

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051120\
 Data File : BG045310.D
 Acq On : 12 May 2020 1:24
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 5/13/2020 8:15:19 AM

Quant Time: May 12 02:15:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 11 13:27:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	77927	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	300163	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	212523	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	511011	20.00	ng	0.00
76) Chrysene-d12	21.63	240	494089	20.00	ng	0.00
87) Perylene-d12	24.80	264	551308	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	380478	80.61	ng	0.00
7) Phenol-d6	7.14	99	555430	79.20	ng	0.00
23) Nitrobenzene-d5	9.13	82	530751	80.68	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	255222	77.74	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	1147413	79.17	ng	0.00
79) Terphenyl-d14	19.98	244	1864992	82.27	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.43	88	90706	43.24	ng	97
3) Pyridine	3.83	79	252589	39.11	ng	99
4) n-Nitrosodimethylamine	3.74	42	83860	42.38	ng	91
6) Aniline	7.30	93	345623	37.90	ng	99
8) 2-Chlorophenol	7.54	128	200676	39.56	ng	98
9) Benzaldehyde	7.11	77	153729	38.46	ng	98
10) Phenol	7.17	94	269965	38.47	ng	98
11) bis(2-Chloroethyl)ether	7.39	93	206349	36.93	ng	97
12) 1,3-Dichlorobenzene	7.87	146	232603	38.91	ng	96
13) 1,4-Dichlorobenzene	8.01	146	240534	40.38	ng	98
14) 1,2-Dichlorobenzene	8.34	146	226531	39.75	ng	97
15) Benzyl Alcohol	8.21	79	214520	36.48	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.51	45	190421	34.72	ng	95
17) 2-Methylphenol	8.42	107	206029	38.05	ng	95
18) Hexachloroethane	9.06	117	90353	40.35	ng	91
19) n-Nitroso-di-n-propylamine	8.78	70	177968	35.88	ng	98
20) 3+4-Methylphenols	8.75	107	274388	36.20	ng	98
22) Acetophenone	8.80	105	314353	38.73	ng	99
24) Nitrobenzene	9.18	77	273467	40.56	ng	97
25) Isophorone	9.70	82	503003	37.34	ng	99
26) 2-Nitrophenol	9.89	139	117507	40.46	ng	96
27) 2,4-Dimethylphenol	9.96	122	176558	38.31	ng	95
28) bis(2-Chloroethoxy)methane	10.19	93	264819	37.41	ng	98
29) 2,4-Dichlorophenol	10.43	162	210328	39.52	ng	98
30) 1,2,4-Trichlorobenzene	10.65	180	243687	40.44	ng	97
31) Naphthalene	10.83	128	642985	39.16	ng	99
32) Benzoic acid	10.11	122	112569	32.59	ng	94
33) 4-Chloroaniline	10.94	127	282868	36.94	ng	99
34) Hexachlorobutadiene	11.13	225	171474	41.51	ng	96
35) Caprolactam	11.71	113	72839	34.39	ng	87
36) 4-Chloro-3-methylphenol	12.07	107	233599	37.37	ng	98
37) 2-Methylnaphthalene	12.44	142	476653	37.40	ng	95
38) 1-Methylnaphthalene	12.66	142	449670	37.37	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.81	216	271833	39.73	ng	99

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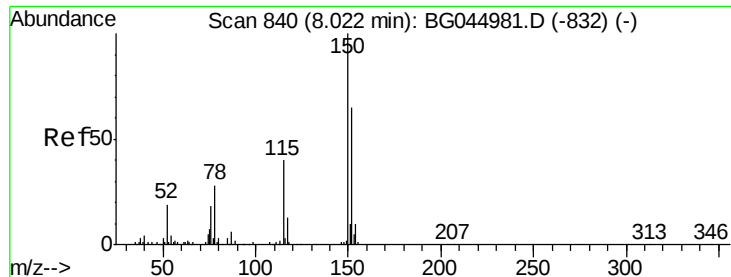
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	158150	36.98	ng	96
43) 2,4,6-Trichlorophenol	13.05	196	183597	38.02	ng	94
44) 2,4,5-Trichlorophenol	13.13	196	216244	39.34	ng	97
46) 1,1'-Biphenyl	13.45	154	617626	38.24	ng	99
47) 2-Chloronaphthalene	13.49	162	479787	38.87	ng	98
48) 2-Nitroaniline	13.69	65	158780	39.10	ng	100
49) Acenaphthylene	14.34	152	785312	39.06	ng	99
50) Dimethylphthalate	14.07	163	662029	38.26	ng	99
51) 2,6-Dinitrotoluene	14.19	165	152935	39.51	ng	99
52) Acenaphthene	14.69	154	525351m	38.62	ng	
53) 3-Nitroaniline	14.52	138	158313	37.29	ng	98
54) 2,4-Dinitrophenol	14.73	184	90962	39.52	ng	95
55) Dibenzofuran	15.02	168	765551	38.60	ng	98
56) 4-Nitrophenol	14.83	139	119852	36.41	ng	96
57) 2,4-Dinitrotoluene	14.98	165	219411	38.79	ng	97
58) Fluorene	15.67	166	635172	39.21	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.25	232	190893	39.03	ng	98
60) Diethylphthalate	15.44	149	677602	37.56	ng	99
61) 4-Chlorophenyl-phenylether	15.66	204	357969	38.39	ng	98
62) 4-Nitroaniline	15.68	138	163594	37.16	ng	95
63) Azobenzene	15.95	77	631386	37.96	ng	98
65) 4,6-Dinitro-2-methylphenol	15.75	198	139865	41.64	ng	99
66) n-Nitrosodiphenylamine	15.87	169	559304	38.09	ng	99
67) 4-Bromophenyl-phenylether	16.55	248	253267	38.42	ng	98
68) Hexachlorobenzene	16.68	284	265191	38.79	ng	96
69) Atrazine	16.82	200	187314	33.79	ng	97
70) Pentachlorophenol	17.02	266	148363	35.37	ng	98
71) Phenanthrene	17.41	178	1021672	38.91	ng	100
72) Anthracene	17.50	178	1019704	38.71	ng	99
73) Carbazole	17.77	167	999399	37.39	ng	98
74) Di-n-butylphthalate	18.33	149	1163631	39.21	ng	99
75) Fluoranthene	19.42	202	1290319	41.30	ng	99
77) Benzidine	19.60	184	564014	38.56	ng	98
78) Pyrene	19.78	202	1290850	37.90	ng	98
80) Butylbenzylphthalate	20.67	149	556292	39.40	ng	99
81) Benzo(a)anthracene	21.61	228	1265478	39.52	ng	99
82) 3,3'-Dichlorobenzidine	21.53	252	509461	39.97	ng	97
83) Chrysene	21.68	228	1220525	39.67	ng	99
84) Bis(2-ethylhexyl)phthalate	21.53	149	765208	39.41	ng	98
85) Di-n-octyl phthalate	22.72	149	1337115	39.82	ng	99
86) Indeno(1,2,3-cd)pyrene	28.40	276	1625709	39.80	ng	99
88) Benzo(b)fluoranthene	23.80	252	1345781	38.97	ng	100
89) Benzo(k)fluoranthene	23.87	252	1326776	40.40	ng	98
90) Benzo(a)pyrene	24.65	252	1294499	39.70	ng	98
91) Dibenzo(a,h)anthracene	28.46	278	1308507	39.83	ng	97
92) Benzo(g,h,i)perylene	29.52	276	1291721	39.22	ng	98

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



#1

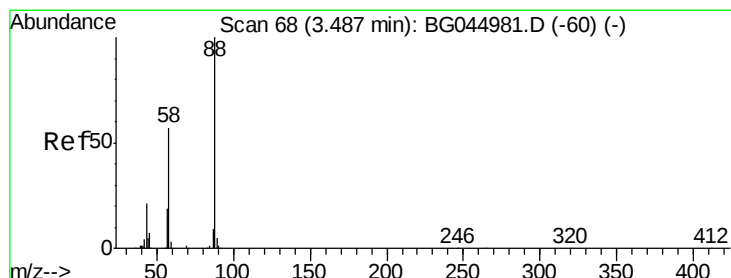
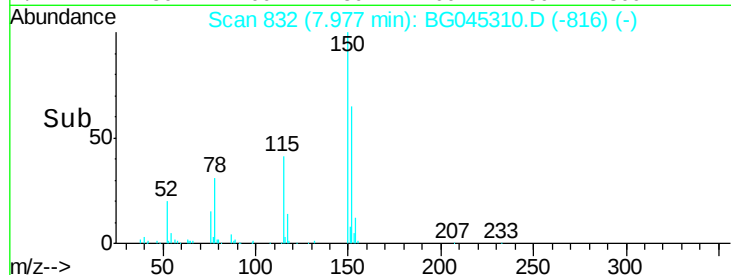
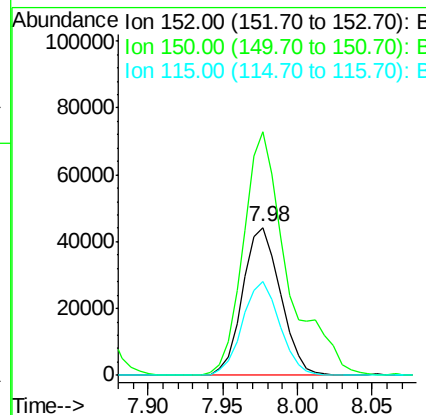
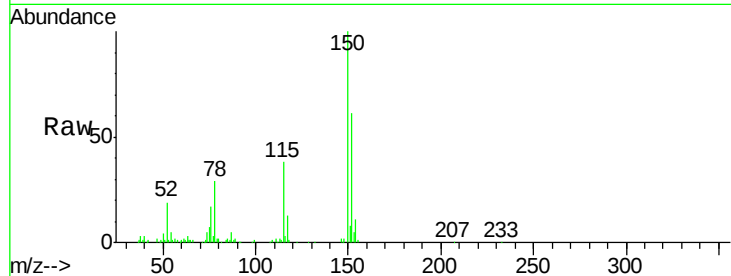
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.98 min Scan# 832
Delta R.T. -0.00 min
Lab File: BG045310.D
Acq: 12 May 2020 1:24

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
152	100		
150	164.3	123.6	185.4
115	63.1	49.1	73.7

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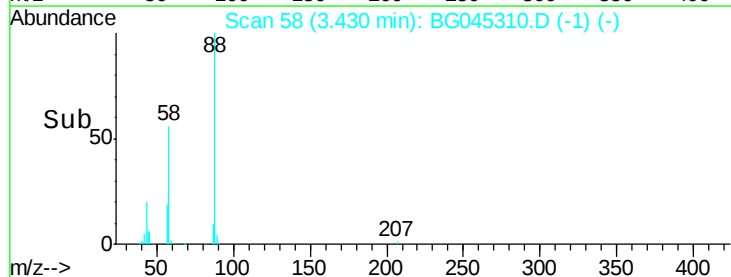
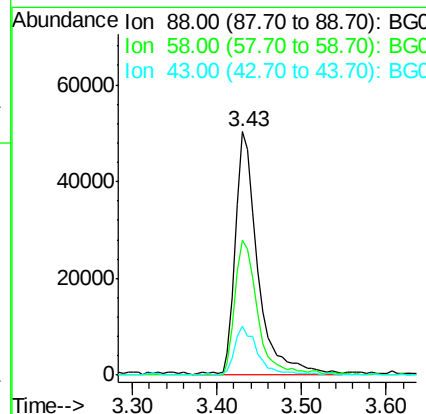
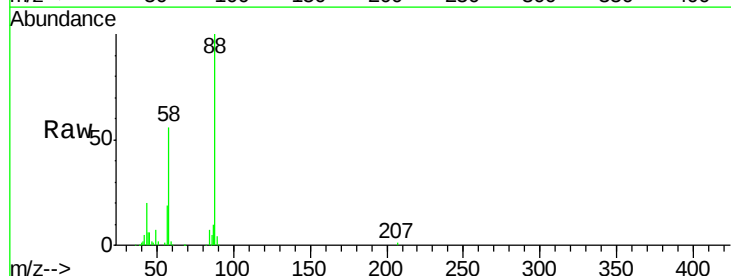
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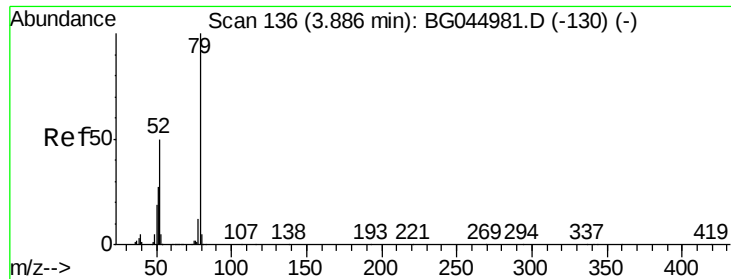


#2

1,4-Dioxane
Concen: 43.24 ng
RT: 3.43 min Scan# 58
Delta R.T. -0.00 min
Lab File: BG045310.D
Acq: 12 May 2020 1:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	55.7	46.6	69.8
43	21.0	17.5	26.3





#3

Pyridine

Concen: 39.11 ng

RT: 3.83 min Scan# 126

Delta R.T. -0.00 min

Lab File: BG045310.D

Acq: 12 May 2020 1:24

Instrument :

BNA_G

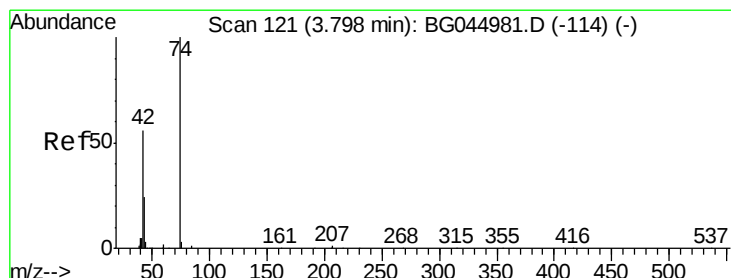
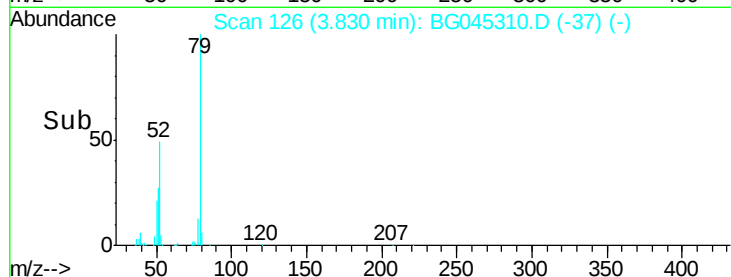
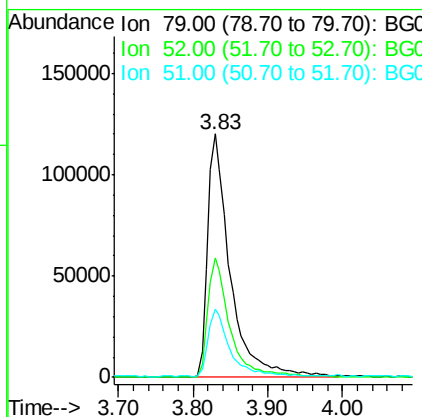
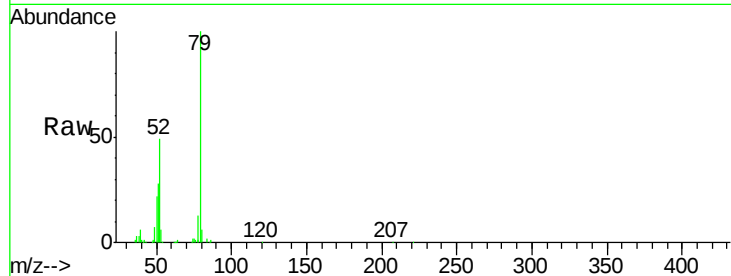
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
79	100		
52	49.3	39.8	59.6
51	27.9	21.4	32.2

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#4

n-Nitrosodimethylamine

Concen: 42.38 ng

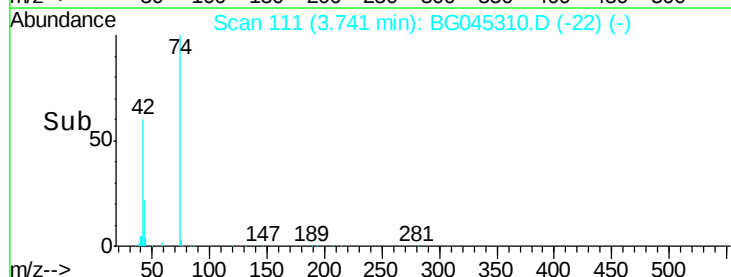
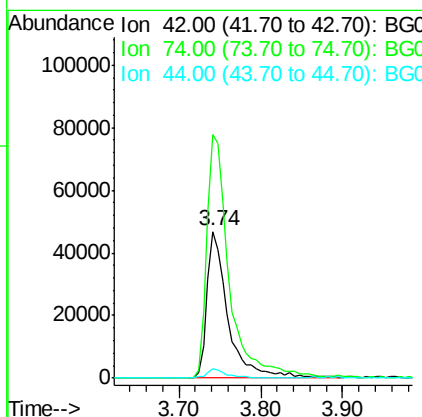
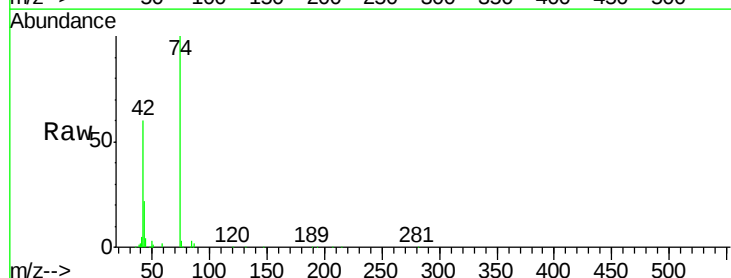
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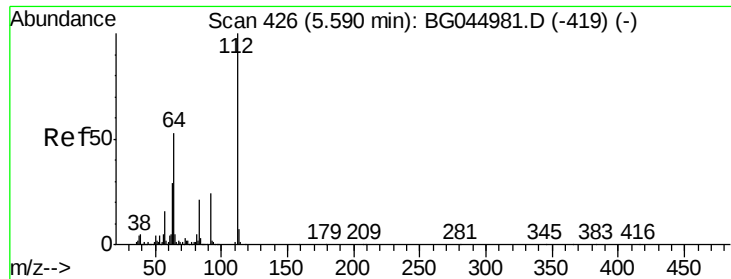
Delta R.T. -0.00 min

Lab File: BG045310.D

Acq: 12 May 2020 1:24

Tgt Ion	Ratio	Lower	Upper
42	100		
74	166.0	143.0	214.6
44	6.4	4.6	6.8





#5

2-Fluorophenol

Concen: 80.61 ng

RT: 5.54 min Scan# 418

Delta R.T. -0.00 min

Lab File: BG045310.D

Acq: 12 May 2020 1:24

Instrument :

BNA_G

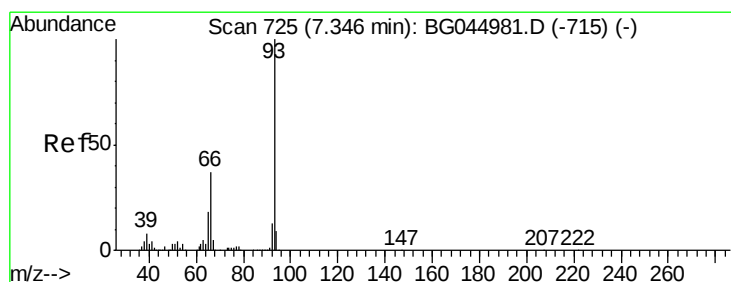
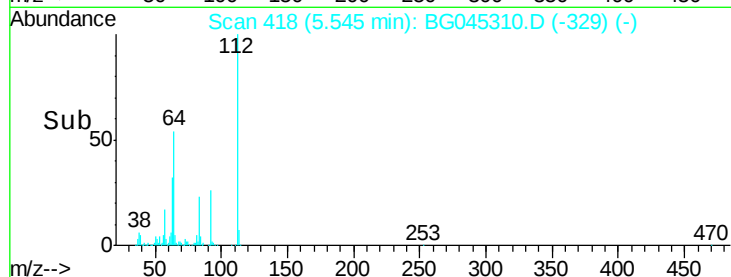
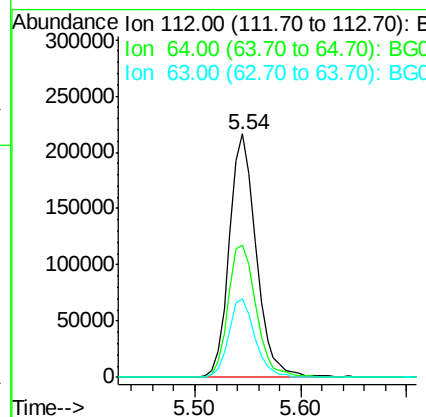
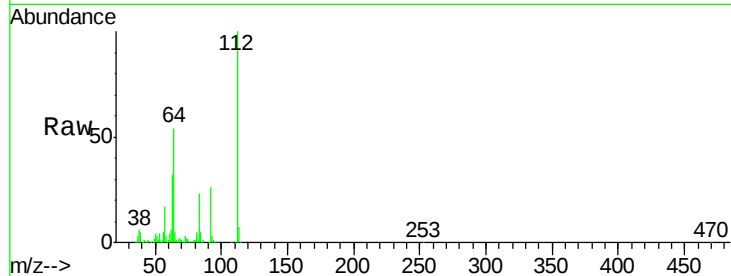
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	380478		
64	54.5	42.4	63.6	
63	32.3	23.1	34.7	

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#6

Aniline

Concen: 37.90 ng

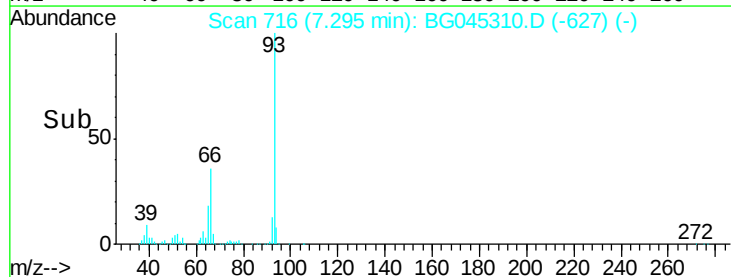
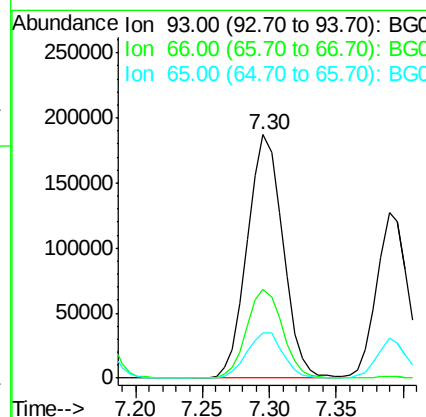
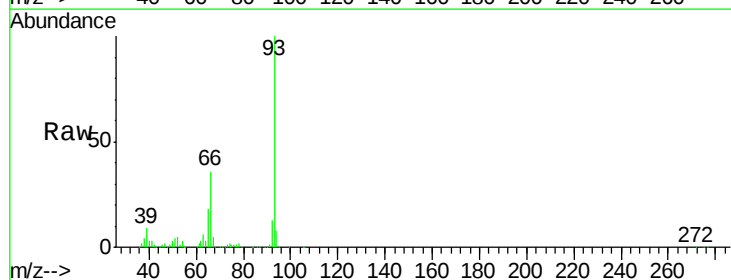
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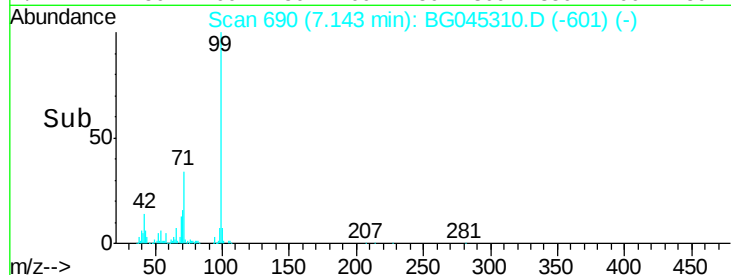
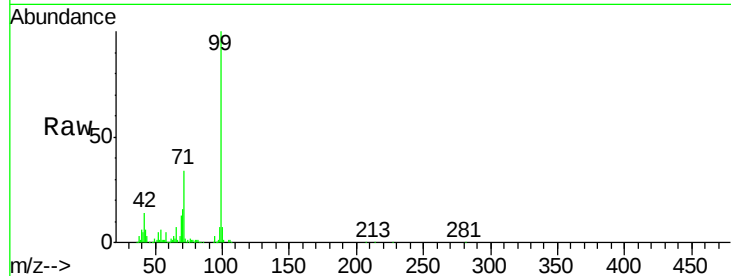
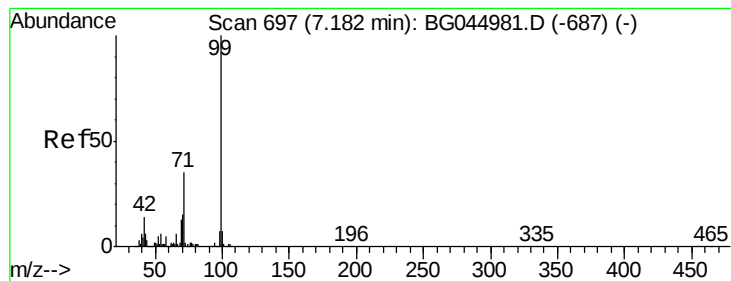
Delta R.T. -0.00 min

Lab File: BG045310.D

Acq: 12 May 2020 1:24

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	345623		
66	36.2	29.8	44.8	
65	18.3	14.6	22.0	





#7

Phenol-d6

Concen: 79.20 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG045310.D

Acq: 12 May 2020 1:24

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	555430		
42	13.9	11.3	16.9	
71	34.4	28.3	42.5	

Instrument :

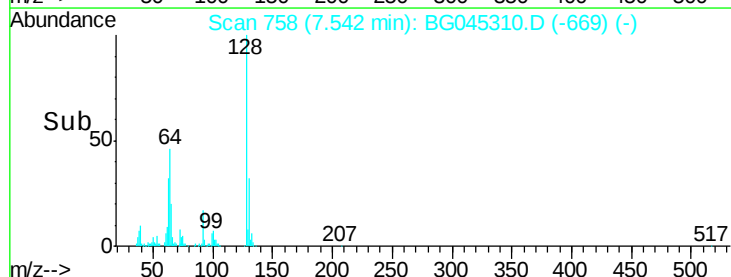
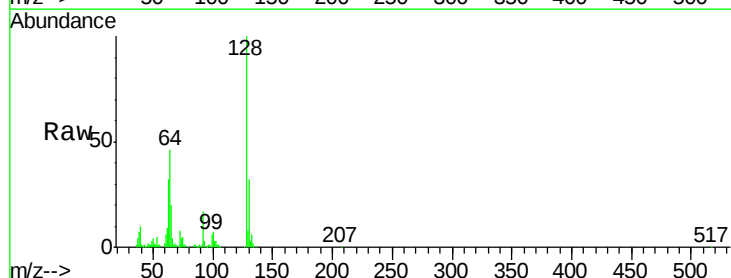
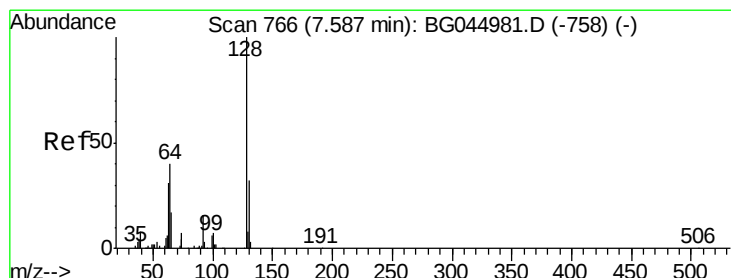
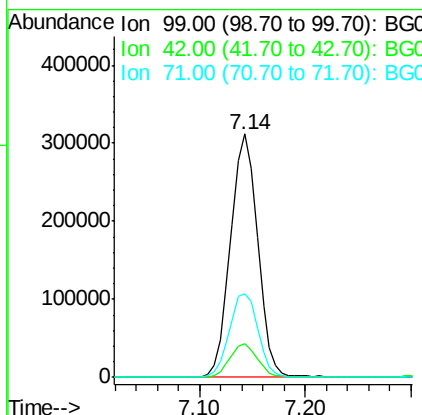
BNA_G

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#8

2-Chlorophenol

Concen: 39.56 ng

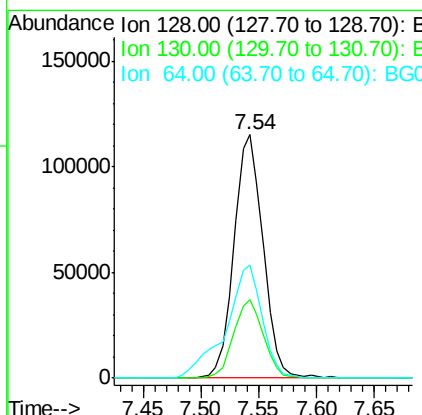
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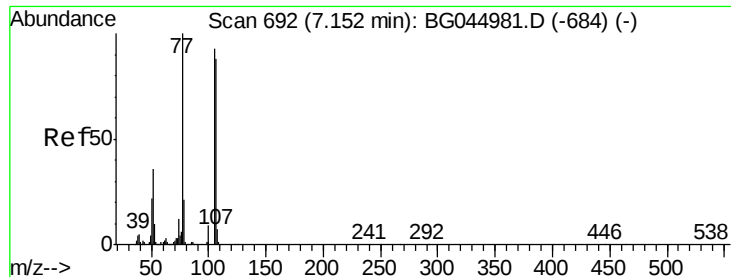
Delta R.T. -0.00 min

Lab File: BG045310.D

Acq: 12 May 2020 1:24

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	200676		
130	32.4	12.3	52.3	
64	46.3	24.4	64.4	





#9

Benzaldehyde

Concen: 38.46 ng

RT: 7.11 min Scan# 684

Delta R.T. -0.00 min

Lab File: BG045310.D

Acq: 12 May 2020 1:24

Instrument :

BNA_G

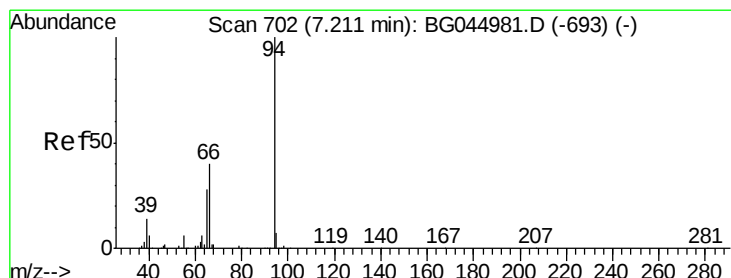
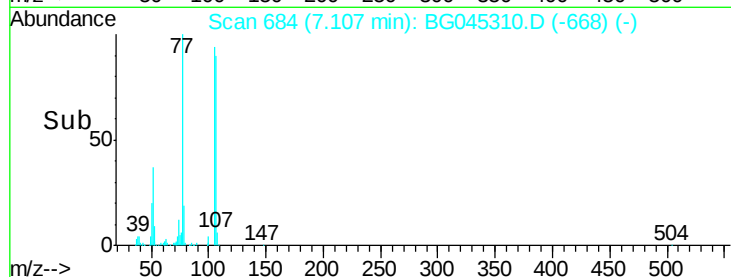
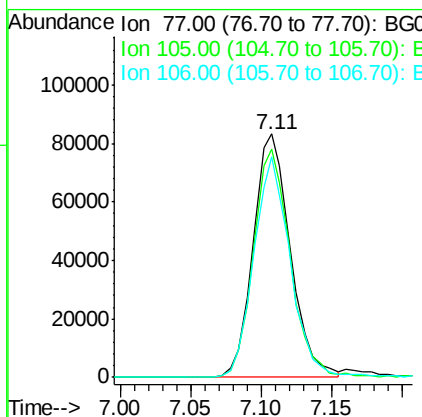
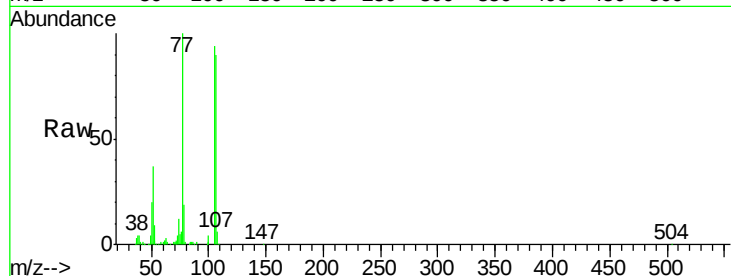
ClientSampleId :

SSTDCCC040

Tgt Ion:	77	Resp:	153729
Ion Ratio	Lower	Upper	
77	100		
105	93.9	72.9	112.9
106	90.4	67.6	107.6

Manual Integrations
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#10

Phenol

Concen: 38.47 ng

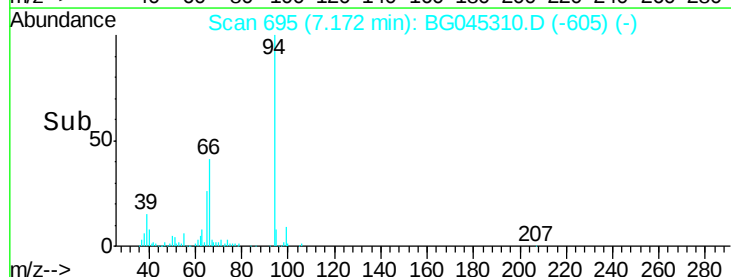
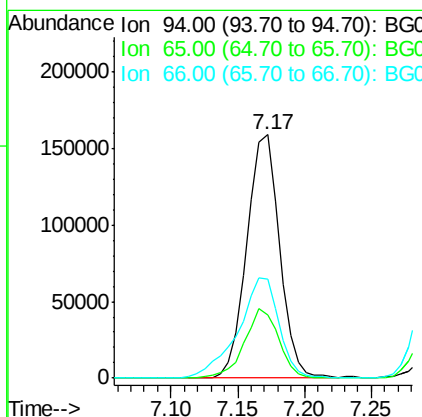
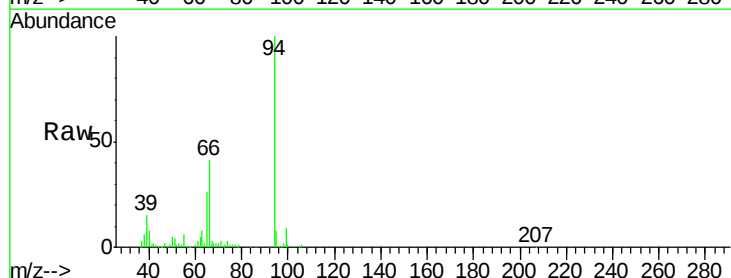
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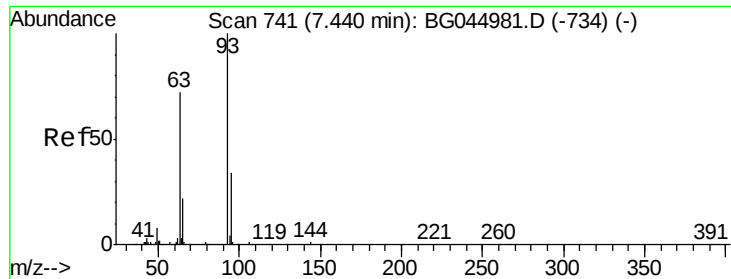
Delta R.T. 0.00 min

Lab File: BG045310.D

Acq: 12 May 2020 1:24

Tgt Ion:	94	Resp:	269965
Ion Ratio	Lower	Upper	
94	100		
65	26.2	8.2	48.2
66	40.7	20.4	60.4





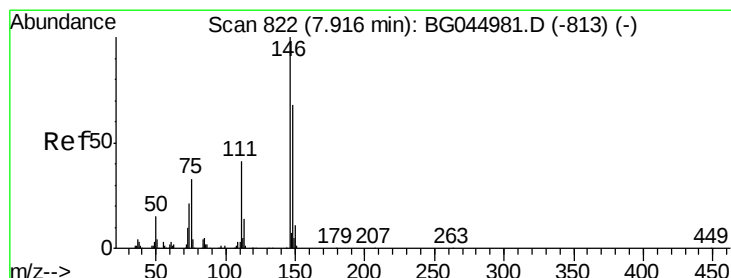
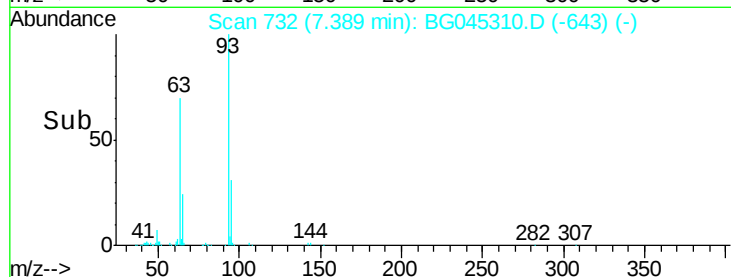
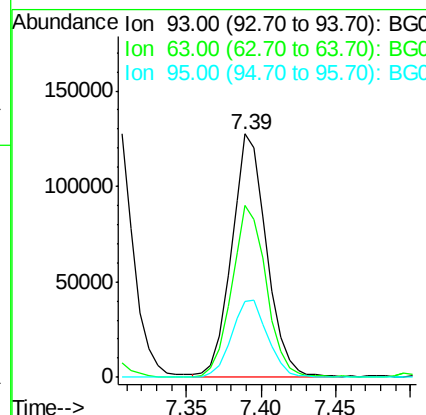
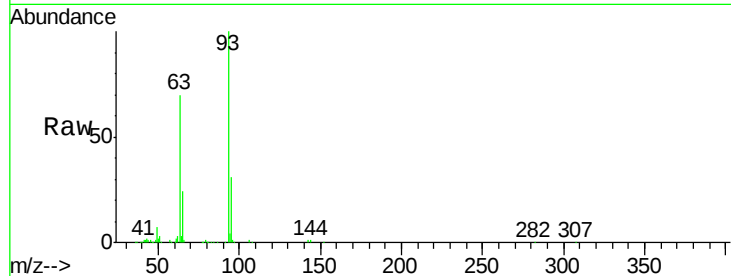
#11
bis(2-Chloroethyl)ether
Concen: 36.93 ng
RT: 7.39 min Scan# 732
Delta R.T. -0.00 min
Lab File: BG045310.D
Acq: 12 May 2020 1:24

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
93	100		
63	70.4	51.8	91.8
95	31.0	13.8	53.8

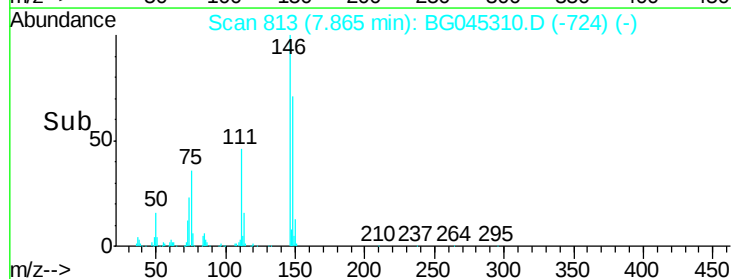
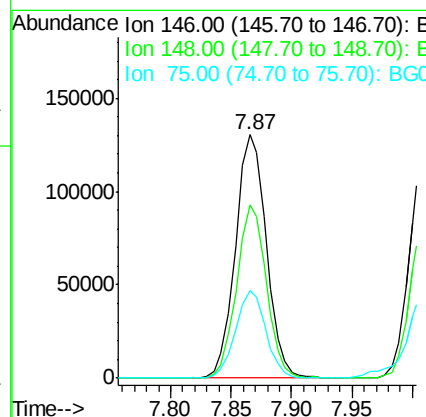
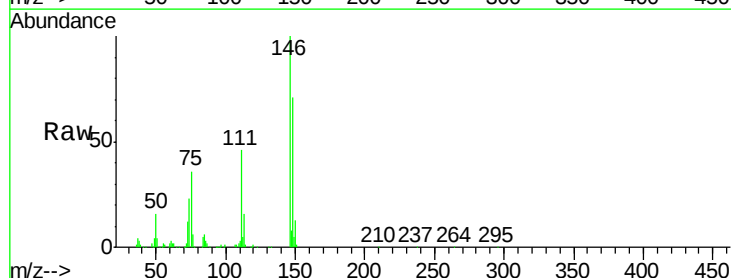
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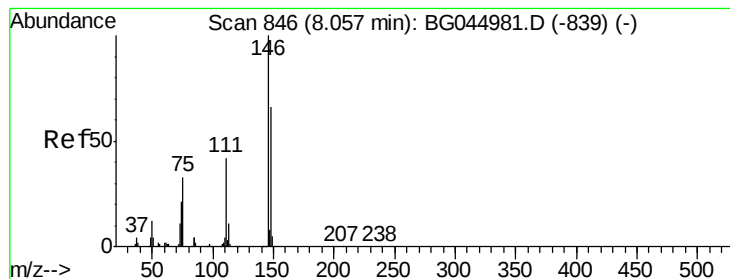
mohammad
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#12
1,3-Dichlorobenzene
Concen: 38.91 ng
RT: 7.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BG045310.D
Acq: 12 May 2020 1:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	71.0	54.6	81.8
75	36.1	26.0	39.0





#13

1,4-Dichlorobenzene

Concen: 40.38 ng

RT: 8.01 min Scan# 838

Delta R.T. -0.00 min

Lab File: BG045310.D

Acq: 12 May 2020 1:24

Instrument :

BNA_G

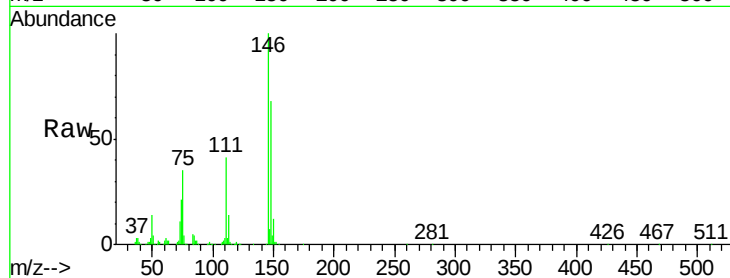
ClientSampleId :

SSTDCCC040

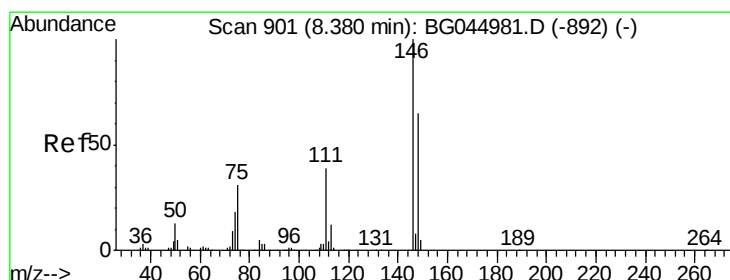
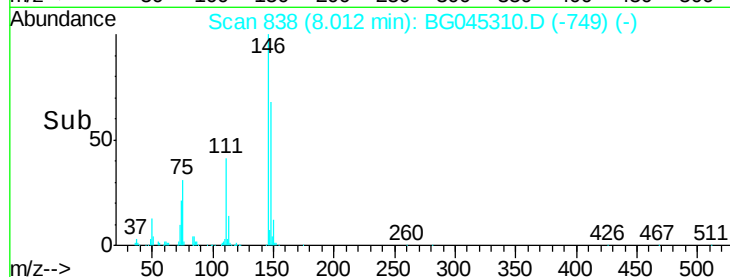
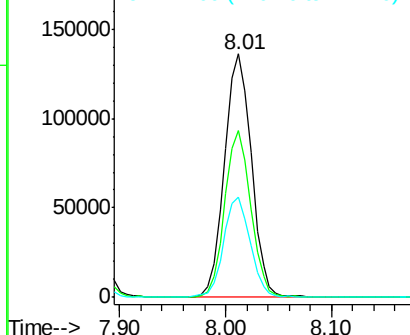
Tgt Ion:	146	Resp:	240534
Ion Ratio	Lower	Upper	
146	100		
148	68.3	53.3	79.9
111	40.9	33.8	50.8

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.75 ng

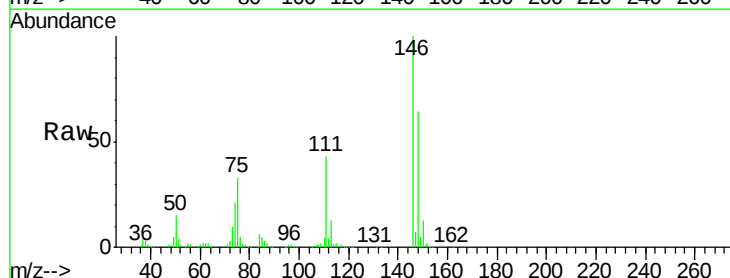
RT: 8.34 min Scan# 893

Delta R.T. 0.00 min

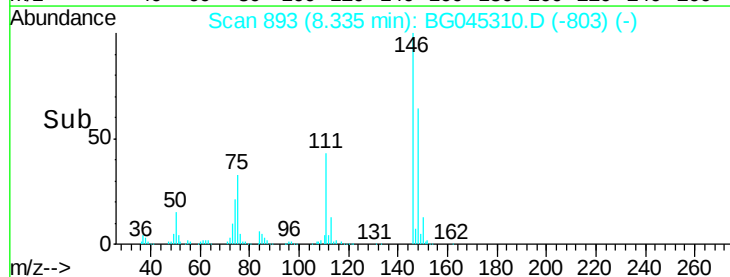
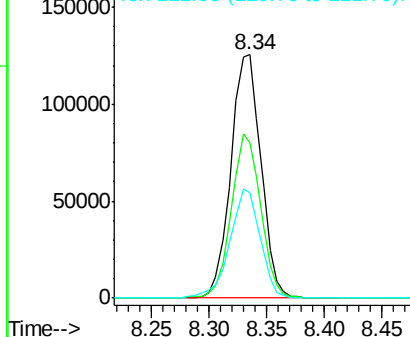
Lab File: BG045310.D

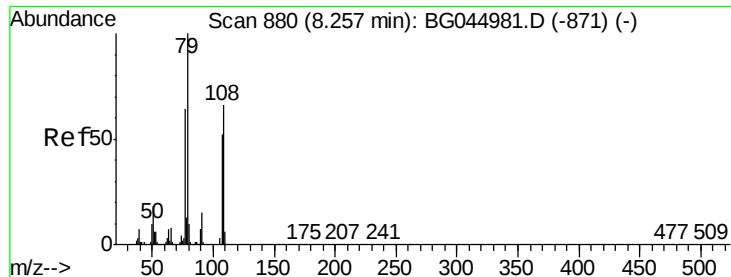
Acq: 12 May 2020 1:24

Tgt Ion:	146	Resp:	226531
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.9	77.9
111	43.1	31.3	46.9



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





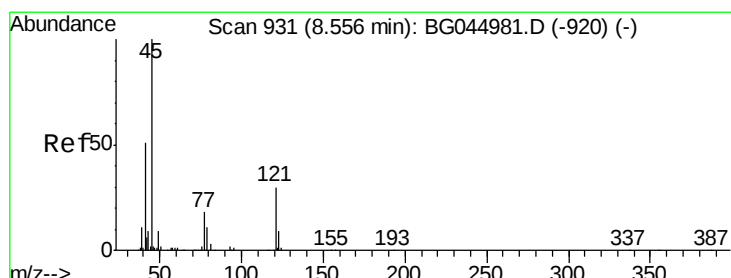
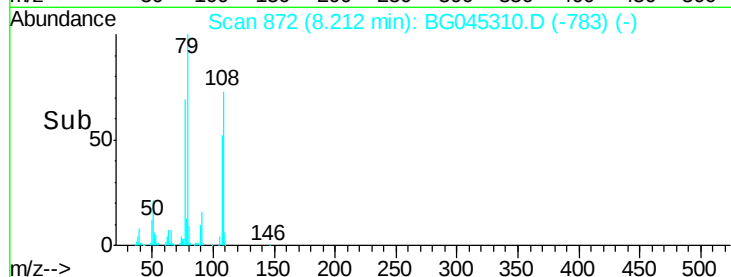
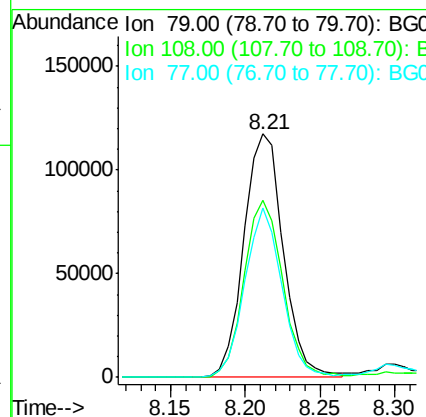
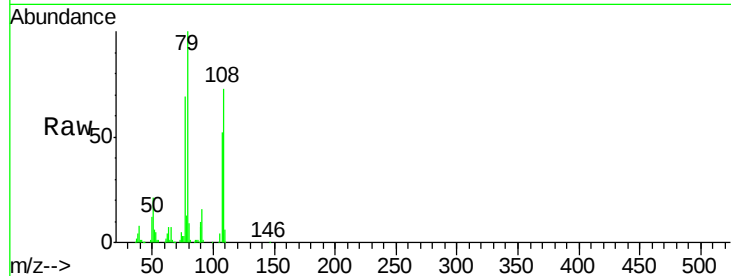
#15
Benzyl Alcohol
Concen: 36.48 ng
RT: 8.21 min Scan# 872
Delta R.T. -0.00 min
Lab File: BG045310.D
Acq: 12 May 2020 1:24

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
79	100		
108	73.0	52.7	79.1
77	69.4	51.3	76.9

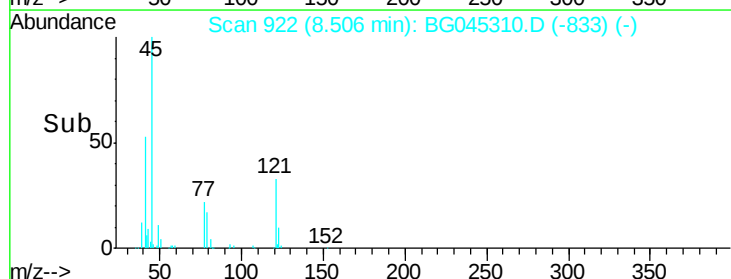
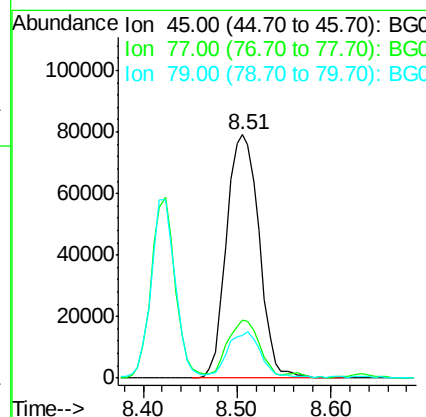
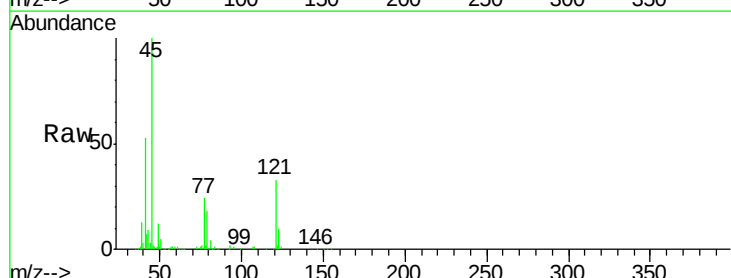
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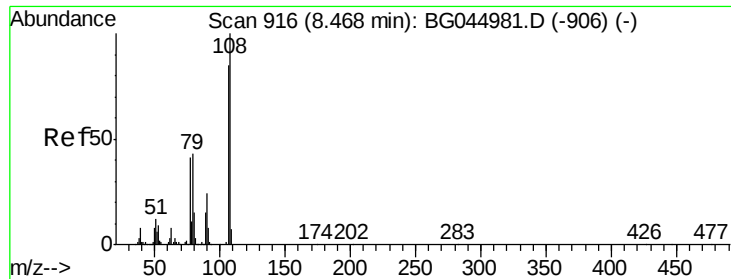
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.72 ng
RT: 8.51 min Scan# 922
Delta R.T. -0.00 min
Lab File: BG045310.D
Acq: 12 May 2020 1:24

Tgt Ion	Ratio	Lower	Upper
45	100		
77	24.1	1.9	41.9
79	17.6	0.0	35.5





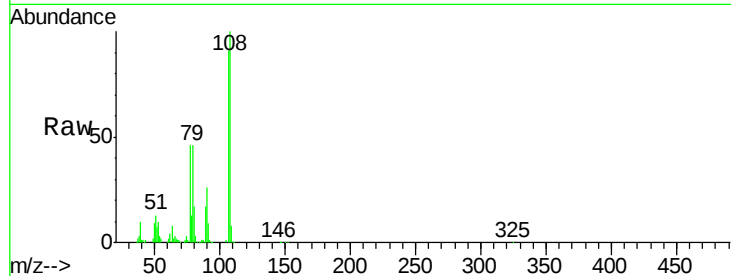
#17
2-Methylphenol
Concen: 38.05 ng
RT: 8.42 min Scan# 908
Delta R.T. -0.00 min
Lab File: BG045310.D
Acq: 12 May 2020 1:24

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt	Ion	Ratio	Resp	Lower	Upper
107	107	100	206029		
108	108	109.5	93.8	140.6	
77	77	50.6	38.5	57.7	
79	79	50.0	40.1	60.1	

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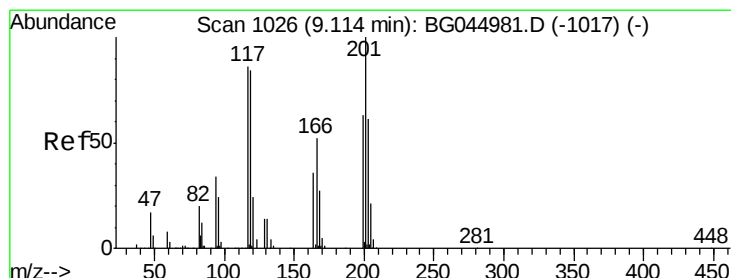
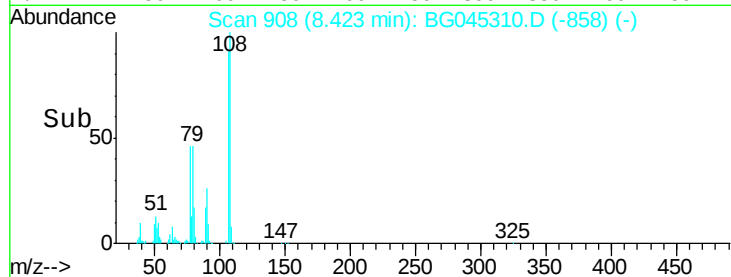
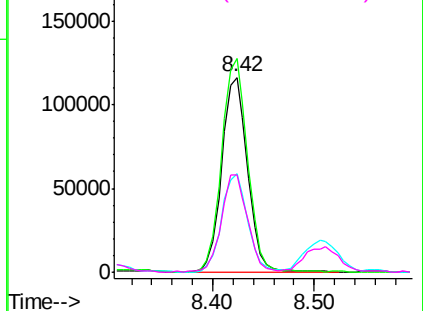
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

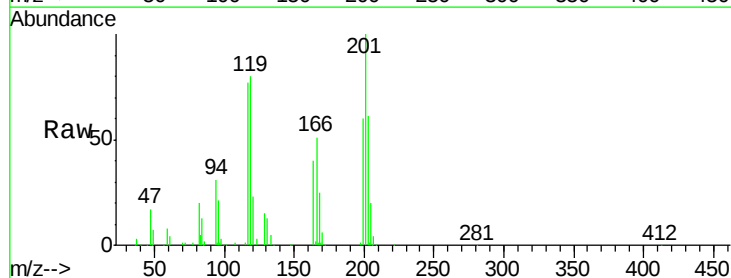
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 40.35 ng
RT: 9.06 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BG045310.D
Acq: 12 May 2020 1:24

Tgt	Ion	Ratio	Resp	Lower	Upper
117	117	100	90353		
119	119	103.2	78.3	117.5	
201	201	129.7	92.9	139.3	

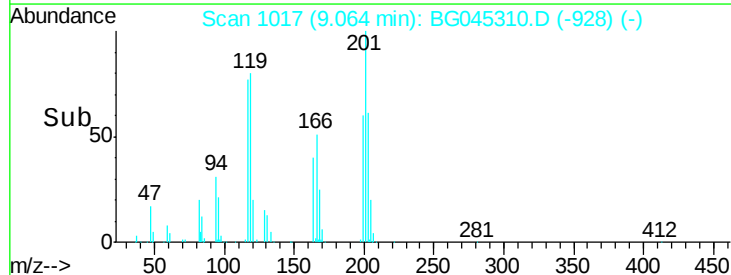
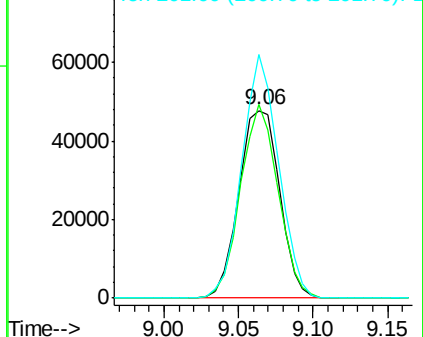


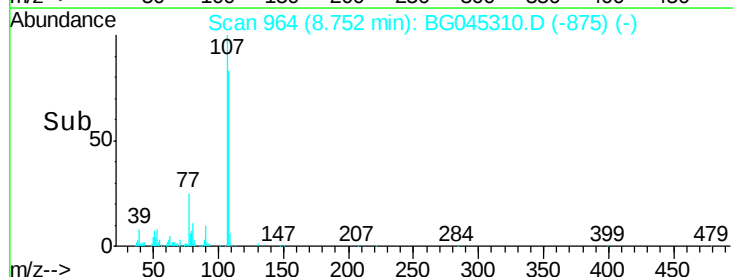
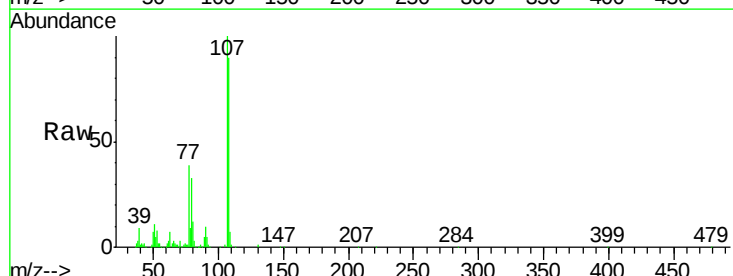
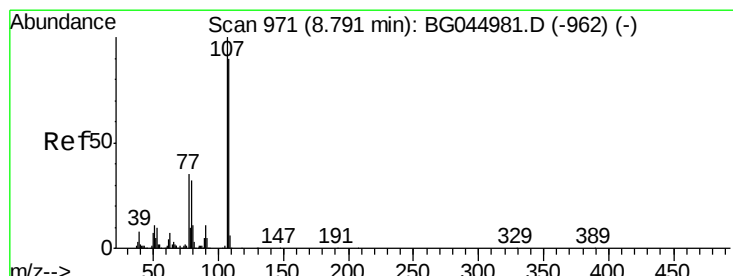
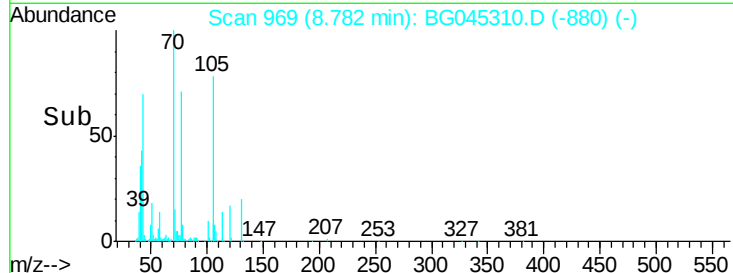
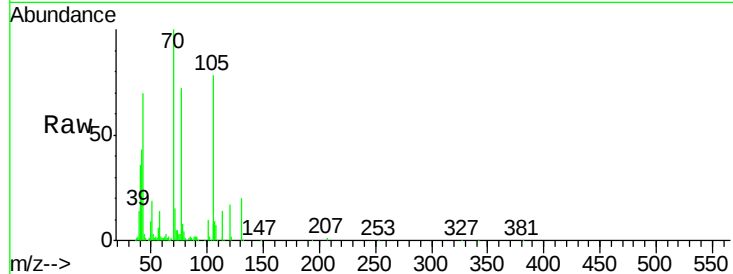
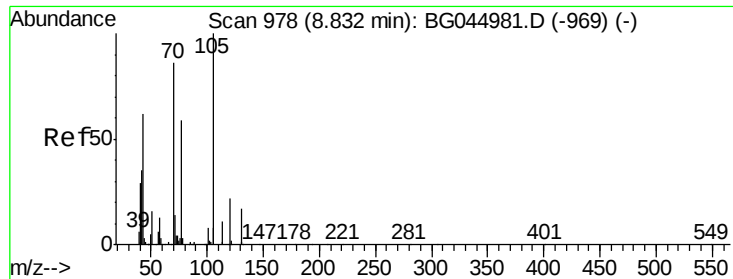
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

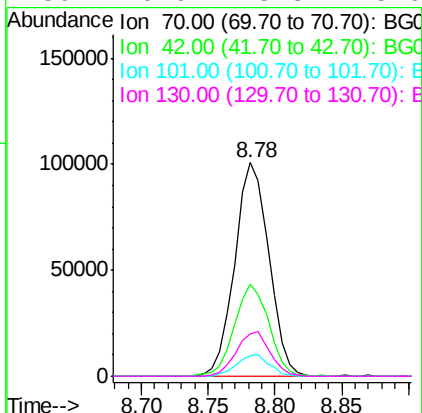
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 35.88 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.00 min
Lab File: BG045310.D
Acq: 12 May 2020 1:24

Tgt Ion	Ratio	Lower	Upper
70	100		
42	43.3	33.3	49.9
101	9.7	7.8	11.8
130	19.9	15.8	23.6



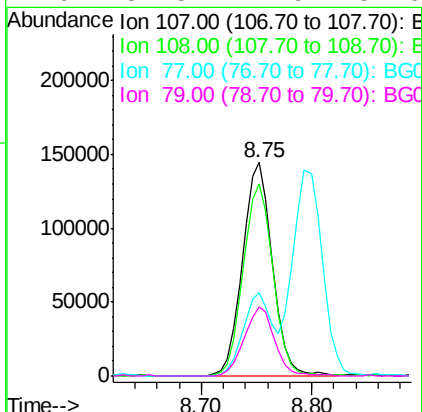
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

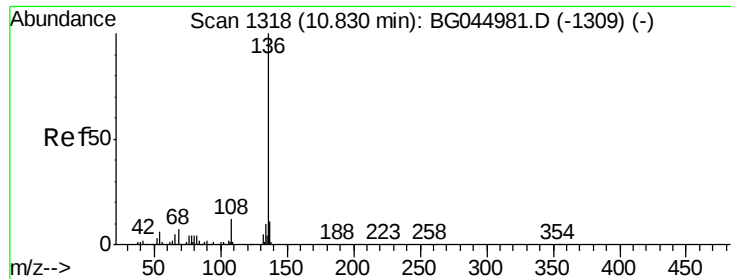
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#20
3+4-Methylphenols
Concen: 36.20 ng
RT: 8.75 min Scan# 964
Delta R.T. -0.00 min
Lab File: BG045310.D
Acq: 12 May 2020 1:24

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.6	69.9	109.9
77	38.8	15.2	55.2
79	32.5	11.6	51.6





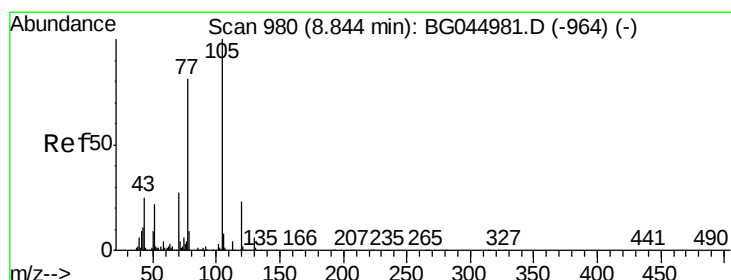
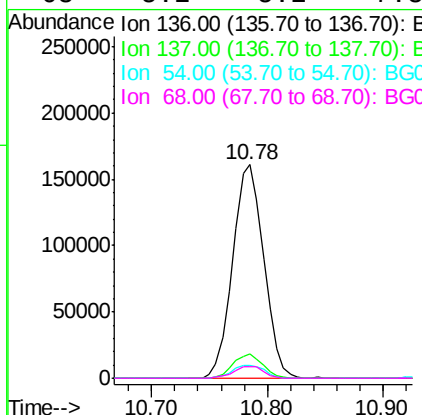
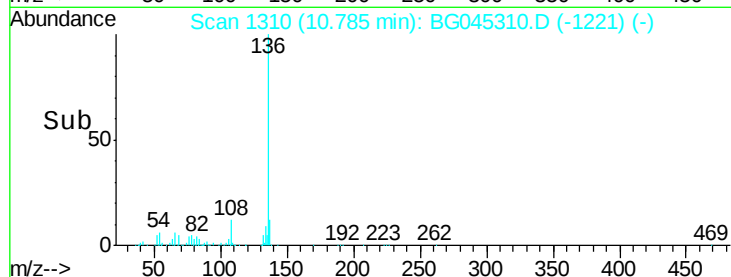
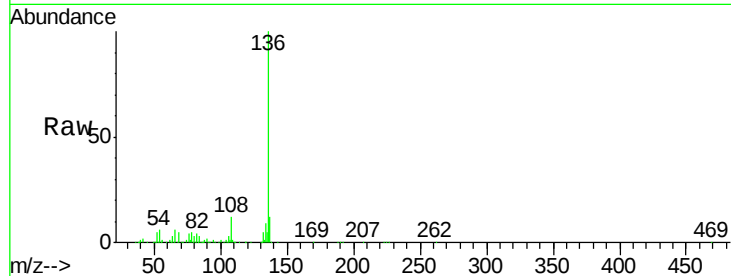
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.78 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BG045310.D
Acq: 12 May 2020 1:24

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	300163		
137	11.6	8.6	13.0	
54	6.0	4.8	7.2	
68	5.2	5.2	7.8#	

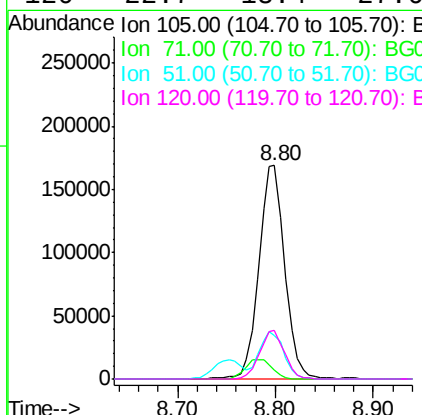
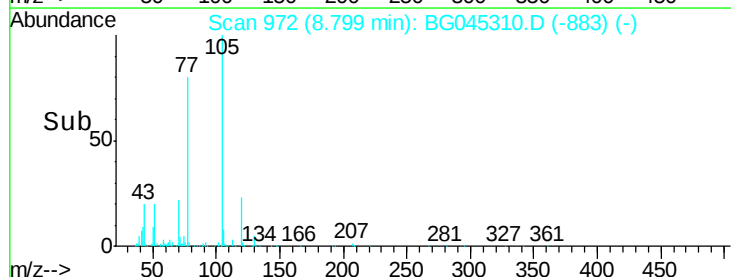
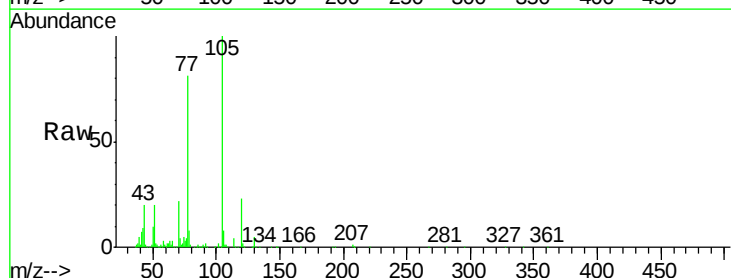
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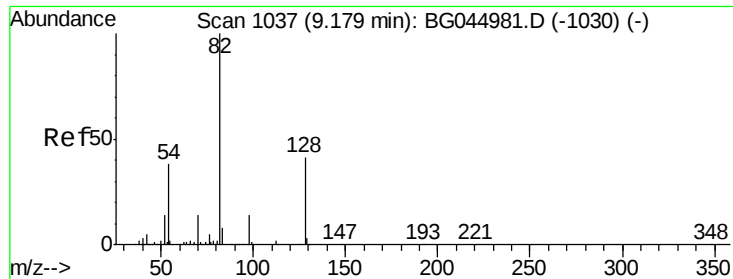
mohammad
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#22
Acetophenone
Concen: 38.73 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.00 min
Lab File: BG045310.D
Acq: 12 May 2020 1:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	314353		
71	4.0	3.3	4.9	
51	20.4	17.3	25.9	
120	22.7	18.4	27.6	





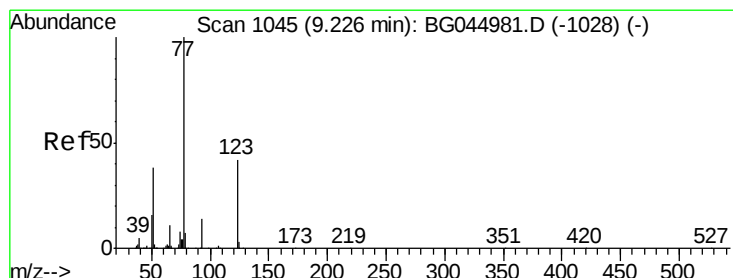
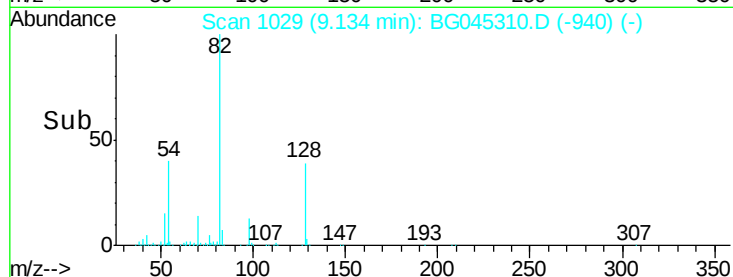
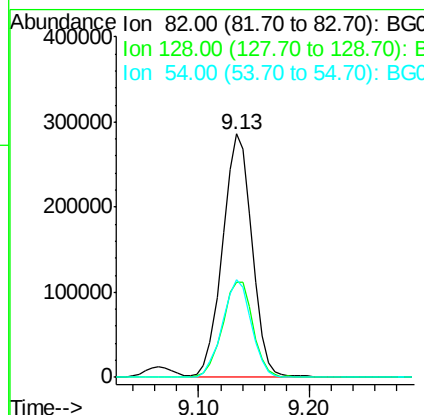
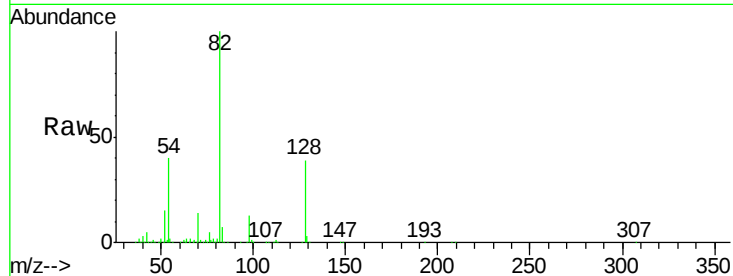
#23
Nitrobenzene-d5
Concen: 80.68 ng
RT: 9.13 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BG045310.D
Acq: 12 May 2020 1:24

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	530751		
128	39.3		33.0	49.4
54	40.0		30.4	45.6

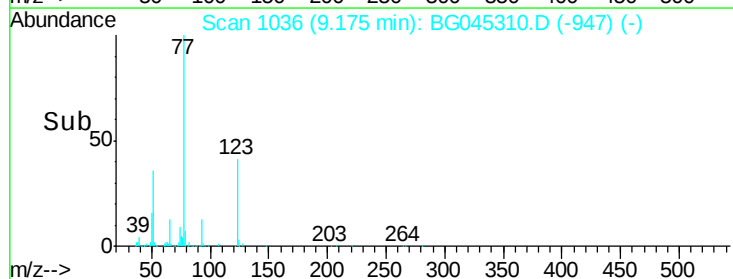
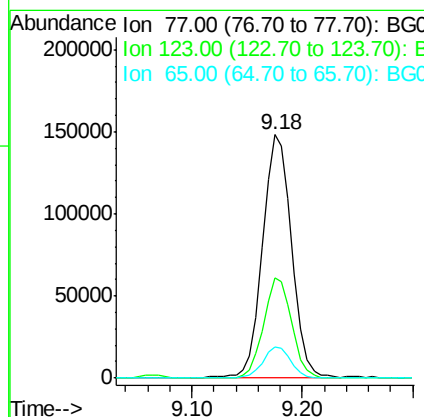
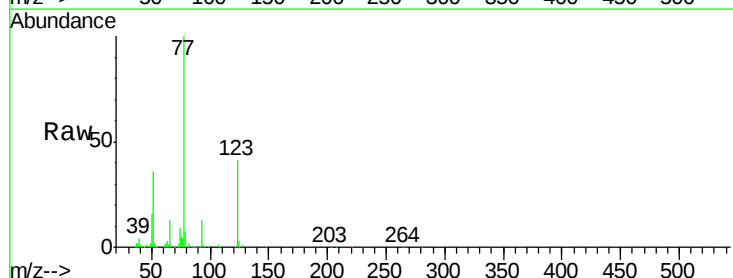
Manual Integrations
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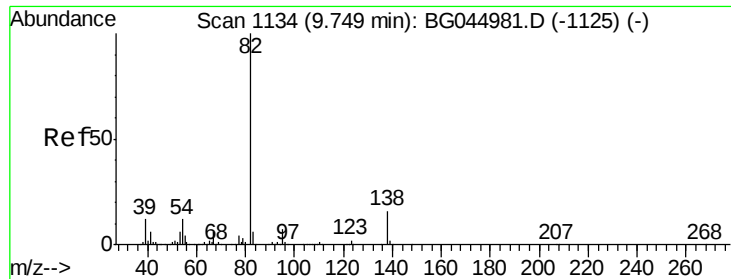
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#24
Nitrobenzene
Concen: 40.56 ng
RT: 9.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG045310.D
Acq: 12 May 2020 1:24

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	273467		
123	41.2		34.3	51.5
65	12.5		8.9	13.3





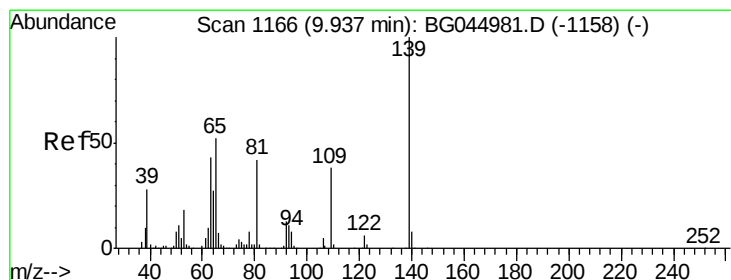
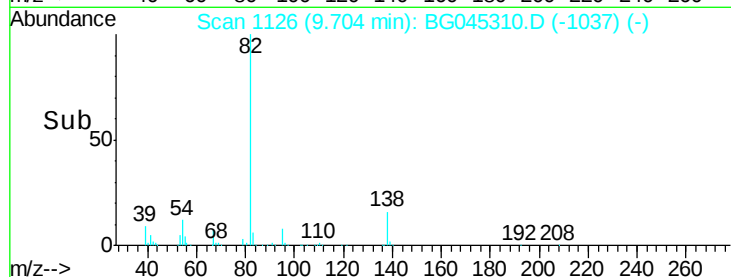
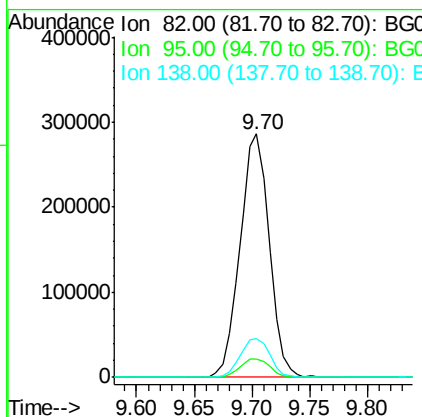
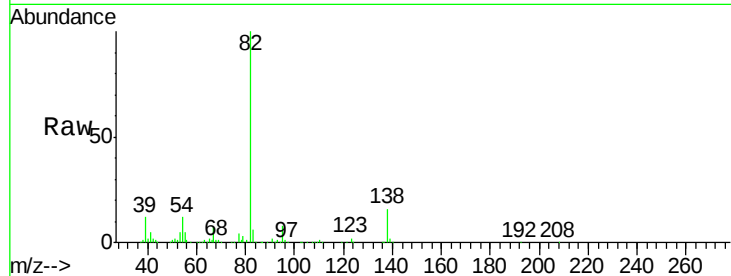
#25
Isophorone
Concen: 37.34 ng
RT: 9.70 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BG045310.D
Acq: 12 May 2020 1:24

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
95	7.8	6.0	9.0
138	16.2	12.7	19.1

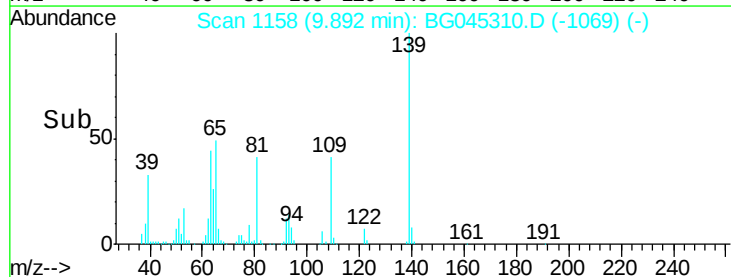
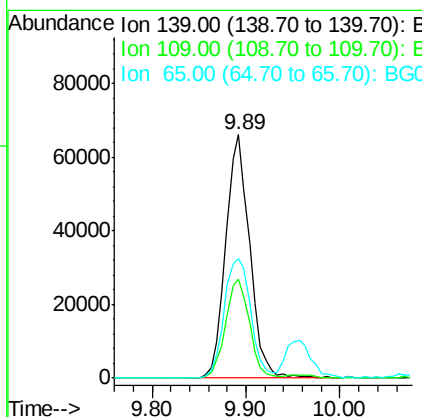
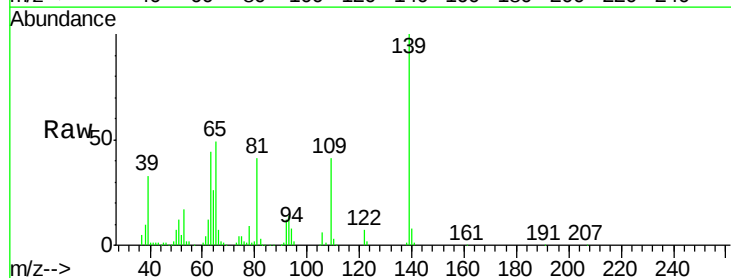
Manual Integrations
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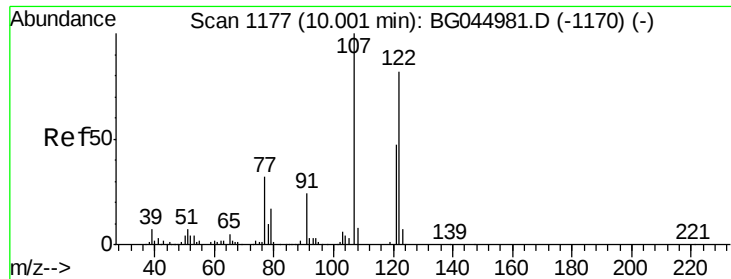
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5/13/2020 8:15:19 AM



#26
2-Nitrophenol
Concen: 40.46 ng
RT: 9.89 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BG045310.D
Acq: 12 May 2020 1:24

Tgt Ion	Ratio	Resp Lower	Upper
139	100		
109	40.7	30.6	45.8
65	49.2	41.8	62.6





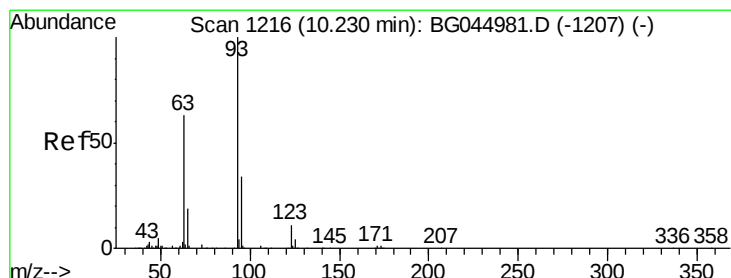
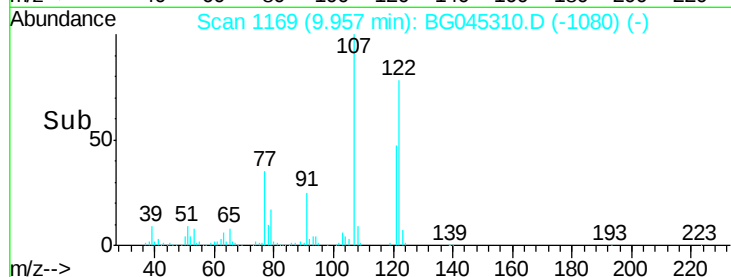
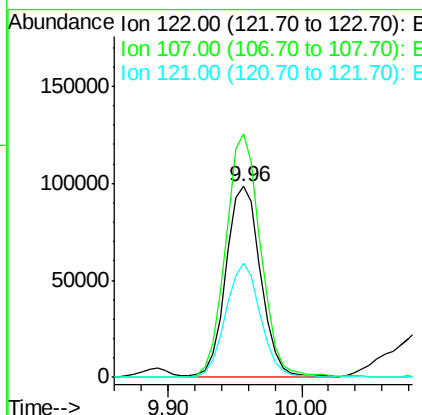
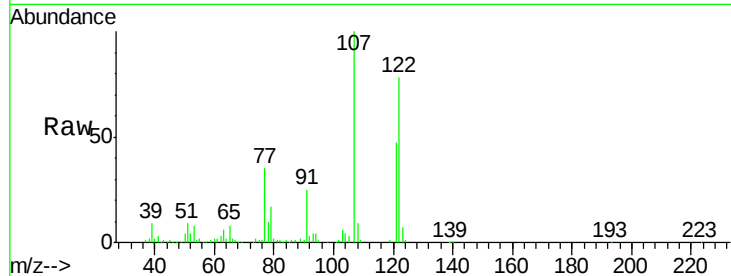
#27
 2,4-Dimethylphenol
 Concen: 38.31 ng
 RT: 9.96 min Scan# 1169
 Delta R.T. -0.00 min
 Lab File: BG045310.D
 Acq: 12 May 2020 1:24

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	176558		
107	127.5	96.8	145.2	
121	59.6	45.6	68.4	

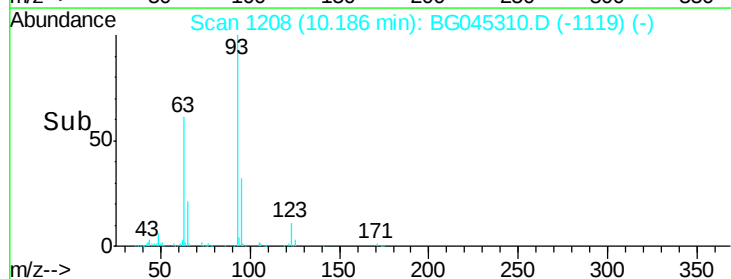
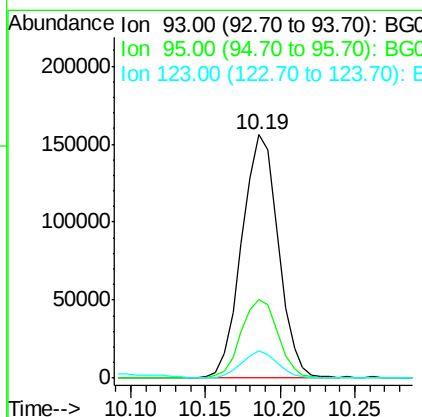
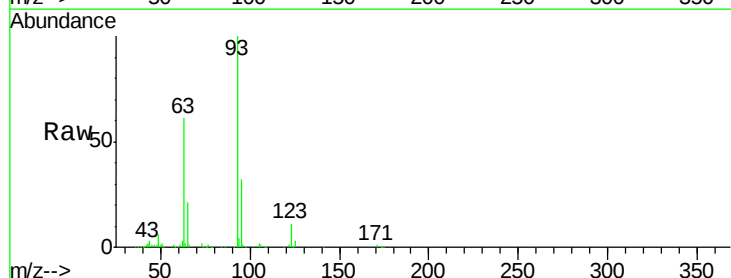
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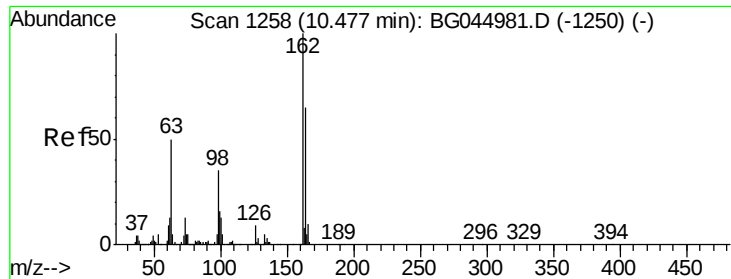
mohammad
 5/13/2020 8:15:19 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.41 ng
 RT: 10.19 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BG045310.D
 Acq: 12 May 2020 1:24

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	264819		
95	32.3	27.0	40.4	
123	11.0	8.7	13.1	





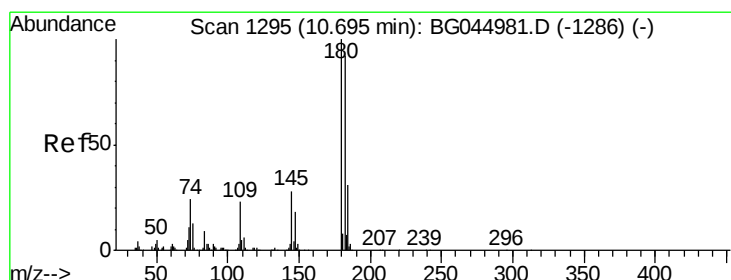
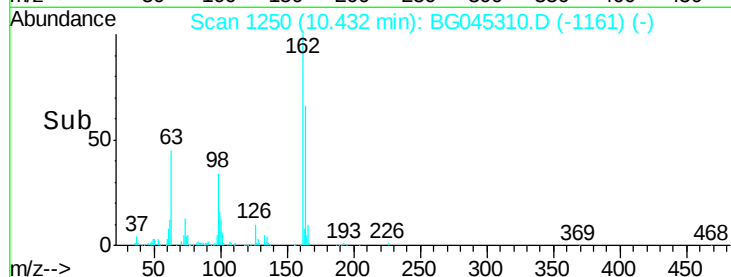
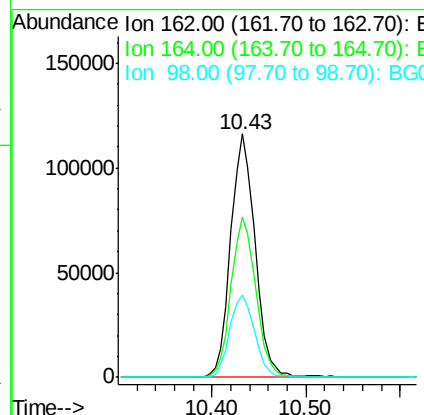
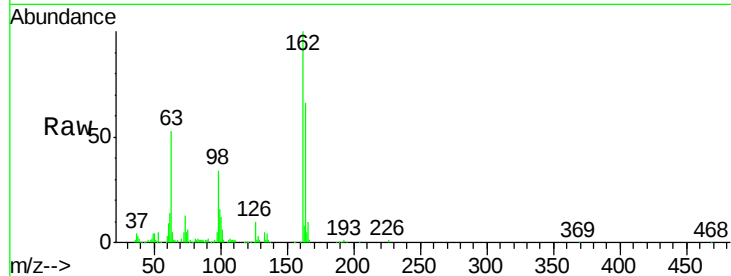
#29
2,4-Dichlorophenol
Concen: 39.52 ng
RT: 10.43 min Scan# 1250
Delta R.T. -0.00 min
Lab File: BG045310.D
Acq: 12 May 2020 1:24

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	210328		
164	65.8	45.0	85.0	
98	33.8	15.2	55.2	

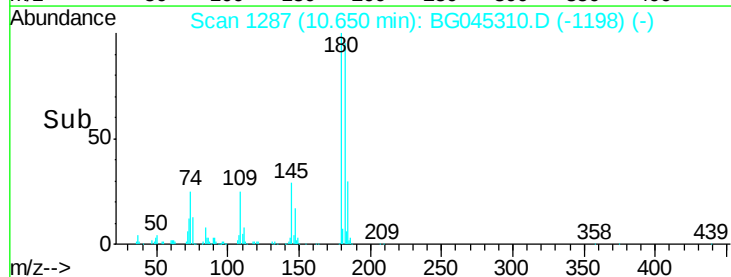
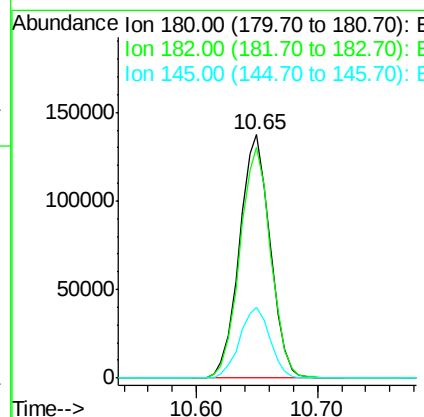
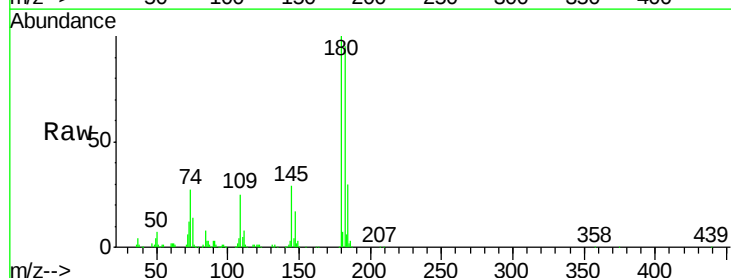
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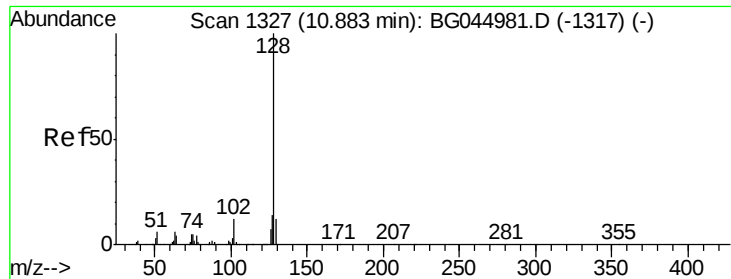
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 40.44 ng
RT: 10.65 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BG045310.D
Acq: 12 May 2020 1:24

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	243687		
182	94.8	73.3	109.9	
145	28.9	22.6	33.8	





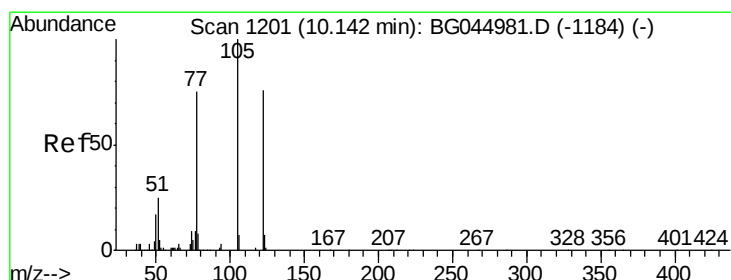
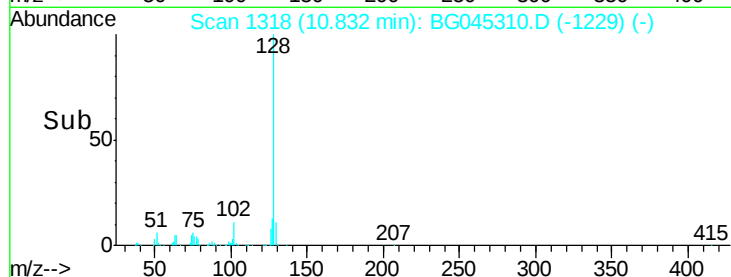
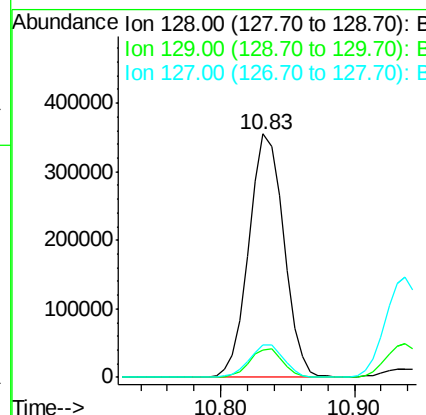
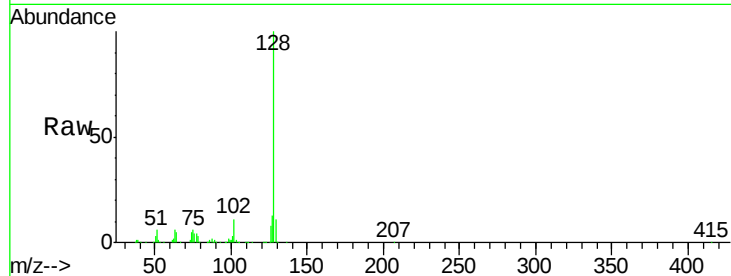
#31
Naphthalene
Concen: 39.16 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BG045310.D
Acq: 12 May 2020 1:24

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	642985		
129	11.4		9.4	14.2
127	13.2		10.8	16.2

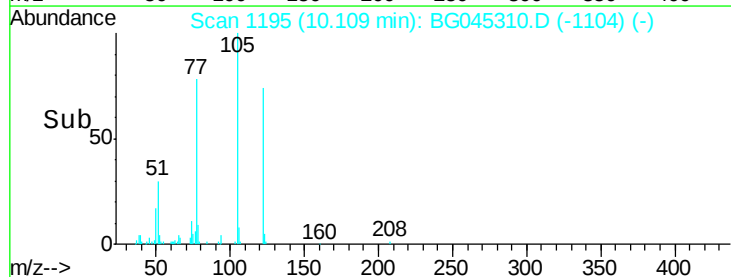
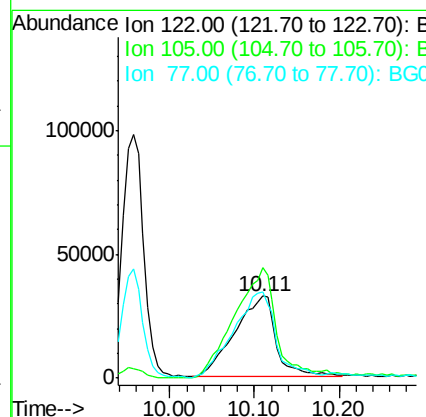
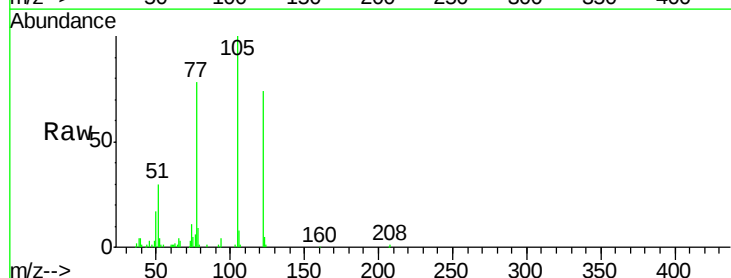
Manual Integrations
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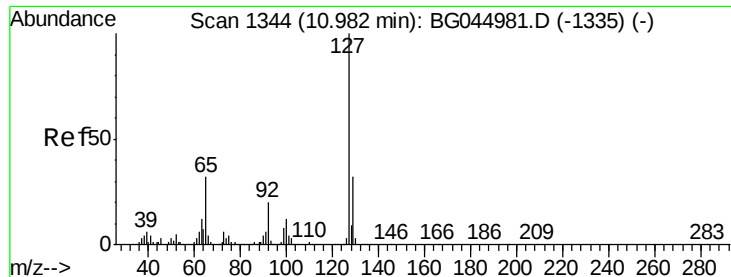
mohammad
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#32
Benzoic acid
Concen: 32.59 ng
RT: 10.11 min Scan# 1195
Delta R.T. 0.01 min
Lab File: BG045310.D
Acq: 12 May 2020 1:24

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	112569		
105	135.1		108.4	148.4
77	105.7		78.8	118.8





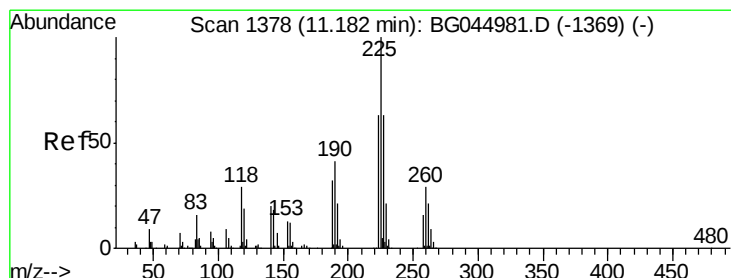
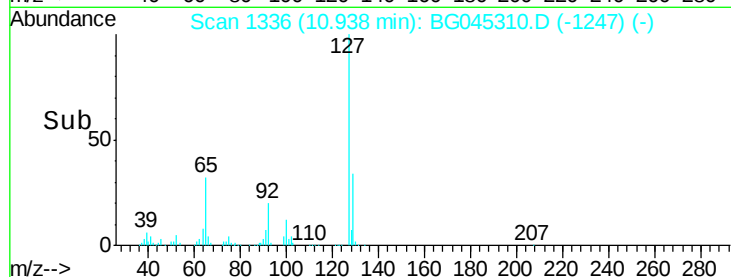
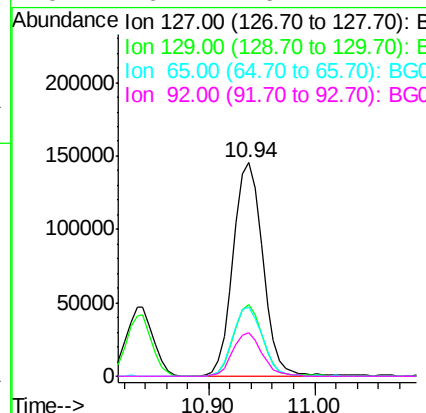
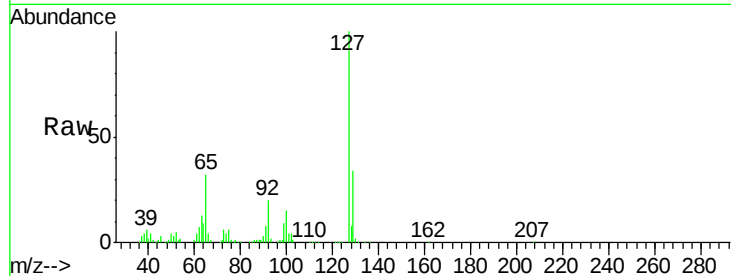
#33
4-Chloroaniline
Concen: 36.94 ng
RT: 10.94 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BG045310.D
Acq: 12 May 2020 1:24

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	282868		
129	33.8	25.7	38.5	
65	32.2	25.4	38.2	
92	20.1	16.1	24.1	

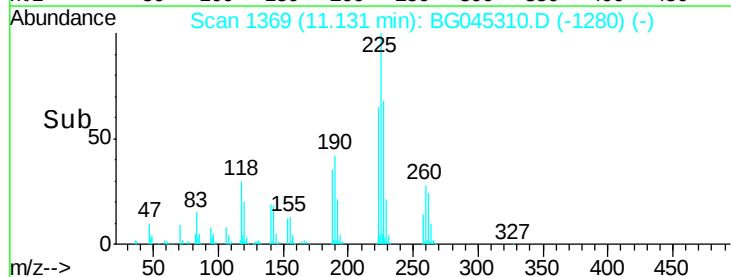
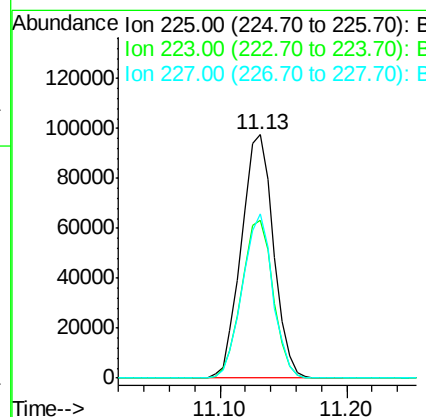
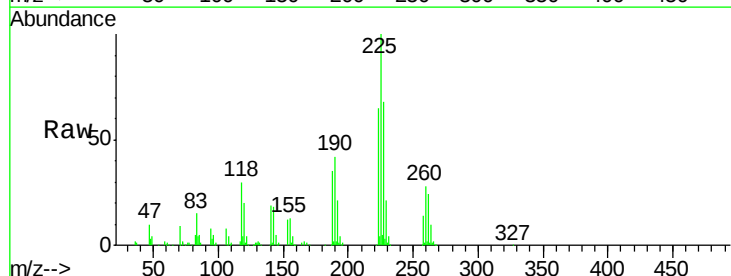
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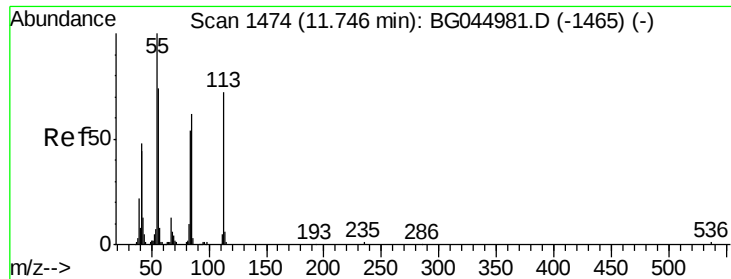
mohammad
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#34
Hexachlorobutadiene
Concen: 41.51 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.00 min
Lab File: BG045310.D
Acq: 12 May 2020 1:24

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	171474		
223	65.1	50.7	76.1	
227	67.6	50.2	75.2	





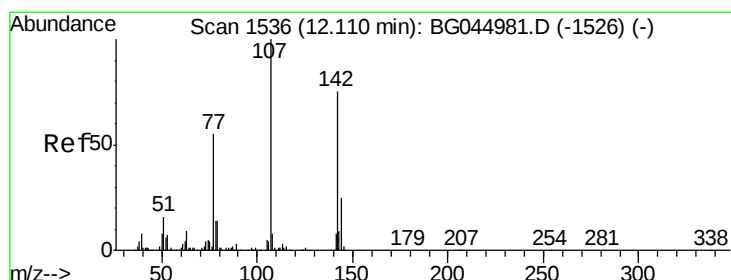
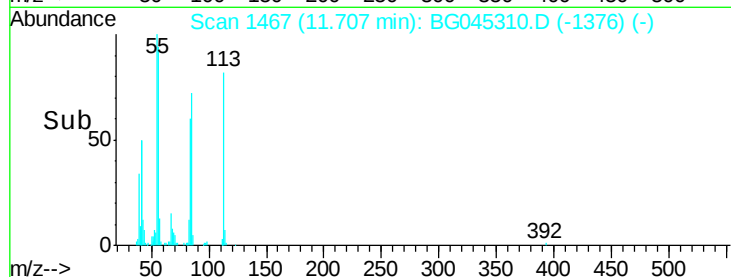
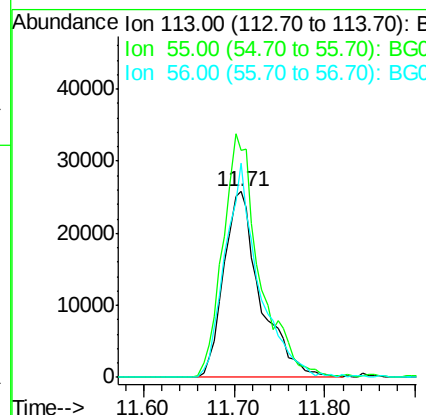
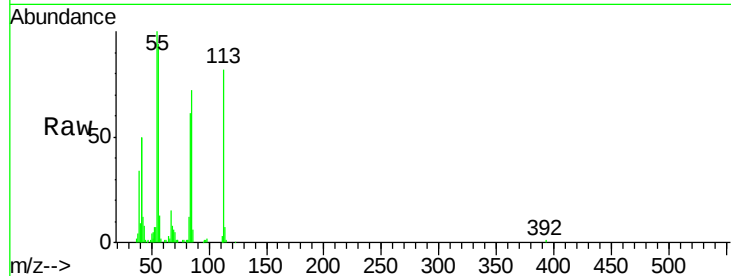
#35
 Caprolactam
 Concen: 34.39 ng
 RT: 11.71 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BG045310.D
 Acq: 12 May 2020 1:24

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	72839		
55	122.2		118.8	158.8
56	115.3		82.6	122.6

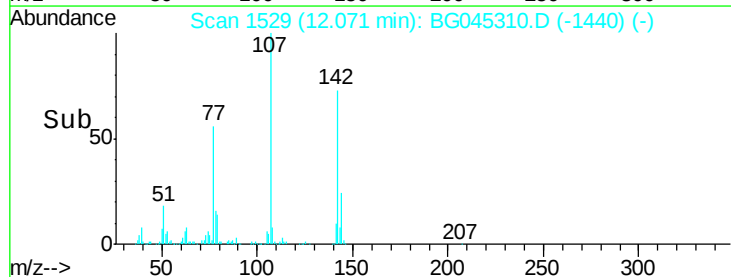
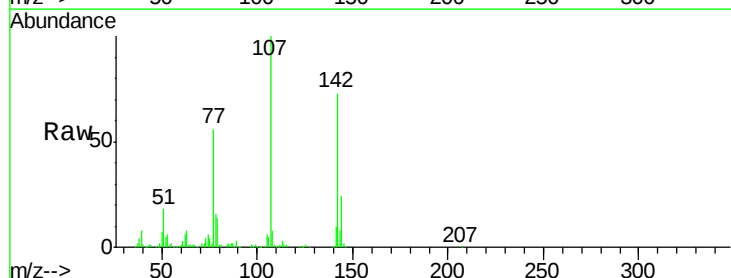
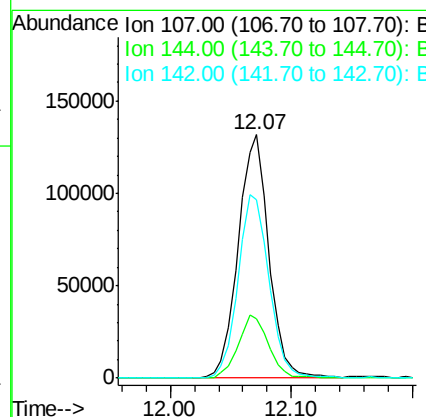
Manual Integrations
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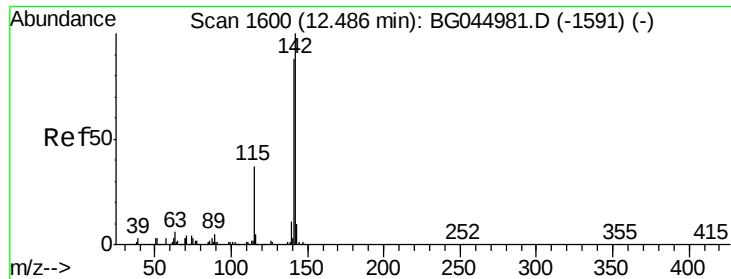
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 37.37 ng
 RT: 12.07 min Scan# 1529
 Delta R.T. -0.00 min
 Lab File: BG045310.D
 Acq: 12 May 2020 1:24

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	233599		
144	24.4		19.8	29.6
142	73.1		59.7	89.5





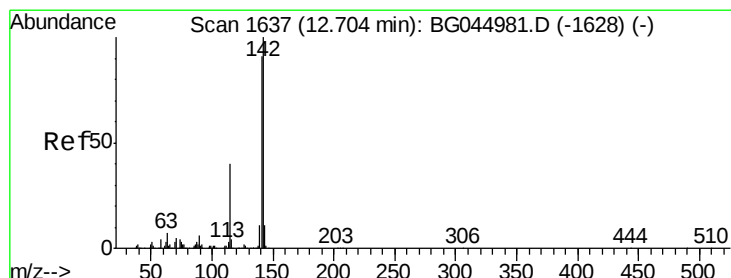
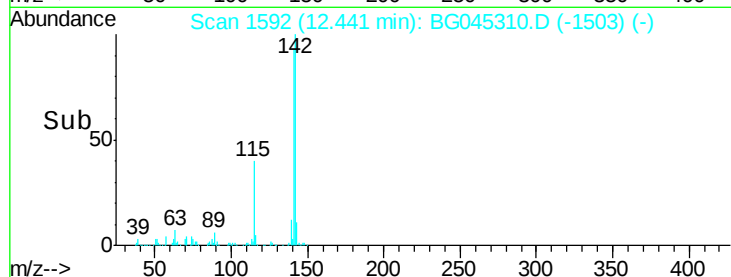
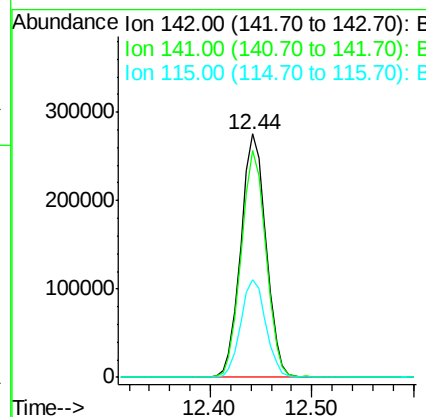
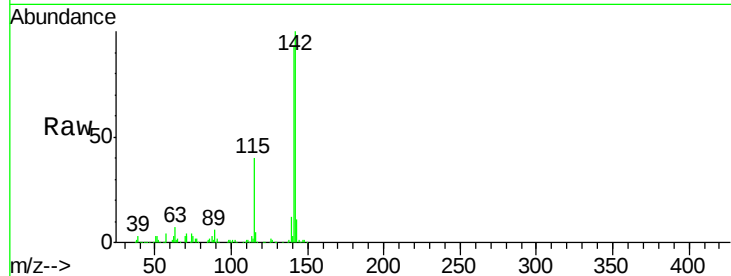
#37
2-Methylnaphthalene
Concen: 37.40 ng
RT: 12.44 min Scan# 1592
Delta R.T. -0.00 min
Lab File: BG045310.D
Acq: 12 May 2020 1:24

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	476653		
141	93.1	70.3	105.5	
115	40.0	29.8	44.6	

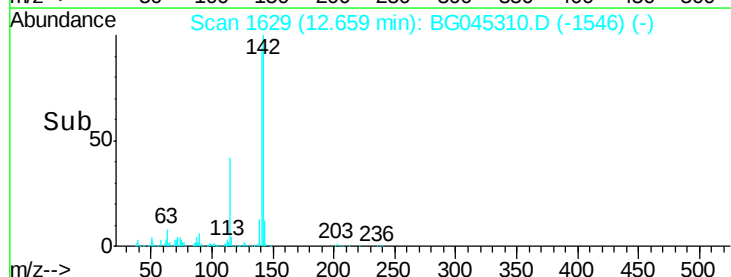
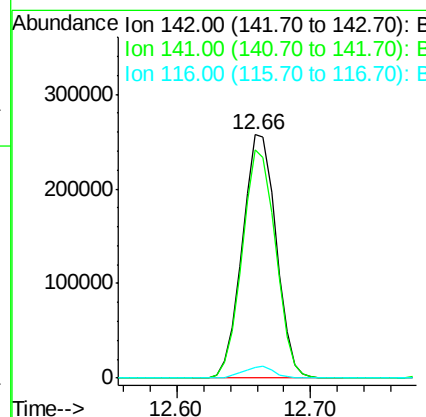
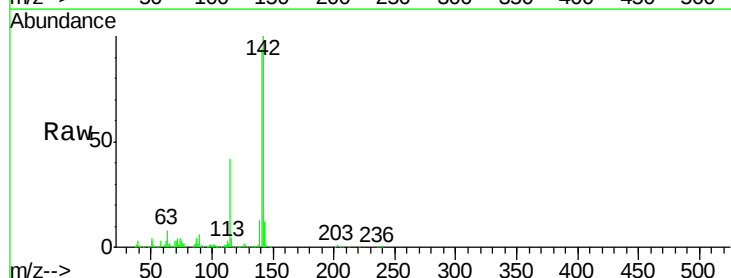
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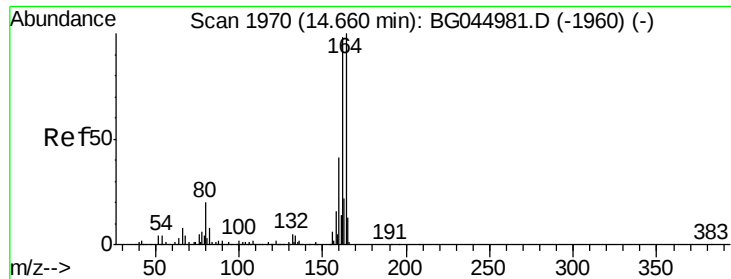
mohammad
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#38
1-Methylnaphthalene
Concen: 37.37 ng
RT: 12.66 min Scan# 1629
Delta R.T. -0.01 min
Lab File: BG045310.D
Acq: 12 May 2020 1:24

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	449670		
141	93.9	72.7	109.1	
116	4.3	3.1	4.7	





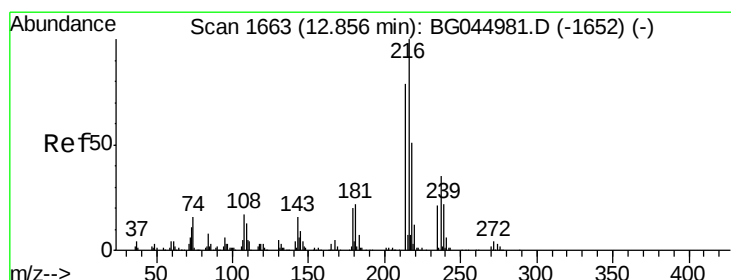
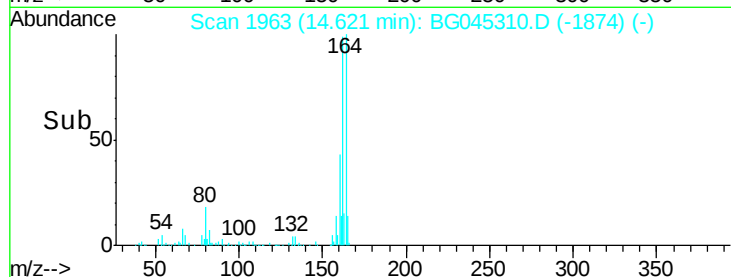
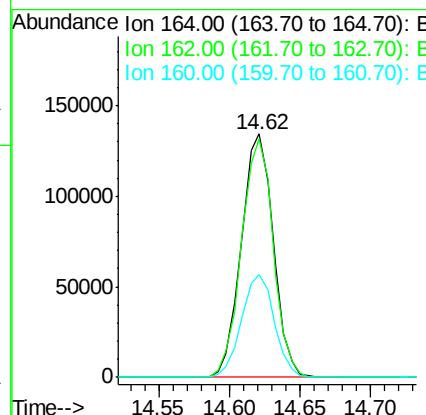
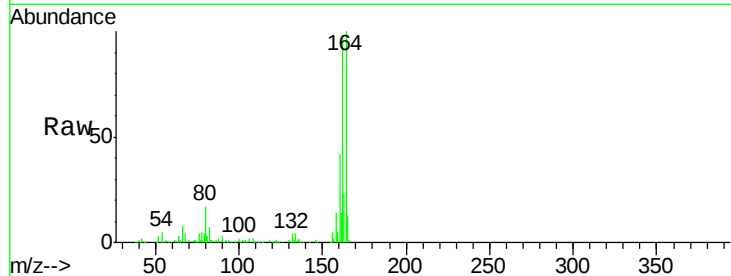
#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.62 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: BG045310.D
 Acq: 12 May 2020 1:24

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.9	78.7	118.1
160	42.4	32.8	49.2

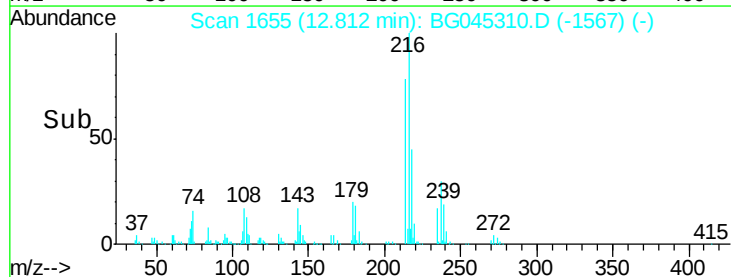
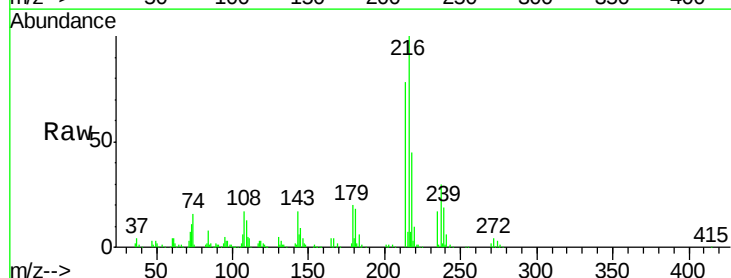
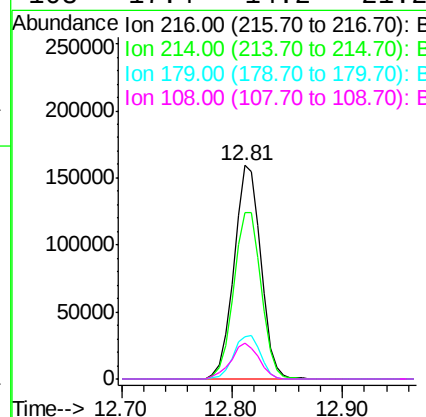
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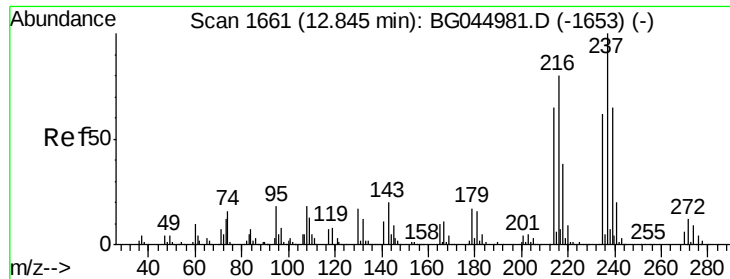
mohammad
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.73 ng
 RT: 12.81 min Scan# 1655
 Delta R.T. -0.01 min
 Lab File: BG045310.D
 Acq: 12 May 2020 1:24

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.9	63.0	94.6
179	20.7	15.8	23.8
108	17.4	14.2	21.2





#41

Hexachlorocyclopentadiene

Concen: 36.98 ng

RT: 12.80 min Scan# 1653

Delta R.T. -0.00 min

Lab File: BG045310.D

Acq: 12 May 2020 1:24

Instrument :

BNA_G

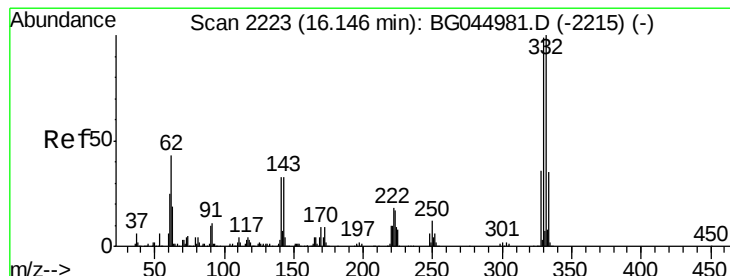
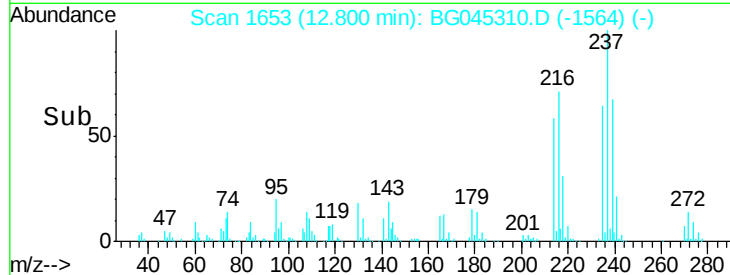
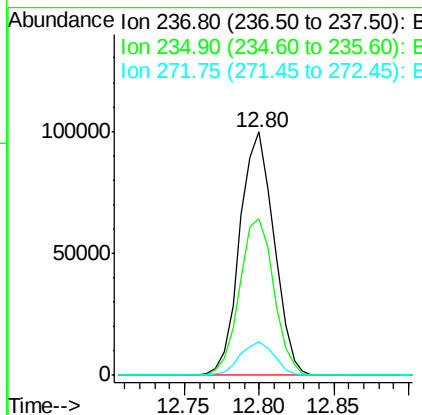
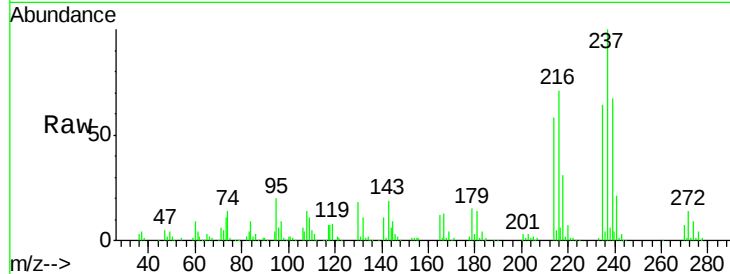
ClientSampleId :

SSTDCCC040

Tgt Ion:	237	Resp:	158150
Ion Ratio		Lower	Upper
237	100		
235	64.2	41.6	81.6
272	13.7	0.0	32.1

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#42

2,4,6-Tribromophenol

Concen: 77.74 ng

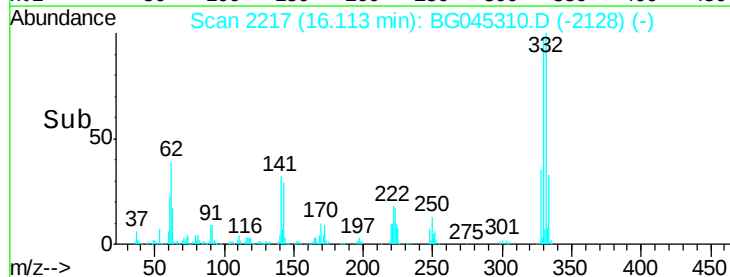
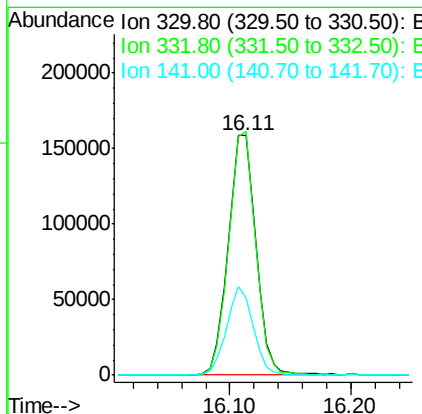
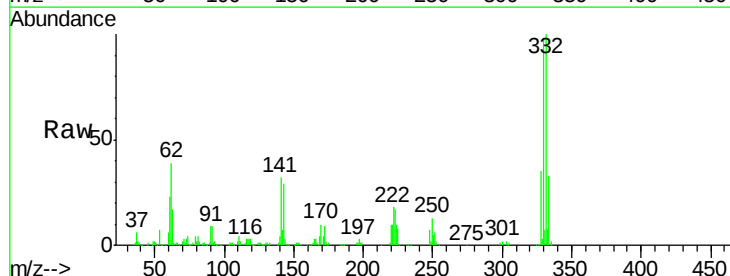
RT: 16.11 min Scan# 2217

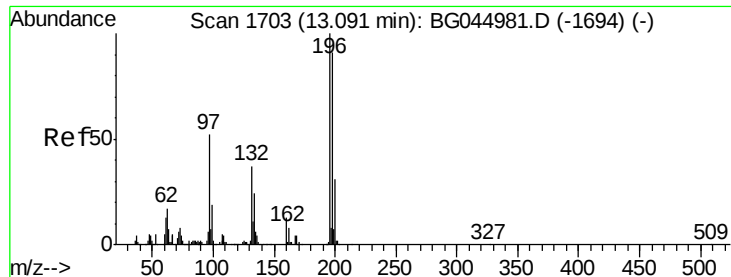
Delta R.T. -0.00 min

Lab File: BG045310.D

Acq: 12 May 2020 1:24

Tgt Ion:	330	Resp:	255222
Ion Ratio		Lower	Upper
330	100		
332	98.4	79.1	118.7
141	35.0	27.1	40.7





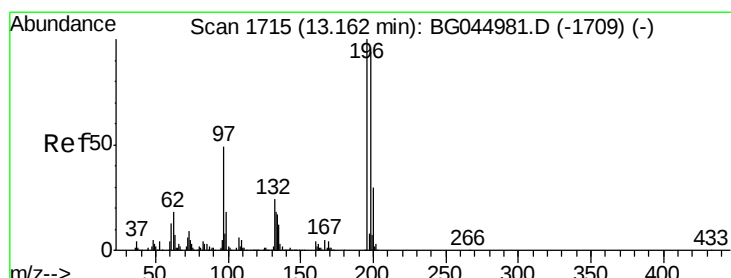
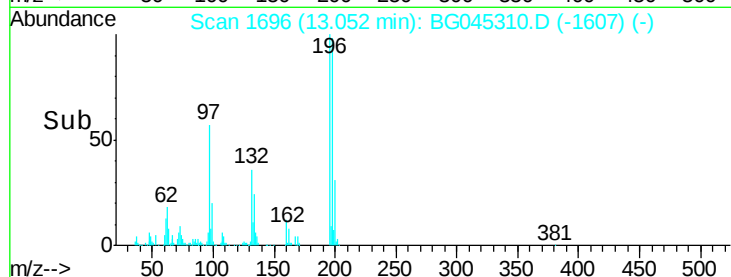
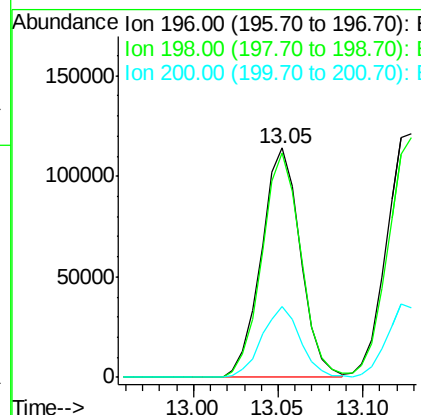
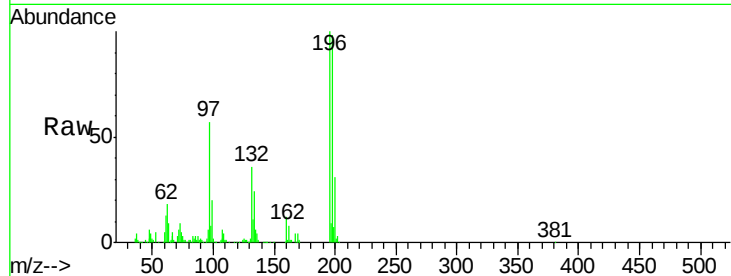
#43
 2,4,6-Trichlorophenol
 Concen: 38.02 ng
 RT: 13.05 min Scan# 1696
 Delta R.T. -0.00 min
 Lab File: BG045310.D
 Acq: 12 May 2020 1:24

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	183597		
198	97.8	72.5	108.7	
200	31.0	24.5	36.7	

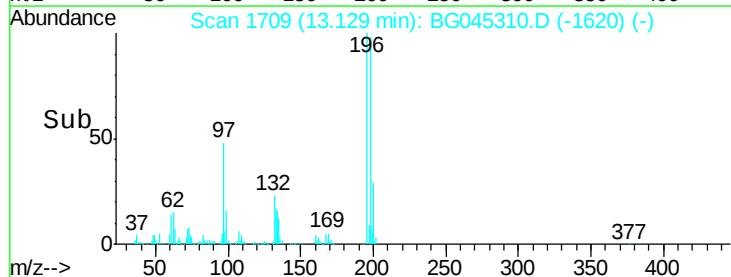
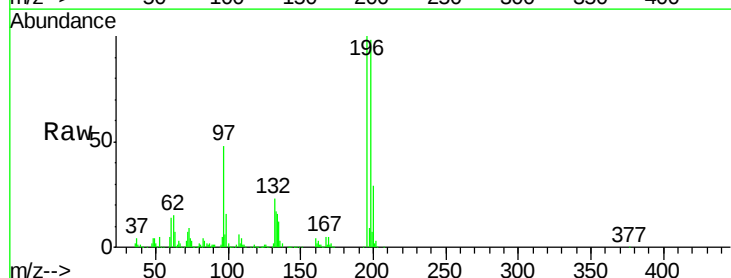
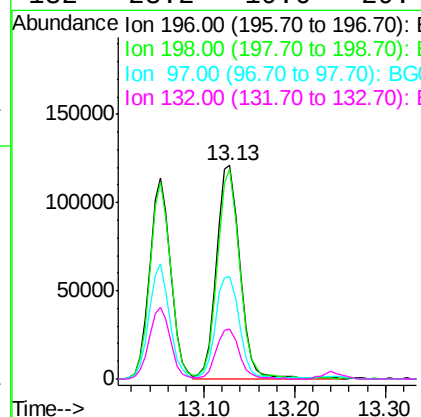
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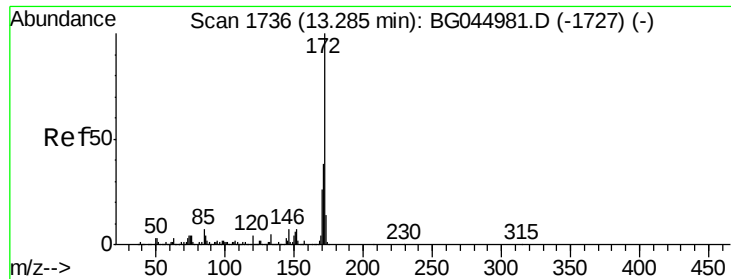
mohammad
 5/13/2020 8:15:19 AM



#44
 2,4,5-Trichlorophenol
 Concen: 39.34 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG045310.D
 Acq: 12 May 2020 1:24

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	216244		
198	98.2	75.7	113.5	
97	48.2	39.6	59.4	
132	23.2	19.6	29.4	





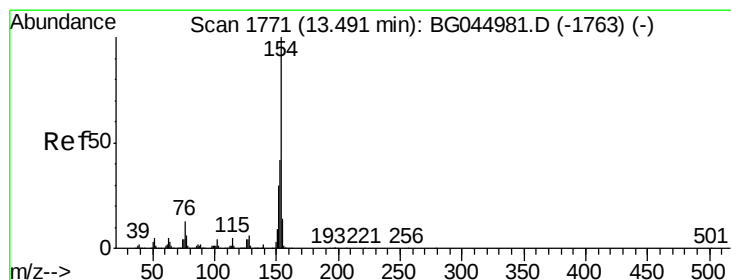
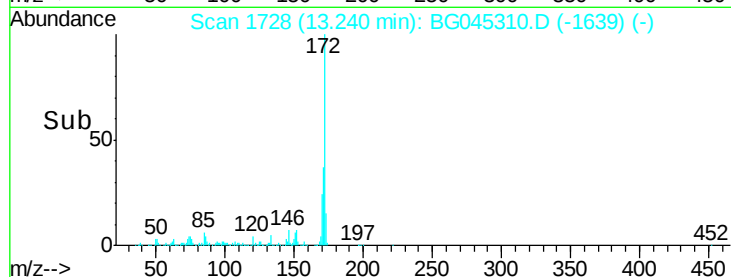
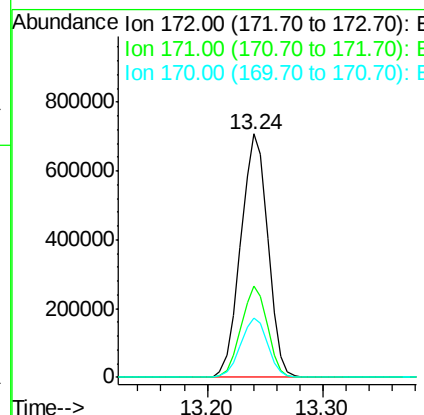
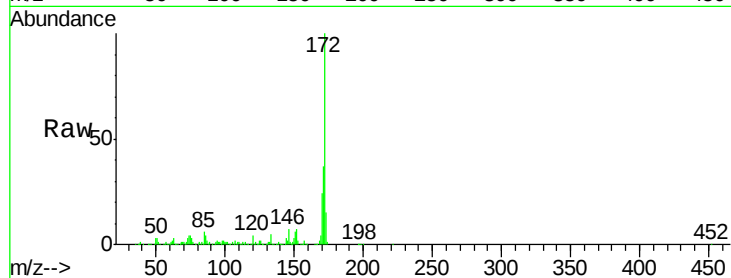
#45
 2-Fluorobiphenyl
 Concen: 79.17 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BG045310.D
 Acq: 12 May 2020 1:24

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.6	46.0
170	24.3	20.5	30.7

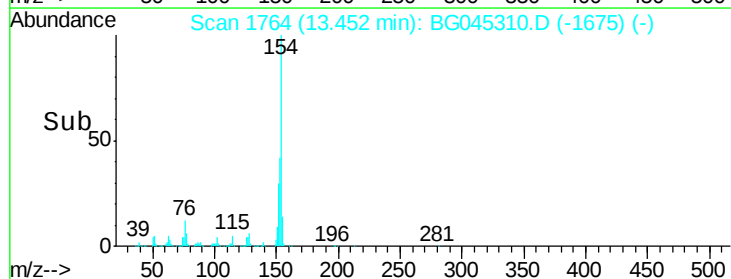
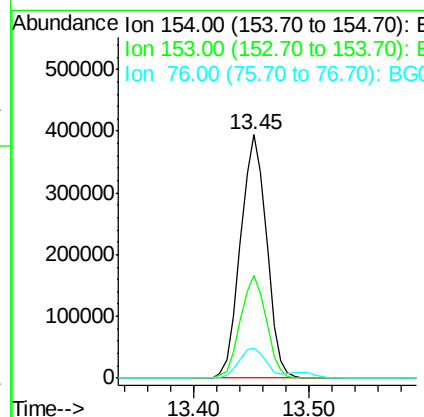
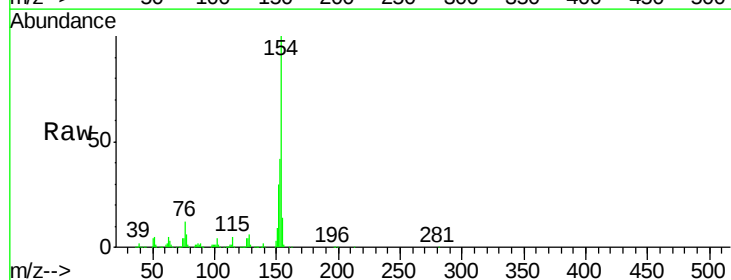
Manual Integrations
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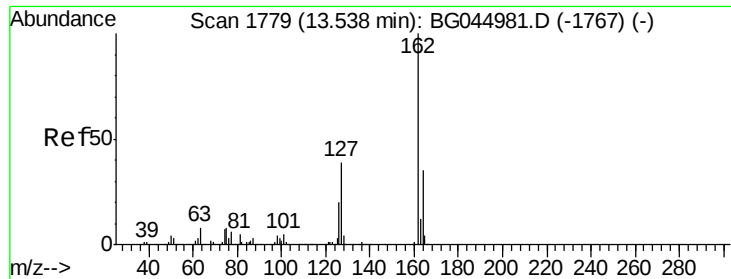
mohammad
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#46
 1,1'-Biphenyl
 Concen: 38.24 ng
 RT: 13.45 min Scan# 1764
 Delta R.T. -0.00 min
 Lab File: BG045310.D
 Acq: 12 May 2020 1:24

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.1	21.9	61.9
76	12.1	0.0	33.1





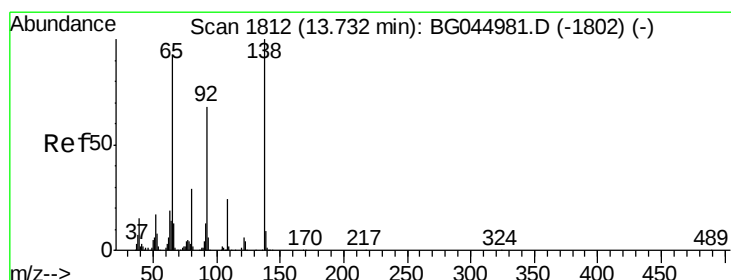
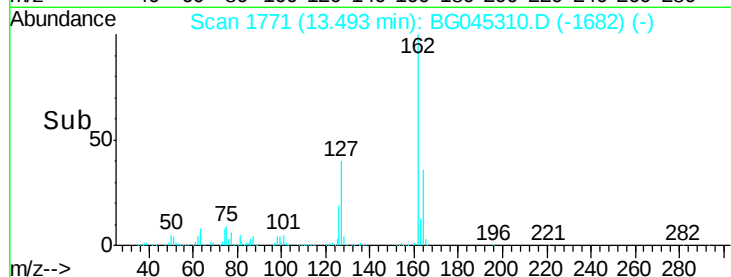
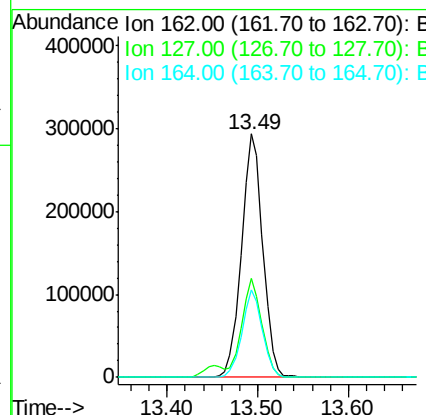
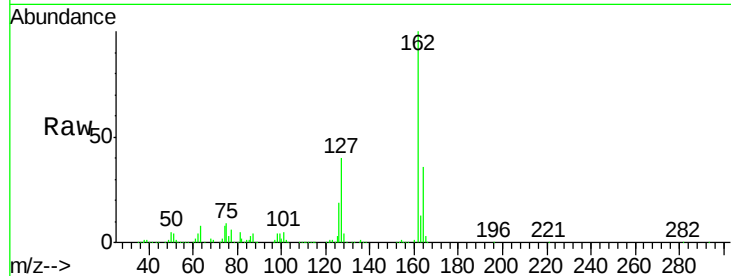
#47
 2-Chloronaphthalene
 Concen: 38.87 ng
 RT: 13.49 min Scan# 1771
 Delta R.T. -0.00 min
 Lab File: BG045310.D
 Acq: 12 May 2020 1:24

Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.4	31.3	46.9
164	36.1	27.8	41.8

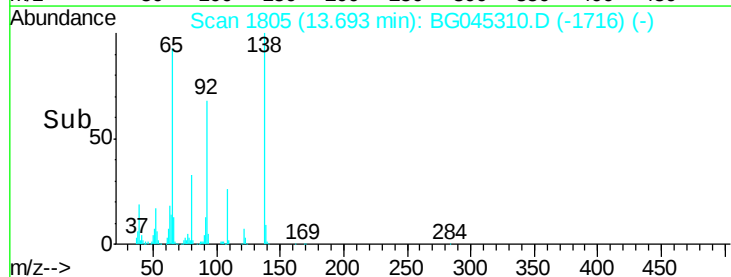
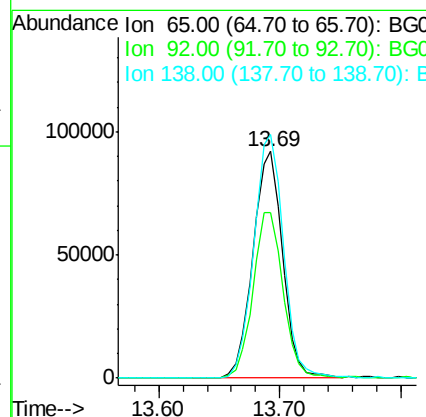
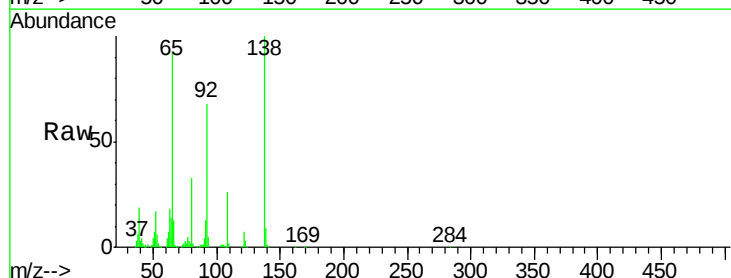
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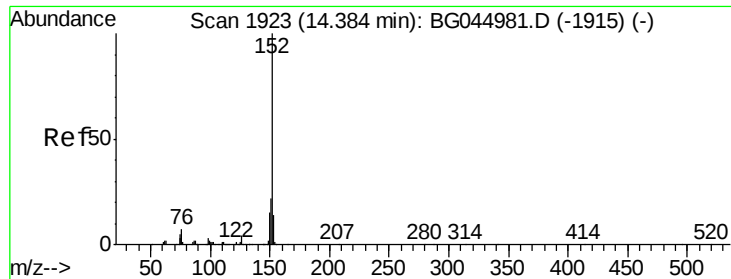
mohammad
 5/13/2020 8:15:19 AM



#48
 2-Nitroaniline
 Concen: 39.10 ng
 RT: 13.69 min Scan# 1805
 Delta R.T. -0.00 min
 Lab File: BG045310.D
 Acq: 12 May 2020 1:24

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.2	58.3	87.5
138	107.3	85.6	128.4





#49

Acenaphthylene

Concen: 39.06 ng

RT: 14.34 min Scan# 1915

Delta R.T. -0.00 min

Lab File: BG045310.D

Acq: 12 May 2020 1:24

Instrument :

BNA_G

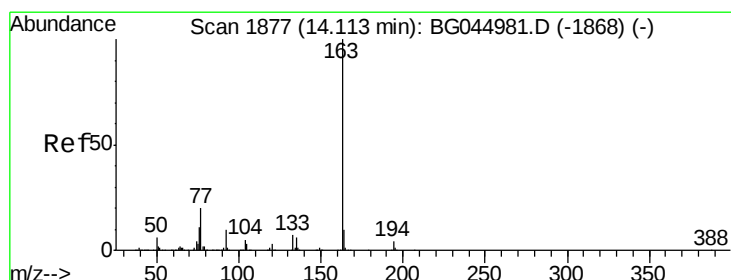
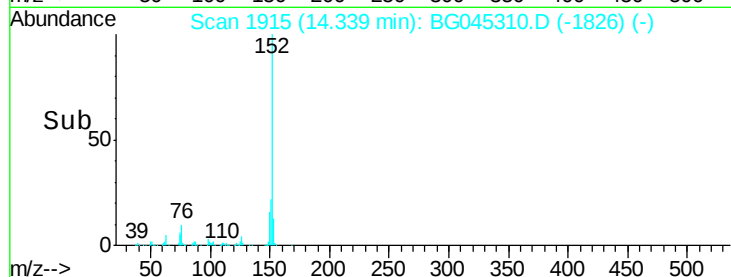
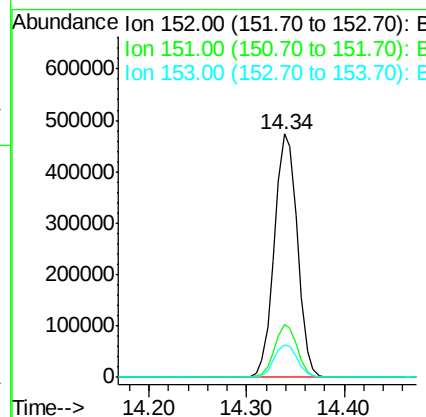
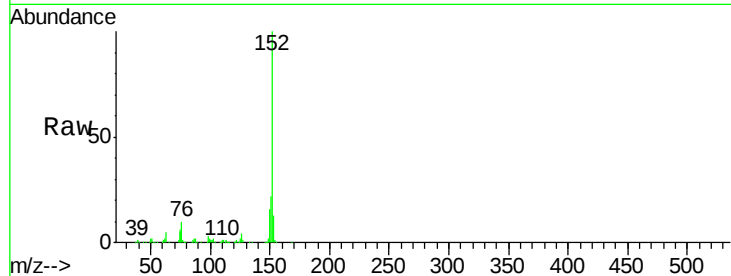
ClientSampleId :

SSTDCCC040

Tgt Ion:	152	Resp:	785312
Ion Ratio	Lower	Upper	
152	100		
151	21.7	17.2	25.8
153	13.4	11.0	16.4

Manual Integrations
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#50

Dimethylphthalate

Concen: 38.26 ng

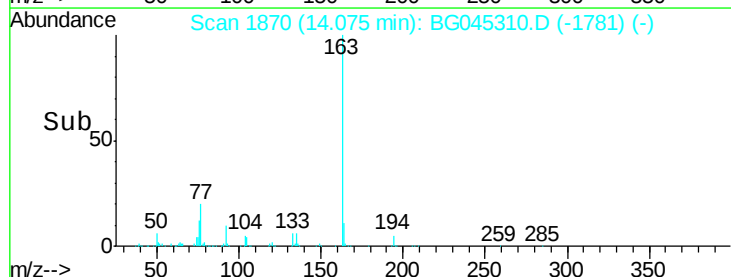
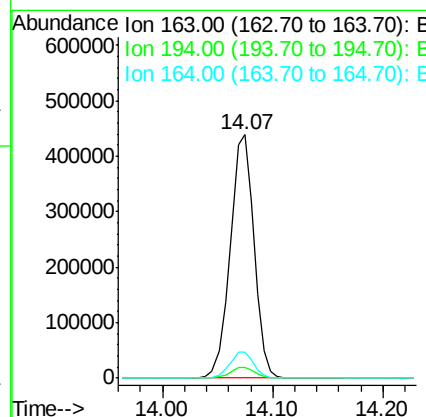
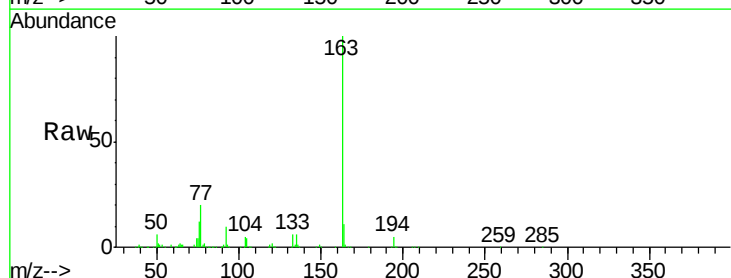
RT: 14.07 min Scan# 1870

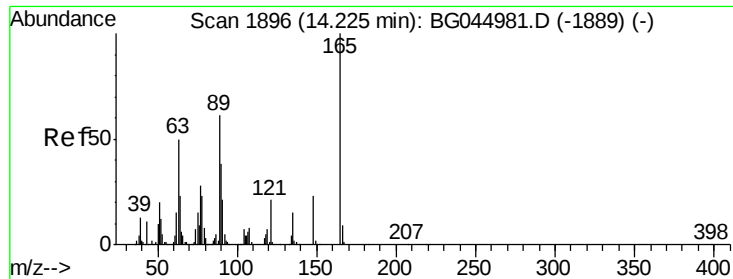
Delta R.T. -0.00 min

Lab File: BG045310.D

Acq: 12 May 2020 1:24

Tgt Ion:	163	Resp:	662029
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.5	5.3
164	10.7	8.2	12.4





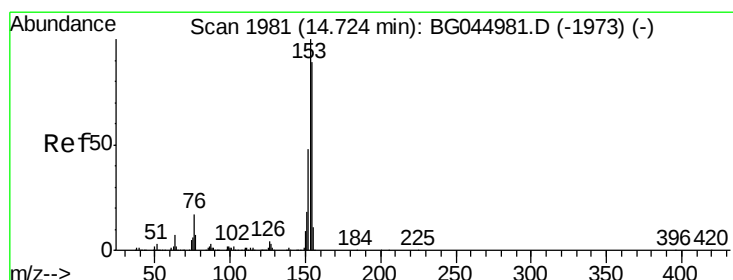
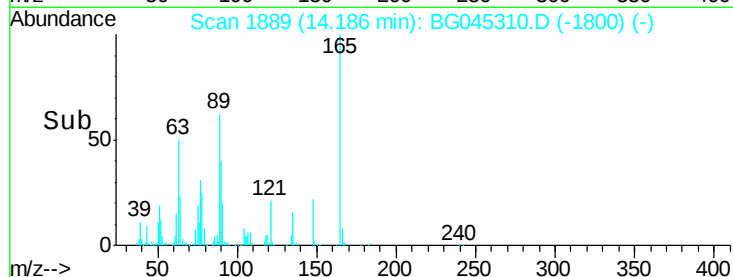
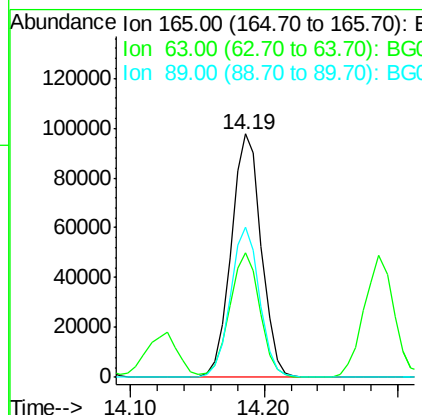
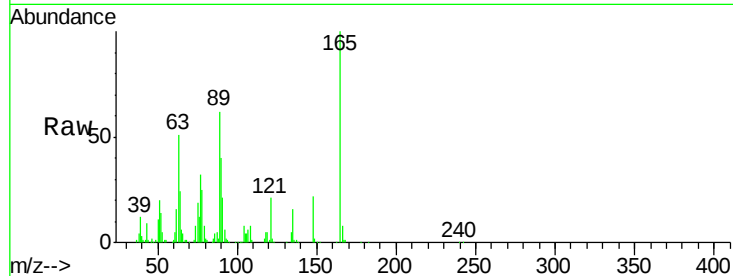
#51
2,6-Dinitrotoluene
Concen: 39.51 ng
RT: 14.19 min Scan# 1889
Delta R.T. -0.00 min
Lab File: BG045310.D
Acq: 12 May 2020 1:24

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	51.2	40.4	60.6
89	61.7	49.1	73.7

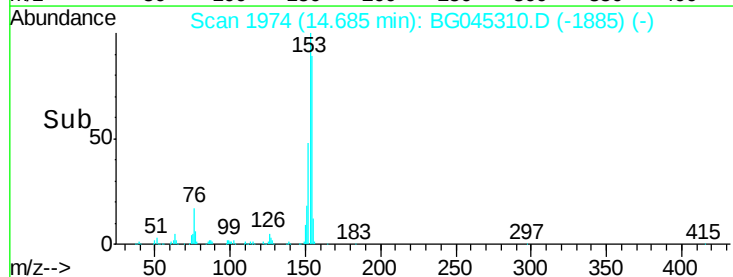
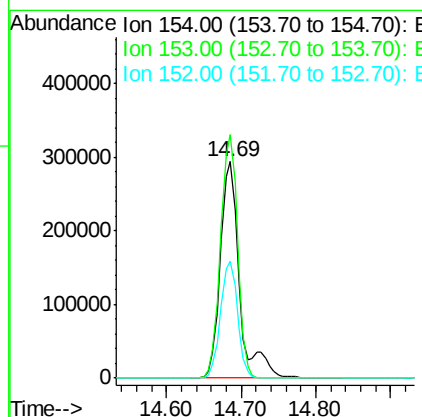
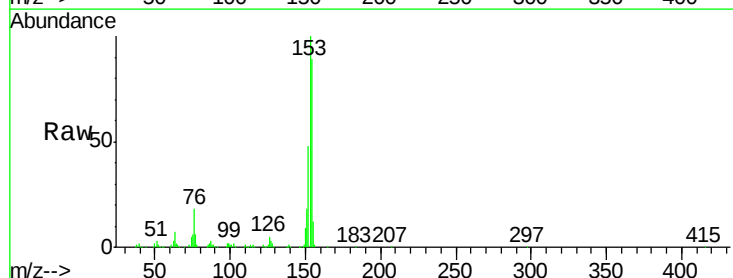
Manual Integrations
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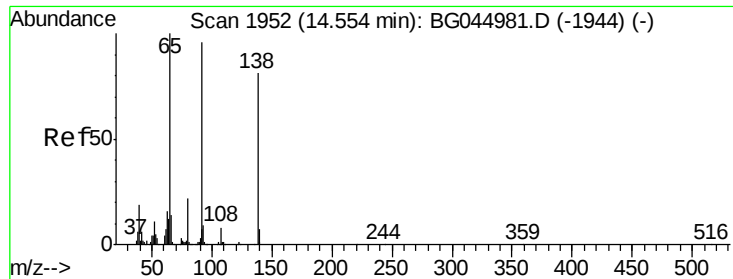
mohammad
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#52
Acenaphthene
Concen: 38.62 ng m
RT: 14.69 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BG045310.D
Acq: 12 May 2020 1:24

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	112.5	89.7	134.5
152	54.0	43.1	64.7





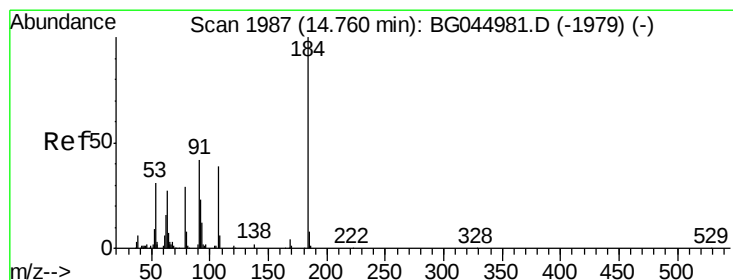
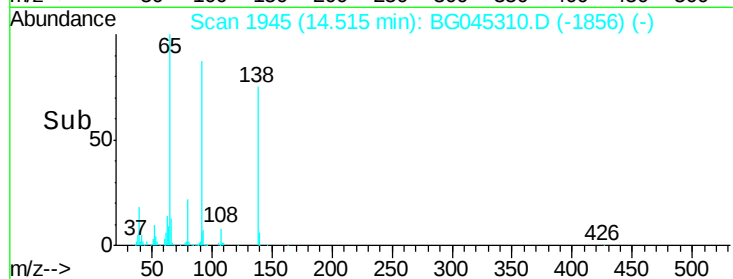
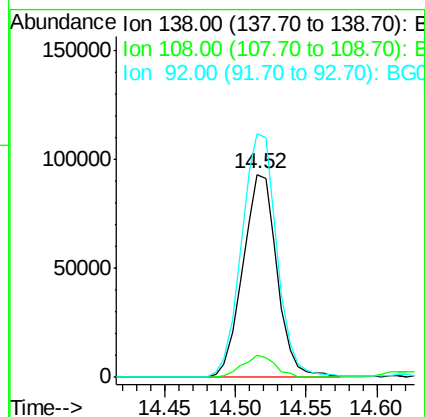
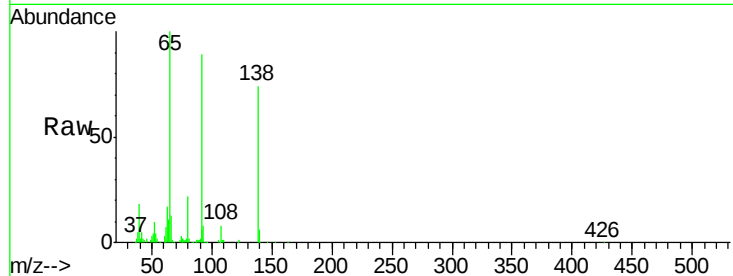
#53
3-Nitroaniline
Concen: 37.29 ng
RT: 14.52 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG045310.D
Acq: 12 May 2020 1:24

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	158313		
108	10.8	7.8	11.8	
92	119.8	94.5	141.7	

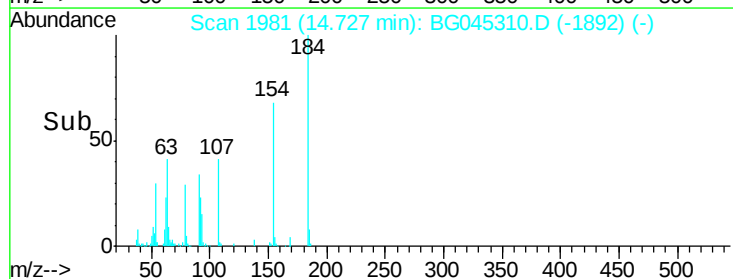
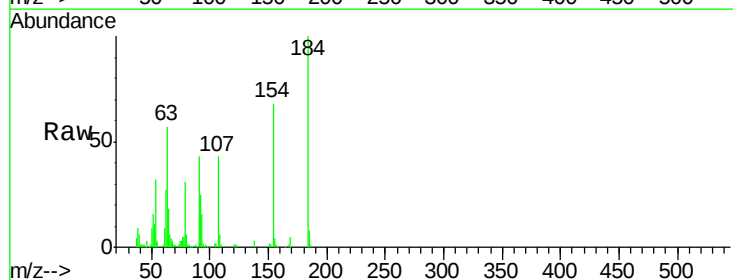
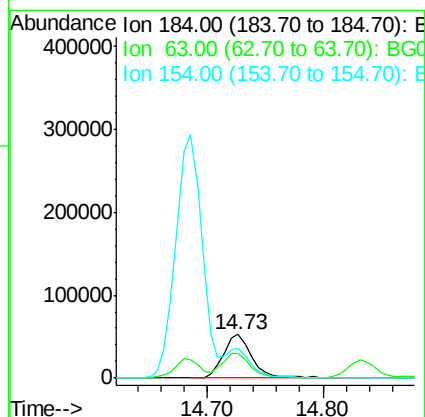
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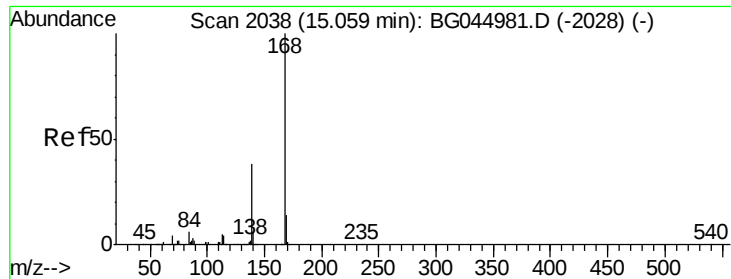
mohammad
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#54
2,4-Dinitrophenol
Concen: 39.52 ng
RT: 14.73 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BG045310.D
Acq: 12 May 2020 1:24

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	90962		
63	57.3	41.5	62.3	
154	68.0	52.3	78.5	





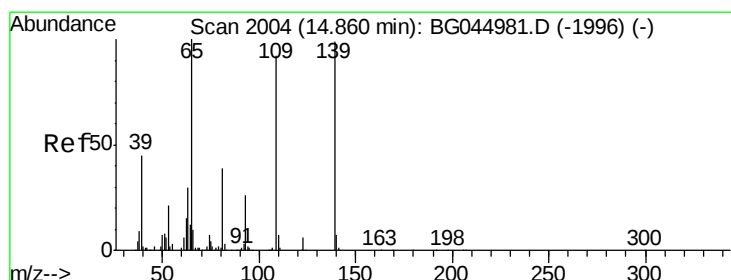
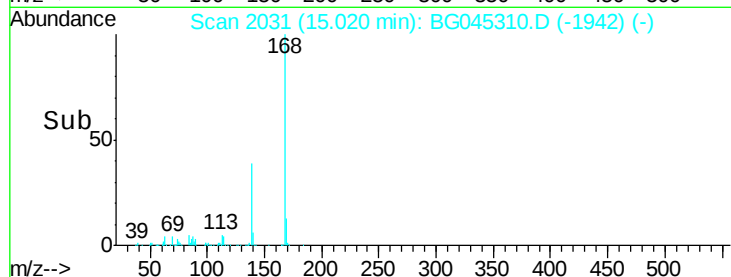
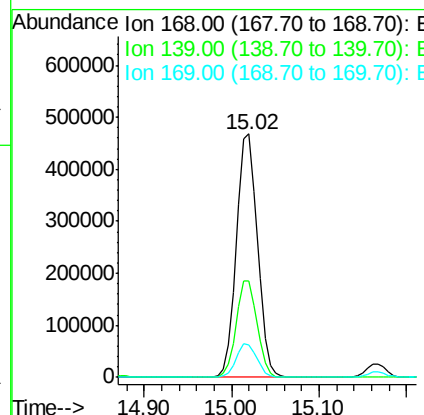
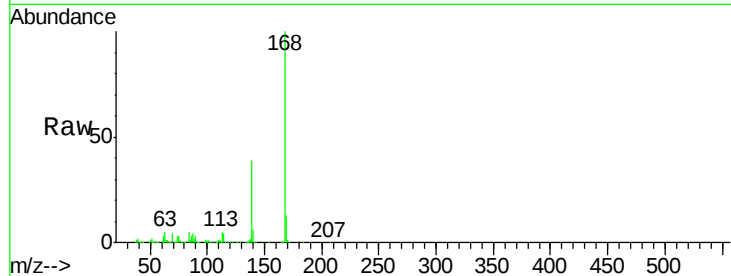
#55
Dibenzenofuran
Concen: 38.60 ng
RT: 15.02 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BG045310.D
Acq: 12 May 2020 1:24

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.4	30.4	45.6
169	13.4	11.0	16.4

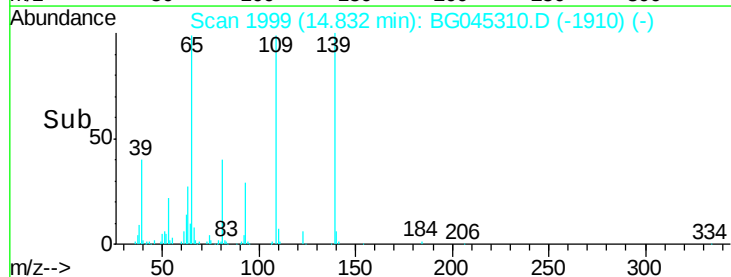
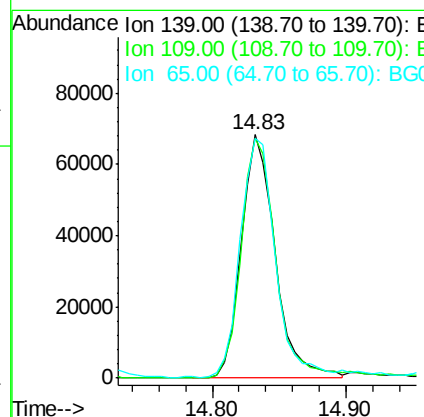
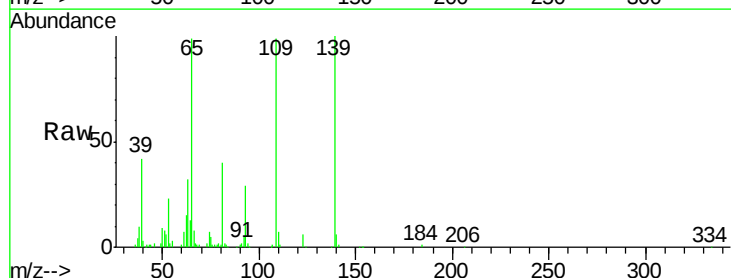
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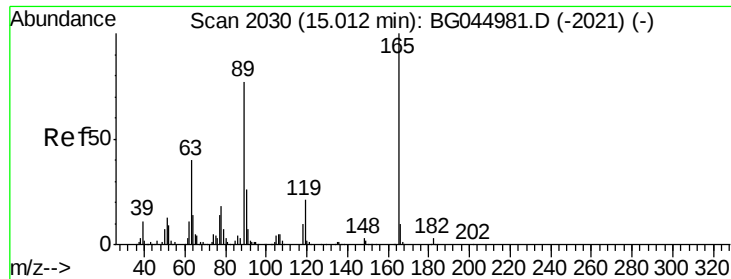
mohammad
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#56
4-Nitrophenol
Concen: 36.41 ng
RT: 14.83 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BG045310.D
Acq: 12 May 2020 1:24

Tgt Ion	Ratio	Lower	Upper
139	100		
109	98.7	73.6	113.6
65	98.6	81.2	121.2





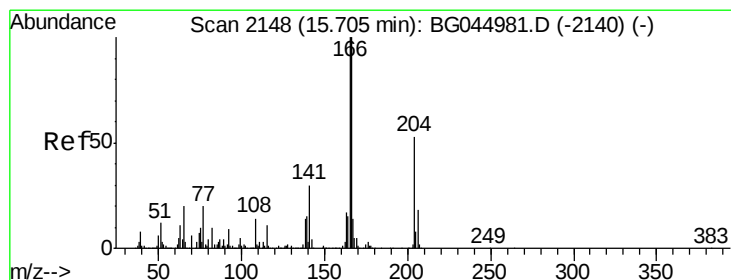
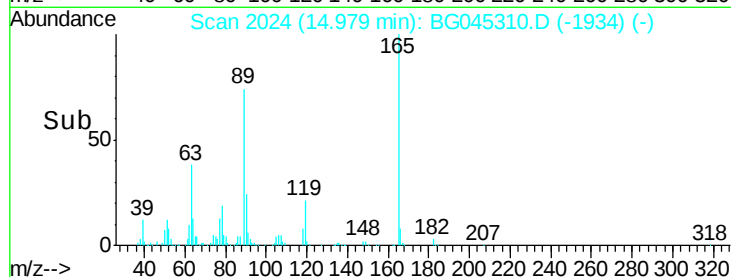
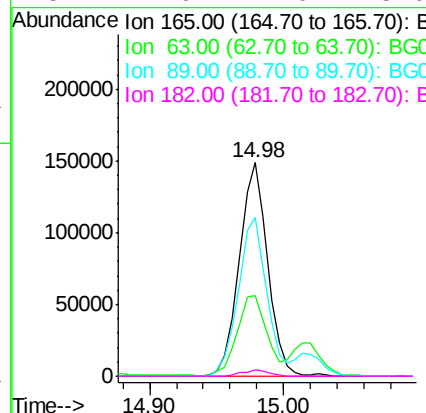
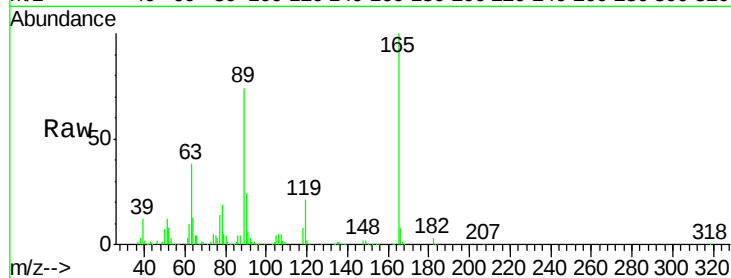
#57
2,4-Dinitrotoluene
Concen: 38.79 ng
RT: 14.98 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BG045310.D
Acq: 12 May 2020 1:24

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	219411		
63	38.0	32.2	48.2	
89	74.4	61.7	92.5	
182	2.9	2.0	3.0	

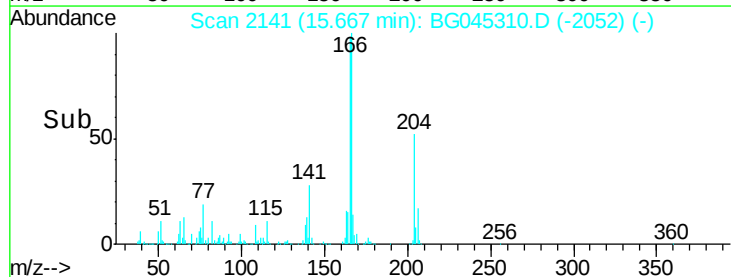
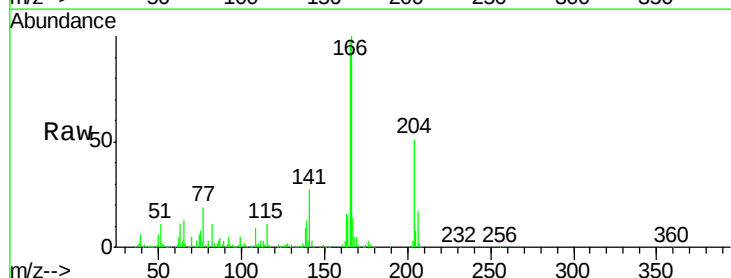
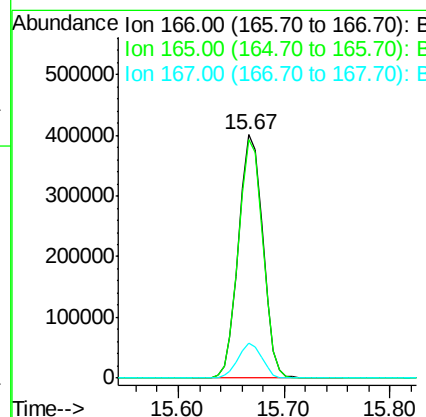
Manual Integrations
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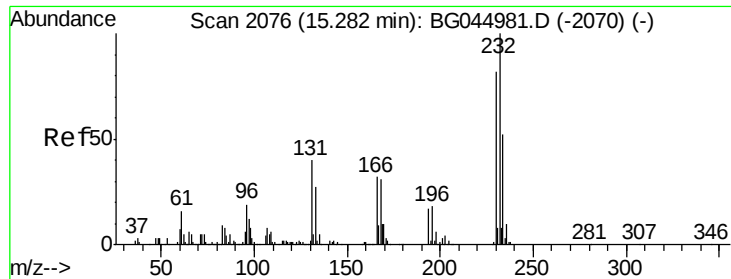
mohammad
5/13/2020 8:15:19 AM



#58
Fluorene
Concen: 39.21 ng
RT: 15.67 min Scan# 2141
Delta R.T. -0.00 min
Lab File: BG045310.D
Acq: 12 May 2020 1:24

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	635172		
165	97.7	79.9	119.9	
167	14.3	11.4	17.0	





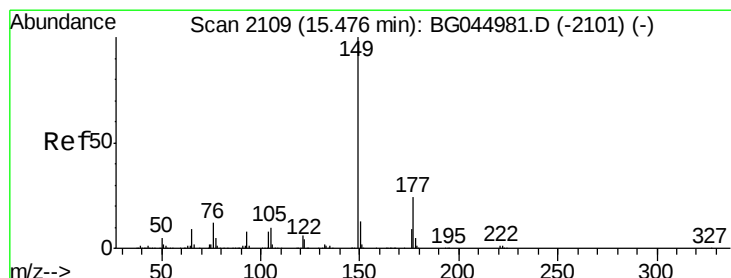
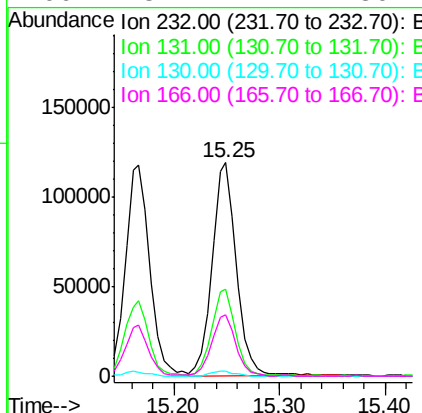
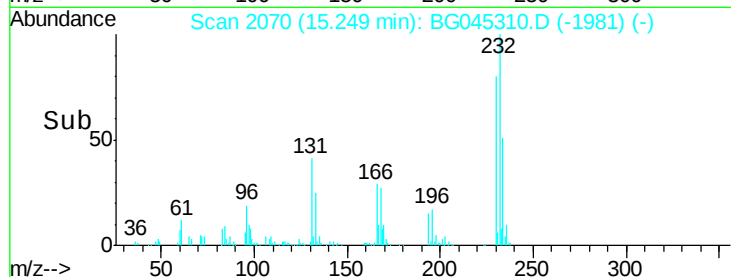
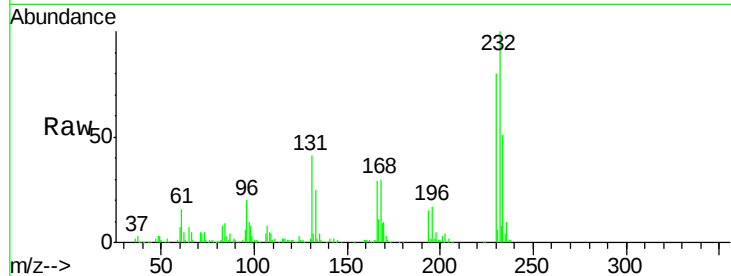
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.03 ng
 RT: 15.25 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: BG045310.D
 Acq: 12 May 2020 1:24

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	190893		
131	39.3	32.2	48.2	
130	2.5	2.2	3.2	
166	28.4	24.2	36.4	

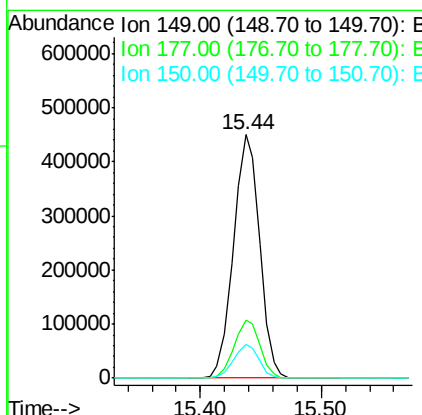
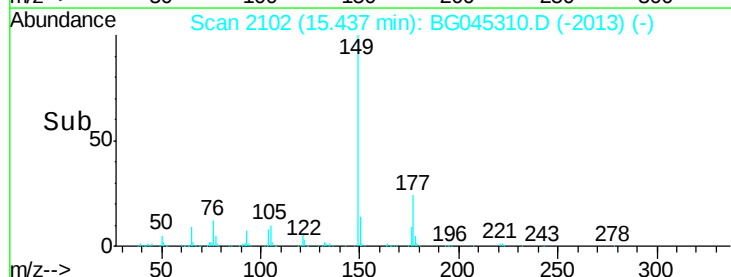
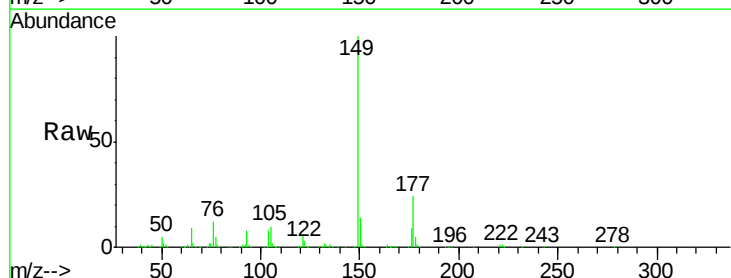
Manual Integrations
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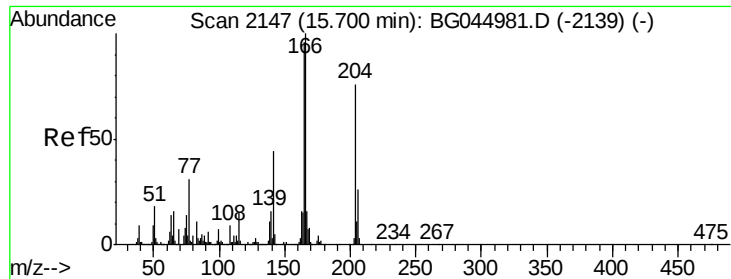
mohammad
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#60
 Diethylphthalate
 Concen: 37.56 ng
 RT: 15.44 min Scan# 2102
 Delta R.T. -0.00 min
 Lab File: BG045310.D
 Acq: 12 May 2020 1:24

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	677602		
177	24.0	18.9	28.3	
150	13.7	10.6	15.8	





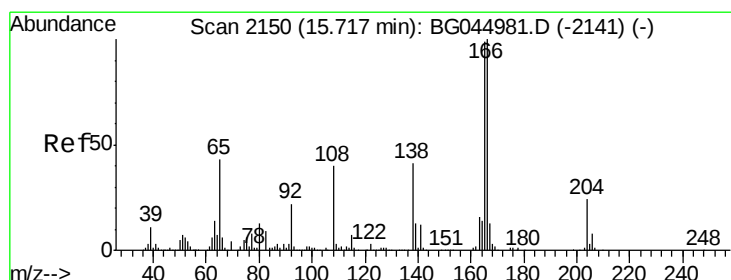
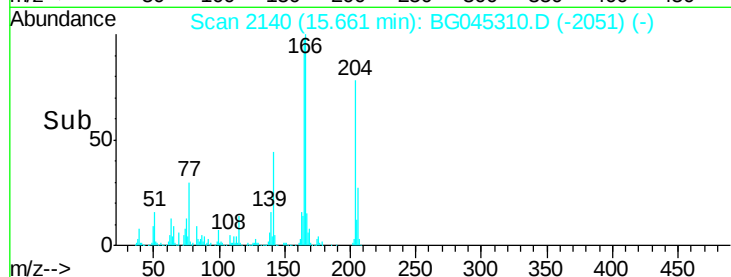
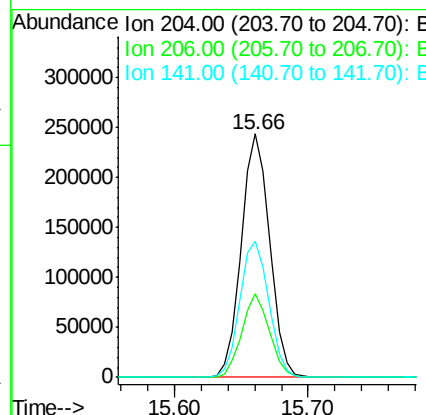
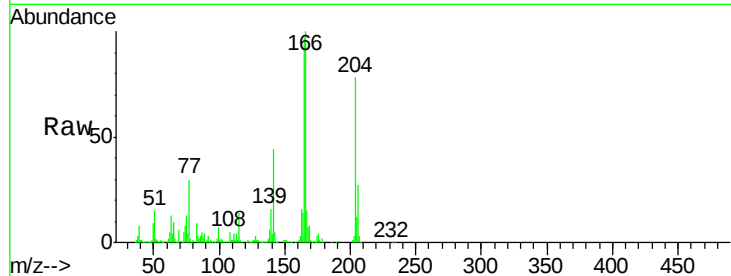
#61
 4-Chlorophenyl-phenylether
 Concen: 38.39 ng
 RT: 15.66 min Scan# 2140
 Delta R.T. -0.00 min
 Lab File: BG045310.D
 Acq: 12 May 2020 1:24

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	357969		
206	34.4	26.9	40.3	
141	56.1	46.3	69.5	

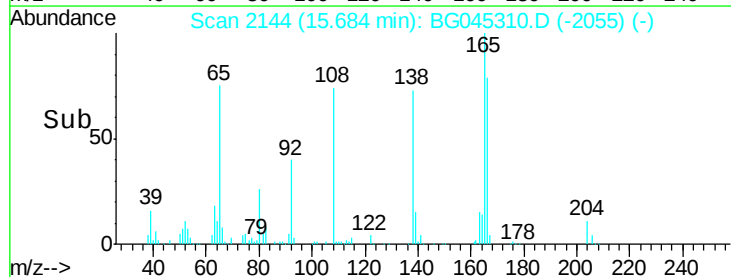
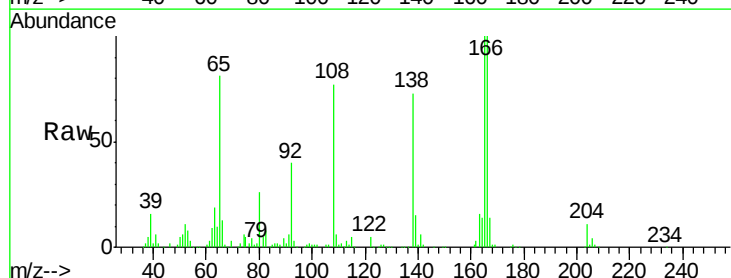
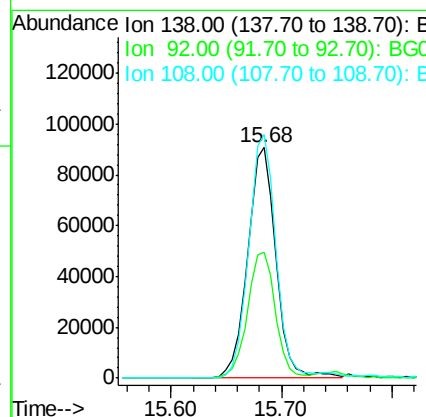
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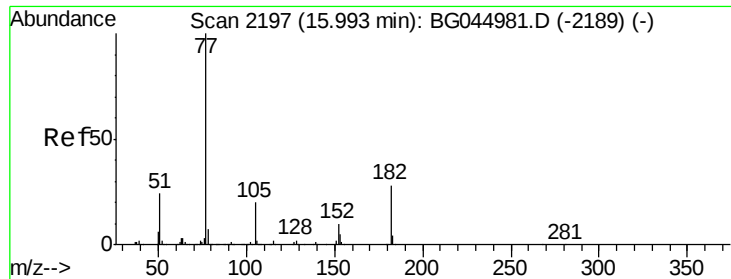
mohammad
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#62
 4-Nitroaniline
 Concen: 37.16 ng
 RT: 15.68 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: BG045310.D
 Acq: 12 May 2020 1:24

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	163594		
92	54.7	33.6	73.6	
108	105.6	78.2	118.2	





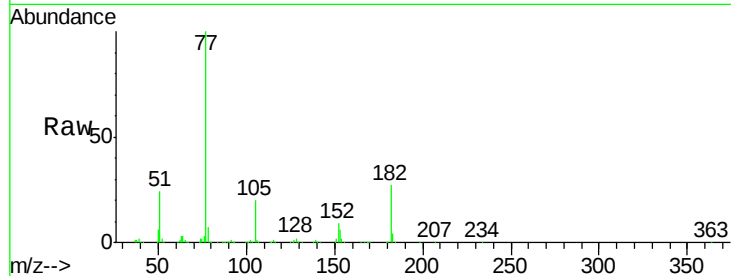
#63
Azobenzene
Concen: 37.96 ng
RT: 15.95 min Scan# 2190
Delta R.T. -0.00 min
Lab File: BG045310.D
Acq: 12 May 2020 1:24

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

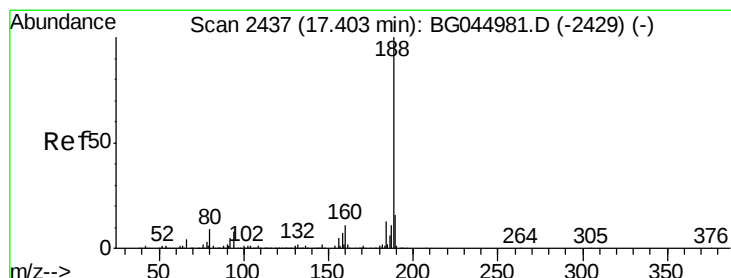
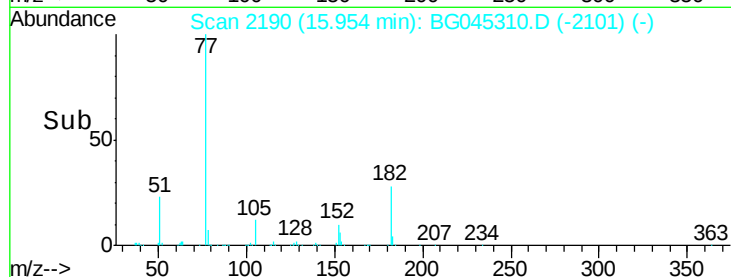
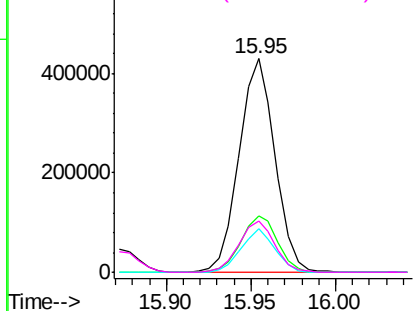
Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.5	8.4	48.4
105	20.3	0.5	40.5
51	24.2	4.4	44.4

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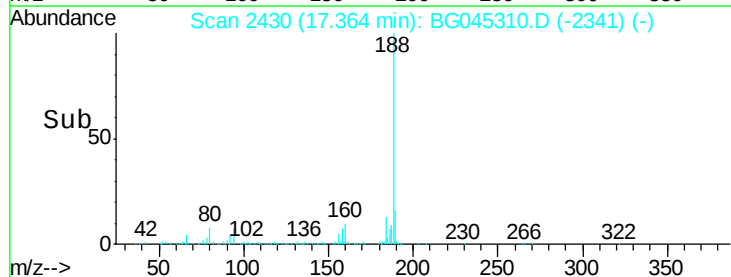
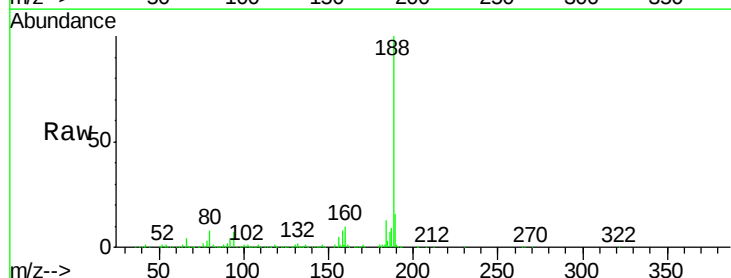
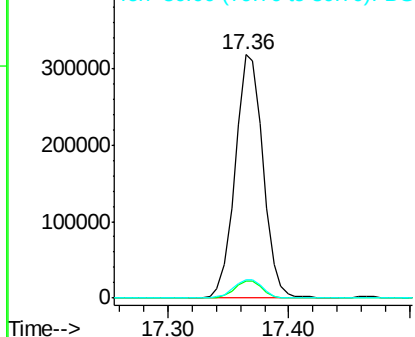
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

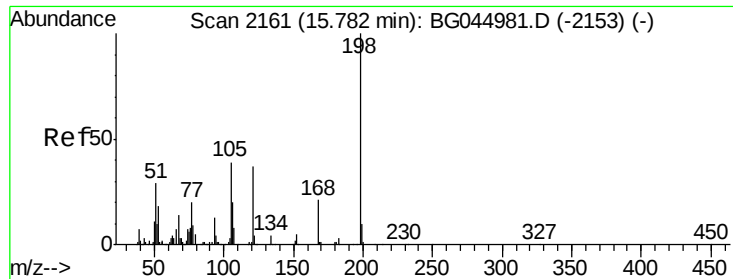


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.36 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG045310.D
Acq: 12 May 2020 1:24

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.2	9.4
80	7.7	7.0	10.6

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





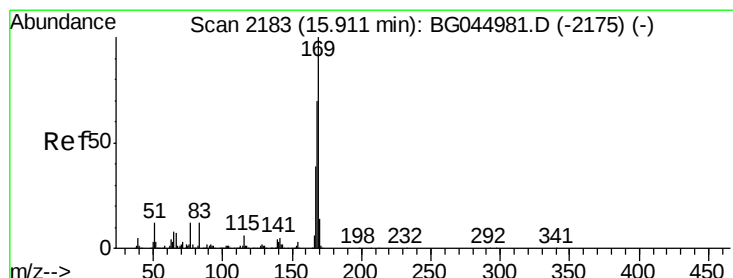
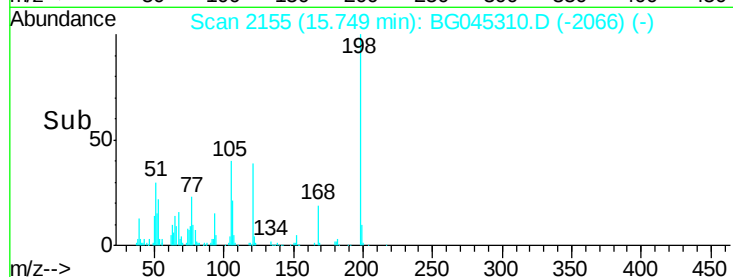
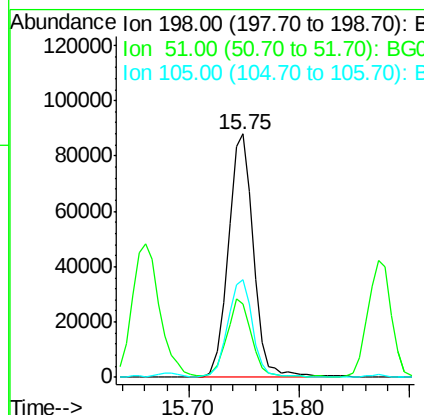
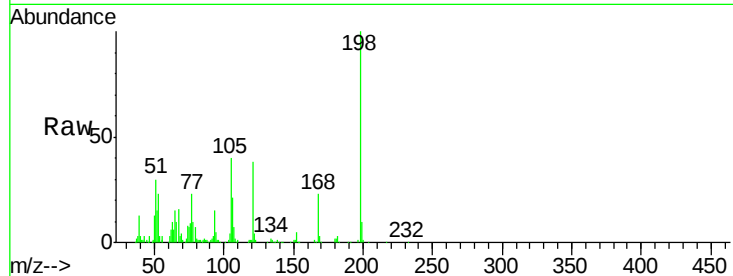
#65
 4,6-Dinitro-2-methylphenol
 Concen: 41.64 ng
 RT: 15.75 min Scan# 2155
 Delta R.T. -0.00 min
 Lab File: BG045310.D
 Acq: 12 May 2020 1:24

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	139865		
51	30.1	10.0	50.0	
105	39.9	18.9	58.9	

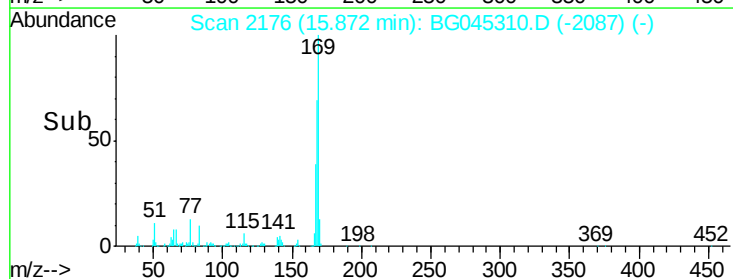
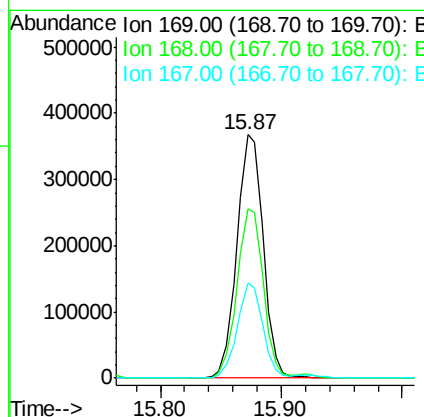
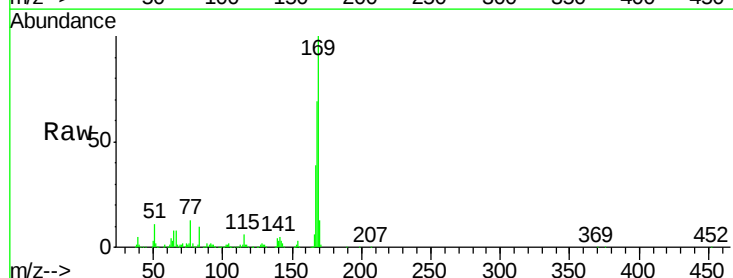
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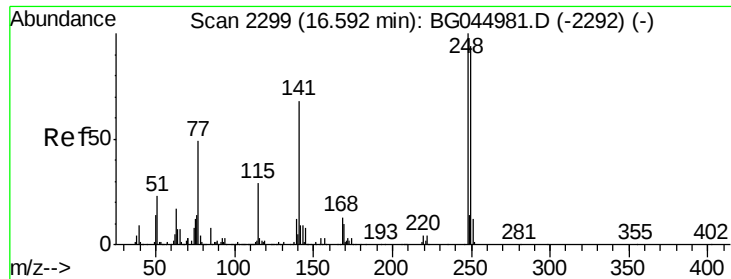
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#66
 n-Nitrosodiphenylamine
 Concen: 38.09 ng
 RT: 15.87 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: BG045310.D
 Acq: 12 May 2020 1:24

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	559304		
168	69.4	55.8	83.8	
167	38.9	30.8	46.2	





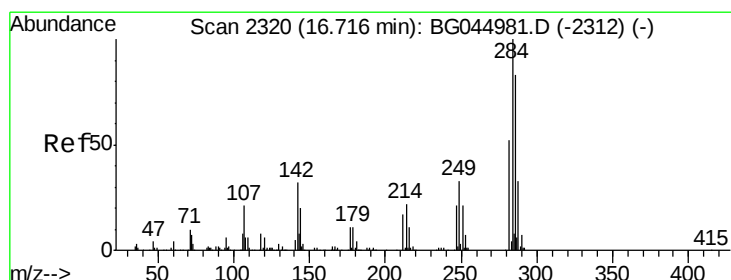
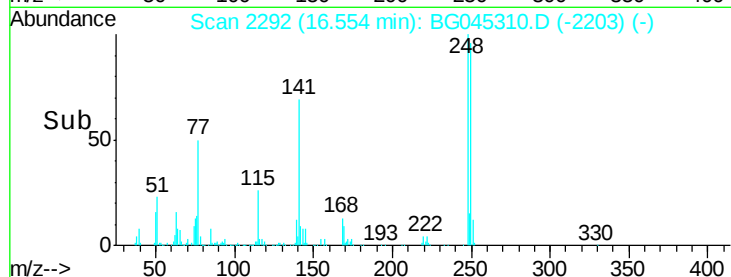
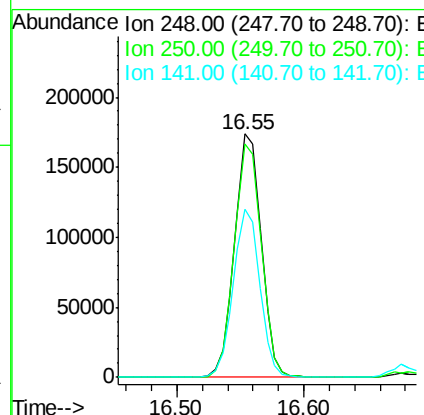
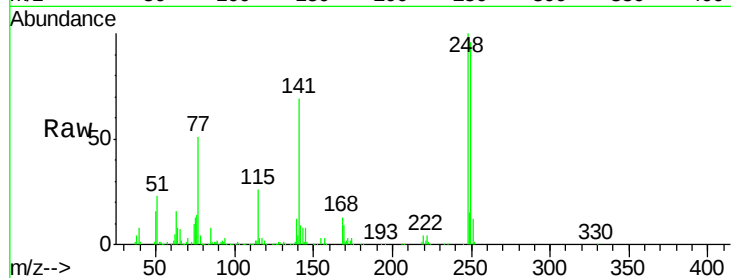
#67
4-Bromophenyl-phenylether
Concen: 38.42 ng
RT: 16.55 min Scan# 2292
Delta R.T. -0.00 min
Lab File: BG045310.D
Acq: 12 May 2020 1:24

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	253267		
250	95.8	75.4	113.2	
141	69.2	54.4	81.6	

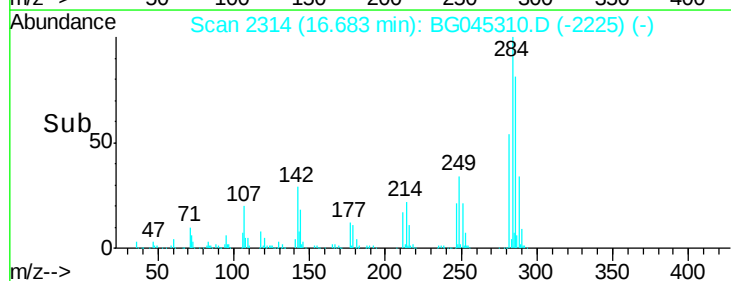
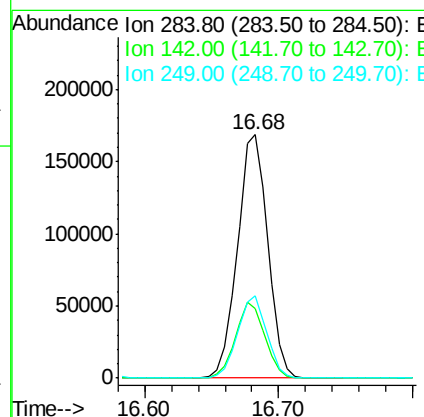
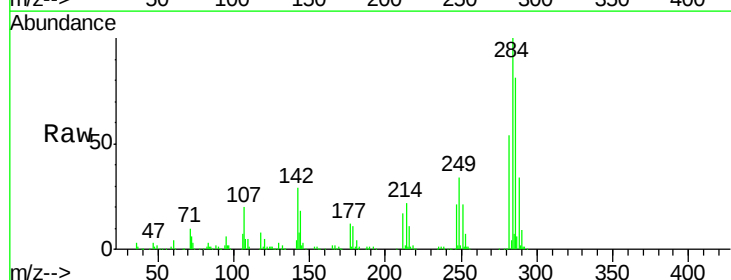
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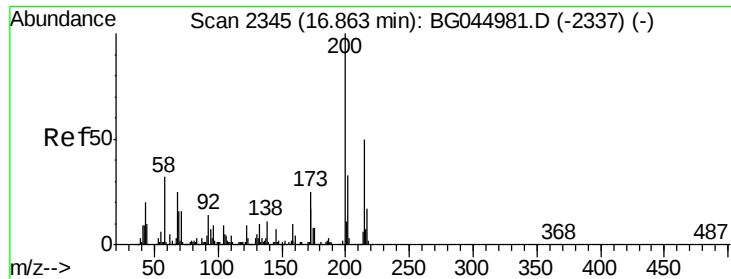
mohammad
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#68
Hexachlorobenzene
Concen: 38.79 ng
RT: 16.68 min Scan# 2314
Delta R.T. -0.00 min
Lab File: BG045310.D
Acq: 12 May 2020 1:24

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	265191		
142	28.8	25.8	38.6	
249	34.1	26.6	39.8	





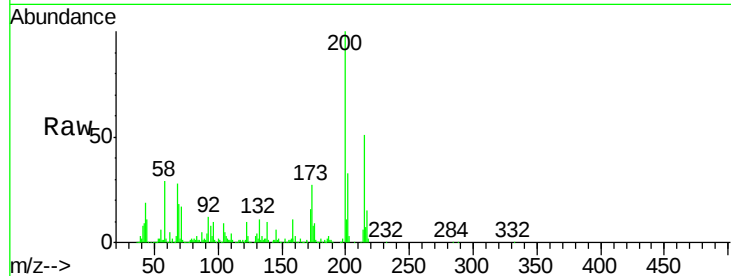
#69
Atrazine
Concen: 33.79 ng
RT: 16.82 min Scan# 2338
Delta R.T. -0.00 min
Lab File: BG045310.D
Acq: 12 May 2020 1:24

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

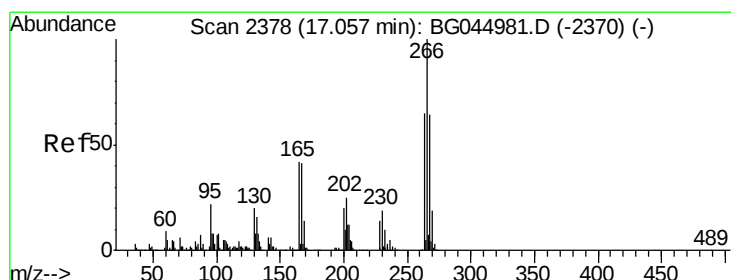
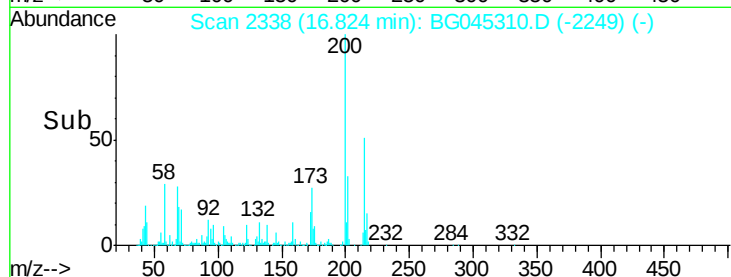
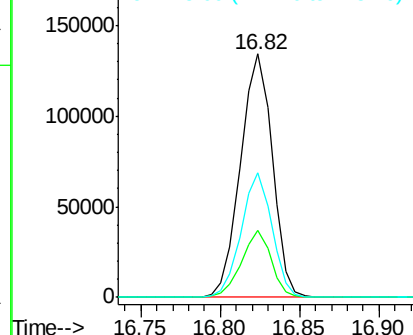
Tgt Ion	Ratio	Resp	Lower	Upper
200	100	187314		
173	27.5	4.5	44.5	
215	51.0	30.0	70.0	

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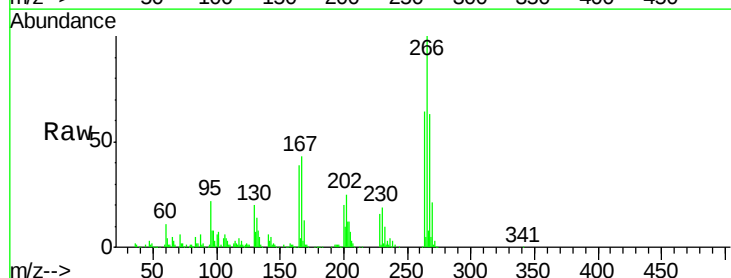


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

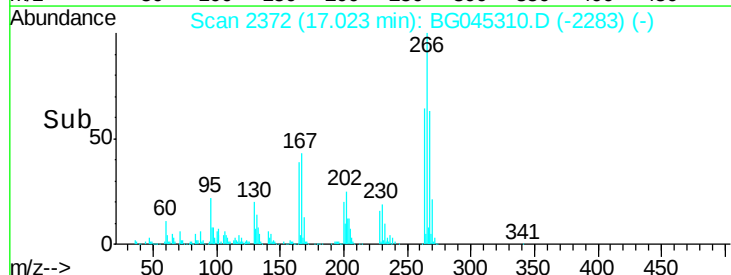
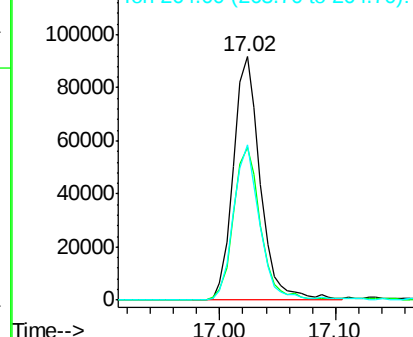


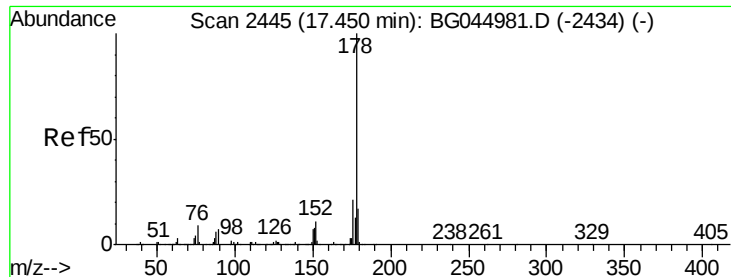
#70
Pentachlorophenol
Concen: 35.37 ng
RT: 17.02 min Scan# 2372
Delta R.T. -0.00 min
Lab File: BG045310.D
Acq: 12 May 2020 1:24

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	148363		
268	62.7	51.5	77.3	
264	63.7	52.2	78.4	



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





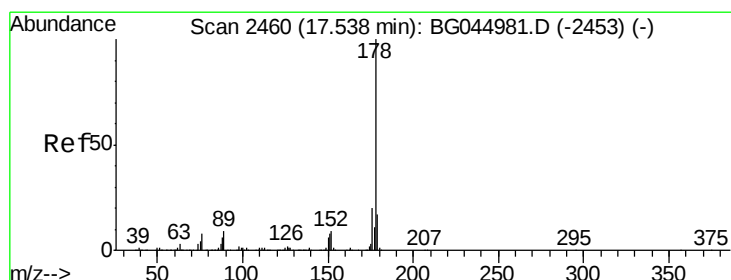
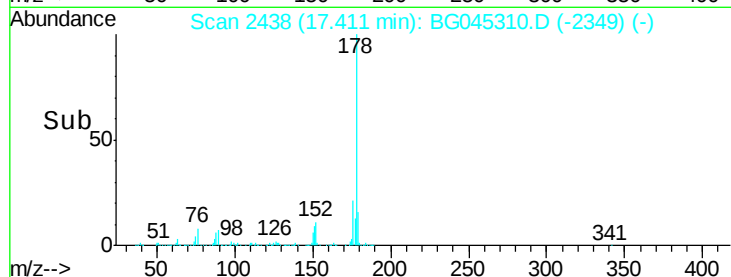
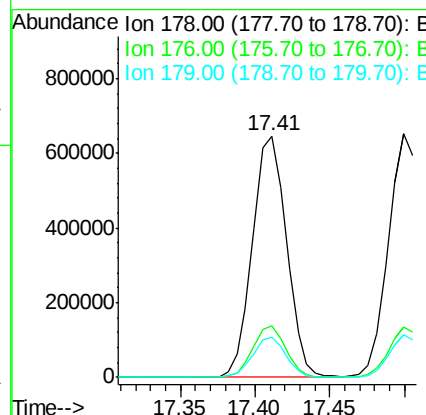
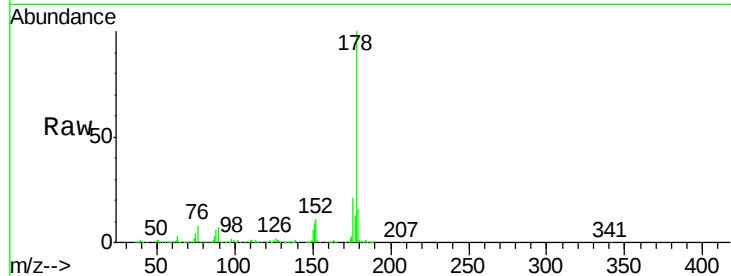
#71
Phenanthrene
Concen: 38.91 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BG045310.D
Acq: 12 May 2020 1:24

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 1021672
Ion Ratio Lower Upper
178 100
176 21.2 16.8 25.2
179 16.4 13.2 19.8

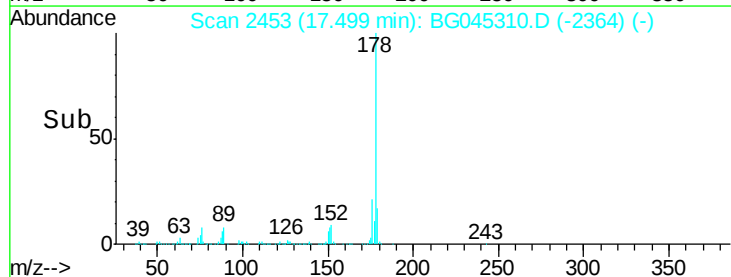
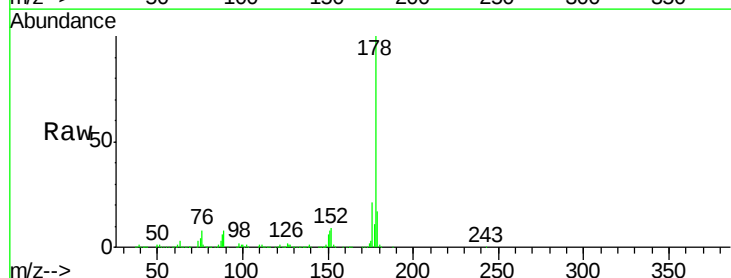
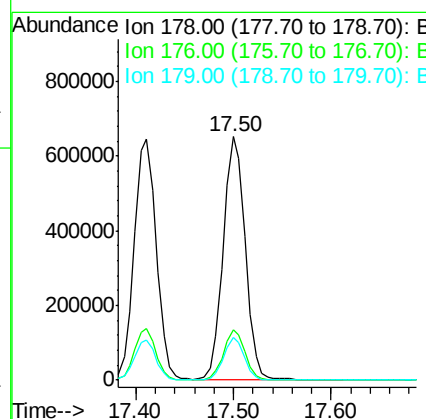
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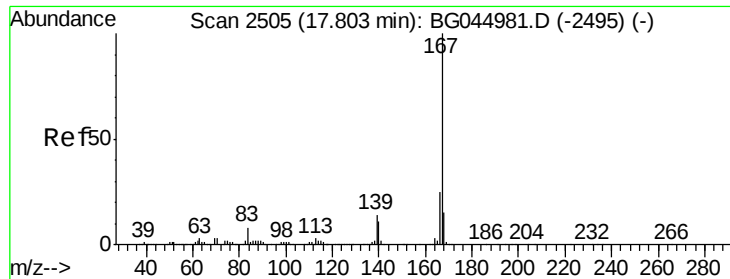
mohammad
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#72
Anthracene
Concen: 38.71 ng
RT: 17.50 min Scan# 2453
Delta R.T. -0.00 min
Lab File: BG045310.D
Acq: 12 May 2020 1:24

Tgt Ion:178 Resp: 1019704
Ion Ratio Lower Upper
178 100
176 20.6 16.0 24.0
179 17.4 13.6 20.4





#73

Carbazole

Concen: 37.39 ng

RT: 17.77 min Scan# 2499

Delta R.T. -0.00 min

Lab File: BG045310.D

Acq: 12 May 2020 1:24

Instrument :

BNA_G

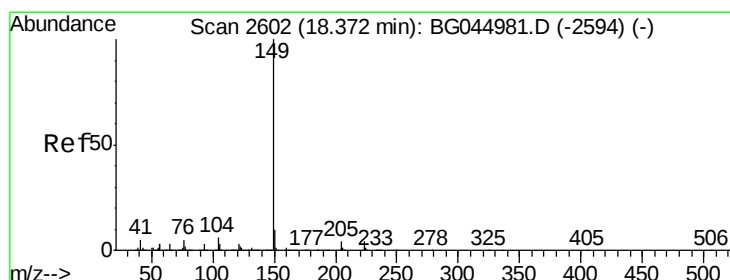
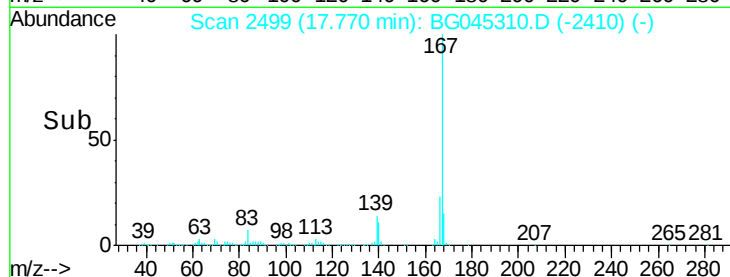
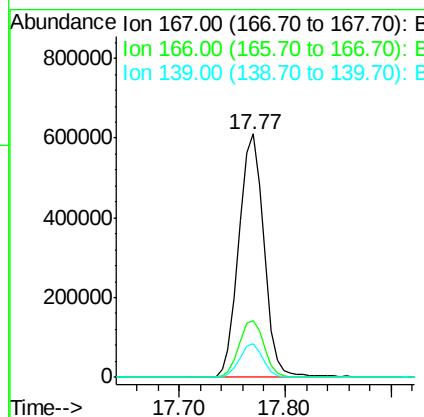
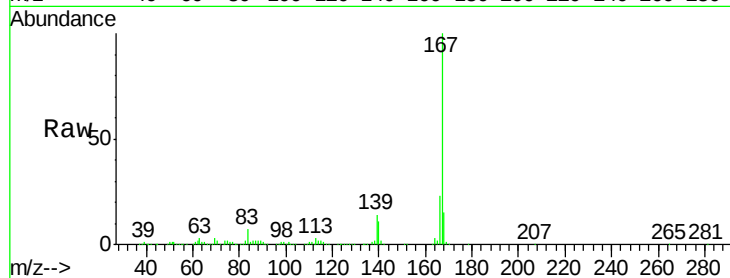
ClientSampleId :

SSTDCCC040

Tgt Ion:	167	Resp:	999399
Ion Ratio	Lower	Upper	
167	100		
166	23.4	19.8	29.6
139	13.9	10.9	16.3

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#74

Di-n-butylphthalate

Concen: 39.21 ng

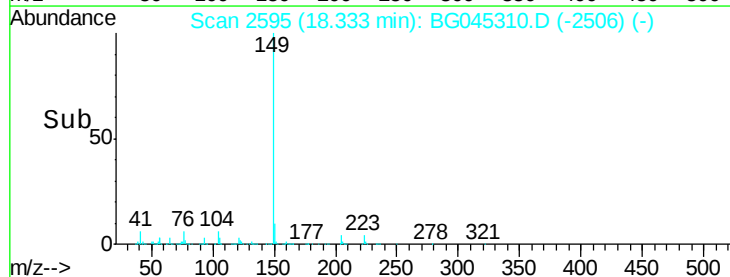
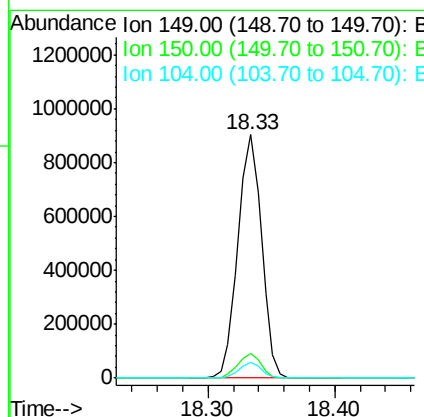
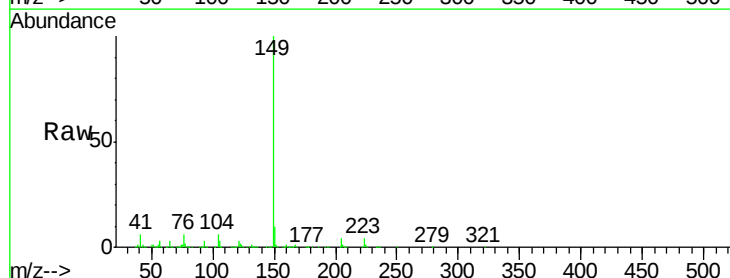
RT: 18.33 min Scan# 2595

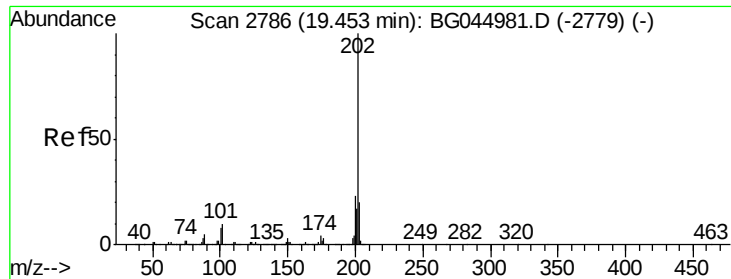
Delta R.T. -0.00 min

Lab File: BG045310.D

Acq: 12 May 2020 1:24

Tgt Ion:	149	Resp:	1163631
Ion Ratio	Lower	Upper	
149	100		
150	10.2	8.2	12.2
104	6.5	4.8	7.2





#75

Fluoranthene

Concen: 41.30 ng

RT: 19.42 min Scan# 2780

Delta R.T. -0.00 min

Lab File: BG045310.D

Acq: 12 May 2020 1:24

Instrument :

BNA_G

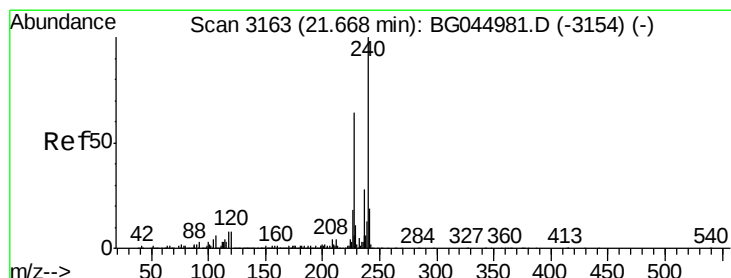
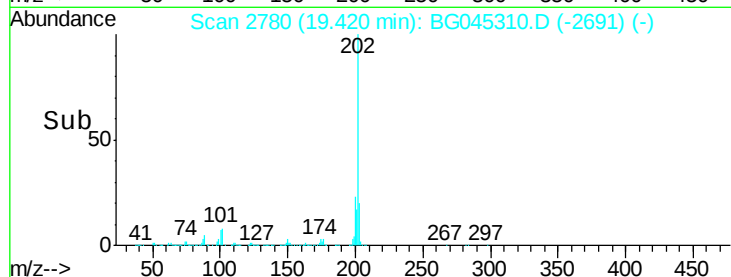
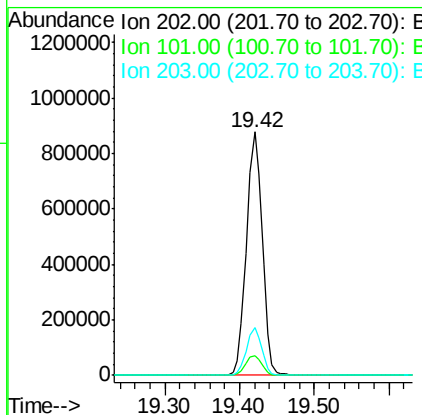
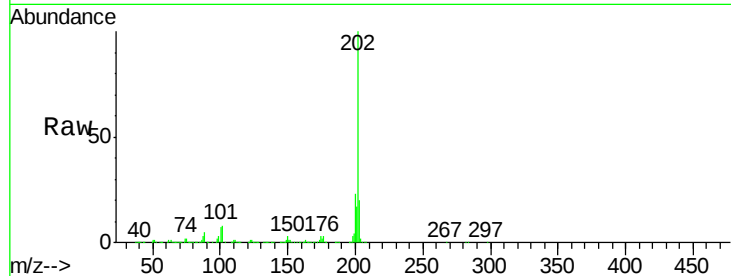
ClientSampleId :

SSTDCCC040

Tgt	Ion	202	Resp	1290319
Ion	Ratio	Lower	Upper	
202	100			
101	8.2	0.0	29.6	
203	19.6	0.0	39.7	

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#76

Chrysene-d12

Concen: 20.00 ng

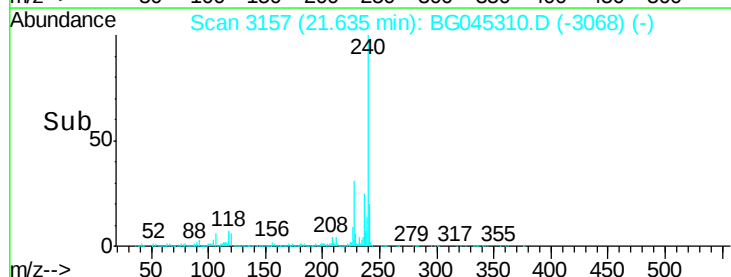
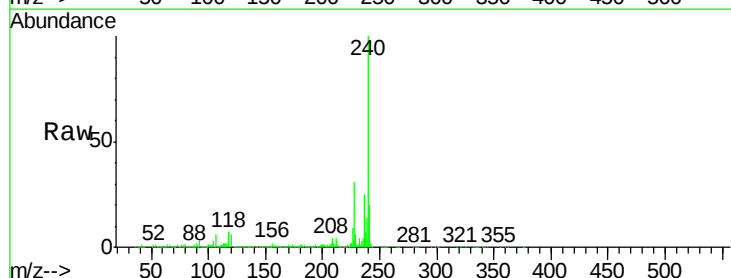
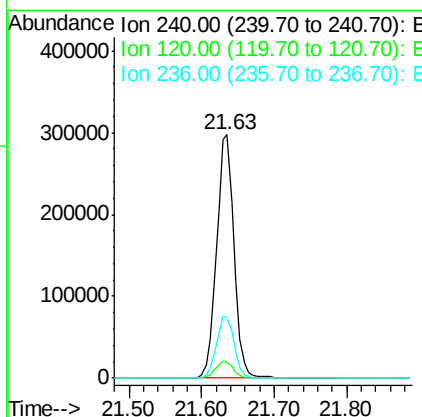
RT: 21.63 min Scan# 3157

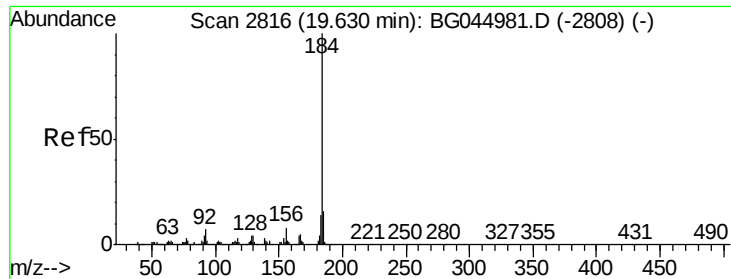
Delta R.T. -0.00 min

Lab File: BG045310.D

Acq: 12 May 2020 1:24

Tgt	Ion	240	Resp	494089
Ion	Ratio	Lower	Upper	
240	100			
120	6.5	6.6	10.0#	
236	25.1	22.2	33.2	





#77

Benzidine

Concen: 38.56 ng

RT: 19.60 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BG045310.D

Acq: 12 May 2020 1:24

Instrument :

BNA_G

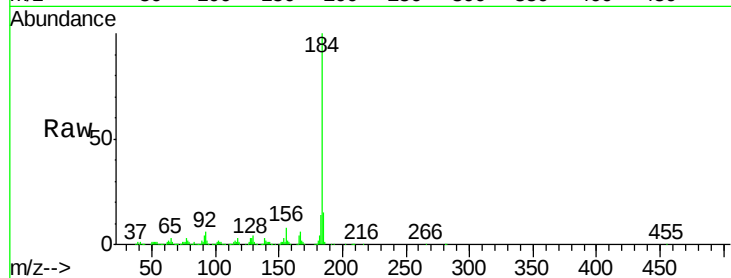
ClientSampleId :

SSTDCCC040

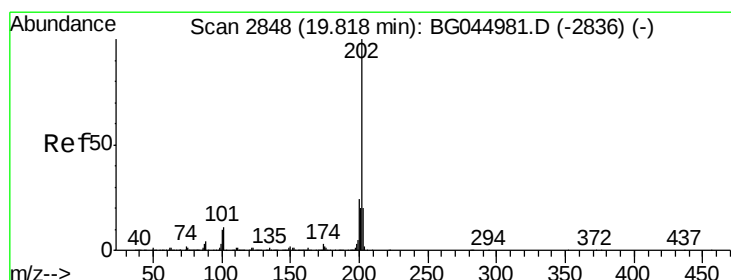
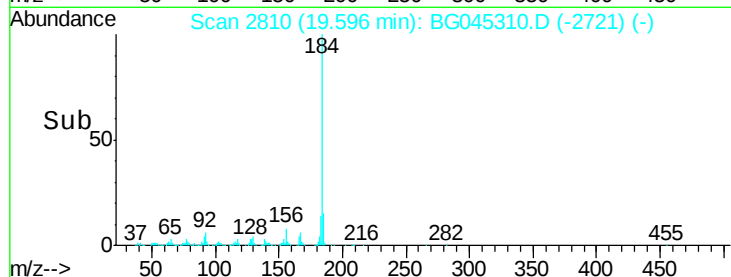
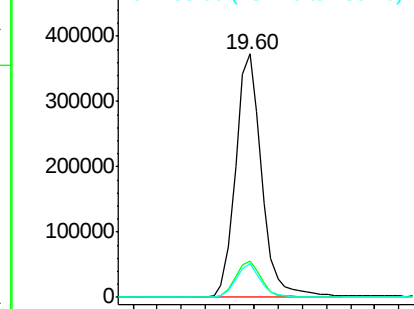
Tgt Ion:	184	Resp:	564014
Ion Ratio	Lower	Upper	
184	100		
185	15.0	12.6	19.0
183	13.6	11.3	16.9

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.90 ng

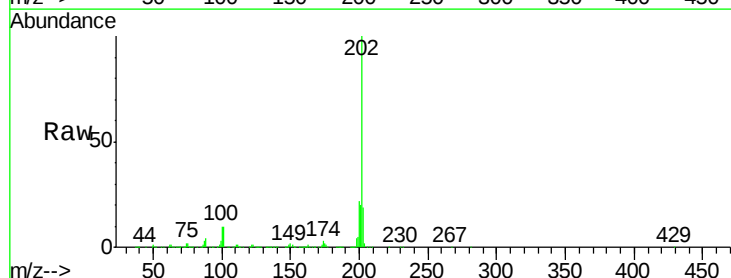
RT: 19.78 min Scan# 2841

Delta R.T. -0.00 min

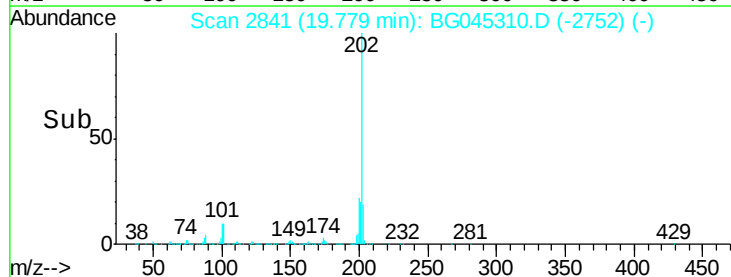
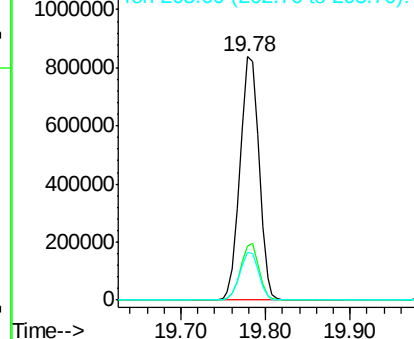
Lab File: BG045310.D

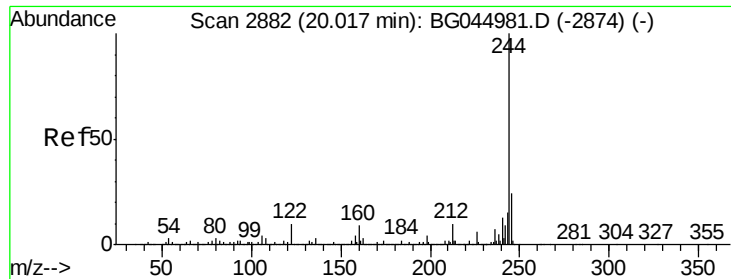
Acq: 12 May 2020 1:24

Tgt Ion:	202	Resp:	1290850
Ion Ratio	Lower	Upper	
202	100		
200	22.3	19.0	28.6
203	19.5	16.1	24.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





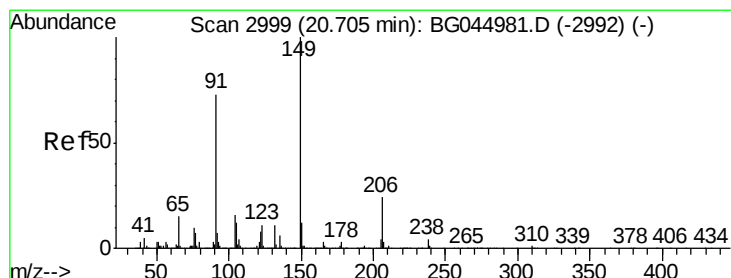
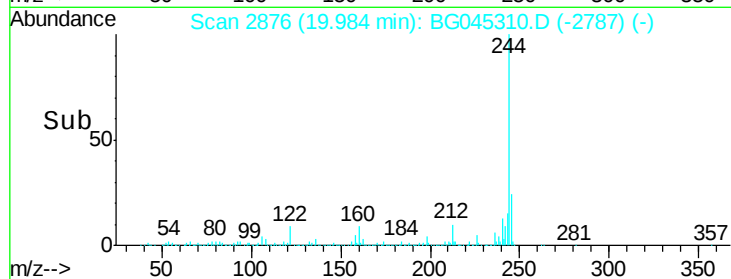
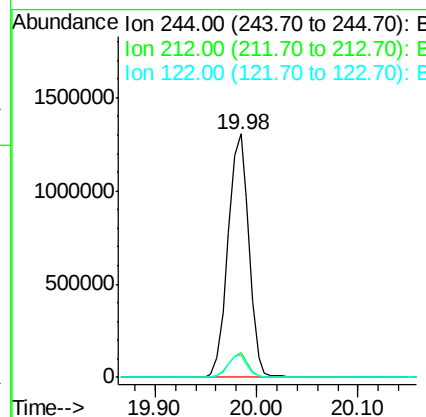
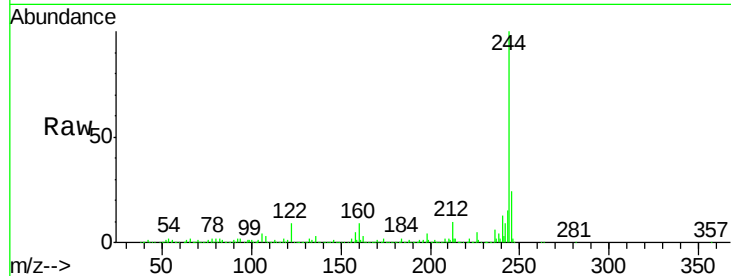
#79
 Terphenyl-d14
 Concen: 82.27 ng
 RT: 19.98 min Scan# 2876
 Delta R.T. -0.00 min
 Lab File: BG045310.D
 Acq: 12 May 2020 1:24

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion:244 Resp: 1864992
 Ion Ratio Lower Upper
 244 100
 212 10.0 7.9 11.9
 122 9.1 7.7 11.5

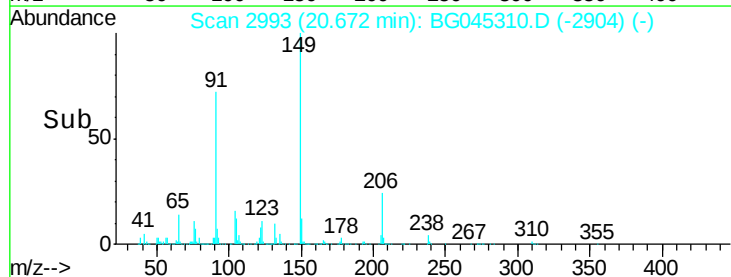
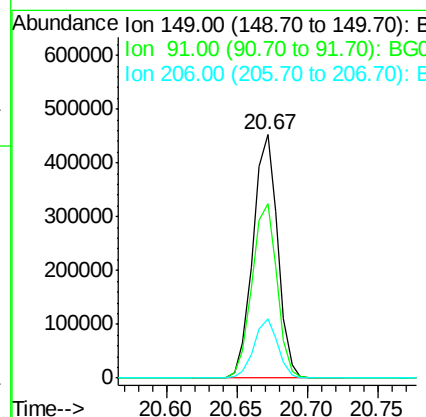
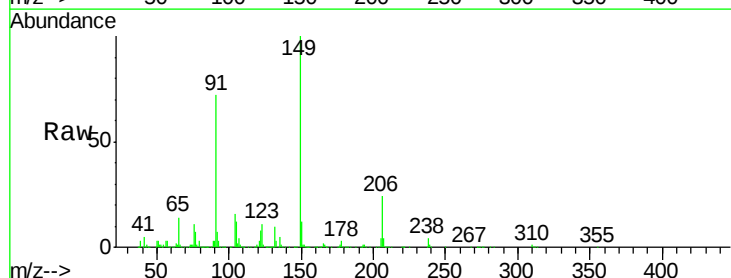
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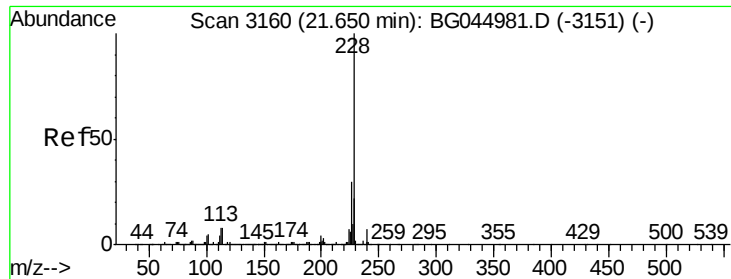
mohammad
 5/13/2020 8:15:19 AM



#80
 Butylbenzylphthalate
 Concen: 39.40 ng
 RT: 20.67 min Scan# 2993
 Delta R.T. -0.00 min
 Lab File: BG045310.D
 Acq: 12 May 2020 1:24

Tgt Ion:149 Resp: 556292
 Ion Ratio Lower Upper
 149 100
 91 71.6 58.5 87.7
 206 24.2 19.2 28.8





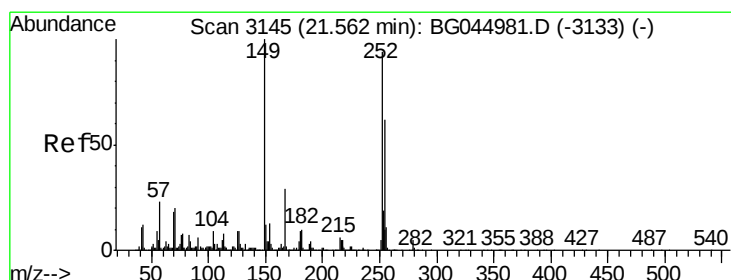
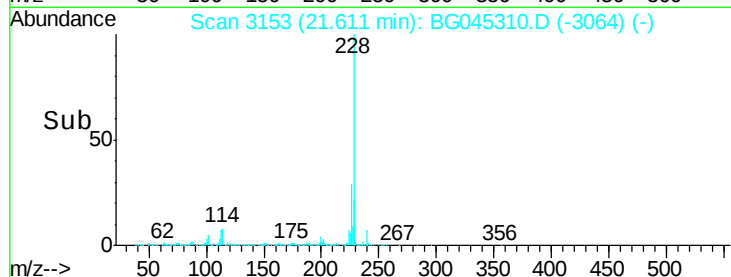
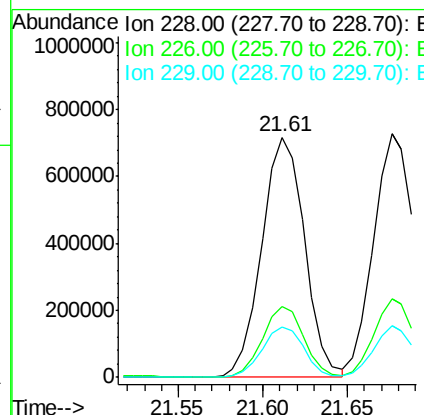
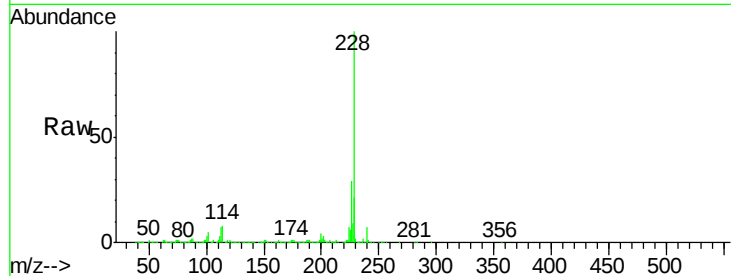
#81
Benzo(a)anthracene
Concen: 39.52 ng
RT: 21.61 min Scan# 3153
Delta R.T. -0.00 min
Lab File: BG045310.D
Acq: 12 May 2020 1:24

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.0	36.0
229	21.2	17.5	26.3

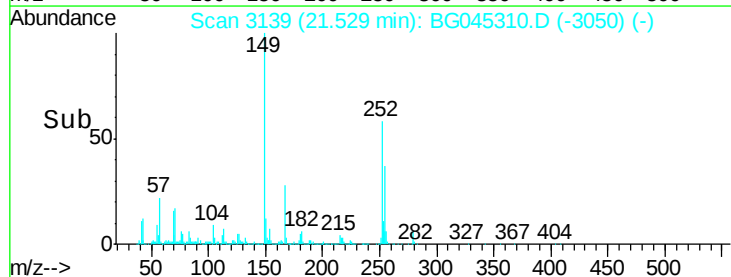
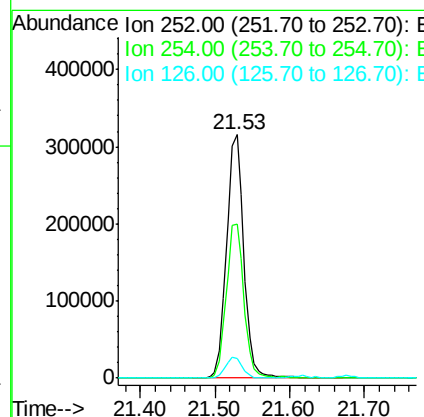
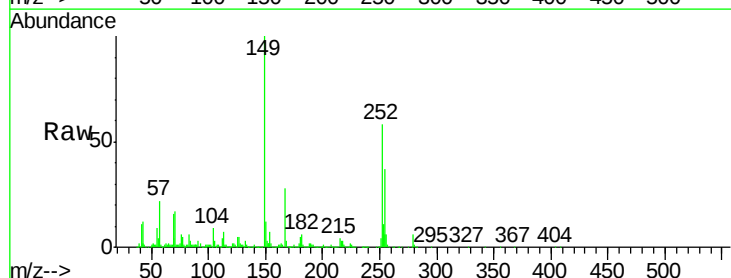
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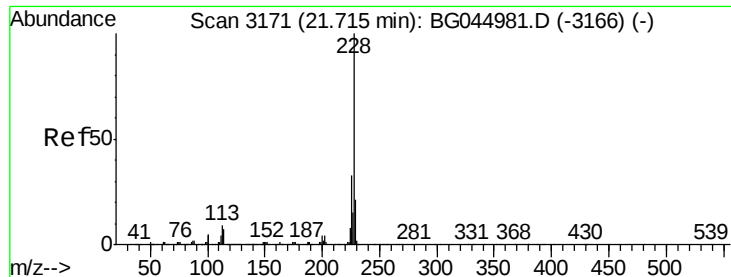
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 39.97 ng
RT: 21.53 min Scan# 3139
Delta R.T. -0.00 min
Lab File: BG045310.D
Acq: 12 May 2020 1:24

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.3	52.6	79.0
126	7.9	7.5	11.3





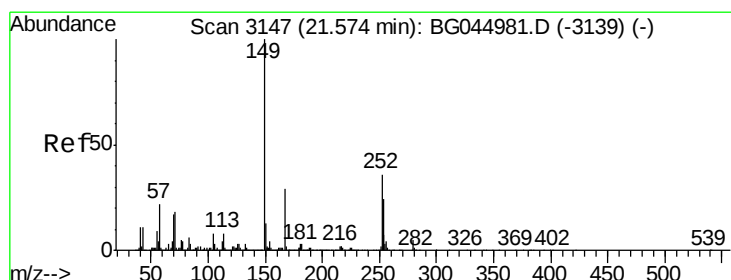
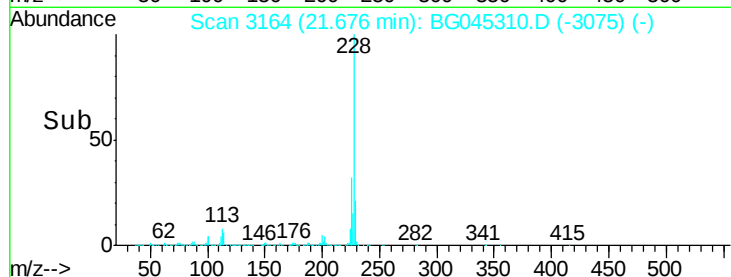
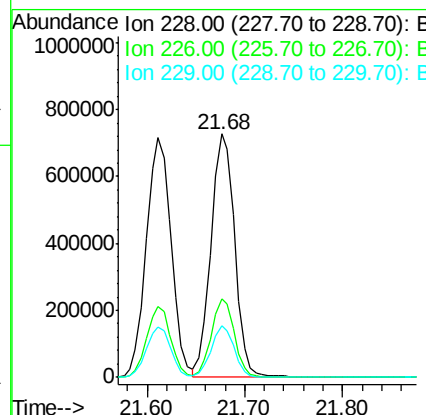
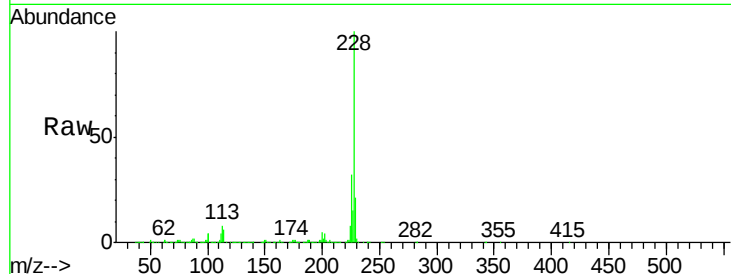
#83
Chrysene
 Concen: 39.67 ng
 RT: 21.68 min Scan# 3164
 Delta R.T. -0.00 min
 Lab File: BG045310.D
 Acq: 12 May 2020 1:24

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	228	Resp:	1220525
Ion Ratio	Lower	Upper	
228	100		
226	32.2	26.2	39.4
229	21.2	17.0	25.6

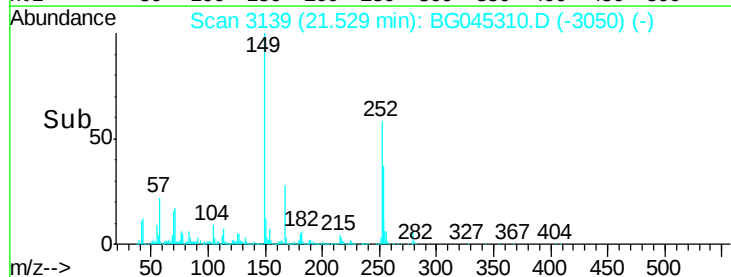
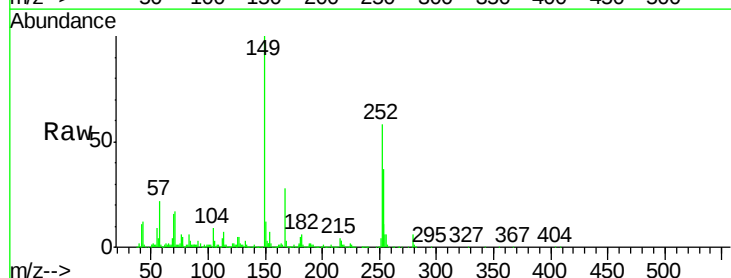
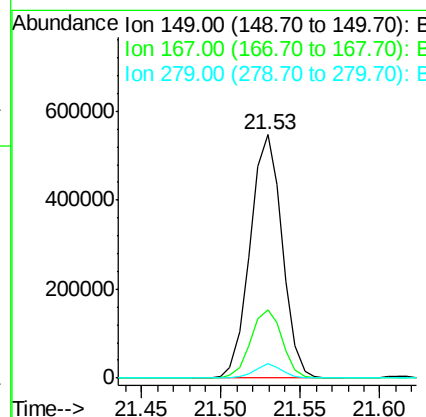
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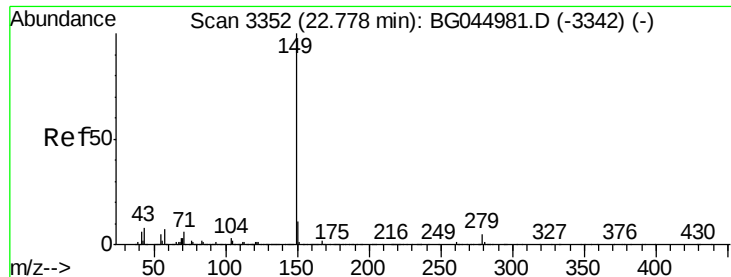
mohammad
 5/13/2020 8:15:19 AM



#84
Bis(2-ethylhexyl)phthalate
 Concen: 39.41 ng
 RT: 21.53 min Scan# 3139
 Delta R.T. -0.00 min
 Lab File: BG045310.D
 Acq: 12 May 2020 1:24

Tgt Ion:	149	Resp:	765208
Ion Ratio	Lower	Upper	
149	100		
167	28.1	23.4	35.0
279	5.9	4.3	6.5





#85

Di-n-octyl phthalate

Concen: 39.82 ng

RT: 22.72 min Scan# 3342

Delta R.T. -0.01 min

Lab File: BG045310.D

Acq: 12 May 2020 1:24

Instrument :

BNA_G

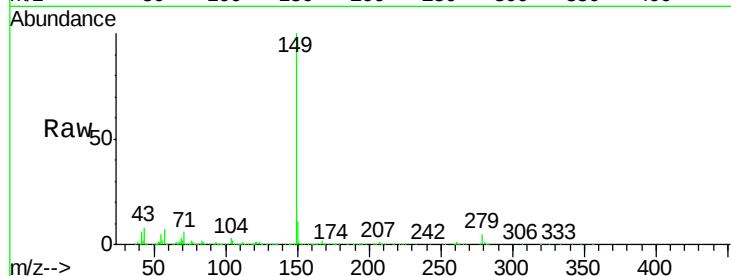
ClientSampleId :

SSTDCCC040

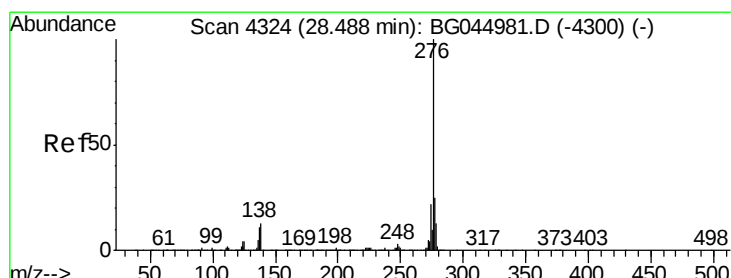
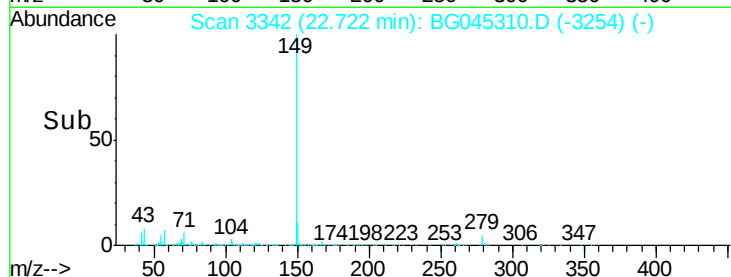
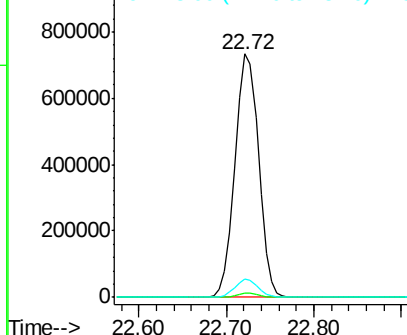
Tgt Ion:	149	Resp:	1337115
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.4	2.2
43	7.5	5.7	8.5

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
1000000
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.80 ng

RT: 28.40 min Scan# 4308

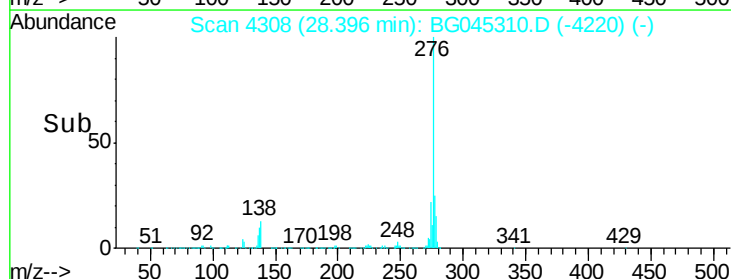
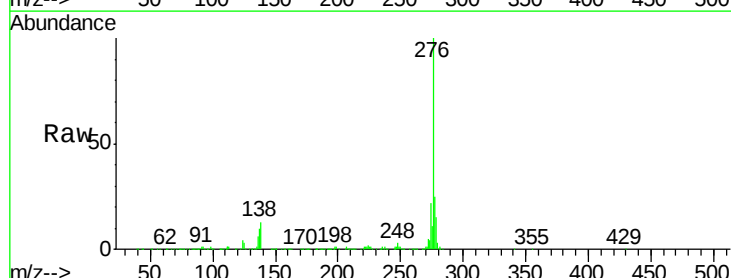
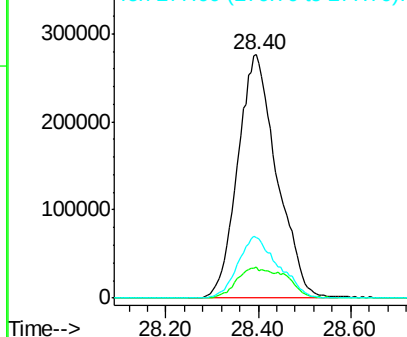
Delta R.T. -0.01 min

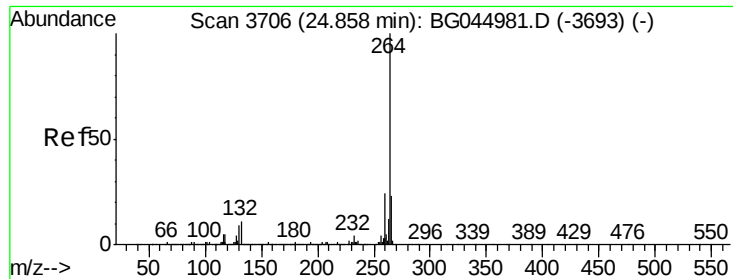
Lab File: BG045310.D

Acq: 12 May 2020 1:24

Tgt Ion:	276	Resp:	1625709
Ion Ratio	Lower	Upper	
276	100		
138	11.2	9.6	14.4
277	26.1	20.6	31.0

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





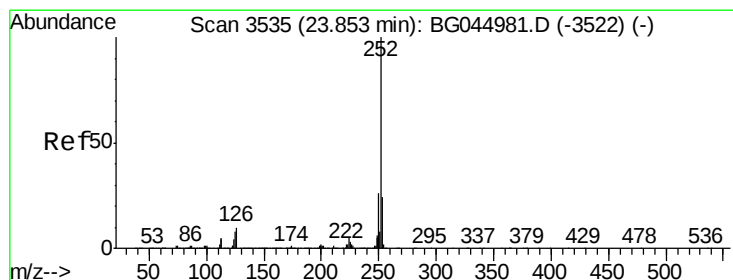
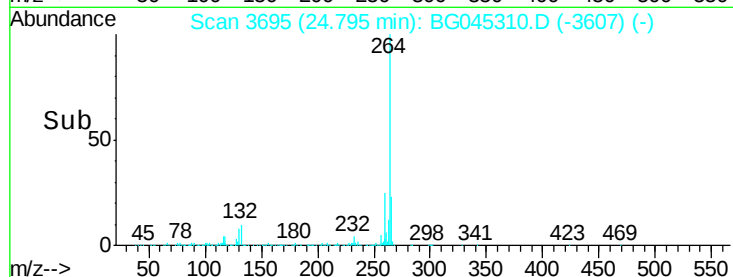
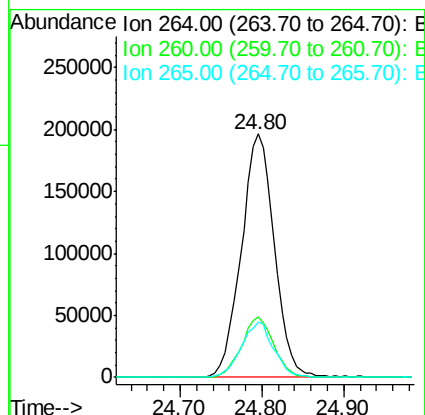
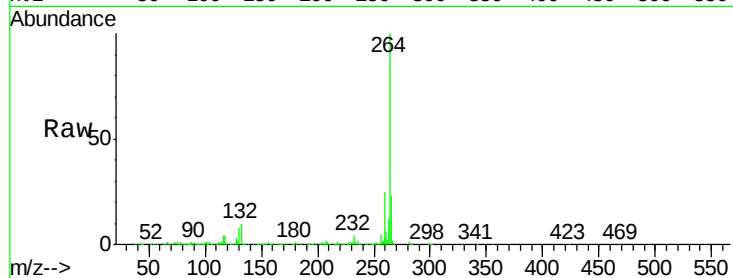
#87
Perylene-d12
Concen: 20.00 ng
RT: 24.80 min Scan# 3695
Delta R.T. -0.01 min
Lab File: BG045310.D
Acq: 12 May 2020 1:24

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	22.7	19.0	28.4

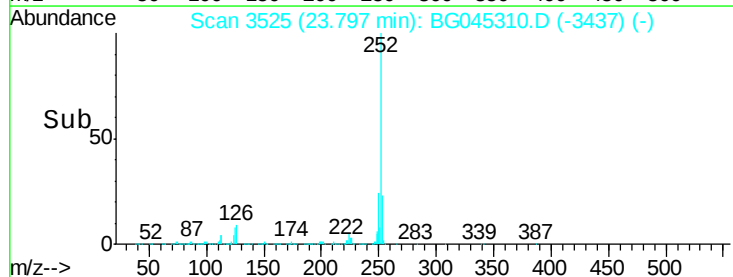
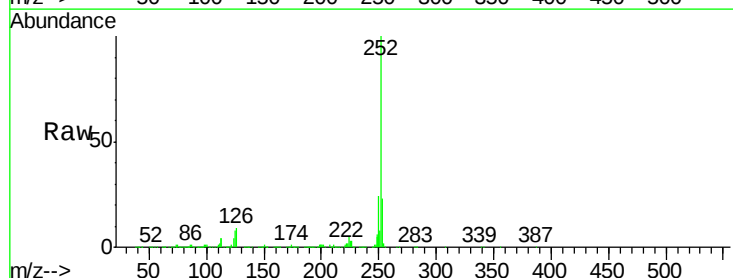
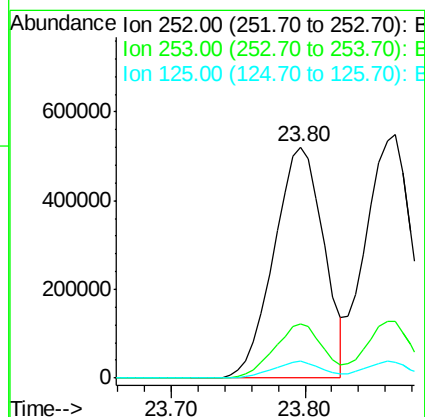
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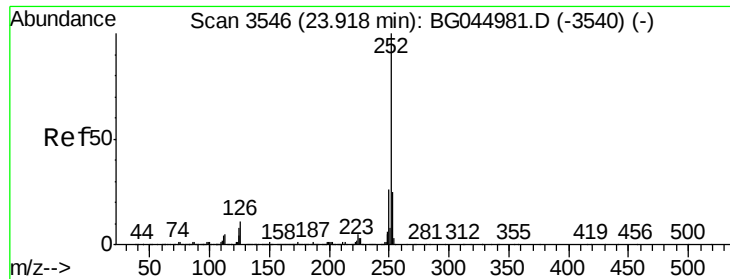
mohammad
5/13/2020 8:15:19 AM



#88
Benzo(b)fluoranthene
Concen: 38.97 ng
RT: 23.80 min Scan# 3525
Delta R.T. -0.01 min
Lab File: BG045310.D
Acq: 12 May 2020 1:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.8	28.2
125	7.5	6.2	9.4





#89

Benzo(k)fluoranthene

Concen: 40.40 ng

RT: 23.87 min Scan# 3537

Delta R.T. -0.00 min

Lab File: BG045310.D

Acq: 12 May 2020 1:24

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:252 Resp: 1326776

Ion Ratio Lower Upper

252 100

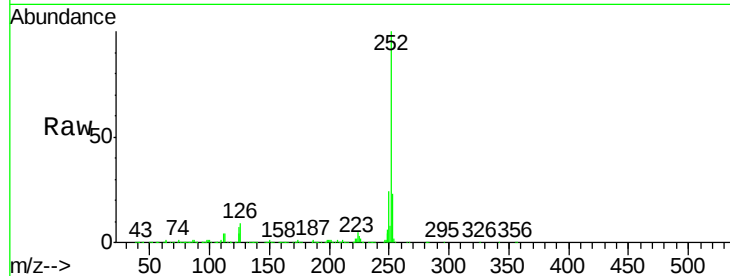
253 23.3 19.2 28.8

125 6.7 5.9 8.9

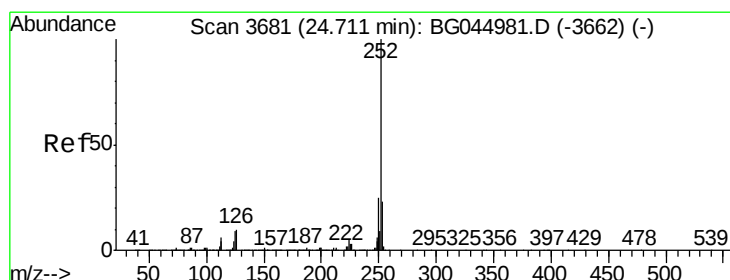
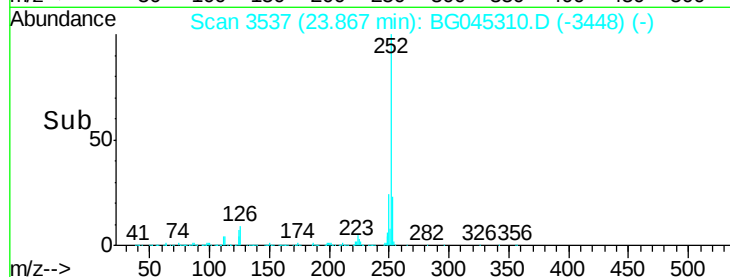
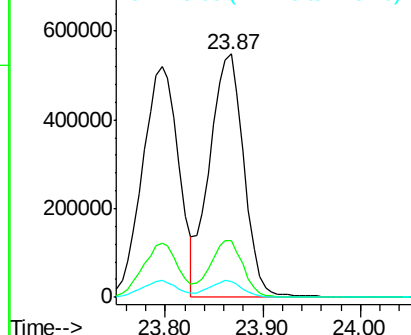
Manual Integrations
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 39.70 ng

RT: 24.65 min Scan# 3670

Delta R.T. -0.01 min

Lab File: BG045310.D

Acq: 12 May 2020 1:24

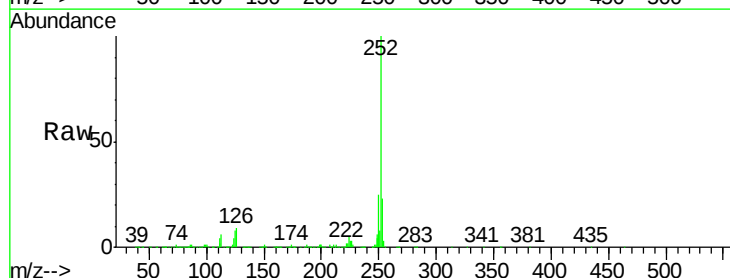
Tgt Ion:252 Resp: 1294499

Ion Ratio Lower Upper

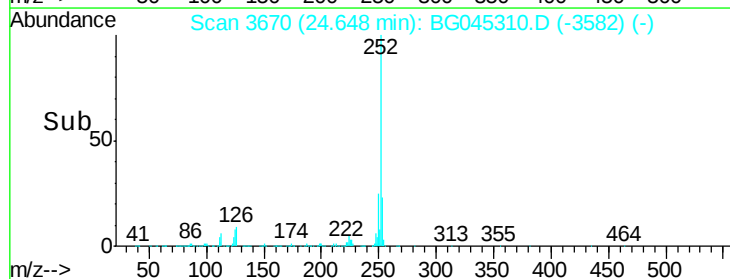
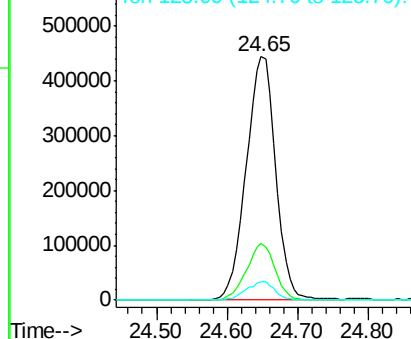
252 100

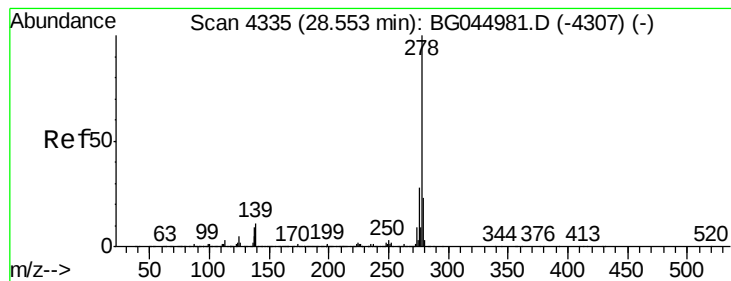
253 23.3 18.3 27.5

125 7.5 7.0 10.6



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: 39.83 ng

RT: 28.46 min Scan# 4318

Delta R.T. -0.01 min

Lab File: BG045310.D

Acq: 12 May 2020 1:24

Instrument :

BNA_G

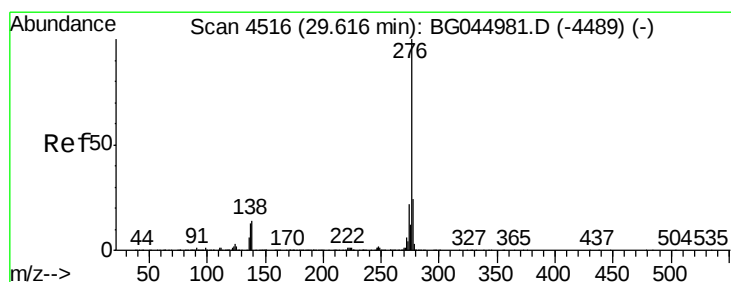
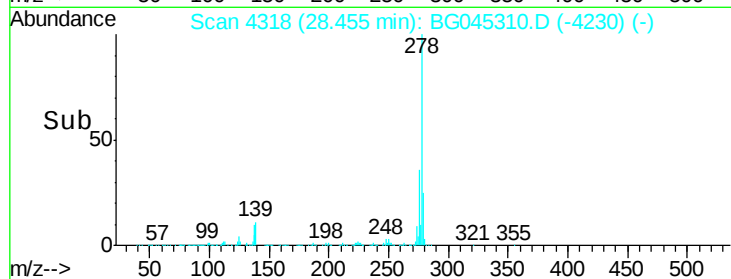
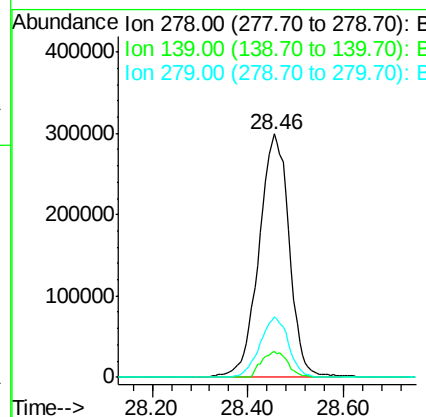
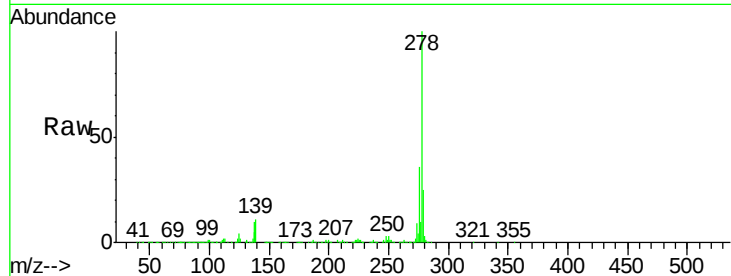
ClientSampleId :

SSTDCCC040

Tgt Ion:	278	Resp:	1308507
Ion	Ratio	Lower	Upper
278	100		
139	10.8	9.0	13.6
279	25.0	18.4	27.6

Manual Integrations
APPROVED

mohammad
5/13/2020 8:15:19 AM



#92

Benzo(g,h,i)perylene

Concen: 39.22 ng

RT: 29.52 min Scan# 4499

Delta R.T. -0.01 min

Lab File: BG045310.D

Acq: 12 May 2020 1:24

Tgt Ion:	276	Resp:	1291721
Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.3	28.9
138	13.7	11.4	17.2

