

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

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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mohammad
 6/1/2020 12:22:59 PM

Quant Time: May 31 23:17:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 11:17:45 2020
 Response via : Initial Calibration

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

System Monitoring Compounds

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

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.40	88	87033	40.51	ng	99
3) Pyridine	3.80	79	251445	42.02	ng	97
4) n-Nitrosodimethylamine	3.72	42	85160	43.49	ng	93
6) Aniline	7.28	93	344698	42.82	ng	96
8) 2-Chlorophenol	7.53	128	204966	43.14	ng	97
9) Benzaldehyde	7.08	77	165734	41.25	ng	95
10) Phenol	7.18	94	281450	44.28	ng	99
11) bis(2-Chloroethyl)ether	7.38	93	217011	43.78	ng	99
12) 1,3-Dichlorobenzene	7.84	146	241676	42.33	ng	98
13) 1,4-Dichlorobenzene	7.99	146	241742	42.90	ng	98
14) 1,2-Dichlorobenzene	8.30	146	228585	42.18	ng	97
15) Benzyl Alcohol	8.20	79	230781	45.30	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.48	45	203524	43.25	ng	98
17) 2-Methylphenol	8.42	107	210199	44.19	ng	98
18) Hexachloroethane	9.04	117	91292	42.30	ng	90
19) n-Nitroso-di-n-propylamine	8.76	70	190499	44.67	ng	98
20) 3+4-Methylphenols	8.75	107	288509	44.54	ng	94
22) Acetophenone	8.77	105	347588	40.81	ng	97
24) Nitrobenzene	9.16	77	292310	41.40	ng	98
25) Isophorone	9.69	82	537996	41.45	ng	98
26) 2-Nitrophenol	9.87	139	126956	42.03	ng	95
27) 2,4-Dimethylphenol	9.95	122	190065	42.43	ng	95
28) bis(2-Chloroethoxy)methane	10.17	93	281485	41.36	ng	97
29) 2,4-Dichlorophenol	10.43	162	229942	43.47	ng	98
30) 1,2,4-Trichlorobenzene	10.62	180	261752	41.87	ng	97
31) Naphthalene	10.81	128	695728	41.54	ng	100
32) Benzoic acid	10.14	122	140341	46.47	ng	95
33) 4-Chloroaniline	10.92	127	302528	43.22	ng	98
34) Hexachlorobutadiene	11.10	225	185142	41.90	ng	98
35) Caprolactam	11.71	113	85015m	43.78	ng	
36) 4-Chloro-3-methylphenol	12.08	107	265876	44.60	ng	93
37) 2-Methylnaphthalene	12.42	142	534018	42.78	ng	97
38) 1-Methylnaphthalene	12.64	142	504605	42.80	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	302781	40.36	ng	99

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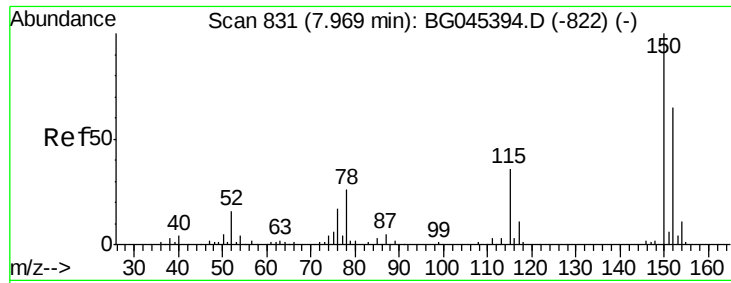
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	141823	32.75	ng	99
43) 2,4,6-Trichlorophenol	13.04	196	213323	40.93	ng	99
44) 2,4,5-Trichlorophenol	13.13	196	236129	39.65	ng	97
46) 1,1'-Biphenyl	13.43	154	669533	40.57	ng	98
47) 2-Chloronaphthalene	13.47	162	543959	40.59	ng	98
48) 2-Nitroaniline	13.68	65	177089	40.17	ng	90
49) Acenaphthylene	14.32	152	876818	40.73	ng	99
50) Dimethylphthalate	14.06	163	723543	39.27	ng	99
51) 2,6-Dinitrotoluene	14.17	165	167529	40.30	ng	99
52) Acenaphthene	14.67	154	584616m	40.57	ng	
53) 3-Nitroaniline	14.51	138	171948	40.68	ng	94
54) 2,4-Dinitrophenol	14.71	184	75979	31.45	ng	99
55) Dibenzofuran	15.00	168	866895	40.51	ng	97
56) 4-Nitrophenol	14.85	139	119079	37.22	ng	92
57) 2,4-Dinitrotoluene	14.97	165	241046	40.03	ng	95
58) Fluorene	15.65	166	717251	40.80	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.24	232	210252	40.13	ng	99
60) Diethylphthalate	15.42	149	757800	39.52	ng	98
61) 4-Chlorophenyl-phenylether	15.64	204	417383	41.49	ng	100
62) 4-Nitroaniline	15.68	138	177499	40.23	ng	98
63) Azobenzene	15.94	77	731816	40.93	ng	98
65) 4,6-Dinitro-2-methylphenol	15.74	198	135473	37.04	ng	98
66) n-Nitrosodiphenylamine	15.86	169	625983	41.52	ng	98
67) 4-Bromophenyl-phenylether	16.53	248	291702	42.90	ng	97
68) Hexachlorobenzene	16.66	284	300526	42.25	ng	99
69) Atrazine	16.81	200	244819	39.42	ng	98
70) Pentachlorophenol	17.01	266	155479	42.10	ng	98
71) Phenanthrene	17.39	178	1125685	41.06	ng	99
72) Anthracene	17.48	178	1145152	41.59	ng	98
73) Carbazole	17.76	167	1092254	40.70	ng	99
74) Di-n-butylphthalate	18.31	149	1275126	39.59	ng	98
75) Fluoranthene	19.40	202	1382772	39.65	ng	99
77) Benzidine	19.58	184	588857	35.92	ng	99
78) Pyrene	19.76	202	1391079	41.80	ng	98
80) Butylbenzylphthalate	20.65	149	593124	41.29	ng	98
81) Benzo(a)anthracene	21.59	228	1354876	41.66	ng	98
82) 3,3'-Dichlorobenzidine	21.50	252	516324	40.48	ng	98
83) Chrysene	21.66	228	1307127	41.80	ng	99
84) Bis(2-ethylhexyl)phthalate	21.50	149	825196	41.79	ng	99
85) Di-n-octyl phthalate	22.69	149	1419000	41.84	ng	100
86) Indeno(1,2,3-cd)pyrene	28.32	276	1765144	43.17	ng	# 60
88) Benzo(b)fluoranthene	23.76	252	1492127	42.05	ng	99
89) Benzo(k)fluoranthene	23.83	252	1401228	42.03	ng	99
90) Benzo(a)pyrene	24.61	252	1404238	42.49	ng	96
91) Dibenzo(a,h)anthracene	28.39	278	1399880	42.15	ng	100
92) Benzo(g,h,i)perylene	29.45	276	1410621	42.47	ng	96

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



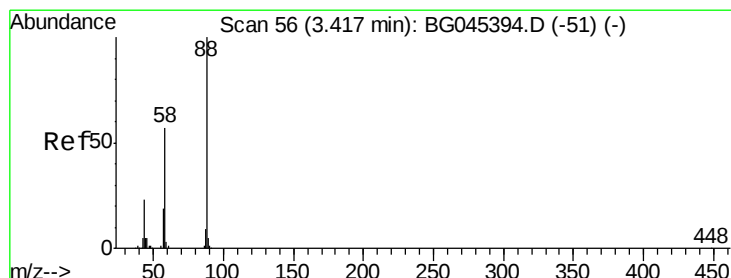
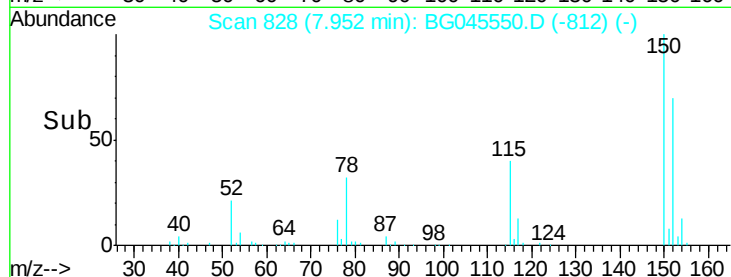
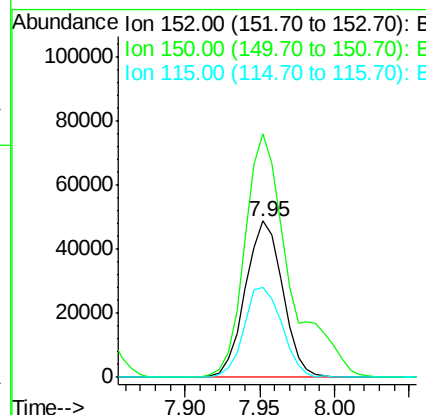
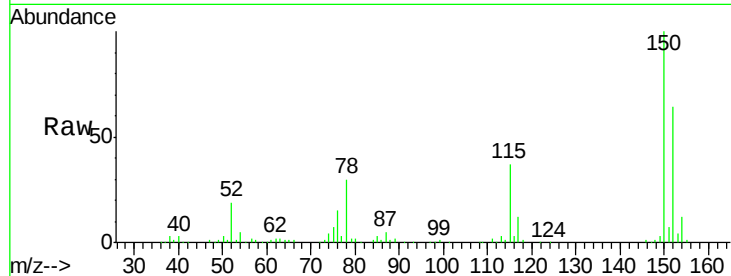
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 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.95 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BG045550.D
 Acq: 30 May 2020 11:22

Instrument :
 BNA_G
 ClientSampleID :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.6	122.4	183.6
115	57.7	44.2	66.4

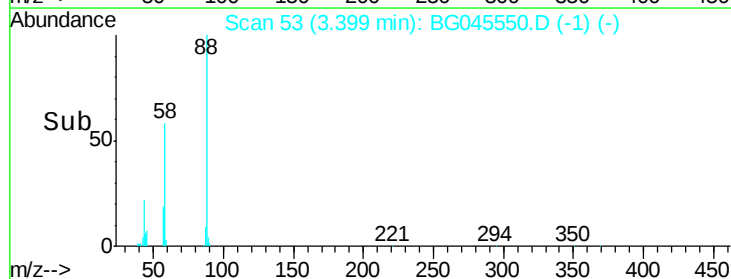
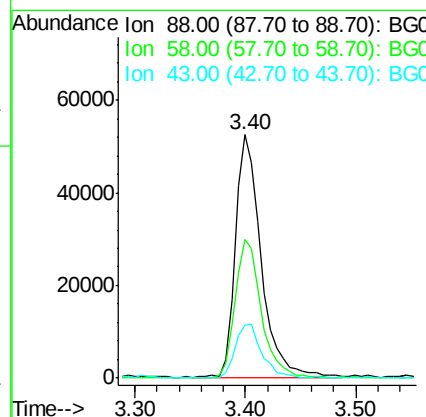
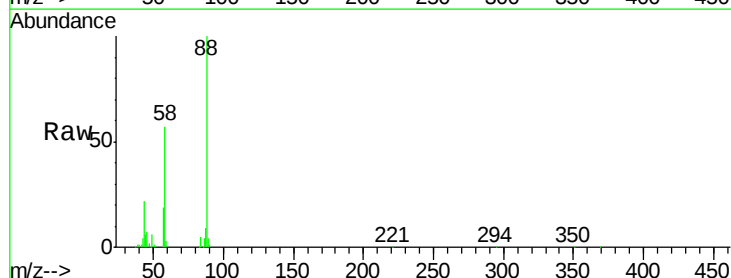
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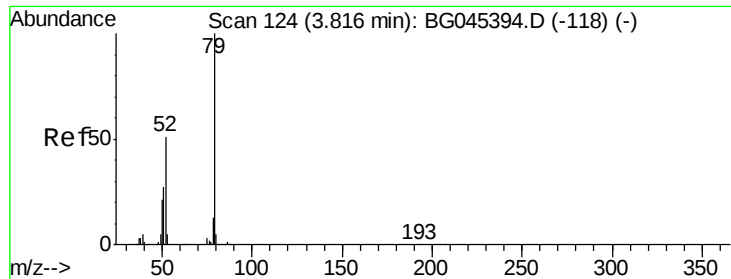
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#2
 1,4-Dioxane
 Concen: 40.51 ng
 RT: 3.40 min Scan# 53
 Delta R.T. -0.01 min
 Lab File: BG045550.D
 Acq: 30 May 2020 11:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	57.5	45.7	68.5
43	22.5	16.8	25.2





#3

Pyridine

Concen: 42.02 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.01 min

Lab File: BG045550.D

Acq: 30 May 2020 11:22

Instrument :

BNA_G

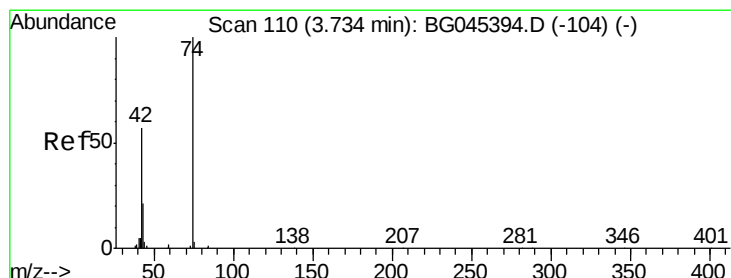
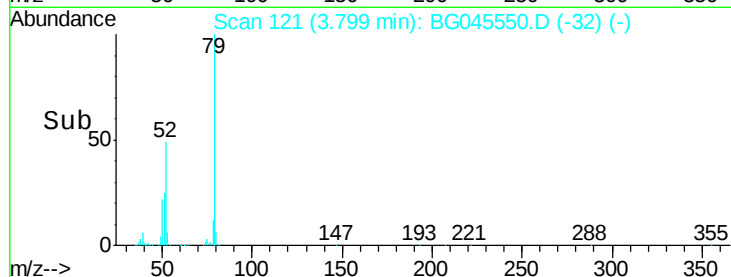
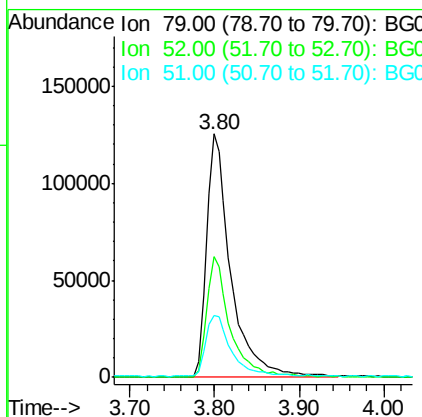
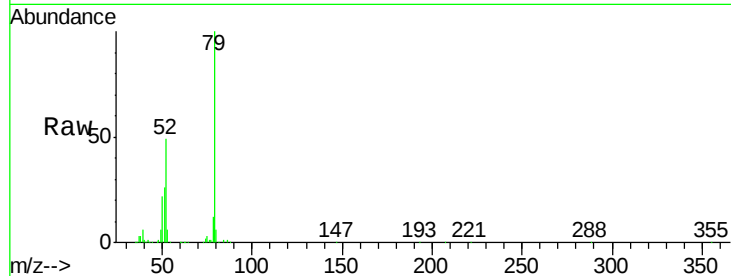
ClientSampleId :

SSTDCCC040

Tgt Ion:	79	Resp:	251445
Ion	Ratio	Lower	Upper
79	100		
52	49.4	40.8	61.2
51	25.6	21.9	32.9

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#4

n-Nitrosodimethylamine

Concen: 43.49 ng

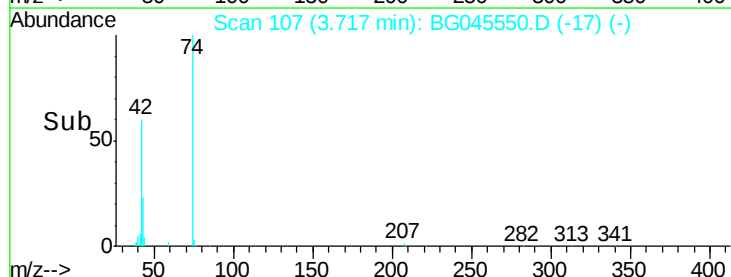
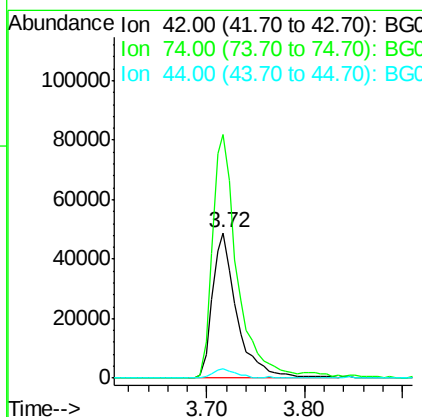
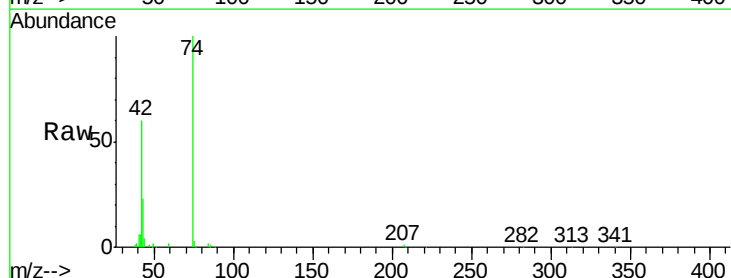
RT: 3.72 min Scan# 107

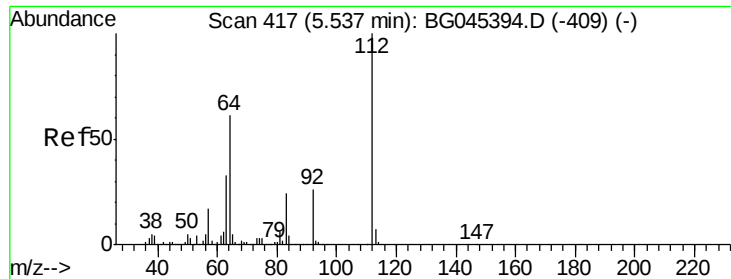
Delta R.T. -0.00 min

Lab File: BG045550.D

Acq: 30 May 2020 11:22

Tgt Ion:	42	Resp:	85160
Ion	Ratio	Lower	Upper
42	100		
74	167.2	141.3	211.9
44	6.2	4.2	6.4





#5

2-Fluorophenol

Concen: 86.16 ng

RT: 5.54 min Scan# 418

Delta R.T. -0.01 min

Lab File: BG045550.D

Acq: 30 May 2020 11:22

Instrument :

BNA_G

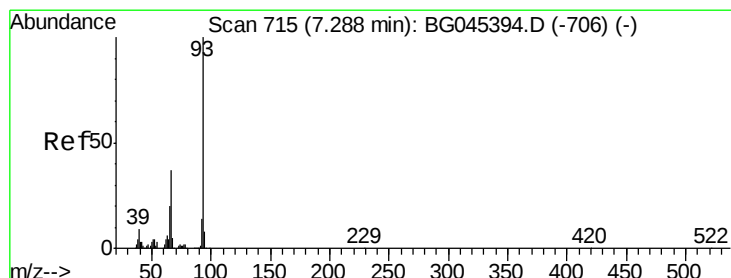
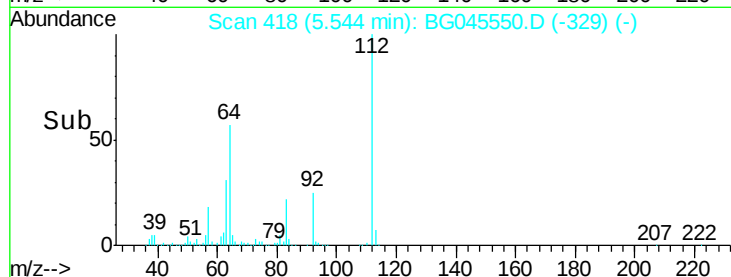
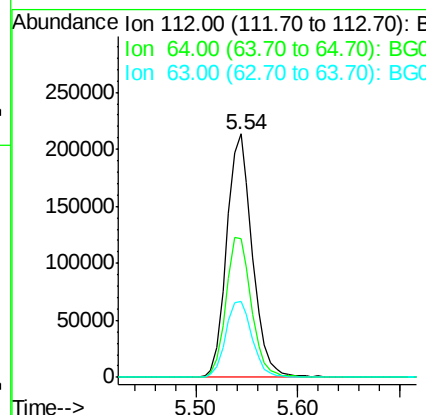
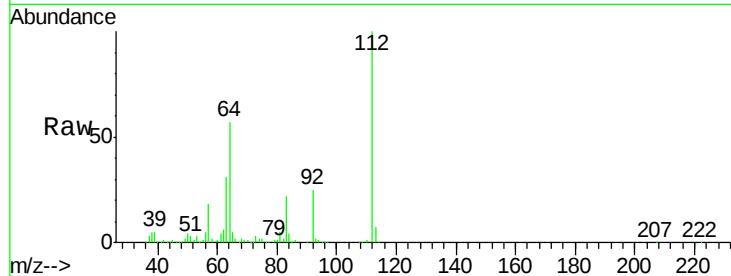
ClientSampled :

SSTDCCC040

Tgt Ion:	112	Resp:	373306
Ion Ratio	Lower	Upper	
112	100		
64	56.8	48.6	72.8
63	31.4	26.5	39.7

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#6

Aniline

Concen: 42.82 ng

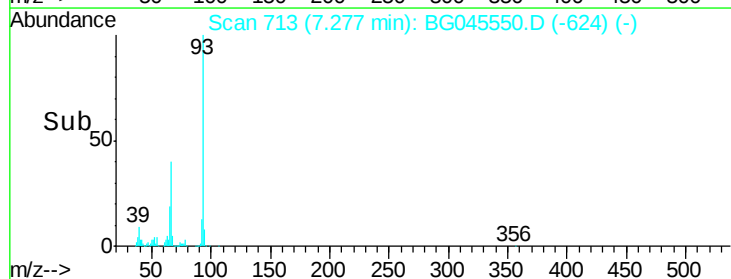
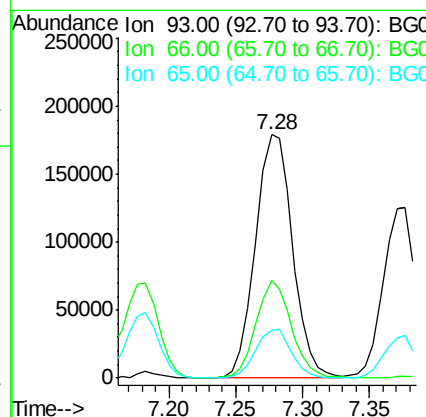
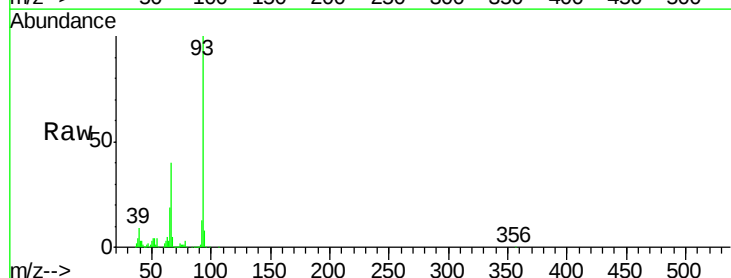
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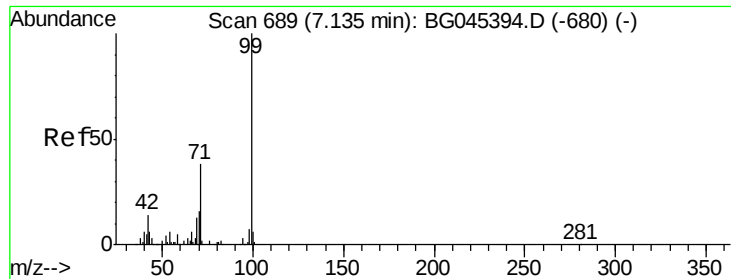
Delta R.T. -0.01 min

Lab File: BG045550.D

Acq: 30 May 2020 11:22

Tgt Ion:	93	Resp:	344698
Ion Ratio	Lower	Upper	
93	100		
66	40.2	29.6	44.4
65	19.5	15.9	23.9





#7

Phenol-d6

Concen: 89.40 ng

RT: 7.15 min Scan# 692

Delta R.T. -0.01 min

Lab File: BG045550.D

Acq: 30 May 2020 11:22

Instrument :

BNA_G

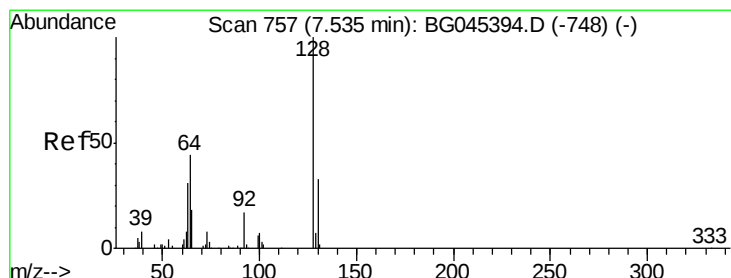
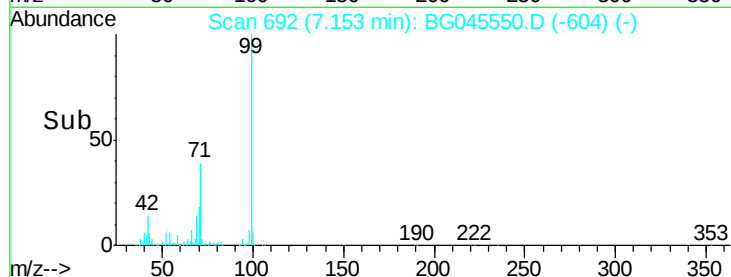
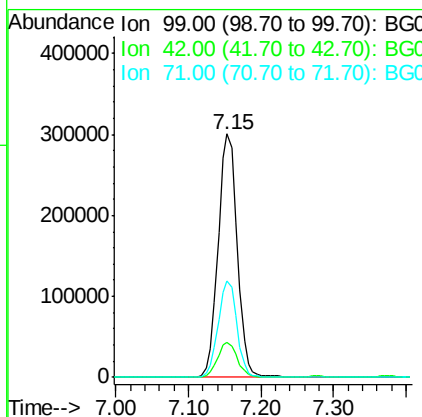
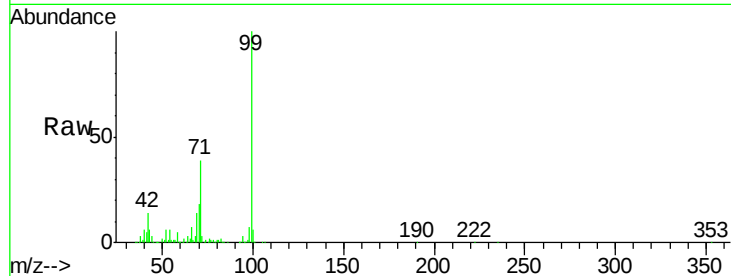
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	551288		
42	14.5	11.3	16.9	
71	39.5	30.8	46.2	

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#8

2-Chlorophenol

Concen: 43.14 ng

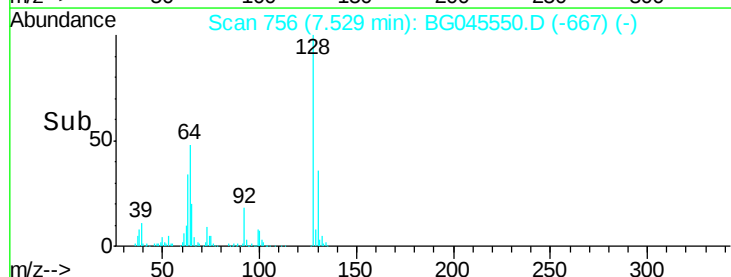
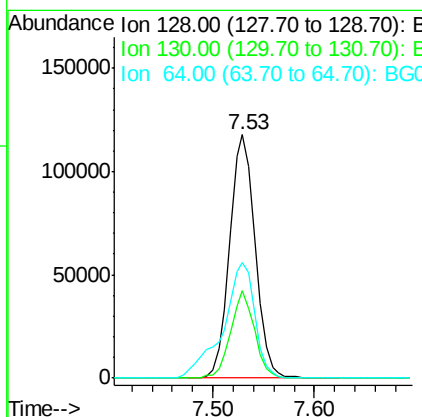
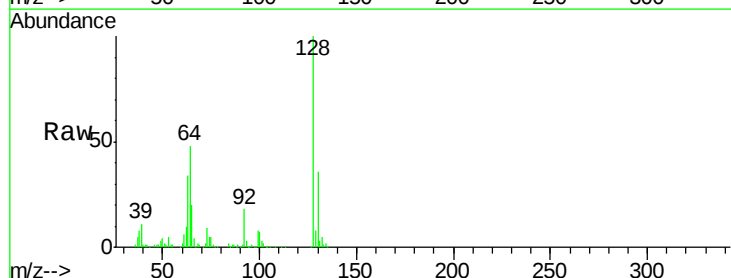
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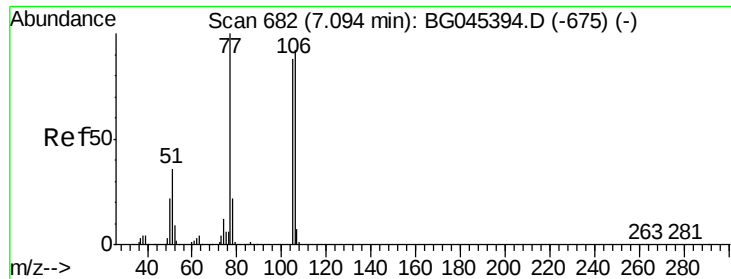
Delta R.T. -0.01 min

Lab File: BG045550.D

Acq: 30 May 2020 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	204966		
130	36.2	12.6	52.6	
64	47.7	27.0	67.0	





#9

Benzaldehyde

Concen: 41.25 ng

RT: 7.08 min Scan# 680

Delta R.T. -0.01 min

Lab File: BG045550.D

Acq: 30 May 2020 11:22

Instrument :

BNA_G

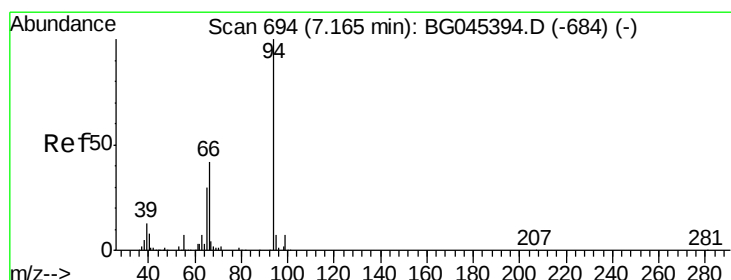
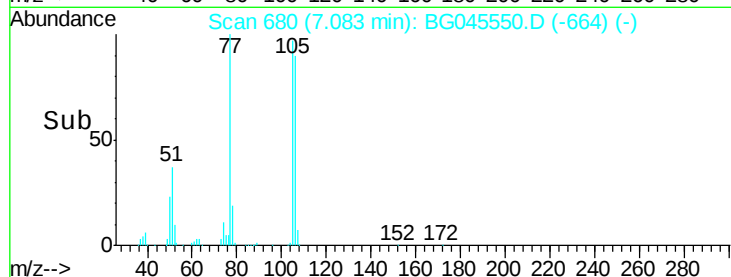
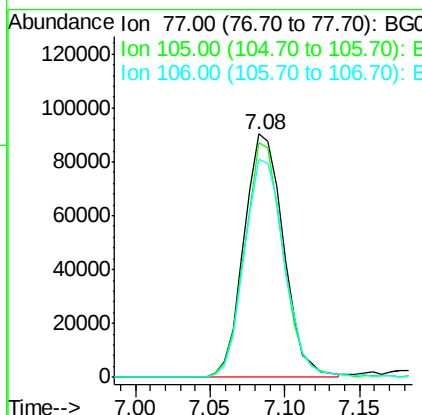
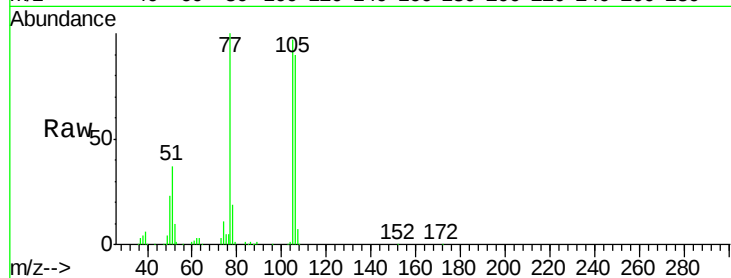
ClientSampleId :

SSTDCCC040

Tgt Ion:	77	Resp:	165734
Ion Ratio	Lower	Upper	
77	100		
105	96.6	68.5	108.5
106	89.5	71.6	111.6

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#10

Phenol

Concen: 44.28 ng

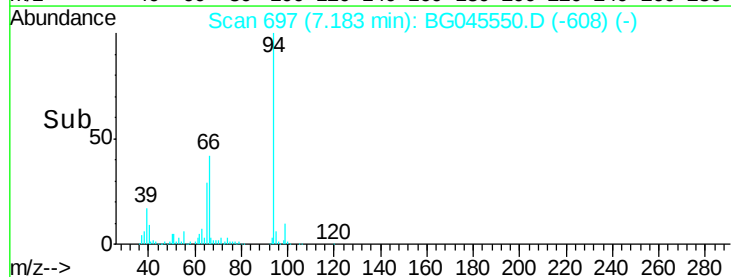
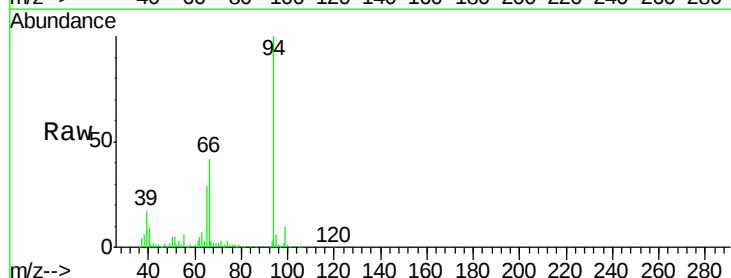
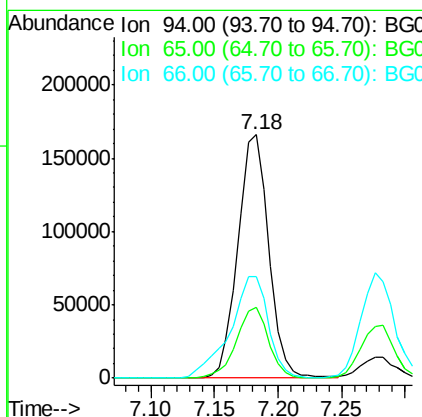
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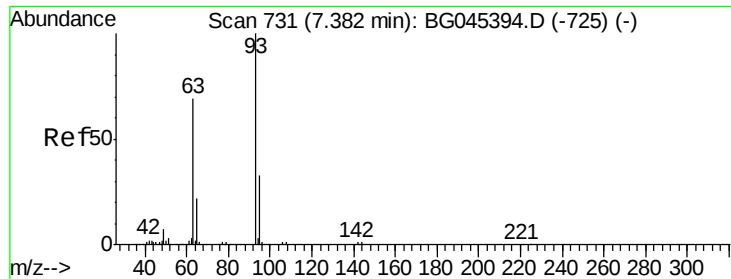
Delta R.T. -0.01 min

Lab File: BG045550.D

Acq: 30 May 2020 11:22

Tgt Ion:	94	Resp:	281450
Ion Ratio	Lower	Upper	
94	100		
65	28.8	9.8	49.8
66	42.0	22.0	62.0





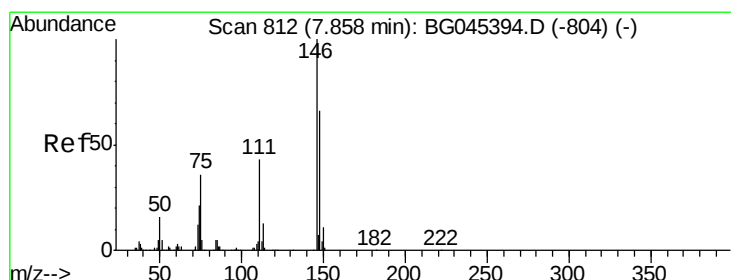
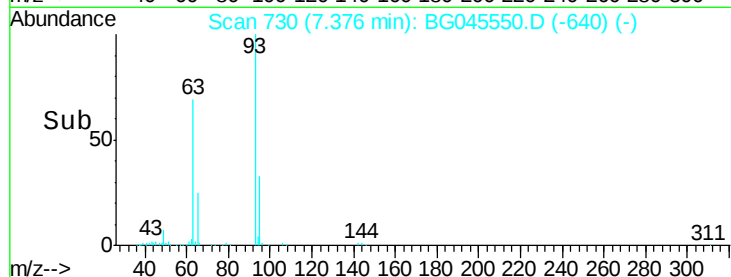
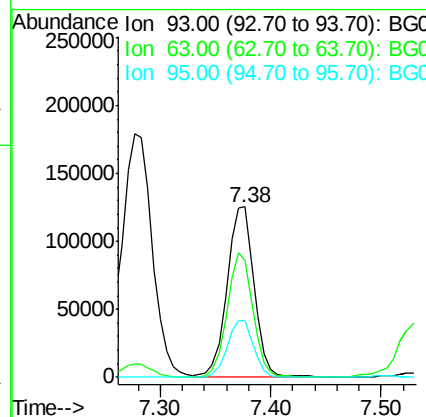
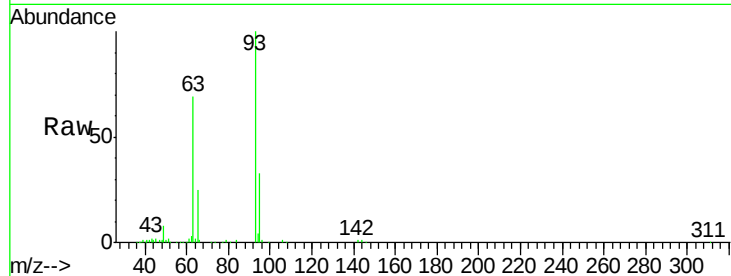
#11
bis(2-Chloroethyl)ether
Concen: 43.78 ng
RT: 7.38 min Scan# 730
Delta R.T. -0.00 min
Lab File: BG045550.D
Acq: 30 May 2020 11:22

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

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

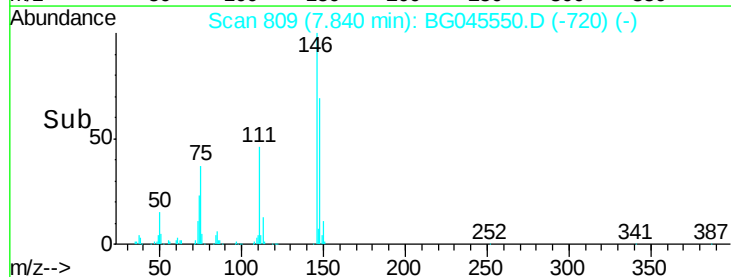
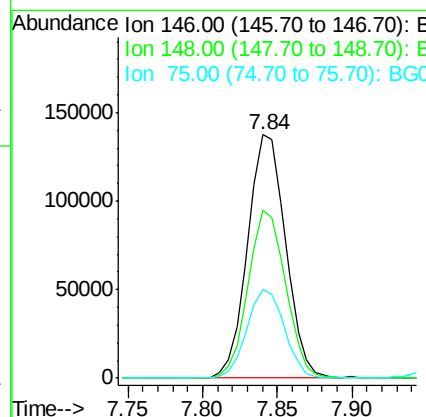
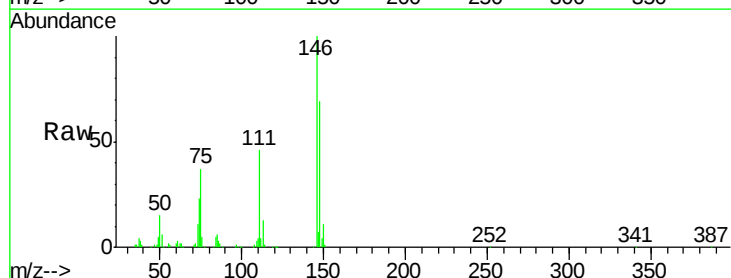
Manual Integrations
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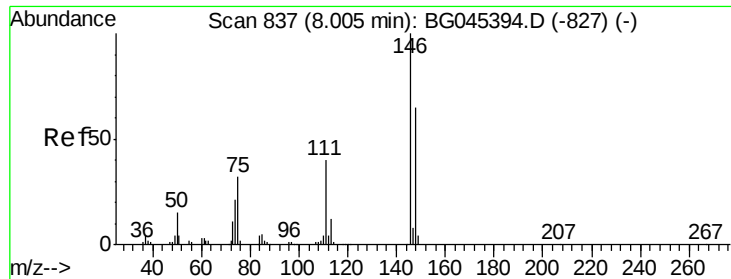
mohammad
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#12
1,3-Dichlorobenzene
Concen: 42.33 ng
RT: 7.84 min Scan# 809
Delta R.T. -0.01 min
Lab File: BG045550.D
Acq: 30 May 2020 11:22

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





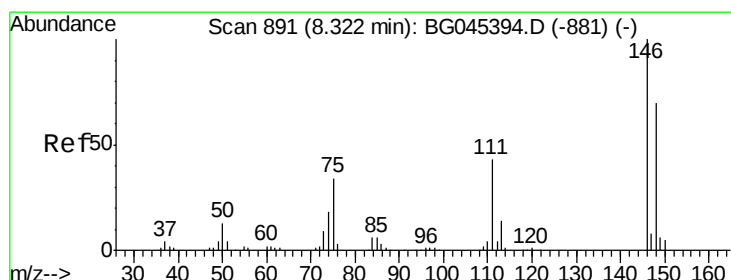
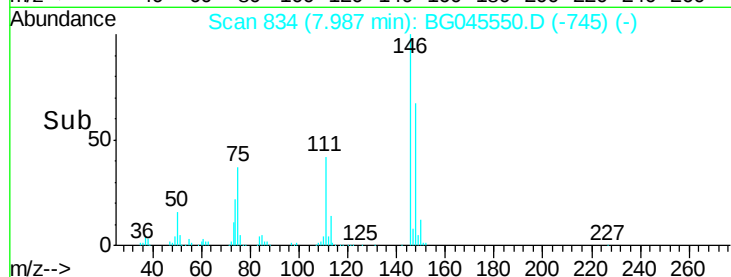
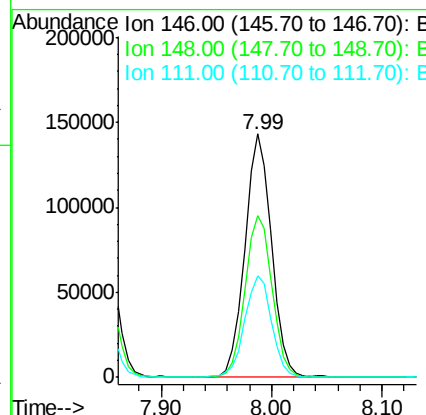
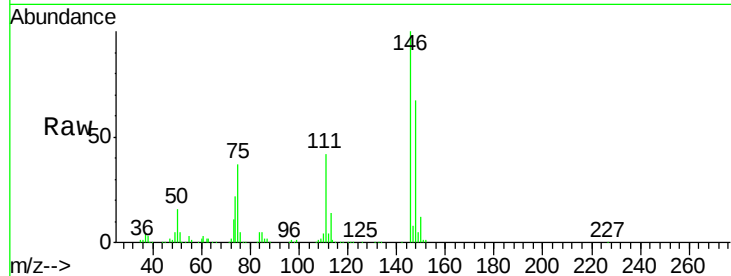
#13
 1,4-Dichlorobenzene
 Concen: 42.90 ng
 RT: 7.99 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BG045550.D
 Acq: 30 May 2020 11:22

Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	241742		
148	66.6	51.8	77.8	
111	41.6	32.1	48.1	

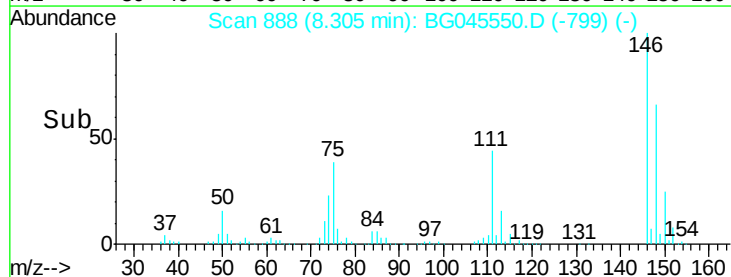
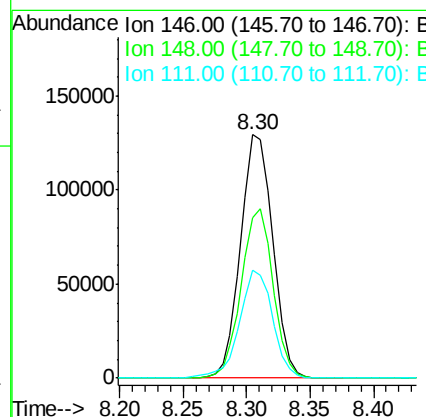
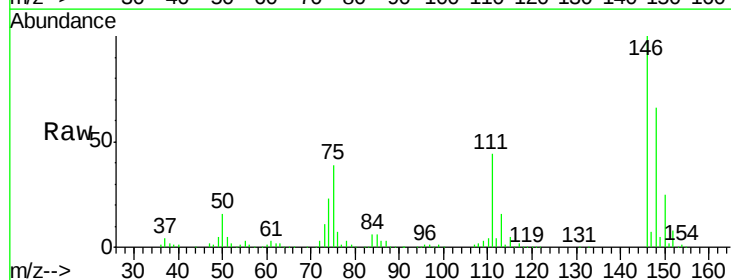
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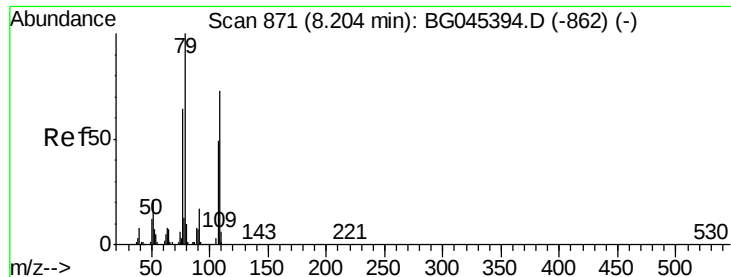
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 42.18 ng
 RT: 8.30 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BG045550.D
 Acq: 30 May 2020 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	228585		
148	65.7	55.9	83.9	
111	44.2	35.0	52.4	





#15

Benzyl Alcohol

Concen: 45.30 ng

RT: 8.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BG045550.D

Acq: 30 May 2020 11:22

Instrument :

BNA_G

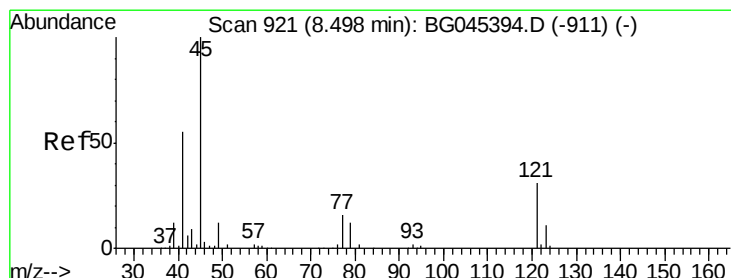
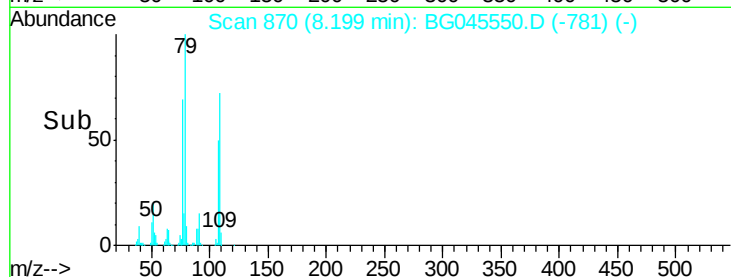
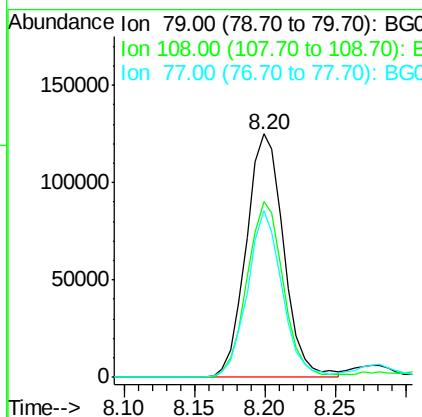
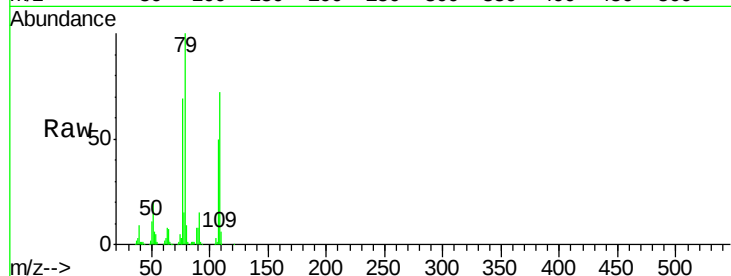
ClientSampleId :

SSTDCCC040

Tgt Ion:	79	Resp:	230781
Ion Ratio	Lower	Upper	
79	100		
108	72.0	58.2	87.4
77	68.7	51.0	76.4

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.25 ng

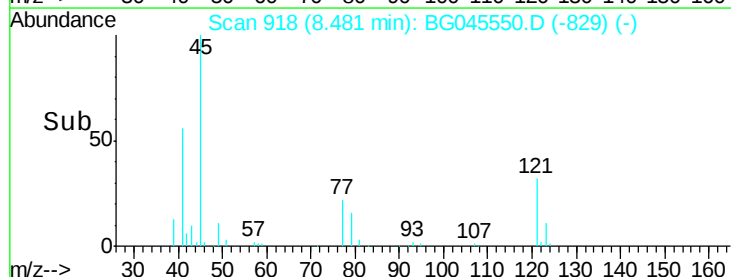
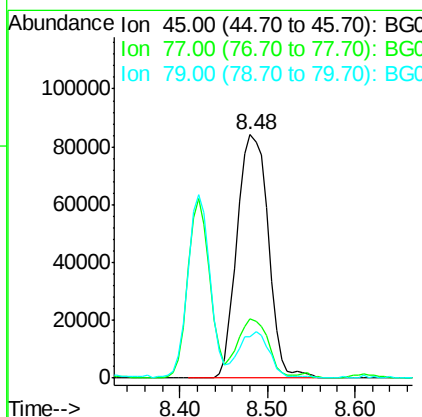
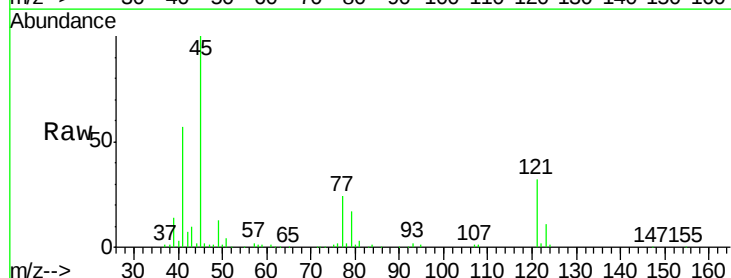
RT: 8.48 min Scan# 918

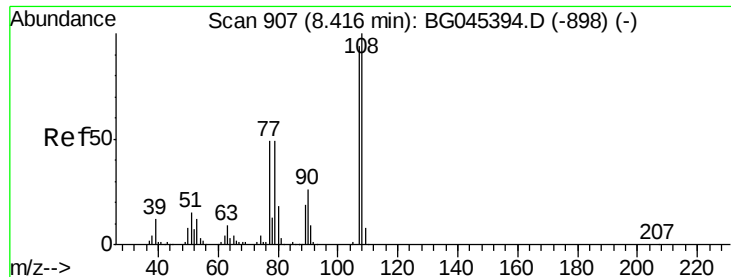
Delta R.T. -0.01 min

Lab File: BG045550.D

Acq: 30 May 2020 11:22

Tgt Ion:	45	Resp:	203524
Ion Ratio	Lower	Upper	
45	100		
77	24.2	4.0	44.0
79	17.0	0.0	38.6





#17

2-Methylphenol

Concen: 44.19 ng

RT: 8.42 min Scan# 908

Delta R.T. -0.01 min

Lab File: BG045550.D

Acq: 30 May 2020 11:22

Instrument :

BNA_G

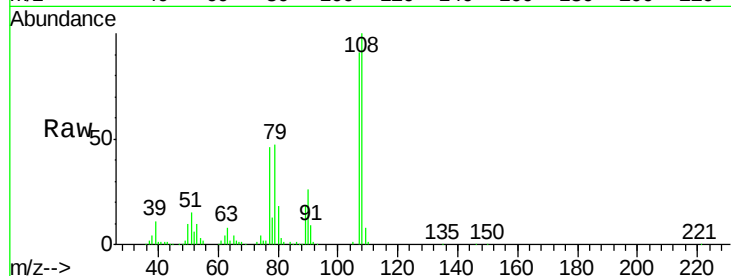
ClientSampleId :

SSTDCCC040

Tgt Ion:	107	Resp:	210199
Ion Ratio	Lower	Upper	
107	100		
108	110.4	85.2	127.8
77	50.9	41.6	62.4
79	52.0	41.8	62.8

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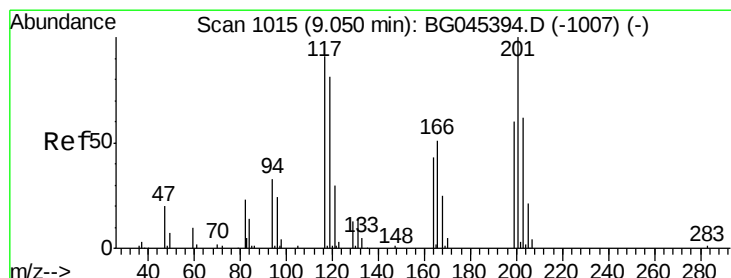
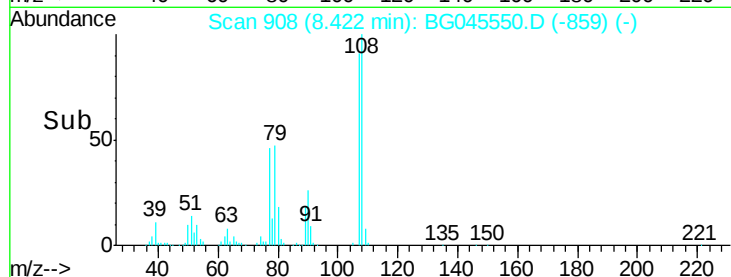
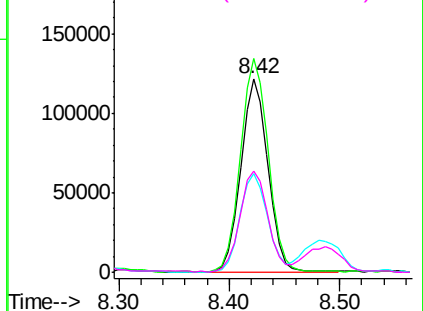
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 42.30 ng

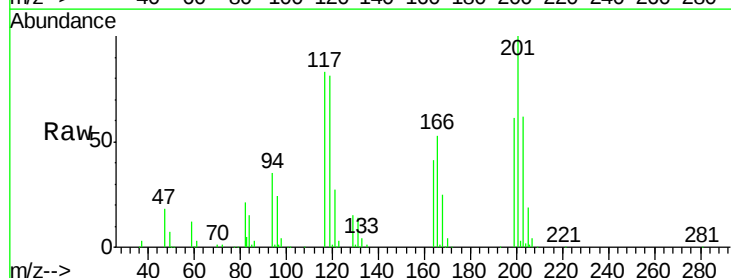
RT: 9.04 min Scan# 1013

Delta R.T. -0.00 min

Lab File: BG045550.D

Acq: 30 May 2020 11:22

Tgt Ion:	117	Resp:	91292
Ion Ratio	Lower	Upper	
117	100		
119	97.1	71.3	106.9
201	120.5	87.5	131.3

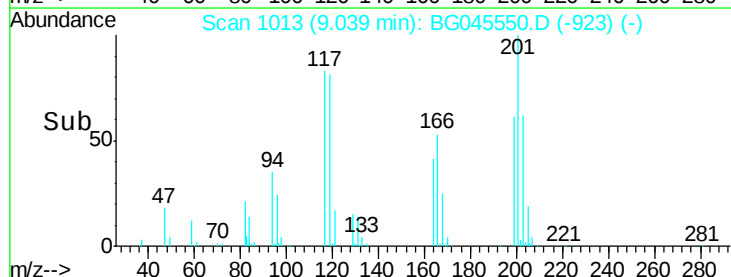
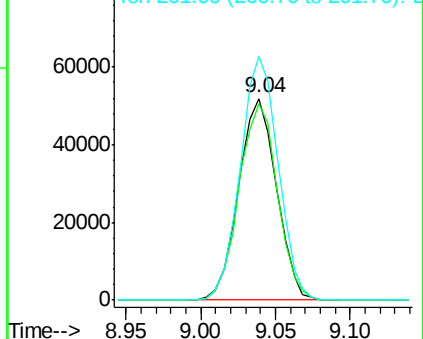


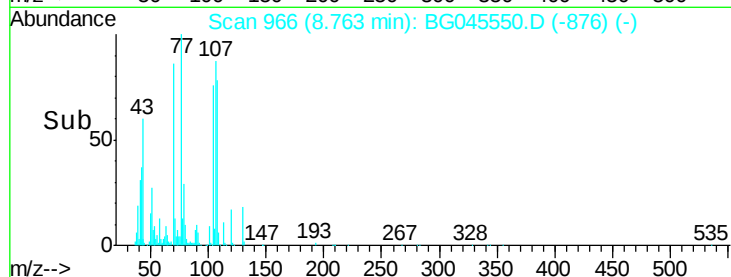
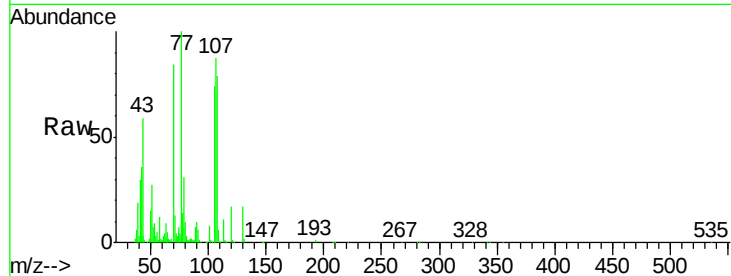
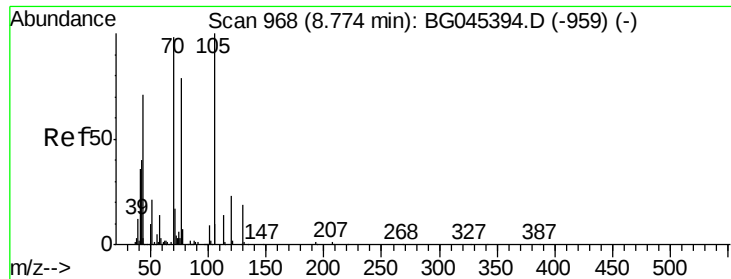
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





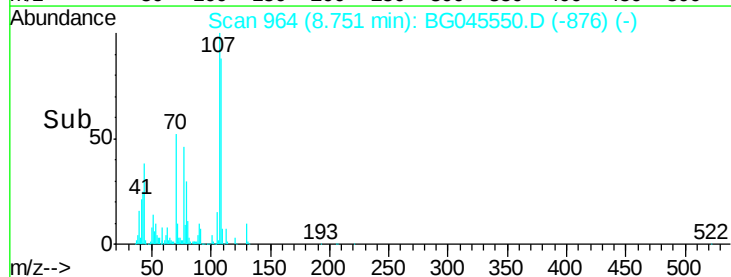
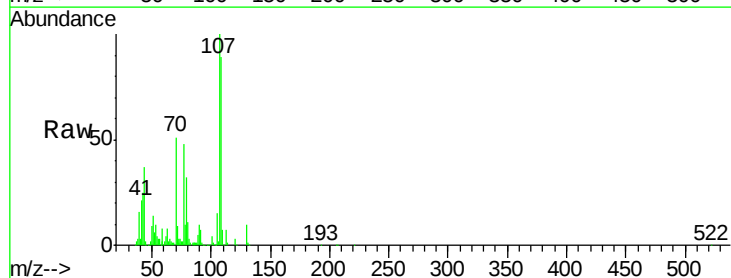
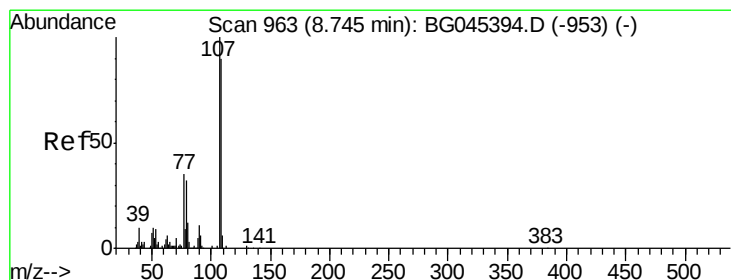
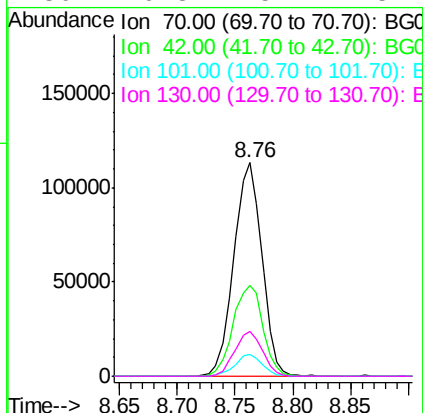
#19
n-Nitroso-di-n-propylamine
Concen: 44.67 ng
RT: 8.76 min Scan# 966
Delta R.T. -0.00 min
Lab File: BG045550.D
Acq: 30 May 2020 11:22

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
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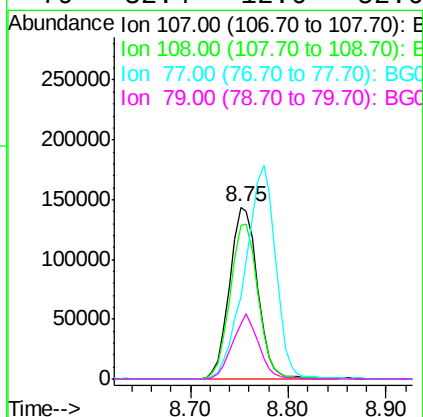
mohammad
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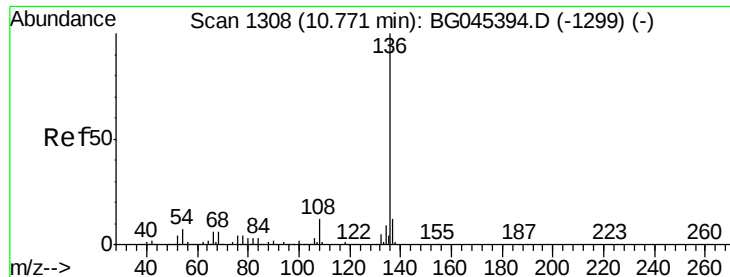
Tgt Ion	Ratio	Lower	Upper
70	100		
42	42.8	33.2	49.8
101	10.0	7.8	11.6
130	20.8	15.4	23.2



#20
3+4-Methylphenols
Concen: 44.54 ng
RT: 8.75 min Scan# 964
Delta R.T. -0.01 min
Lab File: BG045550.D
Acq: 30 May 2020 11:22

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.2	70.3	110.3
77	47.7	15.4	55.4
79	32.4	12.6	52.6





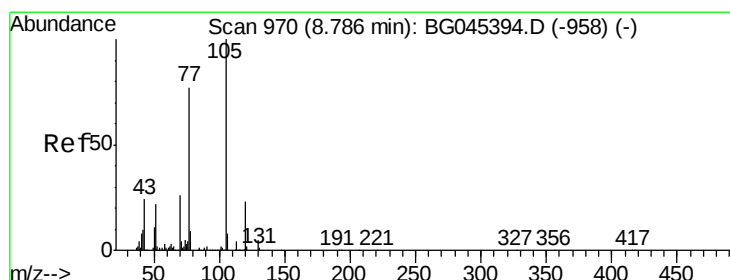
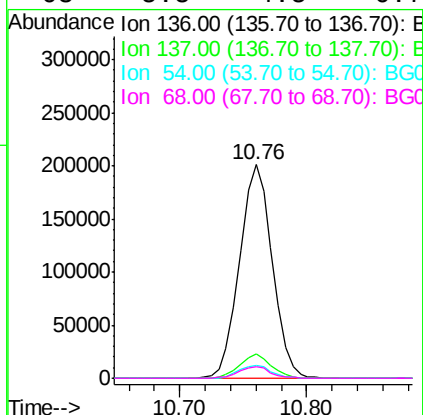
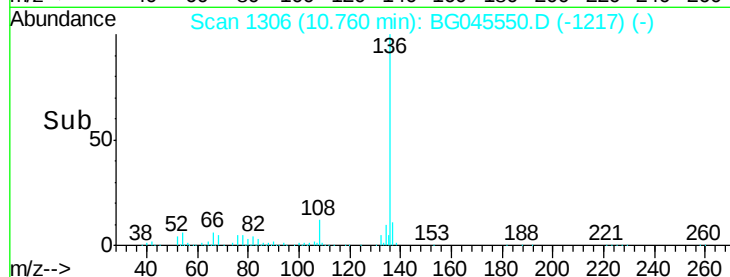
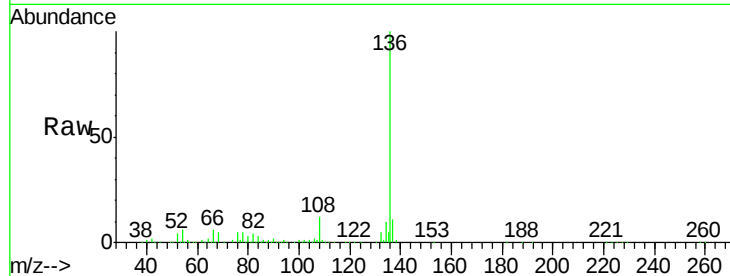
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG045550.D
Acq: 30 May 2020 11:22

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	359378		
137	11.4	9.4	14.2	
54	6.0	5.8	8.6	
68	5.5	4.5	6.7	

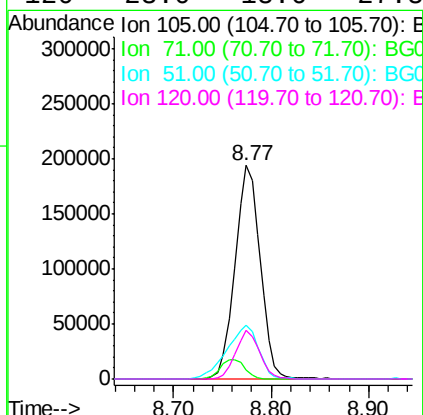
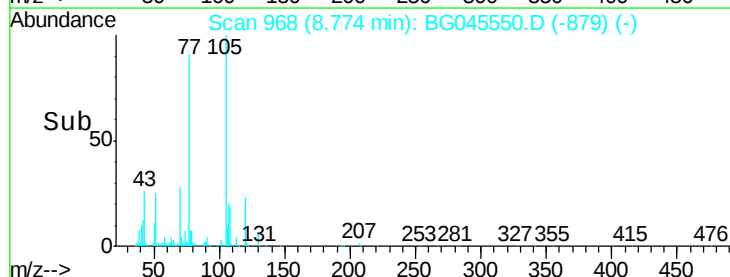
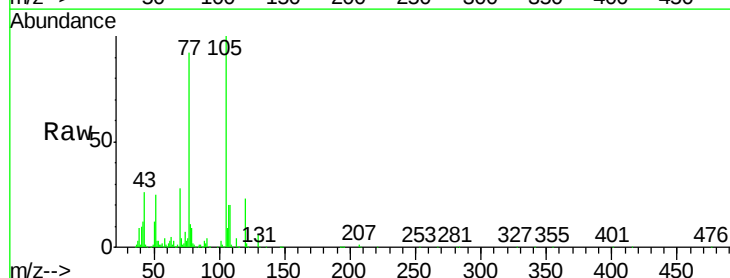
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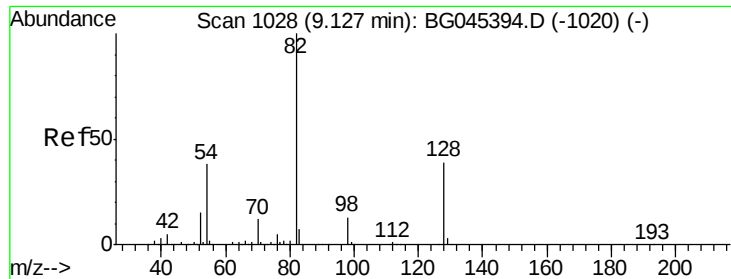
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#22
Acetophenone
Concen: 40.81 ng
RT: 8.77 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG045550.D
Acq: 30 May 2020 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	347588		
71	4.5	3.4	5.0	
51	25.2	18.2	27.2	
120	23.0	18.6	27.8	





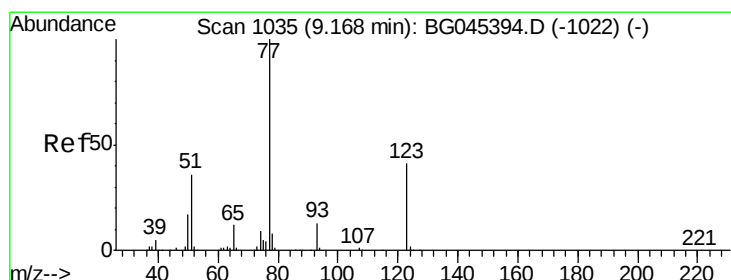
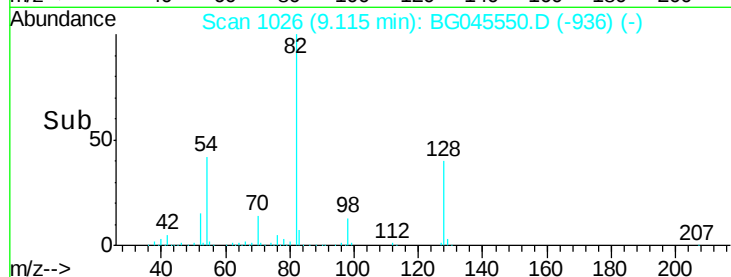
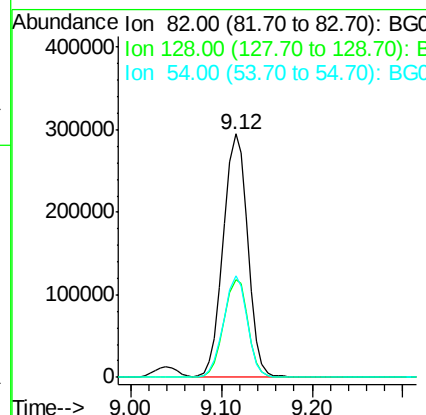
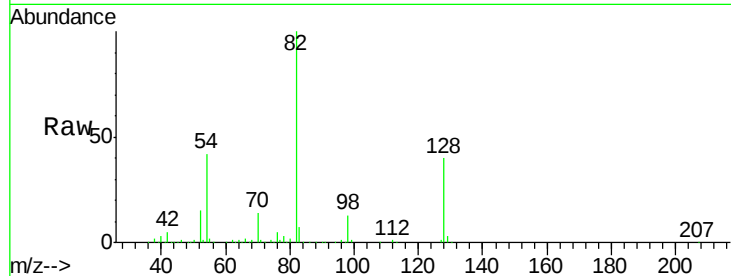
#23
 Nitrobenzene-d5
 Concen: 83.74 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BG045550.D
 Acq: 30 May 2020 11:22

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

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

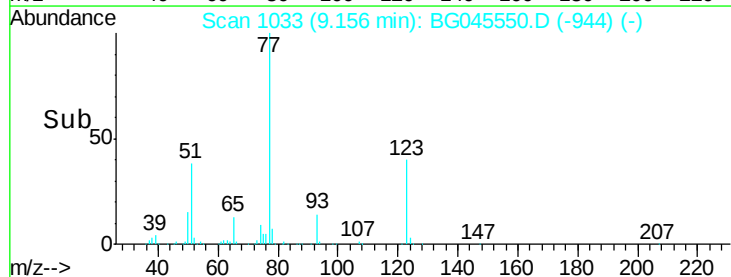
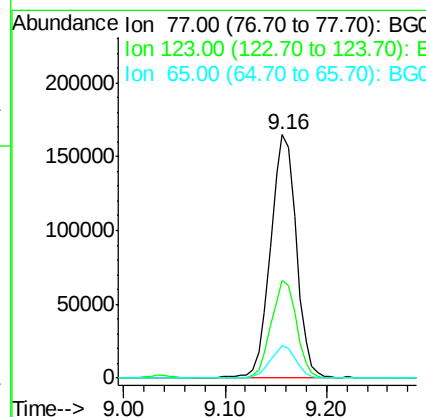
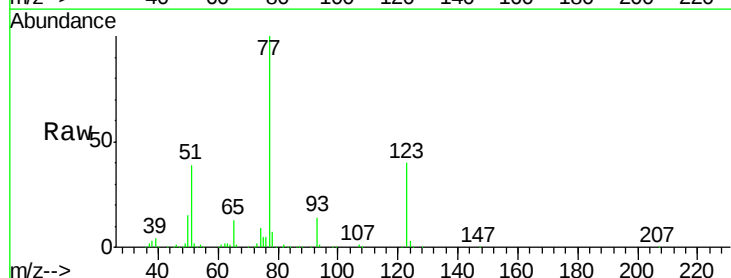
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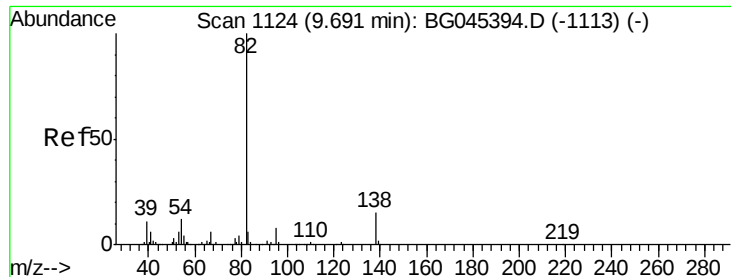
mohammad
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#24
 Nitrobenzene
 Concen: 41.40 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BG045550.D
 Acq: 30 May 2020 11:22

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





#25

Isophorone

Concen: 41.45 ng

RT: 9.69 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BG045550.D

Acq: 30 May 2020 11:22

Instrument :

BNA_G

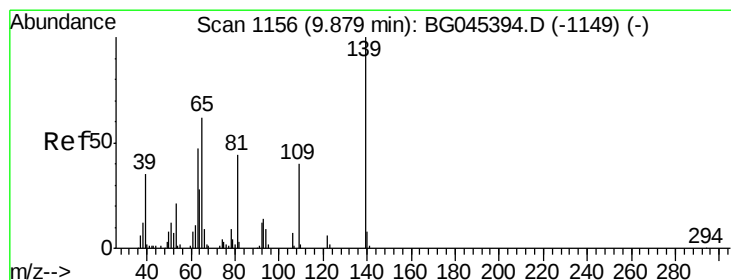
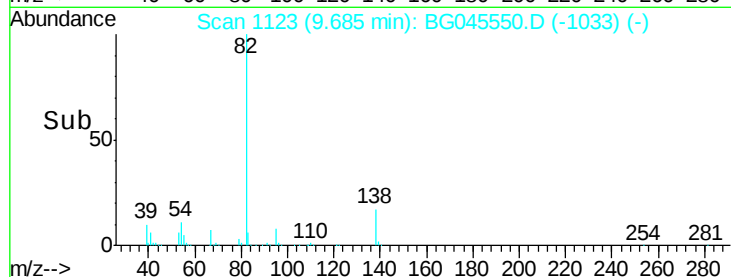
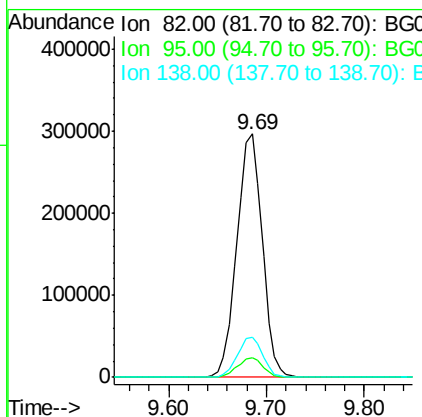
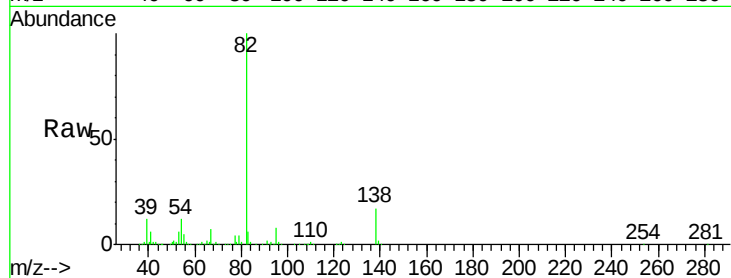
ClientSampleId :

SSTDCCC040

Tgt Ion:	82	Resp:	537996
Ion Ratio	Lower	Upper	
82	100		
95	8.1	6.7	10.1
138	16.6	12.2	18.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 42.03 ng

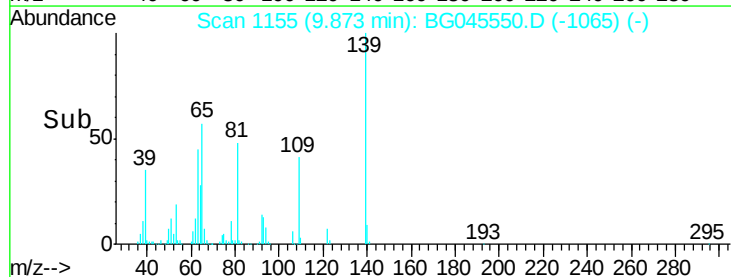
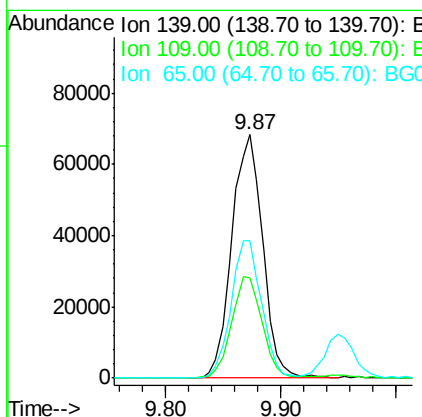
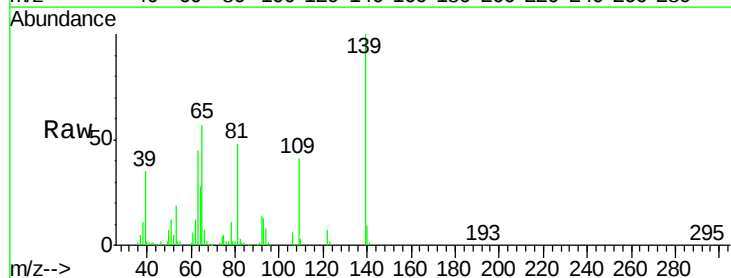
RT: 9.87 min Scan# 1155

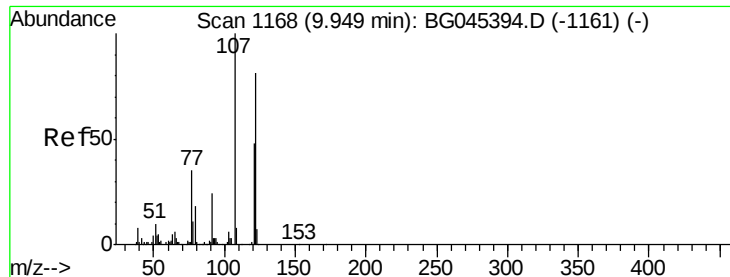
Delta R.T. -0.00 min

Lab File: BG045550.D

Acq: 30 May 2020 11:22

Tgt Ion:	139	Resp:	126956
Ion Ratio	Lower	Upper	
139	100		
109	41.1	32.2	48.4
65	56.5	49.6	74.4





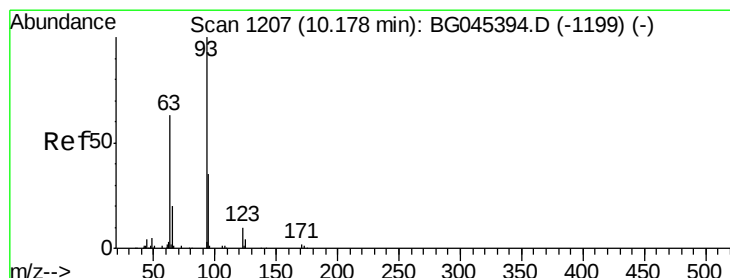
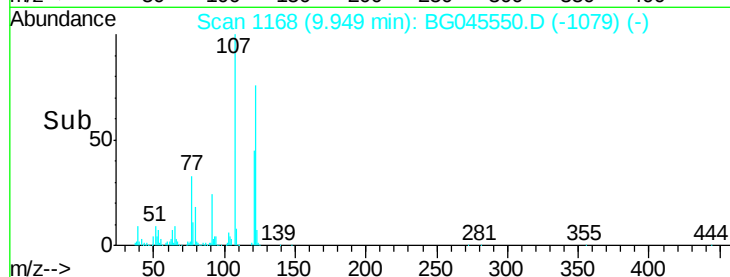
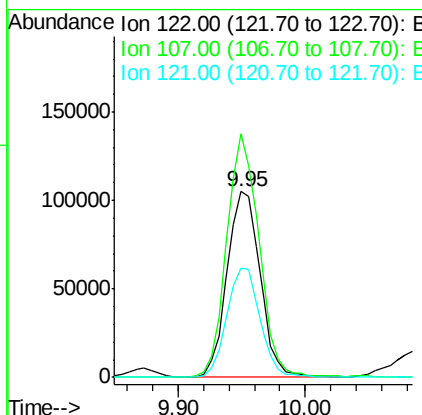
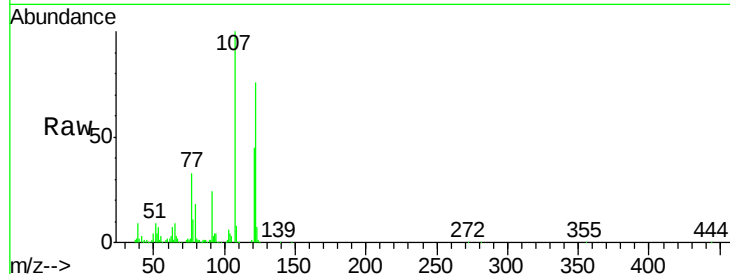
#27
 2,4-Dimethylphenol
 Concen: 42.43 ng
 RT: 9.95 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BG045550.D
 Acq: 30 May 2020 11:22

Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	190065		
107	131.1	99.0	148.4	
121	58.8	47.7	71.5	

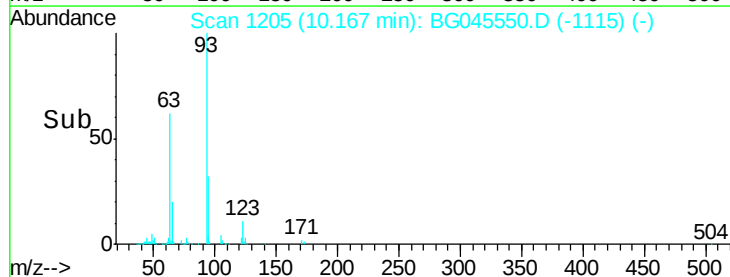
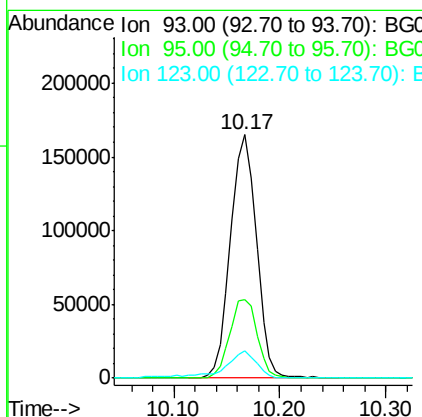
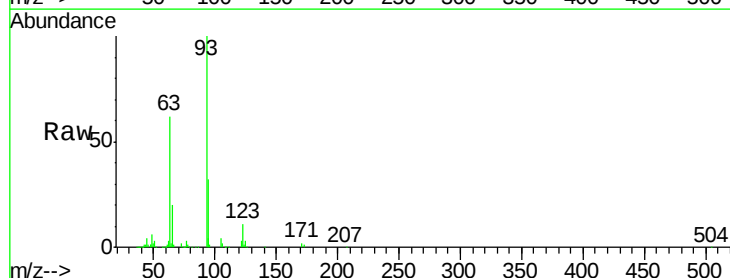
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#28
 bis(2-Chloroethoxy)methane
 Concen: 41.36 ng
 RT: 10.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BG045550.D
 Acq: 30 May 2020 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	281485		
95	32.4	27.6	41.4	
123	11.1	8.1	12.1	





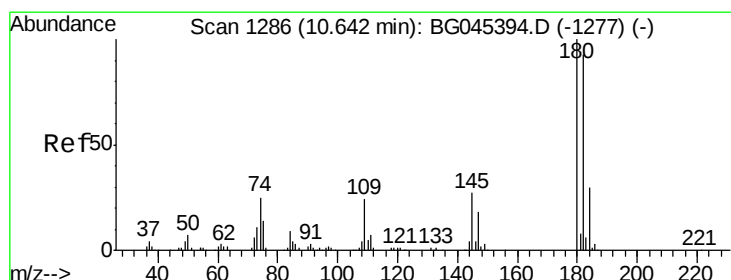
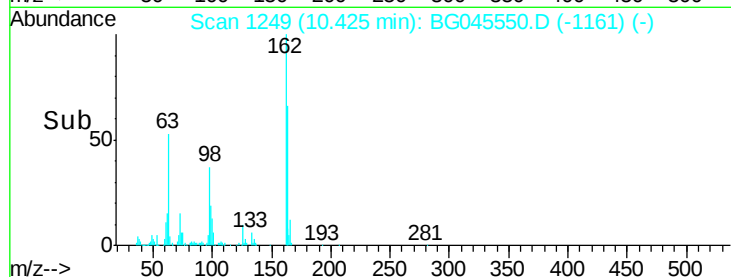
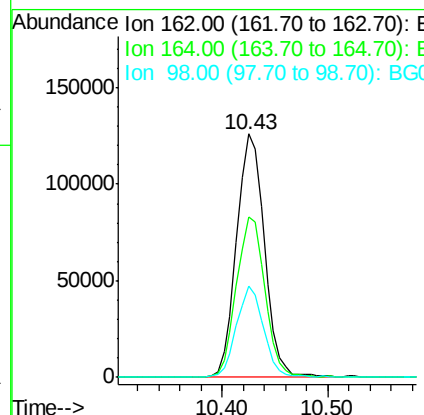
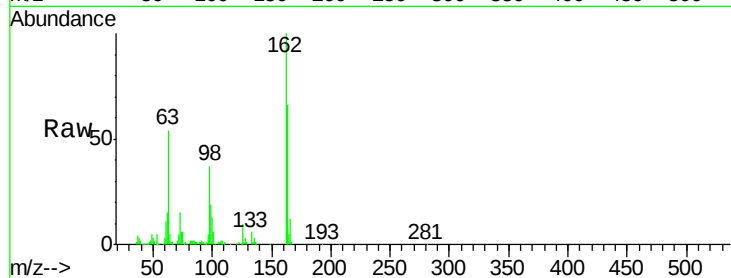
#29
 2,4-Dichlorophenol
 Concen: 43.47 ng
 RT: 10.43 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: BG045550.D
 Acq: 30 May 2020 11:22

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	229942		
164	66.0	46.8	86.8	
98	37.3	15.2	55.2	

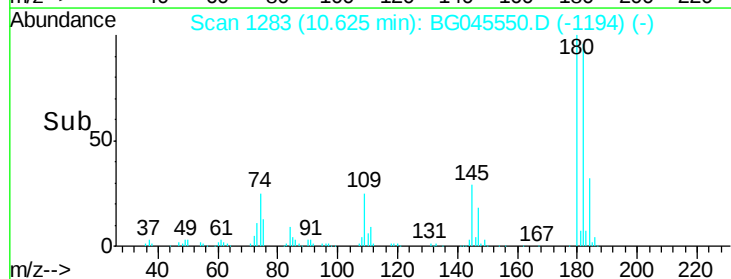
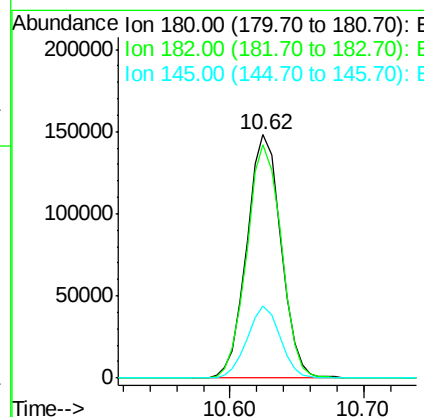
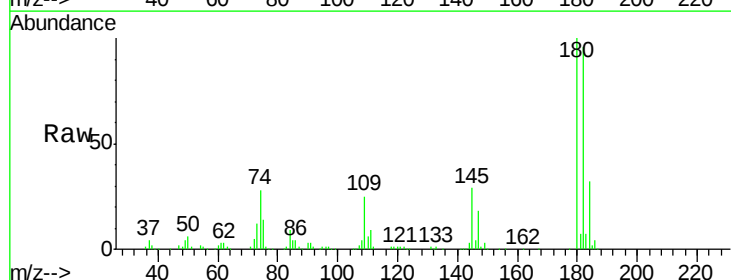
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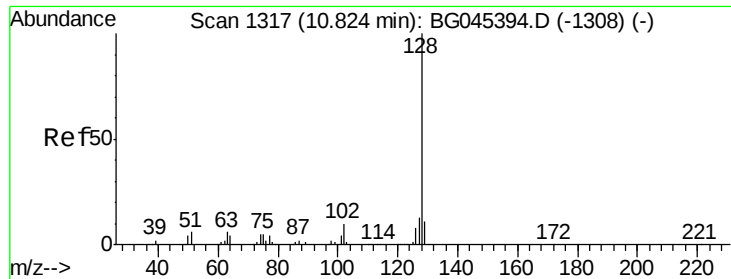
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.87 ng
 RT: 10.62 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BG045550.D
 Acq: 30 May 2020 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	261752		
182	95.8	74.8	112.2	
145	29.4	21.9	32.9	





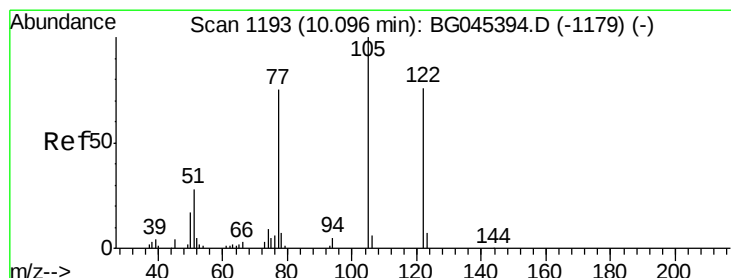
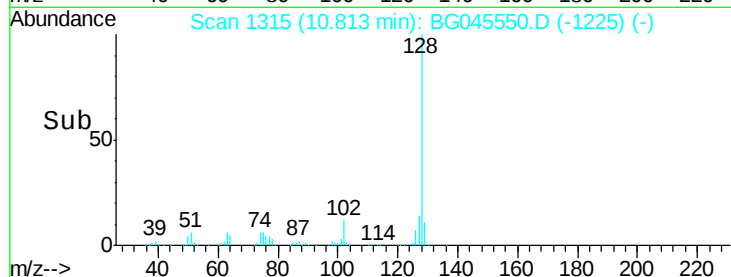
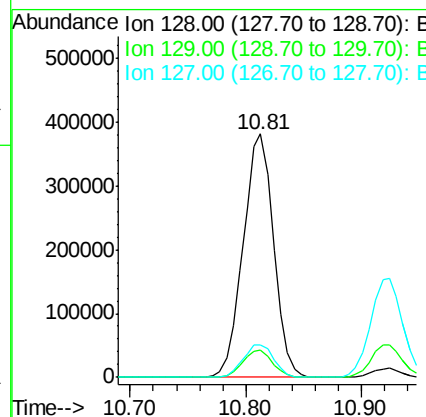
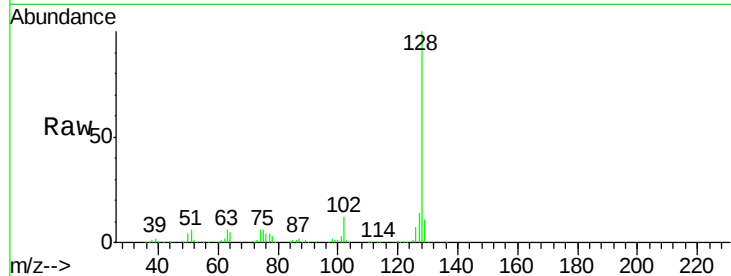
#31
Naphthalene
Concen: 41.54 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG045550.D
Acq: 30 May 2020 11:22

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	695728		
129	11.3	9.0	13.6	
127	13.5	10.7	16.1	

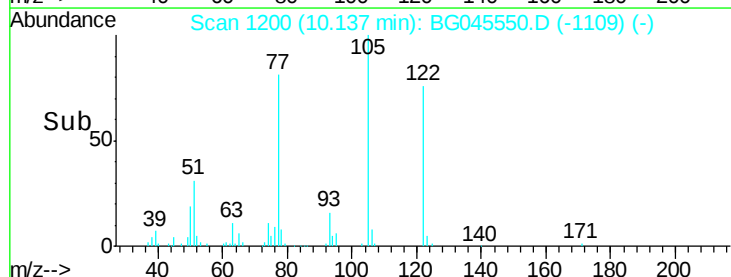
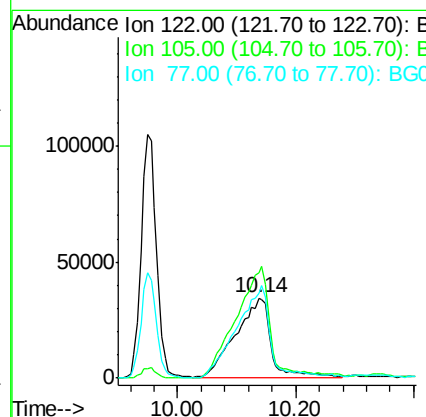
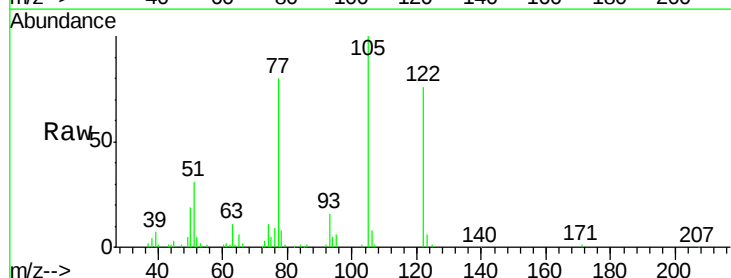
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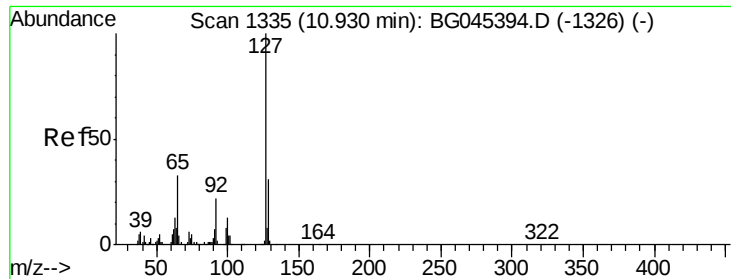
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#32
Benzoic acid
Concen: 46.47 ng
RT: 10.14 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BG045550.D
Acq: 30 May 2020 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	140341		
105	131.9	107.9	147.9	
77	105.9	78.9	118.9	





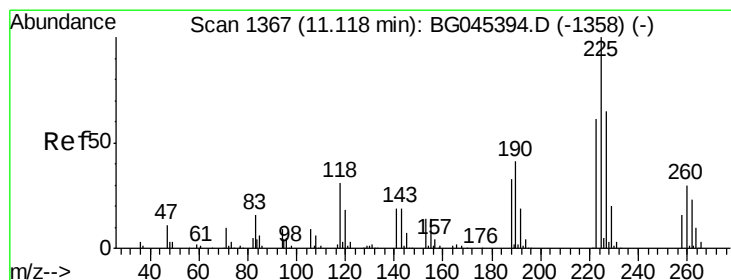
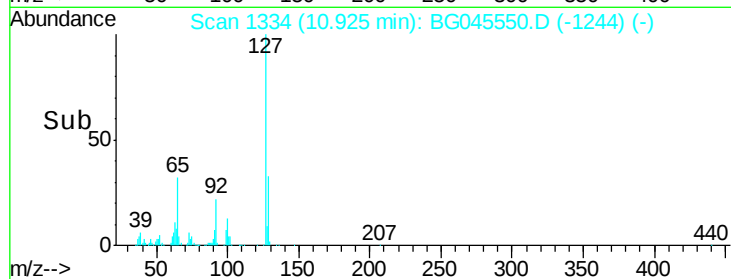
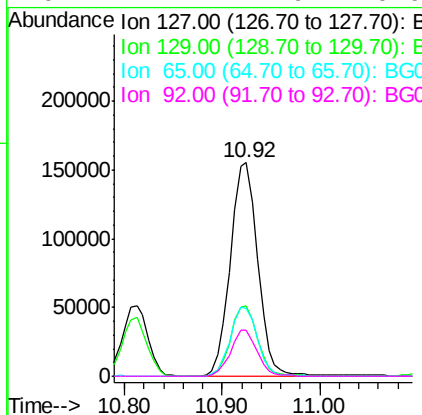
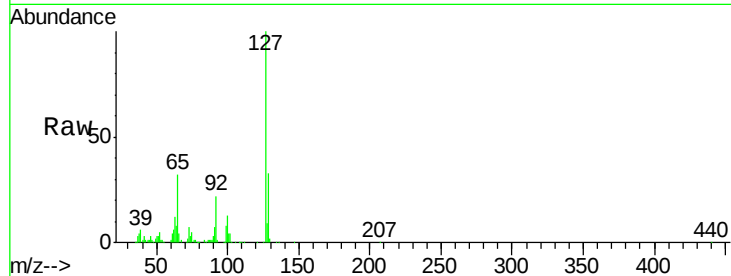
#33
4-Chloroaniline
Concen: 43.22 ng
RT: 10.92 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BG045550.D
Acq: 30 May 2020 11:22

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

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

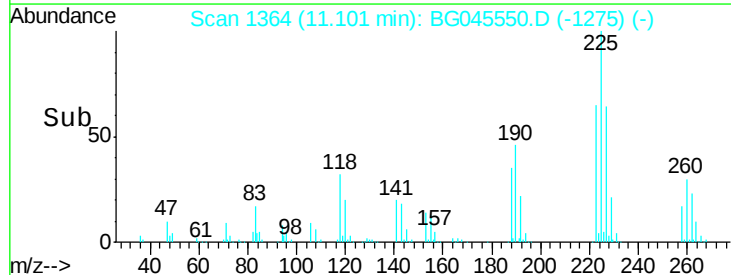
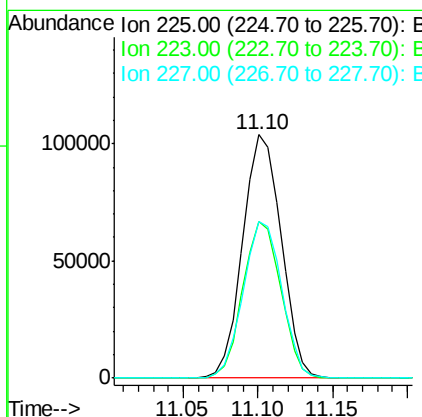
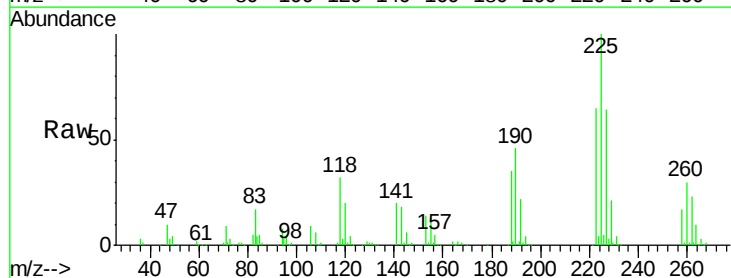
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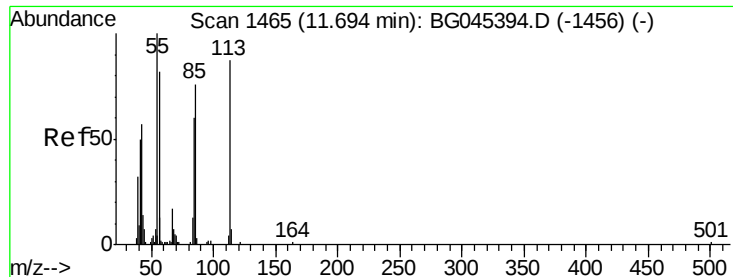
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#34
Hexachlorobutadiene
Concen: 41.90 ng
RT: 11.10 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BG045550.D
Acq: 30 May 2020 11:22

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





#35

Caprolactam

Concen: 43.78 ng m

RT: 11.71 min Scan# 1467

Delta R.T. 0.01 min

Lab File: BG045550.D

Acq: 30 May 2020 11:22

Instrument :

BNA_G

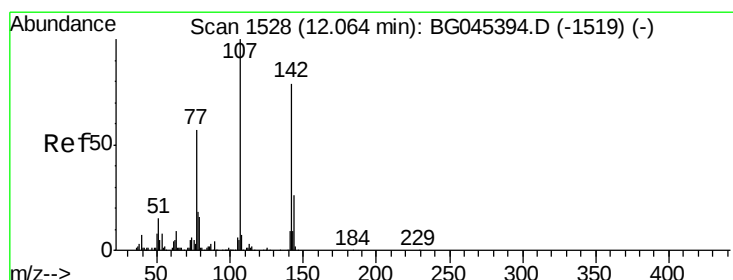
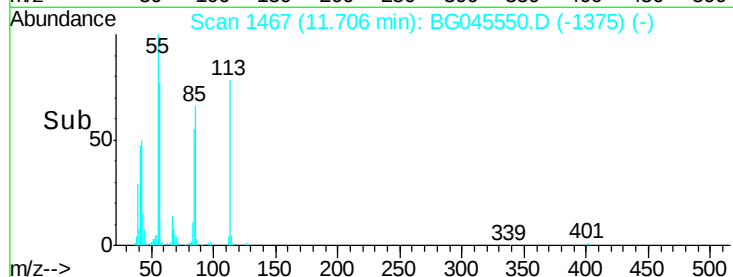
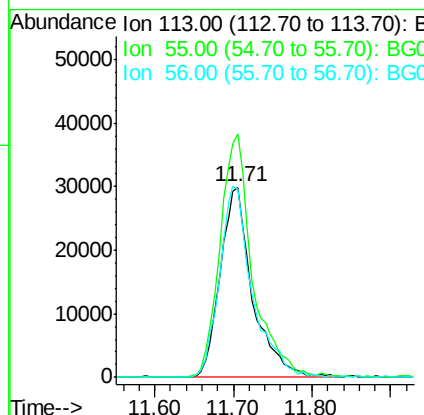
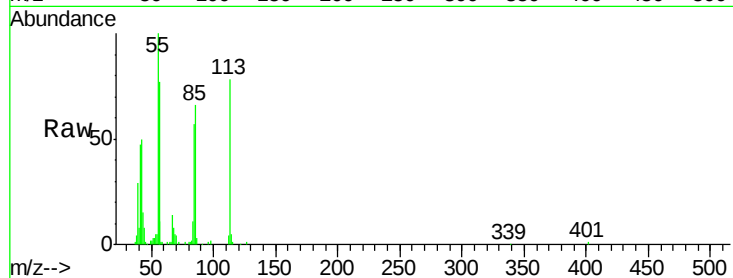
ClientSampleId :

SSTDCCC040

Tgt Ion:	113	Resp:	85015
Ion Ratio	Lower	Upper	
113	100		
55	128.1	96.0	136.0
56	98.9	75.1	115.1

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#36

4-Chloro-3-methylphenol

Concen: 44.60 ng

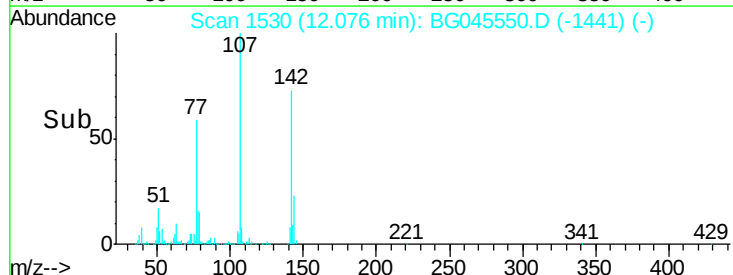
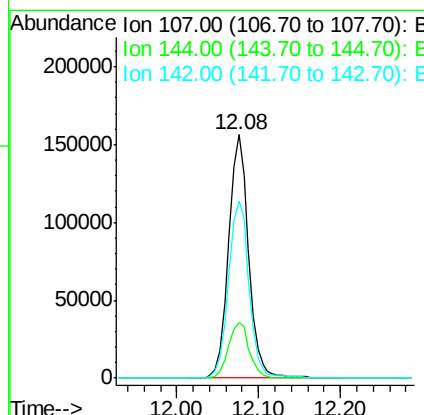
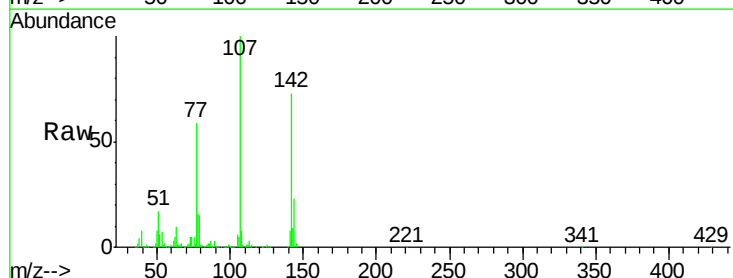
RT: 12.08 min Scan# 1530

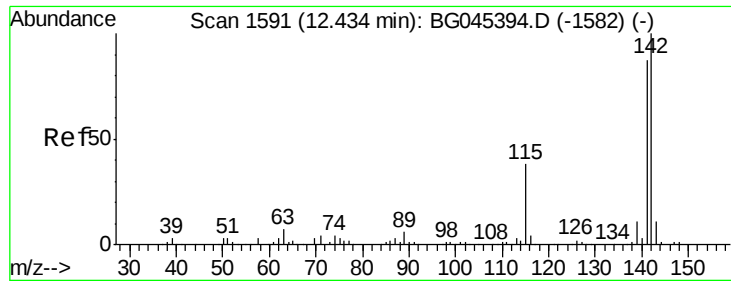
Delta R.T. -0.01 min

Lab File: BG045550.D

Acq: 30 May 2020 11:22

Tgt Ion:	107	Resp:	265876
Ion Ratio	Lower	Upper	
107	100		
144	22.8	20.8	31.2
142	72.6	62.8	94.2





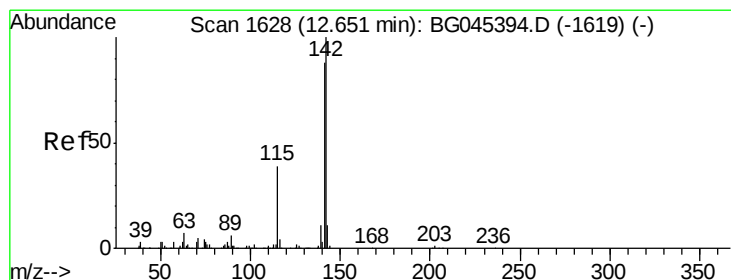
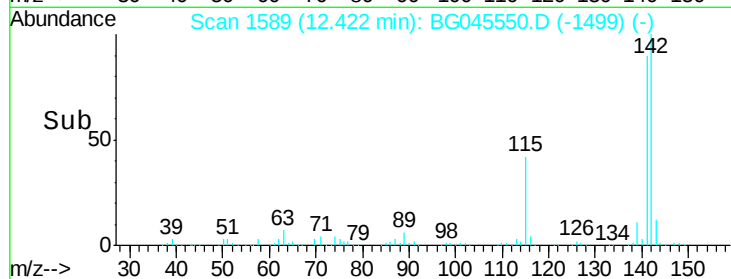
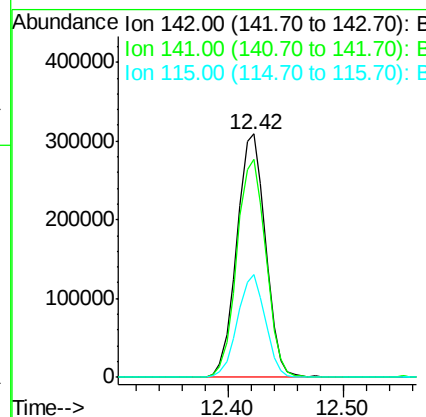
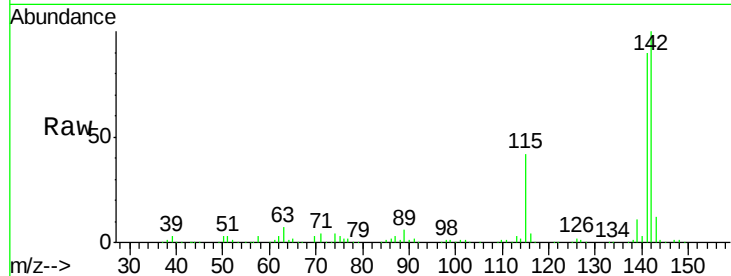
#37
2-Methylnaphthalene
Concen: 42.78 ng
RT: 12.42 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BG045550.D
Acq: 30 May 2020 11:22

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.0	105.0
115	42.3	30.8	46.2

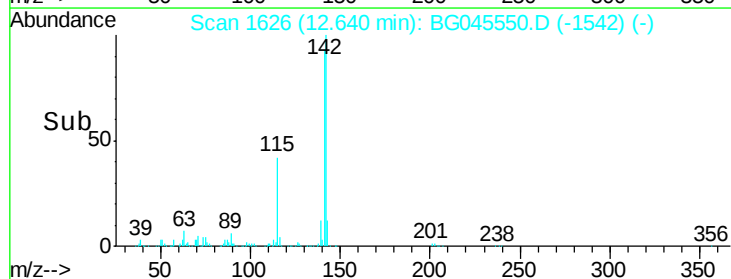
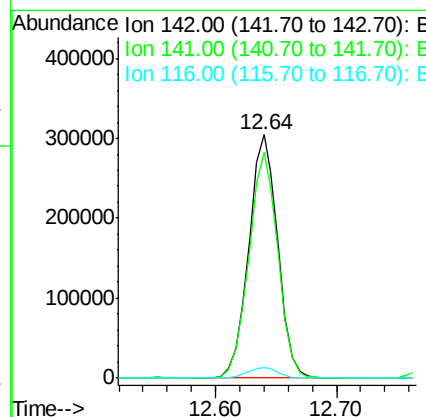
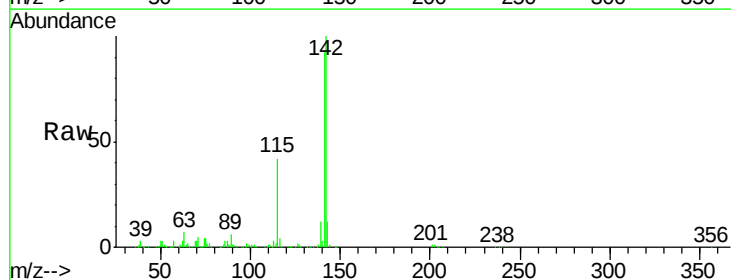
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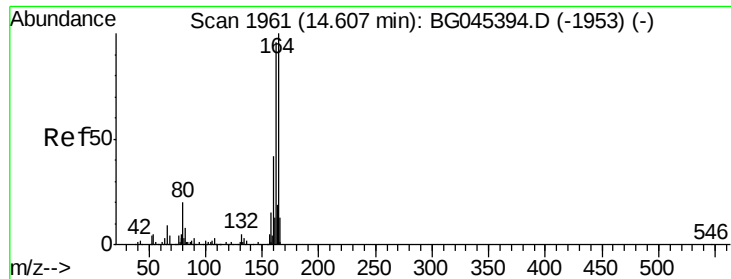
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#38
1-Methylnaphthalene
Concen: 42.80 ng
RT: 12.64 min Scan# 1626
Delta R.T. -0.01 min
Lab File: BG045550.D
Acq: 30 May 2020 11:22

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





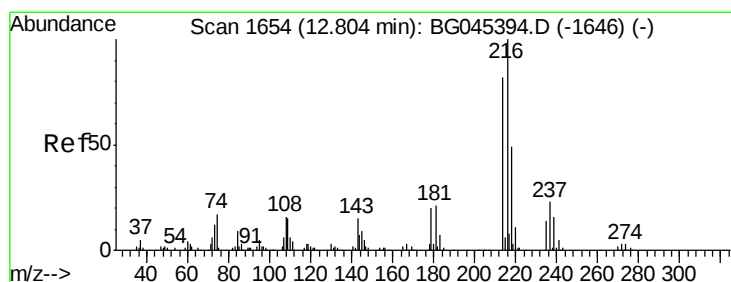
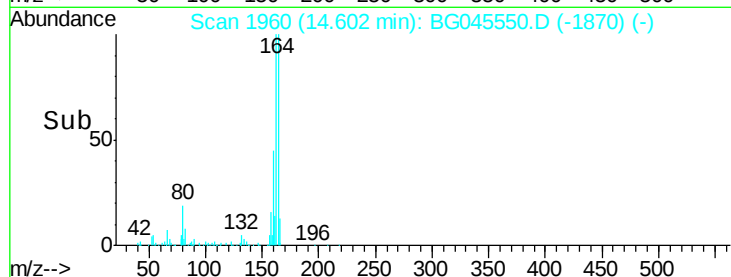
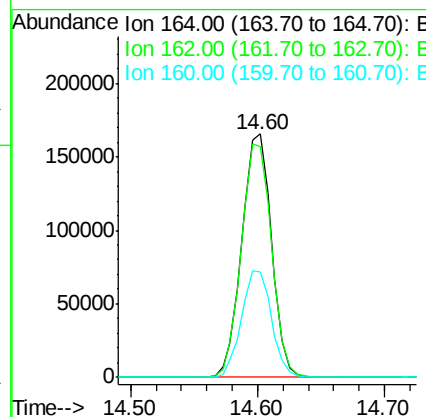
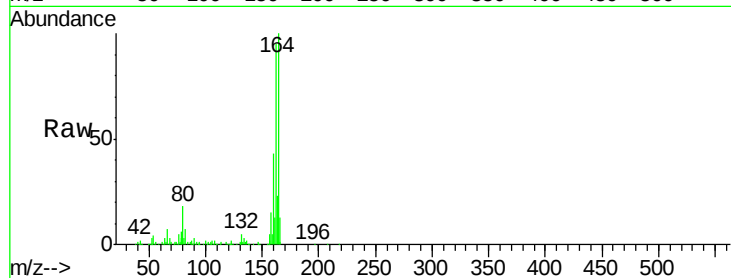
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.60 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BG045550.D
Acq: 30 May 2020 11:22

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	268584		
162	95.1	76.9	115.3	
160	43.1	33.8	50.8	

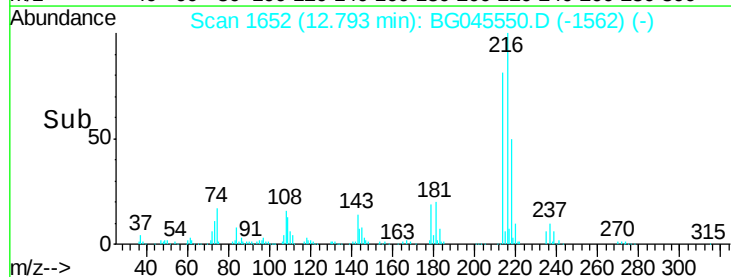
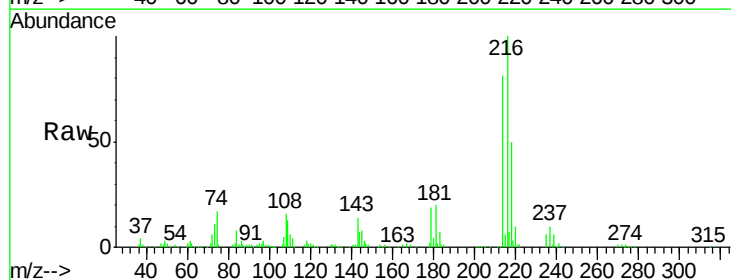
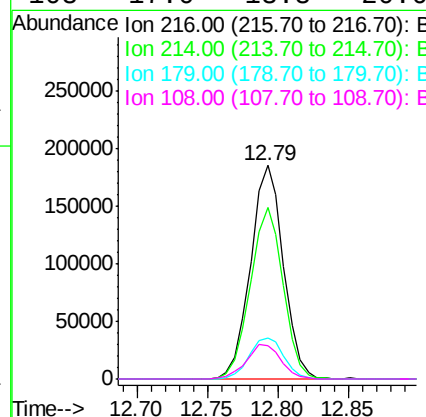
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.36 ng
RT: 12.79 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BG045550.D
Acq: 30 May 2020 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	302781		
214	80.5	63.7	95.5	
179	20.1	16.1	24.1	
108	17.0	13.8	20.6	





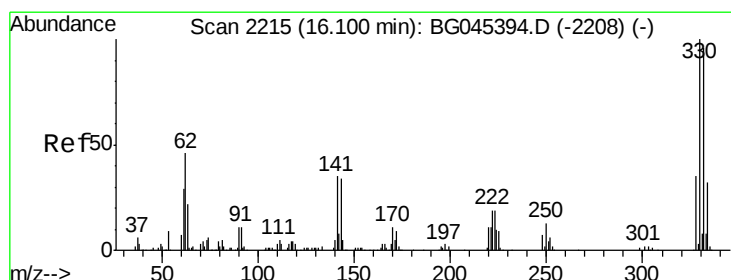
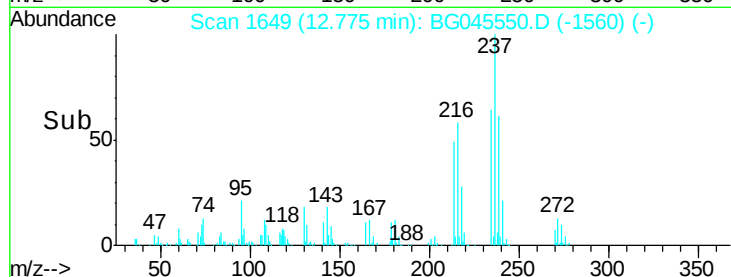
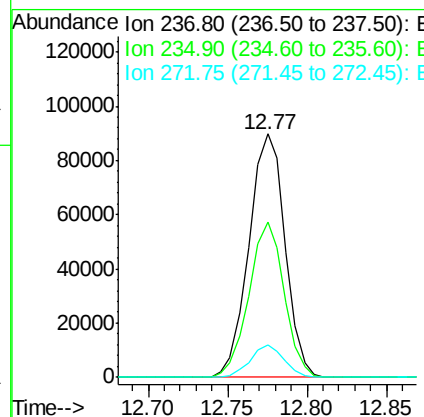
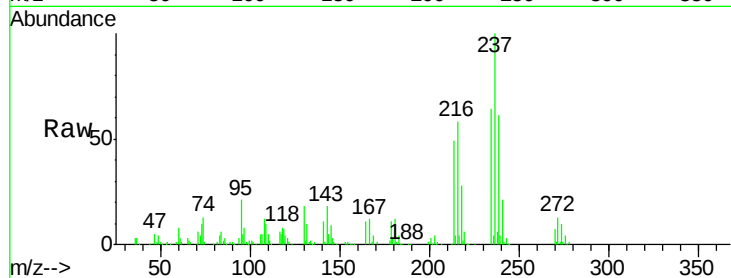
#41
Hexachlorocyclopentadiene
Concen: 32.75 ng
RT: 12.77 min Scan# 1649
Delta R.T. -0.01 min
Lab File: BG045550.D
Acq: 30 May 2020 11:22

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	141823		
235	63.7	44.4	84.4	
272	13.5	0.0	32.5	

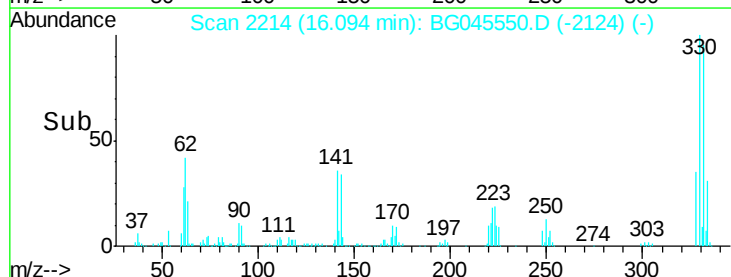
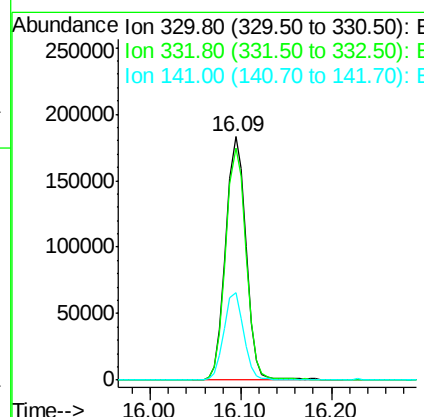
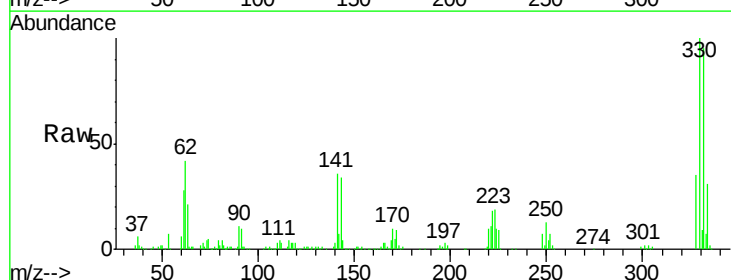
Manual Integrations
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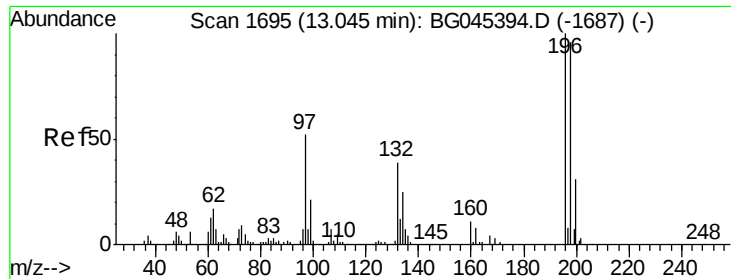
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#42
2,4,6-Tribromophenol
Concen: 82.95 ng
RT: 16.09 min Scan# 2214
Delta R.T. -0.00 min
Lab File: BG045550.D
Acq: 30 May 2020 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	284936		
332	95.9	78.2	117.4	
141	34.7	28.2	42.4	





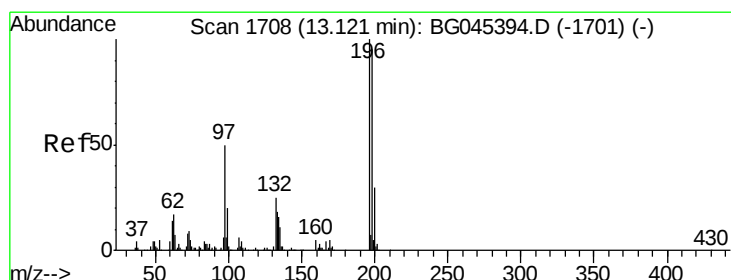
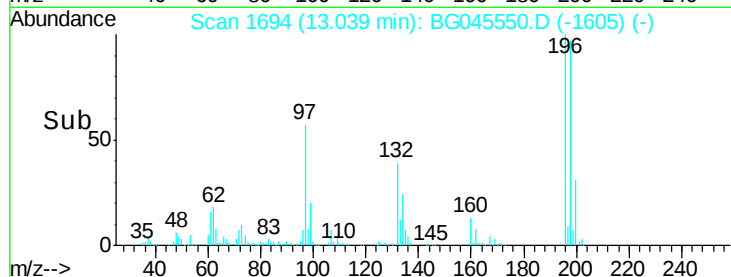
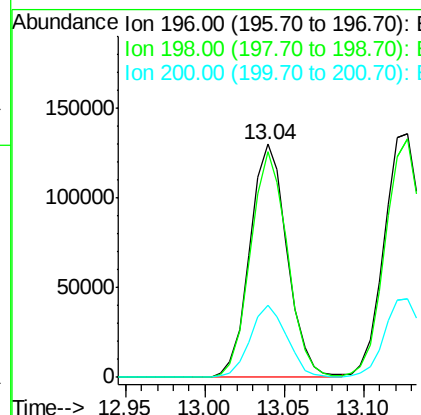
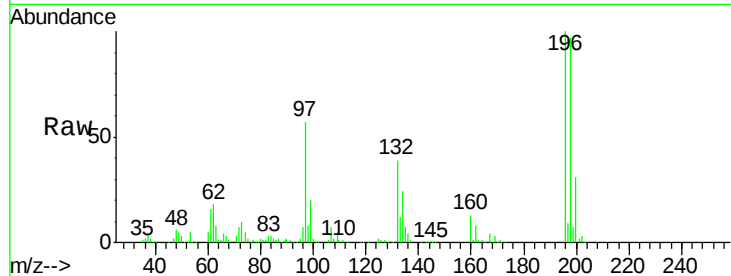
#43
 2,4,6-Trichlorophenol
 Concen: 40.93 ng
 RT: 13.04 min Scan# 1694
 Delta R.T. -0.01 min
 Lab File: BG045550.D
 Acq: 30 May 2020 11:22

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

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

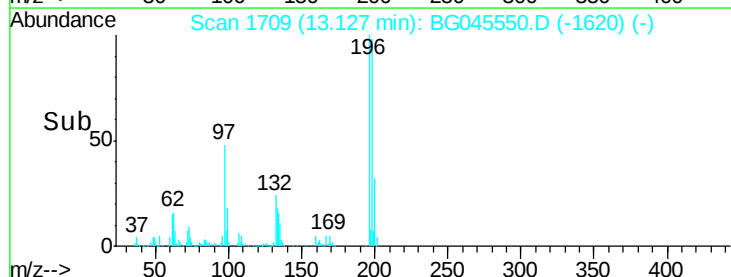
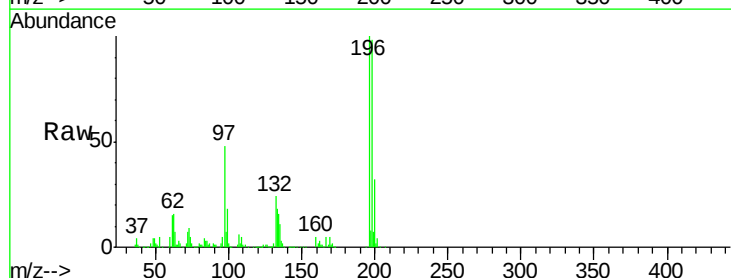
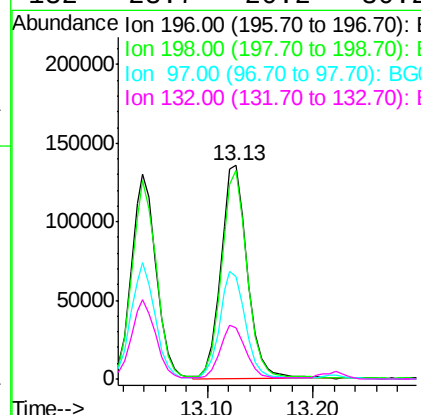
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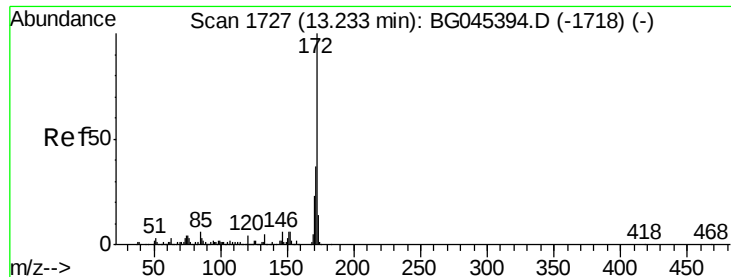
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#44
 2,4,5-Trichlorophenol
 Concen: 39.65 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.01 min
 Lab File: BG045550.D
 Acq: 30 May 2020 11:22

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





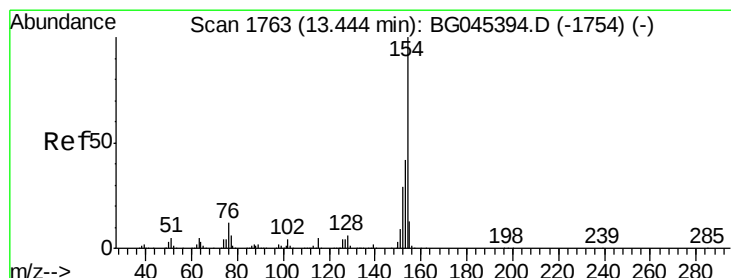
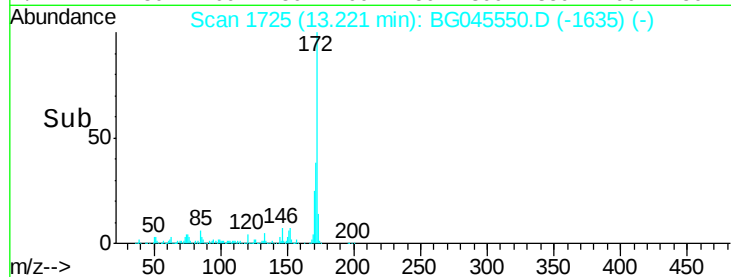
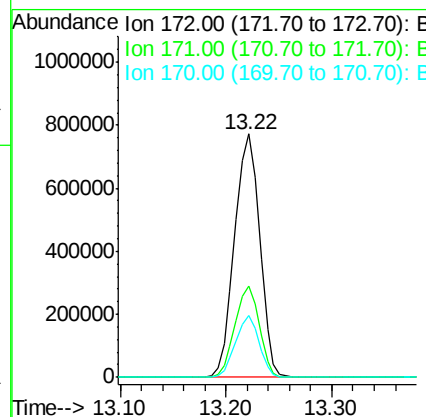
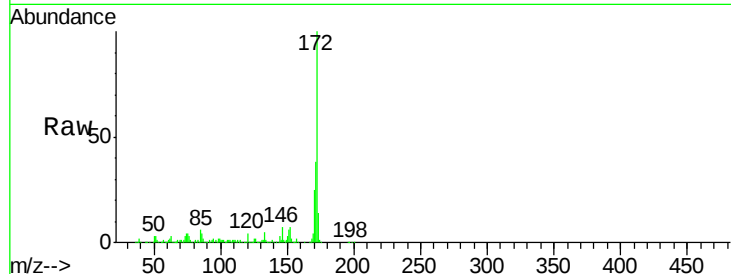
#45
2-Fluorobiphenyl
Concen: 80.09 ng
RT: 13.22 min Scan# 1725
Delta R.T. -0.00 min
Lab File: BG045550.D
Acq: 30 May 2020 11:22

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.5	44.3
170	25.3	18.5	27.7

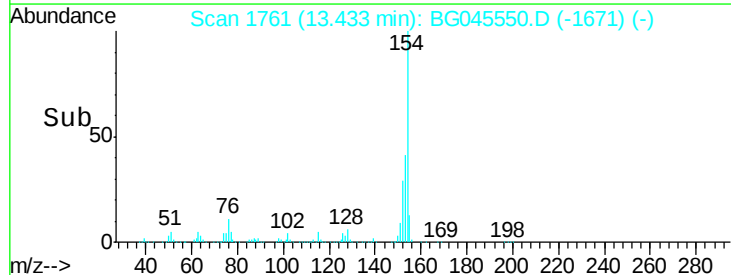
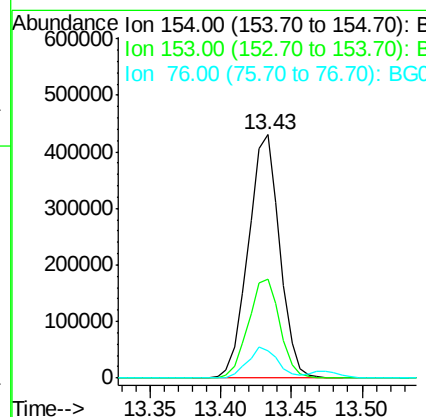
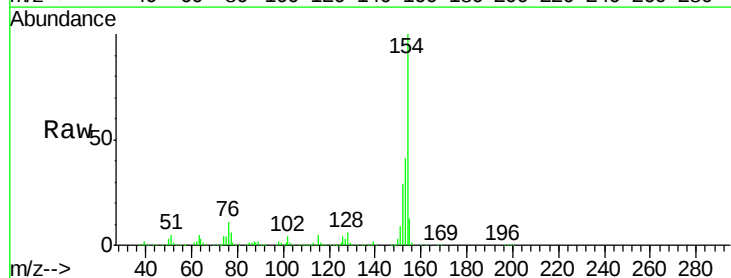
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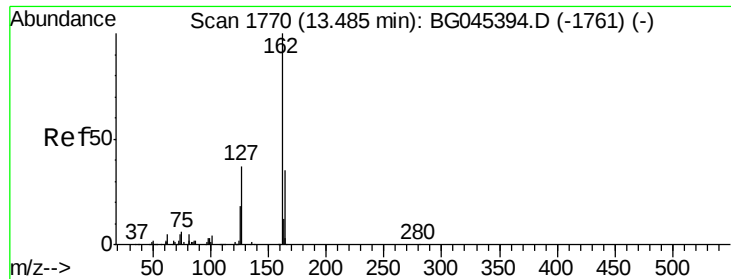
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#46
1,1'-Biphenyl
Concen: 40.57 ng
RT: 13.43 min Scan# 1761
Delta R.T. -0.00 min
Lab File: BG045550.D
Acq: 30 May 2020 11:22

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





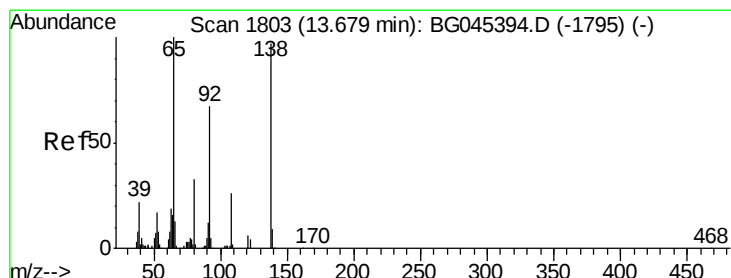
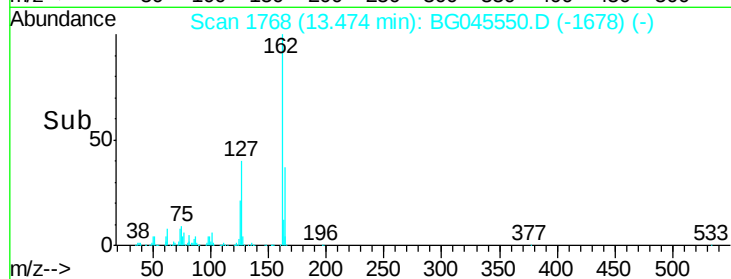
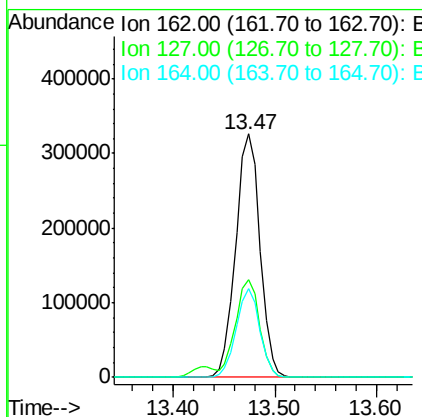
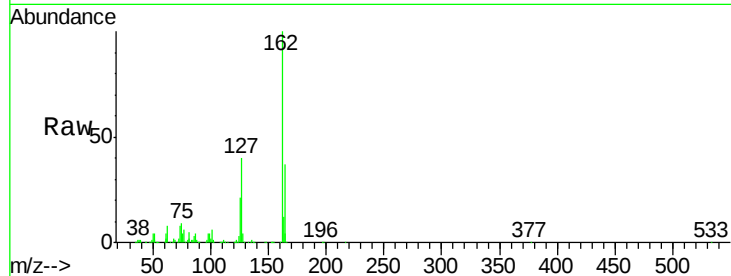
#47
2-Chloronaphthalene
Concen: 40.59 ng
RT: 13.47 min Scan# 1768
Delta R.T. -0.00 min
Lab File: BG045550.D
Acq: 30 May 2020 11:22

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	543959		
127	40.3		31.6	47.4
164	36.6		28.1	42.1

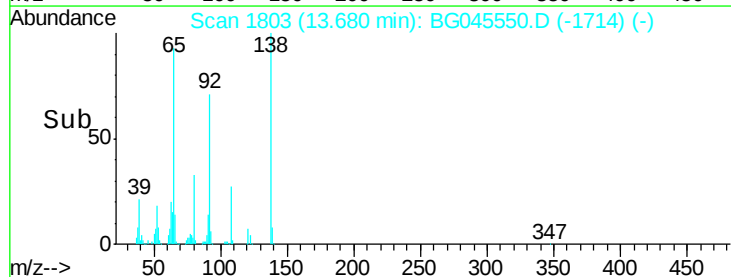
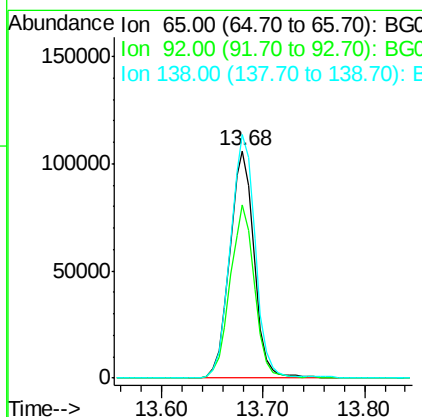
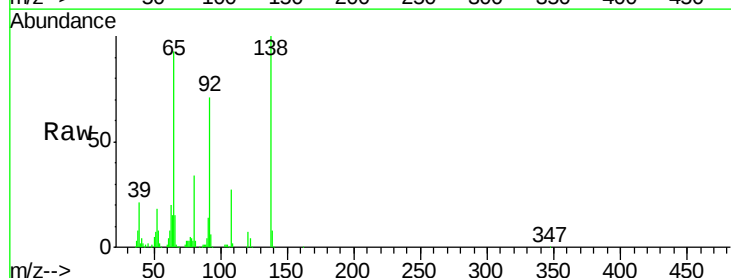
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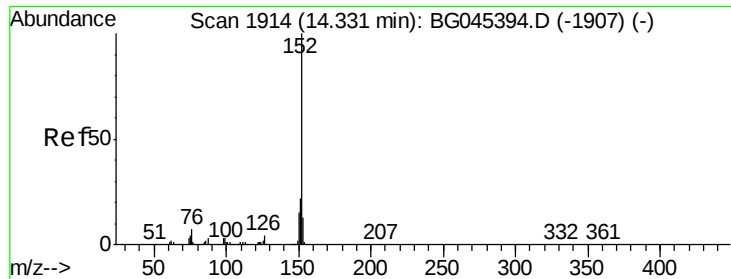
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#48
2-Nitroaniline
Concen: 40.17 ng
RT: 13.68 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BG045550.D
Acq: 30 May 2020 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	177089		
92	76.2		53.8	80.8
138	107.2		77.9	116.9





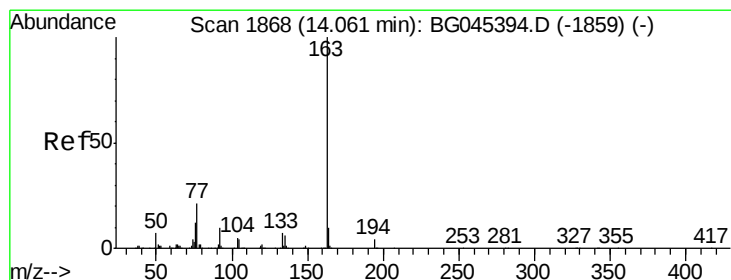
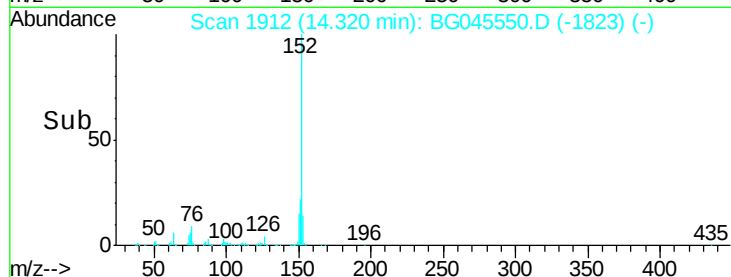
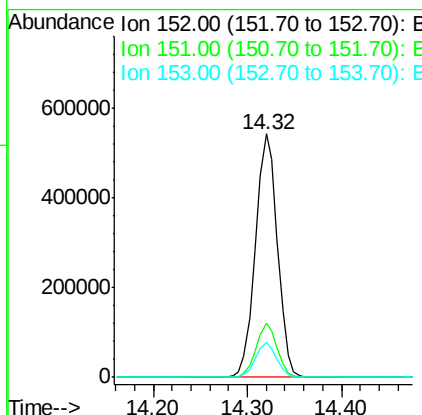
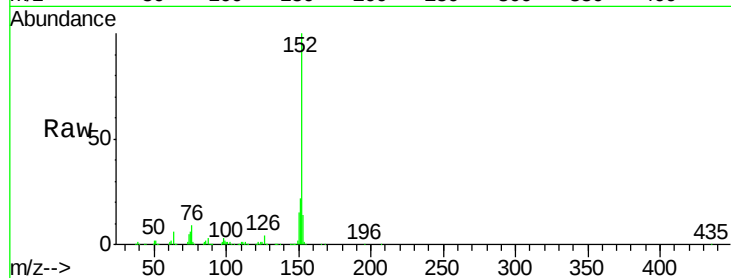
#49
Acenaphthylene
Concen: 40.73 ng
RT: 14.32 min Scan# 1912
Delta R.T. -0.01 min
Lab File: BG045550.D
Acq: 30 May 2020 11:22

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	876818		
151	22.0		17.4	26.2
153	14.4		10.7	16.1

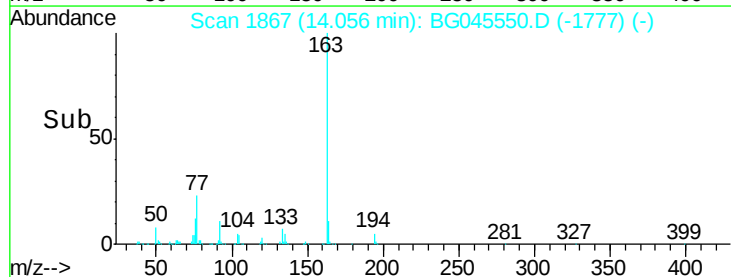
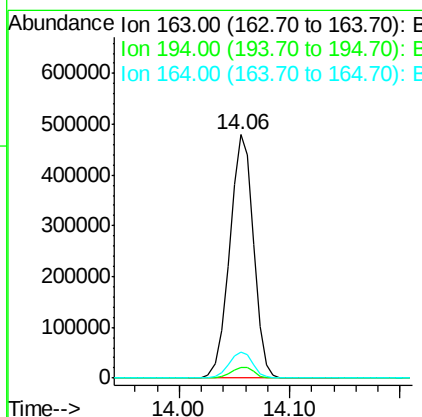
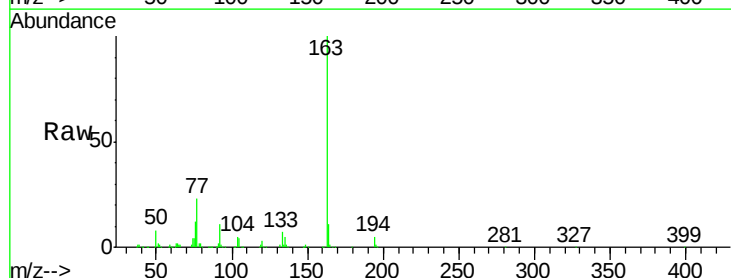
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#50
Dimethylphthalate
Concen: 39.27 ng
RT: 14.06 min Scan# 1867
Delta R.T. -0.00 min
Lab File: BG045550.D
Acq: 30 May 2020 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	723543		
194	4.5		3.2	4.8
164	10.9		8.3	12.5





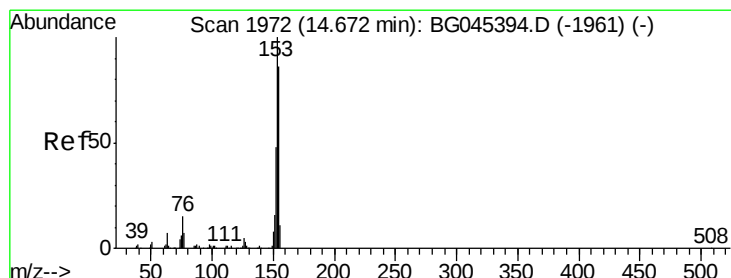
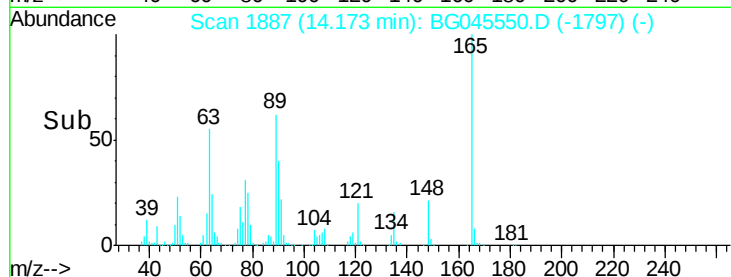
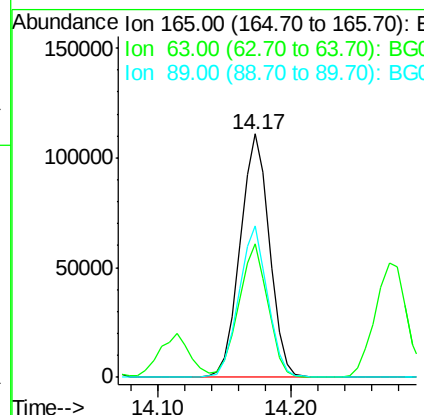
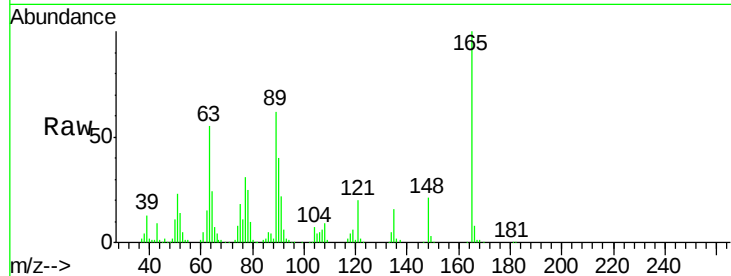
#51
 2,6-Dinitrotoluene
 Concen: 40.30 ng
 RT: 14.17 min Scan# 1887
 Delta R.T. -0.00 min
 Lab File: BG045550.D
 Acq: 30 May 2020 11:22

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	167529		
63	55.0	45.0	67.4	
89	62.2	50.2	75.4	

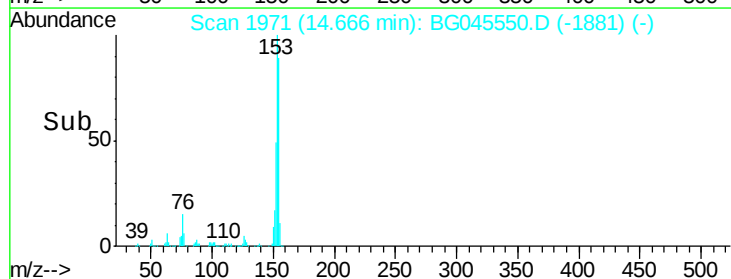
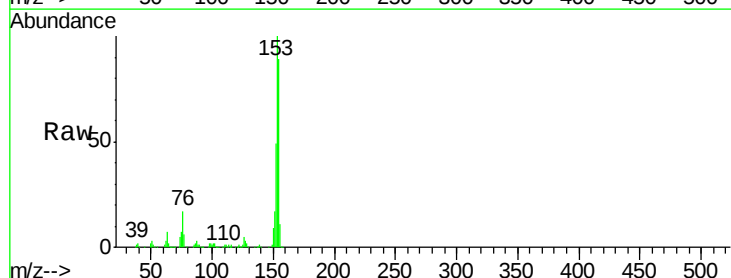
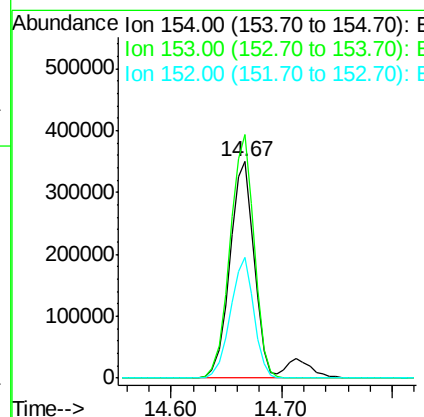
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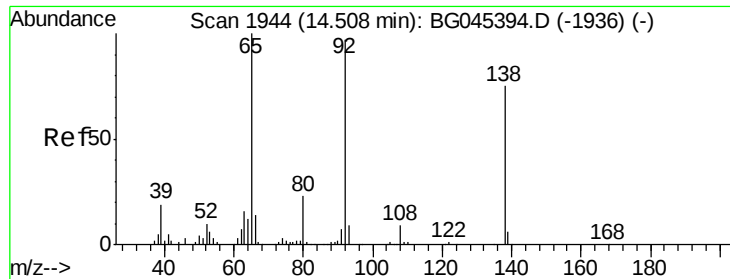
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#52
 Acenaphthene
 Concen: 40.57 ng m
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.00 min
 Lab File: BG045550.D
 Acq: 30 May 2020 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	584616		
153	112.5	92.8	139.2	
152	55.6	44.6	66.8	





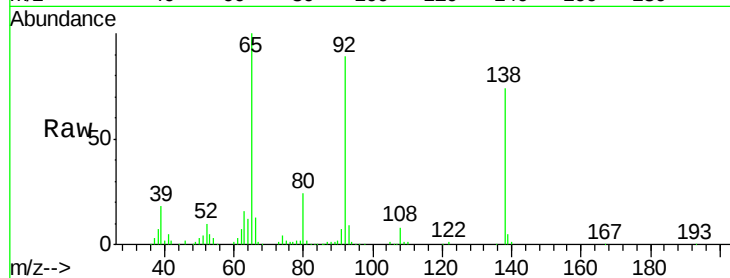
#53
3-Nitroaniline
Concen: 40.68 ng
RT: 14.51 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BG045550.D
Acq: 30 May 2020 11:22

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

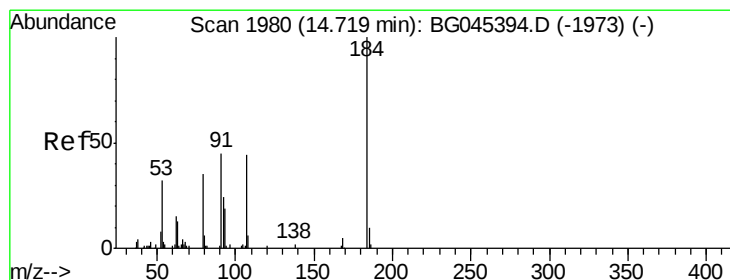
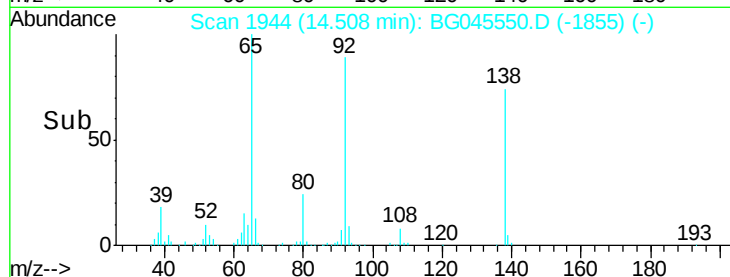
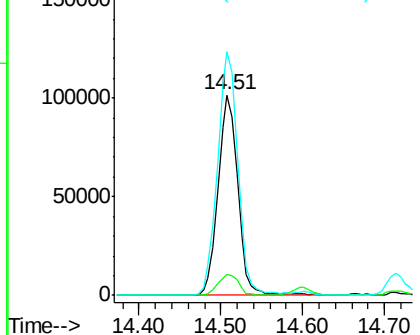
Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.7	9.8	14.6
92	121.4	103.0	154.4

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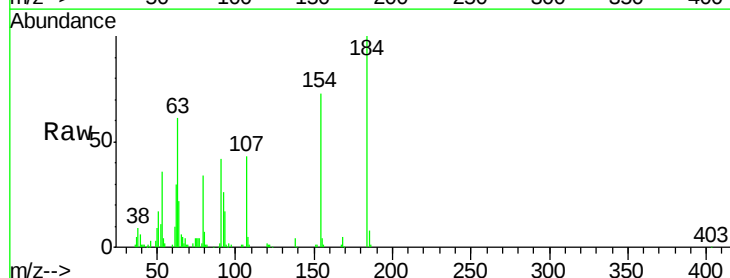


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): B

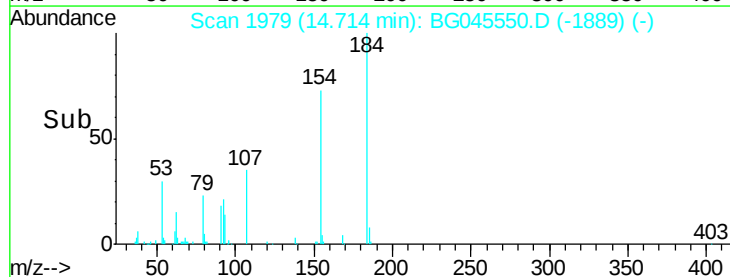
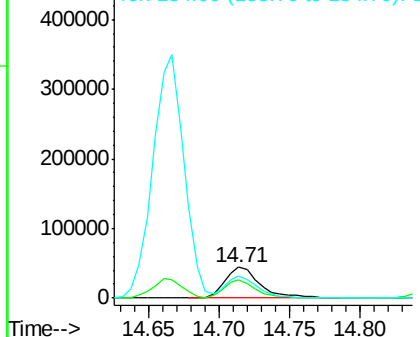


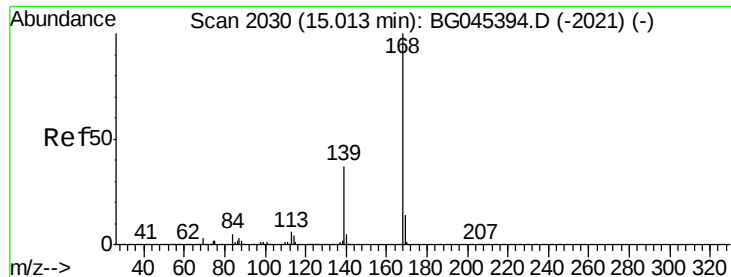
#54
2,4-Dinitrophenol
Concen: 31.45 ng
RT: 14.71 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BG045550.D
Acq: 30 May 2020 11:22

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



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): B
Ion 154.00 (153.70 to 154.70): E





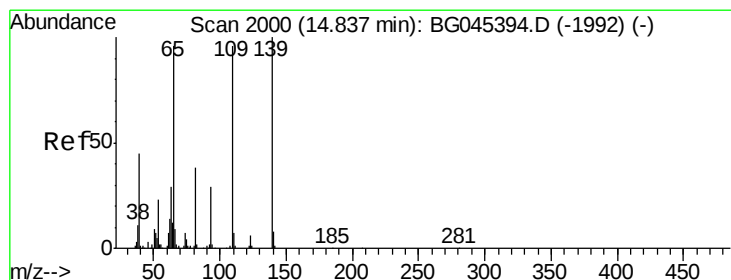
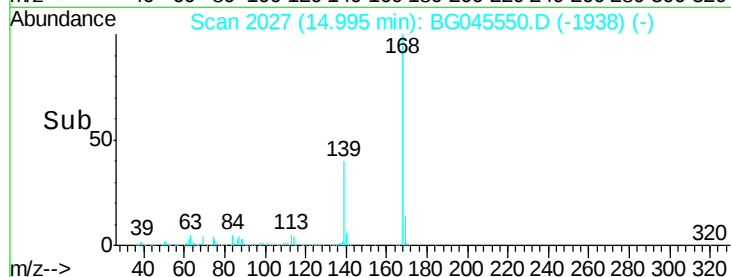
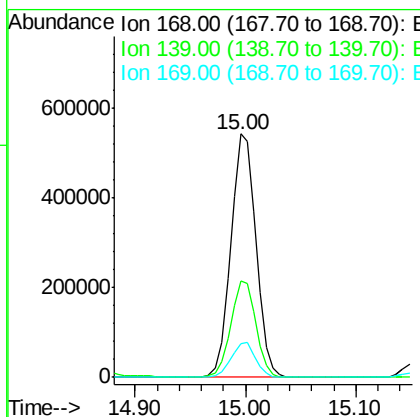
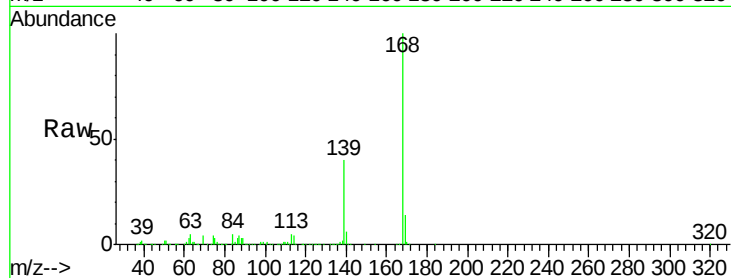
#55
Dibenzenofuran
Concen: 40.51 ng
RT: 15.00 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BG045550.D
Acq: 30 May 2020 11:22

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	866895		
139	39.7	29.9	44.9	
169	14.1	10.9	16.3	

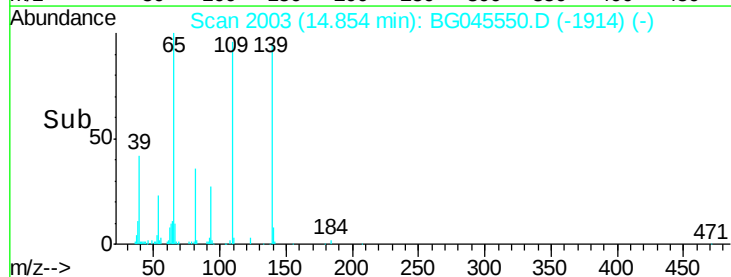
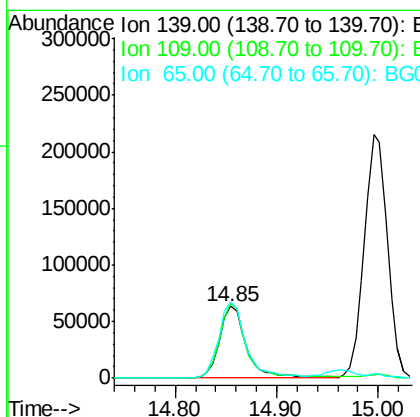
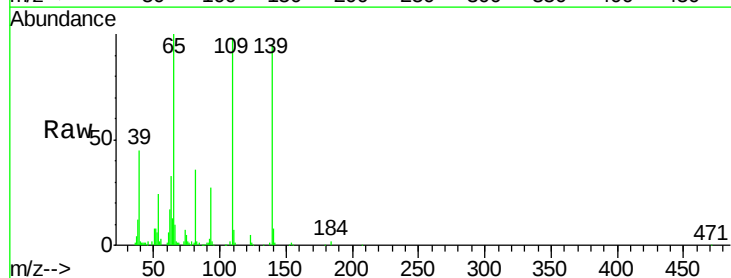
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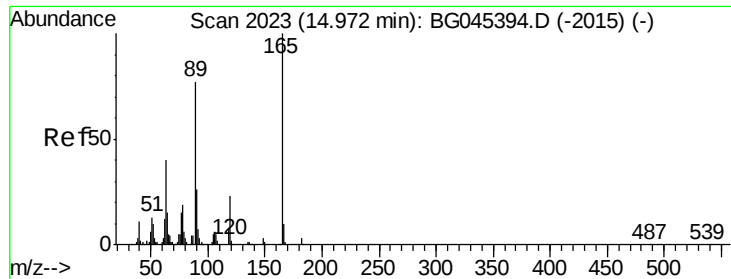
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#56
4-Nitrophenol
Concen: 37.22 ng
RT: 14.85 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BG045550.D
Acq: 30 May 2020 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	119079		
109	103.3	75.6	115.6	
65	105.5	76.8	116.8	





#57

2,4-Dinitrotoluene

Concen: 40.03 ng

RT: 14.97 min Scan# 2022

Delta R.T. -0.00 min

Lab File: BG045550.D

Acq: 30 May 2020 11:22

Instrument :

BNA_G

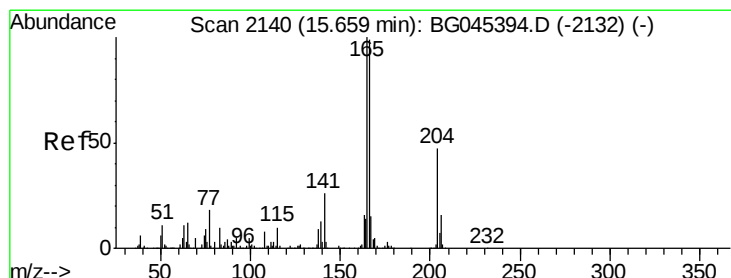
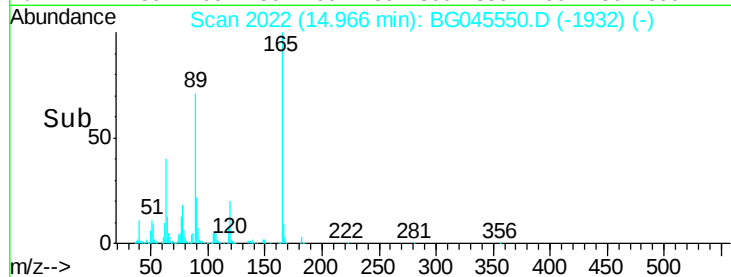
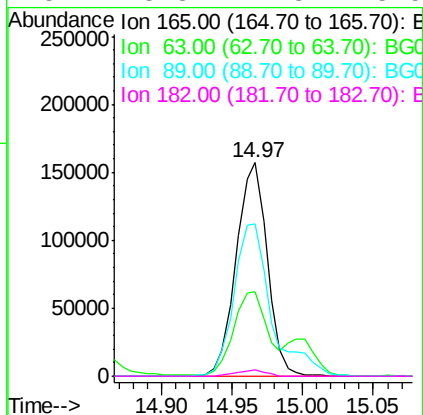
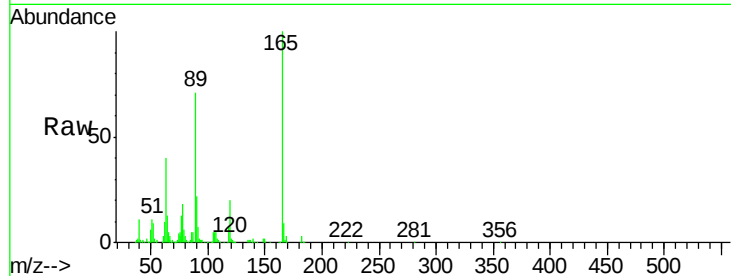
ClientSampleId :

SSTDCCC040

Tgt Ion:	165	Resp:	241046
Ion Ratio	Lower	Upper	
165	100		
63	39.7	32.5	48.7
89	71.5	61.8	92.6
182	3.3	2.3	3.5

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#58

Fluorene

Concen: 40.80 ng

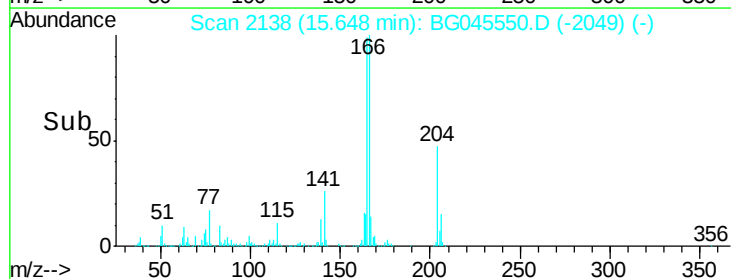
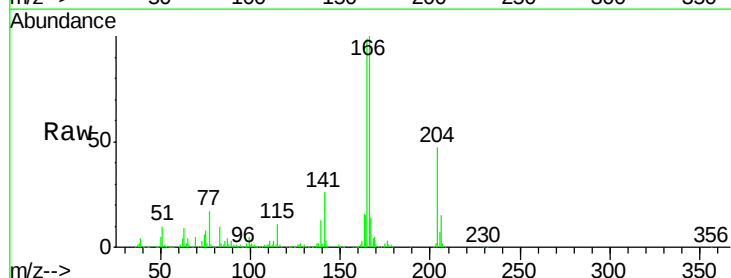
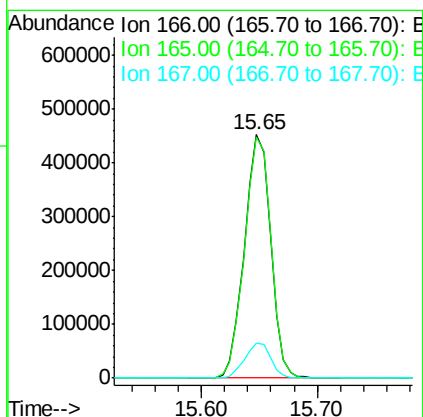
RT: 15.65 min Scan# 2138

Delta R.T. -0.01 min

Lab File: BG045550.D

Acq: 30 May 2020 11:22

Tgt Ion:	166	Resp:	717251
Ion Ratio	Lower	Upper	
166	100		
165	98.9	80.8	121.2
167	14.3	12.0	18.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 40.13 ng

RT: 15.24 min Scan# 2068

Delta R.T. -0.00 min

Lab File: BG045550.D

Acq: 30 May 2020 11:22

Instrument :

BNA_G

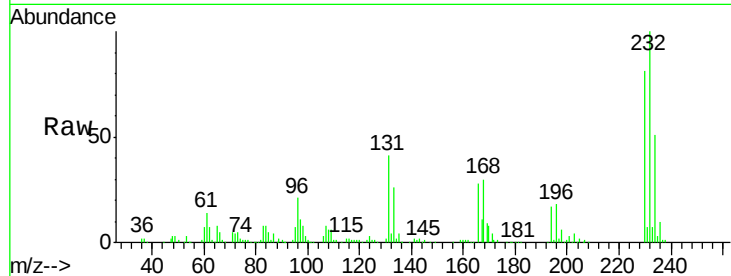
ClientSampleId :

SSTDCCC040

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

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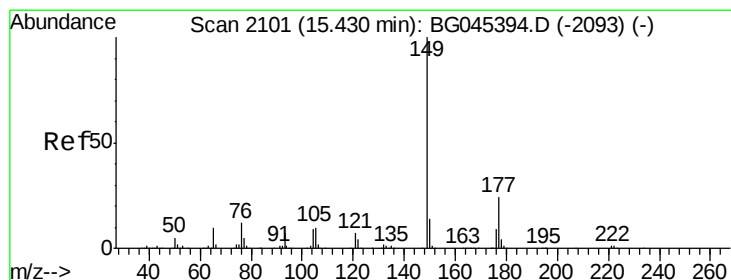
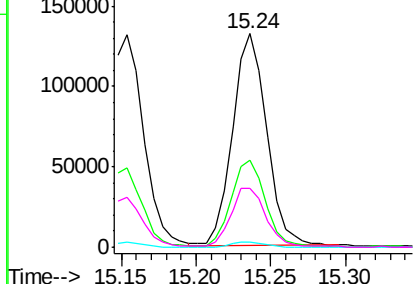
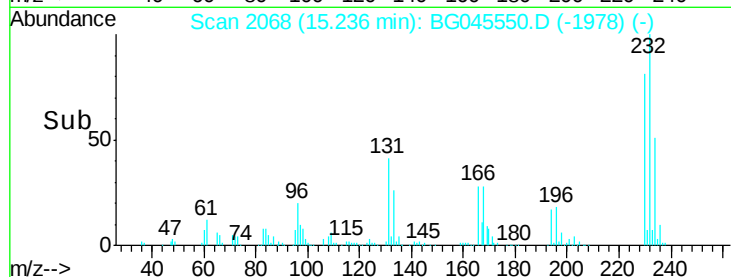


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 39.52 ng

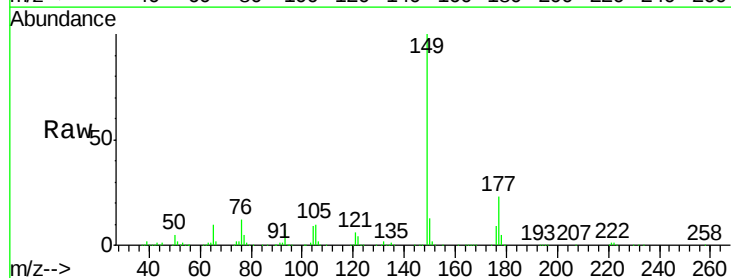
RT: 15.42 min Scan# 2099

Delta R.T. -0.00 min

Lab File: BG045550.D

Acq: 30 May 2020 11:22

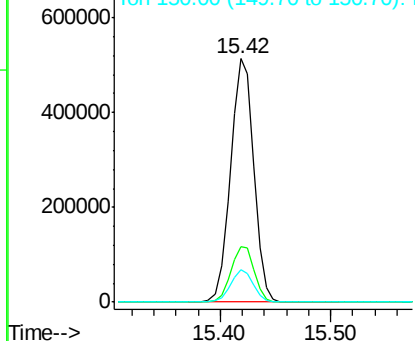
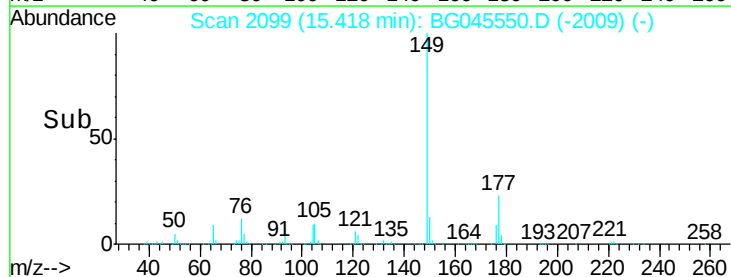
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	757800		
177	22.9	19.0	28.4	
150	13.5	11.4	17.0	

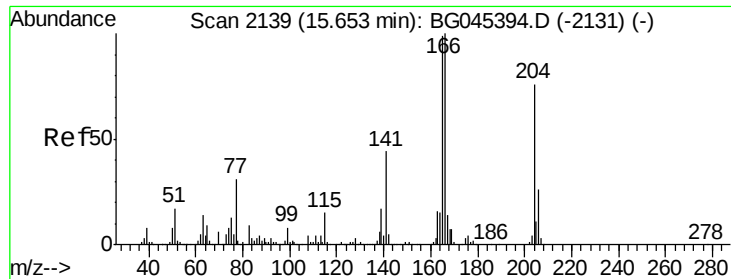


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





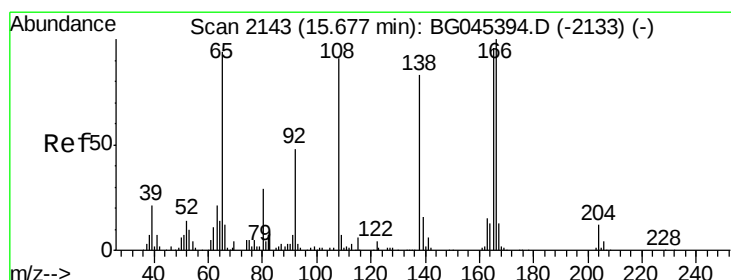
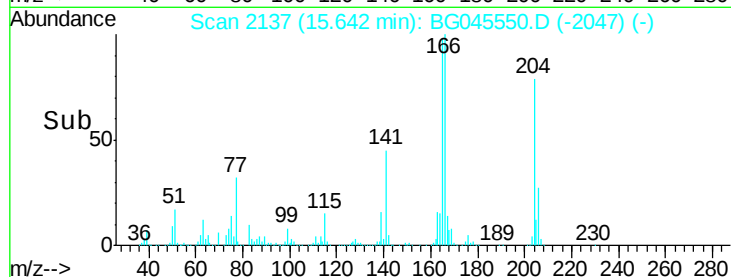
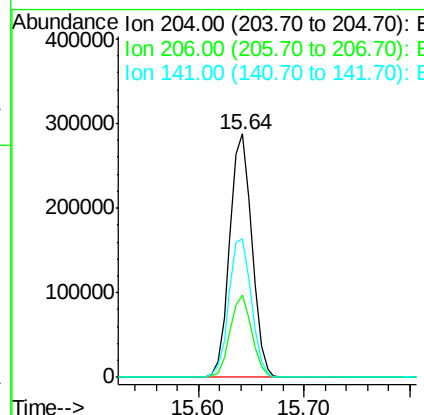
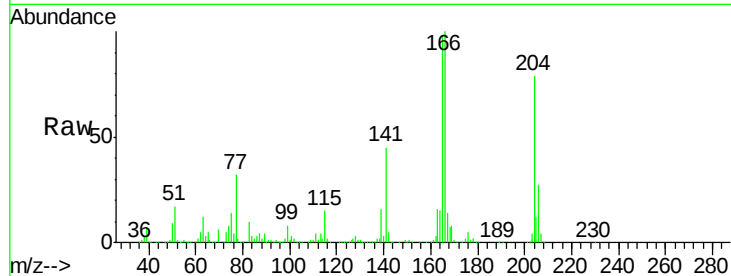
#61
 4-Chlorophenyl-phenylether
 Concen: 41.49 ng
 RT: 15.64 min Scan# 2137
 Delta R.T. -0.00 min
 Lab File: BG045550.D
 Acq: 30 May 2020 11:22

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	417383		
206	33.9	27.3	40.9	
141	57.2	45.9	68.9	

Manual Integrations
 APPROVED

mohammad
 6/1/2020 12:22:59 PM



#62
 4-Nitroaniline
 Concen: 40.23 ng
 RT: 15.68 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: BG045550.D
 Acq: 30 May 2020 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	177499		
92	59.6	38.0	78.0	
108	112.1	89.3	129.3	

