

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG052120\
 Data File : BG045438.D
 Acq On : 21 May 2020 12:44
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: May 21 15:07:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 20 14:43:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	80239	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	331056	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	249718	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	599513	20.00	ng	0.00
76) Chrysene-d12	21.62	240	556199	20.00	ng	0.00
87) Perylene-d12	24.77	264	634526	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	328867	80.10	ng	0.00
7) Phenol-d6	7.19	99	489391	83.75	ng	0.00
23) Nitrobenzene-d5	9.12	82	480632	79.17	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	251312	78.69	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	1143616	77.68	ng	0.00
79) Terphenyl-d14	19.97	244	1916923	80.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.41	88	76860	37.750	ng	100
3) Pyridine	3.81	79	224726	39.631	ng	99
4) n-Nitrosodimethylamine	3.73	42	70271	37.871	ng	95
6) Aniline	7.29	93	308305	40.415	ng	99
8) 2-Chlorophenol	7.54	128	181464	40.303	ng	98
9) Benzaldehyde	7.09	77	152512	40.057	ng	97
10) Phenol	7.21	94	253178	42.037	ng	95
11) bis(2-Chloroethyl)ether	7.38	93	191087	40.676	ng	98
12) 1,3-Dichlorobenzene	7.85	146	216126	39.944	ng	98
13) 1,4-Dichlorobenzene	8.00	146	215509	40.360	ng	97
14) 1,2-Dichlorobenzene	8.31	146	206263	40.163	ng	93
15) Benzyl Alcohol	8.21	79	204654	42.394	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.50	45	177852	39.884	ng	99
17) 2-Methylphenol	8.45	107	188137	41.734	ng	97
18) Hexachloroethane	9.05	117	82836	40.505	ng	94
19) n-Nitroso-di-n-propylamine	8.77	70	174220	43.113	ng	99
20) 3+4-Methylphenols	8.45	107	188137	30.648	ng	79
22) Acetophenone	8.78	105	320456	40.841	ng	# 92
24) Nitrobenzene	9.17	77	258287	39.710	ng	98
25) Isophorone	9.69	82	491543	41.113	ng	99
26) 2-Nitrophenol	9.88	139	113160	40.669	ng	91
27) 2,4-Dimethylphenol	9.97	122	173763	42.106	ng	96
28) bis(2-Chloroethoxy)methane	10.18	93	253532	40.435	ng	98
29) 2,4-Dichlorophenol	10.45	162	202979	41.652	ng	99
30) 1,2,4-Trichlorobenzene	10.63	180	236153	41.010	ng	99
31) Naphthalene	10.82	128	618068	40.064	ng	99
32) Benzoic acid	10.16	122	137406	48.756	ng	99
33) 4-Chloroaniline	10.94	127	277521	43.036	ng	95
34) Hexachlorobutadiene	11.12	225	166128	40.813	ng	99
35) Caprolactam	11.71	113	75511	42.215	ng	93
36) 4-Chloro-3-methylphenol	12.10	107	233674	42.553	ng	96
37) 2-Methylnaphthalene	12.43	142	482712	41.981	ng	98
38) 1-Methylnaphthalene	12.65	142	450962	41.519	ng	92
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	270061	38.718	ng	99

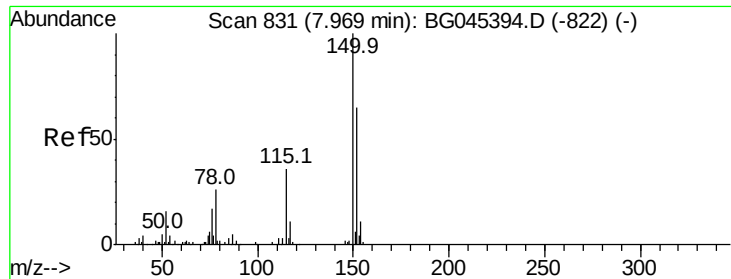
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG052120\
 Data File : BG045438.D
 Acq On : 21 May 2020 12:44
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	155275	38.569	ng	96
43) 2,4,6-Trichlorophenol	13.05	196	193739	39.985	ng	99
44) 2,4,5-Trichlorophenol	13.15	196	222585	40.200	ng	97
46) 1,1'-Biphenyl	13.44	154	602895	39.292	ng	99
47) 2-Chloronaphthalene	13.48	162	490401	39.358	ng	98
48) 2-Nitroaniline	13.69	65	162295	39.597	ng	89
49) Acenaphthylene	14.33	152	799690	39.957	ng	99
50) Dimethylphthalate	14.06	163	680453	39.722	ng	98
51) 2,6-Dinitrotoluene	14.18	165	154476	39.963	ng	93
52) Acenaphthene	14.68	154	478182	35.694	ng	98
53) 3-Nitroaniline	14.52	138	156435	39.811	ng	97
54) 2,4-Dinitrophenol	14.72	184	80882	35.221	ng	96
55) Dibenzofuran	15.00	168	786126	39.515	ng	96
56) 4-Nitrophenol	14.89	139	112722	37.890	ng	92
57) 2,4-Dinitrotoluene	14.97	165	220779	39.437	ng	95
58) Fluorene	15.66	166	647264	39.602	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.25	232	194693	39.968	ng	97
60) Diethylphthalate	15.43	149	703453	39.453	ng	99
61) 4-Chlorophenyl-phenylether	15.65	204	379098	40.533	ng	97
62) 4-Nitroaniline	15.69	138	163693	39.904	ng	96
63) Azobenzene	15.94	77	643457	38.703	ng	97
65) 4,6-Dinitro-2-methylphenol	15.74	198	135425	38.786	ng	98
66) n-Nitrosodiphenylamine	15.87	169	579630	40.268	ng	96
67) 4-Bromophenyl-phenylether	16.54	248	267442	41.197	ng	97
68) Hexachlorobenzene	16.67	284	275751	40.612	ng	97
69) Atrazine	16.82	200	230514	38.880	ng	100
70) Pentachlorophenol	17.02	266	127330	36.116	ng	97
71) Phenanthrene	17.40	178	1037361	39.636	ng	100
72) Anthracene	17.49	178	1045946	39.796	ng	97
73) Carbazole	17.77	167	1009751	39.413	ng	99
74) Di-n-butylphthalate	18.32	149	1190570	38.718	ng	99
75) Fluoranthene	19.41	202	1292678	38.832	ng	100
77) Benzidine	19.59	184	527613	33.776	ng	98
78) Pyrene	19.77	202	1293568	40.799	ng	99
80) Butylbenzylphthalate	20.66	149	547066	39.975	ng	99
81) Benzo(a)anthracene	21.60	228	1242470	40.100	ng	98
82) 3,3'-Dichlorobenzidine	21.51	252	486654	40.041	ng	98
83) Chrysene	21.66	228	1186322	39.820	ng	98
84) Bis(2-ethylhexyl)phthalate	21.51	149	753496	40.054	ng	98
85) Di-n-octyl phthalate	22.70	149	1281393	39.659	ng	99
86) Indeno(1,2,3-cd)pyrene	28.36	276	1565161	40.175	ng	# 95
88) Benzo(b)fluoranthene	23.77	252	1339790	39.370	ng	99
89) Benzo(k)fluoranthene	23.84	252	1292429	40.425	ng	98
90) Benzo(a)pyrene	24.62	252	1260776	39.780	ng	# 98
91) Dibenzo(a,h)anthracene	28.41	278	1278352	40.138	ng	99
92) Benzo(g,h,i)perylene	29.47	276	1246577	39.136	ng	98

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

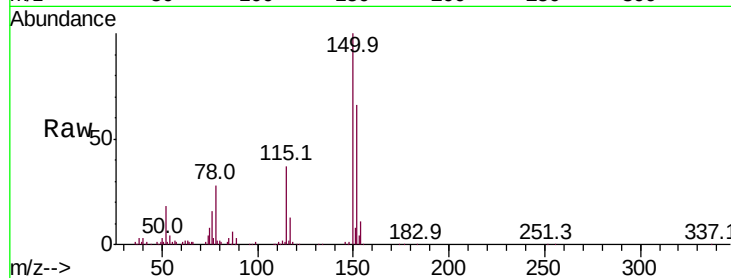


#1

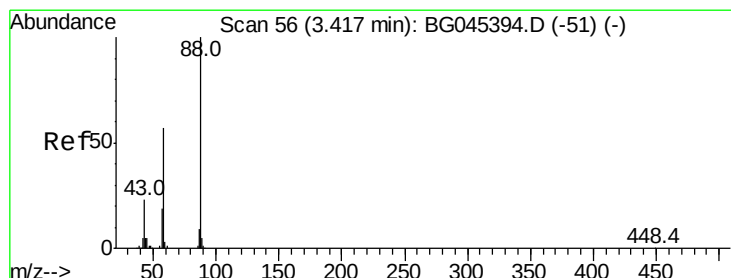
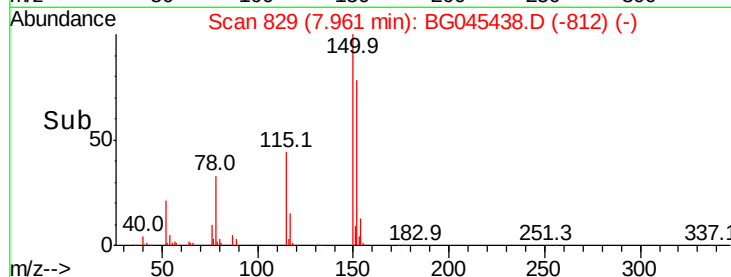
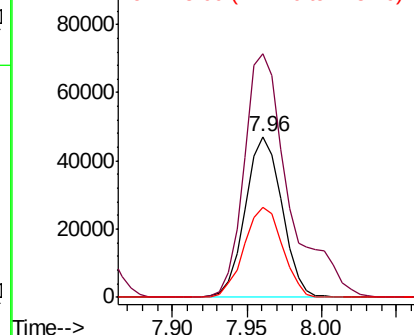
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.96 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BG045438.D
 Acq: 21 May 2020 12:44

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:152 Resp: 80239
 Ion Ratio Lower Upper
 152 100
 150 151.3 122.4 183.6
 115 56.0 44.2 66.4



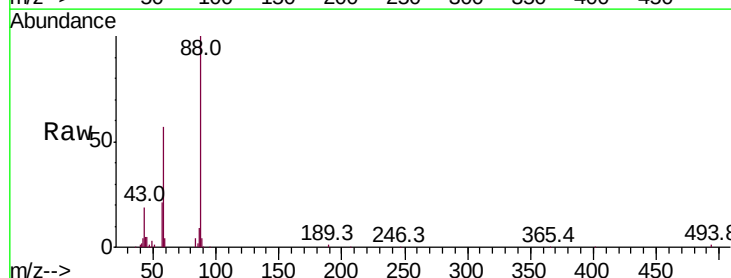
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



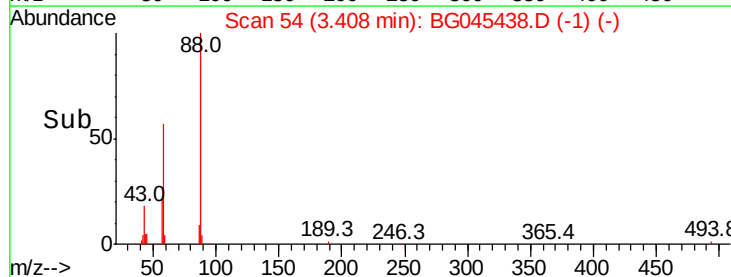
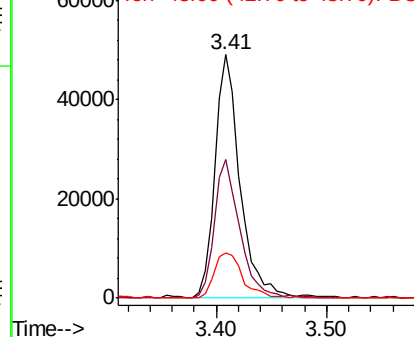
#2

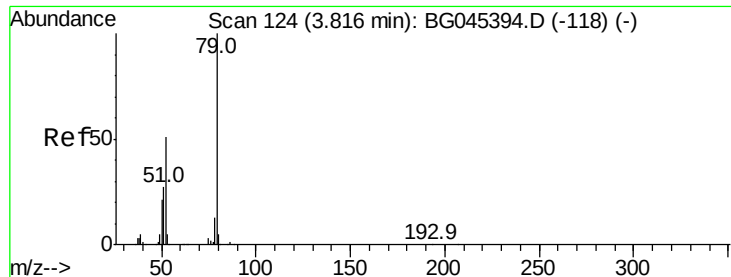
1,4-Dioxane
 Concen: 37.750 ng
 RT: 3.41 min Scan# 54
 Delta R.T. 0.00 min
 Lab File: BG045438.D
 Acq: 21 May 2020 12:44

Tgt Ion: 88 Resp: 76860
 Ion Ratio Lower Upper
 88 100
 58 57.2 45.7 68.5
 43 20.7 16.8 25.2



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: 39.631 ng

RT: 3.81 min Scan# 122

Delta R.T. -0.00 min

Lab File: BG045438.D

Acq: 21 May 2020 12:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

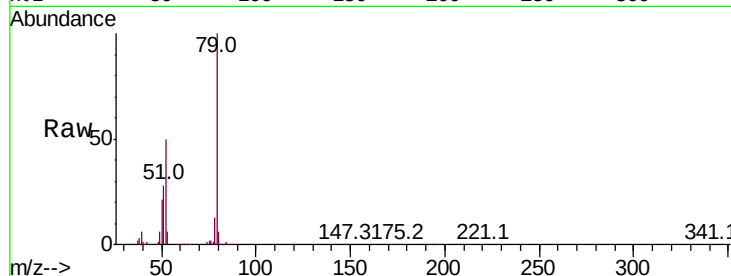
Tot Ion: 79 Resp: 224726

Ion Ratio Lower Upper

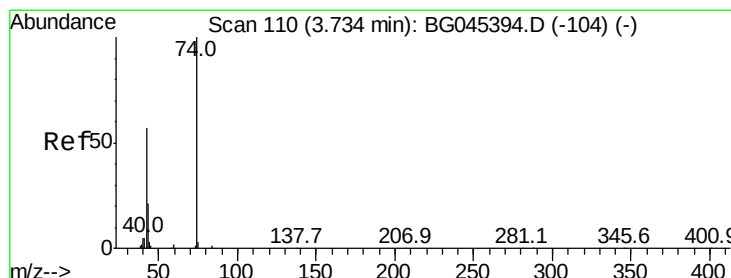
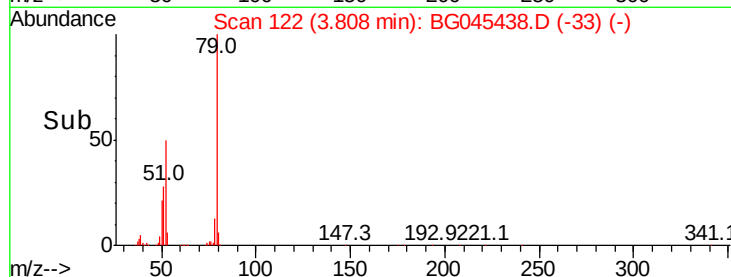
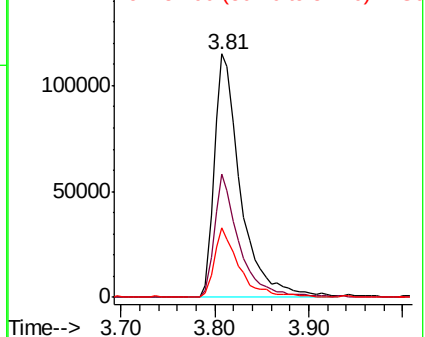
79 100

52 50.4 40.8 61.2

51 28.4 21.9 32.9



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



#4

n-Nitrosodimethylamine

Concen: 37.871 ng

RT: 3.73 min Scan# 108

Delta R.T. 0.00 min

Lab File: BG045438.D

Acq: 21 May 2020 12:44

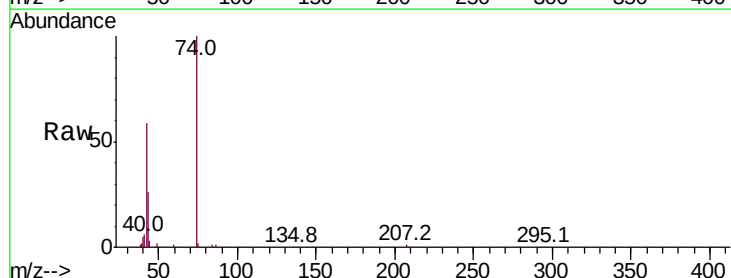
Tgt Ion: 42 Resp: 70271

Ion Ratio Lower Upper

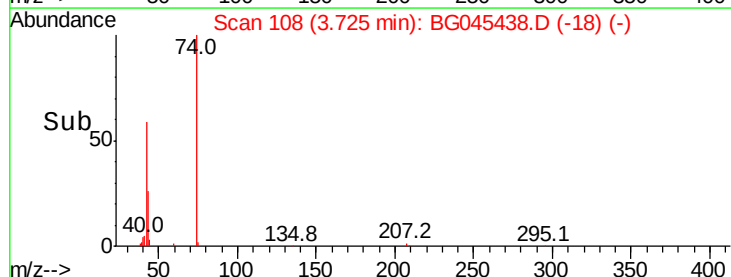
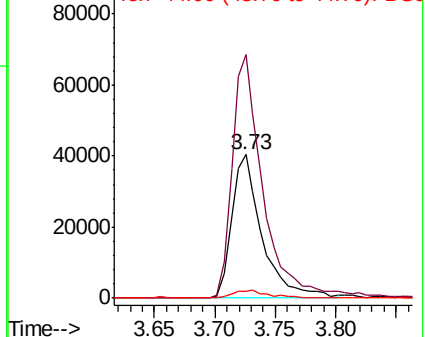
42 100

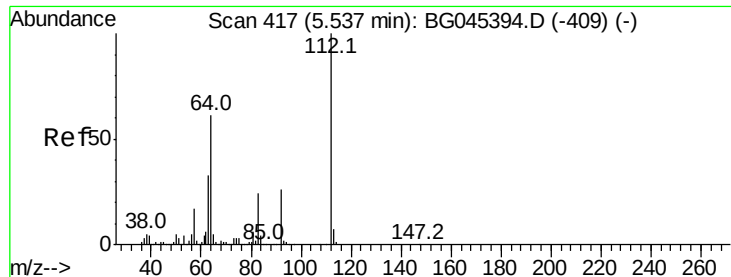
74 169.9 141.3 211.9

44 5.0 4.2 6.4



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





#5

2-Fluorophenol

Concen: 80.099 ng

RT: 5.56 min Scan# 421

Delta R.T. -0.00 min

Lab File: BG045438.D

Acq: 21 May 2020 12:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

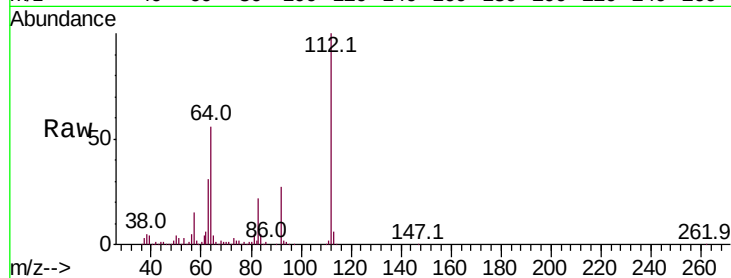
Tot Ion:112 Resp: 328867

Ion Ratio Lower Upper

112 100

64 56.5 48.6 72.8

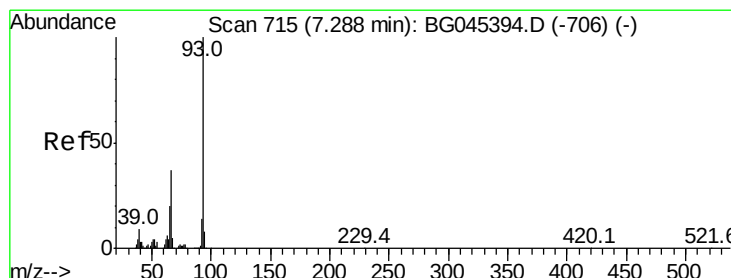
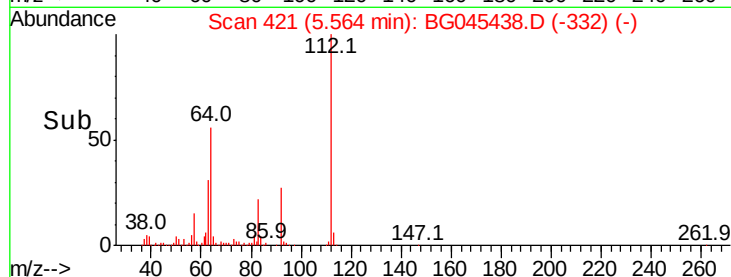
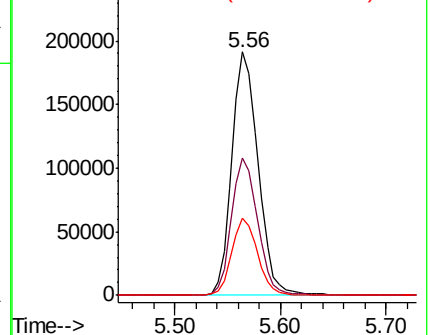
63 31.5 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 40.415 ng

RT: 7.29 min Scan# 715

Delta R.T. 0.00 min

Lab File: BG045438.D

Acq: 21 May 2020 12:44

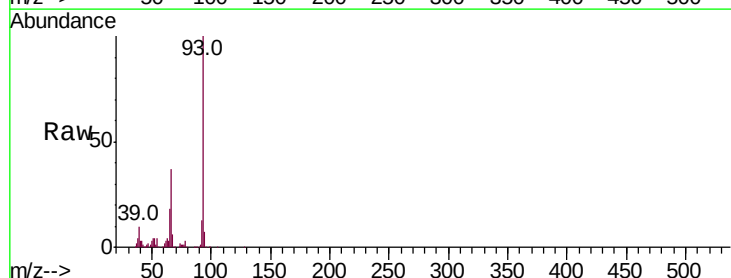
Tgt Ion: 93 Resp: 308305

Ion Ratio Lower Upper

93 100

66 37.2 29.6 44.4

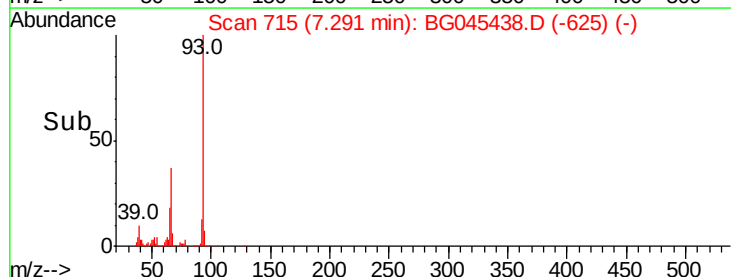
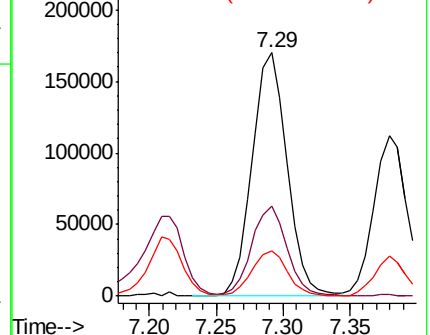
65 18.4 15.9 23.9

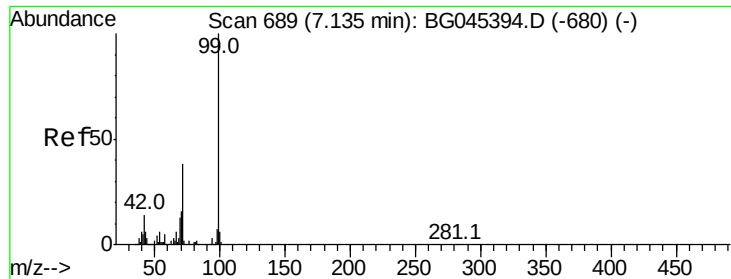


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 83.746 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG045438.D

Acq: 21 May 2020 12:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

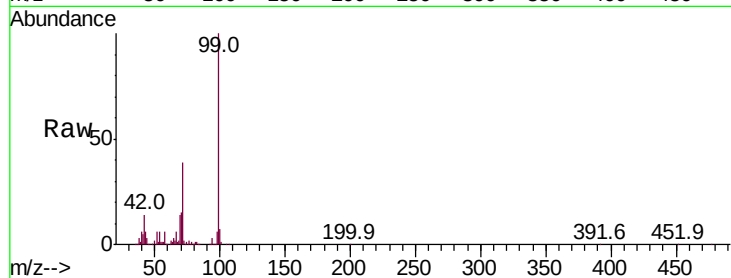
Tot Ion: 99 Resp: 489391

Ion Ratio Lower Upper

99 100

42 13.6 11.3 16.9

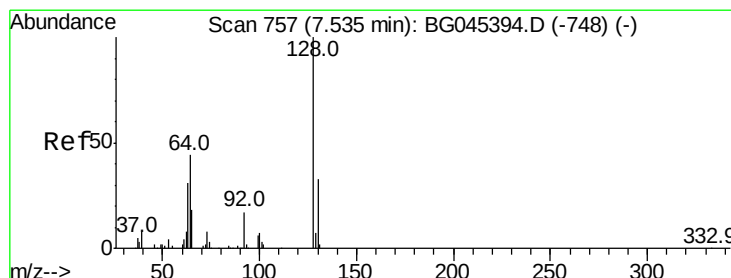
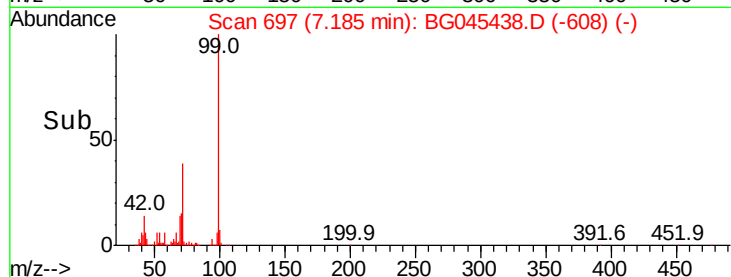
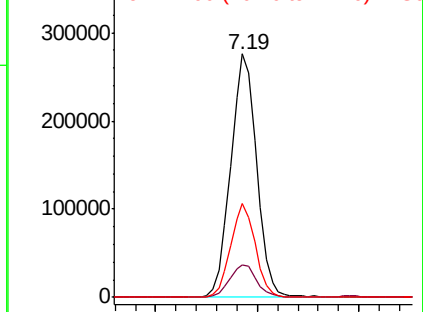
71 38.6 30.8 46.2



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: 40.303 ng

RT: 7.54 min Scan# 758

Delta R.T. -0.00 min

Lab File: BG045438.D

Acq: 21 May 2020 12:44

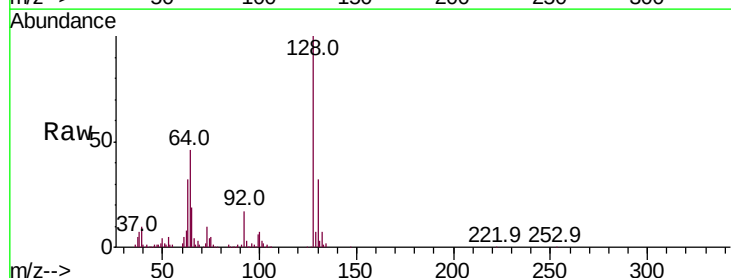
Tgt Ion: 128 Resp: 181464

Ion Ratio Lower Upper

128 100

130 31.6 12.6 52.6

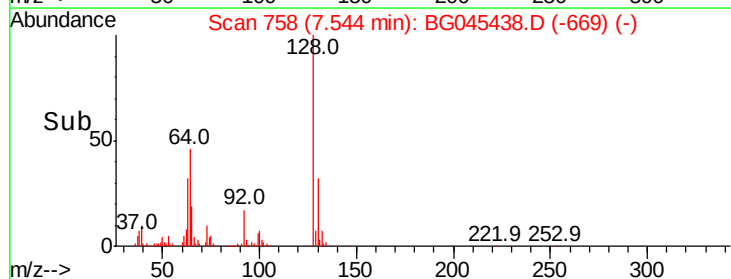
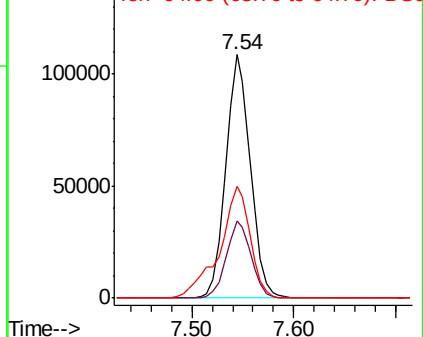
64 46.1 27.0 67.0

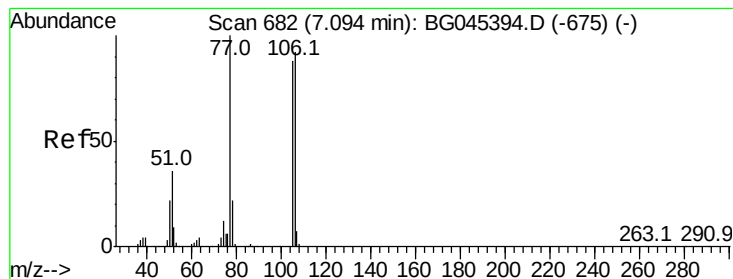


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 40.057 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.00 min

Lab File: BG045438.D

Acq: 21 May 2020 12:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

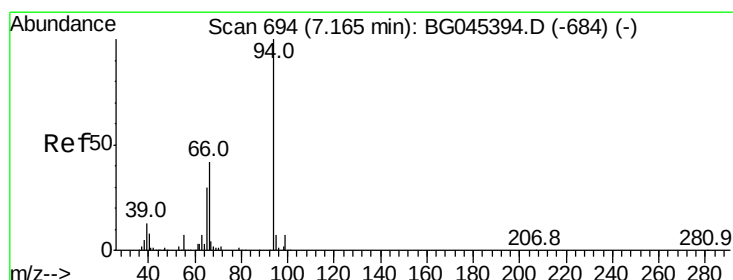
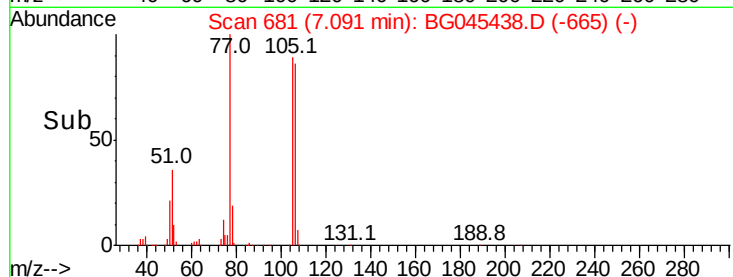
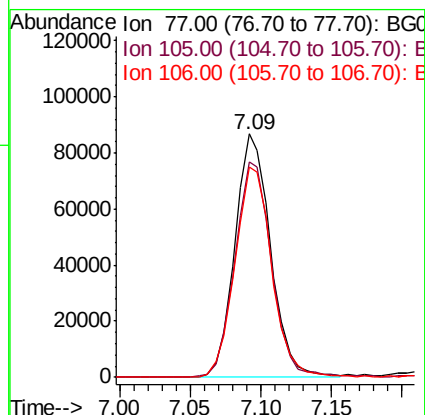
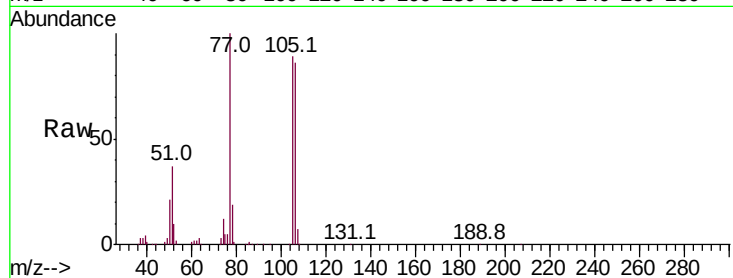
Tot Ion: 77 Resp: 152512

Ion Ratio Lower Upper

77 100

105 88.7 68.5 108.5

106 86.4 71.6 111.6



#10

Phenol

Concen: 42.037 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG045438.D

Acq: 21 May 2020 12:44

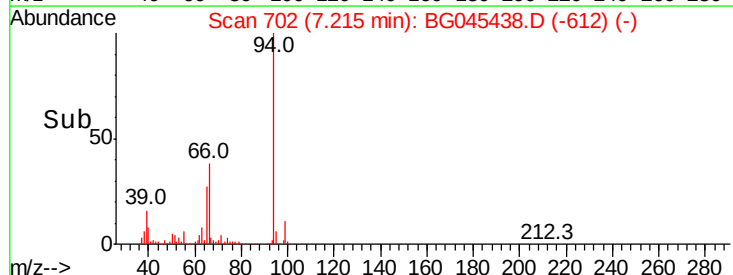
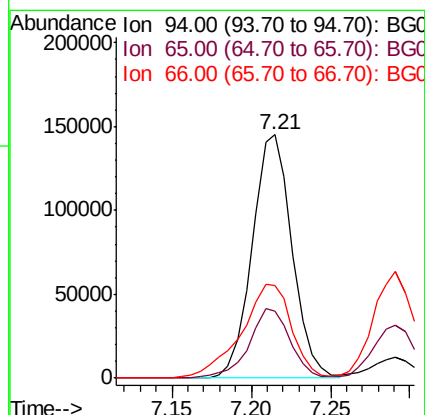
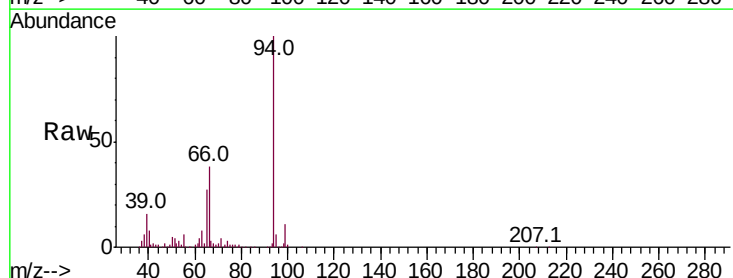
Tgt Ion: 94 Resp: 253178

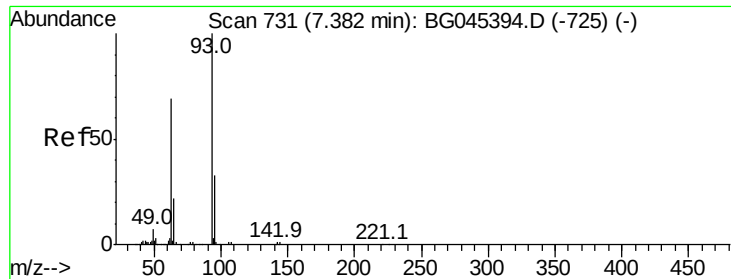
Ion Ratio Lower Upper

94 100

65 27.4 9.8 49.8

66 38.2 22.0 62.0

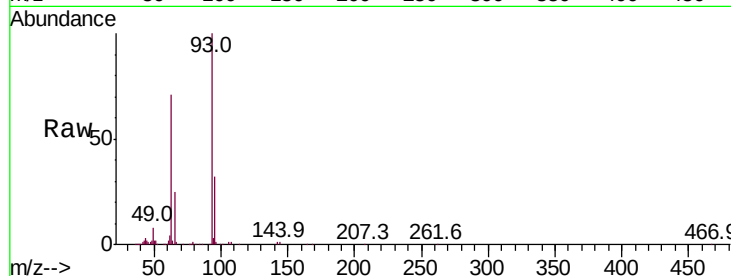




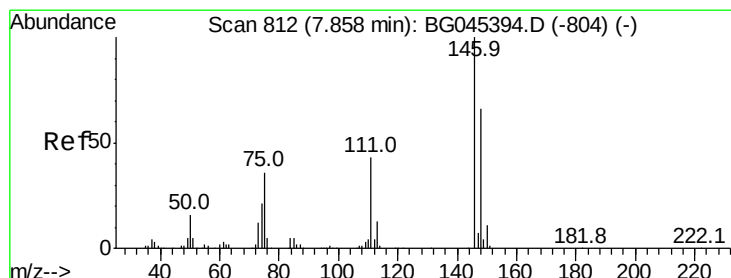
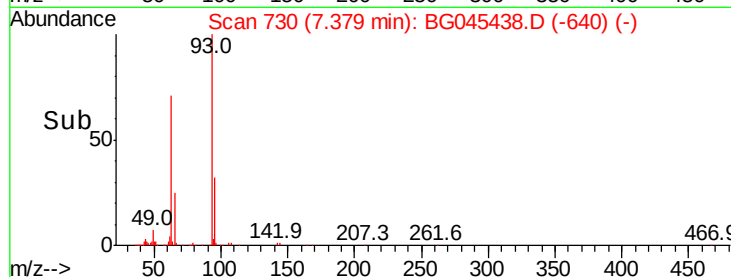
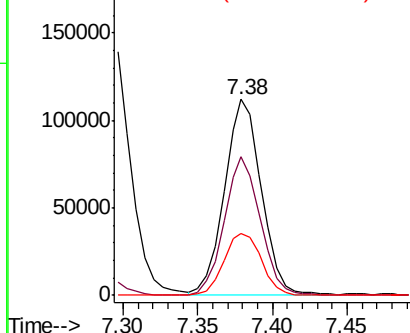
#11
bis(2-Chloroethyl)ether
Concen: 40.676 ng
RT: 7.38 min Scan# 730
Delta R.T. 0.00 min
Lab File: BG045438.D
Acq: 21 May 2020 12:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion: 93 Resp: 191087
Ion Ratio Lower Upper
93 100
63 70.9 48.4 88.4
95 31.8 12.4 52.4

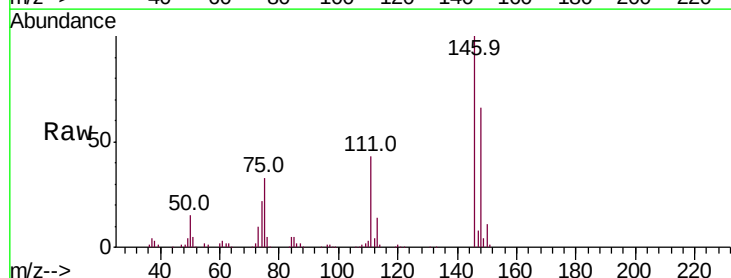


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

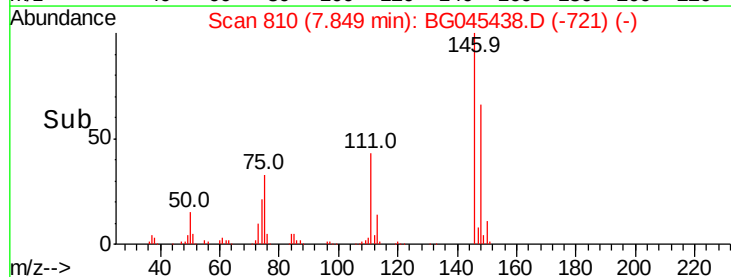
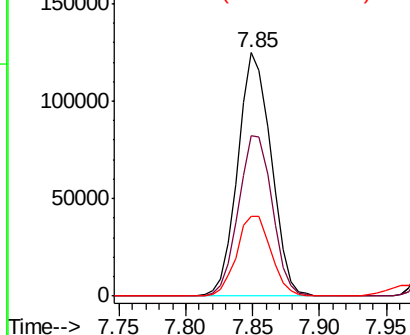


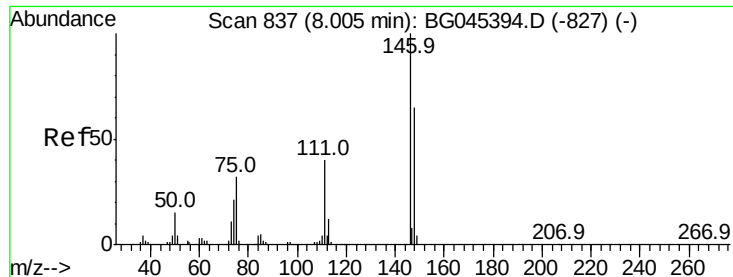
#12
1,3-Dichlorobenzene
Concen: 39.944 ng
RT: 7.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BG045438.D
Acq: 21 May 2020 12:44

Tgt Ion: 146 Resp: 216126
Ion Ratio Lower Upper
146 100
148 65.9 53.2 79.8
75 32.9 28.6 43.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BGC

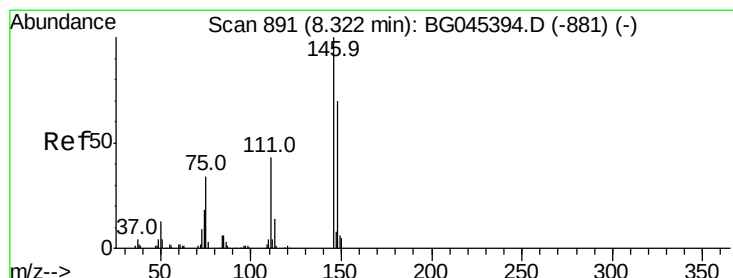
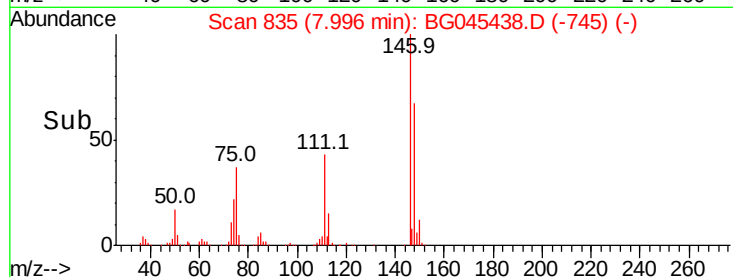
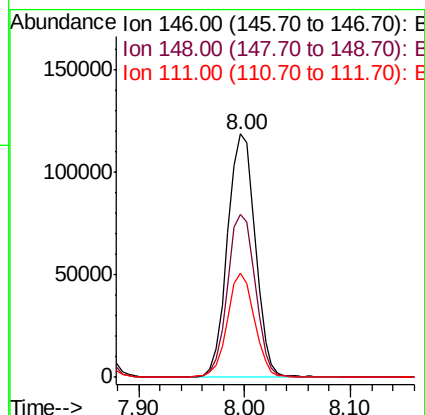
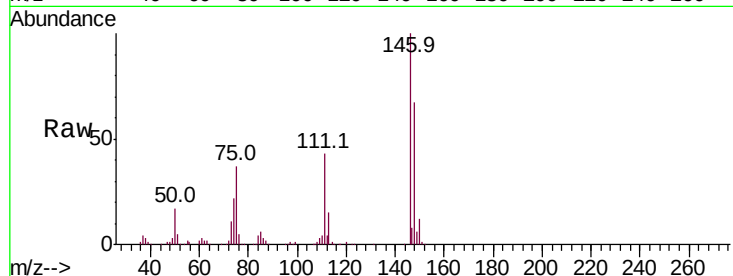




#13
1,4-Dichlorobenzene
Concen: 40.360 ng
RT: 8.00 min Scan# 835
Delta R.T. 0.00 min
Lab File: BG045438.D
Acq: 21 May 2020 12:44

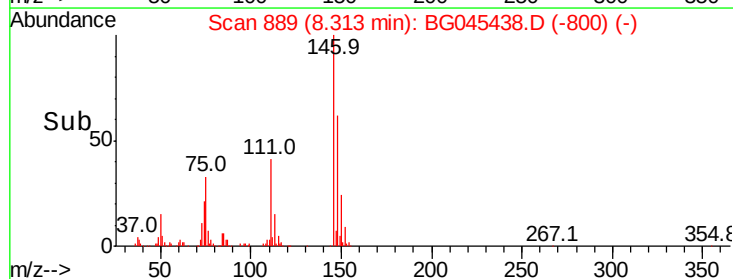
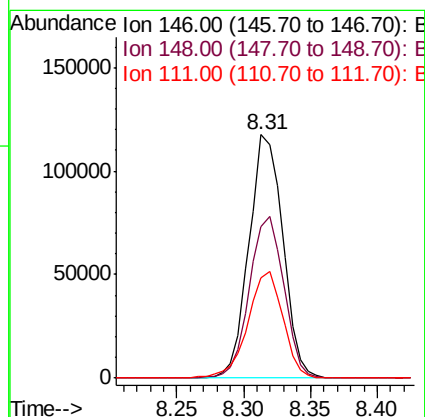
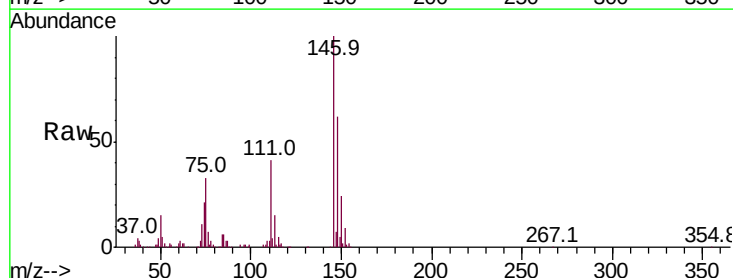
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

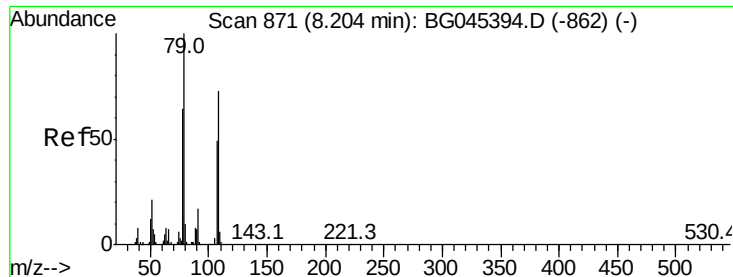
Tot Ion	Ratio	Lower	Upper
146	100		
148	66.9	51.8	77.8
111	43.0	32.1	48.1



#14
1,2-Dichlorobenzene
Concen: 40.163 ng
RT: 8.31 min Scan# 889
Delta R.T. -0.00 min
Lab File: BG045438.D
Acq: 21 May 2020 12:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	55.9	83.9
111	40.9	35.0	52.4





#15

Benzyl Alcohol

Concen: 42.394 ng

RT: 8.21 min Scan# 872

Delta R.T. -0.00 min

Lab File: BG045438.D

Acq: 21 May 2020 12:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

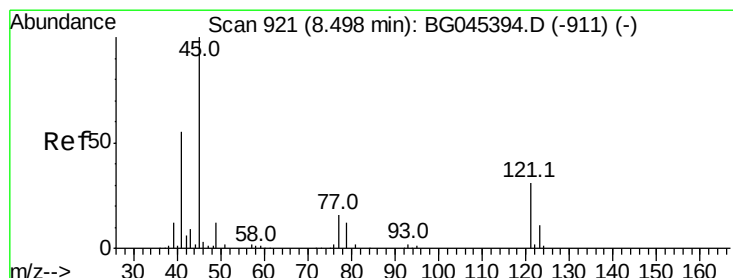
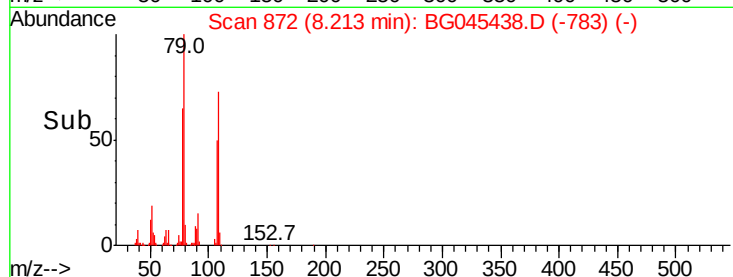
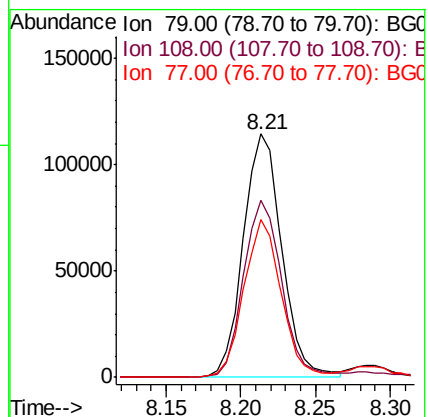
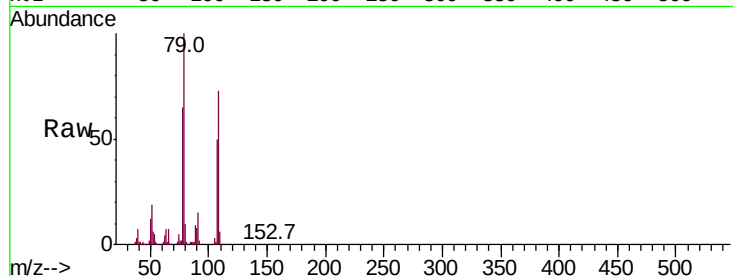
Tot Ion: 79 Resp: 204654

Ion Ratio Lower Upper

79 100

108 72.7 58.2 87.4

77 65.1 51.0 76.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.884 ng

RT: 8.50 min Scan# 920

Delta R.T. 0.01 min

Lab File: BG045438.D

Acq: 21 May 2020 12:44

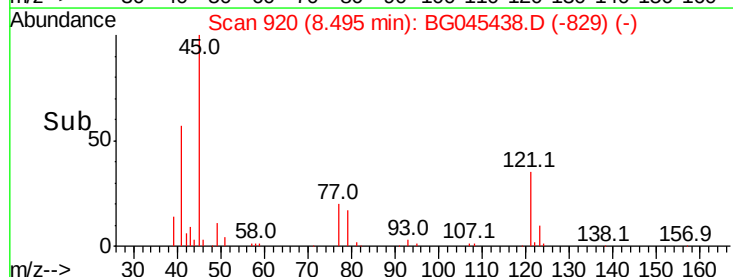
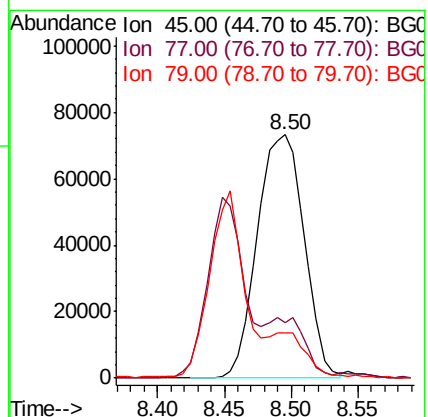
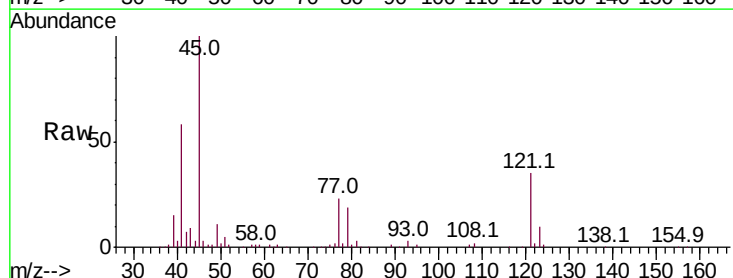
Tgt Ion: 45 Resp: 177852

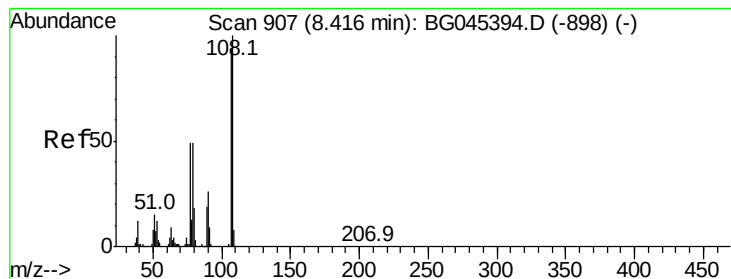
Ion Ratio Lower Upper

45 100

77 23.0 4.0 44.0

79 18.8 0.0 38.6

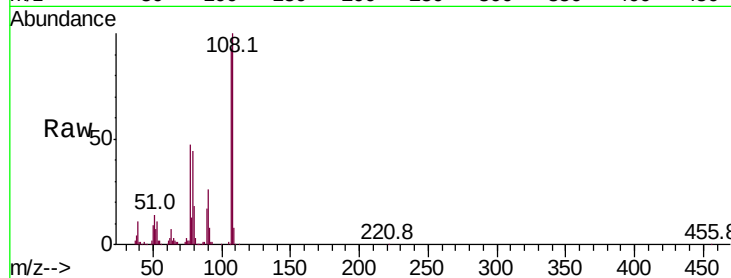




#17
2-Methylphenol
Concen: 41.734 ng
RT: 8.45 min Scan# 912
Delta R.T. -0.00 min
Lab File: BG045438.D
Acq: 21 May 2020 12:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	188137
Ion	Ratio	Lower	Upper
107	100		
108	107.1	85.2	127.8
77	50.4	41.6	62.4
79	46.7	41.8	62.8



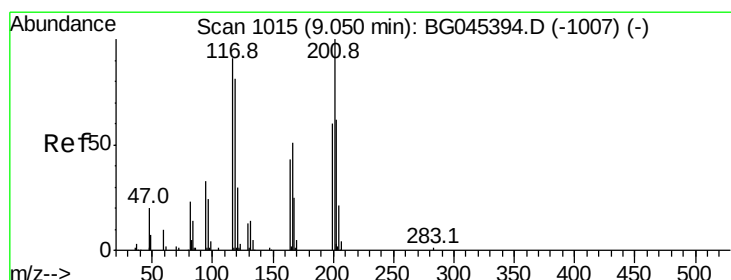
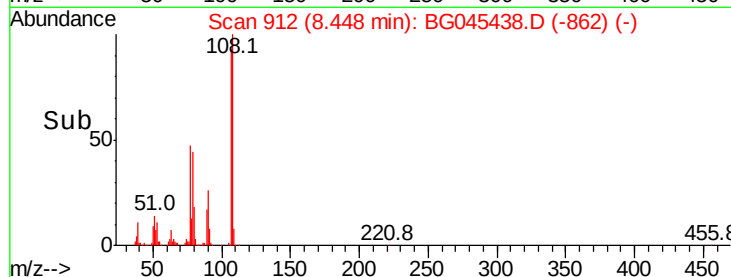
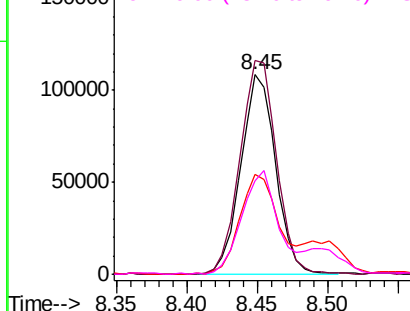
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

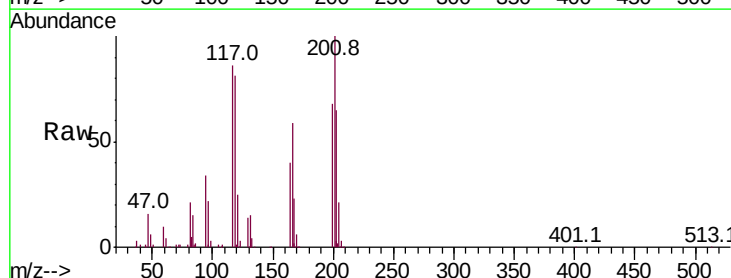
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 40.505 ng
RT: 9.05 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BG045438.D
Acq: 21 May 2020 12:44

Tgt Ion:	117	Resp:	82836
Ion	Ratio	Lower	Upper
117	100		
119	94.1	71.3	106.9
201	116.4	87.5	131.3

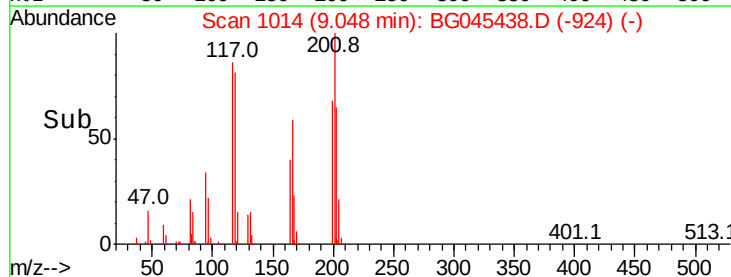
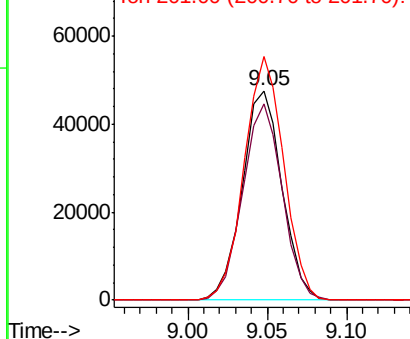


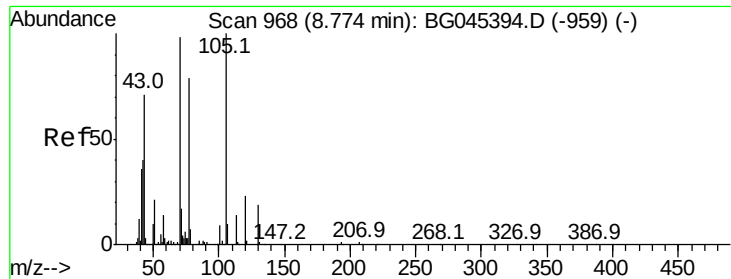
Abundance

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

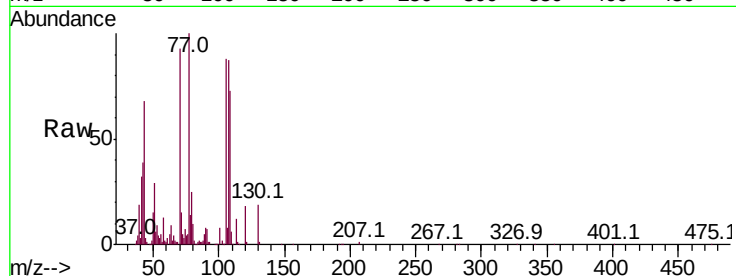




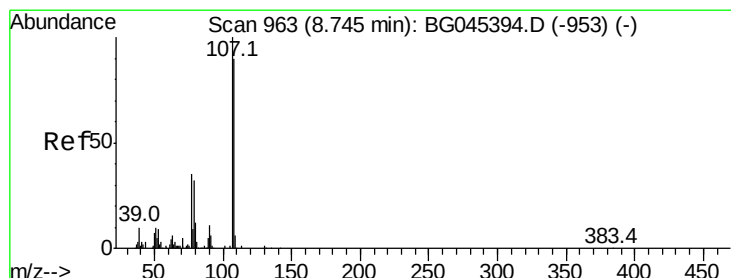
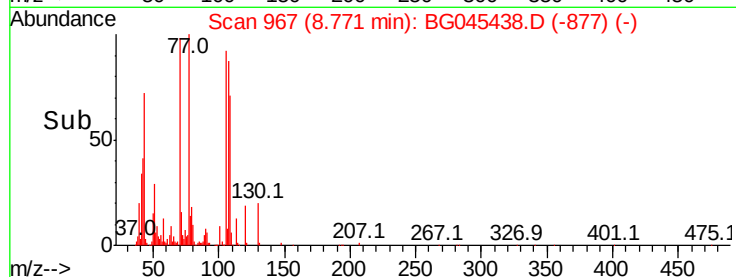
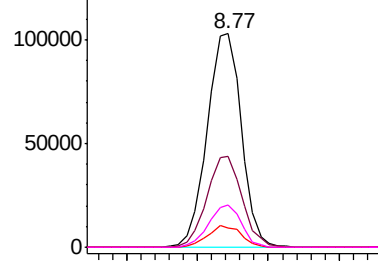
#19
n-Nitroso-di-n-propylamine
Concen: 43.113 ng
RT: 8.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BG045438.D
Acq: 21 May 2020 12:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion: 70 Resp: 174220
Ion Ratio Lower Upper
70 100
42 42.4 33.2 49.8
101 9.1 7.8 11.6
130 19.9 15.4 23.2

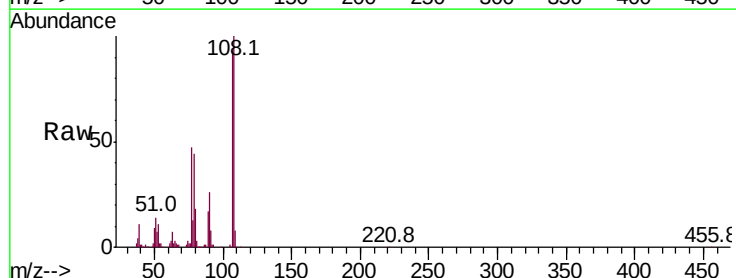


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

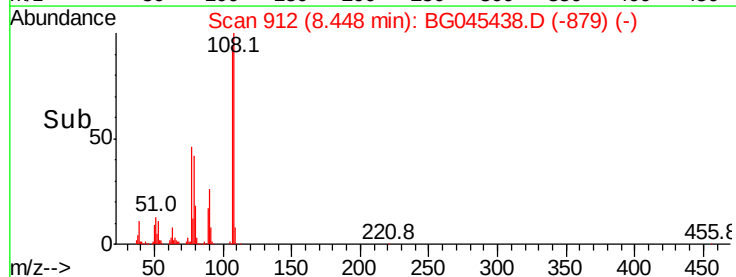
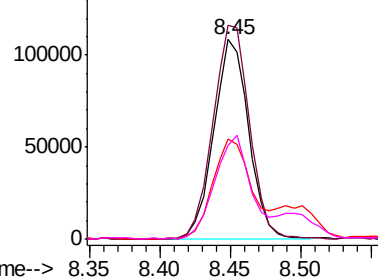


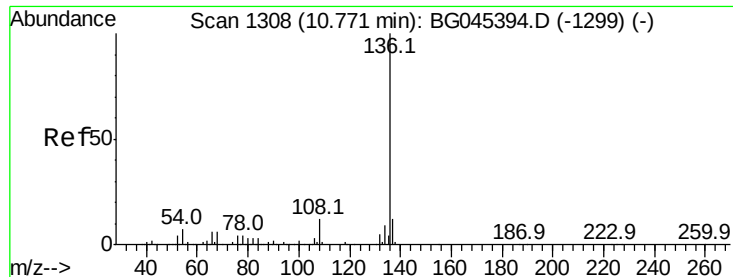
#20
3+4-Methylphenols
Concen: 30.648 ng
RT: 8.45 min Scan# 912
Delta R.T. -0.33 min
Lab File: BG045438.D
Acq: 21 May 2020 12:44

Tgt Ion:107 Resp: 188137
Ion Ratio Lower Upper
107 100
108 107.1 70.3 110.3
77 50.4 15.4 55.4
79 46.7 12.6 52.6



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

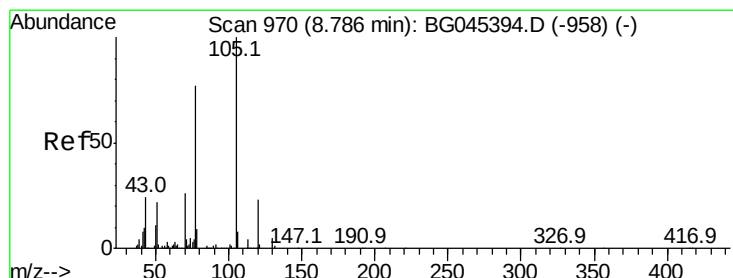
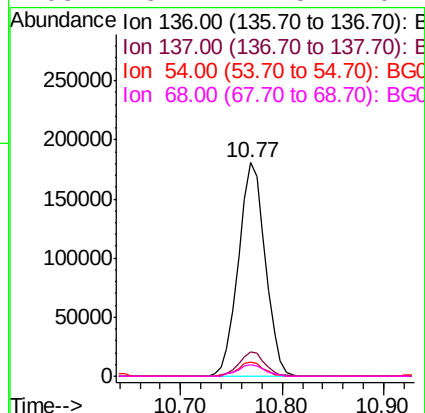
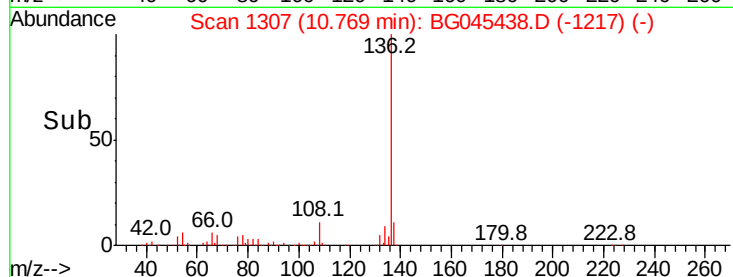
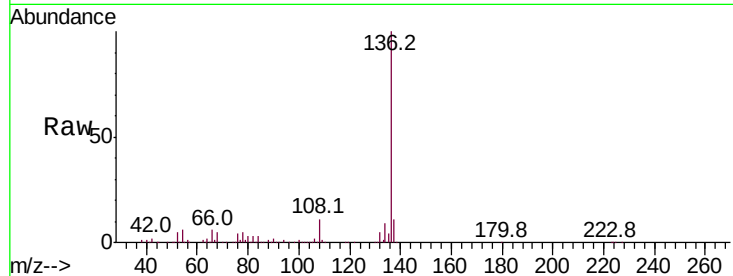




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BG045438.D
Acq: 21 May 2020 12:44

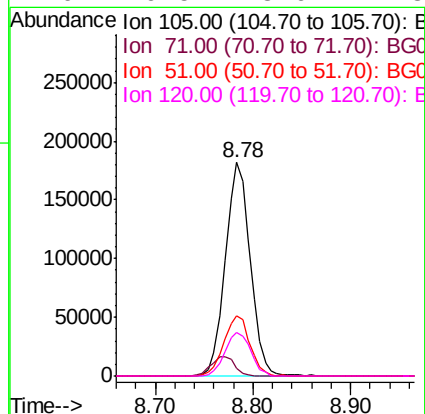
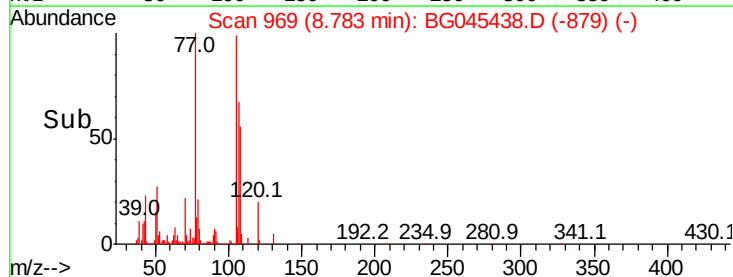
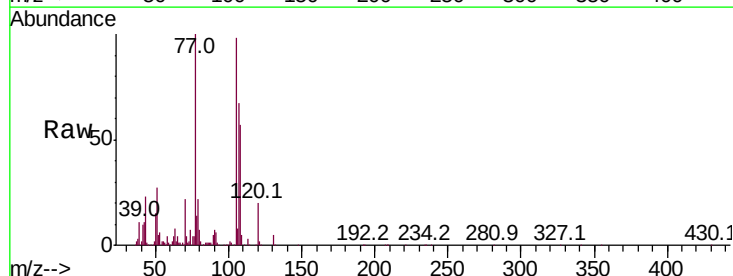
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

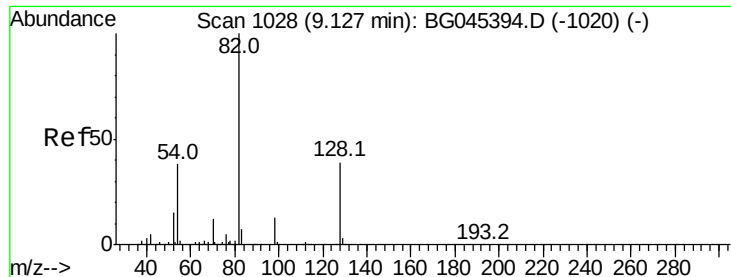
Tot Ion:	136	Resp:	331056
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.4	14.2
54	6.5	5.8	8.6
68	5.2	4.5	6.7



#22
Acetophenone
Concen: 40.841 ng
RT: 8.78 min Scan# 969
Delta R.T. 0.00 min
Lab File: BG045438.D
Acq: 21 May 2020 12:44

Tgt Ion:	105	Resp:	320456
Ion	Ratio	Lower	Upper
105	100		
71	3.9	3.4	5.0
51	28.0	18.2	27.2
120	20.5	18.6	27.8

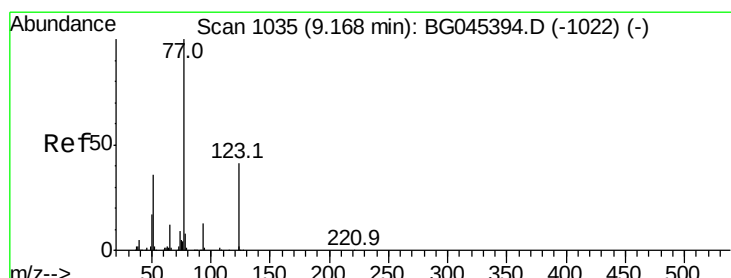
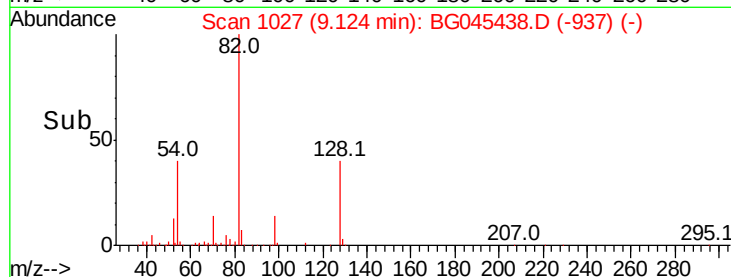
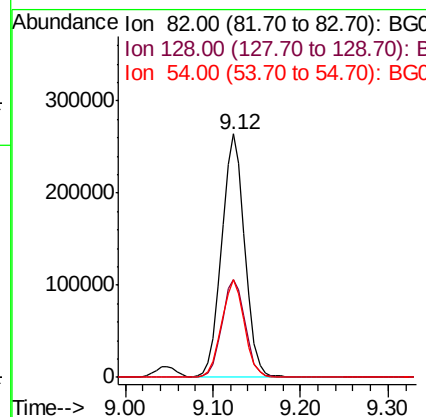
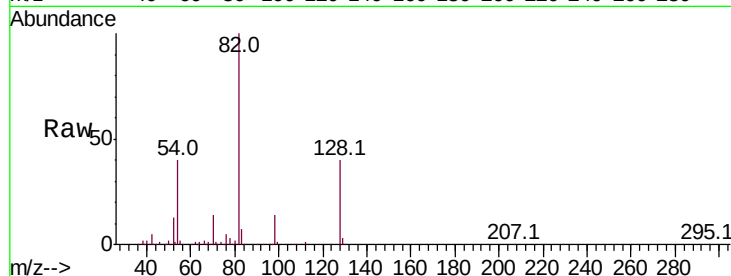




#23
 Nitrobenzene-d5
 Concen: 79.170 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BG045438.D
 Acq: 21 May 2020 12:44

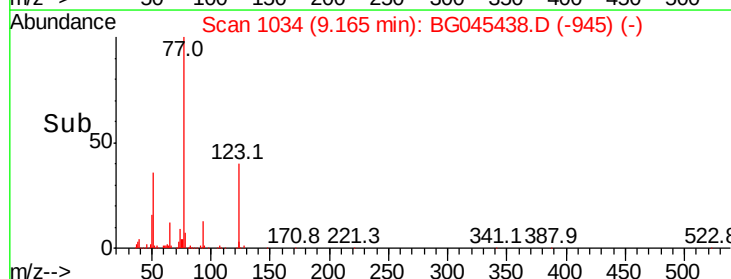
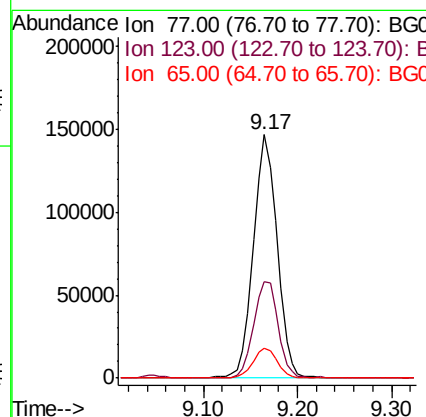
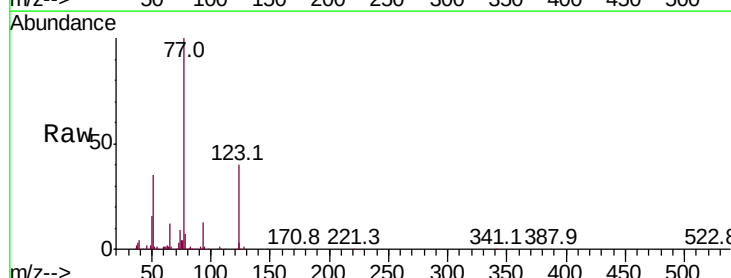
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

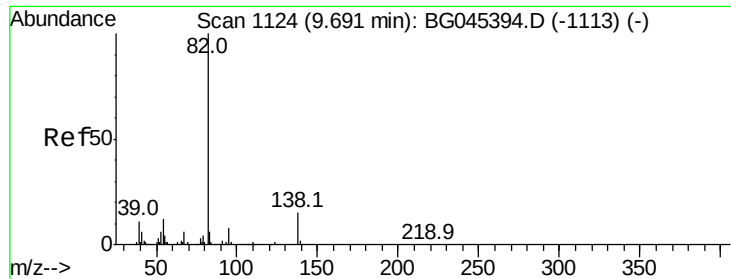
Tot Ion	Ratio	Lower	Upper
82	100		
128	40.2	30.9	46.3
54	40.3	30.3	45.5



#24
 Nitrobenzene
 Concen: 39.710 ng
 RT: 9.17 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BG045438.D
 Acq: 21 May 2020 12:44

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.6	32.9	49.3
65	12.1	9.4	14.2





#25

Isophorone

Concen: 41.113 ng

RT: 9.69 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BG045438.D

Acq: 21 May 2020 12:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

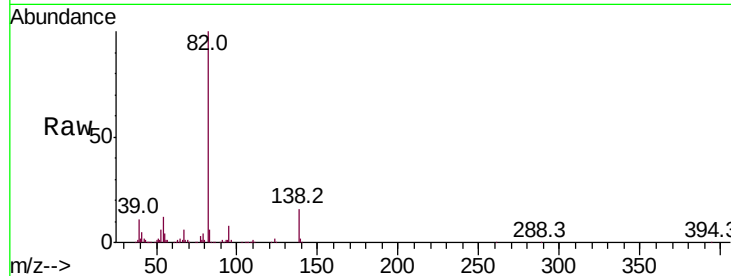
Tot Ion: 82 Resp: 491543

Ion Ratio Lower Upper

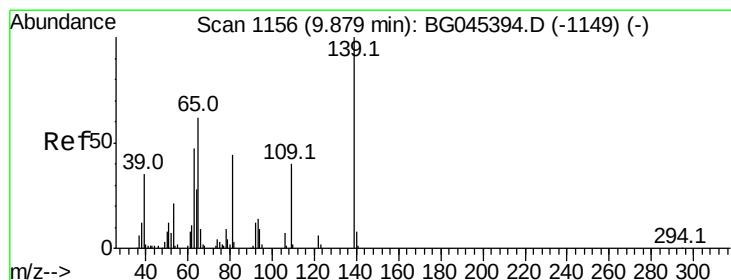
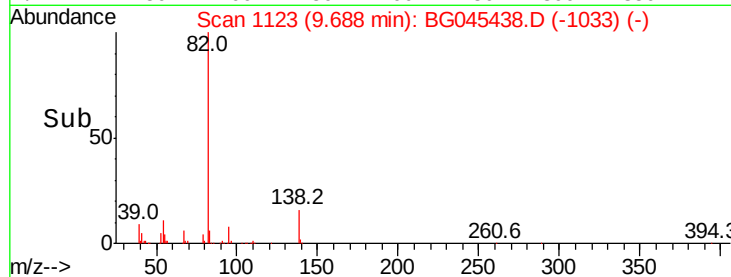
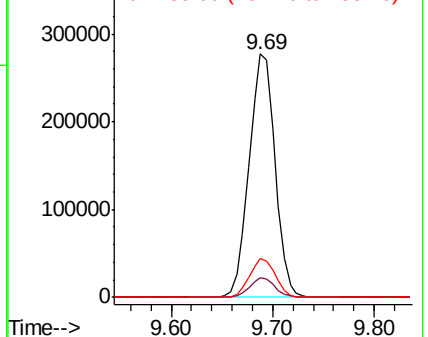
82 100

95 8.3 6.7 10.1

138 15.8 12.2 18.4



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



#26

2-Nitrophenol

Concen: 40.669 ng

RT: 9.88 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BG045438.D

Acq: 21 May 2020 12:44

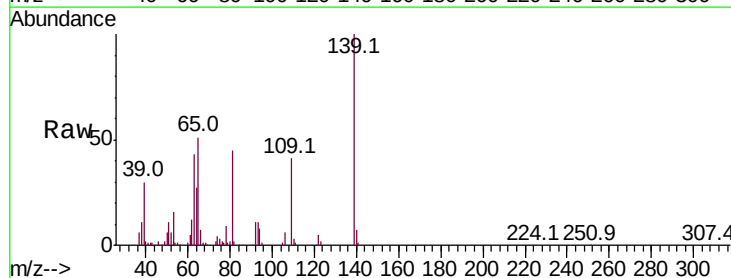
Tgt Ion: 139 Resp: 113160

Ion Ratio Lower Upper

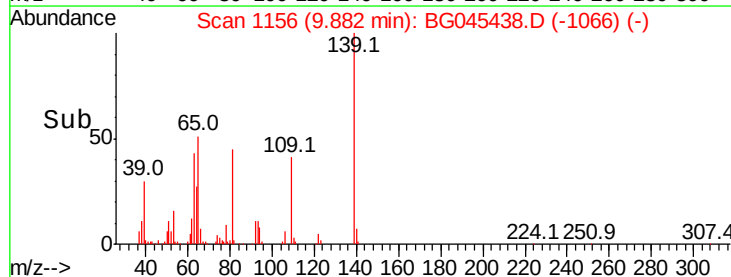
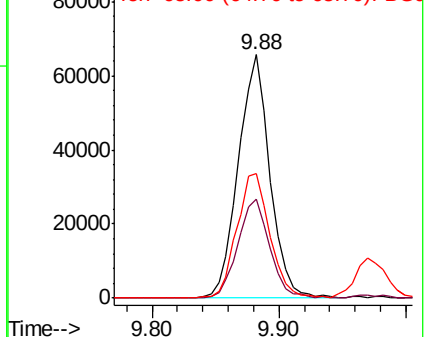
139 100

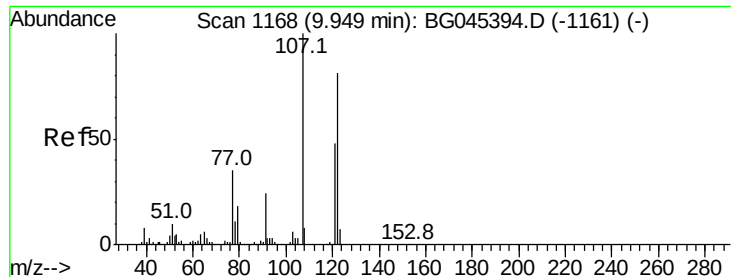
109 40.5 32.2 48.4

65 51.0 49.6 74.4



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

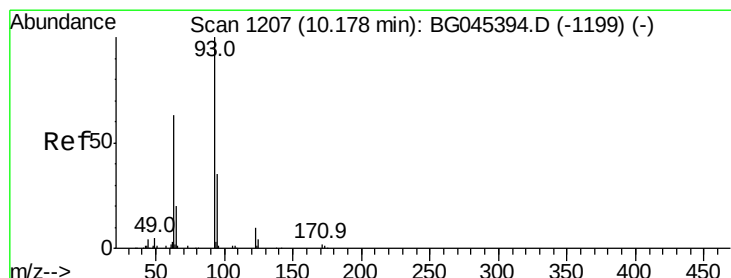
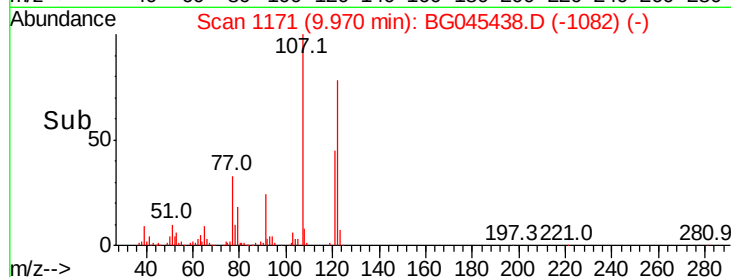
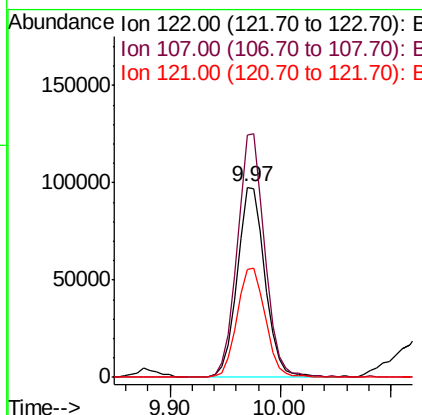
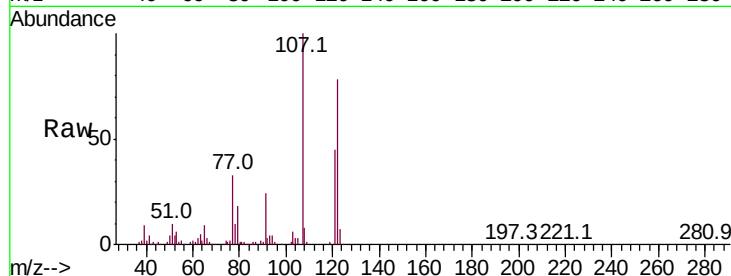




#27
2,4-Dimethylphenol
Concen: 42.106 ng
RT: 9.97 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BG045438.D
Acq: 21 May 2020 12:44

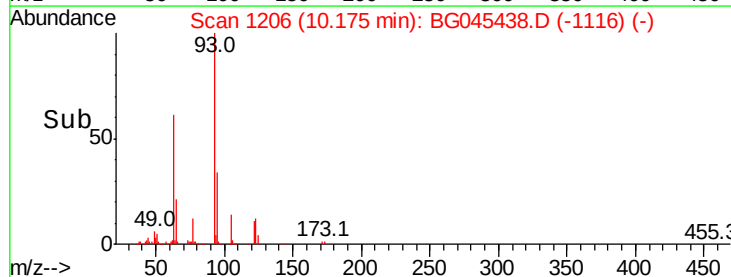
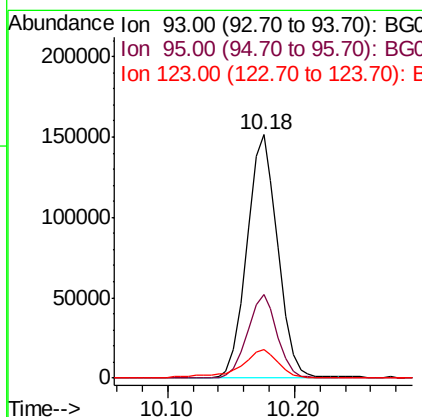
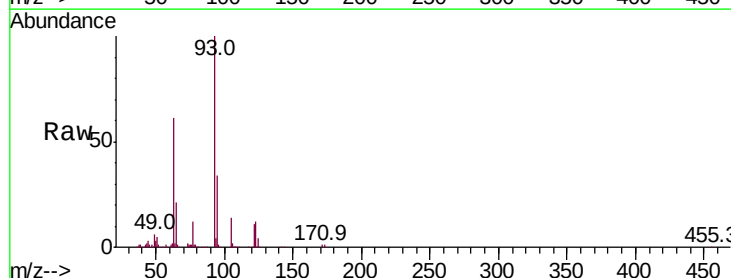
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

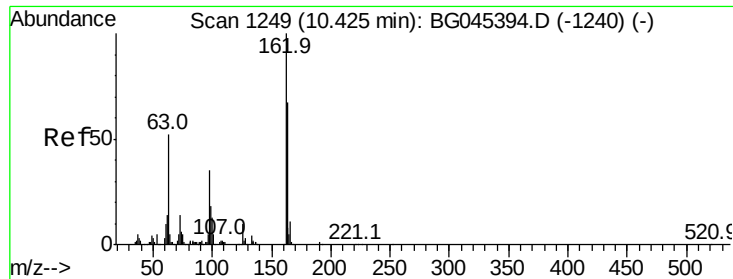
Tot Ion:122 Resp: 173763
Ion Ratio Lower Upper
122 100
107 127.8 99.0 148.4
121 56.9 47.7 71.5



#28
bis(2-Chloroethoxy)methane
Concen: 40.435 ng
RT: 10.18 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BG045438.D
Acq: 21 May 2020 12:44

Tgt Ion: 93 Resp: 253532
Ion Ratio Lower Upper
93 100
95 34.1 27.6 41.4
123 11.8 8.1 12.1

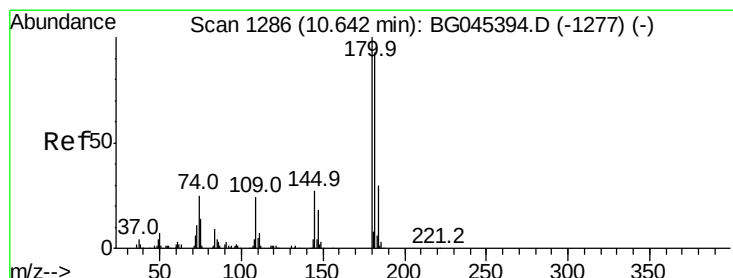
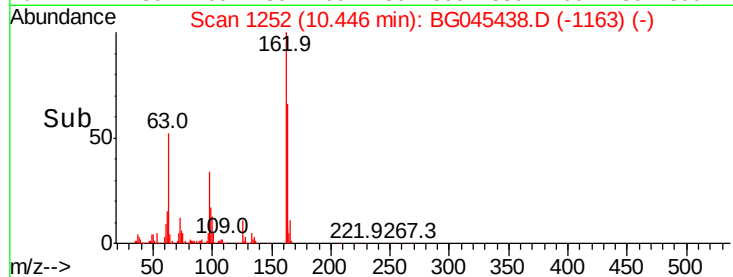
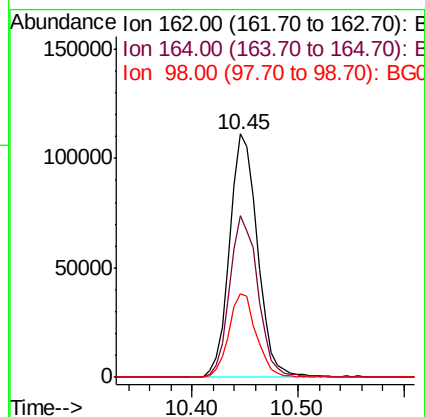
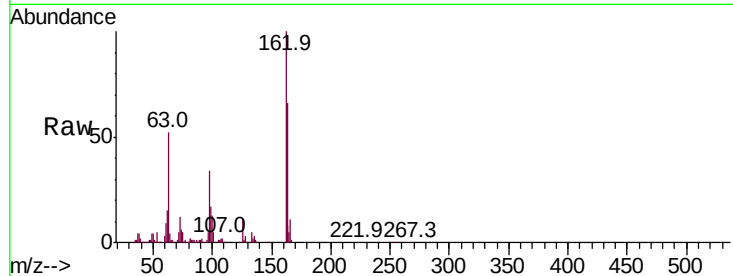




#29
 2,4-Dichlorophenol
 Concen: 41.652 ng
 RT: 10.45 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: BG045438.D
 Acq: 21 May 2020 12:44

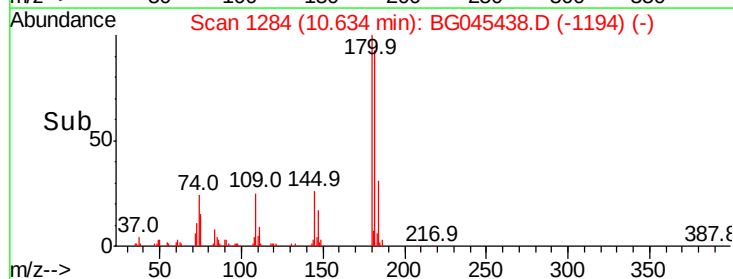
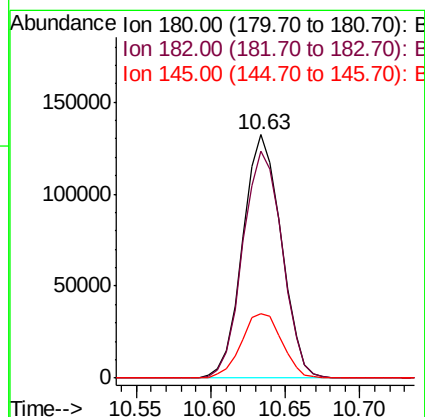
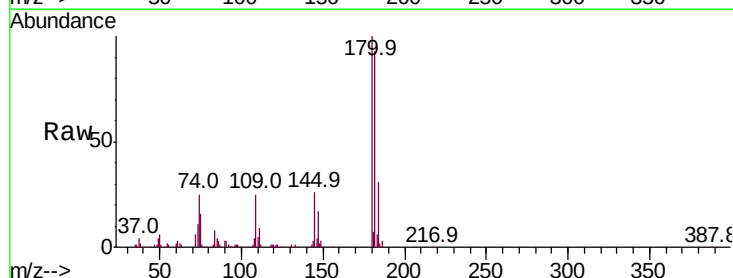
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

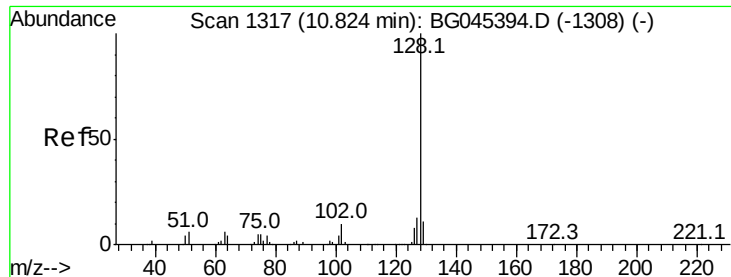
Tot Ion:	162	Resp:	202979
Ion	Ratio	Lower	Upper
162	100		
164	66.2	46.8	86.8
98	34.4	15.2	55.2



#30
 1,2,4-Trichlorobenzene
 Concen: 41.010 ng
 RT: 10.63 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: BG045438.D
 Acq: 21 May 2020 12:44

Tgt Ion:	180	Resp:	236153
Ion	Ratio	Lower	Upper
180	100		
182	93.0	74.8	112.2
145	26.4	21.9	32.9

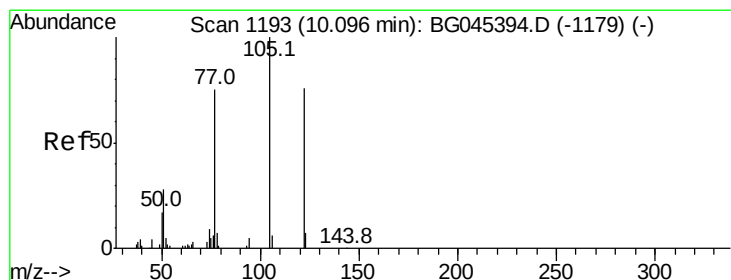
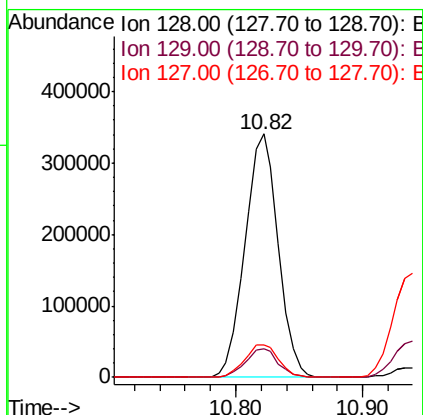
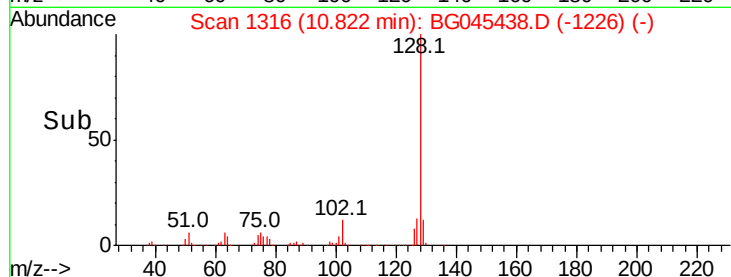
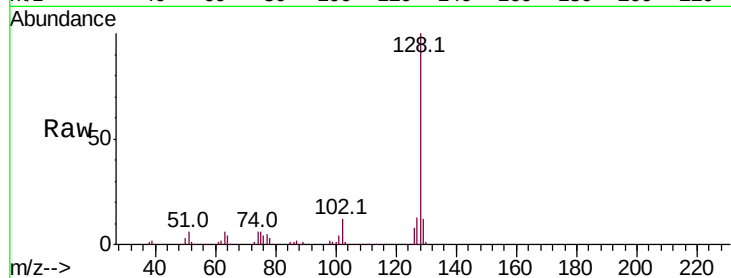




#31
Naphthalene
Concen: 40.064 ng
RT: 10.82 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BG045438.D
Acq: 21 May 2020 12:44

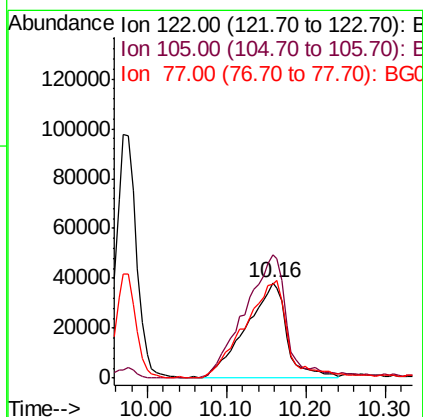
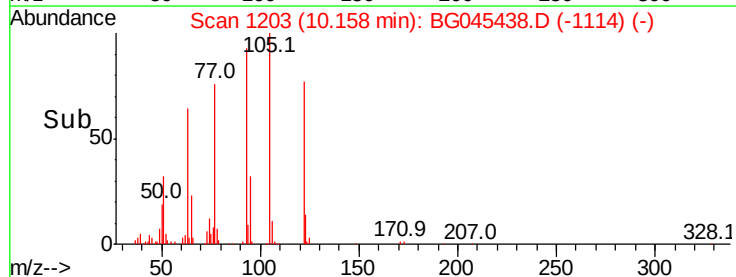
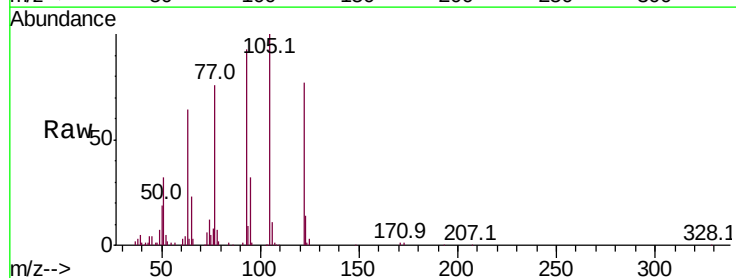
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

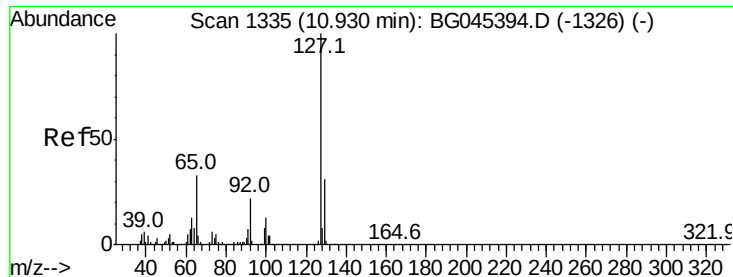
Tot Ion:128 Resp: 618068
Ion Ratio Lower Upper
128 100
129 12.0 9.0 13.6
127 13.2 10.7 16.1



#32
Benzoic acid
Concen: 48.756 ng
RT: 10.16 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BG045438.D
Acq: 21 May 2020 12:44

Tgt Ion:122 Resp: 137406
Ion Ratio Lower Upper
122 100
105 129.7 107.9 147.9
77 98.2 78.9 118.9

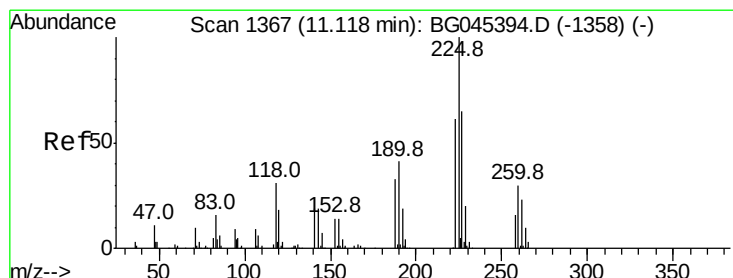
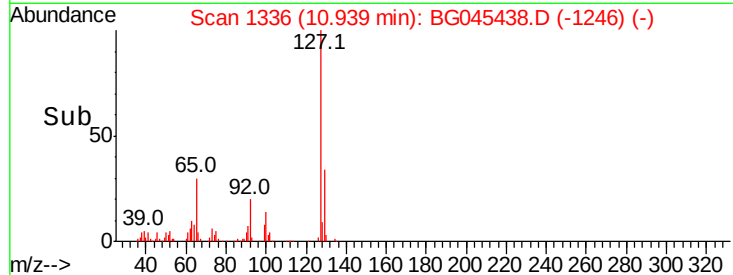
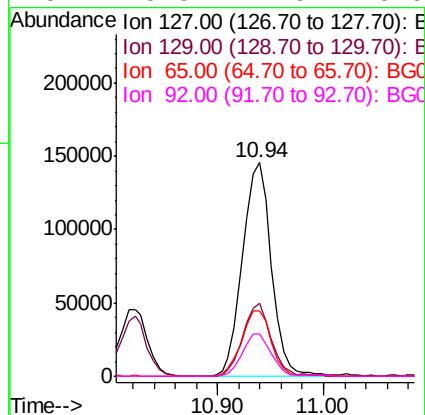
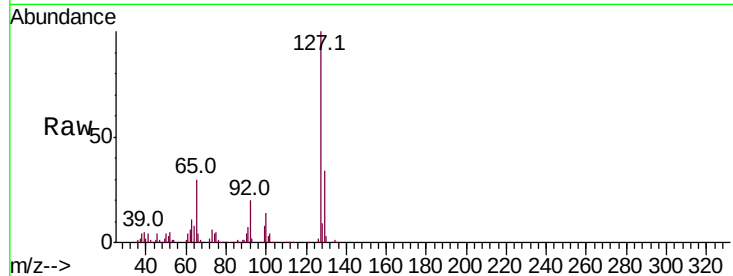




#33
4-Chloroaniline
Concen: 43.036 ng
RT: 10.94 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BG045438.D
Acq: 21 May 2020 12:44

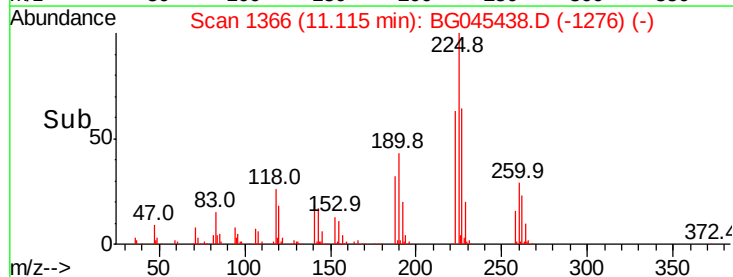
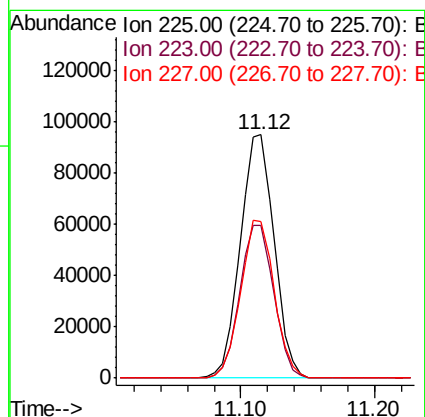
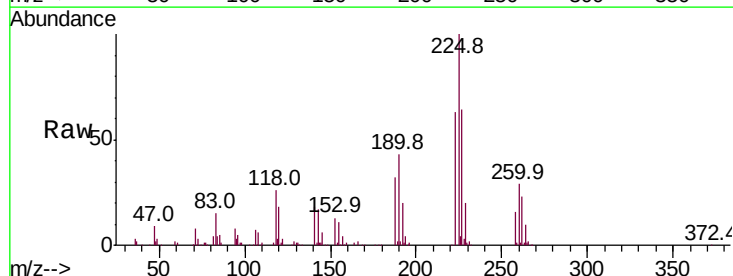
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

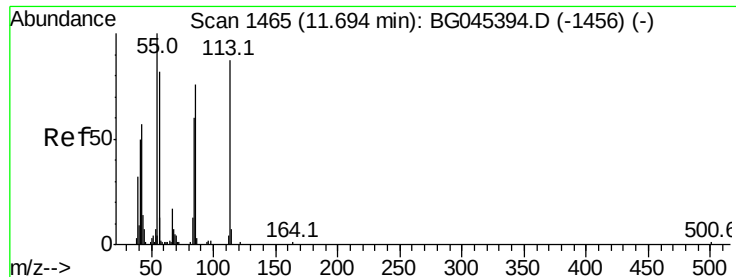
Tot Ion:	127	Resp:	277521
Ion	Ratio	Lower	Upper
127	100		
129	34.4	24.7	37.1
65	30.3	26.2	39.2
92	19.9	17.9	26.9



#34
Hexachlorobutadiene
Concen: 40.813 ng
RT: 11.12 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BG045438.D
Acq: 21 May 2020 12:44

Tgt Ion:	225	Resp:	166128
Ion	Ratio	Lower	Upper
225	100		
223	62.8	49.1	73.7
227	64.2	52.0	78.0





#35

Caprolactam

Concen: 42.215 ng

RT: 11.71 min Scan# 1467

Delta R.T. 0.00 min

Lab File: BG045438.D

Acq: 21 May 2020 12:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

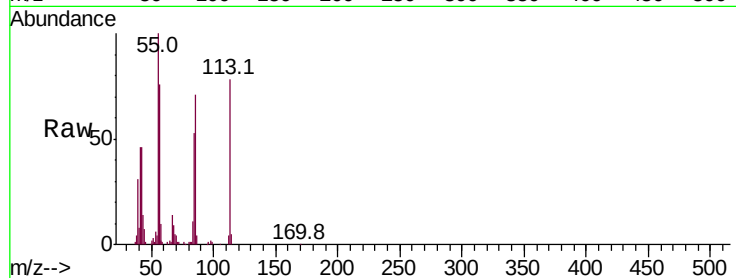
Tot Ion:113 Resp: 75511

Ion Ratio Lower Upper

113 100

55 127.6 96.0 136.0

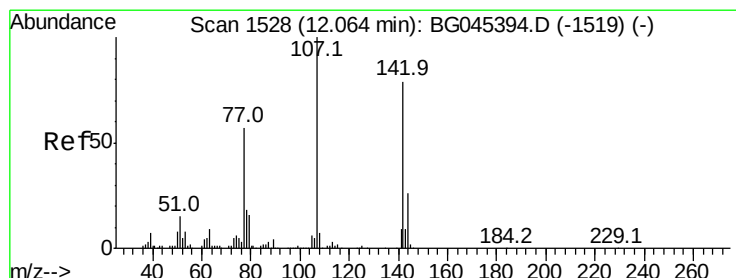
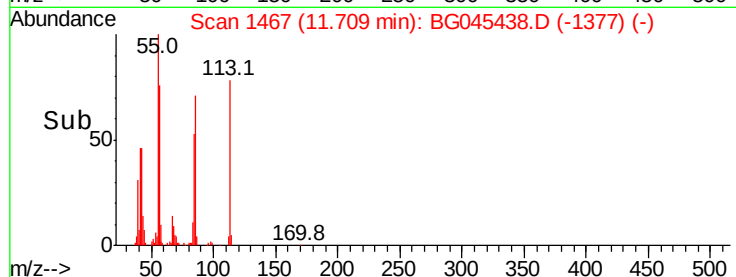
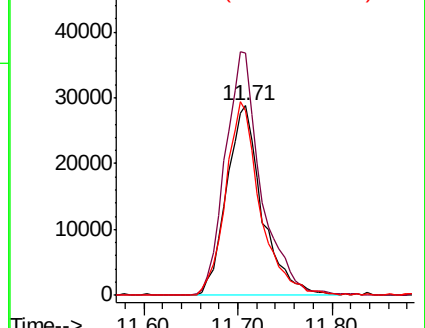
56 97.4 75.1 115.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 42.553 ng

RT: 12.10 min Scan# 1534

Delta R.T. -0.00 min

Lab File: BG045438.D

Acq: 21 May 2020 12:44

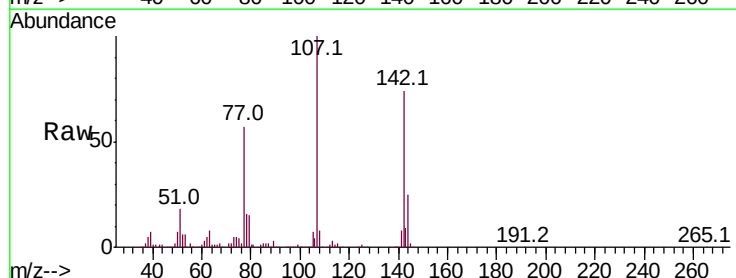
Tgt Ion:107 Resp: 233674

Ion Ratio Lower Upper

107 100

144 24.9 20.8 31.2

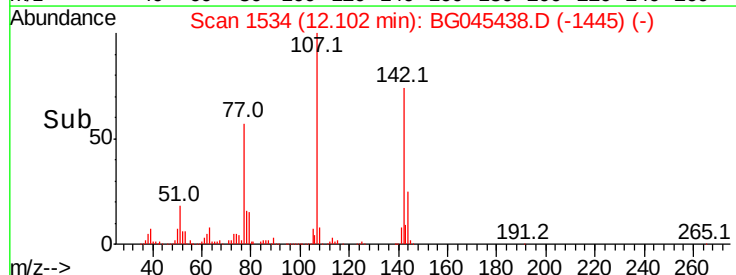
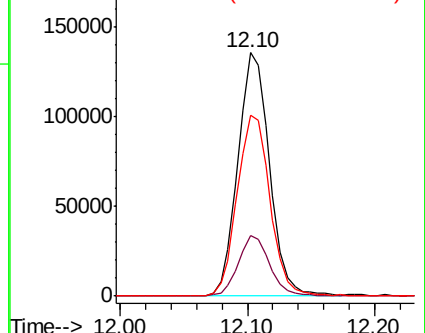
142 74.3 62.8 94.2

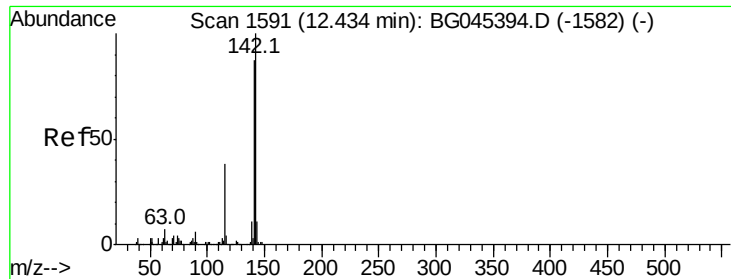


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.981 ng

RT: 12.43 min Scan# 1590

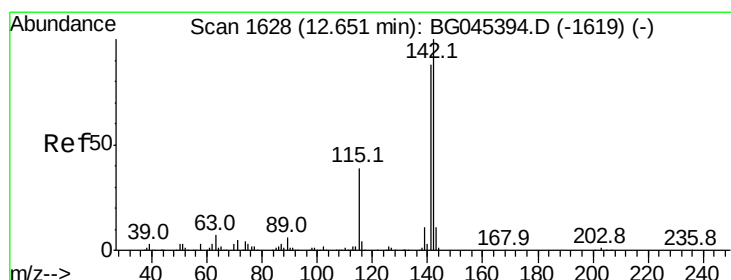
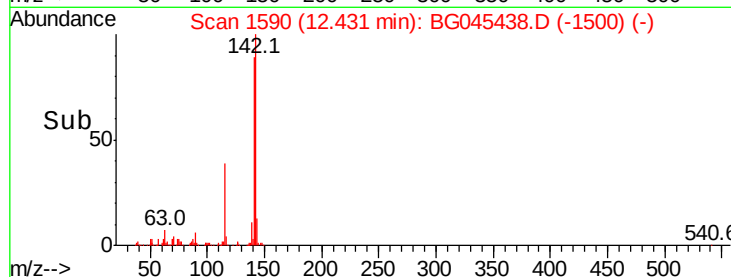
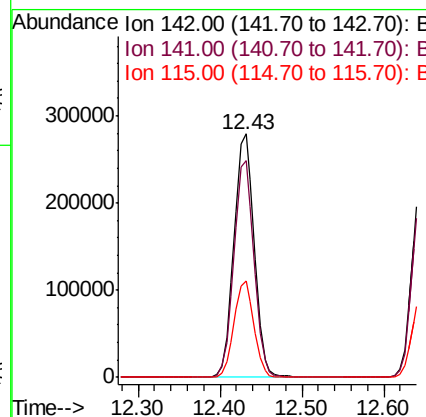
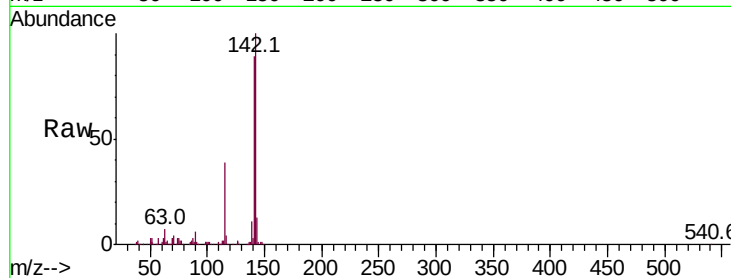
Delta R.T. 0.00 min

Lab File: BG045438.D

Acq: 21 May 2020 12:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.0	105.0
115	39.5	30.8	46.2



#38

1-Methylnaphthalene

Concen: 41.519 ng

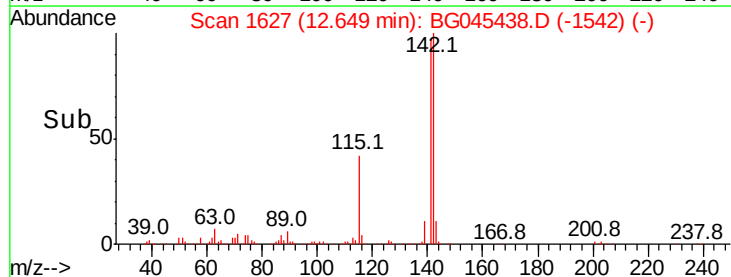
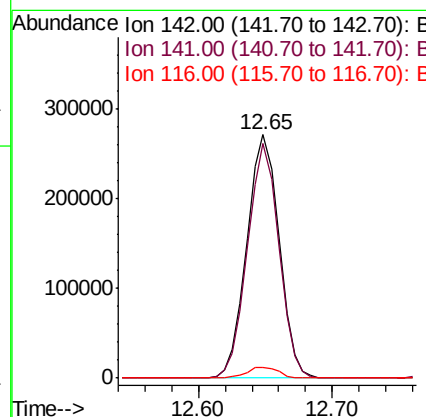
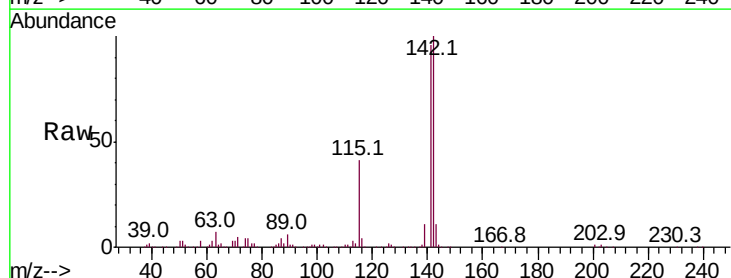
RT: 12.65 min Scan# 1627

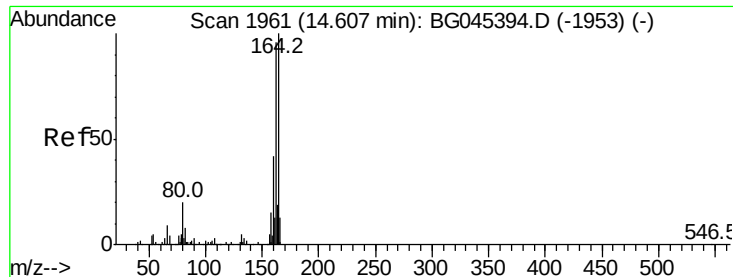
Delta R.T. 0.00 min

Lab File: BG045438.D

Acq: 21 May 2020 12:44

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.5	70.8	106.2
116	4.5	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.61 min Scan# 1961

Delta R.T. 0.01 min

Lab File: BG045438.D

Acq: 21 May 2020 12:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

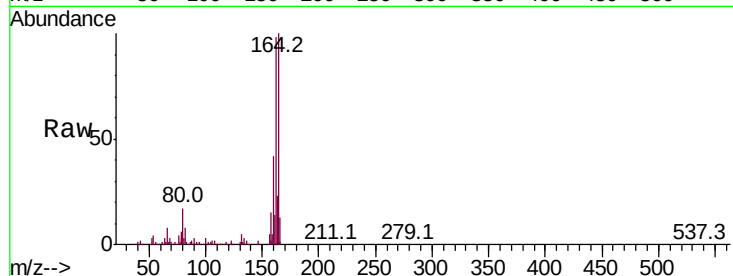
Tot Ion:164 Resp: 249718

Ion Ratio Lower Upper

164 100

162 97.7 76.9 115.3

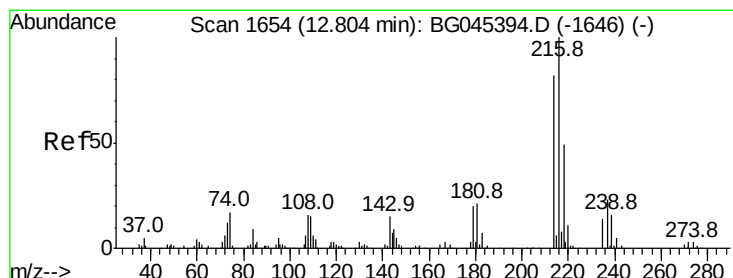
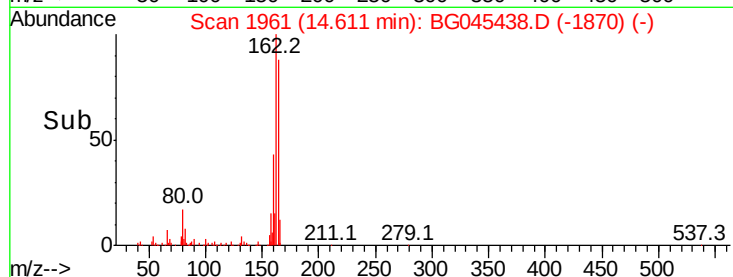
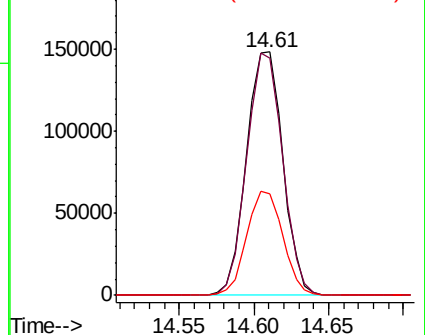
160 42.0 33.8 50.8



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: 38.718 ng

RT: 12.80 min Scan# 1653

Delta R.T. 0.00 min

Lab File: BG045438.D

Acq: 21 May 2020 12:44

Tgt Ion:216 Resp: 270061

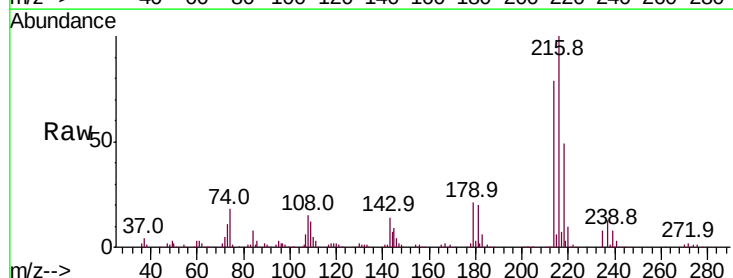
Ion Ratio Lower Upper

216 100

214 79.3 63.7 95.5

179 20.7 16.1 24.1

108 17.5 13.8 20.6

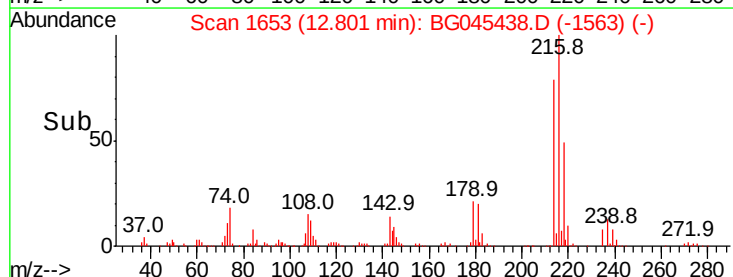
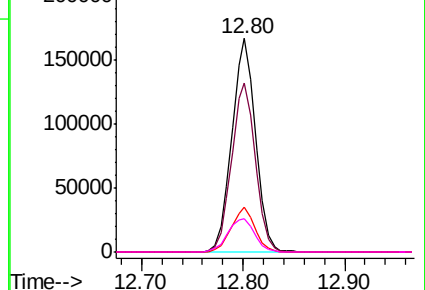


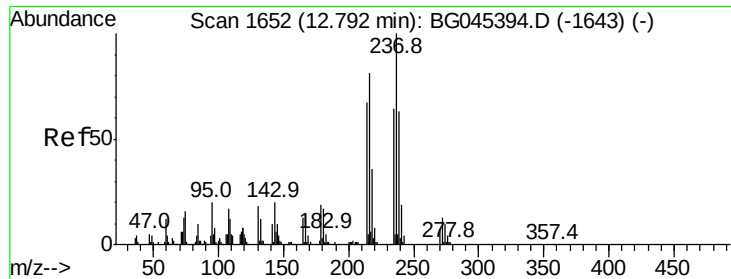
Abundance Ion 216.00 (215.70 to 216.70): E

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: 38.569 ng

RT: 12.78 min Scan# 1650

Delta R.T. 0.00 min

Lab File: BG045438.D

Acq: 21 May 2020 12:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

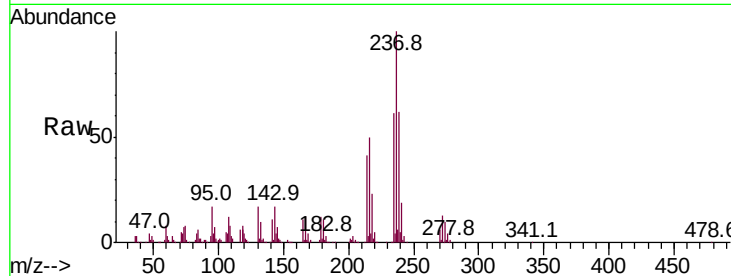
Tot Ion:237 Resp: 155275

Ion Ratio Lower Upper

237 100

235 60.8 44.4 84.4

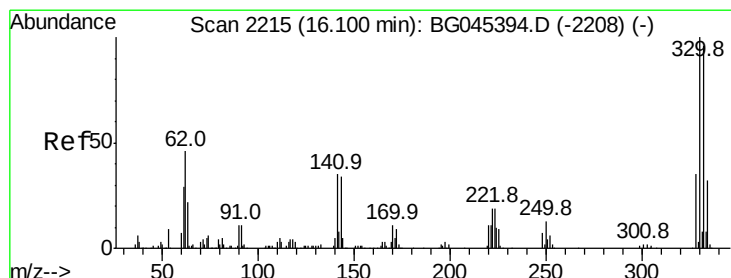
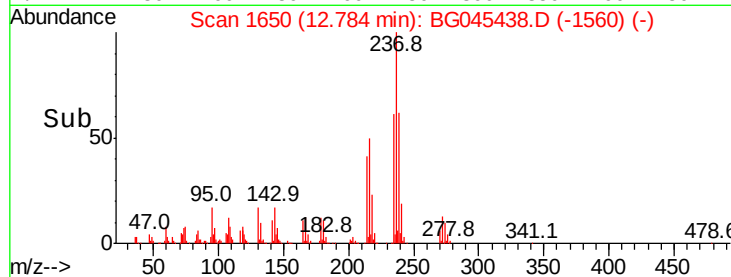
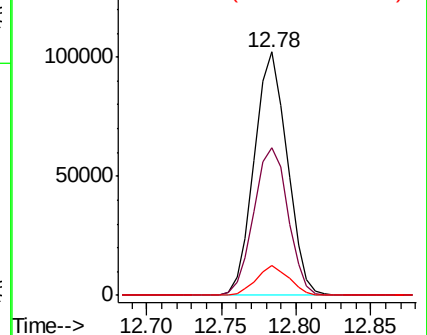
272 12.5 0.0 32.5



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: 78.692 ng

RT: 16.10 min Scan# 2215

Delta R.T. 0.00 min

Lab File: BG045438.D

Acq: 21 May 2020 12:44

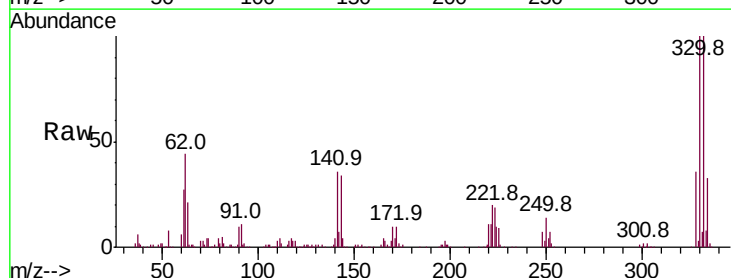
Tgt Ion:330 Resp: 251312

Ion Ratio Lower Upper

330 100

332 97.4 78.2 117.4

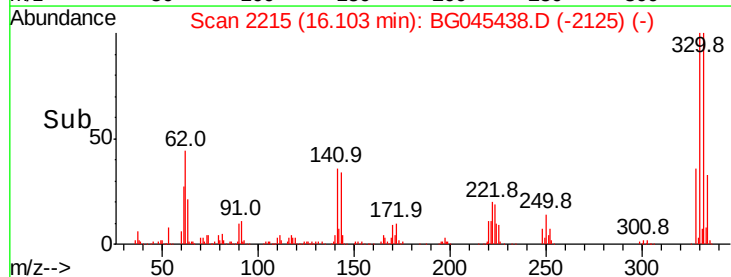
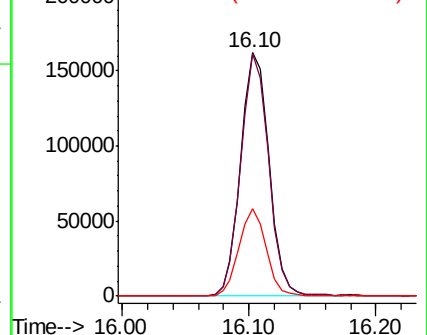
141 34.4 28.2 42.4

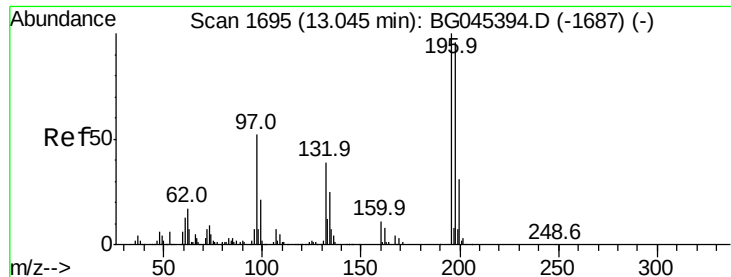


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

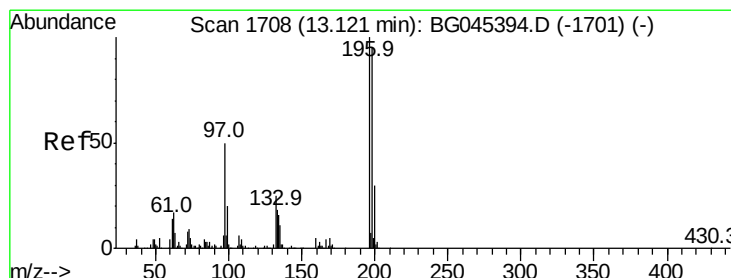
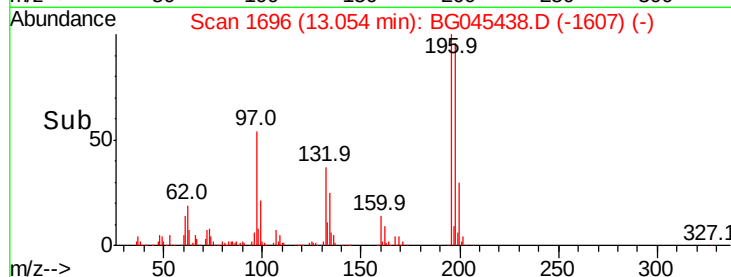
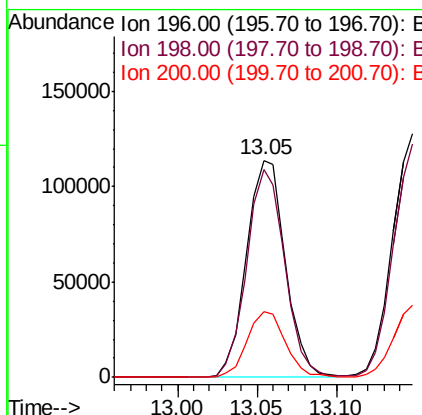
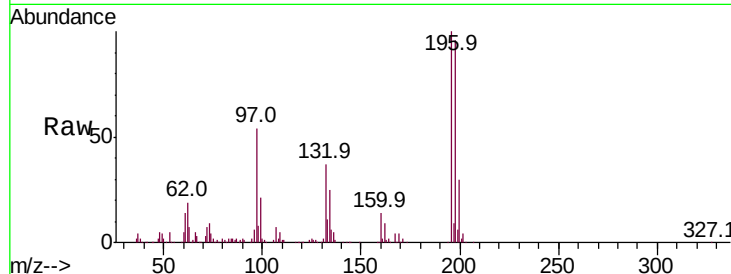




#43
 2,4,6-Trichlorophenol
 Concen: 39.985 ng
 RT: 13.05 min Scan# 1696
 Delta R.T. -0.00 min
 Lab File: BG045438.D
 Acq: 21 May 2020 12:44

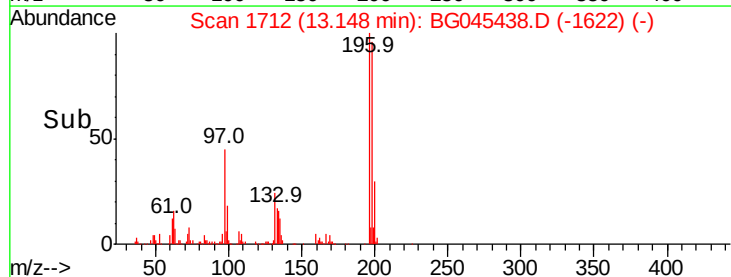
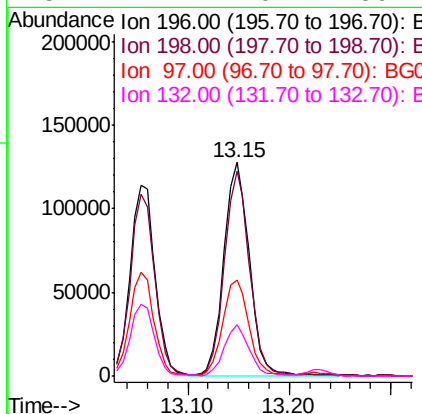
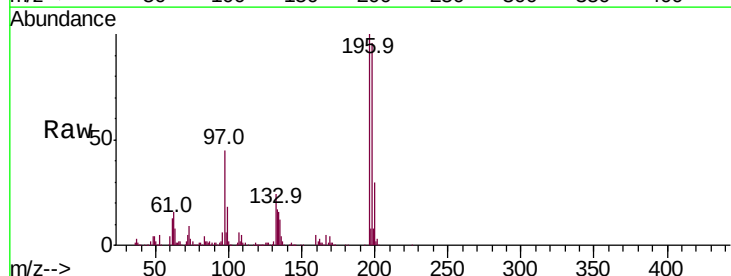
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

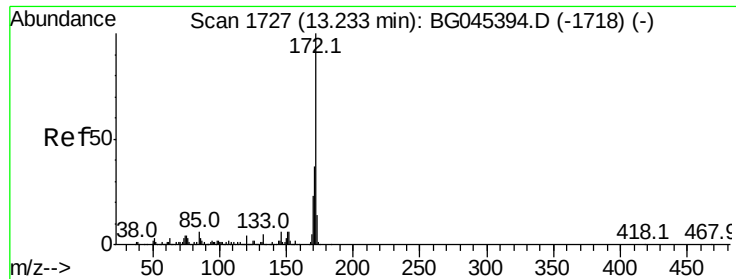
Tot Ion:196 Resp: 193739
 Ion Ratio Lower Upper
 196 100
 198 95.7 76.7 115.1
 200 30.2 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 40.200 ng
 RT: 13.15 min Scan# 1712
 Delta R.T. 0.00 min
 Lab File: BG045438.D
 Acq: 21 May 2020 12:44

Tgt Ion:196 Resp: 222585
 Ion Ratio Lower Upper
 196 100
 198 95.8 76.1 114.1
 97 44.8 40.0 60.0
 132 24.2 20.2 30.2



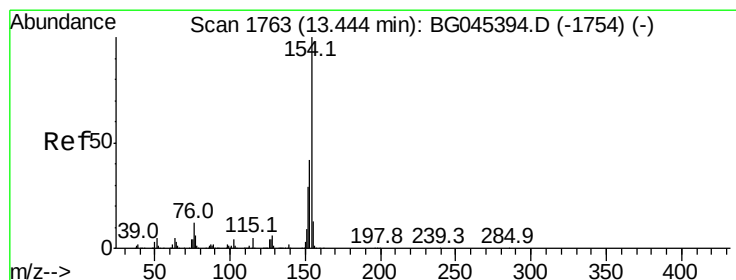
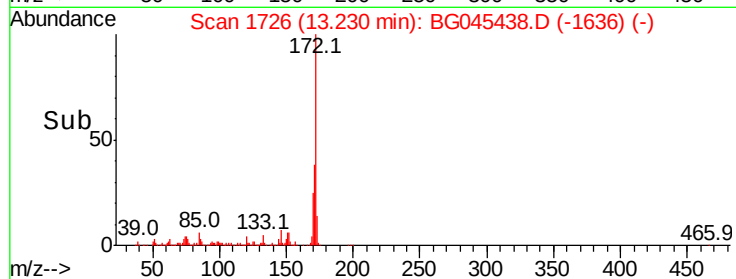
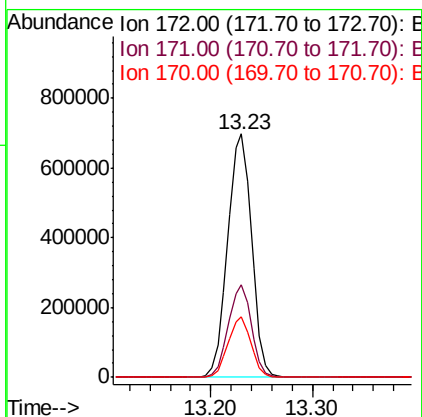
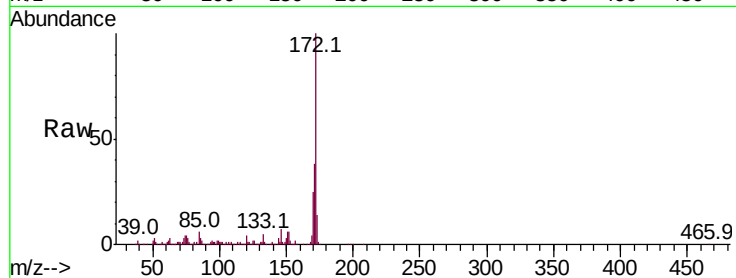


#45
 2-Fluorobiphenyl
 Concen: 77.680 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. 0.00 min
 Lab File: BG045438.D
 Acq: 21 May 2020 12:44

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:172 Resp: 1143616

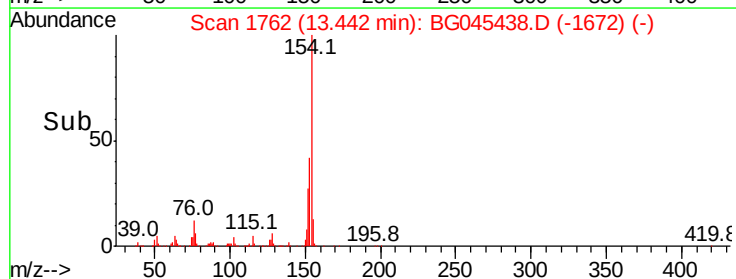
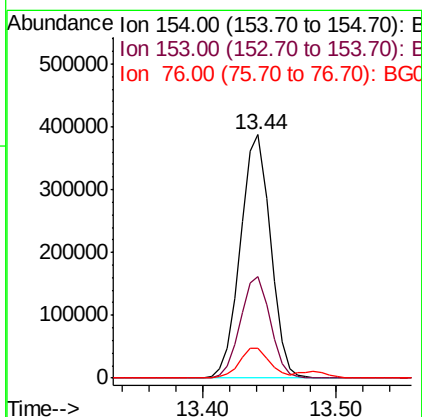
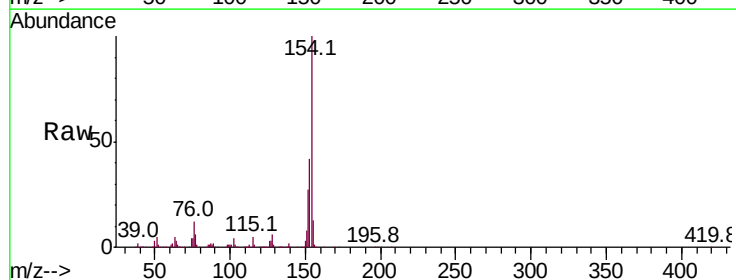
Ion	Ratio	Lower	Upper
172	100		
171	38.0	29.5	44.3
170	24.9	18.5	27.7

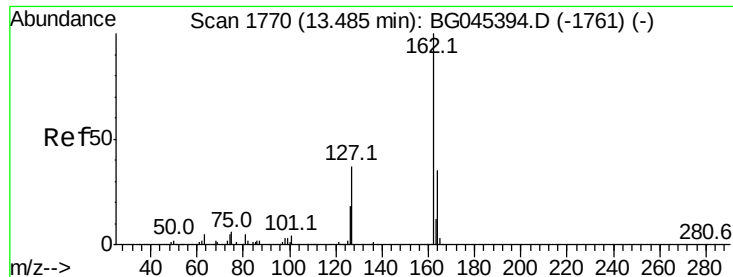


#46
 1,1'-Biphenyl
 Concen: 39.292 ng
 RT: 13.44 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: BG045438.D
 Acq: 21 May 2020 12:44

Tgt Ion:154 Resp: 602895

Ion	Ratio	Lower	Upper
154	100		
153	41.7	22.2	62.2
76	12.0	0.0	32.4





#47

2-Chloronaphthalene

Concen: 39.358 ng

RT: 13.48 min Scan# 1769

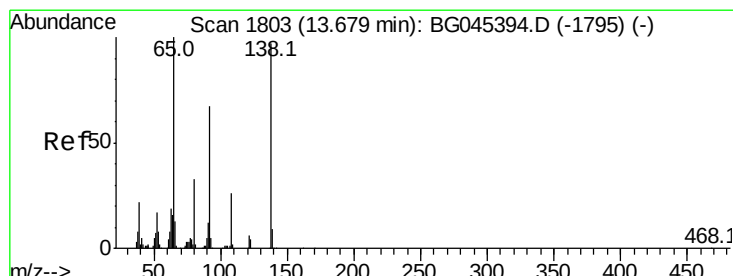
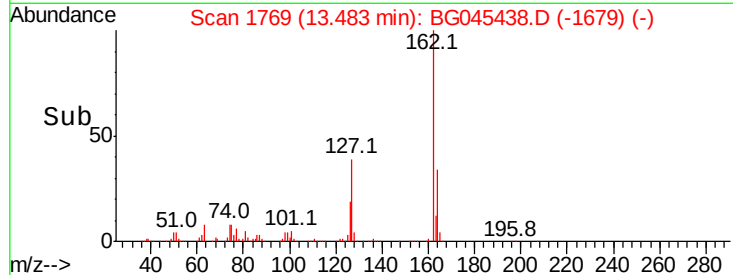
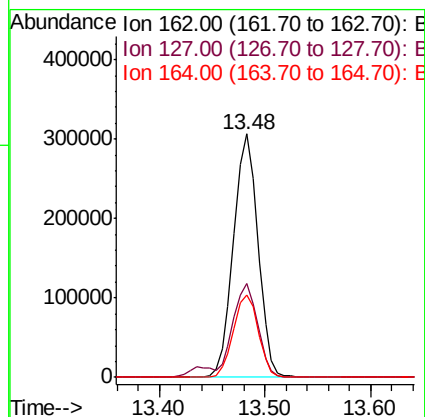
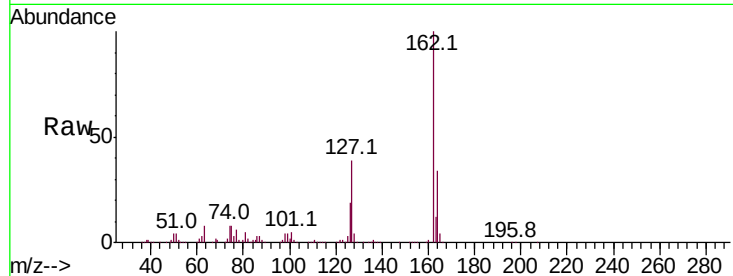
Delta R.T. 0.00 min

Lab File: BG045438.D

Acq: 21 May 2020 12:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.7	31.6	47.4
164	33.9	28.1	42.1



#48

2-Nitroaniline

Concen: 39.597 ng

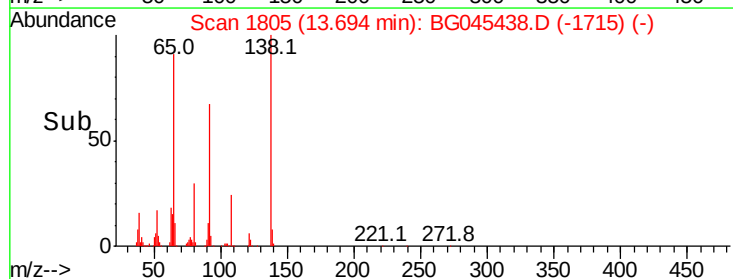
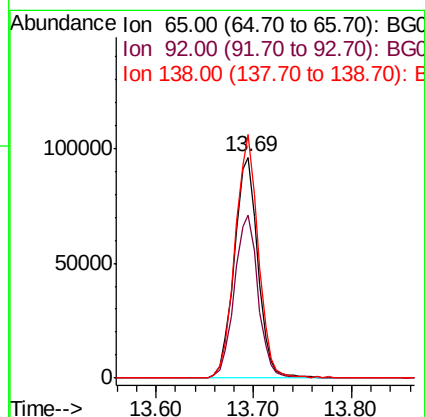
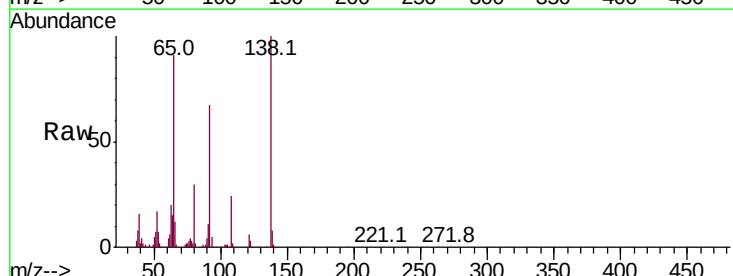
RT: 13.69 min Scan# 1805

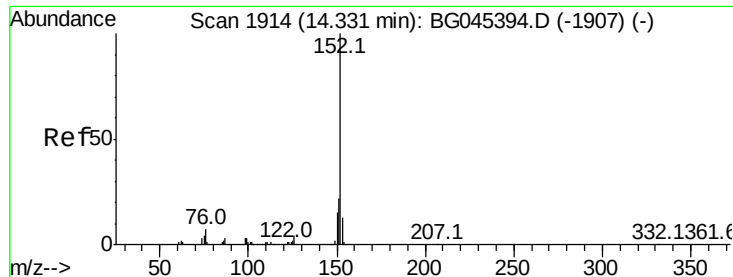
Delta R.T. 0.00 min

Lab File: BG045438.D

Acq: 21 May 2020 12:44

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.0	53.8	80.8
138	110.3	77.9	116.9





#49

Acenaphthylene

Concen: 39.957 ng

RT: 14.33 min Scan# 1913

Delta R.T. 0.00 min

Lab File: BG045438.D

Acq: 21 May 2020 12:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

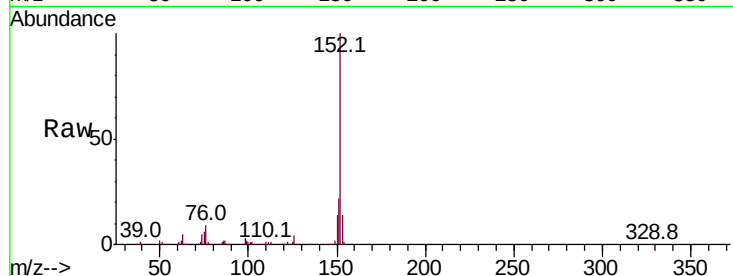
Tot Ion:152 Resp: 799690

Ion Ratio Lower Upper

152 100

151 21.8 17.4 26.2

153 14.1 10.7 16.1

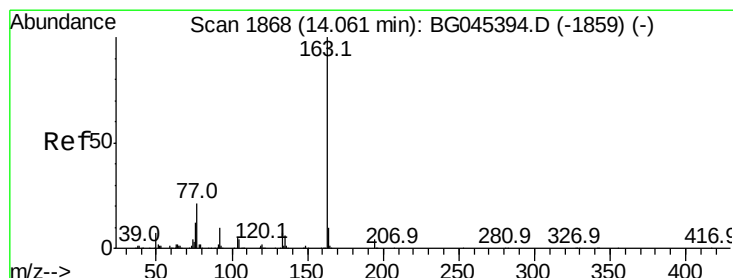
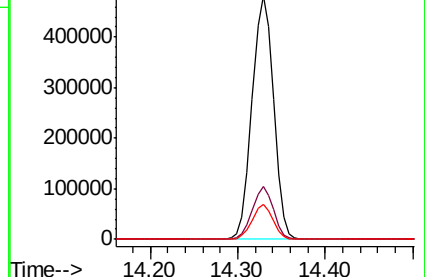
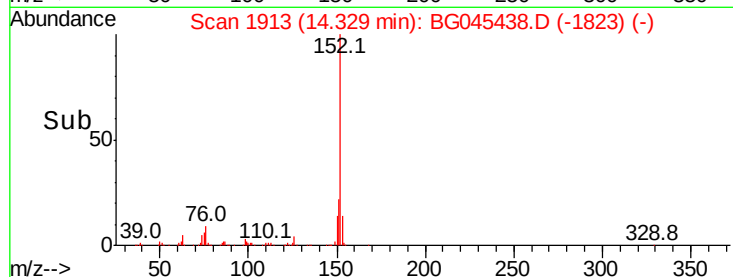


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

14.33



#50

Dimethylphthalate

Concen: 39.722 ng

RT: 14.06 min Scan# 1868

Delta R.T. 0.00 min

Lab File: BG045438.D

Acq: 21 May 2020 12:44

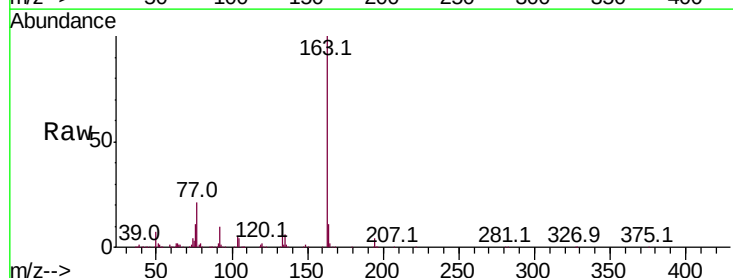
Tgt Ion:163 Resp: 680453

Ion Ratio Lower Upper

163 100

194 4.3 3.2 4.8

164 11.2 8.3 12.5

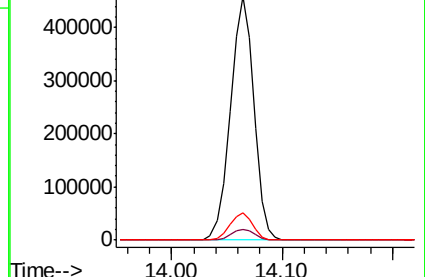
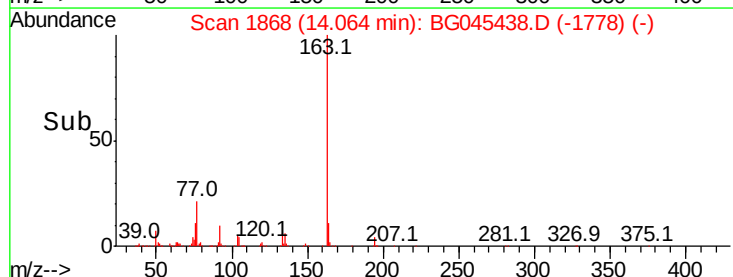


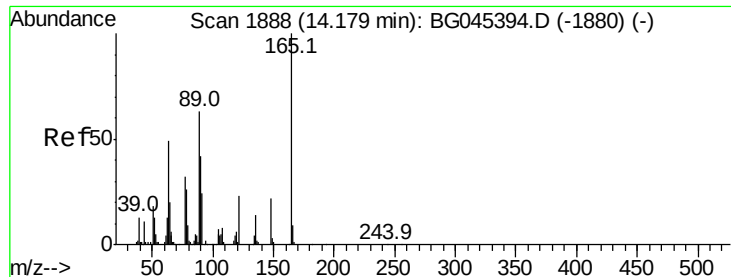
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

14.06

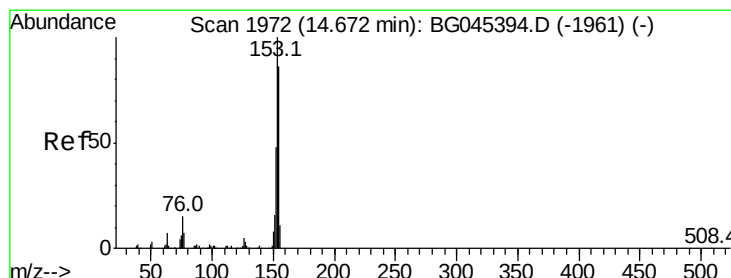
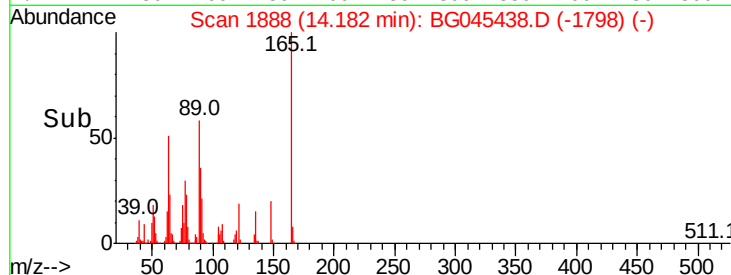
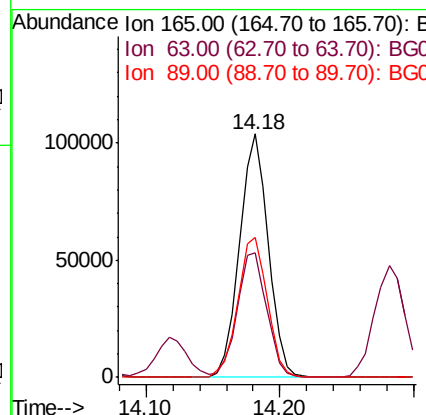
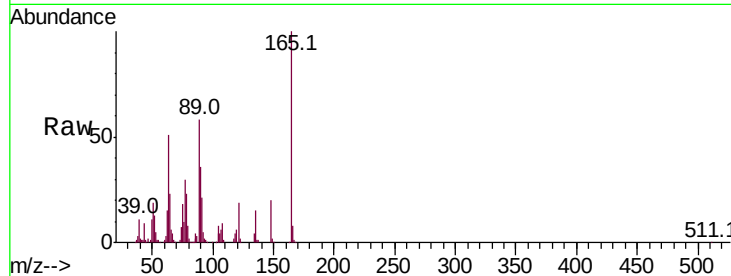




#51
 2,6-Dinitrotoluene
 Concen: 39.963 ng
 RT: 14.18 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: BG045438.D
 Acq: 21 May 2020 12:44

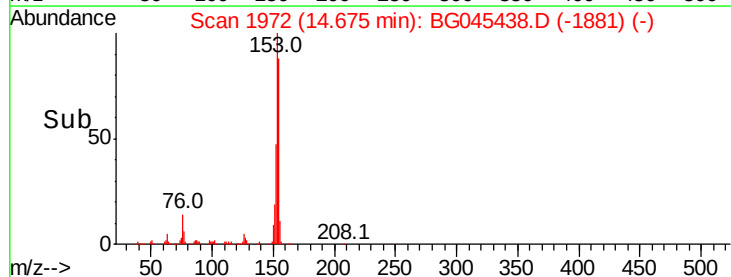
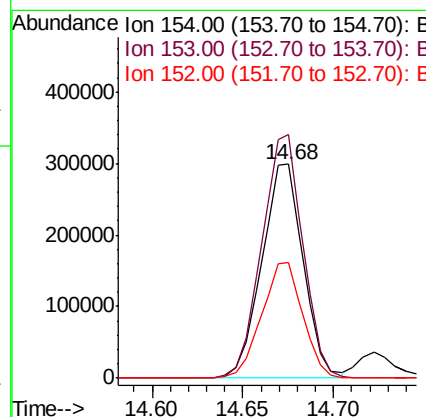
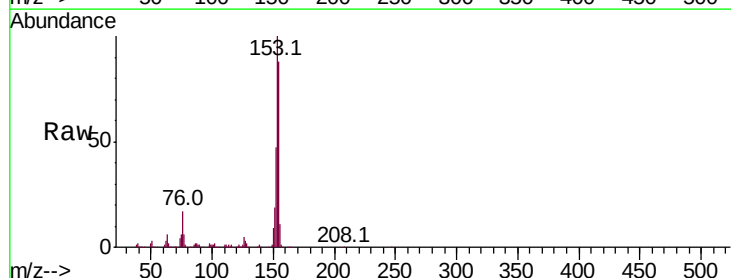
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

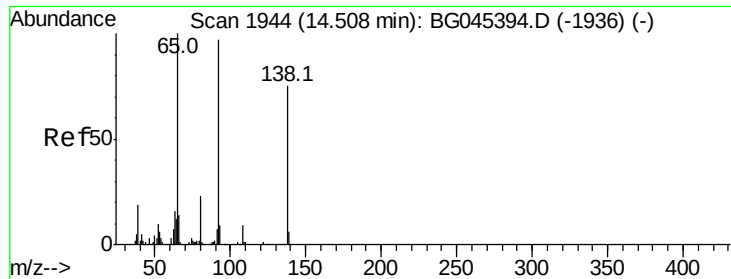
Tot Ion:165 Resp: 154476
 Ion Ratio Lower Upper
 165 100
 63 51.4 45.0 67.4
 89 57.6 50.2 75.4



#52
 Acenaphthene
 Concen: 35.694 ng
 RT: 14.68 min Scan# 1972
 Delta R.T. 0.01 min
 Lab File: BG045438.D
 Acq: 21 May 2020 12:44

Tgt Ion:154 Resp: 478182
 Ion Ratio Lower Upper
 154 100
 153 113.8 92.8 139.2
 152 54.0 44.6 66.8

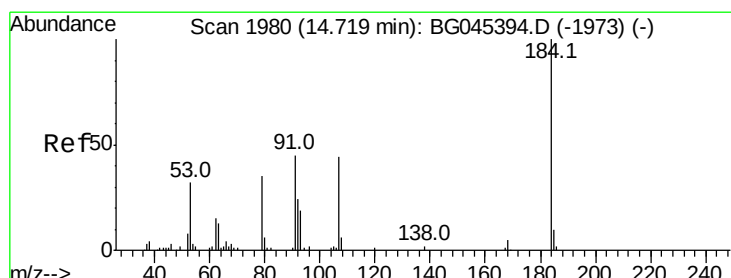
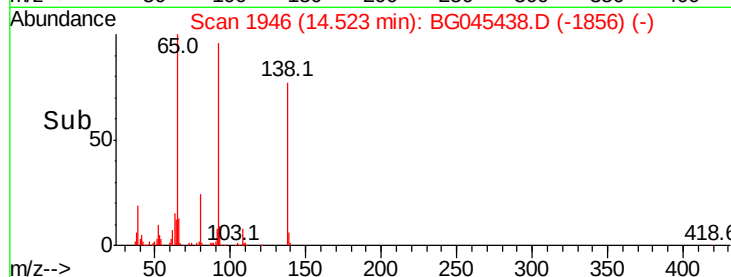
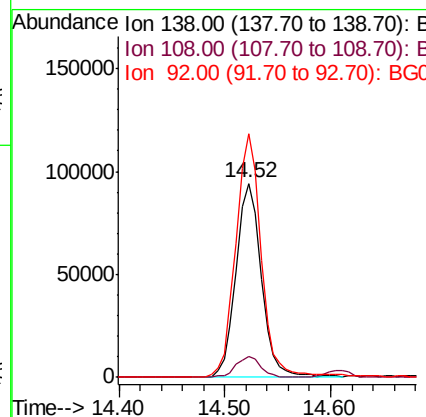
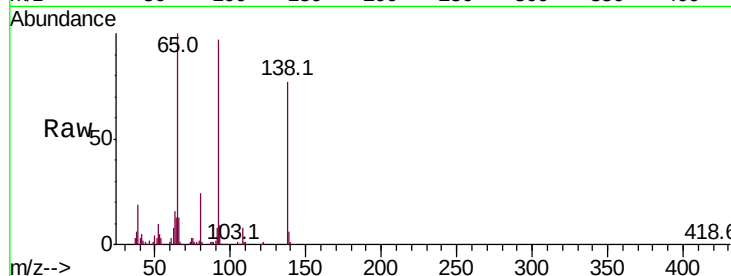




#53
3-Nitroaniline
Concen: 39.811 ng
RT: 14.52 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BG045438.D
Acq: 21 May 2020 12:44

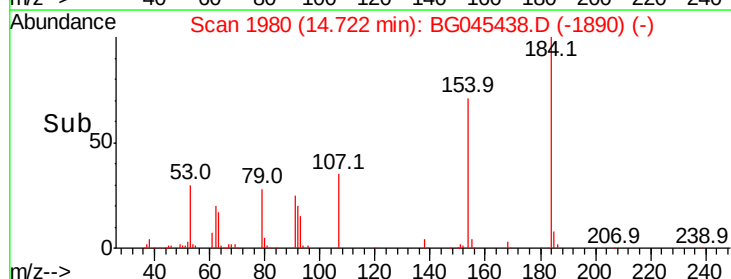
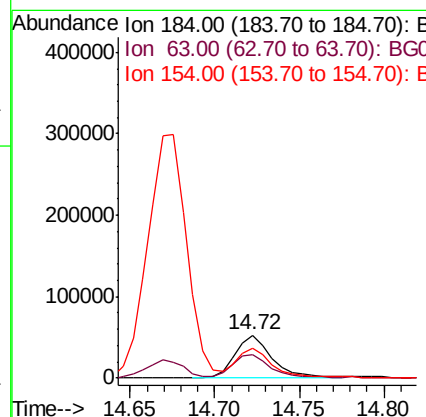
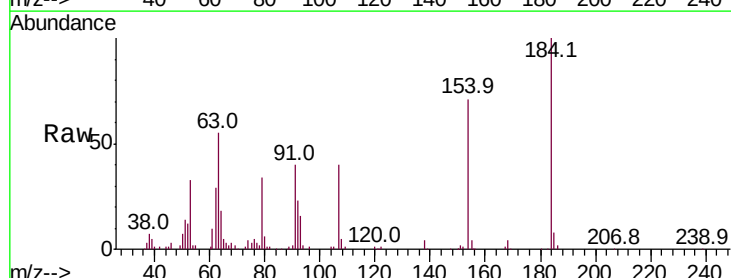
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

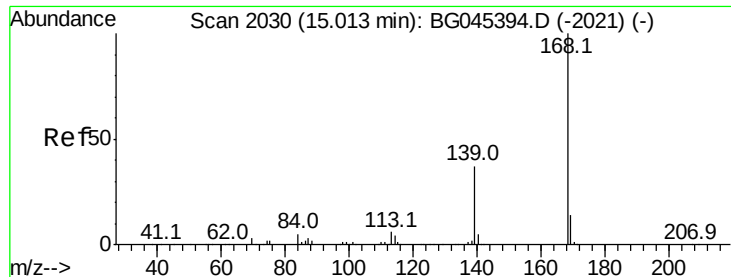
Tot Ion:138 Resp: 156435
Ion Ratio Lower Upper
138 100
108 11.0 9.8 14.6
92 125.6 103.0 154.4



#54
2,4-Dinitrophenol
Concen: 35.221 ng
RT: 14.72 min Scan# 1980
Delta R.T. 0.00 min
Lab File: BG045438.D
Acq: 21 May 2020 12:44

Tgt Ion:184 Resp: 80882
Ion Ratio Lower Upper
184 100
63 54.6 47.8 71.6
154 70.8 58.3 87.5





#55

Dibenzofuran

Concen: 39.515 ng

RT: 15.00 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BG045438.D

Acq: 21 May 2020 12:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

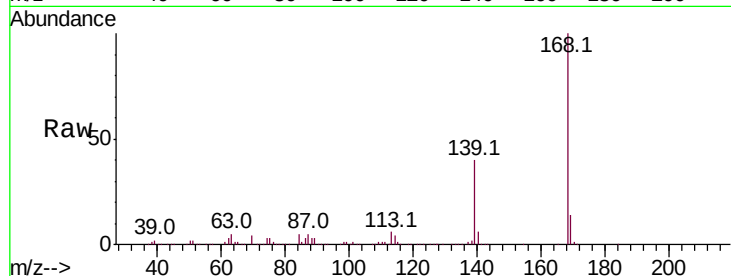
Tot Ion:168 Resp: 786126

Ion Ratio Lower Upper

168 100

139 40.3 29.9 44.9

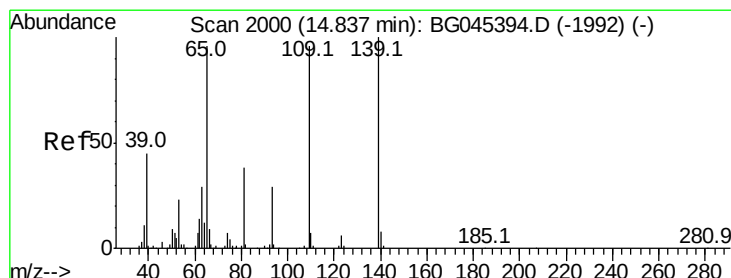
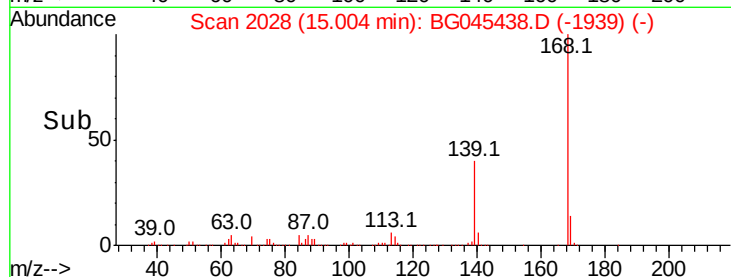
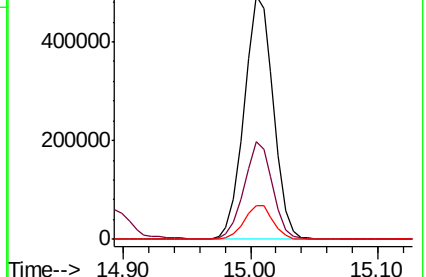
169 13.8 10.9 16.3



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: 37.890 ng

RT: 14.89 min Scan# 2009

Delta R.T. -0.00 min

Lab File: BG045438.D

Acq: 21 May 2020 12:44

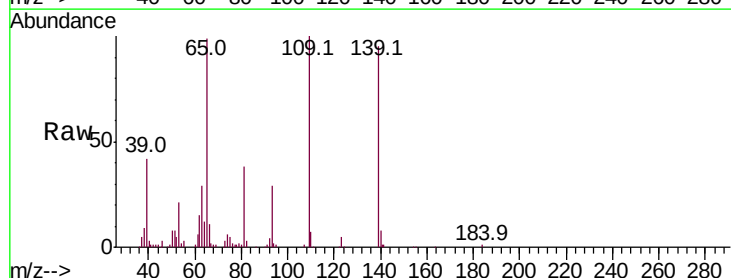
Tgt Ion:139 Resp: 112722

Ion Ratio Lower Upper

139 100

109 104.8 75.6 115.6

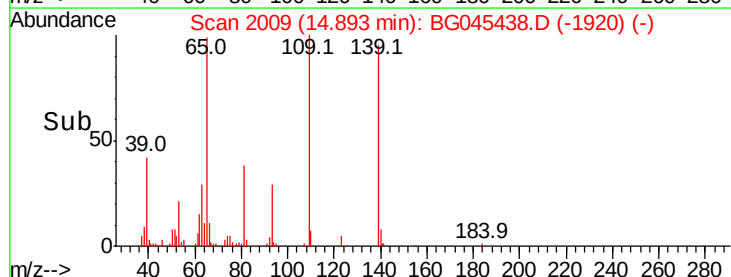
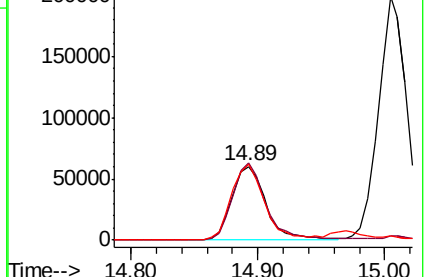
65 103.2 76.8 116.8

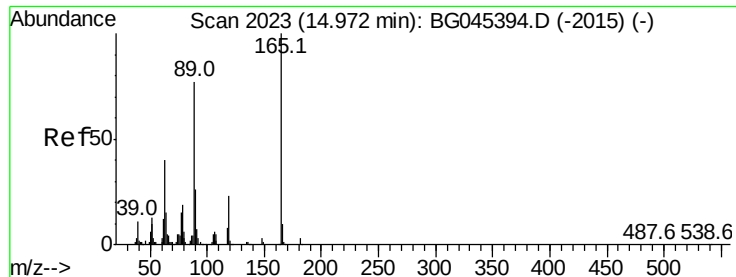


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





#57

2,4-Dinitrotoluene

Concen: 39.437 ng

RT: 14.97 min Scan# 2022

Delta R.T. 0.00 min

Lab File: BG045438.D

Acq: 21 May 2020 12:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:165 Resp: 220779

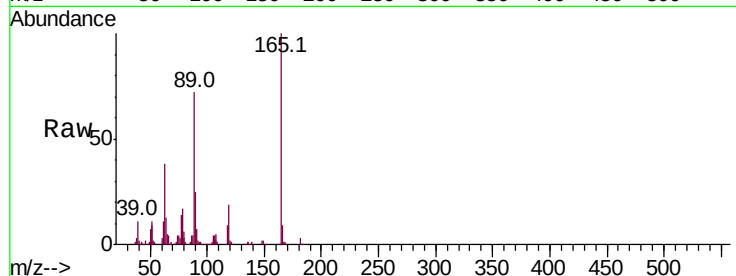
Ion Ratio Lower Upper

165 100

63 38.1 32.5 48.7

89 72.2 61.8 92.6

182 3.1 2.3 3.5

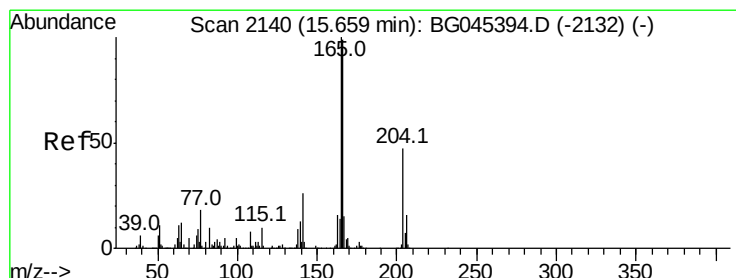
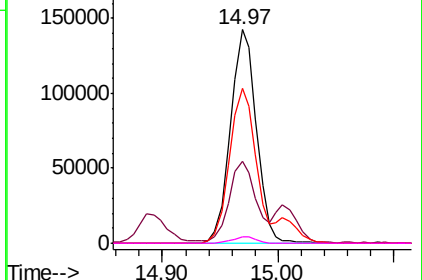
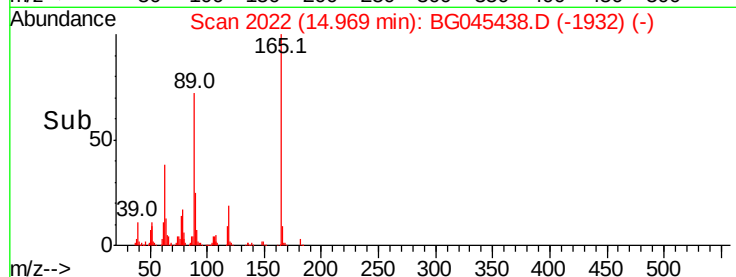


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 39.602 ng

RT: 15.66 min Scan# 2139

Delta R.T. 0.00 min

Lab File: BG045438.D

Acq: 21 May 2020 12:44

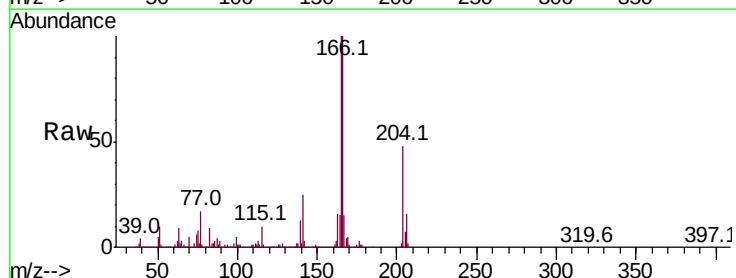
Tgt Ion:166 Resp: 647264

Ion Ratio Lower Upper

166 100

165 100.2 80.8 121.2

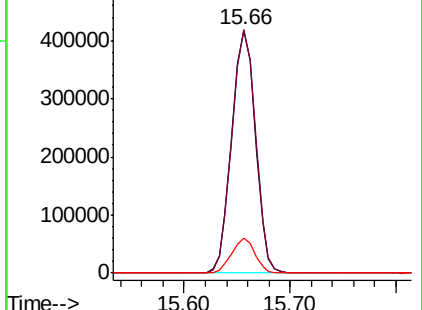
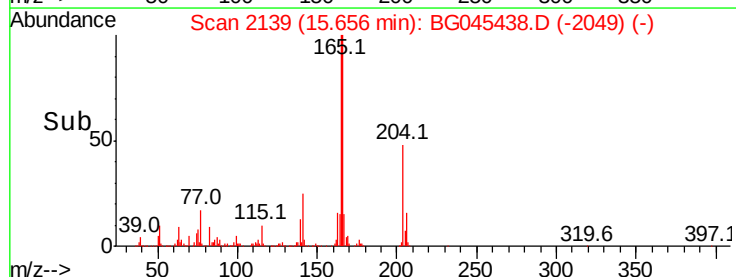
167 14.6 12.0 18.0

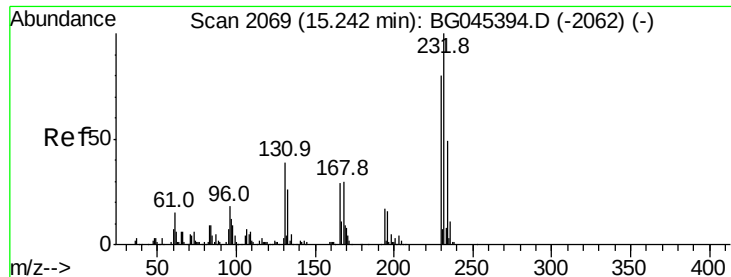


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

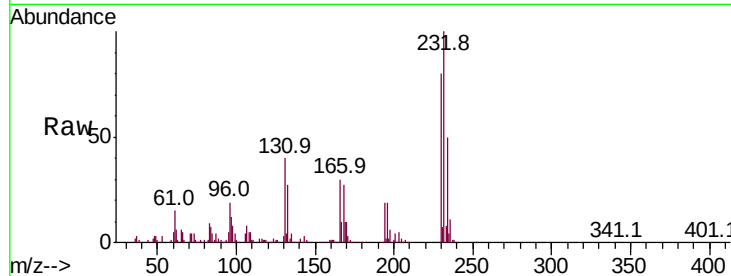




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.968 ng
RT: 15.25 min Scan# 2070
Delta R.T. 0.00 min
Lab File: BG045438.D
Acq: 21 May 2020 12:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	39.8	33.7	50.5
130	2.4	2.1	3.1
166	27.5	23.2	34.8



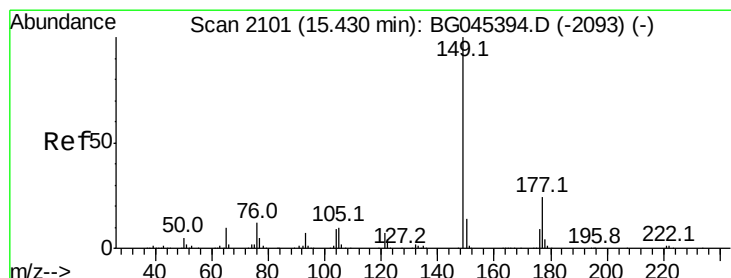
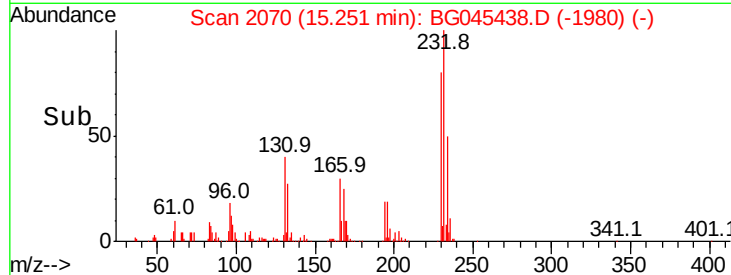
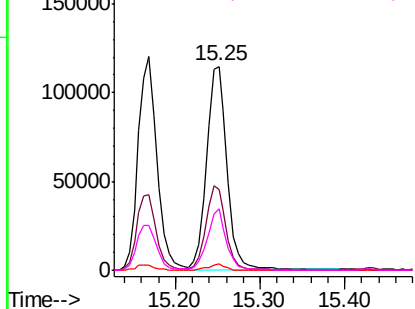
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

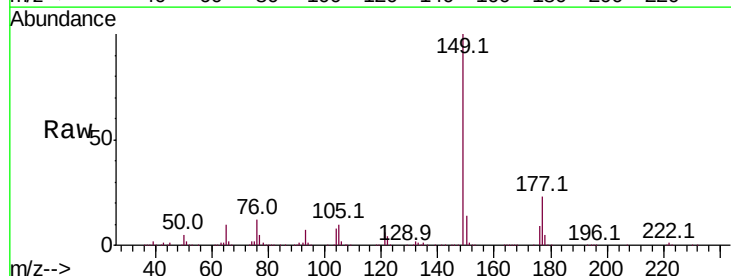
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 39.453 ng
RT: 15.43 min Scan# 2100
Delta R.T. 0.00 min
Lab File: BG045438.D
Acq: 21 May 2020 12:44

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.2	19.0	28.4
150	13.6	11.4	17.0

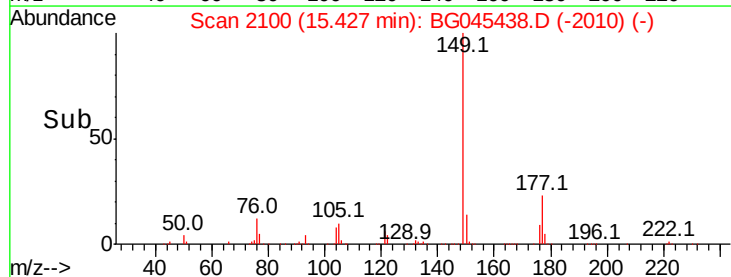
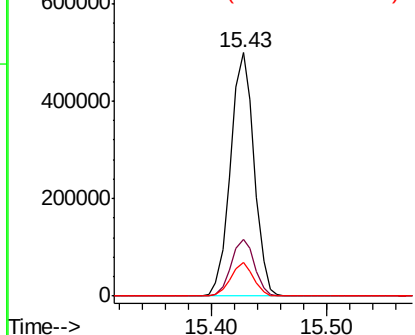


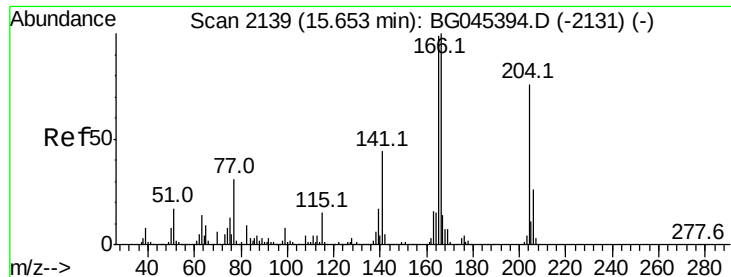
Abundance

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

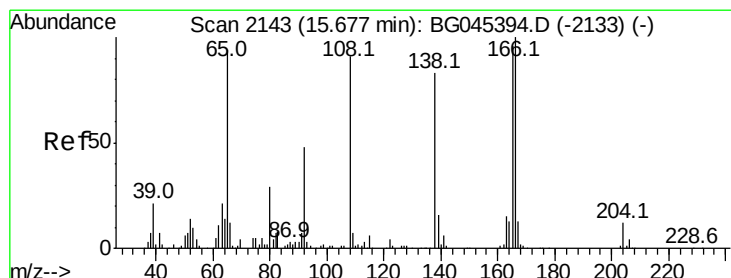
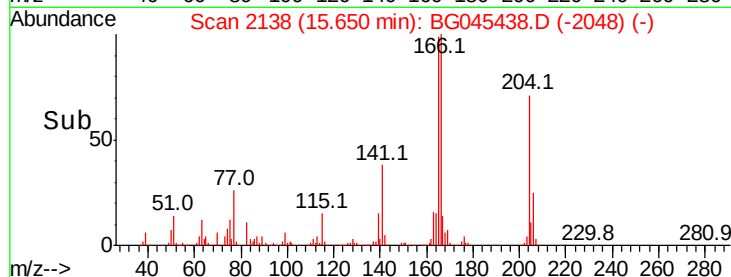
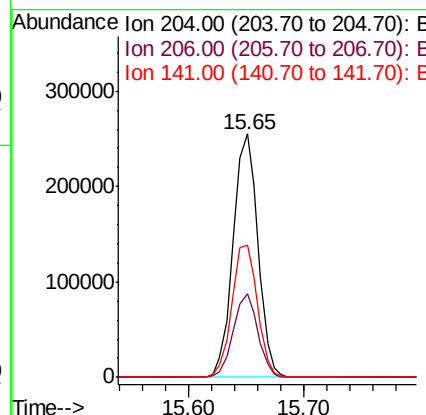
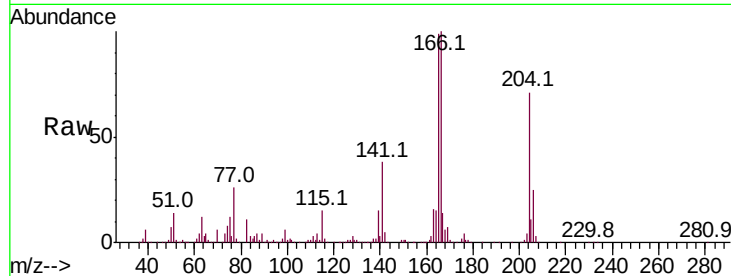




#61
4-Chlorophenyl-phenylether
Concen: 40.533 ng
RT: 15.65 min Scan# 2138
Delta R.T. 0.00 min
Lab File: BG045438.D
Acq: 21 May 2020 12:44

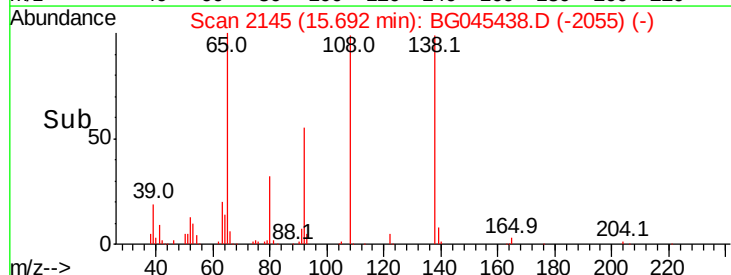
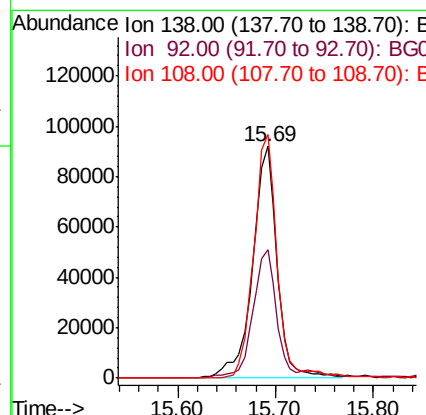
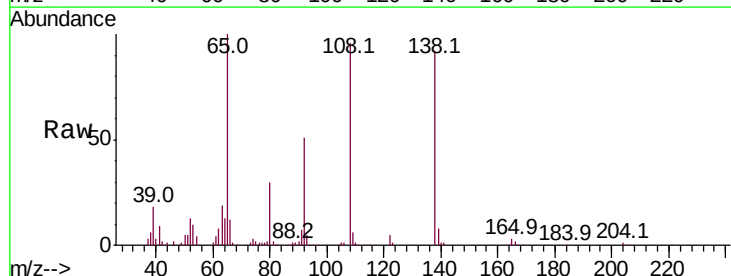
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

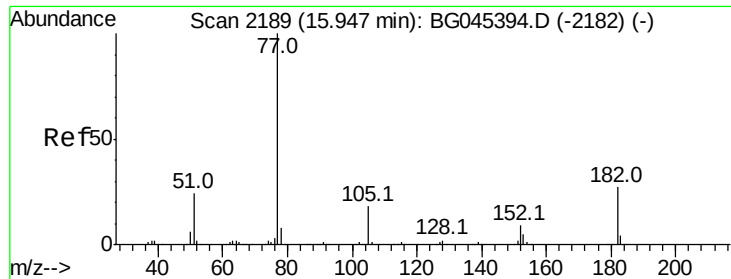
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.6	27.3	40.9
141	54.1	45.9	68.9



#62
4-Nitroaniline
Concen: 39.904 ng
RT: 15.69 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BG045438.D
Acq: 21 May 2020 12:44

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.1	38.0	78.0
108	105.0	89.3	129.3





#63

Azobenzene

Concen: 38.703 ng

RT: 15.94 min Scan# 2188

Delta R.T. 0.00 min

Lab File: BG045438.D

Acq: 21 May 2020 12:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 643457

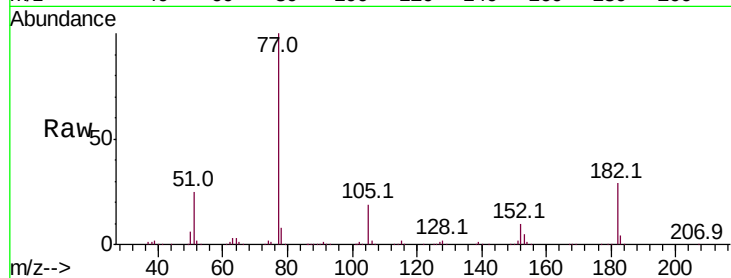
Ion Ratio Lower Upper

77 100

182 29.0 6.5 46.5

105 19.4 0.0 37.9

51 24.8 4.1 44.1

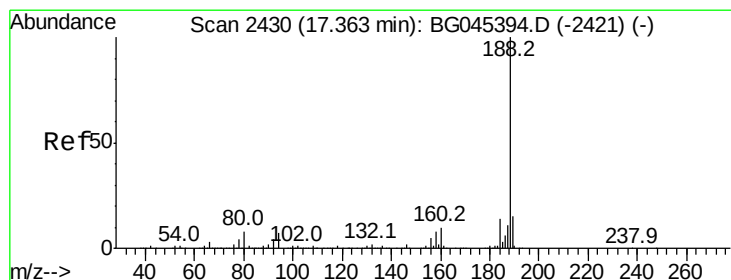
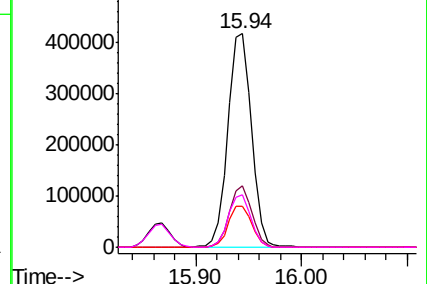
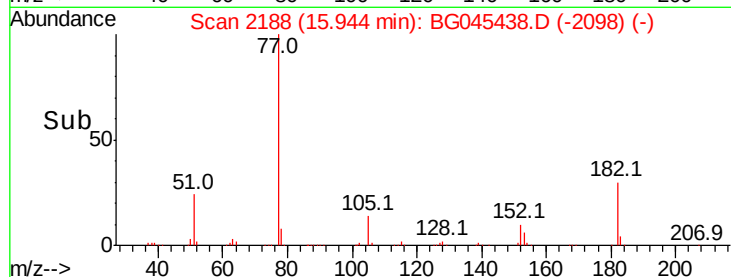


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.35 min Scan# 2428

Delta R.T. 0.00 min

Lab File: BG045438.D

Acq: 21 May 2020 12:44

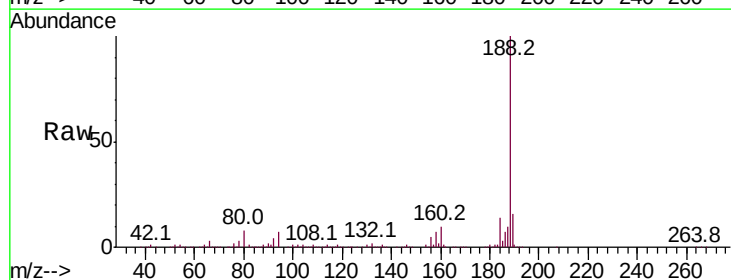
Tgt Ion: 188 Resp: 599513

Ion Ratio Lower Upper

188 100

94 7.2 5.5 8.3

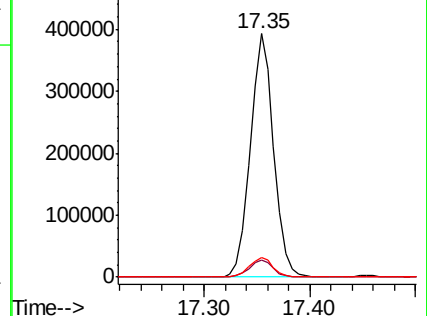
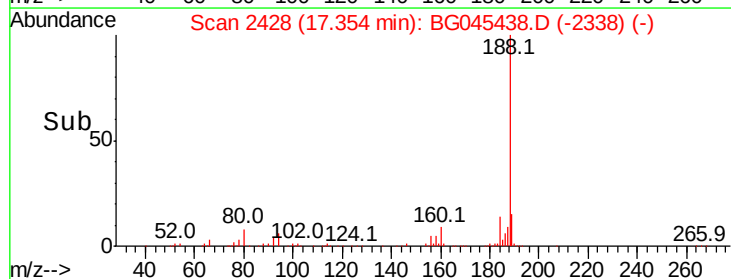
80 8.0 6.6 10.0

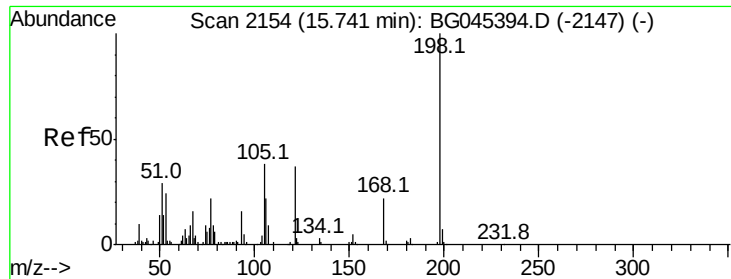


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

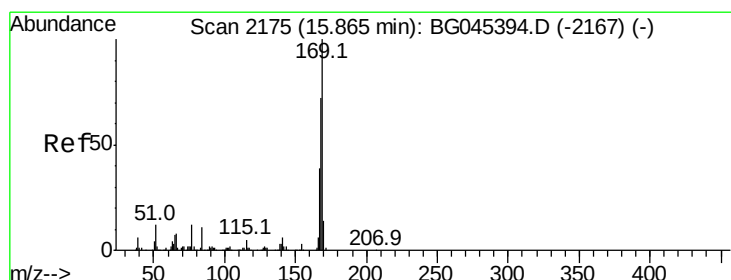
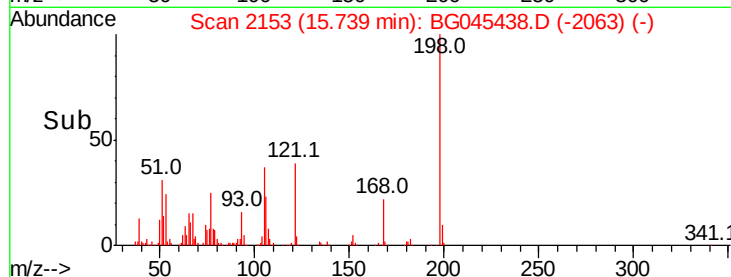
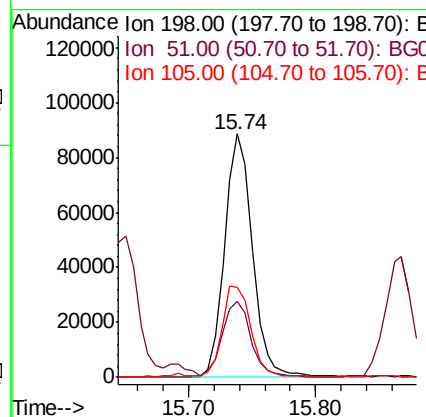
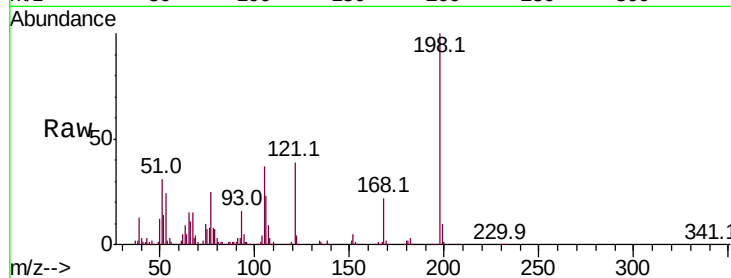




#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.786 ng
 RT: 15.74 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: BG045438.D
 Acq: 21 May 2020 12:44

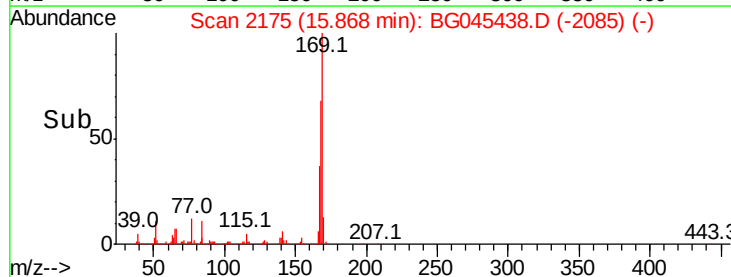
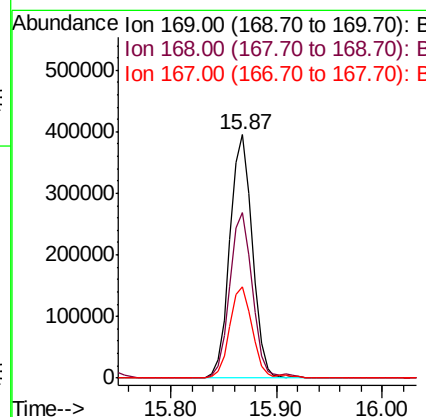
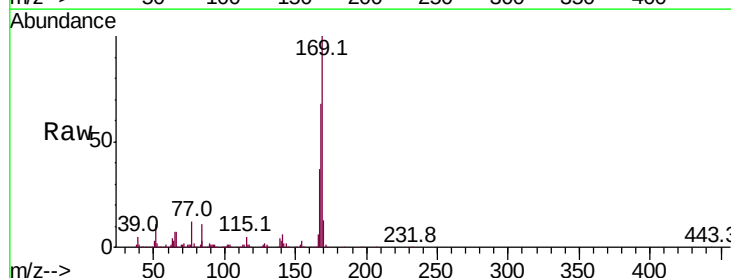
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

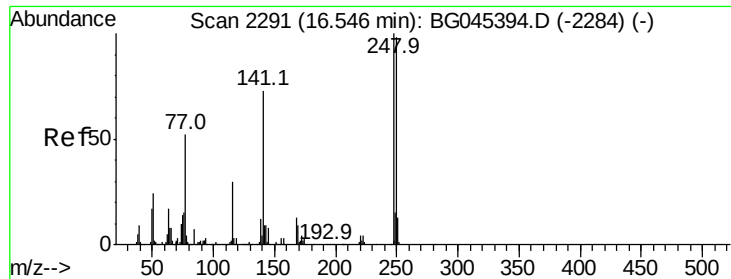
Tot Ion	Ratio	Lower	Upper
198	100		
51	31.0	10.0	50.0
105	37.2	18.9	58.9



#66
 n-Nitrosodiphenylamine
 Concen: 40.268 ng
 RT: 15.87 min Scan# 2175
 Delta R.T. 0.00 min
 Lab File: BG045438.D
 Acq: 21 May 2020 12:44

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.1	57.8	86.6
167	37.4	31.5	47.3

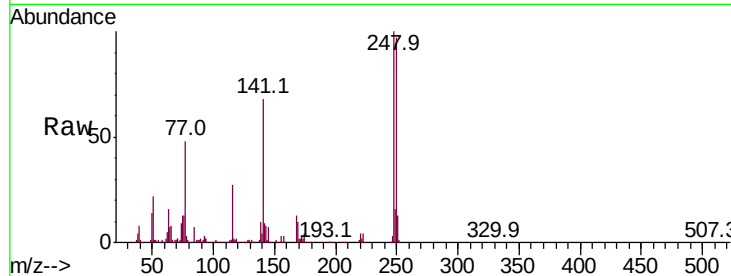




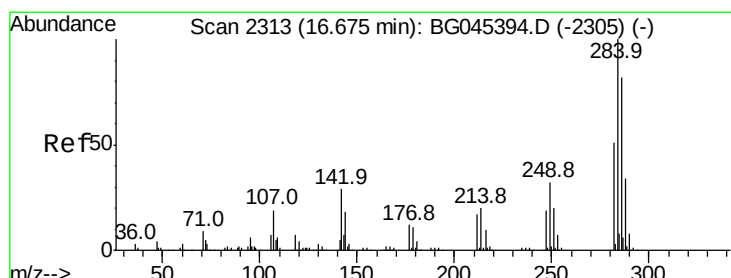
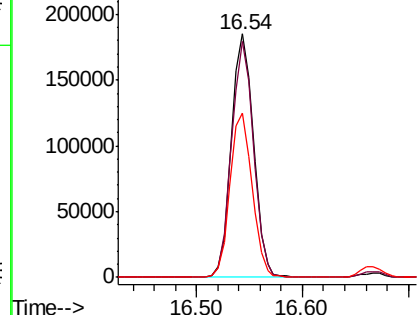
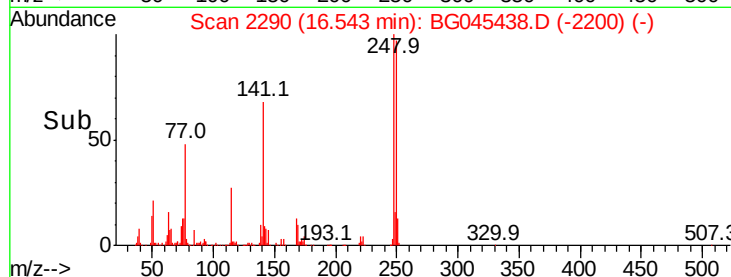
#67
4-Bromophenyl-phenylether
Concen: 41.197 ng
RT: 16.54 min Scan# 2290
Delta R.T. 0.00 min
Lab File: BG045438.D
Acq: 21 May 2020 12:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:248 Resp: 267442
Ion Ratio Lower Upper
248 100
250 96.8 78.6 117.8
141 67.7 58.2 87.2

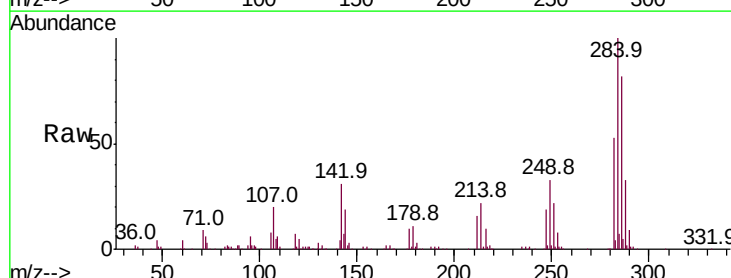


Abundance Ion 248.00 (247.70 to 248.70): E
250000
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

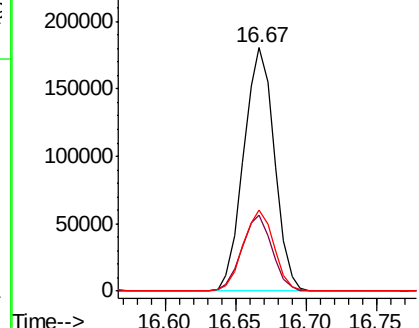
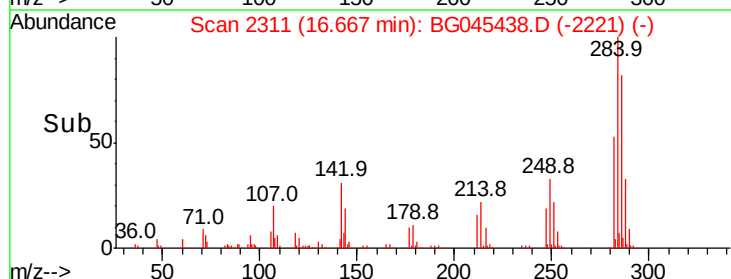


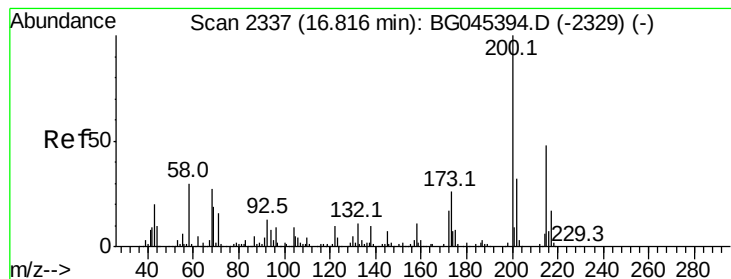
#68
Hexachlorobenzene
Concen: 40.612 ng
RT: 16.67 min Scan# 2311
Delta R.T. 0.00 min
Lab File: BG045438.D
Acq: 21 May 2020 12:44

Tgt Ion:284 Resp: 275751
Ion Ratio Lower Upper
284 100
142 31.1 23.0 34.6
249 33.4 25.8 38.6



Abundance Ion 283.80 (283.50 to 284.50): E
250000
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 38.880 ng

RT: 16.82 min Scan# 2337

Delta R.T. 0.00 min

Lab File: BG045438.D

Acq: 21 May 2020 12:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

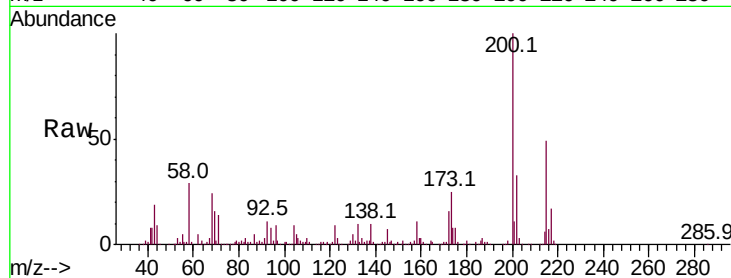
Tot Ion:200 Resp: 230514

Ion Ratio Lower Upper

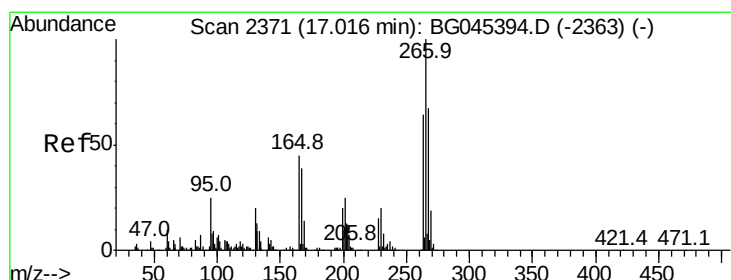
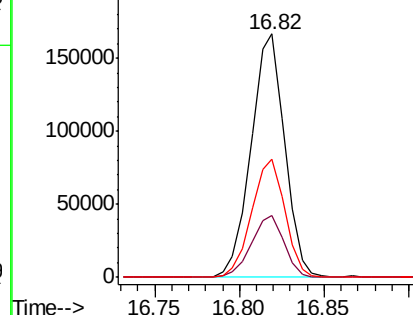
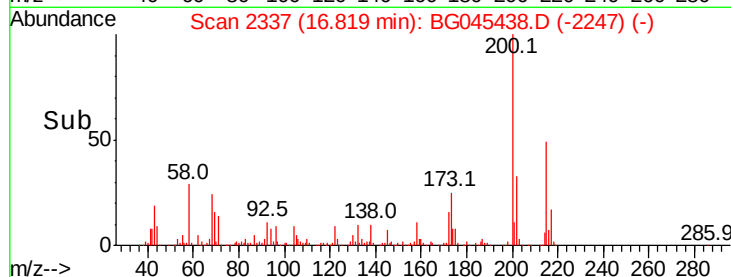
200 100

173 25.4 5.5 45.5

215 48.6 28.2 68.2



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: 36.116 ng

RT: 17.02 min Scan# 2371

Delta R.T. 0.00 min

Lab File: BG045438.D

Acq: 21 May 2020 12:44

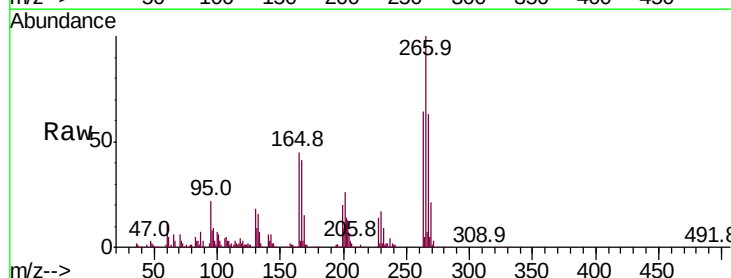
Tgt Ion:266 Resp: 127330

Ion Ratio Lower Upper

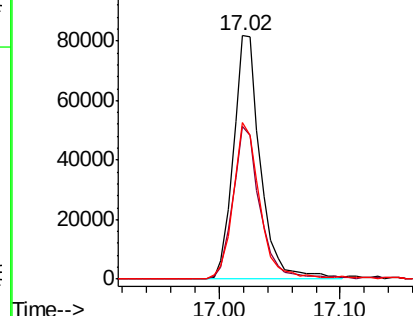
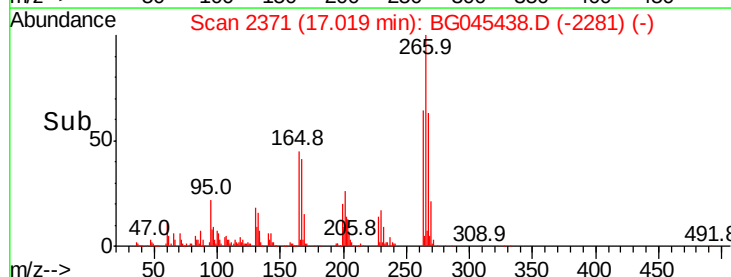
266 100

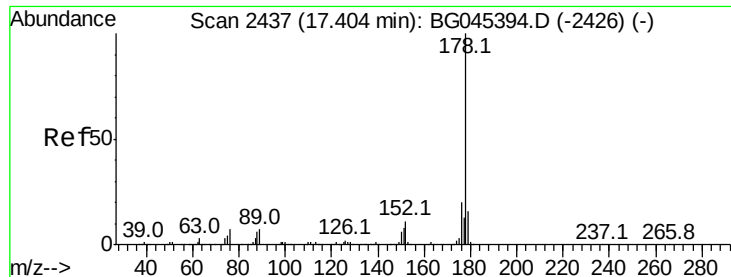
268 62.9 53.2 79.8

264 64.5 51.0 76.4



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

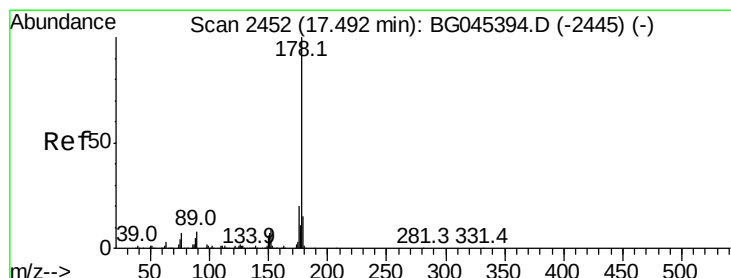
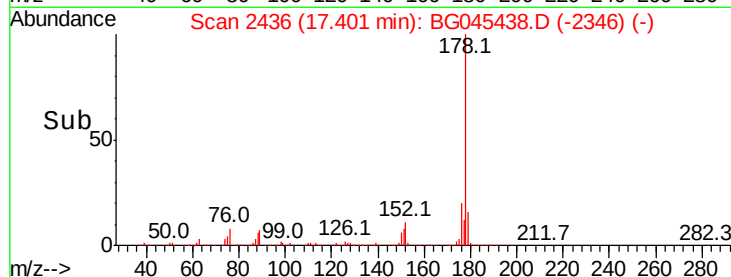
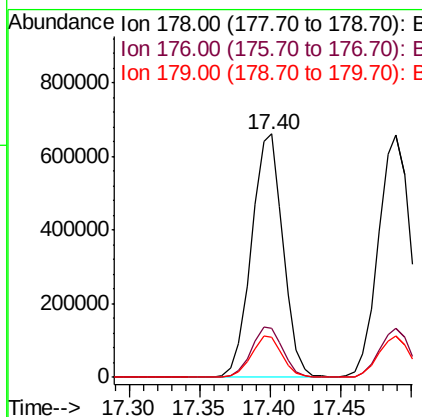
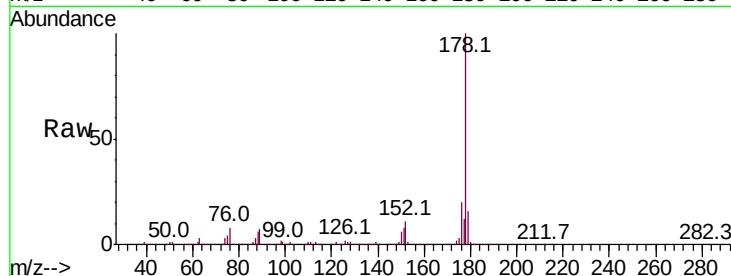




#71
Phenanthrene
Concen: 39.636 ng
RT: 17.40 min Scan# 2436
Delta R.T. 0.00 min
Lab File: BG045438.D
Acq: 21 May 2020 12:44

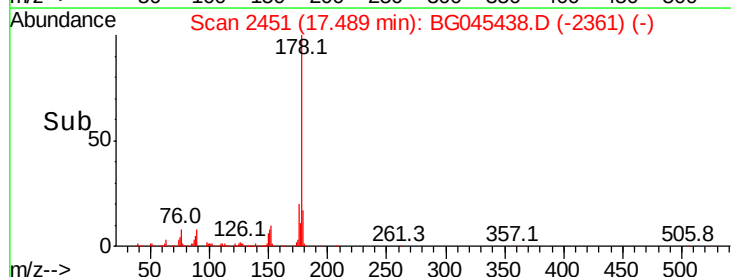
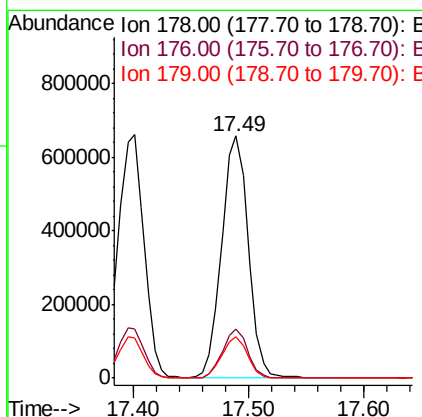
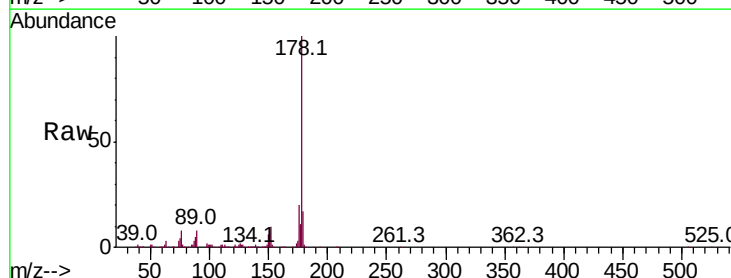
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

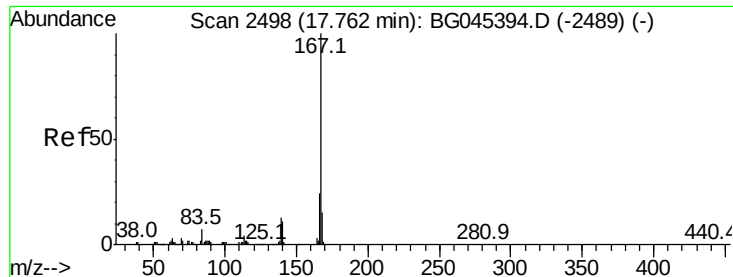
Tot Ion:178 Resp: 1037361
Ion Ratio Lower Upper
178 100
176 20.2 16.2 24.4
179 16.3 13.1 19.7



#72
Anthracene
Concen: 39.796 ng
RT: 17.49 min Scan# 2451
Delta R.T. 0.00 min
Lab File: BG045438.D
Acq: 21 May 2020 12:44

Tgt Ion:178 Resp: 1045946
Ion Ratio Lower Upper
178 100
176 20.5 15.8 23.6
179 17.2 12.2 18.4





#73

Carbazole

Concen: 39.413 ng

RT: 17.77 min Scan# 2498

Delta R.T. 0.00 min

Lab File: BG045438.D

Acq: 21 May 2020 12:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

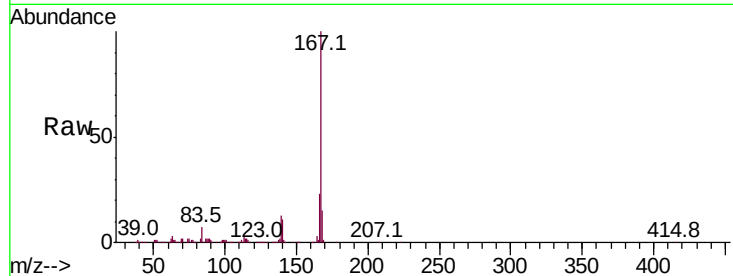
Tot Ion:167 Resp: 1009751

Ion Ratio Lower Upper

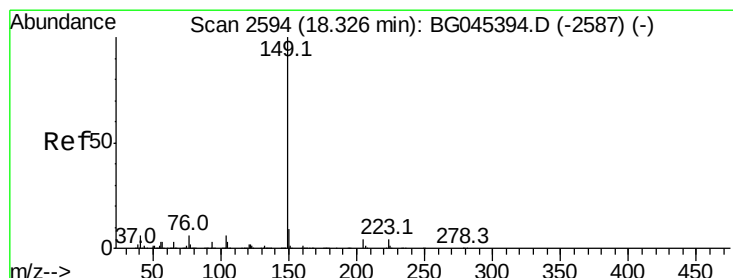
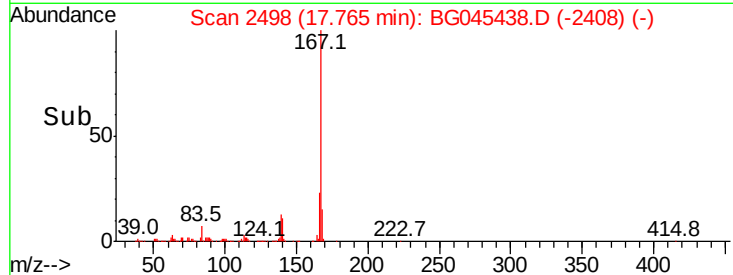
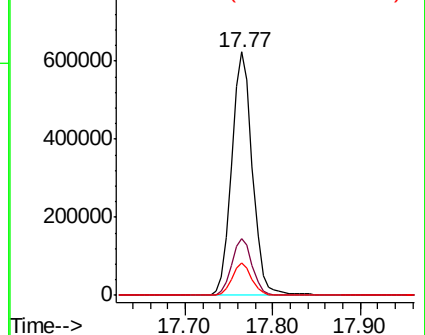
167 100

166 23.2 19.2 28.8

139 13.1 10.6 16.0



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: 38.718 ng

RT: 18.32 min Scan# 2592

Delta R.T. 0.00 min

Lab File: BG045438.D

Acq: 21 May 2020 12:44

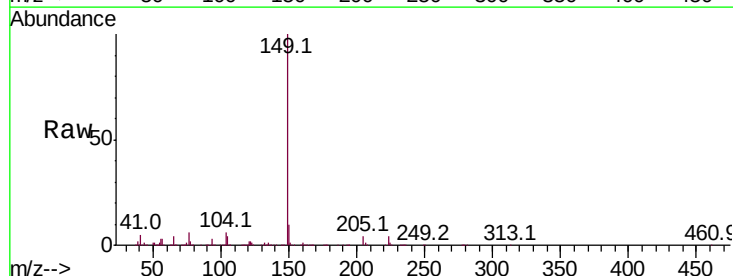
Tgt Ion:149 Resp: 1190570

Ion Ratio Lower Upper

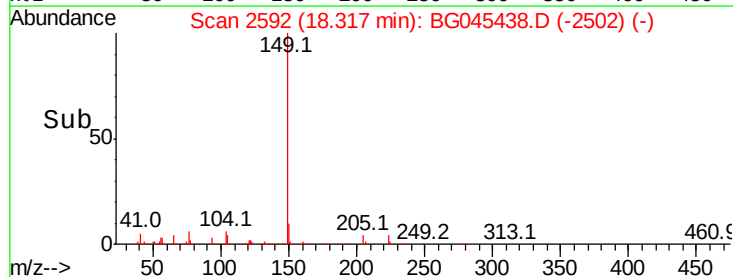
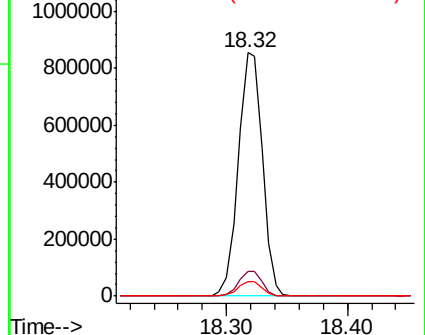
149 100

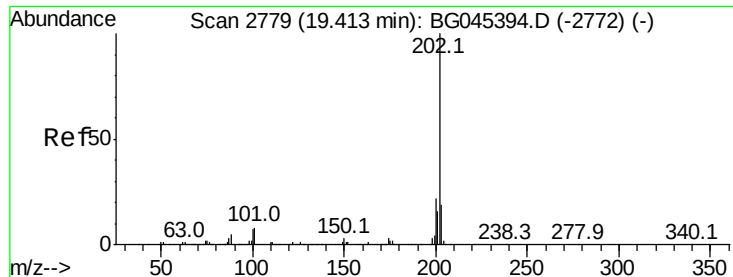
150 10.1 7.6 11.4

104 6.0 5.0 7.4



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: 38.832 ng

RT: 19.41 min Scan# 2778

Delta R.T. 0.00 min

Lab File: BG045438.D

Acq: 21 May 2020 12:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

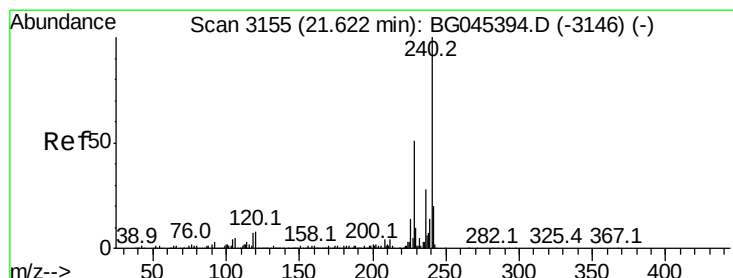
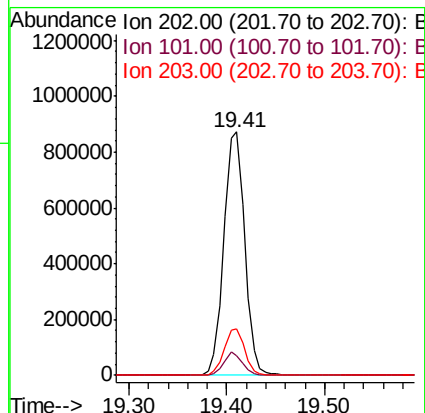
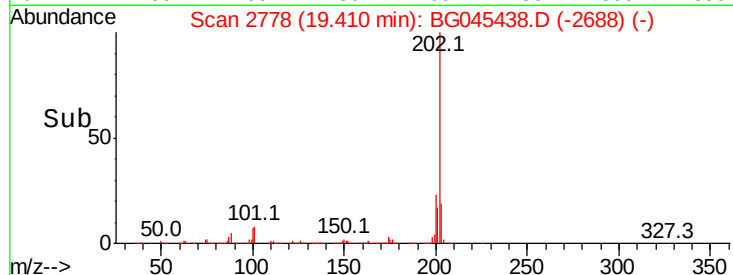
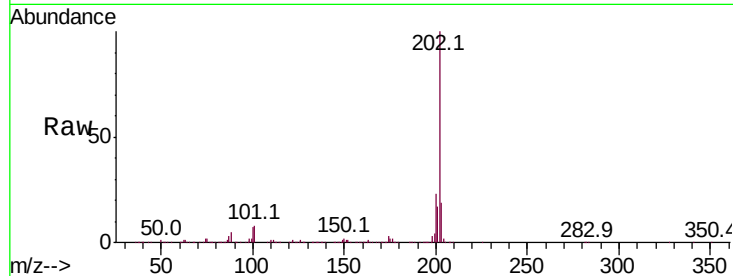
Tot Ion:202 Resp: 1292678

Ion Ratio Lower Upper

202 100

101 8.2 0.0 28.3

203 19.2 0.0 39.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.62 min Scan# 3154

Delta R.T. 0.00 min

Lab File: BG045438.D

Acq: 21 May 2020 12:44

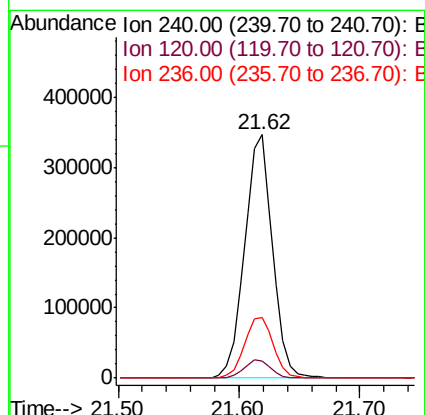
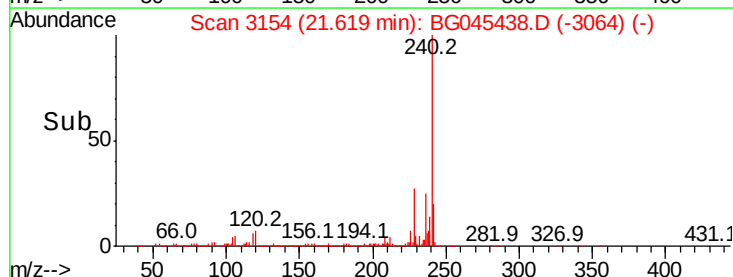
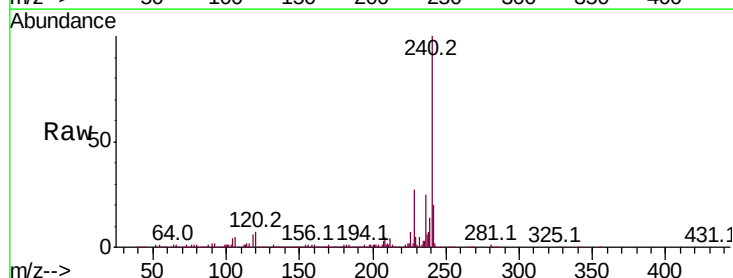
Tgt Ion:240 Resp: 556199

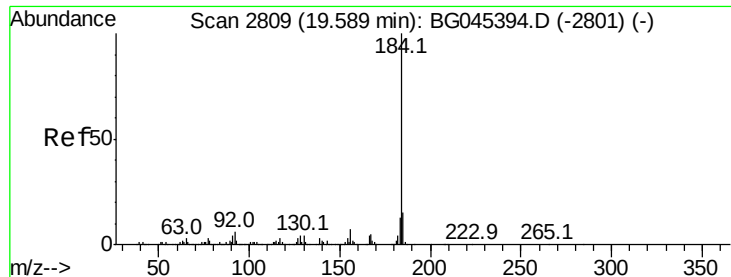
Ion Ratio Lower Upper

240 100

120 6.8 6.1 9.1

236 25.0 22.3 33.5





#77

Benzidine

Concen: 33.776 ng

RT: 19.59 min Scan# 2808

Delta R.T. 0.00 min

Lab File: BG045438.D

Acq: 21 May 2020 12:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

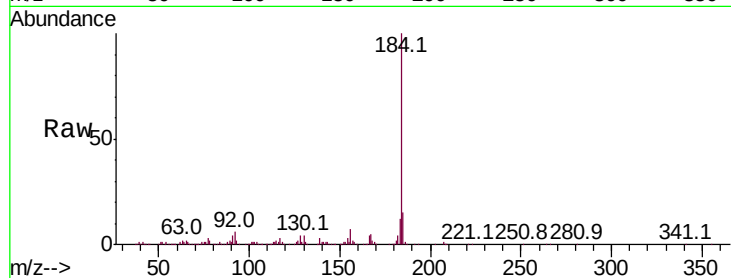
Tot Ion:184 Resp: 527613

Ion Ratio Lower Upper

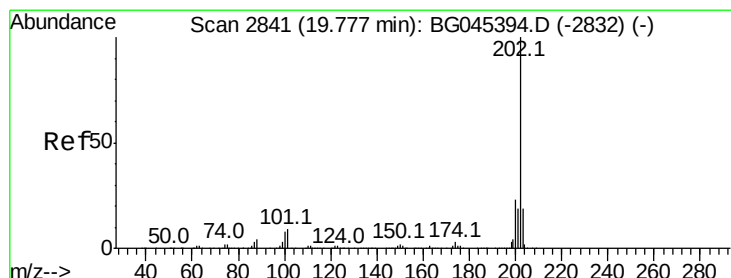
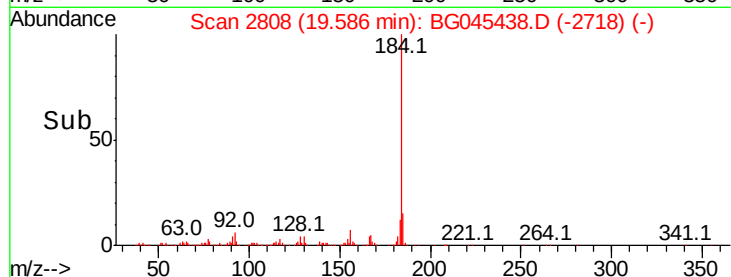
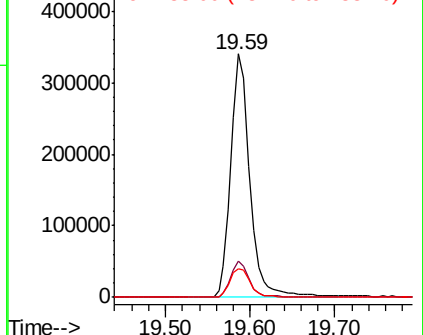
184 100

185 15.2 11.7 17.5

183 11.6 10.2 15.4



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.799 ng

RT: 19.77 min Scan# 2839

Delta R.T. 0.00 min

Lab File: BG045438.D

Acq: 21 May 2020 12:44

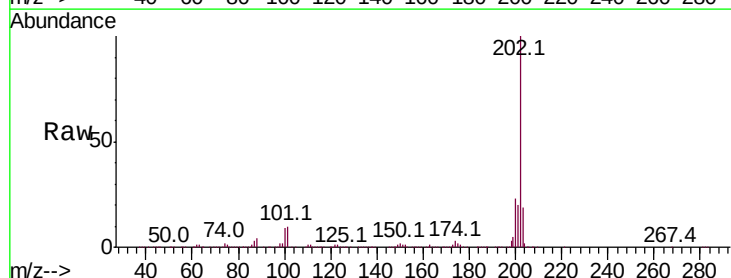
Tgt Ion:202 Resp: 1293568

Ion Ratio Lower Upper

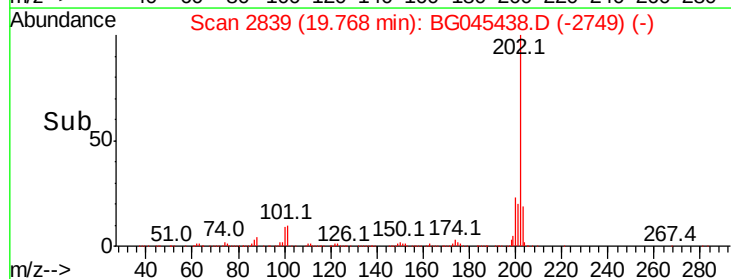
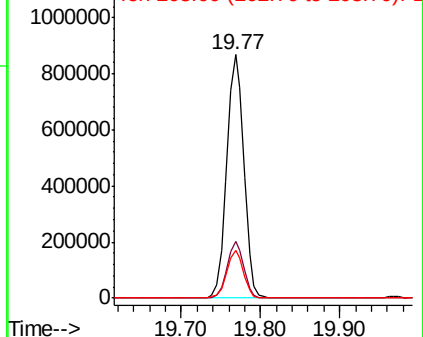
202 100

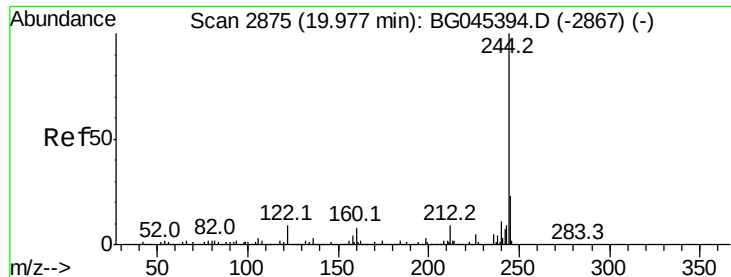
200 23.2 18.2 27.2

203 19.5 15.1 22.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 80.382 ng

RT: 19.97 min Scan# 2873

Delta R.T. 0.00 min

Lab File: BG045438.D

Acq: 21 May 2020 12:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

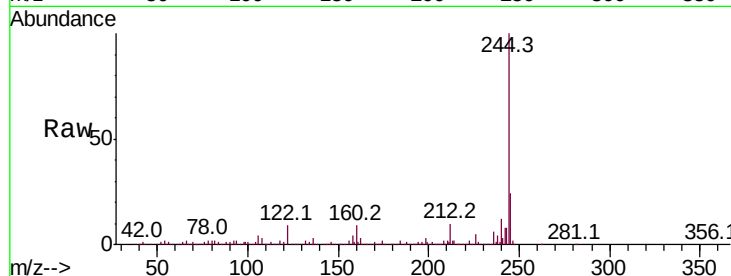
Tot Ion:244 Resp: 1916923

Ion Ratio Lower Upper

244 100

212 10.2 7.4 11.0

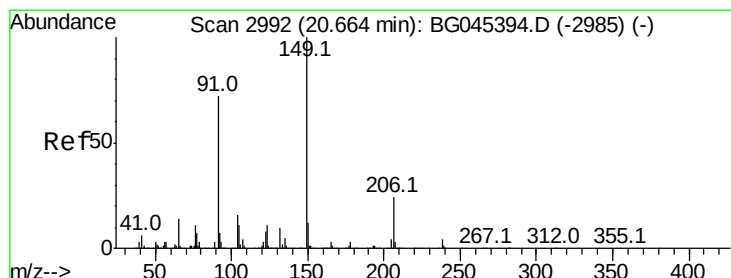
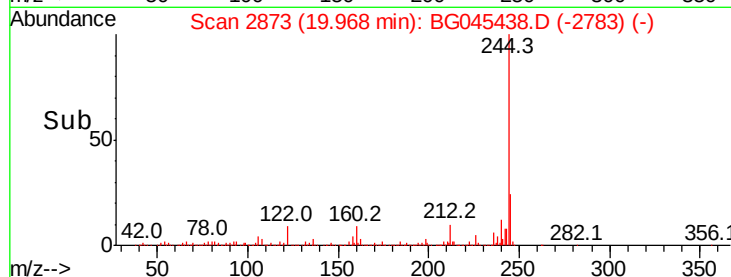
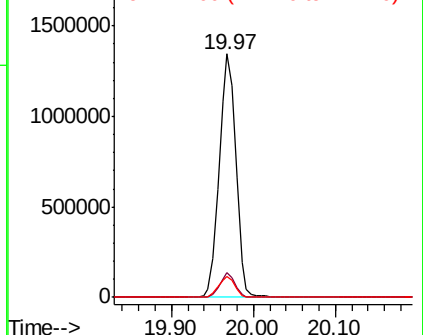
122 8.8 6.8 10.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.975 ng

RT: 20.66 min Scan# 2990

Delta R.T. 0.00 min

Lab File: BG045438.D

Acq: 21 May 2020 12:44

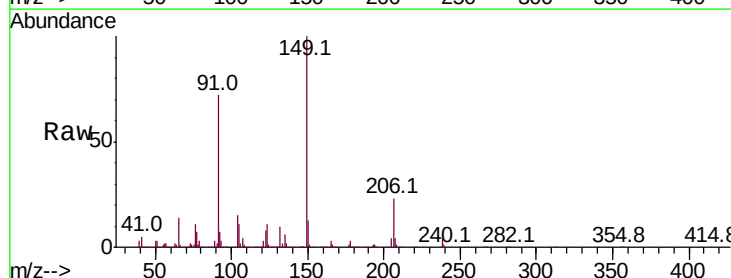
Tgt Ion:149 Resp: 547066

Ion Ratio Lower Upper

149 100

91 71.7 57.8 86.6

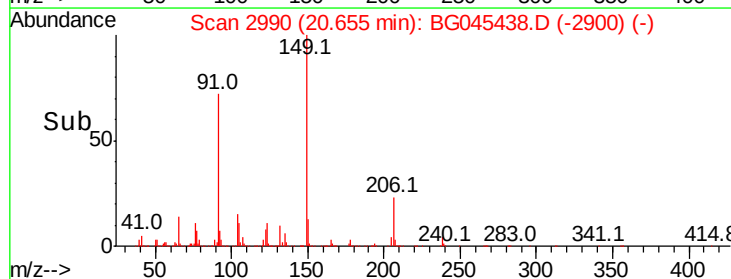
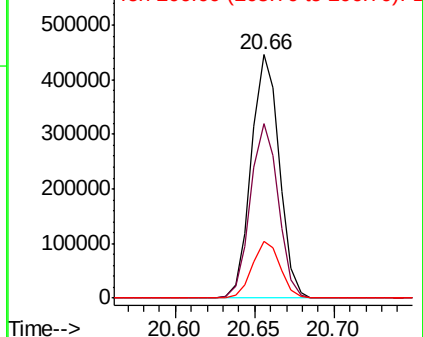
206 23.3 19.1 28.7

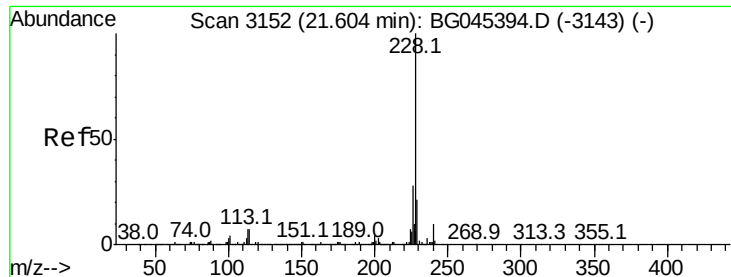


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.100 ng

RT: 21.60 min Scan# 3150

Delta R.T. 0.00 min

Lab File: BG045438.D

Acq: 21 May 2020 12:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

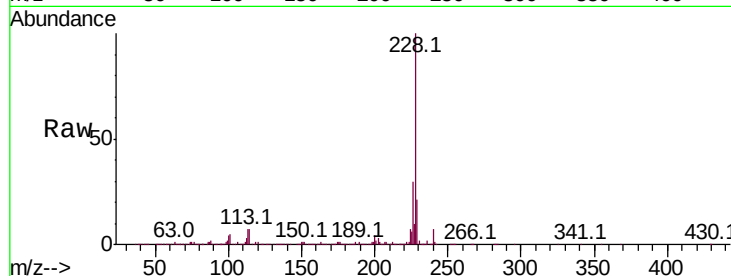
Tot Ion:228 Resp: 1242470

Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.7	34.1
229	21.3	16.7	25.1

228 100

226 29.6 22.7 34.1

229 21.3 16.7 25.1

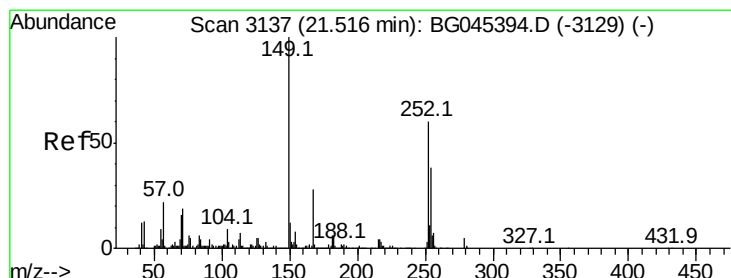
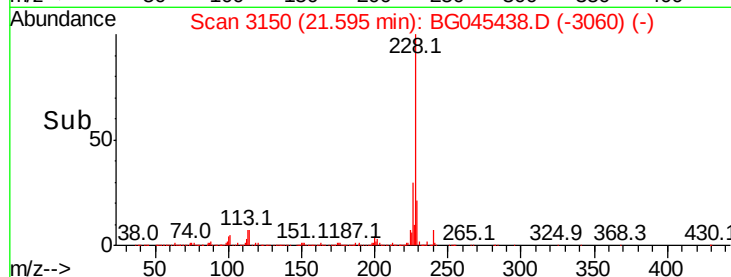
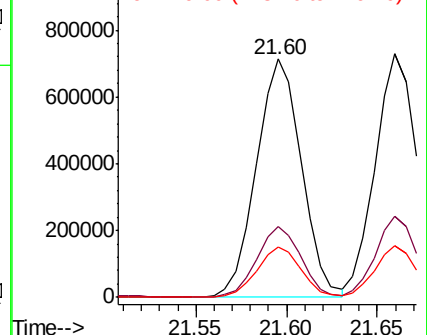


Abundance

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: 40.041 ng

RT: 21.51 min Scan# 3136

Delta R.T. 0.00 min

Lab File: BG045438.D

Acq: 21 May 2020 12:44

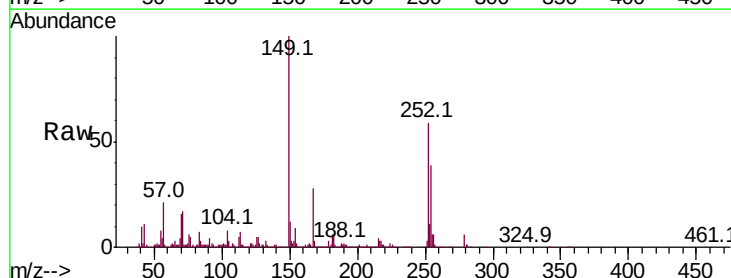
Tgt Ion:252 Resp: 486654

Ion	Ratio	Lower	Upper
252	100		
254	65.9	51.3	76.9
126	7.8	6.6	10.0

252 100

254 65.9 51.3 76.9

126 7.8 6.6 10.0

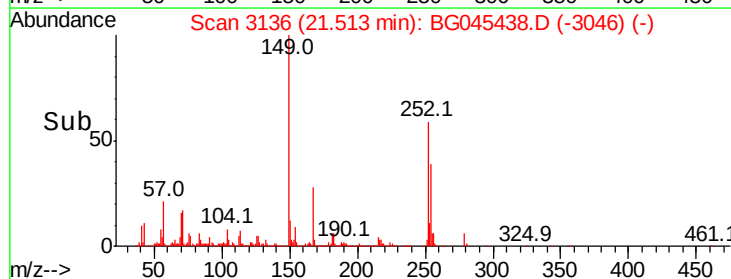
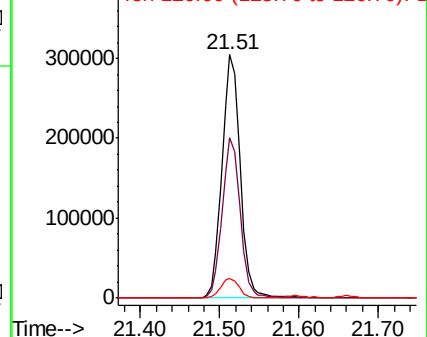


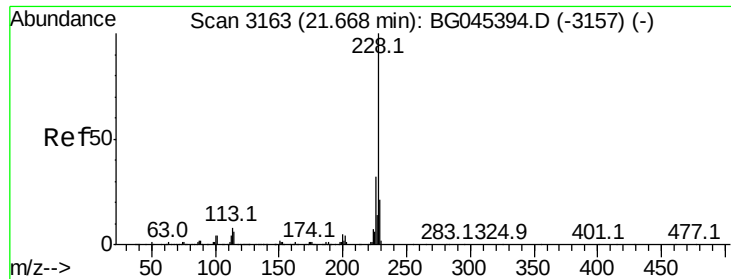
Abundance

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: 39.820 ng

RT: 21.66 min Scan# 3161

Delta R.T. 0.00 min

Lab File: BG045438.D

Acq: 21 May 2020 12:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

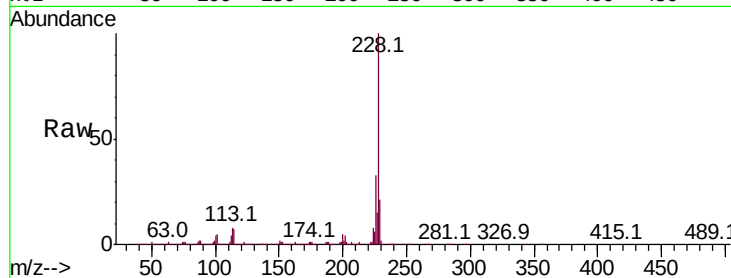
Tot Ion:228 Resp: 1186322

Ion Ratio Lower Upper

228 100

226 33.3 25.2 37.8

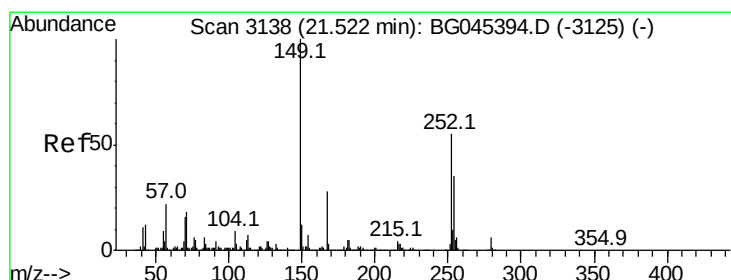
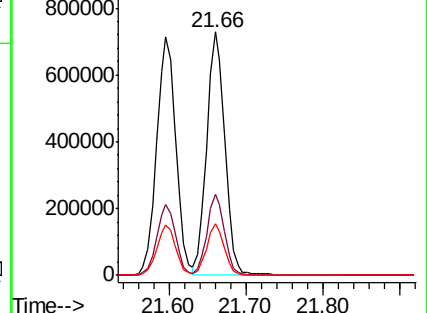
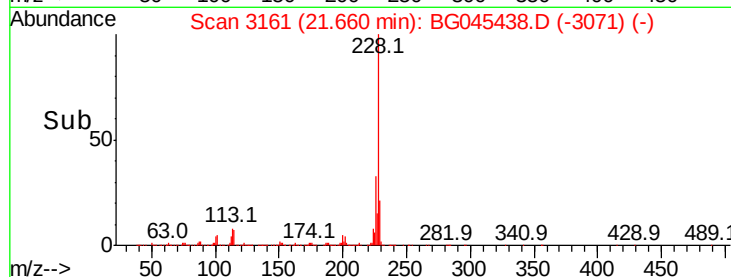
229 21.0 16.7 25.1



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: 40.054 ng

RT: 21.51 min Scan# 3135

Delta R.T. -0.00 min

Lab File: BG045438.D

Acq: 21 May 2020 12:44

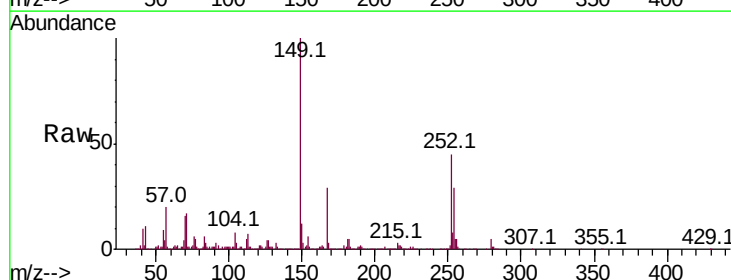
Tgt Ion:149 Resp: 753496

Ion Ratio Lower Upper

149 100

167 28.8 22.2 33.2

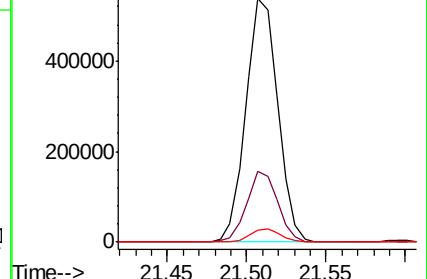
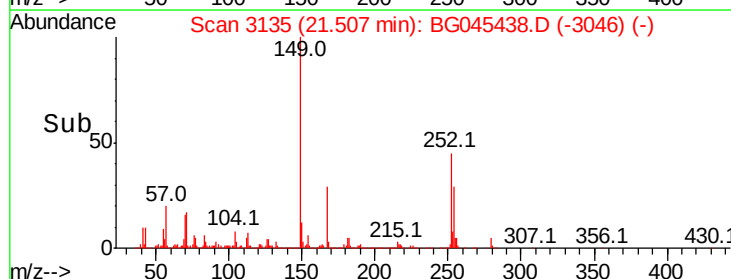
279 5.1 4.7 7.1

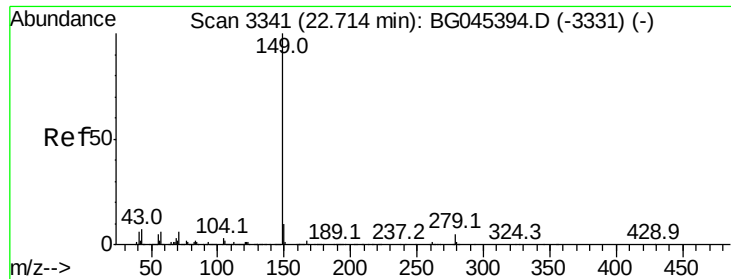


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

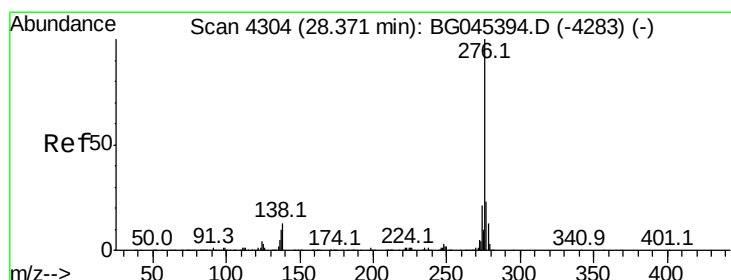
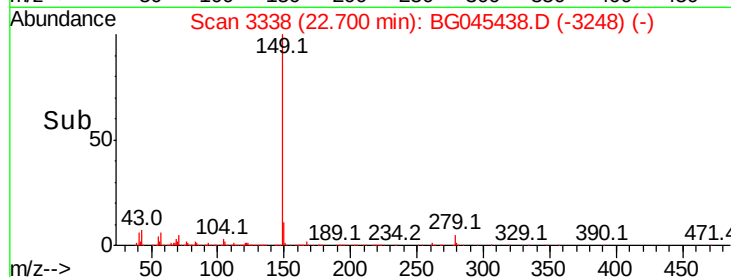
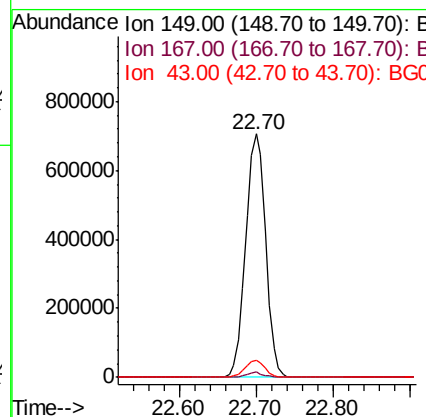
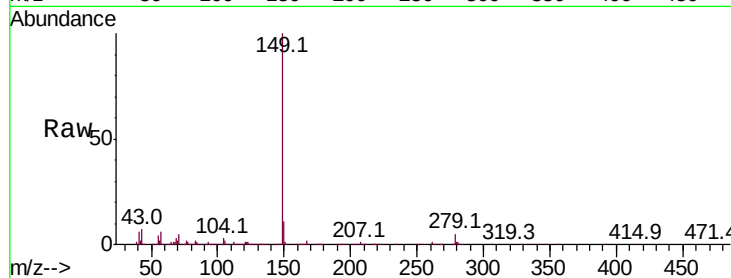




#85
Di-n-octyl phthalate
Concen: 39.659 ng
RT: 22.70 min Scan# 3338
Delta R.T. 0.00 min
Lab File: BG045438.D
Acq: 21 May 2020 12:44

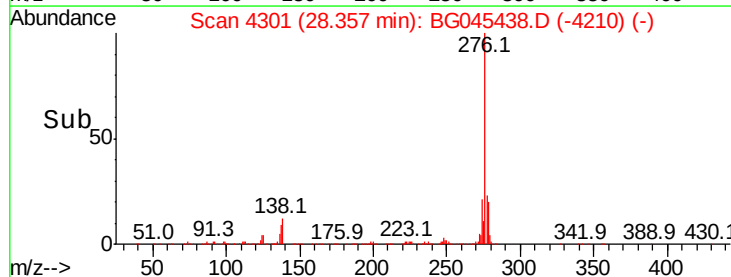
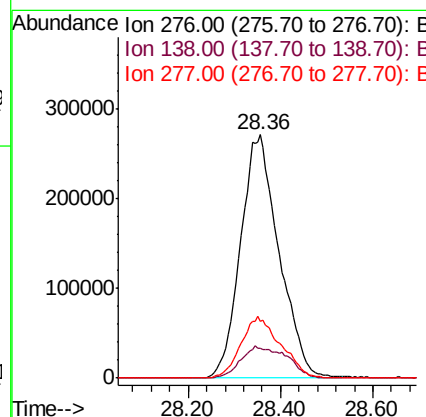
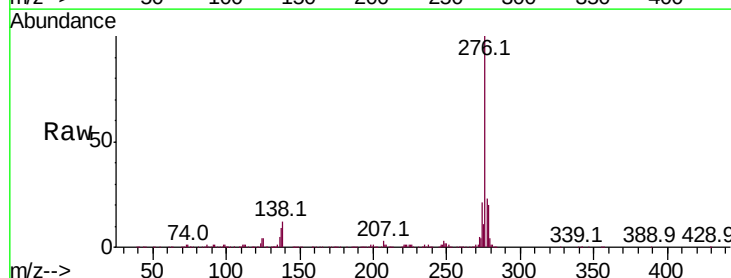
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

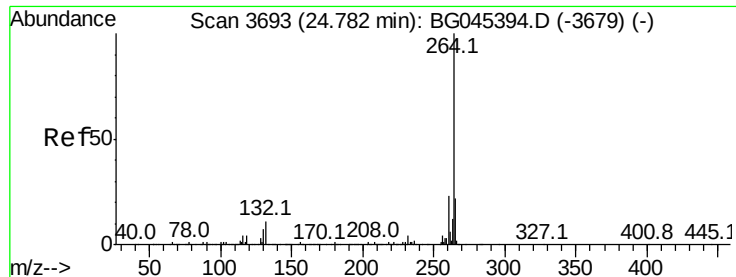
Tot Ion:149 Resp: 1281393
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 6.9 5.8 8.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 40.175 ng
RT: 28.36 min Scan# 4301
Delta R.T. 0.01 min
Lab File: BG045438.D
Acq: 21 May 2020 12:44

Tgt Ion:276 Resp: 1565161
Ion Ratio Lower Upper
276 100
138 15.6 8.6 12.8#
277 26.0 20.2 30.4





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.77 min Scan# 3690

Delta R.T. 0.00 min

Lab File: BG045438.D

Acq: 21 May 2020 12:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

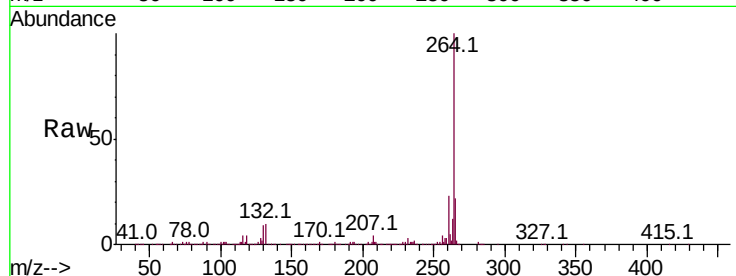
Tot Ion:264 Resp: 634526

Ion Ratio Lower Upper

264 100

260 22.8 18.2 27.4

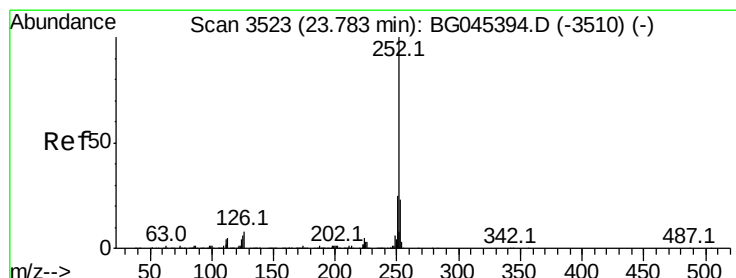
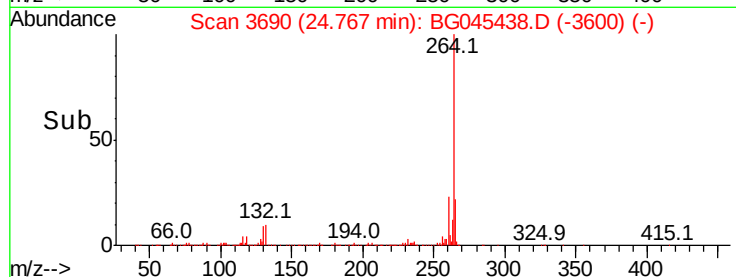
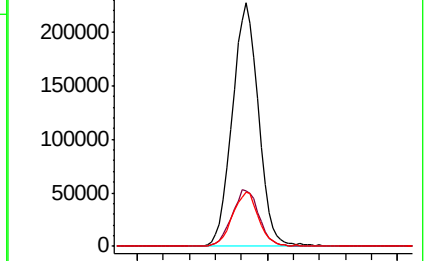
265 22.4 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 39.370 ng

RT: 23.77 min Scan# 3520

Delta R.T. 0.00 min

Lab File: BG045438.D

Acq: 21 May 2020 12:44

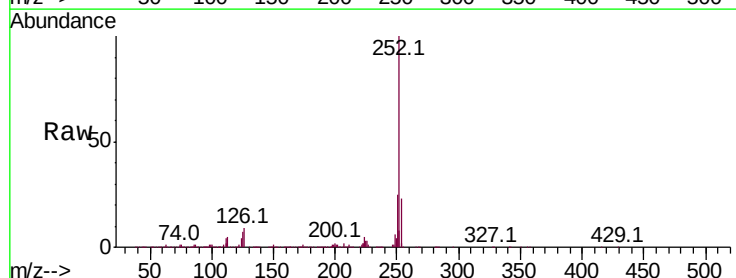
Tgt Ion:252 Resp: 1339790

Ion Ratio Lower Upper

252 100

253 22.7 18.1 27.1

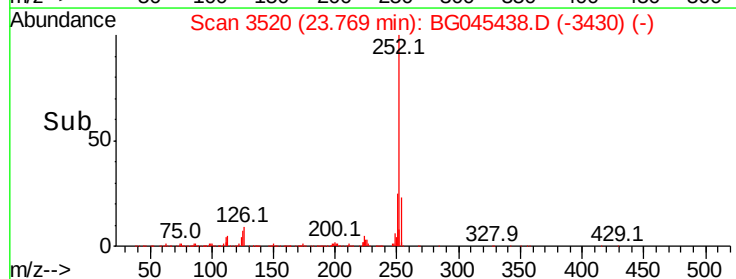
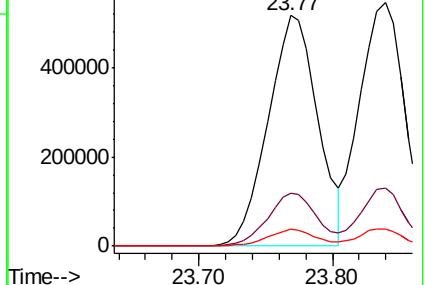
125 7.3 5.0 7.6

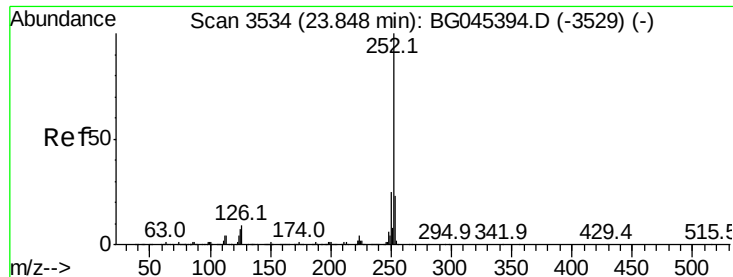


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 40.425 ng

RT: 23.84 min Scan# 3532

Delta R.T. 0.00 min

Lab File: BG045438.D

Acq: 21 May 2020 12:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

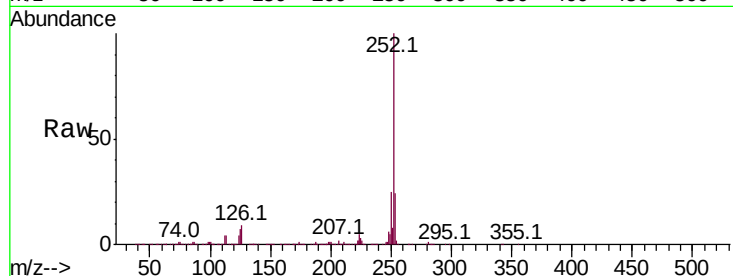
Tot Ion:252 Resp: 1292429

Ion Ratio Lower Upper

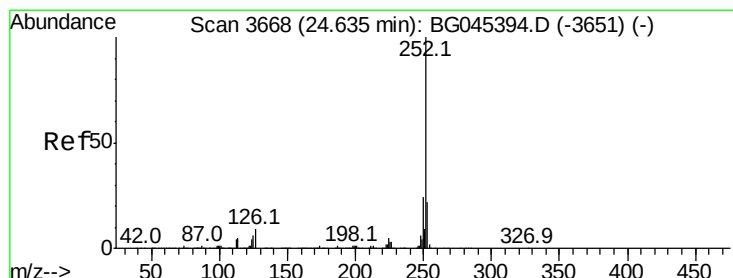
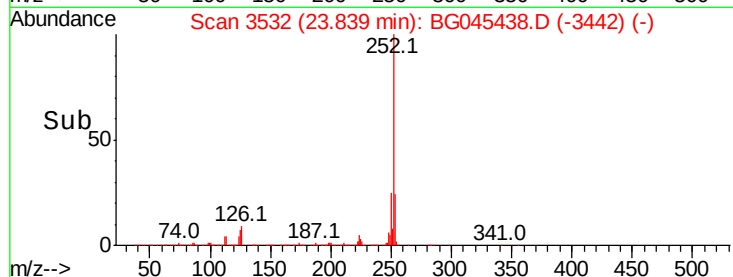
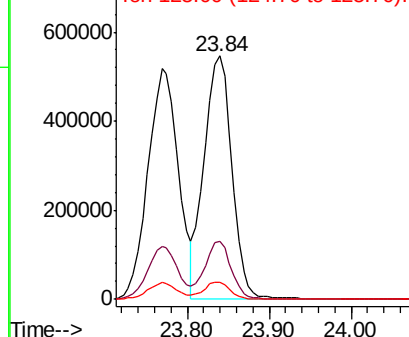
252 100

253 24.0 18.4 27.6

125 6.8 5.7 8.5



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



#90

Benzo(a)pyrene

Concen: 39.780 ng

RT: 24.62 min Scan# 3665

Delta R.T. 0.00 min

Lab File: BG045438.D

Acq: 21 May 2020 12:44

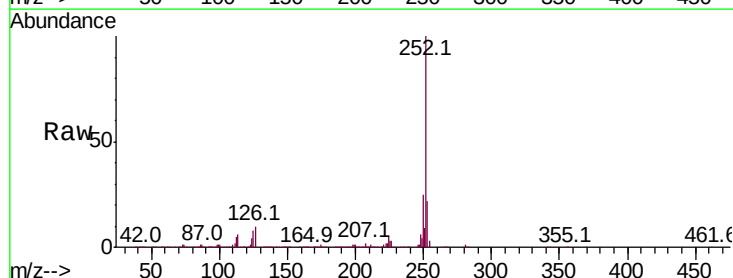
Tgt Ion:252 Resp: 1260776

Ion Ratio Lower Upper

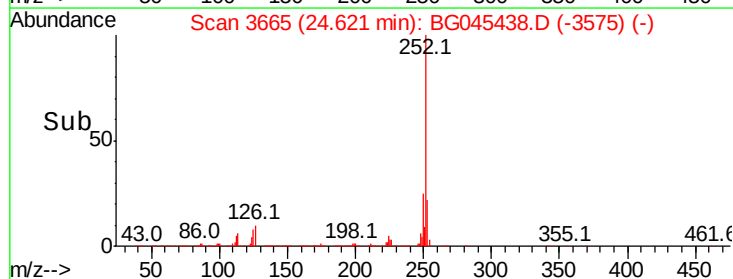
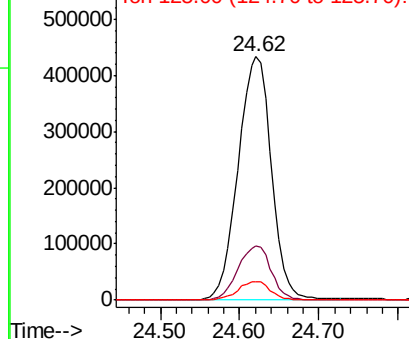
252 100

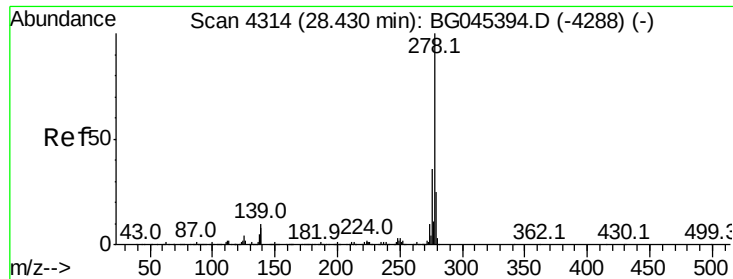
253 22.1 17.2 25.8

125 7.8 5.0 7.6#



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





#91

Dibenzo(a,h)anthracene

Concen: 40.138 ng

RT: 28.41 min Scan# 4310

Delta R.T. 0.00 min

Lab File: BG045438.D

Acq: 21 May 2020 12:44

Instrument :

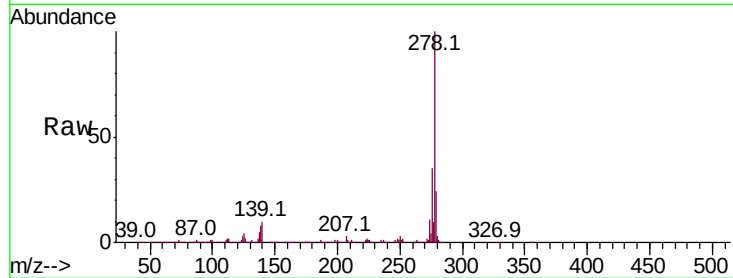
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:278 Resp: 1278352

Ion	Ratio	Lower	Upper
278	100		
139	10.5	7.8	11.8
279	24.5	19.8	29.8

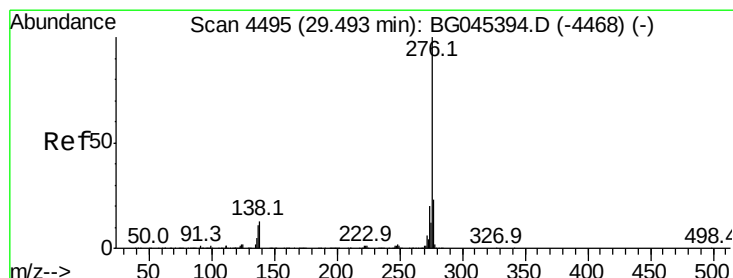
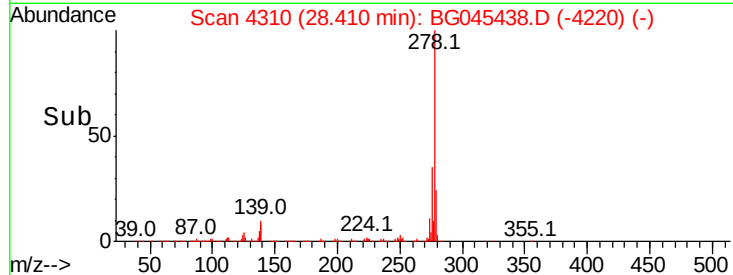
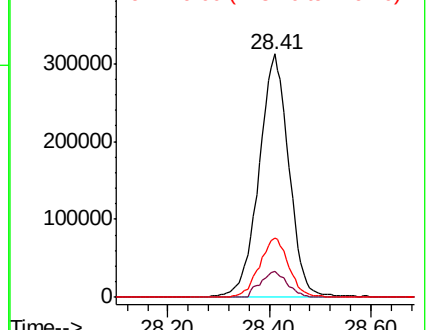


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 39.136 ng

RT: 29.47 min Scan# 4491

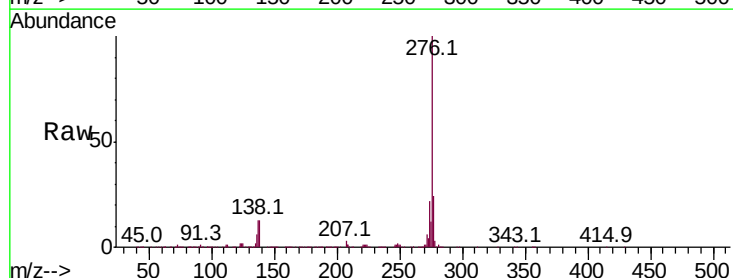
Delta R.T. 0.01 min

Lab File: BG045438.D

Acq: 21 May 2020 12:44

Tgt Ion:276 Resp: 1246577

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.1	27.1
138	13.3	10.2	15.4



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

