

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

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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 5/22/2020 2:56:17 PM

Quant Time: May 21 15:08:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 20 14:43:36 2020
 Response via : Initial Calibration

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

System Monitoring Compounds

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

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.41	88	76860	37.750	ng	100
3) Pyridine	3.81	79	224726	39.631	ng	99
4) n-Nitrosodimethylamine	3.73	42	70271	37.871	ng	95
6) Aniline	7.29	93	308305	40.415	ng	99
8) 2-Chlorophenol	7.54	128	181464	40.303	ng	98
9) Benzaldehyde	7.09	77	152512	40.057	ng	97
10) Phenol	7.21	94	253178	42.037	ng	95
11) bis(2-Chloroethyl)ether	7.38	93	191087	40.676	ng	98
12) 1,3-Dichlorobenzene	7.85	146	216126	39.944	ng	98
13) 1,4-Dichlorobenzene	8.00	146	215509	40.360	ng	97
14) 1,2-Dichlorobenzene	8.31	146	206263	40.163	ng	93
15) Benzyl Alcohol	8.21	79	204654	42.394	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.50	45	177852	39.884	ng	99
17) 2-Methylphenol	8.45	107	188137	41.734	ng	97
18) Hexachloroethane	9.05	117	82836	40.505	ng	94
19) n-Nitroso-di-n-propylamine	8.77	70	174220	43.113	ng	99
20) 3+4-Methylphenols	8.78	107	254822m	41.511	ng	
22) Acetophenone	8.78	105	320456	40.841	ng	# 92
24) Nitrobenzene	9.17	77	258287	39.710	ng	98
25) Isophorone	9.69	82	491543	41.113	ng	99
26) 2-Nitrophenol	9.88	139	113160	40.669	ng	91
27) 2,4-Dimethylphenol	9.97	122	173763	42.106	ng	96
28) bis(2-Chloroethoxy)methane	10.18	93	253532	40.435	ng	98
29) 2,4-Dichlorophenol	10.45	162	202979	41.652	ng	99
30) 1,2,4-Trichlorobenzene	10.63	180	236153	41.010	ng	99
31) Naphthalene	10.82	128	618068	40.064	ng	99
32) Benzoic acid	10.16	122	137406	48.756	ng	99
33) 4-Chloroaniline	10.94	127	277521	43.036	ng	95
34) Hexachlorobutadiene	11.12	225	166128	40.813	ng	99
35) Caprolactam	11.71	113	75511	42.215	ng	93
36) 4-Chloro-3-methylphenol	12.10	107	233674	42.553	ng	96
37) 2-Methylnaphthalene	12.43	142	482712	41.981	ng	98
38) 1-Methylnaphthalene	12.65	142	450962	41.519	ng	92
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	270061	38.718	ng	99

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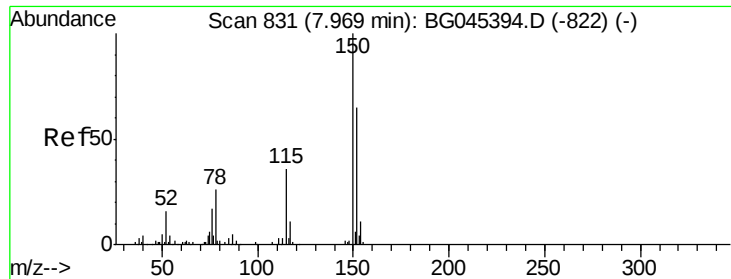
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	155275	38.569	ng	96
43) 2,4,6-Trichlorophenol	13.05	196	193739	39.985	ng	99
44) 2,4,5-Trichlorophenol	13.15	196	222585	40.200	ng	97
46) 1,1'-Biphenyl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

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.96 min Scan# 829

Delta R.T. 0.00 min

Lab File: BG045438.D

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Instrument :

BNA_G

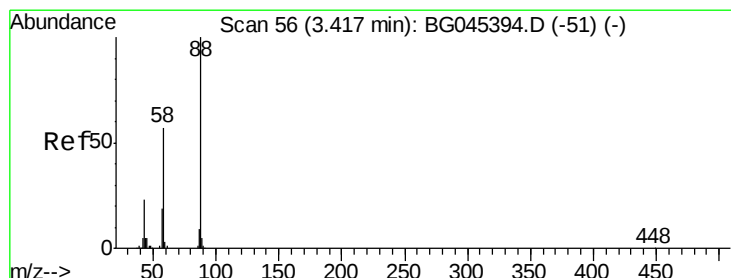
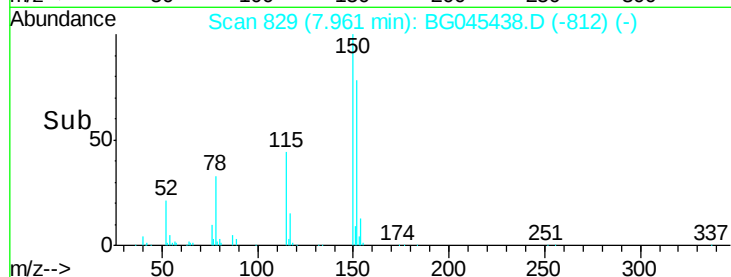
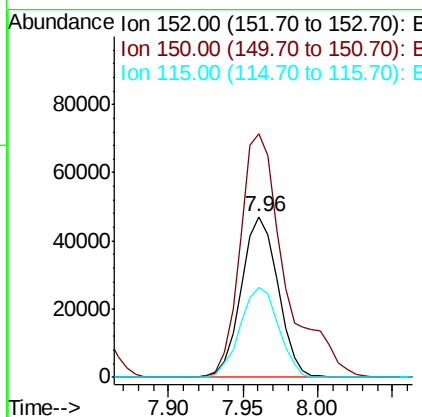
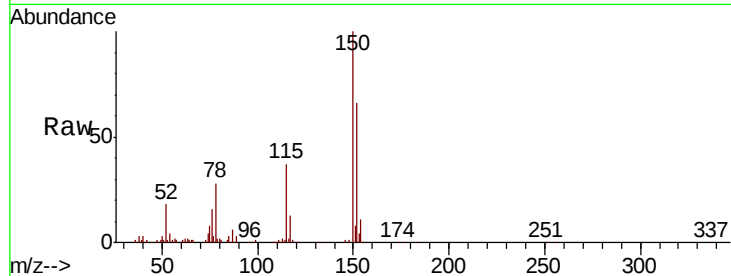
ClientSampleId :

SSTDCCC040

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

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#2

1,4-Dioxane

Concen: 37.750 ng

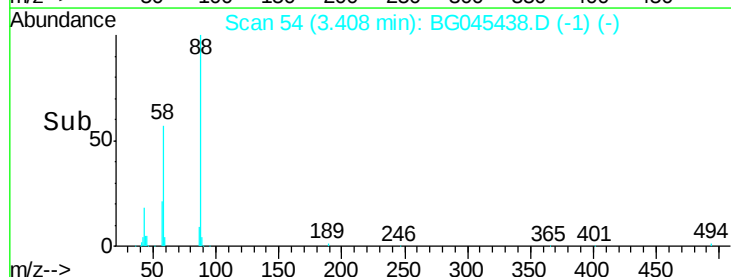
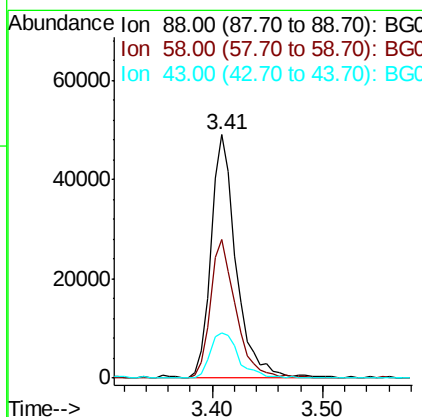
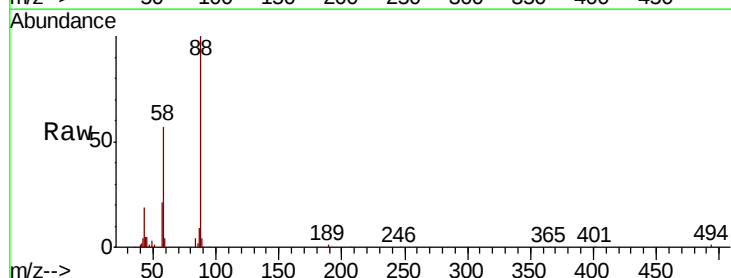
RT: 3.41 min Scan# 54

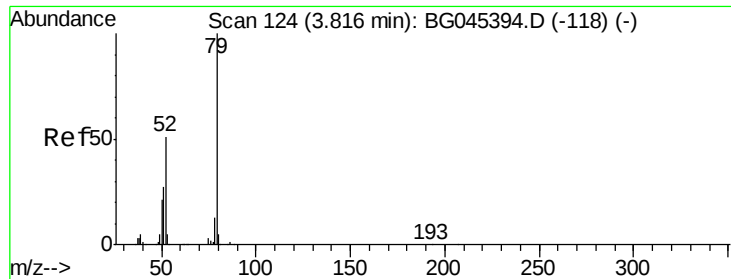
Delta R.T. 0.00 min

Lab File: BG045438.D

Acq: 21 May 2020 12:44

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





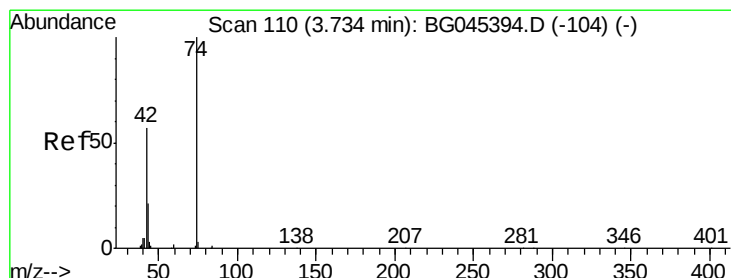
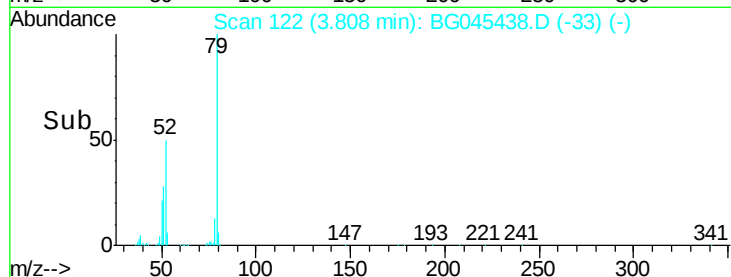
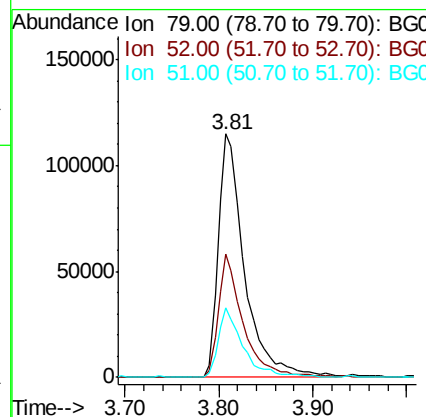
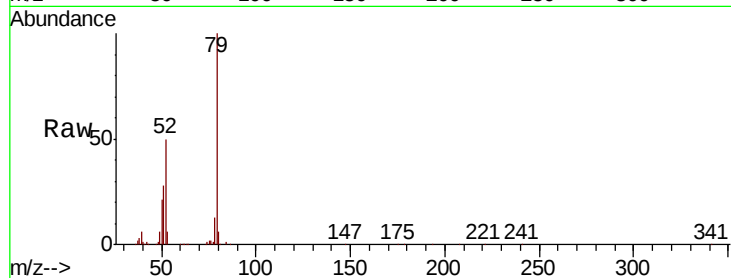
#3
 Pvridine
 Concen: 39.631 ng
 RT: 3.81 min Scan# 122
 Delta R.T. -0.00 min
 Lab File: BG045438.D
 Acq: 21 May 2020 12:44

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
52	50.4	40.8	61.2
51	28.4	21.9	32.9

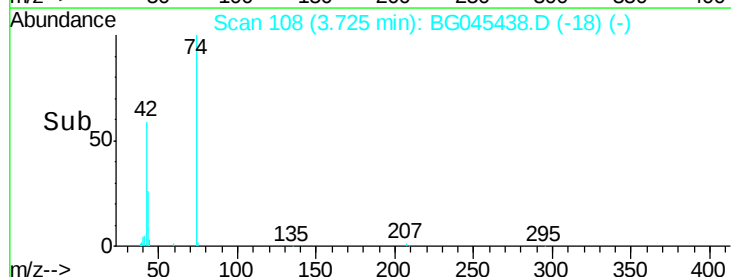
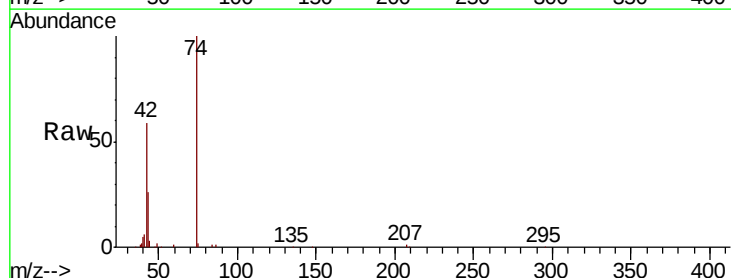
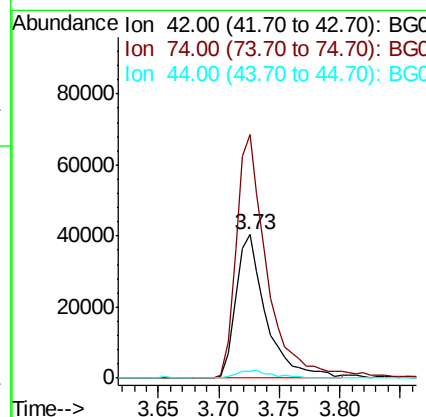
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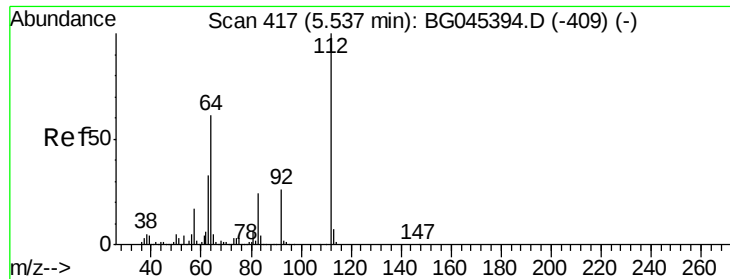
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#4
 n-Nitrosodimethylamine
 Concen: 37.871 ng
 RT: 3.73 min Scan# 108
 Delta R.T. 0.00 min
 Lab File: BG045438.D
 Acq: 21 May 2020 12:44

Tgt Ion	Ratio	Lower	Upper
42	100		
74	169.9	141.3	211.9
44	5.0	4.2	6.4





#5

2-Fluorophenol

Concen: 80.099 ng

RT: 5.56 min Scan# 421

Delta R.T. -0.00 min

Lab File: BG045438.D

Acq: 21 May 2020 12:44

Instrument :

BNA_G

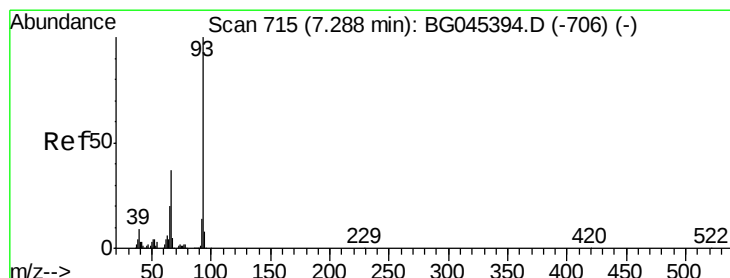
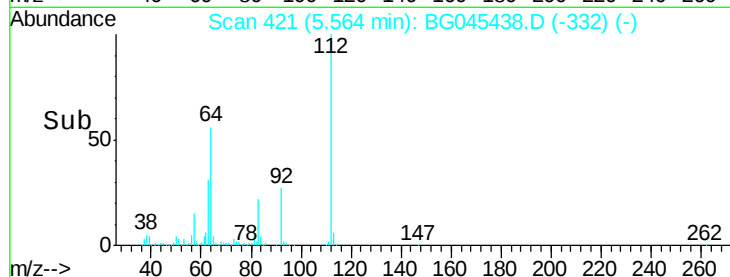
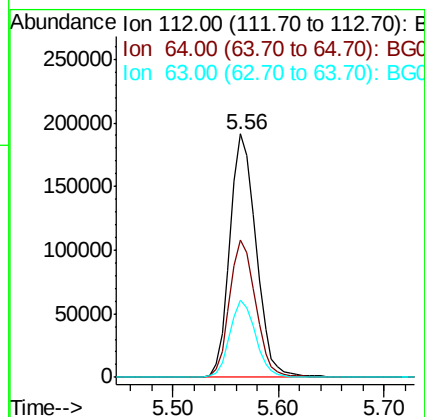
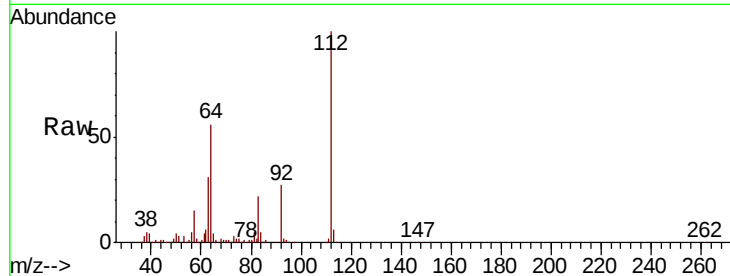
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	328867
Ion Ratio	Lower	Upper	
112	100		
64	56.5	48.6	72.8
63	31.5	26.5	39.7

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#6

Aniline

Concen: 40.415 ng

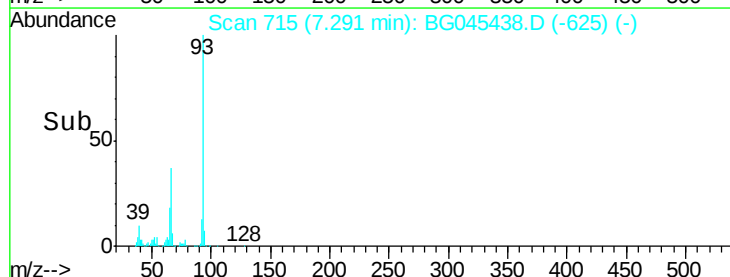
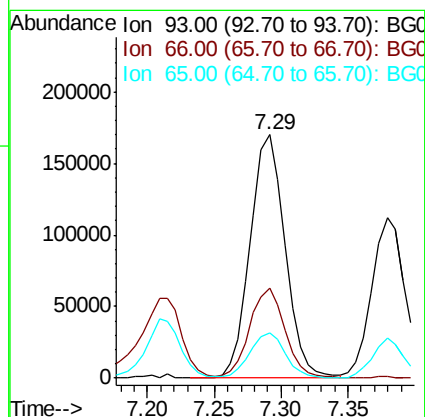
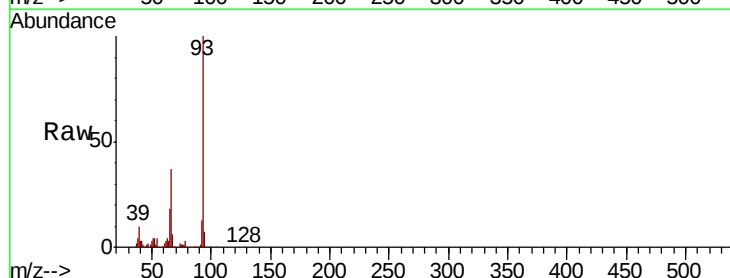
RT: 7.29 min Scan# 715

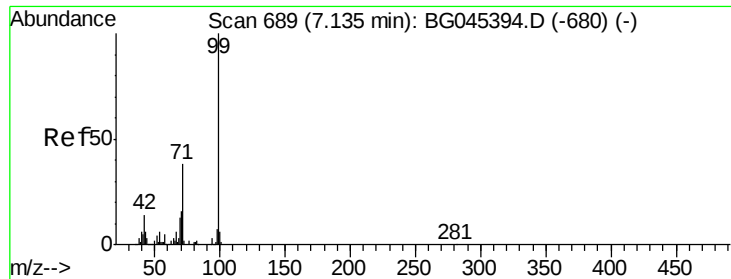
Delta R.T. 0.00 min

Lab File: BG045438.D

Acq: 21 May 2020 12:44

Tgt Ion:	93	Resp:	308305
Ion Ratio	Lower	Upper	
93	100		
66	37.2	29.6	44.4
65	18.4	15.9	23.9





#7

Phenol-d6

Concen: 83.746 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG045438.D

Acq: 21 May 2020 12:44

Instrument :

BNA_G

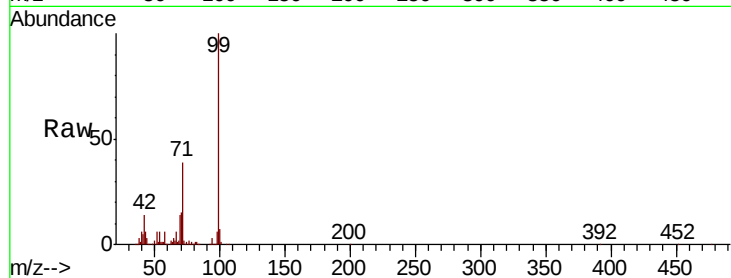
ClientSampleId :

SSTDCCC040

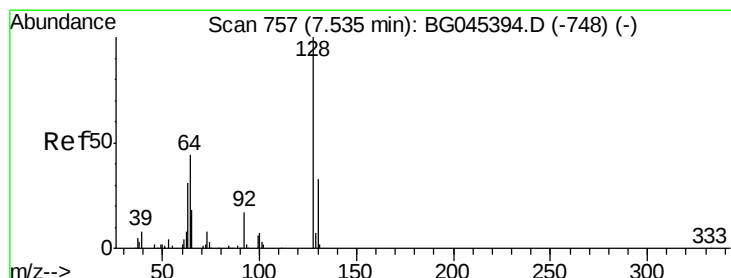
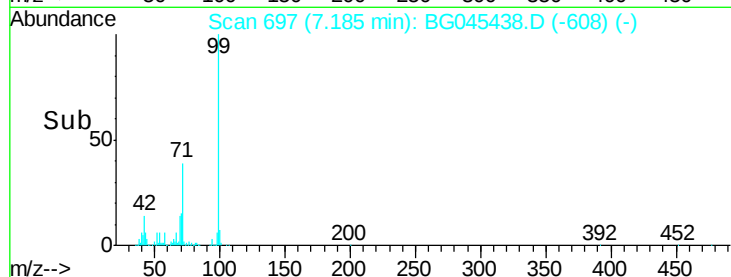
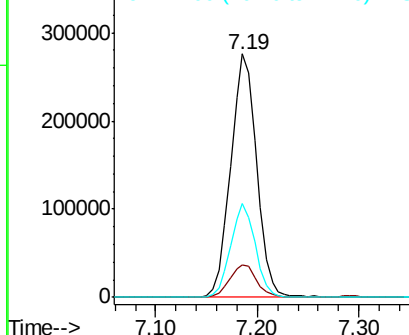
Tot Ion:	99	Resp:	489391
Ion Ratio	Lower	Upper	
99	100		
42	13.6	11.3	16.9
71	38.6	30.8	46.2

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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 40.303 ng

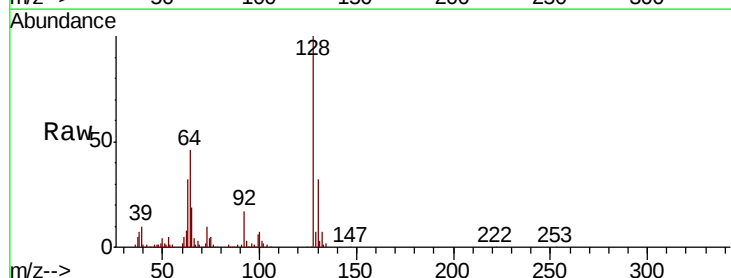
RT: 7.54 min Scan# 758

Delta R.T. -0.00 min

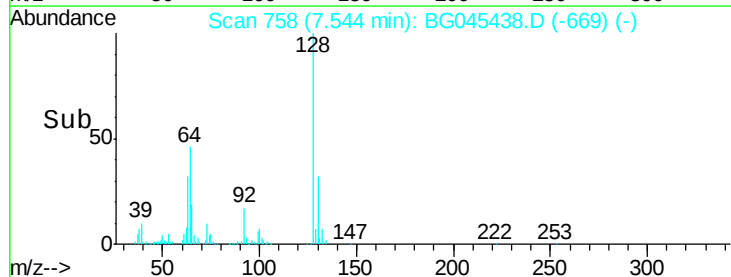
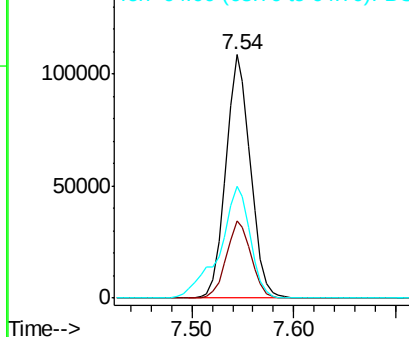
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Acq: 21 May 2020 12:44

Tgt Ion:	128	Resp:	181464
Ion Ratio	Lower	Upper	
128	100		
130	31.6	12.6	52.6
64	46.1	27.0	67.0



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





#9

Benzaldehyde

Concen: 40.057 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.00 min

Lab File: BG045438.D

Acq: 21 May 2020 12:44

Instrument :

BNA_G

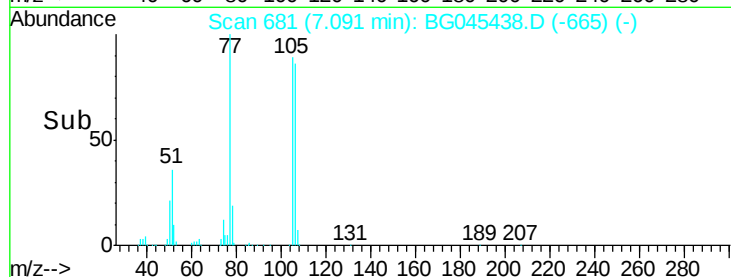
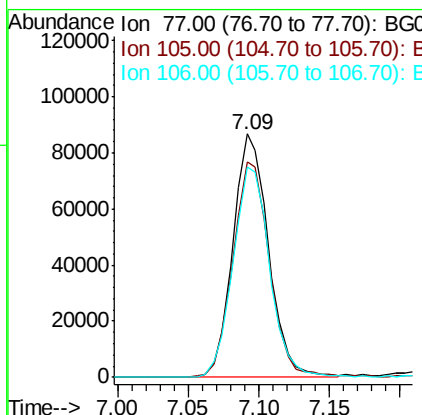
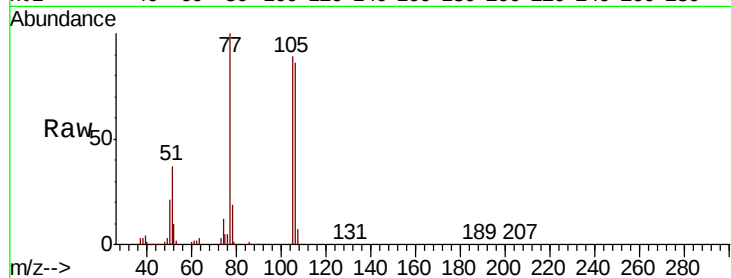
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	152512
Ion Ratio	Lower	Upper	
77	100		
105	88.7	68.5	108.5
106	86.4	71.6	111.6

Manual Integrations
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#10

Phenol

Concen: 42.037 ng

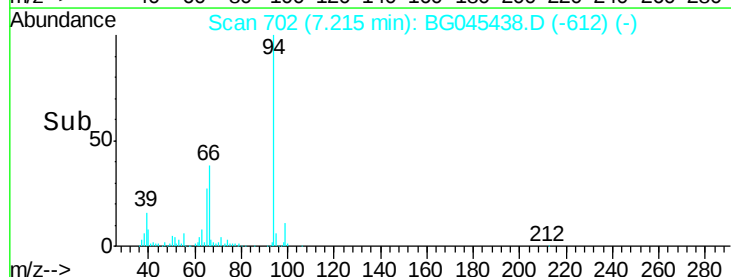
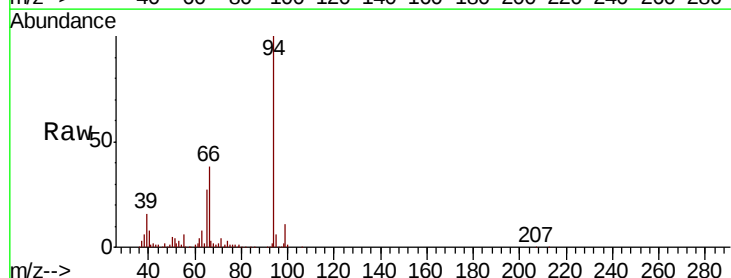
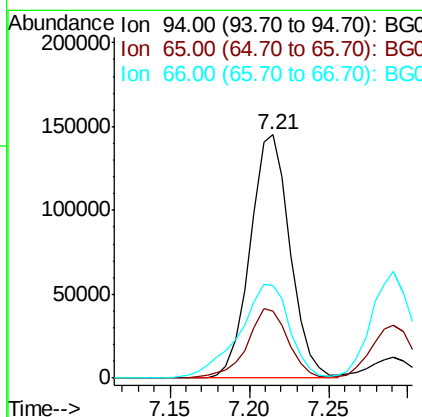
RT: 7.21 min Scan# 702

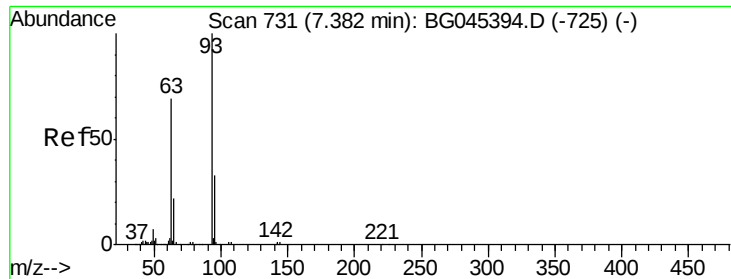
Delta R.T. 0.00 min

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Tgt Ion:	94	Resp:	253178
Ion Ratio	Lower	Upper	
94	100		
65	27.4	9.8	49.8
66	38.2	22.0	62.0





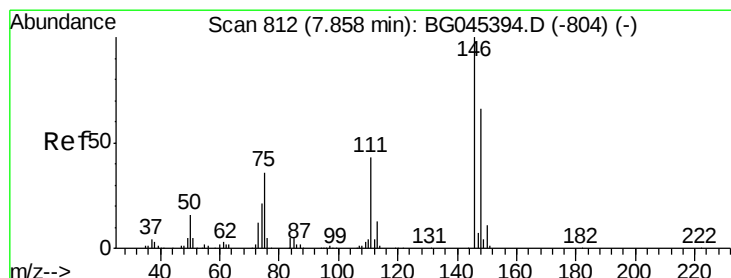
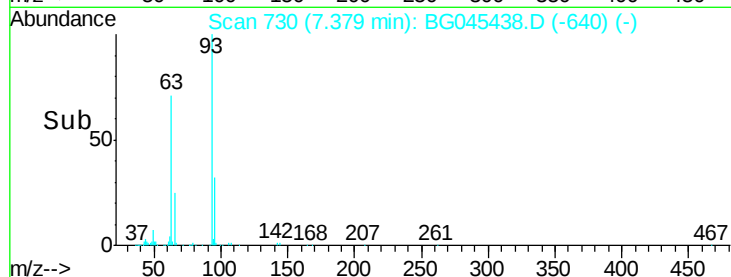
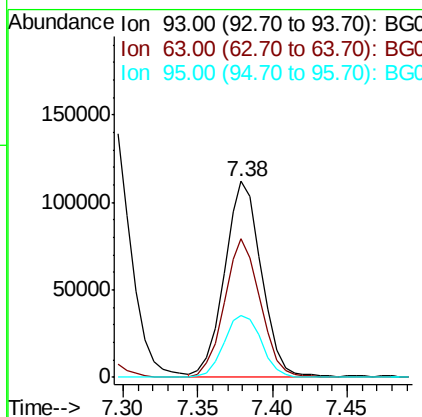
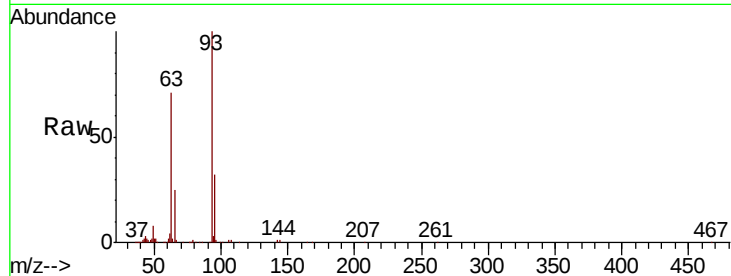
#11
bis(2-Chloroethyl)ether
Concen: 40.676 ng
RT: 7.38 min Scan# 730
Delta R.T. 0.00 min
Lab File: BG045438.D
Acq: 21 May 2020 12:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

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

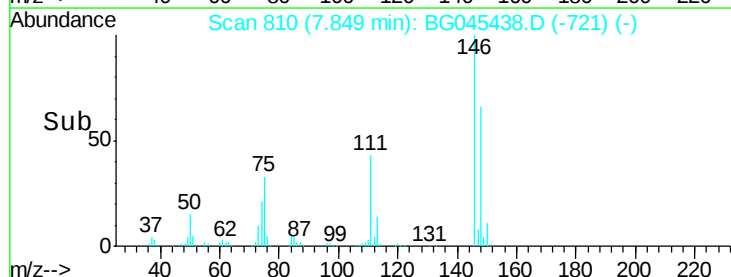
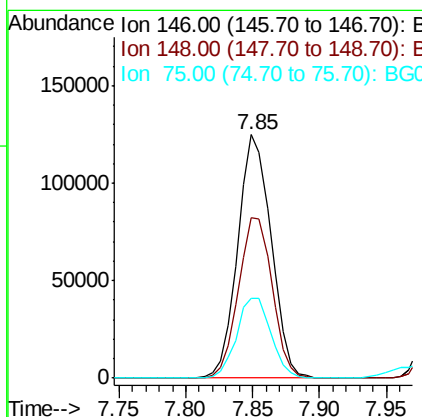
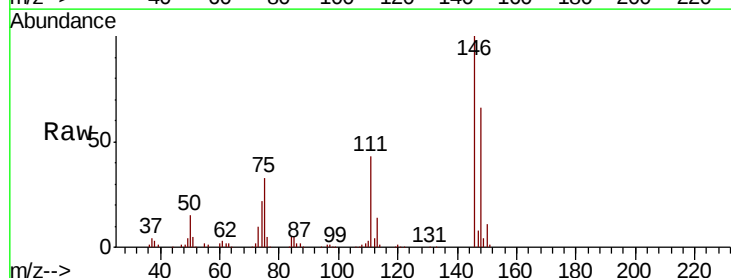
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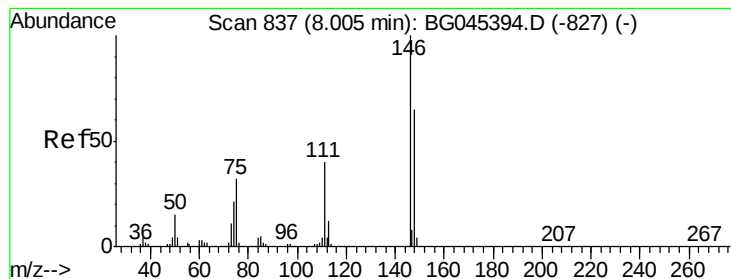
mohammad
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#12
1,3-Dichlorobenzene
Concen: 39.944 ng
RT: 7.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BG045438.D
Acq: 21 May 2020 12:44

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





#13

1,4-Dichlorobenzene

Concen: 40.360 ng

RT: 8.00 min Scan# 835

Delta R.T. 0.00 min

Lab File: BG045438.D

Acq: 21 May 2020 12:44

Instrument :

BNA_G

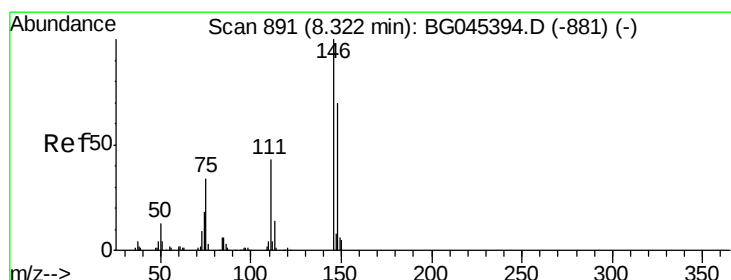
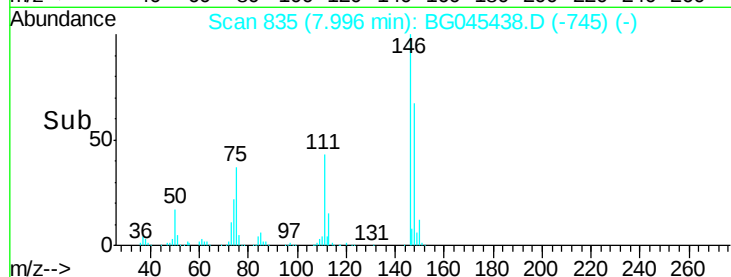
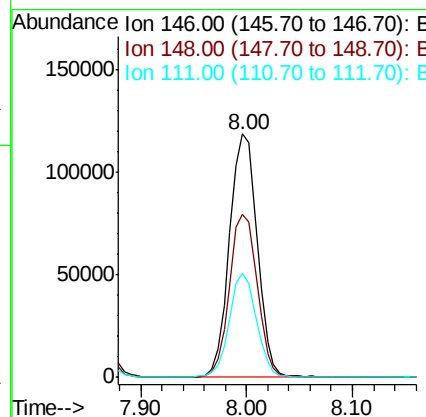
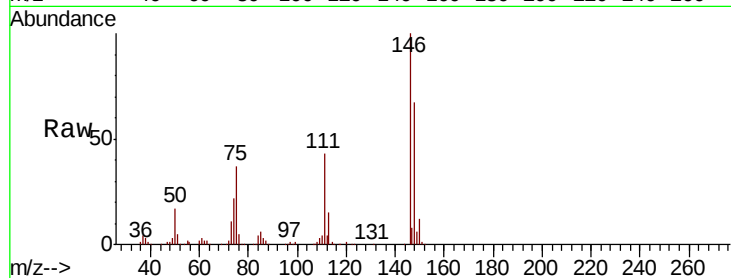
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	215509
Ion Ratio	Lower	Upper	
146	100		
148	66.9	51.8	77.8
111	43.0	32.1	48.1

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#14

1,2-Dichlorobenzene

Concen: 40.163 ng

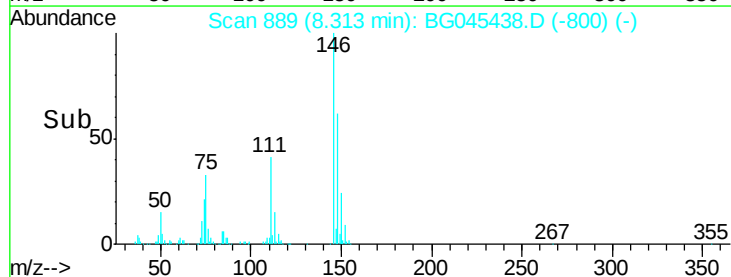
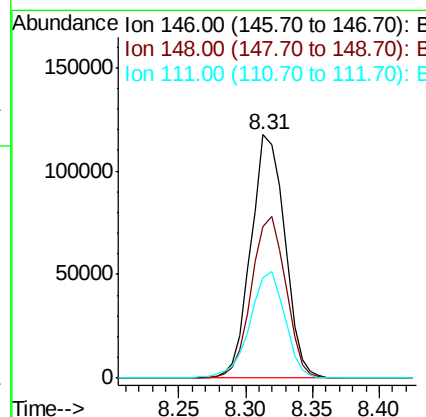
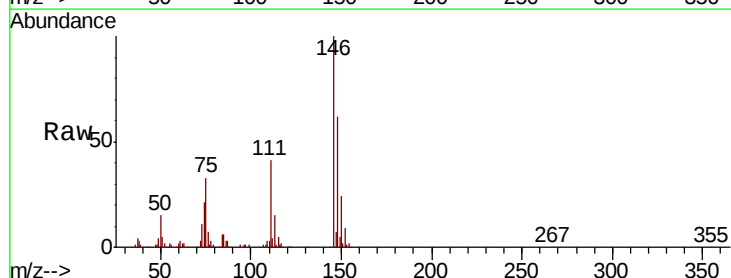
RT: 8.31 min Scan# 889

Delta R.T. -0.00 min

Lab File: BG045438.D

Acq: 21 May 2020 12:44

Tgt Ion:	146	Resp:	206263
Ion Ratio	Lower	Upper	
146	100		
148	62.5	55.9	83.9
111	40.9	35.0	52.4





#15

Benzyl Alcohol

Concen: 42.394 ng

RT: 8.21 min Scan# 872

Delta R.T. -0.00 min

Lab File: BG045438.D

Acq: 21 May 2020 12:44

Instrument :

BNA_G

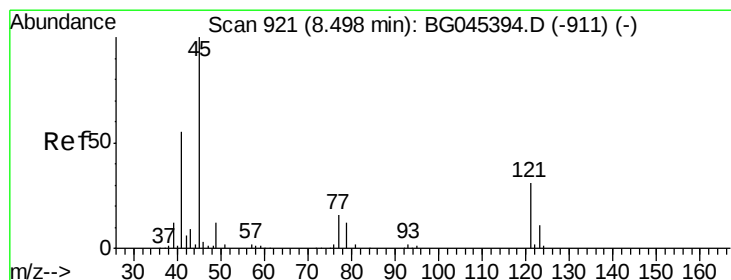
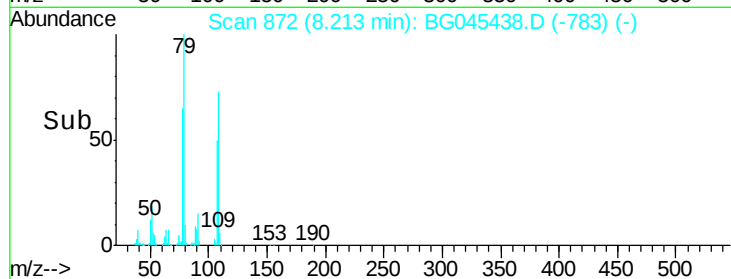
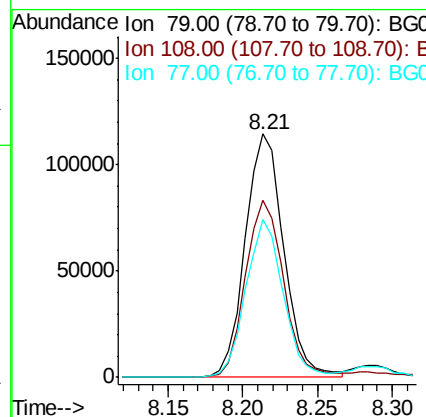
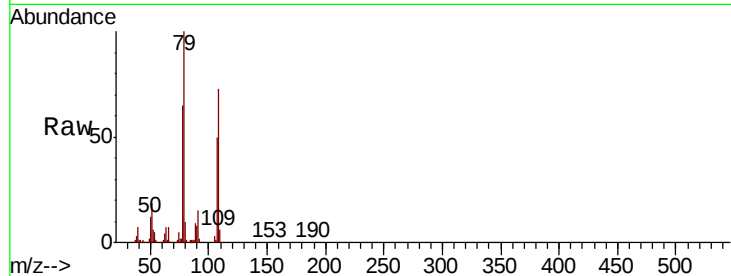
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	204654
Ion	Ratio	Lower	Upper
79	100		
108	72.7	58.2	87.4
77	65.1	51.0	76.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.884 ng

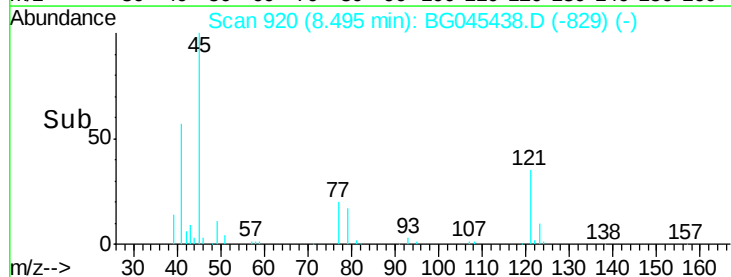
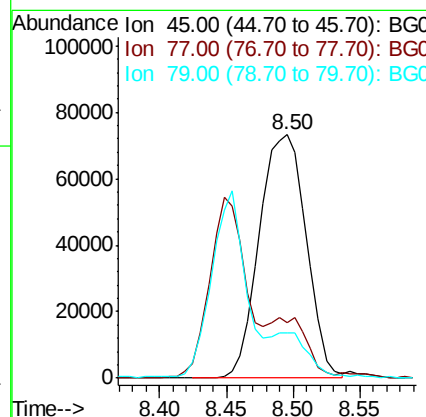
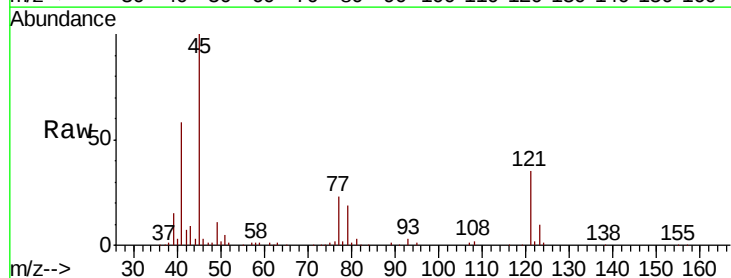
RT: 8.50 min Scan# 920

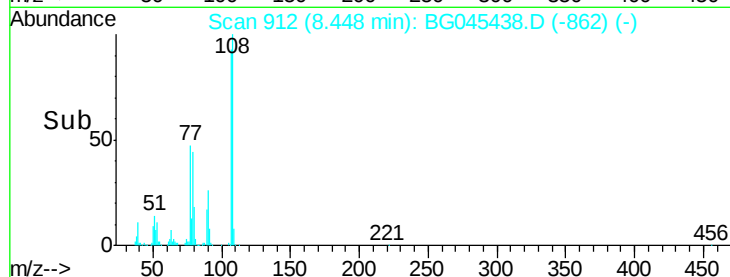
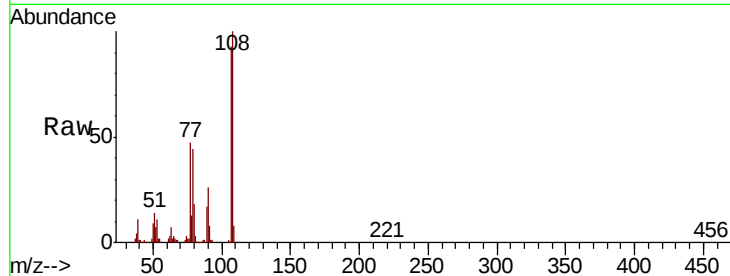
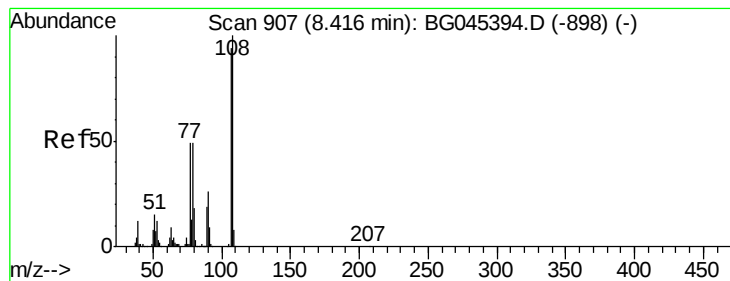
Delta R.T. 0.01 min

Lab File: BG045438.D

Acq: 21 May 2020 12:44

Tgt Ion:	45	Resp:	177852
Ion	Ratio	Lower	Upper
45	100		
77	23.0	4.0	44.0
79	18.8	0.0	38.6





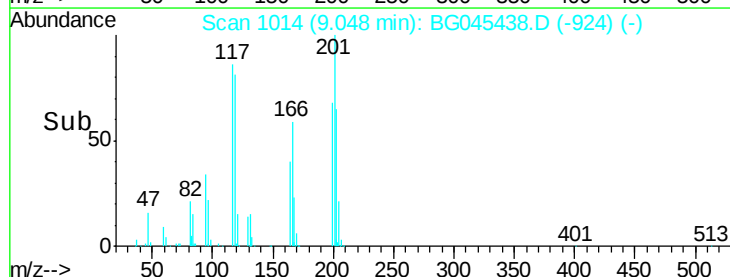
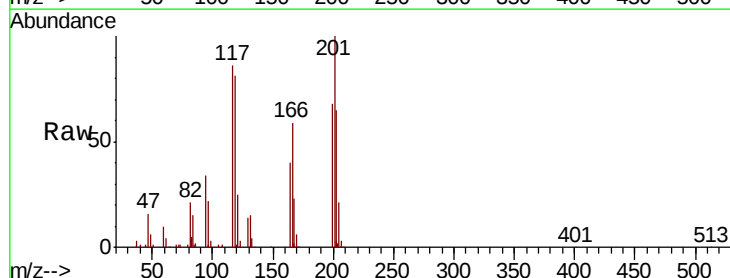
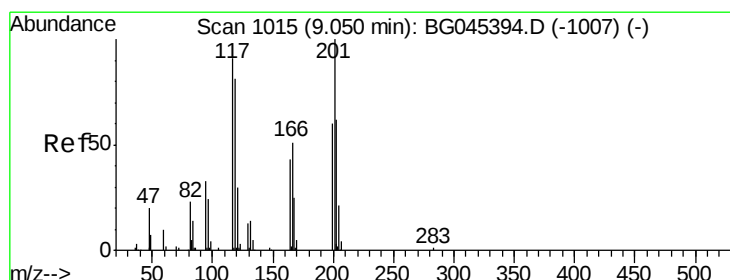
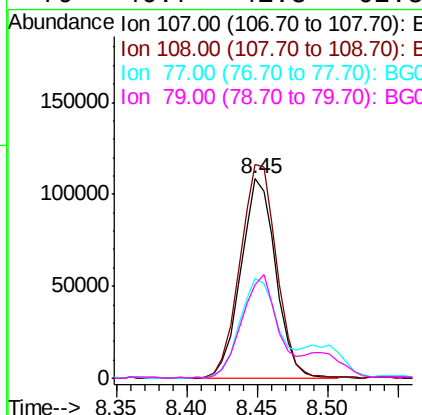
#17
2-Methylphenol
Concen: 41.734 ng
RT: 8.45 min Scan# 912
Delta R.T. -0.00 min
Lab File: BG045438.D
Acq: 21 May 2020 12:44

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

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

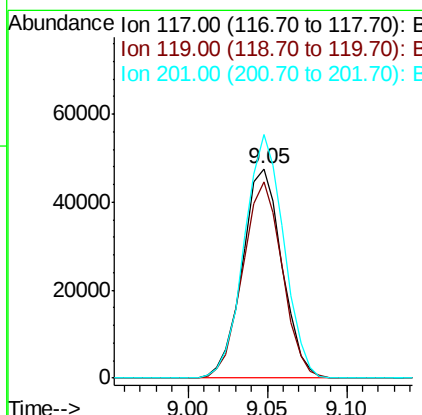
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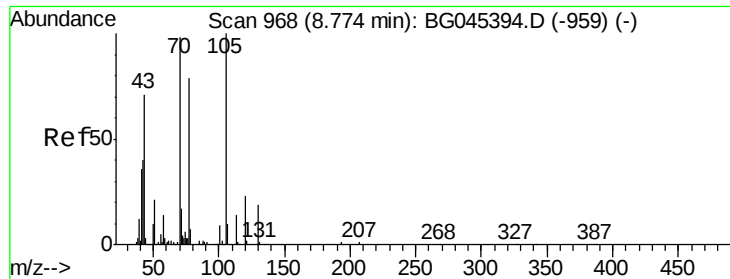
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#18
Hexachloroethane
Concen: 40.505 ng
RT: 9.05 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BG045438.D
Acq: 21 May 2020 12:44

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





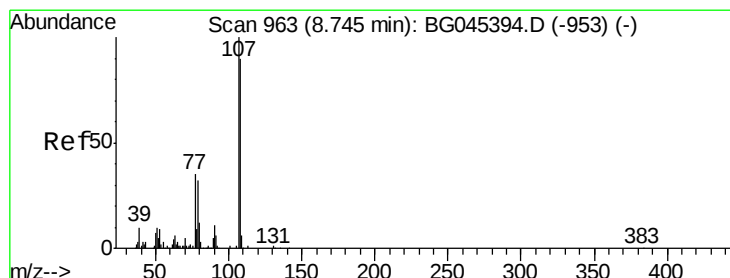
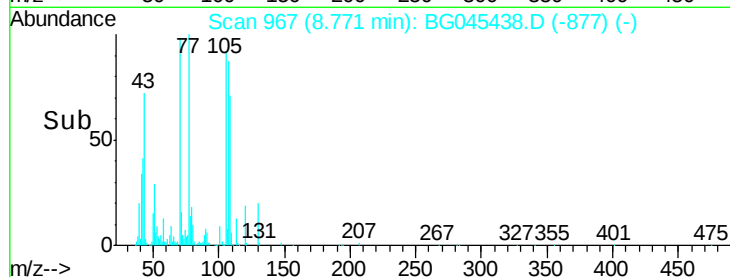
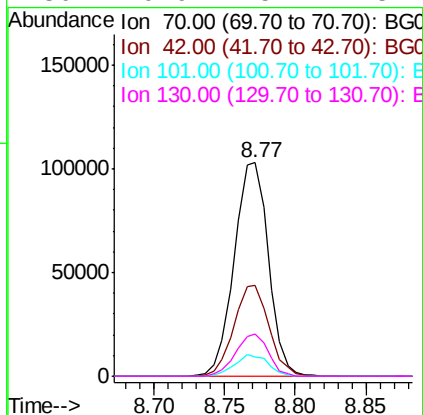
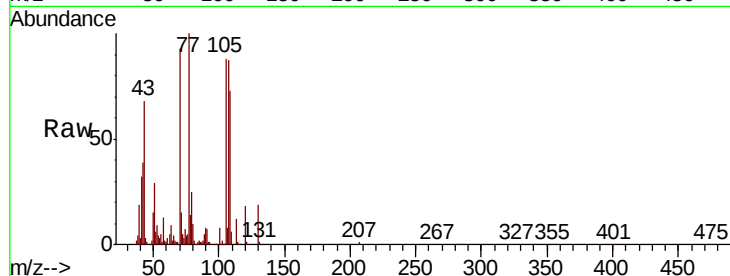
#19
n-Nitroso-di-n-propylamine
Concen: 43.113 ng
RT: 8.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BG045438.D
Acq: 21 May 2020 12:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

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

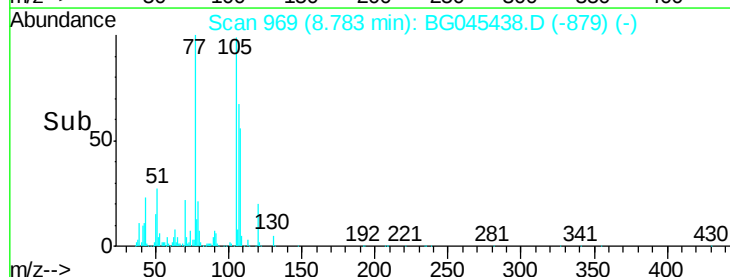
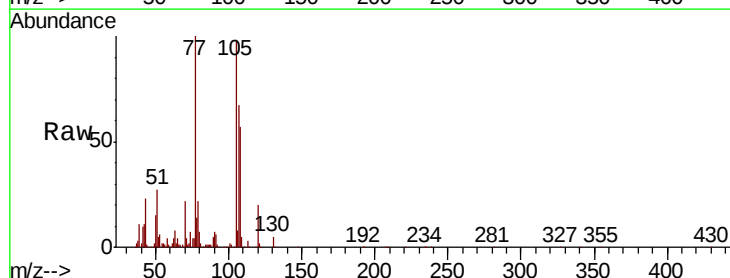
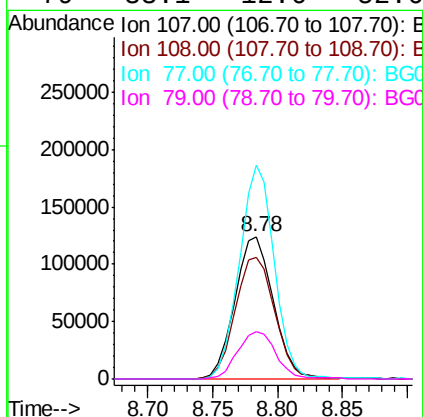
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#20
3+4-Methylphenols
Concen: 41.511 ng m
RT: 8.78 min Scan# 969
Delta R.T. 0.00 min
Lab File: BG045438.D
Acq: 21 May 2020 12:44

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.6	70.3	110.3	
77	149.7	15.4	55.4#	
79	33.1	12.6	52.6	





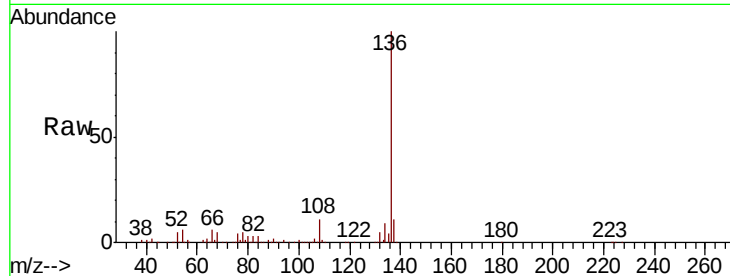
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BG045438.D
Acq: 21 May 2020 12:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

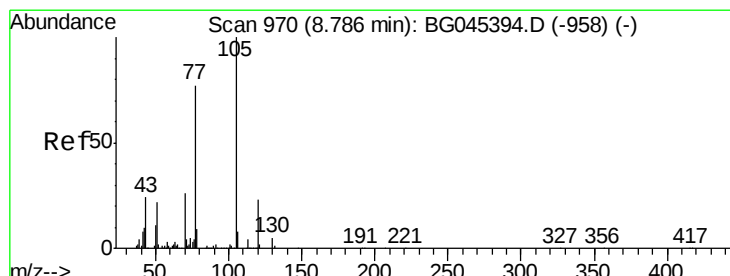
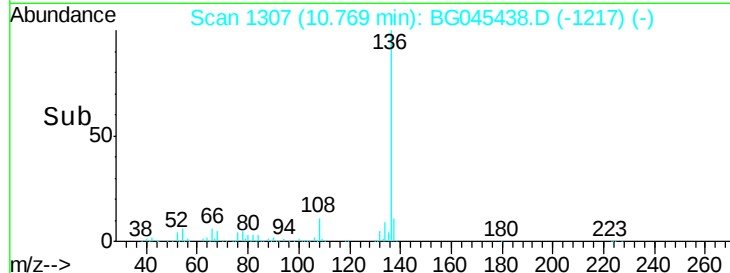
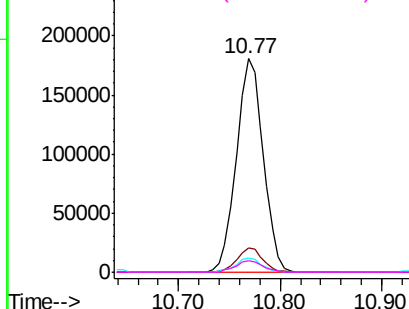
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		331056		
137	11.2	9.4	14.2		
54	6.5	5.8	8.6		
68	5.2	4.5	6.7		

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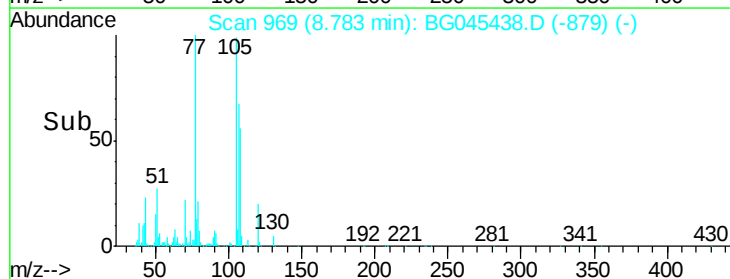
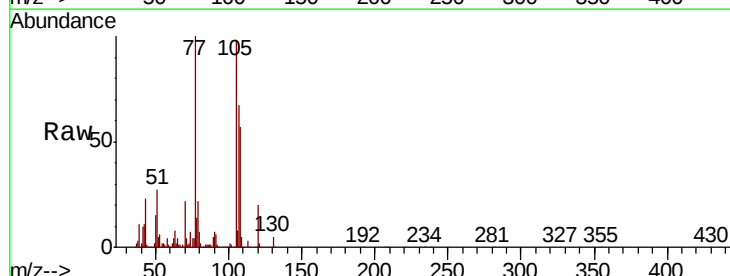
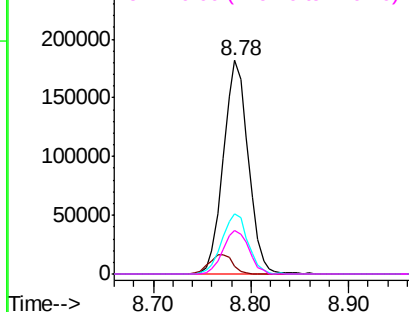
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

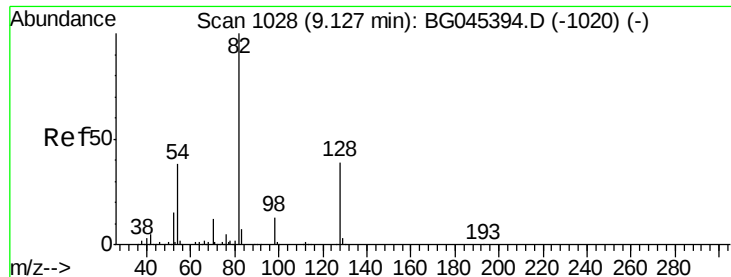


#22
Acetophenone
Concen: 40.841 ng
RT: 8.78 min Scan# 969
Delta R.T. 0.00 min
Lab File: BG045438.D
Acq: 21 May 2020 12:44

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

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E





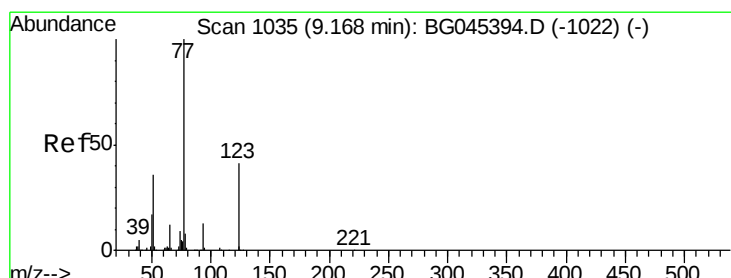
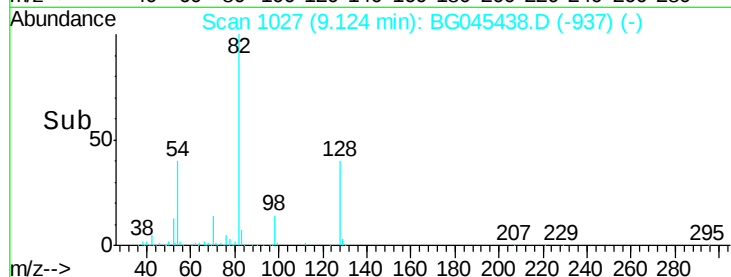
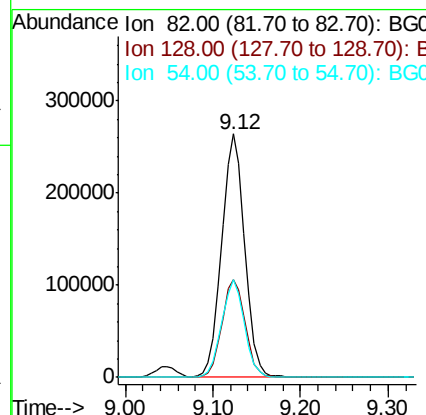
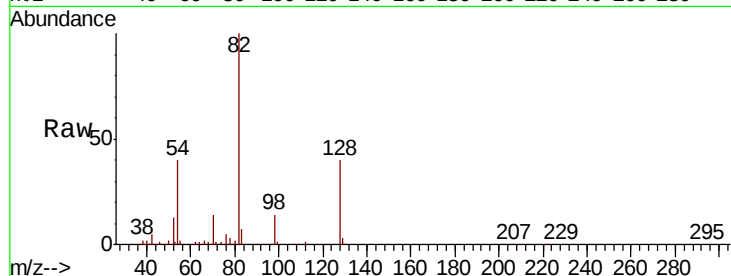
#23
 Nitrobenzene-d5
 Concen: 79.170 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BG045438.D
 Acq: 21 May 2020 12:44

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

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

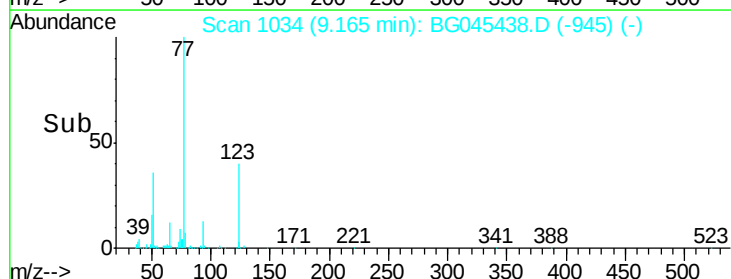
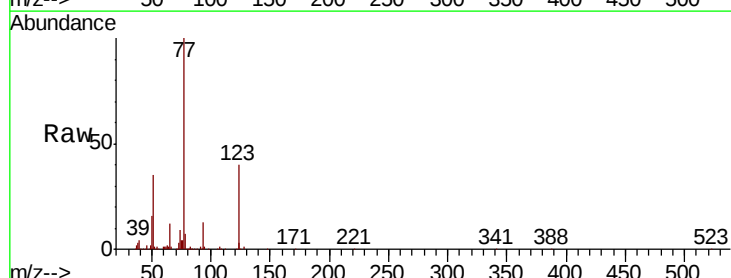
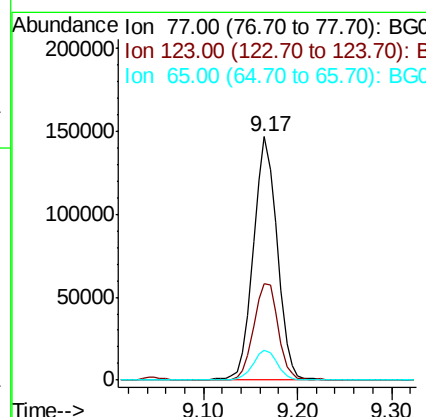
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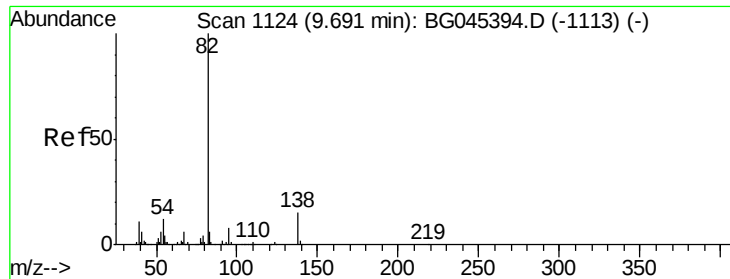
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#24
 Nitrobenzene
 Concen: 39.710 ng
 RT: 9.17 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BG045438.D
 Acq: 21 May 2020 12:44

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





#25

Isophorone

Concen: 41.113 ng

RT: 9.69 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BG045438.D

Acq: 21 May 2020 12:44

Instrument :

BNA_G

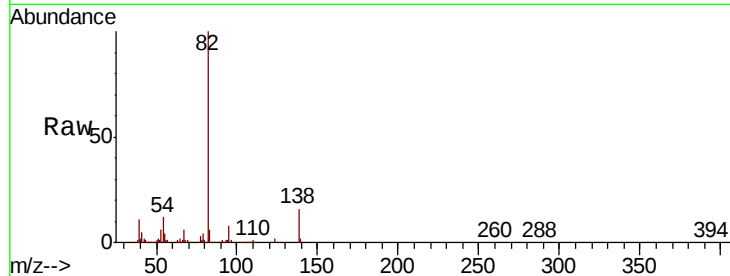
ClientSampleId :

SSTDCCC040

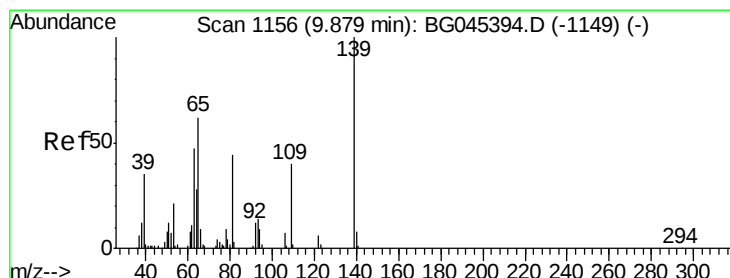
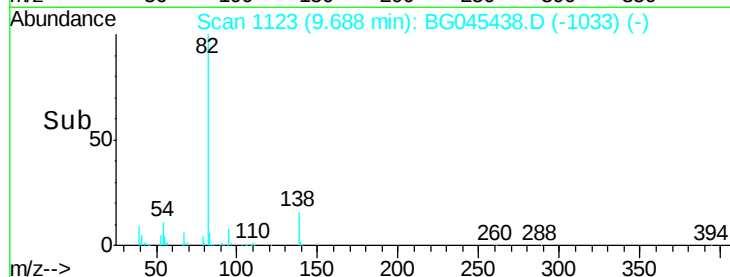
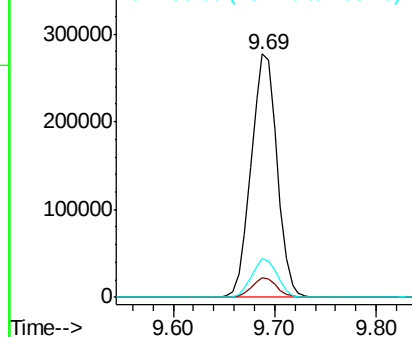
Tot Ion:	82	Resp:	491543
Ion Ratio	Lower	Upper	
82	100		
95	8.3	6.7	10.1
138	15.8	12.2	18.4

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



#26

2-Nitrophenol

Concen: 40.669 ng

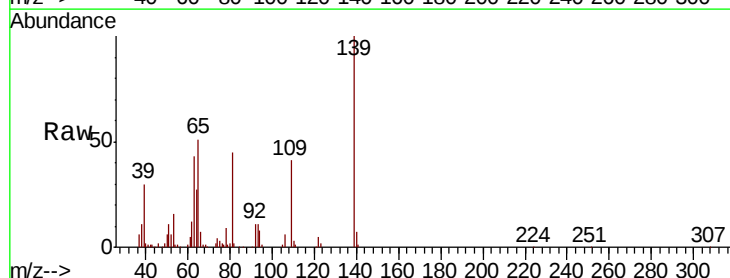
RT: 9.88 min Scan# 1156

Delta R.T. 0.00 min

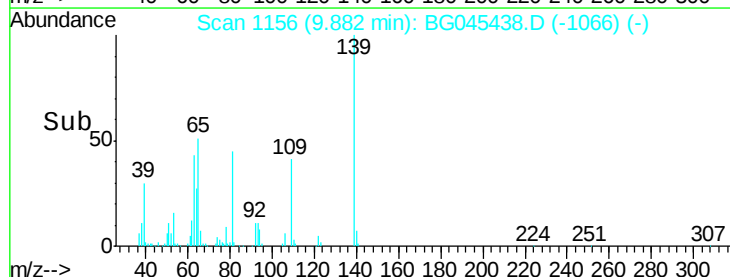
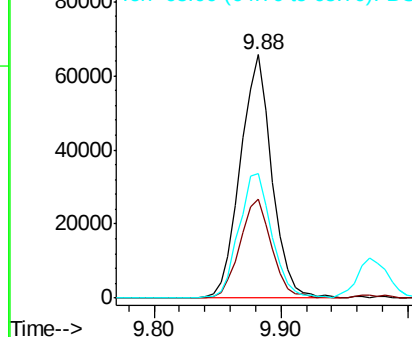
Lab File: BG045438.D

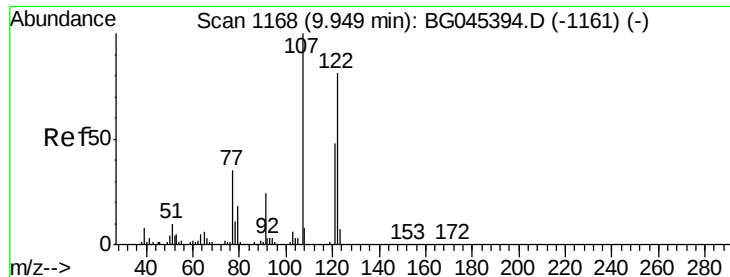
Acq: 21 May 2020 12:44

Tgt Ion:	139	Resp:	113160
Ion Ratio	Lower	Upper	
139	100		
109	40.5	32.2	48.4
65	51.0	49.6	74.4



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





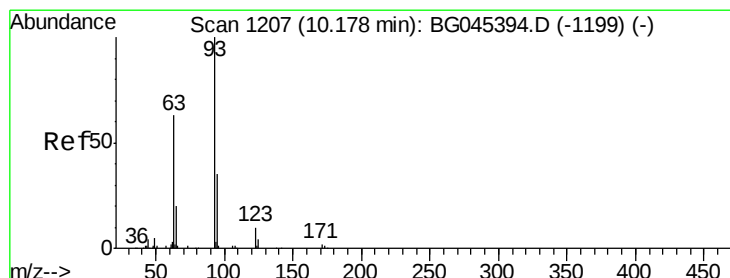
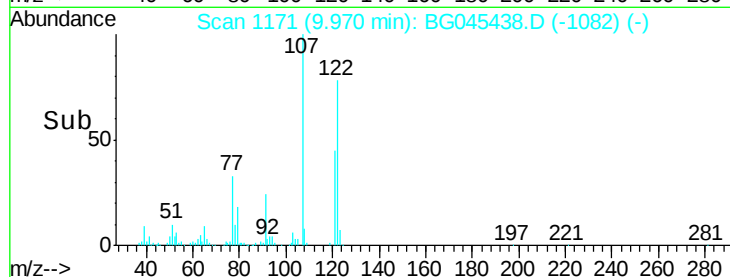
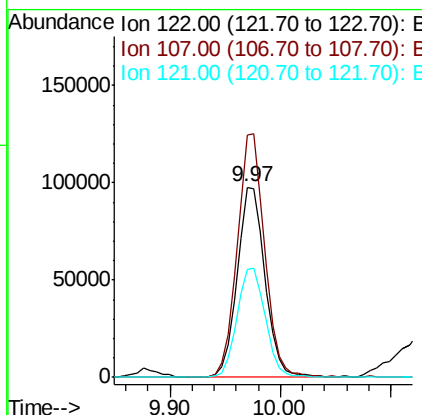
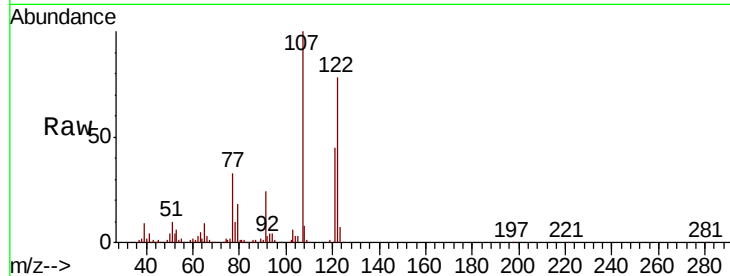
#27
 2,4-Dimethylphenol
 Concen: 42.106 ng
 RT: 9.97 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BG045438.D
 Acq: 21 May 2020 12:44

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

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

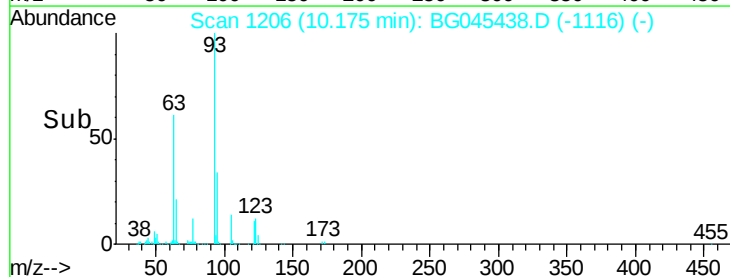
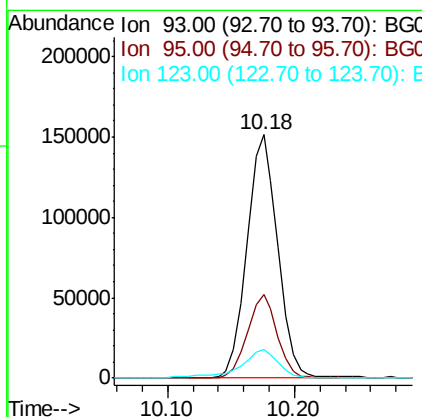
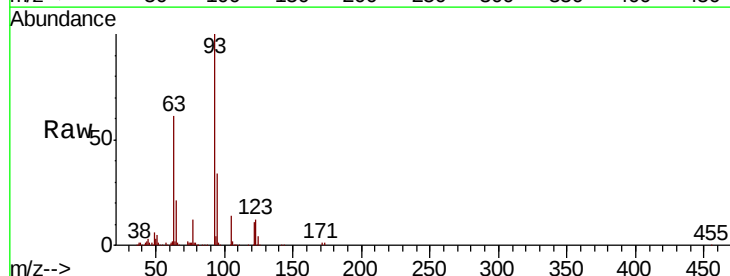
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#28
 bis(2-Chloroethoxy)methane
 Concen: 40.435 ng
 RT: 10.18 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BG045438.D
 Acq: 21 May 2020 12:44

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





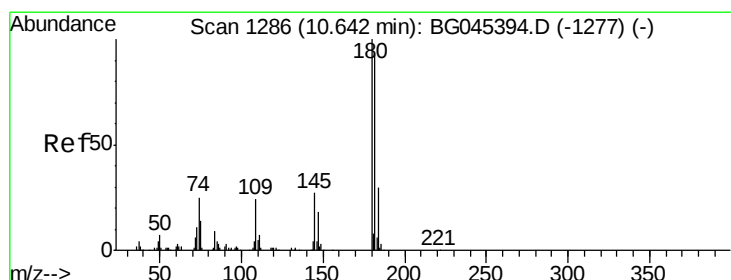
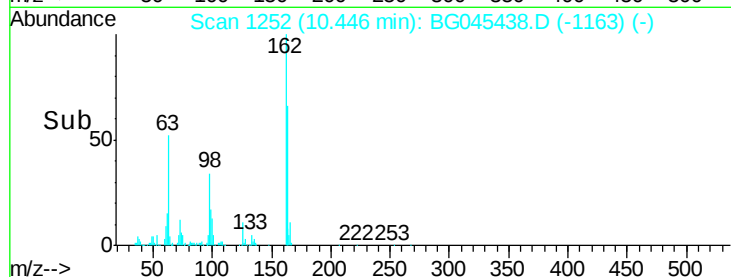
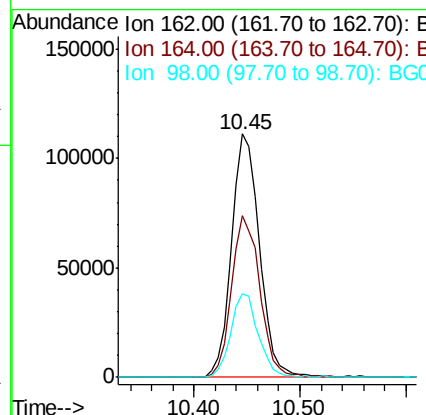
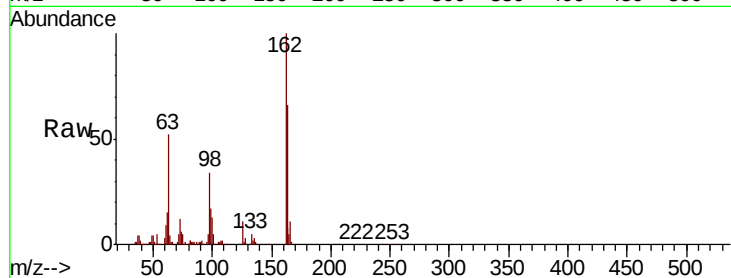
#29
 2,4-Dichlorophenol
 Concen: 41.652 ng
 RT: 10.45 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: BG045438.D
 Acq: 21 May 2020 12:44

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

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

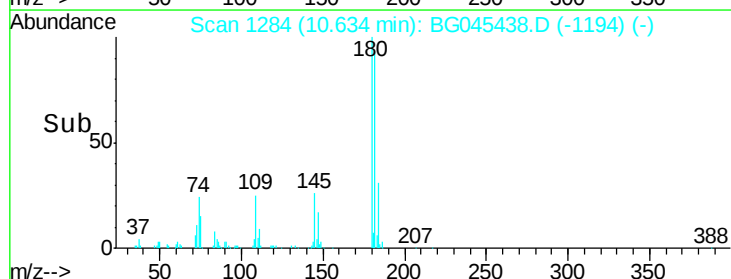
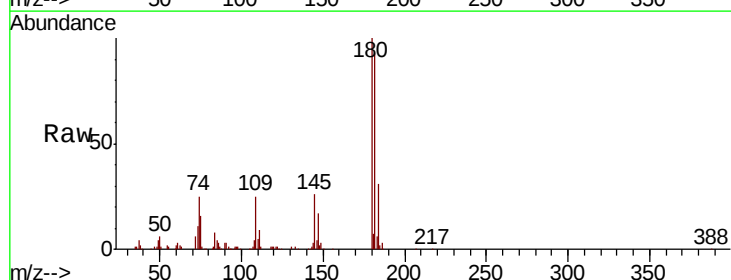
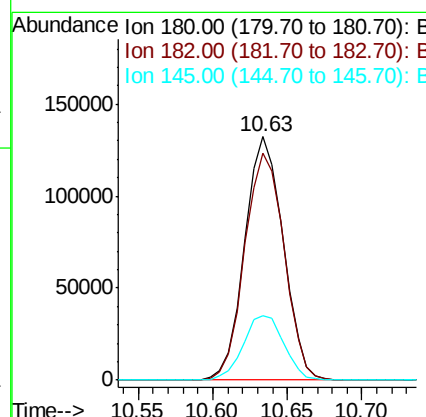
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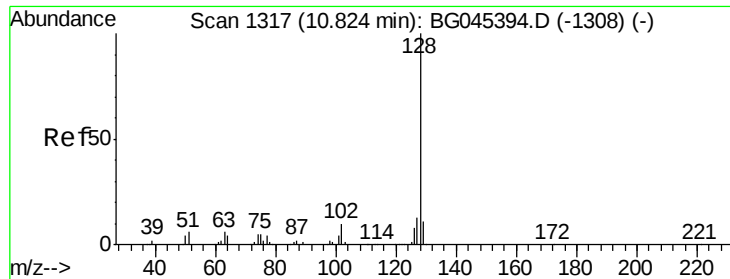
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.010 ng
 RT: 10.63 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: BG045438.D
 Acq: 21 May 2020 12:44

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





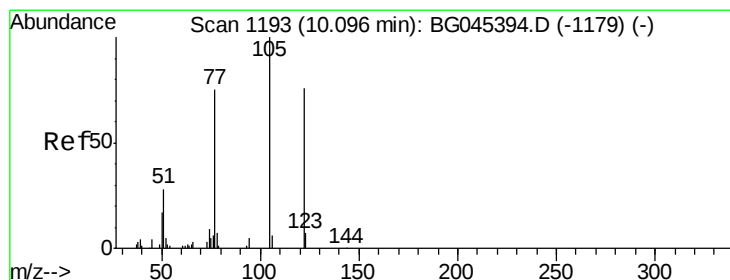
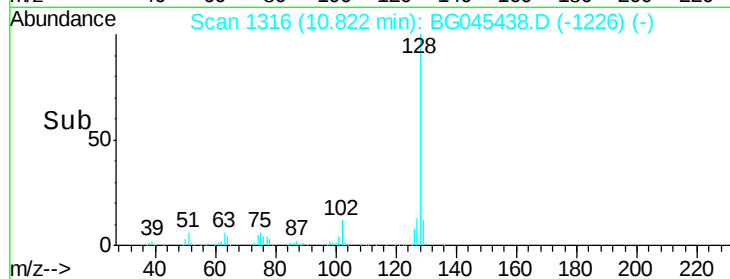
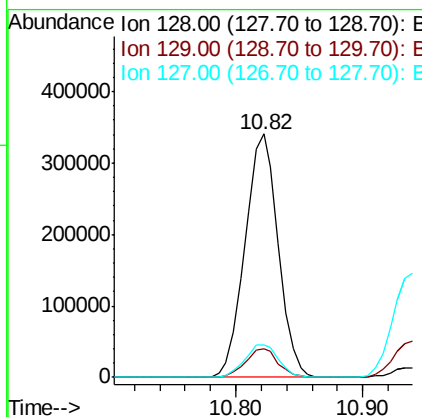
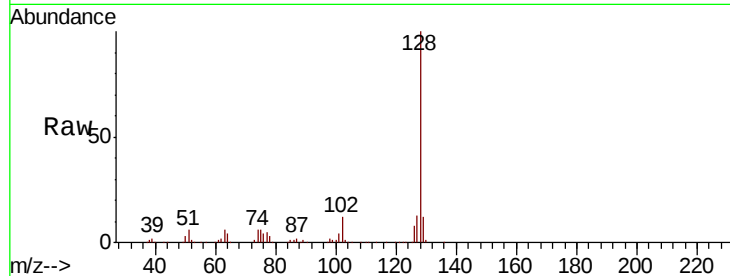
#31
Naphthalene
Concen: 40.064 ng
RT: 10.82 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BG045438.D
Acq: 21 May 2020 12:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

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

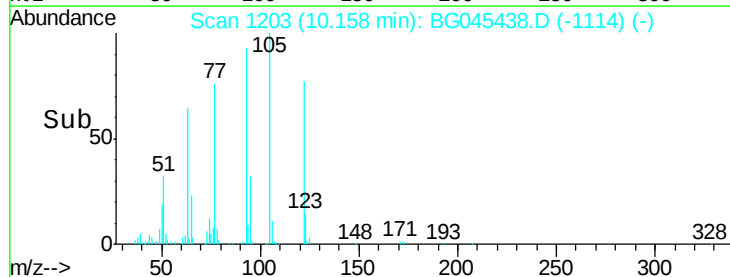
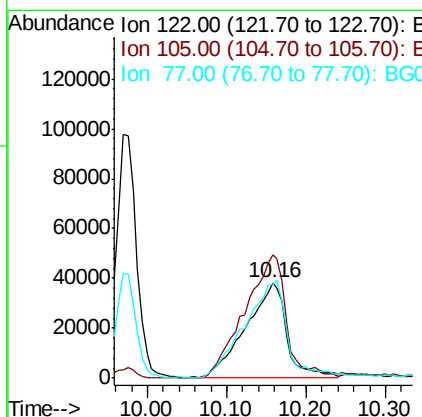
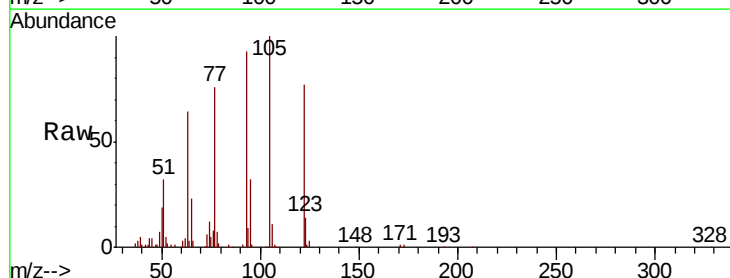
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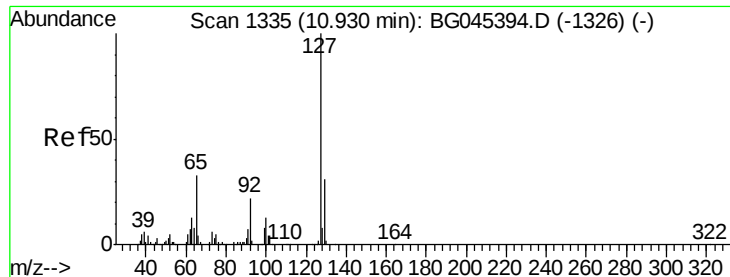
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#32
Benzoic acid
Concen: 48.756 ng
RT: 10.16 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BG045438.D
Acq: 21 May 2020 12:44

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





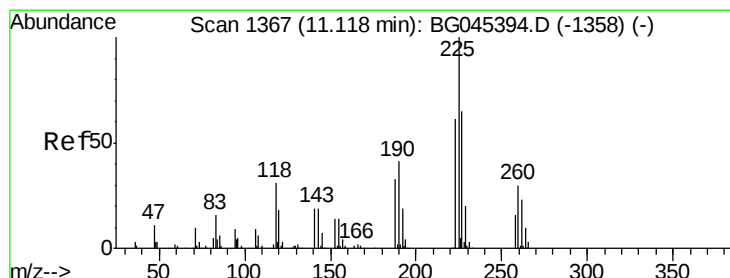
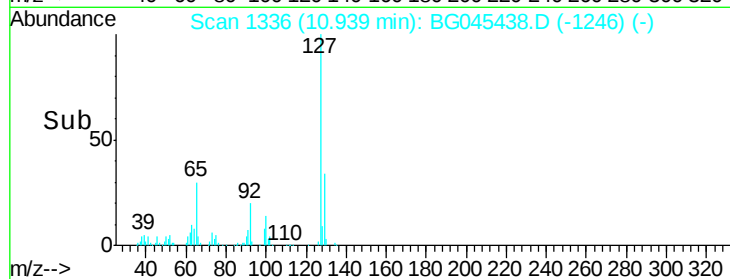
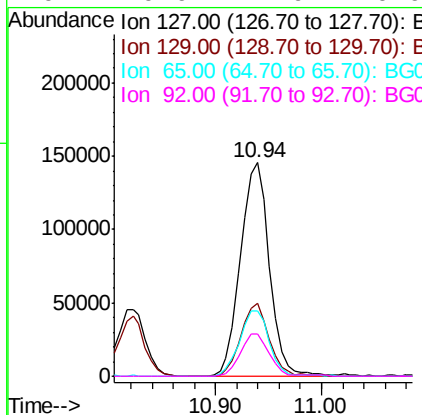
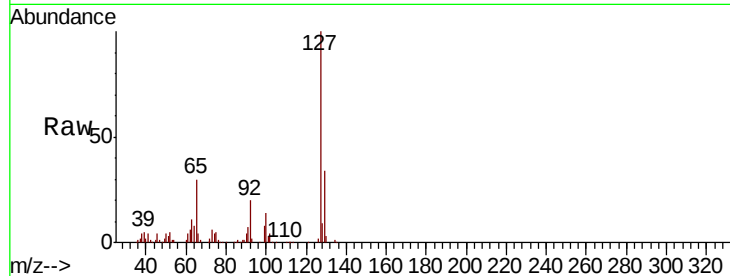
#33
4-Chloroaniline
Concen: 43.036 ng
RT: 10.94 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BG045438.D
Acq: 21 May 2020 12:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

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

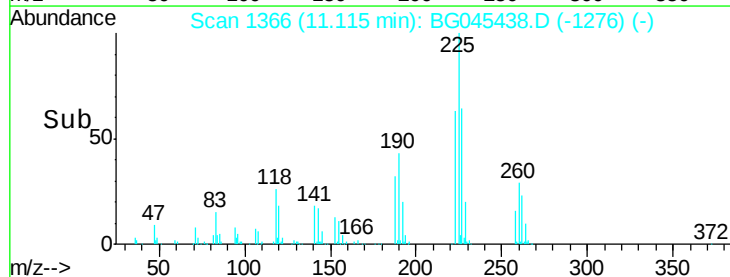
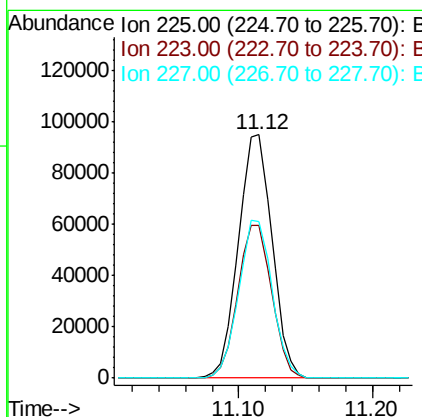
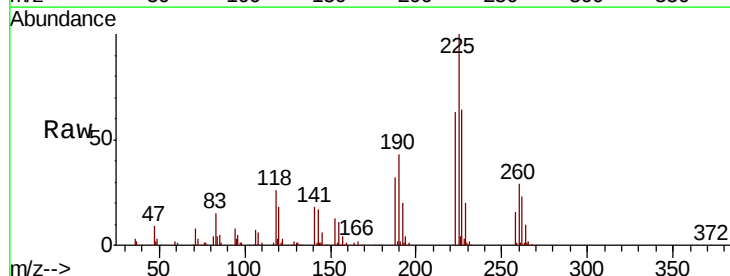
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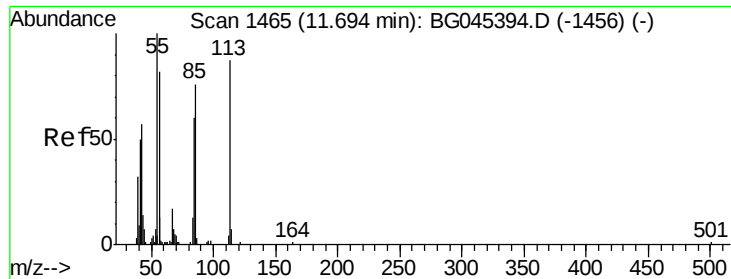
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#34
Hexachlorobutadiene
Concen: 40.813 ng
RT: 11.12 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BG045438.D
Acq: 21 May 2020 12:44

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





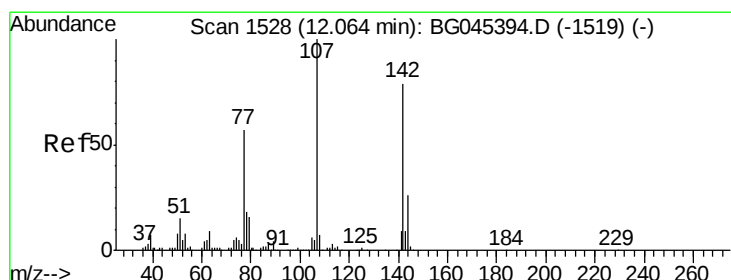
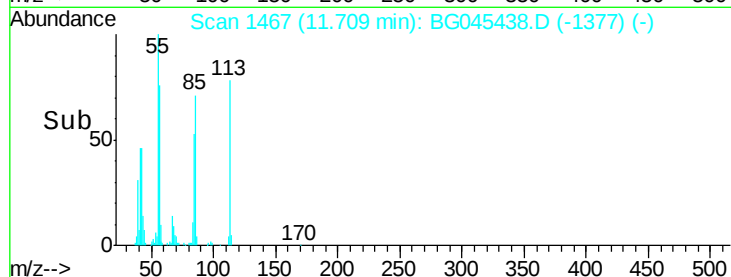
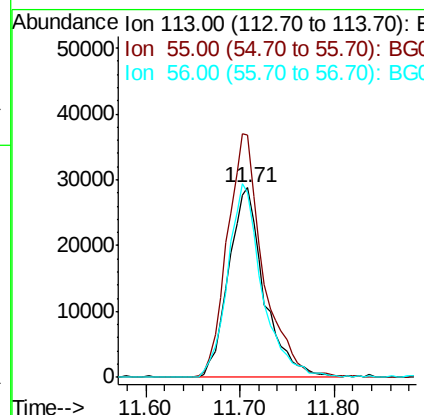
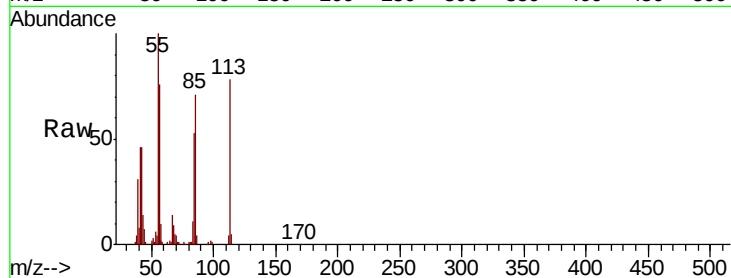
#35
 Caprolactam
 Concen: 42.215 ng
 RT: 11.71 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: BG045438.D
 Acq: 21 May 2020 12:44

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	127.6	96.0	136.0
56	97.4	75.1	115.1

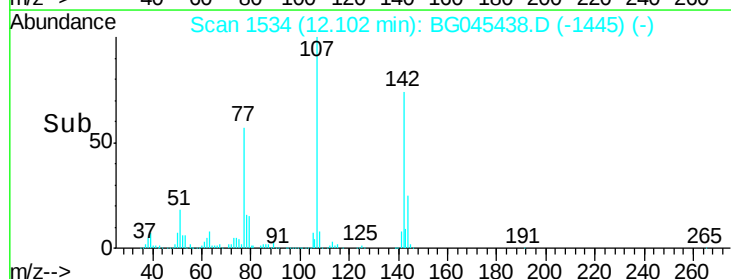
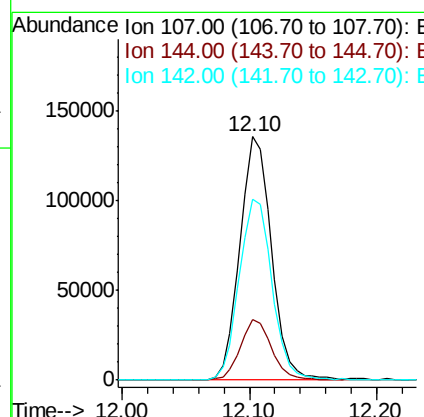
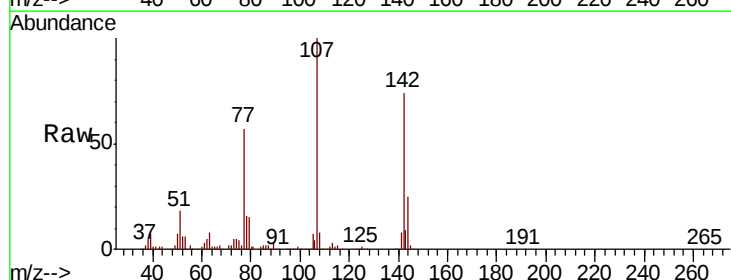
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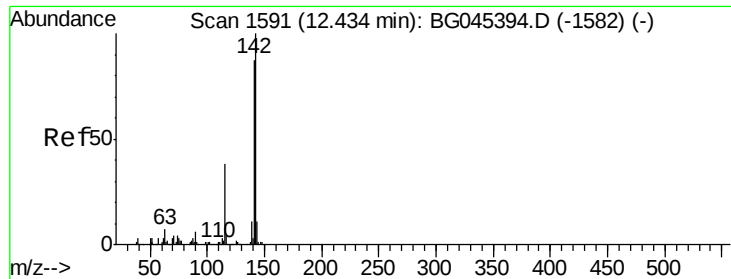
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#36
 4-Chloro-3-methylphenol
 Concen: 42.553 ng
 RT: 12.10 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: BG045438.D
 Acq: 21 May 2020 12:44

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.9	20.8	31.2
142	74.3	62.8	94.2





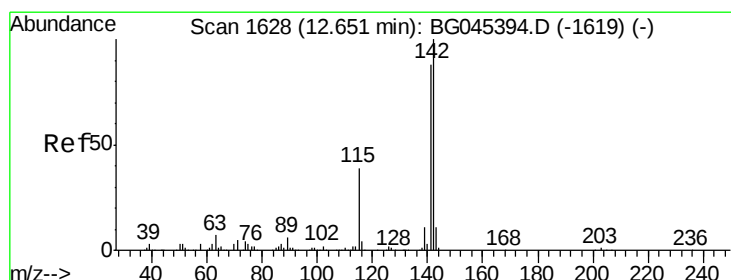
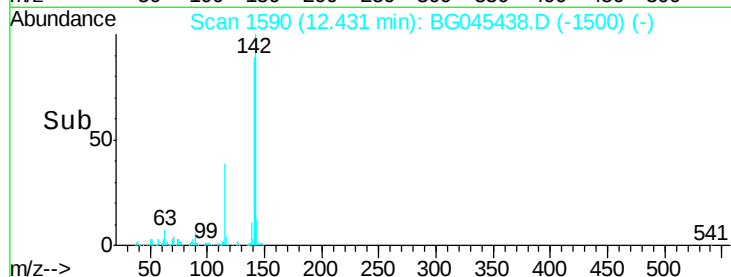
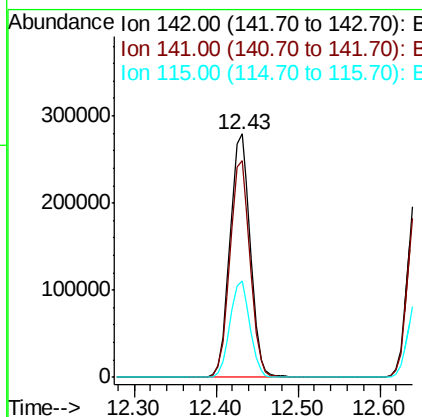
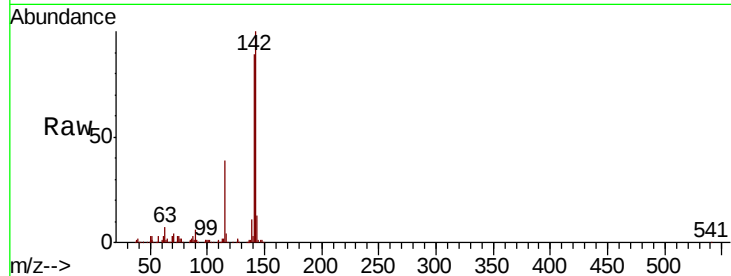
#37
2-Methylnaphthalene
Concen: 41.981 ng
RT: 12.43 min Scan# 1590
Delta R.T. 0.00 min
Lab File: BG045438.D
Acq: 21 May 2020 12:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

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

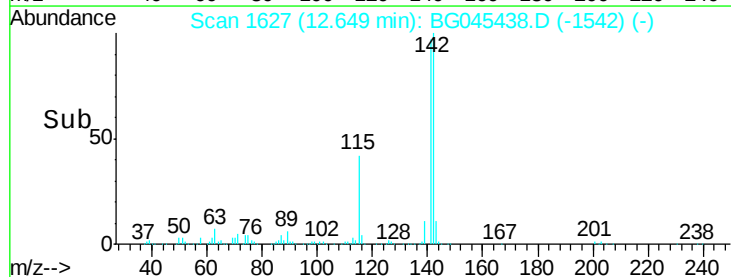
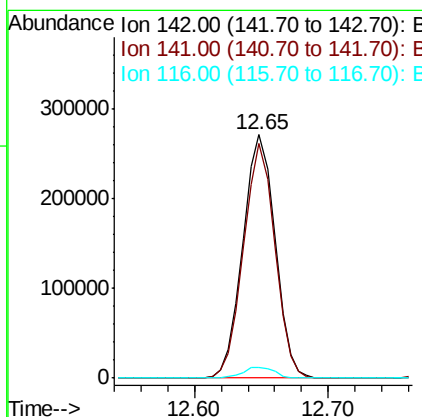
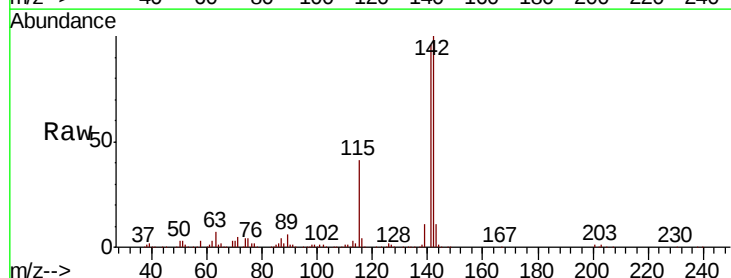
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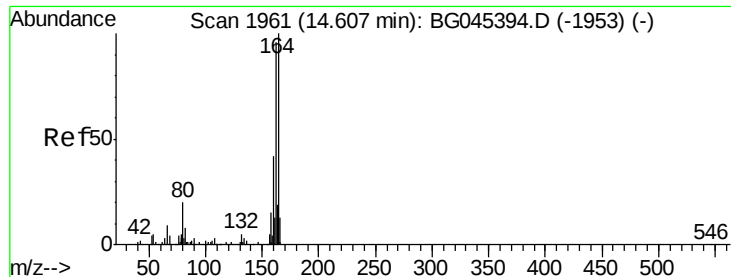
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#38
1-Methylnaphthalene
Concen: 41.519 ng
RT: 12.65 min Scan# 1627
Delta R.T. 0.00 min
Lab File: BG045438.D
Acq: 21 May 2020 12:44

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





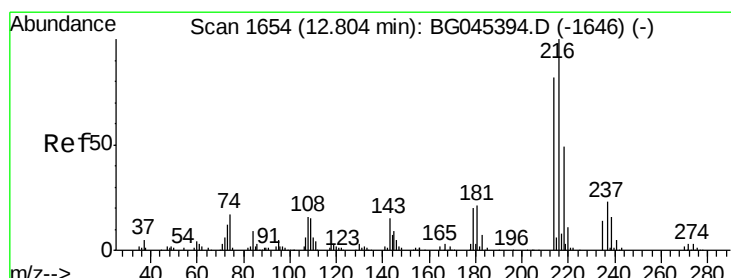
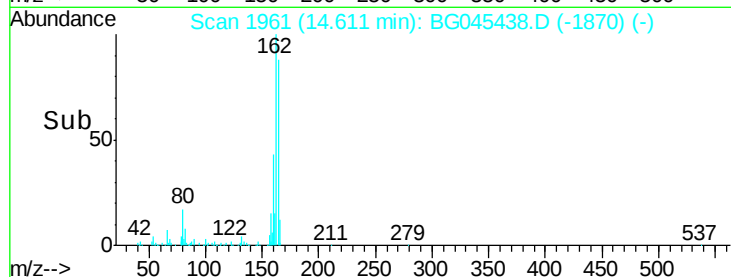
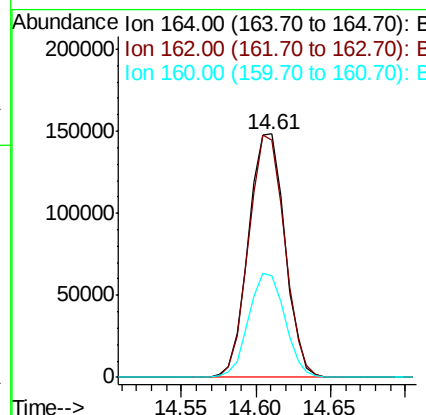
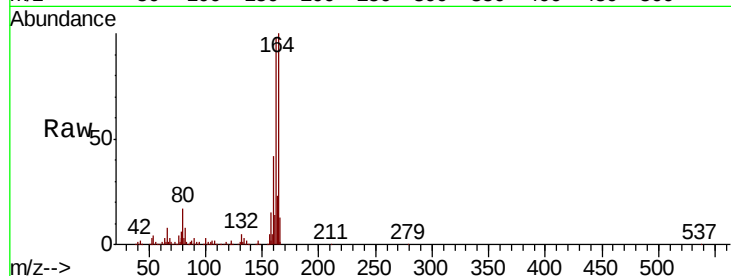
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.61 min Scan# 1961
Delta R.T. 0.01 min
Lab File: BG045438.D
Acq: 21 May 2020 12:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	97.7	76.9	115.3
160	42.0	33.8	50.8

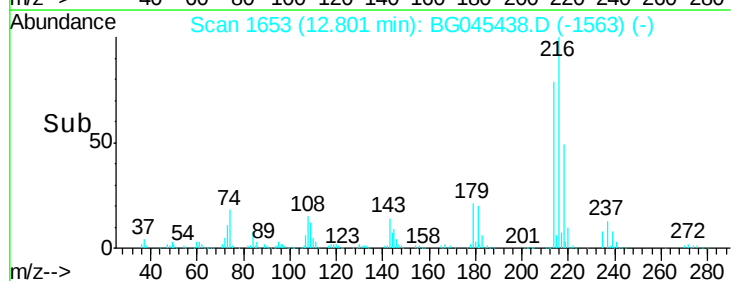
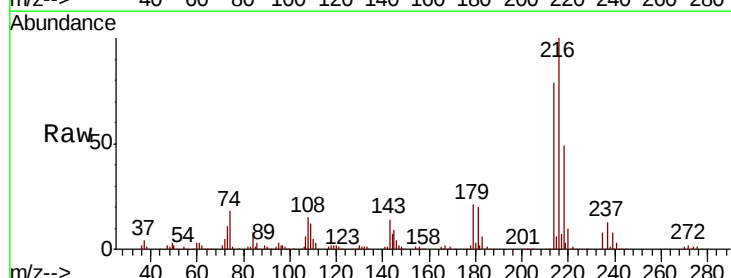
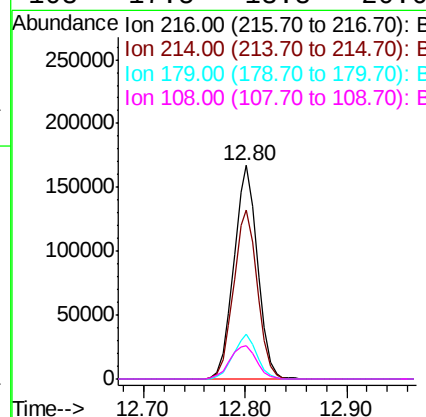
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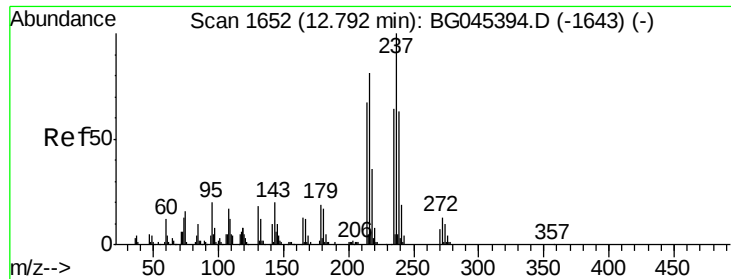
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.718 ng
RT: 12.80 min Scan# 1653
Delta R.T. 0.00 min
Lab File: BG045438.D
Acq: 21 May 2020 12:44

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.7	95.5
179	20.7	16.1	24.1
108	17.5	13.8	20.6





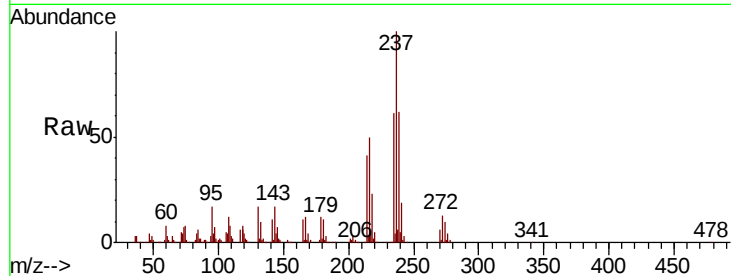
#41
Hexachlorocyclopentadiene
Concen: 38.569 ng
RT: 12.78 min Scan# 1650
Delta R.T. 0.00 min
Lab File: BG045438.D
Acq: 21 May 2020 12:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

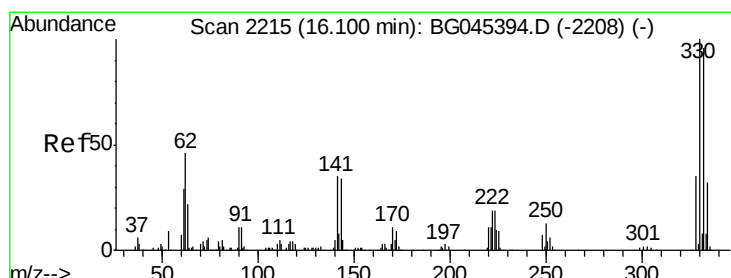
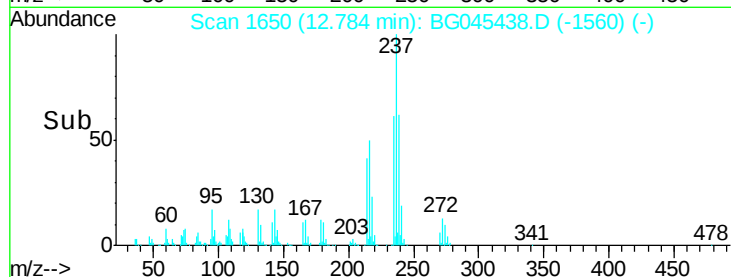
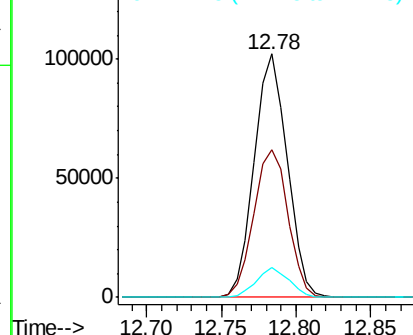
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	60.8	44.4	84.4
272	12.5	0.0	32.5

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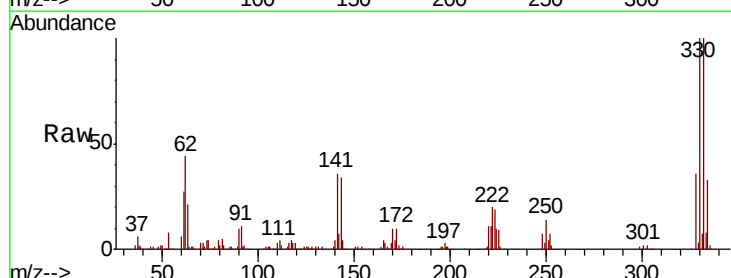


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

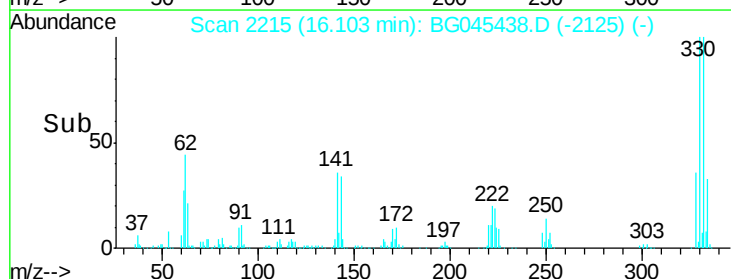
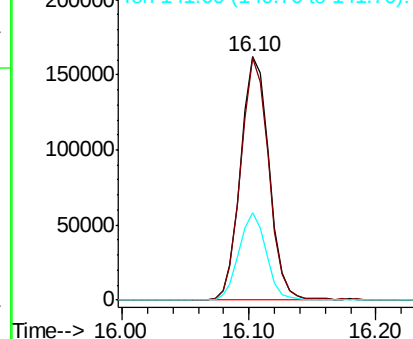


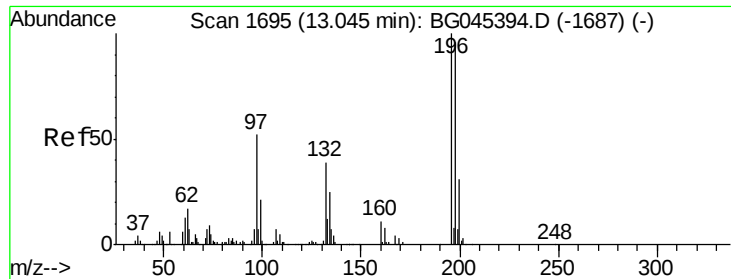
#42
2,4,6-Tribromophenol
Concen: 78.692 ng
RT: 16.10 min Scan# 2215
Delta R.T. 0.00 min
Lab File: BG045438.D
Acq: 21 May 2020 12:44

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	97.4	78.2	117.4
141	34.4	28.2	42.4



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





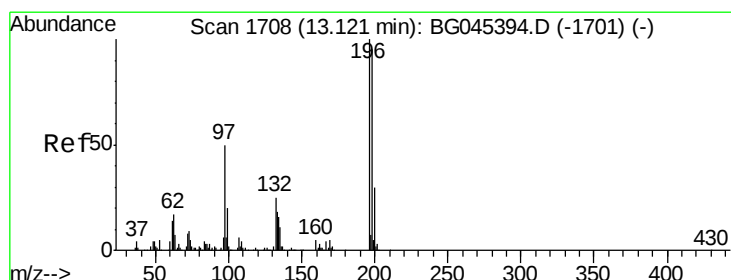
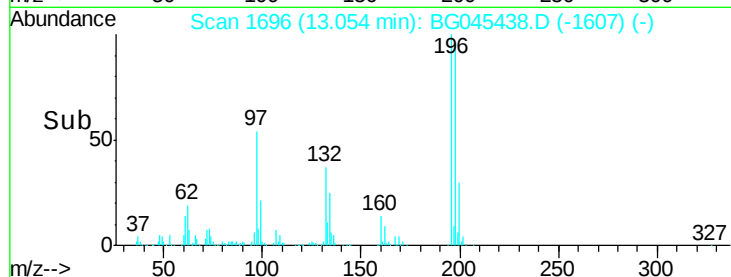
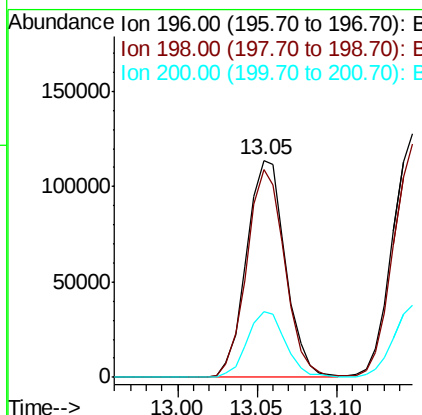
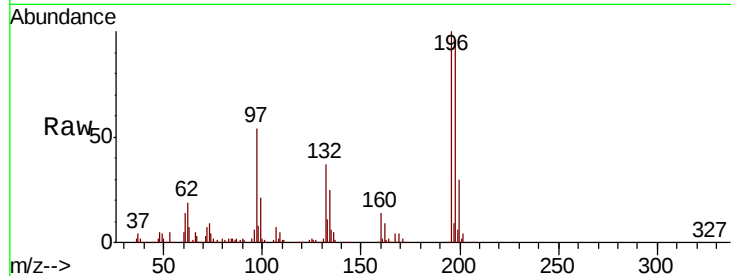
#43
 2,4,6-Trichlorophenol
 Concen: 39.985 ng
 RT: 13.05 min Scan# 1696
 Delta R.T. -0.00 min
 Lab File: BG045438.D
 Acq: 21 May 2020 12:44

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

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

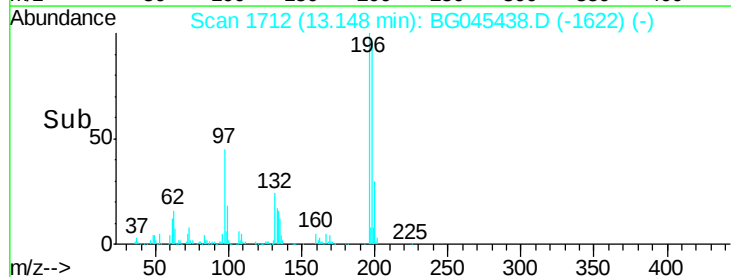
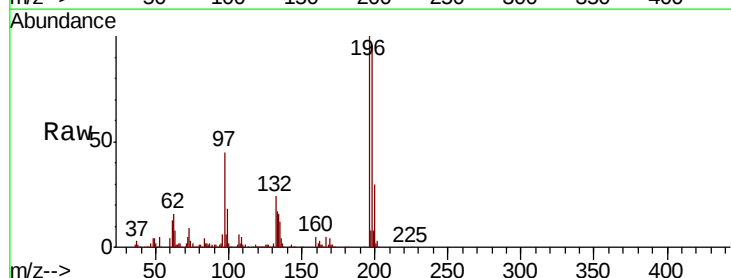
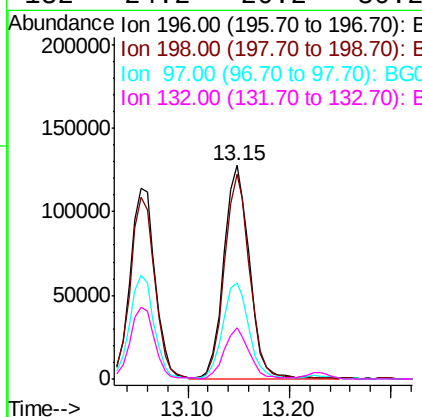
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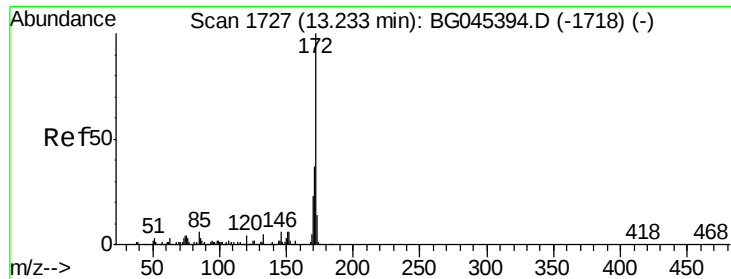
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 40.200 ng
 RT: 13.15 min Scan# 1712
 Delta R.T. 0.00 min
 Lab File: BG045438.D
 Acq: 21 May 2020 12:44

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





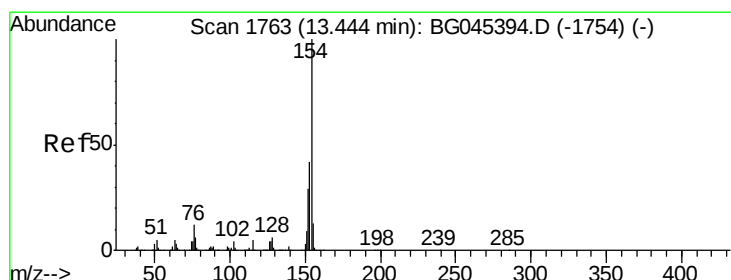
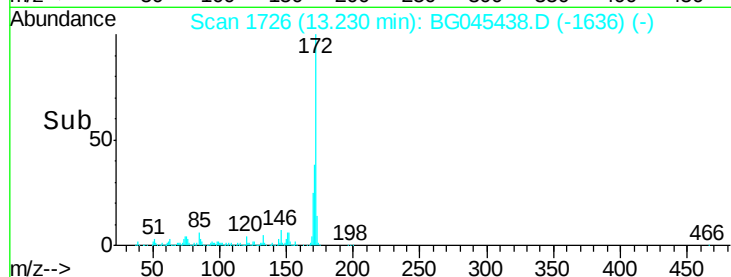
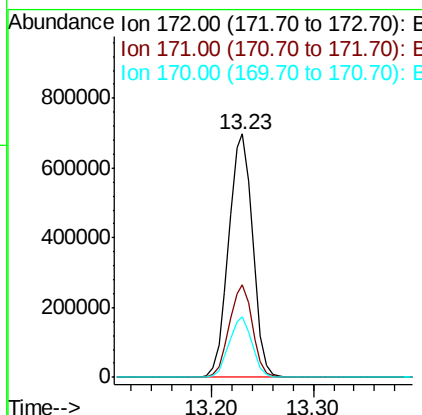
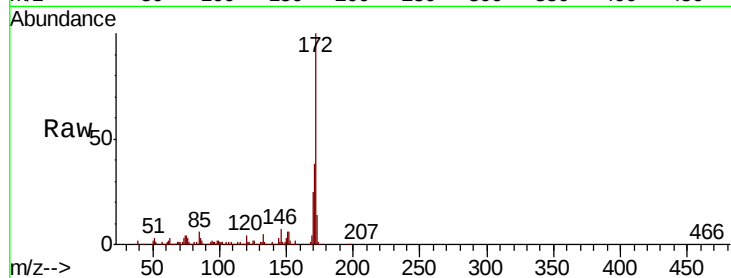
#45
2-Fluorobiphenyl
Concen: 77.680 ng
RT: 13.23 min Scan# 1726
Delta R.T. 0.00 min
Lab File: BG045438.D
Acq: 21 May 2020 12:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

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

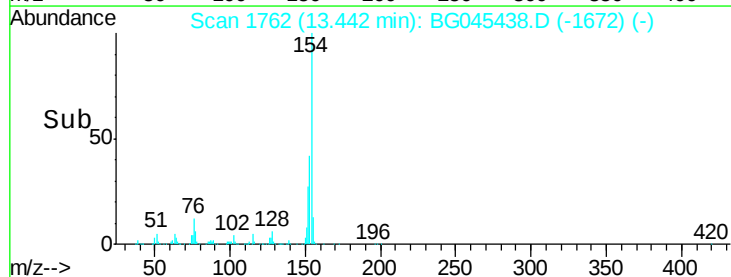
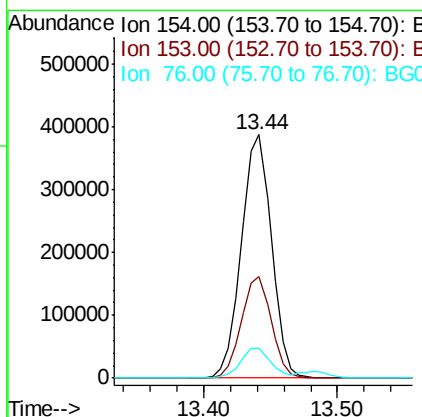
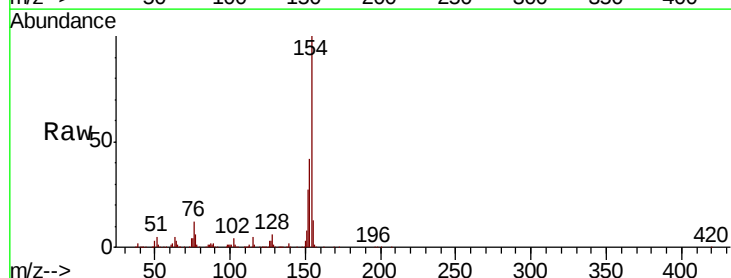
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#46
1,1'-Biphenyl
Concen: 39.292 ng
RT: 13.44 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BG045438.D
Acq: 21 May 2020 12:44

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





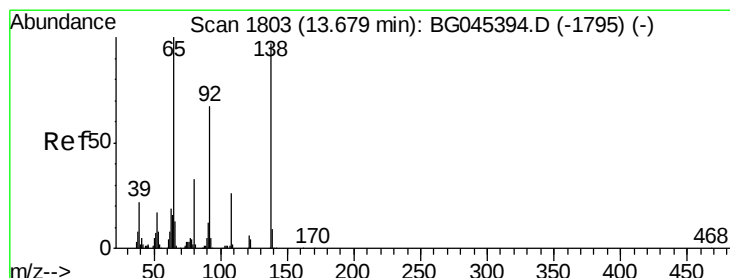
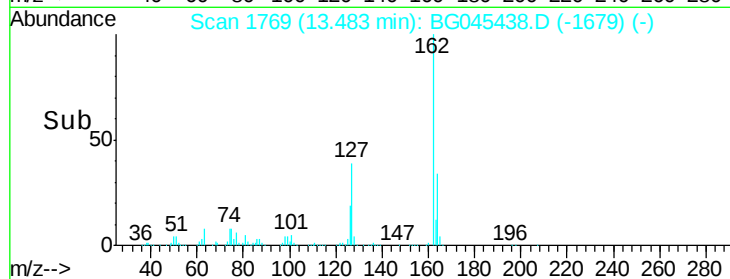
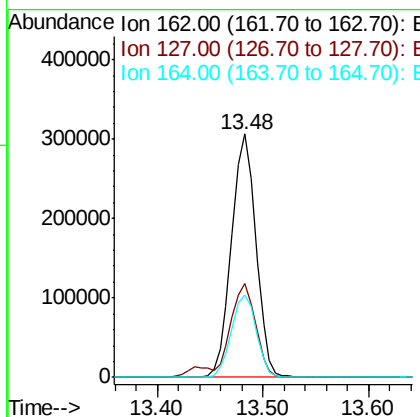
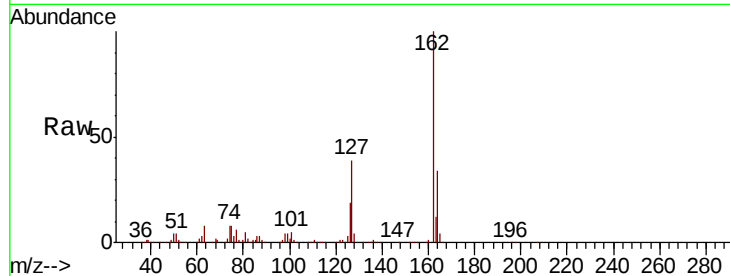
#47
2-Chloronaphthalene
Concen: 39.358 ng
RT: 13.48 min Scan# 1769
Delta R.T. 0.00 min
Lab File: BG045438.D
Acq: 21 May 2020 12:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		490401		
127	38.7	31.6	47.4		
164	33.9	28.1	42.1		

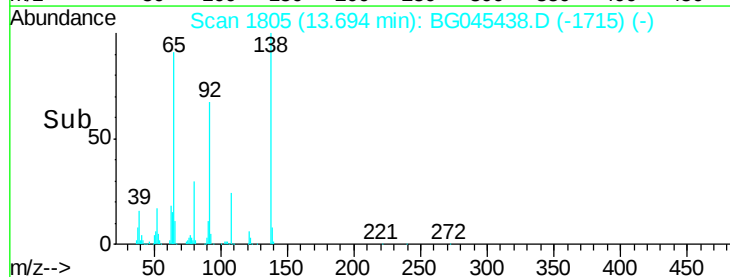
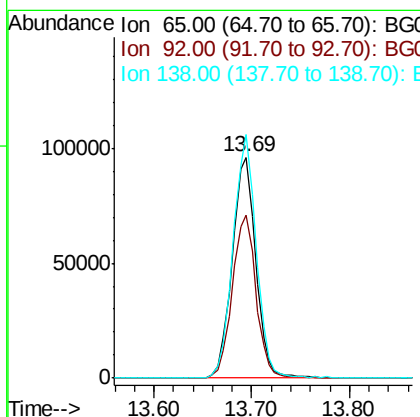
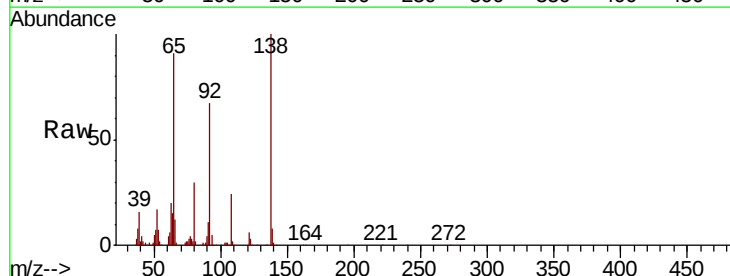
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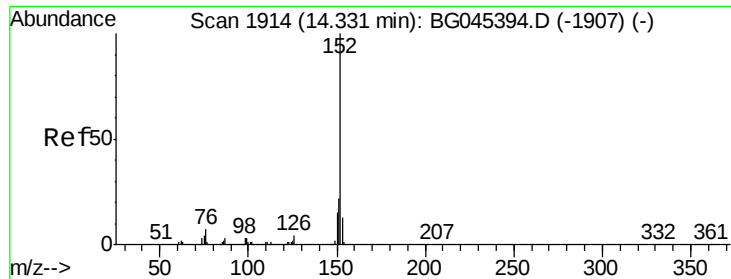
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#48
2-Nitroaniline
Concen: 39.597 ng
RT: 13.69 min Scan# 1805
Delta R.T. 0.00 min
Lab File: BG045438.D
Acq: 21 May 2020 12:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100		162295		
92	74.0	53.8	80.8		
138	110.3	77.9	116.9		





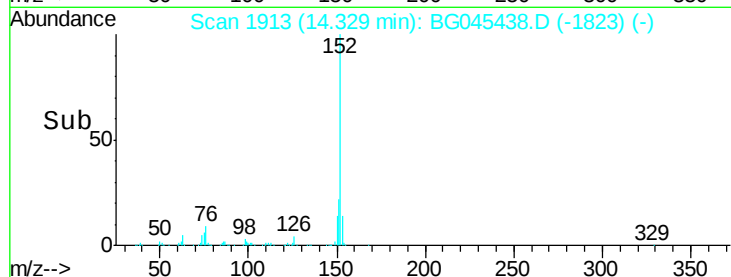
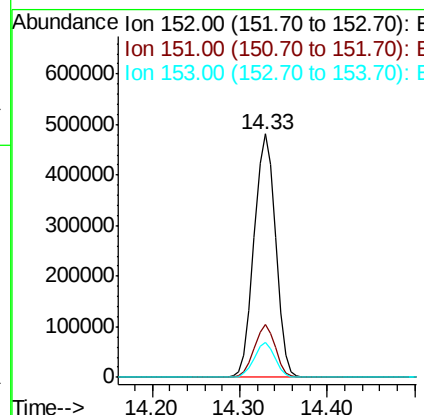
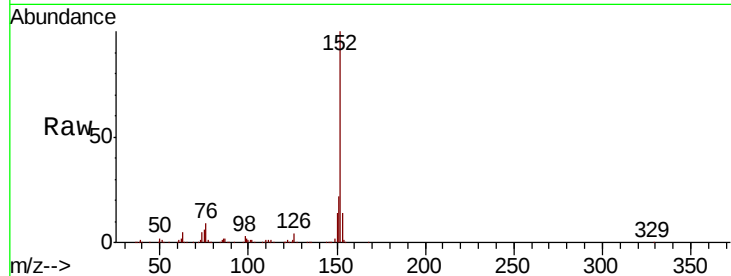
#49
Acenaphthylene
Concen: 39.957 ng
RT: 14.33 min Scan# 1913
Delta R.T. 0.00 min
Lab File: BG045438.D
Acq: 21 May 2020 12:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		799690		
151	21.8	17.4	26.2		
153	14.1	10.7	16.1		

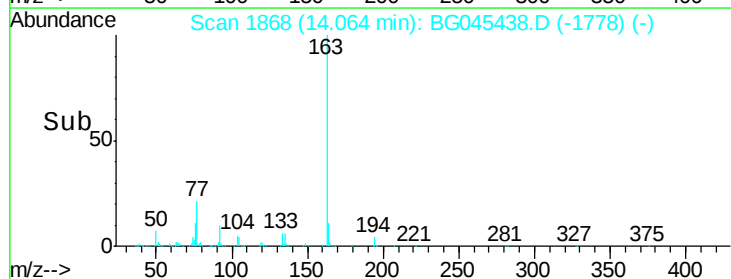
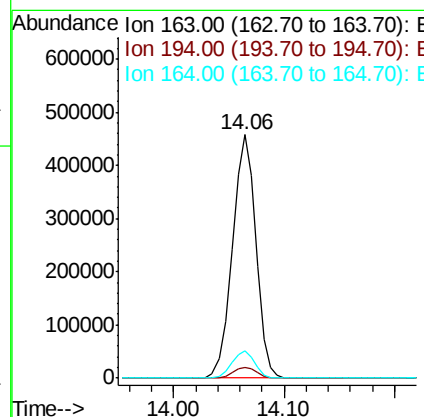
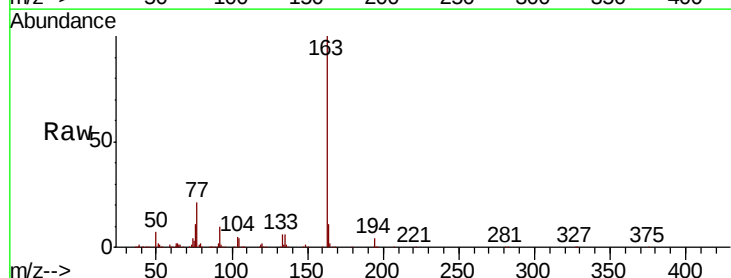
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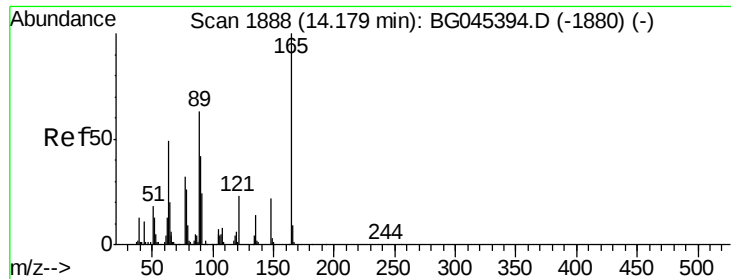
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#50
Dimethylphthalate
Concen: 39.722 ng
RT: 14.06 min Scan# 1868
Delta R.T. 0.00 min
Lab File: BG045438.D
Acq: 21 May 2020 12:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		680453		
194	4.3	3.2	4.8		
164	11.2	8.3	12.5		





#51

2,6-Dinitrotoluene

Concen: 39.963 ng

RT: 14.18 min Scan# 1888

Delta R.T. 0.00 min

Lab File: BG045438.D

Acq: 21 May 2020 12:44

Instrument :

BNA_G

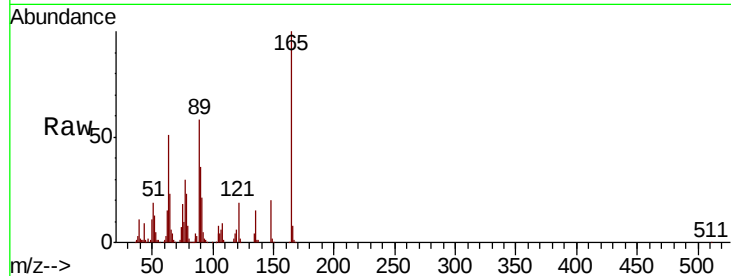
ClientSampleId :

SSTDCCC040

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

Manual Integrations
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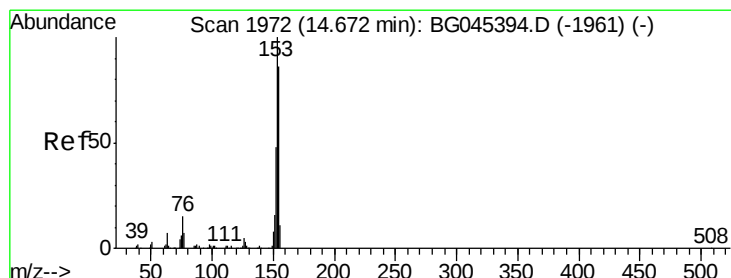
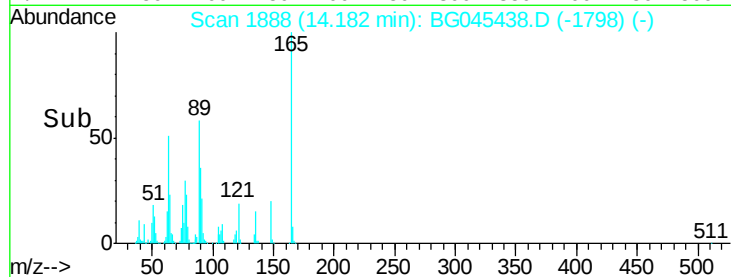
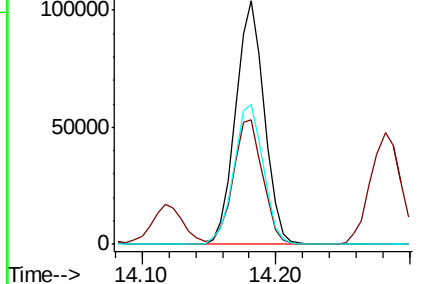
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 35.694 ng

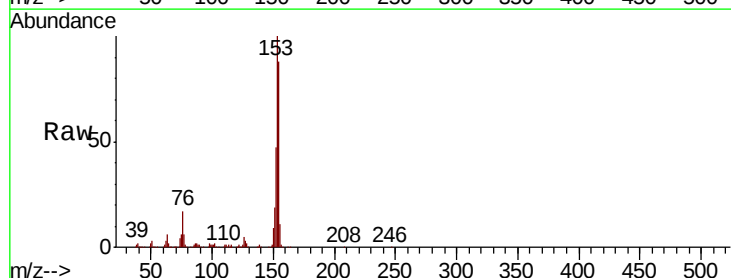
RT: 14.68 min Scan# 1972

Delta R.T. 0.01 min

Lab File: BG045438.D

Acq: 21 May 2020 12:44

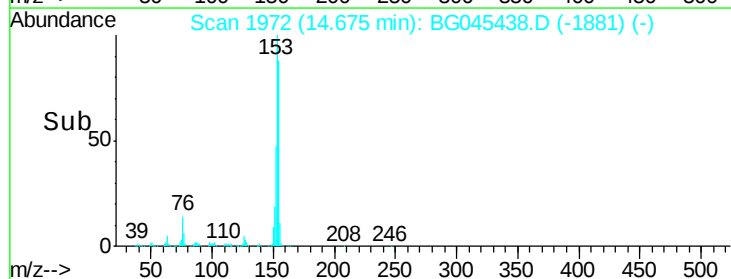
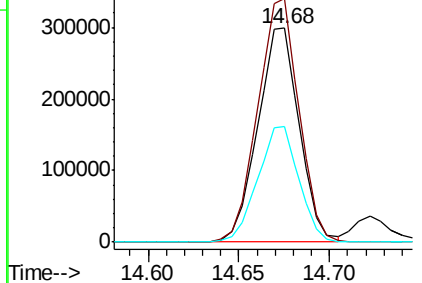
Tgt Ion:	154	Resp:	478182
Ion Ratio	Lower	Upper	
154	100		
153	113.8	92.8	139.2
152	54.0	44.6	66.8

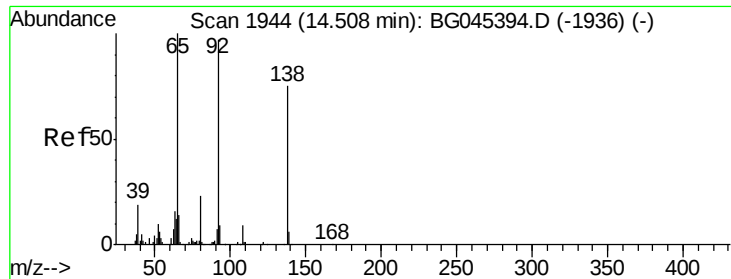


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





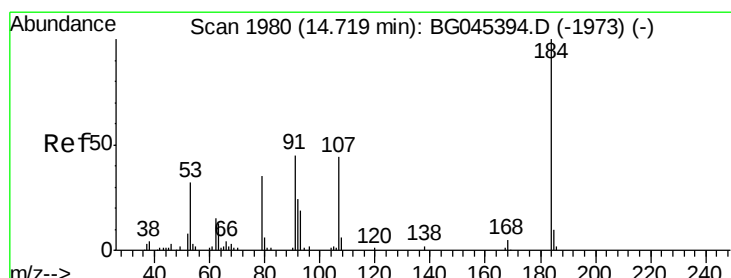
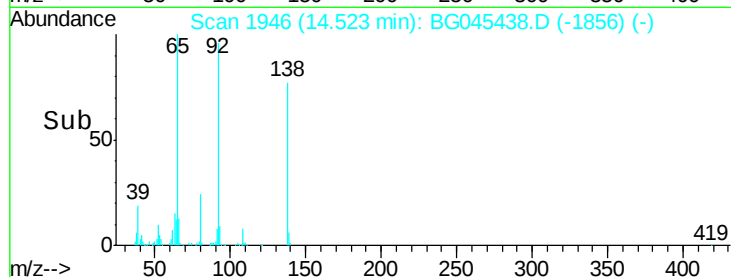
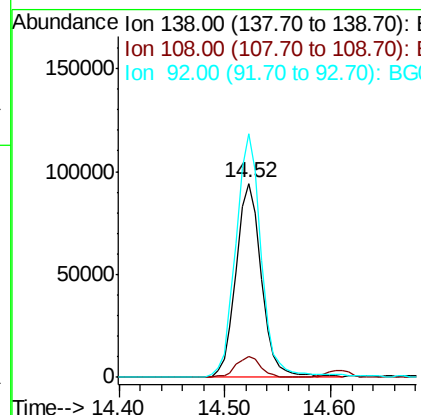
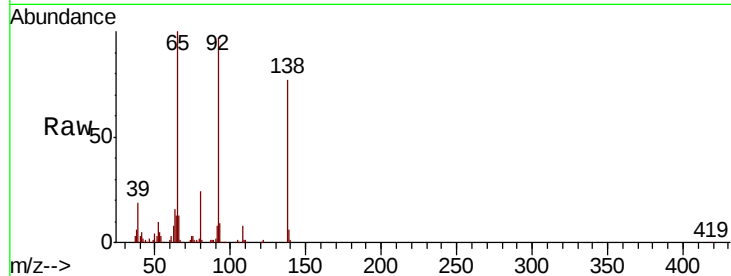
#53
3-Nitroaniline
Concen: 39.811 ng
RT: 14.52 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BG045438.D
Acq: 21 May 2020 12:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

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

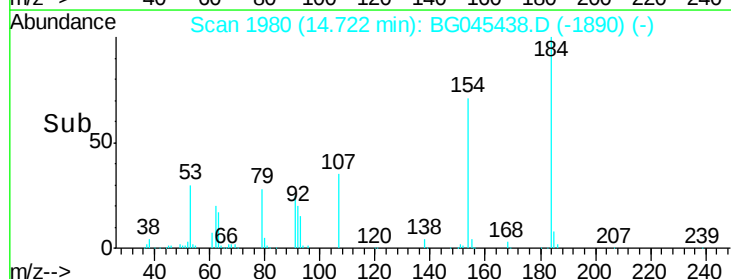
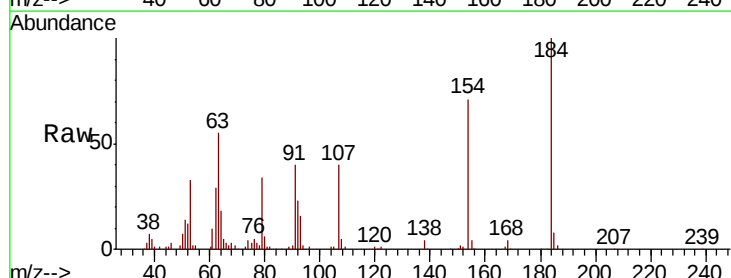
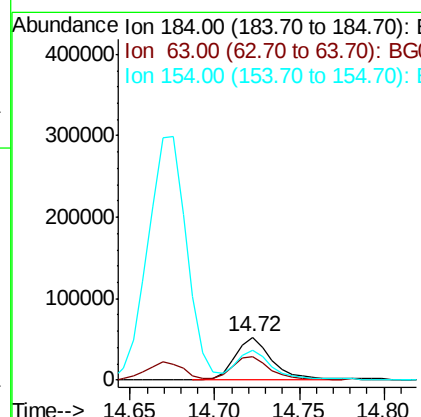
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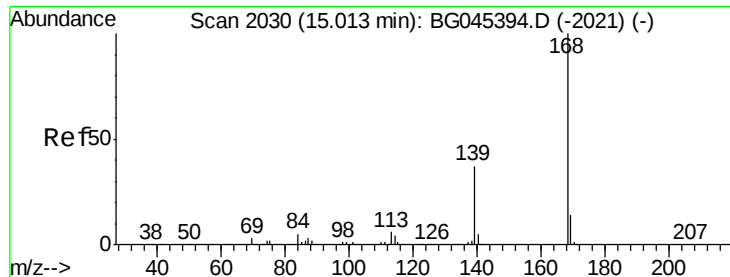
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#54
2,4-Dinitrophenol
Concen: 35.221 ng
RT: 14.72 min Scan# 1980
Delta R.T. 0.00 min
Lab File: BG045438.D
Acq: 21 May 2020 12:44

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





#55

Dibenzofuran

Concen: 39.515 ng

RT: 15.00 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BG045438.D

Acq: 21 May 2020 12:44

Instrument :

BNA_G

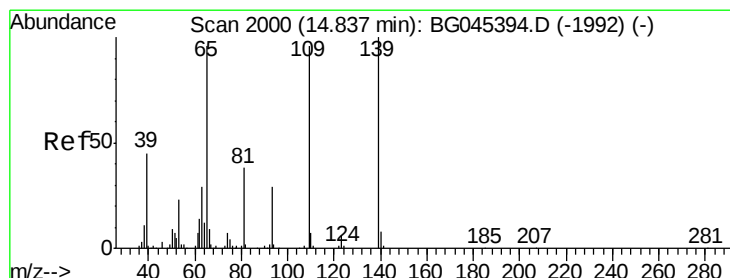
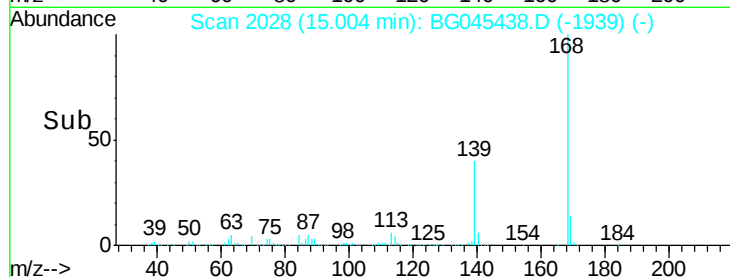
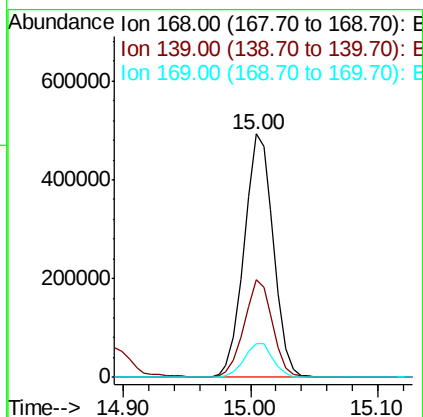
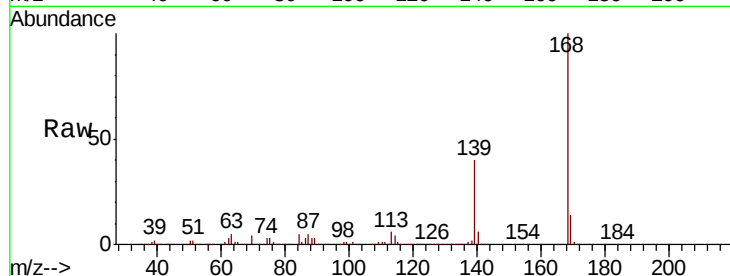
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.3	29.9	44.9
169	13.8	10.9	16.3

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#56

4-Nitrophenol

Concen: 37.890 ng

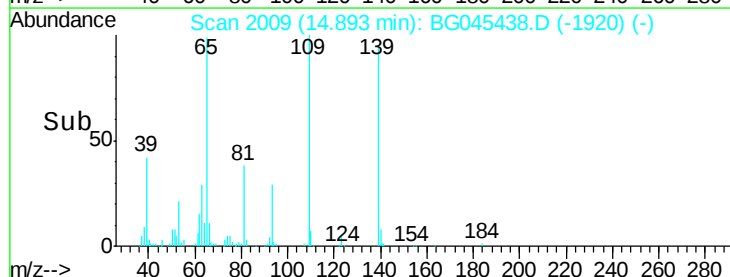
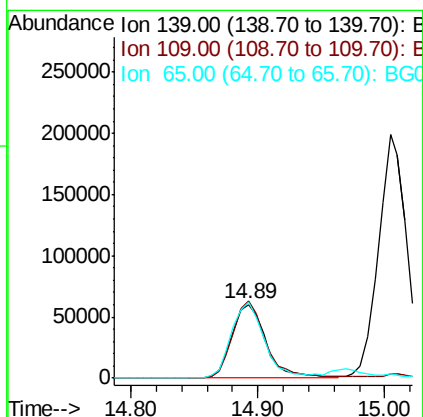
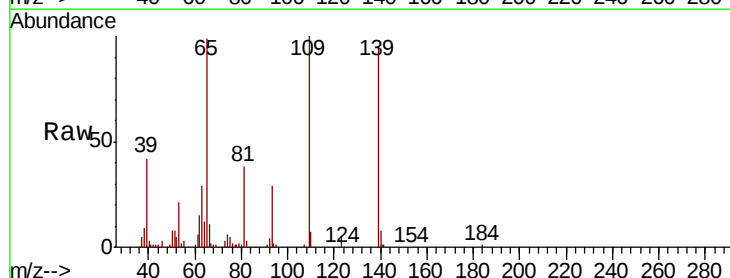
RT: 14.89 min Scan# 2009

Delta R.T. -0.00 min

Lab File: BG045438.D

Acq: 21 May 2020 12:44

Tgt Ion	Ratio	Lower	Upper
139	100		
109	104.8	75.6	115.6
65	103.2	76.8	116.8





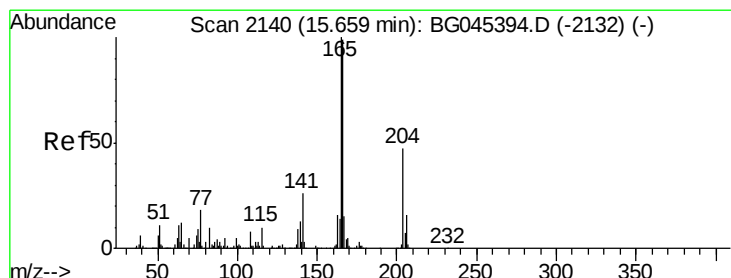
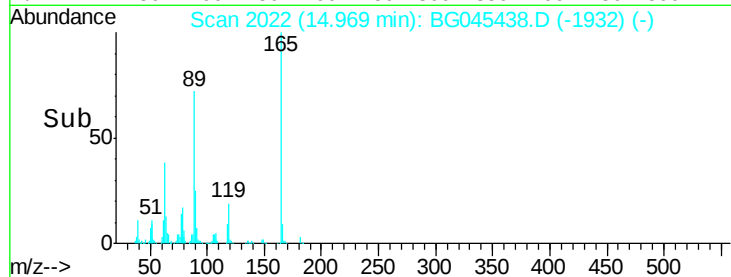
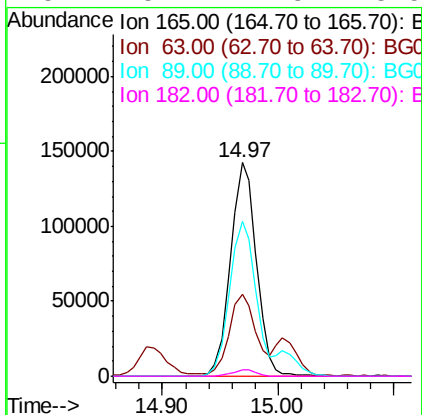
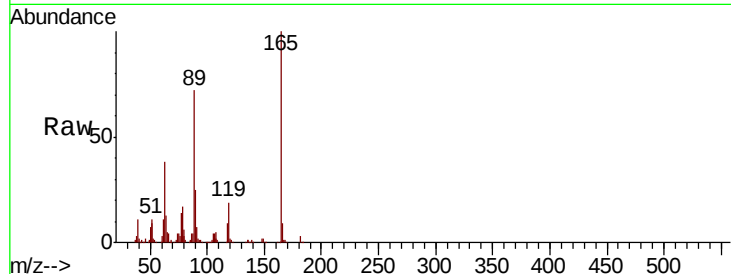
#57
2,4-Dinitrotoluene
Concen: 39.437 ng
RT: 14.97 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BG045438.D
Acq: 21 May 2020 12:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		220779		
63	38.1		32.5	48.7	
89	72.2		61.8	92.6	
182	3.1		2.3	3.5	

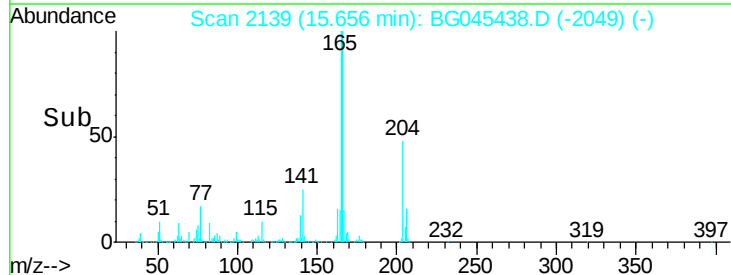
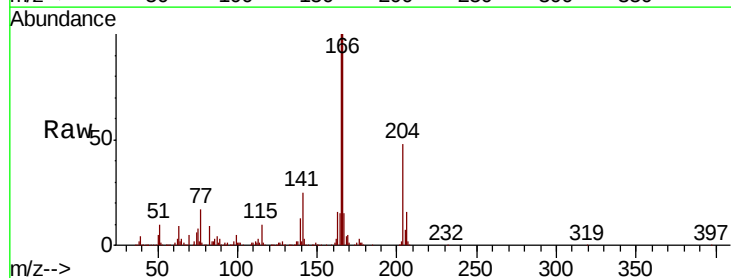
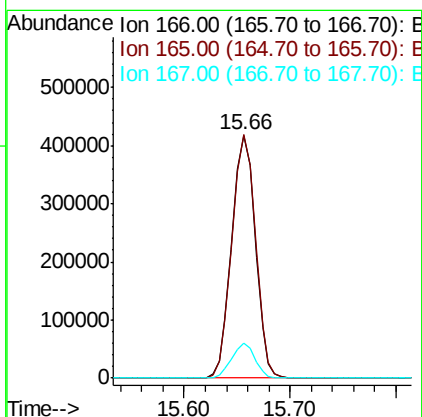
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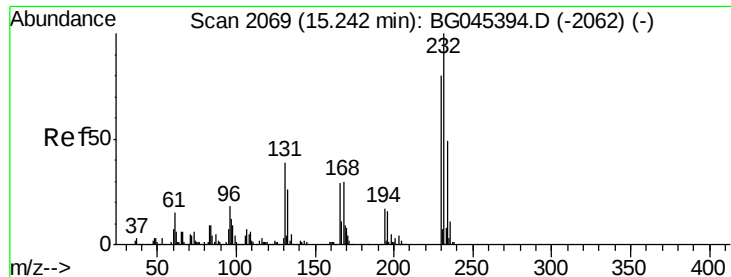
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#58
Fluorene
Concen: 39.602 ng
RT: 15.66 min Scan# 2139
Delta R.T. 0.00 min
Lab File: BG045438.D
Acq: 21 May 2020 12:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		647264		
165	100.2		80.8	121.2	
167	14.6		12.0	18.0	





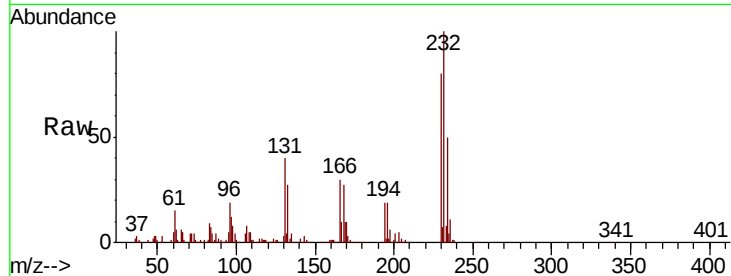
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.968 ng
RT: 15.25 min Scan# 2070
Delta R.T. 0.00 min
Lab File: BG045438.D
Acq: 21 May 2020 12:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

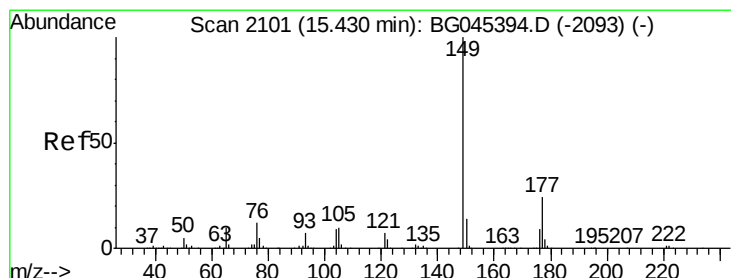
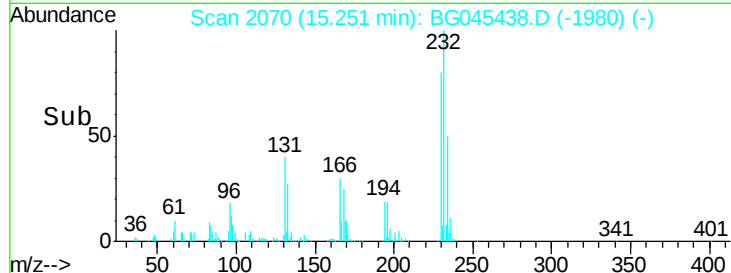
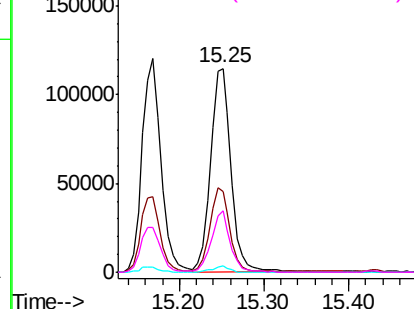
Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		194693		
131	39.8	33.7	50.5		
130	2.4	2.1	3.1		
166	27.5	23.2	34.8		

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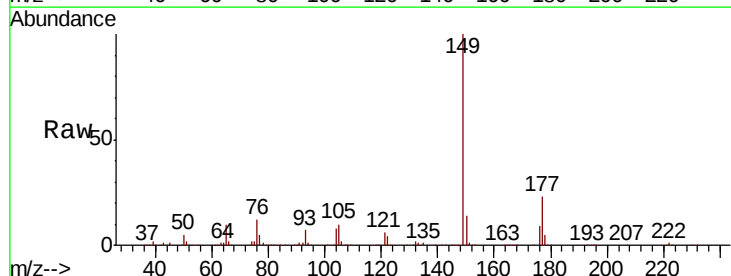


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

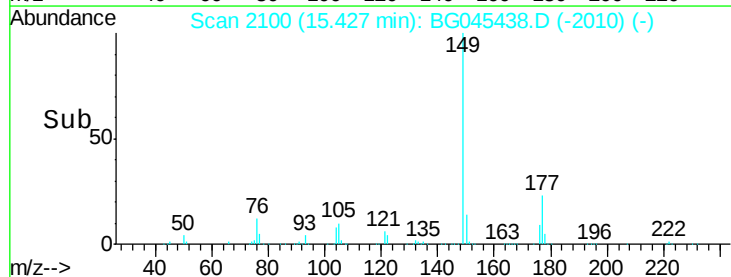
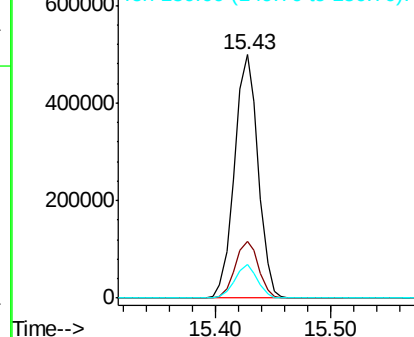


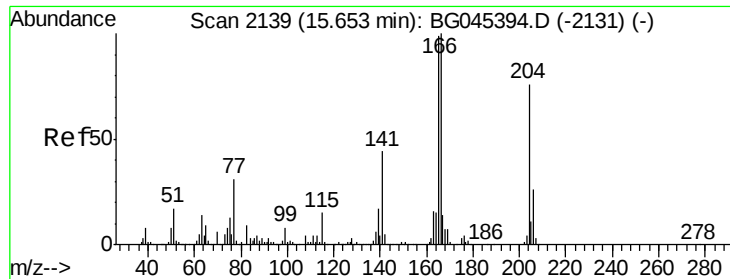
#60
Diethylphthalate
Concen: 39.453 ng
RT: 15.43 min Scan# 2100
Delta R.T. 0.00 min
Lab File: BG045438.D
Acq: 21 May 2020 12:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		703453		
177	23.2	19.0	28.4		
150	13.6	11.4	17.0		



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





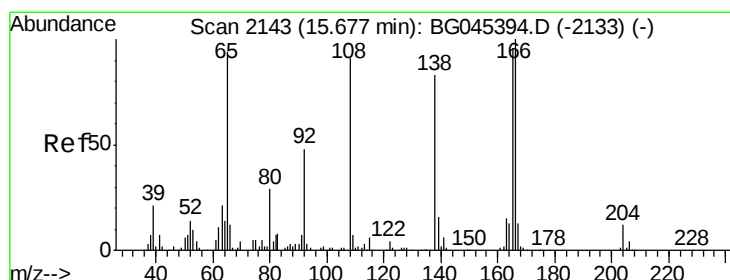
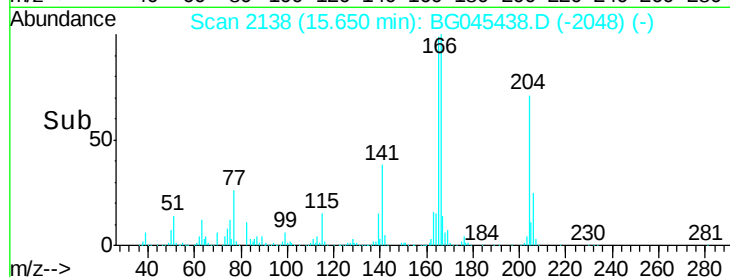
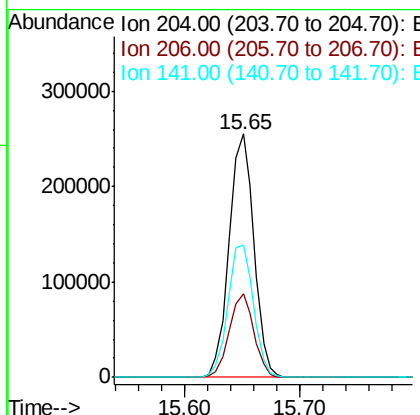
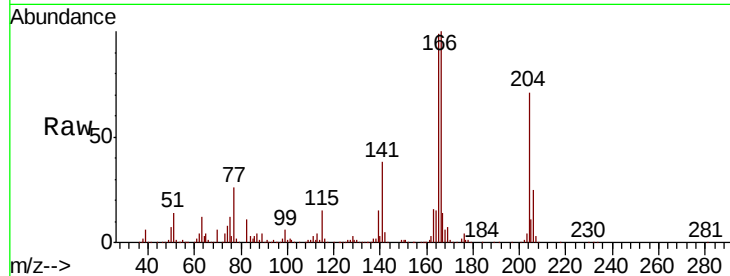
#61
4-Chlorophenyl-phenylether
Concen: 40.533 ng
RT: 15.65 min Scan# 2138
Delta R.T. 0.00 min
Lab File: BG045438.D
Acq: 21 May 2020 12:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
204	100	379098		
206	34.6	27.3	40.9	
141	54.1	45.9	68.9	

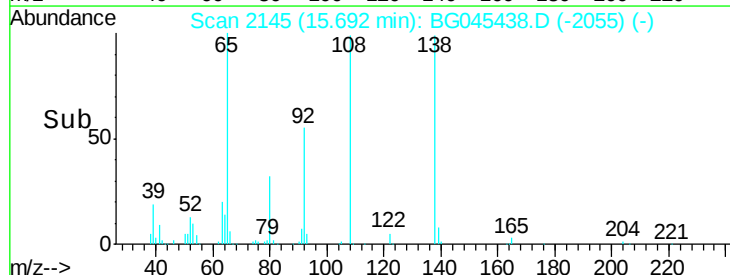
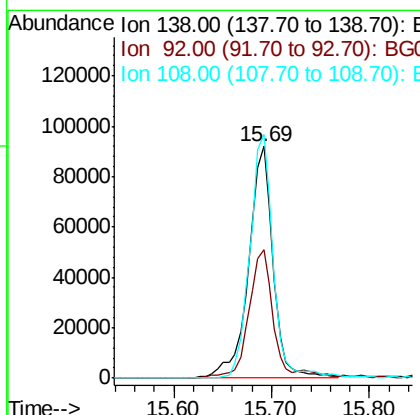
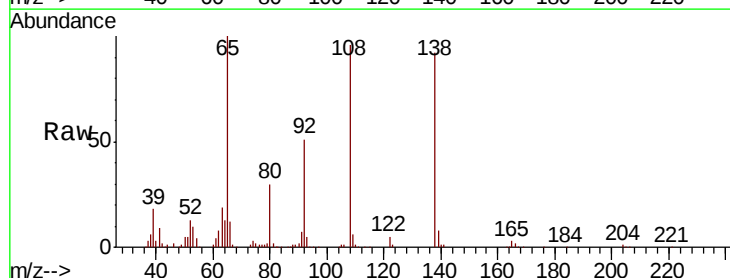
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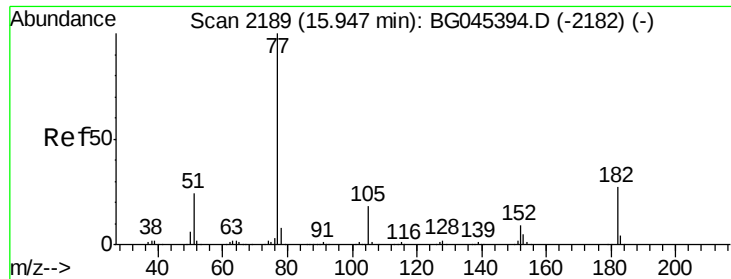
mohammad
5/22/2020 2:56:17 PM



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

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	163693		
92	55.1	38.0	78.0	
108	105.0	89.3	129.3	





#63

Azobenzene

Concen: 38.703 ng

RT: 15.94 min Scan# 2188

Delta R.T. 0.00 min

Lab File: BG045438.D

Acq: 21 May 2020 12:44

Instrument :

BNA_G

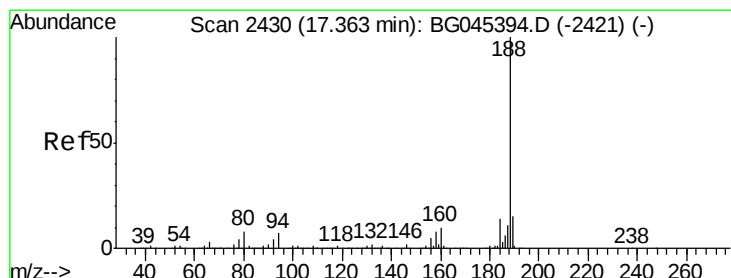
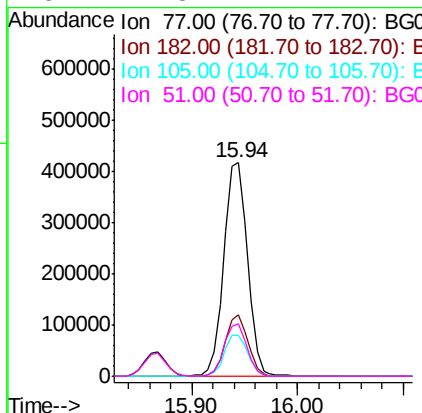
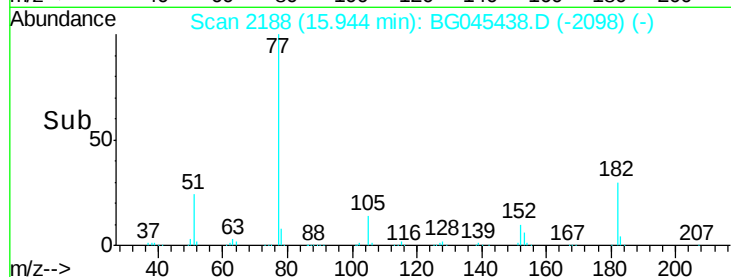
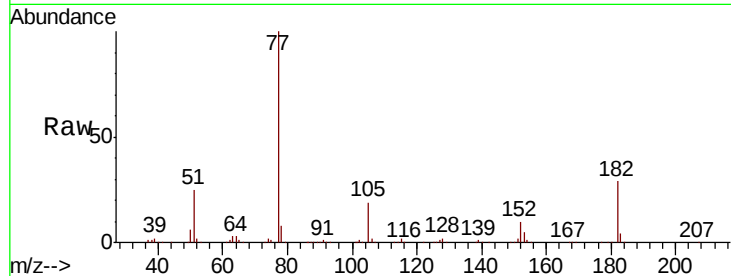
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	29.0	6.5	46.5	
105	19.4	0.0	37.9	
51	24.8	4.1	44.1	

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#64

Phenanthrene-d10

Concen: 20.000 ng

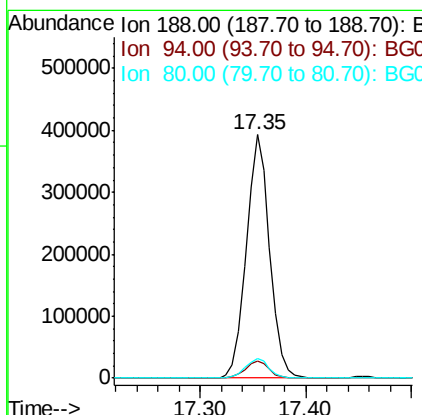
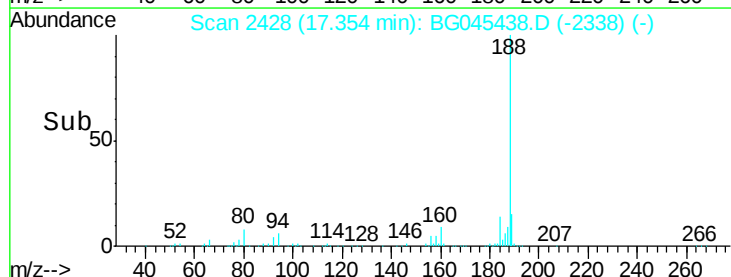
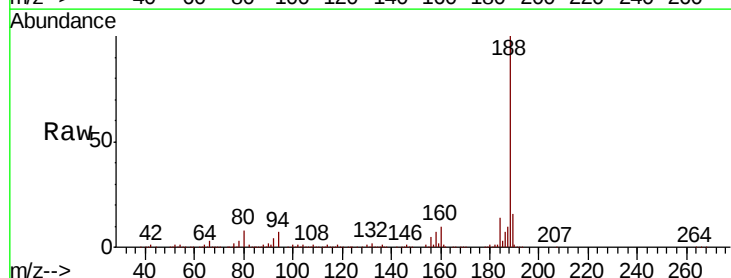
RT: 17.35 min Scan# 2428

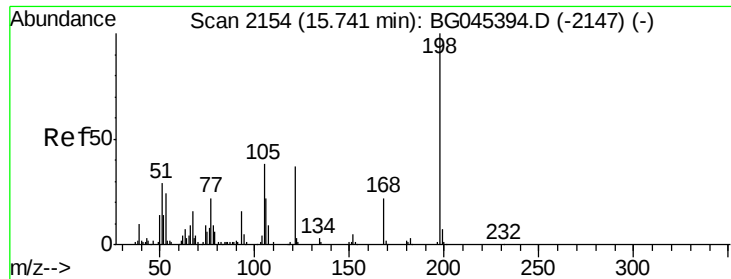
Delta R.T. 0.00 min

Lab File: BG045438.D

Acq: 21 May 2020 12:44

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.2	5.5	8.3	
80	8.0	6.6	10.0	





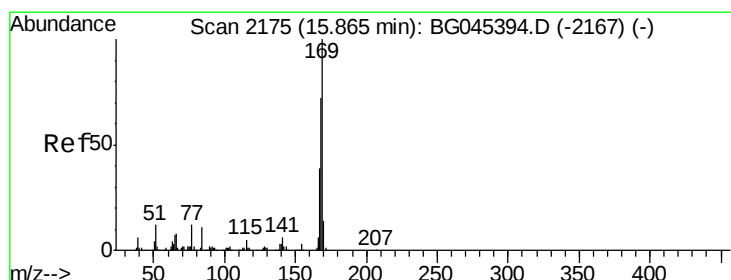
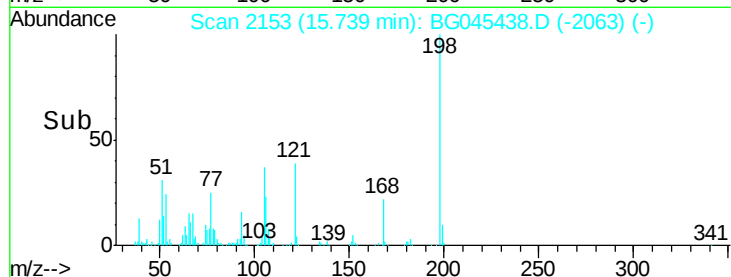
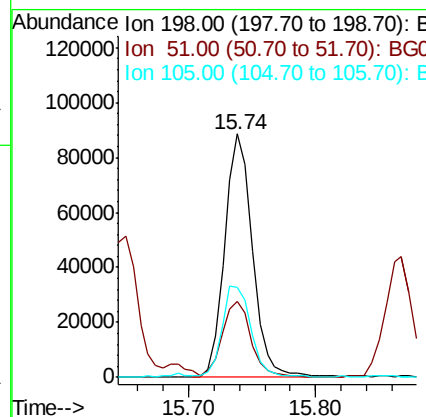
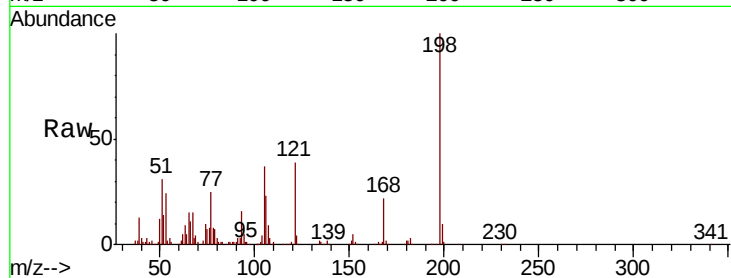
#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.786 ng
 RT: 15.74 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: BG045438.D
 Acq: 21 May 2020 12:44

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	135425		
51	31.0		10.0	50.0
105	37.2		18.9	58.9

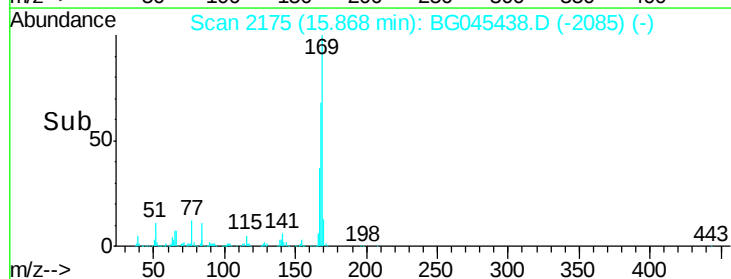
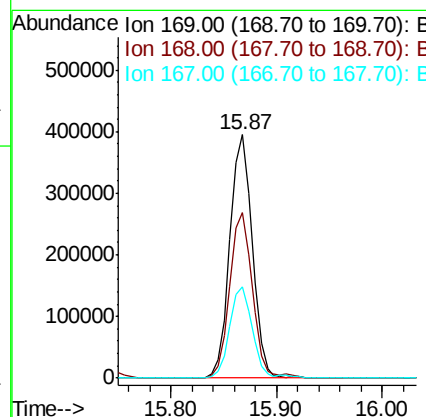
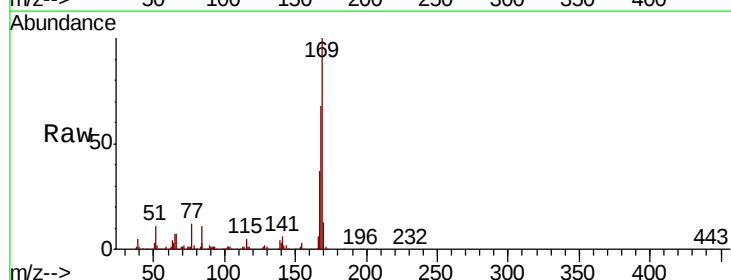
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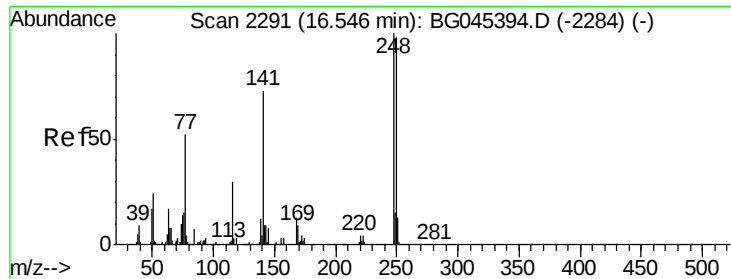
mohammad
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#66
 n-Nitrosodiphenylamine
 Concen: 40.268 ng
 RT: 15.87 min Scan# 2175
 Delta R.T. 0.00 min
 Lab File: BG045438.D
 Acq: 21 May 2020 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	579630		
168	68.1		57.8	86.6
167	37.4		31.5	47.3





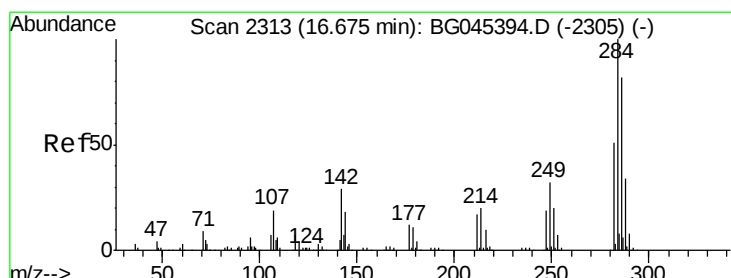
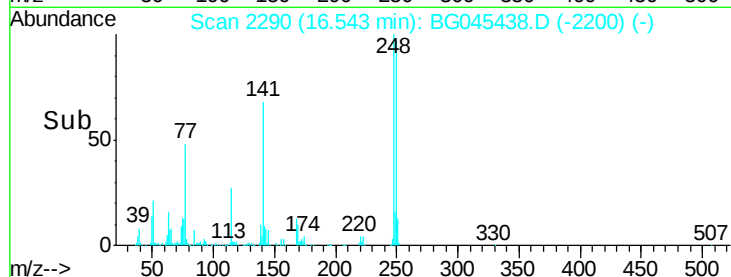
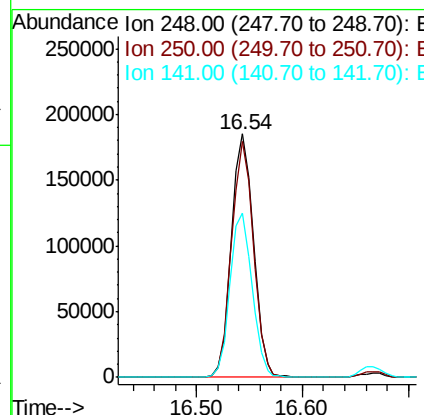
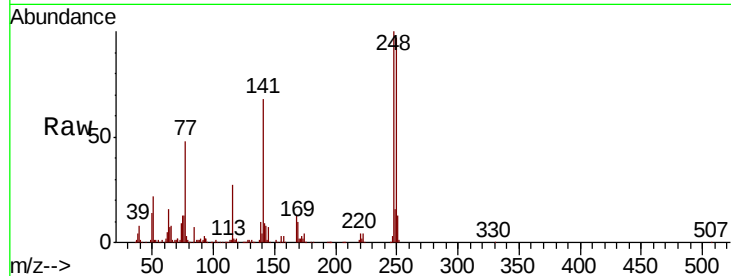
#67
4-Bromophenyl-phenylether
Concen: 41.197 ng
RT: 16.54 min Scan# 2290
Delta R.T. 0.00 min
Lab File: BG045438.D
Acq: 21 May 2020 12:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

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

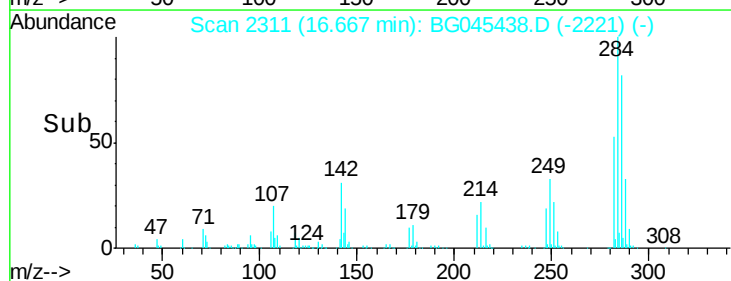
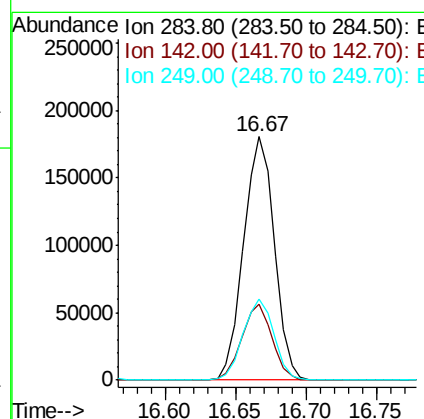
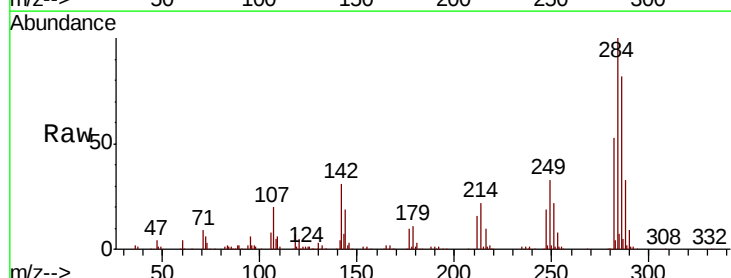
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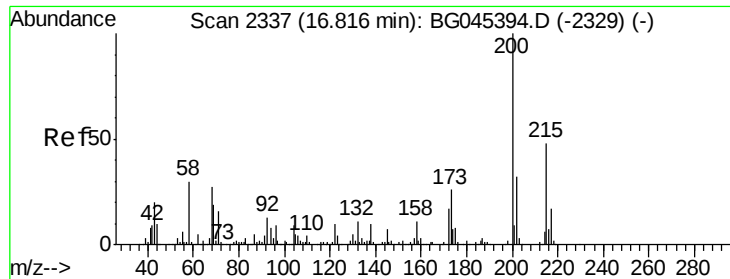
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#68
Hexachlorobenzene
Concen: 40.612 ng
RT: 16.67 min Scan# 2311
Delta R.T. 0.00 min
Lab File: BG045438.D
Acq: 21 May 2020 12:44

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





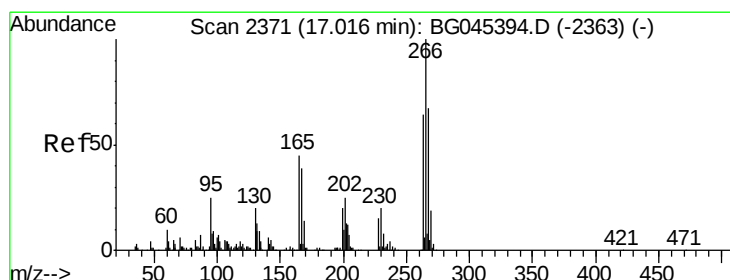
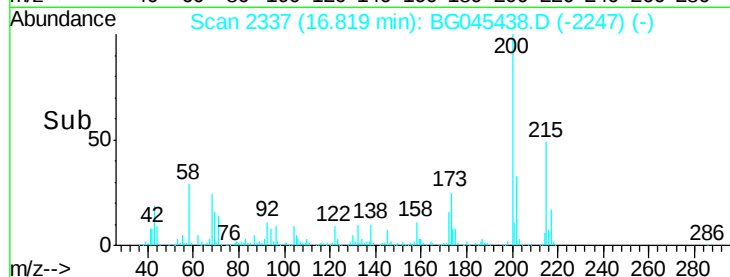
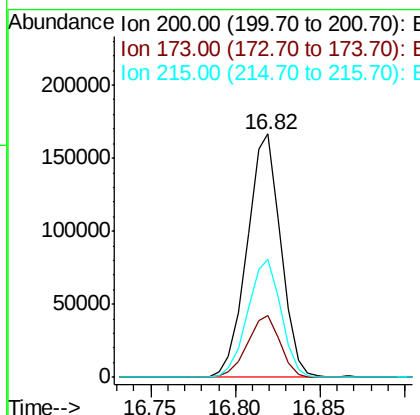
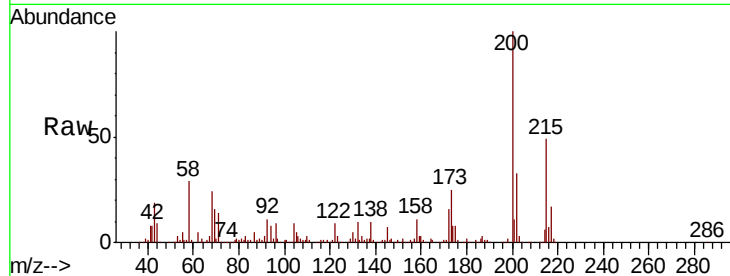
#69
Atrazine
Concen: 38.880 ng
RT: 16.82 min Scan# 2337
Delta R.T. 0.00 min
Lab File: BG045438.D
Acq: 21 May 2020 12:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.4	5.5	45.5
215	48.6	28.2	68.2

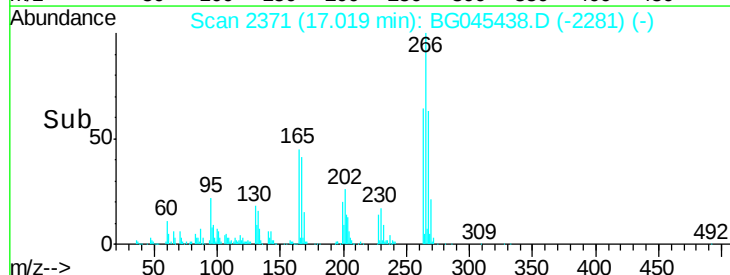
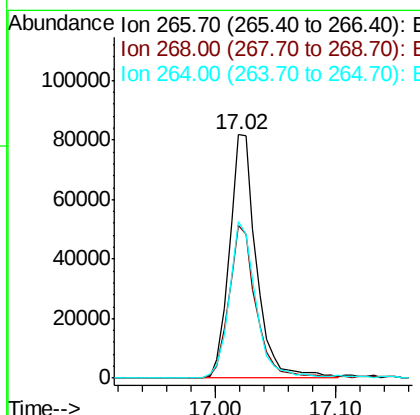
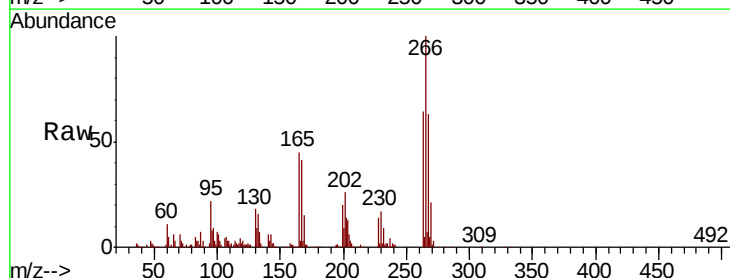
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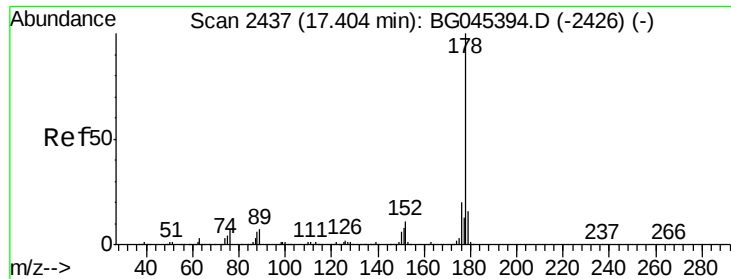
mohammad
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#70
Pentachlorophenol
Concen: 36.116 ng
RT: 17.02 min Scan# 2371
Delta R.T. 0.00 min
Lab File: BG045438.D
Acq: 21 May 2020 12:44

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.9	53.2	79.8
264	64.5	51.0	76.4





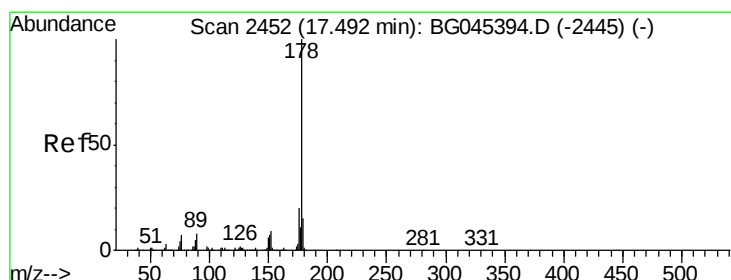
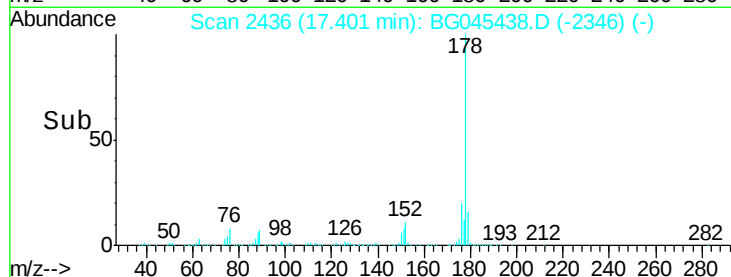
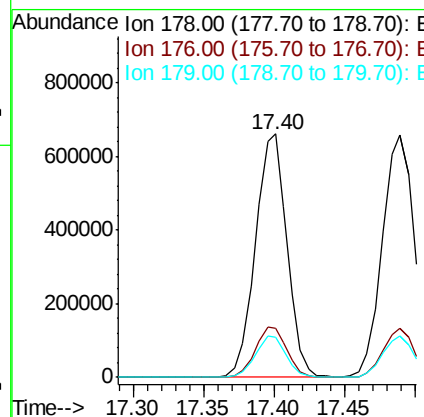
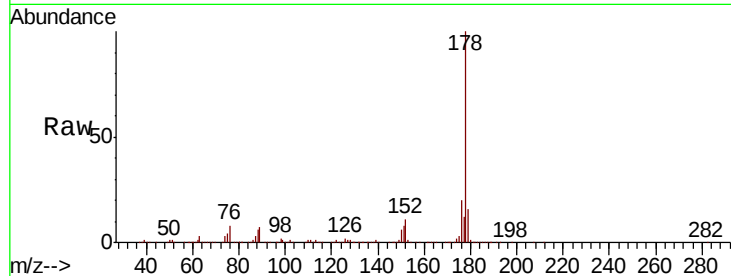
#71
Phenanthrene
Concen: 39.636 ng
RT: 17.40 min Scan# 2436
Delta R.T. 0.00 min
Lab File: BG045438.D
Acq: 21 May 2020 12:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

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

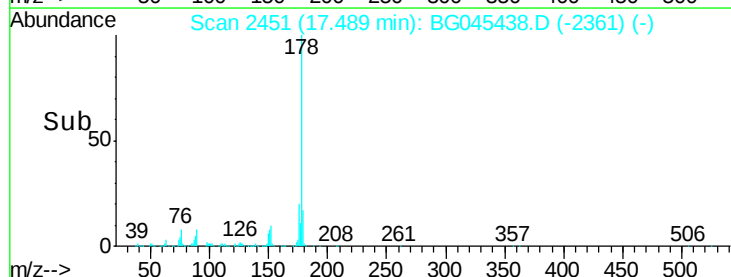
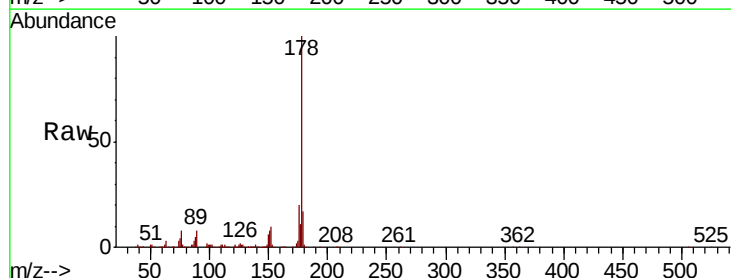
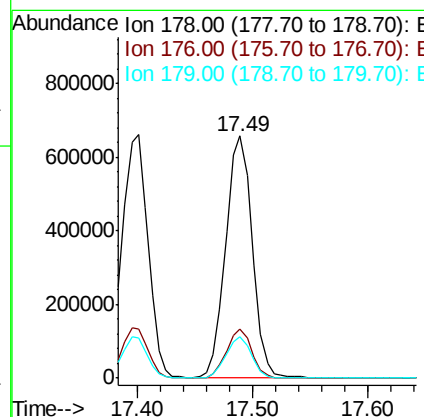
Manual Integrations
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#72
Anthracene
Concen: 39.796 ng
RT: 17.49 min Scan# 2451
Delta R.T. 0.00 min
Lab File: BG045438.D
Acq: 21 May 2020 12:44

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





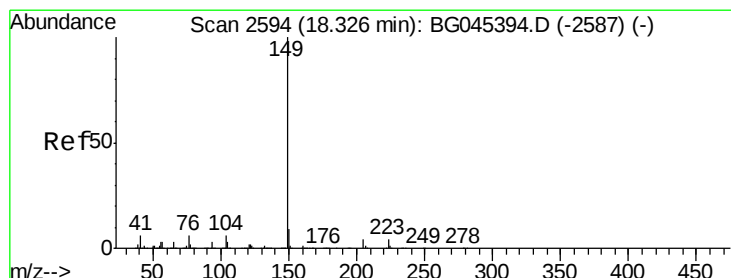
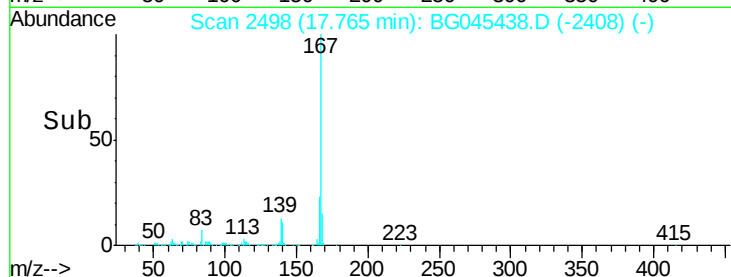
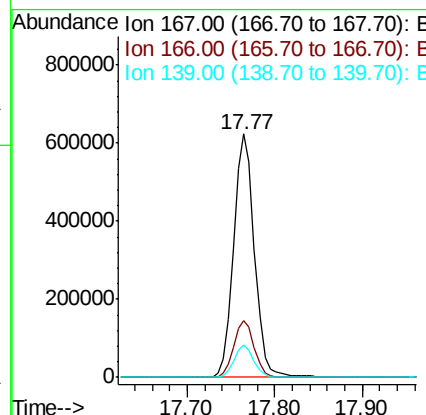
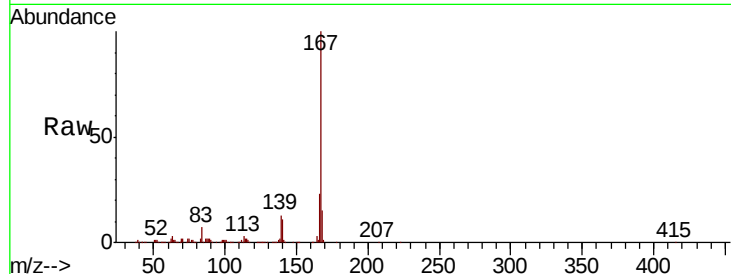
#73
 Carbazole
 Concen: 39.413 ng
 RT: 17.77 min Scan# 2498
 Delta R.T. 0.00 min
 Lab File: BG045438.D
 Acq: 21 May 2020 12:44

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.2	19.2	28.8
139	13.1	10.6	16.0

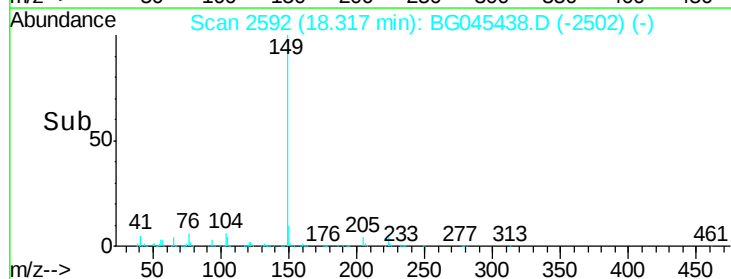
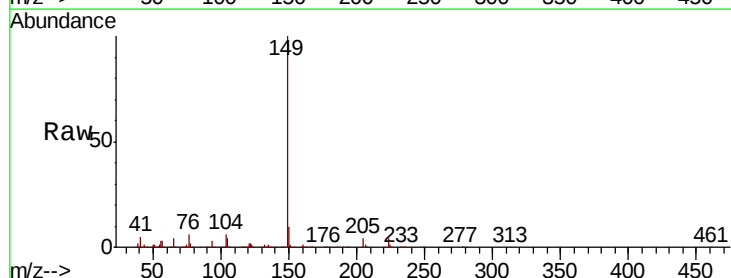
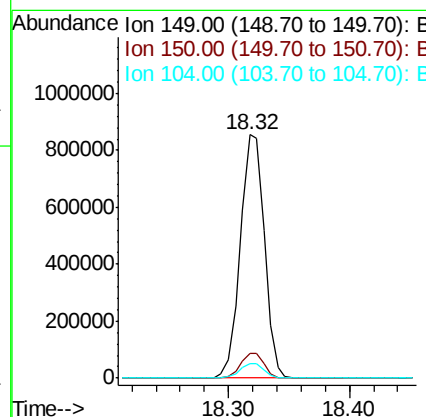
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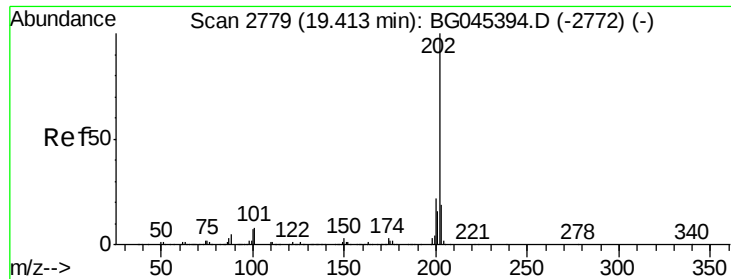
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#74
 Di-n-butylphthalate
 Concen: 38.718 ng
 RT: 18.32 min Scan# 2592
 Delta R.T. 0.00 min
 Lab File: BG045438.D
 Acq: 21 May 2020 12:44

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.6	11.4
104	6.0	5.0	7.4





#75

Fluoranthene

Concen: 38.832 ng

RT: 19.41 min Scan# 2778

Delta R.T. 0.00 min

Lab File: BG045438.D

Acq: 21 May 2020 12:44

Instrument :

BNA_G

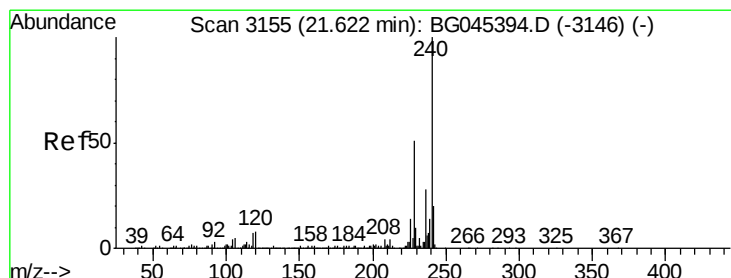
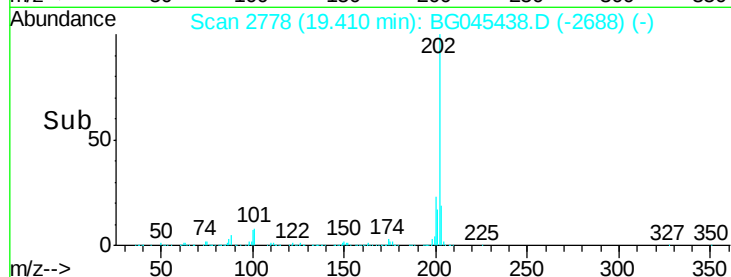
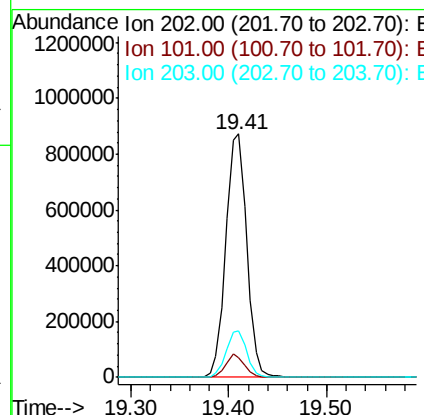
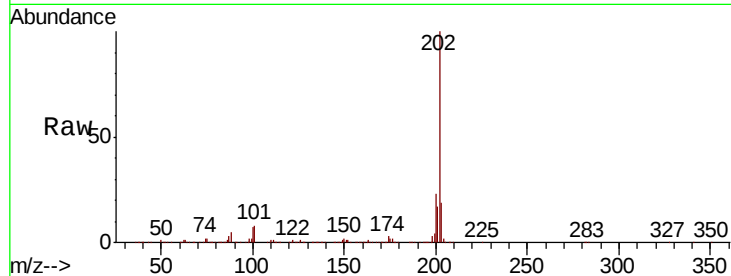
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	8.2	0.0	28.3		
203	19.2	0.0	39.0		

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

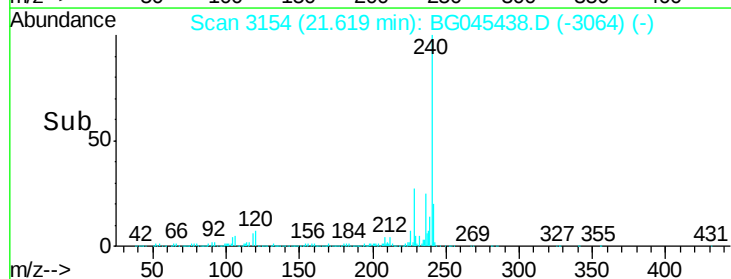
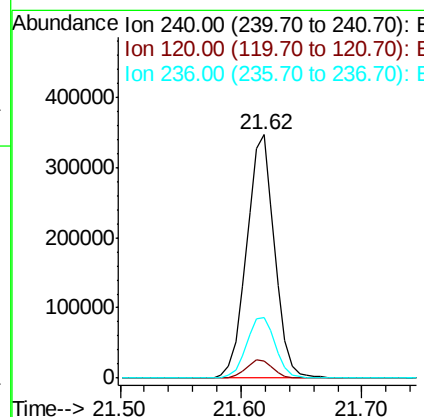
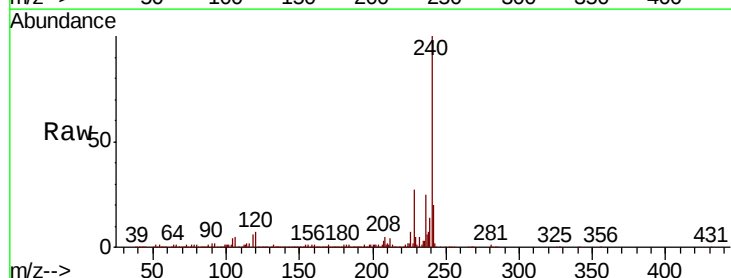
RT: 21.62 min Scan# 3154

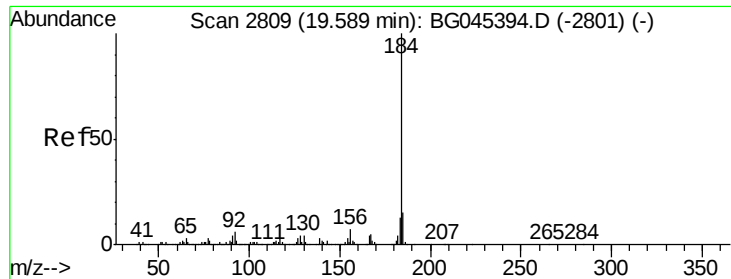
Delta R.T. 0.00 min

Lab File: BG045438.D

Acq: 21 May 2020 12:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100				
120	6.8	6.1	9.1		
236	25.0	22.3	33.5		





#77

Benzidine

Concen: 33.776 ng

RT: 19.59 min Scan# 2808

Delta R.T. 0.00 min

Lab File: BG045438.D

Acq: 21 May 2020 12:44

Instrument :

BNA_G

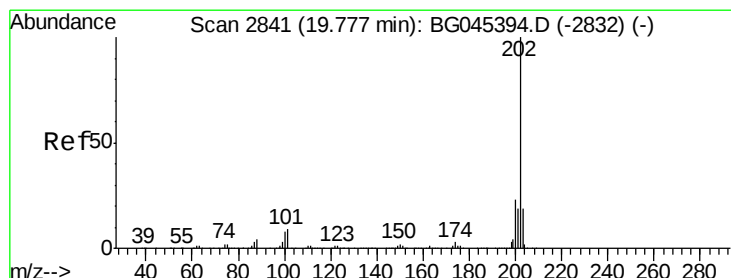
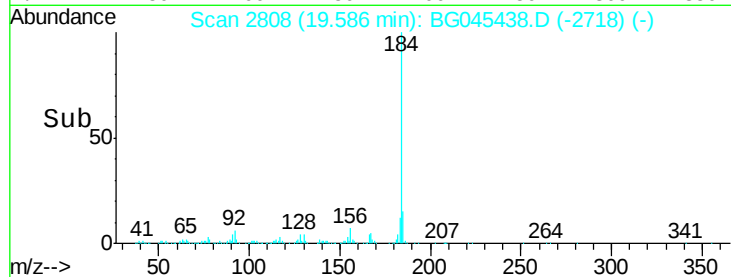
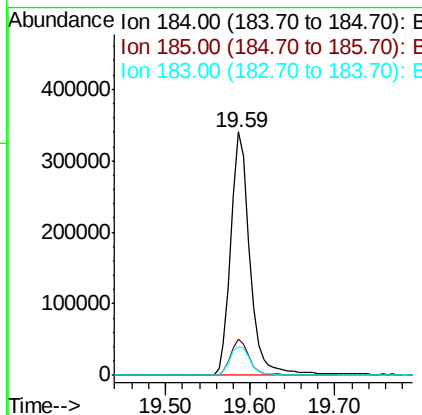
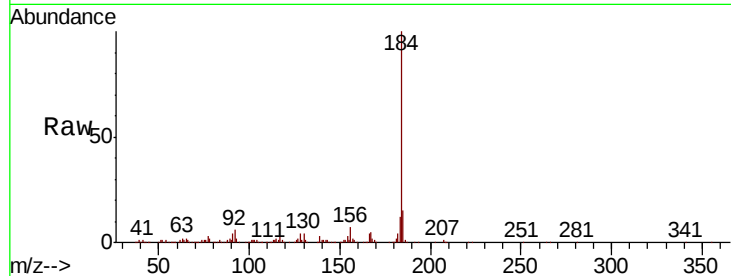
ClientSampleId :

SSTDCCC040

Tot Ion:	184	Resp:	527613
Ion Ratio	Lower	Upper	
184	100		
185	15.2	11.7	17.5
183	11.6	10.2	15.4

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#78

Pyrene

Concen: 40.799 ng

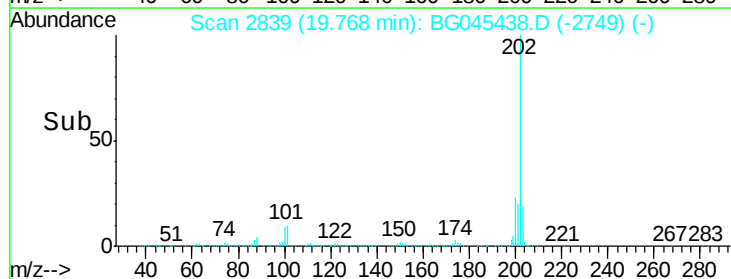
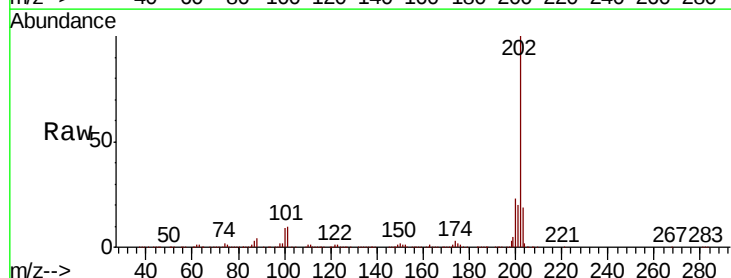
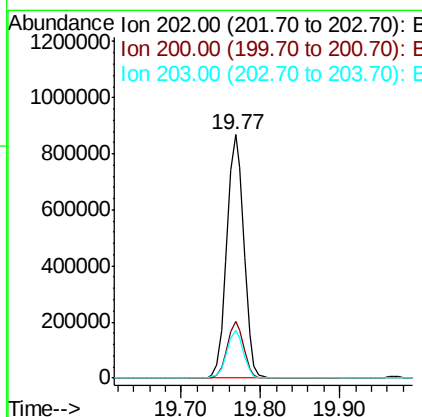
RT: 19.77 min Scan# 2839

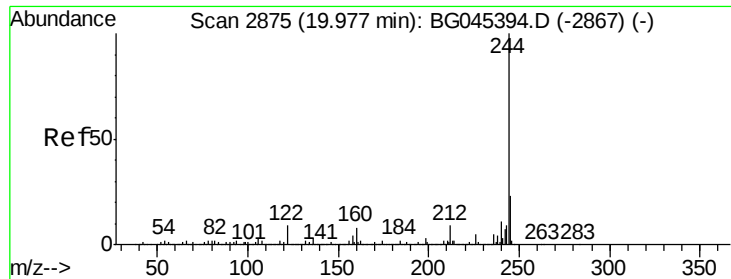
Delta R.T. 0.00 min

Lab File: BG045438.D

Acq: 21 May 2020 12:44

Tgt Ion:	202	Resp:	1293568
Ion Ratio	Lower	Upper	
202	100		
200	23.2	18.2	27.2
203	19.5	15.1	22.7





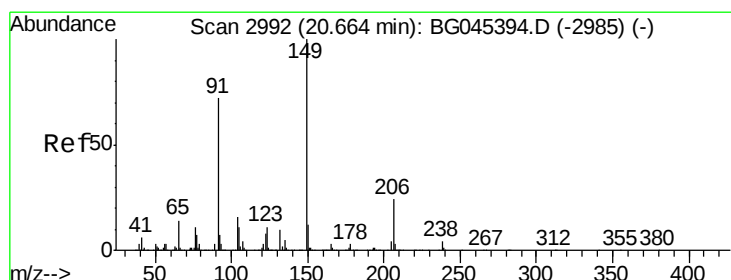
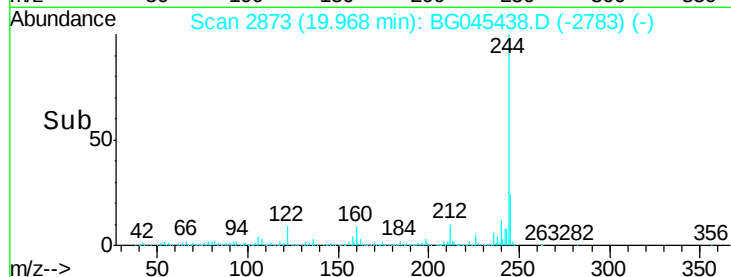
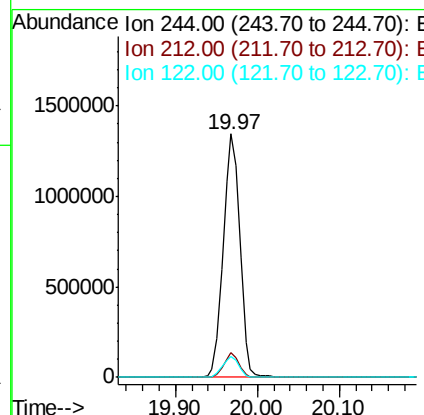
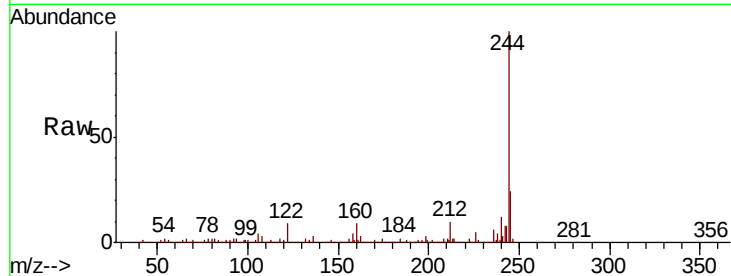
#79
 Terphenyl-d14
 Concen: 80.382 ng
 RT: 19.97 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: BG045438.D
 Acq: 21 May 2020 12:44

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:244 Resp: 1916923
 Ion Ratio Lower Upper
 244 100
 212 10.2 7.4 11.0
 122 8.8 6.8 10.2

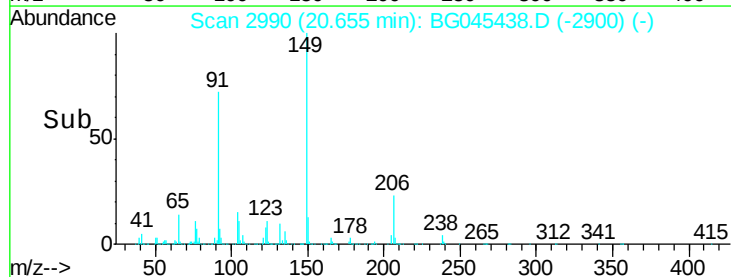
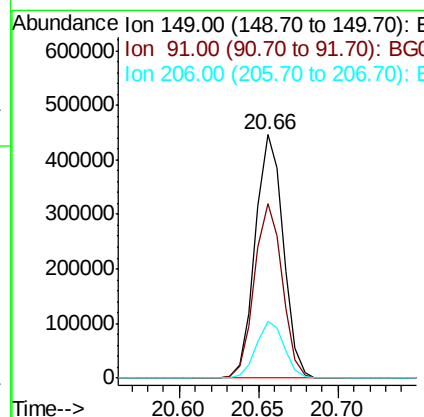
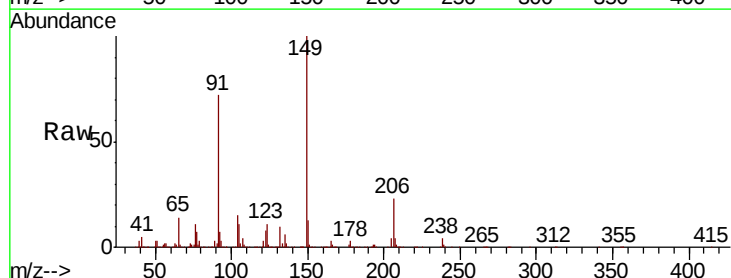
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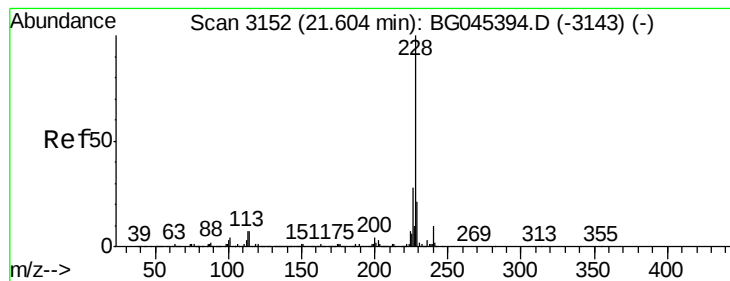
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#80
 Butylbenzylphthalate
 Concen: 39.975 ng
 RT: 20.66 min Scan# 2990
 Delta R.T. 0.00 min
 Lab File: BG045438.D
 Acq: 21 May 2020 12:44

Tgt Ion:149 Resp: 547066
 Ion Ratio Lower Upper
 149 100
 91 71.7 57.8 86.6
 206 23.3 19.1 28.7





#81

Benzo(a)anthracene

Concen: 40.100 ng

RT: 21.60 min Scan# 3150

Delta R.T. 0.00 min

Lab File: BG045438.D

Acq: 21 May 2020 12:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1242470

Ion Ratio Lower Upper

228 100

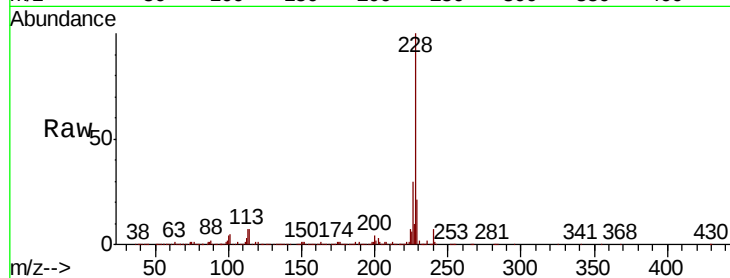
226 29.6 22.7 34.1

229 21.3 16.7 25.1

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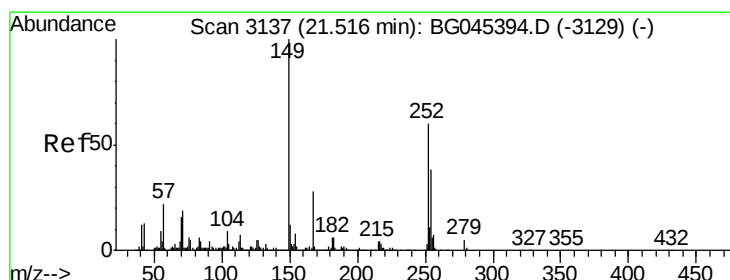
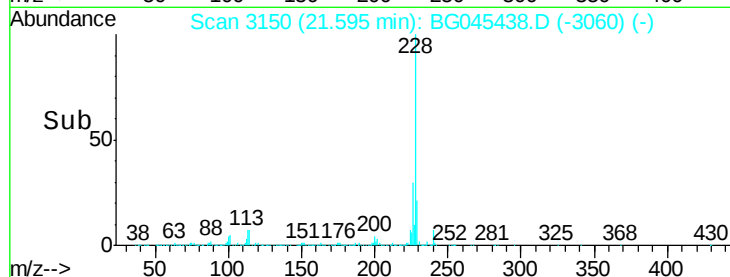
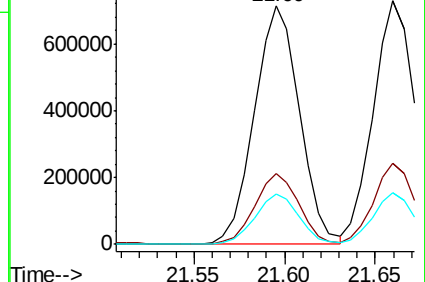
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 40.041 ng

RT: 21.51 min Scan# 3136

Delta R.T. 0.00 min

Lab File: BG045438.D

Acq: 21 May 2020 12:44

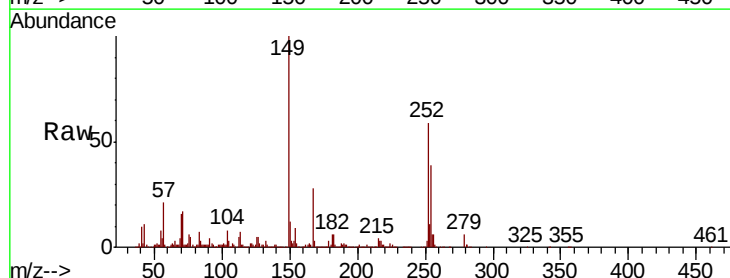
Tgt Ion:252 Resp: 486654

Ion Ratio Lower Upper

252 100

254 65.9 51.3 76.9

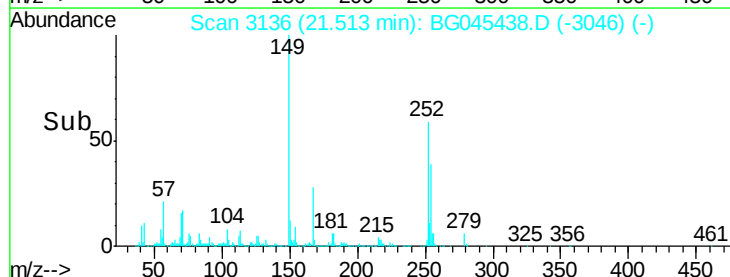
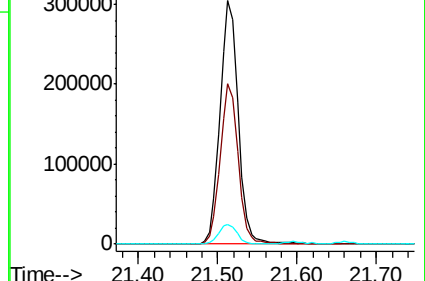
126 7.8 6.6 10.0

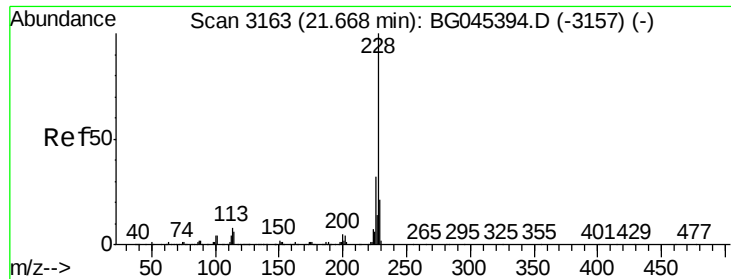


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





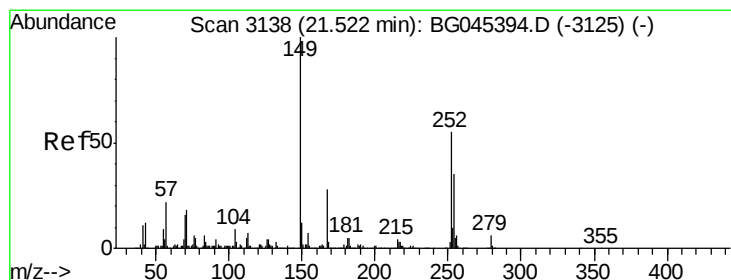
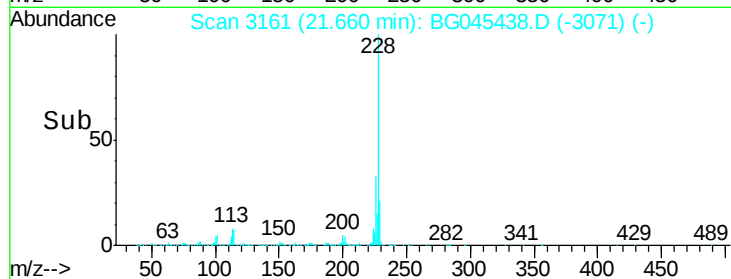
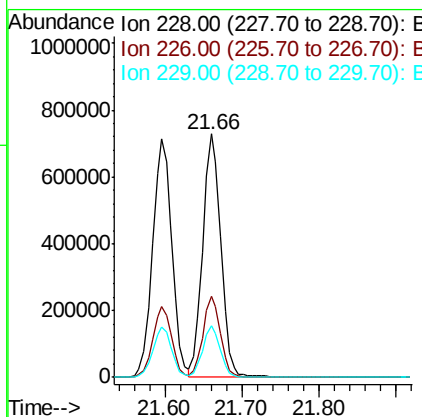
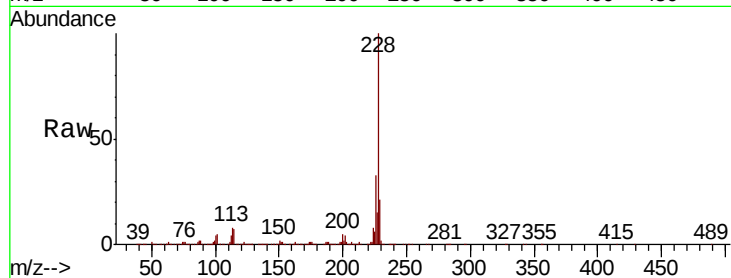
#83
 Chrysene
 Concen: 39.820 ng
 RT: 21.66 min Scan# 3161
 Delta R.T. 0.00 min
 Lab File: BG045438.D
 Acq: 21 May 2020 12:44

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.3	25.2	37.8
229	21.0	16.7	25.1

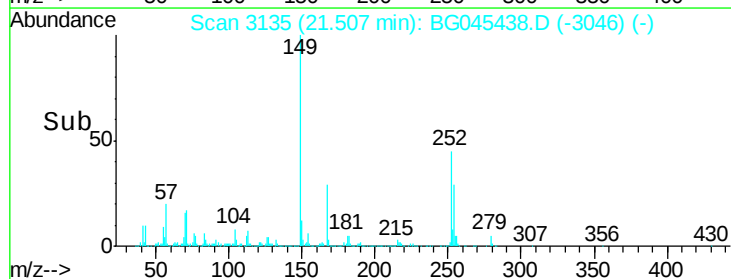
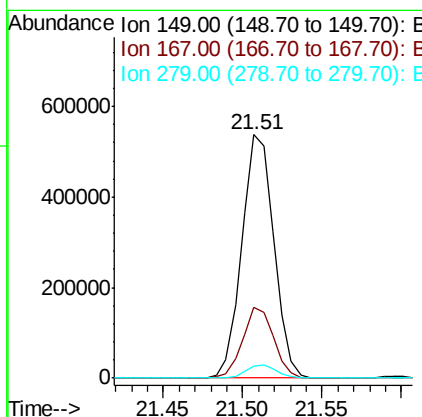
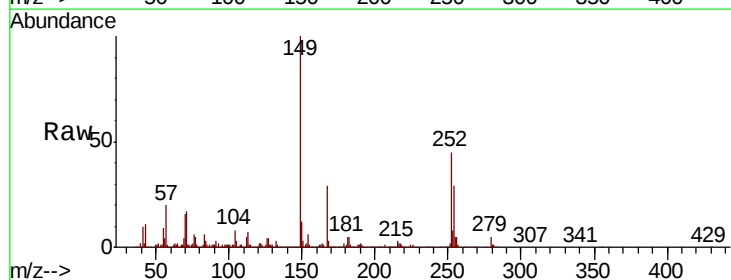
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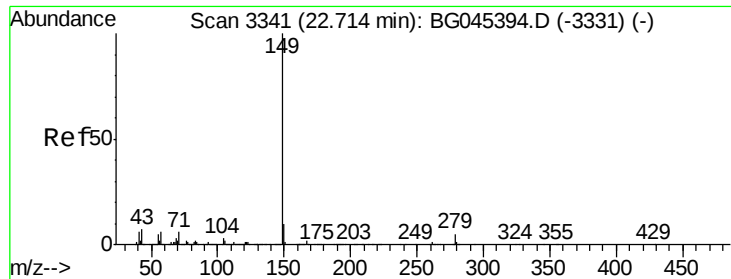
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.054 ng
 RT: 21.51 min Scan# 3135
 Delta R.T. -0.00 min
 Lab File: BG045438.D
 Acq: 21 May 2020 12:44

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.8	22.2	33.2
279	5.1	4.7	7.1





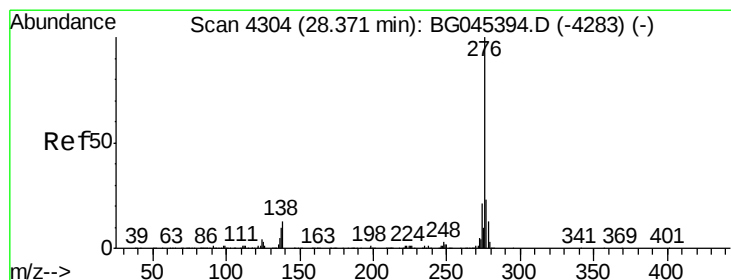
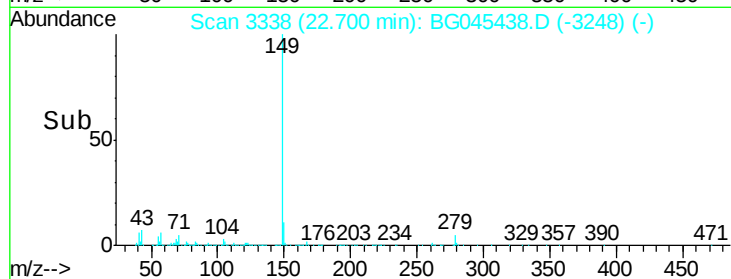
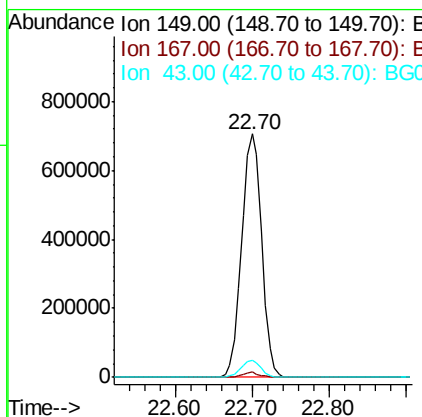
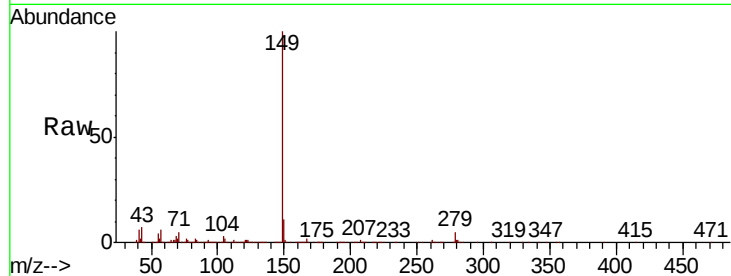
#85
Di-n-octyl phthalate
Concen: 39.659 ng
RT: 22.70 min Scan# 3338
Delta R.T. 0.00 min
Lab File: BG045438.D
Acq: 21 May 2020 12:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

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

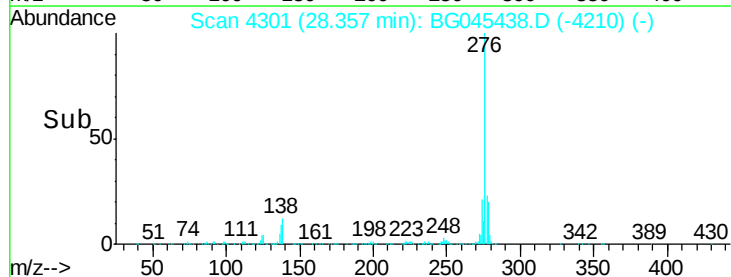
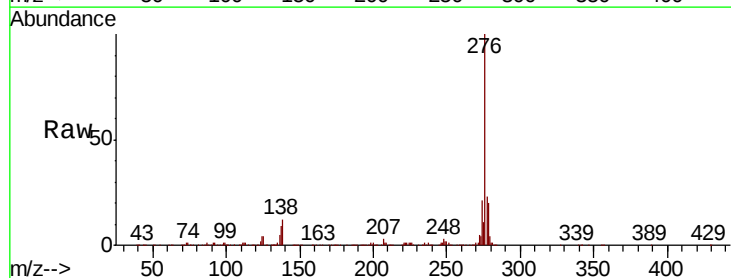
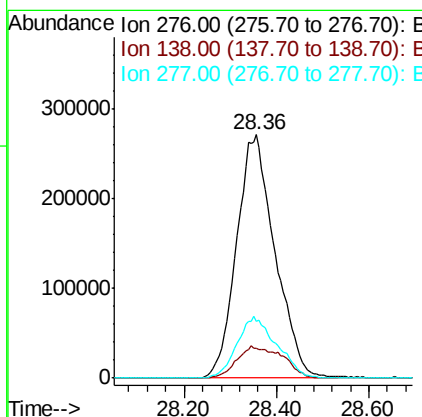
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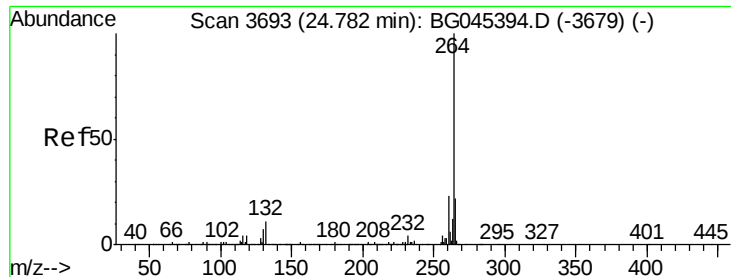
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 40.175 ng
RT: 28.36 min Scan# 4301
Delta R.T. 0.01 min
Lab File: BG045438.D
Acq: 21 May 2020 12:44

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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.77 min Scan# 3690

Delta R.T. 0.00 min

Lab File: BG045438.D

Acq: 21 May 2020 12:44

Instrument :

BNA_G

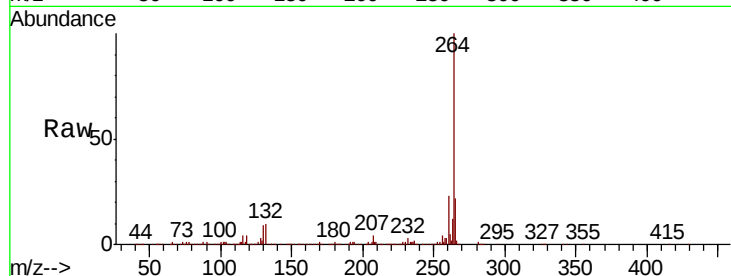
ClientSampleId :

SSTDCCC040

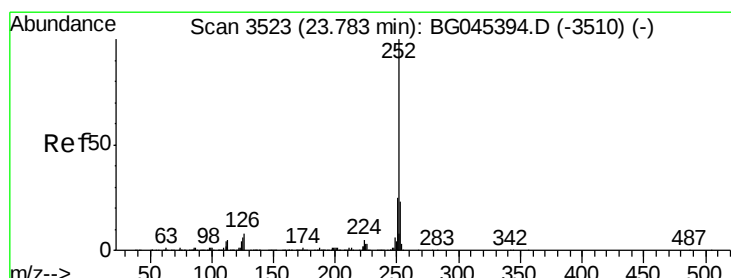
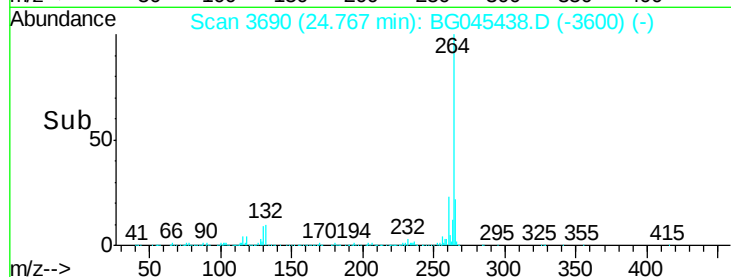
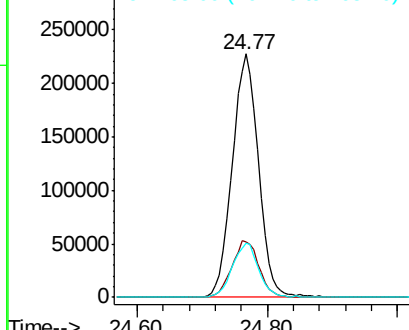
Tot Ion:	264	Resp:	634526
Ion Ratio	Lower	Upper	
264	100		
260	22.8	18.2	27.4
265	22.4	17.6	26.4

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 39.370 ng

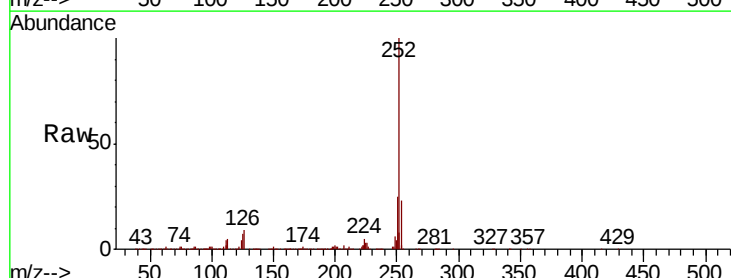
RT: 23.77 min Scan# 3520

Delta R.T. 0.00 min

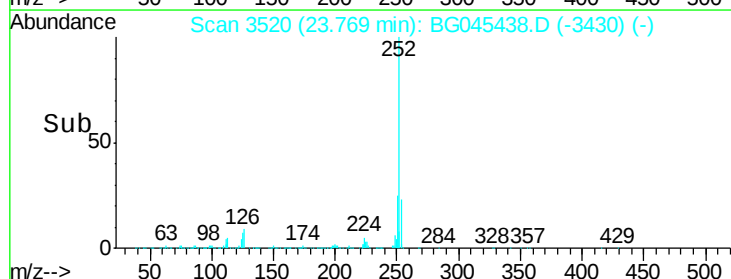
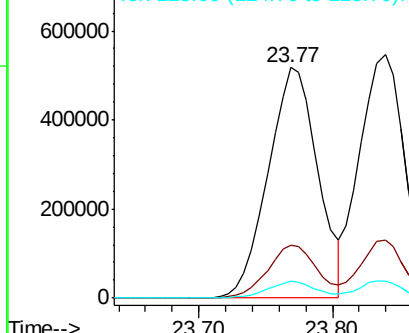
Lab File: BG045438.D

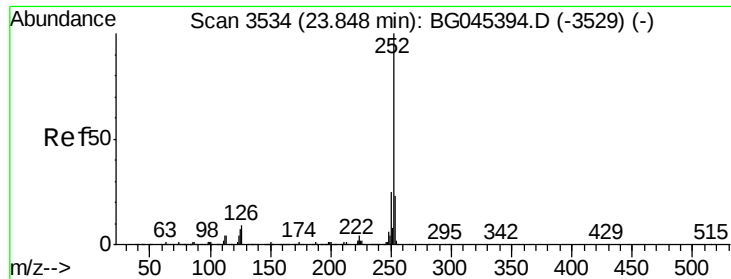
Acq: 21 May 2020 12:44

Tgt Ion:	252	Resp:	1339790
Ion Ratio	Lower	Upper	
252	100		
253	22.7	18.1	27.1
125	7.3	5.0	7.6



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





#89

Benzo(k)fluoranthene

Concen: 40.425 ng

RT: 23.84 min Scan# 3532

Delta R.T. 0.00 min

Lab File: BG045438.D

Acq: 21 May 2020 12:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:252 Resp: 1292429

Ion Ratio Lower Upper

252 100

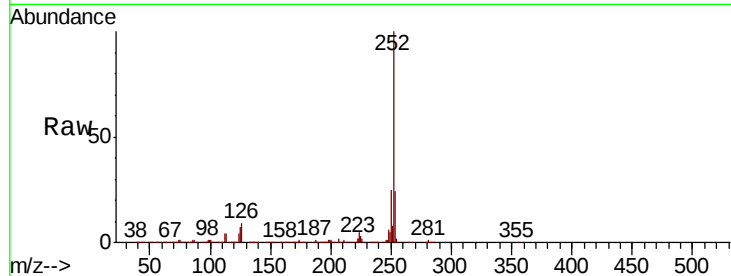
253 24.0 18.4 27.6

125 6.8 5.7 8.5

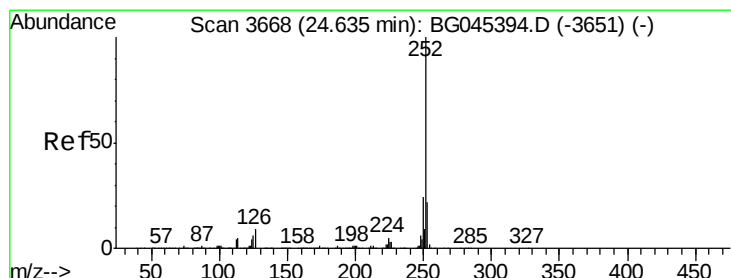
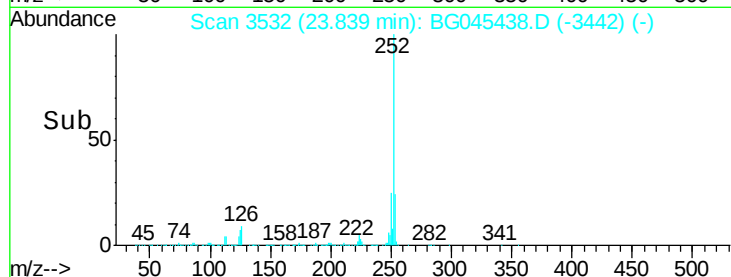
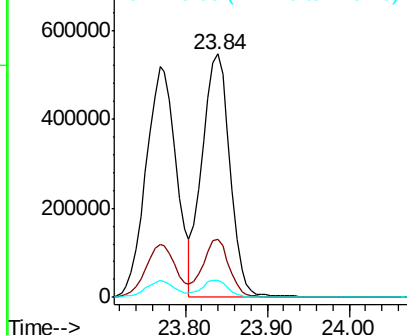
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 39.780 ng

RT: 24.62 min Scan# 3665

Delta R.T. 0.00 min

Lab File: BG045438.D

Acq: 21 May 2020 12:44

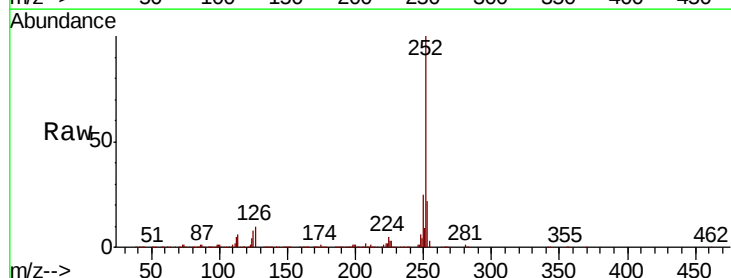
Tgt Ion:252 Resp: 1260776

Ion Ratio Lower Upper

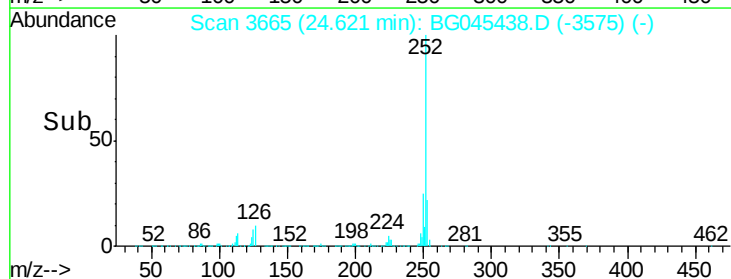
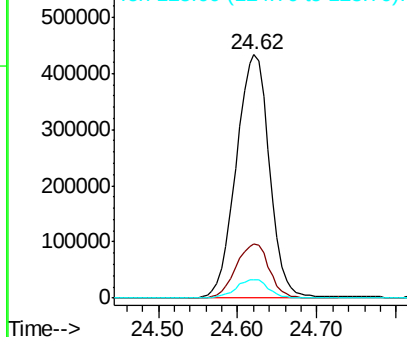
252 100

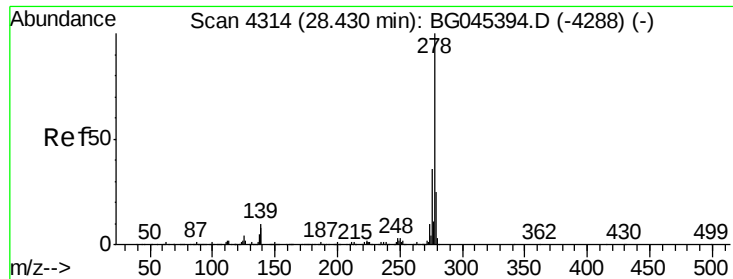
253 22.1 17.2 25.8

125 7.8 5.0 7.6#



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





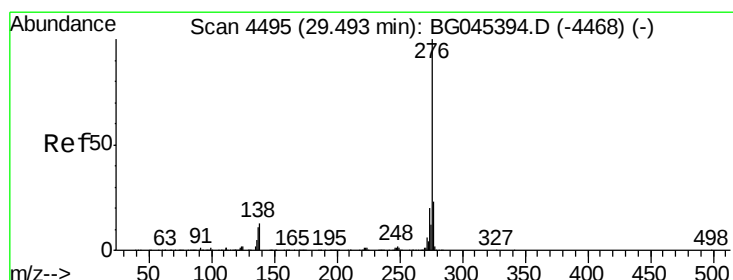
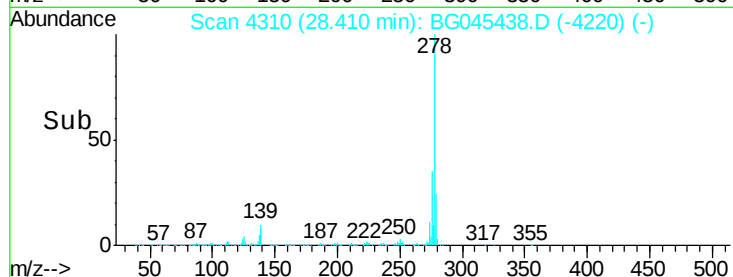
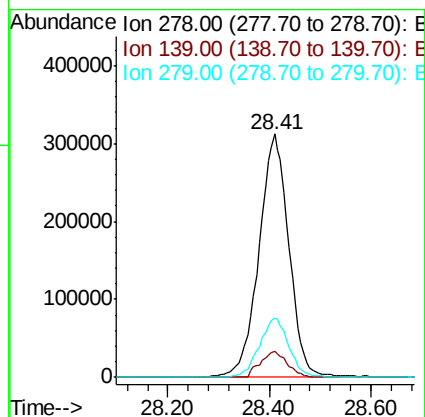
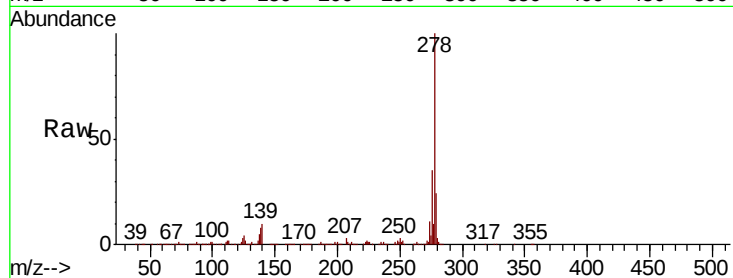
#91
Dibenzo(a,h)anthracene
Concen: 40.138 ng
RT: 28.41 min Scan# 4310
Delta R.T. 0.00 min
Lab File: BG045438.D
Acq: 21 May 2020 12:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

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

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#92
Benzo(g,h,i)perylene
Concen: 39.136 ng
RT: 29.47 min Scan# 4491
Delta R.T. 0.01 min
Lab File: BG045438.D
Acq: 21 May 2020 12:44

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

