

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG052020\
 Data File : BG045433.D
 Acq On : 20 May 2020 10:55
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 5/21/2020 10:23:16 AM

Quant Time: May 20 14:44:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 19 12:10:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	83780	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	350421	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	265307	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	631946	20.00	ng	0.00
76) Chrysene-d12	21.62	240	566009	20.00	ng	0.00
87) Perylene-d12	24.77	264	625589	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	350335	81.72	ng	0.00
7) Phenol-d6	7.19	99	513421	84.14	ng	-0.01
23) Nitrobenzene-d5	9.12	82	507324	78.95	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	266980	78.69	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	1199562	76.69	ng	0.00
79) Terphenyl-d14	19.97	244	1955233	80.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.41	88	80580	37.90	ng	97
3) Pyridine	3.81	79	235717	39.81	ng	98
4) n-Nitrosodimethylamine	3.72	42	72182	37.26	ng	93
6) Aniline	7.29	93	329321	41.35	ng	99
8) 2-Chlorophenol	7.55	128	193763	41.22	ng	98
9) Benzaldehyde	7.10	77	165559	41.65	ng	95
10) Phenol	7.21	94	263961	41.97	ng	97
11) bis(2-Chloroethyl)ether	7.38	93	208634	42.53	ng	99
12) 1,3-Dichlorobenzene	7.85	146	228690	40.48	ng	97
13) 1,4-Dichlorobenzene	7.99	146	228886	41.05	ng	94
14) 1,2-Dichlorobenzene	8.32	146	223086	41.60	ng	97
15) Benzyl Alcohol	8.22	79	214202	42.50	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.49	45	191949	41.23	ng	97
17) 2-Methylphenol	8.45	107	202441	43.01	ng	95
18) Hexachloroethane	9.05	117	87434	40.95	ng	93
19) n-Nitroso-di-n-propylamine	8.77	70	185333	43.92	ng	98
20) 3+4-Methylphenols	8.78	107	272972	42.59	ng	# 56
22) Acetophenone	8.78	105	341002	41.06	ng	94
24) Nitrobenzene	9.17	77	271033	39.37	ng	99
25) Isophorone	9.69	82	524562	41.45	ng	97
26) 2-Nitrophenol	9.88	139	122574	41.62	ng	# 87
27) 2,4-Dimethylphenol	9.97	122	186321	42.65	ng	99
28) bis(2-Chloroethoxy)methane	10.17	93	282797	42.61	ng	97
29) 2,4-Dichlorophenol	10.45	162	215379	41.75	ng	98
30) 1,2,4-Trichlorobenzene	10.63	180	247462	40.60	ng	99
31) Naphthalene	10.82	128	664765	40.71	ng	99
32) Benzoic acid	10.16	122	151084	50.26	ng	94
33) 4-Chloroaniline	10.94	127	297663	43.61	ng	97
34) Hexachlorobutadiene	11.11	225	170193	39.50	ng	97
35) Caprolactam	11.71	113	80334	42.43	ng	93
36) 4-Chloro-3-methylphenol	12.11	107	249586	42.94	ng	97
37) 2-Methylnaphthalene	12.43	142	506476	41.61	ng	96
38) 1-Methylnaphthalene	12.65	142	474544	41.28	ng	94
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	279806	37.76	ng	100

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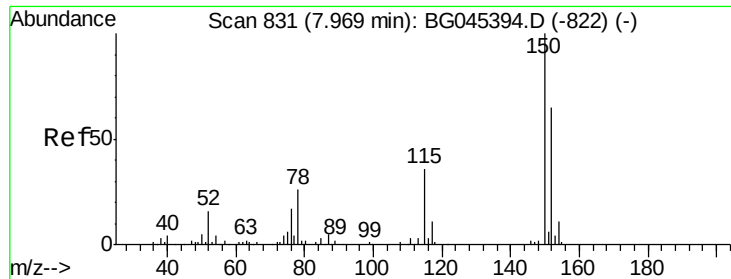
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	164542	38.47	ng	97
43) 2,4,6-Trichlorophenol	13.06	196	203004	39.44	ng	96
44) 2,4,5-Trichlorophenol	13.15	196	234755	39.91	ng	98
46) 1,1'-Biphenyl	13.44	154	636033	39.02	ng	99
47) 2-Chloronaphthalene	13.48	162	518203	39.15	ng	99
48) 2-Nitroaniline	13.69	65	169290	38.88	ng	88
49) Acenaphthylene	14.33	152	838416	39.43	ng	99
50) Dimethylphthalate	14.06	163	716963	39.39	ng	99
51) 2,6-Dinitrotoluene	14.18	165	163089	39.71	ng	93
52) Acenaphthene	14.67	154	500811	35.19	ng	98
53) 3-Nitroaniline	14.52	138	169406	40.58	ng	91
54) 2,4-Dinitrophenol	14.72	184	90306	36.74	ng	94
55) Dibenzofuran	15.01	168	833171	39.42	ng	98
56) 4-Nitrophenol	14.90	139	125033	39.56	ng	98
57) 2,4-Dinitrotoluene	14.97	165	236202	39.71	ng	99
58) Fluorene	15.66	166	687202	39.57	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.25	232	205943	39.79	ng	96
60) Diethylphthalate	15.43	149	738540	38.99	ng	99
61) 4-Chlorophenyl-phenylether	15.65	204	393780	39.63	ng	99
62) 4-Nitroaniline	15.69	138	176406	40.48	ng	90
63) Azobenzene	15.94	77	682397	38.63	ng	98
65) 4,6-Dinitro-2-methylphenol	15.74	198	138741	37.70	ng	94
66) n-Nitrosodiphenylamine	15.87	169	604670	39.85	ng	98
67) 4-Bromophenyl-phenylether	16.54	248	276757	40.44	ng	95
68) Hexachlorobenzene	16.67	284	290826	40.63	ng	97
69) Atrazine	16.82	200	246559	39.45	ng	97
70) Pentachlorophenol	17.02	266	126226	33.97	ng	98
71) Phenanthrene	17.40	178	1098427	39.82	ng	99
72) Anthracene	17.49	178	1107877	39.99	ng	98
73) Carbazole	17.76	167	1067490	39.53	ng	99
74) Di-n-butylphthalate	18.32	149	1251720	38.62	ng	98
75) Fluoranthene	19.41	202	1338767	38.15	ng	98
77) Benzidine	19.59	184	582184	36.62	ng	98
78) Pyrene	19.77	202	1349076	41.81	ng	99
80) Butylbenzylphthalate	20.65	149	577525	41.47	ng	99
81) Benzo(a)anthracene	21.59	228	1277706	40.52	ng	99
82) 3,3'-Dichlorobenzidine	21.51	252	489153	39.55	ng	99
83) Chrysene	21.66	228	1227602	40.49	ng	98
84) Bis(2-ethylhexyl)phthalate	21.51	149	774724	40.47	ng	98
85) Di-n-octyl phthalate	22.70	149	1318994	40.12	ng	100
86) Indeno(1,2,3-cd)pyrene	28.35	276	1564595	39.46	ng	# 95
88) Benzo(b)fluoranthene	23.77	252	1355535m	40.40	ng	
89) Benzo(k)fluoranthene	23.84	252	1285115	40.77	ng	99
90) Benzo(a)pyrene	24.62	252	1272680	40.73	ng	# 97
91) Dibenzo(a,h)anthracene	28.41	278	1258874	40.09	ng	98
92) Benzo(g,h,i)perylene	29.47	276	1242376	39.56	ng	97

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



#1

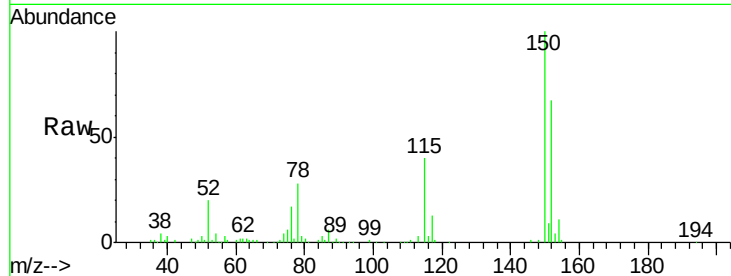
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BG045433.D
Acq: 20 May 2020 10:55

Instrument :
BNA_G
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SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
152	100		
150	149.6	122.4	183.6
115	59.1	44.2	66.4

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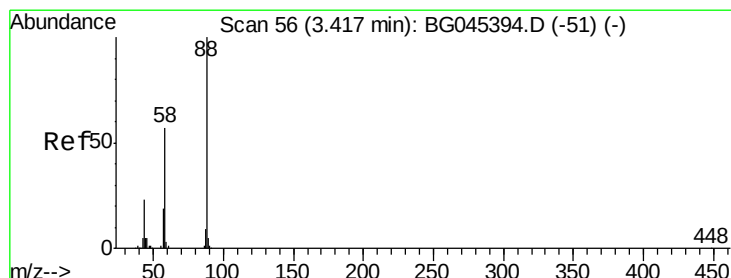
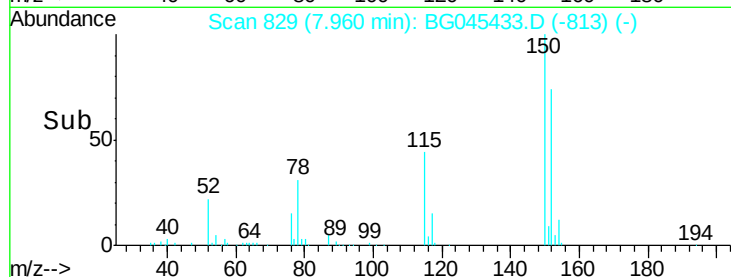
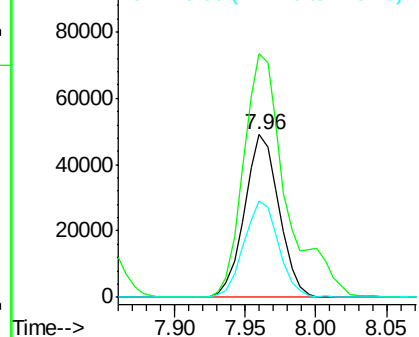


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

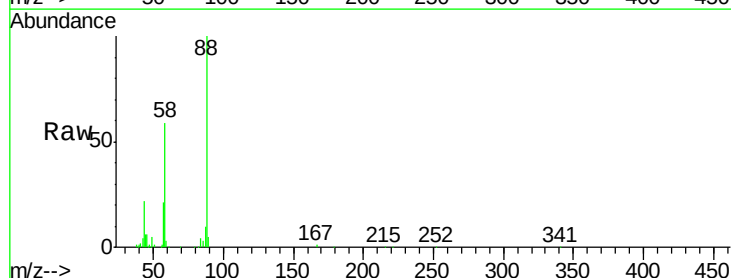
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.90 ng
RT: 3.41 min Scan# 54
Delta R.T. -0.01 min
Lab File: BG045433.D
Acq: 20 May 2020 10:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	60.0	45.7	68.5
43	21.7	16.8	25.2

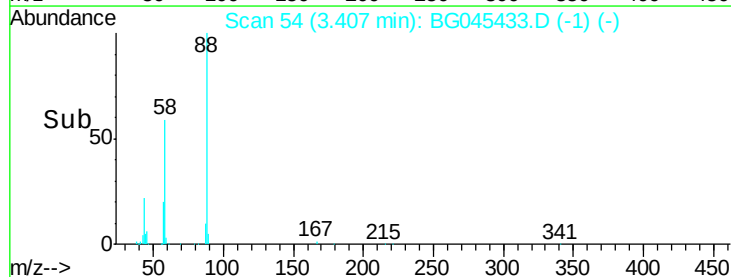
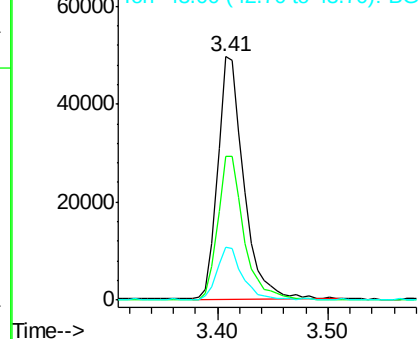


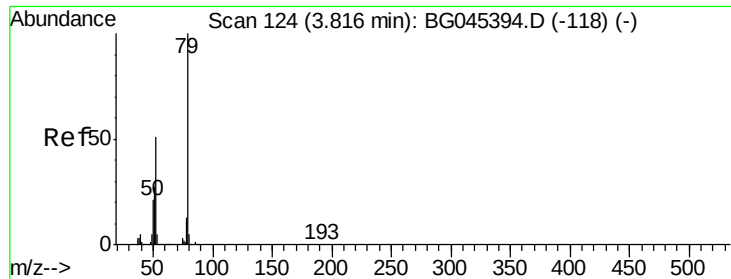
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 39.81 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.00 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

Instrument :

BNA_G

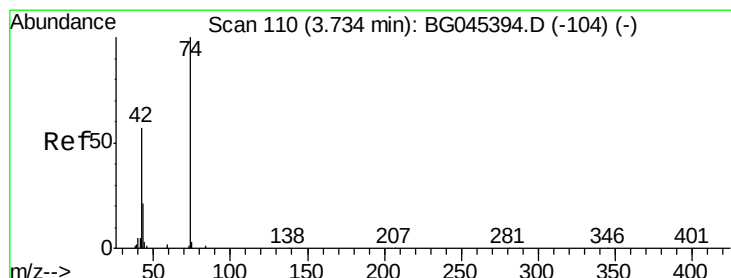
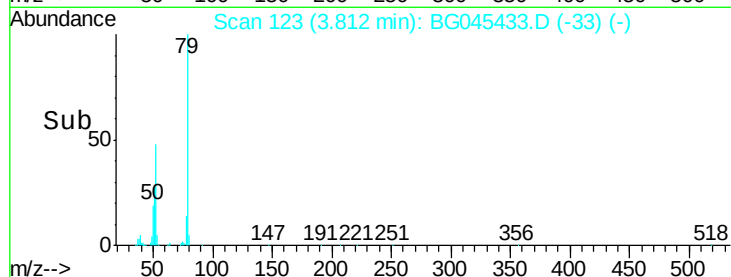
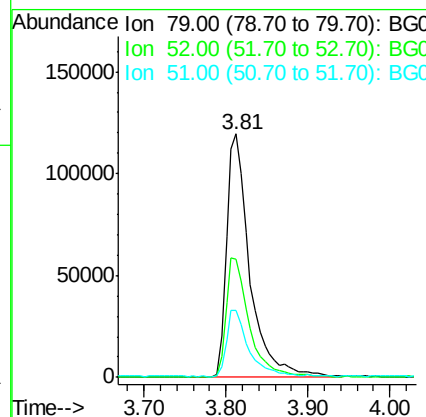
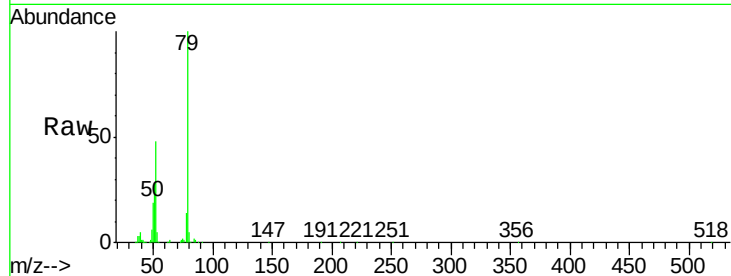
ClientSampleId :

SSTDCCC040

Tgt Ion:	79	Resp:	235717
Ion	Ratio	Lower	Upper
79	100		
52	48.4	40.8	61.2
51	27.6	21.9	32.9

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#4

n-Nitrosodimethylamine

Concen: 37.26 ng

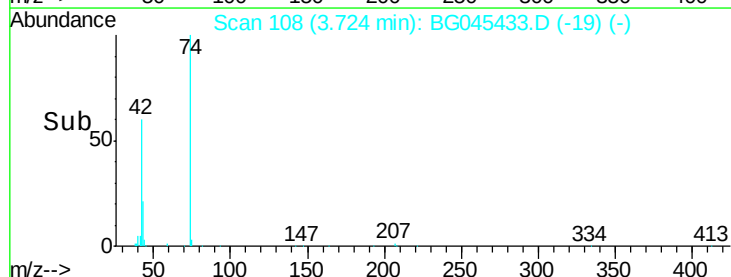
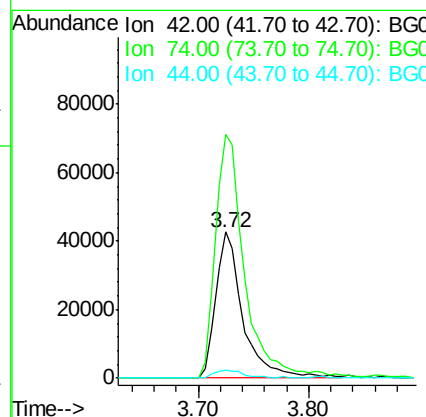
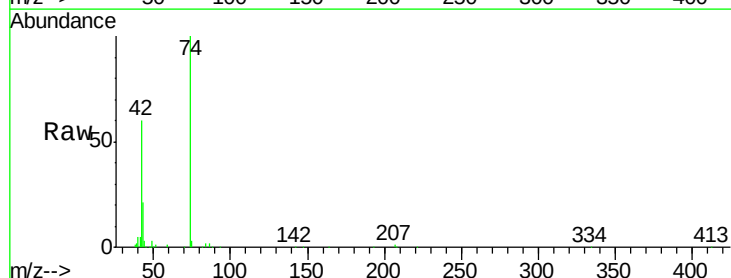
RT: 3.72 min Scan# 108

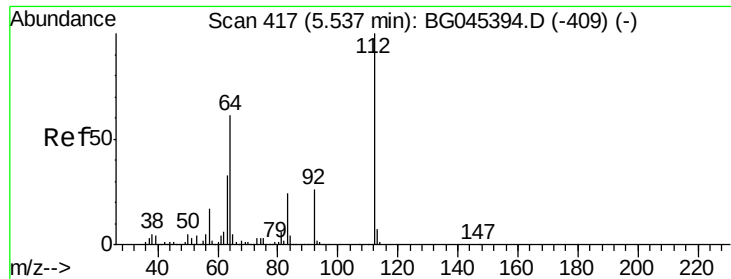
Delta R.T. -0.01 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

Tgt Ion:	42	Resp:	72182
Ion	Ratio	Lower	Upper
42	100		
74	166.8	141.3	211.9
44	5.3	4.2	6.4





#5

2-Fluorophenol

Concen: 81.72 ng

RT: 5.57 min Scan# 422

Delta R.T. -0.01 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

Instrument :

BNA_G

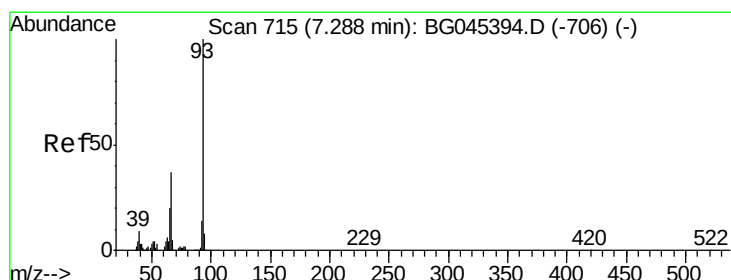
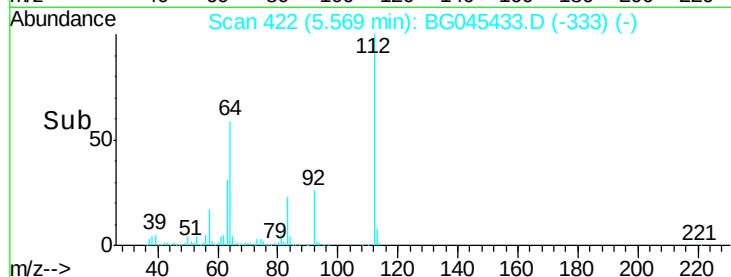
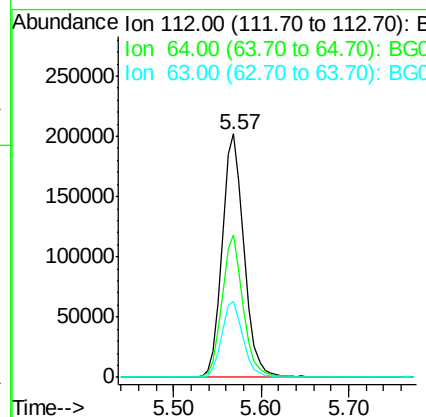
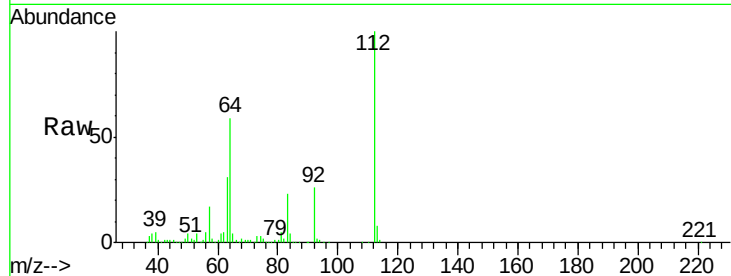
ClientSampleId :

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Tgt Ion:	112	Resp:	350335
Ion Ratio	Lower	Upper	
112	100		
64	58.6	48.6	72.8
63	31.3	26.5	39.7

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#6

Aniline

Concen: 41.35 ng

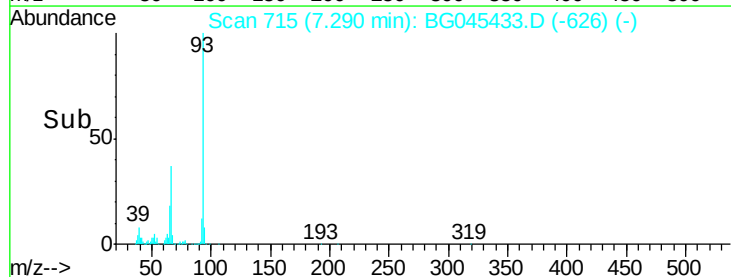
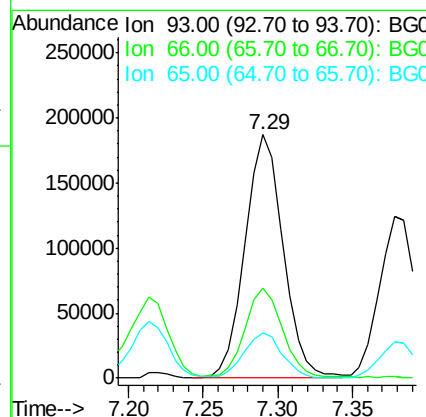
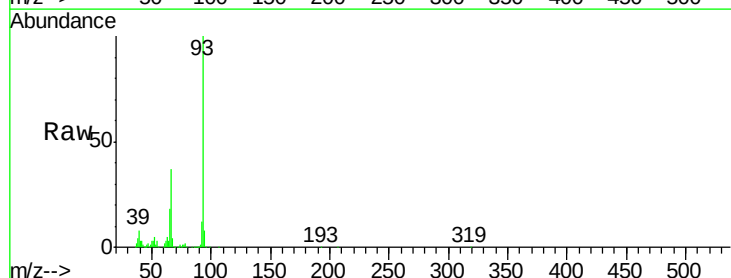
RT: 7.29 min Scan# 715

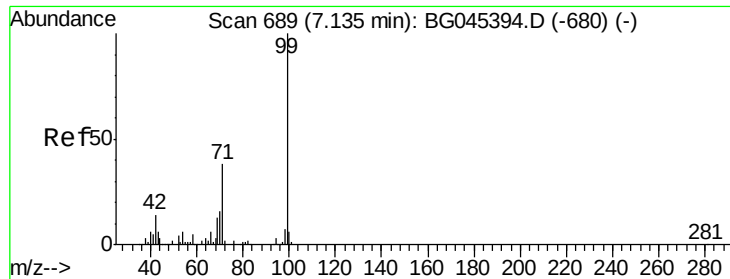
Delta R.T. -0.01 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

Tgt Ion:	93	Resp:	329321
Ion Ratio	Lower	Upper	
93	100		
66	37.0	29.6	44.4
65	18.4	15.9	23.9





#7

Phenol-d6

Concen: 84.14 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

Instrument :

BNA_G

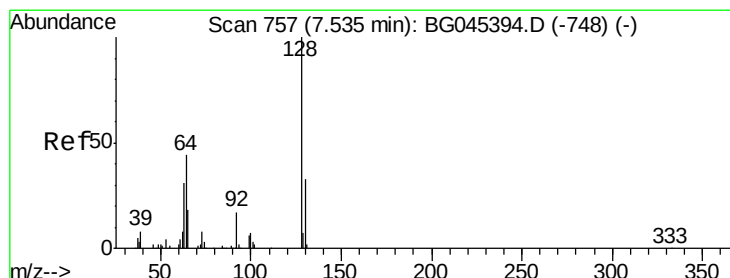
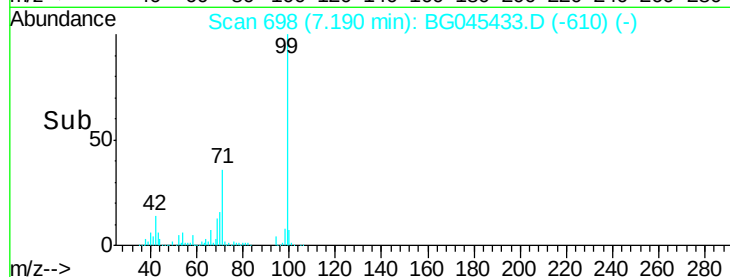
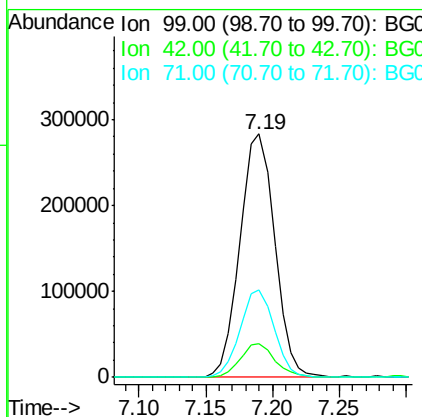
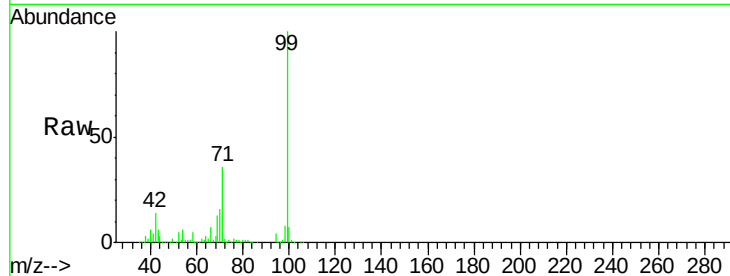
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Tgt Ion:	99	Resp:	513421
Ion Ratio	Lower	Upper	
99	100		
42	13.9	11.3	16.9
71	36.0	30.8	46.2

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#8

2-Chlorophenol

Concen: 41.22 ng

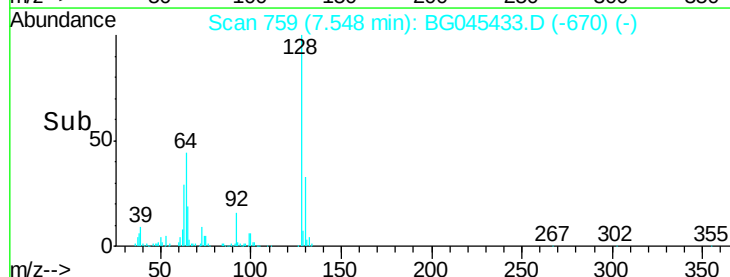
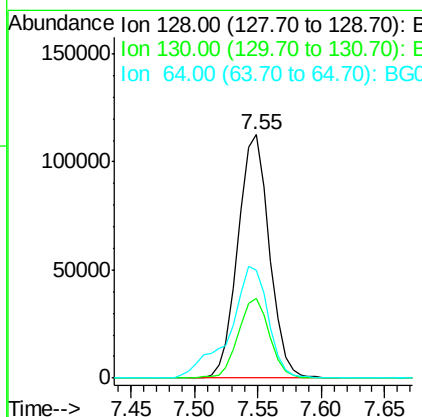
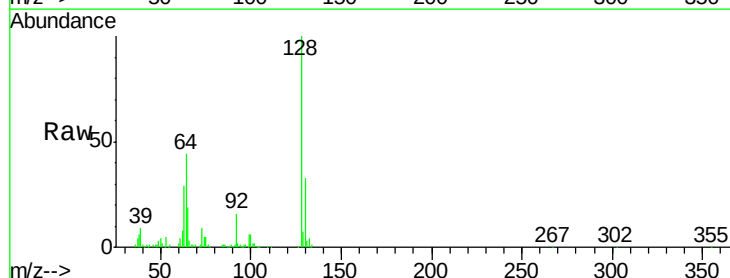
RT: 7.55 min Scan# 759

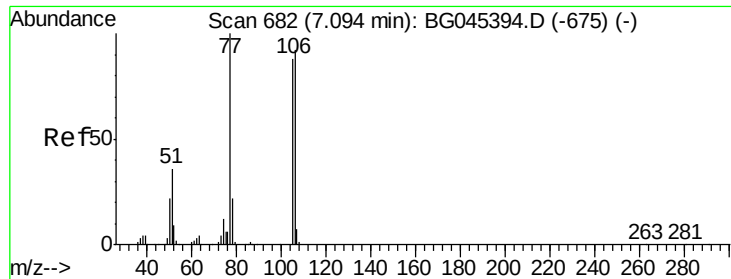
Delta R.T. -0.01 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

Tgt Ion:	128	Resp:	193763
Ion Ratio	Lower	Upper	
128	100		
130	32.8	12.6	52.6
64	44.4	27.0	67.0





#9

Benzaldehyde

Concen: 41.65 ng

RT: 7.10 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

Instrument :

BNA_G

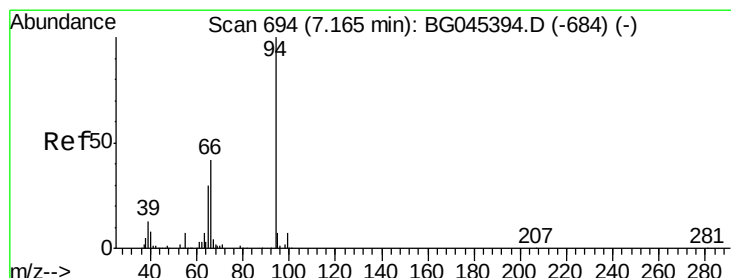
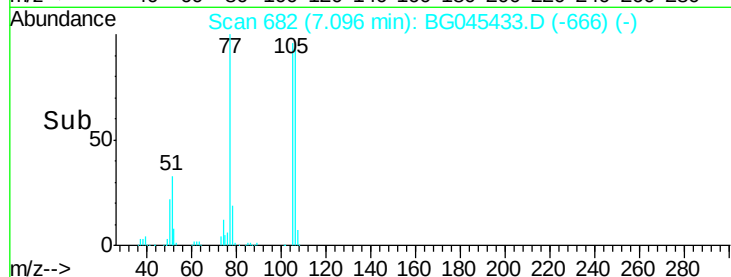
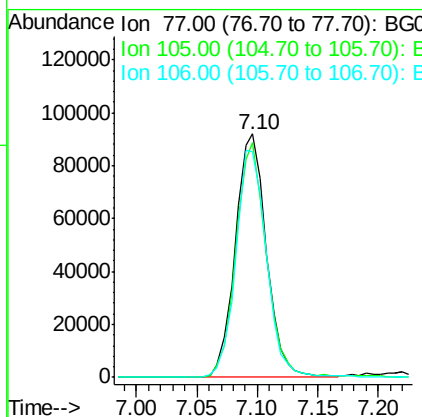
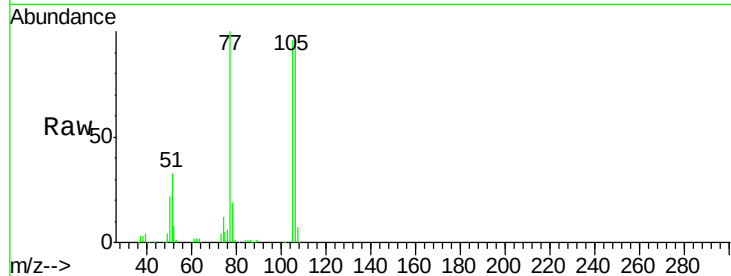
ClientSampleId :

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Tgt Ion:	77	Resp:	165559
Ion Ratio	Lower	Upper	
77	100		
105	96.4	68.5	108.5
106	92.5	71.6	111.6

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#10

Phenol

Concen: 41.97 ng

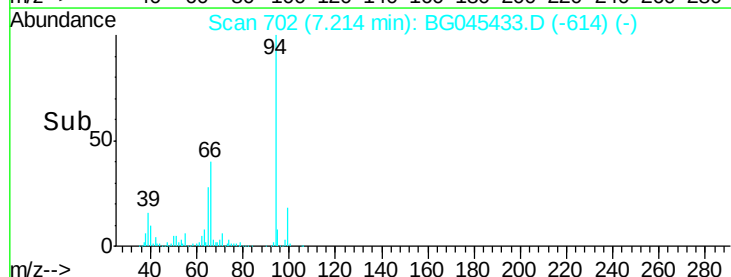
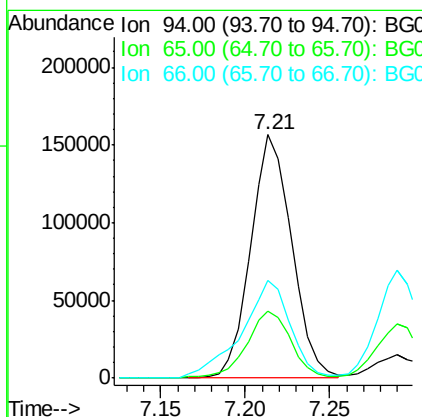
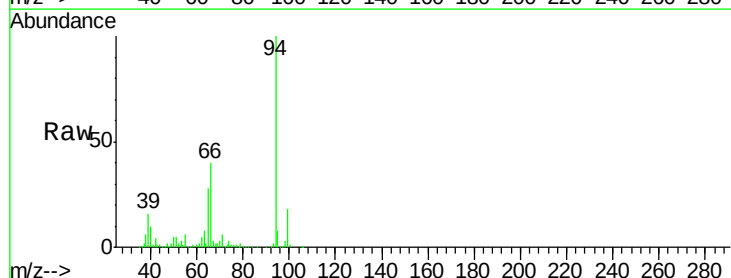
RT: 7.21 min Scan# 702

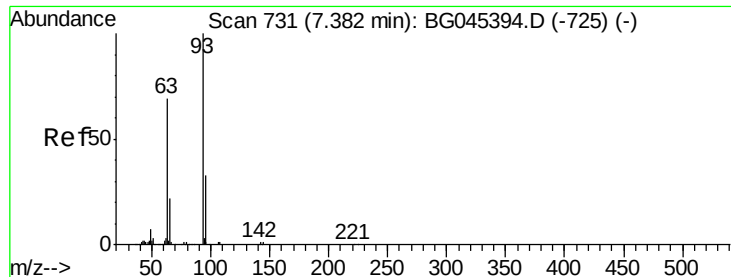
Delta R.T. -0.01 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

Tgt Ion:	94	Resp:	263961
Ion Ratio	Lower	Upper	
94	100		
65	27.8	9.8	49.8
66	40.0	22.0	62.0





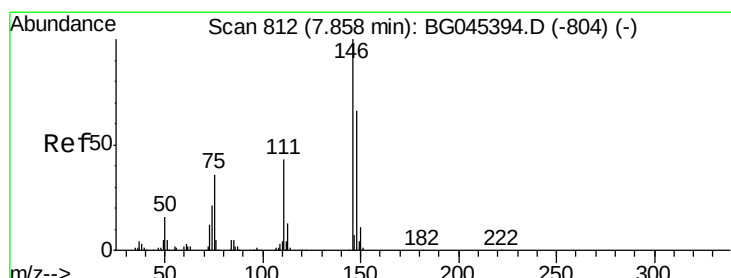
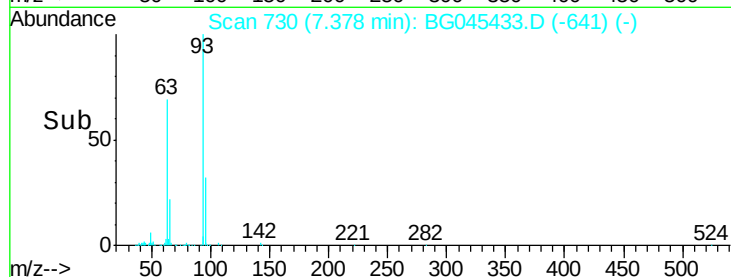
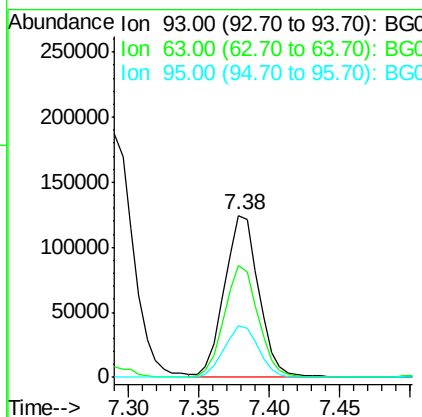
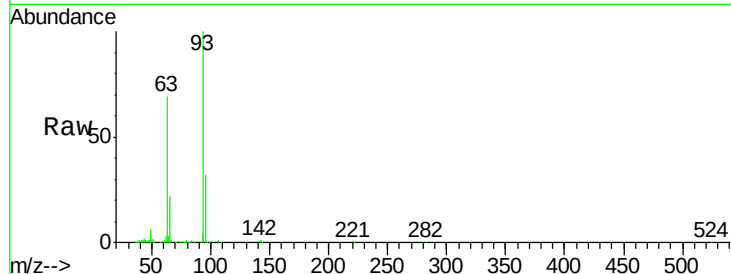
#11
bis(2-Chloroethyl)ether
Concen: 42.53 ng
RT: 7.38 min Scan# 730
Delta R.T. -0.01 min
Lab File: BG045433.D
Acq: 20 May 2020 10:55

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	208634		
63	69.2	48.4	88.4	
95	31.8	12.4	52.4	

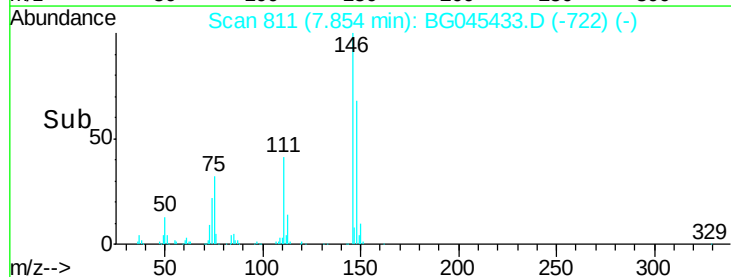
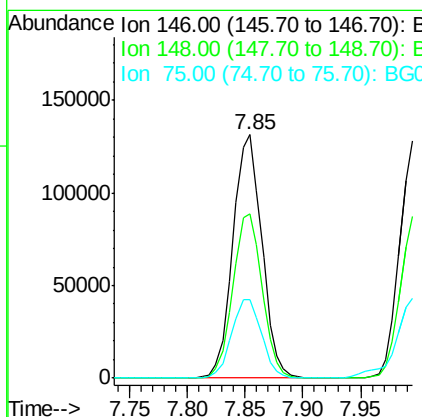
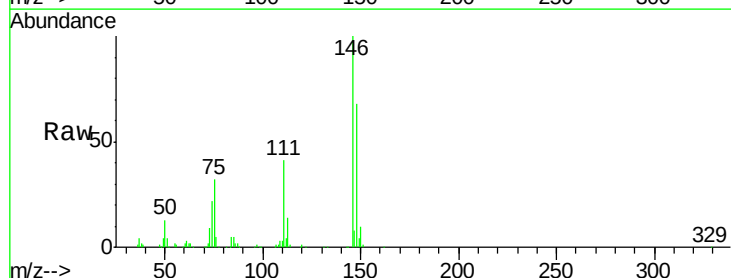
Manual Integrations
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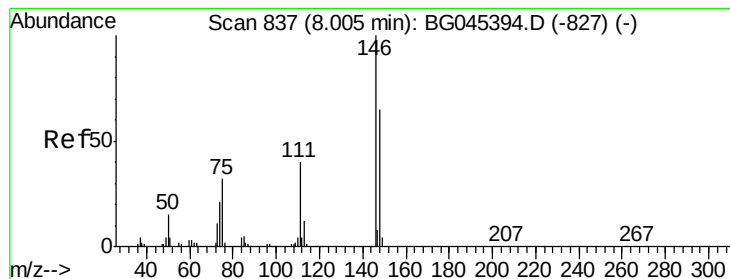
mohammad
5/21/2020 10:23:16 AM



#12
1,3-Dichlorobenzene
Concen: 40.48 ng
RT: 7.85 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG045433.D
Acq: 20 May 2020 10:55

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	228690		
148	67.5	53.2	79.8	
75	32.4	28.6	43.0	





#13

1,4-Dichlorobenzene

Concen: 41.05 ng

RT: 7.99 min Scan# 835

Delta R.T. -0.01 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

Instrument :

BNA_G

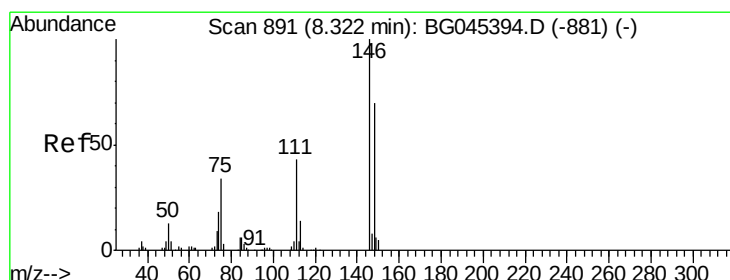
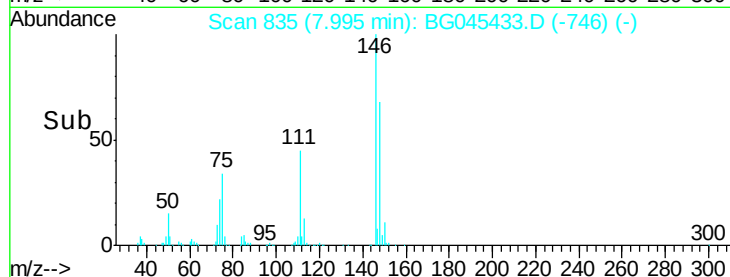
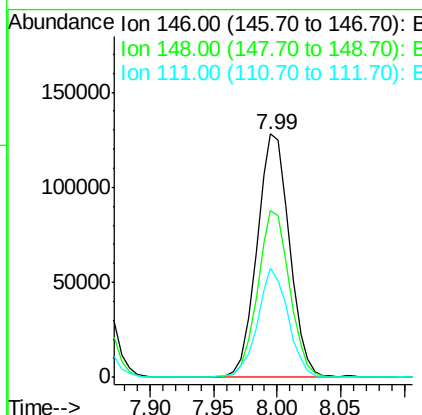
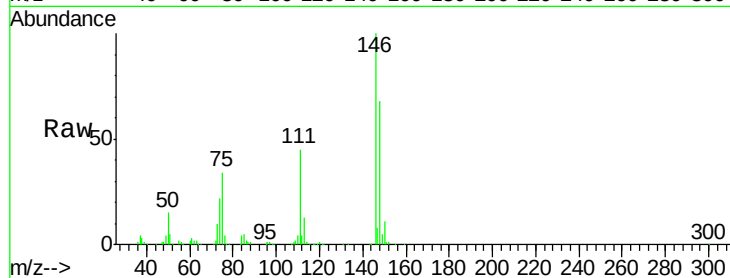
ClientSampleId :

SSTDCCC040

Tgt Ion:	146	Resp:	228886
Ion Ratio	Lower	Upper	
146	100		
148	68.4	51.8	77.8
111	44.9	32.1	48.1

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#14

1,2-Dichlorobenzene

Concen: 41.60 ng

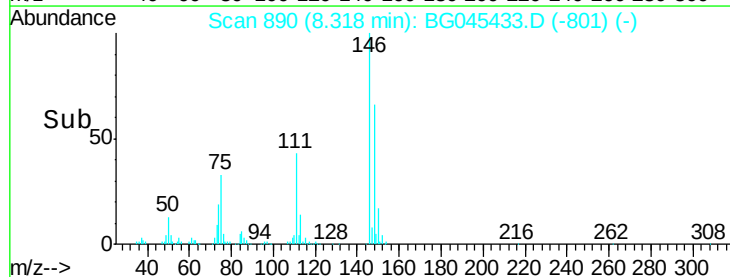
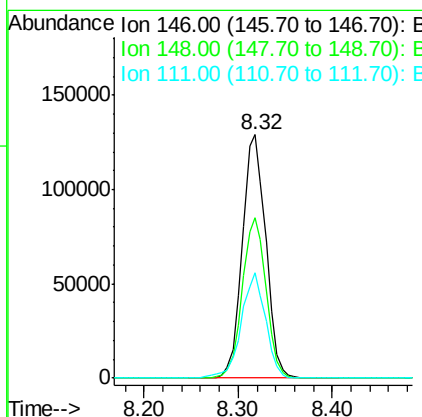
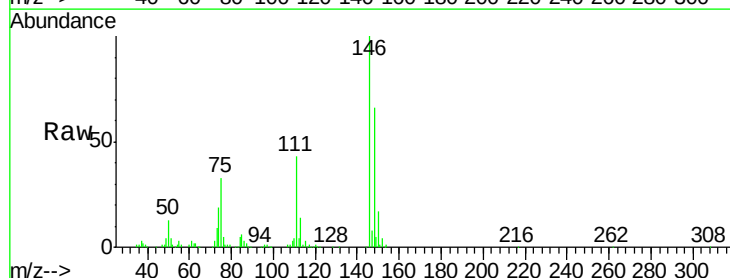
RT: 8.32 min Scan# 890

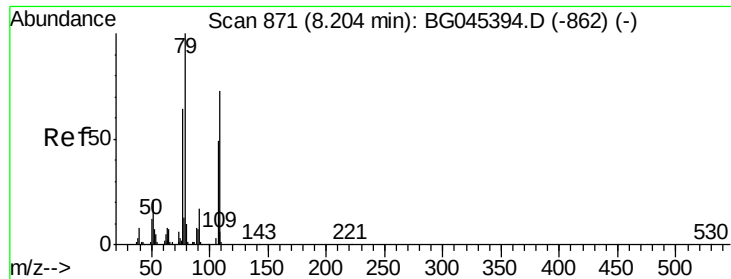
Delta R.T. -0.01 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

Tgt Ion:	146	Resp:	223086
Ion Ratio	Lower	Upper	
146	100		
148	65.9	55.9	83.9
111	43.4	35.0	52.4





#15

Benzyl Alcohol

Concen: 42.50 ng

RT: 8.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

Instrument :

BNA_G

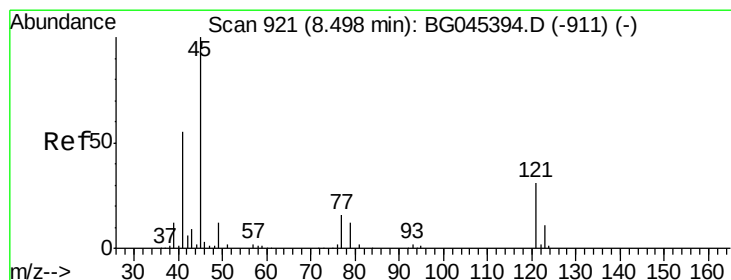
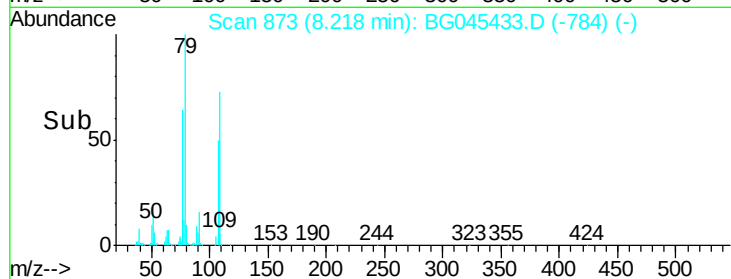
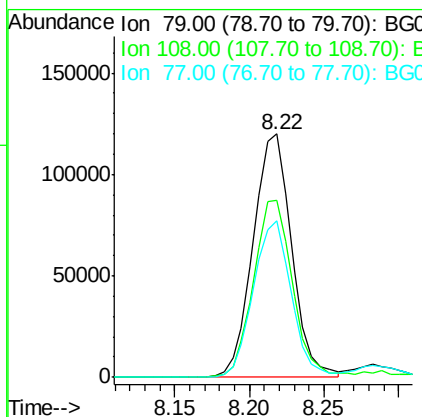
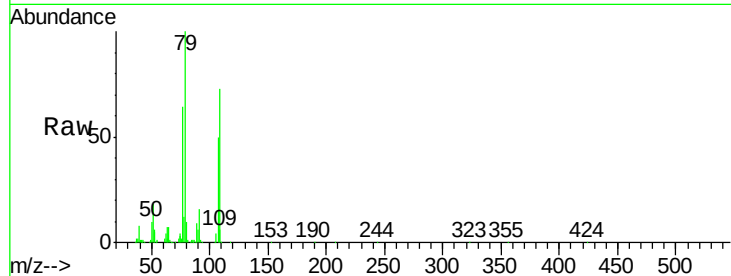
ClientSampleId :

SSTDCCC040

Tgt Ion:	79	Resp:	214202
Ion	Ratio	Lower	Upper
79	100		
108	73.0	58.2	87.4
77	64.4	51.0	76.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.23 ng

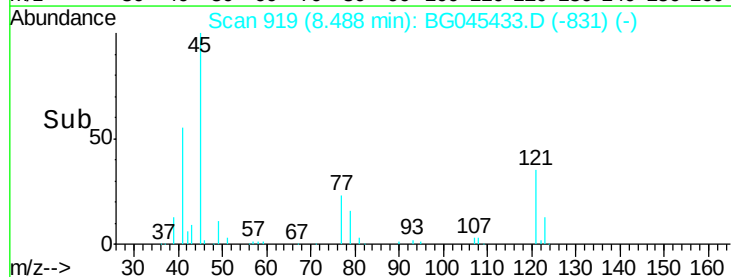
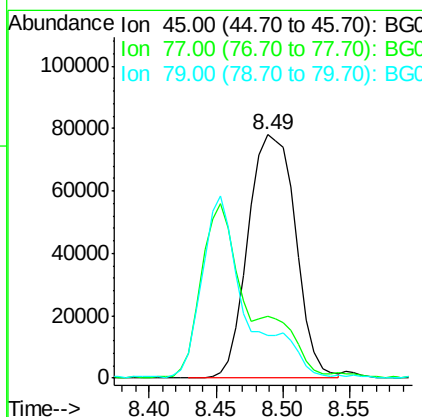
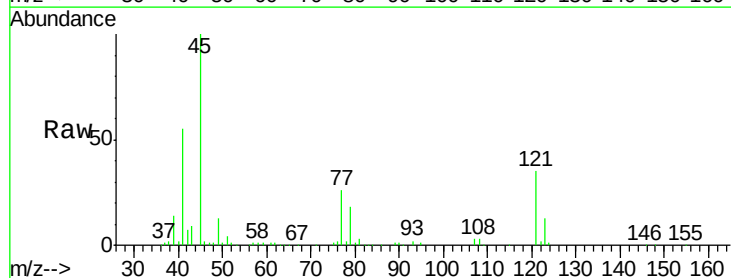
RT: 8.49 min Scan# 919

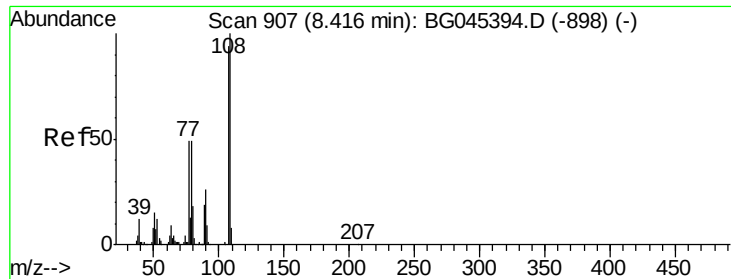
Delta R.T. -0.01 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

Tgt Ion:	45	Resp:	191949
Ion	Ratio	Lower	Upper
45	100		
77	25.6	4.0	44.0
79	17.6	0.0	38.6





#17

2-Methylphenol

Concen: 43.01 ng

RT: 8.45 min Scan# 913

Delta R.T. -0.01 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

Instrument :

BNA_G

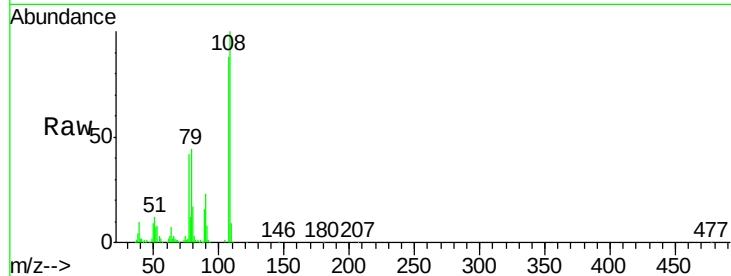
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.7	85.2	127.8	
77	48.2	41.6	62.4	
79	50.5	41.8	62.8	

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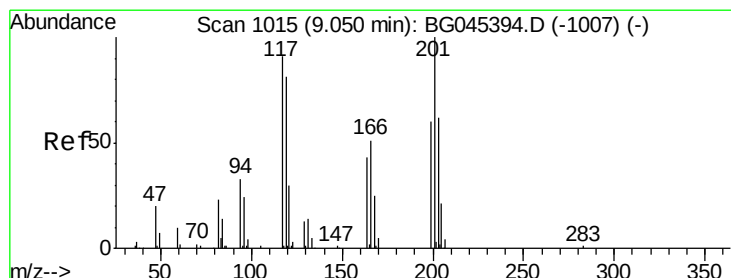
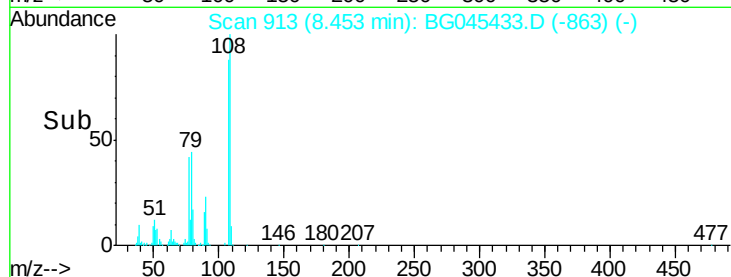
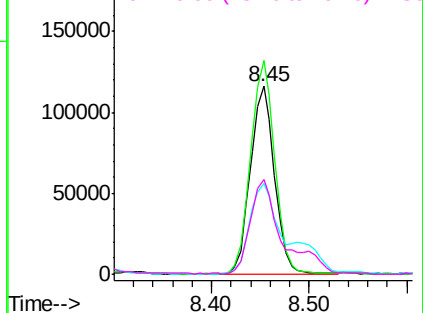
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 40.95 ng

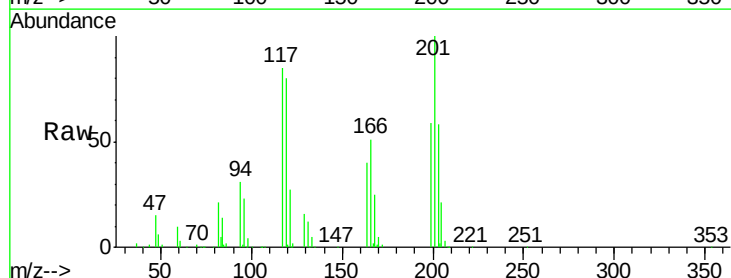
RT: 9.05 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.5	71.3	106.9	
201	117.9	87.5	131.3	

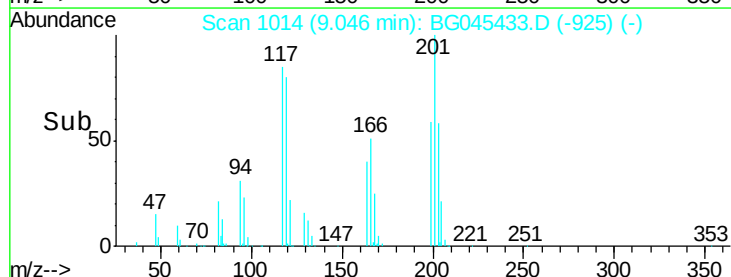
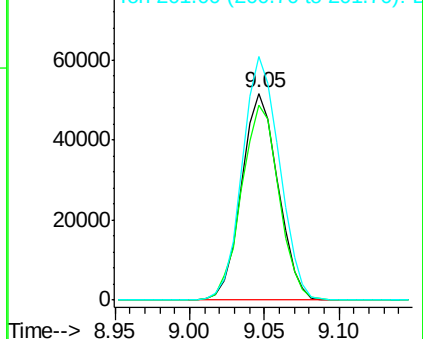


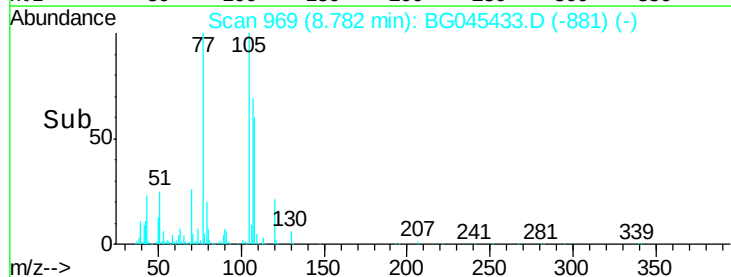
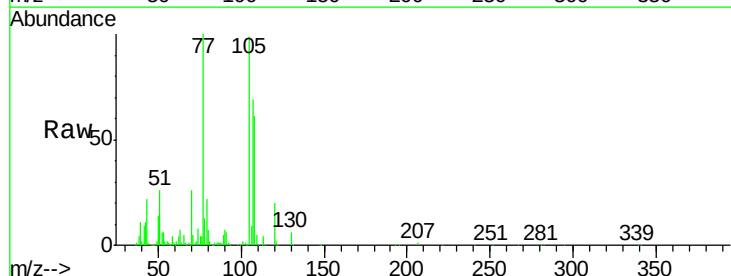
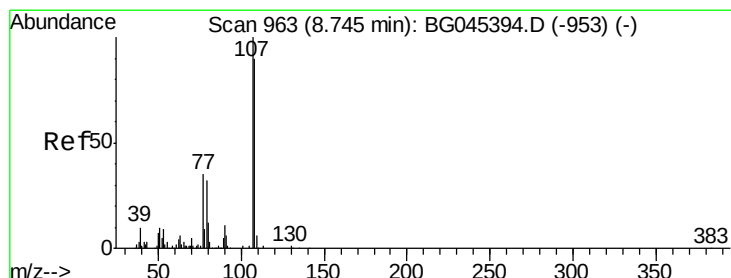
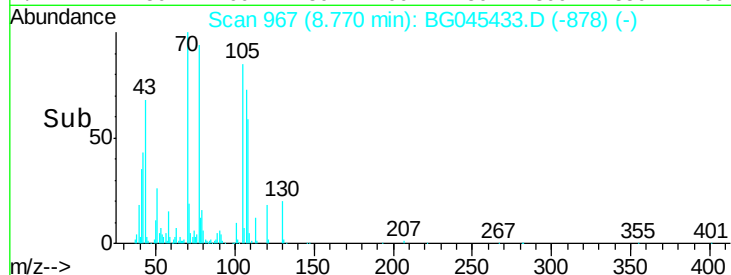
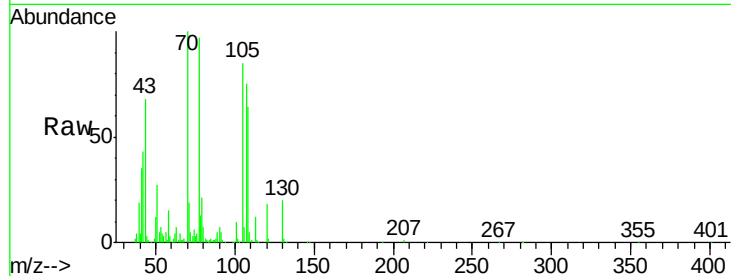
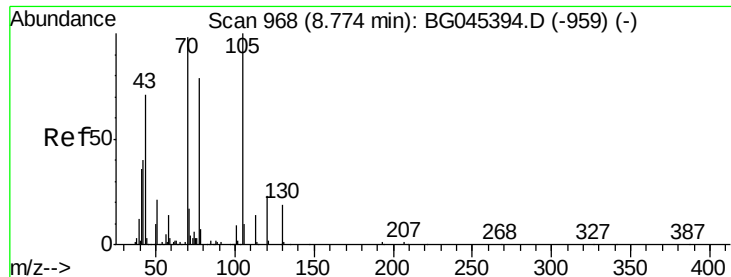
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

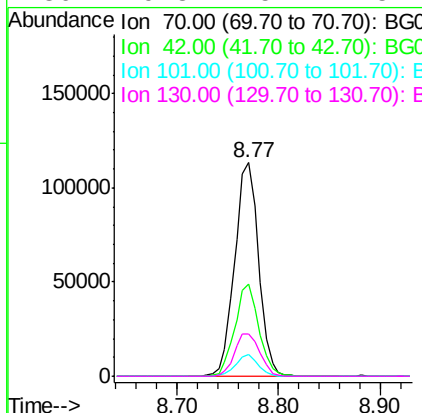
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 43.92 ng
RT: 8.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BG045433.D
Acq: 20 May 2020 10:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
70	100		185333		
42	43.0	33.2	49.8		
101	10.1	7.8	11.6		
130	19.8	15.4	23.2		



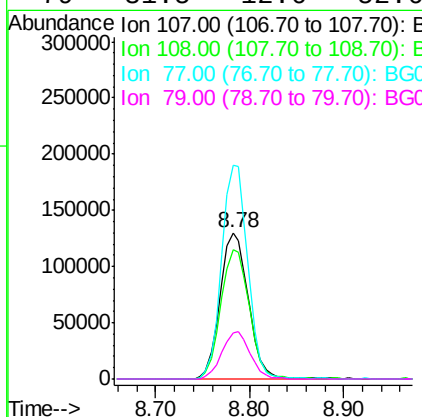
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

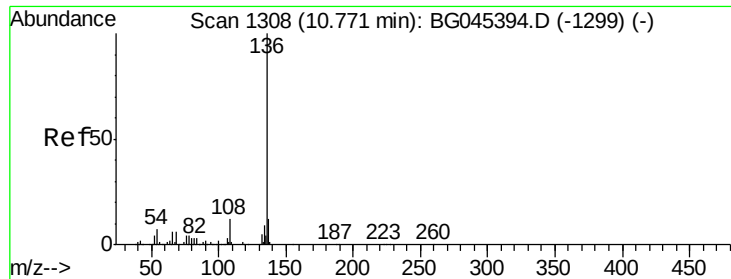
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#20
3+4-Methylphenols
Concen: 42.59 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG045433.D
Acq: 20 May 2020 10:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		272972		
108	88.6	70.3	110.3		
77	145.9	15.4	55.4#		
79	31.5	12.6	52.6		





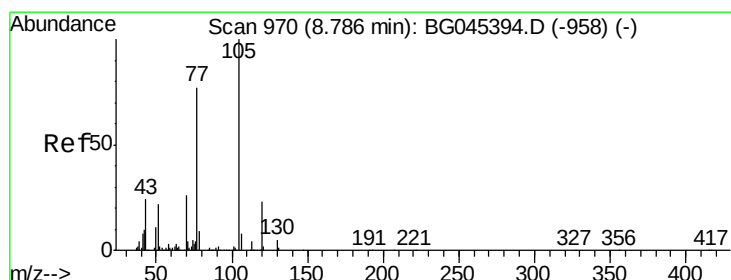
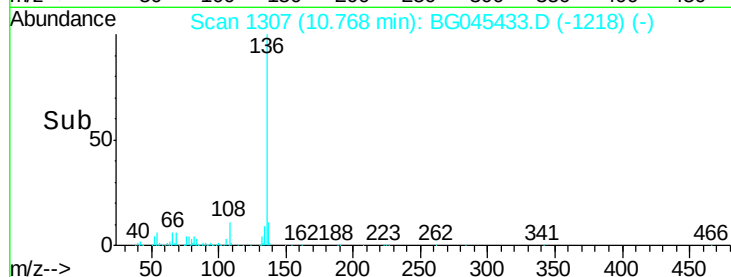
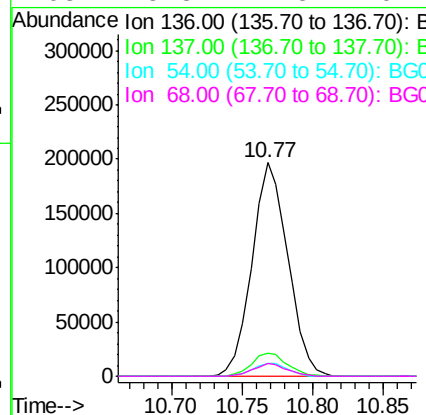
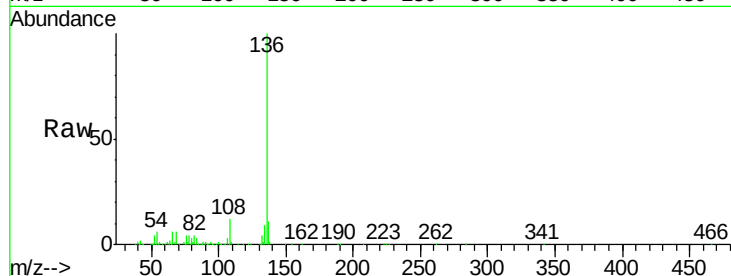
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BG045433.D
Acq: 20 May 2020 10:55

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	350421		
137	10.6		9.4	14.2
54	6.3		5.8	8.6
68	5.8		4.5	6.7

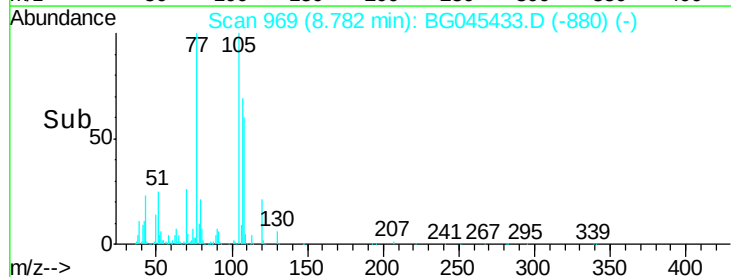
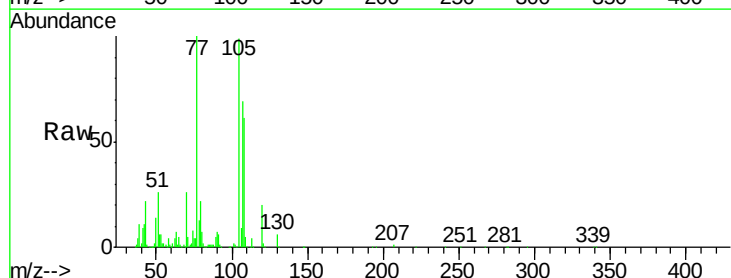
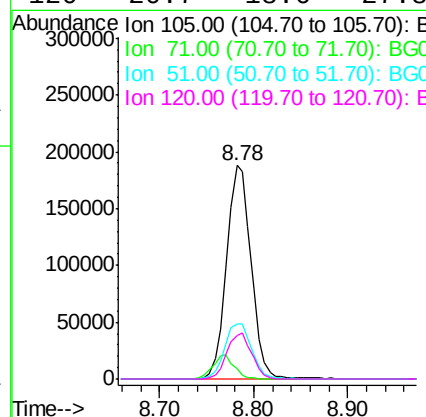
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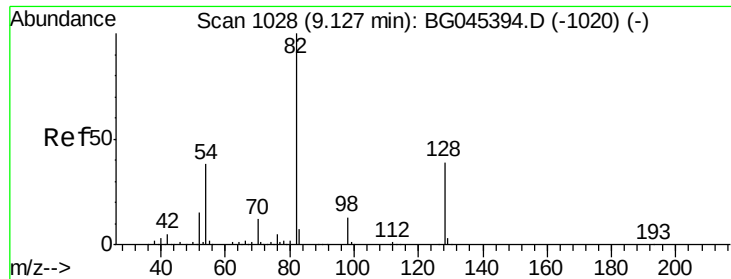
mohammad
5/21/2020 10:23:16 AM



#22
Acetophenone
Concen: 41.06 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG045433.D
Acq: 20 May 2020 10:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	341002		
71	5.0		3.4	5.0
51	25.8		18.2	27.2
120	20.7		18.6	27.8





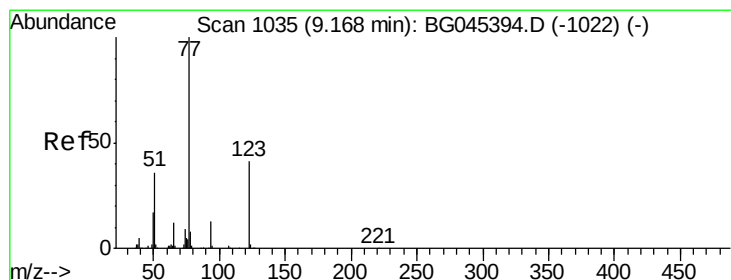
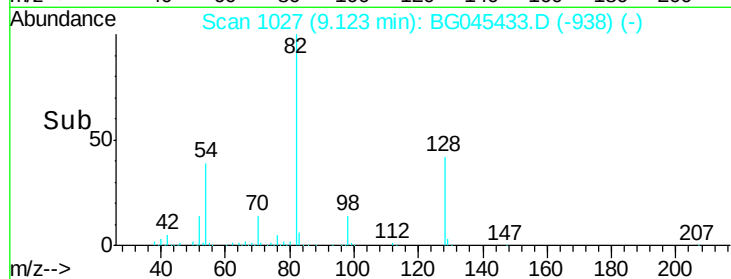
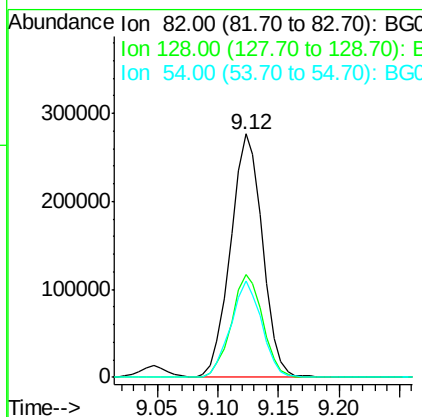
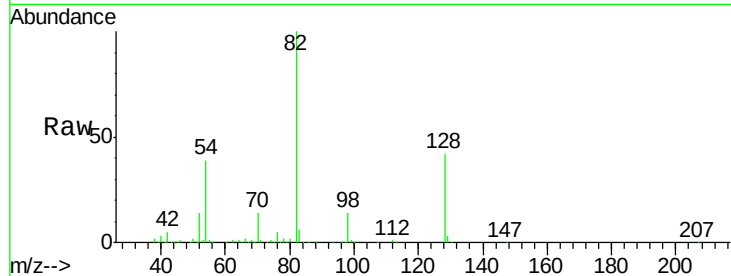
#23
 Nitrobenzene-d5
 Concen: 78.95 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BG045433.D
 Acq: 20 May 2020 10:55

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	507324		
128	42.3		30.9	46.3
54	39.4		30.3	45.5

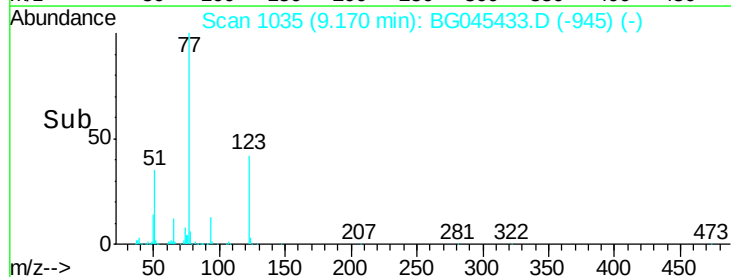
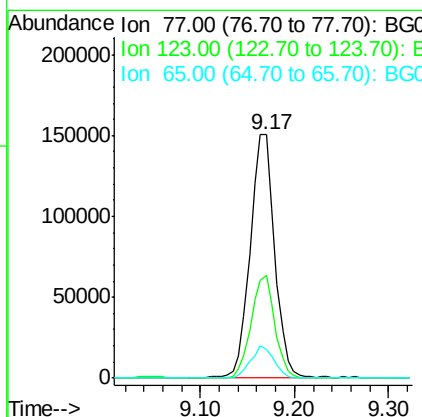
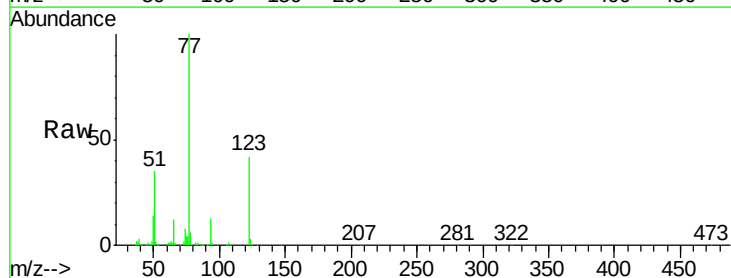
Manual Integrations
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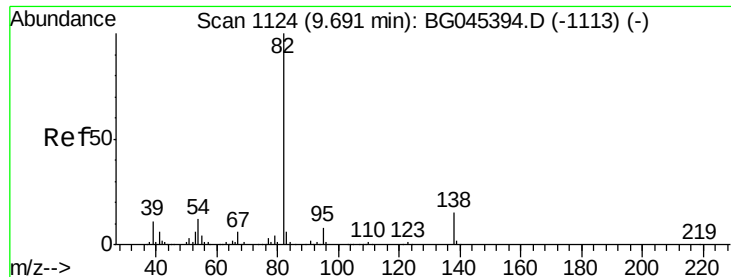
mohammad
 5/21/2020 10:23:16 AM



#24
 Nitrobenzene
 Concen: 39.37 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BG045433.D
 Acq: 20 May 2020 10:55

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	271033		
123	42.1		32.9	49.3
65	11.9		9.4	14.2





#25

Isophorone

Concen: 41.45 ng

RT: 9.69 min Scan# 1123

Delta R.T. -0.01 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

Instrument :

BNA_G

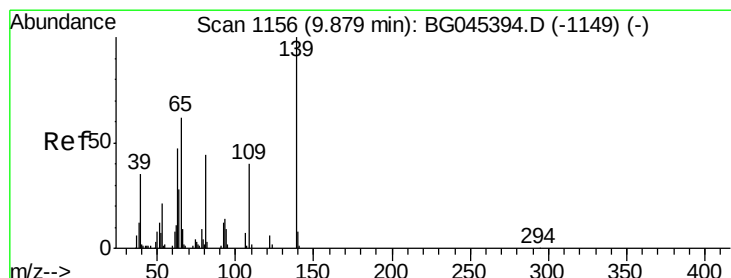
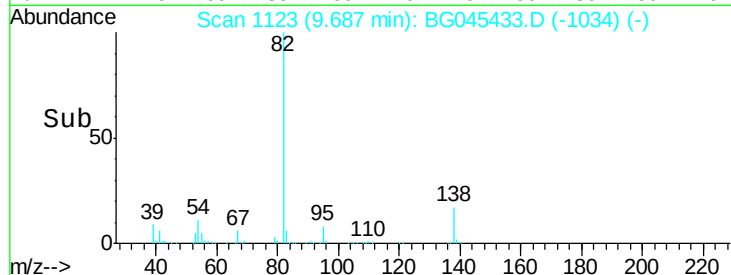
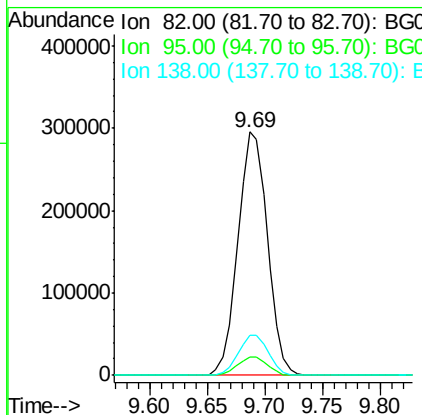
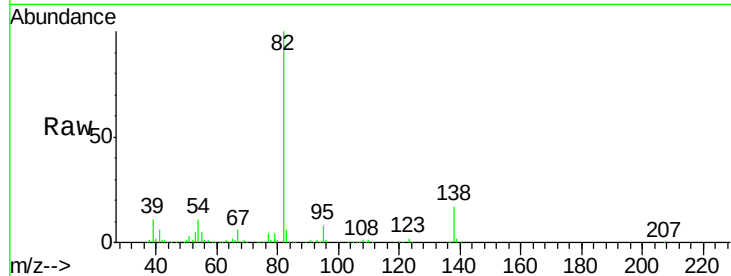
ClientSampleId :

SSTDCCC040

Tgt Ion:	82	Resp:	524562
Ion Ratio	Lower	Upper	
82	100		
95	7.7	6.7	10.1
138	16.6	12.2	18.4

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#26

2-Nitrophenol

Concen: 41.62 ng

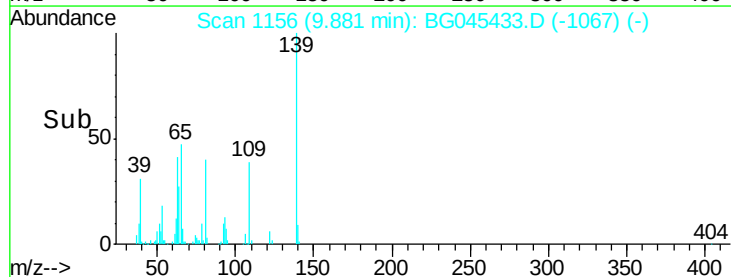
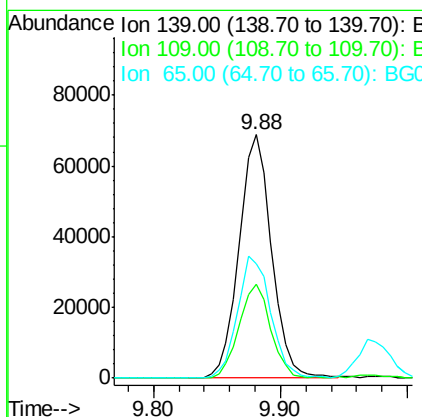
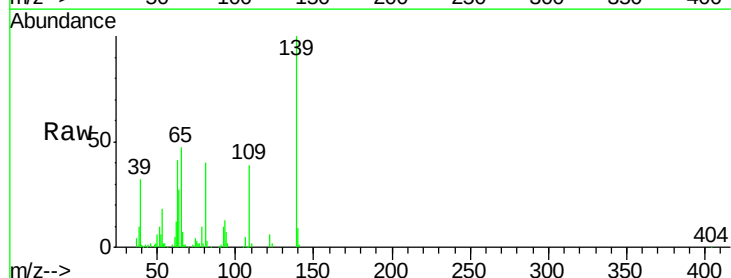
RT: 9.88 min Scan# 1156

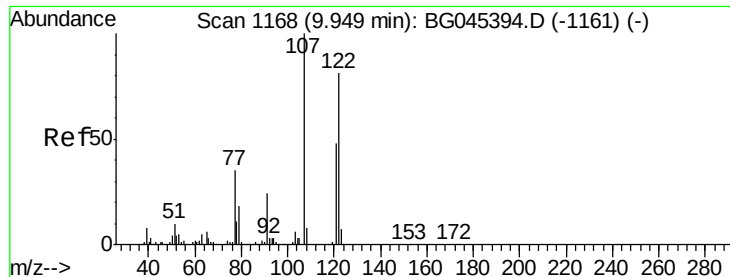
Delta R.T. -0.01 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

Tgt Ion:	139	Resp:	122574
Ion Ratio	Lower	Upper	
139	100		
109	38.8	32.2	48.4
65	46.9	49.6	74.4#





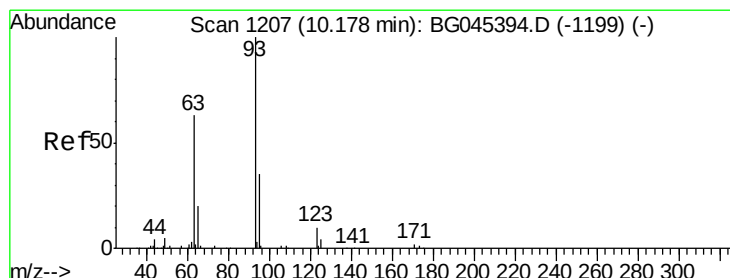
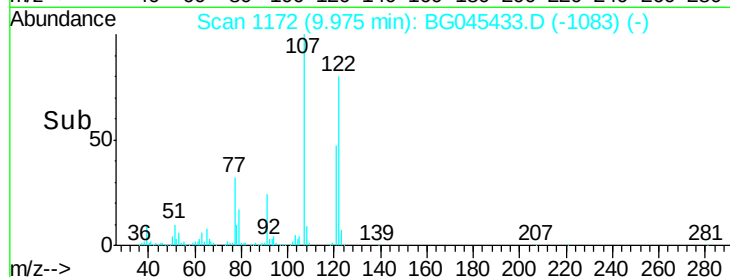
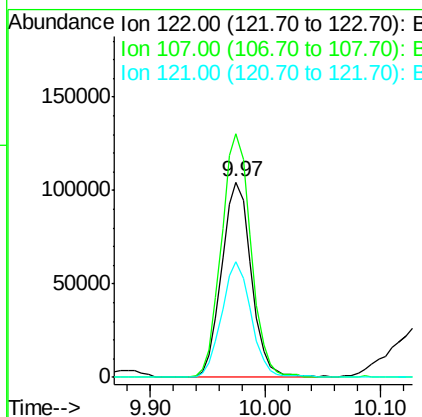
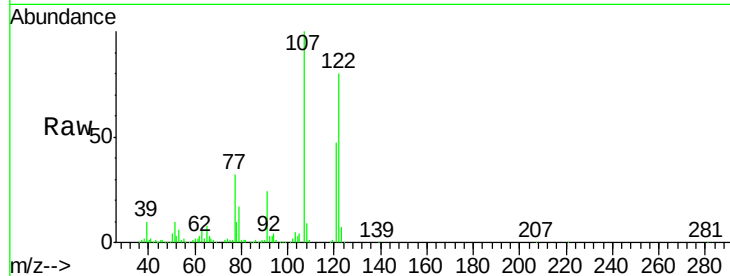
#27
 2,4-Dimethylphenol
 Concen: 42.65 ng
 RT: 9.97 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BG045433.D
 Acq: 20 May 2020 10:55

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	186321		
107	124.6	99.0	148.4	
121	59.0	47.7	71.5	

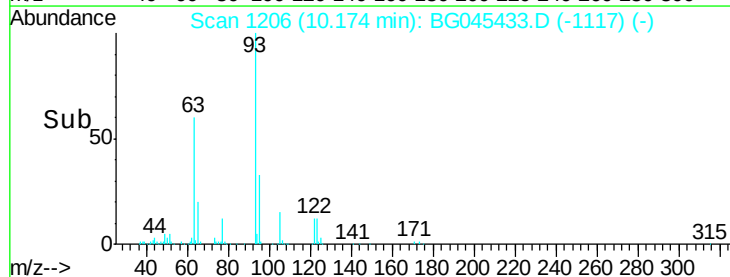
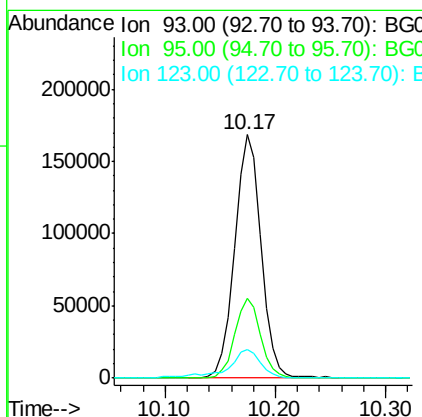
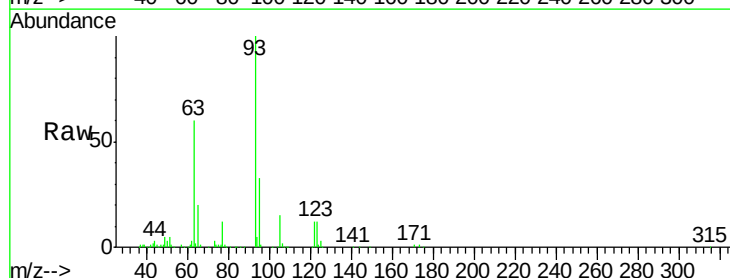
Manual Integrations
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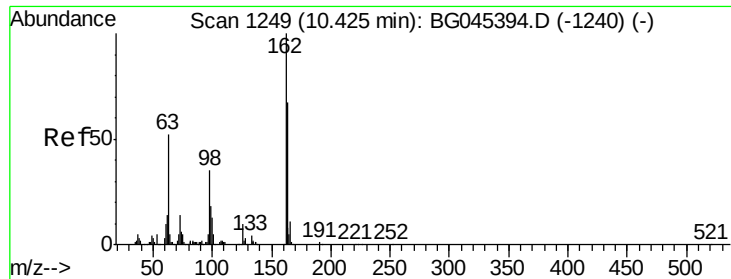
mohammad
 5/21/2020 10:23:16 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.61 ng
 RT: 10.17 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BG045433.D
 Acq: 20 May 2020 10:55

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	282797		
95	33.0	27.6	41.4	
123	11.9	8.1	12.1	





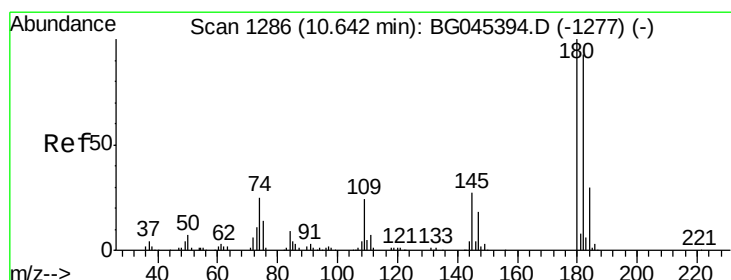
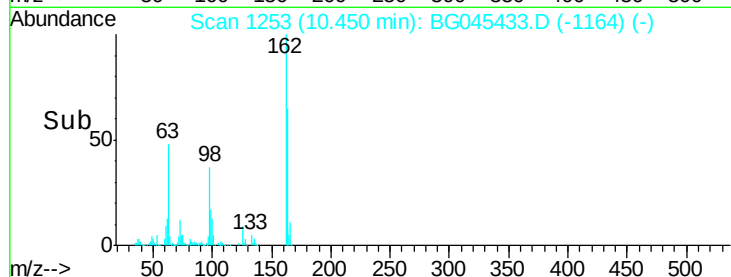
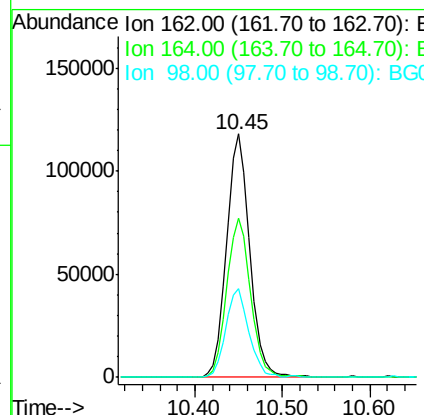
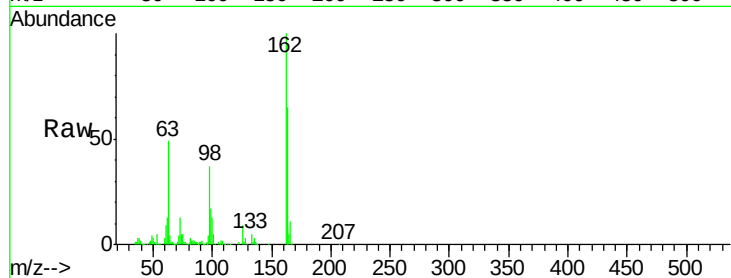
#29
 2,4-Dichlorophenol
 Concen: 41.75 ng
 RT: 10.45 min Scan# 1253
 Delta R.T. -0.01 min
 Lab File: BG045433.D
 Acq: 20 May 2020 10:55

Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	215379		
164	65.2	46.8	86.8	
98	36.6	15.2	55.2	

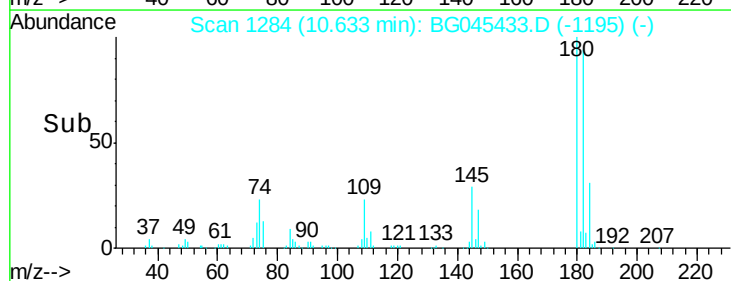
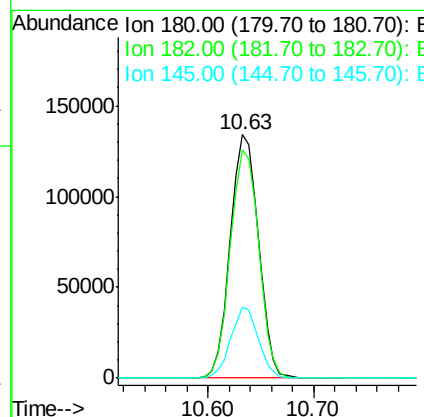
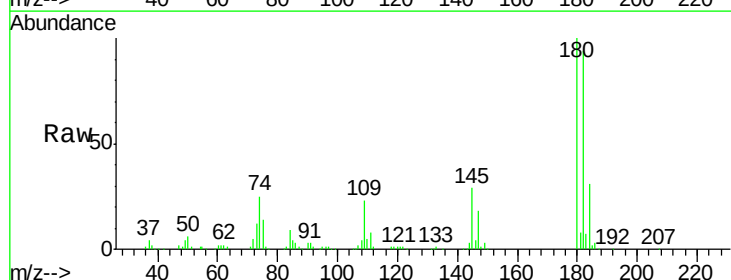
Manual Integrations
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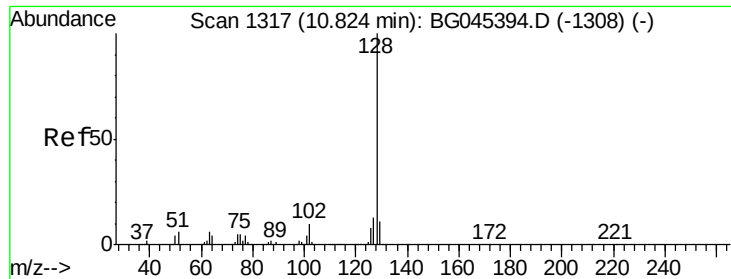
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.60 ng
 RT: 10.63 min Scan# 1284
 Delta R.T. -0.01 min
 Lab File: BG045433.D
 Acq: 20 May 2020 10:55

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	247462		
182	93.9	74.8	112.2	
145	29.1	21.9	32.9	





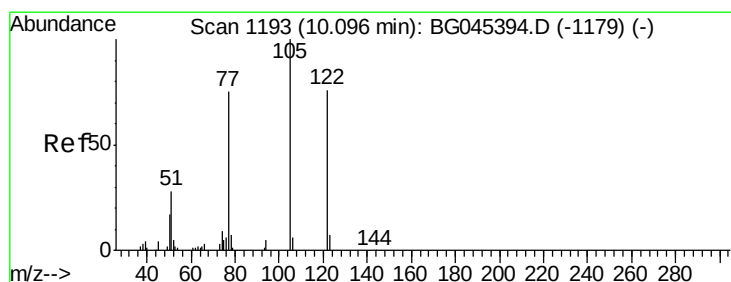
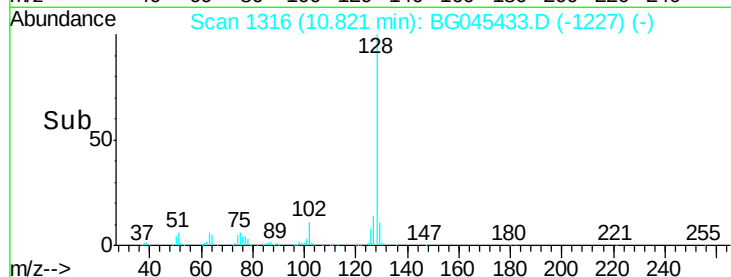
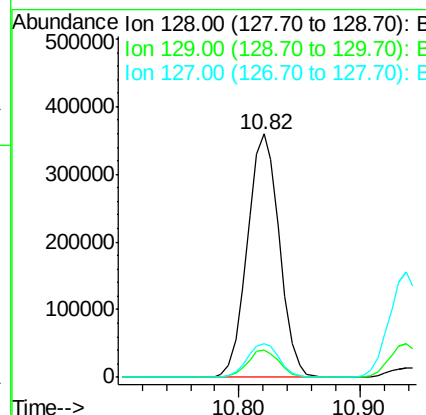
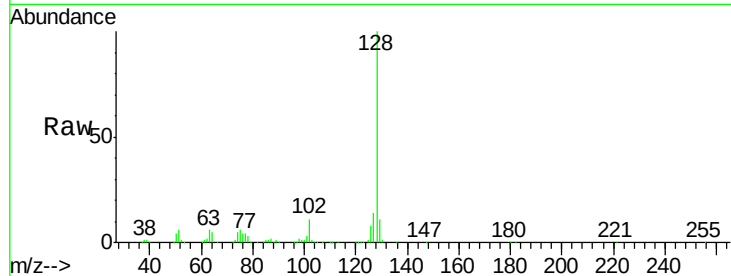
#31
Naphthalene
Concen: 40.71 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG045433.D
Acq: 20 May 2020 10:55

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.6
127	13.8	10.7	16.1

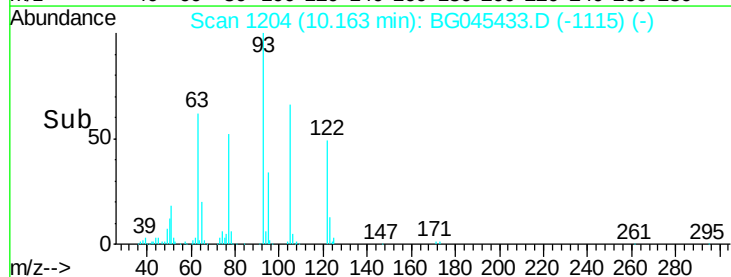
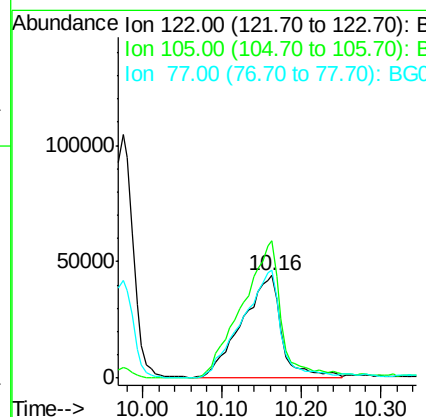
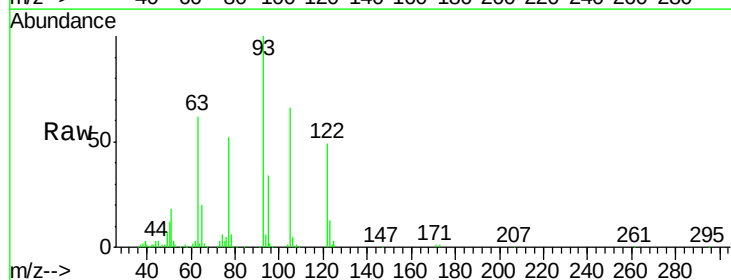
Manual Integrations
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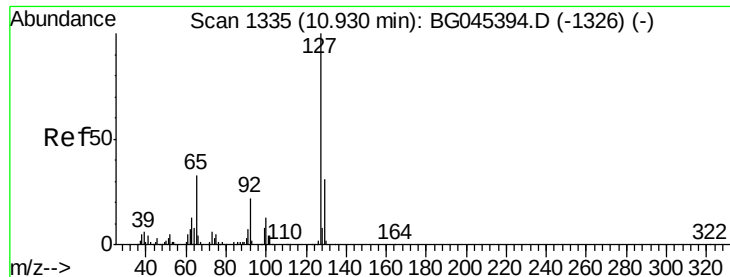
mohammad
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#32
Benzoic acid
Concen: 50.26 ng
RT: 10.16 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BG045433.D
Acq: 20 May 2020 10:55

Tgt Ion	Ratio	Lower	Upper
122	100		
105	134.4	107.9	147.9
77	105.5	78.9	118.9





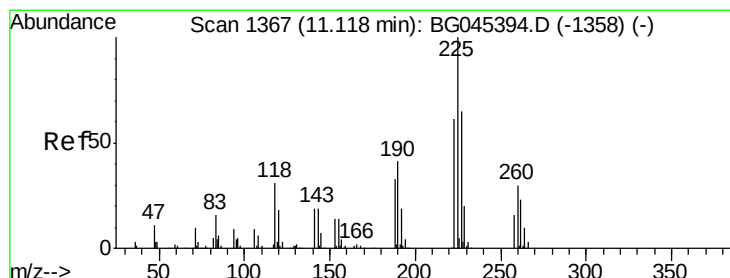
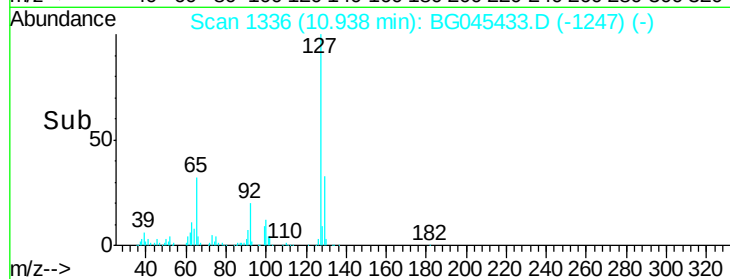
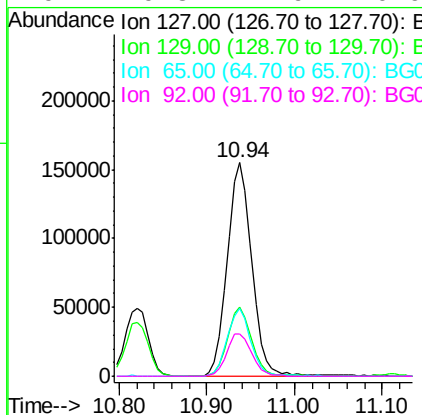
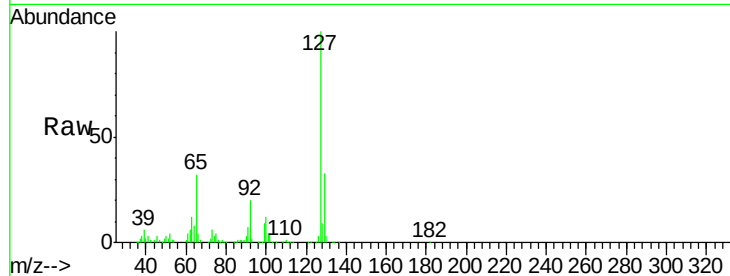
#33
4-Chloroaniline
Concen: 43.61 ng
RT: 10.94 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BG045433.D
Acq: 20 May 2020 10:55

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	297663		
129	32.6	24.7	37.1	
65	31.7	26.2	39.2	
92	19.8	17.9	26.9	

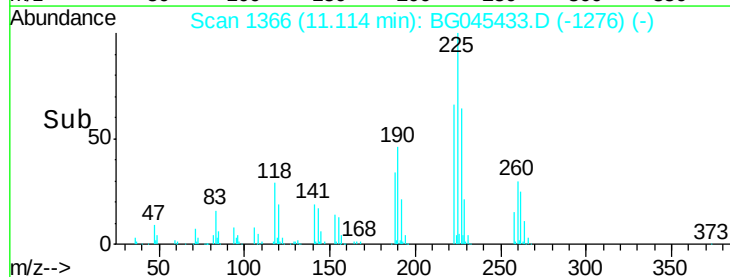
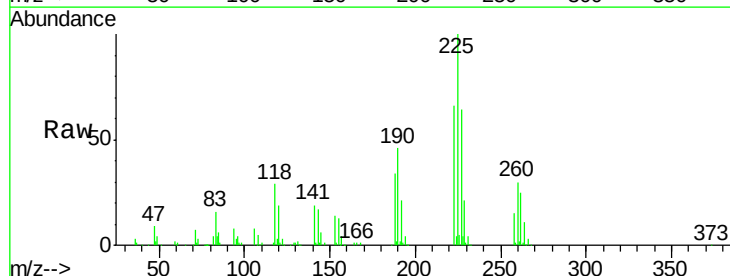
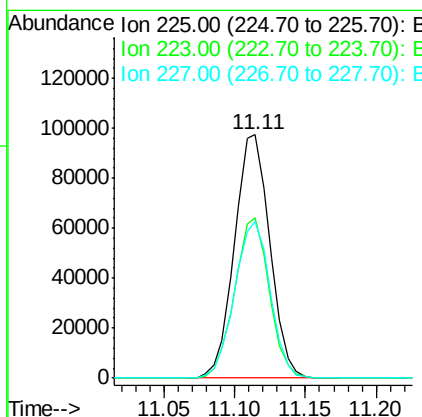
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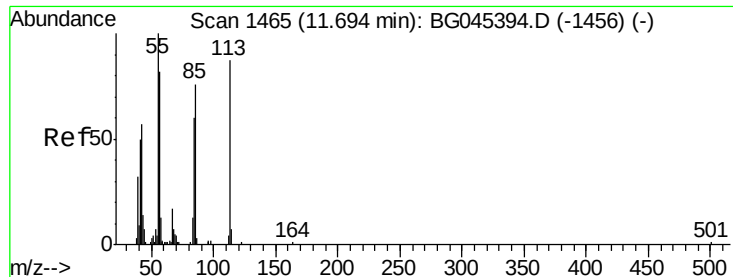
mohammad
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#34
Hexachlorobutadiene
Concen: 39.50 ng
RT: 11.11 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BG045433.D
Acq: 20 May 2020 10:55

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	170193		
223	66.1	49.1	73.7	
227	64.5	52.0	78.0	





#35

Caprolactam

Concen: 42.43 ng

RT: 11.71 min Scan# 1467

Delta R.T. -0.00 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

Instrument :

BNA_G

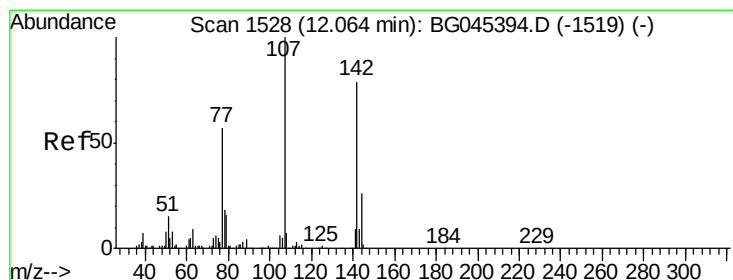
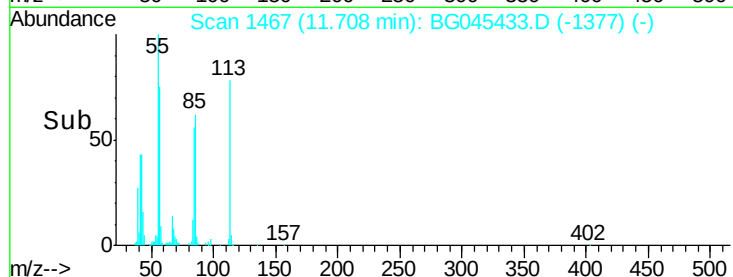
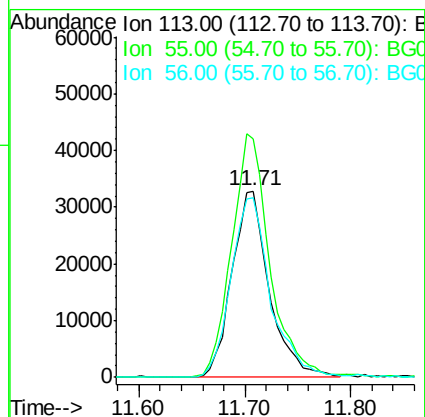
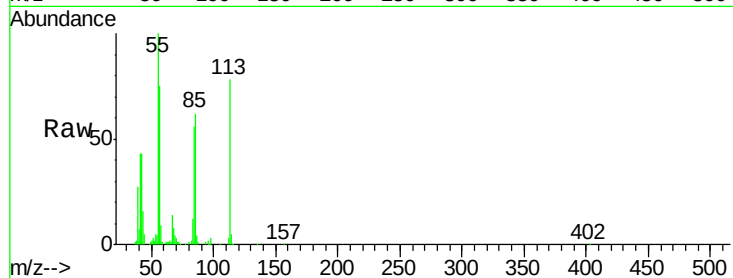
ClientSampleId :

SSTDCCC040

Tgt Ion:	113	Resp:	80334
Ion Ratio	Lower	Upper	
113	100		
55	128.0	96.0	136.0
56	96.4	75.1	115.1

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#36

4-Chloro-3-methylphenol

Concen: 42.94 ng

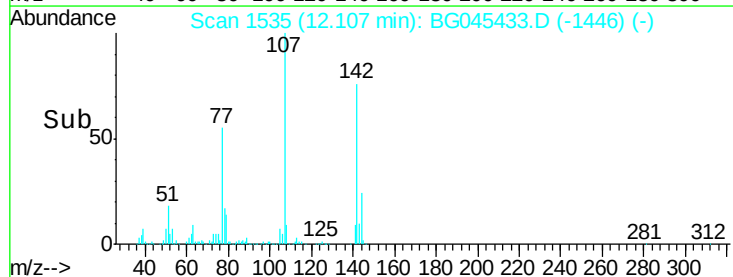
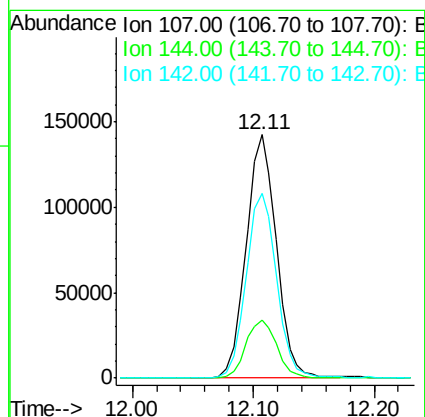
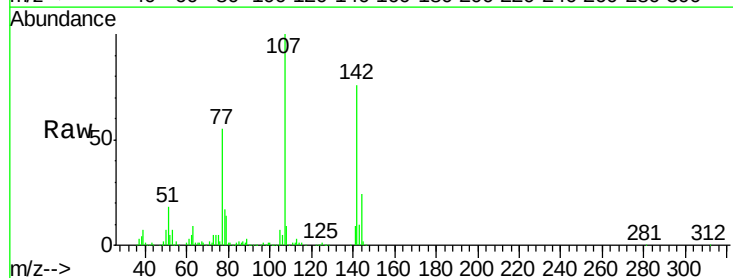
RT: 12.11 min Scan# 1535

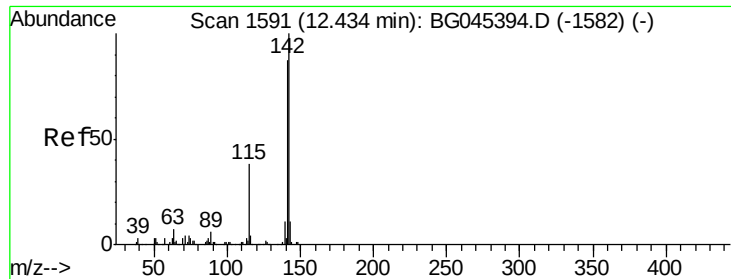
Delta R.T. -0.01 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

Tgt Ion:	107	Resp:	249586
Ion Ratio	Lower	Upper	
107	100		
144	23.6	20.8	31.2
142	76.0	62.8	94.2





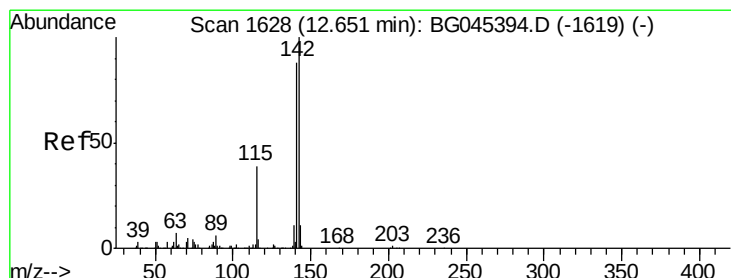
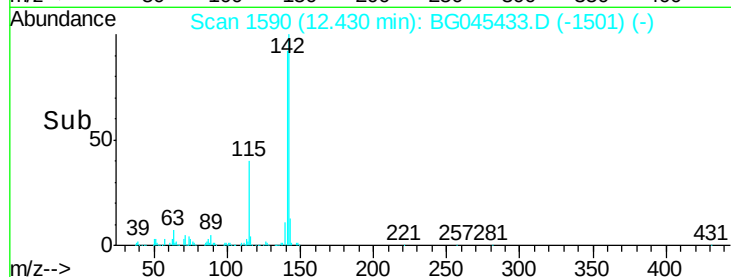
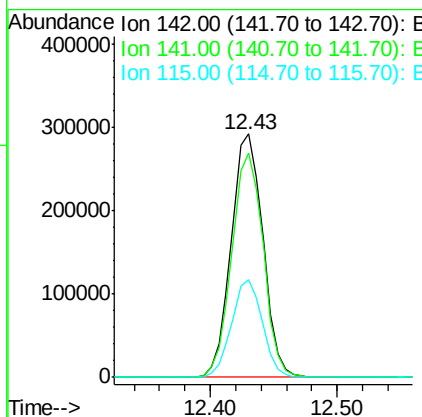
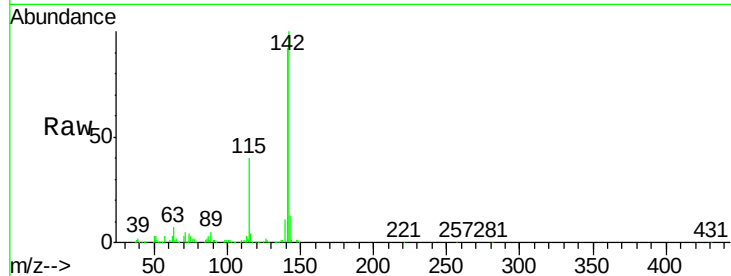
#37
2-Methylnaphthalene
Concen: 41.61 ng
RT: 12.43 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BG045433.D
Acq: 20 May 2020 10:55

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.3	70.0	105.0
115	40.0	30.8	46.2

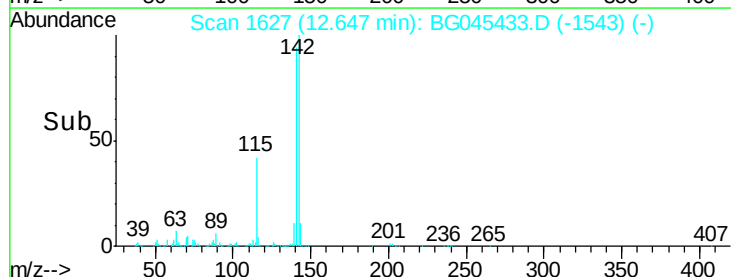
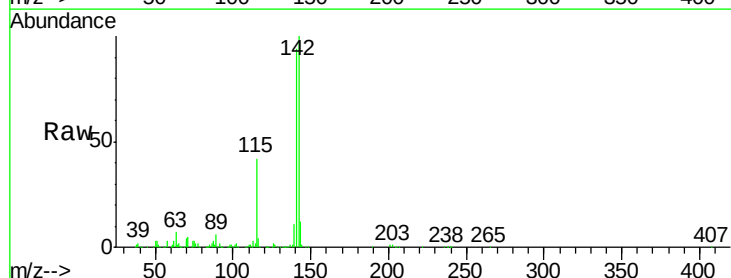
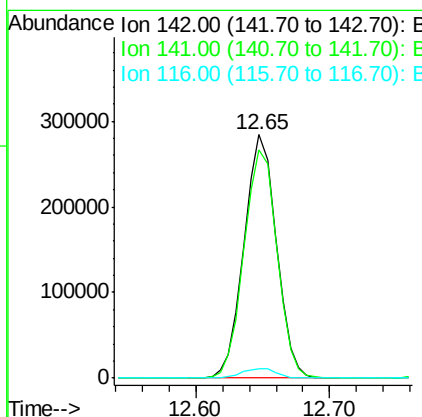
Manual Integrations
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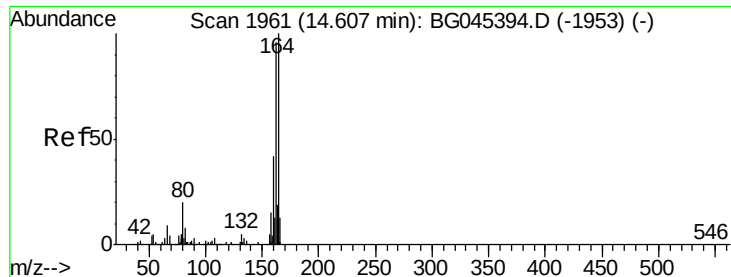
mohammad
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#38
1-Methylnaphthalene
Concen: 41.28 ng
RT: 12.65 min Scan# 1627
Delta R.T. -0.01 min
Lab File: BG045433.D
Acq: 20 May 2020 10:55

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.0	70.8	106.2
116	3.9	3.0	4.6





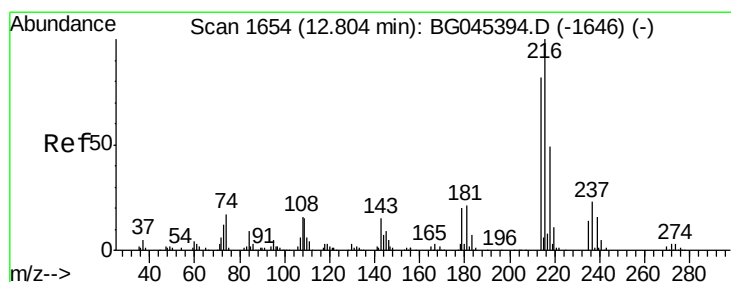
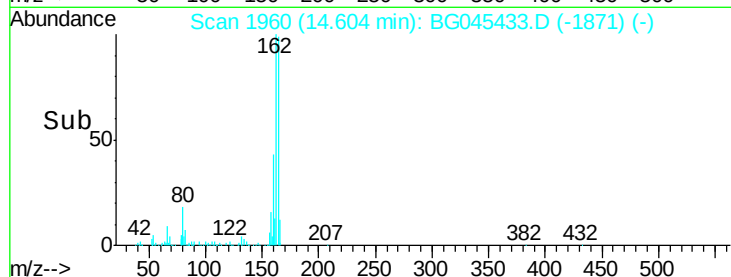
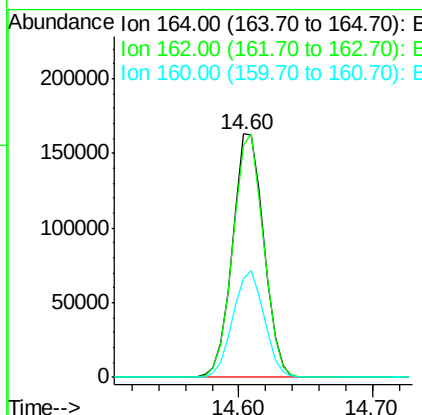
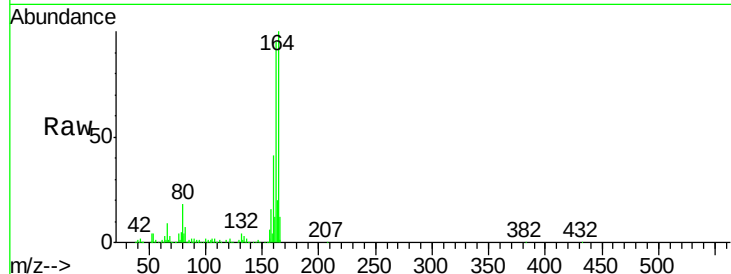
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.60 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BG045433.D
Acq: 20 May 2020 10:55

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
164	100		
162	95.2	76.9	115.3
160	40.9	33.8	50.8

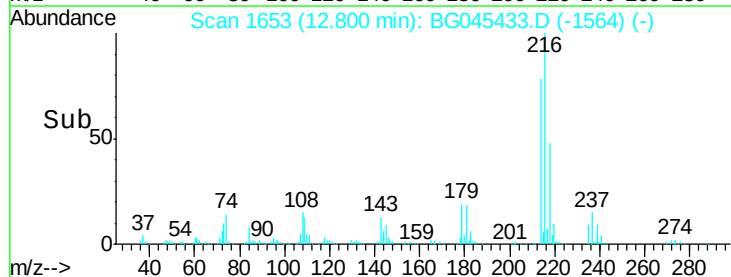
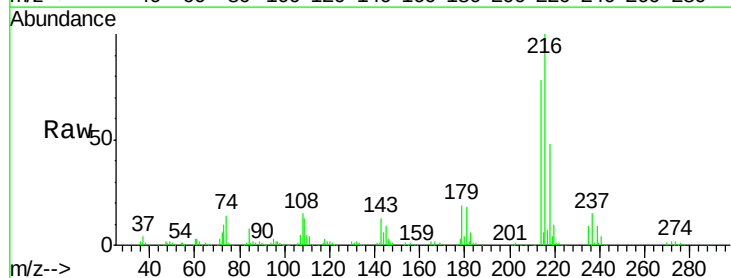
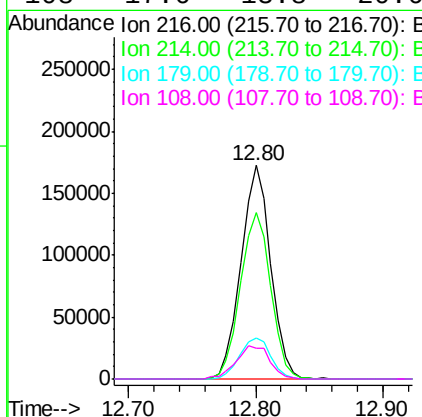
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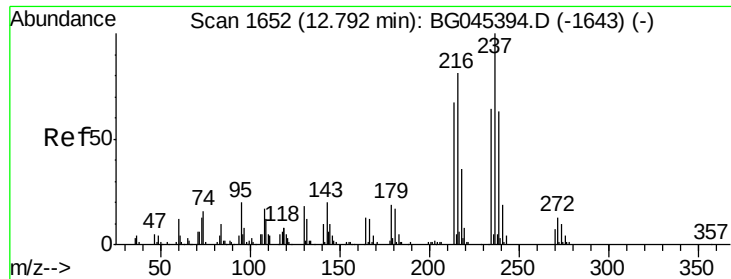
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.76 ng
RT: 12.80 min Scan# 1653
Delta R.T. -0.01 min
Lab File: BG045433.D
Acq: 20 May 2020 10:55

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.9	63.7	95.5
179	20.3	16.1	24.1
108	17.6	13.8	20.6





#41

Hexachlorocyclopentadiene

Concen: 38.47 ng

RT: 12.78 min Scan# 1650

Delta R.T. -0.01 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

Instrument :

BNA_G

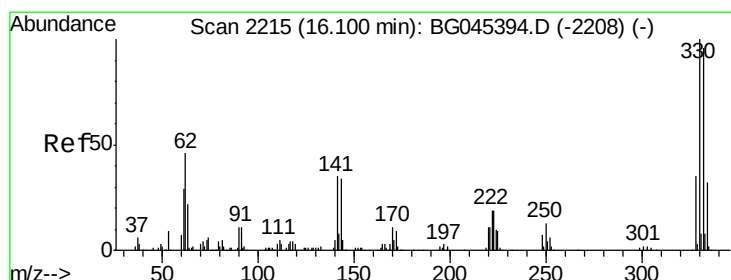
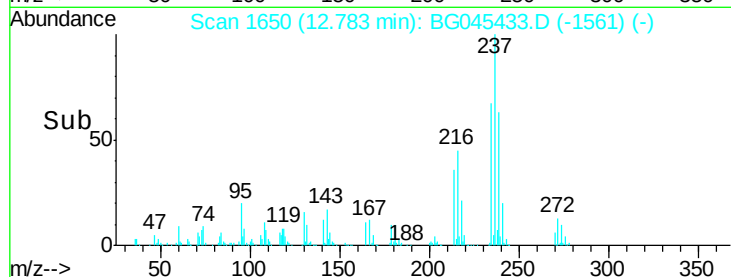
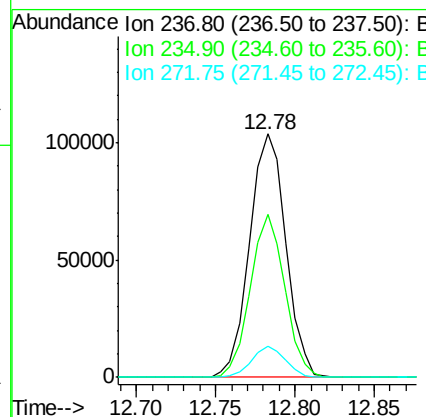
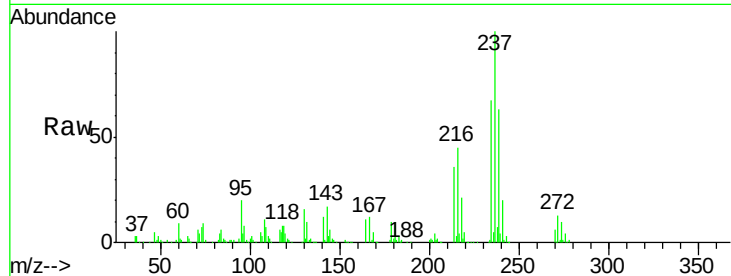
ClientSampleId :

SSTDCCC040

Tgt Ion:	237	Resp:	164542
Ion Ratio	Lower	Upper	
237	100		
235	66.9	44.4	84.4
272	13.0	0.0	32.5

Manual Integrations
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5/21/2020 10:23:16 AM



#42

2,4,6-Tribromophenol

Concen: 78.69 ng

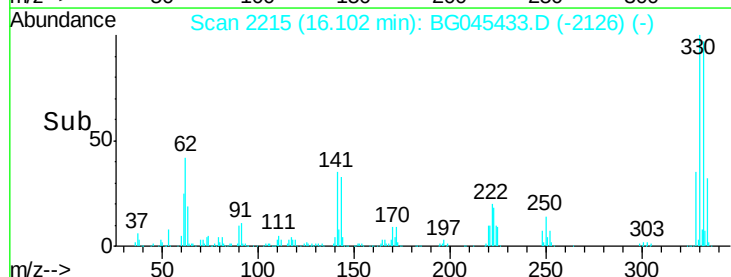
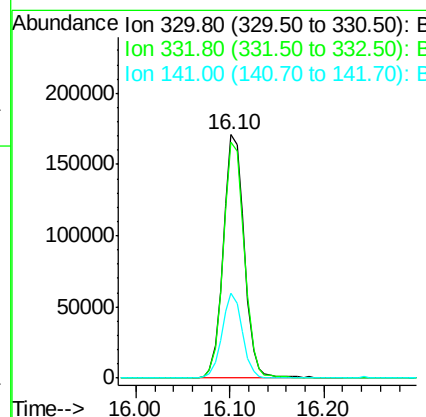
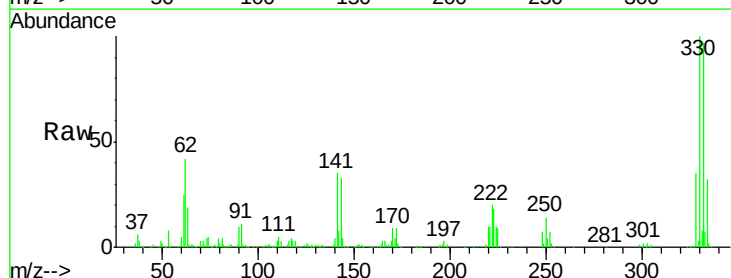
RT: 16.10 min Scan# 2215

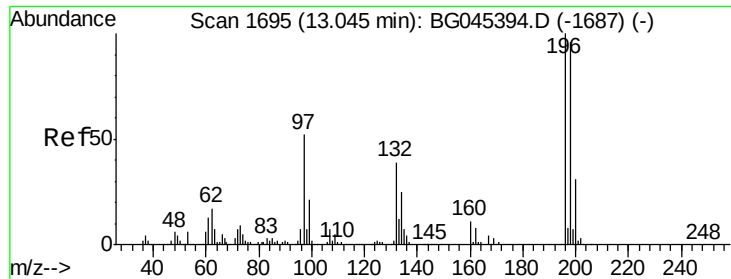
Delta R.T. -0.01 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

Tgt Ion:	330	Resp:	266980
Ion Ratio	Lower	Upper	
330	100		
332	96.9	78.2	117.4
141	33.8	28.2	42.4





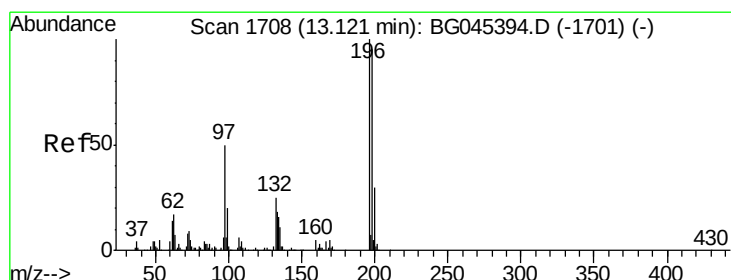
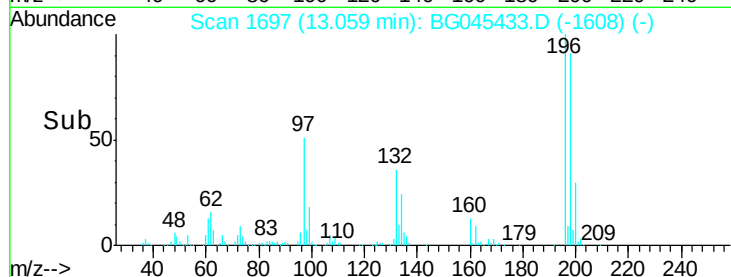
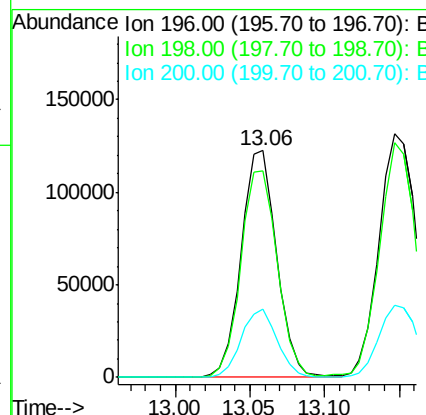
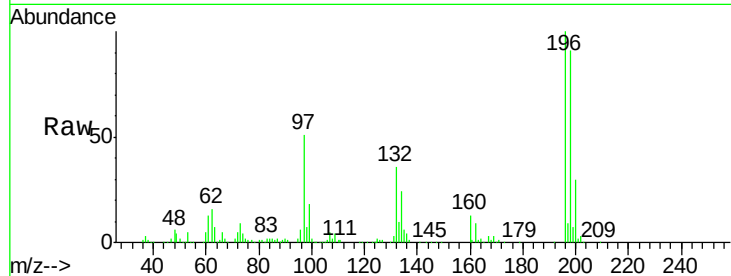
#43
 2,4,6-Trichlorophenol
 Concen: 39.44 ng
 RT: 13.06 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BG045433.D
 Acq: 20 May 2020 10:55

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	203004		
198	91.4	76.7	115.1	
200	30.3	24.9	37.3	

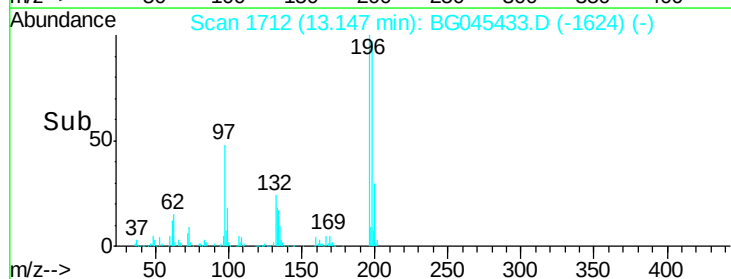
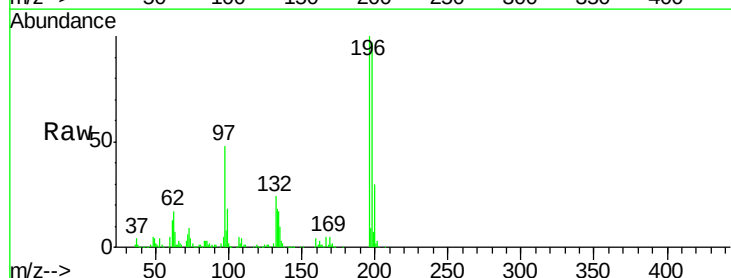
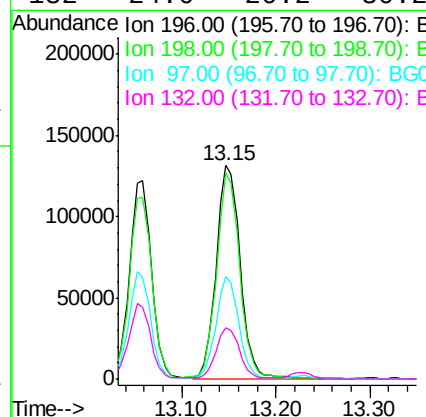
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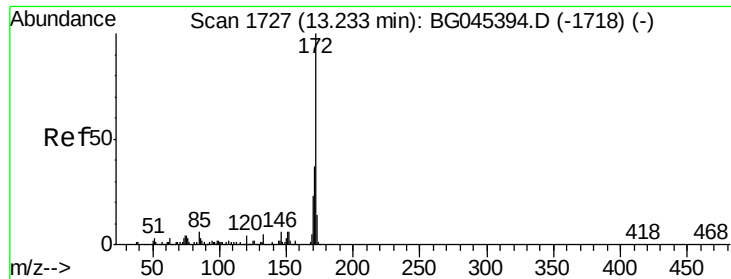
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 39.91 ng
 RT: 13.15 min Scan# 1712
 Delta R.T. -0.01 min
 Lab File: BG045433.D
 Acq: 20 May 2020 10:55

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	234755		
198	96.6	76.1	114.1	
97	48.2	40.0	60.0	
132	24.0	20.2	30.2	





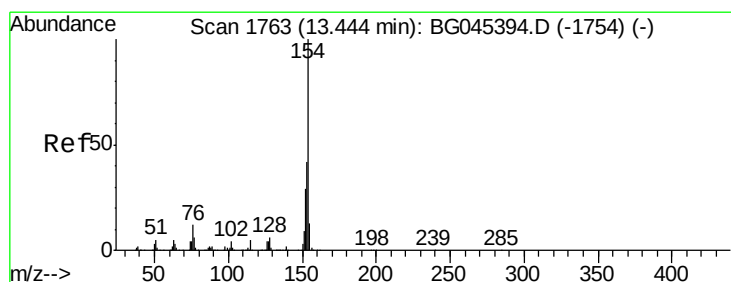
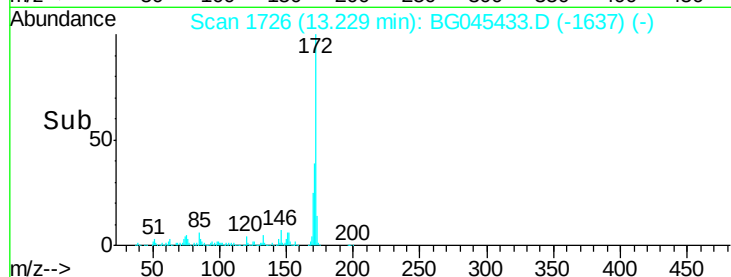
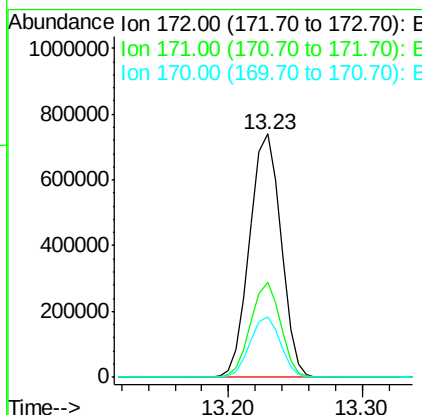
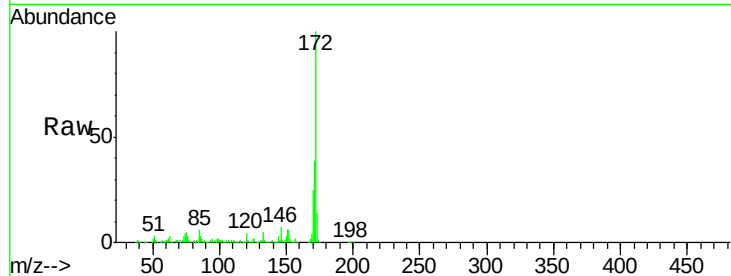
#45
2-Fluorobiphenyl
Concen: 76.69 ng
RT: 13.23 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BG045433.D
Acq: 20 May 2020 10:55

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.2	29.5	44.3
170	24.8	18.5	27.7

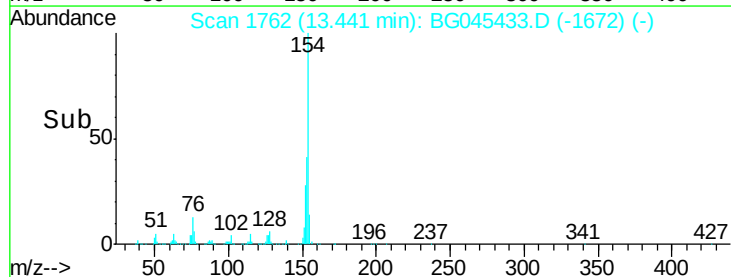
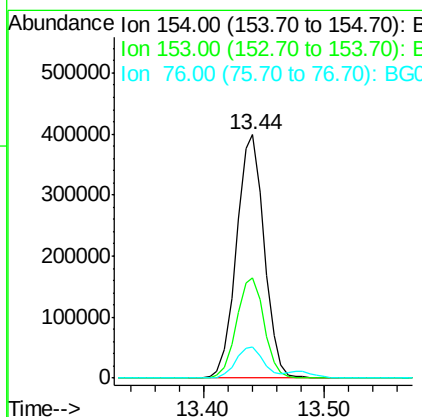
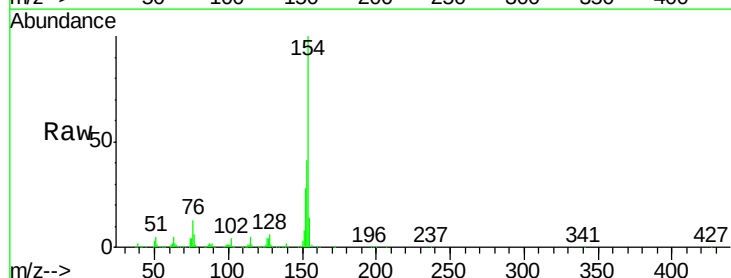
Manual Integrations
APPROVED

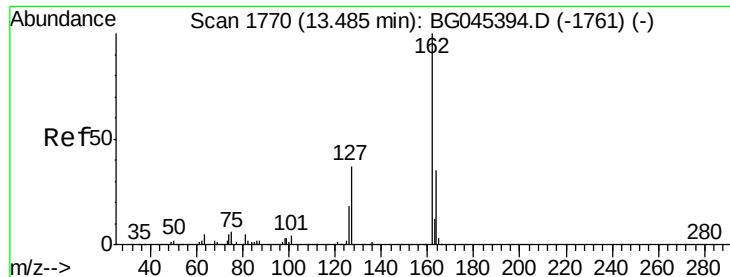
mohammad
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#46
1,1'-Biphenyl
Concen: 39.02 ng
RT: 13.44 min Scan# 1762
Delta R.T. -0.00 min
Lab File: BG045433.D
Acq: 20 May 2020 10:55

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	22.2	62.2
76	12.6	0.0	32.4





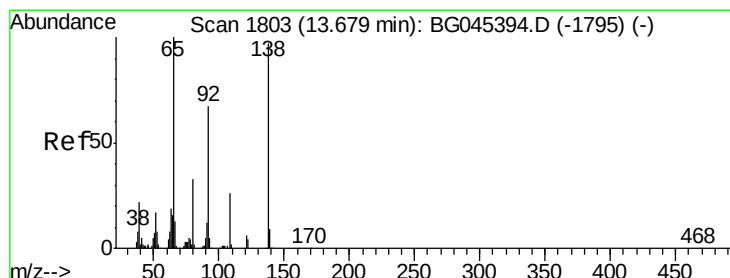
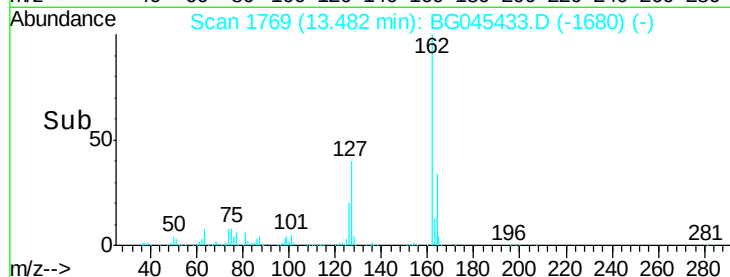
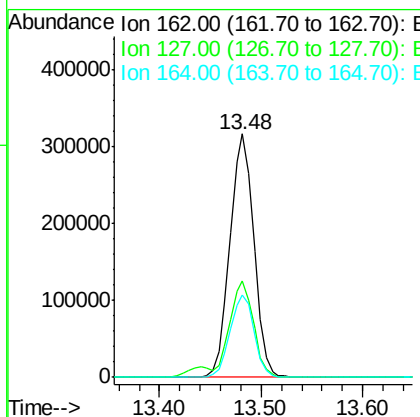
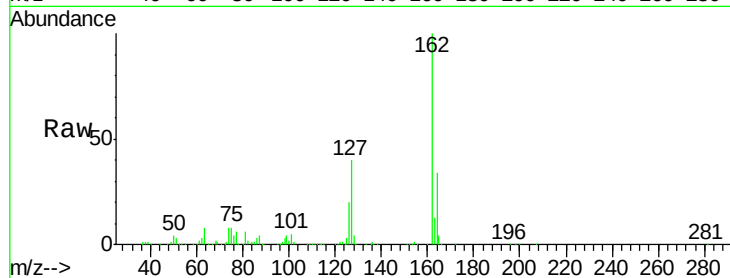
#47
2-Chloronaphthalene
Concen: 39.15 ng
RT: 13.48 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BG045433.D
Acq: 20 May 2020 10:55

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	518203		
127	39.7	31.6	47.4	
164	33.6	28.1	42.1	

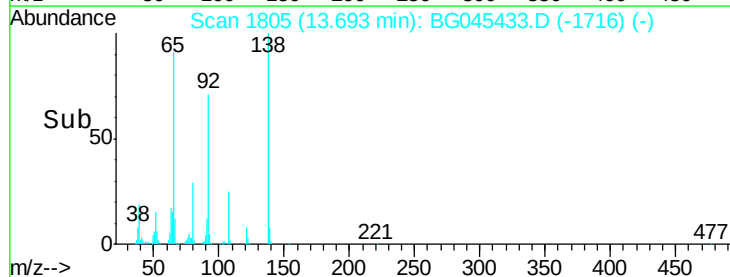
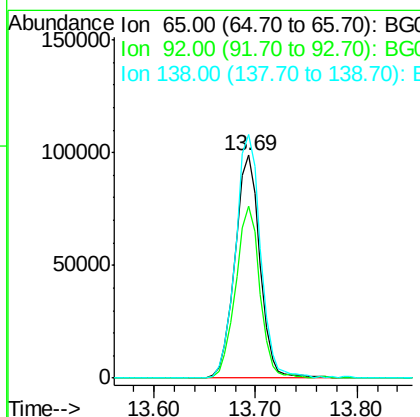
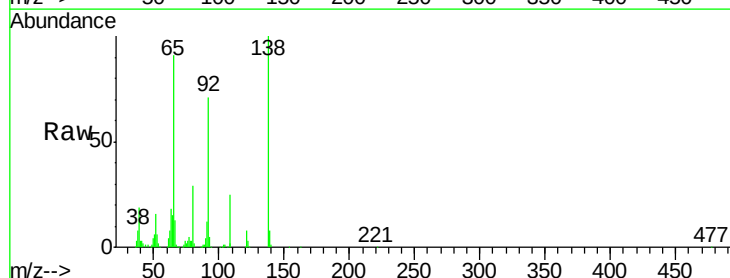
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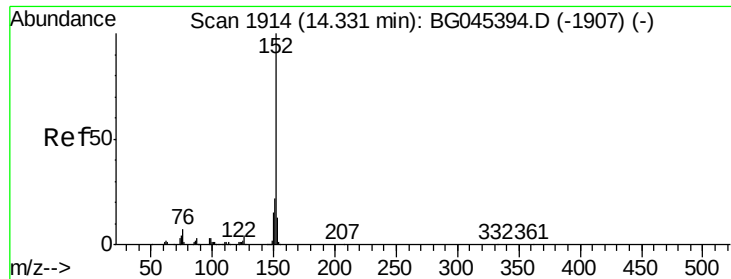
mohammad
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#48
2-Nitroaniline
Concen: 38.88 ng
RT: 13.69 min Scan# 1805
Delta R.T. -0.01 min
Lab File: BG045433.D
Acq: 20 May 2020 10:55

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	169290		
92	77.3	53.8	80.8	
138	109.3	77.9	116.9	





#49

Acenaphthylene

Concen: 39.43 ng

RT: 14.33 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

Instrument :

BNA_G

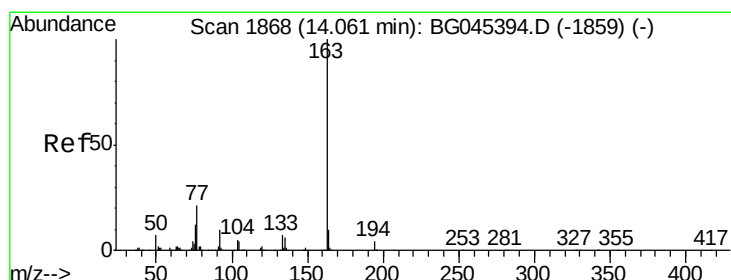
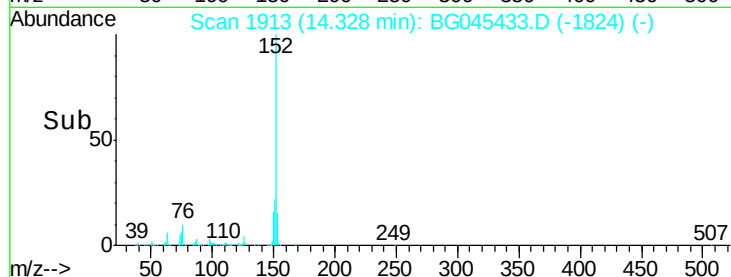
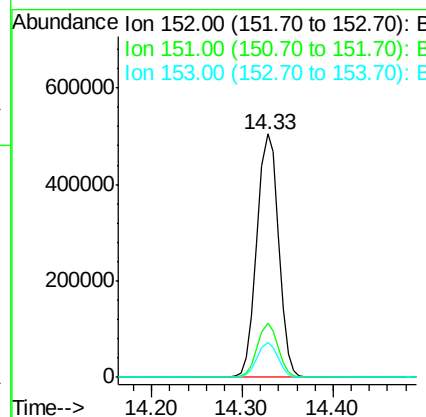
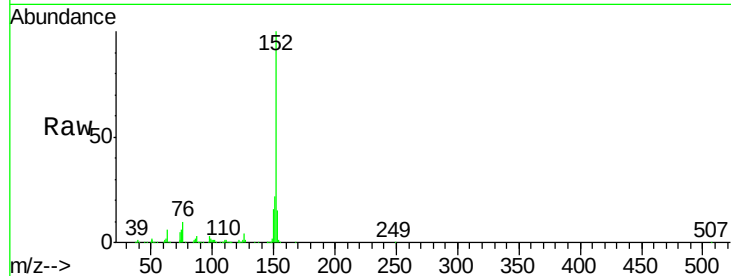
ClientSampleId :

SSTDCCC040

Tgt Ion:	152	Resp:	838416
Ion Ratio		Lower	Upper
152	100		
151	22.1	17.4	26.2
153	14.5	10.7	16.1

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#50

Dimethylphthalate

Concen: 39.39 ng

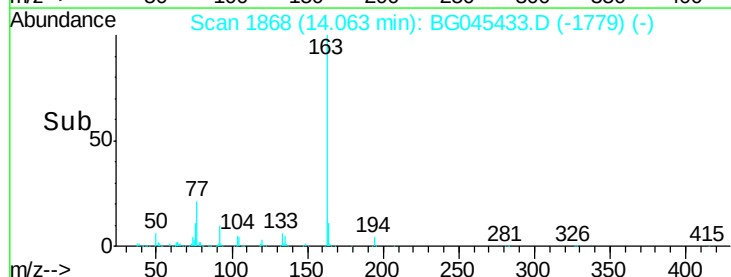
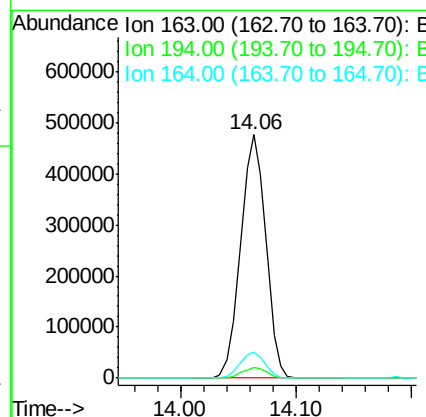
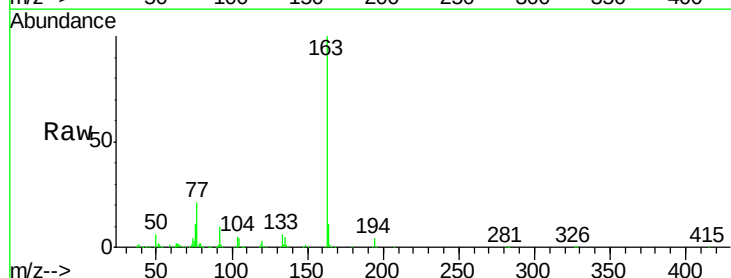
RT: 14.06 min Scan# 1868

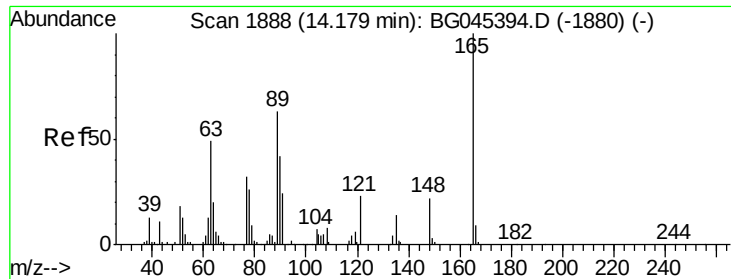
Delta R.T. -0.01 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

Tgt Ion:	163	Resp:	716963
Ion Ratio		Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.8	8.3	12.5





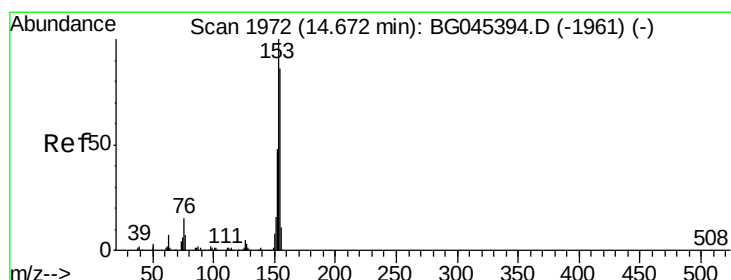
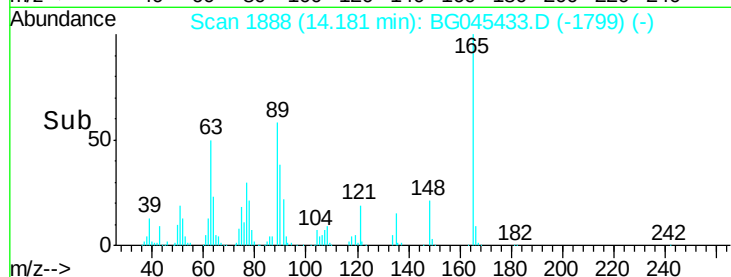
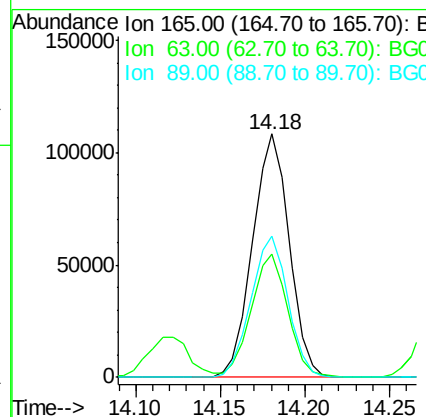
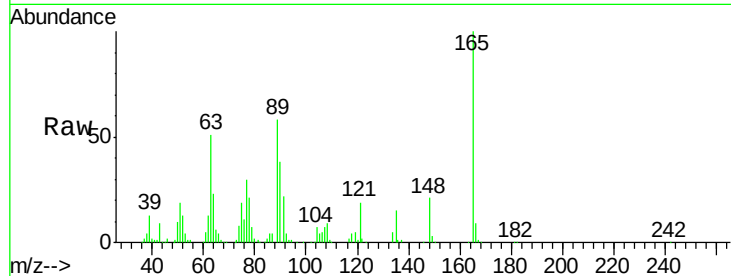
#51
2,6-Dinitrotoluene
Concen: 39.71 ng
RT: 14.18 min Scan# 1888
Delta R.T. -0.01 min
Lab File: BG045433.D
Acq: 20 May 2020 10:55

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	163089		
63	50.7	45.0	67.4	
89	58.1	50.2	75.4	

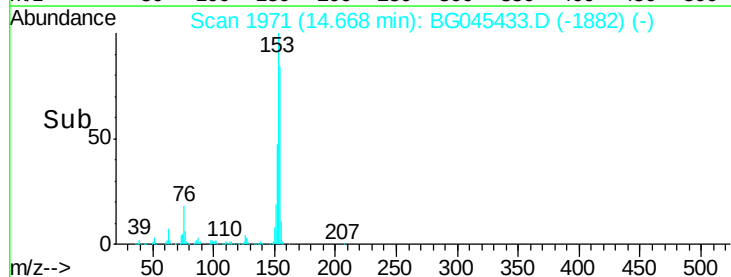
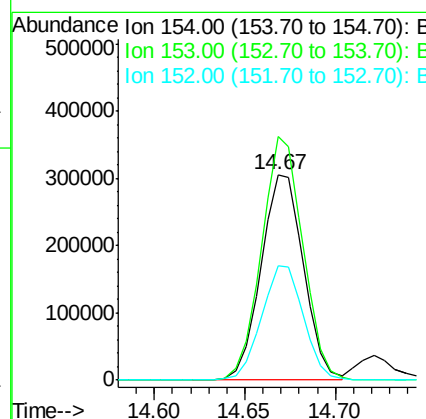
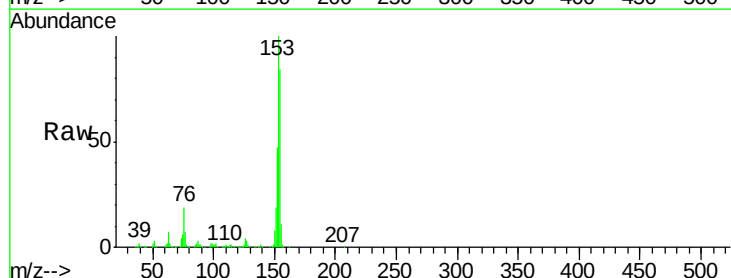
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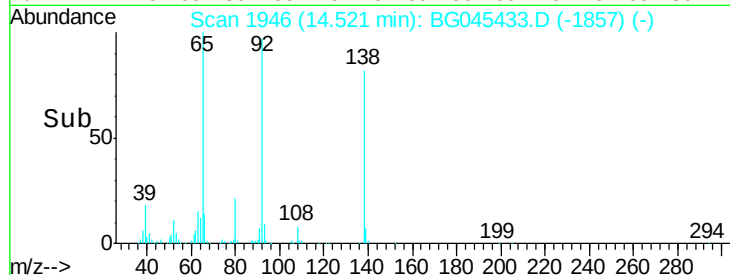
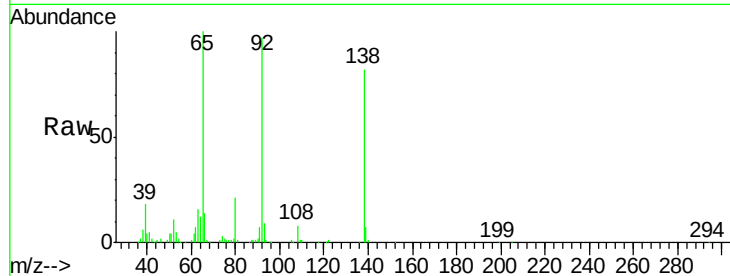
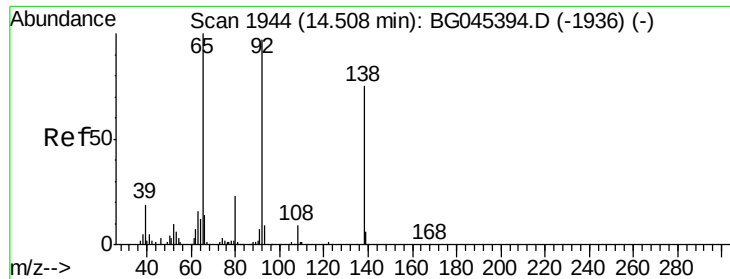
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#52
Acenaphthene
Concen: 35.19 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.01 min
Lab File: BG045433.D
Acq: 20 May 2020 10:55

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	500811		
153	118.4	92.8	139.2	
152	55.9	44.6	66.8	





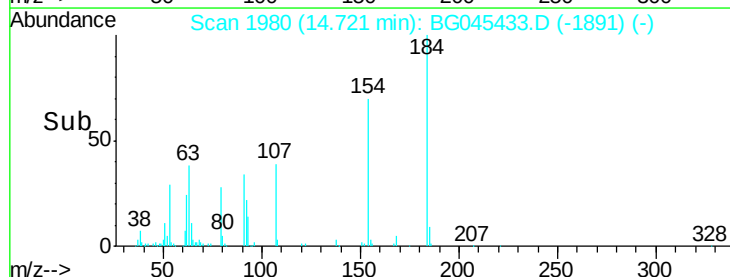
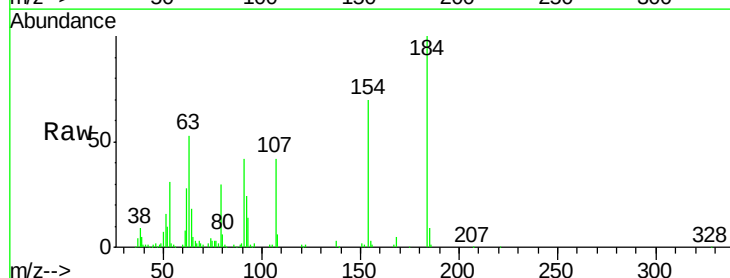
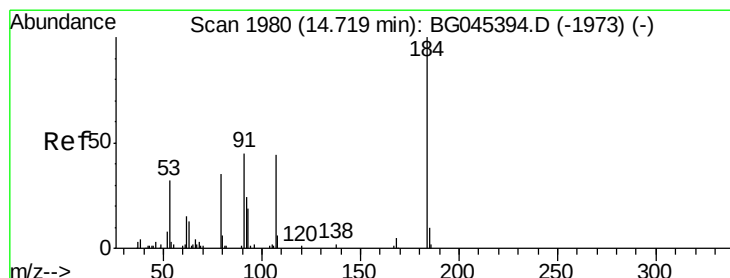
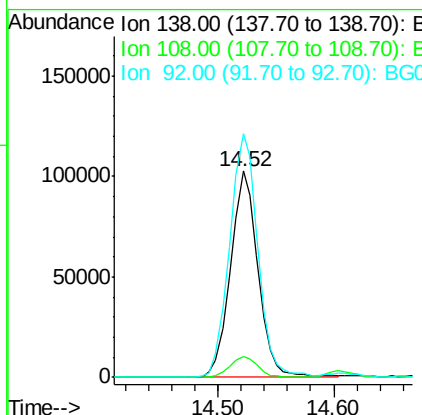
#53
3-Nitroaniline
Concen: 40.58 ng
RT: 14.52 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BG045433.D
Acq: 20 May 2020 10:55

Tgt Ion:138 Resp: 169406
Ion Ratio Lower Upper
138 100
108 10.2 9.8 14.6
92 118.3 103.0 154.4

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

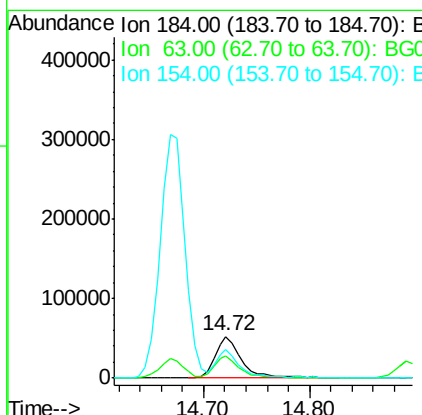
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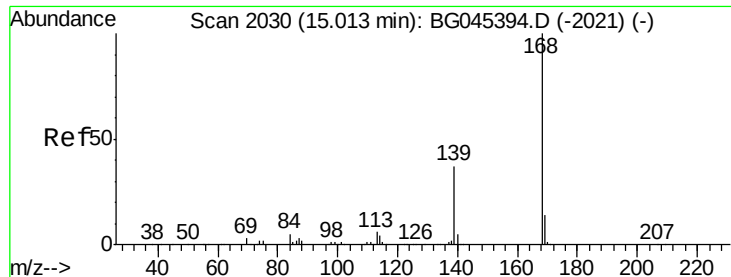
mohammad
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#54
2,4-Dinitrophenol
Concen: 36.74 ng
RT: 14.72 min Scan# 1980
Delta R.T. -0.01 min
Lab File: BG045433.D
Acq: 20 May 2020 10:55

Tgt Ion:184 Resp: 90306
Ion Ratio Lower Upper
184 100
63 52.5 47.8 71.6
154 70.0 58.3 87.5





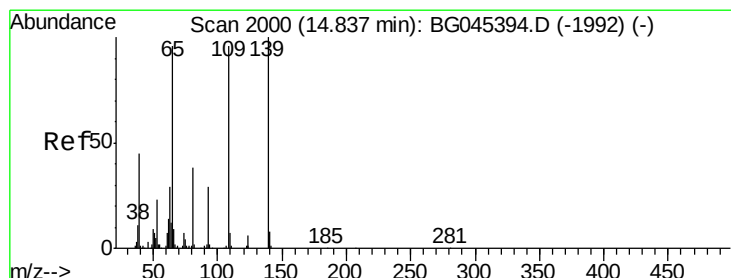
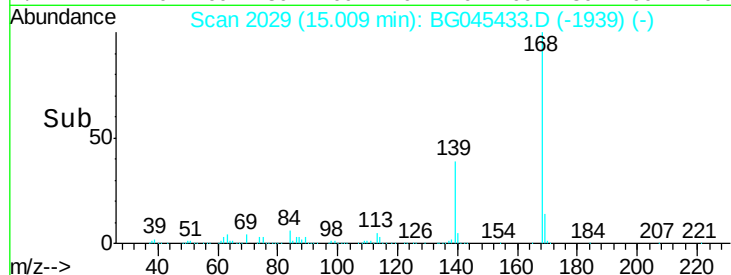
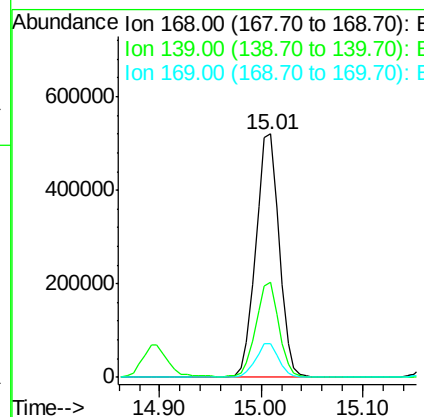
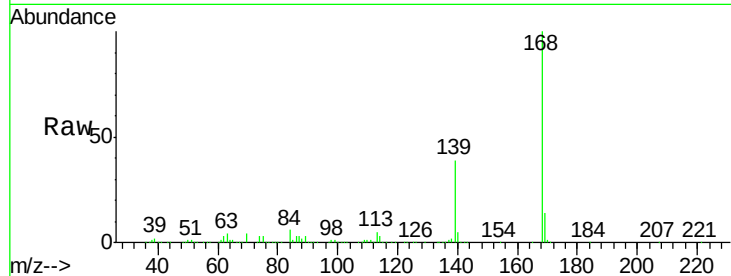
#55
Dibenzofuran
Concen: 39.42 ng
RT: 15.01 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BG045433.D
Acq: 20 May 2020 10:55

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	833171		
139	38.9	29.9	44.9	
169	13.7	10.9	16.3	

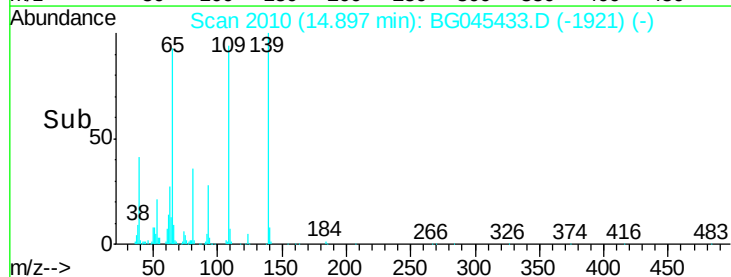
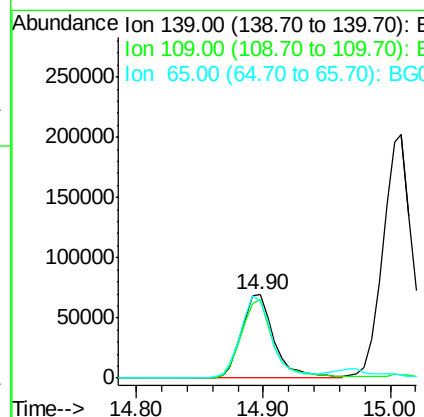
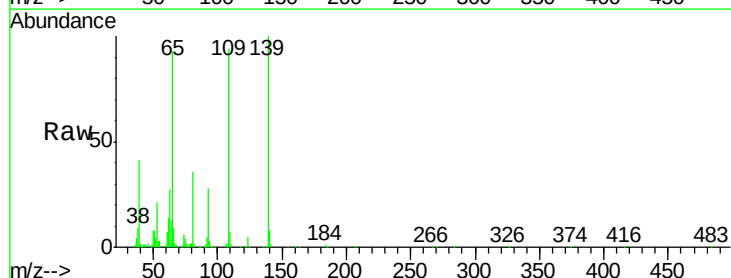
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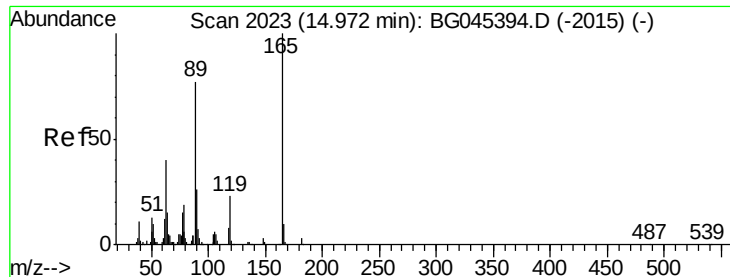
mohammad
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#56
4-Nitrophenol
Concen: 39.56 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BG045433.D
Acq: 20 May 2020 10:55

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	125033		
109	94.2	75.6	115.6	
65	93.3	76.8	116.8	





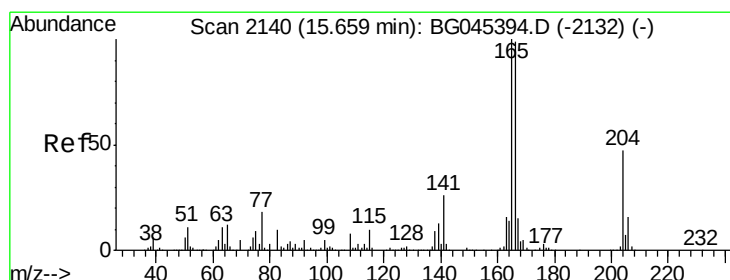
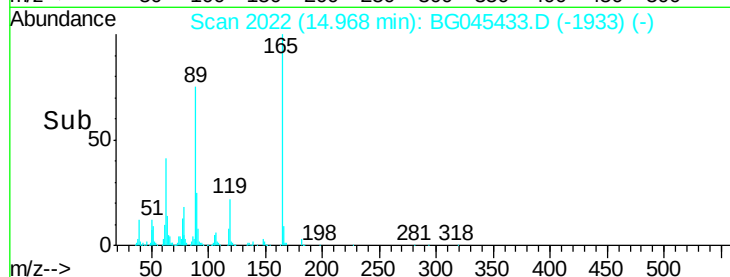
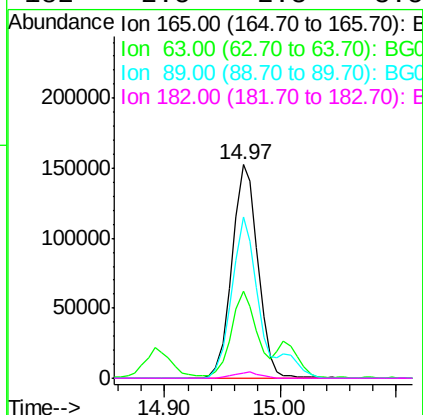
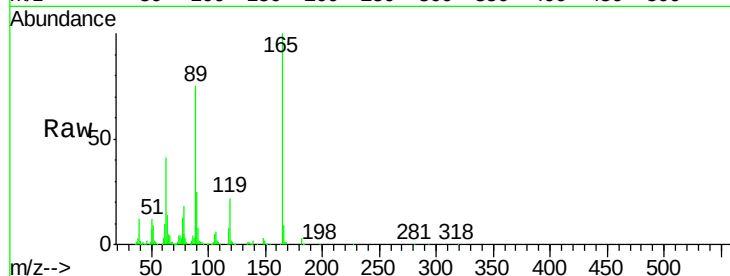
#57
2,4-Dinitrotoluene
Concen: 39.71 ng
RT: 14.97 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BG045433.D
Acq: 20 May 2020 10:55

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
165	100		
63	40.7	32.5	48.7
89	75.3	61.8	92.6
182	2.5	2.3	3.5

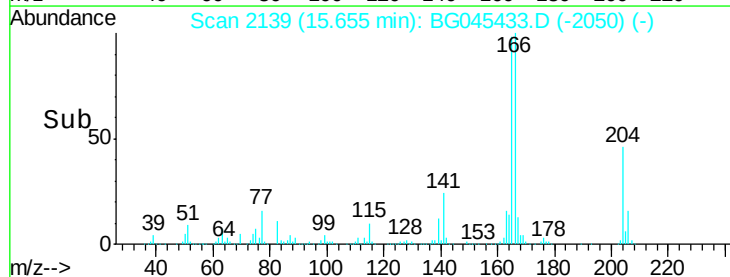
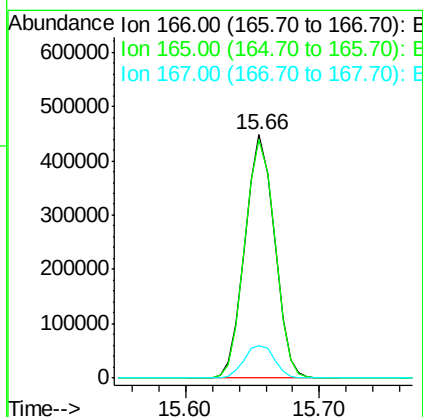
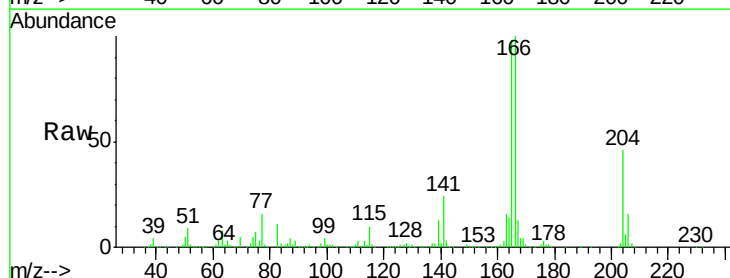
Manual Integrations
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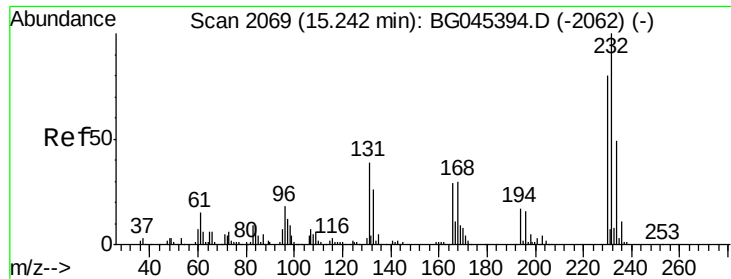
mohammad
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#58
Fluorene
Concen: 39.57 ng
RT: 15.66 min Scan# 2139
Delta R.T. -0.01 min
Lab File: BG045433.D
Acq: 20 May 2020 10:55

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.1	80.8	121.2
167	13.4	12.0	18.0





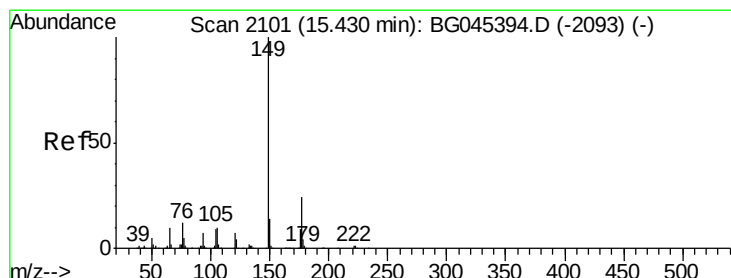
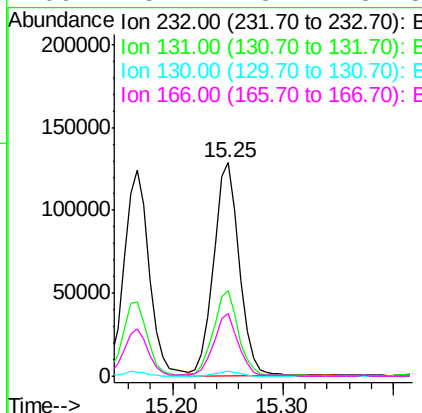
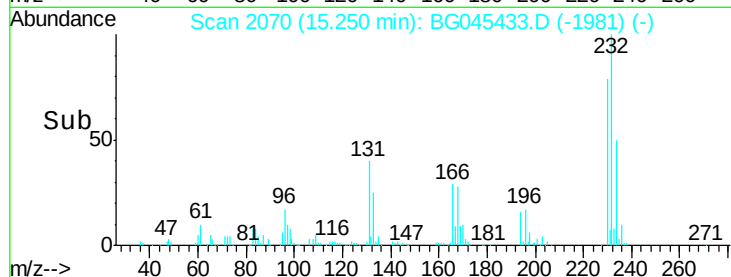
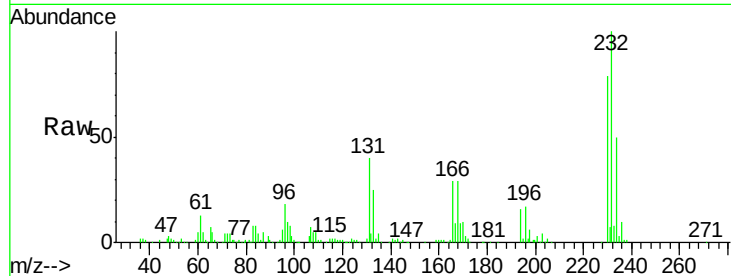
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.79 ng
 RT: 15.25 min Scan# 2070
 Delta R.T. -0.01 min
 Lab File: BG045433.D
 Acq: 20 May 2020 10:55

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	205943		
131	39.0		33.7	50.5
130	2.4		2.1	3.1
166	28.1		23.2	34.8

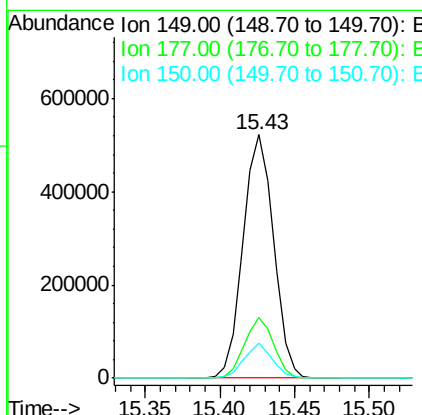
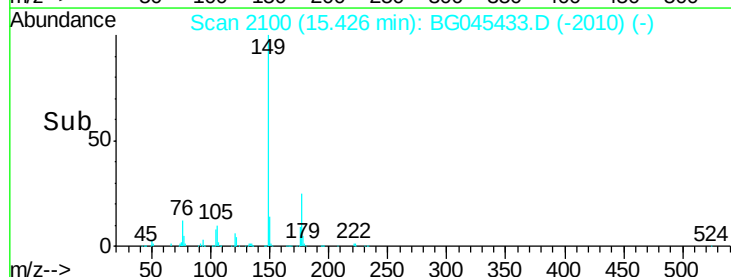
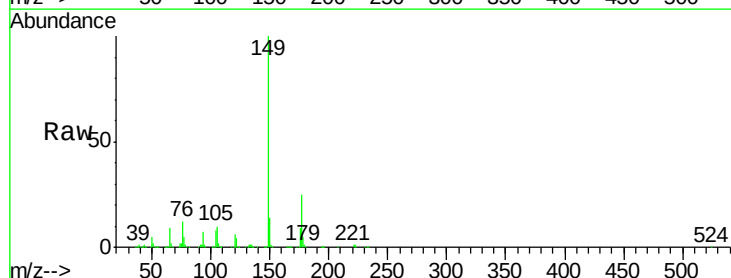
Manual Integrations
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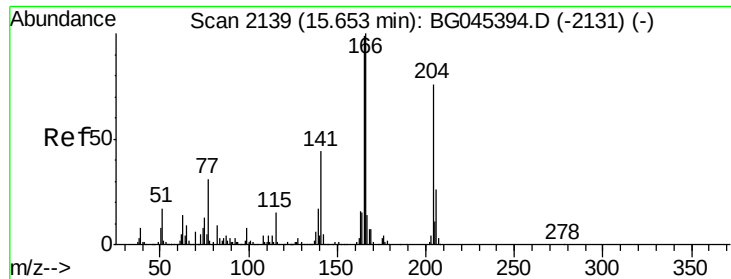
mohammad
 5/21/2020 10:23:16 AM



#60
 Diethylphthalate
 Concen: 38.99 ng
 RT: 15.43 min Scan# 2100
 Delta R.T. -0.00 min
 Lab File: BG045433.D
 Acq: 20 May 2020 10:55

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	738540		
177	24.6		19.0	28.4
150	14.2		11.4	17.0





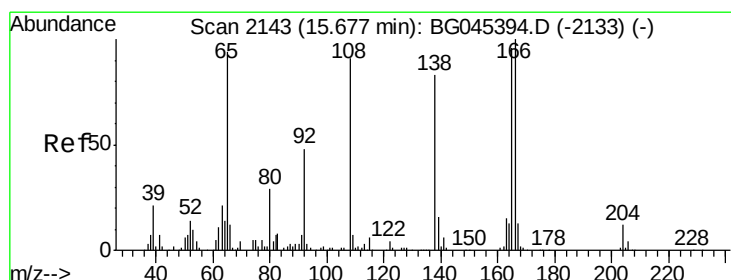
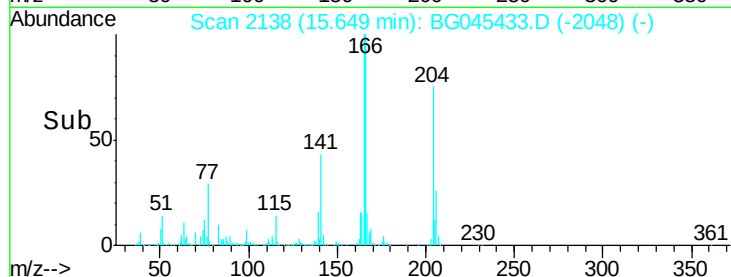
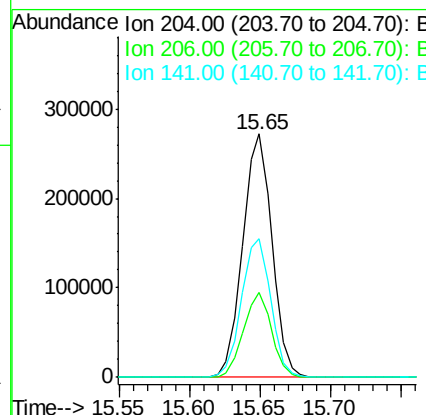
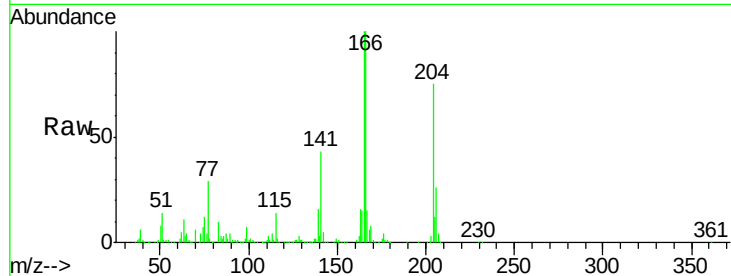
#61
 4-Chlorophenyl-phenylether
 Concen: 39.63 ng
 RT: 15.65 min Scan# 2138
 Delta R.T. -0.00 min
 Lab File: BG045433.D
 Acq: 20 May 2020 10:55

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	393780		
206	35.0	27.3	40.9	
141	57.0	45.9	68.9	

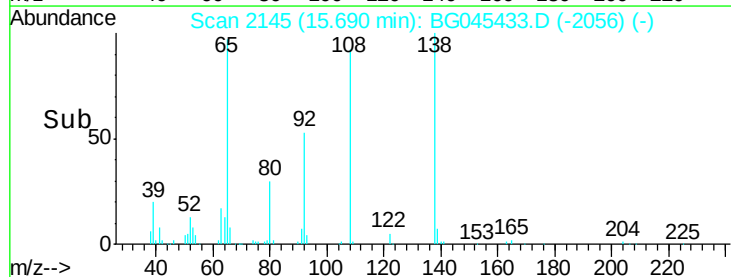
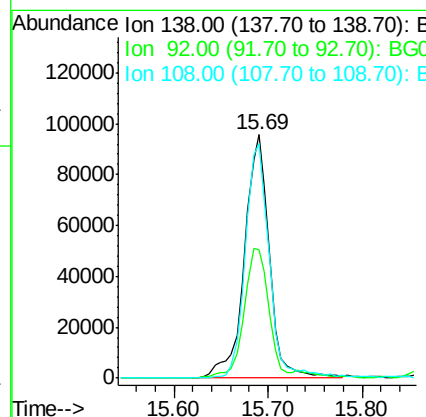
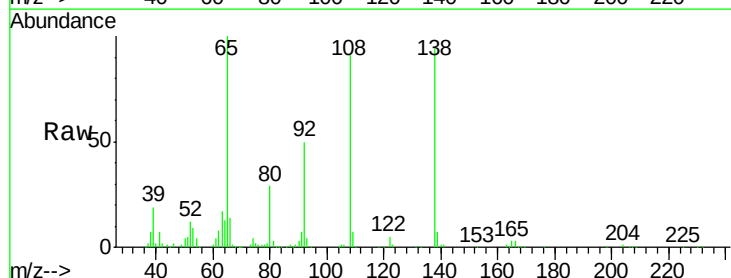
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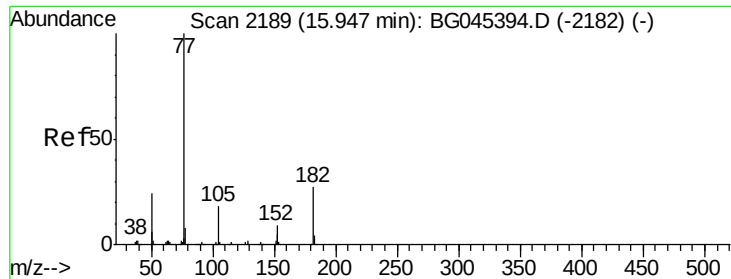
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#62
 4-Nitroaniline
 Concen: 40.48 ng
 RT: 15.69 min Scan# 2145
 Delta R.T. -0.01 min
 Lab File: BG045433.D
 Acq: 20 May 2020 10:55

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	176406		
92	52.9	38.0	78.0	
108	96.6	89.3	129.3	





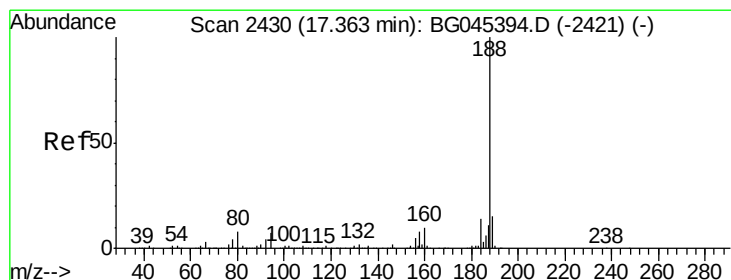
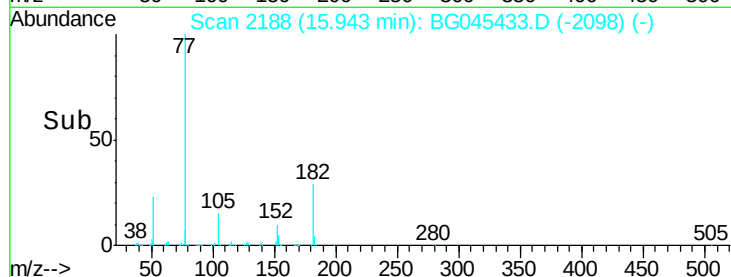
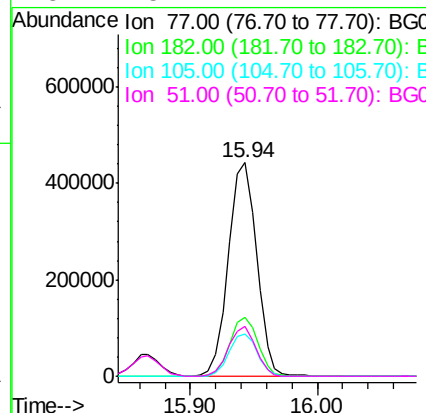
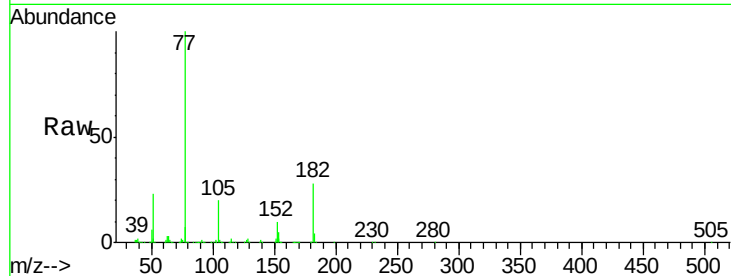
#63
Azobenzene
Concen: 38.63 ng
RT: 15.94 min Scan# 2188
Delta R.T. -0.00 min
Lab File: BG045433.D
Acq: 20 May 2020 10:55

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.8	6.5	46.5
105	19.5	0.0	37.9
51	23.4	4.1	44.1

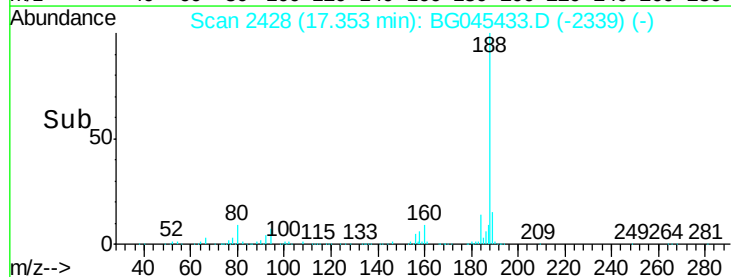
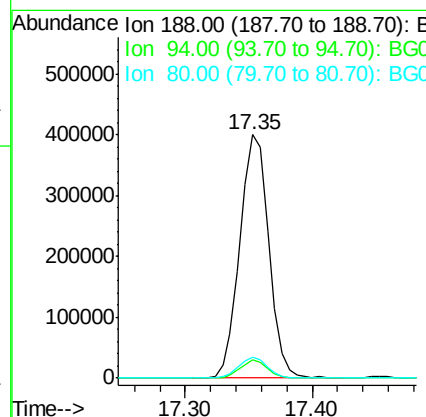
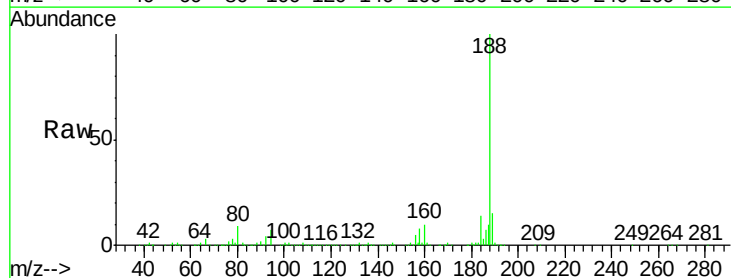
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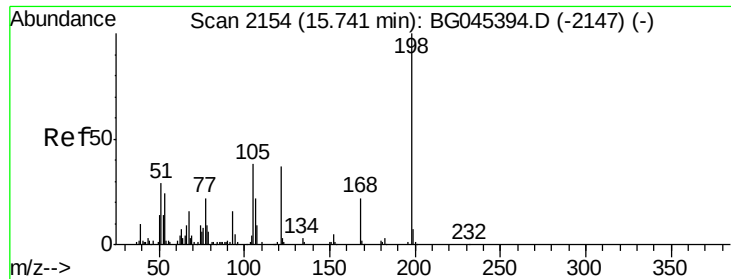
mohammad
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.35 min Scan# 2428
Delta R.T. -0.01 min
Lab File: BG045433.D
Acq: 20 May 2020 10:55

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.5	5.5	8.3
80	8.7	6.6	10.0





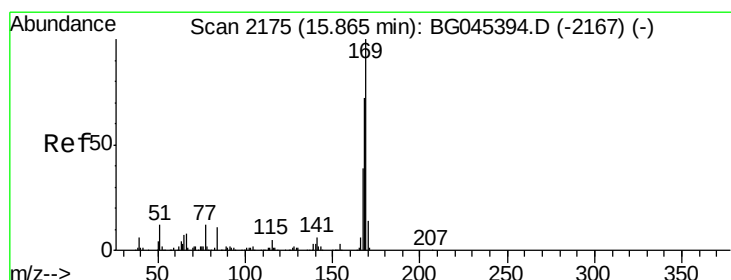
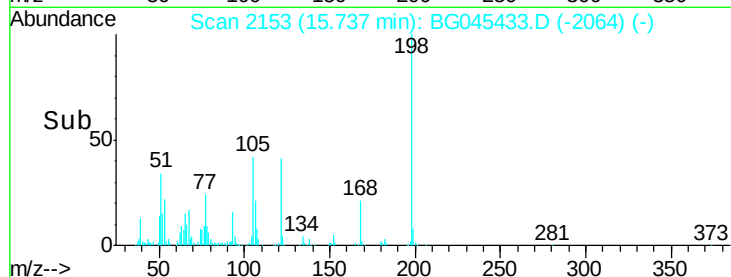
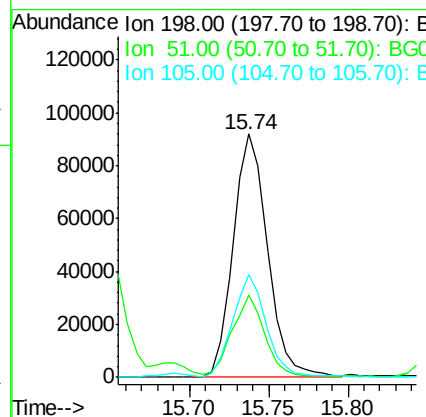
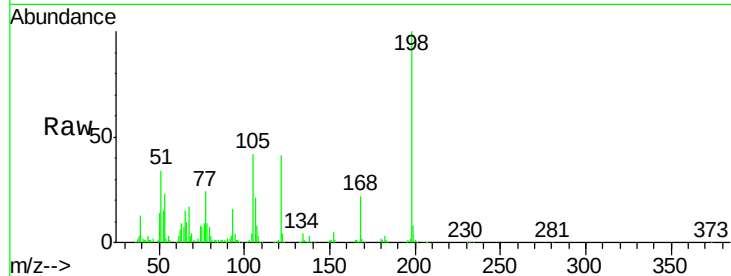
#65
 4,6-Dinitro-2-methylphenol
 Concen: 37.70 ng
 RT: 15.74 min Scan# 2153
 Delta R.T. -0.01 min
 Lab File: BG045433.D
 Acq: 20 May 2020 10:55

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	138741		
51	33.8	10.0	50.0	
105	42.4	18.9	58.9	

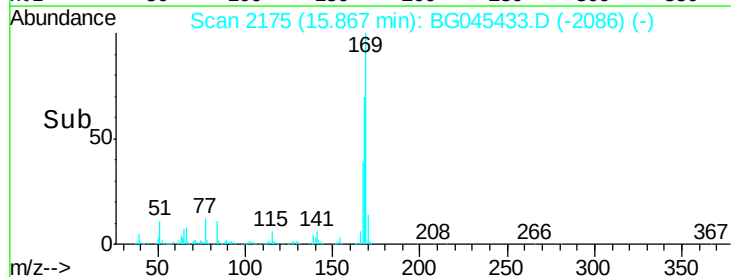
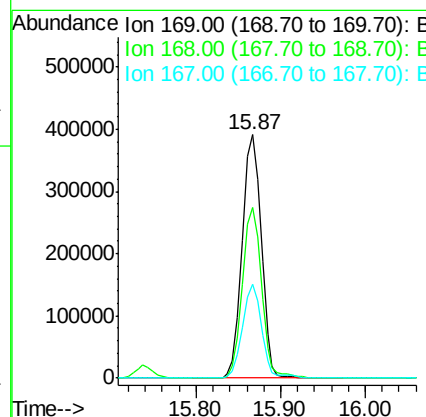
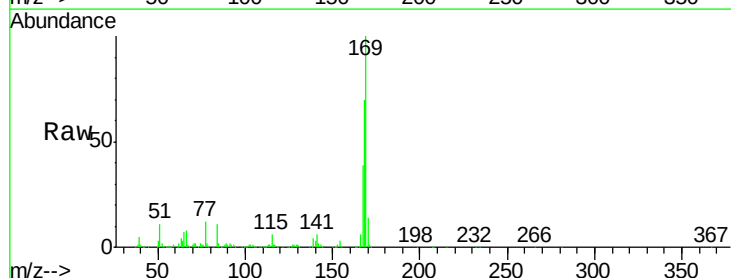
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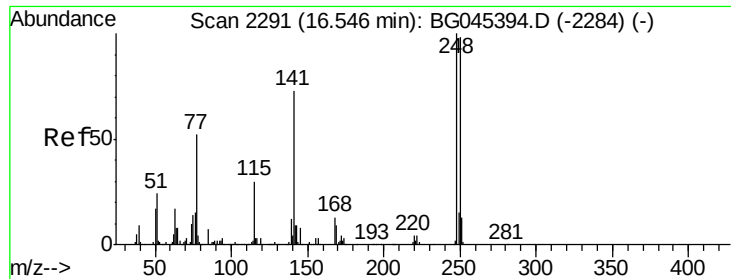
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#66
 n-Nitrosodiphenylamine
 Concen: 39.85 ng
 RT: 15.87 min Scan# 2175
 Delta R.T. -0.01 min
 Lab File: BG045433.D
 Acq: 20 May 2020 10:55

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	604670		
168	70.2	57.8	86.6	
167	38.6	31.5	47.3	





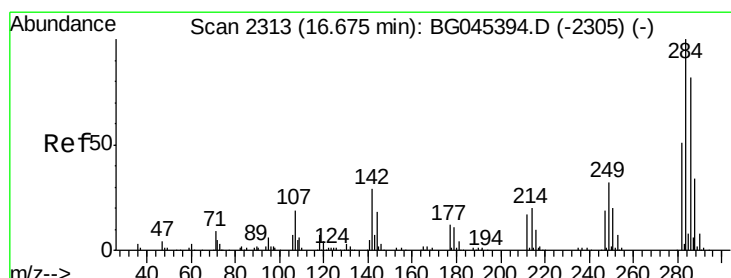
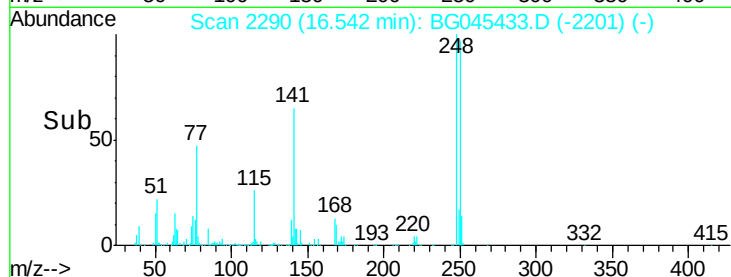
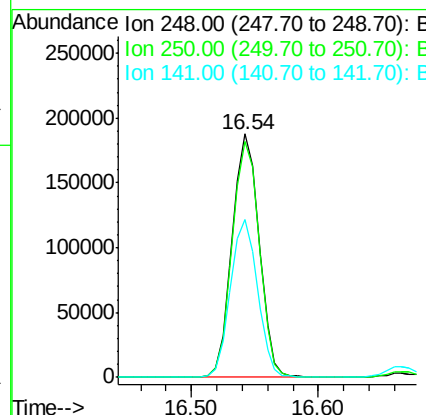
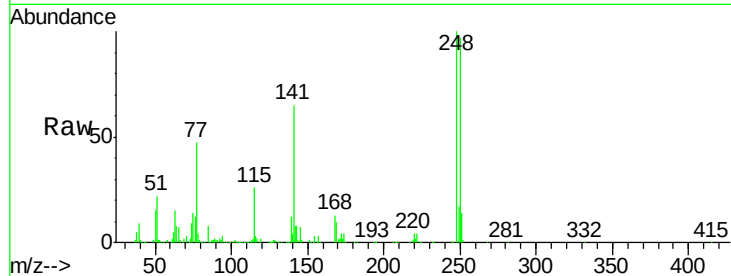
#67
 4-Bromophenyl-phenylether
 Concen: 40.44 ng
 RT: 16.54 min Scan# 2290
 Delta R.T. -0.01 min
 Lab File: BG045433.D
 Acq: 20 May 2020 10:55

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.0	78.6	117.8
141	65.1	58.2	87.2

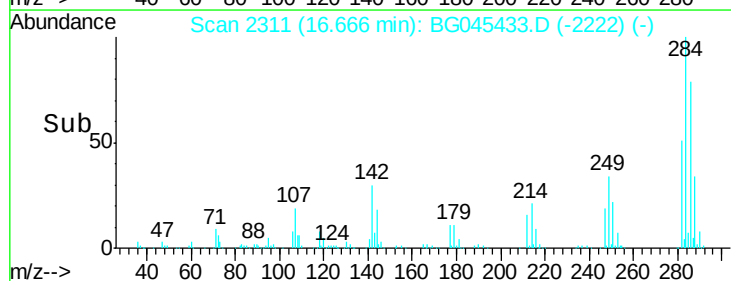
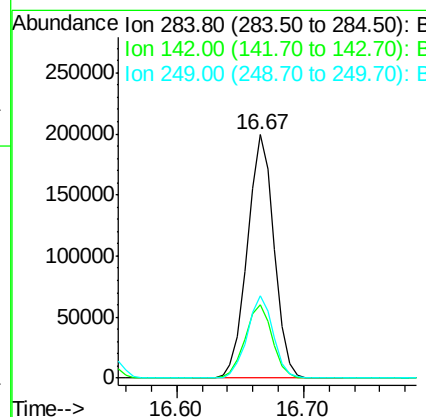
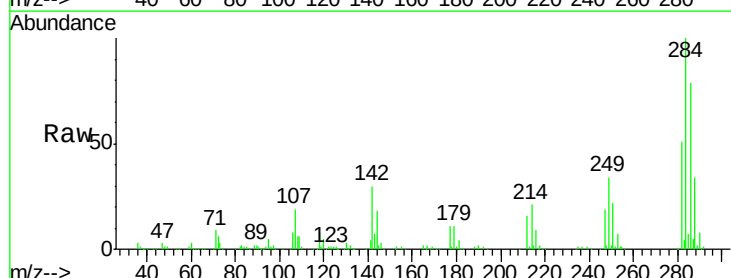
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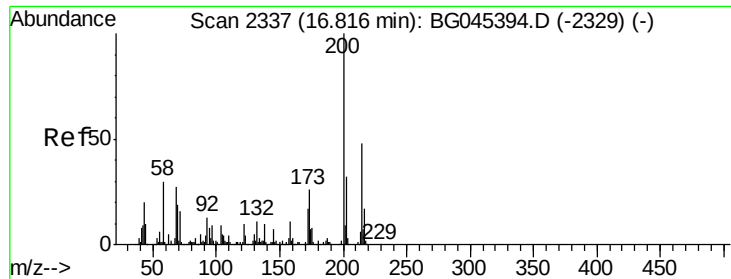
mohammad
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#68
 Hexachlorobenzene
 Concen: 40.63 ng
 RT: 16.67 min Scan# 2311
 Delta R.T. -0.01 min
 Lab File: BG045433.D
 Acq: 20 May 2020 10:55

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.9	23.0	34.6
249	34.0	25.8	38.6





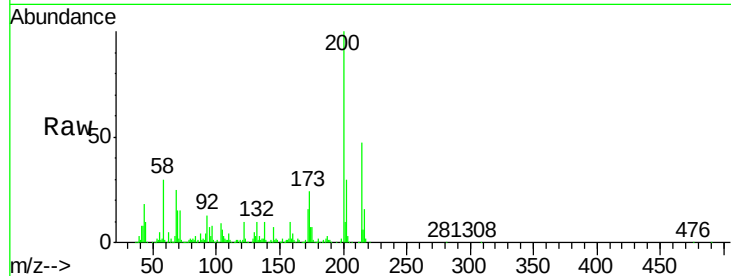
#69
Atrazine
Concen: 39.45 ng
RT: 16.82 min Scan# 2337
Delta R.T. -0.00 min
Lab File: BG045433.D
Acq: 20 May 2020 10:55

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

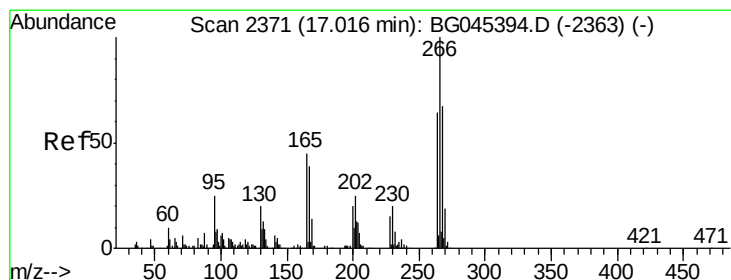
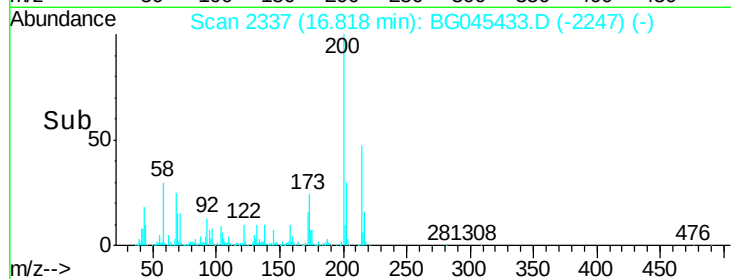
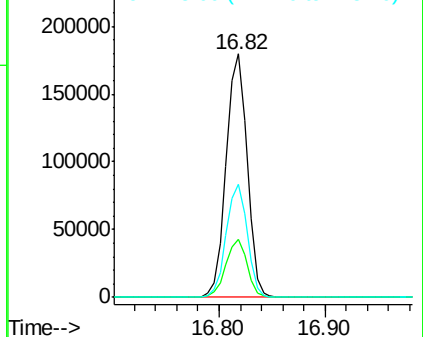
Tgt Ion	Ratio	Resp	Lower	Upper
200	100	246559		
173	23.8	5.5	45.5	
215	46.5	28.2	68.2	

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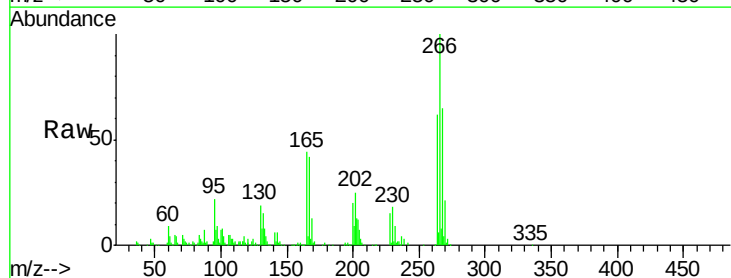


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

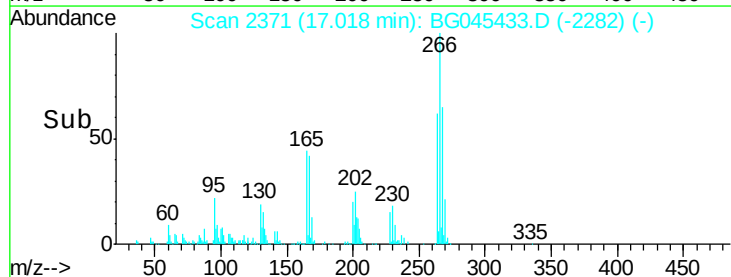
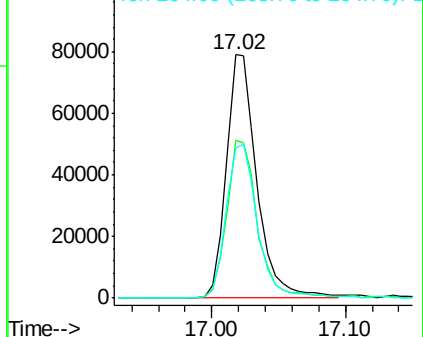


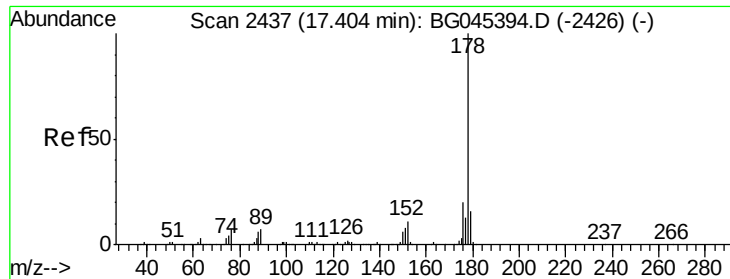
#70
Pentachlorophenol
Concen: 33.97 ng
RT: 17.02 min Scan# 2371
Delta R.T. -0.01 min
Lab File: BG045433.D
Acq: 20 May 2020 10:55

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	126226		
268	65.0	53.2	79.8	
264	61.7	51.0	76.4	



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





#71

Phenanthrene

Concen: 39.82 ng

RT: 17.40 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:178 Resp: 1098427

Ion Ratio Lower Upper

178 100

176 21.1 16.2 24.4

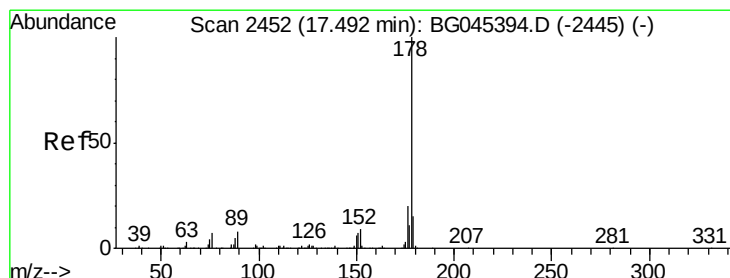
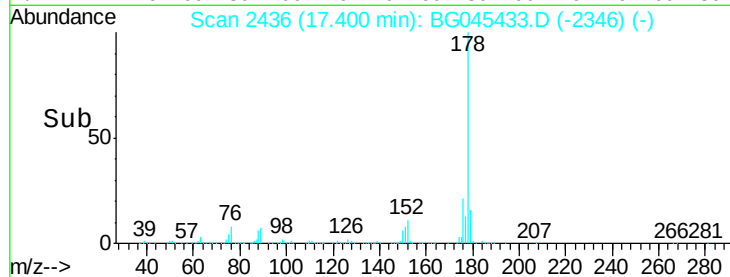
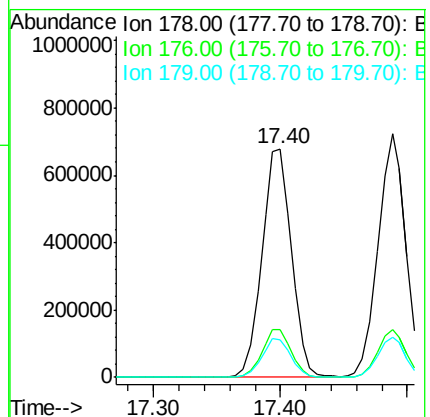
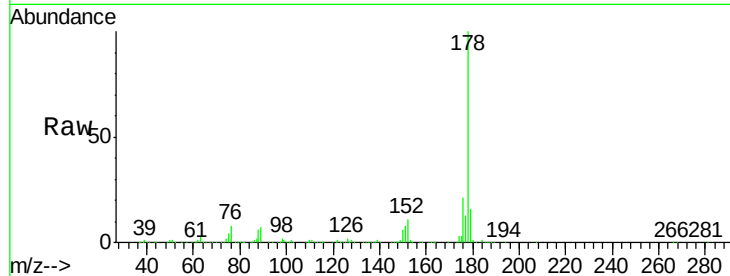
179 16.3 13.1 19.7

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#72

Anthracene

Concen: 39.99 ng

RT: 17.49 min Scan# 2451

Delta R.T. -0.01 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

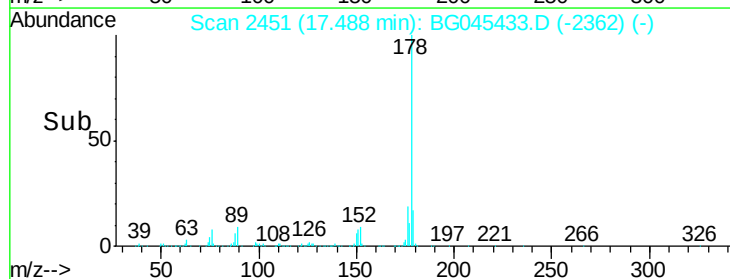
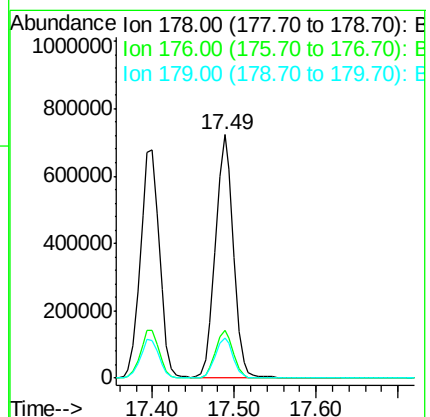
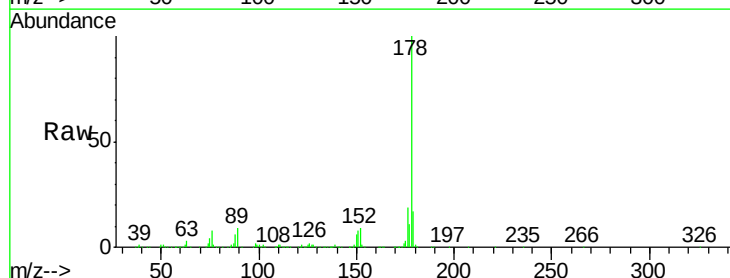
Tgt Ion:178 Resp: 1107877

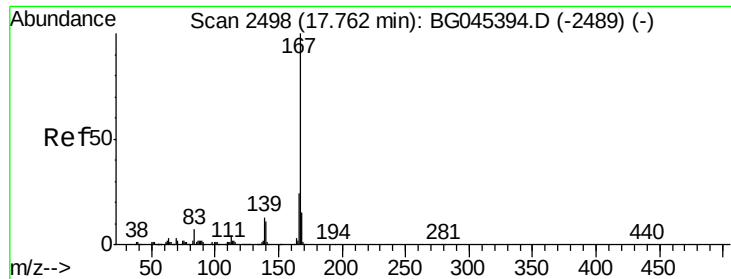
Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.6

179 16.5 12.2 18.4





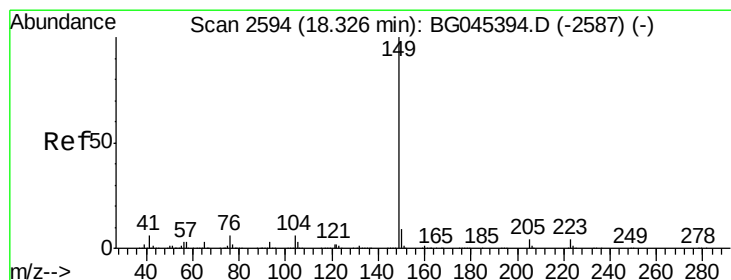
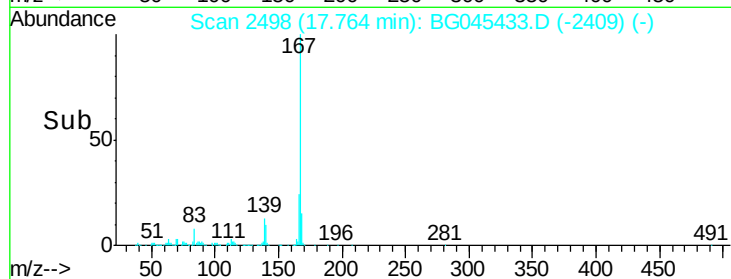
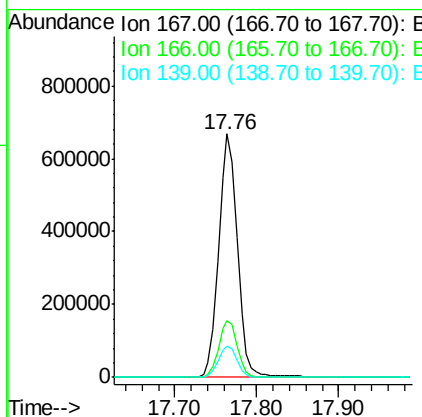
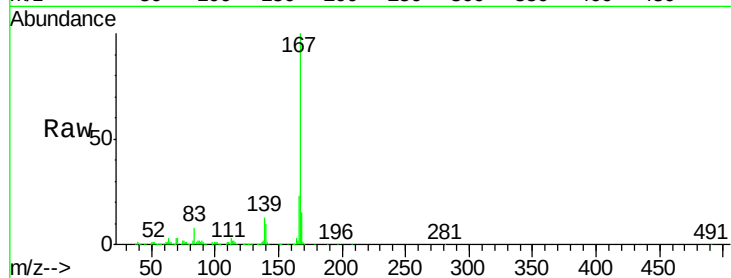
#73
 Carbazole
 Concen: 39.53 ng
 RT: 17.76 min Scan# 2498
 Delta R.T. -0.01 min
 Lab File: BG045433.D
 Acq: 20 May 2020 10:55

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.5	19.2	28.8
139	13.0	10.6	16.0

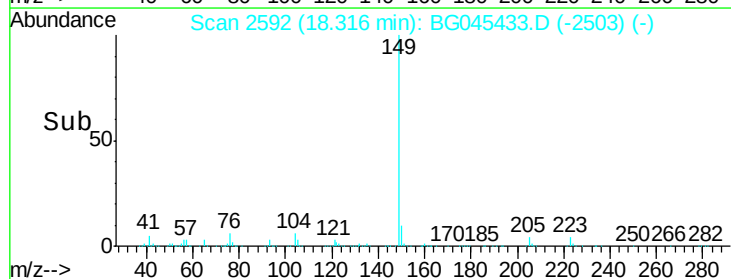
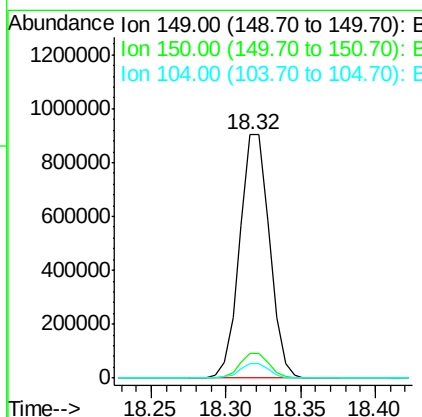
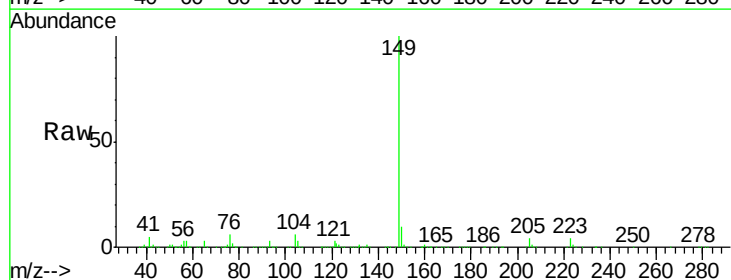
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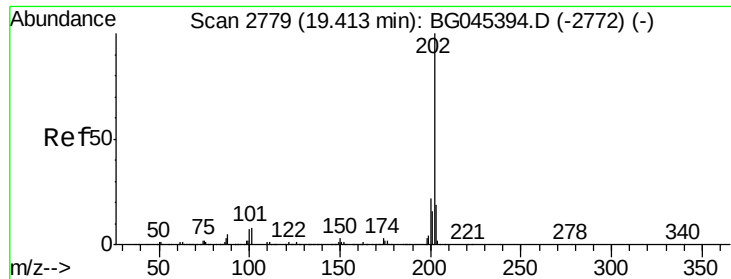
mohammad
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#74
 Di-n-butylphthalate
 Concen: 38.62 ng
 RT: 18.32 min Scan# 2592
 Delta R.T. -0.01 min
 Lab File: BG045433.D
 Acq: 20 May 2020 10:55

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.4	7.6	11.4
104	5.9	5.0	7.4





#75

Fluoranthene

Concen: 38.15 ng

RT: 19.41 min Scan# 2778

Delta R.T. -0.00 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

Instrument :

BNA_G

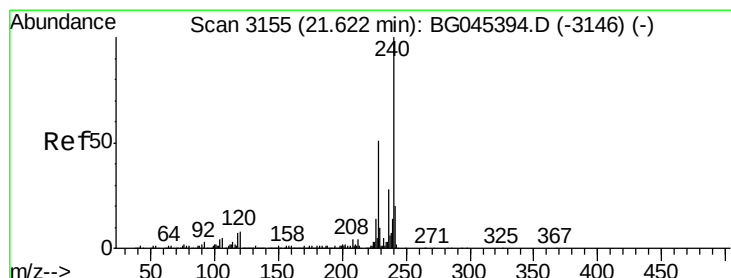
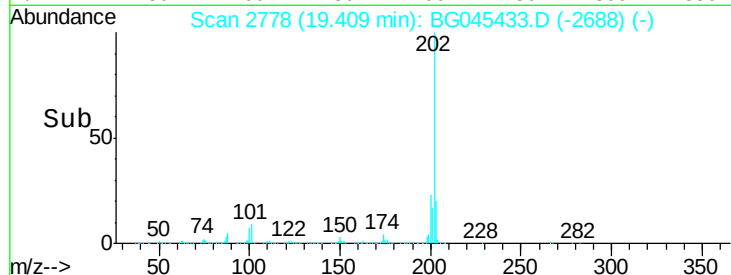
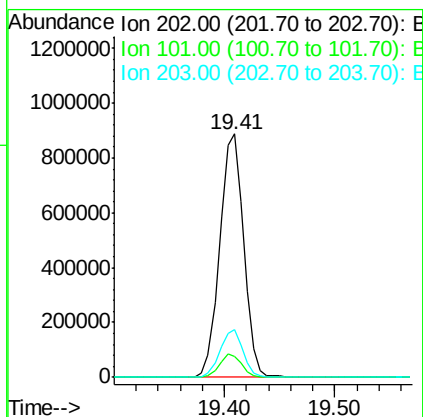
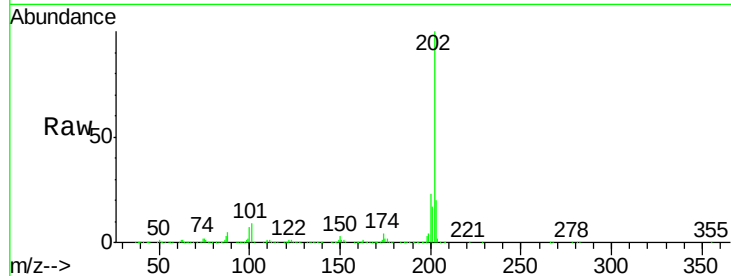
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	28.3
203	19.8	0.0	39.0

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#76

Chrysene-d12

Concen: 20.00 ng

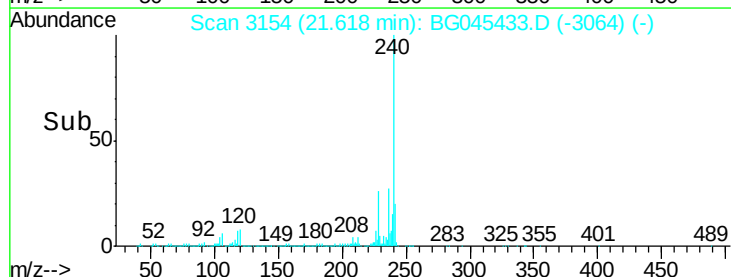
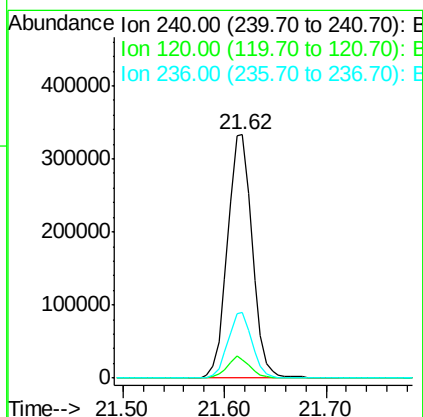
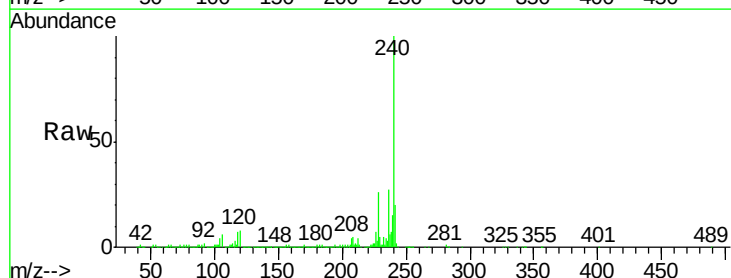
RT: 21.62 min Scan# 3154

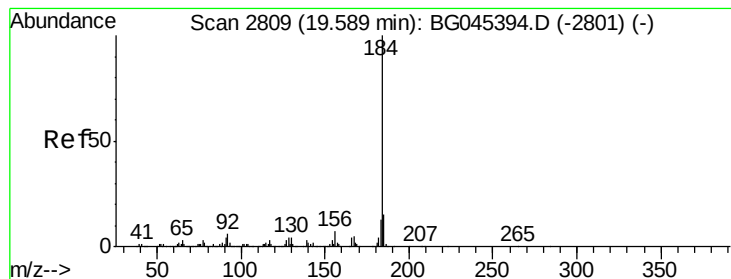
Delta R.T. -0.00 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.6	6.1	9.1
236	27.1	22.3	33.5





#77

Benzidine

Concen: 36.62 ng

RT: 19.59 min Scan# 2808

Delta R.T. -0.01 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

Instrument :

BNA_G

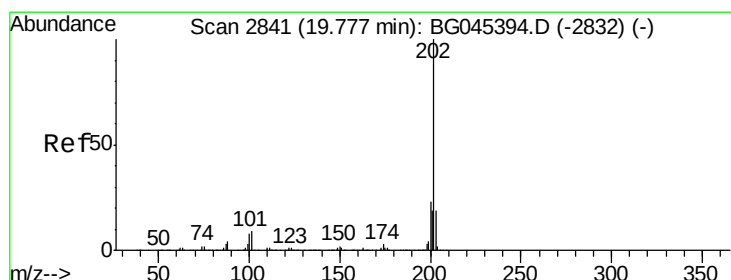
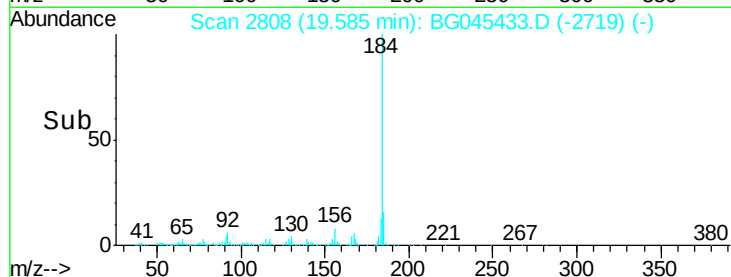
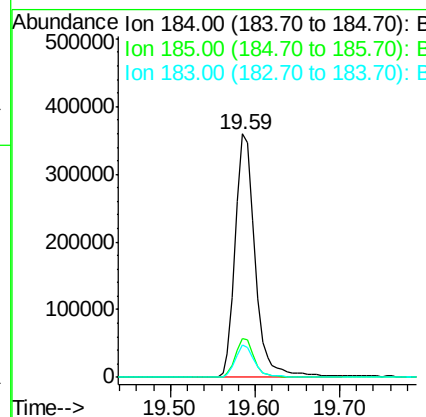
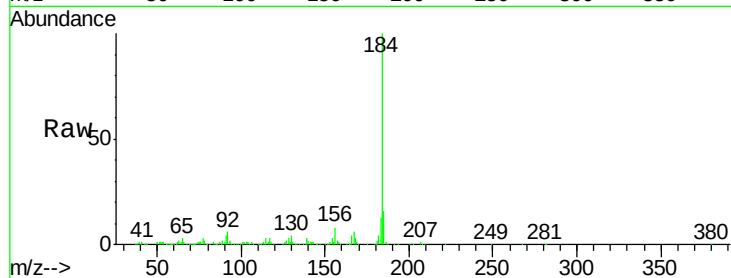
ClientSampleId :

SSTDCCC040

Tgt Ion:	184	Resp:	582184
Ion Ratio	Lower	Upper	
184	100		
185	15.8	11.7	17.5
183	13.3	10.2	15.4

Manual Integrations
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#78

Pyrene

Concen: 41.81 ng

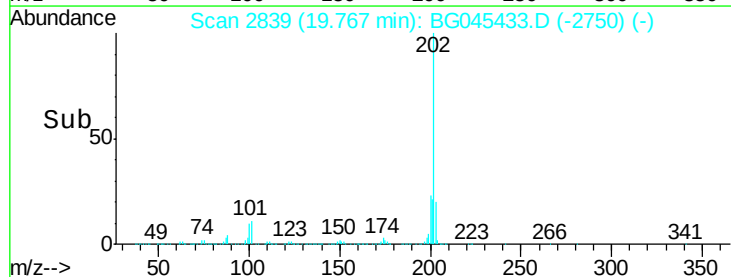
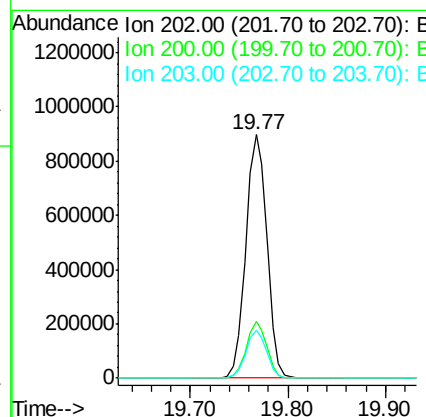
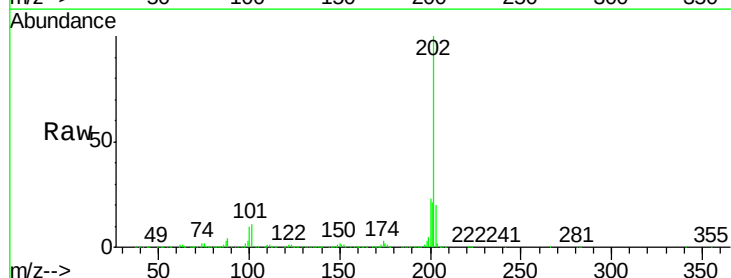
RT: 19.77 min Scan# 2839

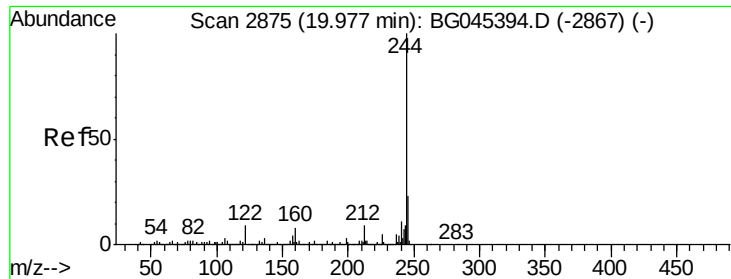
Delta R.T. -0.01 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

Tgt Ion:	202	Resp:	1349076
Ion Ratio	Lower	Upper	
202	100		
200	23.1	18.2	27.2
203	19.7	15.1	22.7





#79

Terphenyl-d14

Concen: 80.57 ng

RT: 19.97 min Scan# 2873

Delta R.T. -0.01 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:244 Resp: 1955233

Ion Ratio Lower Upper

244 100

212 9.7 7.4 11.0

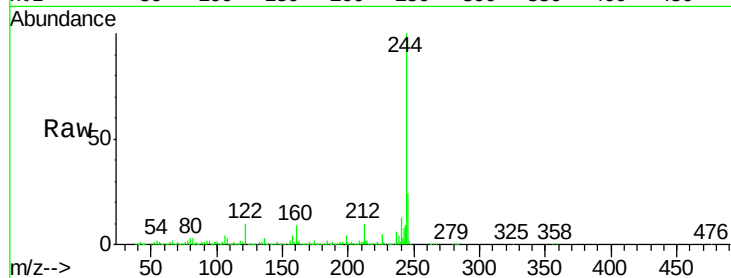
122 9.9 6.8 10.2

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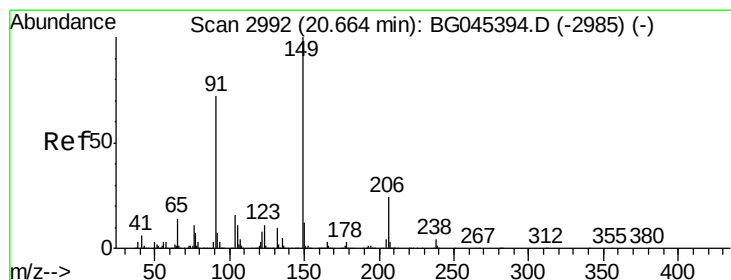
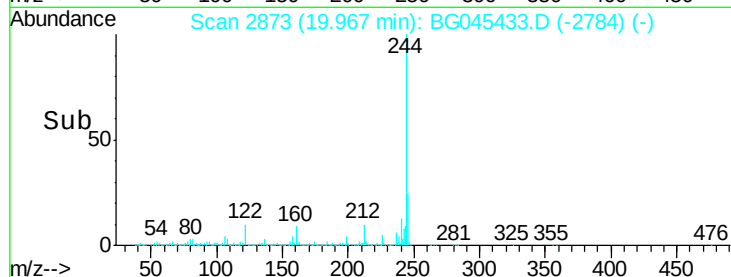
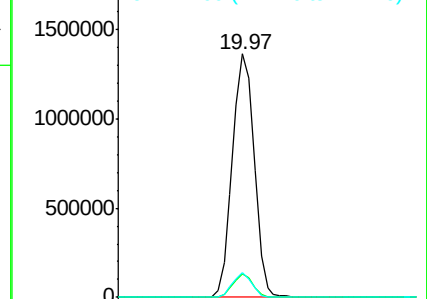
5/21/2020 10:23:16 AM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.47 ng

RT: 20.65 min Scan# 2990

Delta R.T. -0.01 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

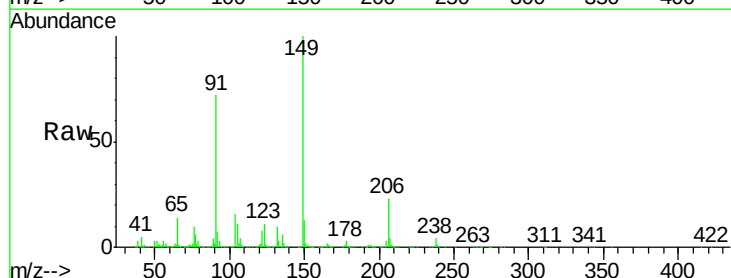
Tgt Ion:149 Resp: 577525

Ion Ratio Lower Upper

149 100

91 71.6 57.8 86.6

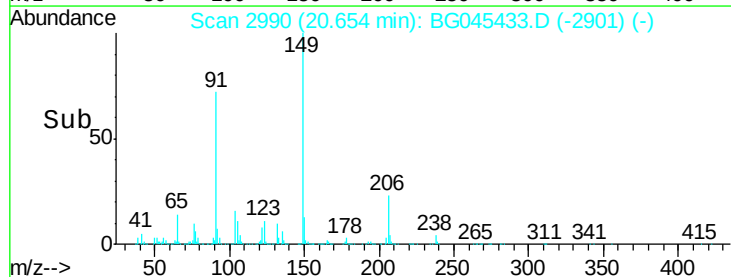
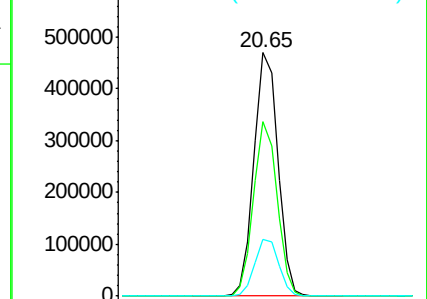
206 23.1 19.1 28.7

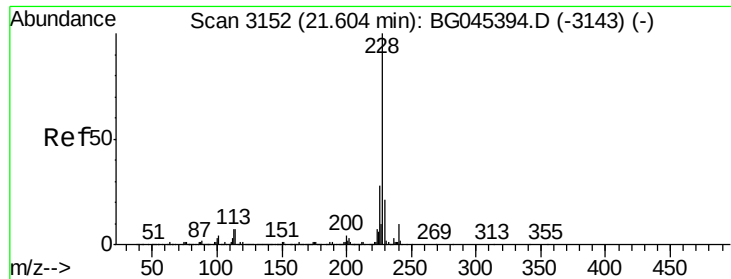


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





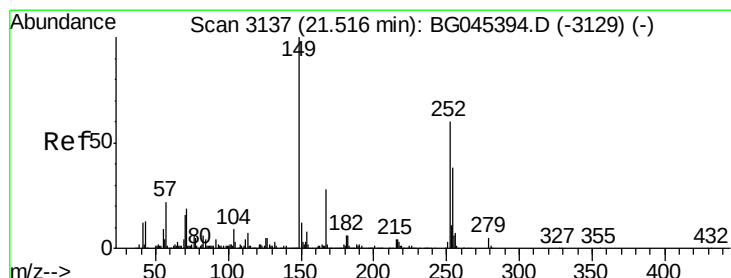
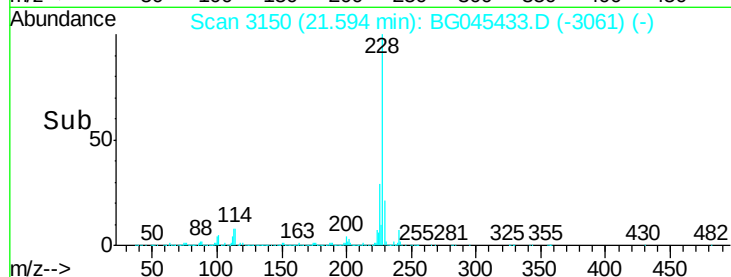
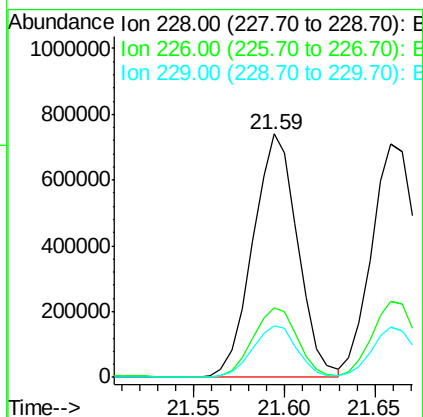
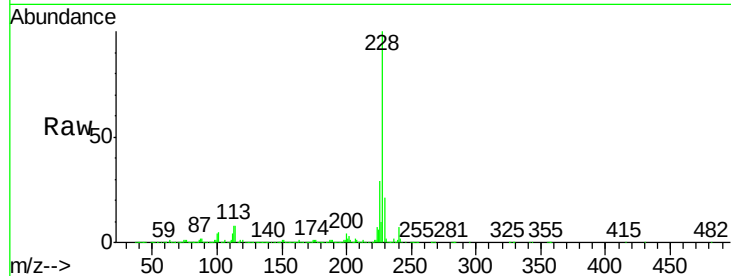
#81
Benzo(a)anthracene
Concen: 40.52 ng
RT: 21.59 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG045433.D
Acq: 20 May 2020 10:55

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.7	34.1
229	21.4	16.7	25.1

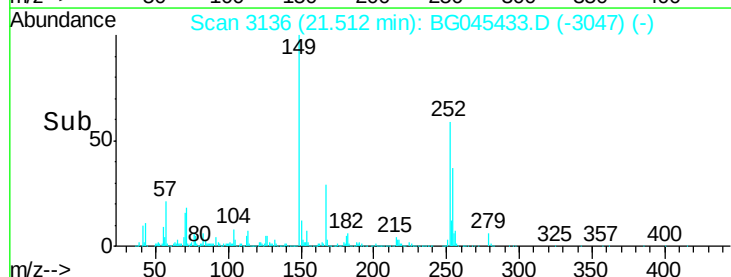
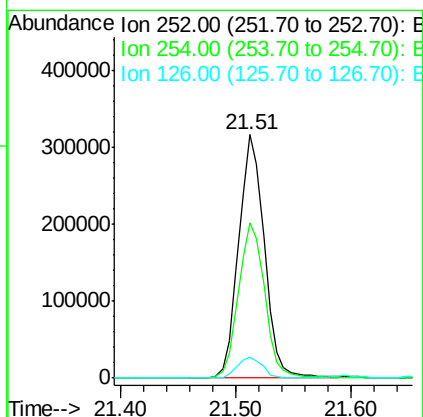
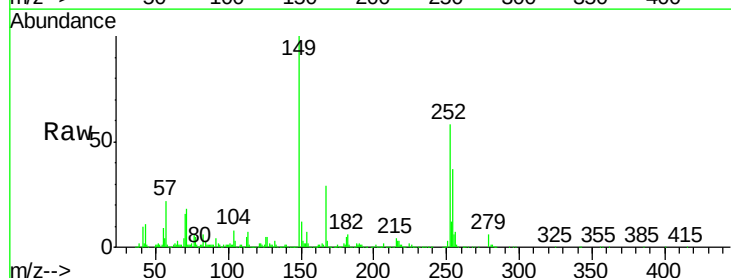
Manual Integrations
APPROVED

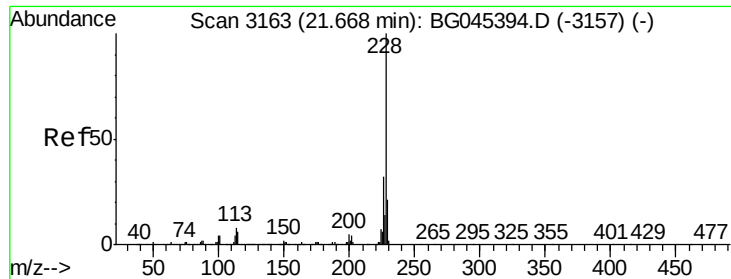
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 39.55 ng
RT: 21.51 min Scan# 3136
Delta R.T. -0.01 min
Lab File: BG045433.D
Acq: 20 May 2020 10:55

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.6	51.3	76.9
126	8.5	6.6	10.0





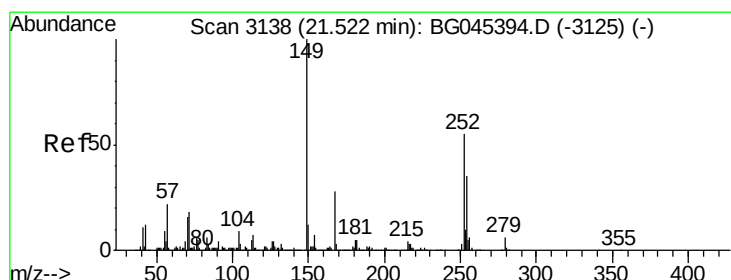
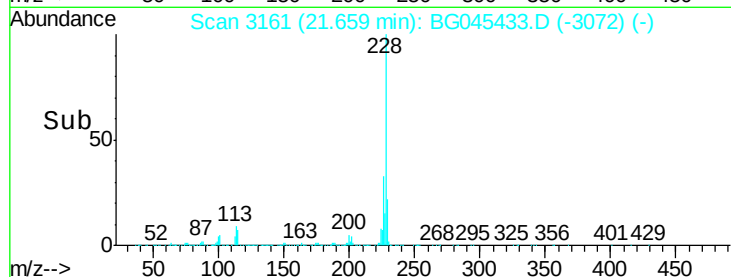
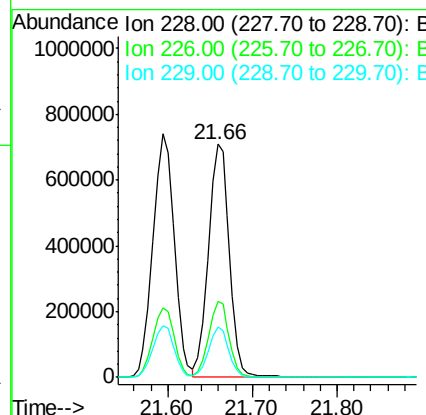
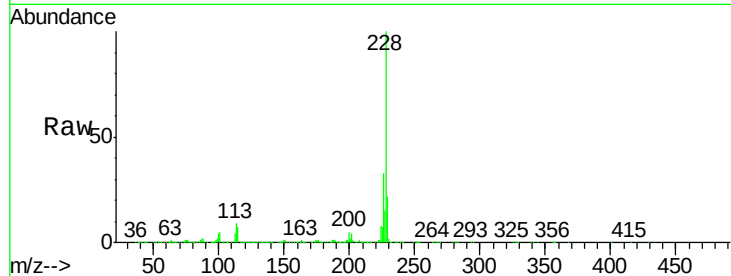
#83
Chrysene
 Concen: 40.49 ng
 RT: 21.66 min Scan# 3161
 Delta R.T. -0.01 min
 Lab File: BG045433.D
 Acq: 20 May 2020 10:55

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.7	25.2	37.8
229	21.6	16.7	25.1

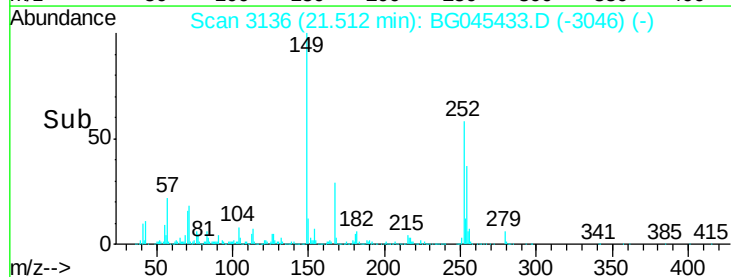
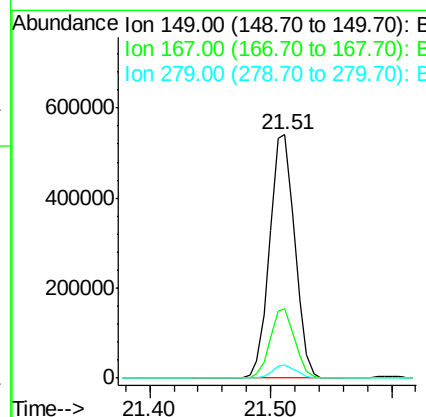
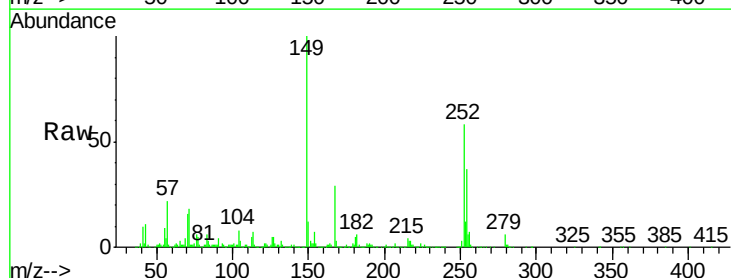
Manual Integrations
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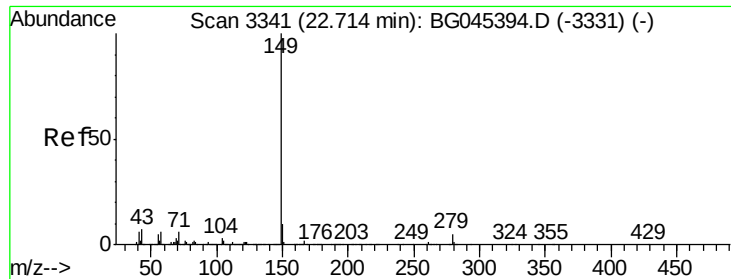
mohammad
 5/21/2020 10:23:16 AM



#84
Bis(2-ethylhexyl)phthalate
 Concen: 40.47 ng
 RT: 21.51 min Scan# 3136
 Delta R.T. -0.00 min
 Lab File: BG045433.D
 Acq: 20 May 2020 10:55

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.7	22.2	33.2
279	5.6	4.7	7.1





#85

Di-n-octyl phthalate

Concen: 40.12 ng

RT: 22.70 min Scan# 3338

Delta R.T. -0.01 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

Instrument :

BNA_G

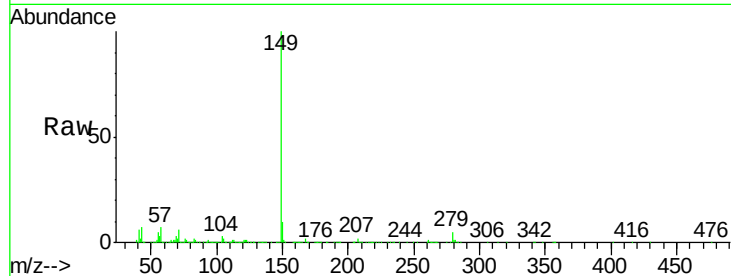
ClientSampleId :

SSTDCCC040

Tgt Ion:	149	Resp:	1318994
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.0
43	7.4	5.8	8.8

Manual Integrations
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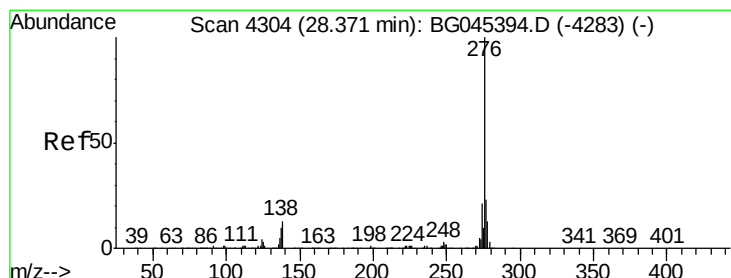
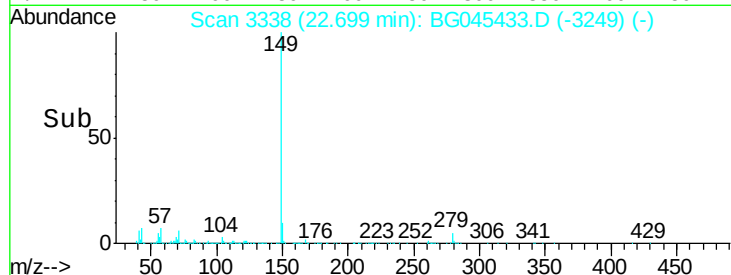
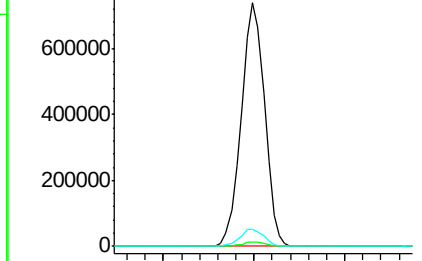
mohammad
5/21/2020 10:23:16 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.46 ng

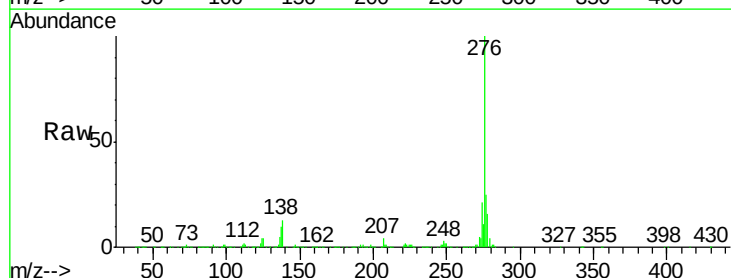
RT: 28.35 min Scan# 4300

Delta R.T. -0.01 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

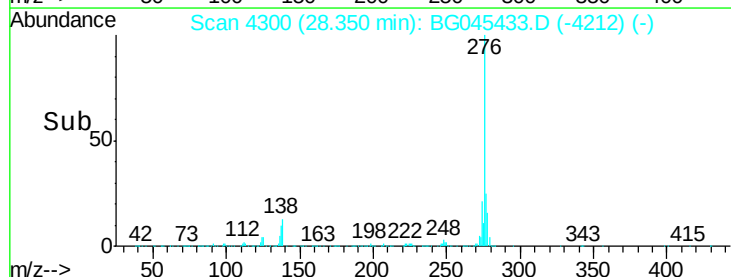
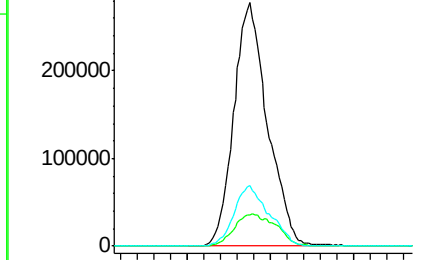
Tgt Ion:	276	Resp:	1564595
Ion Ratio	Lower	Upper	
276	100		
138	16.3	8.6	12.8#
277	25.7	20.2	30.4

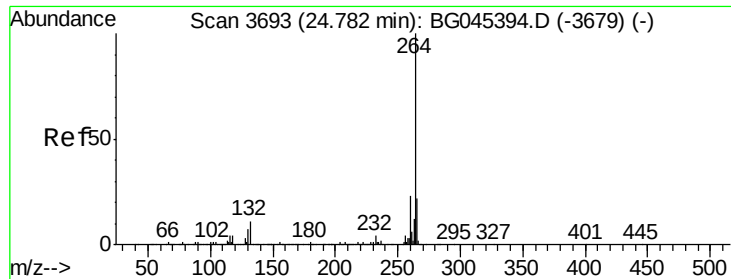


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





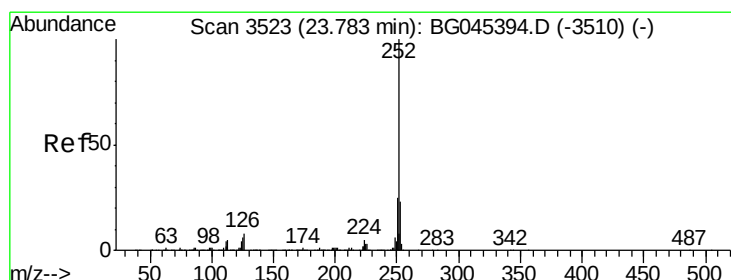
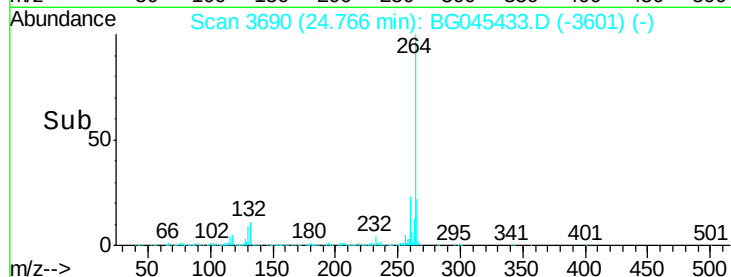
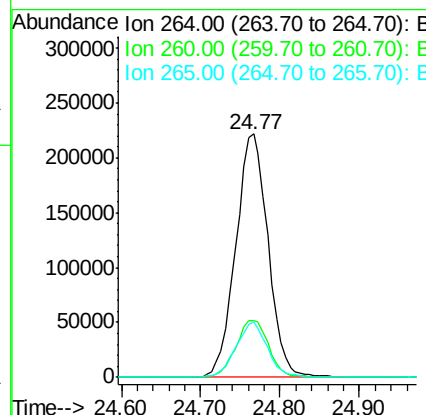
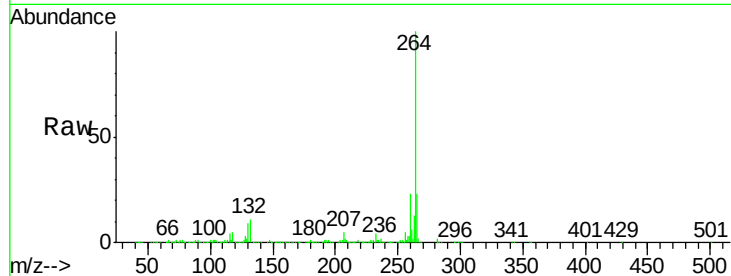
#87
Perylene-d12
Concen: 20.00 ng
RT: 24.77 min Scan# 3690
Delta R.T. -0.01 min
Lab File: BG045433.D
Acq: 20 May 2020 10:55

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.4
265	22.6	17.6	26.4

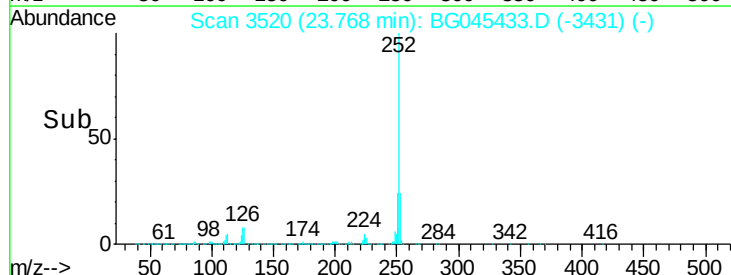
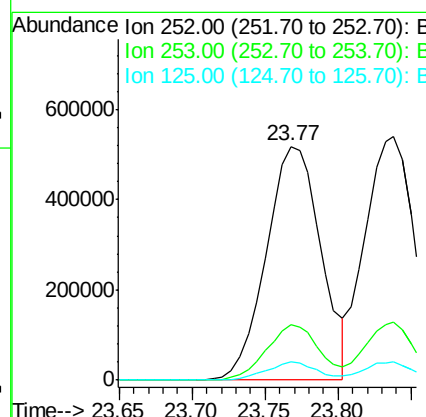
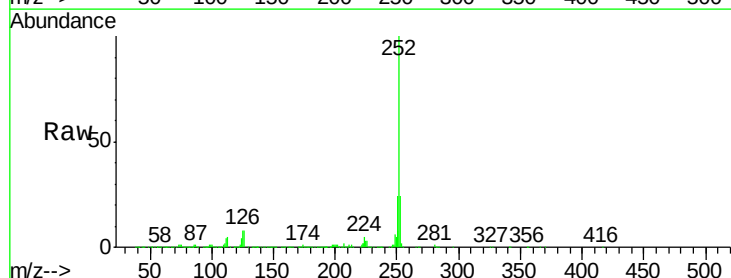
Manual Integrations
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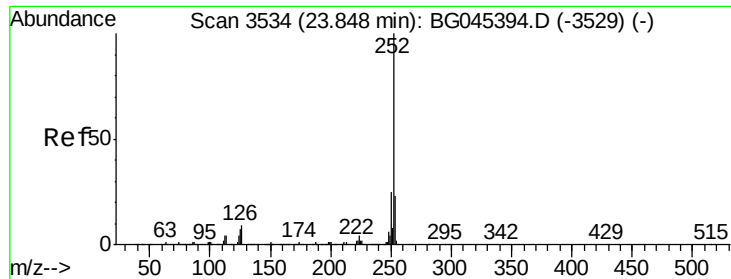
mohammad
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#88
Benzo(b)fluoranthene
Concen: 40.40 ng m
RT: 23.77 min Scan# 3520
Delta R.T. -0.01 min
Lab File: BG045433.D
Acq: 20 May 2020 10:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.1	27.1
125	7.8	5.0	7.6#





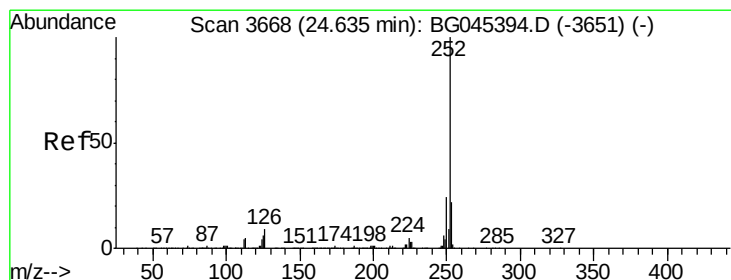
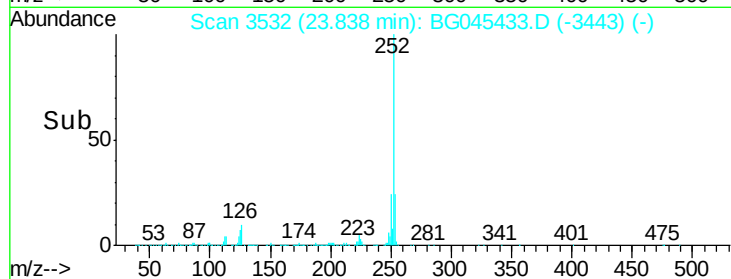
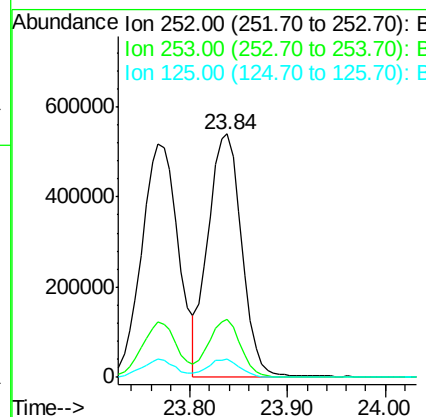
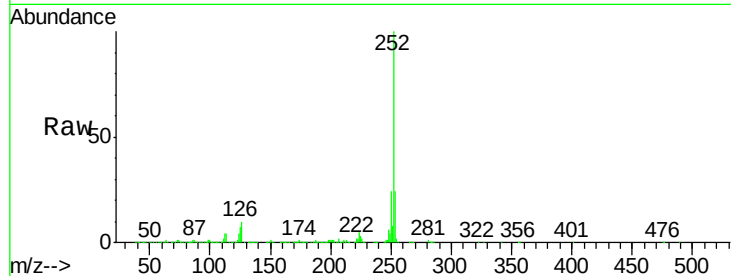
#89
Benzo(k)fluoranthene
Concen: 40.77 ng
RT: 23.84 min Scan# 3532
Delta R.T. -0.01 min
Lab File: BG045433.D
Acq: 20 May 2020 10:55

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.4	27.6
125	7.4	5.7	8.5

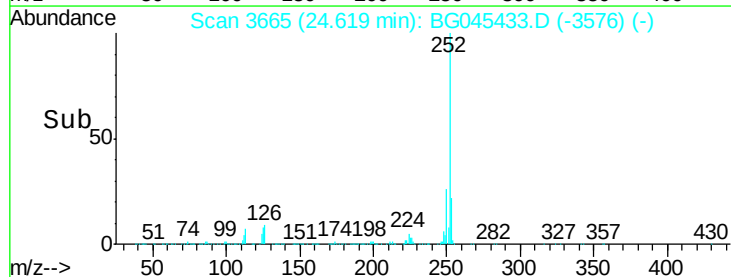
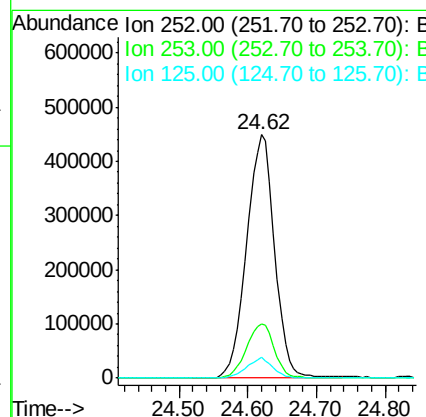
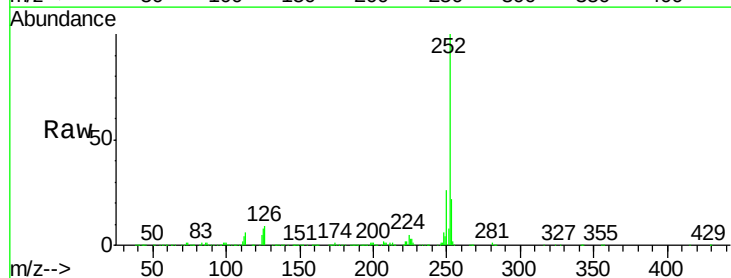
Manual Integrations
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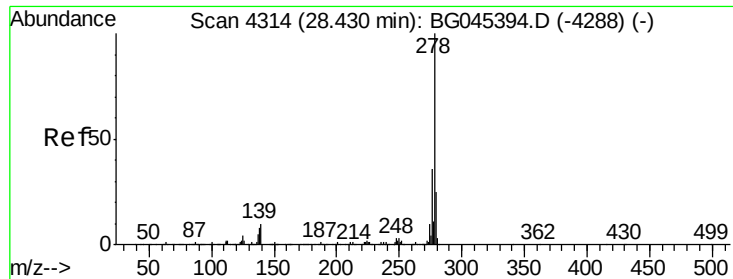
mohammad
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#90
Benzo(a)pyrene
Concen: 40.73 ng
RT: 24.62 min Scan# 3665
Delta R.T. -0.01 min
Lab File: BG045433.D
Acq: 20 May 2020 10:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	8.4	5.0	7.6





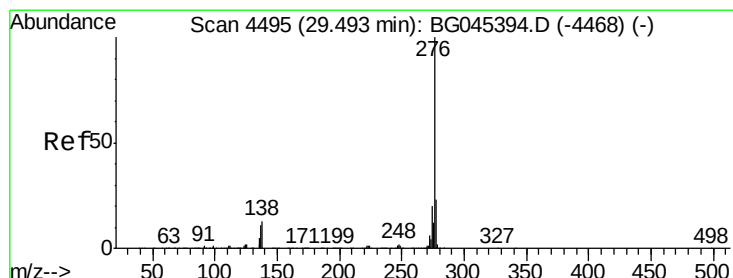
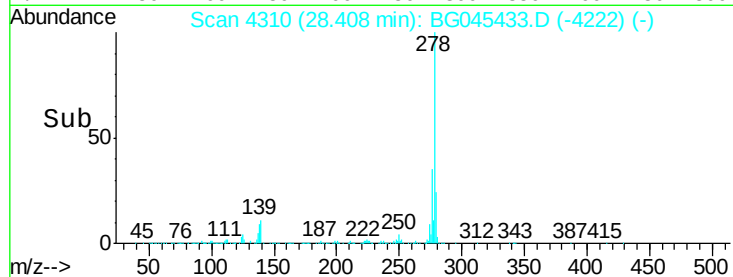
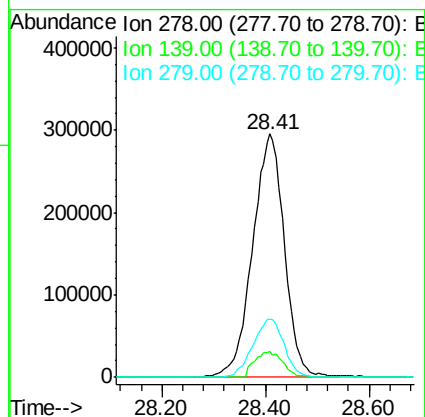
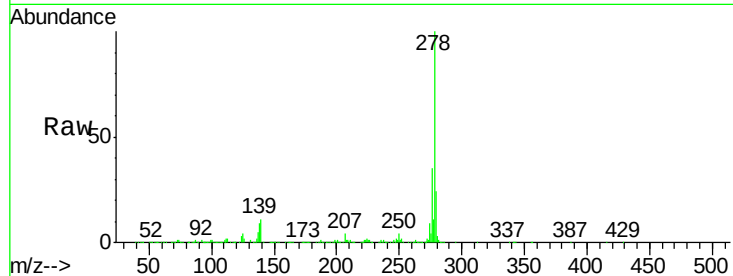
#91
Dibenzo(a,h)anthracene
Concen: 40.09 ng
RT: 28.41 min Scan# 4310
Delta R.T. -0.01 min
Lab File: BG045433.D
Acq: 20 May 2020 10:55

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
278	100		
139	10.9	7.8	11.8
279	23.7	19.8	29.8

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 39.56 ng
RT: 29.47 min Scan# 4490
Delta R.T. -0.01 min
Lab File: BG045433.D
Acq: 20 May 2020 10:55

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.1	27.1
138	13.8	10.2	15.4

