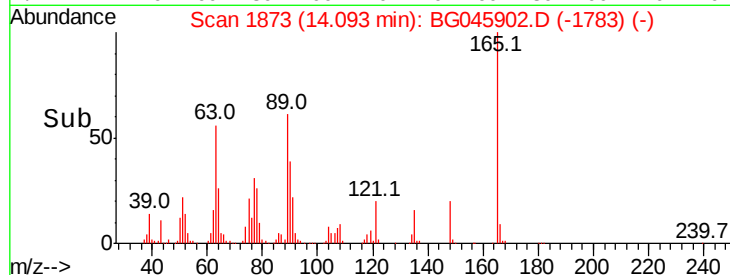
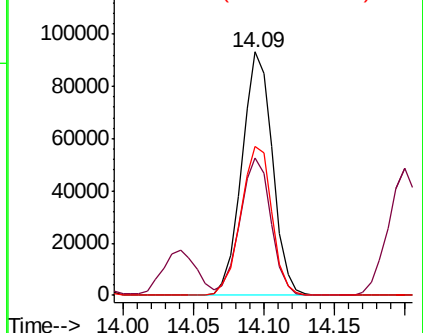
#51
 2,6-Dinitrotoluene
 Concen: 41.487 ng
 RT: 14.09 min Scan# 1873
 Delta R.T. -0.00 min
 Lab File: BG045902.D
 Acq: 1 Jul 2020 12:23

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-062420MSD

Tot Ion:165 Resp: 141134
 Ion Ratio Lower Upper
 165 100
 63 56.5 45.6 68.4
 89 61.2 52.8 79.2

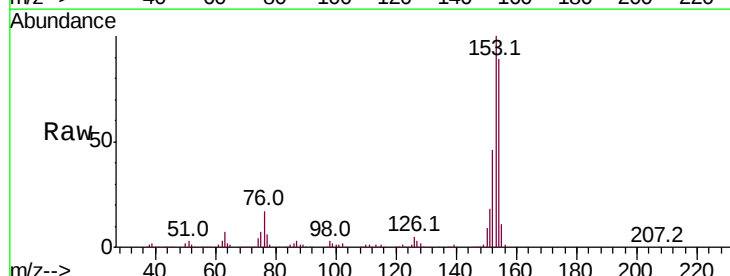


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

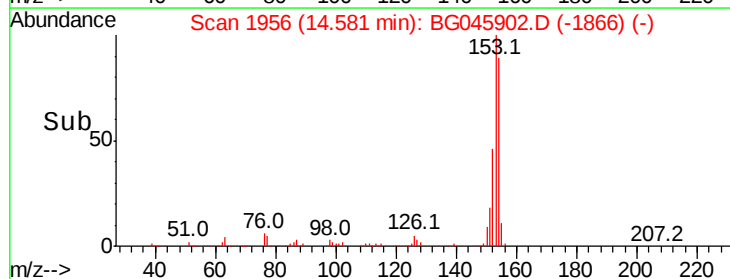
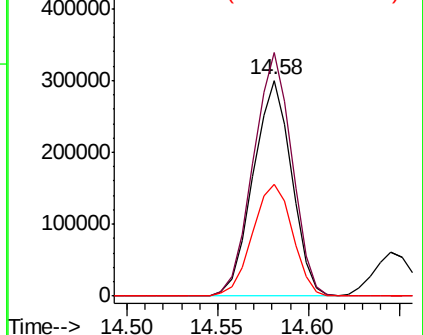


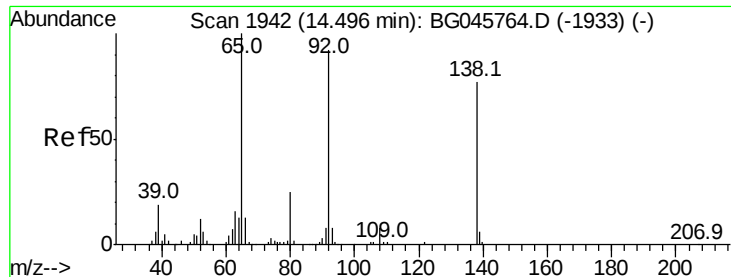
#52
 Acenaphthene
 Concen: 40.714 ng
 RT: 14.58 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: BG045902.D
 Acq: 1 Jul 2020 12:23

Tgt Ion:154 Resp: 441983
 Ion Ratio Lower Upper
 154 100
 153 113.0 92.4 138.6
 152 51.9 41.9 62.9



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

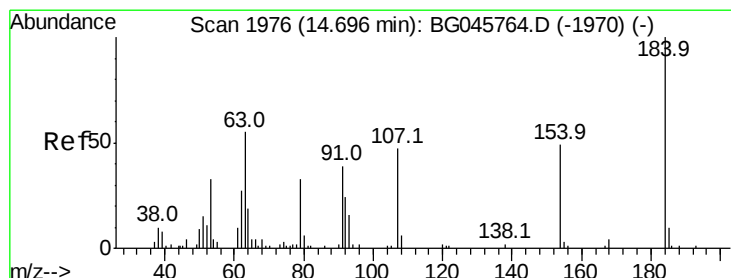
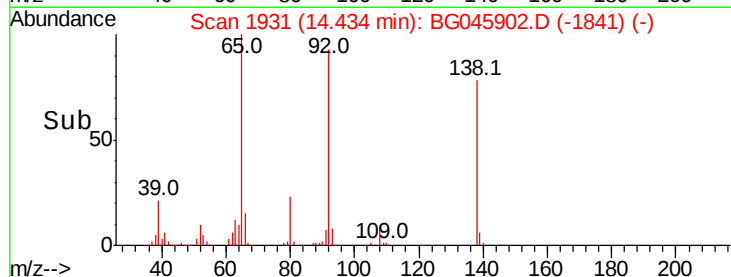
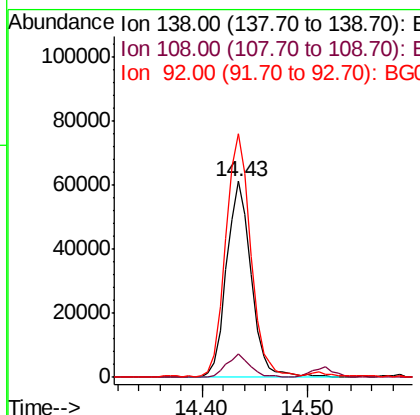
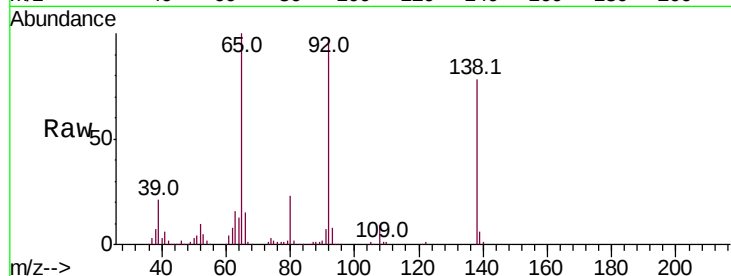




#53
3-Nitroaniline
Concen: 29.104 ng
RT: 14.43 min Scan# 1931
Delta R.T. -0.00 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

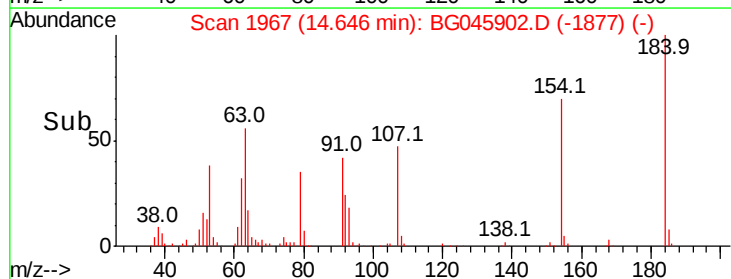
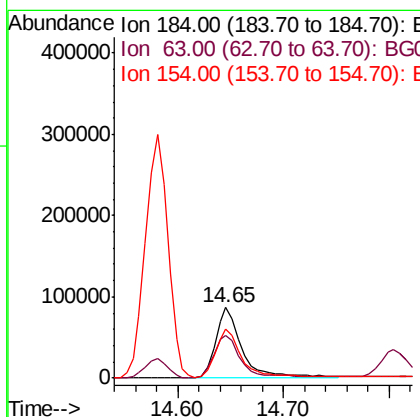
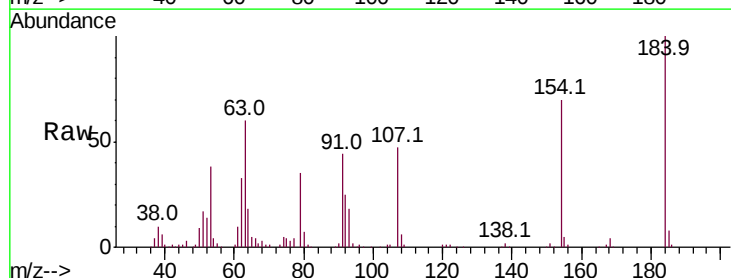
Instrument :
BNA_G
ClientSampleId :
CL-01-062420MSD

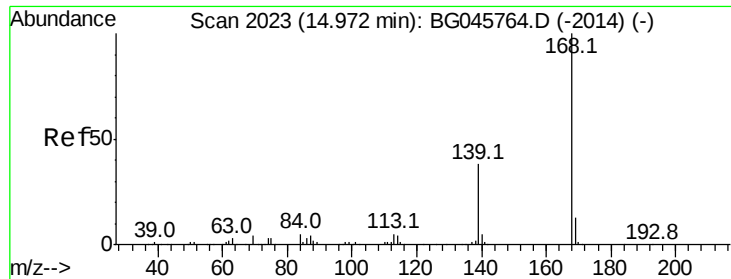
Tot Ion:138 Resp: 98894
Ion Ratio Lower Upper
138 100
108 12.0 9.3 13.9
92 124.4 101.3 151.9



#54
2,4-Dinitrophenol
Concen: 80.989 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.00 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

Tgt Ion:184 Resp: 153502
Ion Ratio Lower Upper
184 100
63 60.1 51.9 77.9
154 69.6 60.7 91.1





#55

Dibenzenofuran

Concen: 40.911 ng

RT: 14.92 min Scan# 2013

Delta R.T. -0.00 min

Lab File: BG045902.D

Acq: 1 Jul 2020 12:23

Instrument :

BNA_G

ClientSampleId :

CL-01-062420MSD

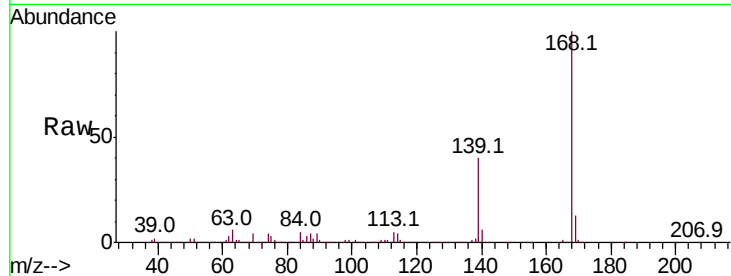
Tot Ion:168 Resp: 721490

Ion Ratio Lower Upper

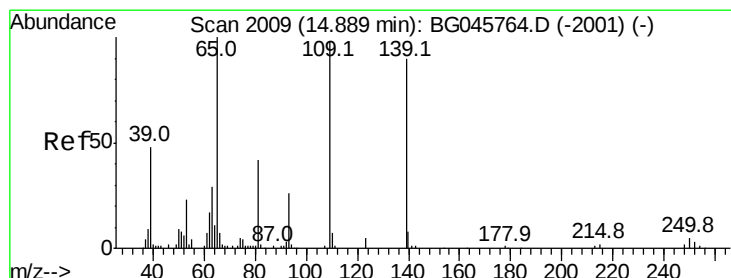
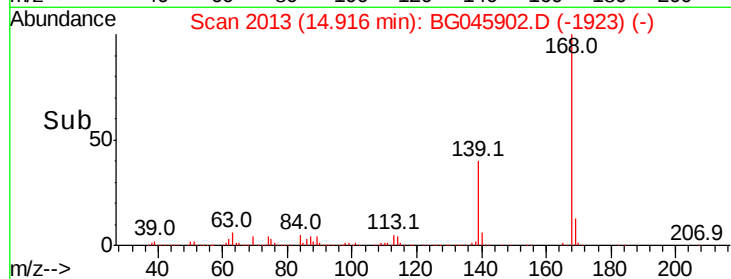
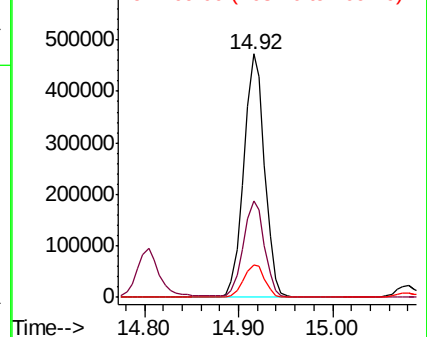
168 100

139 39.7 31.4 47.2

169 13.2 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: 66.755 ng

RT: 14.80 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BG045902.D

Acq: 1 Jul 2020 12:23

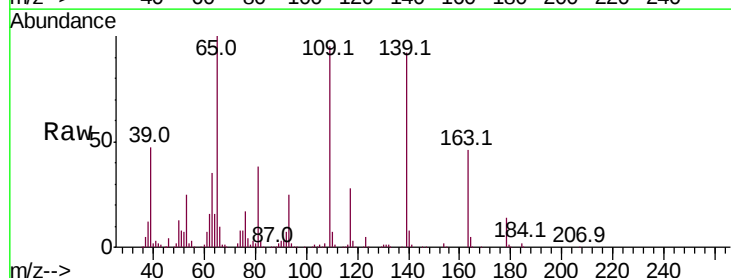
Tgt Ion:139 Resp: 160828

Ion Ratio Lower Upper

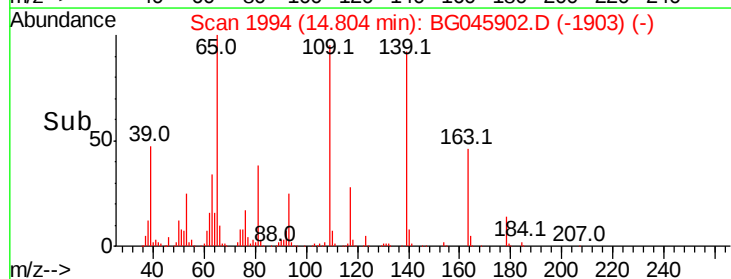
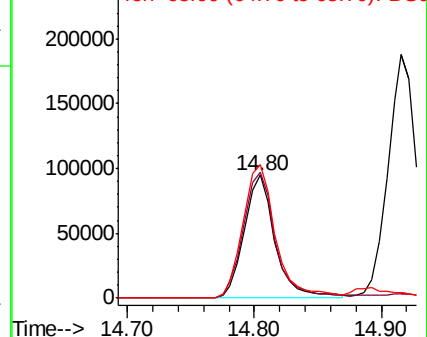
139 100

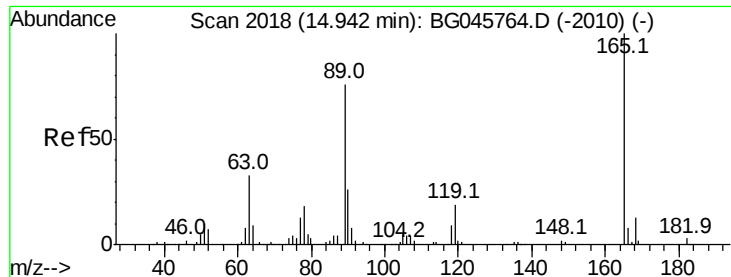
109 102.7 83.9 123.9

65 108.2 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

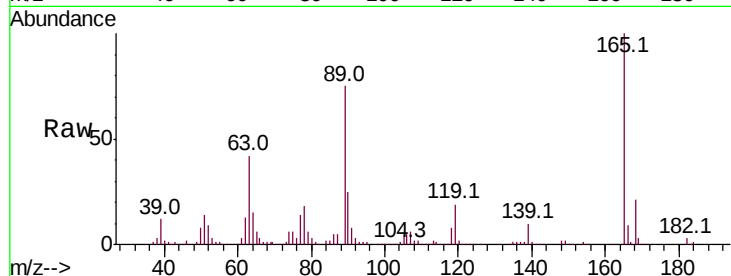




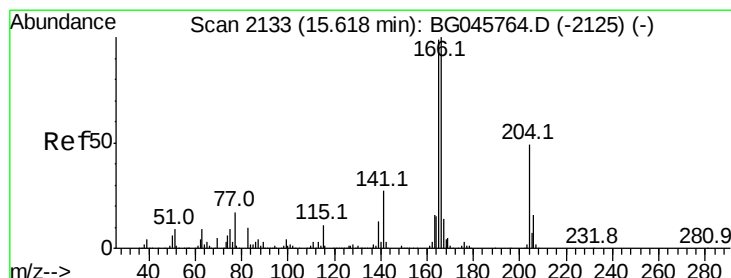
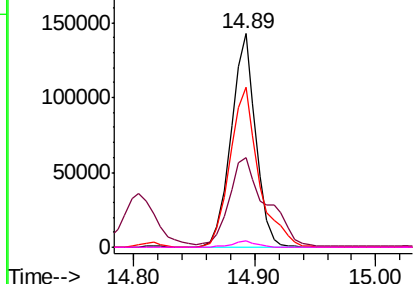
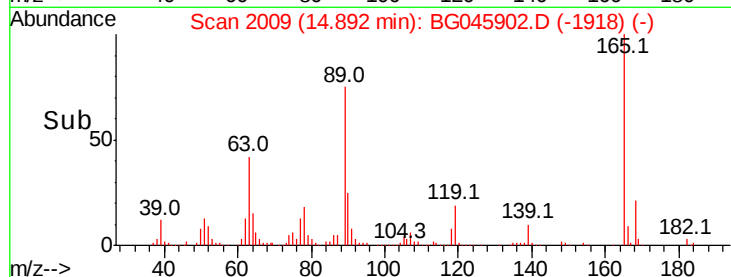
#57
2,4-Dinitrotoluene
Concen: 41.302 ng
RT: 14.89 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

Instrument :
BNA_G
ClientSampleId :
CL-01-062420MSD

Tot Ion:165 Resp: 201310
Ion Ratio Lower Upper
165 100
63 42.1 35.2 52.8
89 75.1 61.4 92.2
182 2.8 2.3 3.5

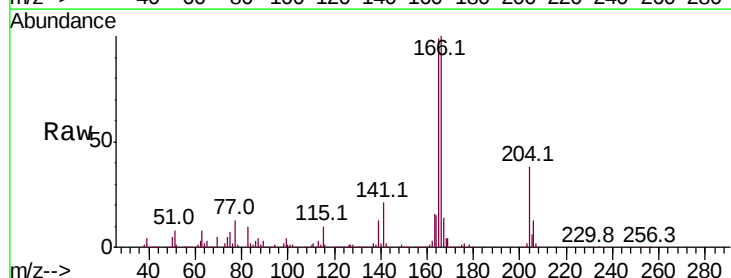


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

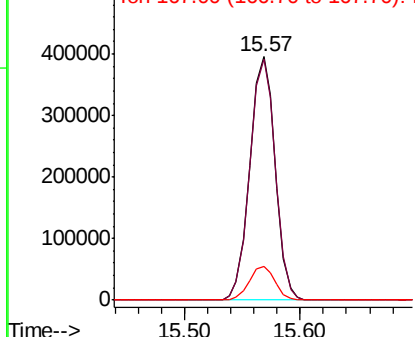
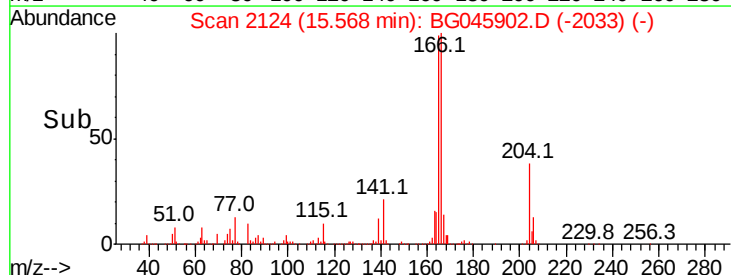


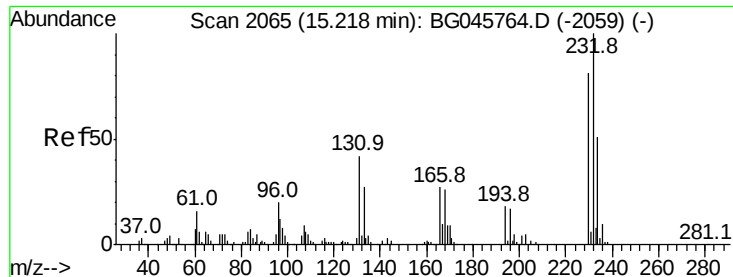
#58
Fluorene
Concen: 41.266 ng
RT: 15.57 min Scan# 2124
Delta R.T. 0.00 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

Tgt Ion:166 Resp: 605132
Ion Ratio Lower Upper
166 100
165 98.9 78.2 117.2
167 13.6 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: 39.359 ng

RT: 15.16 min Scan# 2055

Delta R.T. -0.00 min

Lab File: BG045902.D

Acq: 1 Jul 2020 12:23

Instrument :

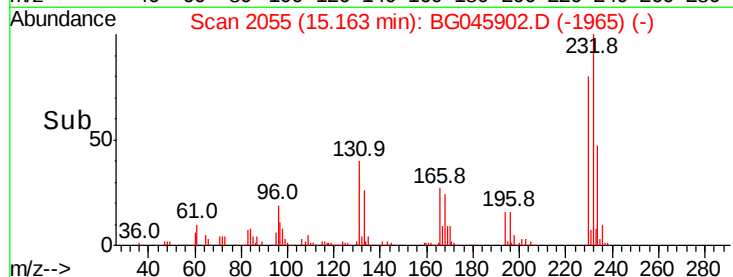
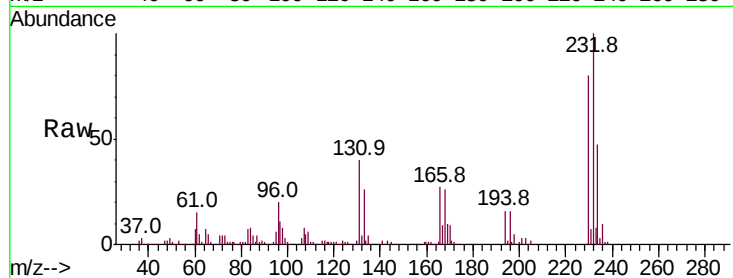
BNA_G

ClientSampleId :

CL-01-062420MSD

Tot Ion:232 Resp: 168050

Ion	Ratio	Lower	Upper
232	100		
131	41.4	31.8	47.8
130	2.9	2.2	3.4
166	28.6	22.5	33.7

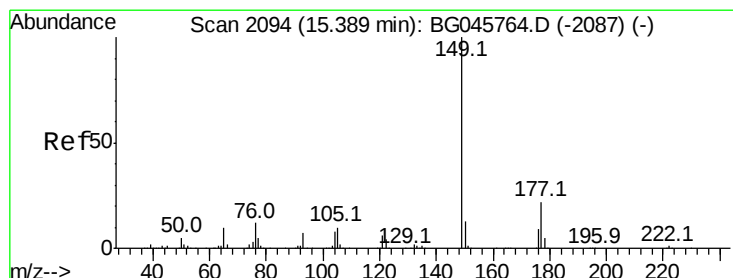
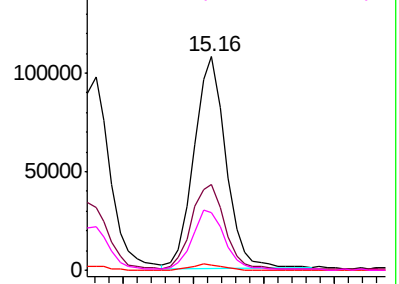


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 41.348 ng

RT: 15.34 min Scan# 2086

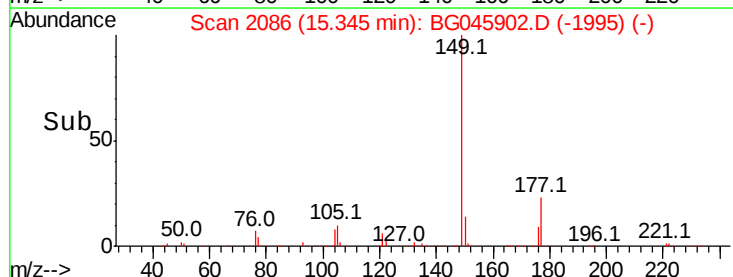
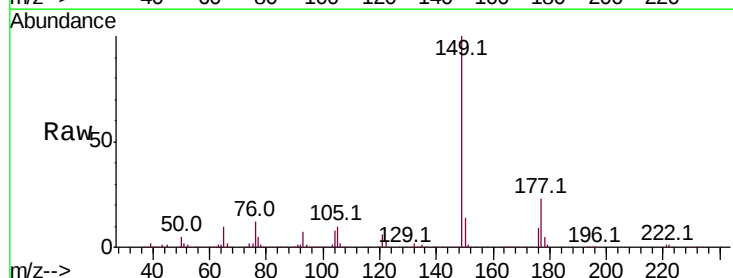
Delta R.T. 0.00 min

Lab File: BG045902.D

Acq: 1 Jul 2020 12:23

Tgt Ion:149 Resp: 640201

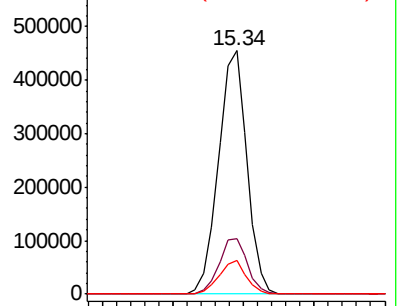
Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.0	27.0
150	13.8	10.4	15.6

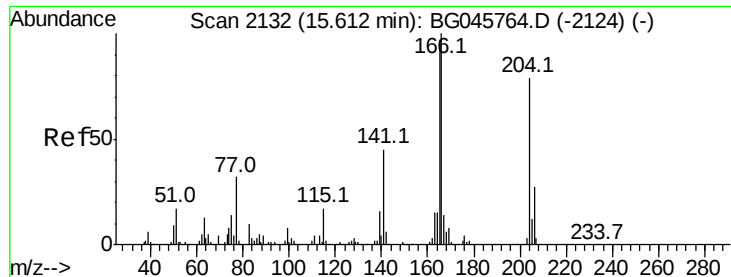


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 39.875 ng

RT: 15.56 min Scan# 2122

Delta R.T. -0.00 min

Lab File: BG045902.D

Acq: 1 Jul 2020 12:23

Instrument :

BNA_G

ClientSampleId :

CL-01-062420MSD

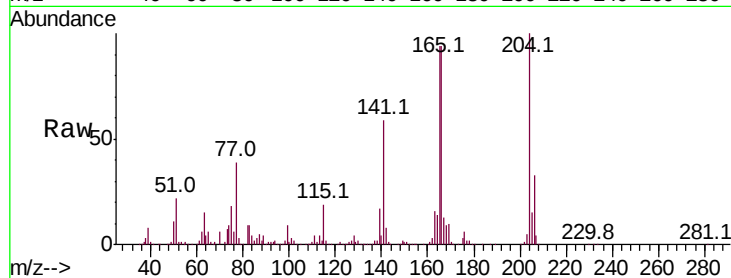
Tot Ion:204 Resp: 337025

Ion Ratio Lower Upper

204 100

206 32.6 26.3 39.5

141 59.3 47.1 70.7

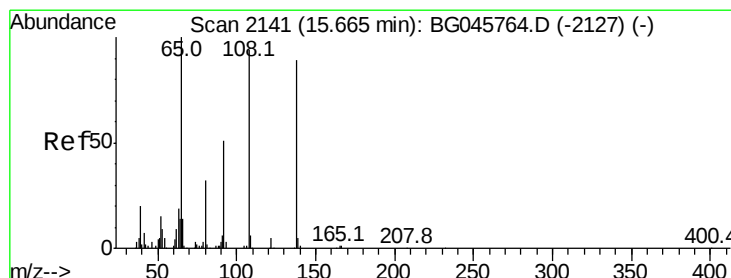
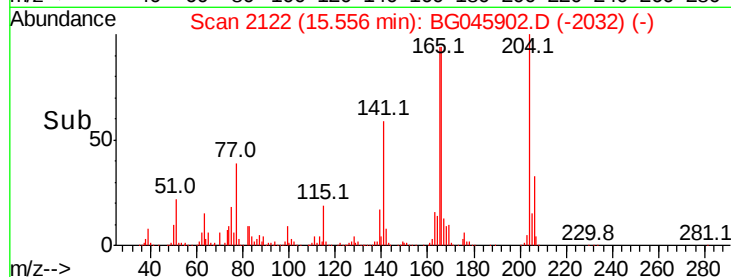
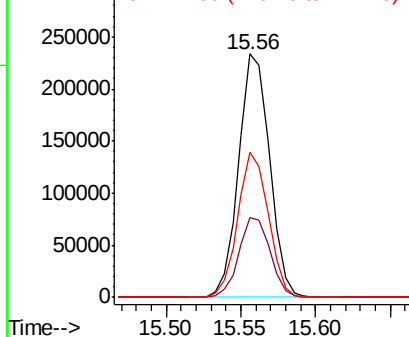


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 39.436 ng

RT: 15.61 min Scan# 2131

Delta R.T. 0.00 min

Lab File: BG045902.D

Acq: 1 Jul 2020 12:23

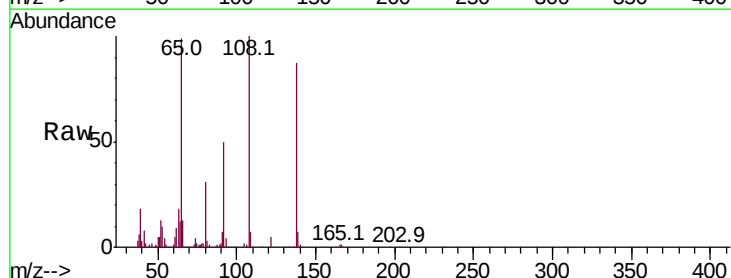
Tgt Ion:138 Resp: 137525

Ion Ratio Lower Upper

138 100

92 57.9 38.5 78.5

108 115.0 85.0 125.0

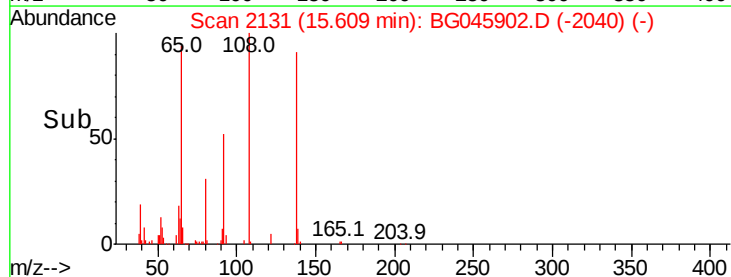
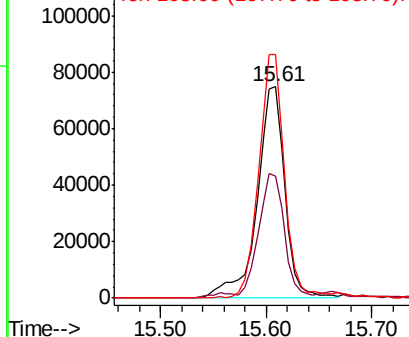


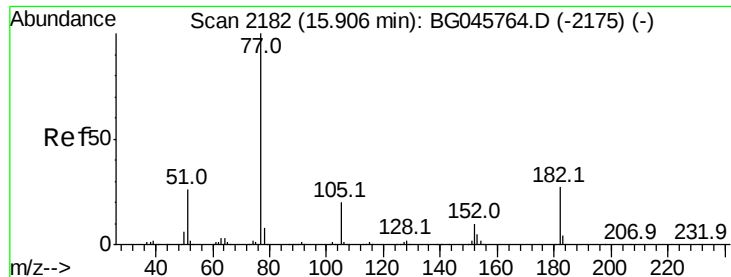
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

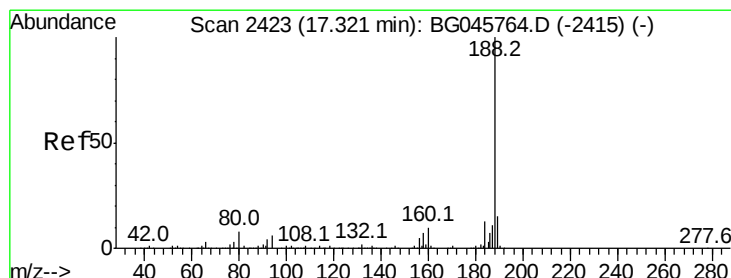
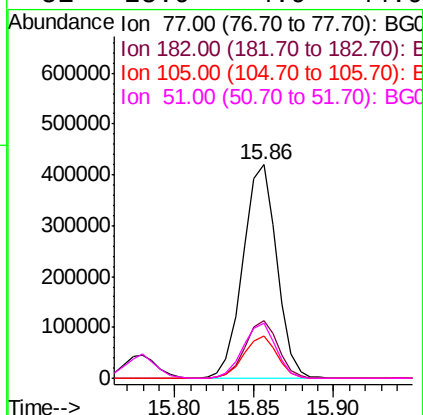
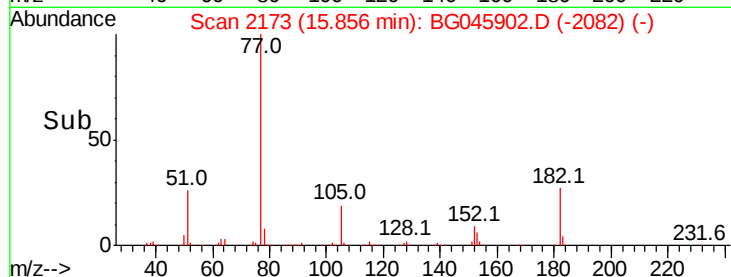
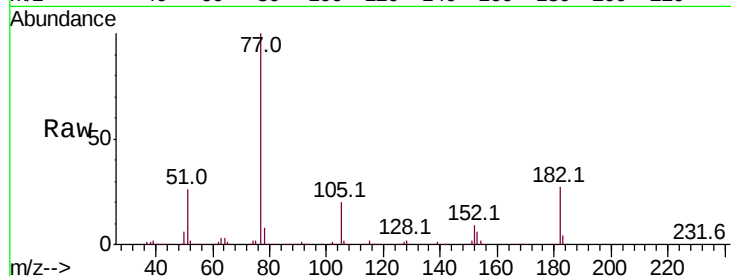




#63
Azobenzene
Concen: 41.522 ng
RT: 15.86 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

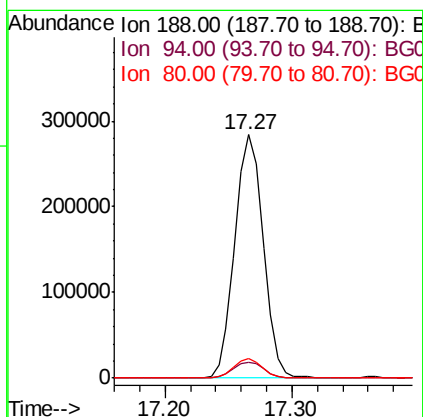
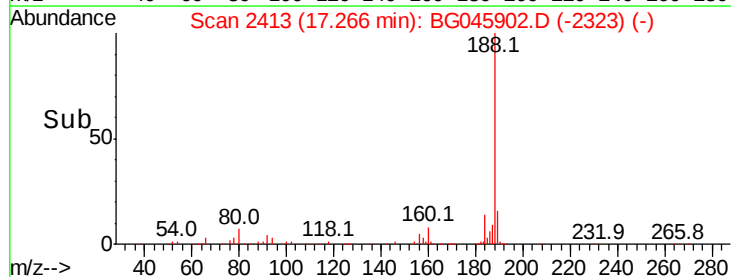
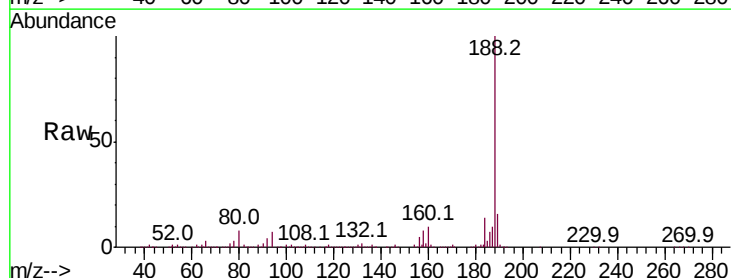
Instrument :
BNA_G
ClientSampleId :
CL-01-062420MSD

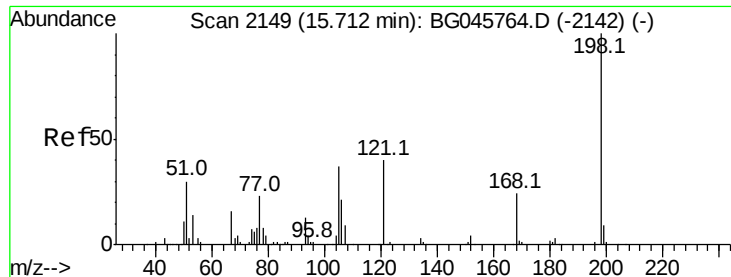
Tot Ion: 77 Resp: 617302
Ion Ratio Lower Upper
77 100
182 27.0 5.1 45.1
105 19.8 0.0 38.4
51 25.9 4.9 44.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.27 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

Tgt Ion: 188 Resp: 441701
Ion Ratio Lower Upper
188 100
94 6.6 5.7 8.5
80 7.9 6.6 10.0





#65

4,6-Dinitro-2-methylphenol

Concen: 44.216 ng

RT: 15.66 min Scan# 2140

Delta R.T. -0.00 min

Lab File: BG045902.D

Acq: 1 Jul 2020 12:23

Instrument :

BNA_G

ClientSampleId :

CL-01-062420MSD

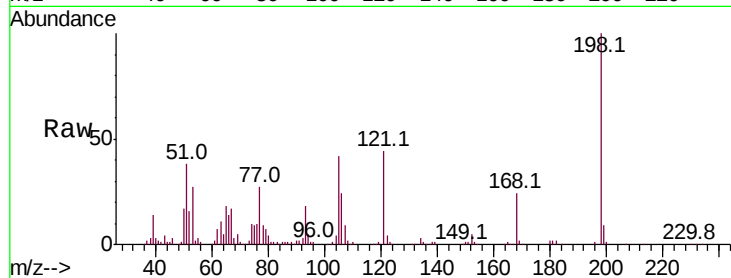
Tot Ion:198 Resp: 120696

Ion Ratio Lower Upper

198 100

51 37.9 18.0 58.0

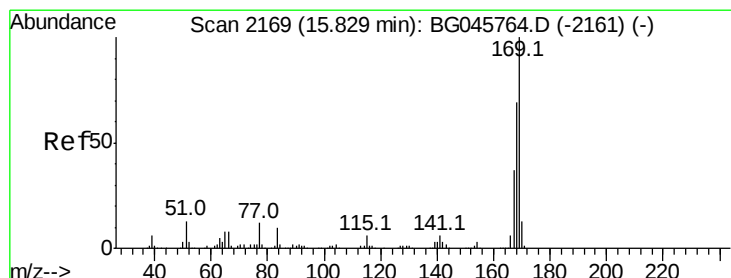
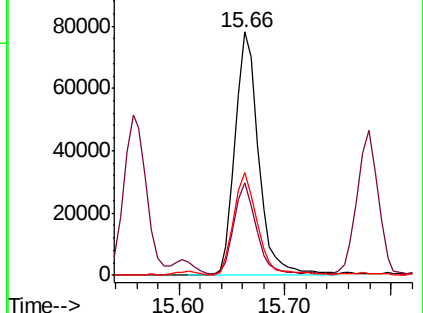
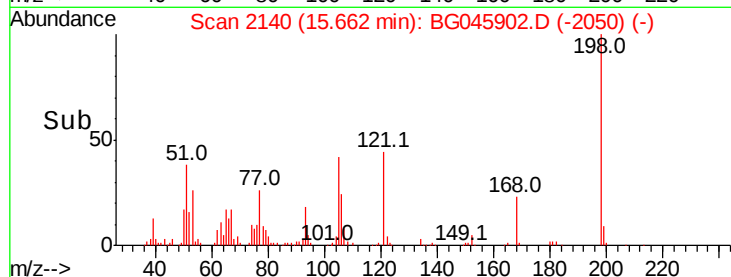
105 42.2 22.3 62.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.675 ng

RT: 15.78 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BG045902.D

Acq: 1 Jul 2020 12:23

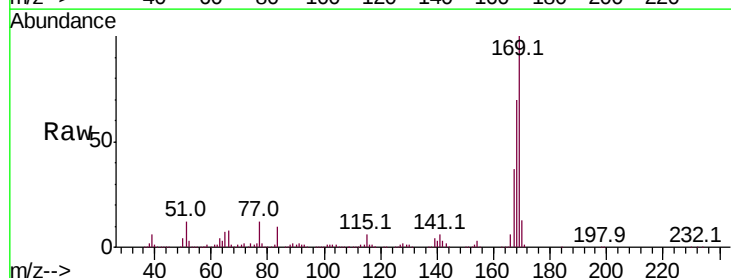
Tgt Ion:169 Resp: 533899

Ion Ratio Lower Upper

169 100

168 69.5 54.8 82.2

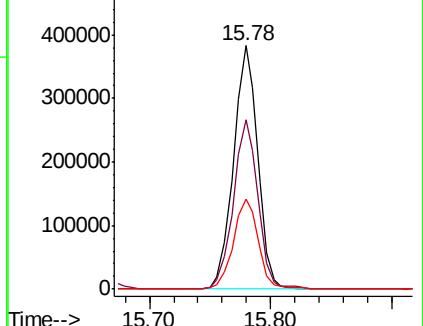
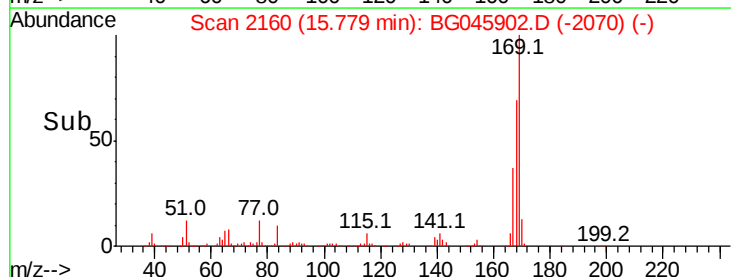
167 37.1 30.0 45.0

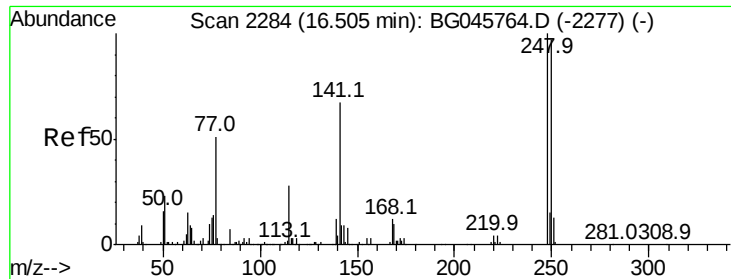


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

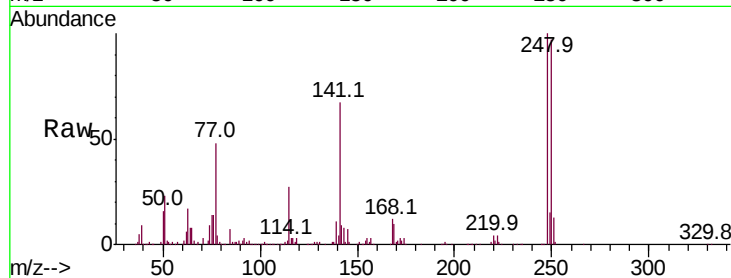




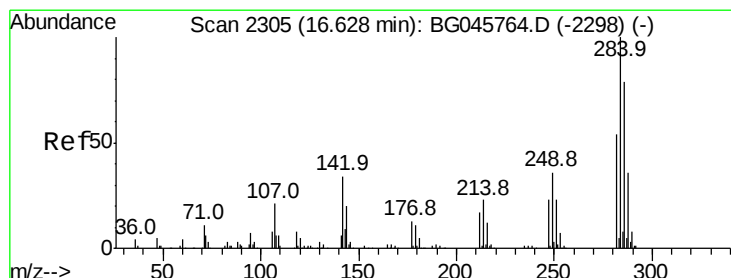
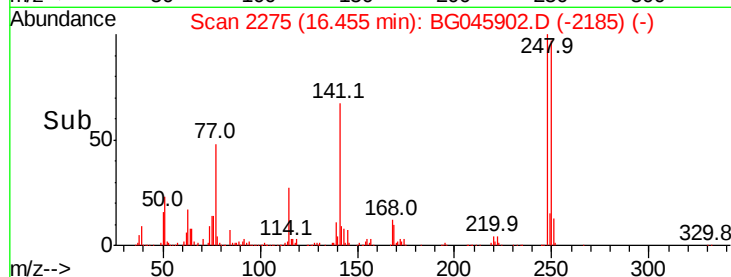
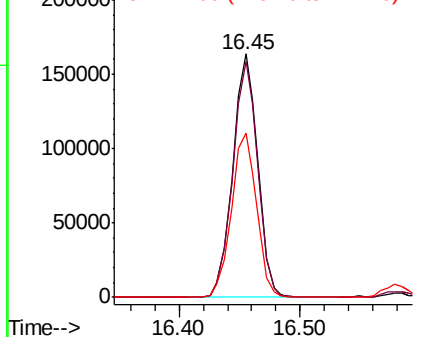
#67
4-Bromophenyl-phenylether
Concen: 40.795 ng
RT: 16.45 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

Instrument :
BNA_G
ClientSampleId :
CL-01-062420MSD

Tot Ion:248 Resp: 234133
Ion Ratio Lower Upper
248 100
250 96.7 76.8 115.2
141 67.3 52.6 79.0

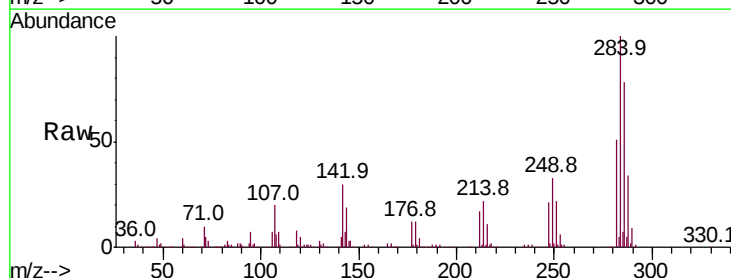


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

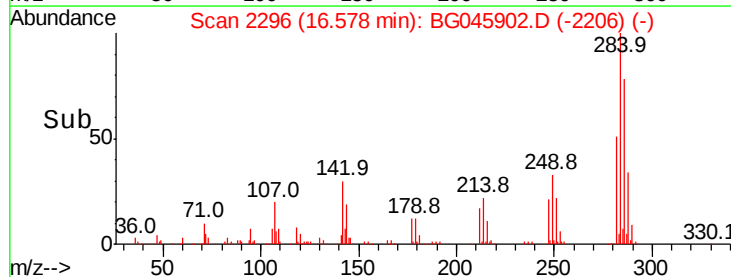
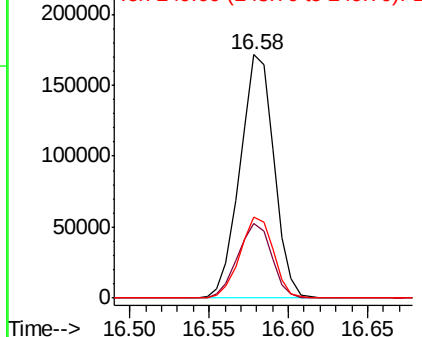


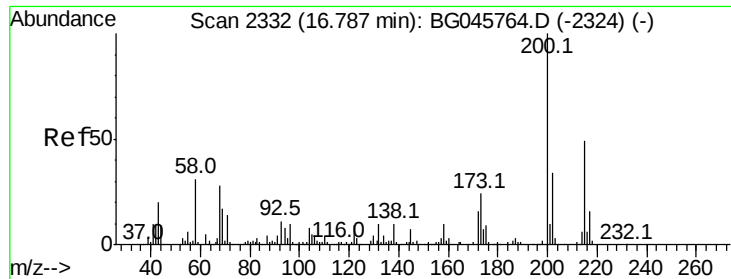
#68
Hexachlorobenzene
Concen: 42.852 ng
RT: 16.58 min Scan# 2296
Delta R.T. -0.00 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

Tgt Ion:284 Resp: 255027
Ion Ratio Lower Upper
284 100
142 30.5 24.5 36.7
249 33.5 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: 38.147 ng

RT: 16.74 min Scan# 2323

Delta R.T. 0.00 min

Lab File: BG045902.D

Acq: 1 Jul 2020 12:23

Instrument :

BNA_G

ClientSampleId :

CL-01-062420MSD

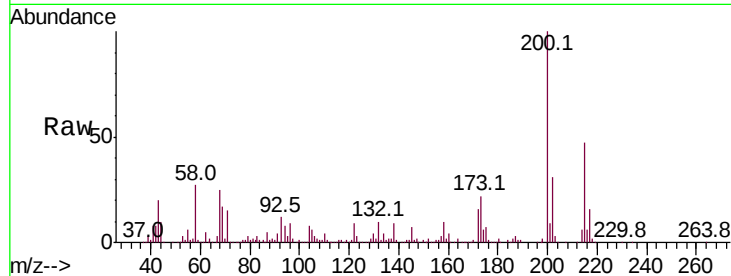
Tot Ion:200 Resp: 185190

Ion Ratio Lower Upper

200 100

173 22.1 6.7 46.7

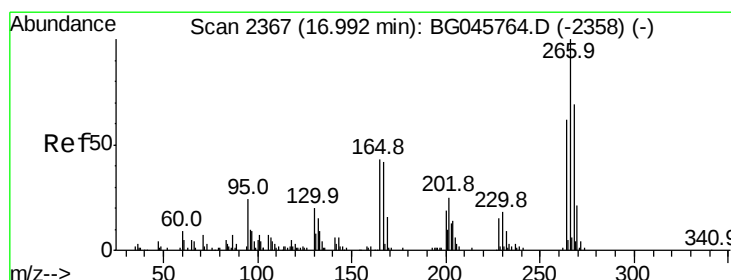
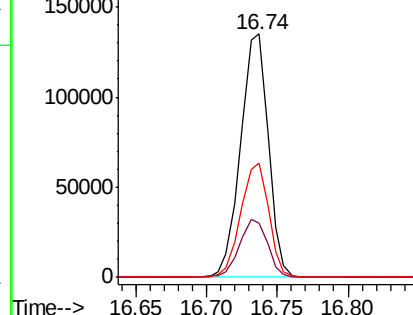
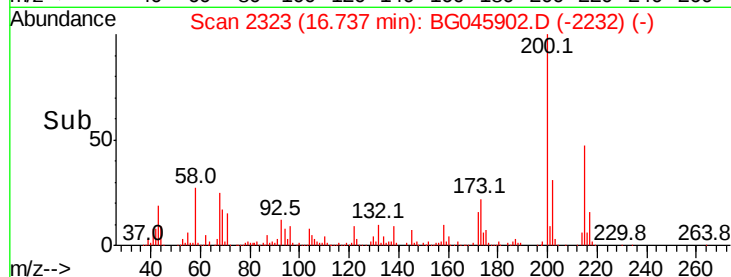
215 47.0 30.7 70.7



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: 68.473 ng

RT: 16.94 min Scan# 2357

Delta R.T. 0.00 min

Lab File: BG045902.D

Acq: 1 Jul 2020 12:23

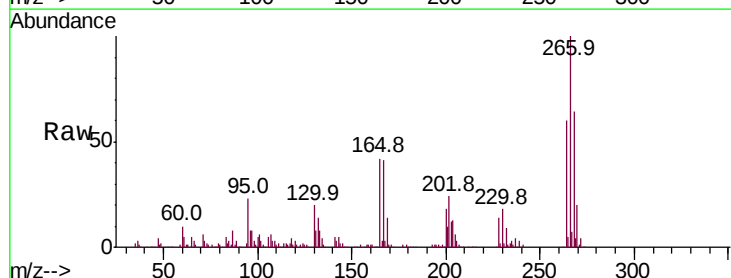
Tgt Ion:266 Resp: 197406

Ion Ratio Lower Upper

266 100

268 64.2 50.9 76.3

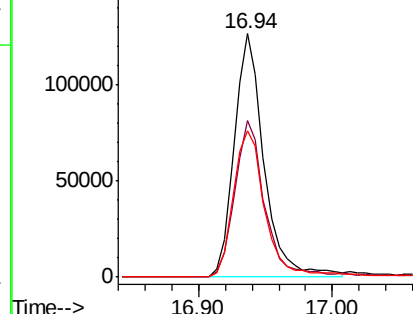
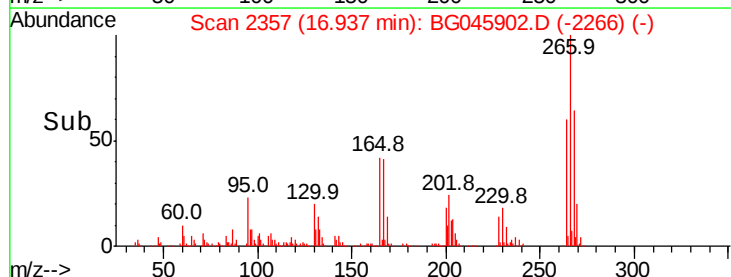
264 60.1 49.8 74.8

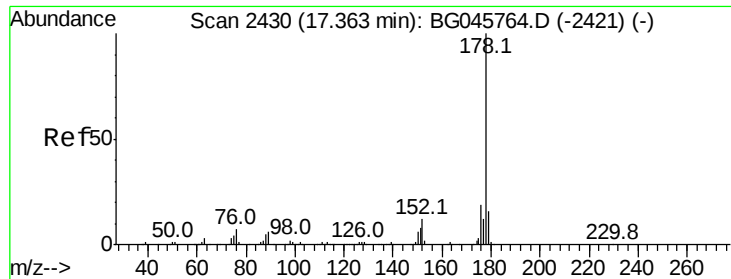


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

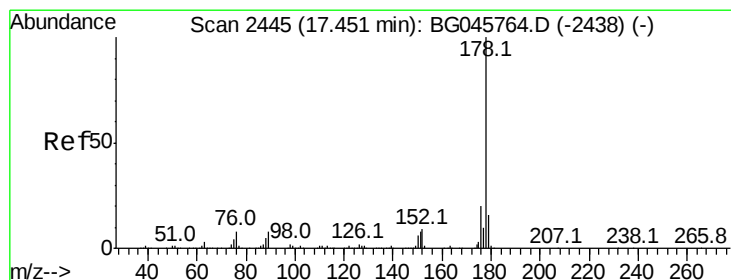
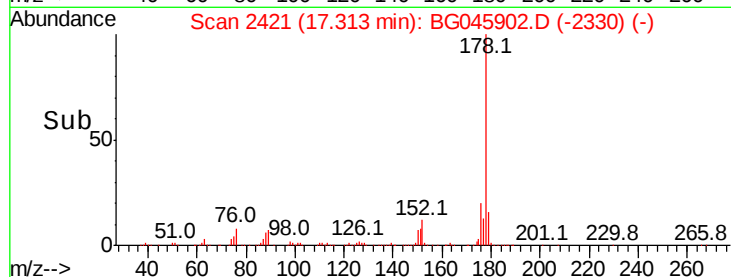
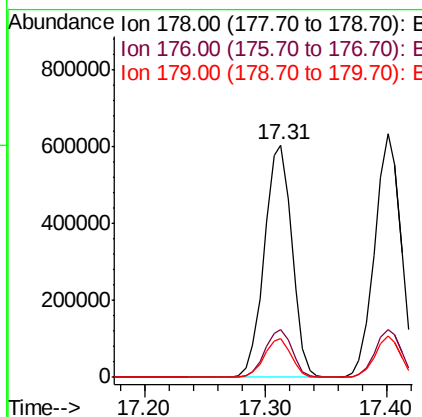
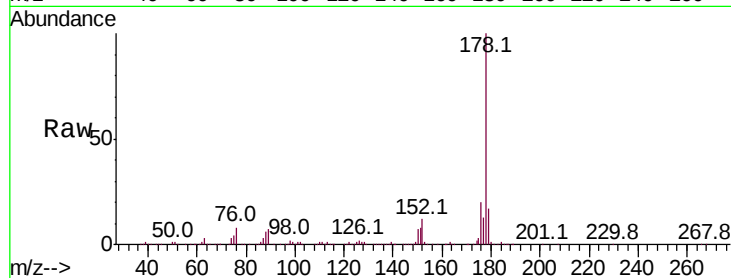




#71
Phenanthrene
Concen: 41.776 ng
RT: 17.31 min Scan# 2421
Delta R.T. 0.00 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

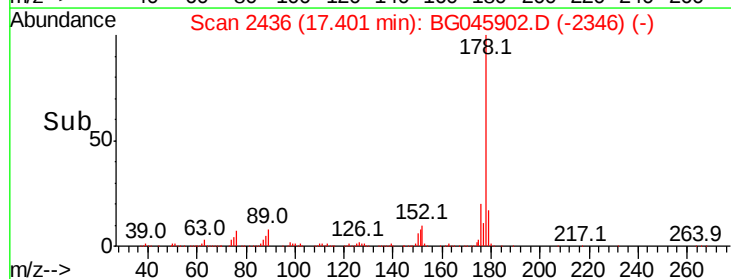
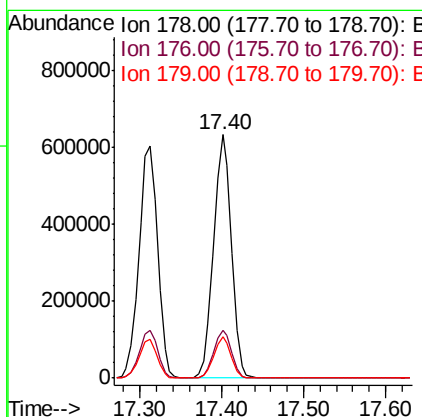
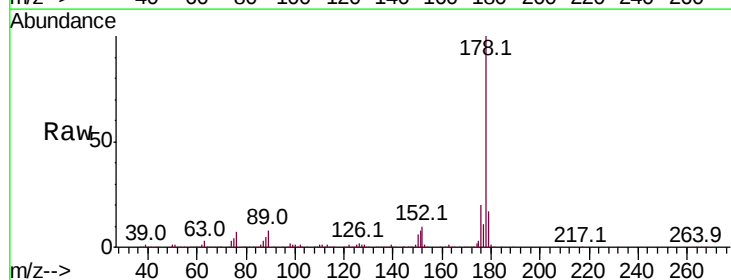
Instrument :
BNA_G
ClientSampleId :
CL-01-062420MSD

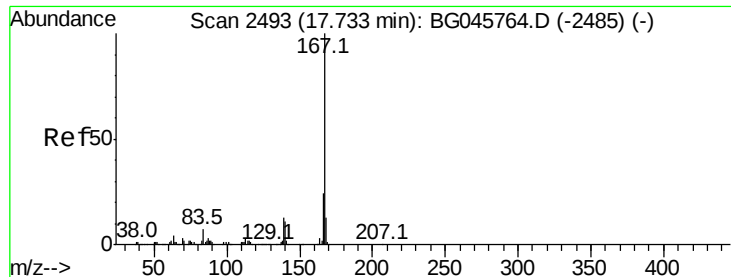
Tot Ion:178 Resp: 951669
Ion Ratio Lower Upper
178 100
176 20.3 15.8 23.8
179 16.6 13.2 19.8



#72
Anthracene
Concen: 42.335 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

Tgt Ion:178 Resp: 960361
Ion Ratio Lower Upper
178 100
176 19.6 15.7 23.5
179 16.9 12.8 19.2

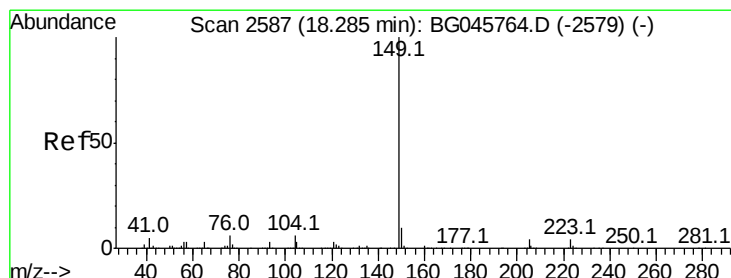
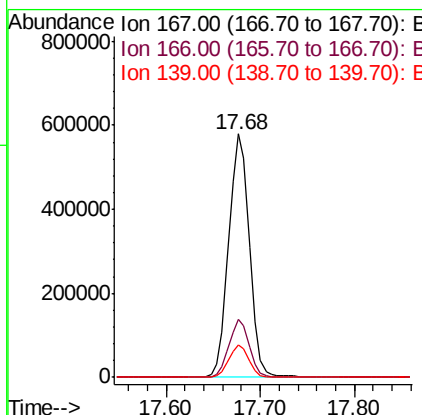
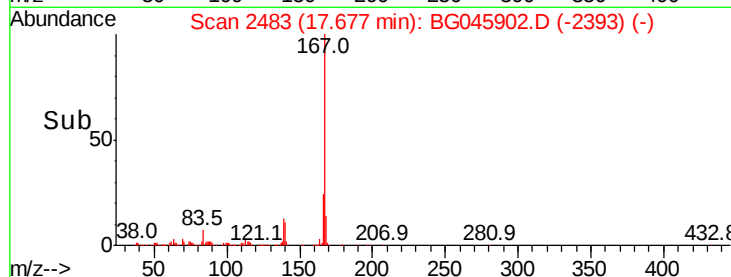
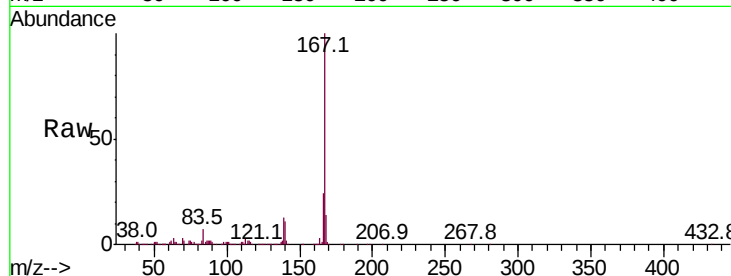




#73
 Carbazole
 Concen: 41.110 ng
 RT: 17.68 min Scan# 2483
 Delta R.T. -0.00 min
 Lab File: BG045902.D
 Acq: 1 Jul 2020 12:23

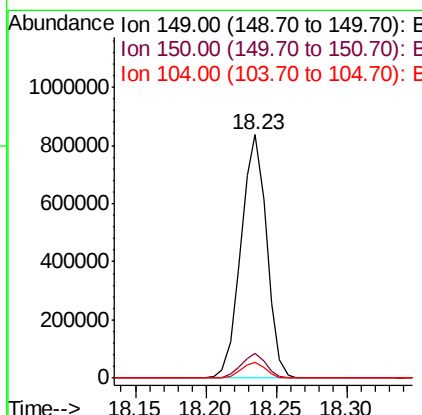
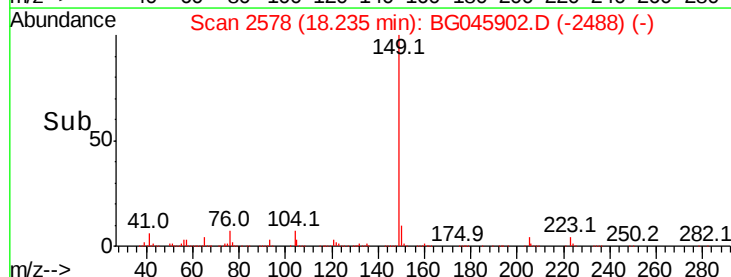
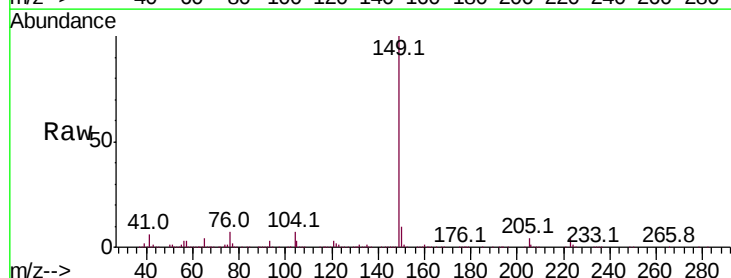
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-062420MSD

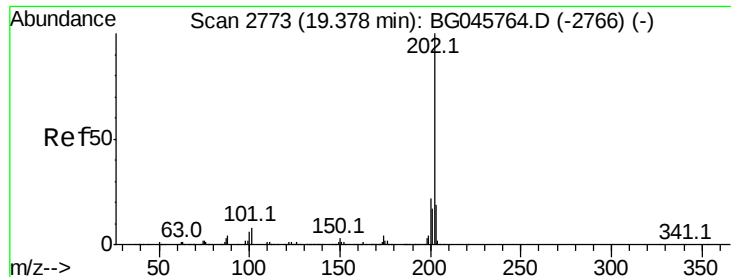
Tot Ion:167 Resp: 887963
 Ion Ratio Lower Upper
 167 100
 166 23.8 18.8 28.2
 139 13.5 10.4 15.6



#74
 Di-n-butylphthalate
 Concen: 41.392 ng
 RT: 18.23 min Scan# 2578
 Delta R.T. -0.00 min
 Lab File: BG045902.D
 Acq: 1 Jul 2020 12:23

Tgt Ion:149 Resp: 1058611
 Ion Ratio Lower Upper
 149 100
 150 10.3 7.8 11.6
 104 6.7 4.9 7.3





#75

Fluoranthene

Concen: 41.000 ng

RT: 19.33 min Scan# 2764

Delta R.T. 0.00 min

Lab File: BG045902.D

Acq: 1 Jul 2020 12:23

Instrument :

BNA_G

ClientSampleId :

CL-01-062420MSD

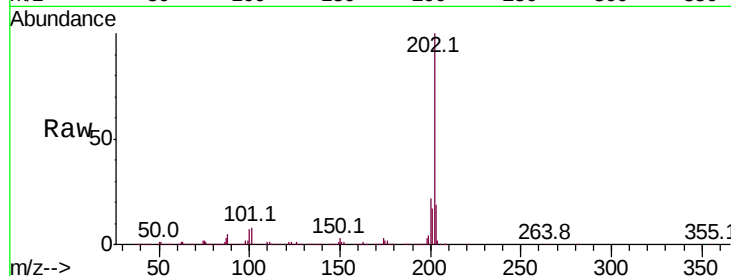
Tot Ion:202 Resp: 1148507

Ion Ratio Lower Upper

202 100

101 7.7 0.0 28.0

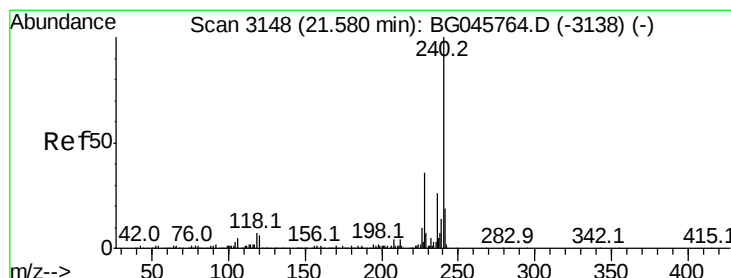
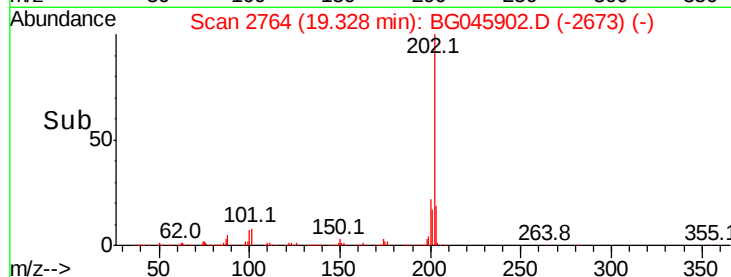
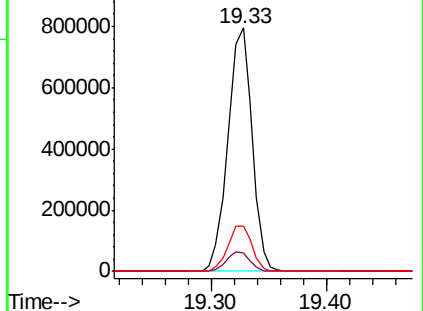
203 18.8 0.0 38.5



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: BG045902.D

Acq: 1 Jul 2020 12:23

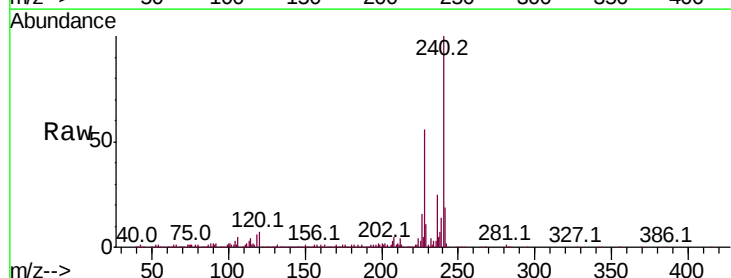
Tgt Ion:240 Resp: 402593

Ion Ratio Lower Upper

240 100

120 6.9 5.6 8.4

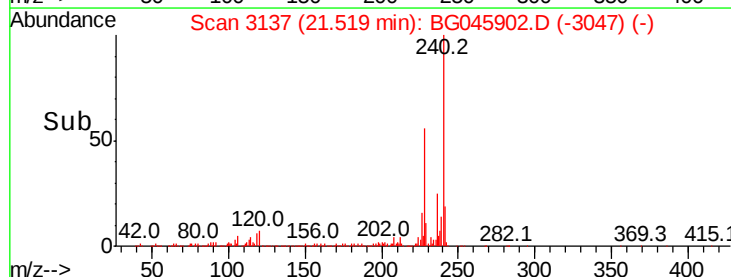
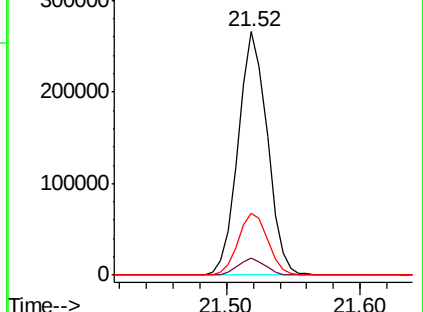
236 25.2 21.3 31.9

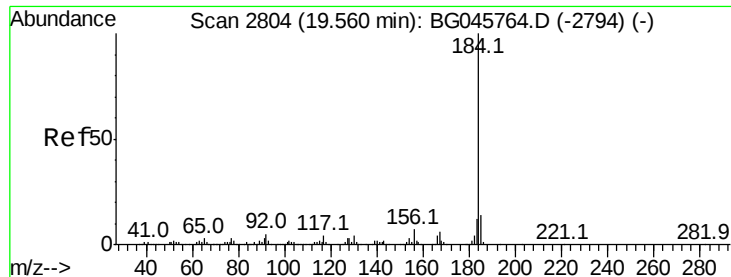


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 20.148 ng

RT: 19.51 min Scan# 2795

Delta R.T. 0.00 min

Lab File: BG045902.D

Acq: 1 Jul 2020 12:23

Instrument :

BNA_G

ClientSampleId :

CL-01-062420MSD

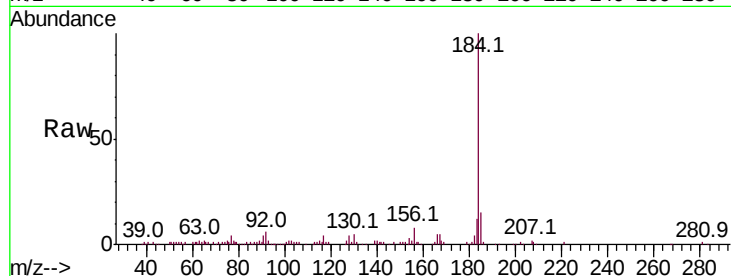
Tot Ion:184 Resp: 210871

Ion Ratio Lower Upper

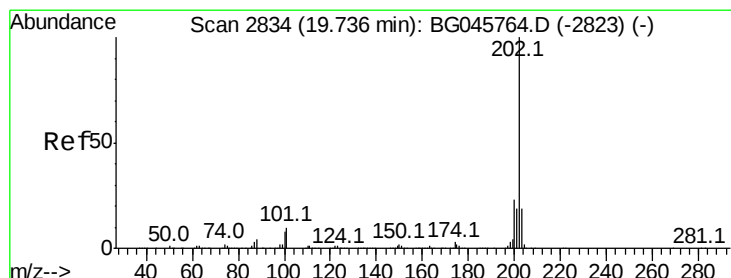
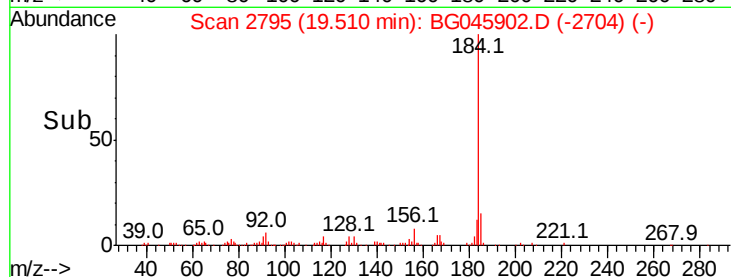
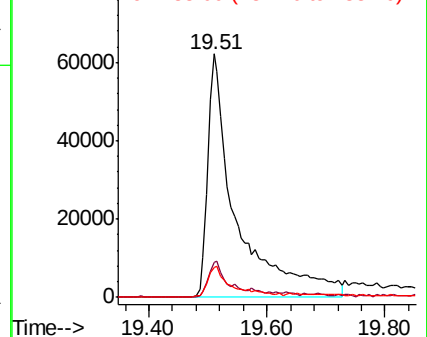
184 100

185 14.6 10.6 15.8

183 12.0 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: 41.915 ng

RT: 19.69 min Scan# 2825

Delta R.T. -0.00 min

Lab File: BG045902.D

Acq: 1 Jul 2020 12:23

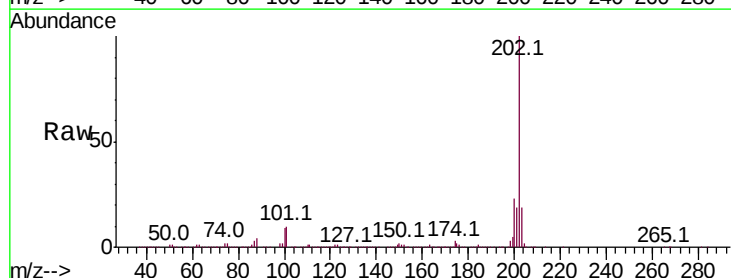
Tgt Ion:202 Resp: 1129989

Ion Ratio Lower Upper

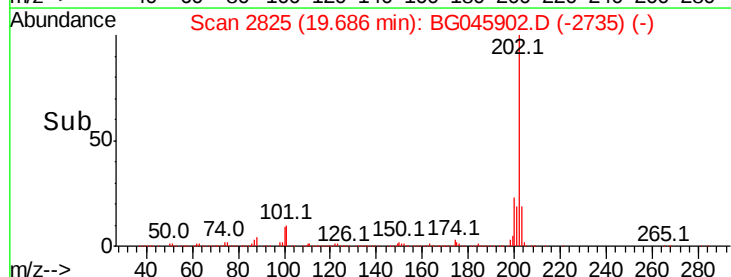
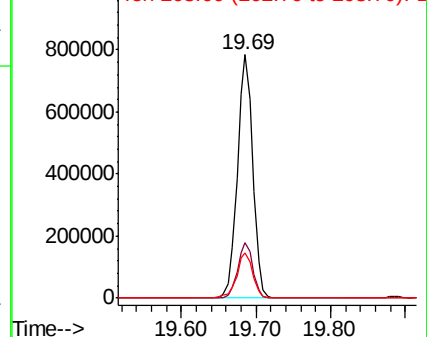
202 100

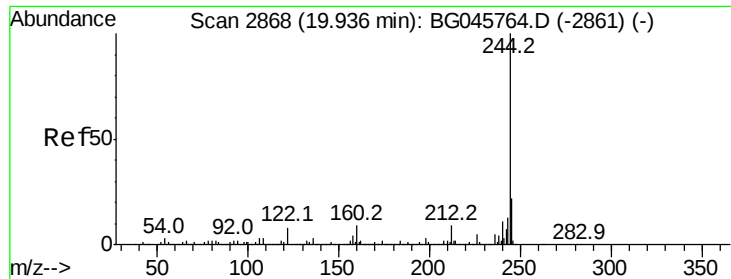
200 22.7 18.0 27.0

203 18.7 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: 84.345 ng

RT: 19.89 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG045902.D

Acq: 1 Jul 2020 12:23

Instrument :

BNA_G

ClientSampleId :

CL-01-062420MSD

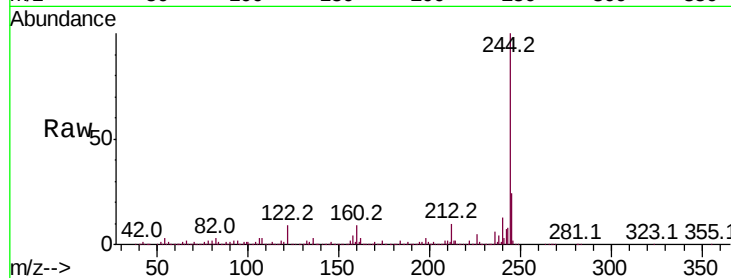
Tot Ion:244 Resp: 1675562

Ion Ratio Lower Upper

244 100

212 9.6 7.2 10.8

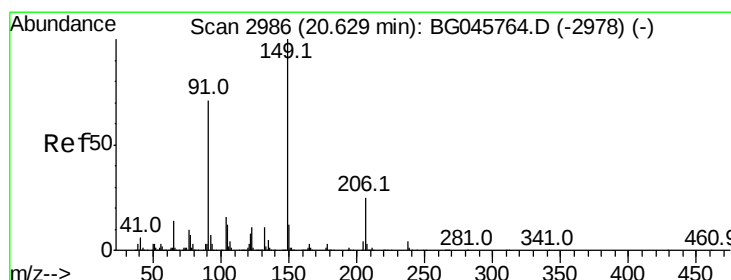
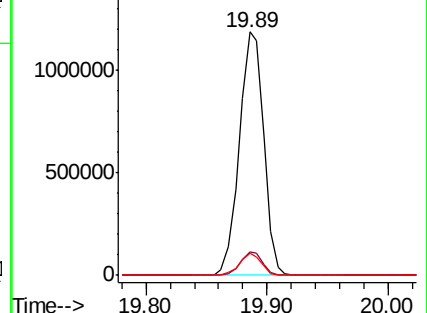
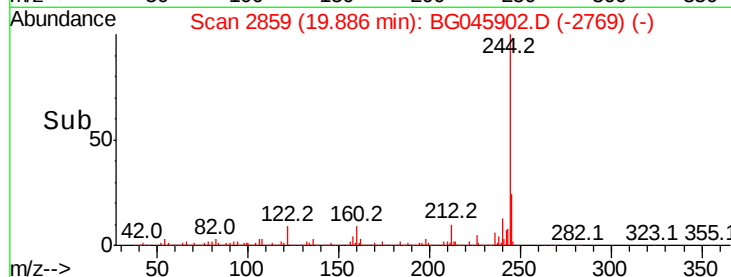
122 9.0 6.9 10.3



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: 41.748 ng

RT: 20.58 min Scan# 2977

Delta R.T. -0.00 min

Lab File: BG045902.D

Acq: 1 Jul 2020 12:23

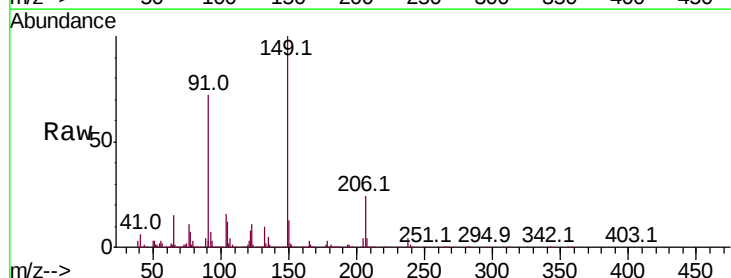
Tgt Ion:149 Resp: 471098

Ion Ratio Lower Upper

149 100

91 72.4 57.0 85.4

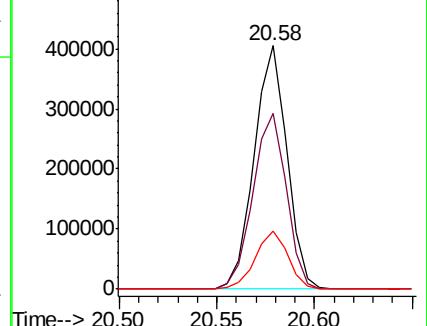
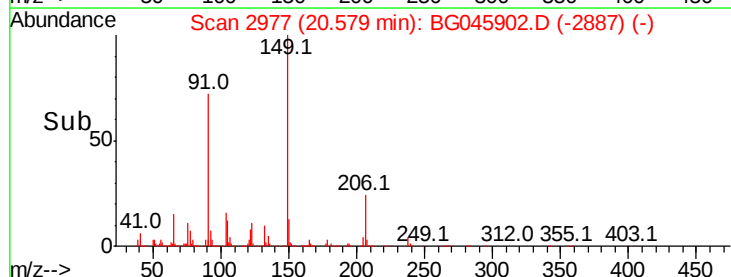
206 23.9 20.0 30.0

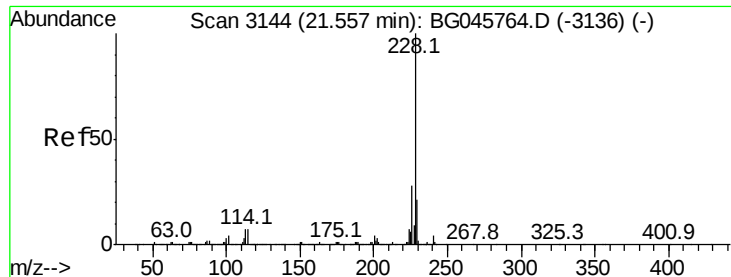


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

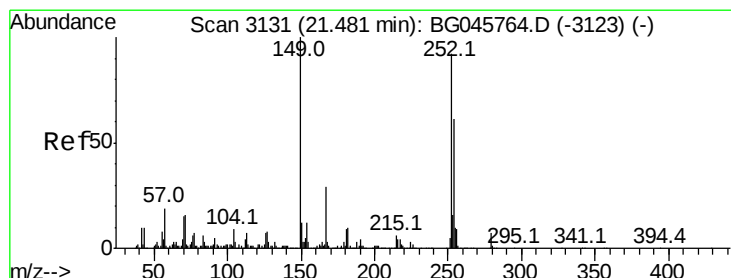
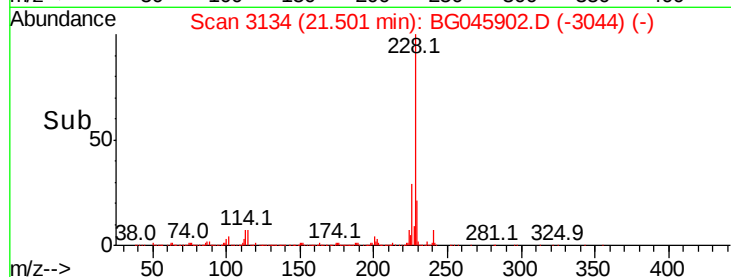
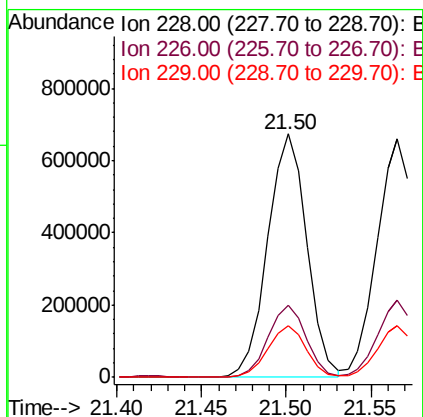
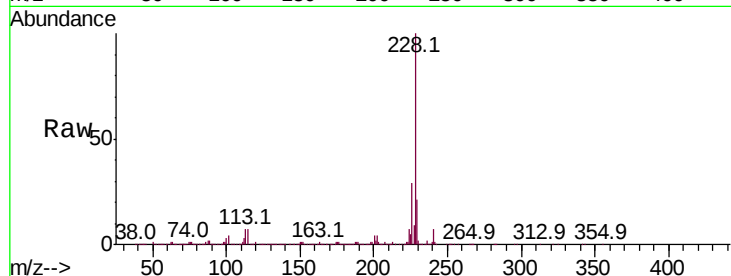




#81
Benzo(a)anthracene
Concen: 41.447 ng
RT: 21.50 min Scan# 3134
Delta R.T. -0.00 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

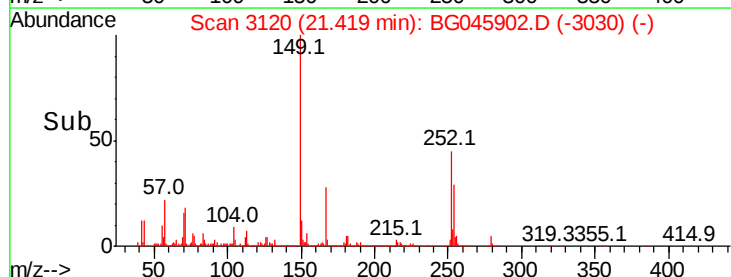
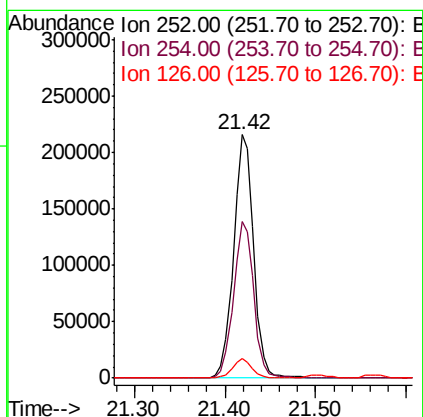
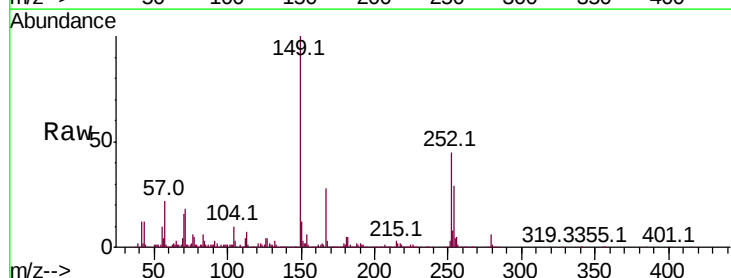
Instrument :
BNA_G
ClientSampleId :
CL-01-062420MSD

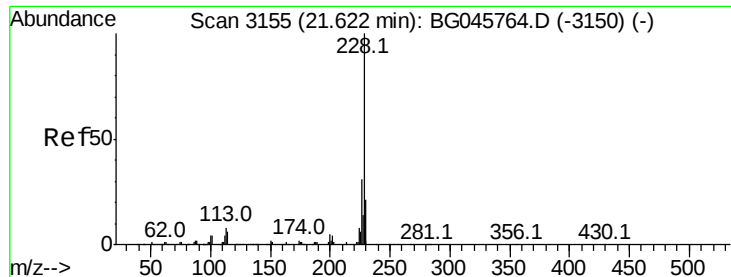
Tot Ion:228 Resp: 1081838
Ion Ratio Lower Upper
228 100
226 29.4 23.2 34.8
229 21.2 16.6 25.0



#82
3,3'-Dichlorobenzidine
Concen: 33.806 ng
RT: 21.42 min Scan# 3120
Delta R.T. -0.00 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

Tgt Ion:252 Resp: 333770
Ion Ratio Lower Upper
252 100
254 64.2 54.1 81.1
126 8.3 6.6 9.8





#83

Chrysene

Concen: 41.260 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.00 min

Lab File: BG045902.D

Acq: 1 Jul 2020 12:23

Instrument :

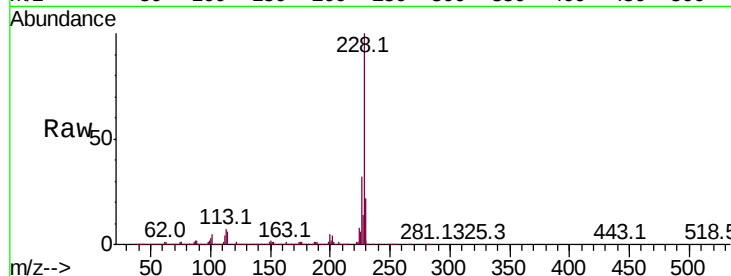
BNA_G

ClientSampleId :

CL-01-062420MSD

Tot Ion:228 Resp: 1041649

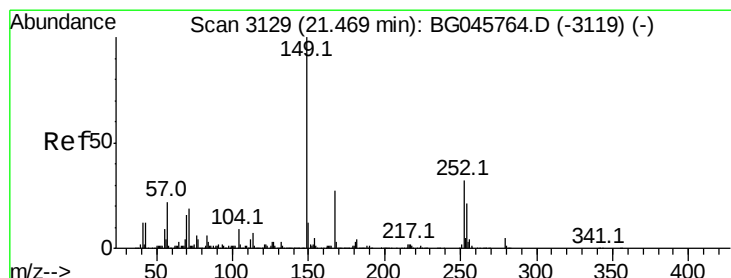
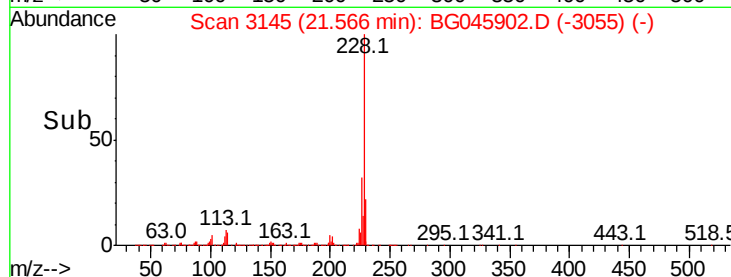
Ion	Ratio	Lower	Upper
228	100		
226	32.4	25.4	38.0
229	21.7	16.3	24.5



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.689 ng

RT: 21.42 min Scan# 3120

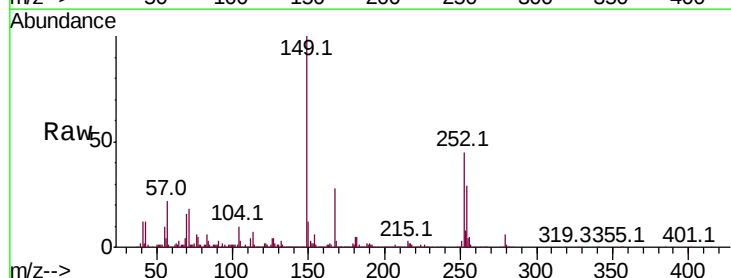
Delta R.T. 0.00 min

Lab File: BG045902.D

Acq: 1 Jul 2020 12:23

Tgt Ion:149 Resp: 654354

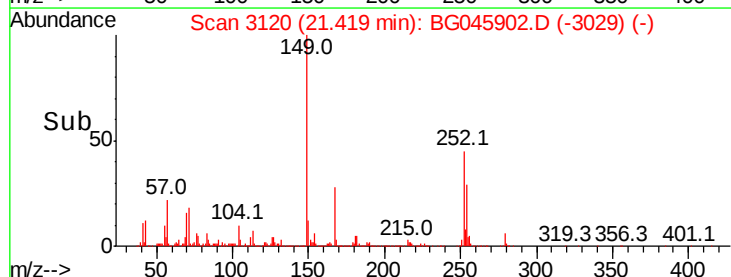
Ion	Ratio	Lower	Upper
149	100		
167	28.4	21.7	32.5
279	5.5	4.2	6.2

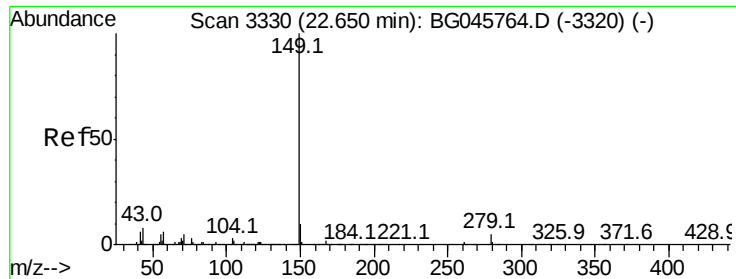


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

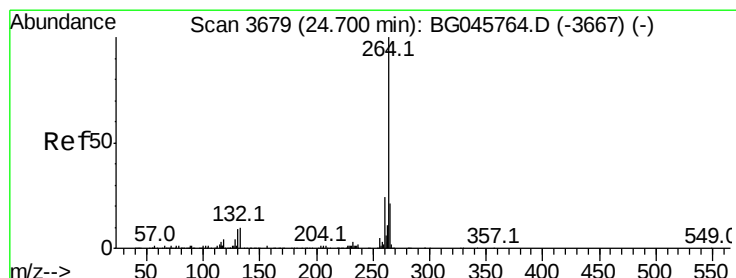
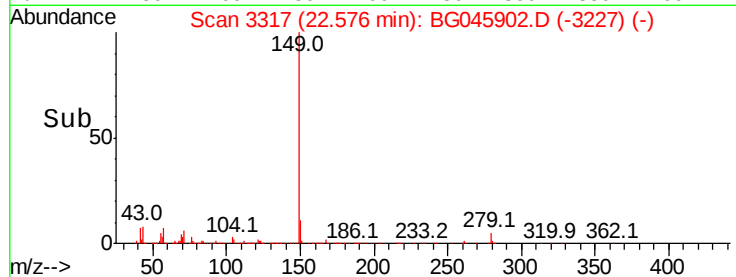
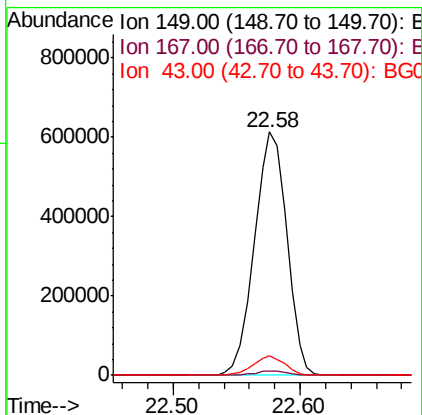
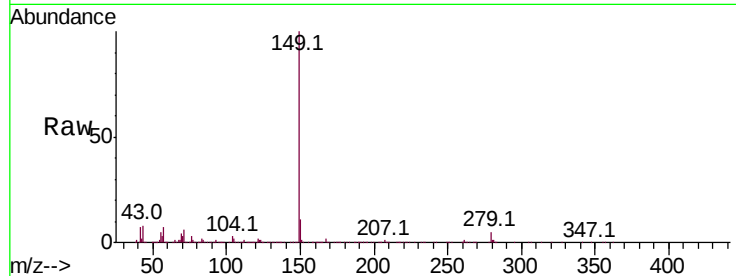




#85
Di-n-octyl phthalate
Concen: 40.257 ng
RT: 22.58 min Scan# 3317
Delta R.T. -0.00 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

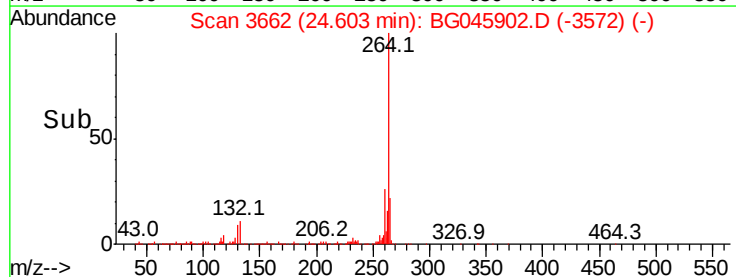
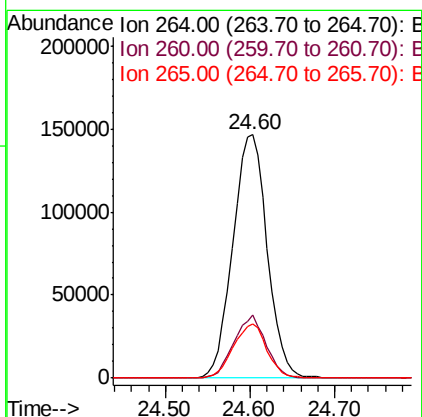
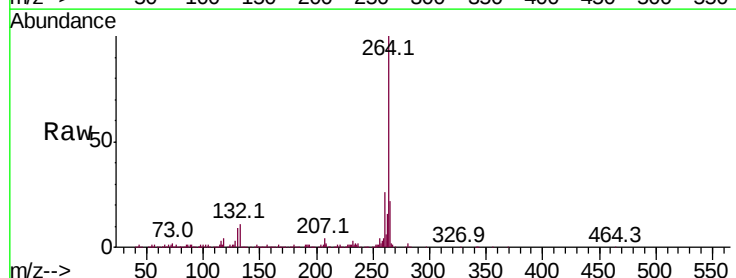
Instrument :
BNA_G
ClientSampleId :
CL-01-062420MSD

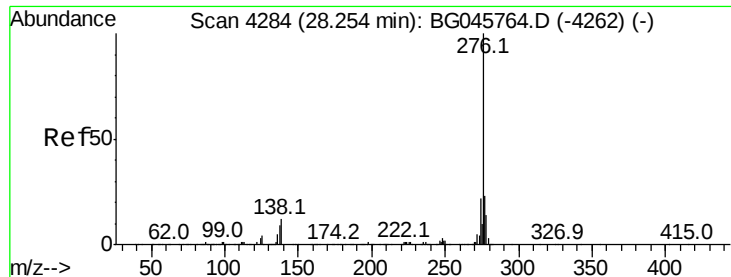
Tot Ion:149 Resp: 1089935
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 7.6 6.2 9.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.60 min Scan# 3662
Delta R.T. -0.00 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

Tgt Ion:264 Resp: 411766
Ion Ratio Lower Upper
264 100
260 26.1 19.5 29.3
265 22.3 17.4 26.0

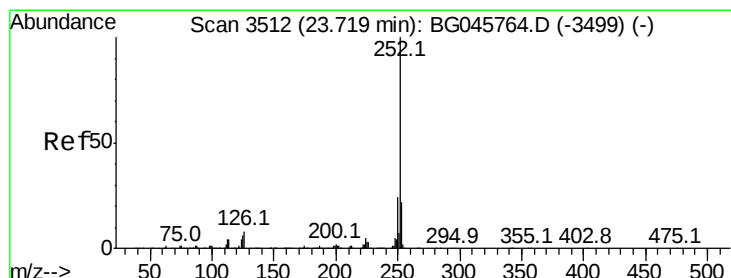
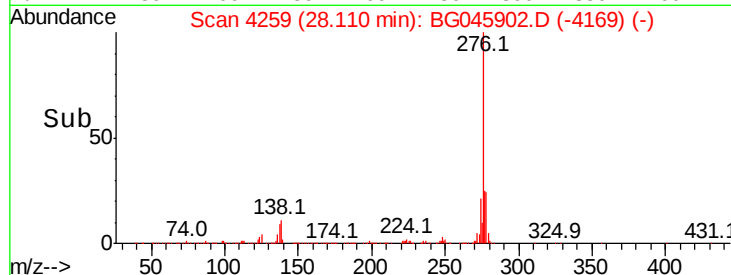
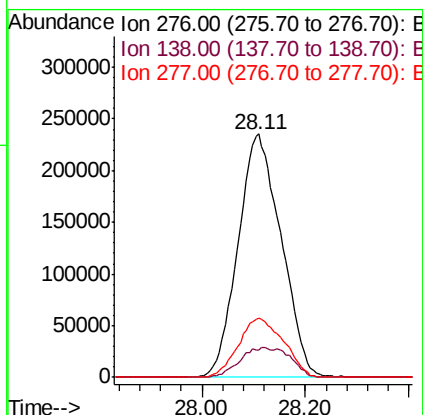
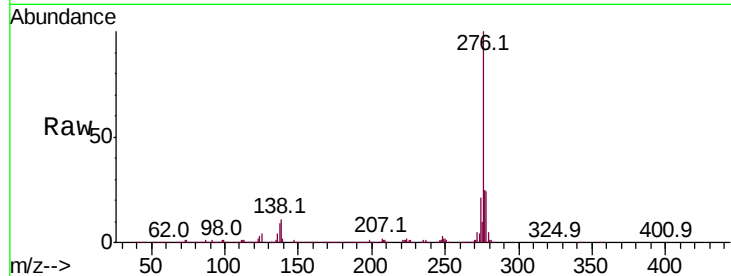




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 45.492 ng
 RT: 28.11 min Scan# 4259
 Delta R.T. -0.00 min
 Lab File: BG045902.D
 Acq: 1 Jul 2020 12:23

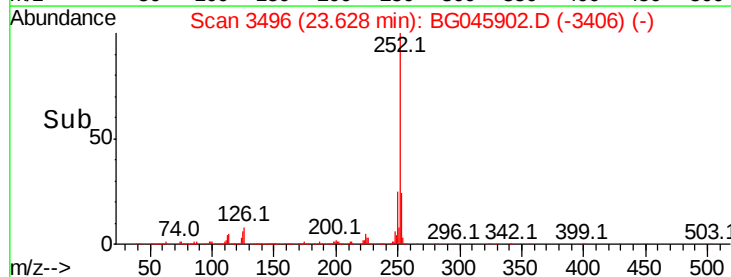
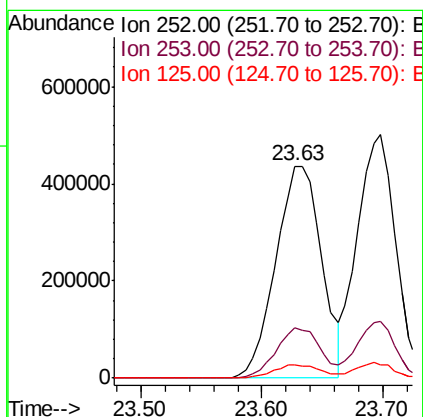
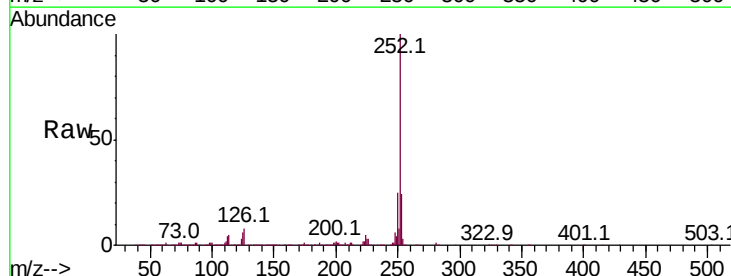
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-062420MSD

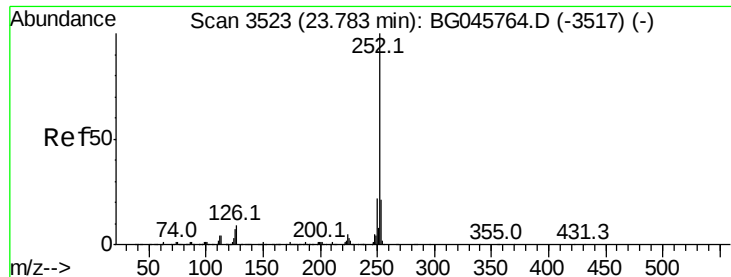
Tot Ion:276 Resp: 1358004
 Ion Ratio Lower Upper
 276 100
 138 8.7 11.8 17.6#
 277 25.6 20.5 30.7



#88
 Benzo(b)fluoranthene
 Concen: 44.396 ng
 RT: 23.63 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: BG045902.D
 Acq: 1 Jul 2020 12:23

Tgt Ion:252 Resp: 1146180
 Ion Ratio Lower Upper
 252 100
 253 23.7 18.5 27.7
 125 6.3 5.4 8.0





#89

Benzo(k)fluoranthene

Concen: 44.620 ng

RT: 23.70 min Scan# 3508

Delta R.T. 0.00 min

Lab File: BG045902.D

Acq: 1 Jul 2020 12:23

Instrument :

BNA_G

ClientSampleId :

CL-01-062420MSD

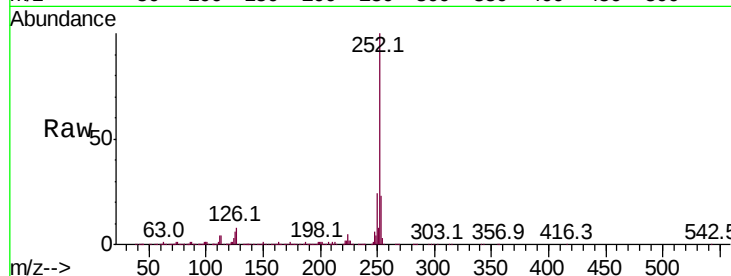
Tot Ion:252 Resp: 1102539

Ion Ratio Lower Upper

252 100

253 23.1 18.8 28.2

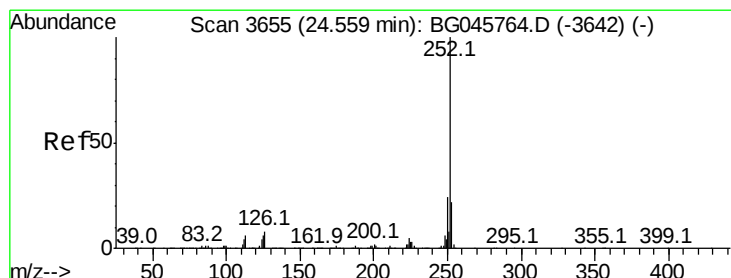
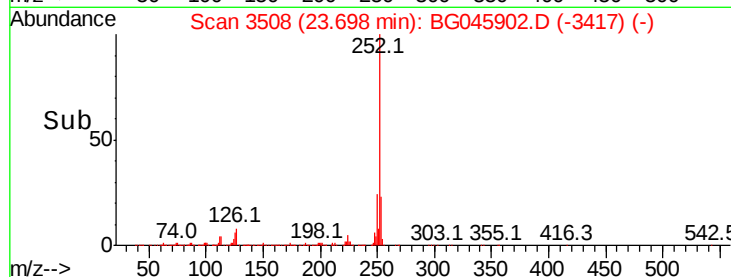
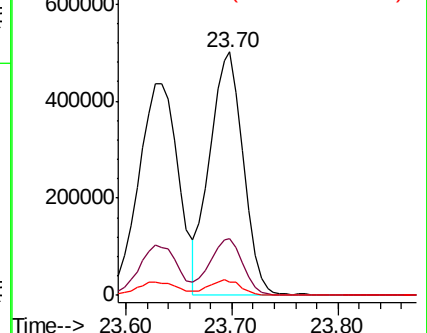
125 5.6 5.2 7.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 42.840 ng

RT: 24.46 min Scan# 3638

Delta R.T. -0.00 min

Lab File: BG045902.D

Acq: 1 Jul 2020 12:23

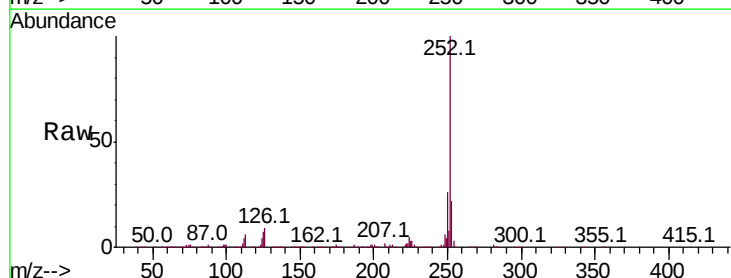
Tgt Ion:252 Resp: 1033172

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

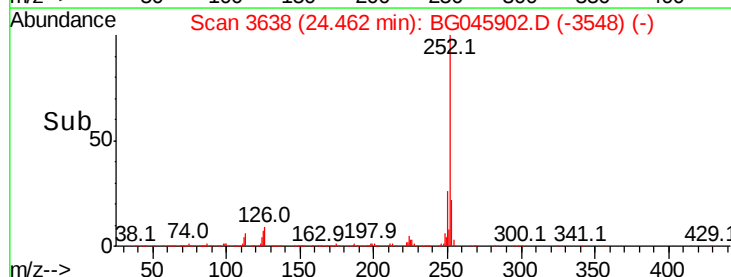
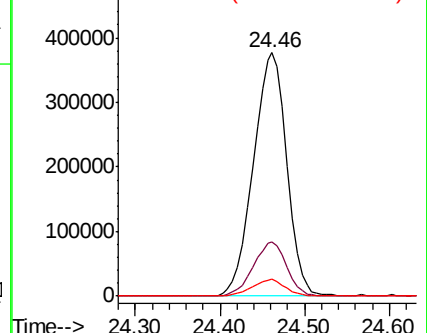
125 6.9 5.9 8.9

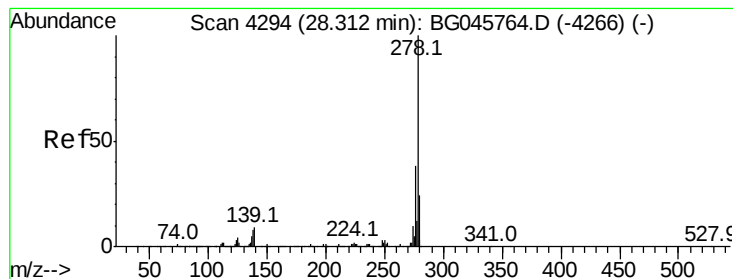


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 46.849 ng

RT: 28.16 min Scan# 4268

Delta R.T. -0.00 min

Lab File: BG045902.D

Acq: 1 Jul 2020 12:23

Instrument :

BNA_G

ClientSampleId :

CL-01-062420MSD

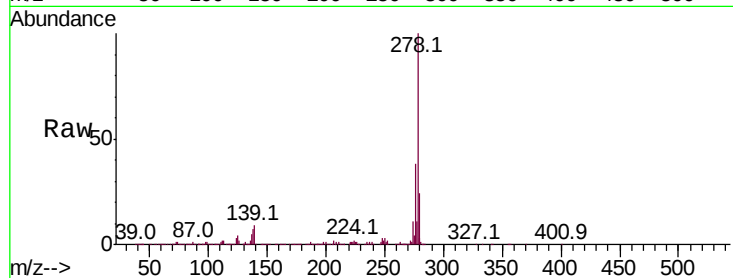
Tot Ion:278 Resp: 1121467

Ion	Ratio	Lower	Upper
278	100		
139	8.9	7.7	11.5
279	24.1	19.1	28.7

278 100

139 8.9 7.7 11.5

279 24.1 19.1 28.7

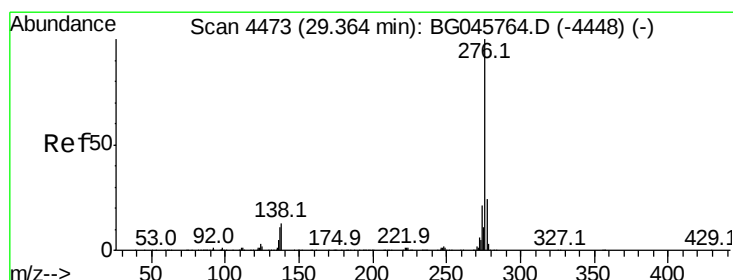
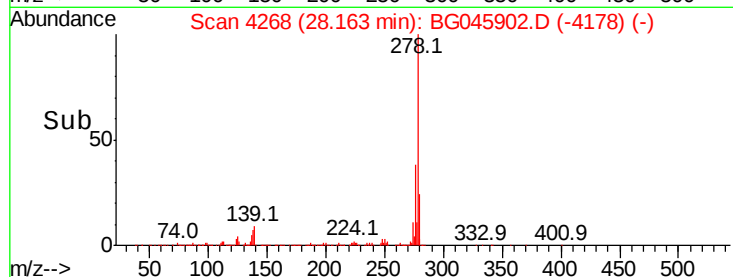
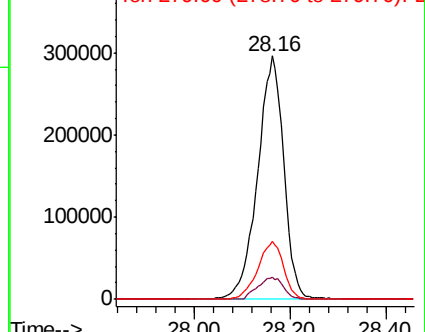


Abundance

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: 46.341 ng

RT: 29.20 min Scan# 4444

Delta R.T. 0.00 min

Lab File: BG045902.D

Acq: 1 Jul 2020 12:23

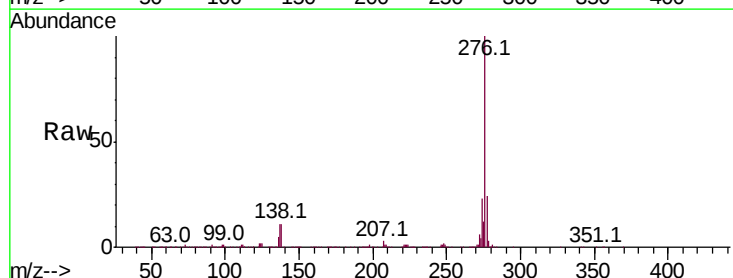
Tgt Ion:276 Resp: 1110323

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.0	28.4
138	11.4	9.4	14.2

276 100

277 24.2 19.0 28.4

138 11.4 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

