

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052820\
 Data File : BG045509.D
 Acq On : 29 May 2020 1:44
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: May 29 06:31:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 28 13:15:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	93632	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	389892	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	277150	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	613284	20.00	ng	0.00
76) Chrysene-d12	21.61	240	540908	20.00	ng	0.00
87) Perylene-d12	24.75	264	591900	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	401204	83.74	ng	0.00
7) Phenol-d6	7.16	99	594456	87.17	ng	0.00
23) Nitrobenzene-d5	9.12	82	592595	82.88	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	285641	80.59	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1330390	81.42	ng	0.00
79) Terphenyl-d14	19.96	244	1941484	83.71	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.41	88	92049	38.744	ng	99
3) Pyridine	3.81	79	266745	40.313	ng	95
4) n-Nitrosodimethylamine	3.72	42	88993	41.101	ng	88
6) Aniline	7.29	93	375320	42.162	ng	98
8) 2-Chlorophenol	7.53	128	224555	42.740	ng	97
9) Benzaldehyde	7.09	77	179405	40.381	ng	97
10) Phenol	7.19	94	306482	43.608	ng	97
11) bis(2-Chloroethyl)ether	7.38	93	233957	42.678	ng	97
12) 1,3-Dichlorobenzene	7.85	146	266550	42.217	ng	98
13) 1,4-Dichlorobenzene	7.99	146	269626	43.272	ng	99
14) 1,2-Dichlorobenzene	8.32	146	256585	42.815	ng	96
15) Benzyl Alcohol	8.21	79	246456	43.750	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.49	45	216169	41.542	ng	99
17) 2-Methylphenol	8.43	107	227029	43.158	ng	96
18) Hexachloroethane	9.04	117	101670	42.604	ng	91
19) n-Nitroso-di-n-propylamine	8.77	70	200999	42.625	ng	96
20) 3+4-Methylphenols	8.77	107	314766	43.941	ng	# 74
22) Acetophenone	8.78	105	381369	41.270	ng	95
24) Nitrobenzene	9.16	77	313072	40.869	ng	98
25) Isophorone	9.68	82	575595	40.878	ng	99
26) 2-Nitrophenol	9.88	139	140455	42.862	ng	91
27) 2,4-Dimethylphenol	9.96	122	206394	42.466	ng	96
28) bis(2-Chloroethoxy)methane	10.17	93	301419	40.818	ng	97
29) 2,4-Dichlorophenol	10.44	162	247306	43.090	ng	99
30) 1,2,4-Trichlorobenzene	10.63	180	288769	42.580	ng	98
31) Naphthalene	10.81	128	751426	41.358	ng	99
32) Benzoic acid	10.15	122	141992	44.009	ng	91
33) 4-Chloroaniline	10.93	127	329075	43.330	ng	96
34) Hexachlorobutadiene	11.11	225	202327	42.205	ng	98
35) Caprolactam	11.71	113	85563	40.616	ng	# 82
36) 4-Chloro-3-methylphenol	12.09	107	273836	42.342	ng	99
37) 2-Methylnaphthalene	12.42	142	574274	42.407	ng	98
38) 1-Methylnaphthalene	12.42	142	574274	44.893	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	324506	41.919	ng	99

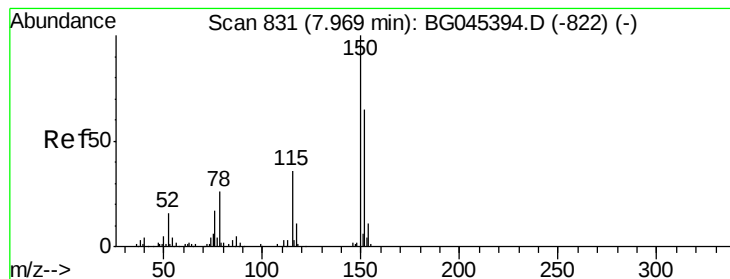
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052820\
 Data File : BG045509.D
 Acq On : 29 May 2020 1:44
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 QLast Update : Thu May 28 13:15:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	126280	28.263	ng	98
43) 2,4,6-Trichlorophenol	13.04	196	224471	41.742	ng	99
44) 2,4,5-Trichlorophenol	13.13	196	253058	41.180	ng	99
46) 1,1'-Biphenyl	13.43	154	703650	41.319	ng	100
47) 2-Chloronaphthalene	13.48	162	567631	41.047	ng	99
48) 2-Nitroaniline	13.68	65	182477	40.115	ng	87
49) Acenaphthylene	14.32	152	906603	40.815	ng	99
50) Dimethylphthalate	14.06	163	740225	38.934	ng	98
51) 2,6-Dinitrotoluene	14.17	165	169396	39.485	ng	96
52) Acenaphthene	14.67	154	548072	36.861	ng	96
53) 3-Nitroaniline	14.51	138	174569	40.029	ng	97
54) 2,4-Dinitrophenol	14.72	184	86693	34.202	ng	99
55) Dibenzofuran	15.00	168	887877	40.212	ng	96
56) 4-Nitrophenol	14.87	139	117999	35.738	ng	93
57) 2,4-Dinitrotoluene	14.97	165	245439	39.503	ng	99
58) Fluorene	15.65	166	731221	40.310	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.24	232	213916	39.568	ng	98
60) Diethylphthalate	15.42	149	765220	38.670	ng	99
61) 4-Chlorophenyl-phenylether	15.64	204	421425	40.599	ng	99
62) 4-Nitroaniline	15.68	138	174696	38.371	ng	98
63) Azobenzene	15.93	77	720793	39.064	ng	98
65) 4,6-Dinitro-2-methylphenol	15.73	198	138068	38.656	ng	96
66) n-Nitrosodiphenylamine	15.86	169	640358	43.488	ng	96
67) 4-Bromophenyl-phenylether	16.54	248	299540	45.106	ng	95
68) Hexachlorobenzene	16.66	284	303532	43.700	ng	99
69) Atrazine	16.81	200	243266	40.110	ng	97
70) Pentachlorophenol	17.02	266	143914	39.904	ng	98
71) Phenanthrene	17.39	178	1107809	41.377	ng	99
72) Anthracene	17.49	178	1119097	41.623	ng	98
73) Carbazole	17.76	167	1049547	40.047	ng	99
74) Di-n-butylphthalate	18.31	149	1221026	38.817	ng	98
75) Fluoranthene	19.40	202	1308678	38.430	ng	98
77) Benzidine	19.58	184	576639	37.958	ng	98
78) Pyrene	19.76	202	1311095	42.521	ng	99
80) Butylbenzylphthalate	20.65	149	551133	41.411	ng	97
81) Benzo(a)anthracene	21.59	228	1263338	41.926	ng	98
82) 3,3'-Dichlorobenzidine	21.51	252	493839	41.781	ng	100
83) Chrysene	21.66	228	1218163	42.044	ng	98
84) Bis(2-ethylhexyl)phthalate	21.50	149	754217	41.226	ng	97
85) Di-n-octyl phthalate	22.69	149	1291320	41.096	ng	100
86) Indeno(1,2,3-cd)pyrene	28.33	276	1571290	41.472	ng	# 96
88) Benzo(b)fluoranthene	23.77	252	1338240	42.157	ng	99
89) Benzo(k)fluoranthene	23.83	252	1276375	42.798	ng	99
90) Benzo(a)pyrene	24.61	252	1254432	42.431	ng	96
91) Dibenzo(a,h)anthracene	28.39	278	1257285	42.320	ng	100
92) Benzo(g,h,i)perylene	29.45	276	1256345	42.283	ng	98

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

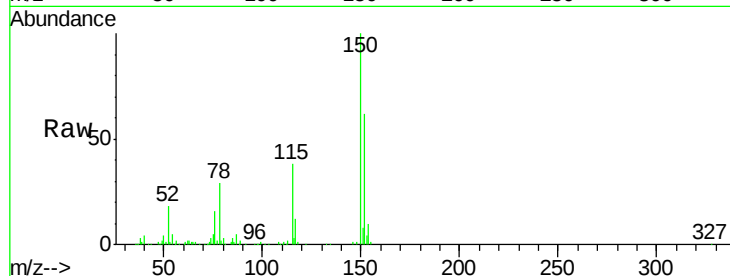


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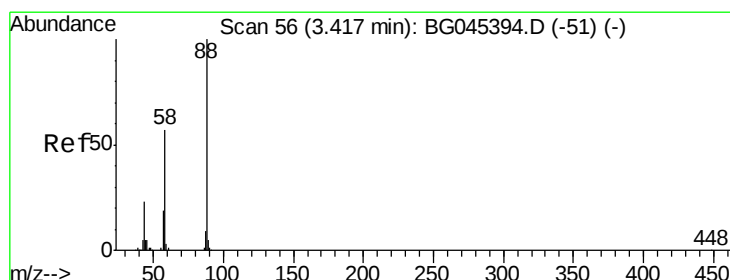
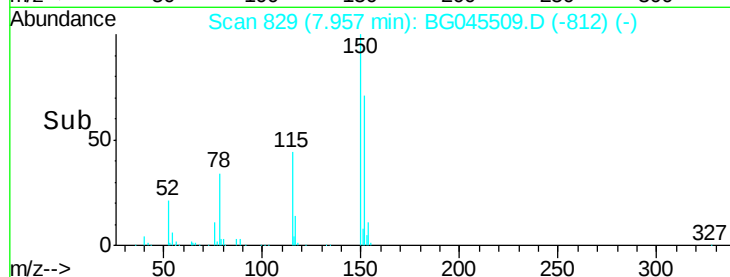
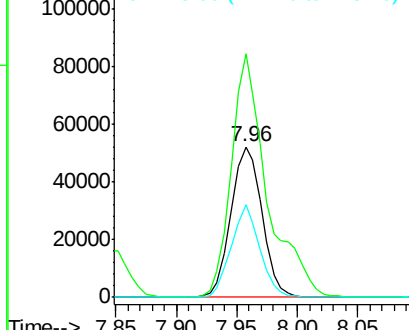
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BG045509.D
Acq: 29 May 2020 1:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 93632
Ion Ratio Lower Upper
152 100
150 162.1 122.4 183.6
115 61.6 44.2 66.4



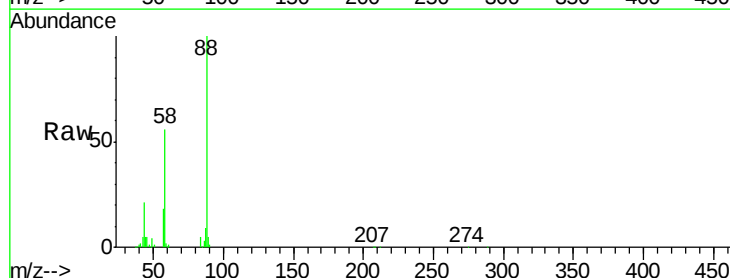
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



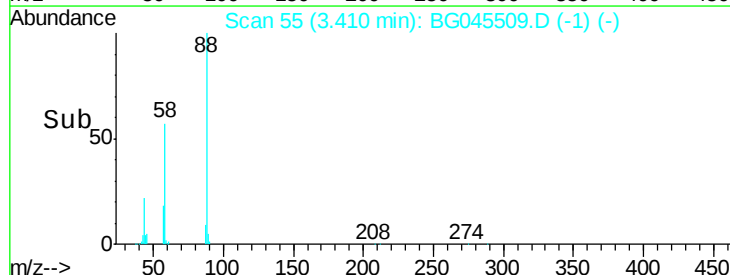
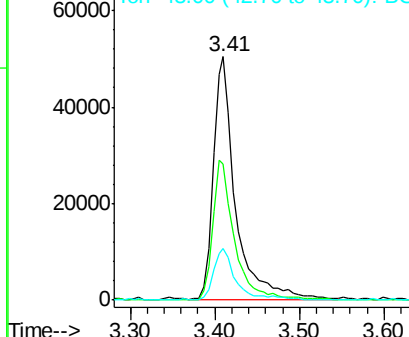
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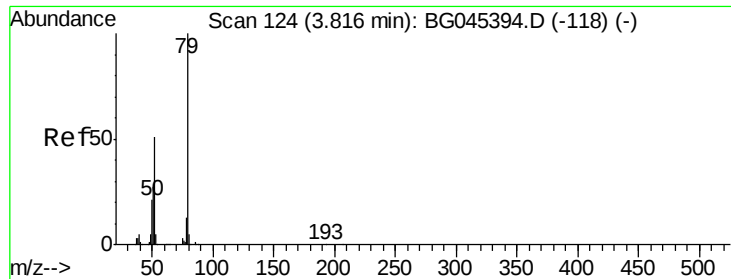
1,4-Dioxane
Concen: 38.744 ng
RT: 3.41 min Scan# 55
Delta R.T. 0.00 min
Lab File: BG045509.D
Acq: 29 May 2020 1:44

Tgt Ion: 88 Resp: 92049
Ion Ratio Lower Upper
88 100
58 57.9 45.7 68.5
43 22.0 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: 40.313 ng

RT: 3.81 min Scan# 123

Delta R.T. 0.00 min

Lab File: BG045509.D

Acq: 29 May 2020 1:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

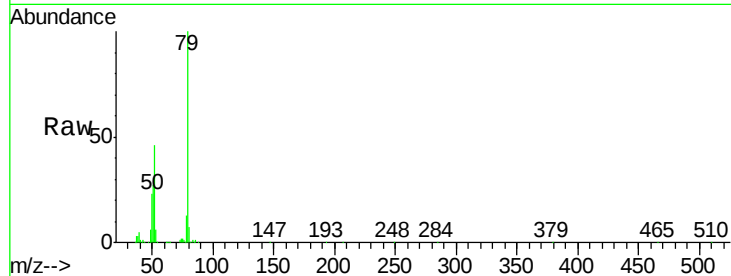
Tot Ion: 79 Resp: 266745

Ion Ratio Lower Upper

79 100

52 46.2 40.8 61.2

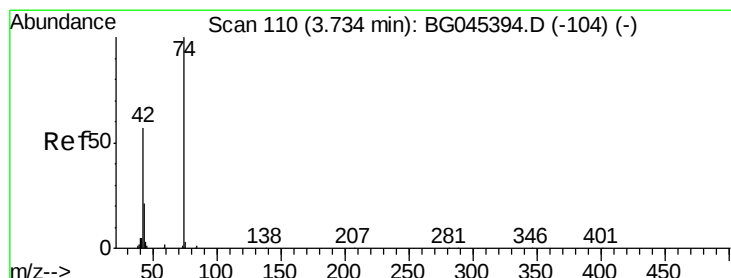
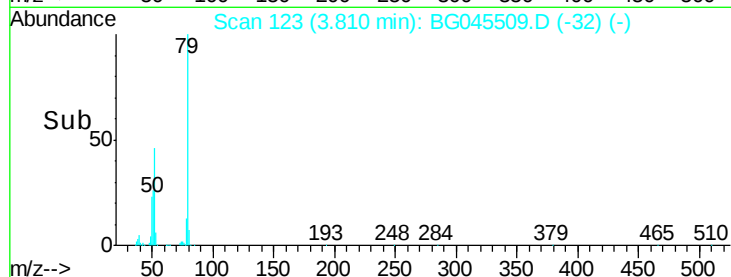
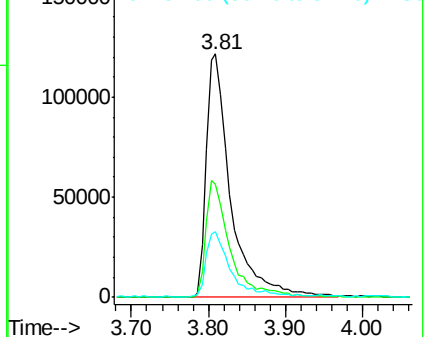
51 27.1 21.9 32.9



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 41.101 ng

RT: 3.72 min Scan# 108

Delta R.T. -0.00 min

Lab File: BG045509.D

Acq: 29 May 2020 1:44

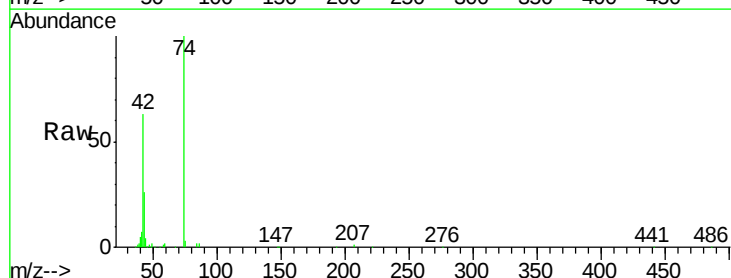
Tgt Ion: 42 Resp: 88993

Ion Ratio Lower Upper

42 100

74 159.3 141.3 211.9

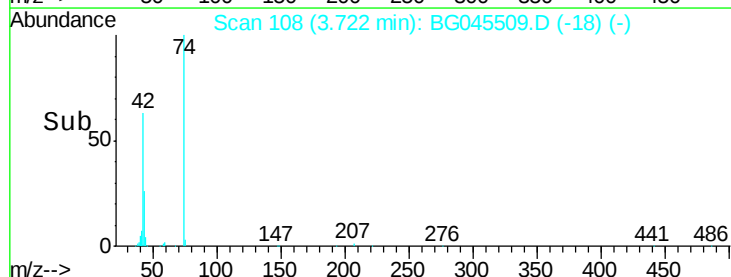
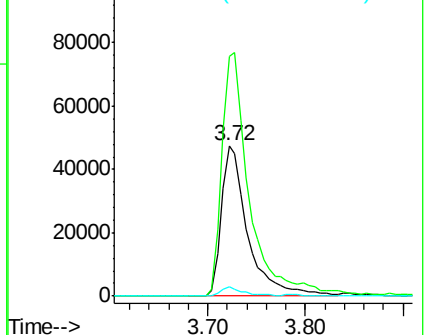
44 5.9 4.2 6.4

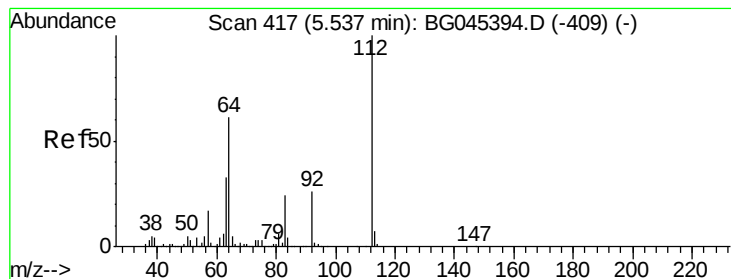


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 83.740 ng

RT: 5.55 min Scan# 420

Delta R.T. 0.00 min

Lab File: BG045509.D

Acq: 29 May 2020 1:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

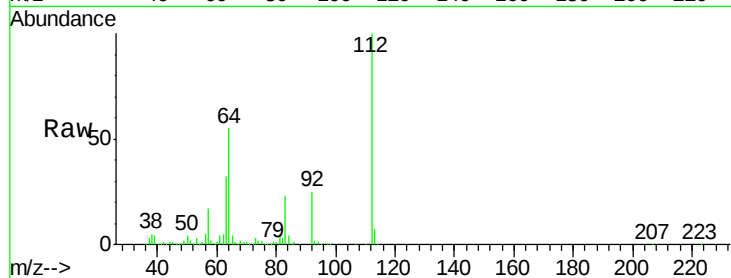
Tot Ion:112 Resp: 401204

Ion Ratio Lower Upper

112 100

64 55.2 48.6 72.8

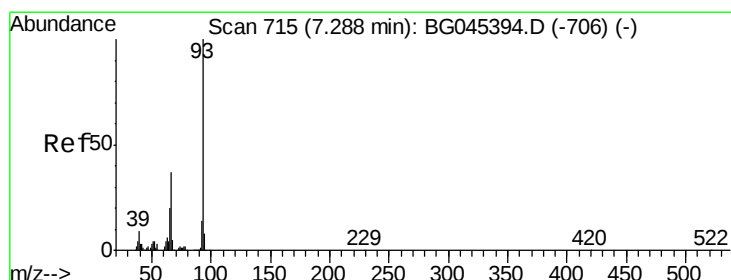
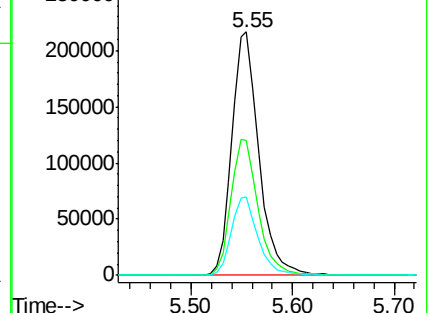
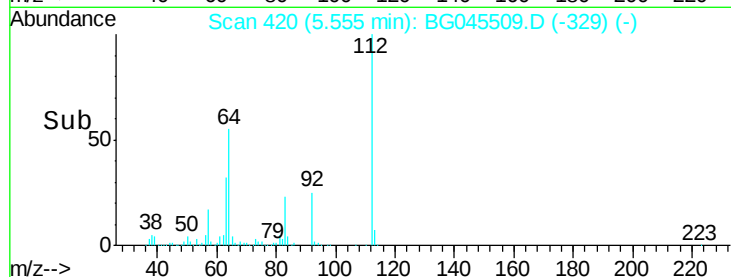
63 32.0 26.5 39.7



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: 42.162 ng

RT: 7.29 min Scan# 715

Delta R.T. 0.00 min

Lab File: BG045509.D

Acq: 29 May 2020 1:44

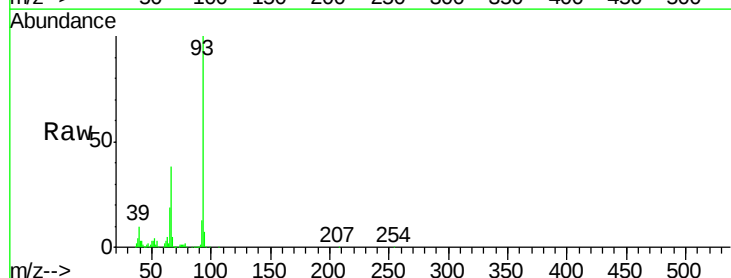
Tgt Ion: 93 Resp: 375320

Ion Ratio Lower Upper

93 100

66 37.6 29.6 44.4

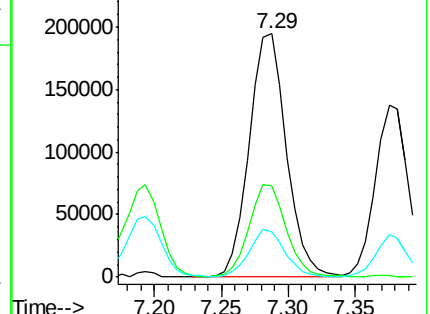
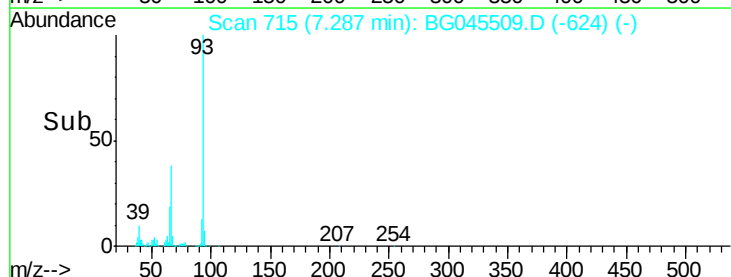
65 18.5 15.9 23.9



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: 87.175 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG045509.D

Acq: 29 May 2020 1:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

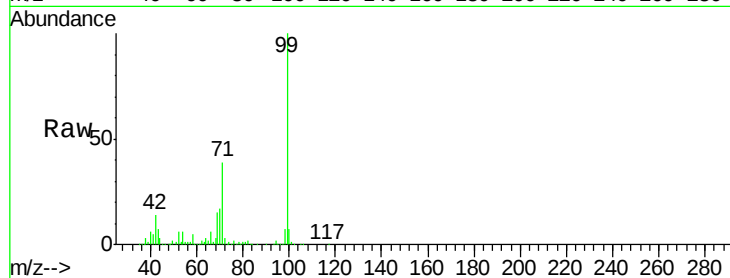
Tot Ion: 99 Resp: 594456

Ion Ratio Lower Upper

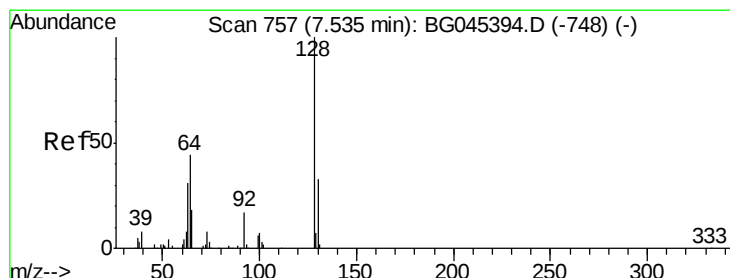
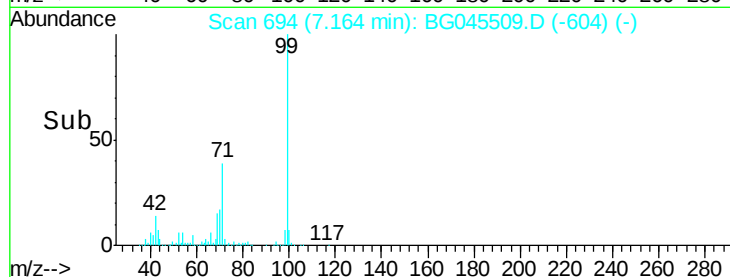
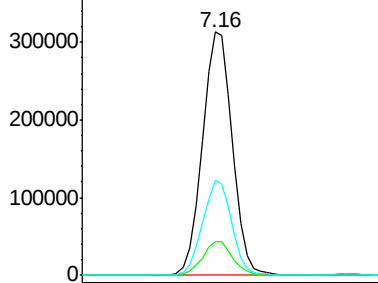
99 100

42 13.8 11.3 16.9

71 39.3 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: 42.740 ng

RT: 7.53 min Scan# 757

Delta R.T. -0.00 min

Lab File: BG045509.D

Acq: 29 May 2020 1:44

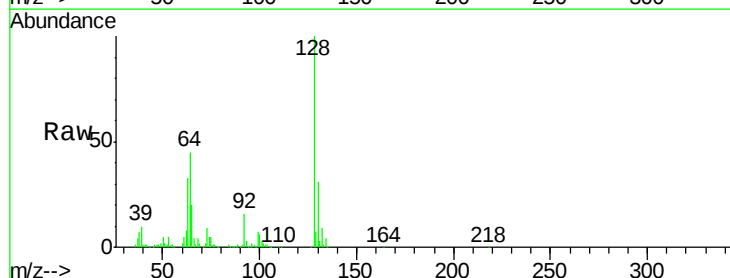
Tgt Ion: 128 Resp: 224555

Ion Ratio Lower Upper

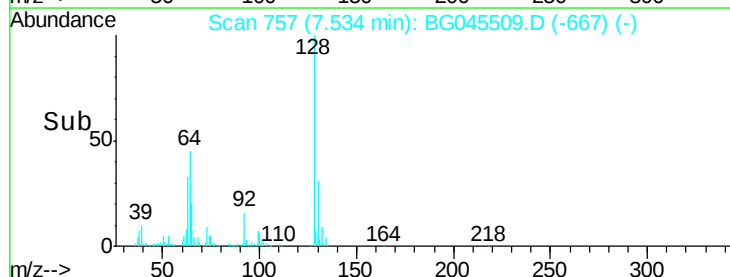
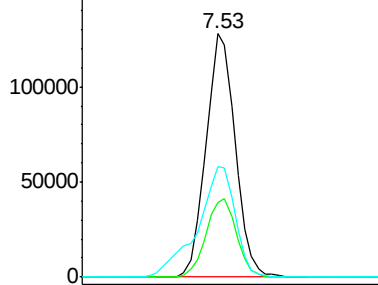
128 100

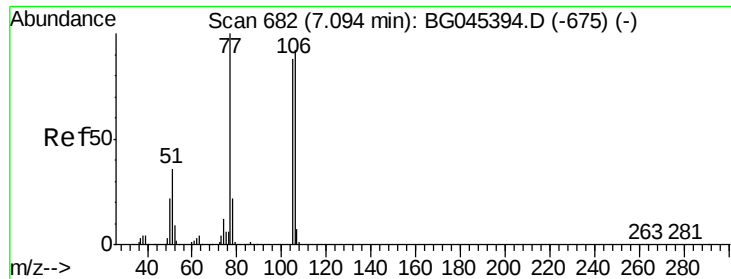
130 30.7 12.6 52.6

64 45.3 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: 40.381 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.00 min

Lab File: BG045509.D

Acq: 29 May 2020 1:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

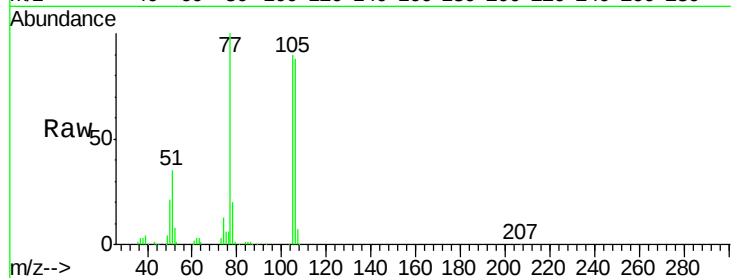
Tot Ion: 77 Resp: 179405

Ion Ratio Lower Upper

77 100

105 90.2 68.5 108.5

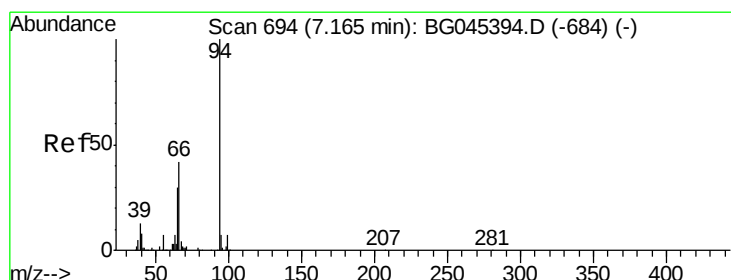
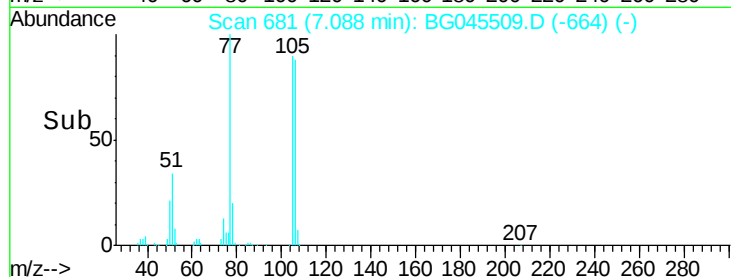
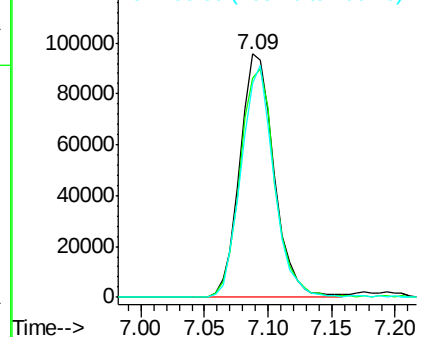
106 88.0 71.6 111.6



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: 43.608 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG045509.D

Acq: 29 May 2020 1:44

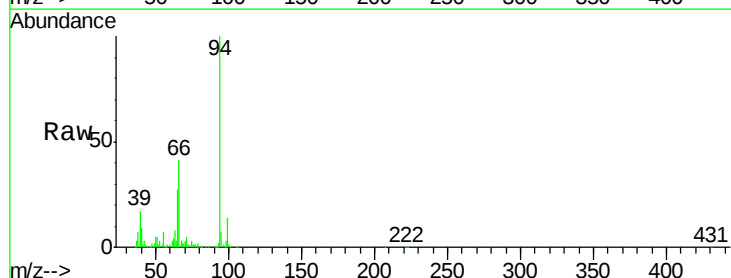
Tgt Ion: 94 Resp: 306482

Ion Ratio Lower Upper

94 100

65 27.0 9.8 49.8

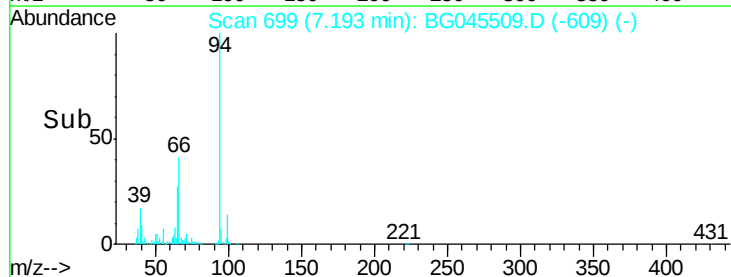
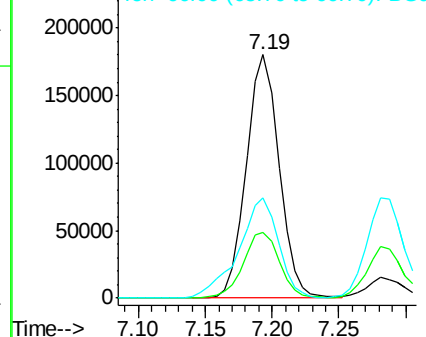
66 41.2 22.0 62.0

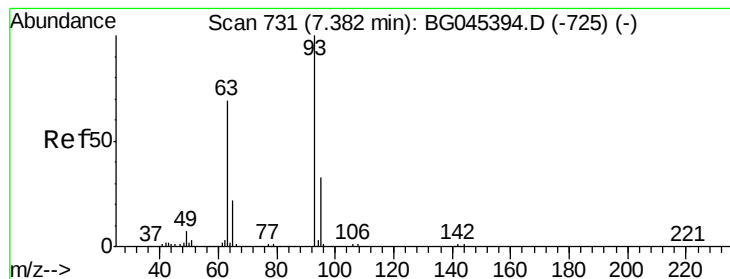


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

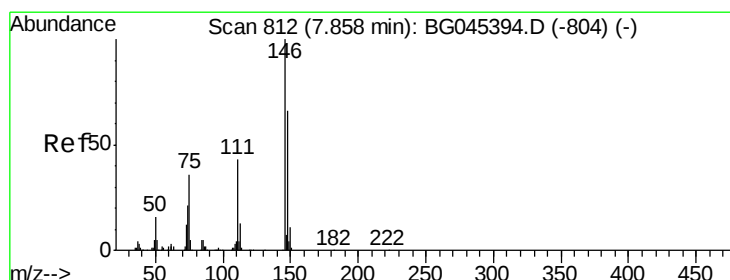
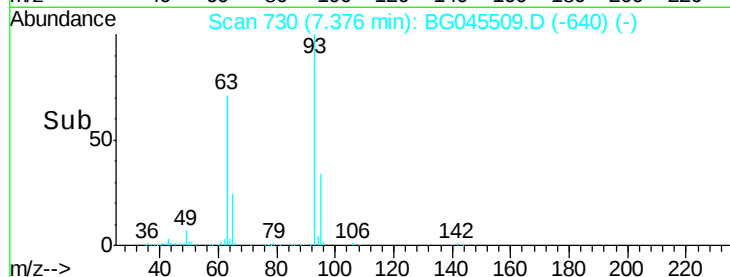
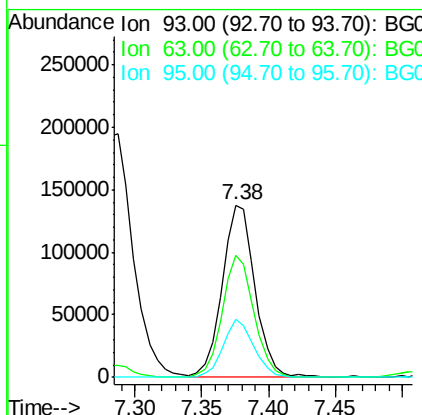
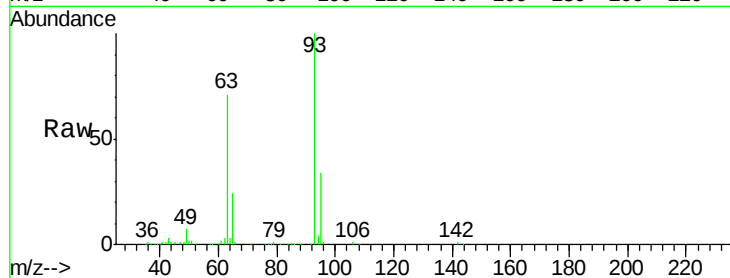




#11
bis(2-Chloroethyl)ether
Concen: 42.678 ng
RT: 7.38 min Scan# 730
Delta R.T. -0.00 min
Lab File: BG045509.D
Acq: 29 May 2020 1:44

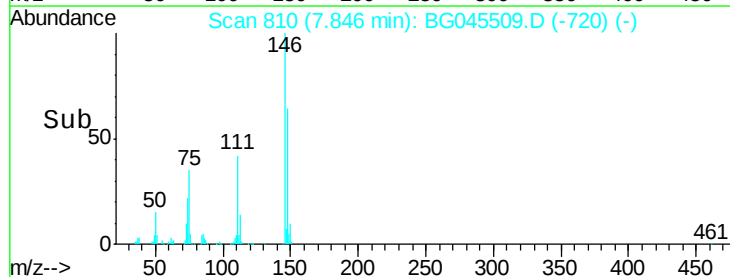
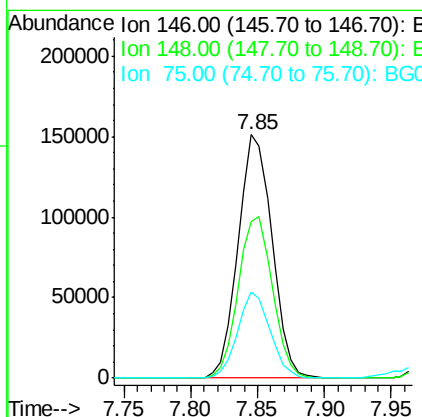
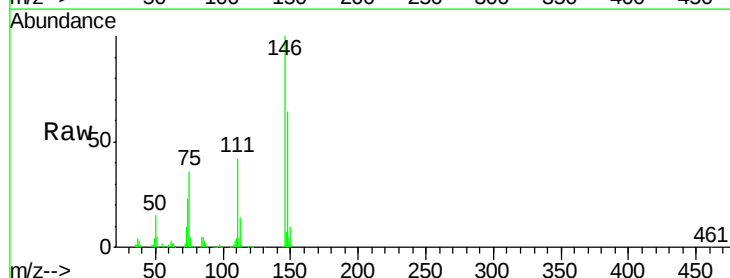
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	93	Resp	233957
Ion	Ratio	Lower	Upper
93	100		
63	70.8	48.4	88.4
95	33.9	12.4	52.4



#12
1,3-Dichlorobenzene
Concen: 42.217 ng
RT: 7.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BG045509.D
Acq: 29 May 2020 1:44

Tgt Ion	146	Resp	266550
Ion	Ratio	Lower	Upper
146	100		
148	64.5	53.2	79.8
75	35.6	28.6	43.0

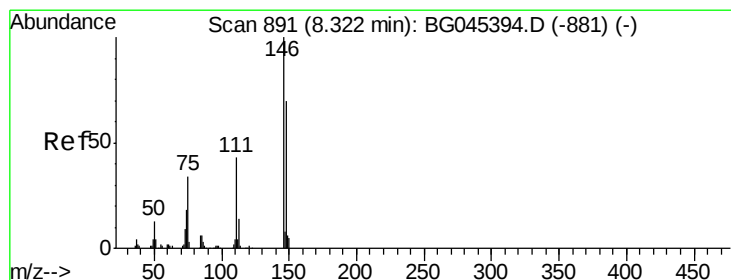
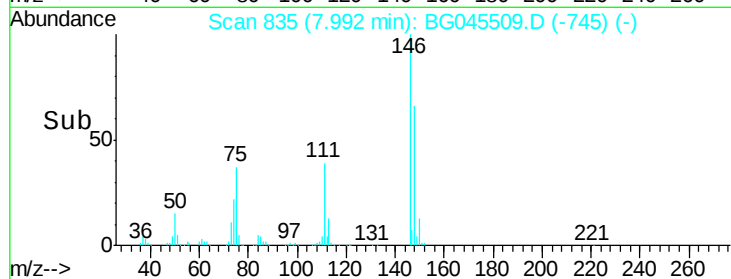
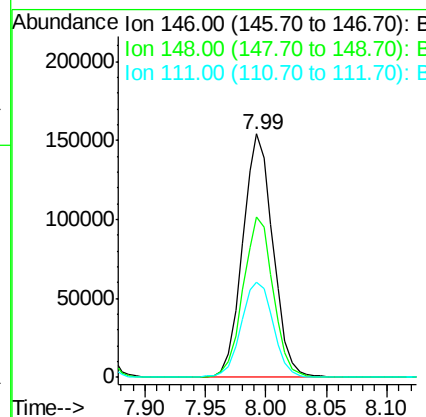
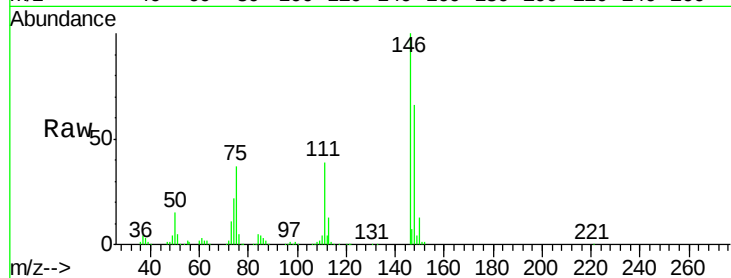




#13
 1,4-Dichlorobenzene
 Concen: 43.272 ng
 RT: 7.99 min Scan# 835
 Delta R.T. -0.00 min
 Lab File: BG045509.D
 Acq: 29 May 2020 1:44

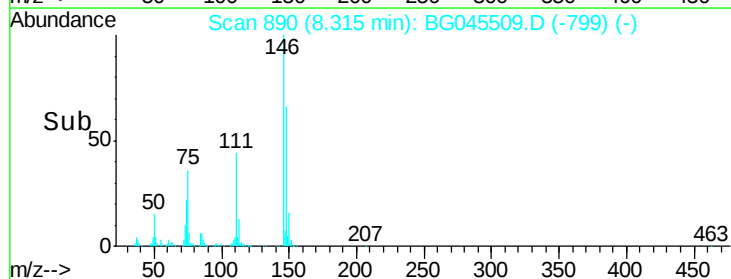
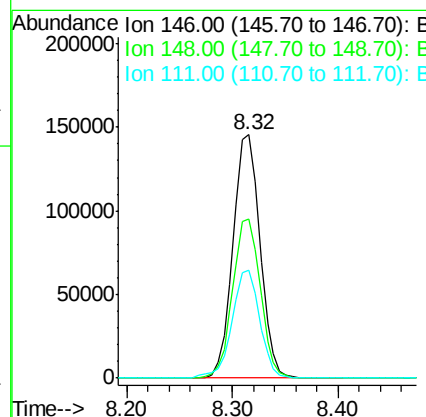
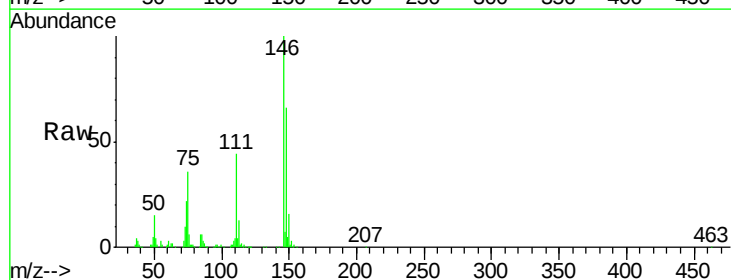
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

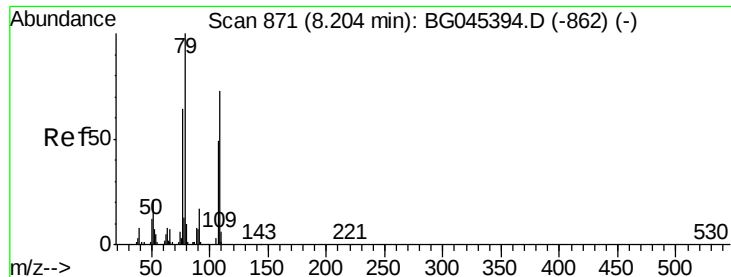
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.8	77.8
111	39.2	32.1	48.1



#14
 1,2-Dichlorobenzene
 Concen: 42.815 ng
 RT: 8.32 min Scan# 890
 Delta R.T. 0.00 min
 Lab File: BG045509.D
 Acq: 29 May 2020 1:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	55.9	83.9
111	44.3	35.0	52.4





#15

Benzyl Alcohol

Concen: 43.750 ng

RT: 8.21 min Scan# 872

Delta R.T. 0.00 min

Lab File: BG045509.D

Acq: 29 May 2020 1:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

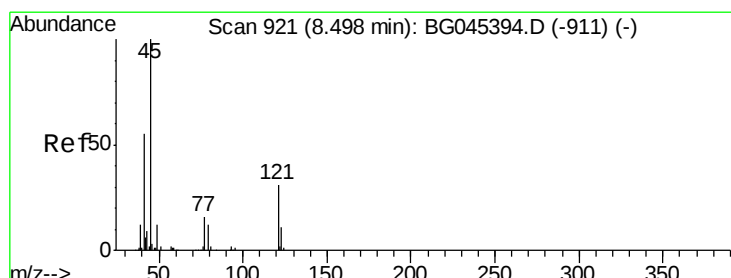
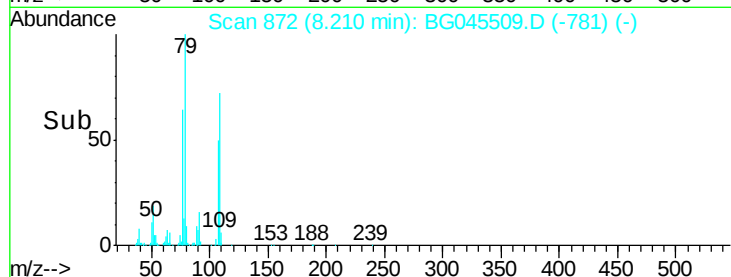
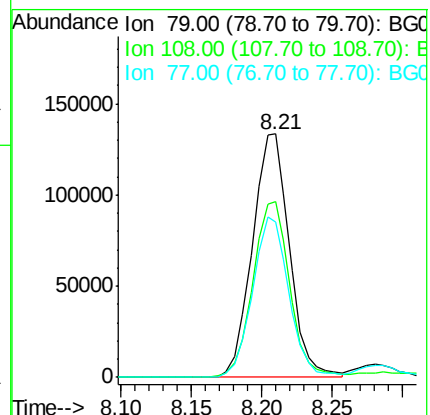
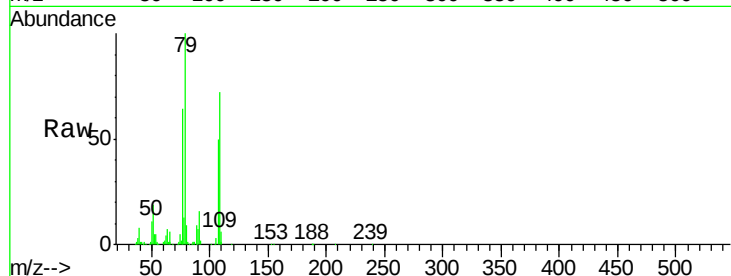
Tot Ion: 79 Resp: 246456

Ion Ratio Lower Upper

79 100

108 72.3 58.2 87.4

77 63.7 51.0 76.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.542 ng

RT: 8.49 min Scan# 919

Delta R.T. -0.01 min

Lab File: BG045509.D

Acq: 29 May 2020 1:44

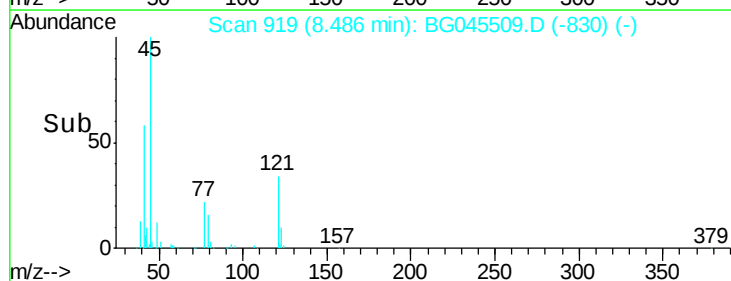
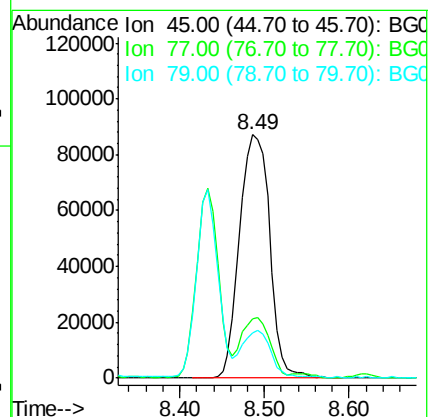
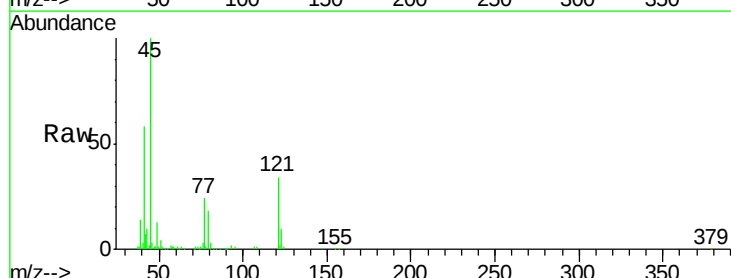
Tgt Ion: 45 Resp: 216169

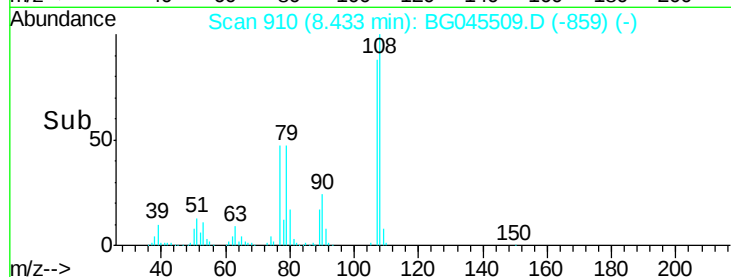
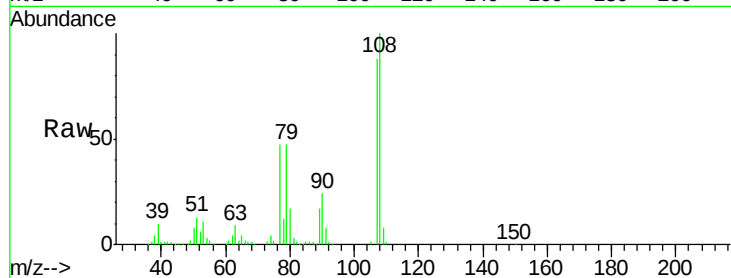
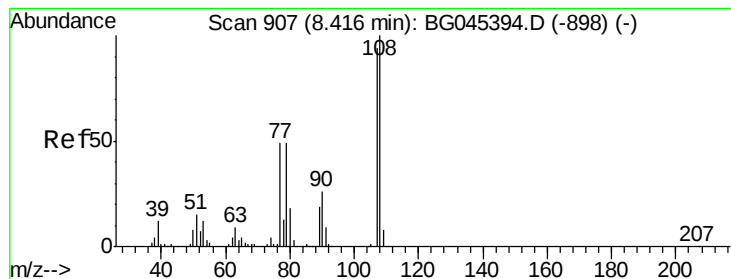
Ion Ratio Lower Upper

45 100

77 24.3 4.0 44.0

79 18.4 0.0 38.6





#17

2-Methylphenol

Concen: 43.158 ng

RT: 8.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: BG045509.D

Acq: 29 May 2020 1:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 227029

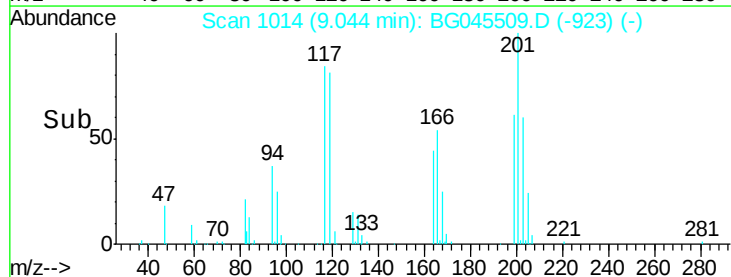
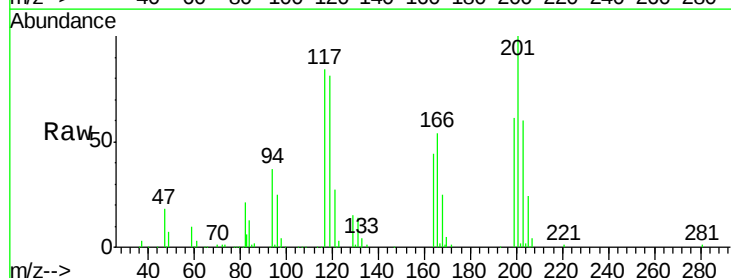
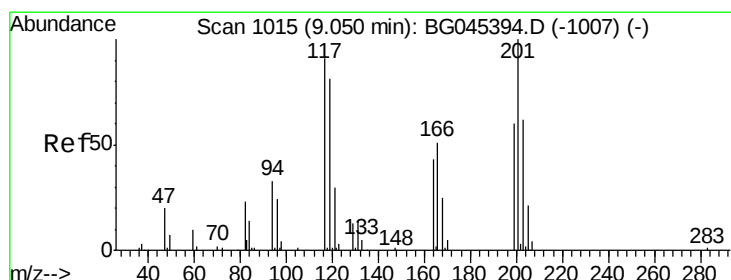
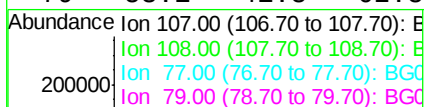
Ion Ratio Lower Upper

107 100

108 114.0 85.2 127.8

77 53.2 41.6 62.4

79 53.1 41.8 62.8



#18

Hexachloroethane

Concen: 42.604 ng

RT: 9.04 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BG045509.D

Acq: 29 May 2020 1:44

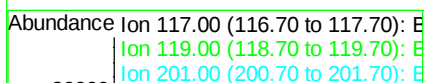
Tgt Ion:117 Resp: 101670

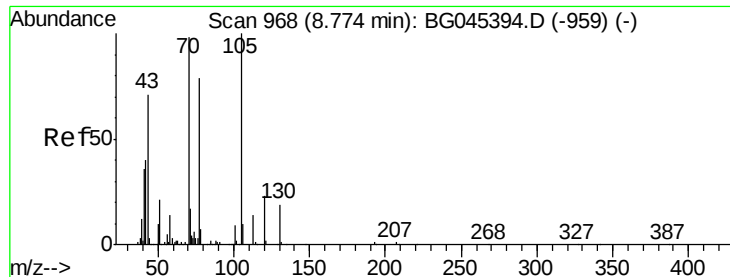
Ion Ratio Lower Upper

117 100

119 96.6 71.3 106.9

201 118.8 87.5 131.3

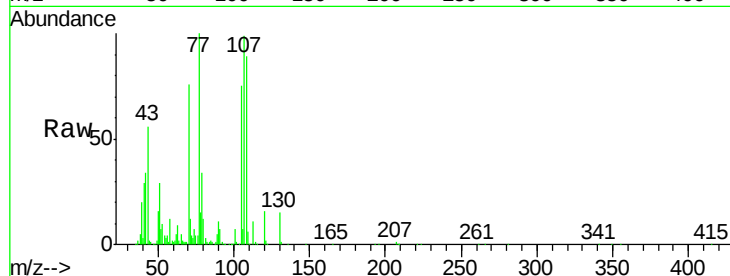




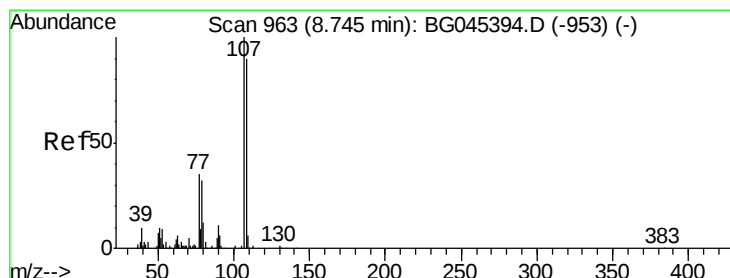
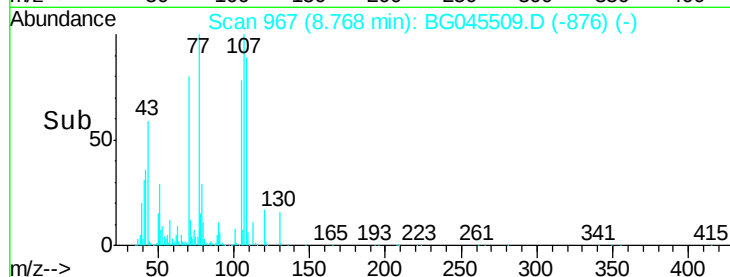
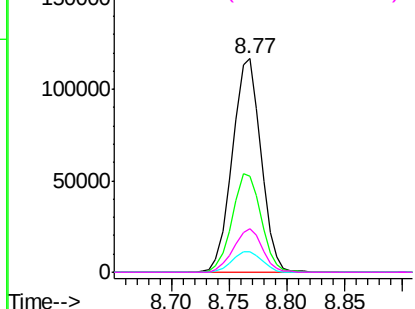
#19
n-Nitroso-di-n-propylamine
Concen: 42.625 ng
RT: 8.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BG045509.D
Acq: 29 May 2020 1:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	44.8	33.2	49.8
101	9.7	7.8	11.6
130	20.3	15.4	23.2



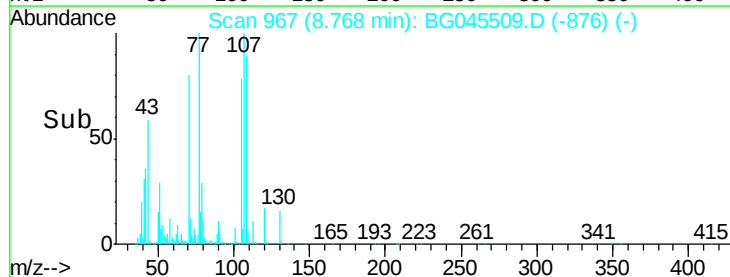
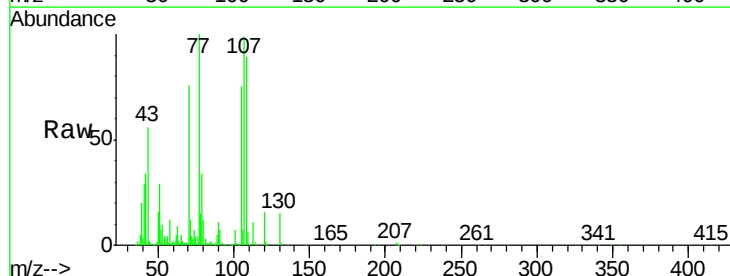
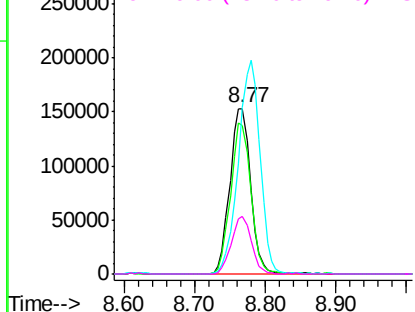
Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

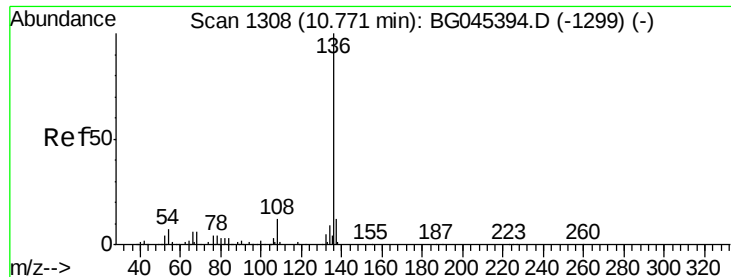


#20
3+4-Methylphenols
Concen: 43.941 ng
RT: 8.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BG045509.D
Acq: 29 May 2020 1:44

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.3	70.3	110.3
77	101.0	15.4	55.4
79	34.6	12.6	52.6

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.77 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BG045509.D

Acq: 29 May 2020 1:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 389892

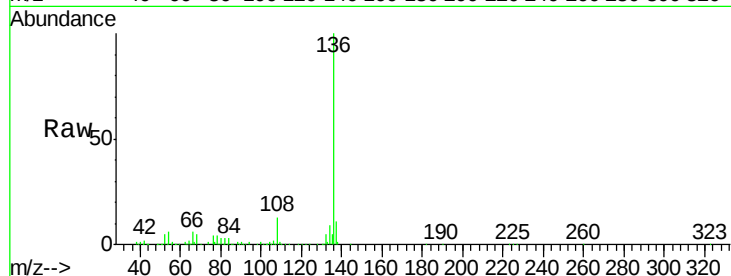
Ion Ratio Lower Upper

136 100

137 10.8 9.4 14.2

54 5.7 5.8 8.6#

68 4.8 4.5 6.7

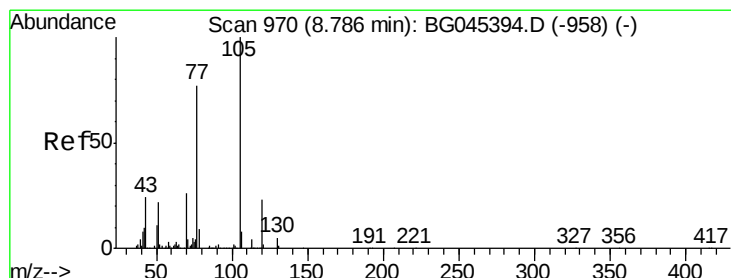
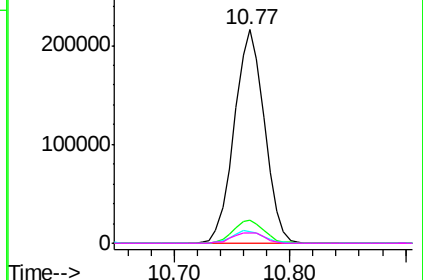
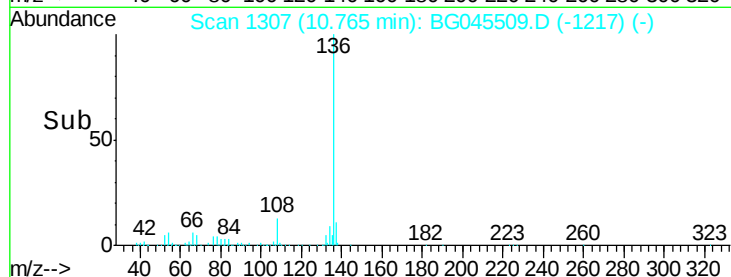


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.270 ng

RT: 8.78 min Scan# 969

Delta R.T. -0.00 min

Lab File: BG045509.D

Acq: 29 May 2020 1:44

Tgt Ion:105 Resp: 381369

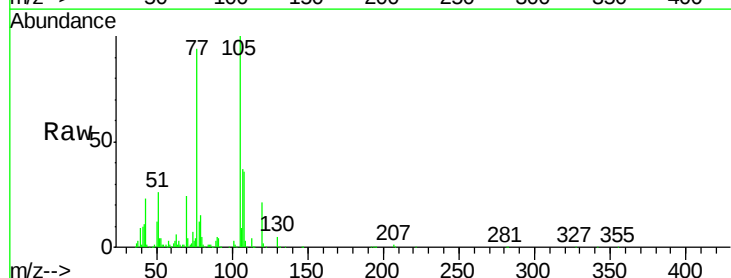
Ion Ratio Lower Upper

105 100

71 4.2 3.4 5.0

51 26.0 18.2 27.2

120 21.4 18.6 27.8

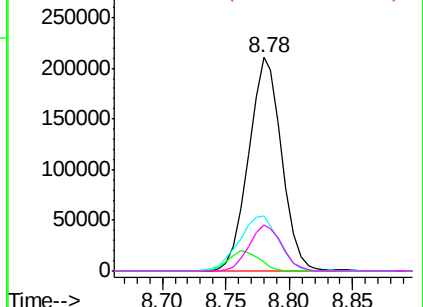
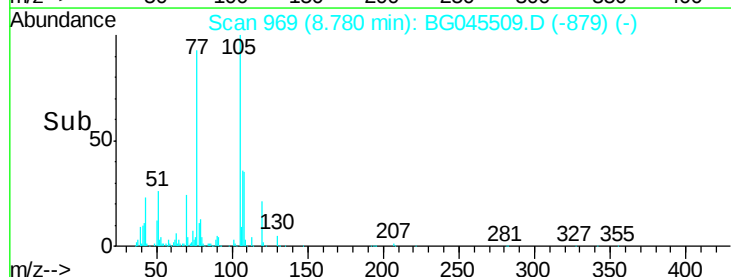


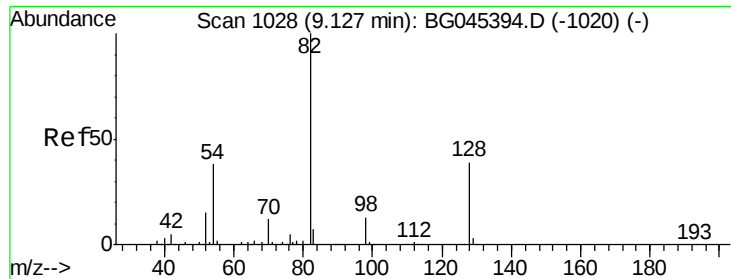
Abundance Ion 105.00 (104.70 to 105.70): E

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

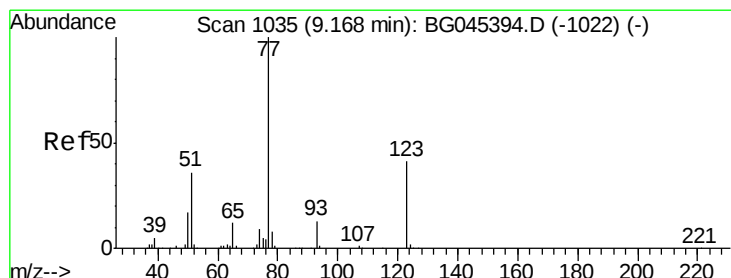
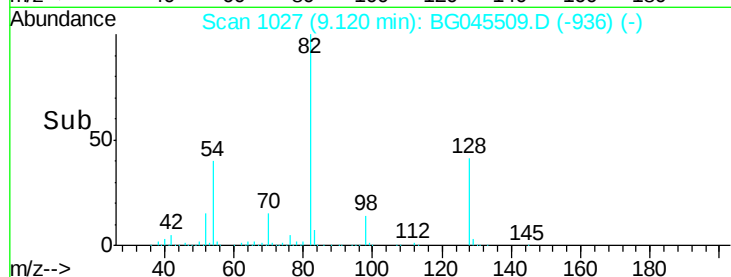
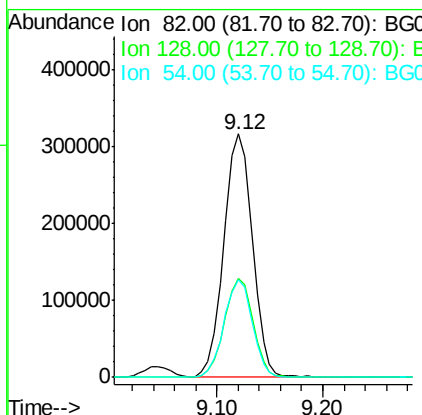
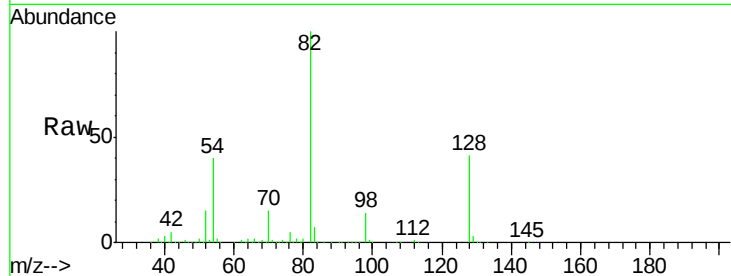




#23
 Nitrobenzene-d5
 Concen: 82.882 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BG045509.D
 Acq: 29 May 2020 1:44

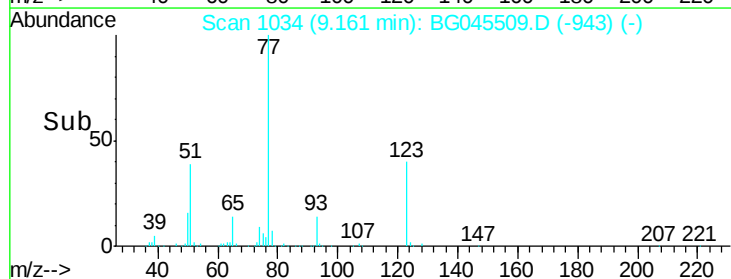
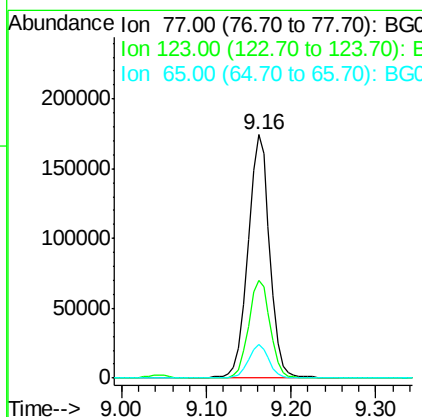
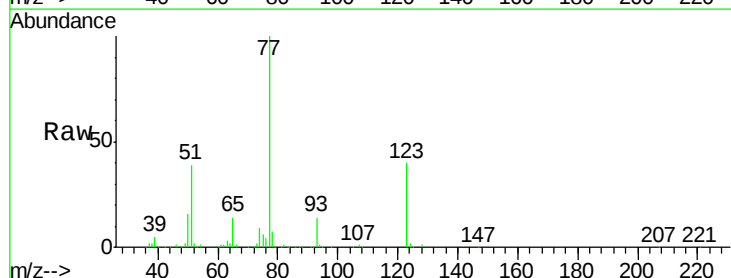
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

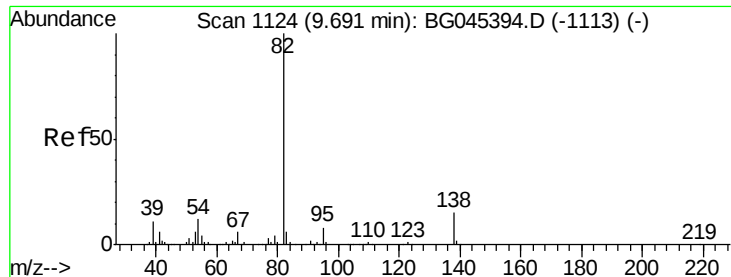
Tot Ion	82	Resp	592595
Ion Ratio	Lower	Upper	
82	100		
128	40.8	30.9	46.3
54	40.0	30.3	45.5



#24
 Nitrobenzene
 Concen: 40.869 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BG045509.D
 Acq: 29 May 2020 1:44

Tgt Ion	77	Resp	313072
Ion Ratio	Lower	Upper	
77	100		
123	40.3	32.9	49.3
65	13.9	9.4	14.2





#25

Isophorone

Concen: 40.878 ng

RT: 9.68 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BG045509.D

Acq: 29 May 2020 1:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

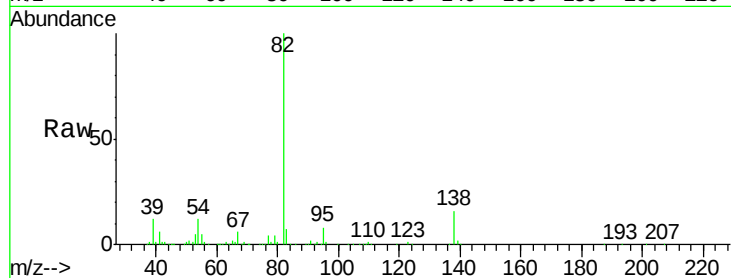
Tot Ion: 82 Resp: 575595

Ion Ratio Lower Upper

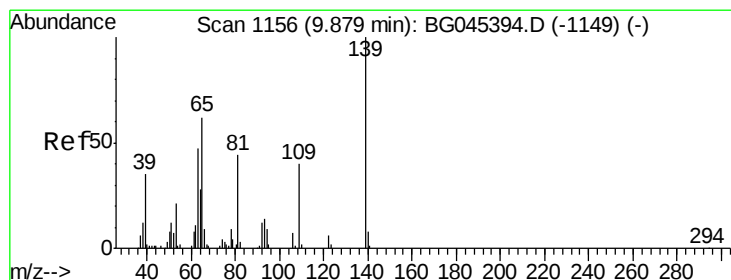
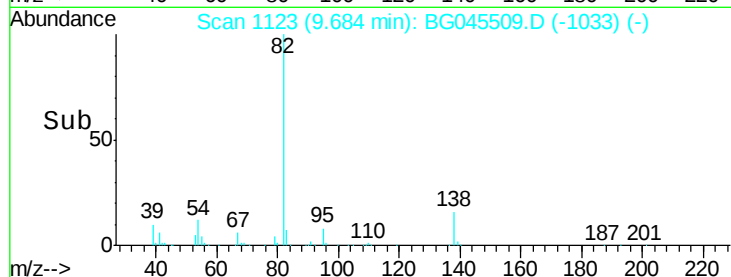
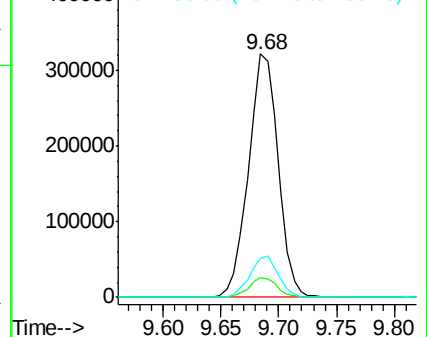
82 100

95 8.1 6.7 10.1

138 16.0 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: 42.862 ng

RT: 9.88 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BG045509.D

Acq: 29 May 2020 1:44

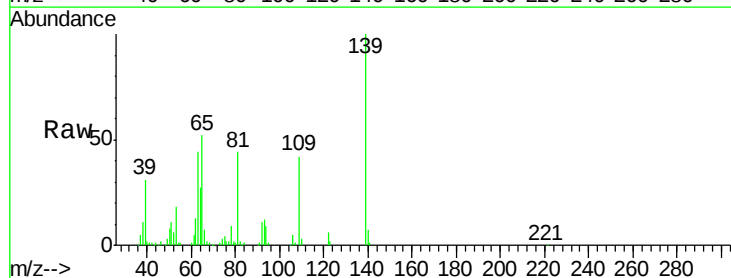
Tgt Ion: 139 Resp: 140455

Ion Ratio Lower Upper

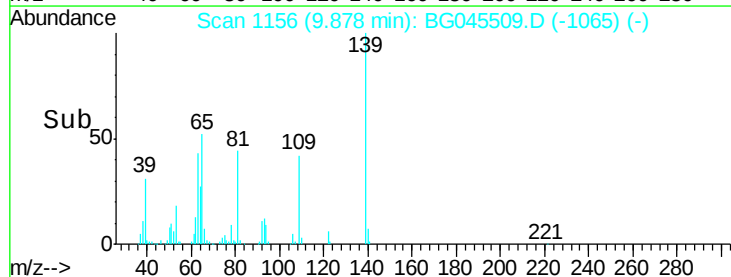
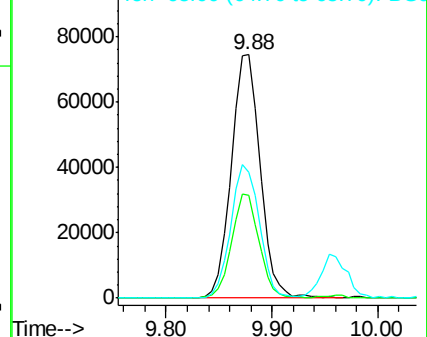
139 100

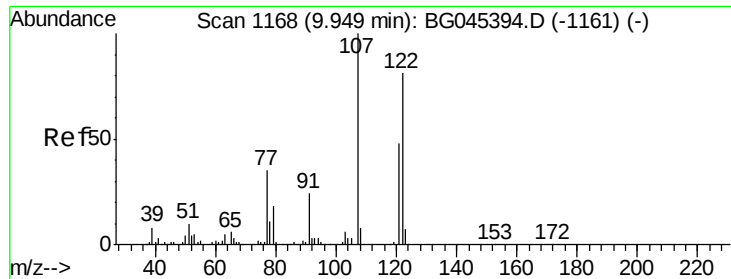
109 42.2 32.2 48.4

65 51.9 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

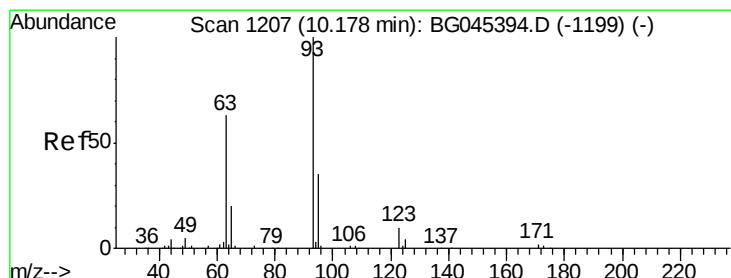
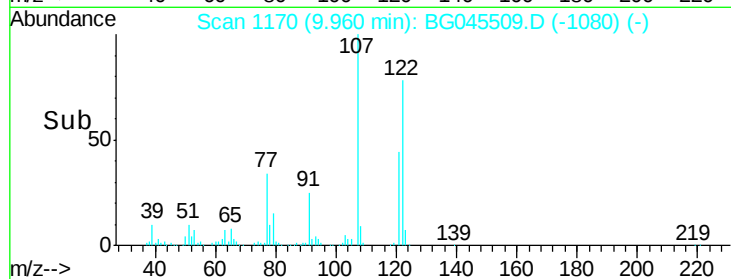
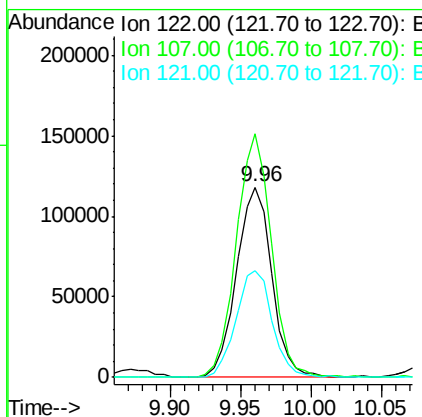
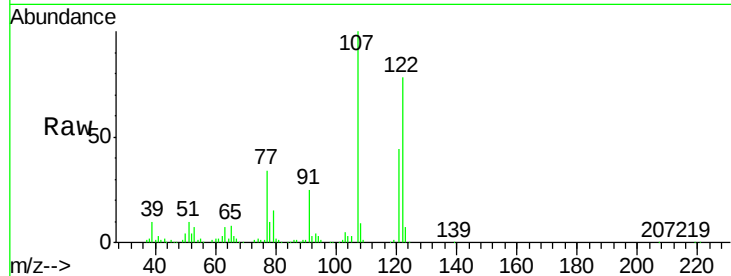




#27
 2,4-Dimethylphenol
 Concen: 42.466 ng
 RT: 9.96 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BG045509.D
 Acq: 29 May 2020 1:44

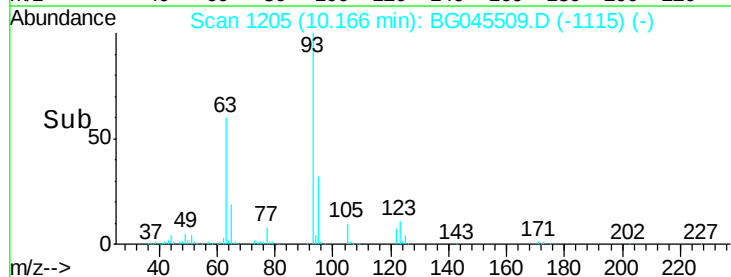
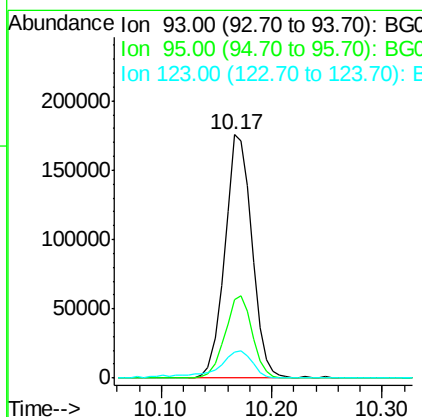
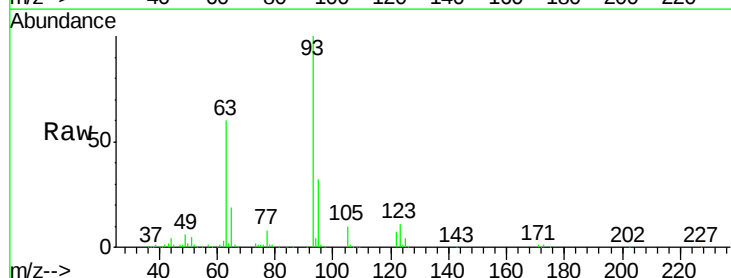
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	127.8	99.0	148.4
121	56.1	47.7	71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.818 ng
 RT: 10.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BG045509.D
 Acq: 29 May 2020 1:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	27.6	41.4
123	10.8	8.1	12.1

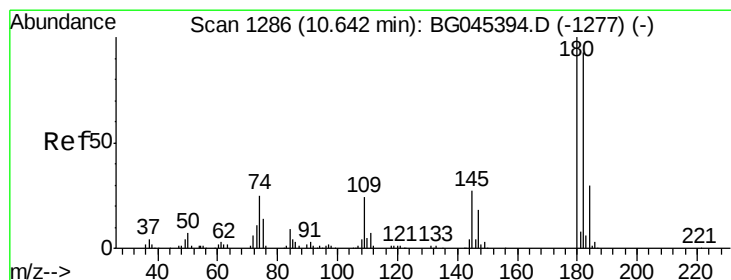
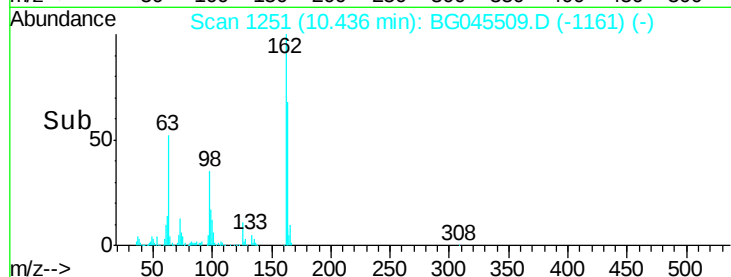
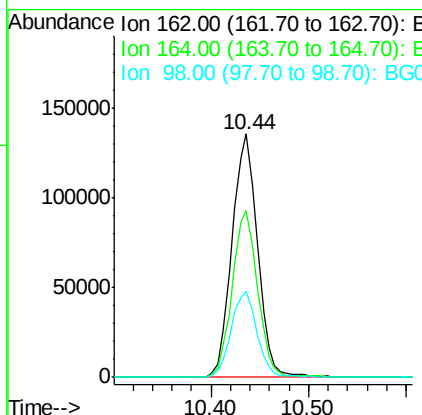
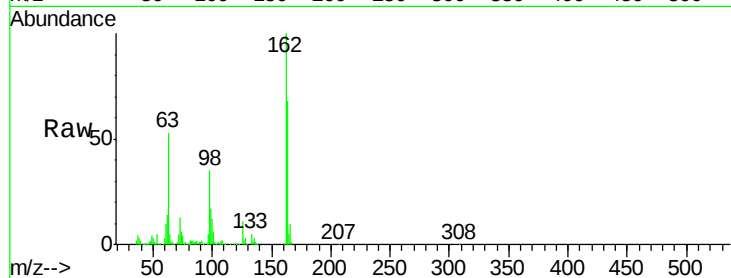




#29
 2,4-Dichlorophenol
 Concen: 43.090 ng
 RT: 10.44 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: BG045509.D
 Acq: 29 May 2020 1:44

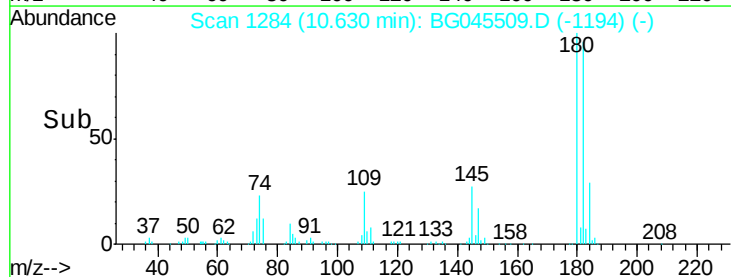
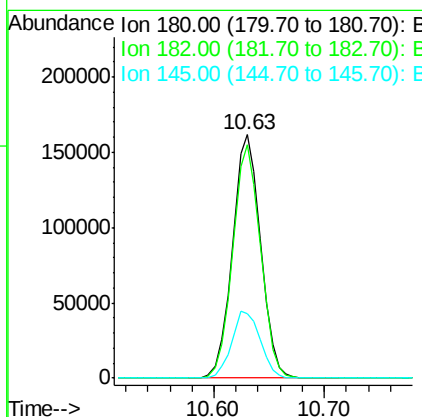
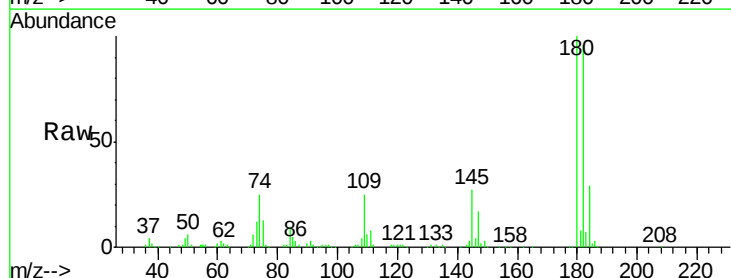
Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

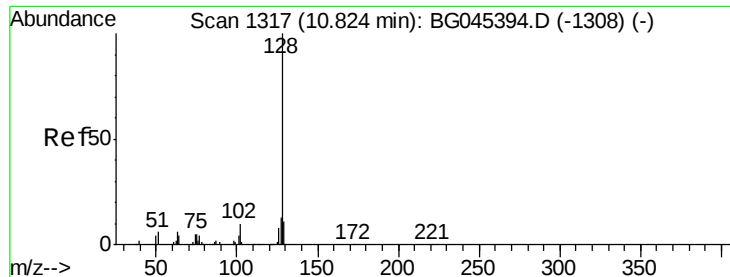
Tot Ion	Ratio	Lower	Upper
162	100		
164	68.4	46.8	86.8
98	35.4	15.2	55.2



#30
 1,2,4-Trichlorobenzene
 Concen: 42.580 ng
 RT: 10.63 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: BG045509.D
 Acq: 29 May 2020 1:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	74.8	112.2
145	26.6	21.9	32.9

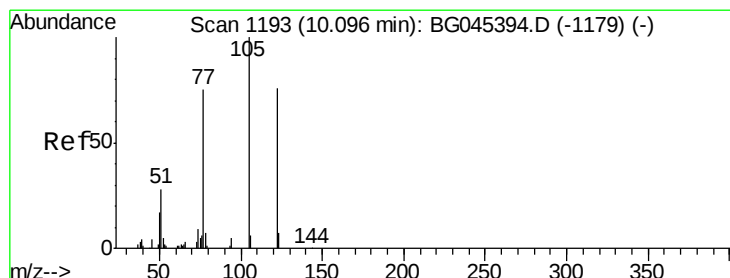
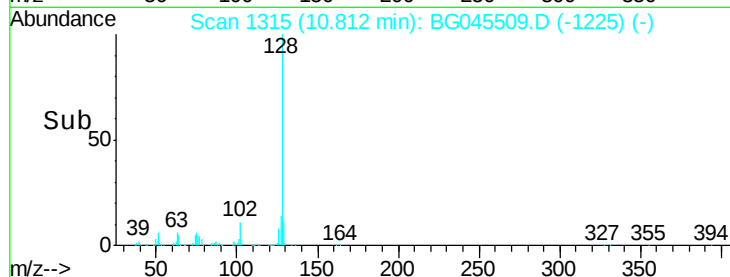
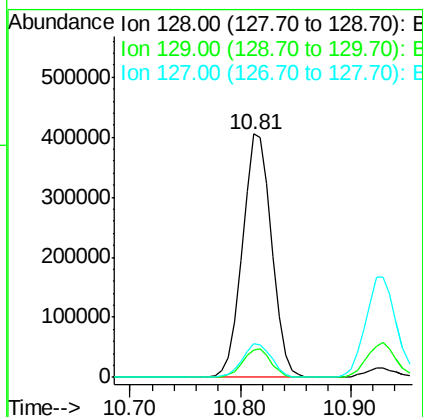
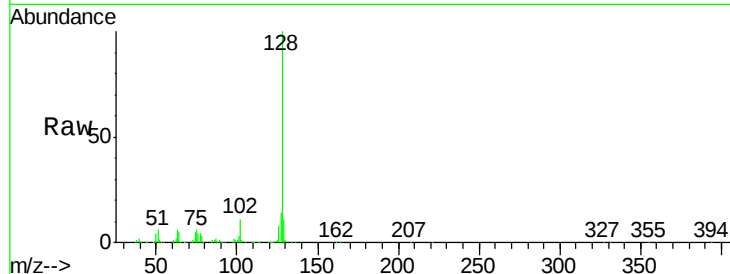




#31
Naphthalene
Concen: 41.358 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG045509.D
Acq: 29 May 2020 1:44

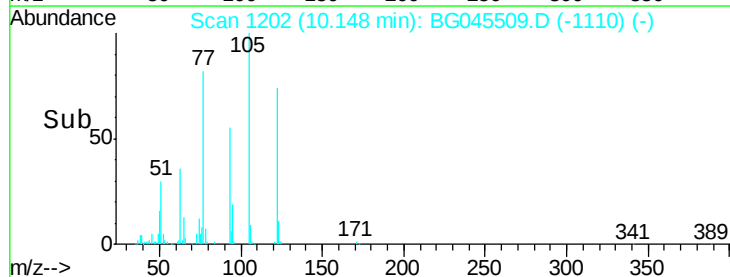
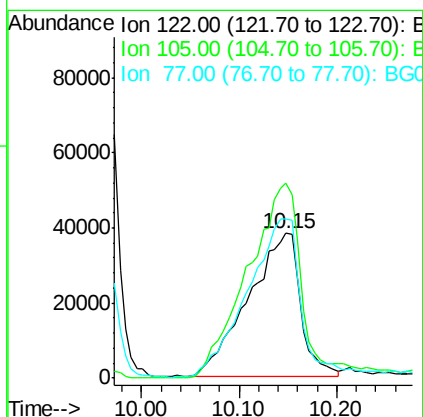
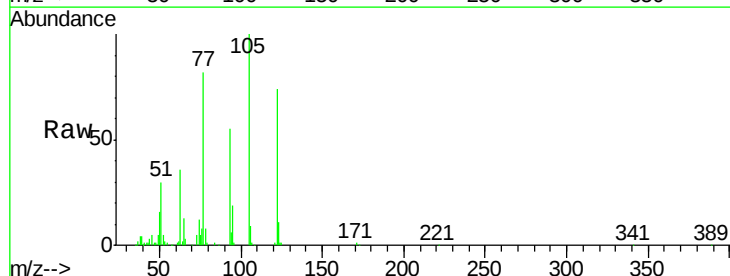
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.6
127	13.7	10.7	16.1



#32
Benzoic acid
Concen: 44.009 ng
RT: 10.15 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BG045509.D
Acq: 29 May 2020 1:44

Tgt Ion	Ratio	Lower	Upper
122	100		
105	135.3	107.9	147.9
77	110.4	78.9	118.9

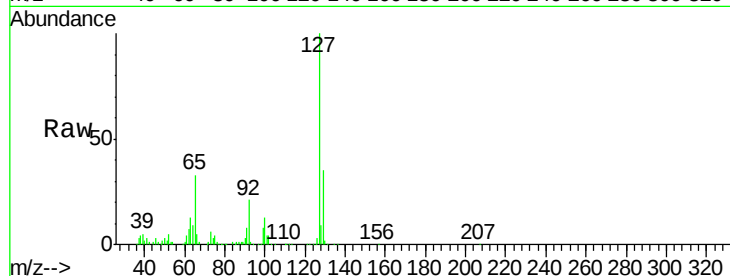




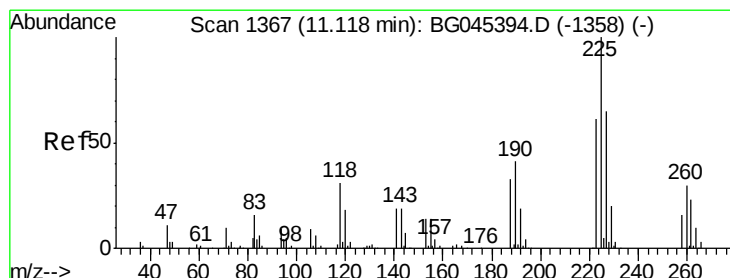
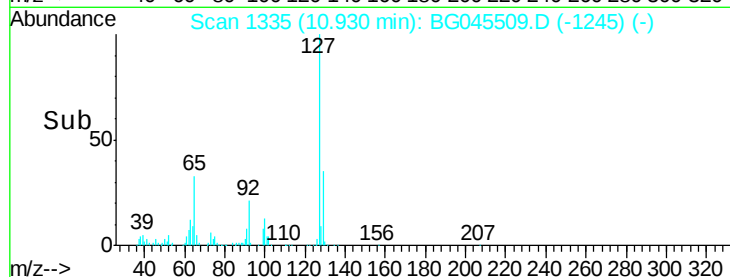
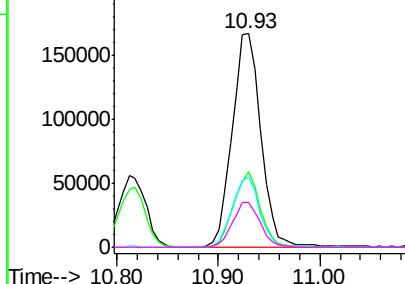
#33
4-Chloroaniline
Concen: 43.330 ng
RT: 10.93 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BG045509.D
Acq: 29 May 2020 1:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	329075
Ion	Ratio	Lower	Upper
127	100		
129	35.2	24.7	37.1
65	33.1	26.2	39.2
92	21.1	17.9	26.9

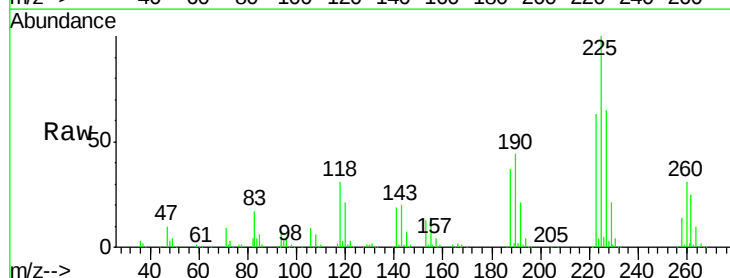


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

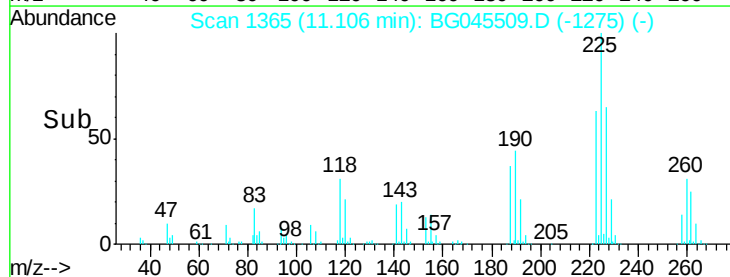
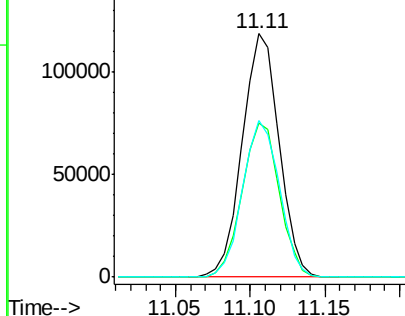


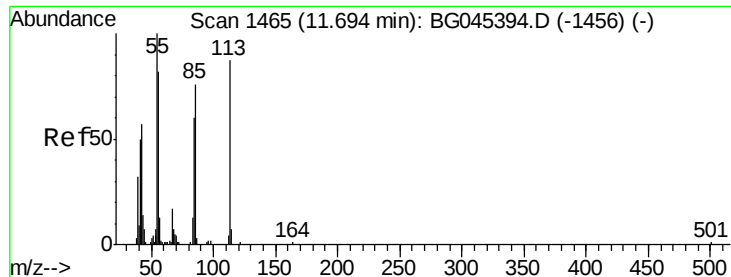
#34
Hexachlorobutadiene
Concen: 42.205 ng
RT: 11.11 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BG045509.D
Acq: 29 May 2020 1:44

Tgt Ion:	225	Resp:	202327
Ion	Ratio	Lower	Upper
225	100		
223	63.5	49.1	73.7
227	64.5	52.0	78.0



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

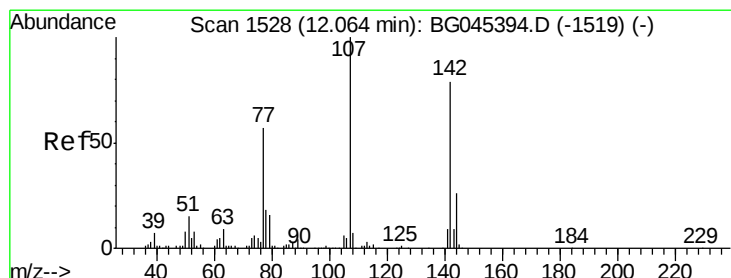
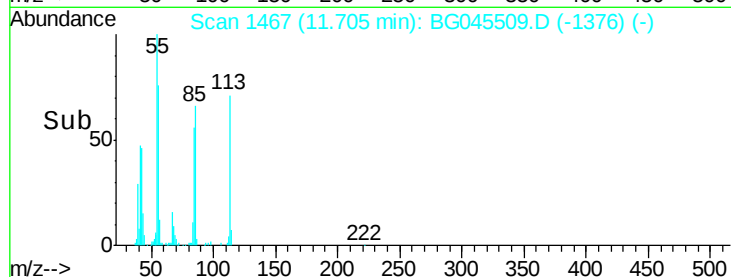
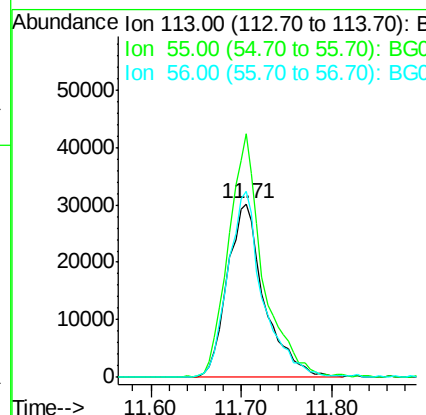
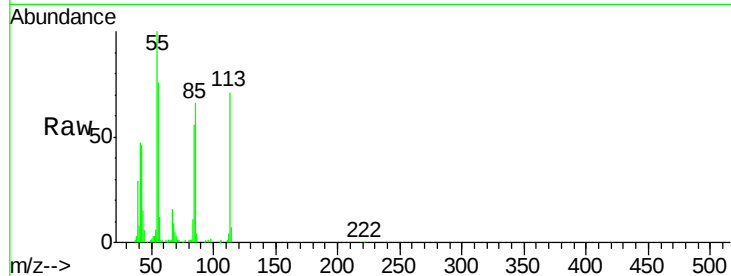




#35
 Caprolactam
 Concen: 40.616 ng
 RT: 11.71 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: BG045509.D
 Acq: 29 May 2020 1:44

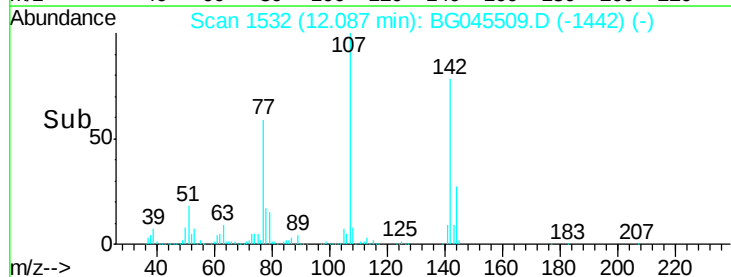
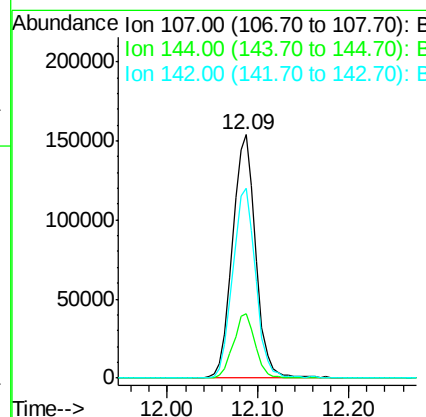
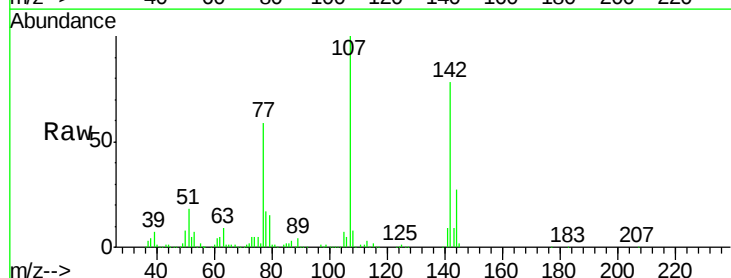
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

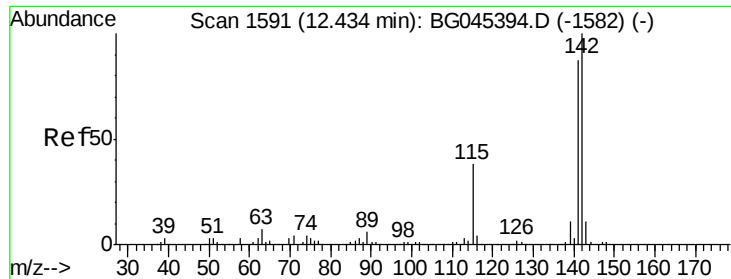
Tot Ion:113 Resp: 85563
 Ion Ratio Lower Upper
 113 100
 55 140.5 96.0 136.0#
 56 107.3 75.1 115.1



#36
 4-Chloro-3-methylphenol
 Concen: 42.342 ng
 RT: 12.09 min Scan# 1532
 Delta R.T. -0.00 min
 Lab File: BG045509.D
 Acq: 29 May 2020 1:44

Tgt Ion:107 Resp: 273836
 Ion Ratio Lower Upper
 107 100
 144 26.6 20.8 31.2
 142 78.2 62.8 94.2

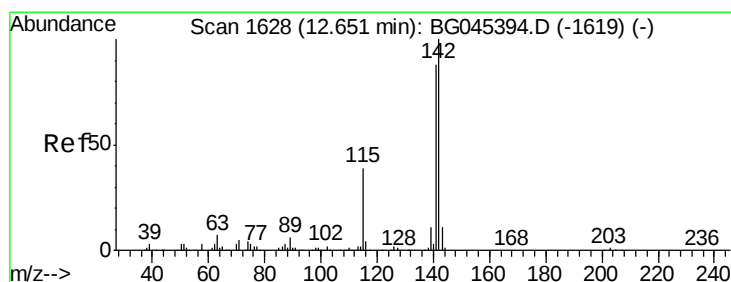
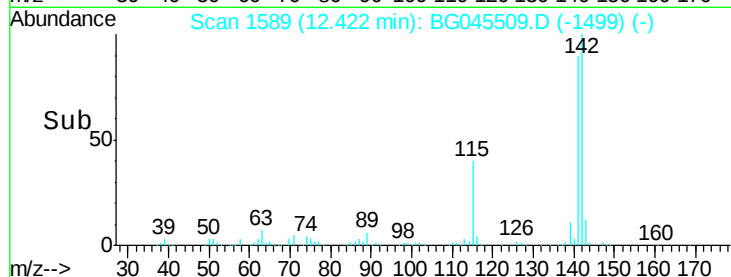
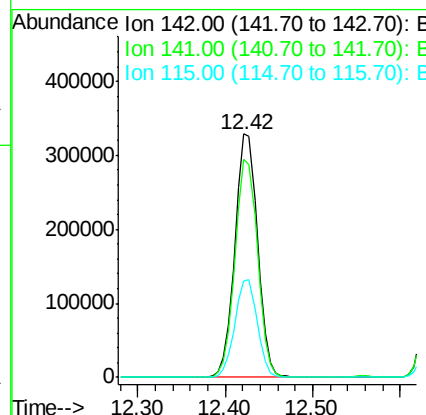
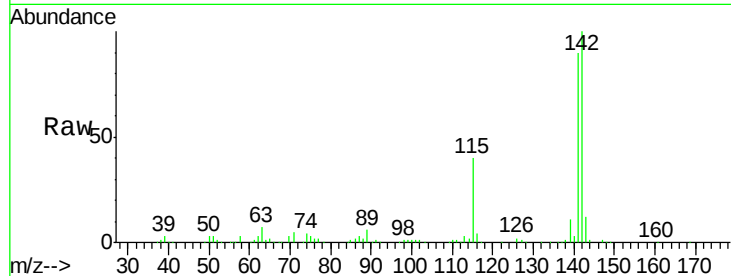




#37
 2-Methylnaphthalene
 Concen: 42.407 ng
 RT: 12.42 min Scan# 1589
 Delta R.T. -0.00 min
 Lab File: BG045509.D
 Acq: 29 May 2020 1:44

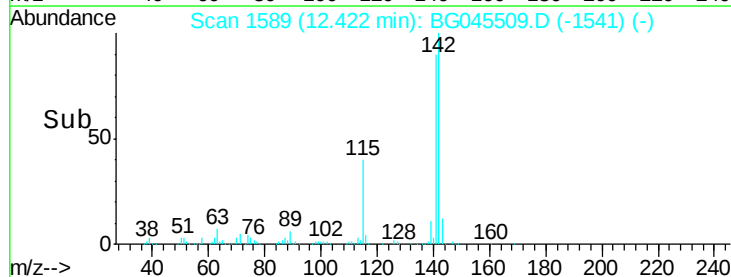
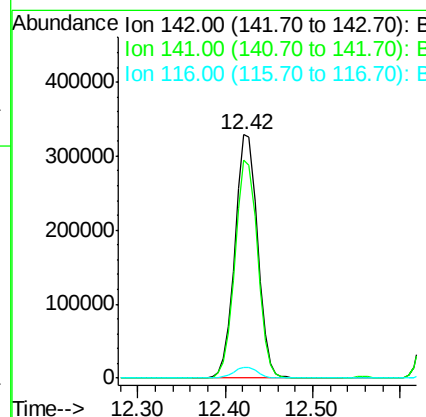
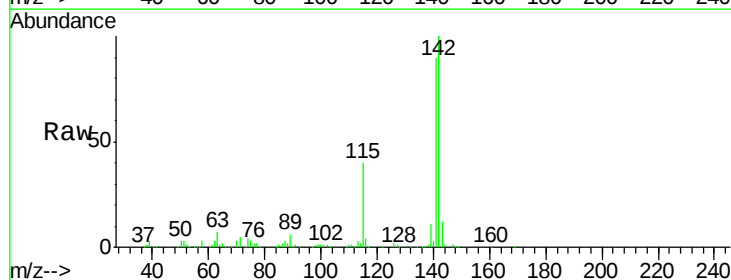
Instrument :
 BNA_G
 ClientSampleId :
 SSTDC040

Tot Ion:142 Resp: 574274
 Ion Ratio Lower Upper
 142 100
 141 89.7 70.0 105.0
 115 39.7 30.8 46.2



#38
 1-Methylnaphthalene
 Concen: 44.893 ng
 RT: 12.42 min Scan# 1589
 Delta R.T. -0.22 min
 Lab File: BG045509.D
 Acq: 29 May 2020 1:44

Tgt Ion:142 Resp: 574274
 Ion Ratio Lower Upper
 142 100
 141 89.7 70.8 106.2
 116 4.4 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: BG045509.D

Acq: 29 May 2020 1:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

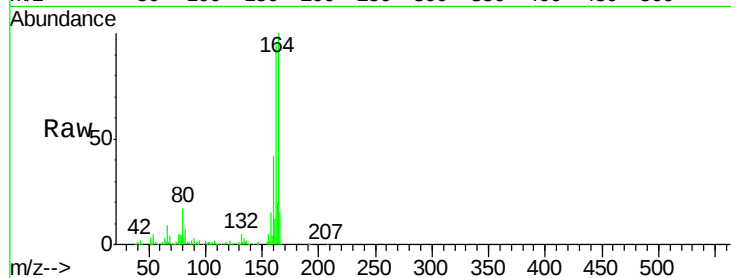
Tot Ion:164 Resp: 277150

Ion Ratio Lower Upper

164 100

162 96.2 76.9 115.3

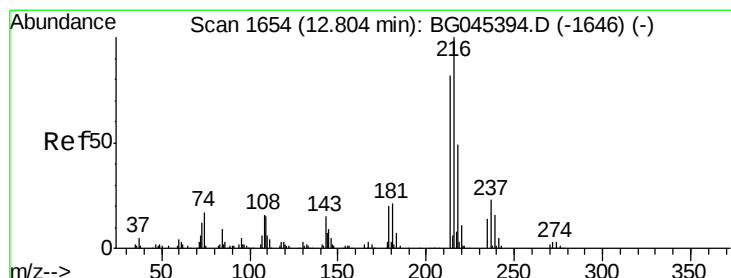
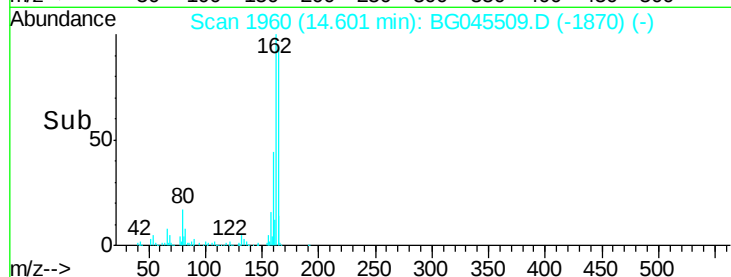
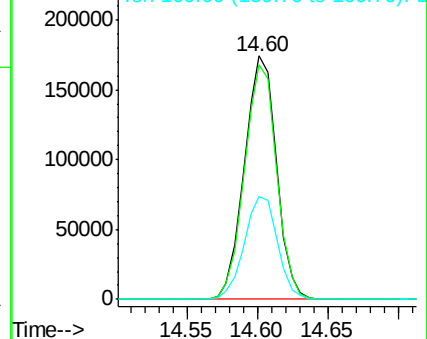
160 42.5 33.8 50.8



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: 41.919 ng

RT: 12.80 min Scan# 1653

Delta R.T. 0.00 min

Lab File: BG045509.D

Acq: 29 May 2020 1:44

Tgt Ion:216 Resp: 324506

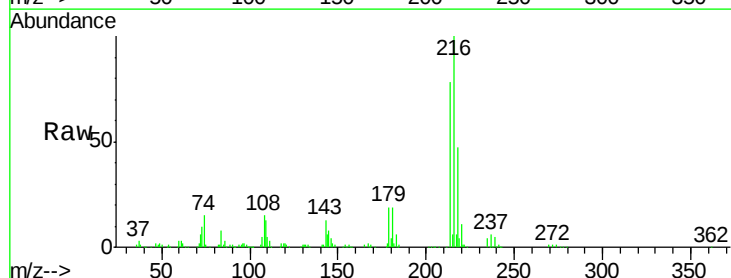
Ion Ratio Lower Upper

216 100

214 80.2 63.7 95.5

179 19.5 16.1 24.1

108 16.6 13.8 20.6

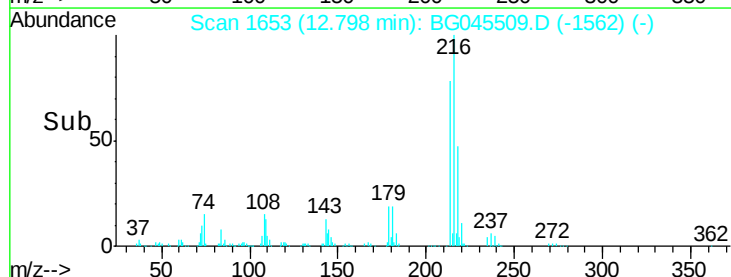
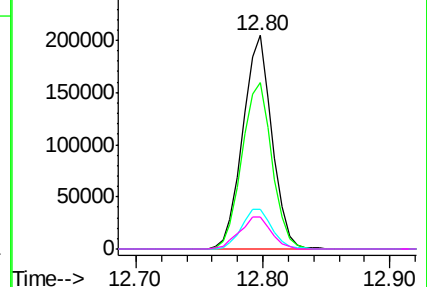


Abundance Ion 216.00 (215.70 to 216.70): E

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: 28.263 ng

RT: 12.78 min Scan# 1650

Delta R.T. 0.00 min

Lab File: BG045509.D

Acq: 29 May 2020 1:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

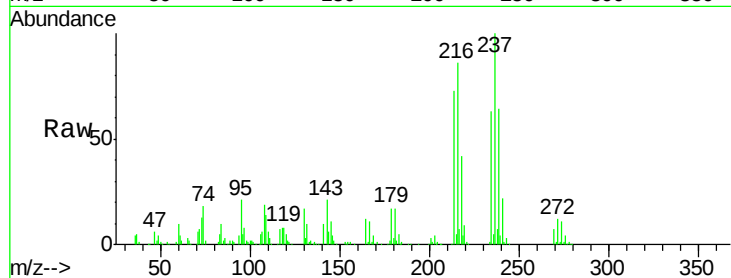
Tot Ion:237 Resp: 126280

Ion Ratio Lower Upper

237 100

235 62.7 44.4 84.4

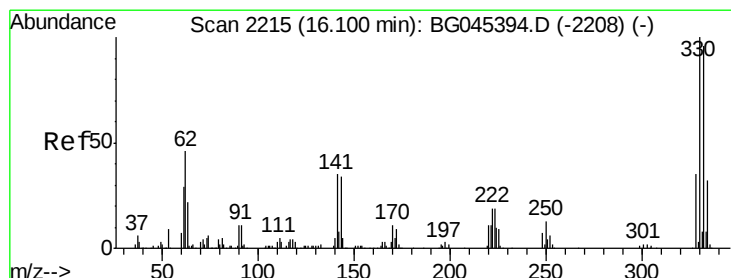
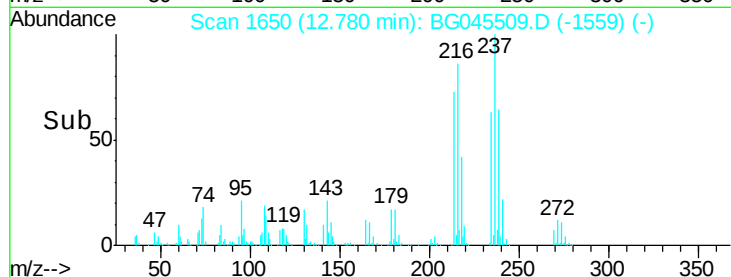
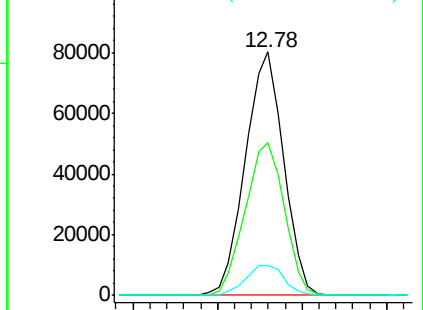
272 12.3 0.0 32.5



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: 80.589 ng

RT: 16.10 min Scan# 2215

Delta R.T. -0.00 min

Lab File: BG045509.D

Acq: 29 May 2020 1:44

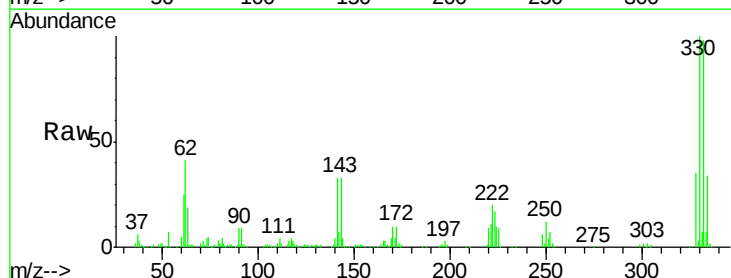
Tgt Ion:330 Resp: 285641

Ion Ratio Lower Upper

330 100

332 96.0 78.2 117.4

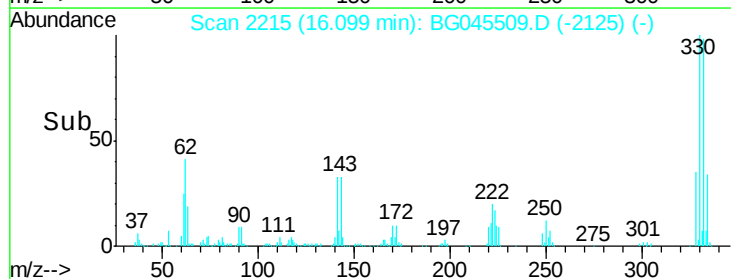
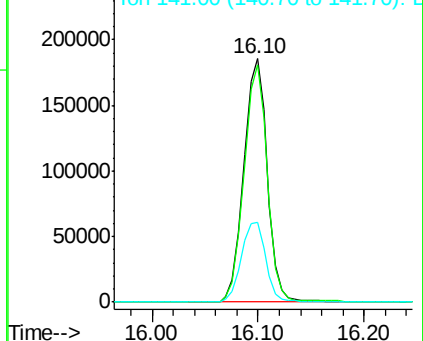
141 33.8 28.2 42.4

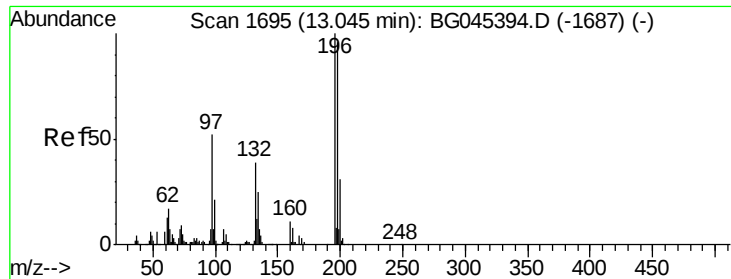


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

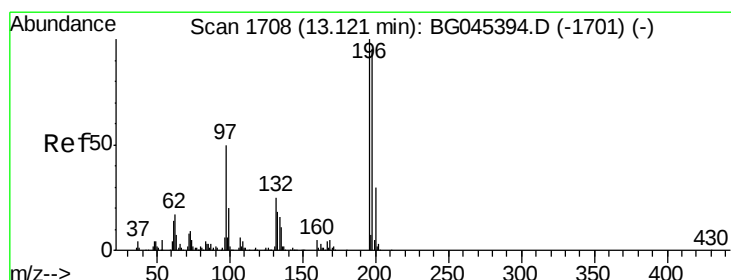
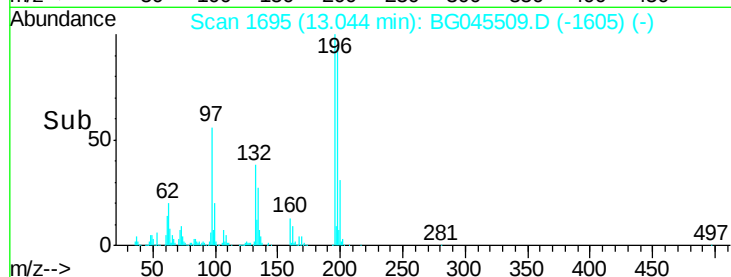
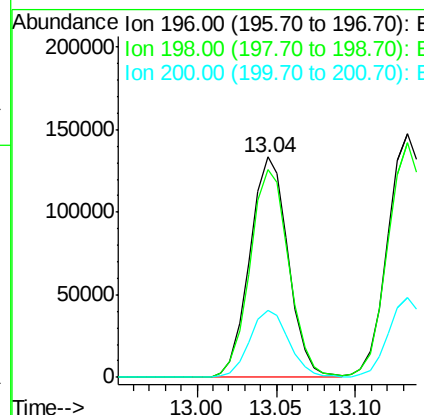
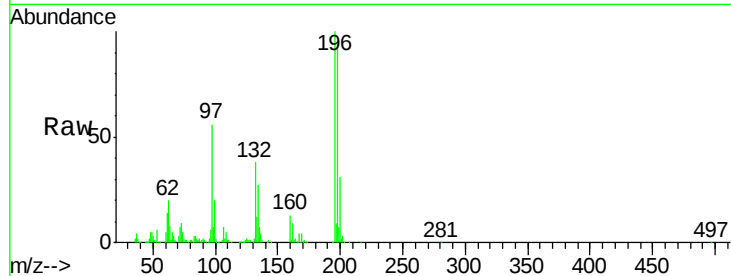




#43
 2,4,6-Trichlorophenol
 Concen: 41.742 ng
 RT: 13.04 min Scan# 1695
 Delta R.T. -0.00 min
 Lab File: BG045509.D
 Acq: 29 May 2020 1:44

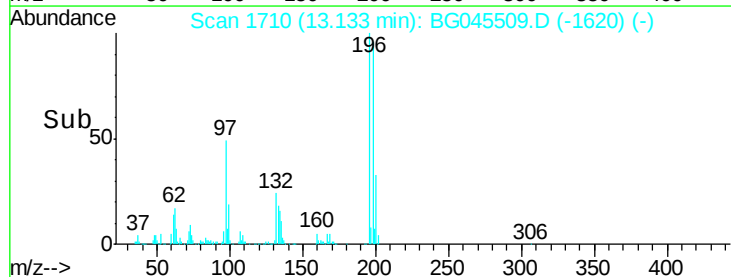
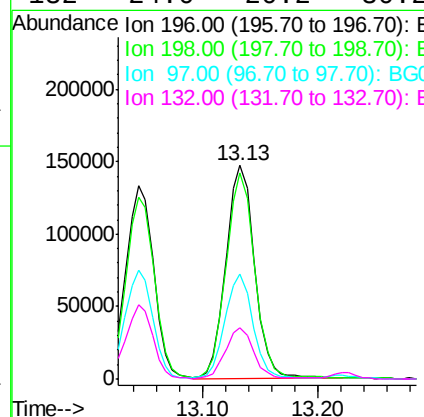
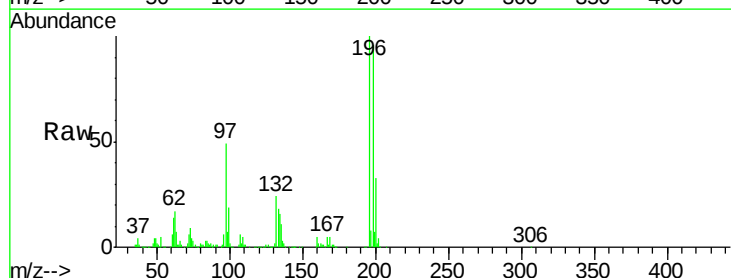
Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

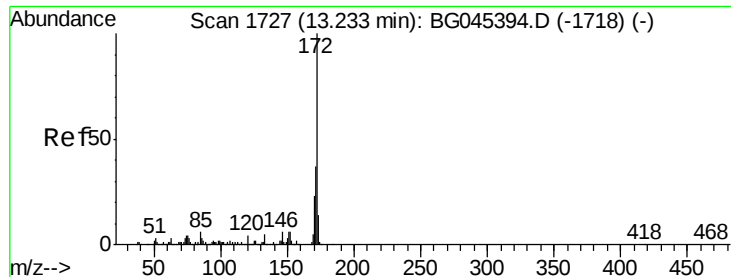
Tot Ion:196 Resp: 224471
 Ion Ratio Lower Upper
 196 100
 198 94.4 76.7 115.1
 200 30.7 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 41.180 ng
 RT: 13.13 min Scan# 1710
 Delta R.T. -0.00 min
 Lab File: BG045509.D
 Acq: 29 May 2020 1:44

Tgt Ion:196 Resp: 253058
 Ion Ratio Lower Upper
 196 100
 198 96.5 76.1 114.1
 97 49.3 40.0 60.0
 132 24.0 20.2 30.2

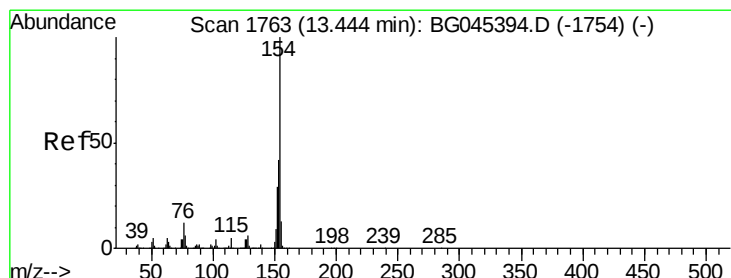
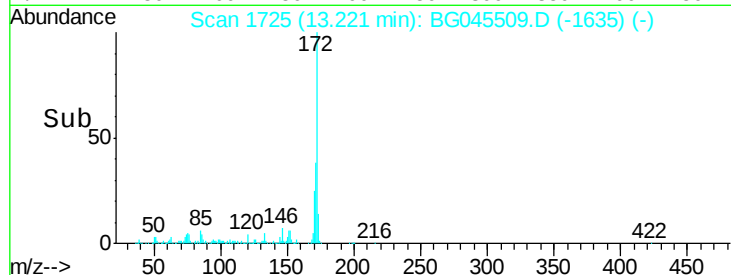
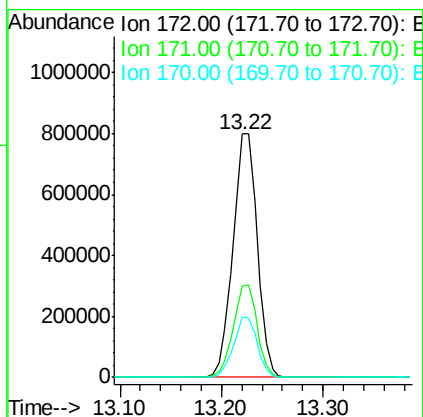
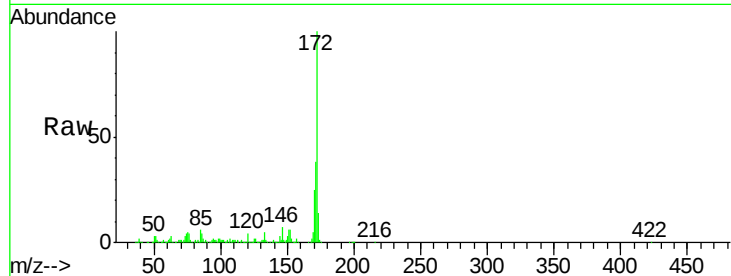




#45
2-Fluorobiphenyl
Concen: 81.422 ng
RT: 13.22 min Scan# 1725
Delta R.T. -0.00 min
Lab File: BG045509.D
Acq: 29 May 2020 1:44

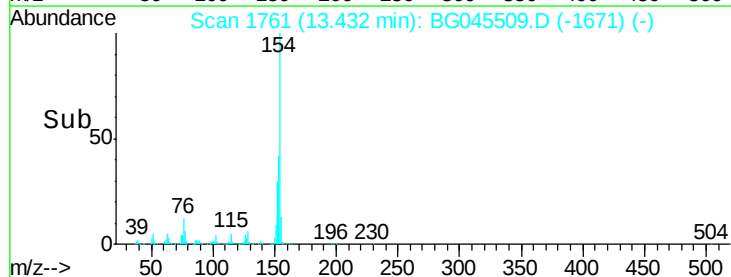
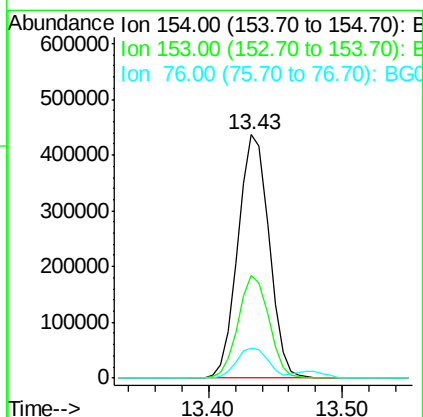
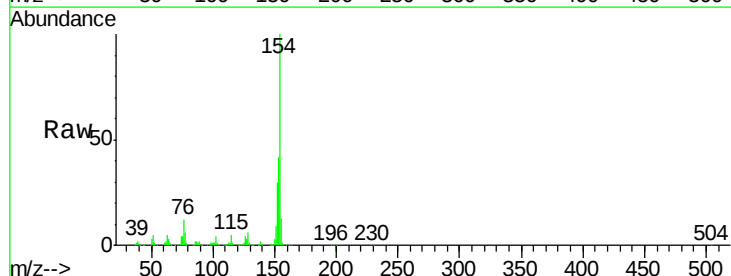
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:172 Resp: 1330390
Ion Ratio Lower Upper
172 100
171 37.7 29.5 44.3
170 24.8 18.5 27.7



#46
1,1'-Biphenyl
Concen: 41.319 ng
RT: 13.43 min Scan# 1761
Delta R.T. -0.00 min
Lab File: BG045509.D
Acq: 29 May 2020 1:44

Tgt Ion:154 Resp: 703650
Ion Ratio Lower Upper
154 100
153 42.2 22.2 62.2
76 12.1 0.0 32.4

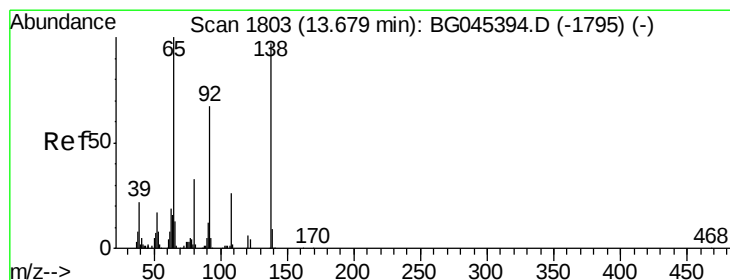
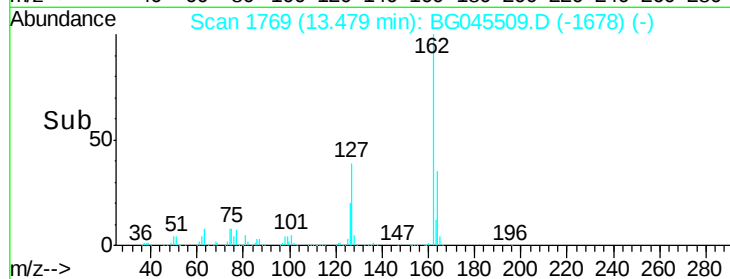
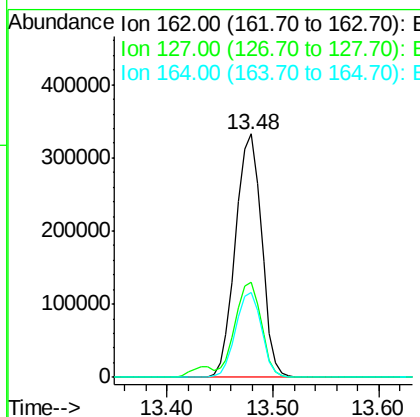
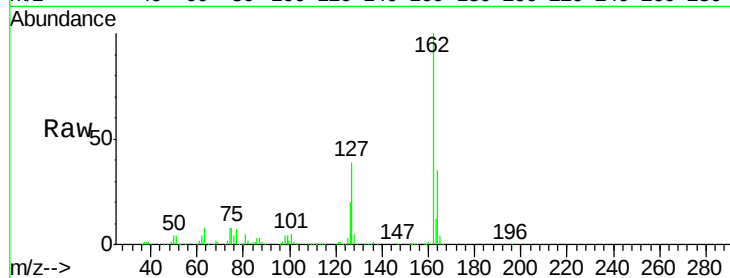




#47
 2-Chloronaphthalene
 Concen: 41.047 ng
 RT: 13.48 min Scan# 1769
 Delta R.T. 0.00 min
 Lab File: BG045509.D
 Acq: 29 May 2020 1:44

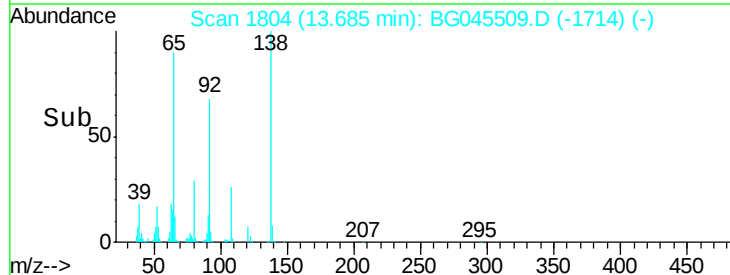
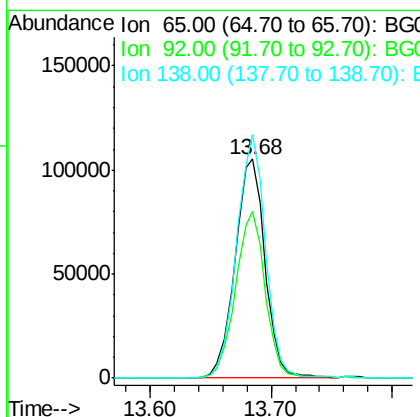
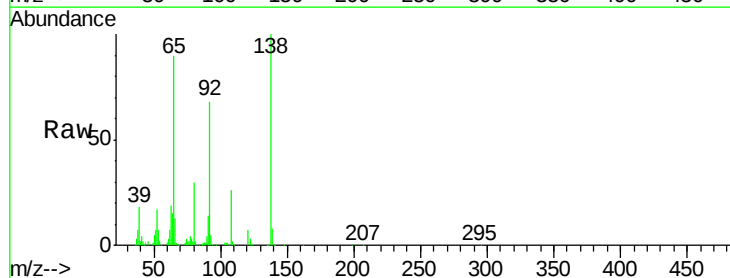
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

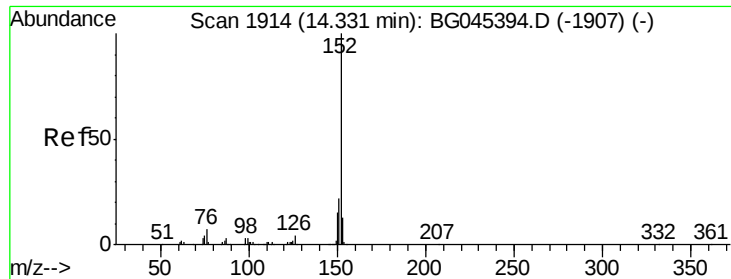
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.0	31.6	47.4
164	35.0	28.1	42.1



#48
 2-Nitroaniline
 Concen: 40.115 ng
 RT: 13.68 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: BG045509.D
 Acq: 29 May 2020 1:44

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.0	53.8	80.8
138	111.3	77.9	116.9





#49

Acenaphthylene

Concen: 40.815 ng

RT: 14.32 min Scan# 1913

Delta R.T. -0.00 min

Lab File: BG045509.D

Acq: 29 May 2020 1:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

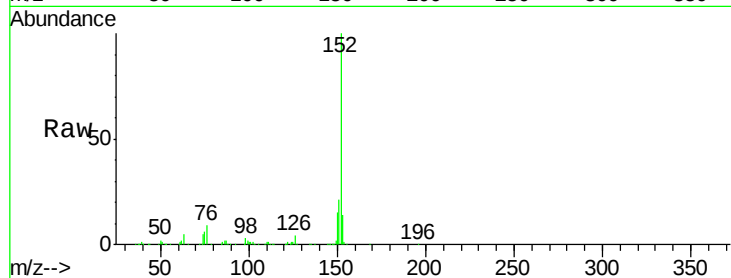
Tot Ion:152 Resp: 906603

Ion Ratio Lower Upper

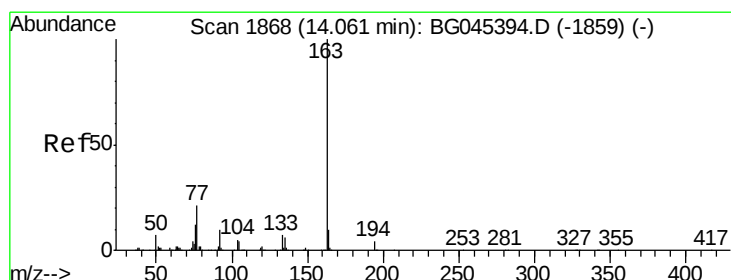
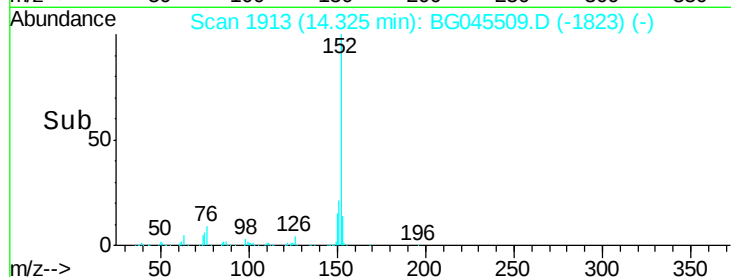
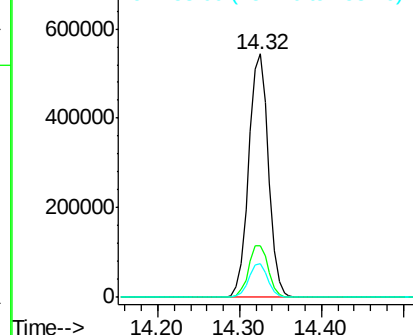
152 100

151 21.3 17.4 26.2

153 13.9 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: 38.934 ng

RT: 14.06 min Scan# 1868

Delta R.T. 0.00 min

Lab File: BG045509.D

Acq: 29 May 2020 1:44

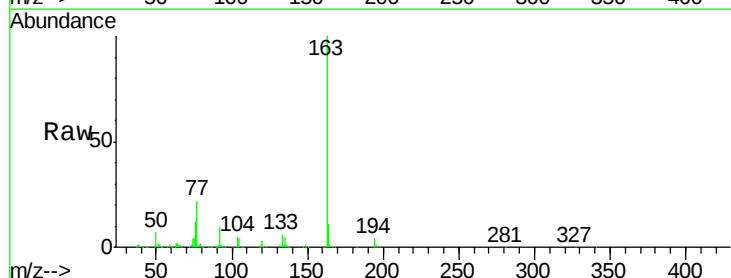
Tgt Ion:163 Resp: 740225

Ion Ratio Lower Upper

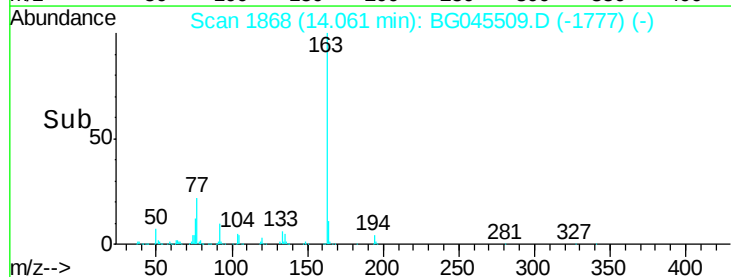
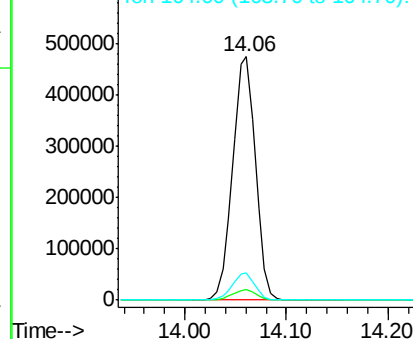
163 100

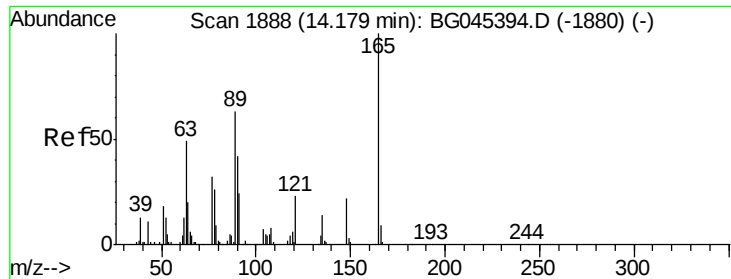
194 4.5 3.2 4.8

164 11.1 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

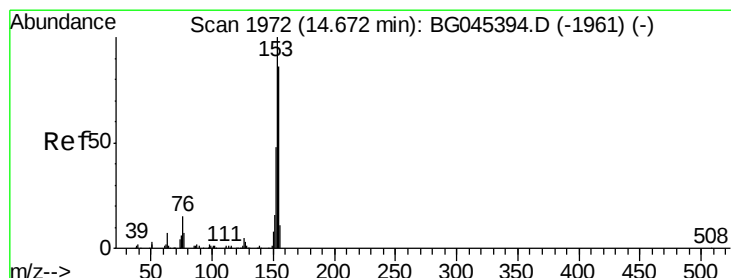
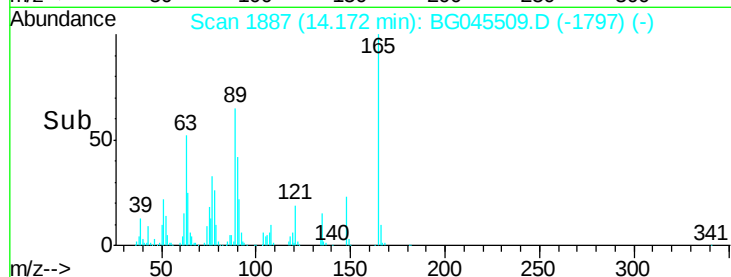
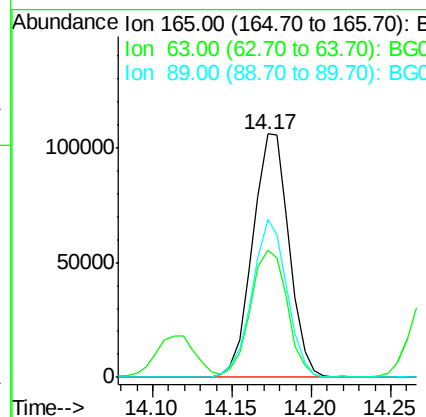
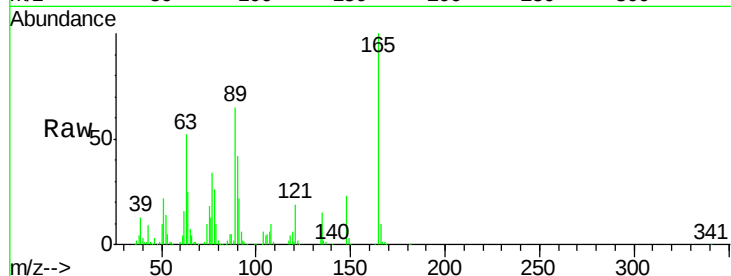




#51
 2,6-Dinitrotoluene
 Concen: 39.485 ng
 RT: 14.17 min Scan# 1887
 Delta R.T. -0.00 min
 Lab File: BG045509.D
 Acq: 29 May 2020 1:44

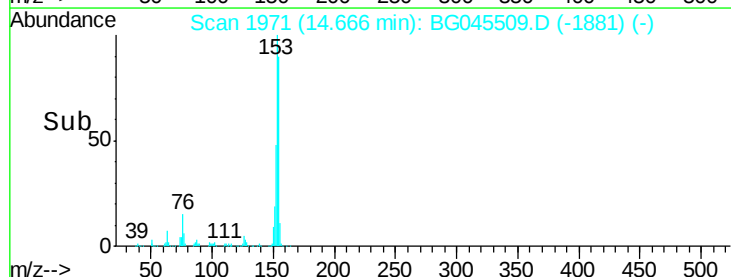
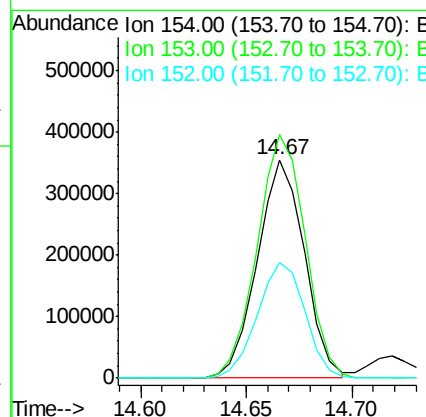
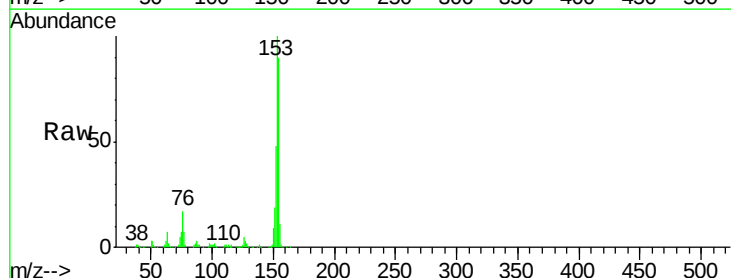
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

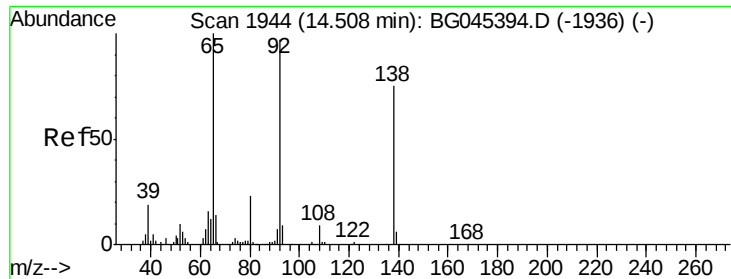
Tot Ion	Ratio	Lower	Upper
165	100		
63	52.2	45.0	67.4
89	64.7	50.2	75.4



#52
 Acenaphthene
 Concen: 36.861 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.00 min
 Lab File: BG045509.D
 Acq: 29 May 2020 1:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.6	92.8	139.2
152	53.3	44.6	66.8





#53

3-Nitroaniline

Concen: 40.029 ng

RT: 14.51 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG045509.D

Acq: 29 May 2020 1:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

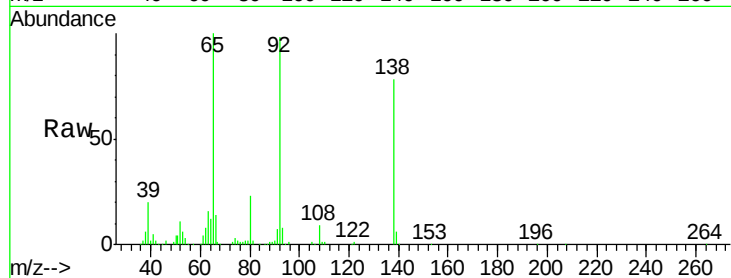
Tot Ion:138 Resp: 174569

Ion Ratio Lower Upper

138 100

108 11.6 9.8 14.6

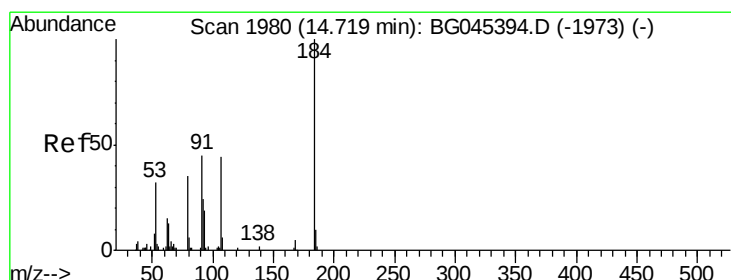
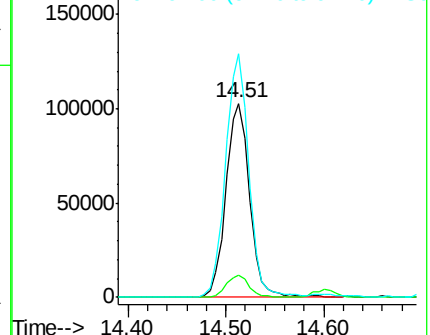
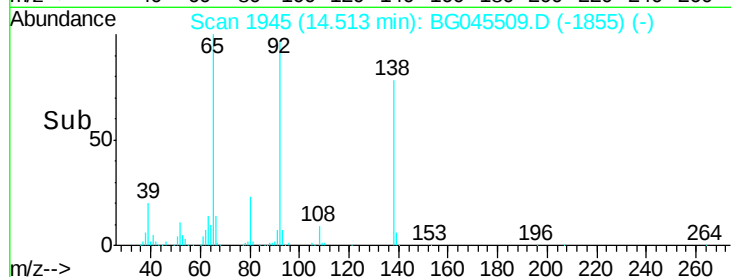
92 125.6 103.0 154.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 34.202 ng

RT: 14.72 min Scan# 1980

Delta R.T. -0.00 min

Lab File: BG045509.D

Acq: 29 May 2020 1:44

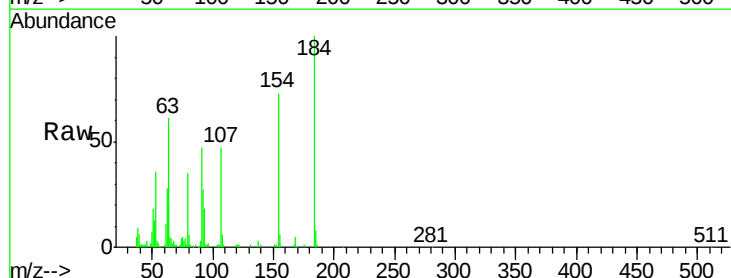
Tgt Ion:184 Resp: 86693

Ion Ratio Lower Upper

184 100

63 61.0 47.8 71.6

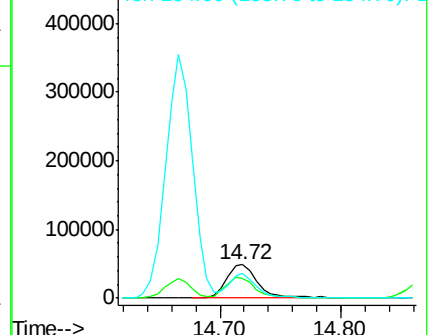
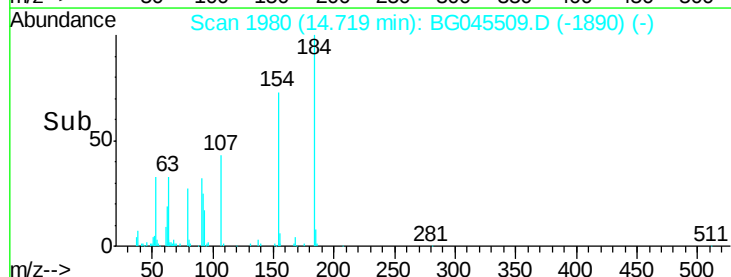
154 73.2 58.3 87.5

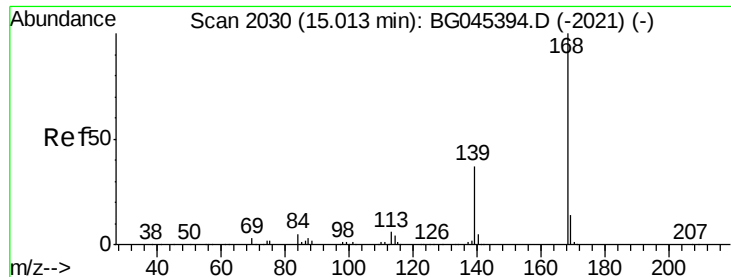


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

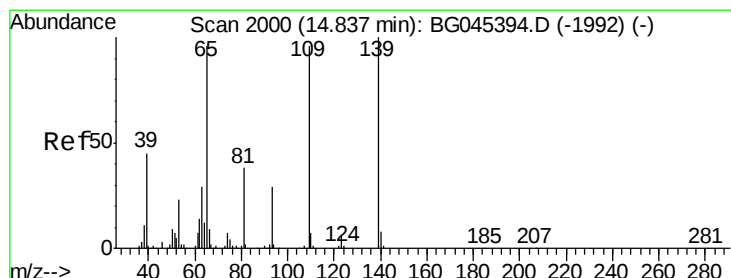
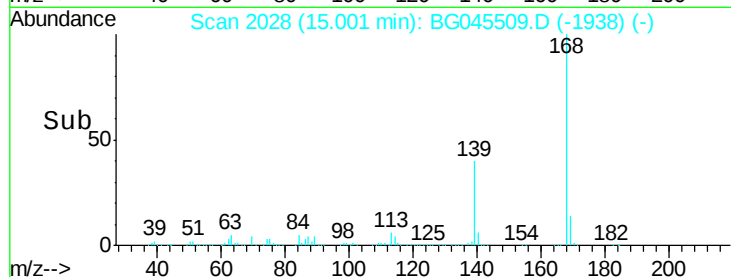
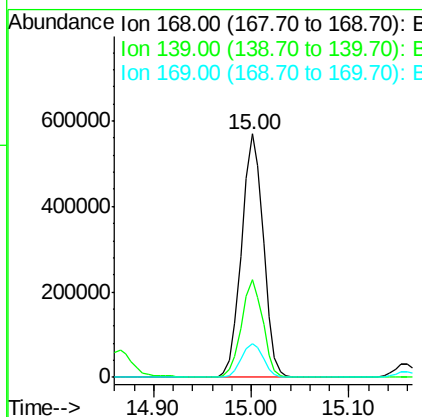
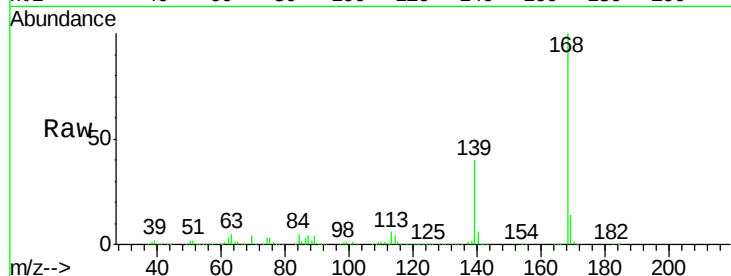




#55
 Dibenzofuran
 Concen: 40.212 ng
 RT: 15.00 min Scan# 2028
 Delta R.T. -0.00 min
 Lab File: BG045509.D
 Acq: 29 May 2020 1:44

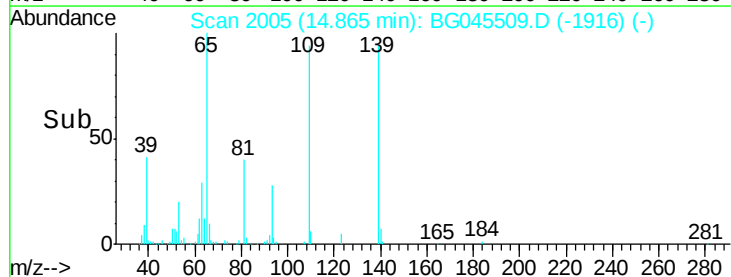
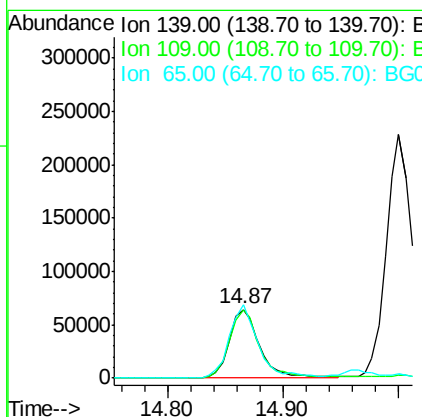
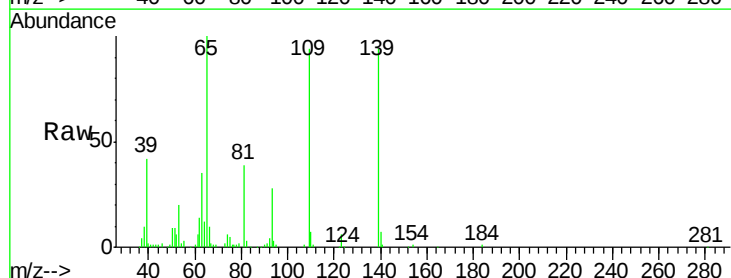
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

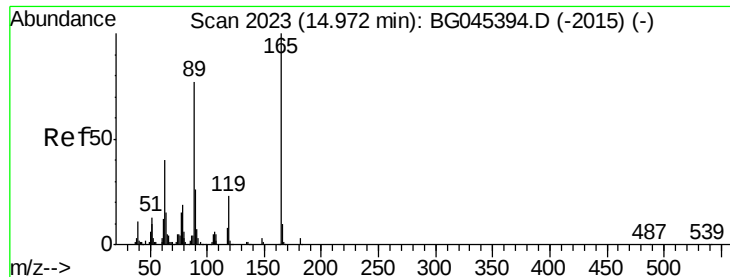
Tot Ion	Ratio	Lower	Upper
168	100		
139	40.0	29.9	44.9
169	14.1	10.9	16.3



#56
 4-Nitrophenol
 Concen: 35.738 ng
 RT: 14.87 min Scan# 2005
 Delta R.T. -0.01 min
 Lab File: BG045509.D
 Acq: 29 May 2020 1:44

Tgt Ion	Ratio	Lower	Upper
139	100		
109	99.8	75.6	115.6
65	106.7	76.8	116.8

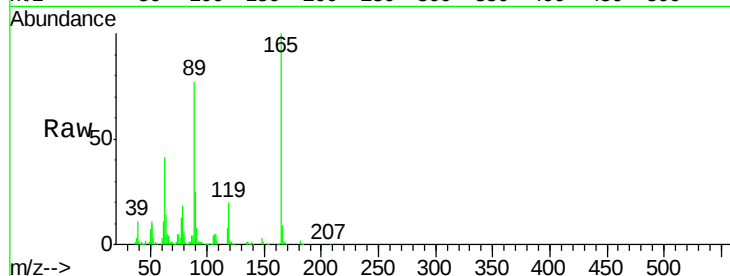




#57
2,4-Dinitrotoluene
Concen: 39.503 ng
RT: 14.97 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BG045509.D
Acq: 29 May 2020 1:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:165	Resp:	245439
Ion	Ratio	Lower Upper
165	100	
63	41.4	32.5 48.7
89	76.9	61.8 92.6
182	2.4	2.3 3.5

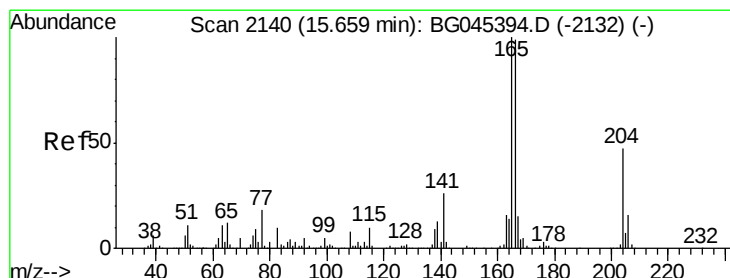
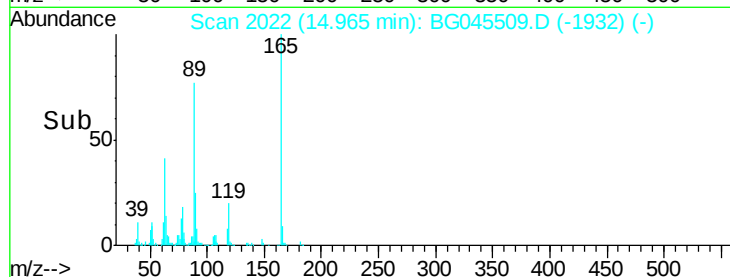
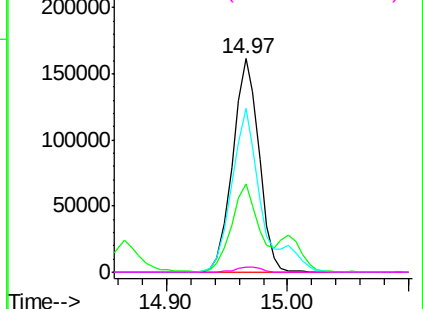


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): B

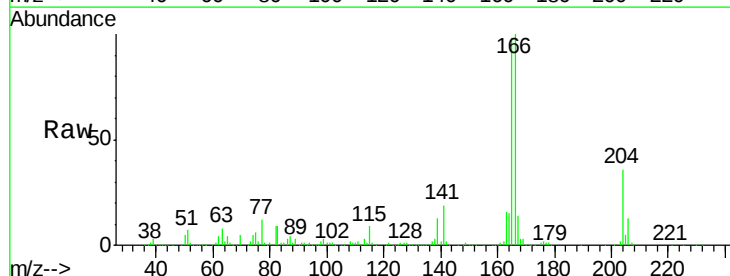
Ion 89.00 (88.70 to 89.70): B

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 40.310 ng
RT: 15.65 min Scan# 2139
Delta R.T. 0.00 min
Lab File: BG045509.D
Acq: 29 May 2020 1:44

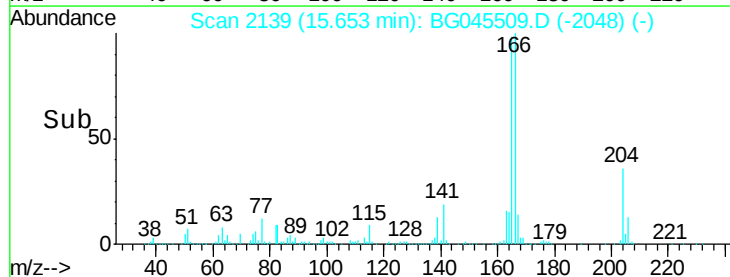
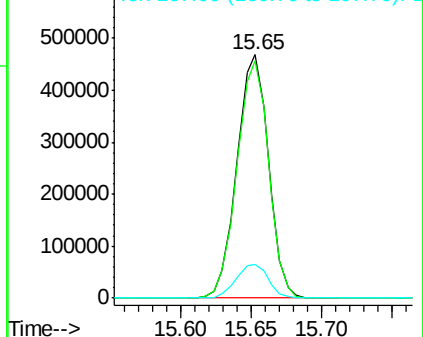
Tgt Ion:166	Resp:	731221
Ion	Ratio	Lower Upper
166	100	
165	97.7	80.8 121.2
167	13.7	12.0 18.0

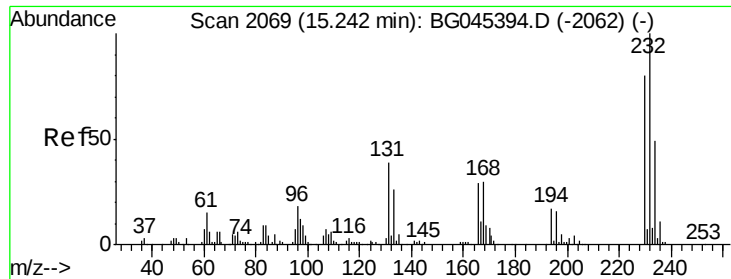


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

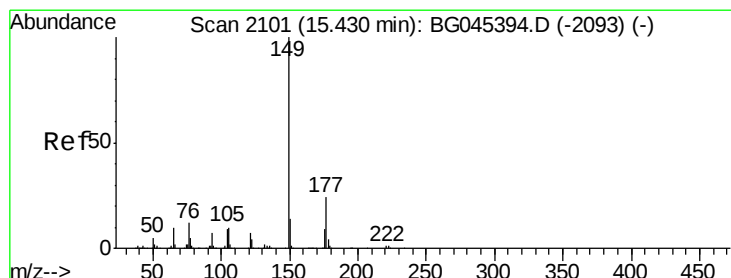
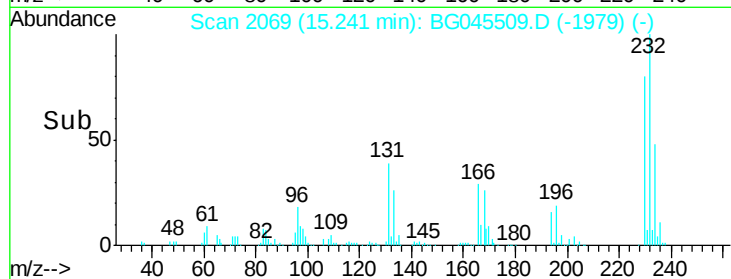
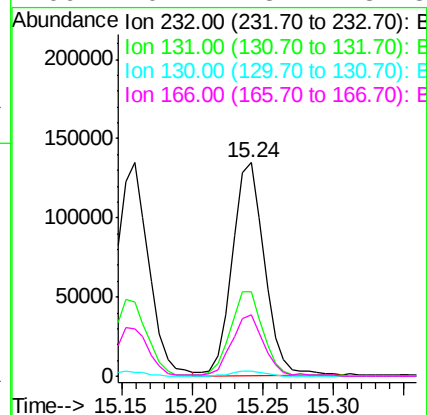
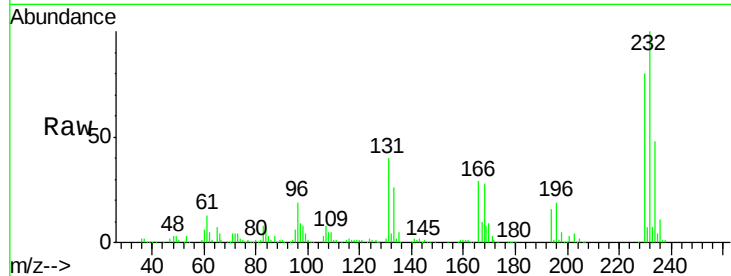




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.568 ng
RT: 15.24 min Scan# 2069
Delta R.T. -0.00 min
Lab File: BG045509.D
Acq: 29 May 2020 1:44

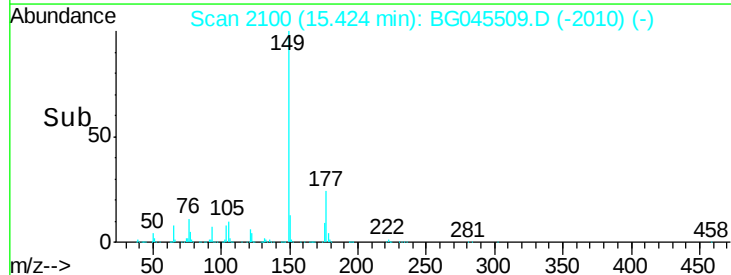
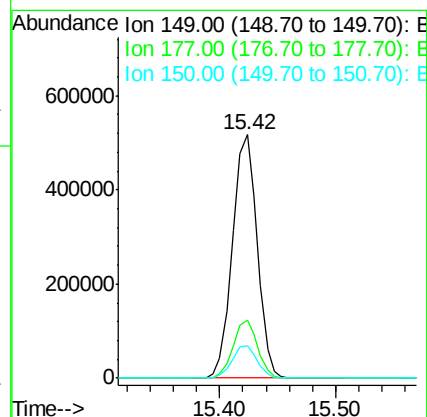
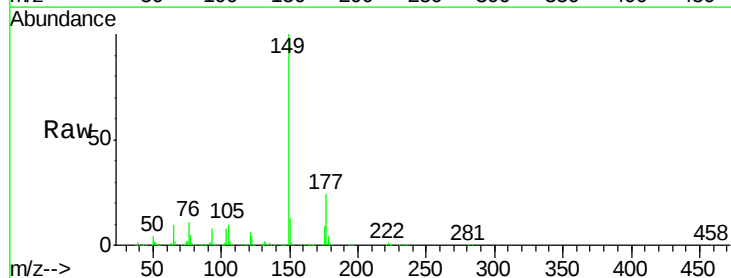
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

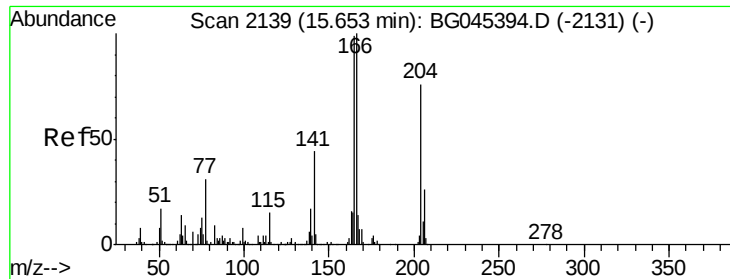
Tot Ion:	232	Resp:	213916
Ion	Ratio	Lower	Upper
232	100		
131	40.3	33.7	50.5
130	2.5	2.1	3.1
166	29.4	23.2	34.8



#60
Diethylphthalate
Concen: 38.670 ng
RT: 15.42 min Scan# 2100
Delta R.T. -0.00 min
Lab File: BG045509.D
Acq: 29 May 2020 1:44

Tgt Ion:	149	Resp:	765220
Ion	Ratio	Lower	Upper
149	100		
177	23.7	19.0	28.4
150	13.4	11.4	17.0

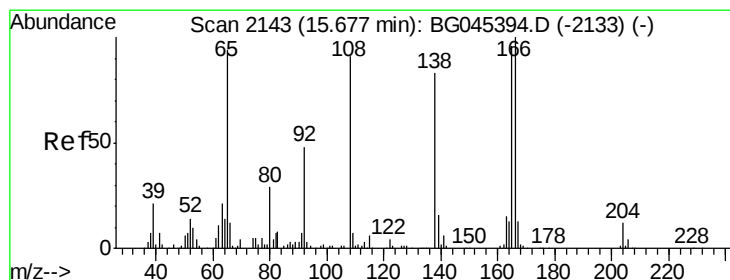
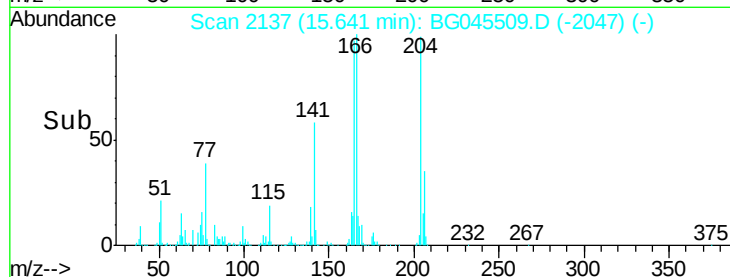
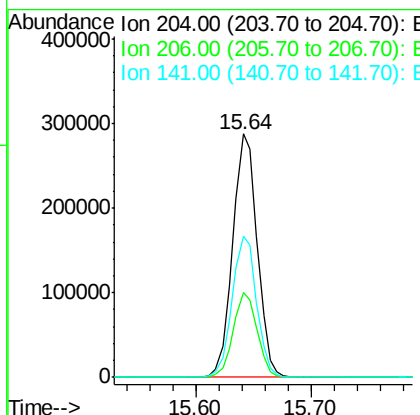
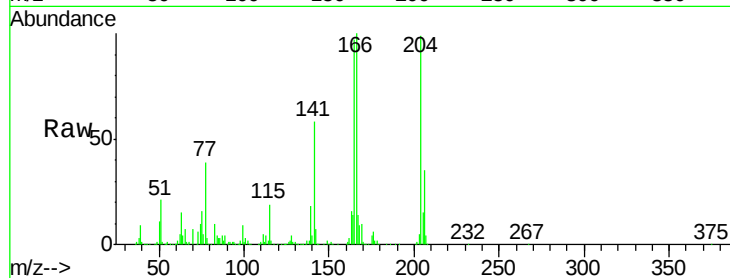




#61
4-Chlorophenyl-phenylether
Concen: 40.599 ng
RT: 15.64 min Scan# 2137
Delta R.T. -0.00 min
Lab File: BG045509.D
Acq: 29 May 2020 1:44

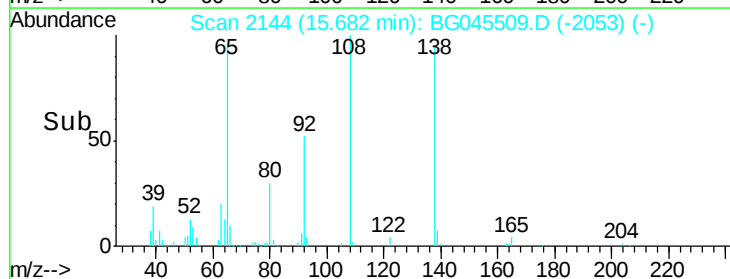
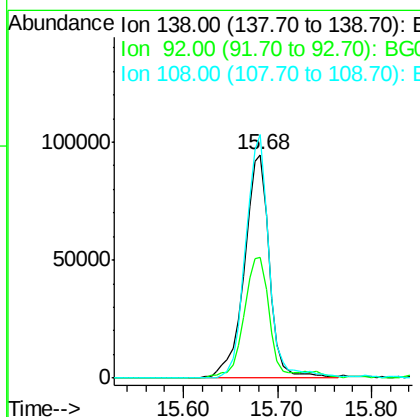
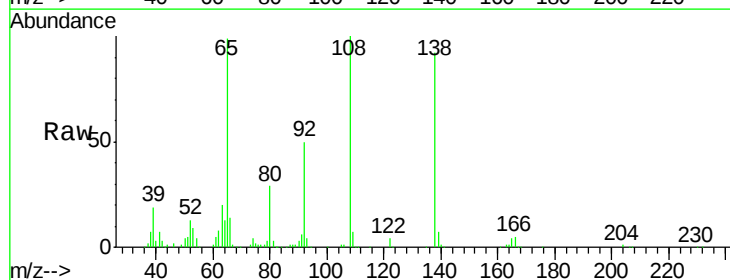
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

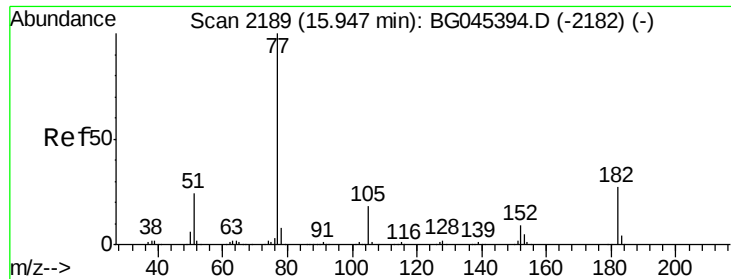
Tot Ion:204 Resp: 421425
Ion Ratio Lower Upper
204 100
206 34.9 27.3 40.9
141 58.1 45.9 68.9



#62
4-Nitroaniline
Concen: 38.371 ng
RT: 15.68 min Scan# 2144
Delta R.T. 0.00 min
Lab File: BG045509.D
Acq: 29 May 2020 1:44

Tgt Ion:138 Resp: 174696
Ion Ratio Lower Upper
138 100
92 54.2 38.0 78.0
108 108.8 89.3 129.3

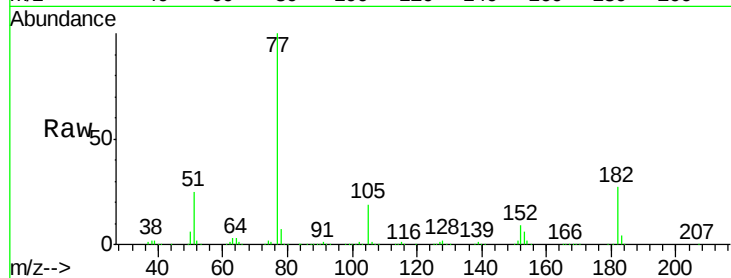




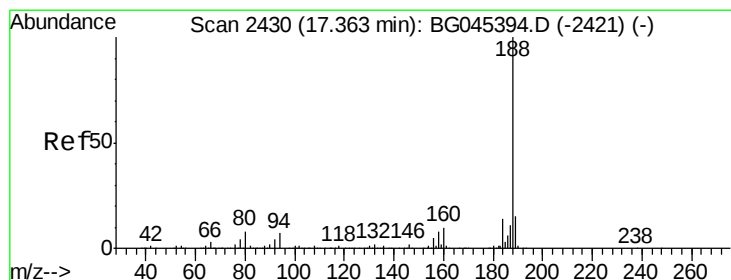
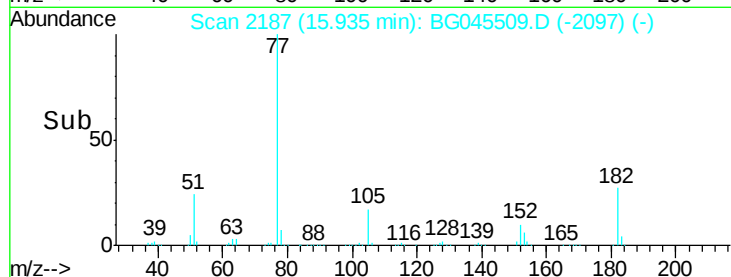
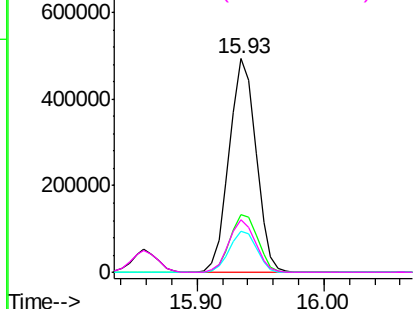
#63
Azobenzene
Concen: 39.064 ng
RT: 15.93 min Scan# 2187
Delta R.T. -0.00 min
Lab File: BG045509.D
Acq: 29 May 2020 1:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	77	Resp:	720793
Ion	Ratio	Lower	Upper
77	100		
182	26.7	6.5	46.5
105	19.3	0.0	37.9
51	24.8	4.1	44.1

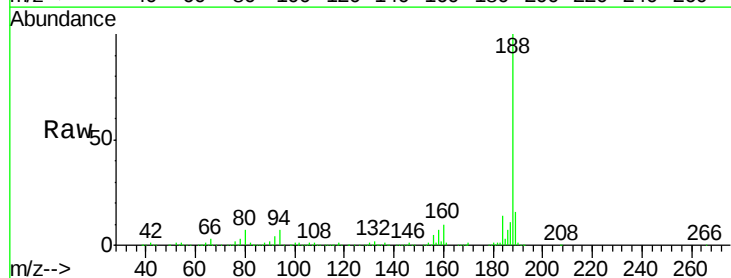


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

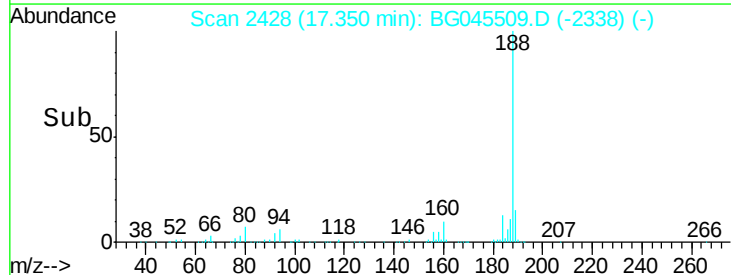
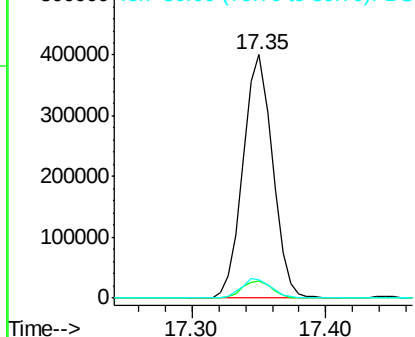


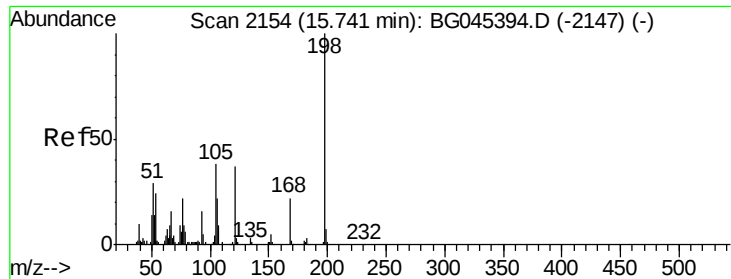
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2428
Delta R.T. -0.00 min
Lab File: BG045509.D
Acq: 29 May 2020 1:44

Tgt Ion:	188	Resp:	613284
Ion	Ratio	Lower	Upper
188	100		
94	7.0	5.5	8.3
80	7.3	6.6	10.0



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 38.656 ng

RT: 15.73 min Scan# 2153

Delta R.T. -0.00 min

Lab File: BG045509.D

Acq: 29 May 2020 1:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

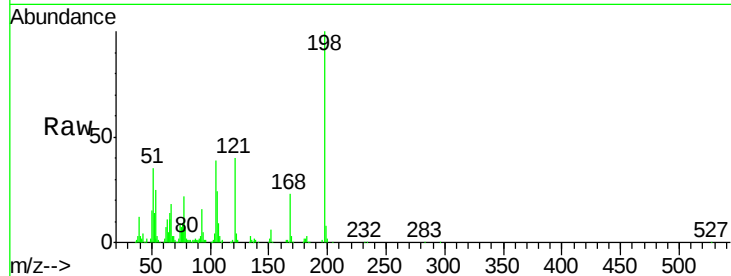
Tot Ion:198 Resp: 138068

Ion Ratio Lower Upper

198 100

51 34.7 10.0 50.0

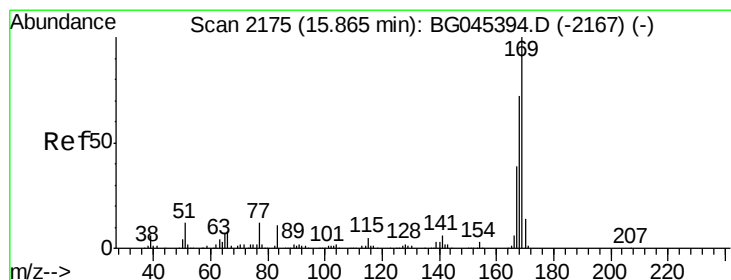
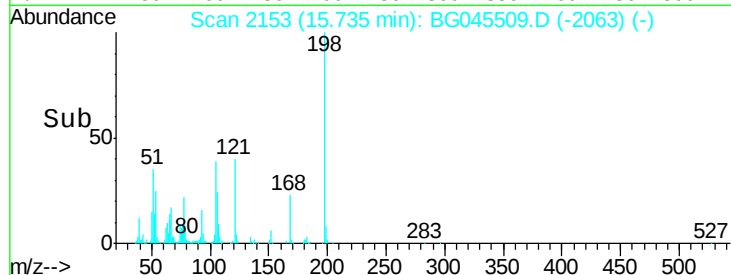
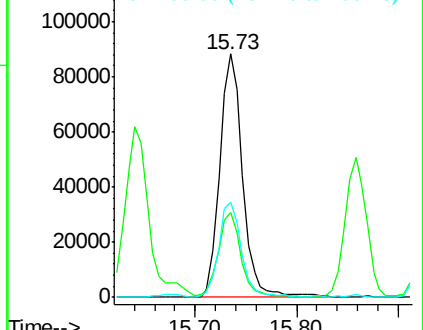
105 38.9 18.9 58.9



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: 43.488 ng

RT: 15.86 min Scan# 2174

Delta R.T. -0.00 min

Lab File: BG045509.D

Acq: 29 May 2020 1:44

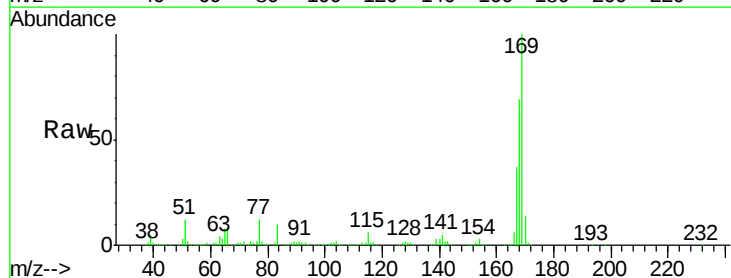
Tgt Ion:169 Resp: 640358

Ion Ratio Lower Upper

169 100

168 68.8 57.8 86.6

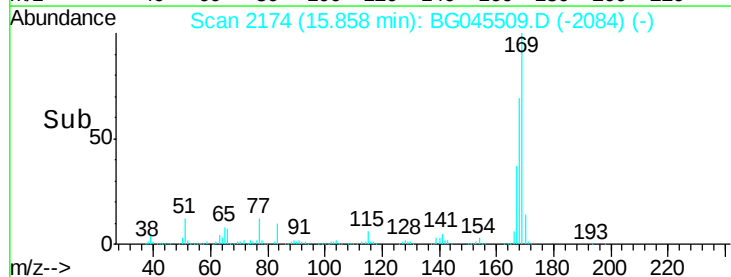
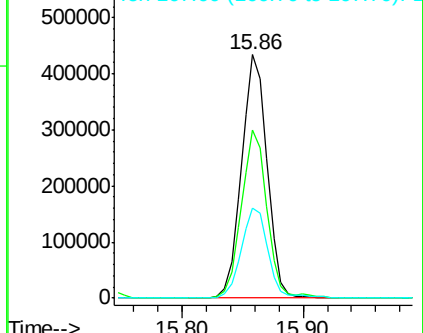
167 37.1 31.5 47.3

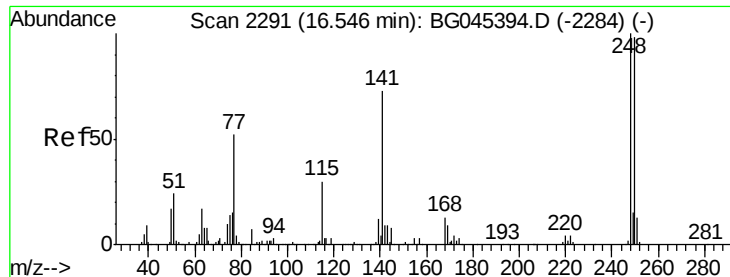


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 45.106 ng

RT: 16.54 min Scan# 2290

Delta R.T. 0.00 min

Lab File: BG045509.D

Acq: 29 May 2020 1:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

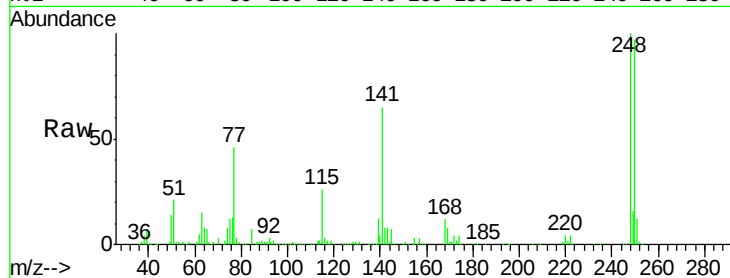
Tot Ion:248 Resp: 299540

Ion Ratio Lower Upper

248 100

250 96.5 78.6 117.8

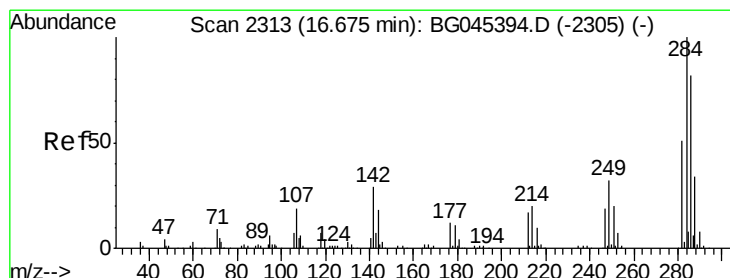
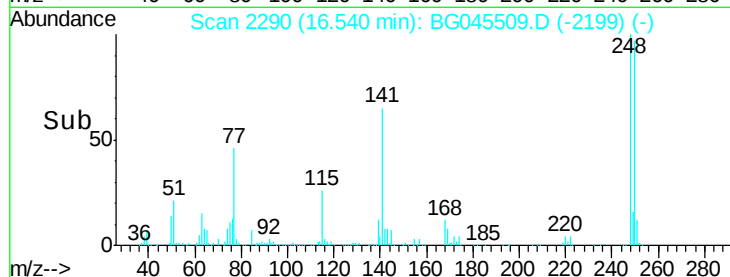
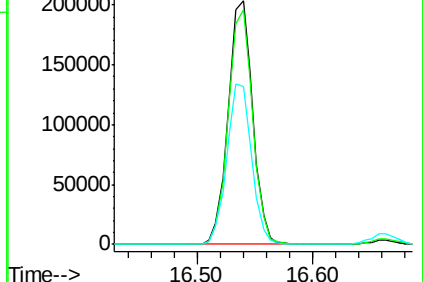
141 64.7 58.2 87.2



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 43.700 ng

RT: 16.66 min Scan# 2311

Delta R.T. -0.00 min

Lab File: BG045509.D

Acq: 29 May 2020 1:44

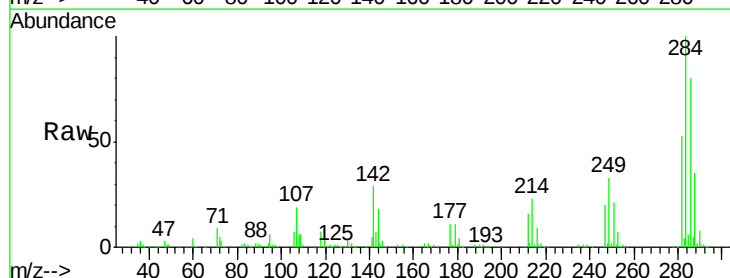
Tgt Ion:284 Resp: 303532

Ion Ratio Lower Upper

284 100

142 29.1 23.0 34.6

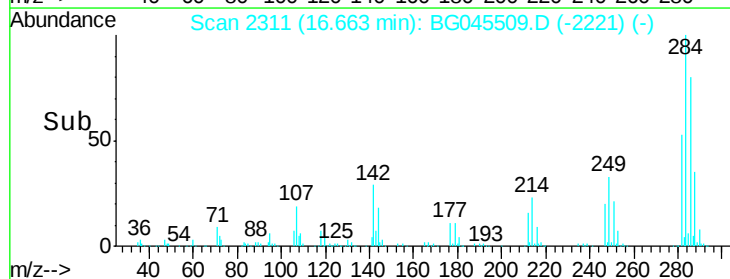
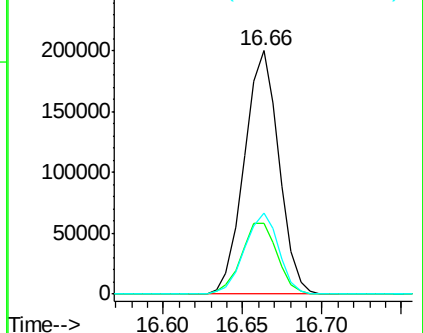
249 33.0 25.8 38.6

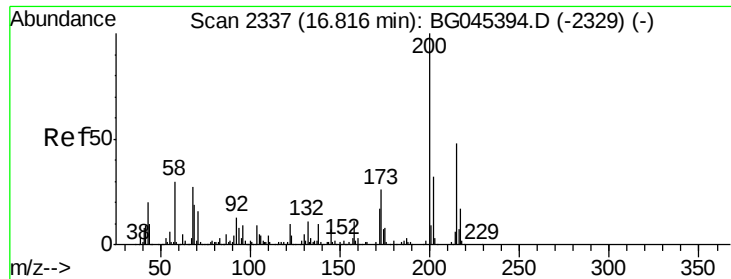


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

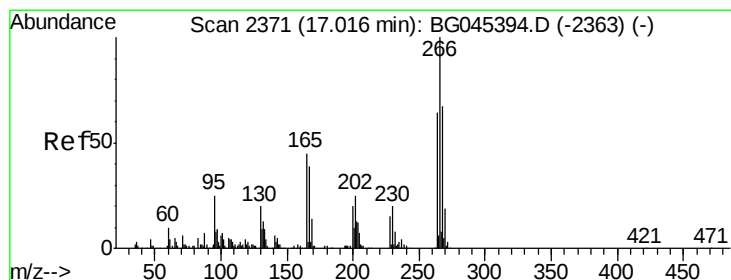
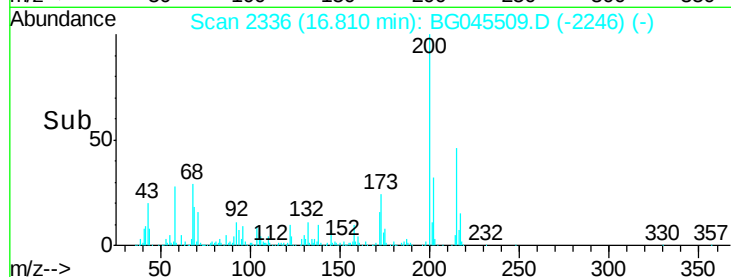
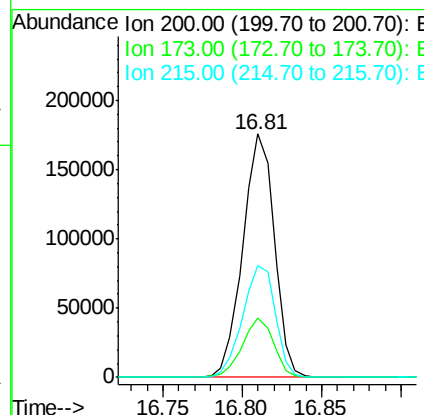
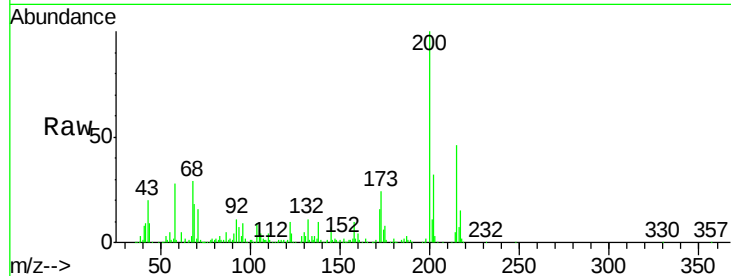




#69
Atrazine
Concen: 40.110 ng
RT: 16.81 min Scan# 2336
Delta R.T. -0.00 min
Lab File: BG045509.D
Acq: 29 May 2020 1:44

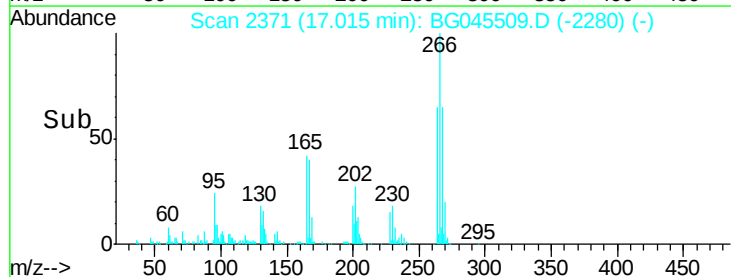
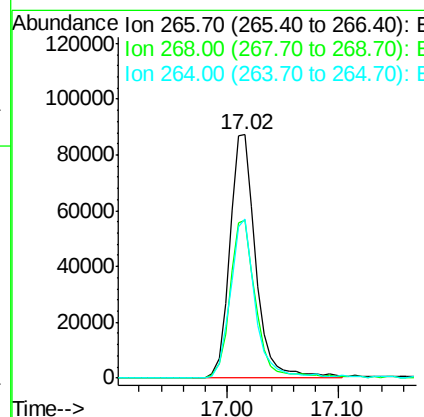
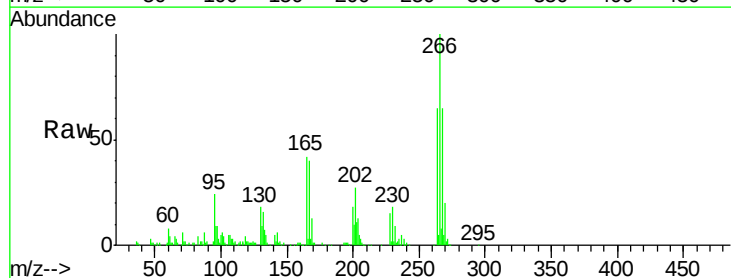
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

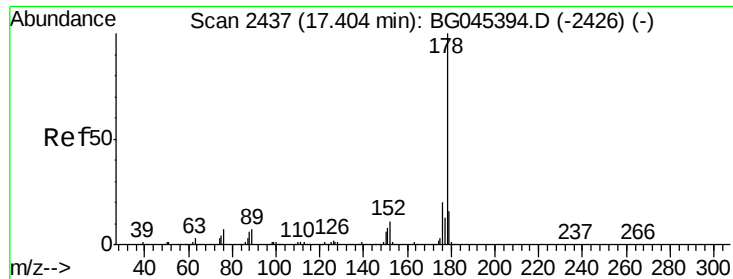
Tot Ion	Ratio	Lower	Upper
200	100		
173	24.1	5.5	45.5
215	45.8	28.2	68.2



#70
Pentachlorophenol
Concen: 39.904 ng
RT: 17.02 min Scan# 2371
Delta R.T. 0.00 min
Lab File: BG045509.D
Acq: 29 May 2020 1:44

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.7	53.2	79.8
264	65.4	51.0	76.4

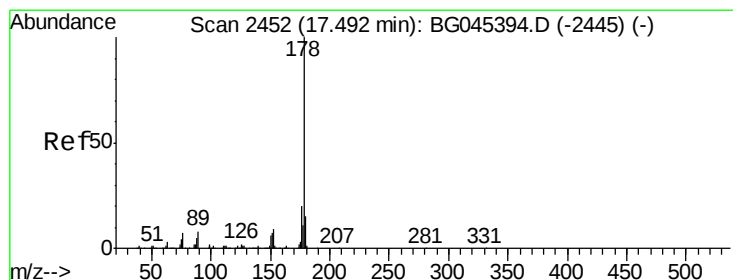
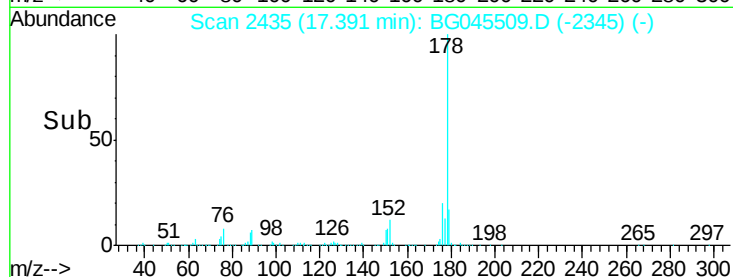
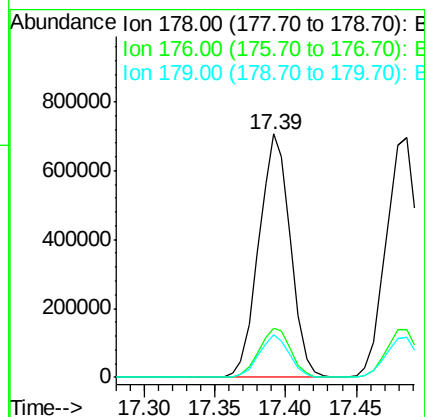
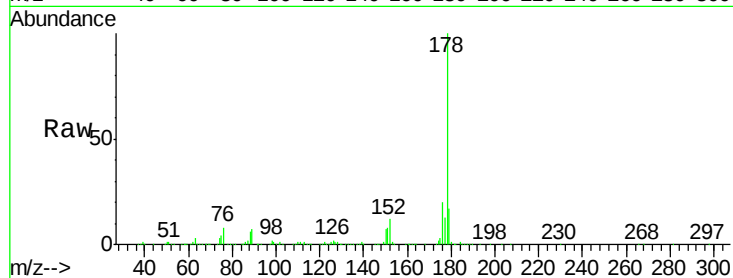




#71
Phenanthrene
Concen: 41.377 ng
RT: 17.39 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BG045509.D
Acq: 29 May 2020 1:44

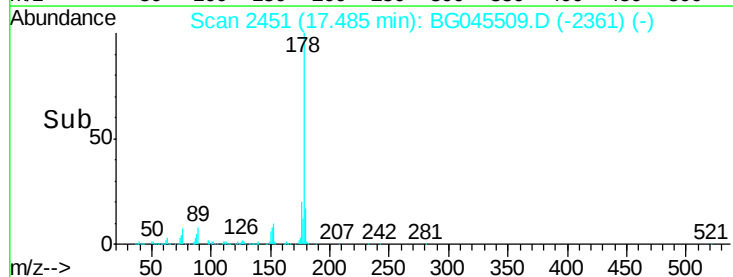
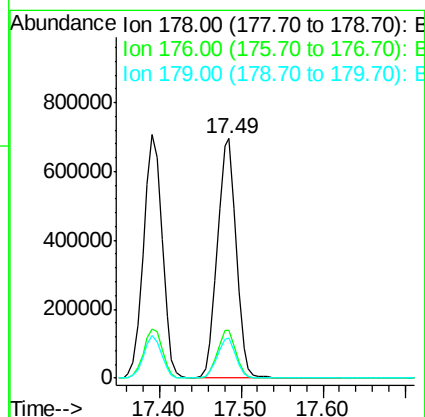
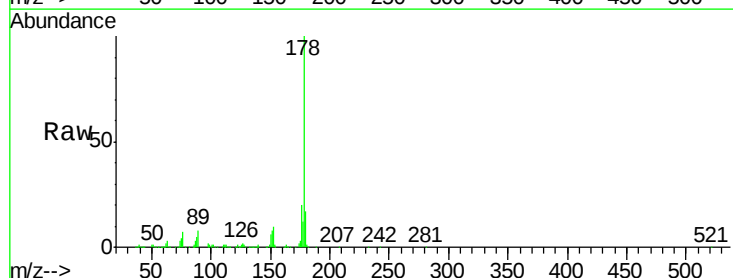
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:178 Resp: 1107809
Ion Ratio Lower Upper
178 100
176 20.3 16.2 24.4
179 17.3 13.1 19.7



#72
Anthracene
Concen: 41.623 ng
RT: 17.49 min Scan# 2451
Delta R.T. -0.00 min
Lab File: BG045509.D
Acq: 29 May 2020 1:44

Tgt Ion:178 Resp: 1119097
Ion Ratio Lower Upper
178 100
176 20.1 15.8 23.6
179 16.6 12.2 18.4

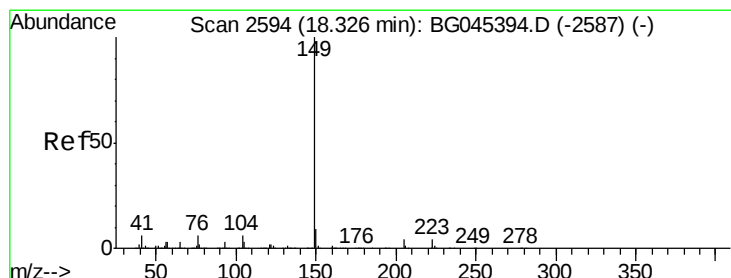
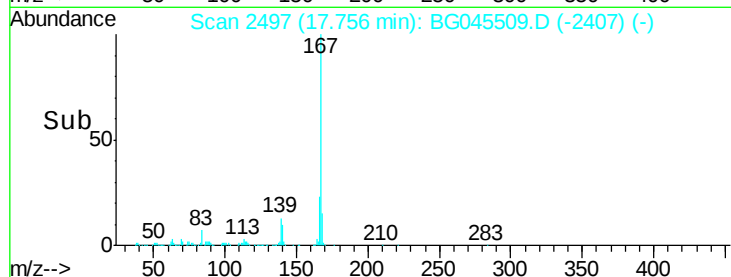
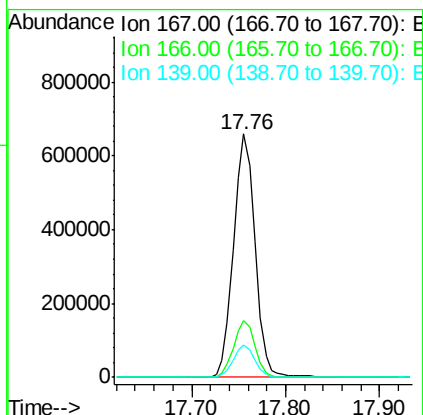
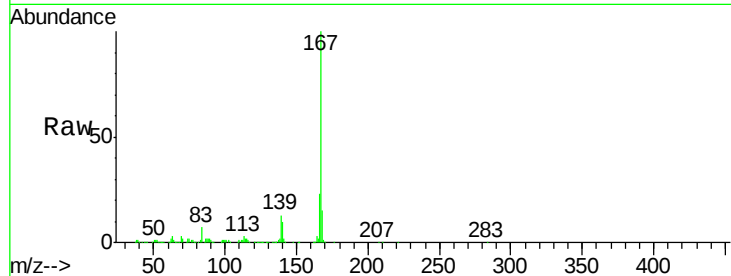




#73
 Carbazole
 Concen: 40.047 ng
 RT: 17.76 min Scan# 2497
 Delta R.T. -0.00 min
 Lab File: BG045509.D
 Acq: 29 May 2020 1:44

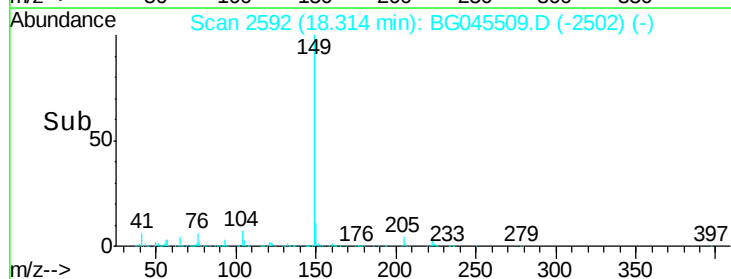
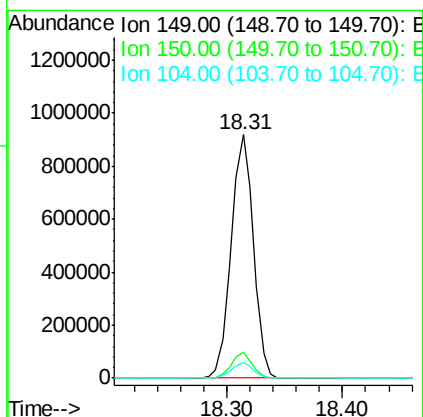
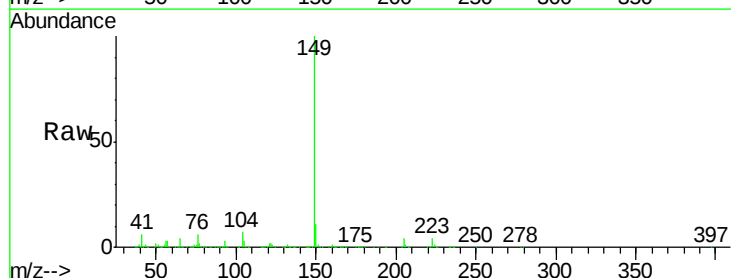
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

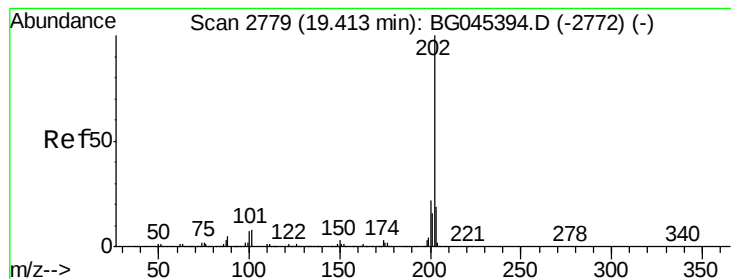
Tot Ion:167 Resp: 1049547
 Ion Ratio Lower Upper
 167 100
 166 23.5 19.2 28.8
 139 13.2 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 38.817 ng
 RT: 18.31 min Scan# 2592
 Delta R.T. -0.00 min
 Lab File: BG045509.D
 Acq: 29 May 2020 1:44

Tgt Ion:149 Resp: 1221026
 Ion Ratio Lower Upper
 149 100
 150 10.7 7.6 11.4
 104 6.5 5.0 7.4





#75

Fluoranthene

Concen: 38.430 ng

RT: 19.40 min Scan# 2777

Delta R.T. -0.00 min

Lab File: BG045509.D

Acq: 29 May 2020 1:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

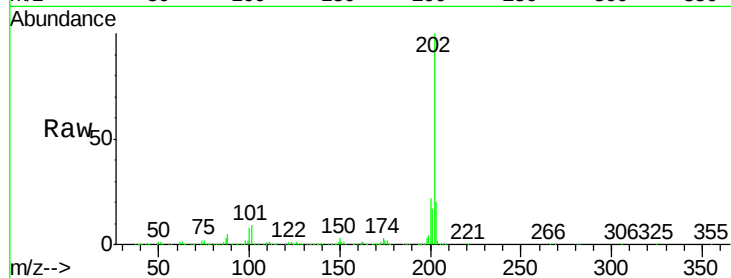
Tot Ion:202 Resp: 1308678

Ion Ratio Lower Upper

202 100

101 9.0 0.0 28.3

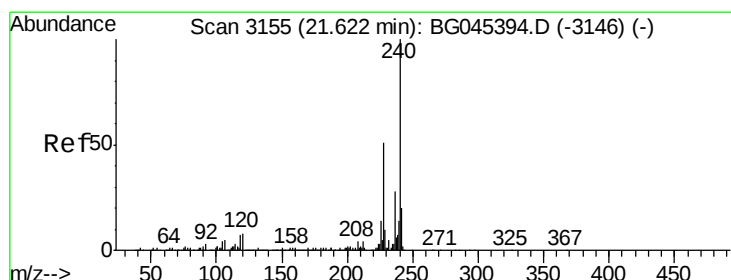
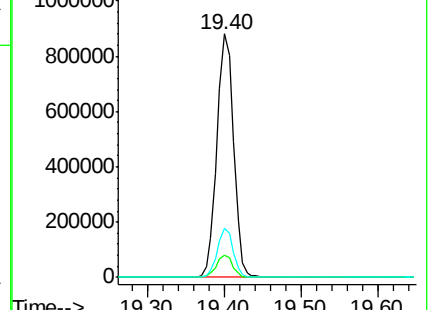
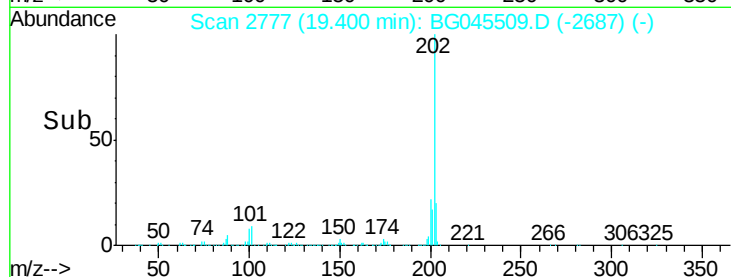
203 19.9 0.0 39.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.61 min Scan# 3153

Delta R.T. -0.00 min

Lab File: BG045509.D

Acq: 29 May 2020 1:44

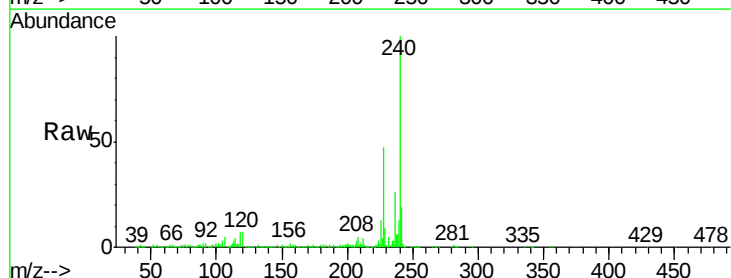
Tgt Ion:240 Resp: 540908

Ion Ratio Lower Upper

240 100

120 6.9 6.1 9.1

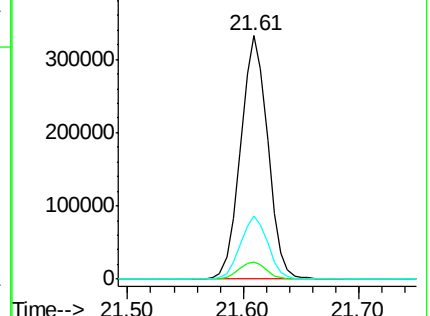
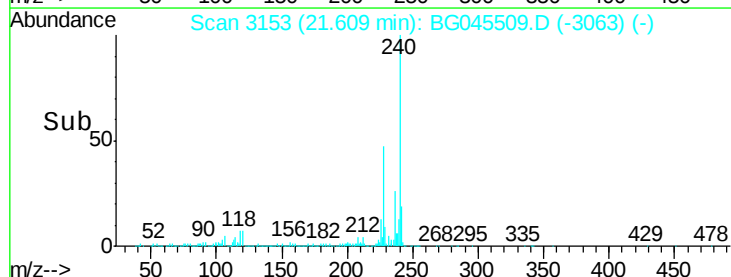
236 26.2 22.3 33.5

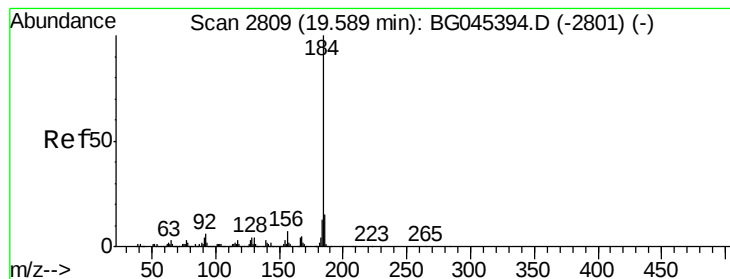


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 37.958 ng

RT: 19.58 min Scan# 2808

Delta R.T. -0.00 min

Lab File: BG045509.D

Acq: 29 May 2020 1:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

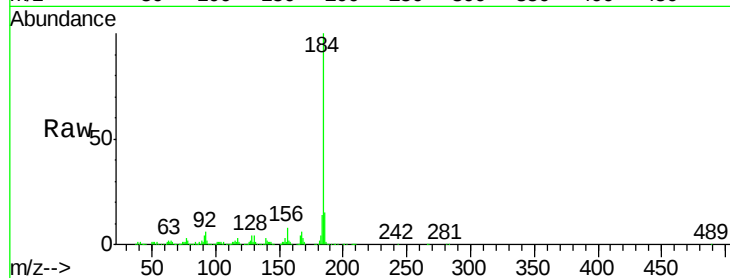
Tot Ion:184 Resp: 576639

Ion	Ratio	Lower	Upper
184	100		
185	15.2	11.7	17.5
183	13.6	10.2	15.4

184 100

185 15.2 11.7 17.5

183 13.6 10.2 15.4

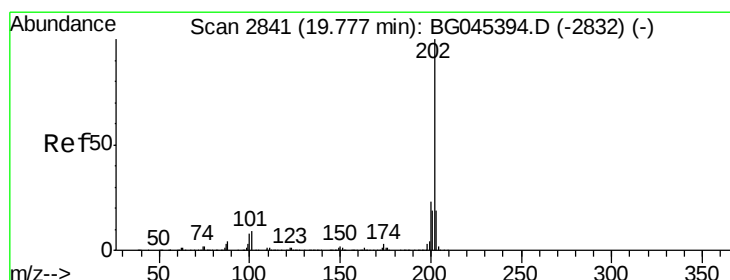
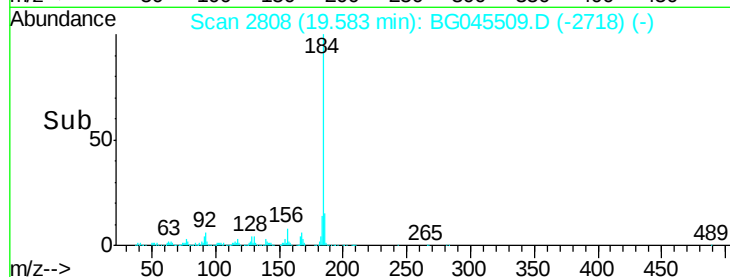
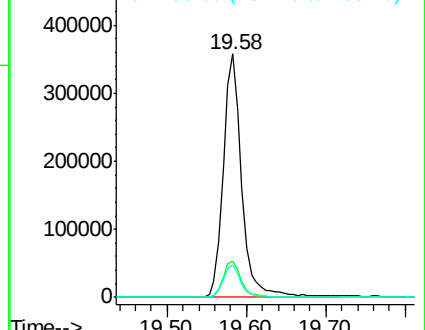


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.521 ng

RT: 19.76 min Scan# 2839

Delta R.T. -0.00 min

Lab File: BG045509.D

Acq: 29 May 2020 1:44

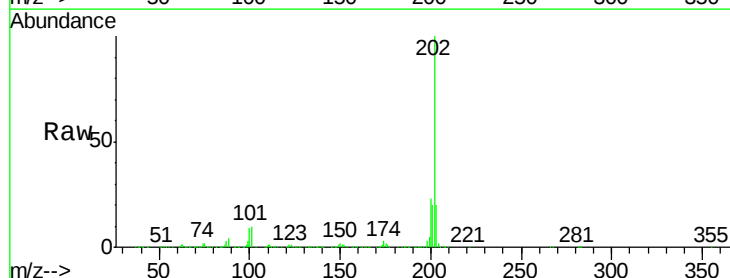
Tgt Ion:202 Resp: 1311095

Ion	Ratio	Lower	Upper
202	100		
200	23.0	18.2	27.2
203	19.5	15.1	22.7

202 100

200 23.0 18.2 27.2

203 19.5 15.1 22.7

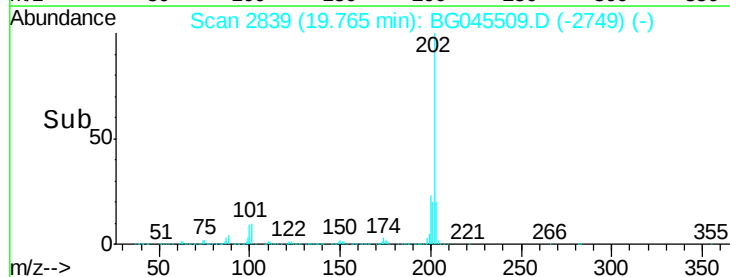
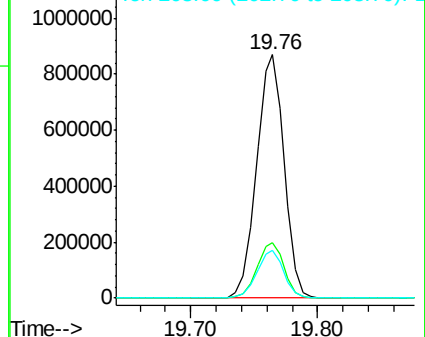


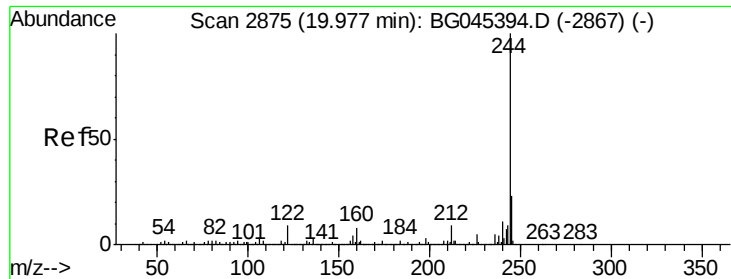
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 83.713 ng

RT: 19.96 min Scan# 2873

Delta R.T. -0.00 min

Lab File: BG045509.D

Acq: 29 May 2020 1:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

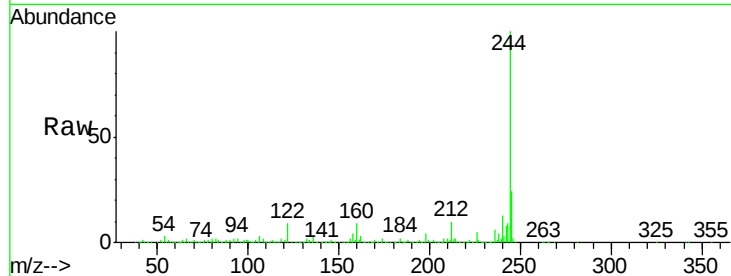
Tot Ion:244 Resp: 1941484

Ion Ratio Lower Upper

244 100

212 9.6 7.4 11.0

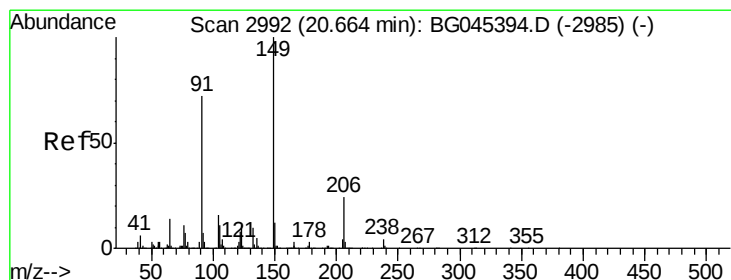
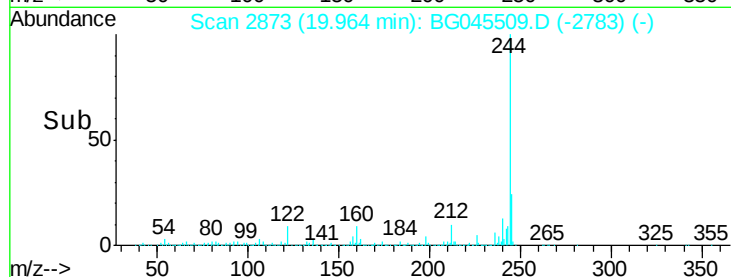
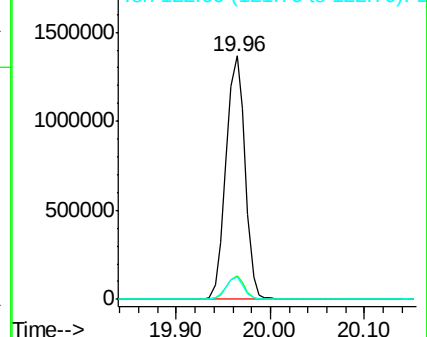
122 8.9 6.8 10.2



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: 41.411 ng

RT: 20.65 min Scan# 2990

Delta R.T. -0.00 min

Lab File: BG045509.D

Acq: 29 May 2020 1:44

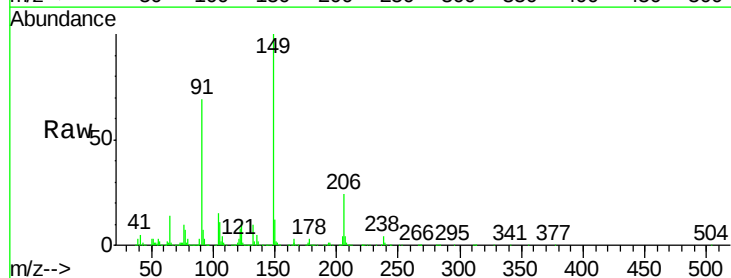
Tgt Ion:149 Resp: 551133

Ion Ratio Lower Upper

149 100

91 69.0 57.8 86.6

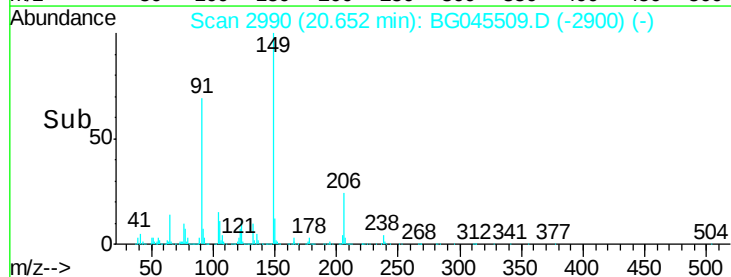
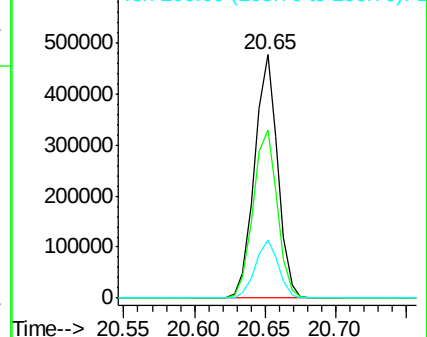
206 23.6 19.1 28.7

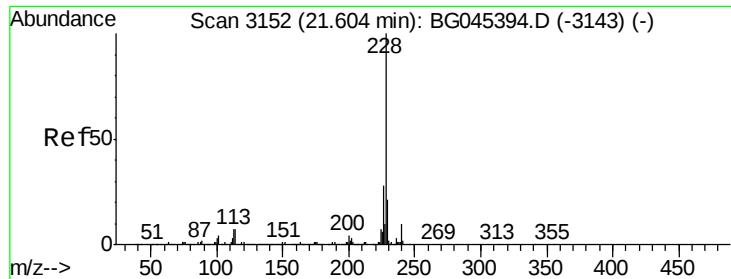


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.926 ng

RT: 21.59 min Scan# 3150

Delta R.T. -0.00 min

Lab File: BG045509.D

Acq: 29 May 2020 1:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

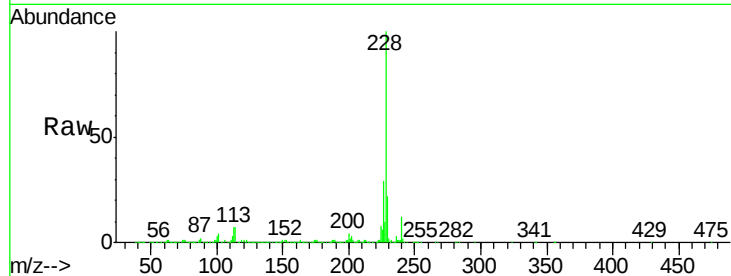
Tot Ion:228 Resp: 1263338

Ion Ratio Lower Upper

228 100

226 29.1 22.7 34.1

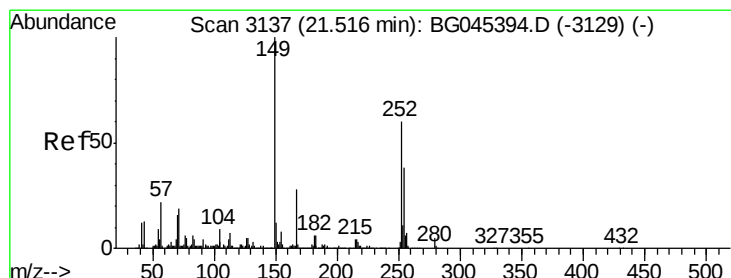
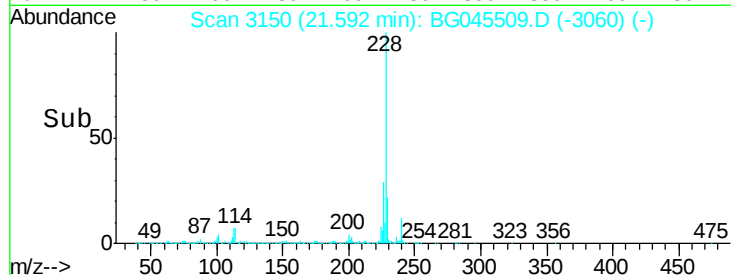
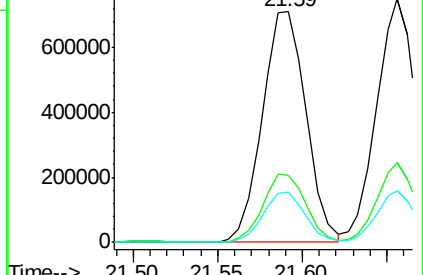
229 21.9 16.7 25.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 41.781 ng

RT: 21.51 min Scan# 3136

Delta R.T. 0.00 min

Lab File: BG045509.D

Acq: 29 May 2020 1:44

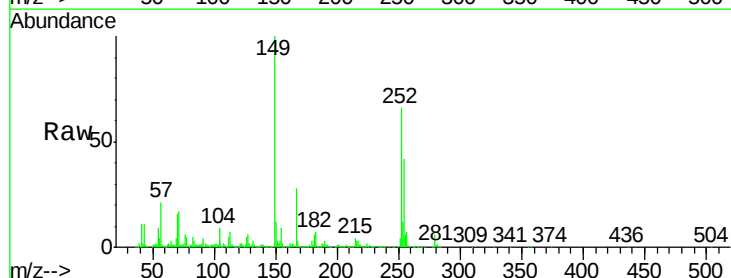
Tgt Ion:252 Resp: 493839

Ion Ratio Lower Upper

252 100

254 64.2 51.3 76.9

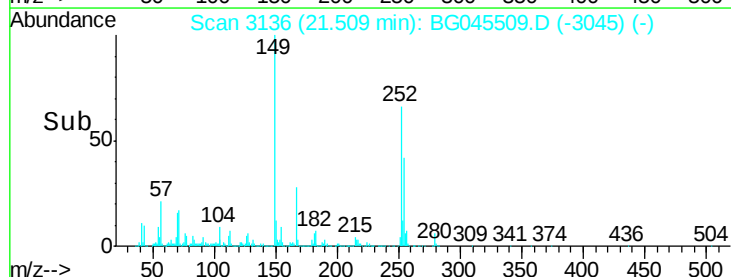
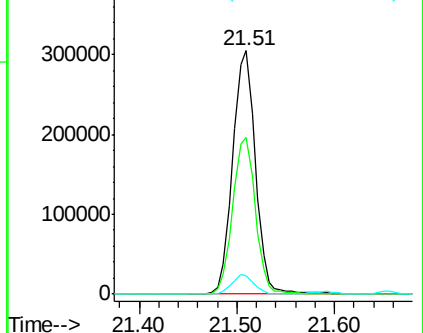
126 7.3 6.6 10.0

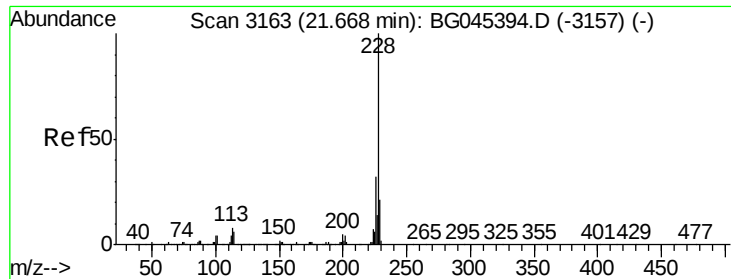


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 42.044 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.00 min

Lab File: BG045509.D

Acq: 29 May 2020 1:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

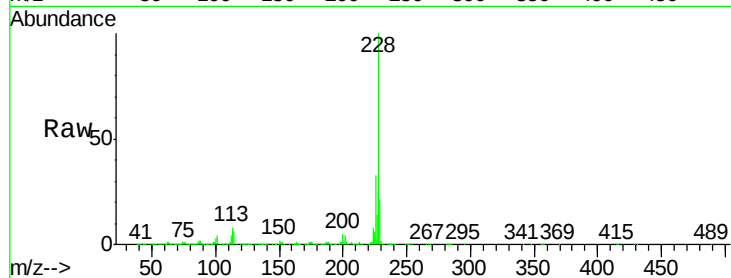
Tot Ion:228 Resp: 1218163

Ion Ratio Lower Upper

228 100

226 32.6 25.2 37.8

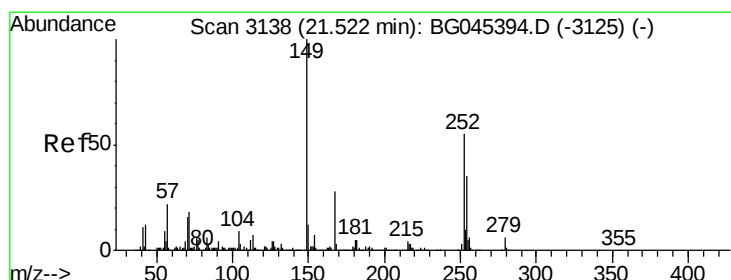
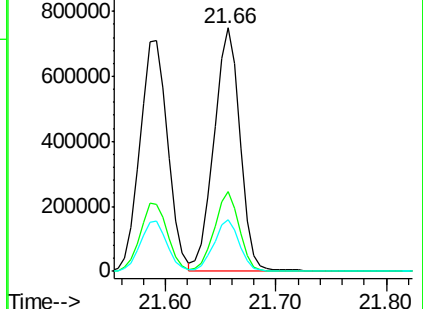
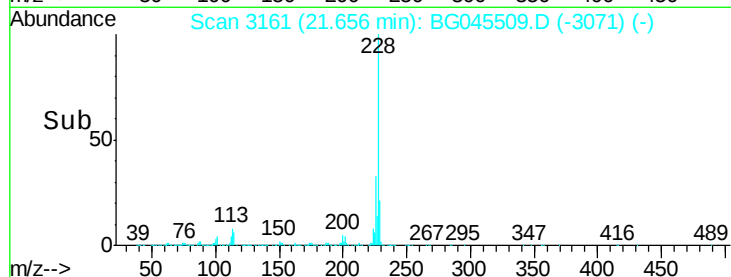
229 21.5 16.7 25.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.226 ng

RT: 21.50 min Scan# 3135

Delta R.T. -0.00 min

Lab File: BG045509.D

Acq: 29 May 2020 1:44

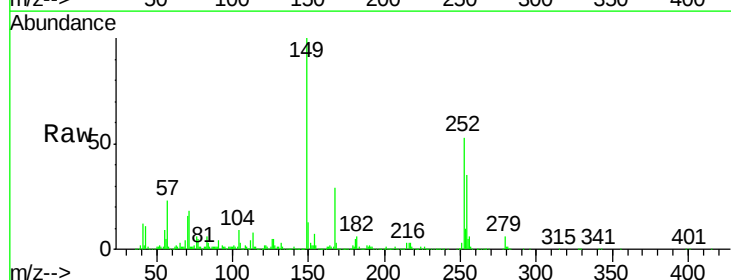
Tgt Ion:149 Resp: 754217

Ion Ratio Lower Upper

149 100

167 29.3 22.2 33.2

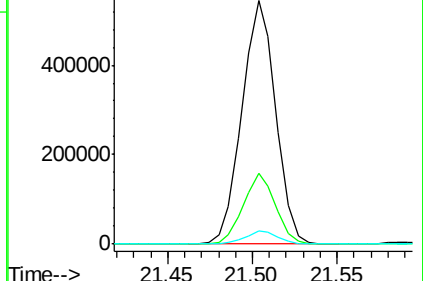
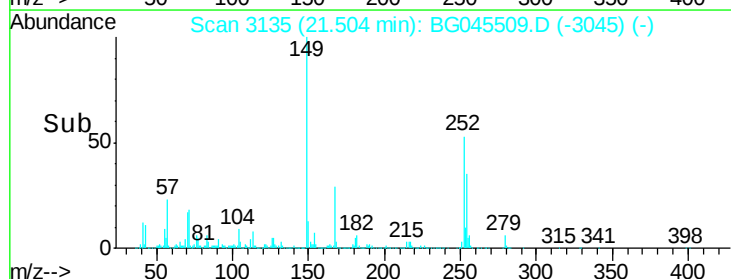
279 5.5 4.7 7.1

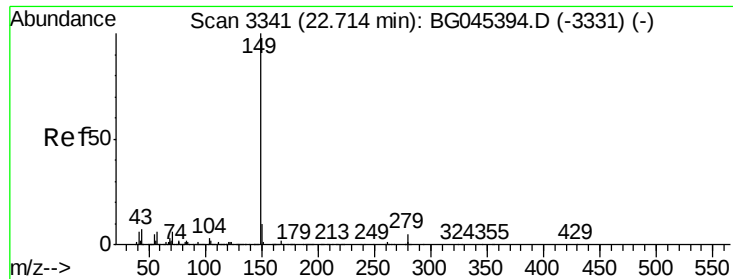


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.096 ng

RT: 22.69 min Scan# 3337

Delta R.T. -0.00 min

Lab File: BG045509.D

Acq: 29 May 2020 1:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

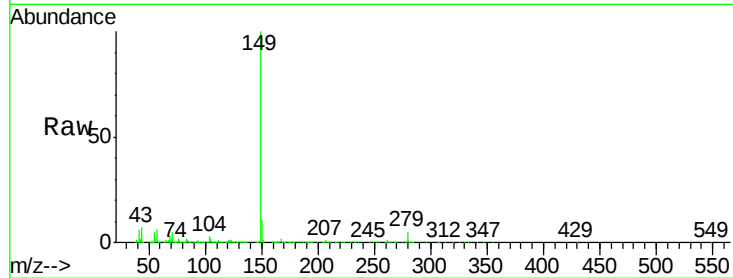
Tot Ion:149 Resp: 1291320

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

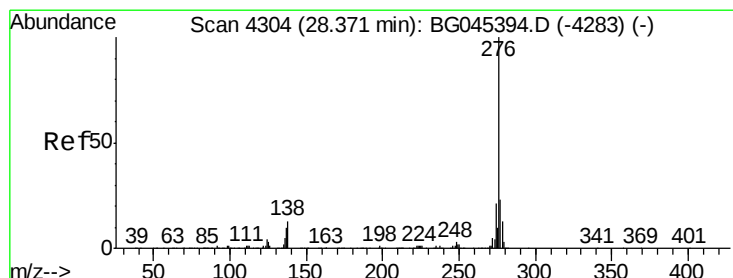
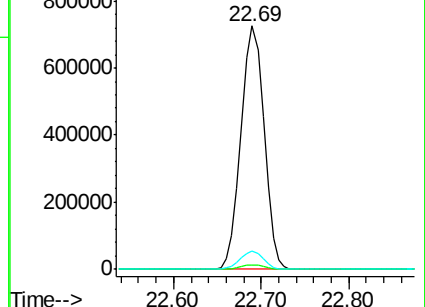
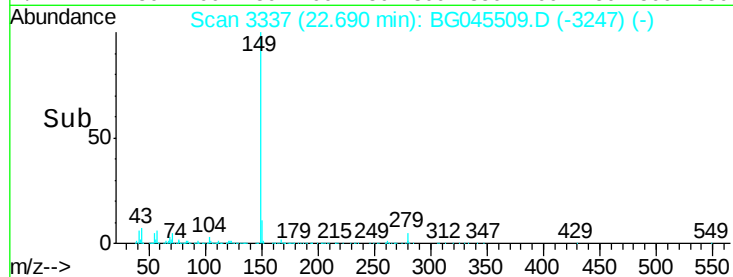
43 7.2 5.8 8.8



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): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.472 ng

RT: 28.33 min Scan# 4297

Delta R.T. -0.00 min

Lab File: BG045509.D

Acq: 29 May 2020 1:44

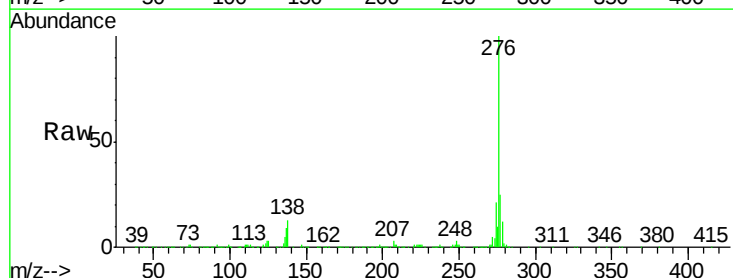
Tgt Ion:276 Resp: 1571290

Ion Ratio Lower Upper

276 100

138 15.1 8.6 12.8#

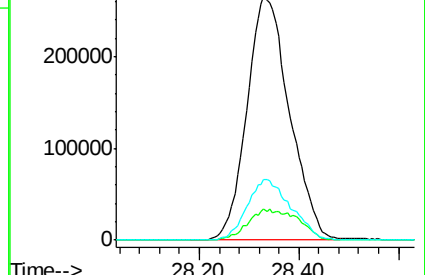
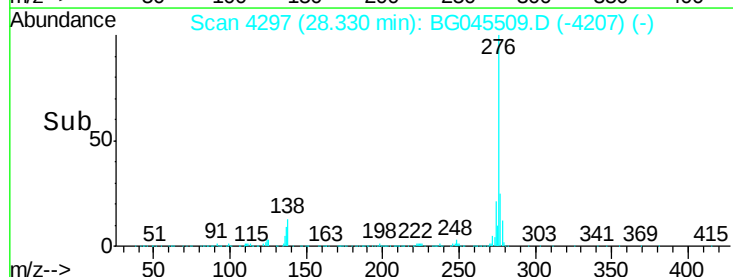
277 25.6 20.2 30.4

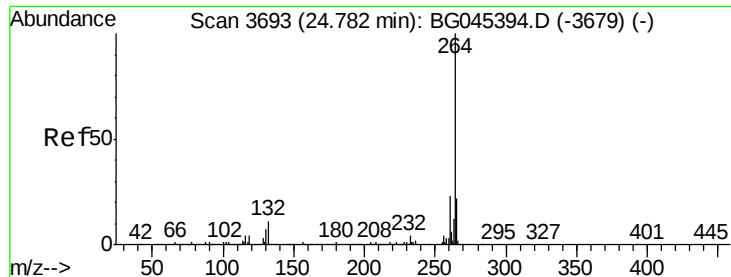


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.75 min Scan# 3688

Delta R.T. -0.01 min

Lab File: BG045509.D

Acq: 29 May 2020 1:44

Instrument :

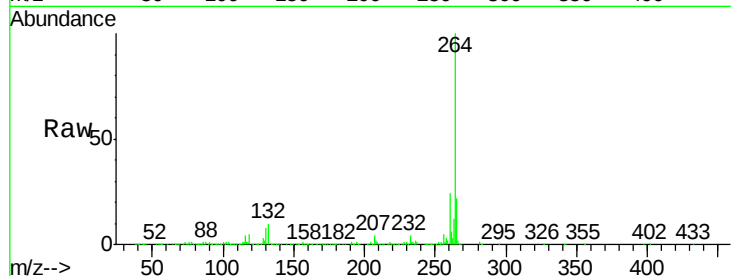
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:264 Resp: 591900

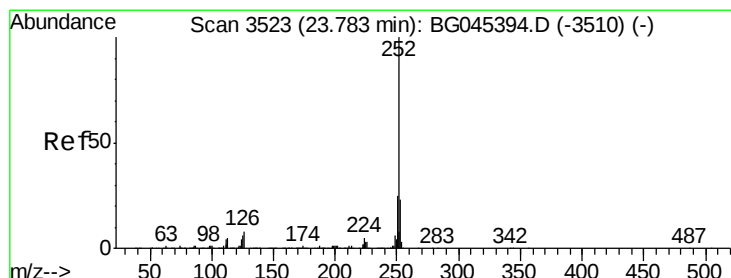
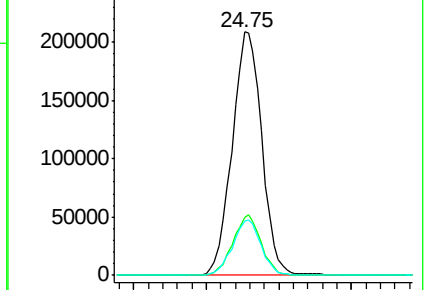
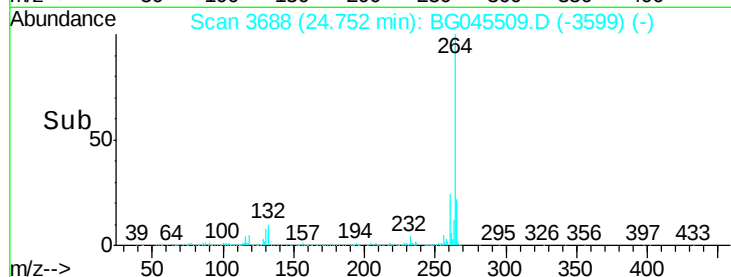
Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.4
265	22.5	17.6	26.4



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: 42.157 ng

RT: 23.77 min Scan# 3520

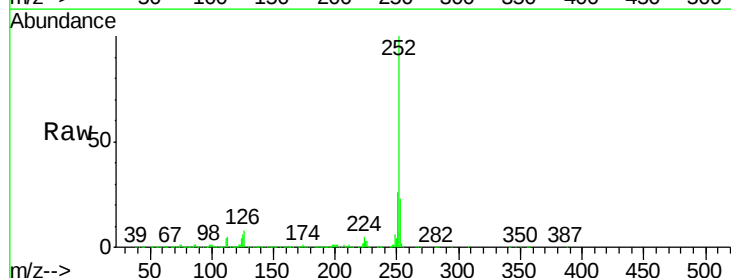
Delta R.T. 0.00 min

Lab File: BG045509.D

Acq: 29 May 2020 1:44

Tgt Ion:252 Resp: 1338240

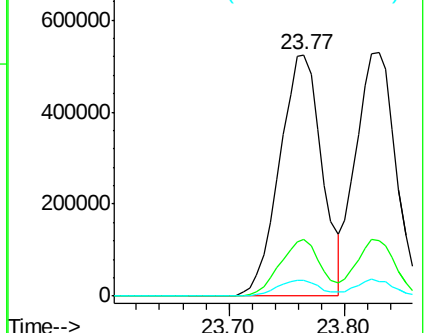
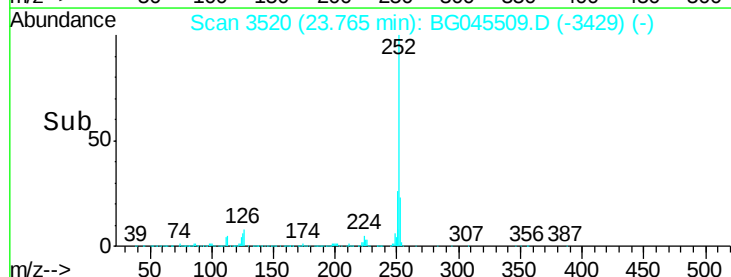
Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.1	27.1
125	6.5	5.0	7.6



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

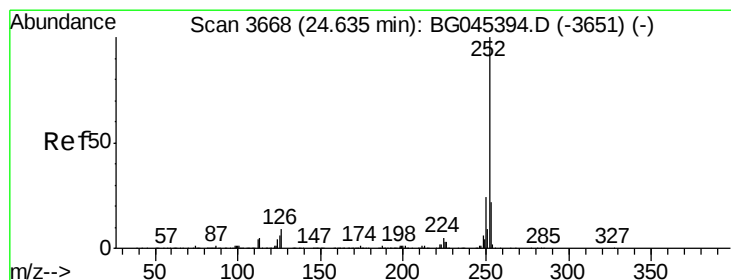
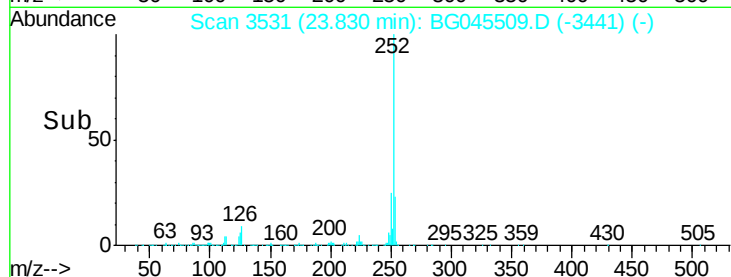
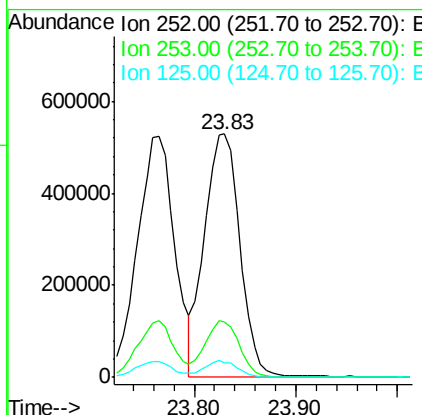
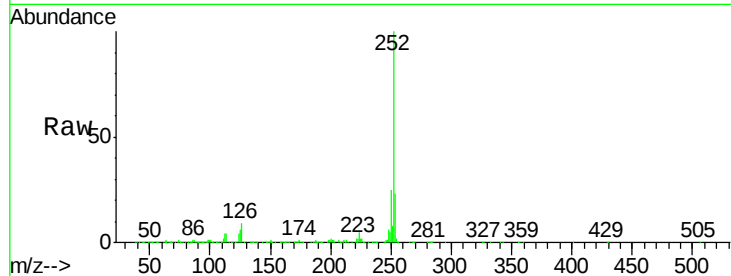




#89
Benzo(k)fluoranthene
Concen: 42.798 ng
RT: 23.83 min Scan# 3531
Delta R.T. -0.00 min
Lab File: BG045509.D
Acq: 29 May 2020 1:44

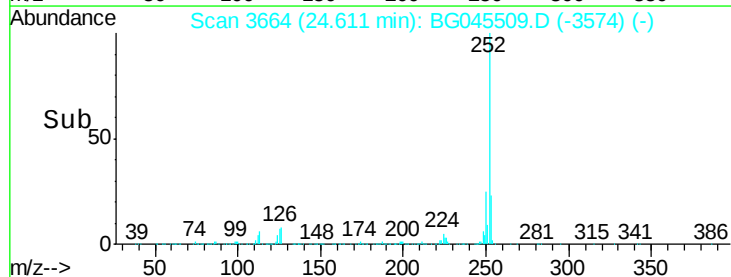
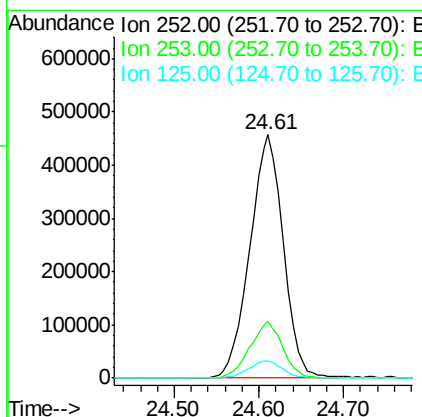
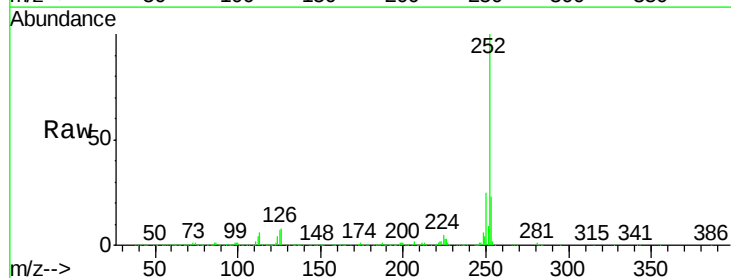
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

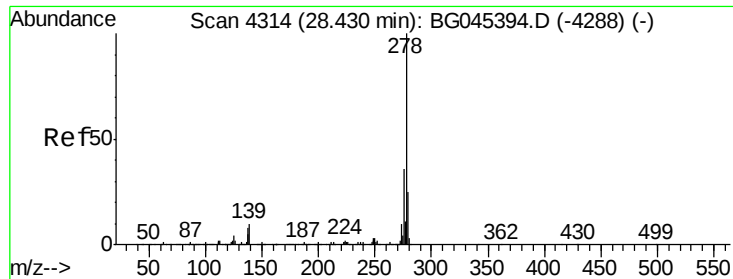
Tot Ion:252 Resp: 1276375
Ion Ratio Lower Upper
252 100
253 22.8 18.4 27.6
125 6.2 5.7 8.5



#90
Benzo(a)pyrene
Concen: 42.431 ng
RT: 24.61 min Scan# 3664
Delta R.T. -0.00 min
Lab File: BG045509.D
Acq: 29 May 2020 1:44

Tgt Ion:252 Resp: 1254432
Ion Ratio Lower Upper
252 100
253 23.3 17.2 25.8
125 7.1 5.0 7.6

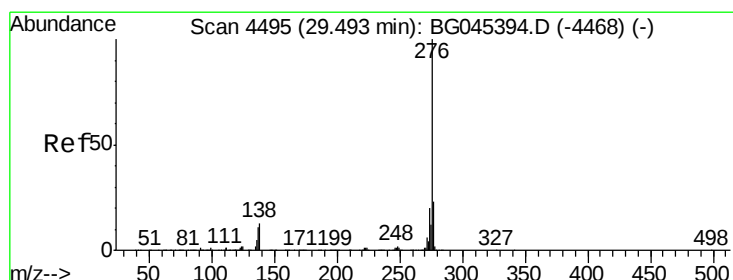
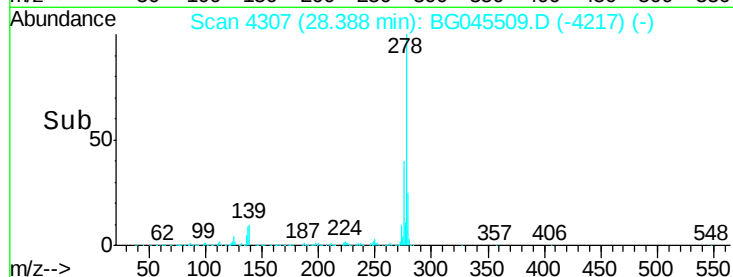
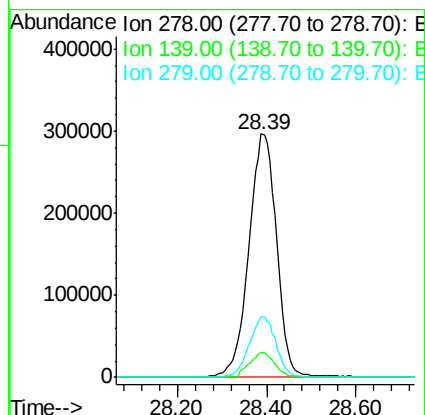
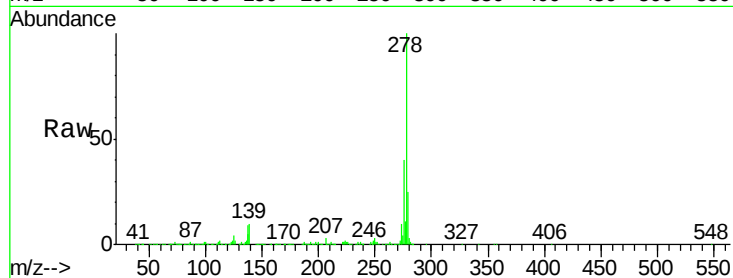




#91
Dibenzo(a,h)anthracene
Concen: 42.320 ng
RT: 28.39 min Scan# 4307
Delta R.T. -0.00 min
Lab File: BG045509.D
Acq: 29 May 2020 1:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:278 Resp: 1257285
Ion Ratio Lower Upper
278 100
139 10.3 7.8 11.8
279 24.8 19.8 29.8



#92
Benzo(g,h,i)perylene
Concen: 42.283 ng
RT: 29.45 min Scan# 4487
Delta R.T. -0.00 min
Lab File: BG045509.D
Acq: 29 May 2020 1:44

Tgt Ion:276 Resp: 1256345
Ion Ratio Lower Upper
276 100
277 23.6 18.1 27.1
138 12.4 10.2 15.4

