

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG042820\
 Data File : BG045184.D
 Acq On : 28 Apr 2020 13:56
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Apr 28 14:36:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 28 14:34:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	62039	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	236472	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	171323	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	428042	20.00	ng	0.00
76) Chrysene-d12	21.65	240	451337	20.00	ng	0.00
87) Perylene-d12	24.82	264	511356	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	309078	82.25	ng	0.00
7) Phenol-d6	7.15	99	436159	78.12	ng	0.00
23) Nitrobenzene-d5	9.15	82	421816	81.39	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	215746	81.51	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	982748	84.11	ng	0.00
79) Terphenyl-d14	20.00	244	1790541	86.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.45	88	69491	41.611	ng	98
3) Pyridine	3.85	79	199472	38.793	ng	95
4) n-Nitrosodimethylamine	3.76	42	61111	38.796	ng	99
6) Aniline	7.31	93	267765	36.887	ng	99
8) 2-Chlorophenol	7.55	128	158650	39.283	ng	96
9) Benzaldehyde	7.12	77	122323	38.429	ng	97
10) Phenol	7.18	94	213078	38.139	ng	97
11) bis(2-Chloroethyl)ether	7.41	93	166297	37.385	ng	94
12) 1,3-Dichlorobenzene	7.88	146	189181	39.753	ng	97
13) 1,4-Dichlorobenzene	8.02	146	190080	40.084	ng	99
14) 1,2-Dichlorobenzene	8.35	146	177781	39.188	ng	96
15) Benzyl Alcohol	8.23	79	167322	35.745	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.52	45	155753	35.670	ng	97
17) 2-Methylphenol	8.43	107	160356	37.201	ng	96
18) Hexachloroethane	9.08	117	72167	40.483	ng	96
19) n-Nitroso-di-n-propylamine	8.79	70	139023	35.210	ng	97
20) 3+4-Methylphenols	8.76	107	216663	35.910	ng	98
22) Acetophenone	8.81	105	247850	38.758	ng	96
24) Nitrobenzene	9.19	77	215867	40.635	ng	# 94
25) Isophorone	9.71	82	410878	38.714	ng	99
26) 2-Nitrophenol	9.91	139	93772	40.980	ng	100
27) 2,4-Dimethylphenol	9.97	122	141017	38.839	ng	98
28) bis(2-Chloroethoxy)methane	10.20	93	214102	38.395	ng	98
29) 2,4-Dichlorophenol	10.45	162	164487	39.234	ng	99
30) 1,2,4-Trichlorobenzene	10.66	180	197059	41.515	ng	98
31) Naphthalene	10.85	128	527980	40.814	ng	98
32) Benzoic acid	10.11	122	83053	30.930	ng	97
33) 4-Chloroaniline	10.95	127	223511	37.048	ng	98
34) Hexachlorobutadiene	11.14	225	145087	44.581	ng	92
35) Caprolactam	11.71	113	58458	35.035	ng	93
36) 4-Chloro-3-methylphenol	12.08	107	194147	39.421	ng	100
37) 2-Methylnaphthalene	12.46	142	401133	39.950	ng	99
38) 1-Methylnaphthalene	12.68	142	375824	39.648	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	225911	40.954	ng	99

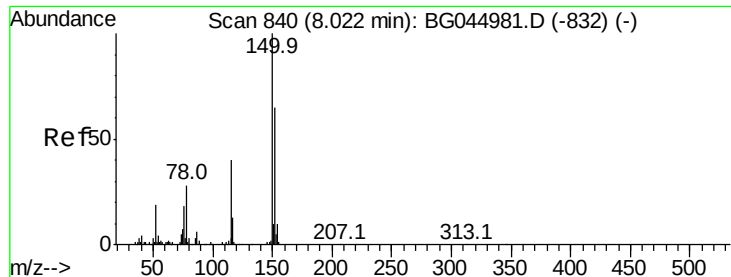
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG042820\
 Data File : BG045184.D
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 Operator : CG/JU
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Instrument :
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	191907	55.663	ng	94
43) 2,4,6-Trichlorophenol	13.06	196	158348	40.674	ng	93
44) 2,4,5-Trichlorophenol	13.14	196	176031	39.724	ng	99
46) 1,1'-Biphenyl	13.47	154	519510	39.896	ng	99
47) 2-Chloronaphthalene	13.51	162	399902	40.191	ng	99
48) 2-Nitroaniline	13.70	65	128076	39.123	ng	92
49) Acenaphthylene	14.36	152	645232	39.812	ng	97
50) Dimethylphthalate	14.09	163	554104	39.721	ng	99
51) 2,6-Dinitrotoluene	14.20	165	127217	40.772	ng	98
52) Acenaphthene	14.70	154	402133	36.672	ng	100
53) 3-Nitroaniline	14.53	138	129739	37.912	ng	91
54) 2,4-Dinitrophenol	14.74	184	94112	50.724	ng	95
55) Dibenzofuran	15.03	168	644538	40.316	ng	99
56) 4-Nitrophenol	14.85	139	106600	40.175	ng	96
57) 2,4-Dinitrotoluene	14.99	165	185093	40.592	ng	97
58) Fluorene	15.68	166	535794	41.030	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	159524	40.458	ng	99
60) Diethylphthalate	15.45	149	577119	39.680	ng	99
61) 4-Chlorophenyl-phenylether	15.68	204	308889	41.096	ng	97
62) 4-Nitroaniline	15.70	138	133834	37.706	ng	99
63) Azobenzene	15.97	77	535254	39.917	ng	98
65) 4,6-Dinitro-2-methylphenol	15.75	198	115931	41.205	ng	96
66) n-Nitrosodiphenylamine	15.89	169	470943	38.293	ng	99
67) 4-Bromophenyl-phenylether	16.57	248	214606	38.863	ng	97
68) Hexachlorobenzene	16.69	284	226061	39.472	ng	98
69) Atrazine	16.83	200	178522	39.180	ng	96
70) Pentachlorophenol	17.03	266	162725	46.316	ng	98
71) Phenanthrene	17.42	178	890927	40.504	ng	100
72) Anthracene	17.52	178	904961	41.015	ng	97
73) Carbazole	17.78	167	901803	40.275	ng	98
74) Di-n-butylphthalate	18.34	149	1103010	45.294	ng	100
75) Fluoranthene	19.43	202	1199553	46.620	ng	98
77) Benzidine	19.61	184	576894	43.998	ng	98
78) Pyrene	19.80	202	1215567	39.066	ng	99
80) Butylbenzylphthalate	20.68	149	530873	41.160	ng	99
81) Benzo(a)anthracene	21.63	228	1183208	40.447	ng	99
82) 3,3'-Dichlorobenzidine	21.54	252	490693	42.144	ng	97
83) Chrysene	21.69	228	1154129	41.062	ng	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	726431	40.952	ng	99
85) Di-n-octyl phthalate	22.74	149	1262672	41.163	ng	100
86) Indeno(1,2,3-cd)pyrene	28.42	276	1516717	40.644	ng	# 95
88) Benzo(b)fluoranthene	23.82	252	1296361	40.472	ng	98
89) Benzo(k)fluoranthene	23.89	252	1234382	40.523	ng	99
90) Benzo(a)pyrene	24.68	252	1224885	40.502	ng	98
91) Dibenzo(a,h)anthracene	28.50	278	1235903	40.557	ng	98
92) Benzo(g,h,i)perylene	29.55	276	1213384	39.716	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

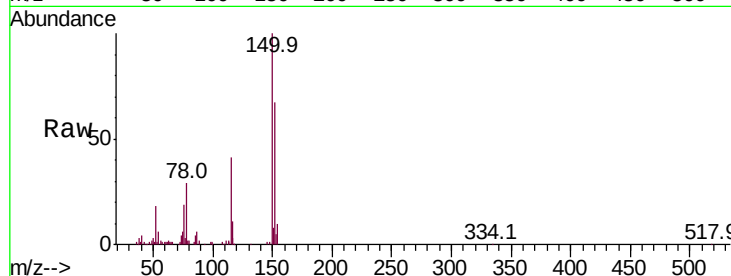
Tot Ion:152 Resp: 62039

Ion Ratio Lower Upper

152 100

150 149.4 123.6 185.4

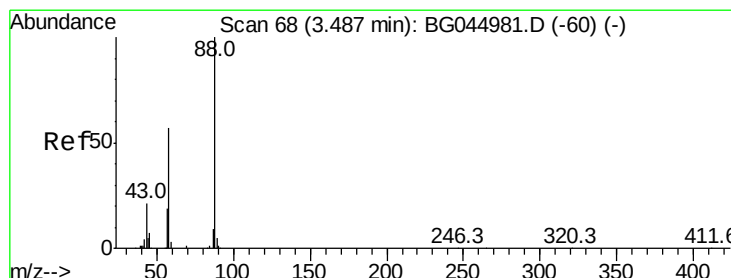
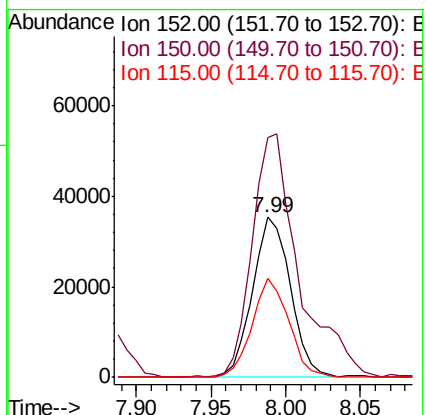
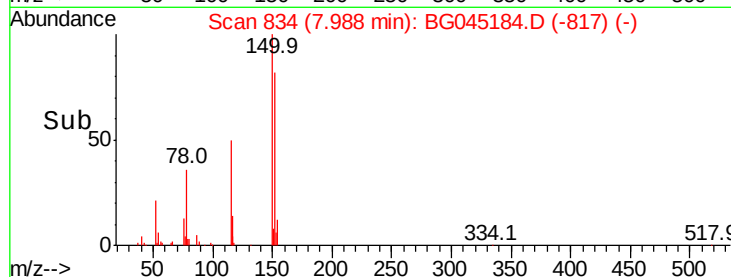
115 61.5 49.1 73.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 41.611 ng

RT: 3.45 min Scan# 62

Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

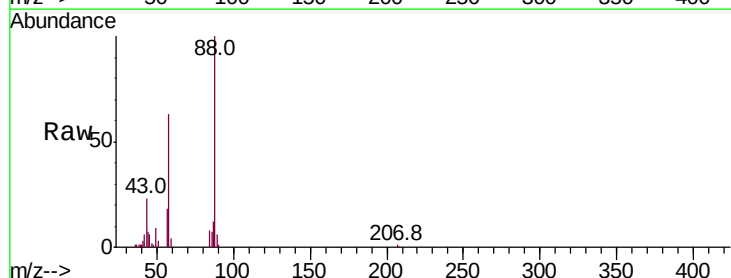
Tgt Ion: 88 Resp: 69491

Ion Ratio Lower Upper

88 100

58 60.6 46.6 69.8

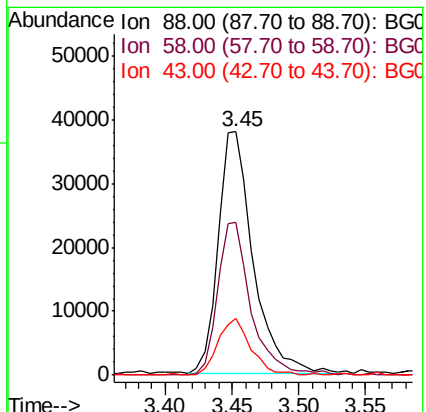
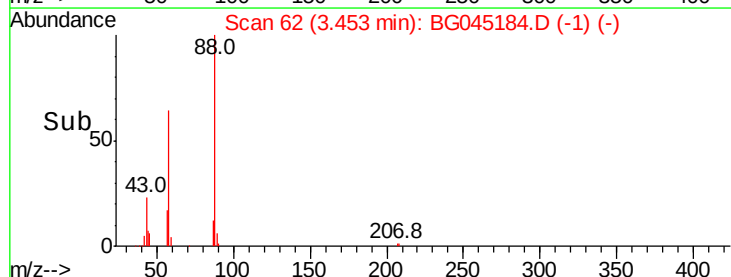
43 22.0 17.5 26.3

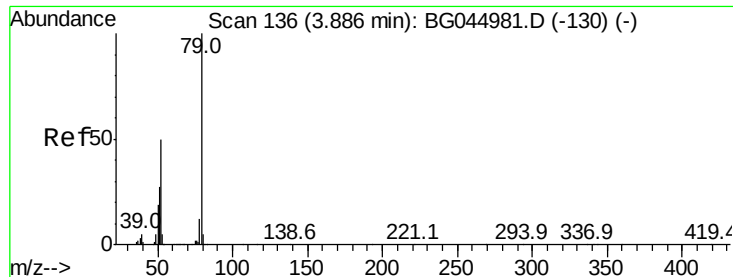


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 38.793 ng

RT: 3.85 min Scan# 129

Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

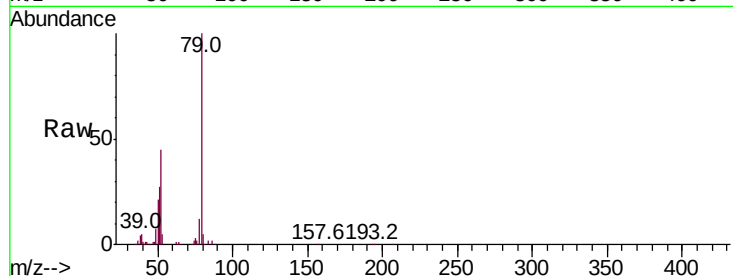
Tot Ion: 79 Resp: 199472

Ion Ratio Lower Upper

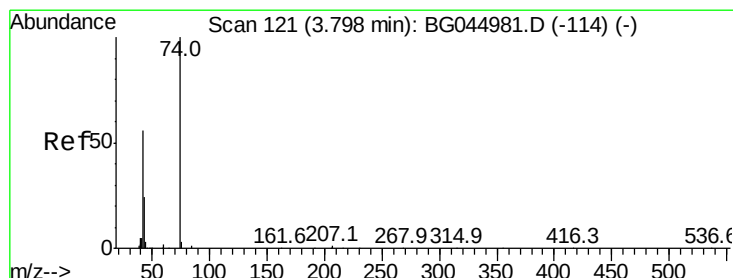
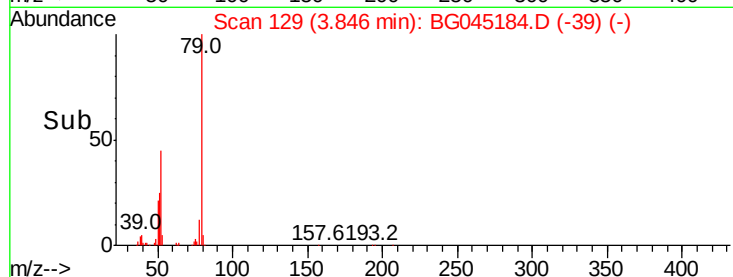
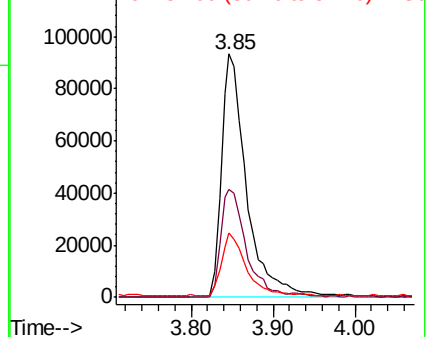
79 100

52 44.5 39.8 59.6

51 26.6 21.4 32.2



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: 38.796 ng

RT: 3.76 min Scan# 114

Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

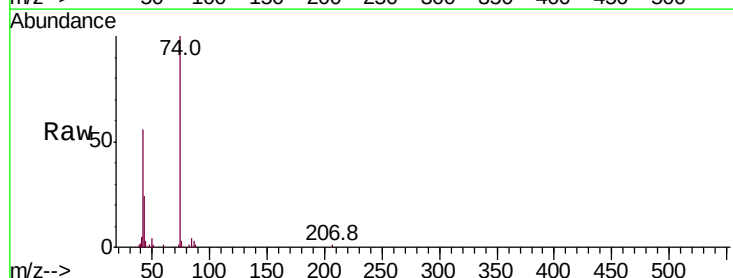
Tgt Ion: 42 Resp: 61111

Ion Ratio Lower Upper

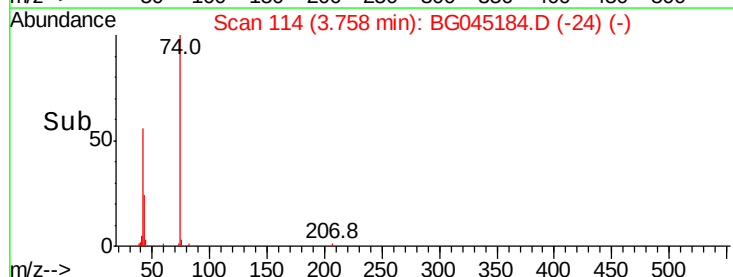
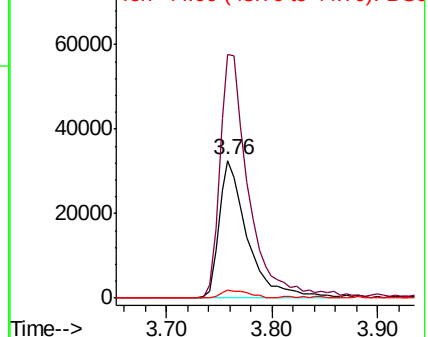
42 100

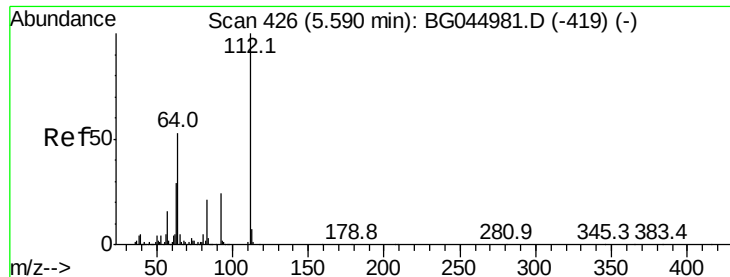
74 177.2 143.0 214.6

44 6.1 4.6 6.8



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: 82.250 ng

RT: 5.56 min Scan# 421

Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

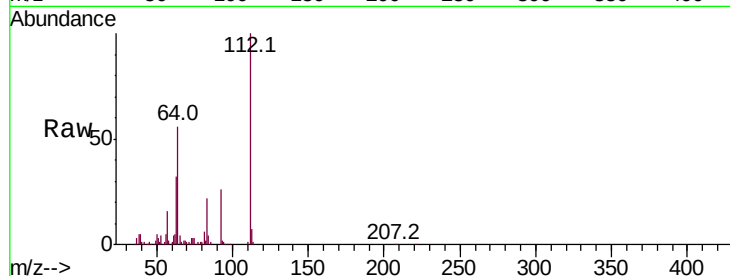
Tot Ion:112 Resp: 309078

Ion Ratio Lower Upper

112 100

64 55.9 42.4 63.6

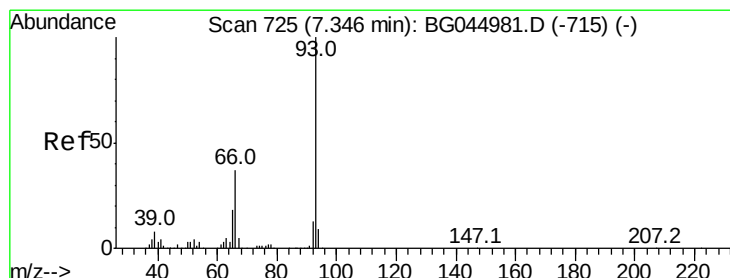
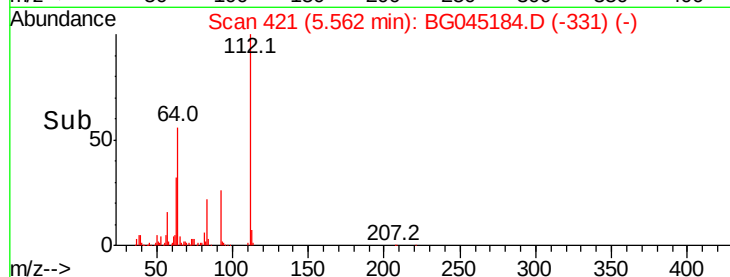
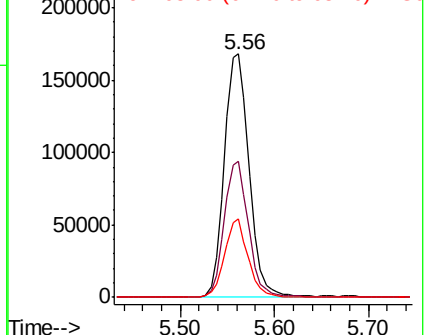
63 32.1 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 36.887 ng

RT: 7.31 min Scan# 719

Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

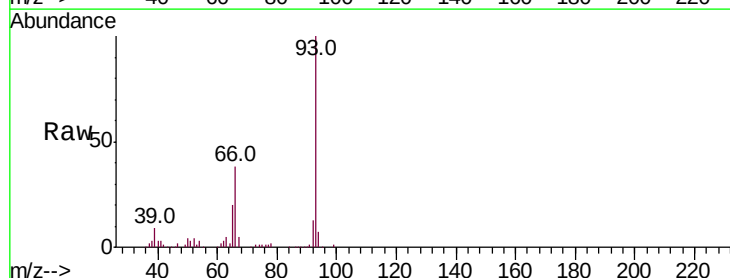
Tgt Ion: 93 Resp: 267765

Ion Ratio Lower Upper

93 100

66 37.5 29.8 44.8

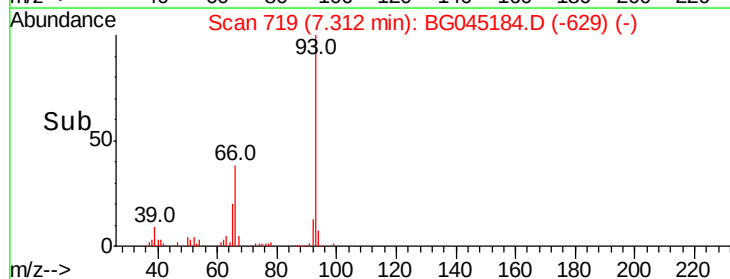
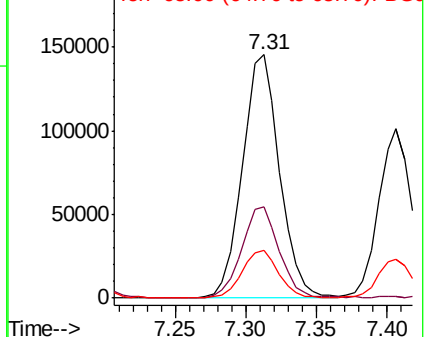
65 19.9 14.6 22.0

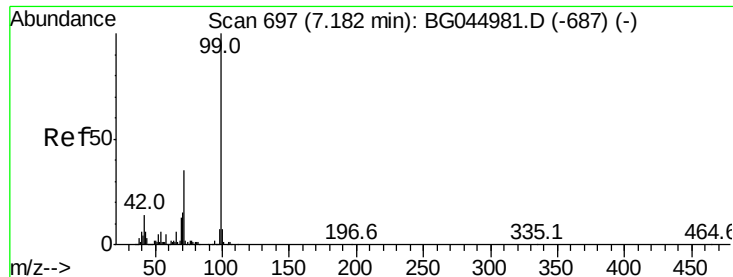


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 78.121 ng

RT: 7.15 min Scan# 692

Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

Instrument :

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ClientSampleId :

SSTDCCC040

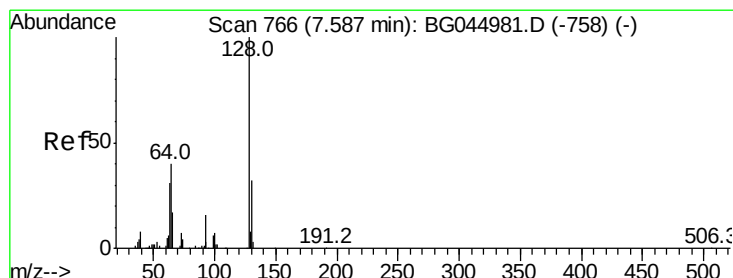
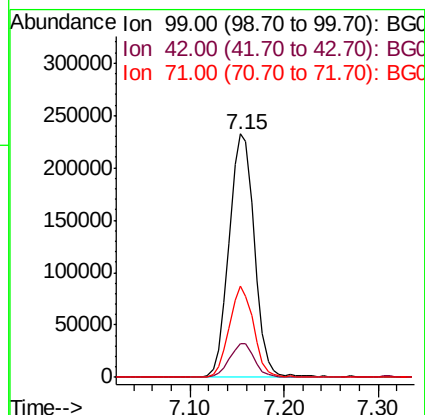
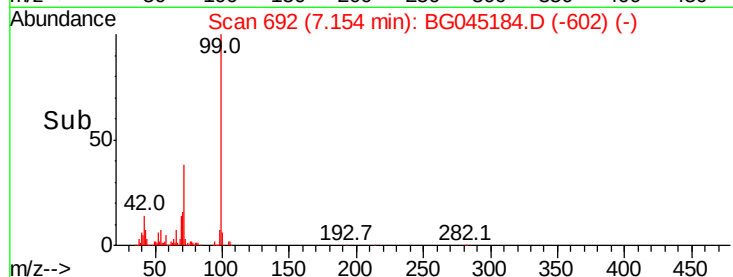
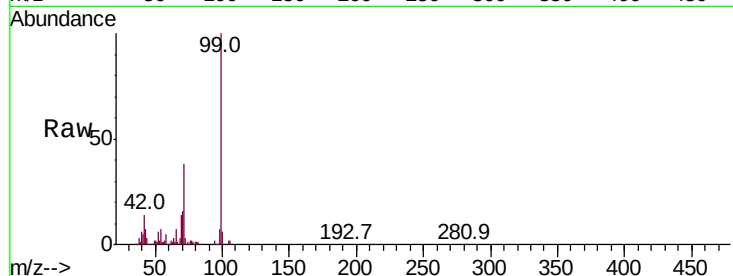
Tot Ion: 99 Resp: 436159

Ion Ratio Lower Upper

99 100

42 14.1 11.3 16.9

71 37.6 28.3 42.5



#8

2-Chlorophenol

Concen: 39.283 ng

RT: 7.55 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

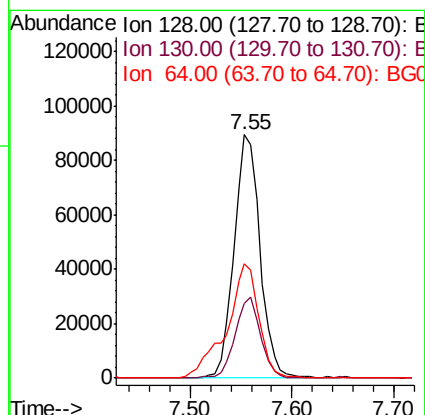
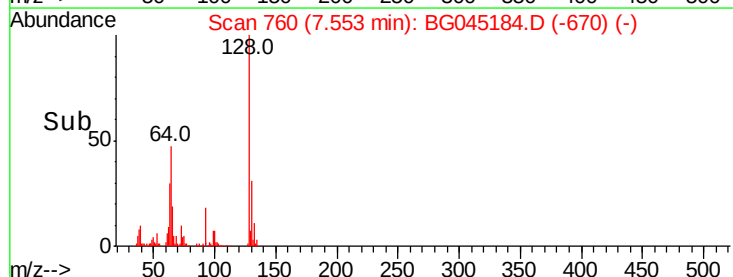
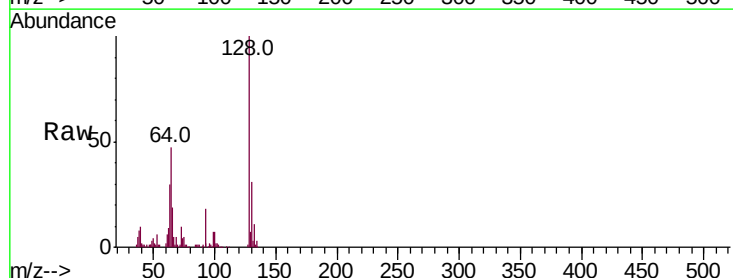
Tgt Ion: 128 Resp: 158650

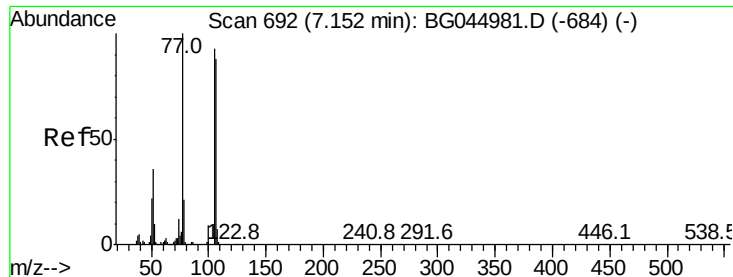
Ion Ratio Lower Upper

128 100

130 30.5 12.3 52.3

64 47.2 24.4 64.4





#9

Benzaldehyde

Concen: 38.429 ng

RT: 7.12 min Scan# 686

Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

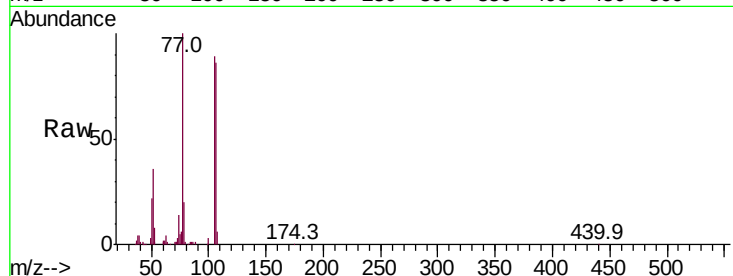
Tot Ion: 77 Resp: 122323

Ion Ratio Lower Upper

77 100

105 89.3 72.9 112.9

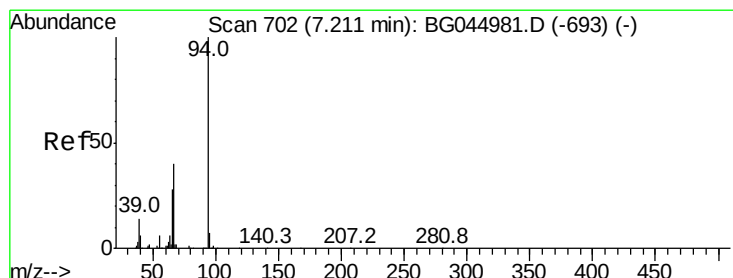
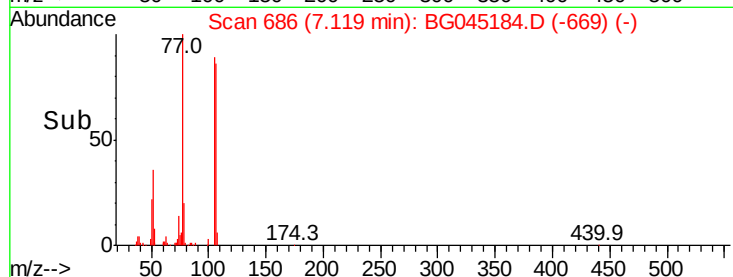
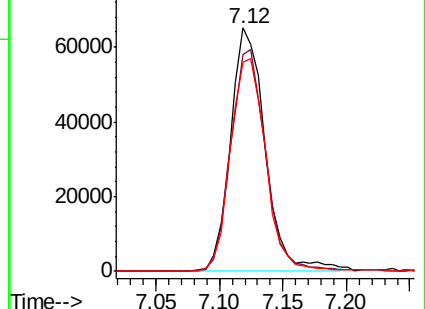
106 85.7 67.6 107.6



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: 38.139 ng

RT: 7.18 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

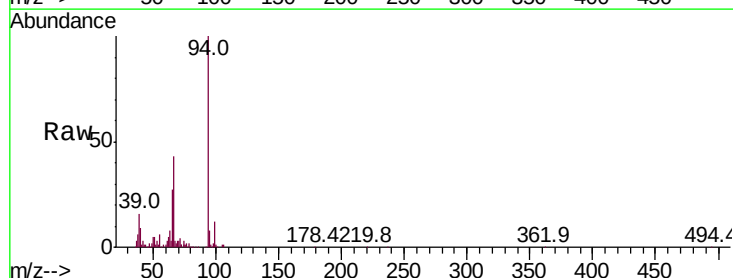
Tgt Ion: 94 Resp: 213078

Ion Ratio Lower Upper

94 100

65 26.7 8.2 48.2

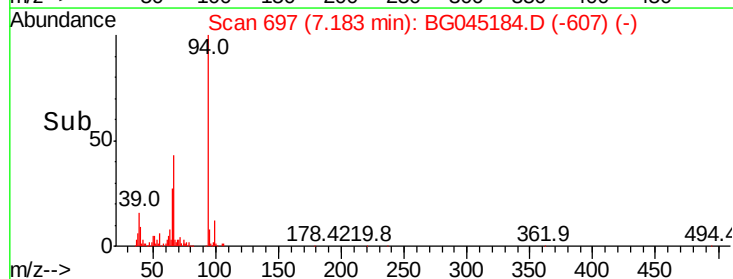
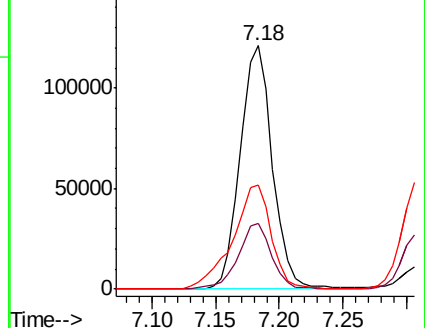
66 42.9 20.4 60.4

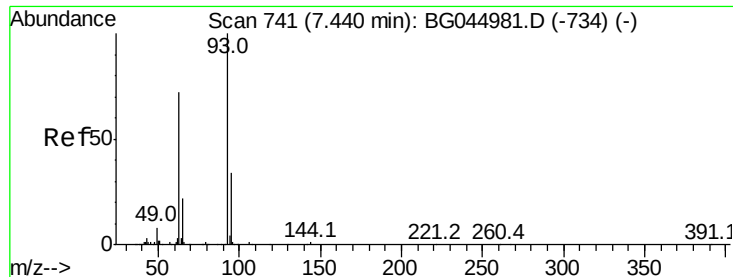


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

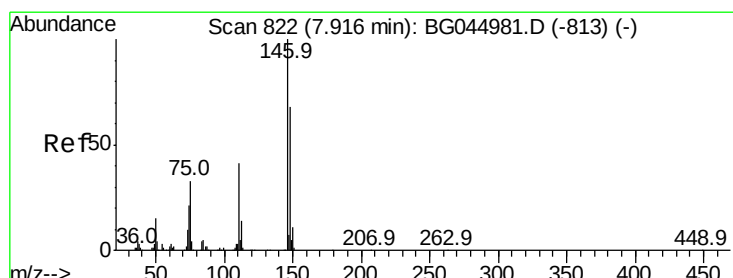
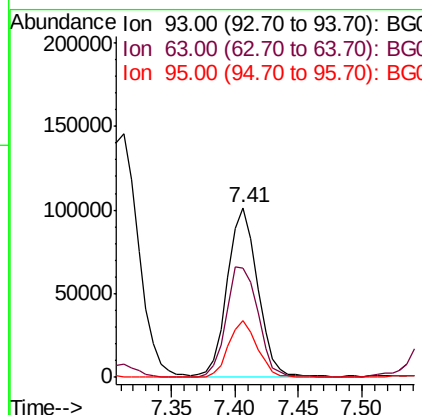
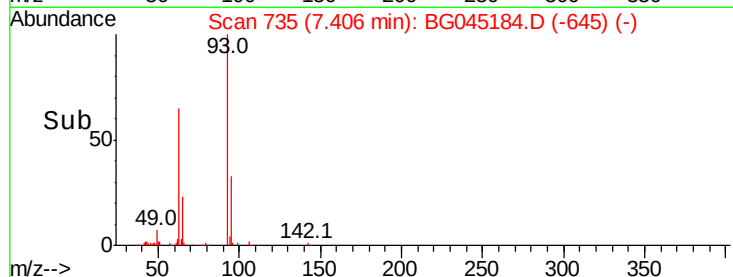
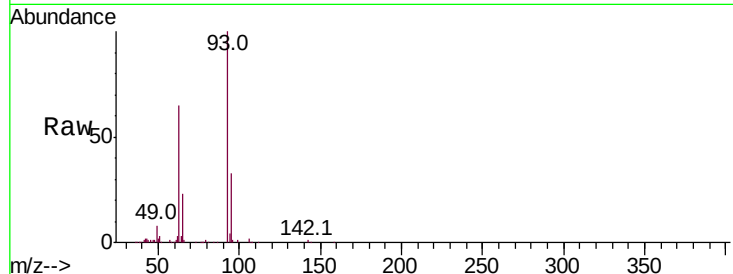




#11
bis(2-Chloroethyl)ether
Concen: 37.385 ng
RT: 7.41 min Scan# 735
Delta R.T. 0.00 min
Lab File: BG045184.D
Acq: 28 Apr 2020 13:56

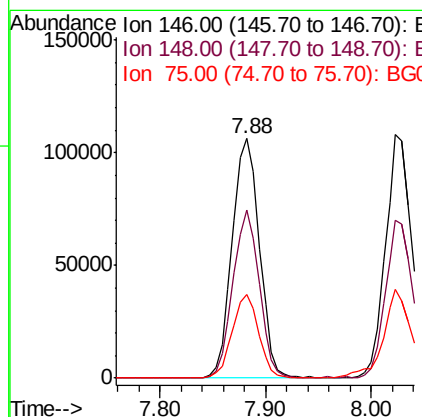
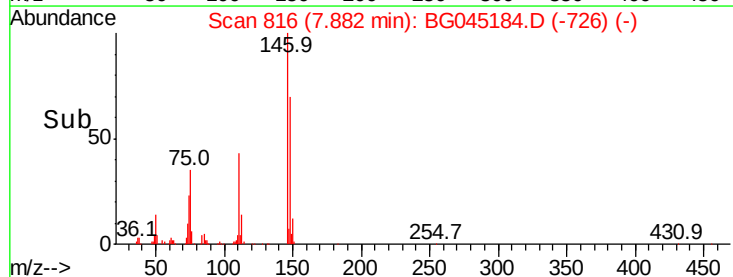
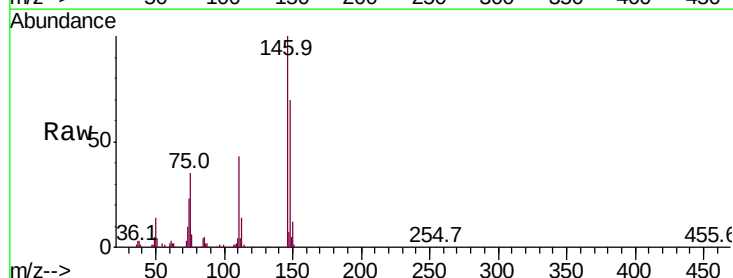
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

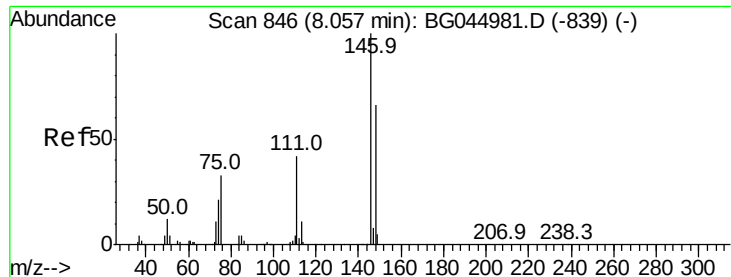
Tot Ion: 93 Resp: 166297
Ion Ratio Lower Upper
93 100
63 64.7 51.8 91.8
95 33.1 13.8 53.8



#12
1,3-Dichlorobenzene
Concen: 39.753 ng
RT: 7.88 min Scan# 816
Delta R.T. 0.00 min
Lab File: BG045184.D
Acq: 28 Apr 2020 13:56

Tgt Ion: 146 Resp: 189181
Ion Ratio Lower Upper
146 100
148 69.9 54.6 81.8
75 34.9 26.0 39.0

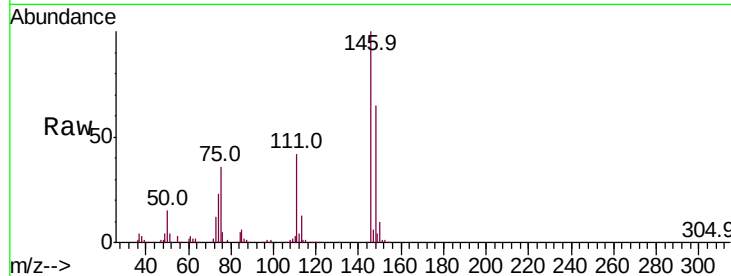




#13
 1,4-Dichlorobenzene
 Concen: 40.084 ng
 RT: 8.02 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BG045184.D
 Acq: 28 Apr 2020 13:56

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	53.3	79.9
111	42.2	33.8	50.8

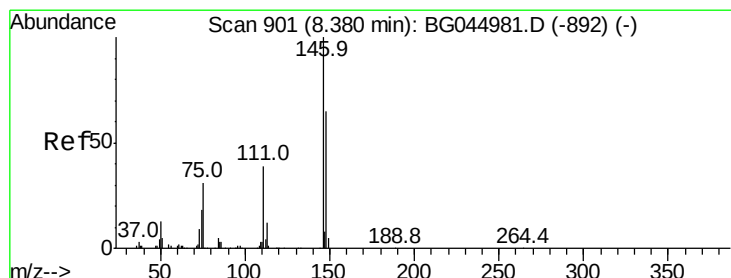
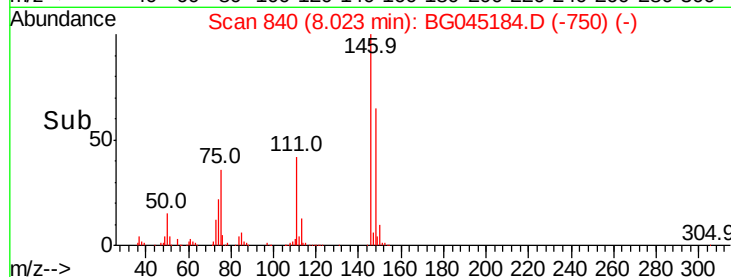
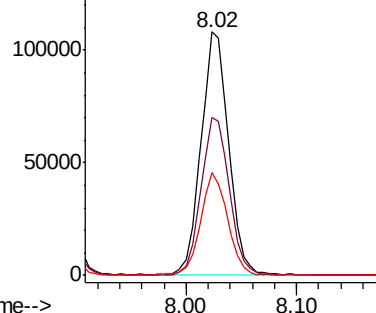


Abundance

Ion 146.00 (145.70 to 146.70): E

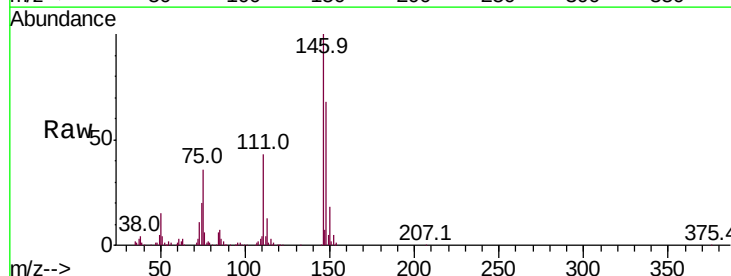
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 39.188 ng
 RT: 8.35 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: BG045184.D
 Acq: 28 Apr 2020 13:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.6	51.9	77.9
111	42.6	31.3	46.9

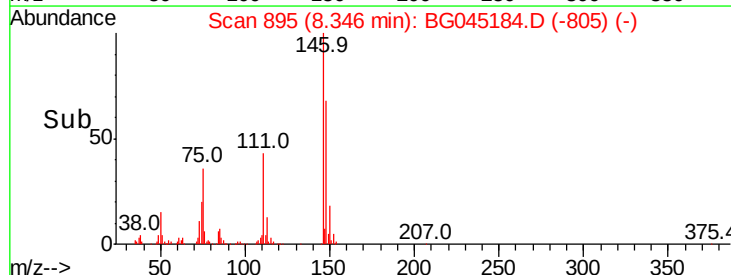
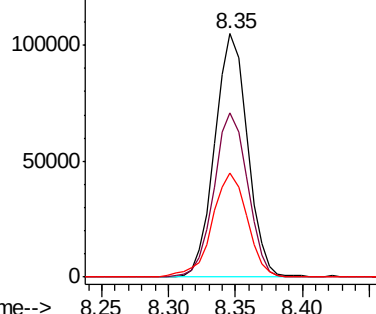


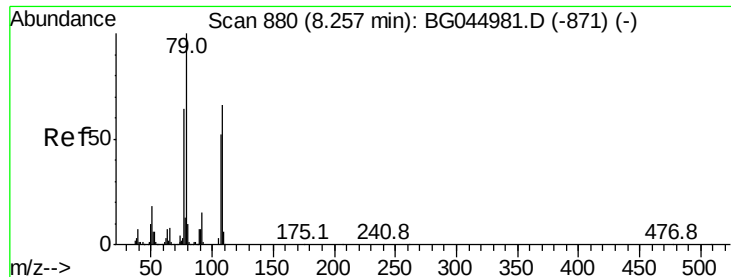
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.745 ng

RT: 8.23 min Scan# 875

Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

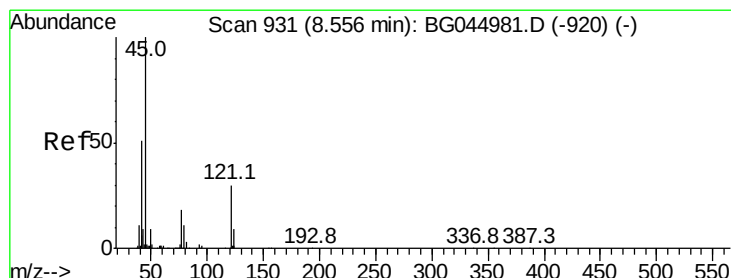
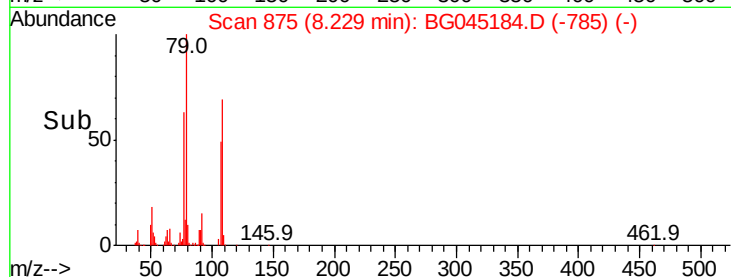
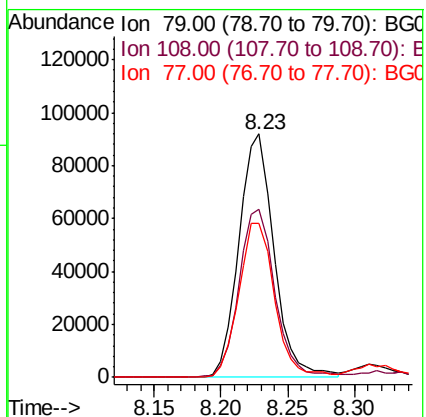
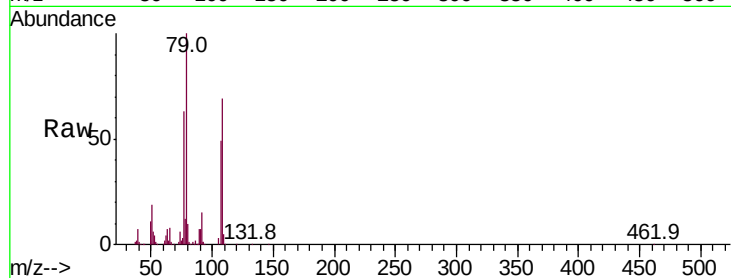
Tot Ion: 79 Resp: 167322

Ion Ratio Lower Upper

79 100

108 68.8 52.7 79.1

77 63.1 51.3 76.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.670 ng

RT: 8.52 min Scan# 924

Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

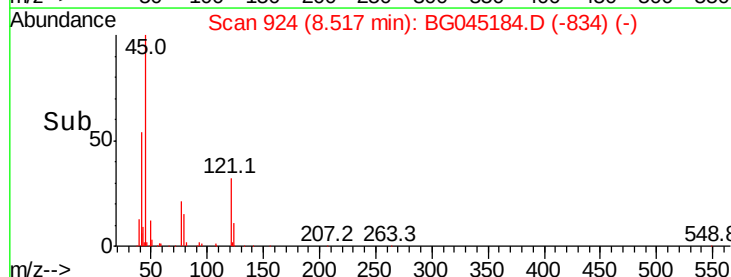
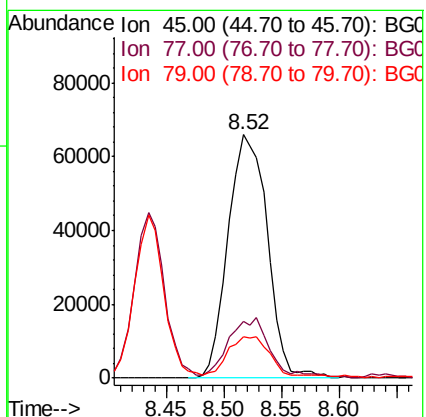
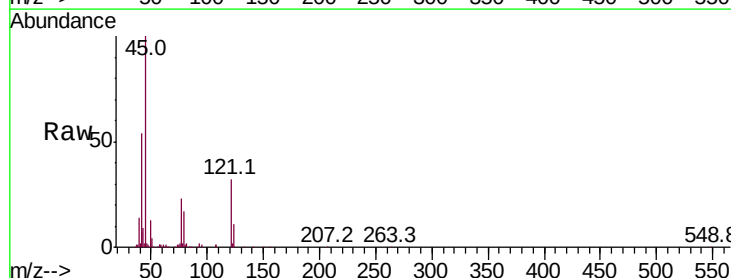
Tgt Ion: 45 Resp: 155753

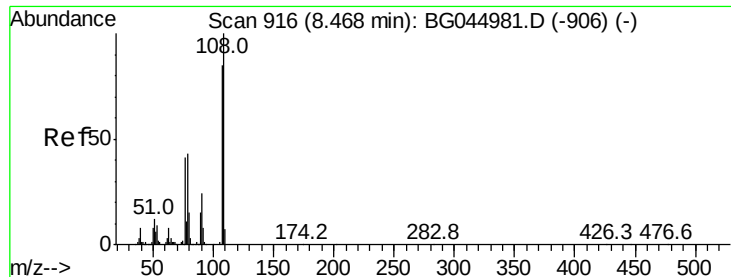
Ion Ratio Lower Upper

45 100

77 23.1 1.9 41.9

79 17.1 0.0 35.5





#17

2-Methylphenol

Concen: 37.201 ng

RT: 8.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 160356

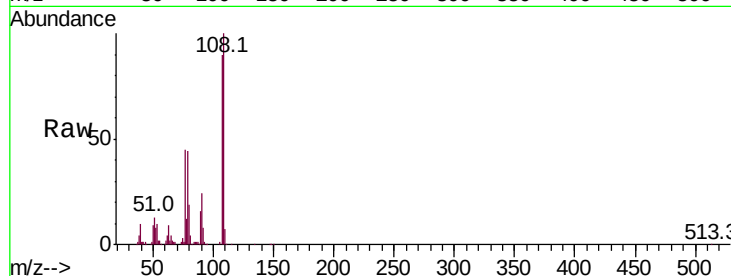
Ion Ratio Lower Upper

107 100

108 111.5 93.8 140.6

77 49.9 38.5 57.7

79 49.3 40.1 60.1

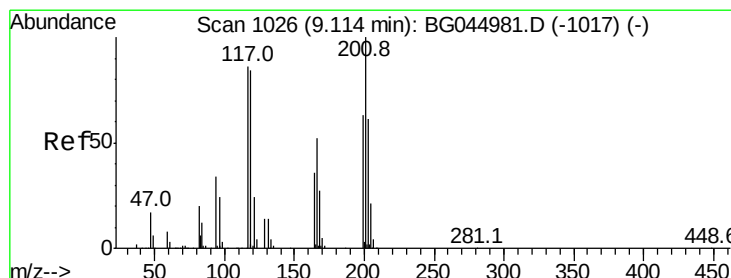
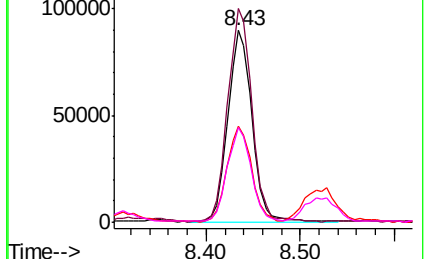
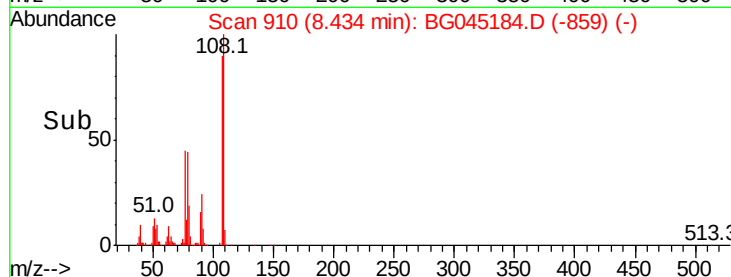


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 40.483 ng

RT: 9.08 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

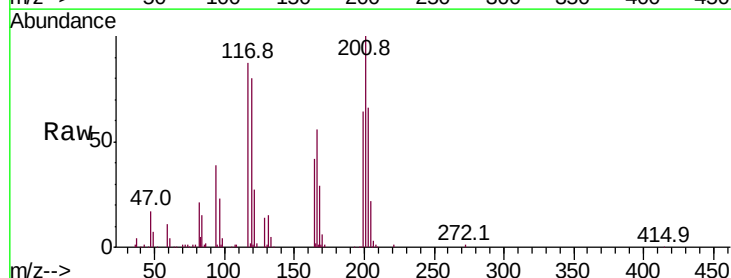
Tgt Ion:117 Resp: 72167

Ion Ratio Lower Upper

117 100

119 91.4 78.3 117.5

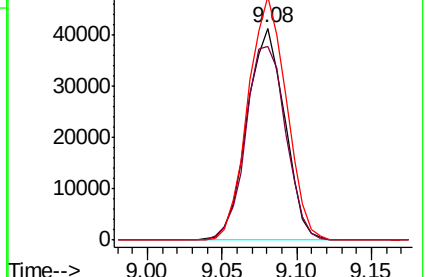
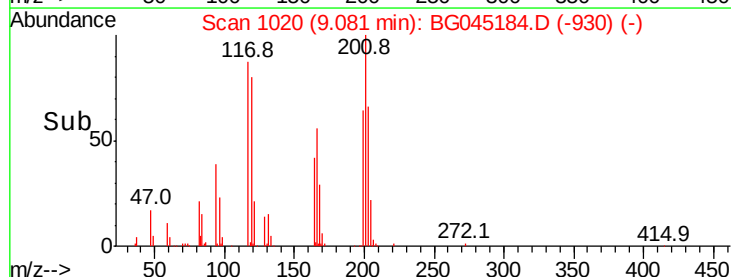
201 114.8 92.9 139.3

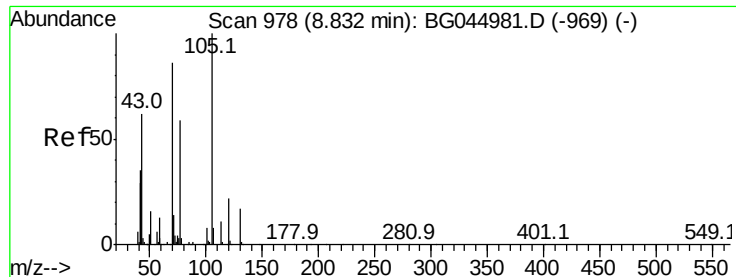


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

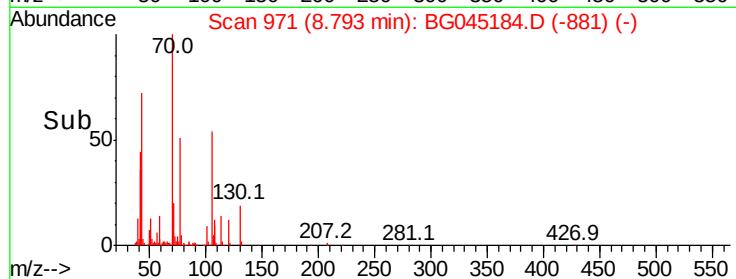
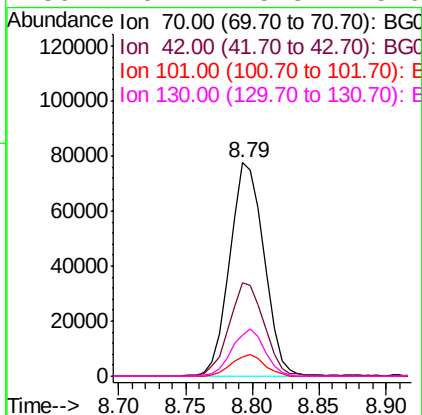
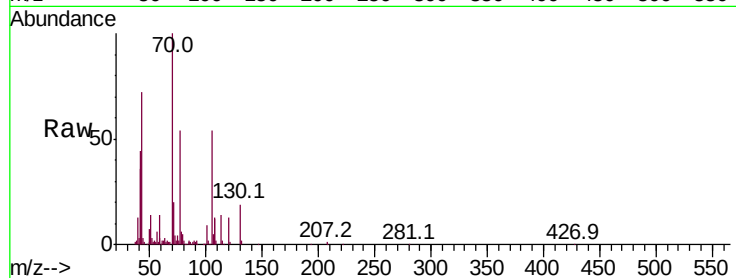




#19
n-Nitroso-di-n-propylamine
Concen: 35.210 ng
RT: 8.79 min Scan# 971
Delta R.T. 0.00 min
Lab File: BG045184.D
Acq: 28 Apr 2020 13:56

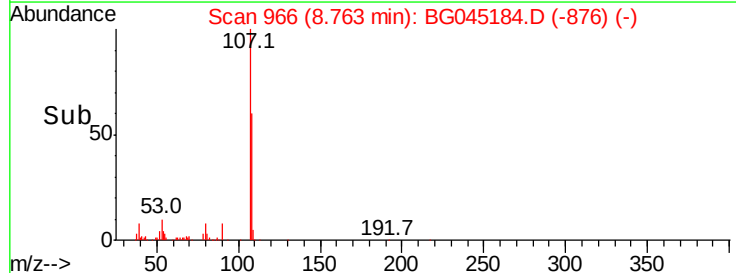
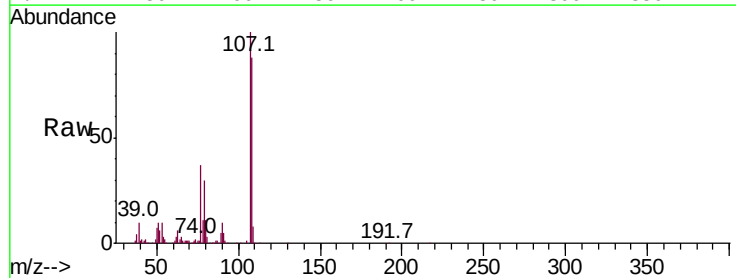
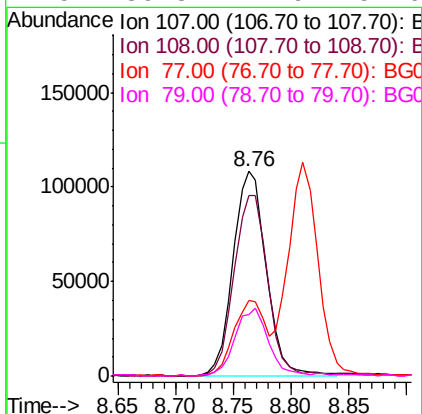
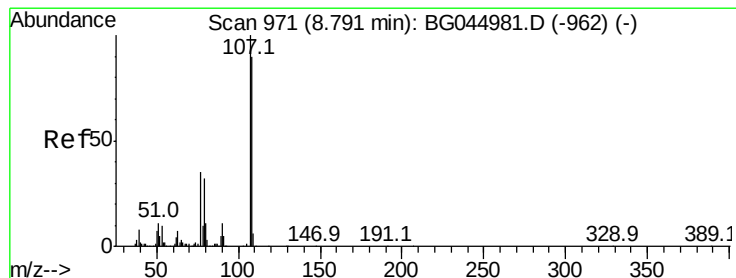
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

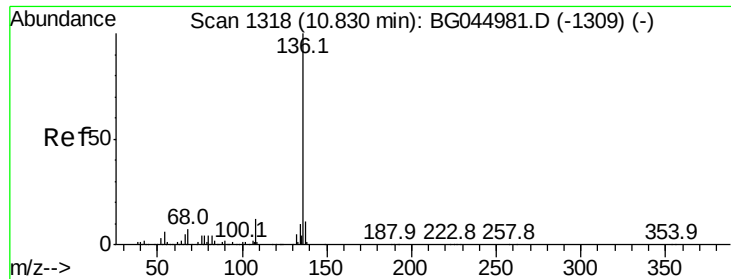
Tot Ion:	70	Resp:	139023
Ion	Ratio	Lower	Upper
70	100		
42	43.7	33.3	49.9
101	9.0	7.8	11.8
130	19.2	15.8	23.6



#20
3+4-Methylphenols
Concen: 35.910 ng
RT: 8.76 min Scan# 966
Delta R.T. 0.00 min
Lab File: BG045184.D
Acq: 28 Apr 2020 13:56

Tgt Ion:	107	Resp:	216663
Ion	Ratio	Lower	Upper
107	100		
108	88.4	69.9	109.9
77	36.8	15.2	55.2
79	30.3	11.6	51.6

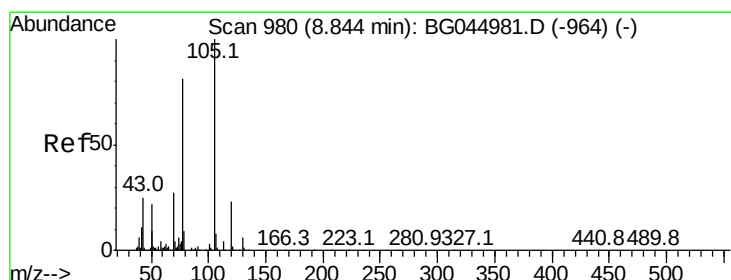
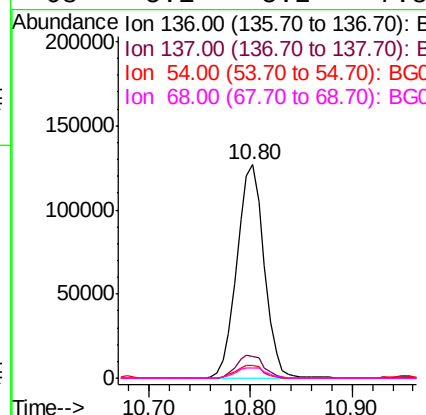
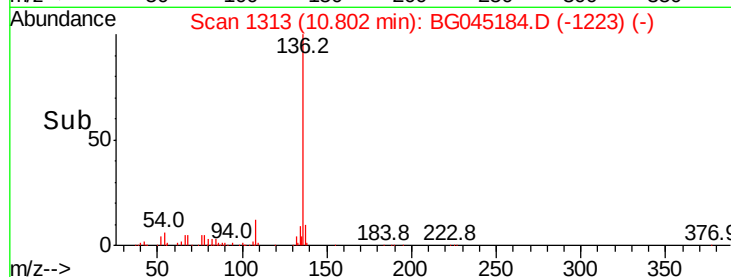
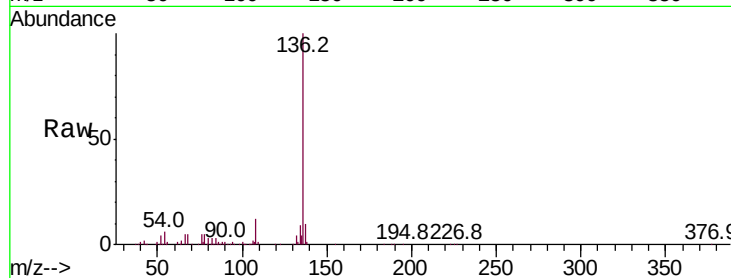




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BG045184.D
Acq: 28 Apr 2020 13:56

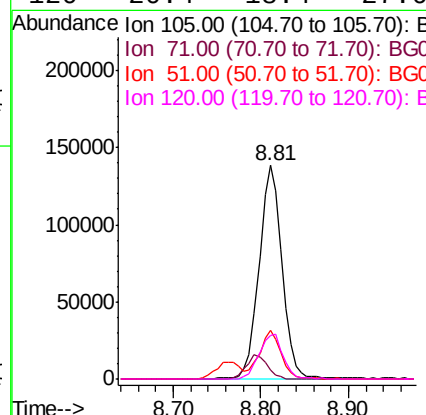
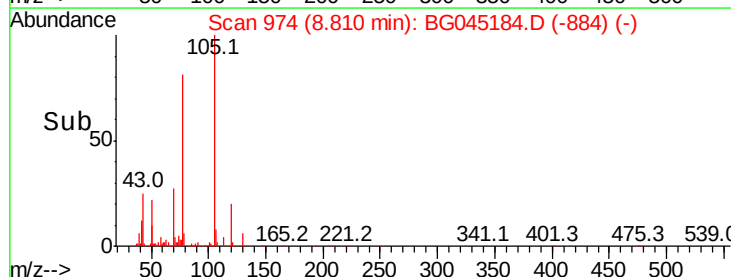
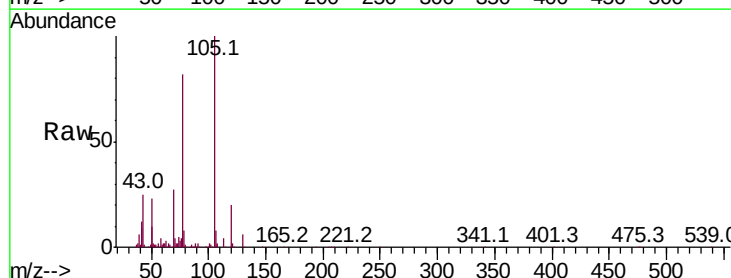
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

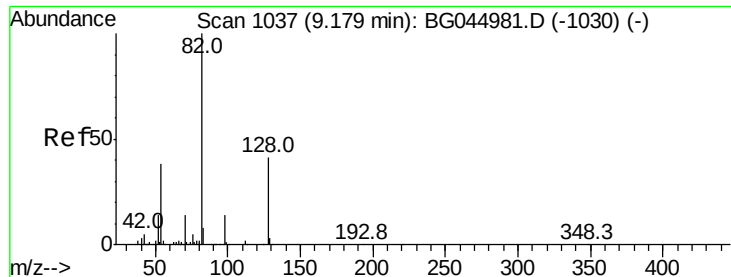
Tot Ion:	136	Resp:	236472
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.6	13.0
54	5.9	4.8	7.2
68	5.1	5.2	7.8#



#22
Acetophenone
Concen: 38.758 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.00 min
Lab File: BG045184.D
Acq: 28 Apr 2020 13:56

Tgt Ion:	105	Resp:	247850
Ion	Ratio	Lower	Upper
105	100		
71	4.4	3.3	4.9
51	22.6	17.3	25.9
120	20.4	18.4	27.6

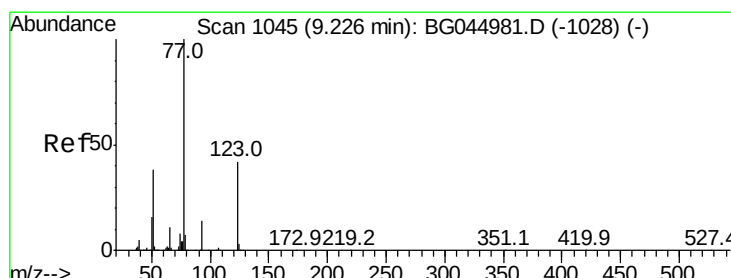
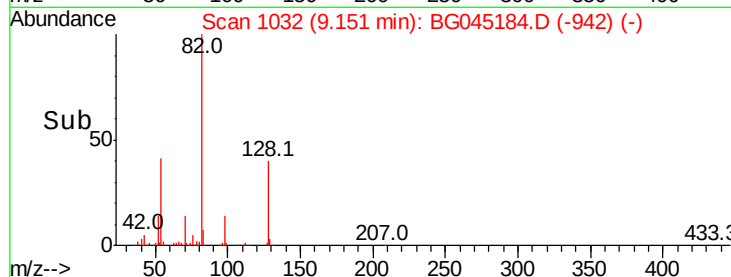
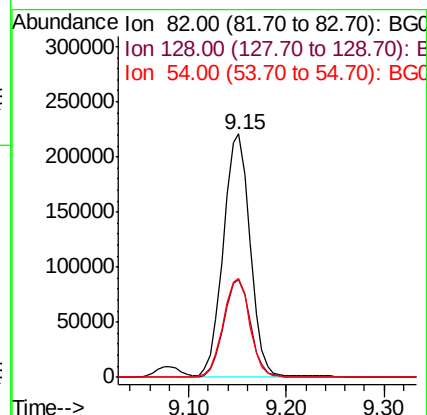
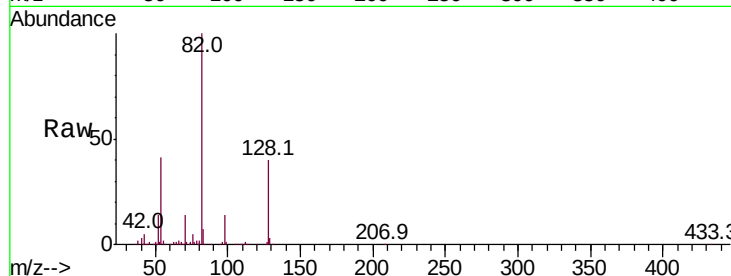




#23
 Nitrobenzene-d5
 Concen: 81.392 ng
 RT: 9.15 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BG045184.D
 Acq: 28 Apr 2020 13:56

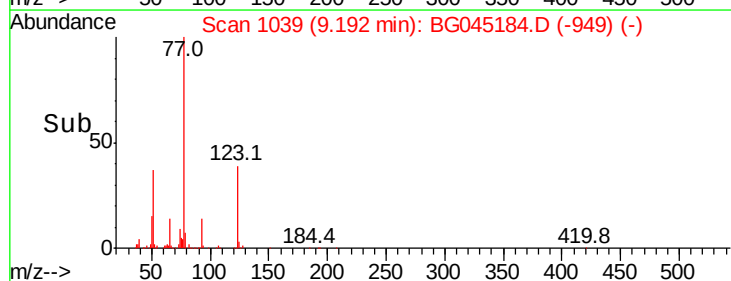
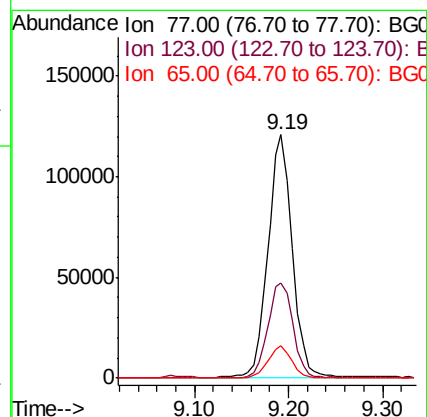
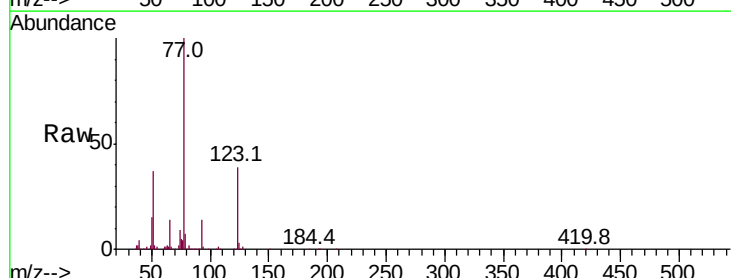
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

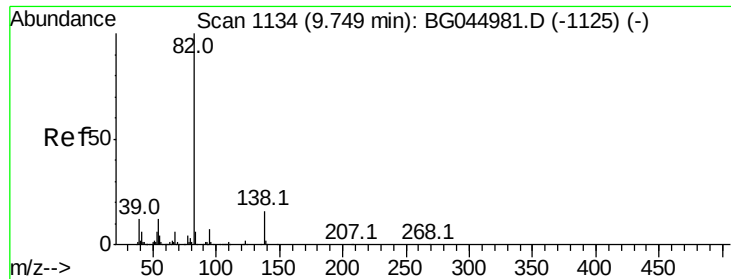
Tot Ion	Ratio	Lower	Upper
82	100		
128	40.3	33.0	49.4
54	40.6	30.4	45.6



#24
 Nitrobenzene
 Concen: 40.635 ng
 RT: 9.19 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BG045184.D
 Acq: 28 Apr 2020 13:56

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.1	34.3	51.5
65	13.5	8.9	13.3#





#25

Isophorone

Concen: 38.714 ng

RT: 9.71 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

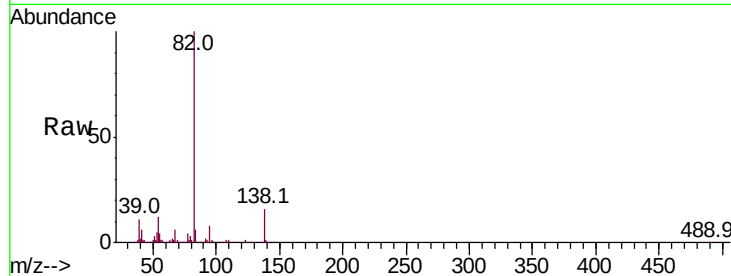
Tot Ion: 82 Resp: 410878

Ion Ratio Lower Upper

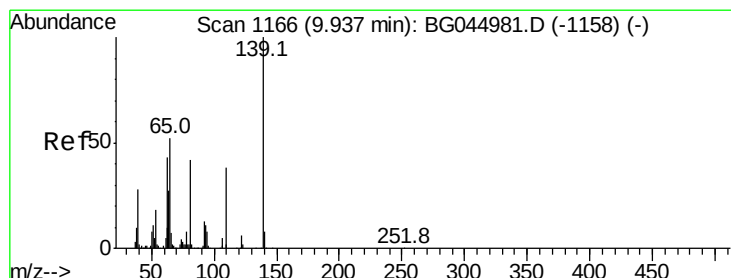
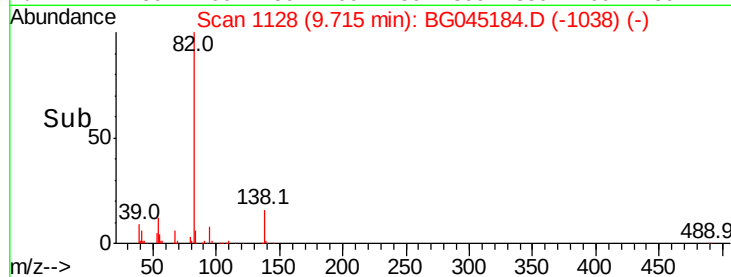
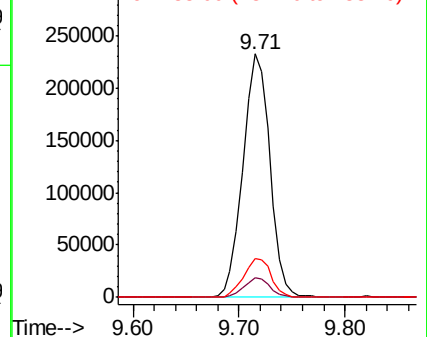
82 100

95 8.1 6.0 9.0

138 15.9 12.7 19.1



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 40.980 ng

RT: 9.91 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

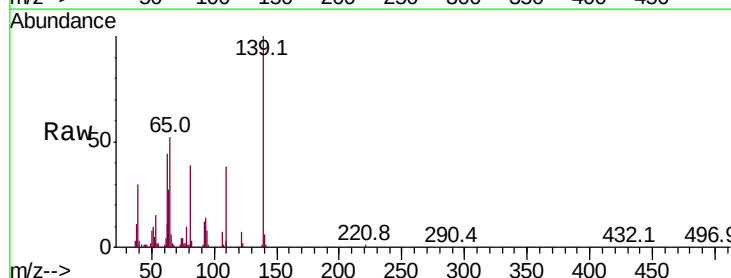
Tgt Ion: 139 Resp: 93772

Ion Ratio Lower Upper

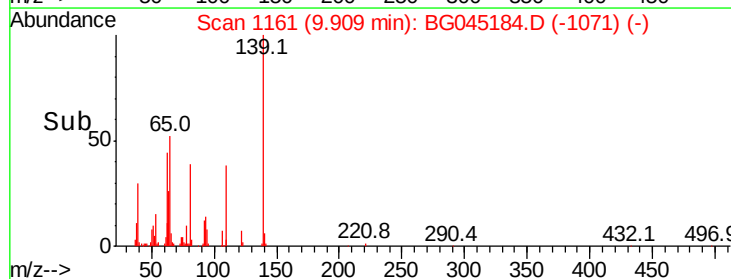
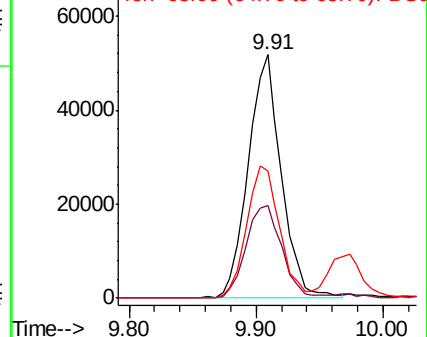
139 100

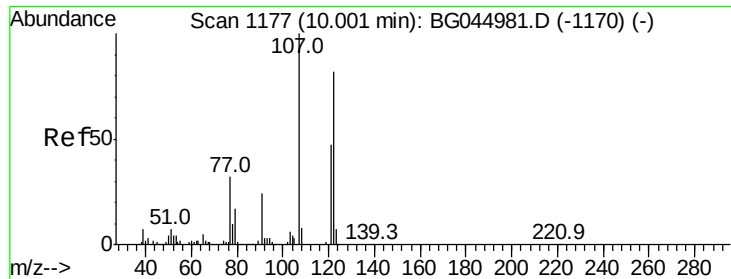
109 37.8 30.6 45.8

65 52.3 41.8 62.6



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

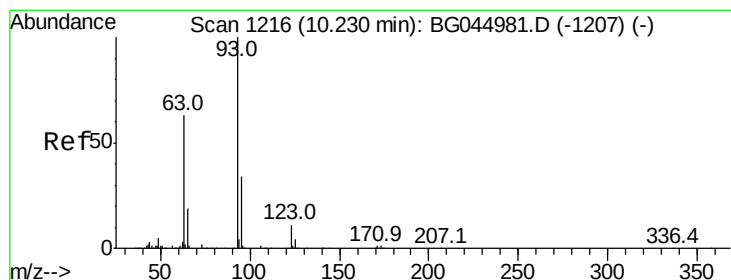
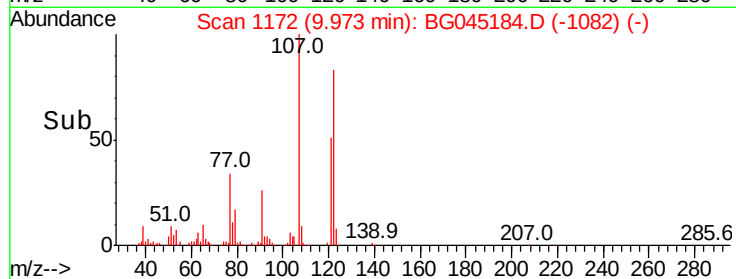
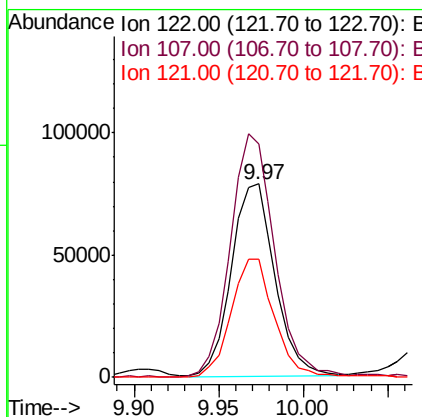
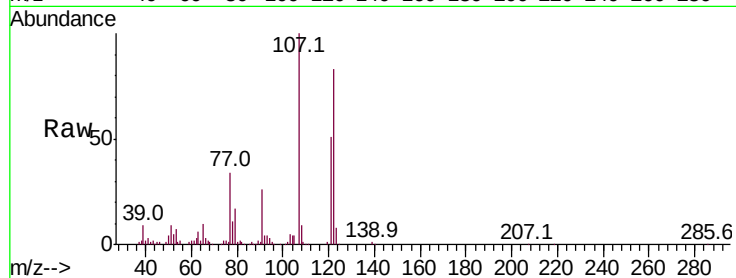




#27
 2,4-Dimethylphenol
 Concen: 38.839 ng
 RT: 9.97 min Scan# 1172
 Delta R.T. 0.00 min
 Lab File: BG045184.D
 Acq: 28 Apr 2020 13:56

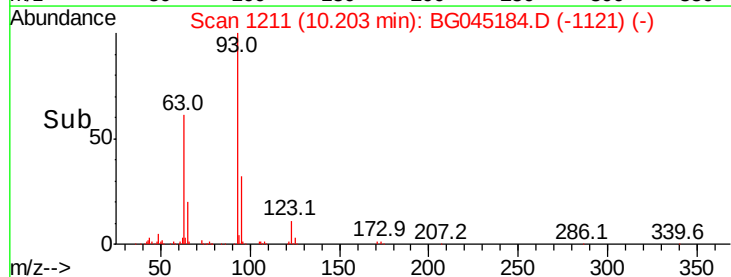
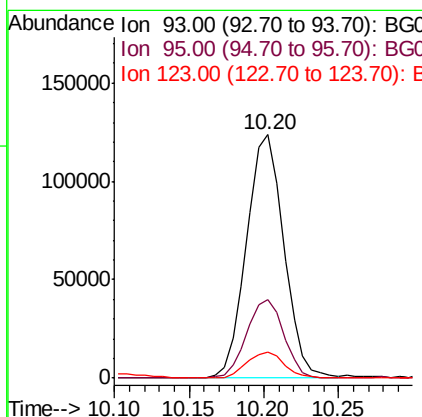
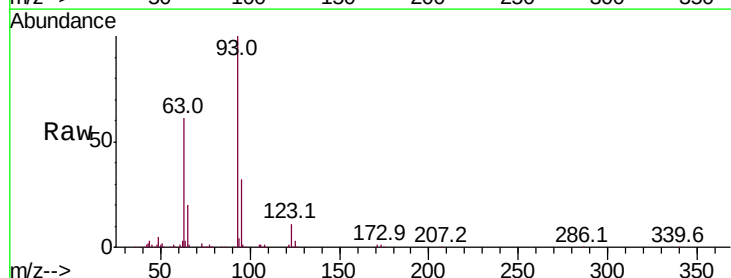
Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

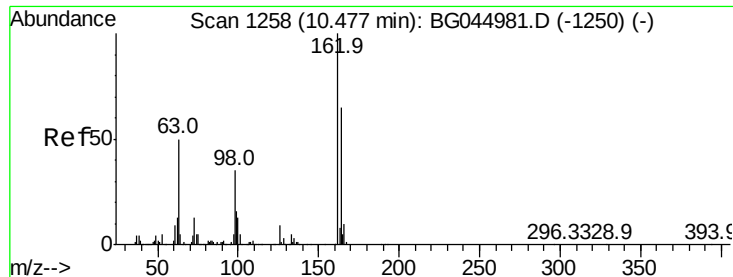
Tot Ion	Ratio	Lower	Upper
122	100		
107	120.9	96.8	145.2
121	61.3	45.6	68.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.395 ng
 RT: 10.20 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BG045184.D
 Acq: 28 Apr 2020 13:56

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	27.0	40.4
123	10.9	8.7	13.1

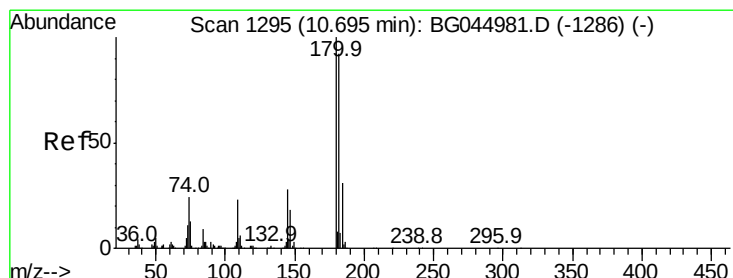
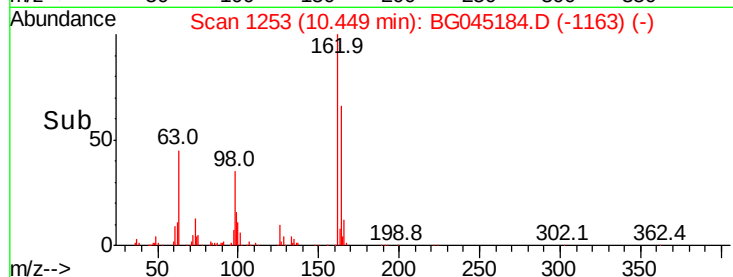
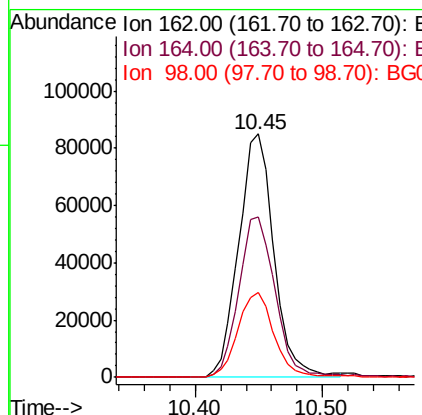
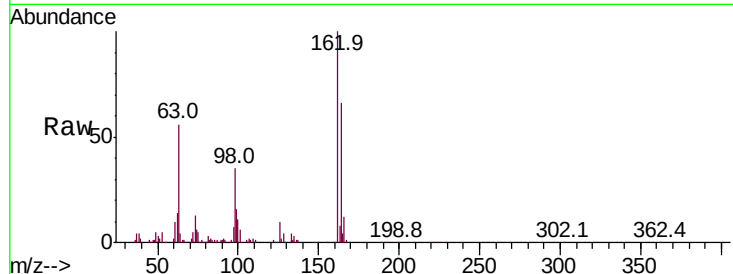




#29
 2,4-Dichlorophenol
 Concen: 39.234 ng
 RT: 10.45 min Scan# 1253
 Delta R.T. 0.00 min
 Lab File: BG045184.D
 Acq: 28 Apr 2020 13:56

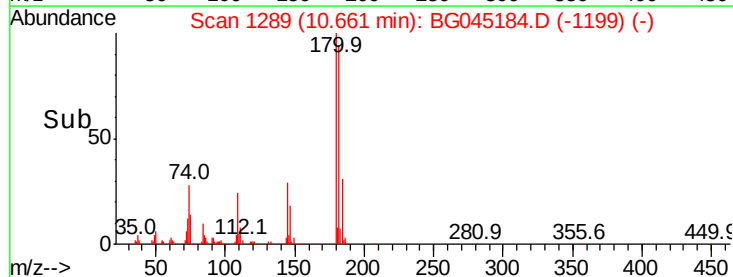
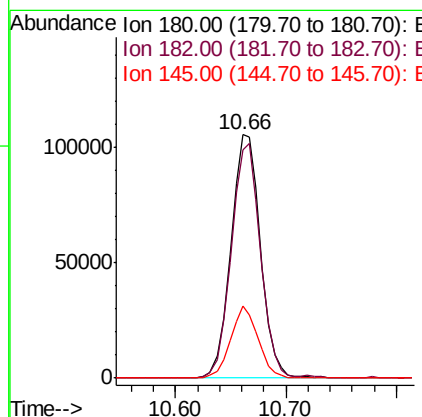
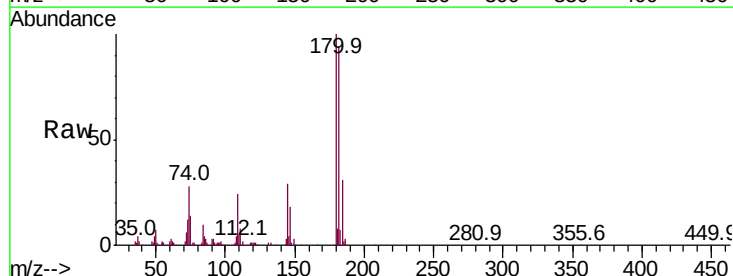
Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

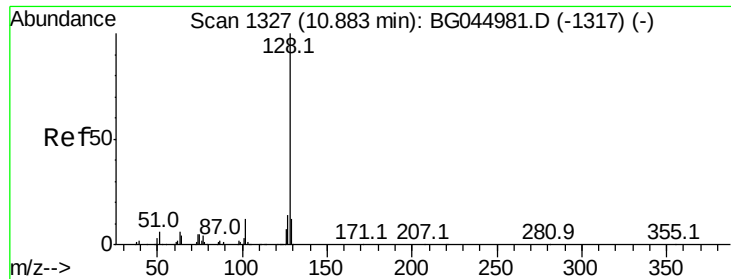
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.1	45.0	85.0
98	35.1	15.2	55.2



#30
 1,2,4-Trichlorobenzene
 Concen: 41.515 ng
 RT: 10.66 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: BG045184.D
 Acq: 28 Apr 2020 13:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	73.3	109.9
145	29.4	22.6	33.8

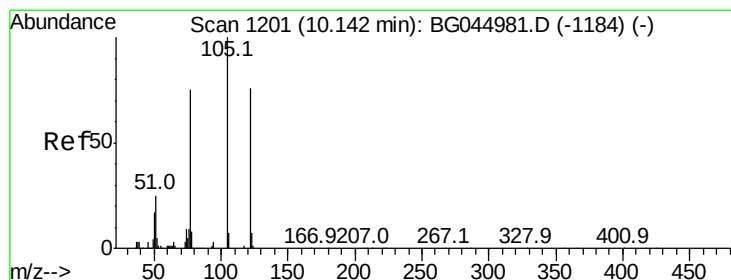
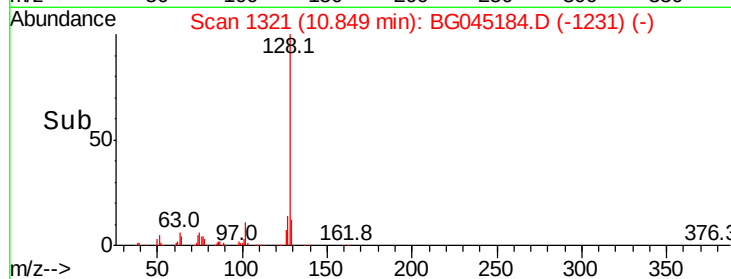
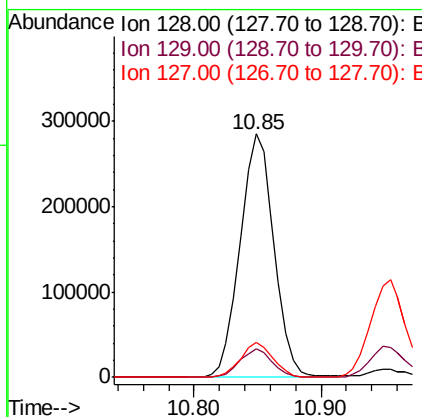
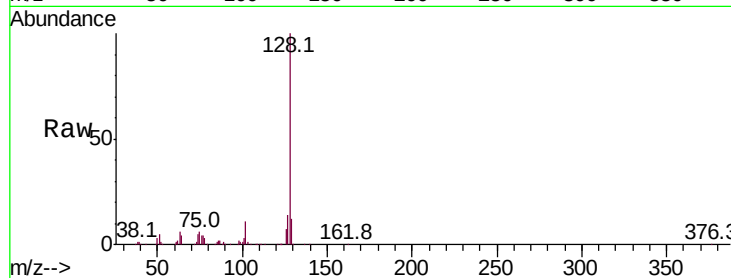




#31
Naphthalene
Concen: 40.814 ng
RT: 10.85 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BG045184.D
Acq: 28 Apr 2020 13:56

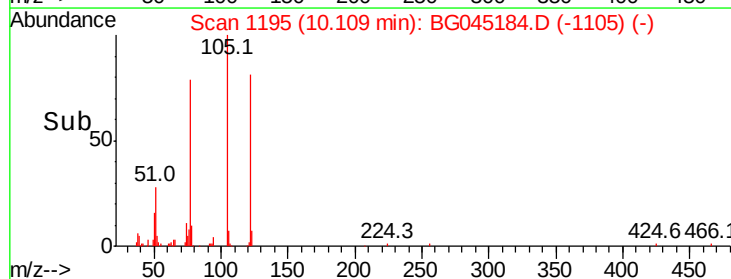
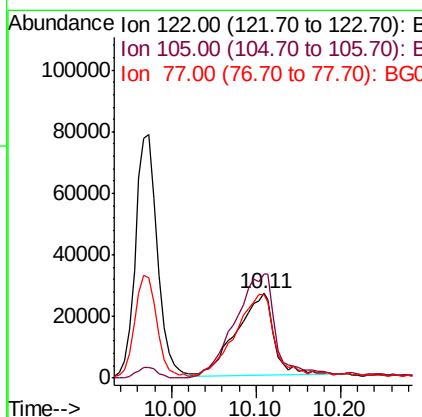
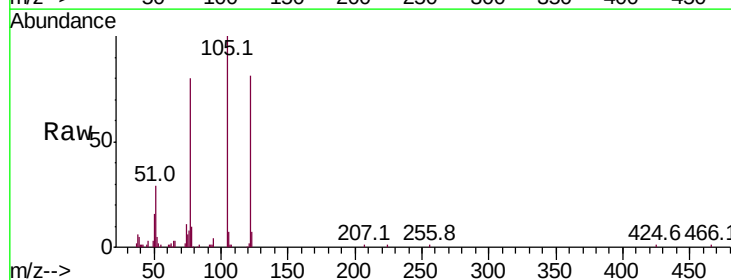
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

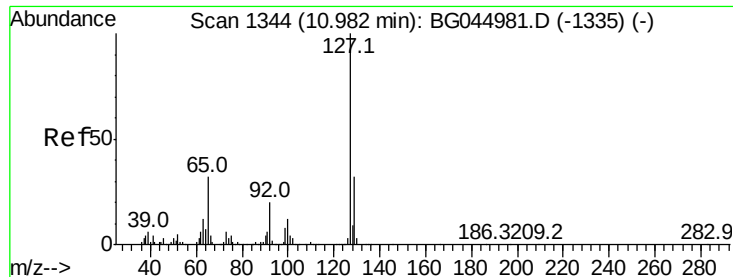
Tot Ion:128 Resp: 527980
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.2
127 14.4 10.8 16.2



#32
Benzoic acid
Concen: 30.930 ng
RT: 10.11 min Scan# 1195
Delta R.T. 0.00 min
Lab File: BG045184.D
Acq: 28 Apr 2020 13:56

Tgt Ion:122 Resp: 83053
Ion Ratio Lower Upper
122 100
105 123.6 108.4 148.4
77 98.4 78.8 118.8

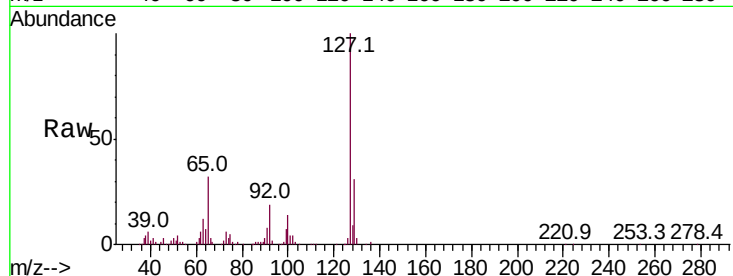




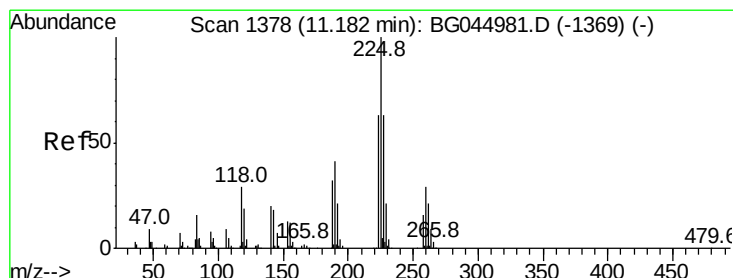
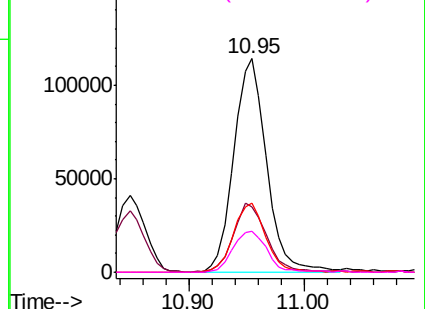
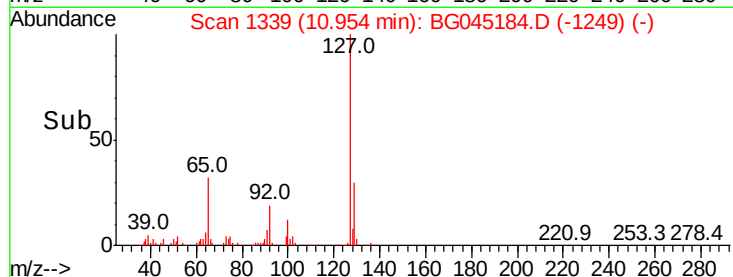
#33
4-Chloroaniline
Concen: 37.048 ng
RT: 10.95 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BG045184.D
Acq: 28 Apr 2020 13:56

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	223511
Ion Ratio	Lower	Upper	
127	100		
129	30.6	25.7	38.5
65	32.2	25.4	38.2
92	19.1	16.1	24.1

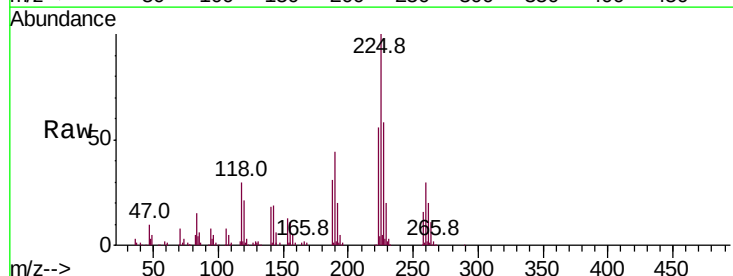


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

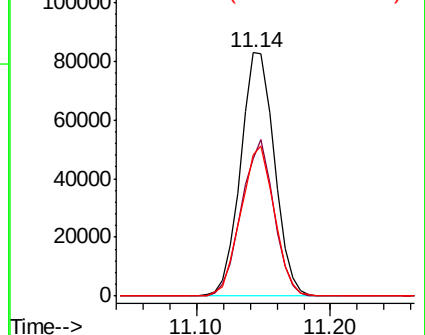
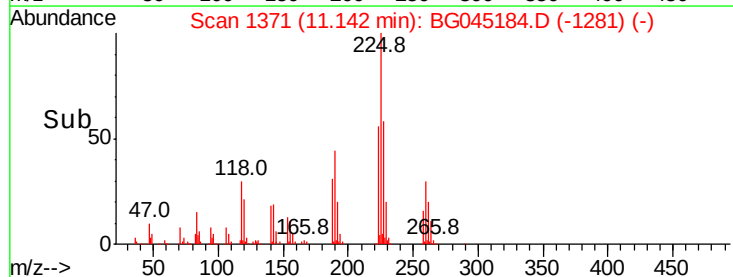


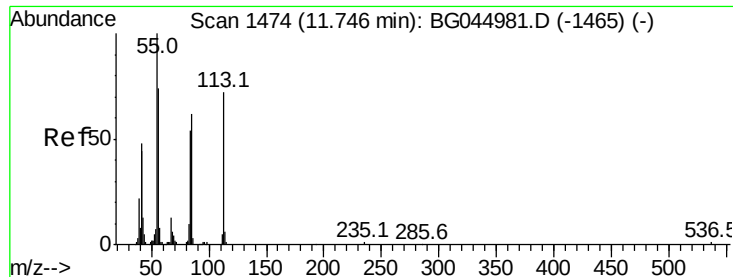
#34
Hexachlorobutadiene
Concen: 44.581 ng
RT: 11.14 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BG045184.D
Acq: 28 Apr 2020 13:56

Tgt Ion:	225	Resp:	145087
Ion Ratio	Lower	Upper	
225	100		
223	56.3	50.7	76.1
227	57.8	50.2	75.2



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: 35.035 ng

RT: 11.71 min Scan# 1468

Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

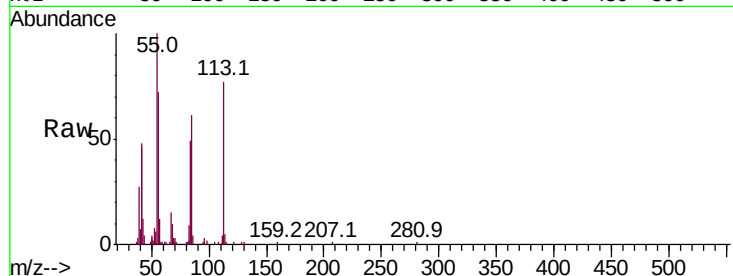
Tot Ion:113 Resp: 58458

Ion Ratio Lower Upper

113 100

55 130.4 118.8 158.8

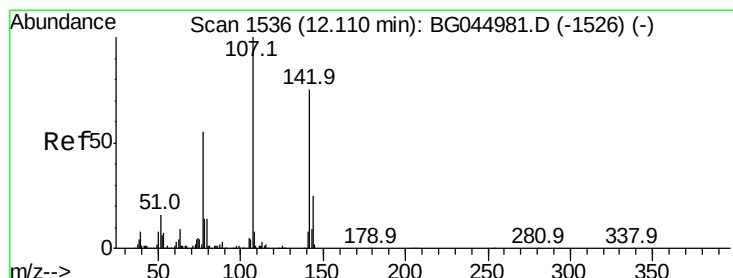
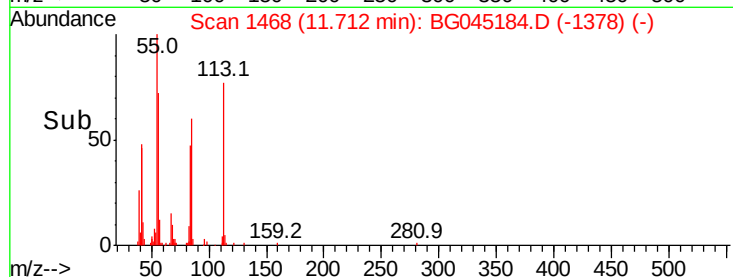
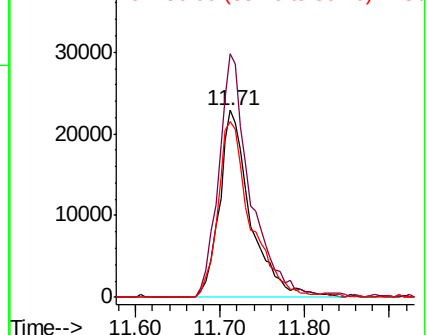
56 94.2 82.6 122.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 39.421 ng

RT: 12.08 min Scan# 1531

Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

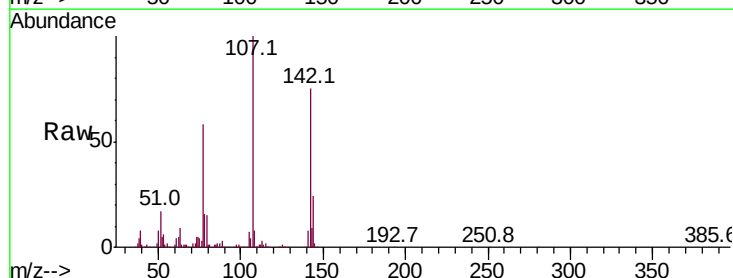
Tgt Ion:107 Resp: 194147

Ion Ratio Lower Upper

107 100

144 24.4 19.8 29.6

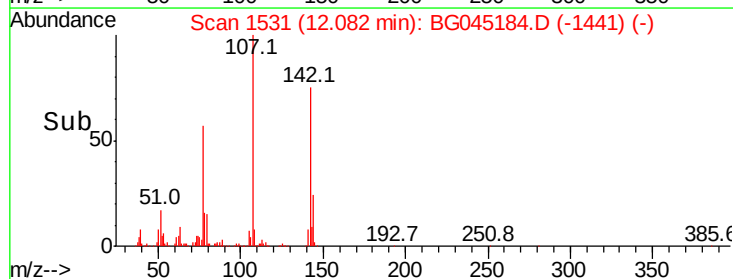
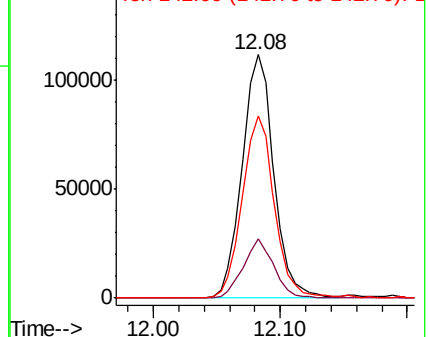
142 74.7 59.7 89.5

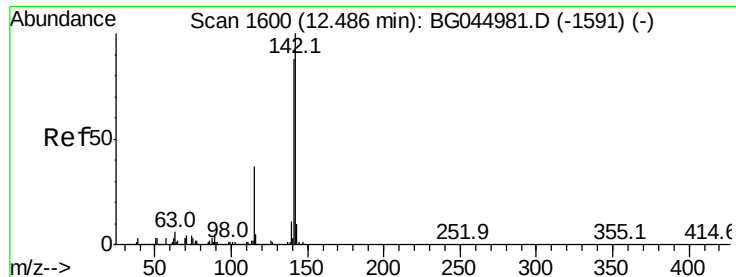


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.950 ng

RT: 12.46 min Scan# 1595

Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

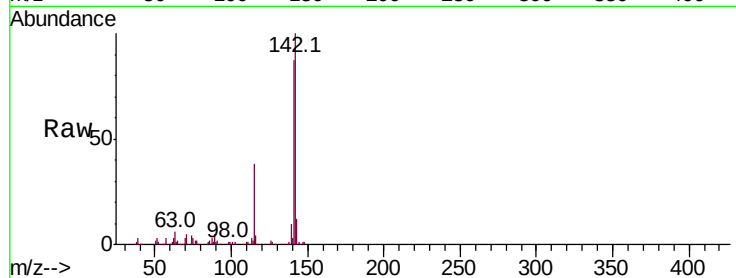
Tot Ion:142 Resp: 401133

Ion Ratio Lower Upper

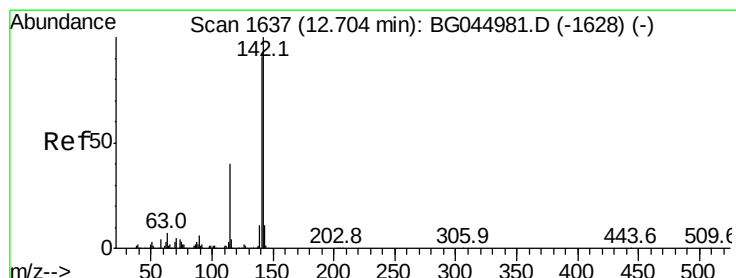
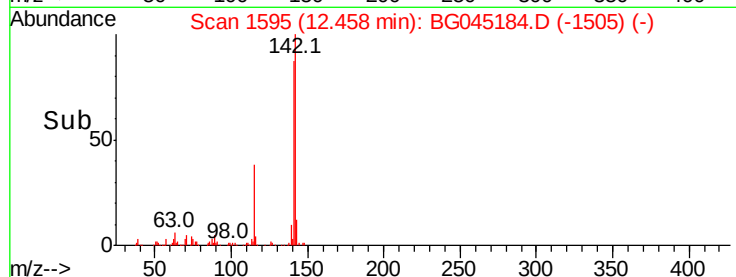
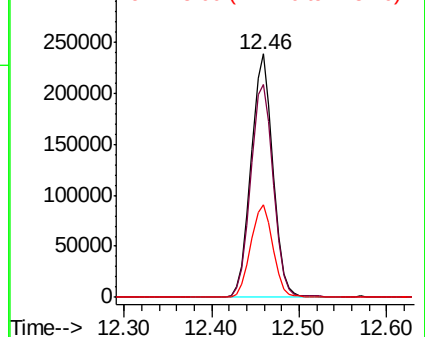
142 100

141 87.2 70.3 105.5

115 38.0 29.8 44.6



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 39.648 ng

RT: 12.68 min Scan# 1632

Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

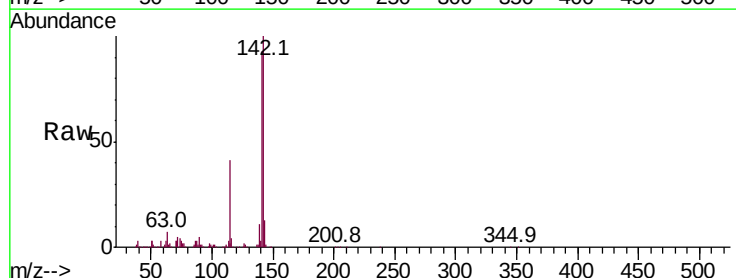
Tgt Ion:142 Resp: 375824

Ion Ratio Lower Upper

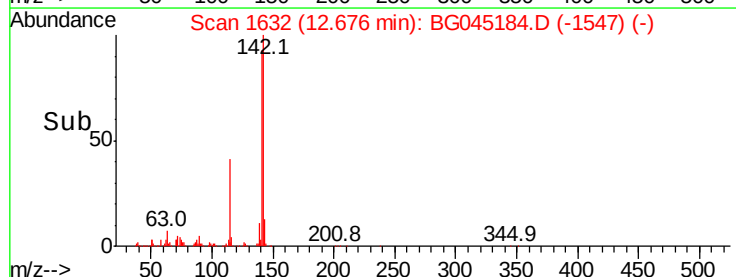
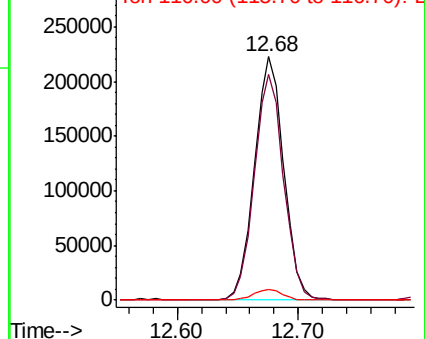
142 100

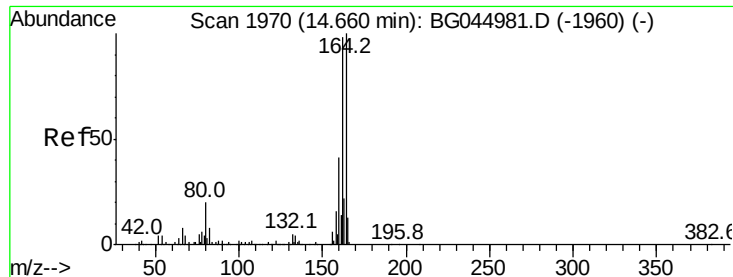
141 92.8 72.7 109.1

116 4.3 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# 1965

Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:164 Resp: 171323

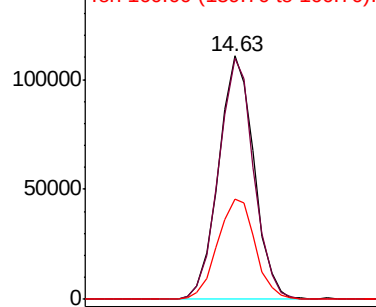
Ion	Ratio	Lower	Upper
164	100		
162	99.0	78.7	118.1
160	41.0	32.8	49.2

Abundance

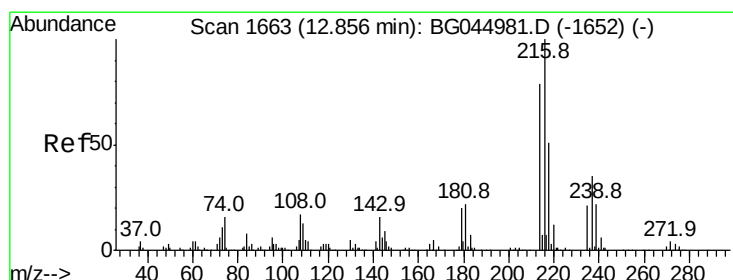
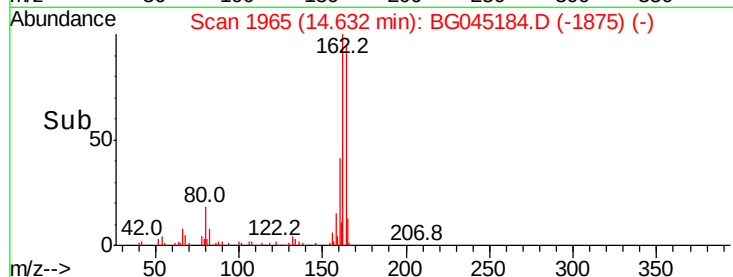
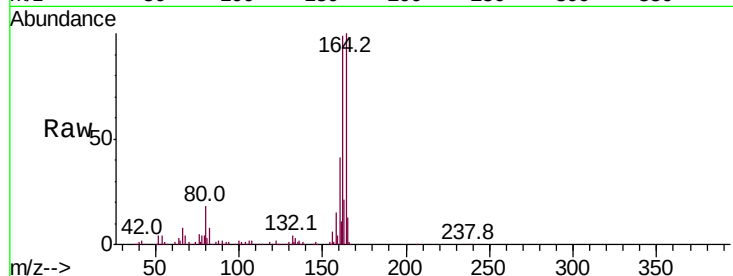
Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.954 ng

RT: 12.83 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

Tgt Ion:216 Resp: 225911

Ion	Ratio	Lower	Upper
216	100		
214	77.8	63.0	94.6
179	20.3	15.8	23.8
108	17.4	14.2	21.2

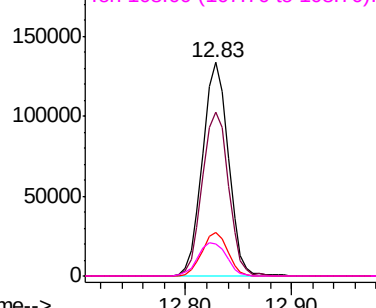
Abundance

Ion 216.00 (215.70 to 216.70): E

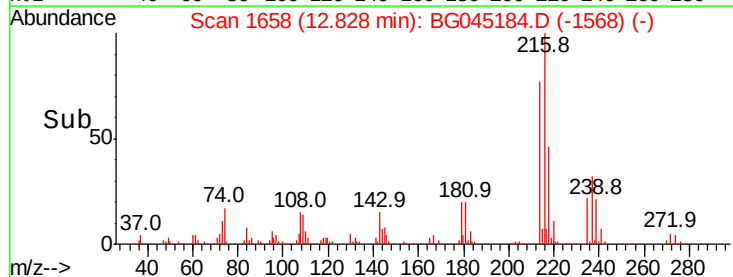
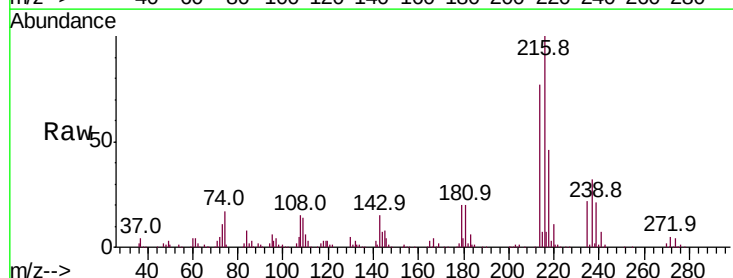
Ion 214.00 (213.70 to 214.70): E

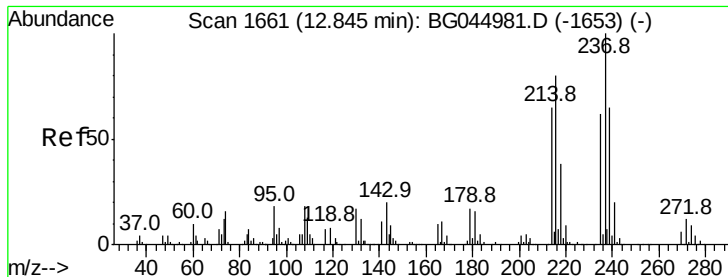
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->





#41

Hexachlorocyclopentadiene

Concen: 55.663 ng

RT: 12.81 min Scan# 1655

Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

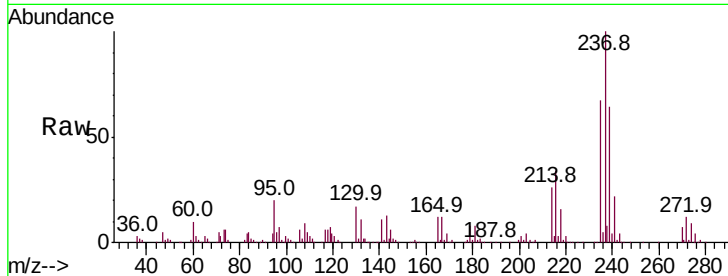
Tot Ion:237 Resp: 191907

Ion Ratio Lower Upper

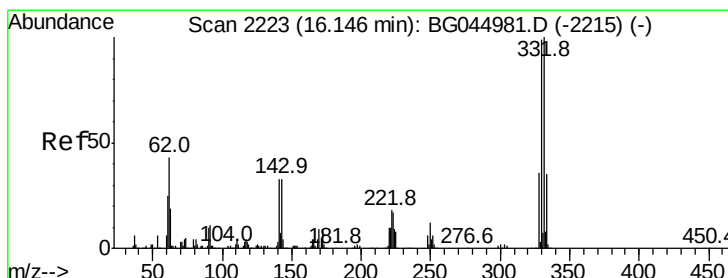
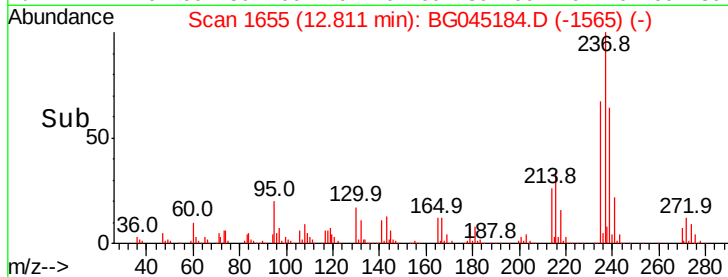
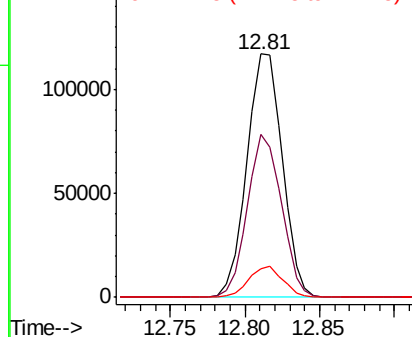
237 100

235 67.1 41.6 81.6

272 12.0 0.0 32.1



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: 81.515 ng

RT: 16.12 min Scan# 2219

Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

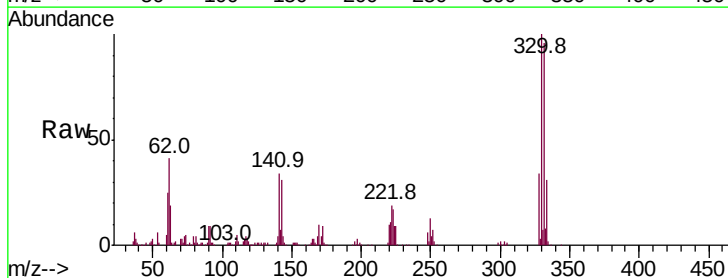
Tgt Ion:330 Resp: 215746

Ion Ratio Lower Upper

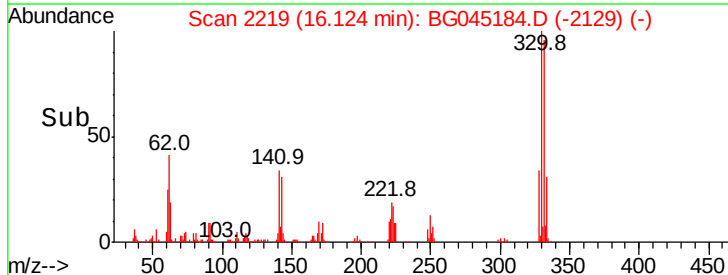
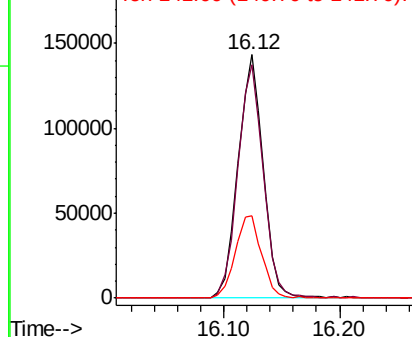
330 100

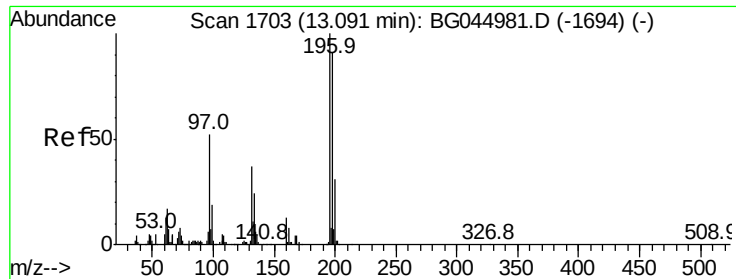
332 97.1 79.1 118.7

141 35.7 27.1 40.7



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

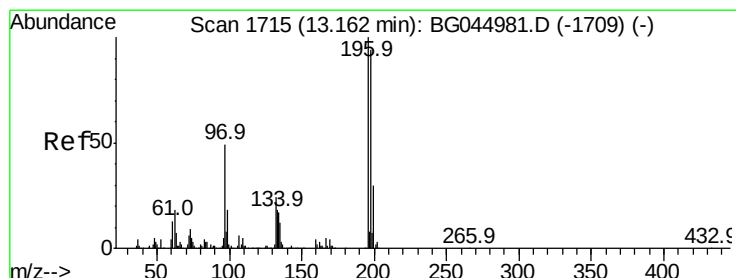
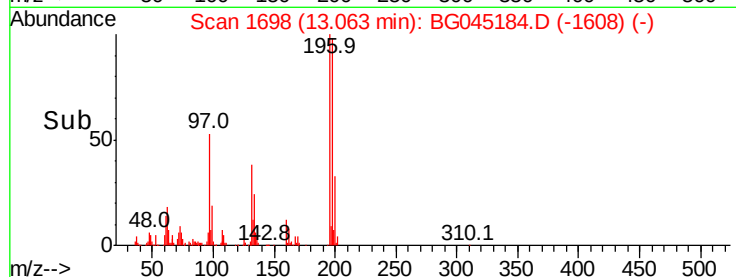
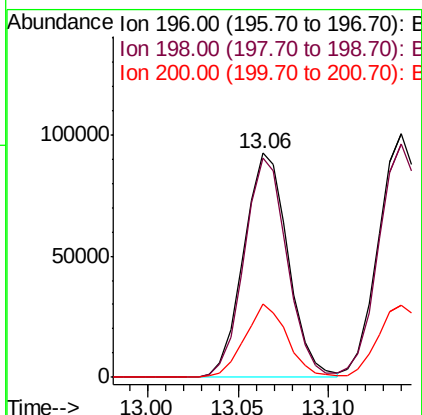
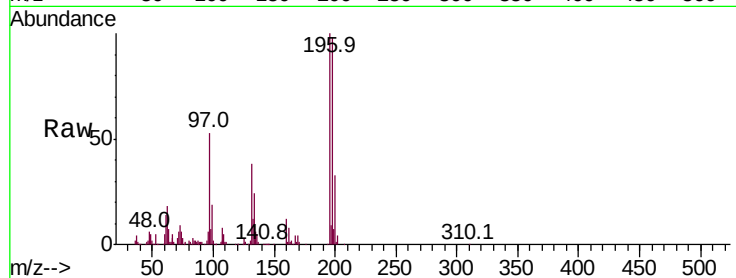




#43
 2,4,6-Trichlorophenol
 Concen: 40.674 ng
 RT: 13.06 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: BG045184.D
 Acq: 28 Apr 2020 13:56

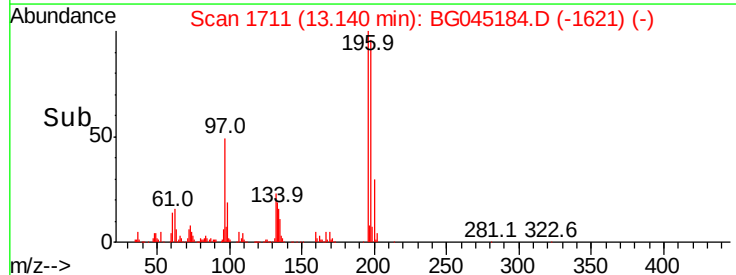
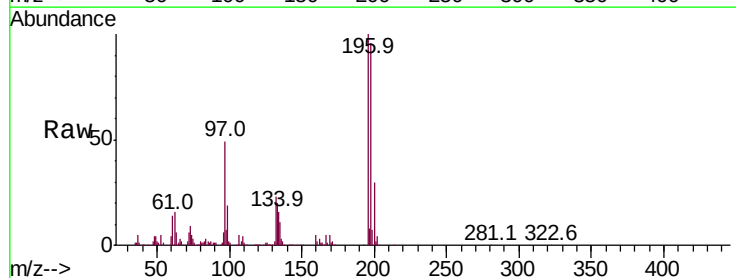
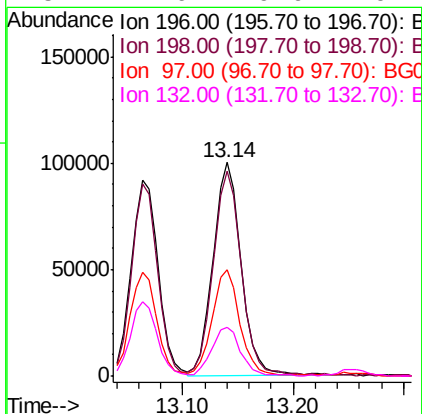
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

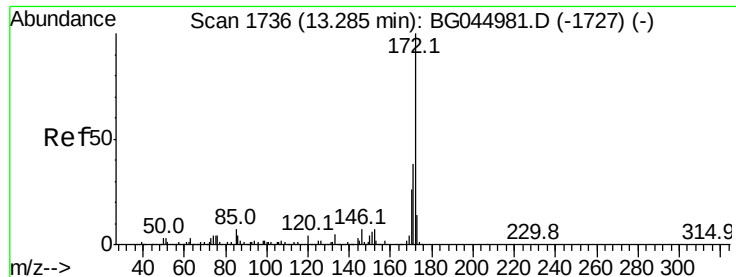
Tot Ion	Ratio	Lower	Upper
196	100		
198	97.9	72.5	108.7
200	32.5	24.5	36.7



#44
 2,4,5-Trichlorophenol
 Concen: 39.724 ng
 RT: 13.14 min Scan# 1711
 Delta R.T. 0.00 min
 Lab File: BG045184.D
 Acq: 28 Apr 2020 13:56

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.7	75.7	113.5
97	49.5	39.6	59.4
132	22.6	19.6	29.4

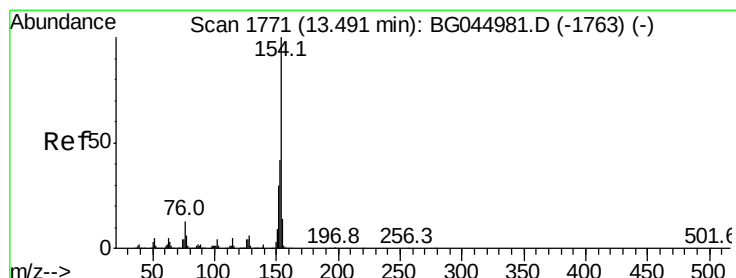
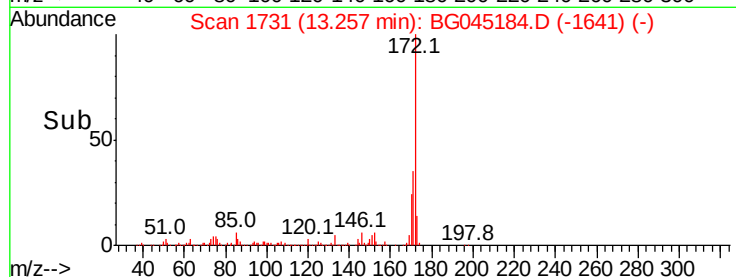
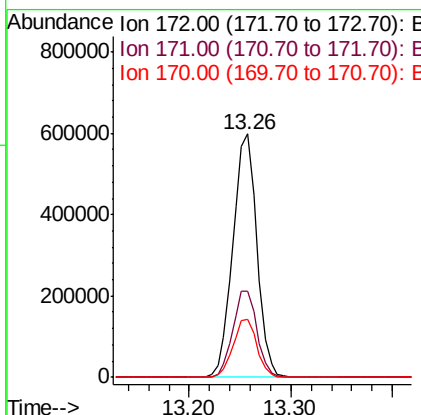
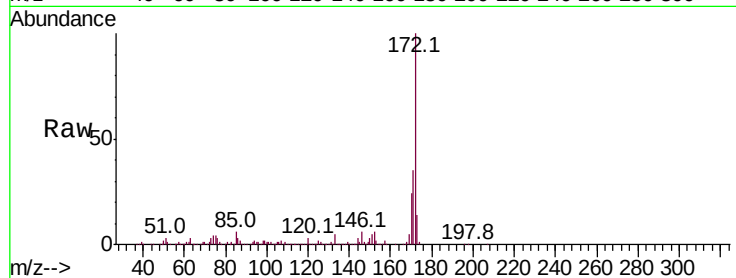




#45
 2-Fluorobiphenyl
 Concen: 84.111 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: BG045184.D
 Acq: 28 Apr 2020 13:56

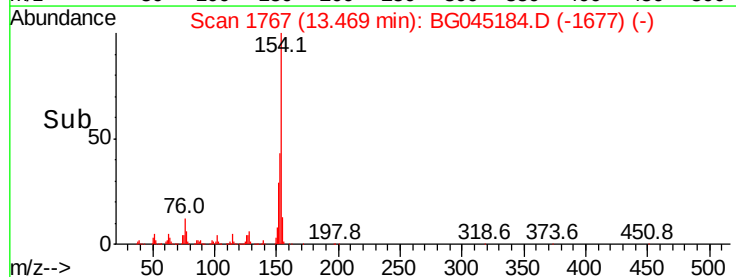
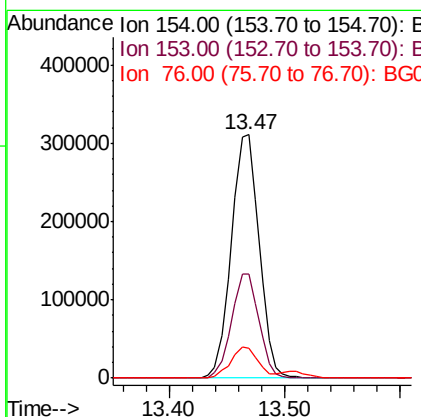
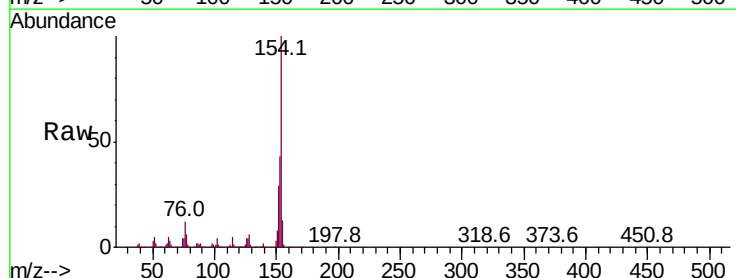
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

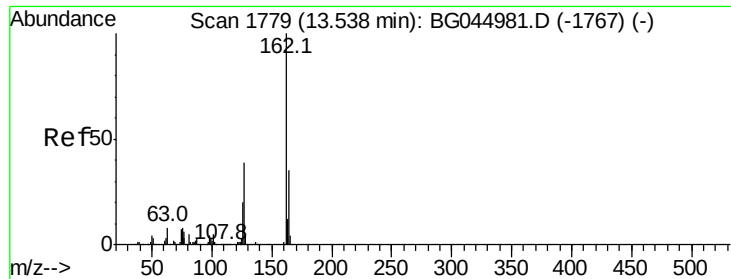
Tot Ion:	172	Resp:	982748
Ion	Ratio	Lower	Upper
172	100		
171	35.2	30.6	46.0
170	23.9	20.5	30.7



#46
 1,1'-Biphenyl
 Concen: 39.896 ng
 RT: 13.47 min Scan# 1767
 Delta R.T. 0.00 min
 Lab File: BG045184.D
 Acq: 28 Apr 2020 13:56

Tgt Ion:	154	Resp:	519510
Ion	Ratio	Lower	Upper
154	100		
153	42.6	21.9	61.9
76	12.1	0.0	33.1

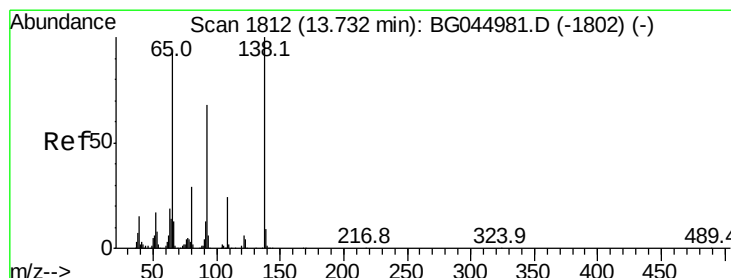
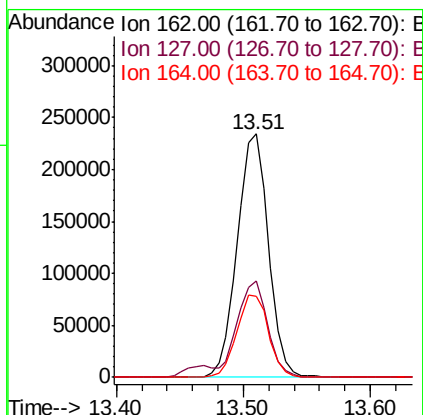
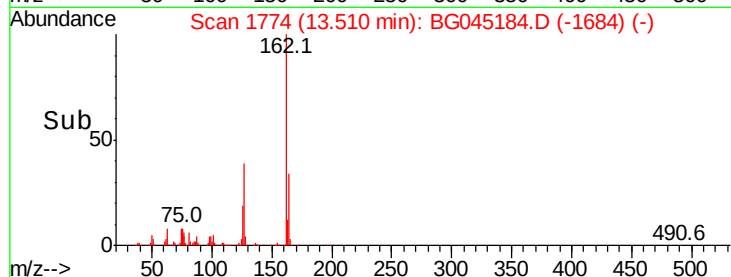
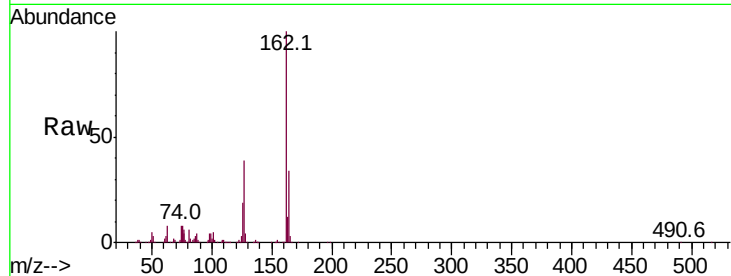




#47
2-Chloronaphthalene
Concen: 40.191 ng
RT: 13.51 min Scan# 1774
Delta R.T. 0.00 min
Lab File: BG045184.D
Acq: 28 Apr 2020 13:56

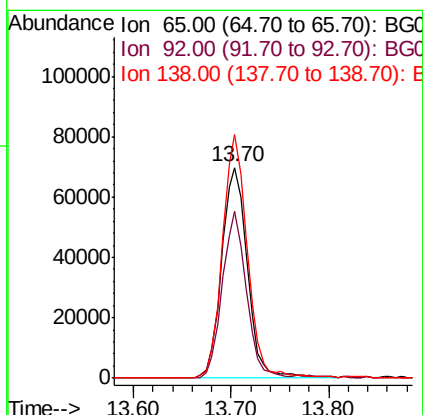
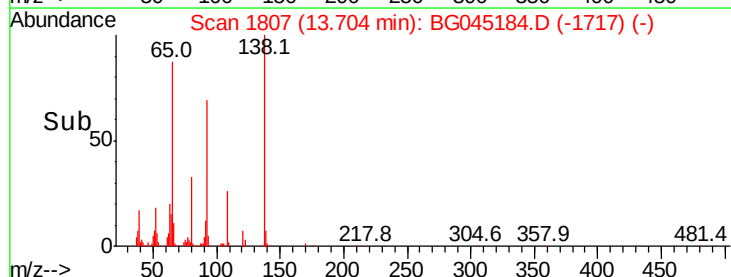
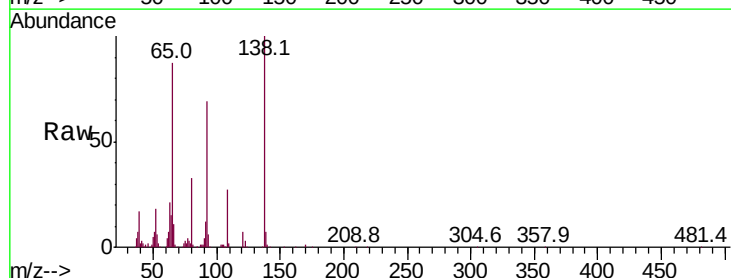
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

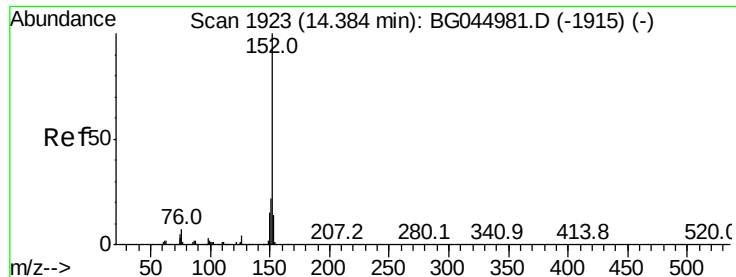
Tot Ion:162 Resp: 399902
Ion Ratio Lower Upper
162 100
127 39.4 31.3 46.9
164 33.5 27.8 41.8



#48
2-Nitroaniline
Concen: 39.123 ng
RT: 13.70 min Scan# 1807
Delta R.T. 0.00 min
Lab File: BG045184.D
Acq: 28 Apr 2020 13:56

Tgt Ion: 65 Resp: 128076
Ion Ratio Lower Upper
65 100
92 79.4 58.3 87.5
138 115.6 85.6 128.4





#49

Acenaphthylene

Concen: 39.812 ng

RT: 14.36 min Scan# 1918

Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

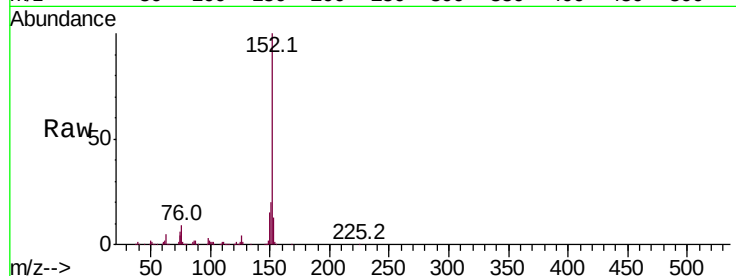
Tot Ion:152 Resp: 645232

Ion Ratio Lower Upper

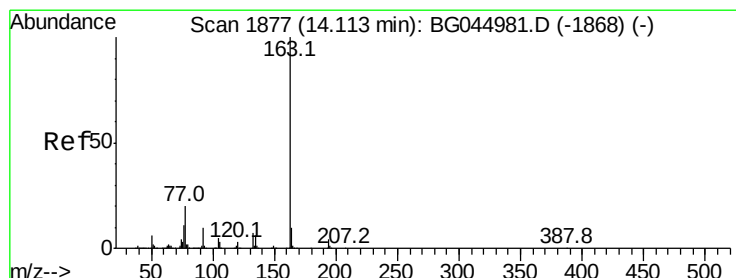
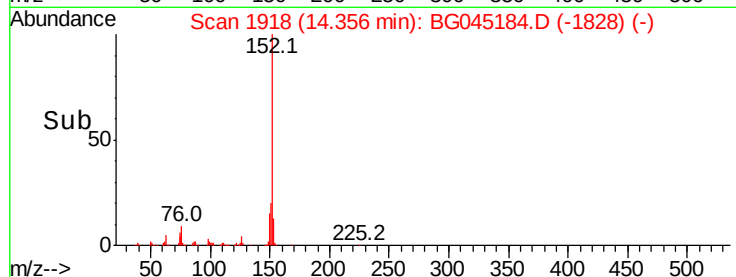
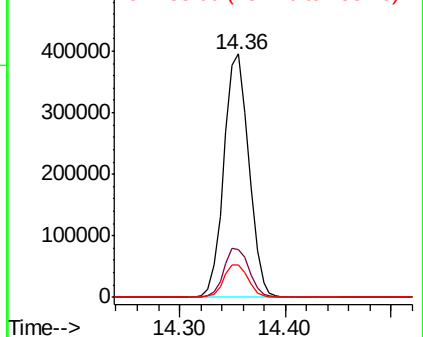
152 100

151 19.6 17.2 25.8

153 13.3 11.0 16.4



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.721 ng

RT: 14.09 min Scan# 1872

Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

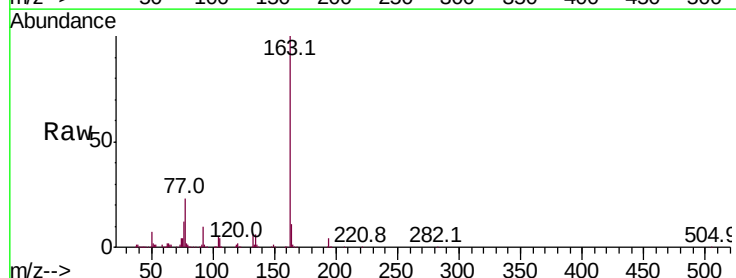
Tgt Ion:163 Resp: 554104

Ion Ratio Lower Upper

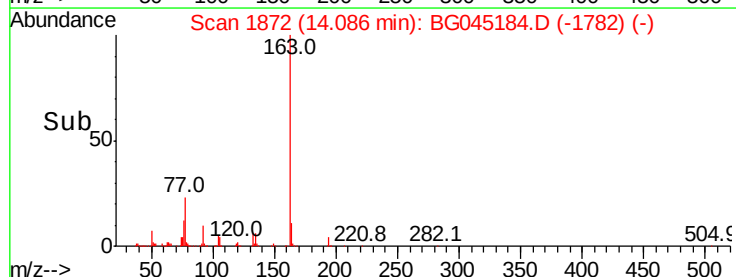
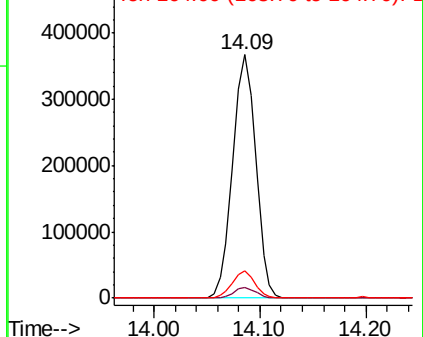
163 100

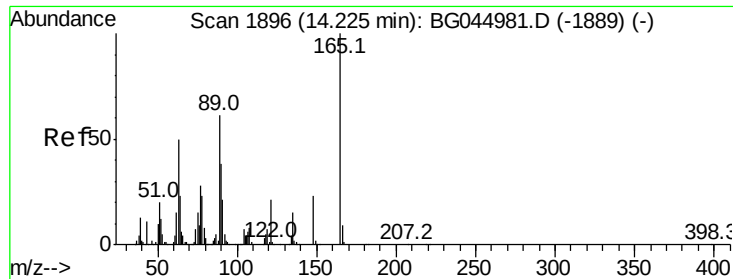
194 4.4 3.5 5.3

164 11.0 8.2 12.4



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

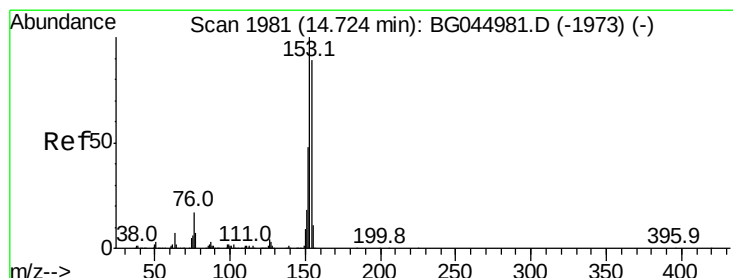
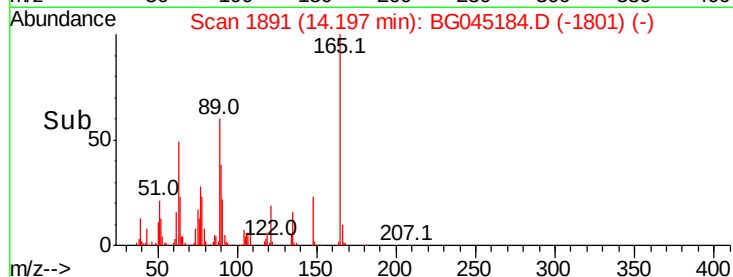
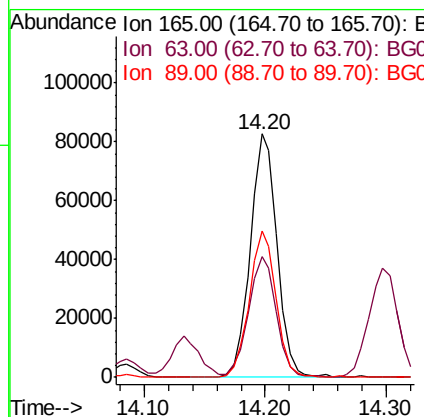
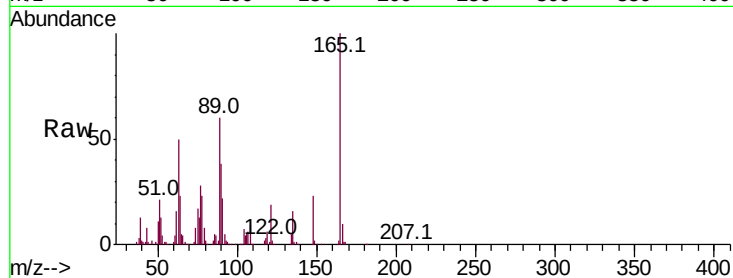




#51
 2,6-Dinitrotoluene
 Concen: 40.772 ng
 RT: 14.20 min Scan# 1891
 Delta R.T. 0.00 min
 Lab File: BG045184.D
 Acq: 28 Apr 2020 13:56

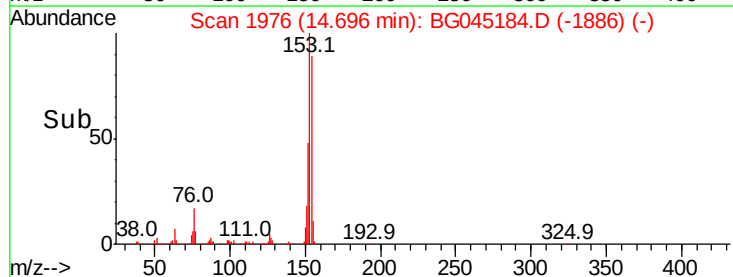
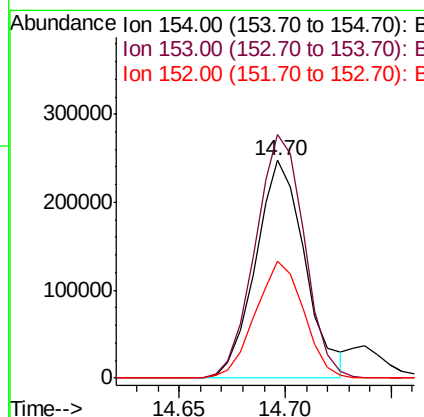
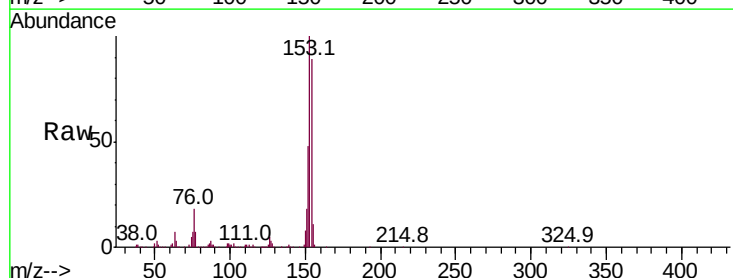
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

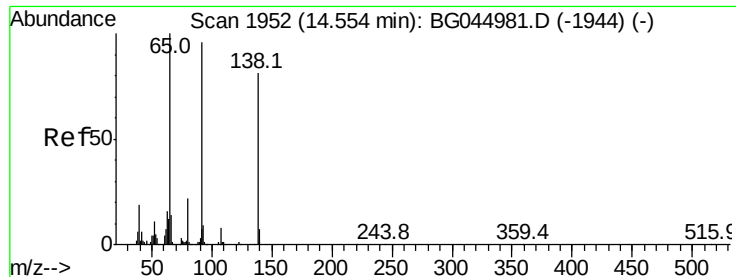
Tot Ion:165 Resp: 127217
 Ion Ratio Lower Upper
 165 100
 63 49.5 40.4 60.6
 89 60.0 49.1 73.7



#52
 Acenaphthene
 Concen: 36.672 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. 0.00 min
 Lab File: BG045184.D
 Acq: 28 Apr 2020 13:56

Tgt Ion:154 Resp: 402133
 Ion Ratio Lower Upper
 154 100
 153 111.8 89.7 134.5
 152 53.6 43.1 64.7





#53

3-Nitroaniline

Concen: 37.912 ng

RT: 14.53 min Scan# 1948

Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

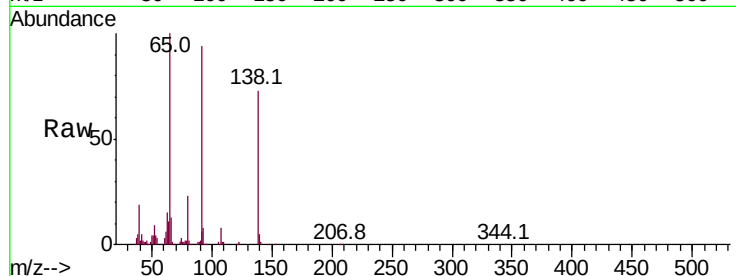
Tot Ion:138 Resp: 129739

Ion Ratio Lower Upper

138 100

108 10.4 7.8 11.8

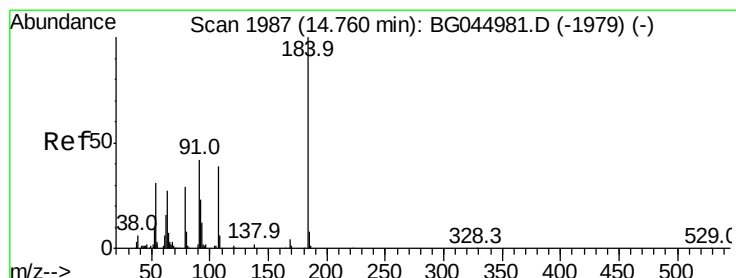
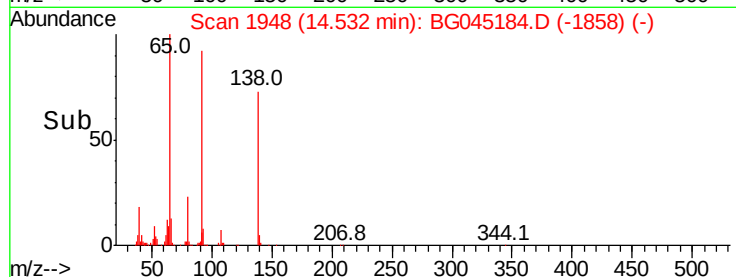
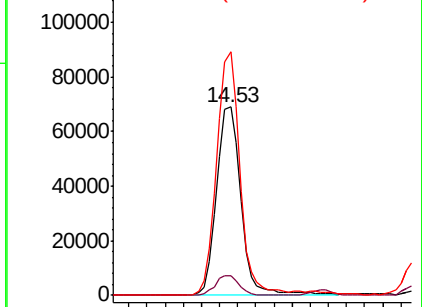
92 129.2 94.5 141.7



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: 50.724 ng

RT: 14.74 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

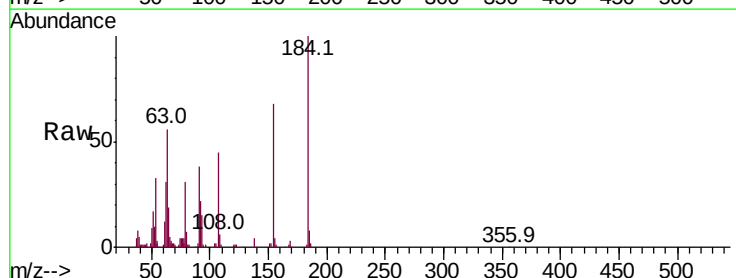
Tgt Ion:184 Resp: 94112

Ion Ratio Lower Upper

184 100

63 56.3 41.5 62.3

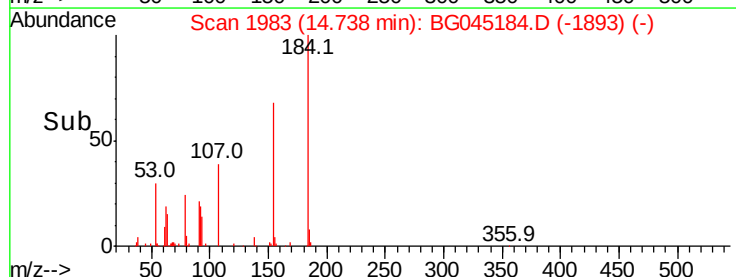
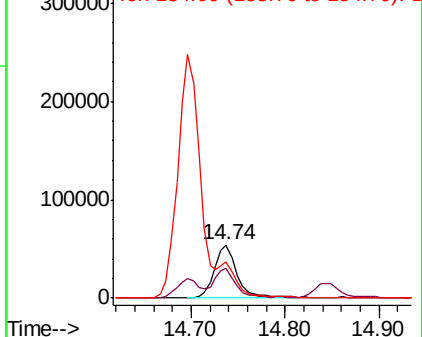
154 68.5 52.3 78.5

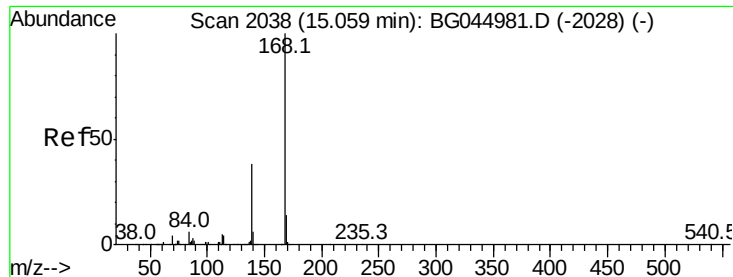


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 40.316 ng

RT: 15.03 min Scan# 2033

Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

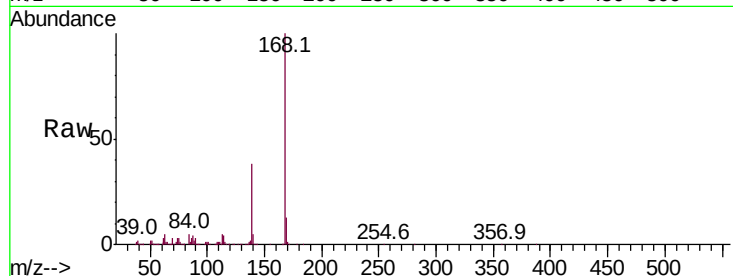
Tot Ion:168 Resp: 644538

Ion Ratio Lower Upper

168 100

139 38.4 30.4 45.6

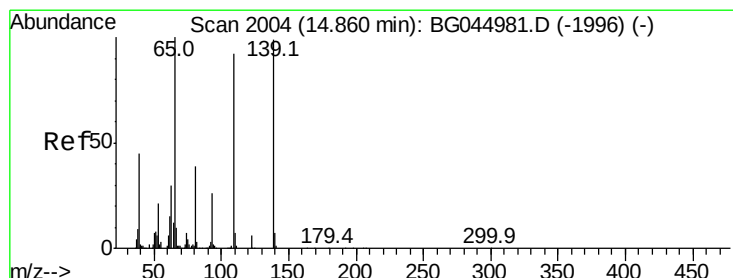
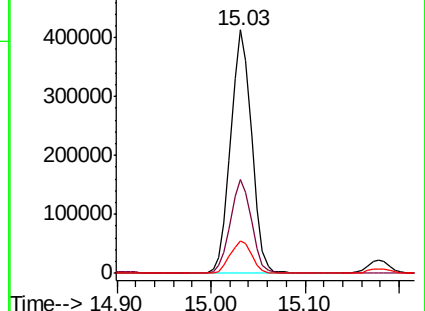
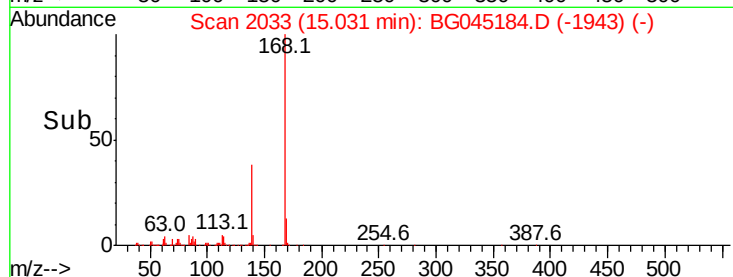
169 13.3 11.0 16.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 40.175 ng

RT: 14.85 min Scan# 2002

Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

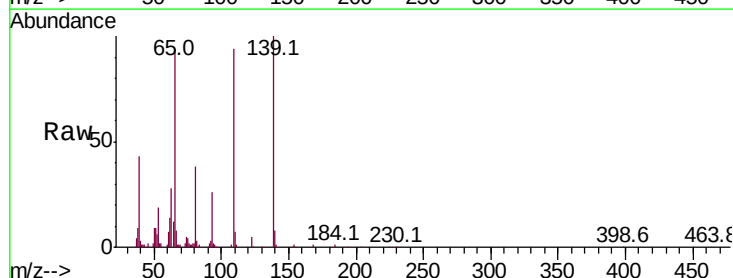
Tgt Ion:139 Resp: 106600

Ion Ratio Lower Upper

139 100

109 93.8 73.6 113.6

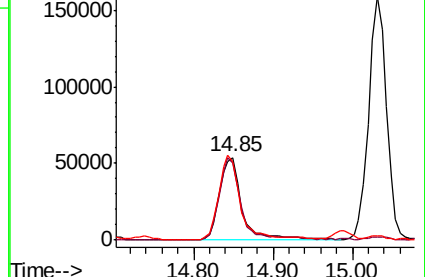
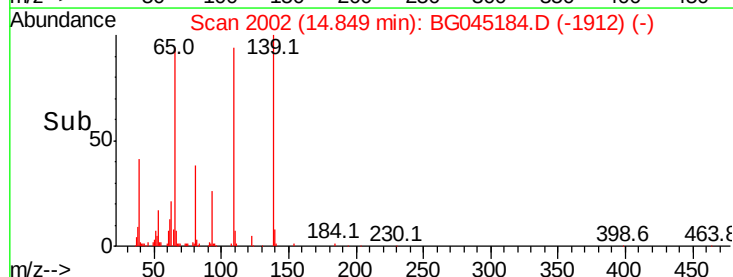
65 94.3 81.2 121.2

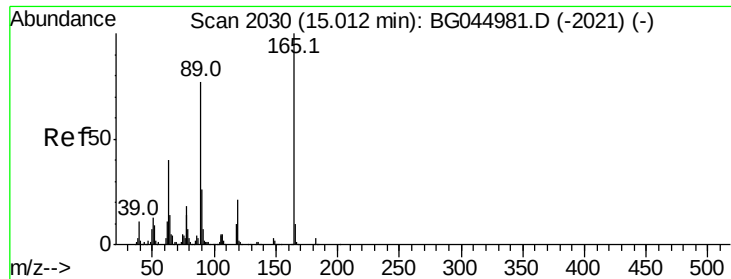


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

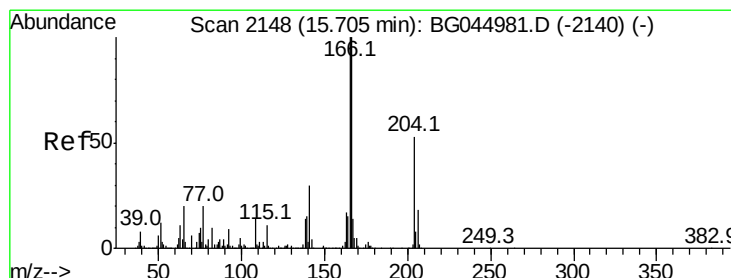
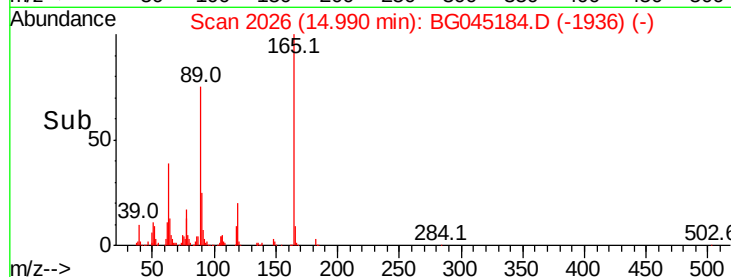
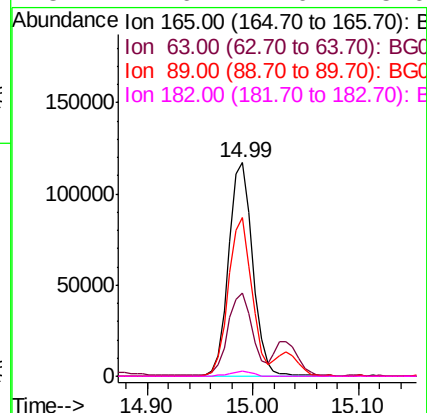
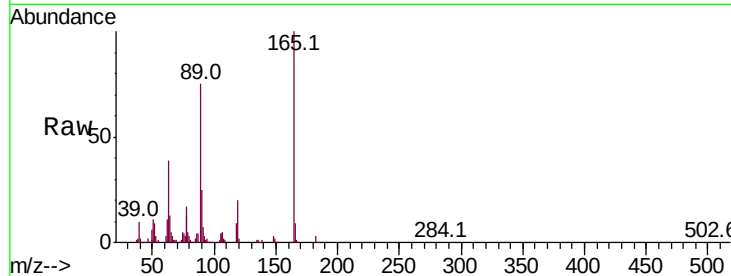




#57
2,4-Dinitrotoluene
Concen: 40.592 ng
RT: 14.99 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BG045184.D
Acq: 28 Apr 2020 13:56

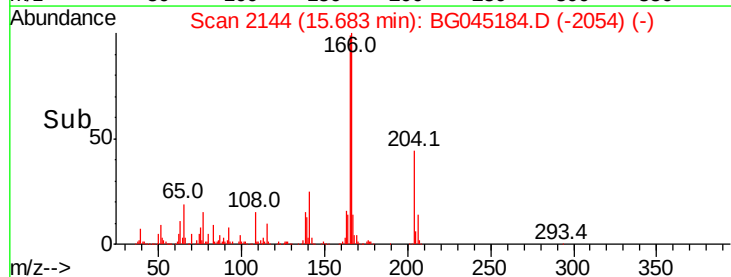
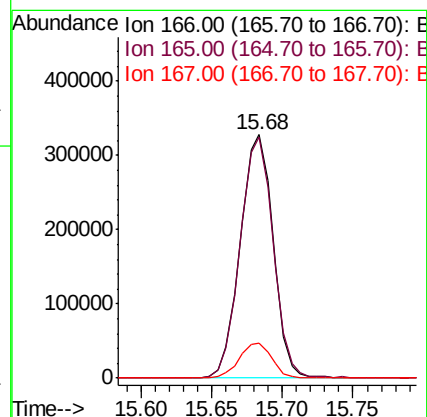
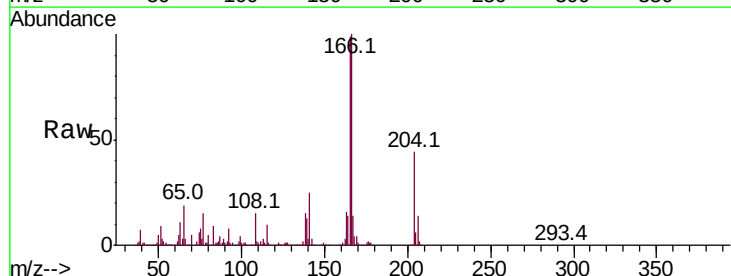
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

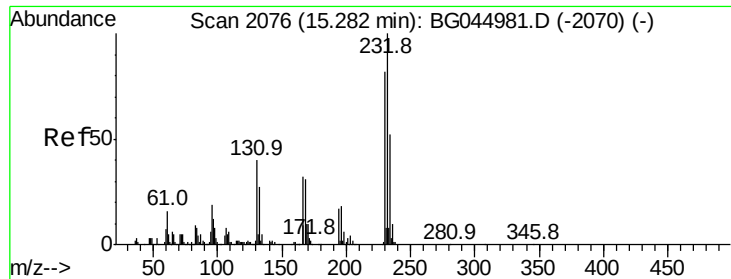
Tot Ion:165 Resp: 185093
Ion Ratio Lower Upper
165 100
63 38.9 32.2 48.2
89 74.6 61.7 92.5
182 2.6 2.0 3.0



#58
Fluorene
Concen: 41.030 ng
RT: 15.68 min Scan# 2144
Delta R.T. 0.00 min
Lab File: BG045184.D
Acq: 28 Apr 2020 13:56

Tgt Ion:166 Resp: 535794
Ion Ratio Lower Upper
166 100
165 98.8 79.9 119.9
167 14.1 11.4 17.0

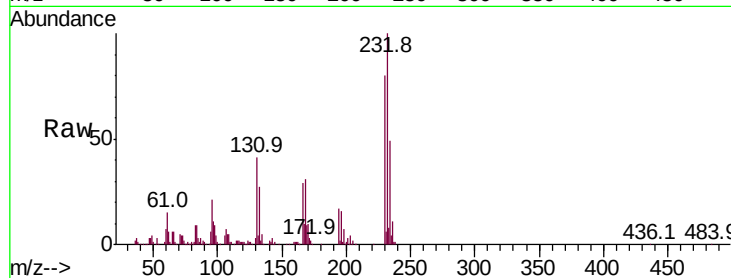




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.458 ng
 RT: 15.26 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: BG045184.D
 Acq: 28 Apr 2020 13:56

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:	232	Resp:	159524
Ion	Ratio	Lower	Upper
232	100		
131	41.0	32.2	48.2
130	2.4	2.2	3.2
166	29.5	24.2	36.4



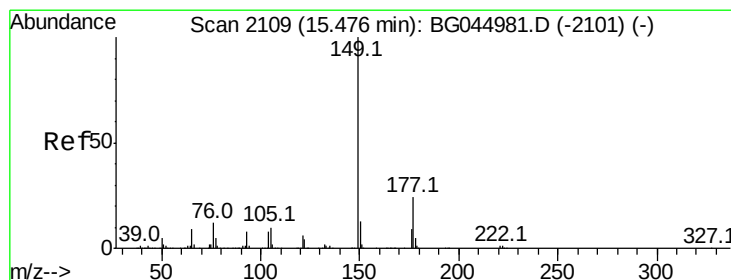
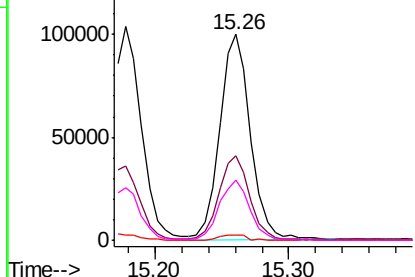
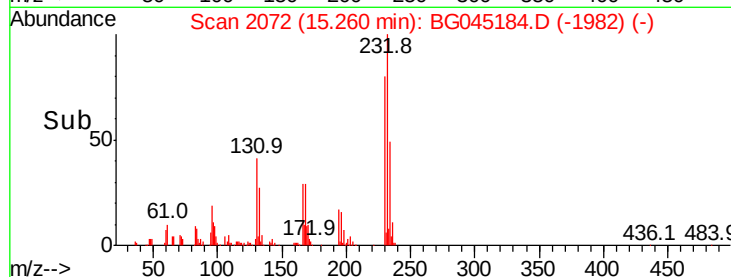
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

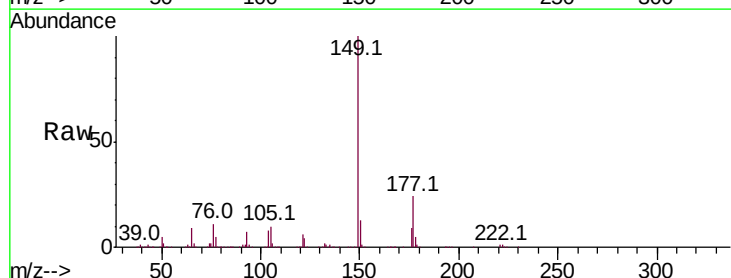
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 39.680 ng
 RT: 15.45 min Scan# 2105
 Delta R.T. 0.00 min
 Lab File: BG045184.D
 Acq: 28 Apr 2020 13:56

Tgt Ion:	149	Resp:	577119
Ion	Ratio	Lower	Upper
149	100		
177	23.9	18.9	28.3
150	12.6	10.6	15.8

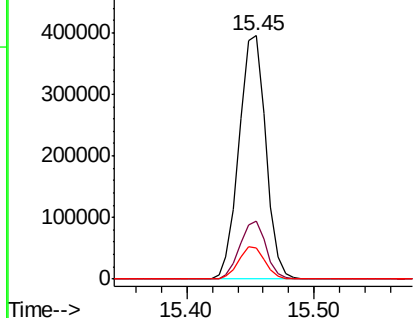
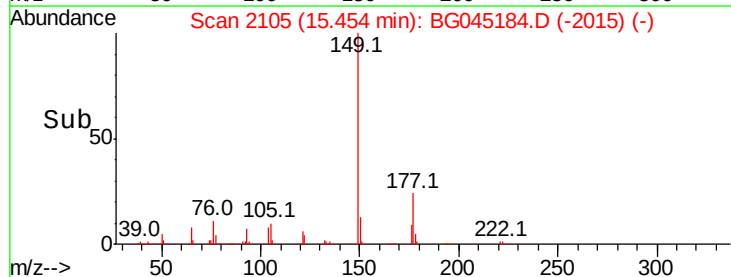


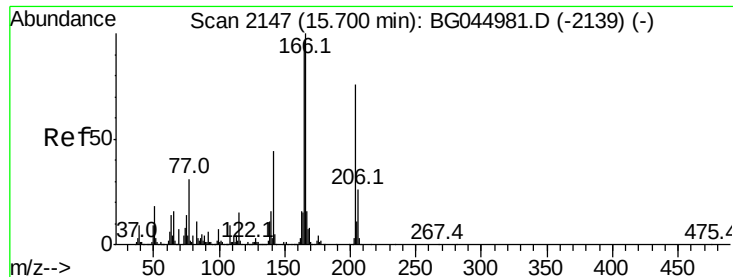
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

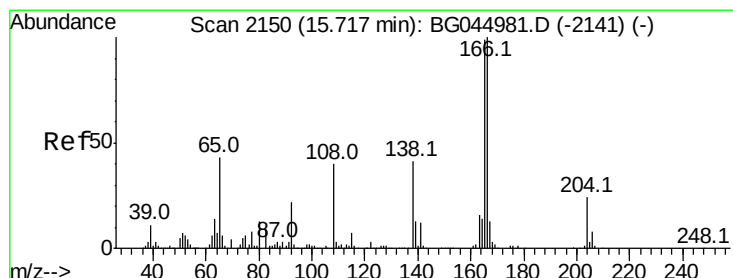
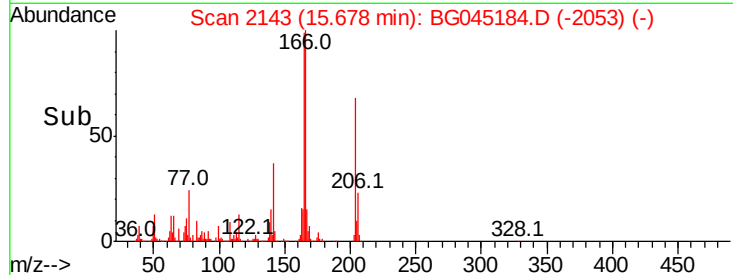
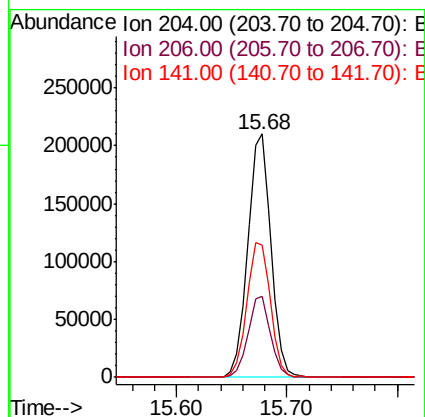
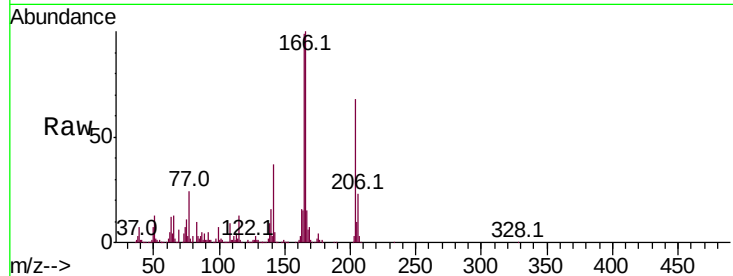




#61
4-Chlorophenyl-phenylether
Concen: 41.096 ng
RT: 15.68 min Scan# 2143
Delta R.T. 0.00 min
Lab File: BG045184.D
Acq: 28 Apr 2020 13:56

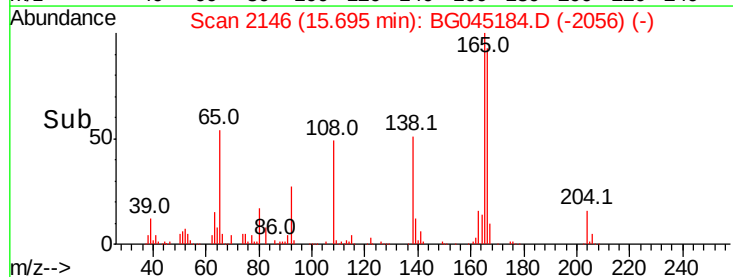
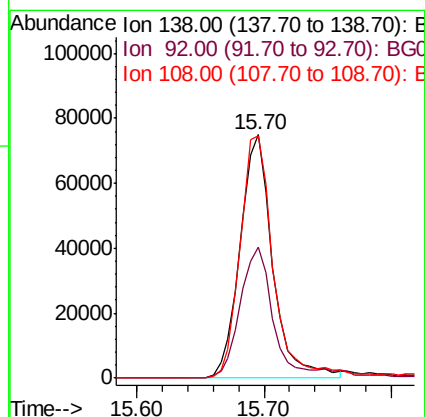
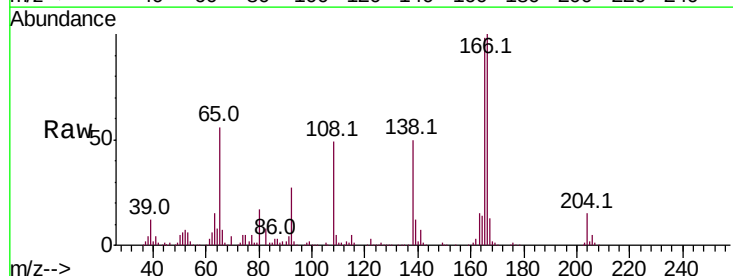
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

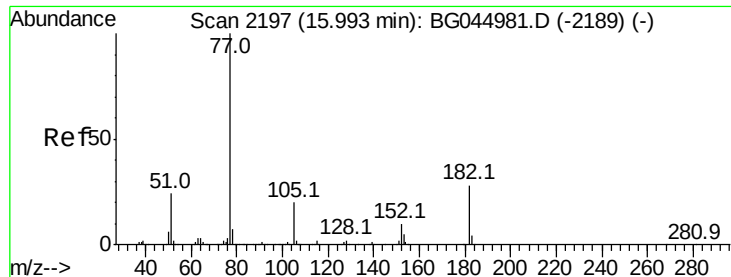
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.9	40.3
141	54.3	46.3	69.5



#62
4-Nitroaniline
Concen: 37.706 ng
RT: 15.70 min Scan# 2146
Delta R.T. 0.00 min
Lab File: BG045184.D
Acq: 28 Apr 2020 13:56

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.9	33.6	73.6
108	99.3	78.2	118.2





#63

Azobenzene

Concen: 39.917 ng

RT: 15.97 min Scan# 2192

Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 535254

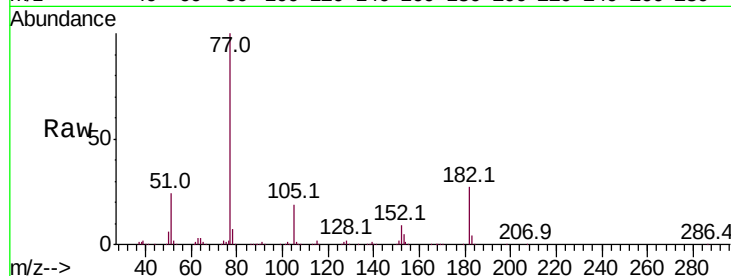
Ion Ratio Lower Upper

77 100

182 26.8 8.4 48.4

105 19.3 0.5 40.5

51 24.2 4.4 44.4

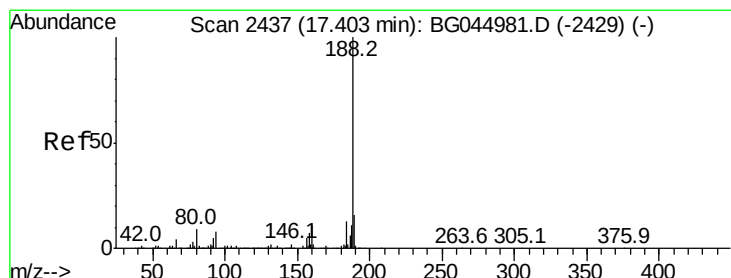
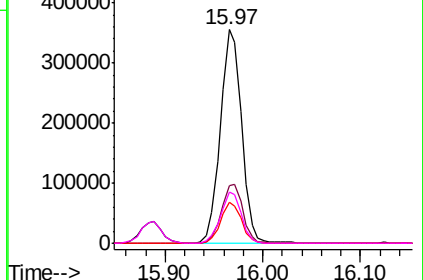
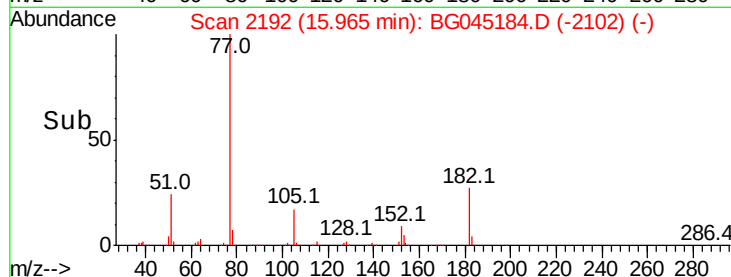


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.38 min Scan# 2433

Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

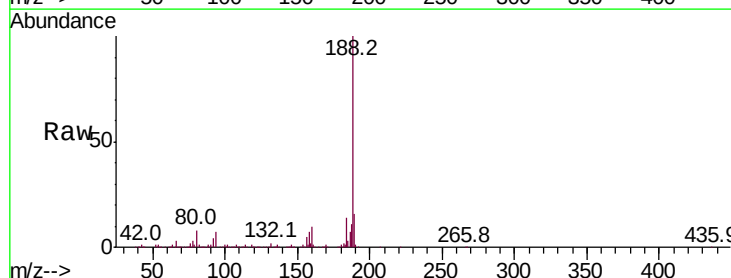
Tgt Ion: 188 Resp: 428042

Ion Ratio Lower Upper

188 100

94 7.4 6.2 9.4

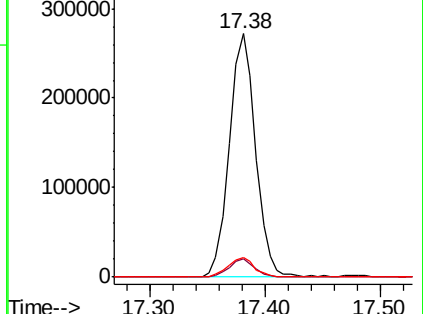
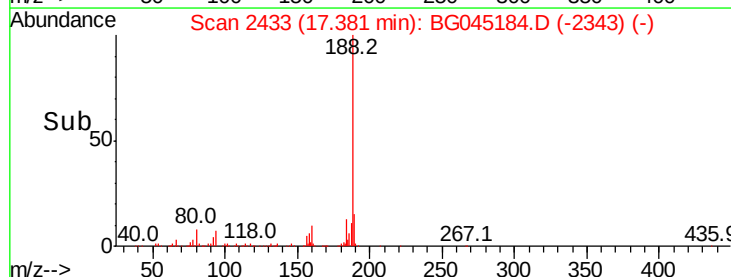
80 8.2 7.0 10.6

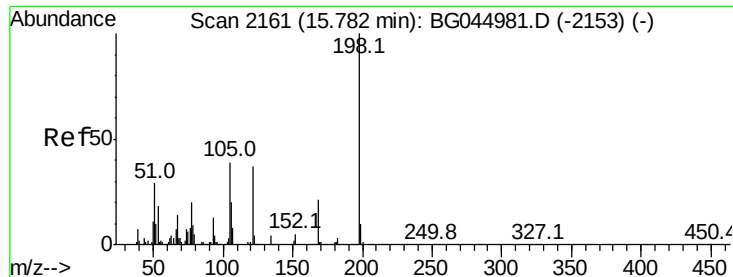


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 41.205 ng

RT: 15.75 min Scan# 2156

Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

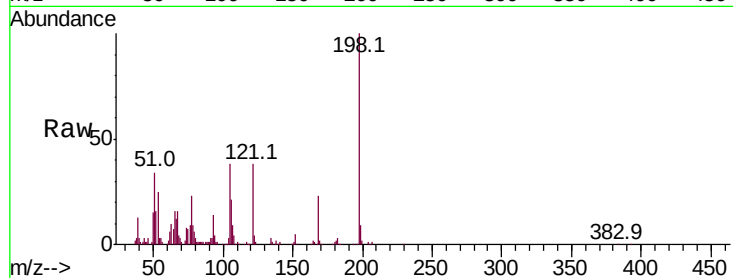
Tot Ion:198 Resp: 115931

Ion	Ratio	Lower	Upper
198	100		
51	33.8	10.0	50.0
105	37.7	18.9	58.9

198 100

51 33.8 10.0 50.0

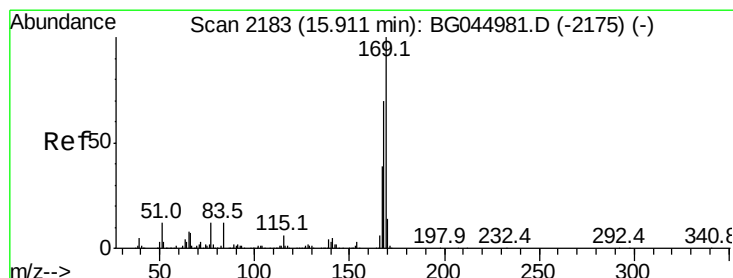
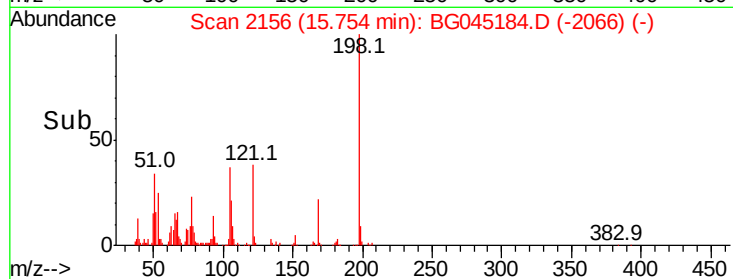
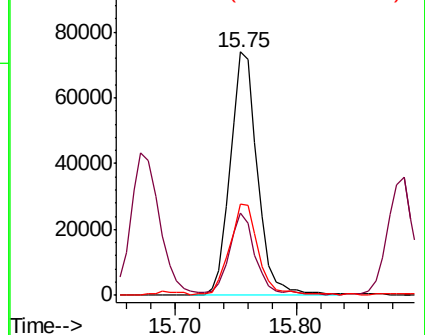
105 37.7 18.9 58.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.293 ng

RT: 15.89 min Scan# 2179

Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

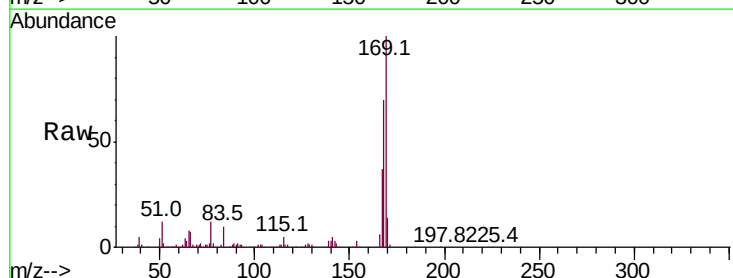
Tgt Ion:169 Resp: 470943

Ion	Ratio	Lower	Upper
169	100		
168	70.2	55.8	83.8
167	37.0	30.8	46.2

169 100

168 70.2 55.8 83.8

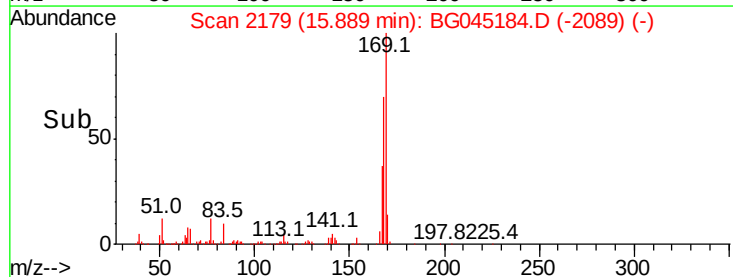
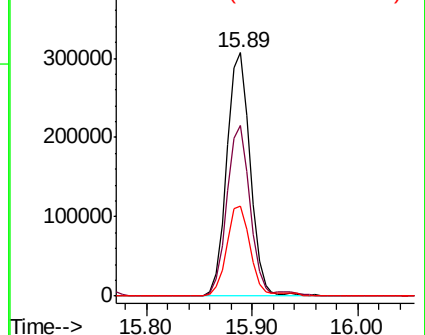
167 37.0 30.8 46.2

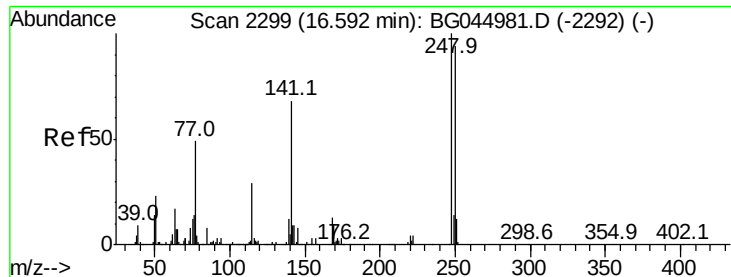


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

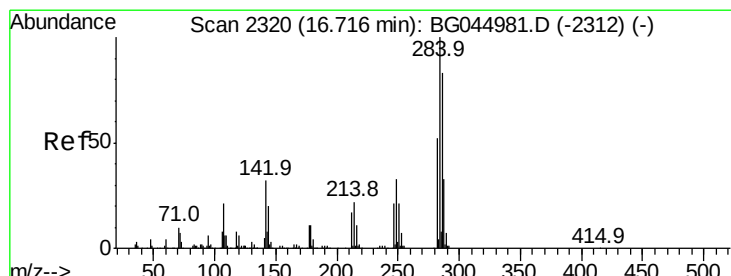
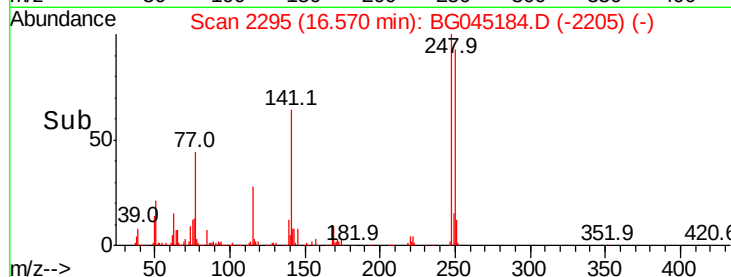
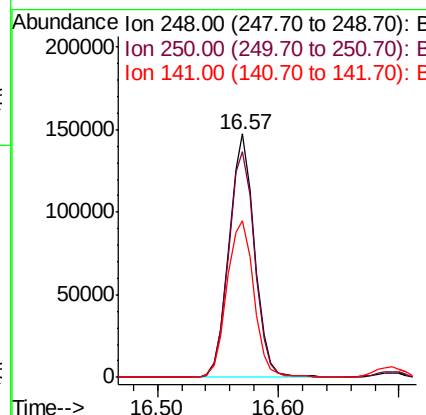
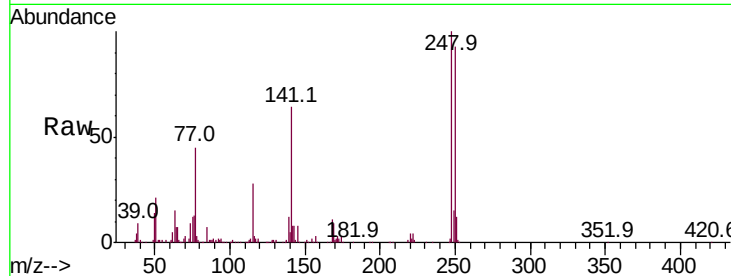




#67
4-Bromophenyl-phenylether
Concen: 38.863 ng
RT: 16.57 min Scan# 2295
Delta R.T. 0.00 min
Lab File: BG045184.D
Acq: 28 Apr 2020 13:56

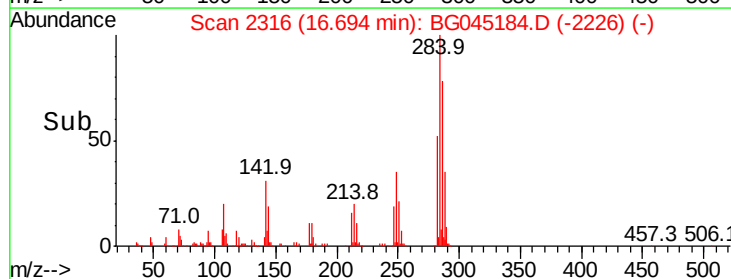
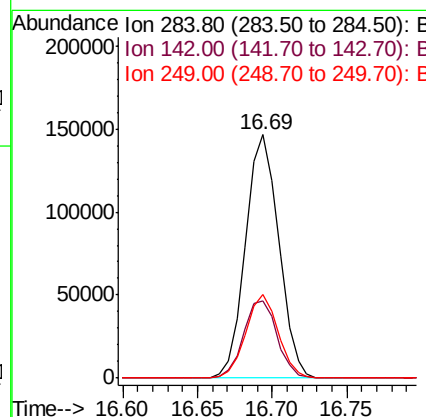
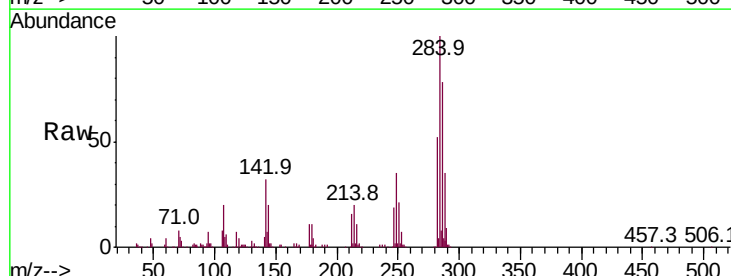
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

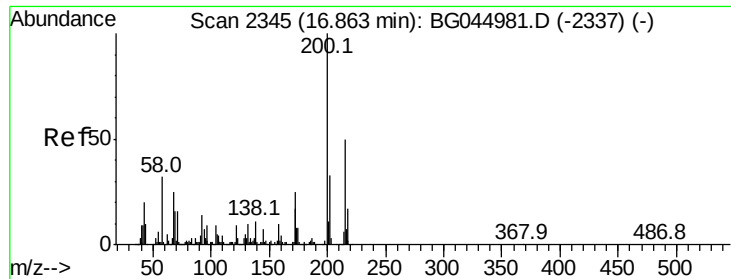
Tot Ion	Ratio	Lower	Upper
248	100		
250	92.7	75.4	113.2
141	64.3	54.4	81.6



#68
Hexachlorobenzene
Concen: 39.472 ng
RT: 16.69 min Scan# 2316
Delta R.T. 0.00 min
Lab File: BG045184.D
Acq: 28 Apr 2020 13:56

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.5	25.8	38.6
249	34.6	26.6	39.8





#69

Atrazine

Concen: 39.180 ng

RT: 16.83 min Scan# 2340

Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

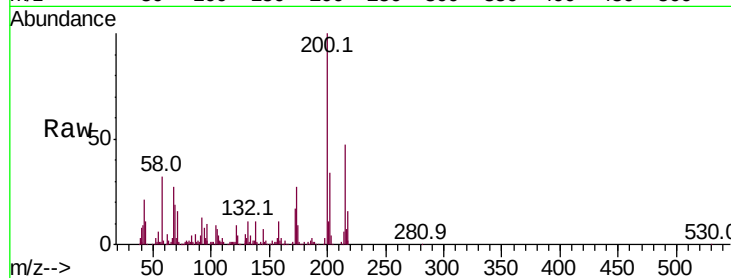
Tot Ion:200 Resp: 178522

Ion Ratio Lower Upper

200 100

173 26.8 4.5 44.5

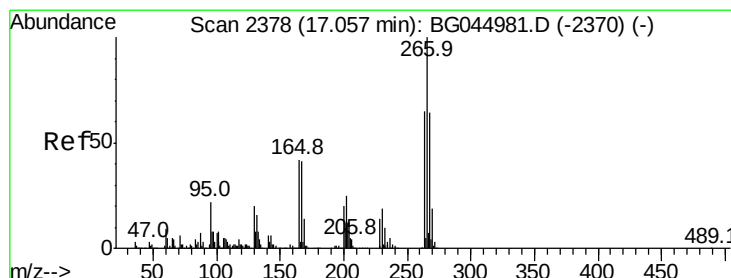
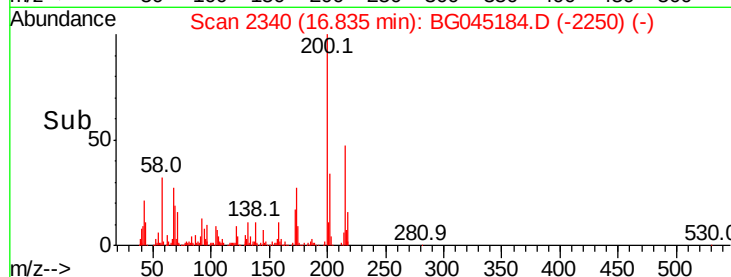
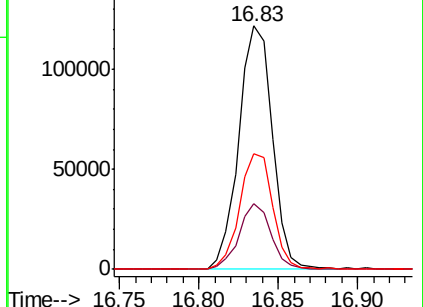
215 47.5 30.0 70.0



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 46.316 ng

RT: 17.03 min Scan# 2374

Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

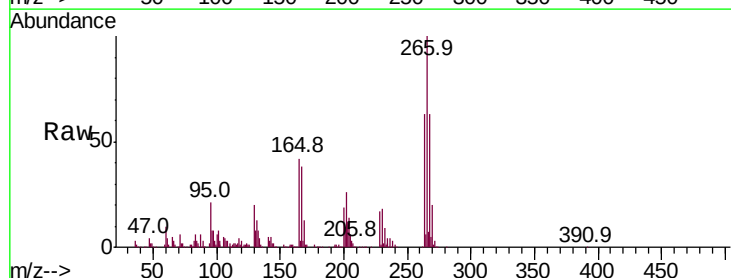
Tgt Ion:266 Resp: 162725

Ion Ratio Lower Upper

266 100

268 62.9 51.5 77.3

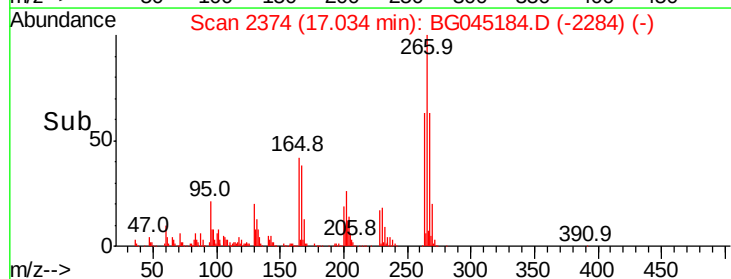
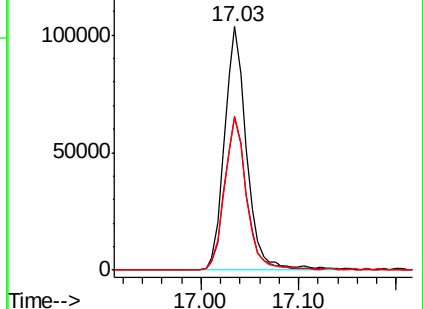
264 63.4 52.2 78.4

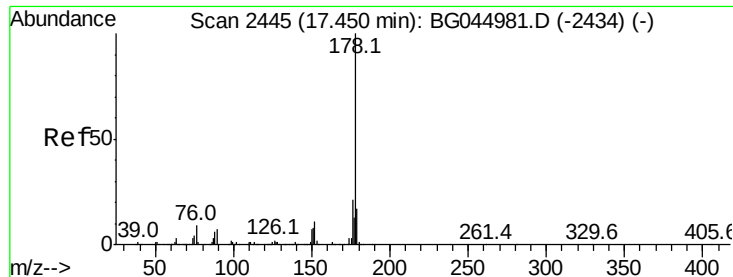


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.504 ng

RT: 17.42 min Scan# 2440

Delta R.T. 0.00 min

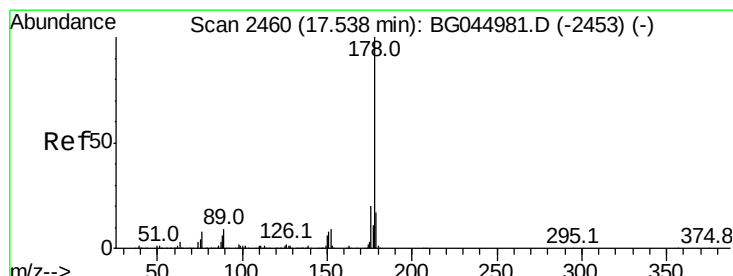
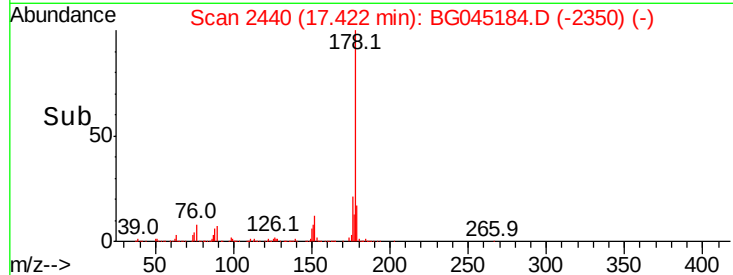
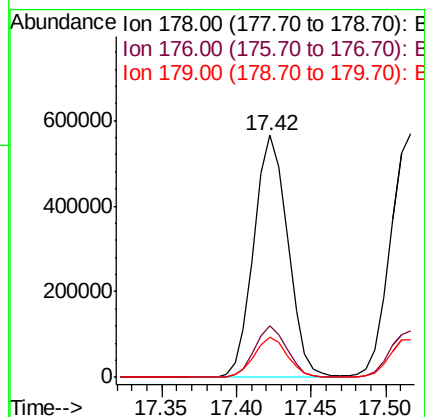
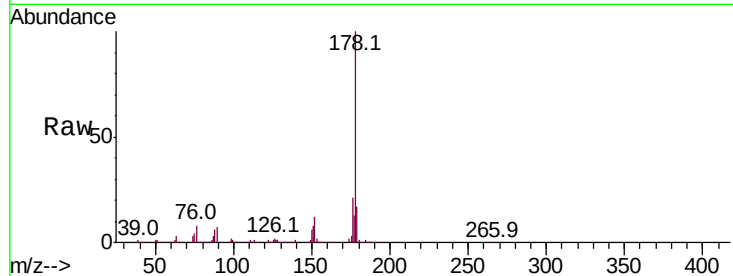
Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:178 Resp: 890927

Ion	Ratio	Lower	Upper
178	100		
176	21.2	16.8	25.2
179	16.6	13.2	19.8



#72

Anthracene

Concen: 41.015 ng

RT: 17.52 min Scan# 2456

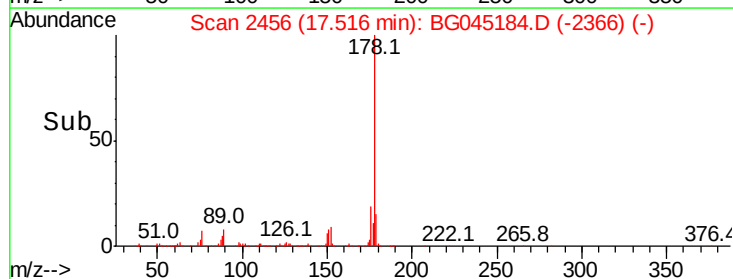
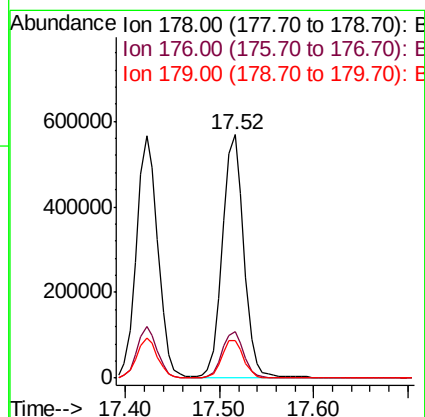
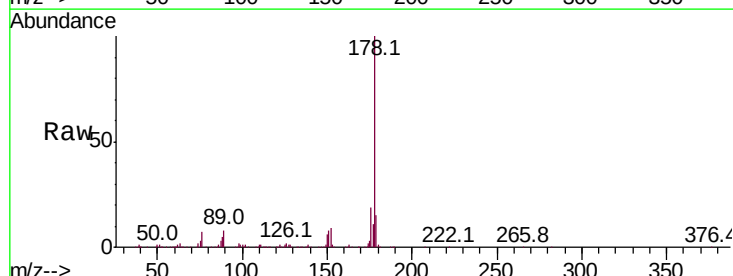
Delta R.T. 0.00 min

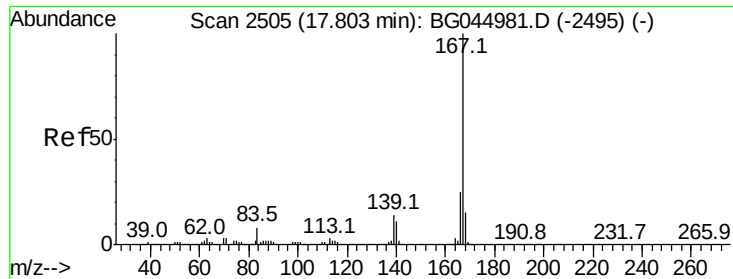
Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

Tgt Ion:178 Resp: 904961

Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.0	24.0
179	15.5	13.6	20.4





#73

Carbazole

Concen: 40.275 ng

RT: 17.78 min Scan# 2501

Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

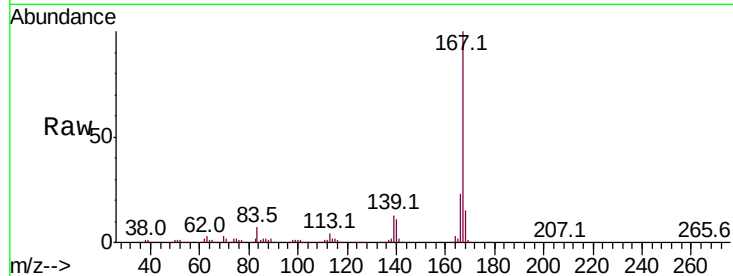
Tot Ion:167 Resp: 901803

Ion Ratio Lower Upper

167 100

166 23.2 19.8 29.6

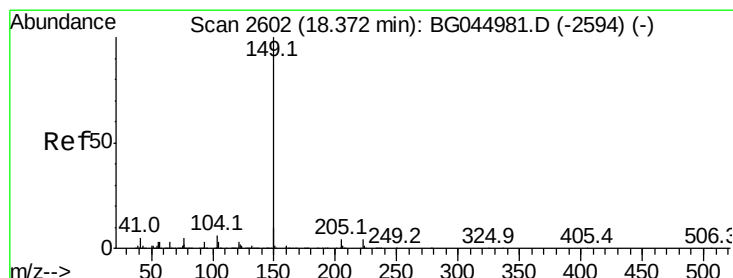
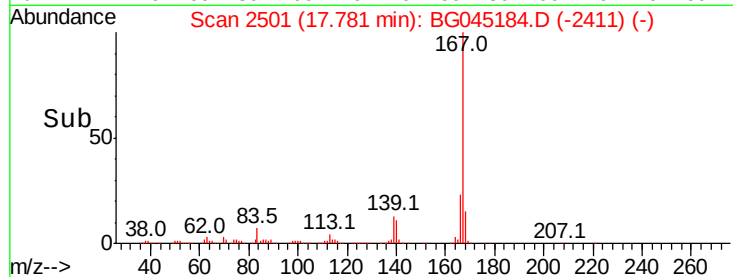
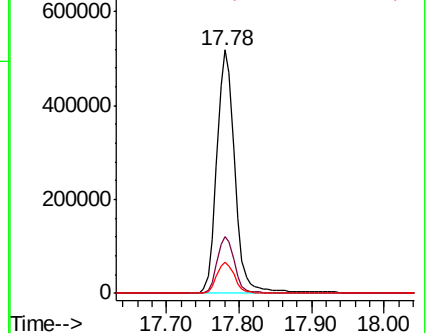
139 13.0 10.9 16.3



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: 45.294 ng

RT: 18.34 min Scan# 2597

Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

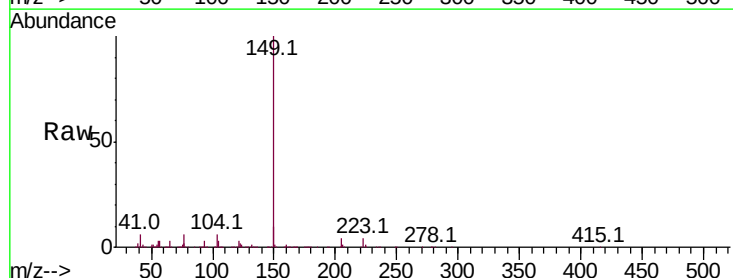
Tgt Ion:149 Resp: 1103010

Ion Ratio Lower Upper

149 100

150 10.1 8.2 12.2

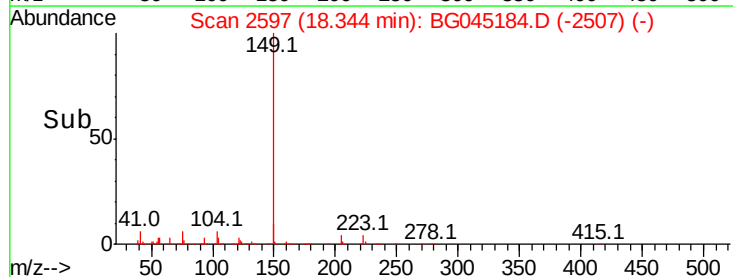
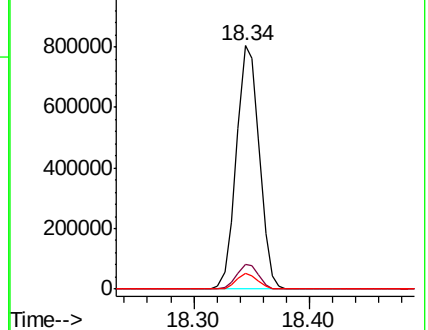
104 6.3 4.8 7.2

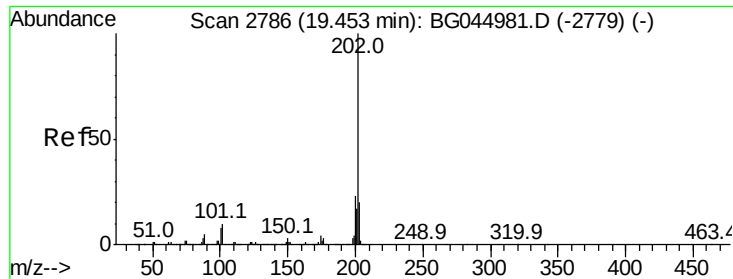


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 46.620 ng

RT: 19.43 min Scan# 2782

Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

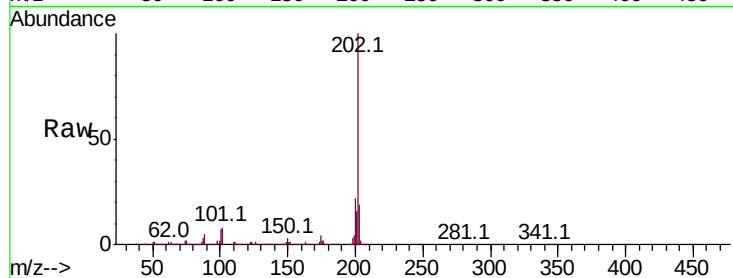
Tot Ion:202 Resp: 1199553

Ion Ratio Lower Upper

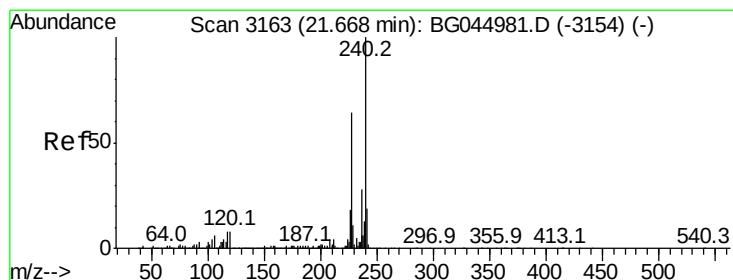
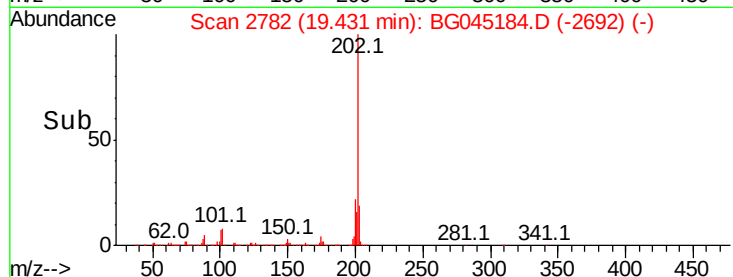
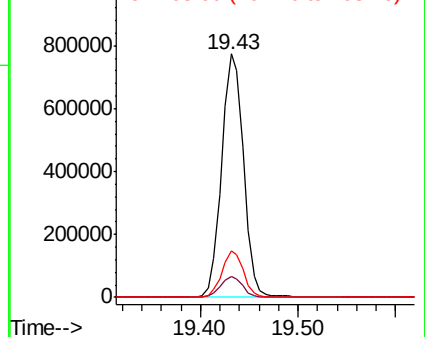
202 100

101 8.4 0.0 29.6

203 19.3 0.0 39.7



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: 21.65 min Scan# 3159

Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

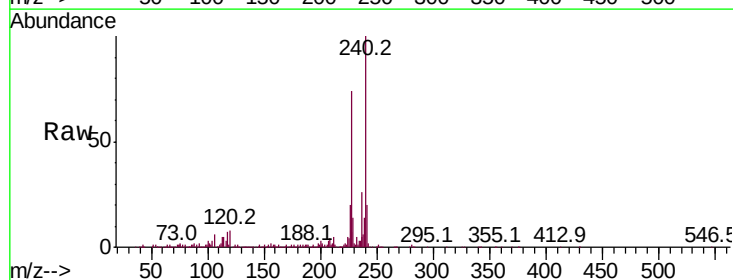
Tgt Ion:240 Resp: 451337

Ion Ratio Lower Upper

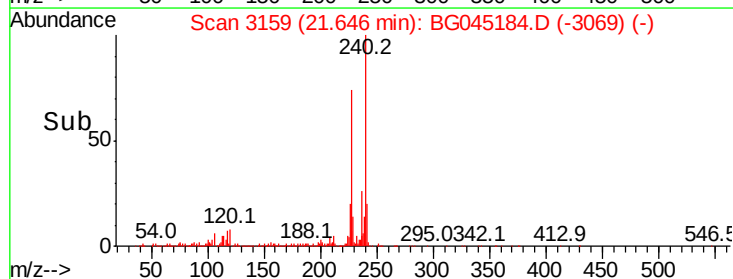
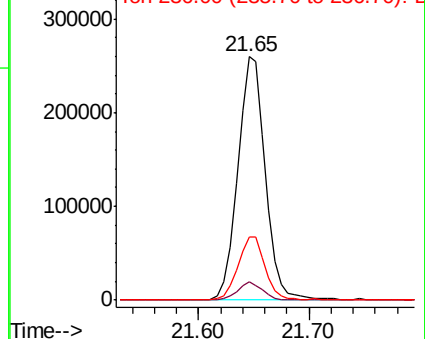
240 100

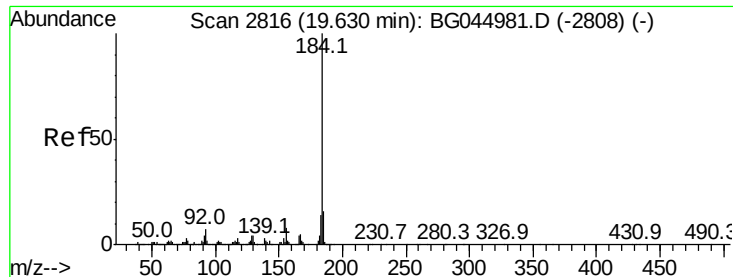
120 7.6 6.6 10.0

236 26.1 22.2 33.2



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 43.998 ng

RT: 19.61 min Scan# 2812

Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

Instrument :

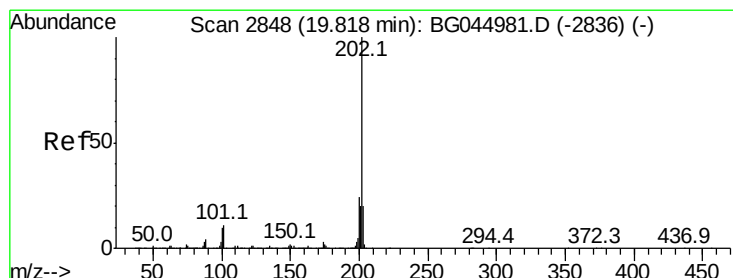
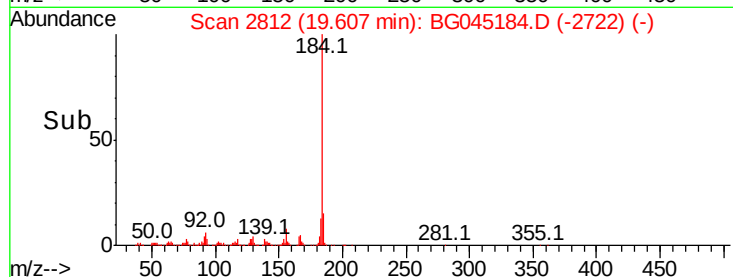
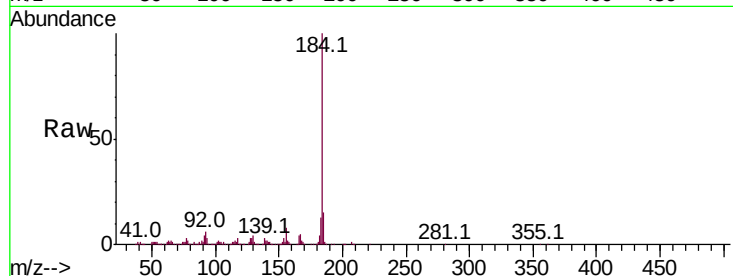
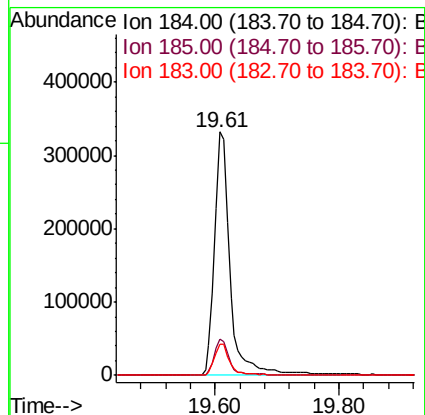
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 576894

Ion	Ratio	Lower	Upper
184	100		
185	15.1	12.6	19.0
183	12.9	11.3	16.9



#78

Pyrene

Concen: 39.066 ng

RT: 19.80 min Scan# 2844

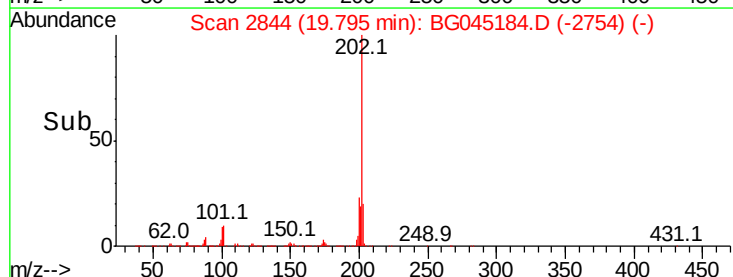
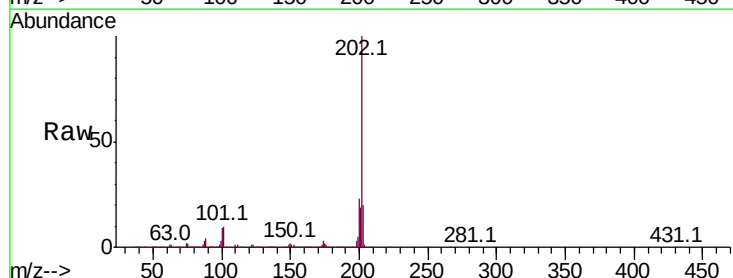
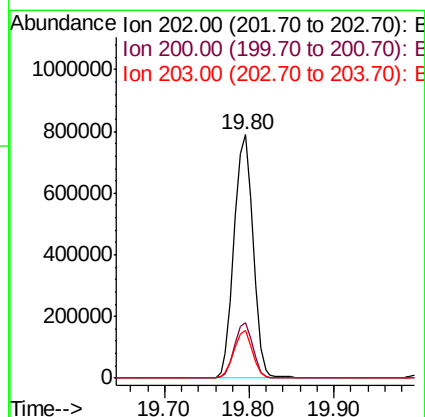
Delta R.T. 0.00 min

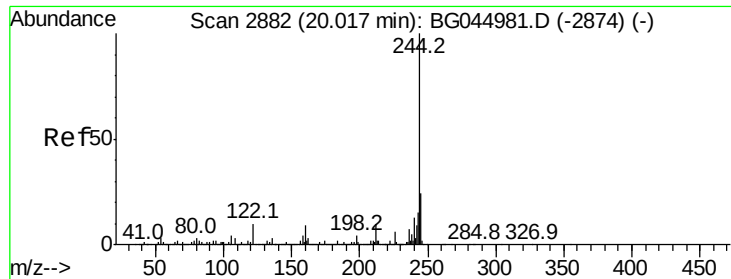
Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

Tgt Ion:202 Resp: 1215567

Ion	Ratio	Lower	Upper
202	100		
200	23.0	19.0	28.6
203	19.5	16.1	24.1





#79

Terphenyl-d14

Concen: 86.468 ng

RT: 20.00 min Scan# 2878

Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

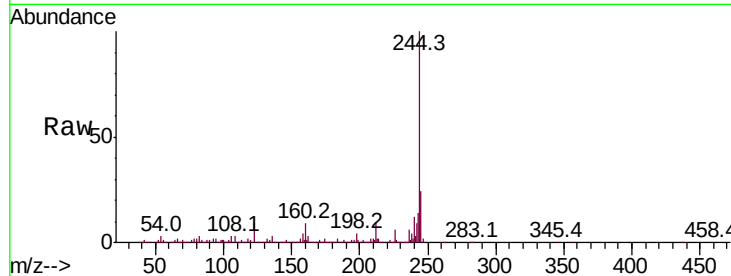
Tot Ion:244 Resp: 1790541

Ion Ratio Lower Upper

244 100

212 9.8 7.9 11.9

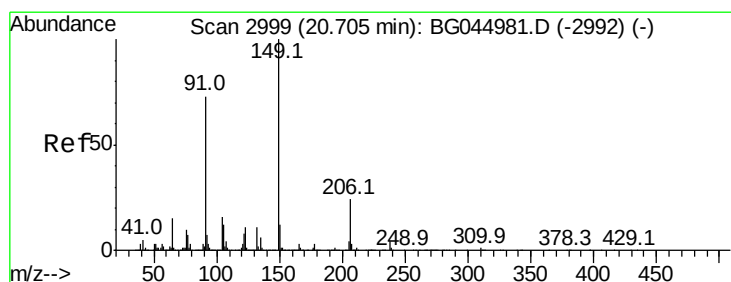
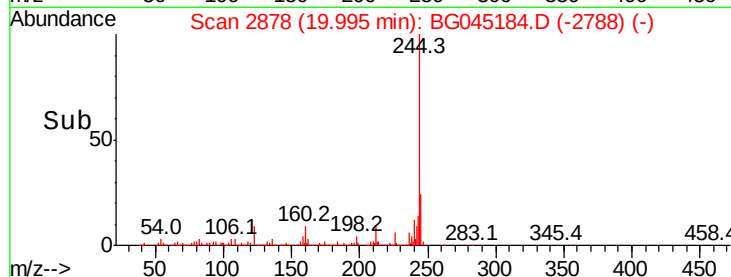
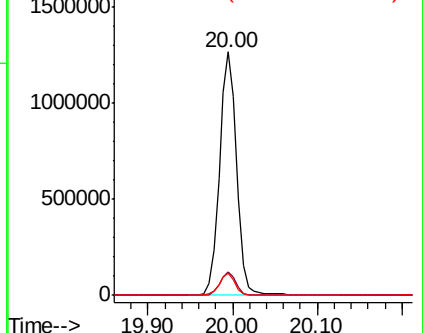
122 9.0 7.7 11.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.160 ng

RT: 20.68 min Scan# 2995

Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

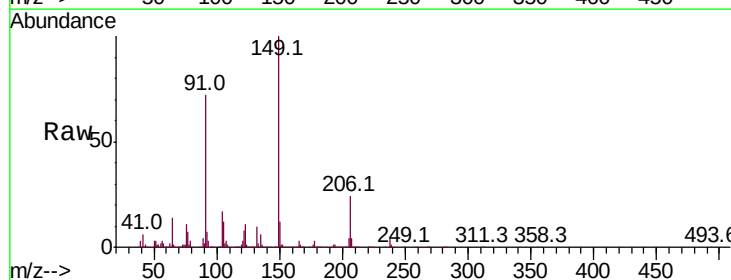
Tgt Ion:149 Resp: 530873

Ion Ratio Lower Upper

149 100

91 72.4 58.5 87.7

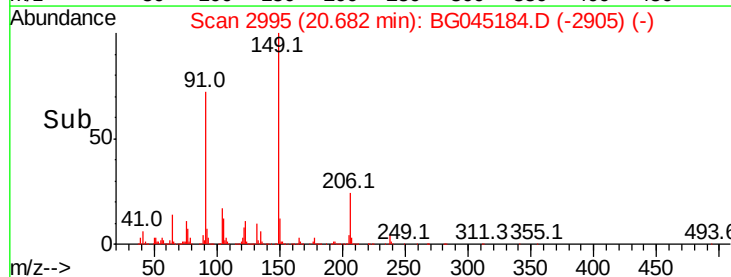
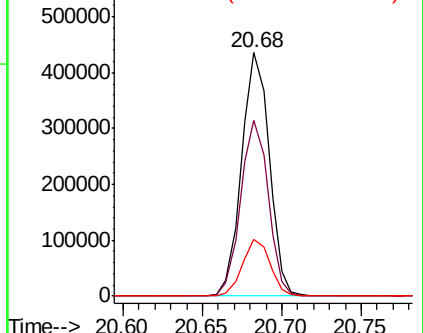
206 23.5 19.2 28.8

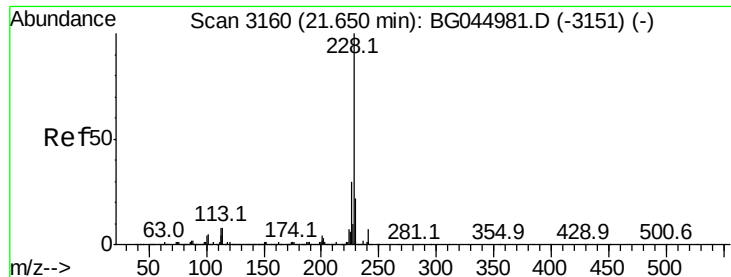


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.447 ng

RT: 21.63 min Scan# 3156

Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

Instrument :

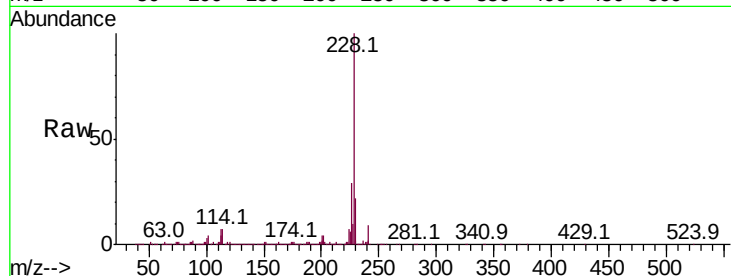
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1183208

Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.0	36.0
229	21.7	17.5	26.3

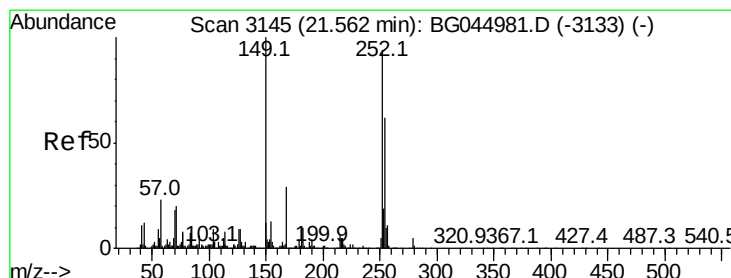
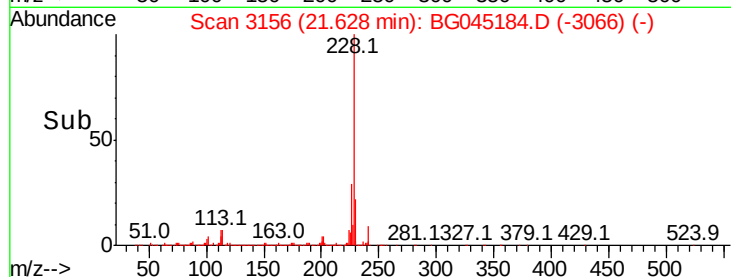
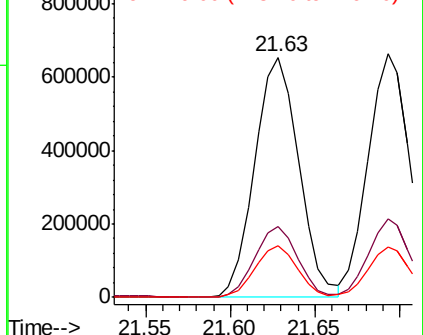


Abundance

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



#82

3,3'-Dichlorobenzidine

Concen: 42.144 ng

RT: 21.54 min Scan# 3141

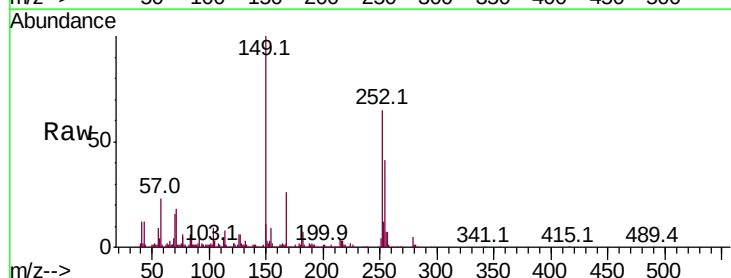
Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

Tgt Ion:252 Resp: 490693

Ion	Ratio	Lower	Upper
252	100		
254	63.2	52.6	79.0
126	8.7	7.5	11.3

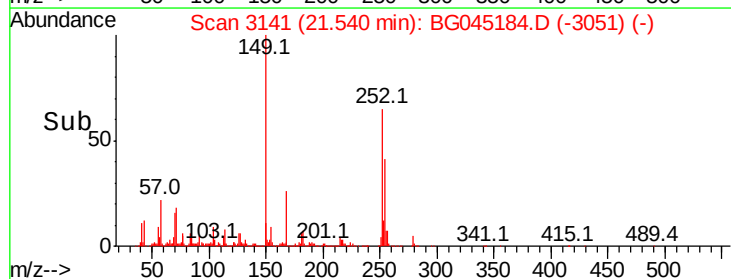
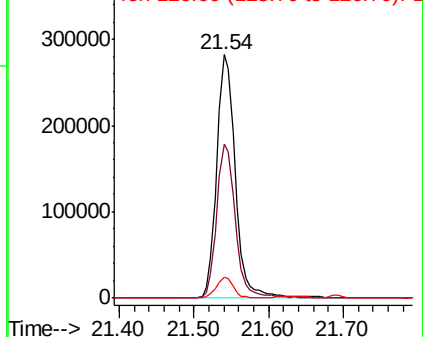


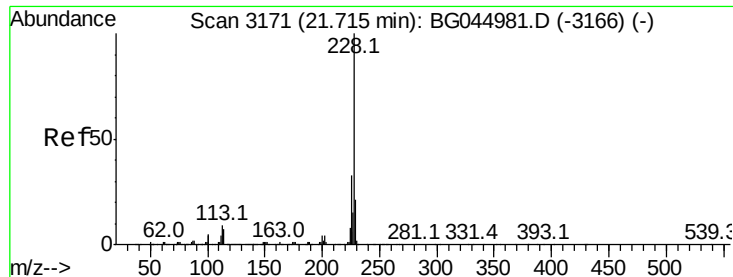
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.062 ng

RT: 21.69 min Scan# 3167

Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

Instrument :

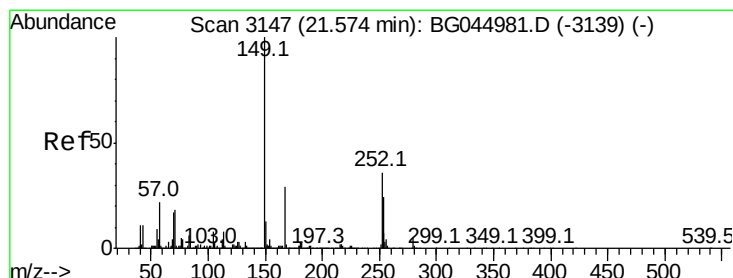
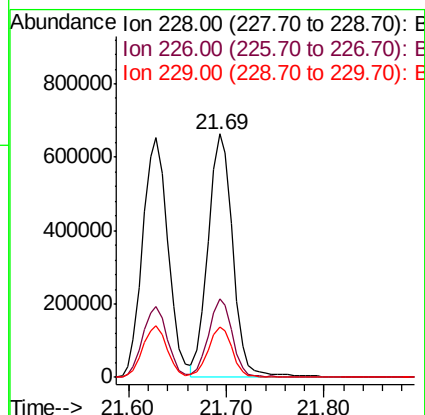
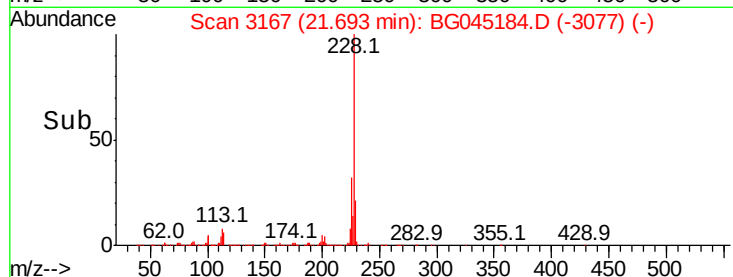
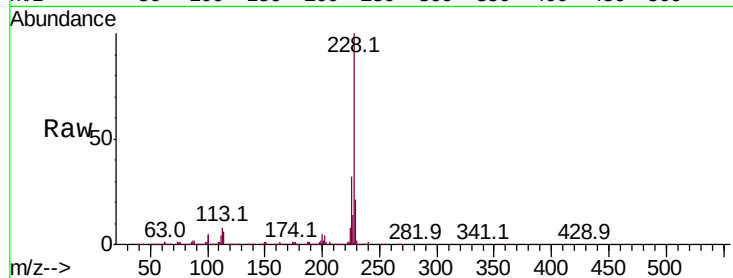
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1154129

Ion	Ratio	Lower	Upper
228	100		
226	32.4	26.2	39.4
229	20.8	17.0	25.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.952 ng

RT: 21.55 min Scan# 3142

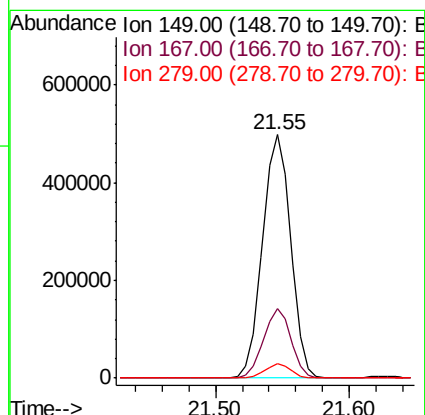
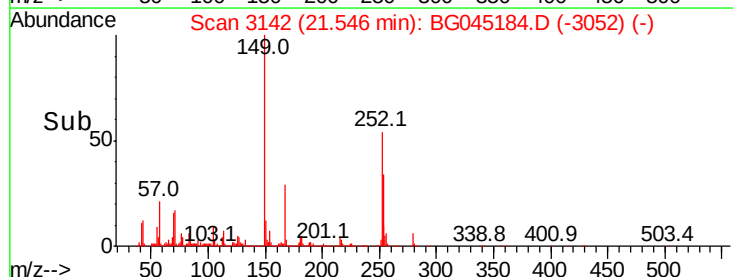
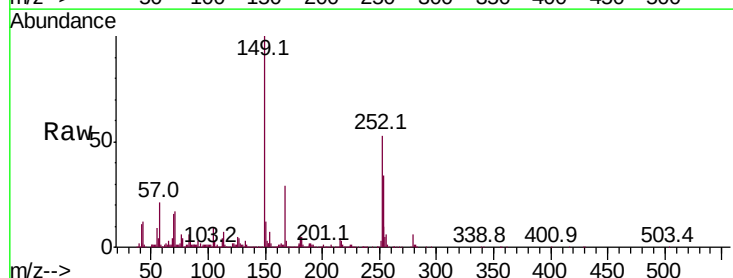
Delta R.T. 0.00 min

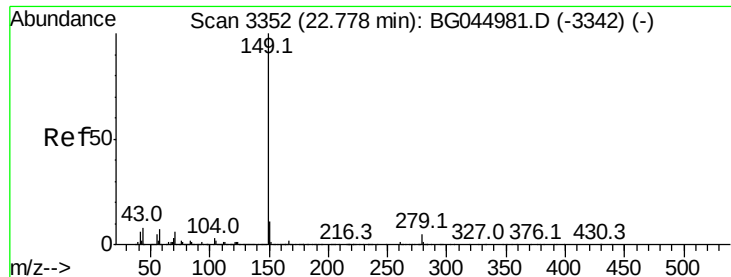
Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

Tgt Ion:149 Resp: 726431

Ion	Ratio	Lower	Upper
149	100		
167	28.7	23.4	35.0
279	5.7	4.3	6.5





#85

Di-n-octyl phthalate

Concen: 41.163 ng

RT: 22.74 min Scan# 3346

Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

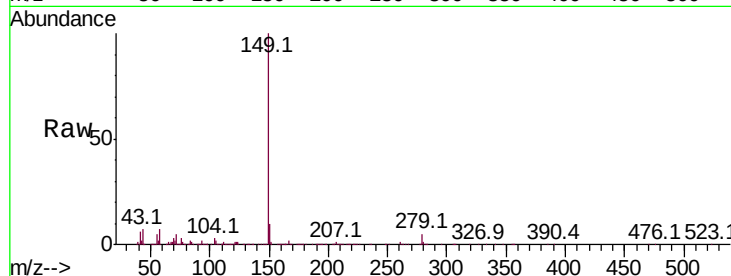
Tot Ion:149 Resp: 1262672

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

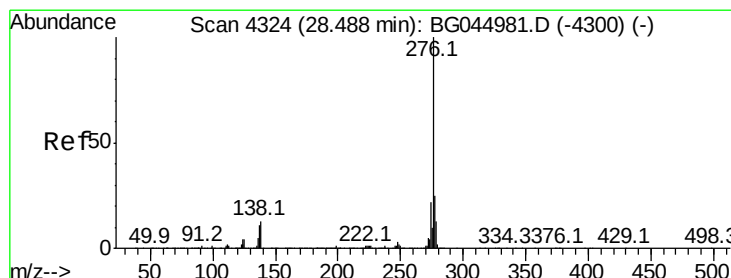
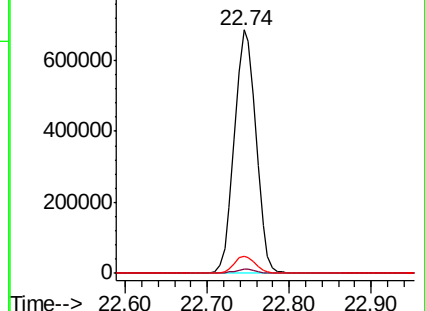
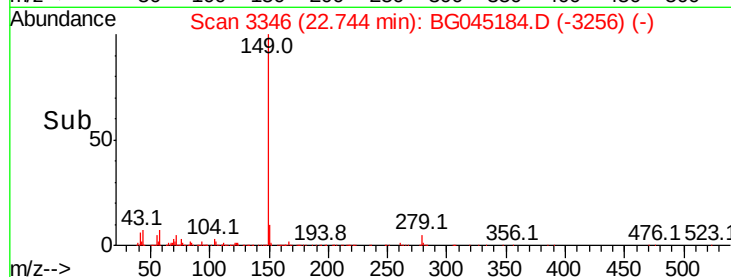
43 7.1 5.7 8.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.644 ng

RT: 28.42 min Scan# 4313

Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

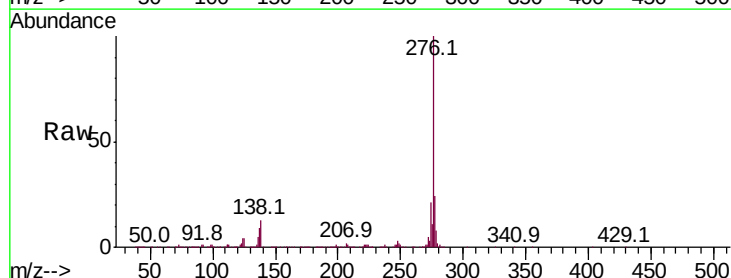
Tgt Ion:276 Resp: 1516717

Ion Ratio Lower Upper

276 100

138 5.8 9.6 14.4#

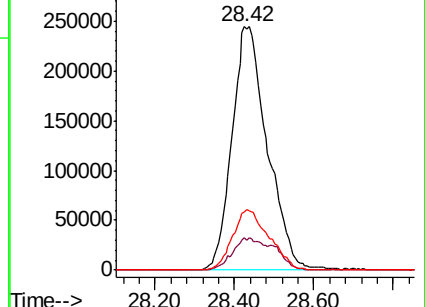
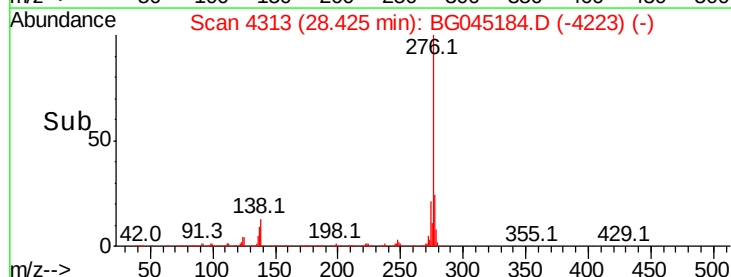
277 25.6 20.6 31.0

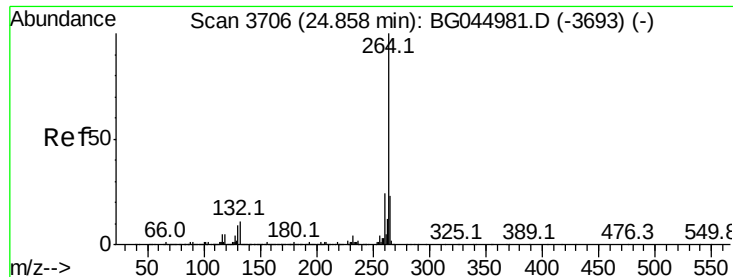


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.82 min Scan# 3700

Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

Instrument :

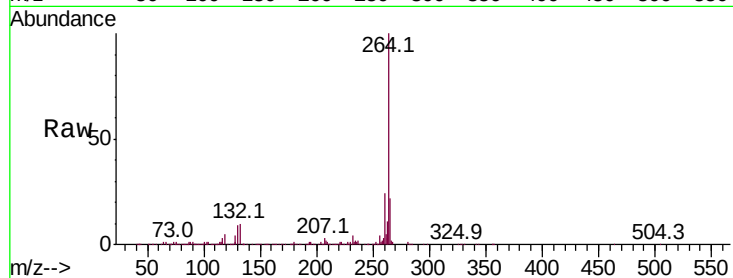
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:264 Resp: 511356

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.8	19.0	28.4

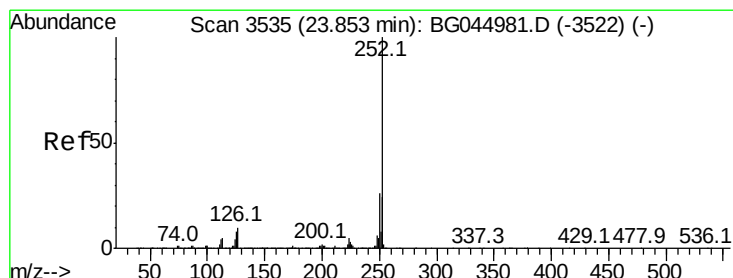
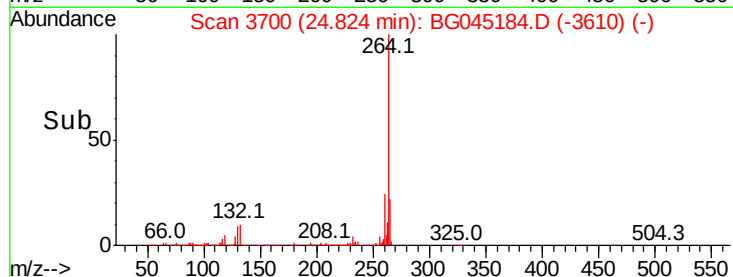
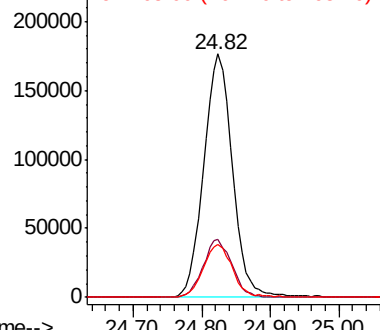


Abundance

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



#88

Benzo(b)fluoranthene

Concen: 40.472 ng

RT: 23.82 min Scan# 3529

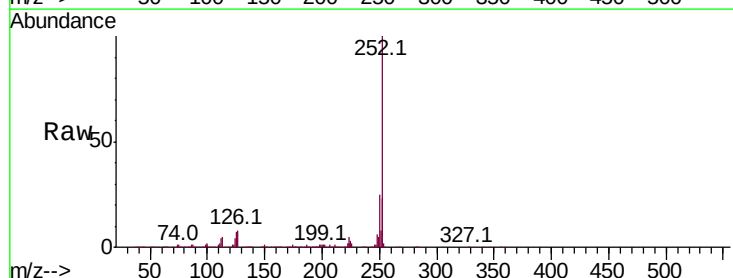
Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

Tgt Ion:252 Resp: 1296361

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.8	28.2
125	7.0	6.2	9.4

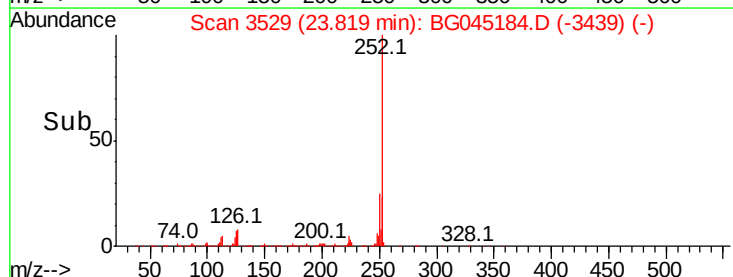
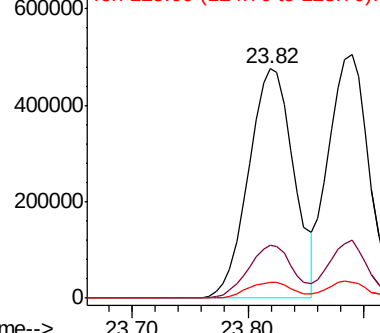


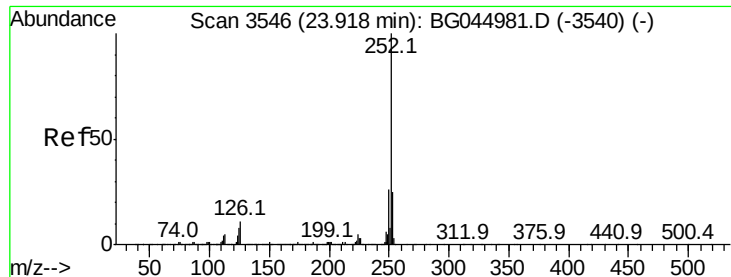
Abundance

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





#89

Benzo(k)fluoranthene

Concen: 40.523 ng

RT: 23.89 min Scan# 3541

Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

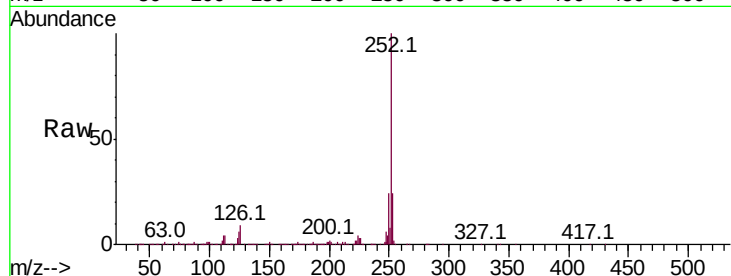
Tot Ion:252 Resp: 1234382

Ion Ratio Lower Upper

252 100

253 24.0 19.2 28.8

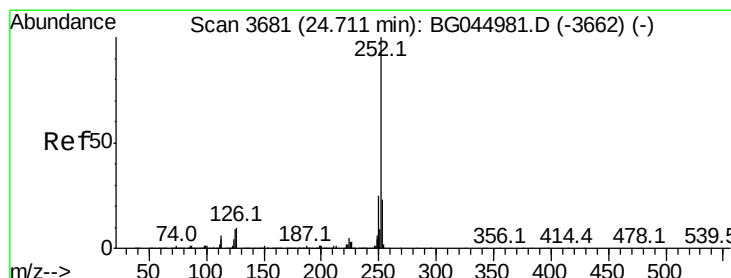
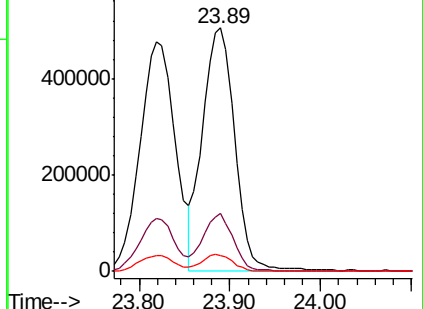
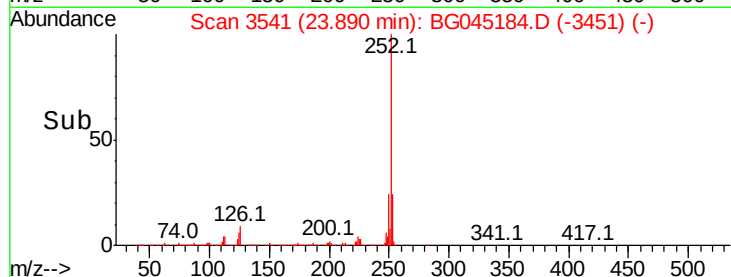
125 6.5 5.9 8.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 40.502 ng

RT: 24.68 min Scan# 3675

Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

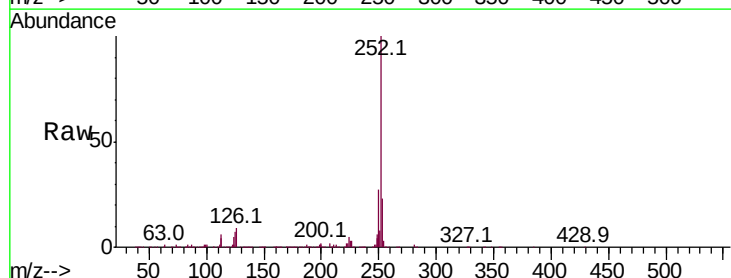
Tgt Ion:252 Resp: 1224885

Ion Ratio Lower Upper

252 100

253 23.3 18.3 27.5

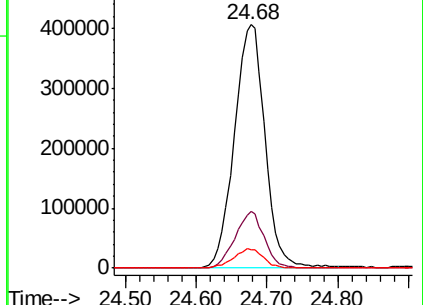
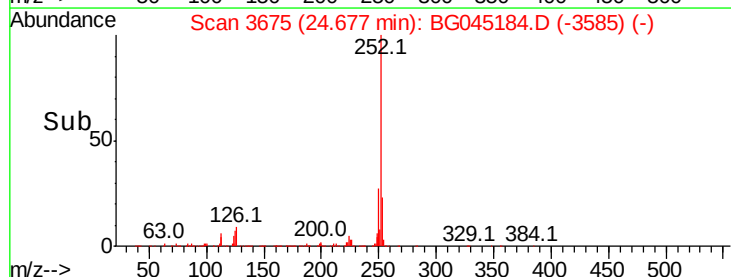
125 7.4 7.0 10.6

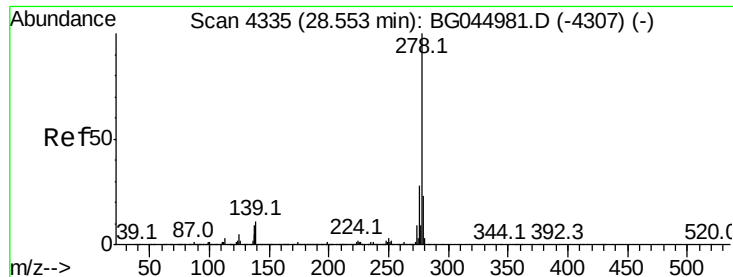


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 40.557 ng

RT: 28.50 min Scan# 4325

Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

Instrument :

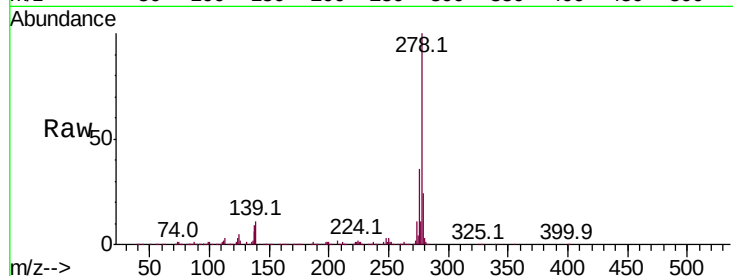
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:278 Resp: 1235903

Ion	Ratio	Lower	Upper
278	100		
139	11.3	9.0	13.6
279	24.4	18.4	27.6

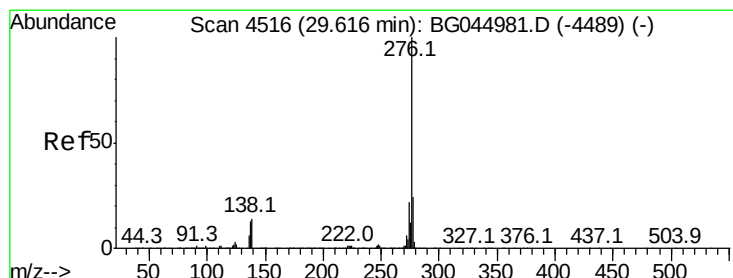
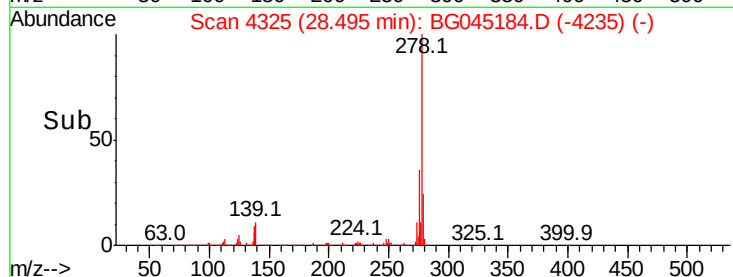
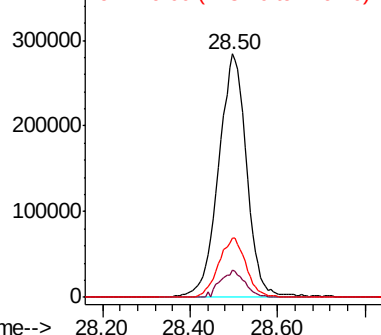


Abundance

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: 39.716 ng

RT: 29.55 min Scan# 4505

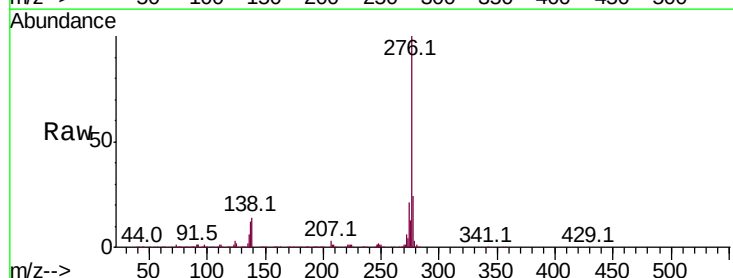
Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

Tgt Ion:276 Resp: 1213384

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.3	28.9
138	14.1	11.4	17.2



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

