

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG052820\
 Data File : BG045492.D
 Acq On : 28 May 2020 11:32
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: May 28 13:17:23 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	67782	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	294046	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	214425	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	518323	20.00	ng	0.00
76) Chrysene-d12	21.61	240	450814	20.00	ng	0.00
87) Perylene-d12	24.76	264	500342	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	292002	84.19	ng	0.00
7) Phenol-d6	7.17	99	433114	87.74	ng	0.00
23) Nitrobenzene-d5	9.12	82	452142	83.85	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	230321	83.99	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1052647	83.27	ng	0.00
79) Terphenyl-d14	19.97	244	1662038	85.99	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.41	88	63757	37.070	ng	98
3) Pyridine	3.81	79	197005	41.128	ng	97
4) n-Nitrosodimethylamine	3.72	42	62712	40.009	ng	89
6) Aniline	7.28	93	284928	44.215	ng	99
8) 2-Chlorophenol	7.54	128	167377	44.006	ng	97
9) Benzaldehyde	7.09	77	120135	37.352	ng	97
10) Phenol	7.19	94	224332	44.093	ng	97
11) bis(2-Chloroethyl)ether	7.38	93	171433	43.199	ng	98
12) 1,3-Dichlorobenzene	7.85	146	197533	43.217	ng	95
13) 1,4-Dichlorobenzene	7.99	146	192230	42.617	ng	98
14) 1,2-Dichlorobenzene	8.31	146	186292	42.940	ng	98
15) Benzyl Alcohol	8.21	79	187397	45.953	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.49	45	168724	44.790	ng	98
17) 2-Methylphenol	8.43	107	172080	45.187	ng	98
18) Hexachloroethane	9.04	117	75160	43.506	ng	93
19) n-Nitroso-di-n-propylamine	8.76	70	158698	46.489	ng	94
20) 3+4-Methylphenols	8.43	107	172080	33.184	ng	74
22) Acetophenone	8.78	105	290472	41.679	ng	# 96
24) Nitrobenzene	9.16	77	238910	41.354	ng	96
25) Isophorone	9.69	82	459164	43.239	ng	97
26) 2-Nitrophenol	9.87	139	104371	42.232	ng	93
27) 2,4-Dimethylphenol	9.96	122	158957	43.366	ng	98
28) bis(2-Chloroethoxy)methane	10.17	93	234941	42.186	ng	96
29) 2,4-Dichlorophenol	10.44	162	186632	43.117	ng	99
30) 1,2,4-Trichlorobenzene	10.63	180	213102	41.665	ng	95
31) Naphthalene	10.81	128	576649	42.084	ng	98
32) Benzoic acid	10.14	122	111036	45.262	ng	95
33) 4-Chloroaniline	10.93	127	249857	43.623	ng	98
34) Hexachlorobutadiene	11.11	225	150572	41.647	ng	97
35) Caprolactam	11.70	113	68720	43.254	ng	95
36) 4-Chloro-3-methylphenol	12.09	107	214156	43.907	ng	96
37) 2-Methylnaphthalene	12.42	142	438490	42.935	ng	98
38) 1-Methylnaphthalene	12.42	142	438490	45.452	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	246594	41.173	ng	99

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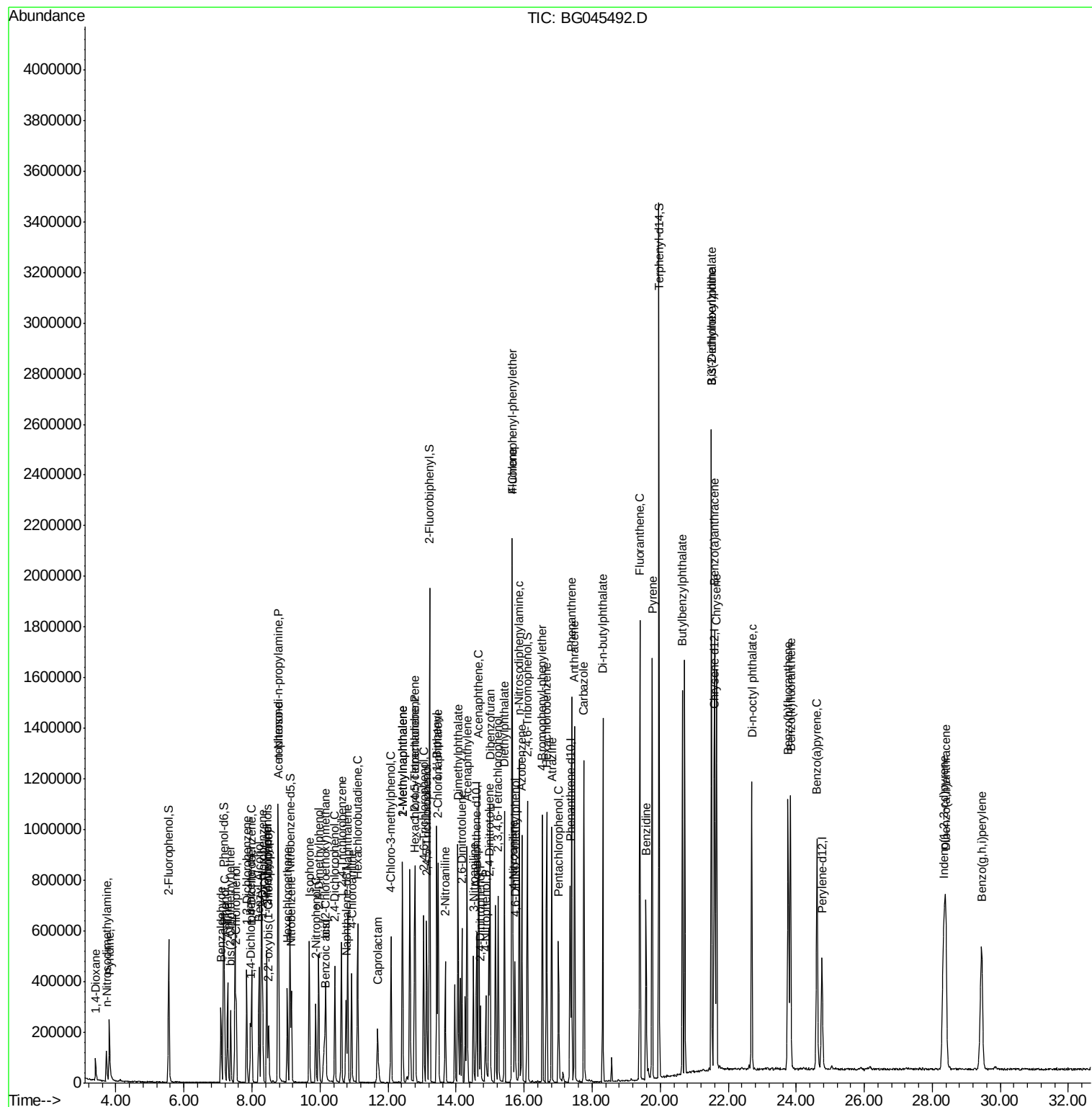
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	137005	39.633	nq	96
43) 2,4,6-Trichlorophenol	13.05	196	173673	41.743	nq	93
44) 2,4,5-Trichlorophenol	13.13	196	197252	41.489	nq	99
46) 1,1'-Biphenyl	13.43	154	544464	41.324	nq	99
47) 2-Chloronaphthalene	13.47	162	448615	41.931	nq	98
48) 2-Nitroaniline	13.69	65	147852	42.011	nq	93
49) Acenaphthylene	14.33	152	728945	42.417	nq	99
50) Dimethylphthalate	14.06	163	618487	42.047	nq	98
51) 2,6-Dinitrotoluene	14.17	165	138530	41.736	nq	98
52) Acenaphthene	14.67	154	436493	37.945	nq	99
53) 3-Nitroaniline	14.51	138	142752	42.308	nq	93
54) 2,4-Dinitrophenol	14.72	184	77956	38.866	nq	95
55) Dibenzofuran	15.00	168	717307	41.990	nq	97
56) 4-Nitrophenol	14.87	139	101083	39.570	nq	99
57) 2,4-Dinitrotoluene	14.97	165	202541	42.134	nq	95
58) Fluorene	15.65	166	597221	42.554	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.24	232	173651	41.516	nq	98
60) Diethylphthalate	15.42	149	645667	42.173	nq	98
61) 4-Chlorophenyl-phenylether	15.64	204	346474	43.142	nq	99
62) 4-Nitroaniline	15.68	138	146465	41.581	nq	96
63) Azobenzene	15.94	77	600150	42.040	nq	99
65) 4,6-Dinitro-2-methylphenol	15.74	198	125819	41.680	nq	95
66) n-Nitrosodiphenylamine	15.86	169	528767	42.489	nq	98
67) 4-Bromophenyl-phenylether	16.53	248	243285	43.346	nq	98
68) Hexachlorobenzene	16.66	284	249449	42.493	nq	98
69) Atrazine	16.81	200	205553	40.101	nq	98
70) Pentachlorophenol	17.01	266	115841	38.004	nq	97
71) Phenanthrene	17.39	178	953148	42.123	nq	99
72) Anthracene	17.49	178	947718	41.707	nq	98
73) Carbazole	17.76	167	899002	40.587	nq	98
74) Di-n-butylphthalate	18.31	149	1057376	39.773	nq	99
75) Fluoranthene	19.40	202	1130847	39.291	nq	99
77) Benzidine	19.58	184	494880	39.086	nq	99
78) Pyrene	19.77	202	1135985	44.205	nq	99
80) Butylbenzylphthalate	20.65	149	461004	41.561	nq	99
81) Benzo(a)anthracene	21.59	228	1058274	42.140	nq	99
82) 3,3'-Dichlorobenzidine	21.50	252	413649	41.990	nq	100
83) Chrysene	21.66	228	1019738	42.230	nq	99
84) Bis(2-ethylhexyl)phthalate	21.50	149	632951	41.511	nq	99
85) Di-n-octyl phthalate	22.69	149	1077840	41.158	nq	100
86) Indeno(1,2,3-cd)pyrene	28.33	276	1300903	41.198	nq	# 96
88) Benzo(b)fluoranthene	23.76	252	1115983	41.589	nq	99
89) Benzo(k)fluoranthene	23.83	252	1079584	42.823	nq	99
90) Benzo(a)pyrene	24.61	252	1053383	42.150	nq	98
91) Dibenzo(a,h)anthracene	28.39	278	1055048	42.011	nq	97
92) Benzo(g,h,i)perylene	29.45	276	1051231	41.854	nq	99

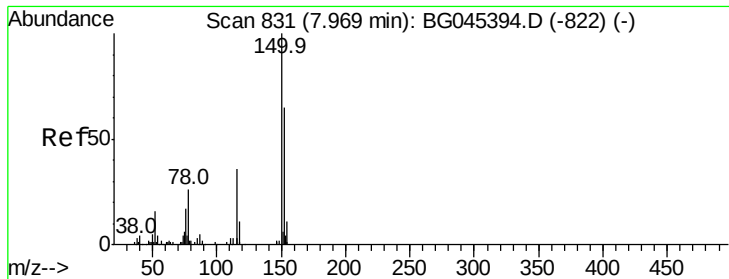
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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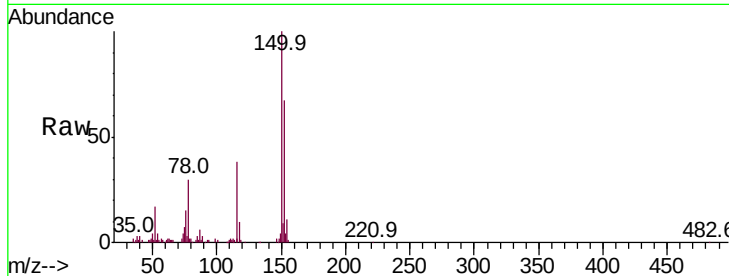


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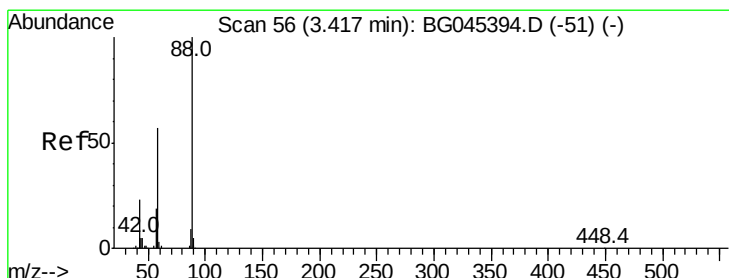
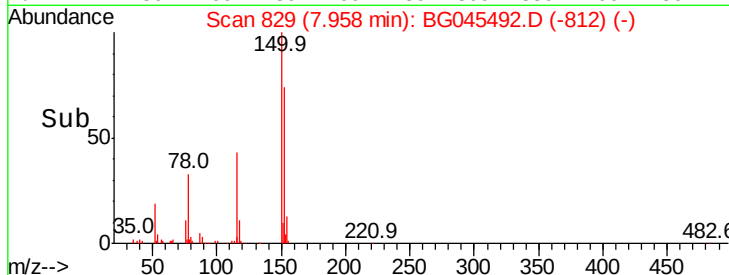
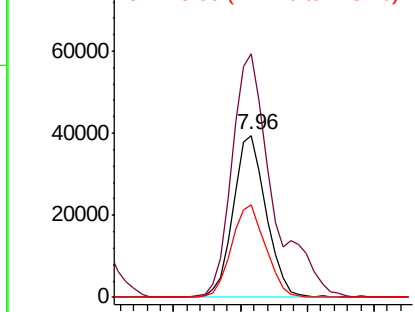
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 829
Delta R.T. 0.00 min
Lab File: BG045492.D
Acq: 28 May 2020 11:32

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 67782
Ion Ratio Lower Upper
152 100
150 150.0 122.4 183.6
115 57.4 44.2 66.4



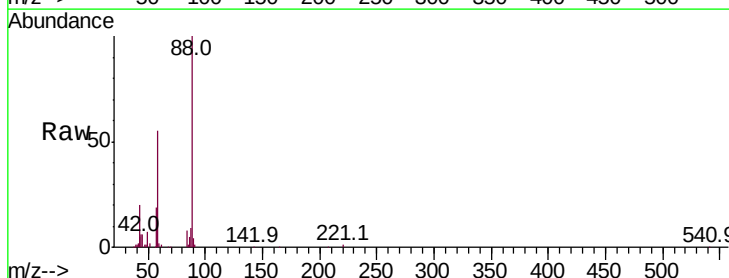
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



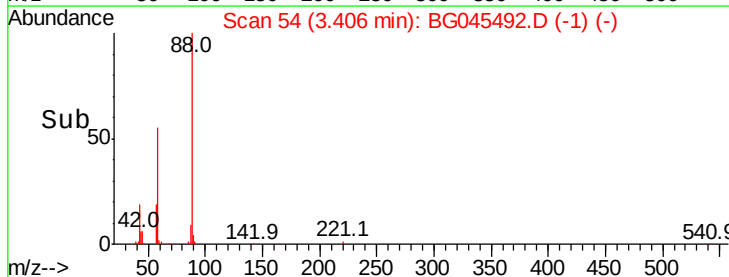
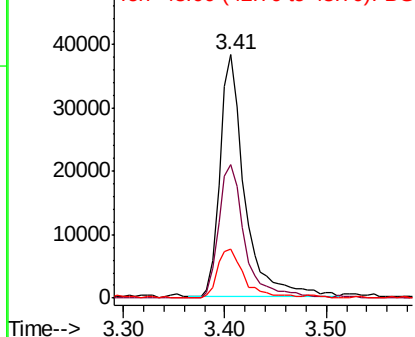
#2

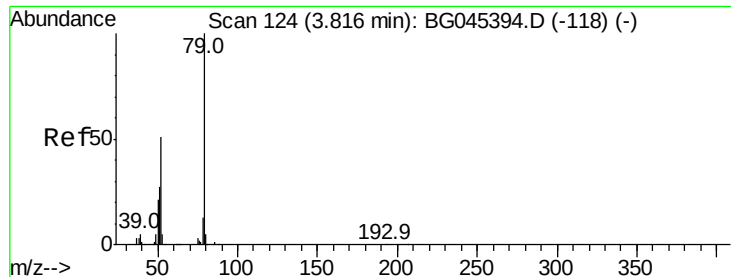
1,4-Dioxane
Concen: 37.070 ng
RT: 3.41 min Scan# 54
Delta R.T. 0.00 min
Lab File: BG045492.D
Acq: 28 May 2020 11:32

Tgt Ion: 88 Resp: 63757
Ion Ratio Lower Upper
88 100
58 59.0 45.7 68.5
43 21.4 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: 41.128 ng

RT: 3.81 min Scan# 122

Delta R.T. 0.00 min

Lab File: BG045492.D

Acq: 28 May 2020 11:32

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

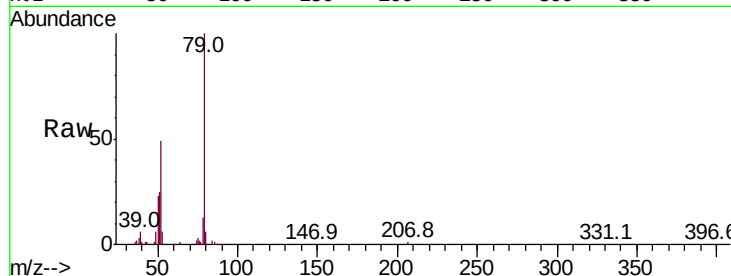
Tot Ion: 79 Resp: 197005

Ion Ratio Lower Upper

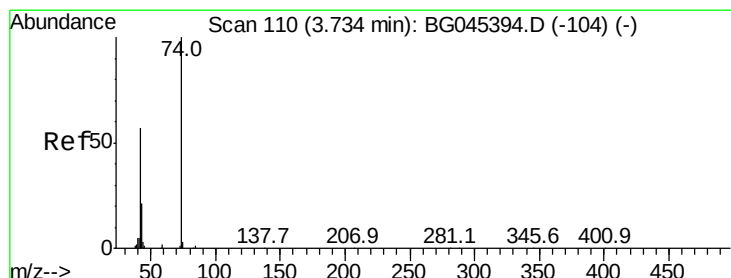
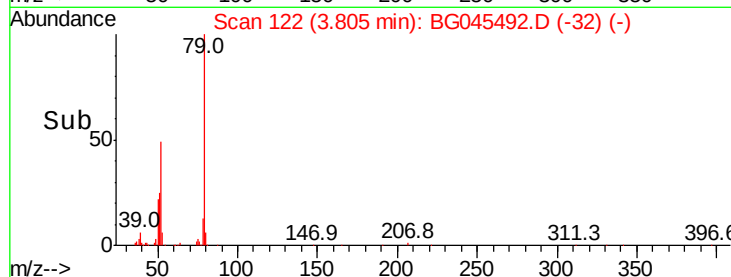
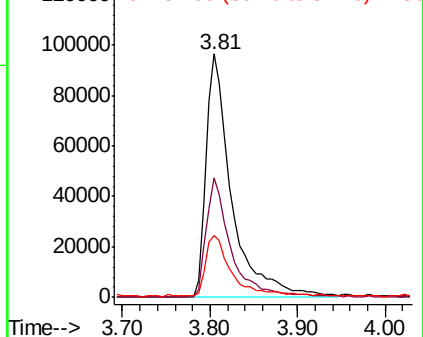
79 100

52 49.3 40.8 61.2

51 25.3 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: 40.009 ng

RT: 3.72 min Scan# 108

Delta R.T. 0.00 min

Lab File: BG045492.D

Acq: 28 May 2020 11:32

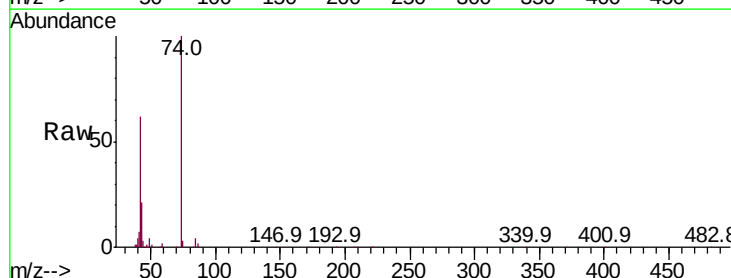
Tgt Ion: 42 Resp: 62712

Ion Ratio Lower Upper

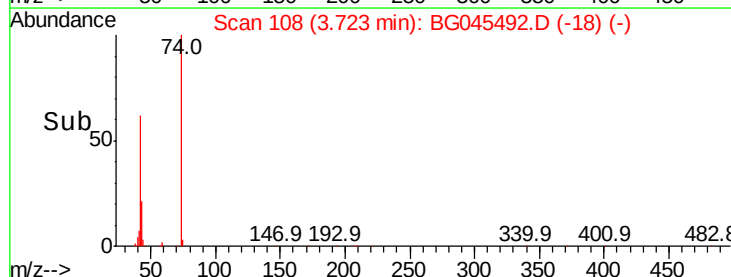
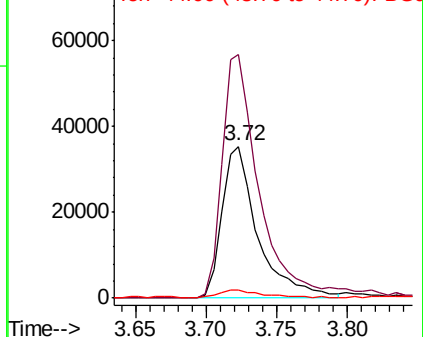
42 100

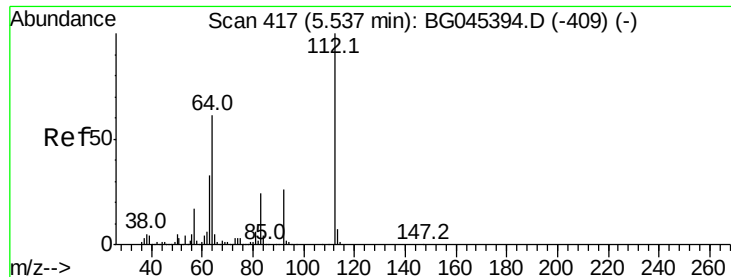
74 160.2 141.3 211.9

44 5.0 4.2 6.4



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





#5

2-Fluorophenol

Concen: 84.190 ng

RT: 5.55 min Scan# 419

Delta R.T. 0.00 min

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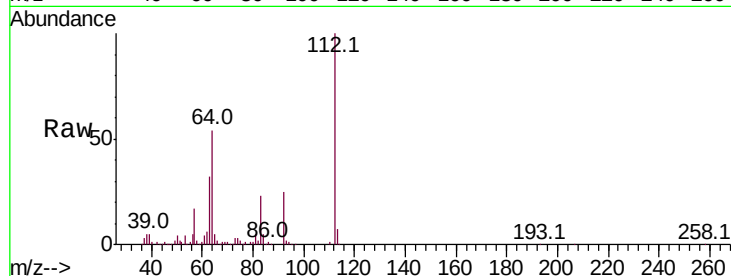
Tot Ion:112 Resp: 292002

Ion Ratio Lower Upper

112 100

64 54.1 48.6 72.8

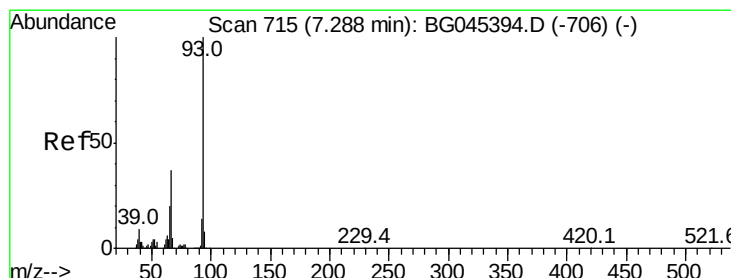
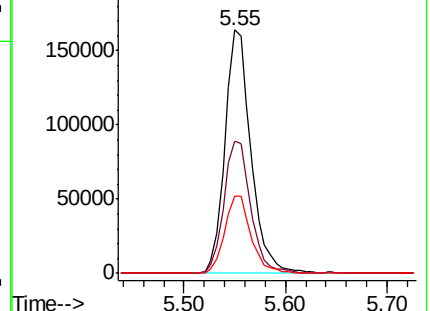
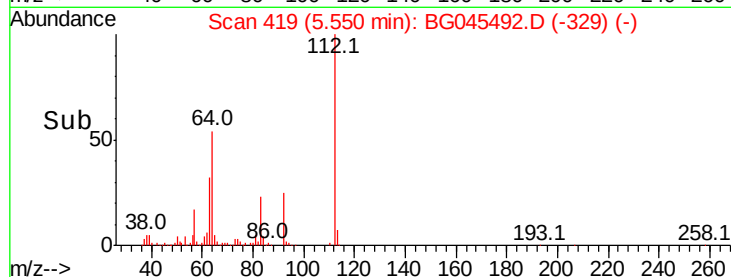
63 31.7 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 44.215 ng

RT: 7.28 min Scan# 714

Delta R.T. 0.00 min

Lab File: BG045492.D

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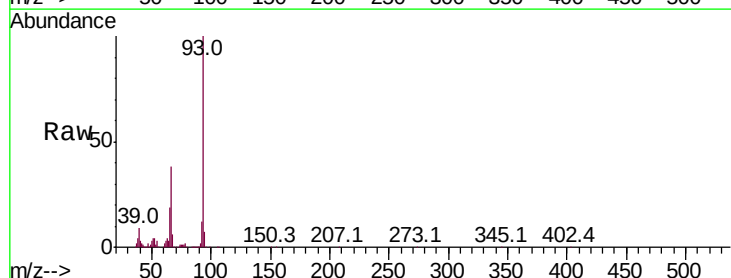
Tgt Ion: 93 Resp: 284928

Ion Ratio Lower Upper

93 100

66 37.5 29.6 44.4

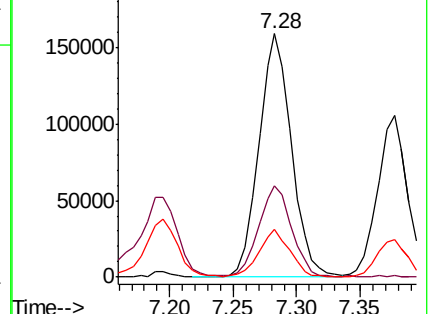
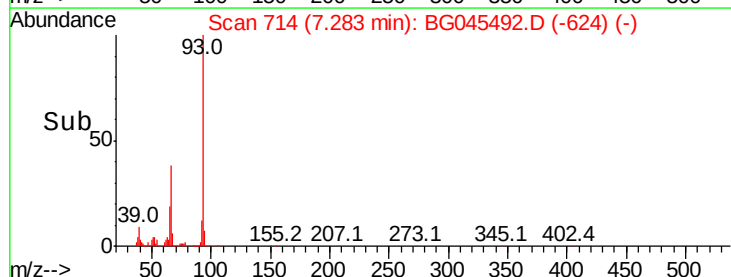
65 19.5 15.9 23.9

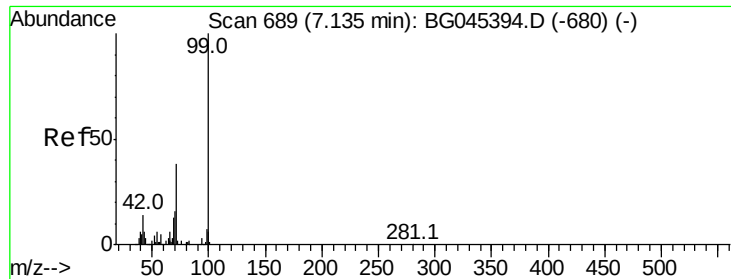


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 87.737 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.00 min

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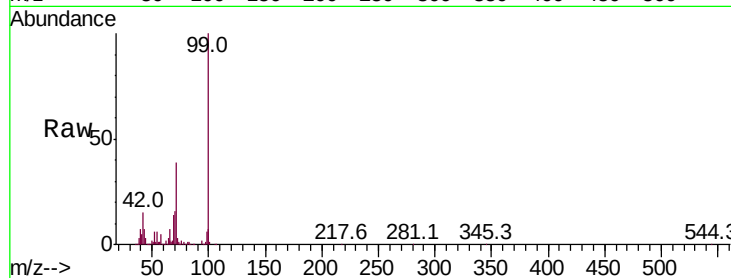
Tot Ion: 99 Resp: 433114

Ion Ratio Lower Upper

99 100

42 14.7 11.3 16.9

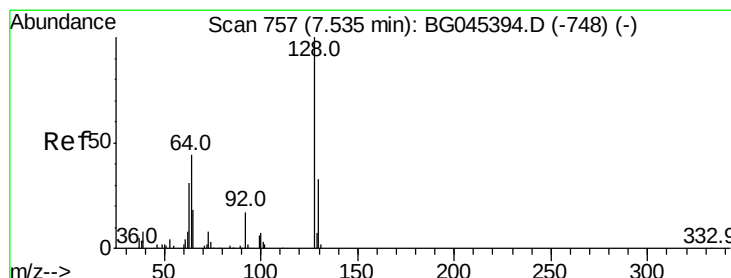
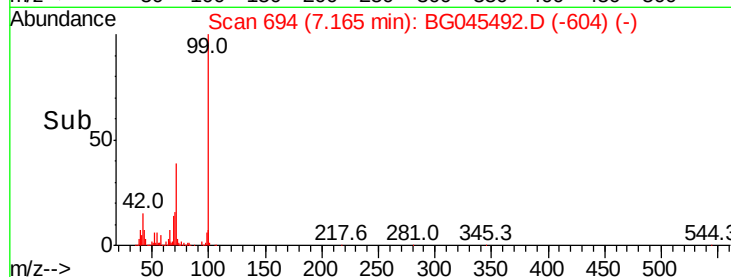
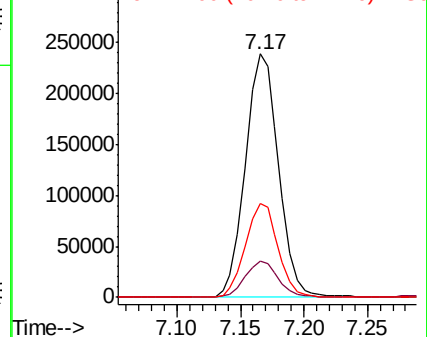
71 38.7 30.8 46.2



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: 44.006 ng

RT: 7.54 min Scan# 757

Delta R.T. 0.00 min

Lab File: BG045492.D

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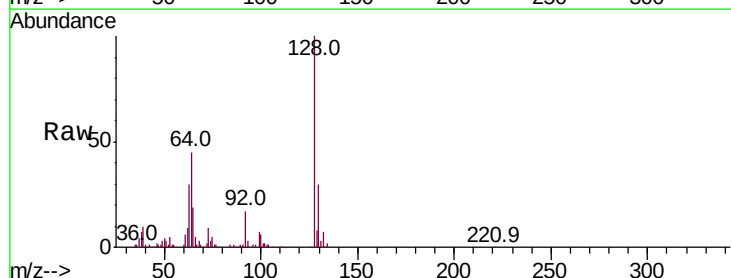
Tgt Ion: 128 Resp: 167377

Ion Ratio Lower Upper

128 100

130 30.5 12.6 52.6

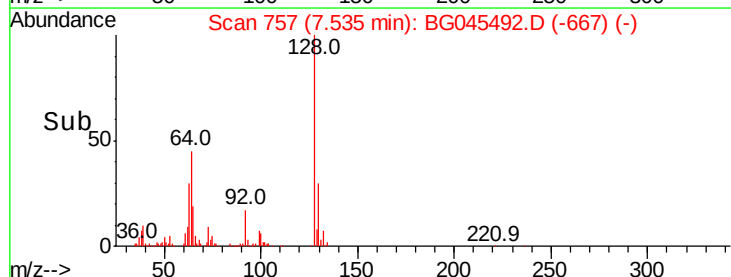
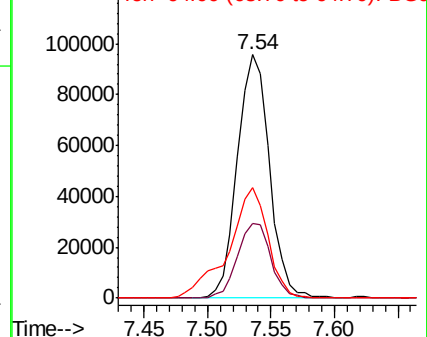
64 45.2 27.0 67.0

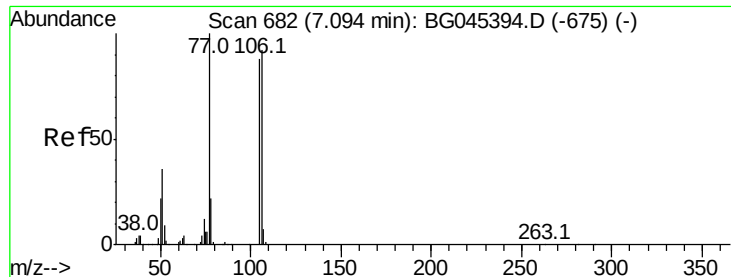


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 37.352 ng

RT: 7.09 min Scan# 681

Delta R.T. 0.00 min

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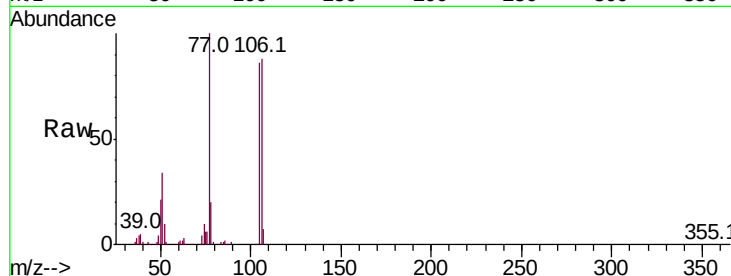
Tot Ion: 77 Resp: 120135

Ion Ratio Lower Upper

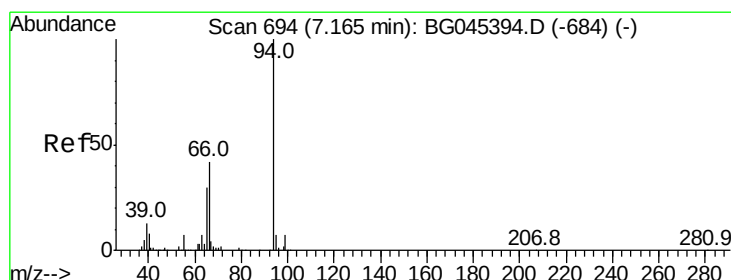
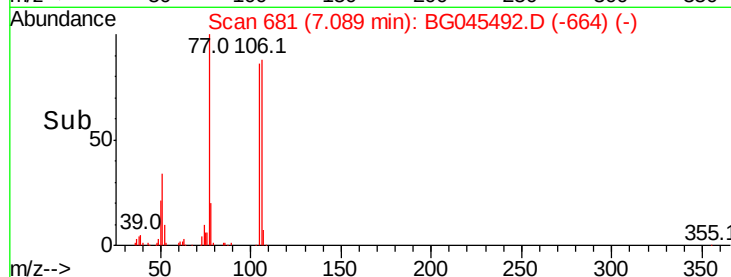
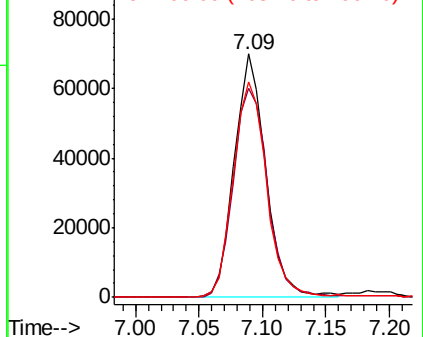
77 100

105 85.8 68.5 108.5

106 88.5 71.6 111.6



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



#10

Phenol

Concen: 44.093 ng

RT: 7.19 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG045492.D

Acq: 28 May 2020 11:32

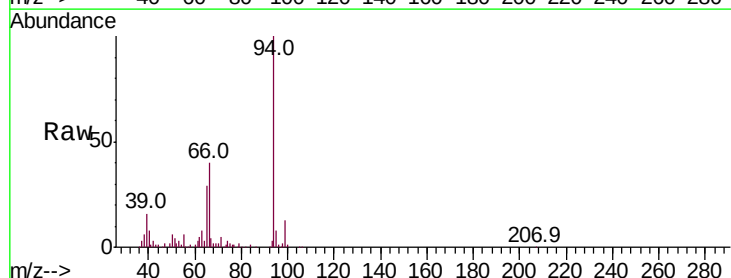
Tgt Ion: 94 Resp: 224332

Ion Ratio Lower Upper

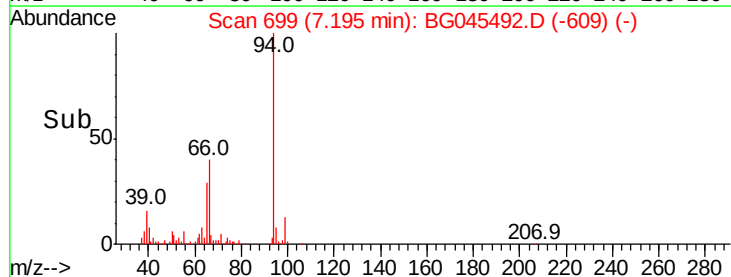
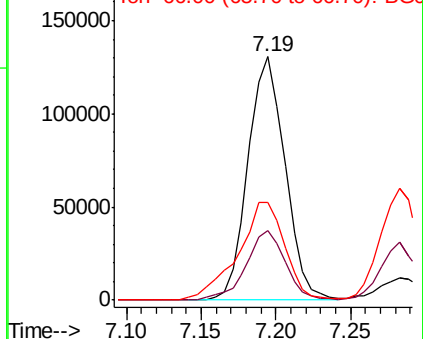
94 100

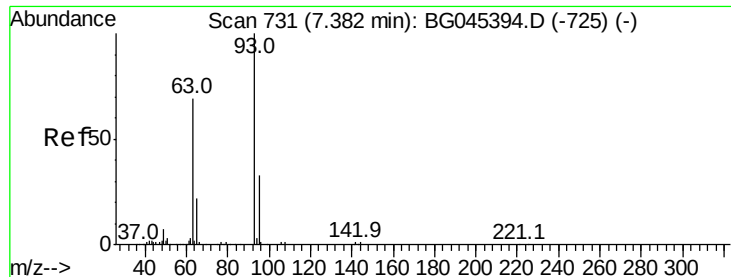
65 28.8 9.8 49.8

66 40.1 22.0 62.0



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

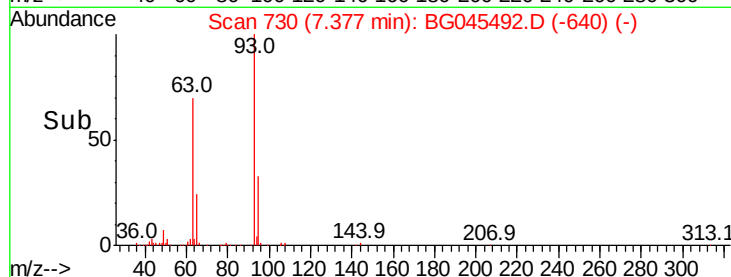
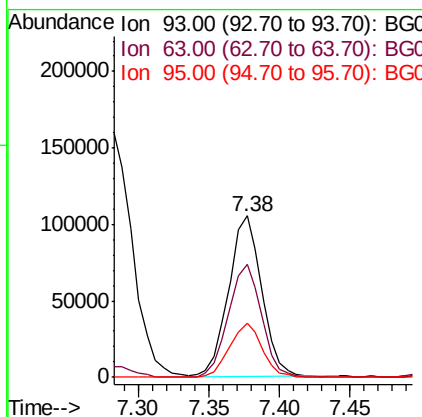
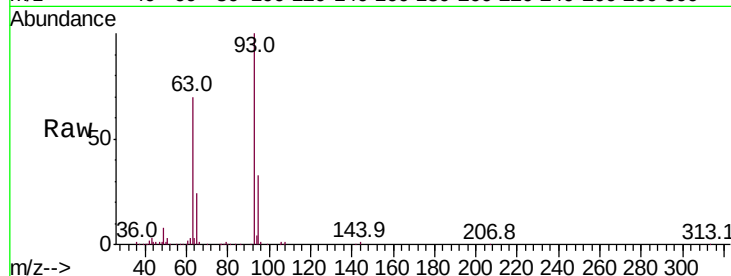




#11
 bis(2-Chloroethyl)ether
 Concen: 43.199 ng
 RT: 7.38 min Scan# 730
 Delta R.T. 0.00 min
 Lab File: BG045492.D
 Acq: 28 May 2020 11:32

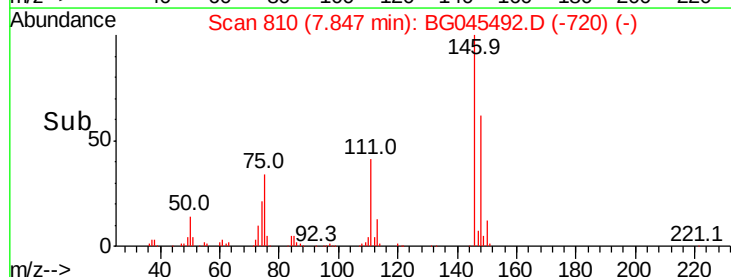
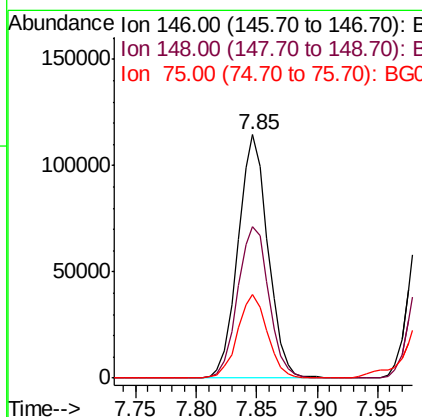
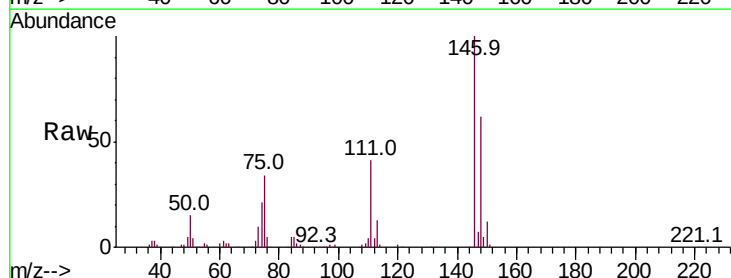
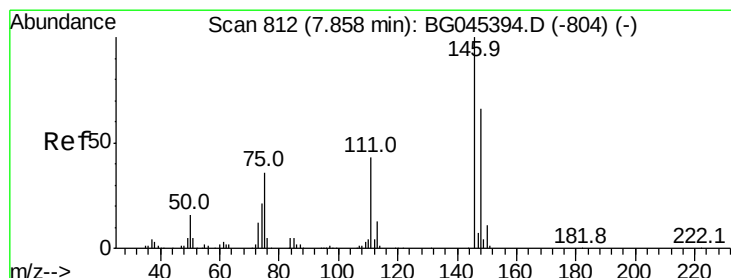
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

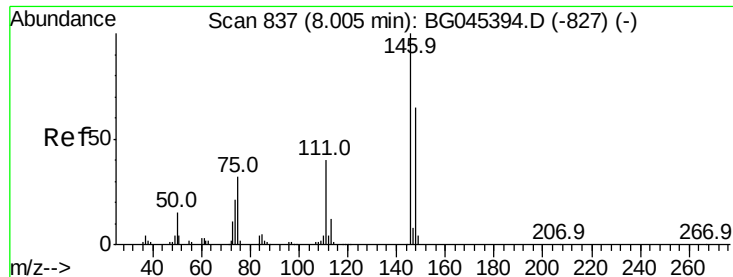
Tot Ion: 93 Resp: 171433
 Ion Ratio Lower Upper
 93 100
 63 69.9 48.4 88.4
 95 33.4 12.4 52.4



#12
 1,3-Dichlorobenzene
 Concen: 43.217 ng
 RT: 7.85 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BG045492.D
 Acq: 28 May 2020 11:32

Tgt Ion: 146 Resp: 197533
 Ion Ratio Lower Upper
 146 100
 148 62.1 53.2 79.8
 75 34.1 28.6 43.0

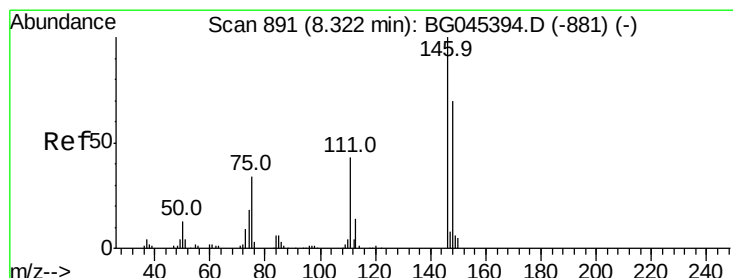
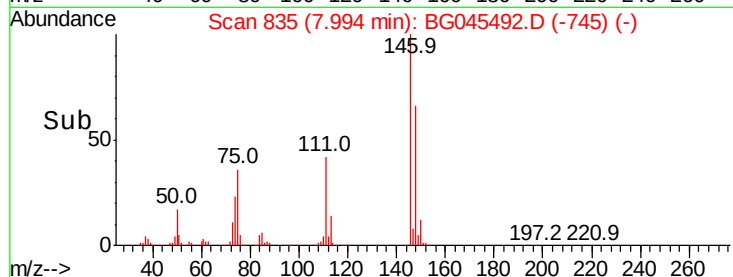
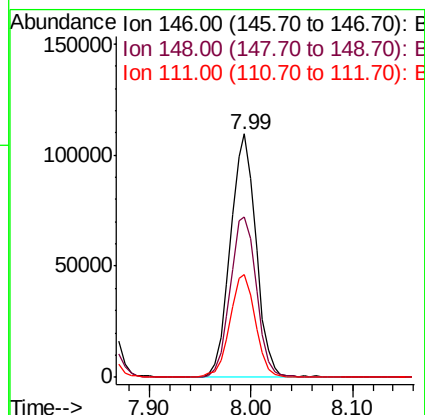
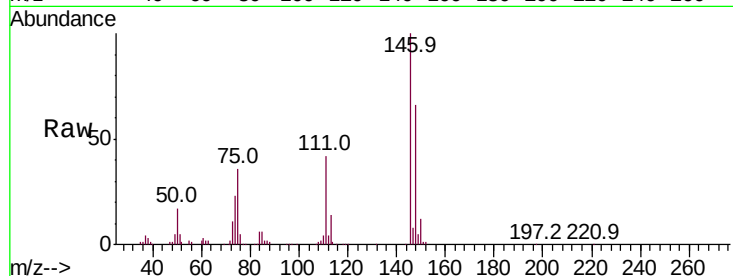




#13
 1,4-Dichlorobenzene
 Concen: 42.617 ng
 RT: 7.99 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BG045492.D
 Acq: 28 May 2020 11:32

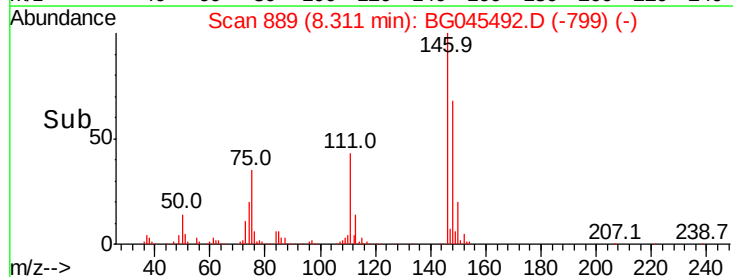
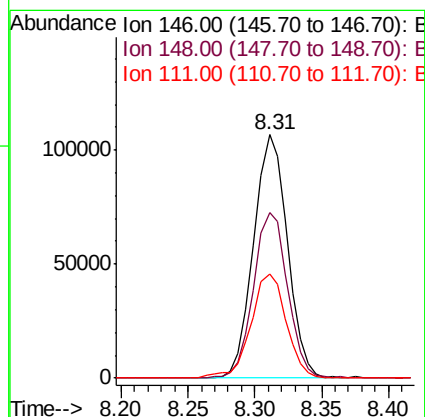
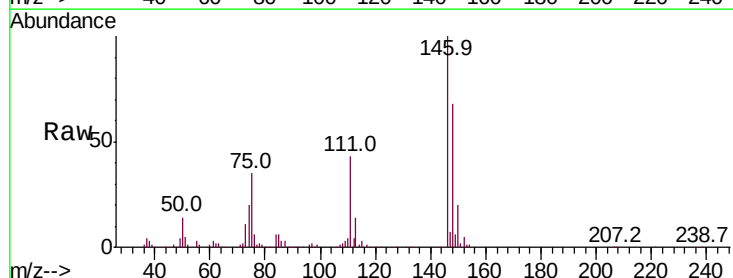
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

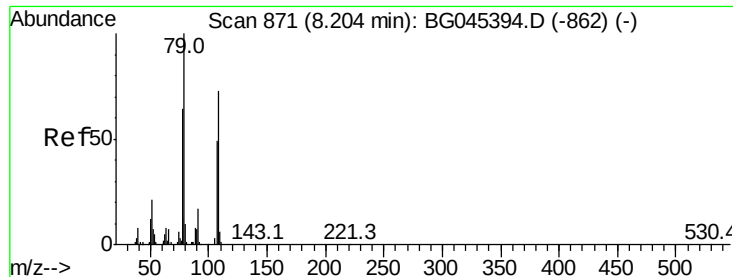
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.9	51.8	77.8
111	42.0	32.1	48.1



#14
 1,2-Dichlorobenzene
 Concen: 42.940 ng
 RT: 8.31 min Scan# 889
 Delta R.T. 0.00 min
 Lab File: BG045492.D
 Acq: 28 May 2020 11:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.8	55.9	83.9
111	42.7	35.0	52.4





#15

Benzyl Alcohol

Concen: 45.953 ng

RT: 8.21 min Scan# 871

Delta R.T. 0.00 min

Lab File: BG045492.D

Acq: 28 May 2020 11:32

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

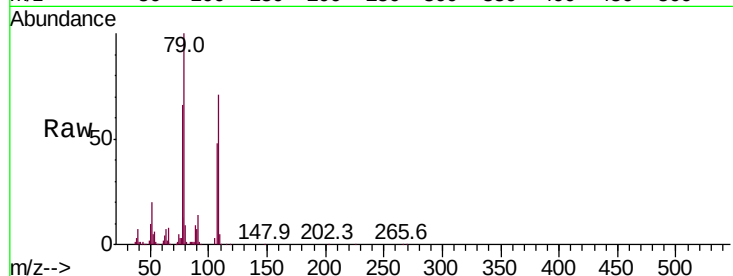
Tot Ion: 79 Resp: 187397

Ion Ratio Lower Upper

79 100

108 70.9 58.2 87.4

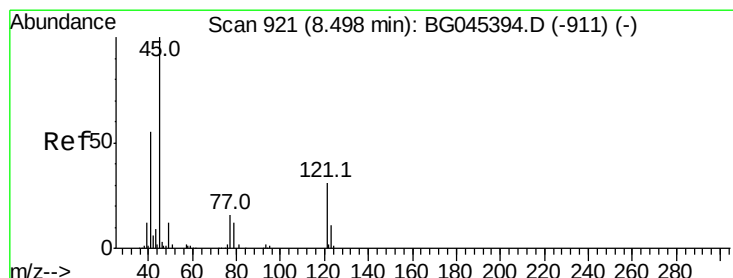
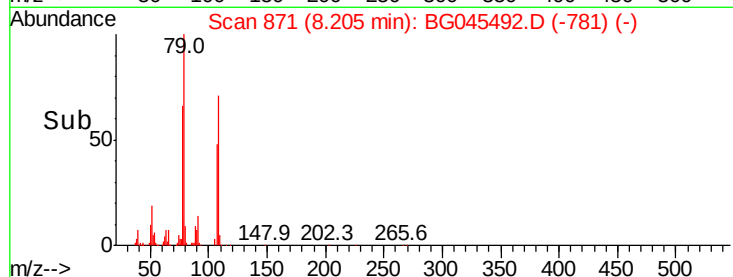
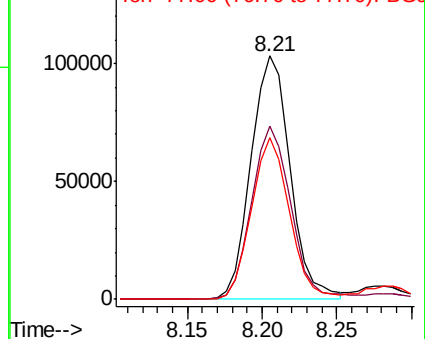
77 66.2 51.0 76.4



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.790 ng

RT: 8.49 min Scan# 920

Delta R.T. 0.00 min

Lab File: BG045492.D

Acq: 28 May 2020 11:32

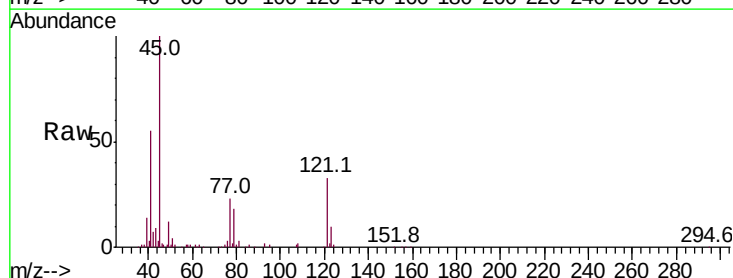
Tgt Ion: 45 Resp: 168724

Ion Ratio Lower Upper

45 100

77 23.2 4.0 44.0

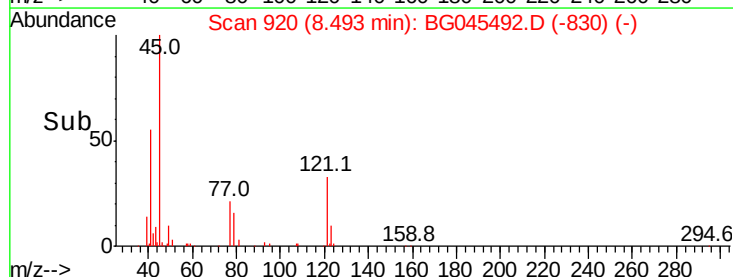
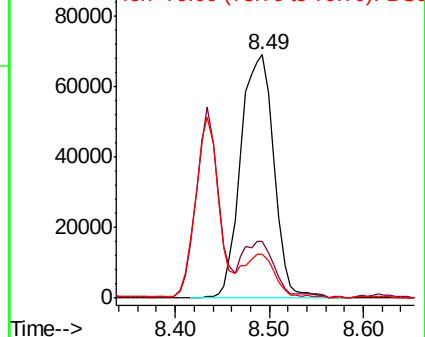
79 17.8 0.0 38.6

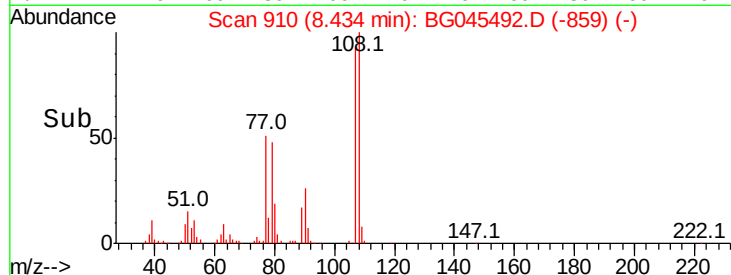
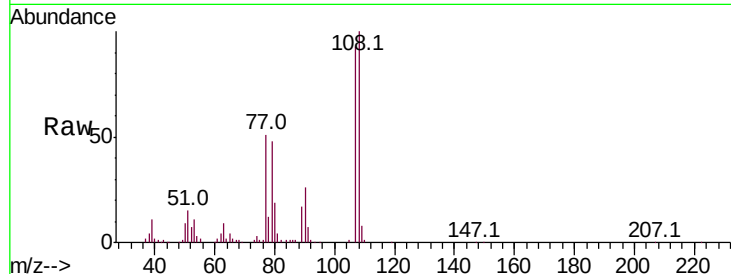
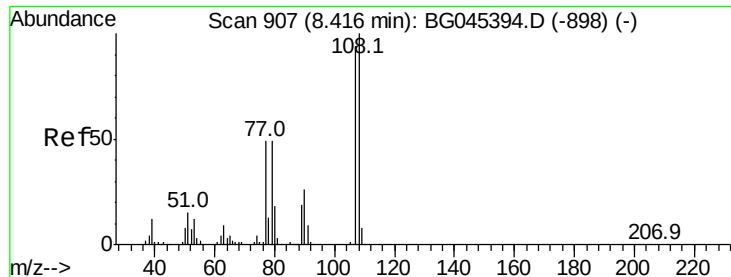


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

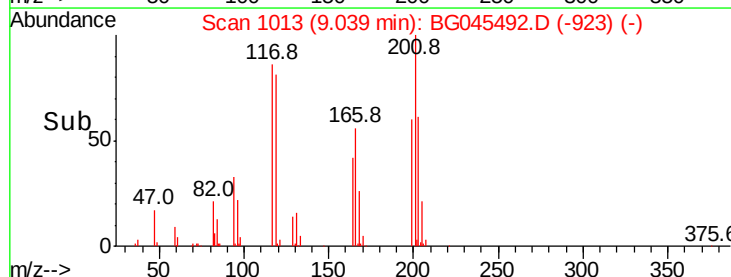
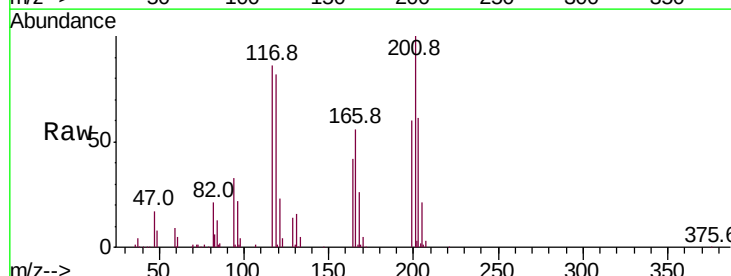
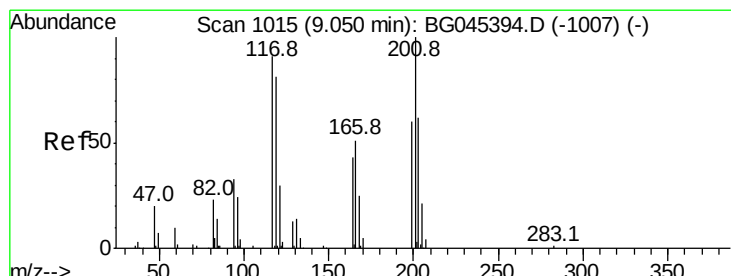
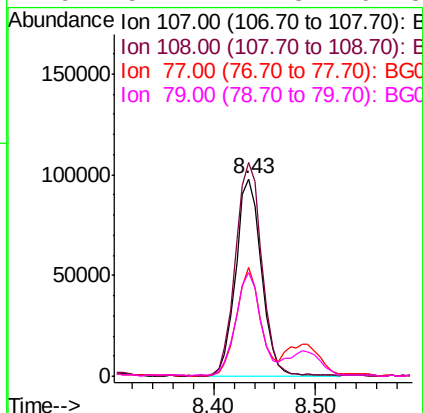




#17
2-Methylphenol
Concen: 45.187 ng
RT: 8.43 min Scan# 910
Delta R.T. 0.00 min
Lab File: BG045492.D
Acq: 28 May 2020 11:32

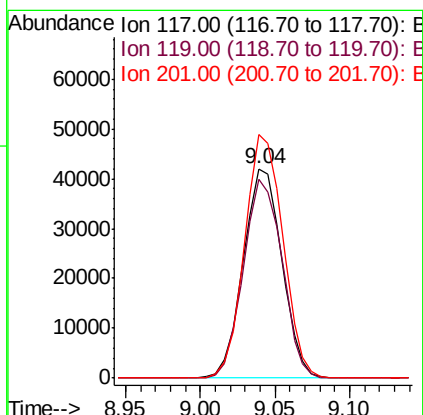
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

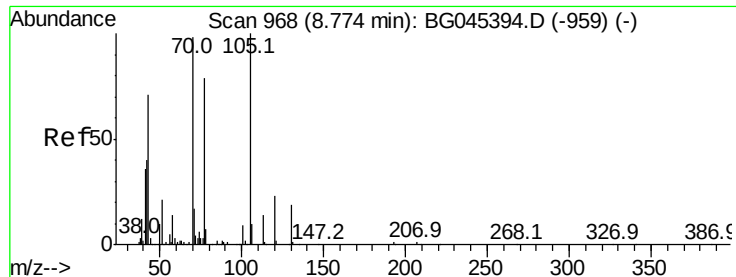
Tot Ion:	107	Resp:	172080
Ion	Ratio	Lower	Upper
107	100		
108	108.0	85.2	127.8
77	55.3	41.6	62.4
79	52.4	41.8	62.8



#18
Hexachloroethane
Concen: 43.506 ng
RT: 9.04 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BG045492.D
Acq: 28 May 2020 11:32

Tgt Ion:	117	Resp:	75160
Ion	Ratio	Lower	Upper
117	100		
119	95.1	71.3	106.9
201	116.4	87.5	131.3

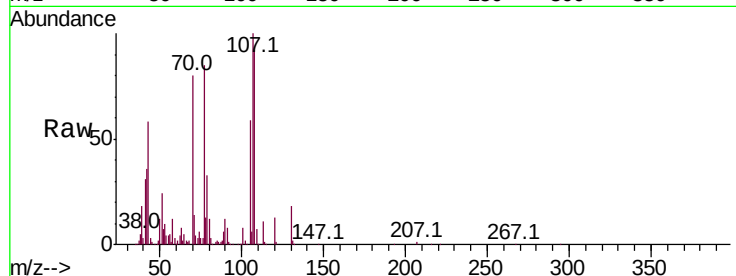




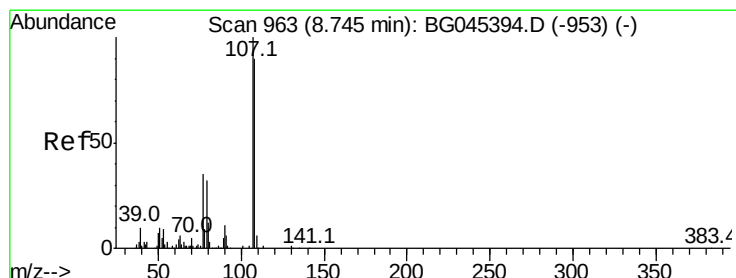
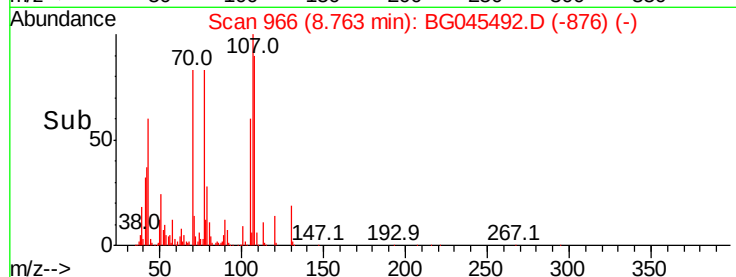
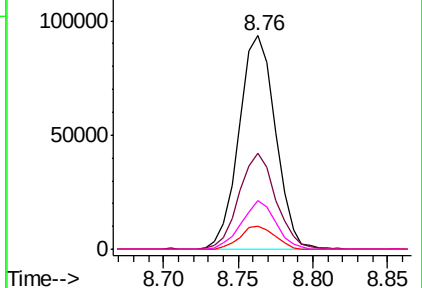
#19
n-Nitroso-di-n-propylamine
Concen: 46.489 ng
RT: 8.76 min Scan# 966
Delta R.T. 0.00 min
Lab File: BG045492.D
Acq: 28 May 2020 11:32

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	70	Resp:	158698
Ion	Ratio	Lower	Upper
70	100		
42	44.9	33.2	49.8
101	10.5	7.8	11.6
130	22.6	15.4	23.2

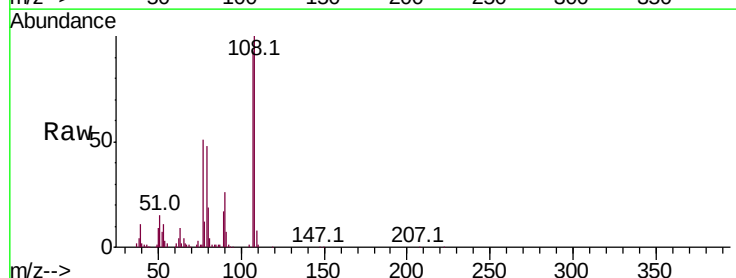


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

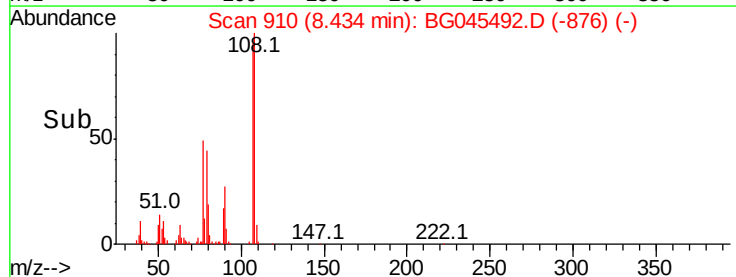
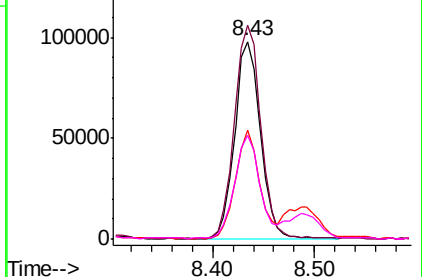


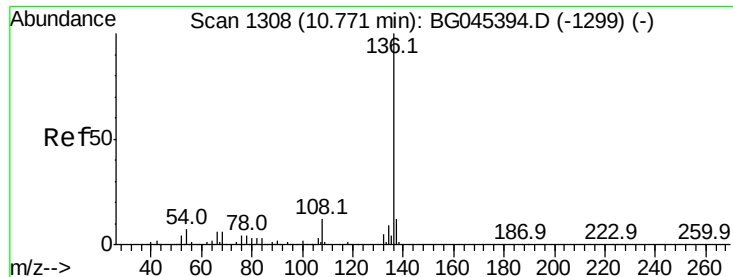
#20
3+4-Methylphenols
Concen: 33.184 ng
RT: 8.43 min Scan# 910
Delta R.T. -0.33 min
Lab File: BG045492.D
Acq: 28 May 2020 11:32

Tgt Ion:	107	Resp:	172080
Ion	Ratio	Lower	Upper
107	100		
108	108.0	70.3	110.3
77	55.3	15.4	55.4
79	52.4	12.6	52.6



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

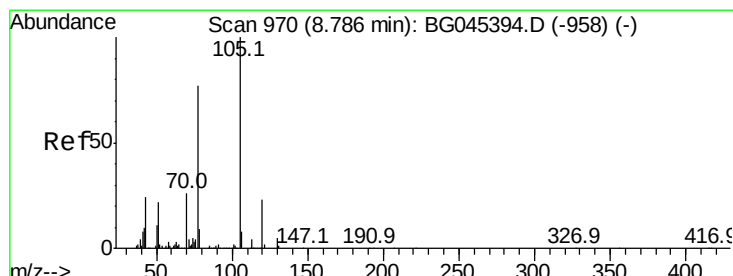
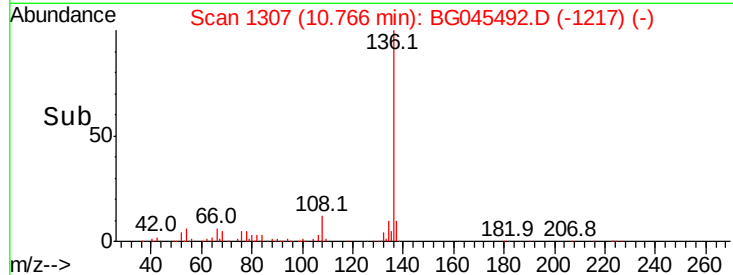
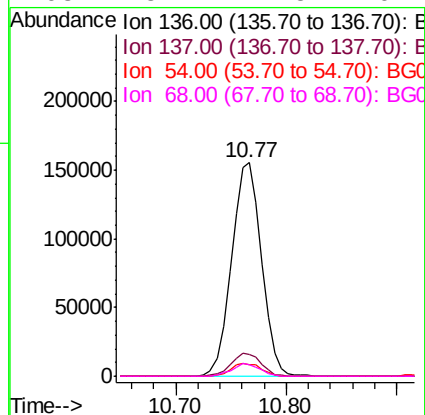
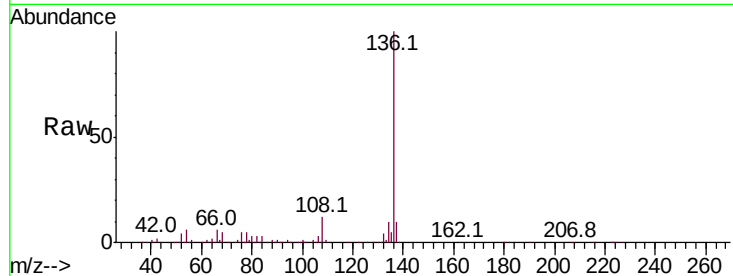




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BG045492.D
Acq: 28 May 2020 11:32

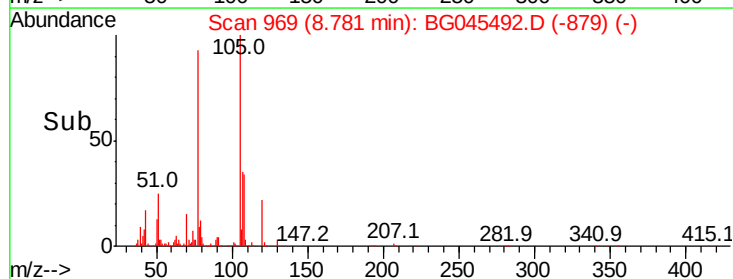
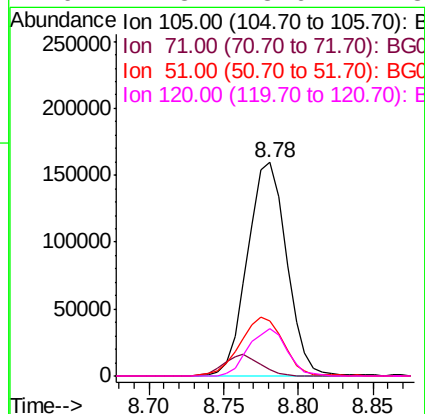
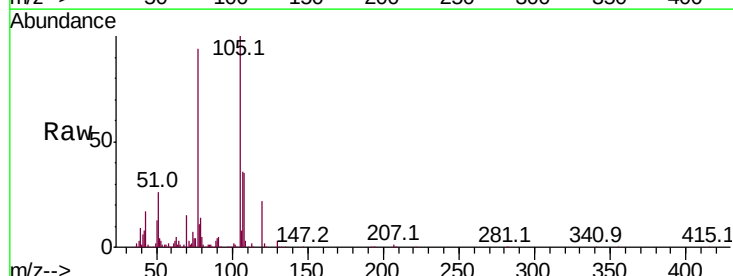
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

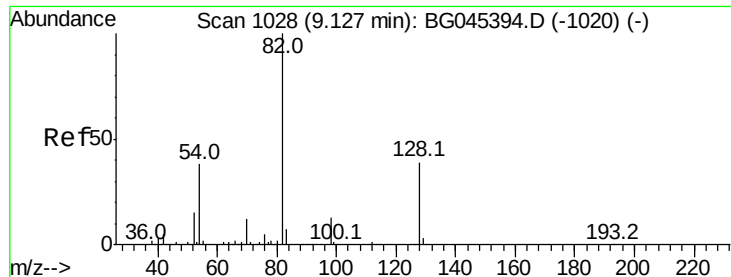
Tot Ion:136	Resp:	294046
Ion Ratio	Lower	Upper
136	100	
137	10.3	9.4 14.2
54	5.7	5.8 8.6#
68	5.2	4.5 6.7



#22
Acetophenone
Concen: 41.679 ng
RT: 8.78 min Scan# 969
Delta R.T. 0.00 min
Lab File: BG045492.D
Acq: 28 May 2020 11:32

Tgt Ion:105	Resp:	290472
Ion Ratio	Lower	Upper
105	100	
71	2.8	3.4 5.0#
51	25.7	18.2 27.2
120	22.3	18.6 27.8

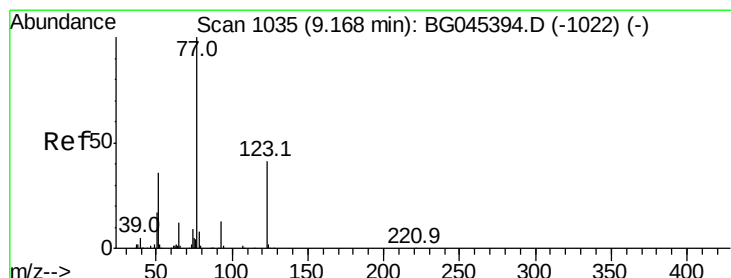
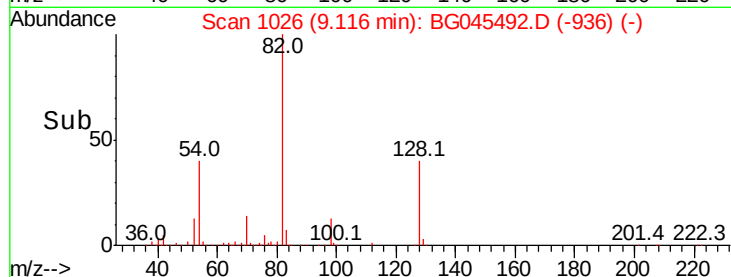
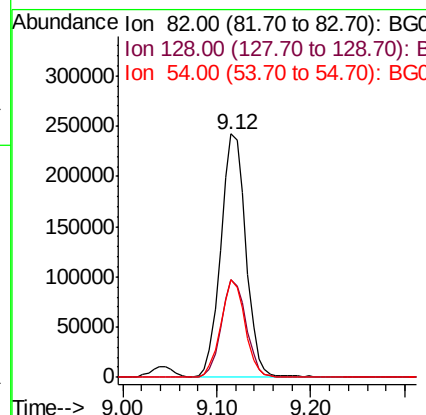
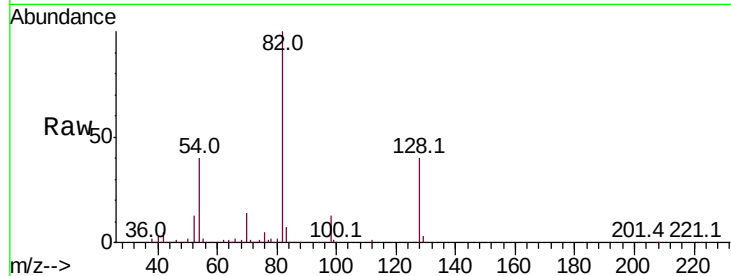




#23
 Nitrobenzene-d5
 Concen: 83.851 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BG045492.D
 Acq: 28 May 2020 11:32

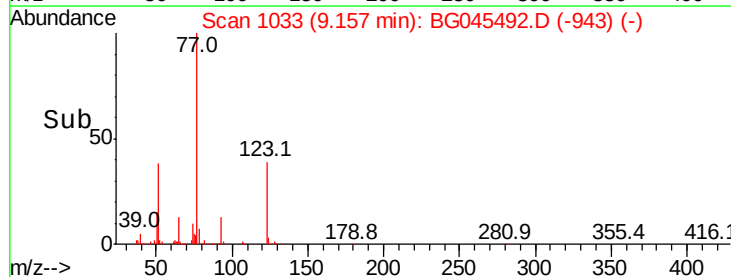
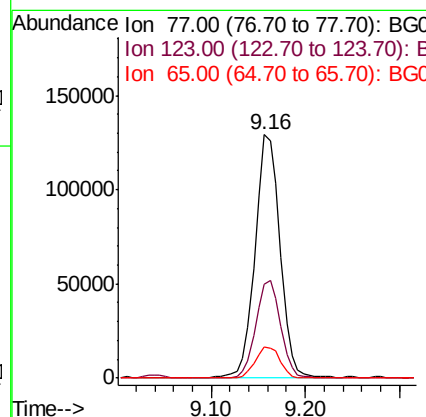
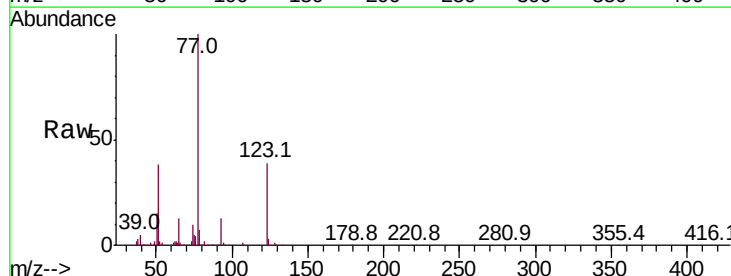
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

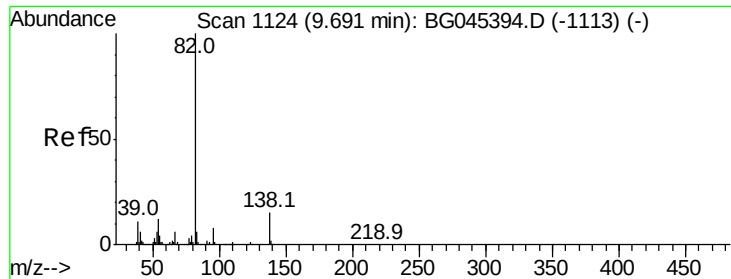
Tot Ion	82	Resp	452142
Ion Ratio	Lower	Upper	
82	100		
128	40.1	30.9	46.3
54	40.0	30.3	45.5



#24
 Nitrobenzene
 Concen: 41.354 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BG045492.D
 Acq: 28 May 2020 11:32

Tgt Ion	77	Resp	238910
Ion Ratio	Lower	Upper	
77	100		
123	38.5	32.9	49.3
65	12.9	9.4	14.2





#25

Isophorone

Concen: 43.239 ng

RT: 9.69 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BG045492.D

Acq: 28 May 2020 11:32

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

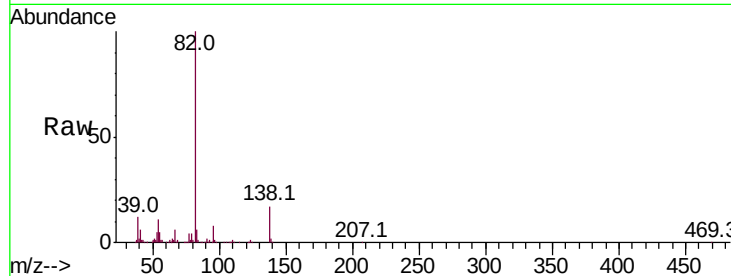
Tot Ion: 82 Resp: 459164

Ion Ratio Lower Upper

82 100

95 8.3 6.7 10.1

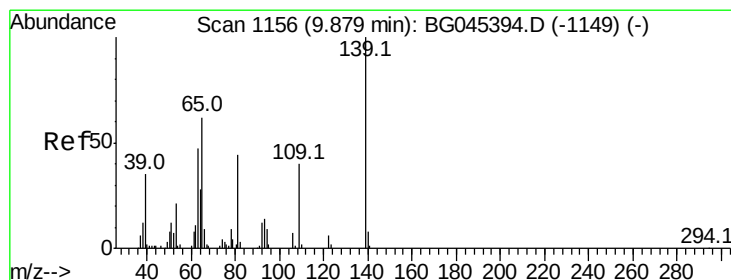
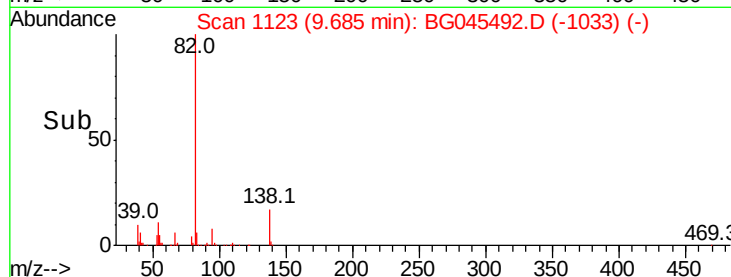
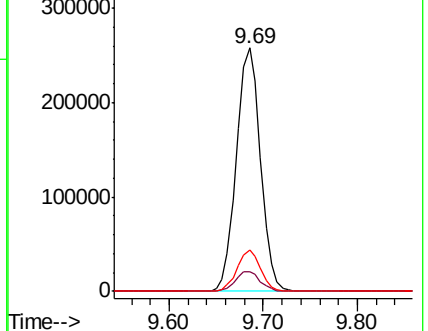
138 17.2 12.2 18.4



Abundance Ion 82.00 (81.70 to 82.70): BG045394.D (-1113) (-)

Ion 95.00 (94.70 to 95.70): BG045394.D (-1113) (-)

Ion 138.00 (137.70 to 138.70): BG045394.D (-1113) (-)



#26

2-Nitrophenol

Concen: 42.232 ng

RT: 9.87 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BG045492.D

Acq: 28 May 2020 11:32

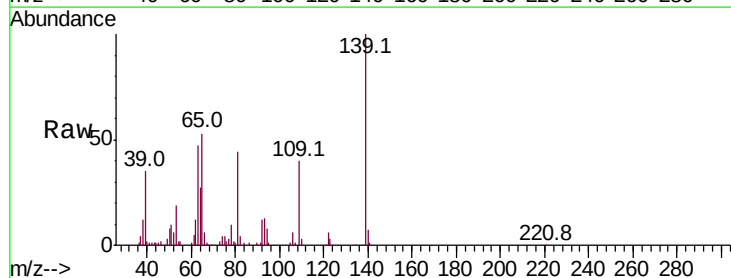
Tgt Ion: 139 Resp: 104371

Ion Ratio Lower Upper

139 100

109 40.3 32.2 48.4

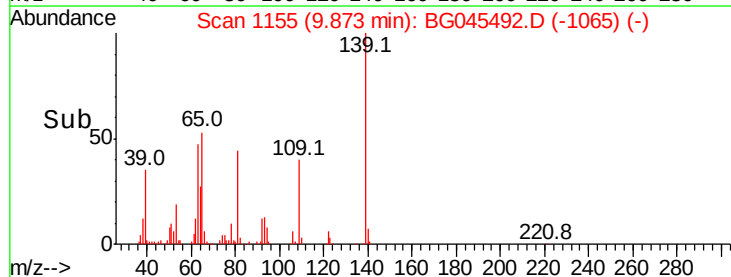
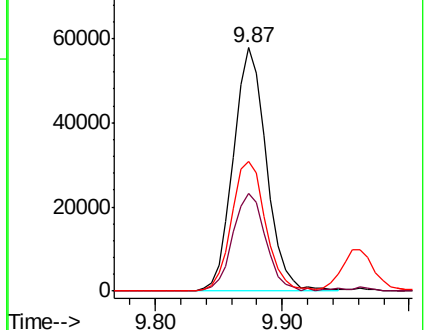
65 53.4 49.6 74.4

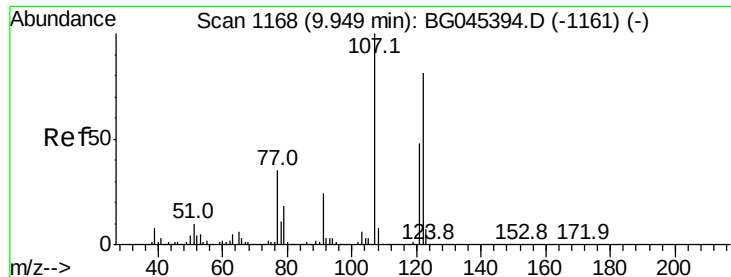


Abundance Ion 139.00 (138.70 to 139.70): BG045394.D (-1149) (-)

Ion 109.00 (108.70 to 109.70): BG045394.D (-1149) (-)

Ion 65.00 (64.70 to 65.70): BG045394.D (-1149) (-)





#27

2,4-Dimethylphenol

Concen: 43.366 ng

RT: 9.96 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BG045492.D

Acq: 28 May 2020 11:32

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

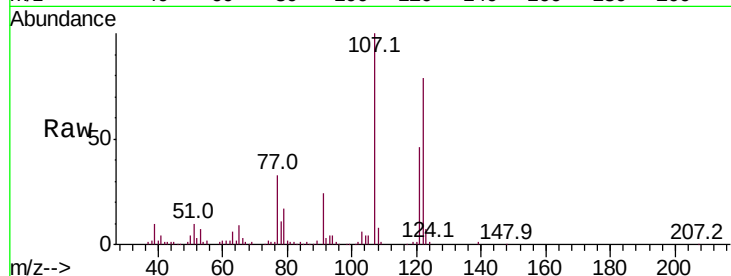
Tot Ion:122 Resp: 158957

Ion Ratio Lower Upper

122 100

107 126.1 99.0 148.4

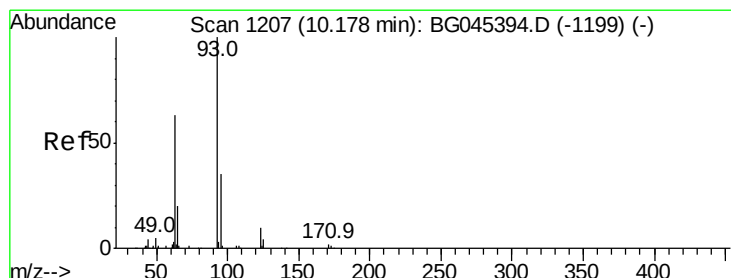
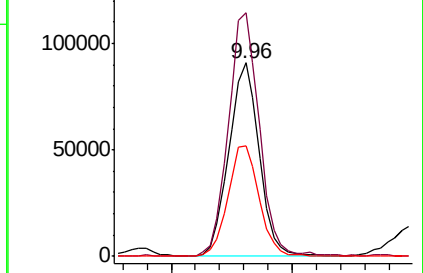
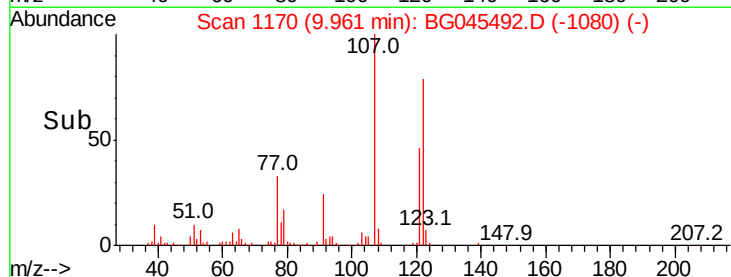
121 57.5 47.7 71.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.186 ng

RT: 10.17 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BG045492.D

Acq: 28 May 2020 11:32

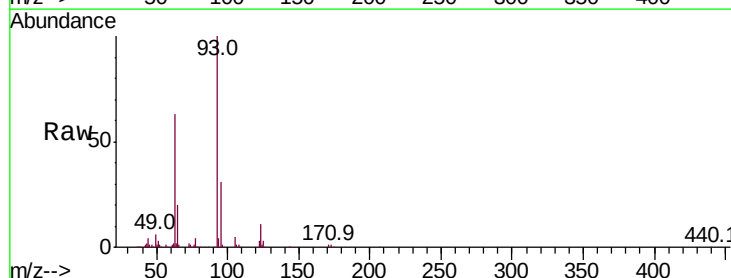
Tgt Ion: 93 Resp: 234941

Ion Ratio Lower Upper

93 100

95 31.5 27.6 41.4

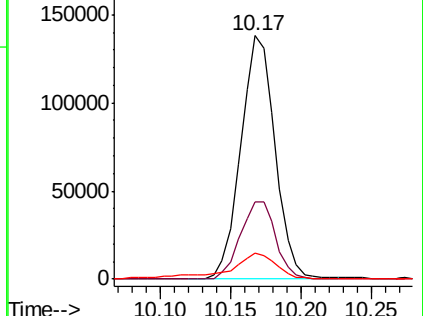
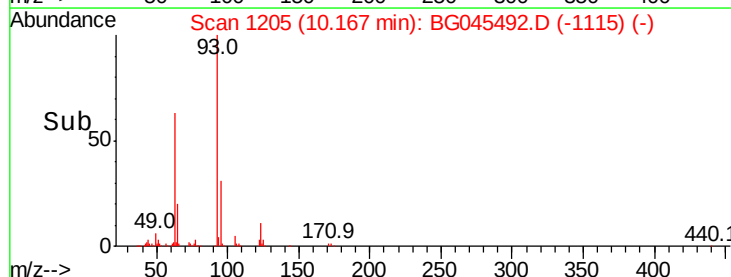
123 10.7 8.1 12.1

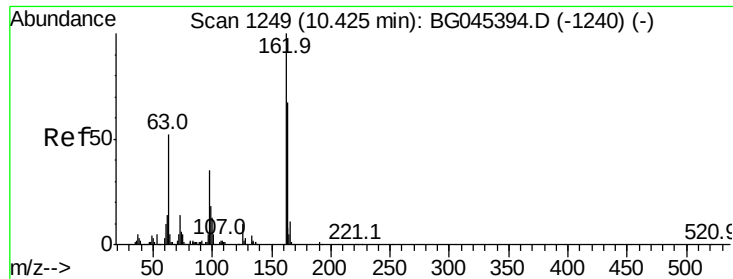


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 43.117 ng

RT: 10.44 min Scan# 1251

Delta R.T. 0.00 min

Lab File: BG045492.D

Acq: 28 May 2020 11:32

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

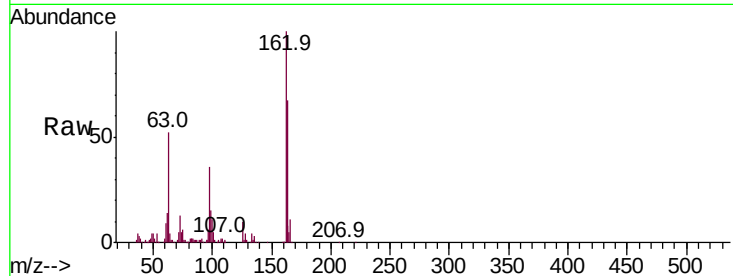
Tot Ion:162 Resp: 186632

Ion Ratio Lower Upper

162 100

164 67.3 46.8 86.8

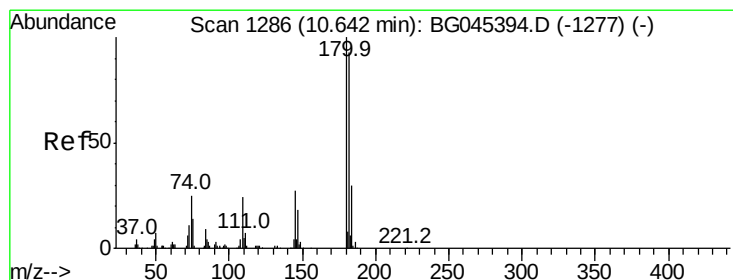
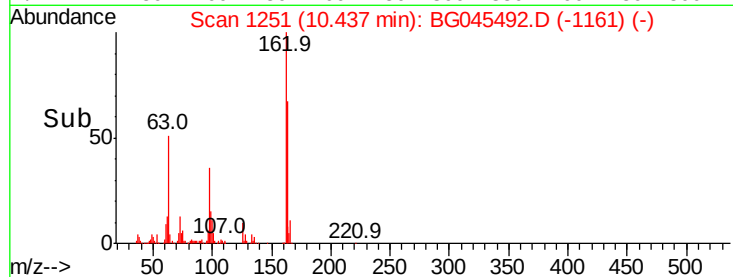
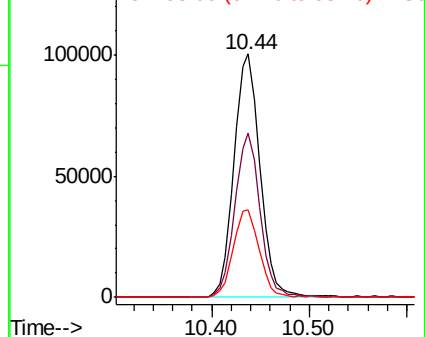
98 35.9 15.2 55.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 41.665 ng

RT: 10.63 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BG045492.D

Acq: 28 May 2020 11:32

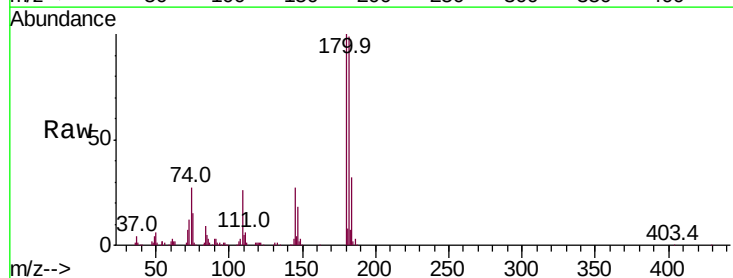
Tgt Ion:180 Resp: 213102

Ion Ratio Lower Upper

180 100

182 99.1 74.8 112.2

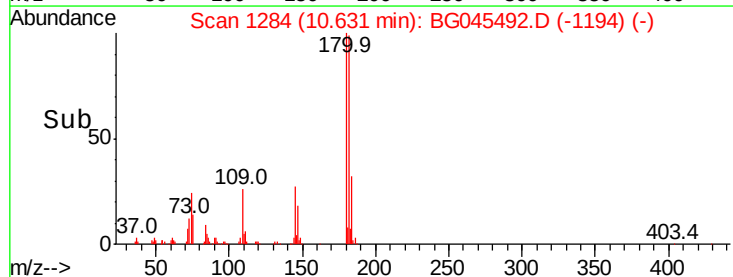
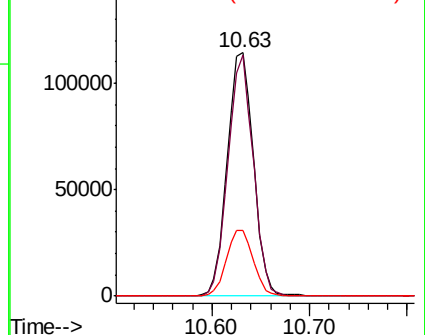
145 26.9 21.9 32.9

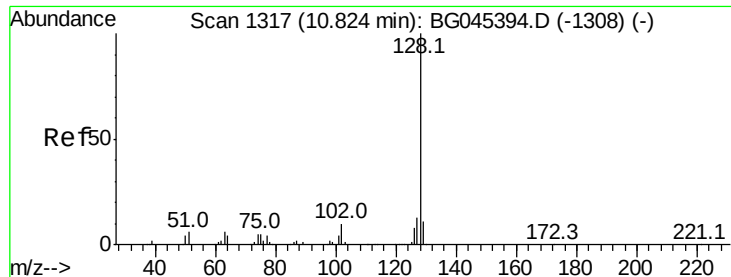


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

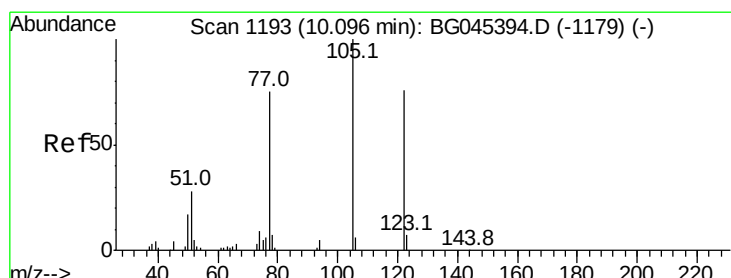
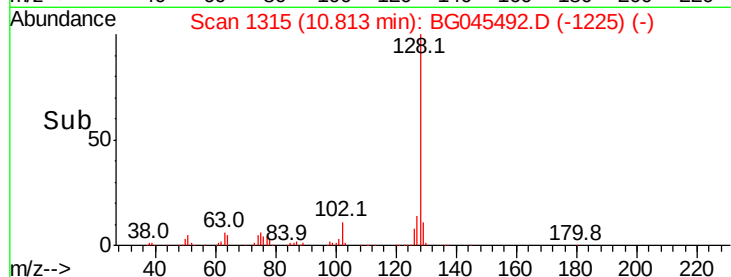
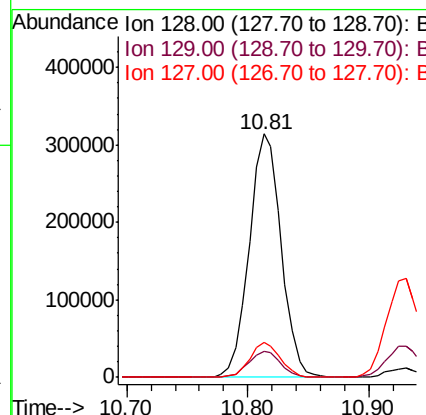
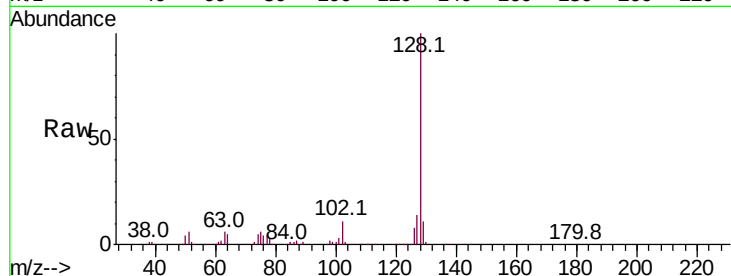




#31
Naphthalene
Concen: 42.084 ng
RT: 10.81 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BG045492.D
Acq: 28 May 2020 11:32

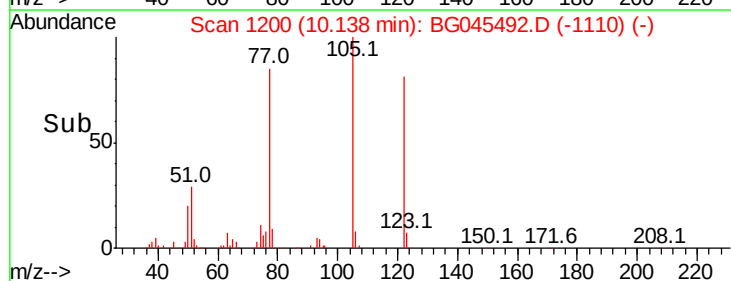
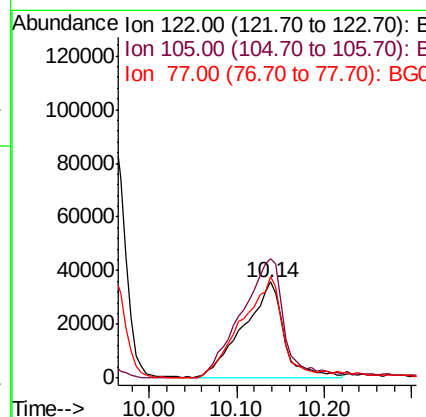
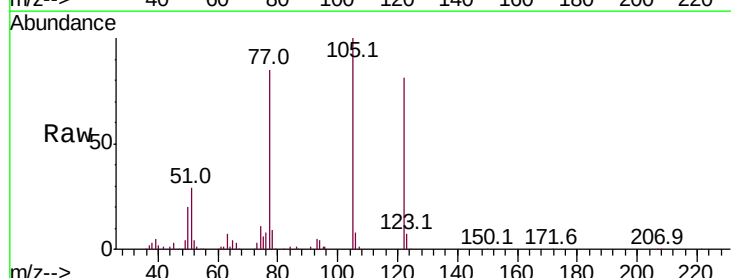
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

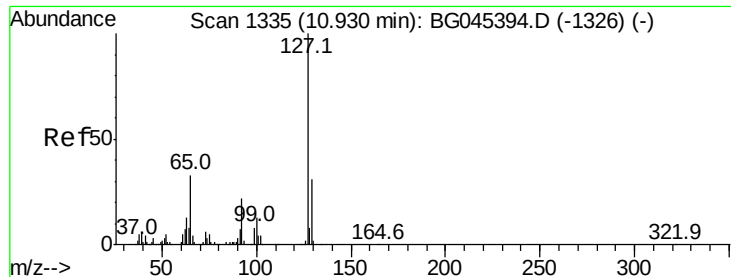
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.0	13.6
127	14.4	10.7	16.1



#32
Benzoic acid
Concen: 45.262 ng
RT: 10.14 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BG045492.D
Acq: 28 May 2020 11:32

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.1	107.9	147.9
77	105.4	78.9	118.9

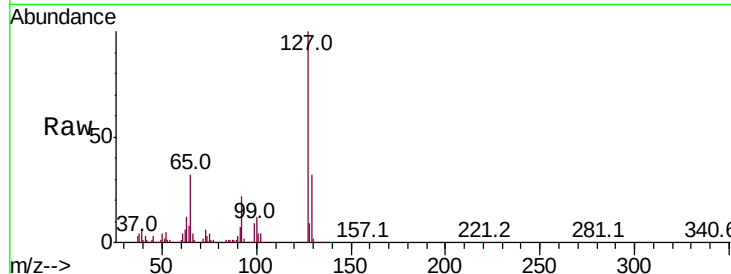




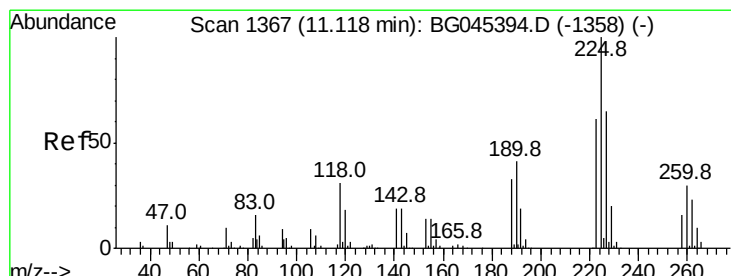
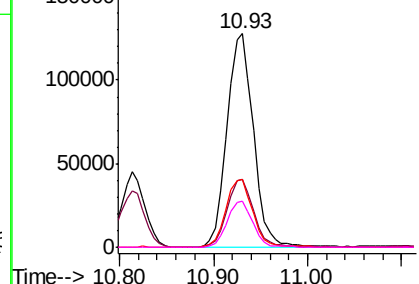
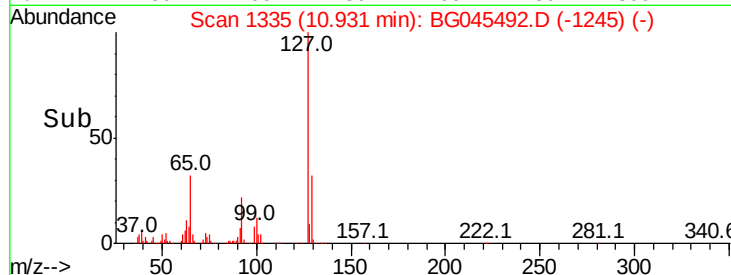
#33
4-Chloroaniline
Concen: 43.623 ng
RT: 10.93 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BG045492.D
Acq: 28 May 2020 11:32

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	249857
Ion	Ratio	Lower	Upper
127	100		
129	31.7	24.7	37.1
65	31.8	26.2	39.2
92	21.7	17.9	26.9

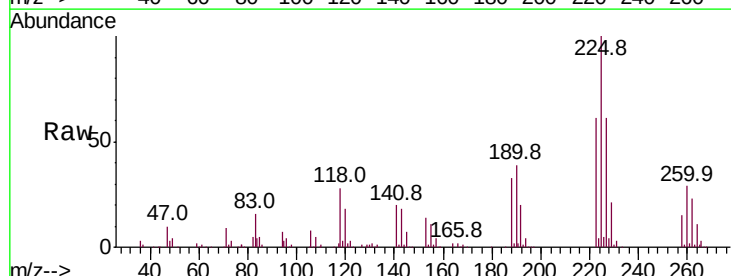


Abundance Ion 127.00 (126.70 to 127.70): E
200000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

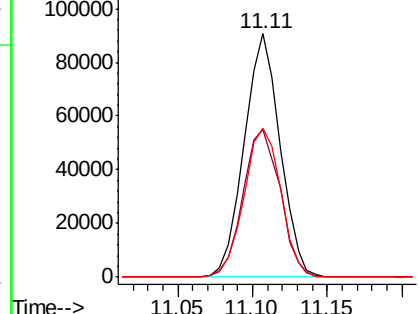
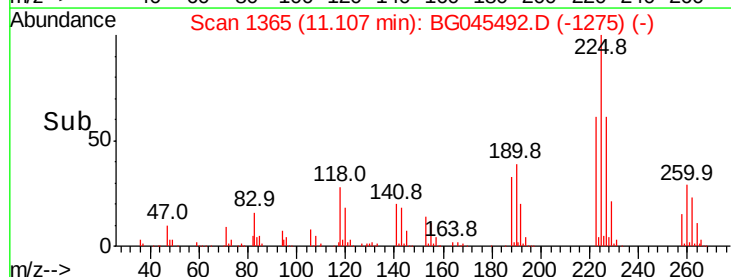


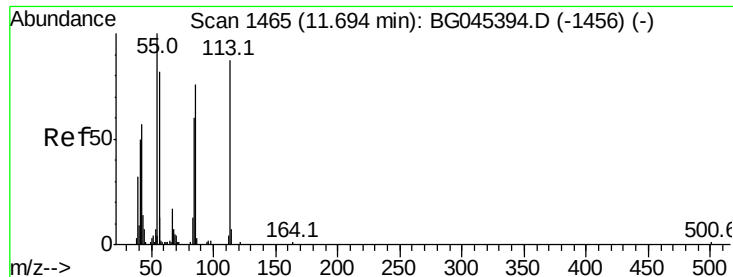
#34
Hexachlorobutadiene
Concen: 41.647 ng
RT: 11.11 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BG045492.D
Acq: 28 May 2020 11:32

Tgt Ion:	225	Resp:	150572
Ion	Ratio	Lower	Upper
225	100		
223	60.6	49.1	73.7
227	60.9	52.0	78.0



Abundance Ion 225.00 (224.70 to 225.70): E
120000
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

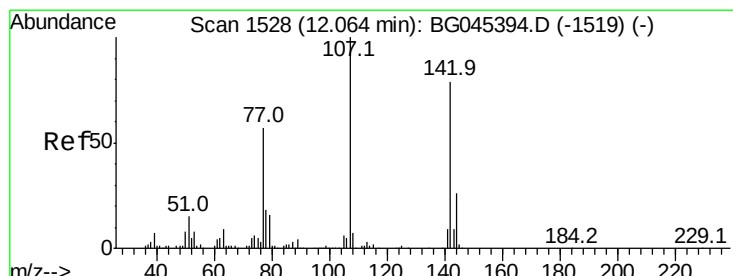
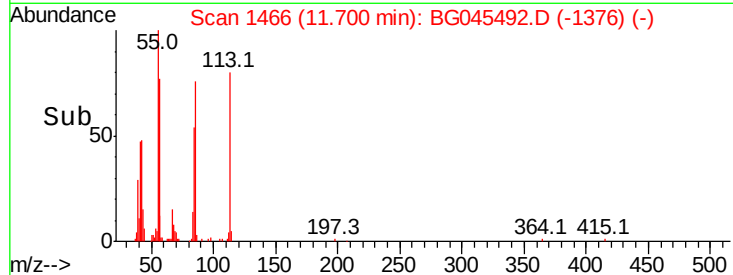
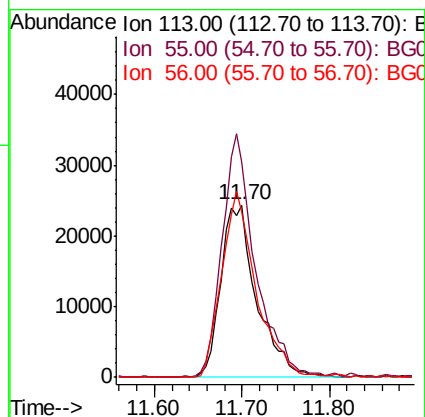
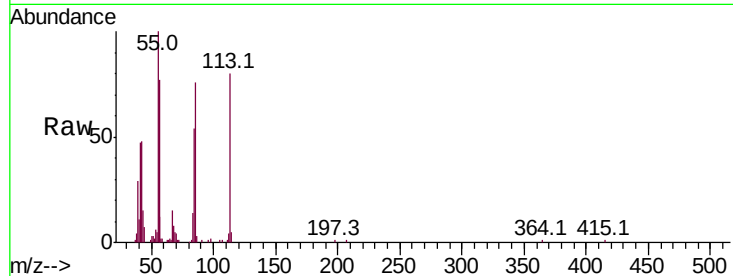




#35
 Caprolactam
 Concen: 43.254 ng
 RT: 11.70 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: BG045492.D
 Acq: 28 May 2020 11:32

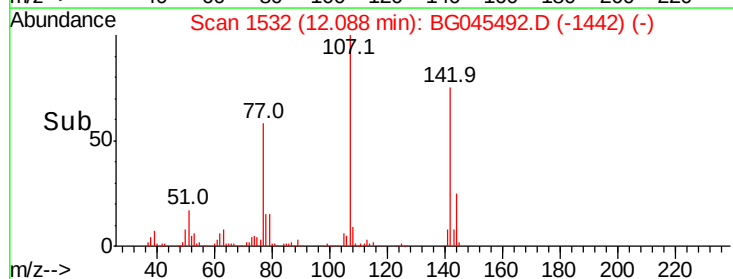
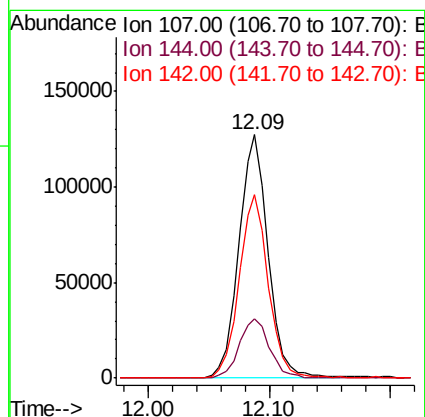
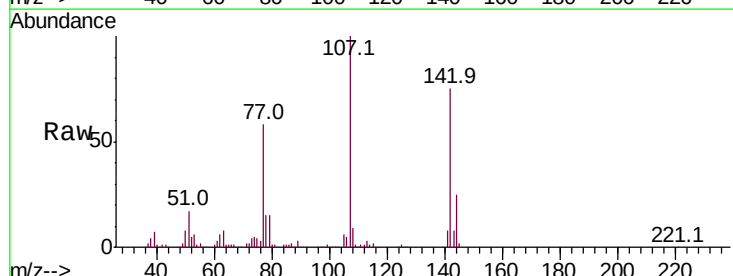
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

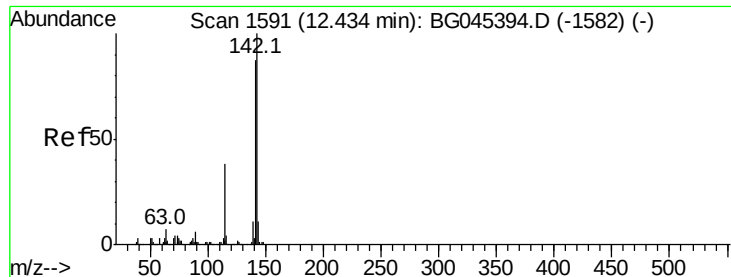
Tot Ion:113 Resp: 68720
 Ion Ratio Lower Upper
 113 100
 55 125.2 96.0 136.0
 56 95.9 75.1 115.1



#36
 4-Chloro-3-methylphenol
 Concen: 43.907 ng
 RT: 12.09 min Scan# 1532
 Delta R.T. 0.00 min
 Lab File: BG045492.D
 Acq: 28 May 2020 11:32

Tgt Ion:107 Resp: 214156
 Ion Ratio Lower Upper
 107 100
 144 24.6 20.8 31.2
 142 75.1 62.8 94.2

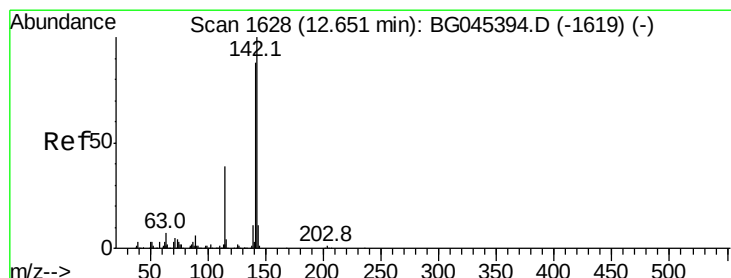
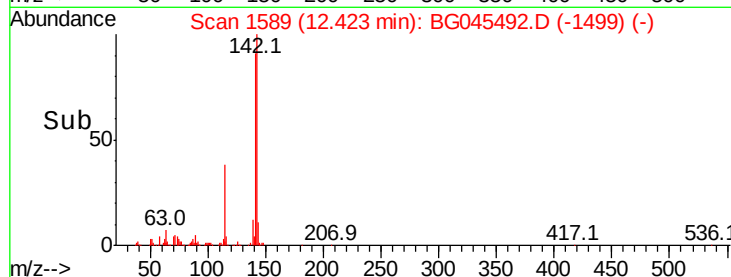
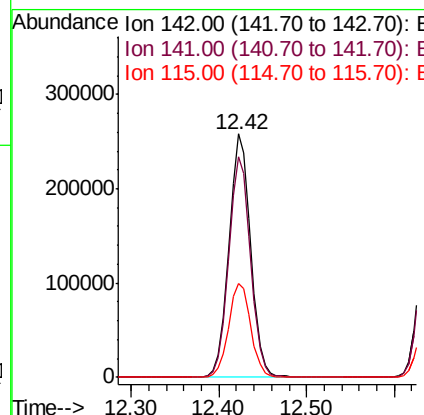
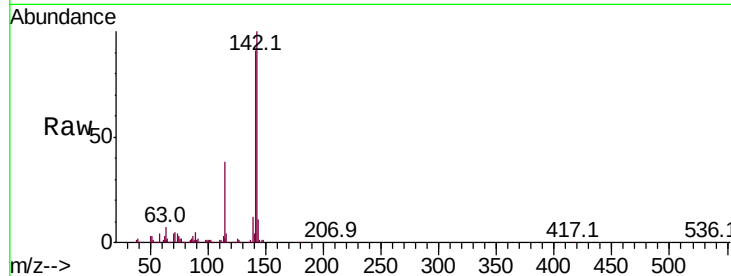




#37
2-Methylnaphthalene
Concen: 42.935 ng
RT: 12.42 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BG045492.D
Acq: 28 May 2020 11:32

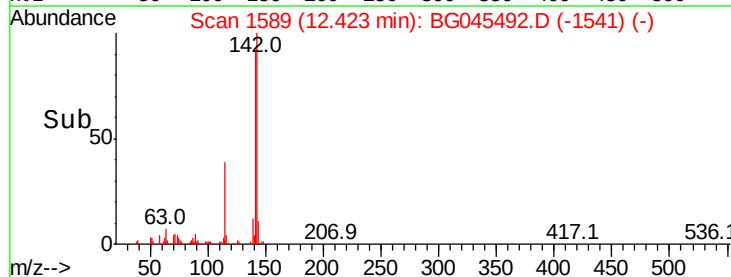
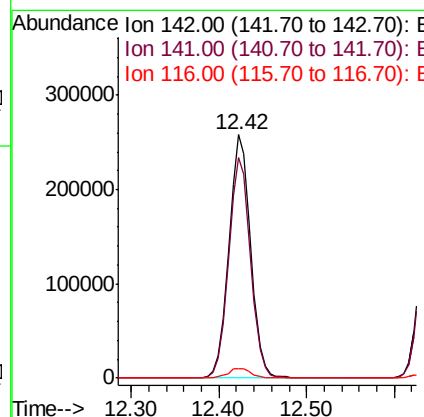
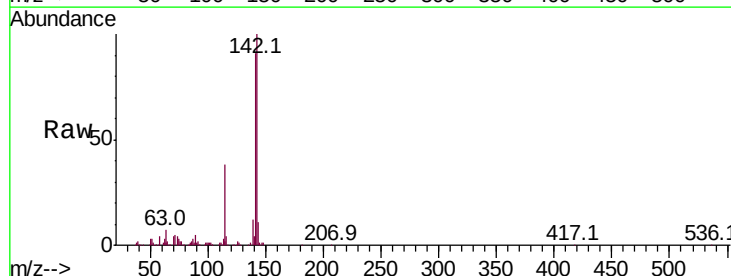
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

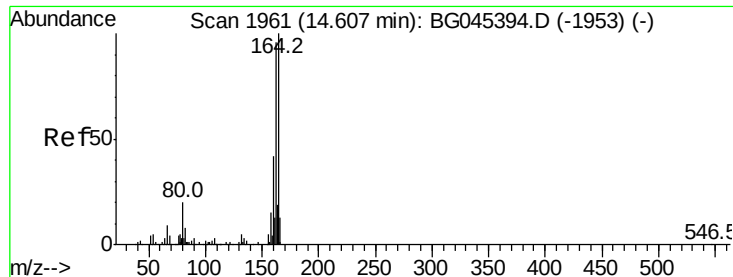
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	70.0	105.0
115	38.4	30.8	46.2



#38
1-Methylnaphthalene
Concen: 45.452 ng
RT: 12.42 min Scan# 1589
Delta R.T. -0.22 min
Lab File: BG045492.D
Acq: 28 May 2020 11:32

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.6	70.8	106.2
116	4.1	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: BG045492.D

Acq: 28 May 2020 11:32

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

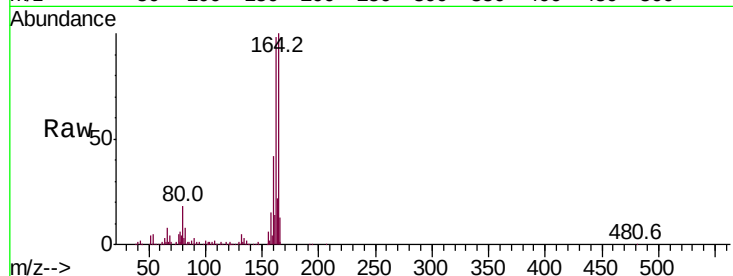
Tot Ion:164 Resp: 214425

Ion Ratio Lower Upper

164 100

162 98.3 76.9 115.3

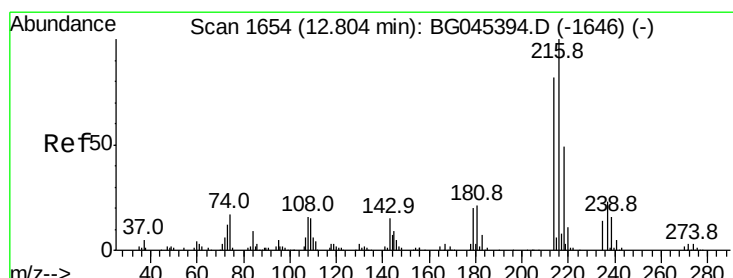
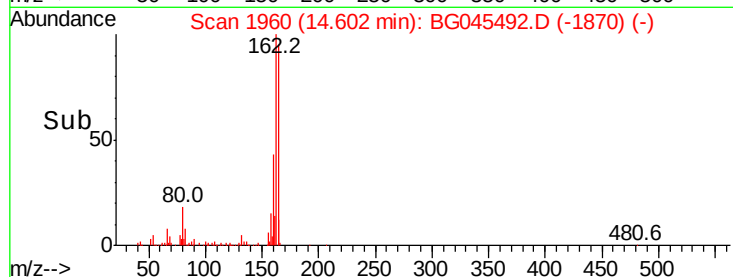
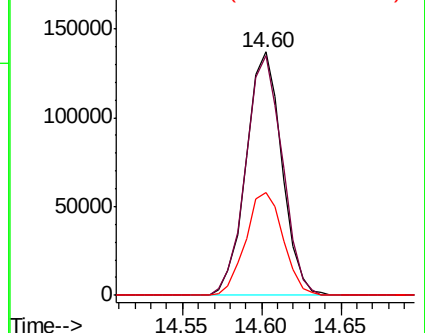
160 42.2 33.8 50.8



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: 41.173 ng

RT: 12.79 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BG045492.D

Acq: 28 May 2020 11:32

Tgt Ion:216 Resp: 246594

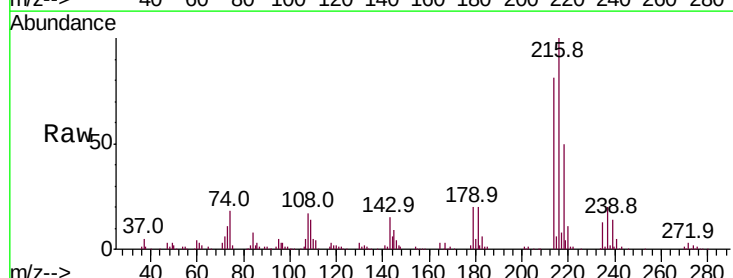
Ion Ratio Lower Upper

216 100

214 80.2 63.7 95.5

179 19.9 16.1 24.1

108 17.1 13.8 20.6

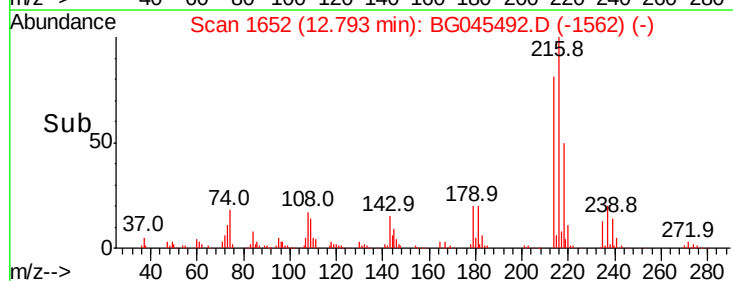
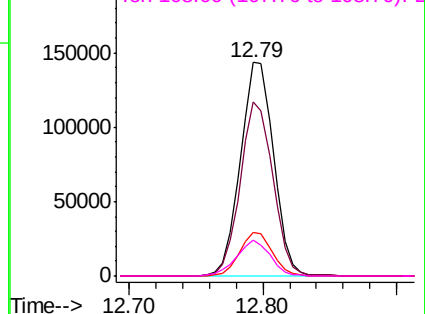


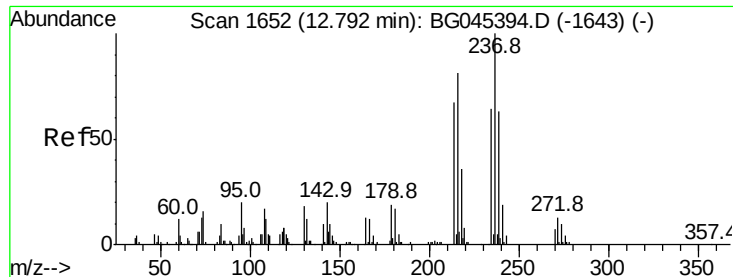
Abundance Ion 216.00 (215.70 to 216.70): E

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: 39.633 ng

RT: 12.78 min Scan# 1649

Delta R.T. 0.00 min

Lab File: BG045492.D

Acq: 28 May 2020 11:32

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

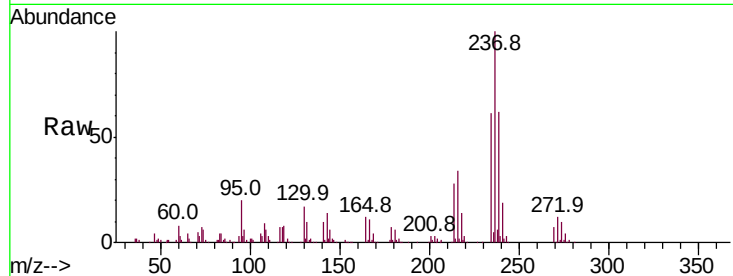
Tot Ion:237 Resp: 137005

Ion Ratio Lower Upper

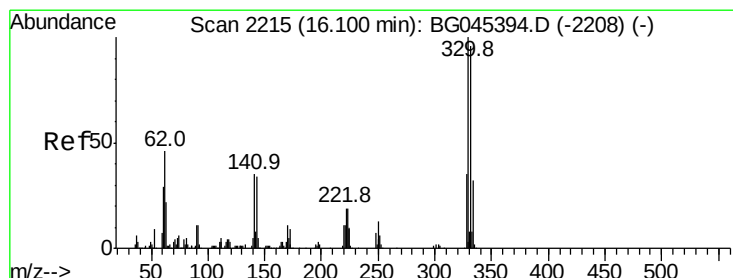
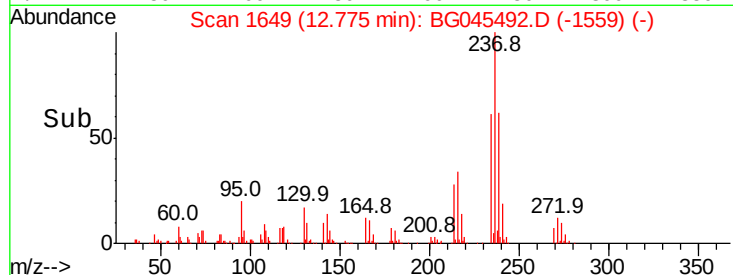
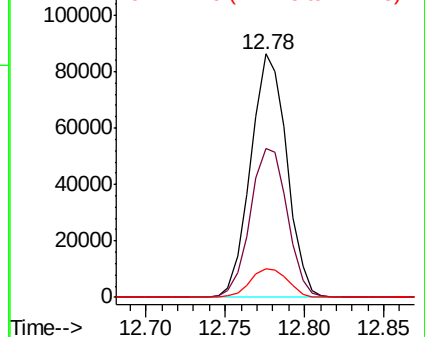
237 100

235 61.2 44.4 84.4

272 11.8 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: 83.990 ng

RT: 16.10 min Scan# 2215

Delta R.T. 0.00 min

Lab File: BG045492.D

Acq: 28 May 2020 11:32

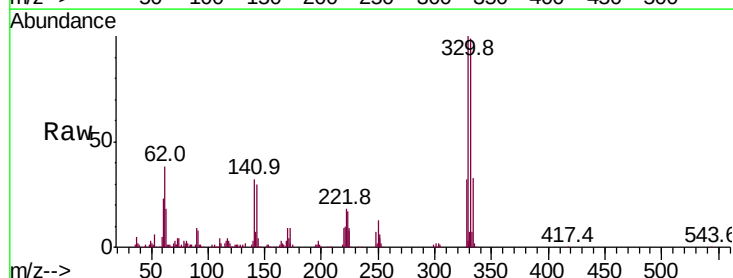
Tgt Ion:330 Resp: 230321

Ion Ratio Lower Upper

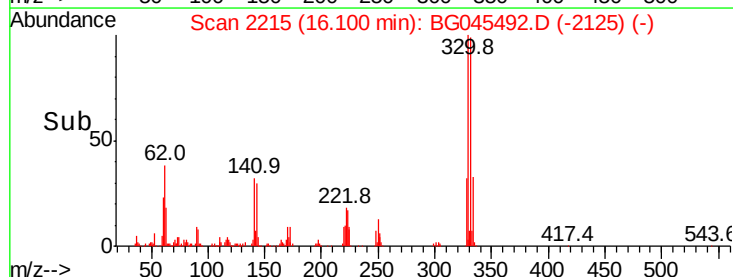
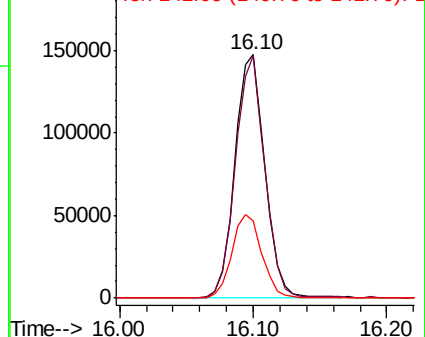
330 100

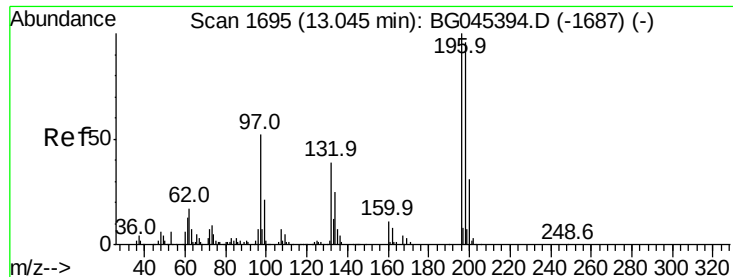
332 97.3 78.2 117.4

141 34.4 28.2 42.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 41.743 ng

RT: 13.05 min Scan# 1695

Delta R.T. 0.00 min

Lab File: BG045492.D

Acq: 28 May 2020 11:32

Instrument :

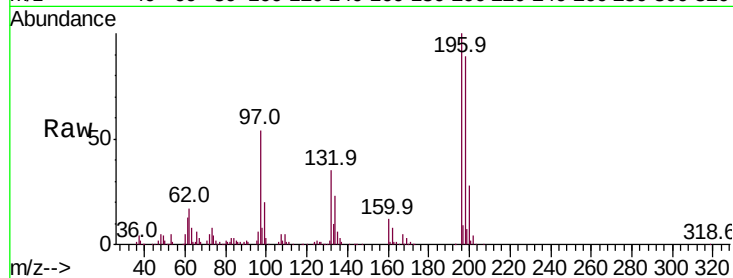
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:196 Resp: 173673

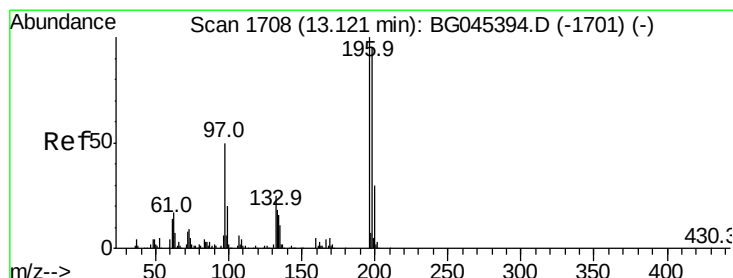
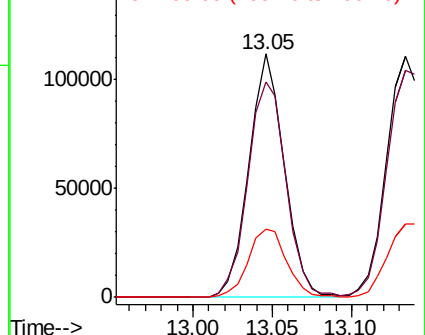
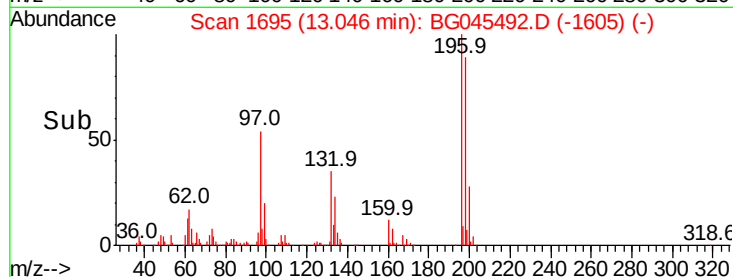
Ion	Ratio	Lower	Upper
196	100		
198	88.6	76.7	115.1
200	28.2	24.9	37.3



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 41.489 ng

RT: 13.13 min Scan# 1710

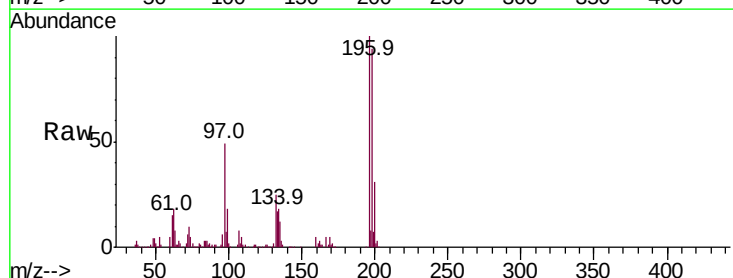
Delta R.T. 0.00 min

Lab File: BG045492.D

Acq: 28 May 2020 11:32

Tgt Ion:196 Resp: 197252

Ion	Ratio	Lower	Upper
196	100		
198	94.5	76.1	114.1
97	48.8	40.0	60.0
132	25.4	20.2	30.2

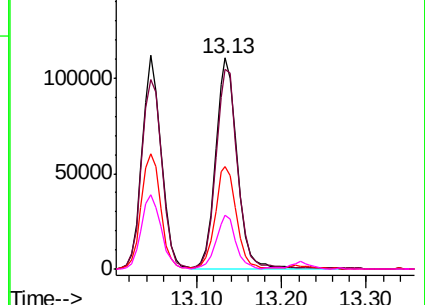
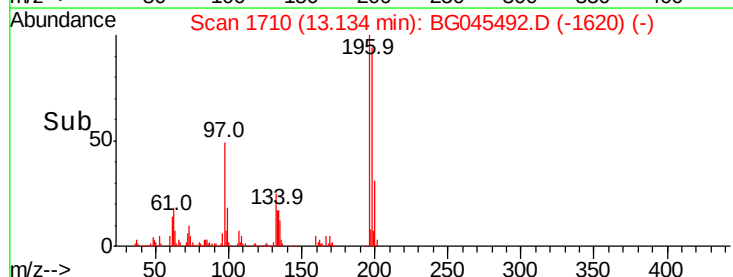


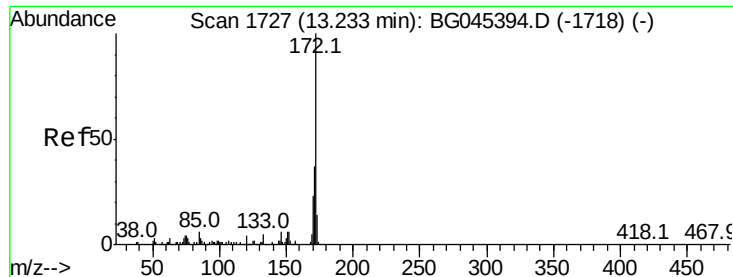
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E





#45

2-Fluorobiphenyl

Concen: 83.270 ng

RT: 13.22 min Scan# 1725

Delta R.T. 0.00 min

Lab File: BG045492.D

Acq: 28 May 2020 11:32

Instrument :

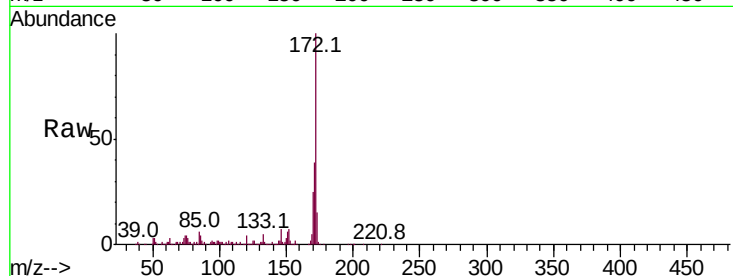
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:172 Resp: 1052647

Ion	Ratio	Lower	Upper
172	100		
171	38.7	29.5	44.3
170	25.1	18.5	27.7

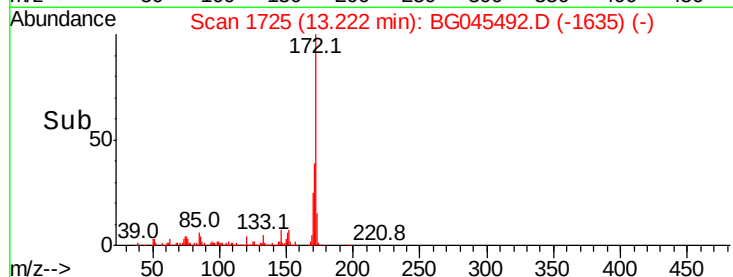
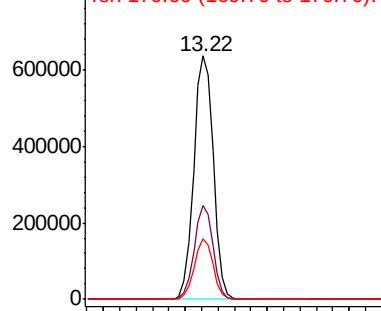


Abundance

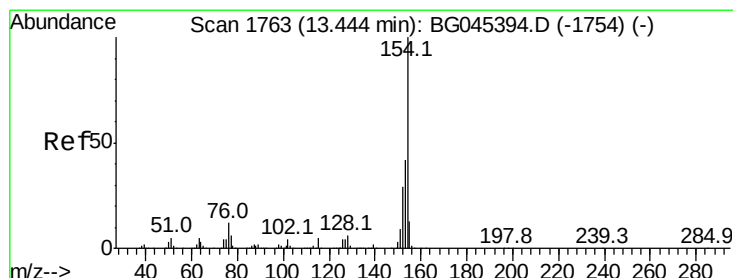
Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



Time-->



#46

1,1'-Biphenyl

Concen: 41.324 ng

RT: 13.43 min Scan# 1761

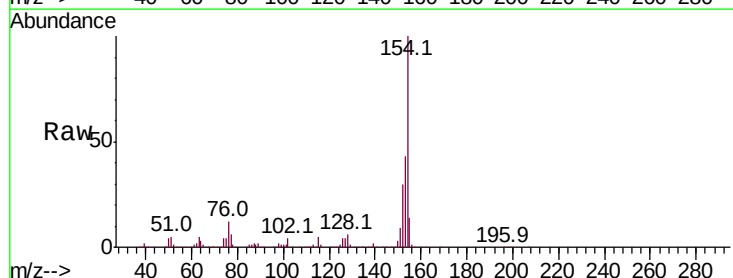
Delta R.T. 0.00 min

Lab File: BG045492.D

Acq: 28 May 2020 11:32

Tgt Ion:154 Resp: 544464

Ion	Ratio	Lower	Upper
154	100		
153	42.8	22.2	62.2
76	12.3	0.0	32.4

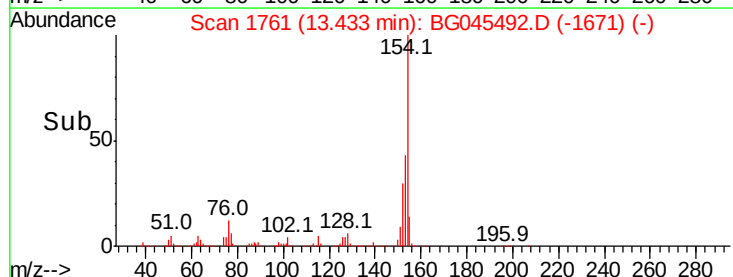
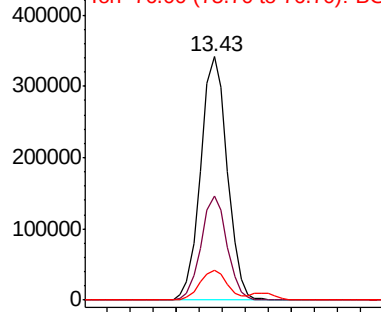


Abundance

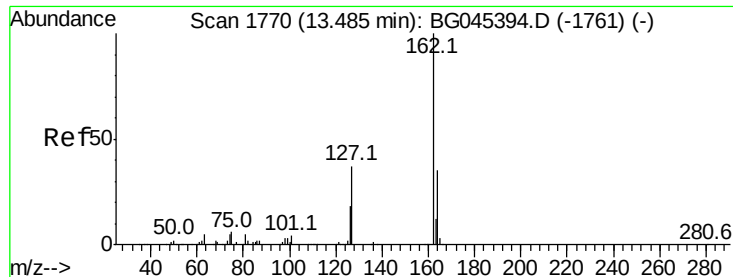
Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



Time-->



#47

2-Chloronaphthalene

Concen: 41.931 ng

RT: 13.47 min Scan# 1768

Delta R.T. 0.00 min

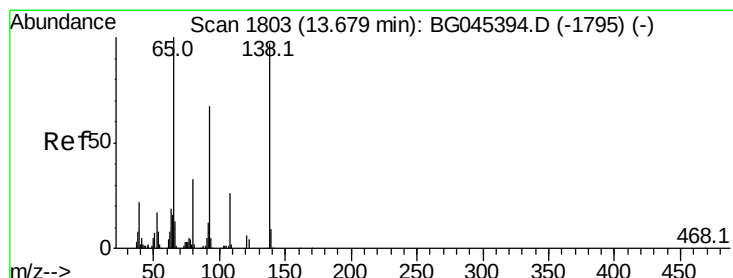
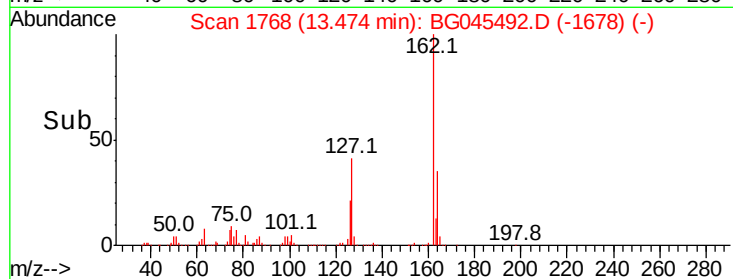
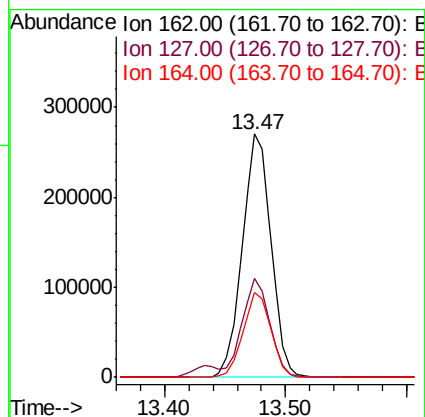
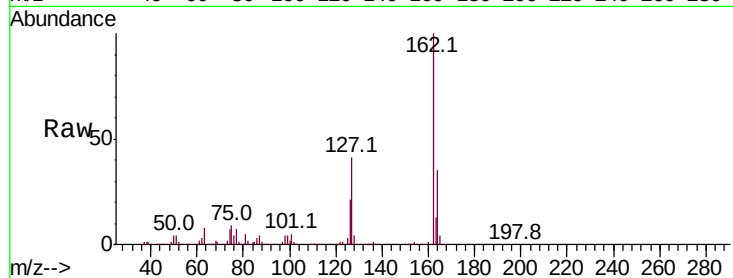
Lab File: BG045492.D

Acq: 28 May 2020 11:32

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:162 Resp: 448615

Ion	Ratio	Lower	Upper
162	100		
127	40.9	31.6	47.4
164	34.7	28.1	42.1



#48

2-Nitroaniline

Concen: 42.011 ng

RT: 13.69 min Scan# 1804

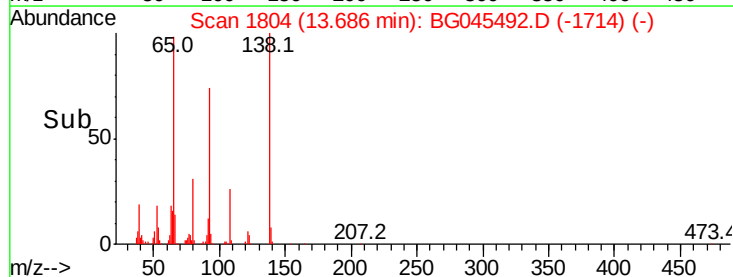
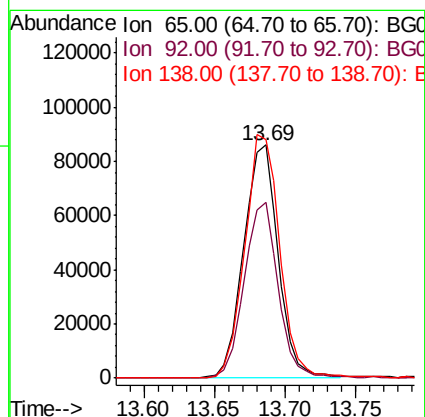
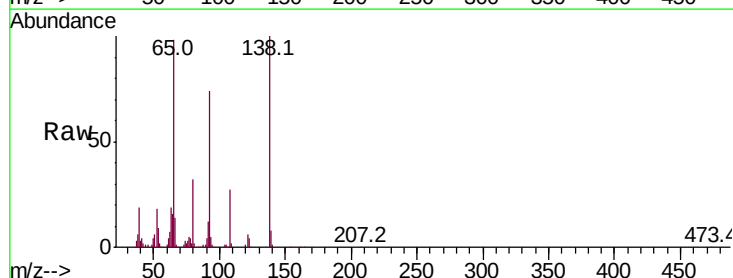
Delta R.T. 0.00 min

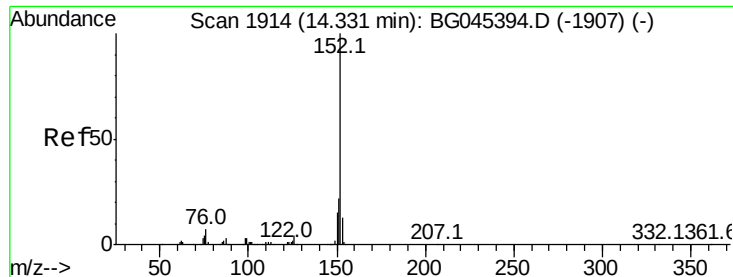
Lab File: BG045492.D

Acq: 28 May 2020 11:32

Tgt Ion: 65 Resp: 147852

Ion	Ratio	Lower	Upper
65	100		
92	75.6	53.8	80.8
138	102.5	77.9	116.9





#49

Acenaphthylene

Concen: 42.417 ng

RT: 14.33 min Scan# 1913

Delta R.T. 0.00 min

Lab File: BG045492.D

Acq: 28 May 2020 11:32

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

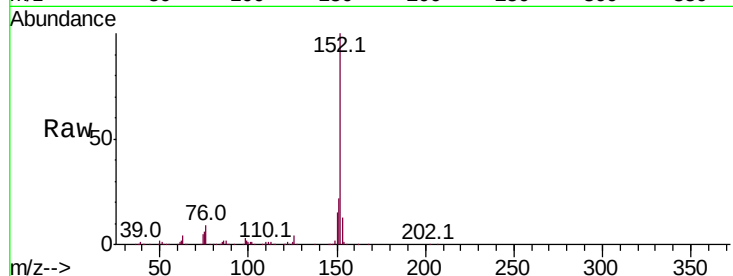
Tot Ion:152 Resp: 728945

Ion Ratio Lower Upper

152 100

151 21.6 17.4 26.2

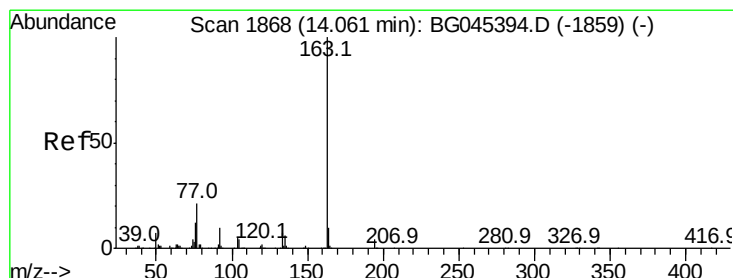
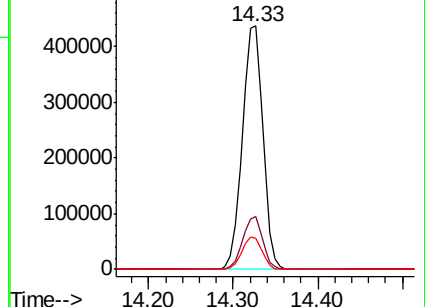
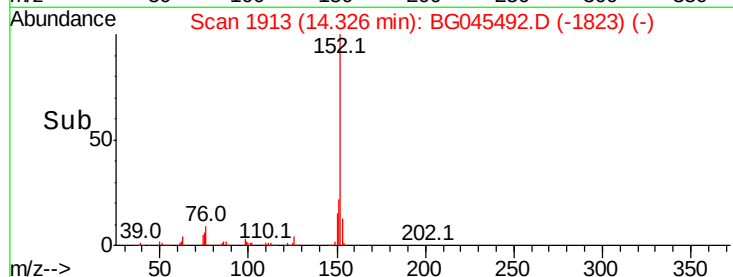
153 12.9 10.7 16.1



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: 42.047 ng

RT: 14.06 min Scan# 1867

Delta R.T. 0.00 min

Lab File: BG045492.D

Acq: 28 May 2020 11:32

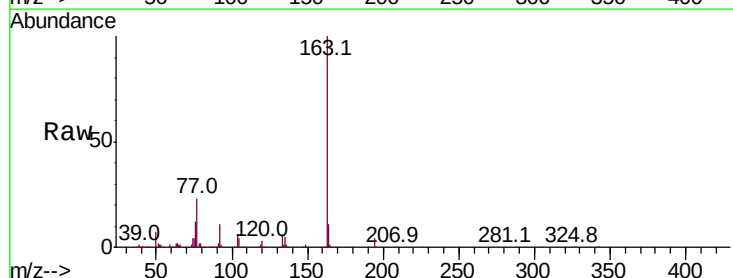
Tgt Ion:163 Resp: 618487

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

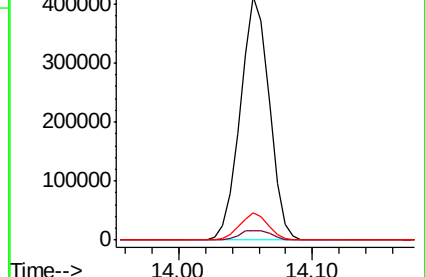
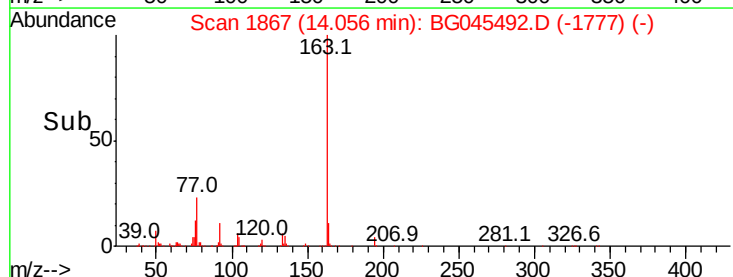
164 11.3 8.3 12.5

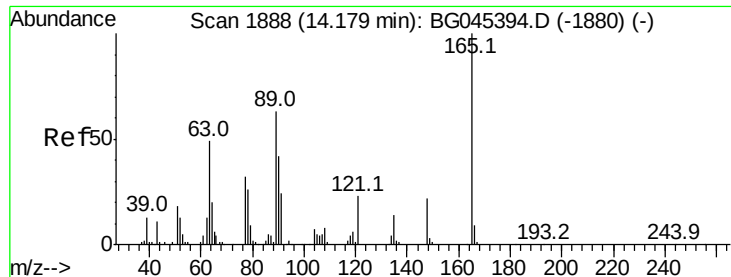


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

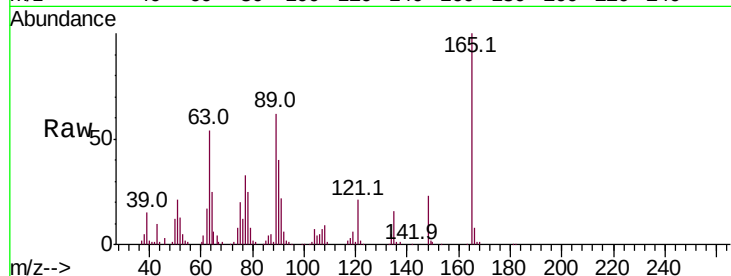




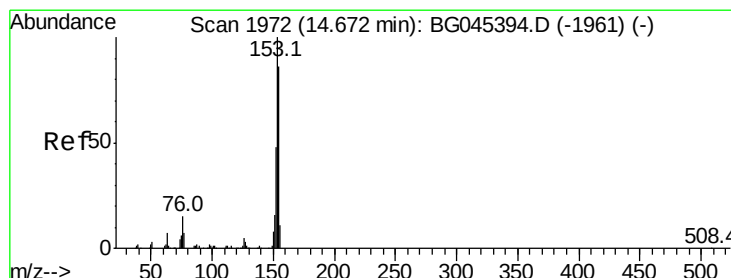
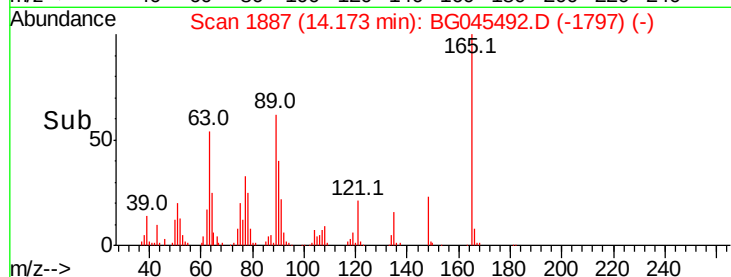
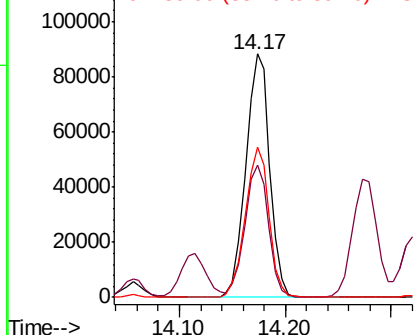
#51
 2,6-Dinitrotoluene
 Concen: 41.736 ng
 RT: 14.17 min Scan# 1887
 Delta R.T. 0.00 min
 Lab File: BG045492.D
 Acq: 28 May 2020 11:32

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	54.4	45.0	67.4
89	61.5	50.2	75.4

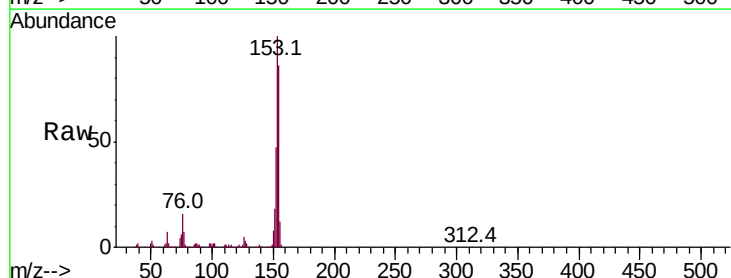


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

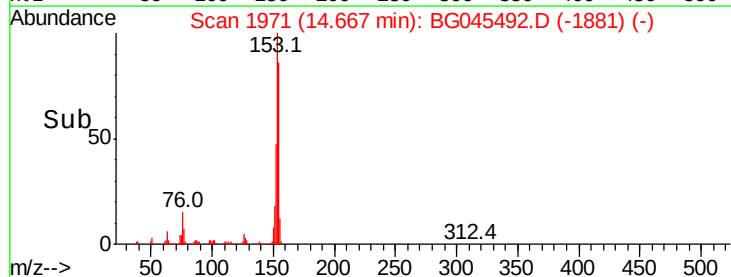
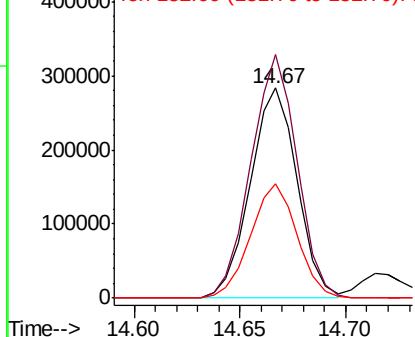


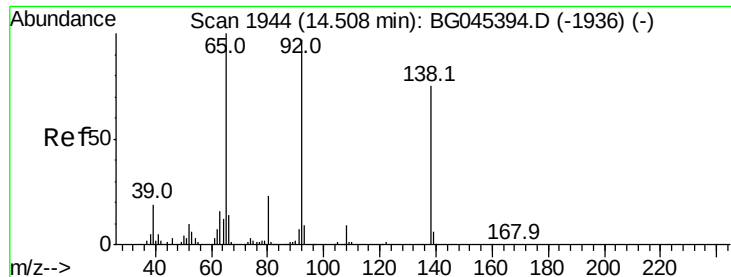
#52
 Acenaphthene
 Concen: 37.945 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. 0.00 min
 Lab File: BG045492.D
 Acq: 28 May 2020 11:32

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.9	92.8	139.2
152	54.4	44.6	66.8



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





#53

3-Nitroaniline

Concen: 42.308 ng

RT: 14.51 min Scan# 1945

Delta R.T. 0.00 min

Lab File: BG045492.D

Acq: 28 May 2020 11:32

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

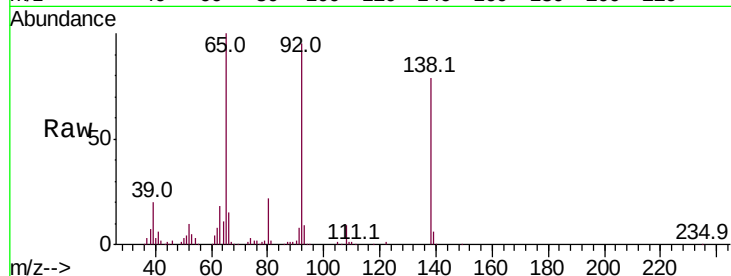
Tot Ion:138 Resp: 142752

Ion Ratio Lower Upper

138 100

108 10.8 9.8 14.6

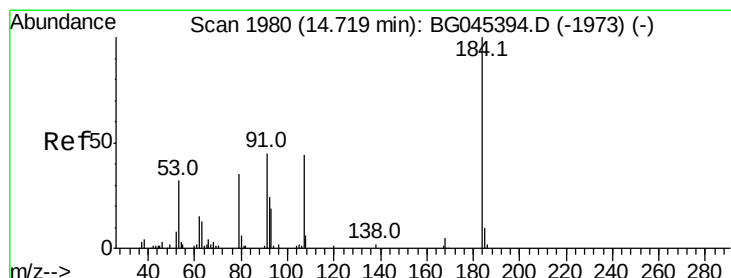
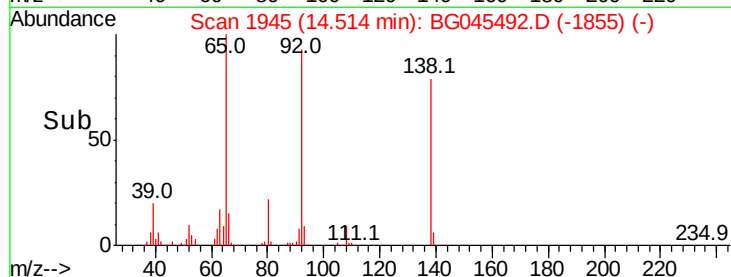
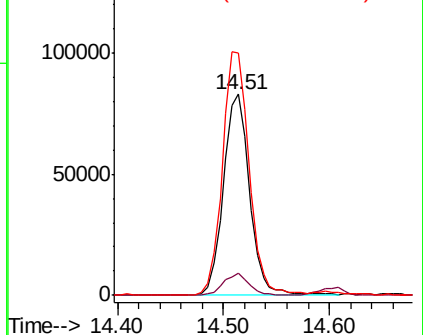
92 120.5 103.0 154.4



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: 38.866 ng

RT: 14.72 min Scan# 1980

Delta R.T. 0.00 min

Lab File: BG045492.D

Acq: 28 May 2020 11:32

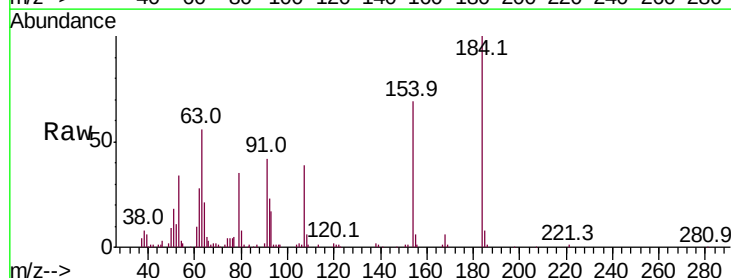
Tgt Ion:184 Resp: 77956

Ion Ratio Lower Upper

184 100

63 56.3 47.8 71.6

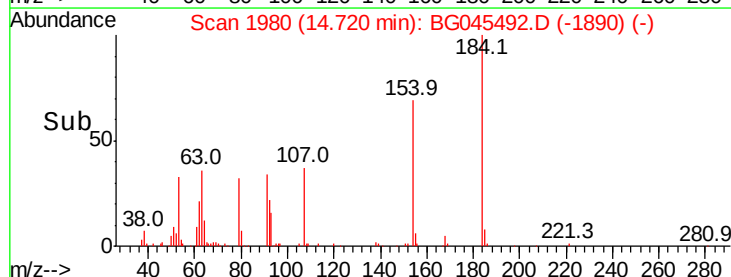
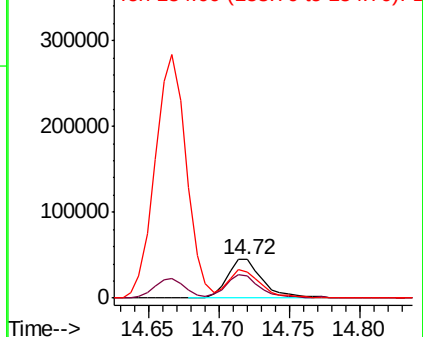
154 68.9 58.3 87.5

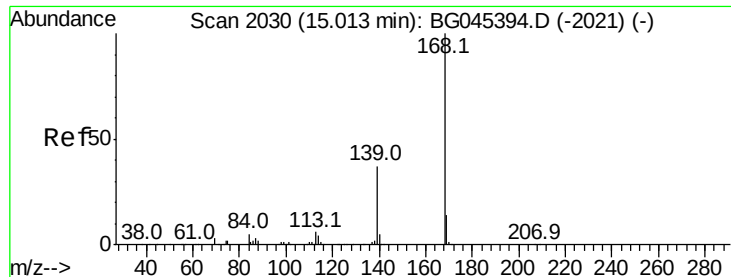


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

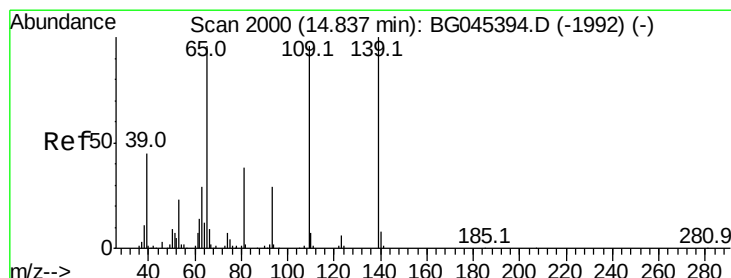
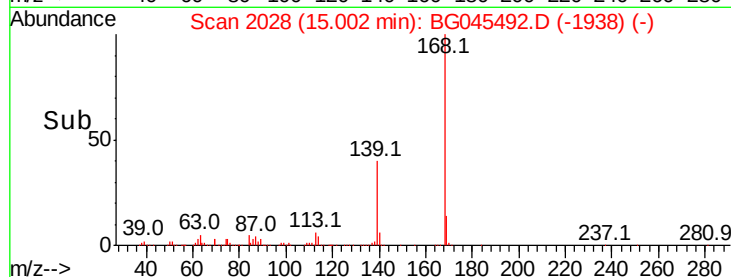
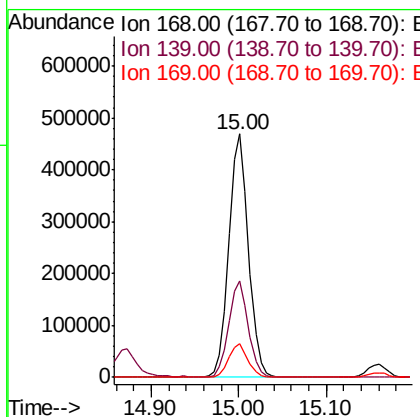
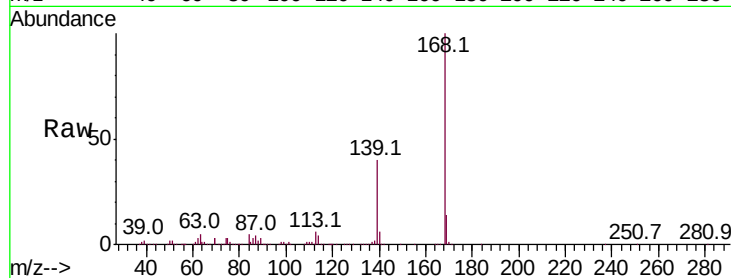




#55
Dibenzenofuran
Concen: 41.990 ng
RT: 15.00 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BG045492.D
Acq: 28 May 2020 11:32

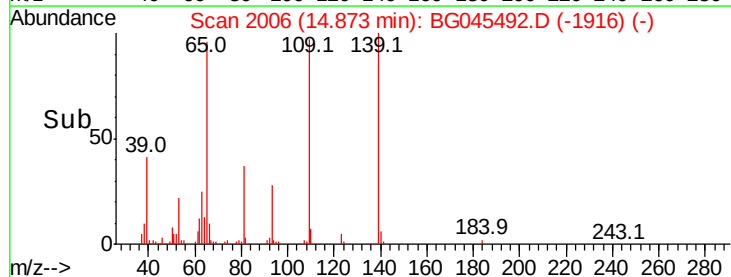
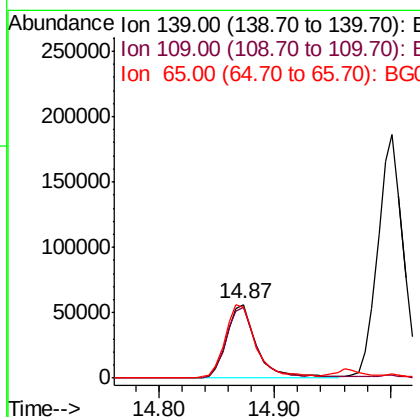
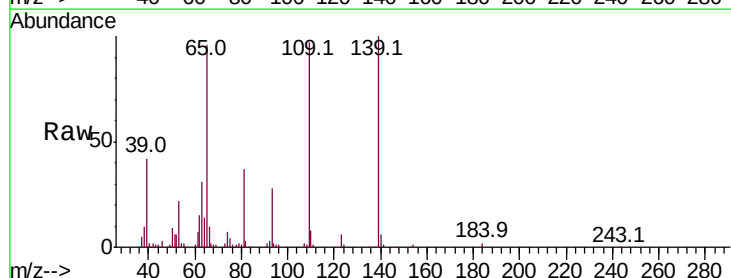
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

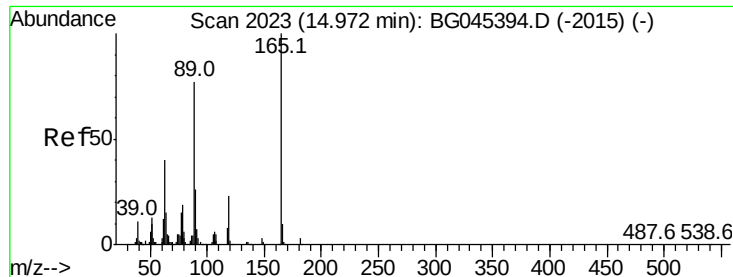
Tot Ion:168 Resp: 717307
Ion Ratio Lower Upper
168 100
139 39.7 29.9 44.9
169 13.7 10.9 16.3



#56
4-Nitrophenol
Concen: 39.570 ng
RT: 14.87 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BG045492.D
Acq: 28 May 2020 11:32

Tgt Ion:139 Resp: 101083
Ion Ratio Lower Upper
139 100
109 96.6 75.6 115.6
65 96.3 76.8 116.8

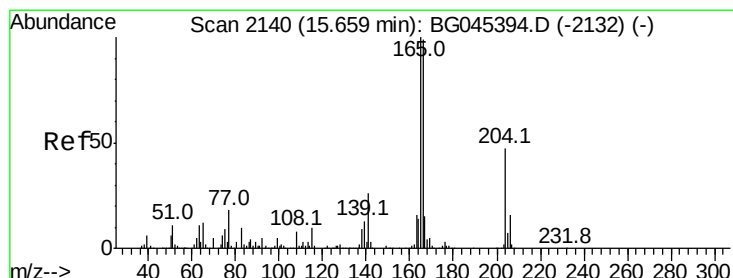
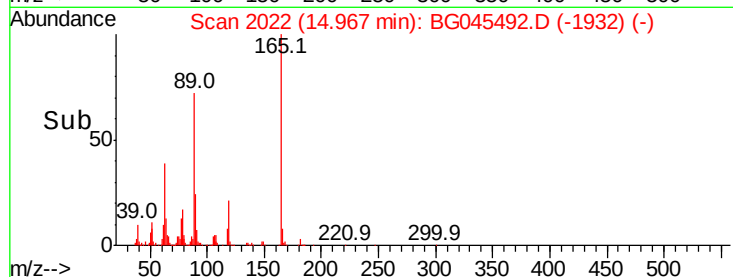
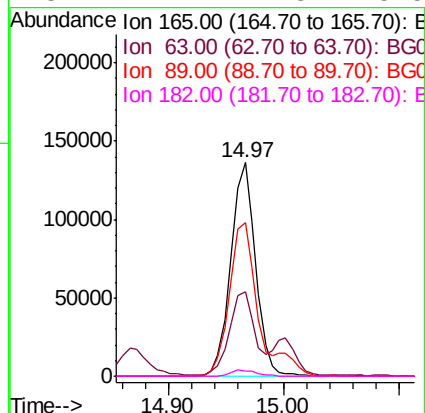
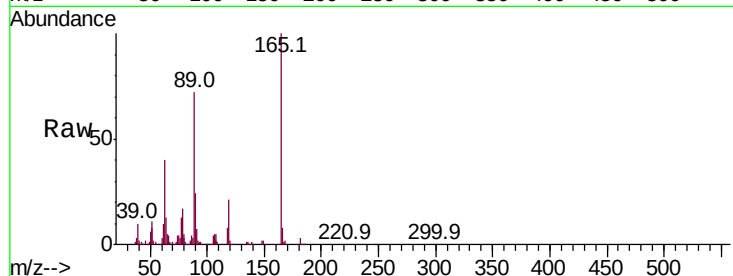




#57
2,4-Dinitrotoluene
Concen: 42.134 ng
RT: 14.97 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BG045492.D
Acq: 28 May 2020 11:32

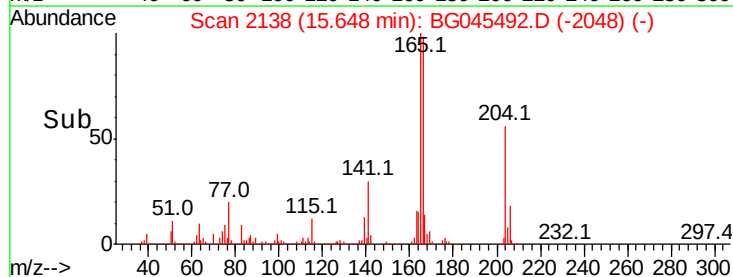
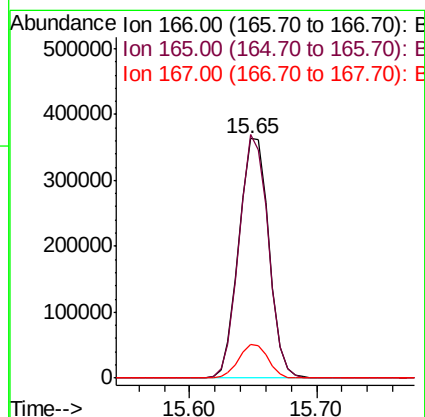
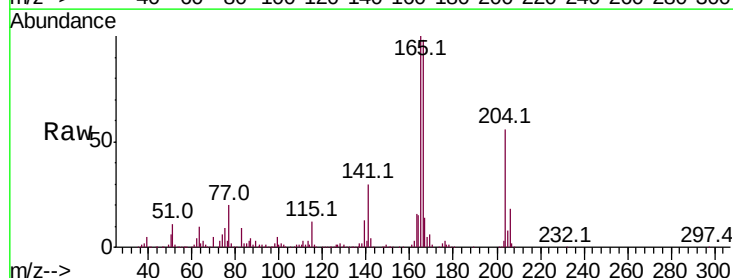
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

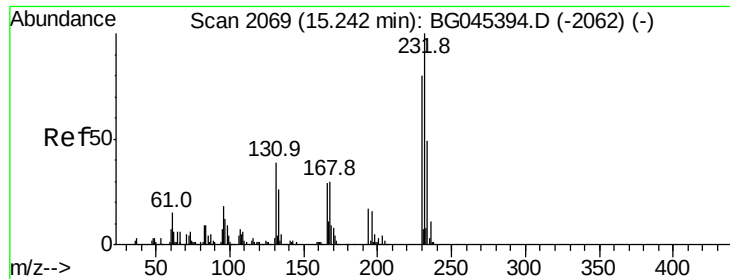
Tot Ion:	165	Resp:	202541
Ion	Ratio	Lower	Upper
165	100		
63	39.6	32.5	48.7
89	71.7	61.8	92.6
182	2.7	2.3	3.5



#58
Fluorene
Concen: 42.554 ng
RT: 15.65 min Scan# 2138
Delta R.T. 0.00 min
Lab File: BG045492.D
Acq: 28 May 2020 11:32

Tgt Ion:	166	Resp:	597221
Ion	Ratio	Lower	Upper
166	100		
165	101.8	80.8	121.2
167	14.4	12.0	18.0

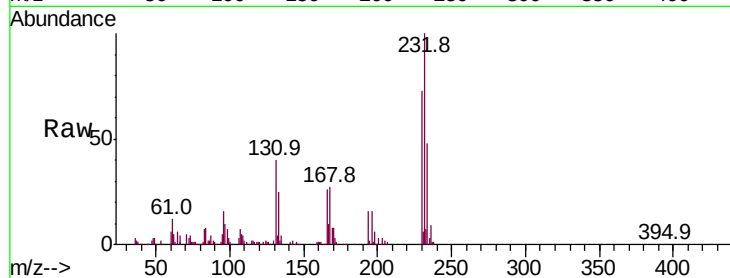




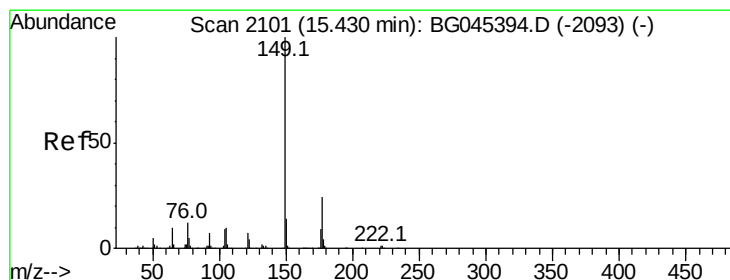
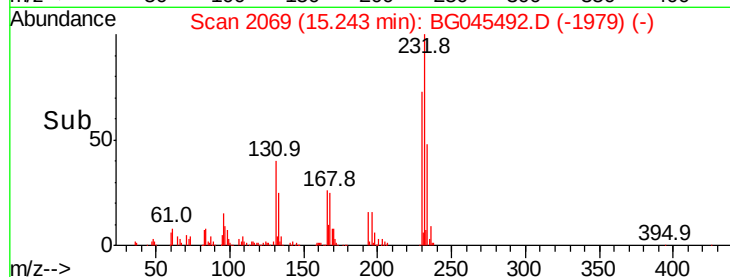
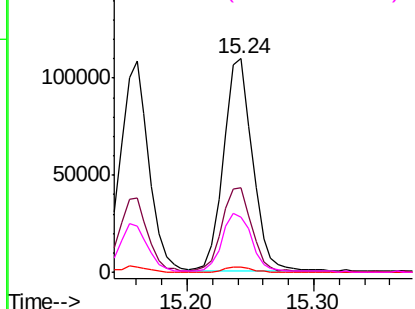
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.516 ng
RT: 15.24 min Scan# 2069
Delta R.T. 0.00 min
Lab File: BG045492.D
Acq: 28 May 2020 11:32

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	232	Resp:	173651
Ion	Ratio	Lower	Upper
232	100		
131	40.5	33.7	50.5
130	2.3	2.1	3.1
166	28.4	23.2	34.8

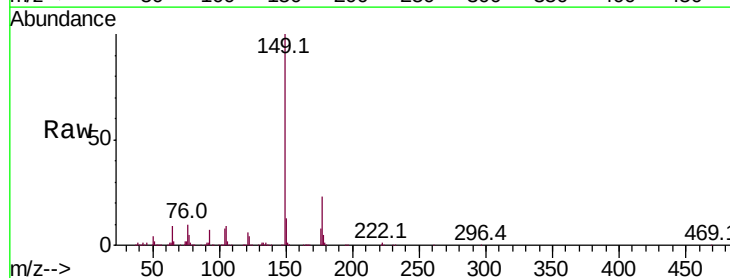


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

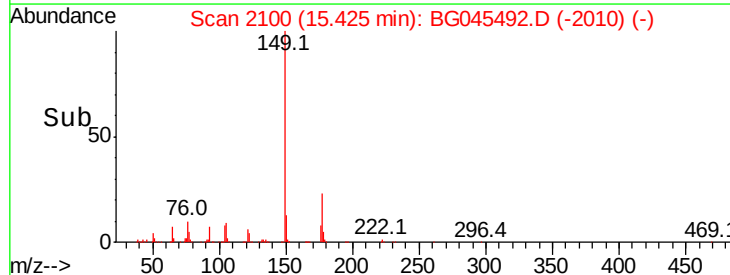
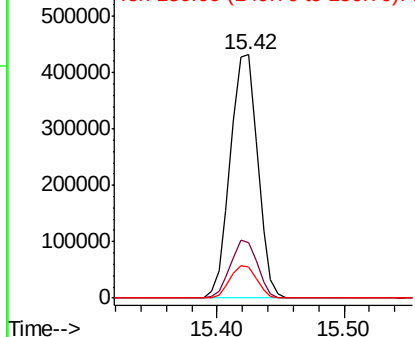


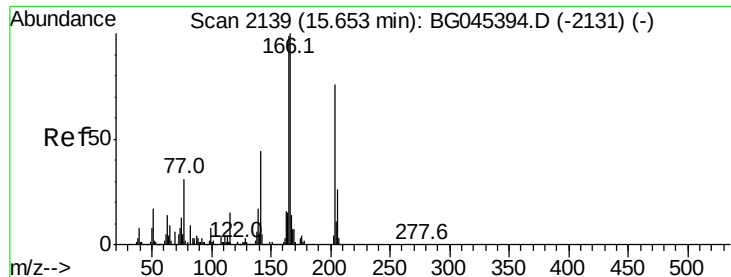
#60
Diethylphthalate
Concen: 42.173 ng
RT: 15.42 min Scan# 2100
Delta R.T. 0.00 min
Lab File: BG045492.D
Acq: 28 May 2020 11:32

Tgt Ion:	149	Resp:	645667
Ion	Ratio	Lower	Upper
149	100		
177	22.9	19.0	28.4
150	12.9	11.4	17.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

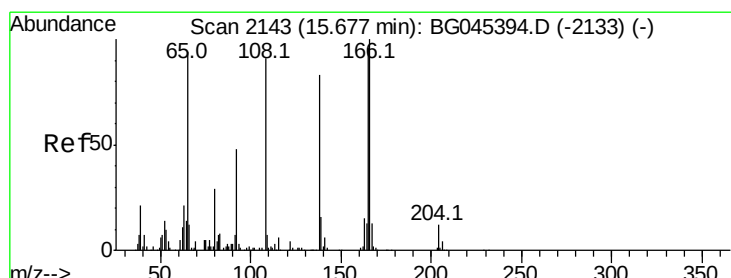
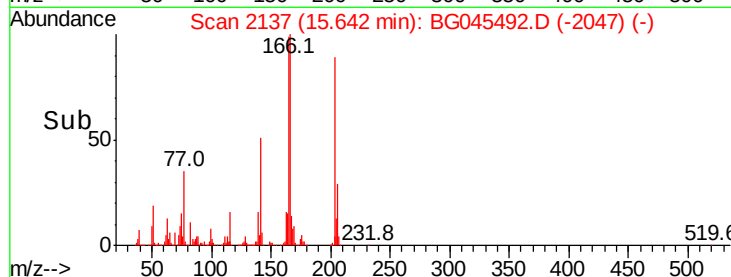
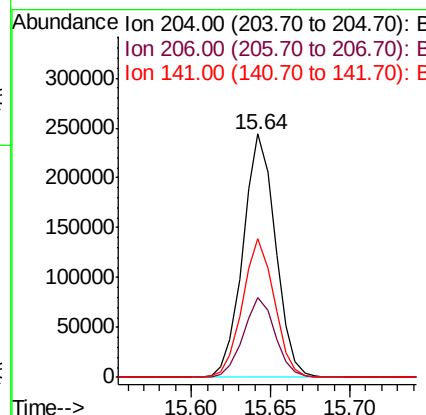
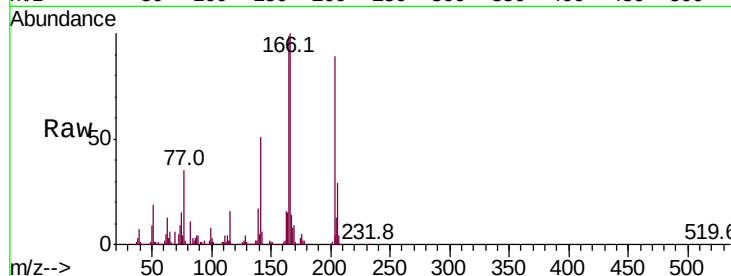




#61
4-Chlorophenyl-phenylether
Concen: 43.142 ng
RT: 15.64 min Scan# 2137
Delta R.T. 0.00 min
Lab File: BG045492.D
Acq: 28 May 2020 11:32

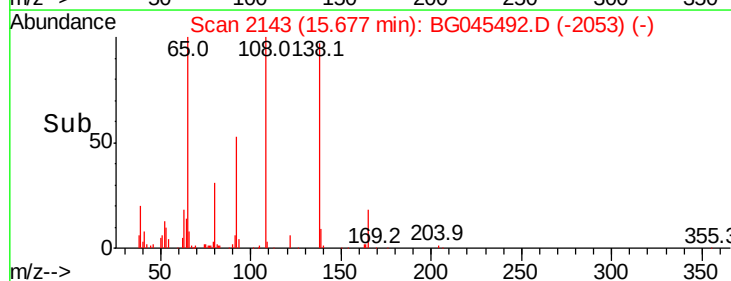
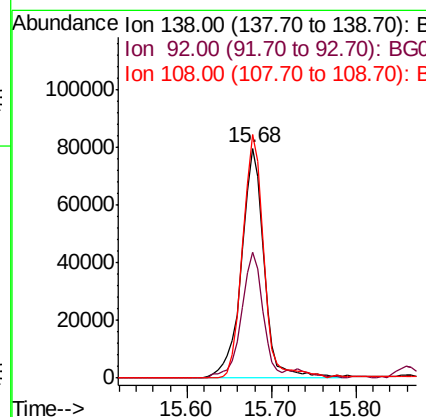
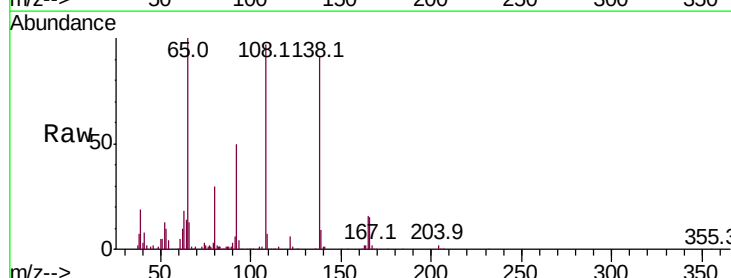
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

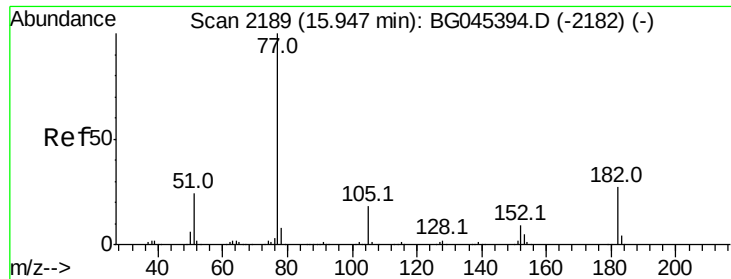
Tot Ion:204 Resp: 346474
Ion Ratio Lower Upper
204 100
206 32.8 27.3 40.9
141 56.7 45.9 68.9



#62
4-Nitroaniline
Concen: 41.581 ng
RT: 15.68 min Scan# 2143
Delta R.T. 0.00 min
Lab File: BG045492.D
Acq: 28 May 2020 11:32

Tgt Ion:138 Resp: 146465
Ion Ratio Lower Upper
138 100
92 54.7 38.0 78.0
108 105.8 89.3 129.3

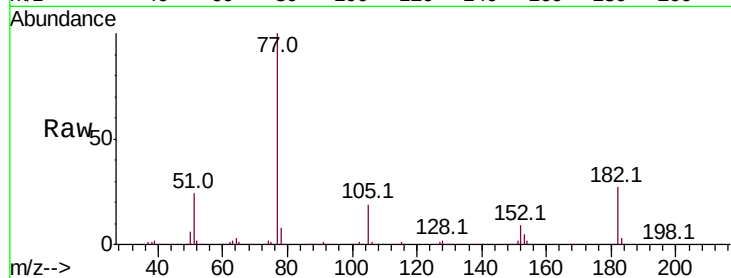




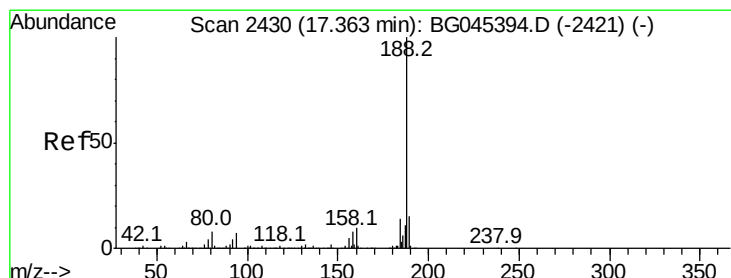
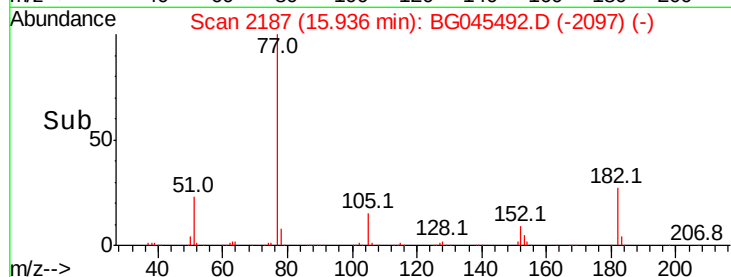
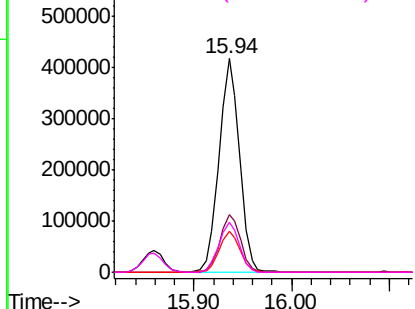
#63
Azobenzene
Concen: 42.040 ng
RT: 15.94 min Scan# 2187
Delta R.T. 0.00 min
Lab File: BG045492.D
Acq: 28 May 2020 11:32

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion: 77 Resp: 600150
Ion Ratio Lower Upper
77 100
182 26.9 6.5 46.5
105 18.9 0.0 37.9
51 23.5 4.1 44.1

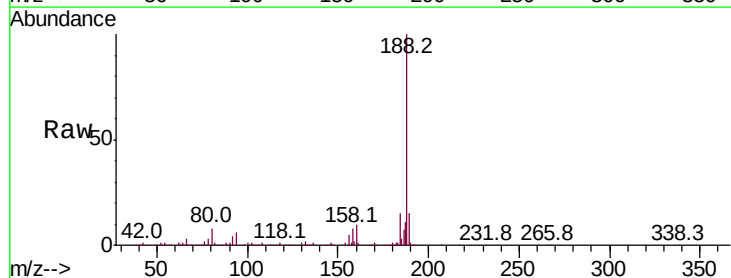


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

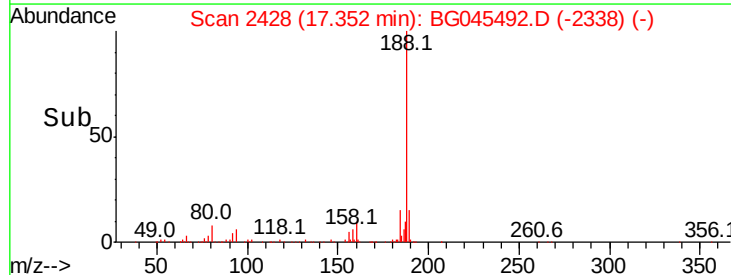
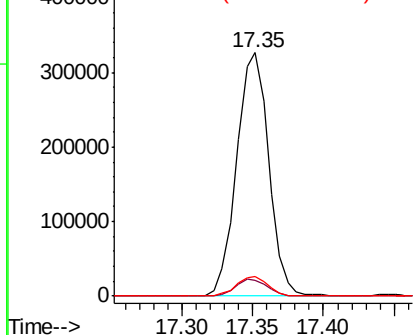


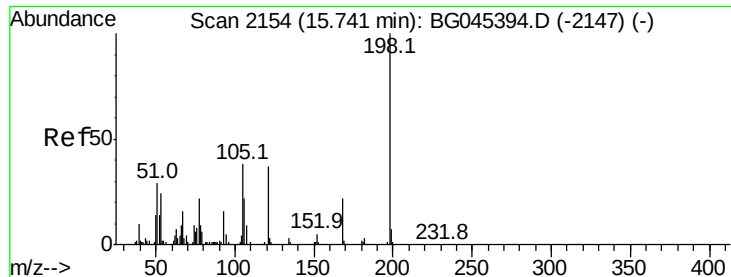
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2428
Delta R.T. 0.00 min
Lab File: BG045492.D
Acq: 28 May 2020 11:32

Tgt Ion: 188 Resp: 518323
Ion Ratio Lower Upper
188 100
94 6.5 5.5 8.3
80 8.1 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

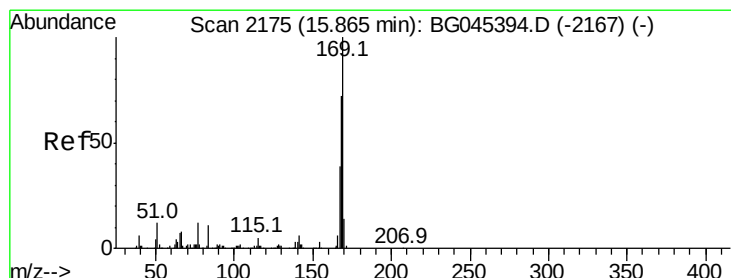
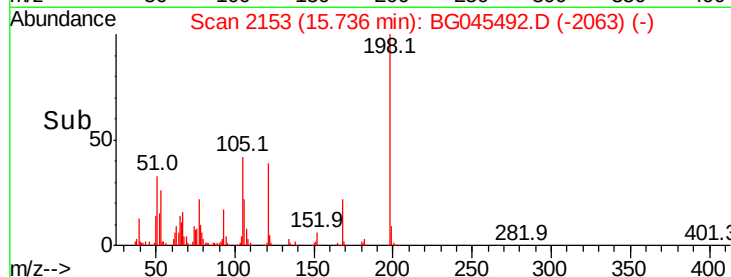
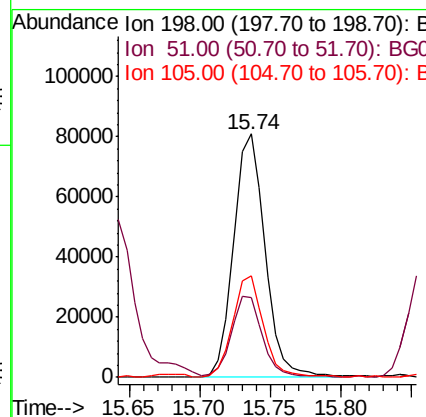
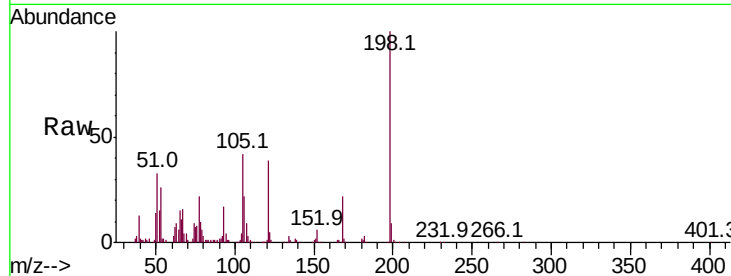




#65
4,6-Dinitro-2-methylphenol
Concen: 41.680 ng
RT: 15.74 min Scan# 2153
Delta R.T. 0.00 min
Lab File: BG045492.D
Acq: 28 May 2020 11:32

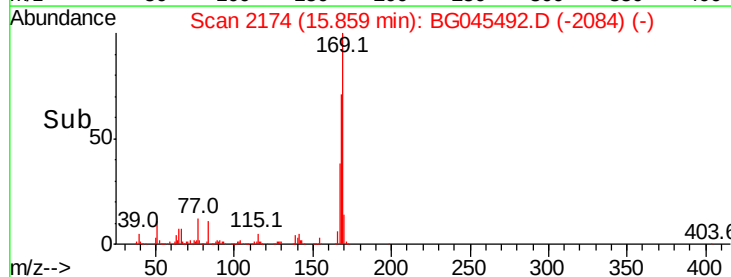
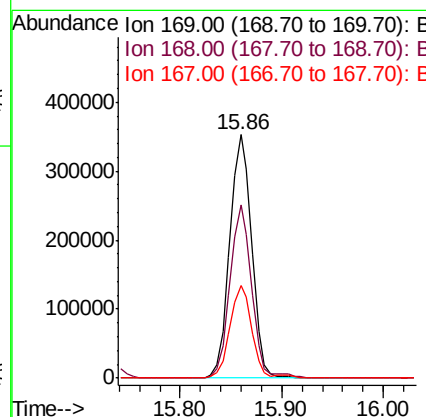
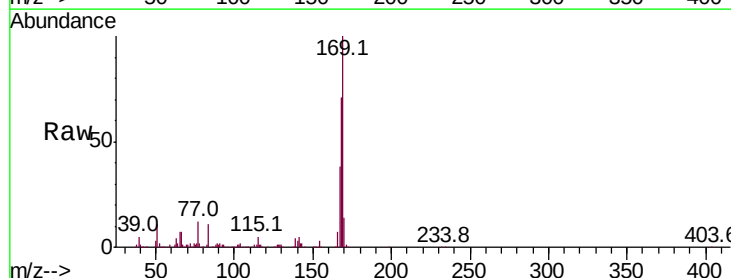
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

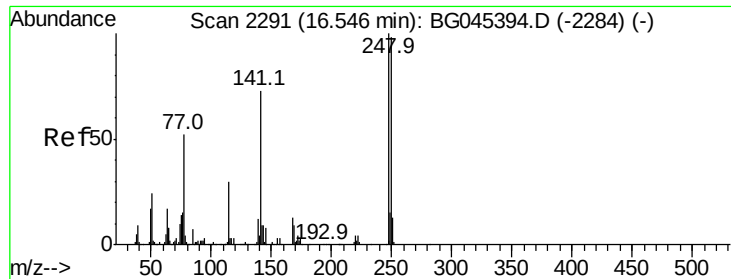
Tot Ion	Ratio	Lower	Upper
198	100		
51	32.7	10.0	50.0
105	41.8	18.9	58.9



#66
n-Nitrosodiphenylamine
Concen: 42.489 ng
RT: 15.86 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BG045492.D
Acq: 28 May 2020 11:32

Tgt Ion	Ratio	Lower	Upper
169	100		
168	71.1	57.8	86.6
167	37.9	31.5	47.3

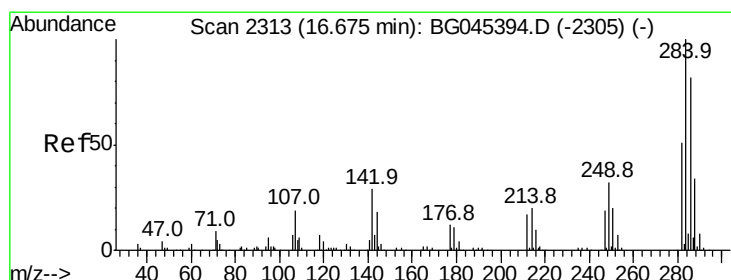
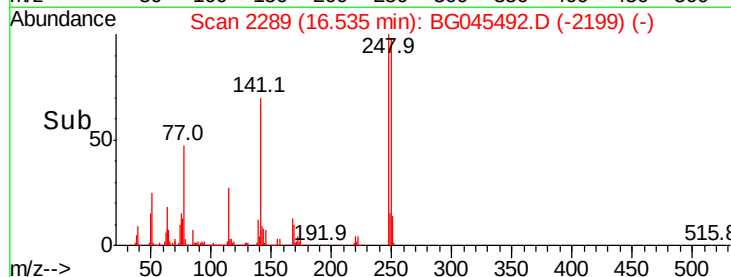
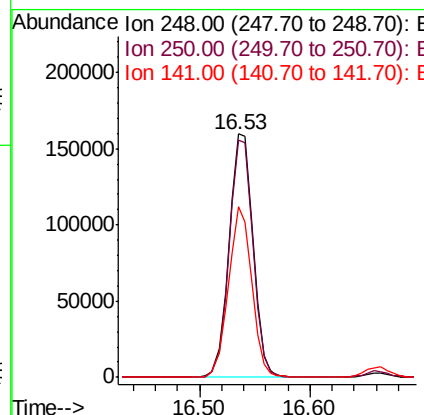
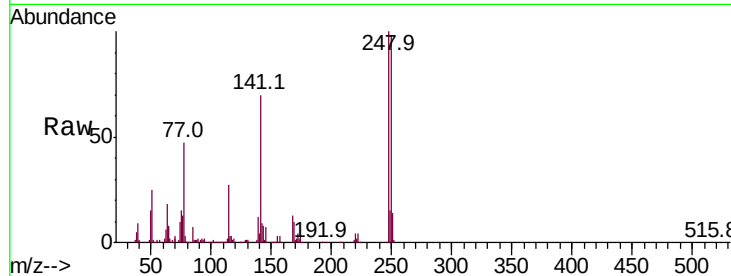




#67
 4-Bromophenyl-phenylether
 Concen: 43.346 ng
 RT: 16.53 min Scan# 2289
 Delta R.T. 0.00 min
 Lab File: BG045492.D
 Acq: 28 May 2020 11:32

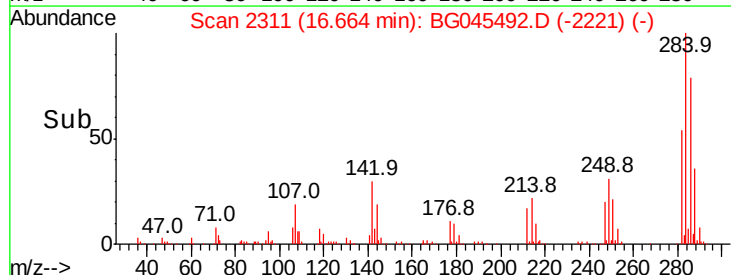
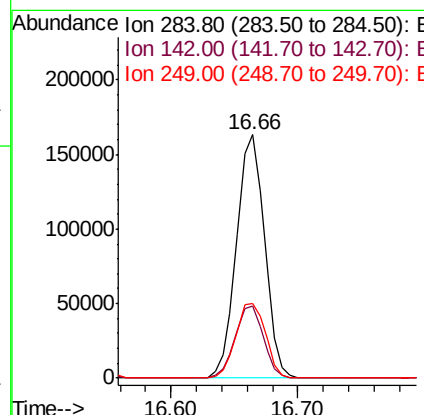
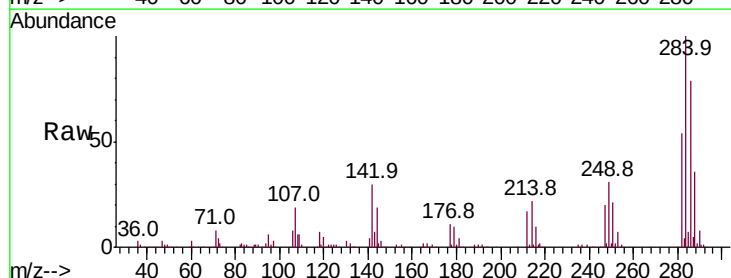
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

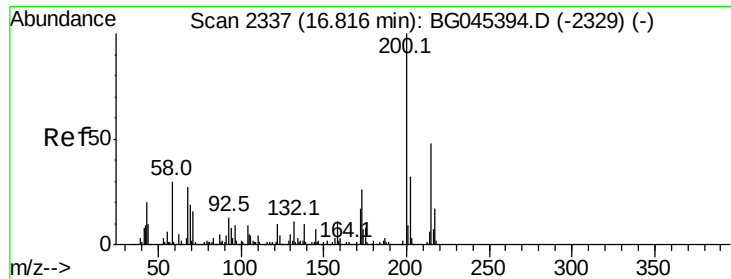
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.7	78.6	117.8
141	70.0	58.2	87.2



#68
 Hexachlorobenzene
 Concen: 42.493 ng
 RT: 16.66 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: BG045492.D
 Acq: 28 May 2020 11:32

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.8	23.0	34.6
249	30.8	25.8	38.6





#69

Atrazine

Concen: 40.101 ng

RT: 16.81 min Scan# 2336

Delta R.T. 0.00 min

Lab File: BG045492.D

Acq: 28 May 2020 11:32

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

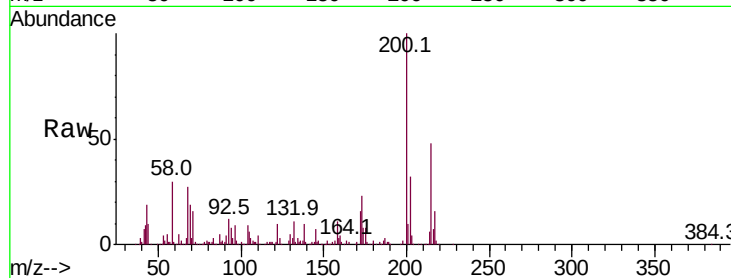
Tot Ion:200 Resp: 205553

Ion Ratio Lower Upper

200 100

173 23.3 5.5 45.5

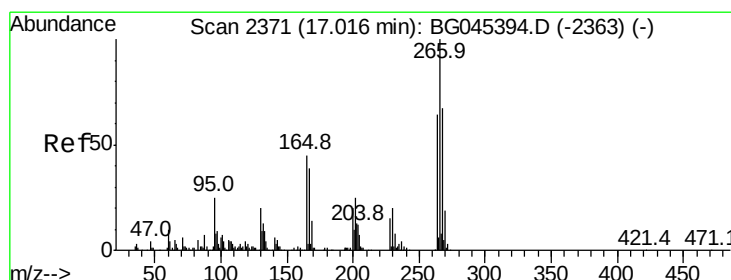
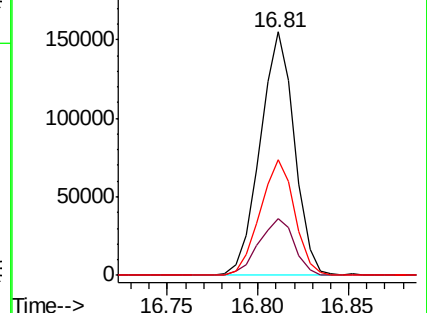
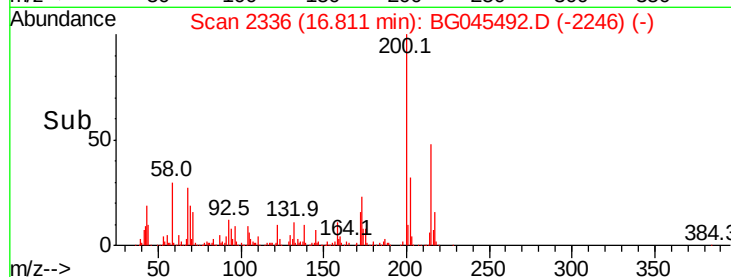
215 47.6 28.2 68.2



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 38.004 ng

RT: 17.01 min Scan# 2370

Delta R.T. 0.00 min

Lab File: BG045492.D

Acq: 28 May 2020 11:32

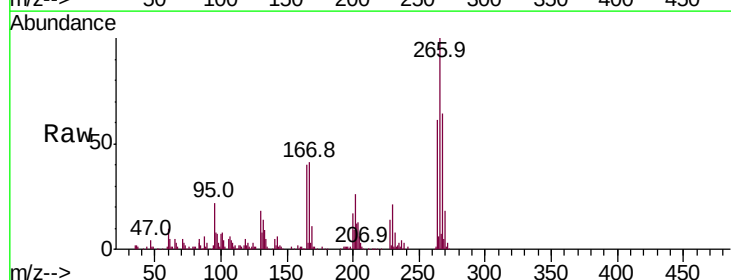
Tgt Ion:266 Resp: 115841

Ion Ratio Lower Upper

266 100

268 64.3 53.2 79.8

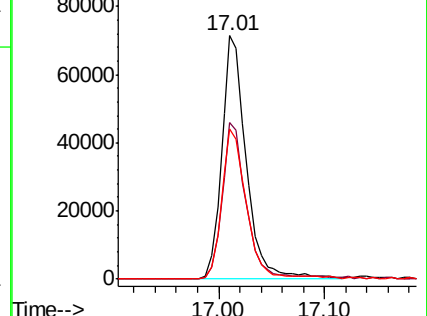
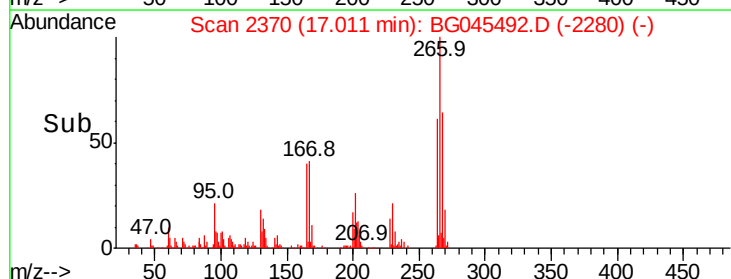
264 61.5 51.0 76.4

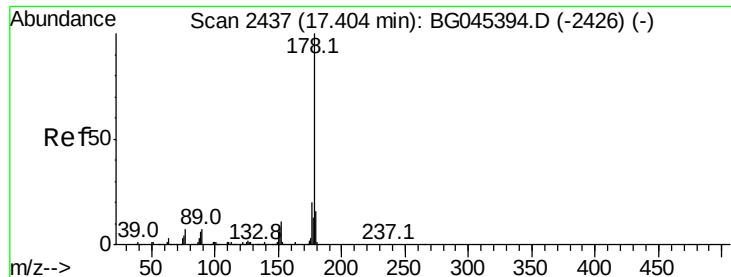


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

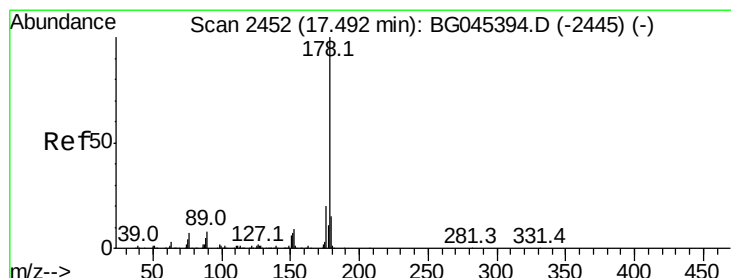
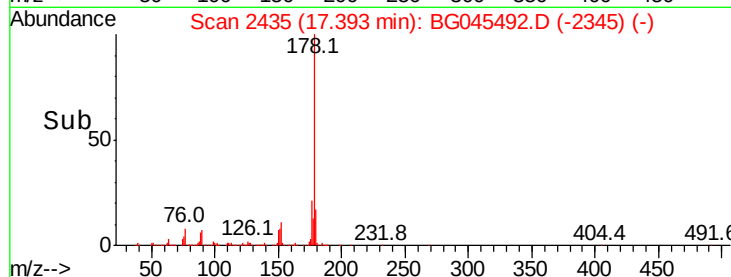
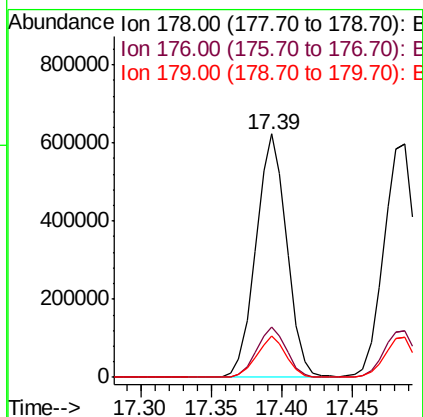
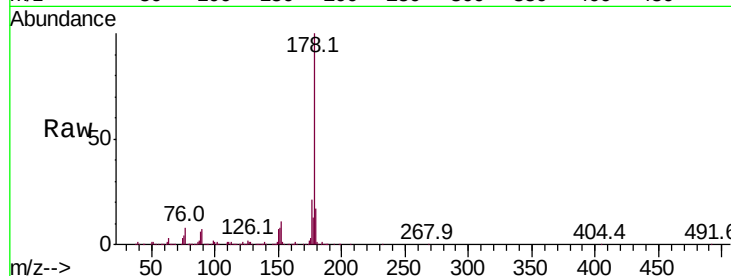




#71
Phenanthrene
Concen: 42.123 ng
RT: 17.39 min Scan# 2435
Delta R.T. 0.00 min
Lab File: BG045492.D
Acq: 28 May 2020 11:32

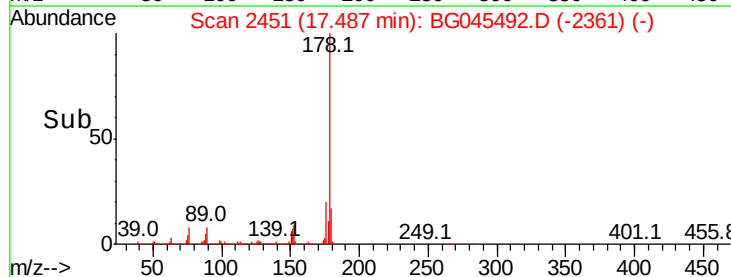
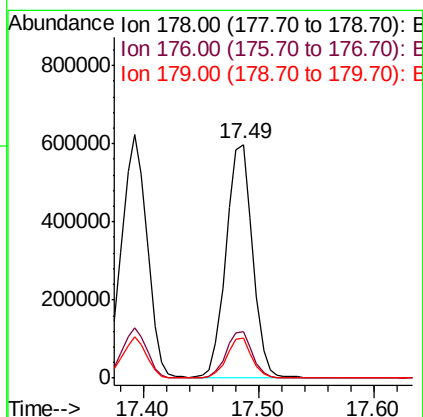
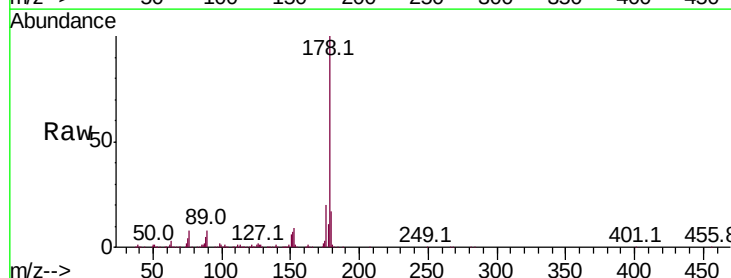
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

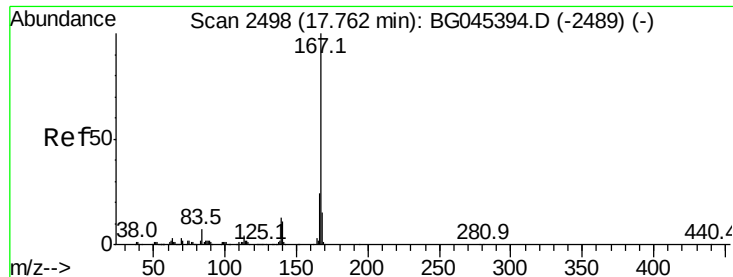
Tot Ion:178 Resp: 953148
Ion Ratio Lower Upper
178 100
176 20.5 16.2 24.4
179 16.8 13.1 19.7



#72
Anthracene
Concen: 41.707 ng
RT: 17.49 min Scan# 2451
Delta R.T. 0.00 min
Lab File: BG045492.D
Acq: 28 May 2020 11:32

Tgt Ion:178 Resp: 947718
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.6
179 17.0 12.2 18.4

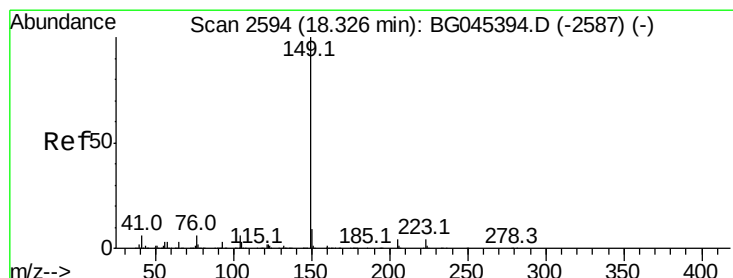
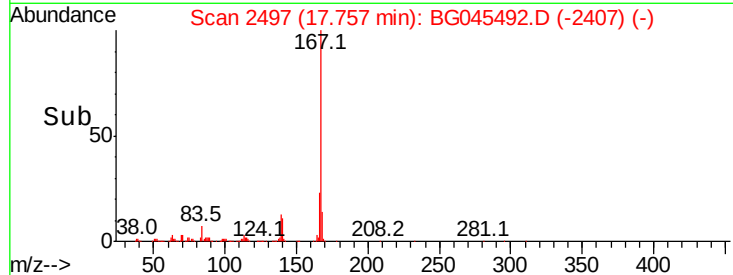
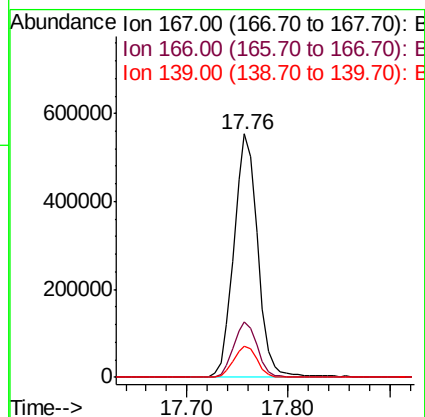
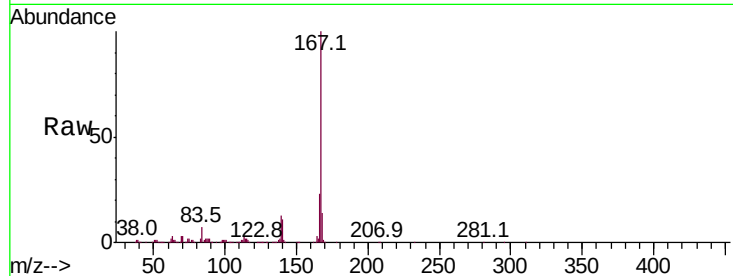




#73
 Carbazole
 Concen: 40.587 ng
 RT: 17.76 min Scan# 2497
 Delta R.T. 0.00 min
 Lab File: BG045492.D
 Acq: 28 May 2020 11:32

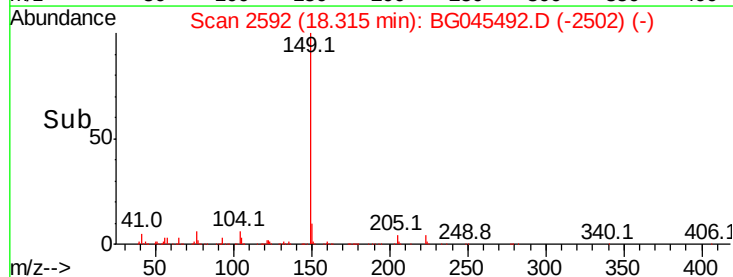
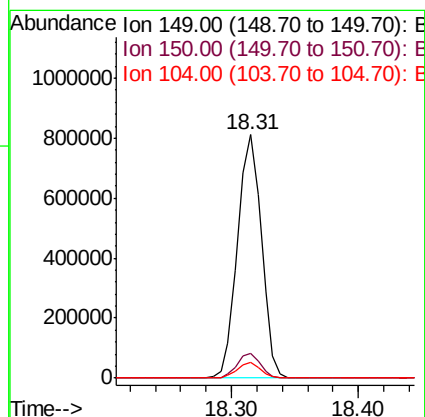
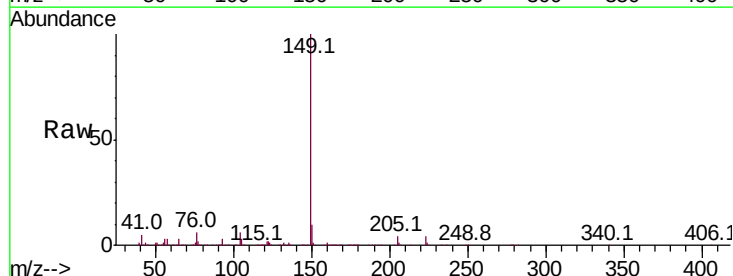
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

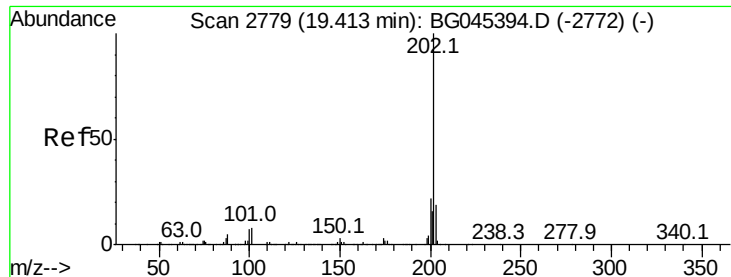
Tot Ion:167 Resp: 899002
 Ion Ratio Lower Upper
 167 100
 166 23.0 19.2 28.8
 139 12.8 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 39.773 ng
 RT: 18.31 min Scan# 2592
 Delta R.T. 0.00 min
 Lab File: BG045492.D
 Acq: 28 May 2020 11:32

Tgt Ion:149 Resp: 1057376
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.6 11.4
 104 6.4 5.0 7.4





#75

Fluoranthene

Concen: 39.291 ng

RT: 19.40 min Scan# 2777

Delta R.T. 0.00 min

Lab File: BG045492.D

Acq: 28 May 2020 11:32

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

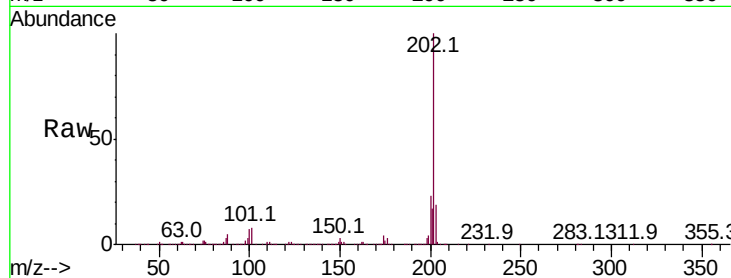
Tot Ion:202 Resp: 1130847

Ion Ratio Lower Upper

202 100

101 8.5 0.0 28.3

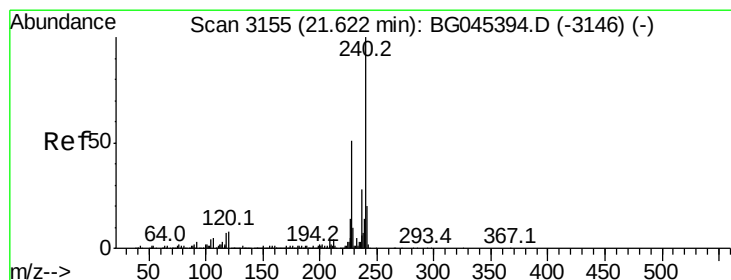
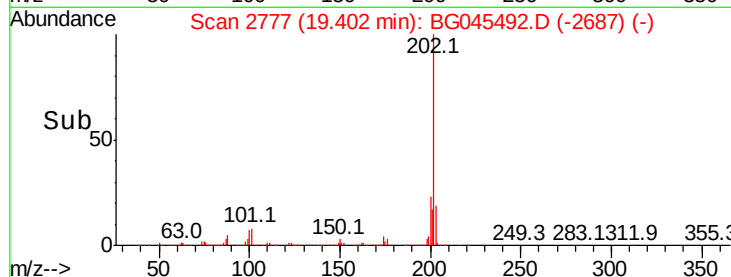
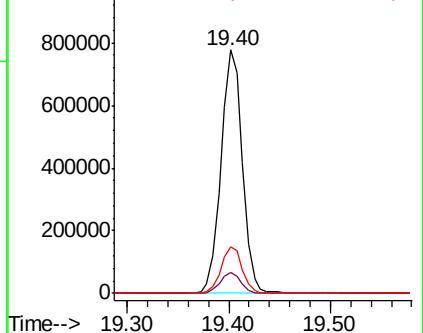
203 19.3 0.0 39.0



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: BG045492.D

Acq: 28 May 2020 11:32

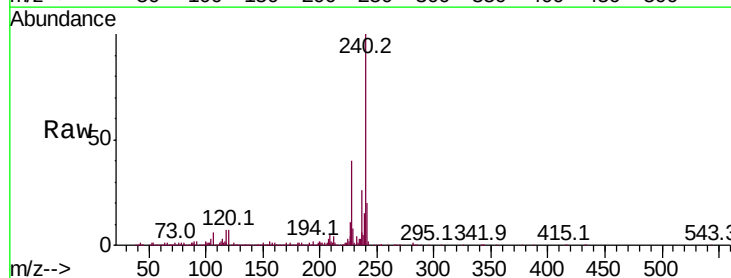
Tgt Ion:240 Resp: 450814

Ion Ratio Lower Upper

240 100

120 7.4 6.1 9.1

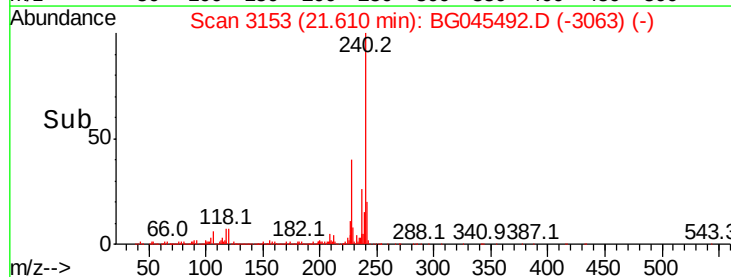
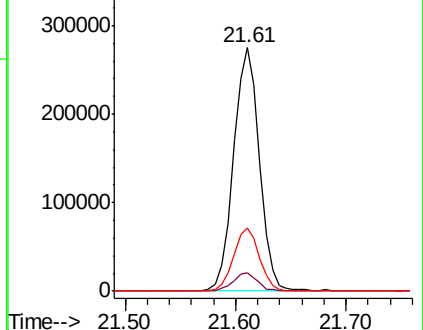
236 25.8 22.3 33.5

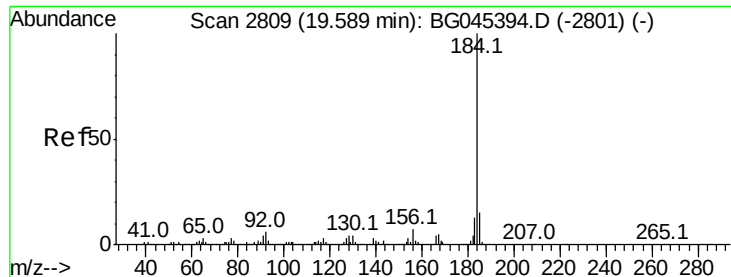


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.086 ng

RT: 19.58 min Scan# 2808

Delta R.T. 0.00 min

Lab File: BG045492.D

Acq: 28 May 2020 11:32

Instrument :

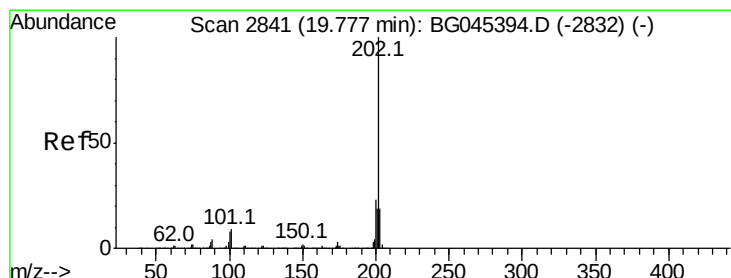
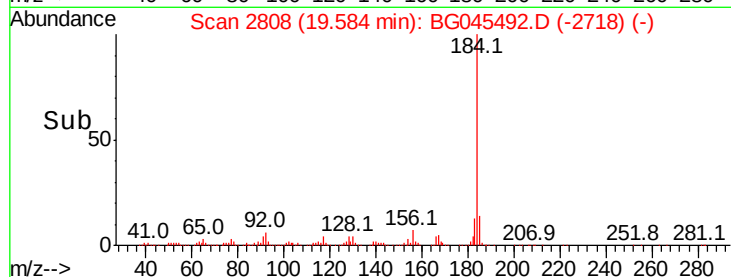
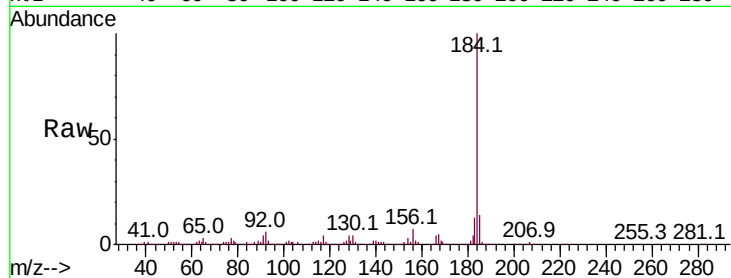
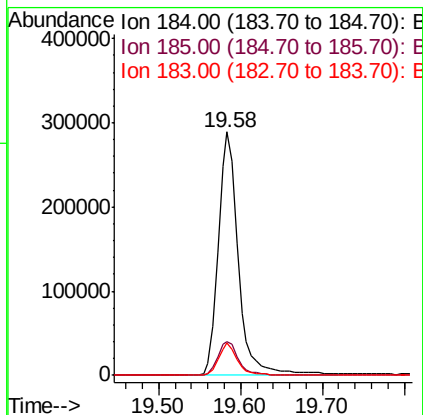
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 494880

Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.7	17.5
183	13.3	10.2	15.4



#78

Pyrene

Concen: 44.205 ng

RT: 19.77 min Scan# 2839

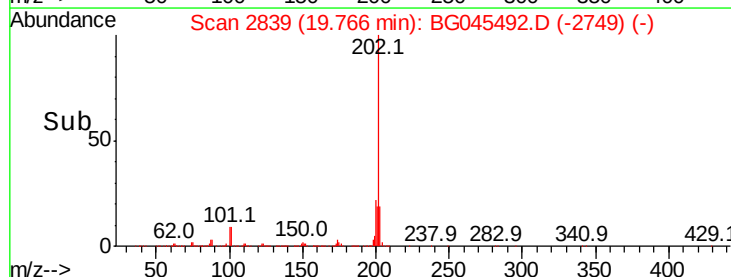
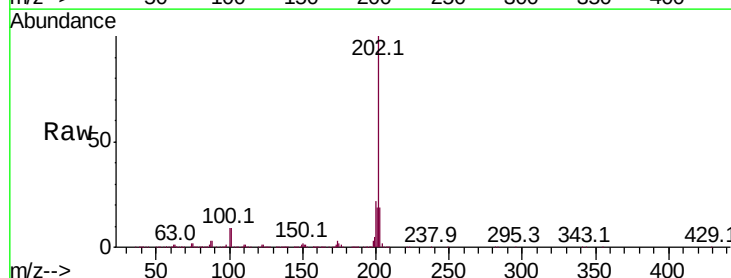
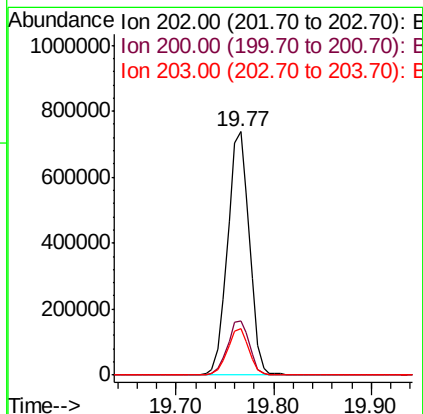
Delta R.T. 0.00 min

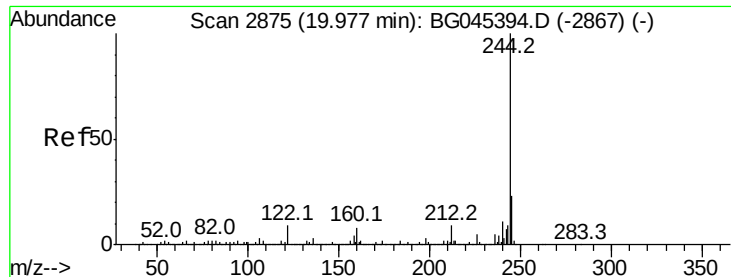
Lab File: BG045492.D

Acq: 28 May 2020 11:32

Tgt Ion:202 Resp: 1135985

Ion	Ratio	Lower	Upper
202	100		
200	22.1	18.2	27.2
203	19.0	15.1	22.7





#79

Terphenyl-d14

Concen: 85.986 ng

RT: 19.97 min Scan# 2873

Delta R.T. 0.00 min

Lab File: BG045492.D

Acq: 28 May 2020 11:32

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

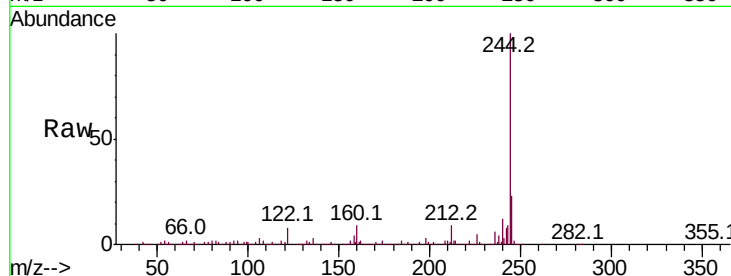
Tot Ion:244 Resp: 1662038

Ion Ratio Lower Upper

244 100

212 9.0 7.4 11.0

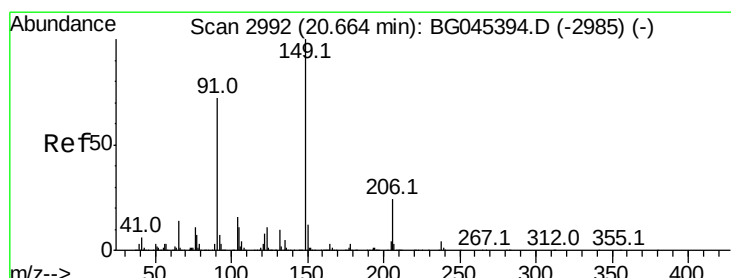
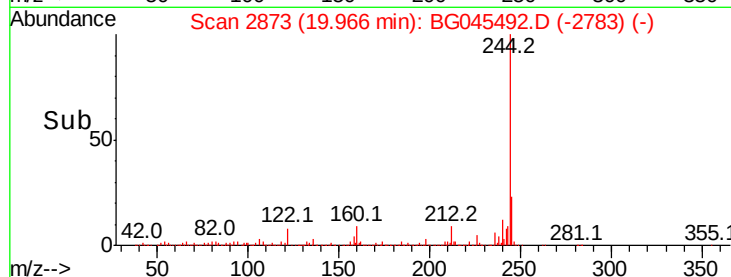
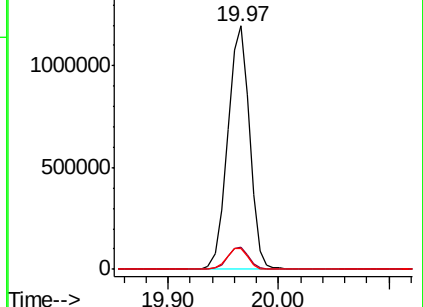
122 8.4 6.8 10.2



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: 41.561 ng

RT: 20.65 min Scan# 2990

Delta R.T. 0.00 min

Lab File: BG045492.D

Acq: 28 May 2020 11:32

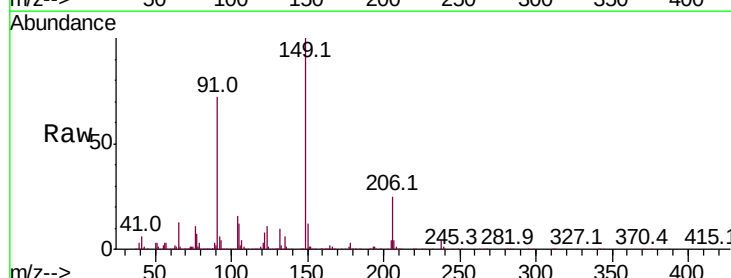
Tgt Ion:149 Resp: 461004

Ion Ratio Lower Upper

149 100

91 72.5 57.8 86.6

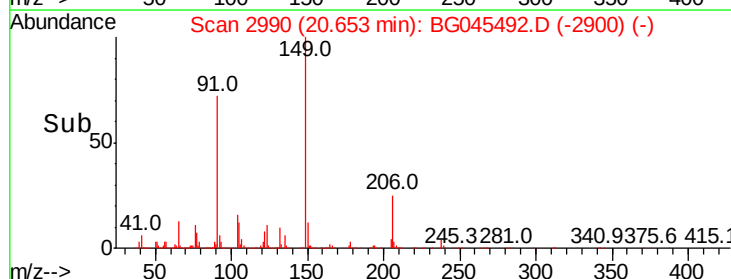
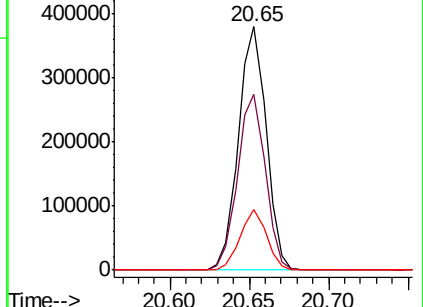
206 25.1 19.1 28.7

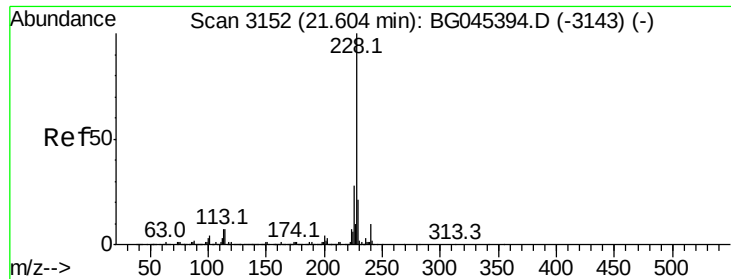


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

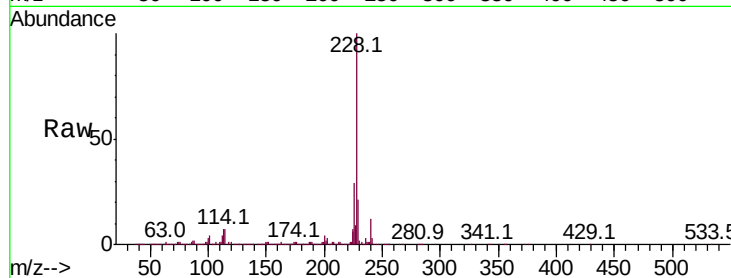




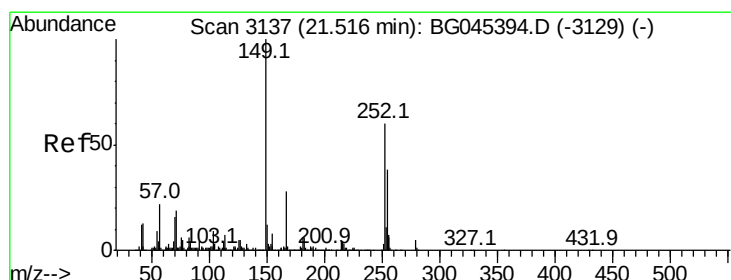
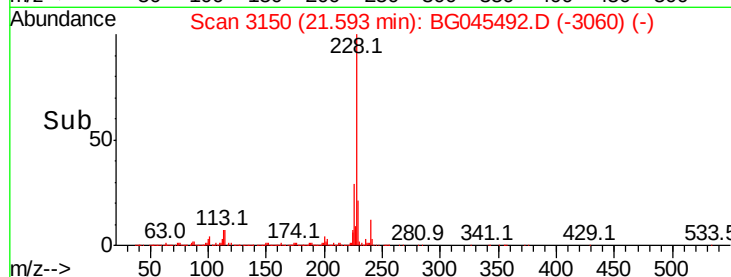
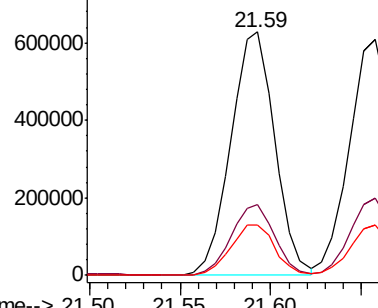
#81
Benzo(a)anthracene
Concen: 42.140 ng
RT: 21.59 min Scan# 3150
Delta R.T. 0.00 min
Lab File: BG045492.D
Acq: 28 May 2020 11:32

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:228 Resp: 1058274
Ion Ratio Lower Upper
228 100
226 28.9 22.7 34.1
229 20.6 16.7 25.1

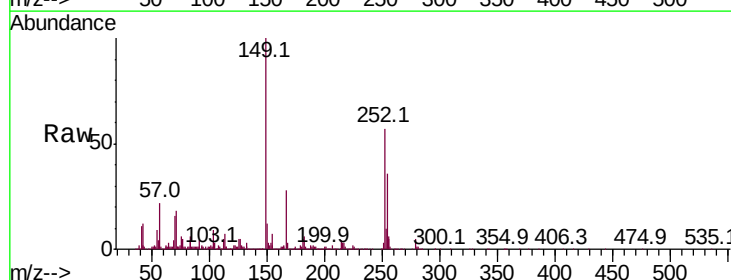


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

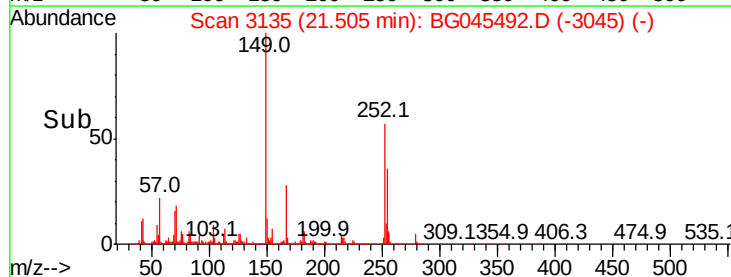
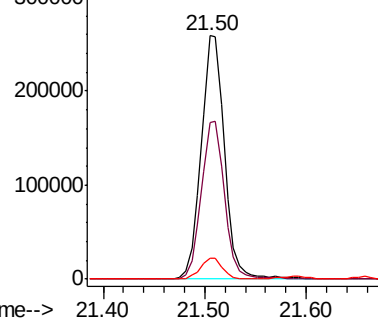


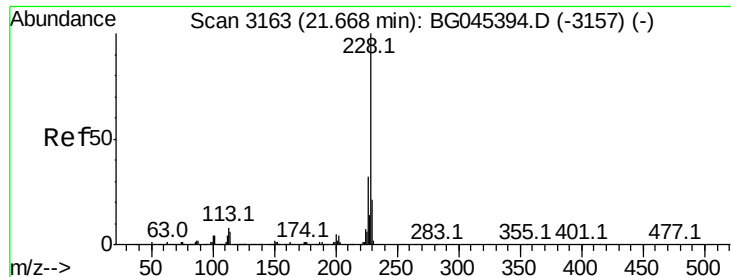
#82
3,3'-Dichlorobenzidine
Concen: 41.990 ng
RT: 21.50 min Scan# 3135
Delta R.T. 0.00 min
Lab File: BG045492.D
Acq: 28 May 2020 11:32

Tgt Ion:252 Resp: 413649
Ion Ratio Lower Upper
252 100
254 64.4 51.3 76.9
126 8.4 6.6 10.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



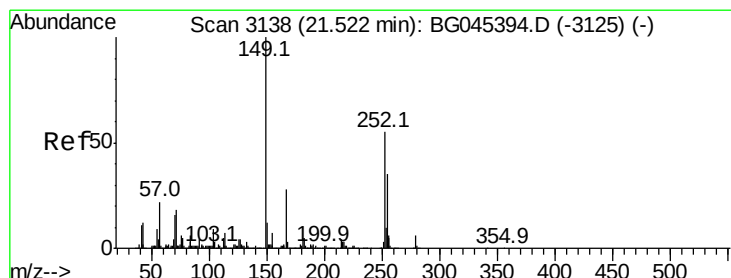
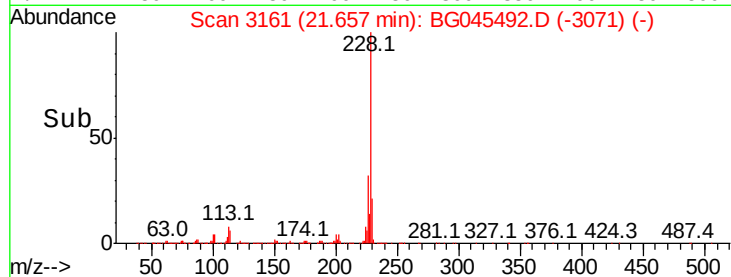
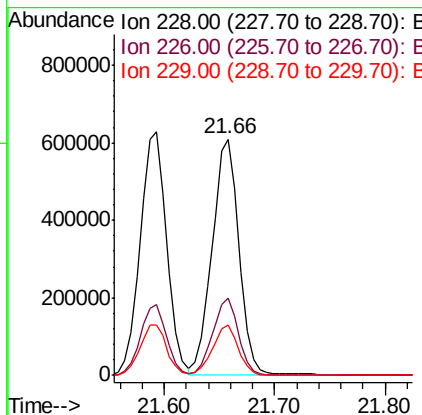
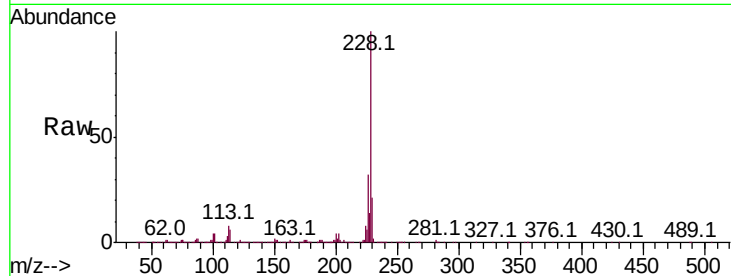


#83
 Chrysene
 Concen: 42.230 ng
 RT: 21.66 min Scan# 3161
 Delta R.T. 0.00 min
 Lab File: BG045492.D
 Acq: 28 May 2020 11:32

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:228 Resp: 1019738

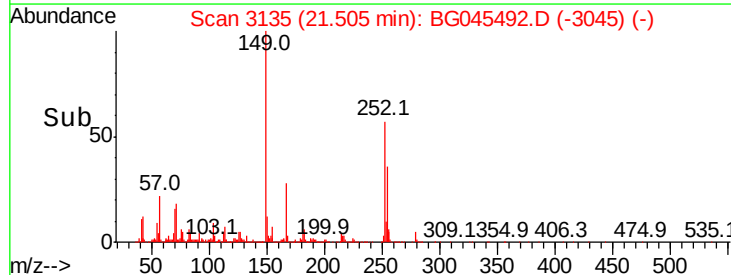
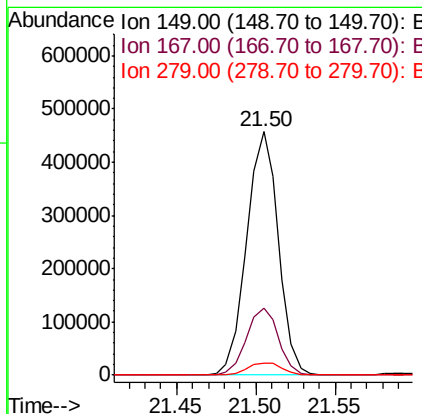
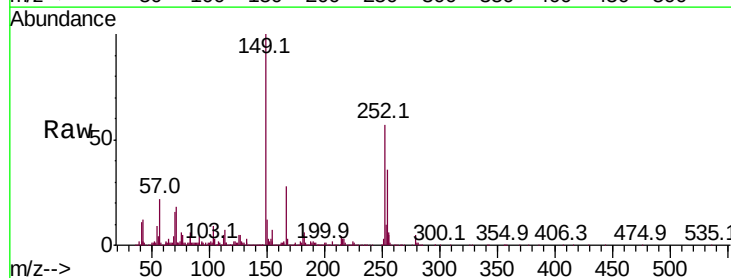
Ion	Ratio	Lower	Upper
228	100		
226	32.5	25.2	37.8
229	21.3	16.7	25.1

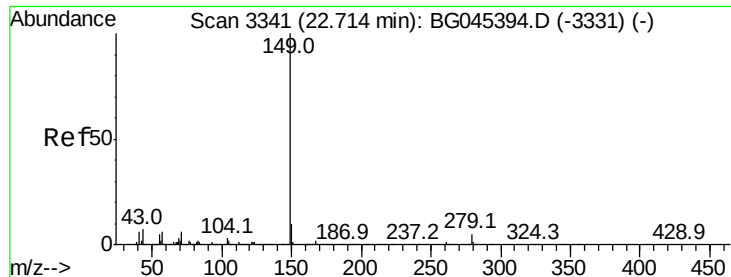


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.511 ng
 RT: 21.50 min Scan# 3135
 Delta R.T. 0.00 min
 Lab File: BG045492.D
 Acq: 28 May 2020 11:32

Tgt Ion:149 Resp: 632951

Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.2	33.2
279	5.1	4.7	7.1





#85

Di-n-octyl phthalate

Concen: 41.158 ng

RT: 22.69 min Scan# 3337

Delta R.T. 0.00 min

Lab File: BG045492.D

Acq: 28 May 2020 11:32

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

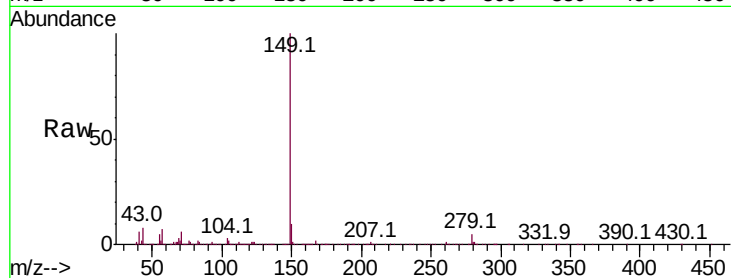
Tot Ion:149 Resp: 1077840

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

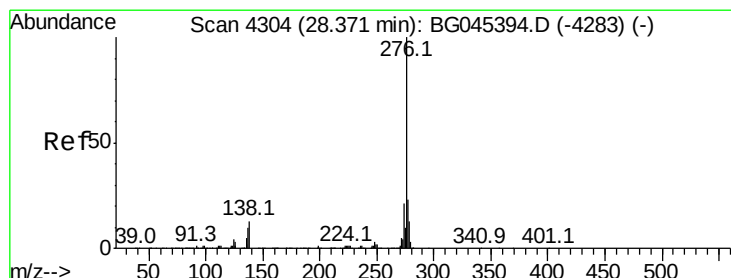
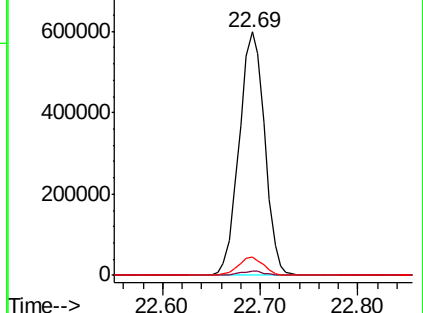
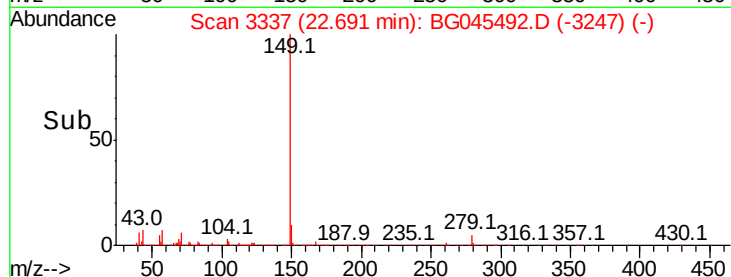
43 7.3 5.8 8.8



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: 41.198 ng

RT: 28.33 min Scan# 4297

Delta R.T. 0.00 min

Lab File: BG045492.D

Acq: 28 May 2020 11:32

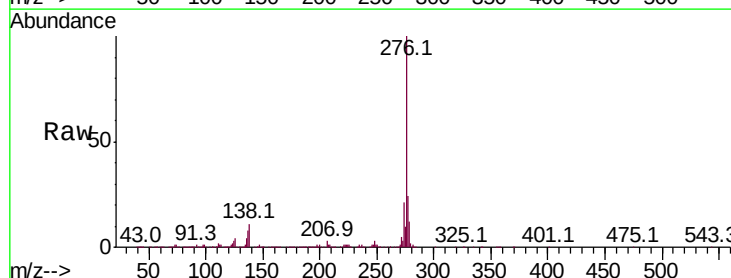
Tgt Ion:276 Resp: 1300903

Ion Ratio Lower Upper

276 100

138 15.3 8.6 12.8#

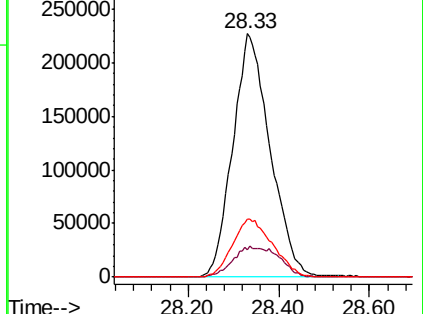
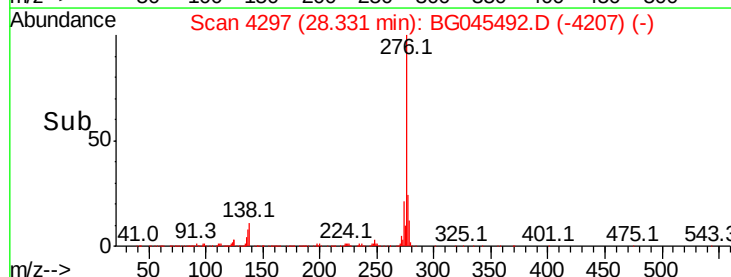
277 25.8 20.2 30.4

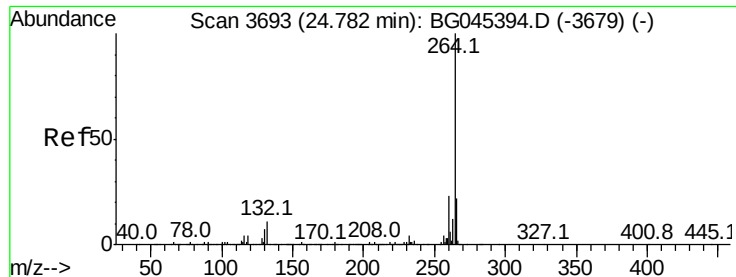


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



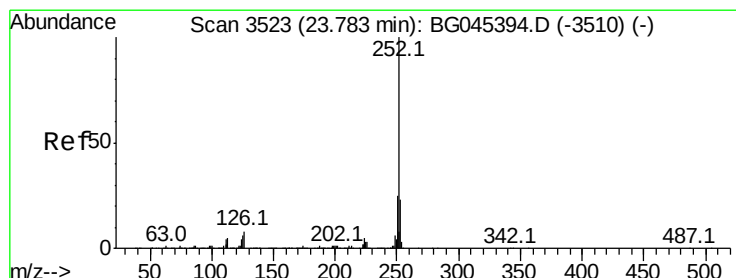
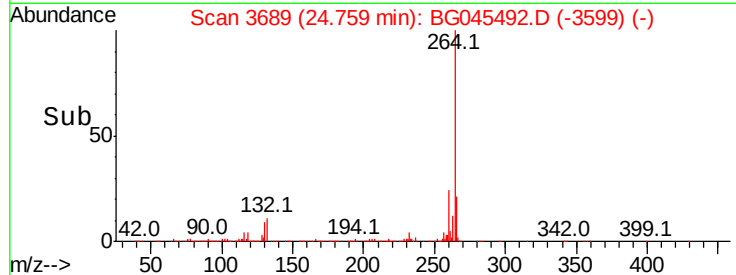
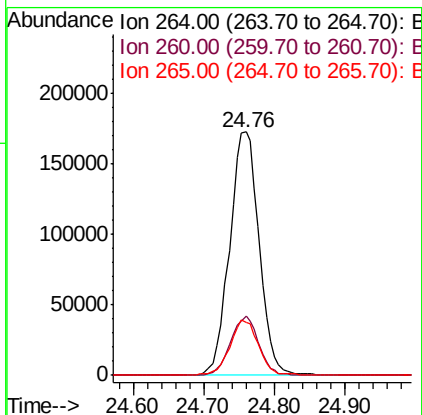
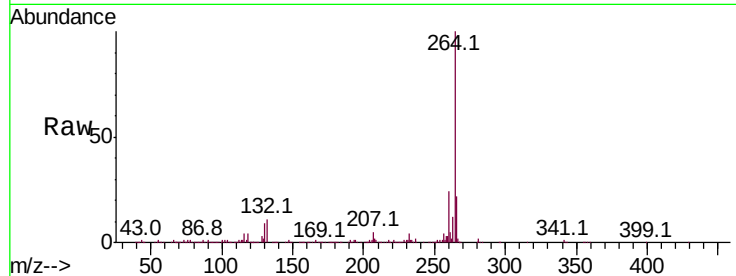


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.76 min Scan# 3689
Delta R.T. 0.00 min
Lab File: BG045492.D
Acq: 28 May 2020 11:32

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:264 Resp: 500342

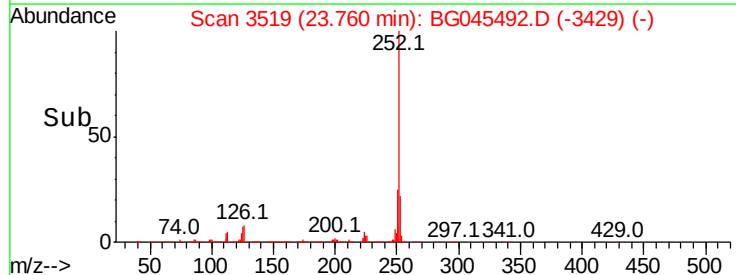
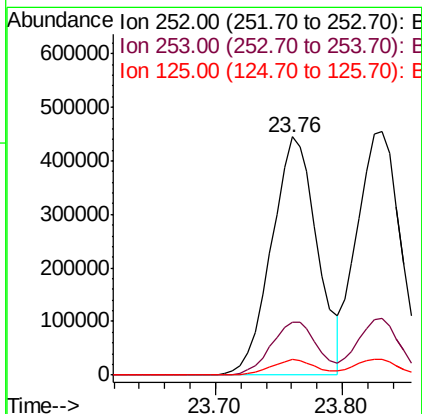
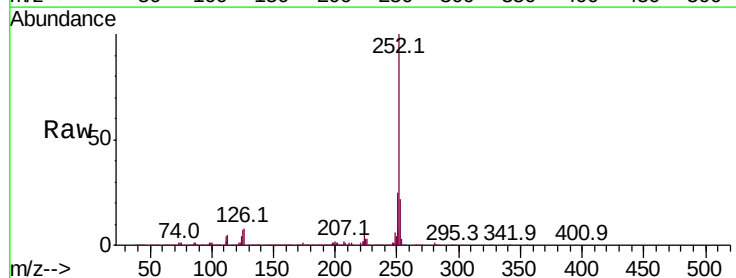
Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.2	27.4
265	21.5	17.6	26.4

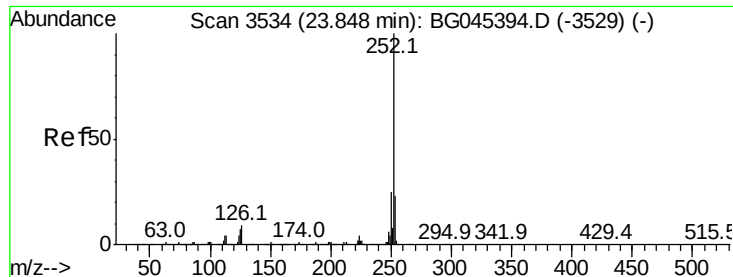


#88
Benzo(b)fluoranthene
Concen: 41.589 ng
RT: 23.76 min Scan# 3519
Delta R.T. 0.00 min
Lab File: BG045492.D
Acq: 28 May 2020 11:32

Tgt Ion:252 Resp: 1115983

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	6.7	5.0	7.6

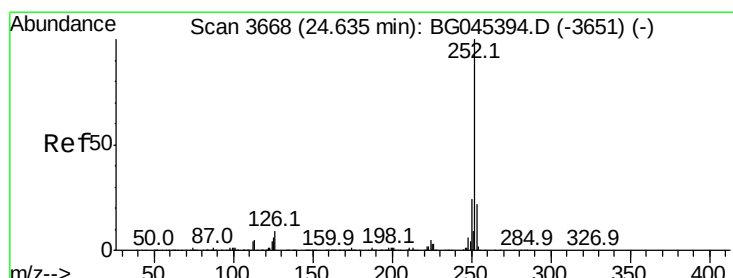
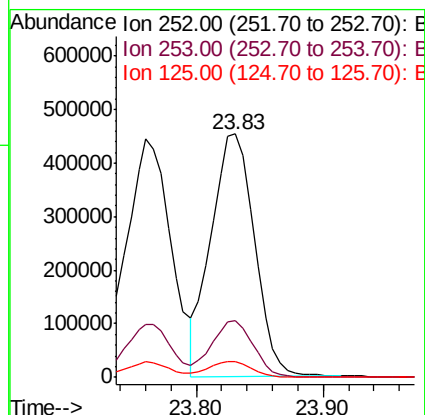
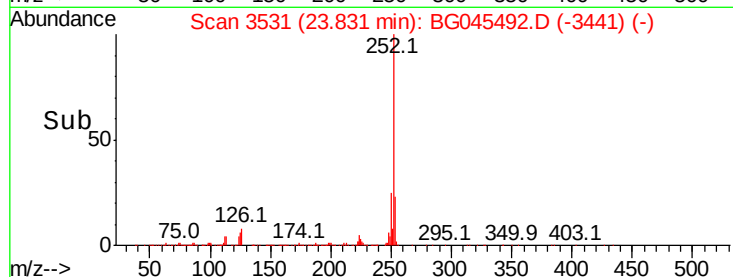
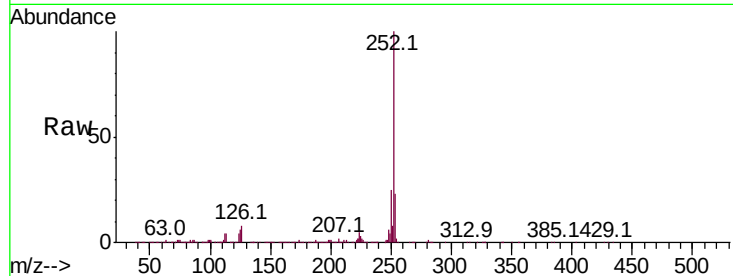




#89
Benzo(k)fluoranthene
Concen: 42.823 ng
RT: 23.83 min Scan# 3531
Delta R.T. 0.00 min
Lab File: BG045492.D
Acq: 28 May 2020 11:32

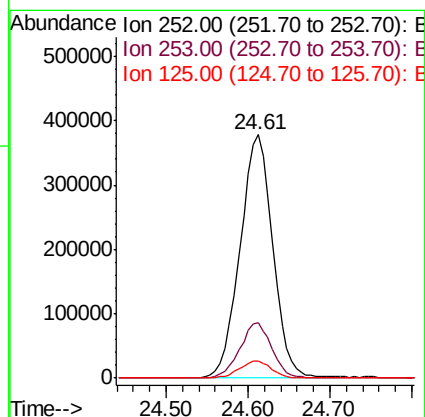
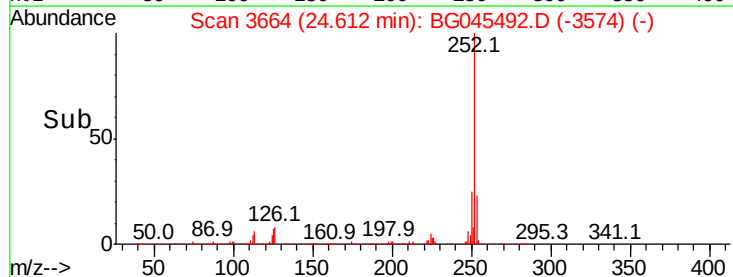
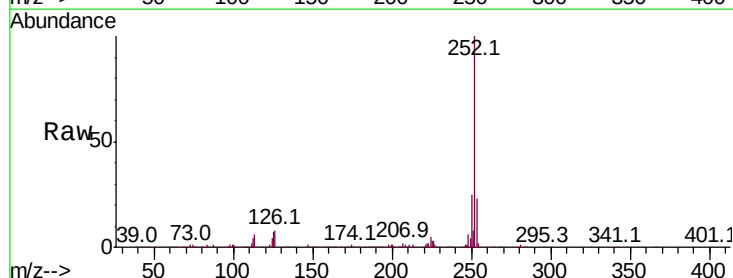
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

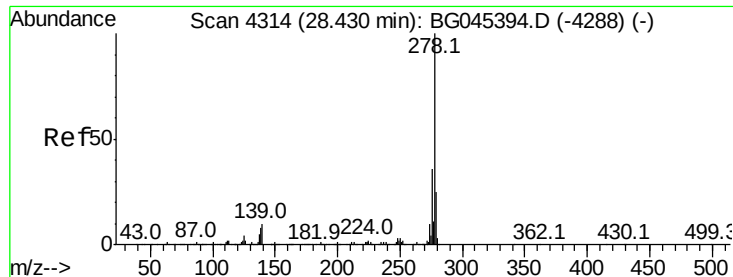
Tot Ion:252 Resp: 1079584
Ion Ratio Lower Upper
252 100
253 23.1 18.4 27.6
125 6.5 5.7 8.5



#90
Benzo(a)pyrene
Concen: 42.150 ng
RT: 24.61 min Scan# 3664
Delta R.T. 0.00 min
Lab File: BG045492.D
Acq: 28 May 2020 11:32

Tgt Ion:252 Resp: 1053383
Ion Ratio Lower Upper
252 100
253 22.7 17.2 25.8
125 7.0 5.0 7.6





#91

Dibenzo(a,h)anthracene

Concen: 42.011 ng

RT: 28.39 min Scan# 4307

Delta R.T. 0.00 min

Lab File: BG045492.D

Acq: 28 May 2020 11:32

Instrument :

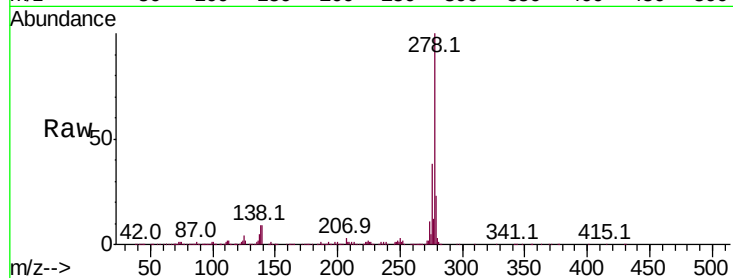
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:278 Resp: 1055048

Ion	Ratio	Lower	Upper
278	100		
139	8.8	7.8	11.8
279	23.2	19.8	29.8

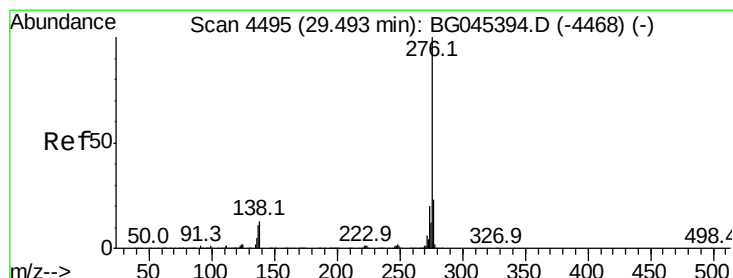
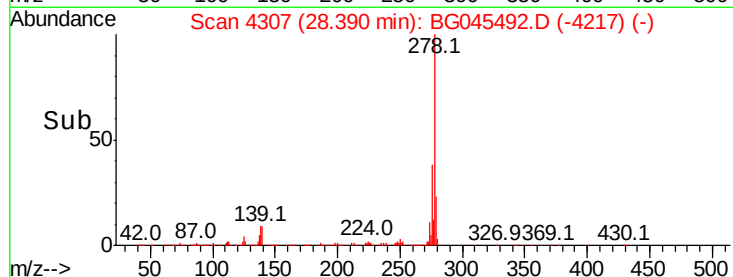
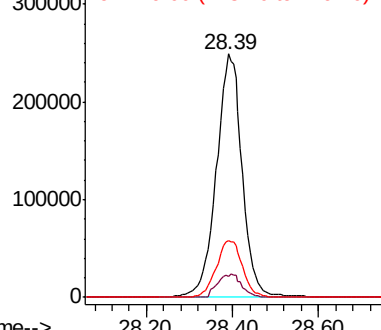


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 41.854 ng

RT: 29.45 min Scan# 4487

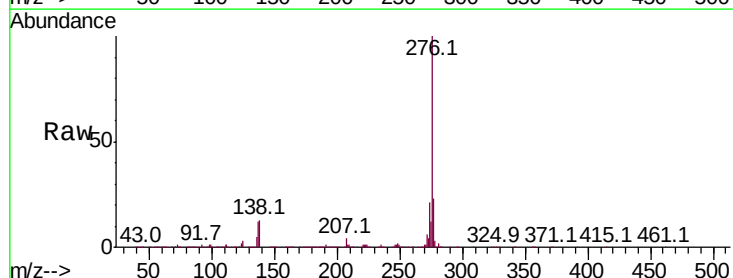
Delta R.T. 0.00 min

Lab File: BG045492.D

Acq: 28 May 2020 11:32

Tgt Ion:276 Resp: 1051231

Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.1	27.1
138	12.9	10.2	15.4



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

