

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083120\
 Data File : BG046470.D
 Acq On : 31 Aug 2020 15:08
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 31 17:20:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 31 16:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	80635	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	327120	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	240002	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	591072	20.00	ng	0.00
76) Chrysene-d12	21.56	240	594085	20.00	ng	0.00
86) Perylene-d12	24.65	264	629625	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	332964	73.14	ng	0.00
7) Phenol-d6	7.10	99	483975	74.99	ng	0.00
23) Nitrobenzene-d5	9.08	82	417589	72.96	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	245581	75.52	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	1121720	71.35	ng	0.00
79) Terphenyl-d14	19.92	244	1941339	69.54	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	68062	35.935	ng	99
3) Pyridine	3.81	79	207807	37.499	ng	99
4) n-Nitrosodimethylamine	3.73	42	75231	36.808	ng	95
6) Aniline	7.25	93	271480	37.382	ng	100
8) 2-Chlorophenol	7.50	128	176654	36.713	ng	97
9) Benzaldehyde	7.06	77	138989	38.439	ng	92
10) Phenol	7.13	94	224039	37.690	ng	98
11) bis(2-Chloroethyl)ether	7.35	93	174227	36.464	ng	98
12) 1,3-Dichlorobenzene	7.82	146	224065	36.678	ng	98
13) 1,4-Dichlorobenzene	7.97	146	224366	36.686	ng	99
14) 1,2-Dichlorobenzene	8.28	146	213364	36.384	ng	100
15) Benzyl Alcohol	8.17	79	157726	38.066	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.46	45	271446	36.626	ng	99
17) 2-Methylphenol	8.37	107	158989	37.714	ng	96
18) Hexachloroethane	9.01	117	75057	36.195	ng	95
19) n-Nitroso-di-n-propylamine	8.73	70	144580	37.452	ng	99
20) 3+4-Methylphenols	8.70	107	221781	38.115	ng	99
22) Acetophenone	8.75	105	291397	36.595	ng	# 98
24) Nitrobenzene	9.13	77	205100	36.273	ng	98
25) Isophorone	9.65	82	393122	37.465	ng	99
26) 2-Nitrophenol	9.84	139	107683	36.095	ng	98
27) 2,4-Dimethylphenol	9.91	122	152637	37.200	ng	99
28) bis(2-Chloroethoxy)methane	10.14	93	250906	37.150	ng	99
29) 2,4-Dichlorophenol	10.38	162	206883	37.822	ng	99
30) 1,2,4-Trichlorobenzene	10.59	180	232488	35.822	ng	97
31) Naphthalene	10.78	128	589219	36.891	ng	99
32) Benzoic acid	10.05	122	87135	32.755	ng	95
33) 4-Chloroaniline	10.88	127	265970	37.764	ng	99
34) Hexachlorobutadiene	11.08	225	151380	35.931	ng	99
35) Caprolactam	11.65	113	78086	38.190	ng	96
36) 4-Chloro-3-methylphenol	12.02	107	208453	38.964	ng	95
37) 2-Methylnaphthalene	12.39	142	475666	37.761	ng	99
38) 1-Methylnaphthalene	12.60	142	447461	37.501	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	283303	35.796	ng	99

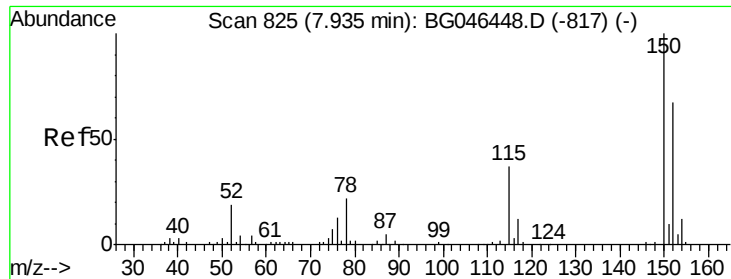
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083120\
 Data File : BG046470.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	121928	35.430	ng	96
43) 2,4,6-Trichlorophenol	13.00	196	194563	36.429	ng	98
44) 2,4,5-Trichlorophenol	13.07	196	205289	36.584	ng	99
46) 1,1'-Biphenyl	13.40	154	605677	36.272	ng	100
47) 2-Chloronaphthalene	13.44	162	508101	35.889	ng	100
48) 2-Nitroaniline	13.64	65	146720	37.321	ng	98
49) Acenaphthylene	14.28	152	790676	36.817	ng	99
50) Dimethylphthalate	14.02	163	667258	35.936	ng	99
51) 2,6-Dinitrotoluene	14.13	165	149989	36.646	ng	99
52) Acenaphthene	14.62	154	493516	37.084	ng	98
53) 3-Nitroaniline	14.46	138	163529	36.885	ng	97
54) 2,4-Dinitrophenol	14.67	184	82907	34.702	ng	98
55) Dibenzofuran	14.96	168	790954	37.034	ng	100
56) 4-Nitrophenol	14.78	139	118617	36.353	ng	96
57) 2,4-Dinitrotoluene	14.92	165	217209	37.218	ng	98
58) Fluorene	15.61	166	650824	36.307	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.19	232	202459	37.154	ng	99
60) Diethylphthalate	15.38	149	653959	36.124	ng	99
61) 4-Chlorophenyl-phenylether	15.60	204	360490	36.516	ng	99
62) 4-Nitroaniline	15.62	138	175550	37.526	ng	99
63) Azobenzene	15.89	77	536733	36.448	ng	98
65) 4,6-Dinitro-2-methylphenol	15.69	198	120223	35.936	ng	98
66) n-Nitrosodiphenylamine	15.82	169	587070	36.816	ng	99
67) 4-Bromophenyl-phenylether	16.50	248	258834	37.535	ng	97
68) Hexachlorobenzene	16.62	284	280605	36.742	ng	98
69) Atrazine	16.77	200	242333	37.252	ng	99
70) Pentachlorophenol	16.96	266	152200	38.143	ng	99
71) Phenanthrene	17.35	178	1091279	36.425	ng	100
72) Anthracene	17.44	178	1075150	36.373	ng	99
73) Carbazole	17.71	167	1017306	36.451	ng	99
74) Di-n-butylphthalate	18.27	149	1156627	36.041	ng	99
75) Fluoranthene	19.36	202	1370877	35.556	ng	100
77) Benzidine	19.54	184	503951	36.506	ng	99
78) Pyrene	19.72	202	1380415	36.489	ng	100
80) Butylbenzylphthalate	20.61	149	539662	36.572	ng	99
81) Benzo(a)anthracene	21.53	228	1333805	36.020	ng	100
82) 3,3'-Dichlorobenzidine	21.45	252	499718	36.365	ng	99
83) Chrysene	21.60	228	1271567	35.699	ng	100
84) Bis(2-ethylhexyl)phthalate	21.46	149	730215	36.262	ng	99
85) Di-n-octyl phthalate	22.63	149	1255995	36.426	ng	100
87) Indeno(1,2,3-cd)pyrene	28.17	276	1593538	35.239	ng	100
88) Benzo(b)fluoranthene	23.68	252	1361994	34.643	ng	99
89) Benzo(k)fluoranthene	23.74	252	1331828	35.052	ng	98
90) Benzo(a)pyrene	24.51	252	1290685	35.179	ng	99
91) Dibenzo(a,h)anthracene	28.23	278	1282177	35.136	ng	99
92) Benzo(g,h,i)perylene	29.27	276	1288701	35.365	ng	98

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

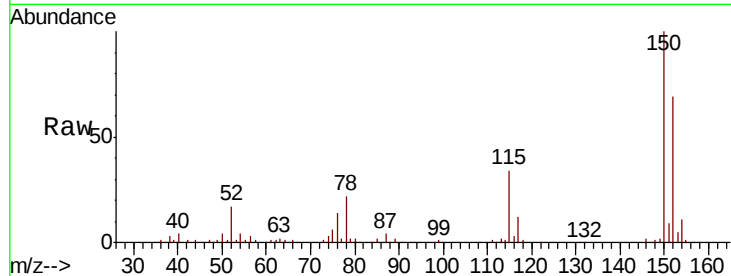


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. 0.00 min
Lab File: BG046470.D
Acq: 31 Aug 2020 15:08

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.8	119.5	179.3
115	50.2	44.3	66.5

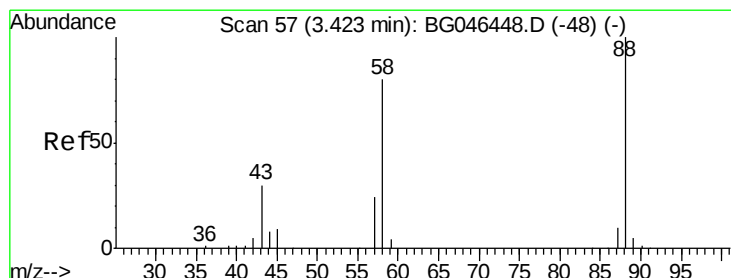
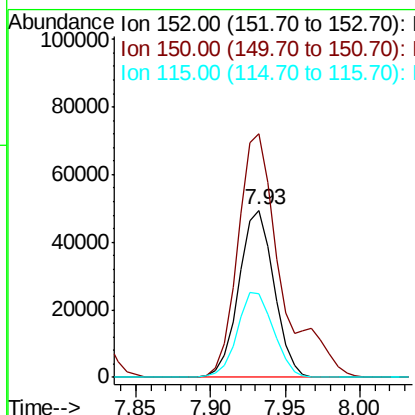
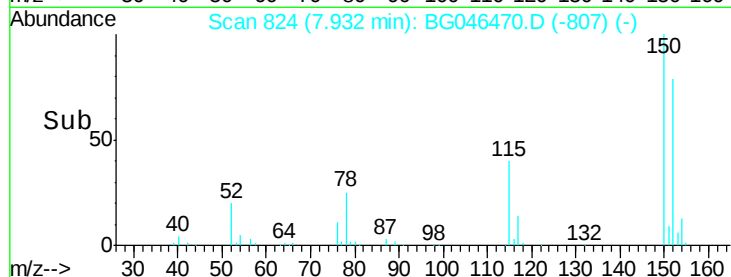


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

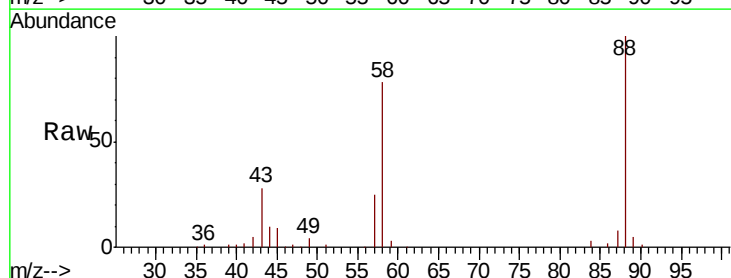
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.935 ng
RT: 3.42 min Scan# 56
Delta R.T. 0.00 min
Lab File: BG046470.D
Acq: 31 Aug 2020 15:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.2	61.4	92.2
43	26.9	21.6	32.4

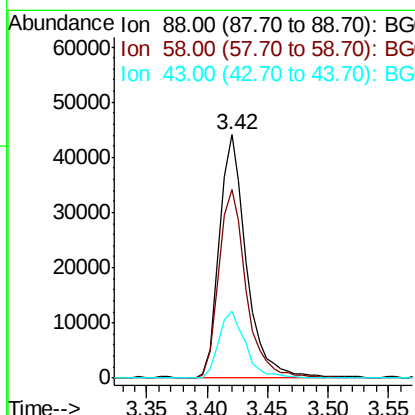
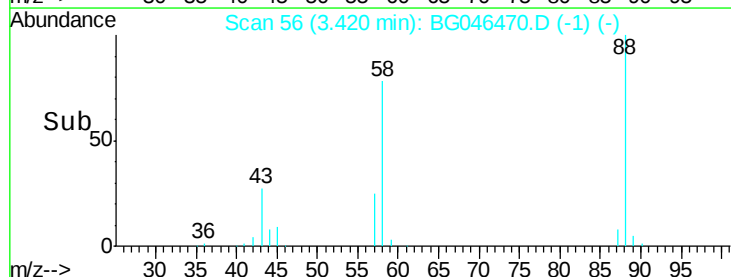


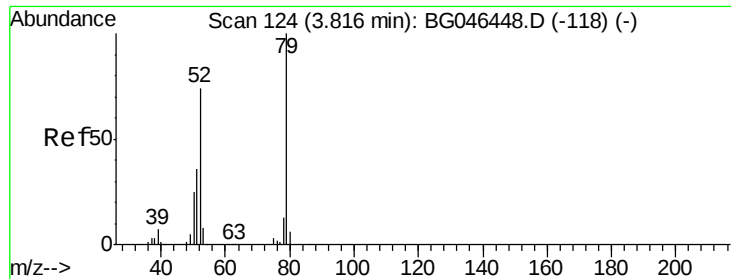
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 37.499 ng

RT: 3.81 min Scan# 123

Delta R.T. 0.00 min

Lab File: BG046470.D

Acq: 31 Aug 2020 15:08

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

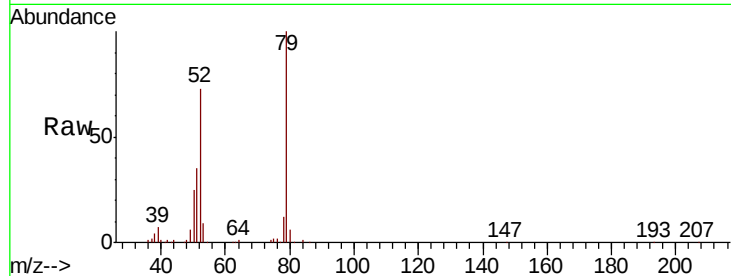
Tot Ion: 79 Resp: 207807

Ion Ratio Lower Upper

79 100

52 73.0 59.1 88.7

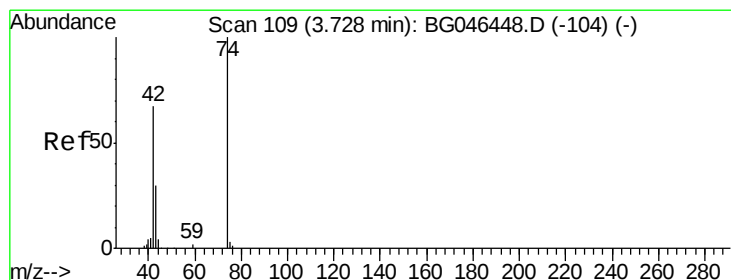
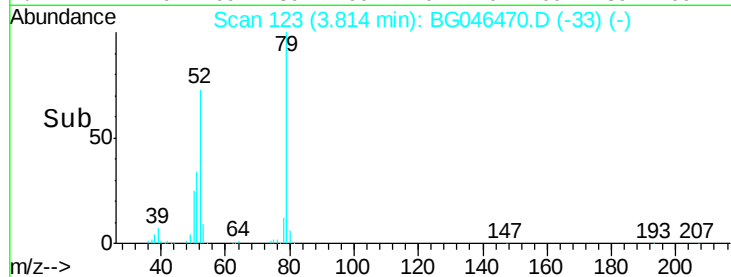
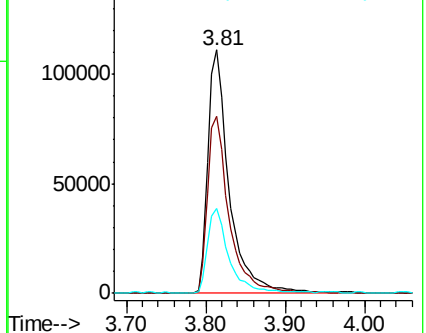
51 35.1 29.0 43.6



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 36.808 ng

RT: 3.73 min Scan# 108

Delta R.T. 0.00 min

Lab File: BG046470.D

Acq: 31 Aug 2020 15:08

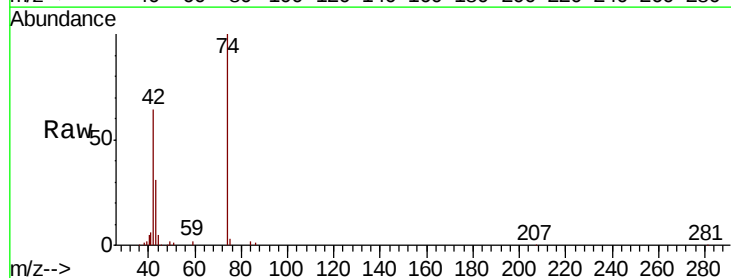
Tgt Ion: 42 Resp: 75231

Ion Ratio Lower Upper

42 100

74 155.9 119.5 179.3

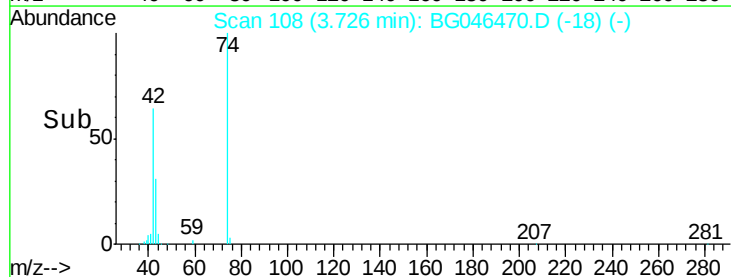
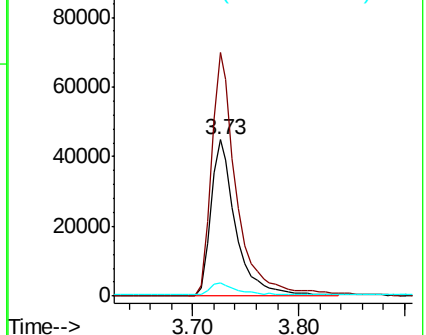
44 8.3 5.7 8.5

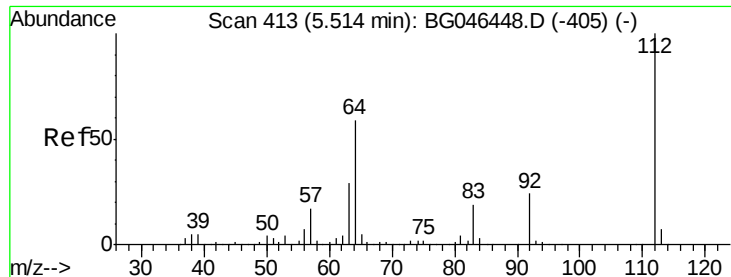


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 73.137 ng

RT: 5.51 min Scan# 412

Delta R.T. 0.00 min

Lab File: BG046470.D

Acq: 31 Aug 2020 15:08

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

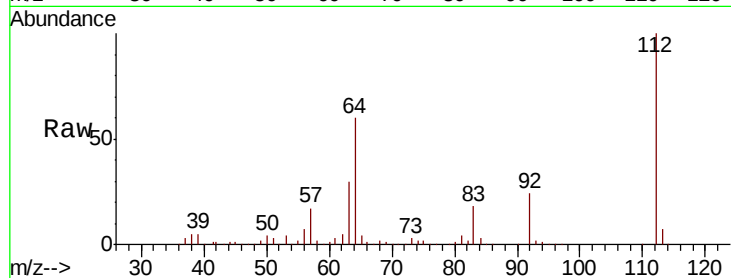
Tot Ion:112 Resp: 332964

Ion Ratio Lower Upper

112 100

64 59.9 47.0 70.6

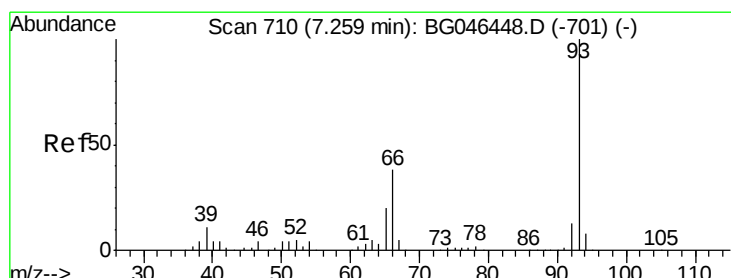
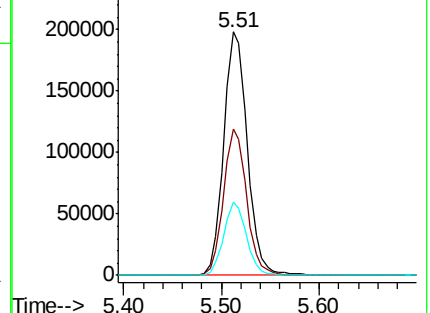
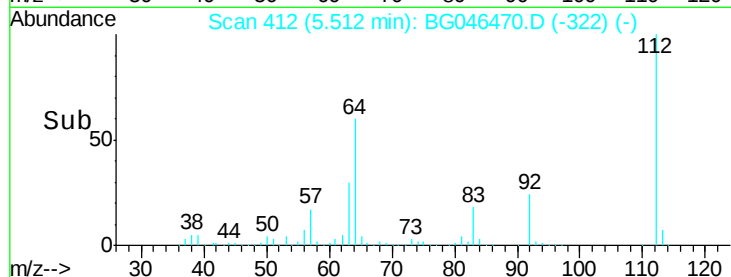
63 30.2 23.5 35.3



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 37.382 ng

RT: 7.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BG046470.D

Acq: 31 Aug 2020 15:08

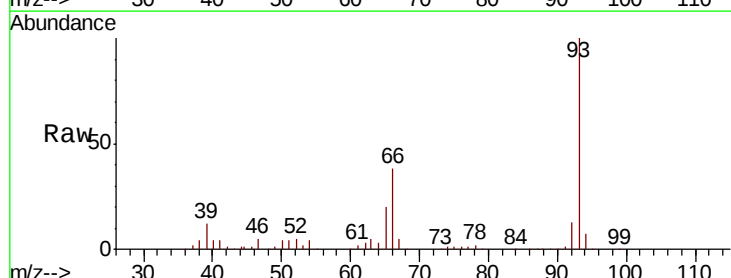
Tgt Ion: 93 Resp: 271480

Ion Ratio Lower Upper

93 100

66 38.2 30.4 45.6

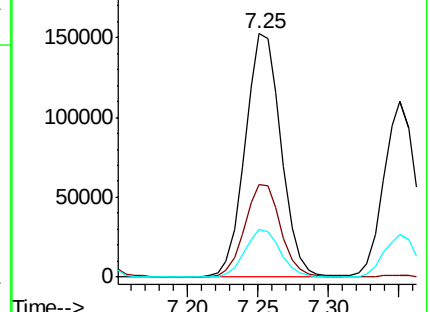
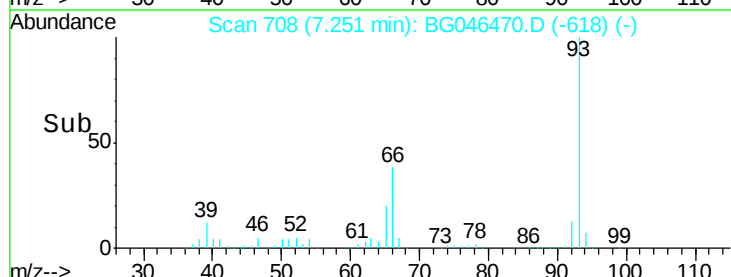
65 19.8 15.8 23.6



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: 74.991 ng

RT: 7.10 min Scan# 683

Delta R.T. 0.00 min

Lab File: BG046470.D

Acq: 31 Aug 2020 15:08

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

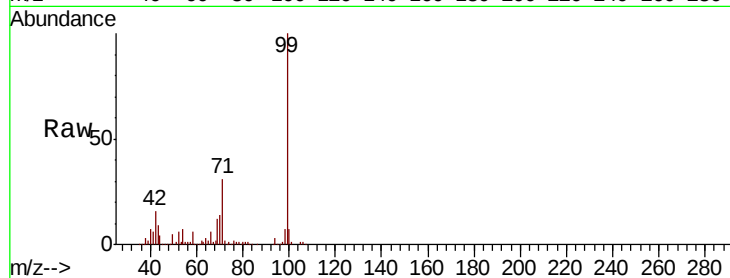
Tot Ion: 99 Resp: 483975

Ion Ratio Lower Upper

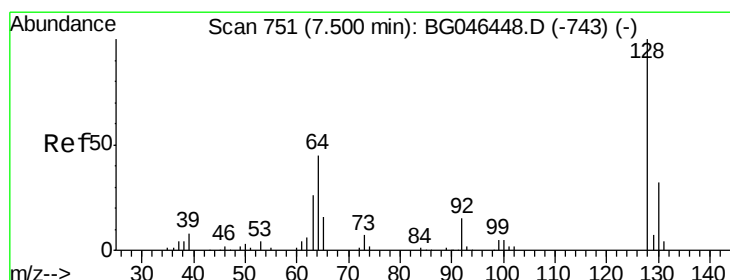
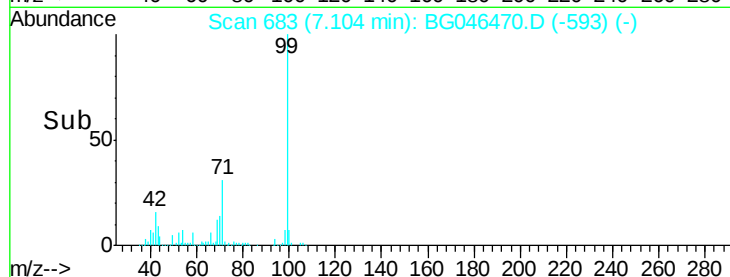
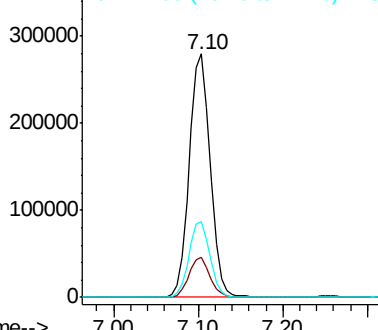
99 100

42 16.4 13.3 19.9

71 31.2 25.3 37.9



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 36.713 ng

RT: 7.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BG046470.D

Acq: 31 Aug 2020 15:08

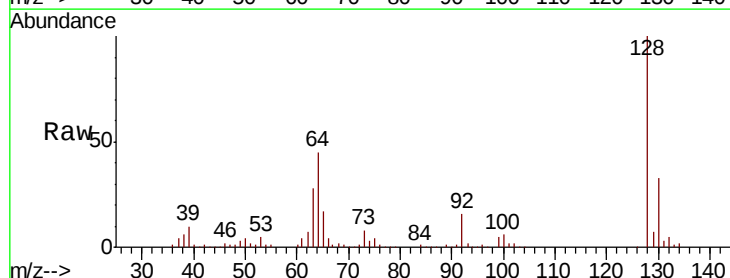
Tgt Ion: 128 Resp: 176654

Ion Ratio Lower Upper

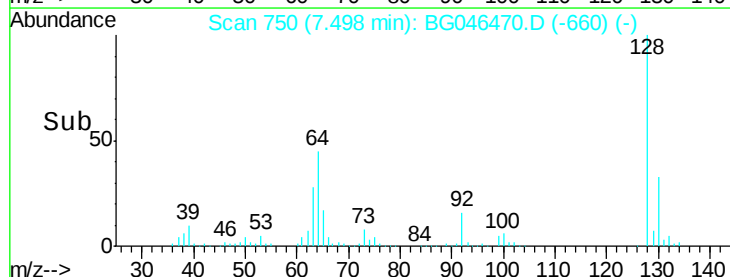
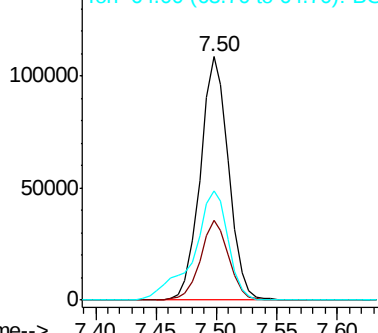
128 100

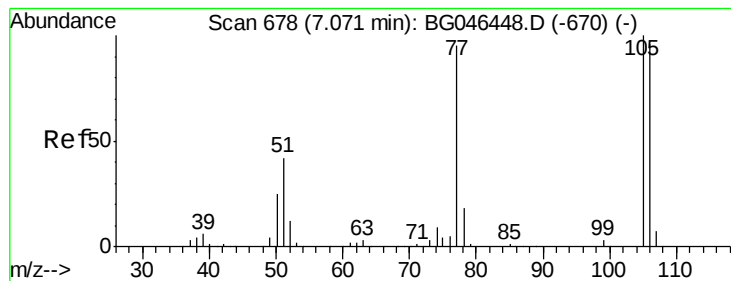
130 32.6 12.4 52.4

64 44.8 28.1 68.1



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





#9

Benzaldehyde

Concen: 38.439 ng

RT: 7.06 min Scan# 676

Delta R.T. 0.00 min

Lab File: BG046470.D

Acq: 31 Aug 2020 15:08

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

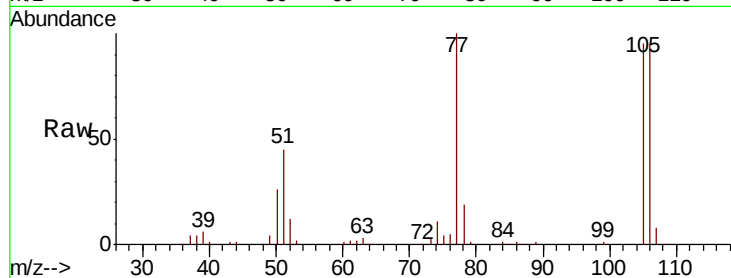
Tot Ion: 77 Resp: 138989

Ion Ratio Lower Upper

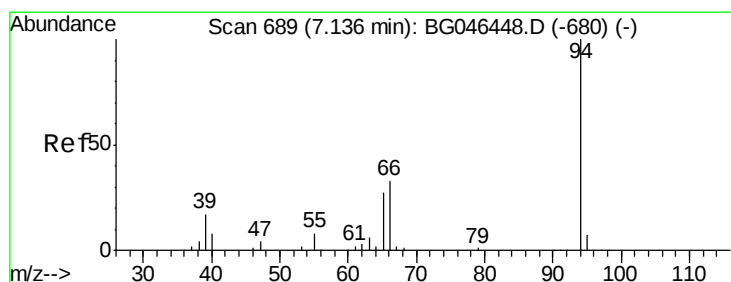
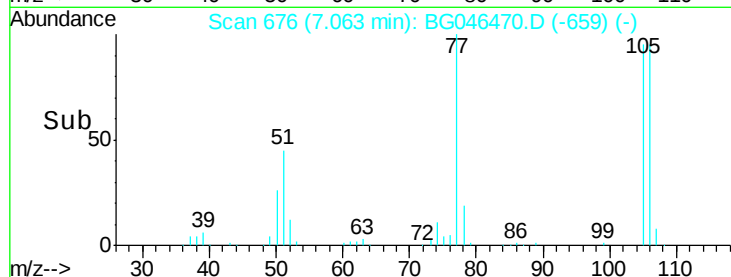
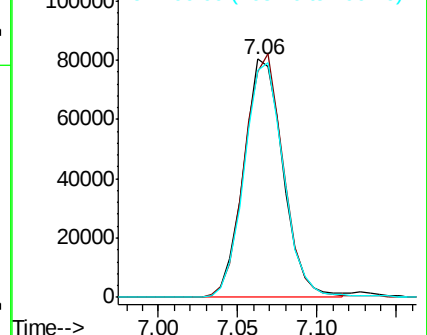
77 100

105 94.7 85.6 125.6

106 95.4 80.8 120.8



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: 37.690 ng

RT: 7.13 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG046470.D

Acq: 31 Aug 2020 15:08

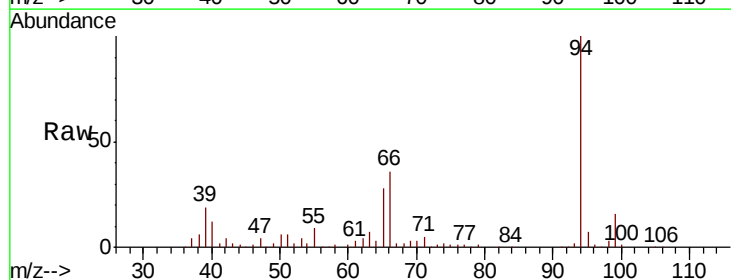
Tgt Ion: 94 Resp: 224039

Ion Ratio Lower Upper

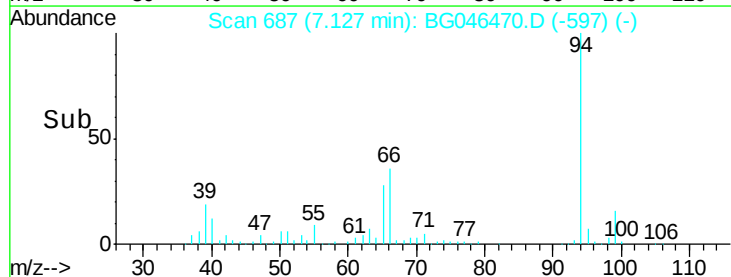
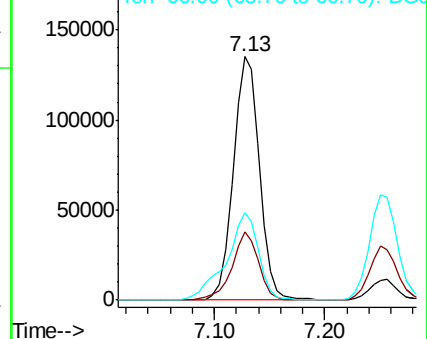
94 100

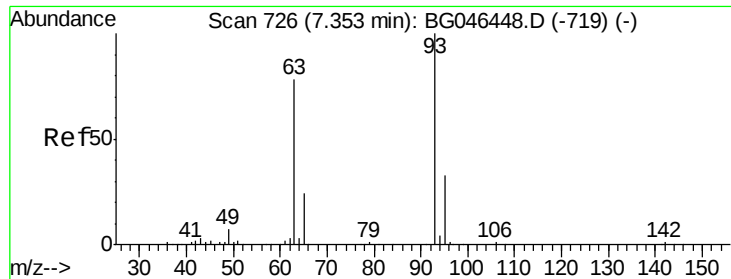
65 27.9 7.5 47.5

66 35.7 14.1 54.1



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

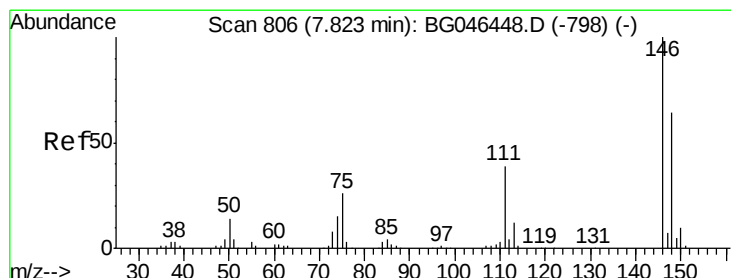
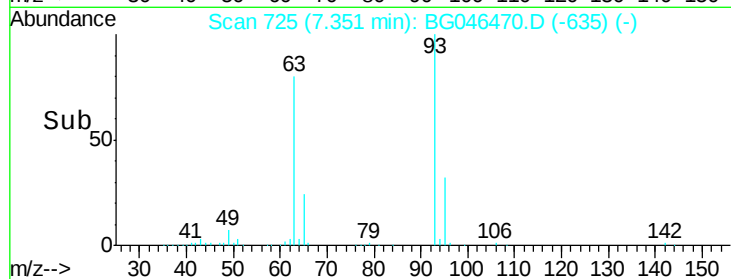
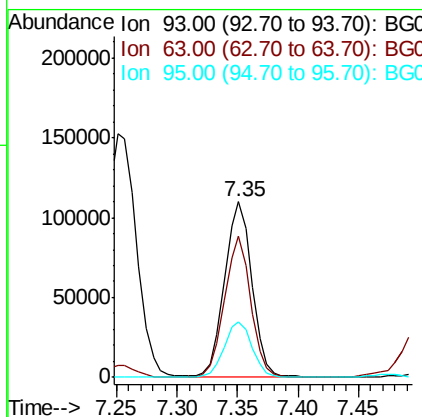
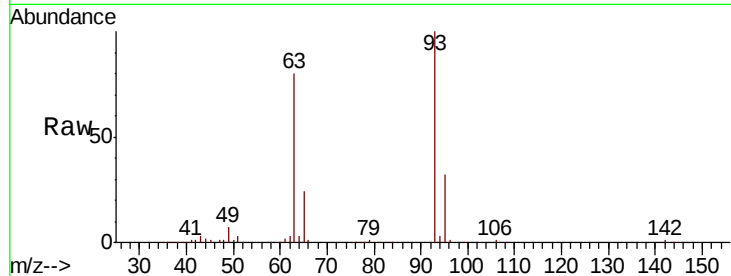




#11
bis(2-Chloroethyl)ether
Concen: 36.464 ng
RT: 7.35 min Scan# 725
Delta R.T. 0.00 min
Lab File: BG046470.D
Acq: 31 Aug 2020 15:08

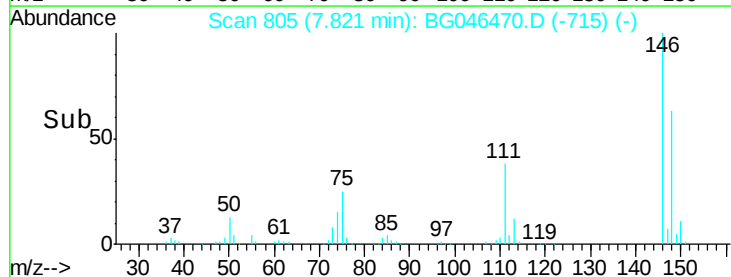
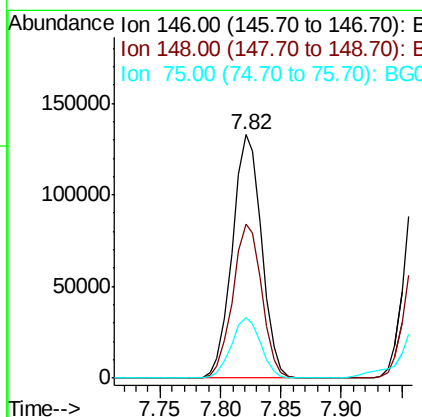
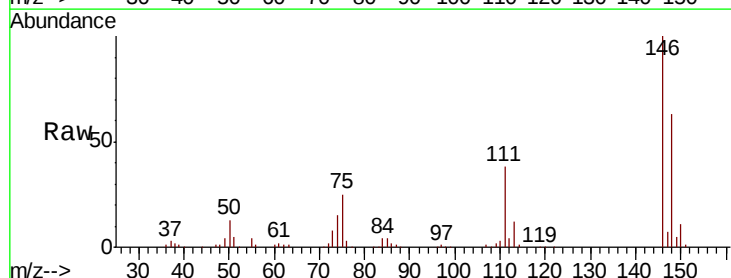
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

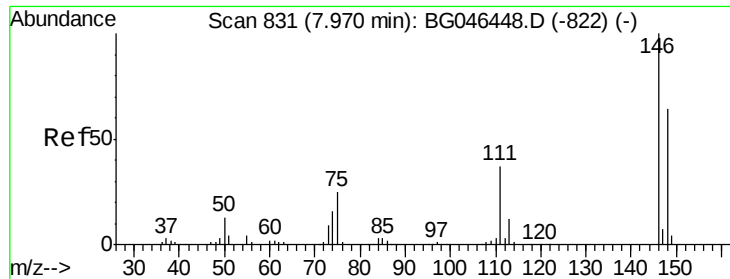
Tot Ion:	93	Resp:	174227
Ion	Ratio	Lower	Upper
93	100		
63	80.2	57.7	97.7
95	31.9	12.3	52.3



#12
1,3-Dichlorobenzene
Concen: 36.678 ng
RT: 7.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BG046470.D
Acq: 31 Aug 2020 15:08

Tgt Ion:	146	Resp:	224065
Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.4	77.0
75	25.1	20.7	31.1

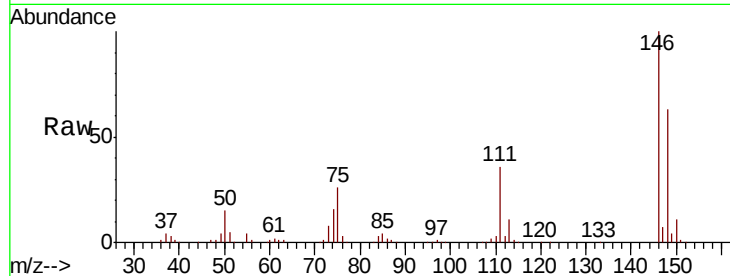




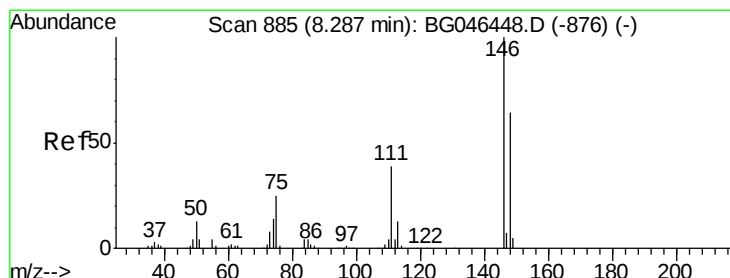
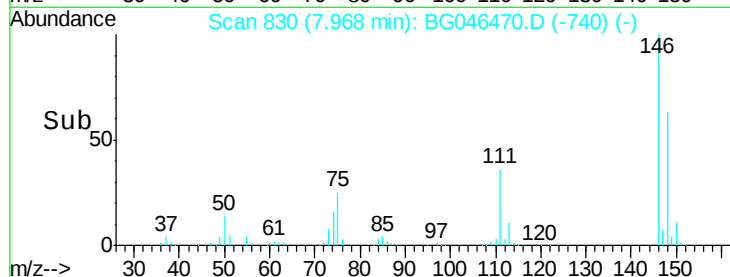
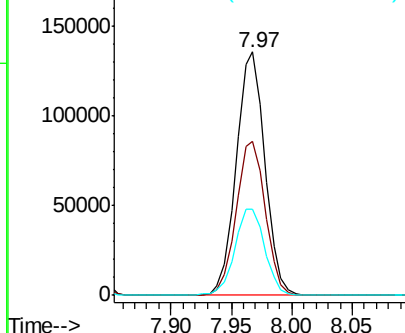
#13
 1,4-Dichlorobenzene
 Concen: 36.686 ng
 RT: 7.97 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BG046470.D
 Acq: 31 Aug 2020 15:08

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:146 Resp: 224366
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.9 76.3
 111 35.6 29.8 44.6

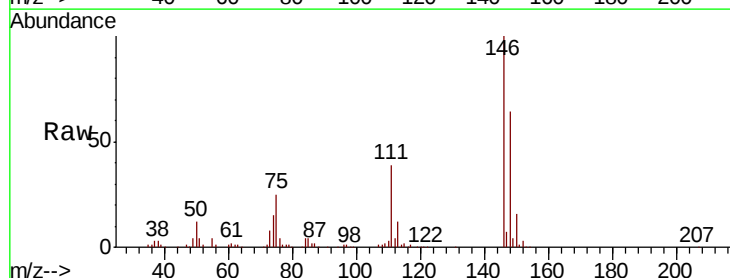


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

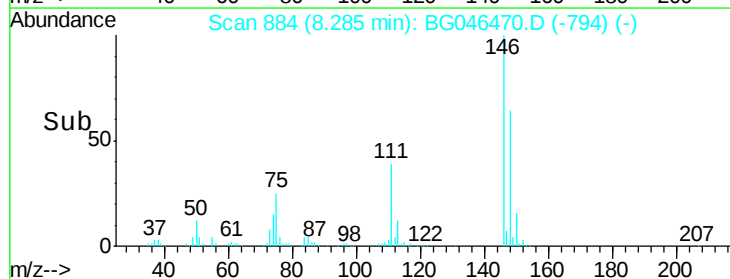
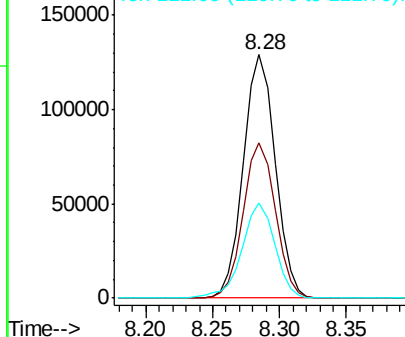


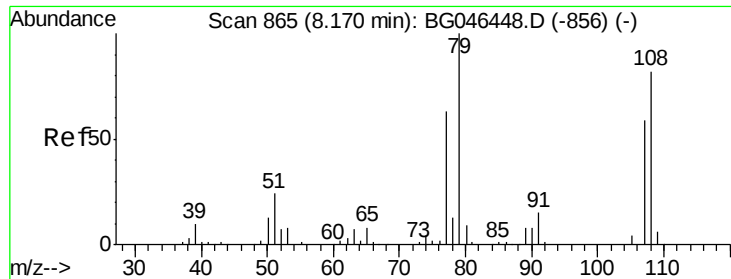
#14
 1,2-Dichlorobenzene
 Concen: 36.384 ng
 RT: 8.28 min Scan# 884
 Delta R.T. 0.00 min
 Lab File: BG046470.D
 Acq: 31 Aug 2020 15:08

Tgt Ion:146 Resp: 213364
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.4 77.0
 111 39.1 31.4 47.2



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





#15

Benzyl Alcohol

Concen: 38.066 ng

RT: 8.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: BG046470.D

Acq: 31 Aug 2020 15:08

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

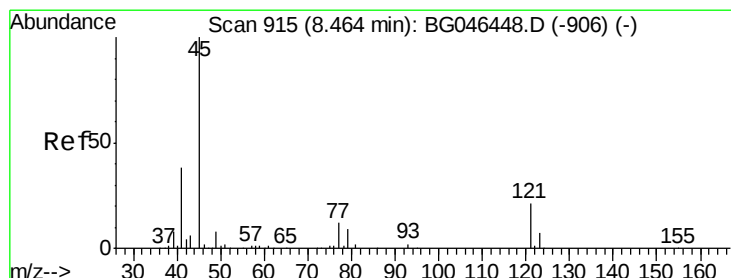
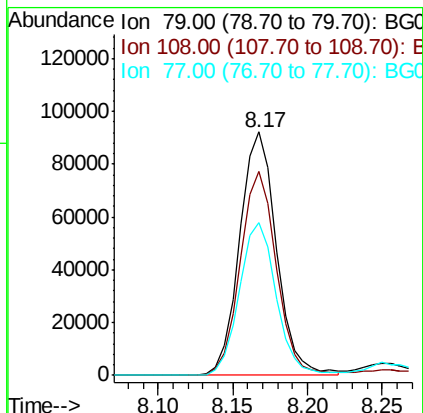
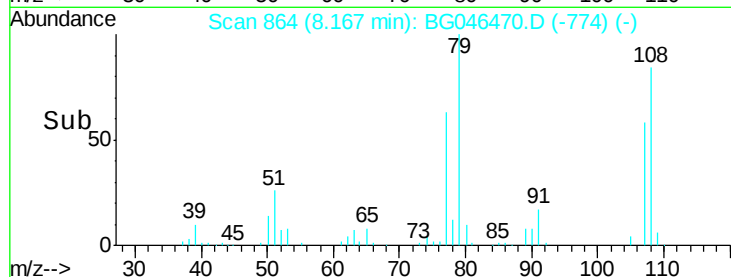
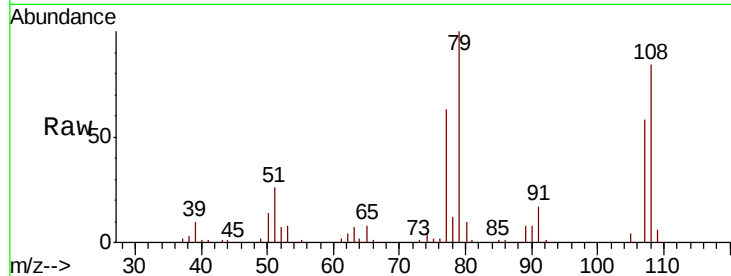
Tot Ion: 79 Resp: 157726

Ion Ratio Lower Upper

79 100

108 84.0 65.7 98.5

77 62.8 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.626 ng

RT: 8.46 min Scan# 914

Delta R.T. 0.00 min

Lab File: BG046470.D

Acq: 31 Aug 2020 15:08

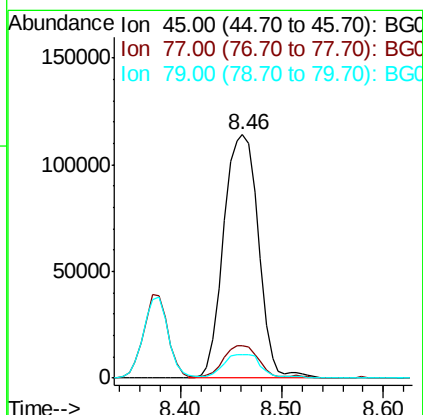
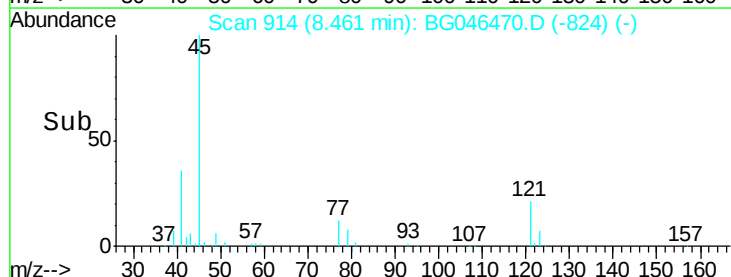
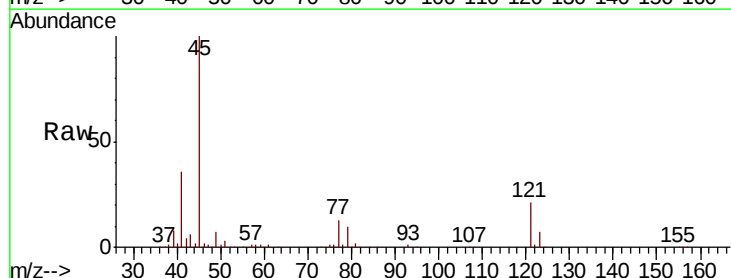
Tgt Ion: 45 Resp: 271446

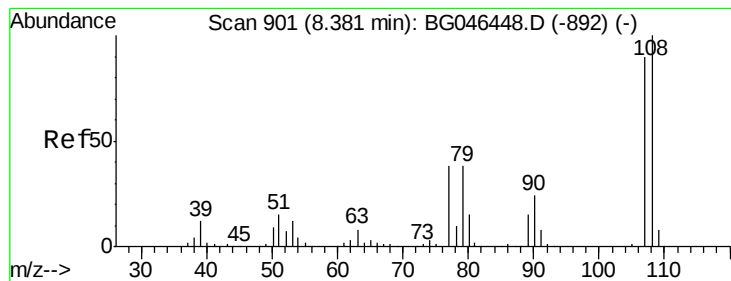
Ion Ratio Lower Upper

45 100

77 13.4 0.0 33.2

79 9.7 0.0 30.3





#17

2-Methylphenol

Concen: 37.714 ng

RT: 8.37 min Scan# 899

Delta R.T. 0.00 min

Lab File: BG046470.D

Acq: 31 Aug 2020 15:08

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 158989

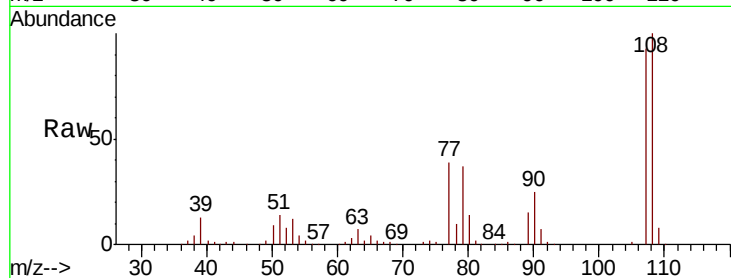
Ion Ratio Lower Upper

107 100

108 107.1 89.4 134.0

77 41.7 34.5 51.7

79 39.2 33.8 50.6

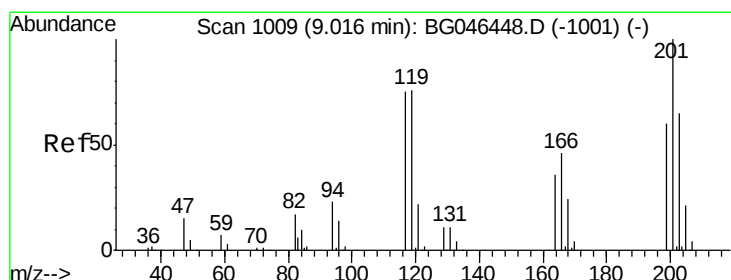
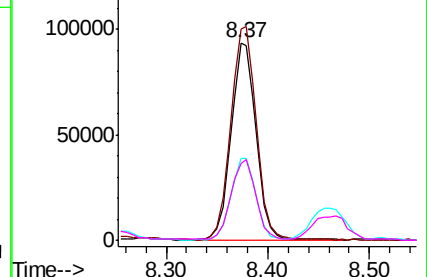
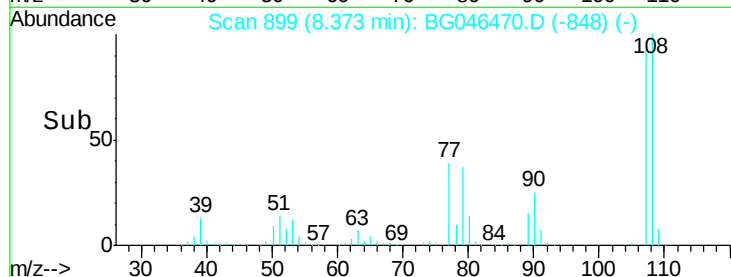


Abundance Ion 107.00 (106.70 to 107.70): E

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: 36.195 ng

RT: 9.01 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BG046470.D

Acq: 31 Aug 2020 15:08

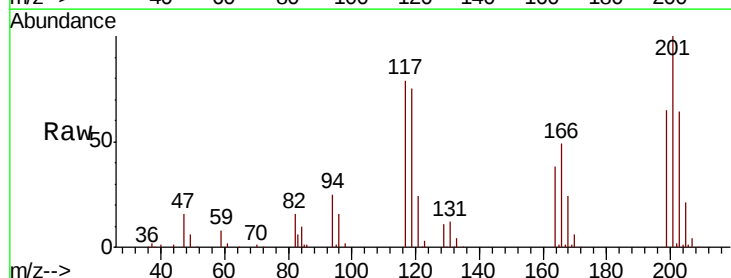
Tgt Ion:117 Resp: 75057

Ion Ratio Lower Upper

117 100

119 96.0 80.8 121.2

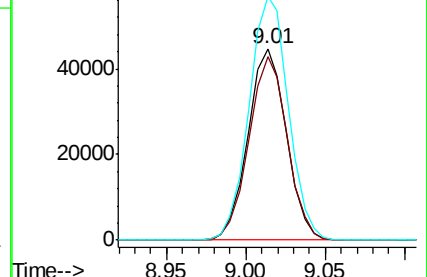
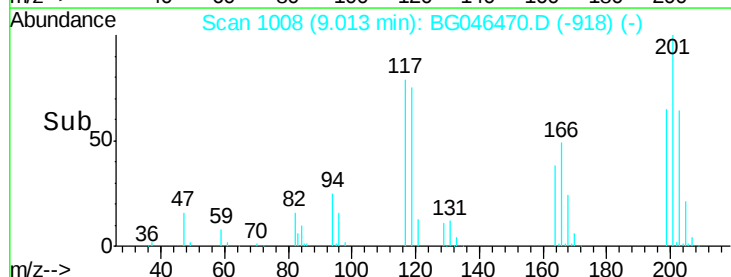
201 127.3 106.7 160.1

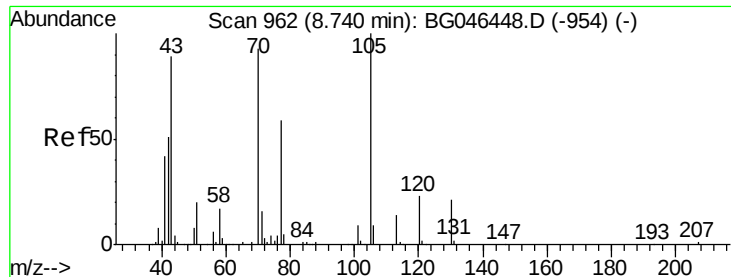


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

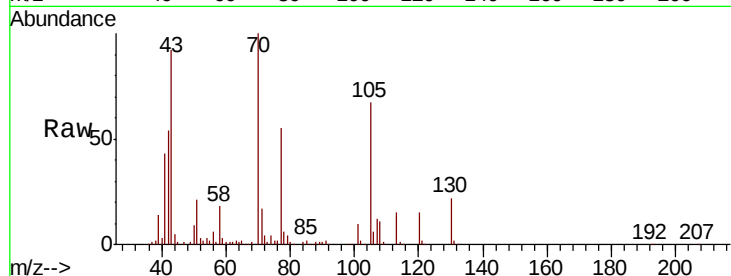




#19
n-Nitroso-di-n-propylamine
Concen: 37.452 ng
RT: 8.73 min Scan# 960
Delta R.T. 0.00 min
Lab File: BG046470.D
Acq: 31 Aug 2020 15:08

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	70	Resp:	144580
Ion	Ratio	Lower	Upper
70	100		
42	53.9	44.2	66.2
101	9.8	7.8	11.8
130	22.3	18.2	27.4



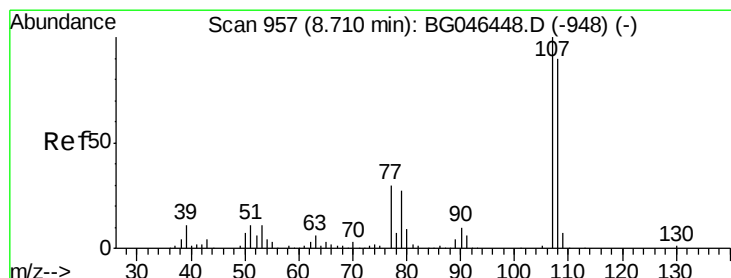
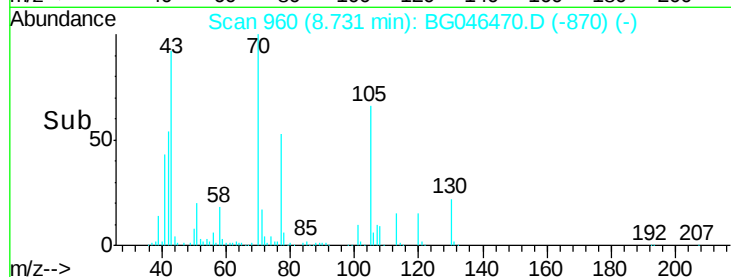
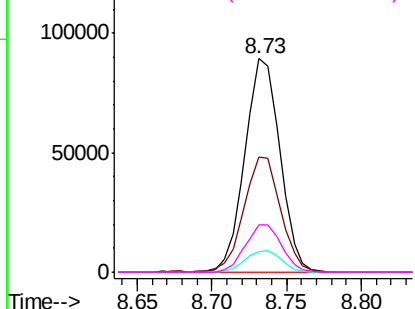
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

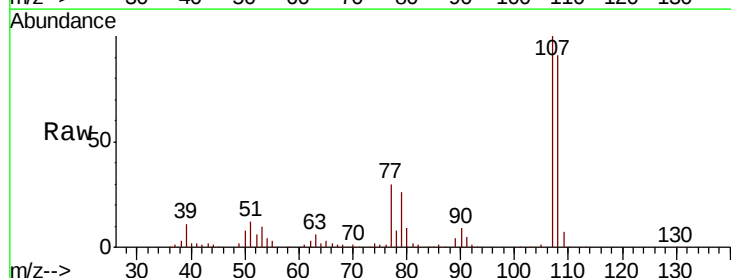
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 38.115 ng
RT: 8.70 min Scan# 955
Delta R.T. 0.00 min
Lab File: BG046470.D
Acq: 31 Aug 2020 15:08

Tgt Ion:	107	Resp:	221781
Ion	Ratio	Lower	Upper
107	100		
108	91.0	69.7	109.7
77	29.7	9.7	49.7
79	26.4	6.9	46.9



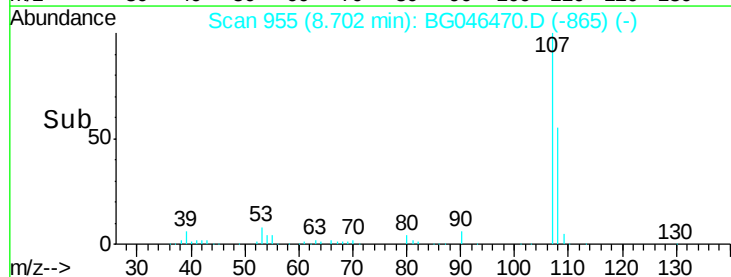
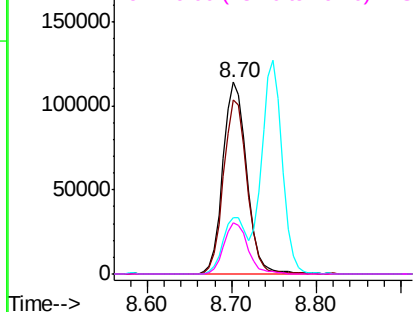
Abundance

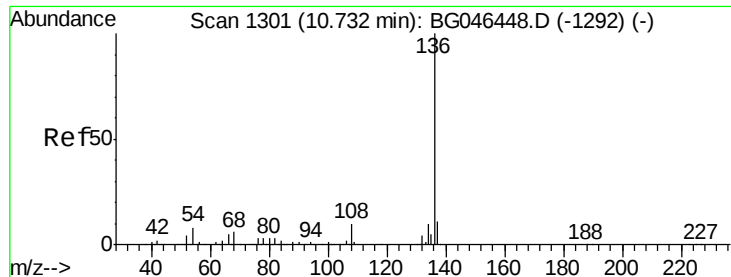
Ion 107.00 (106.70 to 107.70): BGC

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: 10.73 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BG046470.D

Acq: 31 Aug 2020 15:08

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 327120

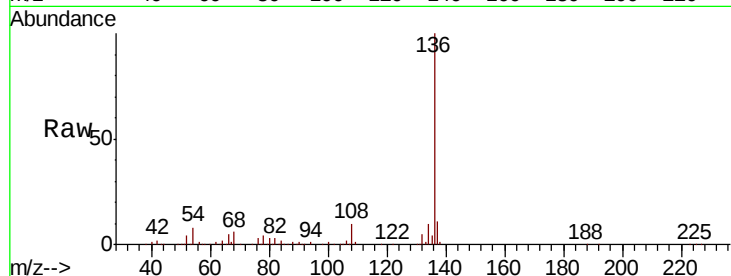
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 7.9 6.1 9.1

68 5.7 4.8 7.2

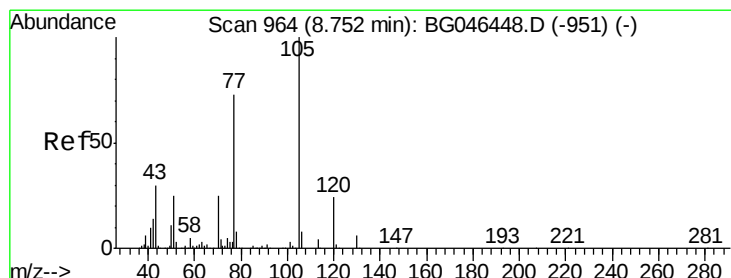
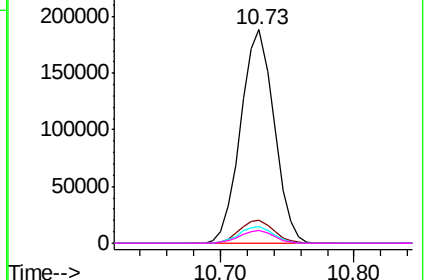
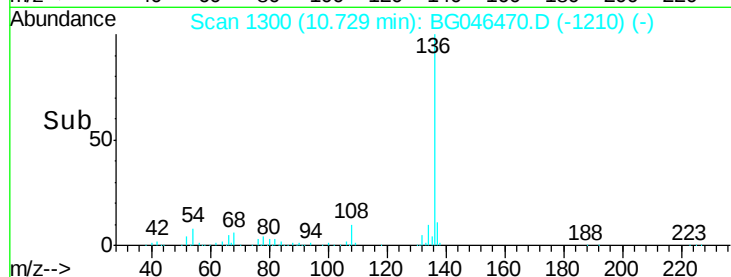


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.595 ng

RT: 8.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BG046470.D

Acq: 31 Aug 2020 15:08

Tgt Ion:105 Resp: 291397

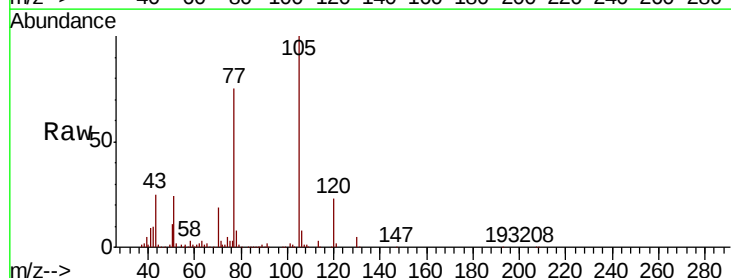
Ion Ratio Lower Upper

105 100

71 3.2 3.3 4.9#

51 24.3 20.6 31.0

120 23.2 19.0 28.6

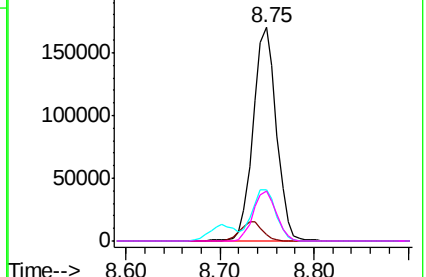
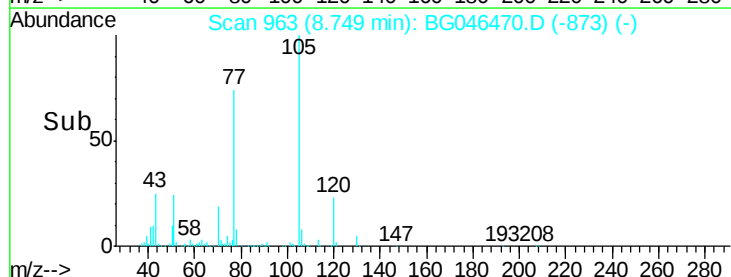


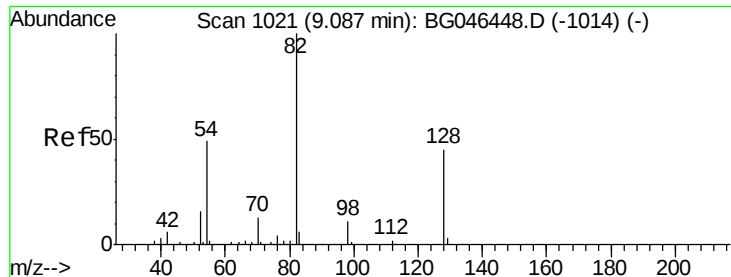
Abundance Ion 105.00 (104.70 to 105.70): E

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

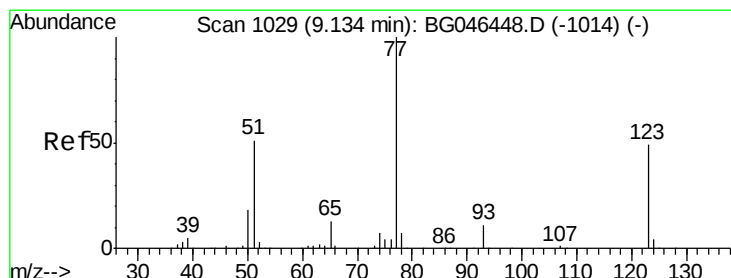
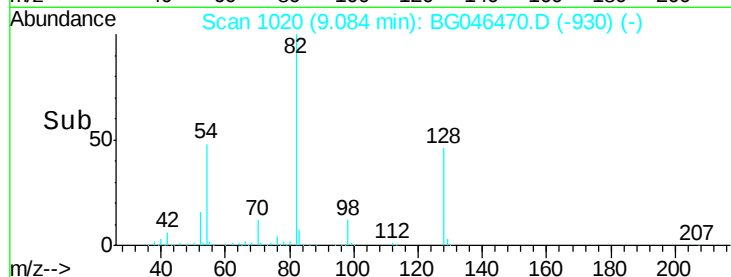
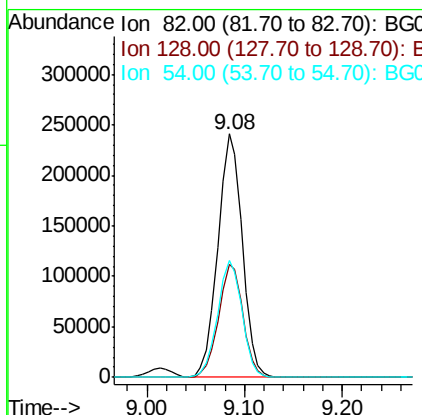
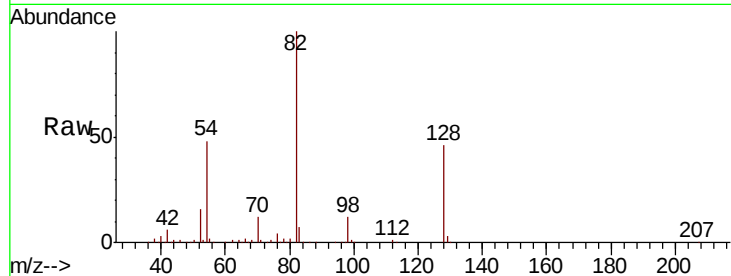




#23
 Nitrobenzene-d5
 Concen: 72.962 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: BG046470.D
 Acq: 31 Aug 2020 15:08

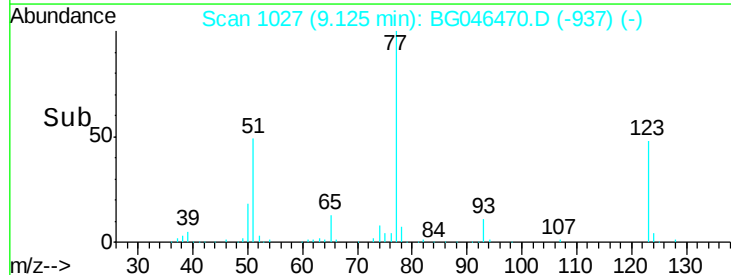
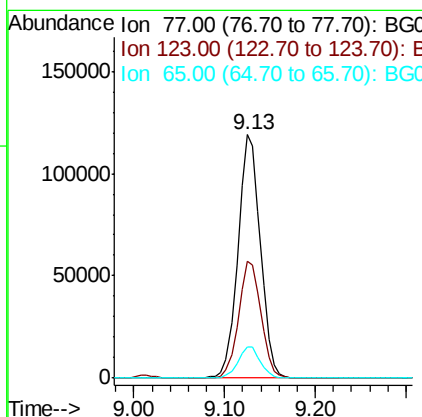
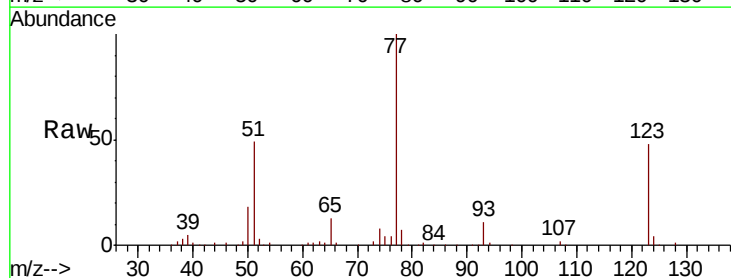
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

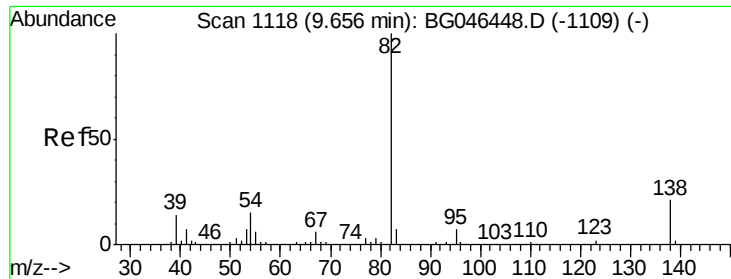
Tot Ion	82	Resp	417589
Ion Ratio	Lower	Upper	
82	100		
128	46.3	35.7	53.5
54	47.9	39.4	59.0



#24
 Nitrobenzene
 Concen: 36.273 ng
 RT: 9.13 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BG046470.D
 Acq: 31 Aug 2020 15:08

Tgt Ion	77	Resp	205100
Ion Ratio	Lower	Upper	
77	100		
123	48.1	39.6	59.4
65	13.0	10.1	15.1





#25

Isophorone

Concen: 37.465 ng

RT: 9.65 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BG046470.D

Acq: 31 Aug 2020 15:08

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

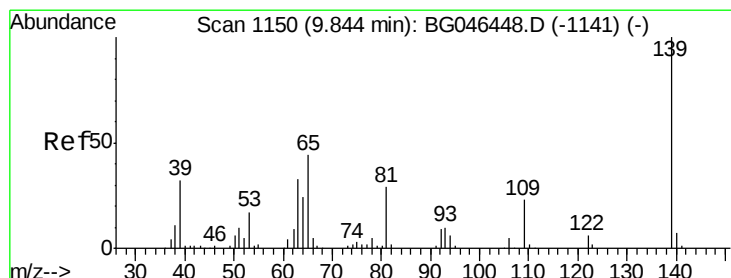
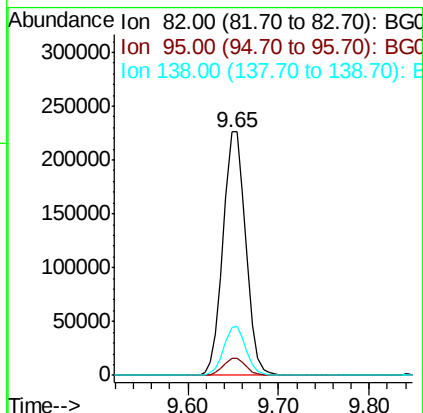
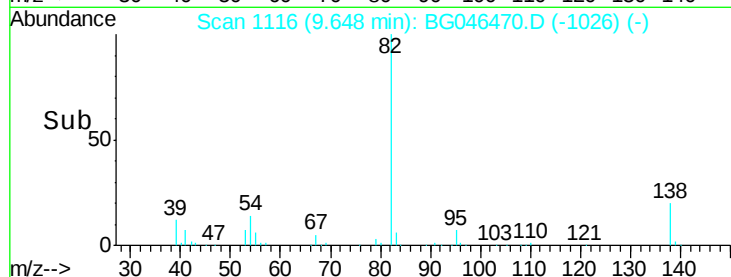
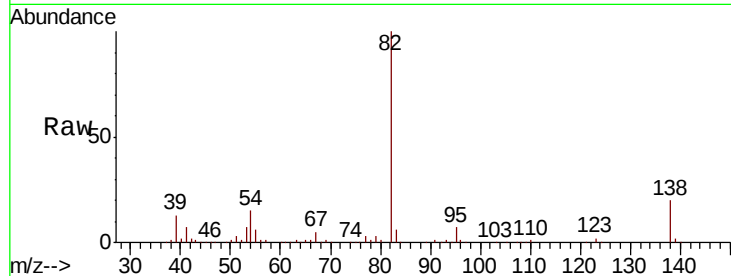
Tot Ion: 82 Resp: 393122

Ion Ratio Lower Upper

82 100

95 6.9 5.8 8.6

138 19.9 16.4 24.6



#26

2-Nitrophenol

Concen: 36.095 ng

RT: 9.84 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BG046470.D

Acq: 31 Aug 2020 15:08

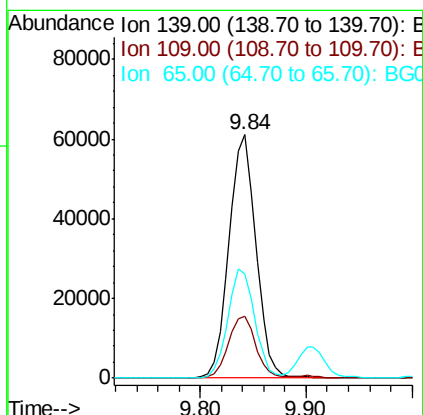
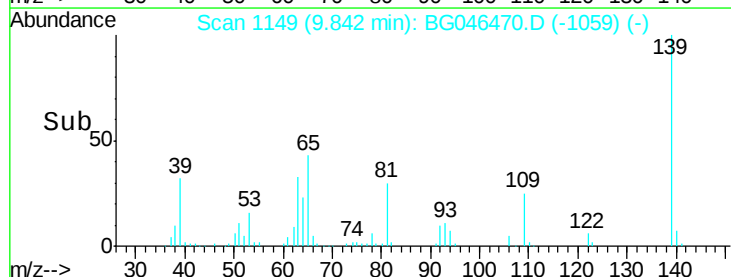
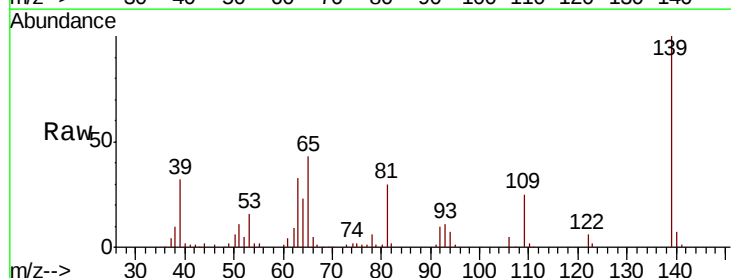
Tgt Ion: 139 Resp: 107683

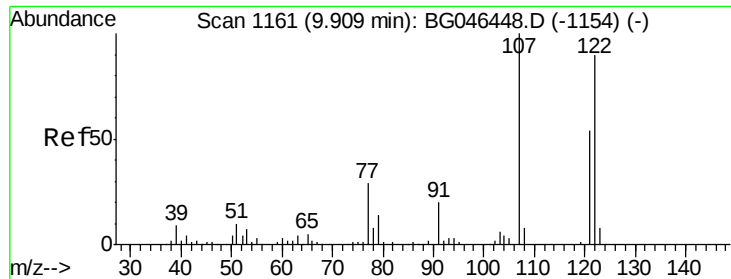
Ion Ratio Lower Upper

139 100

109 25.2 18.8 28.2

65 42.5 35.0 52.6

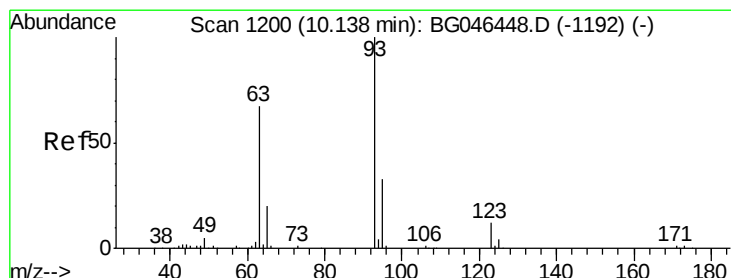
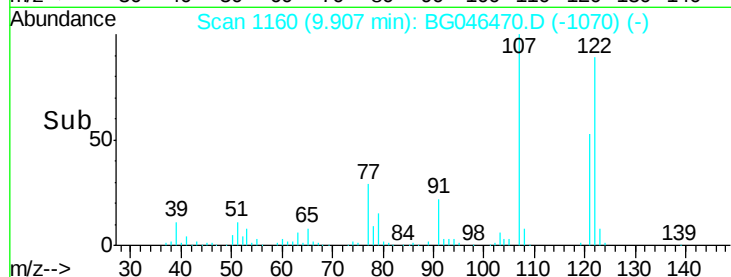
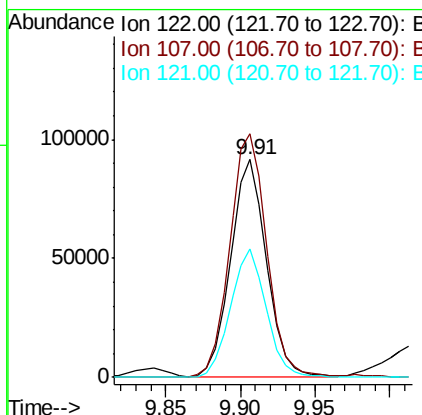
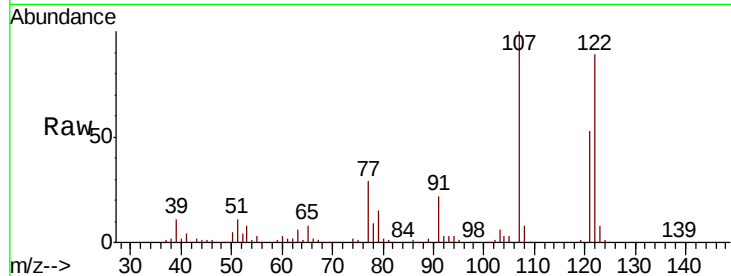




#27
2,4-Dimethylphenol
Concen: 37.200 ng
RT: 9.91 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BG046470.D
Acq: 31 Aug 2020 15:08

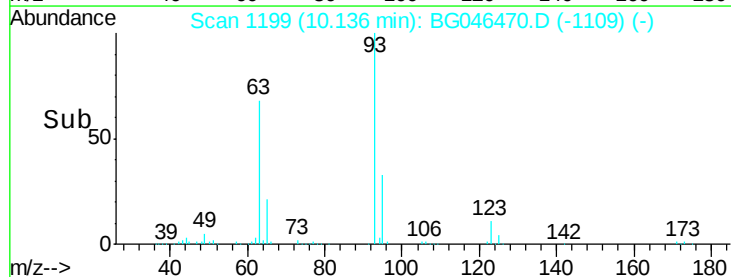
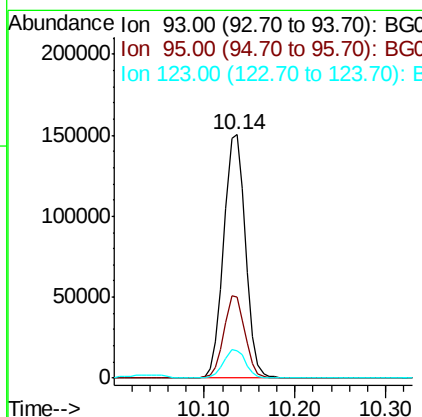
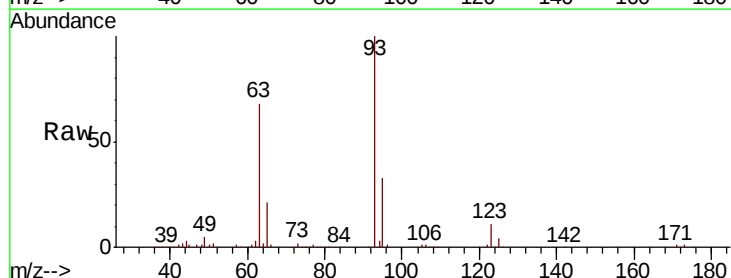
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

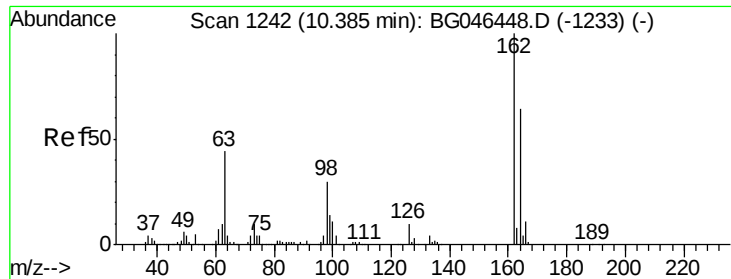
Tot Ion:122 Resp: 152637
Ion Ratio Lower Upper
122 100
107 111.8 88.2 132.2
121 58.9 47.4 71.0



#28
bis(2-Chloroethoxy)methane
Concen: 37.150 ng
RT: 10.14 min Scan# 1199
Delta R.T. 0.00 min
Lab File: BG046470.D
Acq: 31 Aug 2020 15:08

Tgt Ion: 93 Resp: 250906
Ion Ratio Lower Upper
93 100
95 33.5 26.1 39.1
123 11.4 9.5 14.3

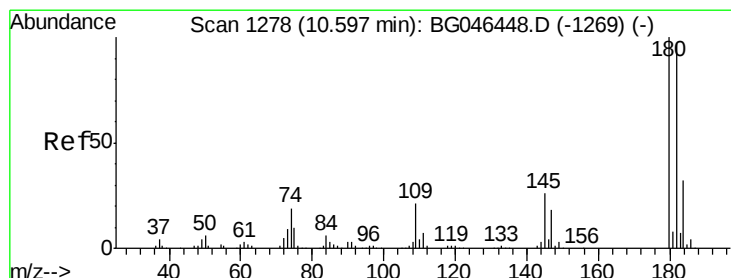
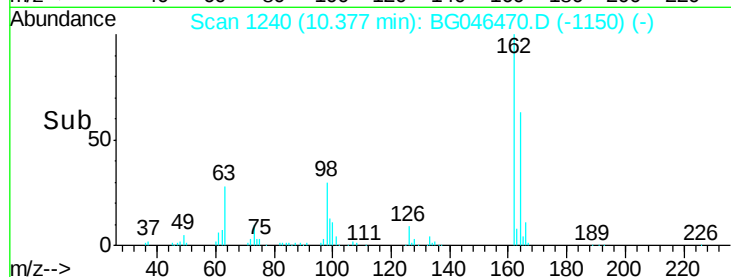
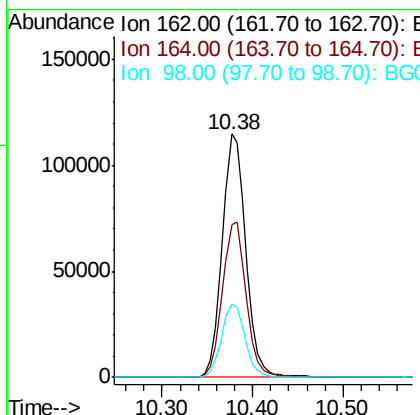
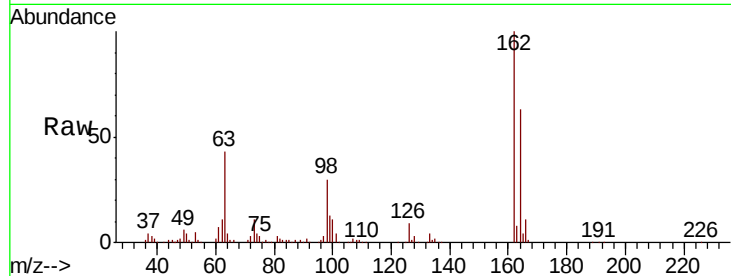




#29
 2,4-Dichlorophenol
 Concen: 37.822 ng
 RT: 10.38 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: BG046470.D
 Acq: 31 Aug 2020 15:08

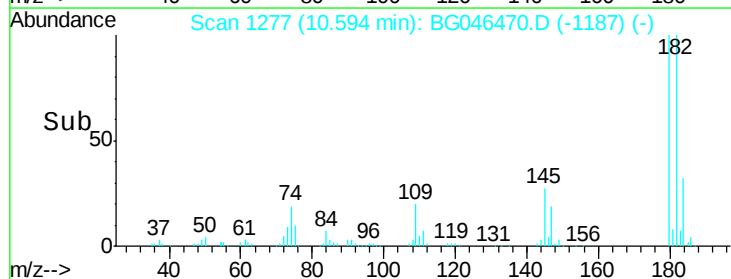
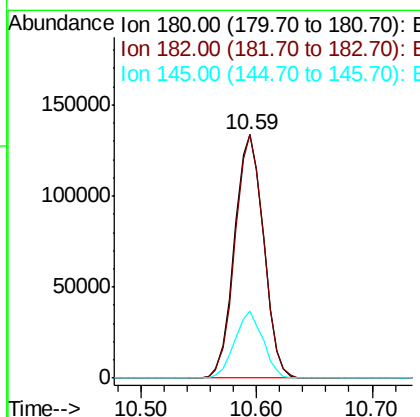
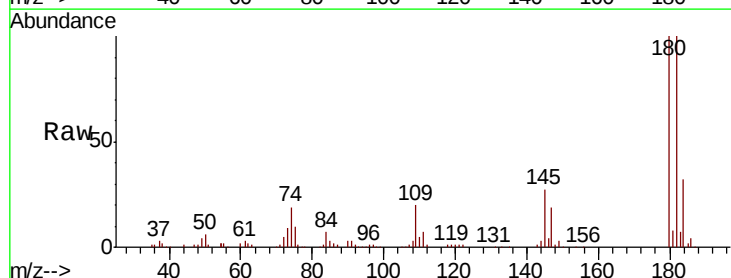
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

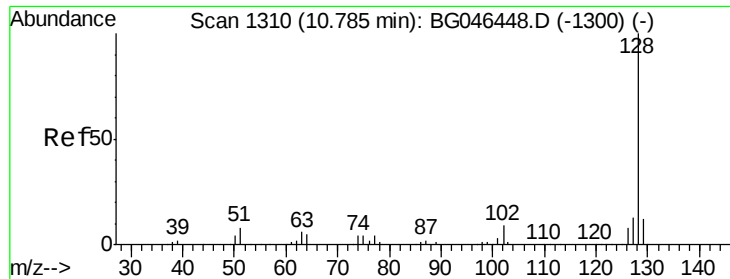
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.9	44.3	84.3
98	30.1	10.0	50.0



#30
 1,2,4-Trichlorobenzene
 Concen: 35.822 ng
 RT: 10.59 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: BG046470.D
 Acq: 31 Aug 2020 15:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.2	77.8	116.8
145	27.5	20.9	31.3

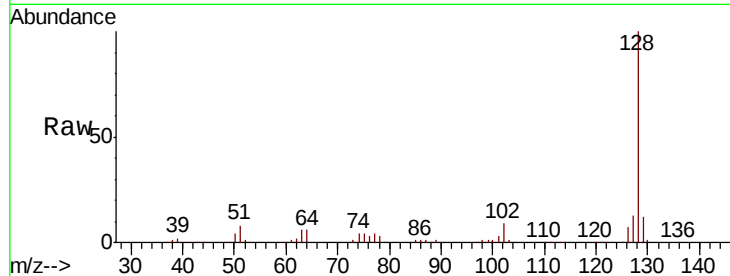




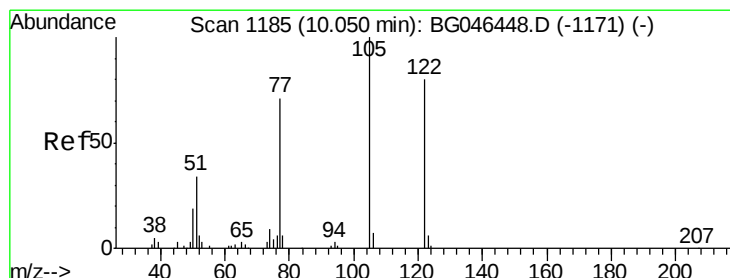
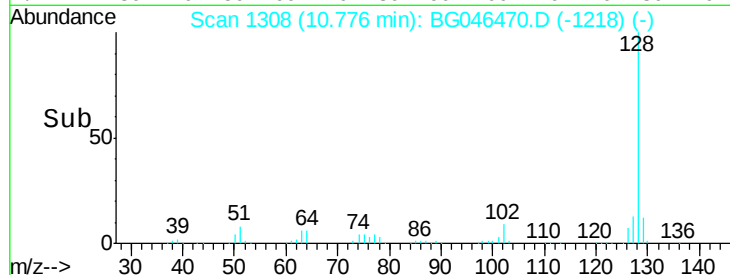
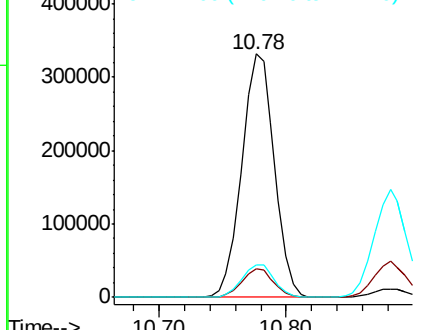
#31
Naphthalene
Concen: 36.891 ng
RT: 10.78 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BG046470.D
Acq: 31 Aug 2020 15:08

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 589219
Ion Ratio Lower Upper
128 100
129 11.7 9.2 13.8
127 13.2 10.7 16.1

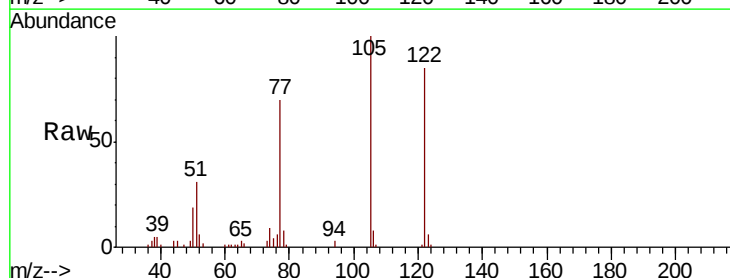


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

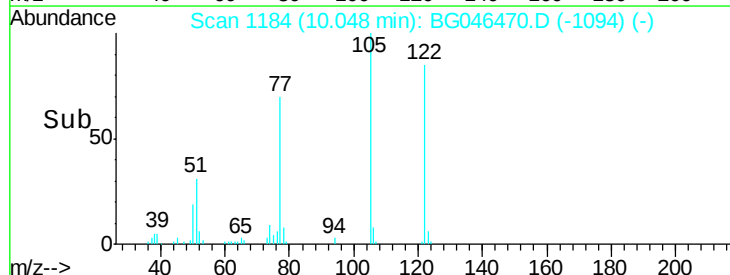
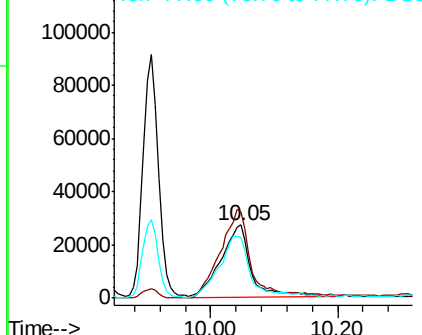


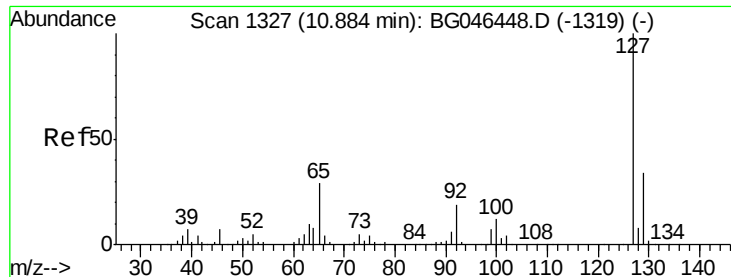
#32
Benzoic acid
Concen: 32.755 ng
RT: 10.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BG046470.D
Acq: 31 Aug 2020 15:08

Tgt Ion:122 Resp: 87135
Ion Ratio Lower Upper
122 100
105 118.1 102.5 142.5
77 82.4 68.2 108.2



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

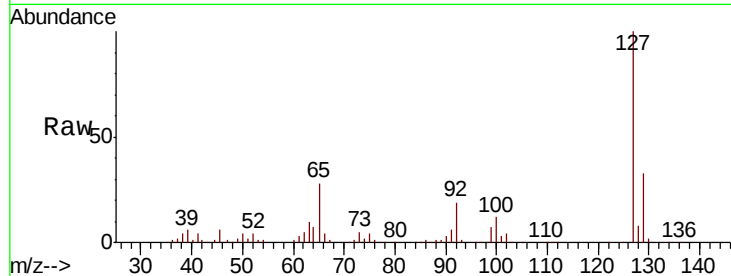




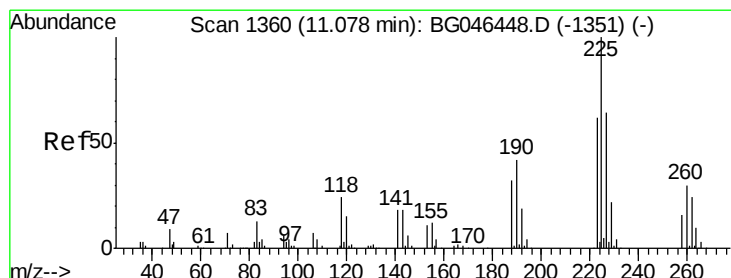
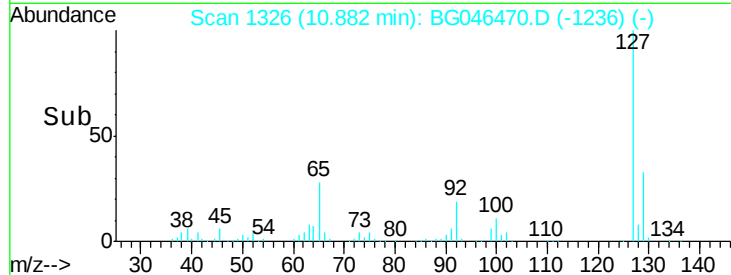
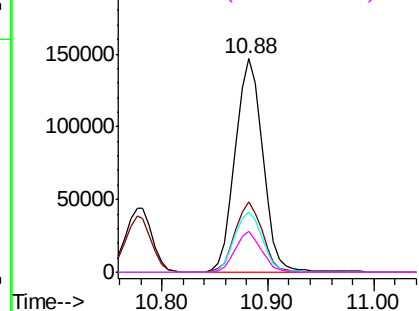
#33
4-Chloroaniline
Concen: 37.764 ng
RT: 10.88 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BG046470.D
Acq: 31 Aug 2020 15:08

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	265970
Ion	Ratio	Lower	Upper
127	100		
129	33.1	27.0	40.4
65	28.3	23.5	35.3
92	19.0	14.9	22.3

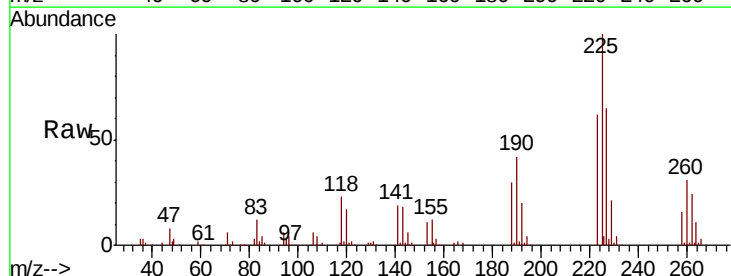


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

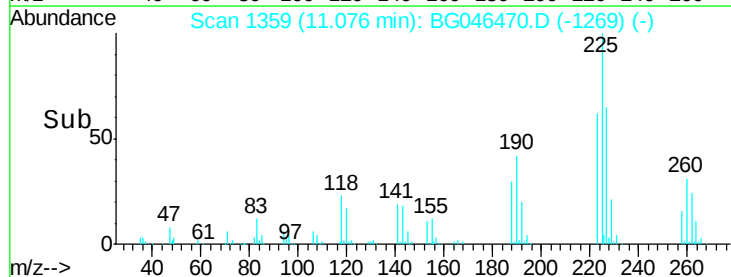
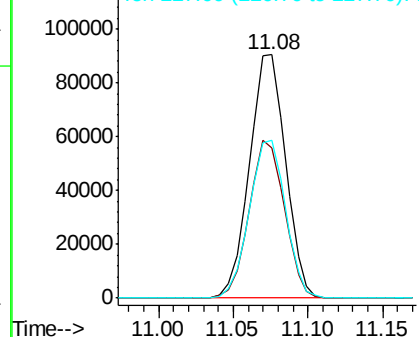


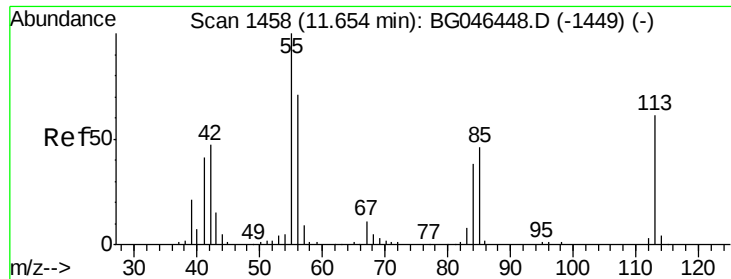
#34
Hexachlorobutadiene
Concen: 35.931 ng
RT: 11.08 min Scan# 1359
Delta R.T. 0.00 min
Lab File: BG046470.D
Acq: 31 Aug 2020 15:08

Tgt Ion:	225	Resp:	151380
Ion	Ratio	Lower	Upper
225	100		
223	61.8	49.9	74.9
227	64.8	51.6	77.4



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: 38.190 ng

RT: 11.65 min Scan# 1457

Delta R.T. 0.00 min

Lab File: BG046470.D

Acq: 31 Aug 2020 15:08

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

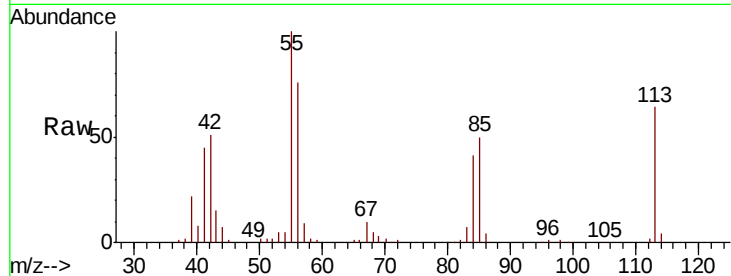
Tot Ion:113 Resp: 78086

Ion Ratio Lower Upper

113 100

55 157.1 144.2 184.2

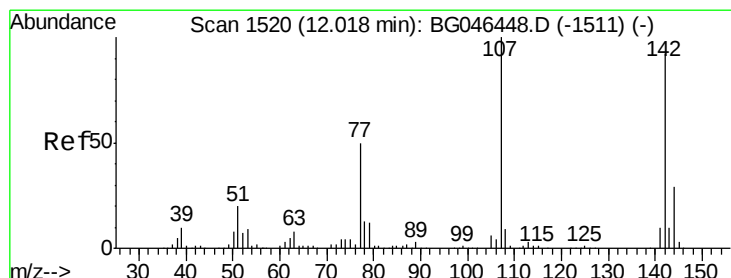
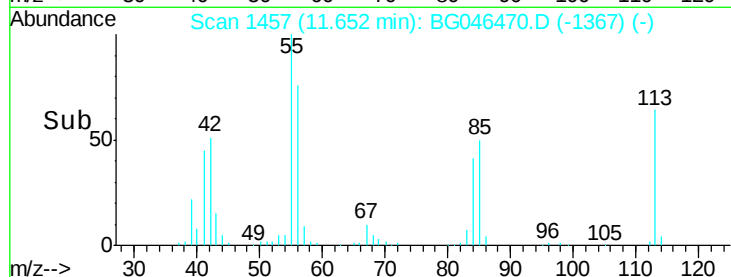
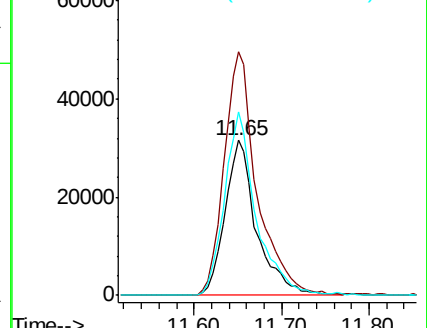
56 118.7 97.0 137.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 38.964 ng

RT: 12.02 min Scan# 1519

Delta R.T. 0.00 min

Lab File: BG046470.D

Acq: 31 Aug 2020 15:08

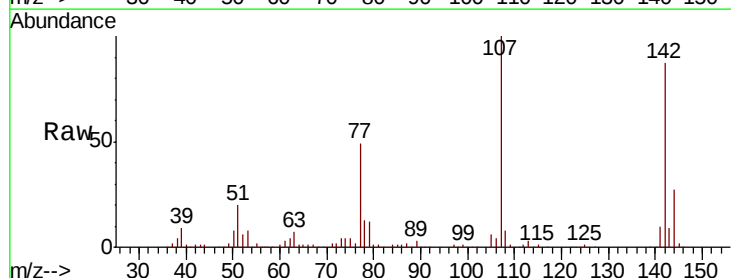
Tgt Ion:107 Resp: 208453

Ion Ratio Lower Upper

107 100

144 27.5 23.3 34.9

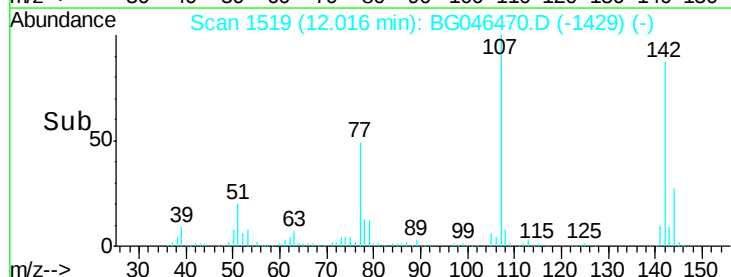
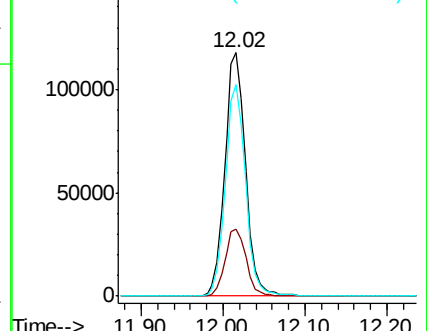
142 86.9 73.7 110.5

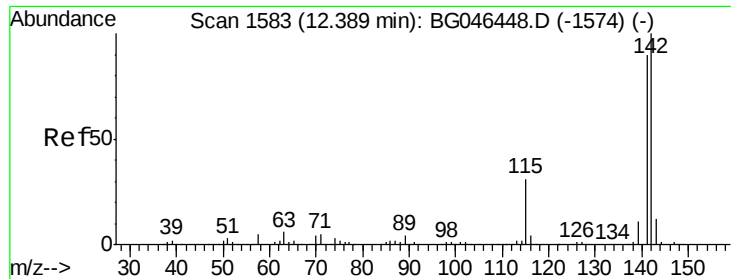


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

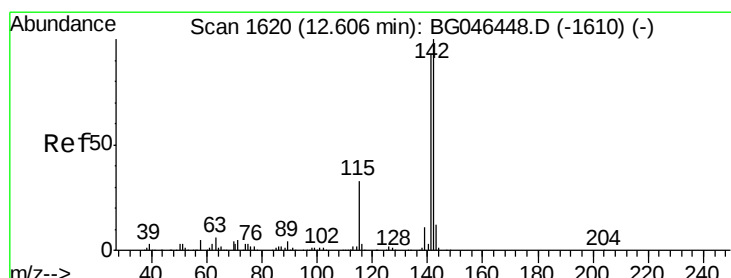
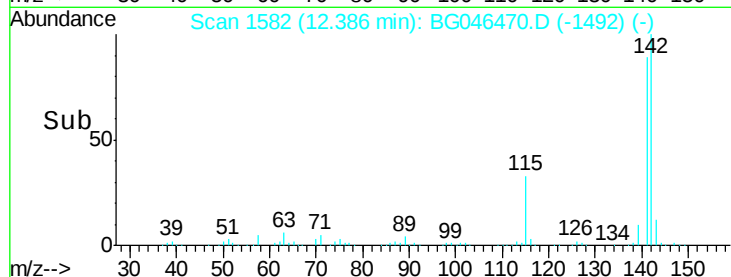
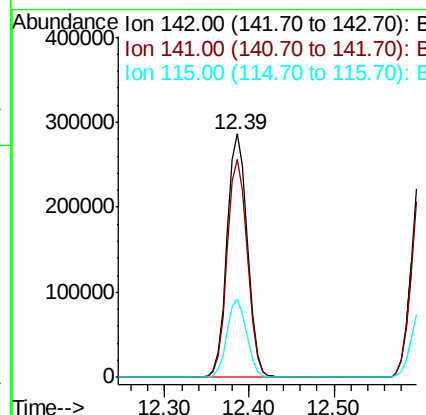
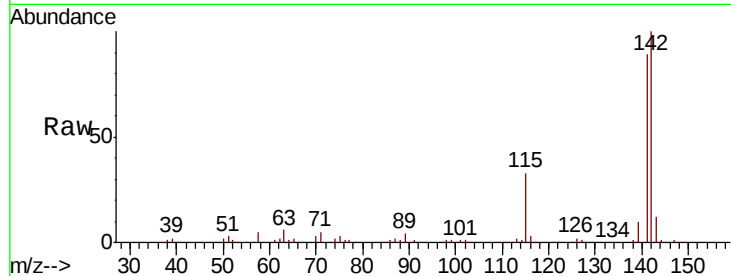




#37
 2-Methylnaphthalene
 Concen: 37.761 ng
 RT: 12.39 min Scan# 1582
 Delta R.T. 0.00 min
 Lab File: BG046470.D
 Acq: 31 Aug 2020 15:08

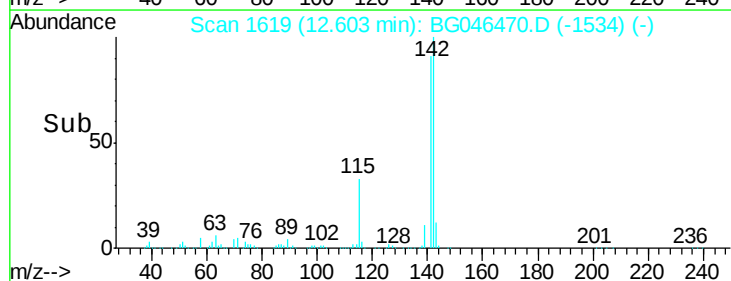
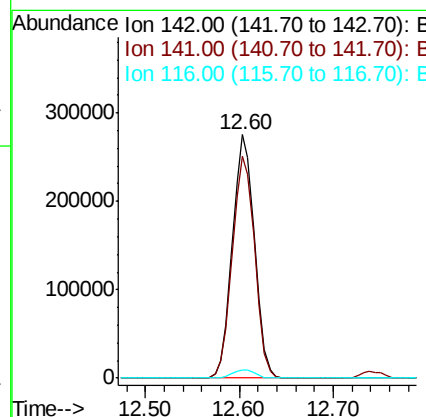
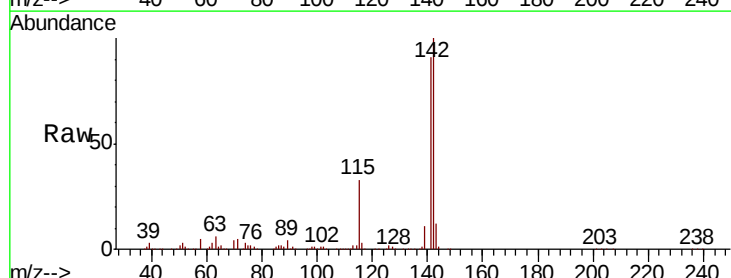
Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

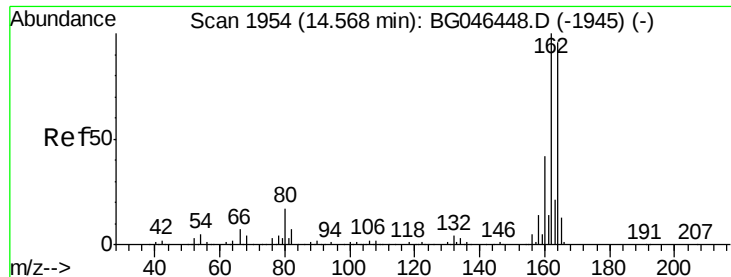
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	72.1	108.1
115	32.5	24.9	37.3



#38
 1-Methylnaphthalene
 Concen: 37.501 ng
 RT: 12.60 min Scan# 1619
 Delta R.T. 0.00 min
 Lab File: BG046470.D
 Acq: 31 Aug 2020 15:08

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	74.7	112.1
116	3.2	2.6	4.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1952

Delta R.T. 0.00 min

Lab File: BG046470.D

Acq: 31 Aug 2020 15:08

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

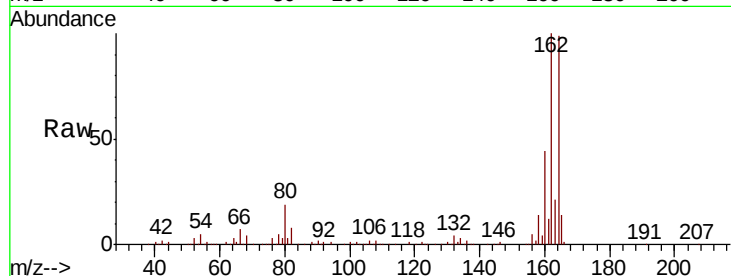
Tot Ion:164 Resp: 240002

Ion Ratio Lower Upper

164 100

162 100.7 83.3 124.9

160 44.6 35.0 52.6

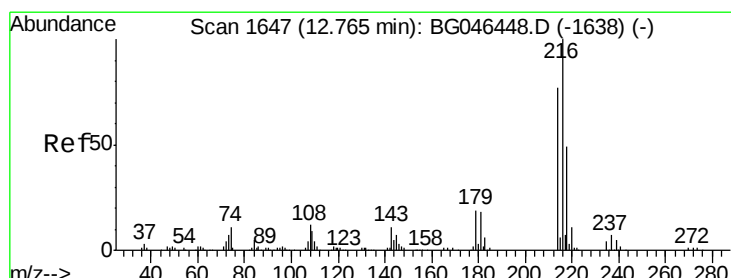
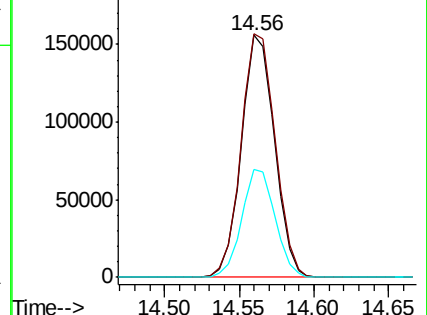
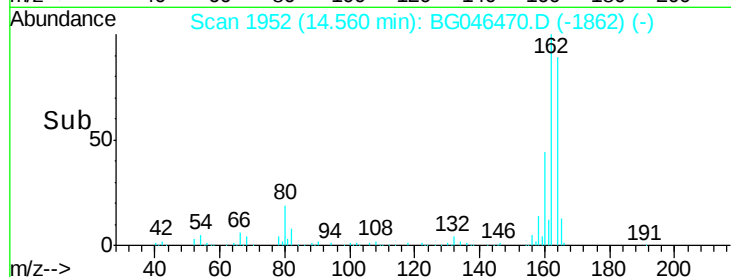


Abundance

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: 35.796 ng

RT: 12.76 min Scan# 1645

Delta R.T. 0.00 min

Lab File: BG046470.D

Acq: 31 Aug 2020 15:08

Tgt Ion:216 Resp: 283303

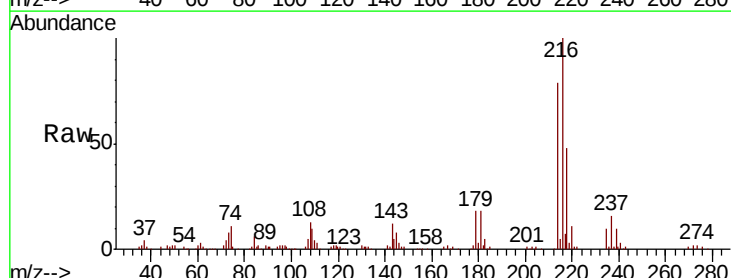
Ion Ratio Lower Upper

216 100

214 78.2 62.1 93.1

179 18.5 14.9 22.3

108 13.2 10.5 15.7



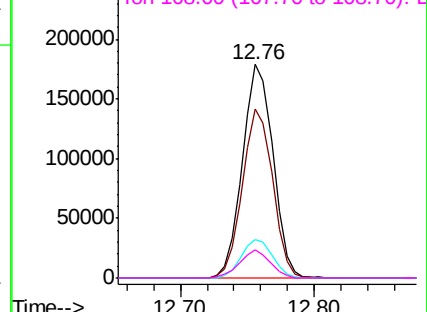
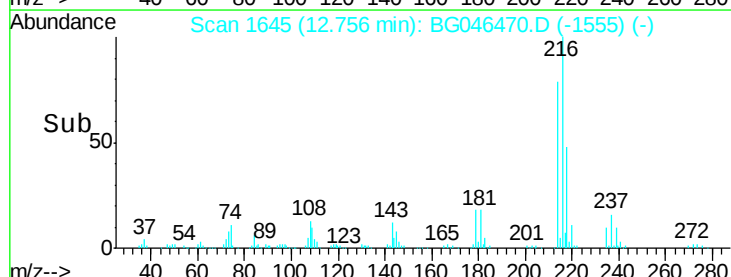
Abundance

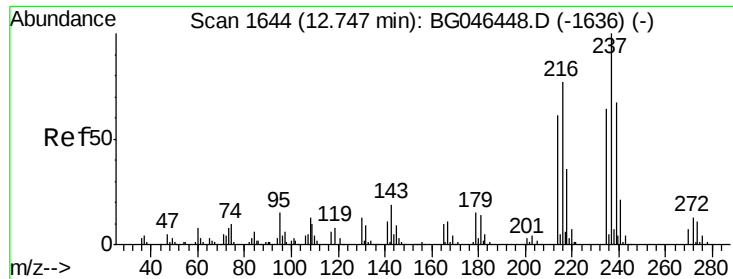
Ion 216.00 (215.70 to 216.70): E

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: 35.430 ng

RT: 12.74 min Scan# 1643

Delta R.T. 0.00 min

Lab File: BG046470.D

Acq: 31 Aug 2020 15:08

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

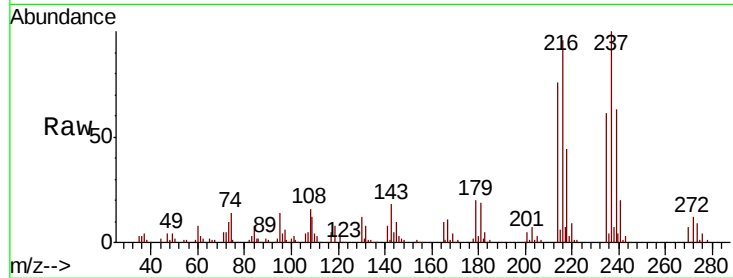
Tot Ion:237 Resp: 121928

Ion Ratio Lower Upper

237 100

235 60.7 44.5 84.5

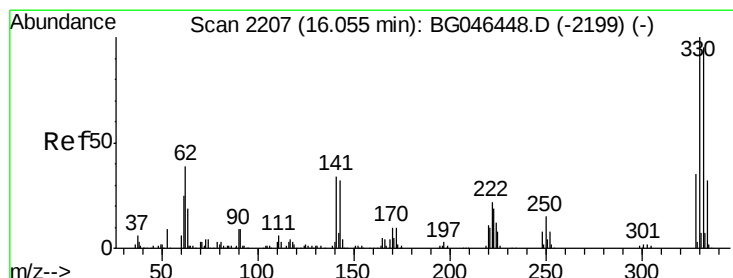
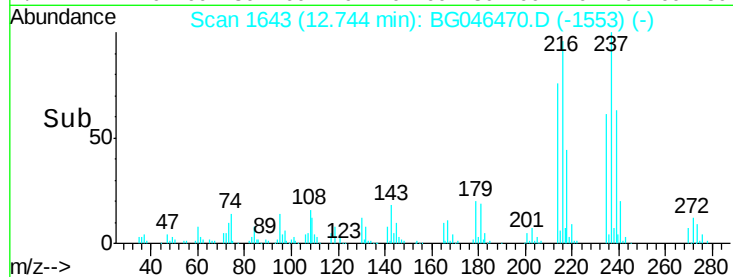
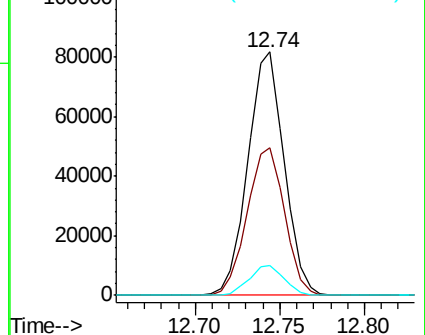
272 12.3 0.0 32.8



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: 75.520 ng

RT: 16.05 min Scan# 2206

Delta R.T. 0.00 min

Lab File: BG046470.D

Acq: 31 Aug 2020 15:08

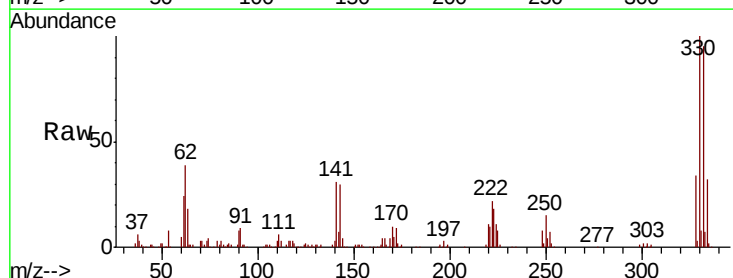
Tgt Ion:330 Resp: 245581

Ion Ratio Lower Upper

330 100

332 95.8 76.1 114.1

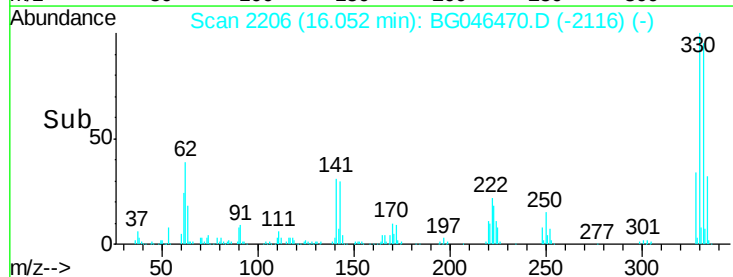
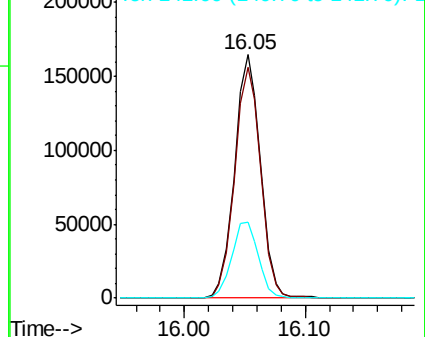
141 32.2 26.1 39.1

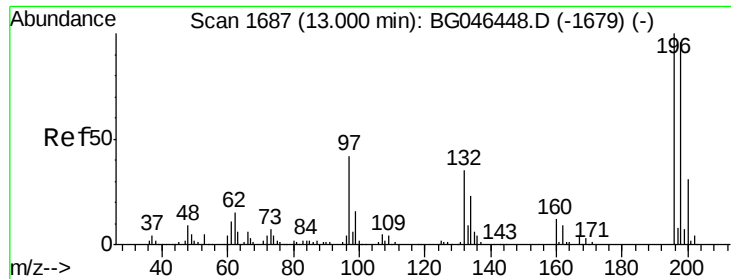


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

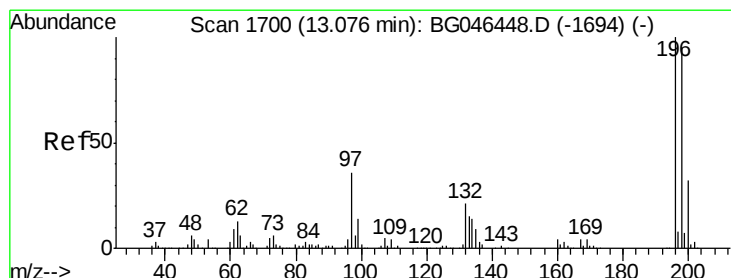
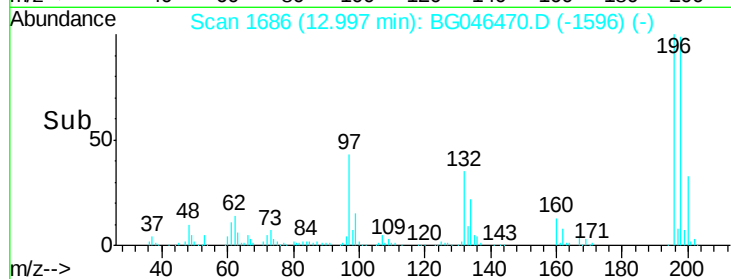
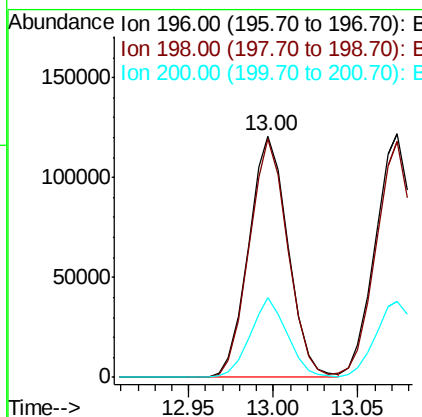
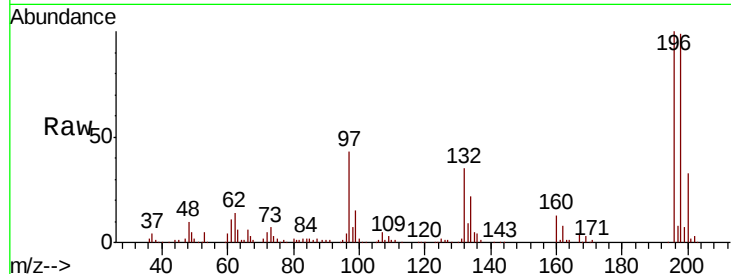




#43
 2,4,6-Trichlorophenol
 Concen: 36.429 ng
 RT: 13.00 min Scan# 1686
 Delta R.T. 0.00 min
 Lab File: BG046470.D
 Acq: 31 Aug 2020 15:08

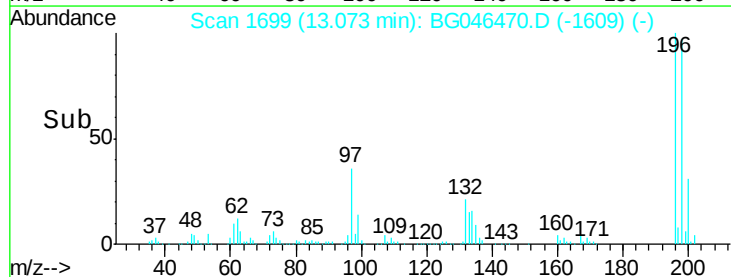
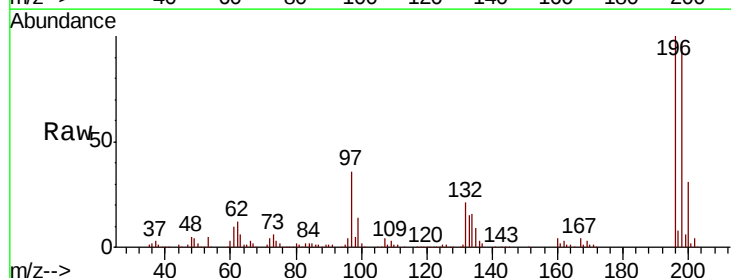
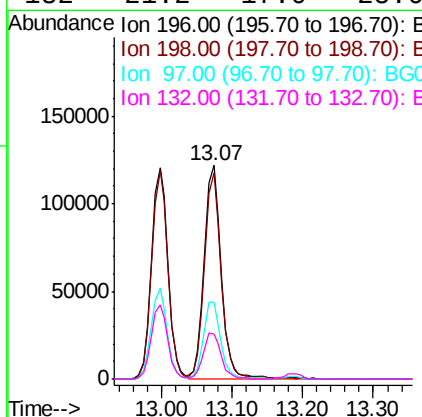
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

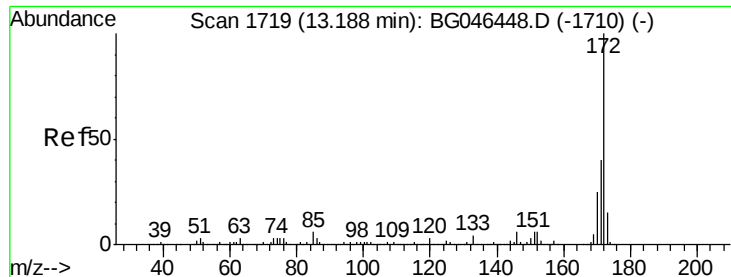
Tot Ion	196	Resp	194563
Ion Ratio	Lower	Upper	
196	100		
198	98.6	77.0	115.6
200	33.1	25.2	37.8



#44
 2,4,5-Trichlorophenol
 Concen: 36.584 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: BG046470.D
 Acq: 31 Aug 2020 15:08

Tgt Ion	196	Resp	205289
Ion Ratio	Lower	Upper	
196	100		
198	96.7	75.6	113.4
97	36.0	28.6	43.0
132	21.2	17.0	25.6

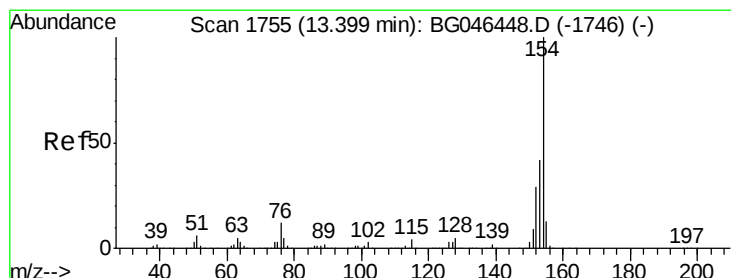
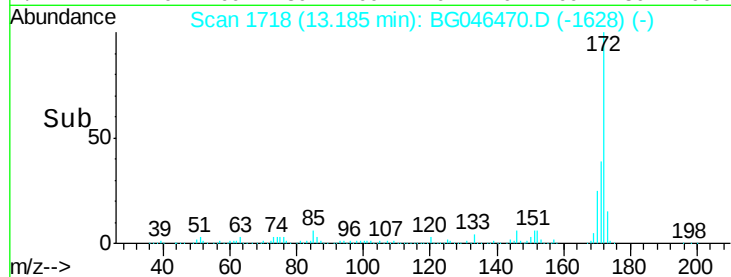
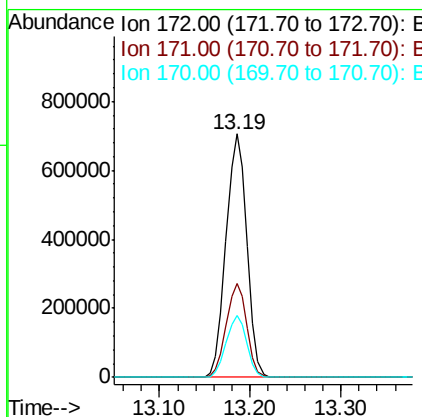
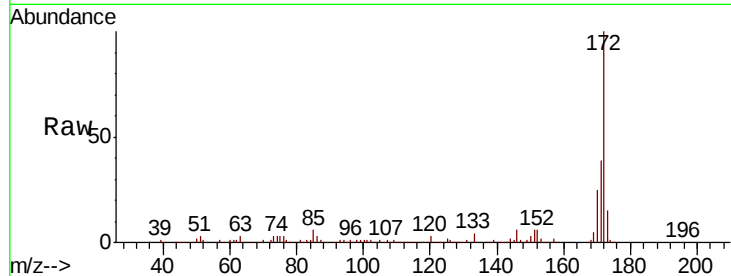




#45
 2-Fluorobiphenyl
 Concen: 71.348 ng
 RT: 13.19 min Scan# 1718
 Delta R.T. 0.00 min
 Lab File: BG046470.D
 Acq: 31 Aug 2020 15:08

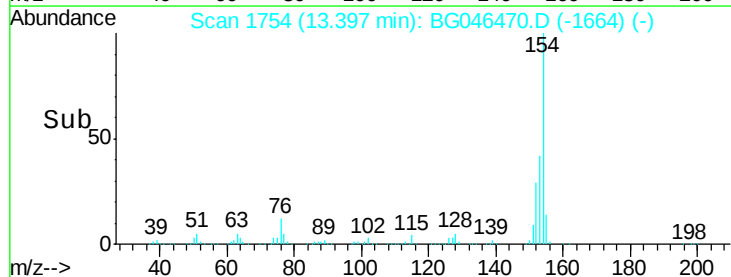
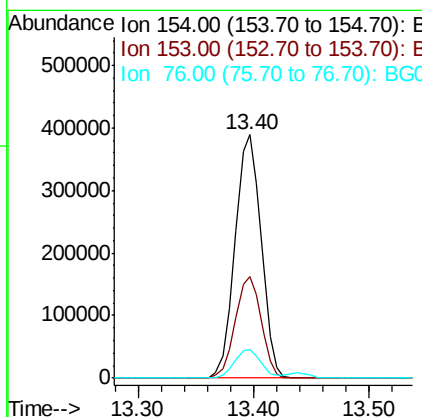
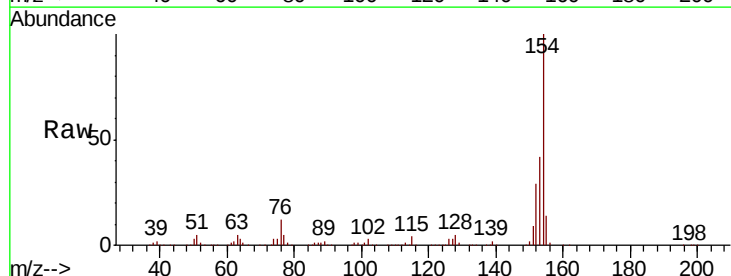
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

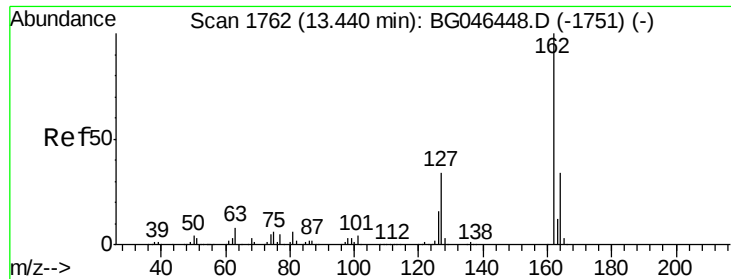
Tot Ion:172 Resp: 1121720
 Ion Ratio Lower Upper
 172 100
 171 38.5 31.8 47.6
 170 25.3 20.3 30.5



#46
 1,1'-Biphenyl
 Concen: 36.272 ng
 RT: 13.40 min Scan# 1754
 Delta R.T. 0.00 min
 Lab File: BG046470.D
 Acq: 31 Aug 2020 15:08

Tgt Ion:154 Resp: 605677
 Ion Ratio Lower Upper
 154 100
 153 42.0 22.0 62.0
 76 11.7 0.0 32.3

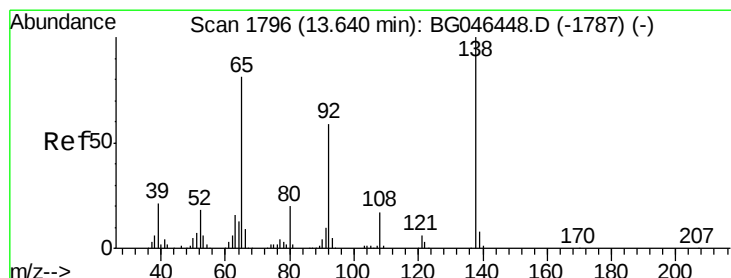
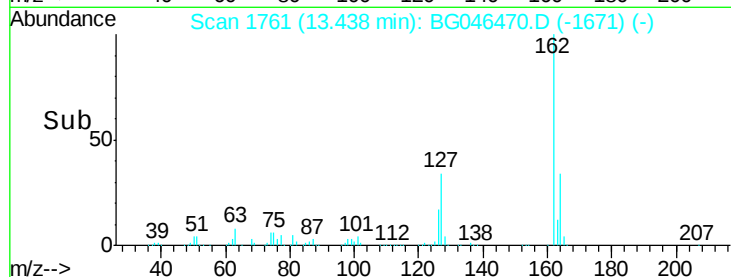
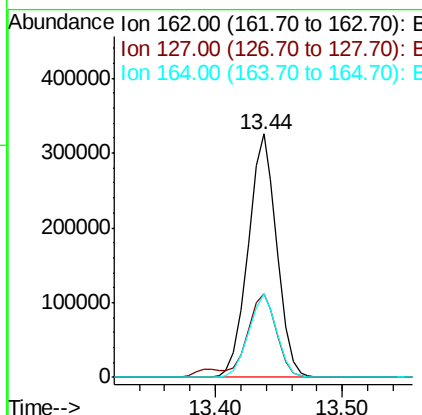
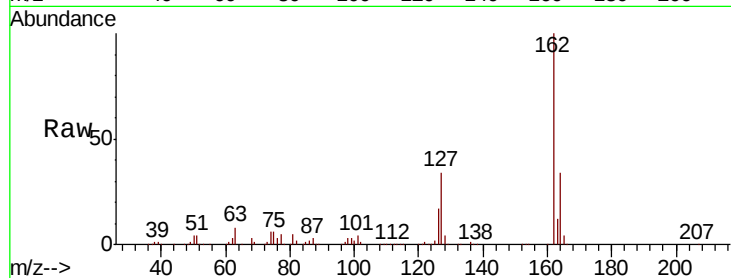




#47
2-Chloronaphthalene
Concen: 35.889 ng
RT: 13.44 min Scan# 1761
Delta R.T. 0.00 min
Lab File: BG046470.D
Acq: 31 Aug 2020 15:08

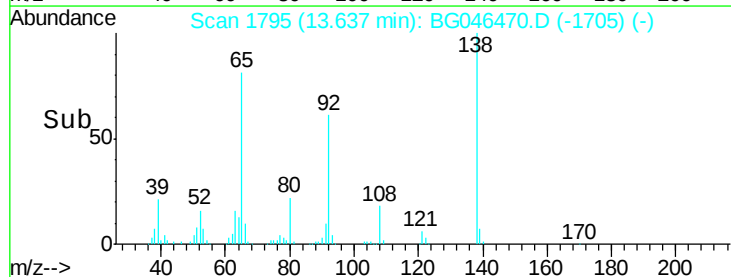
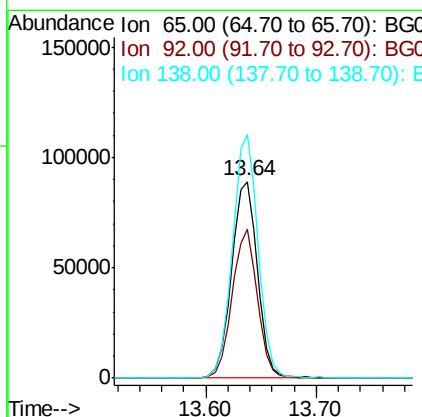
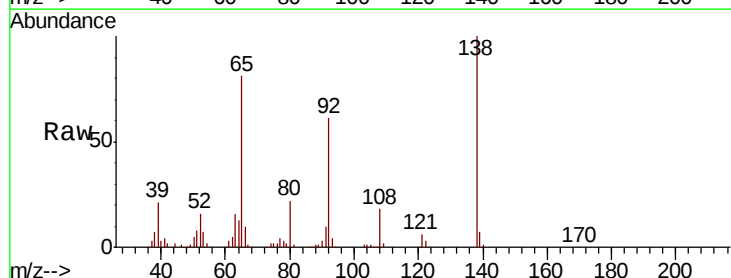
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

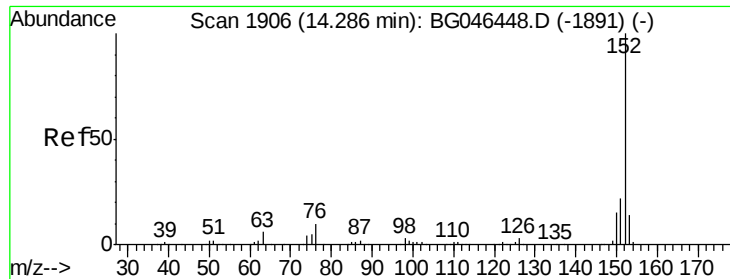
Tot Ion	Ratio	Lower	Upper
162	100		
127	34.5	27.6	41.4
164	34.2	27.3	40.9



#48
2-Nitroaniline
Concen: 37.321 ng
RT: 13.64 min Scan# 1795
Delta R.T. 0.00 min
Lab File: BG046470.D
Acq: 31 Aug 2020 15:08

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.8	58.5	87.7
138	123.7	98.4	147.6





#49

Acenaphthylene

Concen: 36.817 ng

RT: 14.28 min Scan# 1905

Delta R.T. 0.00 min

Lab File: BG046470.D

Acq: 31 Aug 2020 15:08

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

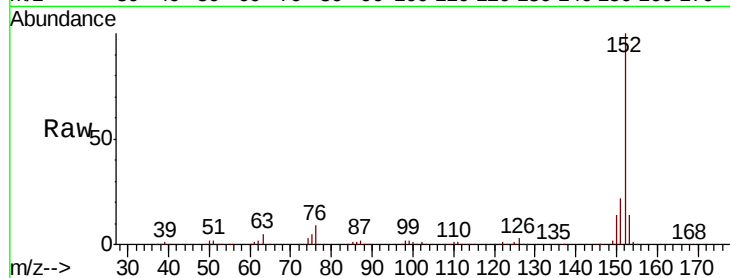
Tot Ion:152 Resp: 790676

Ion Ratio Lower Upper

152 100

151 21.6 17.7 26.5

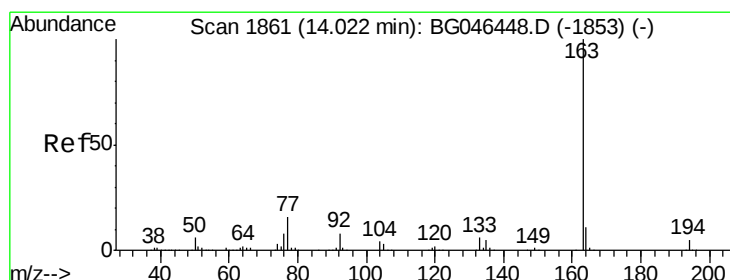
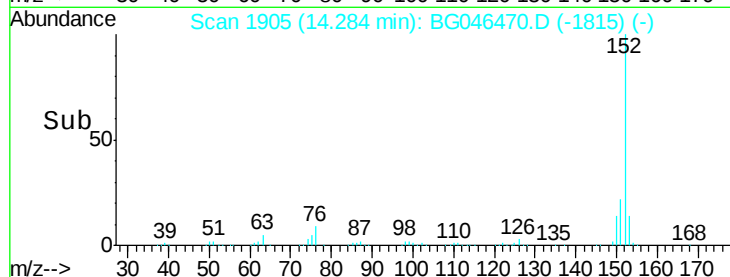
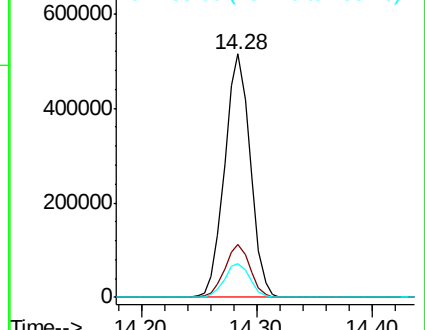
153 13.9 11.2 16.8



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: 35.936 ng

RT: 14.02 min Scan# 1860

Delta R.T. 0.00 min

Lab File: BG046470.D

Acq: 31 Aug 2020 15:08

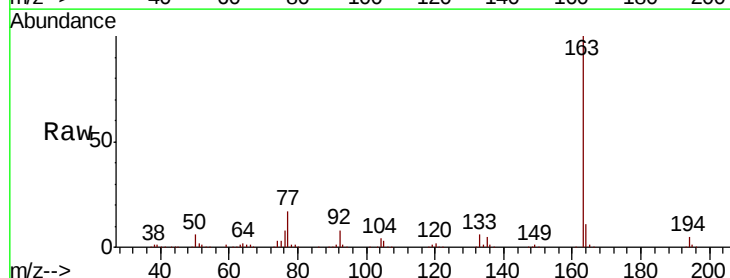
Tgt Ion:163 Resp: 667258

Ion Ratio Lower Upper

163 100

194 4.8 3.7 5.5

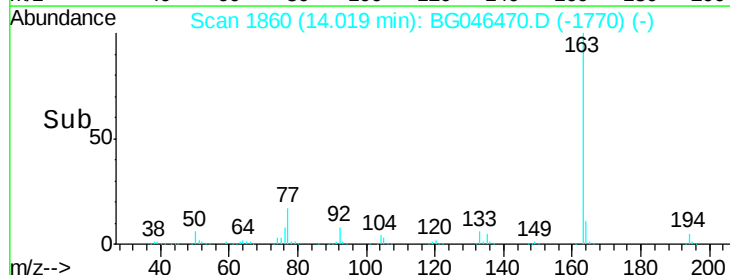
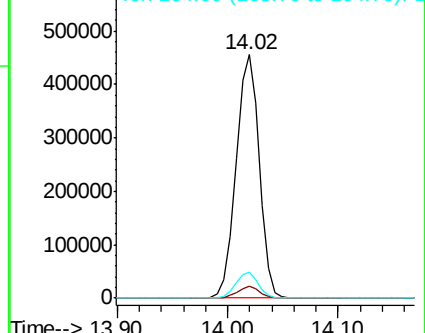
164 10.9 8.6 12.8

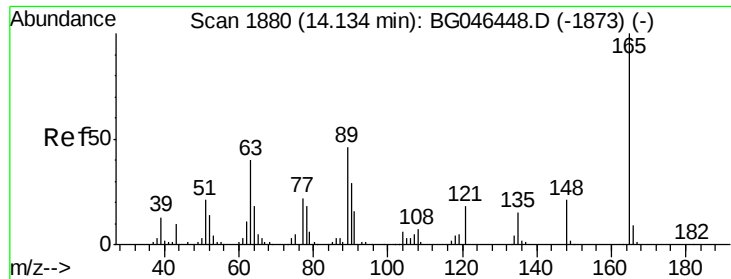


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

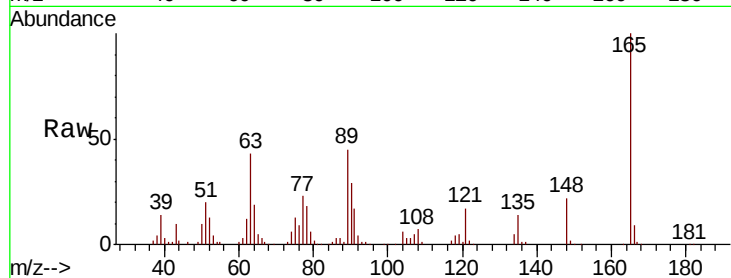




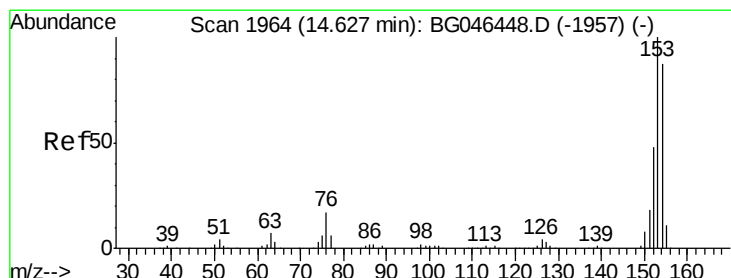
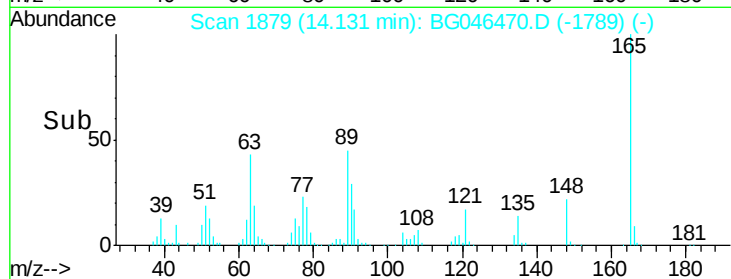
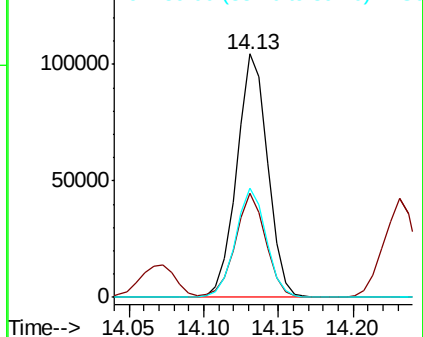
#51
2,6-Dinitrotoluene
Concen: 36.646 ng
RT: 14.13 min Scan# 1879
Delta R.T. 0.00 min
Lab File: BG046470.D
Acq: 31 Aug 2020 15:08

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	42.8	34.2	51.4
89	44.9	37.0	55.4

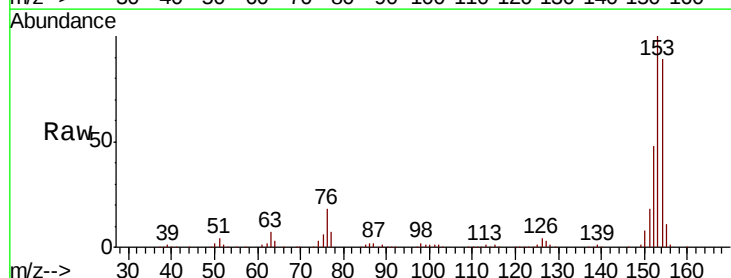


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

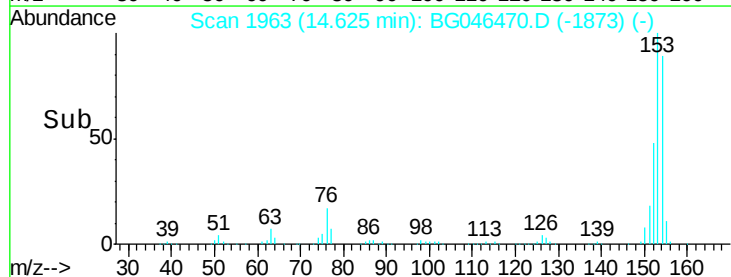
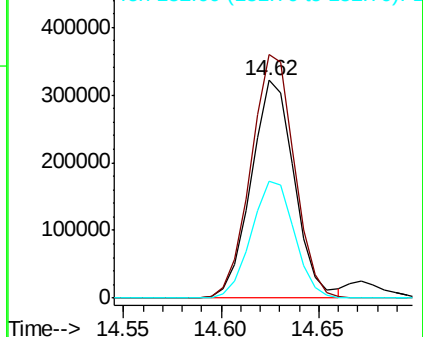


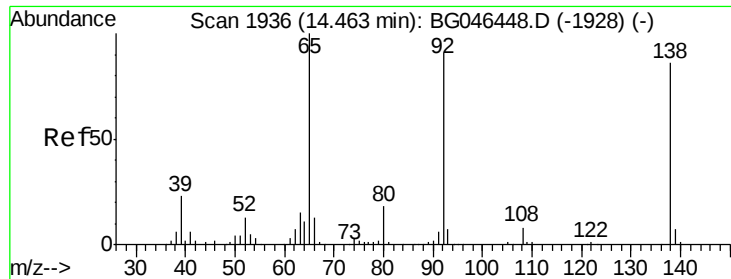
#52
Acenaphthene
Concen: 37.084 ng
RT: 14.62 min Scan# 1963
Delta R.T. 0.00 min
Lab File: BG046470.D
Acq: 31 Aug 2020 15:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.7	91.9	137.9
152	53.6	43.8	65.6



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: 36.885 ng

RT: 14.46 min Scan# 1935

Delta R.T. 0.00 min

Lab File: BG046470.D

Acq: 31 Aug 2020 15:08

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

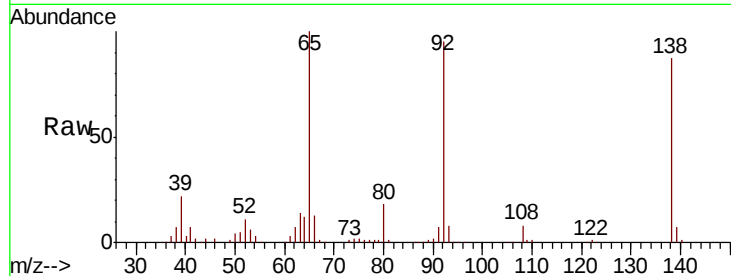
Tot Ion:138 Resp: 163529

Ion Ratio Lower Upper

138 100

108 9.4 7.0 10.6

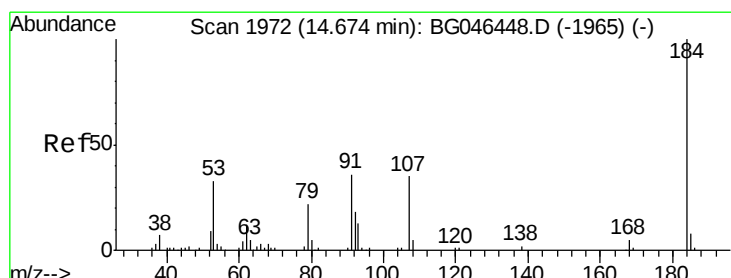
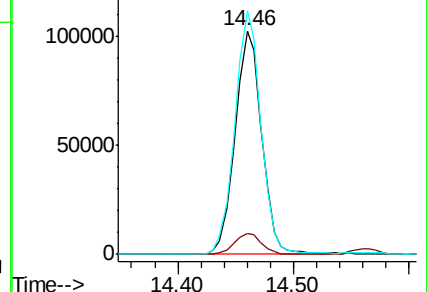
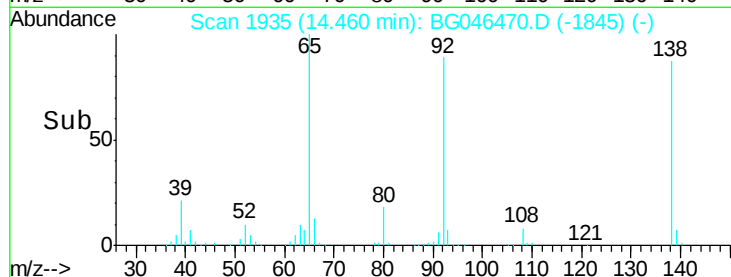
92 108.9 84.6 127.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 34.702 ng

RT: 14.67 min Scan# 1971

Delta R.T. 0.00 min

Lab File: BG046470.D

Acq: 31 Aug 2020 15:08

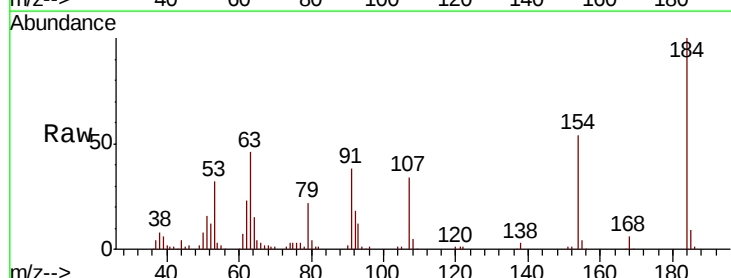
Tgt Ion:184 Resp: 82907

Ion Ratio Lower Upper

184 100

63 46.2 35.6 53.4

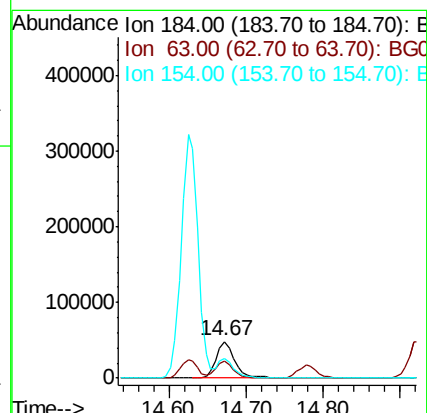
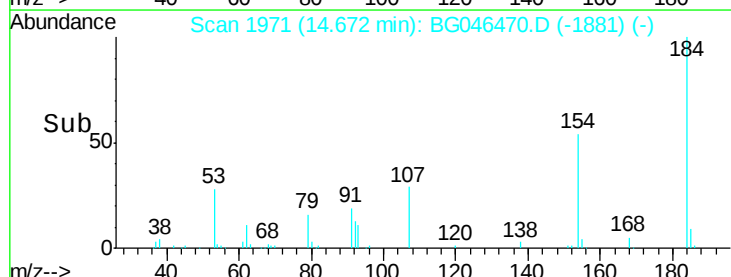
154 54.3 44.3 66.5

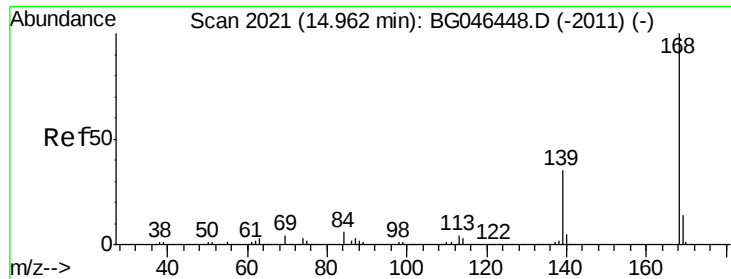


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

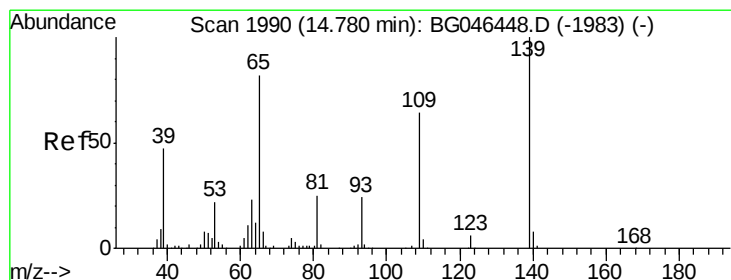
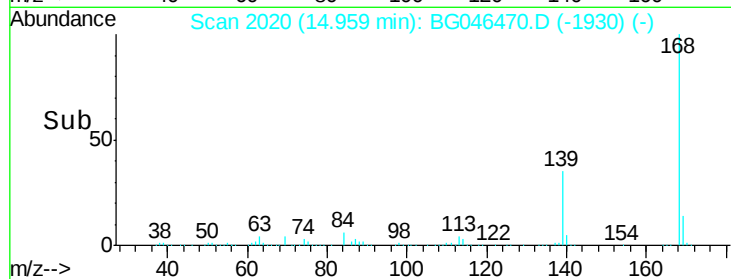
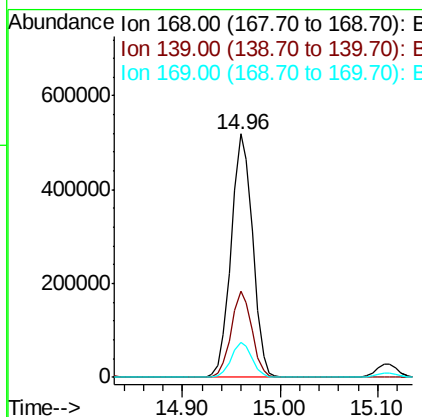
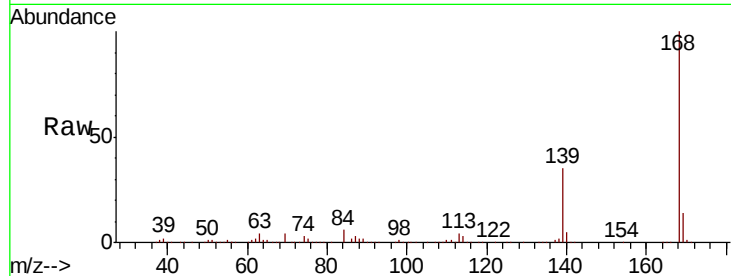




#55
Dibenzofuran
Concen: 37.034 ng
RT: 14.96 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BG046470.D
Acq: 31 Aug 2020 15:08

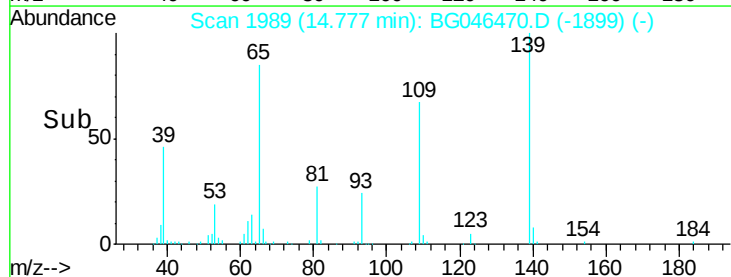
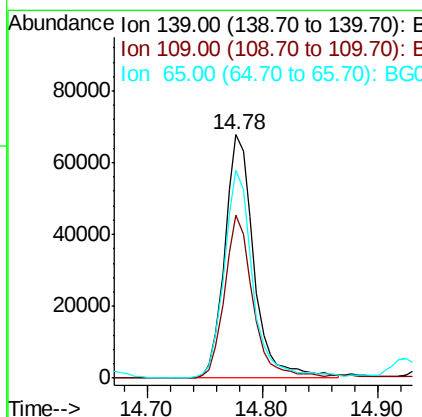
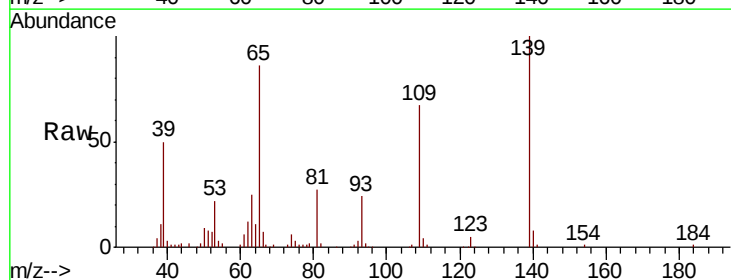
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

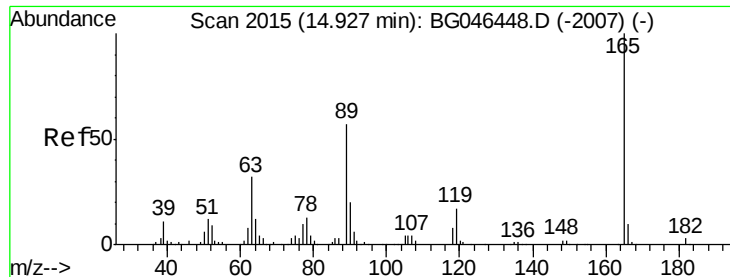
Tot Ion	Ratio	Lower	Upper
168	100		
139	35.2	28.1	42.1
169	14.4	11.5	17.3



#56
4-Nitrophenol
Concen: 36.353 ng
RT: 14.78 min Scan# 1989
Delta R.T. 0.00 min
Lab File: BG046470.D
Acq: 31 Aug 2020 15:08

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.8	44.3	84.3
65	85.5	61.5	101.5

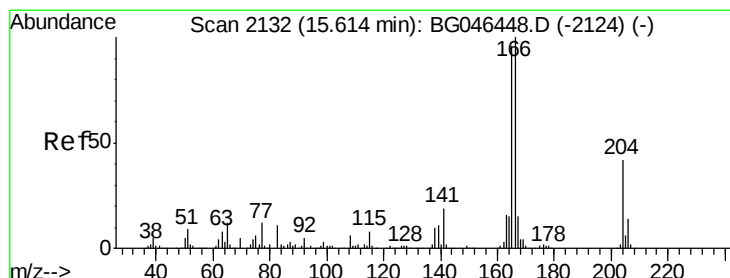
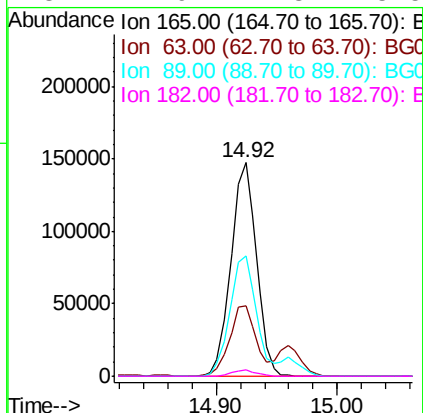
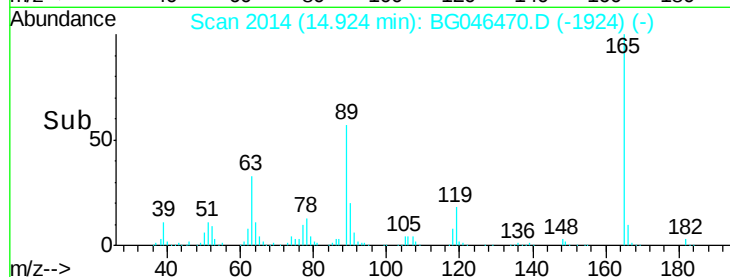
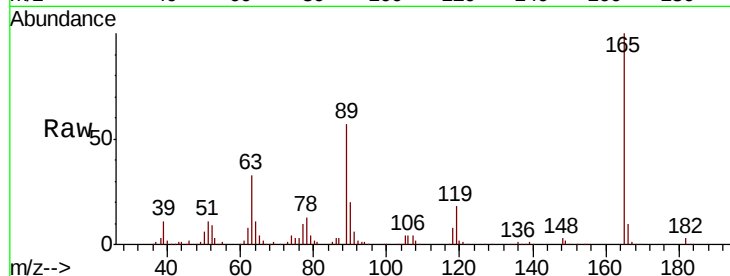




#57
2,4-Dinitrotoluene
Concen: 37.218 ng
RT: 14.92 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BG046470.D
Acq: 31 Aug 2020 15:08

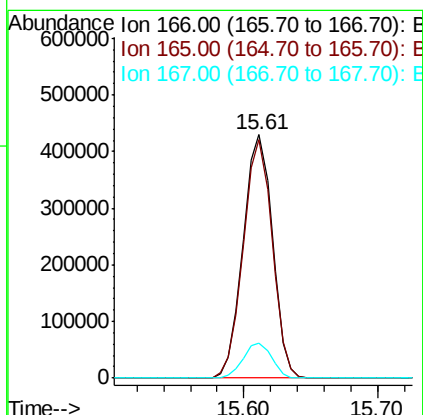
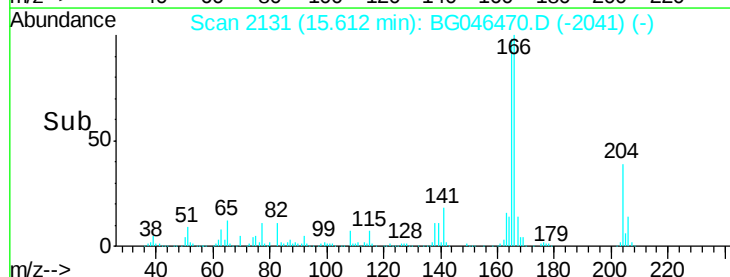
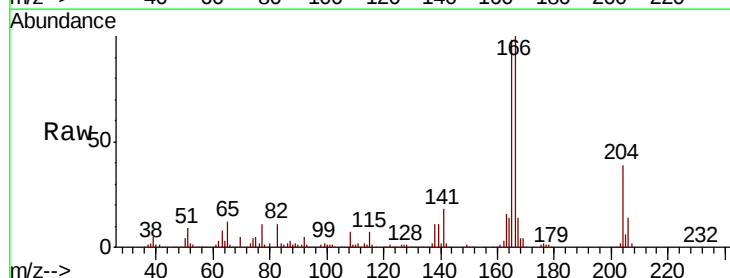
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

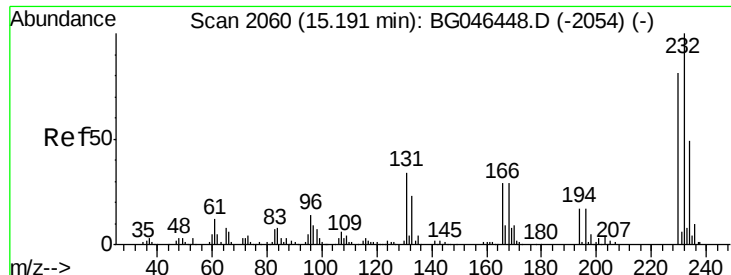
Tot Ion:165	Resp: 217209
Ion Ratio	Lower Upper
165 100	
63 33.2	25.4 38.0
89 56.5	45.9 68.9
182 2.9	2.3 3.5



#58
Fluorene
Concen: 36.307 ng
RT: 15.61 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BG046470.D
Acq: 31 Aug 2020 15:08

Tgt	Ion:166	Resp:	650824
Ion	Ratio	Lower	Upper
166	100		
165	98.0	77.0	115.4
167	14.2	11.8	17.6

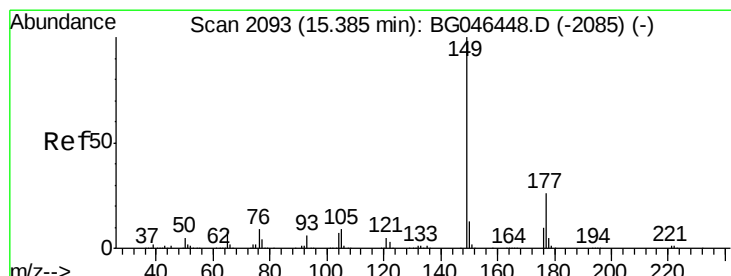
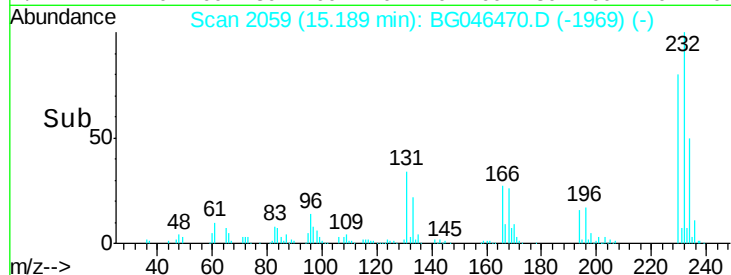
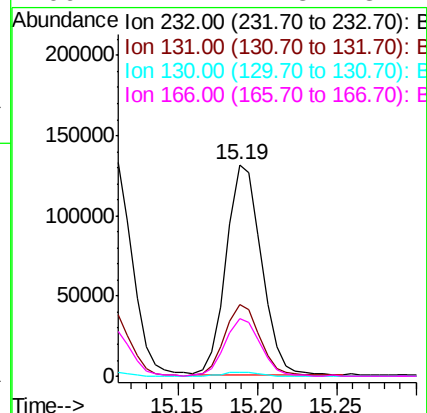
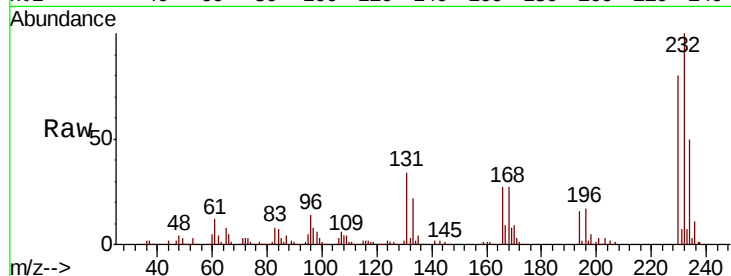




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.154 ng
 RT: 15.19 min Scan# 2059
 Delta R.T. 0.00 min
 Lab File: BG046470.D
 Acq: 31 Aug 2020 15:08

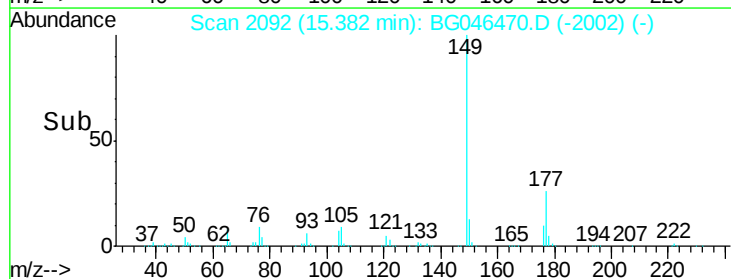
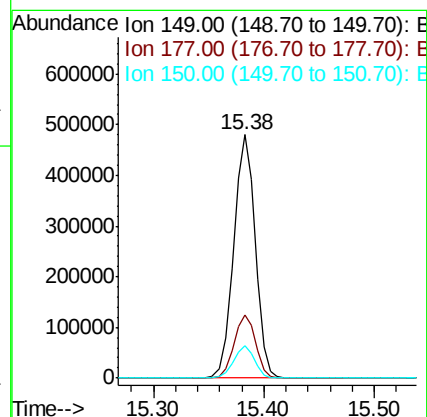
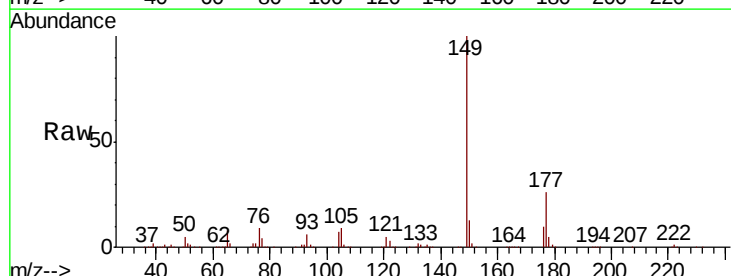
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

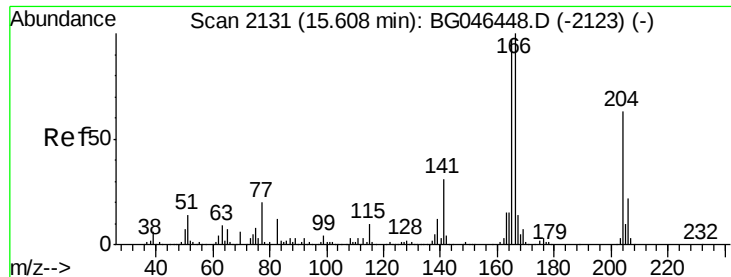
Tot Ion:	232	Resp:	202459
Ion	Ratio	Lower	Upper
232	100		
131	33.8	26.8	40.2
130	1.9	1.4	2.2
166	27.1	22.8	34.2



#60
 Diethylphthalate
 Concen: 36.124 ng
 RT: 15.38 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: BG046470.D
 Acq: 31 Aug 2020 15:08

Tgt Ion:	149	Resp:	653959
Ion	Ratio	Lower	Upper
149	100		
177	26.2	20.6	30.8
150	13.3	10.3	15.5

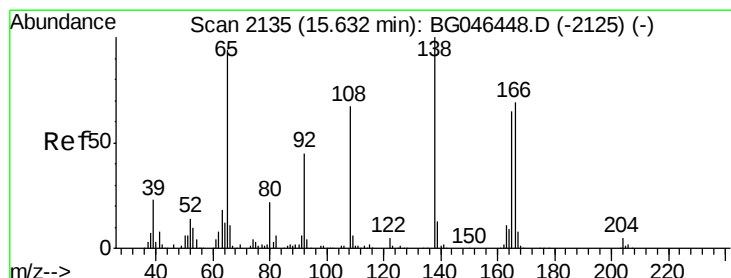
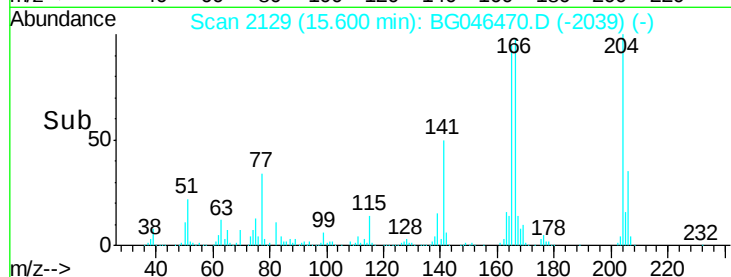
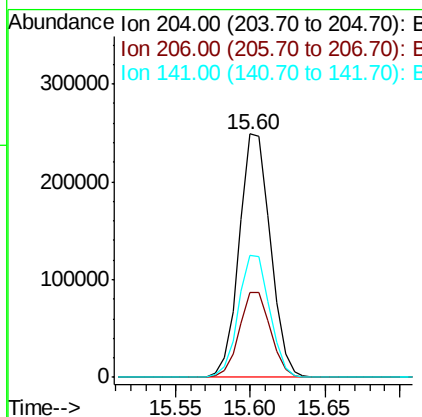
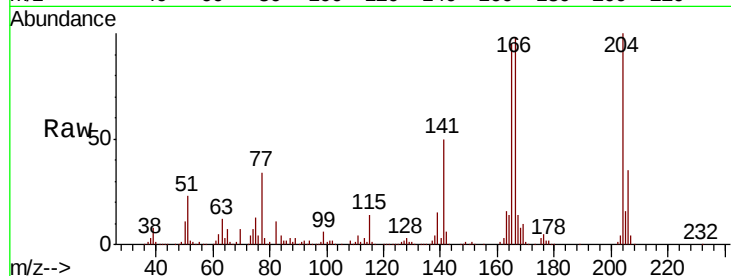




#61
4-Chlorophenyl-phenylether
Concen: 36.516 ng
RT: 15.60 min Scan# 2129
Delta R.T. 0.00 min
Lab File: BG046470.D
Acq: 31 Aug 2020 15:08

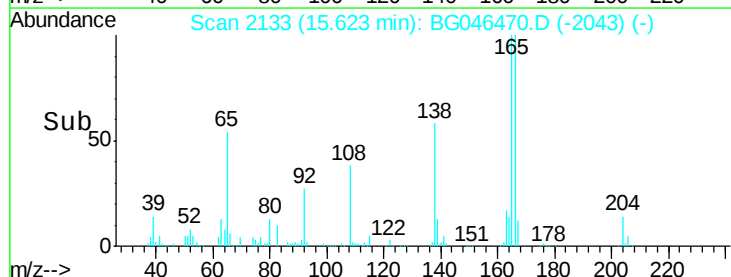
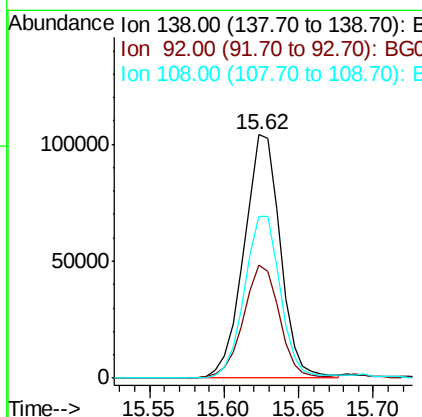
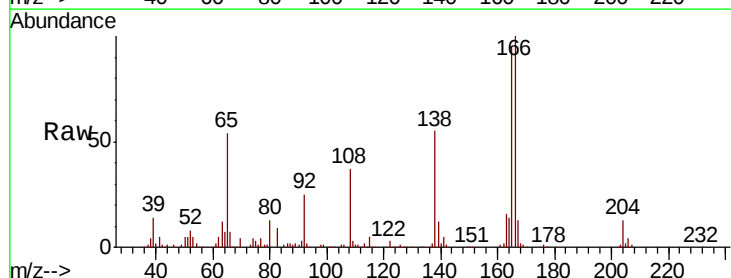
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

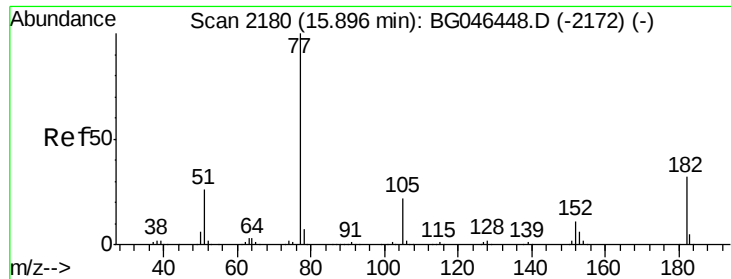
Tot Ion:204 Resp: 360490
Ion Ratio Lower Upper
204 100
206 34.7 27.7 41.5
141 49.9 38.7 58.1



#62
4-Nitroaniline
Concen: 37.526 ng
RT: 15.62 min Scan# 2133
Delta R.T. 0.00 min
Lab File: BG046470.D
Acq: 31 Aug 2020 15:08

Tgt Ion:138 Resp: 175550
Ion Ratio Lower Upper
138 100
92 46.2 25.3 65.3
108 66.4 46.7 86.7

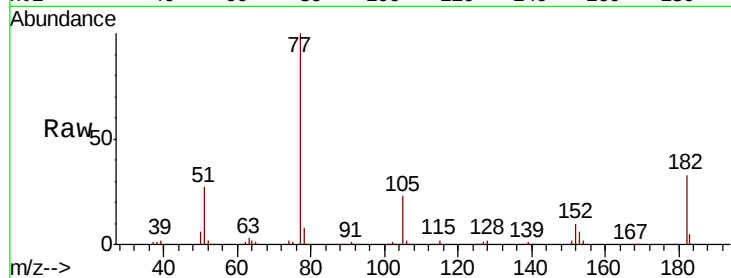




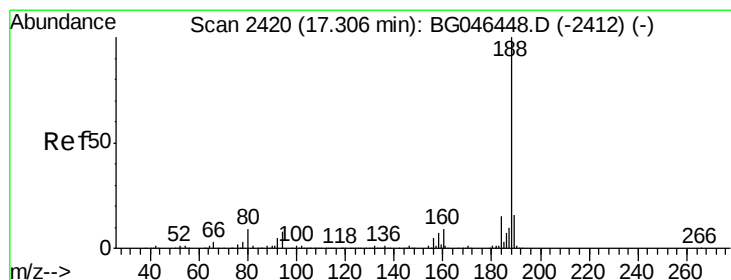
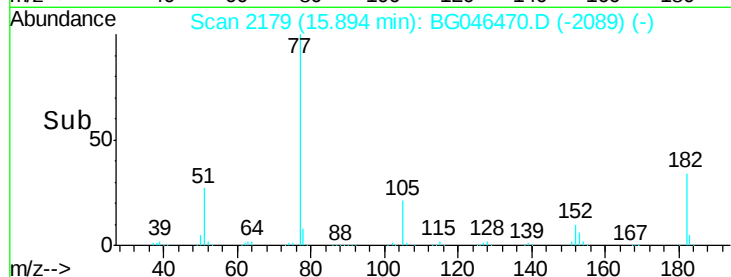
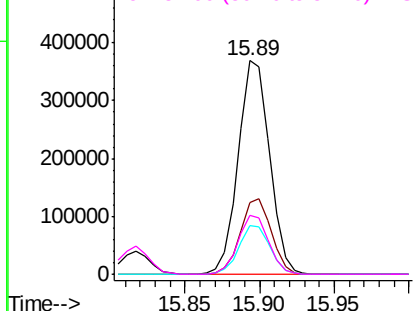
#63
Azobenzene
Concen: 36.448 ng
RT: 15.89 min Scan# 2179
Delta R.T. 0.00 min
Lab File: BG046470.D
Acq: 31 Aug 2020 15:08

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	33.5	12.3	52.3	
105	23.0	2.3	42.3	
51	27.5	6.5	46.5	

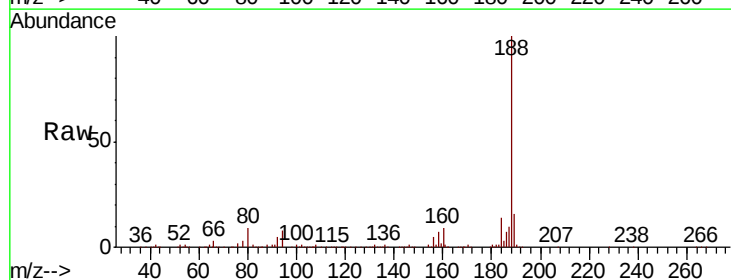


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

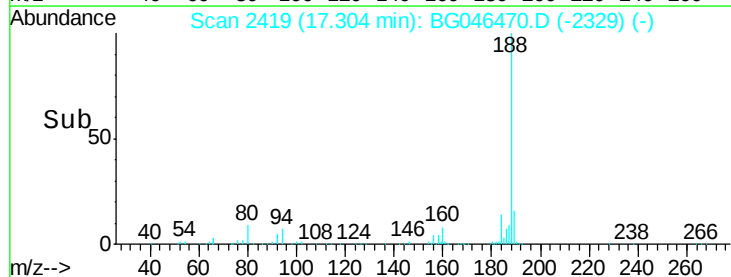
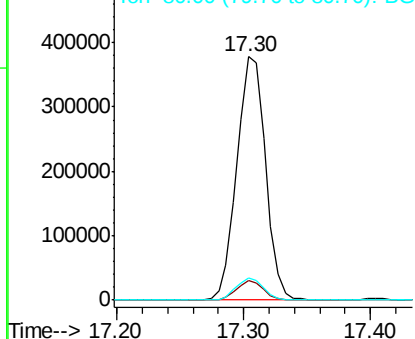


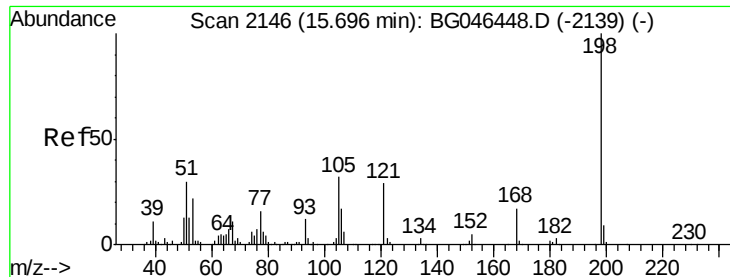
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2419
Delta R.T. 0.00 min
Lab File: BG046470.D
Acq: 31 Aug 2020 15:08

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.2	6.3	9.5	
80	8.9	6.9	10.3	



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 35.936 ng

RT: 15.69 min Scan# 2145

Delta R.T. 0.00 min

Lab File: BG046470.D

Acq: 31 Aug 2020 15:08

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

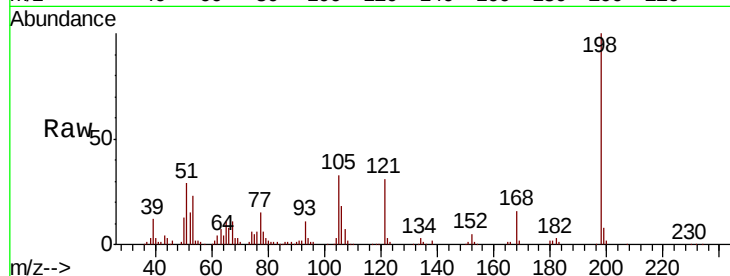
Tot Ion:198 Resp: 120223

Ion	Ratio	Lower	Upper
198	100		
51	29.1	10.4	50.4
105	33.1	12.4	52.4

198 100

51 29.1 10.4 50.4

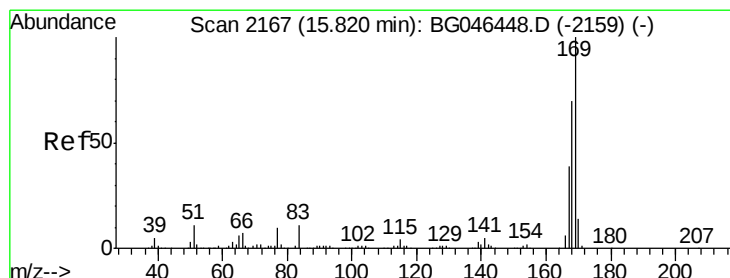
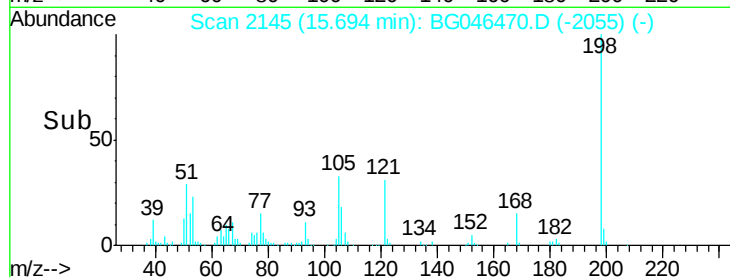
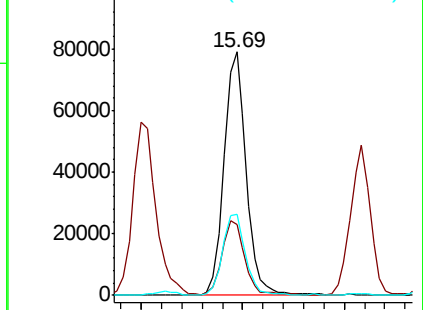
105 33.1 12.4 52.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG046470.D (-2055) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 36.816 ng

RT: 15.82 min Scan# 2166

Delta R.T. 0.00 min

Lab File: BG046470.D

Acq: 31 Aug 2020 15:08

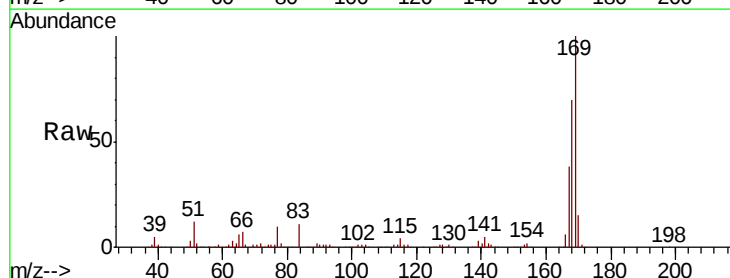
Tgt Ion:169 Resp: 587070

Ion	Ratio	Lower	Upper
169	100		
168	70.2	55.8	83.8
167	38.1	31.0	46.6

169 100

168 70.2 55.8 83.8

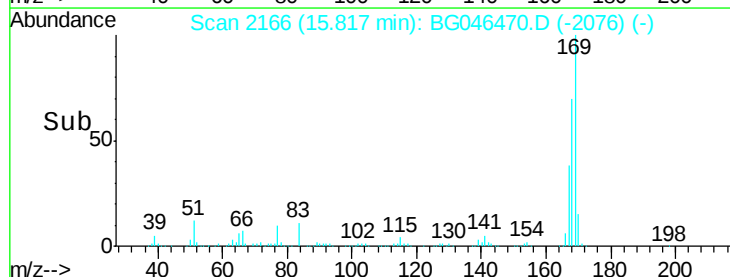
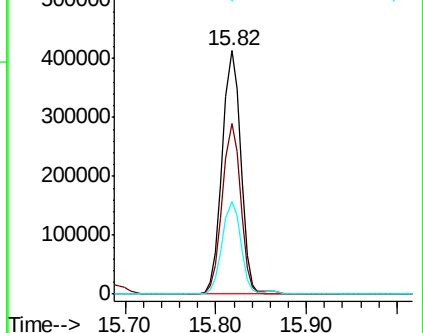
167 38.1 31.0 46.6

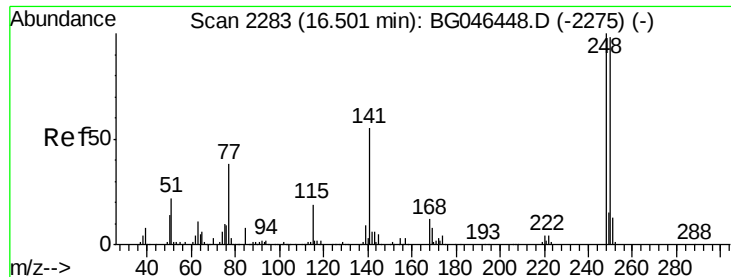


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 37.535 ng

RT: 16.50 min Scan# 2282

Delta R.T. 0.00 min

Lab File: BG046470.D

Acq: 31 Aug 2020 15:08

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

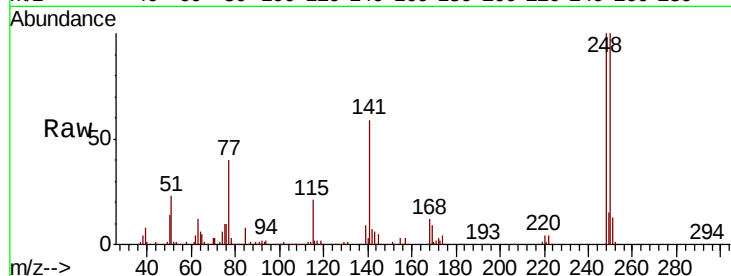
Tot Ion:248 Resp: 258834

Ion Ratio Lower Upper

248 100

250 99.6 78.6 118.0

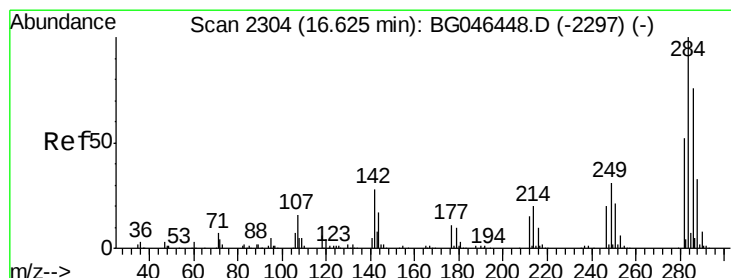
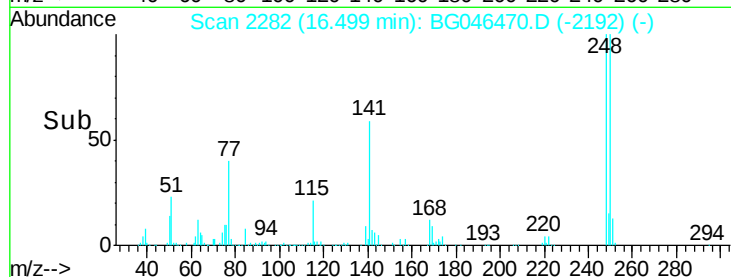
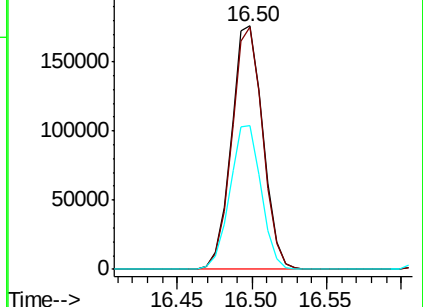
141 59.2 43.9 65.9



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: 36.742 ng

RT: 16.62 min Scan# 2303

Delta R.T. 0.00 min

Lab File: BG046470.D

Acq: 31 Aug 2020 15:08

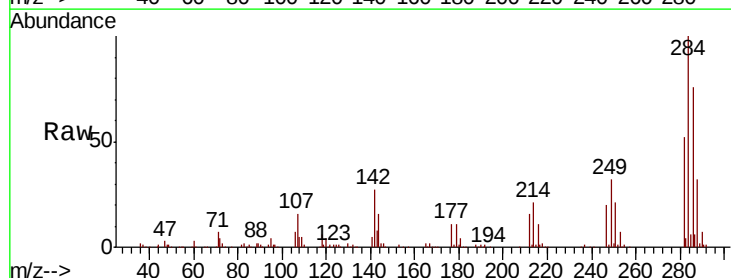
Tgt Ion:284 Resp: 280605

Ion Ratio Lower Upper

284 100

142 26.8 22.3 33.5

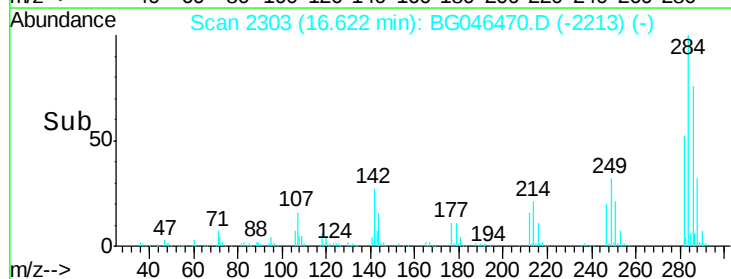
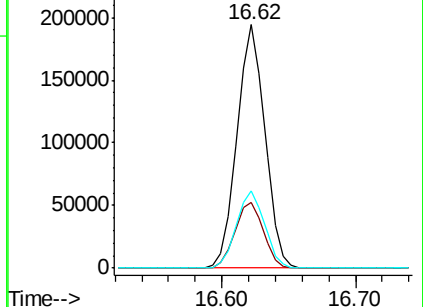
249 31.9 24.8 37.2

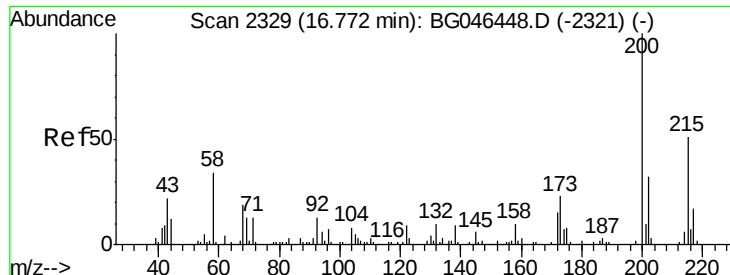


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 37.252 ng

RT: 16.77 min Scan# 2328

Delta R.T. 0.00 min

Lab File: BG046470.D

Acq: 31 Aug 2020 15:08

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

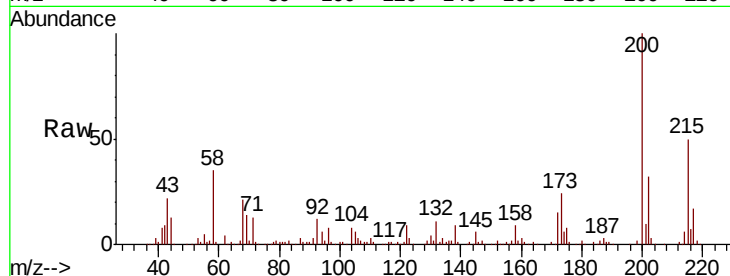
Tot Ion:200 Resp: 242333

Ion Ratio Lower Upper

200 100

173 23.9 3.3 43.3

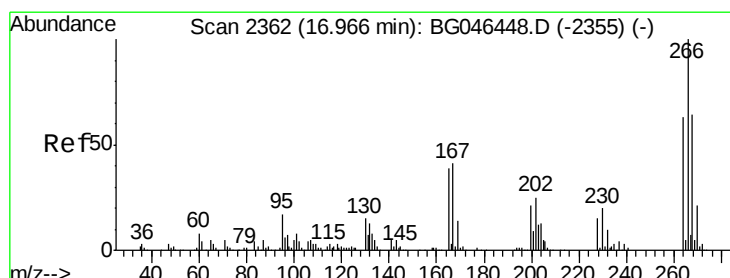
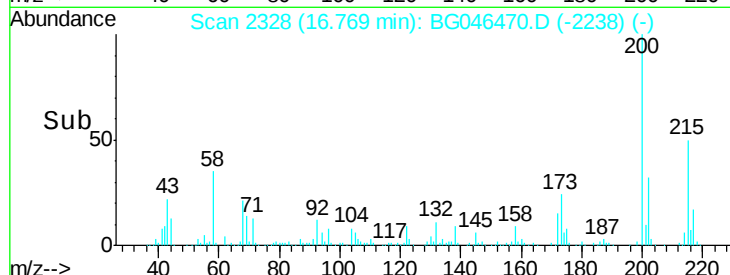
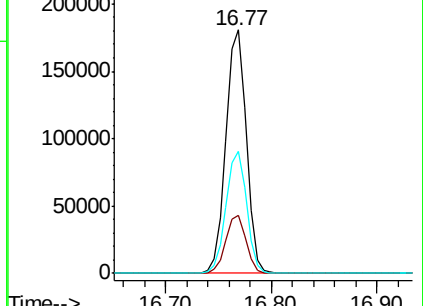
215 49.9 30.9 70.9



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: 38.143 ng

RT: 16.96 min Scan# 2361

Delta R.T. 0.00 min

Lab File: BG046470.D

Acq: 31 Aug 2020 15:08

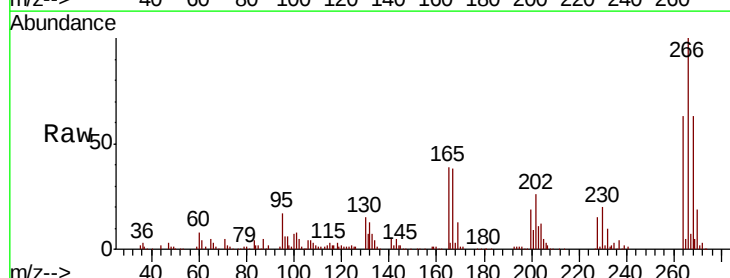
Tgt Ion:266 Resp: 152200

Ion Ratio Lower Upper

266 100

268 63.2 51.1 76.7

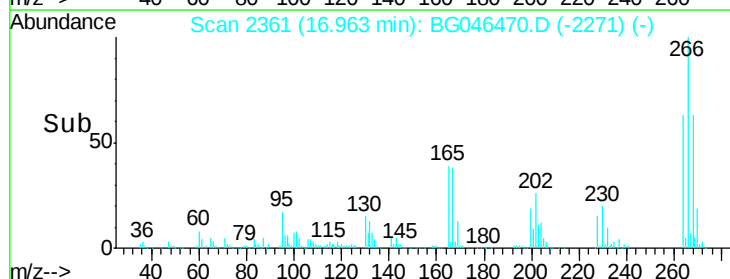
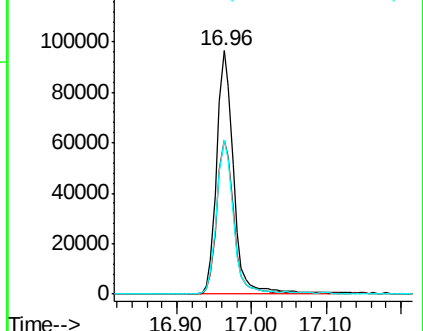
264 63.2 50.2 75.2

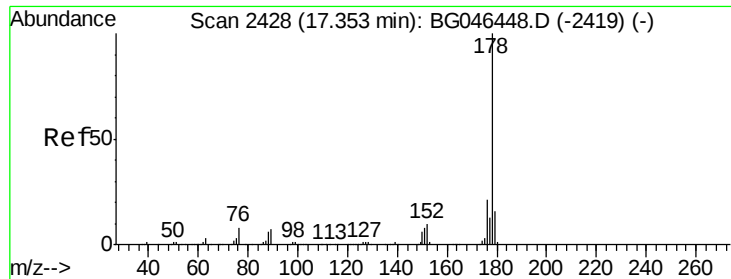


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

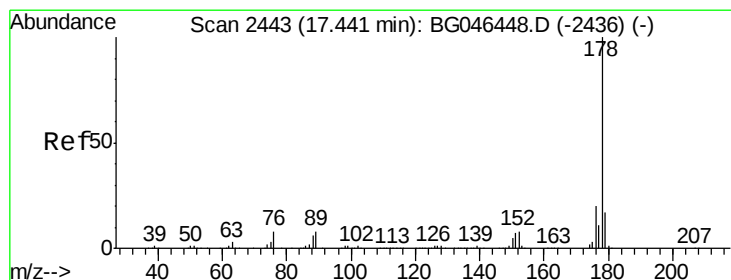
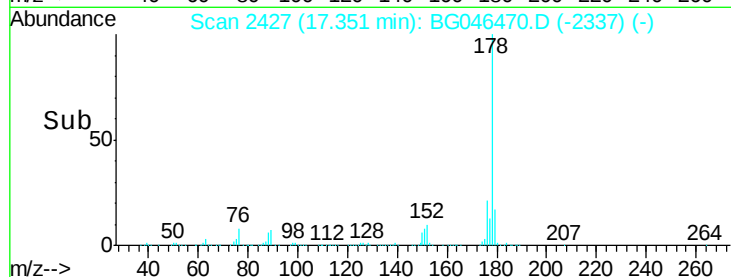
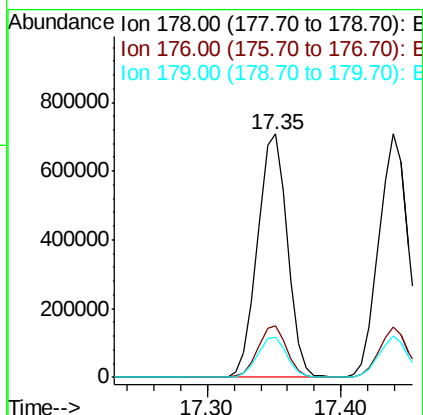
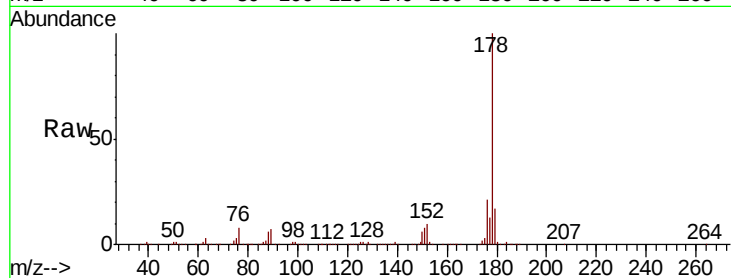




#71
Phenanthrene
Concen: 36.425 ng
RT: 17.35 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BG046470.D
Acq: 31 Aug 2020 15:08

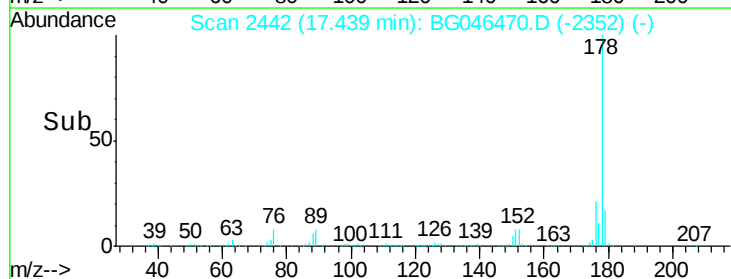
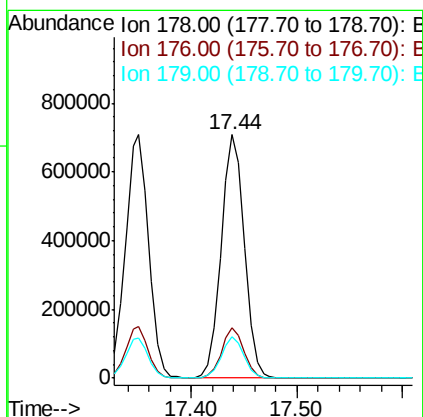
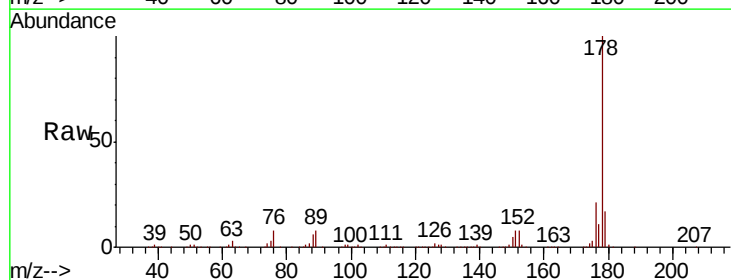
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

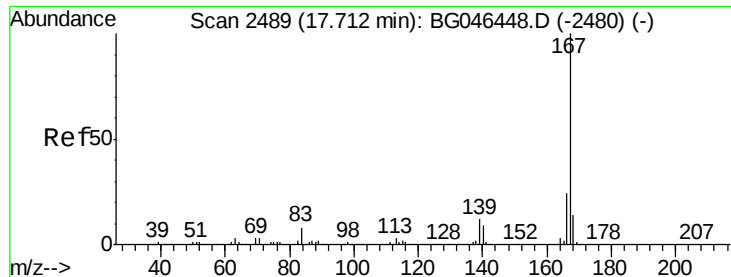
Tot Ion:178 Resp: 1091279
Ion Ratio Lower Upper
178 100
176 21.1 16.8 25.2
179 16.5 13.2 19.8



#72
Anthracene
Concen: 36.373 ng
RT: 17.44 min Scan# 2442
Delta R.T. 0.00 min
Lab File: BG046470.D
Acq: 31 Aug 2020 15:08

Tgt Ion:178 Resp: 1075150
Ion Ratio Lower Upper
178 100
176 20.5 16.1 24.1
179 17.2 13.3 19.9





#73

Carbazole

Concen: 36.451 ng

RT: 17.71 min Scan# 2488

Delta R.T. 0.00 min

Lab File: BG046470.D

Acq: 31 Aug 2020 15:08

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

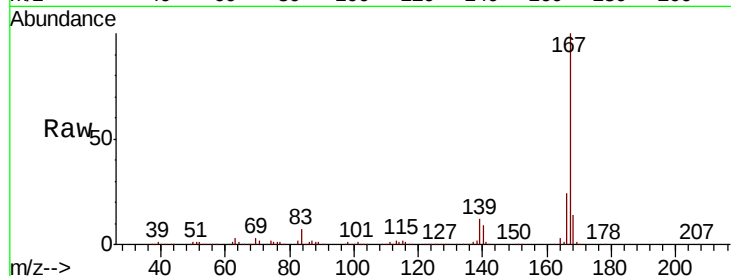
Tot Ion:167 Resp: 1017306

Ion Ratio Lower Upper

167 100

166 23.6 19.3 28.9

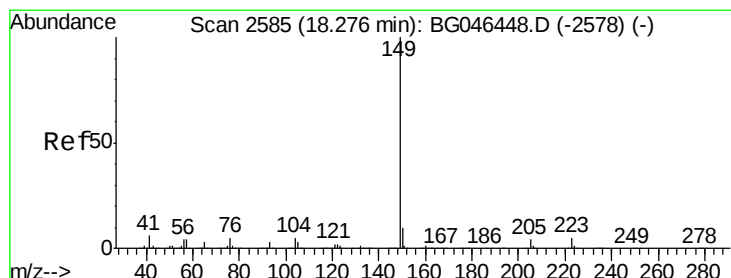
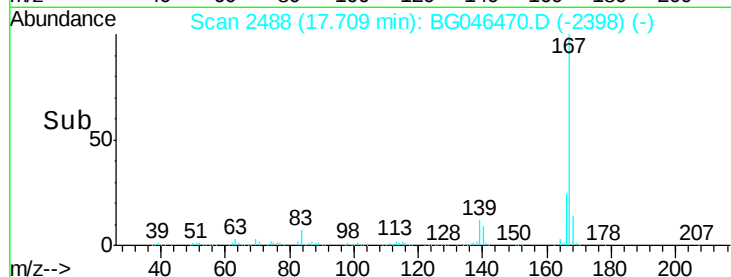
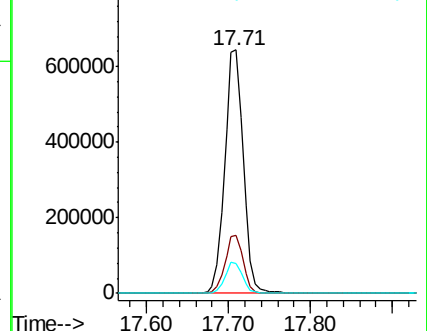
139 12.1 9.7 14.5



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 36.041 ng

RT: 18.27 min Scan# 2584

Delta R.T. 0.00 min

Lab File: BG046470.D

Acq: 31 Aug 2020 15:08

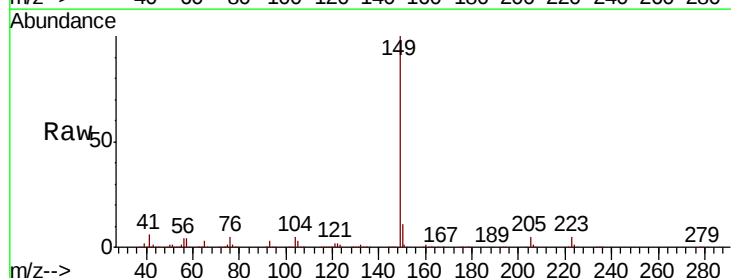
Tgt Ion:149 Resp: 1156627

Ion Ratio Lower Upper

149 100

150 10.7 8.1 12.1

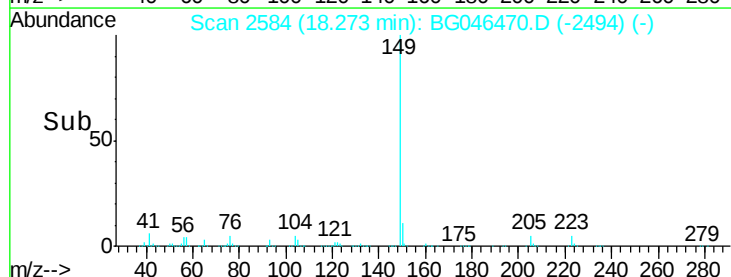
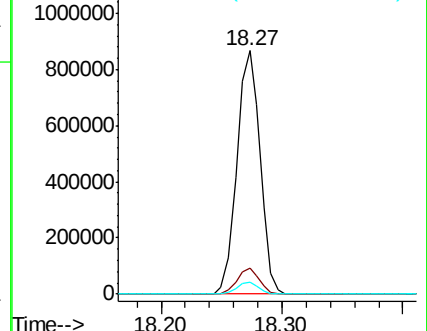
104 5.1 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 35.556 ng

RT: 19.36 min Scan# 2769

Delta R.T. 0.00 min

Lab File: BG046470.D

Acq: 31 Aug 2020 15:08

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

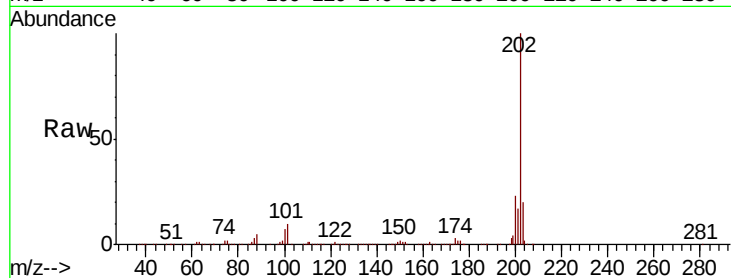
Tot Ion:202 Resp: 1370877

Ion Ratio Lower Upper

202 100

101 9.6 0.0 29.9

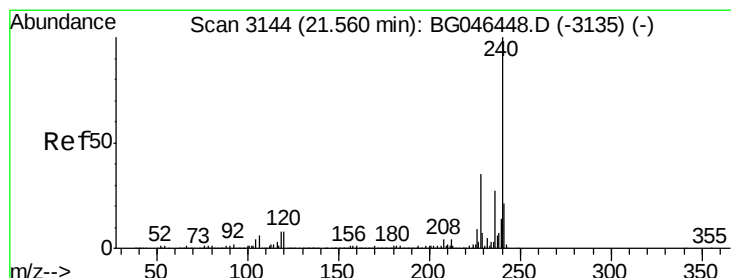
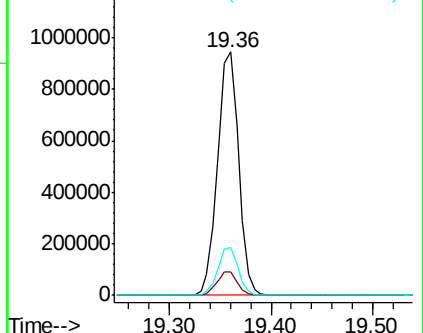
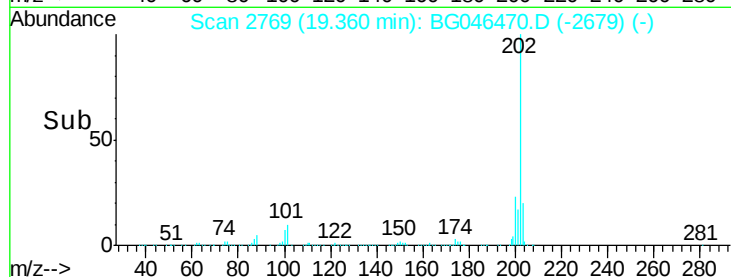
203 19.8 0.0 40.0



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: 21.56 min Scan# 3143

Delta R.T. 0.00 min

Lab File: BG046470.D

Acq: 31 Aug 2020 15:08

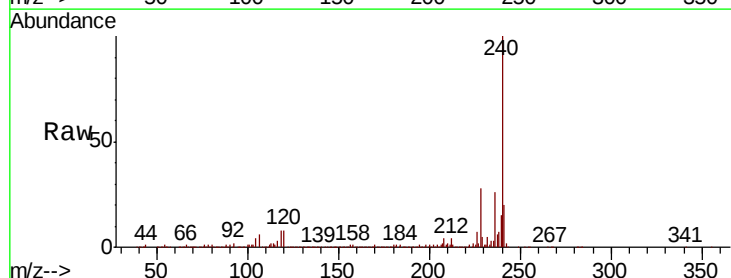
Tgt Ion:240 Resp: 594085

Ion Ratio Lower Upper

240 100

120 7.9 6.6 10.0

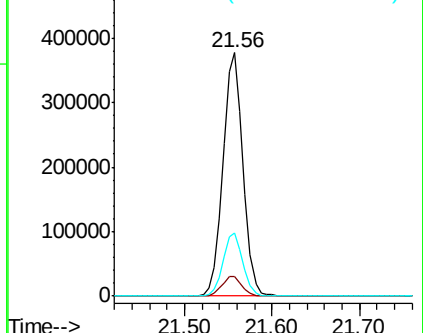
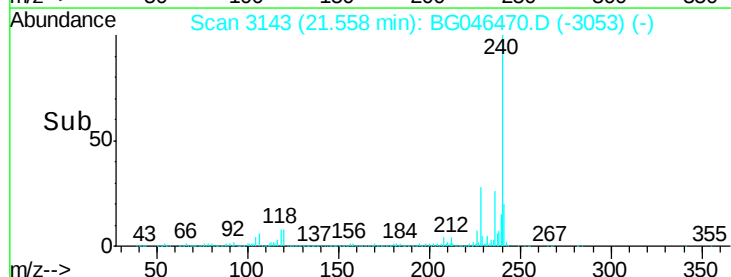
236 26.2 21.4 32.2



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: 36.506 ng

RT: 19.54 min Scan# 2799

Delta R.T. 0.00 min

Lab File: BG046470.D

Acq: 31 Aug 2020 15:08

Instrument :

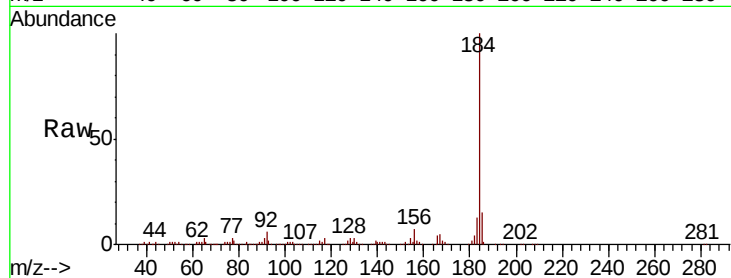
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 503951

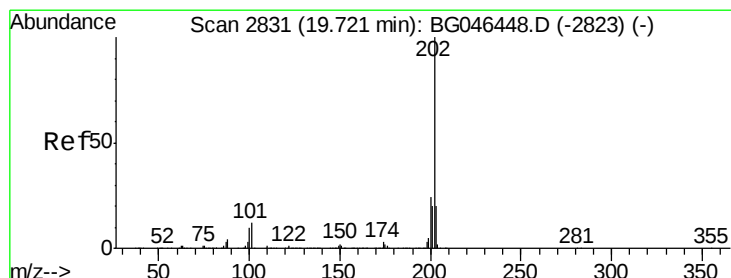
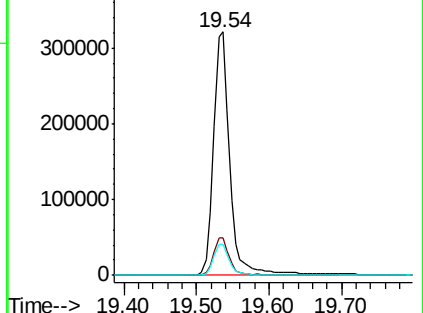
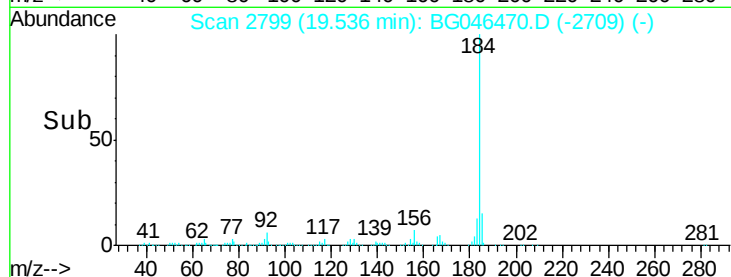
Ion	Ratio	Lower	Upper
184	100		
185	15.3	11.8	17.8
183	12.8	10.7	16.1



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: 36.489 ng

RT: 19.72 min Scan# 2830

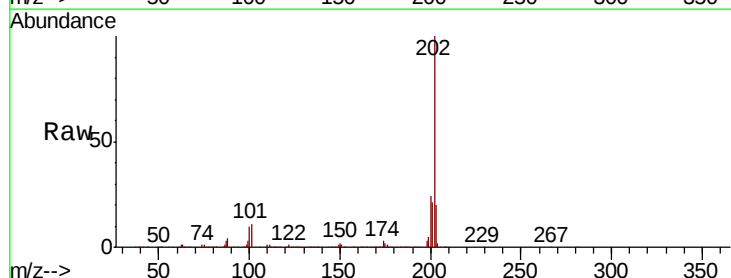
Delta R.T. 0.00 min

Lab File: BG046470.D

Acq: 31 Aug 2020 15:08

Tgt Ion:202 Resp: 1380415

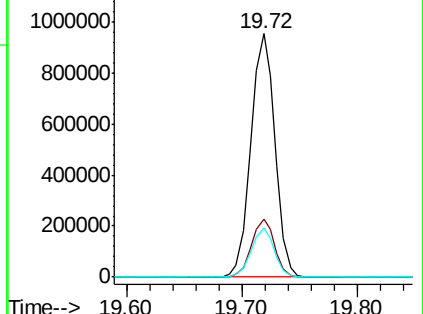
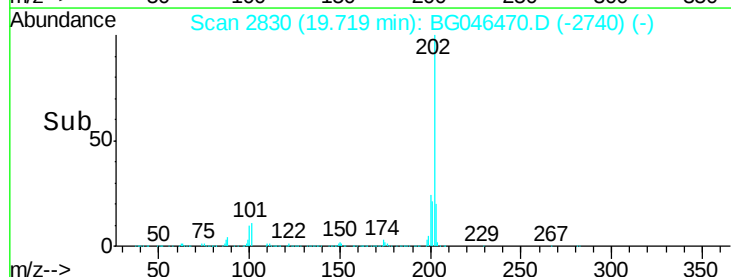
Ion	Ratio	Lower	Upper
202	100		
200	23.8	18.9	28.3
203	20.3	16.1	24.1

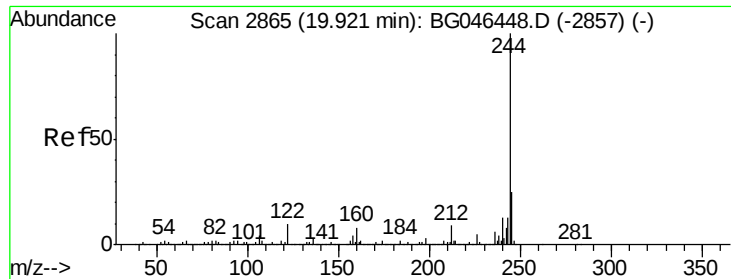


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 69.544 ng

RT: 19.92 min Scan# 2864

Delta R.T. 0.00 min

Lab File: BG046470.D

Acq: 31 Aug 2020 15:08

Instrument :

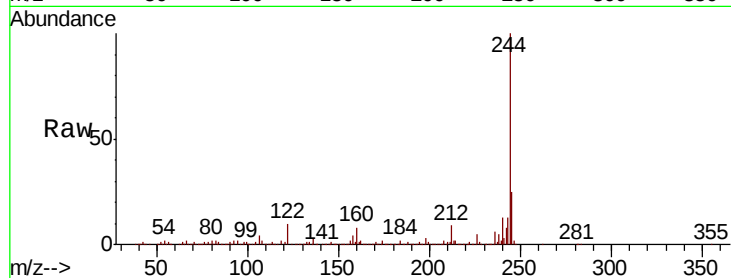
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 1941339

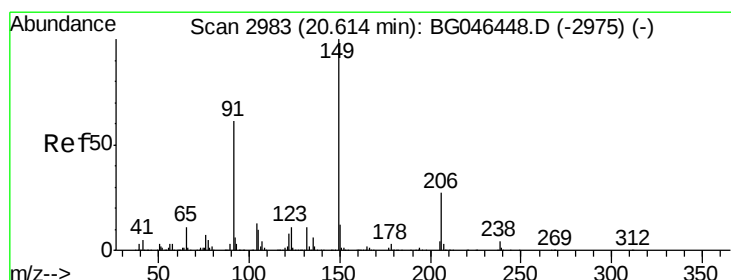
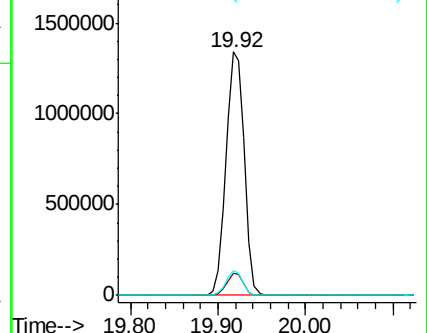
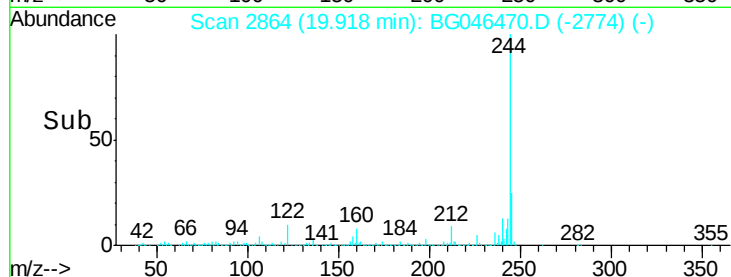
Ion	Ratio	Lower	Upper
244	100		
212	8.9	6.9	10.3
122	10.2	8.2	12.4



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: 36.572 ng

RT: 20.61 min Scan# 2982

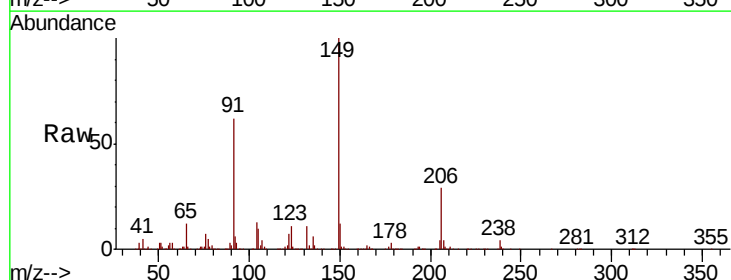
Delta R.T. 0.00 min

Lab File: BG046470.D

Acq: 31 Aug 2020 15:08

Tgt Ion:149 Resp: 539662

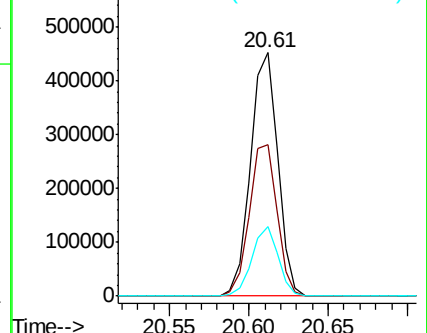
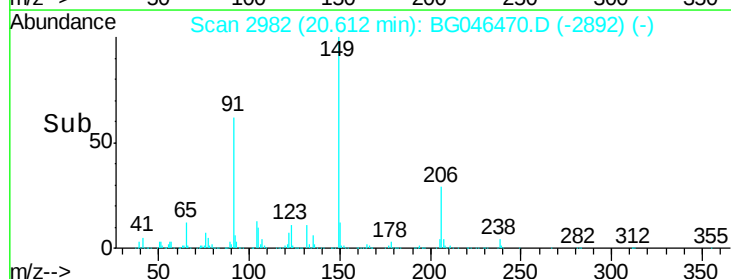
Ion	Ratio	Lower	Upper
149	100		
91	62.2	49.1	73.7
206	28.7	21.9	32.9

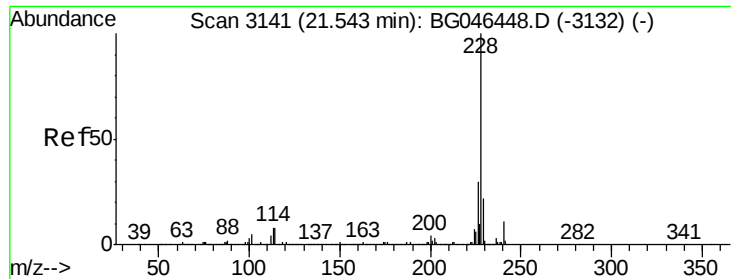


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

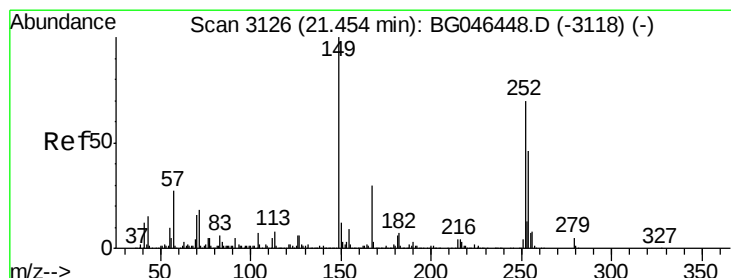
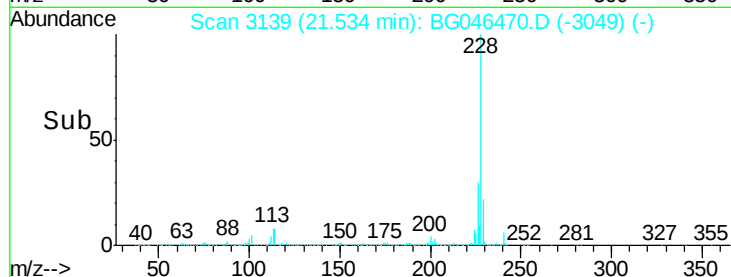
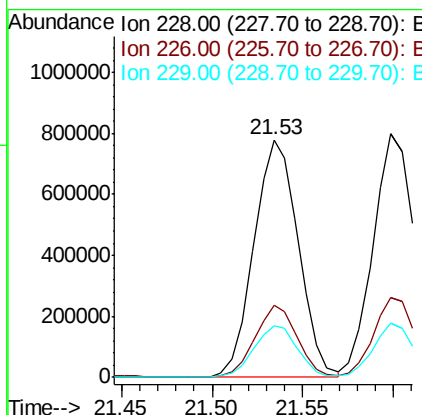
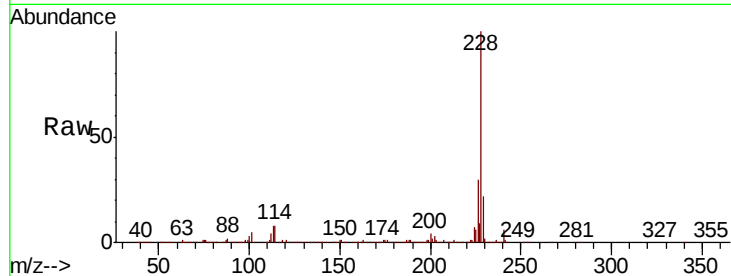




#81
Benzo(a)anthracene
Concen: 36.020 ng
RT: 21.53 min Scan# 3139
Delta R.T. 0.00 min
Lab File: BG046470.D
Acq: 31 Aug 2020 15:08

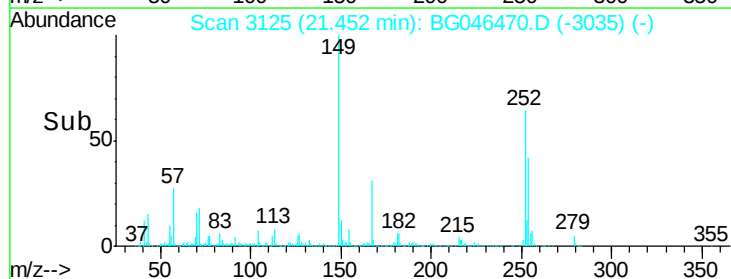
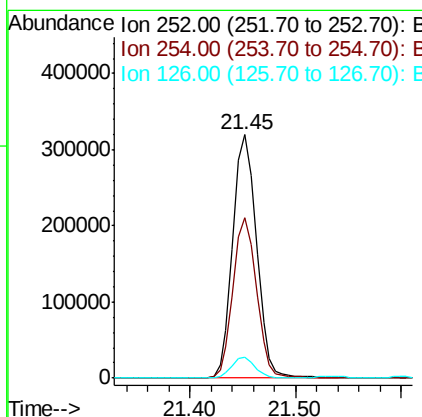
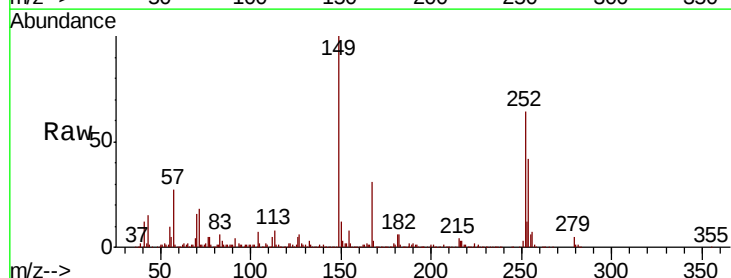
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

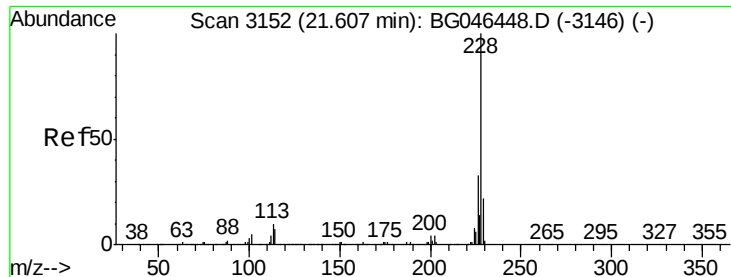
Tot Ion:228 Resp: 1333805
Ion Ratio Lower Upper
228 100
226 30.3 24.2 36.4
229 21.9 17.4 26.2



#82
3,3'-Dichlorobenzidine
Concen: 36.365 ng
RT: 21.45 min Scan# 3125
Delta R.T. 0.00 min
Lab File: BG046470.D
Acq: 31 Aug 2020 15:08

Tgt Ion:252 Resp: 499718
Ion Ratio Lower Upper
252 100
254 65.9 51.9 77.9
126 8.4 7.4 11.0





#83

Chrysene

Concen: 35.699 ng

RT: 21.60 min Scan# 3150

Delta R.T. 0.00 min

Lab File: BG046470.D

Acq: 31 Aug 2020 15:08

Instrument :

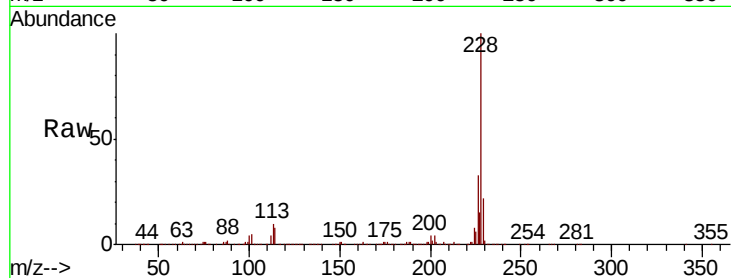
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1271567

Ion	Ratio	Lower	Upper
228	100		
226	32.6	26.2	39.4
229	22.3	17.9	26.9

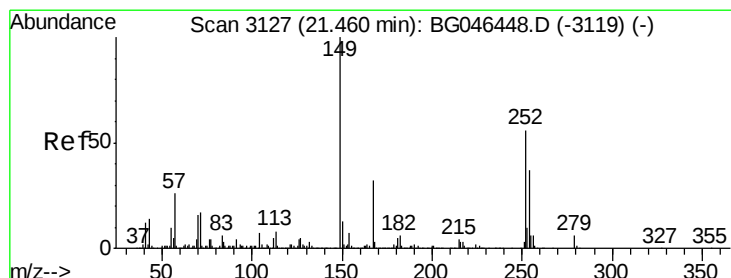
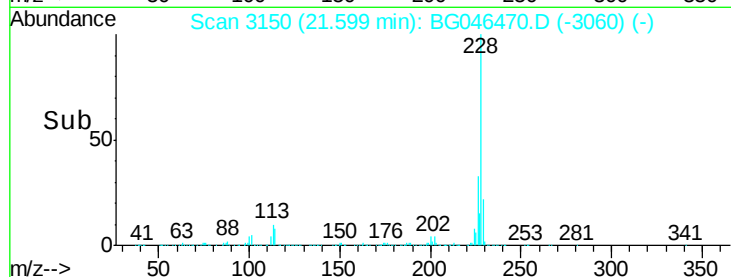
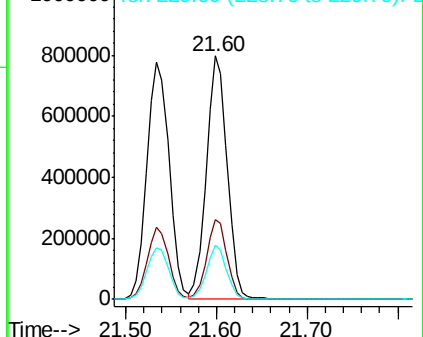


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.262 ng

RT: 21.46 min Scan# 3126

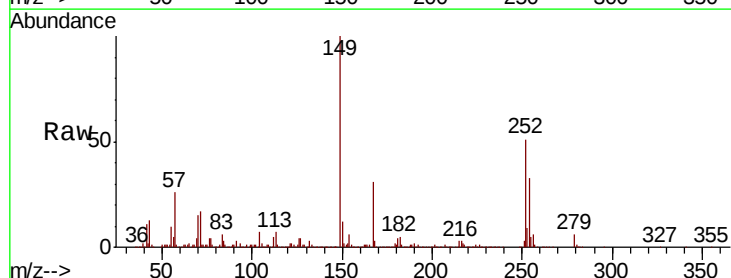
Delta R.T. 0.00 min

Lab File: BG046470.D

Acq: 31 Aug 2020 15:08

Tgt Ion:149 Resp: 730215

Ion	Ratio	Lower	Upper
149	100		
167	31.4	25.4	38.2
279	6.0	4.5	6.7

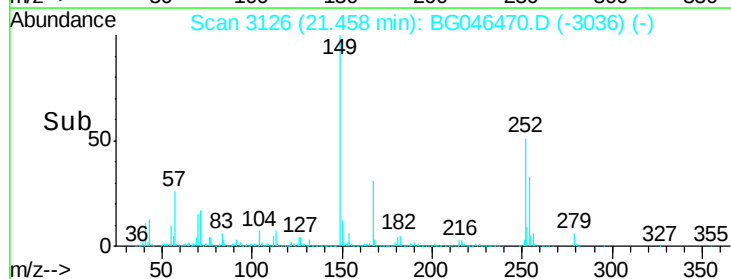
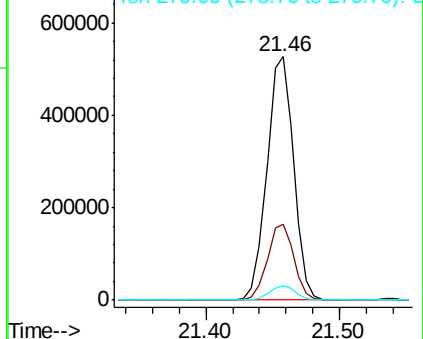


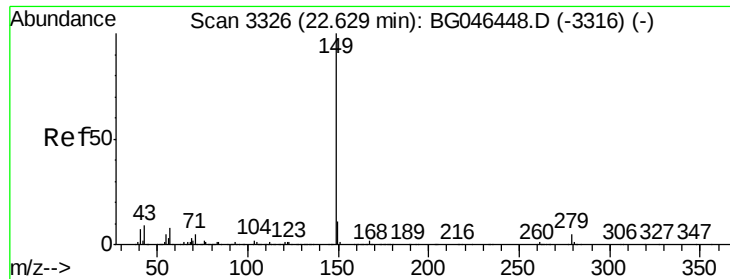
Abundance

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: 36.426 ng

RT: 22.63 min Scan# 3325

Delta R.T. 0.00 min

Lab File: BG046470.D

Acq: 31 Aug 2020 15:08

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

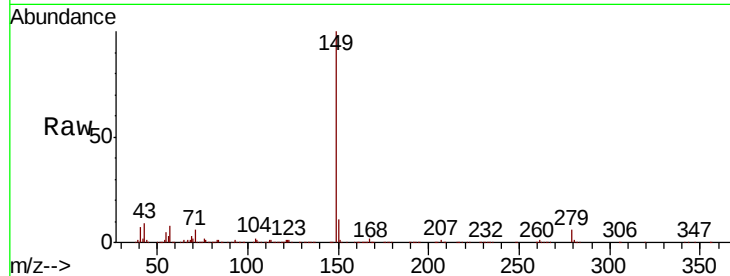
Tot Ion:149 Resp: 1255995

Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.5	2.3
43	8.7	7.0	10.4

149 100

167 1.8 1.5 2.3

43 8.7 7.0 10.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

1000000

800000

600000

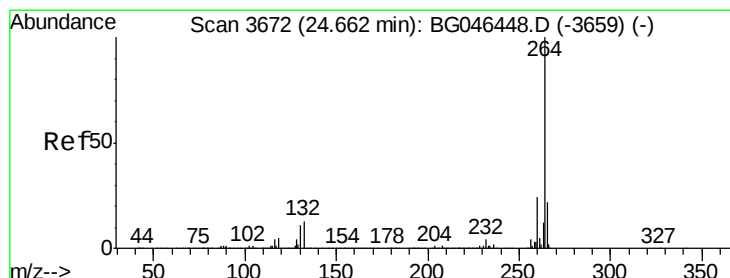
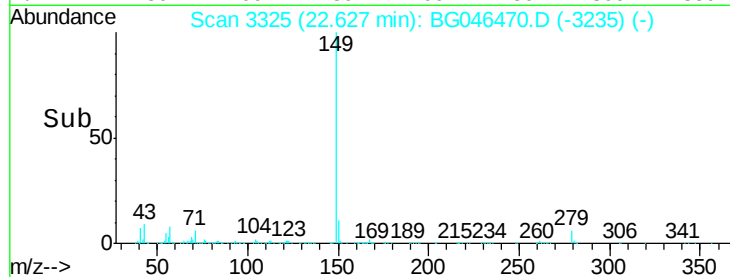
400000

200000

0

22.63

Time--> 22.50 22.60 22.70



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.65 min Scan# 3670

Delta R.T. 0.00 min

Lab File: BG046470.D

Acq: 31 Aug 2020 15:08

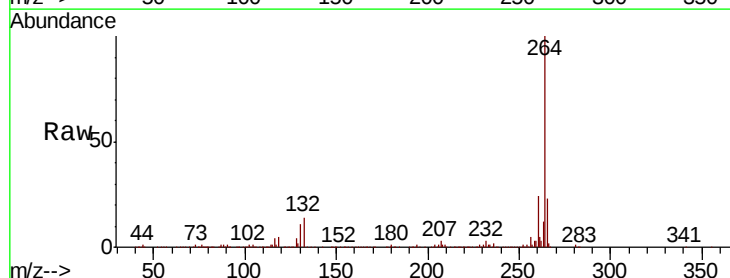
Tgt Ion:264 Resp: 629625

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.8	17.9	26.9

264 100

260 23.6 19.2 28.8

265 22.8 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

300000

250000

200000

150000

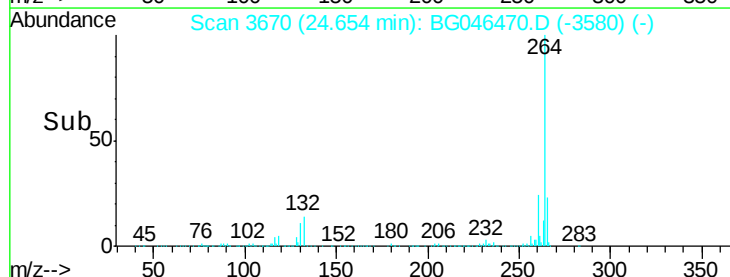
100000

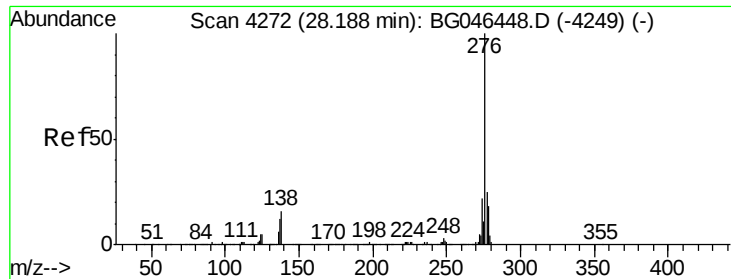
50000

0

24.65

Time--> 24.50 24.60 24.70 24.80

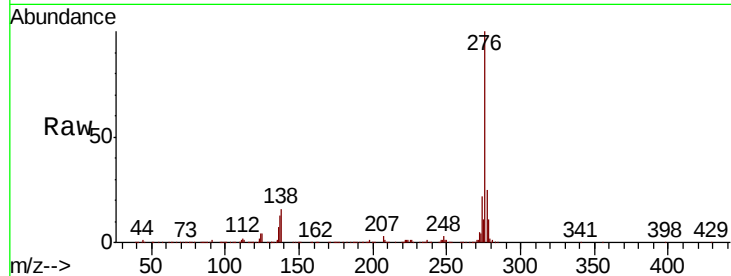




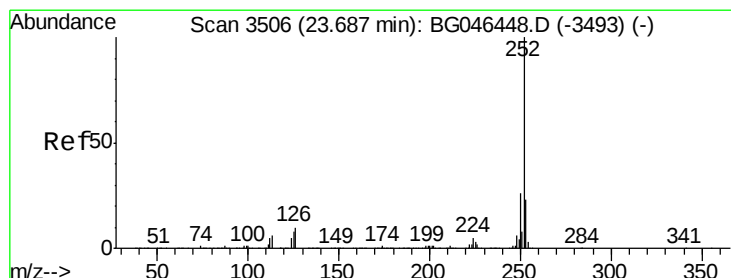
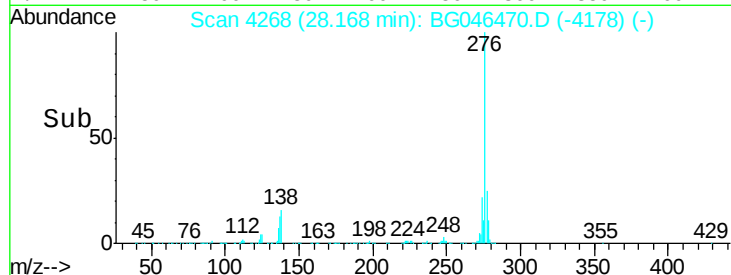
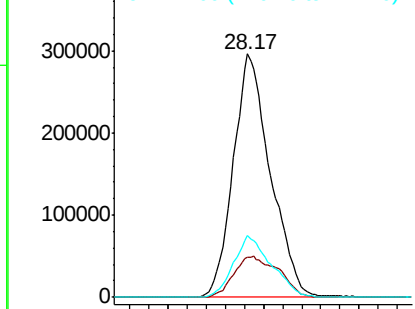
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 35.239 ng
 RT: 28.17 min Scan# 4268
 Delta R.T. 0.00 min
 Lab File: BG046470.D
 Acq: 31 Aug 2020 15:08

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:276 Resp: 1593538
 Ion Ratio Lower Upper
 276 100
 138 20.5 16.5 24.7
 277 25.8 20.7 31.1

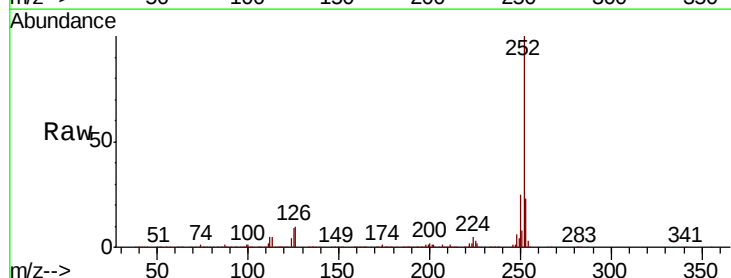


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

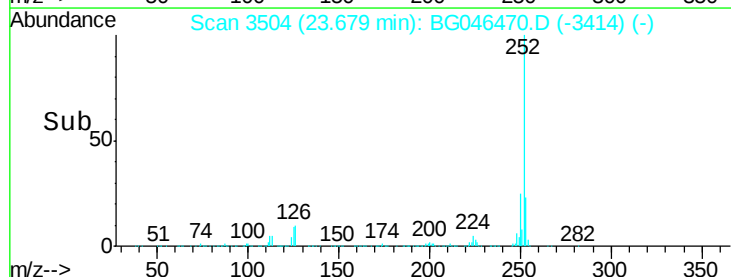
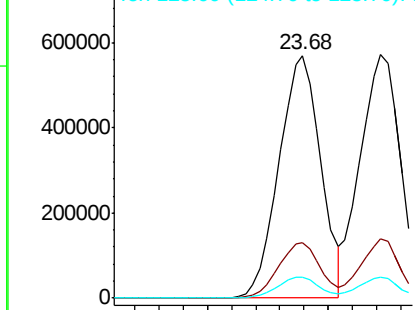


#88
 Benzo(b)fluoranthene
 Concen: 34.643 ng
 RT: 23.68 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: BG046470.D
 Acq: 31 Aug 2020 15:08

Tgt Ion:252 Resp: 1361994
 Ion Ratio Lower Upper
 252 100
 253 23.0 18.2 27.4
 125 8.5 6.2 9.2



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

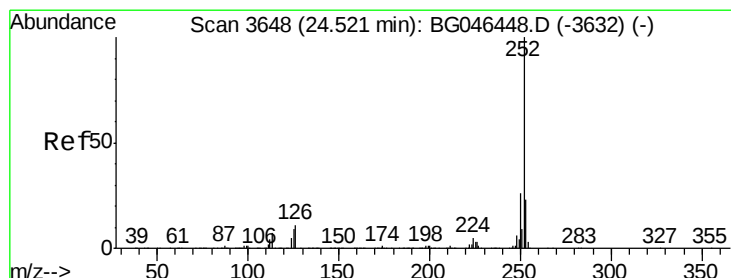
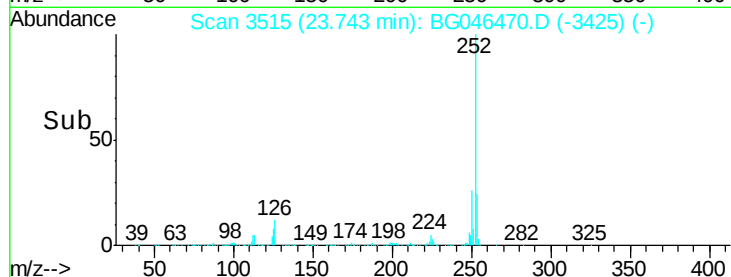
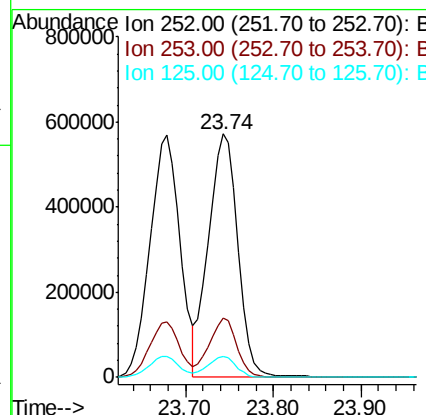
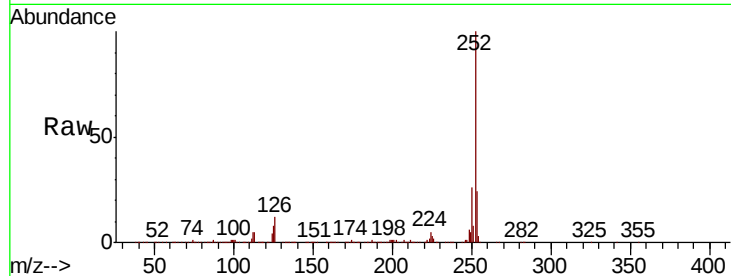




#89
Benzo(k)fluoranthene
Concen: 35.052 ng
RT: 23.74 min Scan# 3515
Delta R.T. 0.00 min
Lab File: BG046470.D
Acq: 31 Aug 2020 15:08

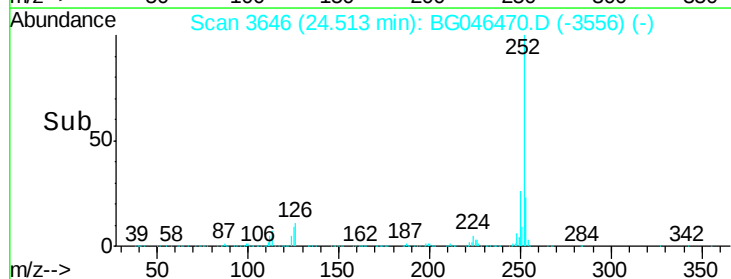
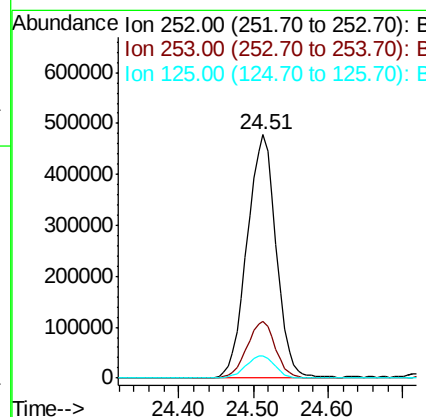
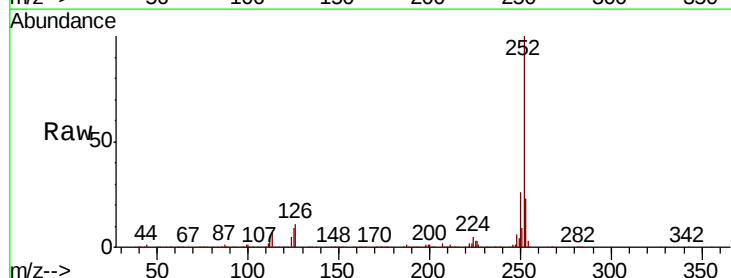
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 1331828
Ion Ratio Lower Upper
252 100
253 24.3 18.5 27.7
125 8.5 6.8 10.2



#90
Benzo(a)pyrene
Concen: 35.179 ng
RT: 24.51 min Scan# 3646
Delta R.T. 0.00 min
Lab File: BG046470.D
Acq: 31 Aug 2020 15:08

Tgt Ion:252 Resp: 1290685
Ion Ratio Lower Upper
252 100
253 23.4 18.2 27.4
125 9.3 7.4 11.0



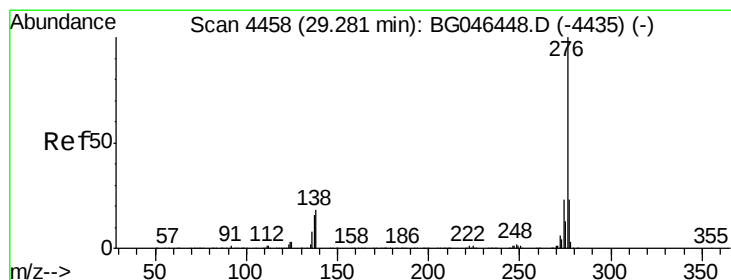
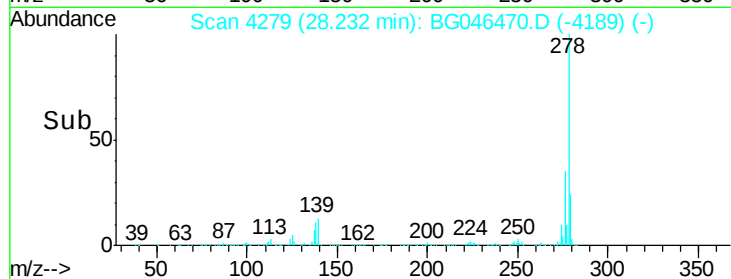
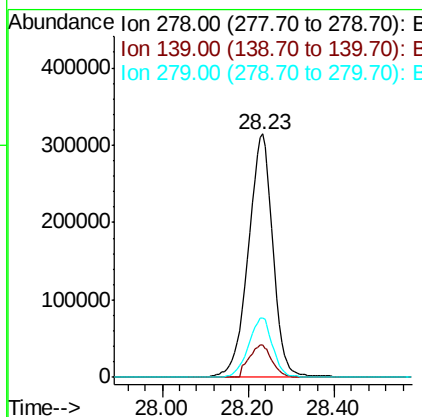
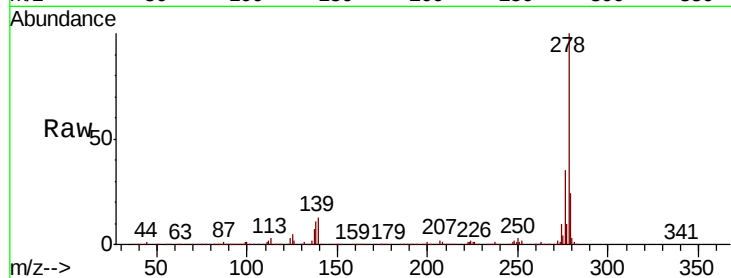


#91
Dibenzo(a,h)anthracene
Concen: 35.136 ng
RT: 28.23 min Scan# 4279
Delta R.T. 0.00 min
Lab File: BG046470.D
Acq: 31 Aug 2020 15:08

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:278 Resp: 1282177

Ion	Ratio	Lower	Upper
278	100		
139	13.2	11.2	16.8
279	24.4	19.8	29.8



#92
Benzo(g,h,i)perylene
Concen: 35.365 ng
RT: 29.27 min Scan# 4455
Delta R.T. 0.00 min
Lab File: BG046470.D
Acq: 31 Aug 2020 15:08

Tgt Ion:276 Resp: 1288701

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.7	28.1
138	17.6	14.7	22.1

