

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062320\
 Data File : BG045831.D
 Acq On : 23 Jun 2020 8:47
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 23 09:23:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 18:34:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	48726	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	187491	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	133757	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	315108	20.00	ng	0.00
76) Chrysene-d12	21.58	240	297553	20.00	ng	0.00
86) Perylene-d12	24.71	264	332516	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	254202	88.13	ng	-0.01
7) Phenol-d6	7.15	99	375864	85.67	ng	-0.02
23) Nitrobenzene-d5	9.08	82	359165	87.51	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	172248	85.30	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	795743	87.43	ng	0.00
79) Terphenyl-d14	19.94	244	1298977	88.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.38	88	54276	41.083	ng	99
3) Pyridine	3.77	79	165743	42.337	ng	97
4) n-Nitrosodimethylamine	3.69	42	59706	45.435	ng	98
6) Aniline	7.25	93	225182	43.587	ng	99
8) 2-Chlorophenol	7.50	128	133775	43.327	ng	96
9) Benzaldehyde	7.05	77	110007	41.744	ng	99
10) Phenol	7.17	94	180750	42.517	ng	96
11) bis(2-Chloroethyl)ether	7.34	93	138371	42.851	ng	95
12) 1,3-Dichlorobenzene	7.81	146	158804	43.160	ng	98
13) 1,4-Dichlorobenzene	7.95	146	158909	43.238	ng	97
14) 1,2-Dichlorobenzene	8.27	146	151954	43.188	ng	96
15) Benzyl Alcohol	8.17	79	152289	44.852	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.44	45	128930	42.365	ng	81
17) 2-Methylphenol	8.41	107	136155	43.035	ng	97
18) Hexachloroethane	9.00	117	60696	43.484	ng	99
19) n-Nitroso-di-n-propylamine	8.73	70	123882	42.947	ng	98
20) 3+4-Methylphenols	8.74	107	181670	43.661	ng	# 71
22) Acetophenone	8.74	105	221102	42.965	ng	96
24) Nitrobenzene	9.13	77	190367	43.503	ng	98
25) Isophorone	9.65	82	341090	42.930	ng	99
26) 2-Nitrophenol	9.84	139	78757	43.199	ng	92
27) 2,4-Dimethylphenol	9.93	122	119820	43.048	ng	97
28) bis(2-Chloroethoxy)methane	10.13	93	177508	42.771	ng	99
29) 2,4-Dichlorophenol	10.41	162	142504	43.882	ng	99
30) 1,2,4-Trichlorobenzene	10.59	180	168296	43.776	ng	97
31) Naphthalene	10.77	128	440143	42.939	ng	99
32) Benzoic acid	10.12	122	79704	44.873	ng	97
33) 4-Chloroaniline	10.89	127	186697	43.493	ng	99
34) Hexachlorobutadiene	11.06	225	124410	45.503	ng	94
35) Caprolactam	11.67	113	47730	45.419	ng	95
36) 4-Chloro-3-methylphenol	12.06	107	160702	42.860	ng	100
37) 2-Methylnaphthalene	12.39	142	329498	43.168	ng	98
38) 1-Methylnaphthalene	12.60	142	310999	43.056	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	193327	43.895	ng	99

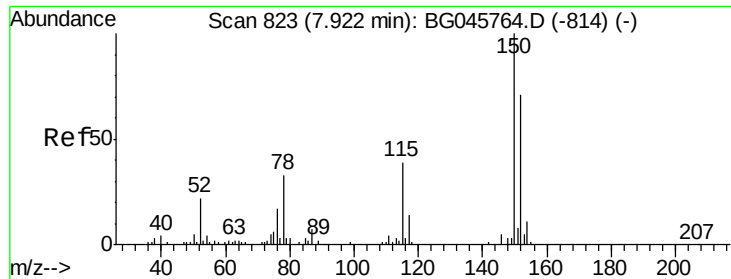
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062320\
 Data File : BG045831.D
 Acq On : 23 Jun 2020 8:47
 Operator : CG/JU
 Sample : SSTDCCC040
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 18:34:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	88030	40.796	ng	99
43) 2,4,6-Trichlorophenol	13.02	196	127716	42.770	ng	97
44) 2,4,5-Trichlorophenol	13.11	196	142457	41.858	ng	99
46) 1,1'-Biphenyl	13.40	154	408053	42.611	ng	99
47) 2-Chloronaphthalene	13.44	162	331524	42.857	ng	97
48) 2-Nitroaniline	13.66	65	110649	43.002	ng	97
49) Acenaphthylene	14.29	152	528156	42.626	ng	100
50) Dimethylphthalate	14.03	163	451191	43.059	ng	99
51) 2,6-Dinitrotoluene	14.14	165	100600	42.745	ng	94
52) Acenaphthene	14.63	154	315134	41.960	ng	98
53) 3-Nitroaniline	14.48	138	100343	42.685	ng	93
54) 2,4-Dinitrophenol	14.70	184	52980	45.328	ng	97
55) Dibenzofuran	14.97	168	525492	43.071	ng	98
56) 4-Nitrophenol	14.86	139	61221	38.517	ng	93
57) 2,4-Dinitrotoluene	14.94	165	145602	43.179	ng	99
58) Fluorene	15.62	166	433505	42.730	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.21	232	120148	40.675	ng	95
60) Diethylphthalate	15.39	149	461830	43.114	ng	97
61) 4-Chlorophenyl-phenylether	15.61	204	254029	43.444	ng	97
62) 4-Nitroaniline	15.66	138	104438	43.289	ng	97
63) Azobenzene	15.91	77	442966	43.068	ng	98
65) 4,6-Dinitro-2-methylphenol	15.71	198	90731	46.592	ng	98
66) n-Nitrosodiphenylamine	15.83	169	376471	42.181	ng	99
67) 4-Bromophenyl-phenylether	16.50	248	176108	43.012	ng	97
68) Hexachlorobenzene	16.63	284	184400	43.432	ng	98
69) Atrazine	16.78	200	144400	41.694	ng	100
70) Pentachlorophenol	16.99	266	69309	37.575	ng	93
71) Phenanthrene	17.36	178	692546	42.614	ng	99
72) Anthracene	17.45	178	693447	42.850	ng	99
73) Carbazole	17.73	167	662981	43.025	ng	99
74) Di-n-butylphthalate	18.28	149	785852	43.072	ng	100
75) Fluoranthene	19.38	202	859150	42.992	ng	100
77) Benzidine	19.56	184	280379	36.246	ng	98
78) Pyrene	19.74	202	872395	43.783	ng	99
80) Butylbenzylphthalate	20.62	149	363620	43.599	ng	98
81) Benzo(a)anthracene	21.56	228	835188	43.293	ng	100
82) 3,3'-Dichlorobenzidine	21.47	252	312516	42.827	ng	98
83) Chrysene	21.62	228	802162	42.990	ng	99
84) Bis(2-ethylhexyl)phthalate	21.47	149	507239	43.724	ng	# 97
85) Di-n-octyl phthalate	22.64	149	866225	43.288	ng	100
87) Indeno(1,2,3-cd)pyrene	28.26	276	1044030	43.310	ng	99
88) Benzo(b)fluoranthene	23.72	252	890404	42.708	ng	99
89) Benzo(k)fluoranthene	23.78	252	862645	43.232	ng	98
90) Benzo(a)pyrene	24.56	252	841416	43.204	ng	99
91) Dibenzo(a,h)anthracene	28.32	278	852584	44.105	ng	98
92) Benzo(g,h,i)perylene	29.36	276	832155	43.009	ng	97

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

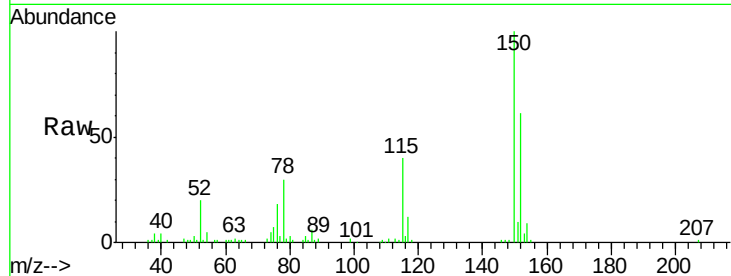


#1

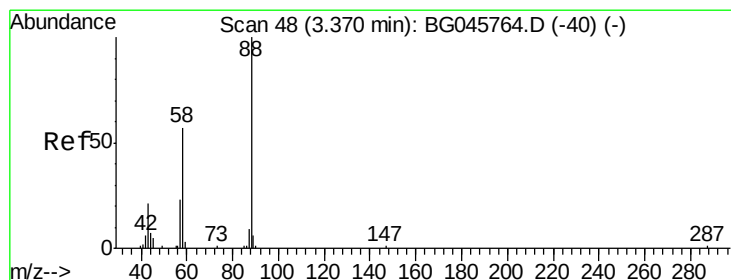
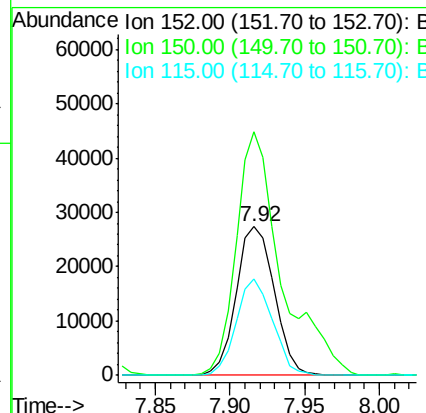
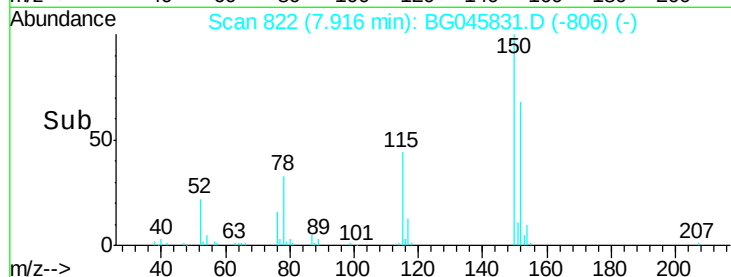
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG045831.D
Acq: 23 Jun 2020 8:47

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 48726
Ion Ratio Lower Upper
152 100
150 163.6 113.1 169.7
115 65.0 43.8 65.6



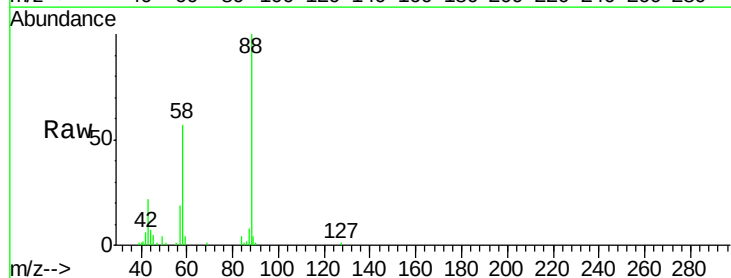
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



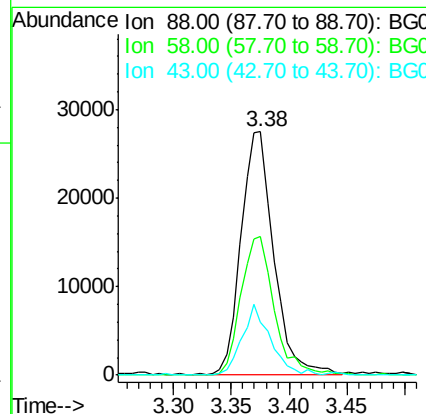
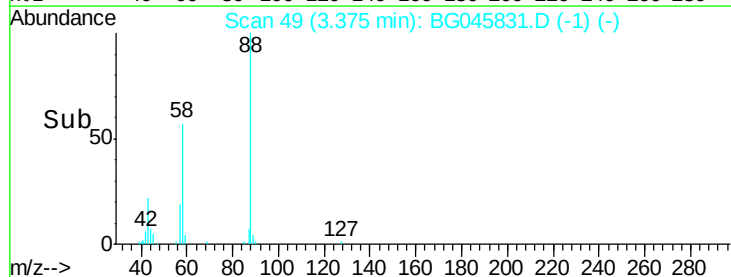
#2

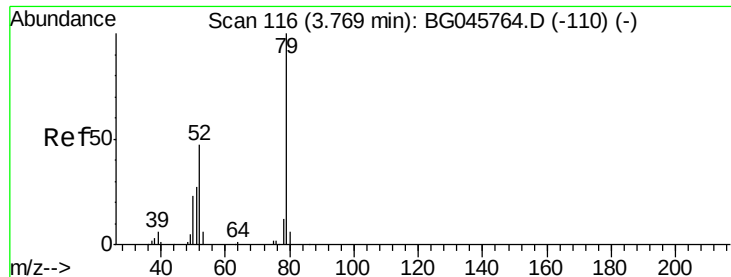
1,4-Dioxane
Concen: 41.083 ng
RT: 3.38 min Scan# 49
Delta R.T. 0.01 min
Lab File: BG045831.D
Acq: 23 Jun 2020 8:47

Tgt Ion: 88 Resp: 54276
Ion Ratio Lower Upper
88 100
58 57.5 46.1 69.1
43 25.1 19.2 28.8



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 42.337 ng

RT: 3.77 min Scan# 117

Delta R.T. 0.01 min

Lab File: BG045831.D

Acq: 23 Jun 2020 8:47

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

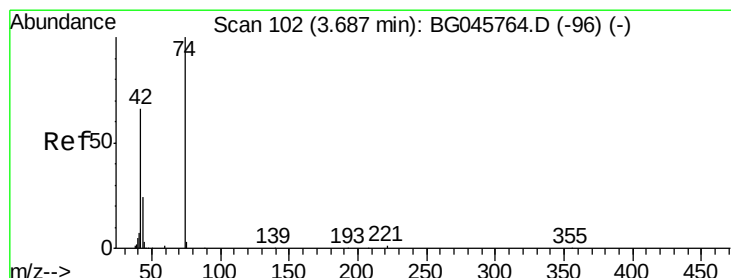
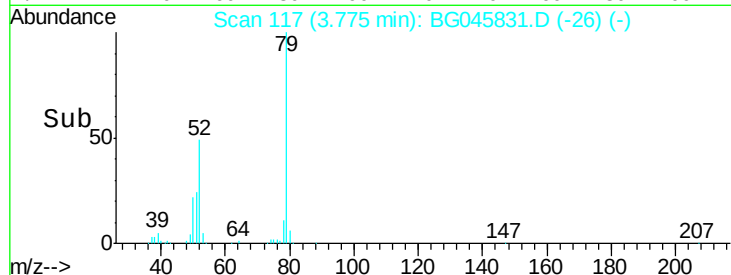
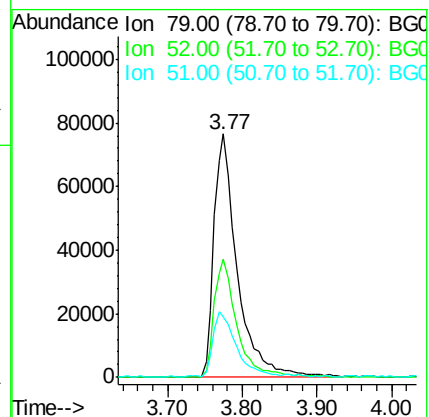
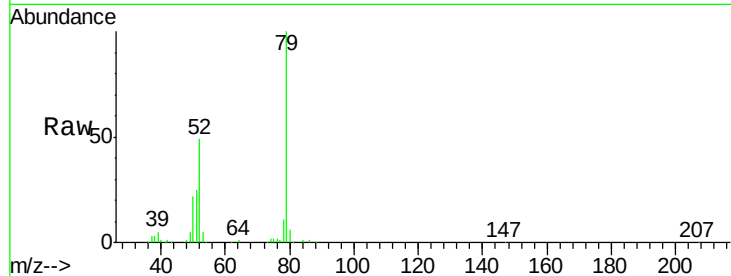
Tot Ion: 79 Resp: 165743

Ion Ratio Lower Upper

79 100

52 48.7 37.9 56.9

51 24.8 22.0 33.0



#4

n-Nitrosodimethylamine

Concen: 45.435 ng

RT: 3.69 min Scan# 102

Delta R.T. -0.00 min

Lab File: BG045831.D

Acq: 23 Jun 2020 8:47

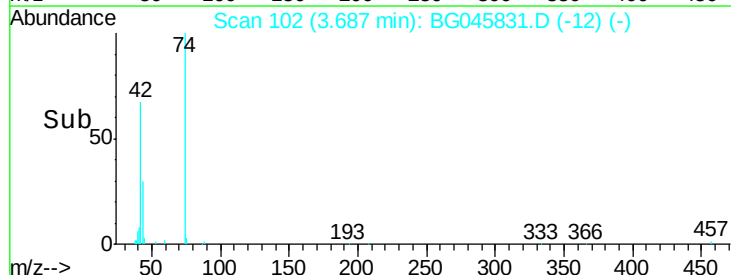
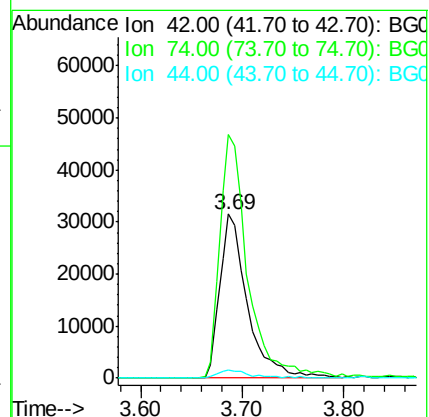
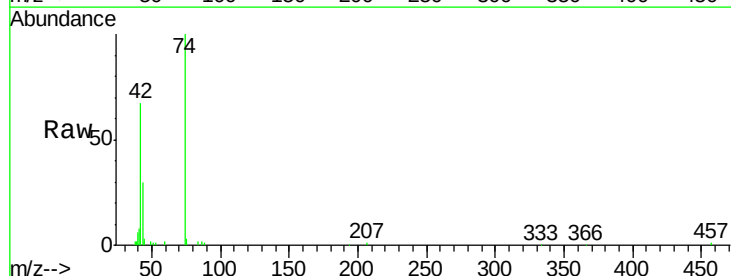
Tgt Ion: 42 Resp: 59706

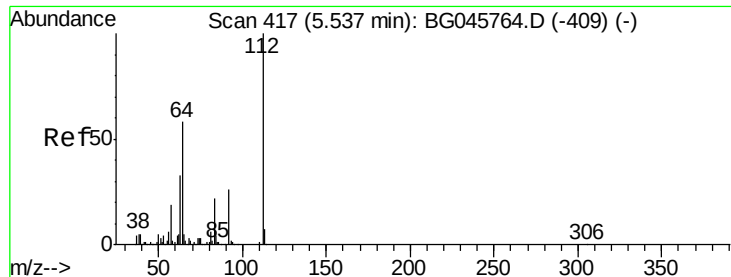
Ion Ratio Lower Upper

42 100

74 148.3 121.0 181.4

44 5.1 3.5 5.3





#5

2-Fluorophenol

Concen: 88.127 ng

RT: 5.53 min Scan# 415

Delta R.T. -0.01 min

Lab File: BG045831.D

Acq: 23 Jun 2020 8:47

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

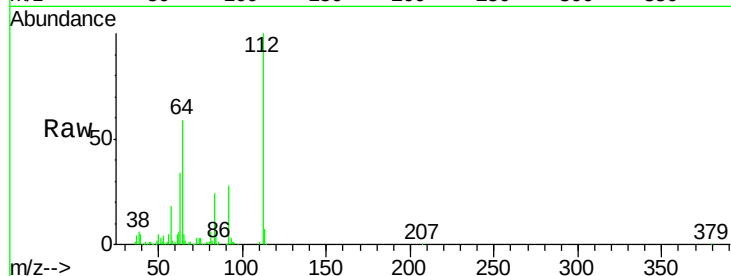
Tot Ion:112 Resp: 254202

Ion Ratio Lower Upper

112 100

64 58.8 46.6 69.8

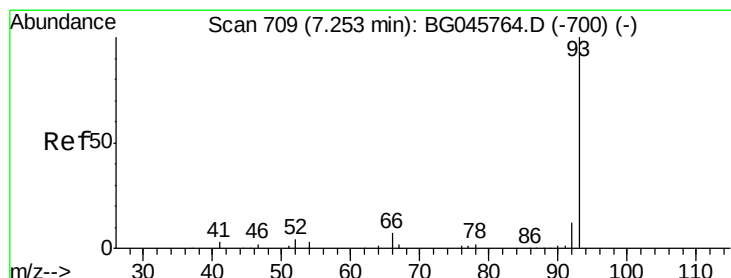
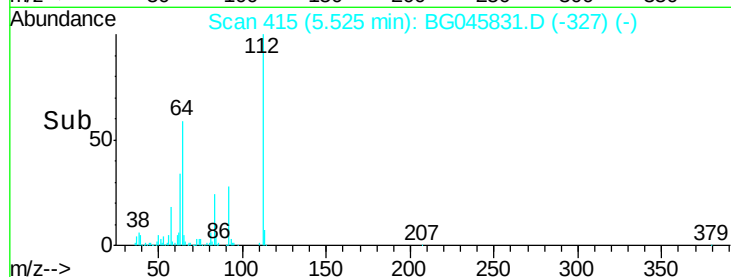
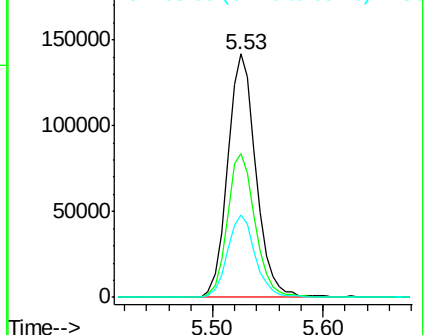
63 33.8 26.3 39.5



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



#6

Aniline

Concen: 43.587 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.01 min

Lab File: BG045831.D

Acq: 23 Jun 2020 8:47

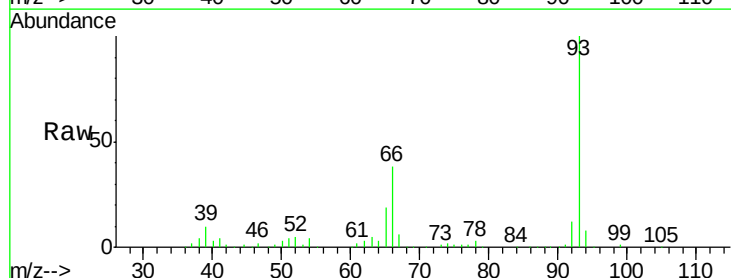
Tgt Ion: 93 Resp: 225182

Ion Ratio Lower Upper

93 100

66 38.4 30.0 45.0

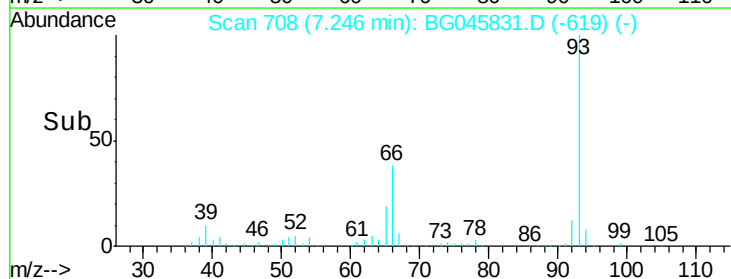
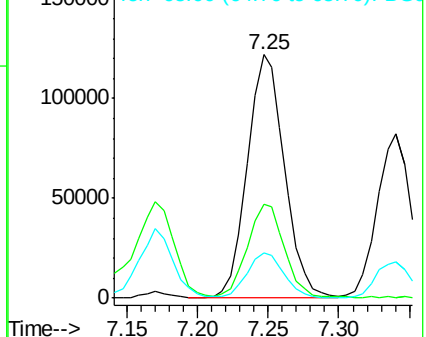
65 18.6 14.7 22.1

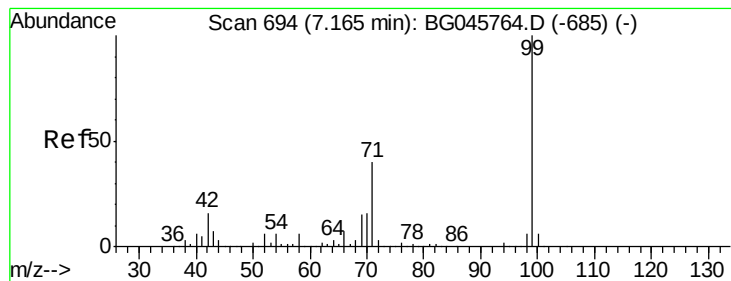


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 85.665 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.02 min

Lab File: BG045831.D

Acq: 23 Jun 2020 8:47

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

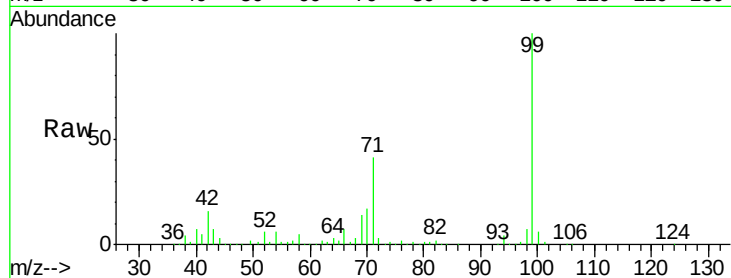
Tot Ion: 99 Resp: 375864

Ion Ratio Lower Upper

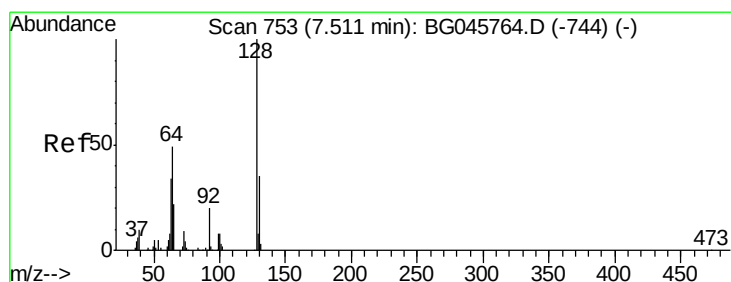
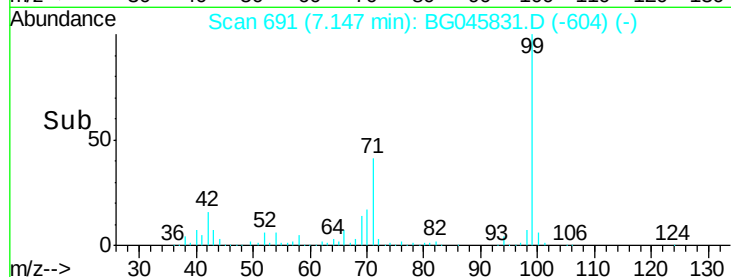
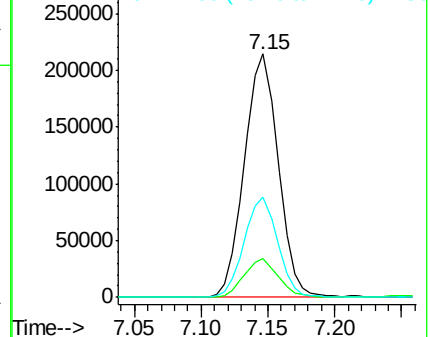
99 100

42 16.0 12.4 18.6

71 41.0 32.1 48.1



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: 43.327 ng

RT: 7.50 min Scan# 752

Delta R.T. -0.01 min

Lab File: BG045831.D

Acq: 23 Jun 2020 8:47

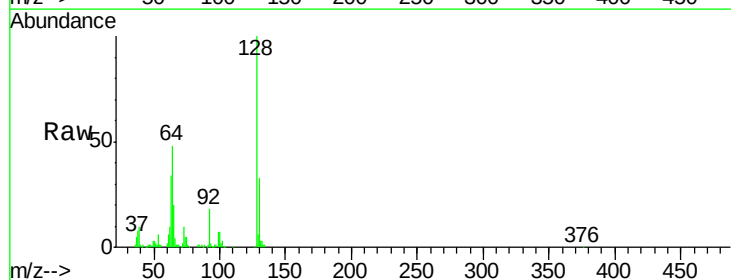
Tgt Ion: 128 Resp: 133775

Ion Ratio Lower Upper

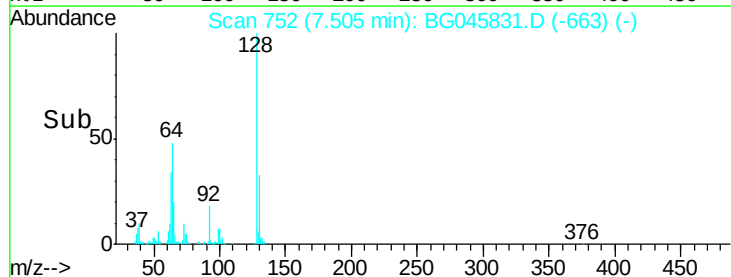
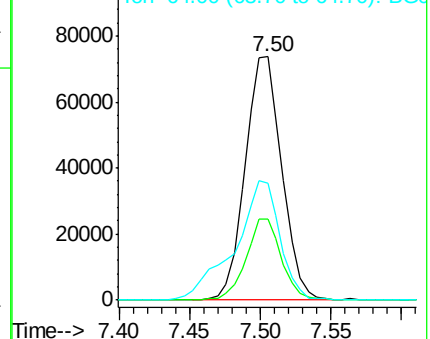
128 100

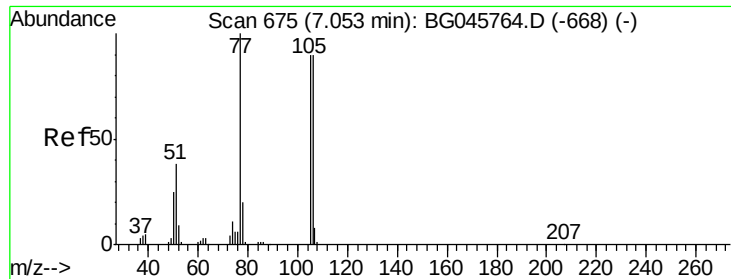
130 33.3 14.5 54.5

64 48.0 31.6 71.6



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: 41.744 ng

RT: 7.05 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG045831.D

Acq: 23 Jun 2020 8:47

Instrument :

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ClientSampleId :

SSTDCCC040

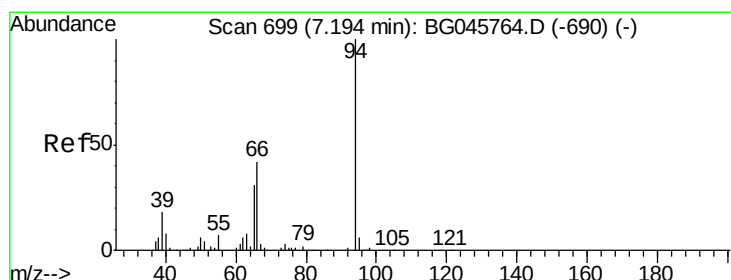
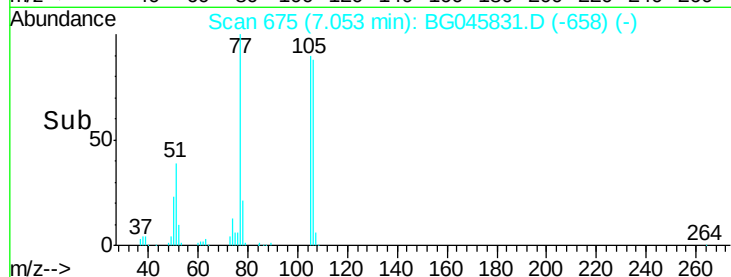
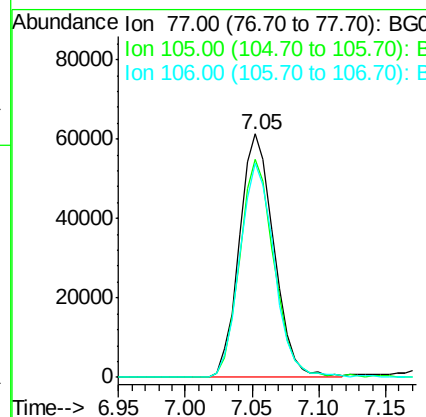
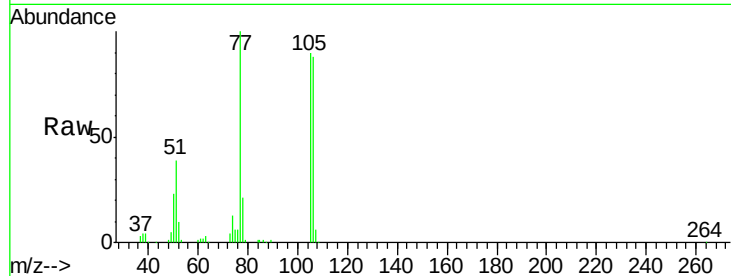
Tot Ion: 77 Resp: 110007

Ion Ratio Lower Upper

77 100

105 89.8 70.4 110.4

106 88.2 70.2 110.2



#10

Phenol

Concen: 42.517 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.02 min

Lab File: BG045831.D

Acq: 23 Jun 2020 8:47

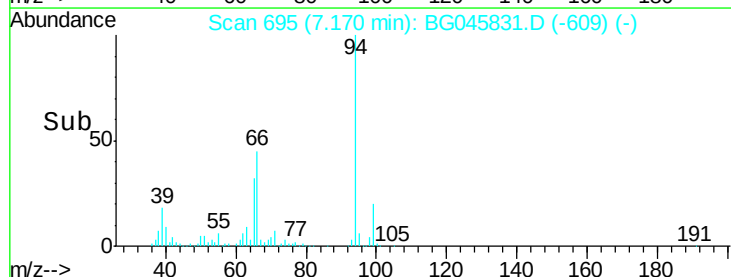
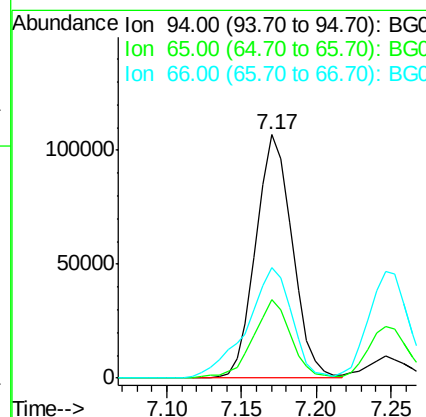
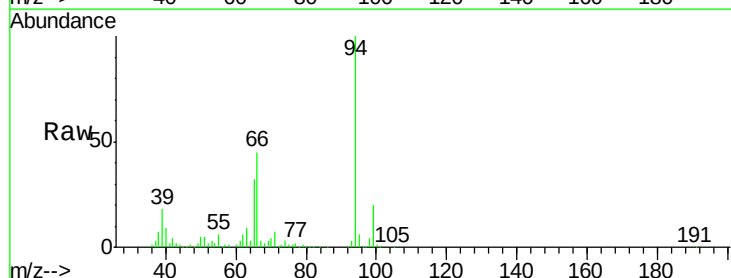
Tgt Ion: 94 Resp: 180750

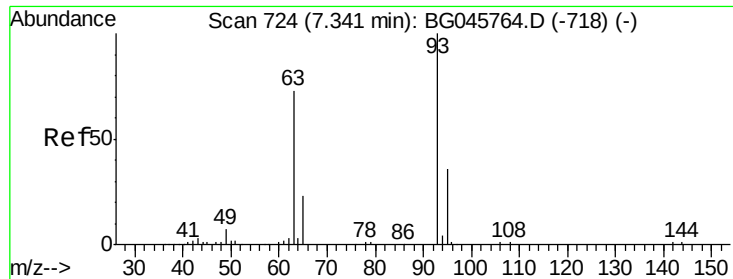
Ion Ratio Lower Upper

94 100

65 32.5 10.7 50.7

66 45.4 22.5 62.5



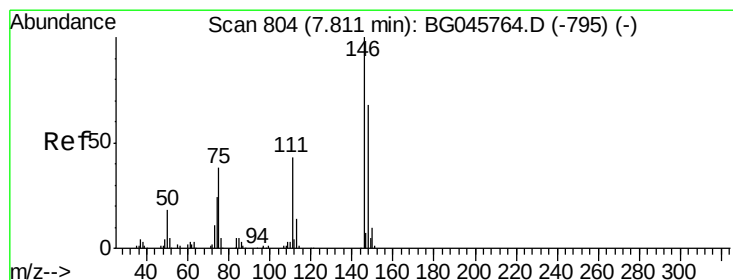
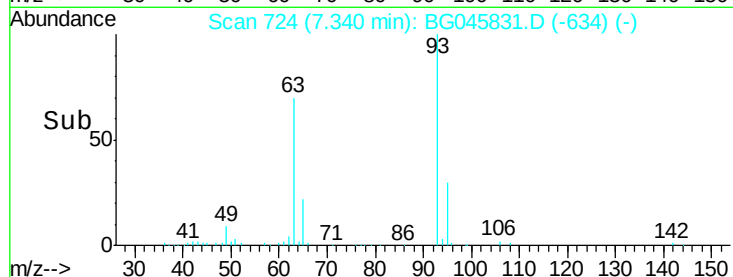
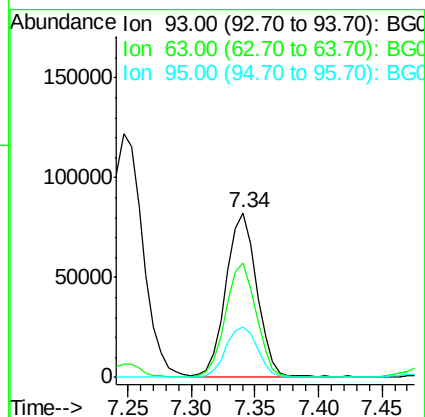
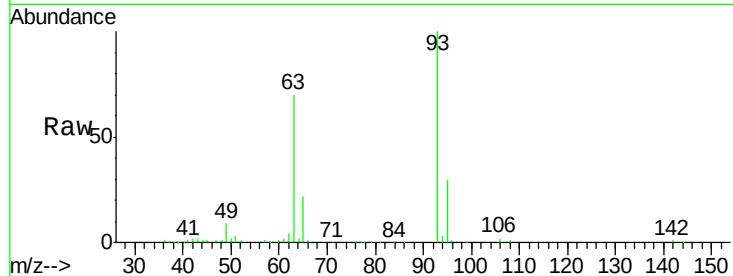


#11

bis(2-Chloroethyl)ether
Concen: 42.851 ng
RT: 7.34 min Scan# 724
Delta R.T. -0.00 min
Lab File: BG045831.D
Acq: 23 Jun 2020 8:47

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

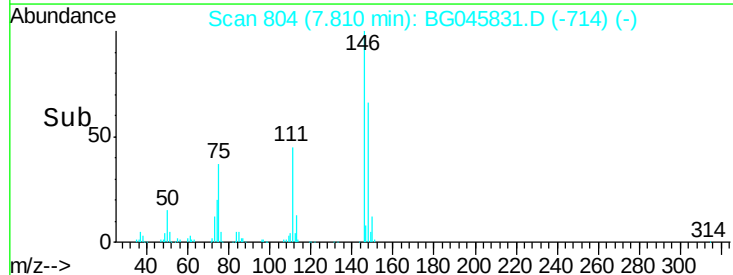
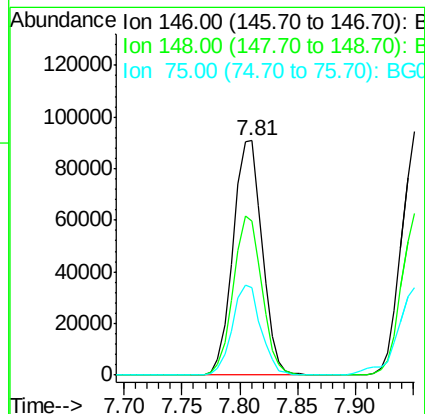
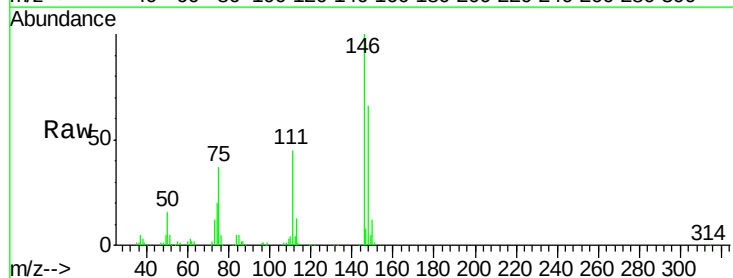
Tot Ion	Ratio	Lower	Upper
93	100		
63	69.8	52.0	92.0
95	30.4	15.6	55.6

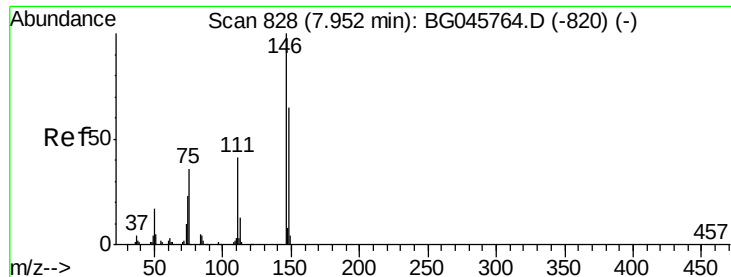


#12

1,3-Dichlorobenzene
Concen: 43.160 ng
RT: 7.81 min Scan# 804
Delta R.T. -0.00 min
Lab File: BG045831.D
Acq: 23 Jun 2020 8:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	54.2	81.4
75	37.1	30.1	45.1

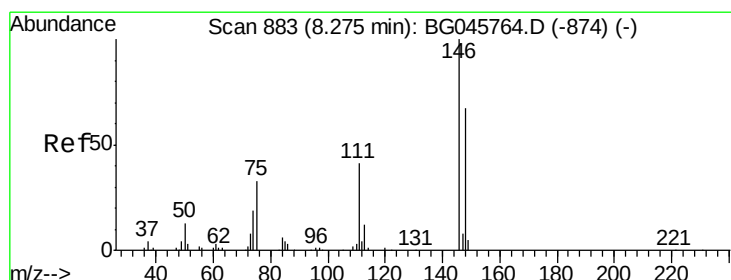
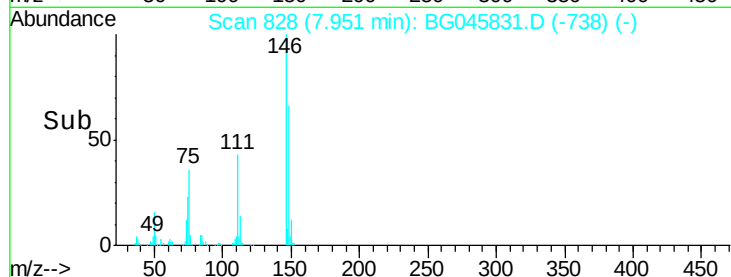
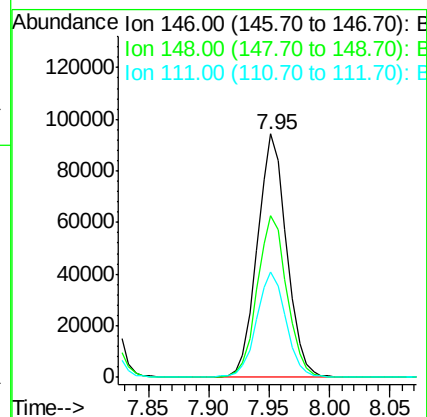
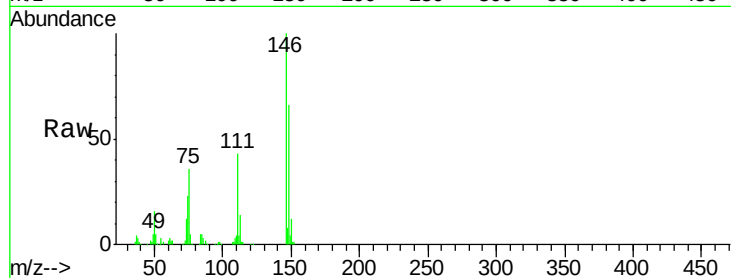




#13
 1,4-Dichlorobenzene
 Concen: 43.238 ng
 RT: 7.95 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BG045831.D
 Acq: 23 Jun 2020 8:47

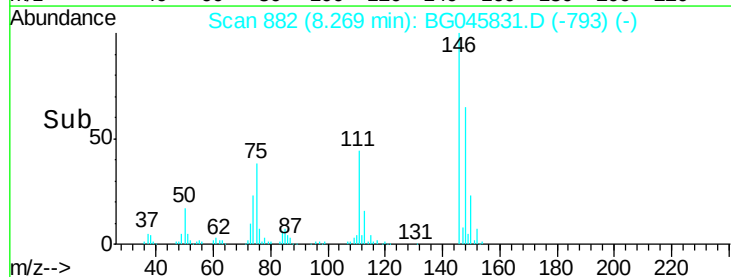
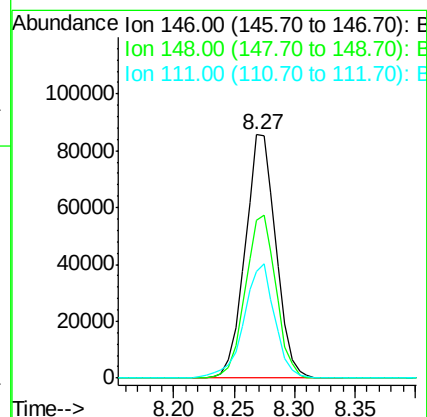
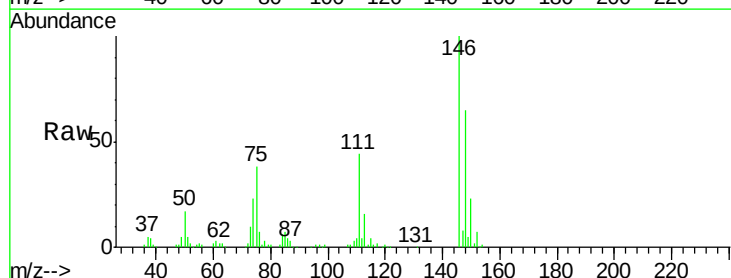
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

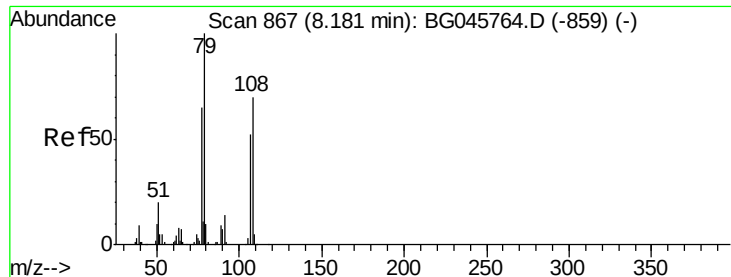
Tot Ion:146 Resp: 158909
 Ion Ratio Lower Upper
 146 100
 148 66.3 51.8 77.6
 111 43.3 32.8 49.2



#14
 1,2-Dichlorobenzene
 Concen: 43.188 ng
 RT: 8.27 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BG045831.D
 Acq: 23 Jun 2020 8:47

Tgt Ion:146 Resp: 151954
 Ion Ratio Lower Upper
 146 100
 148 65.0 54.1 81.1
 111 43.9 32.9 49.3





#15

Benzyl Alcohol

Concen: 44.852 ng

RT: 8.17 min Scan# 866

Delta R.T. -0.01 min

Lab File: BG045831.D

Acq: 23 Jun 2020 8:47

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

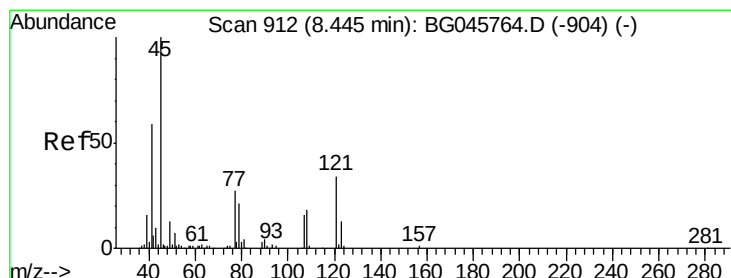
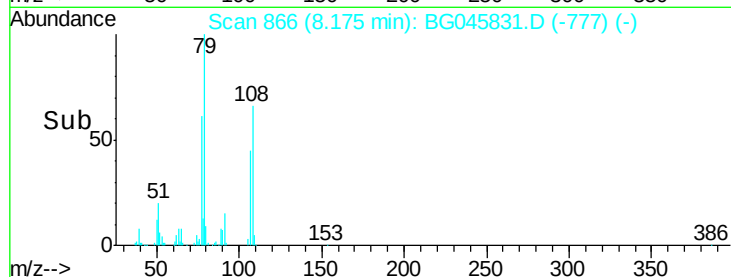
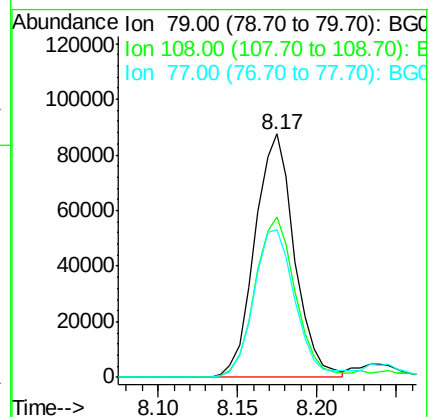
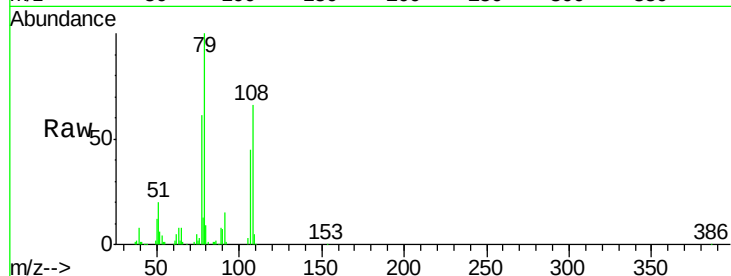
Tot Ion: 79 Resp: 152289

Ion Ratio Lower Upper

79 100

108 65.7 56.2 84.4

77 60.8 52.2 78.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.365 ng

RT: 8.44 min Scan# 912

Delta R.T. -0.00 min

Lab File: BG045831.D

Acq: 23 Jun 2020 8:47

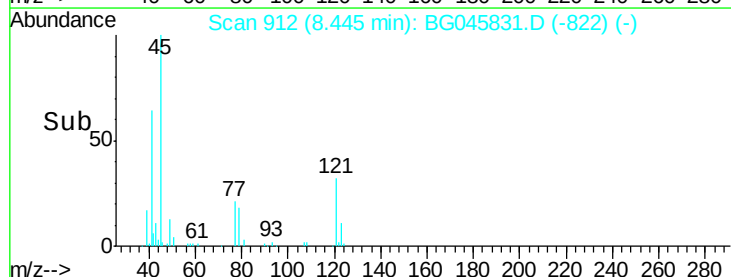
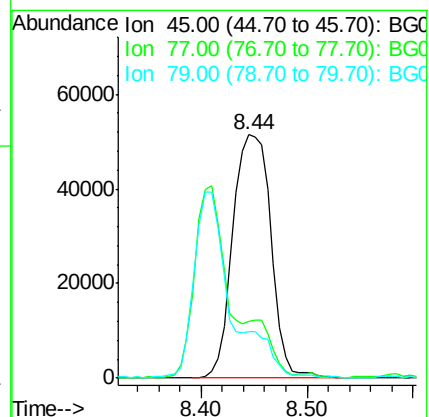
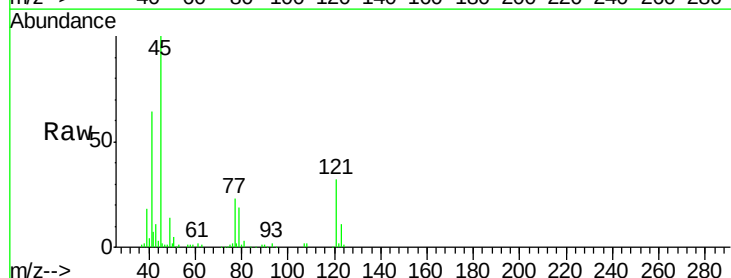
Tgt Ion: 45 Resp: 128930

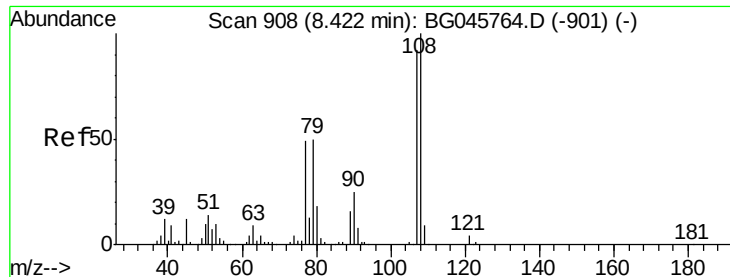
Ion Ratio Lower Upper

45 100

77 23.3 14.9 54.9

79 19.3 9.2 49.2

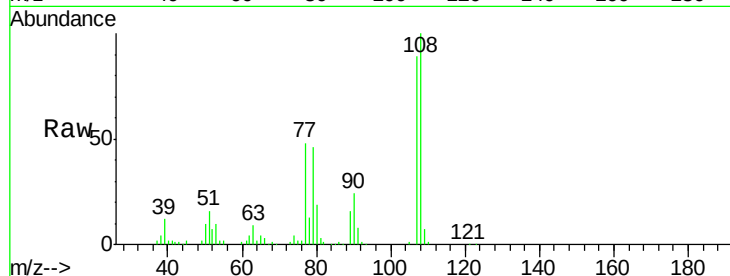




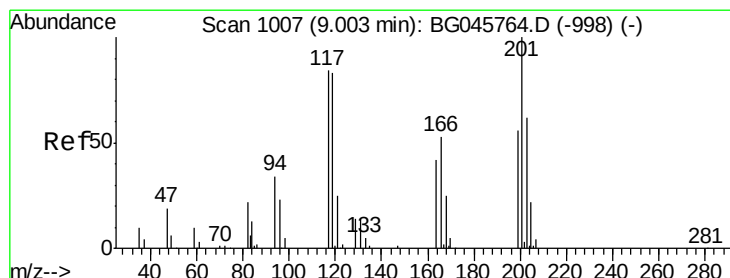
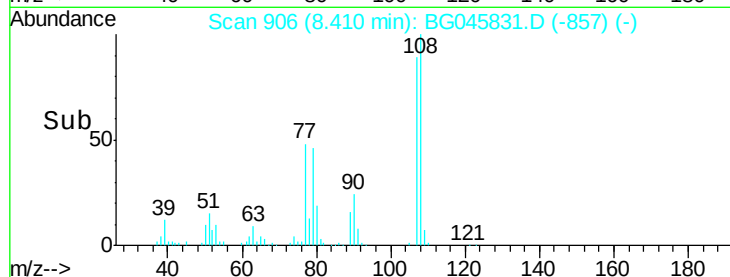
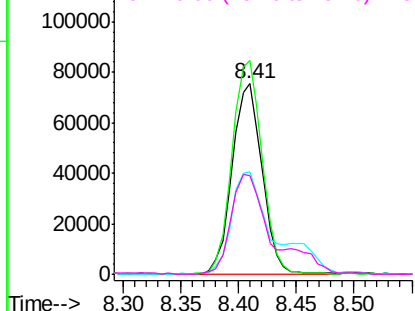
#17
2-Methylphenol
Concen: 43.035 ng
RT: 8.41 min Scan# 906
Delta R.T. -0.01 min
Lab File: BG045831.D
Acq: 23 Jun 2020 8:47

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	136155
Ion	Ratio	Lower	Upper
107	100		
108	112.0	87.4	131.0
77	54.0	42.5	63.7
79	52.0	44.0	66.0

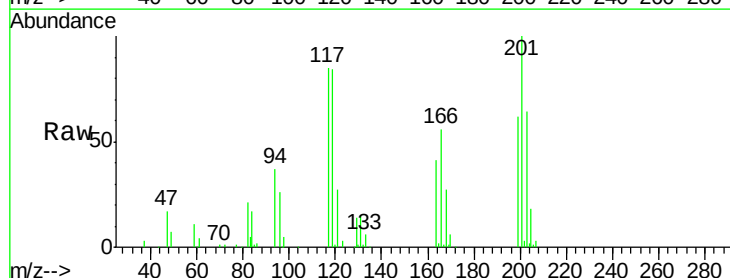


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

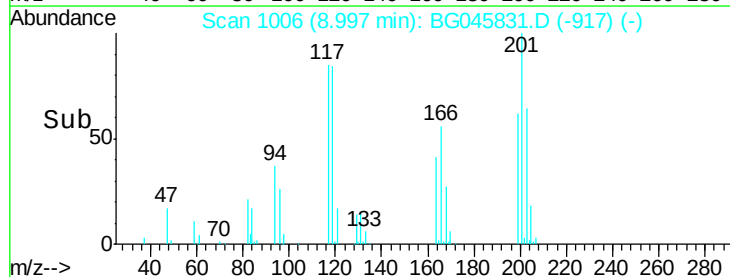
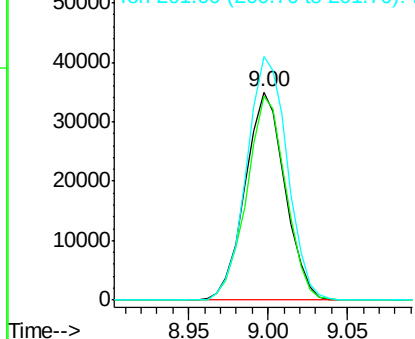


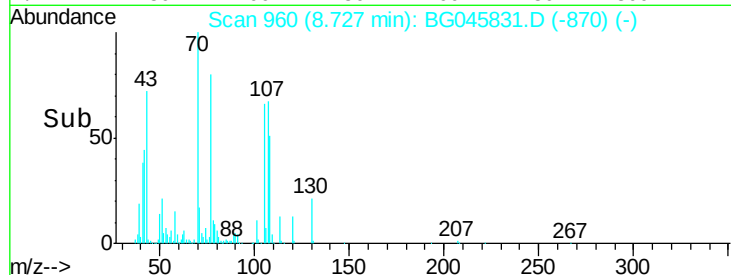
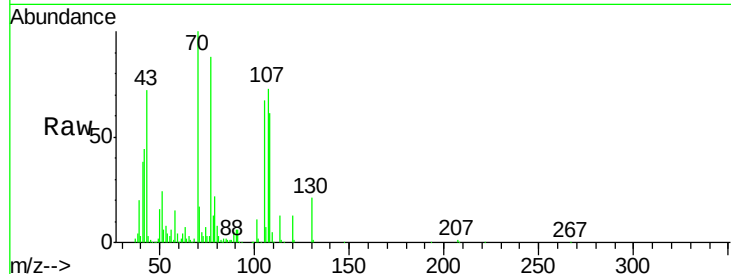
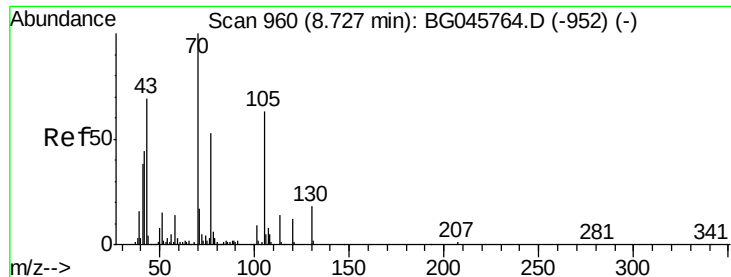
#18
Hexachloroethane
Concen: 43.484 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG045831.D
Acq: 23 Jun 2020 8:47

Tgt Ion:	117	Resp:	60696
Ion	Ratio	Lower	Upper
117	100		
119	98.4	78.9	118.3
201	117.2	95.5	143.3



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

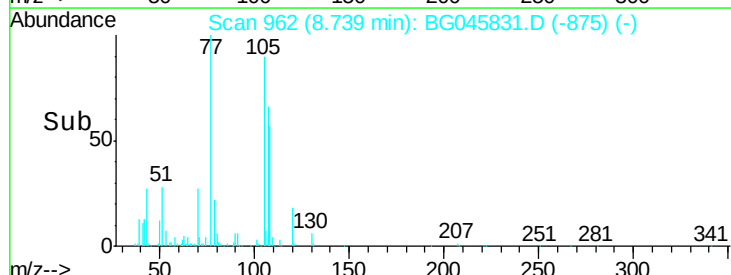
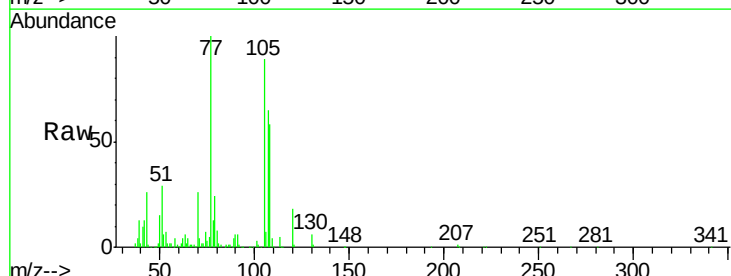
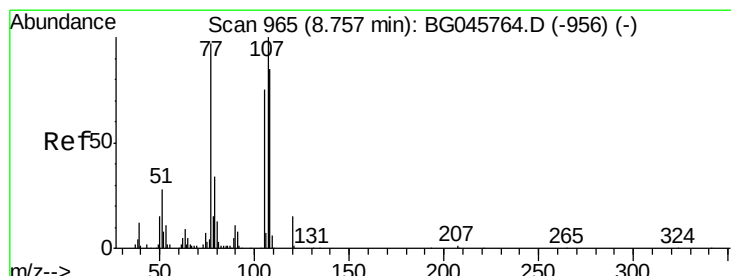
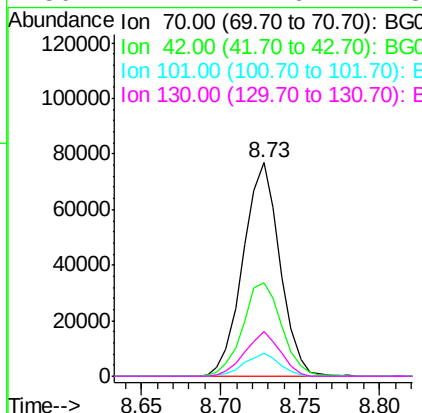




#19
n-Nitroso-di-n-propylamine
Concen: 42.947 ng
RT: 8.73 min Scan# 960
Delta R.T. -0.00 min
Lab File: BG045831.D
Acq: 23 Jun 2020 8:47

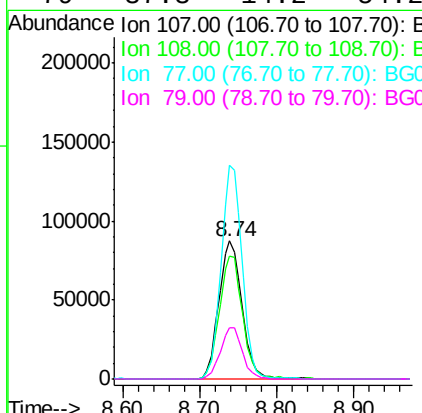
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

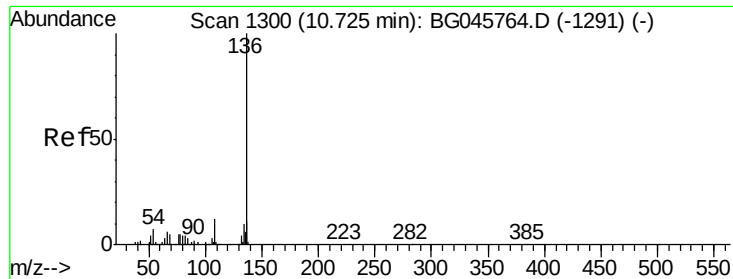
Tot Ion:	70	Resp:	123882
Ion	Ratio	Lower	Upper
70	100		
42	43.7	35.1	52.7
101	10.6	7.4	11.0
130	21.1	14.6	21.8



#20
3+4-Methylphenols
Concen: 43.661 ng
RT: 8.74 min Scan# 962
Delta R.T. -0.02 min
Lab File: BG045831.D
Acq: 23 Jun 2020 8:47

Tgt Ion:	107	Resp:	181670
Ion	Ratio	Lower	Upper
107	100		
108	89.4	65.4	105.4
77	154.8	77.2	117.2#
79	37.3	14.2	54.2

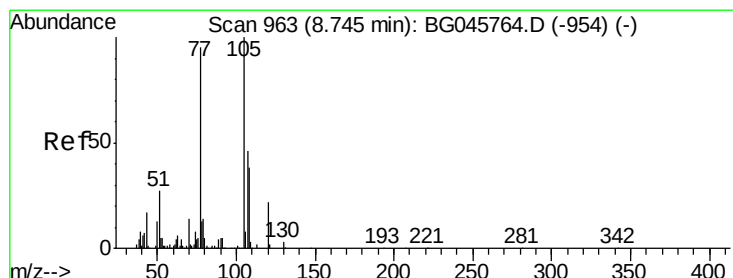
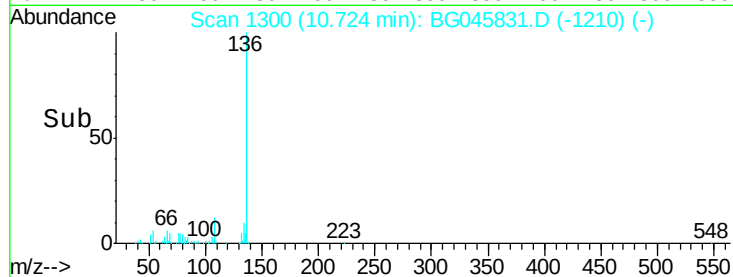
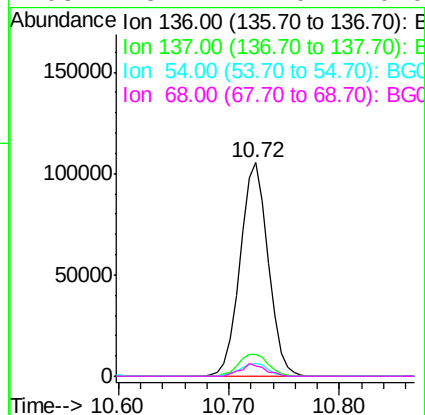
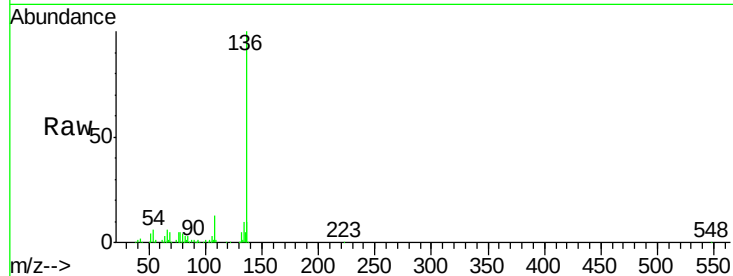




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG045831.D
Acq: 23 Jun 2020 8:47

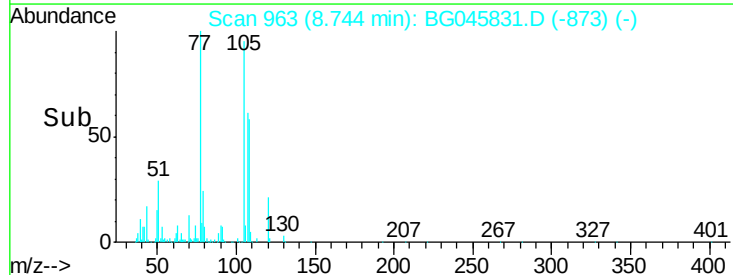
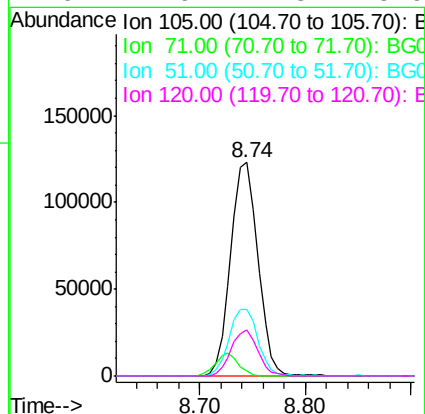
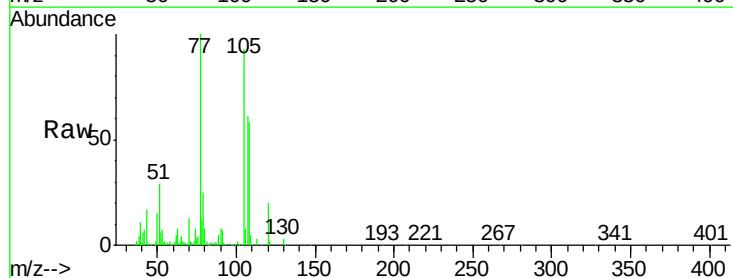
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

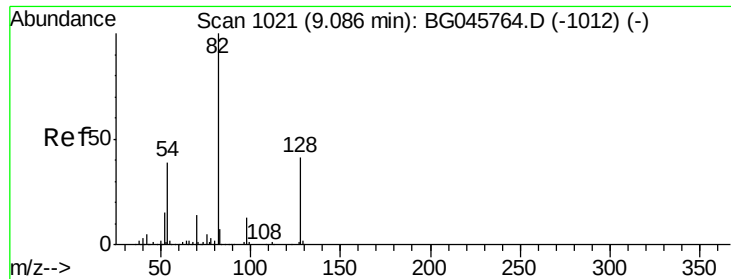
Tot Ion:136	Resp:	187491
Ion Ratio	Lower	Upper
136 100		
137 10.5	8.7	13.1
54 6.1	5.8	8.6
68 5.1	4.0	6.0



#22
Acetophenone
Concen: 42.965 ng
RT: 8.74 min Scan# 963
Delta R.T. -0.00 min
Lab File: BG045831.D
Acq: 23 Jun 2020 8:47

Tgt Ion:105	Resp:	221102
Ion Ratio	Lower	Upper
105 100		
71 2.2	1.8	2.8
51 31.0	21.9	32.9
120 21.6	17.3	25.9

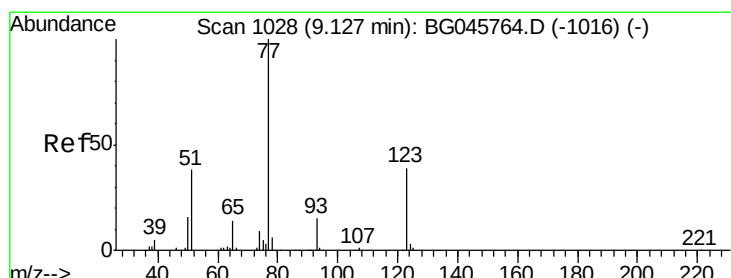
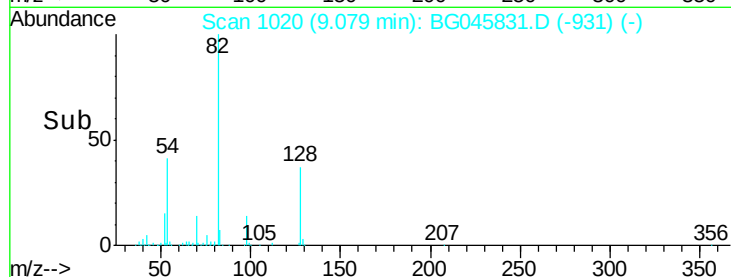
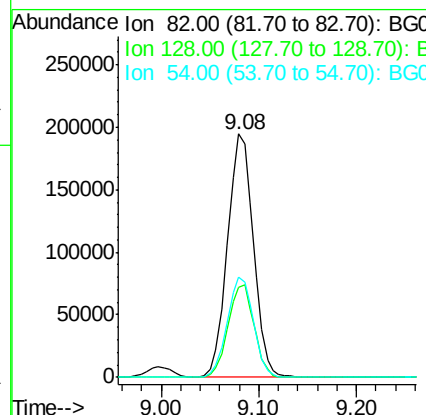
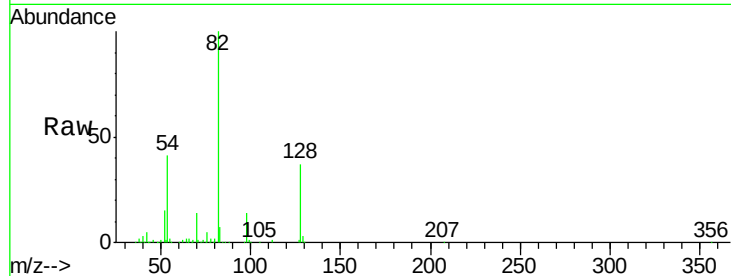




#23
 Nitrobenzene-d5
 Concen: 87.513 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BG045831.D
 Acq: 23 Jun 2020 8:47

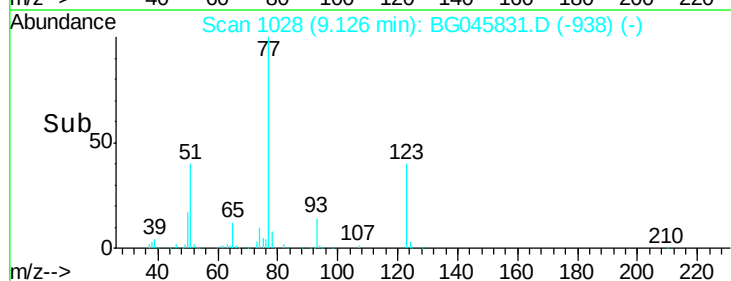
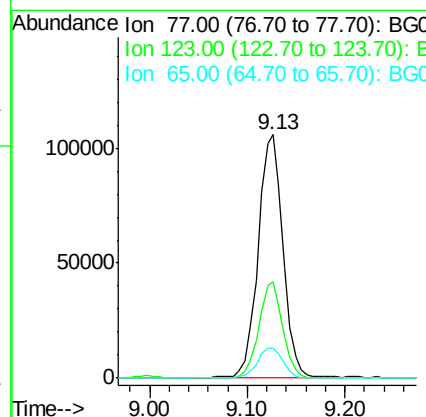
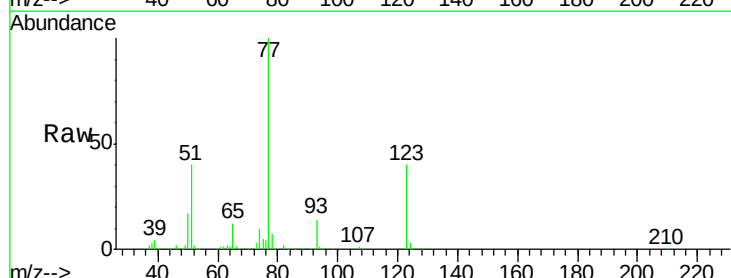
Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

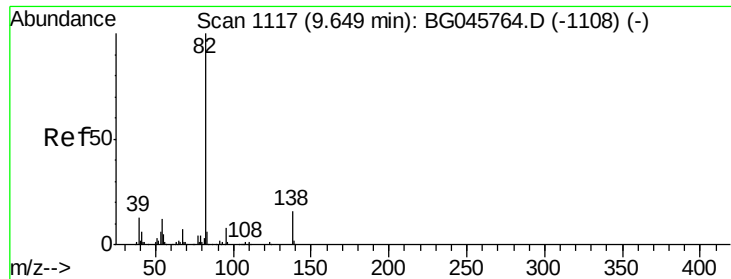
Tot Ion	82	Resp	359165
Ion Ratio	Lower	Upper	
82	100		
128	36.9	32.5	48.7
54	41.1	31.2	46.8



#24
 Nitrobenzene
 Concen: 43.503 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BG045831.D
 Acq: 23 Jun 2020 8:47

Tgt Ion	77	Resp	190367
Ion Ratio	Lower	Upper	
77	100		
123	39.8	31.2	46.8
65	12.2	11.4	17.2





#25

Isophorone

Concen: 42.930 ng

RT: 9.65 min Scan# 1117

Delta R.T. -0.00 min

Lab File: BG045831.D

Acq: 23 Jun 2020 8:47

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

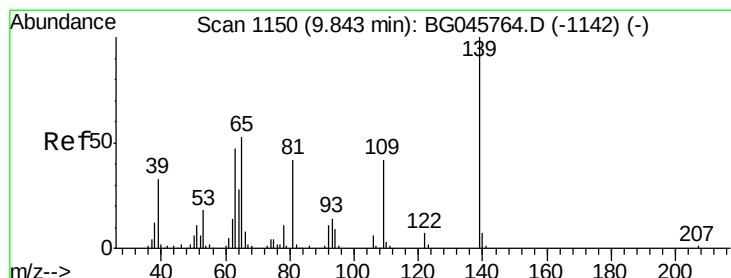
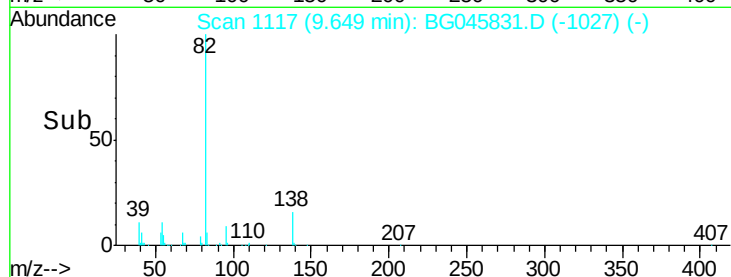
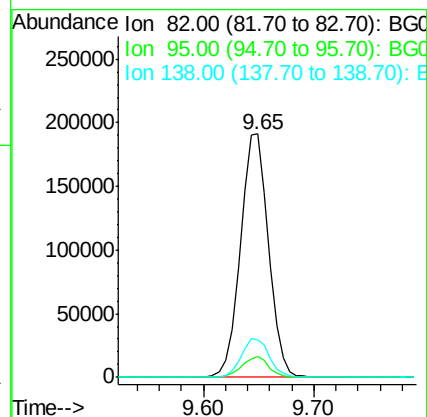
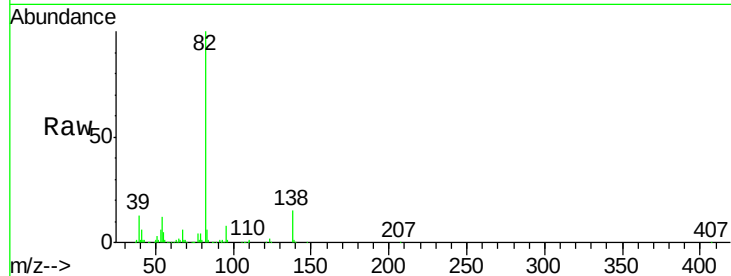
Tot Ion: 82 Resp: 341090

Ion Ratio Lower Upper

82 100

95 8.4 6.2 9.4

138 15.5 12.6 18.8



#26

2-Nitrophenol

Concen: 43.199 ng

RT: 9.84 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BG045831.D

Acq: 23 Jun 2020 8:47

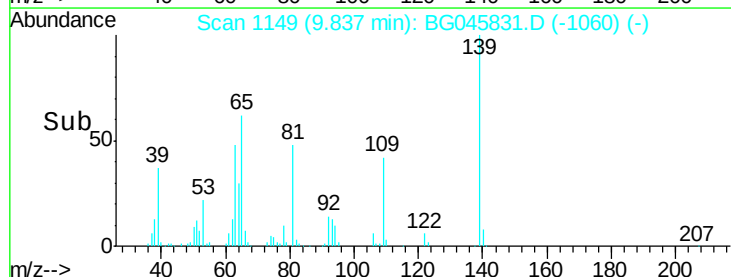
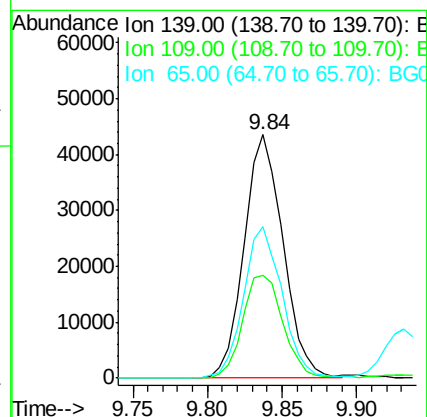
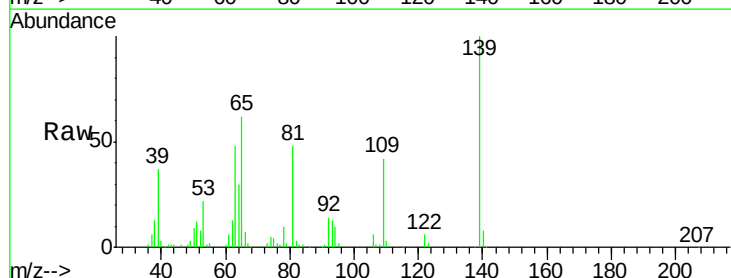
Tgt Ion: 139 Resp: 78757

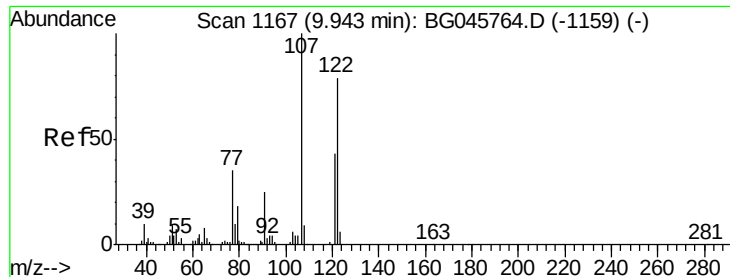
Ion Ratio Lower Upper

139 100

109 42.0 33.5 50.3

65 62.4 42.2 63.4

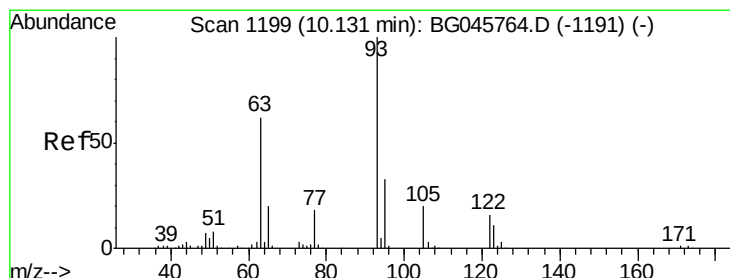
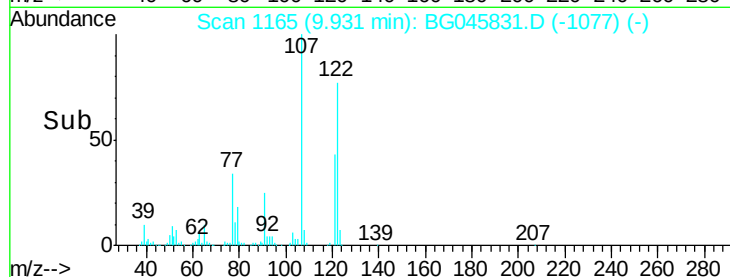
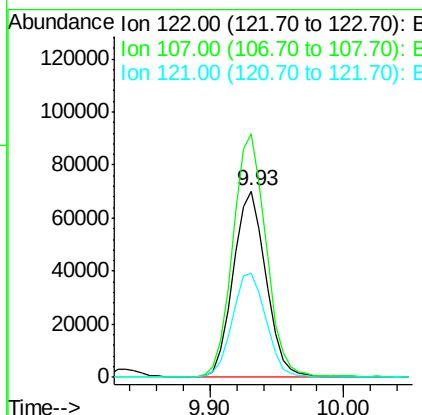
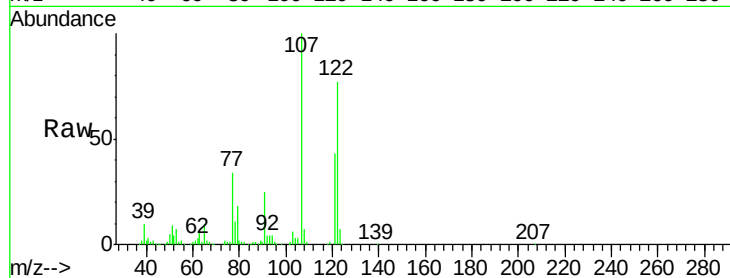




#27
 2,4-Dimethylphenol
 Concen: 43.048 ng
 RT: 9.93 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BG045831.D
 Acq: 23 Jun 2020 8:47

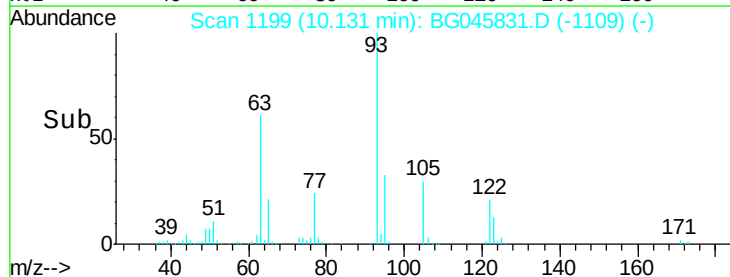
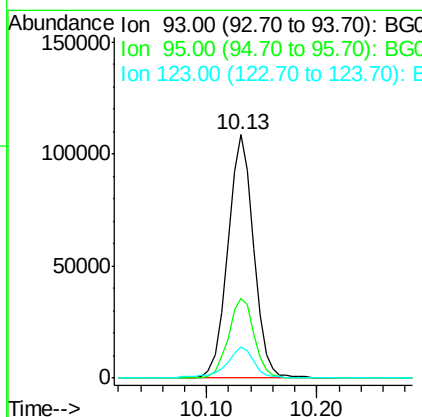
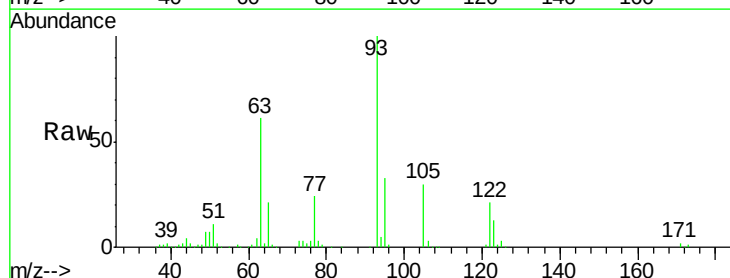
Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

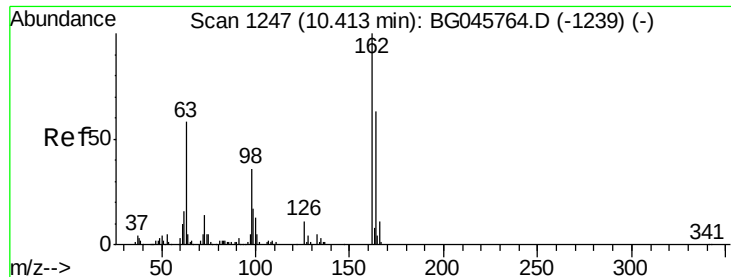
Tot Ion:122 Resp: 119820
 Ion Ratio Lower Upper
 122 100
 107 130.6 101.3 151.9
 121 56.0 43.9 65.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.771 ng
 RT: 10.13 min Scan# 1199
 Delta R.T. -0.00 min
 Lab File: BG045831.D
 Acq: 23 Jun 2020 8:47

Tgt Ion: 93 Resp: 177508
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.3 39.5
 123 12.7 9.3 13.9

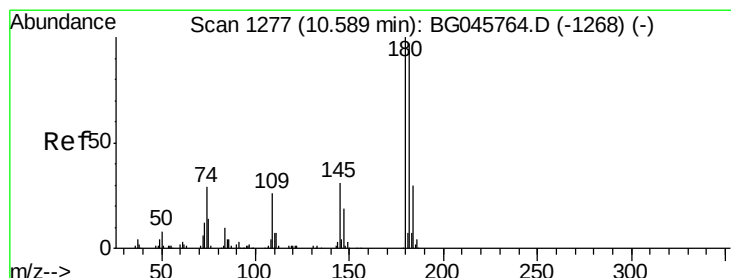
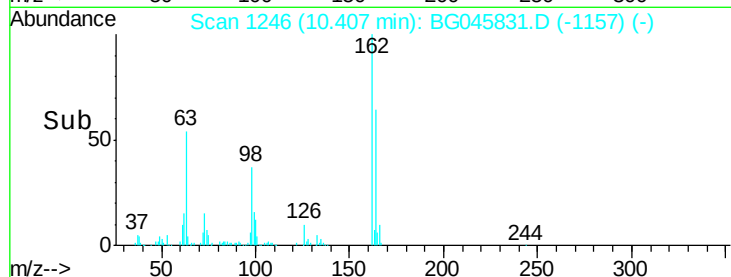
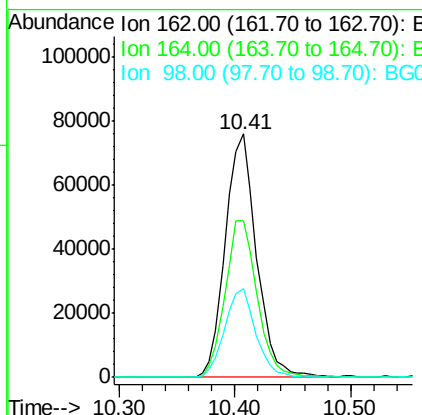
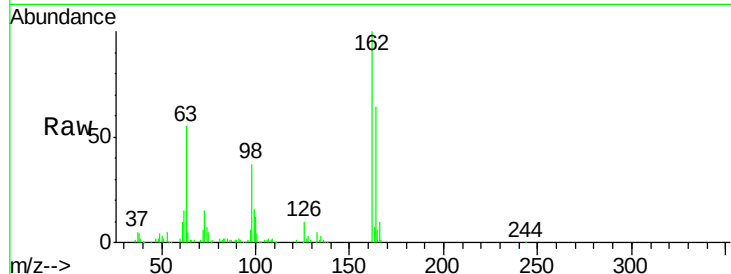




#29
 2,4-Dichlorophenol
 Concen: 43.882 ng
 RT: 10.41 min Scan# 1246
 Delta R.T. -0.01 min
 Lab File: BG045831.D
 Acq: 23 Jun 2020 8:47

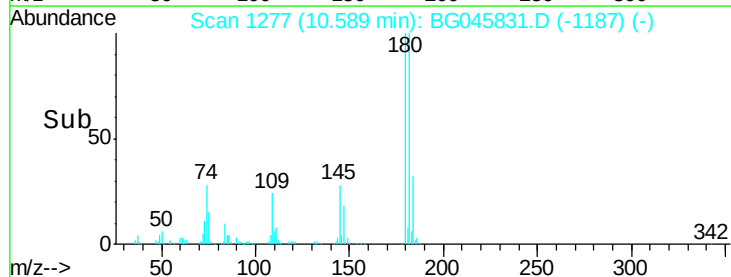
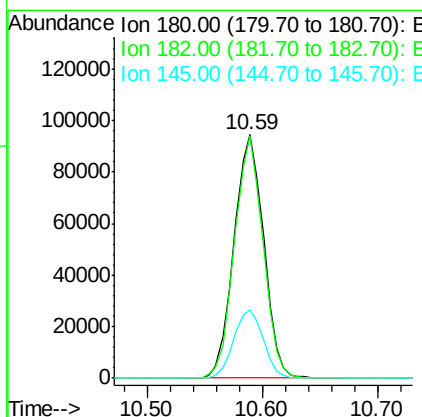
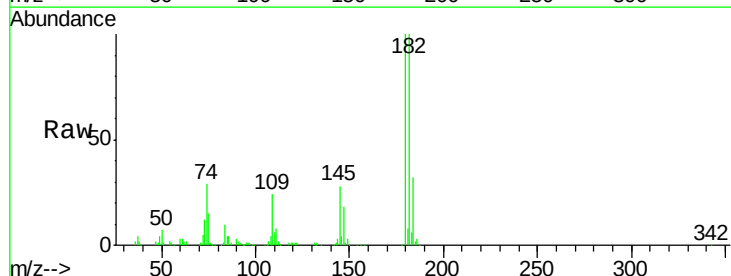
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

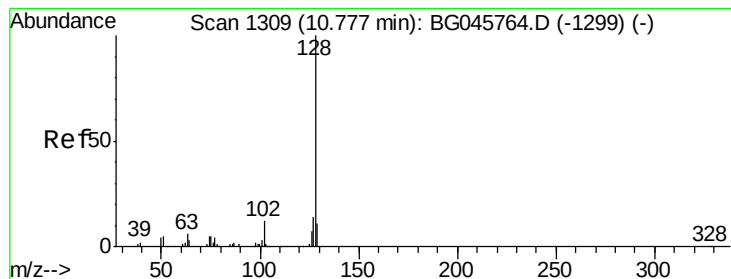
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	43.3	83.3
98	36.6	15.5	55.5



#30
 1,2,4-Trichlorobenzene
 Concen: 43.776 ng
 RT: 10.59 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: BG045831.D
 Acq: 23 Jun 2020 8:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.7	77.8	116.6
145	27.8	24.5	36.7





#31

Naphthalene

Concen: 42.939 ng

RT: 10.77 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BG045831.D

Acq: 23 Jun 2020 8:47

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

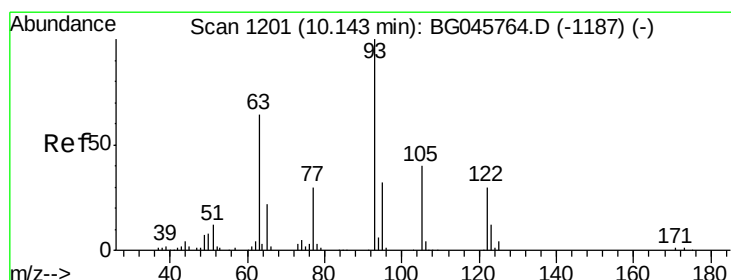
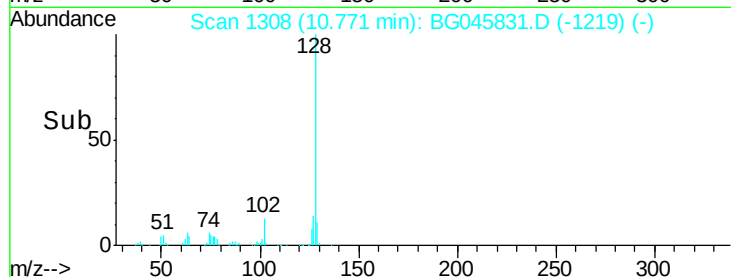
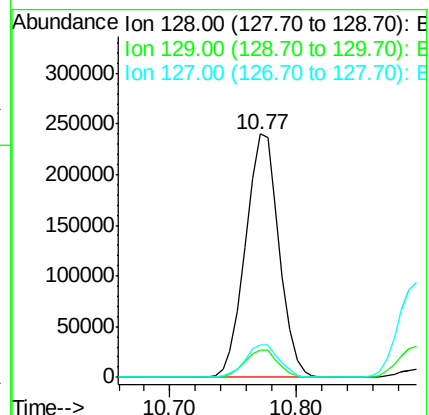
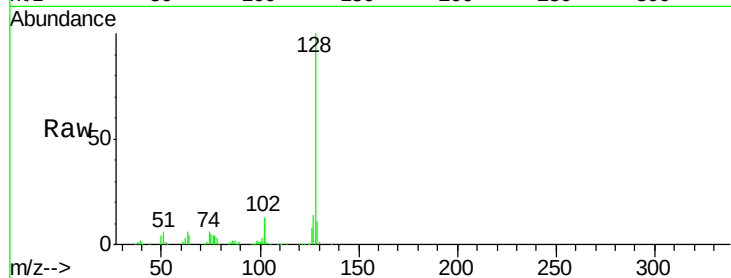
Tot Ion:128 Resp: 440143

Ion Ratio Lower Upper

128 100

129 11.5 8.6 13.0

127 13.5 10.9 16.3



#32

Benzoic acid

Concen: 44.873 ng

RT: 10.12 min Scan# 1198

Delta R.T. -0.02 min

Lab File: BG045831.D

Acq: 23 Jun 2020 8:47

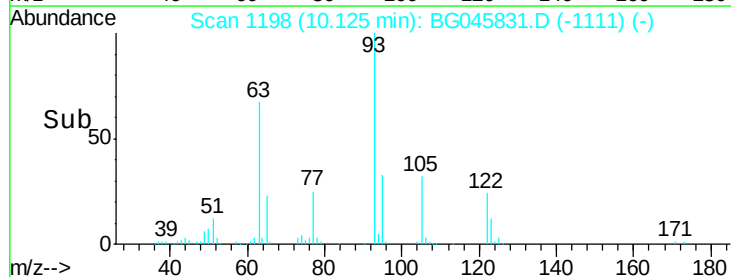
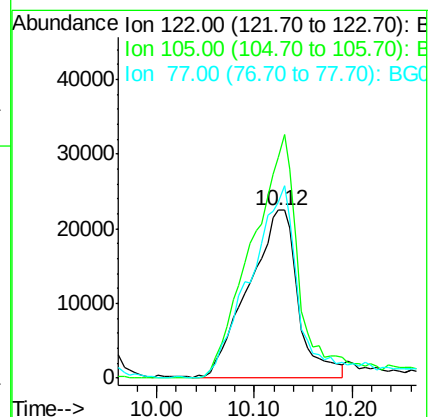
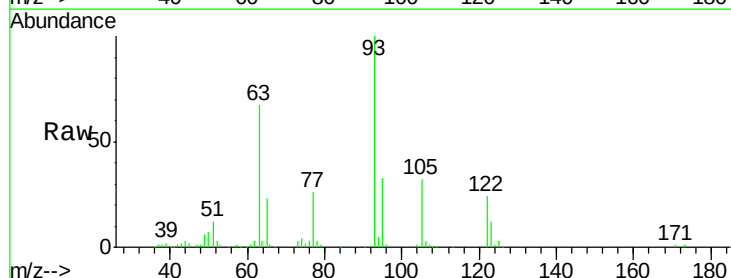
Tgt Ion:122 Resp: 79704

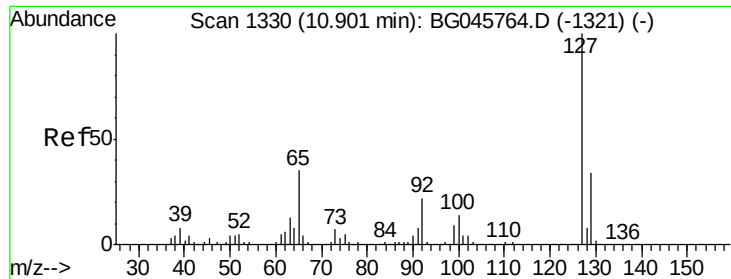
Ion Ratio Lower Upper

122 100

105 131.5 112.9 152.9

77 104.7 79.2 119.2

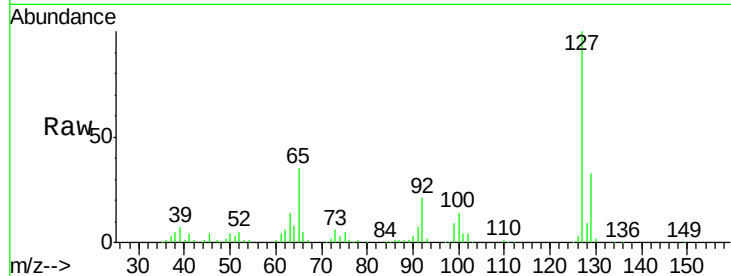




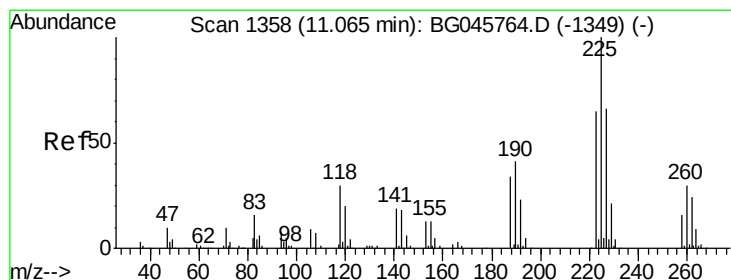
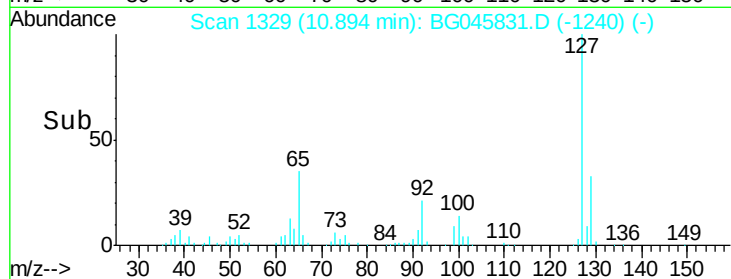
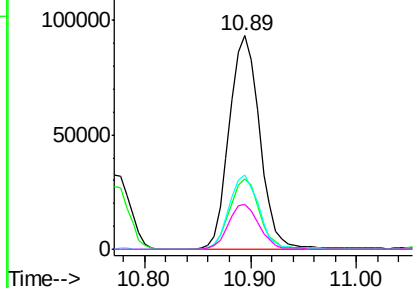
#33
4-Chloroaniline
Concen: 43.493 ng
RT: 10.89 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BG045831.D
Acq: 23 Jun 2020 8:47

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	186697
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.8	40.2
65	34.7	27.8	41.8
92	20.9	17.3	25.9

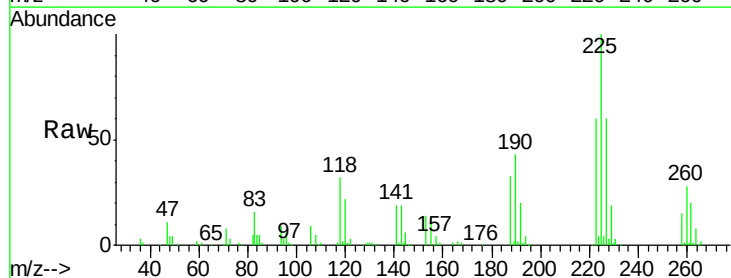


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

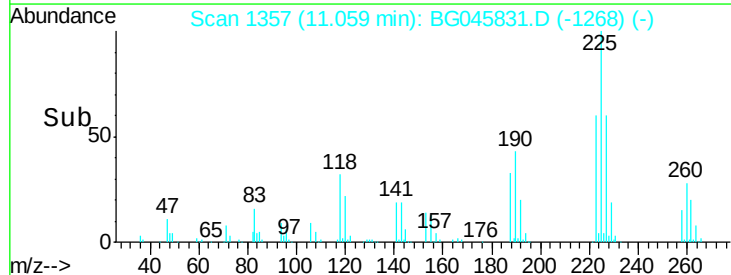
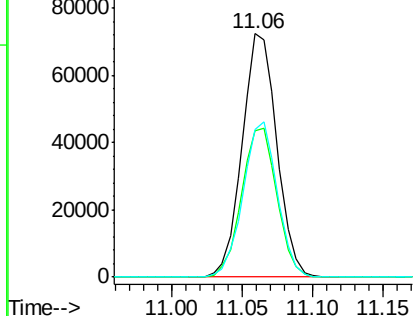


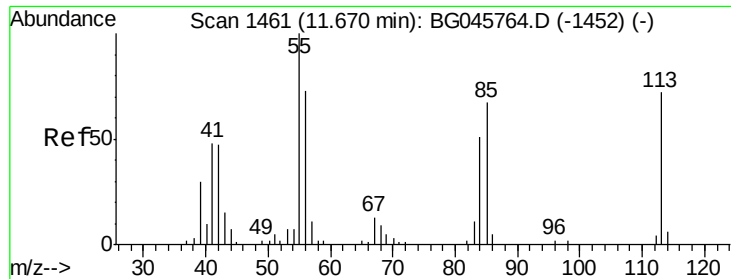
#34
Hexachlorobutadiene
Concen: 45.503 ng
RT: 11.06 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BG045831.D
Acq: 23 Jun 2020 8:47

Tgt Ion:	225	Resp:	124410
Ion	Ratio	Lower	Upper
225	100		
223	60.0	52.0	78.0
227	60.4	52.5	78.7



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





#35

Caprolactam

Concen: 45.419 ng

RT: 11.67 min Scan# 1461

Delta R.T. -0.00 min

Lab File: BG045831.D

Acq: 23 Jun 2020 8:47

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

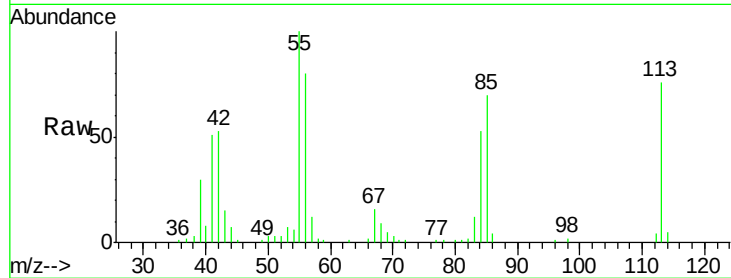
Tot Ion:113 Resp: 47730

Ion Ratio Lower Upper

113 100

55 131.7 119.7 159.7

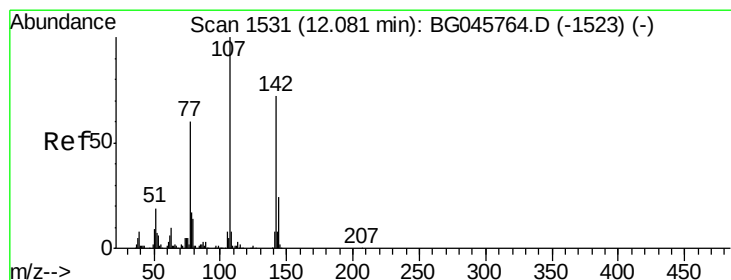
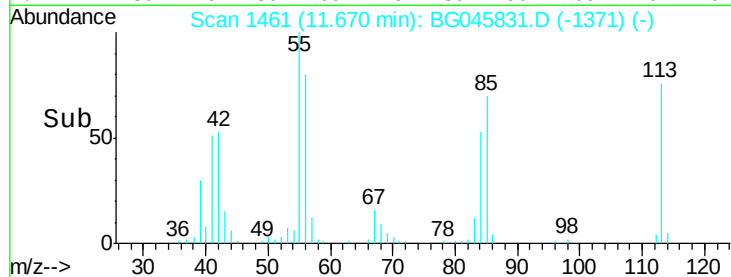
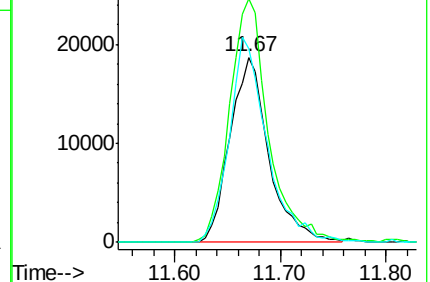
56 105.1 82.5 122.5



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 42.860 ng

RT: 12.06 min Scan# 1528

Delta R.T. -0.02 min

Lab File: BG045831.D

Acq: 23 Jun 2020 8:47

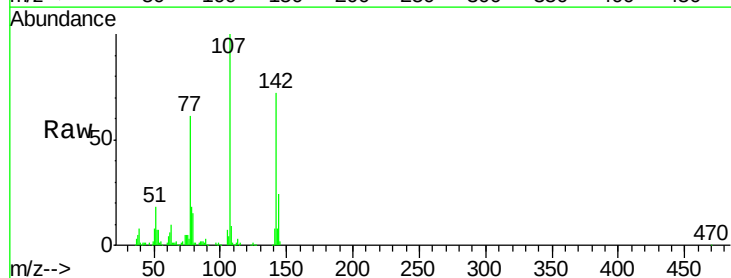
Tgt Ion:107 Resp: 160702

Ion Ratio Lower Upper

107 100

144 24.2 19.5 29.3

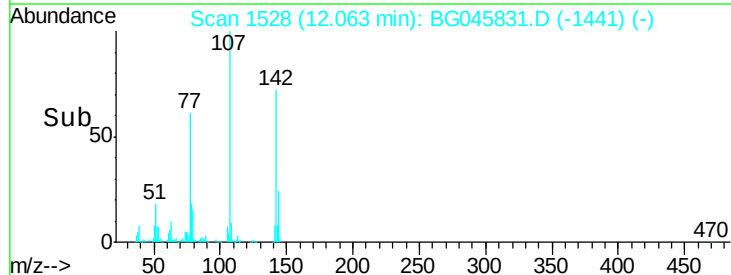
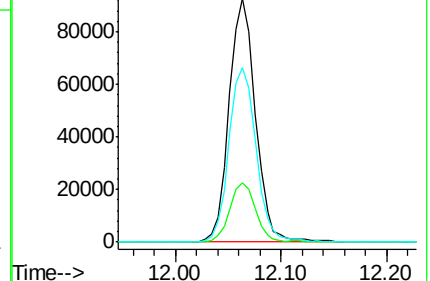
142 71.5 57.4 86.0

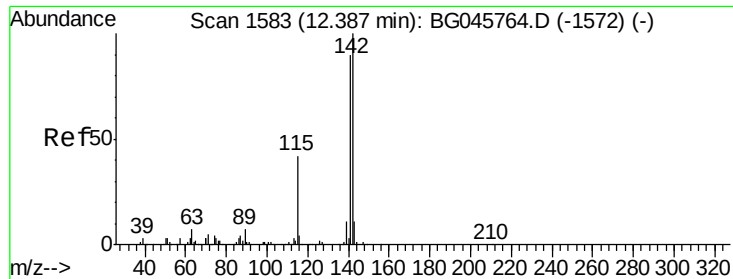


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

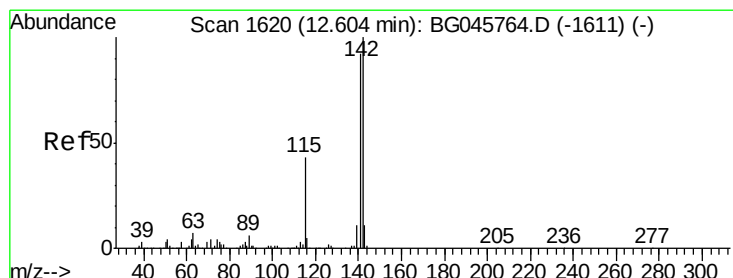
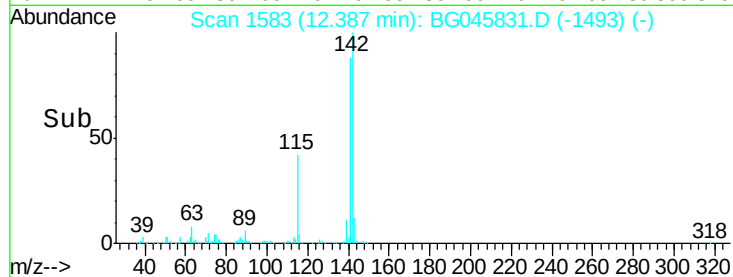
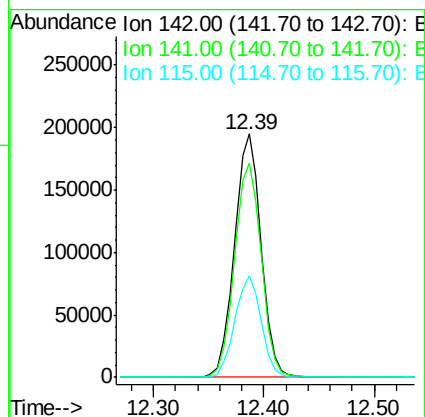
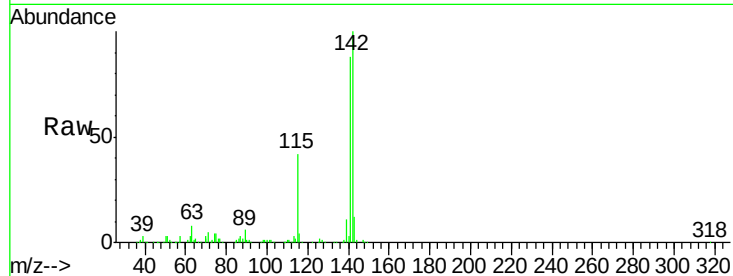




#37
 2-Methylnaphthalene
 Concen: 43.168 ng
 RT: 12.39 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: BG045831.D
 Acq: 23 Jun 2020 8:47

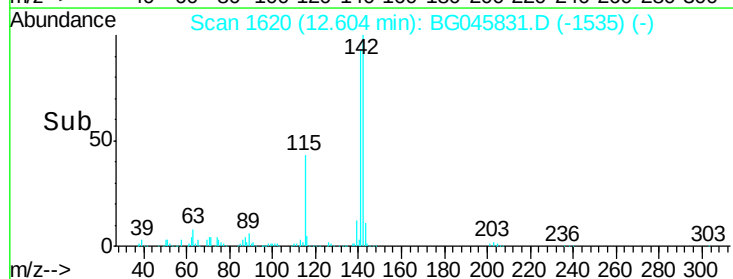
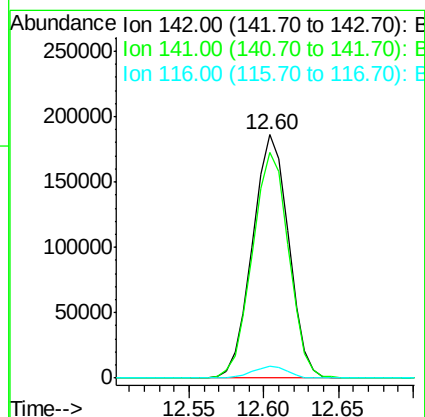
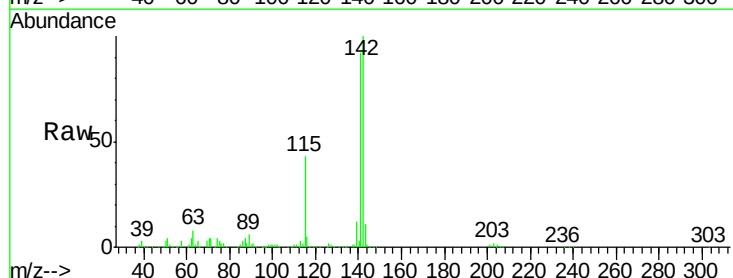
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

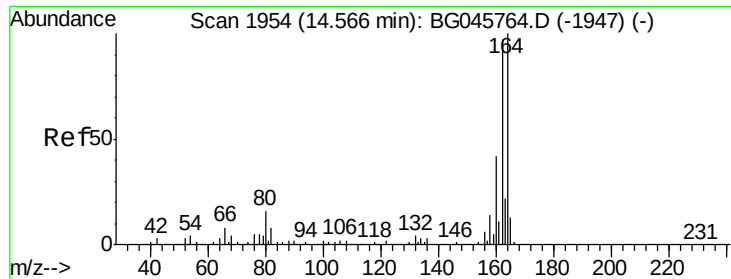
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.8	71.7	107.5
115	41.8	33.8	50.6



#38
 1-Methylnaphthalene
 Concen: 43.056 ng
 RT: 12.60 min Scan# 1620
 Delta R.T. -0.00 min
 Lab File: BG045831.D
 Acq: 23 Jun 2020 8:47

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	73.8	110.8
116	4.8	3.8	5.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1954

Delta R.T. -0.00 min

Lab File: BG045831.D

Acq: 23 Jun 2020 8:47

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

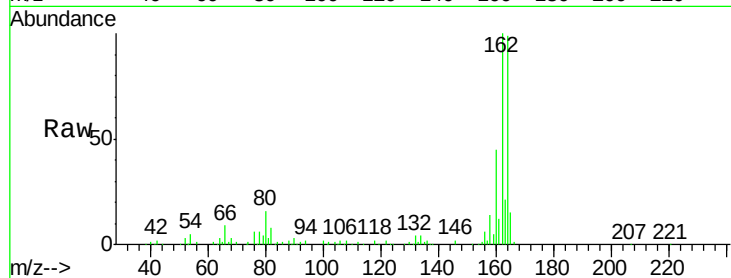
Tot Ion:164 Resp: 133757

Ion Ratio Lower Upper

164 100

162 101.0 77.4 116.0

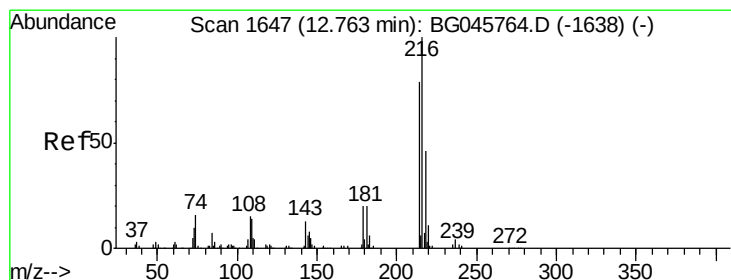
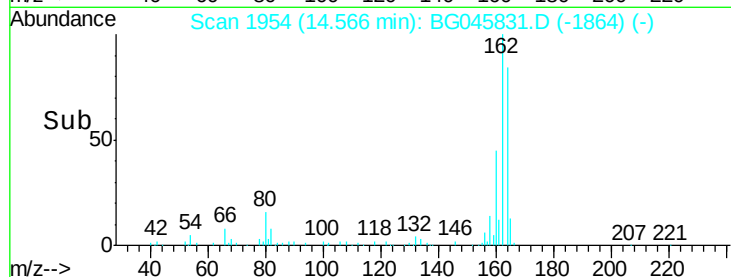
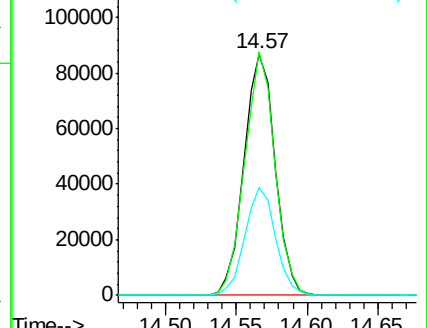
160 45.0 33.3 49.9



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: 43.895 ng

RT: 12.76 min Scan# 1646

Delta R.T. -0.01 min

Lab File: BG045831.D

Acq: 23 Jun 2020 8:47

Tgt Ion:216 Resp: 193327

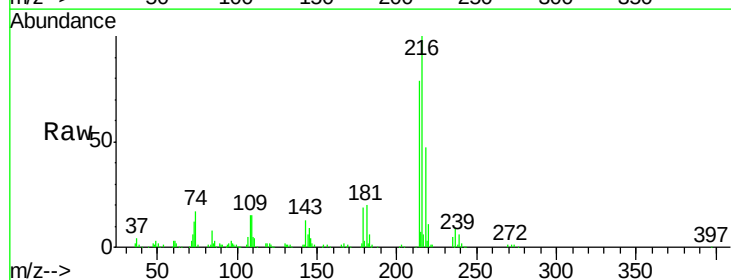
Ion Ratio Lower Upper

216 100

214 79.4 62.8 94.2

179 20.0 16.2 24.4

108 17.2 13.4 20.2

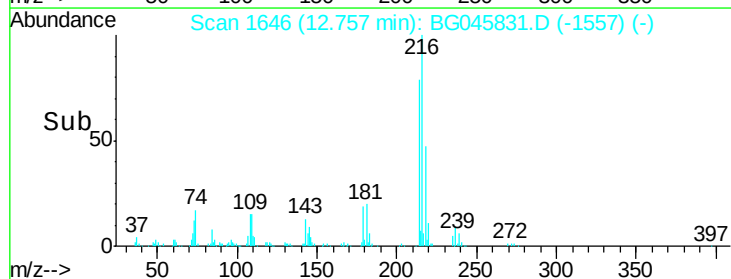
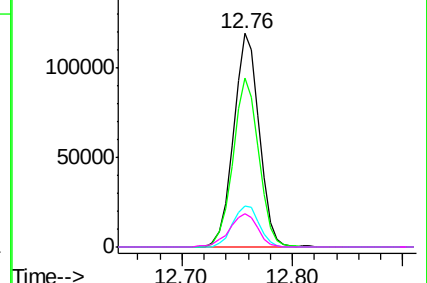


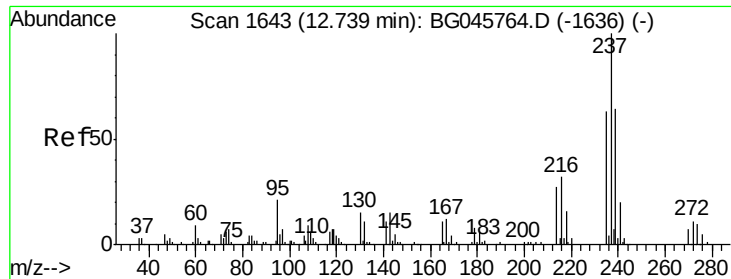
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 40.796 ng

RT: 12.74 min Scan# 1643

Delta R.T. 0.00 min

Lab File: BG045831.D

Acq: 23 Jun 2020 8:47

Instrument :

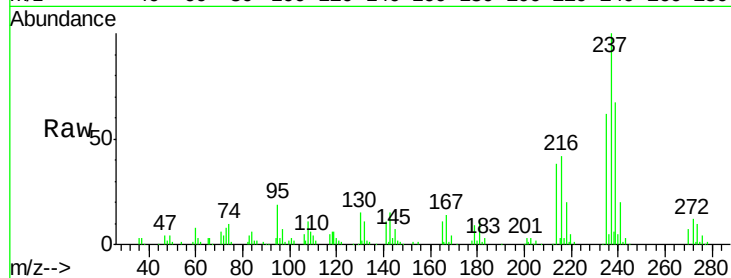
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:237 Resp: 88030

Ion	Ratio	Lower	Upper
237	100		
235	62.4	42.9	82.9
272	11.8	0.0	30.9

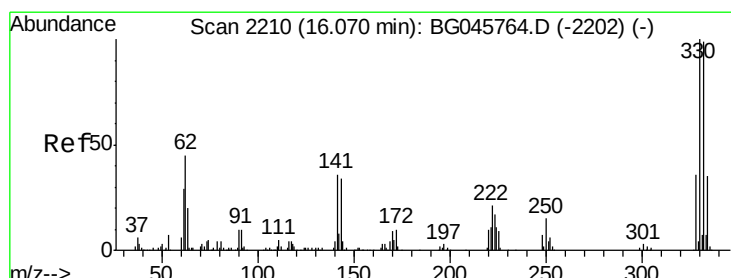
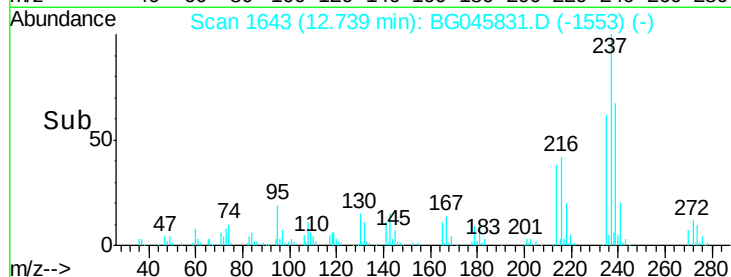
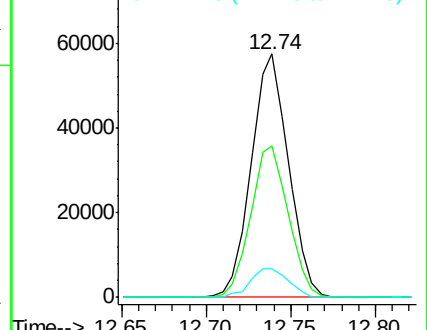


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 85.297 ng

RT: 16.06 min Scan# 2209

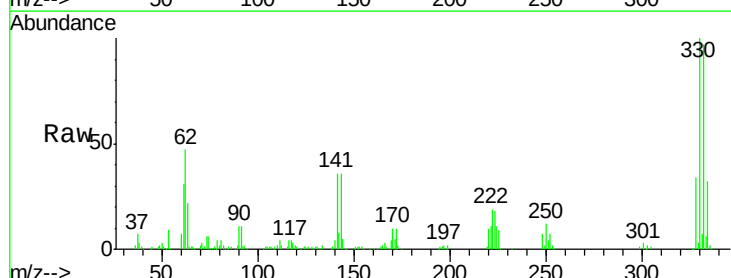
Delta R.T. -0.01 min

Lab File: BG045831.D

Acq: 23 Jun 2020 8:47

Tgt Ion:330 Resp: 172248

Ion	Ratio	Lower	Upper
330	100		
332	96.7	78.6	117.8
141	34.2	28.2	42.4

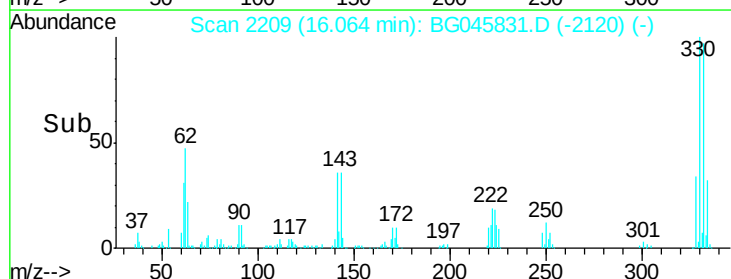
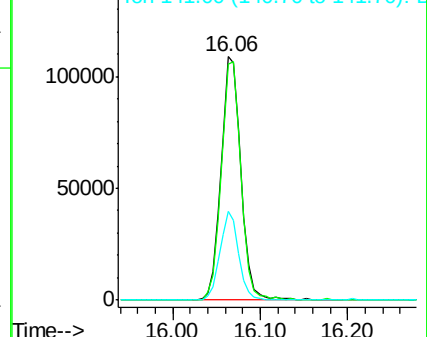


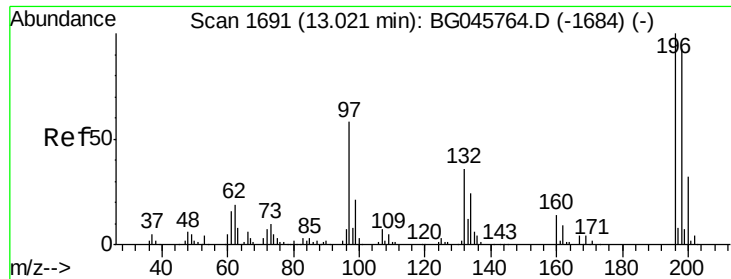
Abundance

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

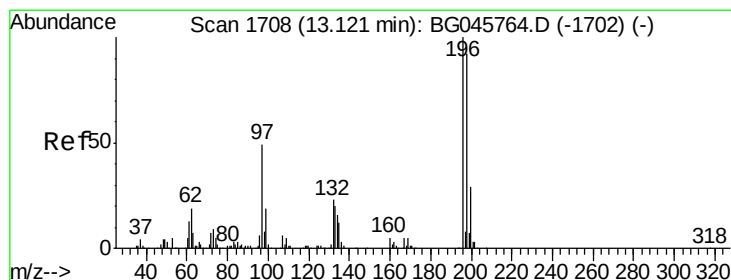
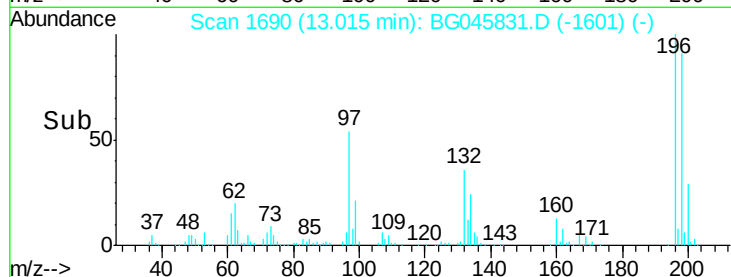
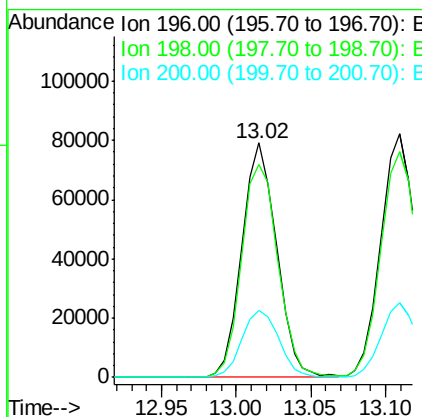
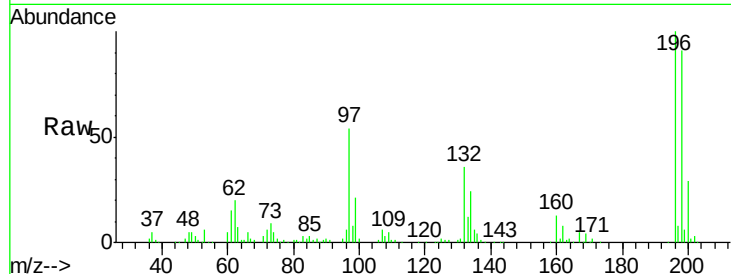




#43
 2,4,6-Trichlorophenol
 Concen: 42.770 ng
 RT: 13.02 min Scan# 1690
 Delta R.T. -0.01 min
 Lab File: BG045831.D
 Acq: 23 Jun 2020 8:47

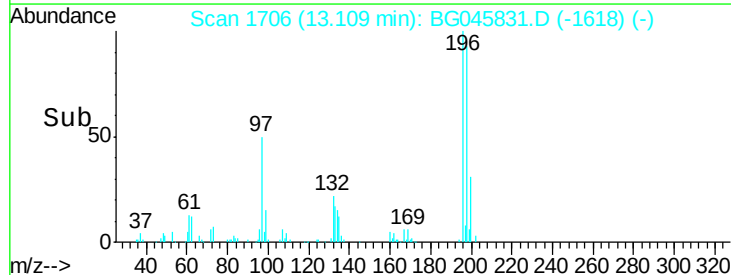
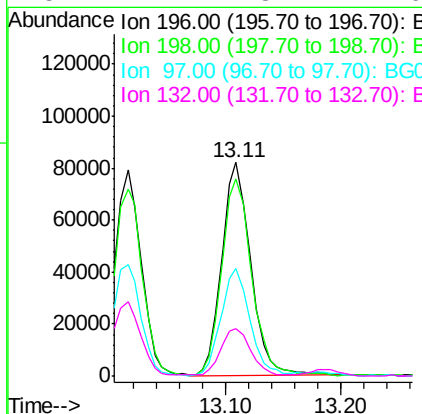
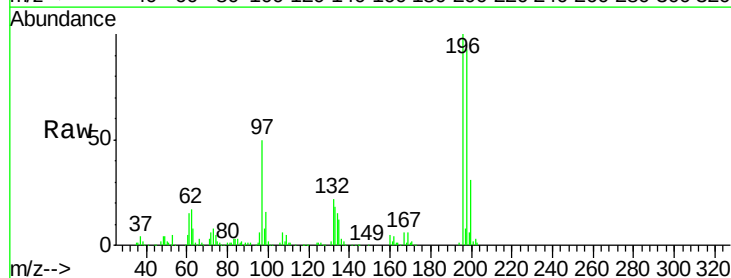
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

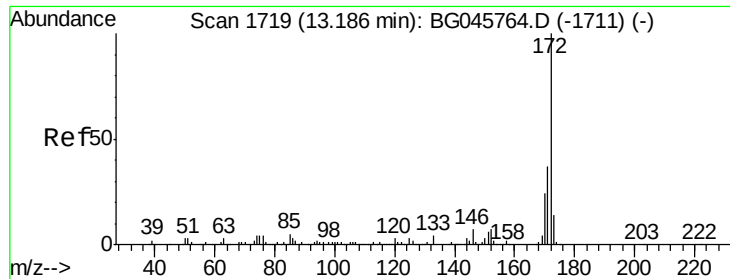
Tot Ion:196 Resp: 127716
 Ion Ratio Lower Upper
 196 100
 198 91.0 74.4 111.6
 200 28.7 25.4 38.2



#44
 2,4,5-Trichlorophenol
 Concen: 41.858 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BG045831.D
 Acq: 23 Jun 2020 8:47

Tgt Ion:196 Resp: 142457
 Ion Ratio Lower Upper
 196 100
 198 92.6 74.0 111.0
 97 50.1 39.0 58.6
 132 22.2 18.4 27.6

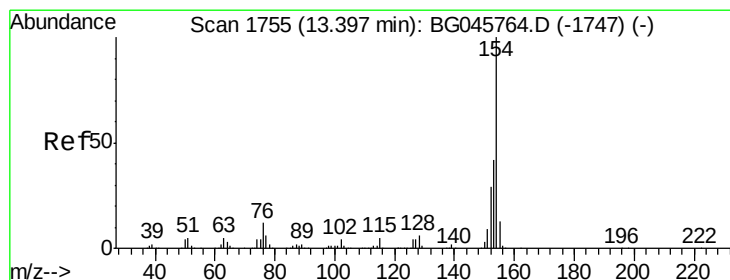
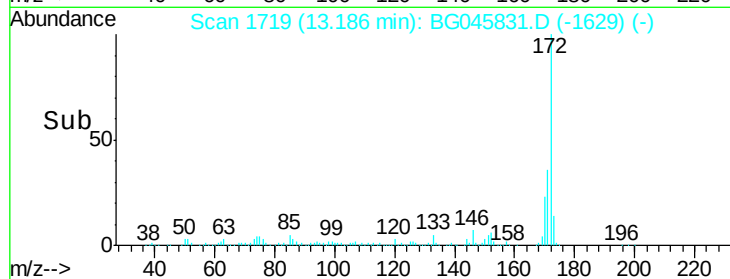
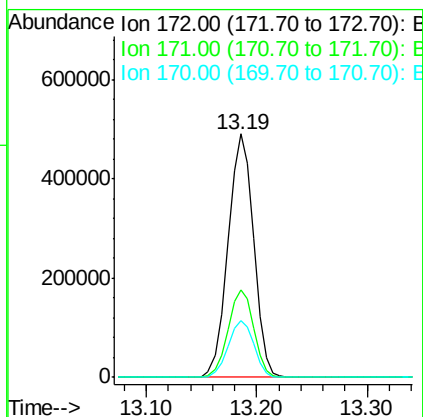
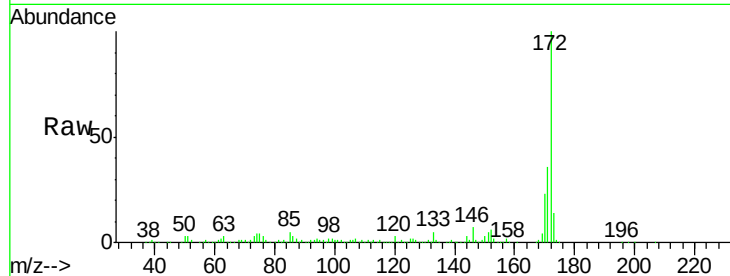




#45
2-Fluorobiphenyl
Concen: 87.427 ng
RT: 13.19 min Scan# 1719
Delta R.T. -0.00 min
Lab File: BG045831.D
Acq: 23 Jun 2020 8:47

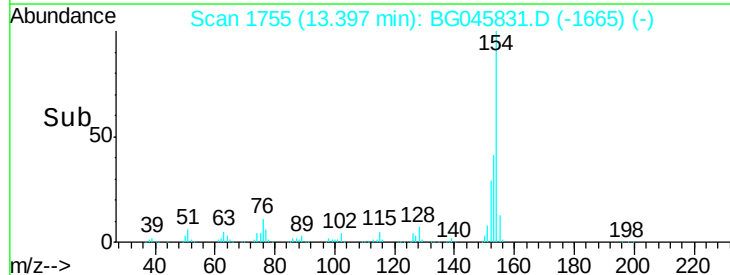
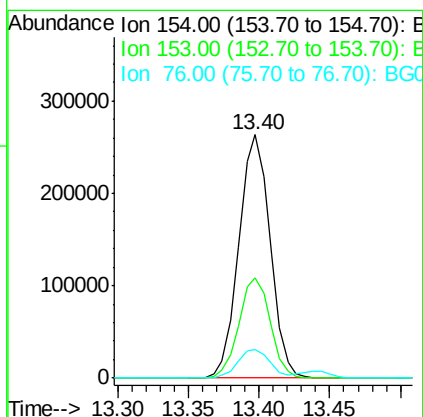
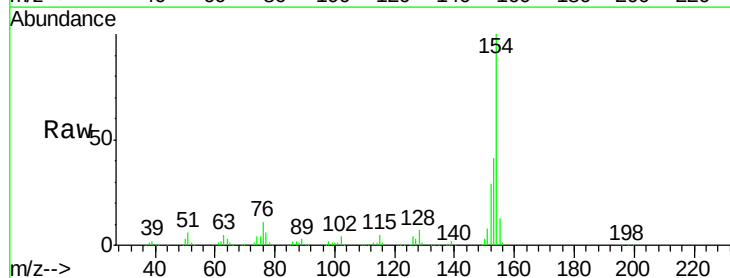
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

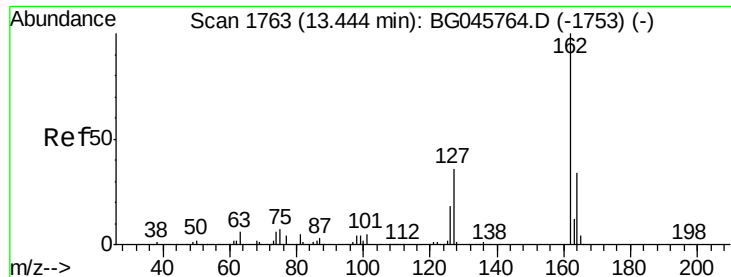
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.9	44.9
170	23.2	19.3	28.9



#46
1,1'-Biphenyl
Concen: 42.611 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.00 min
Lab File: BG045831.D
Acq: 23 Jun 2020 8:47

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.7	61.7
76	11.5	0.0	32.0

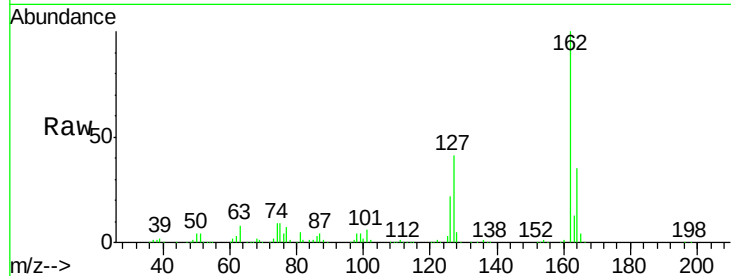




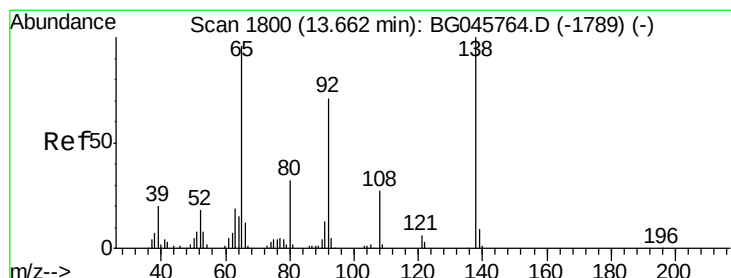
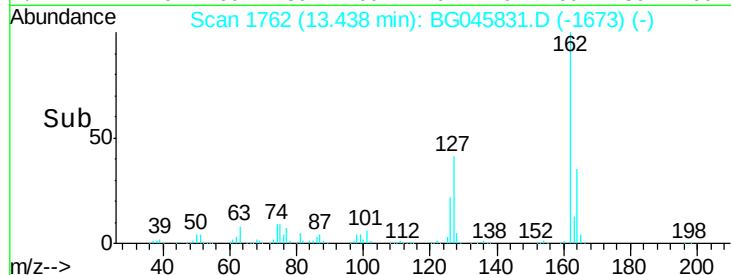
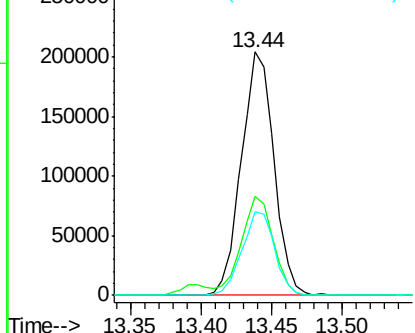
#47
2-Chloronaphthalene
Concen: 42.857 ng
RT: 13.44 min Scan# 1762
Delta R.T. -0.01 min
Lab File: BG045831.D
Acq: 23 Jun 2020 8:47

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:162 Resp: 331524
Ion Ratio Lower Upper
162 100
127 40.6 30.5 45.7
164 34.6 27.2 40.8

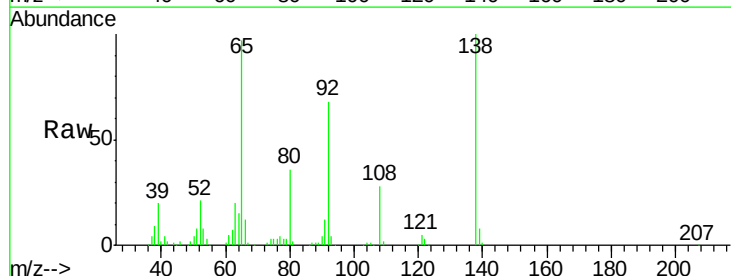


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

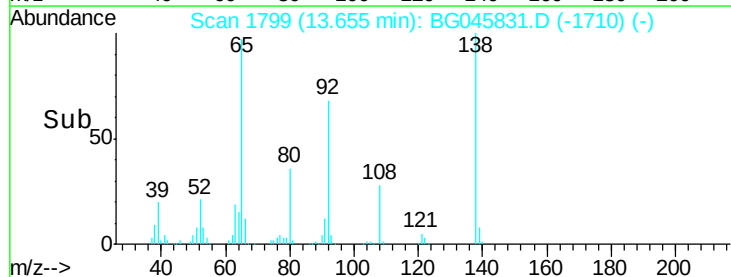
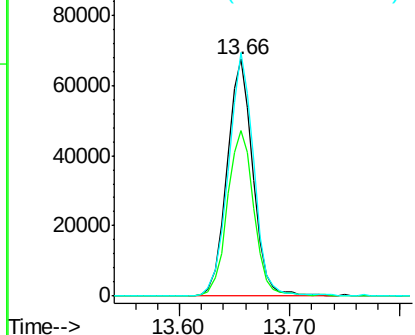


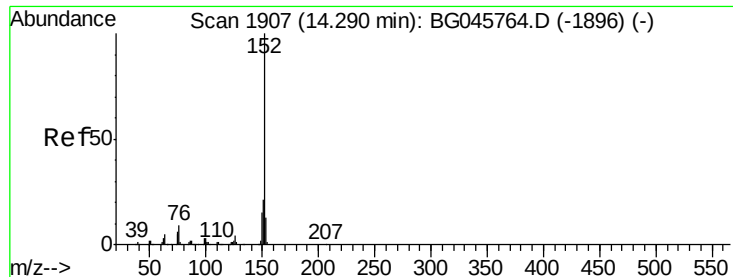
#48
2-Nitroaniline
Concen: 43.002 ng
RT: 13.66 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BG045831.D
Acq: 23 Jun 2020 8:47

Tgt Ion: 65 Resp: 110649
Ion Ratio Lower Upper
65 100
92 70.1 59.0 88.6
138 102.7 83.6 125.4



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.626 ng

RT: 14.29 min Scan# 1907

Delta R.T. -0.00 min

Lab File: BG045831.D

Acq: 23 Jun 2020 8:47

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

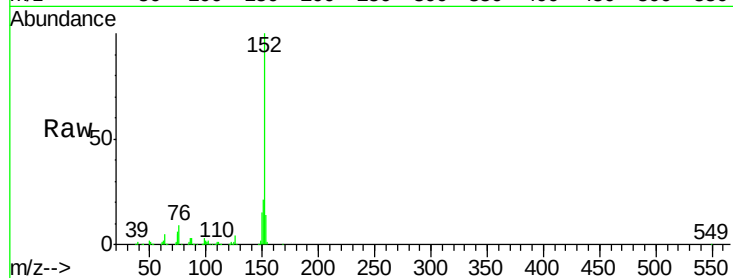
Tot Ion:152 Resp: 528156

Ion Ratio Lower Upper

152 100

151 21.2 17.0 25.4

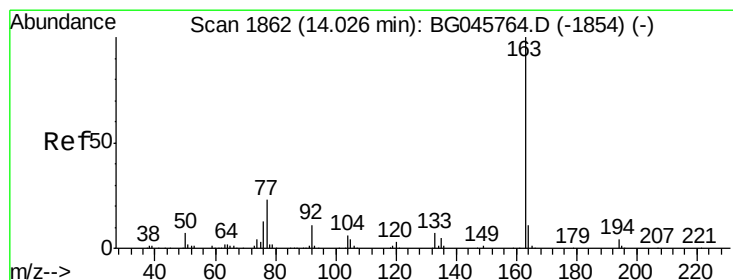
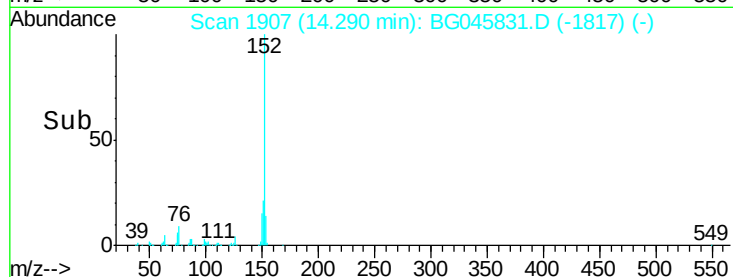
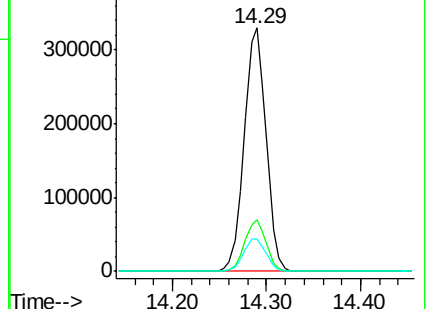
153 13.6 10.6 15.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.059 ng

RT: 14.03 min Scan# 1862

Delta R.T. -0.00 min

Lab File: BG045831.D

Acq: 23 Jun 2020 8:47

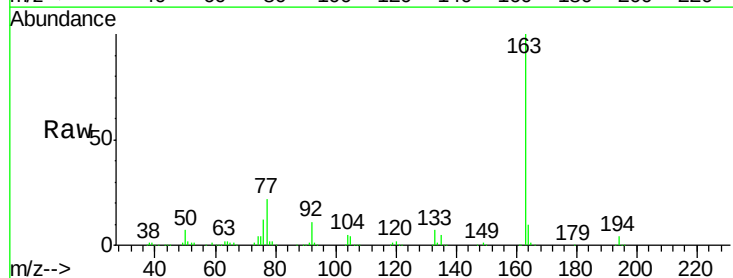
Tgt Ion:163 Resp: 451191

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

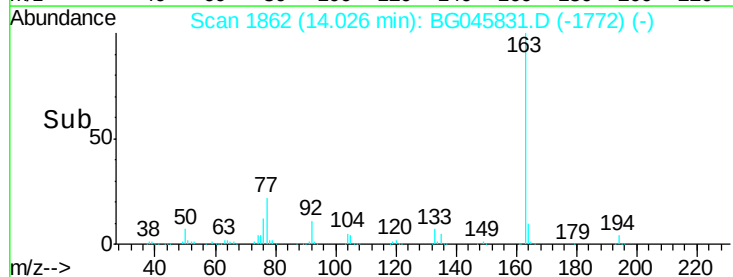
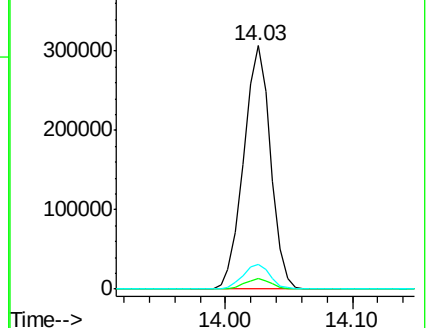
164 10.4 8.9 13.3

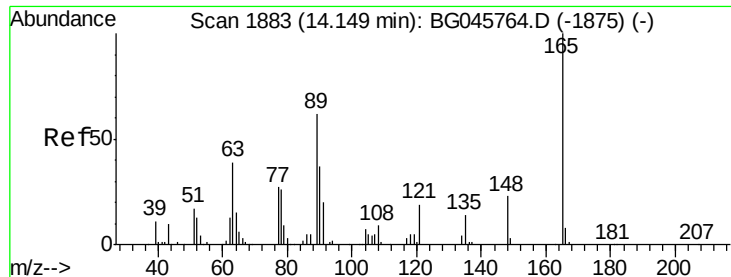


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

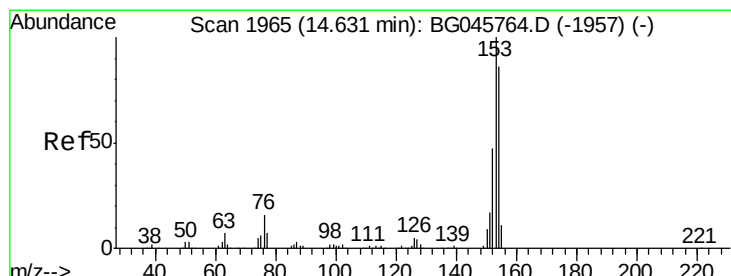
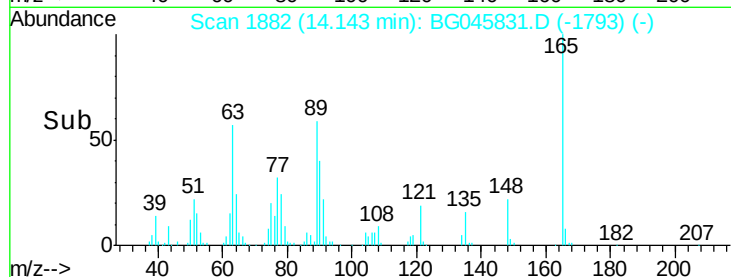
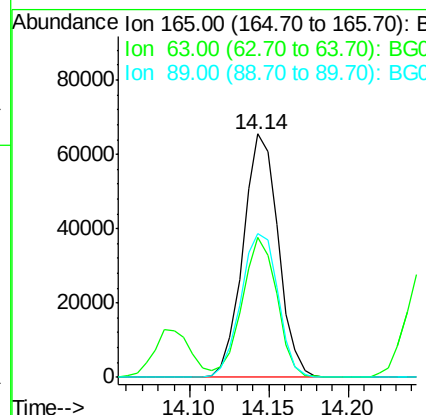
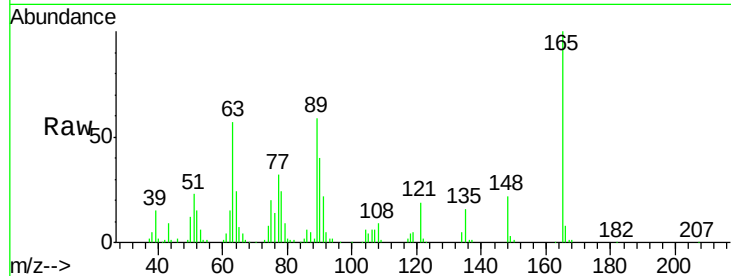




#51
 2,6-Dinitrotoluene
 Concen: 42.745 ng
 RT: 14.14 min Scan# 1882
 Delta R.T. -0.01 min
 Lab File: BG045831.D
 Acq: 23 Jun 2020 8:47

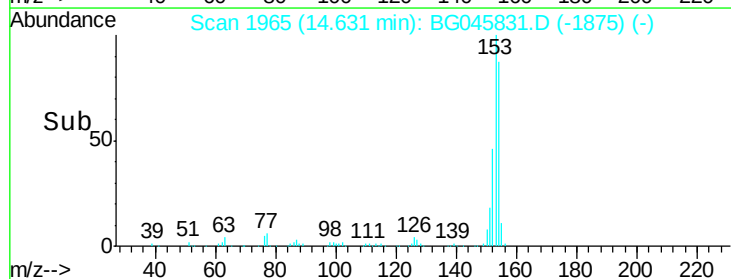
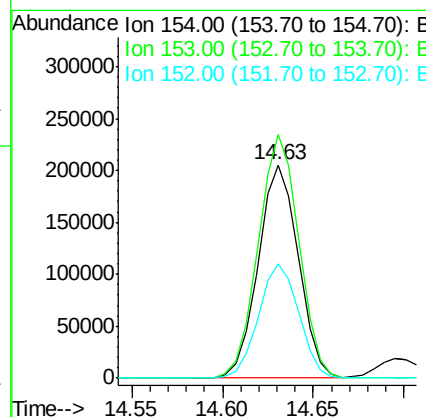
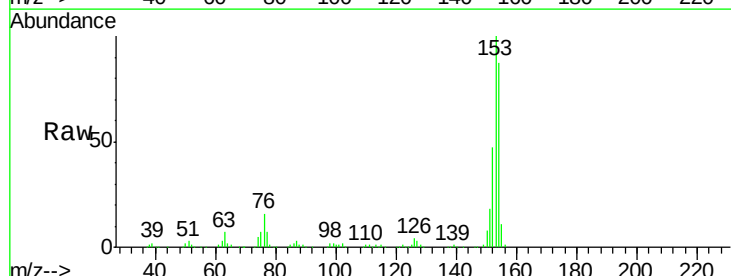
Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

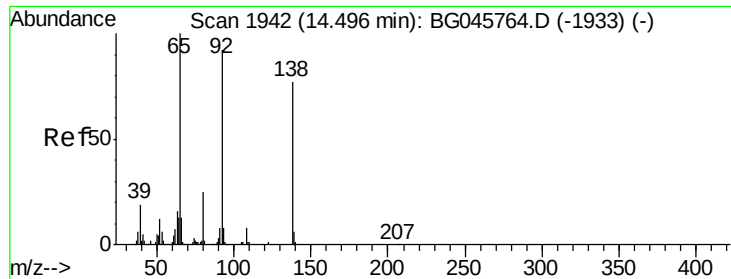
Tot Ion:165 Resp: 100600
 Ion Ratio Lower Upper
 165 100
 63 57.4 41.2 61.8
 89 59.1 49.7 74.5



#52
 Acenaphthene
 Concen: 41.960 ng
 RT: 14.63 min Scan# 1965
 Delta R.T. -0.00 min
 Lab File: BG045831.D
 Acq: 23 Jun 2020 8:47

Tgt Ion:154 Resp: 315134
 Ion Ratio Lower Upper
 154 100
 153 114.3 93.0 139.4
 152 53.6 43.7 65.5

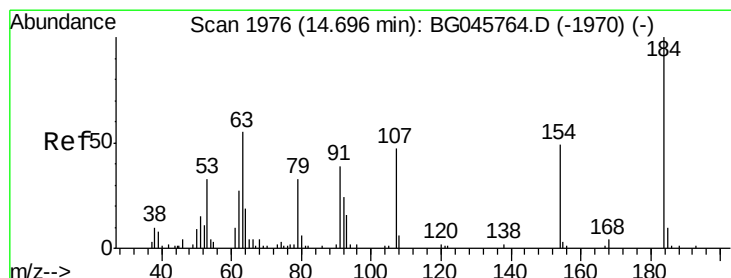
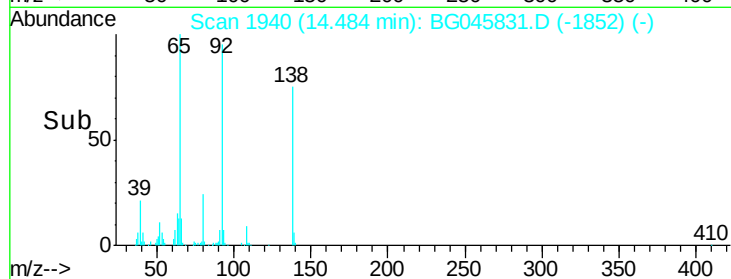
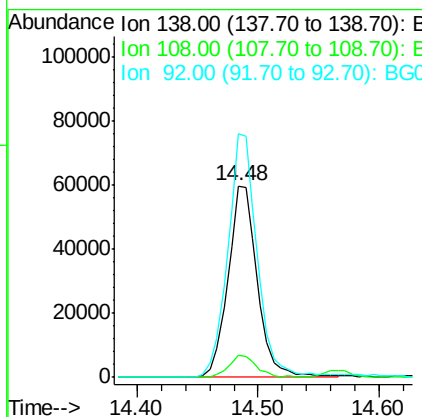
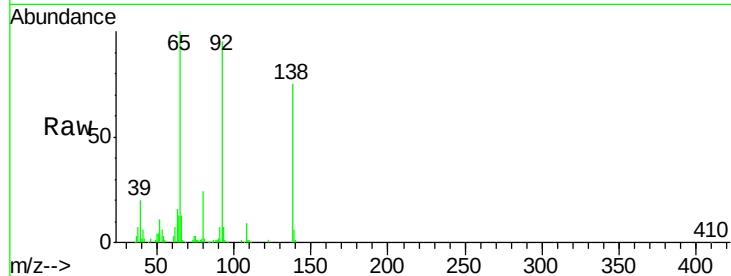




#53
3-Nitroaniline
Concen: 42.685 ng
RT: 14.48 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG045831.D
Acq: 23 Jun 2020 8:47

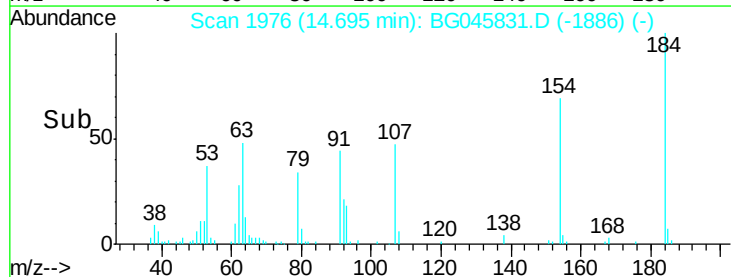
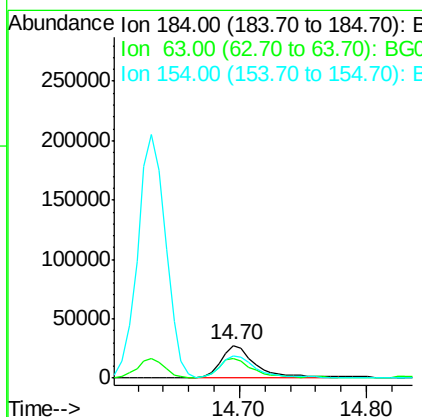
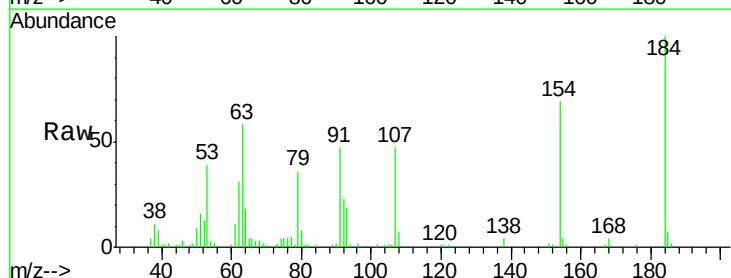
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

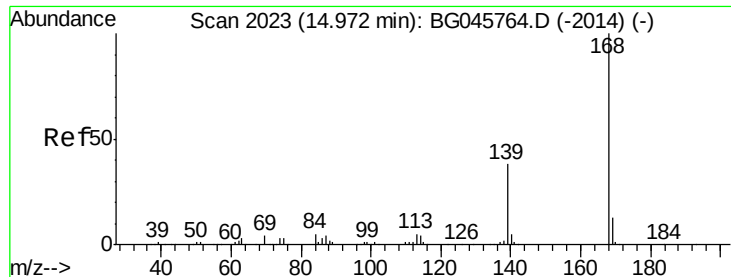
Tot Ion:138 Resp: 100343
Ion Ratio Lower Upper
138 100
108 11.8 8.4 12.6
92 127.2 95.6 143.4



#54
2,4-Dinitrophenol
Concen: 45.328 ng
RT: 14.70 min Scan# 1976
Delta R.T. 0.00 min
Lab File: BG045831.D
Acq: 23 Jun 2020 8:47

Tgt Ion:184 Resp: 52980
Ion Ratio Lower Upper
184 100
63 57.9 46.6 70.0
154 69.4 58.6 87.8





#55

Dibenzenofuran

Concen: 43.071 ng

RT: 14.97 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BG045831.D

Acq: 23 Jun 2020 8:47

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

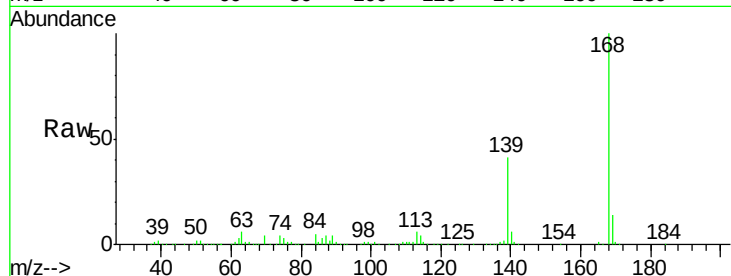
Tot Ion:168 Resp: 525492

Ion Ratio Lower Upper

168 100

139 40.5 31.8 47.6

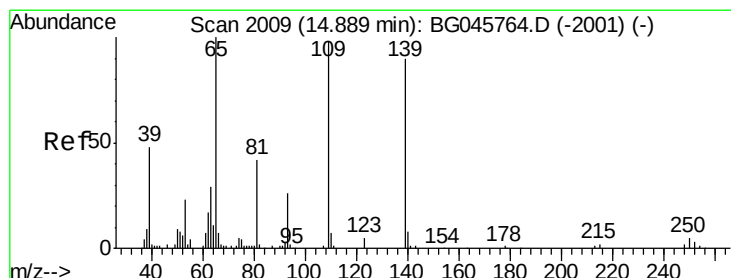
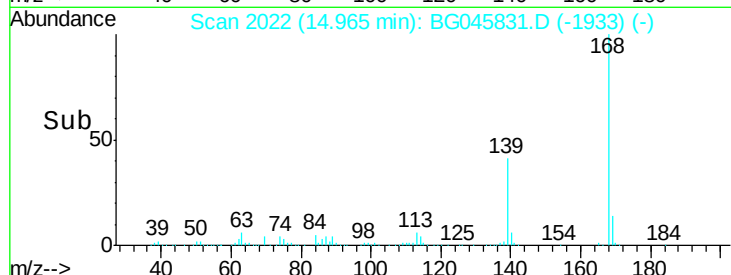
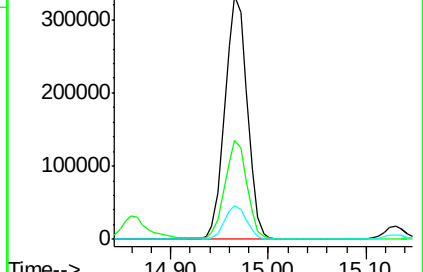
169 14.0 10.4 15.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 38.517 ng

RT: 14.86 min Scan# 2004

Delta R.T. -0.03 min

Lab File: BG045831.D

Acq: 23 Jun 2020 8:47

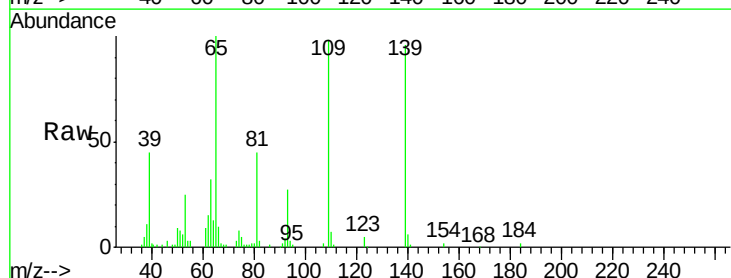
Tgt Ion:139 Resp: 61221

Ion Ratio Lower Upper

139 100

109 102.1 88.9 128.9

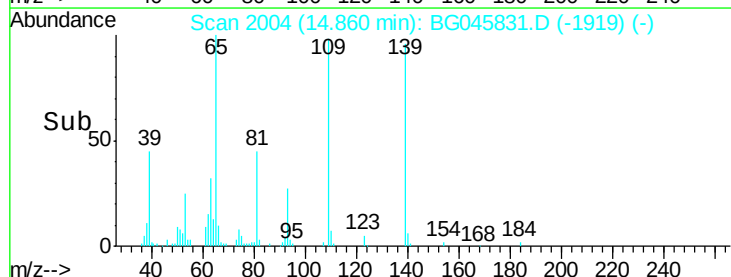
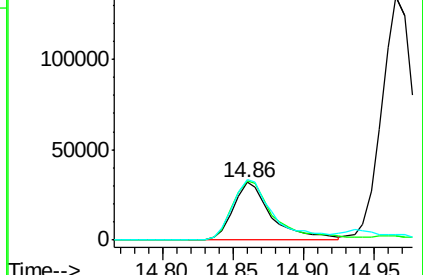
65 104.3 92.3 132.3

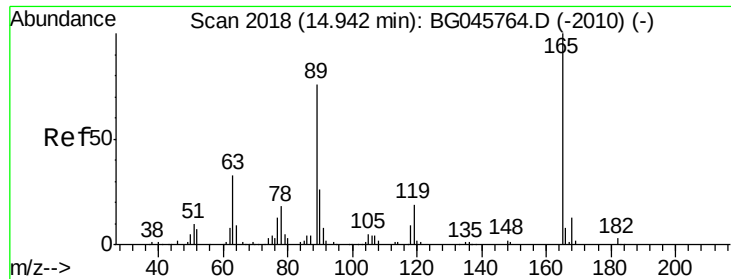


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

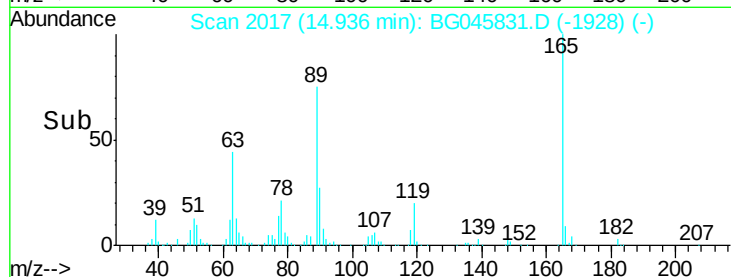
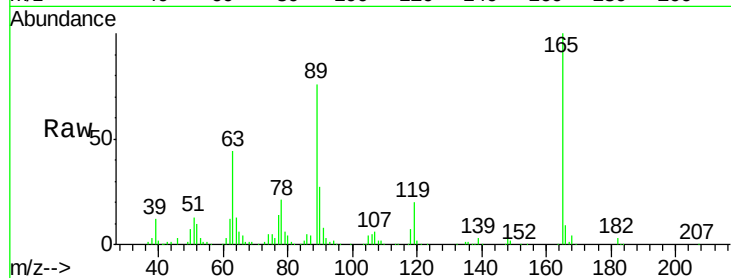




#57
2,4-Dinitrotoluene
Concen: 43.179 ng
RT: 14.94 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BG045831.D
Acq: 23 Jun 2020 8:47

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	165	Resp:	145602
Ion	Ratio	Lower	Upper
165	100		
63	44.1	33.8	50.8
89	75.5	60.4	90.6
182	2.7	2.6	3.8

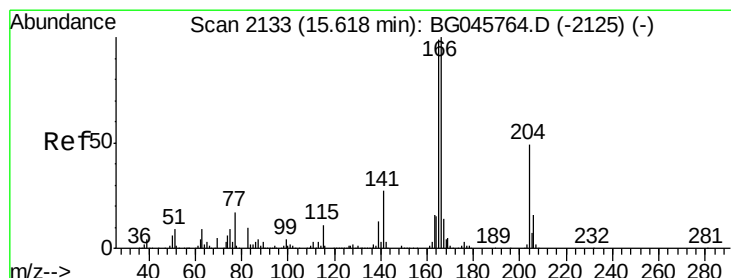
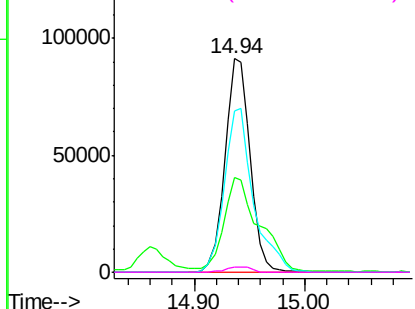


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

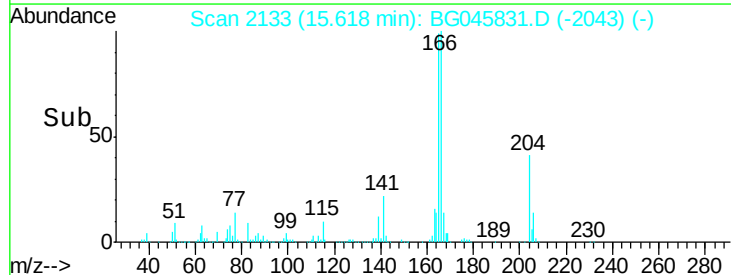
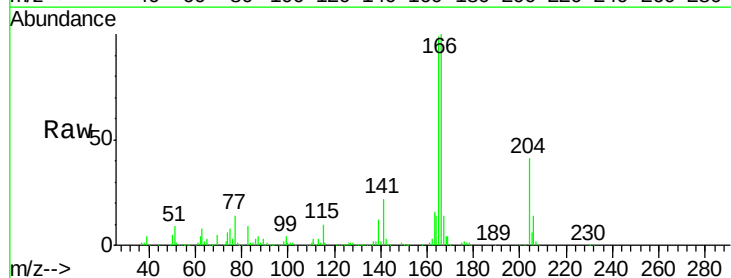
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 42.730 ng
RT: 15.62 min Scan# 2133
Delta R.T. -0.00 min
Lab File: BG045831.D
Acq: 23 Jun 2020 8:47

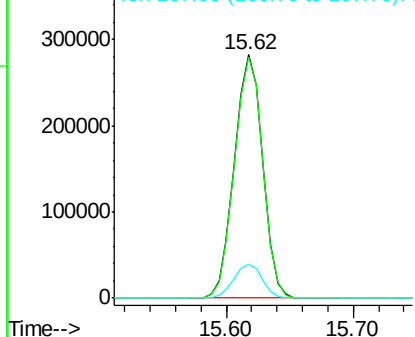
Tgt Ion:	166	Resp:	433505
Ion	Ratio	Lower	Upper
166	100		
165	99.1	79.1	118.7
167	13.8	11.5	17.3

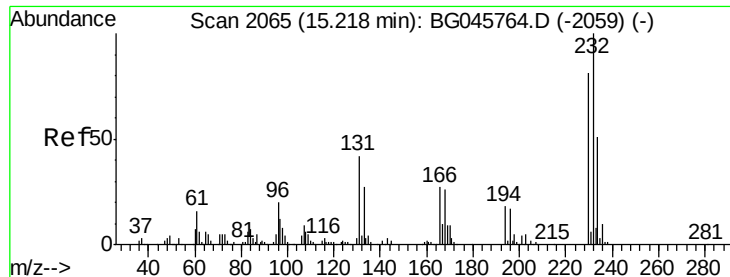


Abundance Ion 166.00 (165.70 to 166.70): E

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: 40.675 ng

RT: 15.21 min Scan# 2064

Delta R.T. -0.01 min

Lab File: BG045831.D

Acq: 23 Jun 2020 8:47

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:232 Resp: 120148

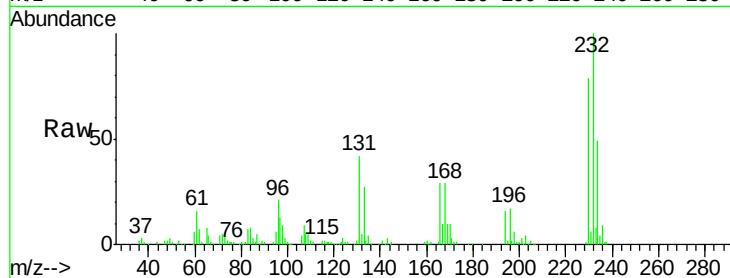
Ion Ratio Lower Upper

232 100

131 42.3 32.2 48.2

130 2.6 2.2 3.4

166 30.3 21.3 31.9

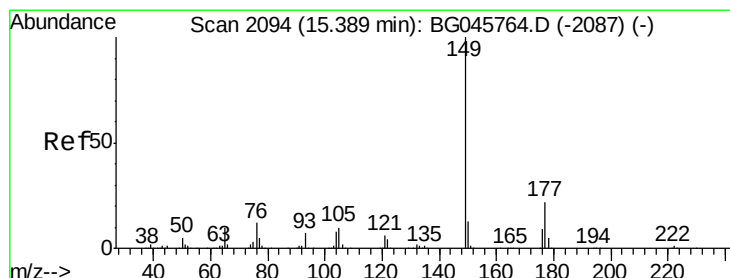
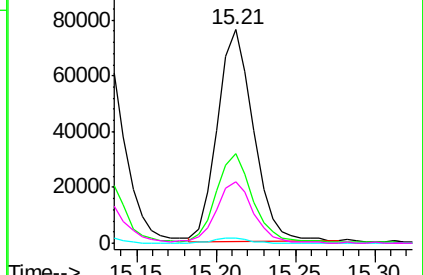
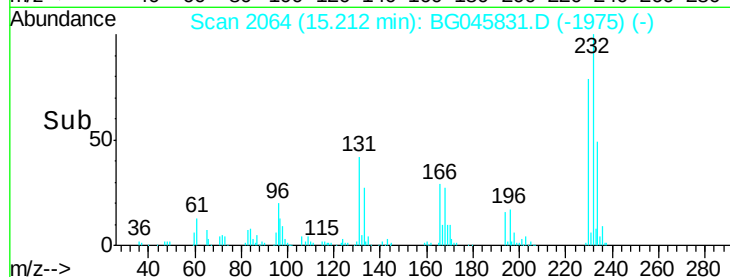


Abundance Ion 232.00 (231.70 to 232.70): E

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: 43.114 ng

RT: 15.39 min Scan# 2094

Delta R.T. -0.00 min

Lab File: BG045831.D

Acq: 23 Jun 2020 8:47

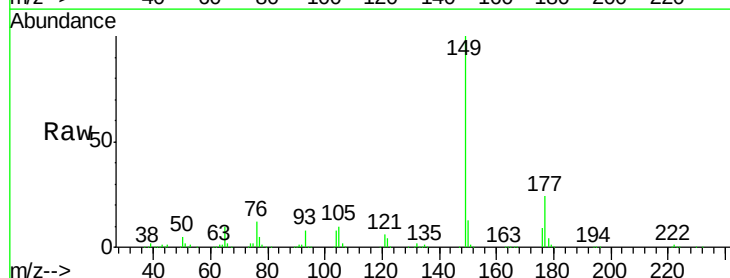
Tgt Ion:149 Resp: 461830

Ion Ratio Lower Upper

149 100

177 23.9 17.2 25.8

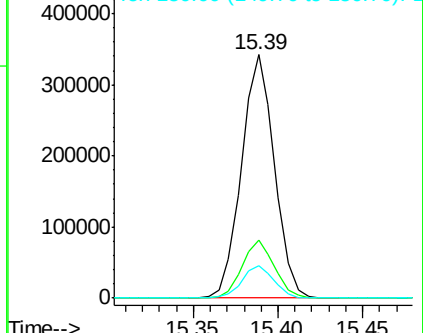
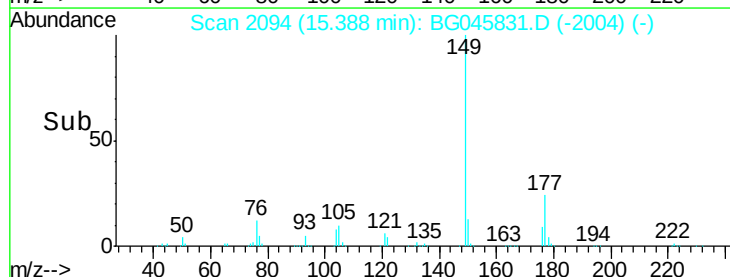
150 13.5 10.7 16.1

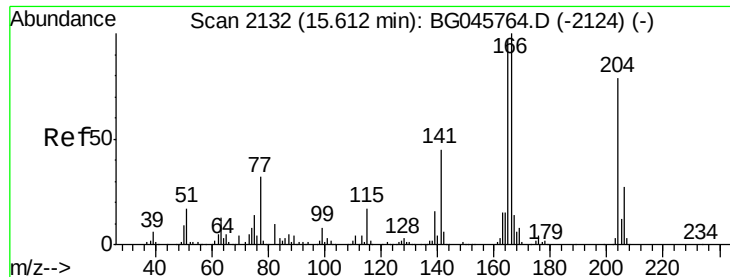


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

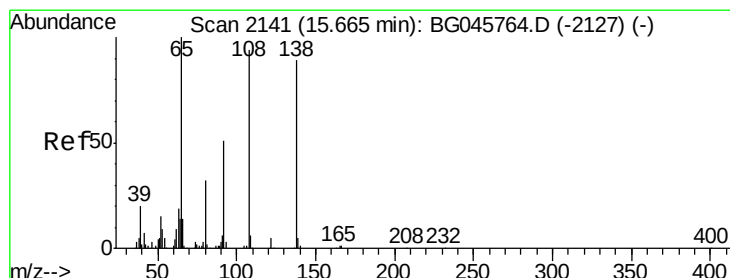
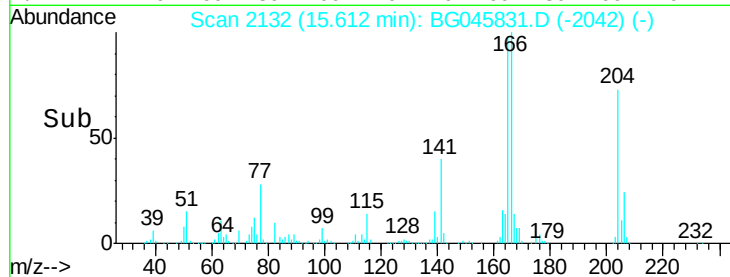
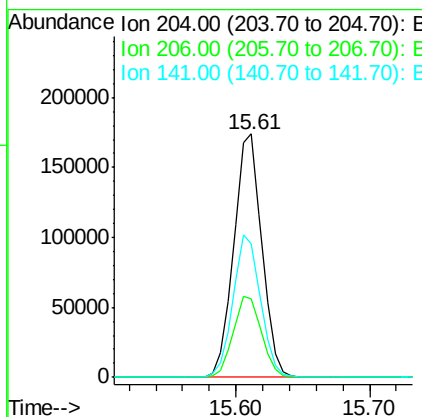
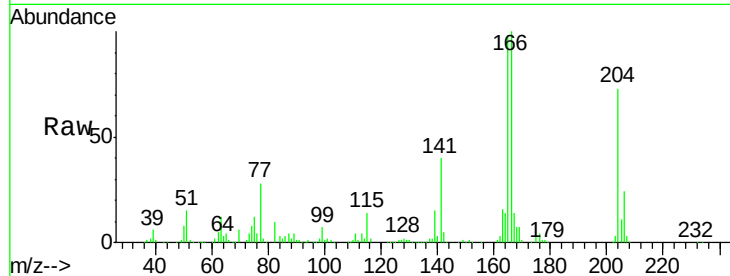




#61
4-Chlorophenyl-phenylether
Concen: 43.444 ng
RT: 15.61 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BG045831.D
Acq: 23 Jun 2020 8:47

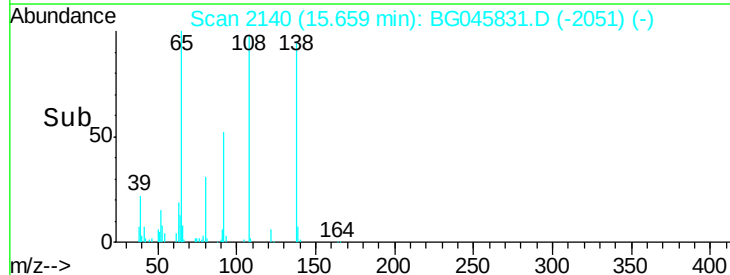
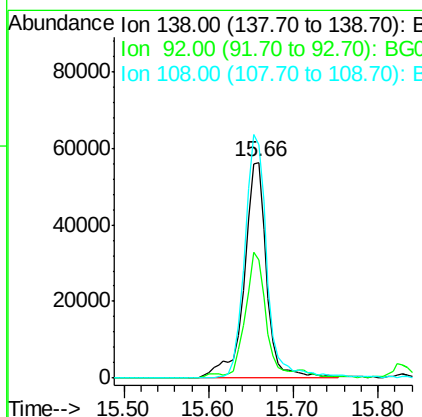
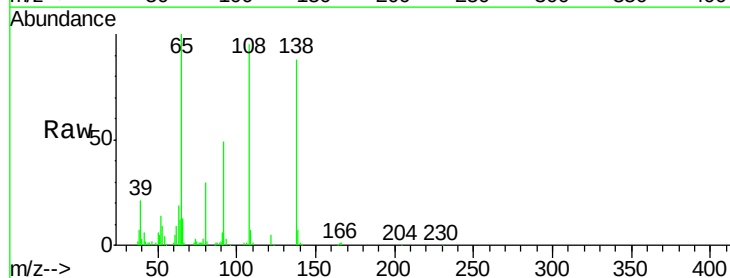
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

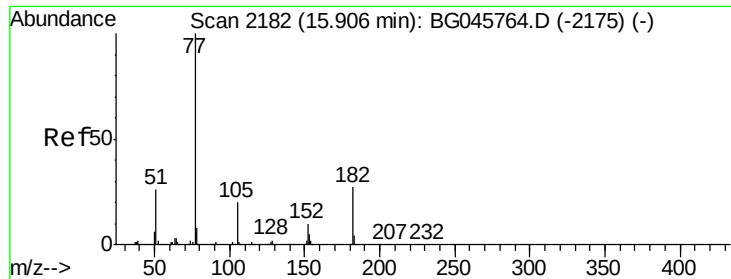
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.1	27.2	40.8
141	55.1	45.9	68.9



#62
4-Nitroaniline
Concen: 43.289 ng
RT: 15.66 min Scan# 2140
Delta R.T. -0.01 min
Lab File: BG045831.D
Acq: 23 Jun 2020 8:47

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.0	37.3	77.3
108	108.0	85.0	125.0

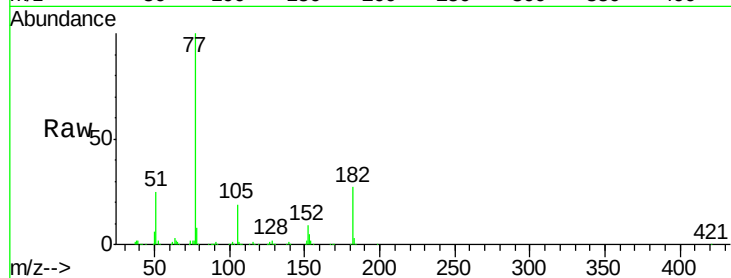




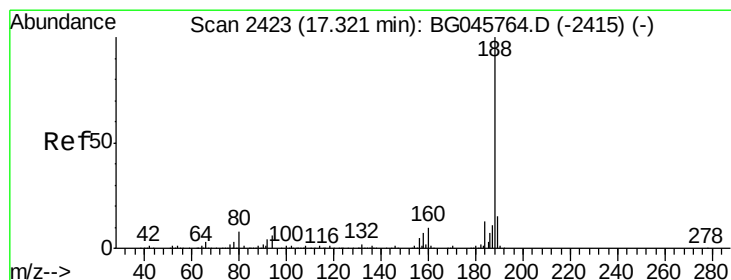
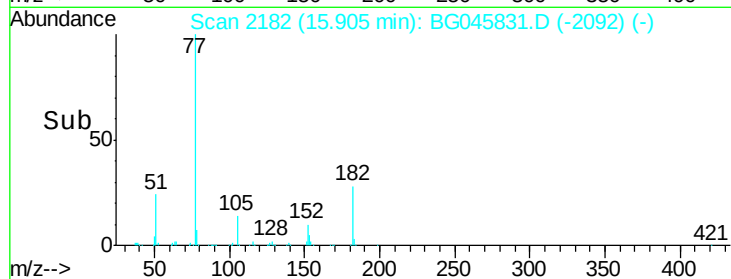
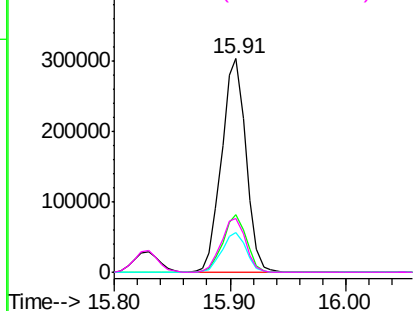
#63
Azobenzene
Concen: 43.068 ng
RT: 15.91 min Scan# 2182
Delta R.T. -0.00 min
Lab File: BG045831.D
Acq: 23 Jun 2020 8:47

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion: 77 Resp: 442966
Ion Ratio Lower Upper
77 100
182 27.1 7.4 47.4
105 18.8 0.1 40.1
51 24.9 5.7 45.7

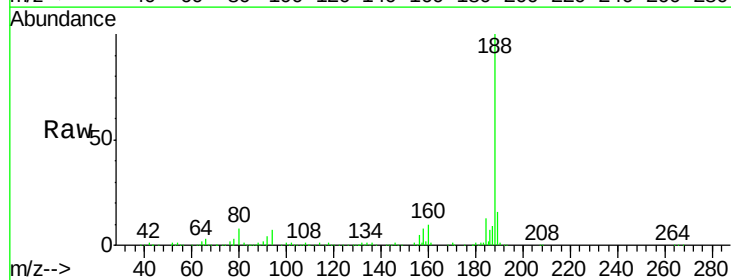


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

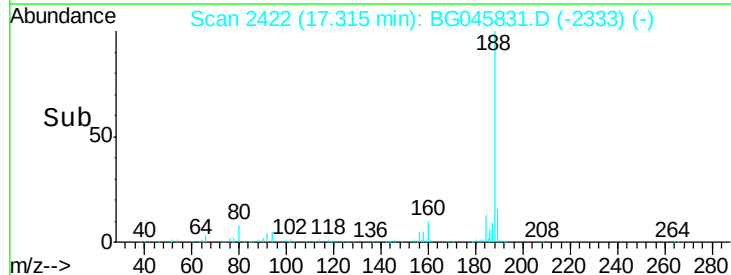
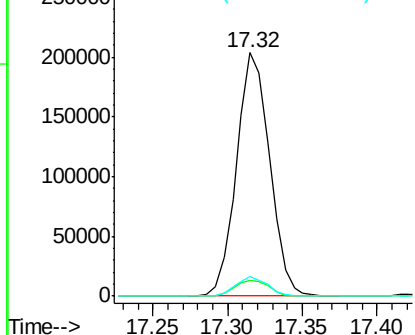


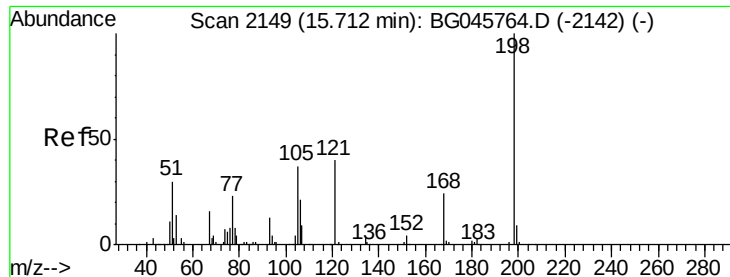
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG045831.D
Acq: 23 Jun 2020 8:47

Tgt Ion: 188 Resp: 315108
Ion Ratio Lower Upper
188 100
94 6.7 5.1 7.7
80 8.1 6.2 9.4



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: 46.592 ng

RT: 15.71 min Scan# 2149

Delta R.T. -0.00 min

Lab File: BG045831.D

Acq: 23 Jun 2020 8:47

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

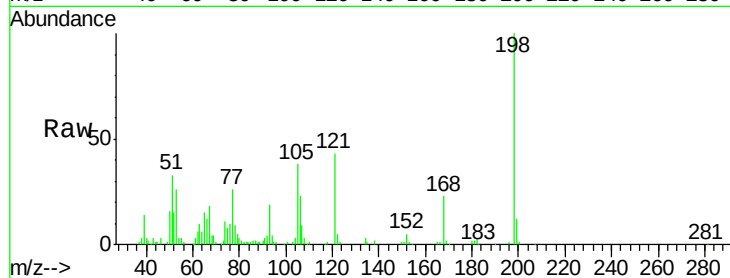
Tot Ion:198 Resp: 90731

Ion Ratio Lower Upper

198 100

51 33.2 14.6 54.6

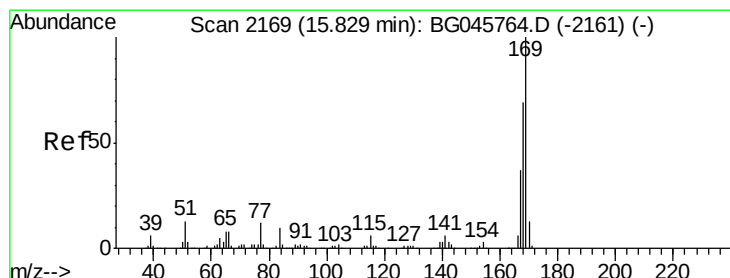
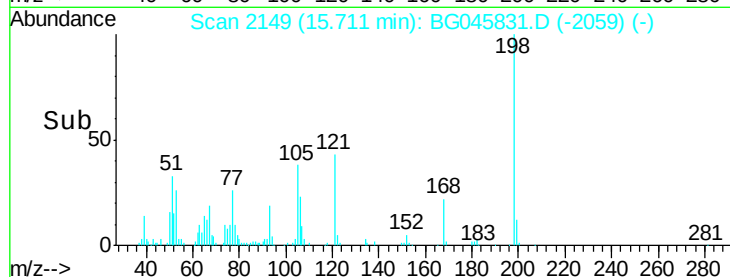
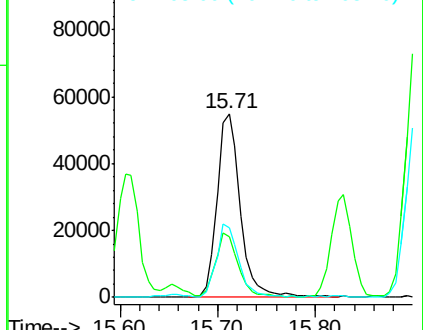
105 37.9 18.4 58.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.181 ng

RT: 15.83 min Scan# 2169

Delta R.T. -0.00 min

Lab File: BG045831.D

Acq: 23 Jun 2020 8:47

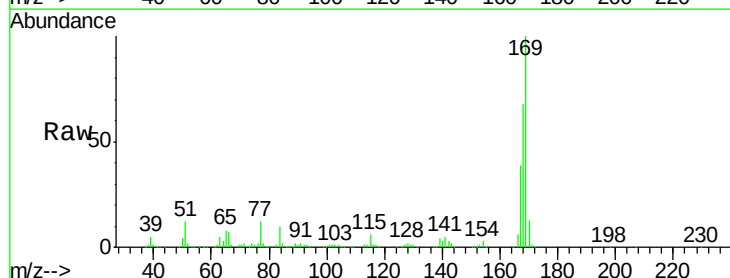
Tgt Ion:169 Resp: 376471

Ion Ratio Lower Upper

169 100

168 68.4 55.2 82.8

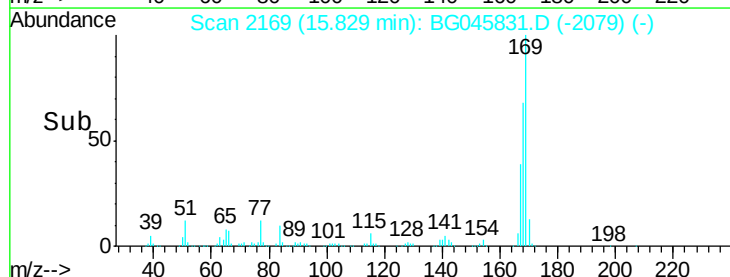
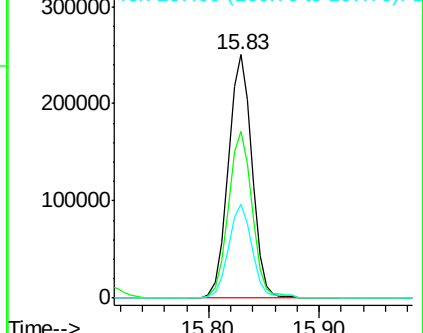
167 38.8 29.8 44.6

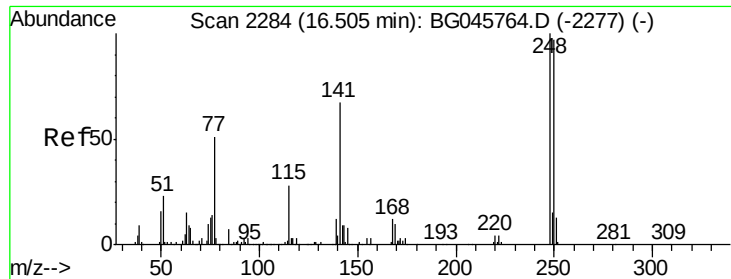


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

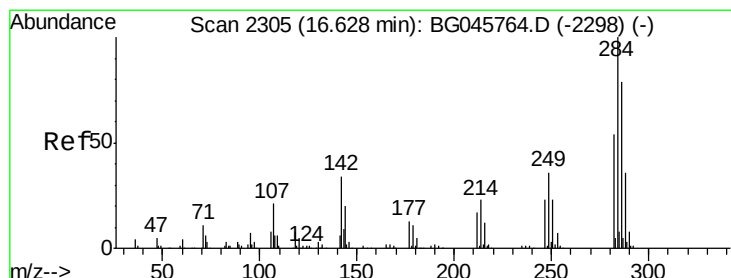
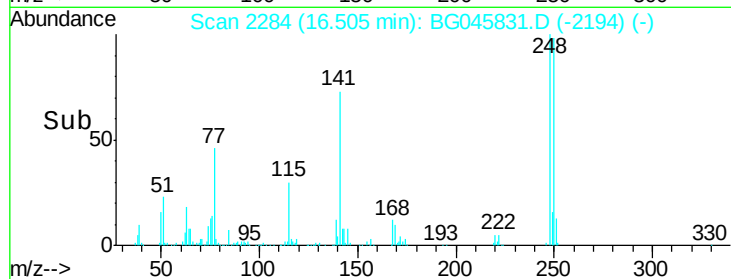
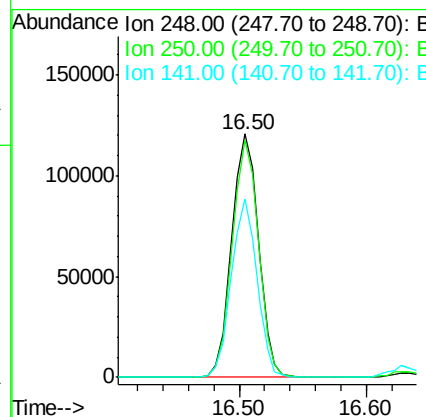
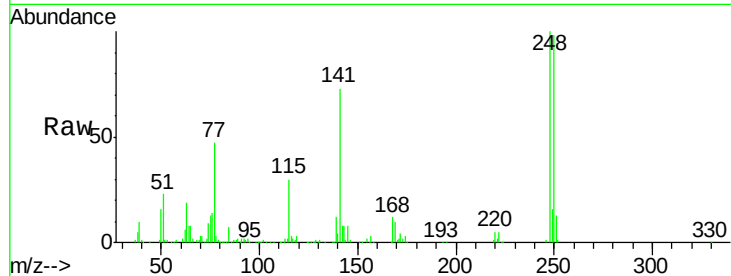




#67
4-Bromophenyl-phenylether
Concen: 43.012 ng
RT: 16.50 min Scan# 2284
Delta R.T. -0.00 min
Lab File: BG045831.D
Acq: 23 Jun 2020 8:47

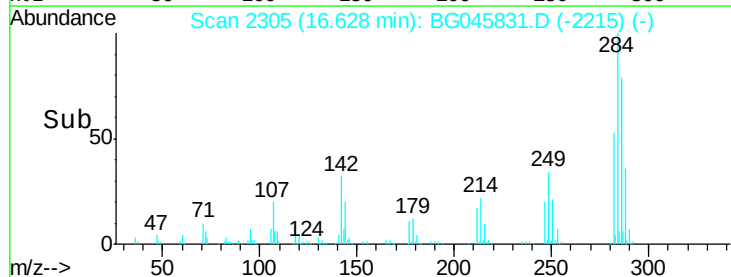
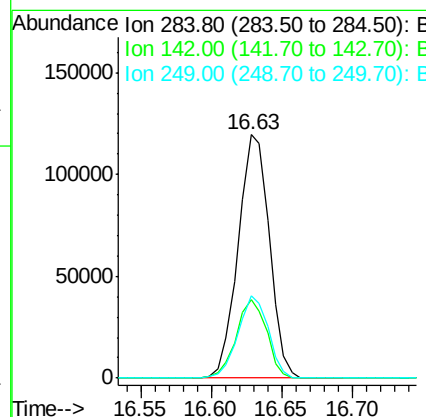
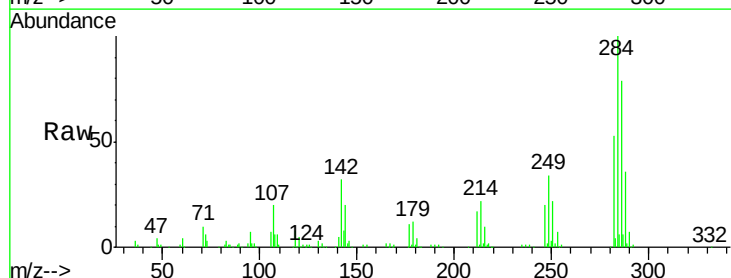
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

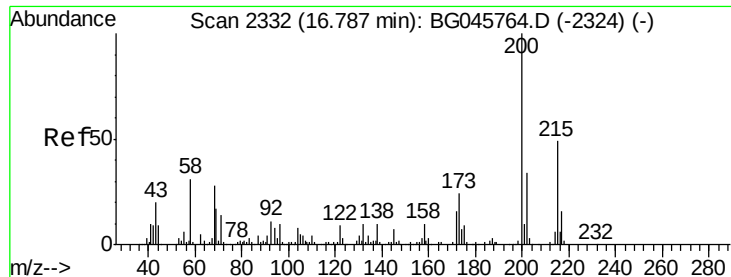
Tot Ion:248 Resp: 176108
Ion Ratio Lower Upper
248 100
250 97.6 78.0 117.0
141 73.2 53.9 80.9



#68
Hexachlorobenzene
Concen: 43.432 ng
RT: 16.63 min Scan# 2305
Delta R.T. -0.00 min
Lab File: BG045831.D
Acq: 23 Jun 2020 8:47

Tgt Ion:284 Resp: 184400
Ion Ratio Lower Upper
284 100
142 32.4 26.9 40.3
249 34.0 28.6 42.8





#69

Atrazine

Concen: 41.694 ng

RT: 16.78 min Scan# 2331

Delta R.T. -0.01 min

Lab File: BG045831.D

Acq: 23 Jun 2020 8:47

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

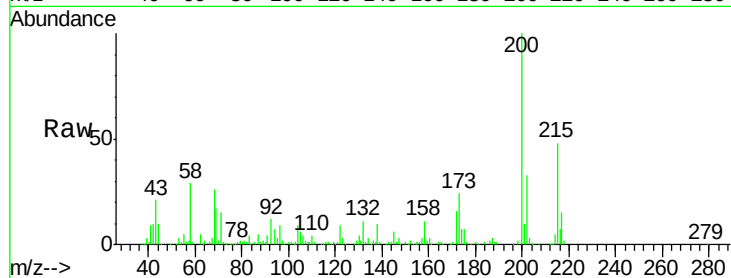
Tot Ion:200 Resp: 144400

Ion Ratio Lower Upper

200 100

173 23.9 3.9 43.9

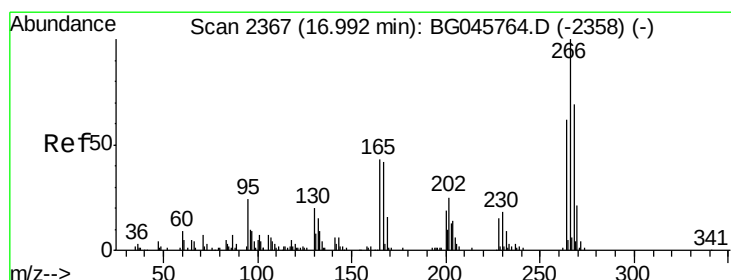
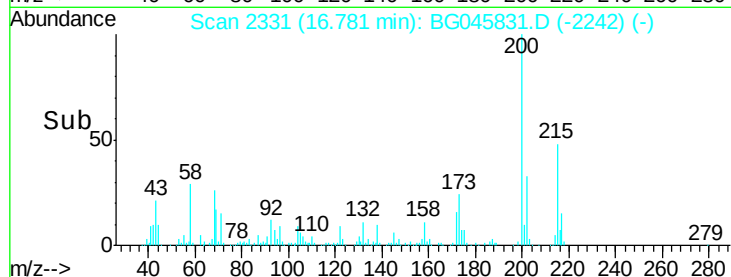
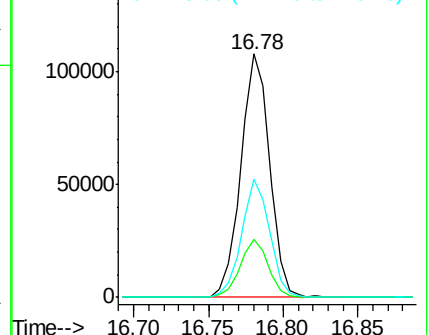
215 48.4 28.8 68.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 37.575 ng

RT: 16.99 min Scan# 2366

Delta R.T. -0.01 min

Lab File: BG045831.D

Acq: 23 Jun 2020 8:47

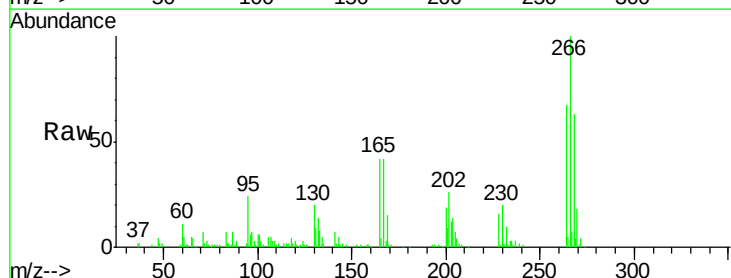
Tgt Ion:266 Resp: 69309

Ion Ratio Lower Upper

266 100

268 63.1 55.4 83.0

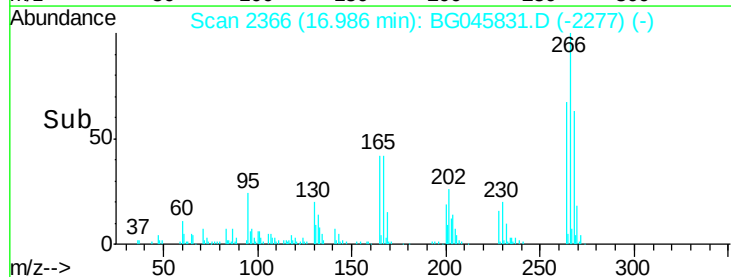
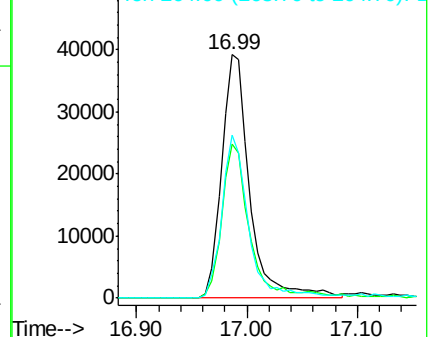
264 66.7 49.8 74.6

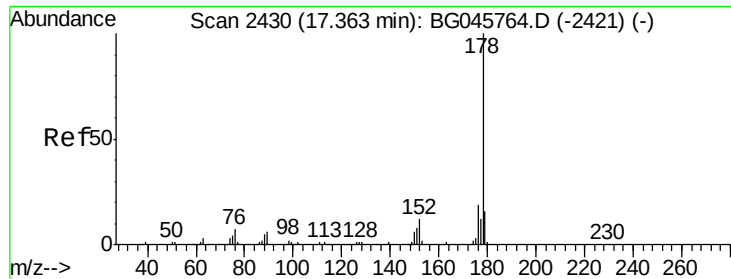


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

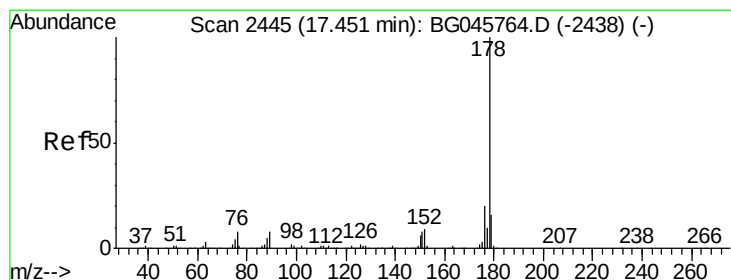
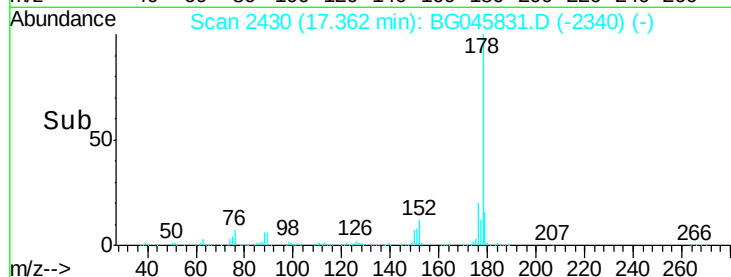
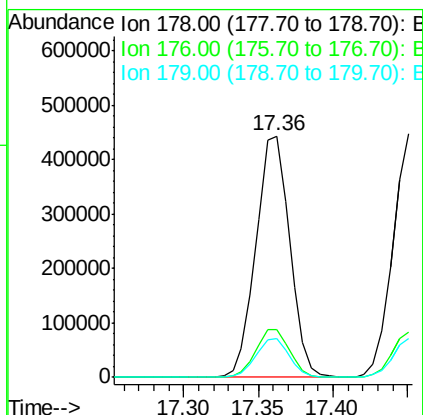
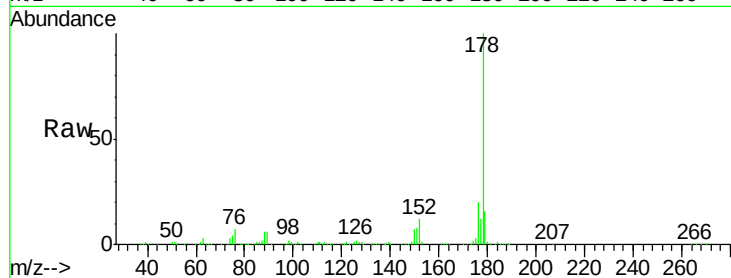




#71
Phenanthrene
Concen: 42.614 ng
RT: 17.36 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG045831.D
Acq: 23 Jun 2020 8:47

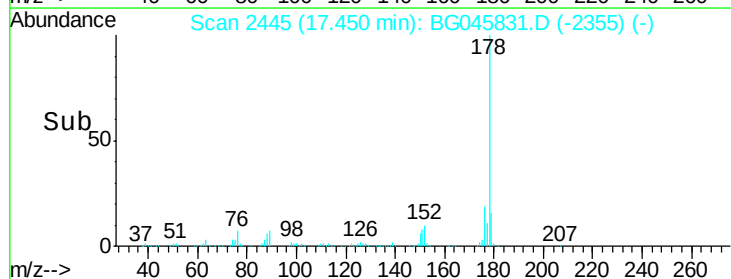
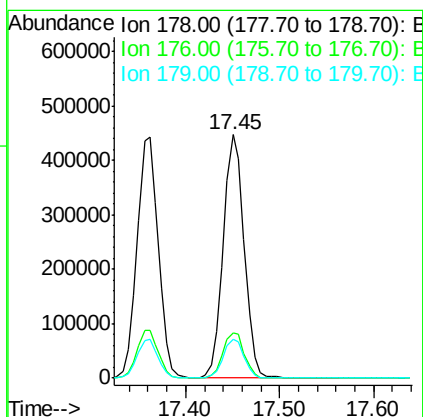
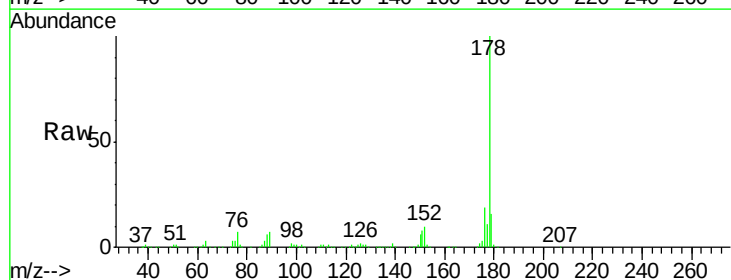
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

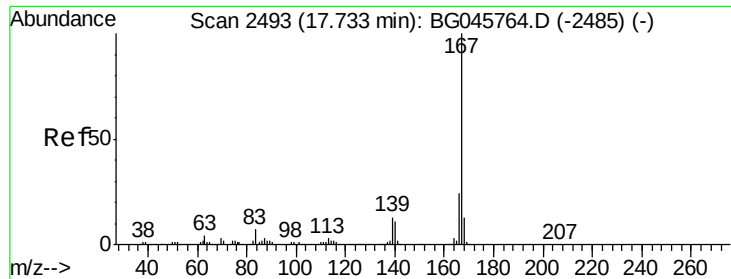
Tot Ion:178 Resp: 692546
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 15.8 13.2 19.8



#72
Anthracene
Concen: 42.850 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.00 min
Lab File: BG045831.D
Acq: 23 Jun 2020 8:47

Tgt Ion:178 Resp: 693447
Ion Ratio Lower Upper
178 100
176 18.7 15.6 23.4
179 16.1 13.1 19.7





#73

Carbazole

Concen: 43.025 ng

RT: 17.73 min Scan# 2493

Delta R.T. -0.00 min

Lab File: BG045831.D

Acq: 23 Jun 2020 8:47

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

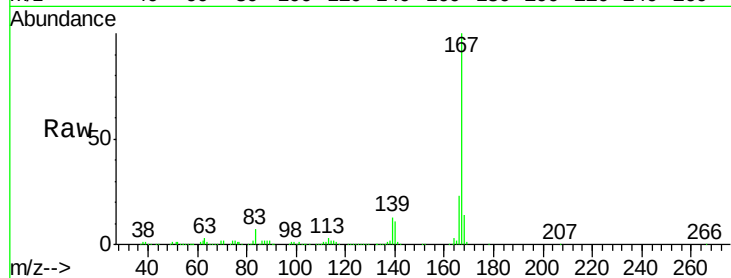
Tot Ion:167 Resp: 662981

Ion Ratio Lower Upper

167 100

166 22.6 18.9 28.3

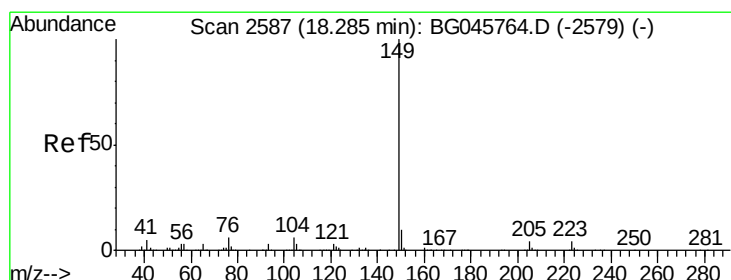
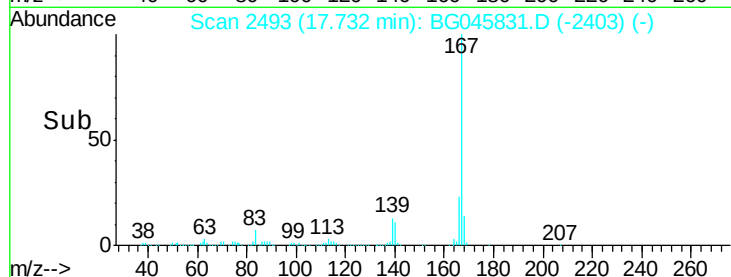
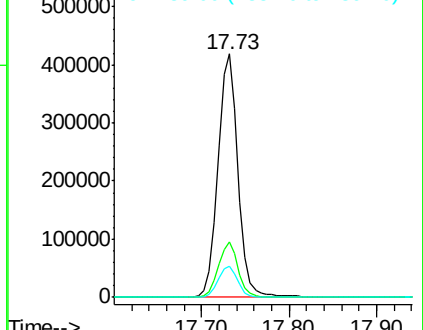
139 13.0 10.6 15.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 43.072 ng

RT: 18.28 min Scan# 2587

Delta R.T. -0.00 min

Lab File: BG045831.D

Acq: 23 Jun 2020 8:47

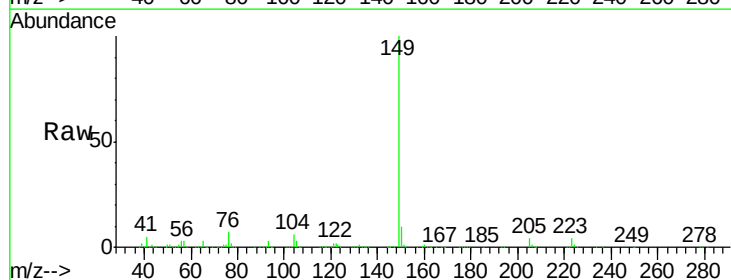
Tgt Ion:149 Resp: 785852

Ion Ratio Lower Upper

149 100

150 9.7 7.7 11.5

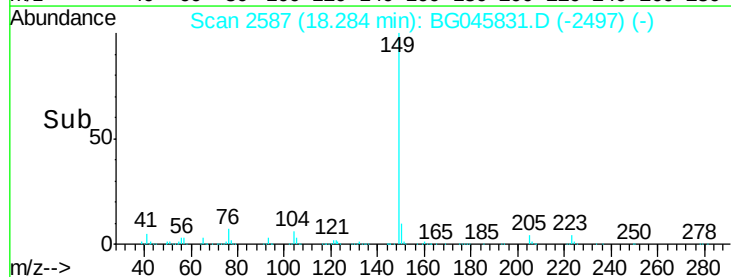
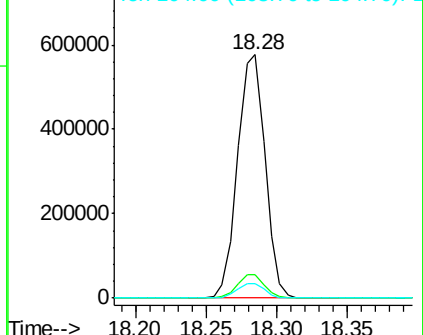
104 6.2 5.1 7.7

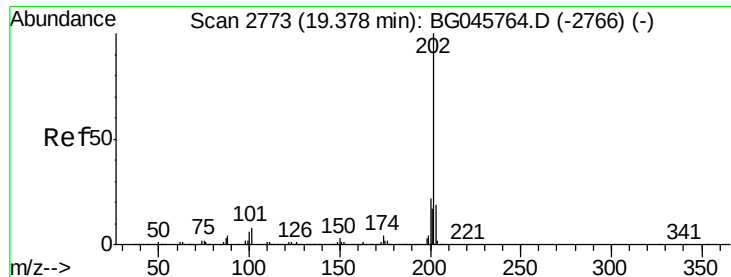


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 42.992 ng

RT: 19.38 min Scan# 2773

Delta R.T. -0.00 min

Lab File: BG045831.D

Acq: 23 Jun 2020 8:47

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

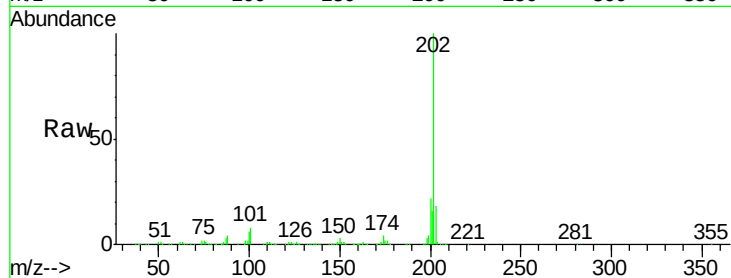
Tot Ion:202 Resp: 859150

Ion Ratio Lower Upper

202 100

101 7.7 0.0 27.7

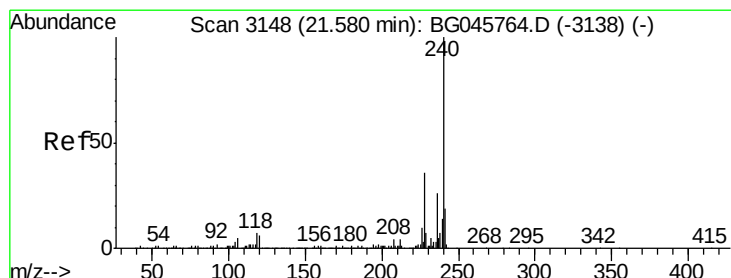
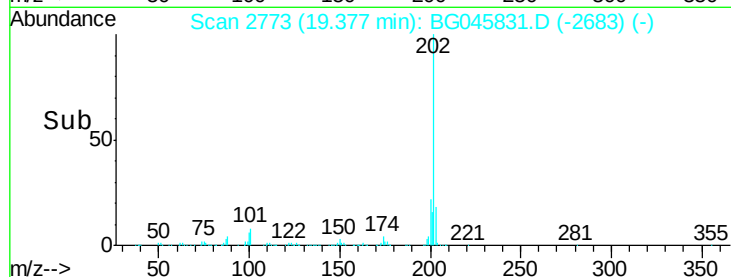
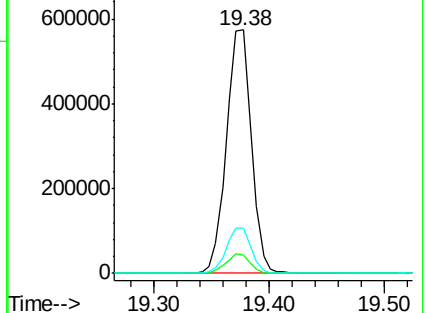
203 18.4 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.58 min Scan# 3148

Delta R.T. -0.00 min

Lab File: BG045831.D

Acq: 23 Jun 2020 8:47

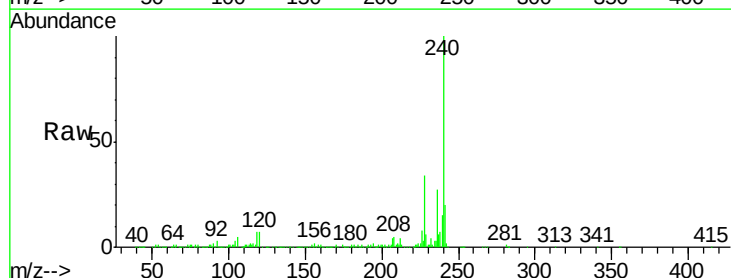
Tgt Ion:240 Resp: 297553

Ion Ratio Lower Upper

240 100

120 7.1 5.0 7.4

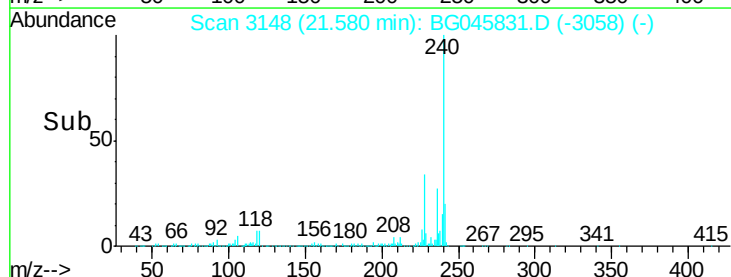
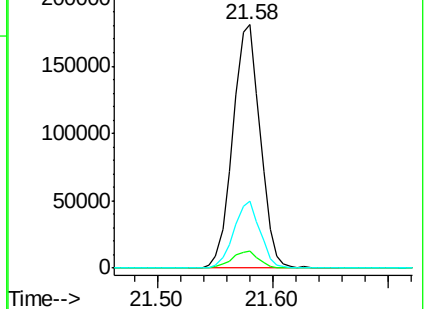
236 27.3 20.6 30.8

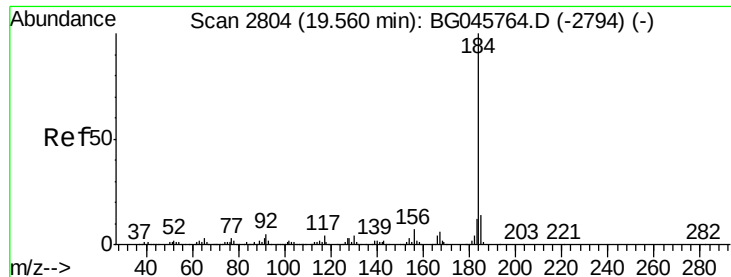


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 36.246 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.00 min

Lab File: BG045831.D

Acq: 23 Jun 2020 8:47

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

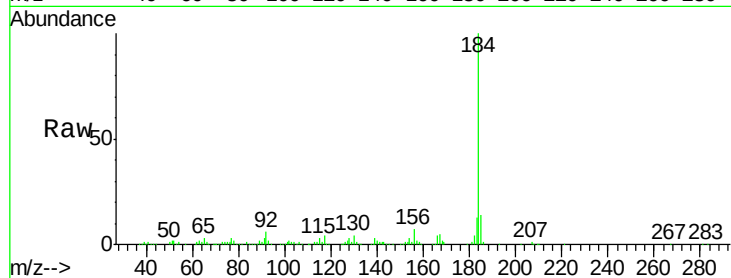
Tot Ion:184 Resp: 280379

Ion Ratio Lower Upper

184 100

185 14.5 11.1 16.7

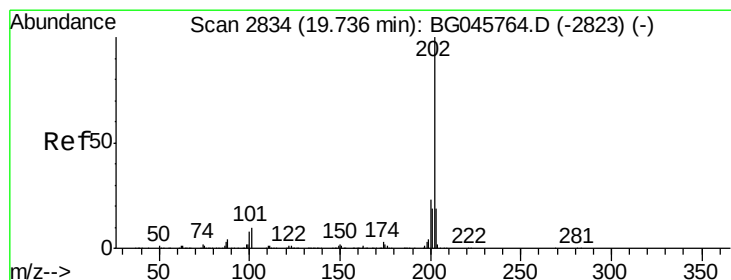
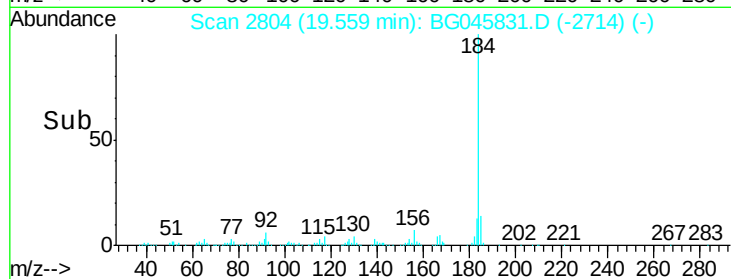
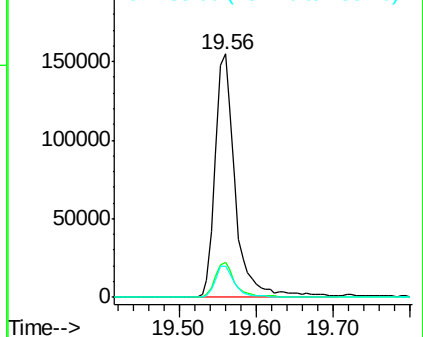
183 12.8 9.7 14.5



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: 43.783 ng

RT: 19.74 min Scan# 2834

Delta R.T. -0.00 min

Lab File: BG045831.D

Acq: 23 Jun 2020 8:47

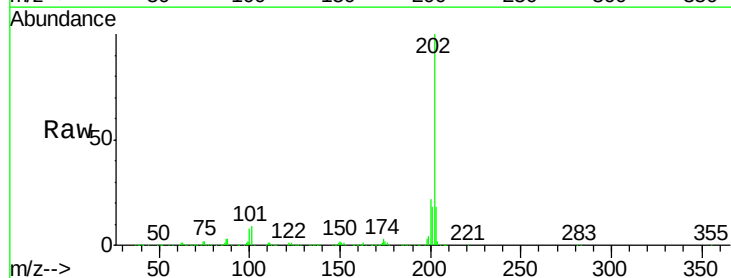
Tgt Ion:202 Resp: 872395

Ion Ratio Lower Upper

202 100

200 22.0 18.2 27.2

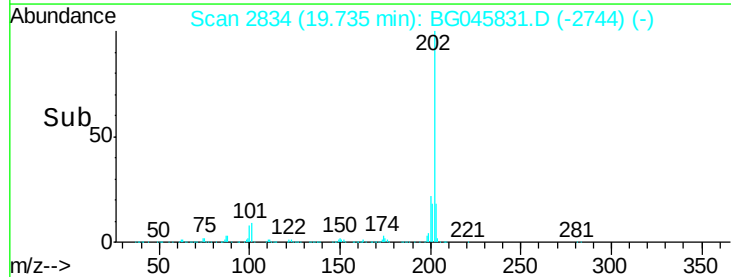
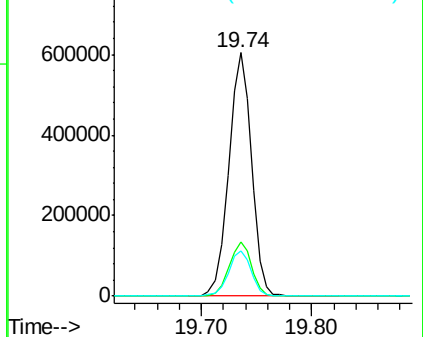
203 18.5 14.8 22.2

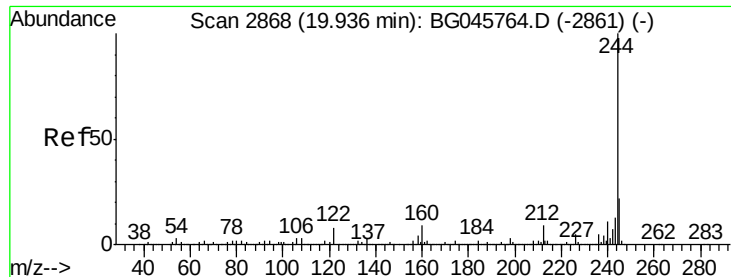


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 88.472 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.00 min

Lab File: BG045831.D

Acq: 23 Jun 2020 8:47

Instrument :

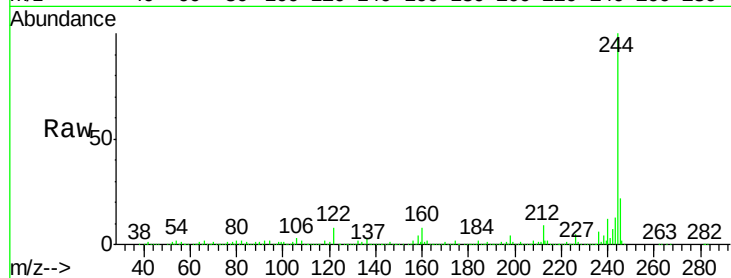
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 1298977

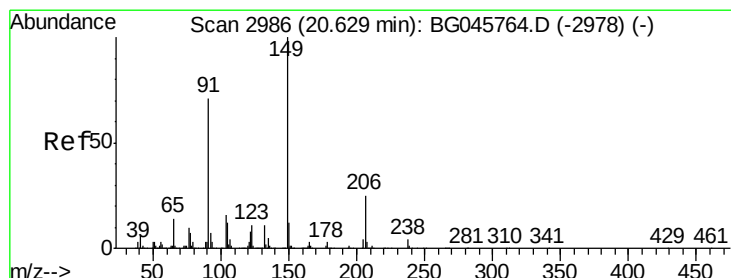
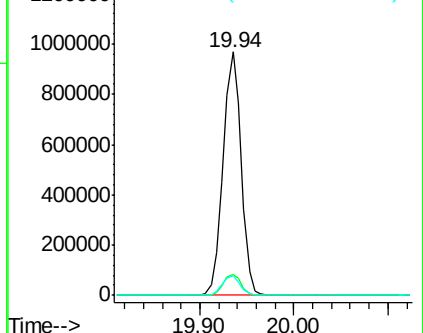
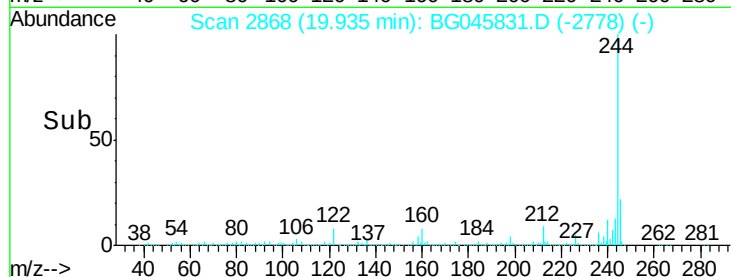
Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.2	10.8
122	8.0	6.4	9.6



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: 43.599 ng

RT: 20.62 min Scan# 2985

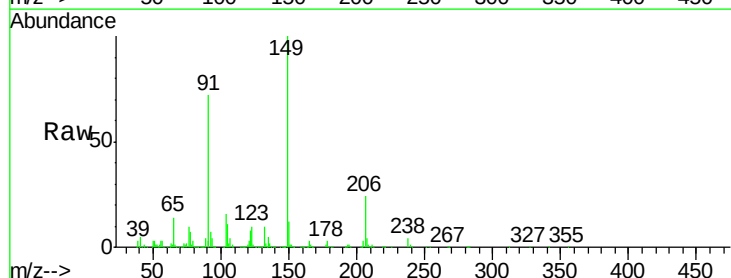
Delta R.T. -0.01 min

Lab File: BG045831.D

Acq: 23 Jun 2020 8:47

Tgt Ion:149 Resp: 363620

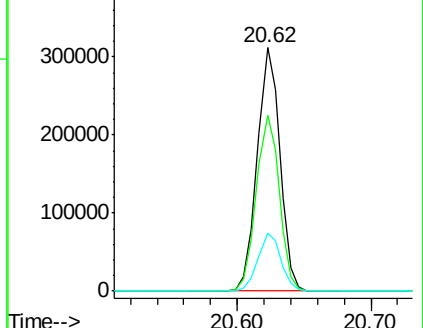
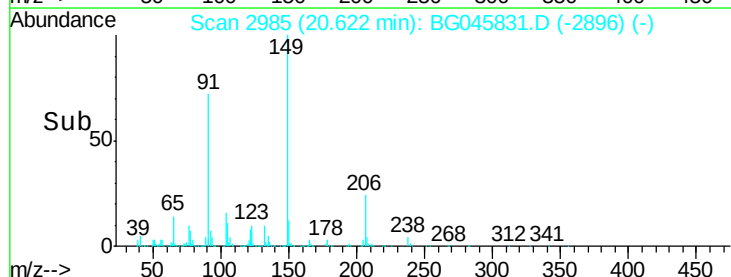
Ion	Ratio	Lower	Upper
149	100		
91	72.2	56.4	84.6
206	24.0	19.8	29.6

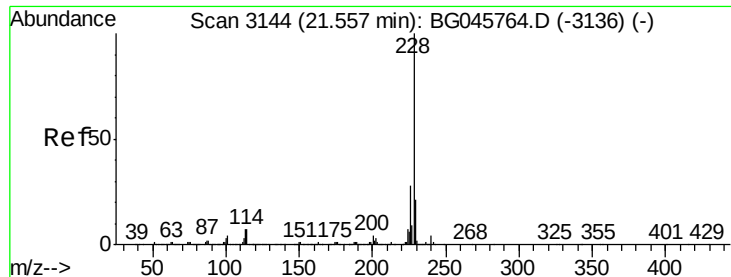


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.293 ng

RT: 21.56 min Scan# 3144

Delta R.T. -0.00 min

Lab File: BG045831.D

Acq: 23 Jun 2020 8:47

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

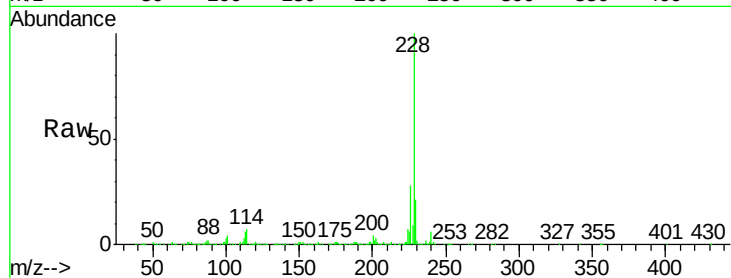
Tot Ion:228 Resp: 835188

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.7	34.1
229	20.6	16.6	24.8

228 100

226 28.4 22.7 34.1

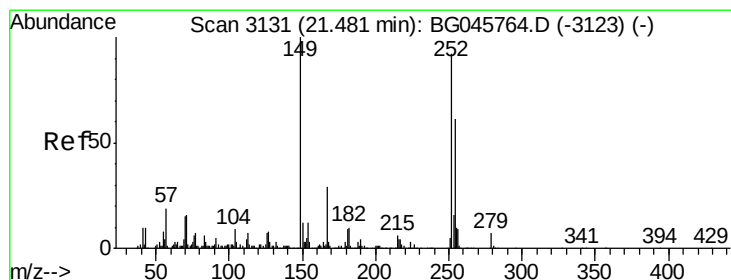
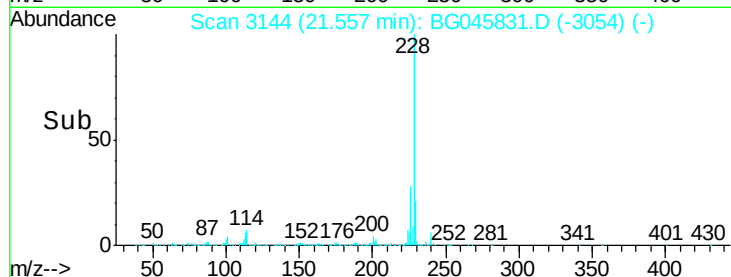
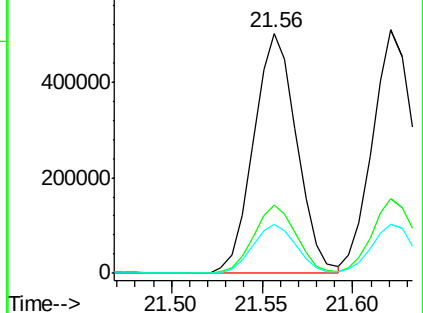
229 20.6 16.6 24.8



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: 42.827 ng

RT: 21.47 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BG045831.D

Acq: 23 Jun 2020 8:47

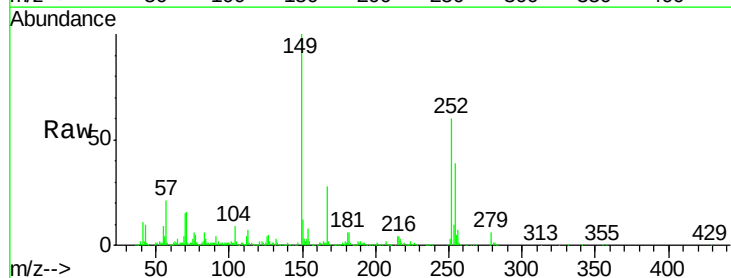
Tgt Ion:252 Resp: 312516

Ion	Ratio	Lower	Upper
252	100		
254	65.3	53.4	80.0
126	7.2	5.8	8.8

252 100

254 65.3 53.4 80.0

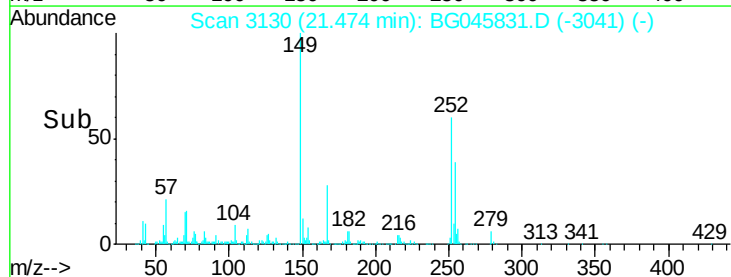
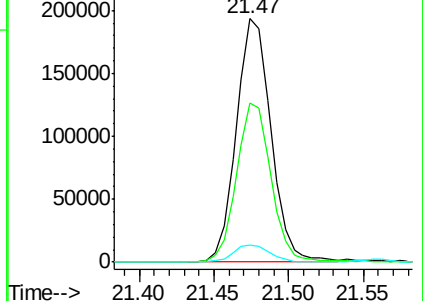
126 7.2 5.8 8.8

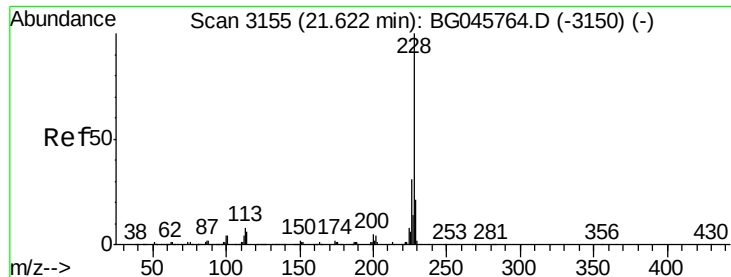


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.990 ng

RT: 21.62 min Scan# 3155

Delta R.T. -0.00 min

Lab File: BG045831.D

Acq: 23 Jun 2020 8:47

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

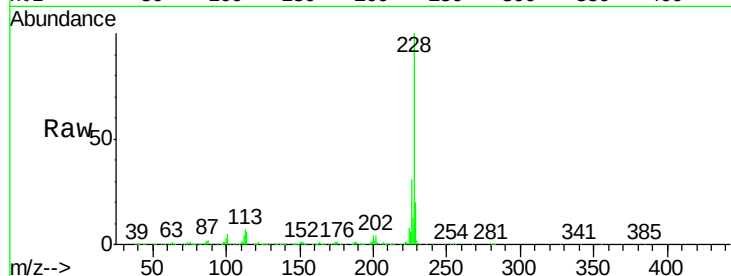
Tot Ion:228 Resp: 802162

Ion Ratio Lower Upper

228 100

226 30.8 25.1 37.7

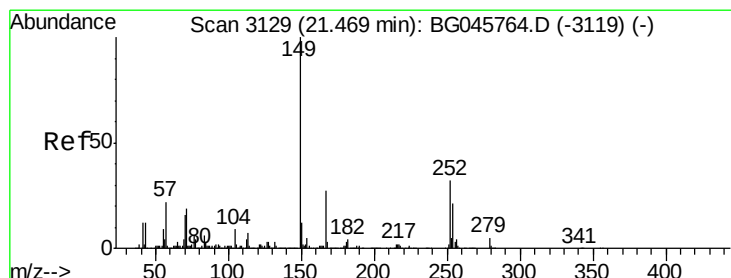
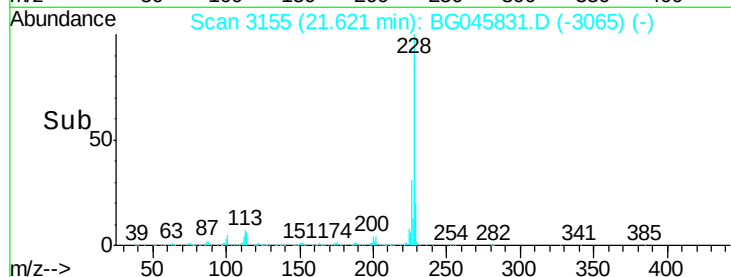
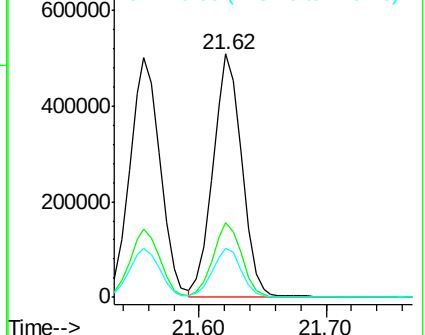
229 20.1 16.4 24.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.724 ng

RT: 21.47 min Scan# 3129

Delta R.T. -0.00 min

Lab File: BG045831.D

Acq: 23 Jun 2020 8:47

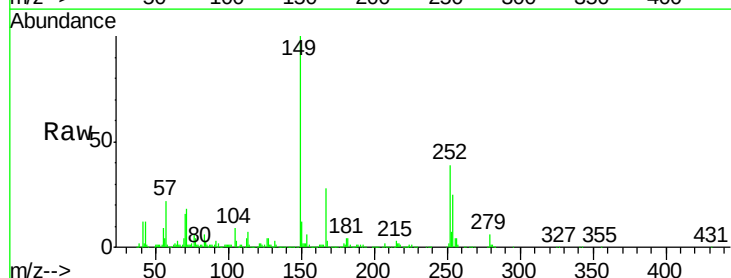
Tgt Ion:149 Resp: 507239

Ion Ratio Lower Upper

149 100

167 27.8 21.3 31.9

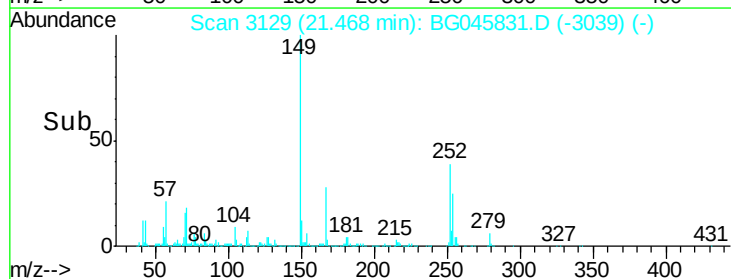
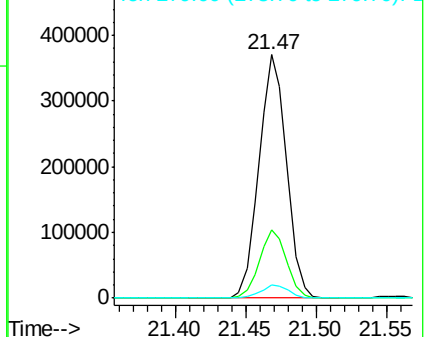
279 5.7 3.7 5.5#

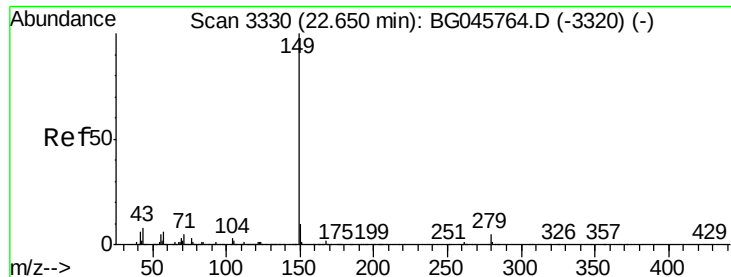


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.288 ng

RT: 22.64 min Scan# 3329

Delta R.T. -0.01 min

Lab File: BG045831.D

Acq: 23 Jun 2020 8:47

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

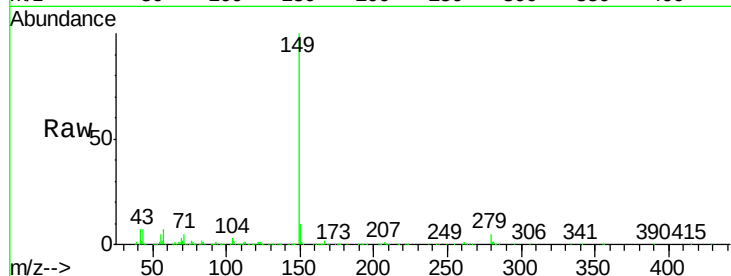
Tot Ion:149 Resp: 866225

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

43 7.4 5.9 8.9



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

600000

500000

400000

300000

200000

100000

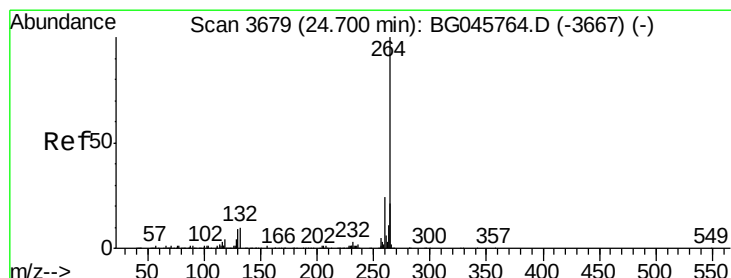
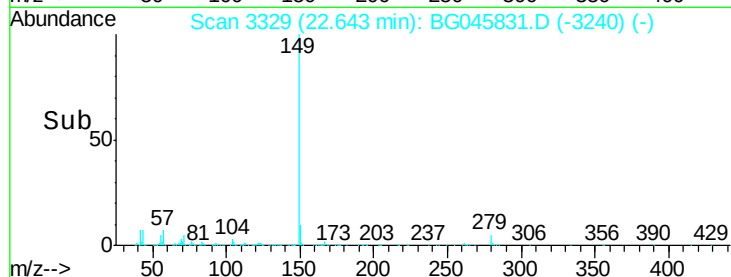
0

22.64

22.60

22.70

Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.71 min Scan# 3680

Delta R.T. 0.01 min

Lab File: BG045831.D

Acq: 23 Jun 2020 8:47

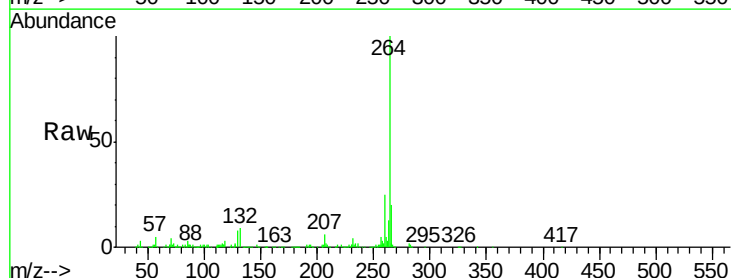
Tgt Ion:264 Resp: 332516

Ion Ratio Lower Upper

264 100

260 24.6 19.0 28.4

265 20.2 17.4 26.0



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

150000

100000

50000

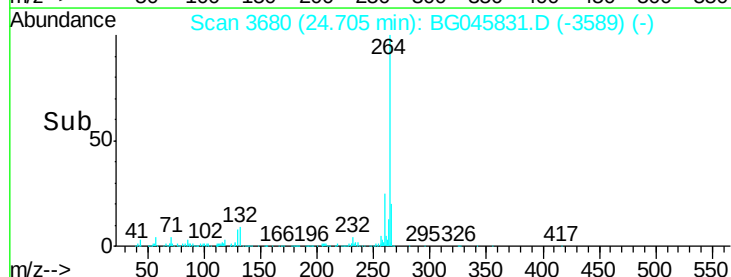
0

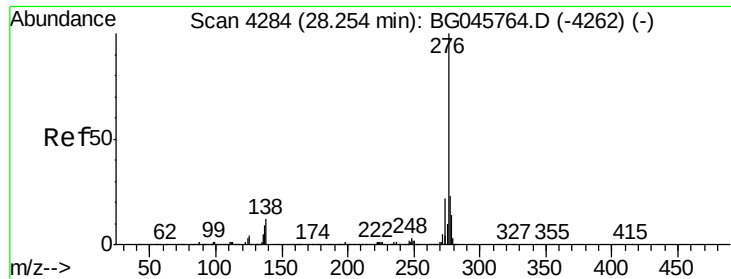
24.71

24.60

24.80

Time-->

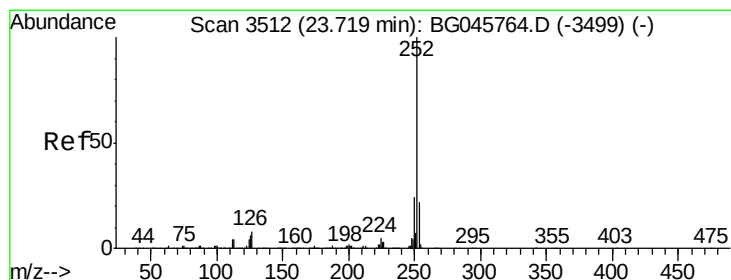
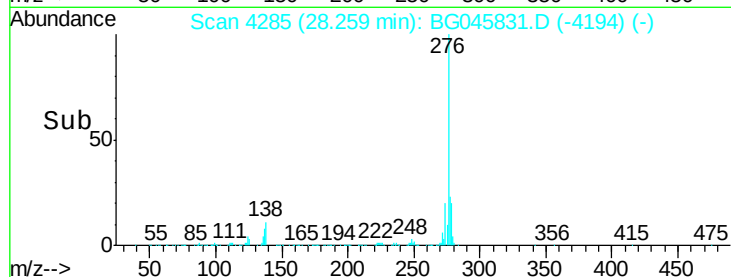
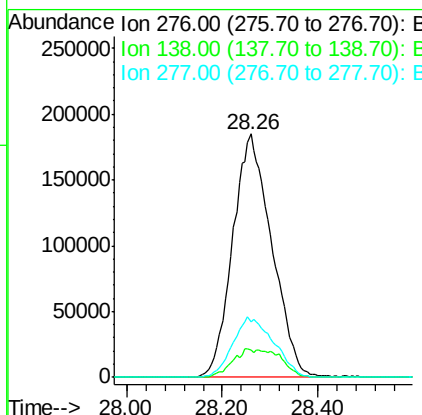
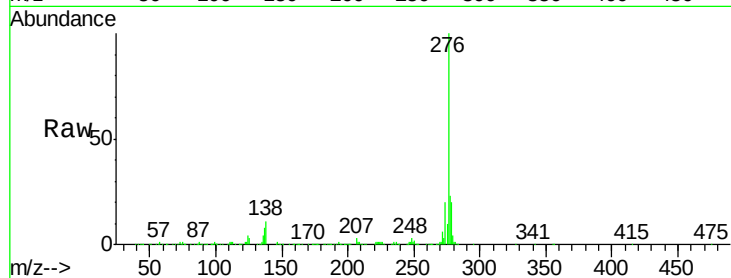




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.310 ng
 RT: 28.26 min Scan# 4285
 Delta R.T. 0.01 min
 Lab File: BG045831.D
 Acq: 23 Jun 2020 8:47

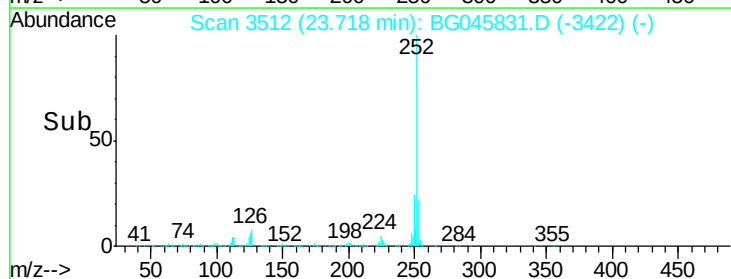
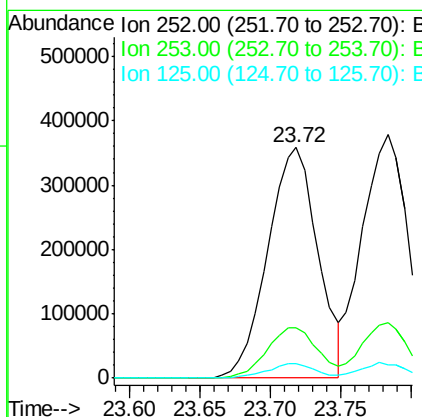
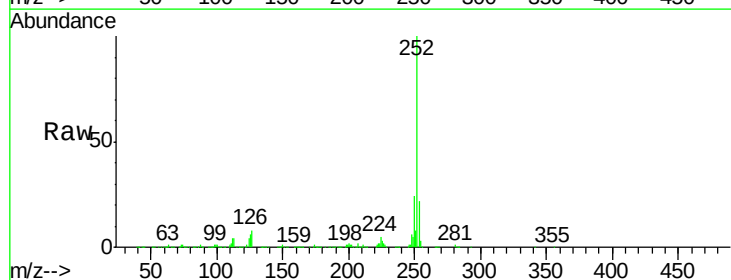
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

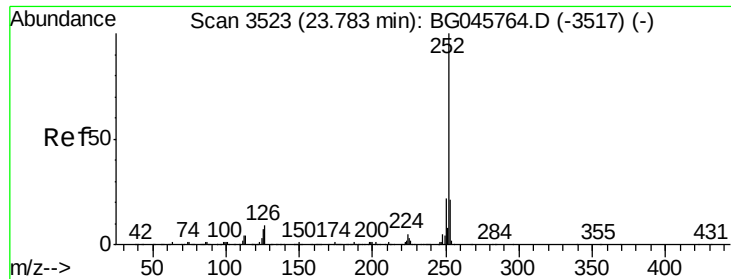
Tot Ion:276 Resp: 1044030
 Ion Ratio Lower Upper
 276 100
 138 6.3 5.4 8.0
 277 25.9 20.6 30.8



#88
 Benzo(b)fluoranthene
 Concen: 42.708 ng
 RT: 23.72 min Scan# 3512
 Delta R.T. -0.00 min
 Lab File: BG045831.D
 Acq: 23 Jun 2020 8:47

Tgt Ion:252 Resp: 890404
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.4 26.0
 125 6.5 5.0 7.4

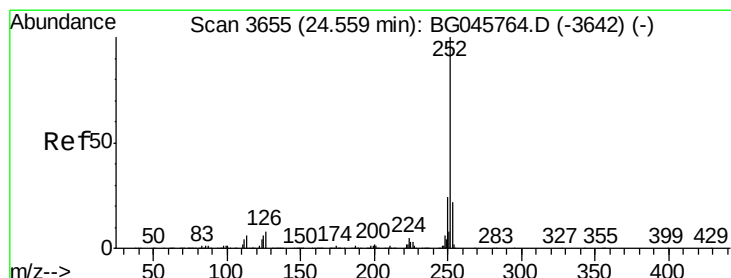
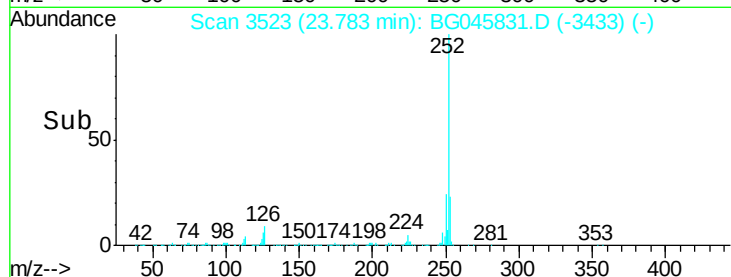
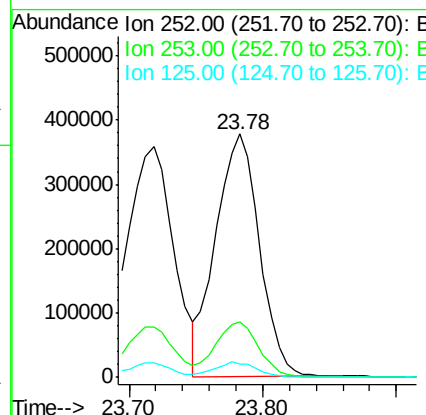
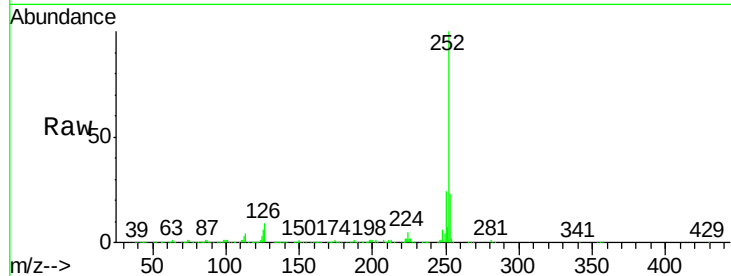




#89
Benzo(k)fluoranthene
Concen: 43.232 ng
RT: 23.78 min Scan# 3523
Delta R.T. -0.00 min
Lab File: BG045831.D
Acq: 23 Jun 2020 8:47

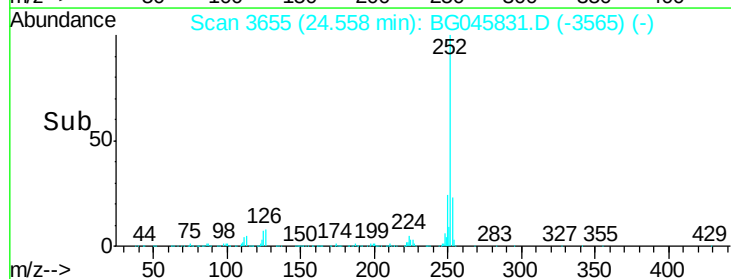
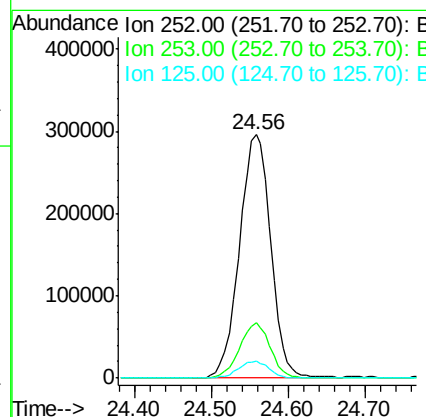
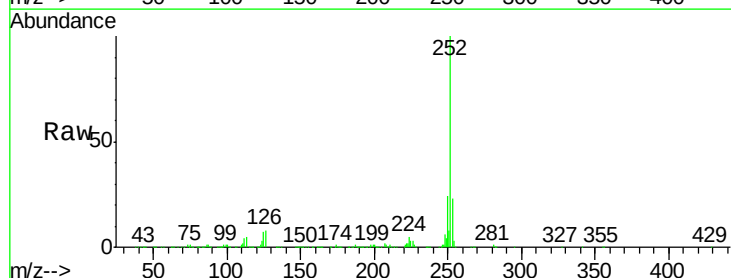
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

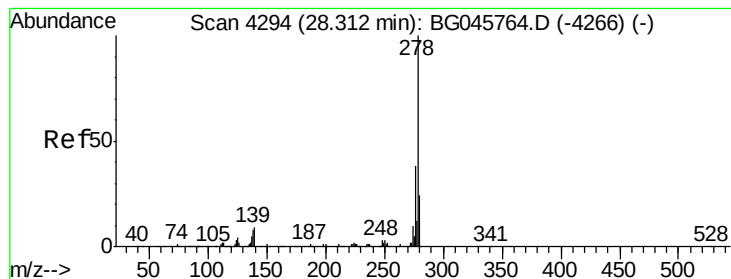
Tot Ion:252 Resp: 862645
Ion Ratio Lower Upper
252 100
253 22.6 17.2 25.8
125 5.6 5.2 7.8



#90
Benzo(a)pyrene
Concen: 43.204 ng
RT: 24.56 min Scan# 3655
Delta R.T. -0.00 min
Lab File: BG045831.D
Acq: 23 Jun 2020 8:47

Tgt Ion:252 Resp: 841416
Ion Ratio Lower Upper
252 100
253 22.6 18.0 27.0
125 7.1 5.0 7.6





#91

Dibenzo(a,h)anthracene

Concen: 44.105 ng

RT: 28.32 min Scan# 4295

Delta R.T. 0.01 min

Lab File: BG045831.D

Acq: 23 Jun 2020 8:47

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

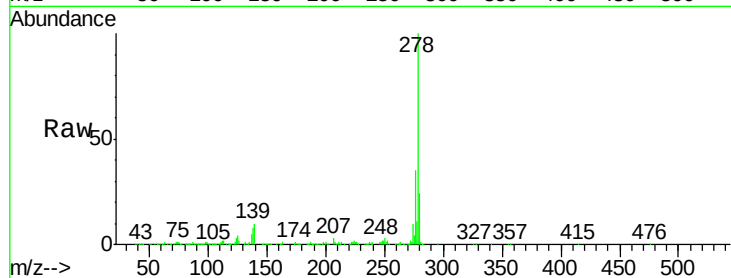
Tot Ion:278 Resp: 852584

Ion Ratio Lower Upper

278 100

139 10.2 7.3 10.9

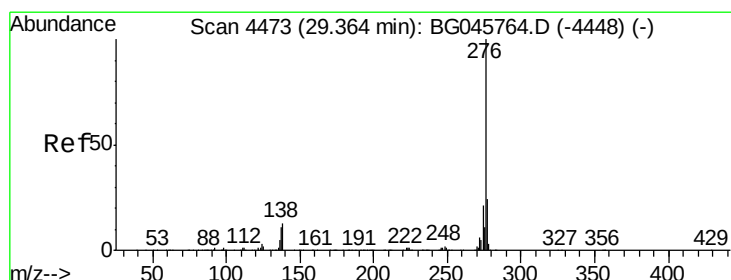
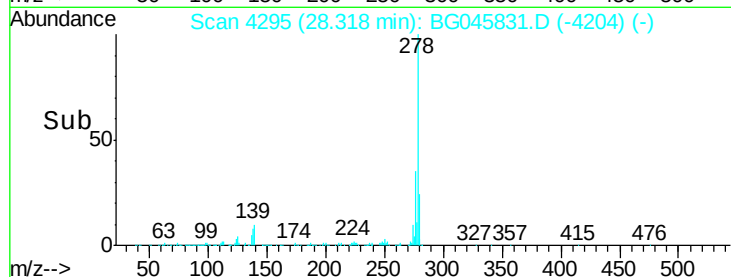
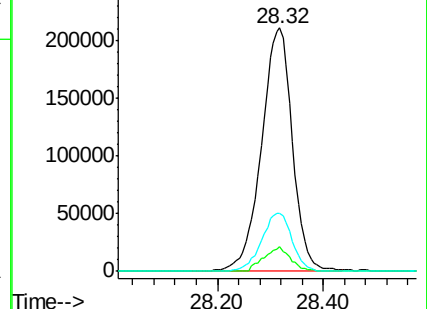
279 23.8 19.5 29.3



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: 43.009 ng

RT: 29.36 min Scan# 4473

Delta R.T. -0.00 min

Lab File: BG045831.D

Acq: 23 Jun 2020 8:47

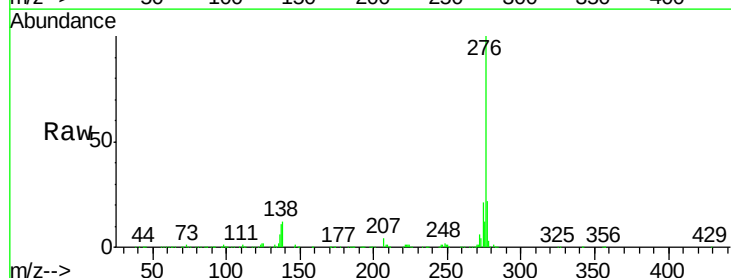
Tgt Ion:276 Resp: 832155

Ion Ratio Lower Upper

276 100

277 22.3 19.2 28.8

138 12.3 10.6 15.8



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

