

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070920\
 Data File : BG045987.D
 Acq On : 9 Jul 2020 9:02
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 09 11:10:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 07 09:58:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	153424	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	594099	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	347468	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	698862	20.00	ng	0.00
76) Chrysene-d12	21.63	240	591949	20.00	ng	0.00
86) Perylene-d12	24.78	264	615860	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	720250	76.13	ng	0.00
7) Phenol-d6	7.17	99	1053444	77.34	ng	0.00
23) Nitrobenzene-d5	9.16	82	922771	89.40	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	255978	79.38	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1737640	78.00	ng	0.00
79) Terphenyl-d14	19.98	244	2064497	77.62	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.51	88	175688	40.251	ng	98
3) Pyridine	3.90	79	528506	40.044	ng	99
4) n-Nitrosodimethylamine	3.81	42	187289	41.966	ng	# 95
6) Aniline	7.33	93	665761	38.208	ng	99
8) 2-Chlorophenol	7.57	128	381919	37.500	ng	97
9) Benzaldehyde	7.14	77	317693	36.813	ng	98
10) Phenol	7.19	94	529953	38.786	ng	99
11) bis(2-Chloroethyl)ether	7.42	93	442092	39.128	ng	99
12) 1,3-Dichlorobenzene	7.90	146	450508	38.377	ng	99
13) 1,4-Dichlorobenzene	8.04	146	443242	38.383	ng	98
14) 1,2-Dichlorobenzene	8.36	146	424039	38.153	ng	98
15) Benzyl Alcohol	8.23	79	399607	37.416	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.53	45	579510	39.311	ng	97
17) 2-Methylphenol	8.44	107	393445	38.376	ng	98
18) Hexachloroethane	9.09	117	172249	38.766	ng	95
19) n-Nitroso-di-n-propylamine	8.81	70	369118	38.575	ng	100
20) 3+4-Methylphenols	8.77	107	537637	38.477	ng	99
22) Acetophenone	8.82	105	607992	38.308	ng	98
24) Nitrobenzene	9.20	77	507298	44.529	ng	99
25) Isophorone	9.73	82	978875	38.848	ng	98
26) 2-Nitrophenol	9.91	139	170892	46.021	ng	97
27) 2,4-Dimethylphenol	9.97	122	335094	37.361	ng	98
28) bis(2-Chloroethoxy)methane	10.21	93	554405	39.182	ng	97
29) 2,4-Dichlorophenol	10.44	162	362344	39.026	ng	97
30) 1,2,4-Trichlorobenzene	10.67	180	395039	38.400	ng	96
31) Naphthalene	10.85	128	1232991	38.714	ng	99
32) Benzoic acid	10.10	122	213368	40.179	ng	94
33) 4-Chloroaniline	10.95	127	540042	37.946	ng	99
34) Hexachlorobutadiene	11.15	225	232018	38.627	ng	99
35) Caprolactam	11.72	113	133078	37.751	ng	96
36) 4-Chloro-3-methylphenol	12.07	107	409395	38.714	ng	100
37) 2-Methylnaphthalene	12.46	142	879901	38.865	ng	99
38) 1-Methylnaphthalene	12.68	142	823837	38.558	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	389051	39.720	ng	99

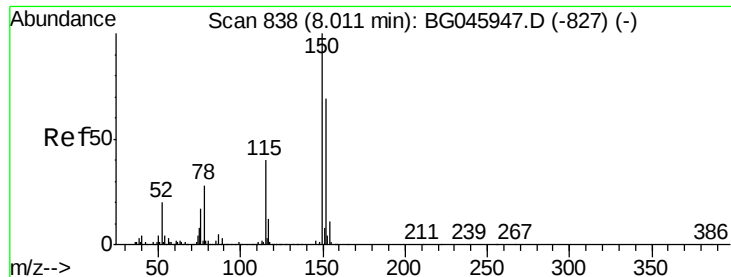
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070920\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	219476	37.763	ng	96
43) 2,4,6-Trichlorophenol	13.06	196	263003	39.703	ng	98
44) 2,4,5-Trichlorophenol	13.13	196	303906	40.576	ng	99
46) 1,1'-Biphenyl	13.46	154	1034051	39.560	ng	99
47) 2-Chloronaphthalene	13.50	162	800117	38.796	ng	99
48) 2-Nitroaniline	13.70	65	273867	47.413	ng	97
49) Acenaphthylene	14.35	152	1281349	38.508	ng	100
50) Dimethylphthalate	14.09	163	990663	37.990	ng	99
51) 2,6-Dinitrotoluene	14.19	165	210557	45.342	ng	100
52) Acenaphthene	14.70	154	819708	39.056	ng	99
53) 3-Nitroaniline	14.52	138	252409	44.347	ng	# 93
54) 2,4-Dinitrophenol	14.72	184	67439	41.810	ng	# 77
55) Dibenzofuran	15.03	168	1188685	38.636	ng	99
56) 4-Nitrophenol	14.82	139	191081	44.977	ng	98
57) 2,4-Dinitrotoluene	14.98	165	274969	46.110	ng	94
58) Fluorene	15.68	166	947688	37.549	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.25	232	231445	40.023	ng	91
60) Diethylphthalate	15.45	149	1016827	37.182	ng	99
61) 4-Chlorophenyl-phenylether	15.67	204	479396	38.180	ng	99
62) 4-Nitroaniline	15.68	138	250343	46.450	ng	90
63) Azobenzene	15.97	77	1132963	38.599	ng	99
65) 4,6-Dinitro-2-methylphenol	15.74	198	102131	43.229	ng	97
66) n-Nitrosodiphenylamine	15.88	169	834820	38.548	ng	99
67) 4-Bromophenyl-phenylether	16.56	248	301596	38.640	ng	98
68) Hexachlorobenzene	16.68	284	297920	38.037	ng	95
69) Atrazine	16.83	200	240261	37.523	ng	97
70) Pentachlorophenol	17.02	266	174205	40.004	ng	98
71) Phenanthrene	17.41	178	1422656	38.505	ng	99
72) Anthracene	17.50	178	1426439	38.043	ng	99
73) Carbazole	17.77	167	1421061	37.811	ng	99
74) Di-n-butylphthalate	18.34	149	1687244	37.151	ng	99
75) Fluoranthene	19.42	202	1614295	37.796	ng	98
77) Benzidine	19.60	184	743219	43.912	ng	99
78) Pyrene	19.78	202	1629967	40.339	ng	99
80) Butylbenzylphthalate	20.68	149	761392	39.875	ng	96
81) Benzo(a)anthracene	21.61	228	1492476	38.345	ng	100
82) 3,3'-Dichlorobenzidine	21.52	252	547476	38.065	ng	99
83) Chrysene	21.68	228	1409066	38.000	ng	98
84) Bis(2-ethylhexyl)phthalate	21.55	149	1071652	38.664	ng	97
85) Di-n-octyl phthalate	22.75	149	1833549	38.120	ng	100
87) Indeno(1,2,3-cd)pyrene	28.36	276	1787470	39.673	ng	99
88) Benzo(b)fluoranthene	23.79	252	1565953	40.055	ng	98
89) Benzo(k)fluoranthene	23.86	252	1460541	39.509	ng	99
90) Benzo(a)pyrene	24.64	252	1463686	39.814	ng	100
91) Dibenzo(a,h)anthracene	28.44	278	1413525	38.898	ng	98
92) Benzo(g,h,i)perylene	29.48	276	1429519	39.090	ng	99

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

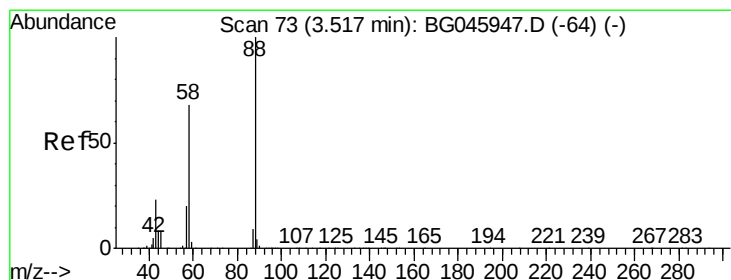
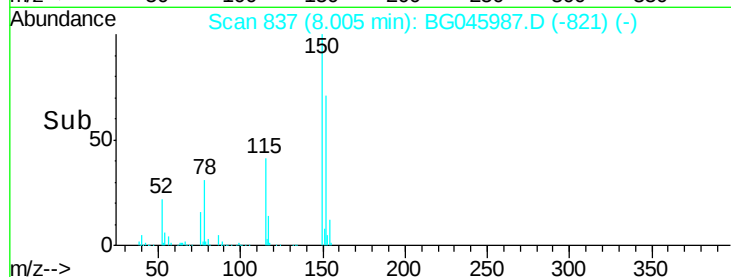
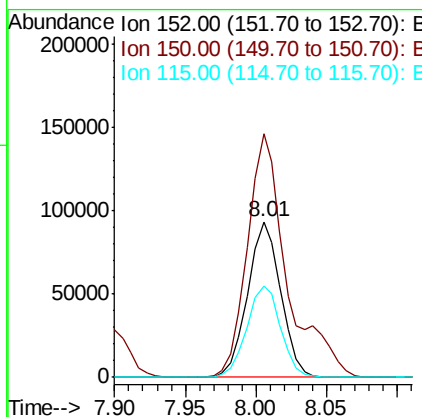
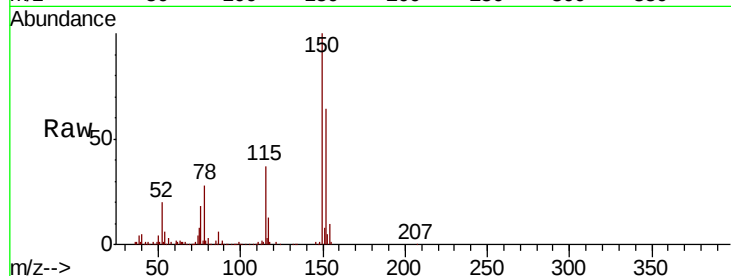


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG045987.D
Acq: 9 Jul 2020 9:02

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

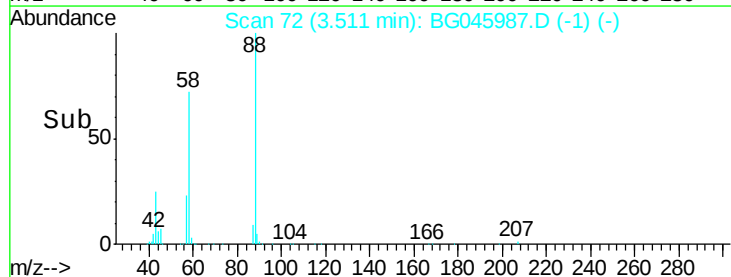
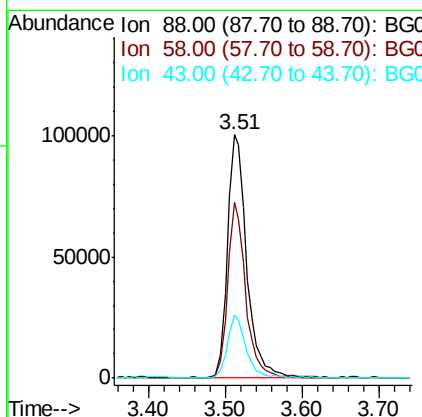
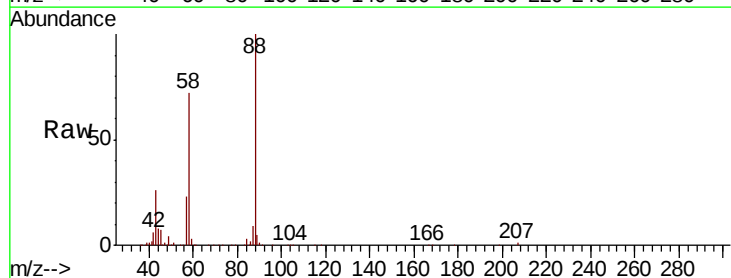
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	116.7	175.1
115	58.6	47.4	71.0

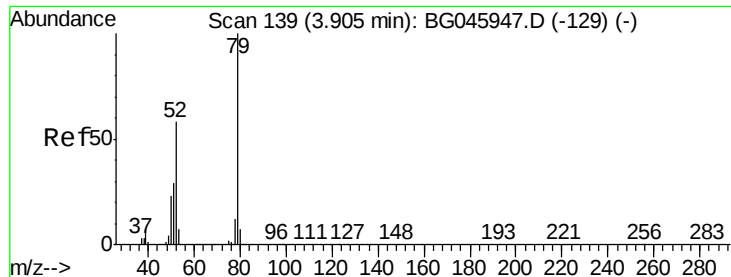


#2

1,4-Dioxane
Concen: 40.251 ng
RT: 3.51 min Scan# 72
Delta R.T. -0.01 min
Lab File: BG045987.D
Acq: 9 Jul 2020 9:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.3	55.2	82.8
43	25.4	19.4	29.0





#3

Pvridine

Concen: 40.044 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.00 min

Lab File: BG045987.D

Acq: 9 Jul 2020 9:02

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

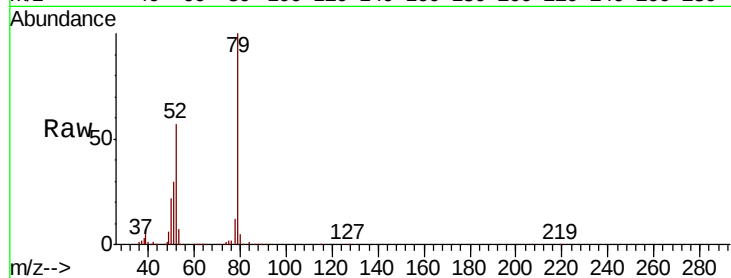
Tot Ion: 79 Resp: 528506

Ion Ratio Lower Upper

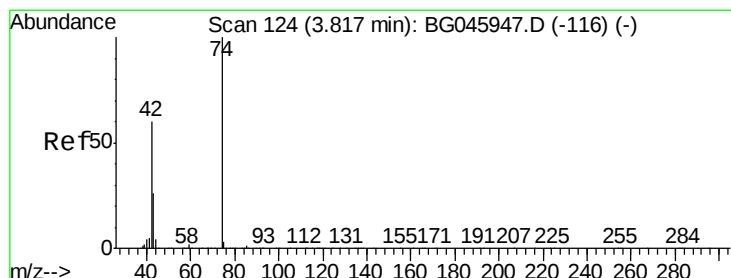
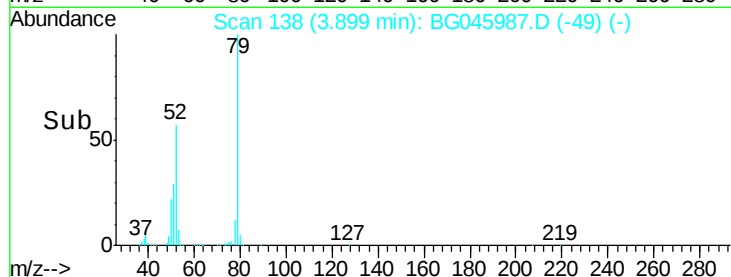
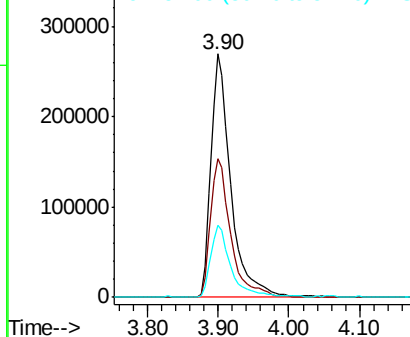
79 100

52 57.0 46.5 69.7

51 29.5 23.5 35.3



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: 41.966 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.01 min

Lab File: BG045987.D

Acq: 9 Jul 2020 9:02

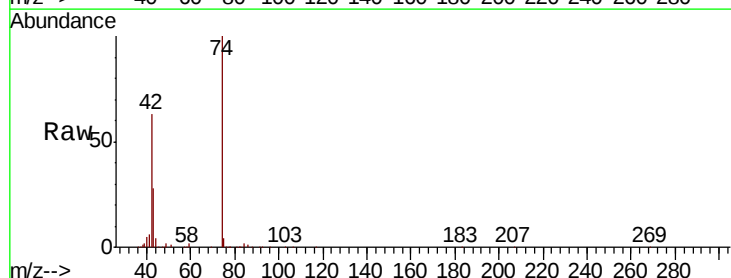
Tgt Ion: 42 Resp: 187289

Ion Ratio Lower Upper

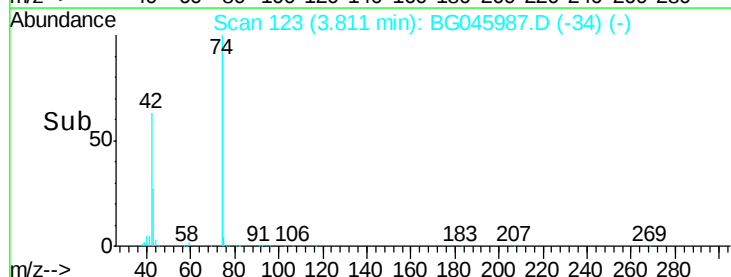
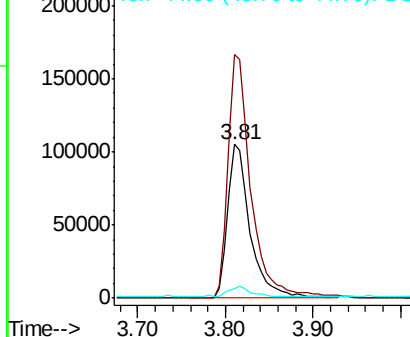
42 100

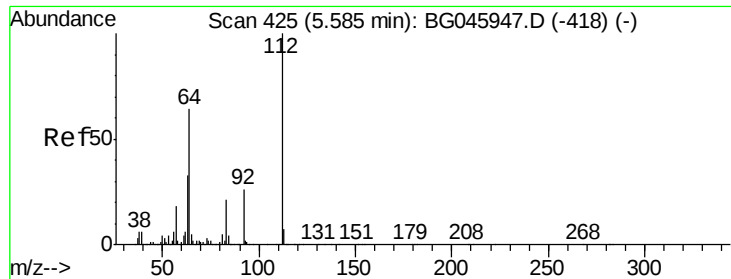
74 158.3 131.9 197.9

44 6.3 7.7 11.5#



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: 76.129 ng

RT: 5.59 min Scan# 425

Delta R.T. 0.00 min

Lab File: BG045987.D

Acq: 9 Jul 2020 9:02

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

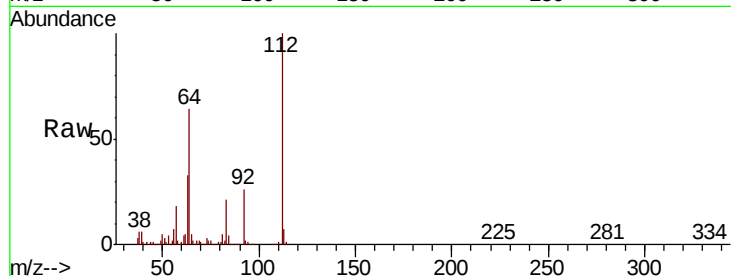
Tot Ion:112 Resp: 720250

Ion Ratio Lower Upper

112 100

64 64.4 51.4 77.2

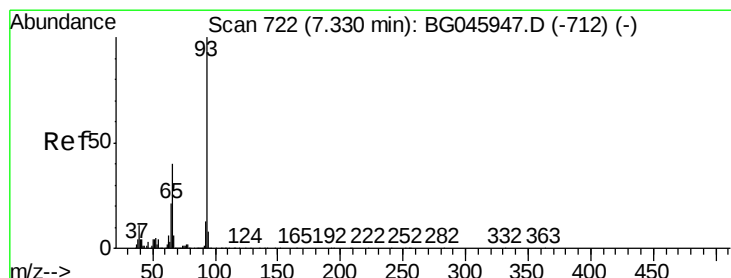
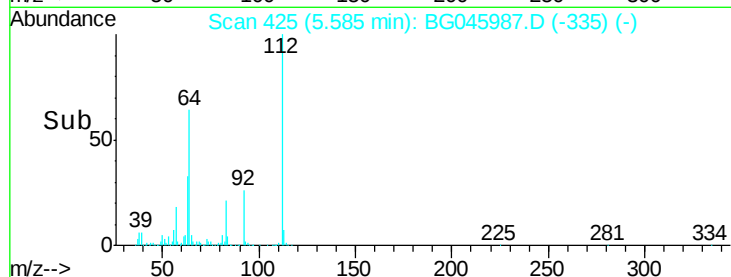
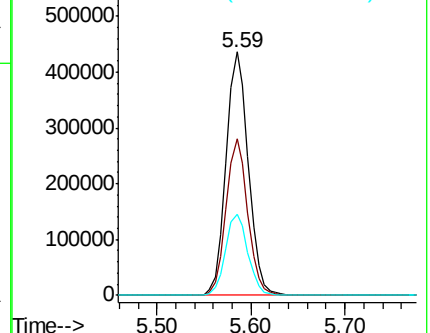
63 33.4 26.6 40.0



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 38.208 ng

RT: 7.33 min Scan# 722

Delta R.T. 0.00 min

Lab File: BG045987.D

Acq: 9 Jul 2020 9:02

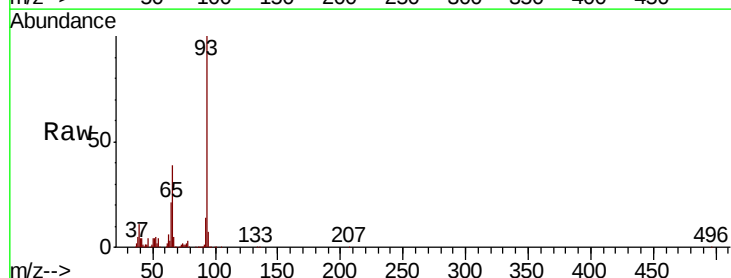
Tgt Ion: 93 Resp: 665761

Ion Ratio Lower Upper

93 100

66 39.4 32.3 48.5

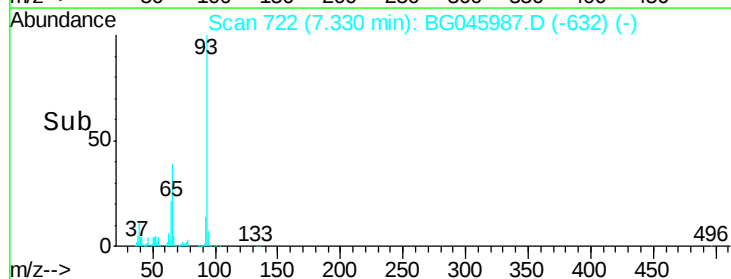
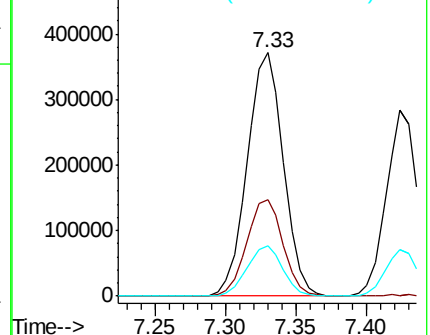
65 20.8 16.6 25.0

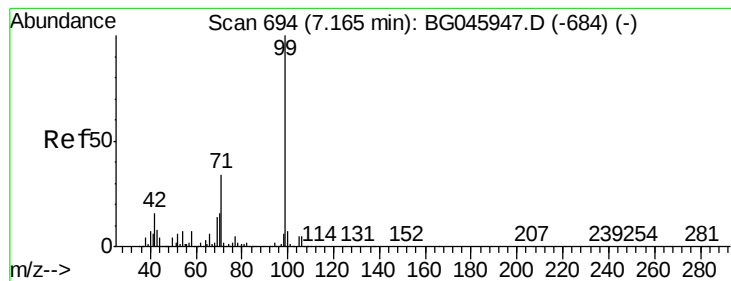


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 77.340 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG045987.D

Acq: 9 Jul 2020 9:02

Instrument :

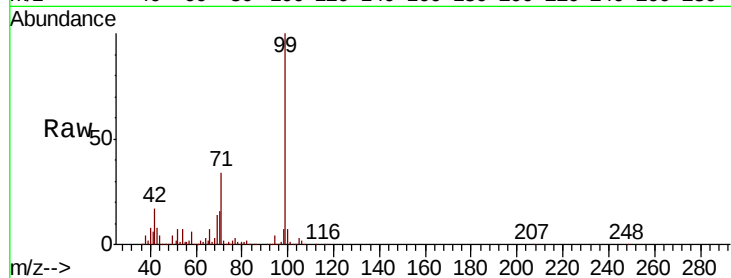
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1053444

Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.0	19.4
71	33.5	27.5	41.3

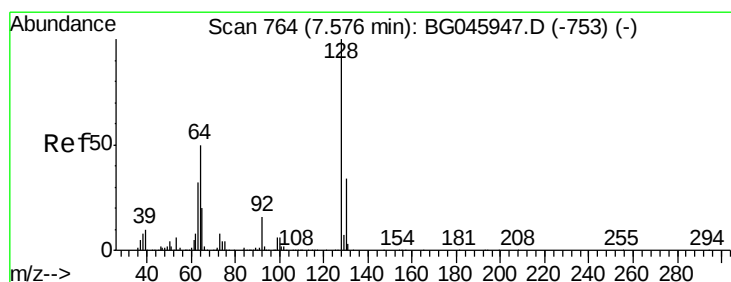
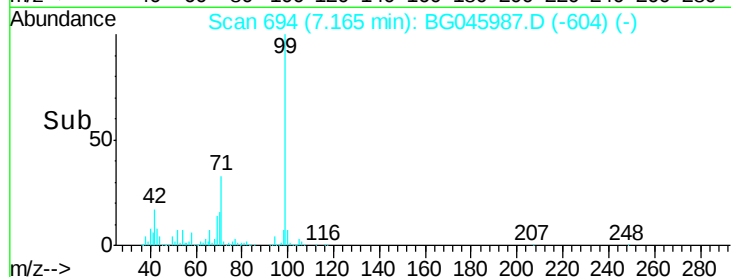
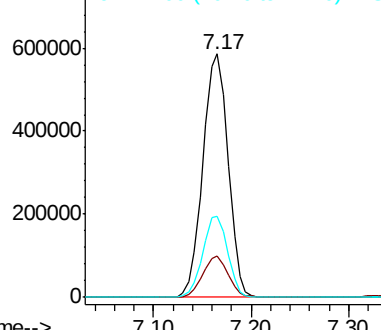


Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 37.500 ng

RT: 7.57 min Scan# 763

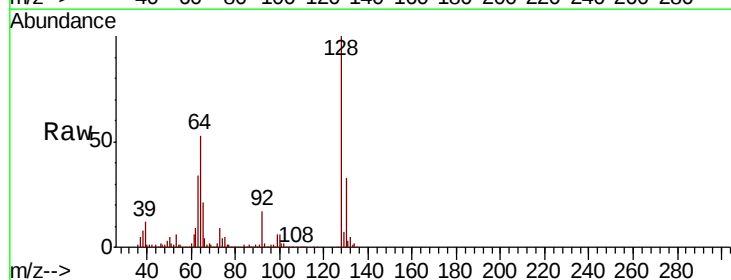
Delta R.T. -0.01 min

Lab File: BG045987.D

Acq: 9 Jul 2020 9:02

Tgt Ion: 128 Resp: 381919

Ion	Ratio	Lower	Upper
128	100		
130	33.0	13.6	53.6
64	53.4	30.6	70.6

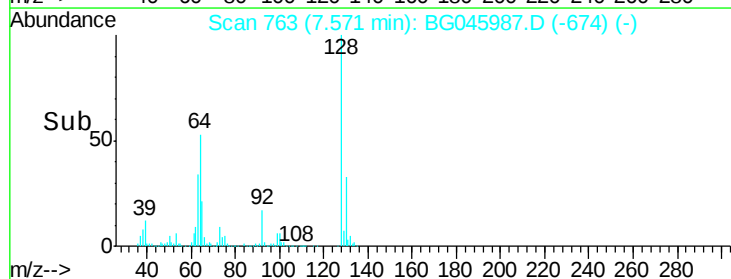
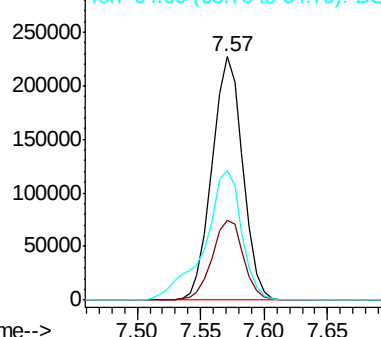


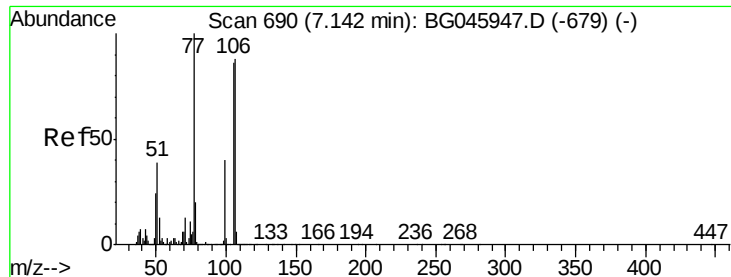
Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 36.813 ng

RT: 7.14 min Scan# 690

Delta R.T. 0.00 min

Lab File: BG045987.D

Acq: 9 Jul 2020 9:02

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

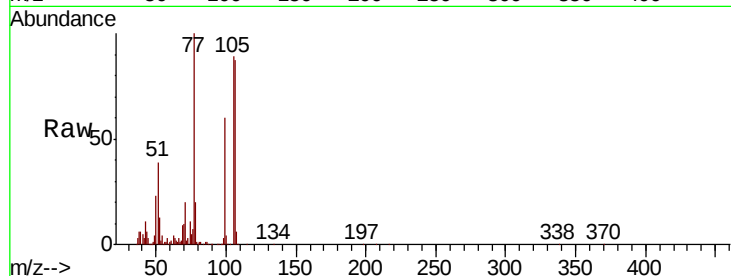
Tot Ion: 77 Resp: 317693

Ion Ratio Lower Upper

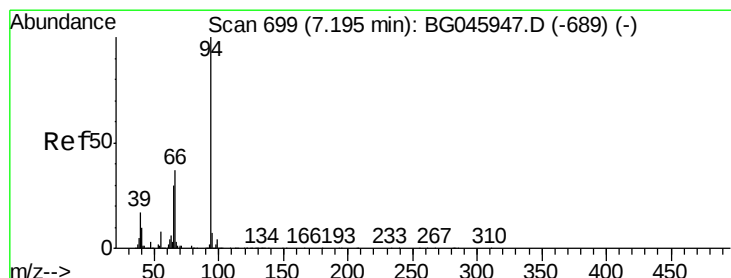
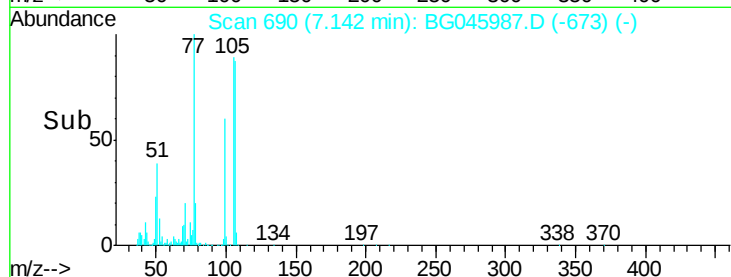
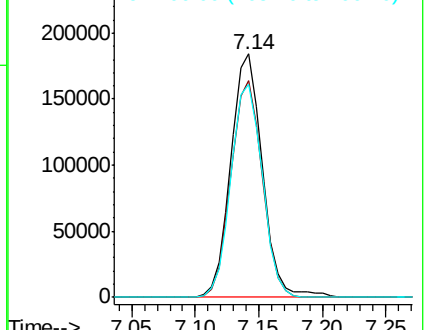
77 100

105 88.9 66.0 106.0

106 87.4 67.7 107.7



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 38.786 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG045987.D

Acq: 9 Jul 2020 9:02

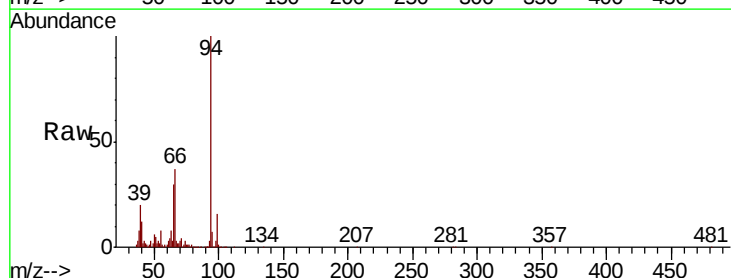
Tgt Ion: 94 Resp: 529953

Ion Ratio Lower Upper

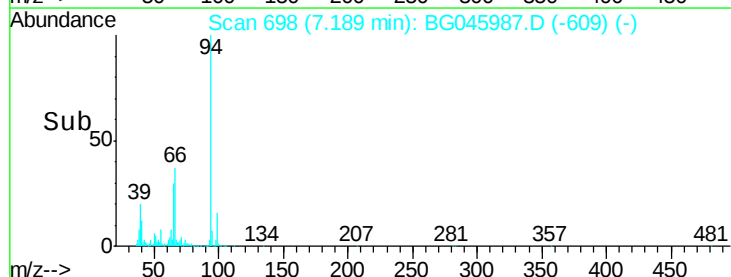
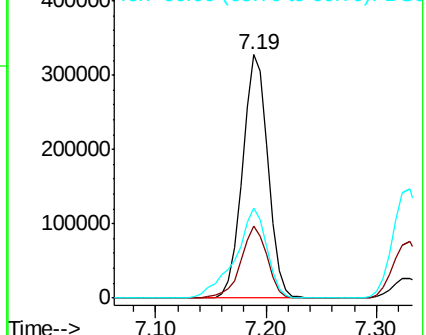
94 100

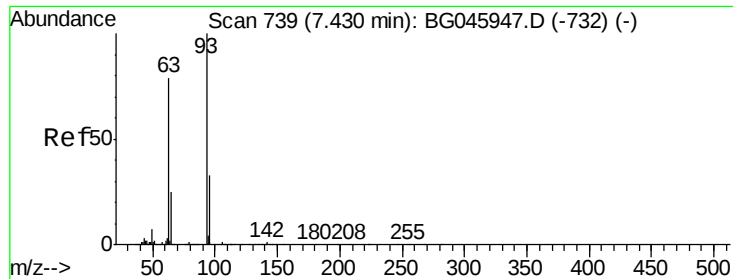
65 29.9 10.6 50.6

66 36.7 17.1 57.1



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

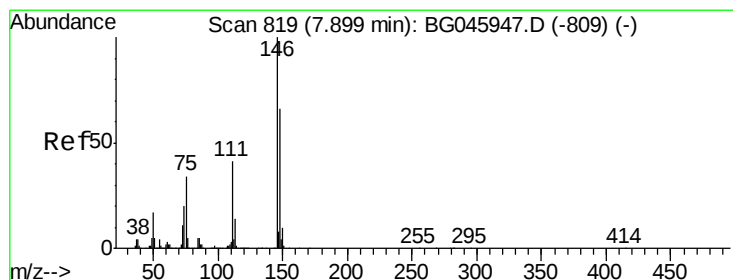
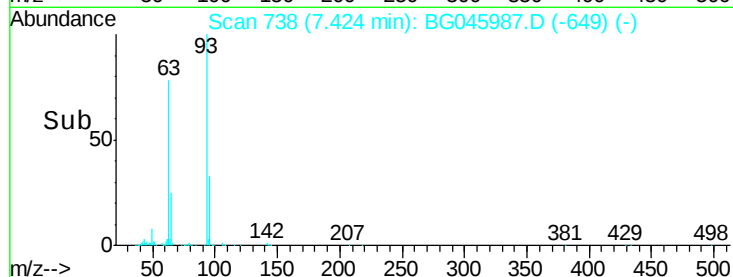
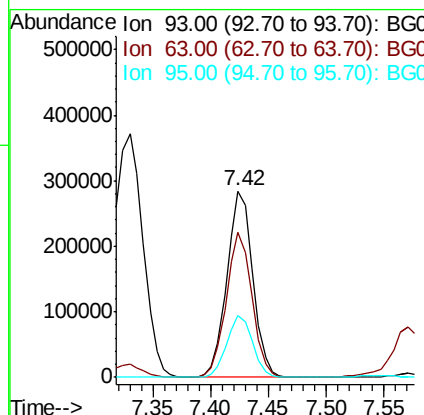
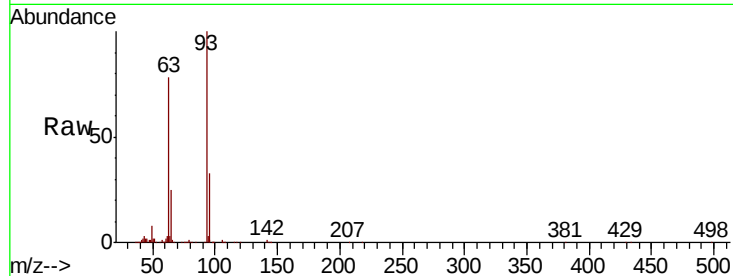




#11
 bis(2-Chloroethyl)ether
 Concen: 39.128 ng
 RT: 7.42 min Scan# 738
 Delta R.T. -0.01 min
 Lab File: BG045987.D
 Acq: 9 Jul 2020 9:02

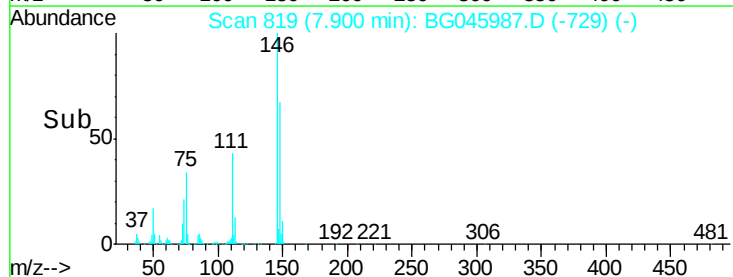
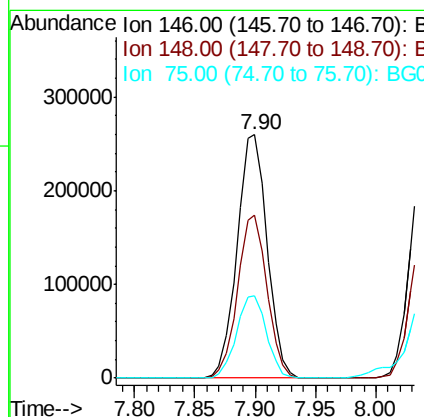
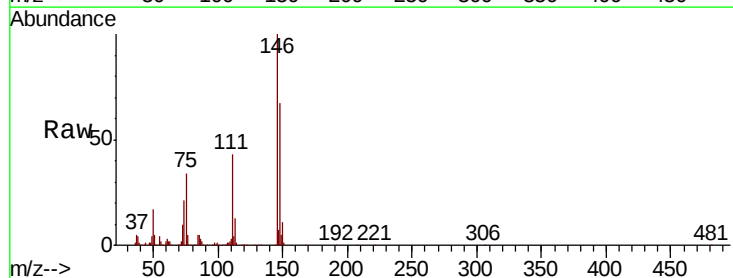
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

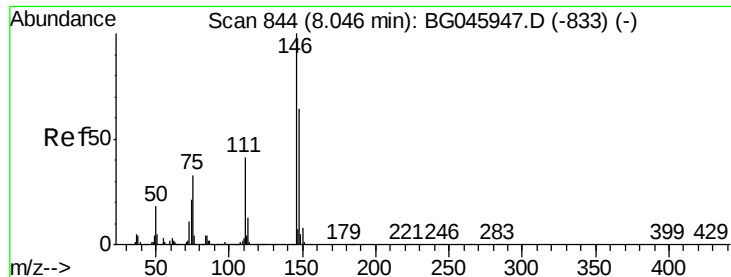
Tot Ion	Ratio	Lower	Upper
93	100		
63	77.6	58.6	98.6
95	32.9	13.3	53.3



#12
 1,3-Dichlorobenzene
 Concen: 38.377 ng
 RT: 7.90 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BG045987.D
 Acq: 9 Jul 2020 9:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.0	52.8	79.2
75	34.0	27.2	40.8

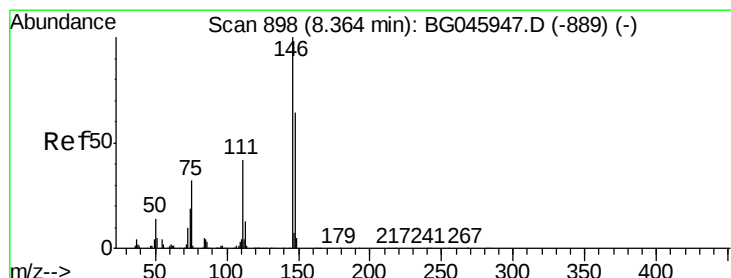
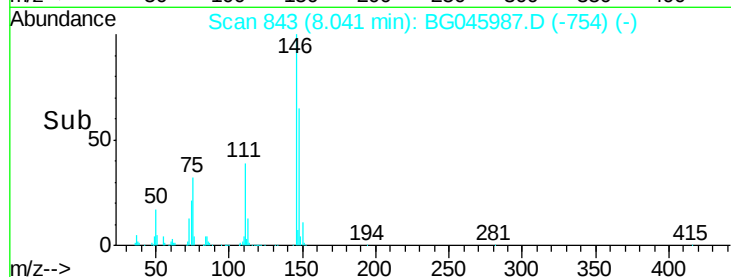
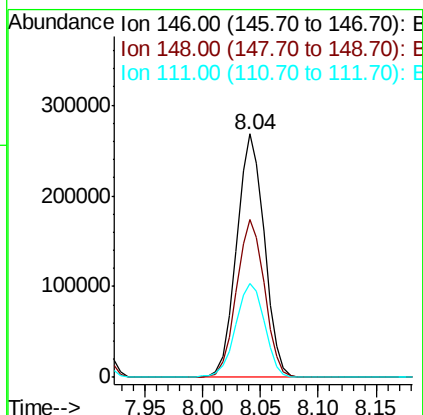
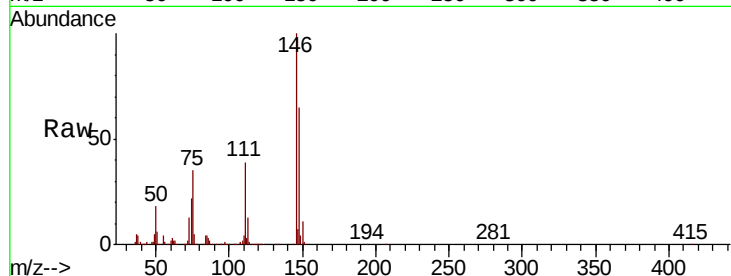




#13
 1,4-Dichlorobenzene
 Concen: 38.383 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BG045987.D
 Acq: 9 Jul 2020 9:02

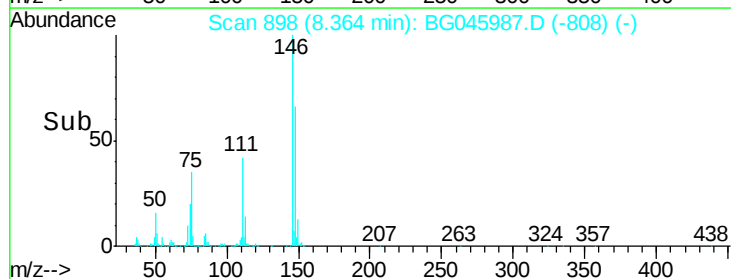
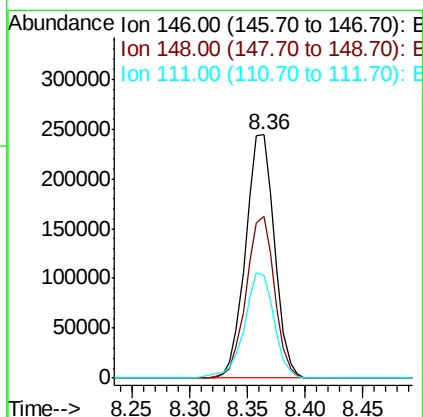
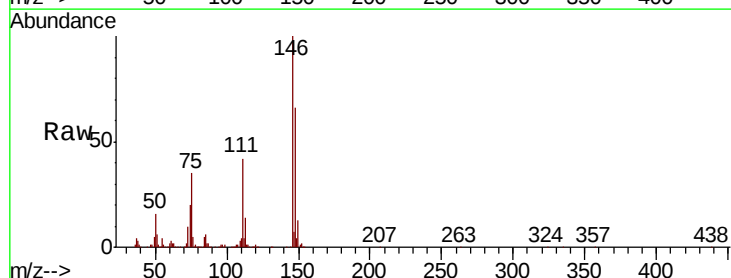
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

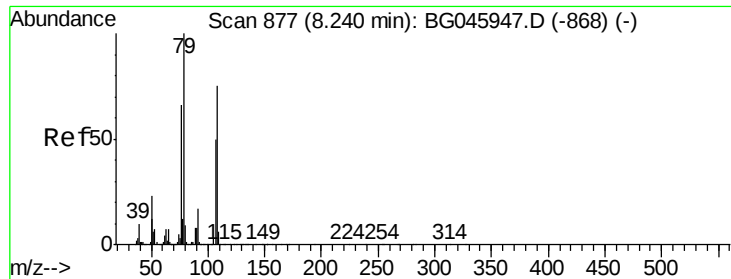
Tot Ion:146 Resp: 443242
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.7 77.5
 111 38.8 33.3 49.9



#14
 1,2-Dichlorobenzene
 Concen: 38.153 ng
 RT: 8.36 min Scan# 898
 Delta R.T. 0.00 min
 Lab File: BG045987.D
 Acq: 9 Jul 2020 9:02

Tgt Ion:146 Resp: 424039
 Ion Ratio Lower Upper
 146 100
 148 66.2 51.6 77.4
 111 42.2 34.0 51.0





#15

Benzyl Alcohol

Concen: 37.416 ng

RT: 8.23 min Scan# 876

Delta R.T. -0.01 min

Lab File: BG045987.D

Acq: 9 Jul 2020 9:02

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

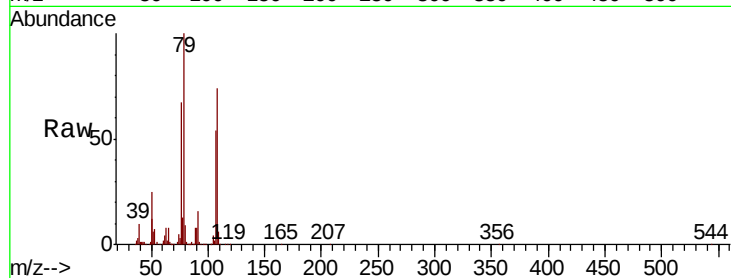
Tot Ion: 79 Resp: 399607

Ion Ratio Lower Upper

79 100

108 73.8 60.2 90.4

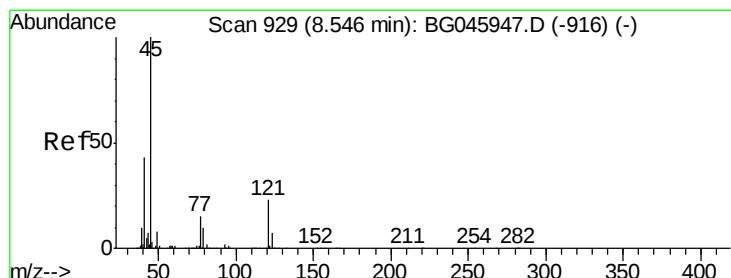
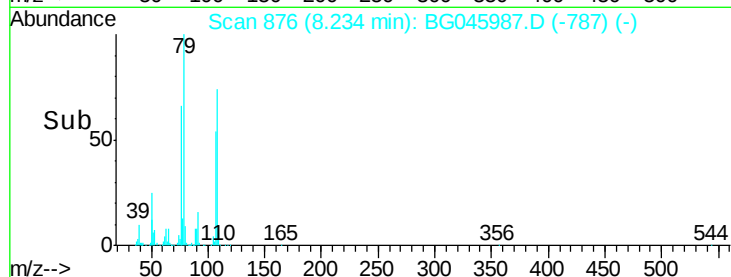
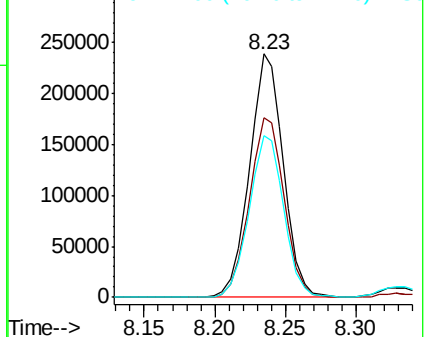
77 66.5 52.9 79.3



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.311 ng

RT: 8.53 min Scan# 927

Delta R.T. -0.01 min

Lab File: BG045987.D

Acq: 9 Jul 2020 9:02

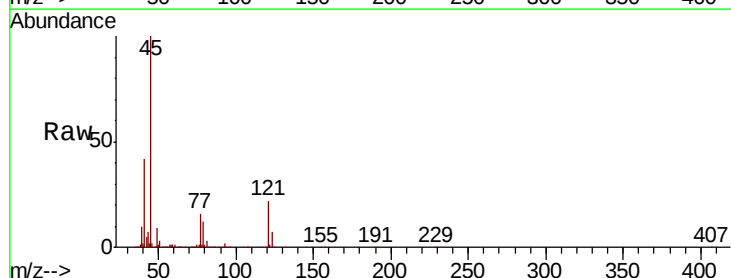
Tgt Ion: 45 Resp: 579510

Ion Ratio Lower Upper

45 100

77 15.9 0.0 37.6

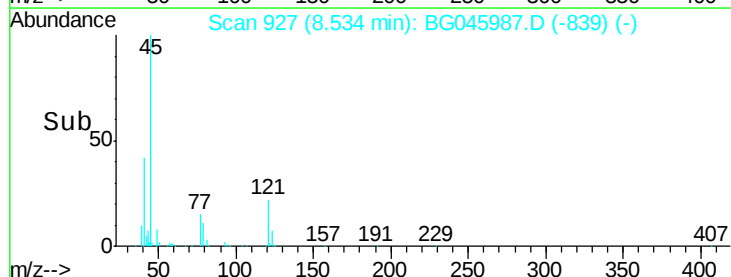
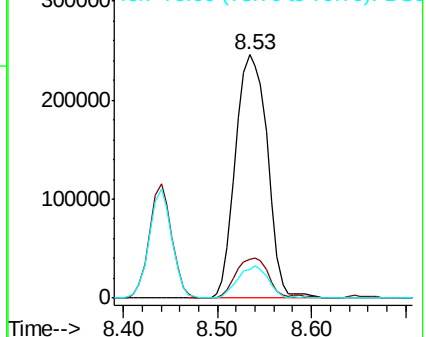
79 11.6 0.0 32.6

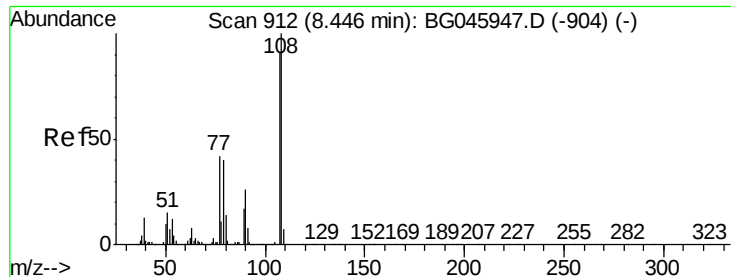


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

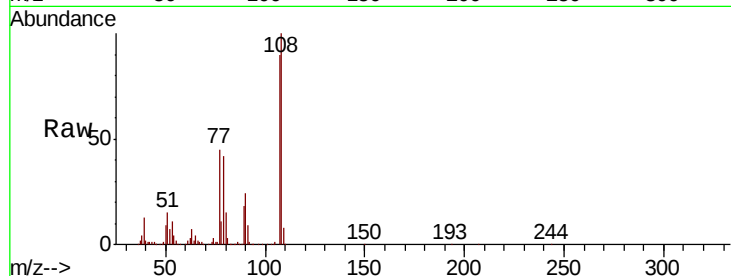




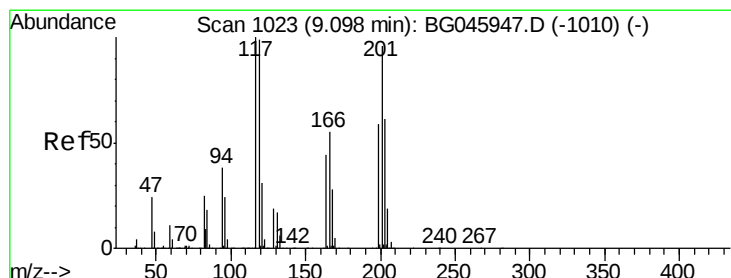
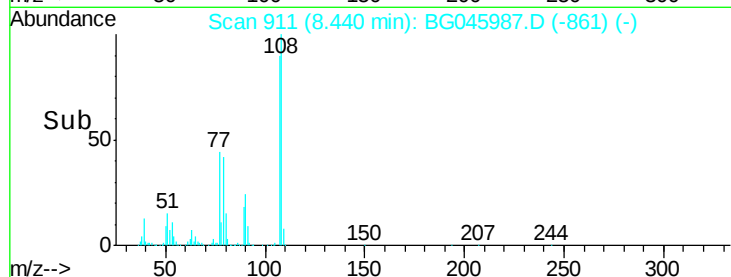
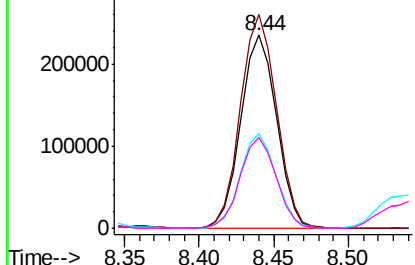
#17
2-Methylphenol
Concen: 38.376 ng
RT: 8.44 min Scan# 911
Delta R.T. -0.01 min
Lab File: BG045987.D
Acq: 9 Jul 2020 9:02

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	393445
Ion	Ratio	Lower	Upper
107	100		
108	110.8	88.2	132.4
77	49.3	37.0	55.4
79	47.1	35.4	53.0

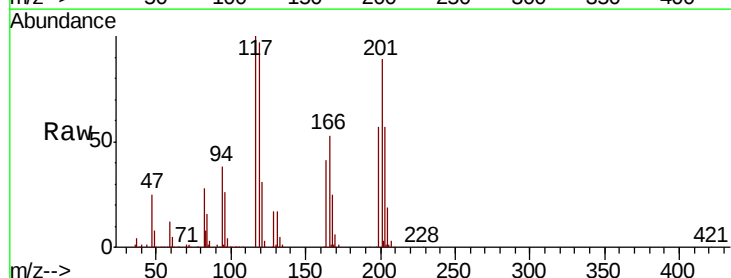


Abundance Ion 107.00 (106.70 to 107.70): E
400000 Ion 108.00 (107.70 to 108.70): E
300000 Ion 77.00 (76.70 to 77.70): BG
200000 Ion 79.00 (78.70 to 79.70): BG
100000
0

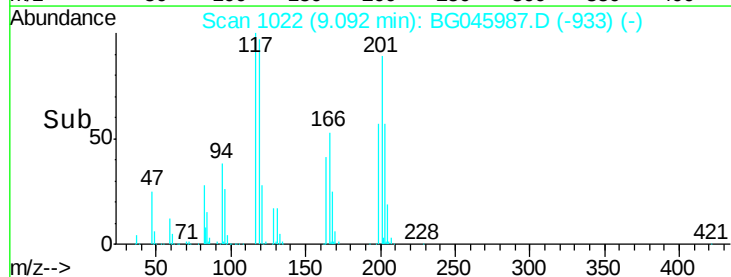
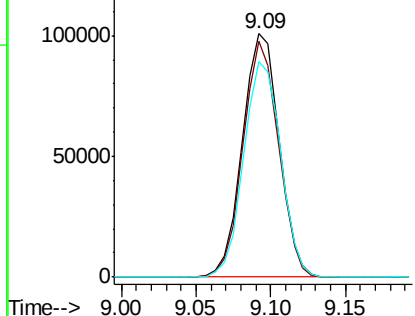


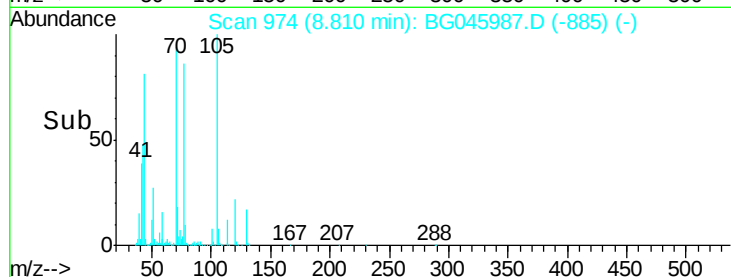
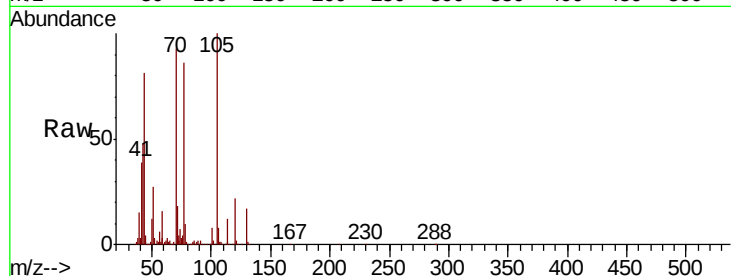
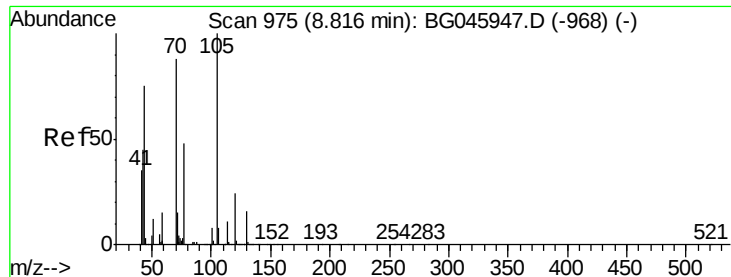
#18
Hexachloroethane
Concen: 38.766 ng
RT: 9.09 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG045987.D
Acq: 9 Jul 2020 9:02

Tgt Ion:	117	Resp:	172249
Ion	Ratio	Lower	Upper
117	100		
119	96.7	79.5	119.3
201	88.7	77.0	115.4



Abundance Ion 117.00 (116.70 to 117.70): E
100000 Ion 119.00 (118.70 to 119.70): E
50000 Ion 201.00 (200.70 to 201.70): E
0

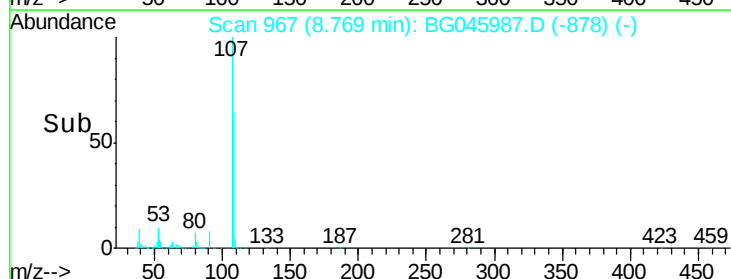
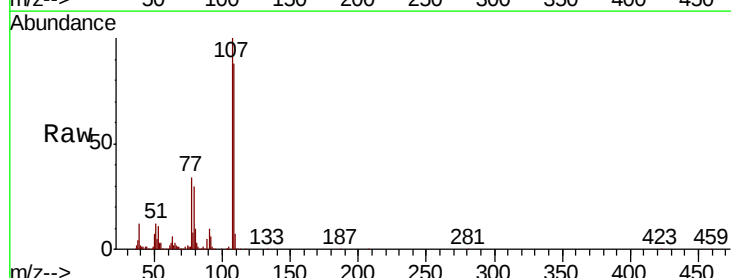
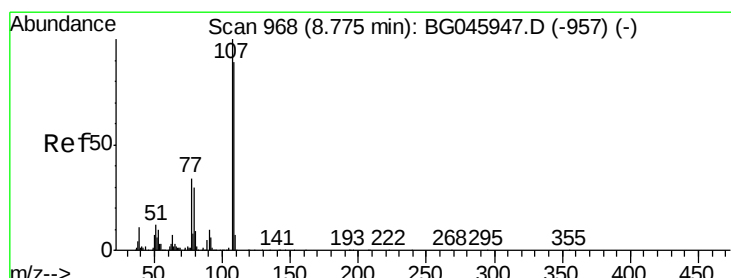
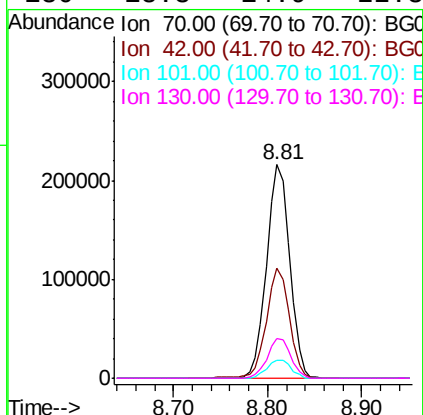




#19
n-Nitroso-di-n-propylamine
Concen: 38.575 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.01 min
Lab File: BG045987.D
Acq: 9 Jul 2020 9:02

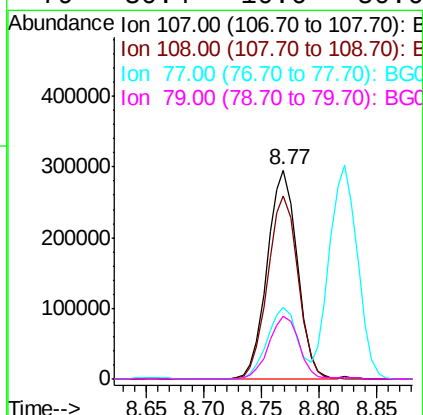
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

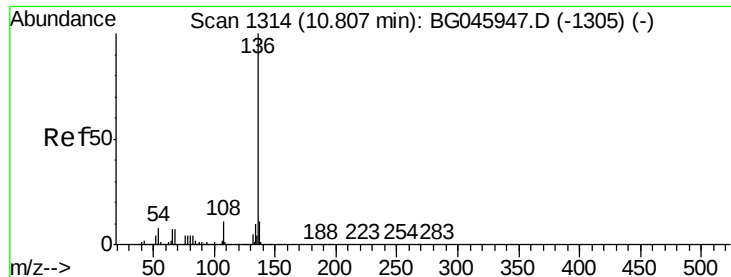
Tot Ion: 70 Resp: 369118
Ion Ratio Lower Upper
70 100
42 51.6 41.4 62.0
101 8.2 7.1 10.7
130 18.3 14.9 22.3



#20
3+4-Methylphenols
Concen: 38.477 ng
RT: 8.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BG045987.D
Acq: 9 Jul 2020 9:02

Tgt Ion: 107 Resp: 537637
Ion Ratio Lower Upper
107 100
108 88.0 68.7 108.7
77 34.1 14.6 54.6
79 30.4 10.6 50.6

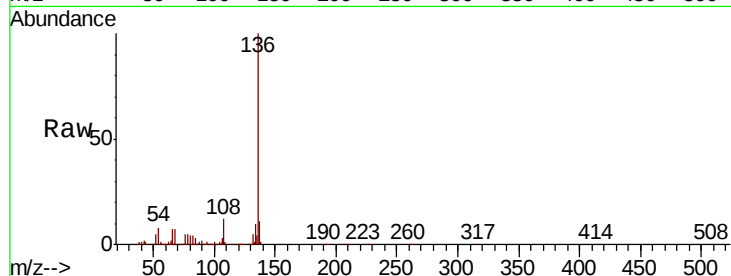




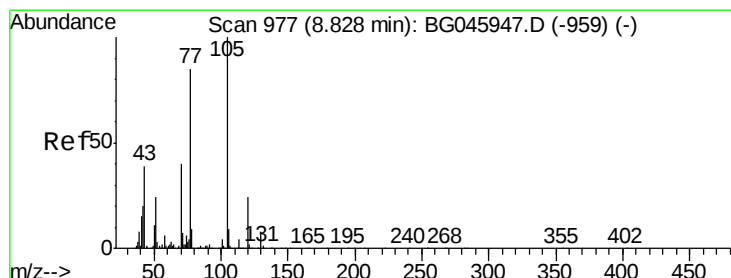
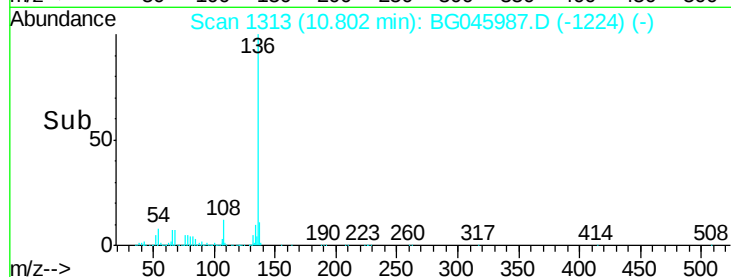
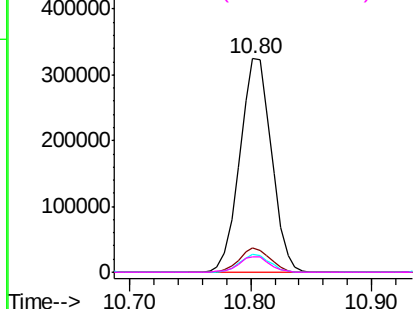
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BG045987.D
Acq: 9 Jul 2020 9:02

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:136	Resp:	594099	
Ion Ratio	Lower	Upper	
136 100			
137 11.3	9.2	13.8	
54 8.2	6.2	9.4	
68 6.9	5.8	8.8	

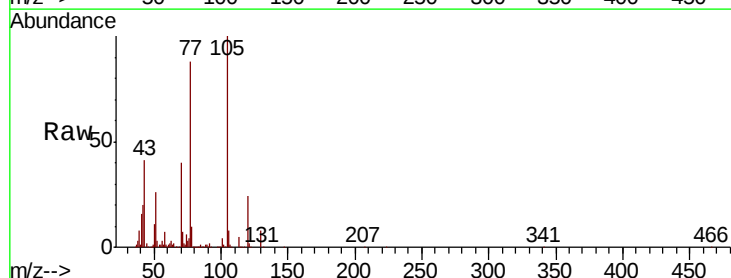


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

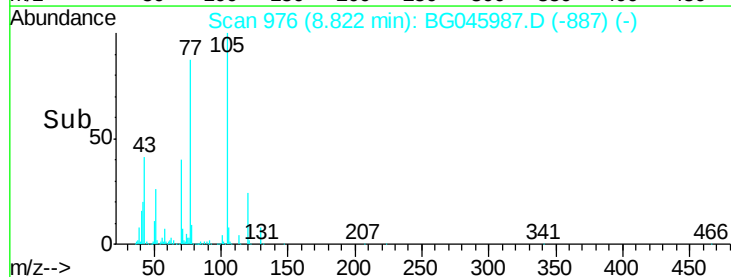
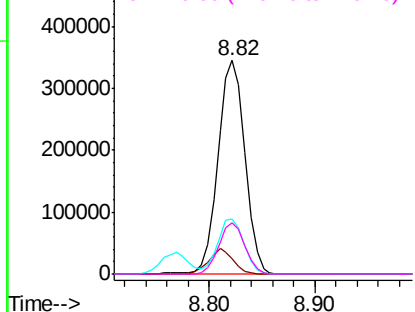


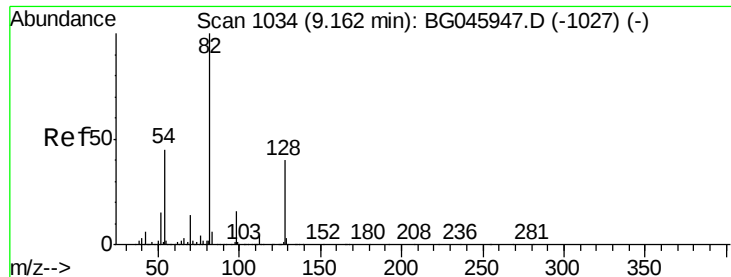
#22
Acetophenone
Concen: 38.308 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG045987.D
Acq: 9 Jul 2020 9:02

Tgt	Ion:105	Resp:	607992
Ion	Ratio	Lower	Upper
105	100		
71	7.1	6.2	9.2
51	26.1	19.7	29.5
120	24.1	19.2	28.8



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

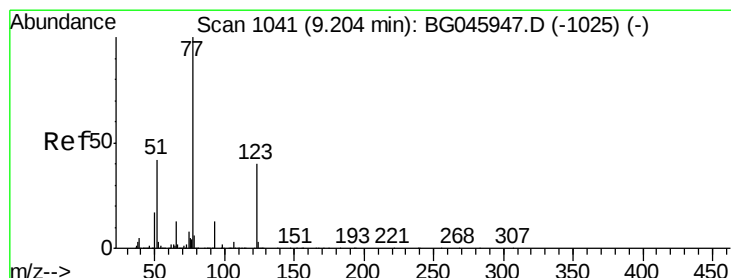
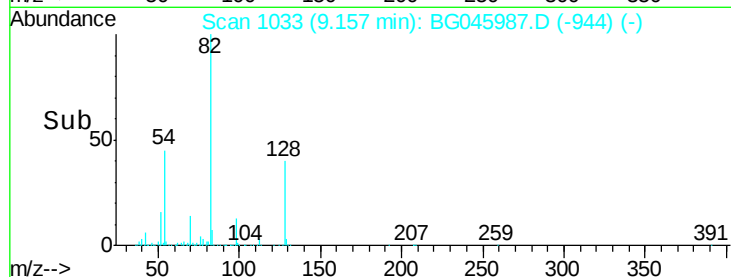
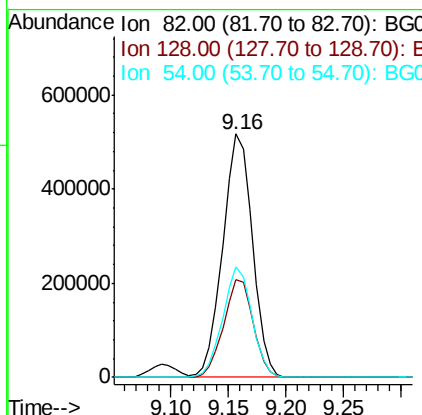
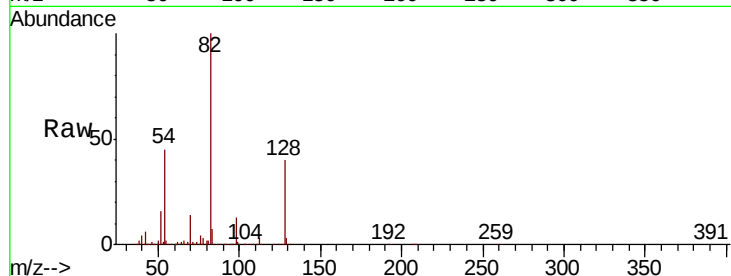




#23
 Nitrobenzene-d5
 Concen: 89.401 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BG045987.D
 Acq: 9 Jul 2020 9:02

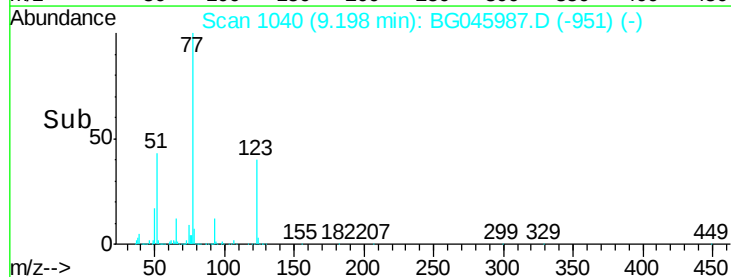
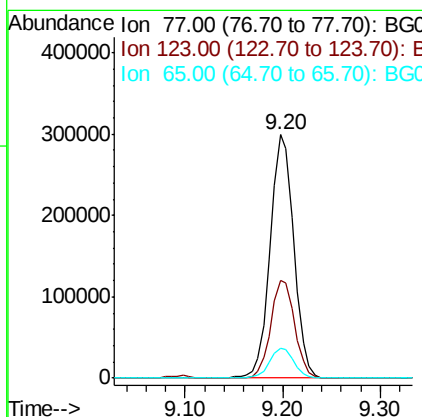
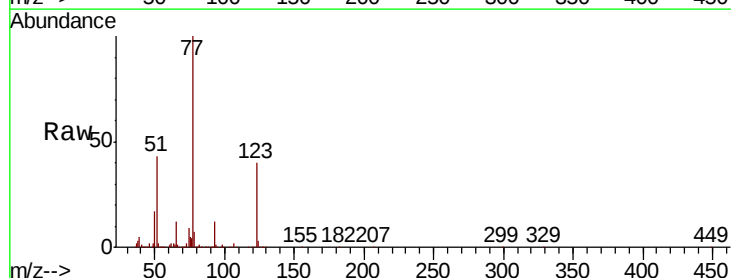
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

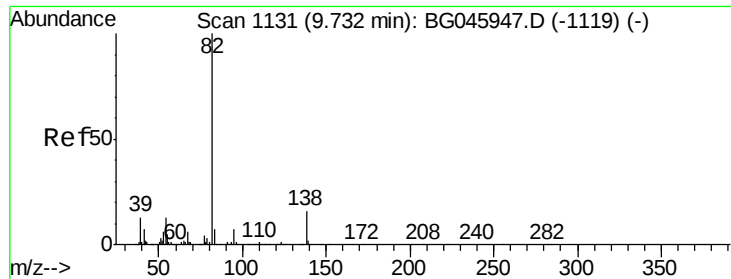
Tot Ion: 82 Resp: 922771
 Ion Ratio Lower Upper
 82 100
 128 40.0 32.2 48.4
 54 45.5 35.8 53.6



#24
 Nitrobenzene
 Concen: 44.529 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BG045987.D
 Acq: 9 Jul 2020 9:02

Tgt Ion: 77 Resp: 507298
 Ion Ratio Lower Upper
 77 100
 123 40.3 32.7 49.1
 65 12.2 10.2 15.4

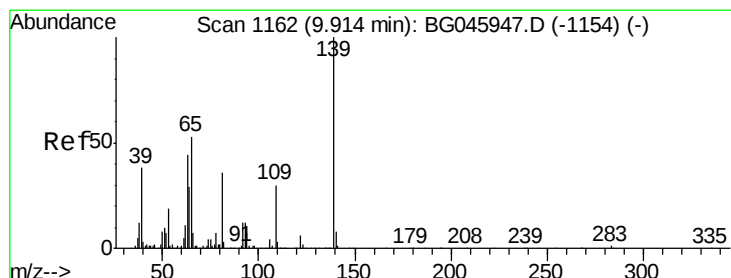
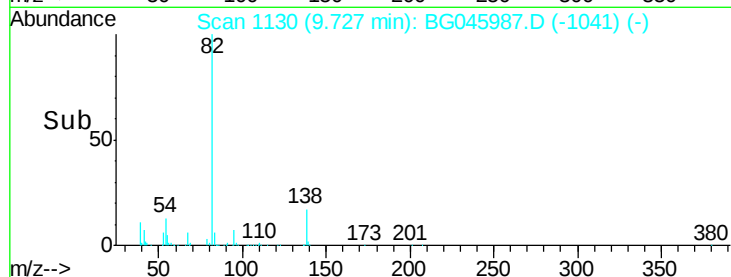
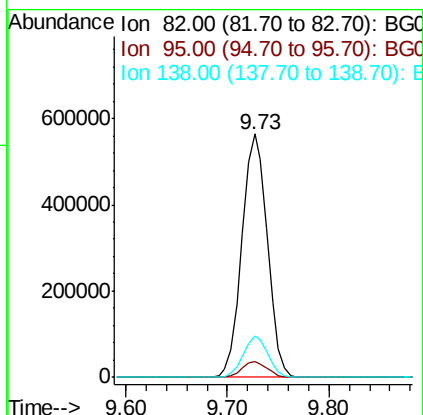
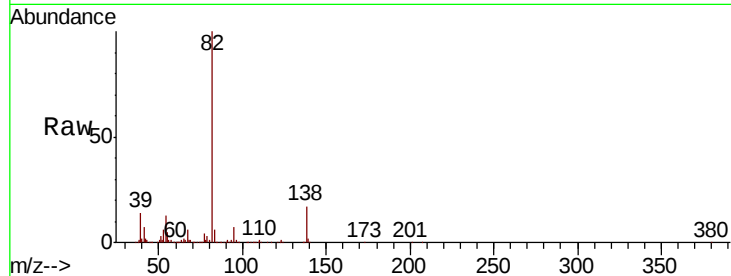




#25
Isophorone
Concen: 38.848 ng
RT: 9.73 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BG045987.D
Acq: 9 Jul 2020 9:02

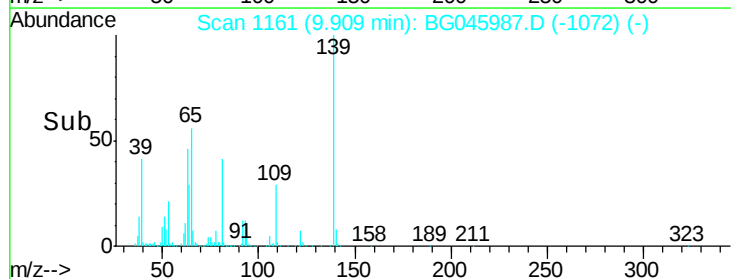
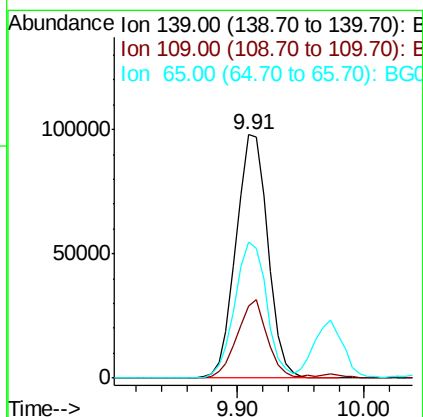
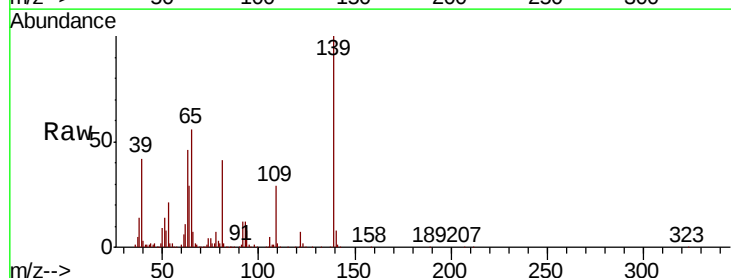
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

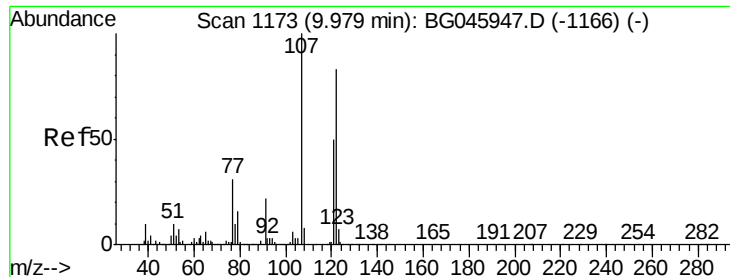
Tot Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.8	8.6
138	17.0	12.9	19.3



#26
2-Nitrophenol
Concen: 46.021 ng
RT: 9.91 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BG045987.D
Acq: 9 Jul 2020 9:02

Tgt Ion	Ratio	Lower	Upper
139	100		
109	29.4	24.6	37.0
65	55.7	42.6	64.0

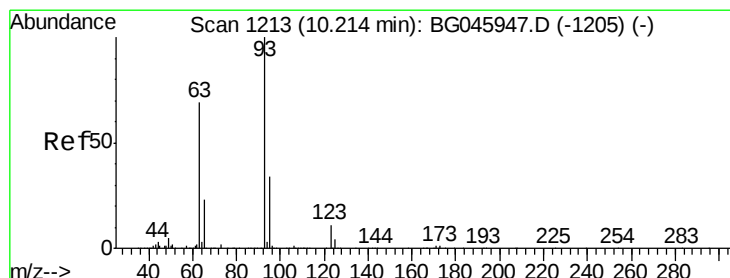
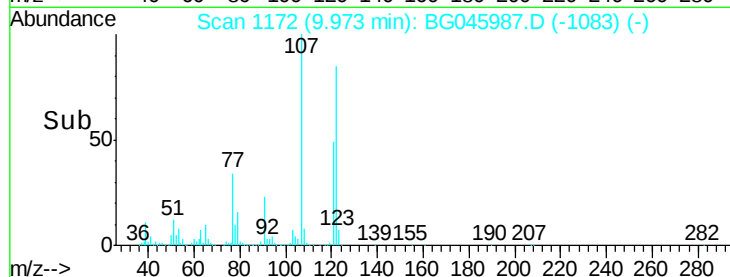
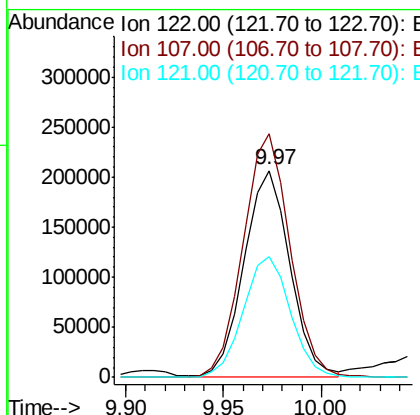
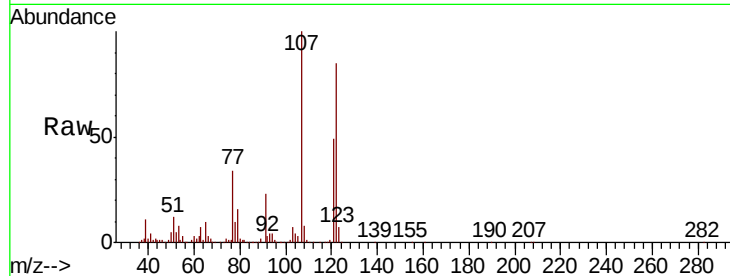




#27
 2,4-Dimethylphenol
 Concen: 37.361 ng
 RT: 9.97 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BG045987.D
 Acq: 9 Jul 2020 9:02

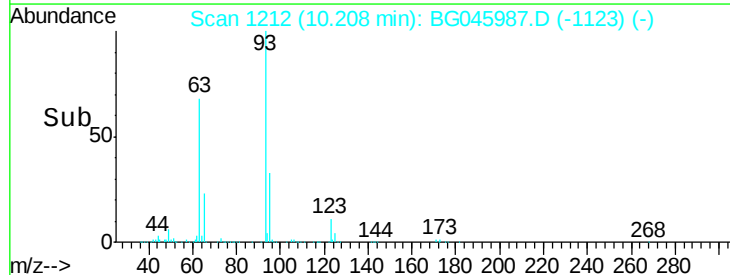
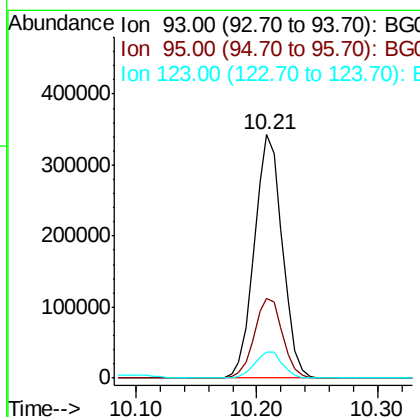
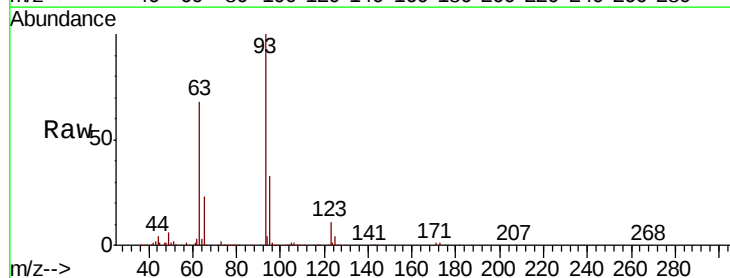
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

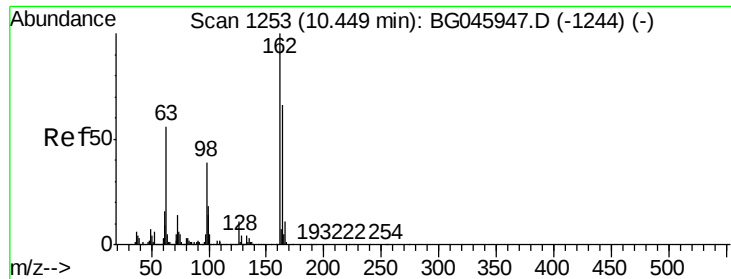
Tot Ion	Ratio	Lower	Upper
122	100		
107	117.6	95.6	143.4
121	58.1	47.7	71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.182 ng
 RT: 10.21 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BG045987.D
 Acq: 9 Jul 2020 9:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	27.5	41.3
123	10.8	9.2	13.8

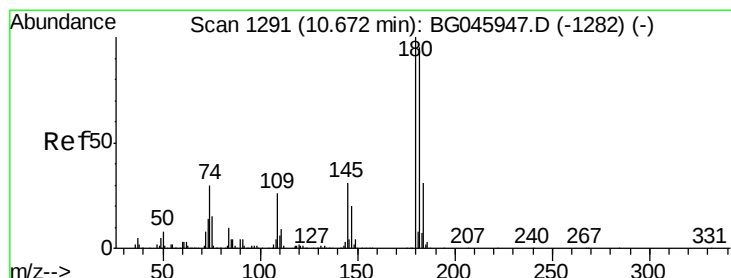
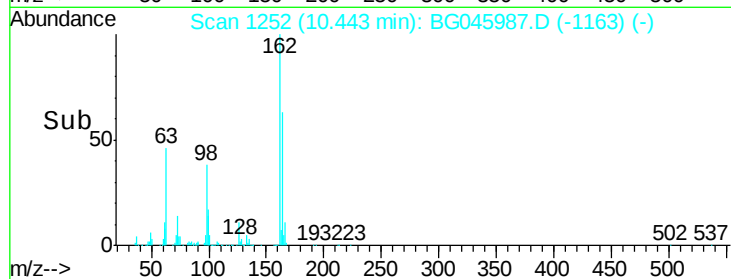
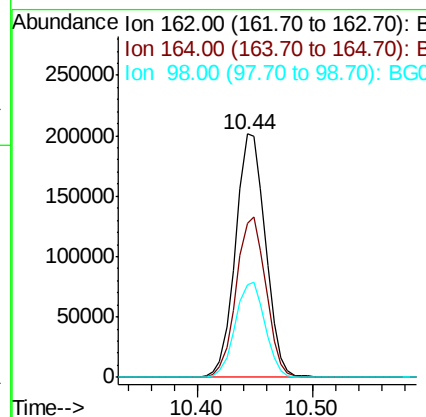
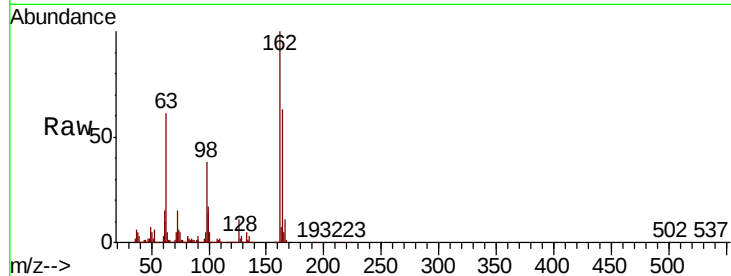




#29
 2,4-Dichlorophenol
 Concen: 39.026 ng
 RT: 10.44 min Scan# 1252
 Delta R.T. -0.01 min
 Lab File: BG045987.D
 Acq: 9 Jul 2020 9:02

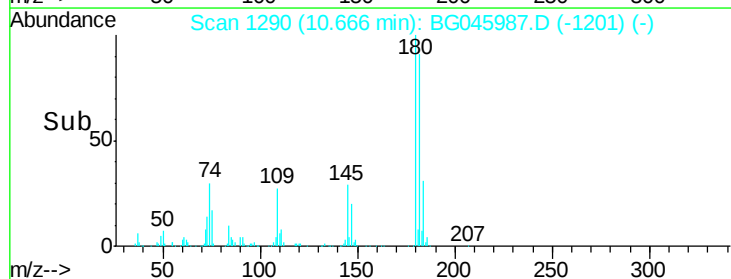
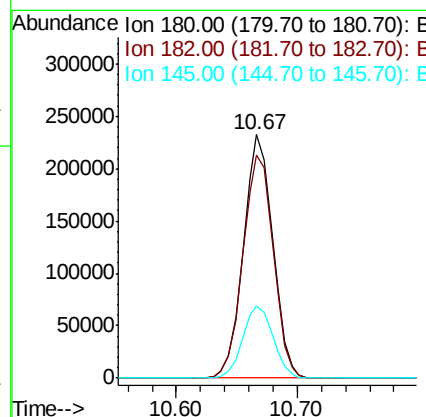
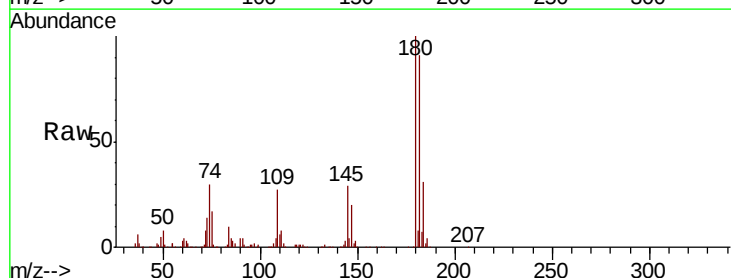
Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

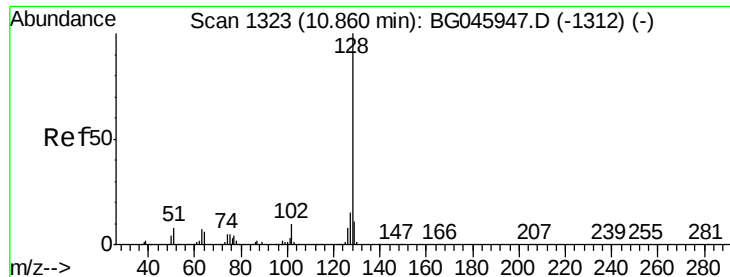
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	46.0	86.0
98	38.0	19.2	59.2



#30
 1,2,4-Trichlorobenzene
 Concen: 38.400 ng
 RT: 10.67 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BG045987.D
 Acq: 9 Jul 2020 9:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.5	76.3	114.5
145	29.5	24.8	37.2

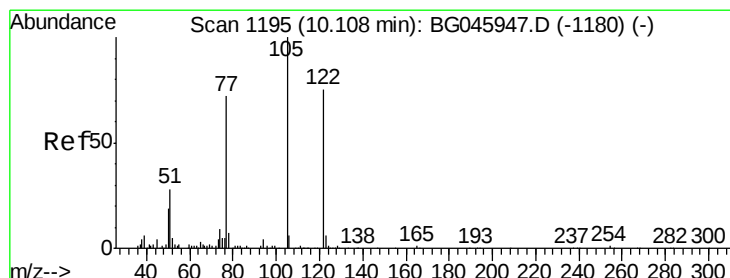
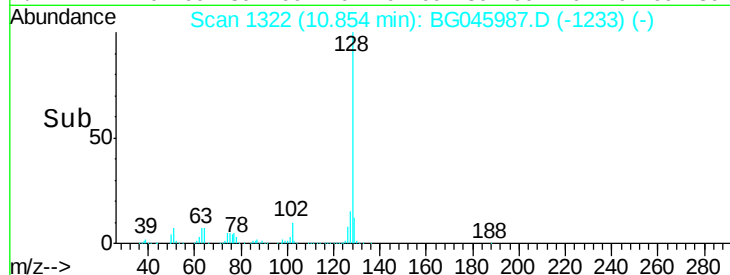
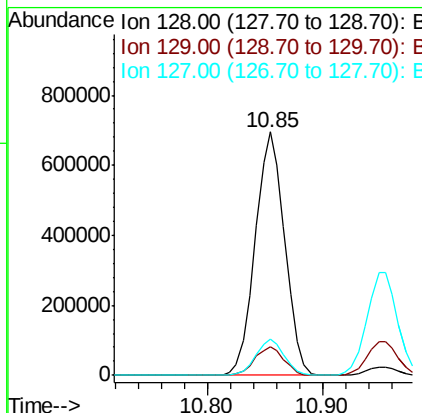
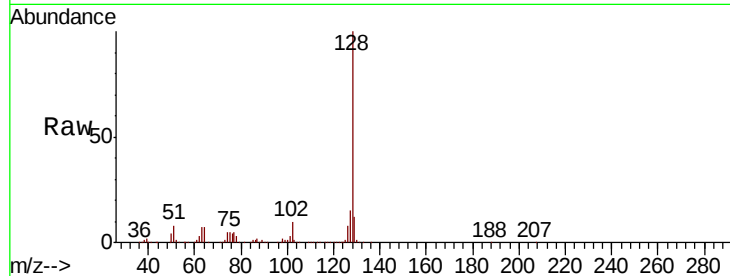




#31
Naphthalene
Concen: 38.714 ng
RT: 10.85 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG045987.D
Acq: 9 Jul 2020 9:02

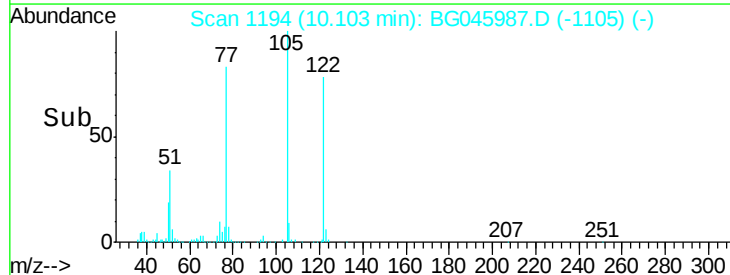
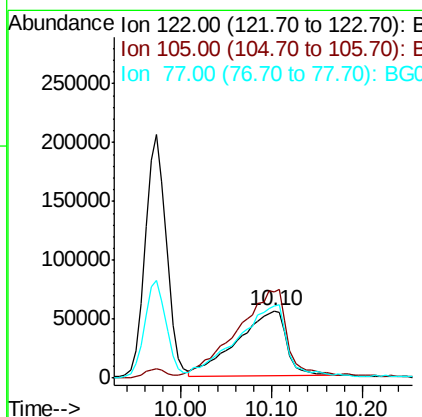
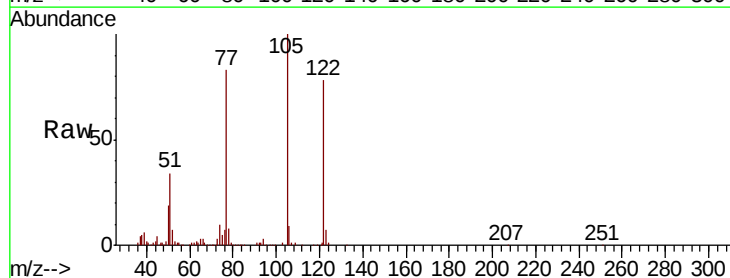
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

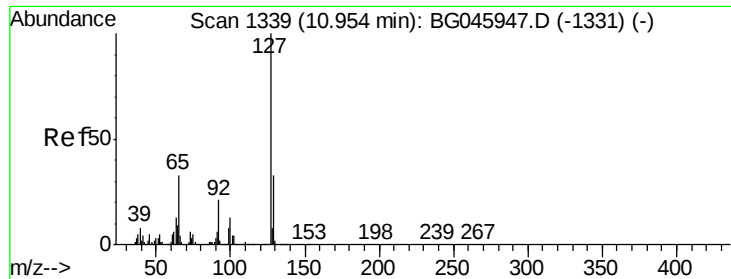
Tot Ion:128 Resp: 1232991
Ion Ratio Lower Upper
128 100
129 11.9 9.2 13.8
127 14.8 11.8 17.6



#32
Benzoic acid
Concen: 40.179 ng
RT: 10.10 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BG045987.D
Acq: 9 Jul 2020 9:02

Tgt Ion:122 Resp: 213368
Ion Ratio Lower Upper
122 100
105 128.0 110.8 150.8
77 106.4 76.4 116.4

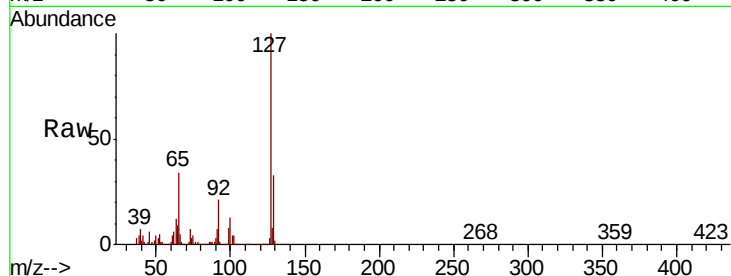




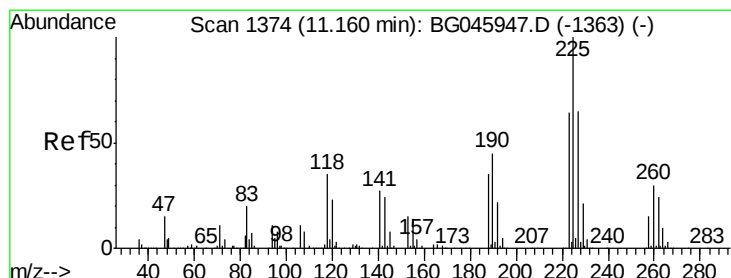
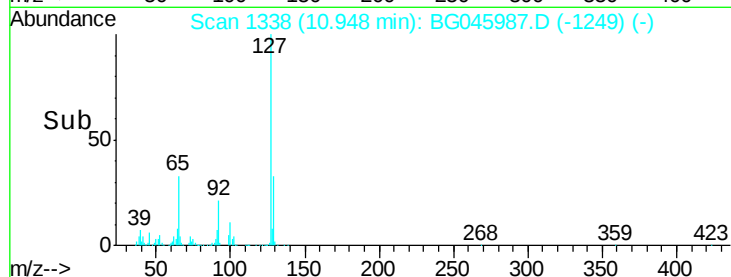
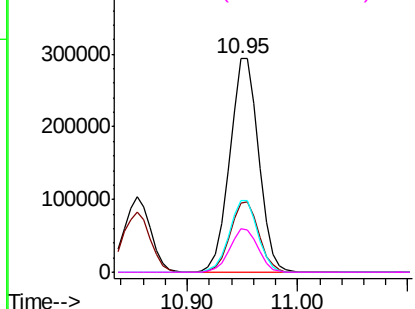
#33
4-Chloroaniline
Concen: 37.946 ng
RT: 10.95 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BG045987.D
Acq: 9 Jul 2020 9:02

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	540042
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.6	39.8
65	33.6	26.8	40.2
92	20.5	17.0	25.4

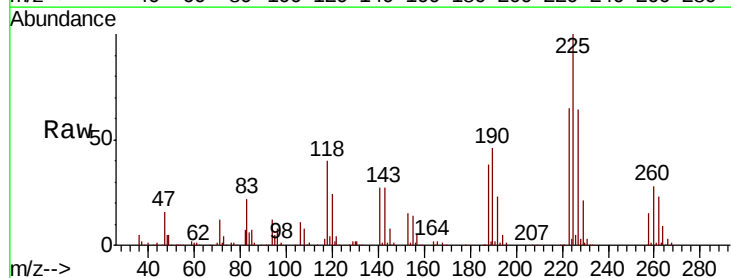


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

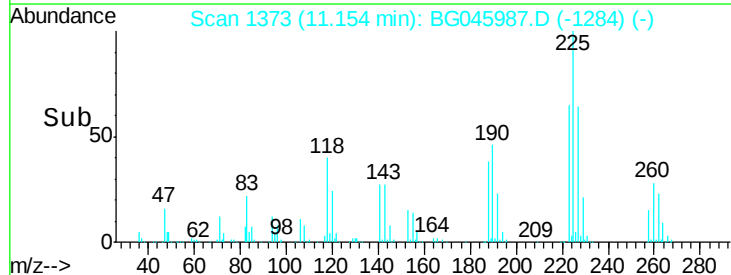
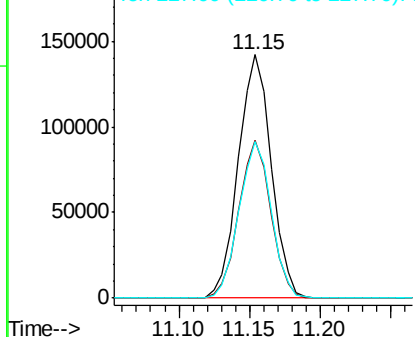


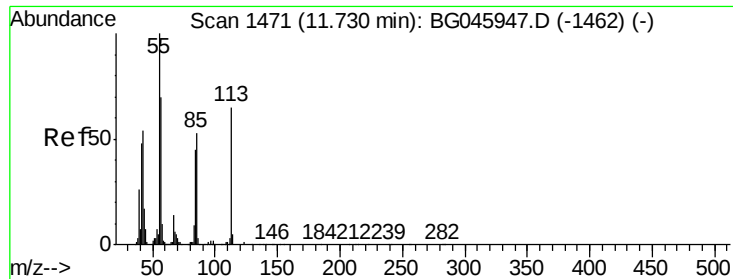
#34
Hexachlorobutadiene
Concen: 38.627 ng
RT: 11.15 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG045987.D
Acq: 9 Jul 2020 9:02

Tgt Ion:	225	Resp:	232018
Ion	Ratio	Lower	Upper
225	100		
223	64.9	51.2	76.8
227	64.1	52.3	78.5



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: 37.751 ng

RT: 11.72 min Scan# 1469

Delta R.T. -0.01 min

Lab File: BG045987.D

Acq: 9 Jul 2020 9:02

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

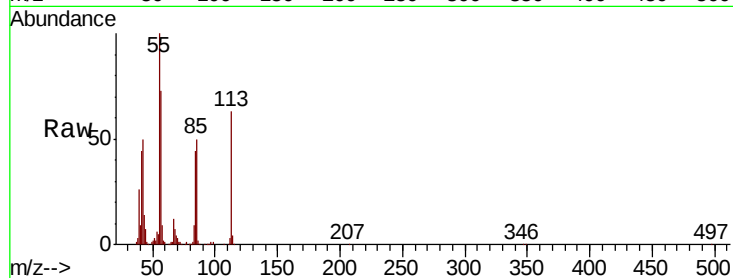
Tot Ion:113 Resp: 133078

Ion Ratio Lower Upper

113 100

55 159.6 141.6 181.6

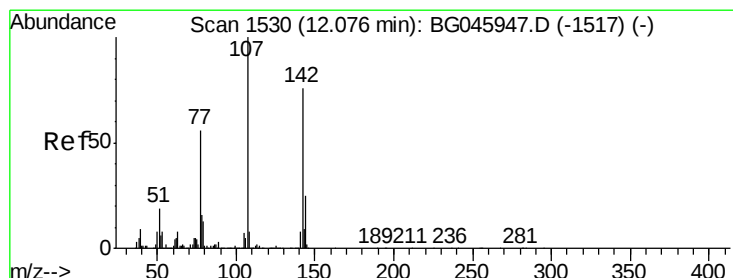
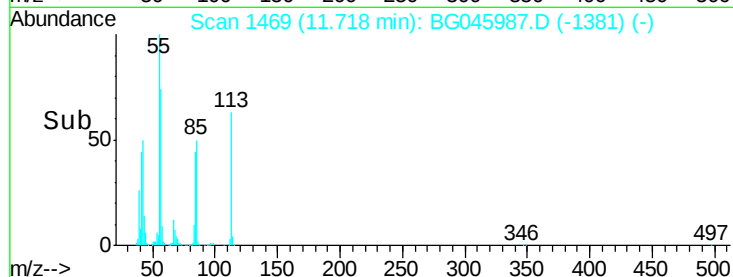
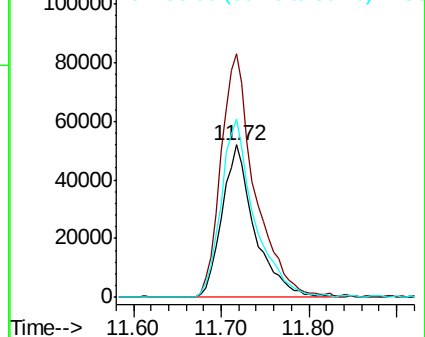
56 117.3 89.6 129.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 38.714 ng

RT: 12.07 min Scan# 1529

Delta R.T. -0.01 min

Lab File: BG045987.D

Acq: 9 Jul 2020 9:02

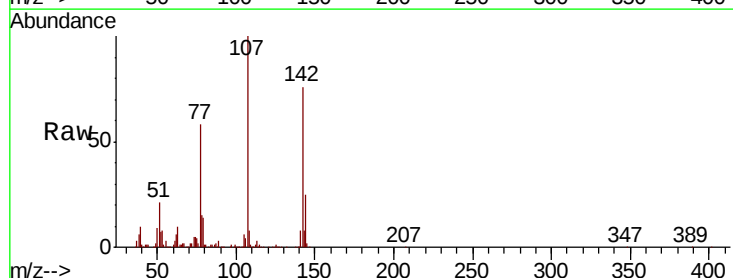
Tgt Ion:107 Resp: 409395

Ion Ratio Lower Upper

107 100

144 25.1 20.0 30.0

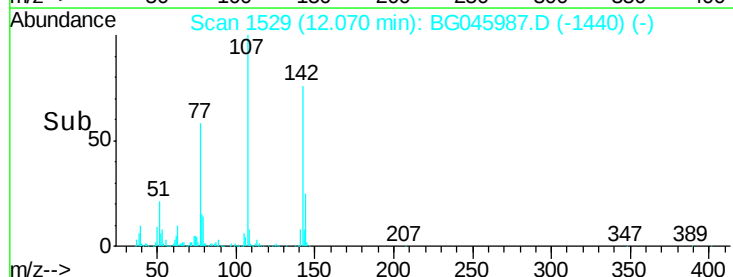
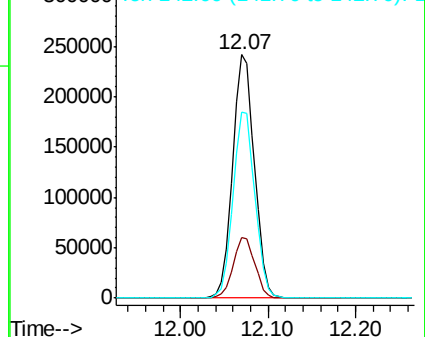
142 76.4 61.1 91.7

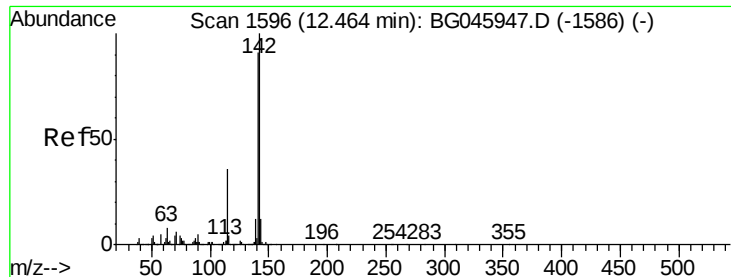


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.865 ng

RT: 12.46 min Scan# 1595

Delta R.T. -0.01 min

Lab File: BG045987.D

Acq: 9 Jul 2020 9:02

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

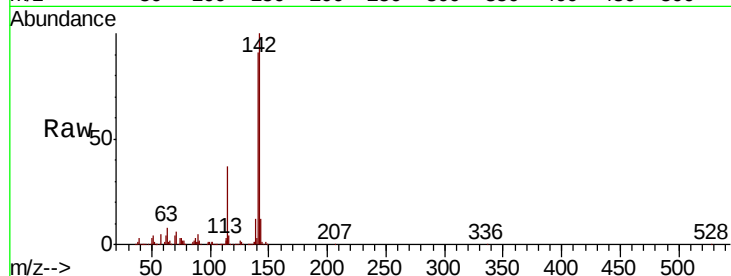
Tot Ion:142 Resp: 879901

Ion Ratio Lower Upper

142 100

141 90.9 73.0 109.6

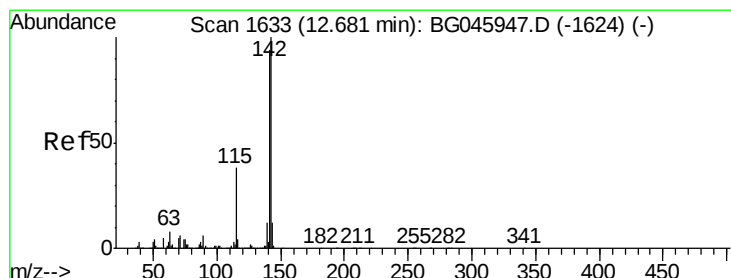
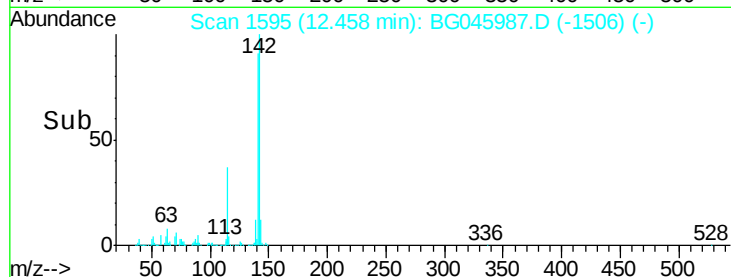
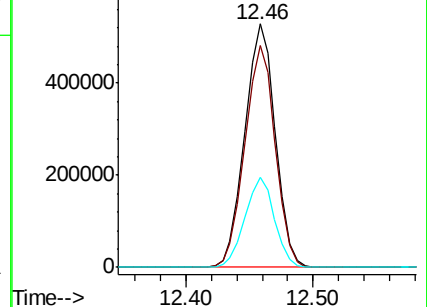
115 37.2 28.8 43.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 38.558 ng

RT: 12.68 min Scan# 1632

Delta R.T. -0.01 min

Lab File: BG045987.D

Acq: 9 Jul 2020 9:02

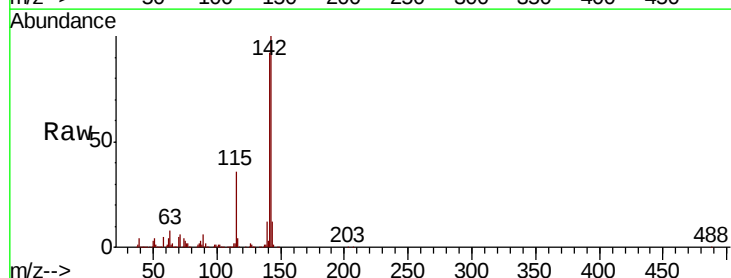
Tgt Ion:142 Resp: 823837

Ion Ratio Lower Upper

142 100

141 92.3 75.2 112.8

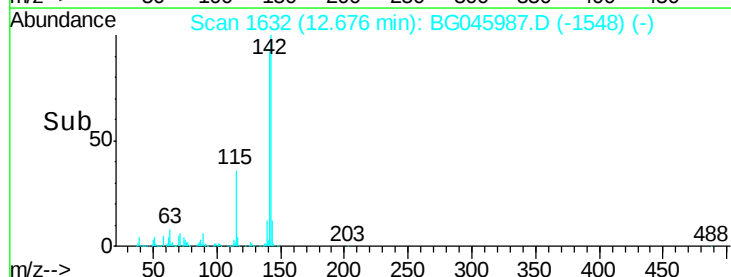
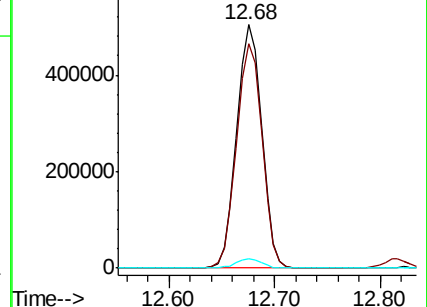
116 3.9 3.1 4.7

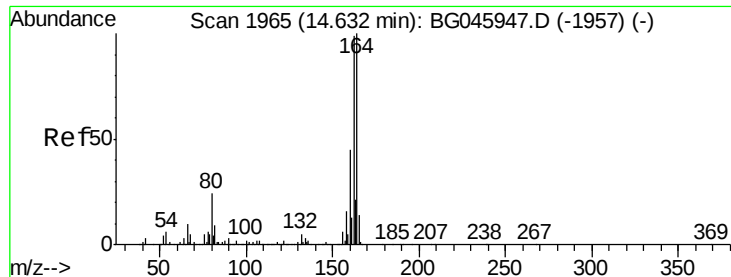


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BG045987.D

Acq: 9 Jul 2020 9:02

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

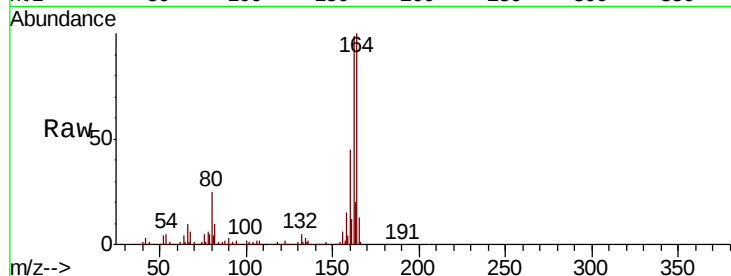
Tot Ion:164 Resp: 347468

Ion Ratio Lower Upper

164 100

162 98.6 79.3 118.9

160 45.5 35.7 53.5



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

14.63

200000

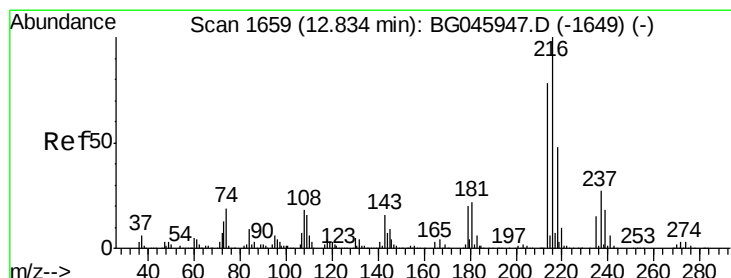
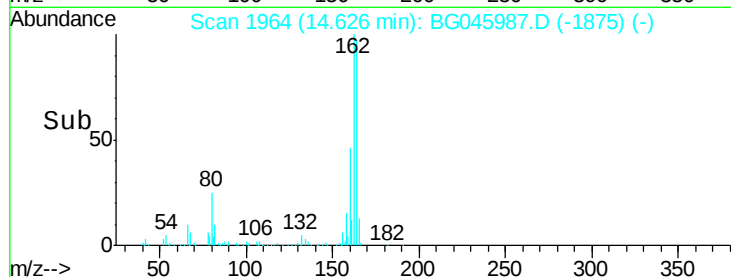
150000

100000

50000

0

Time-->



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.720 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.01 min

Lab File: BG045987.D

Acq: 9 Jul 2020 9:02

Tgt Ion:216 Resp: 389051

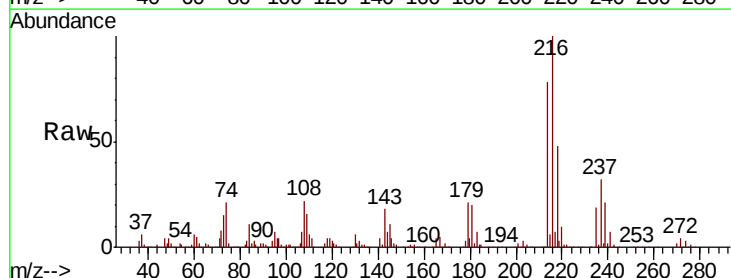
Ion Ratio Lower Upper

216 100

214 78.5 63.0 94.4

179 21.7 17.0 25.6

108 22.2 17.3 25.9



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

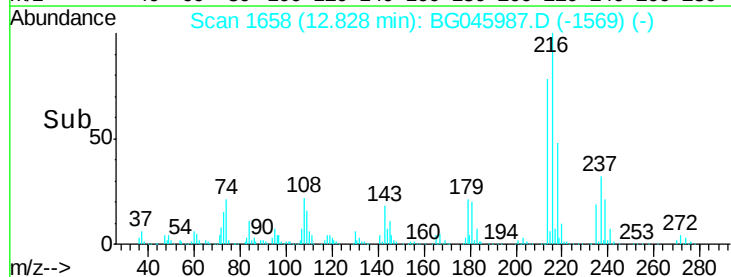
12.83

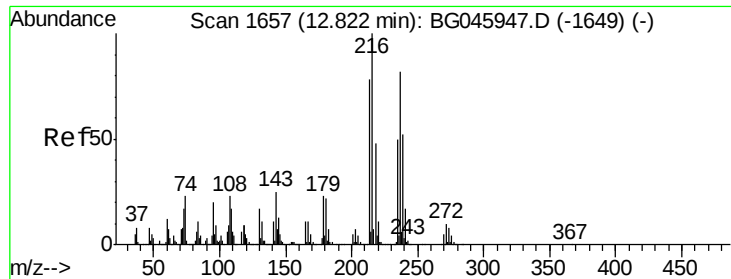
200000

100000

0

Time-->





#41

Hexachlorocyclopentadiene

Concen: 37.763 ng

RT: 12.82 min Scan# 1656

Delta R.T. -0.01 min

Lab File: BG045987.D

Acq: 9 Jul 2020 9:02

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

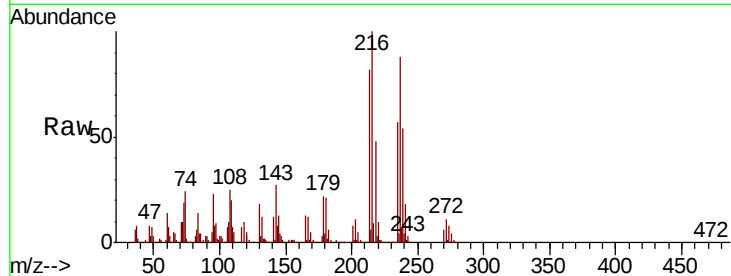
Tot Ion:237 Resp: 219476

Ion Ratio Lower Upper

237 100

235 64.2 41.5 81.5

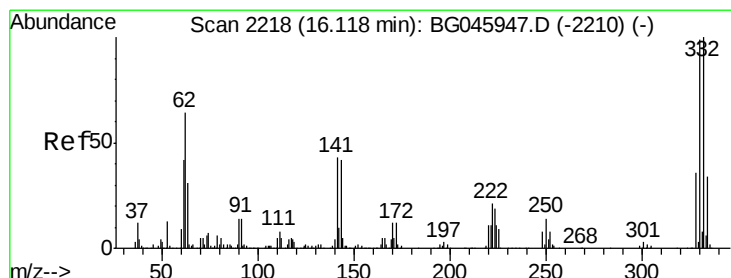
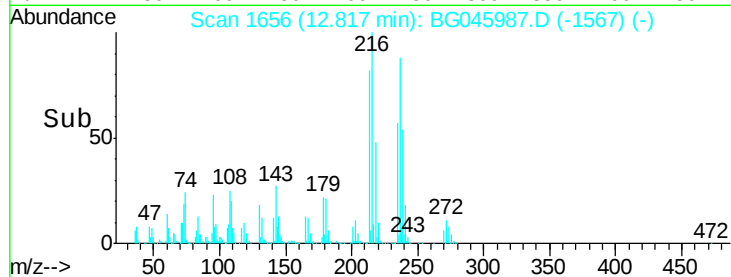
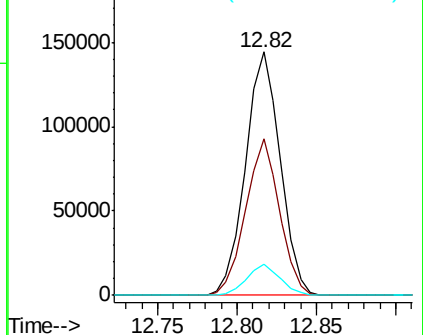
272 13.0 0.0 31.7



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: 79.376 ng

RT: 16.11 min Scan# 2217

Delta R.T. -0.01 min

Lab File: BG045987.D

Acq: 9 Jul 2020 9:02

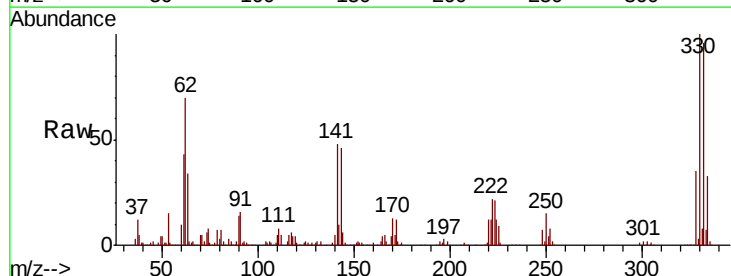
Tgt Ion:330 Resp: 255978

Ion Ratio Lower Upper

330 100

332 95.9 78.3 117.5

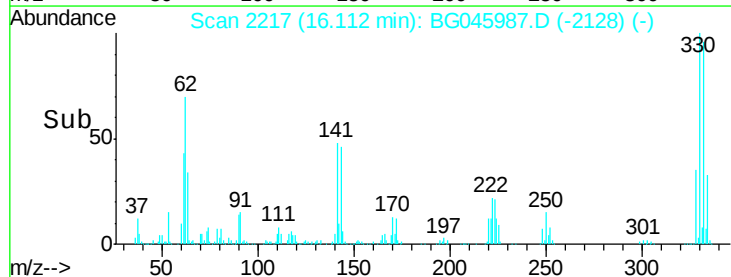
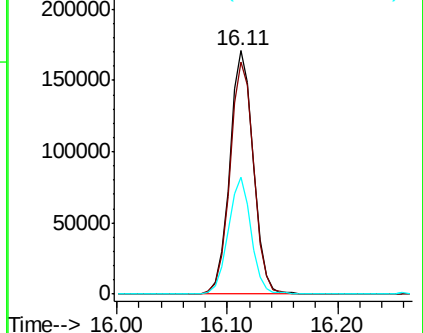
141 46.2 36.6 54.8

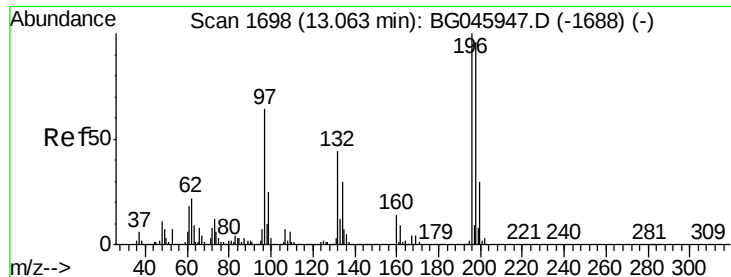


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

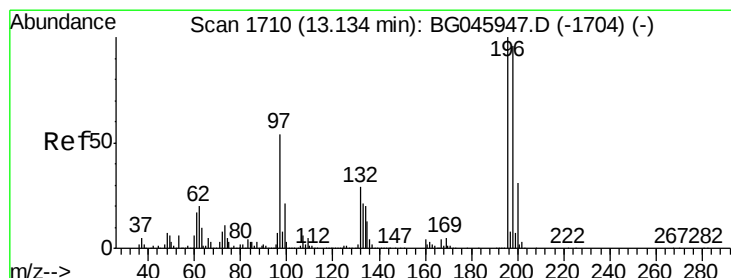
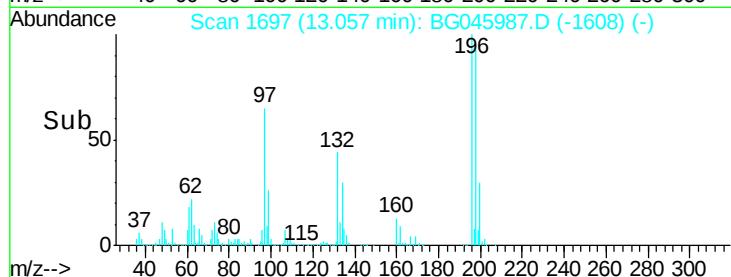
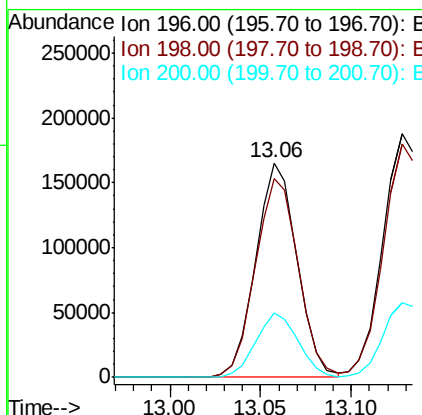
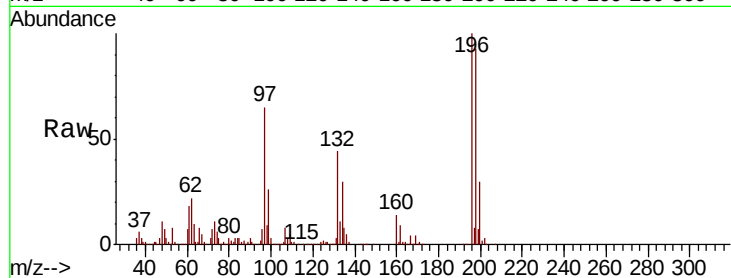




#43
 2,4,6-Trichlorophenol
 Concen: 39.703 ng
 RT: 13.06 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BG045987.D
 Acq: 9 Jul 2020 9:02

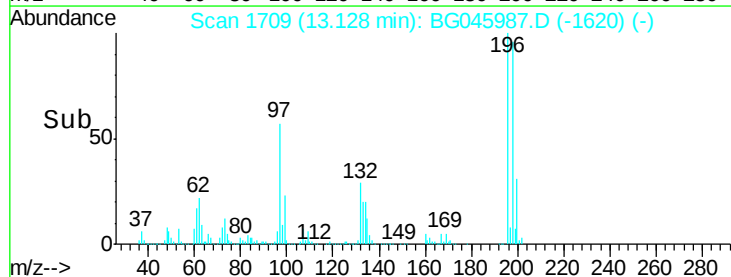
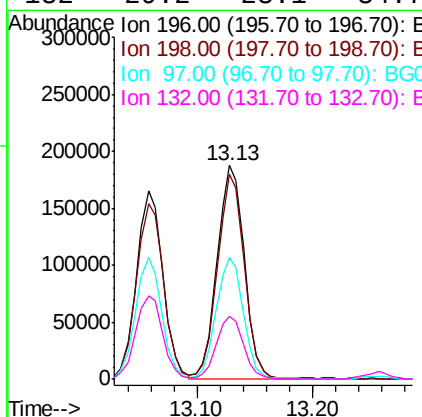
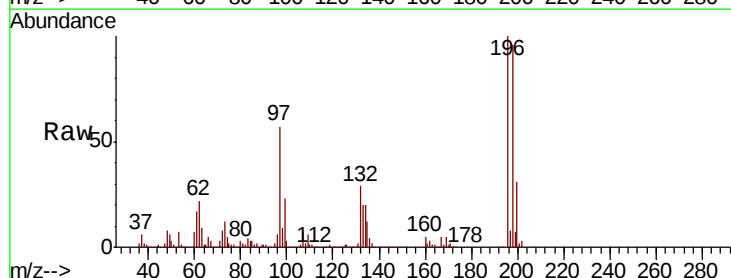
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

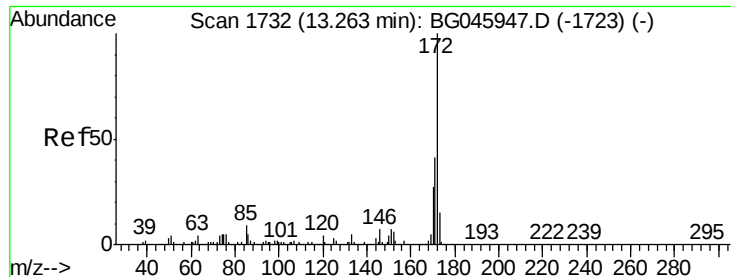
Tot Ion:196 Resp: 263003
 Ion Ratio Lower Upper
 196 100
 198 93.1 76.7 115.1
 200 29.9 24.3 36.5



#44
 2,4,5-Trichlorophenol
 Concen: 40.576 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.01 min
 Lab File: BG045987.D
 Acq: 9 Jul 2020 9:02

Tgt Ion:196 Resp: 303906
 Ion Ratio Lower Upper
 196 100
 198 96.0 77.0 115.6
 97 57.1 44.3 66.5
 132 29.2 23.1 34.7

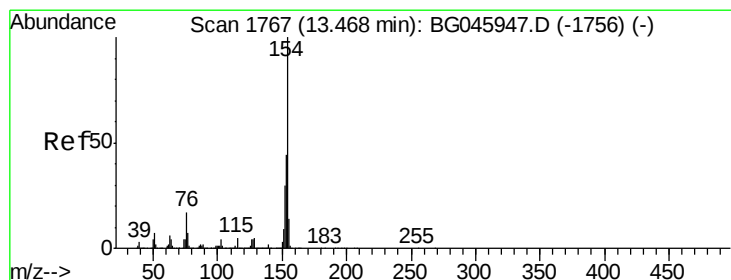
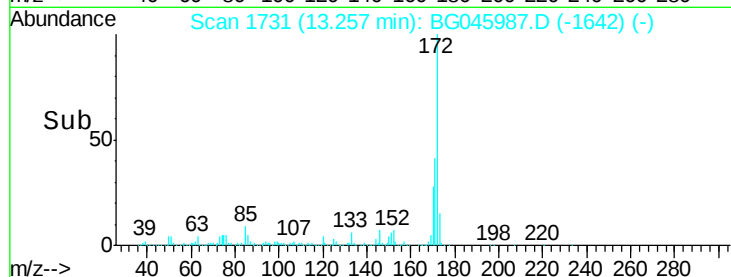
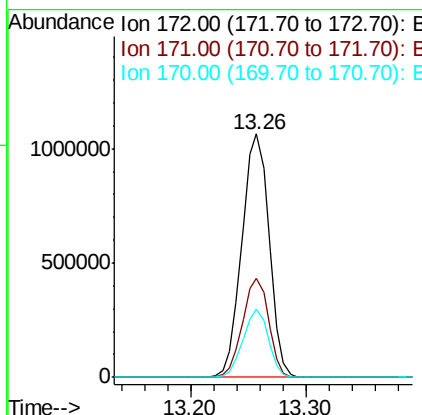
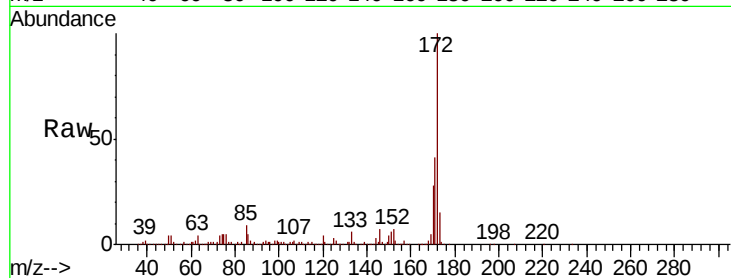




#45
2-Fluorobiphenyl
Concen: 78.005 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.01 min
Lab File: BG045987.D
Acq: 9 Jul 2020 9:02

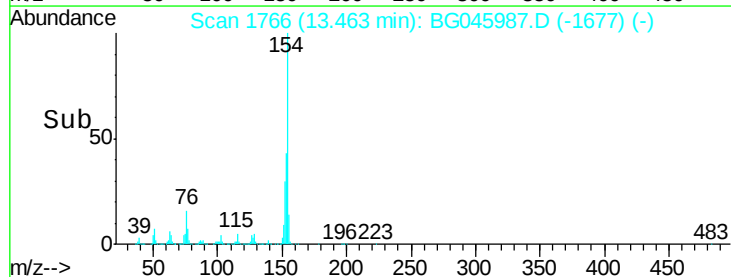
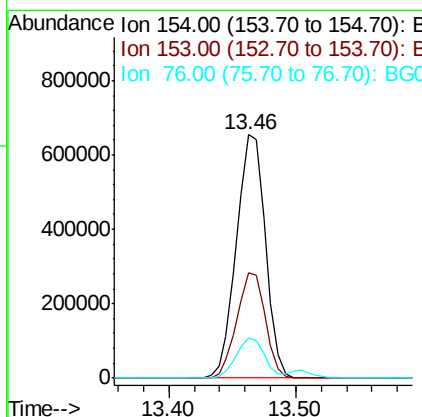
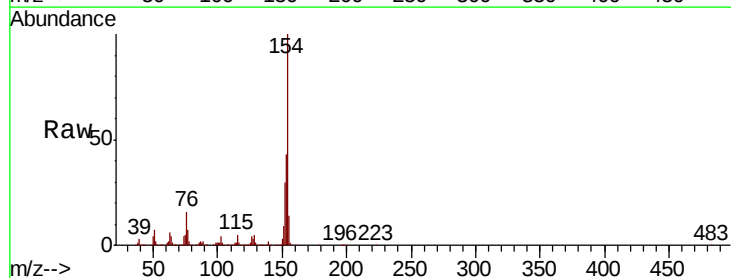
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

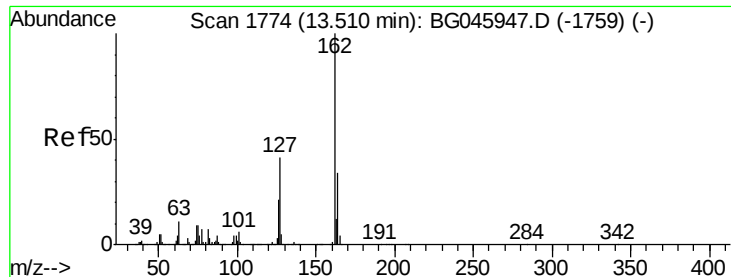
Tot Ion:172 Resp: 1737640
Ion Ratio Lower Upper
172 100
171 40.6 32.9 49.3
170 27.9 21.8 32.6



#46
1,1'-Biphenyl
Concen: 39.560 ng
RT: 13.46 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BG045987.D
Acq: 9 Jul 2020 9:02

Tgt Ion:154 Resp: 1034051
Ion Ratio Lower Upper
154 100
153 43.3 23.6 63.6
76 16.3 0.0 36.9

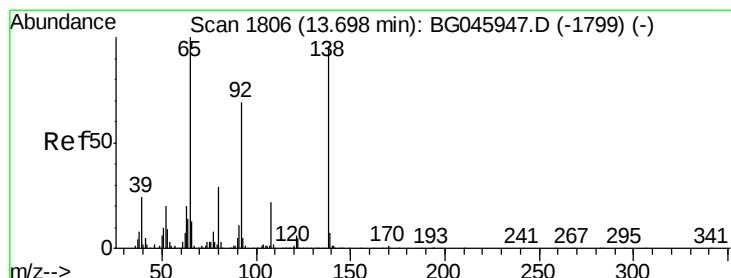
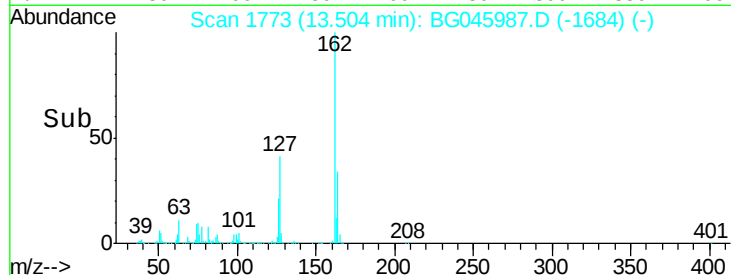
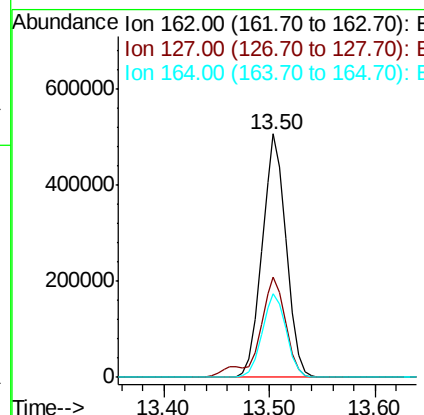
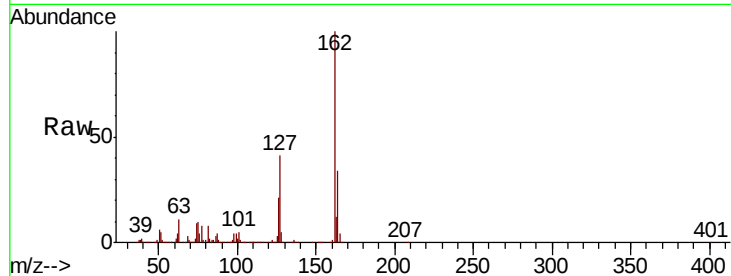




#47
2-Chloronaphthalene
Concen: 38.796 ng
RT: 13.50 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BG045987.D
Acq: 9 Jul 2020 9:02

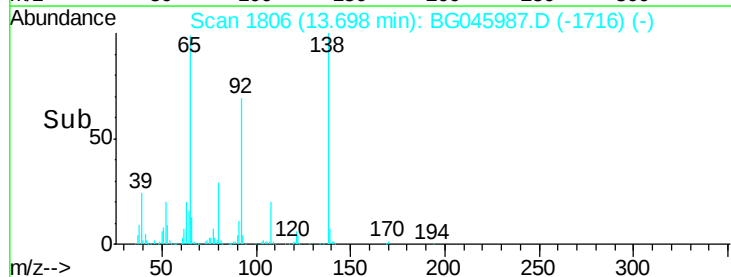
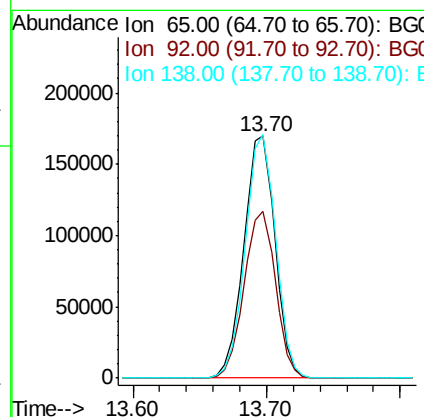
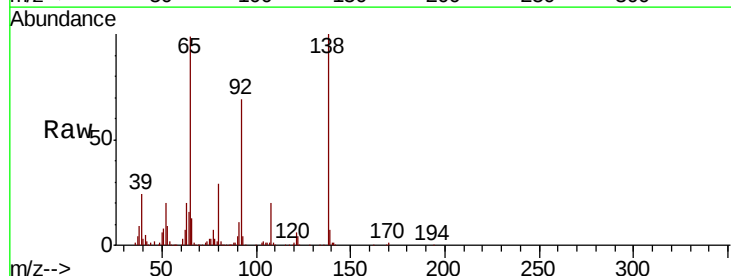
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

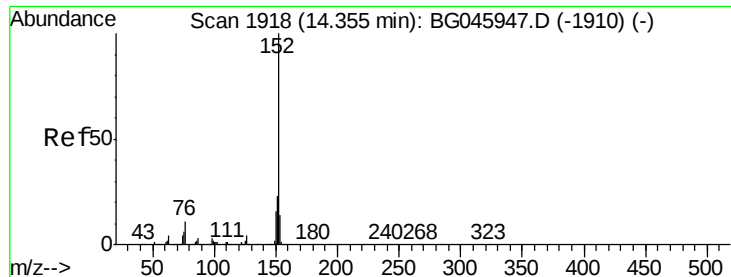
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.0	32.5	48.7
164	34.4	27.2	40.8



#48
2-Nitroaniline
Concen: 47.413 ng
RT: 13.70 min Scan# 1806
Delta R.T. 0.00 min
Lab File: BG045987.D
Acq: 9 Jul 2020 9:02

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.2	55.4	83.0
138	100.7	77.0	115.4





#49

Acenaphthylene

Concen: 38.508 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BG045987.D

Acq: 9 Jul 2020 9:02

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

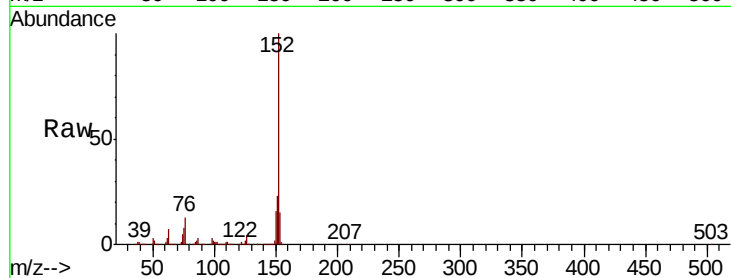
Tot Ion:152 Resp: 1281349

Ion Ratio Lower Upper

152 100

151 22.7 18.1 27.1

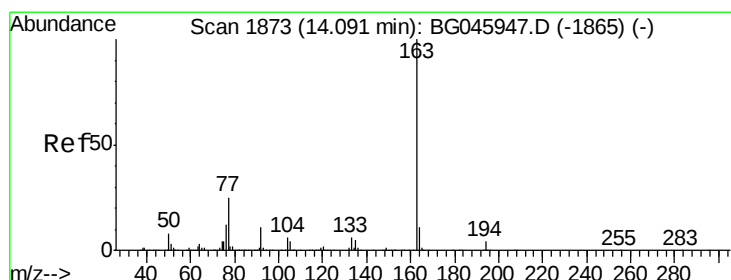
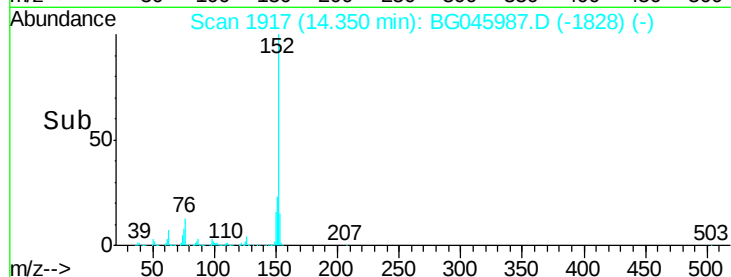
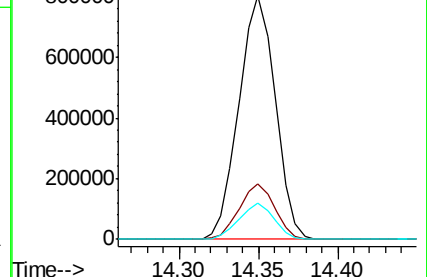
153 14.7 11.5 17.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.990 ng

RT: 14.09 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BG045987.D

Acq: 9 Jul 2020 9:02

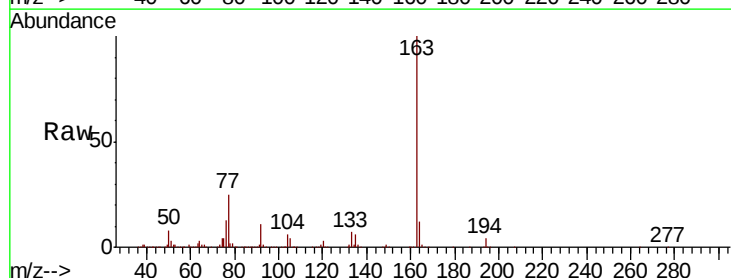
Tgt Ion:163 Resp: 990663

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

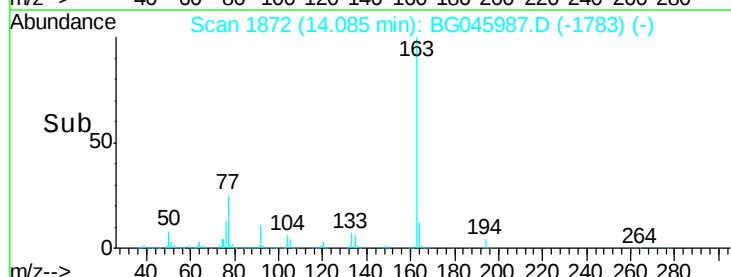
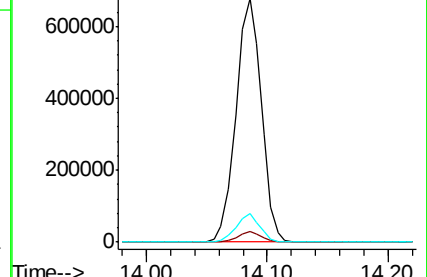
164 11.7 8.9 13.3

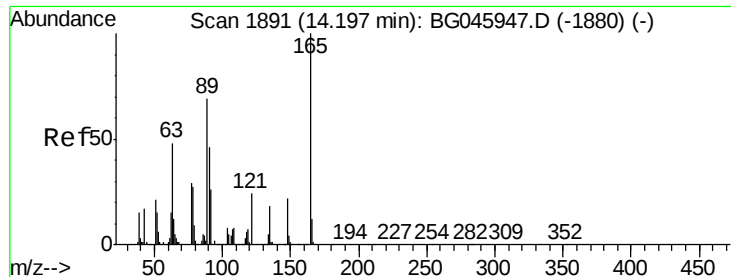


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 45.342 ng

RT: 14.19 min Scan# 1890

Delta R.T. -0.00 min

Lab File: BG045987.D

Acq: 9 Jul 2020 9:02

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

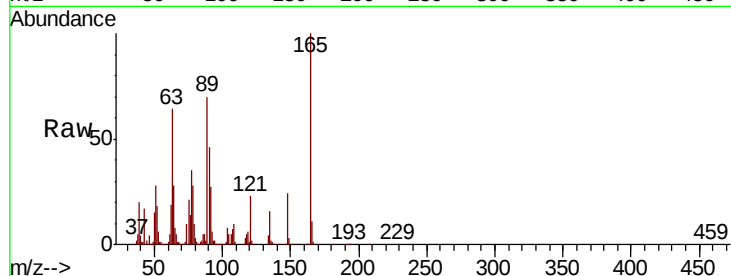
Tot Ion:165 Resp: 210557

Ion Ratio Lower Upper

165 100

63 64.4 51.0 76.4

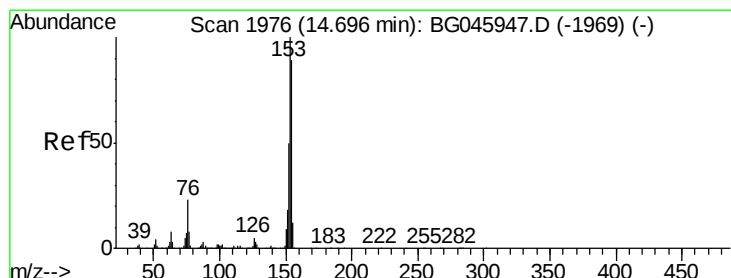
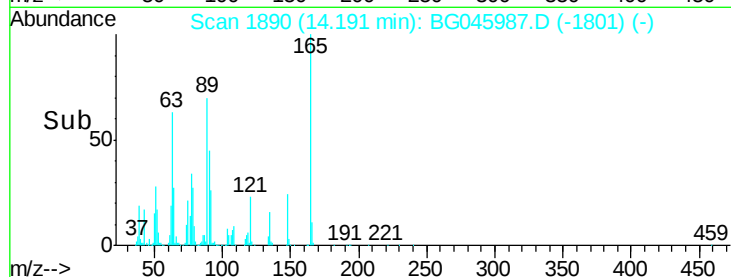
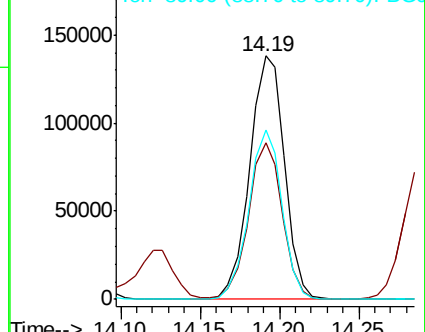
89 69.7 55.7 83.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 39.056 ng

RT: 14.70 min Scan# 1976

Delta R.T. 0.00 min

Lab File: BG045987.D

Acq: 9 Jul 2020 9:02

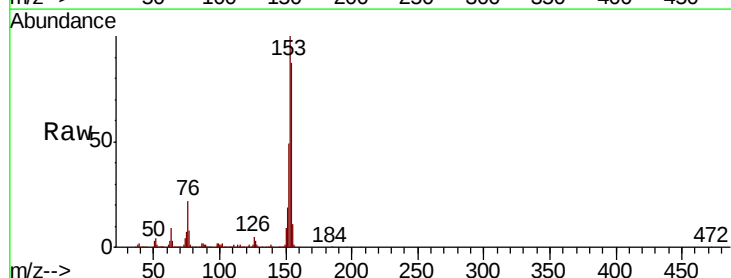
Tgt Ion:154 Resp: 819708

Ion Ratio Lower Upper

154 100

153 114.3 89.7 134.5

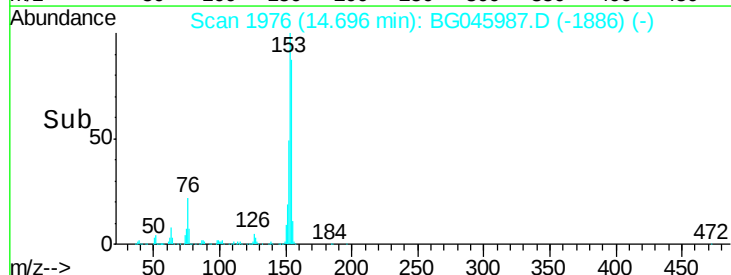
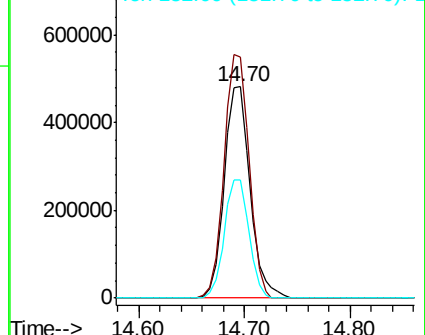
152 56.0 44.7 67.1

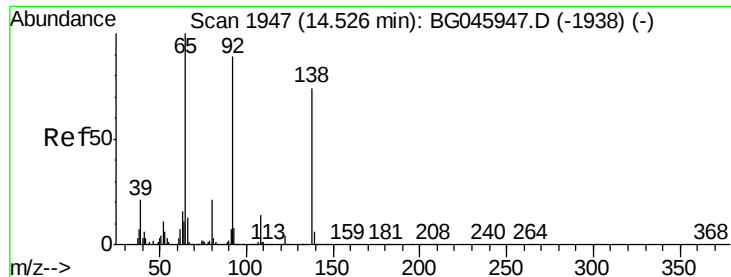


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 44.347 ng

RT: 14.52 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BG045987.D

Acq: 9 Jul 2020 9:02

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

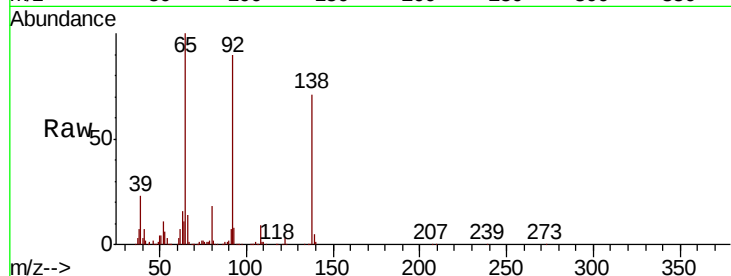
Tot Ion:138 Resp: 252409

Ion Ratio Lower Upper

138 100

108 12.4 15.4 23.2#

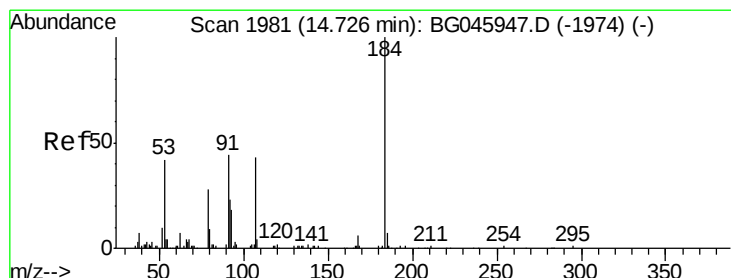
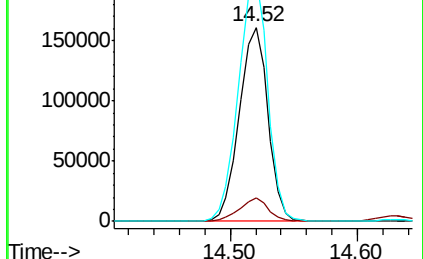
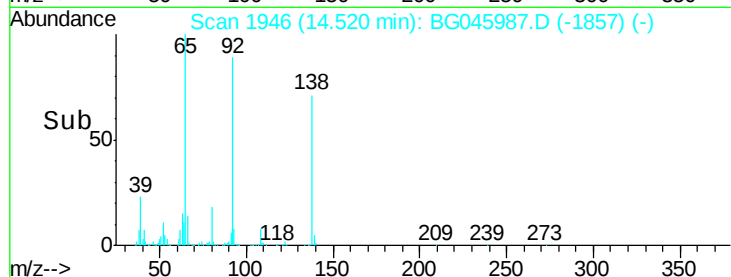
92 125.6 95.9 143.9



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: 41.810 ng

RT: 14.72 min Scan# 1980

Delta R.T. -0.01 min

Lab File: BG045987.D

Acq: 9 Jul 2020 9:02

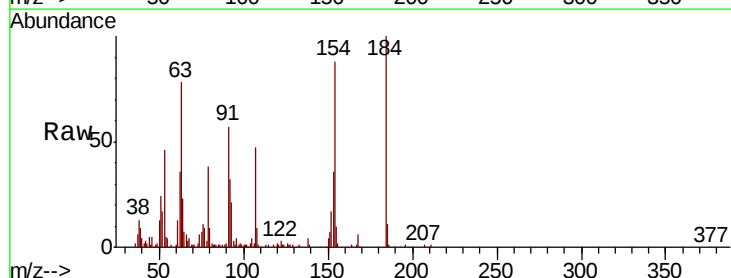
Tgt Ion:184 Resp: 67439

Ion Ratio Lower Upper

184 100

63 78.3 46.0 69.0#

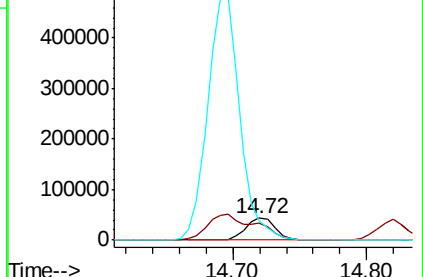
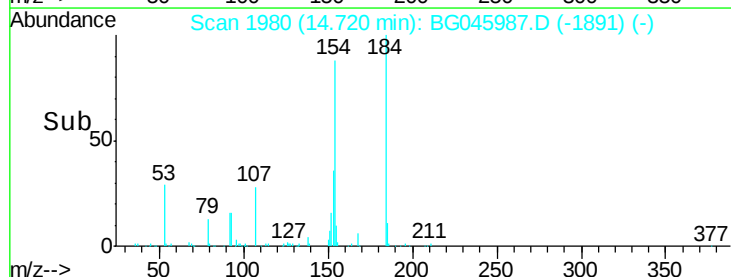
154 87.9 58.2 87.2#

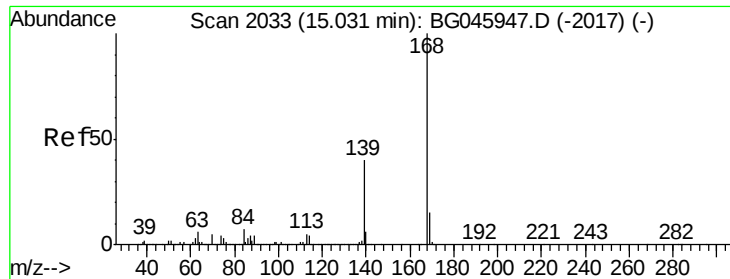


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

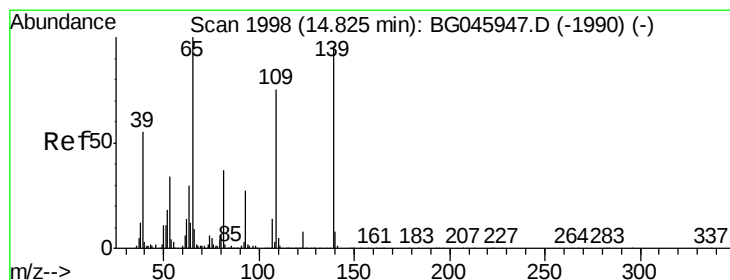
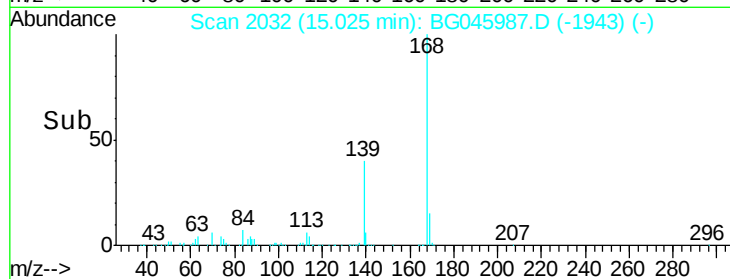
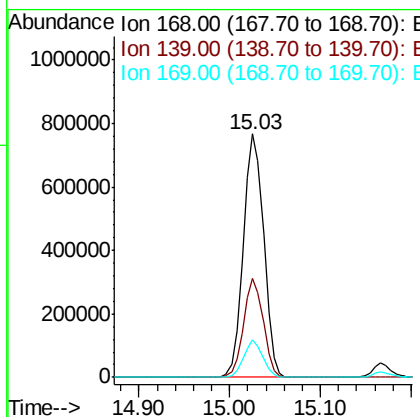
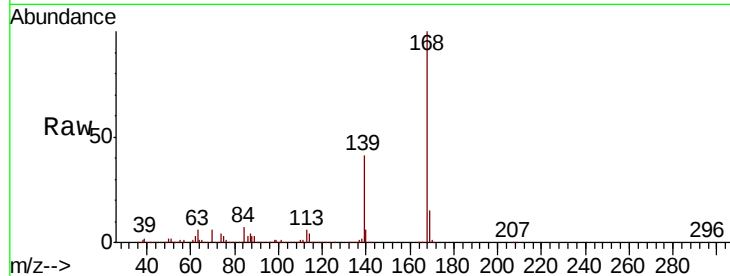




#55
Dibenzofuran
Concen: 38.636 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BG045987.D
Acq: 9 Jul 2020 9:02

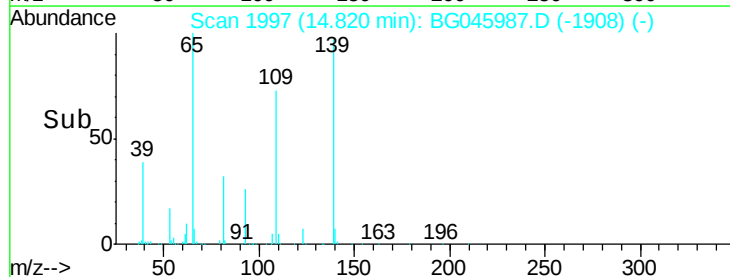
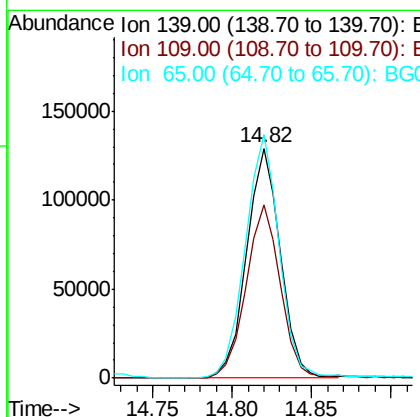
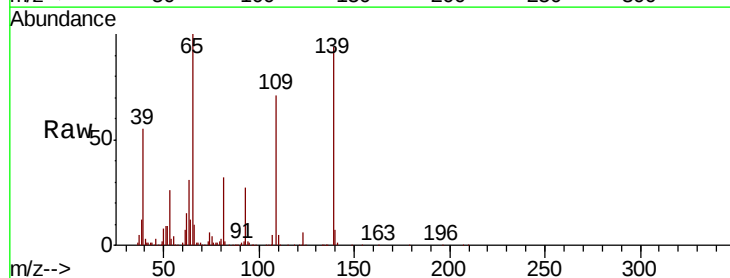
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

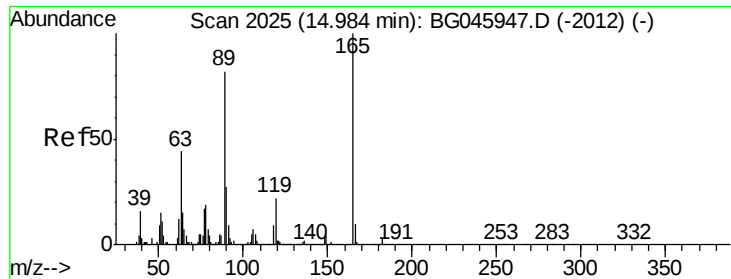
Tot Ion:168 Resp: 1188685
Ion Ratio Lower Upper
168 100
139 40.6 32.2 48.2
169 15.3 11.8 17.8



#56
4-Nitrophenol
Concen: 44.977 ng
RT: 14.82 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BG045987.D
Acq: 9 Jul 2020 9:02

Tgt Ion:139 Resp: 191081
Ion Ratio Lower Upper
139 100
109 75.3 58.5 98.5
65 106.1 84.7 124.7

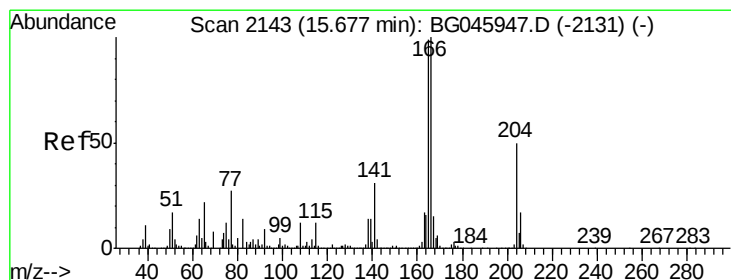
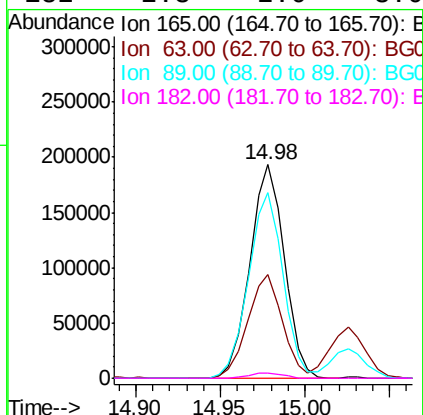
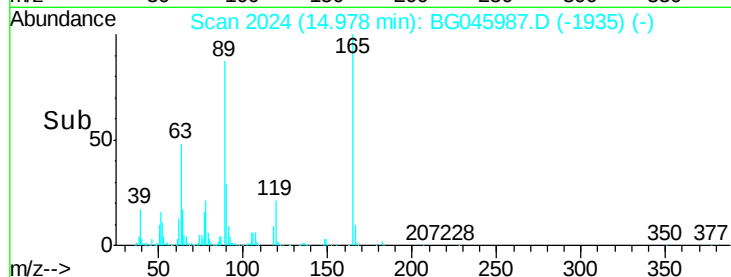
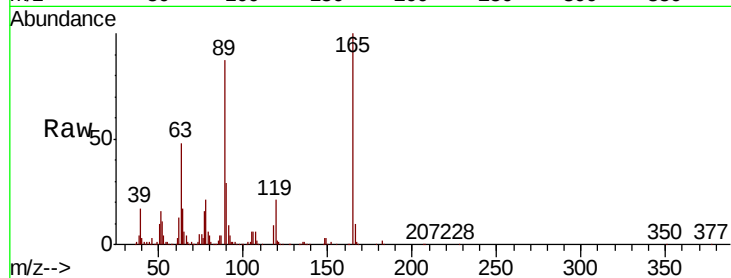




#57
 2,4-Dinitrotoluene
 Concen: 46.110 ng
 RT: 14.98 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BG045987.D
 Acq: 9 Jul 2020 9:02

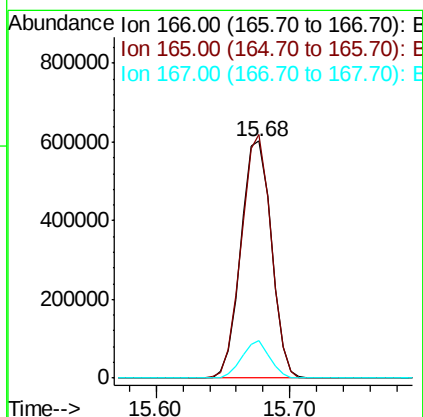
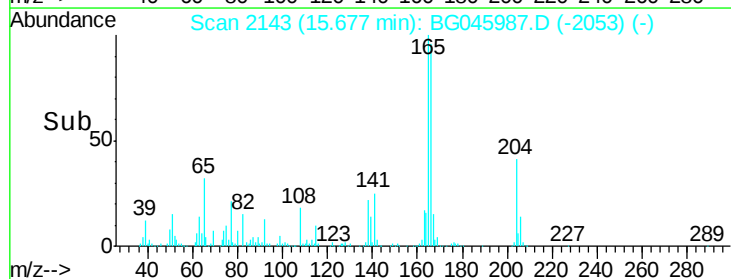
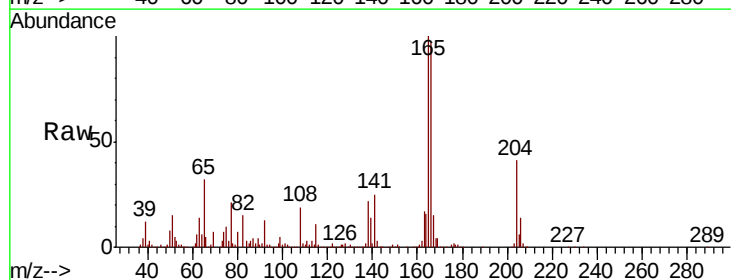
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

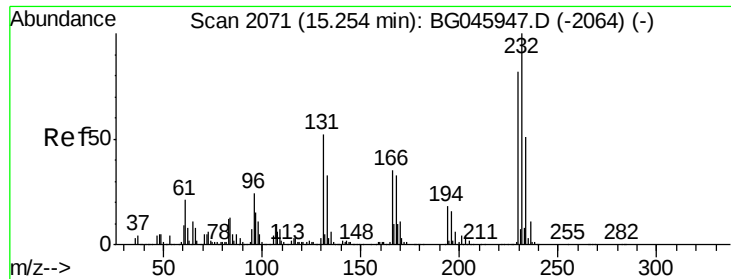
Tot Ion	Ratio	Lower	Upper
165	100		
63	48.4	35.4	53.0
89	86.8	65.4	98.2
182	2.3	2.0	3.0



#58
 Fluorene
 Concen: 37.549 ng
 RT: 15.68 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: BG045987.D
 Acq: 9 Jul 2020 9:02

Tgt Ion	Ratio	Lower	Upper
166	100		
165	102.7	78.9	118.3
167	15.7	12.1	18.1

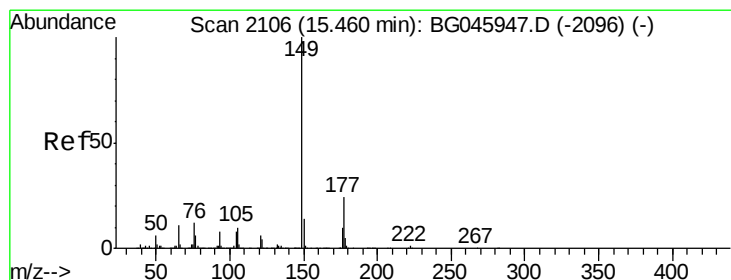
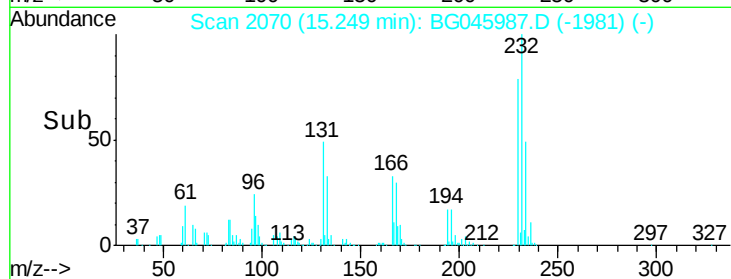
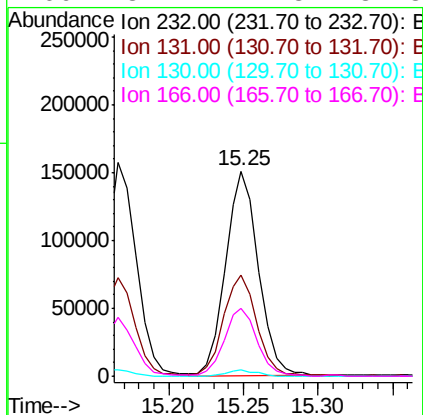
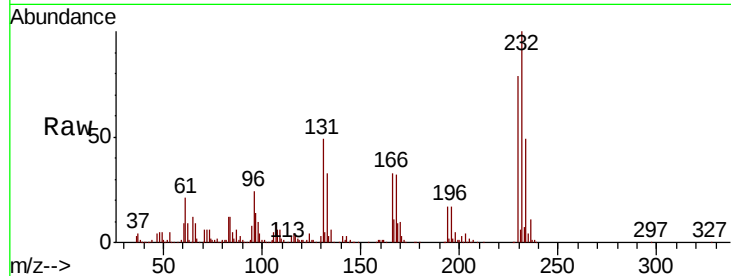




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.023 ng
 RT: 15.25 min Scan# 2070
 Delta R.T. -0.01 min
 Lab File: BG045987.D
 Acq: 9 Jul 2020 9:02

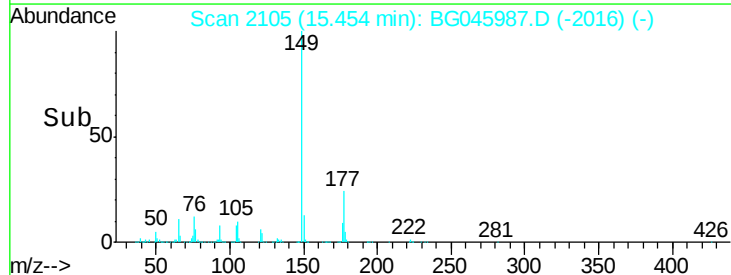
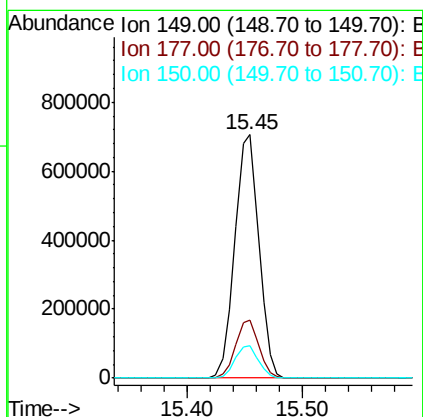
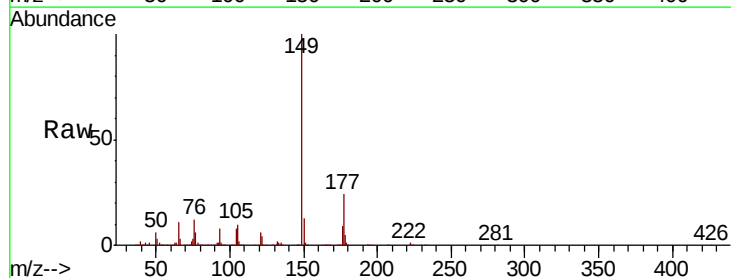
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

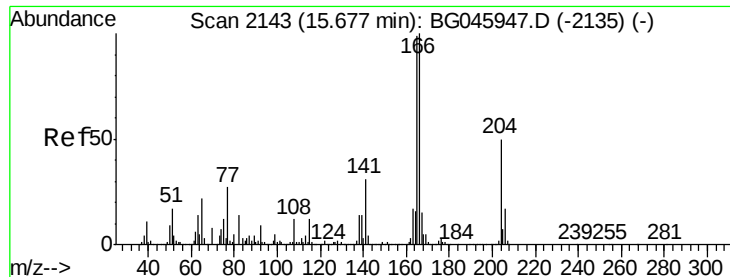
Tot Ion:	232	Resp:	231445
Ion	Ratio	Lower	Upper
232	100		
131	50.6	35.8	53.6
130	3.0	2.5	3.7
166	32.7	21.8	32.8



#60
 Diethylphthalate
 Concen: 37.182 ng
 RT: 15.45 min Scan# 2105
 Delta R.T. -0.01 min
 Lab File: BG045987.D
 Acq: 9 Jul 2020 9:02

Tgt Ion:	149	Resp:	1016827
Ion	Ratio	Lower	Upper
149	100		
177	23.9	19.0	28.4
150	13.1	11.0	16.4

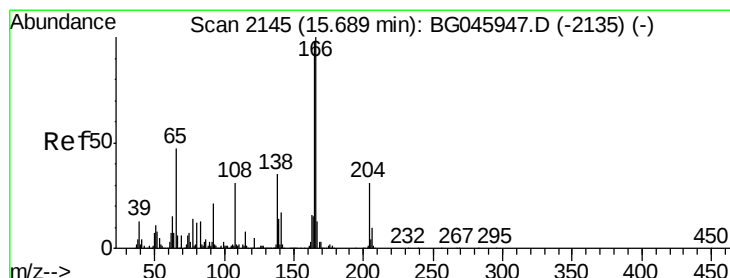
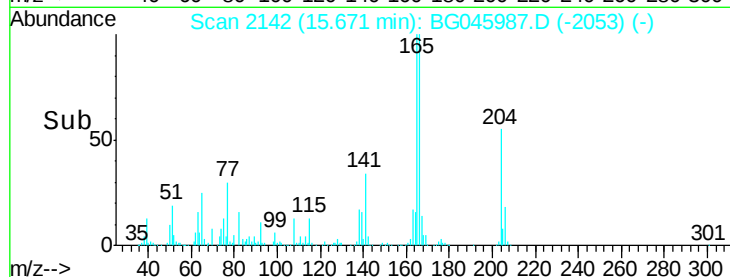
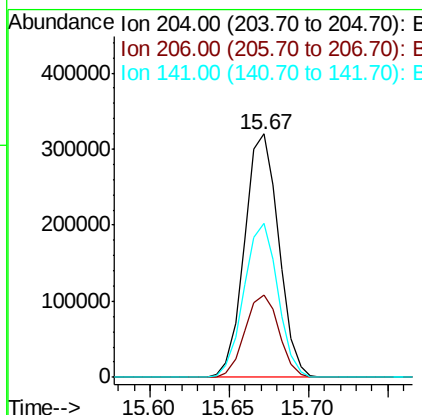
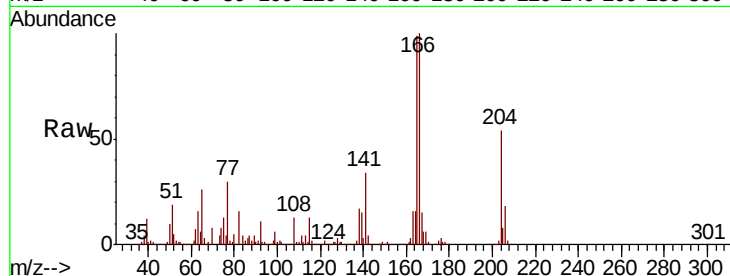




#61
4-Chlorophenyl-phenylether
Concen: 38.180 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BG045987.D
Acq: 9 Jul 2020 9:02

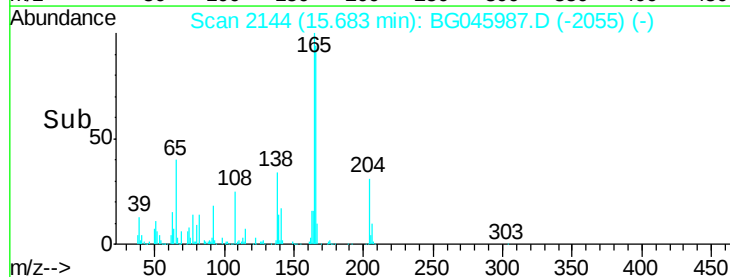
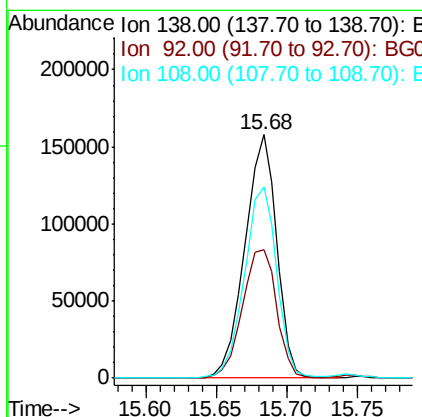
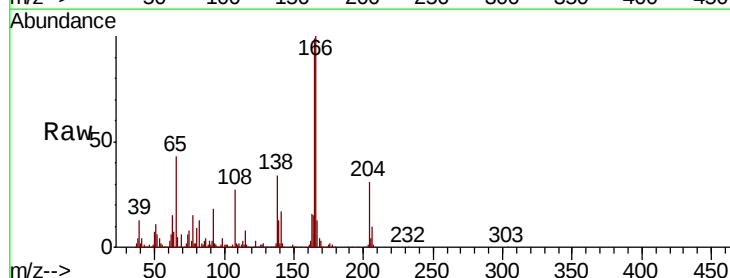
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

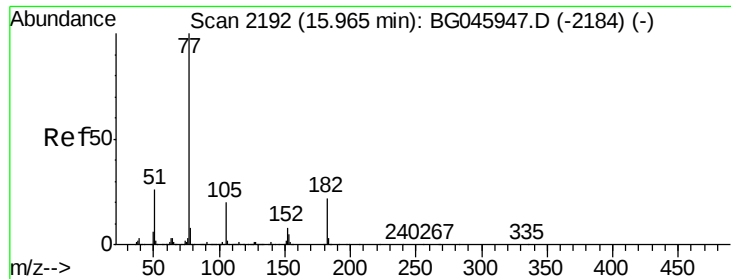
Tot Ion:204 Resp: 479396
Ion Ratio Lower Upper
204 100
206 33.6 27.1 40.7
141 63.2 49.8 74.8



#62
4-Nitroaniline
Concen: 46.450 ng
RT: 15.68 min Scan# 2144
Delta R.T. -0.01 min
Lab File: BG045987.D
Acq: 9 Jul 2020 9:02

Tgt Ion:138 Resp: 250343
Ion Ratio Lower Upper
138 100
92 52.9 40.3 80.3
108 78.5 68.0 108.0





#63

Azobenzene

Concen: 38.599 ng

RT: 15.97 min Scan# 2192

Delta R.T. 0.00 min

Lab File: BG045987.D

Acq: 9 Jul 2020 9:02

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 1132963

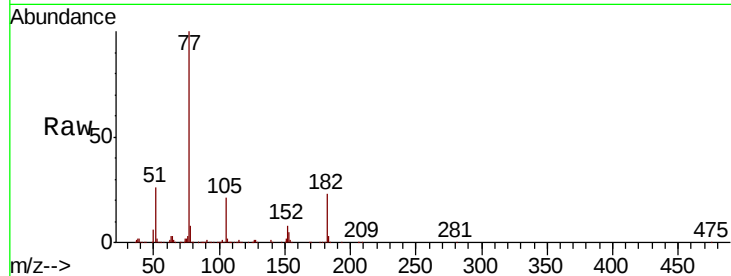
Ion Ratio Lower Upper

77 100

182 23.3 2.4 42.4

105 20.6 0.3 40.3

51 26.3 6.3 46.3

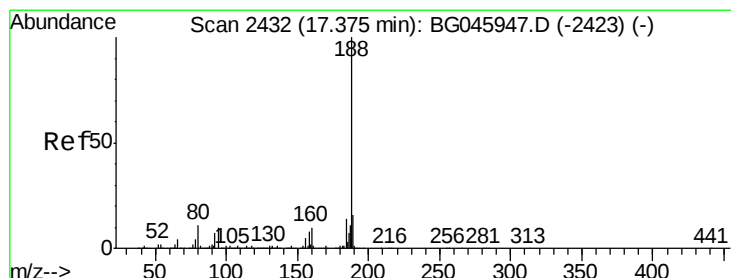
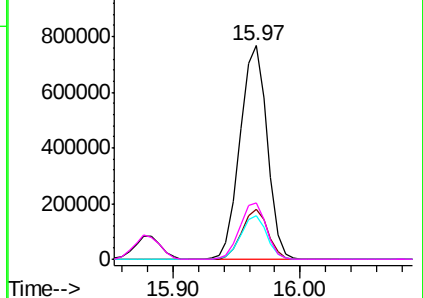
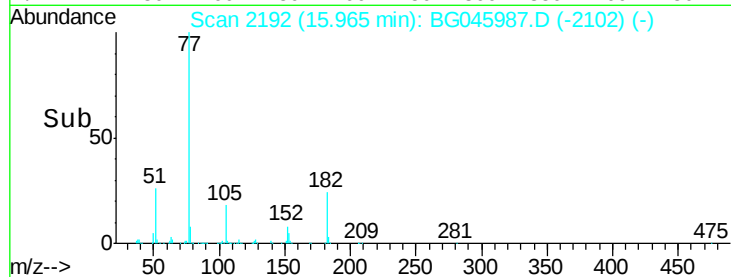


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.37 min Scan# 2431

Delta R.T. -0.01 min

Lab File: BG045987.D

Acq: 9 Jul 2020 9:02

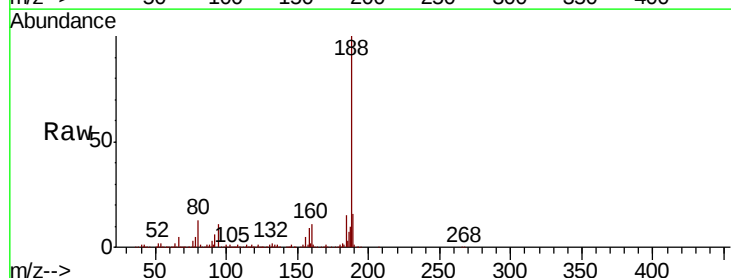
Tgt Ion: 188 Resp: 698862

Ion Ratio Lower Upper

188 100

94 11.0 8.2 12.4

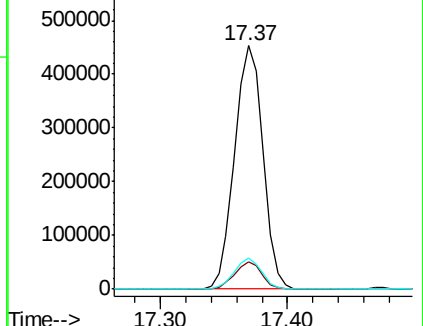
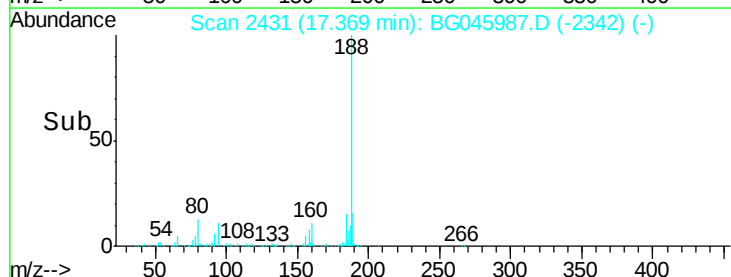
80 12.8 9.0 13.6

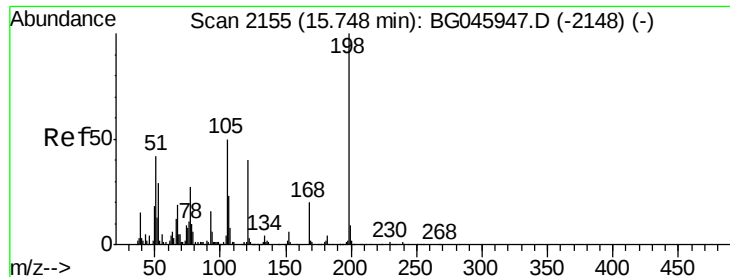


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 43.229 ng

RT: 15.74 min Scan# 2154

Delta R.T. -0.01 min

Lab File: BG045987.D

Acq: 9 Jul 2020 9:02

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

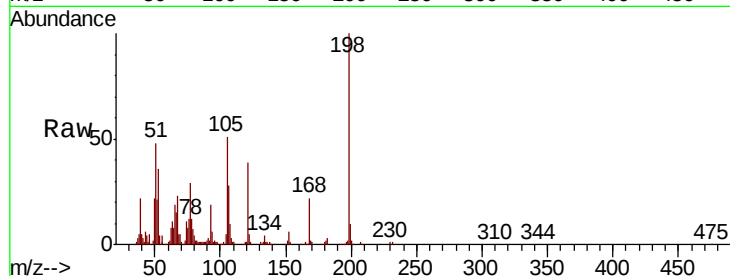
Tot Ion:198 Resp: 102131

Ion Ratio Lower Upper

198 100

51 48.5 24.5 64.5

105 51.1 30.9 70.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E

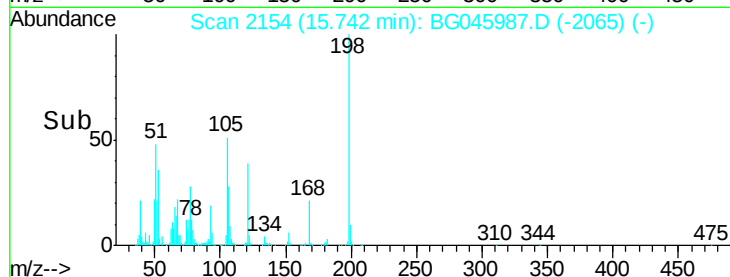
150000

100000

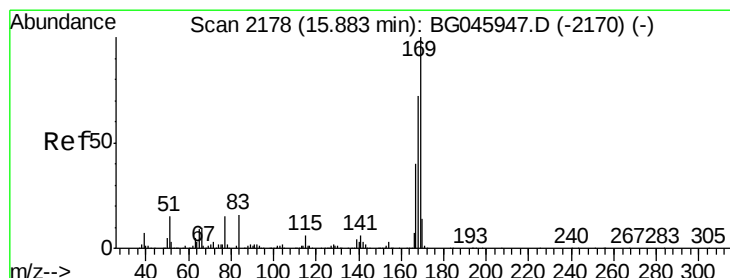
50000

0

15.65 15.70 15.75 15.80



Time--> 15.65 15.70 15.75 15.80



#66

n-Nitrosodiphenylamine

Concen: 38.548 ng

RT: 15.88 min Scan# 2178

Delta R.T. 0.00 min

Lab File: BG045987.D

Acq: 9 Jul 2020 9:02

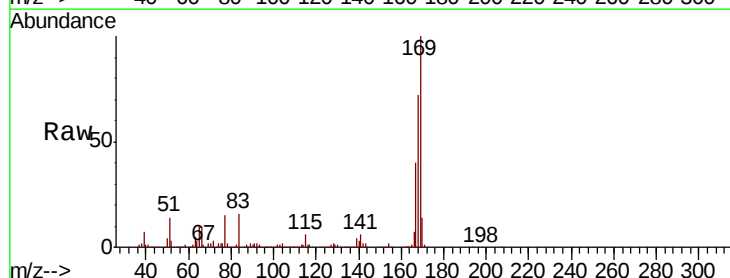
Tgt Ion:169 Resp: 834820

Ion Ratio Lower Upper

169 100

168 72.5 57.3 85.9

167 40.4 32.1 48.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

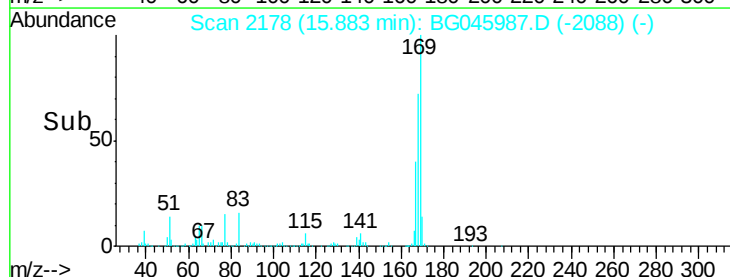
600000

400000

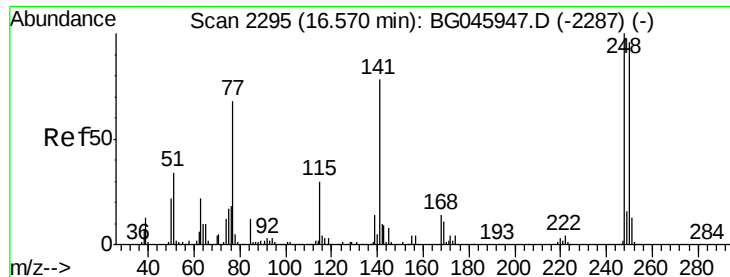
200000

0

15.80 15.90



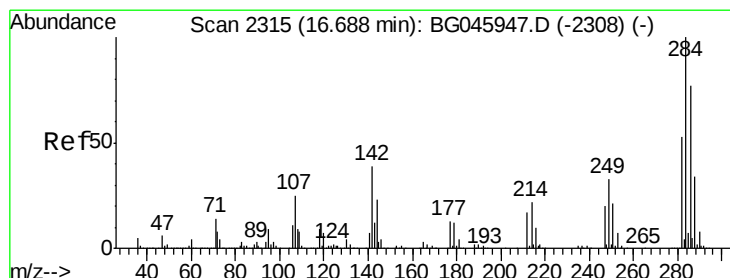
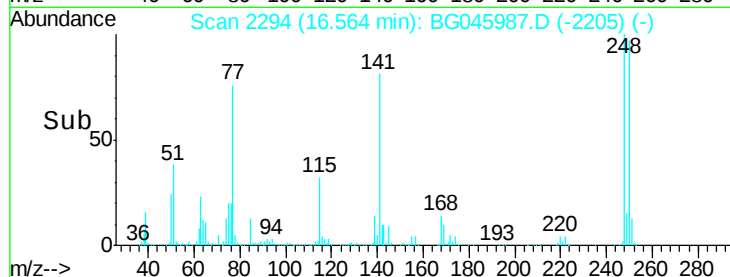
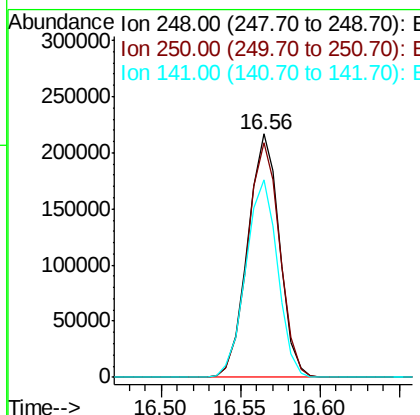
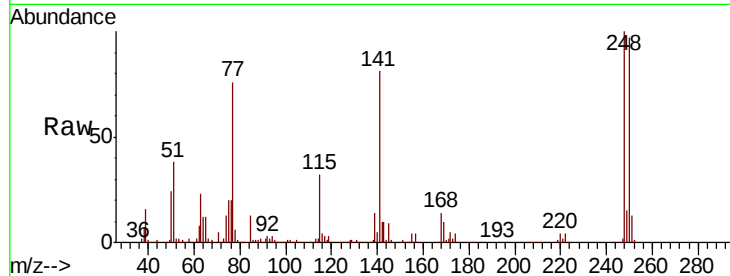
Time--> 15.80 15.90



#67
4-Bromophenyl-phenylether
Concen: 38.640 ng
RT: 16.56 min Scan# 2294
Delta R.T. -0.01 min
Lab File: BG045987.D
Acq: 9 Jul 2020 9:02

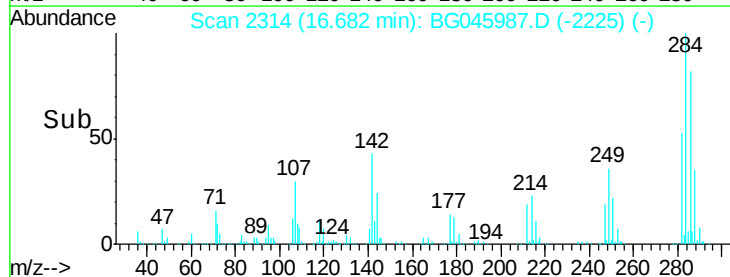
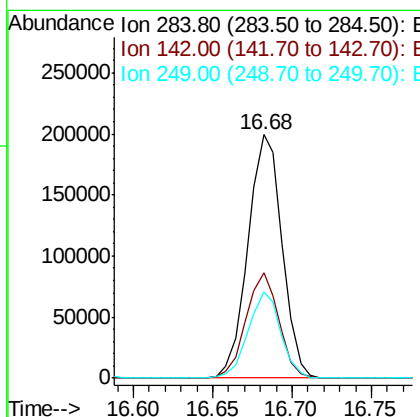
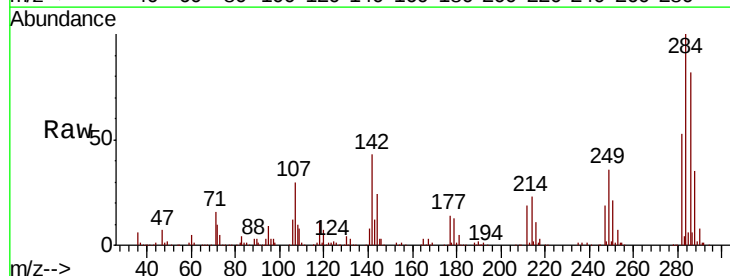
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

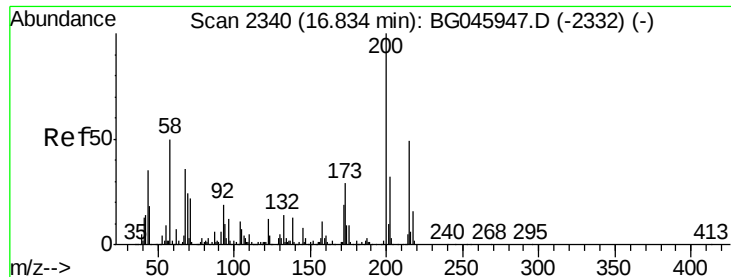
Tot Ion	Ratio	Lower	Upper
248	100		
250	96.6	76.6	114.8
141	81.3	62.7	94.1



#68
Hexachlorobenzene
Concen: 38.037 ng
RT: 16.68 min Scan# 2314
Delta R.T. -0.01 min
Lab File: BG045987.D
Acq: 9 Jul 2020 9:02

Tgt Ion	Ratio	Lower	Upper
284	100		
142	43.3	31.3	46.9
249	35.5	26.8	40.2





#69

Atrazine

Concen: 37.523 ng

RT: 16.83 min Scan# 2339

Delta R.T. -0.01 min

Lab File: BG045987.D

Acq: 9 Jul 2020 9:02

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

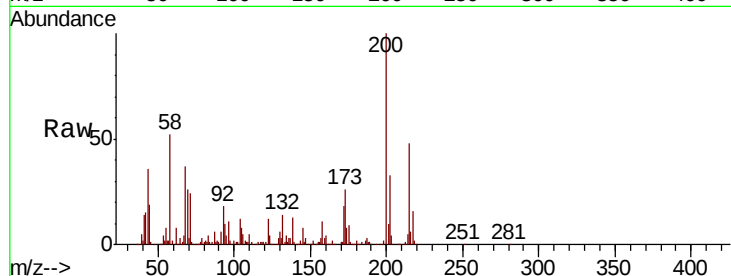
Tot Ion:200 Resp: 240261

Ion Ratio Lower Upper

200 100

173 25.6 9.1 49.1

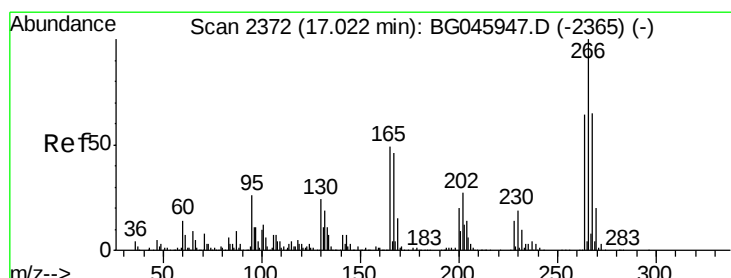
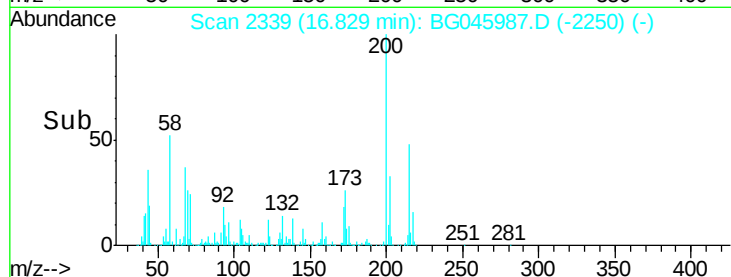
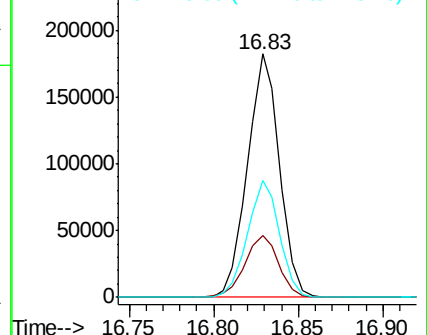
215 47.8 28.8 68.8



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: 40.004 ng

RT: 17.02 min Scan# 2371

Delta R.T. -0.01 min

Lab File: BG045987.D

Acq: 9 Jul 2020 9:02

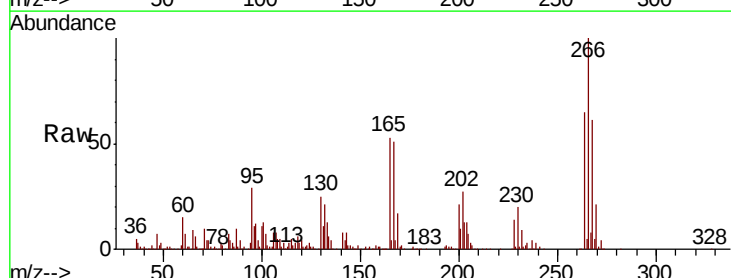
Tgt Ion:266 Resp: 174205

Ion Ratio Lower Upper

266 100

268 61.3 51.8 77.8

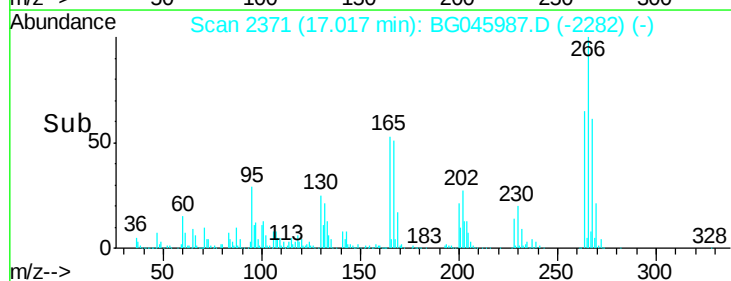
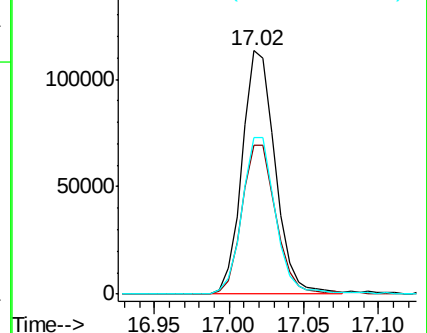
264 64.5 51.4 77.0

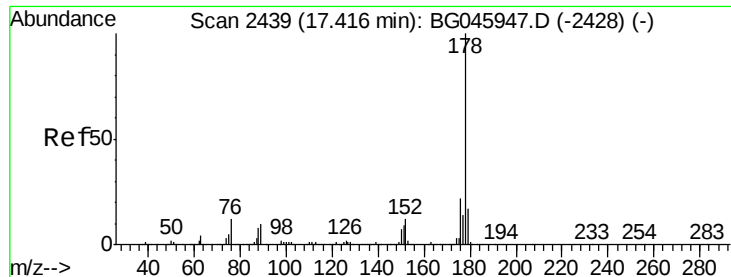


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 38.505 ng

RT: 17.41 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG045987.D

Acq: 9 Jul 2020 9:02

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

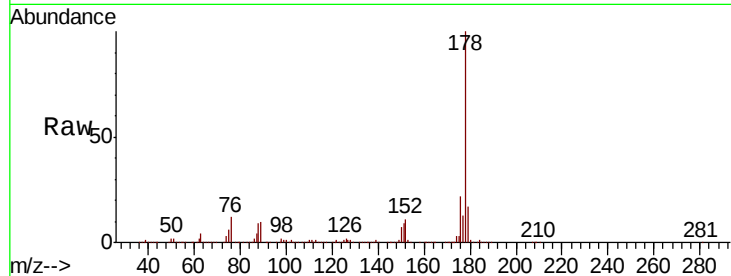
Tot Ion:178 Resp: 1422656

Ion Ratio Lower Upper

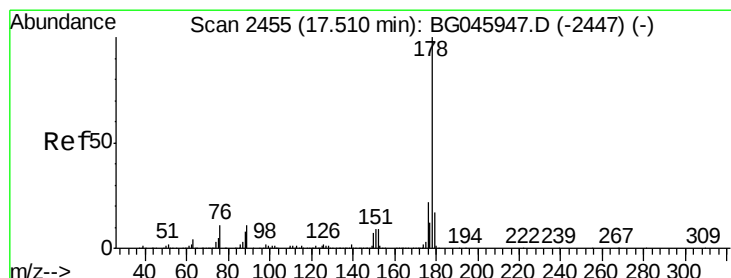
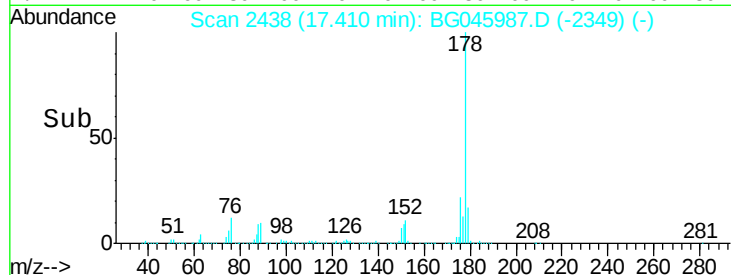
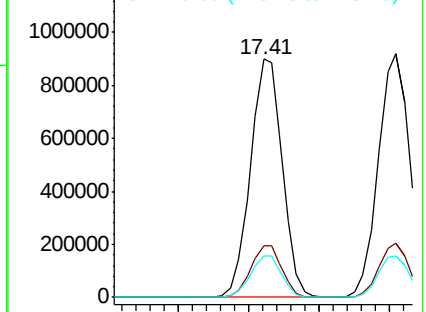
178 100

176 21.8 17.4 26.2

179 17.3 13.4 20.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 38.043 ng

RT: 17.50 min Scan# 2454

Delta R.T. -0.01 min

Lab File: BG045987.D

Acq: 9 Jul 2020 9:02

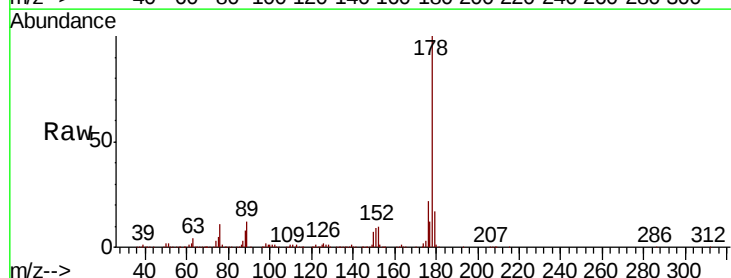
Tgt Ion:178 Resp: 1426439

Ion Ratio Lower Upper

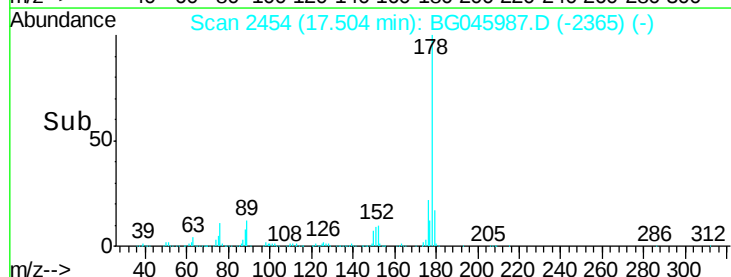
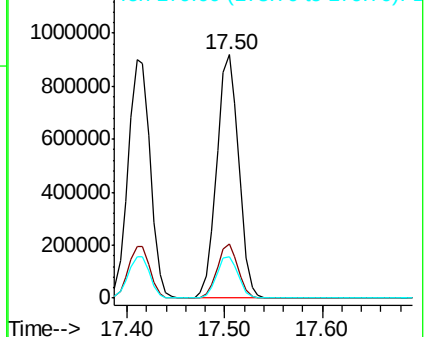
178 100

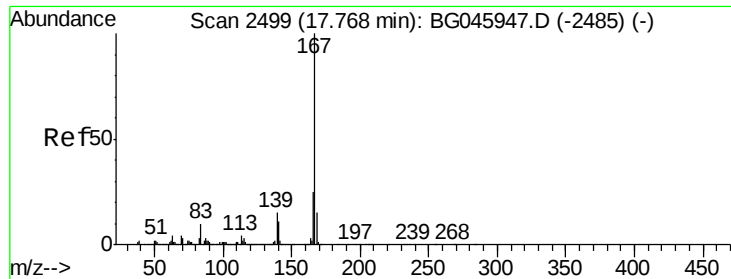
176 22.3 17.2 25.8

179 17.2 14.0 21.0



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 37.811 ng

RT: 17.77 min Scan# 2499

Delta R.T. 0.00 min

Lab File: BG045987.D

Acq: 9 Jul 2020 9:02

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

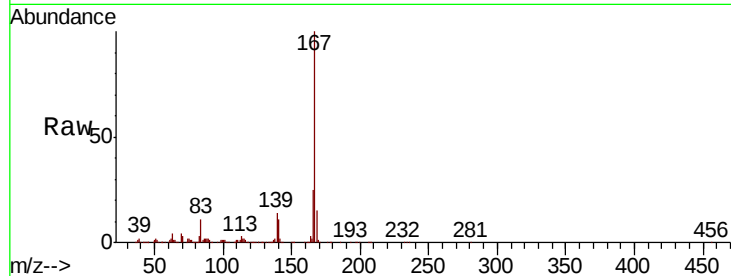
Tot Ion:167 Resp: 1421061

Ion Ratio Lower Upper

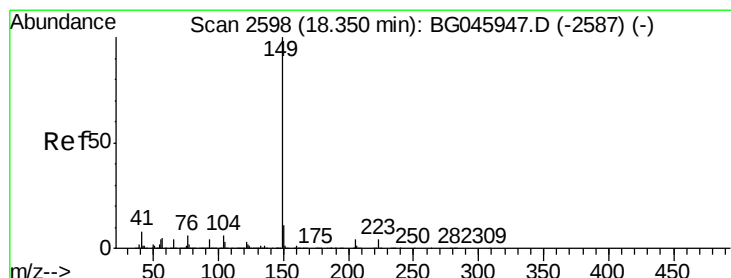
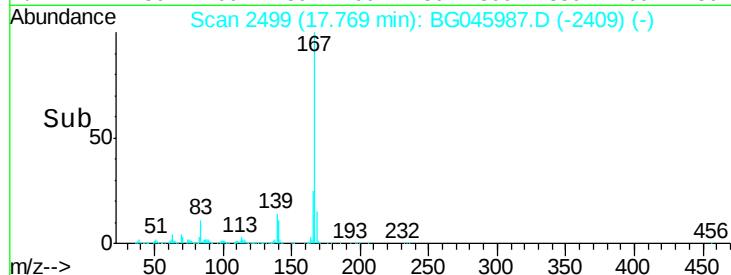
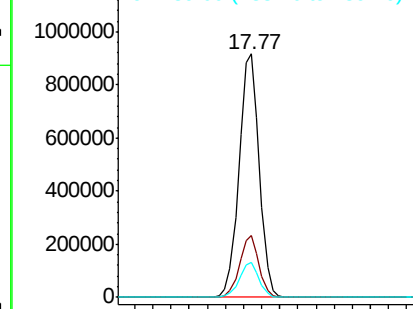
167 100

166 25.3 20.4 30.6

139 14.2 11.8 17.8



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: 37.151 ng

RT: 18.34 min Scan# 2597

Delta R.T. -0.01 min

Lab File: BG045987.D

Acq: 9 Jul 2020 9:02

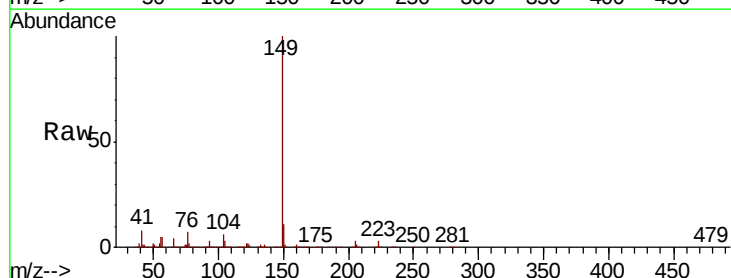
Tgt Ion:149 Resp: 1687244

Ion Ratio Lower Upper

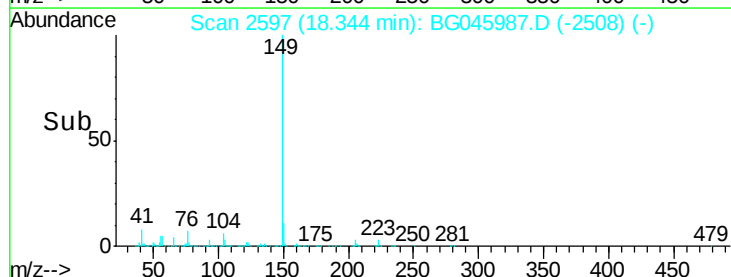
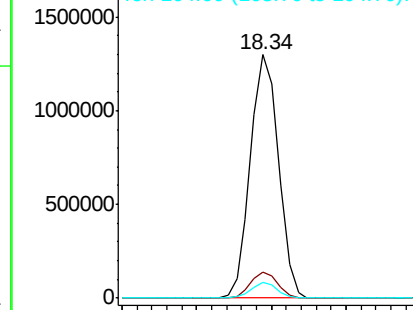
149 100

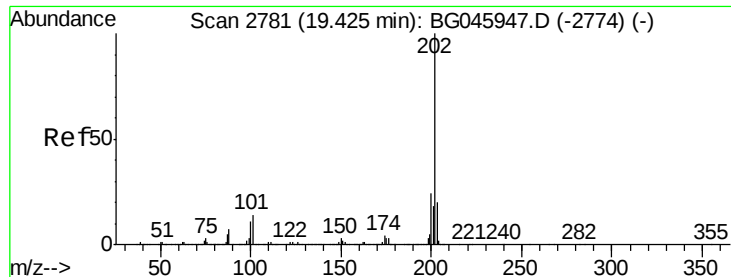
150 10.8 9.0 13.4

104 6.3 5.2 7.8



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: 37.796 ng

RT: 19.42 min Scan# 2780

Delta R.T. -0.01 min

Lab File: BG045987.D

Acq: 9 Jul 2020 9:02

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

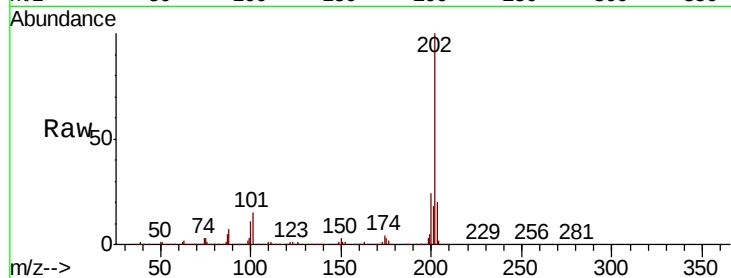
Tot Ion:202 Resp: 1614295

Ion Ratio Lower Upper

202 100

101 14.9 0.0 33.8

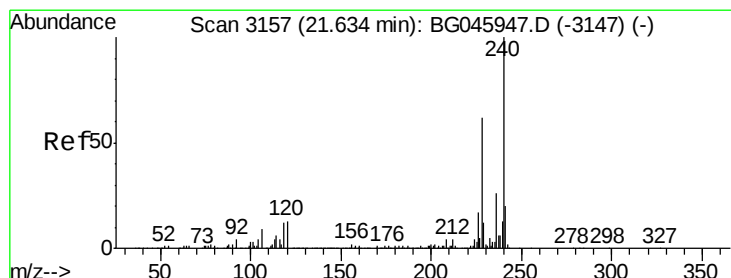
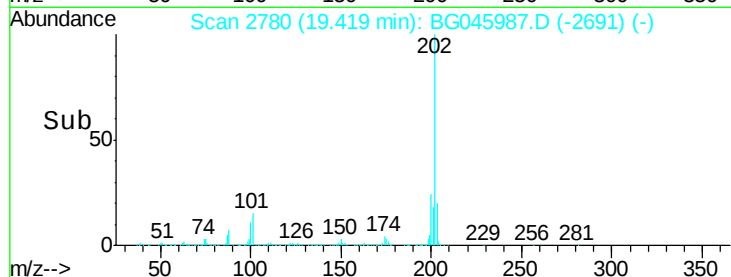
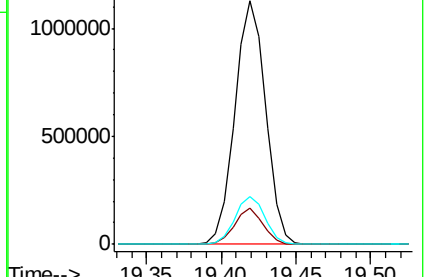
203 19.9 0.4 40.4



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: 21.63 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG045987.D

Acq: 9 Jul 2020 9:02

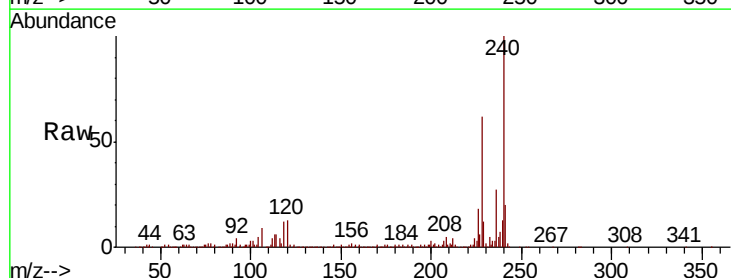
Tgt Ion:240 Resp: 591949

Ion Ratio Lower Upper

240 100

120 12.7 10.6 16.0

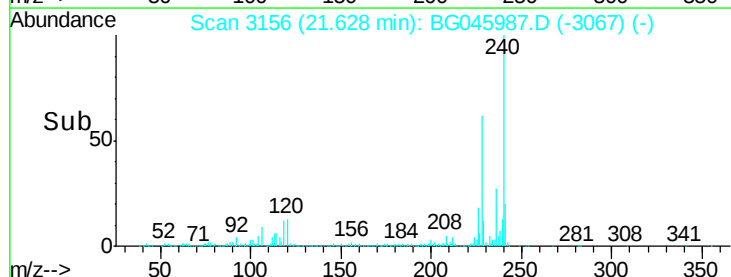
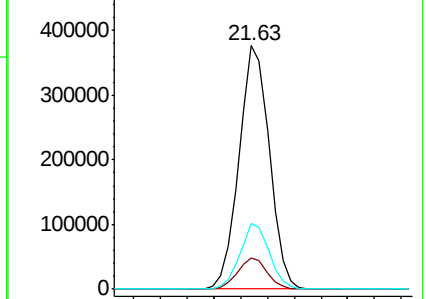
236 26.8 20.4 30.6

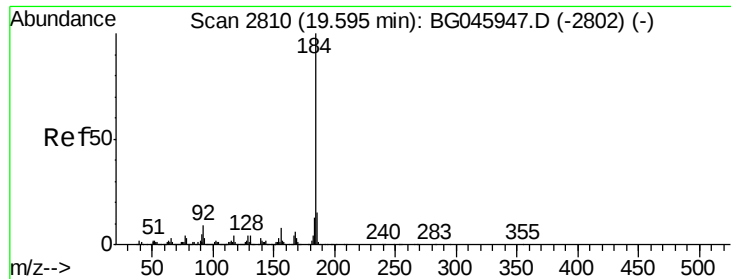


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 43.912 ng

RT: 19.60 min Scan# 2810

Delta R.T. 0.00 min

Lab File: BG045987.D

Acq: 9 Jul 2020 9:02

Instrument :

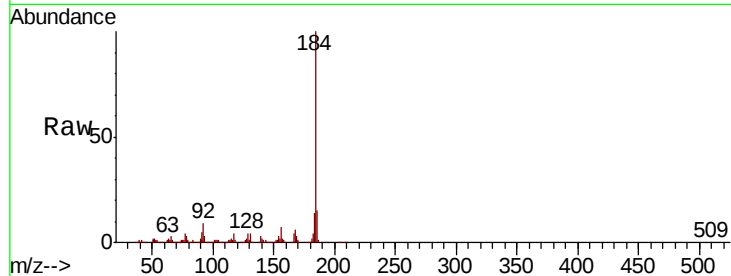
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 743219

Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.6	17.4
183	13.5	10.4	15.6

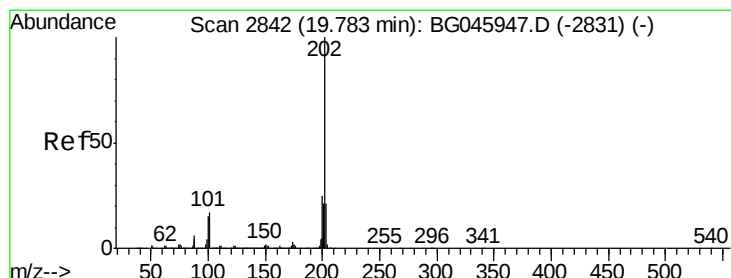
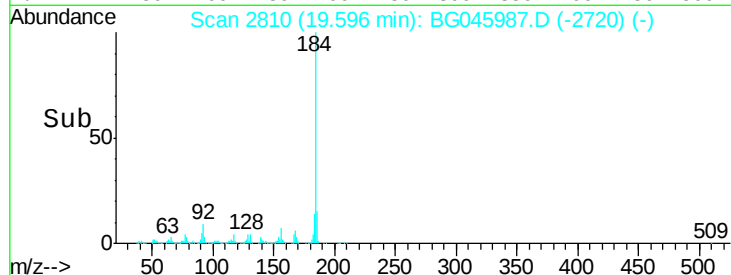
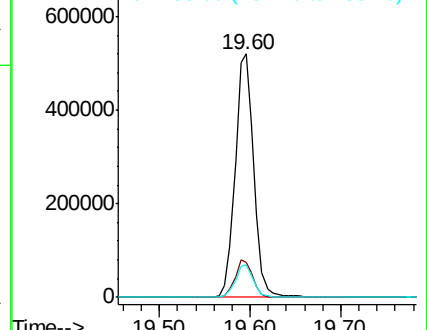


Abundance

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: 40.339 ng

RT: 19.78 min Scan# 2841

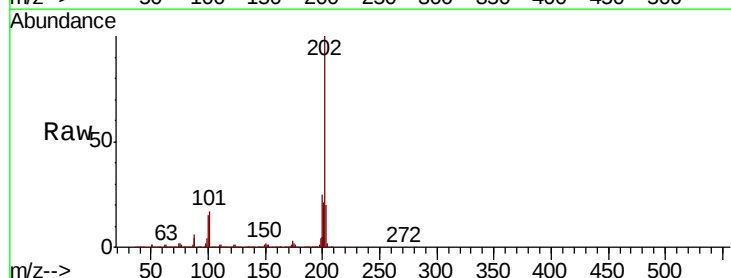
Delta R.T. -0.01 min

Lab File: BG045987.D

Acq: 9 Jul 2020 9:02

Tgt Ion:202 Resp: 1629967

Ion	Ratio	Lower	Upper
202	100		
200	24.8	20.1	30.1
203	20.4	16.5	24.7

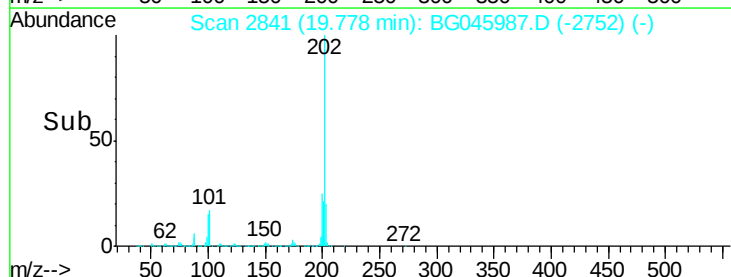
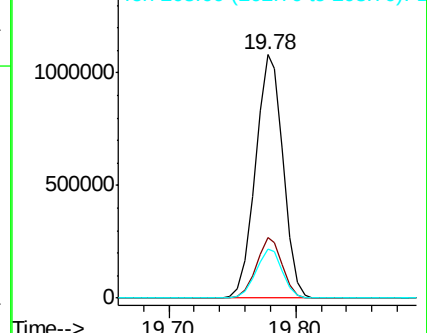


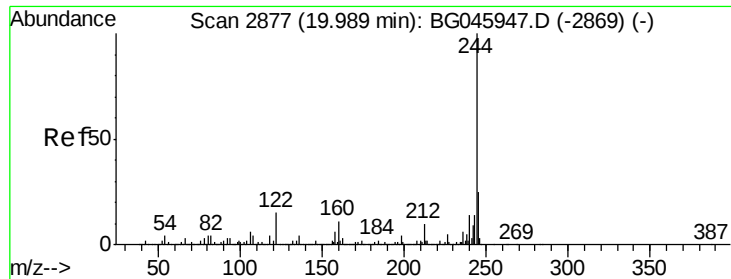
Abundance

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: 77.618 ng

RT: 19.98 min Scan# 2876

Delta R.T. -0.01 min

Lab File: BG045987.D

Acq: 9 Jul 2020 9:02

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

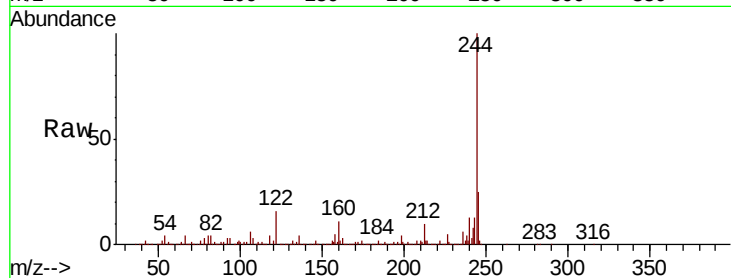
Tot Ion:244 Resp: 2064497

Ion Ratio Lower Upper

244 100

212 9.7 8.3 12.5

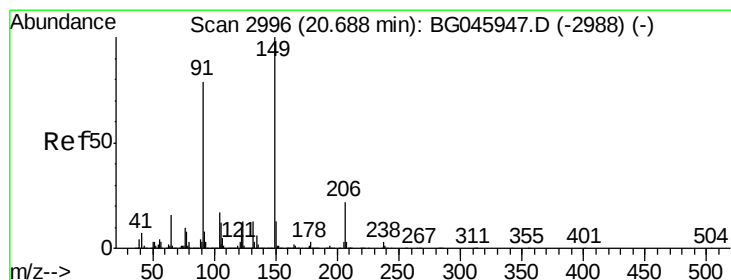
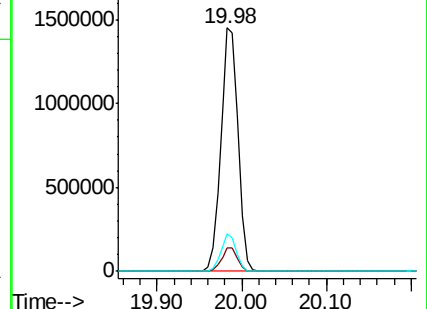
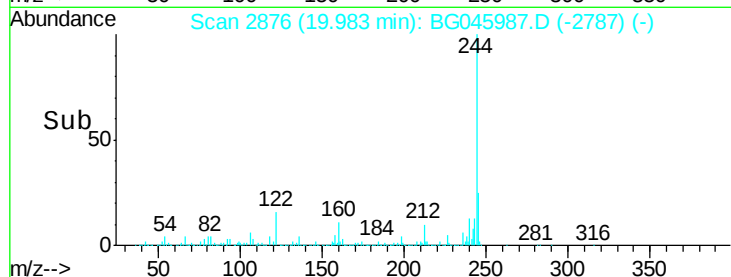
122 15.5 12.1 18.1



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: 39.875 ng

RT: 20.68 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BG045987.D

Acq: 9 Jul 2020 9:02

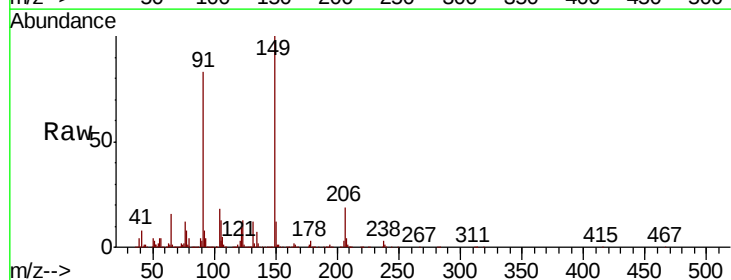
Tgt Ion:149 Resp: 761392

Ion Ratio Lower Upper

149 100

91 82.7 63.1 94.7

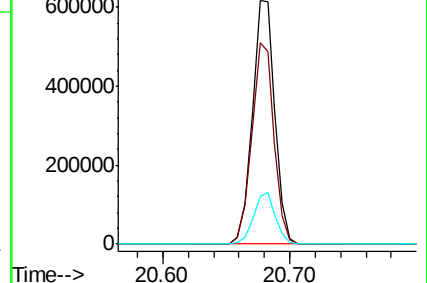
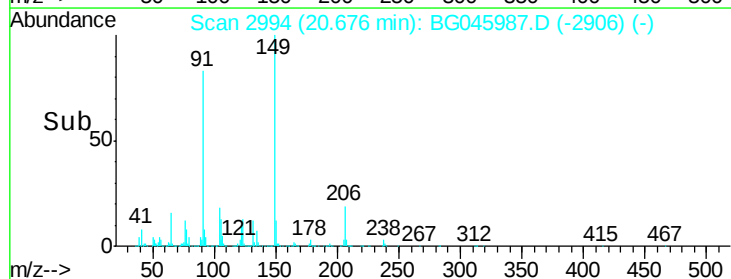
206 19.4 17.4 26.0

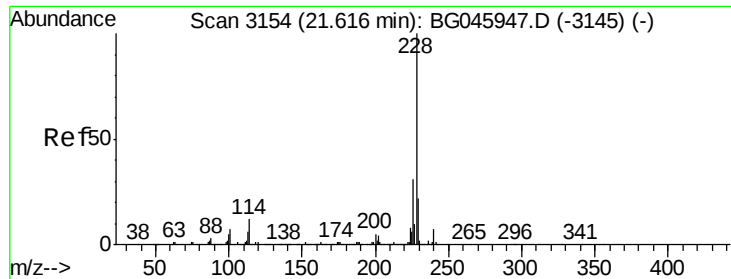


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

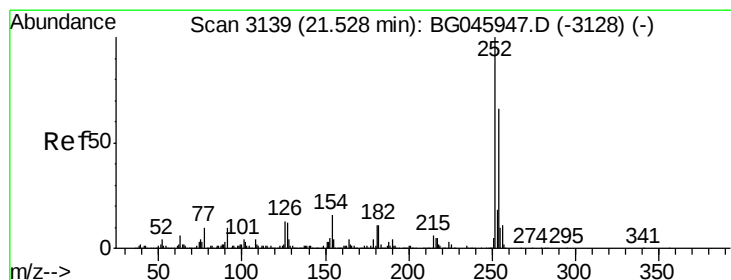
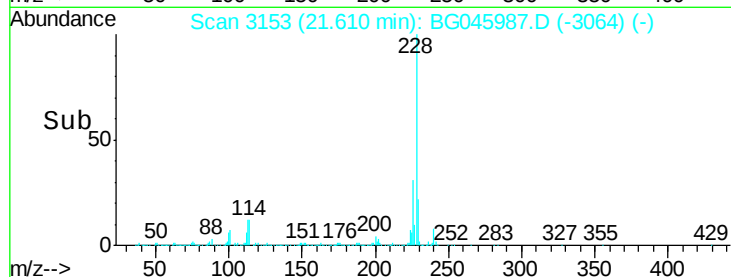
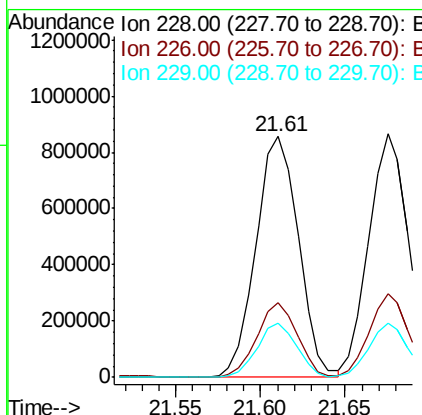
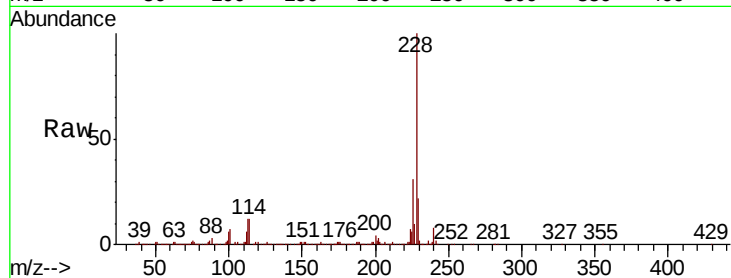




#81
Benzo(a)anthracene
Concen: 38.345 ng
RT: 21.61 min Scan# 3153
Delta R.T. -0.01 min
Lab File: BG045987.D
Acq: 9 Jul 2020 9:02

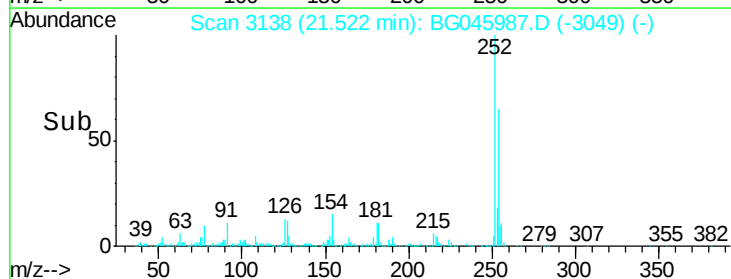
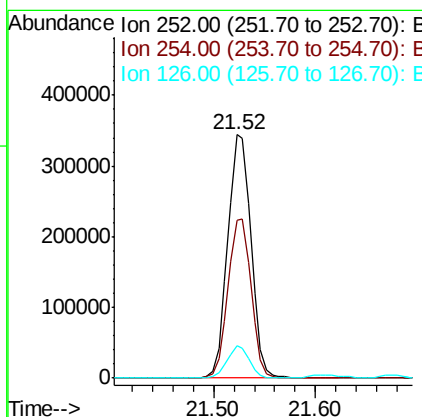
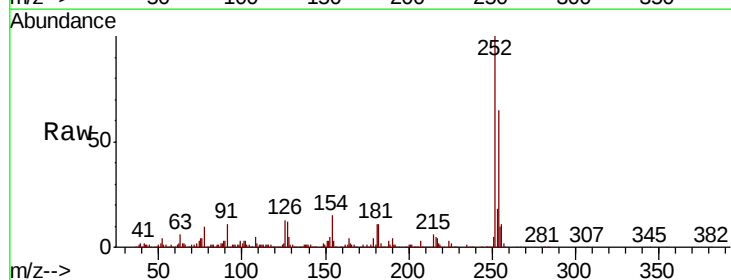
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

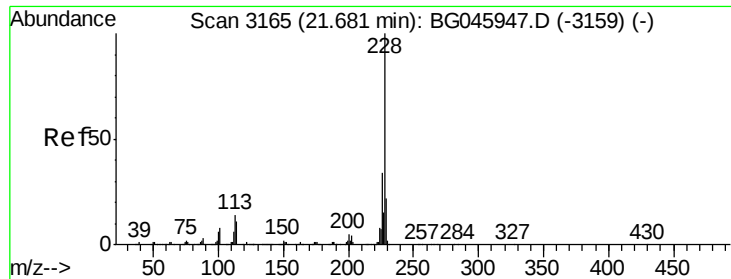
Tot Ion:228 Resp: 1492476
Ion Ratio Lower Upper
228 100
226 30.8 24.8 37.2
229 22.3 17.8 26.8



#82
3,3'-Dichlorobenzidine
Concen: 38.065 ng
RT: 21.52 min Scan# 3138
Delta R.T. -0.01 min
Lab File: BG045987.D
Acq: 9 Jul 2020 9:02

Tgt Ion:252 Resp: 547476
Ion Ratio Lower Upper
252 100
254 64.9 52.9 79.3
126 13.4 10.4 15.6





#83

Chrvsene

Concen: 38.000 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.01 min

Lab File: BG045987.D

Acq: 9 Jul 2020 9:02

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

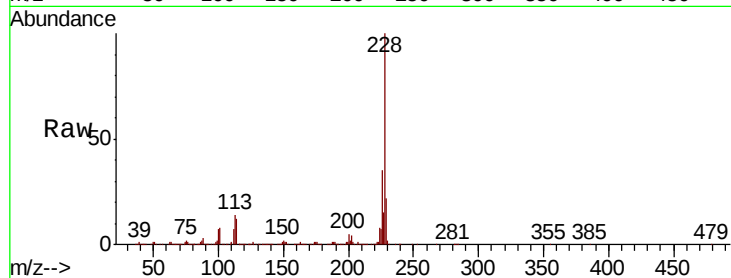
Tot Ion:228 Resp: 1409066

Ion Ratio Lower Upper

228 100

226 34.5 26.7 40.1

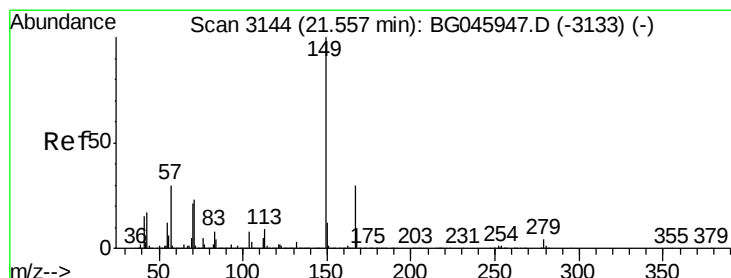
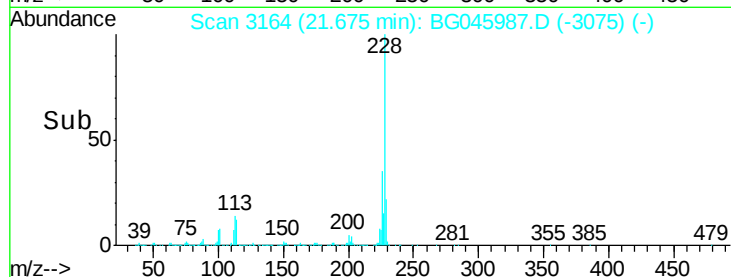
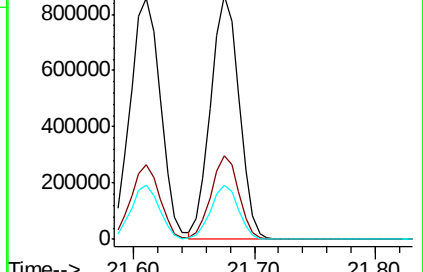
229 22.1 17.3 25.9



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: 38.664 ng

RT: 21.55 min Scan# 3143

Delta R.T. -0.01 min

Lab File: BG045987.D

Acq: 9 Jul 2020 9:02

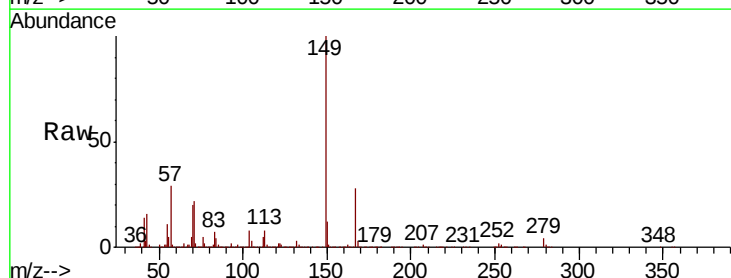
Tgt Ion:149 Resp: 1071652

Ion Ratio Lower Upper

149 100

167 27.9 23.8 35.8

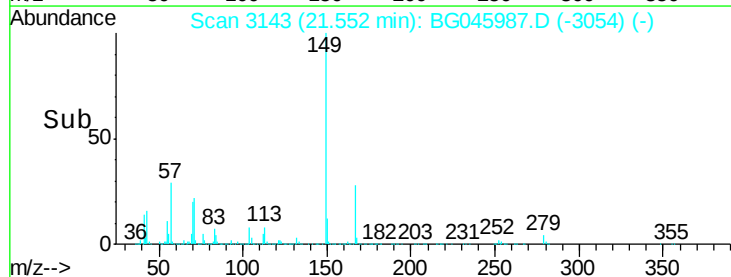
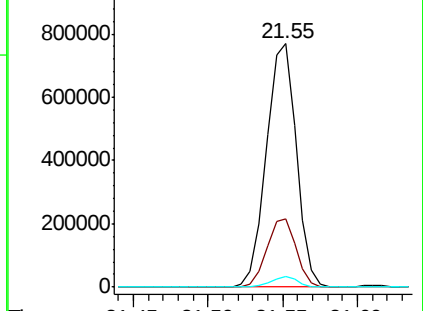
279 4.2 3.5 5.3

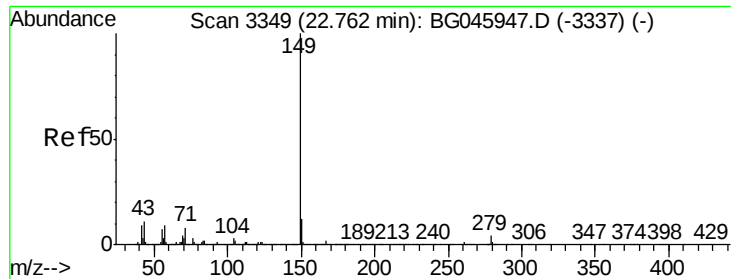


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

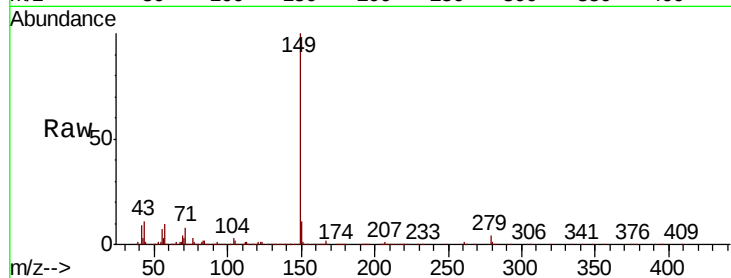




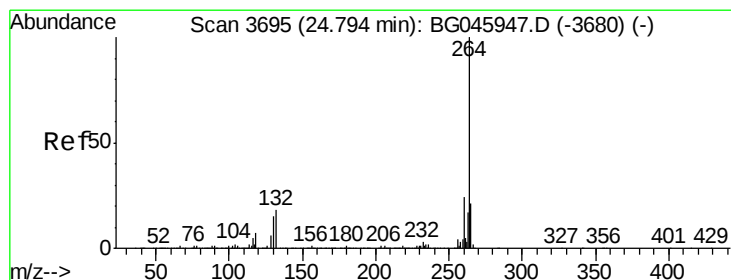
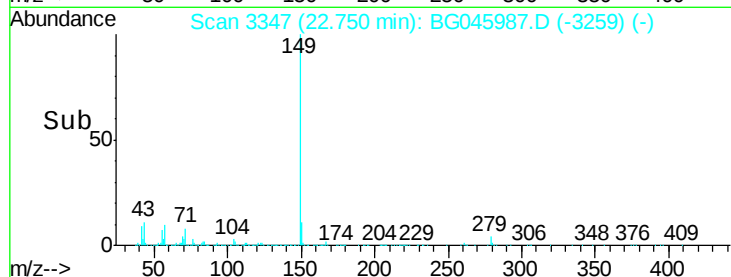
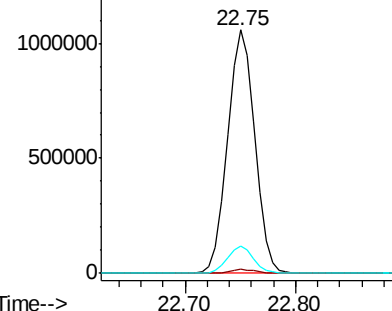
#85
Di-n-octyl phthalate
Concen: 38.120 ng
RT: 22.75 min Scan# 3347
Delta R.T. -0.01 min
Lab File: BG045987.D
Acq: 9 Jul 2020 9:02

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 1833549
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 10.7 8.6 12.8

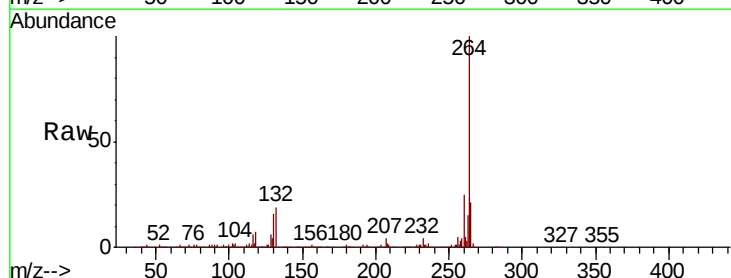


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): B

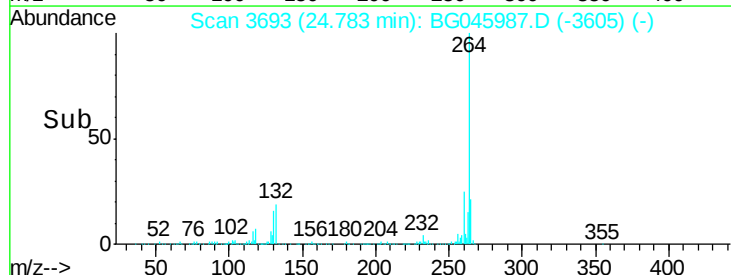
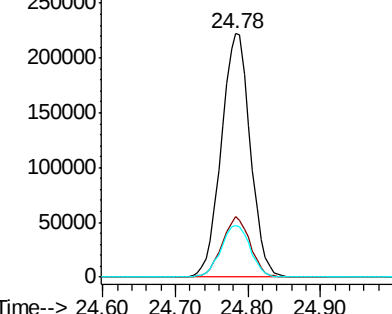


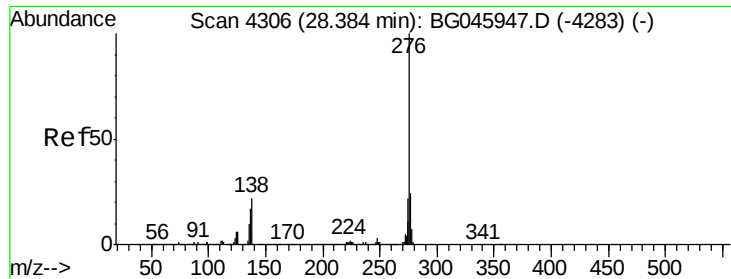
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.78 min Scan# 3693
Delta R.T. -0.01 min
Lab File: BG045987.D
Acq: 9 Jul 2020 9:02

Tgt Ion:264 Resp: 615860
Ion Ratio Lower Upper
264 100
260 24.9 19.0 28.6
265 21.0 16.9 25.3



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

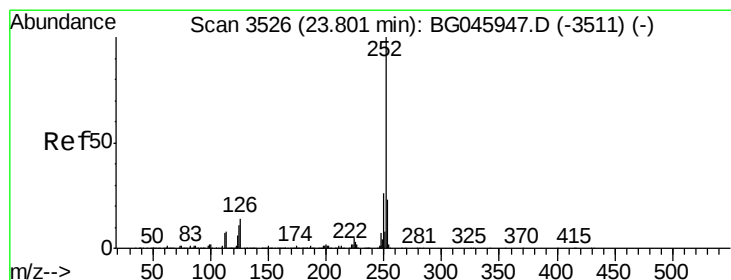
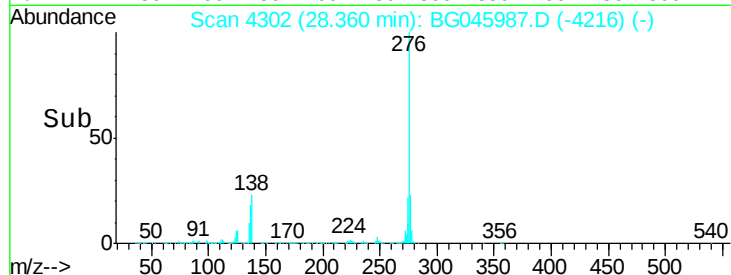
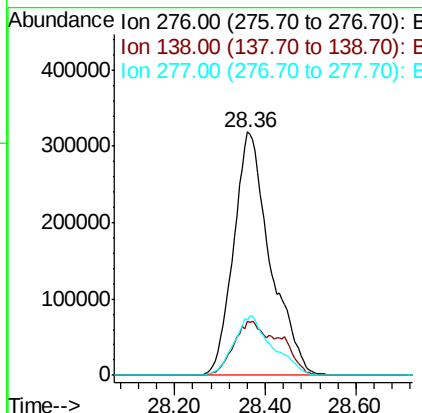
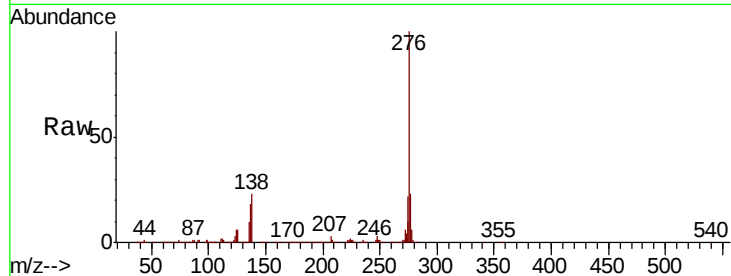




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.673 ng
 RT: 28.36 min Scan# 4302
 Delta R.T. -0.02 min
 Lab File: BG045987.D
 Acq: 9 Jul 2020 9:02

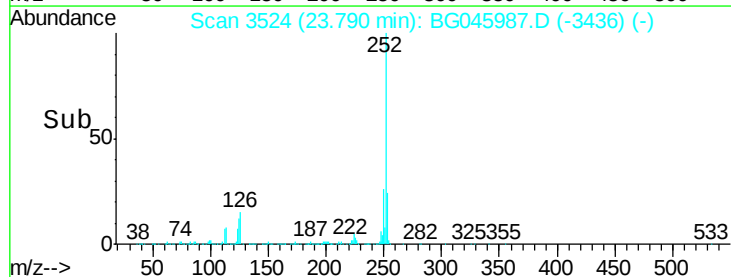
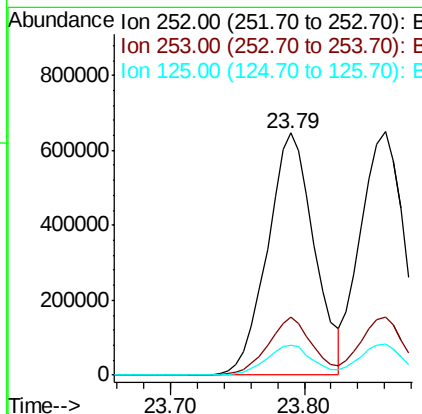
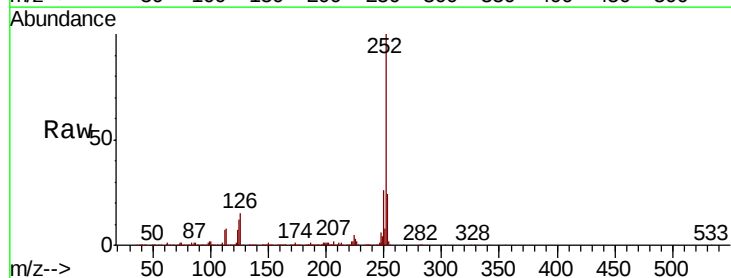
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

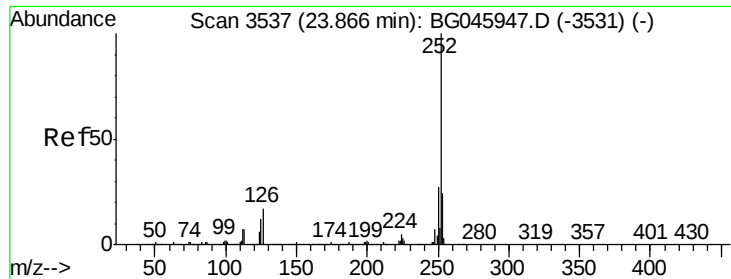
Tot Ion:276 Resp: 1787470
 Ion Ratio Lower Upper
 276 100
 138 20.8 16.4 24.6
 277 25.5 20.6 31.0



#88
 Benzo(b)fluoranthene
 Concen: 40.055 ng
 RT: 23.79 min Scan# 3524
 Delta R.T. -0.01 min
 Lab File: BG045987.D
 Acq: 9 Jul 2020 9:02

Tgt Ion:252 Resp: 1565953
 Ion Ratio Lower Upper
 252 100
 253 24.2 18.5 27.7
 125 12.4 9.2 13.8





#89

Benzo(k)fluoranthene

Concen: 39.509 ng

RT: 23.86 min Scan# 3536

Delta R.T. -0.01 min

Lab File: BG045987.D

Acq: 9 Jul 2020 9:02

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

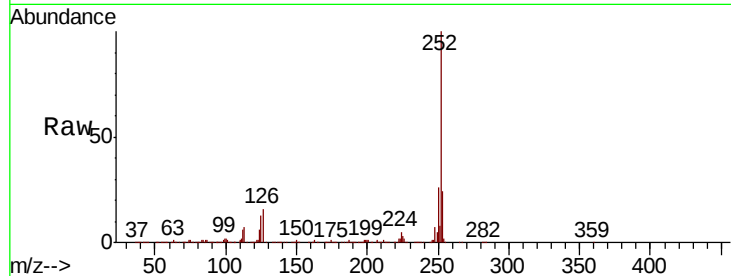
Tot Ion:252 Resp: 1460541

Ion Ratio Lower Upper

252 100

253 23.6 18.9 28.3

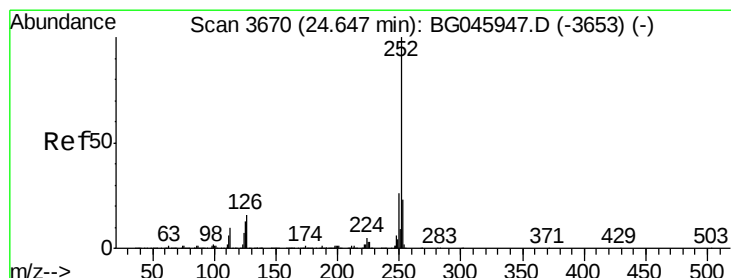
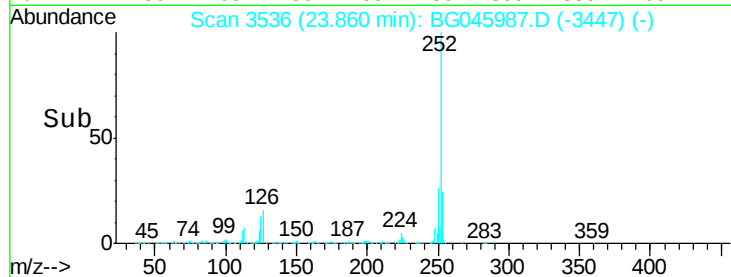
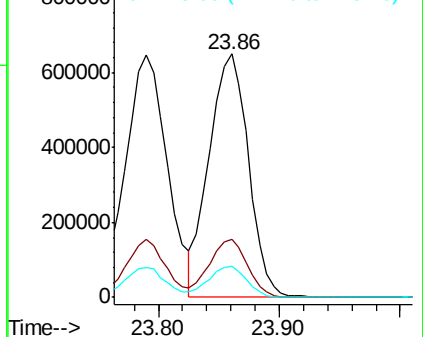
125 12.8 9.6 14.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 39.814 ng

RT: 24.64 min Scan# 3668

Delta R.T. -0.01 min

Lab File: BG045987.D

Acq: 9 Jul 2020 9:02

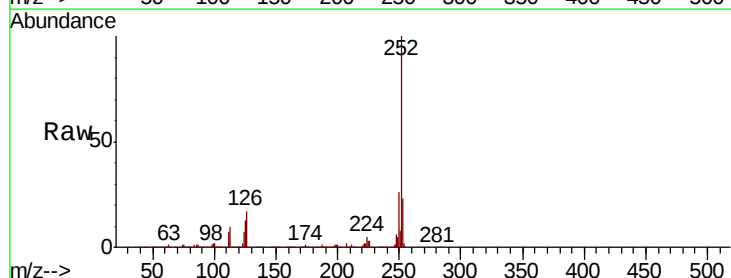
Tgt Ion:252 Resp: 1463686

Ion Ratio Lower Upper

252 100

253 23.5 18.6 28.0

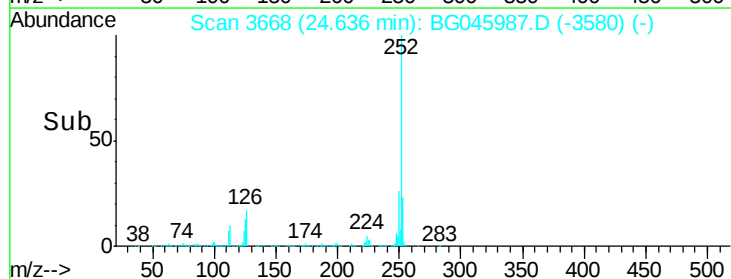
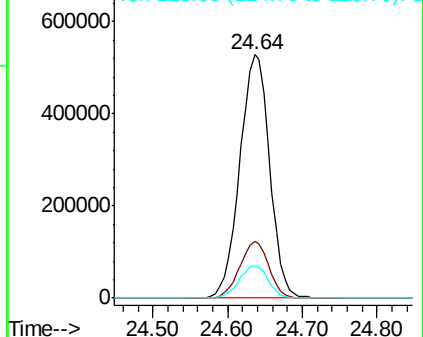
125 13.1 10.5 15.7

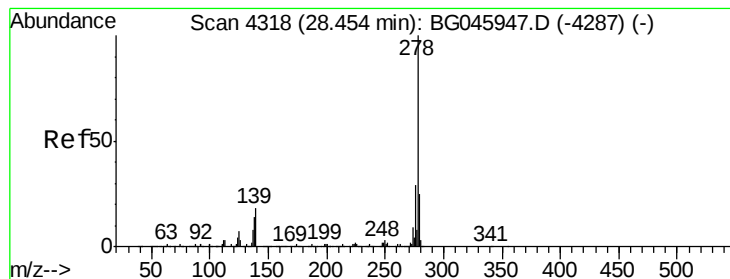


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 38.898 ng

RT: 28.44 min Scan# 4315

Delta R.T. -0.02 min

Lab File: BG045987.D

Acq: 9 Jul 2020 9:02

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

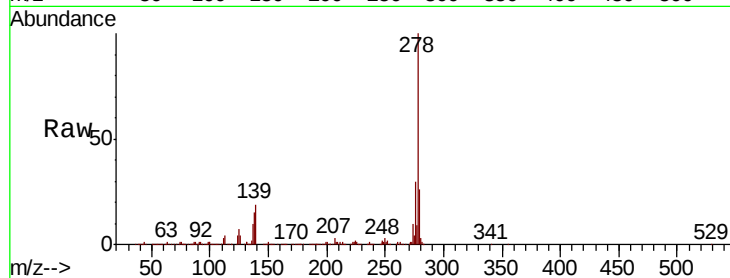
Tot Ion:278 Resp: 1413525

Ion Ratio Lower Upper

278 100

139 19.0 14.3 21.5

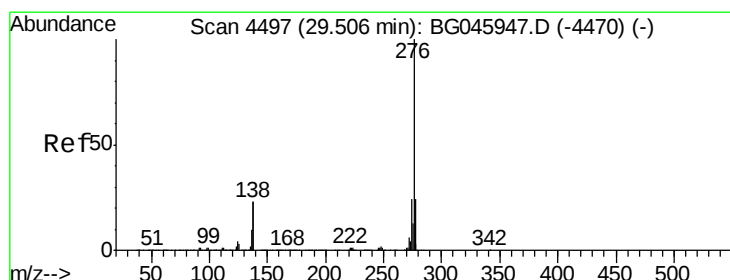
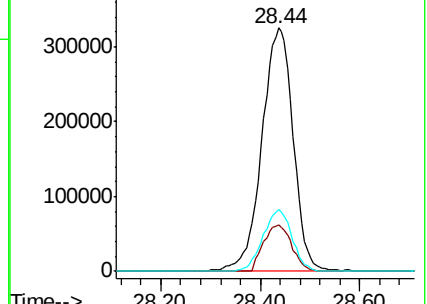
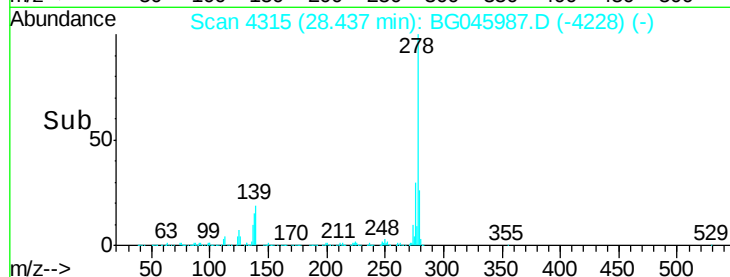
279 25.5 19.8 29.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 39.090 ng

RT: 29.48 min Scan# 4493

Delta R.T. -0.02 min

Lab File: BG045987.D

Acq: 9 Jul 2020 9:02

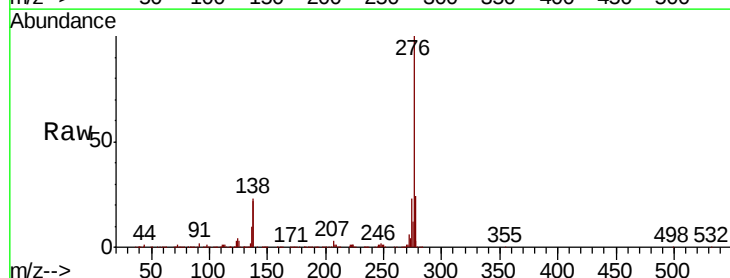
Tgt Ion:276 Resp: 1429519

Ion Ratio Lower Upper

276 100

277 23.6 19.4 29.0

138 23.4 18.6 28.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

