

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052920\
 Data File : BG045550.D
 Acq On : 30 May 2020 11:22
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: May 31 22:46:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 11:17:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	84671	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	359378	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	268584	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	627986	20.00	ng	0.00
76) Chrysene-d12	21.61	240	583761	20.00	ng	0.00
87) Perylene-d12	24.76	264	661668	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	373306	86.16	ng	0.00
7) Phenol-d6	7.15	99	551288	89.40	ng	-0.01
23) Nitrobenzene-d5	9.12	82	551853	83.74	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	284936	82.95	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1268101	80.09	ng	0.00
79) Terphenyl-d14	19.96	244	2007447	80.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.40	88	87033	40.509	ng	99
3) Pyridine	3.80	79	251445	42.022	ng	97
4) n-Nitrosodimethylamine	3.72	42	85160	43.493	ng	93
6) Aniline	7.28	93	344698	42.820	ng	96
8) 2-Chlorophenol	7.53	128	204966	43.140	ng	97
9) Benzaldehyde	7.08	77	165734	41.251	ng	95
10) Phenol	7.18	94	281450	44.285	ng	99
11) bis(2-Chloroethyl)ether	7.38	93	217011	43.776	ng	99
12) 1,3-Dichlorobenzene	7.84	146	241676	42.328	ng	98
13) 1,4-Dichlorobenzene	7.99	146	241742	42.903	ng	98
14) 1,2-Dichlorobenzene	8.30	146	228585	42.179	ng	97
15) Benzyl Alcohol	8.20	79	230781	45.303	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.48	45	203524	43.252	ng	98
17) 2-Methylphenol	8.42	107	210199	44.187	ng	98
18) Hexachloroethane	9.04	117	91292	42.304	ng	90
19) n-Nitroso-di-n-propylamine	8.76	70	190499	44.674	ng	98
20) 3+4-Methylphenols	8.75	107	288509	44.538	ng	94
22) Acetophenone	8.77	105	347588	40.808	ng	97
24) Nitrobenzene	9.16	77	292310	41.399	ng	98
25) Isophorone	9.69	82	537996	41.452	ng	98
26) 2-Nitrophenol	9.87	139	126956	42.032	ng	95
27) 2,4-Dimethylphenol	9.95	122	190065	42.426	ng	95
28) bis(2-Chloroethoxy)methane	10.17	93	281485	41.355	ng	97
29) 2,4-Dichlorophenol	10.43	162	229942	43.466	ng	98
30) 1,2,4-Trichlorobenzene	10.62	180	261752	41.873	ng	97
31) Naphthalene	10.81	128	695728	41.544	ng	100
32) Benzoic acid	10.14	122	140341	46.466	ng	95
33) 4-Chloroaniline	10.92	127	302528	43.217	ng	98
34) Hexachlorobutadiene	11.10	225	185142	41.899	ng	98
35) Caprolactam	11.71	113	84573	43.555	ng	92
36) 4-Chloro-3-methylphenol	12.08	107	265876	44.601	ng	93
37) 2-Methylnaphthalene	12.42	142	534018	42.783	ng	97
38) 1-Methylnaphthalene	12.64	142	504605	42.796	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	302781	40.360	ng	99

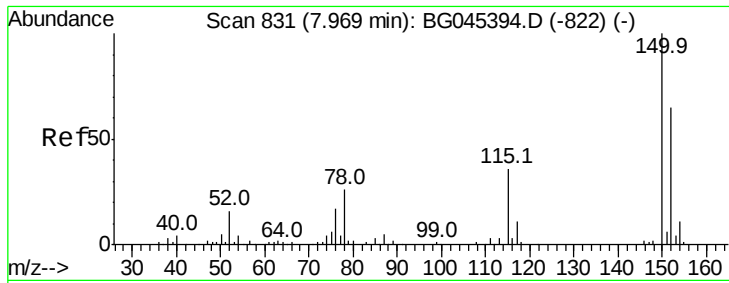
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052920\
 Data File : BG045550.D
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 Operator : CG/JU
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 QLast Update : Fri May 29 11:17:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	141823	32.754	ng	99
43) 2,4,6-Trichlorophenol	13.04	196	213323	40.934	ng	99
44) 2,4,5-Trichlorophenol	13.13	196	236129	39.651	ng	97
46) 1,1'-Biphenyl	13.43	154	669533	40.570	ng	98
47) 2-Chloronaphthalene	13.47	162	543959	40.590	ng	98
48) 2-Nitroaniline	13.68	65	177089	40.172	ng	90
49) Acenaphthylene	14.32	152	876818	40.733	ng	99
50) Dimethylphthalate	14.06	163	723543	39.270	ng	99
51) 2,6-Dinitrotoluene	14.17	165	167529	40.295	ng	99
52) Acenaphthene	14.67	154	535777	37.184	ng	98
53) 3-Nitroaniline	14.51	138	171948	40.685	ng	94
54) 2,4-Dinitrophenol	14.71	184	75979	31.453	ng	99
55) Dibenzofuran	15.00	168	866895	40.514	ng	97
56) 4-Nitrophenol	14.85	139	119079	37.215	ng	92
57) 2,4-Dinitrotoluene	14.97	165	241046	40.033	ng	95
58) Fluorene	15.65	166	717251	40.801	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.24	232	210252	40.130	ng	99
60) Diethylphthalate	15.42	149	757800	39.516	ng	98
61) 4-Chlorophenyl-phenylether	15.64	204	417383	41.492	ng	100
62) 4-Nitroaniline	15.68	138	177499	40.230	ng	98
63) Azobenzene	15.94	77	731816	40.926	ng	98
65) 4,6-Dinitro-2-methylphenol	15.74	198	135473	37.041	ng	98
66) n-Nitrosodiphenylamine	15.86	169	625983	41.517	ng	98
67) 4-Bromophenyl-phenylether	16.53	248	291702	42.897	ng	97
68) Hexachlorobenzene	16.66	284	300526	42.254	ng	99
69) Atrazine	16.81	200	244819	39.421	ng	98
70) Pentachlorophenol	17.01	266	155479	42.101	ng	98
71) Phenanthrene	17.39	178	1125685	41.061	ng	99
72) Anthracene	17.48	178	1145152	41.595	ng	98
73) Carbazole	17.76	167	1092254	40.701	ng	99
74) Di-n-butylphthalate	18.31	149	1275126	39.588	ng	98
75) Fluoranthene	19.40	202	1382772	39.655	ng	99
77) Benzidine	19.58	184	588857	35.916	ng	99
78) Pyrene	19.76	202	1391079	41.803	ng	98
80) Butylbenzylphthalate	20.65	149	593124	41.294	ng	98
81) Benzo(a)anthracene	21.59	228	1354876	41.664	ng	98
82) 3,3'-Dichlorobenzidine	21.50	252	516324	40.477	ng	98
83) Chrysene	21.66	228	1307127	41.803	ng	99
84) Bis(2-ethylhexyl)phthalate	21.50	149	825196	41.794	ng	99
85) Di-n-octyl phthalate	22.69	149	1419000	41.845	ng	100
86) Indeno(1,2,3-cd)pyrene	28.32	276	1765144	43.169	ng	# 60
88) Benzo(b)fluoranthene	23.76	252	1492127	42.048	ng	99
89) Benzo(k)fluoranthene	23.83	252	1401228	42.030	ng	99
90) Benzo(a)pyrene	24.61	252	1404238	42.489	ng	96
91) Dibenzo(a,h)anthracene	28.39	278	1399880	42.151	ng	100
92) Benzo(g,h,i)perylene	29.45	276	1410621	42.469	ng	96

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

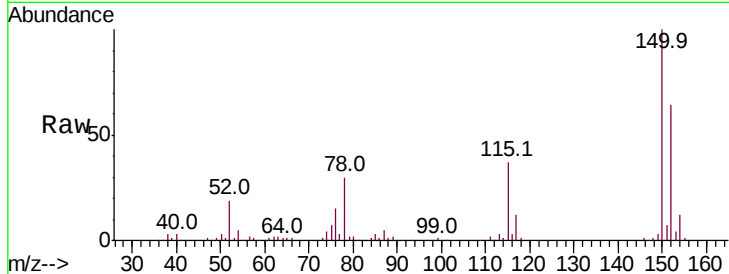


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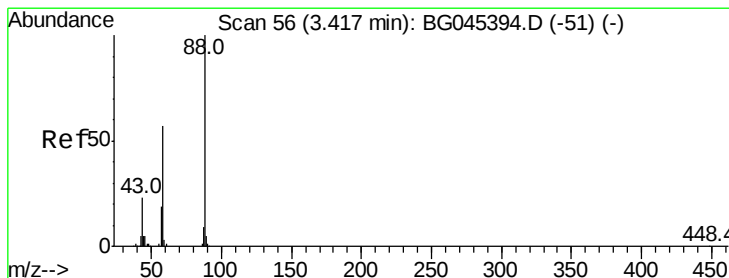
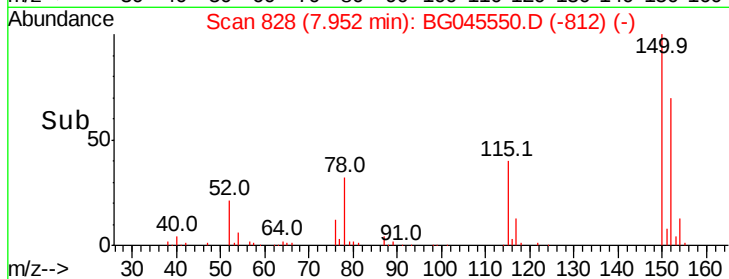
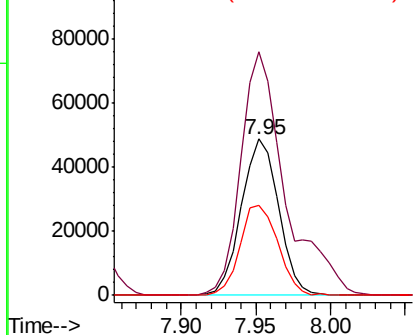
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.01 min
Lab File: BG045550.D
Acq: 30 May 2020 11:22

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 84671
Ion Ratio Lower Upper
152 100
150 155.6 122.4 183.6
115 57.7 44.2 66.4



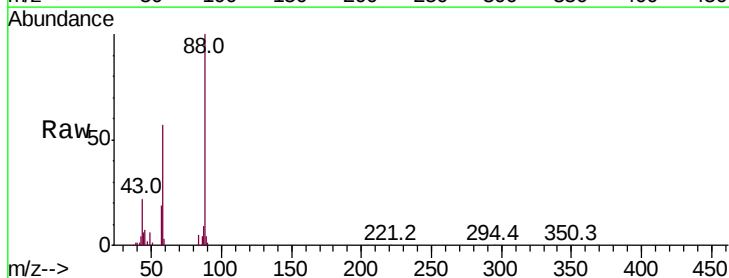
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



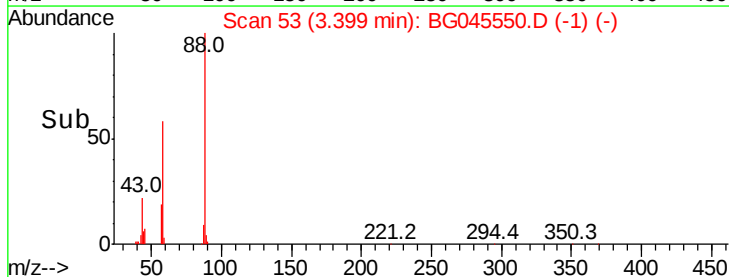
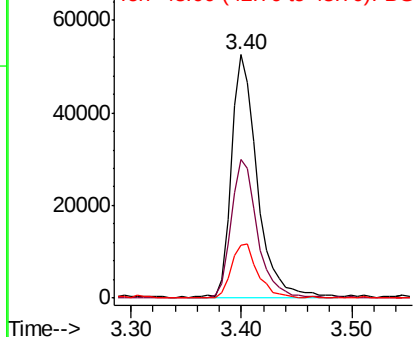
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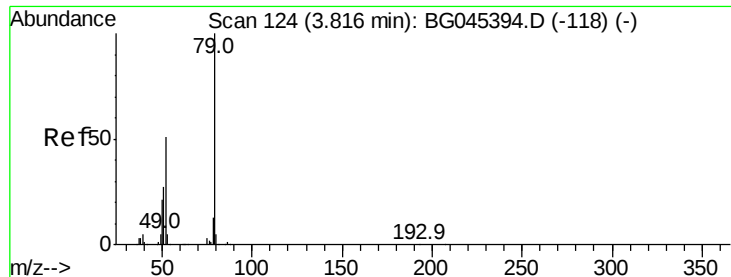
1,4-Dioxane
Concen: 40.509 ng
RT: 3.40 min Scan# 53
Delta R.T. -0.01 min
Lab File: BG045550.D
Acq: 30 May 2020 11:22

Tgt Ion: 88 Resp: 87033
Ion Ratio Lower Upper
88 100
58 57.5 45.7 68.5
43 22.5 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: 42.022 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.01 min

Lab File: BG045550.D

Acq: 30 May 2020 11:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

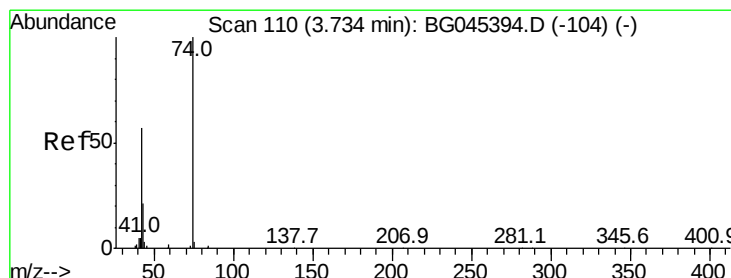
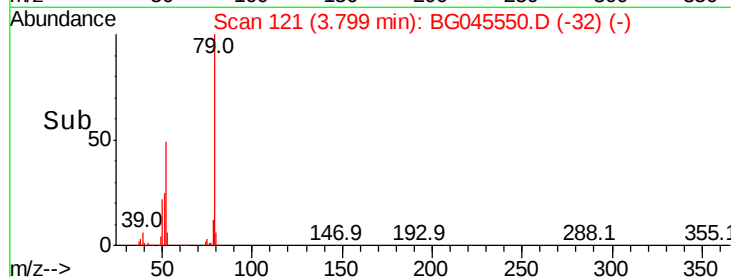
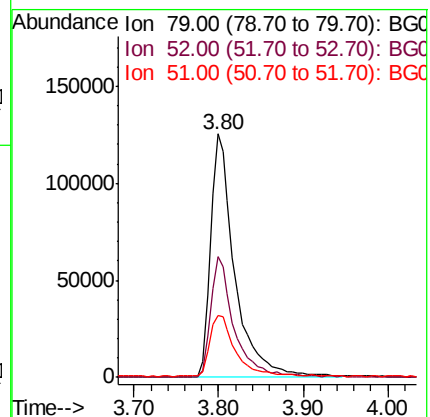
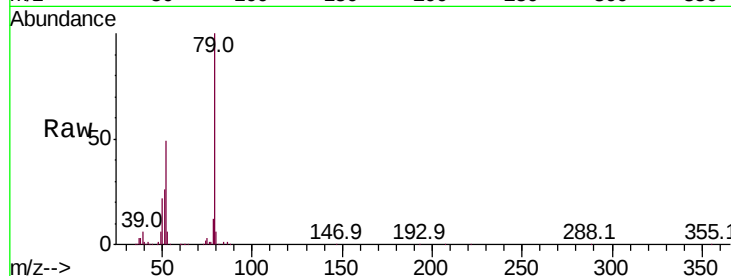
Tot Ion: 79 Resp: 251445

Ion Ratio Lower Upper

79 100

52 49.4 40.8 61.2

51 25.6 21.9 32.9



#4

n-Nitrosodimethylamine

Concen: 43.493 ng

RT: 3.72 min Scan# 107

Delta R.T. -0.00 min

Lab File: BG045550.D

Acq: 30 May 2020 11:22

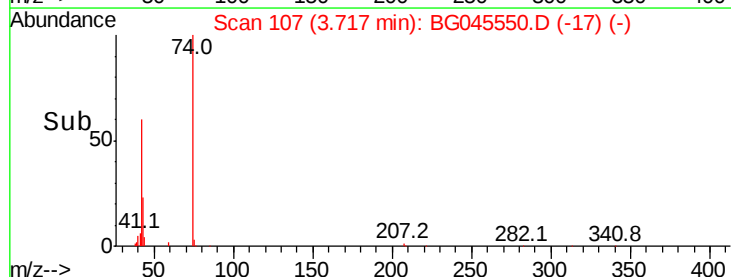
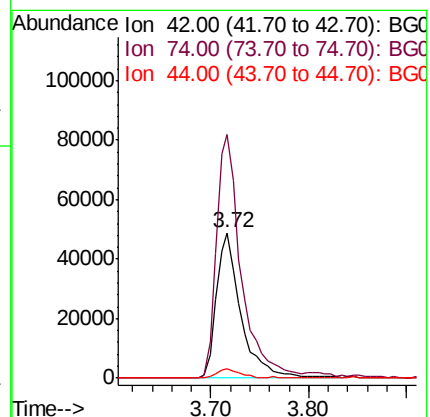
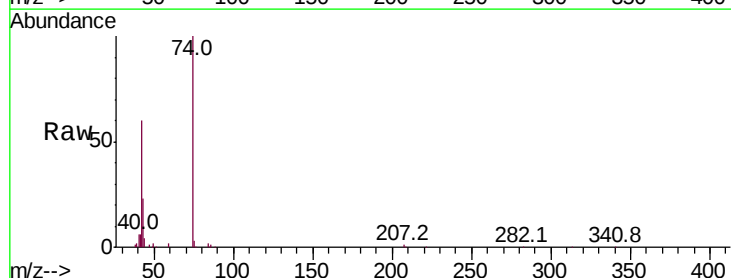
Tgt Ion: 42 Resp: 85160

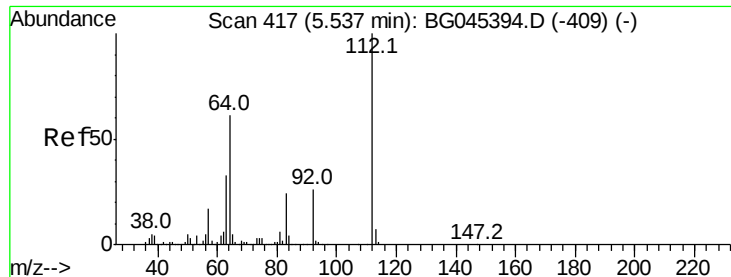
Ion Ratio Lower Upper

42 100

74 167.2 141.3 211.9

44 6.2 4.2 6.4





#5

2-Fluorophenol

Concen: 86.163 ng

RT: 5.54 min Scan# 418

Delta R.T. -0.01 min

Lab File: BG045550.D

Acq: 30 May 2020 11:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

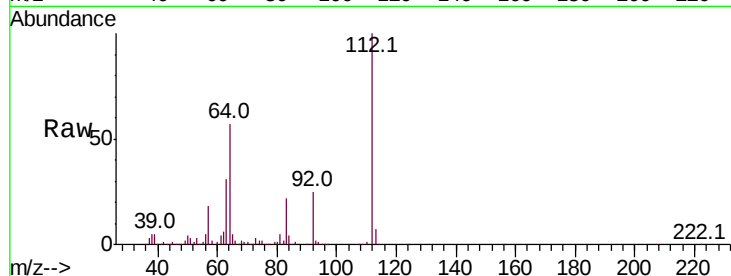
Tot Ion:112 Resp: 373306

Ion Ratio Lower Upper

112 100

64 56.8 48.6 72.8

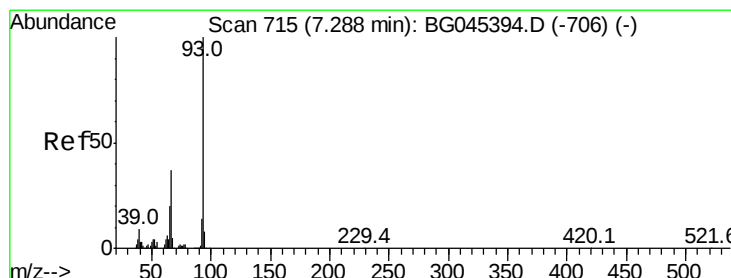
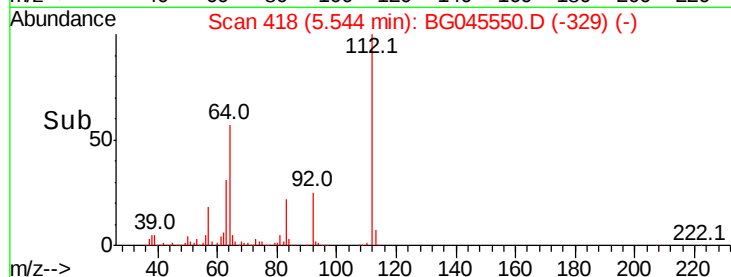
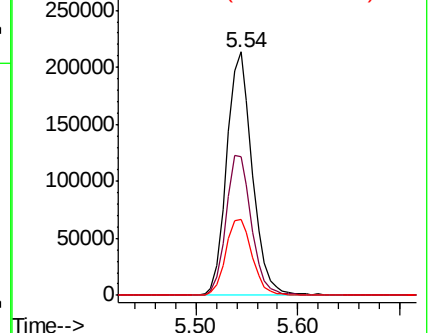
63 31.4 26.5 39.7



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: 42.820 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.01 min

Lab File: BG045550.D

Acq: 30 May 2020 11:22

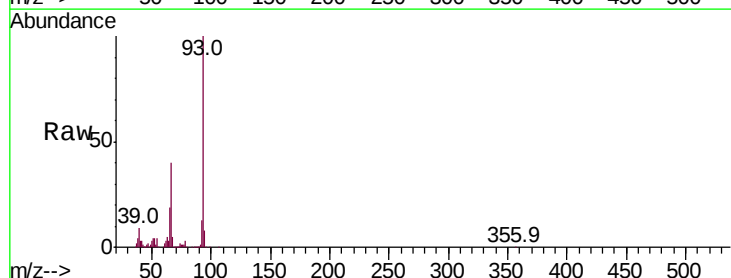
Tgt Ion: 93 Resp: 344698

Ion Ratio Lower Upper

93 100

66 40.2 29.6 44.4

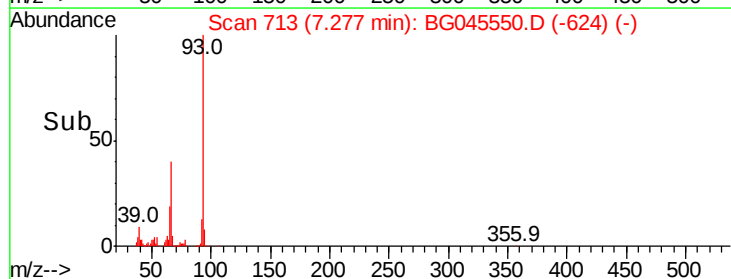
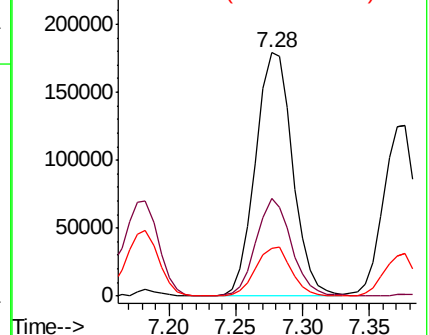
65 19.5 15.9 23.9

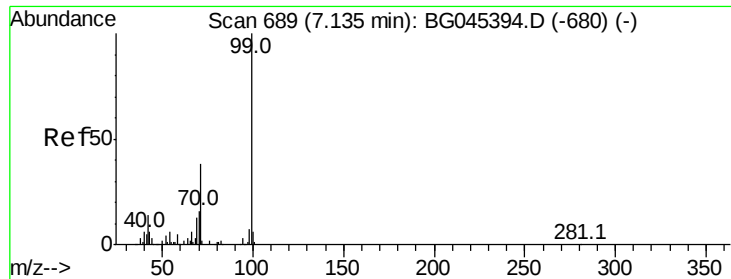


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 89.400 ng

RT: 7.15 min Scan# 692

Delta R.T. -0.01 min

Lab File: BG045550.D

Acq: 30 May 2020 11:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

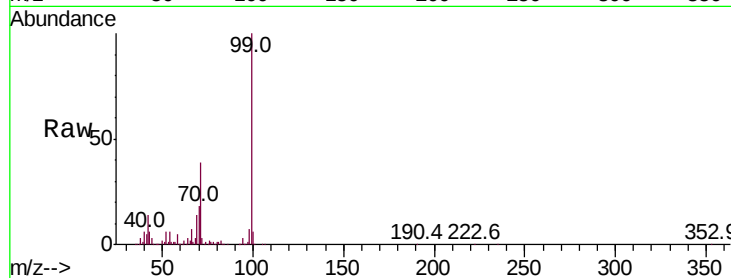
Tot Ion: 99 Resp: 551288

Ion Ratio Lower Upper

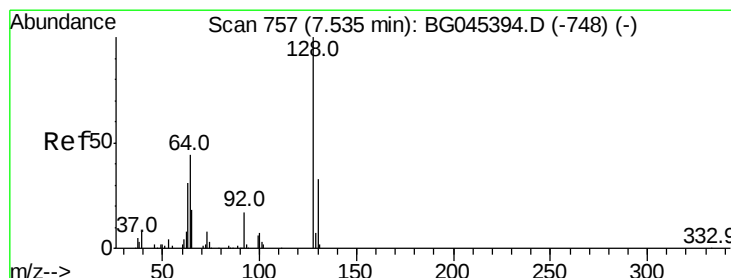
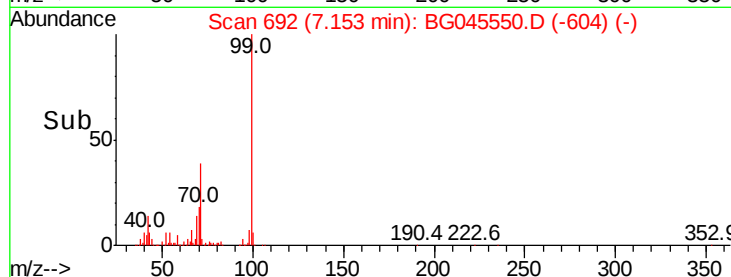
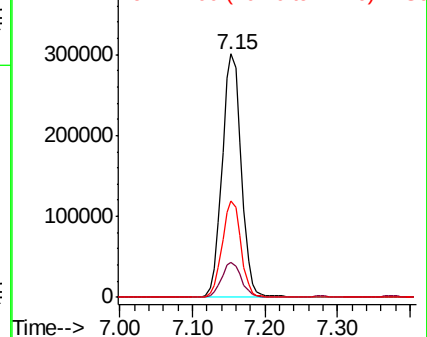
99 100

42 14.5 11.3 16.9

71 39.5 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: 43.140 ng

RT: 7.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BG045550.D

Acq: 30 May 2020 11:22

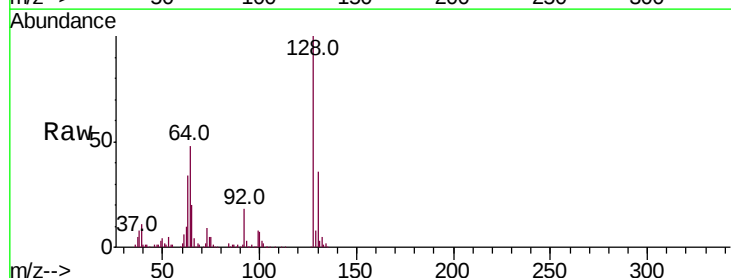
Tgt Ion: 128 Resp: 204966

Ion Ratio Lower Upper

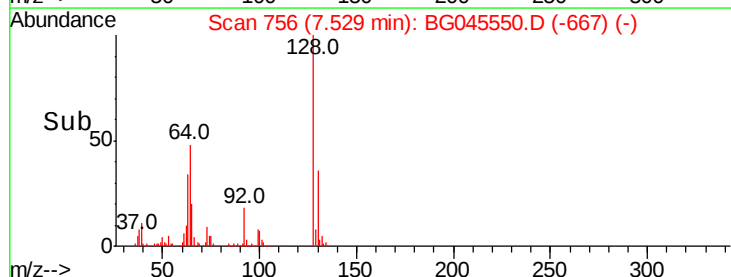
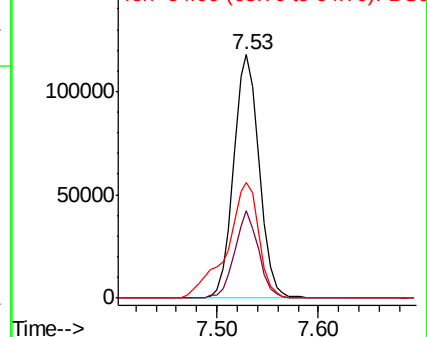
128 100

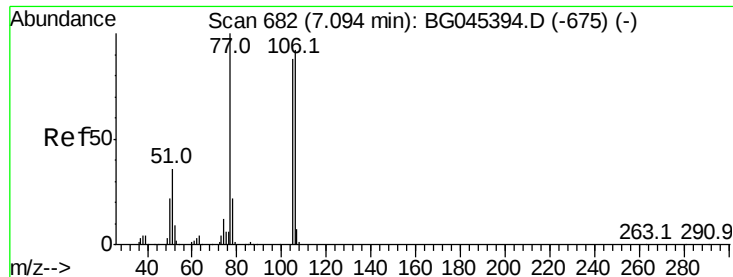
130 36.2 12.6 52.6

64 47.7 27.0 67.0



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





#9

Benzaldehyde

Concen: 41.251 ng

RT: 7.08 min Scan# 680

Delta R.T. -0.01 min

Lab File: BG045550.D

Acq: 30 May 2020 11:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

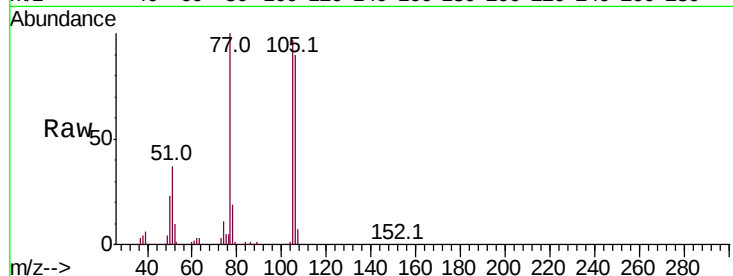
Tot Ion: 77 Resp: 165734

Ion Ratio Lower Upper

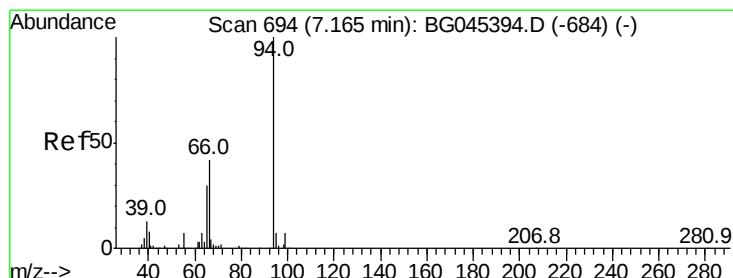
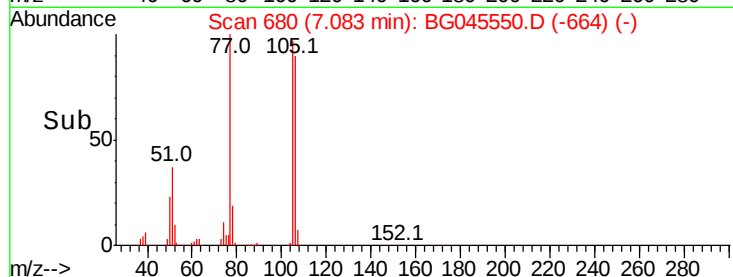
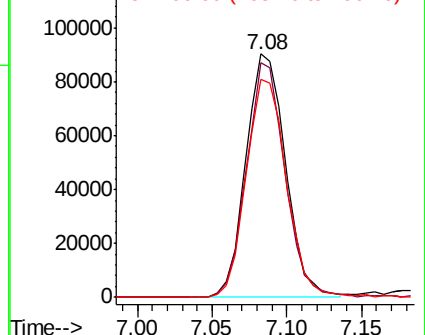
77 100

105 96.6 68.5 108.5

106 89.5 71.6 111.6



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



#10

Phenol

Concen: 44.285 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG045550.D

Acq: 30 May 2020 11:22

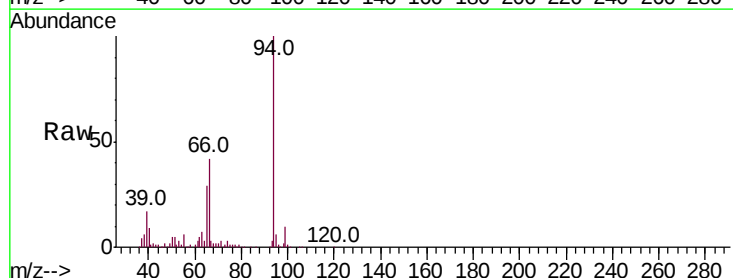
Tgt Ion: 94 Resp: 281450

Ion Ratio Lower Upper

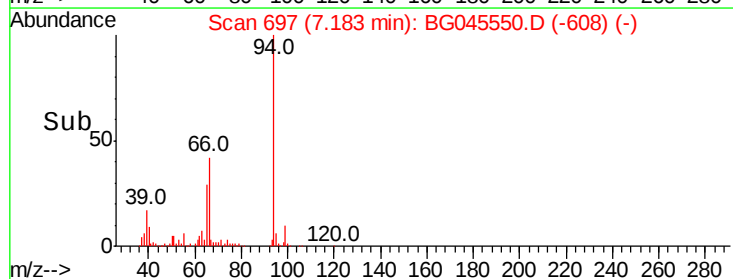
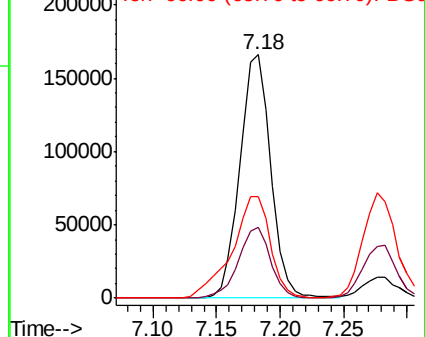
94 100

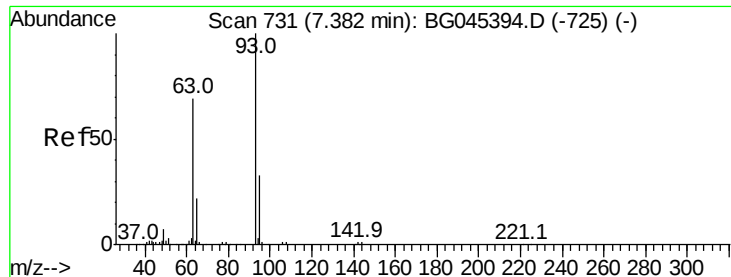
65 28.8 9.8 49.8

66 42.0 22.0 62.0



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

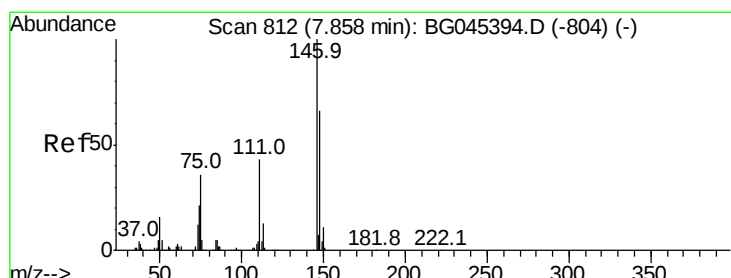
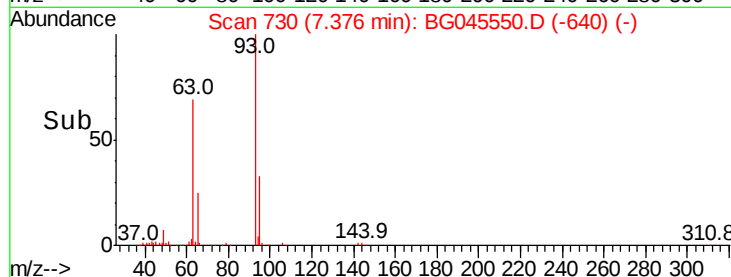
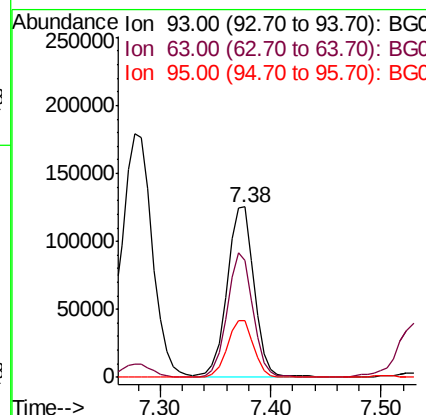
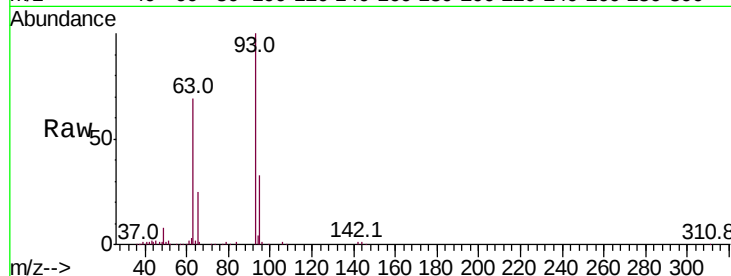




#11
bis(2-Chloroethyl)ether
Concen: 43.776 ng
RT: 7.38 min Scan# 730
Delta R.T. -0.00 min
Lab File: BG045550.D
Acq: 30 May 2020 11:22

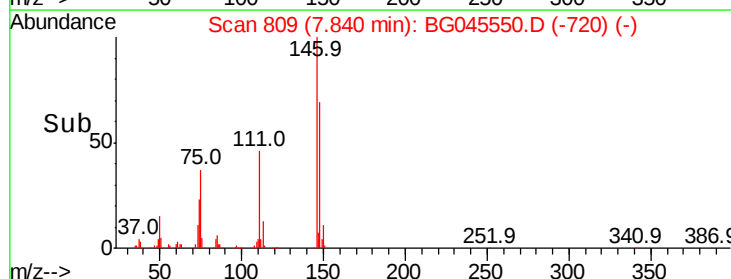
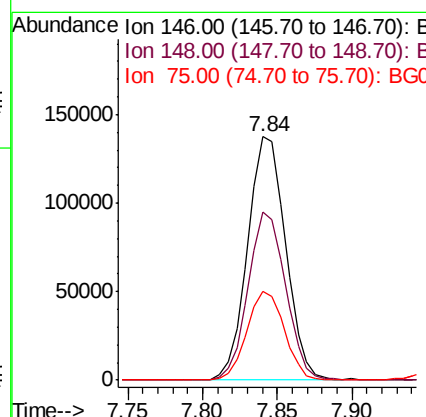
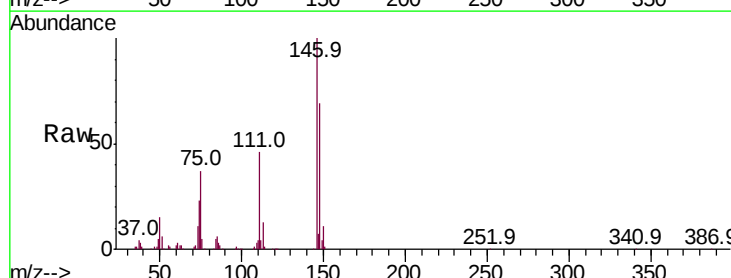
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

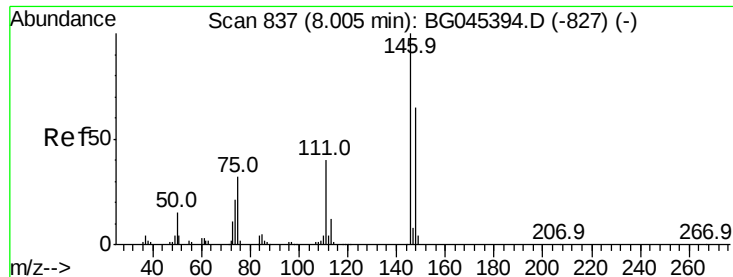
Tot Ion: 93 Resp: 217011
Ion Ratio Lower Upper
93 100
63 68.7 48.4 88.4
95 33.4 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 42.328 ng
RT: 7.84 min Scan# 809
Delta R.T. -0.01 min
Lab File: BG045550.D
Acq: 30 May 2020 11:22

Tgt Ion: 146 Resp: 241676
Ion Ratio Lower Upper
146 100
148 68.9 53.2 79.8
75 36.7 28.6 43.0





#13

1,4-Dichlorobenzene

Concen: 42.903 ng

RT: 7.99 min Scan# 834

Delta R.T. -0.01 min

Lab File: BG045550.D

Acq: 30 May 2020 11:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

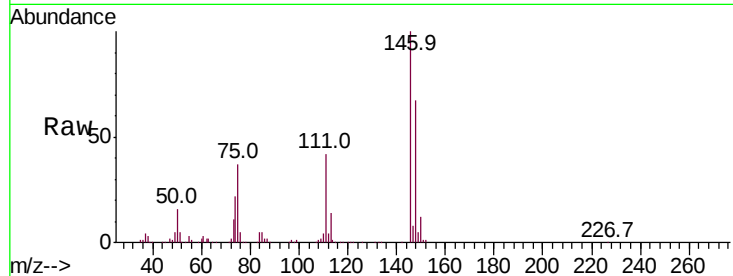
Tot Ion:146 Resp: 241742

Ion Ratio Lower Upper

146 100

148 66.6 51.8 77.8

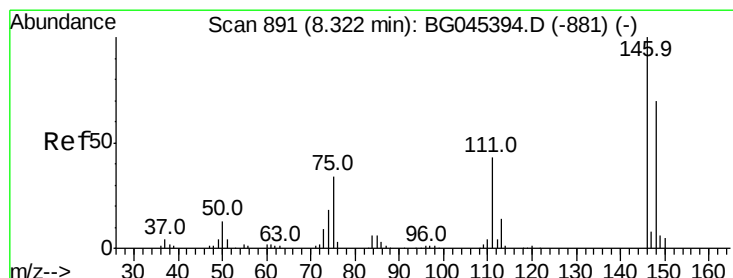
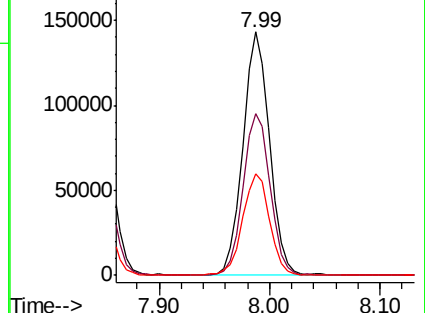
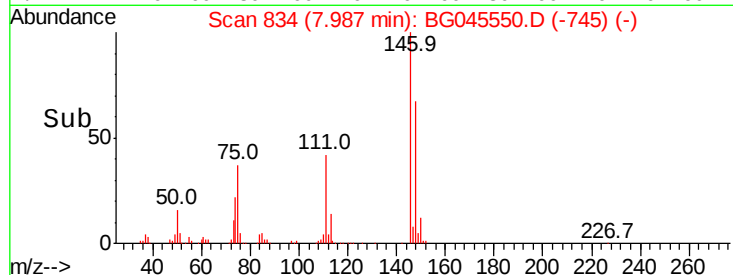
111 41.6 32.1 48.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.179 ng

RT: 8.30 min Scan# 888

Delta R.T. -0.01 min

Lab File: BG045550.D

Acq: 30 May 2020 11:22

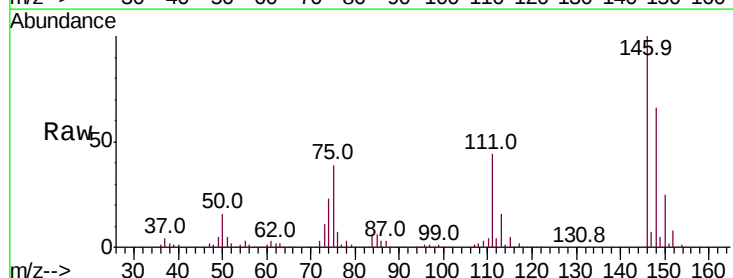
Tgt Ion:146 Resp: 228585

Ion Ratio Lower Upper

146 100

148 65.7 55.9 83.9

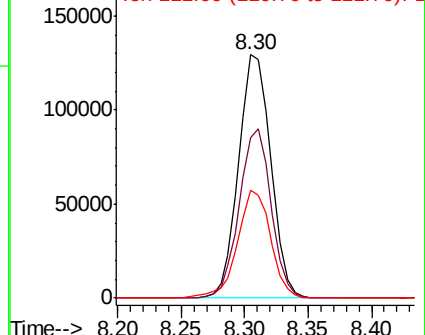
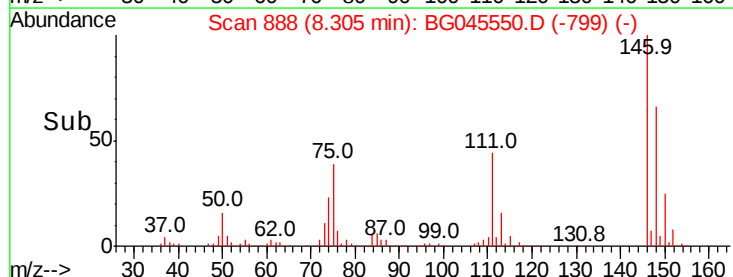
111 44.2 35.0 52.4

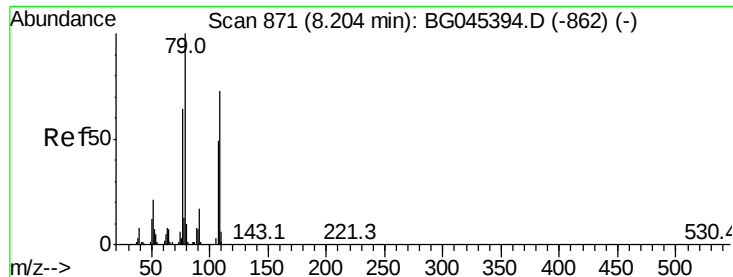


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.303 ng

RT: 8.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BG045550.D

Acq: 30 May 2020 11:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

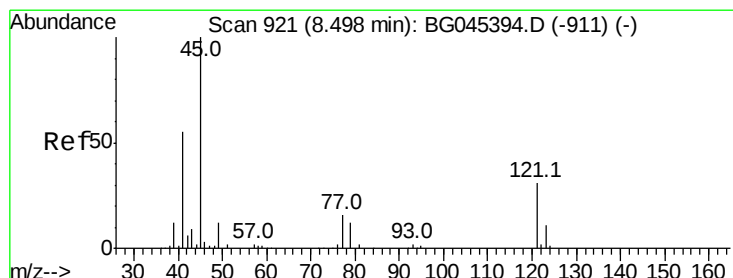
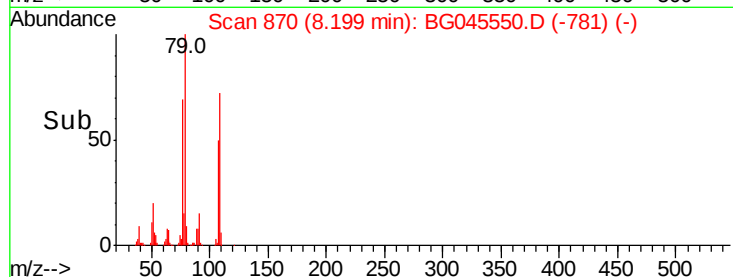
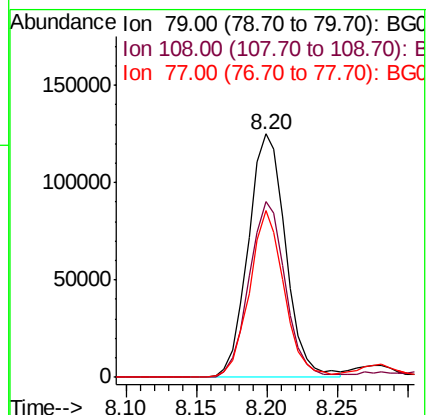
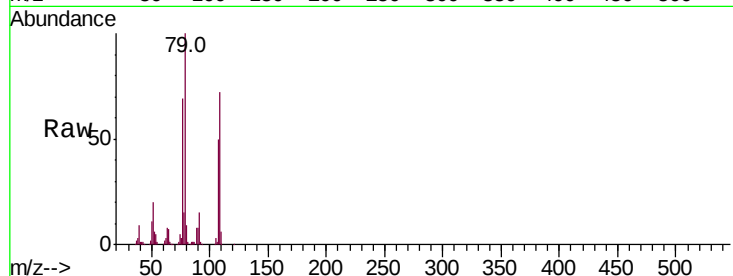
Tot Ion: 79 Resp: 230781

Ion Ratio Lower Upper

79 100

108 72.0 58.2 87.4

77 68.7 51.0 76.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.252 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.01 min

Lab File: BG045550.D

Acq: 30 May 2020 11:22

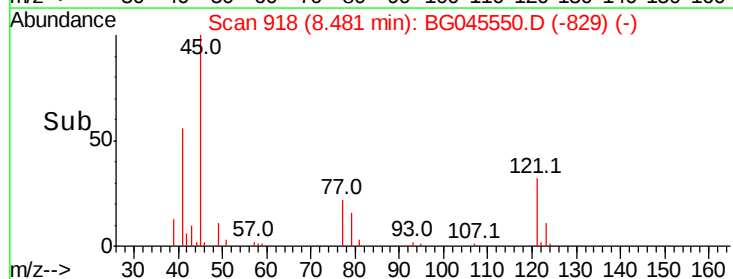
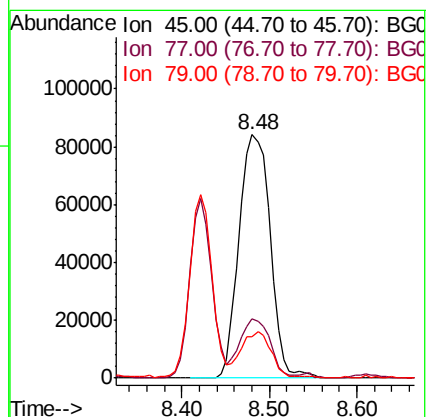
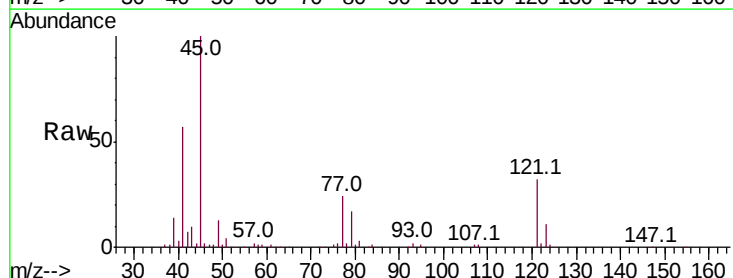
Tgt Ion: 45 Resp: 203524

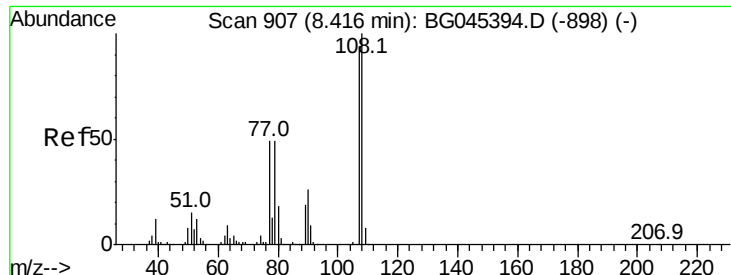
Ion Ratio Lower Upper

45 100

77 24.2 4.0 44.0

79 17.0 0.0 38.6





#17

2-Methylphenol

Concen: 44.187 ng

RT: 8.42 min Scan# 908

Delta R.T. -0.01 min

Lab File: BG045550.D

Acq: 30 May 2020 11:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 210199

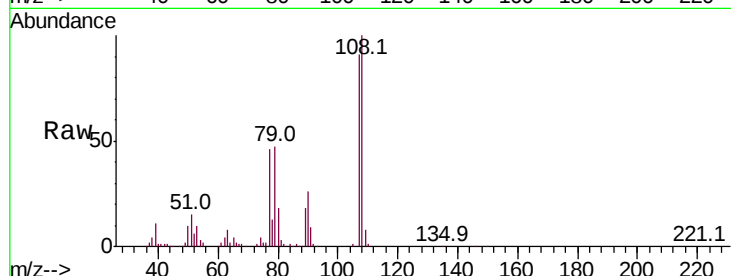
Ion Ratio Lower Upper

107 100

108 110.4 85.2 127.8

77 50.9 41.6 62.4

79 52.0 41.8 62.8

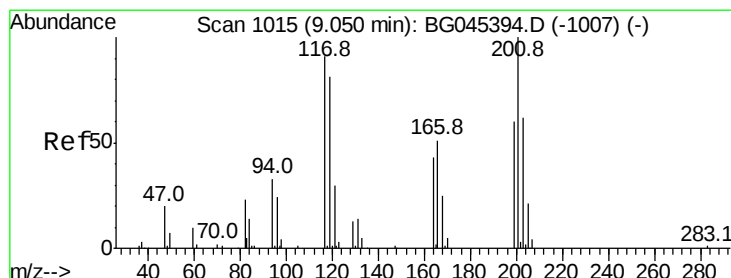
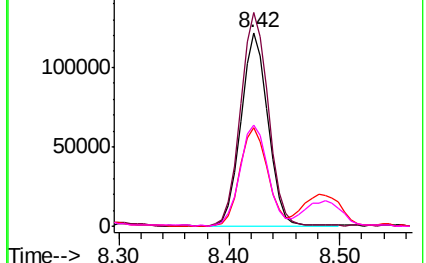
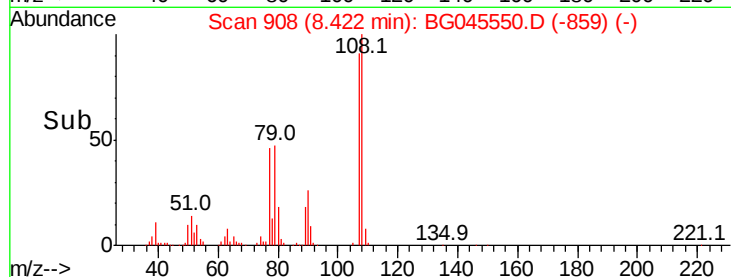


Abundance Ion 107.00 (106.70 to 107.70): E

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: 42.304 ng

RT: 9.04 min Scan# 1013

Delta R.T. -0.00 min

Lab File: BG045550.D

Acq: 30 May 2020 11:22

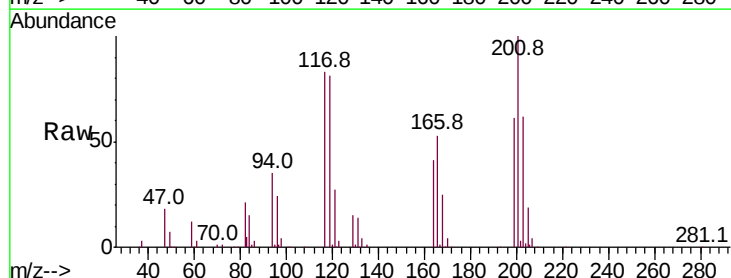
Tgt Ion:117 Resp: 91292

Ion Ratio Lower Upper

117 100

119 97.1 71.3 106.9

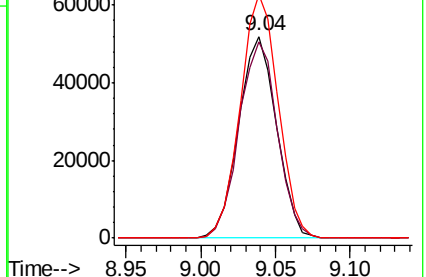
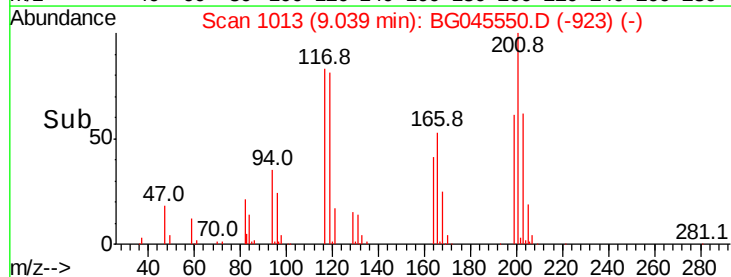
201 120.5 87.5 131.3

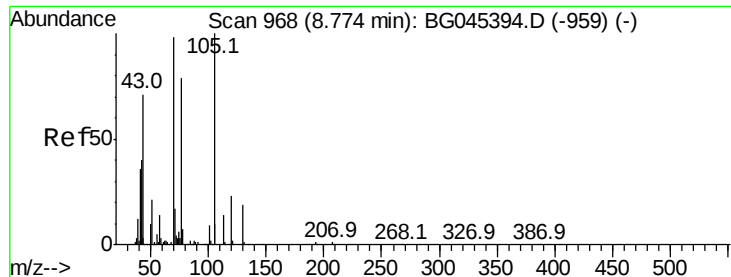


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

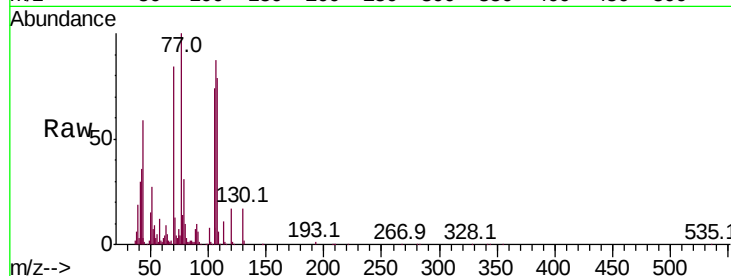




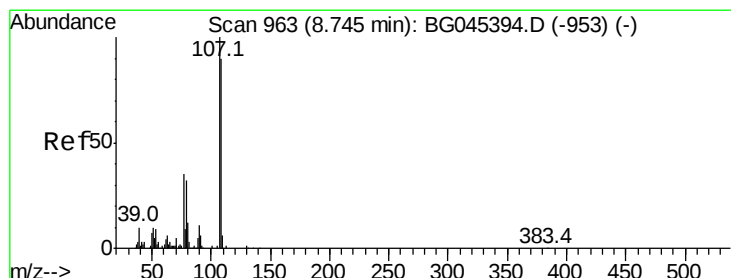
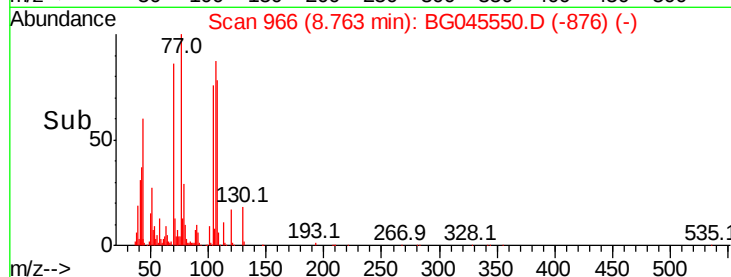
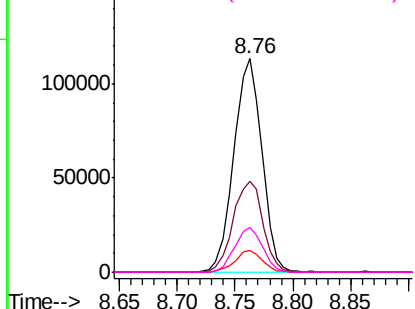
#19
n-Nitroso-di-n-propylamine
Concen: 44.674 ng
RT: 8.76 min Scan# 966
Delta R.T. -0.00 min
Lab File: BG045550.D
Acq: 30 May 2020 11:22

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	70	Resp:	190499
Ion	Ratio	Lower	Upper
70	100		
42	42.8	33.2	49.8
101	10.0	7.8	11.6
130	20.8	15.4	23.2

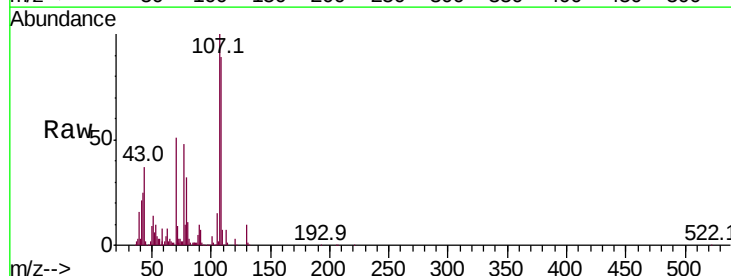


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

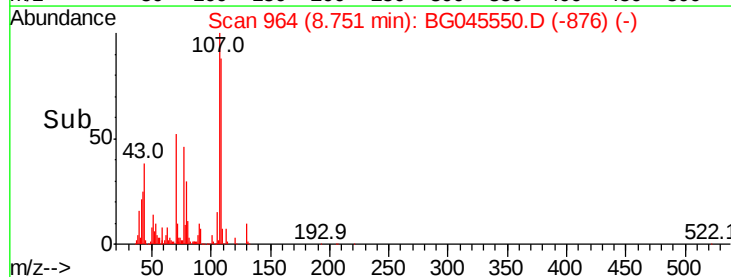
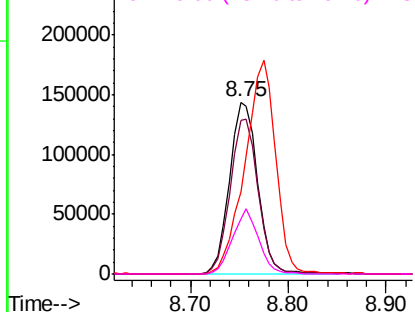


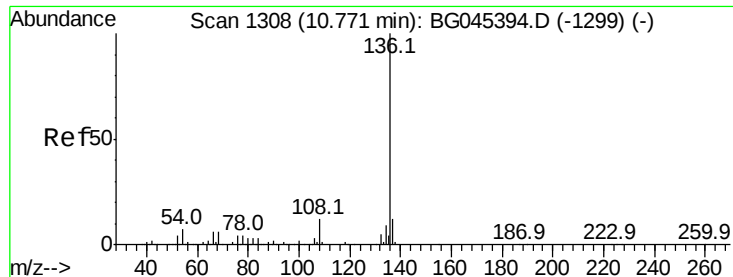
#20
3+4-Methylphenols
Concen: 44.538 ng
RT: 8.75 min Scan# 964
Delta R.T. -0.01 min
Lab File: BG045550.D
Acq: 30 May 2020 11:22

Tgt Ion:	107	Resp:	288509
Ion	Ratio	Lower	Upper
107	100		
108	89.2	70.3	110.3
77	47.7	15.4	55.4
79	32.4	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: 10.76 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BG045550.D

Acq: 30 May 2020 11:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 359378

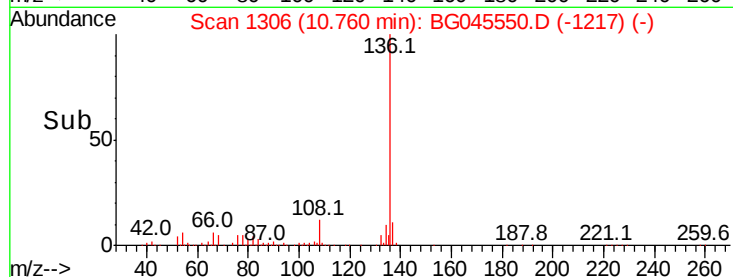
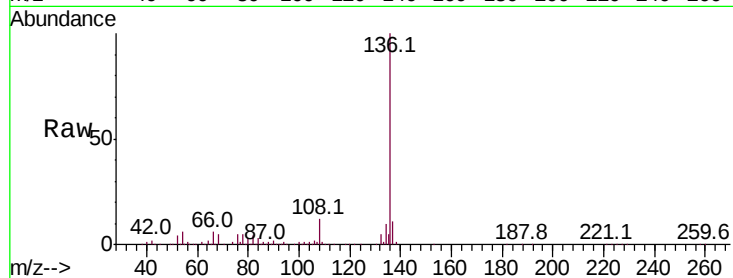
Ion Ratio Lower Upper

136 100

137 11.4 9.4 14.2

54 6.0 5.8 8.6

68 5.5 4.5 6.7

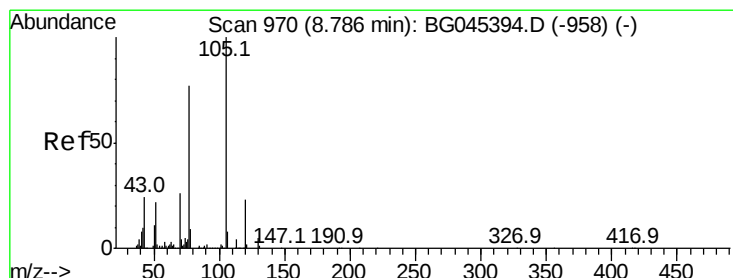
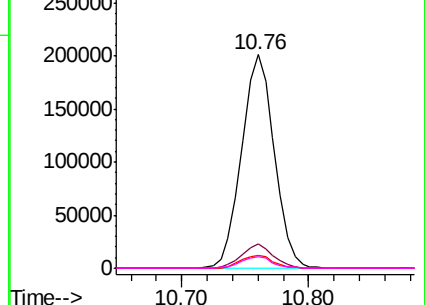


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 40.808 ng

RT: 8.77 min Scan# 968

Delta R.T. -0.01 min

Lab File: BG045550.D

Acq: 30 May 2020 11:22

Tgt Ion:105 Resp: 347588

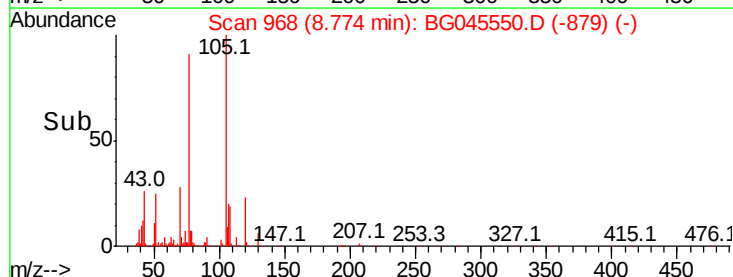
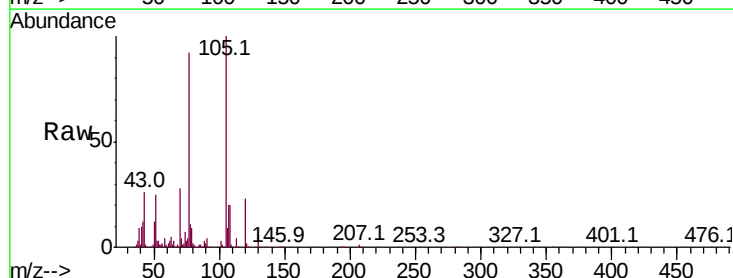
Ion Ratio Lower Upper

105 100

71 4.5 3.4 5.0

51 25.2 18.2 27.2

120 23.0 18.6 27.8

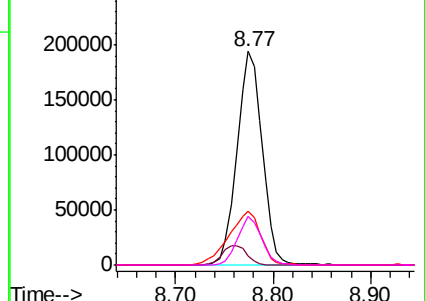


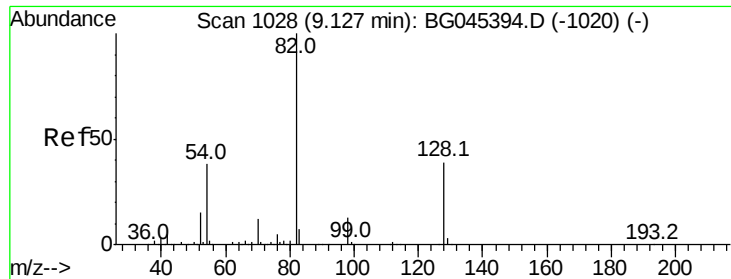
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

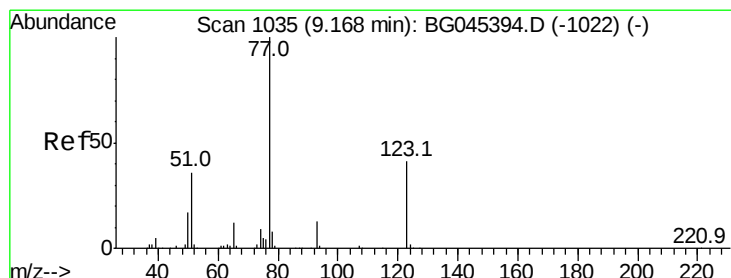
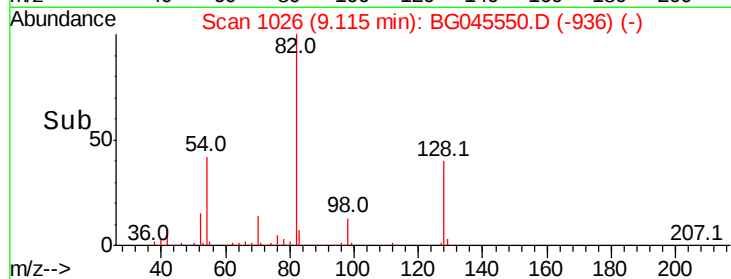
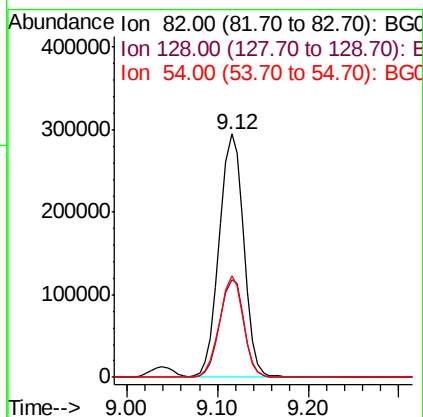
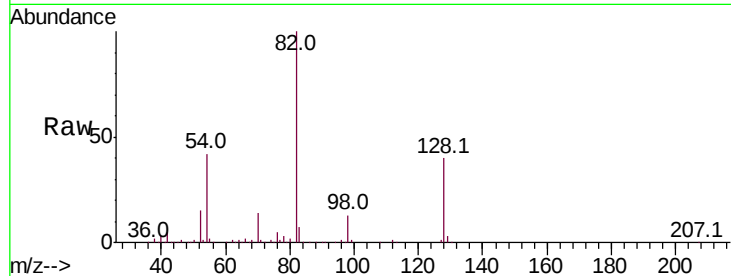




#23
 Nitrobenzene-d5
 Concen: 83.737 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BG045550.D
 Acq: 30 May 2020 11:22

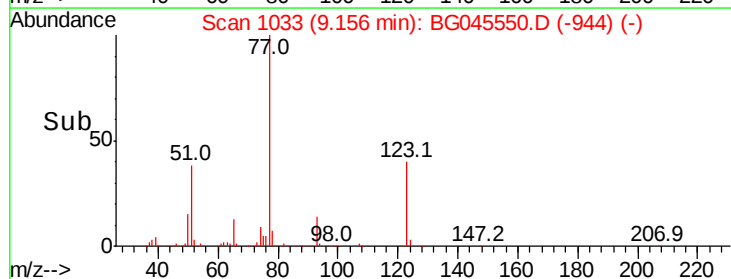
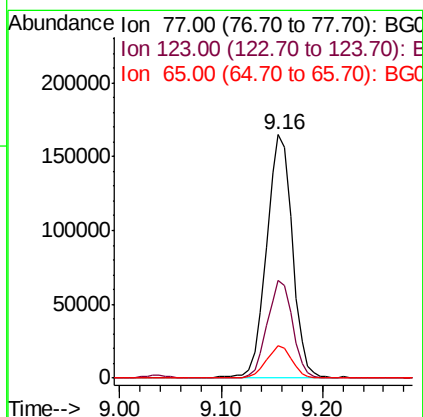
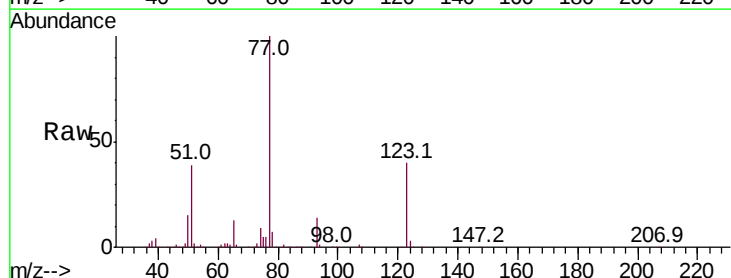
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

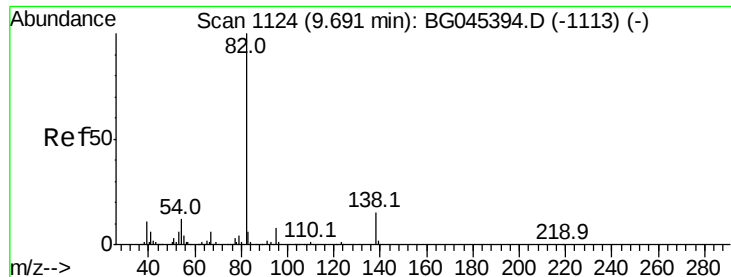
Tot Ion	82	Resp	551853
Ion Ratio	Lower	Upper	
82	100		
128	40.2	30.9	46.3
54	41.5	30.3	45.5



#24
 Nitrobenzene
 Concen: 41.399 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BG045550.D
 Acq: 30 May 2020 11:22

Tgt Ion	77	Resp	292310
Ion Ratio	Lower	Upper	
77	100		
123	39.9	32.9	49.3
65	13.2	9.4	14.2





#25

Isophorone

Concen: 41.452 ng

RT: 9.69 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BG045550.D

Acq: 30 May 2020 11:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

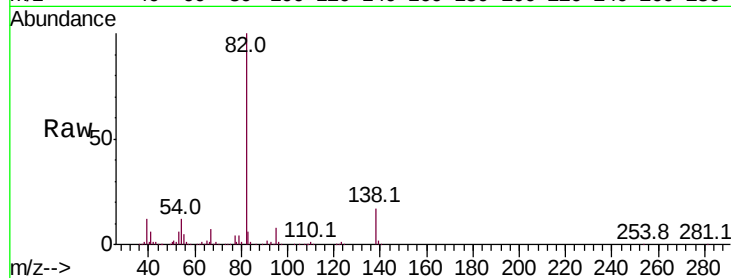
Tot Ion: 82 Resp: 537996

Ion Ratio Lower Upper

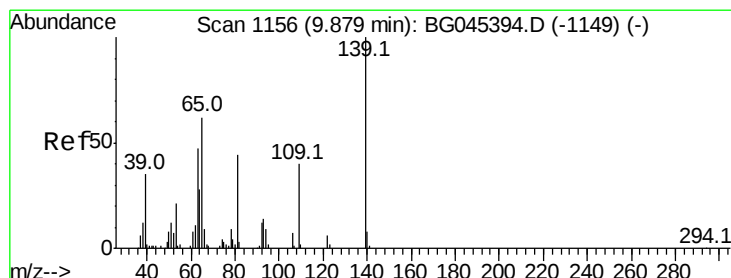
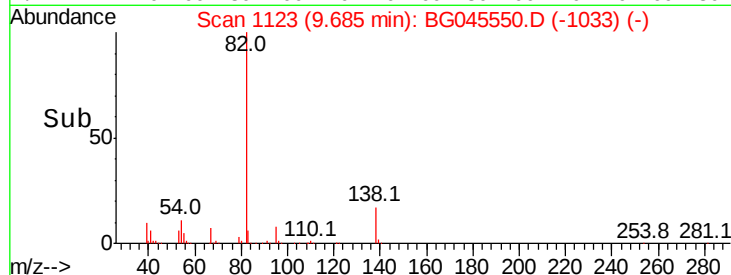
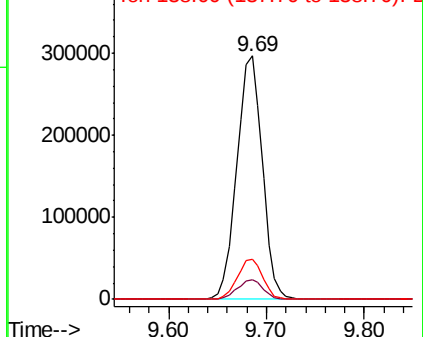
82 100

95 8.1 6.7 10.1

138 16.6 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: 42.032 ng

RT: 9.87 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BG045550.D

Acq: 30 May 2020 11:22

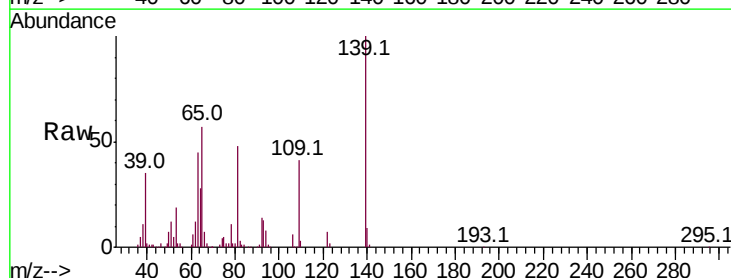
Tgt Ion: 139 Resp: 126956

Ion Ratio Lower Upper

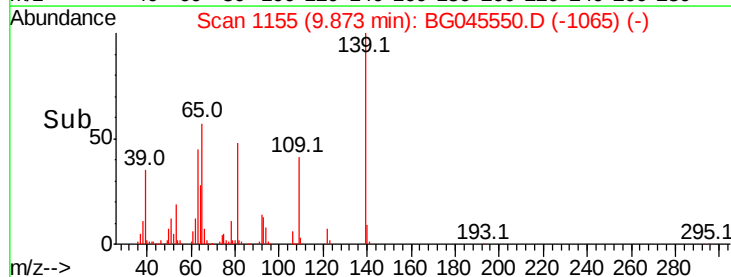
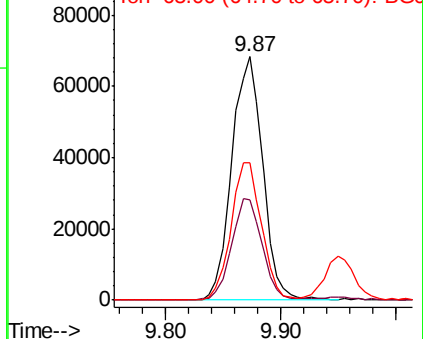
139 100

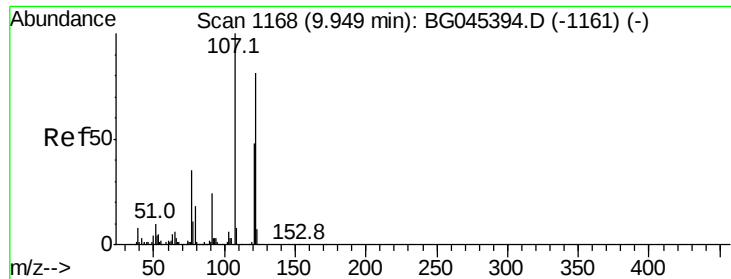
109 41.1 32.2 48.4

65 56.5 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

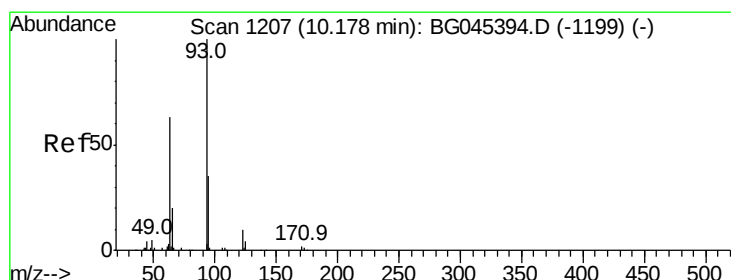
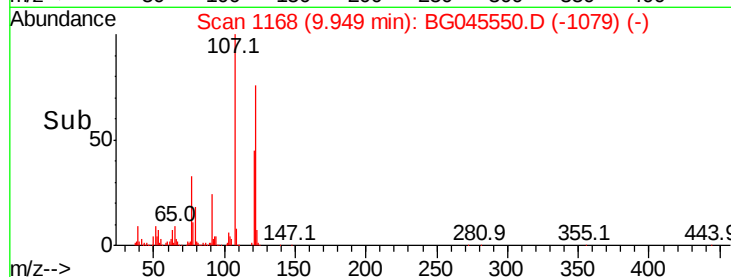
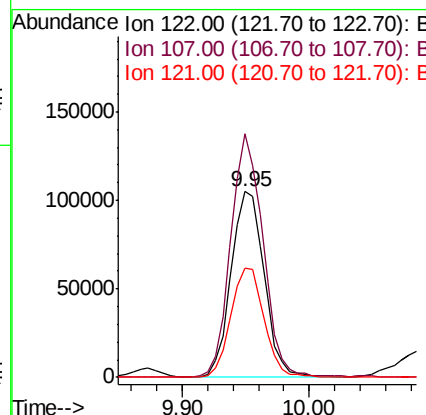
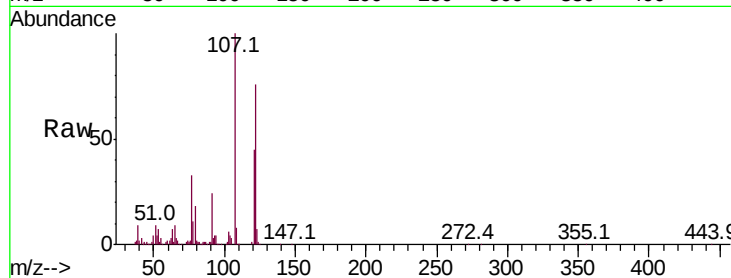




#27
 2,4-Dimethylphenol
 Concen: 42.426 ng
 RT: 9.95 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BG045550.D
 Acq: 30 May 2020 11:22

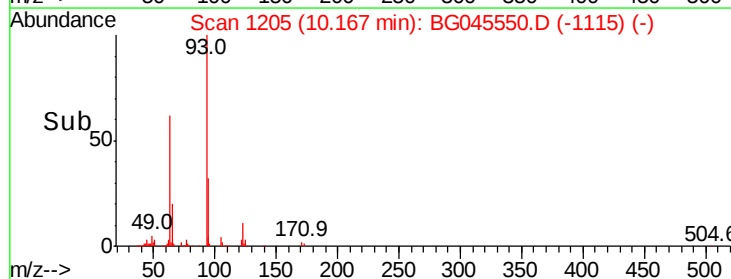
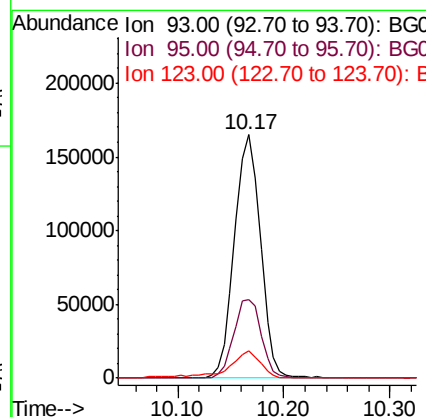
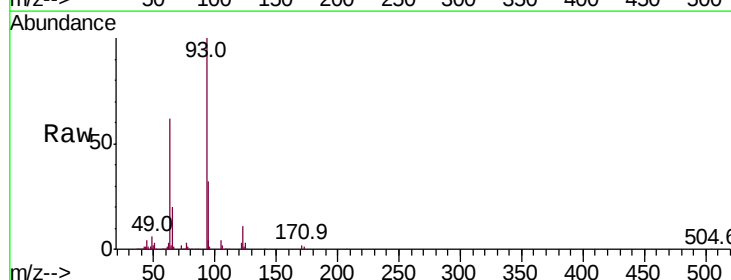
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

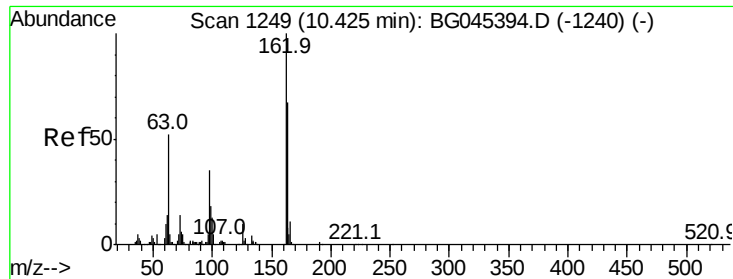
Tot Ion	Ratio	Lower	Upper
122	100		
107	131.1	99.0	148.4
121	58.8	47.7	71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.355 ng
 RT: 10.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BG045550.D
 Acq: 30 May 2020 11:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	27.6	41.4
123	11.1	8.1	12.1





#29

2,4-Dichlorophenol

Concen: 43.466 ng

RT: 10.43 min Scan# 1249

Delta R.T. -0.01 min

Lab File: BG045550.D

Acq: 30 May 2020 11:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

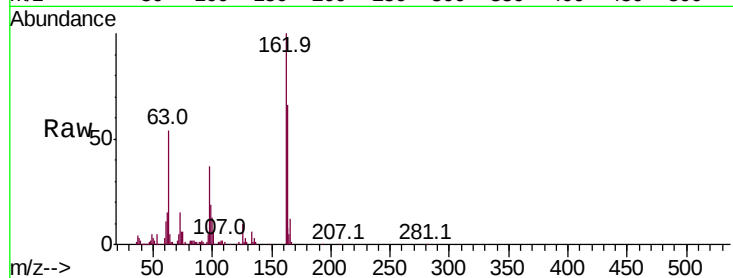
Tot Ion:162 Resp: 229942

Ion Ratio Lower Upper

162 100

164 66.0 46.8 86.8

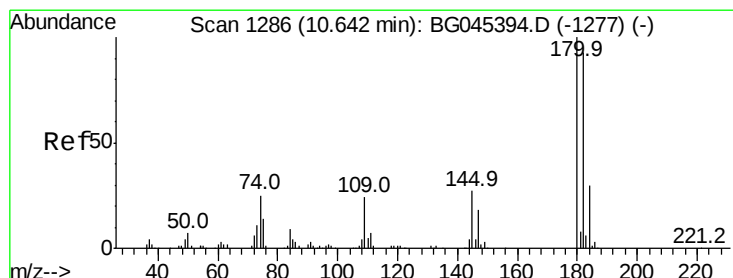
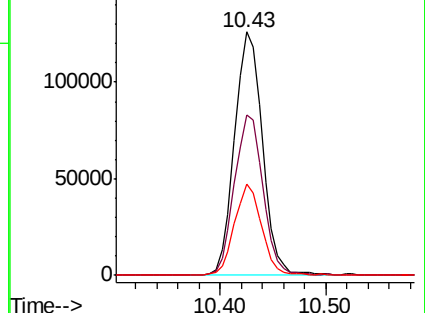
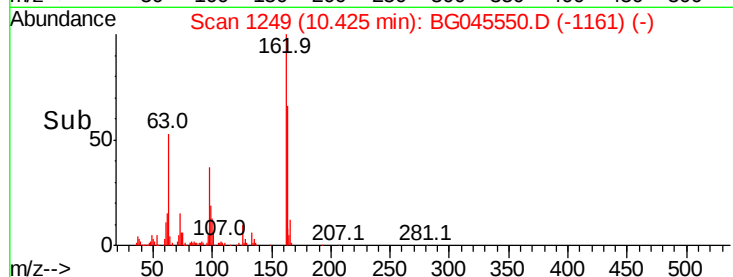
98 37.3 15.2 55.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 41.873 ng

RT: 10.62 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BG045550.D

Acq: 30 May 2020 11:22

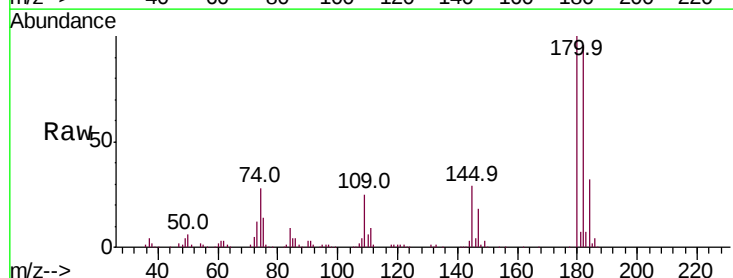
Tgt Ion:180 Resp: 261752

Ion Ratio Lower Upper

180 100

182 95.8 74.8 112.2

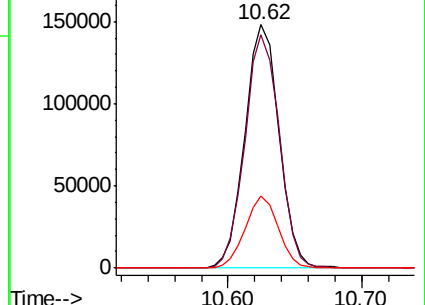
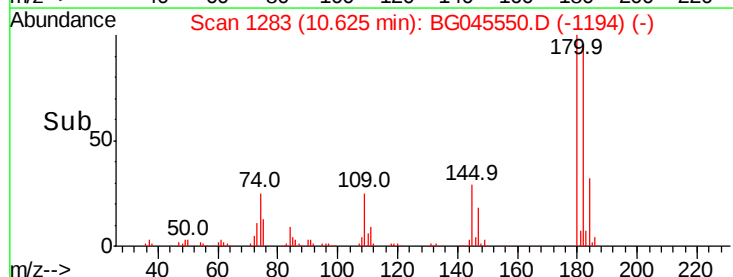
145 29.4 21.9 32.9

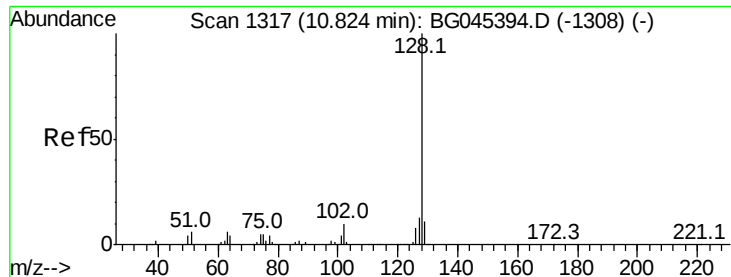


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

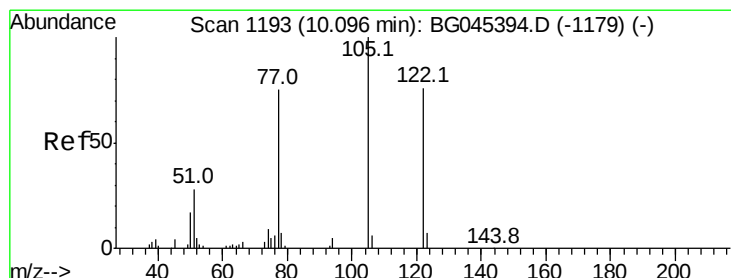
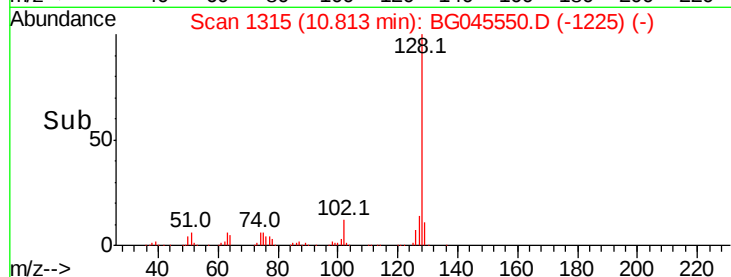
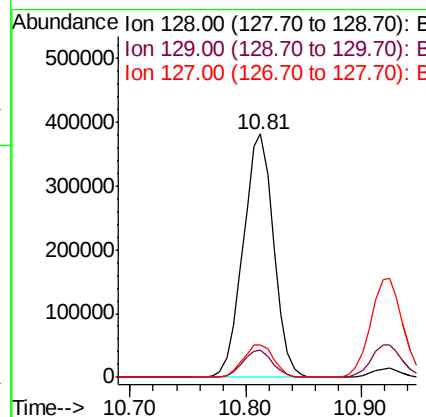
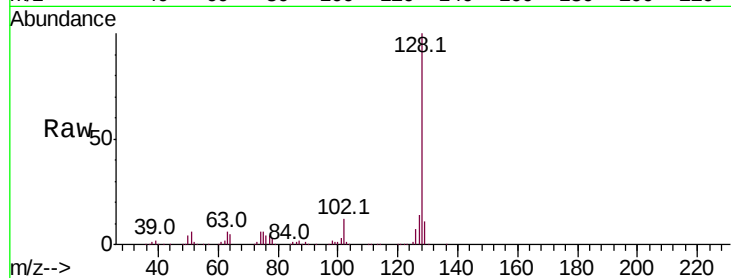




#31
Naphthalene
Concen: 41.544 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG045550.D
Acq: 30 May 2020 11:22

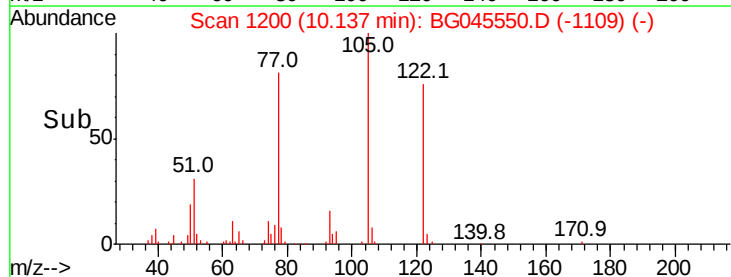
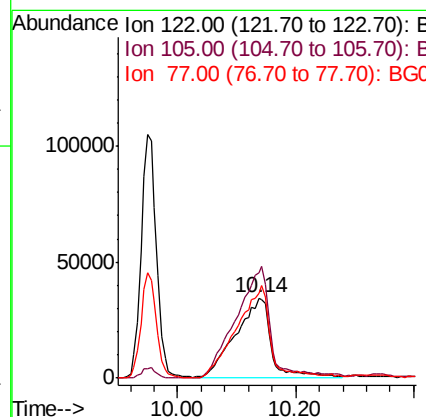
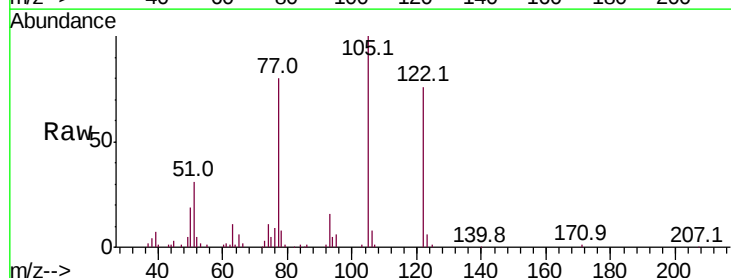
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

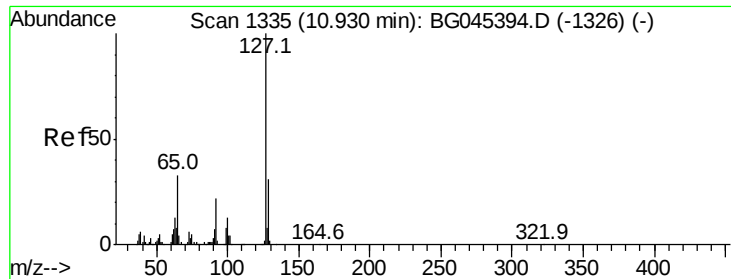
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	13.5	10.7	16.1



#32
Benzoic acid
Concen: 46.466 ng
RT: 10.14 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BG045550.D
Acq: 30 May 2020 11:22

Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.9	107.9	147.9
77	105.9	78.9	118.9

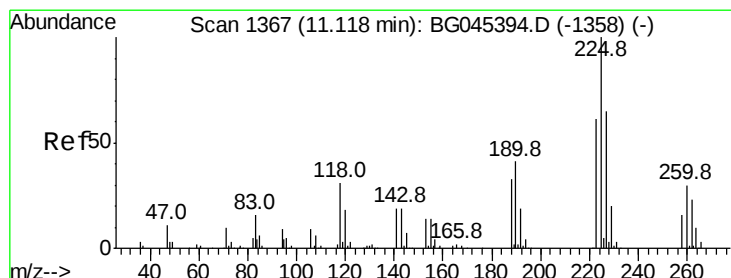
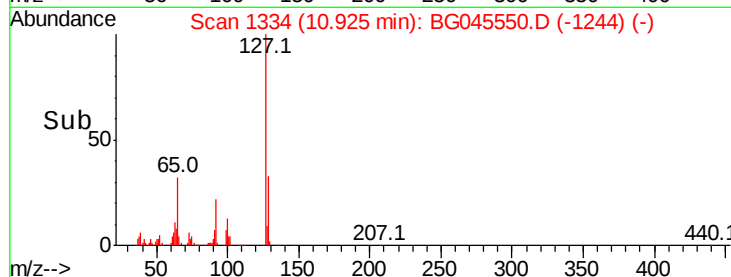
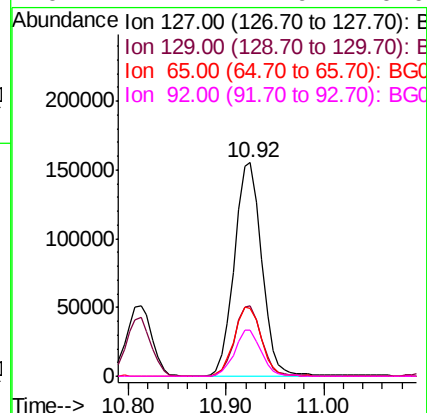
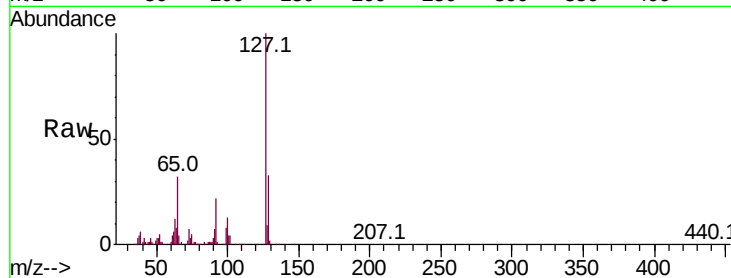




#33
4-Chloroaniline
Concen: 43.217 ng
RT: 10.92 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BG045550.D
Acq: 30 May 2020 11:22

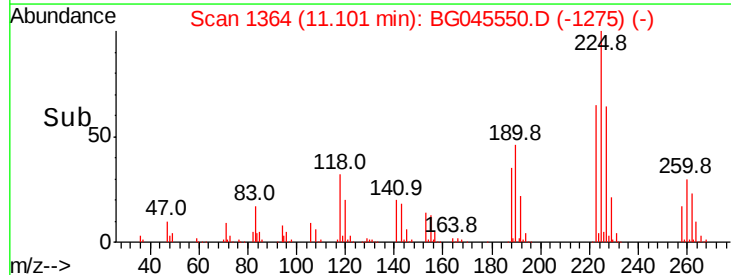
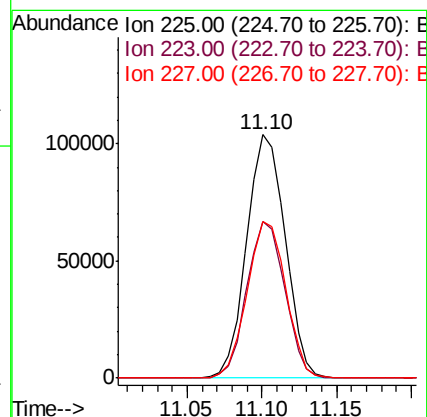
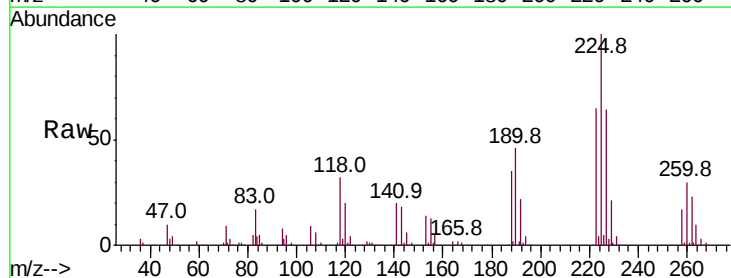
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

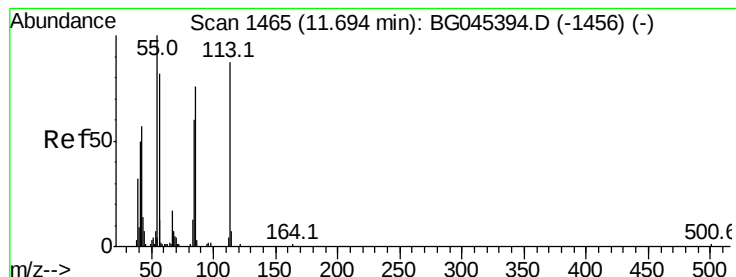
Tot Ion:	127	Resp:	302528
Ion	Ratio	Lower	Upper
127	100		
129	33.1	24.7	37.1
65	31.8	26.2	39.2
92	21.7	17.9	26.9



#34
Hexachlorobutadiene
Concen: 41.899 ng
RT: 11.10 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BG045550.D
Acq: 30 May 2020 11:22

Tgt Ion:	225	Resp:	185142
Ion	Ratio	Lower	Upper
225	100		
223	64.5	49.1	73.7
227	64.5	52.0	78.0





#35

Caprolactam

Concen: 43.555 ng

RT: 11.71 min Scan# 1467

Delta R.T. 0.01 min

Lab File: BG045550.D

Acq: 30 May 2020 11:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

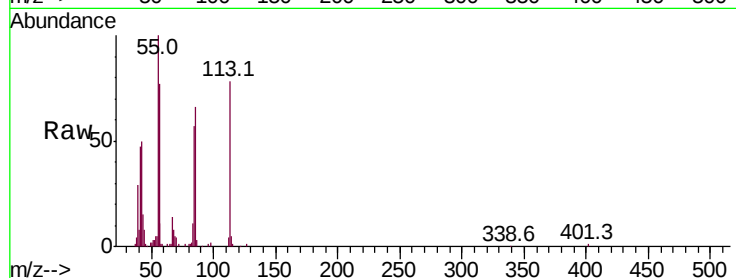
Tot Ion:113 Resp: 84573

Ion Ratio Lower Upper

113 100

55 128.1 96.0 136.0

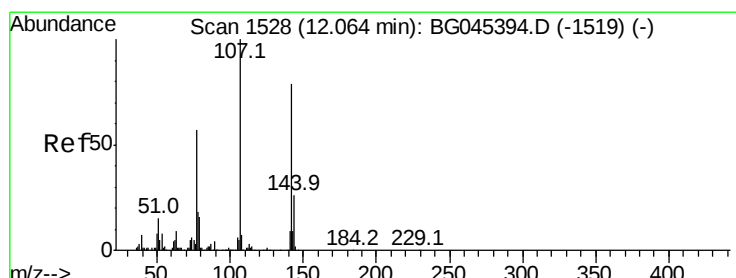
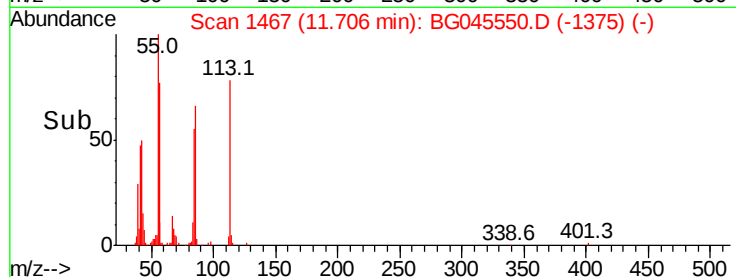
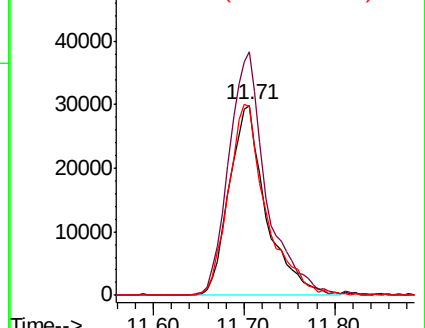
56 98.9 75.1 115.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 44.601 ng

RT: 12.08 min Scan# 1530

Delta R.T. -0.01 min

Lab File: BG045550.D

Acq: 30 May 2020 11:22

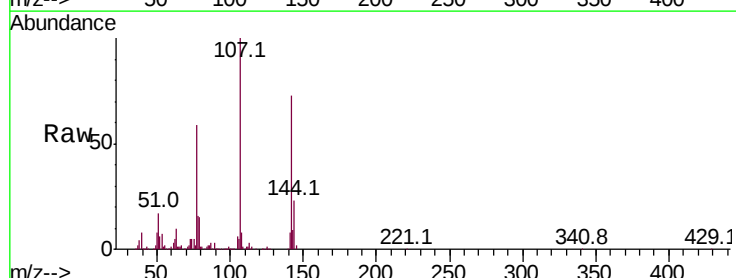
Tgt Ion:107 Resp: 265876

Ion Ratio Lower Upper

107 100

144 22.8 20.8 31.2

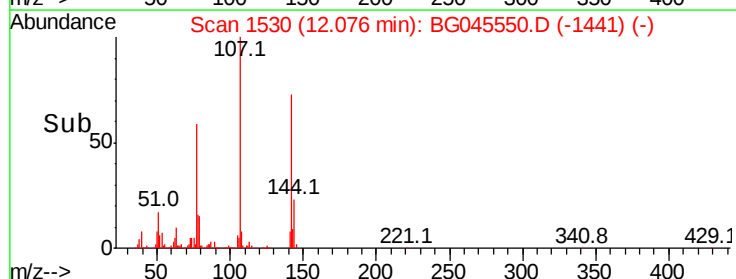
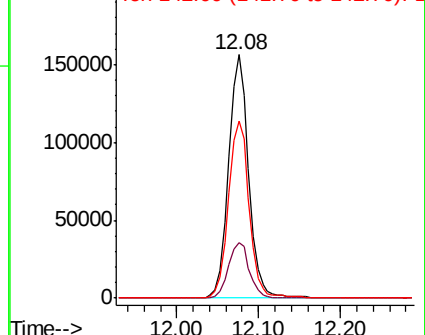
142 72.6 62.8 94.2

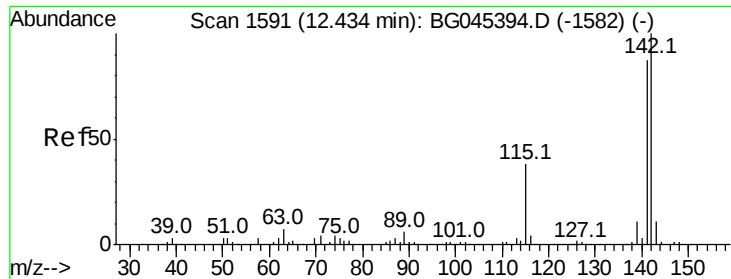


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

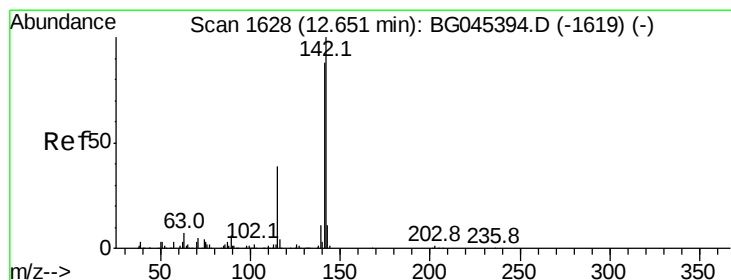
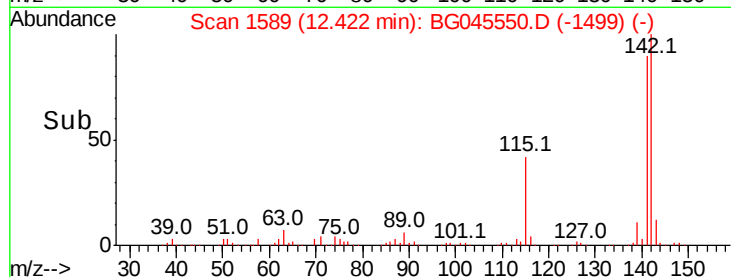
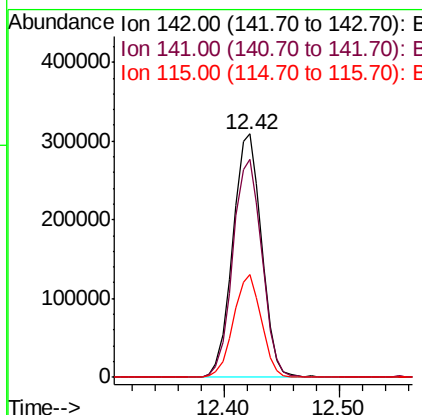
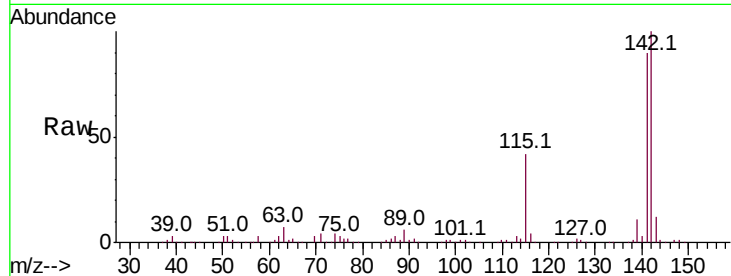




#37
 2-Methylnaphthalene
 Concen: 42.783 ng
 RT: 12.42 min Scan# 1589
 Delta R.T. -0.00 min
 Lab File: BG045550.D
 Acq: 30 May 2020 11:22

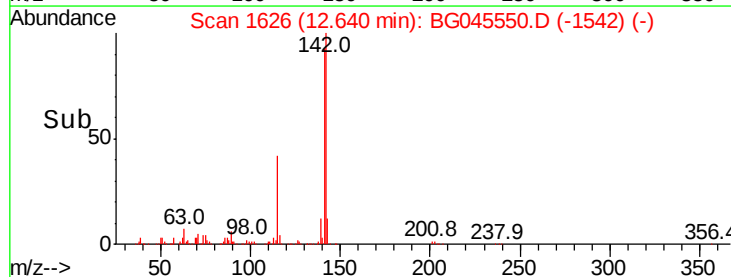
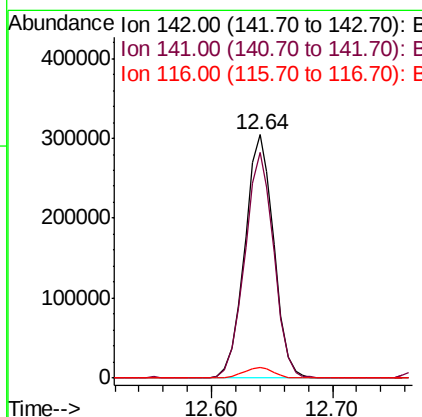
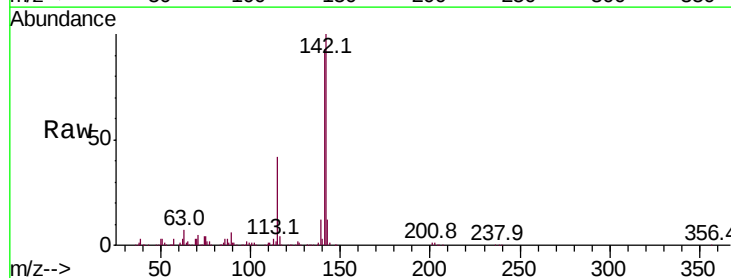
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

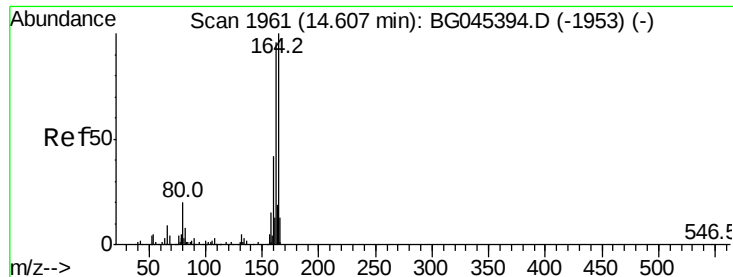
Tot Ion:142 Resp: 534018
 Ion Ratio Lower Upper
 142 100
 141 89.6 70.0 105.0
 115 42.3 30.8 46.2



#38
 1-Methylnaphthalene
 Concen: 42.796 ng
 RT: 12.64 min Scan# 1626
 Delta R.T. -0.01 min
 Lab File: BG045550.D
 Acq: 30 May 2020 11:22

Tgt Ion:142 Resp: 504605
 Ion Ratio Lower Upper
 142 100
 141 92.6 70.8 106.2
 116 4.3 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.60 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BG045550.D

Acq: 30 May 2020 11:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

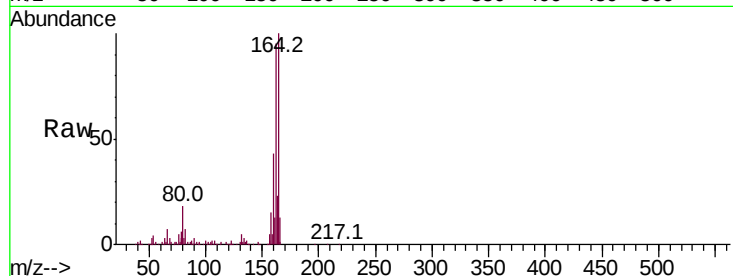
Tot Ion:164 Resp: 268584

Ion Ratio Lower Upper

164 100

162 95.1 76.9 115.3

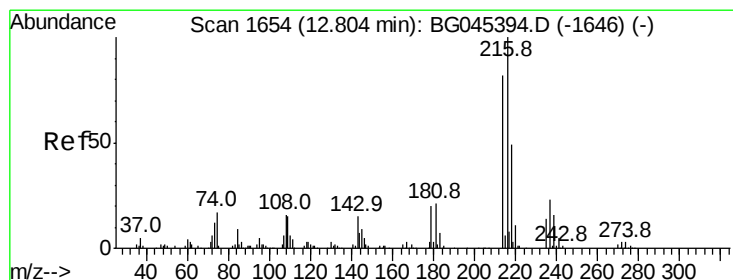
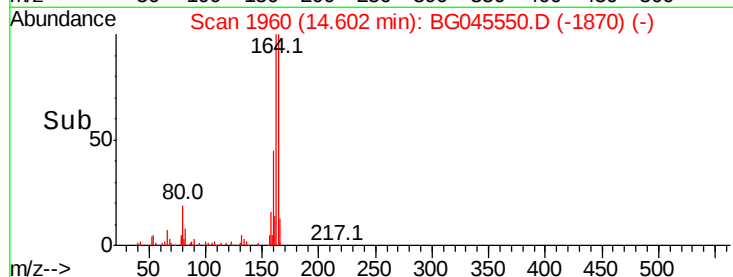
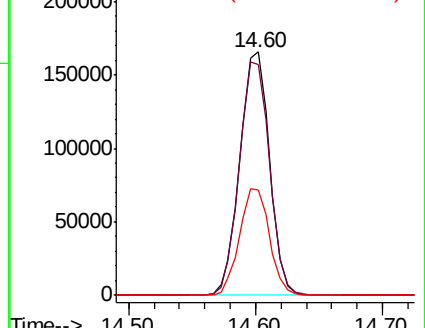
160 43.1 33.8 50.8



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: 40.360 ng

RT: 12.79 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BG045550.D

Acq: 30 May 2020 11:22

Tgt Ion:216 Resp: 302781

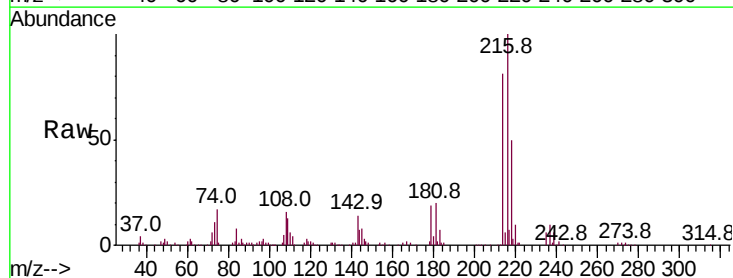
Ion Ratio Lower Upper

216 100

214 80.5 63.7 95.5

179 20.1 16.1 24.1

108 17.0 13.8 20.6

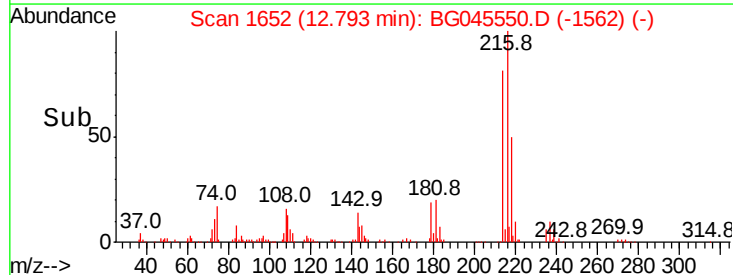
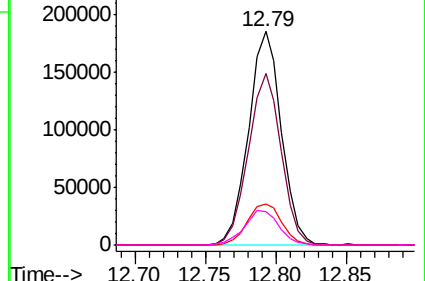


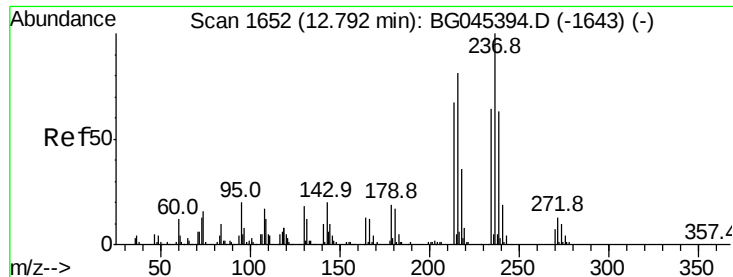
Abundance Ion 216.00 (215.70 to 216.70): E

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: 32.754 ng

RT: 12.77 min Scan# 1649

Delta R.T. -0.01 min

Lab File: BG045550.D

Acq: 30 May 2020 11:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

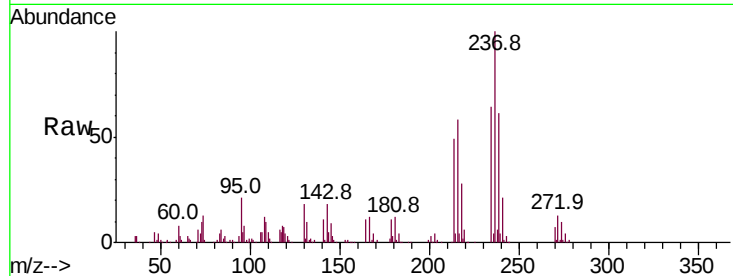
Tot Ion:237 Resp: 141823

Ion Ratio Lower Upper

237 100

235 63.7 44.4 84.4

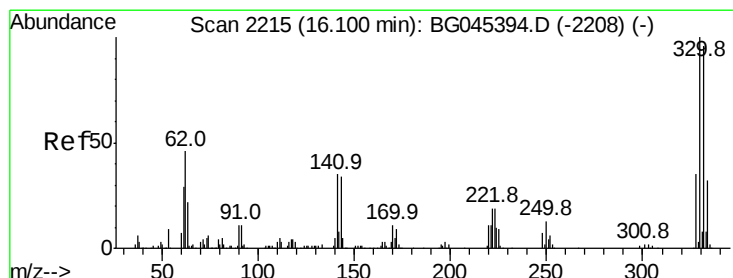
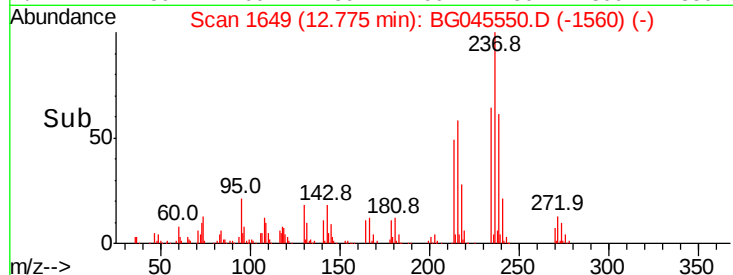
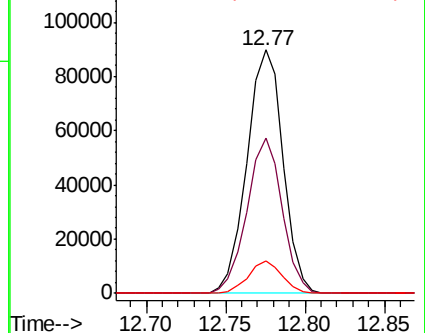
272 13.5 0.0 32.5



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: 82.954 ng

RT: 16.09 min Scan# 2214

Delta R.T. -0.00 min

Lab File: BG045550.D

Acq: 30 May 2020 11:22

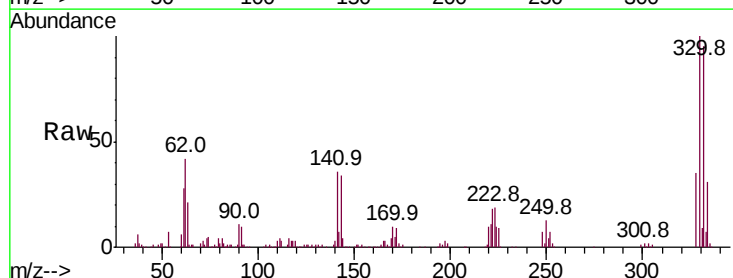
Tgt Ion:330 Resp: 284936

Ion Ratio Lower Upper

330 100

332 95.9 78.2 117.4

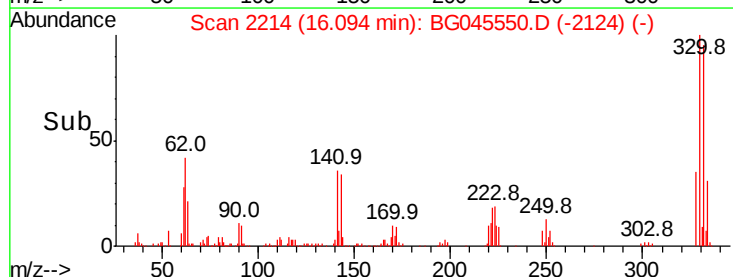
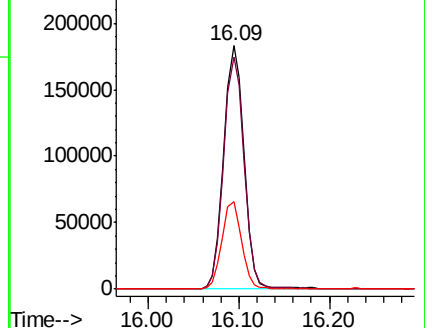
141 34.7 28.2 42.4

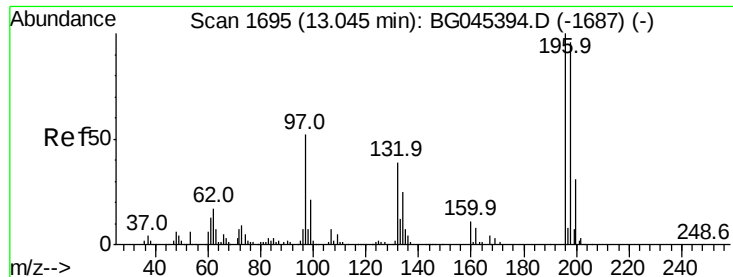


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

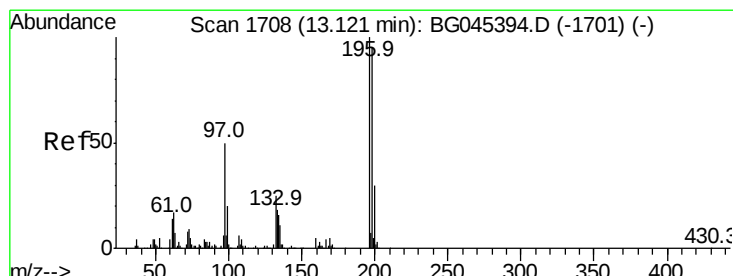
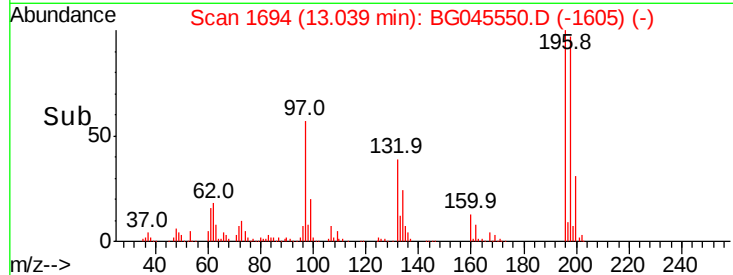
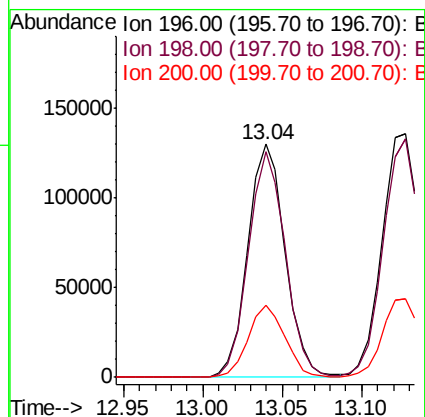
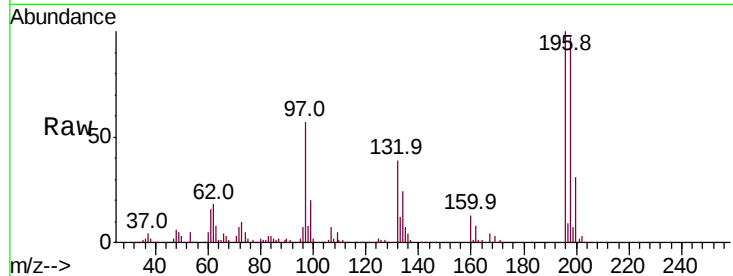




#43
 2,4,6-Trichlorophenol
 Concen: 40.934 ng
 RT: 13.04 min Scan# 1694
 Delta R.T. -0.01 min
 Lab File: BG045550.D
 Acq: 30 May 2020 11:22

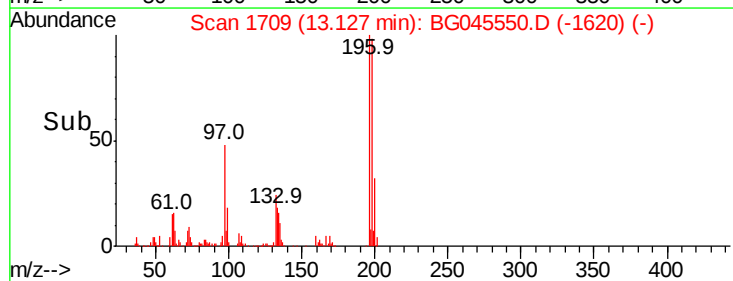
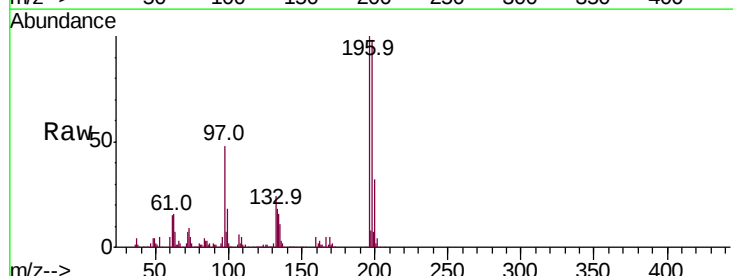
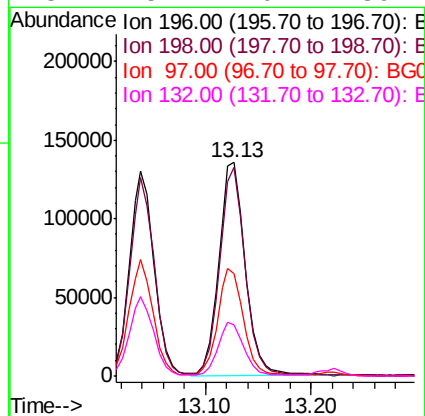
Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

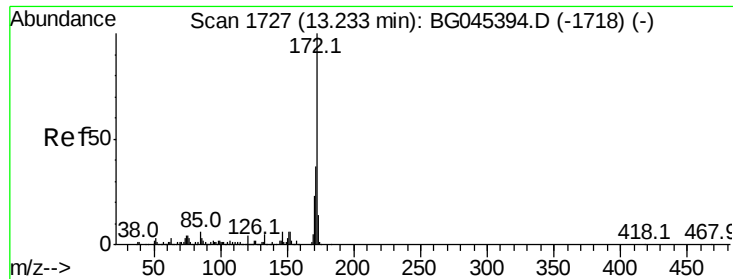
Tot Ion:196 Resp: 213323
 Ion Ratio Lower Upper
 196 100
 198 96.9 76.7 115.1
 200 30.8 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 39.651 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.01 min
 Lab File: BG045550.D
 Acq: 30 May 2020 11:22

Tgt Ion:196 Resp: 236129
 Ion Ratio Lower Upper
 196 100
 198 97.8 76.1 114.1
 97 48.2 40.0 60.0
 132 23.7 20.2 30.2

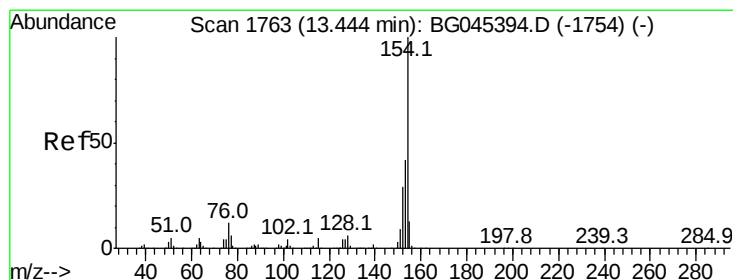
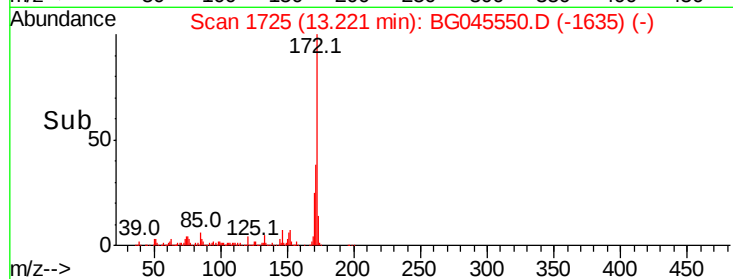
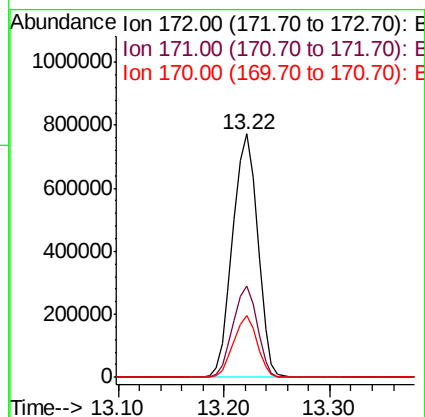
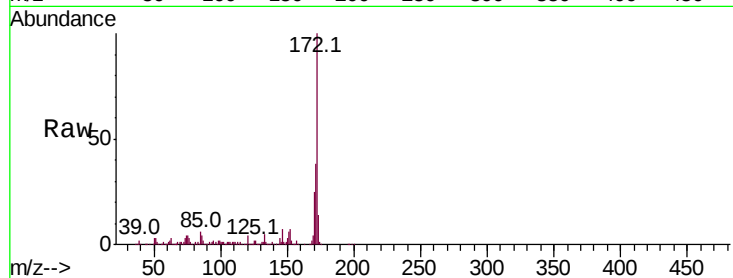




#45
2-Fluorobiphenyl
Concen: 80.085 ng
RT: 13.22 min Scan# 1725
Delta R.T. -0.00 min
Lab File: BG045550.D
Acq: 30 May 2020 11:22

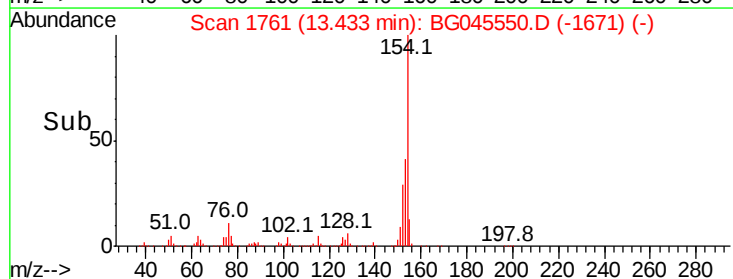
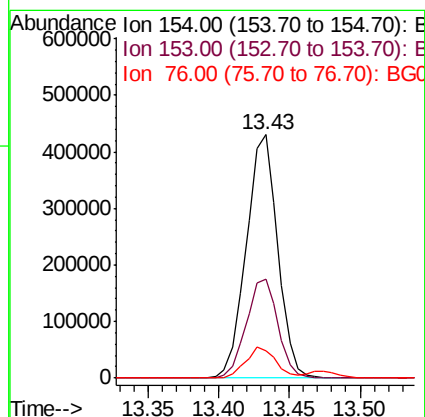
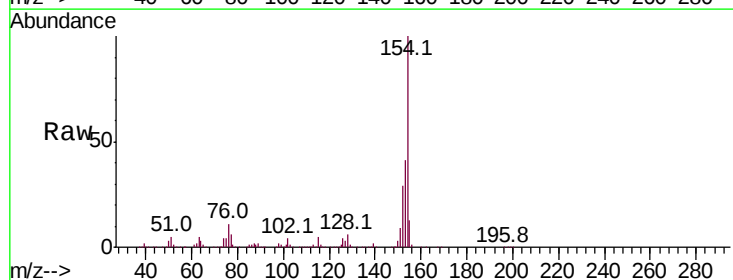
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

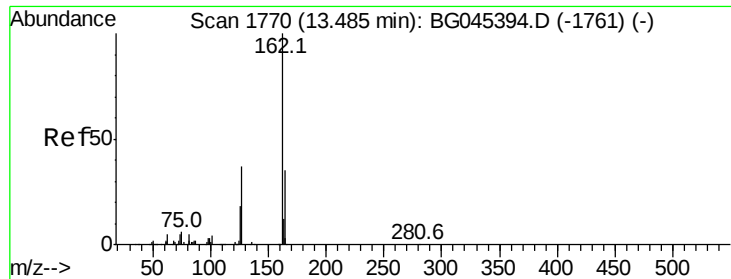
Tot Ion:172 Resp: 1268101
Ion Ratio Lower Upper
172 100
171 37.6 29.5 44.3
170 25.3 18.5 27.7



#46
1,1'-Biphenyl
Concen: 40.570 ng
RT: 13.43 min Scan# 1761
Delta R.T. -0.00 min
Lab File: BG045550.D
Acq: 30 May 2020 11:22

Tgt Ion:154 Resp: 669533
Ion Ratio Lower Upper
154 100
153 40.7 22.2 62.2
76 11.3 0.0 32.4

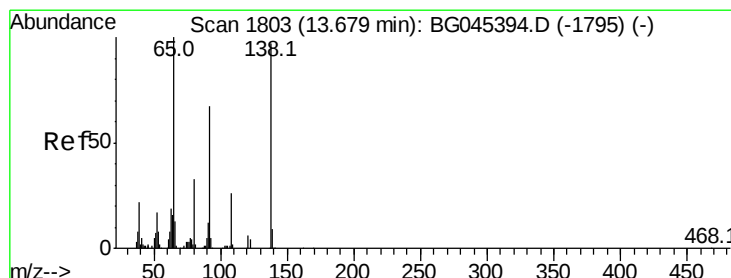
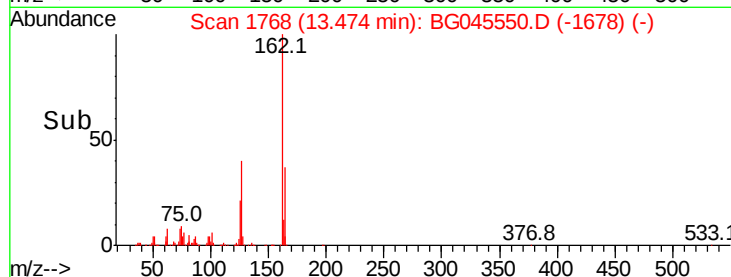
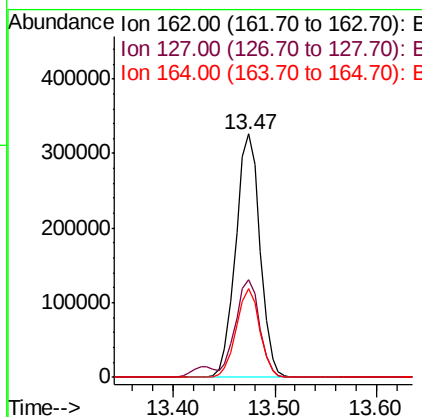
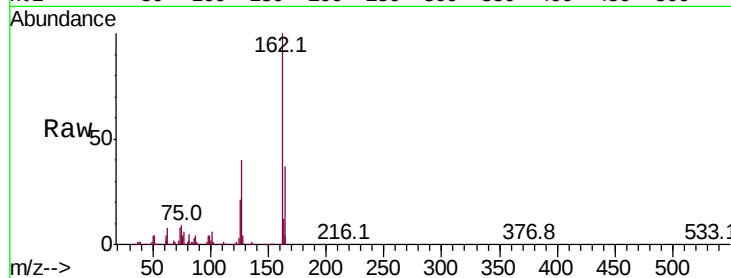




#47
2-Chloronaphthalene
Concen: 40.590 ng
RT: 13.47 min Scan# 1768
Delta R.T. -0.00 min
Lab File: BG045550.D
Acq: 30 May 2020 11:22

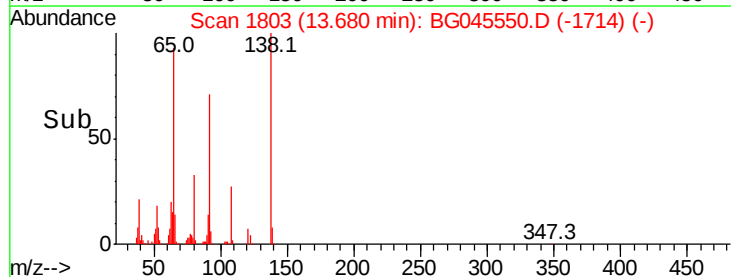
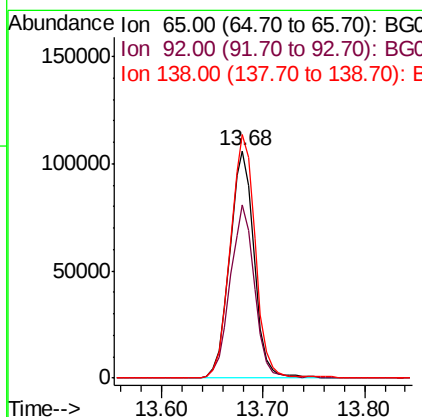
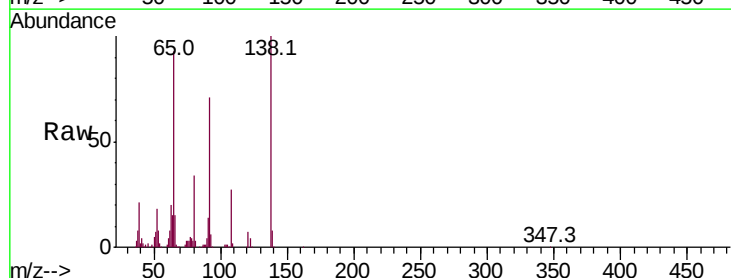
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

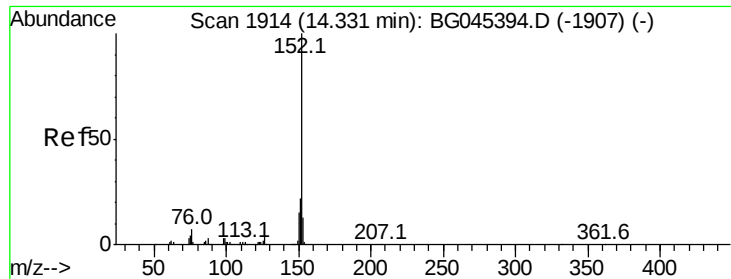
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.3	31.6	47.4
164	36.6	28.1	42.1



#48
2-Nitroaniline
Concen: 40.172 ng
RT: 13.68 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BG045550.D
Acq: 30 May 2020 11:22

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.2	53.8	80.8
138	107.2	77.9	116.9





#49

Acenaphthylene

Concen: 40.733 ng

RT: 14.32 min Scan# 1912

Delta R.T. -0.01 min

Lab File: BG045550.D

Acq: 30 May 2020 11:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

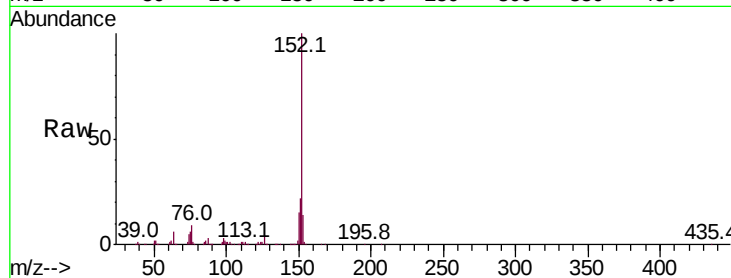
Tot Ion:152 Resp: 876818

Ion Ratio Lower Upper

152 100

151 22.0 17.4 26.2

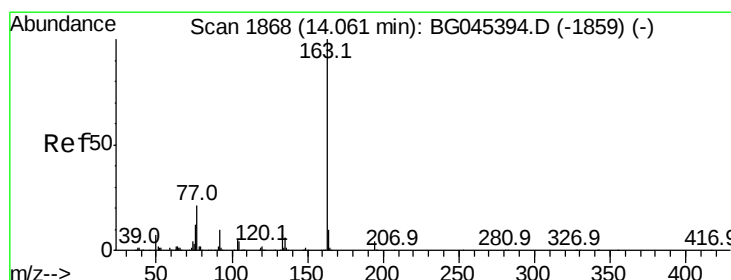
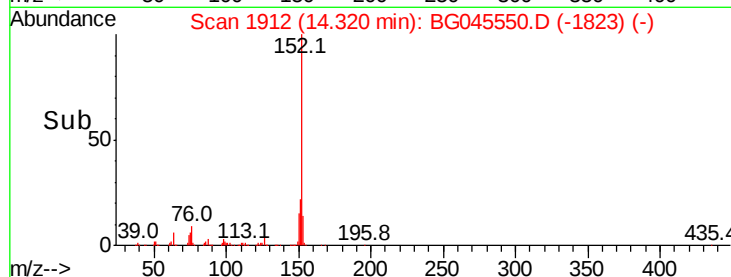
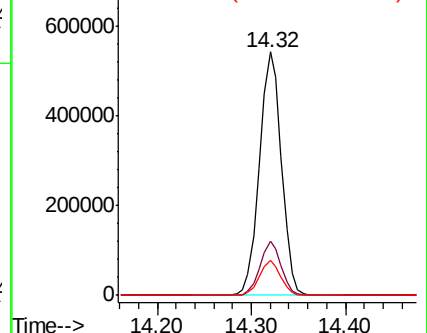
153 14.4 10.7 16.1



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



#50

Dimethylphthalate

Concen: 39.270 ng

RT: 14.06 min Scan# 1867

Delta R.T. -0.00 min

Lab File: BG045550.D

Acq: 30 May 2020 11:22

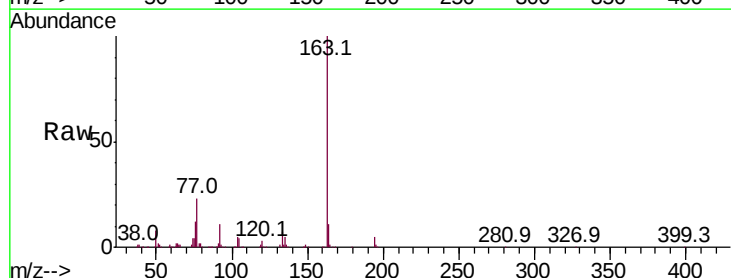
Tgt Ion:163 Resp: 723543

Ion Ratio Lower Upper

163 100

194 4.5 3.2 4.8

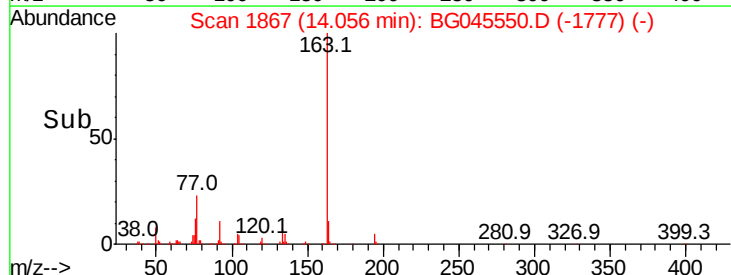
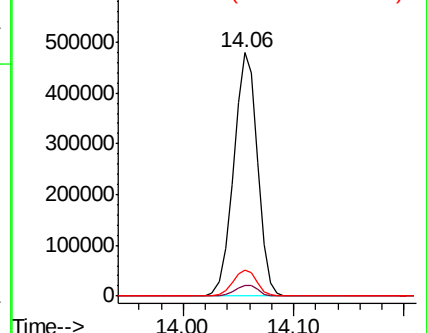
164 10.9 8.3 12.5

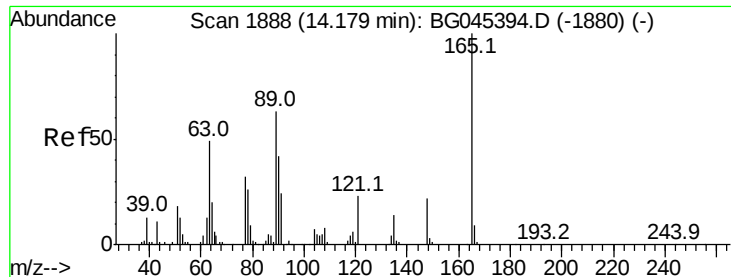


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.295 ng

RT: 14.17 min Scan# 1887

Delta R.T. -0.00 min

Lab File: BG045550.D

Acq: 30 May 2020 11:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

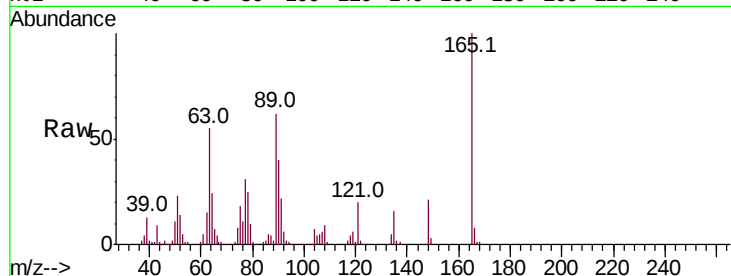
Tot Ion:165 Resp: 167529

Ion Ratio Lower Upper

165 100

63 55.0 45.0 67.4

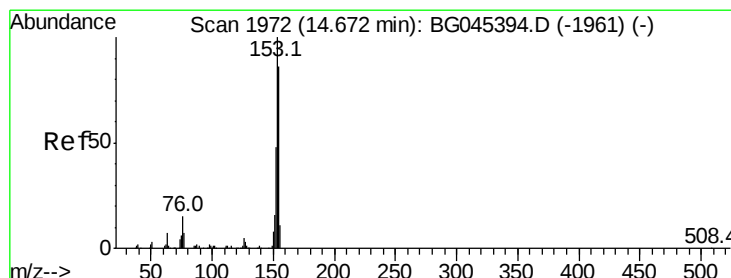
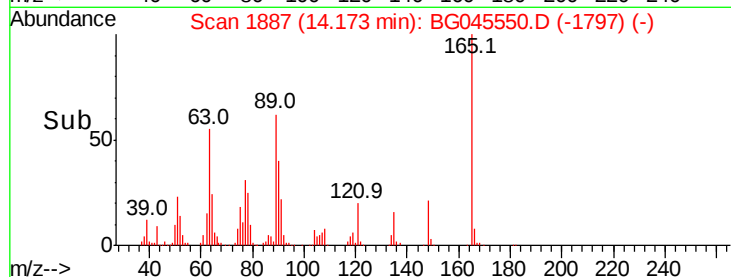
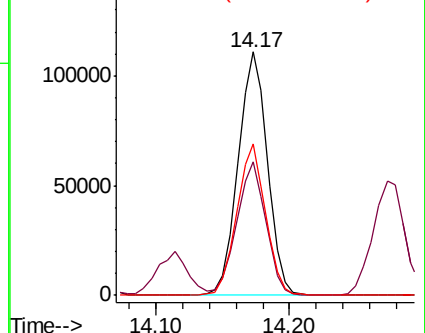
89 62.2 50.2 75.4



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 37.184 ng

RT: 14.67 min Scan# 1971

Delta R.T. -0.00 min

Lab File: BG045550.D

Acq: 30 May 2020 11:22

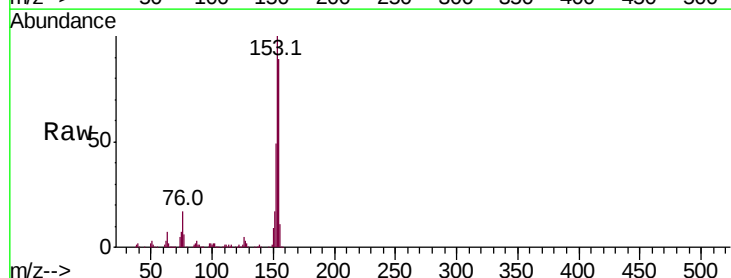
Tgt Ion:154 Resp: 535777

Ion Ratio Lower Upper

154 100

153 112.5 92.8 139.2

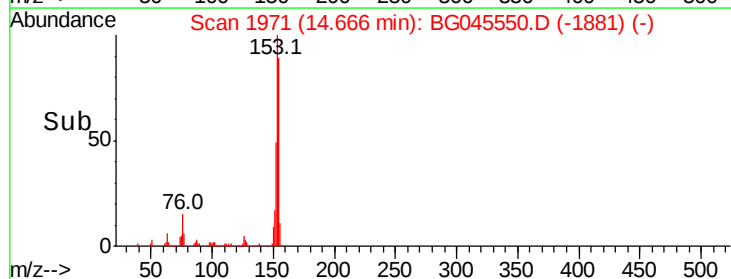
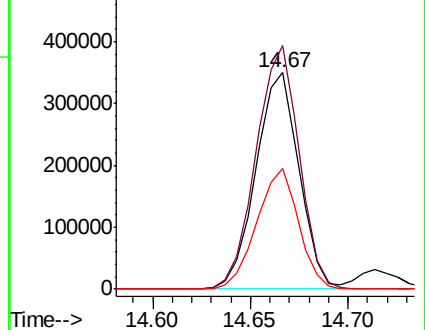
152 55.6 44.6 66.8

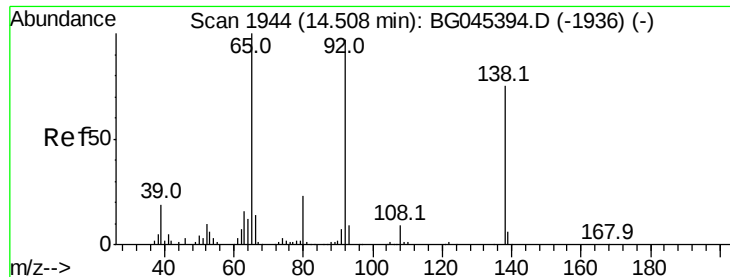


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

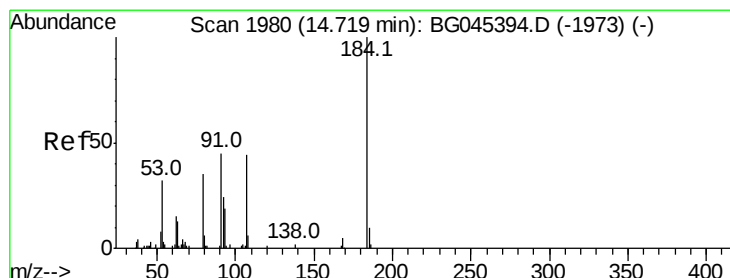
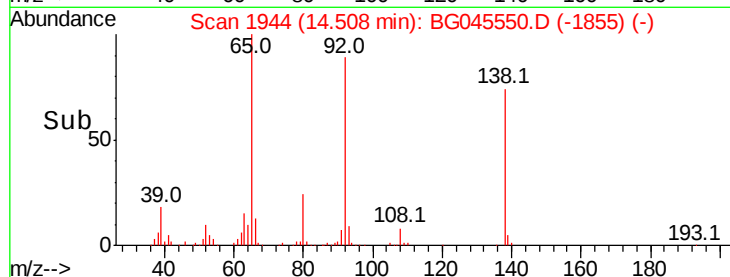
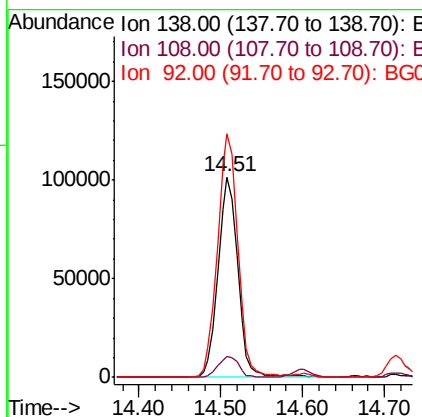
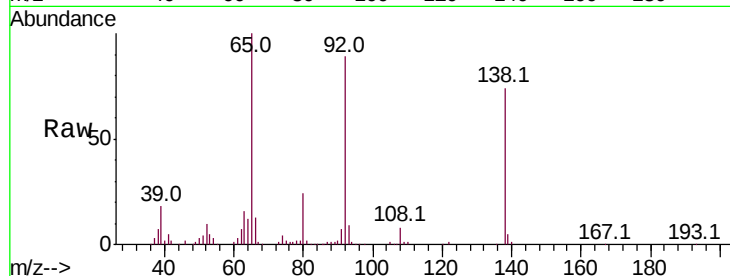




#53
 3-Nitroaniline
 Concen: 40.685 ng
 RT: 14.51 min Scan# 1944
 Delta R.T. -0.01 min
 Lab File: BG045550.D
 Acq: 30 May 2020 11:22

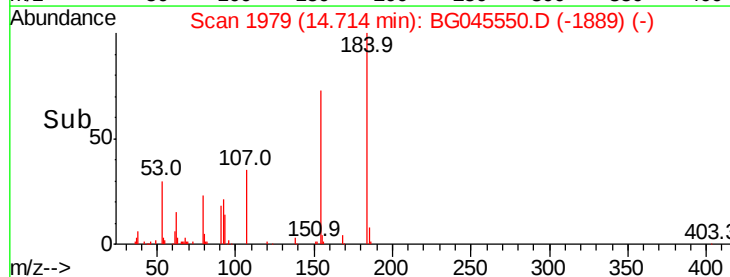
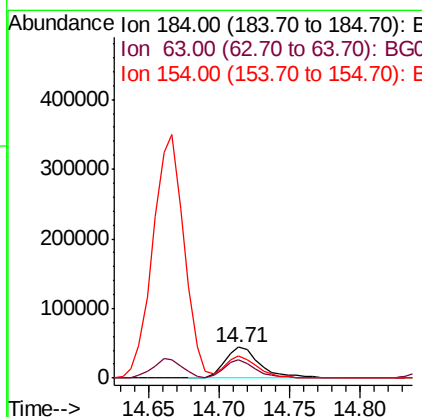
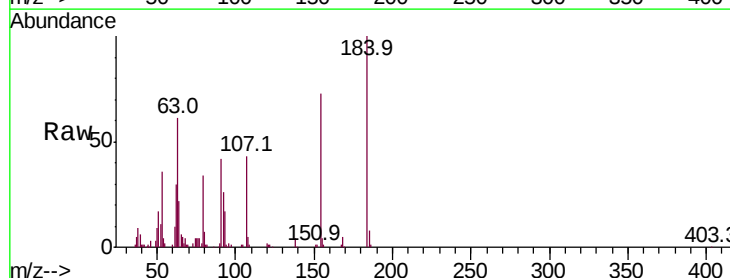
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

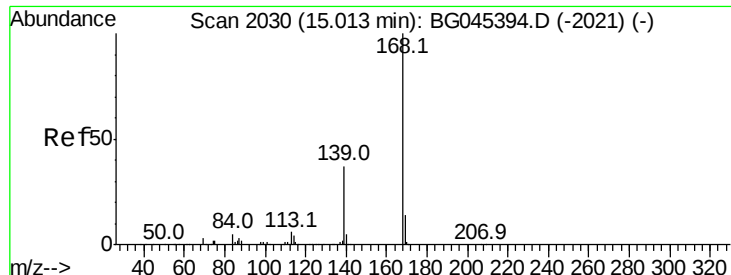
Tot Ion:138 Resp: 171948
 Ion Ratio Lower Upper
 138 100
 108 10.7 9.8 14.6
 92 121.4 103.0 154.4



#54
 2,4-Dinitrophenol
 Concen: 31.453 ng
 RT: 14.71 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: BG045550.D
 Acq: 30 May 2020 11:22

Tgt Ion:184 Resp: 75979
 Ion Ratio Lower Upper
 184 100
 63 60.5 47.8 71.6
 154 73.1 58.3 87.5

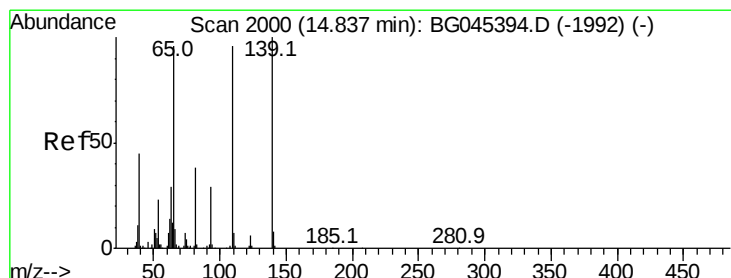
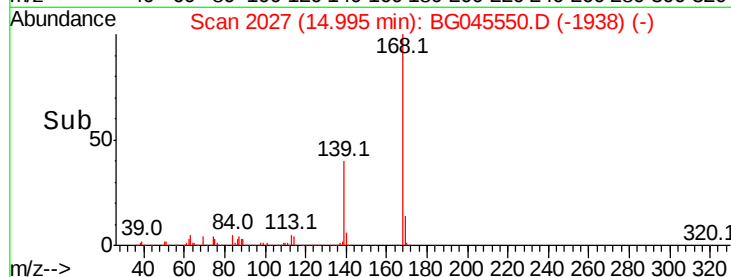
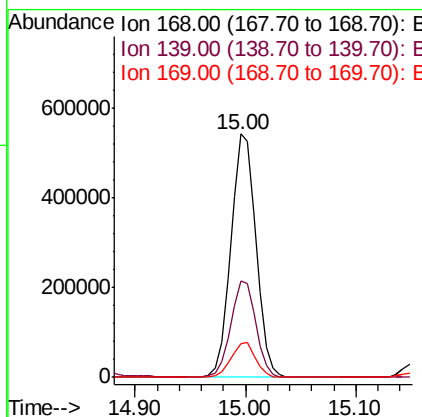
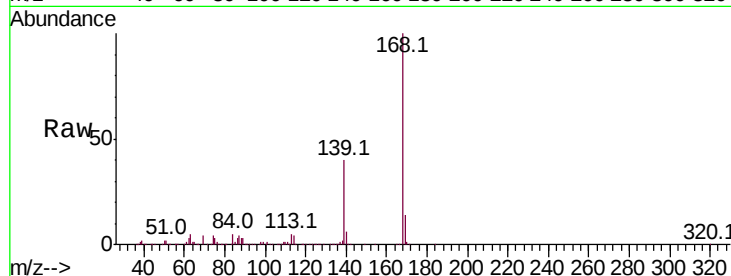




#55
Dibenzenofuran
Concen: 40.514 ng
RT: 15.00 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BG045550.D
Acq: 30 May 2020 11:22

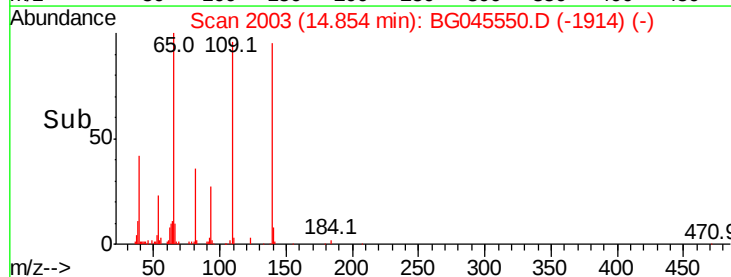
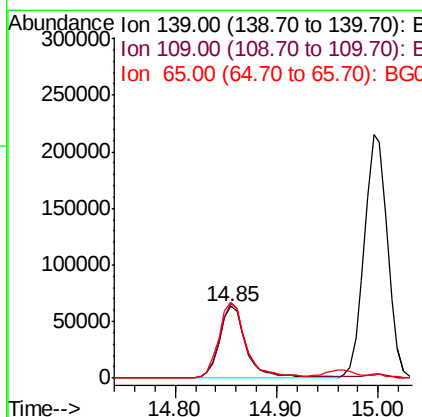
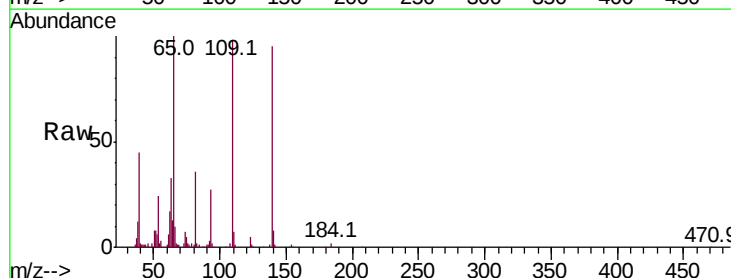
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

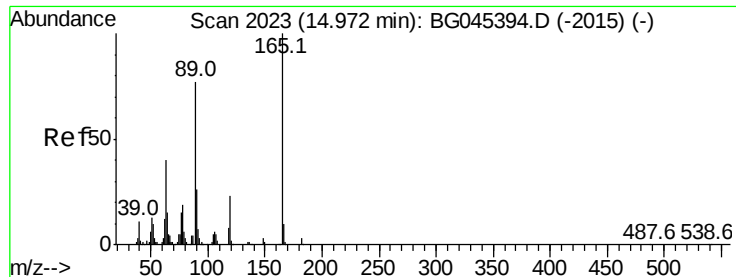
Tot Ion	Ratio	Lower	Upper
168	100		
139	39.7	29.9	44.9
169	14.1	10.9	16.3



#56
4-Nitrophenol
Concen: 37.215 ng
RT: 14.85 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BG045550.D
Acq: 30 May 2020 11:22

Tgt Ion	Ratio	Lower	Upper
139	100		
109	103.3	75.6	115.6
65	105.5	76.8	116.8

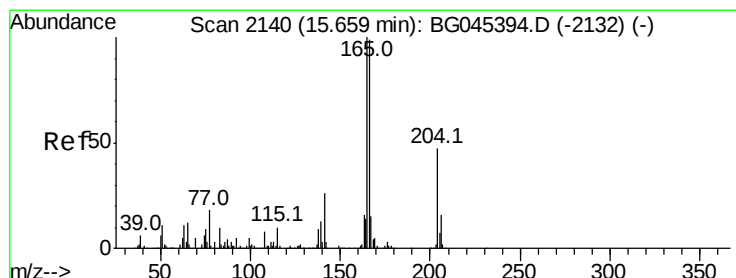
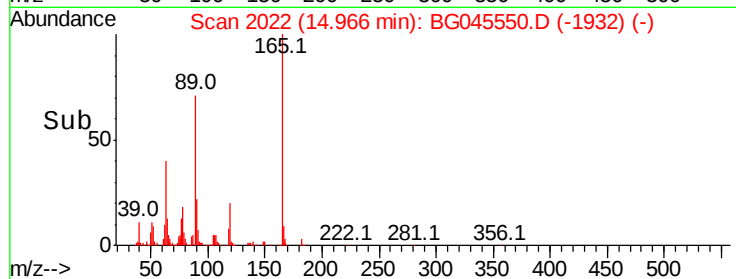
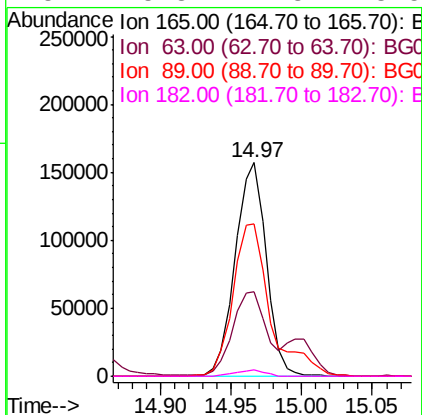
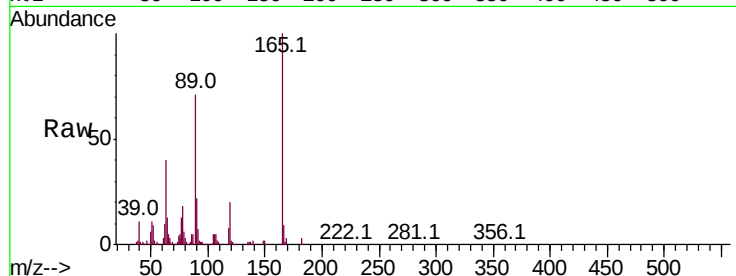




#57
2,4-Dinitrotoluene
Concen: 40.033 ng
RT: 14.97 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BG045550.D
Acq: 30 May 2020 11:22

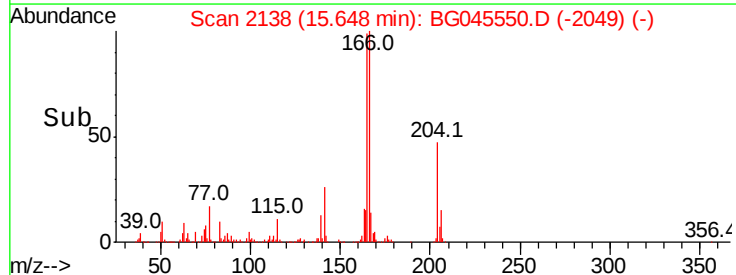
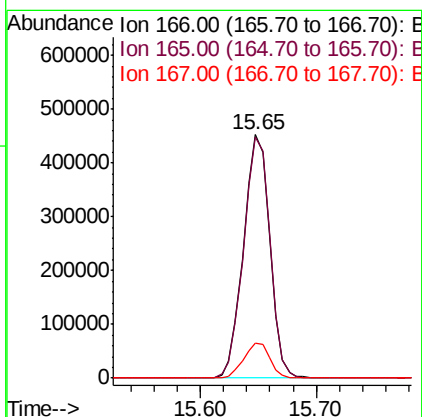
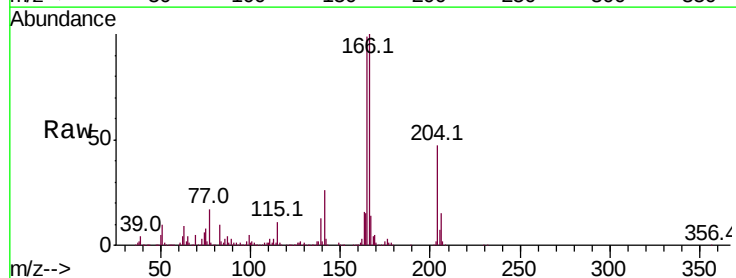
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

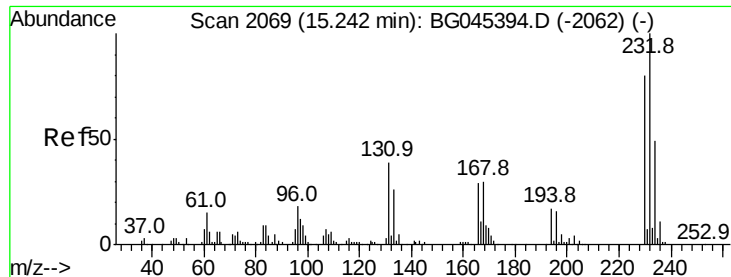
Tot Ion	Ratio	Lower	Upper
165	100		
63	39.7	32.5	48.7
89	71.5	61.8	92.6
182	3.3	2.3	3.5



#58
Fluorene
Concen: 40.801 ng
RT: 15.65 min Scan# 2138
Delta R.T. -0.01 min
Lab File: BG045550.D
Acq: 30 May 2020 11:22

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.9	80.8	121.2
167	14.3	12.0	18.0

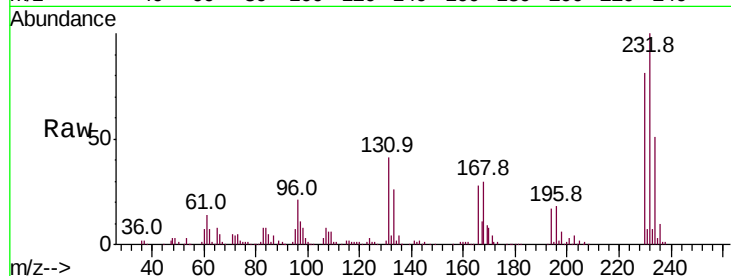




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.130 ng
RT: 15.24 min Scan# 2068
Delta R.T. -0.00 min
Lab File: BG045550.D
Acq: 30 May 2020 11:22

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	232	Resp:	210252
Ion	Ratio	Lower	Upper
232	100		
131	41.1	33.7	50.5
130	2.6	2.1	3.1
166	28.6	23.2	34.8



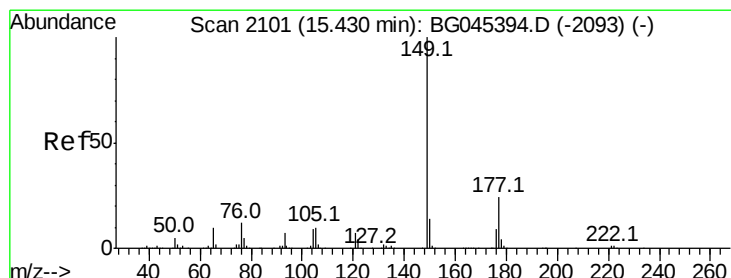
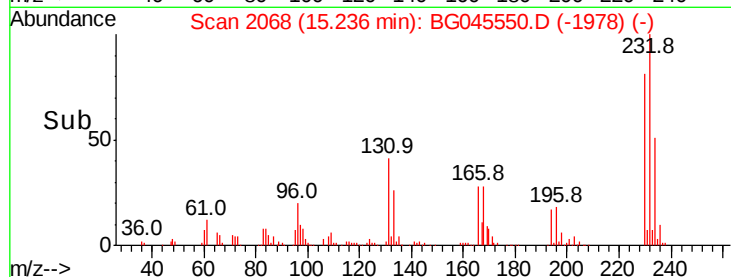
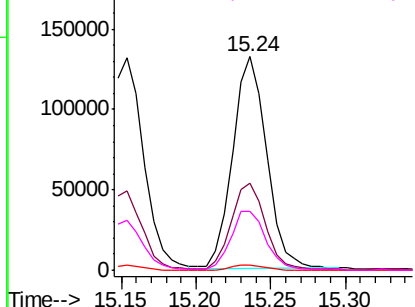
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

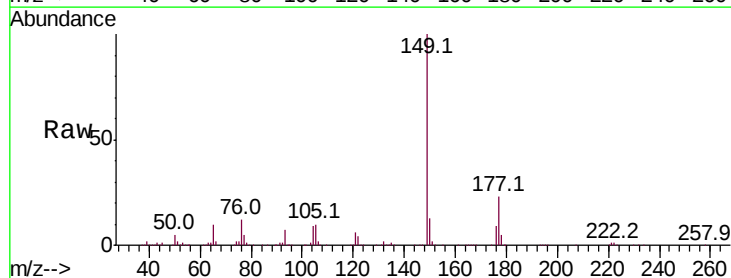
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 39.516 ng
RT: 15.42 min Scan# 2099
Delta R.T. -0.00 min
Lab File: BG045550.D
Acq: 30 May 2020 11:22

Tgt Ion:	149	Resp:	757800
Ion	Ratio	Lower	Upper
149	100		
177	22.9	19.0	28.4
150	13.5	11.4	17.0

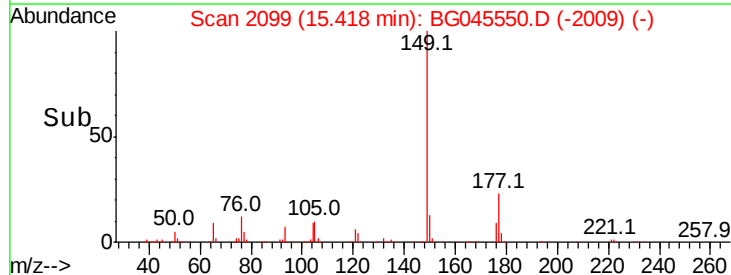
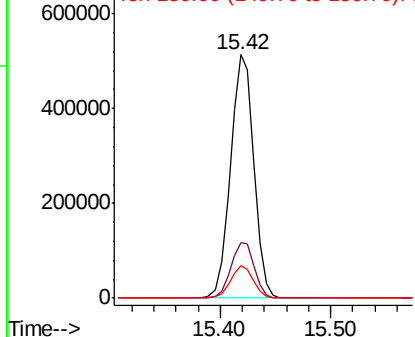


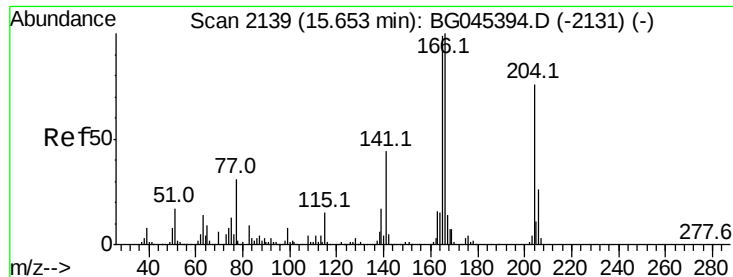
Abundance

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

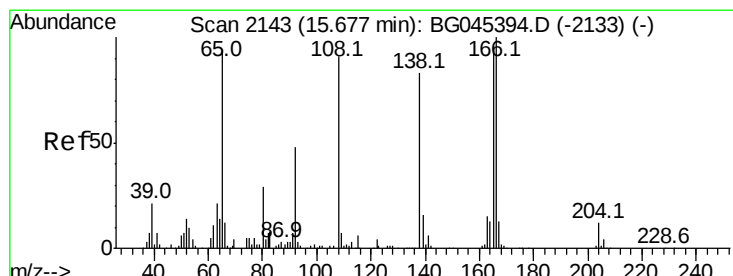
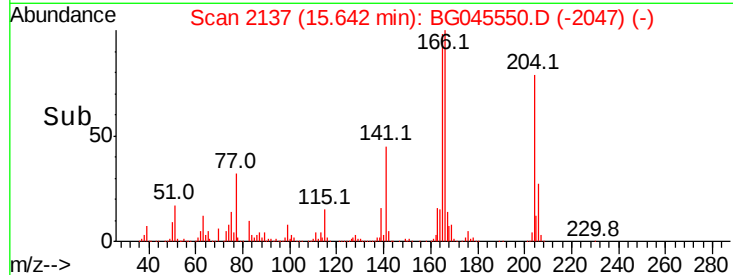
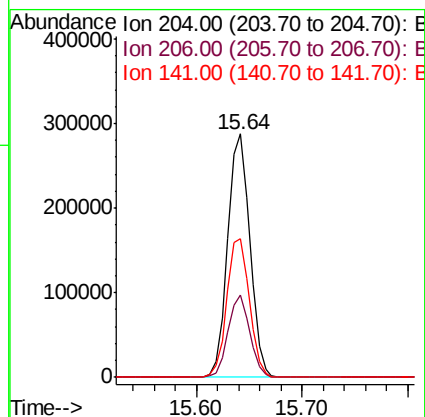
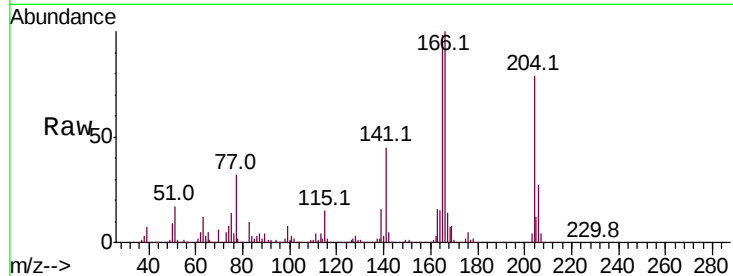




#61
4-Chlorophenyl-phenylether
Concen: 41.492 ng
RT: 15.64 min Scan# 2137
Delta R.T. -0.00 min
Lab File: BG045550.D
Acq: 30 May 2020 11:22

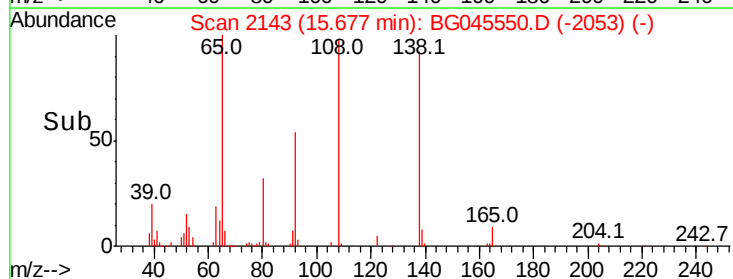
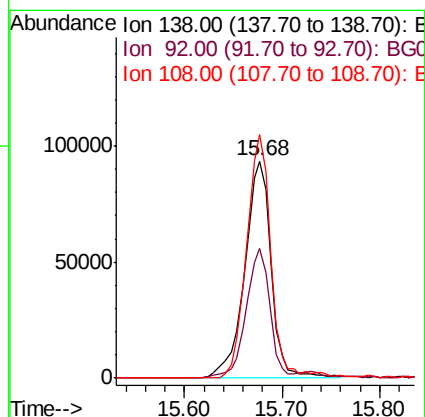
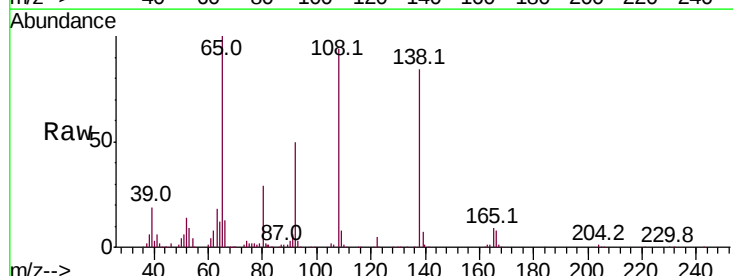
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

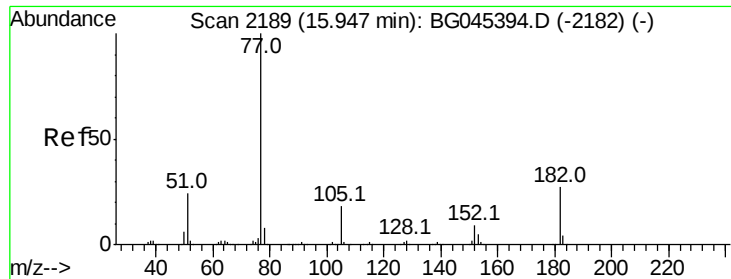
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.9	27.3	40.9
141	57.2	45.9	68.9



#62
4-Nitroaniline
Concen: 40.230 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.00 min
Lab File: BG045550.D
Acq: 30 May 2020 11:22

Tgt Ion	Ratio	Lower	Upper
138	100		
92	59.6	38.0	78.0
108	112.1	89.3	129.3





#63

Azobenzene

Concen: 40.926 ng

RT: 15.94 min Scan# 2187

Delta R.T. -0.00 min

Lab File: BG045550.D

Acq: 30 May 2020 11:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 731816

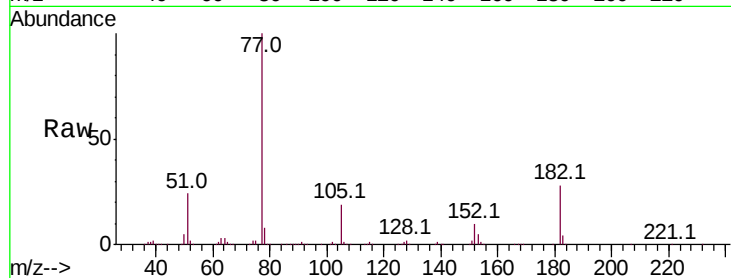
Ion Ratio Lower Upper

77 100

182 27.8 6.5 46.5

105 19.1 0.0 37.9

51 23.9 4.1 44.1

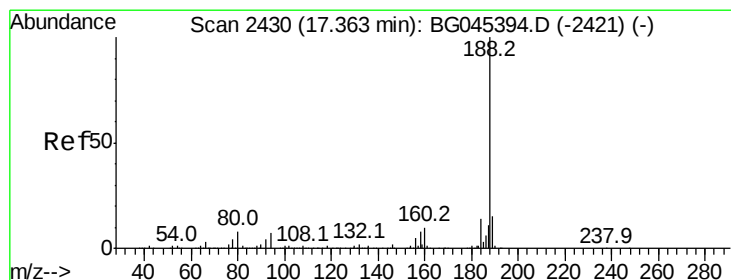
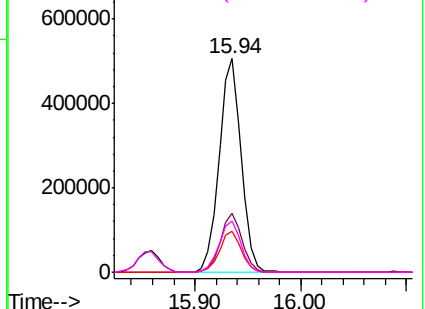
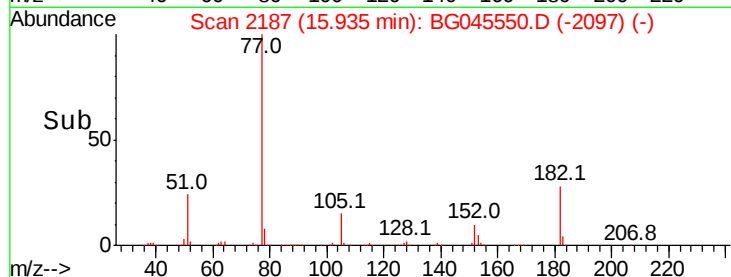


Abundance Ion 77.00 (76.70 to 77.70): BGC

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# 2427

Delta R.T. -0.00 min

Lab File: BG045550.D

Acq: 30 May 2020 11:22

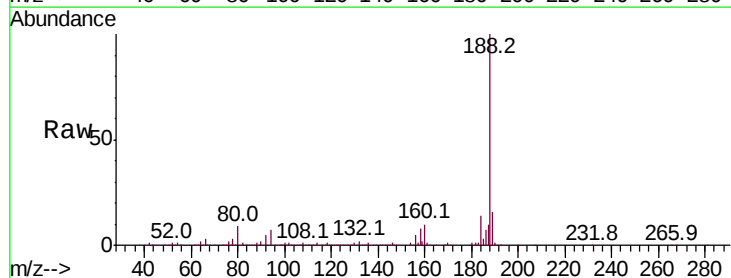
Tgt Ion: 188 Resp: 627986

Ion Ratio Lower Upper

188 100

94 7.1 5.5 8.3

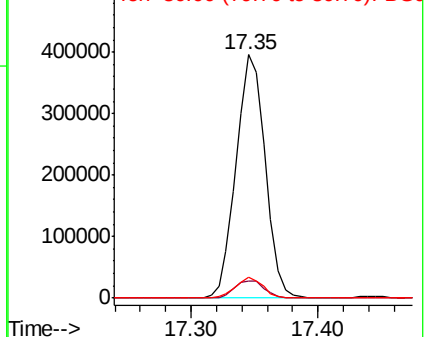
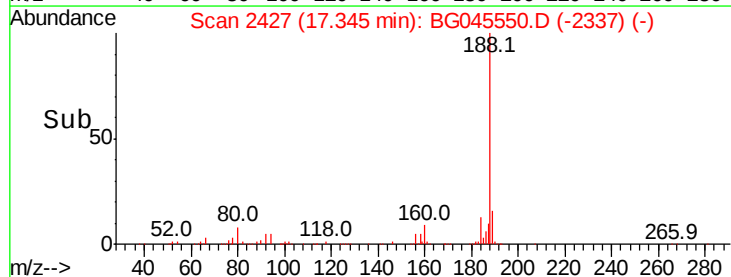
80 8.7 6.6 10.0

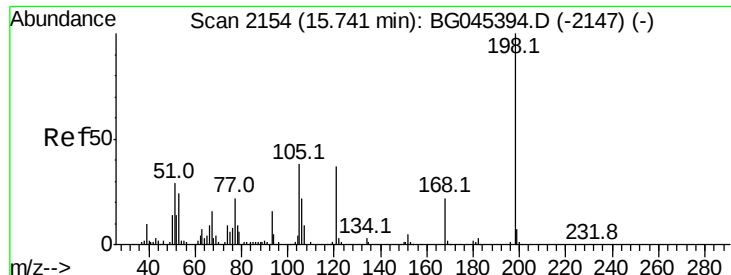


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 37.041 ng

RT: 15.74 min Scan# 2153

Delta R.T. -0.00 min

Lab File: BG045550.D

Acq: 30 May 2020 11:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

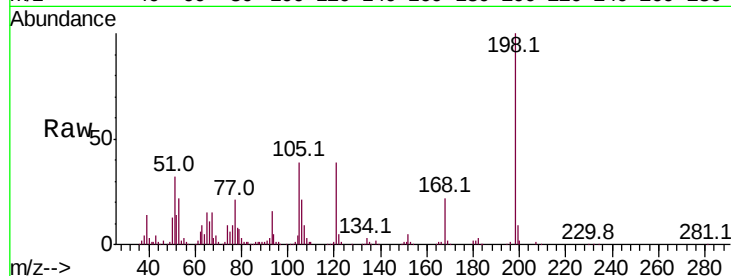
Tot Ion:198 Resp: 135473

Ion Ratio Lower Upper

198 100

51 32.4 10.0 50.0

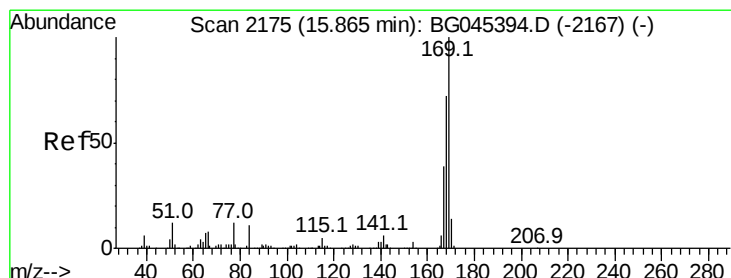
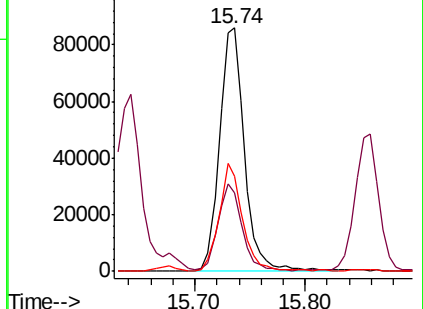
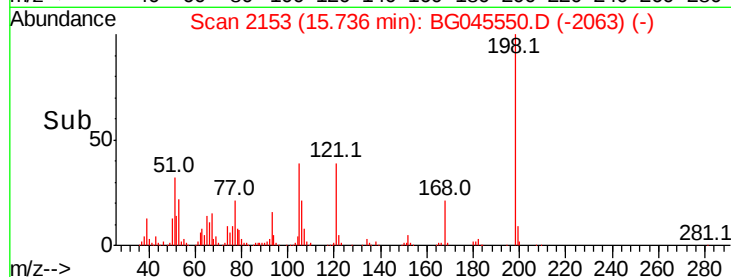
105 39.3 18.9 58.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.517 ng

RT: 15.86 min Scan# 2174

Delta R.T. -0.00 min

Lab File: BG045550.D

Acq: 30 May 2020 11:22

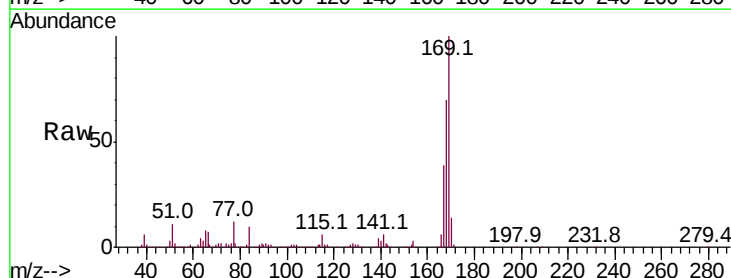
Tgt Ion:169 Resp: 625983

Ion Ratio Lower Upper

169 100

168 69.5 57.8 86.6

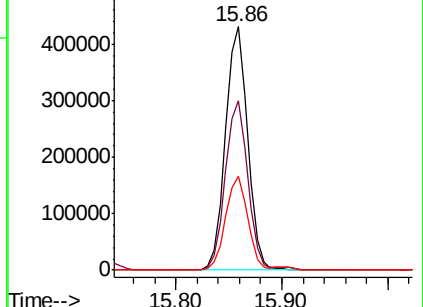
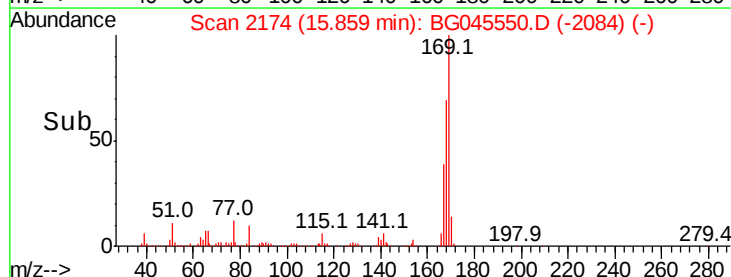
167 38.7 31.5 47.3

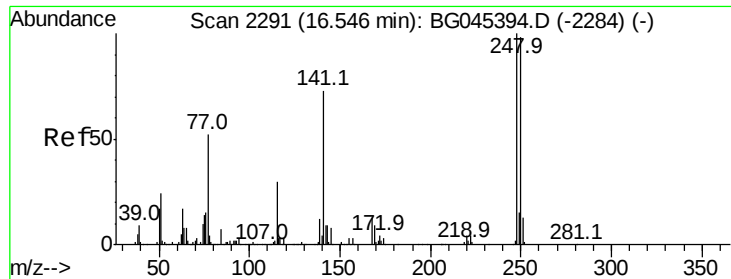


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

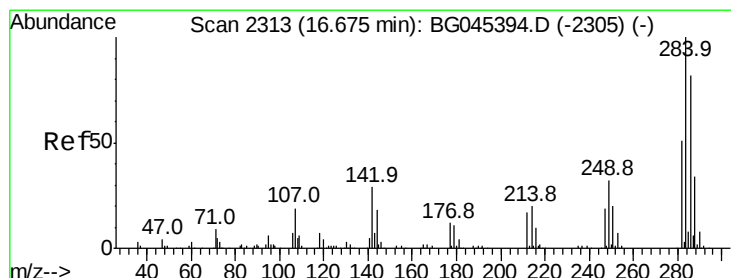
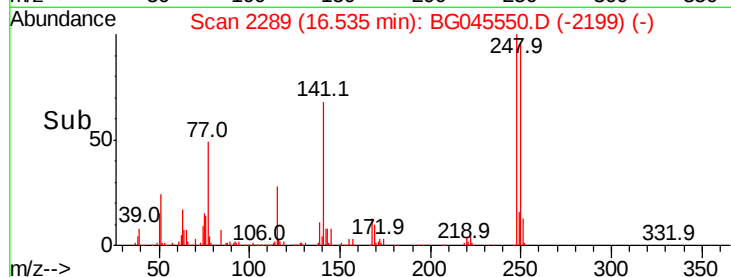
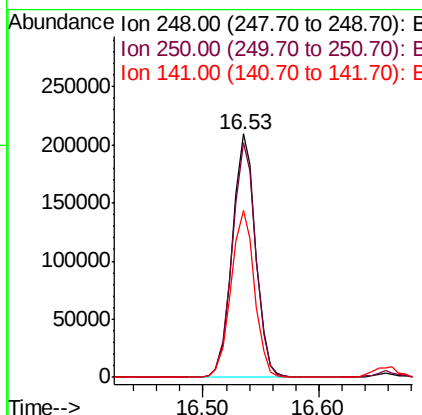
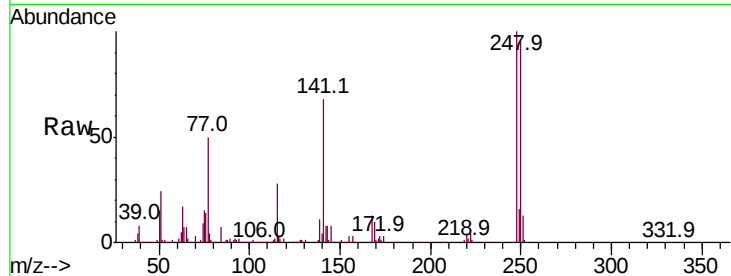




#67
4-Bromophenyl-phenylether
Concen: 42.897 ng
RT: 16.53 min Scan# 2289
Delta R.T. -0.00 min
Lab File: BG045550.D
Acq: 30 May 2020 11:22

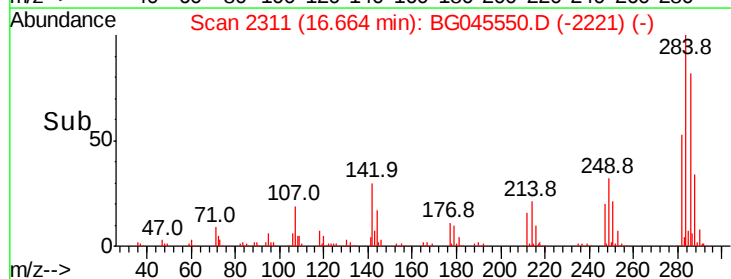
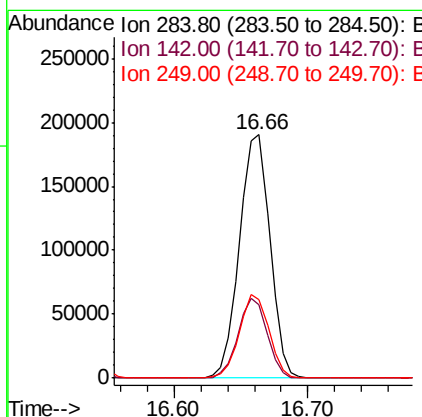
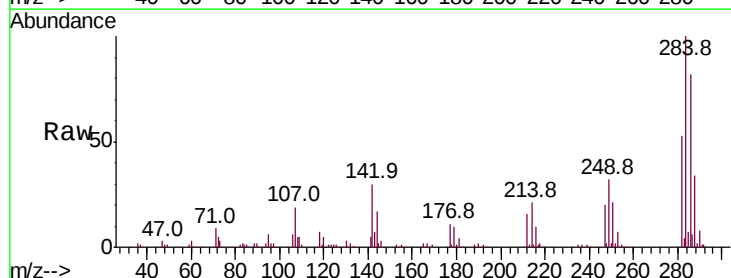
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

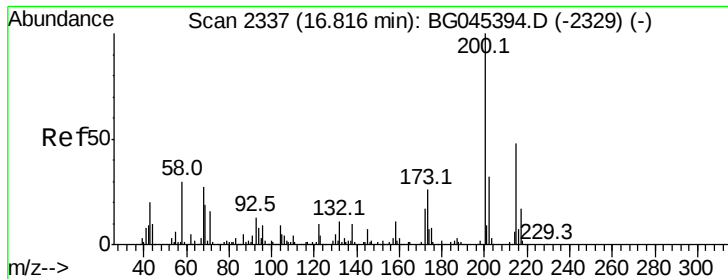
Tot Ion	Ratio	Lower	Upper
248	100		
250	96.3	78.6	117.8
141	68.5	58.2	87.2



#68
Hexachlorobenzene
Concen: 42.254 ng
RT: 16.66 min Scan# 2311
Delta R.T. -0.00 min
Lab File: BG045550.D
Acq: 30 May 2020 11:22

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.1	23.0	34.6
249	32.2	25.8	38.6





#69

Atrazine

Concen: 39.421 ng

RT: 16.81 min Scan# 2336

Delta R.T. -0.00 min

Lab File: BG045550.D

Acq: 30 May 2020 11:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

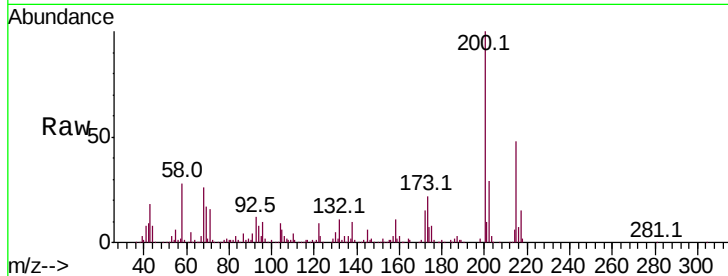
Tot Ion:200 Resp: 244819

Ion Ratio Lower Upper

200 100

173 22.3 5.5 45.5

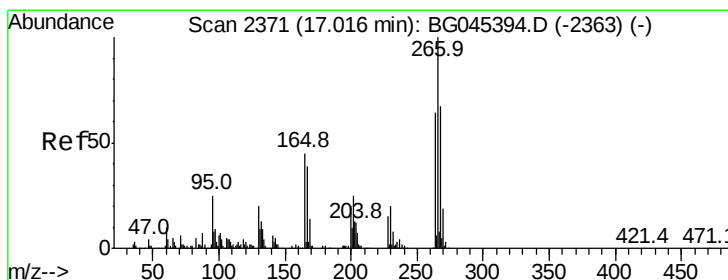
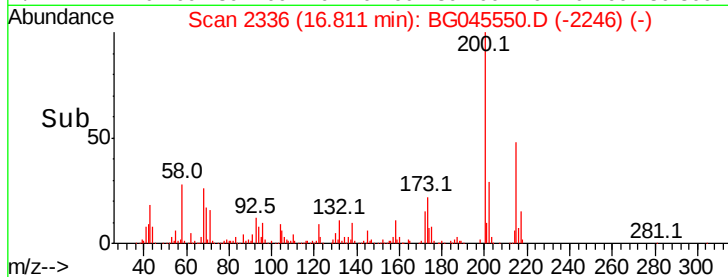
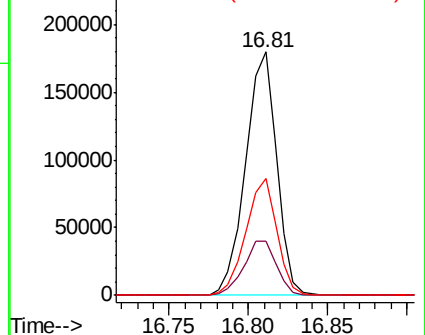
215 48.1 28.2 68.2



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: 42.101 ng

RT: 17.01 min Scan# 2370

Delta R.T. -0.00 min

Lab File: BG045550.D

Acq: 30 May 2020 11:22

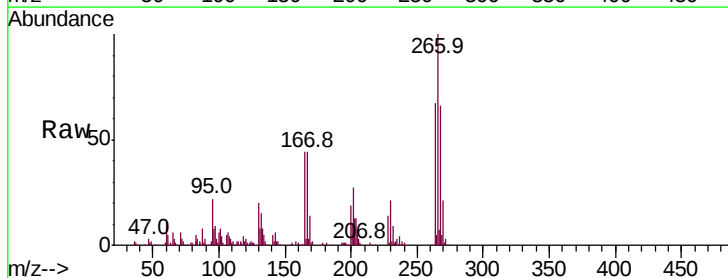
Tgt Ion:266 Resp: 155479

Ion Ratio Lower Upper

266 100

268 66.4 53.2 79.8

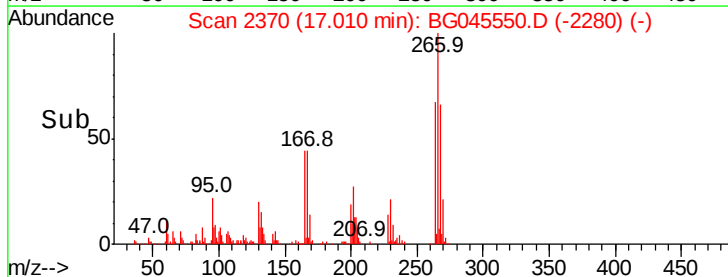
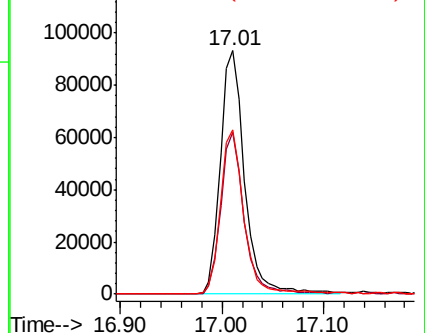
264 67.3 51.0 76.4

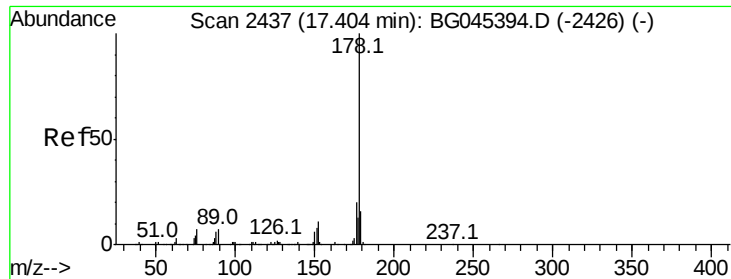


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

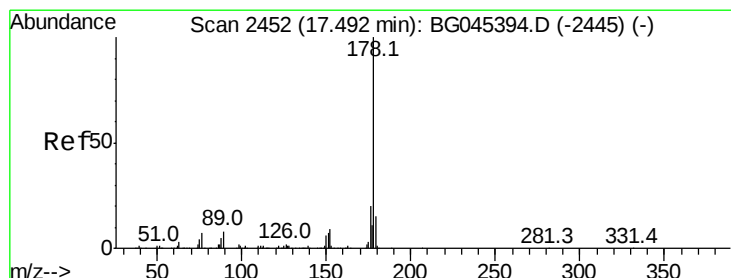
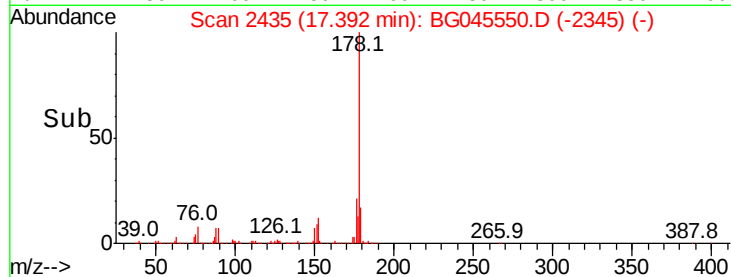
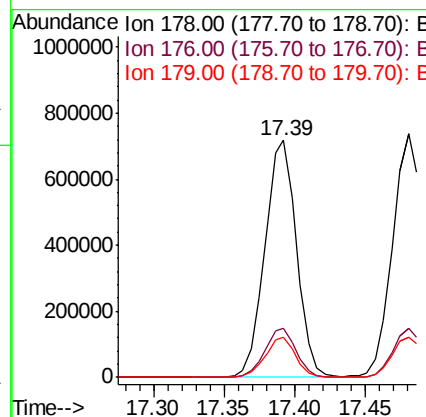
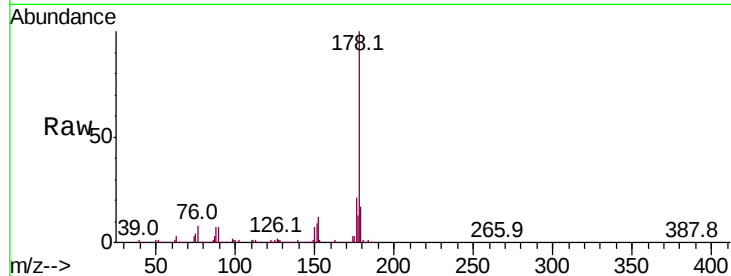




#71
Phenanthrene
Concen: 41.061 ng
RT: 17.39 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BG045550.D
Acq: 30 May 2020 11:22

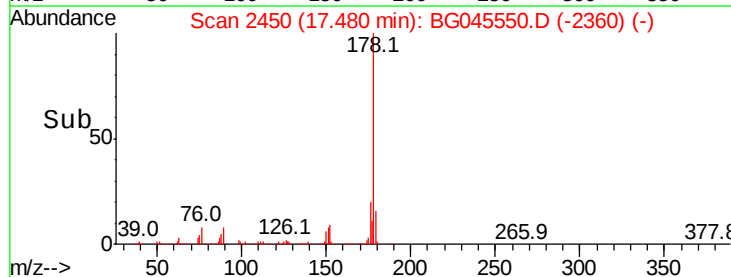
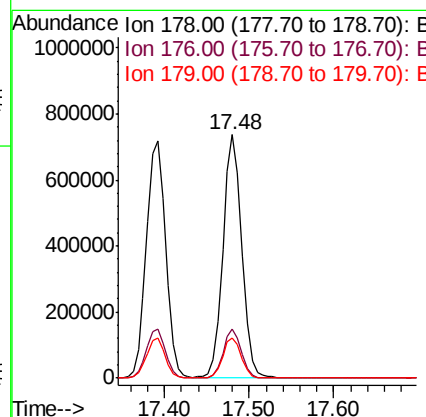
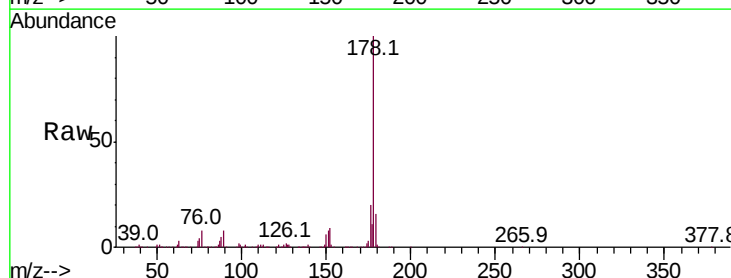
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

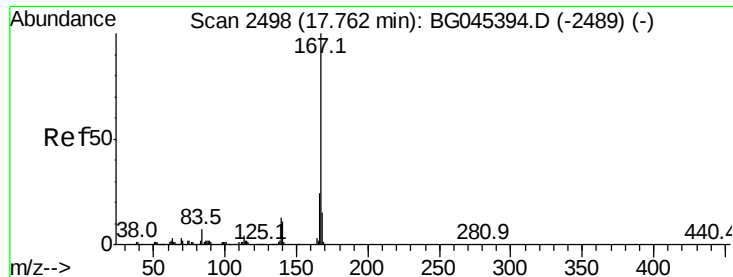
Tot Ion:178 Resp: 1125685
Ion Ratio Lower Upper
178 100
176 20.6 16.2 24.4
179 16.8 13.1 19.7



#72
Anthracene
Concen: 41.595 ng
RT: 17.48 min Scan# 2450
Delta R.T. -0.00 min
Lab File: BG045550.D
Acq: 30 May 2020 11:22

Tgt Ion:178 Resp: 1145152
Ion Ratio Lower Upper
178 100
176 20.1 15.8 23.6
179 16.3 12.2 18.4





#73

Carbazole

Concen: 40.701 ng

RT: 17.76 min Scan# 2497

Delta R.T. -0.00 min

Lab File: BG045550.D

Acq: 30 May 2020 11:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

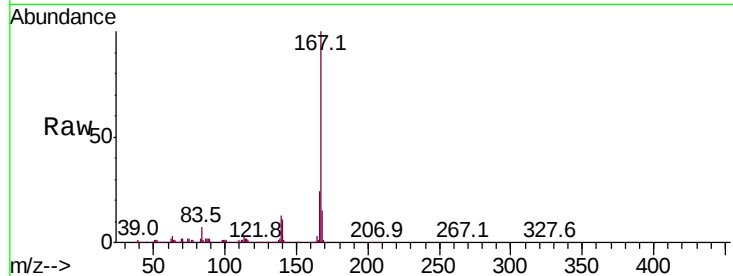
Tot Ion:167 Resp: 1092254

Ion Ratio Lower Upper

167 100

166 24.4 19.2 28.8

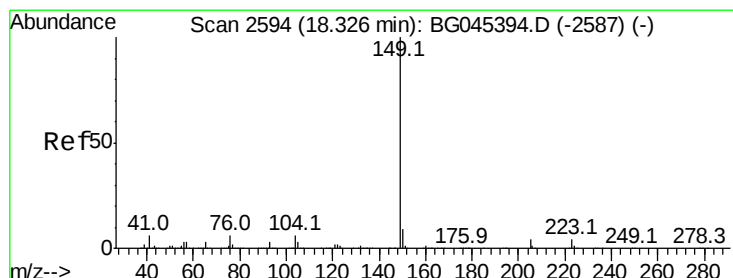
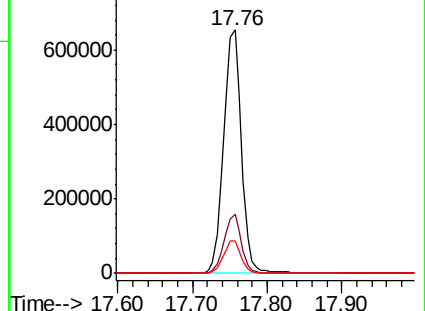
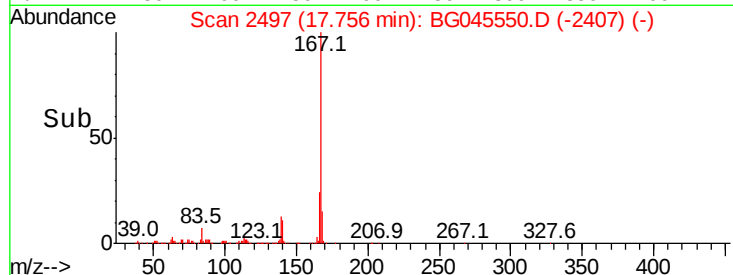
139 13.1 10.6 16.0



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: 39.588 ng

RT: 18.31 min Scan# 2591

Delta R.T. -0.01 min

Lab File: BG045550.D

Acq: 30 May 2020 11:22

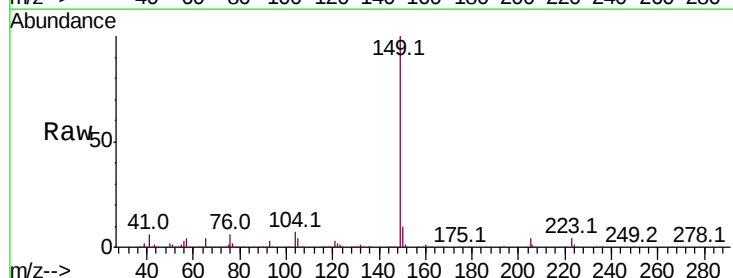
Tgt Ion:149 Resp: 1275126

Ion Ratio Lower Upper

149 100

150 10.4 7.6 11.4

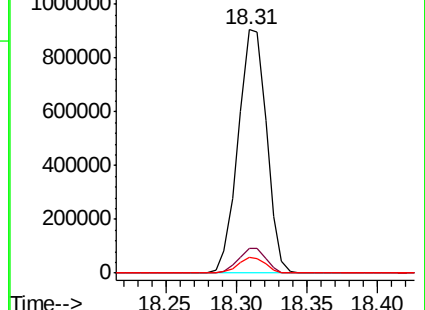
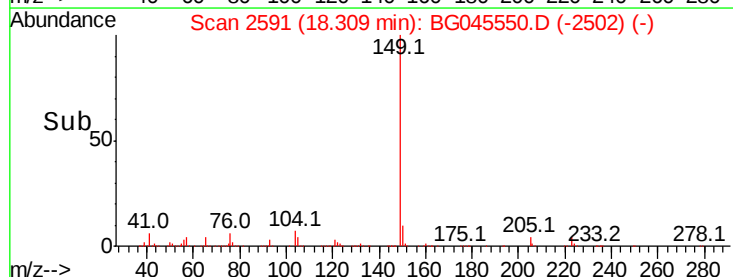
104 6.7 5.0 7.4

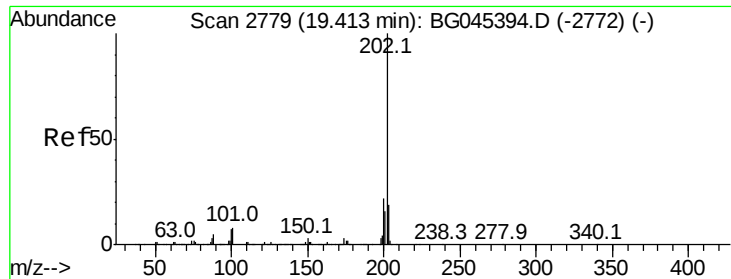


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

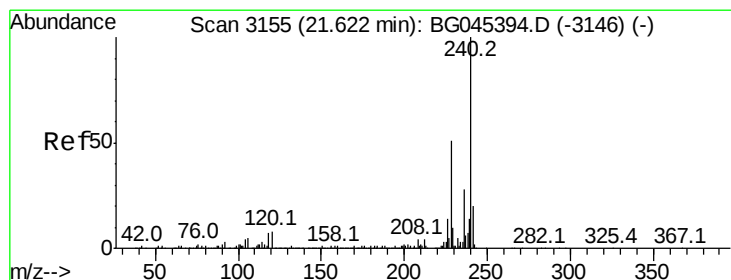
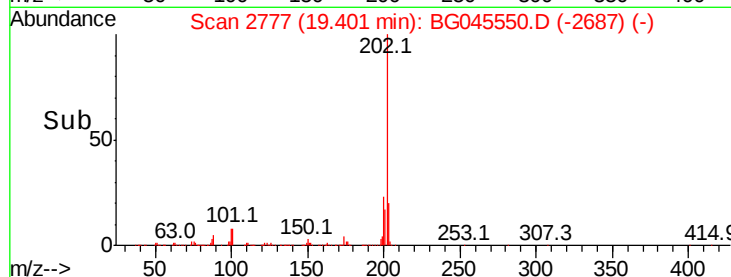
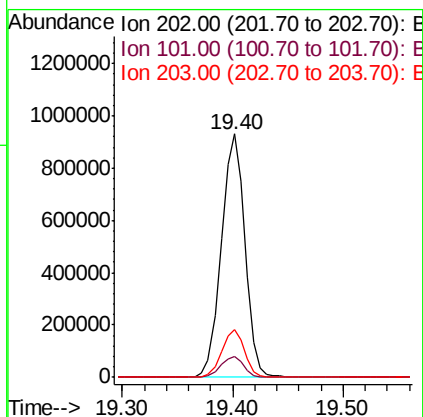
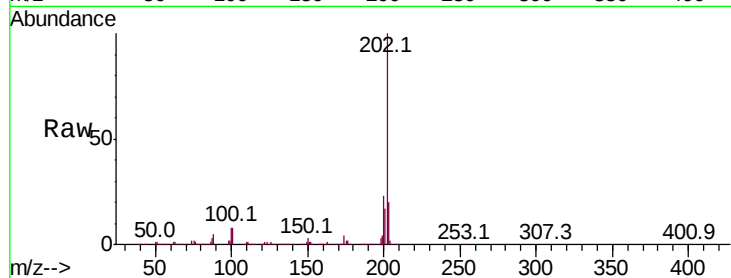




#75
Fluoranthene
Concen: 39.655 ng
RT: 19.40 min Scan# 2777
Delta R.T. -0.00 min
Lab File: BG045550.D
Acq: 30 May 2020 11:22

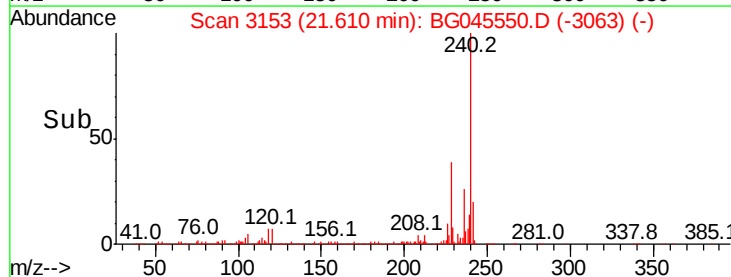
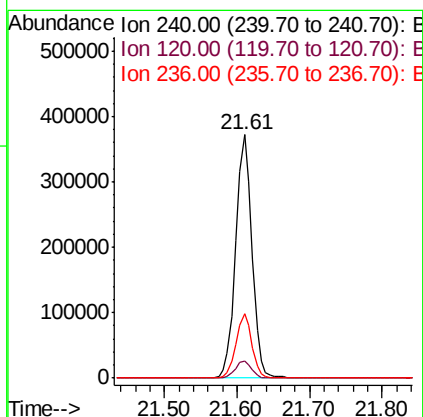
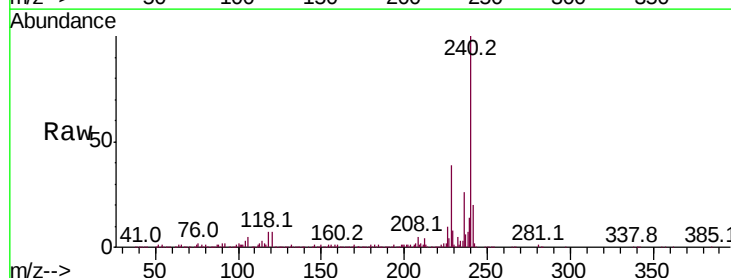
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

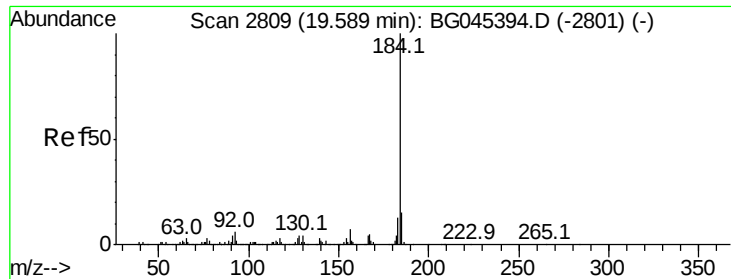
Tot Ion:202 Resp: 1382772
Ion Ratio Lower Upper
202 100
101 8.5 0.0 28.3
203 19.8 0.0 39.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.61 min Scan# 3153
Delta R.T. -0.00 min
Lab File: BG045550.D
Acq: 30 May 2020 11:22

Tgt Ion:240 Resp: 583761
Ion Ratio Lower Upper
240 100
120 6.8 6.1 9.1
236 26.5 22.3 33.5





#77

Benzidine

Concen: 35.916 ng

RT: 19.58 min Scan# 2807

Delta R.T. -0.01 min

Lab File: BG045550.D

Acq: 30 May 2020 11:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

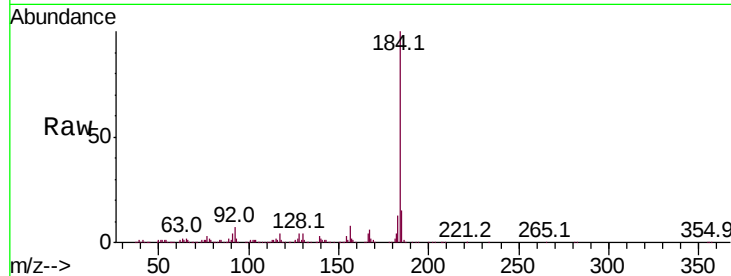
Tot Ion:184 Resp: 588857

Ion	Ratio	Lower	Upper
184	100		
185	15.1	11.7	17.5
183	12.7	10.2	15.4

184 100

185 15.1 11.7 17.5

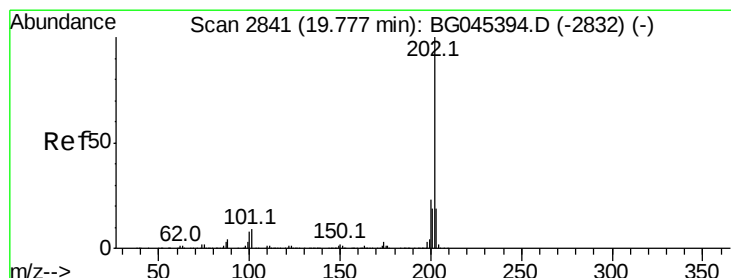
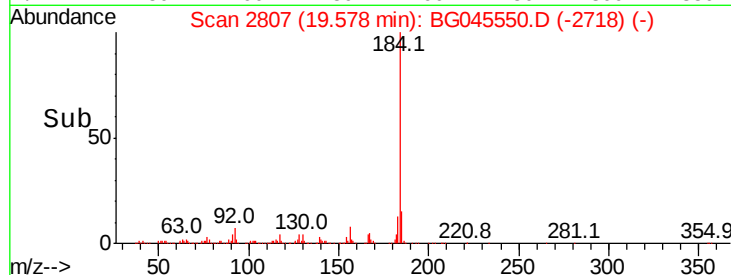
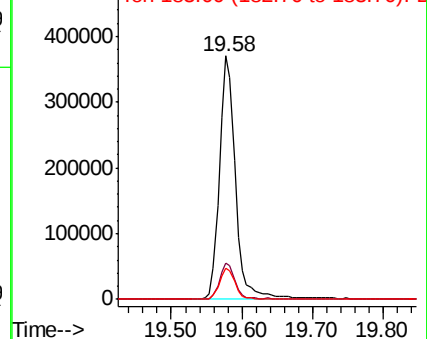
183 12.7 10.2 15.4



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: 41.803 ng

RT: 19.76 min Scan# 2838

Delta R.T. -0.00 min

Lab File: BG045550.D

Acq: 30 May 2020 11:22

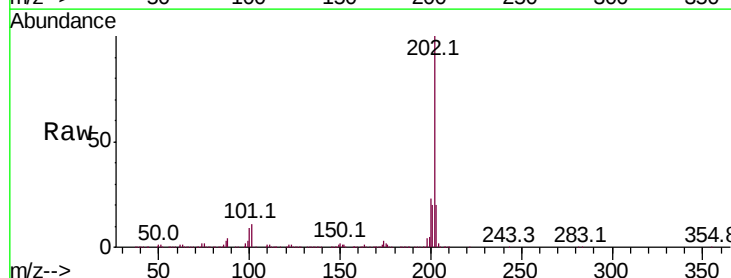
Tgt Ion:202 Resp: 1391079

Ion	Ratio	Lower	Upper
202	100		
200	23.2	18.2	27.2
203	19.9	15.1	22.7

202 100

200 23.2 18.2 27.2

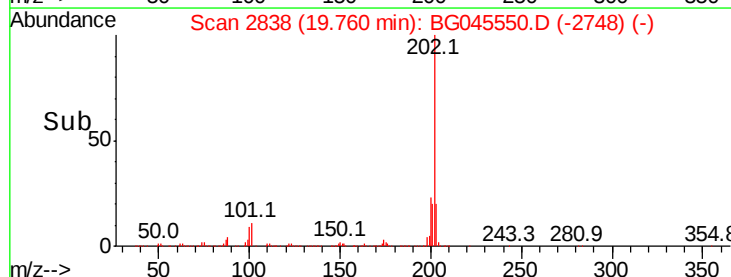
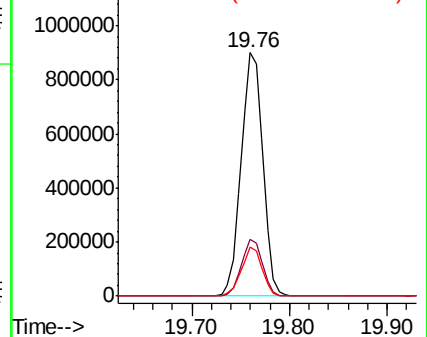
203 19.9 15.1 22.7

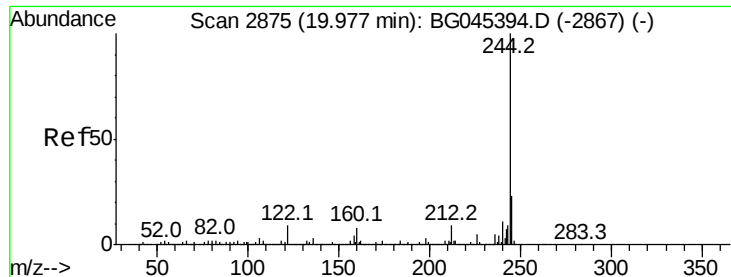


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 80.203 ng

RT: 19.96 min Scan# 2872

Delta R.T. -0.00 min

Lab File: BG045550.D

Acq: 30 May 2020 11:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

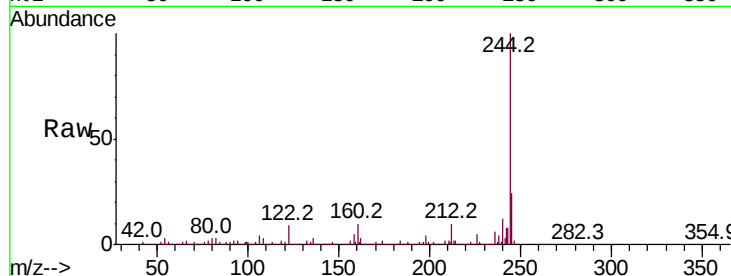
Tot Ion:244 Resp: 2007447

Ion	Ratio	Lower	Upper
244	100		
212	9.8	7.4	11.0
122	9.3	6.8	10.2

244 100

212 9.8 7.4 11.0

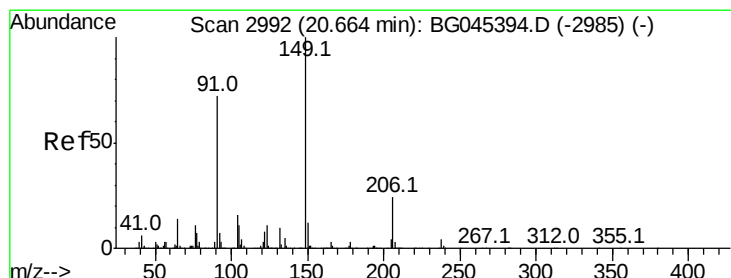
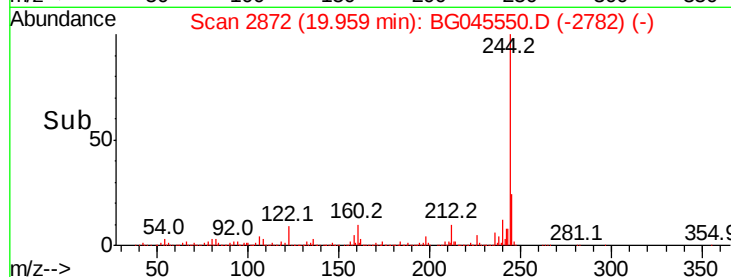
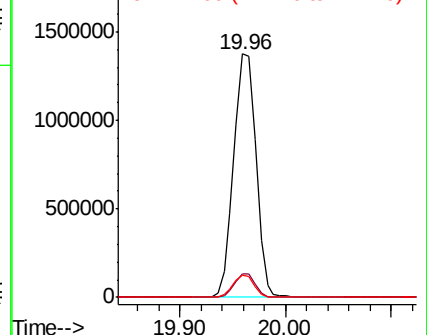
122 9.3 6.8 10.2



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: 41.294 ng

RT: 20.65 min Scan# 2990

Delta R.T. -0.00 min

Lab File: BG045550.D

Acq: 30 May 2020 11:22

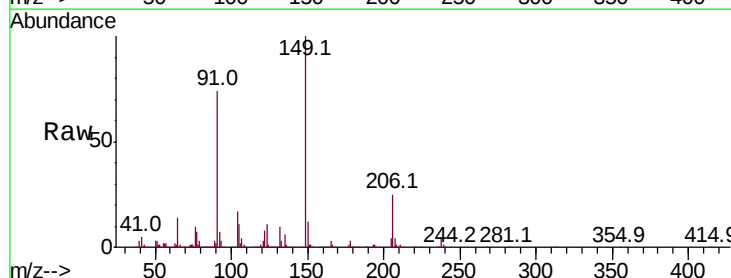
Tgt Ion:149 Resp: 593124

Ion	Ratio	Lower	Upper
149	100		
91	73.8	57.8	86.6
206	25.0	19.1	28.7

149 100

91 73.8 57.8 86.6

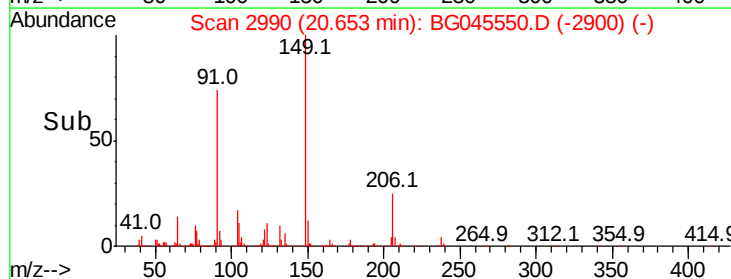
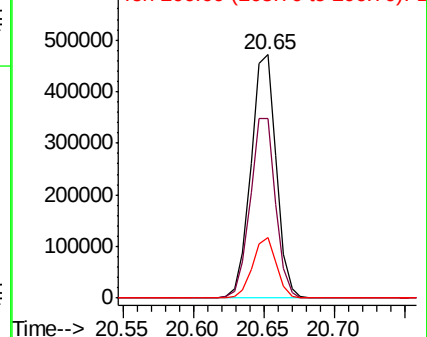
206 25.0 19.1 28.7

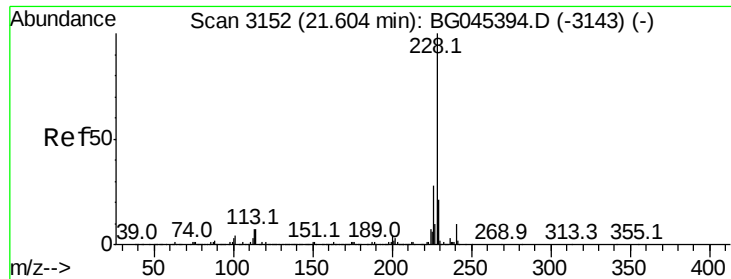


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

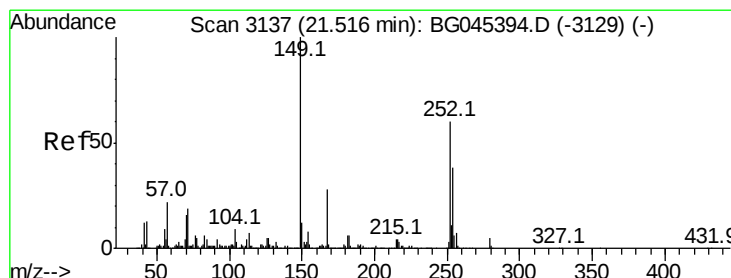
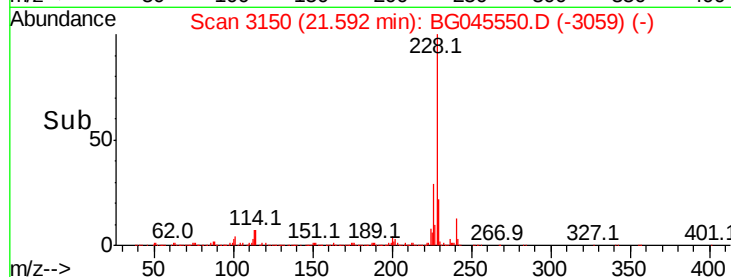
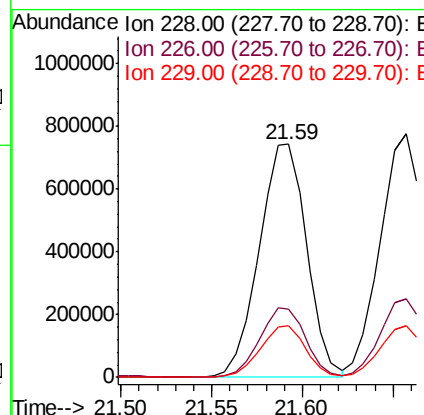
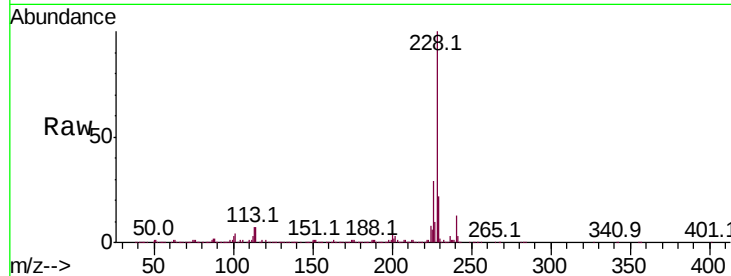




#81
Benzo(a)anthracene
Concen: 41.664 ng
RT: 21.59 min Scan# 3150
Delta R.T. 0.00 min
Lab File: BG045550.D
Acq: 30 May 2020 11:22

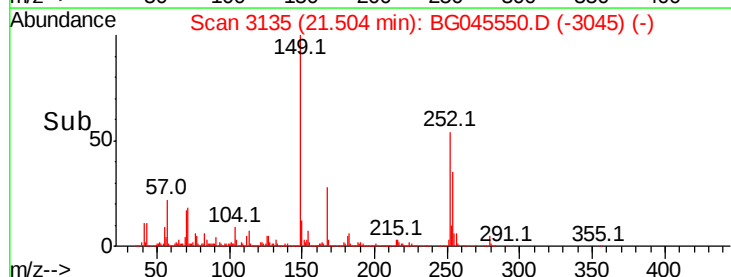
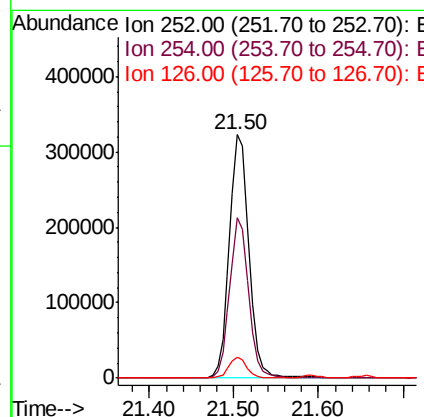
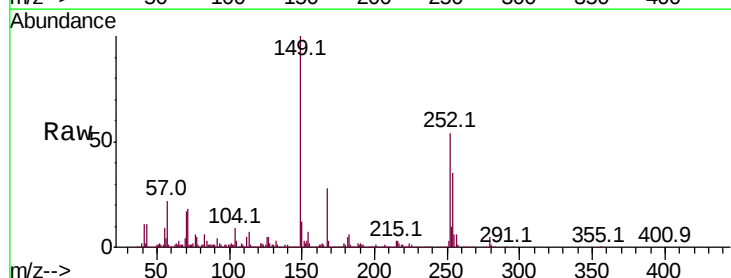
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

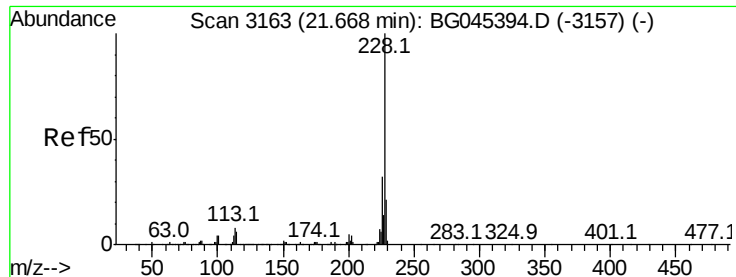
Tot Ion:228 Resp: 1354876
Ion Ratio Lower Upper
228 100
226 29.5 22.7 34.1
229 21.9 16.7 25.1



#82
3,3'-Dichlorobenzidine
Concen: 40.477 ng
RT: 21.50 min Scan# 3135
Delta R.T. -0.00 min
Lab File: BG045550.D
Acq: 30 May 2020 11:22

Tgt Ion:252 Resp: 516324
Ion Ratio Lower Upper
252 100
254 65.7 51.3 76.9
126 8.5 6.6 10.0



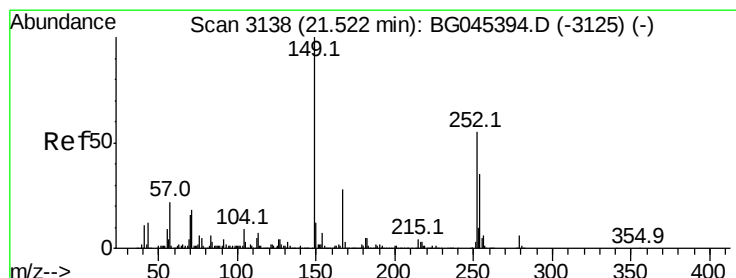
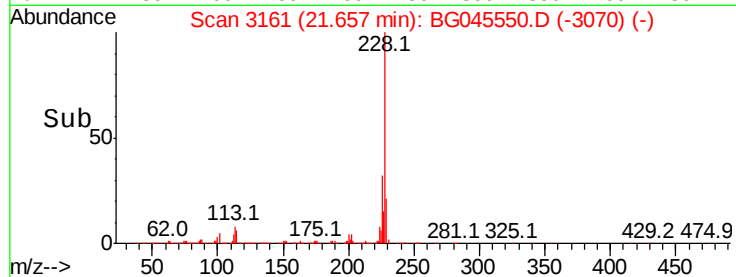
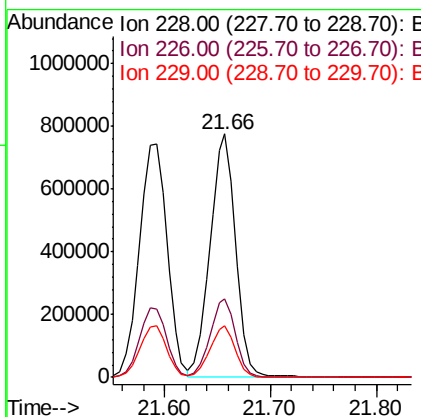
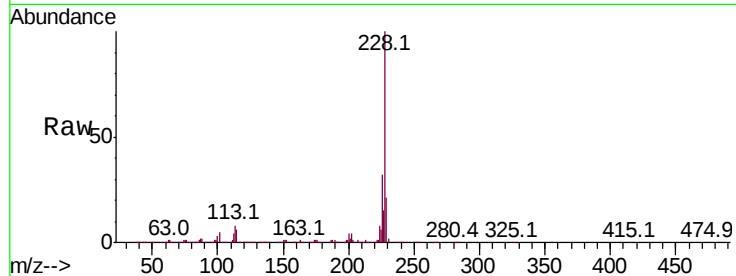


#83
 Chrysene
 Concen: 41.803 ng
 RT: 21.66 min Scan# 3161
 Delta R.T. 0.00 min
 Lab File: BG045550.D
 Acq: 30 May 2020 11:22

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:228 Resp: 1307127

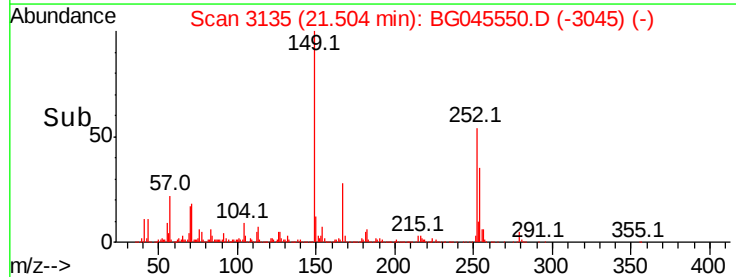
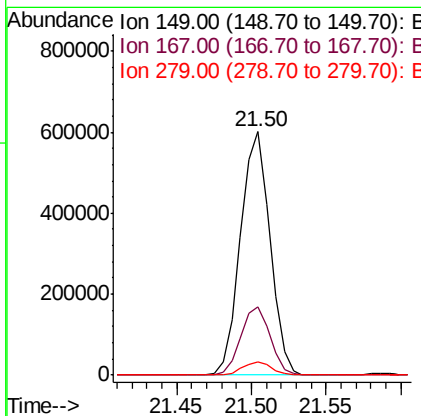
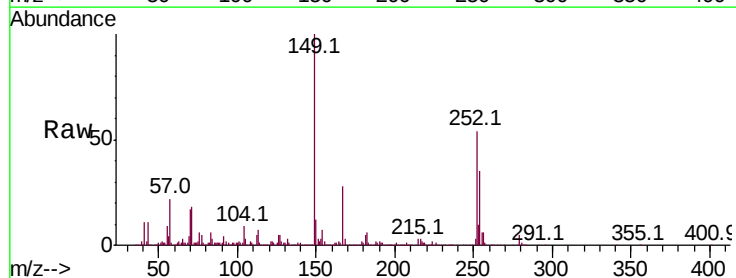
Ion	Ratio	Lower	Upper
228	100		
226	32.3	25.2	37.8
229	21.2	16.7	25.1

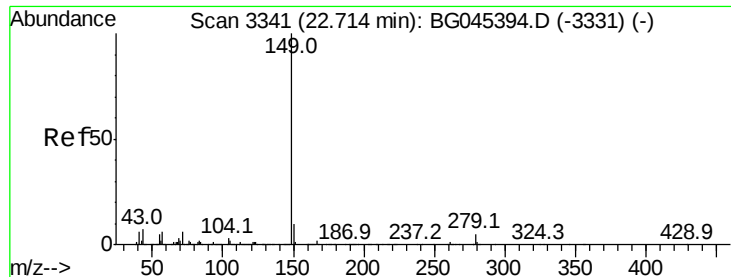


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.794 ng
 RT: 21.50 min Scan# 3135
 Delta R.T. -0.00 min
 Lab File: BG045550.D
 Acq: 30 May 2020 11:22

Tgt Ion:149 Resp: 825196

Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.2	33.2
279	5.5	4.7	7.1





#85

Di-n-octyl phthalate

Concen: 41.845 ng

RT: 22.69 min Scan# 3337

Delta R.T. -0.00 min

Lab File: BG045550.D

Acq: 30 May 2020 11:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

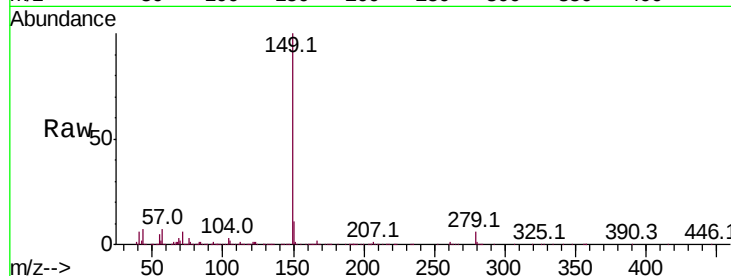
Tot Ion:149 Resp: 1419000

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

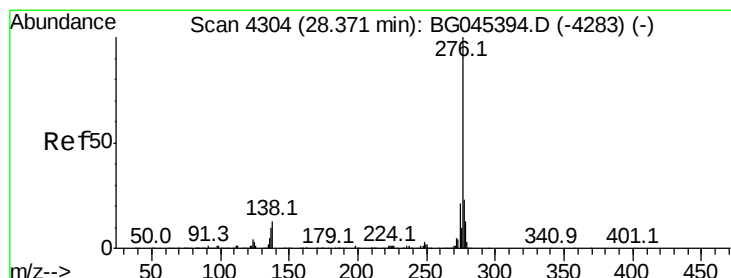
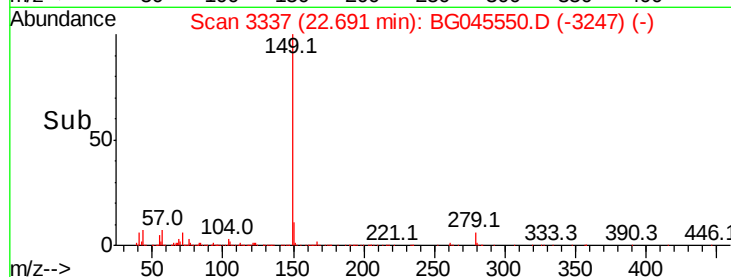
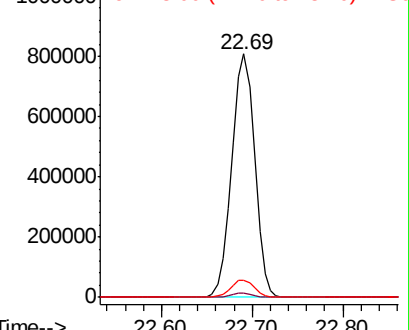
43 7.2 5.8 8.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.169 ng

RT: 28.32 min Scan# 4296

Delta R.T. -0.02 min

Lab File: BG045550.D

Acq: 30 May 2020 11:22

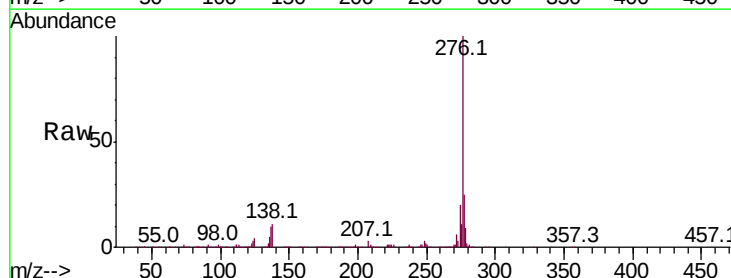
Tgt Ion:276 Resp: 1765144

Ion Ratio Lower Upper

276 100

138 4.7 8.6 12.8#

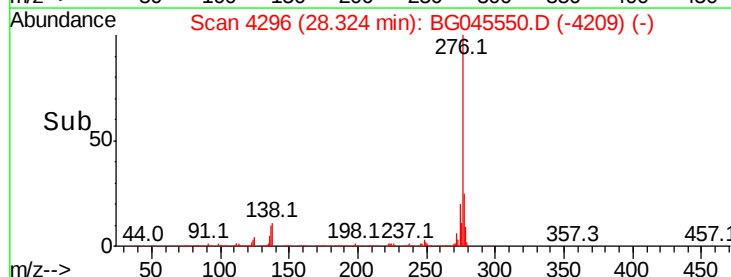
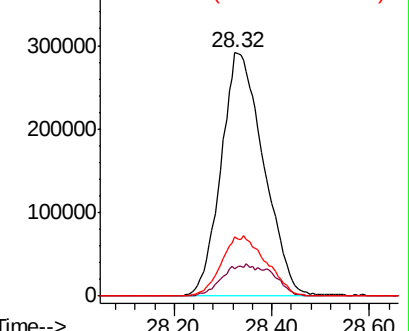
277 0.0 20.2 30.4#

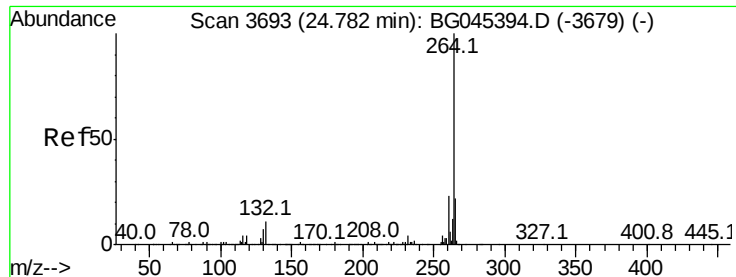


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.76 min Scan# 3689

Delta R.T. 0.00 min

Lab File: BG045550.D

Acq: 30 May 2020 11:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

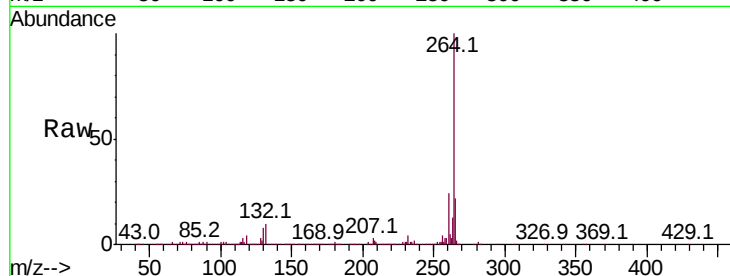
Tot Ion:264 Resp: 661668

Ion Ratio Lower Upper

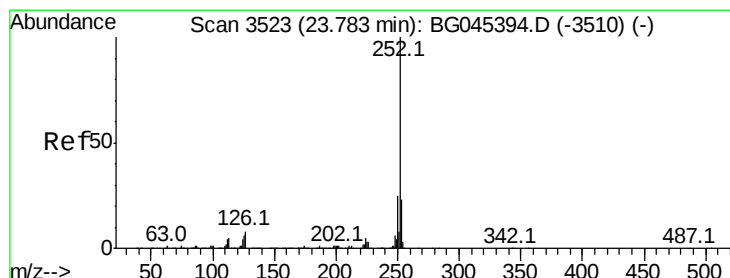
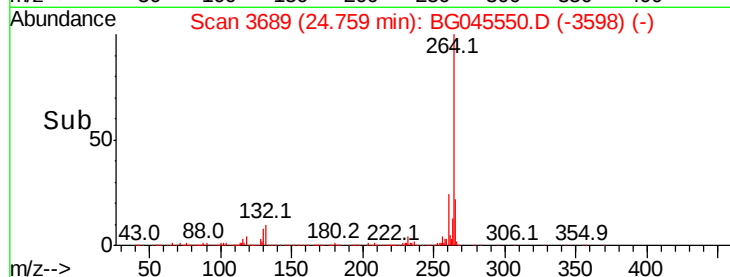
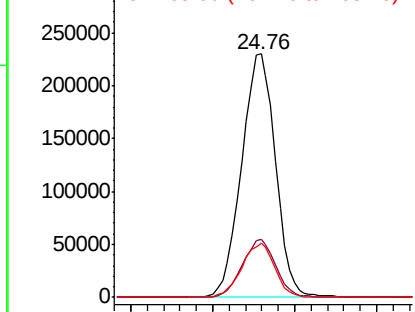
264 100

260 24.1 18.2 27.4

265 22.3 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: 42.048 ng

RT: 23.76 min Scan# 3519

Delta R.T. -0.00 min

Lab File: BG045550.D

Acq: 30 May 2020 11:22

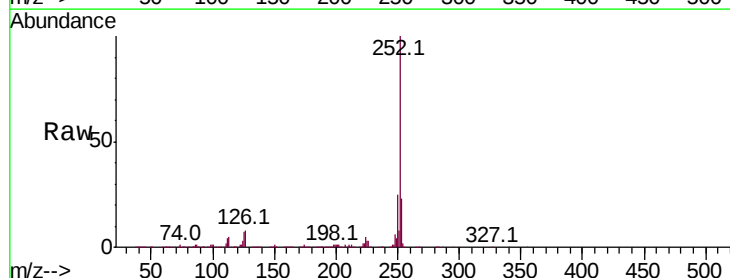
Tgt Ion:252 Resp: 1492127

Ion Ratio Lower Upper

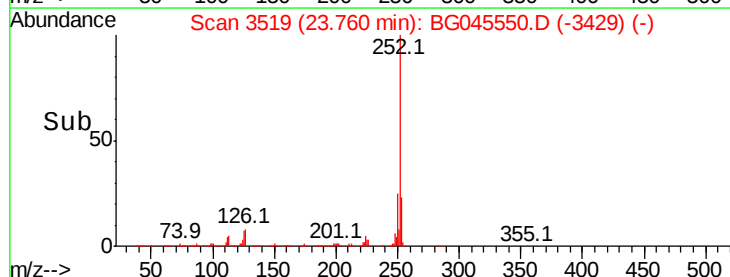
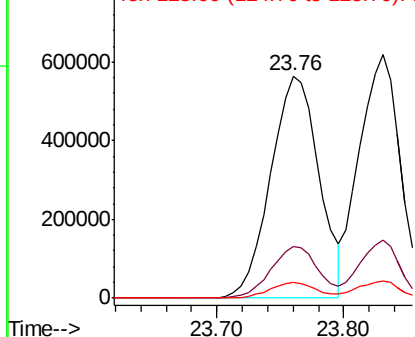
252 100

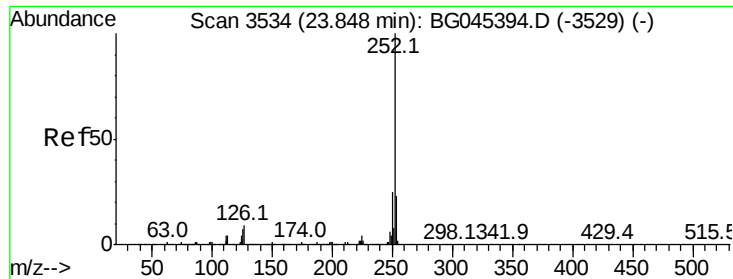
253 23.1 18.1 27.1

125 7.0 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

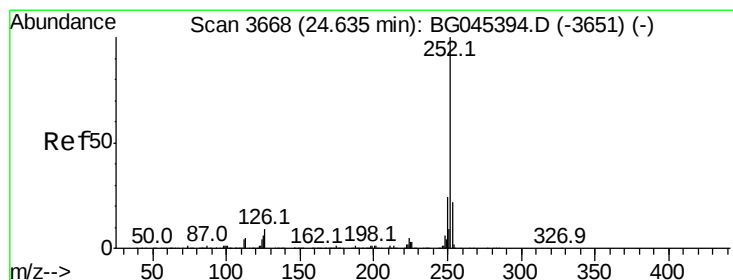
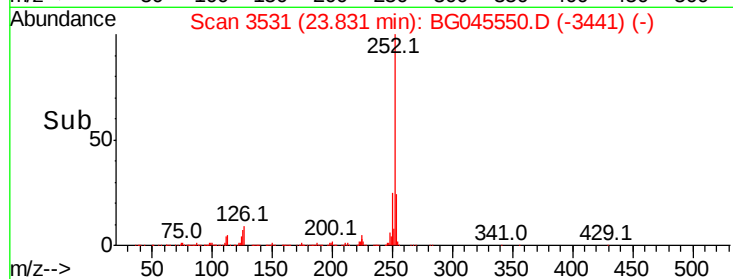
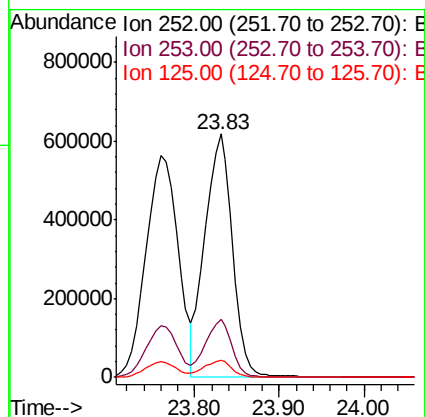
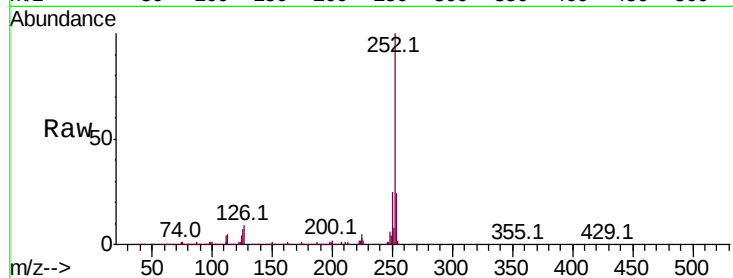




#89
Benzo(k)fluoranthene
Concen: 42.030 ng
RT: 23.83 min Scan# 3531
Delta R.T. -0.00 min
Lab File: BG045550.D
Acq: 30 May 2020 11:22

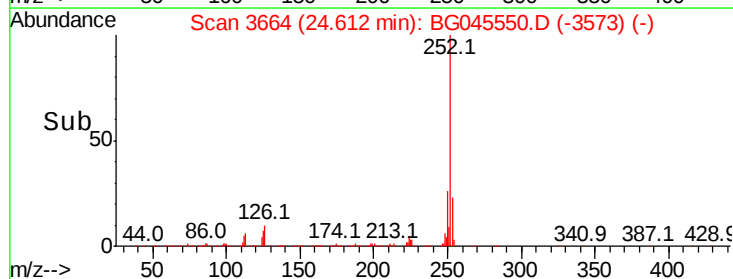
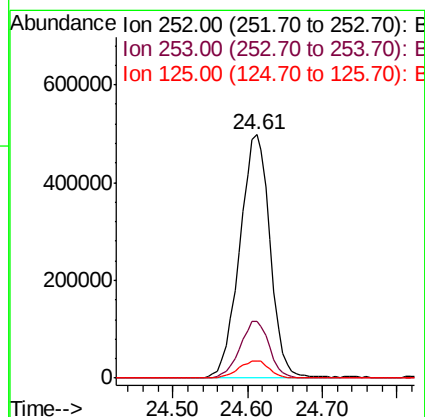
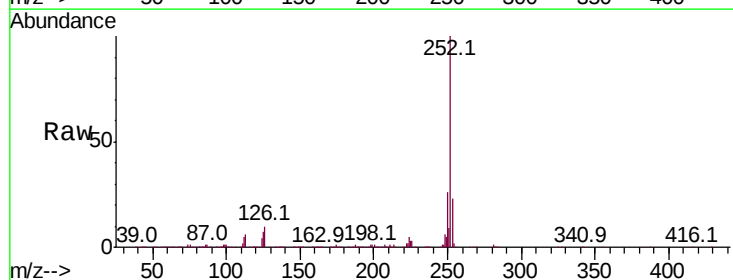
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

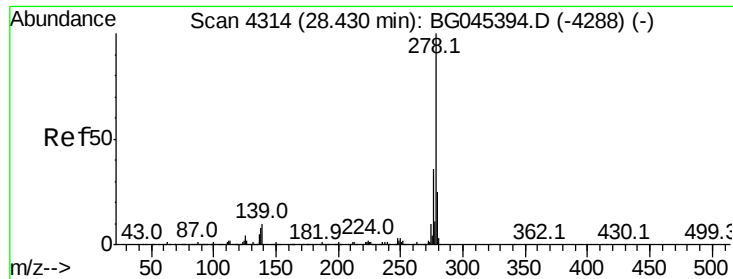
Tot Ion:252 Resp: 1401228
Ion Ratio Lower Upper
252 100
253 23.6 18.4 27.6
125 6.8 5.7 8.5



#90
Benzo(a)pyrene
Concen: 42.489 ng
RT: 24.61 min Scan# 3664
Delta R.T. 0.00 min
Lab File: BG045550.D
Acq: 30 May 2020 11:22

Tgt Ion:252 Resp: 1404238
Ion Ratio Lower Upper
252 100
253 23.4 17.2 25.8
125 6.8 5.0 7.6





#91

Dibenzo(a,h)anthracene

Concen: 42.151 ng

RT: 28.39 min Scan# 4308

Delta R.T. 0.00 min

Lab File: BG045550.D

Acq: 30 May 2020 11:22

Instrument :

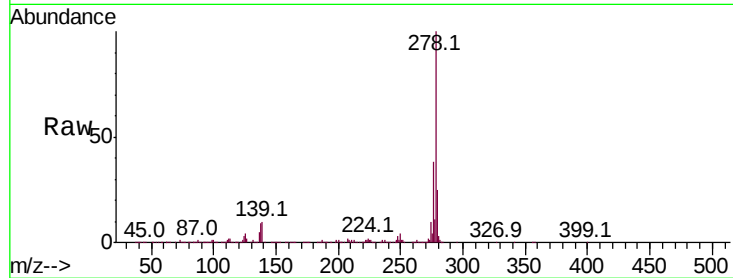
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:278 Resp: 1399880

Ion	Ratio	Lower	Upper
278	100		
139	9.5	7.8	11.8
279	24.7	19.8	29.8

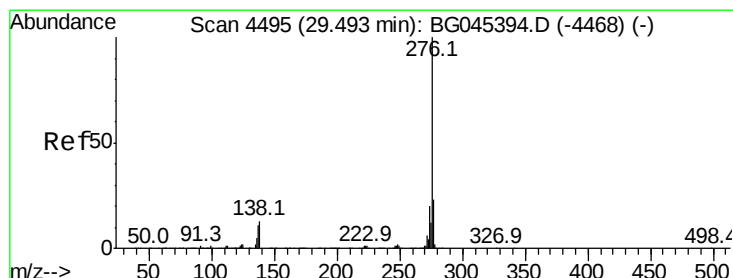
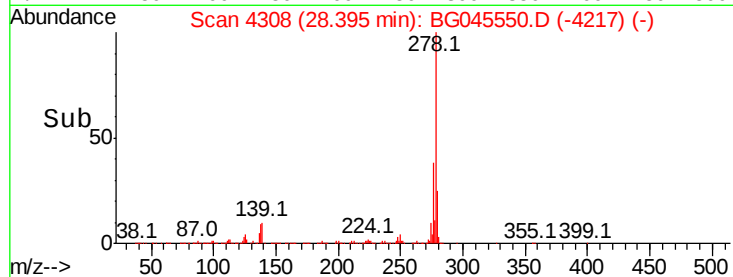
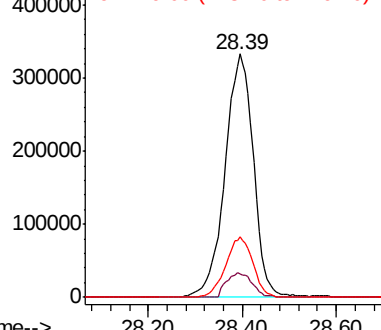


Abundance

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: 42.469 ng

RT: 29.45 min Scan# 4488

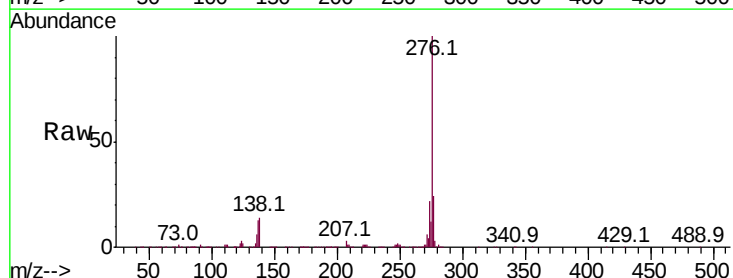
Delta R.T. 0.00 min

Lab File: BG045550.D

Acq: 30 May 2020 11:22

Tgt Ion:276 Resp: 1410621

Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.1	27.1
138	14.1	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

