

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070720\
 Data File : BG045953.D
 Acq On : 7 Jul 2020 9:04
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 07 11:12:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 07 09:58:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	133688	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	522298	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	312627	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	632628	20.00	ng	0.00
76) Chrysene-d12	21.63	240	541943	20.00	ng	0.00
86) Perylene-d12	24.79	264	579923	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	654220	79.36	ng	0.00
7) Phenol-d6	7.16	99	957474	80.67	ng	0.00
23) Nitrobenzene-d5	9.16	82	781381	86.11	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	245001	84.44	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1617523	80.70	ng	0.00
79) Terphenyl-d14	19.99	244	1997023	82.01	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	153836	40.447	ng	98
3) Pyridine	3.90	79	472866	41.118	ng	99
4) n-Nitrosodimethylamine	3.82	42	162261	41.726	ng	# 100
6) Aniline	7.33	93	611374	40.266	ng	100
8) 2-Chlorophenol	7.57	128	351969	39.661	ng	97
9) Benzaldehyde	7.14	77	287361	38.214	ng	97
10) Phenol	7.19	94	479878	40.306	ng	96
11) bis(2-Chloroethyl)ether	7.43	93	401953	40.828	ng	99
12) 1,3-Dichlorobenzene	7.90	146	408230	39.909	ng	99
13) 1,4-Dichlorobenzene	8.05	146	407375	40.485	ng	97
14) 1,2-Dichlorobenzene	8.36	146	385966	39.854	ng	98
15) Benzyl Alcohol	8.24	79	373843	40.171	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.54	45	528739	41.162	ng	97
17) 2-Methylphenol	8.44	107	353326	39.551	ng	97
18) Hexachloroethane	9.10	117	154444	39.890	ng	98
19) n-Nitroso-di-n-propylamine	8.82	70	341157	40.916	ng	99
20) 3+4-Methylphenols	8.77	107	486076	39.923	ng	100
22) Acetophenone	8.82	105	553378	39.660	ng	99
24) Nitrobenzene	9.20	77	437400	43.672	ng	99
25) Isophorone	9.73	82	904455	40.829	ng	99
26) 2-Nitrophenol	9.91	139	144082	44.136	ng	95
27) 2,4-Dimethylphenol	9.98	122	319013	40.458	ng	97
28) bis(2-Chloroethoxy)methane	10.21	93	509419	40.952	ng	97
29) 2,4-Dichlorophenol	10.45	162	326343	39.981	ng	98
30) 1,2,4-Trichlorobenzene	10.67	180	364371	40.288	ng	100
31) Naphthalene	10.86	128	1119838	39.995	ng	99
32) Benzoic acid	10.10	122	191323	40.851	ng	95
33) 4-Chloroaniline	10.95	127	495351	39.590	ng	99
34) Hexachlorobutadiene	11.16	225	217612	41.209	ng	98
35) Caprolactam	11.72	113	120721	38.954	ng	98
36) 4-Chloro-3-methylphenol	12.08	107	379099	40.777	ng	100
37) 2-Methylnaphthalene	12.46	142	803384	40.364	ng	99
38) 1-Methylnaphthalene	12.68	142	749950	39.925	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	355977	40.394	ng	99

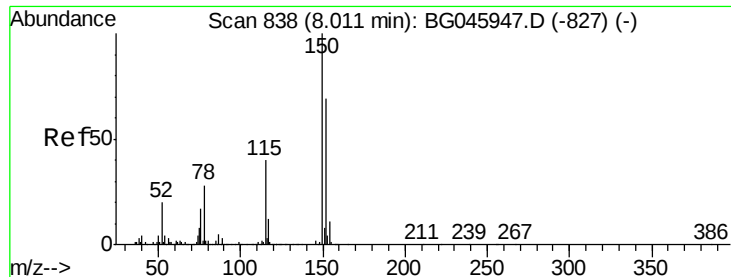
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070720\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	209630	40.089	ng	98
43) 2,4,6-Trichlorophenol	13.06	196	245528	41.196	ng	99
44) 2,4,5-Trichlorophenol	13.13	196	277647	41.201	ng	99
46) 1,1'-Biphenyl	13.47	154	953928	40.562	ng	98
47) 2-Chloronaphthalene	13.51	162	736919	39.714	ng	99
48) 2-Nitroaniline	13.70	65	222965	43.223	ng	98
49) Acenaphthylene	14.35	152	1188914	39.712	ng	99
50) Dimethylphthalate	14.08	163	932822	39.759	ng	99
51) 2,6-Dinitrotoluene	14.20	165	173629	41.833	ng	98
52) Acenaphthene	14.70	154	760720	40.284	ng	99
53) 3-Nitroaniline	14.52	138	211360	41.480	ng	# 93
54) 2,4-Dinitrophenol	14.72	184	58655	40.620	ng	97
55) Dibenzofuran	15.03	168	1089337	39.353	ng	99
56) 4-Nitrophenol	14.82	139	168139	43.988	ng	96
57) 2,4-Dinitrotoluene	14.98	165	226659	42.577	ng	97
58) Fluorene	15.68	166	888086	39.109	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.17	232	217170	41.740	ng	99
60) Diethylphthalate	15.45	149	964126	39.184	ng	98
61) 4-Chlorophenyl-phenylether	15.68	204	450619	39.888	ng	99
62) 4-Nitroaniline	15.68	138	214852	44.307	ng	99
63) Azobenzene	15.96	77	1050617	39.783	ng	99
65) 4,6-Dinitro-2-methylphenol	15.75	198	90397	42.419	ng	96
66) n-Nitrosodiphenylamine	15.88	169	790689	40.333	ng	100
67) 4-Bromophenyl-phenylether	16.57	248	282118	39.929	ng	97
68) Hexachlorobenzene	16.69	284	281699	39.731	ng	99
69) Atrazine	16.83	200	231003	39.855	ng	98
70) Pentachlorophenol	17.02	266	169810	43.077	ng	99
71) Phenanthrene	17.42	178	1346969	40.274	ng	99
72) Anthracene	17.50	178	1339547	39.466	ng	99
73) Carbazole	17.77	167	1342166	39.451	ng	99
74) Di-n-butylphthalate	18.35	149	1599970	38.918	ng	98
75) Fluoranthene	19.42	202	1521231	39.346	ng	99
77) Benzidine	19.59	184	695165	44.862	ng	100
78) Pyrene	19.78	202	1535793	41.516	ng	99
80) Butylbenzylphthalate	20.68	149	736937	42.155	ng	96
81) Benzo(a)anthracene	21.62	228	1433046	40.215	ng	100
82) 3,3'-Dichlorobenzidine	21.53	252	542429	41.194	ng	97
83) Chrysene	21.68	228	1364886	40.205	ng	99
84) Bis(2-ethylhexyl)phthalate	21.56	149	1032745	40.698	ng	98
85) Di-n-octyl phthalate	22.76	149	1807334	41.042	ng	100
87) Indeno(1,2,3-cd)pyrene	28.38	276	1747256	41.184	ng	99
88) Benzo(b)fluoranthene	23.79	252	1529591	41.549	ng	100
89) Benzo(k)fluoranthene	23.87	252	1410248	40.513	ng	100
90) Benzo(a)pyrene	24.64	252	1425637	41.183	ng	100
91) Dibenzo(a,h)anthracene	28.44	278	1376146	40.216	ng	99
92) Benzo(g,h,i)perylene	29.49	276	1393566	40.469	ng	99

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

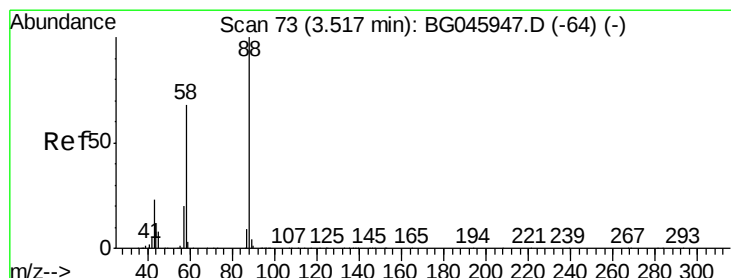
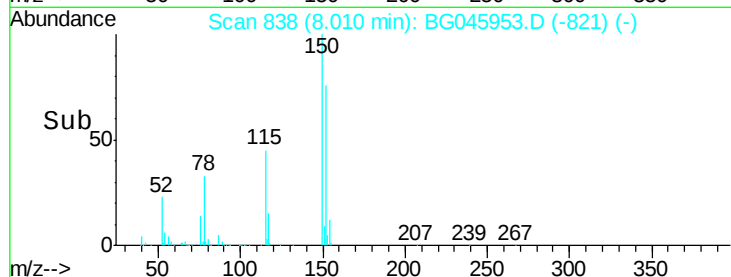
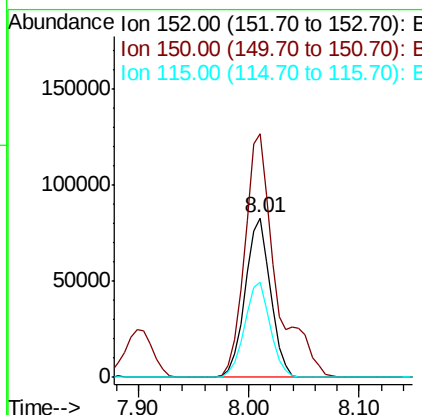
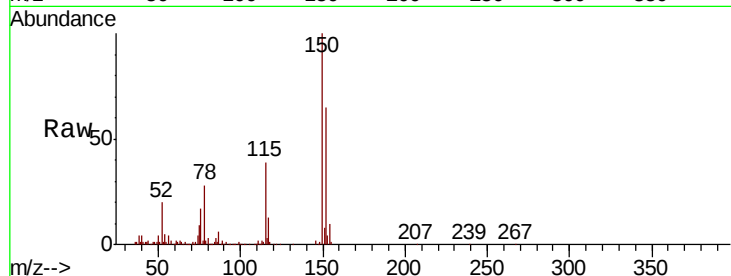


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.00 min
Lab File: BG045953.D
Acq: 7 Jul 2020 9:04

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

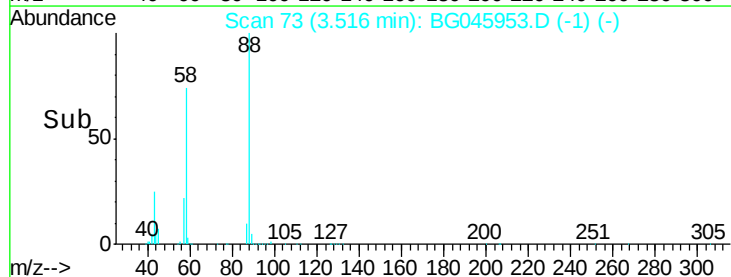
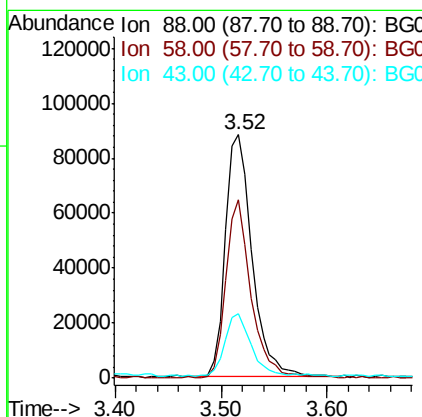
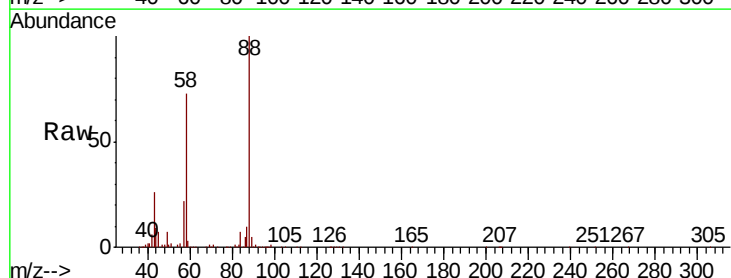
Tot Ion:152 Resp: 133688
Ion Ratio Lower Upper
152 100
150 152.7 116.7 175.1
115 59.8 47.4 71.0

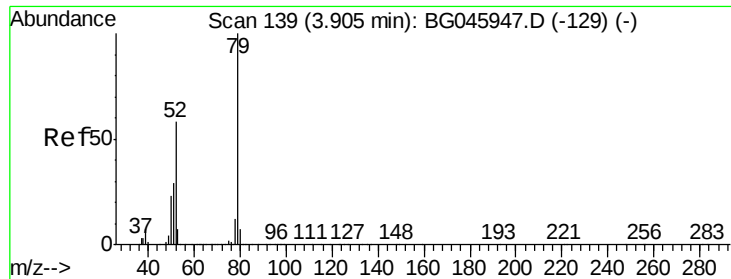


#2

1,4-Dioxane
Concen: 40.447 ng
RT: 3.52 min Scan# 73
Delta R.T. -0.00 min
Lab File: BG045953.D
Acq: 7 Jul 2020 9:04

Tgt Ion: 88 Resp: 153836
Ion Ratio Lower Upper
88 100
58 69.2 55.2 82.8
43 27.1 19.4 29.0





#3

Pvridine

Concen: 41.118 ng

RT: 3.90 min Scan# 139

Delta R.T. 0.00 min

Lab File: BG045953.D

Acq: 7 Jul 2020 9:04

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

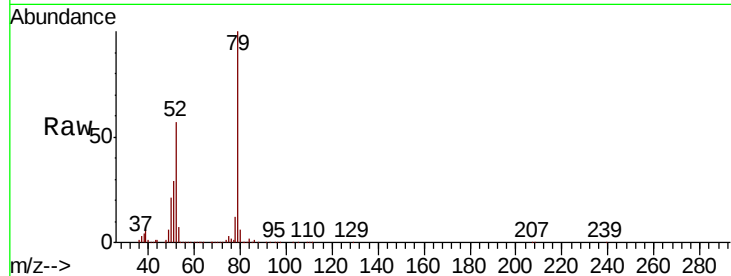
Tot Ion: 79 Resp: 472866

Ion Ratio Lower Upper

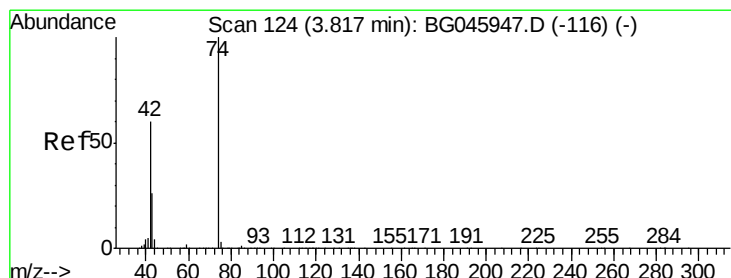
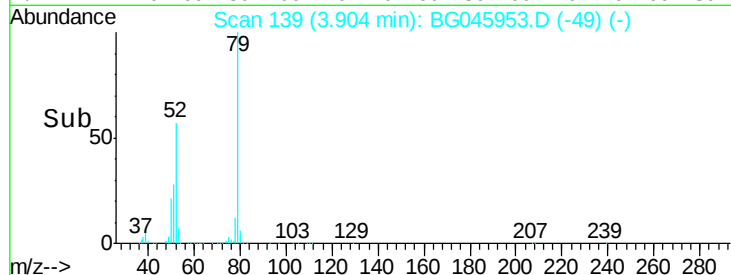
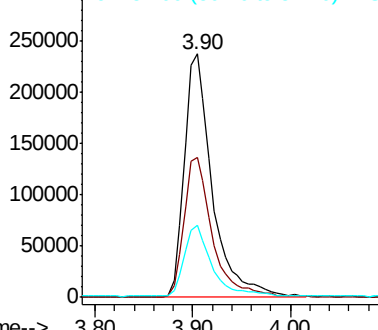
79 100

52 57.3 46.5 69.7

51 29.4 23.5 35.3



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 41.726 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.00 min

Lab File: BG045953.D

Acq: 7 Jul 2020 9:04

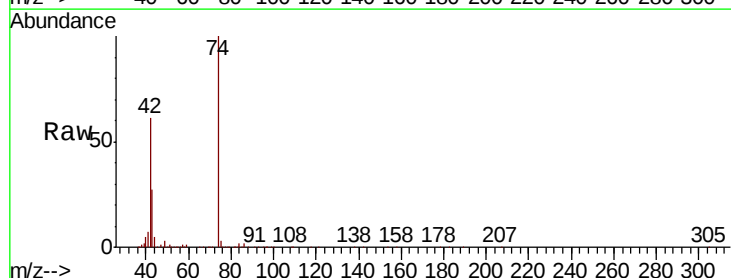
Tgt Ion: 42 Resp: 162261

Ion Ratio Lower Upper

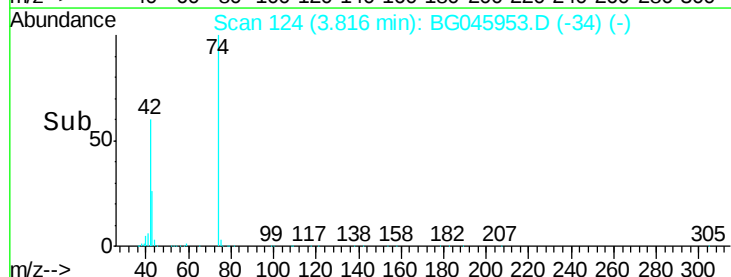
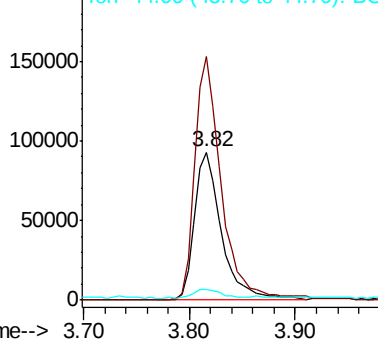
42 100

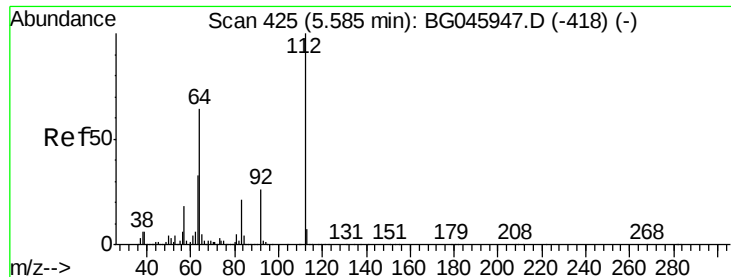
74 164.7 131.9 197.9

44 7.4 7.7 11.5#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 79.358 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.01 min

Lab File: BG045953.D

Acq: 7 Jul 2020 9:04

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

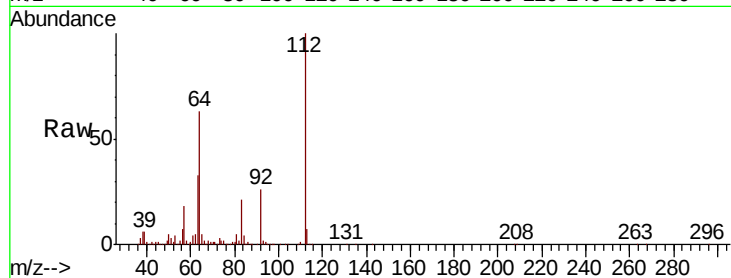
Tot Ion:112 Resp: 654220

Ion Ratio Lower Upper

112 100

64 63.0 51.4 77.2

63 33.5 26.6 40.0



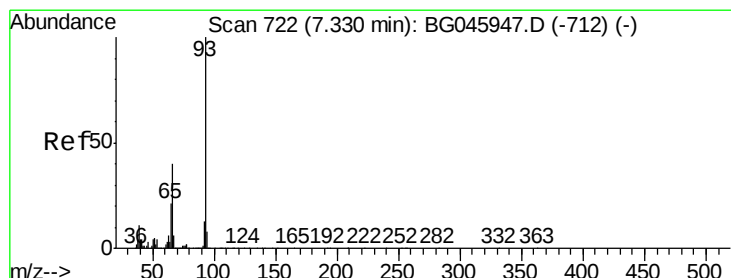
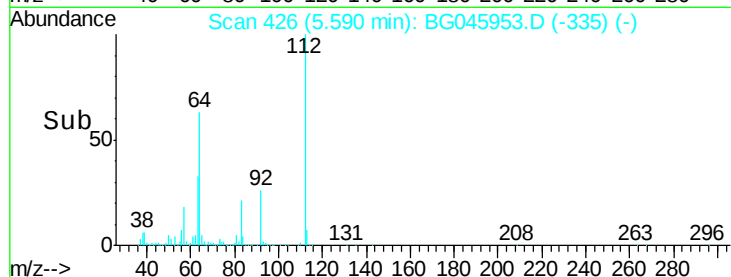
Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

5.59

Time-->



#6

Aniline

Concen: 40.266 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.00 min

Lab File: BG045953.D

Acq: 7 Jul 2020 9:04

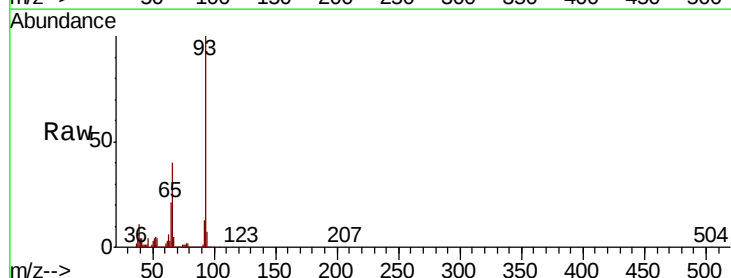
Tgt Ion: 93 Resp: 611374

Ion Ratio Lower Upper

93 100

66 40.1 32.3 48.5

65 20.8 16.6 25.0



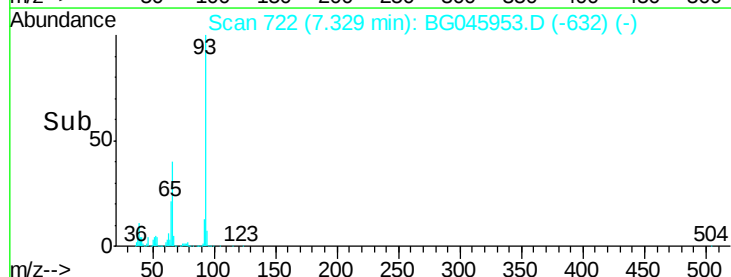
Abundance Ion 93.00 (92.70 to 93.70): BGC

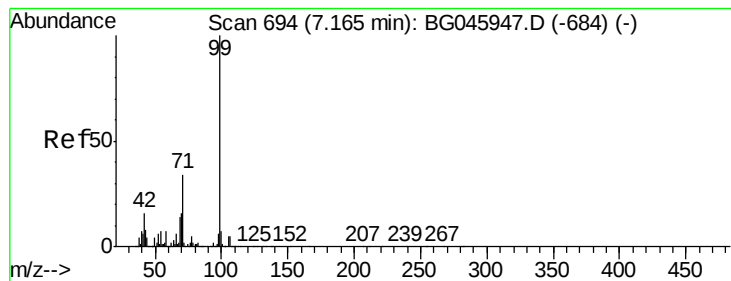
Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

7.33

Time-->





#7

Phenol-d6

Concen: 80.672 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG045953.D

Acq: 7 Jul 2020 9:04

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

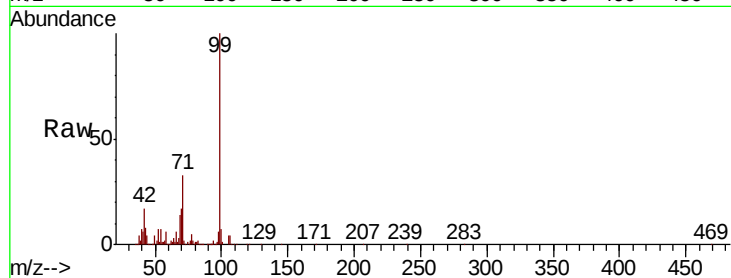
Tot Ion: 99 Resp: 957474

Ion Ratio Lower Upper

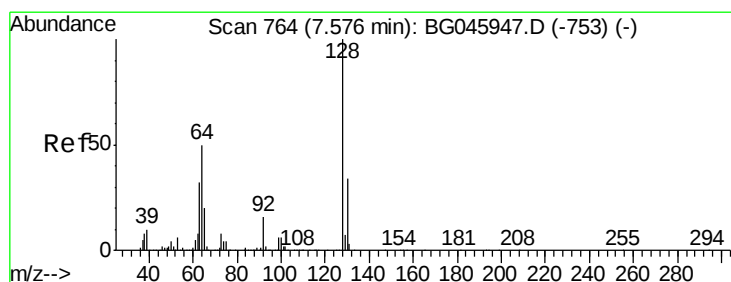
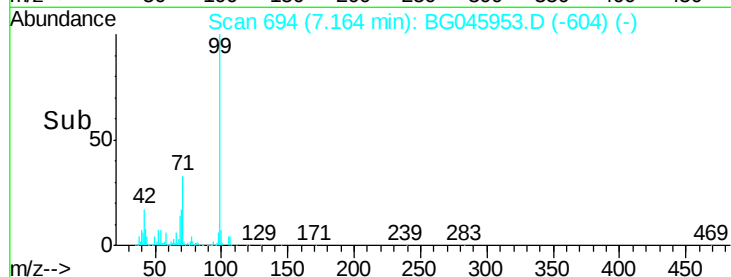
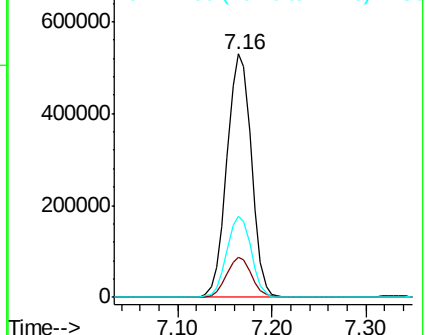
99 100

42 16.7 13.0 19.4

71 33.4 27.5 41.3



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



#8

2-Chlorophenol

Concen: 39.661 ng

RT: 7.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BG045953.D

Acq: 7 Jul 2020 9:04

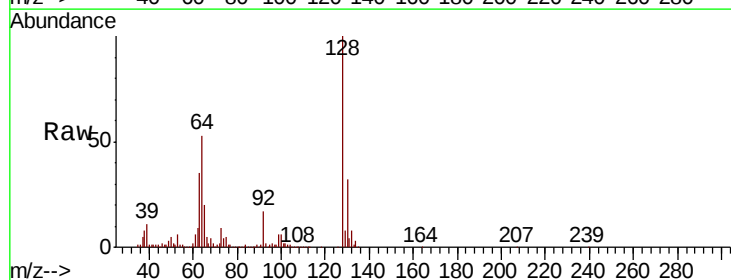
Tgt Ion:128 Resp: 351969

Ion Ratio Lower Upper

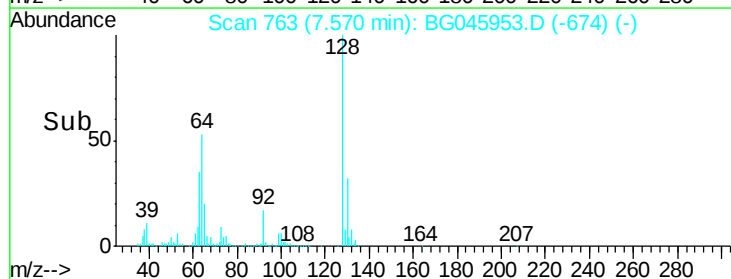
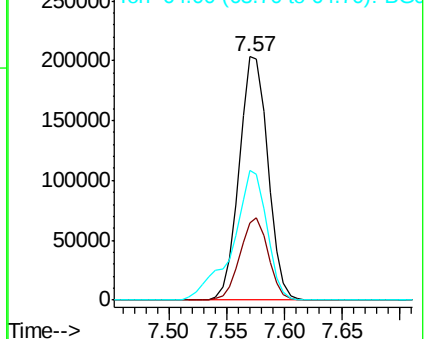
128 100

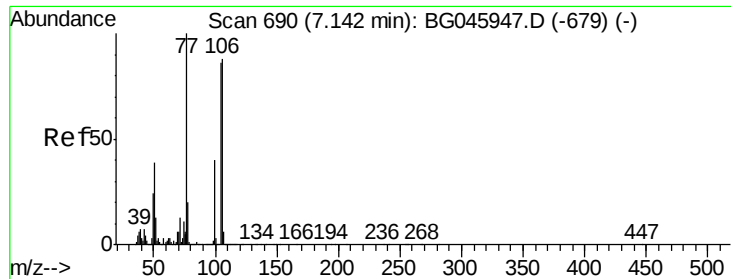
130 31.9 13.6 53.6

64 53.0 30.6 70.6



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





#9

Benzaldehyde

Concen: 38.214 ng

RT: 7.14 min Scan# 690

Delta R.T. 0.00 min

Lab File: BG045953.D

Acq: 7 Jul 2020 9:04

Instrument :

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ClientSampleId :

SSTDCCC040

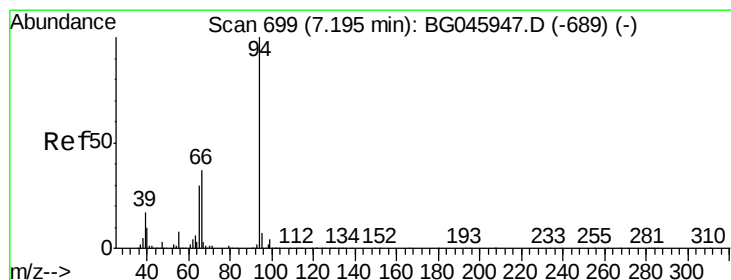
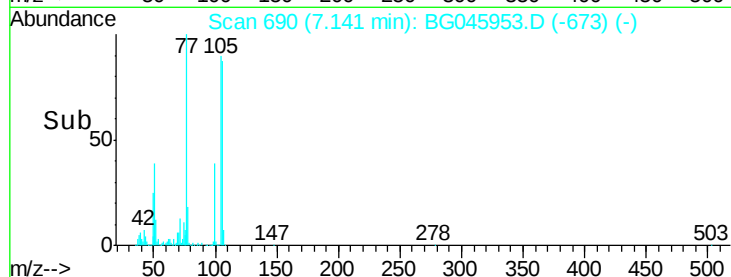
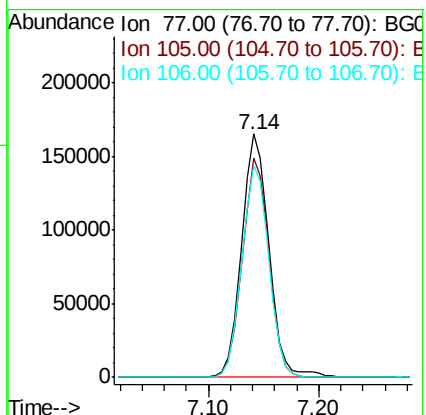
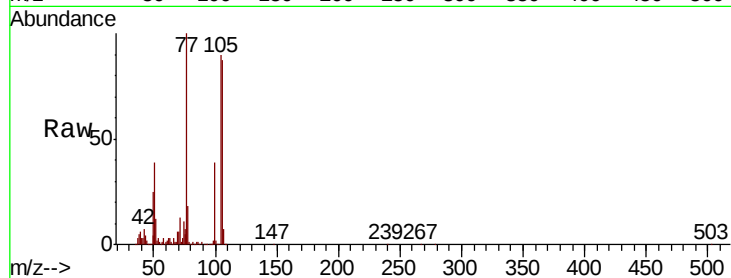
Tot Ion: 77 Resp: 287361

Ion Ratio Lower Upper

77 100

105 90.1 66.0 106.0

106 86.8 67.7 107.7



#10

Phenol

Concen: 40.306 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG045953.D

Acq: 7 Jul 2020 9:04

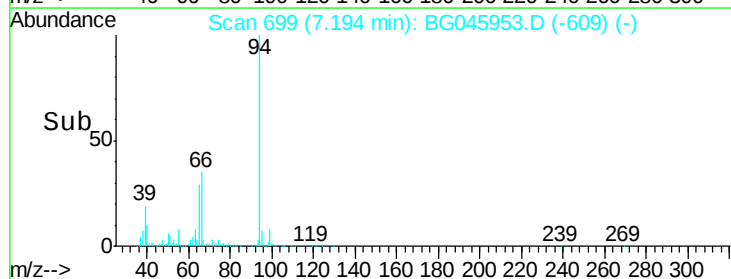
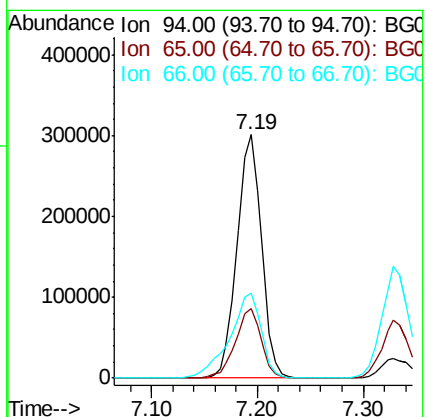
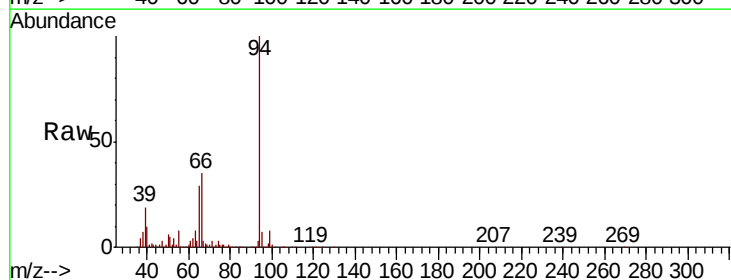
Tgt Ion: 94 Resp: 479878

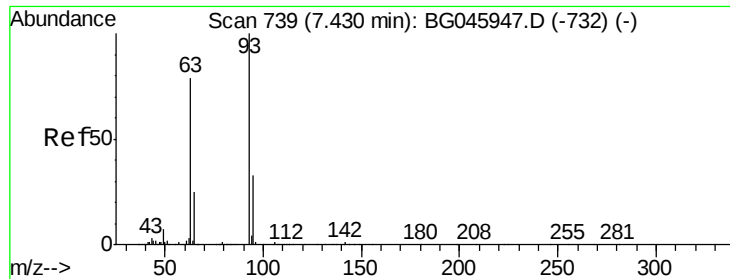
Ion Ratio Lower Upper

94 100

65 28.6 10.6 50.6

66 34.9 17.1 57.1

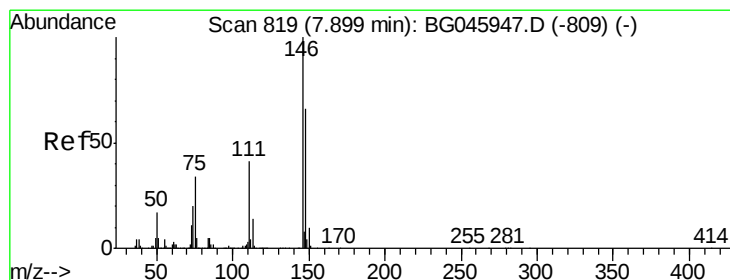
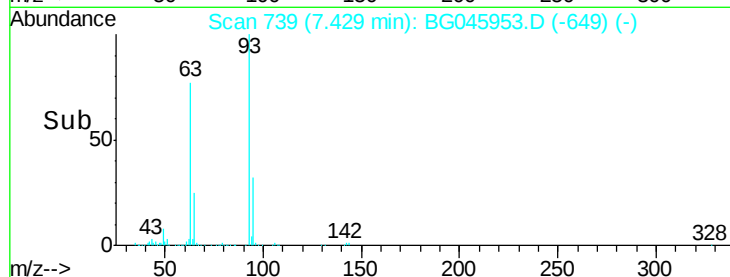
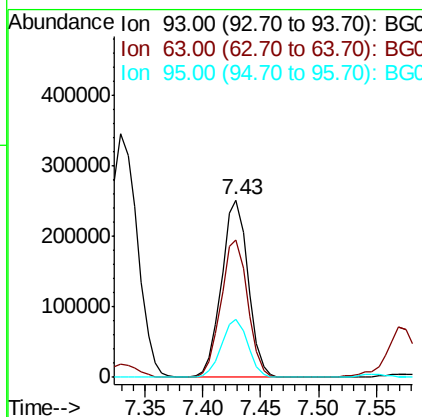
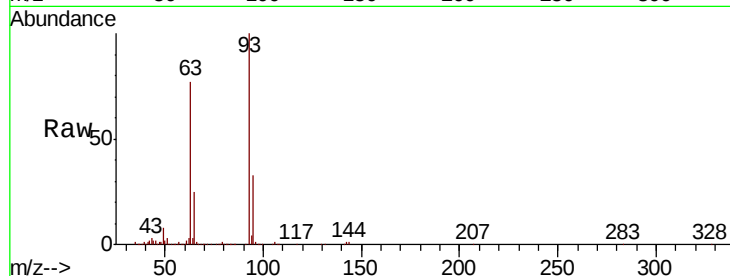




#11
 bis(2-Chloroethyl)ether
 Concen: 40.828 ng
 RT: 7.43 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: BG045953.D
 Acq: 7 Jul 2020 9:04

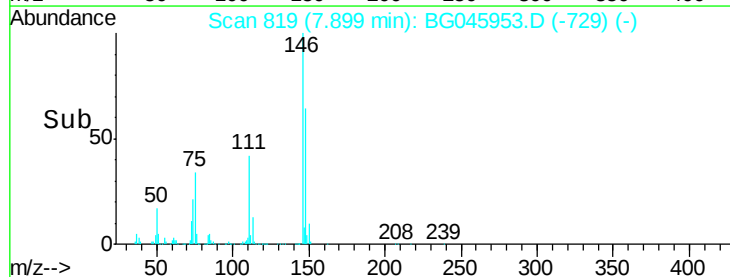
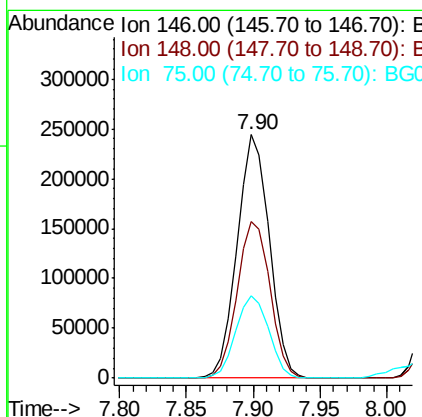
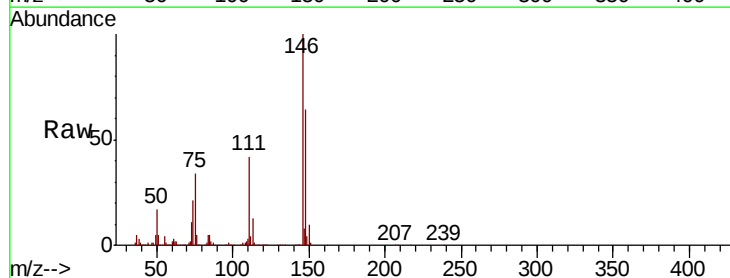
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

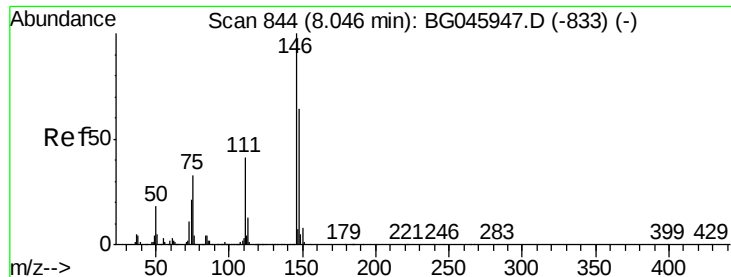
Tot Ion	Ratio	Lower	Upper
93	100		
63	77.3	58.6	98.6
95	32.5	13.3	53.3



#12
 1,3-Dichlorobenzene
 Concen: 39.909 ng
 RT: 7.90 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BG045953.D
 Acq: 7 Jul 2020 9:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.8	79.2
75	34.0	27.2	40.8

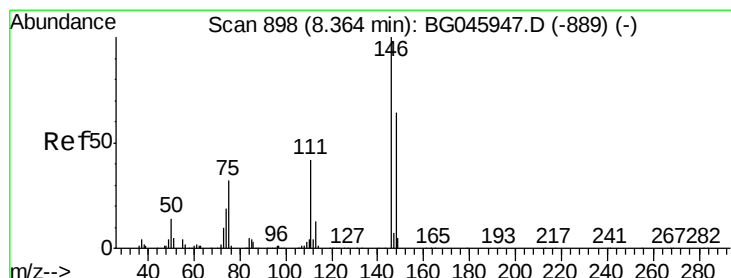
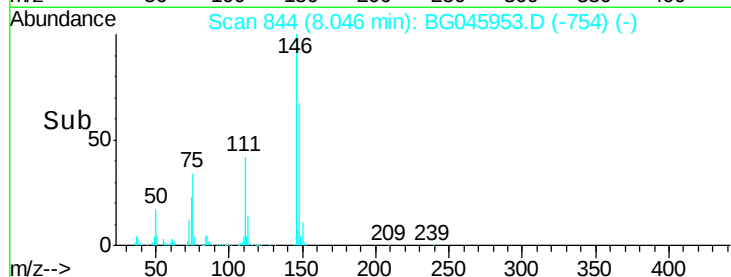
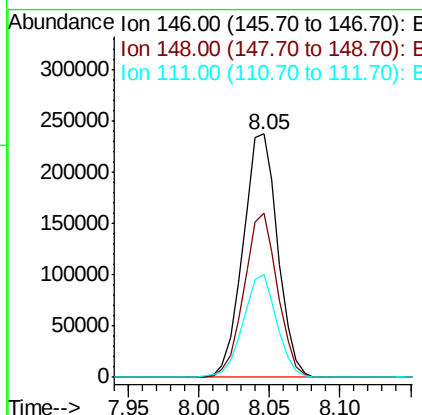
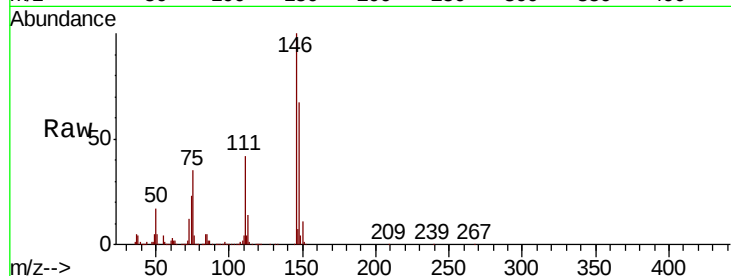




#13
1,4-Dichlorobenzene
Concen: 40.485 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BG045953.D
Acq: 7 Jul 2020 9:04

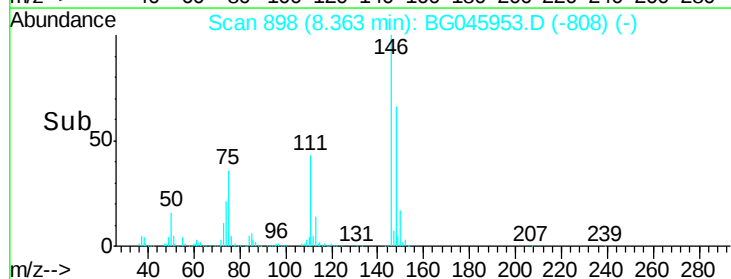
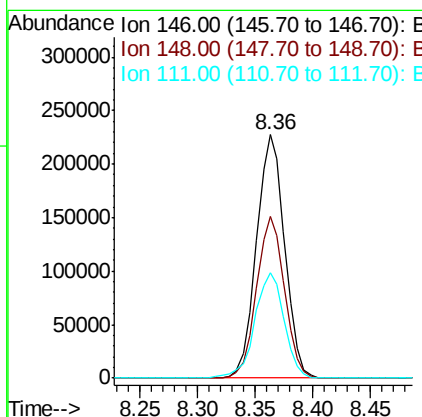
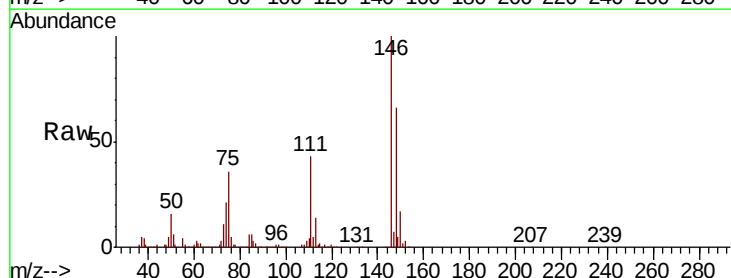
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

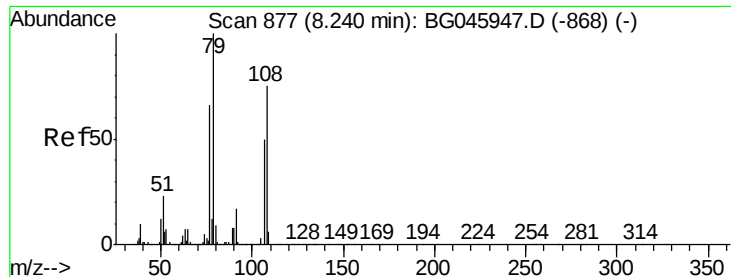
Tot Ion	Ratio	Lower	Upper
146	100		
148	67.5	51.7	77.5
111	42.1	33.3	49.9



#14
1,2-Dichlorobenzene
Concen: 39.854 ng
RT: 8.36 min Scan# 898
Delta R.T. -0.00 min
Lab File: BG045953.D
Acq: 7 Jul 2020 9:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.4	51.6	77.4
111	43.5	34.0	51.0





#15

Benzyl Alcohol

Concen: 40.171 ng

RT: 8.24 min Scan# 877

Delta R.T. -0.00 min

Lab File: BG045953.D

Acq: 7 Jul 2020 9:04

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

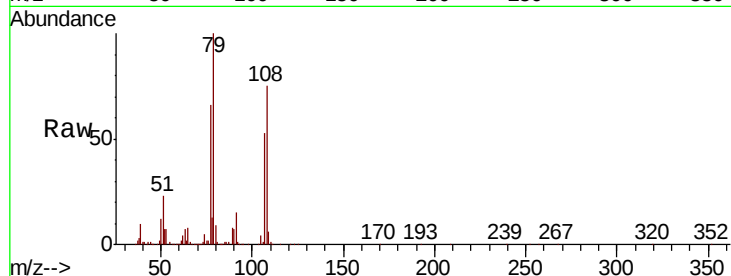
Tot Ion: 79 Resp: 373843

Ion Ratio Lower Upper

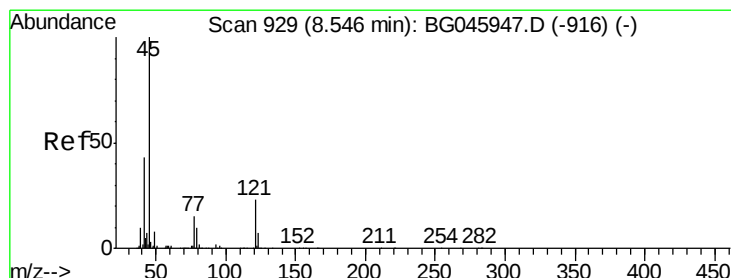
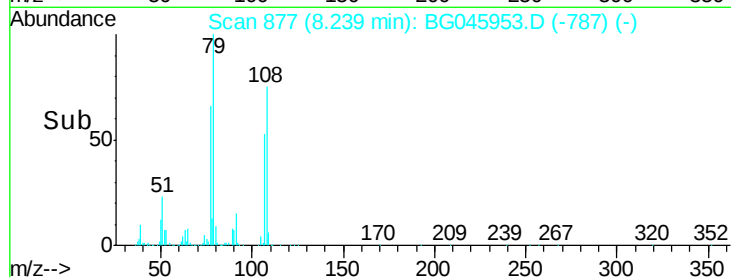
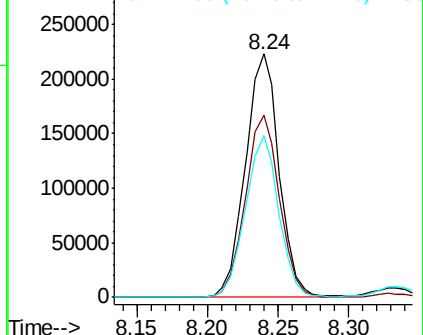
79 100

108 74.6 60.2 90.4

77 66.2 52.9 79.3



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.162 ng

RT: 8.54 min Scan# 929

Delta R.T. -0.00 min

Lab File: BG045953.D

Acq: 7 Jul 2020 9:04

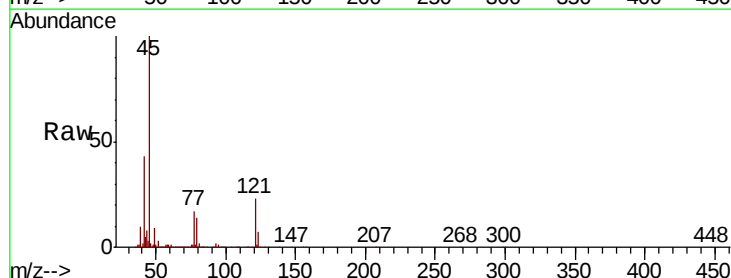
Tgt Ion: 45 Resp: 528739

Ion Ratio Lower Upper

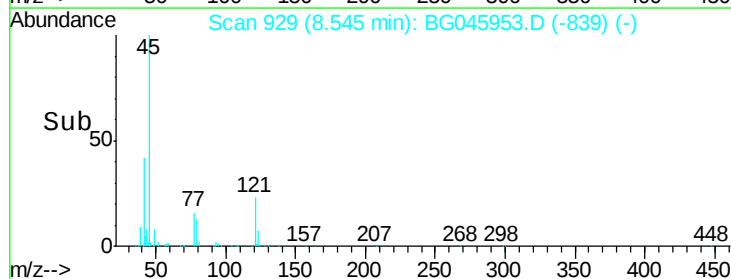
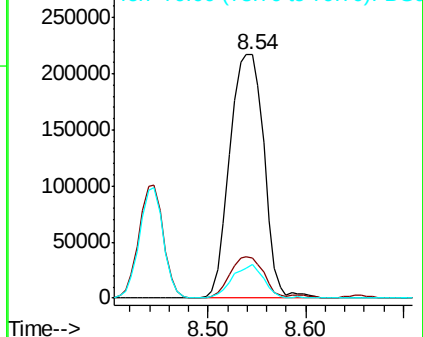
45 100

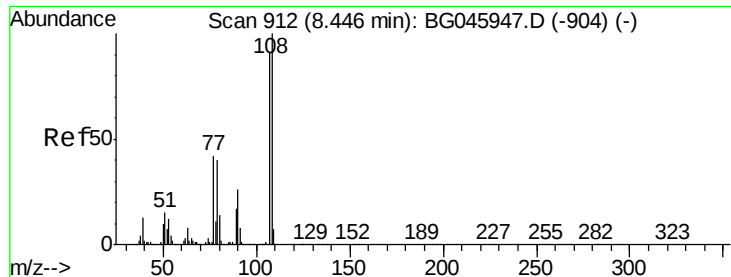
77 16.6 0.0 37.6

79 13.8 0.0 32.6



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

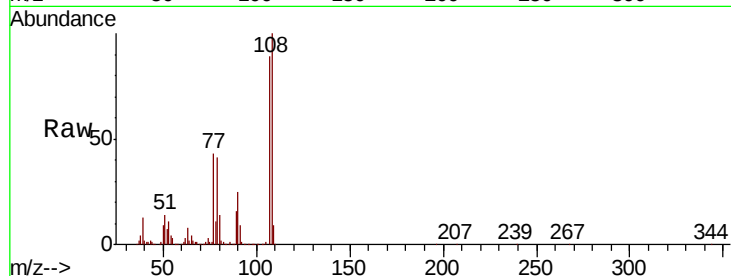




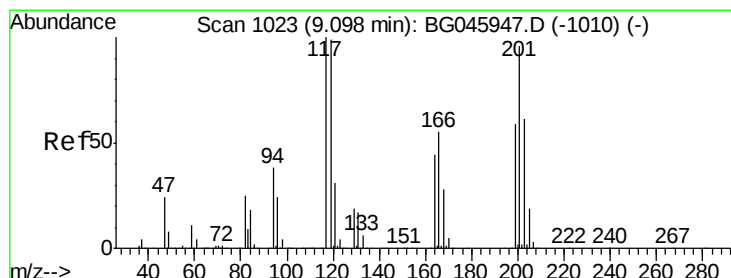
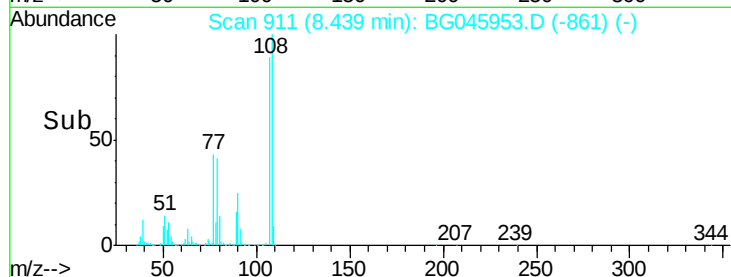
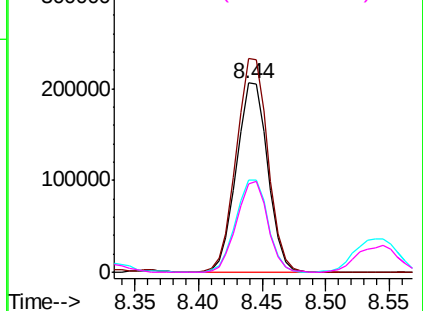
#17
2-Methylphenol
Concen: 39.551 ng
RT: 8.44 min Scan# 911
Delta R.T. -0.01 min
Lab File: BG045953.D
Acq: 7 Jul 2020 9:04

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	353326
Ion	Ratio	Lower	Upper
107	100		
108	112.9	88.2	132.4
77	48.4	37.0	55.4
79	46.6	35.4	53.0

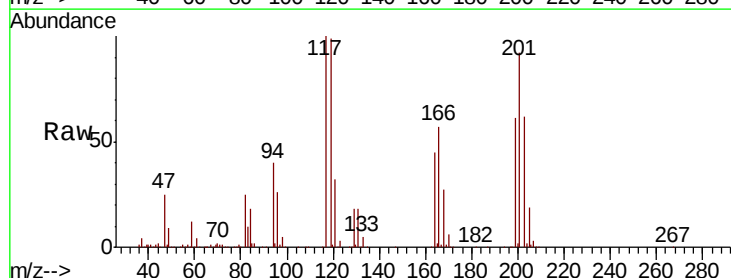


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

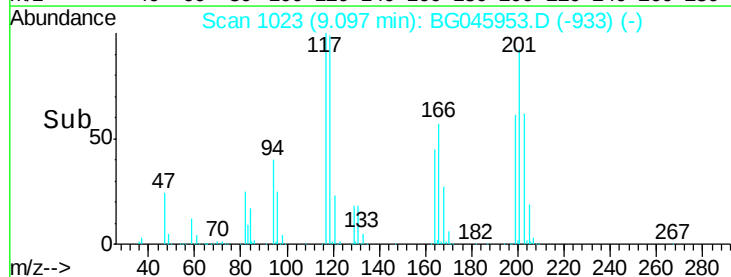
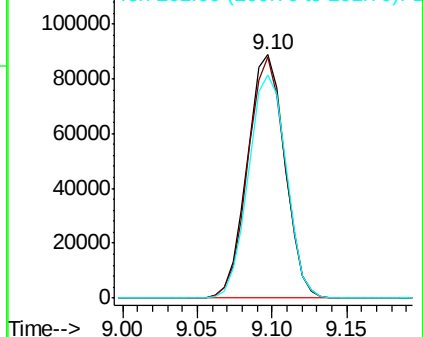


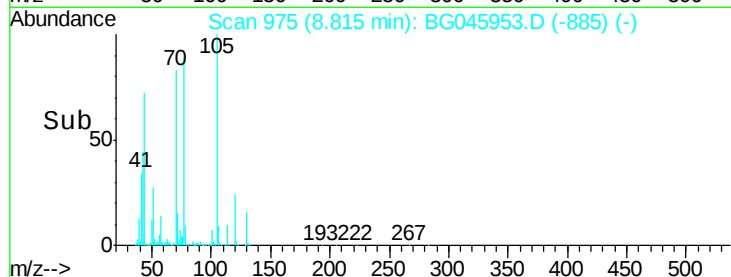
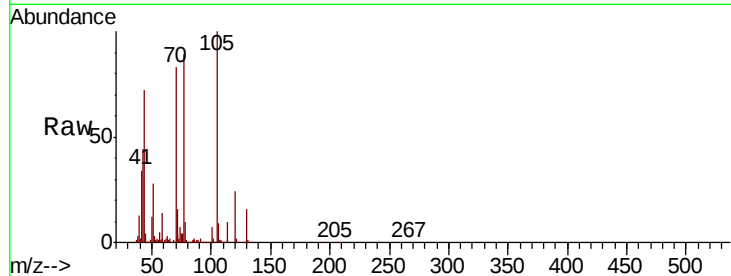
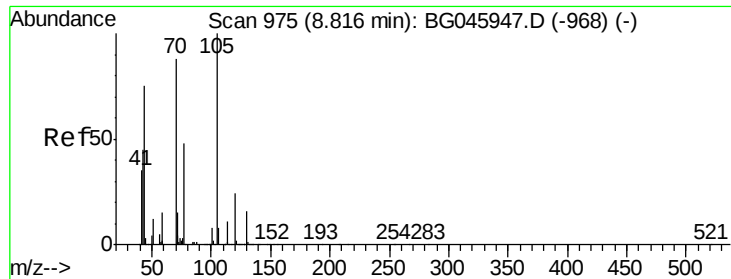
#18
Hexachloroethane
Concen: 39.890 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BG045953.D
Acq: 7 Jul 2020 9:04

Tgt Ion:	117	Resp:	154444
Ion	Ratio	Lower	Upper
117	100		
119	99.1	79.5	119.3
201	91.9	77.0	115.4



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

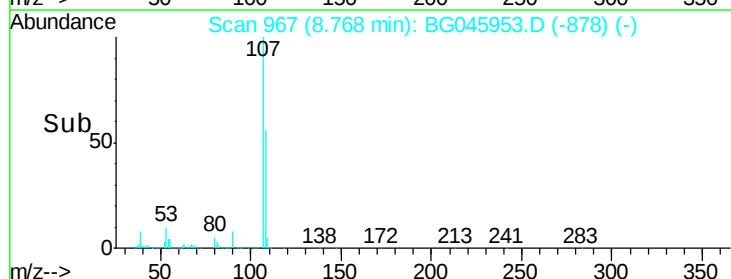
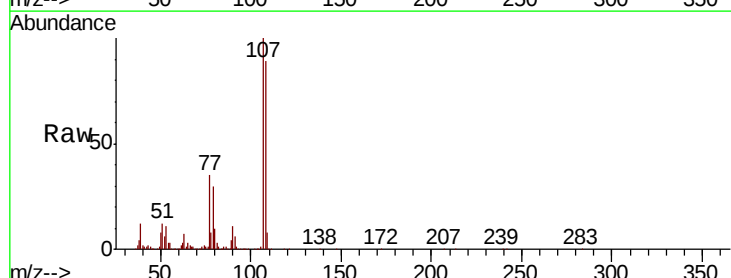
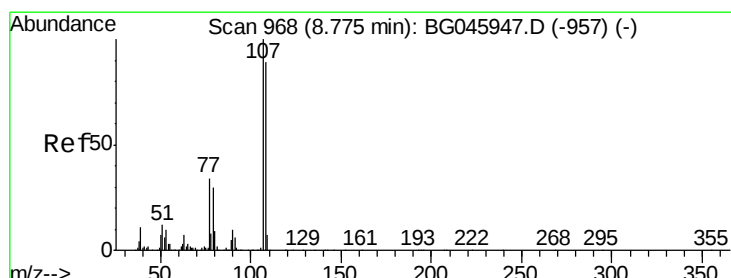
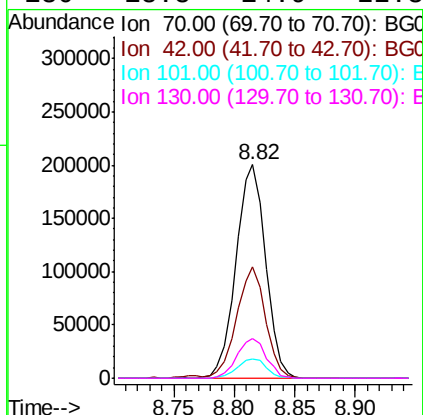




#19
n-Nitroso-di-n-propylamine
Concen: 40.916 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.00 min
Lab File: BG045953.D
Acq: 7 Jul 2020 9:04

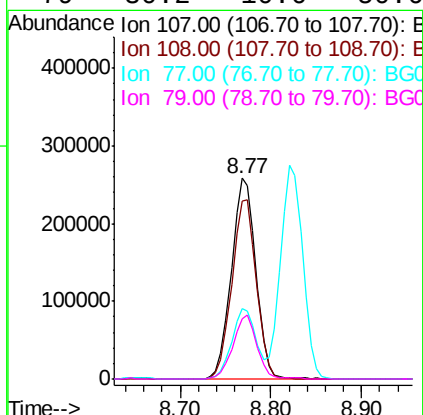
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

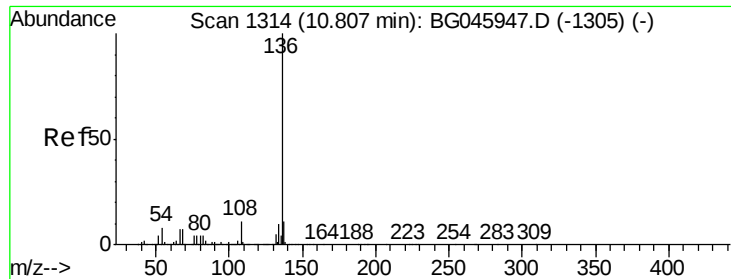
Tot Ion:	70	Resp:	341157
Ion	Ratio	Lower	Upper
70	100		
42	52.4	41.4	62.0
101	9.0	7.1	10.7
130	18.8	14.9	22.3



#20
3+4-Methylphenols
Concen: 39.923 ng
RT: 8.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BG045953.D
Acq: 7 Jul 2020 9:04

Tgt Ion:	107	Resp:	486076
Ion	Ratio	Lower	Upper
107	100		
108	88.5	68.7	108.7
77	34.9	14.6	54.6
79	30.2	10.6	50.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.81 min Scan# 1314

Delta R.T. -0.00 min

Lab File: BG045953.D

Acq: 7 Jul 2020 9:04

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 522298

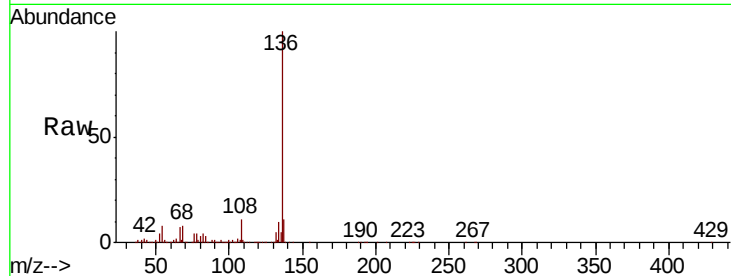
Ion Ratio Lower Upper

136 100

137 10.7 9.2 13.8

54 8.3 6.2 9.4

68 7.7 5.8 8.8

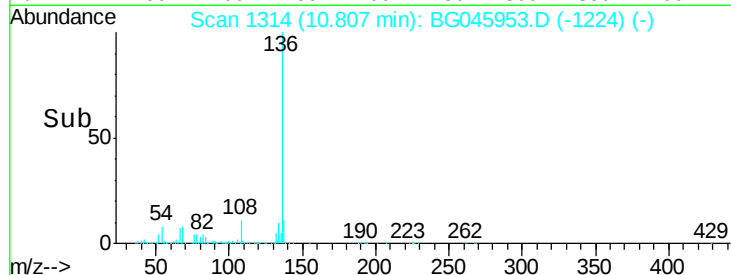


Abundance Ion 136.00 (135.70 to 136.70): E

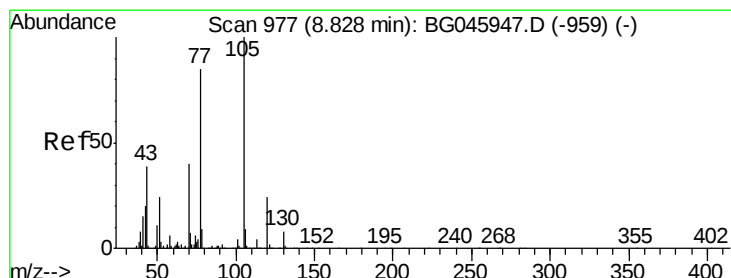
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time--> 10.70 10.80 10.90



#22

Acetophenone

Concen: 39.660 ng

RT: 8.82 min Scan# 976

Delta R.T. -0.01 min

Lab File: BG045953.D

Acq: 7 Jul 2020 9:04

Tgt Ion:105 Resp: 553378

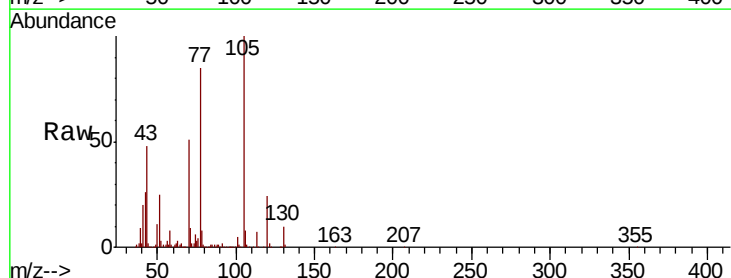
Ion Ratio Lower Upper

105 100

71 8.6 6.2 9.2

51 25.2 19.7 29.5

120 23.5 19.2 28.8

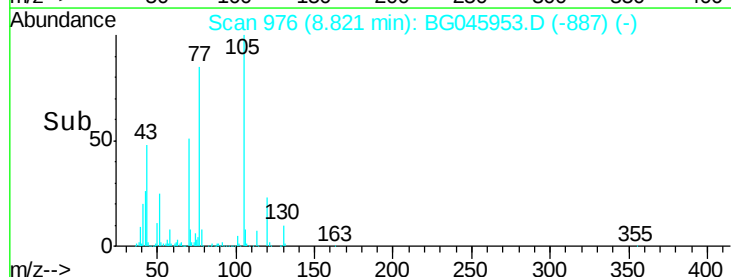


Abundance Ion 105.00 (104.70 to 105.70): E

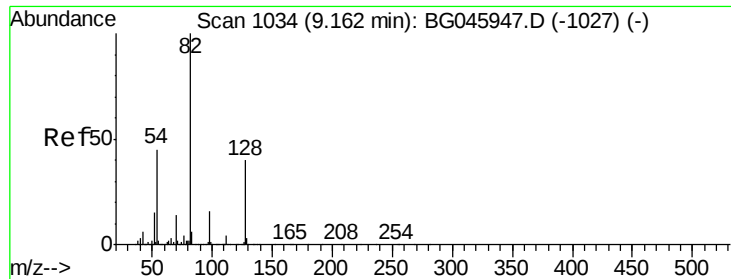
Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



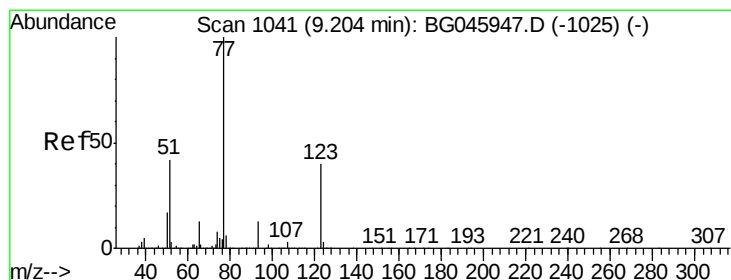
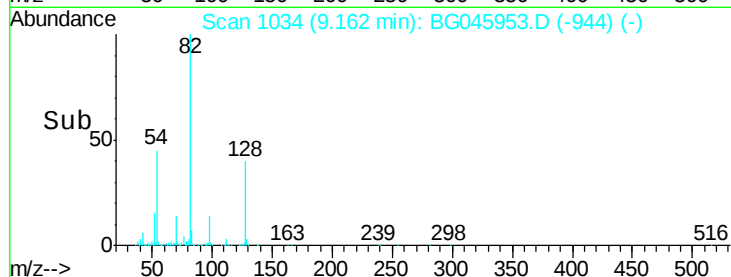
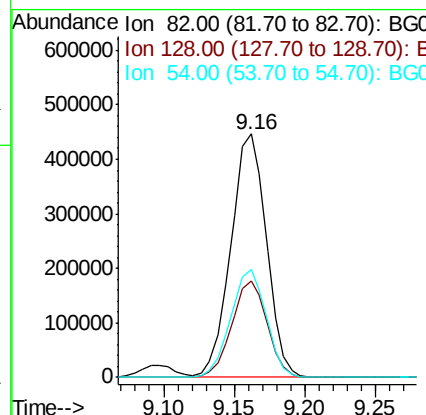
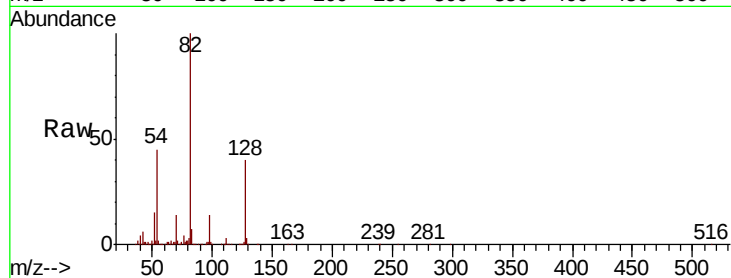
Time--> 8.75 8.80 8.85 8.90



#23
 Nitrobenzene-d5
 Concen: 86.109 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BG045953.D
 Acq: 7 Jul 2020 9:04

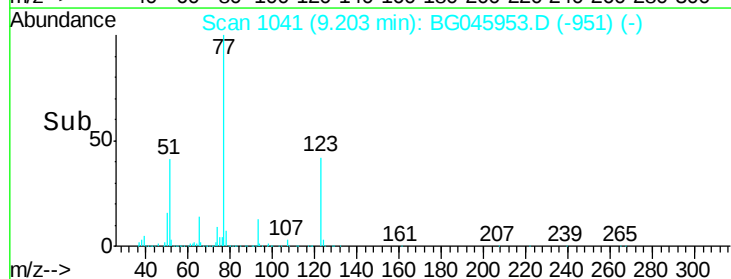
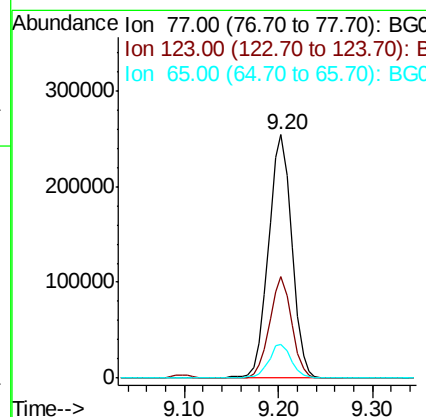
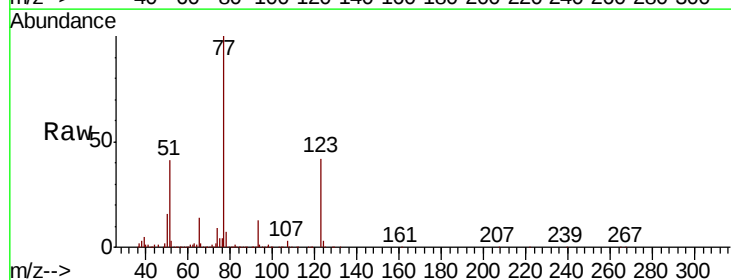
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

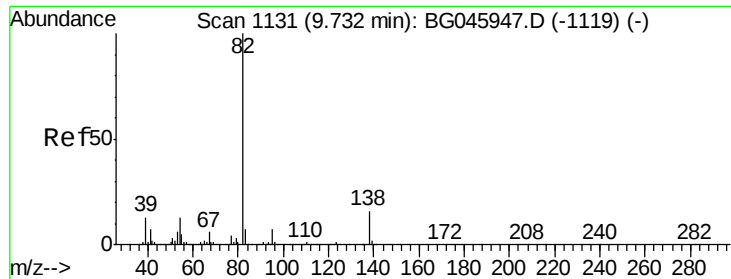
Tot Ion	Ratio	Lower	Upper
82	100		
128	39.7	32.2	48.4
54	44.5	35.8	53.6



#24
 Nitrobenzene
 Concen: 43.672 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BG045953.D
 Acq: 7 Jul 2020 9:04

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.6	32.7	49.1
65	13.7	10.2	15.4





#25

Isophorone

Concen: 40.829 ng

RT: 9.73 min Scan# 1131

Delta R.T. -0.00 min

Lab File: BG045953.D

Acq: 7 Jul 2020 9:04

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

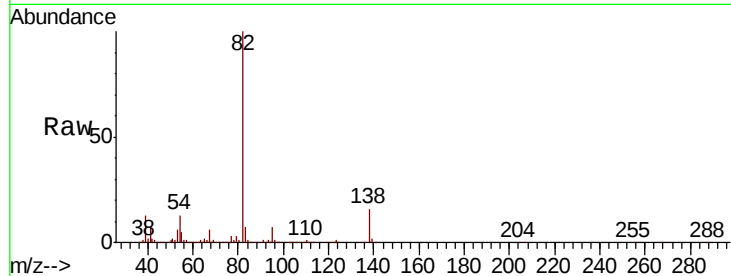
Tot Ion: 82 Resp: 904455

Ion Ratio Lower Upper

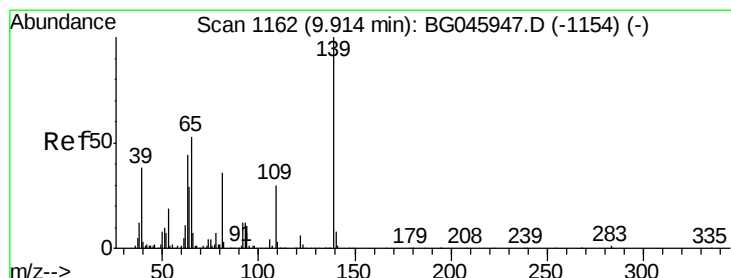
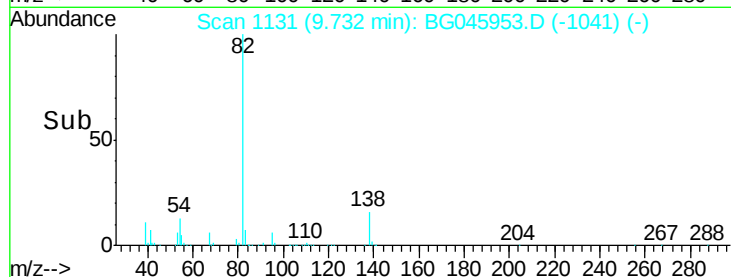
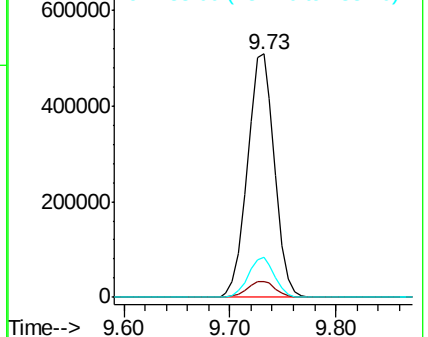
82 100

95 6.6 5.8 8.6

138 16.4 12.9 19.3



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: 44.136 ng

RT: 9.91 min Scan# 1162

Delta R.T. -0.00 min

Lab File: BG045953.D

Acq: 7 Jul 2020 9:04

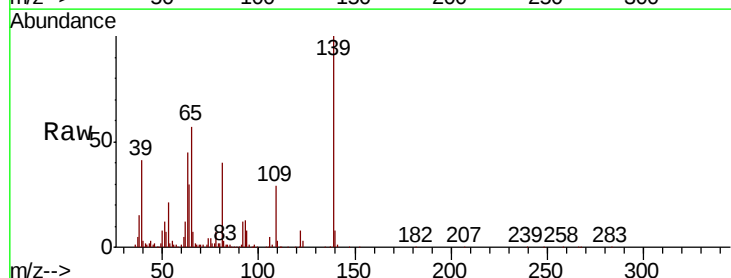
Tgt Ion: 139 Resp: 144082

Ion Ratio Lower Upper

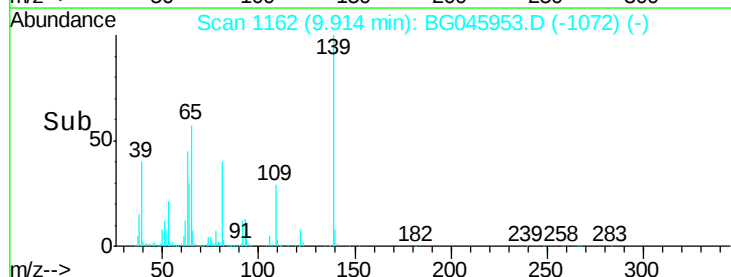
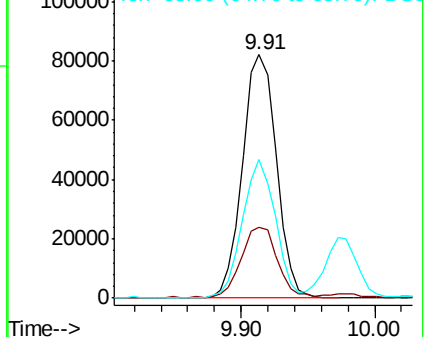
139 100

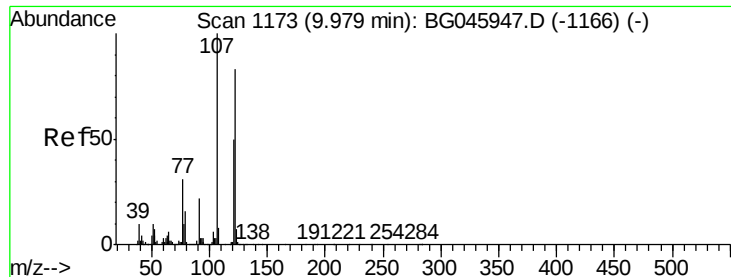
109 29.1 24.6 37.0

65 57.1 42.6 64.0



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: 40.458 ng

RT: 9.98 min Scan# 1173

Delta R.T. -0.00 min

Lab File: BG045953.D

Acq: 7 Jul 2020 9:04

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

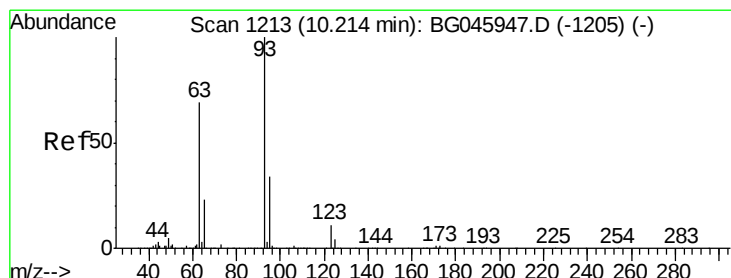
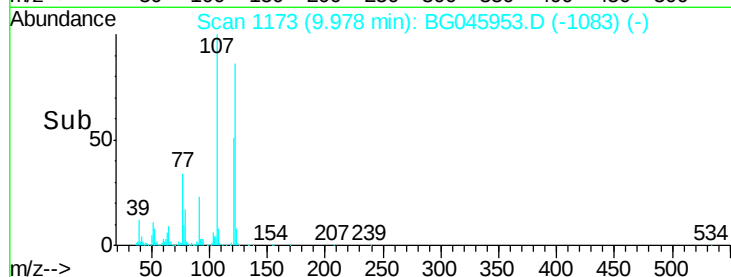
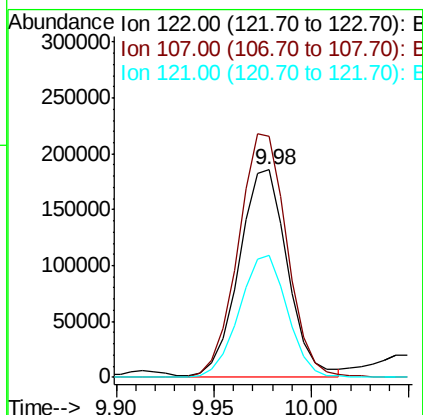
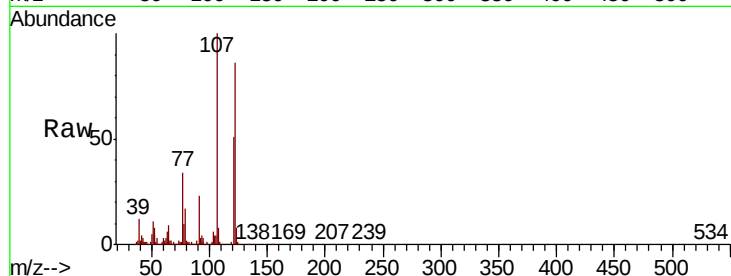
Tot Ion:122 Resp: 319013

Ion Ratio Lower Upper

122 100

107 115.8 95.6 143.4

121 58.7 47.7 71.5



#28

bis(2-Chloroethoxy)methane

Concen: 40.952 ng

RT: 10.21 min Scan# 1213

Delta R.T. -0.00 min

Lab File: BG045953.D

Acq: 7 Jul 2020 9:04

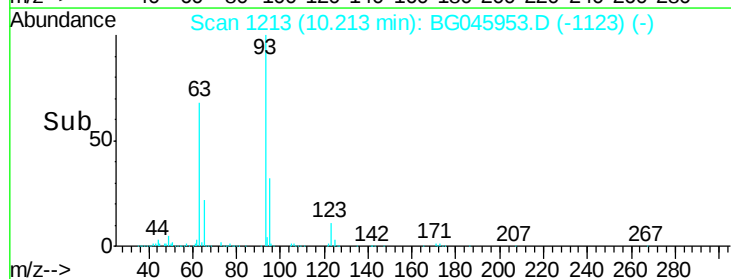
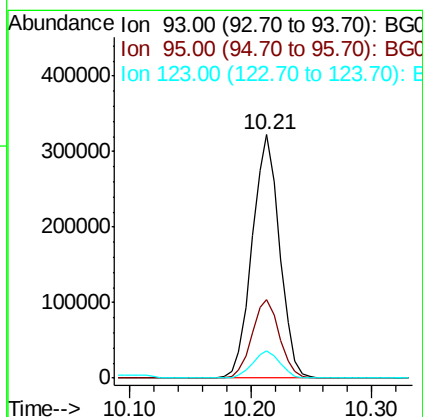
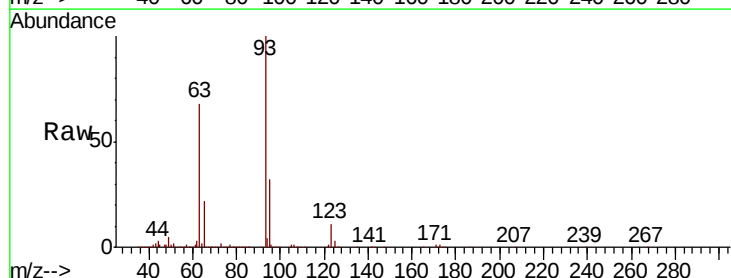
Tgt Ion: 93 Resp: 509419

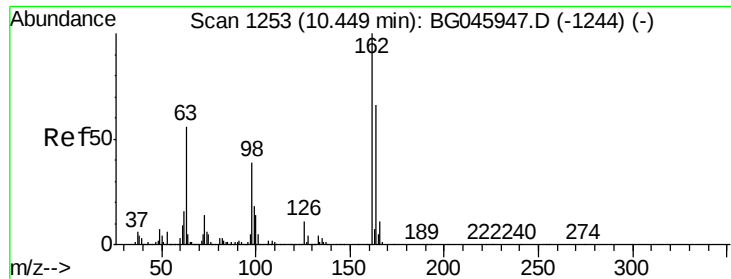
Ion Ratio Lower Upper

93 100

95 32.4 27.5 41.3

123 11.2 9.2 13.8

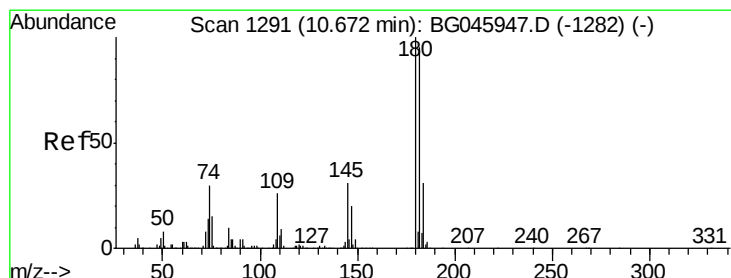
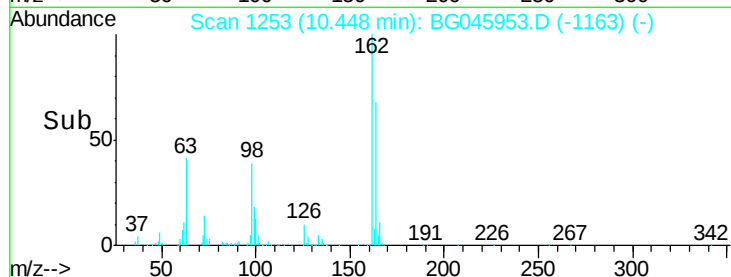
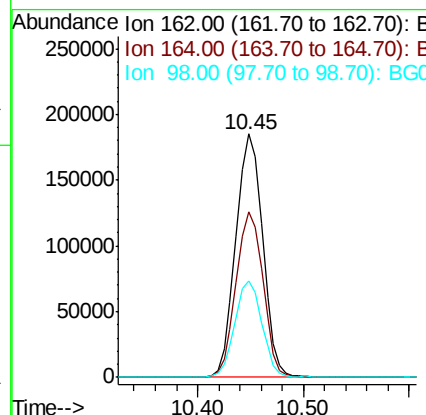
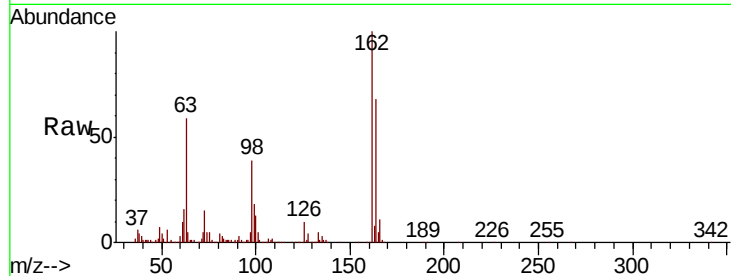




#29
 2,4-Dichlorophenol
 Concen: 39.981 ng
 RT: 10.45 min Scan# 1253
 Delta R.T. -0.00 min
 Lab File: BG045953.D
 Acq: 7 Jul 2020 9:04

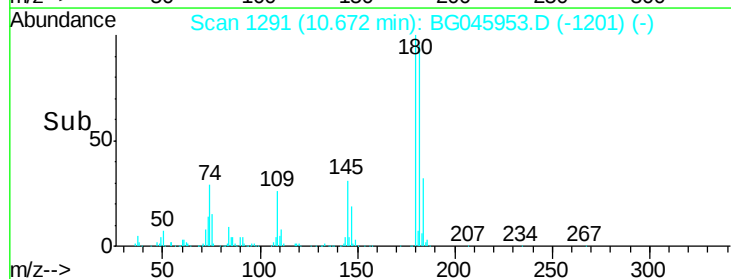
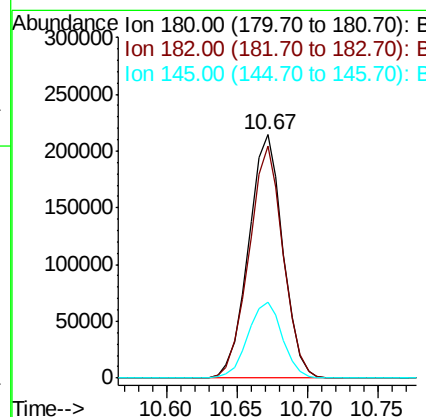
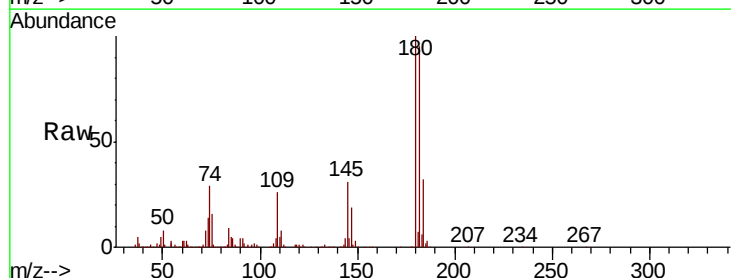
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

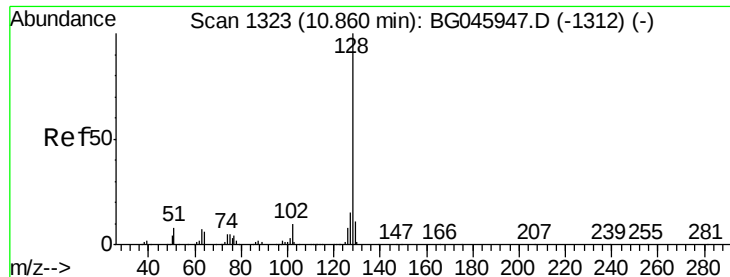
Tot Ion	Ratio	Lower	Upper
162	100		
164	67.9	46.0	86.0
98	39.4	19.2	59.2



#30
 1,2,4-Trichlorobenzene
 Concen: 40.288 ng
 RT: 10.67 min Scan# 1291
 Delta R.T. -0.00 min
 Lab File: BG045953.D
 Acq: 7 Jul 2020 9:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.3	114.5
145	31.0	24.8	37.2

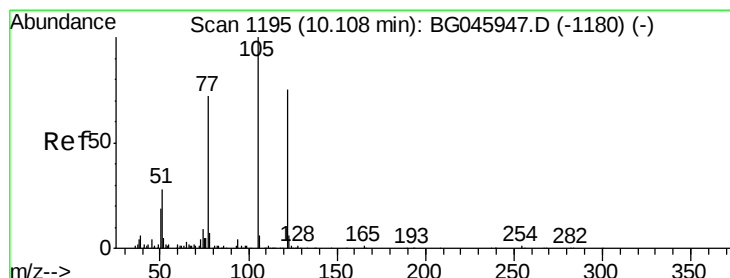
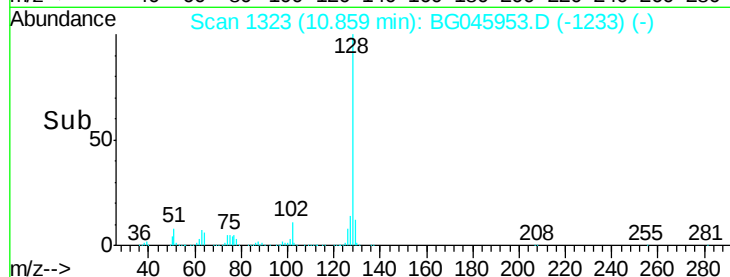
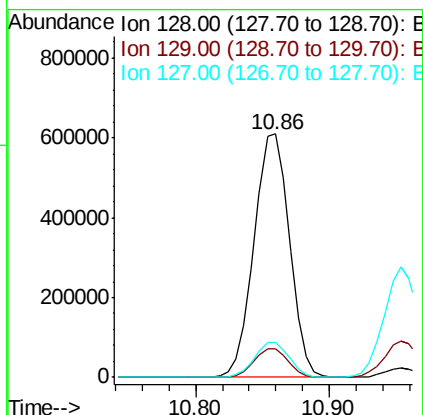
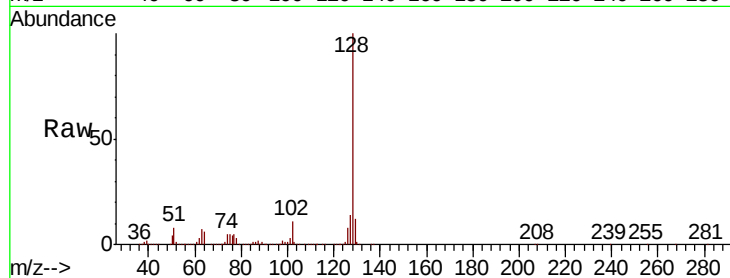




#31
Naphthalene
Concen: 39.995 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BG045953.D
Acq: 7 Jul 2020 9:04

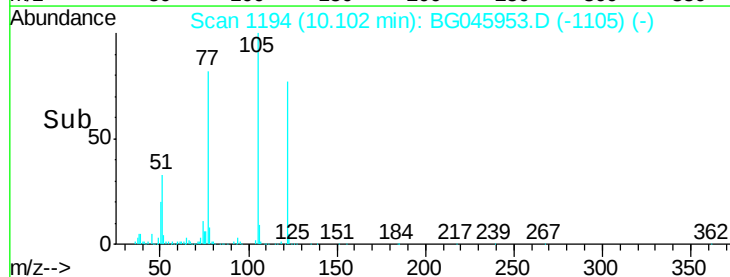
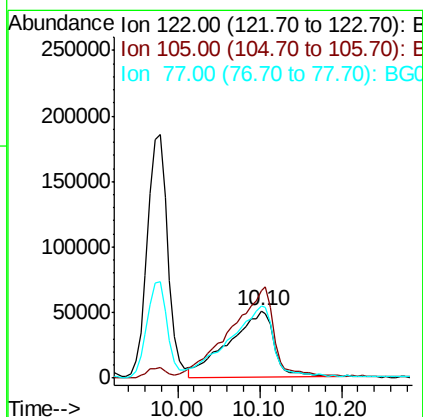
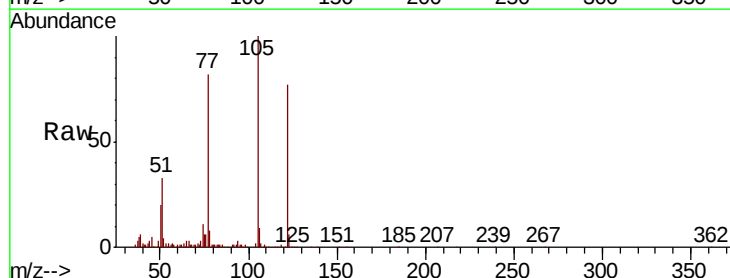
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

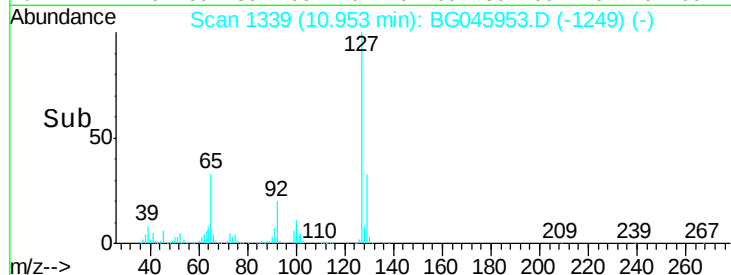
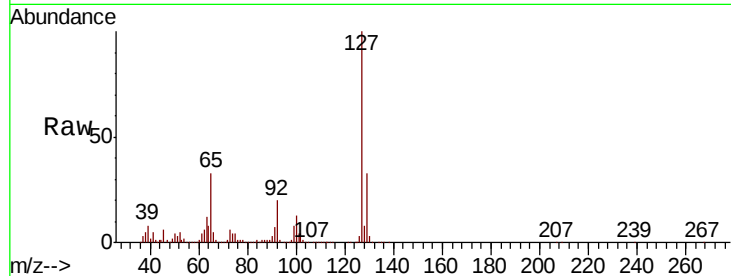
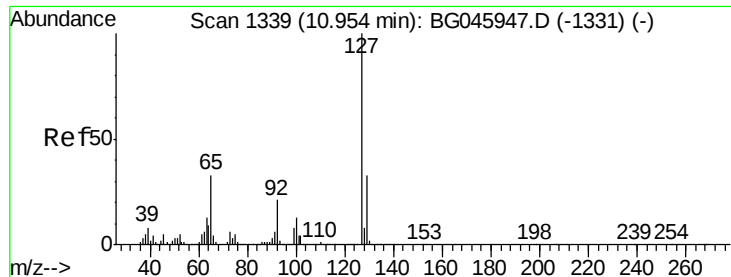
Tot Ion:128 Resp: 1119838
Ion Ratio Lower Upper
128 100
129 11.7 9.2 13.8
127 14.2 11.8 17.6



#32
Benzoic acid
Concen: 40.851 ng
RT: 10.10 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BG045953.D
Acq: 7 Jul 2020 9:04

Tgt Ion:122 Resp: 191323
Ion Ratio Lower Upper
122 100
105 129.6 110.8 150.8
77 106.2 76.4 116.4

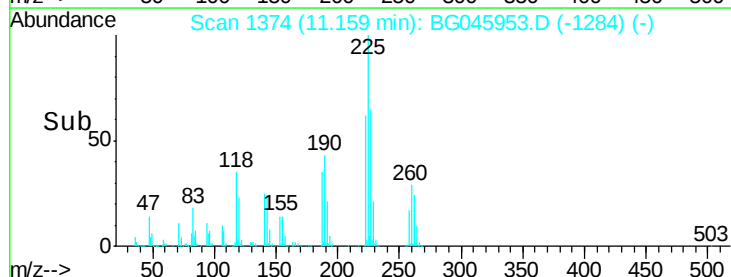
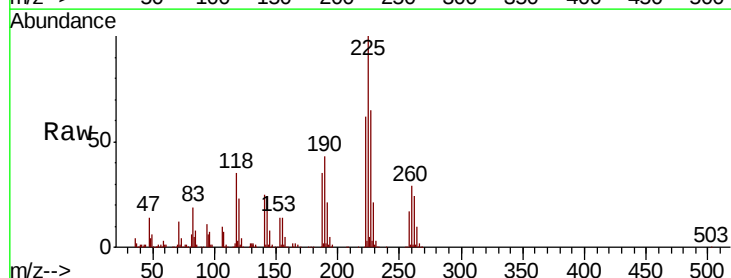
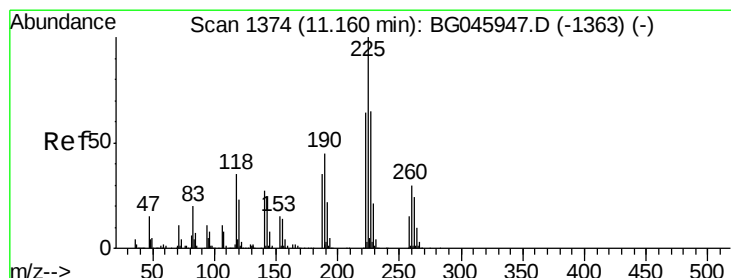
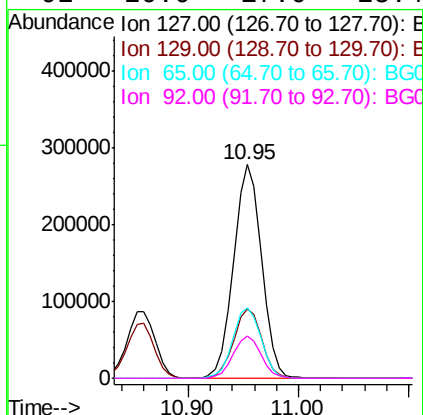




#33
4-Chloroaniline
Concen: 39.590 ng
RT: 10.95 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BG045953.D
Acq: 7 Jul 2020 9:04

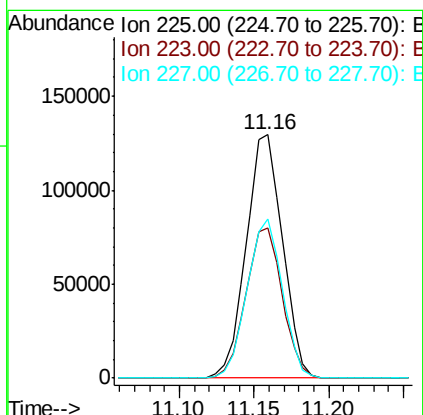
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

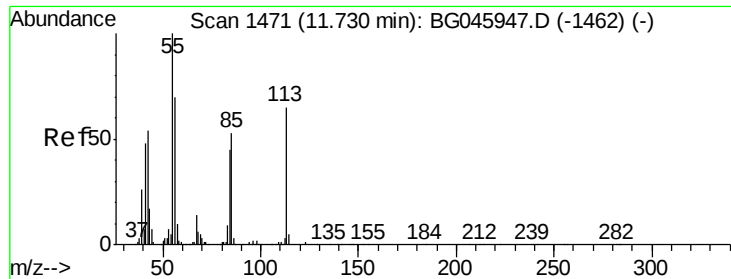
Tot Ion:	127	Resp:	495351
Ion Ratio	Lower	Upper	
127	100		
129	32.7	26.6	39.8
65	33.2	26.8	40.2
92	20.0	17.0	25.4



#34
Hexachlorobutadiene
Concen: 41.209 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BG045953.D
Acq: 7 Jul 2020 9:04

Tgt Ion:	225	Resp:	217612
Ion Ratio	Lower	Upper	
225	100		
223	61.7	51.2	76.8
227	65.3	52.3	78.5





#35

Caprolactam

Concen: 38.954 ng

RT: 11.72 min Scan# 1470

Delta R.T. -0.01 min

Lab File: BG045953.D

Acq: 7 Jul 2020 9:04

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

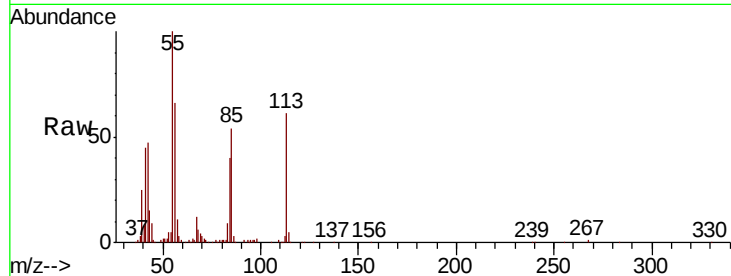
Tot Ion:113 Resp: 120721

Ion Ratio Lower Upper

113 100

55 163.8 141.6 181.6

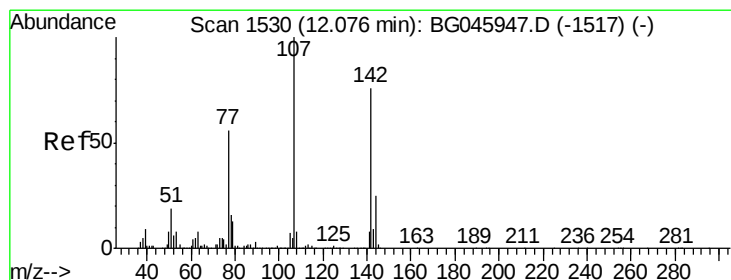
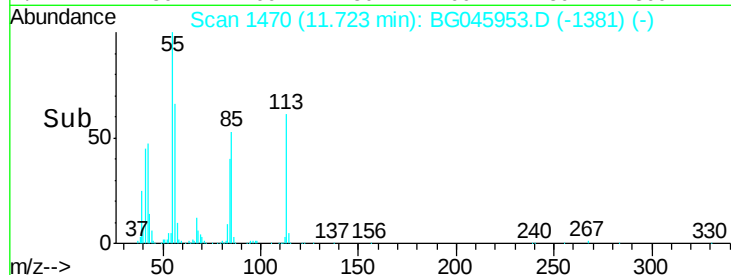
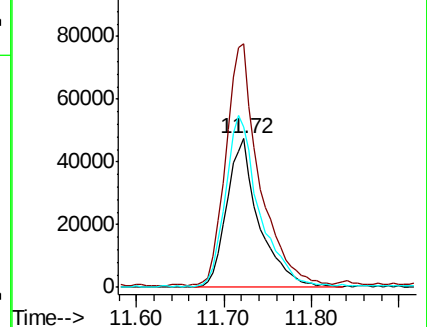
56 108.2 89.6 129.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 40.777 ng

RT: 12.08 min Scan# 1530

Delta R.T. -0.00 min

Lab File: BG045953.D

Acq: 7 Jul 2020 9:04

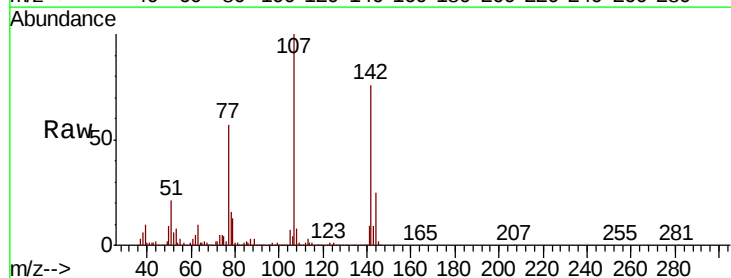
Tgt Ion:107 Resp: 379099

Ion Ratio Lower Upper

107 100

144 25.2 20.0 30.0

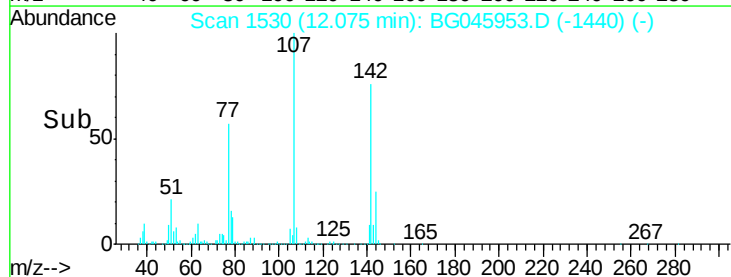
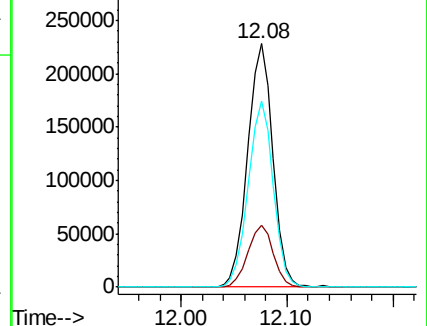
142 76.2 61.1 91.7

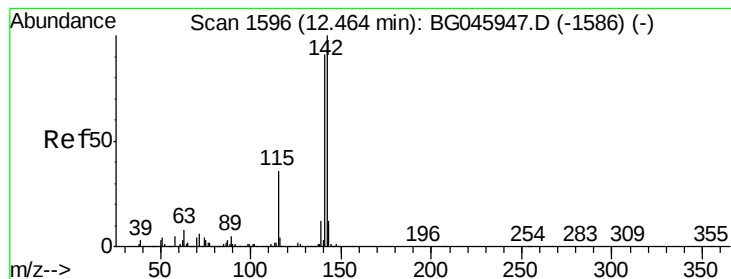


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.364 ng

RT: 12.46 min Scan# 1596

Delta R.T. -0.00 min

Lab File: BG045953.D

Acq: 7 Jul 2020 9:04

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

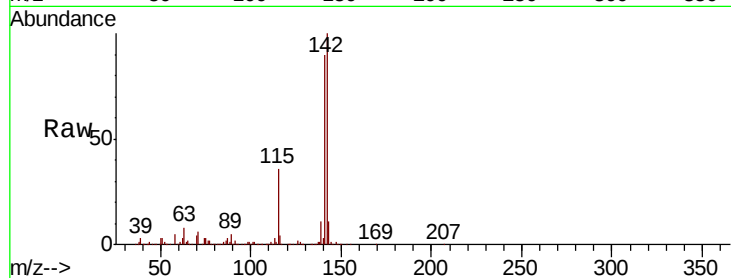
Tot Ion:142 Resp: 803384

Ion Ratio Lower Upper

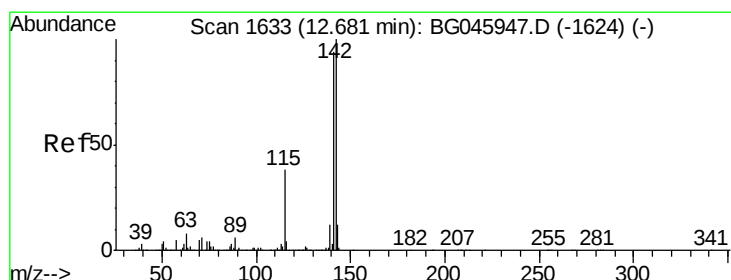
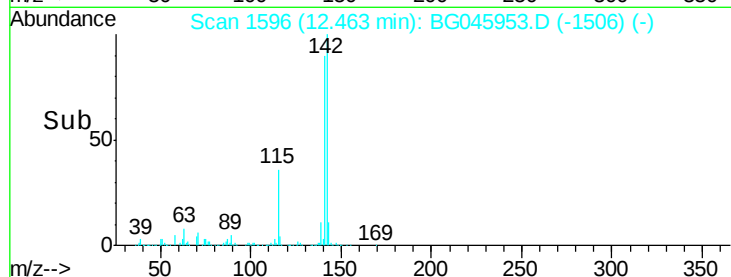
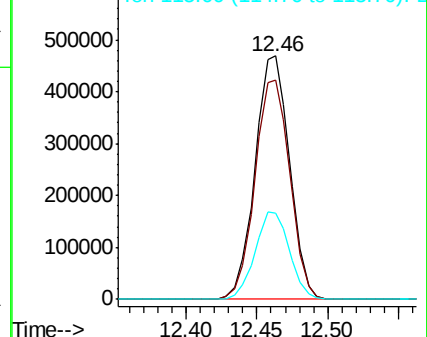
142 100

141 90.3 73.0 109.6

115 35.6 28.8 43.2



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



#38

1-Methylnaphthalene

Concen: 39.925 ng

RT: 12.68 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BG045953.D

Acq: 7 Jul 2020 9:04

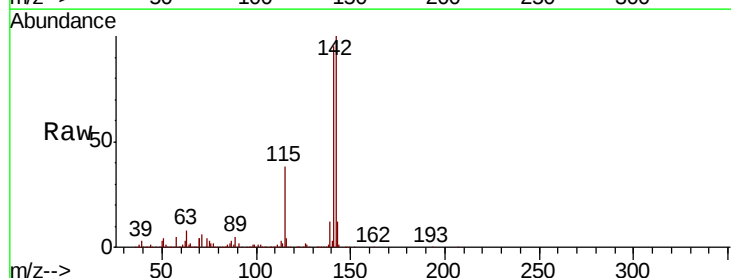
Tgt Ion:142 Resp: 749950

Ion Ratio Lower Upper

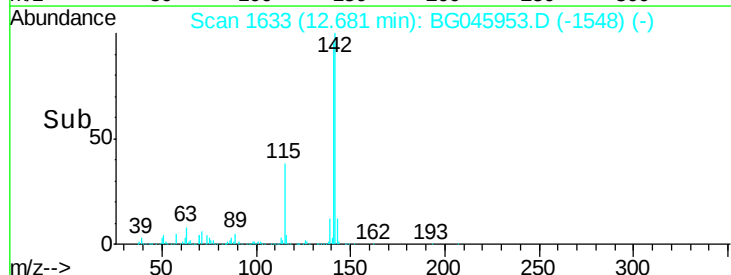
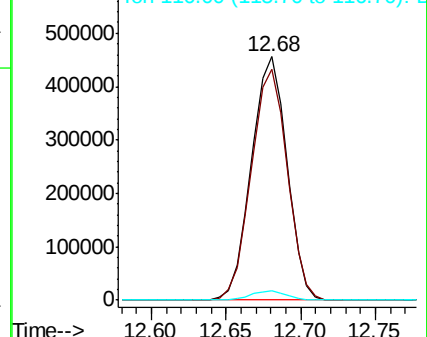
142 100

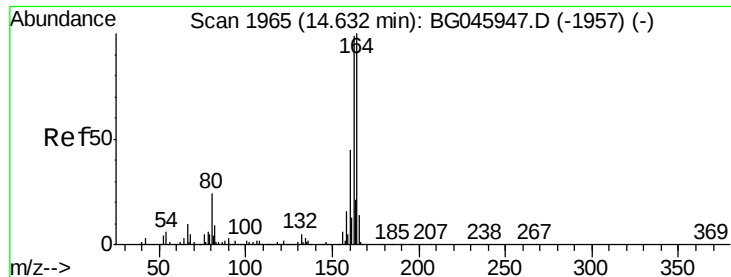
141 94.9 75.2 112.8

116 3.8 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: BG045953.D

Acq: 7 Jul 2020 9:04

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

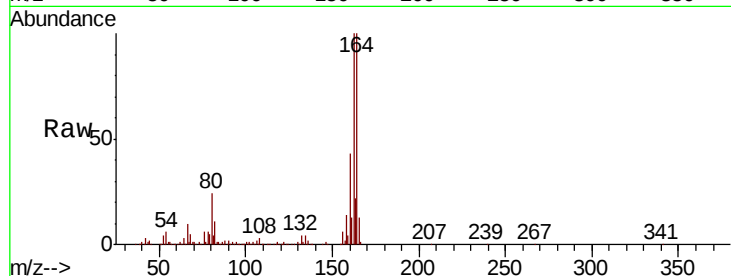
Tot Ion:164 Resp: 312627

Ion Ratio Lower Upper

164 100

162 100.1 79.3 118.9

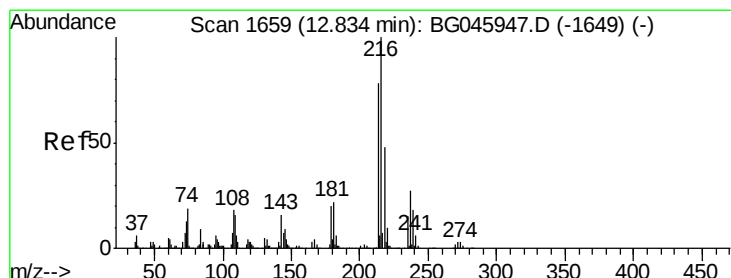
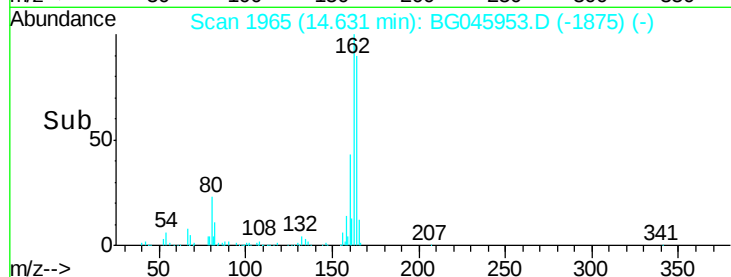
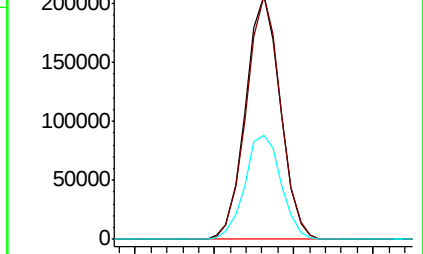
160 43.0 35.7 53.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.394 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.01 min

Lab File: BG045953.D

Acq: 7 Jul 2020 9:04

Tgt Ion:216 Resp: 355977

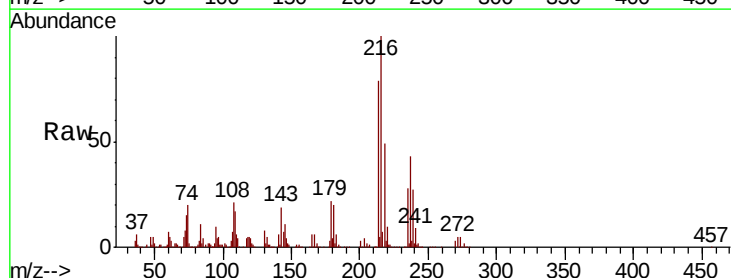
Ion Ratio Lower Upper

216 100

214 79.5 63.0 94.4

179 21.8 17.0 25.6

108 21.5 17.3 25.9

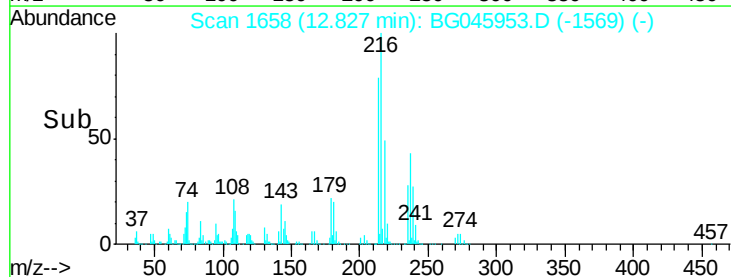
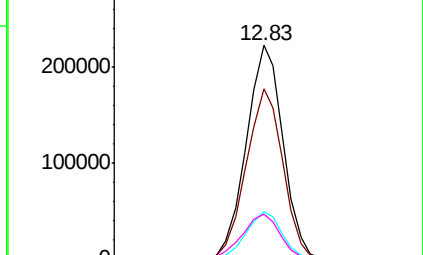


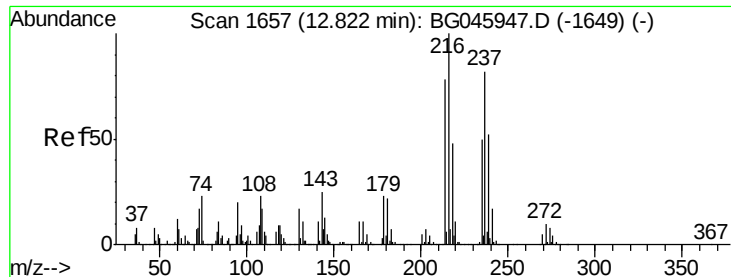
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 40.089 ng

RT: 12.82 min Scan# 1656

Delta R.T. -0.01 min

Lab File: BG045953.D

Acq: 7 Jul 2020 9:04

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

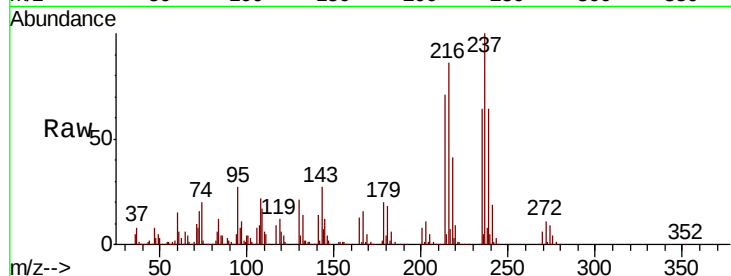
Tot Ion:237 Resp: 209630

Ion Ratio Lower Upper

237 100

235 63.6 41.5 81.5

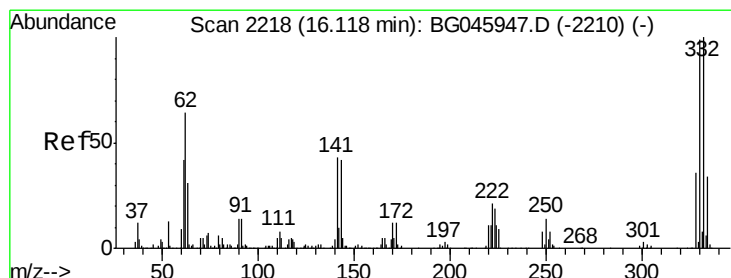
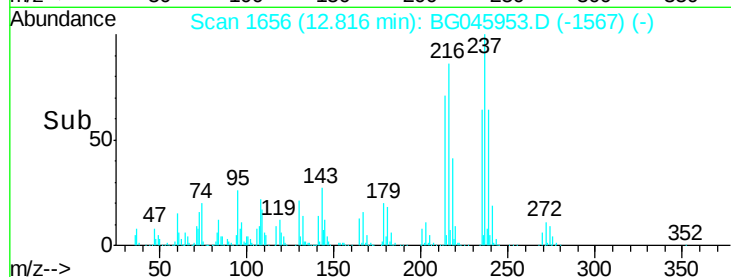
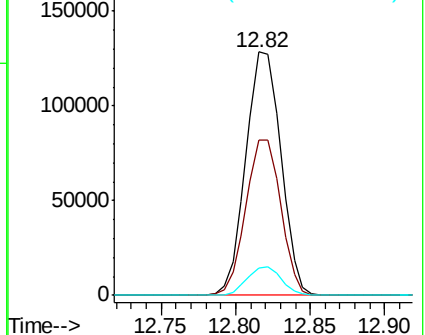
272 11.3 0.0 31.7



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 84.439 ng

RT: 16.12 min Scan# 2218

Delta R.T. -0.00 min

Lab File: BG045953.D

Acq: 7 Jul 2020 9:04

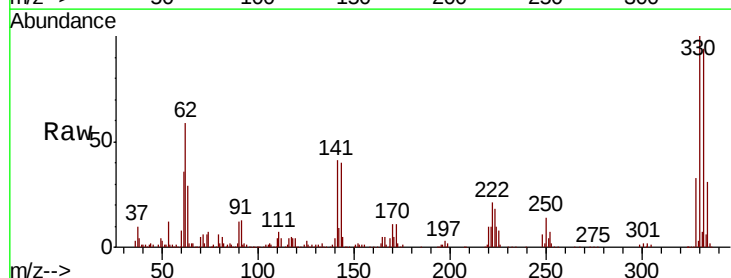
Tgt Ion:330 Resp: 245001

Ion Ratio Lower Upper

330 100

332 96.7 78.3 117.5

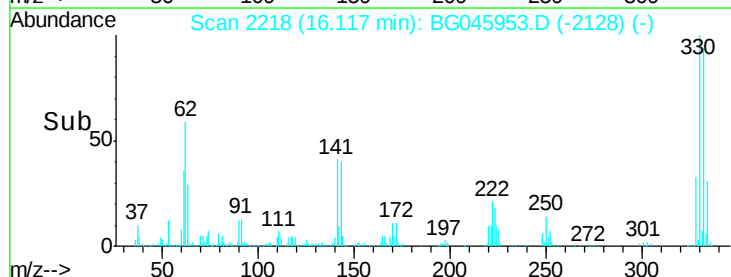
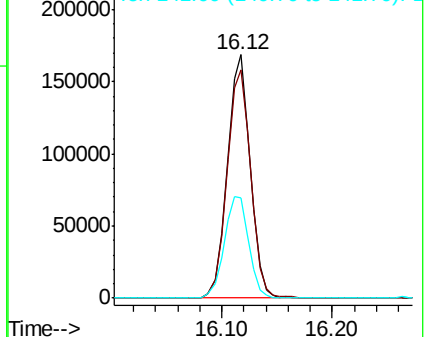
141 44.2 36.6 54.8

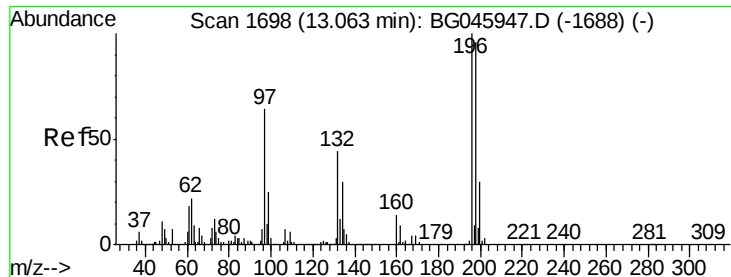


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

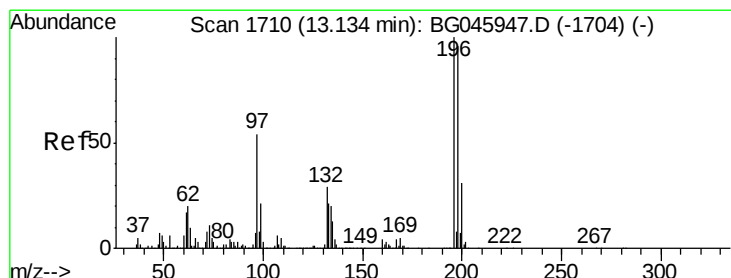
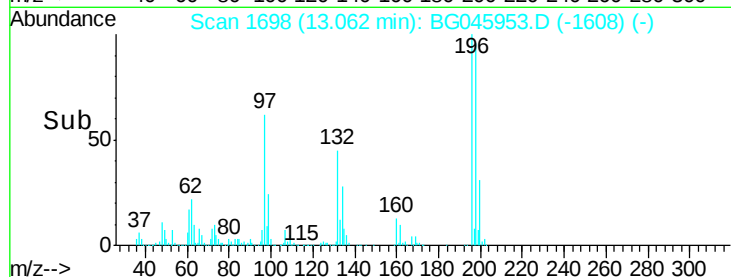
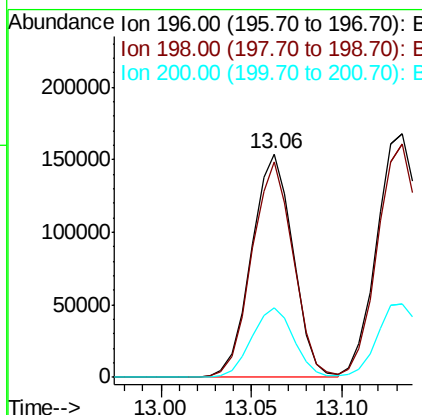
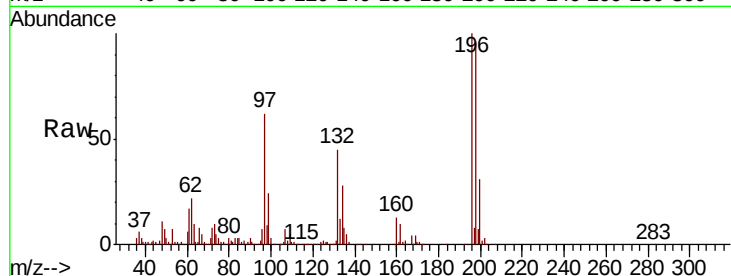




#43
 2,4,6-Trichlorophenol
 Concen: 41.196 ng
 RT: 13.06 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: BG045953.D
 Acq: 7 Jul 2020 9:04

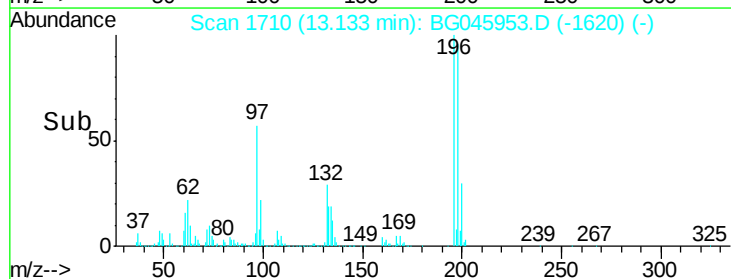
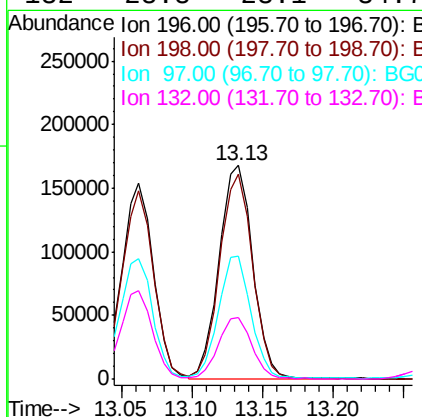
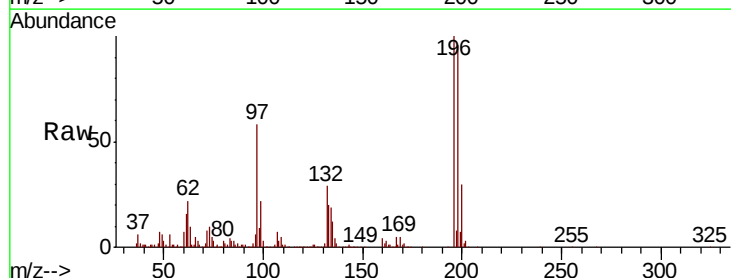
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

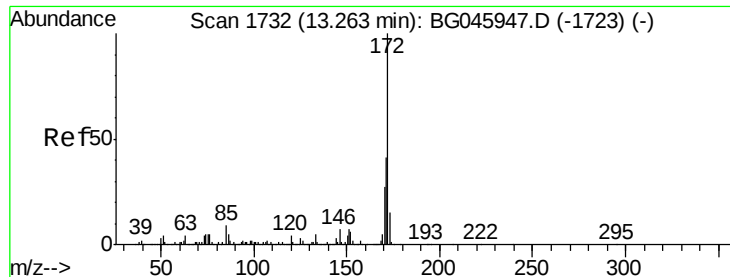
Tot Ion:196 Resp: 245528
 Ion Ratio Lower Upper
 196 100
 198 96.4 76.7 115.1
 200 31.2 24.3 36.5



#44
 2,4,5-Trichlorophenol
 Concen: 41.201 ng
 RT: 13.13 min Scan# 1710
 Delta R.T. -0.00 min
 Lab File: BG045953.D
 Acq: 7 Jul 2020 9:04

Tgt Ion:196 Resp: 277647
 Ion Ratio Lower Upper
 196 100
 198 95.8 77.0 115.6
 97 57.7 44.3 66.5
 132 28.8 23.1 34.7

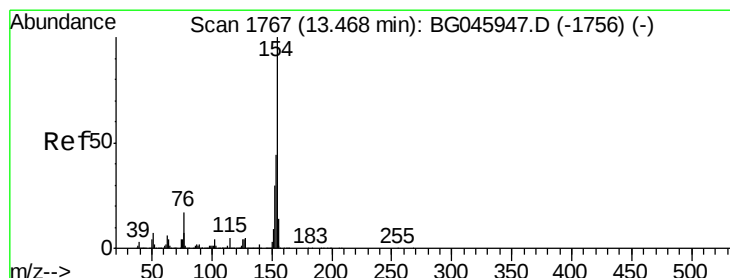
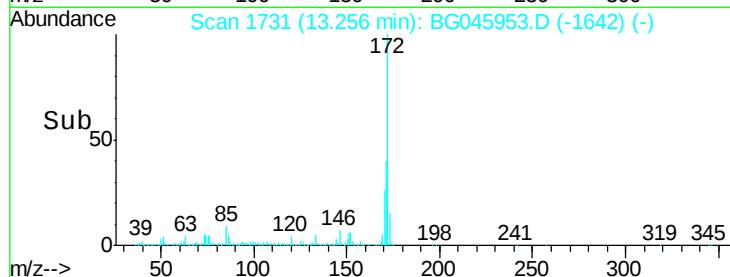
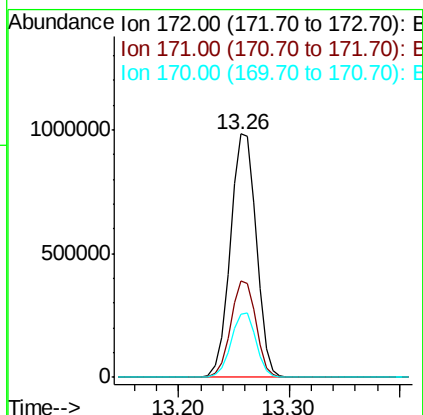
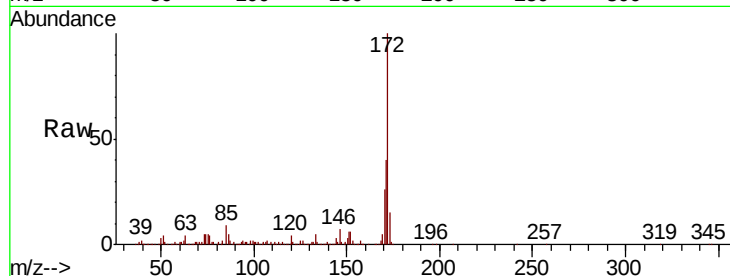




#45
2-Fluorobiphenyl
Concen: 80.705 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.01 min
Lab File: BG045953.D
Acq: 7 Jul 2020 9:04

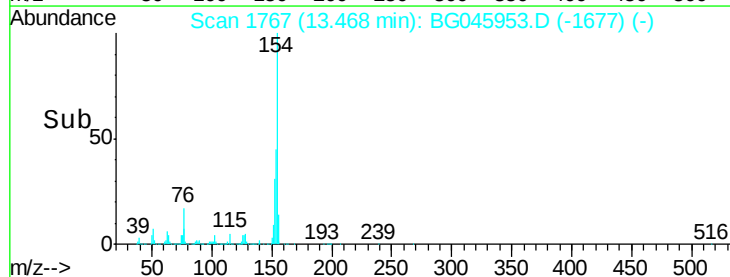
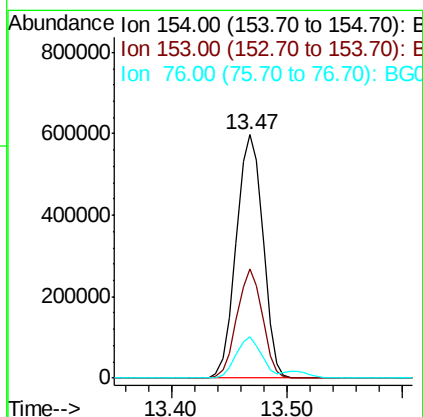
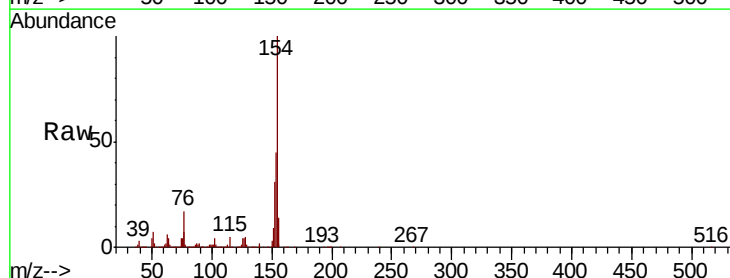
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

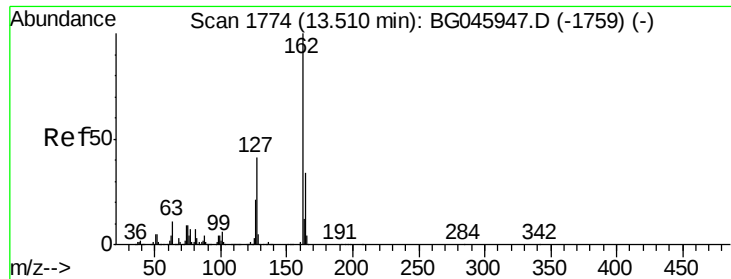
Tot Ion:172 Resp: 1617523
Ion Ratio Lower Upper
172 100
171 39.8 32.9 49.3
170 26.1 21.8 32.6



#46
1,1'-Biphenyl
Concen: 40.562 ng
RT: 13.47 min Scan# 1767
Delta R.T. -0.00 min
Lab File: BG045953.D
Acq: 7 Jul 2020 9:04

Tgt Ion:154 Resp: 953928
Ion Ratio Lower Upper
154 100
153 45.0 23.6 63.6
76 17.1 0.0 36.9

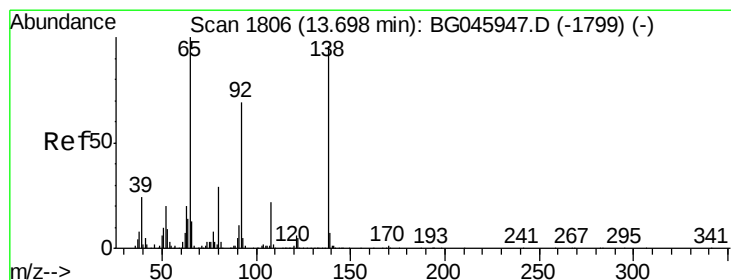
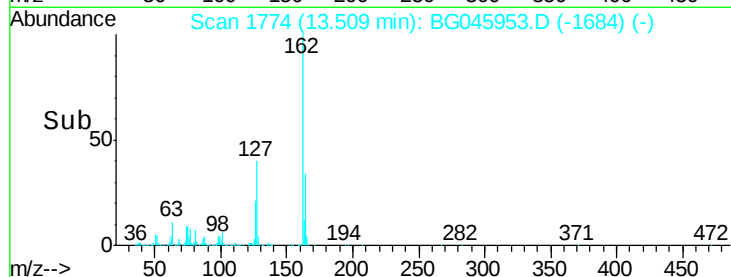
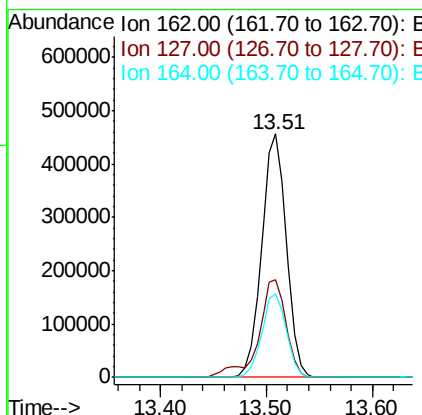
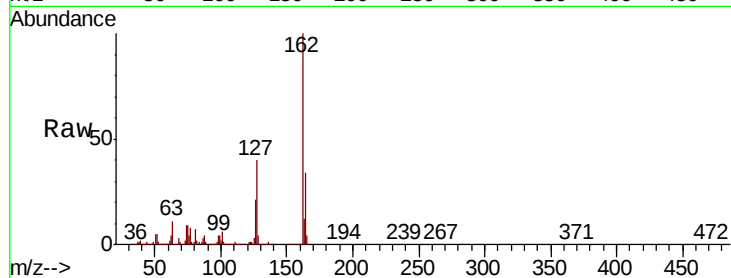




#47
 2-Chloronaphthalene
 Concen: 39.714 ng
 RT: 13.51 min Scan# 1774
 Delta R.T. -0.00 min
 Lab File: BG045953.D
 Acq: 7 Jul 2020 9:04

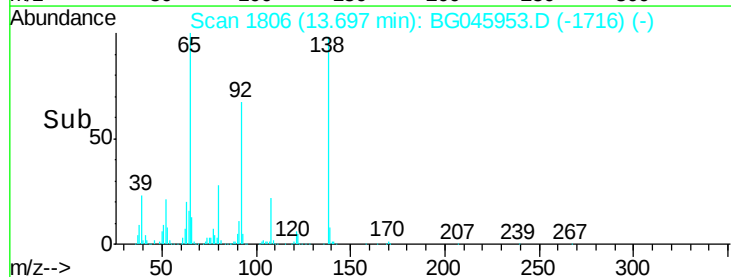
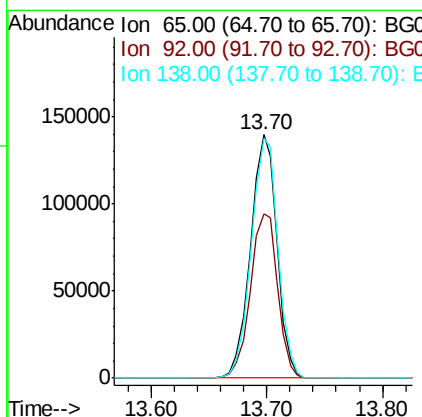
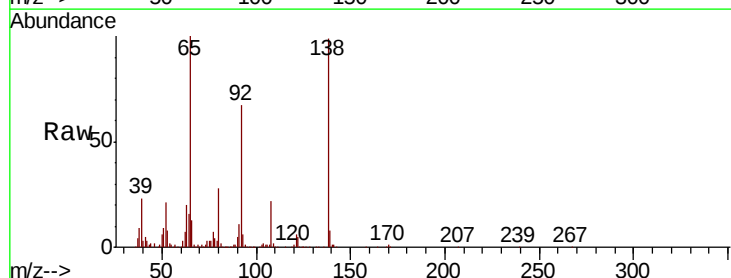
Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

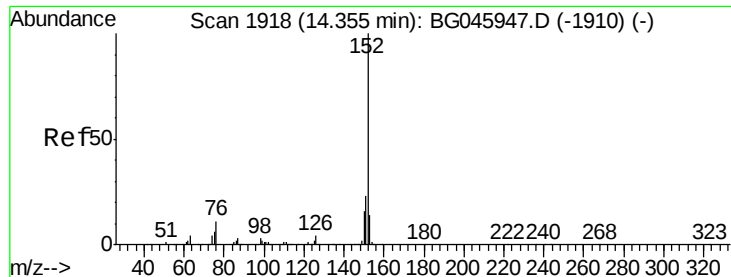
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.2	32.5	48.7
164	34.3	27.2	40.8



#48
 2-Nitroaniline
 Concen: 43.223 ng
 RT: 13.70 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: BG045953.D
 Acq: 7 Jul 2020 9:04

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.4	55.4	83.0
138	98.6	77.0	115.4





#49

Acenaphthylene

Concen: 39.712 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BG045953.D

Acq: 7 Jul 2020 9:04

Instrument :

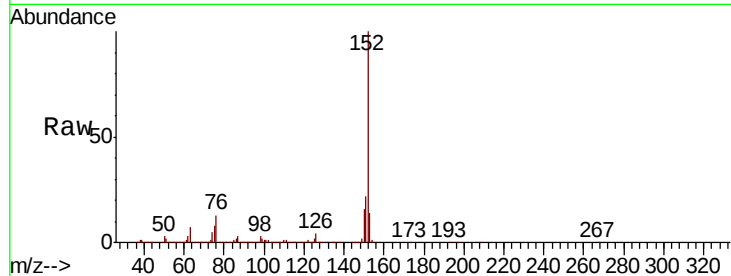
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 1188914

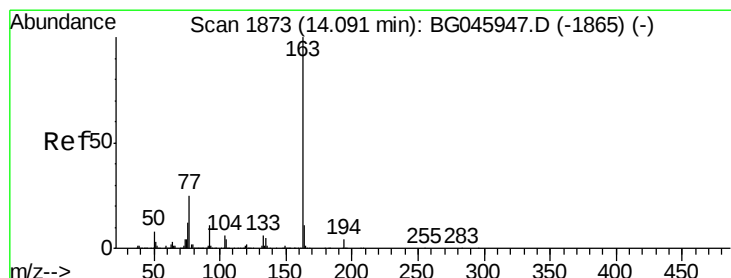
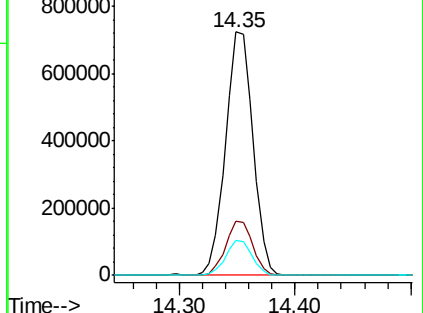
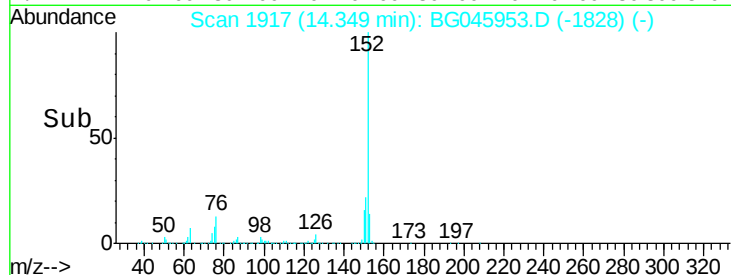
Ion	Ratio	Lower	Upper
152	100		
151	22.3	18.1	27.1
153	14.3	11.5	17.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.759 ng

RT: 14.08 min Scan# 1872

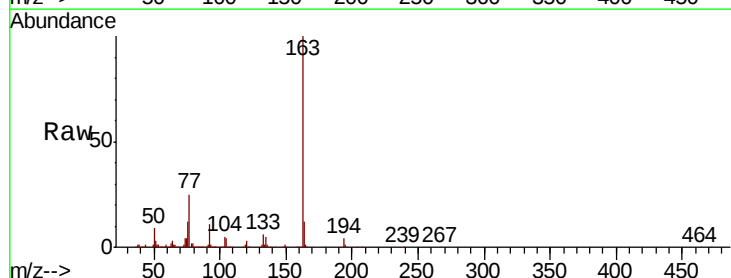
Delta R.T. -0.01 min

Lab File: BG045953.D

Acq: 7 Jul 2020 9:04

Tgt Ion:163 Resp: 932822

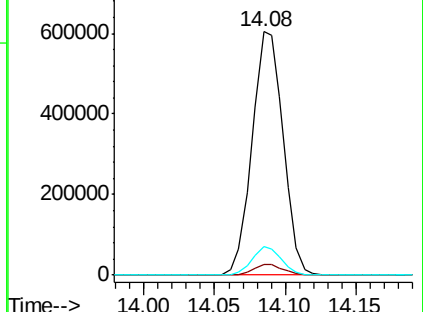
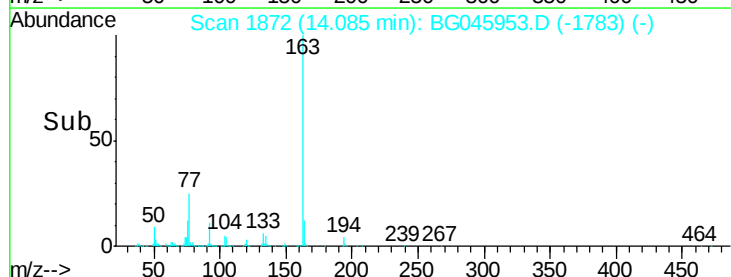
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.6	5.4
164	11.6	8.9	13.3

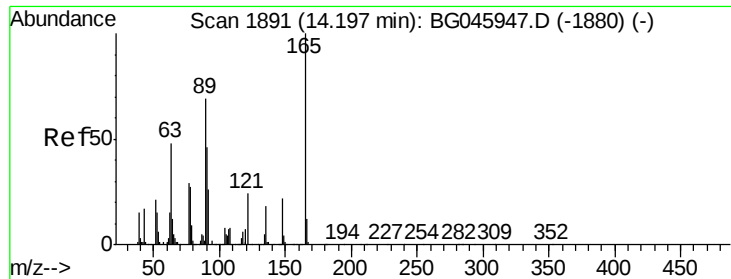


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

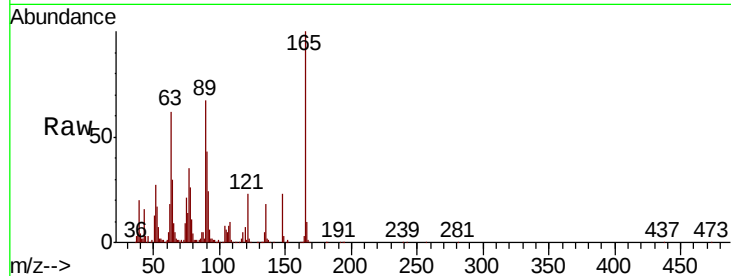




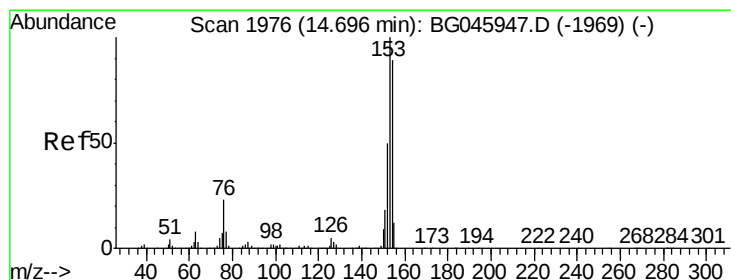
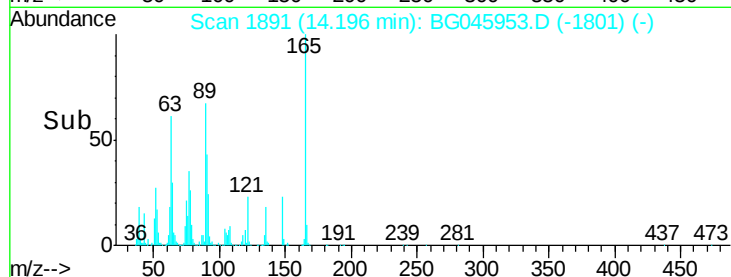
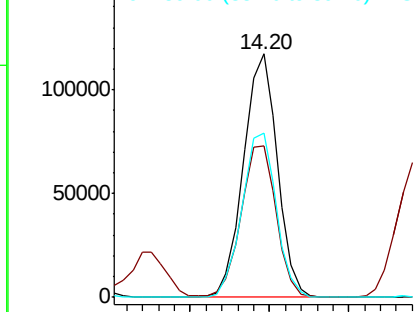
#51
 2,6-Dinitrotoluene
 Concen: 41.833 ng
 RT: 14.20 min Scan# 1891
 Delta R.T. 0.00 min
 Lab File: BG045953.D
 Acq: 7 Jul 2020 9:04

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:165 Resp: 173629
 Ion Ratio Lower Upper
 165 100
 63 62.0 51.0 76.4
 89 67.5 55.7 83.5

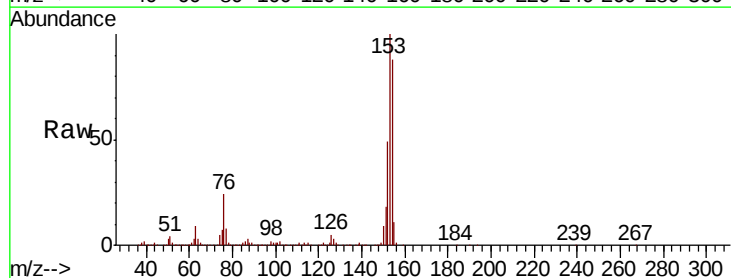


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

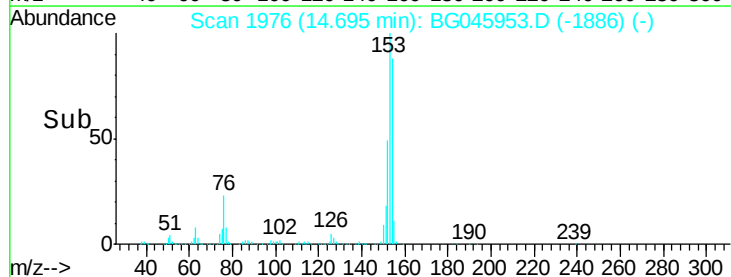
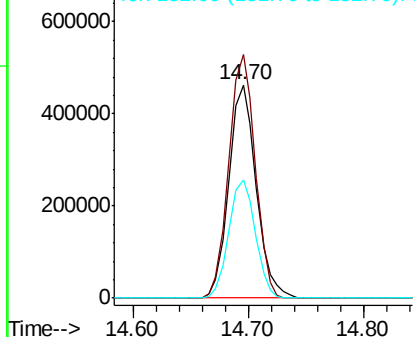


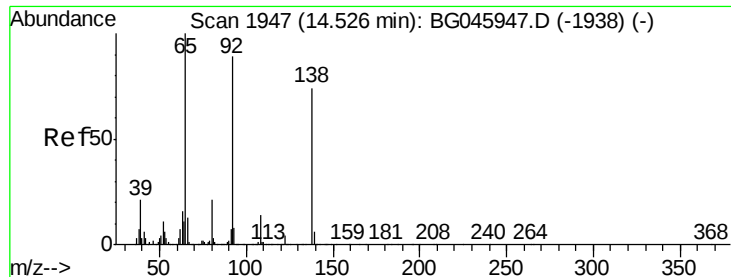
#52
 Acenaphthene
 Concen: 40.284 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. -0.00 min
 Lab File: BG045953.D
 Acq: 7 Jul 2020 9:04

Tgt Ion:154 Resp: 760720
 Ion Ratio Lower Upper
 154 100
 153 114.2 89.7 134.5
 152 55.7 44.7 67.1



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

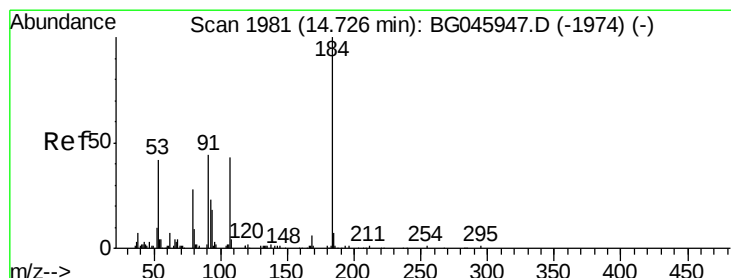
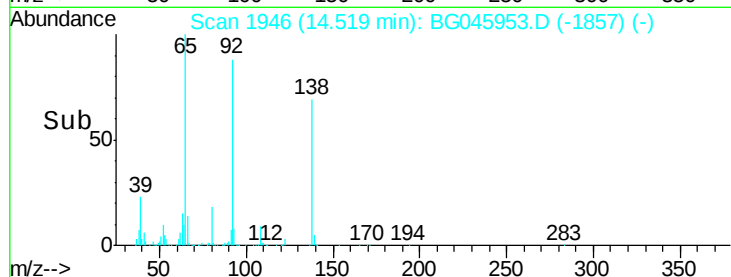
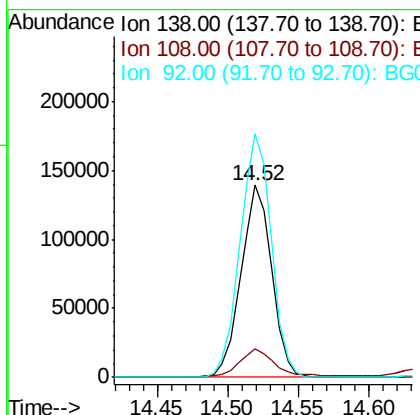
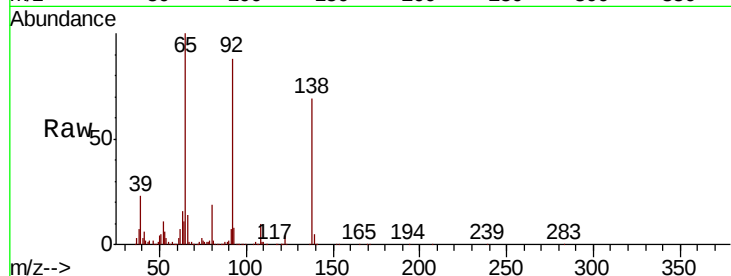




#53
3-Nitroaniline
Concen: 41.480 ng
RT: 14.52 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BG045953.D
Acq: 7 Jul 2020 9:04

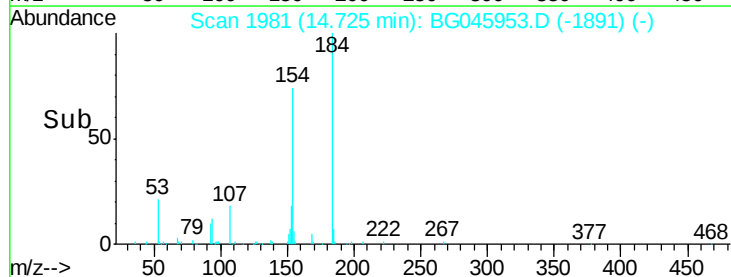
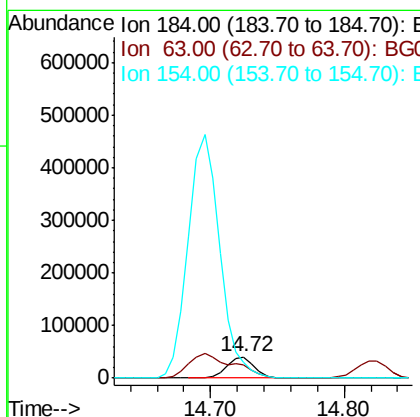
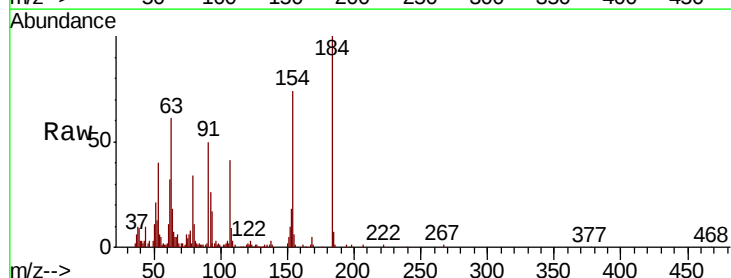
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

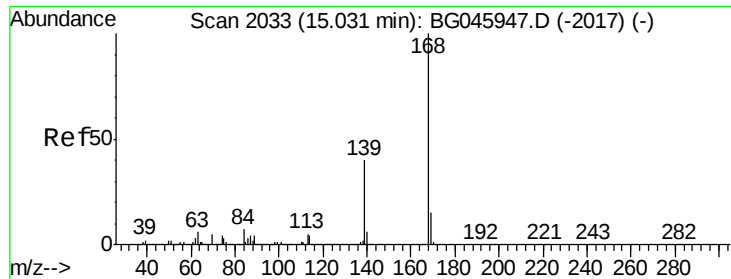
Tot Ion:138 Resp: 211360
Ion Ratio Lower Upper
138 100
108 14.8 15.4 23.2#
92 126.9 95.9 143.9



#54
2,4-Dinitrophenol
Concen: 40.620 ng
RT: 14.72 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BG045953.D
Acq: 7 Jul 2020 9:04

Tgt Ion:184 Resp: 58655
Ion Ratio Lower Upper
184 100
63 61.3 46.0 69.0
154 73.8 58.2 87.2

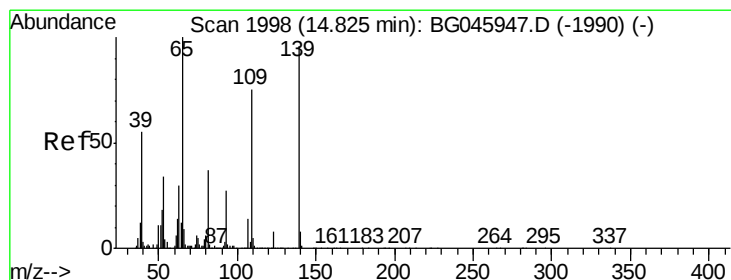
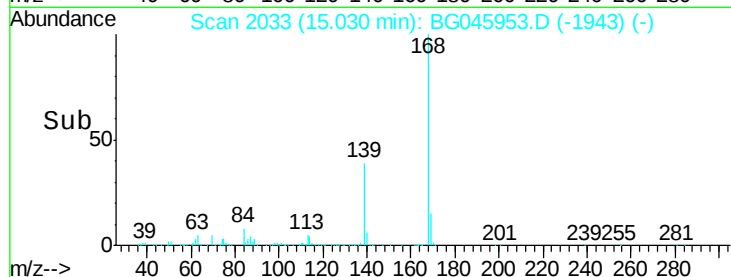
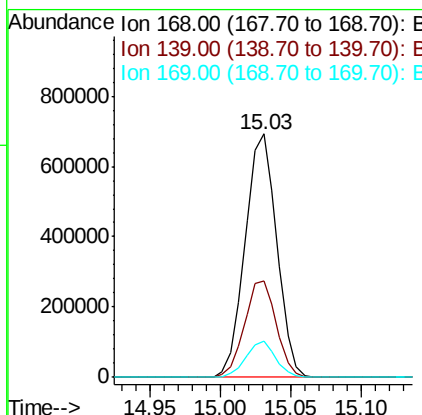
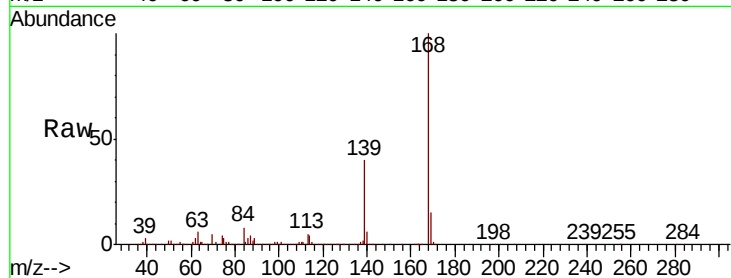




#55
Dibenzofuran
Concen: 39.353 ng
RT: 15.03 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BG045953.D
Acq: 7 Jul 2020 9:04

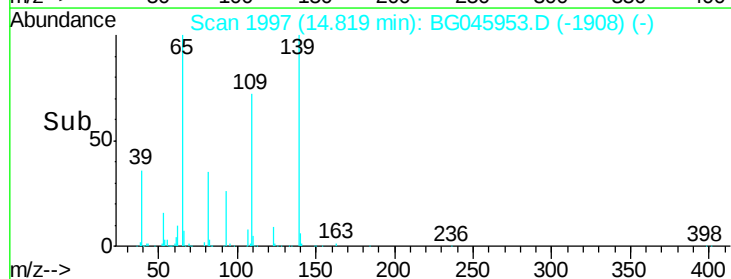
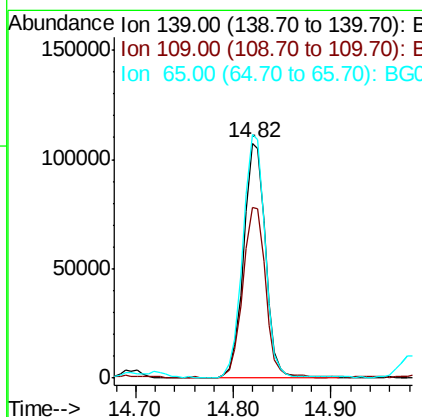
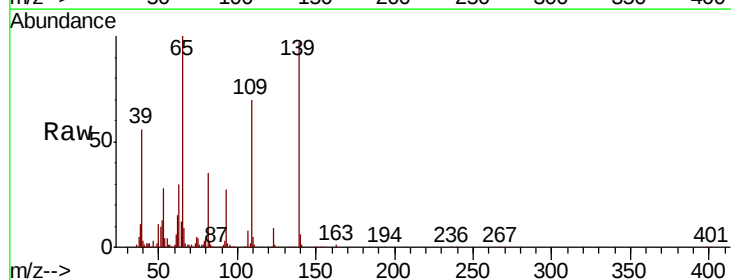
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

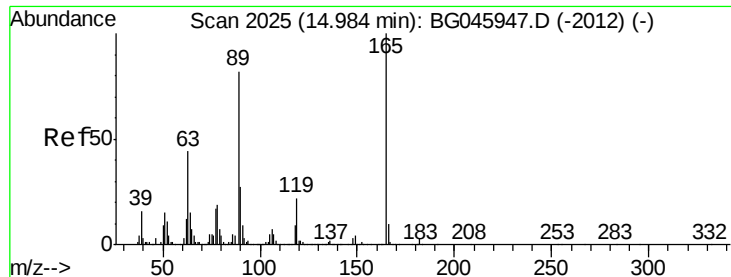
Tot Ion	Ratio	Lower	Upper
168	100		
139	39.6	32.2	48.2
169	14.8	11.8	17.8



#56
4-Nitrophenol
Concen: 43.988 ng
RT: 14.82 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BG045953.D
Acq: 7 Jul 2020 9:04

Tgt Ion	Ratio	Lower	Upper
139	100		
109	72.6	58.5	98.5
65	103.6	84.7	124.7

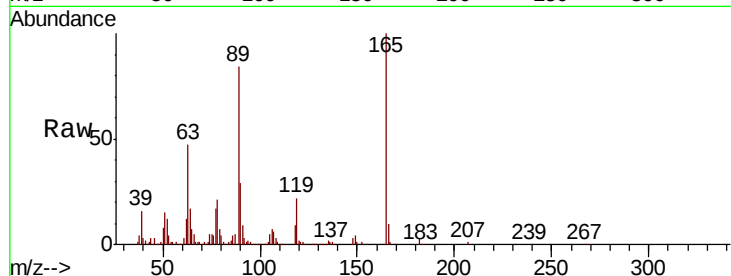




#57
 2,4-Dinitrotoluene
 Concen: 42.577 ng
 RT: 14.98 min Scan# 2025
 Delta R.T. -0.00 min
 Lab File: BG045953.D
 Acq: 7 Jul 2020 9:04

Instrument :
 BNA_G
 ClientSampleId :
 SSTDC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	47.1	35.4	53.0
89	84.1	65.4	98.2
182	2.6	2.0	3.0



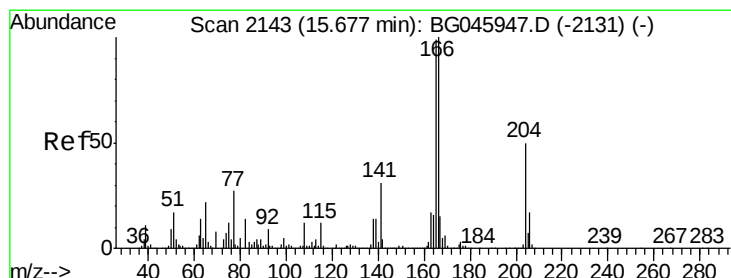
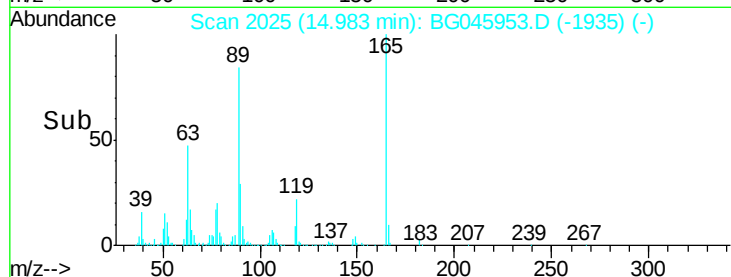
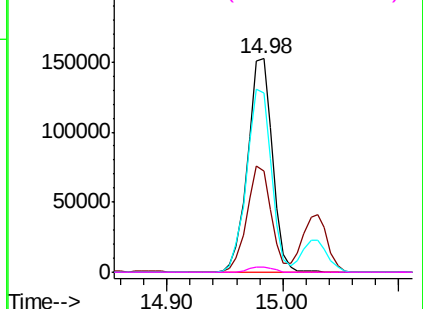
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

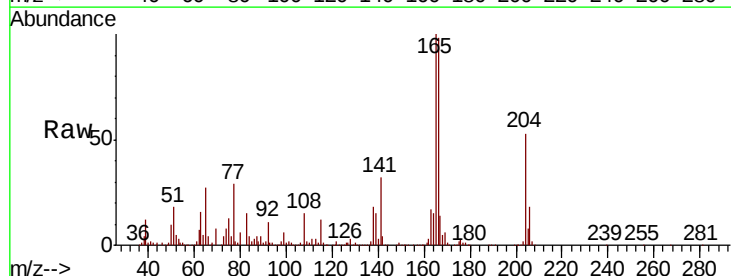
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 39.109 ng
 RT: 15.68 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: BG045953.D
 Acq: 7 Jul 2020 9:04

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.8	78.9	118.3
167	14.7	12.1	18.1

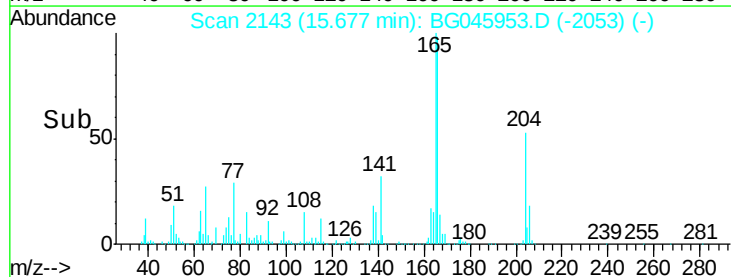
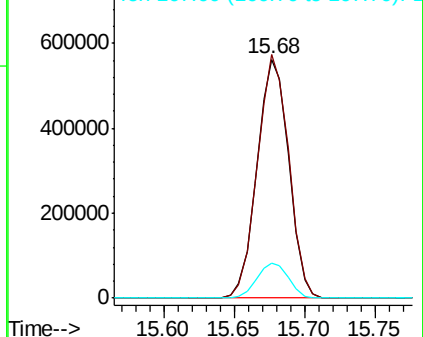


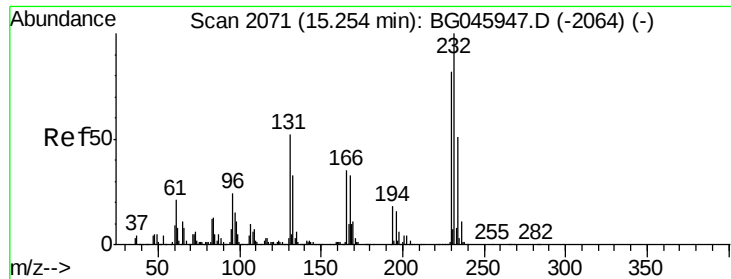
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 41.740 ng

RT: 15.17 min Scan# 2057

Delta R.T. -0.08 min

Lab File: BG045953.D

Acq: 7 Jul 2020 9:04

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:232 Resp: 217170

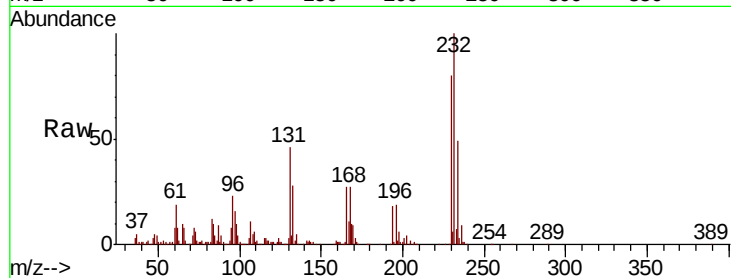
Ion Ratio Lower Upper

232 100

131 44.8 35.8 53.6

130 3.0 2.5 3.7

166 26.3 21.8 32.8

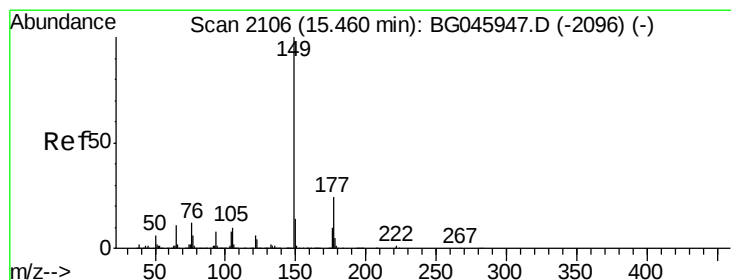
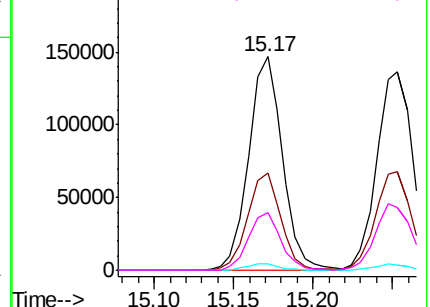
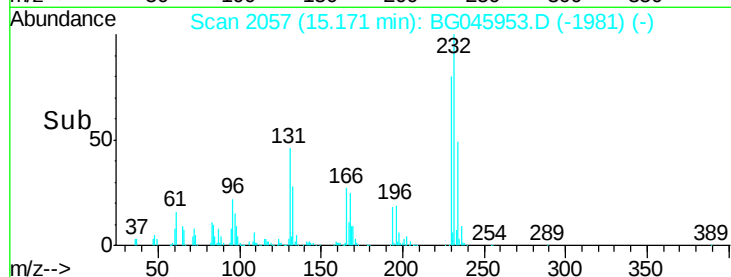


Abundance Ion 232.00 (231.70 to 232.70): E

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: 39.184 ng

RT: 15.45 min Scan# 2105

Delta R.T. -0.01 min

Lab File: BG045953.D

Acq: 7 Jul 2020 9:04

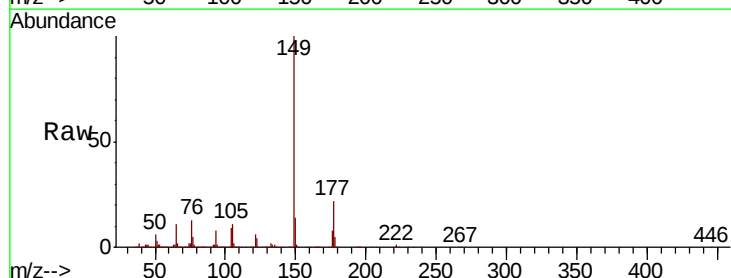
Tgt Ion:149 Resp: 964126

Ion Ratio Lower Upper

149 100

177 22.1 19.0 28.4

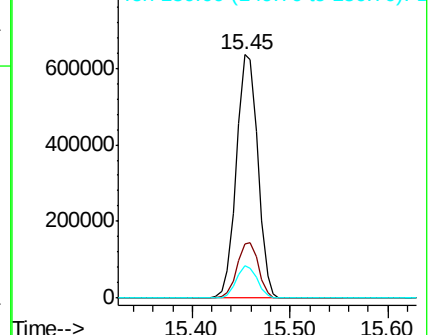
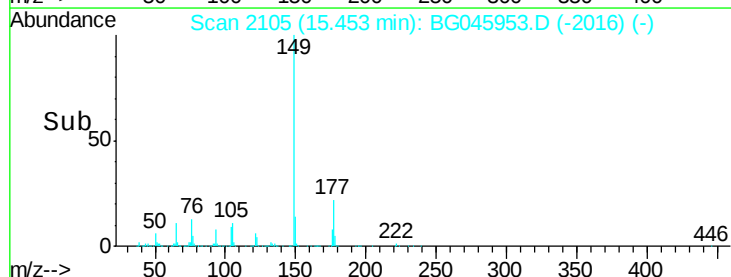
150 13.5 11.0 16.4

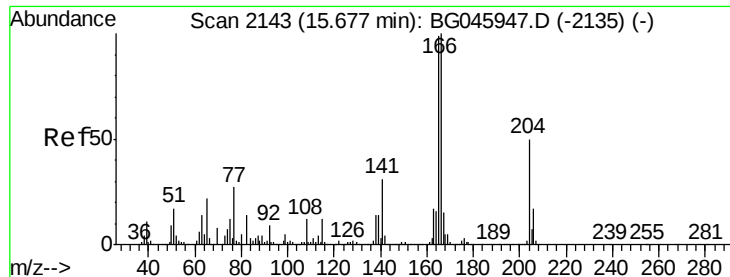


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

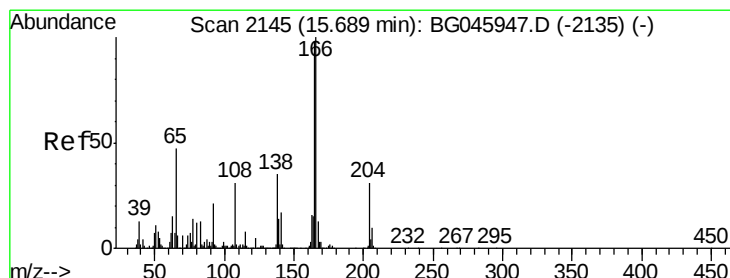
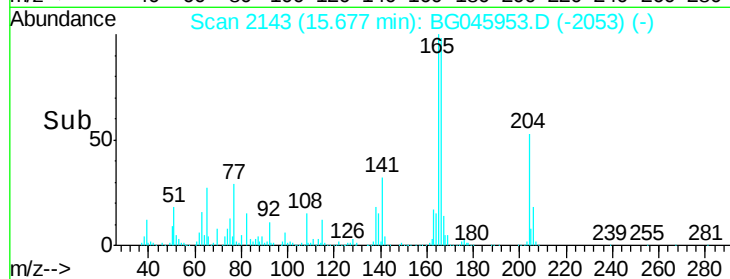
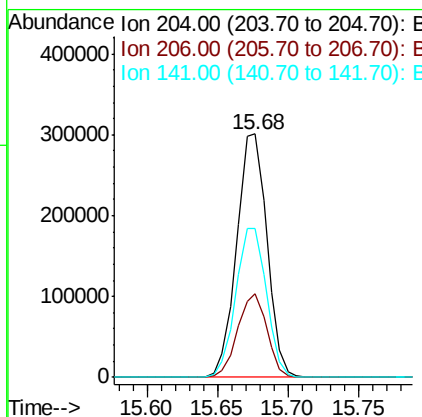
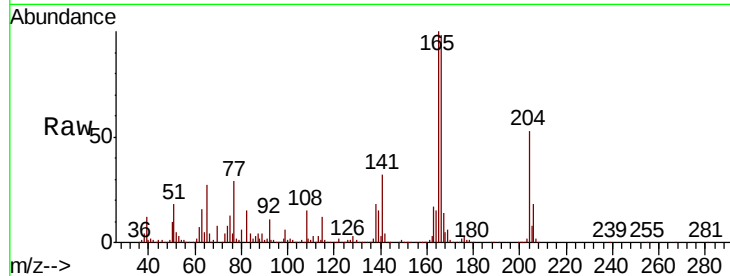




#61
 4-Chlorophenyl-phenylether
 Concen: 39.888 ng
 RT: 15.68 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: BG045953.D
 Acq: 7 Jul 2020 9:04

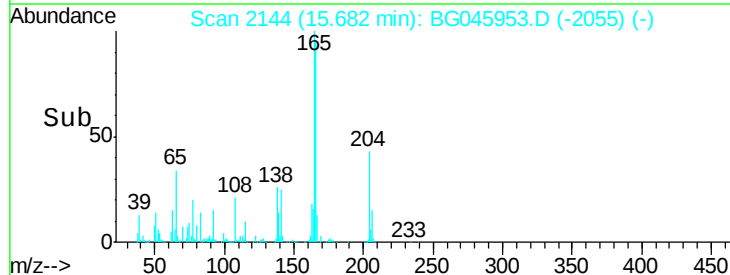
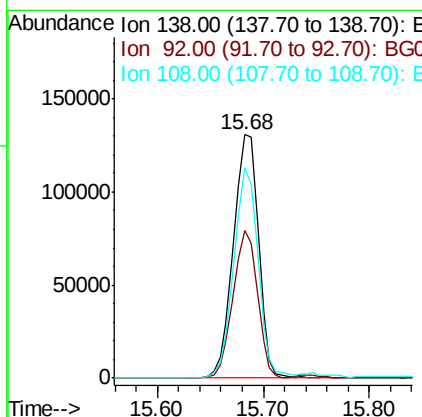
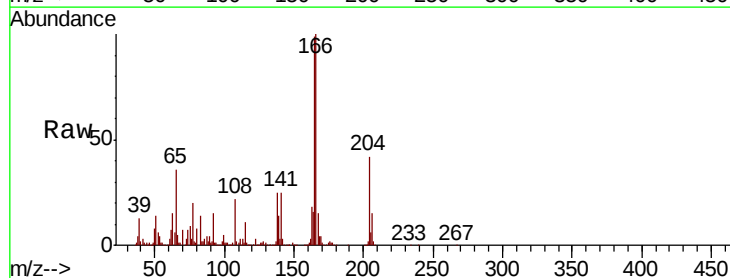
Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

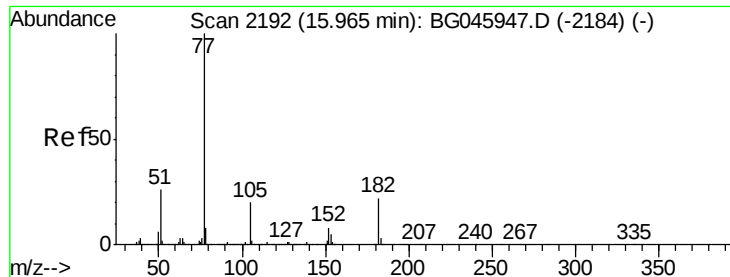
Tot Ion:204 Resp: 450619
 Ion Ratio Lower Upper
 204 100
 206 34.5 27.1 40.7
 141 61.1 49.8 74.8



#62
 4-Nitroaniline
 Concen: 44.307 ng
 RT: 15.68 min Scan# 2144
 Delta R.T. -0.01 min
 Lab File: BG045953.D
 Acq: 7 Jul 2020 9:04

Tgt Ion:138 Resp: 214852
 Ion Ratio Lower Upper
 138 100
 92 60.5 40.3 80.3
 108 86.4 68.0 108.0





#63

Azobenzene

Concen: 39.783 ng

RT: 15.96 min Scan# 2192

Delta R.T. -0.00 min

Lab File: BG045953.D

Acq: 7 Jul 2020 9:04

Instrument :

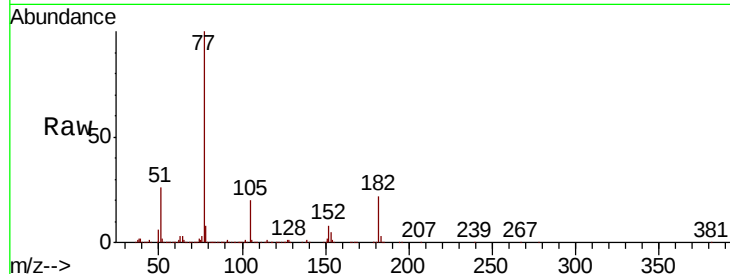
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 1050617

Ion	Ratio	Lower	Upper
77	100		
182	22.2	2.4	42.4
105	20.2	0.3	40.3
51	25.6	6.3	46.3

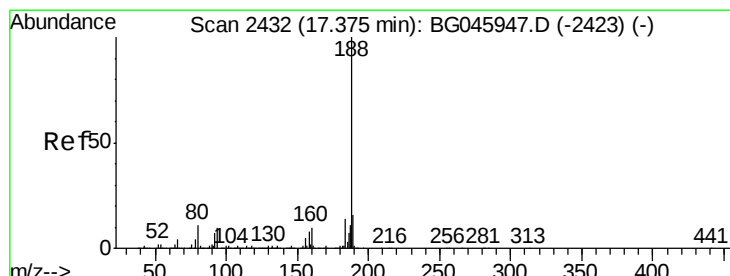
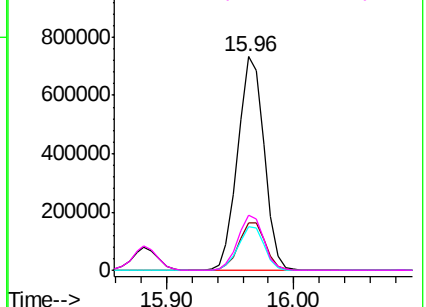
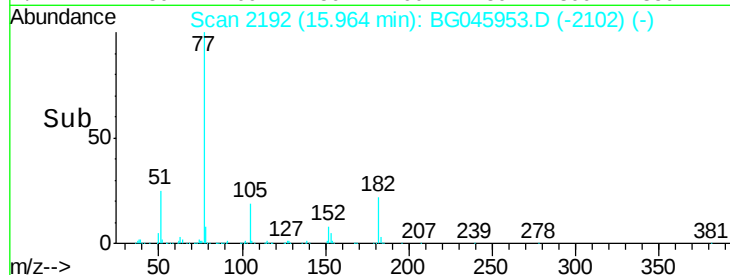


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.37 min Scan# 2432

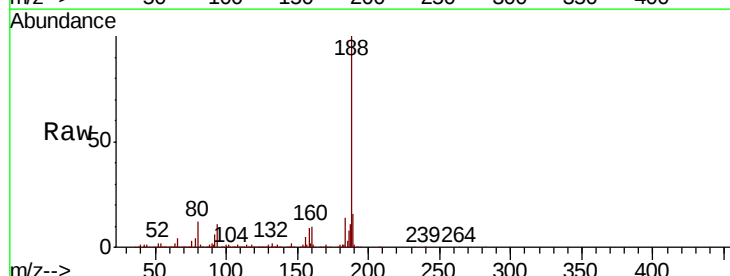
Delta R.T. -0.00 min

Lab File: BG045953.D

Acq: 7 Jul 2020 9:04

Tgt Ion: 188 Resp: 632628

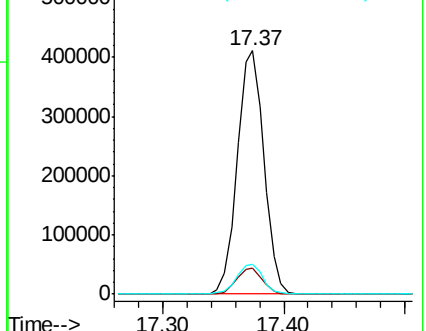
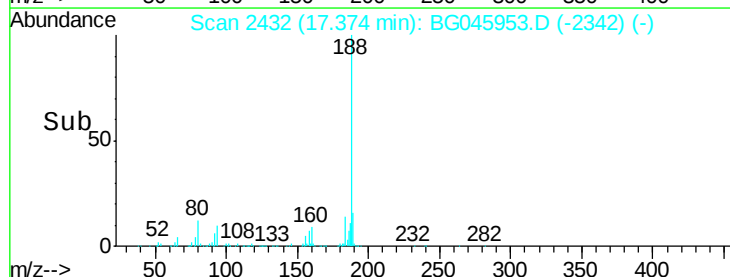
Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.2	12.4
80	12.2	9.0	13.6

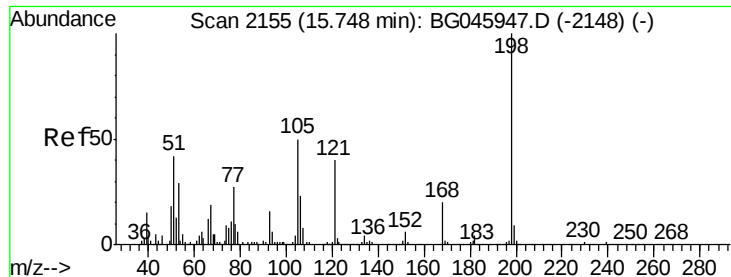


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

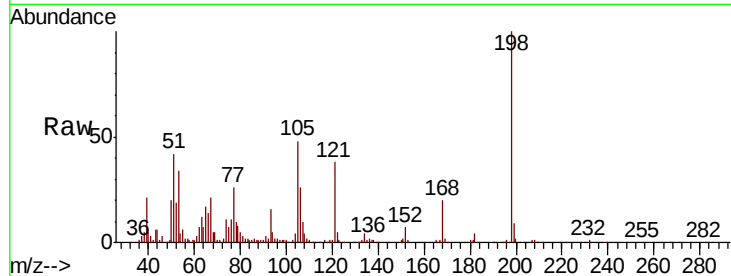




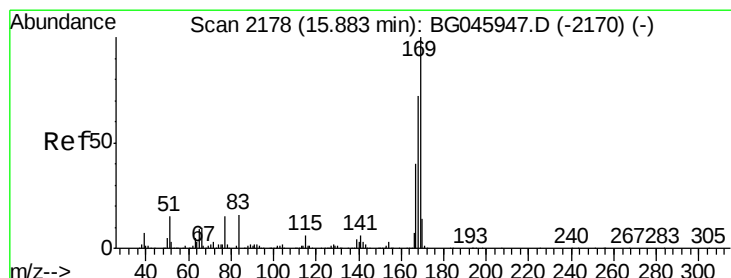
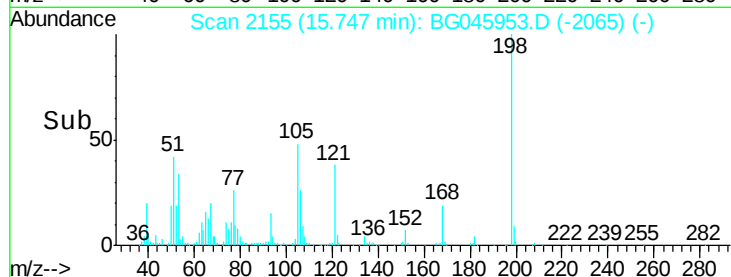
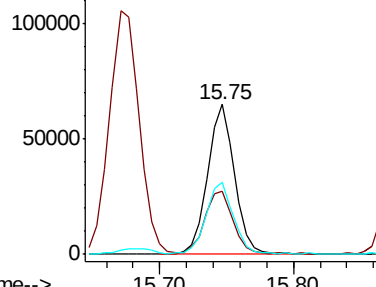
#65
 4,6-Dinitro-2-methylphenol
 Concen: 42.419 ng
 RT: 15.75 min Scan# 2155
 Delta R.T. -0.00 min
 Lab File: BG045953.D
 Acq: 7 Jul 2020 9:04

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
198	100		
51	41.9	24.5	64.5
105	48.0	30.9	70.9

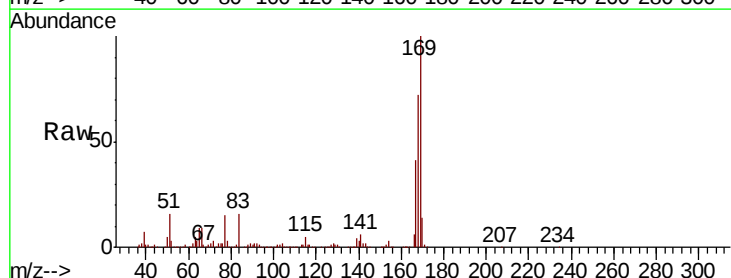


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG045947.D (-2148) (-)
 Ion 105.00 (104.70 to 105.70): E

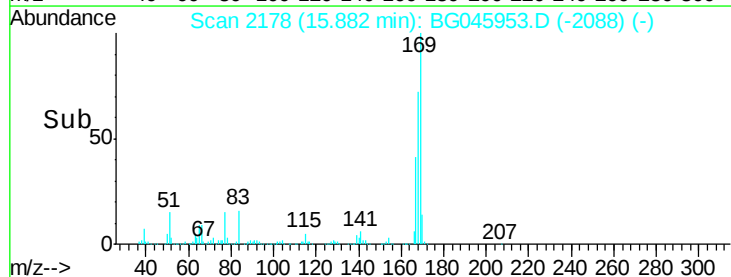
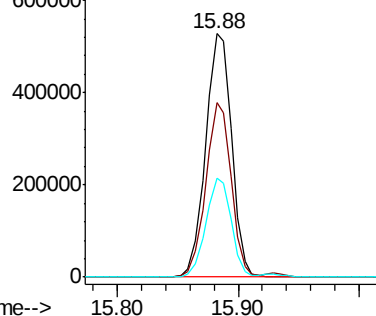


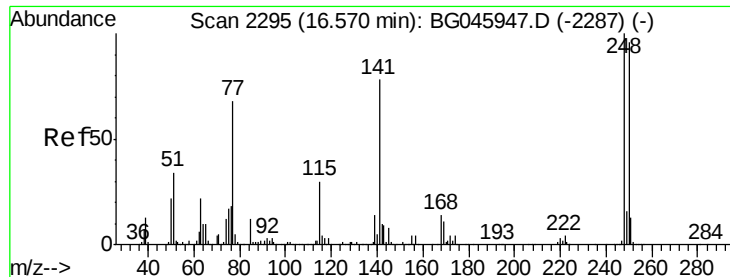
#66
 n-Nitrosodiphenylamine
 Concen: 40.333 ng
 RT: 15.88 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: BG045953.D
 Acq: 7 Jul 2020 9:04

Tgt Ion	Ratio	Lower	Upper
169	100		
168	71.7	57.3	85.9
167	40.7	32.1	48.1



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

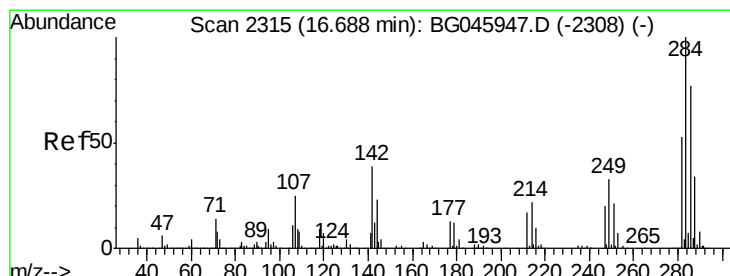
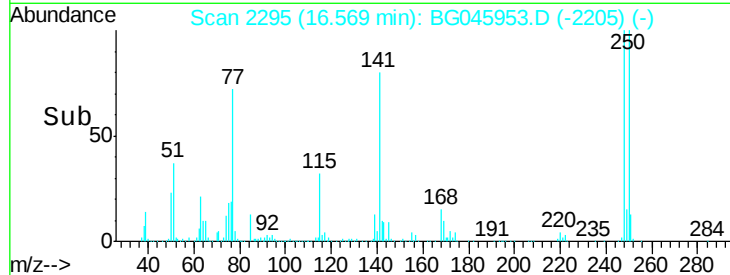
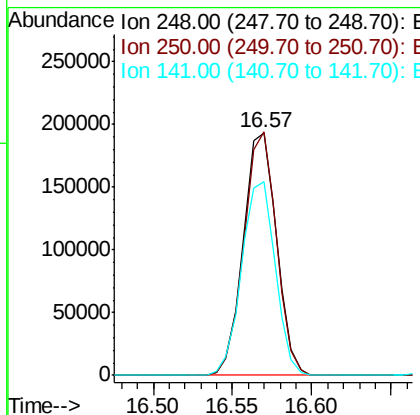
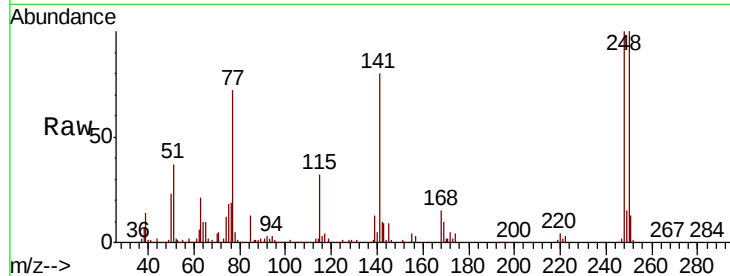




#67
 4-Bromophenyl-phenylether
 Concen: 39.929 ng
 RT: 16.57 min Scan# 2295
 Delta R.T. -0.00 min
 Lab File: BG045953.D
 Acq: 7 Jul 2020 9:04

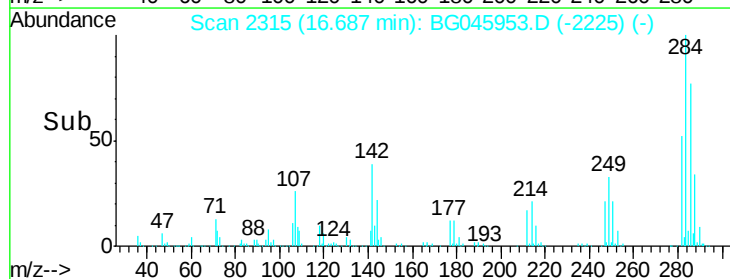
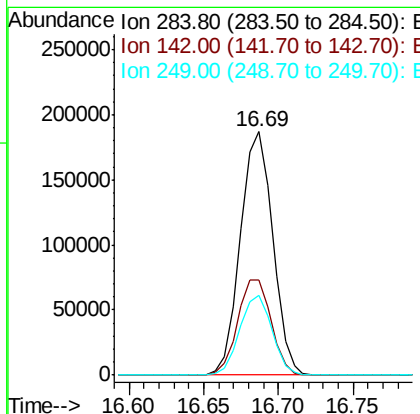
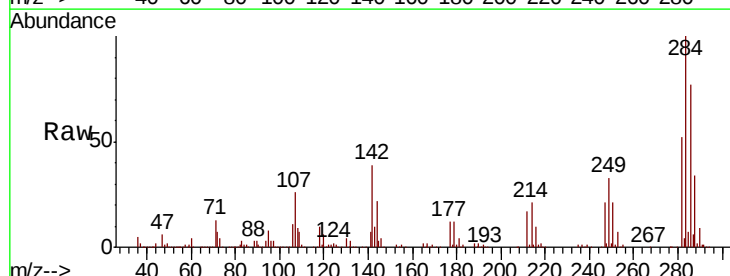
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:248	Resp:	282118
Ion Ratio	Lower	Upper
248	100	
250	100.4	76.6 114.8
141	80.0	62.7 94.1



#68
 Hexachlorobenzene
 Concen: 39.731 ng
 RT: 16.69 min Scan# 2315
 Delta R.T. -0.00 min
 Lab File: BG045953.D
 Acq: 7 Jul 2020 9:04

Tgt Ion:284	Resp:	281699
Ion Ratio	Lower	Upper
284	100	
142	39.0	31.3 46.9
249	32.6	26.8 40.2

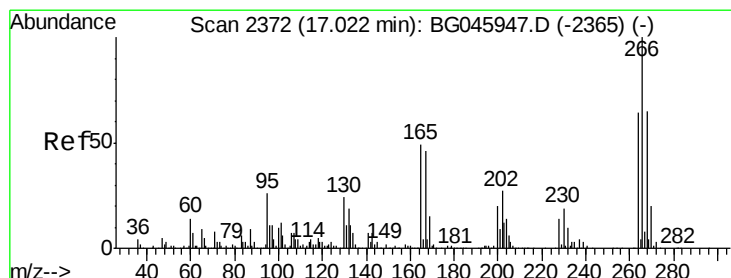
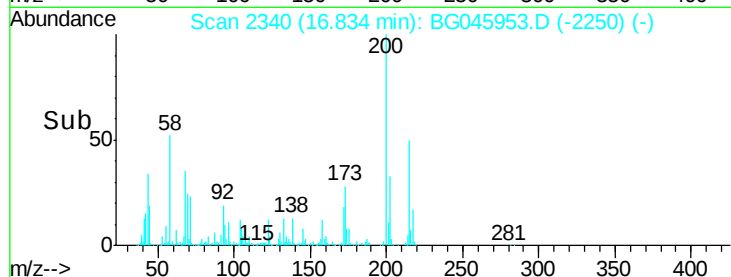
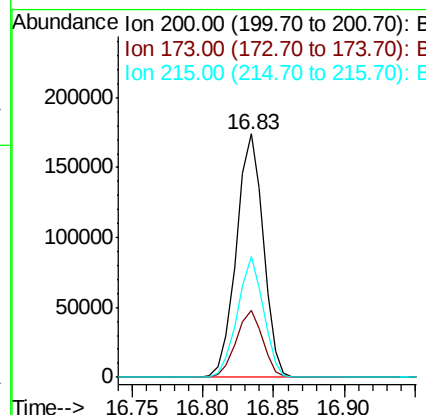
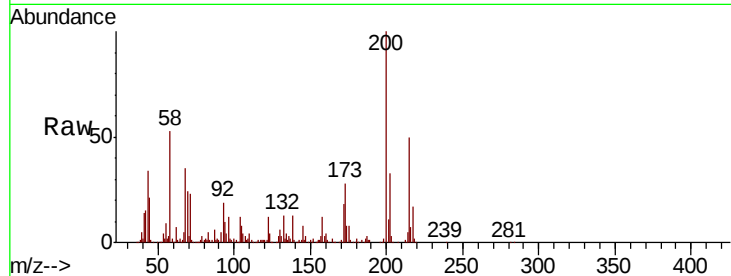




#69
 Atrazine
 Concen: 39.855 ng
 RT: 16.83 min Scan# 2340
 Delta R.T. -0.00 min
 Lab File: BG045953.D
 Acq: 7 Jul 2020 9:04

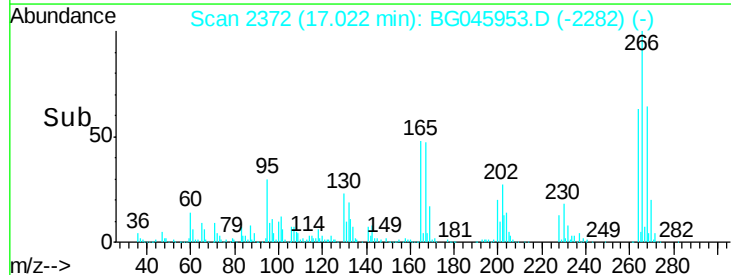
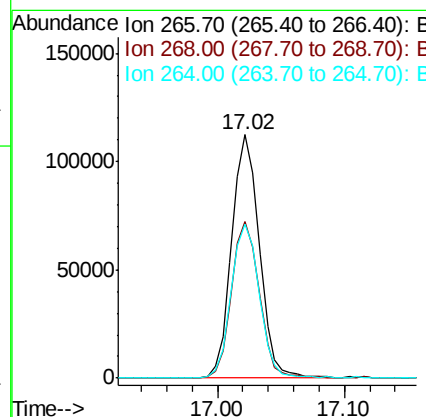
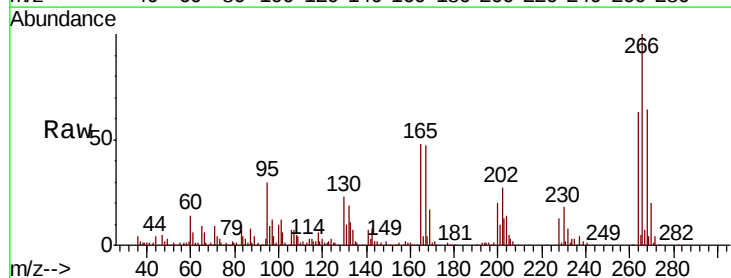
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

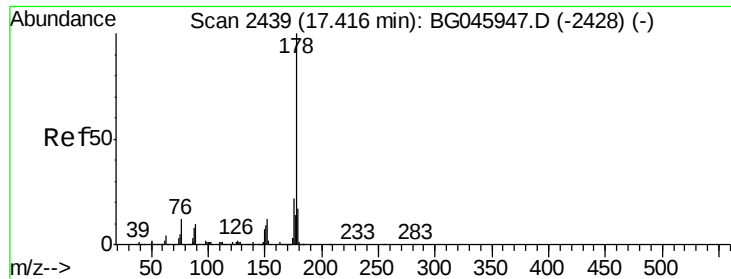
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.5	9.1	49.1
215	49.8	28.8	68.8



#70
 Pentachlorophenol
 Concen: 43.077 ng
 RT: 17.02 min Scan# 2372
 Delta R.T. -0.00 min
 Lab File: BG045953.D
 Acq: 7 Jul 2020 9:04

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.5	51.8	77.8
264	63.4	51.4	77.0

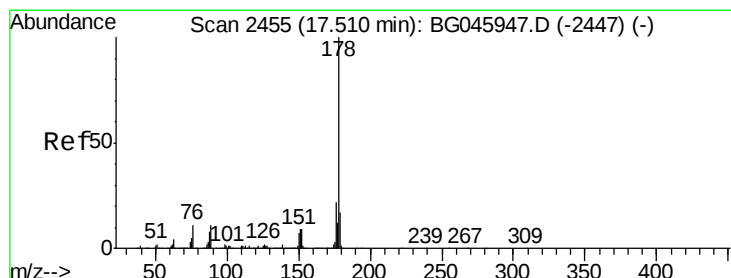
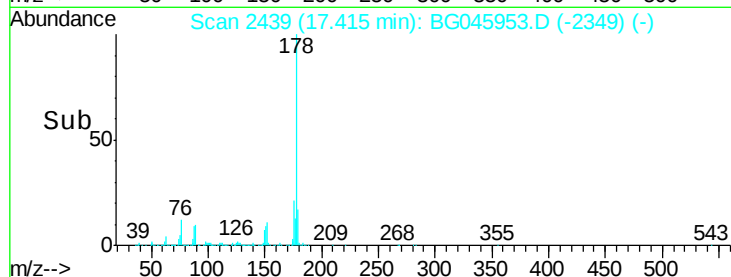
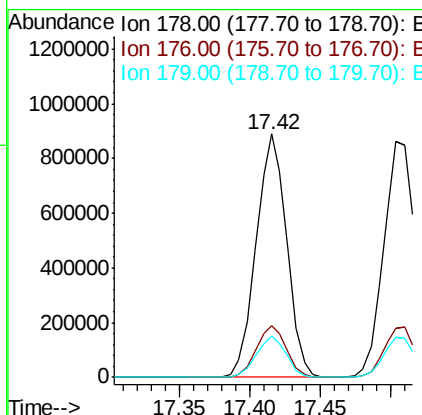
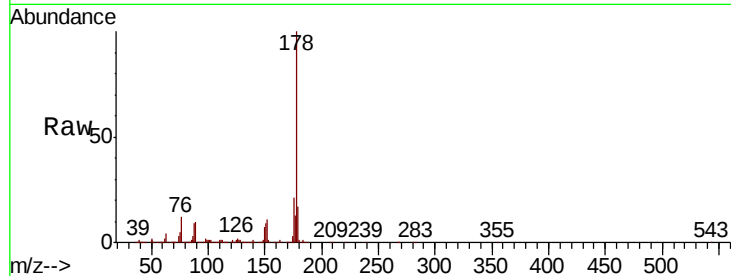




#71
Phenanthrene
Concen: 40.274 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG045953.D
Acq: 7 Jul 2020 9:04

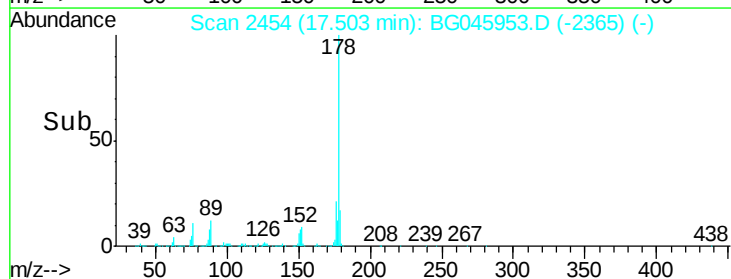
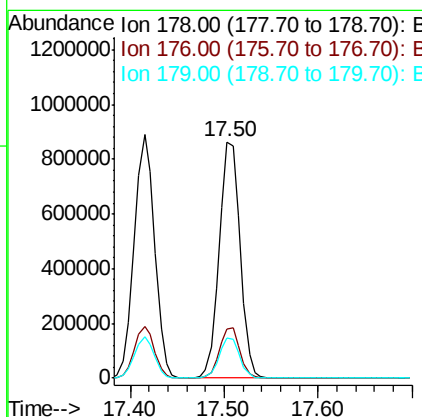
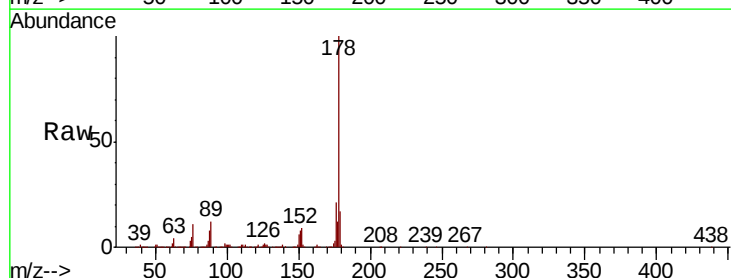
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

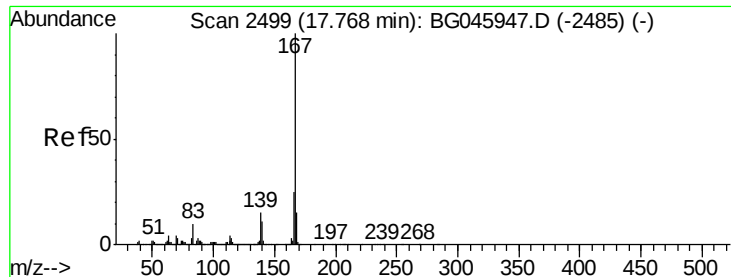
Tot Ion:178 Resp: 1346969
Ion Ratio Lower Upper
178 100
176 21.3 17.4 26.2
179 17.0 13.4 20.2



#72
Anthracene
Concen: 39.466 ng
RT: 17.50 min Scan# 2454
Delta R.T. -0.01 min
Lab File: BG045953.D
Acq: 7 Jul 2020 9:04

Tgt Ion:178 Resp: 1339547
Ion Ratio Lower Upper
178 100
176 21.0 17.2 25.8
179 16.8 14.0 21.0

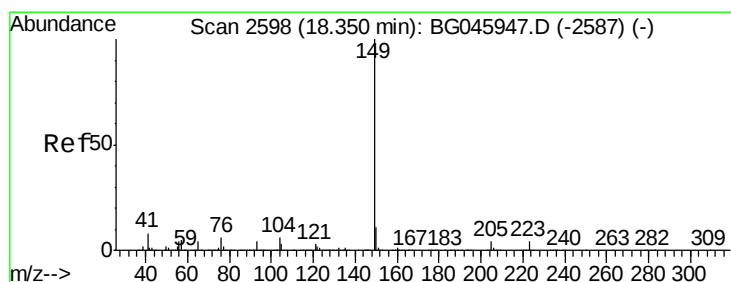
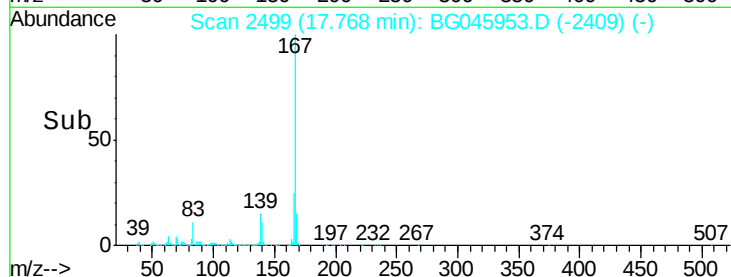
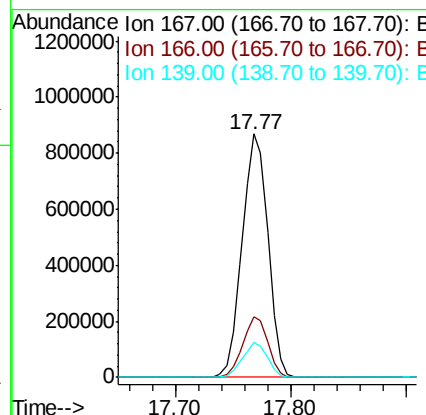
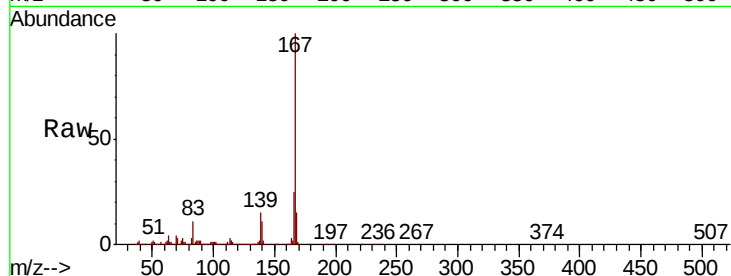




#73
 Carbazole
 Concen: 39.451 ng
 RT: 17.77 min Scan# 2499
 Delta R.T. -0.00 min
 Lab File: BG045953.D
 Acq: 7 Jul 2020 9:04

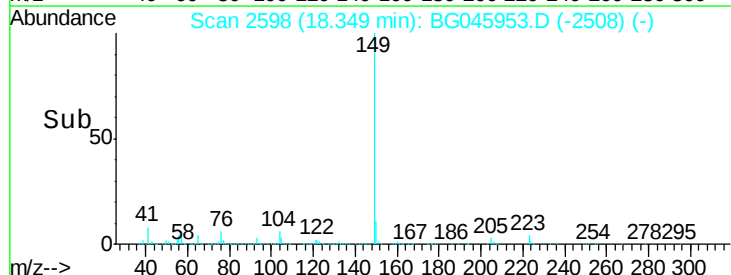
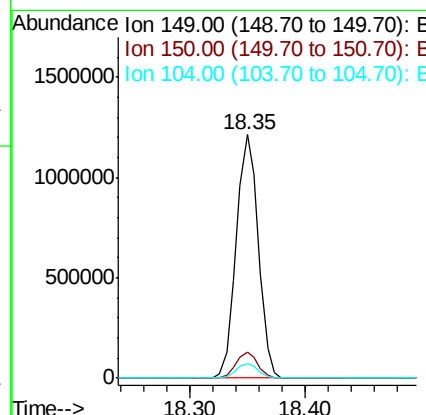
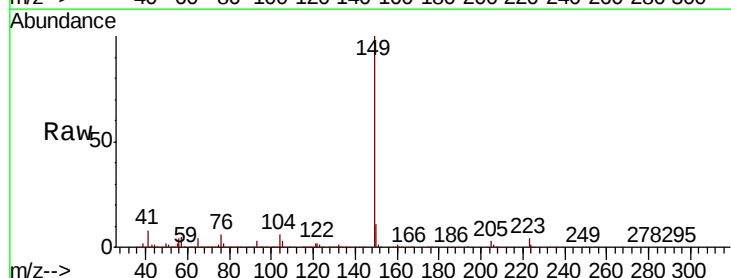
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

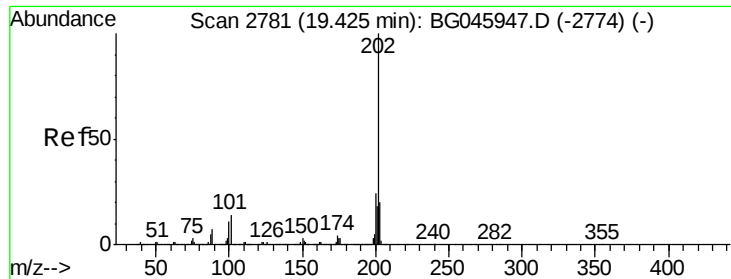
Tot Ion:167 Resp: 1342166
 Ion Ratio Lower Upper
 167 100
 166 25.1 20.4 30.6
 139 14.6 11.8 17.8



#74
 Di-n-butylphthalate
 Concen: 38.918 ng
 RT: 18.35 min Scan# 2598
 Delta R.T. -0.00 min
 Lab File: BG045953.D
 Acq: 7 Jul 2020 9:04

Tgt Ion:149 Resp: 1599970
 Ion Ratio Lower Upper
 149 100
 150 10.6 9.0 13.4
 104 6.0 5.2 7.8





#75

Fluoranthene

Concen: 39.346 ng

RT: 19.42 min Scan# 2781

Delta R.T. -0.00 min

Lab File: BG045953.D

Acq: 7 Jul 2020 9:04

Instrument :

BNA_G

ClientSampled :

SSTDCCC040

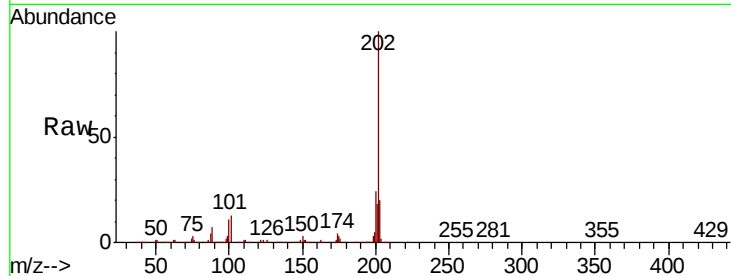
Tot Ion:202 Resp: 1521231

Ion Ratio Lower Upper

202 100

101 13.0 0.0 33.8

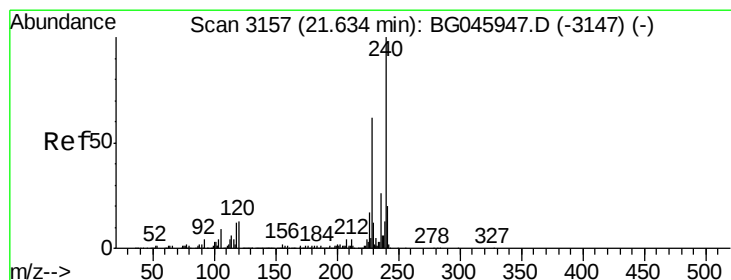
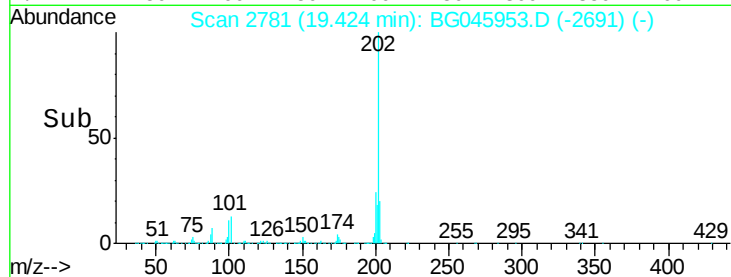
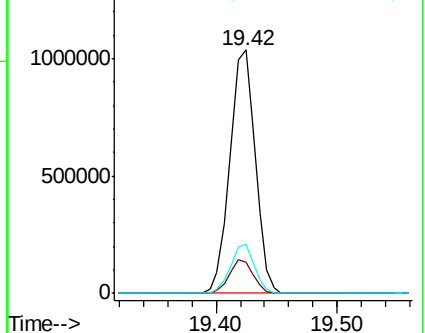
203 20.2 0.4 40.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.63 min Scan# 3157

Delta R.T. -0.00 min

Lab File: BG045953.D

Acq: 7 Jul 2020 9:04

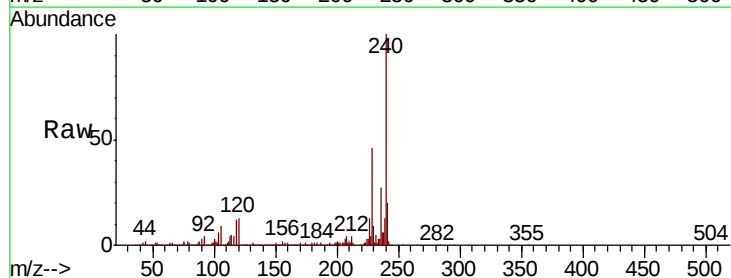
Tgt Ion:240 Resp: 541943

Ion Ratio Lower Upper

240 100

120 13.0 10.6 16.0

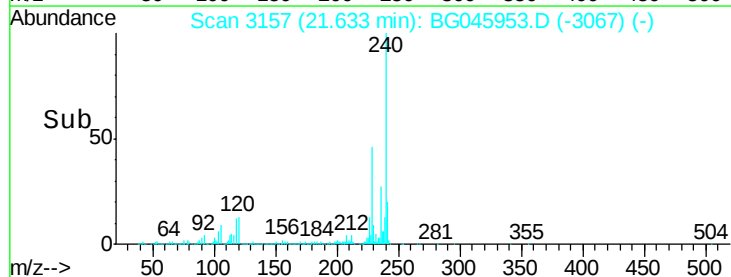
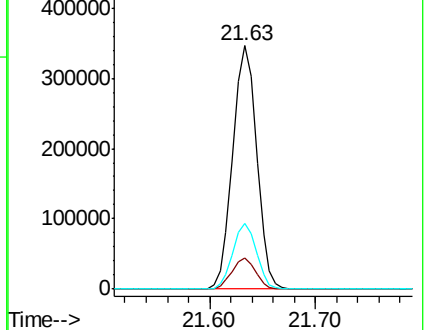
236 27.0 20.4 30.6

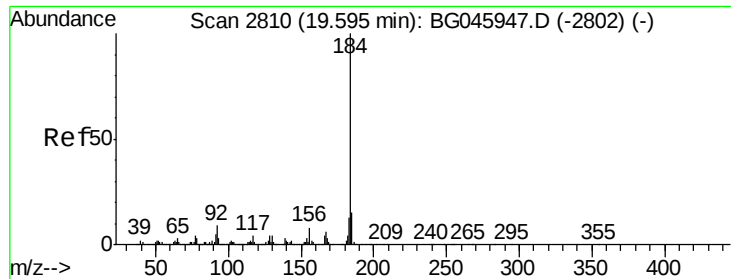


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 44.862 ng

RT: 19.59 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BG045953.D

Acq: 7 Jul 2020 9:04

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

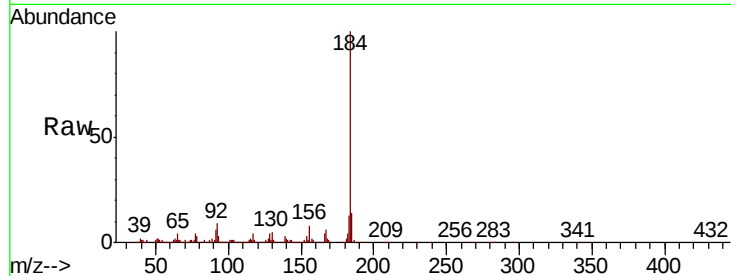
Tot Ion:184 Resp: 695165

Ion Ratio Lower Upper

184 100

185 14.4 11.6 17.4

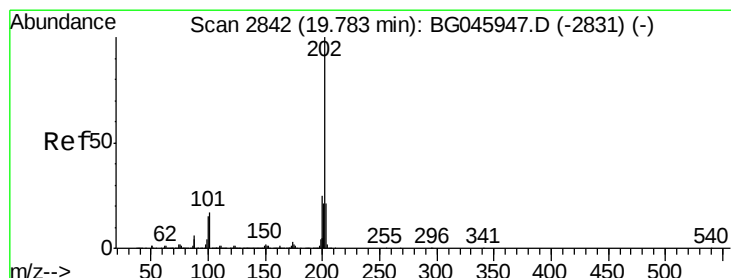
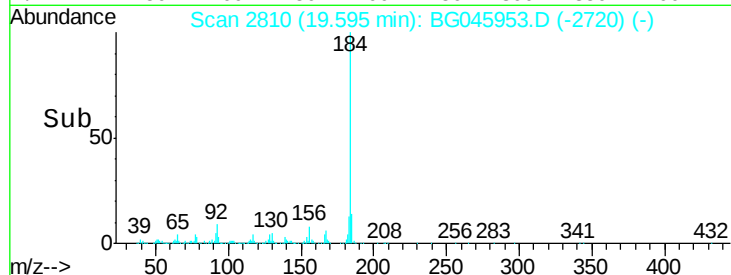
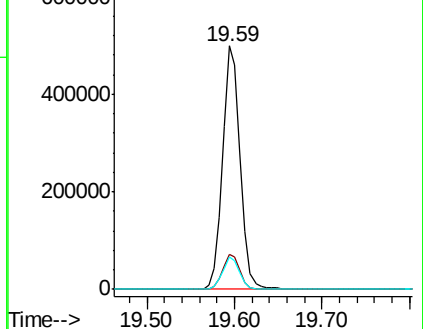
183 13.1 10.4 15.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.516 ng

RT: 19.78 min Scan# 2842

Delta R.T. -0.00 min

Lab File: BG045953.D

Acq: 7 Jul 2020 9:04

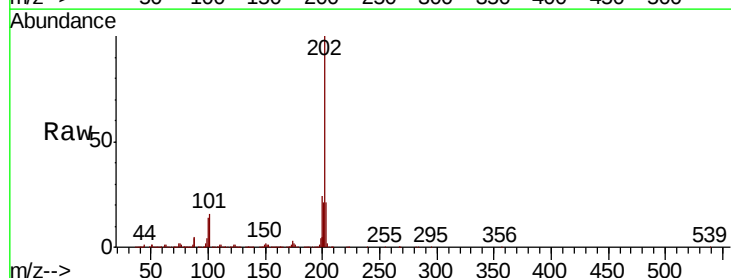
Tgt Ion:202 Resp: 1535793

Ion Ratio Lower Upper

202 100

200 24.2 20.1 30.1

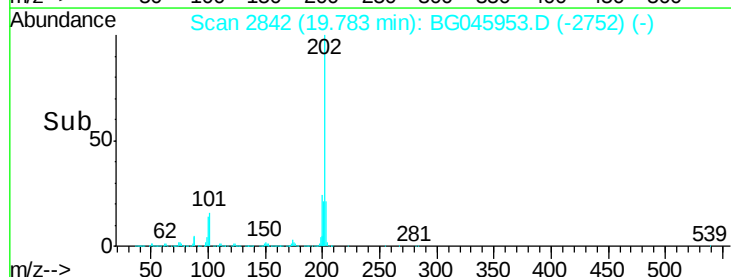
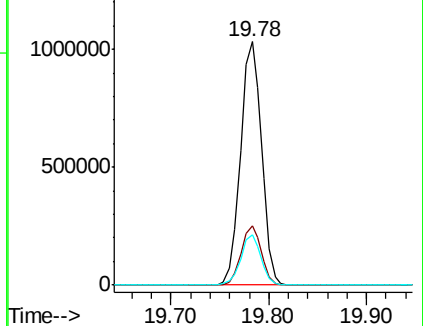
203 20.8 16.5 24.7

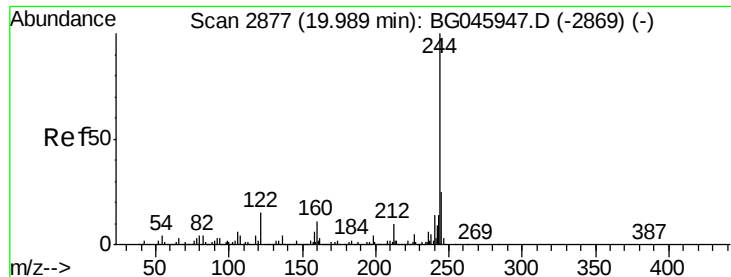


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.009 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.00 min

Lab File: BG045953.D

Acq: 7 Jul 2020 9:04

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

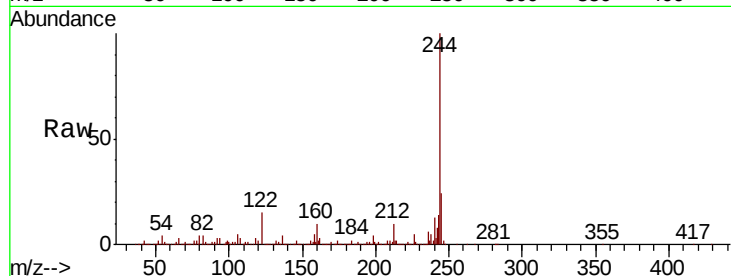
Tot Ion:244 Resp: 1997023

Ion Ratio Lower Upper

244 100

212 9.5 8.3 12.5

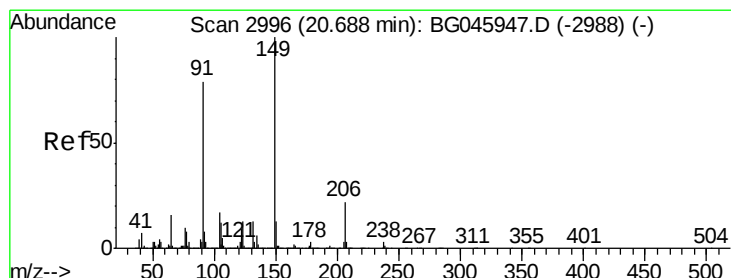
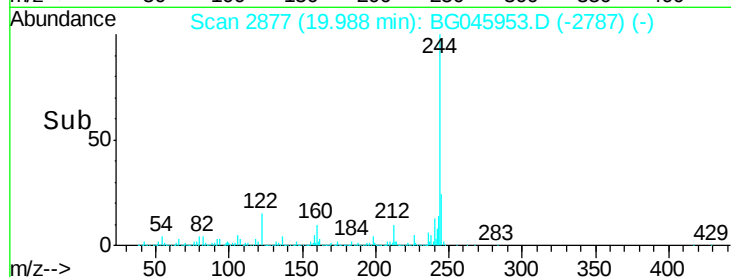
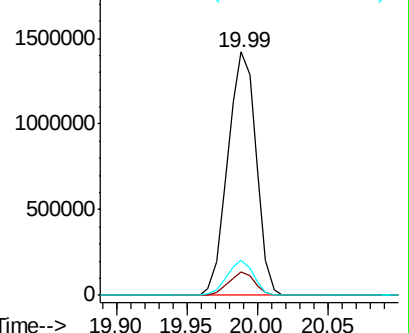
122 14.5 12.1 18.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.155 ng

RT: 20.68 min Scan# 2995

Delta R.T. -0.01 min

Lab File: BG045953.D

Acq: 7 Jul 2020 9:04

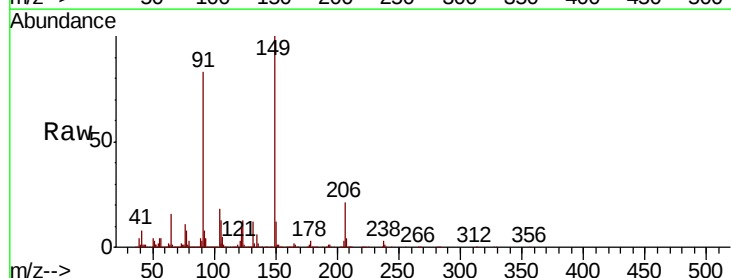
Tgt Ion:149 Resp: 736937

Ion Ratio Lower Upper

149 100

91 83.2 63.1 94.7

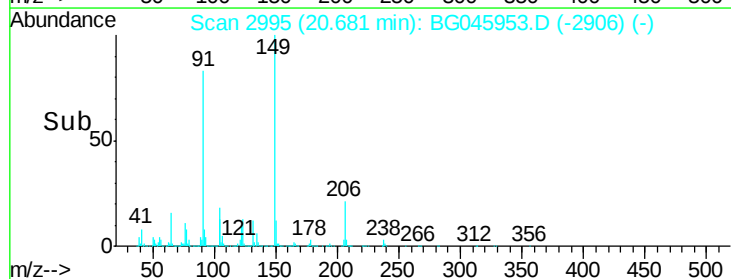
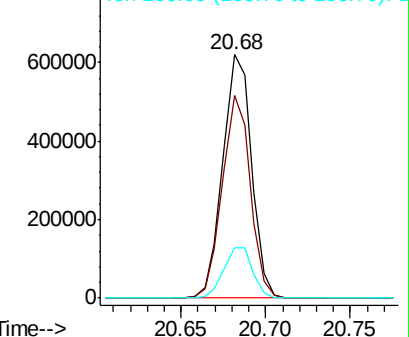
206 20.9 17.4 26.0

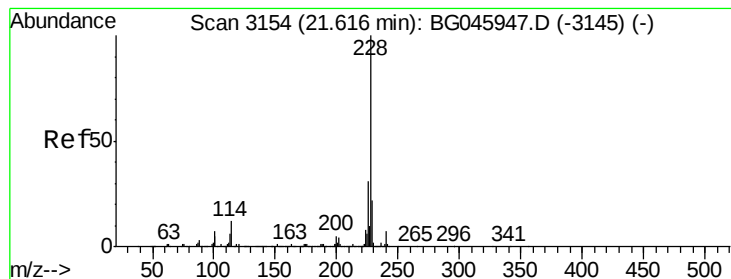


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.215 ng

RT: 21.62 min Scan# 3154

Delta R.T. -0.00 min

Lab File: BG045953.D

Acq: 7 Jul 2020 9:04

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

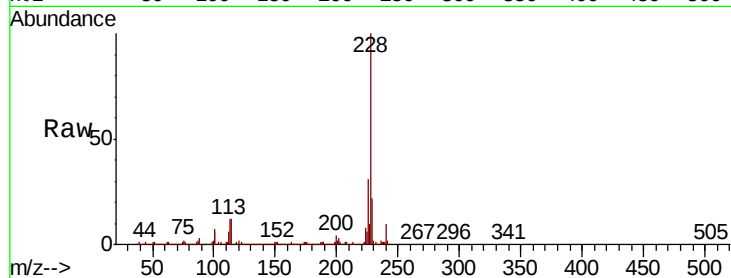
Tot Ion:228 Resp: 1433046

Ion Ratio Lower Upper

228 100

226 31.0 24.8 37.2

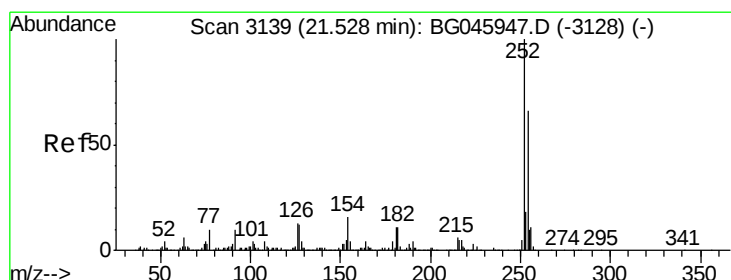
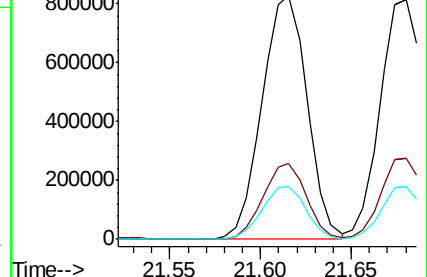
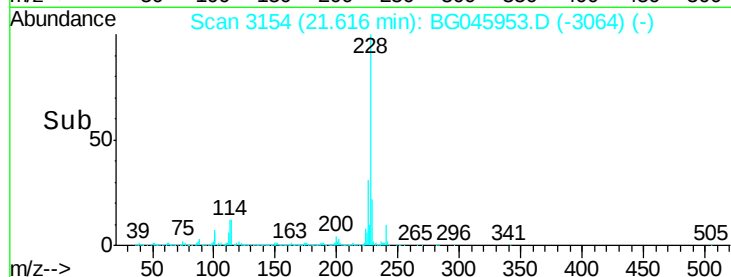
229 21.9 17.8 26.8



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: 41.194 ng

RT: 21.53 min Scan# 3139

Delta R.T. -0.00 min

Lab File: BG045953.D

Acq: 7 Jul 2020 9:04

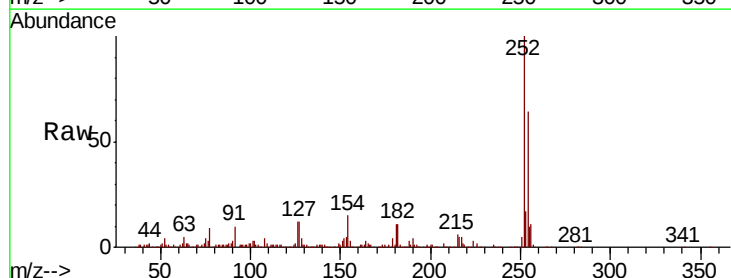
Tgt Ion:252 Resp: 542429

Ion Ratio Lower Upper

252 100

254 63.6 52.9 79.3

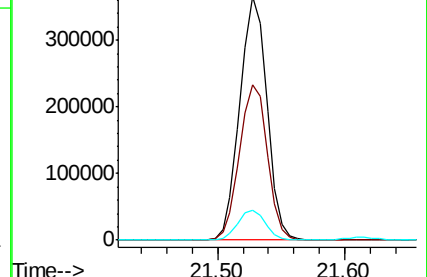
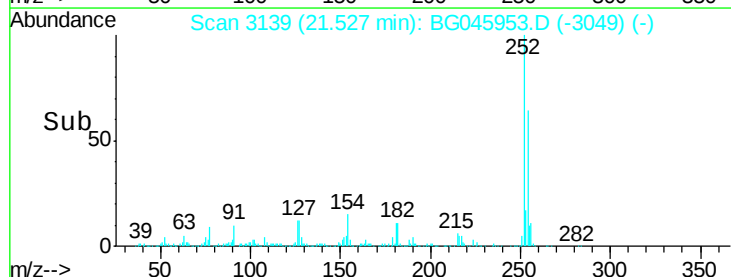
126 12.3 10.4 15.6



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: 40.205 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.00 min

Lab File: BG045953.D

Acq: 7 Jul 2020 9:04

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

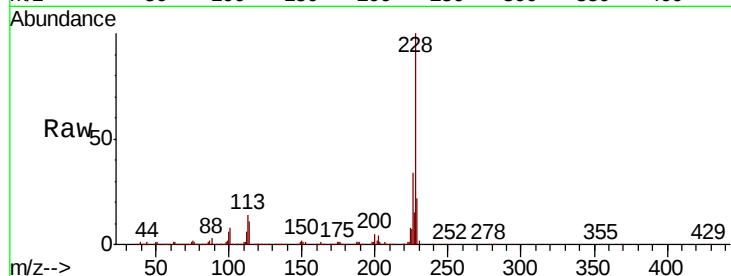
Tot Ion:228 Resp: 1364886

Ion Ratio Lower Upper

228 100

226 33.6 26.7 40.1

229 22.1 17.3 25.9



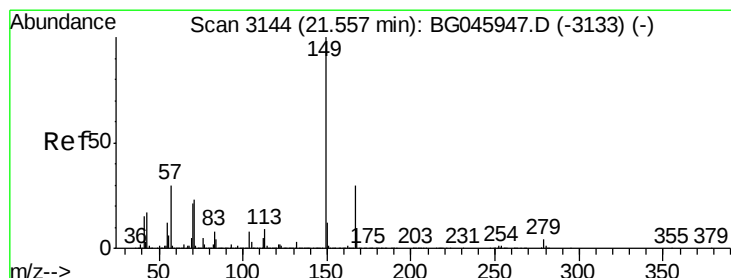
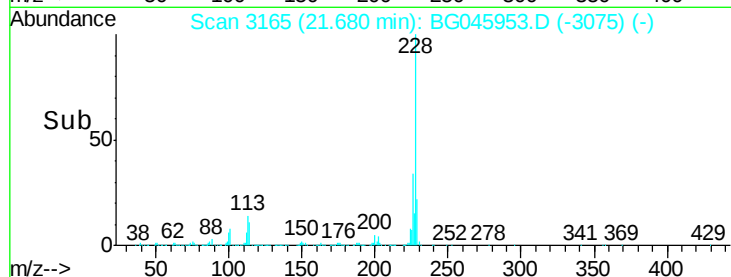
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

21.68

Time--> 21.60 21.65 21.70 21.75



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.698 ng

RT: 21.56 min Scan# 3144

Delta R.T. -0.00 min

Lab File: BG045953.D

Acq: 7 Jul 2020 9:04

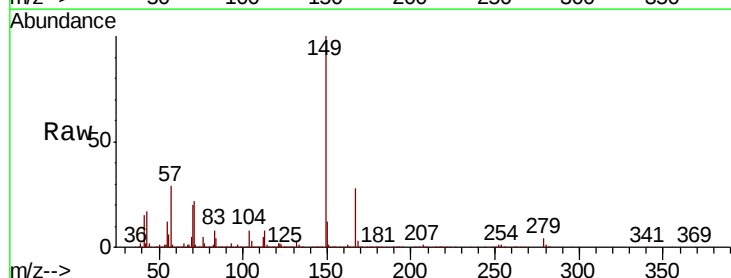
Tgt Ion:149 Resp: 1032745

Ion Ratio Lower Upper

149 100

167 28.4 23.8 35.8

279 4.1 3.5 5.3



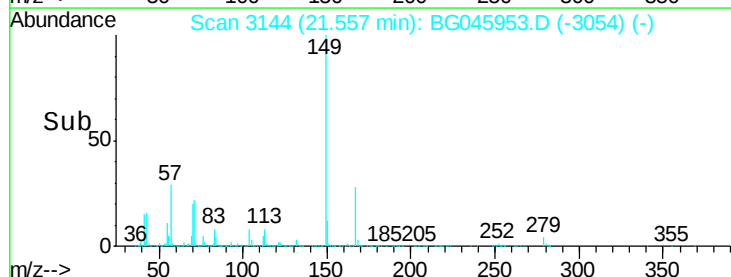
Abundance Ion 149.00 (148.70 to 149.70): E

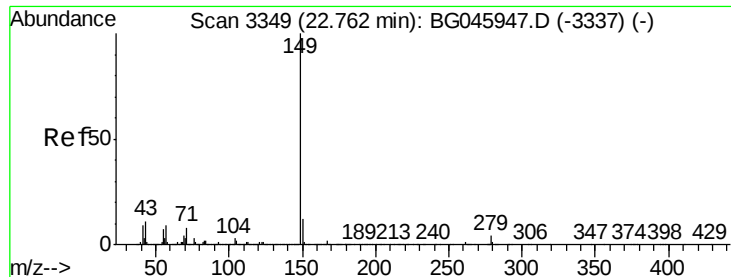
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

21.56

Time--> 21.50 21.55 21.60





#85

Di-n-octyl phthalate

Concen: 41.042 ng

RT: 22.76 min Scan# 3349

Delta R.T. -0.00 min

Lab File: BG045953.D

Acq: 7 Jul 2020 9:04

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

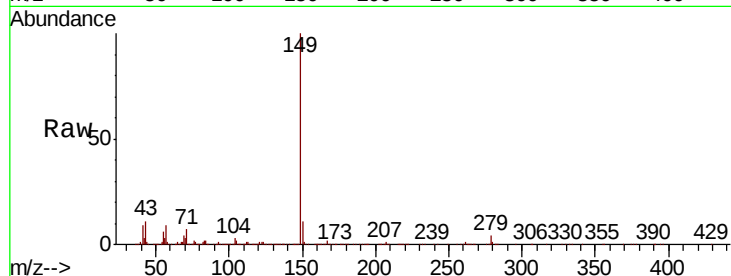
Tot Ion:149 Resp: 1807334

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

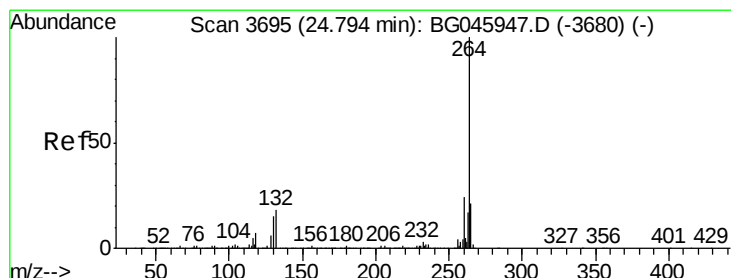
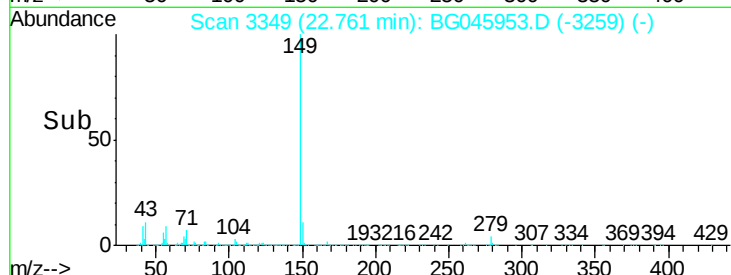
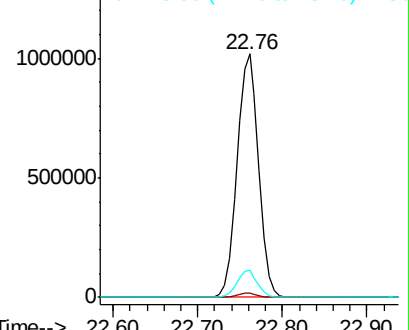
43 10.6 8.6 12.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.79 min Scan# 3694

Delta R.T. -0.01 min

Lab File: BG045953.D

Acq: 7 Jul 2020 9:04

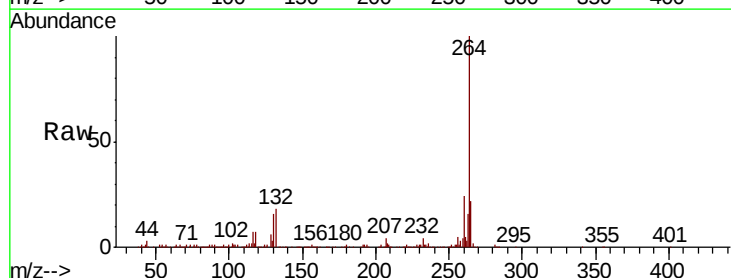
Tgt Ion:264 Resp: 579923

Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.6

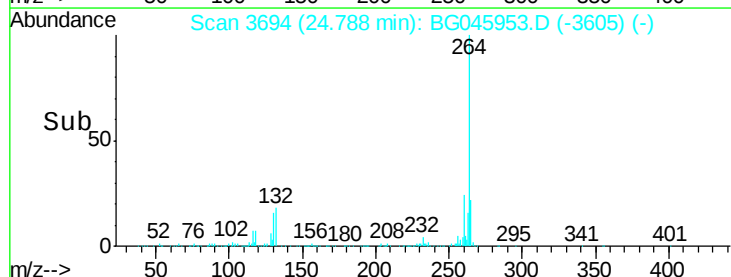
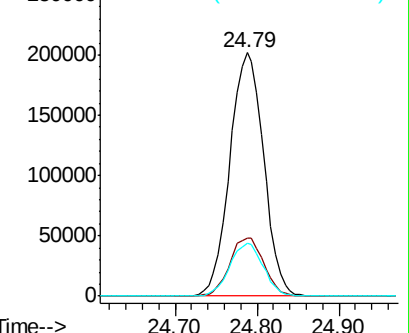
265 21.8 16.9 25.3

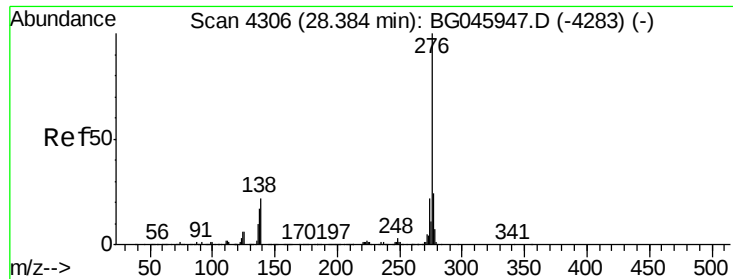


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

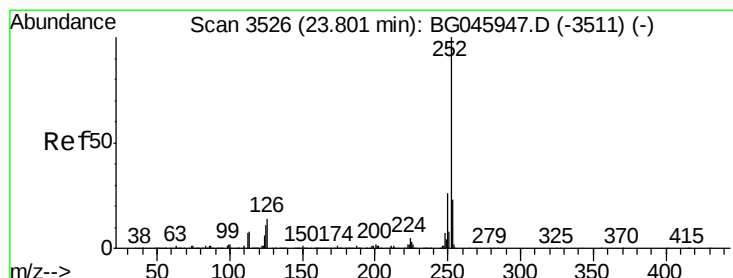
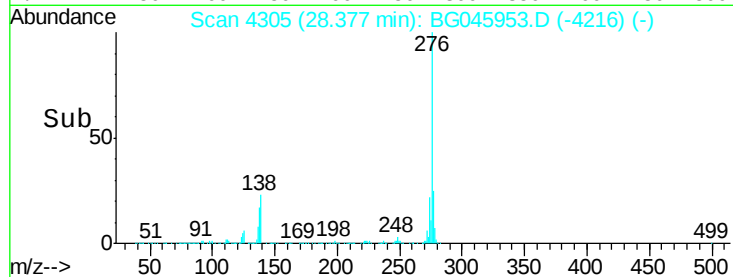
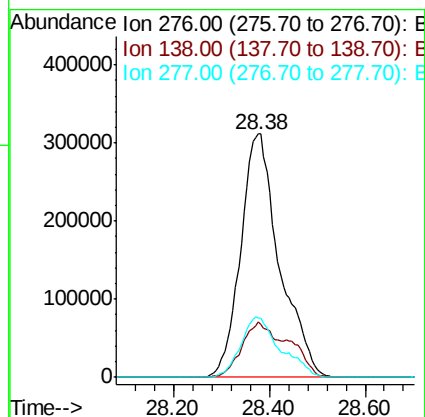
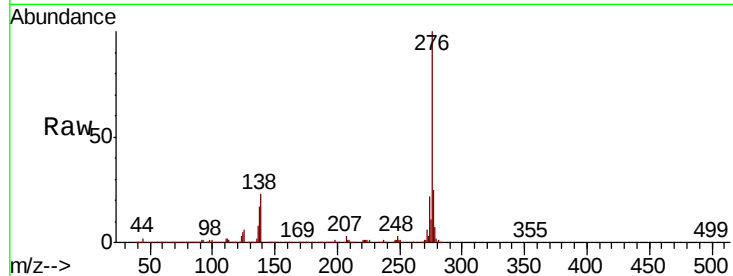




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 41.184 ng
 RT: 28.38 min Scan# 4305
 Delta R.T. -0.01 min
 Lab File: BG045953.D
 Acq: 7 Jul 2020 9:04

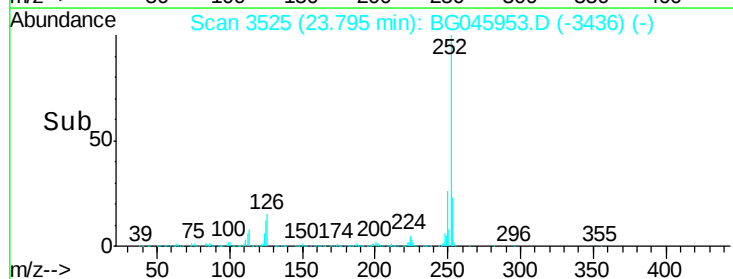
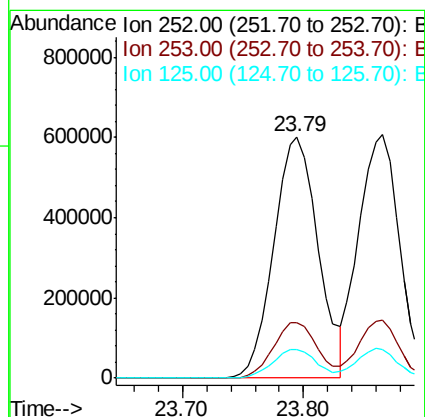
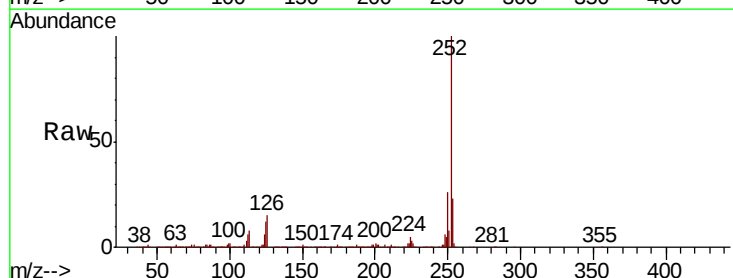
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

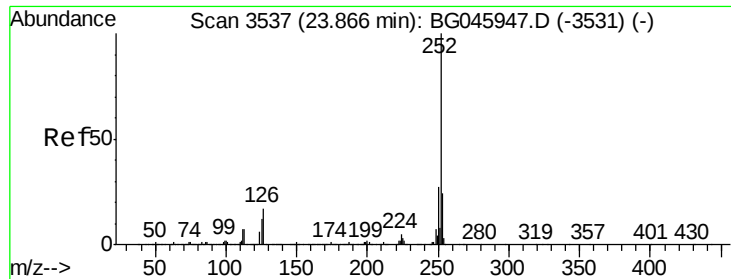
Tot Ion:276 Resp: 1747256
 Ion Ratio Lower Upper
 276 100
 138 20.3 16.4 24.6
 277 25.5 20.6 31.0



#88
 Benzo(b)fluoranthene
 Concen: 41.549 ng
 RT: 23.79 min Scan# 3525
 Delta R.T. -0.01 min
 Lab File: BG045953.D
 Acq: 7 Jul 2020 9:04

Tgt Ion:252 Resp: 1529591
 Ion Ratio Lower Upper
 252 100
 253 23.1 18.5 27.7
 125 11.8 9.2 13.8





#89

Benzo(k)fluoranthene

Concen: 40.513 ng

RT: 23.87 min Scan# 3537

Delta R.T. -0.00 min

Lab File: BG045953.D

Acq: 7 Jul 2020 9:04

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

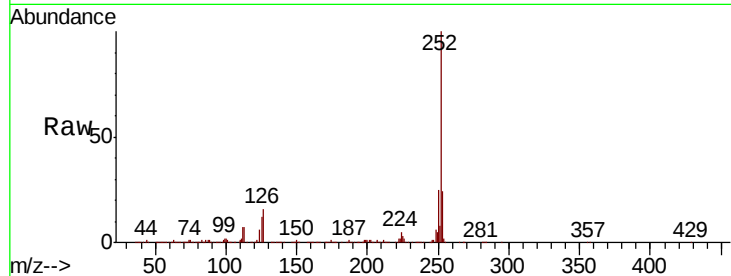
Tot Ion:252 Resp: 1410248

Ion Ratio Lower Upper

252 100

253 23.8 18.9 28.3

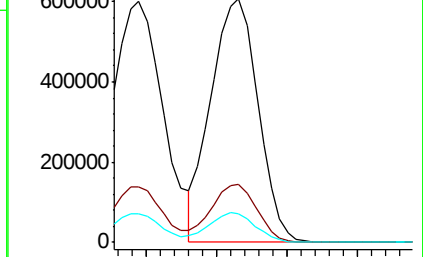
125 11.8 9.6 14.4



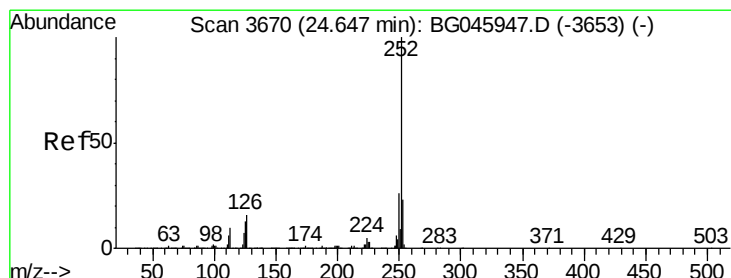
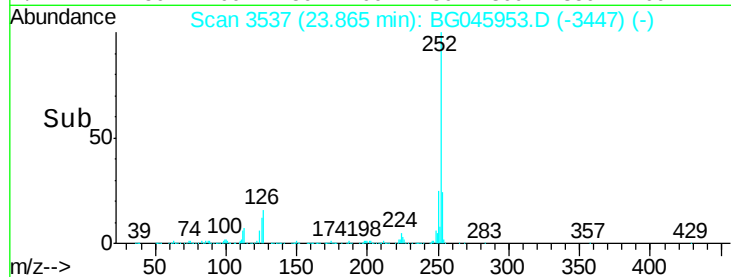
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#90

Benzo(a)pyrene

Concen: 41.183 ng

RT: 24.64 min Scan# 3669

Delta R.T. -0.01 min

Lab File: BG045953.D

Acq: 7 Jul 2020 9:04

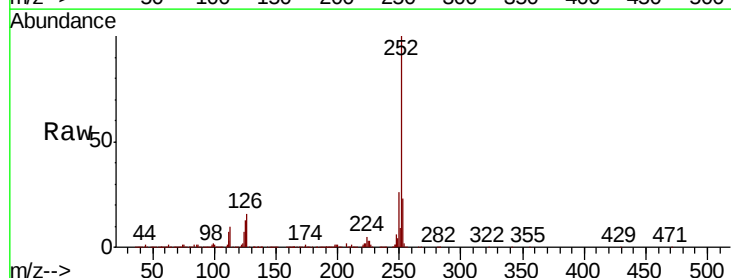
Tgt Ion:252 Resp: 1425637

Ion Ratio Lower Upper

252 100

253 23.3 18.6 28.0

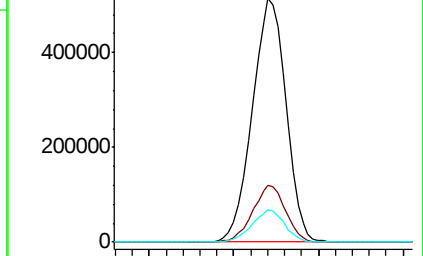
125 13.1 10.5 15.7



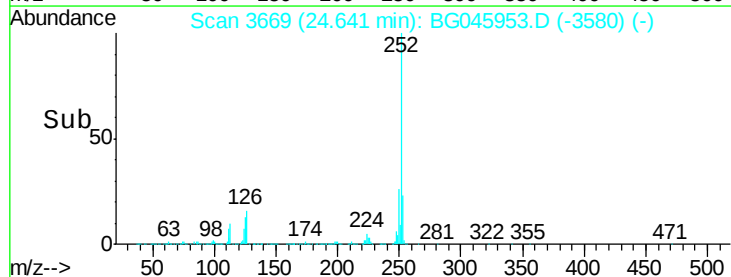
Abundance Ion 252.00 (251.70 to 252.70): E

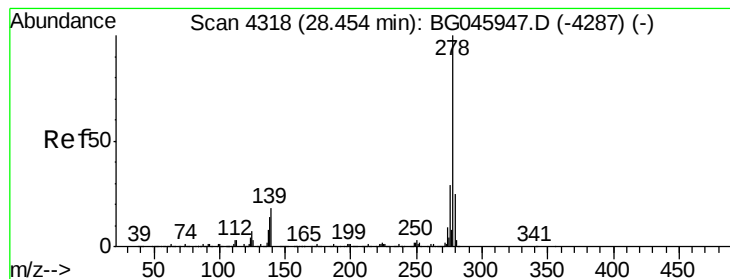
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->





#91

Dibenzo(a,h)anthracene

Concen: 40.216 ng

RT: 28.44 min Scan# 4316

Delta R.T. -0.01 min

Lab File: BG045953.D

Acq: 7 Jul 2020 9:04

Instrument :

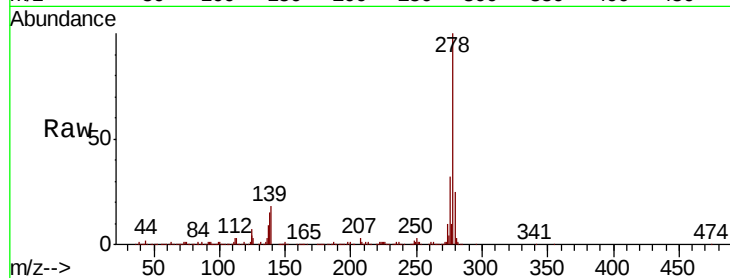
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:278 Resp: 1376146

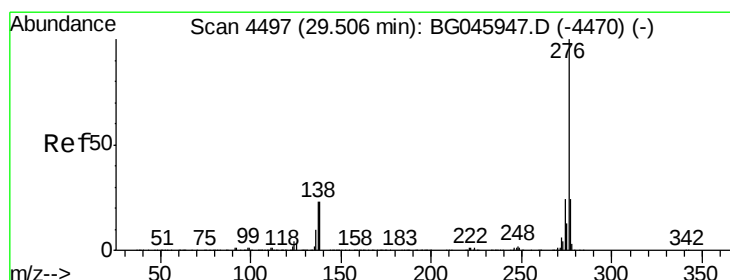
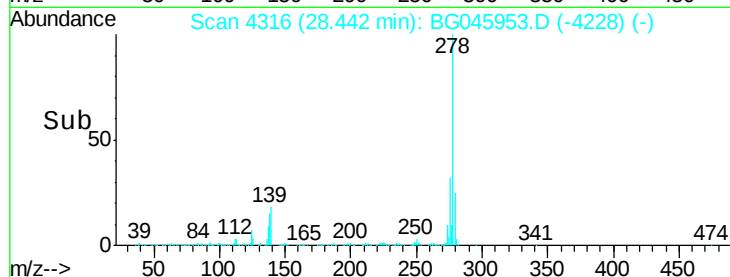
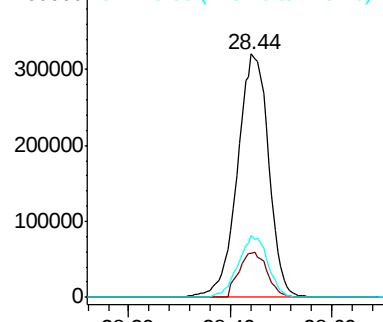
Ion	Ratio	Lower	Upper
278	100		
139	17.9	14.3	21.5
279	25.2	19.8	29.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 40.469 ng

RT: 29.49 min Scan# 4495

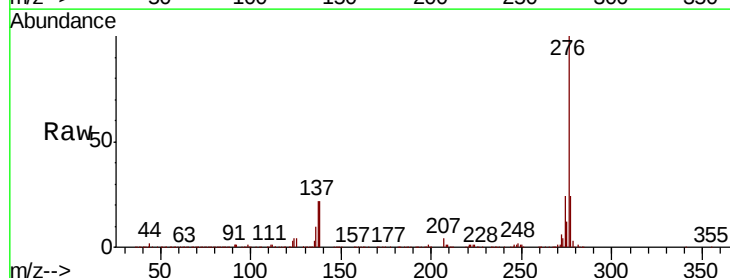
Delta R.T. -0.01 min

Lab File: BG045953.D

Acq: 7 Jul 2020 9:04

Tgt Ion:276 Resp: 1393566

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.4	29.0
138	22.5	18.6	28.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

