

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111120\
 Data File : BG047303.D
 Acq On : 12 Nov 2020 6:13
 Operator : CG/JU
 Sample : PB132948BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB132948BS

Manual Integrations
 APPROVED

mohammad
 11/12/2020 11:38:06 AM

Quant Time: Nov 12 06:51:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG110420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 04 16:19:40 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.006	152	51197	20.00	ng	0.00
21) Naphthalene-d8	10.820	136	201332	20.00	ng	# 0.00
39) Acenaphthene-d10	14.645	164	146249	20.00	ng	0.00
64) Phenanthrene-d10	17.389	188	363858	20.00	ng	# 0.00
76) Chrysene-d12	21.655	240	364693	20.00	ng	# 0.00
86) Perylene-d12	24.851	264	376113	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.568	112	414757	131.31	ng	0.00
7) Phenol-d6	7.178	99	557988	122.04	ng	0.02
23) Nitrobenzene-d5	9.175	82	371205	79.13	ng	0.00
42) 2,4,6-Tribromophenol	16.138	330	329323	134.47	ng	0.00
45) 2-Fluorobiphenyl	13.265	172	874801	76.72	ng	0.00
79) Terphenyl-d14	19.998	244	1577587	76.07	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.429	88	40052	25.60	ng	# 94
3) Pyridine	3.829	79	126630	30.27	ng	# 89
4) n-Nitrosodimethylamine	3.746	42	90010	42.91	ng	# 65
6) Aniline	7.330	93	209719	38.86	ng	92
8) 2-Chlorophenol	7.571	128	161130	48.05	ng	98
9) Benzaldehyde	7.142	77	35893	11.67	ng	88
10) Phenol	7.201	94	203896	47.01	ng	79
11) bis(2-Chloroethyl)ether	7.424	93	150477	43.74	ng	98
12) 1,3-Dichlorobenzene	7.894	146	184662	42.31	ng	# 93
13) 1,4-Dichlorobenzene	8.047	146	187576	42.80	ng	98
14) 1,2-Dichlorobenzene	8.364	146	175606	42.25	ng	95
15) Benzyl Alcohol	8.247	79	171231	48.73	ng	89
16) 2,2'-oxybis(1-Chloropr...	8.535	45	226115	42.58	ng	99
17) 2-Methylphenol	8.453	107	137434	46.82	ng	# 90
18) Hexachloroethane	9.093	117	69420	43.26	ng	95
19) n-Nitroso-di-n-propyla...	8.811	70	130986	43.60	ng	92
20) 3+4-Methylphenols	8.782	107	185865	47.27	ng	90
22) Acetophenone	8.829	105	248255	42.76	ng	# 91
24) Nitrobenzene	9.216	77	202889	42.50	ng	90
25) Isophorone	9.739	82	352753	43.88	ng	# 94
26) 2-Nitrophenol	9.927	139	94499	45.90	ng	# 80
27) 2,4-Dimethylphenol	9.986	122	146921	53.15	ng	92
28) bis(2-Chloroethoxy)met...	10.221	93	203281	41.78	ng	96
29) 2,4-Dichlorophenol	10.468	162	175109	45.84	ng	99
30) 1,2,4-Trichlorobenzene	10.679	180	195361	41.49	ng	97
31) Naphthalene	10.867	128	491856	42.67	ng	99
32) Benzoic acid	10.127	122	88613	37.49	ng	# 77
33) 4-Chloroaniline	10.973	127	155005	31.97	ng	# 92
34) Hexachlorobutadiene	11.149	225	143061	40.15	ng	98
35) Caprolactam	11.749	113	60607m	48.56	ng	
36) 4-Chloro-3-methylphenol	12.101	107	186433	47.89	ng	90
37) 2-Methylnaphthalene	12.471	142	371270	42.86	ng	# 92
38) 1-Methylnaphthalene	12.695	142	349439	42.45	ng	# 99
40) 1,2,4,5-Tetrachloroben...	12.842	216	245161	42.46	ng	# 97
41) Hexachlorocyclopentadiene	12.818	237	307506	102.75	ng	100
43) 2,4,6-Trichlorophenol	13.082	196	162280	43.23	ng	93

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111120\
 Data File : BG047303.D
 Acq On : 12 Nov 2020 6:13
 Operator : CG/JU
 Sample : PB132948BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB132948BS

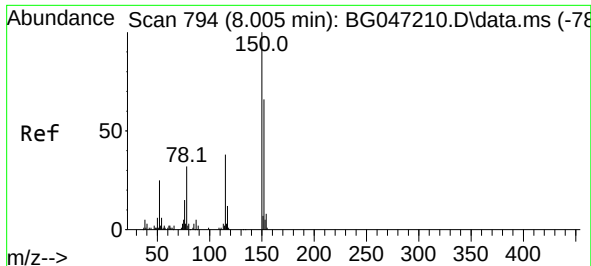
Manual Integrations
 APPROVED

mohammad
 11/12/2020 11:38:06 AM

Quant Time: Nov 12 06:51:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG110420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 04 16:19:40 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	13.153	196	172178	45.17	ng	#	94
46) 1,1'-Biphenyl	13.482	154	512470	42.80	ng		95
47) 2-Chloronaphthalene	13.523	162	401033	41.06	ng		98
48) 2-Nitroaniline	13.723	65	137957	42.62	ng	#	75
49) Acenaphthylene	14.369	152	613515	42.95	ng		98
50) Dimethylphthalate	14.099	163	545082	42.20	ng		98
51) 2,6-Dinitrotoluene	14.216	165	123656	46.16	ng	#	71
52) Acenaphthene	14.710	154	385126	42.17	ng		97
53) 3-Nitroaniline	14.545	138	97462	36.55	ng		83
54) 2,4-Dinitrophenol	14.757	184	150131	87.36	ng	#	70
55) Dibenzofuran	15.045	168	645603	43.00	ng		97
56) 4-Nitrophenol	14.869	139	201186	97.41	ng	#	68
57) 2,4-Dinitrotoluene	15.004	165	180441	46.13	ng	#	82
58) Fluorene	15.691	166	533861	44.23	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.268	232	184286	46.05	ng	#	97
60) Diethylphthalate	15.456	149	555580	43.55	ng		96
61) 4-Chlorophenyl-phenyle...	15.679	204	308373	43.15	ng		98
62) 4-Nitroaniline	15.715	138	121445	42.41	ng	#	54
63) Azobenzene	15.973	77	507641	44.40	ng		90
65) 4,6-Dinitro-2-methylph...	15.773	198	119071	47.07	ng		89
66) n-Nitrosodiphenylamine	15.897	169	496178	44.33	ng		99
67) 4-Bromophenyl-phenylether	16.578	248	221137	43.52	ng		99
68) Hexachlorobenzene	16.696	284	236757	42.88	ng		96
69) Atrazine	16.843	200	179063	37.40	ng		98
70) Pentachlorophenol	17.043	266	275245	91.48	ng		97
71) Phenanthrene	17.436	178	910064	43.10	ng		98
72) Anthracene	17.524	178	929337	45.31	ng		98
73) Carbazole	17.795	167	799646	44.16	ng		98
74) Di-n-butylphthalate	18.347	149	963124	43.49	ng	#	97
75) Fluoranthene	19.440	202	1148869	42.72	ng		97
77) Benzidine	19.616	184	524380	42.87	ng		99
78) Pyrene	19.804	202	1130391	44.51	ng		99
80) Butylbenzylphthalate	20.685	149	417643	43.59	ng		92
81) Benzo(a)anthracene	21.631	228	1127603	43.62	ng		97
82) 3,3'-Dichlorobenzidine	21.549	252	357072	39.92	ng		98
83) Chrysene	21.702	228	1088782	43.76	ng		98
84) Bis(2-ethylhexyl)phtha...	21.531	149	601902	44.91	ng		97
85) Di-n-octyl phthalate	22.730	149	1014927	45.06	ng	#	96
87) Indeno(1,2,3-cd)pyrene	28.506	276	1282313	44.91	ng	#	88
88) Benzo(b)fluoranthene	23.840	252	1159732	45.17	ng	#	97
89) Benzo(k)fluoranthene	23.905	252	1133952	45.21	ng	#	97
90) Benzo(a)pyrene	24.704	252	1048632	43.76	ng	#	97
91) Dibenzo(a,h)anthracene	28.558	278	1057057	45.49	ng	#	95
92) Benzo(g,h,i)perylene	29.651	276	1077047	46.74	ng	#	92

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



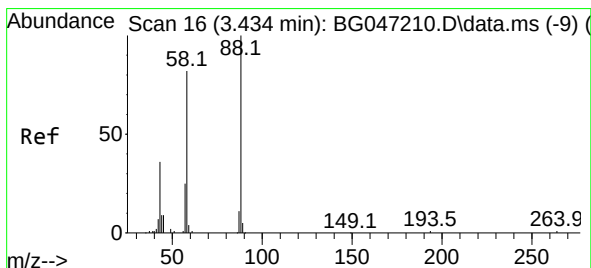
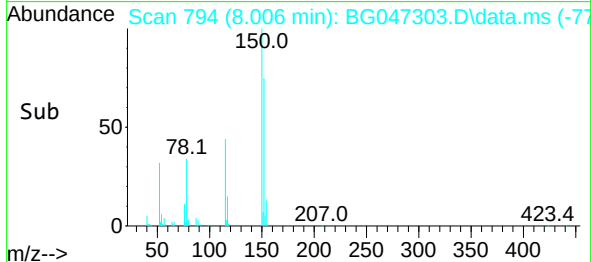
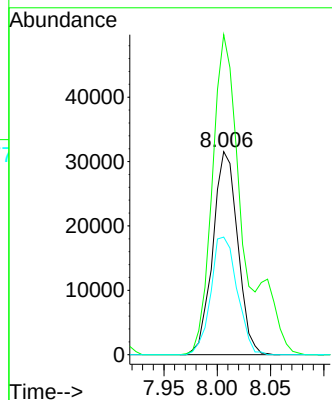
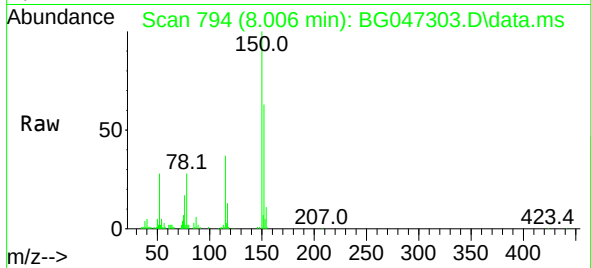
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.006 min Scan# 794
Delta R.T. 0.001 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13

Tgt Ion:152 Resp: 51197
Ion Ratio Lower Upper
152 100
150 157.6 125.0 187.6
115 57.9 41.8 62.6

Instrument :
BNA_G
ClientSampleId :
PB132948BS

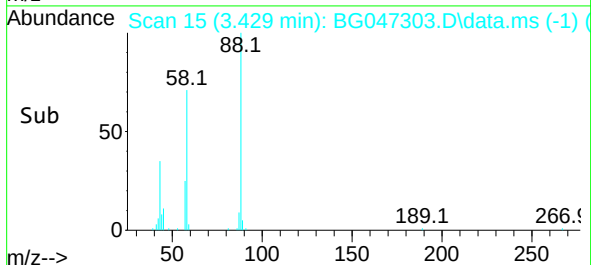
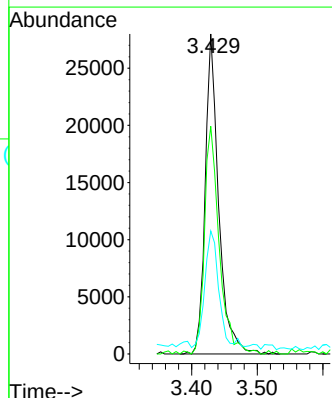
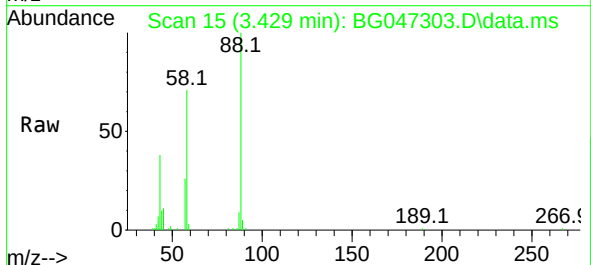
Manual Integrations
APPROVED

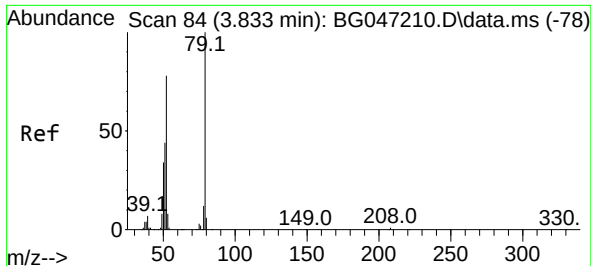
mohammad
11/12/2020 11:38:06 AM



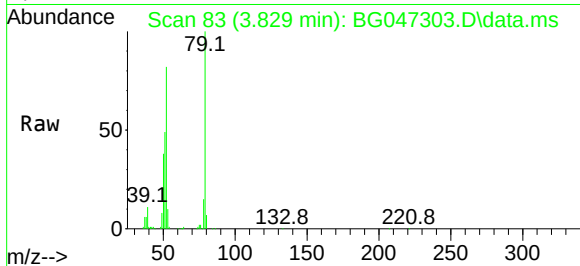
#2
1,4-Dioxane
Concen: 25.60 ng
RT: 3.429 min Scan# 15
Delta R.T. -0.005 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13

Tgt Ion: 88 Resp: 40052
Ion Ratio Lower Upper
88 100
58 78.3 61.6 92.4
43 36.9 21.3 31.9#

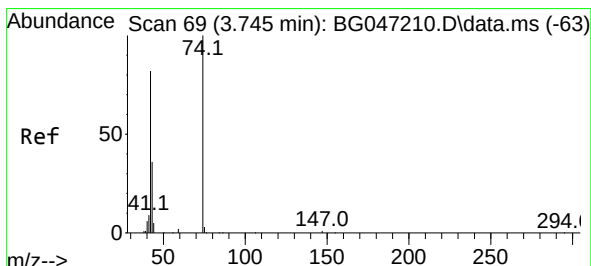
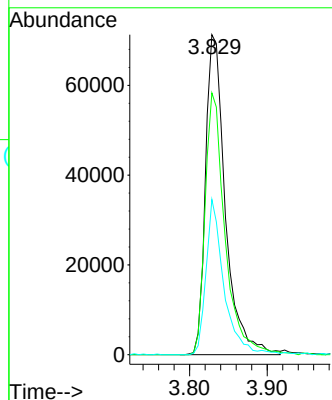
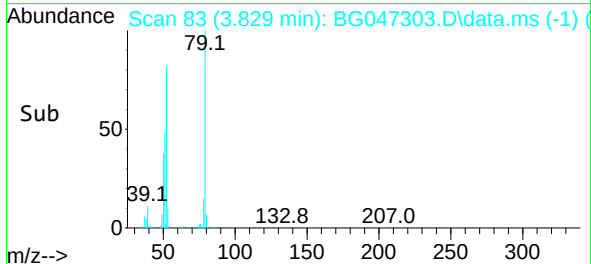




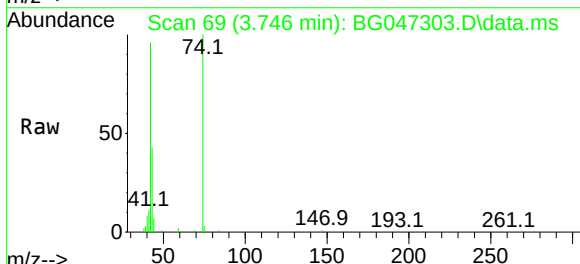
#3
Pyridine
Concen: 30.27 ng
RT: 3.829 min Scan# 83
Delta R.T. -0.005 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13



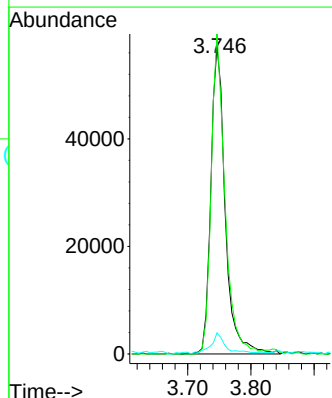
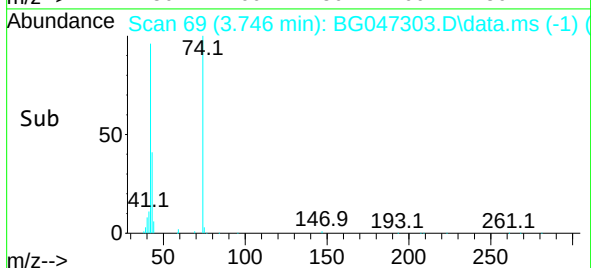
Tgt Ion: 79 Resp: 126630
Ion Ratio Lower Upper
79 100
52 81.8 61.3 91.9
51 48.5 28.4 42.6#



#4
n-Nitrosodimethylamine
Concen: 42.91 ng
RT: 3.746 min Scan# 69
Delta R.T. 0.001 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13



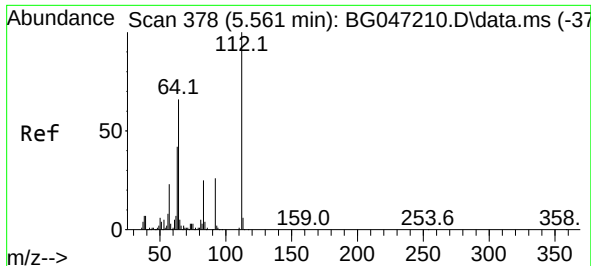
Tgt Ion: 42 Resp: 90010
Ion Ratio Lower Upper
42 100
74 104.2 120.4 180.6#
44 6.9 6.2 9.2



Instrument :
BNA_G
ClientSampleId :
PB132948BS

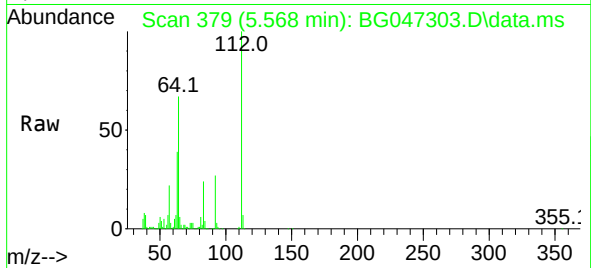
Manual Integrations
APPROVED

mohammad
11/12/2020 11:38:06 AM



#5
2-Fluorophenol
Concen: 131.31 ng
RT: 5.568 min Scan# 379
Delta R.T. 0.007 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13

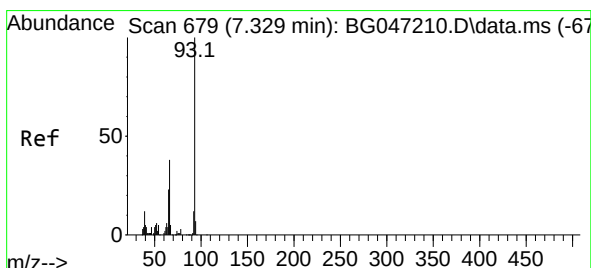
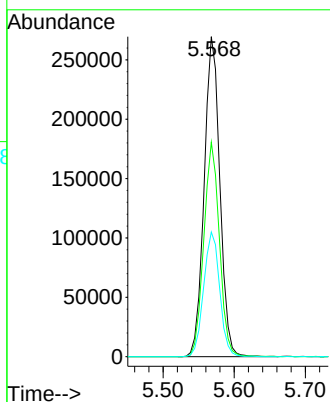
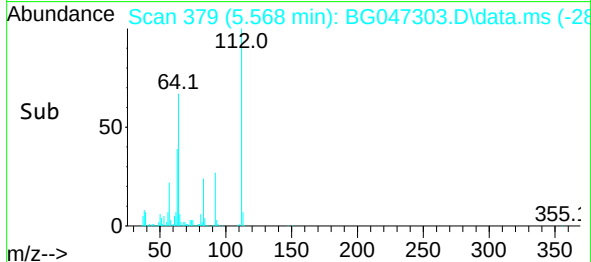
Instrument :
BNA_G
ClientSampleId :
PB132948BS



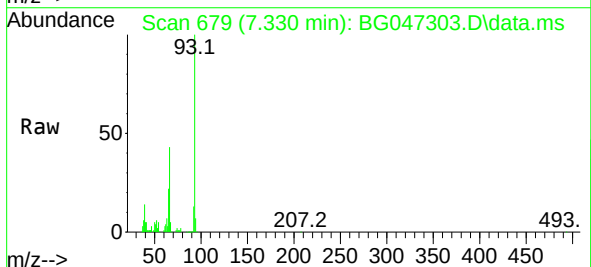
Tgt Ion:112 Resp: 414757
Ion Ratio Lower Upper
112 100
64 67.0 46.7 70.1
63 39.0 22.8 34.2#

Manual Integrations
APPROVED

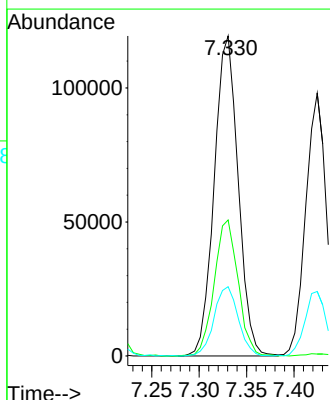
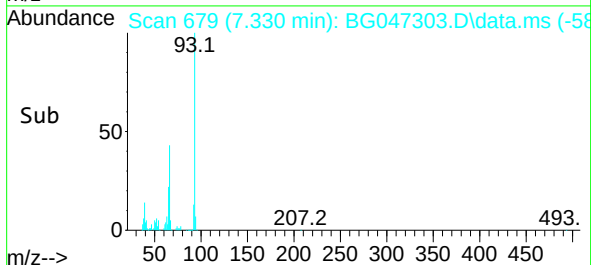
mohammad
11/12/2020 11:38:06 AM

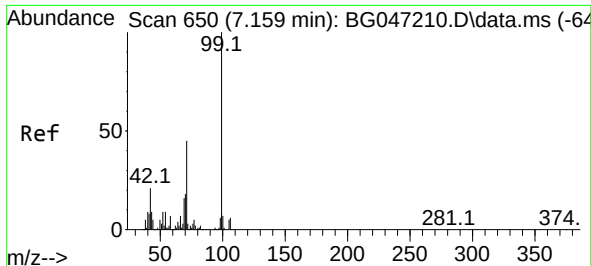


#6
Aniline
Concen: 38.86 ng
RT: 7.330 min Scan# 679
Delta R.T. 0.001 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13



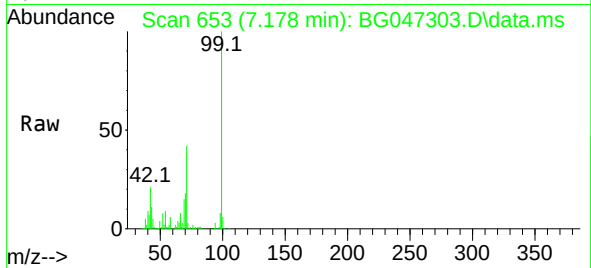
Tgt Ion: 93 Resp: 209719
Ion Ratio Lower Upper
93 100
66 42.5 29.5 44.3
65 21.7 15.5 23.3





#7
Phenol-d6
Concen: 122.04 ng
RT: 7.178 min Scan# 653
Delta R.T. 0.019 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13

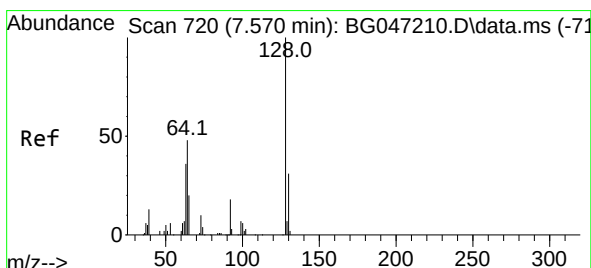
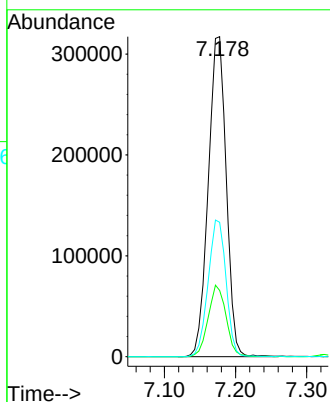
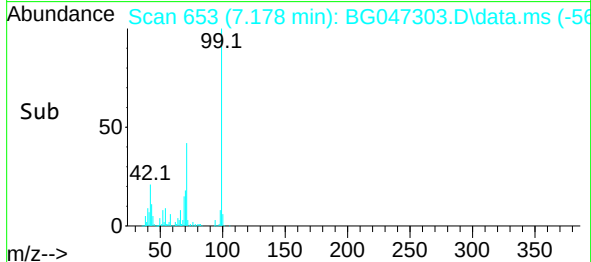
Instrument :
BNA_G
ClientSampleId :
PB132948BS



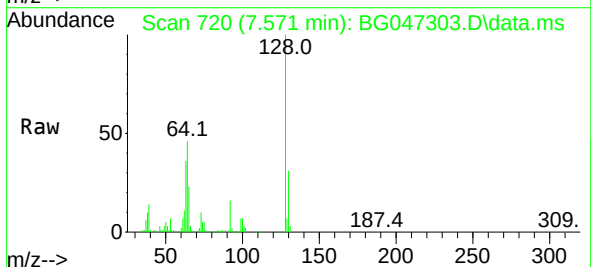
Tgt Ion: 99 Resp: 557988
Ion Ratio Lower Upper
99 100
42 20.7 12.8 19.2#
71 42.0 24.6 36.8#

Manual Integrations
APPROVED

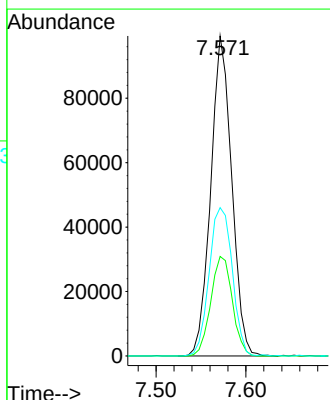
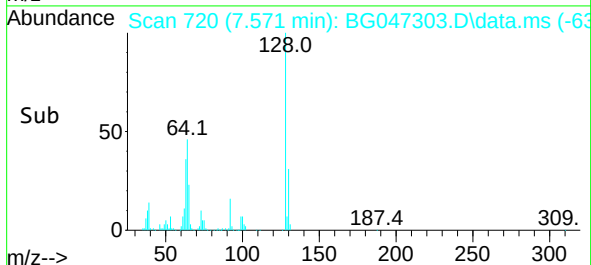
mohammad
11/12/2020 11:38:06 AM

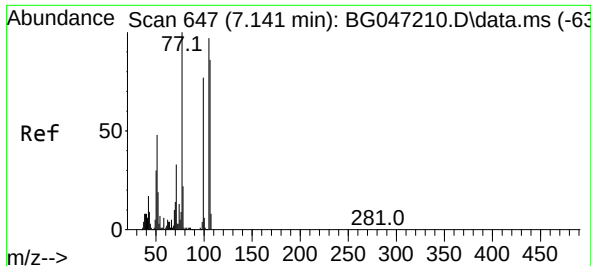


#8
2-Chlorophenol
Concen: 48.05 ng
RT: 7.571 min Scan# 720
Delta R.T. 0.001 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13



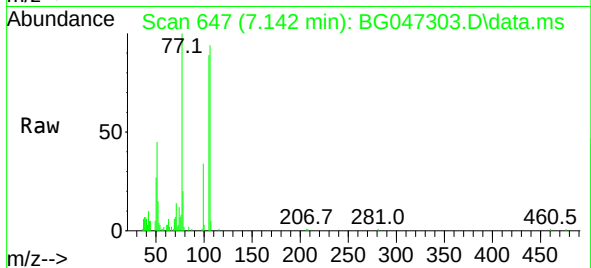
Tgt Ion: 128 Resp: 161130
Ion Ratio Lower Upper
128 100
130 31.1 12.6 52.6
64 46.3 24.8 64.8





#9
Benzaldehyde
Concen: 11.67 ng
RT: 7.142 min Scan# 647
Delta R.T. 0.001 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13

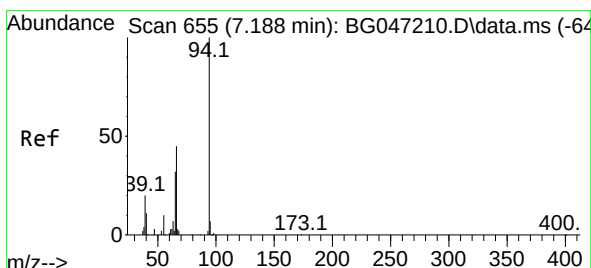
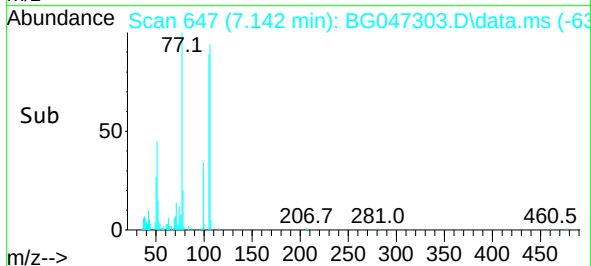
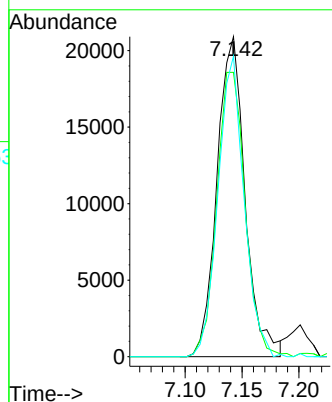
Instrument :
BNA_G
ClientSampleId :
PB132948BS



Tgt Ion: 77 Resp: 35893
Ion Ratio Lower Upper
77 100
105 88.8 85.9 125.9
106 93.9 80.9 120.9

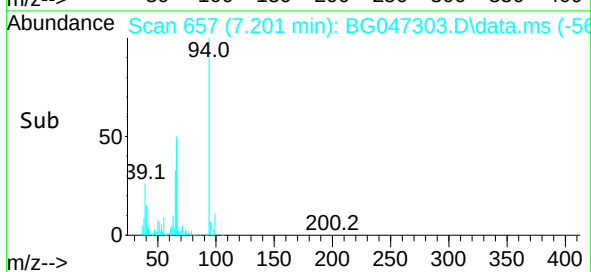
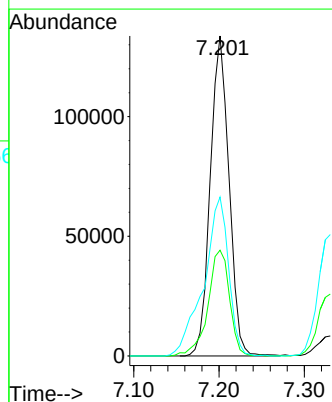
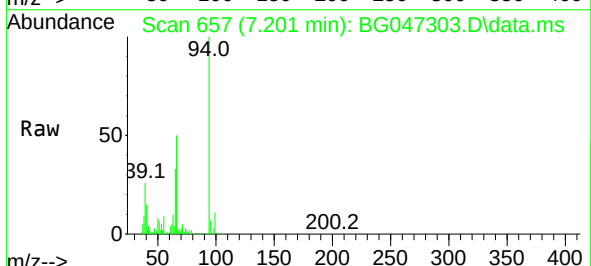
Manual Integrations
APPROVED

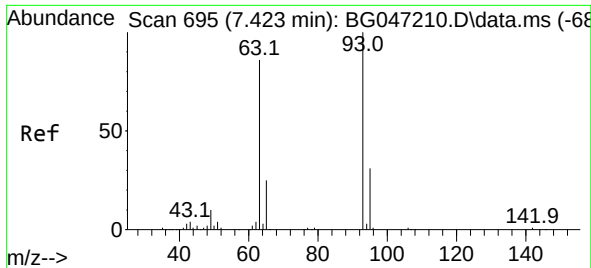
mohammad
11/12/2020 11:38:06 AM



#10
Phenol
Concen: 47.01 ng
RT: 7.201 min Scan# 657
Delta R.T. 0.013 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13

Tgt Ion: 94 Resp: 203896
Ion Ratio Lower Upper
94 100
65 33.0 6.6 46.6
66 49.7 13.9 53.9





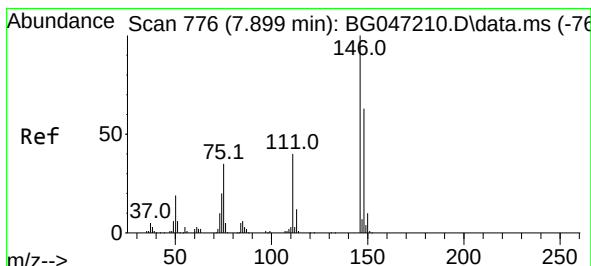
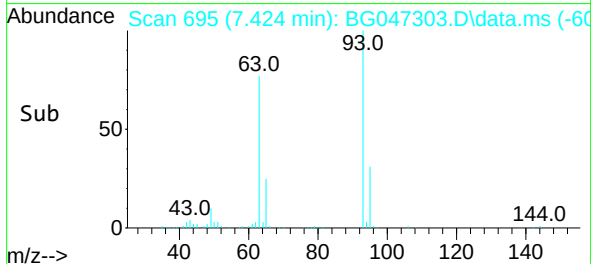
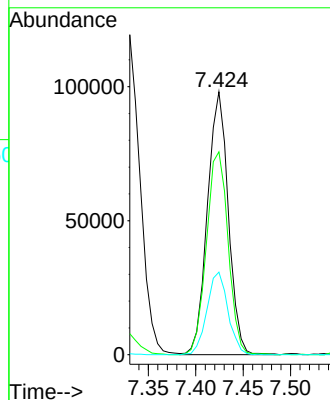
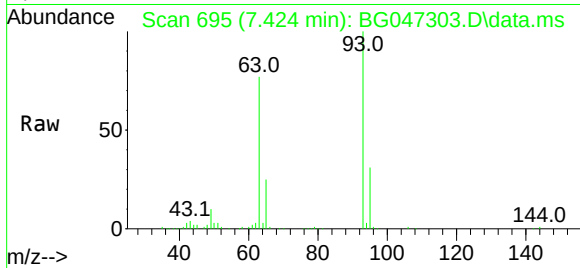
#11
bis(2-Chloroethyl)ether
Concen: 43.74 ng
RT: 7.424 min Scan# 695
Delta R.T. 0.001 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13

Tgt Ion:	93	Resp:	150477
Ion Ratio	Lower	Upper	
93	100		
63	77.2	56.4	96.4
95	31.4	13.8	53.8

Instrument :
BNA_G
ClientSampleId :
PB132948BS

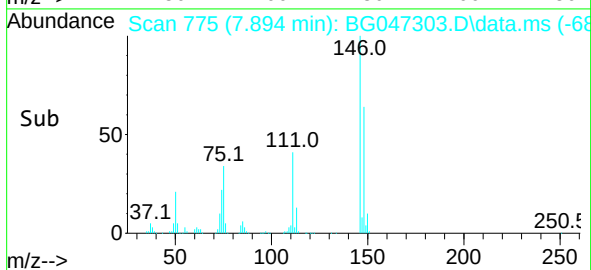
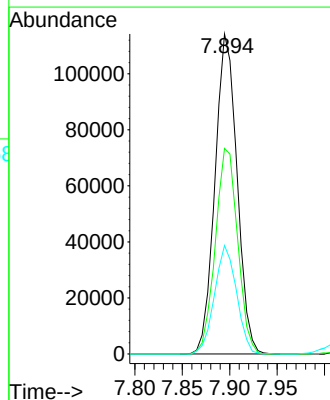
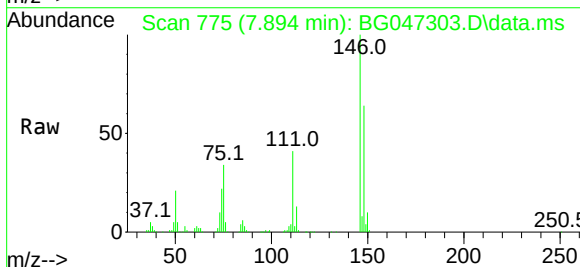
Manual Integrations
APPROVED

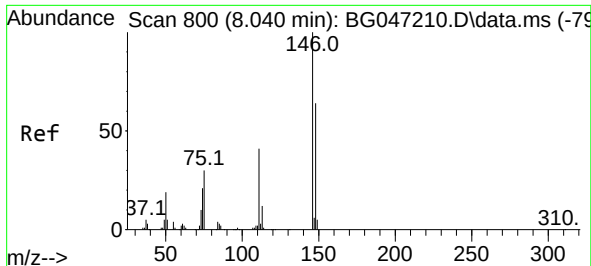
mohammad
11/12/2020 11:38:06 AM



#12
1,3-Dichlorobenzene
Concen: 42.31 ng
RT: 7.894 min Scan# 775
Delta R.T. -0.005 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13

Tgt Ion:	146	Resp:	184662
Ion Ratio	Lower	Upper	
146	100		
148	64.2	50.1	75.1
75	33.9	20.1	30.1#





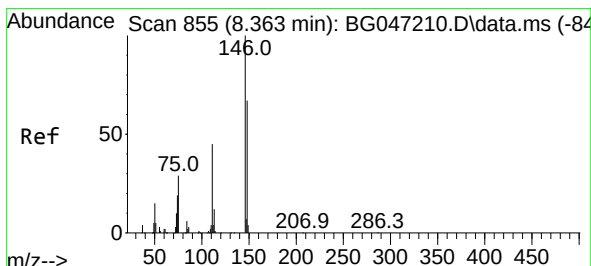
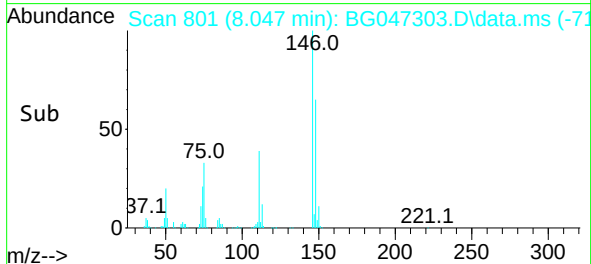
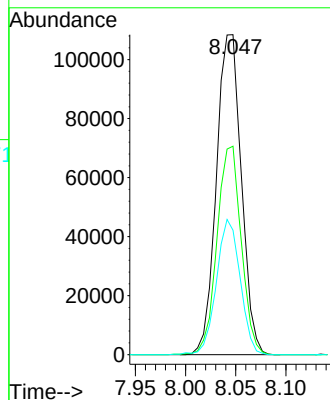
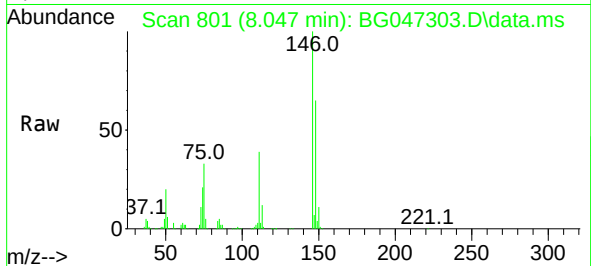
#13
1,4-Dichlorobenzene
Concen: 42.80 ng
RT: 8.047 min Scan# 801
Delta R.T. 0.007 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13

Tgt Ion:146 Resp: 187576
Ion Ratio Lower Upper
146 100
148 65.2 51.1 76.7
111 38.9 29.7 44.5

Instrument :
BNA_G
ClientSampleId :
PB132948BS

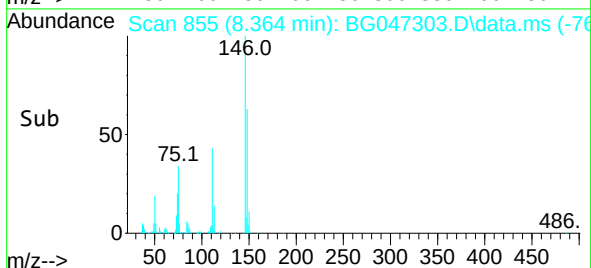
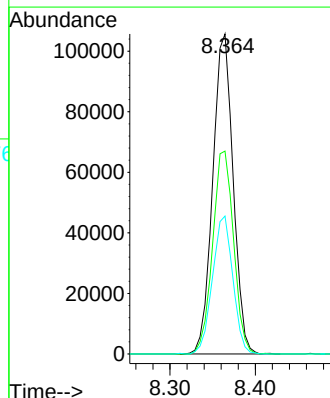
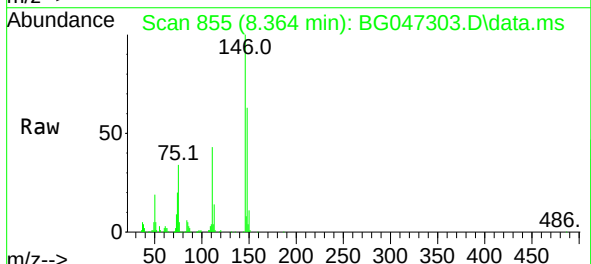
Manual Integrations
APPROVED

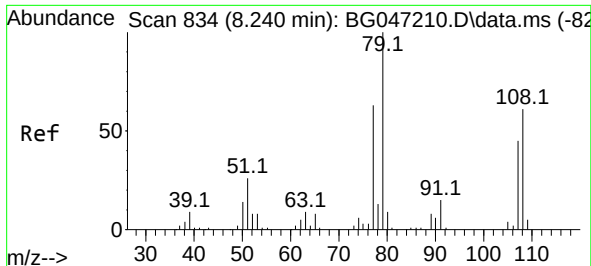
mohammad
11/12/2020 11:38:06 AM



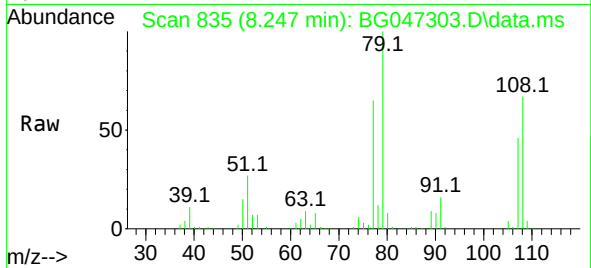
#14
1,2-Dichlorobenzene
Concen: 42.25 ng
RT: 8.364 min Scan# 855
Delta R.T. 0.001 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13

Tgt Ion:146 Resp: 175606
Ion Ratio Lower Upper
146 100
148 63.4 53.0 79.6
111 43.1 30.7 46.1

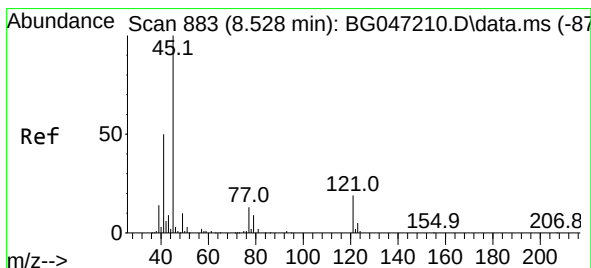
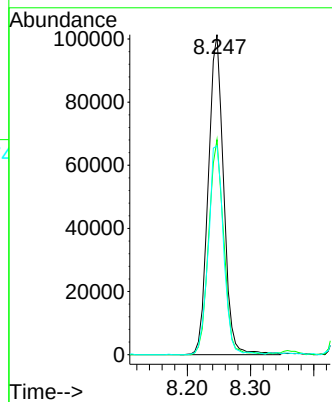
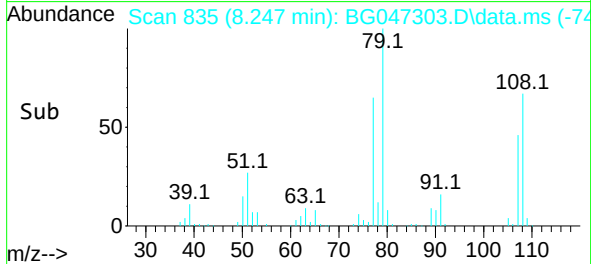




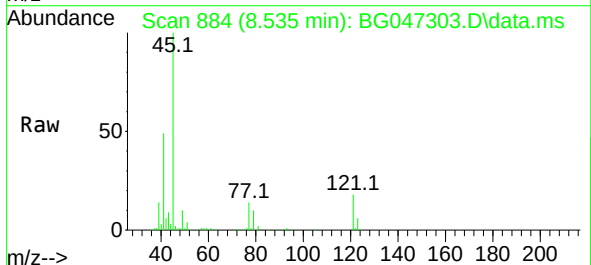
#15
Benzyl Alcohol
Concen: 48.73 ng
RT: 8.247 min Scan# 835
Delta R.T. 0.007 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13



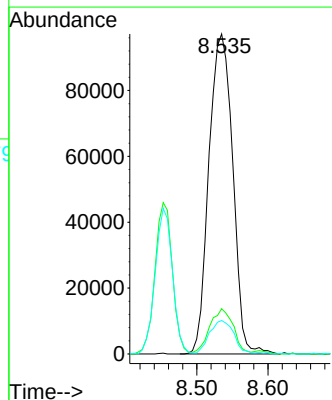
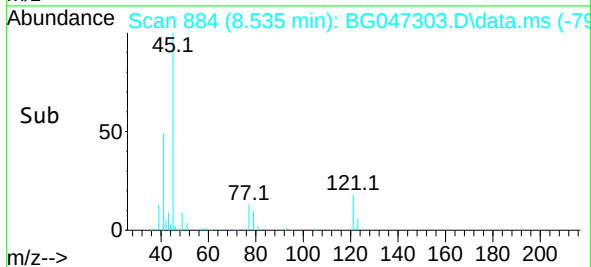
Tgt Ion: 79	Resp: 171231
Ion Ratio	Lower Upper
79 100	
108 67.2	65.5 98.3
77 65.3	50.1 75.1



#16
2,2'-oxybis(1-chloropropane)
Concen: 42.58 ng
RT: 8.535 min Scan# 884
Delta R.T. 0.007 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13



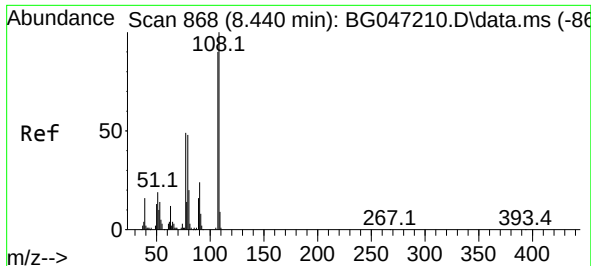
Tgt Ion: 45	Resp: 226115
Ion Ratio	Lower Upper
45 100	
77 14.2	0.0 33.4
79 10.5	0.0 30.8



Instrument :
BNA_G
ClientSampleId :
PB132948BS

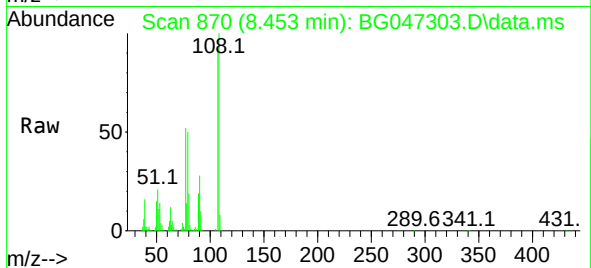
Manual Integrations
APPROVED

mohammad
11/12/2020 11:38:06 AM



#17
2-Methylphenol
Concen: 46.82 ng
RT: 8.453 min Scan# 870
Delta R.T. 0.013 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13

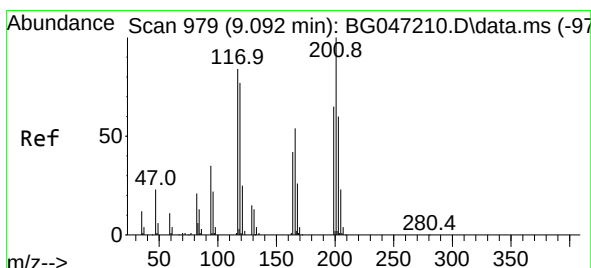
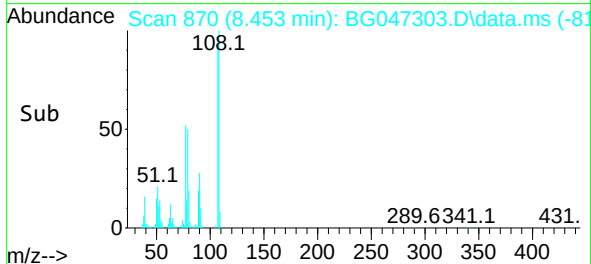
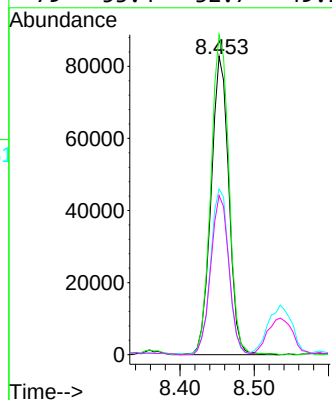
Instrument :
BNA_G
ClientSampleId :
PB132948BS



Tgt Ion	Ratio	Lower	Upper
107	100		
108	107.3	87.2	130.8
77	55.5	33.8	50.8#
79	53.4	32.7	49.1#

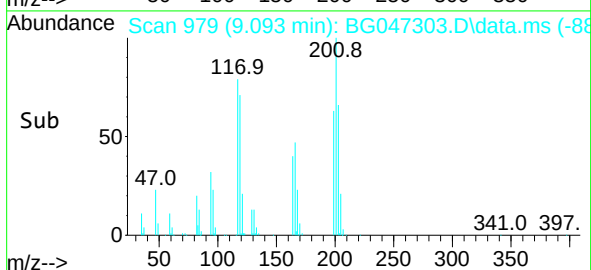
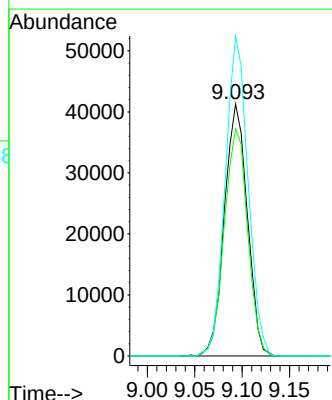
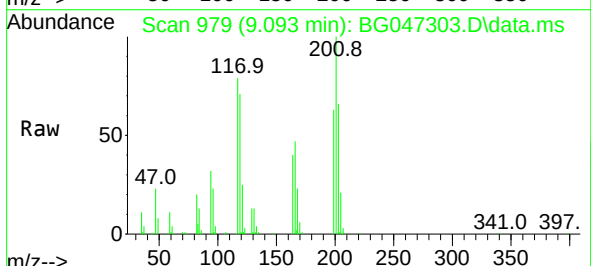
Manual Integrations
APPROVED

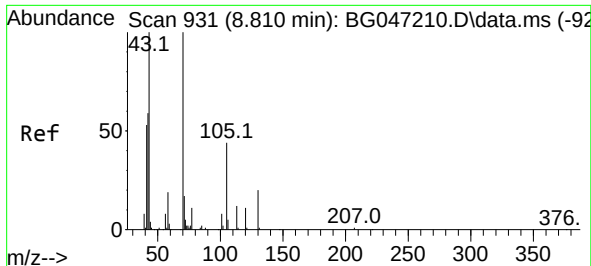
mohammad
11/12/2020 11:38:06 AM



#18
Hexachloroethane
Concen: 43.26 ng
RT: 9.093 min Scan# 979
Delta R.T. 0.001 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.1	77.5	116.3
201	127.0	104.9	157.3

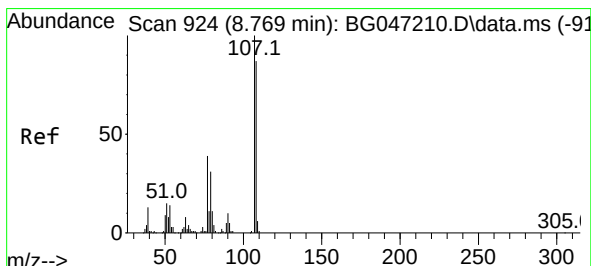
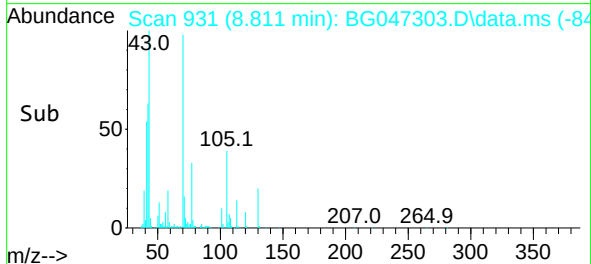
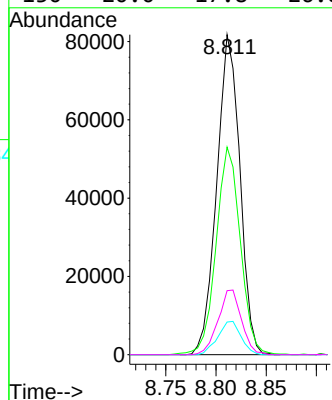
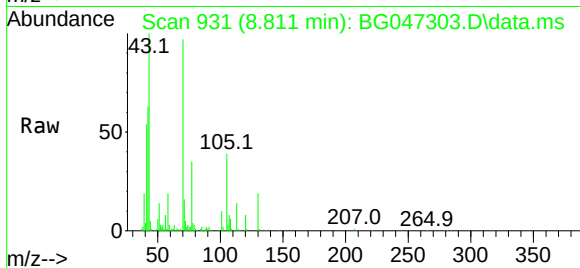




#19

n-Nitroso-di-n-propylamine
 Concen: 43.60 ng
 RT: 8.811 min Scan# 931
 Delta R.T. 0.001 min
 Lab File: BG047303.D
 Acq: 12 Nov 2020 6:13

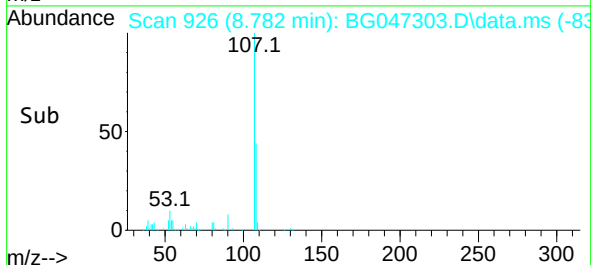
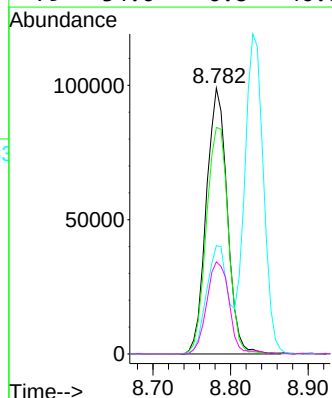
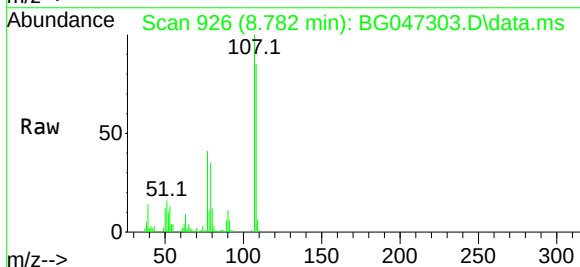
Tgt Ion:	70	Resp:	130986
Ion Ratio	Lower	Upper	
70	100		
42	64.8	45.6	68.4
101	10.2	8.4	12.6
130	20.0	17.8	26.8



#20

3+4-Methylphenols
 Concen: 47.27 ng
 RT: 8.782 min Scan# 926
 Delta R.T. 0.013 min
 Lab File: BG047303.D
 Acq: 12 Nov 2020 6:13

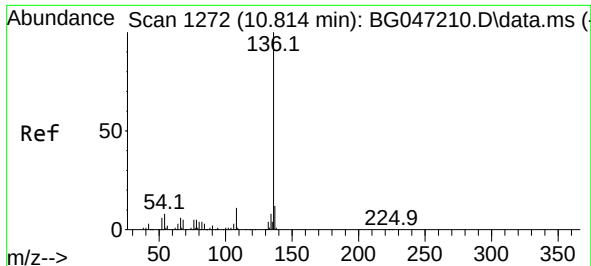
Tgt Ion:	107	Resp:	185865
Ion Ratio	Lower	Upper	
107	100		
108	85.2	70.6	110.6
77	40.7	10.2	50.2
79	34.6	6.8	46.8



Instrument :
 BNA_G
 ClientSampleId :
 PB132948BS

Manual Integrations
 APPROVED

mohammad
 11/12/2020 11:38:06 AM



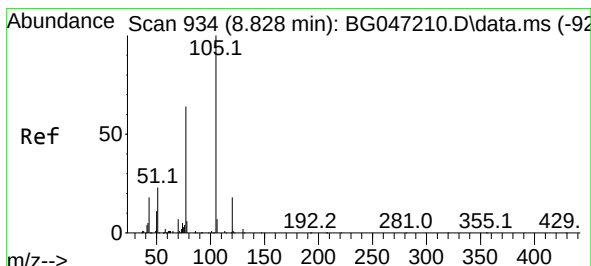
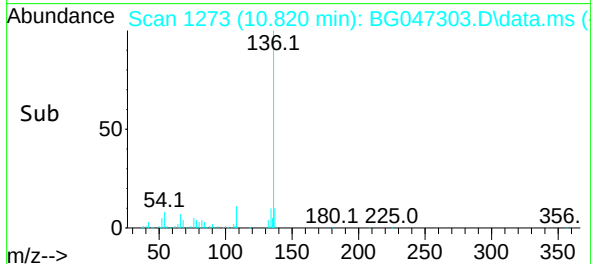
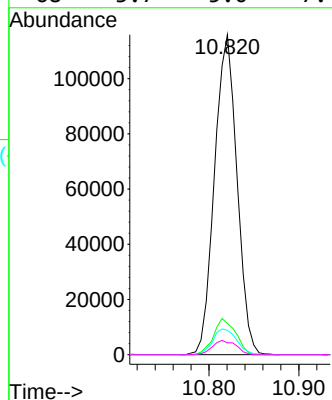
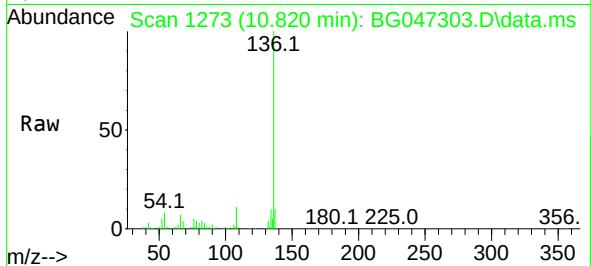
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.820 min Scan# 1273
Delta R.T. 0.006 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13

Tgt Ion:136 Resp: 201332
Ion Ratio Lower Upper
136 100
137 9.7 9.1 13.7
54 7.6 6.2 9.4
68 3.7 5.0 7.4#

Instrument :
BNA_G
ClientSampleId :
PB132948BS

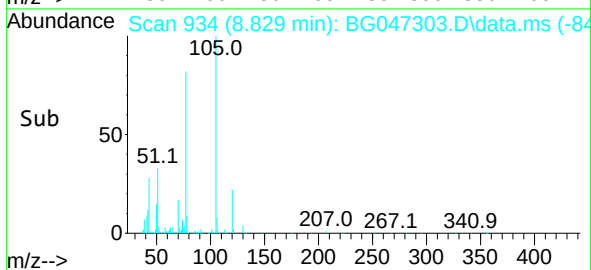
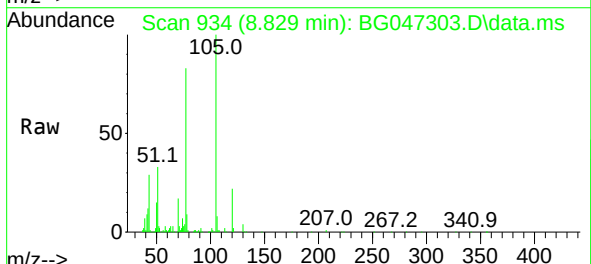
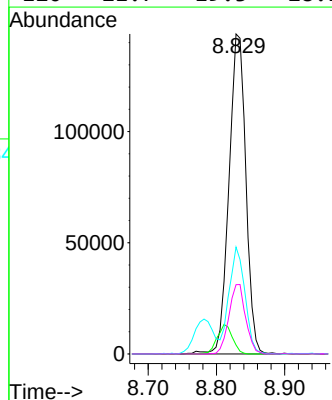
Manual Integrations
APPROVED

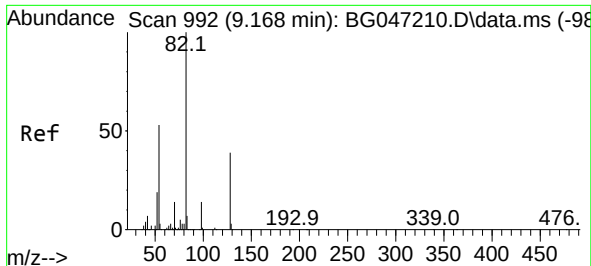
mohammad
11/12/2020 11:38:06 AM



#22
Acetophenone
Concen: 42.76 ng
RT: 8.829 min Scan# 934
Delta R.T. 0.001 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13

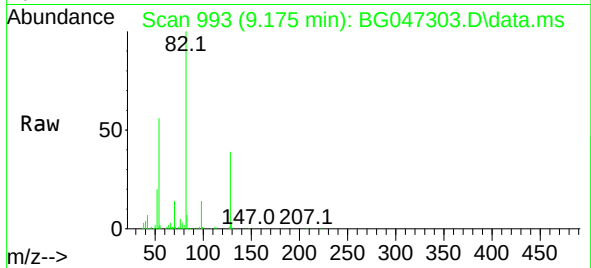
Tgt Ion:105 Resp: 248255
Ion Ratio Lower Upper
105 100
71 2.8 2.7 4.1
51 33.4 21.0 31.6#
120 21.7 19.3 28.9





#23
Nitrobenzene-d5
Concen: 79.13 ng
RT: 9.175 min Scan# 993
Delta R.T. 0.007 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13

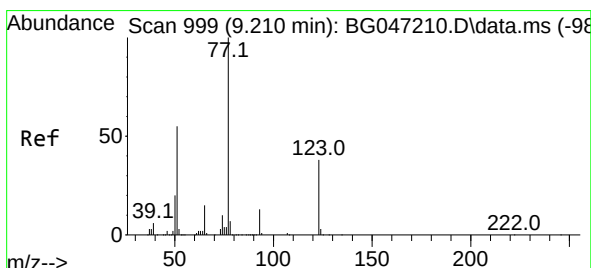
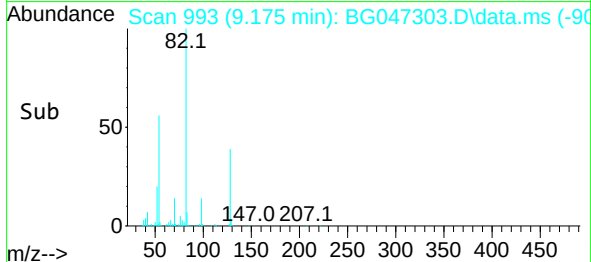
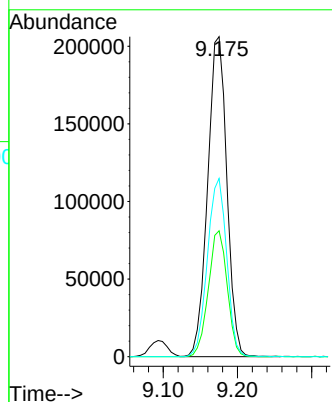
Instrument :
BNA_G
ClientSampleId :
PB132948BS



Tgt Ion: 82 Resp: 371205
Ion Ratio Lower Upper
82 100
128 39.3 37.0 55.6
54 55.7 39.0 58.4

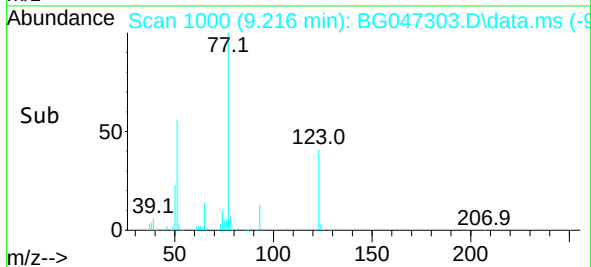
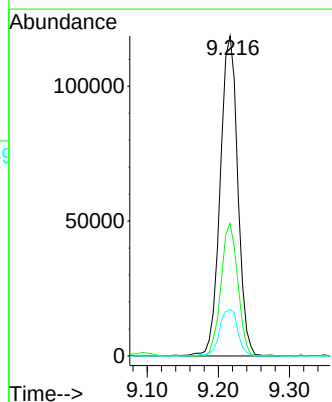
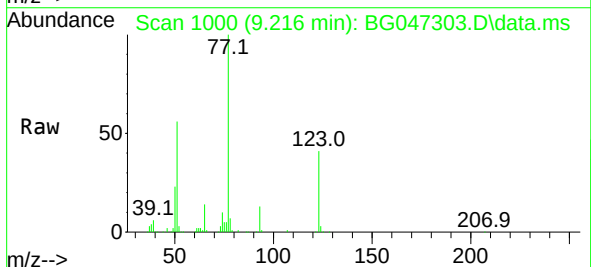
Manual Integrations
APPROVED

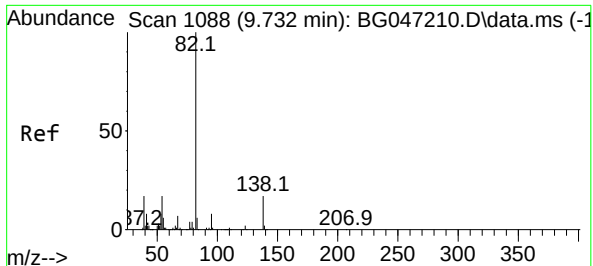
mohammad
11/12/2020 11:38:06 AM



#24
Nitrobenzene
Concen: 42.50 ng
RT: 9.216 min Scan# 1000
Delta R.T. 0.007 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13

Tgt Ion: 77 Resp: 202889
Ion Ratio Lower Upper
77 100
123 41.4 39.7 59.5
65 14.5 10.4 15.6





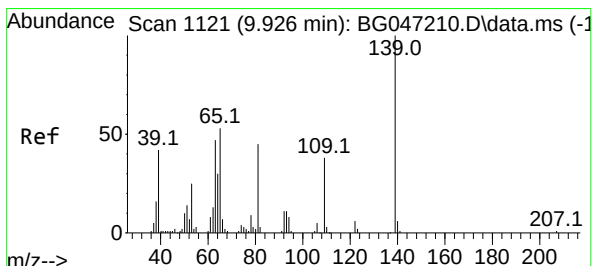
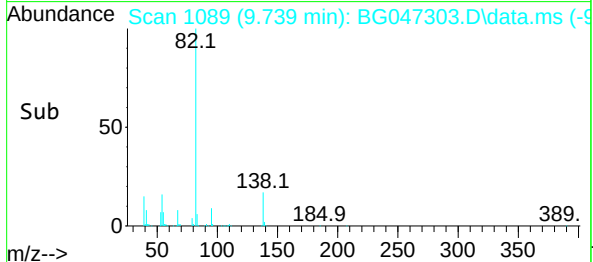
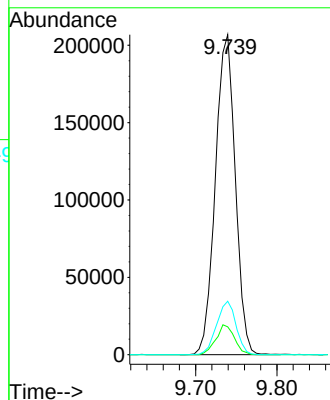
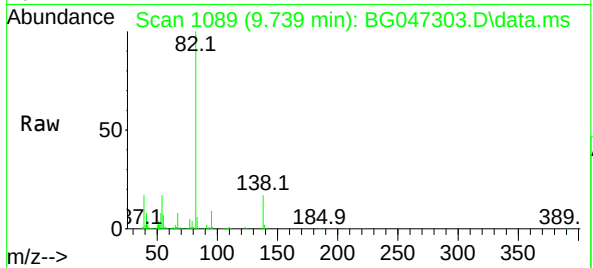
#25
Isophorone
Concen: 43.88 ng
RT: 9.739 min Scan# 1089
Delta R.T. 0.007 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13

Tgt Ion: 82 Resp: 352753
Ion Ratio Lower Upper
82 100
95 8.7 5.6 8.4#
138 16.7 15.8 23.6

Instrument :
BNA_G
ClientSampleId :
PB132948BS

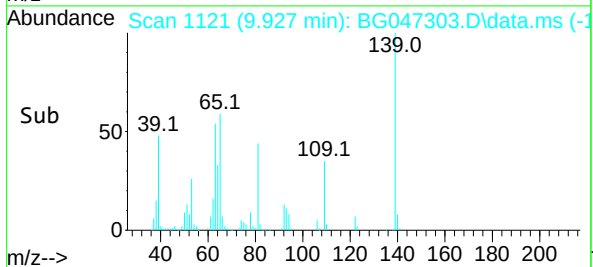
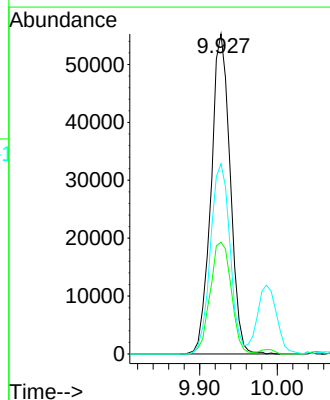
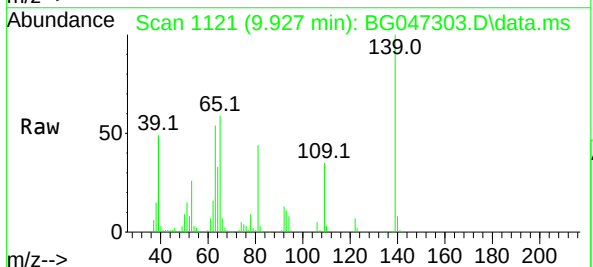
Manual Integrations
APPROVED

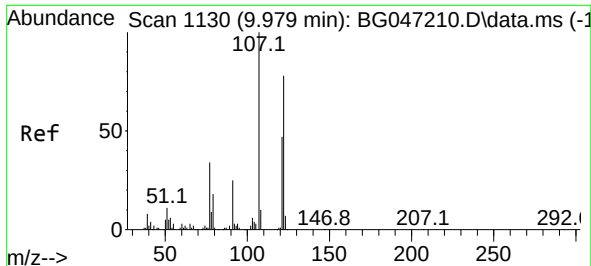
mohammad
11/12/2020 11:38:06 AM



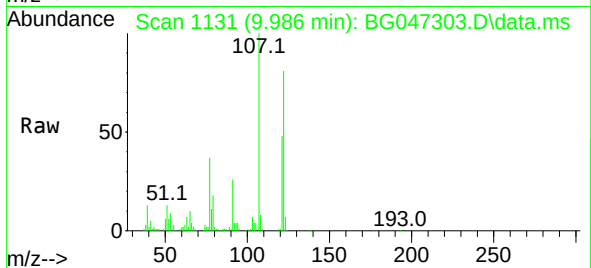
#26
2-Nitrophenol
Concen: 45.90 ng
RT: 9.927 min Scan# 1121
Delta R.T. 0.001 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13

Tgt Ion: 139 Resp: 94499
Ion Ratio Lower Upper
139 100
109 35.0 20.7 31.1#
65 59.4 36.1 54.1#

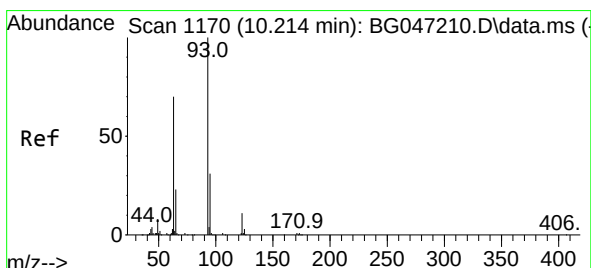
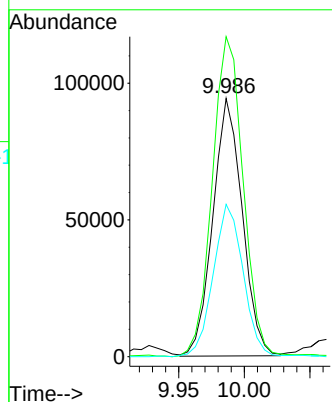
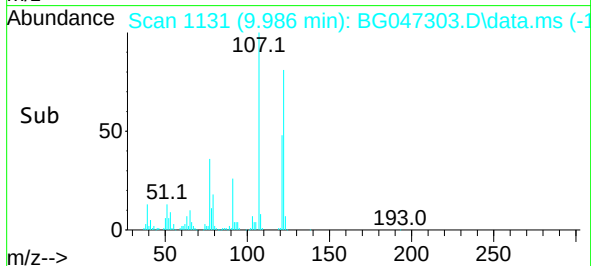




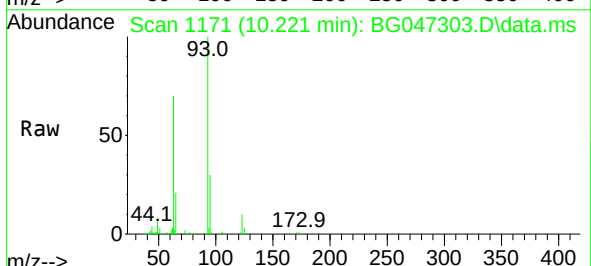
#27
2,4-Dimethylphenol
Concen: 53.15 ng
RT: 9.986 min Scan# 1131
Delta R.T. 0.007 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13



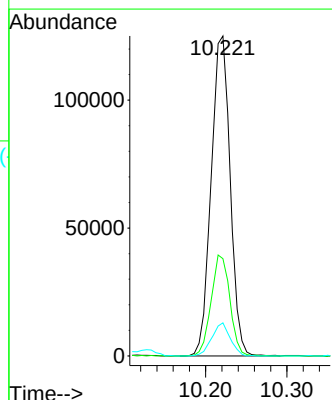
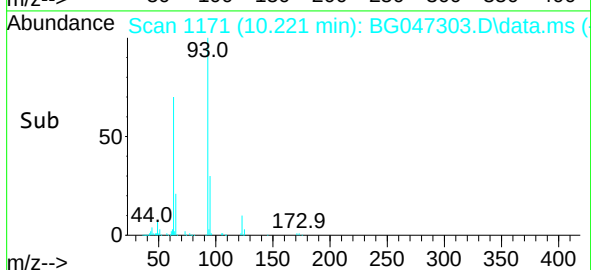
Tgt Ion:122 Resp: 146921
Ion Ratio Lower Upper
122 100
107 123.9 89.2 133.8
121 59.0 46.9 70.3



#28
bis(2-Chloroethoxy)methane
Concen: 41.78 ng
RT: 10.221 min Scan# 1171
Delta R.T. 0.007 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13



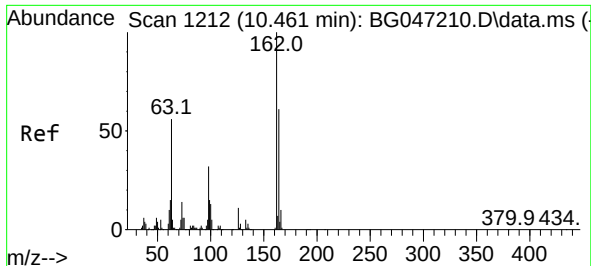
Tgt Ion: 93 Resp: 203281
Ion Ratio Lower Upper
93 100
95 30.4 26.5 39.7
123 10.3 9.4 14.0



Instrument :
BNA_G
ClientSampleId :
PB132948BS

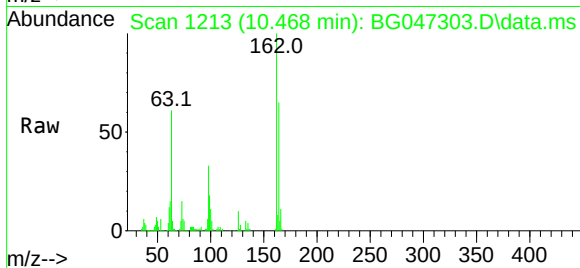
Manual Integrations
APPROVED

mohammad
11/12/2020 11:38:06 AM



#29
2,4-Dichlorophenol
Concen: 45.84 ng
RT: 10.468 min Scan# 1213
Delta R.T. 0.007 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13

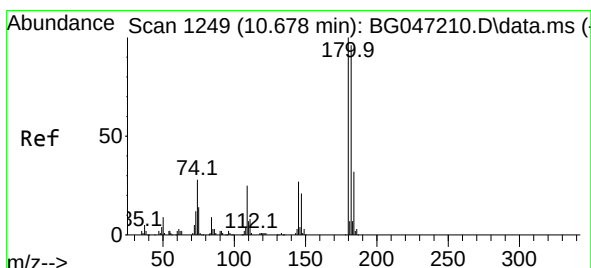
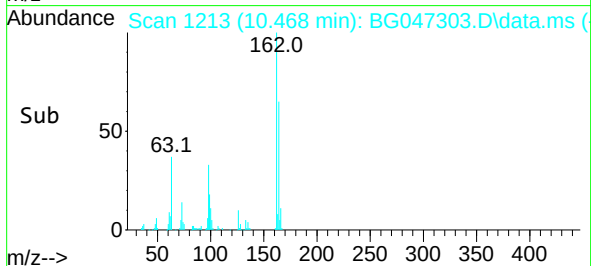
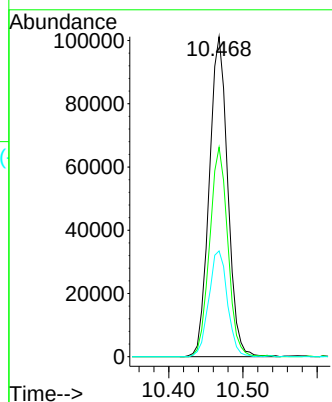
Instrument :
BNA_G
ClientSampleId :
PB132948BS



Tgt Ion:162 Resp: 175109
Ion Ratio Lower Upper
162 100
164 65.5 45.6 85.6
98 33.1 11.0 51.0

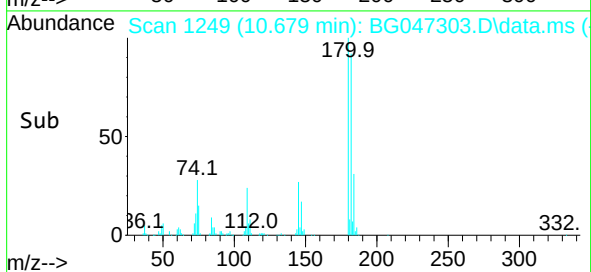
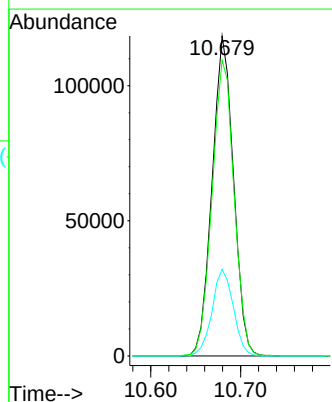
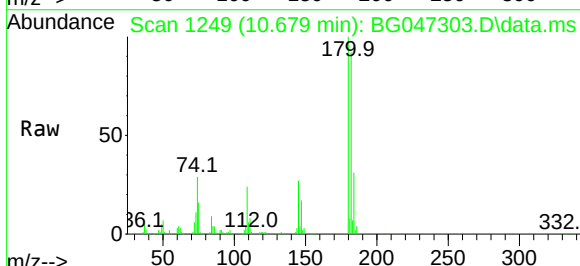
Manual Integrations
APPROVED

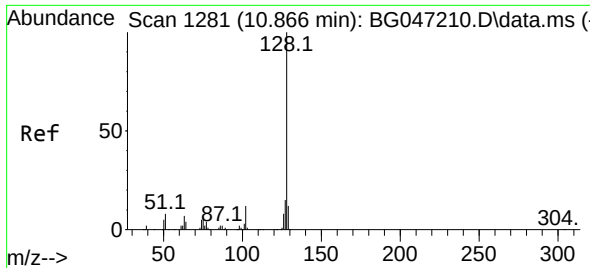
mohammad
11/12/2020 11:38:06 AM



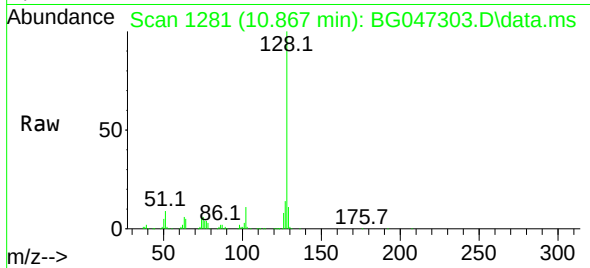
#30
1,2,4-Trichlorobenzene
Concen: 41.49 ng
RT: 10.679 min Scan# 1249
Delta R.T. 0.001 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13

Tgt Ion:180 Resp: 195361
Ion Ratio Lower Upper
180 100
182 92.4 76.9 115.3
145 27.1 21.4 32.0

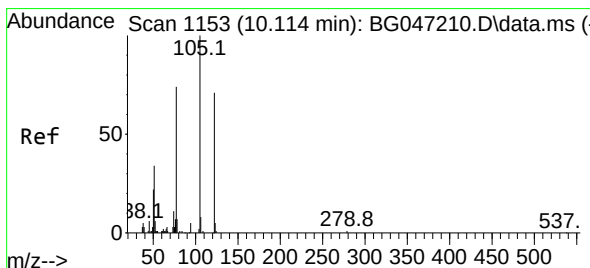
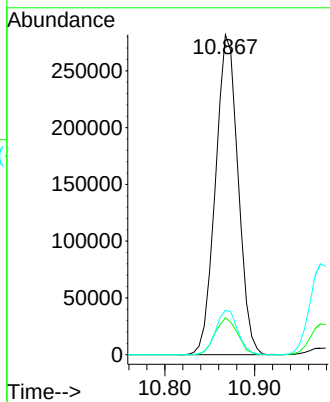
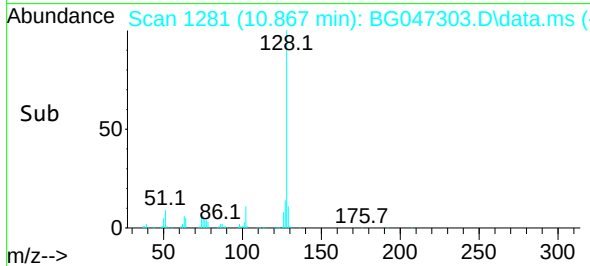




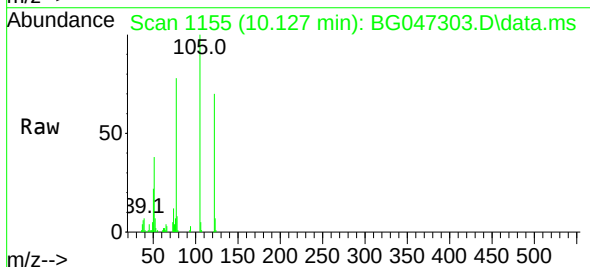
#31
Naphthalene
Concen: 42.67 ng
RT: 10.867 min Scan# 1281
Delta R.T. 0.001 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13



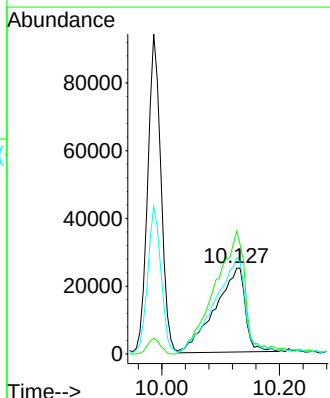
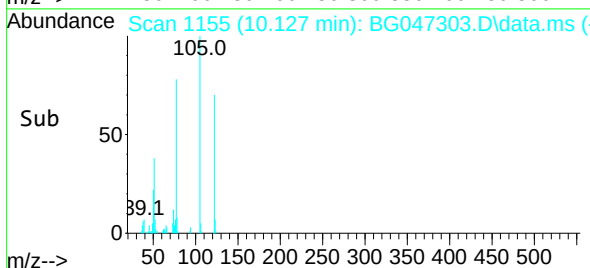
Tgt Ion:128 Resp: 491856
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 13.9 11.0 16.4



#32
Benzoic acid
Concen: 37.49 ng
RT: 10.127 min Scan# 1155
Delta R.T. 0.013 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13



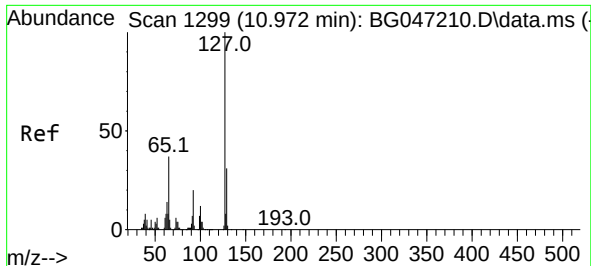
Tgt Ion:122 Resp: 88613
Ion Ratio Lower Upper
122 100
105 143.2 103.7 143.7
77 112.2 63.0 103.0#



Instrument :
BNA_G
ClientSampleId :
PB132948BS

Manual Integrations
APPROVED

mohammad
11/12/2020 11:38:06 AM



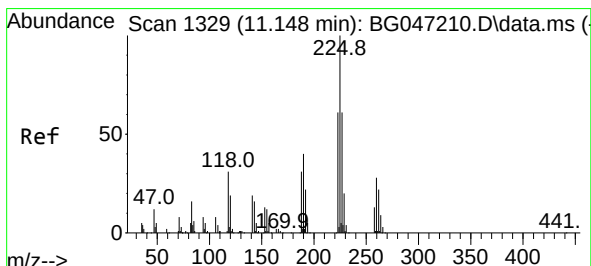
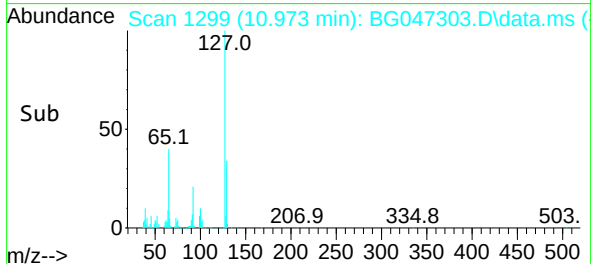
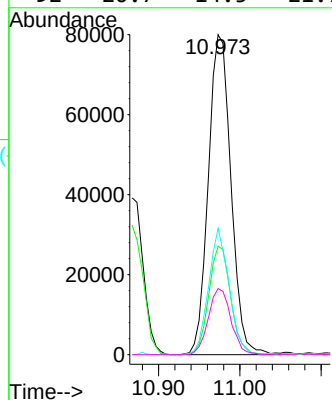
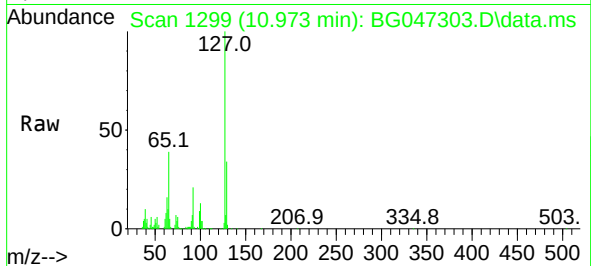
#33
4-Chloroaniline
Concen: 31.97 ng
RT: 10.973 min Scan# 1299
Delta R.T. 0.001 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13

Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.9	26.8	40.2
65	39.5	23.8	35.6#
92	20.7	14.5	21.7

Instrument :
BNA_G
ClientSampleId :
PB132948BS

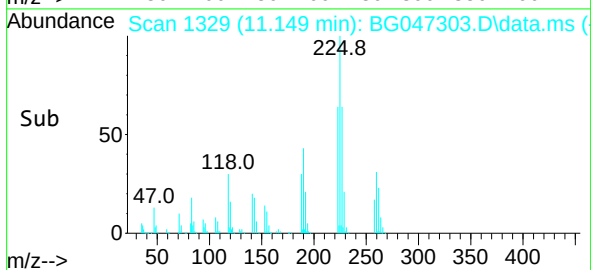
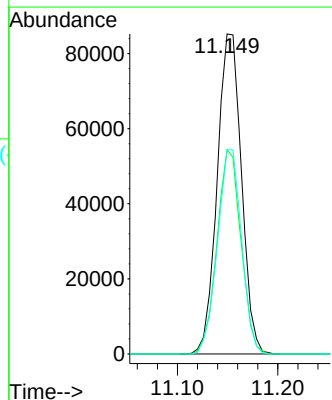
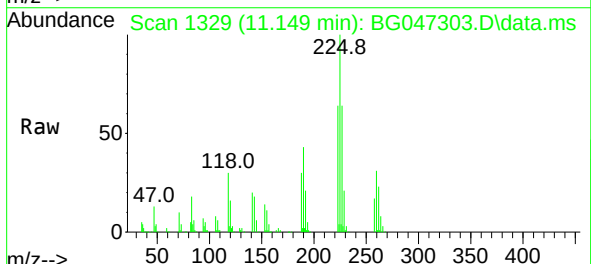
Manual Integrations
APPROVED

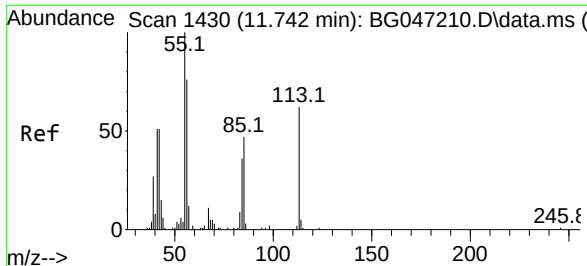
mohammad
11/12/2020 11:38:06 AM



#34
Hexachlorobutadiene
Concen: 40.15 ng
RT: 11.149 min Scan# 1329
Delta R.T. 0.001 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13

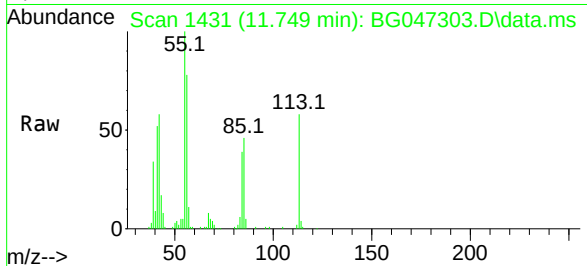
Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	49.5	74.3
227	63.9	52.0	78.0





#35
Caprolactam
Concen: 48.56 ng m
RT: 11.749 min Scan# 1431
Delta R.T. 0.007 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13

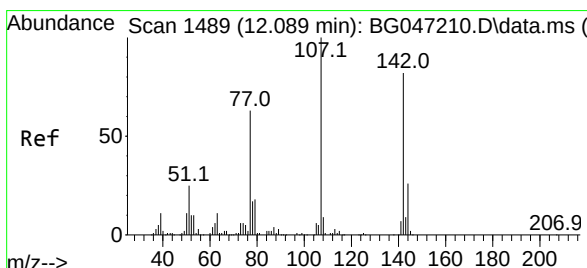
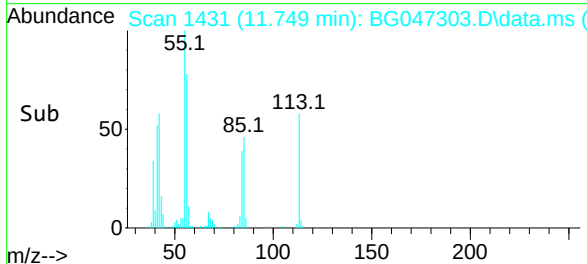
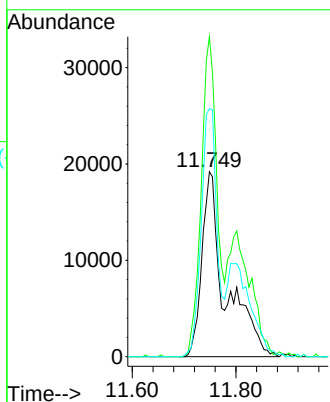
Instrument :
BNA_G
ClientSampleId :
PB132948BS



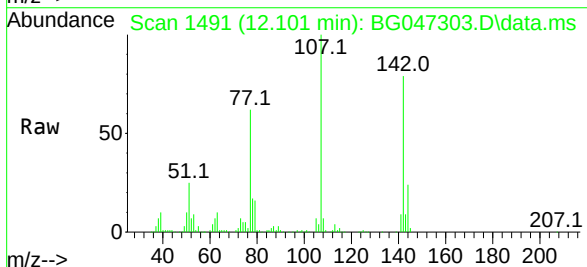
Tgt Ion:113 Resp: 60607
Ion Ratio Lower Upper
113 100
55 173.0 149.2 189.2
56 134.1 107.2 147.2

Manual Integrations
APPROVED

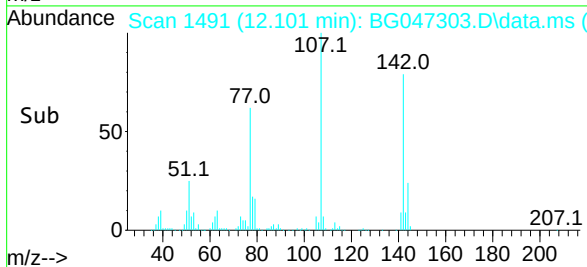
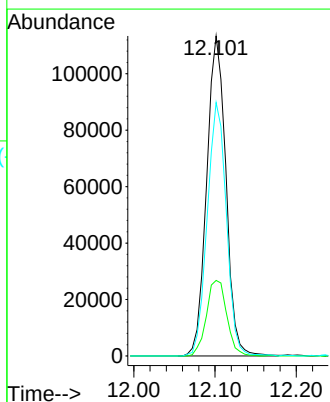
mohammad
11/12/2020 11:38:06 AM

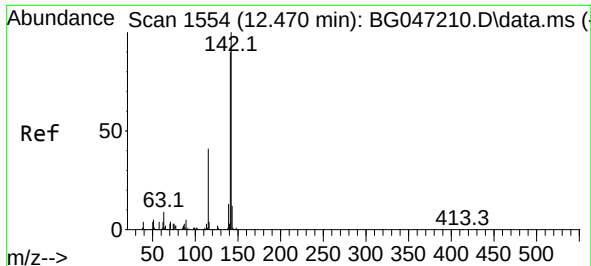


#36
4-Chloro-3-methylphenol
Concen: 47.89 ng
RT: 12.101 min Scan# 1491
Delta R.T. 0.013 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13



Tgt Ion:107 Resp: 186433
Ion Ratio Lower Upper
107 100
144 23.6 22.5 33.7
142 79.2 70.8 106.2





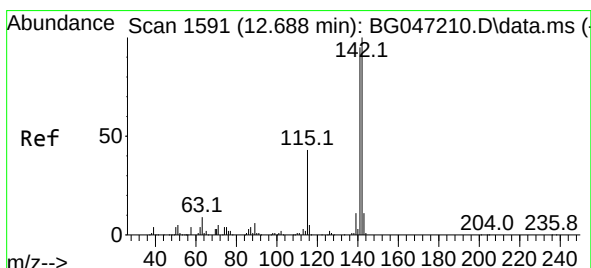
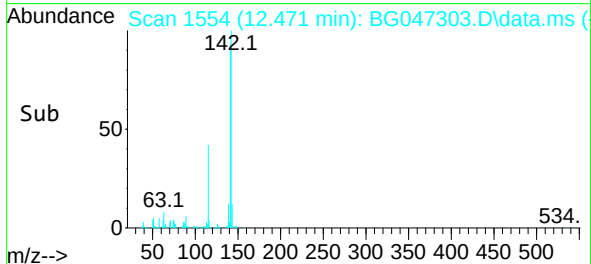
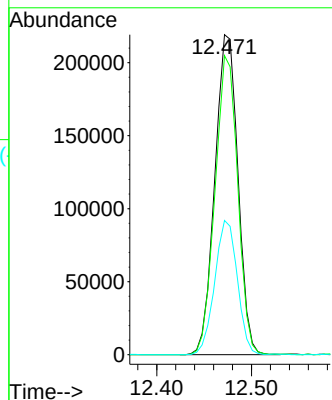
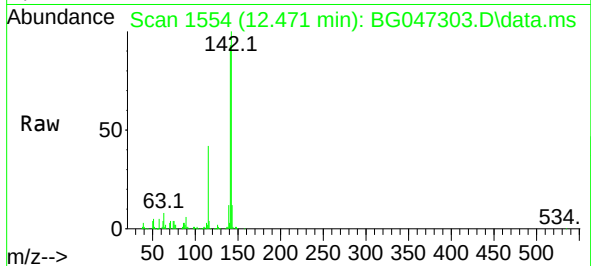
#37
2-Methylnaphthalene
Concen: 42.86 ng
RT: 12.471 min Scan# 1554
Delta R.T. 0.001 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13

Tgt Ion:142 Resp: 371270
Ion Ratio Lower Upper
142 100
141 93.4 71.6 107.4
115 42.0 25.4 38.2#

Instrument :
BNA_G
ClientSampleId :
PB132948BS

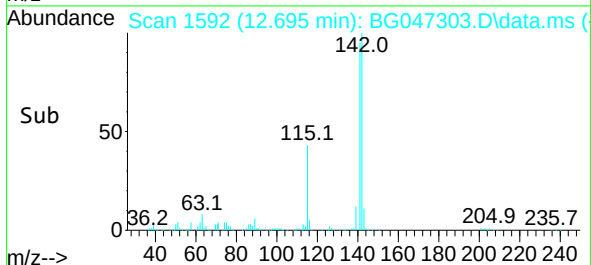
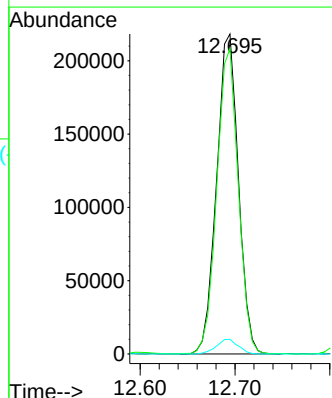
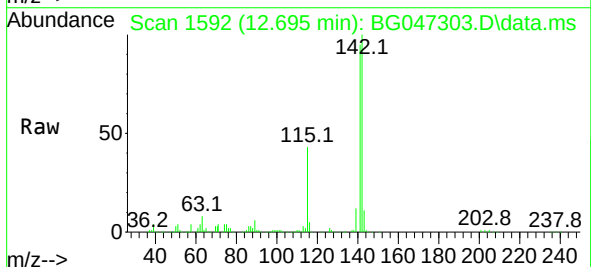
Manual Integrations
APPROVED

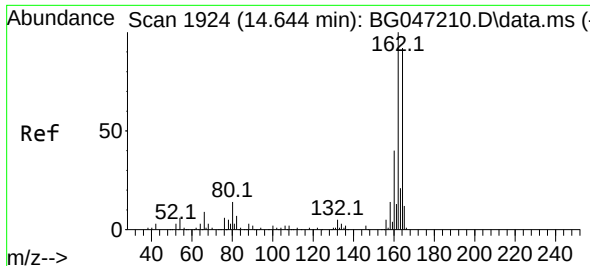
mohammad
11/12/2020 11:38:06 AM



#38
1-Methylnaphthalene
Concen: 42.45 ng
RT: 12.695 min Scan# 1592
Delta R.T. 0.007 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13

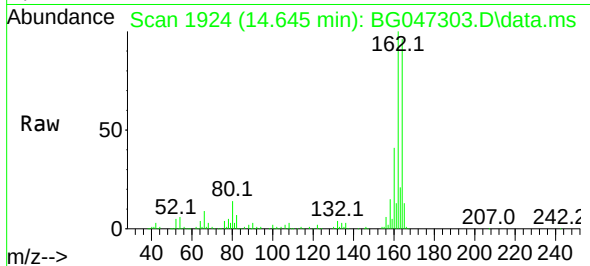
Tgt Ion:142 Resp: 349439
Ion Ratio Lower Upper
142 100
141 95.4 75.4 113.2
116 4.6 2.9 4.3#





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.645 min Scan# 1924
Delta R.T. 0.001 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13

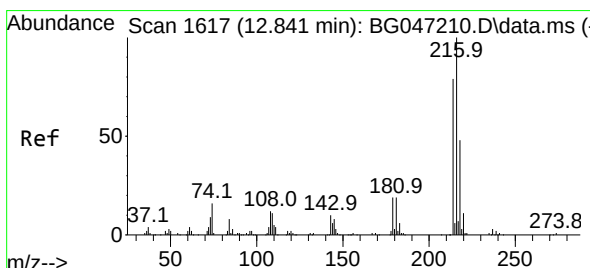
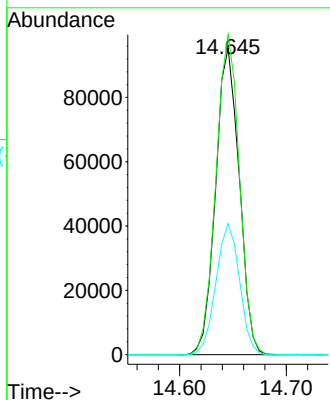
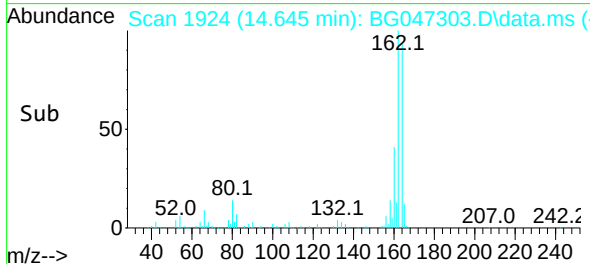
Instrument :
BNA_G
ClientSampleId :
PB132948BS



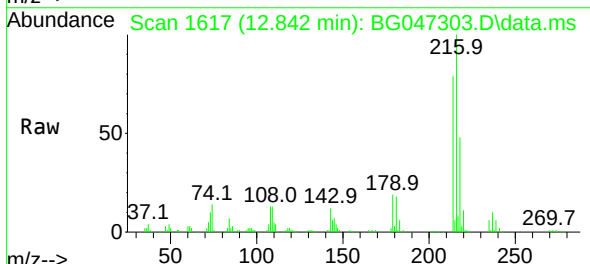
Tgt Ion:164 Resp: 146249
Ion Ratio Lower Upper
164 100
162 104.3 82.3 123.5
160 42.8 35.3 52.9

Manual Integrations
APPROVED

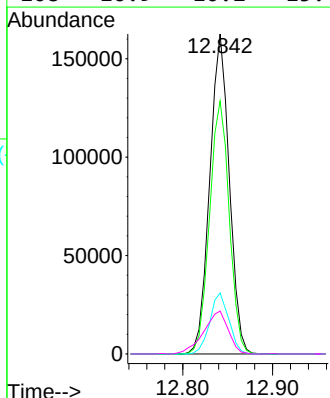
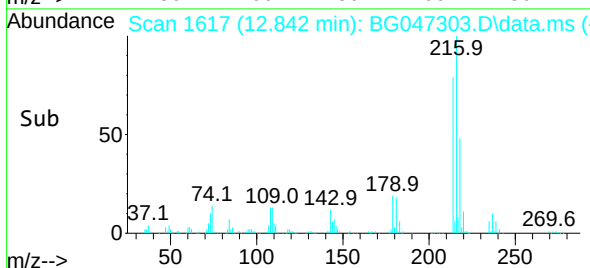
mohammad
11/12/2020 11:38:06 AM

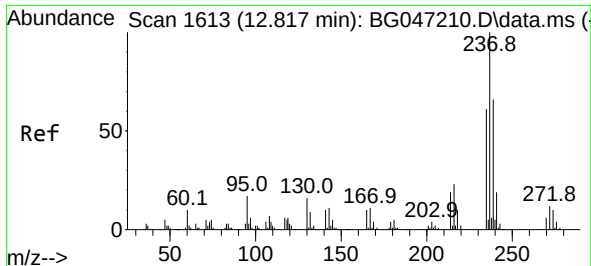


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.46 ng
RT: 12.842 min Scan# 1617
Delta R.T. 0.001 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13

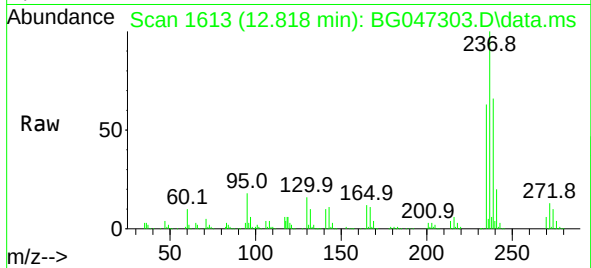


Tgt Ion:216 Resp: 245161
Ion Ratio Lower Upper
216 100
214 79.6 61.9 92.9
179 18.6 14.8 22.2
108 16.9 10.2 15.4#

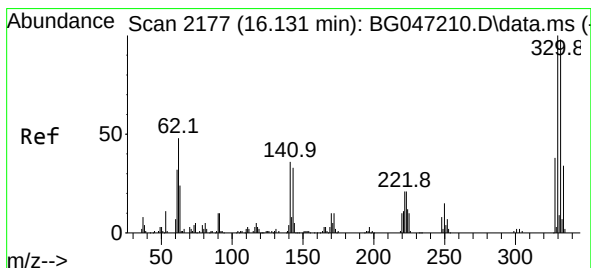
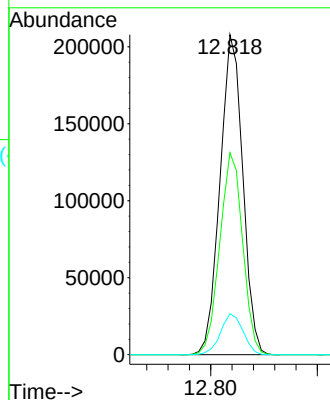
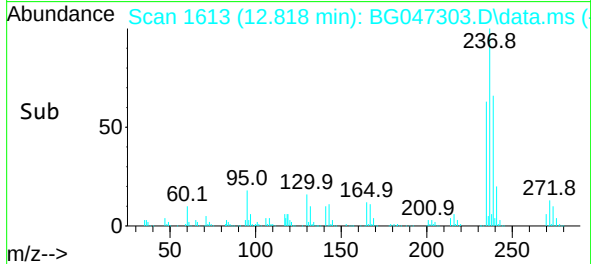




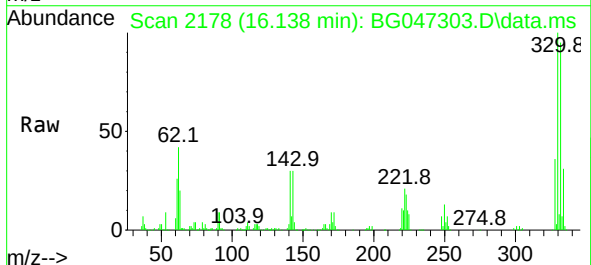
#41
Hexachlorocyclopentadiene
Concen: 102.75 ng
RT: 12.818 min Scan# 1613
Delta R.T. 0.001 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13



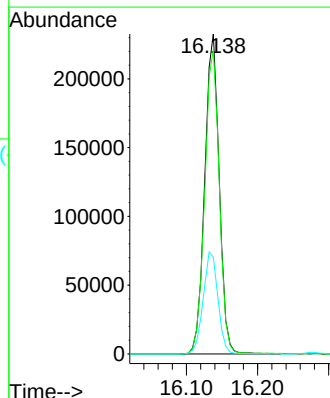
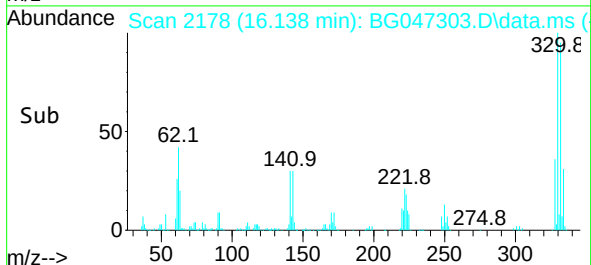
Tgt Ion:237 Resp: 307506
Ion Ratio Lower Upper
237 100
235 63.1 43.1 83.1
272 12.8 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 134.47 ng
RT: 16.138 min Scan# 2178
Delta R.T. 0.007 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13



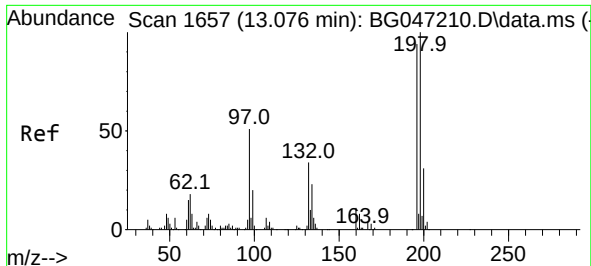
Tgt Ion:330 Resp: 329323
Ion Ratio Lower Upper
330 100
332 95.6 76.5 114.7
141 32.7 26.0 39.0



Instrument :
BNA_G
ClientSampleId :
PB132948BS

Manual Integrations
APPROVED

mohammad
11/12/2020 11:38:06 AM



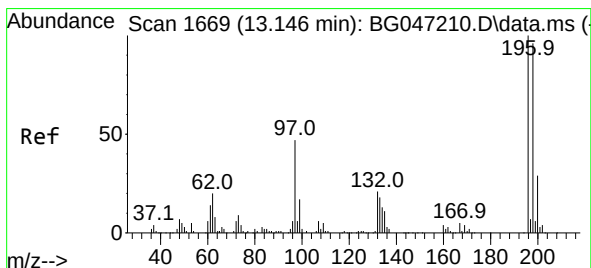
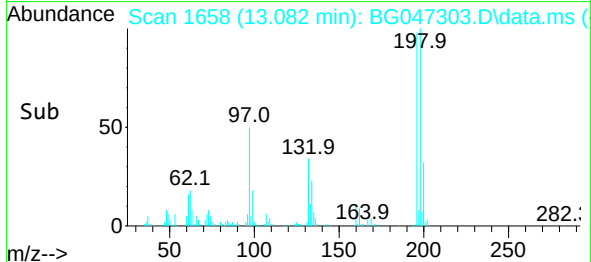
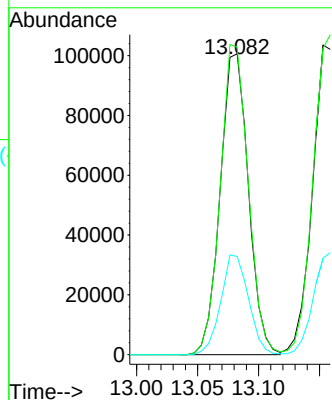
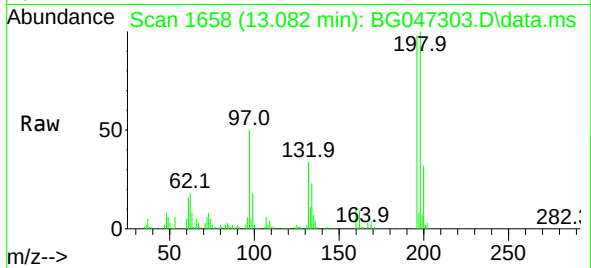
#43
2,4,6-Trichlorophenol
Concen: 43.23 ng
RT: 13.082 min Scan# 1658
Delta R.T. 0.007 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13

Tgt Ion:196 Resp: 162280
Ion Ratio Lower Upper
196 100
198 102.2 74.9 112.3
200 32.7 25.3 37.9

Instrument :
BNA_G
ClientSampleId :
PB132948BS

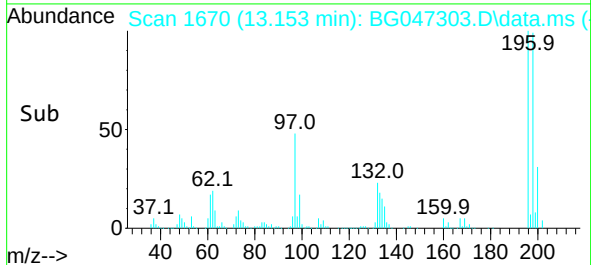
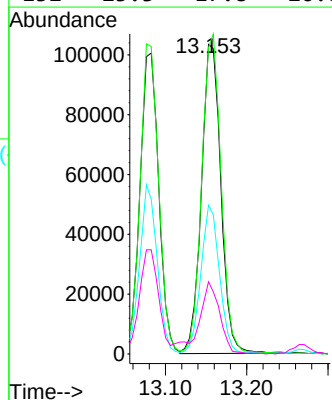
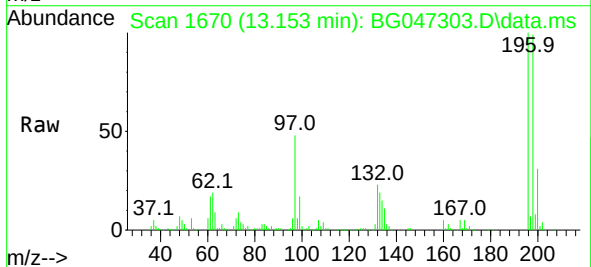
Manual Integrations
APPROVED

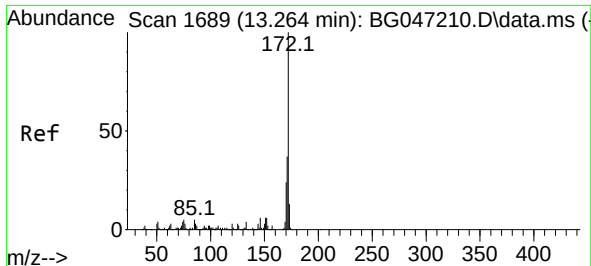
mohammad
11/12/2020 11:38:06 AM



#44
2,4,5-Trichlorophenol
Concen: 45.17 ng
RT: 13.153 min Scan# 1670
Delta R.T. 0.007 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13

Tgt Ion:196 Resp: 172178
Ion Ratio Lower Upper
196 100
198 98.9 77.6 116.4
97 48.0 28.6 43.0#
132 23.3 17.8 26.8





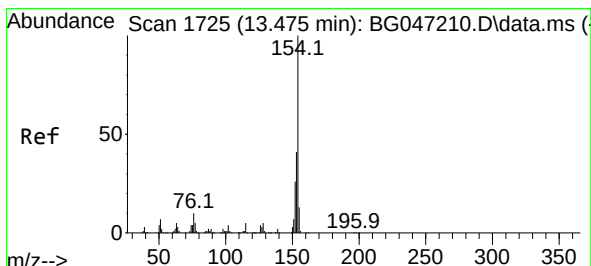
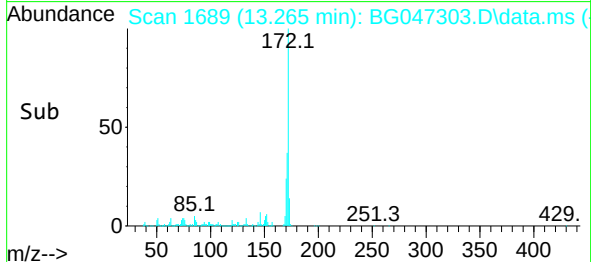
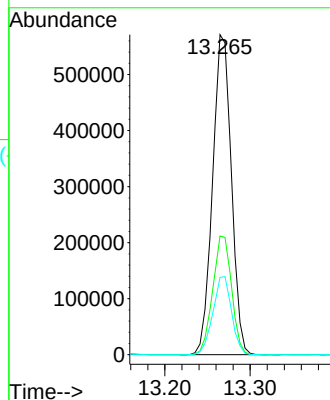
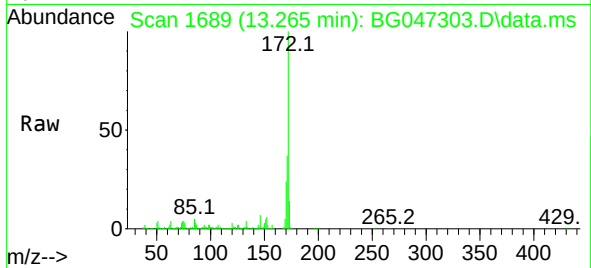
#45
2-Fluorobiphenyl
Concen: 76.72 ng
RT: 13.265 min Scan# 1689
Delta R.T. 0.001 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13

Tgt Ion:172 Resp: 874801
Ion Ratio Lower Upper
172 100
171 37.1 31.3 46.9
170 24.1 20.8 31.2

Instrument :
BNA_G
ClientSampleId :
PB132948BS

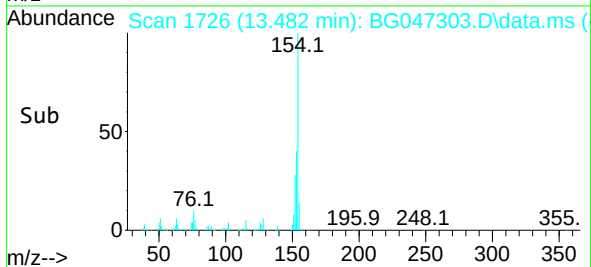
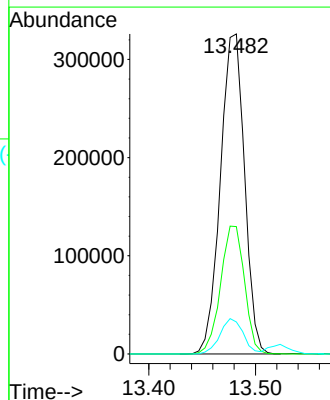
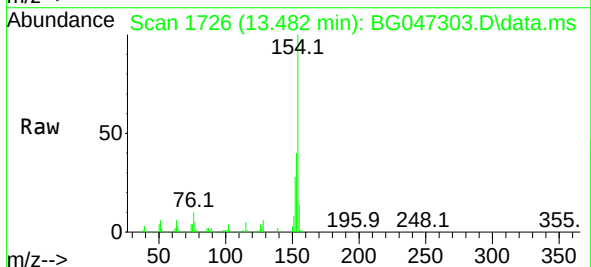
Manual Integrations
APPROVED

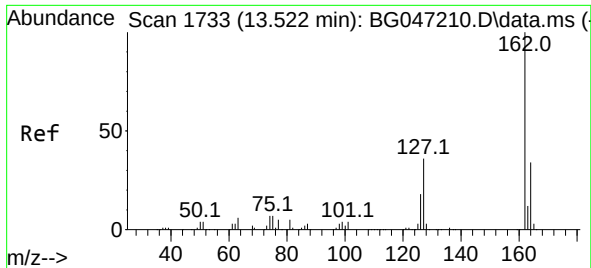
mohammad
11/12/2020 11:38:06 AM



#46
1,1'-Biphenyl
Concen: 42.80 ng
RT: 13.482 min Scan# 1726
Delta R.T. 0.007 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13

Tgt Ion:154 Resp: 512470
Ion Ratio Lower Upper
154 100
153 39.8 22.6 62.6
76 10.0 0.0 32.6





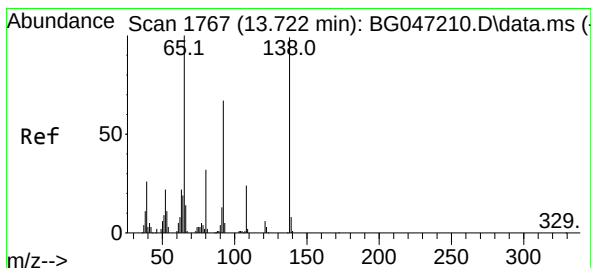
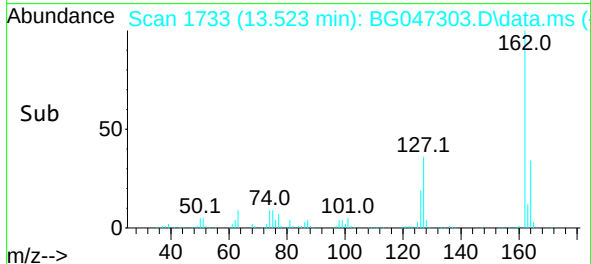
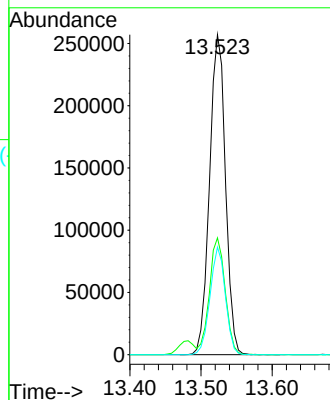
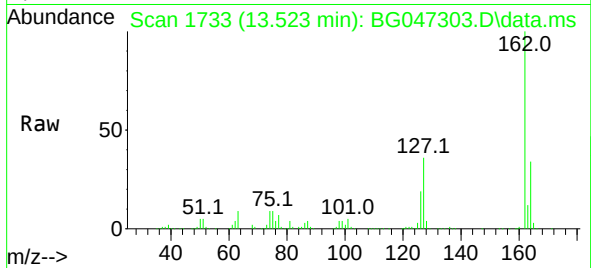
#47
2-Chloronaphthalene
Concen: 41.06 ng
RT: 13.523 min Scan# 1733
Delta R.T. 0.001 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13

Tgt Ion:162 Resp: 401033
Ion Ratio Lower Upper
162 100
127 36.5 27.8 41.6
164 33.6 27.0 40.4

Instrument :
BNA_G
ClientSampleId :
PB132948BS

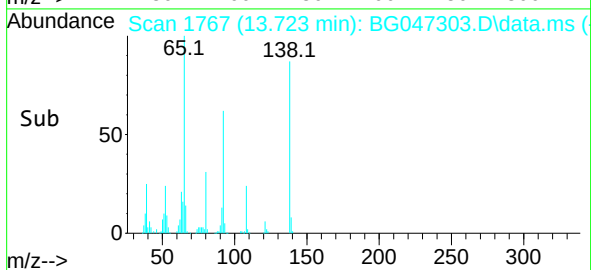
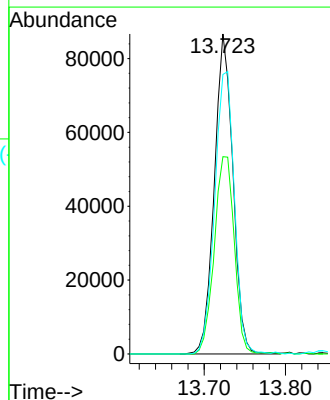
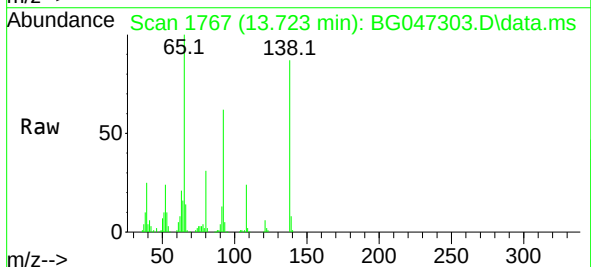
Manual Integrations
APPROVED

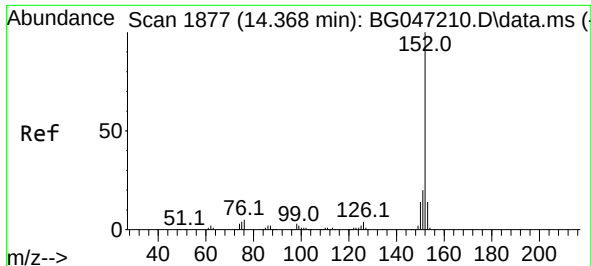
mohammad
11/12/2020 11:38:06 AM



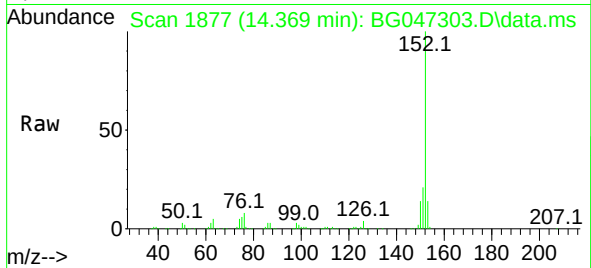
#48
2-Nitroaniline
Concen: 42.62 ng
RT: 13.723 min Scan# 1767
Delta R.T. 0.001 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13

Tgt Ion: 65 Resp: 137957
Ion Ratio Lower Upper
65 100
92 61.7 58.6 88.0
138 87.4 98.2 147.4#

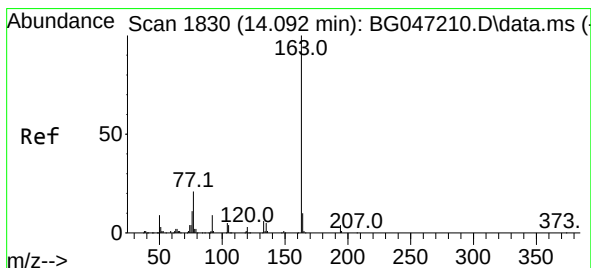
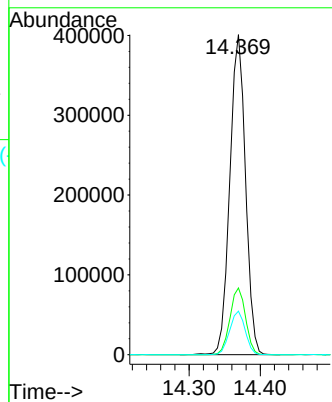
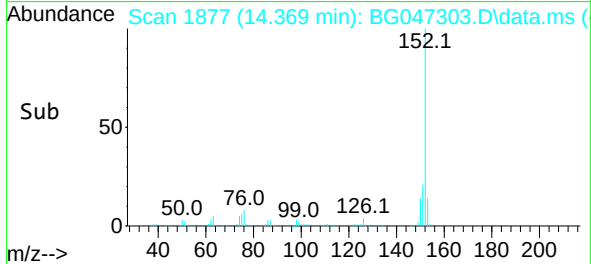




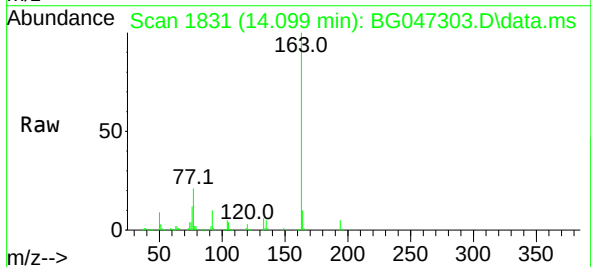
#49
Acenaphthylene
Concen: 42.95 ng
RT: 14.369 min Scan# 1877
Delta R.T. 0.001 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13



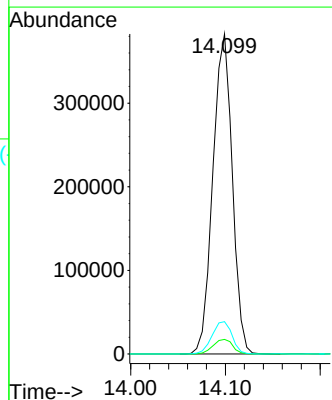
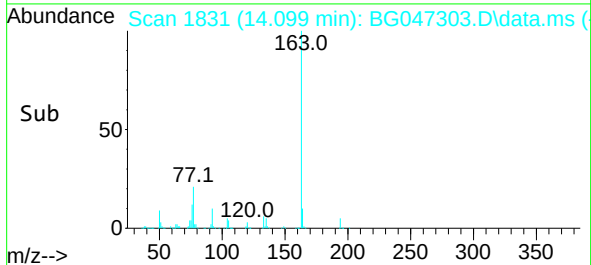
Tgt Ion:152 Resp: 613515
Ion Ratio Lower Upper
152 100
151 20.8 17.4 26.0
153 13.6 11.5 17.3



#50
Dimethylphthalate
Concen: 42.20 ng
RT: 14.099 min Scan# 1831
Delta R.T. 0.007 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13



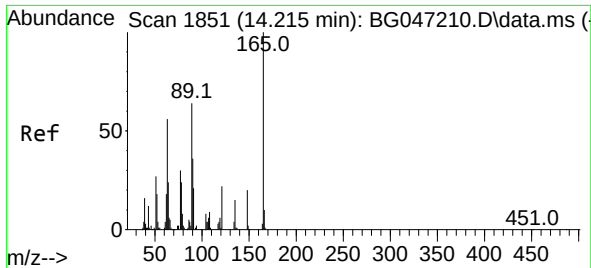
Tgt Ion:163 Resp: 545082
Ion Ratio Lower Upper
163 100
194 4.5 3.8 5.8
164 10.1 8.8 13.2



Instrument :
BNA_G
ClientSampleId :
PB132948BS

Manual Integrations
APPROVED

mohammad
11/12/2020 11:38:06 AM



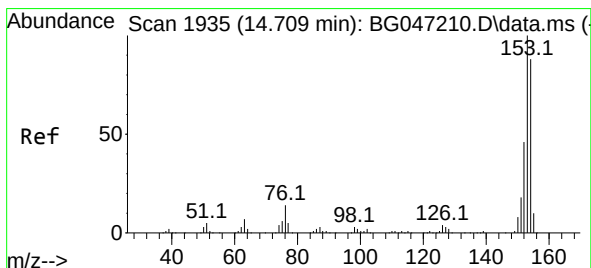
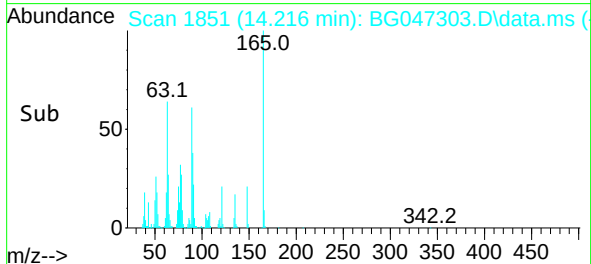
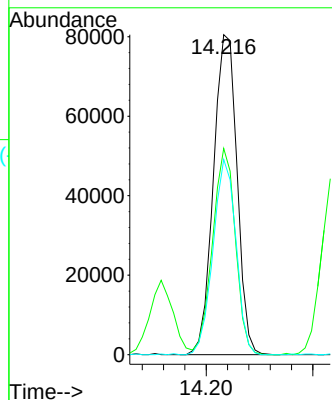
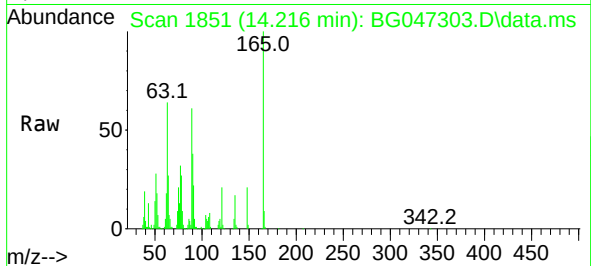
#51
2,6-Dinitrotoluene
Concen: 46.16 ng
RT: 14.216 min Scan# 1851
Delta R.T. 0.001 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13

Tgt Ion:165 Resp: 123656
Ion Ratio Lower Upper
165 100
63 64.4 33.7 50.5#
89 61.0 36.6 54.8#

Instrument :
BNA_G
ClientSampleId :
PB132948BS

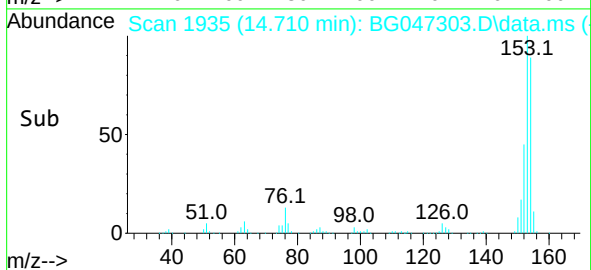
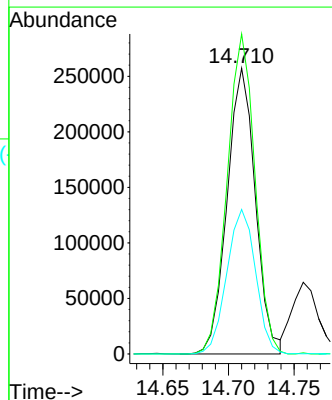
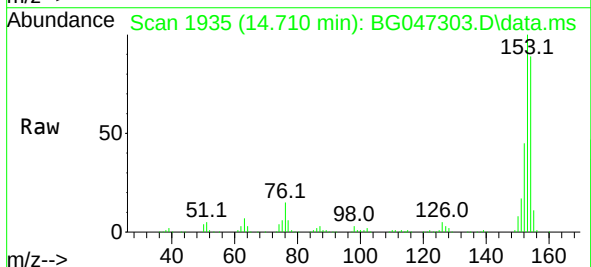
Manual Integrations
APPROVED

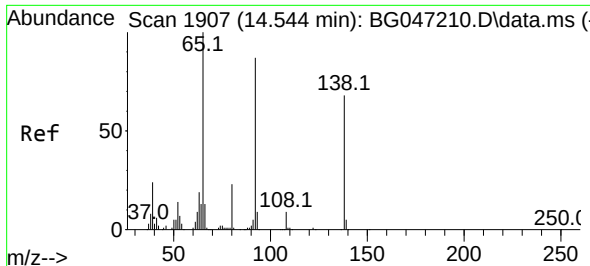
mohammad
11/12/2020 11:38:06 AM



#52
Acenaphthene
Concen: 42.17 ng
RT: 14.710 min Scan# 1935
Delta R.T. 0.001 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13

Tgt Ion:154 Resp: 385126
Ion Ratio Lower Upper
154 100
153 112.0 90.3 135.5
152 50.6 43.8 65.8





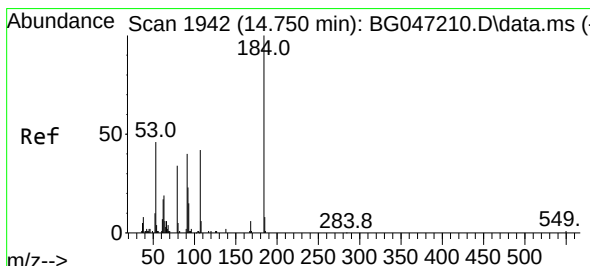
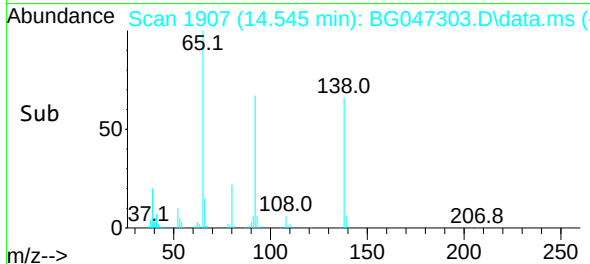
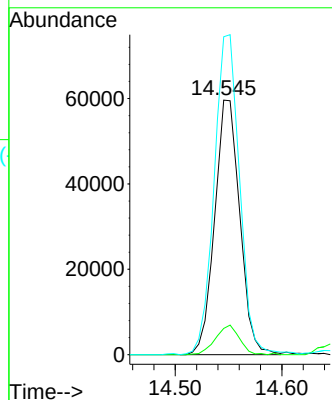
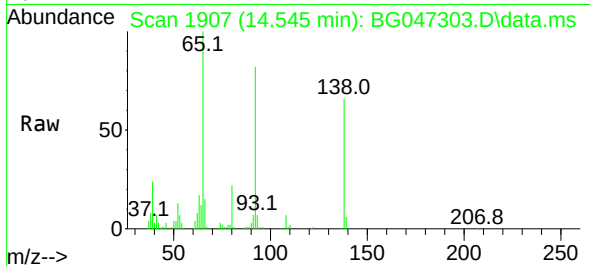
#53
3-Nitroaniline
Concen: 36.55 ng
RT: 14.545 min Scan# 1907
Delta R.T. 0.001 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13

Tgt Ion:138 Resp: 97462
Ion Ratio Lower Upper
138 100
108 10.3 7.4 11.0
92 124.9 85.2 127.8

Instrument :
BNA_G
ClientSampleId :
PB132948BS

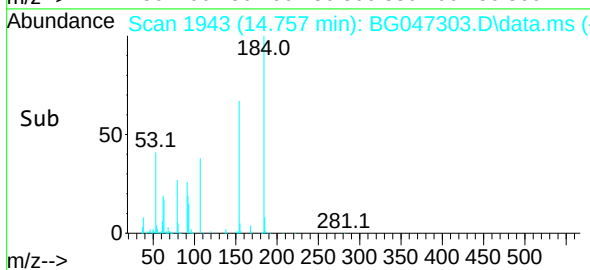
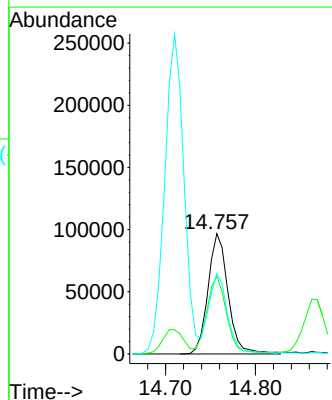
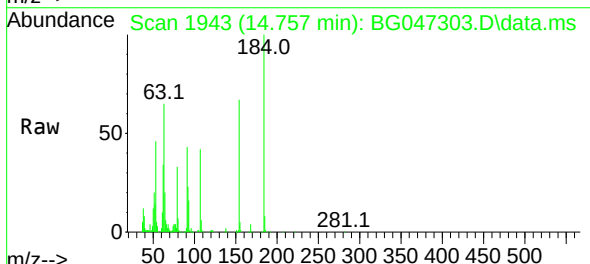
Manual Integrations
APPROVED

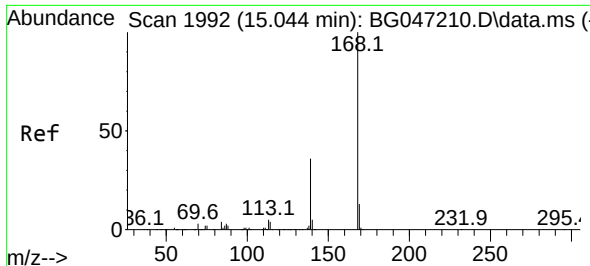
mohammad
11/12/2020 11:38:06 AM



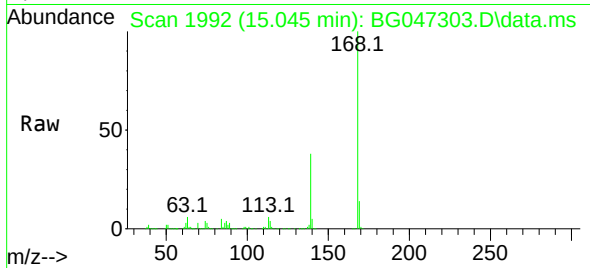
#54
2,4-Dinitrophenol
Concen: 87.36 ng
RT: 14.757 min Scan# 1943
Delta R.T. 0.007 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13

Tgt Ion:184 Resp: 150131
Ion Ratio Lower Upper
184 100
63 64.7 32.3 48.5#
154 66.8 40.4 60.6#

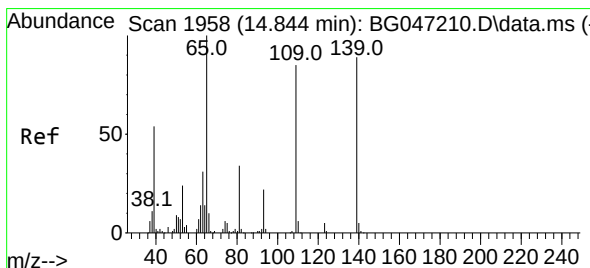
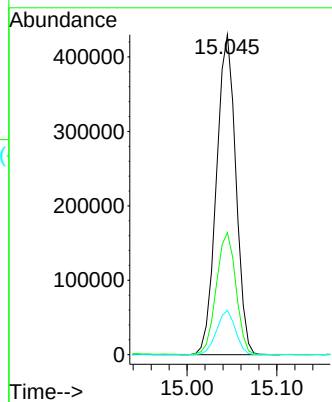
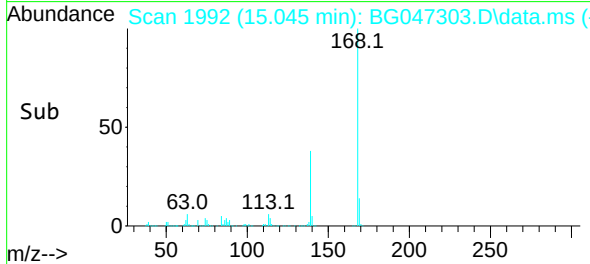




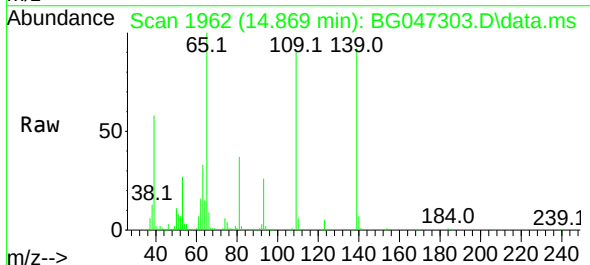
#55
Dibenzenofuran
Concen: 43.00 ng
RT: 15.045 min Scan# 1992
Delta R.T. 0.001 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13



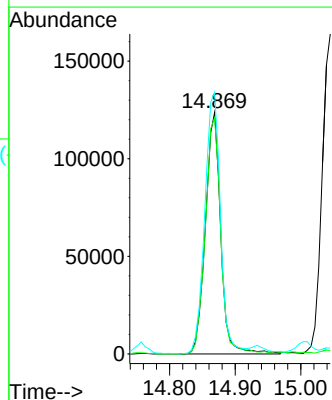
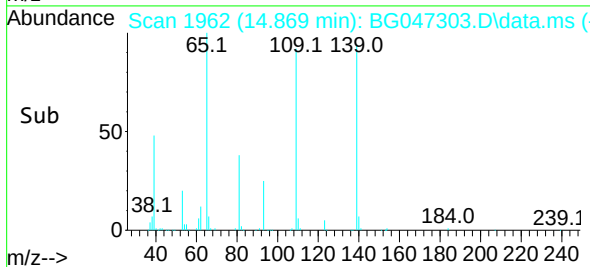
Tgt Ion:168 Resp: 645603
Ion Ratio Lower Upper
168 100
139 38.1 28.6 43.0
169 13.9 11.0 16.6



#56
4-Nitrophenol
Concen: 97.41 ng
RT: 14.869 min Scan# 1962
Delta R.T. 0.025 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13



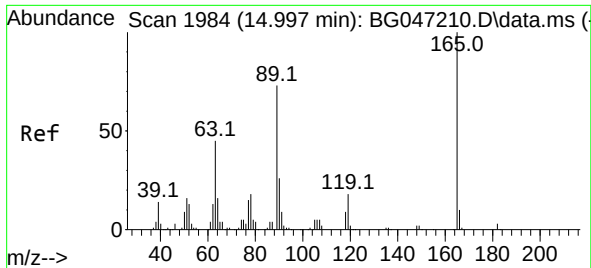
Tgt Ion:139 Resp: 201186
Ion Ratio Lower Upper
139 100
109 97.8 45.9 85.9#
65 108.4 65.4 105.4#



Instrument :
BNA_G
ClientSampleId :
PB132948BS

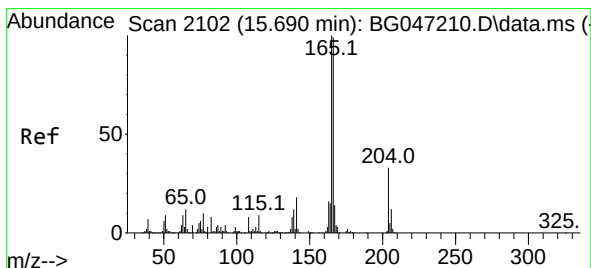
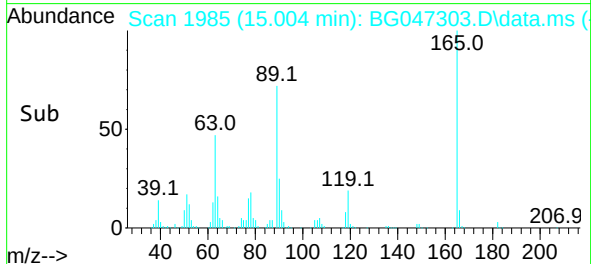
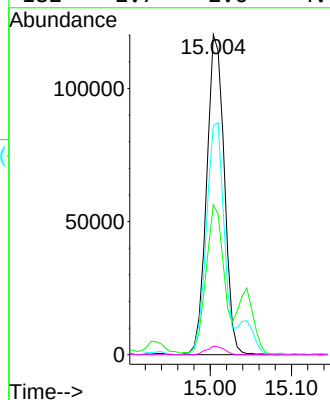
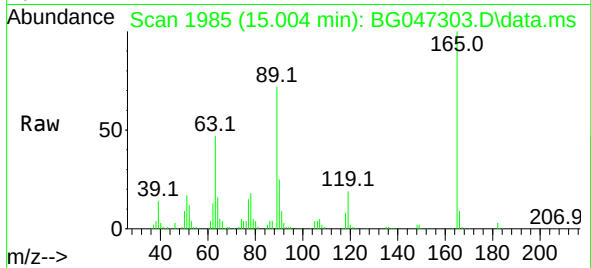
Manual Integrations
APPROVED

mohammad
11/12/2020 11:38:06 AM



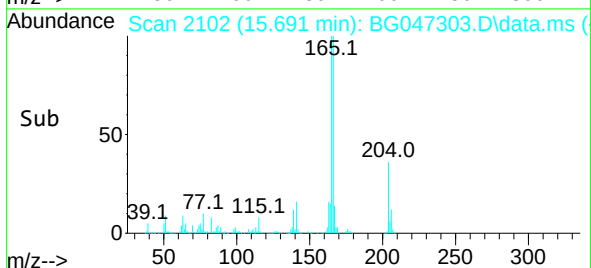
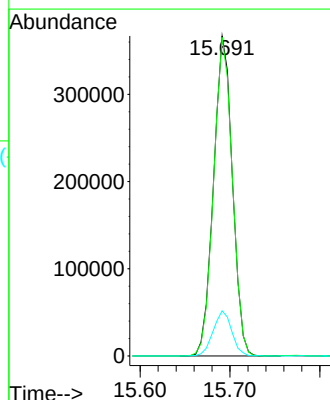
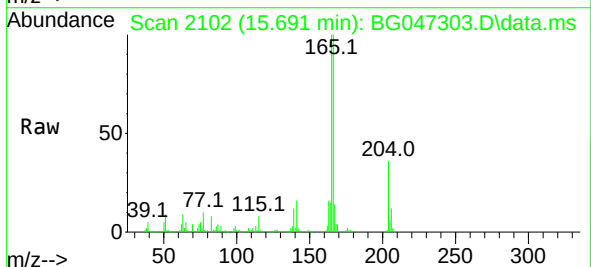
#57
2,4-Dinitrotoluene
Concen: 46.13 ng
RT: 15.004 min Scan# 1985
Delta R.T. 0.007 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13

Tgt Ion:165 Resp: 180441
Ion Ratio Lower Upper
165 100
63 46.9 26.4 39.6#
89 71.6 47.8 71.8
182 2.7 2.6 4.0



#58
Fluorene
Concen: 44.23 ng
RT: 15.691 min Scan# 2102
Delta R.T. 0.001 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13

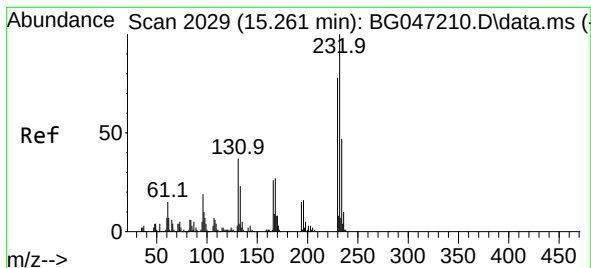
Tgt Ion:166 Resp: 533861
Ion Ratio Lower Upper
166 100
165 99.6 77.2 115.8
167 14.1 11.4 17.2



Instrument :
BNA_G
ClientSampleId :
PB132948BS

Manual Integrations
APPROVED

mohammad
11/12/2020 11:38:06 AM



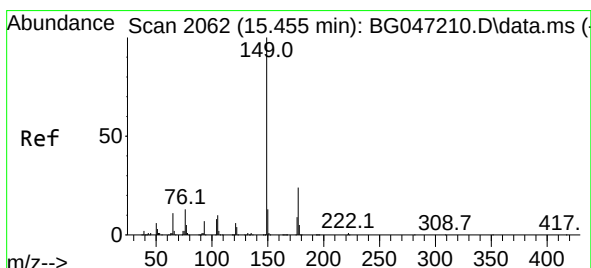
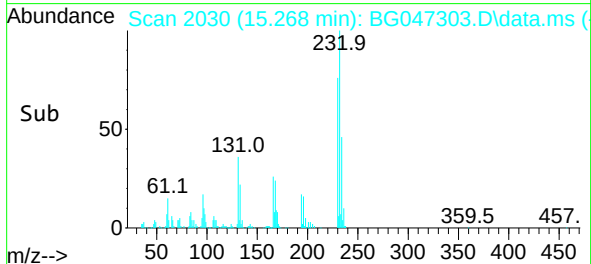
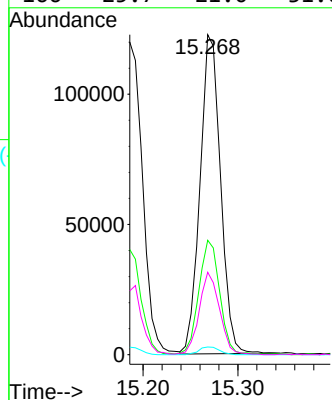
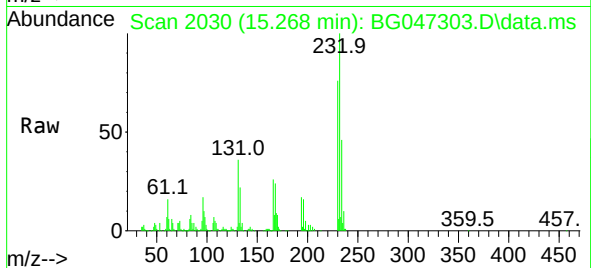
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.05 ng
RT: 15.268 min Scan# 2030
Delta R.T. 0.007 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13

Tgt Ion:	232	Resp:	184286
Ion Ratio	Lower	Upper	
232	100		
131	36.1	26.6	40.0
130	2.4	1.4	2.0#
166	25.7	21.0	31.6

Instrument :
BNA_G
ClientSampleId :
PB132948BS

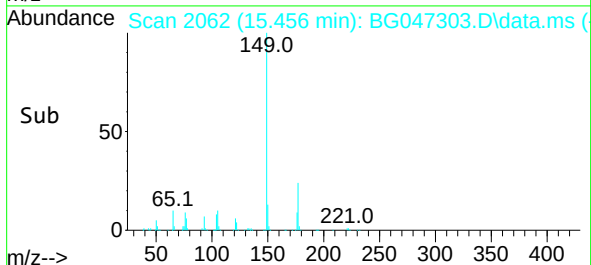
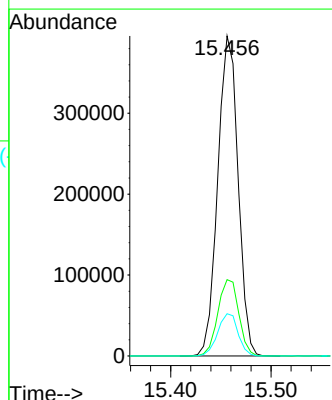
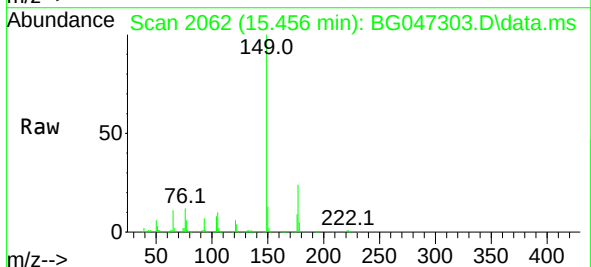
Manual Integrations
APPROVED

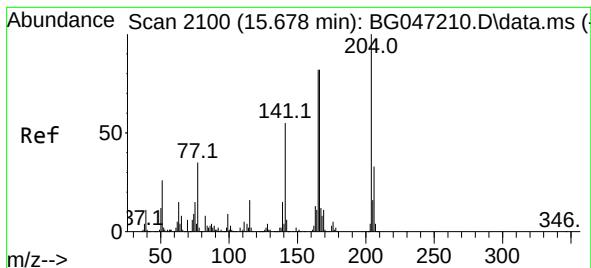
mohammad
11/12/2020 11:38:06 AM



#60
Diethylphthalate
Concen: 43.55 ng
RT: 15.456 min Scan# 2062
Delta R.T. 0.001 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13

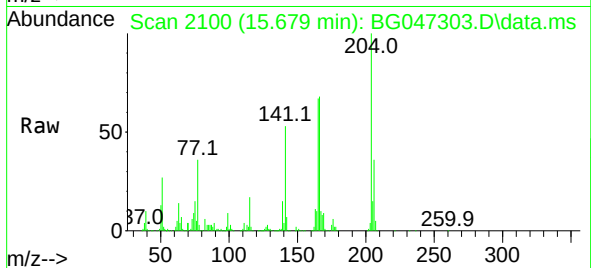
Tgt Ion:	149	Resp:	555580
Ion Ratio	Lower	Upper	
149	100		
177	23.8	21.4	32.2
150	13.2	10.7	16.1





#61
4-Chlorophenyl-phenylether
Concen: 43.15 ng
RT: 15.679 min Scan# 2100
Delta R.T. 0.001 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13

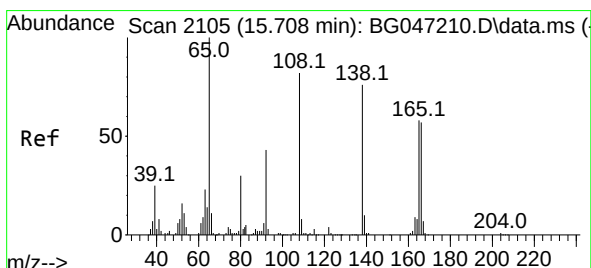
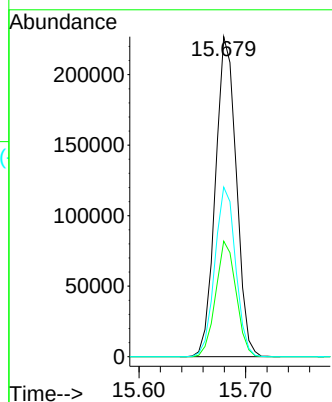
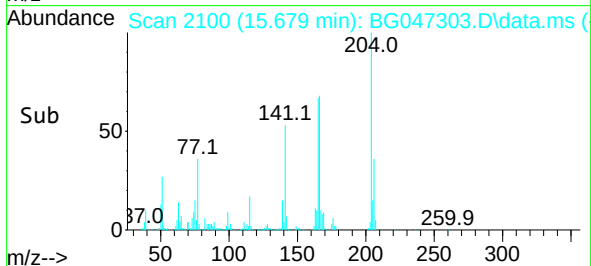
Instrument :
BNA_G
ClientSampleId :
PB132948BS



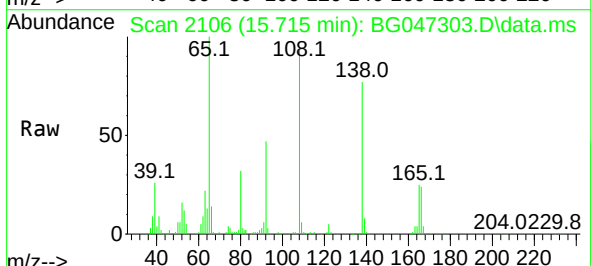
Tgt Ion:204 Resp: 308373
Ion Ratio Lower Upper
204 100
206 36.1 27.8 41.8
141 53.0 41.5 62.3

Manual Integrations
APPROVED

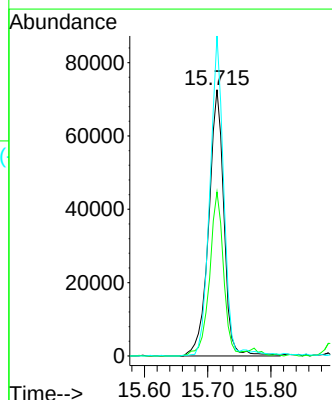
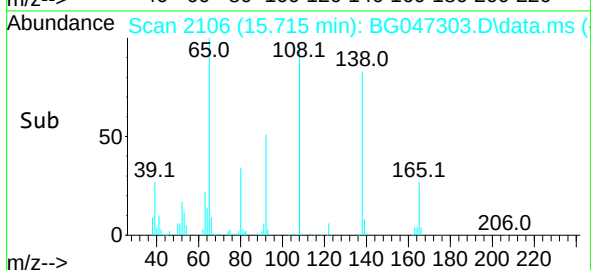
mohammad
11/12/2020 11:38:06 AM

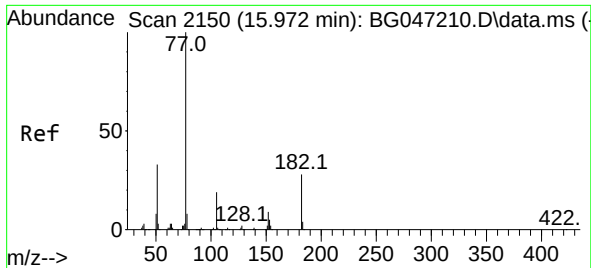


#62
4-Nitroaniline
Concen: 42.41 ng
RT: 15.715 min Scan# 2106
Delta R.T. 0.007 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13



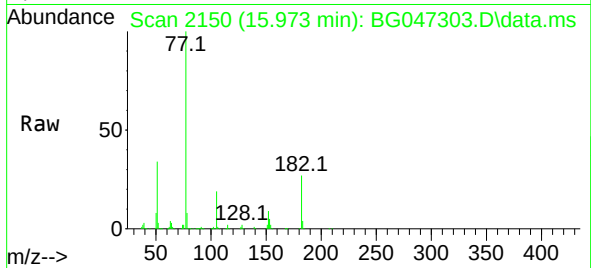
Tgt Ion:138 Resp: 121445
Ion Ratio Lower Upper
138 100
92 61.6 26.9 66.9
108 120.2 49.4 89.4#





#63
Azobenzene
Concen: 44.40 ng
RT: 15.973 min Scan# 2150
Delta R.T. 0.001 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13

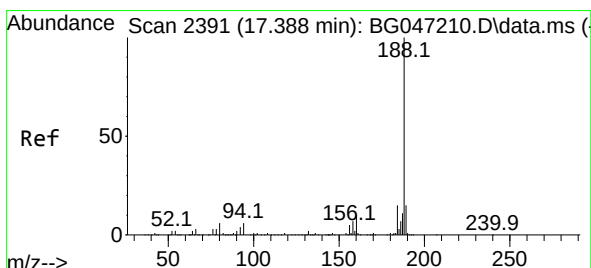
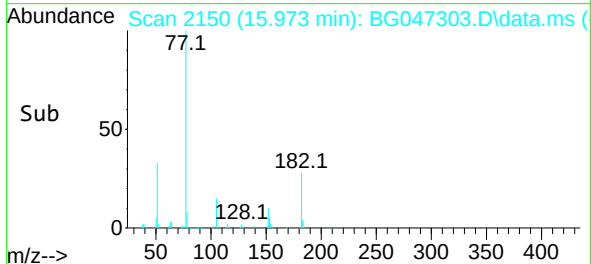
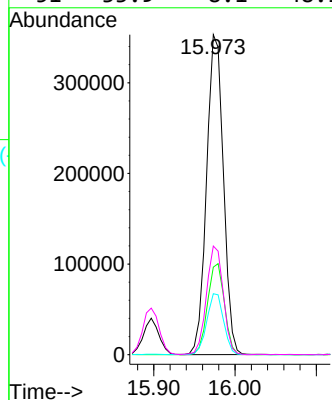
Instrument :
BNA_G
ClientSampleId :
PB132948BS



Tgt Ion:	77	Resp:	507641
Ion Ratio	100	Lower	Upper
182	27.4	14.0	54.0
105	19.1	3.0	43.0
51	33.9	8.1	48.1

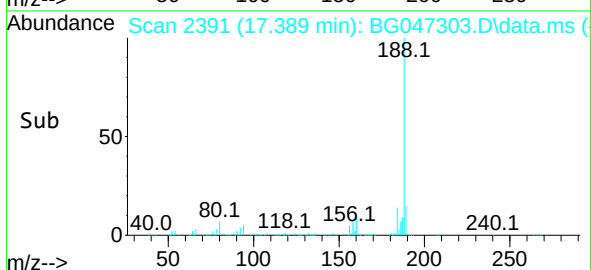
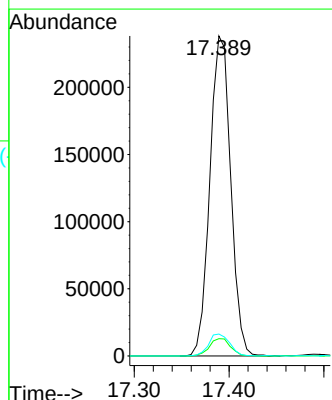
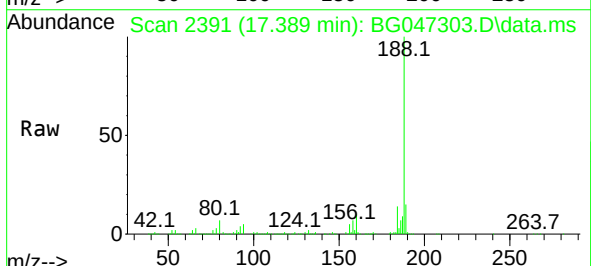
Manual Integrations
APPROVED

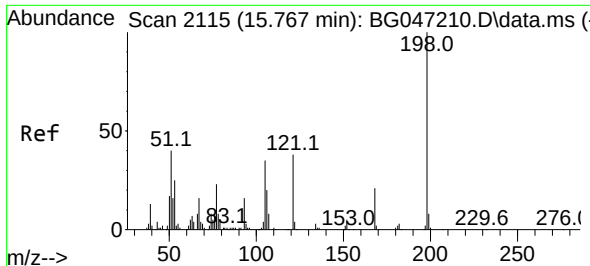
mohammad
11/12/2020 11:38:06 AM



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.389 min Scan# 2391
Delta R.T. 0.001 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13

Tgt Ion:	188	Resp:	363858
Ion Ratio	100	Lower	Upper
94	5.4	6.3	9.5#
80	6.9	7.0	10.6#





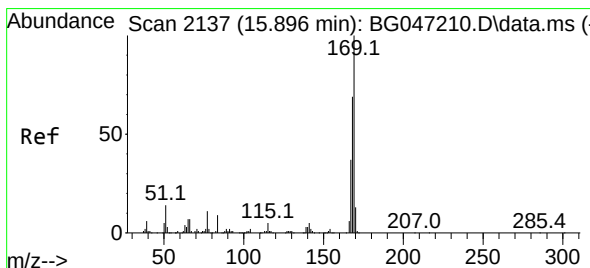
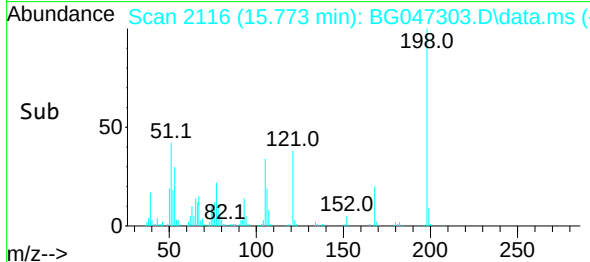
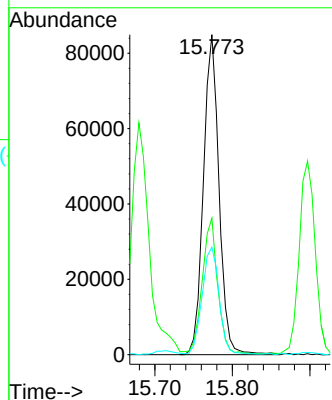
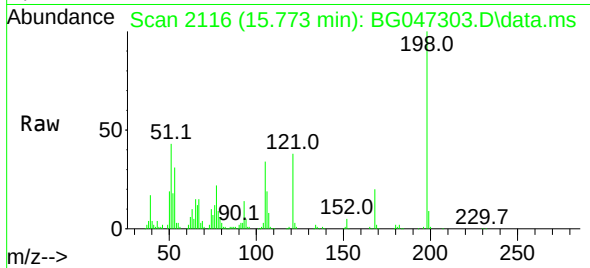
#65
4,6-Dinitro-2-methylphenol
Concen: 47.07 ng
RT: 15.773 min Scan# 2116
Delta R.T. 0.007 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13

Tgt Ion:198 Resp: 119071
Ion Ratio Lower Upper
198 100
51 42.7 10.4 50.4
105 33.5 12.9 52.9

Instrument :
BNA_G
ClientSampleId :
PB132948BS

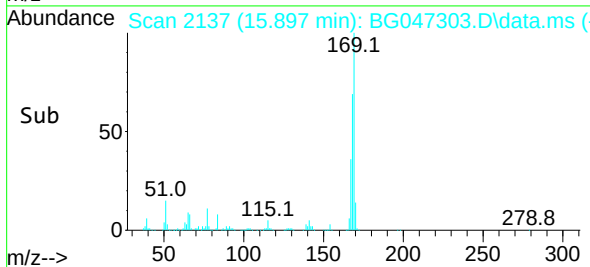
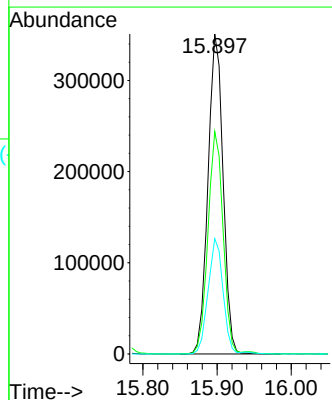
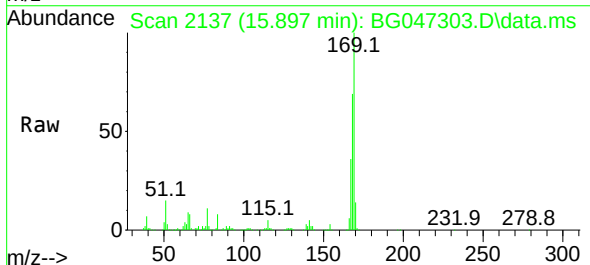
Manual Integrations
APPROVED

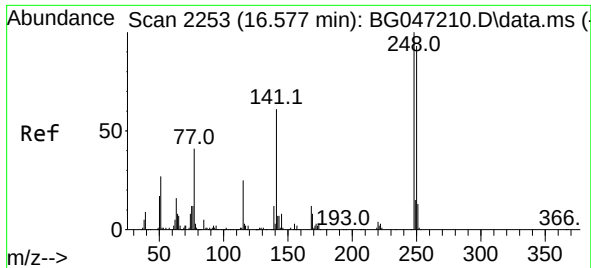
mohammad
11/12/2020 11:38:06 AM



#66
n-Nitrosodiphenylamine
Concen: 44.33 ng
RT: 15.897 min Scan# 2137
Delta R.T. 0.001 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13

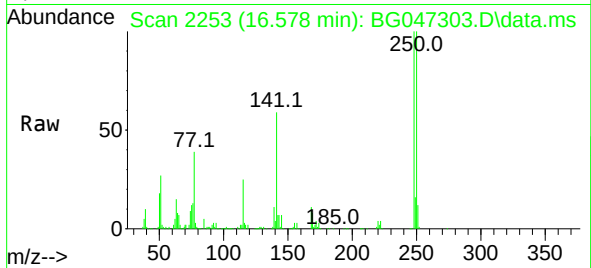
Tgt Ion:169 Resp: 496178
Ion Ratio Lower Upper
169 100
168 69.5 55.5 83.3
167 36.1 30.5 45.7





#67
4-Bromophenyl-phenylether
Concen: 43.52 ng
RT: 16.578 min Scan# 2253
Delta R.T. 0.001 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13

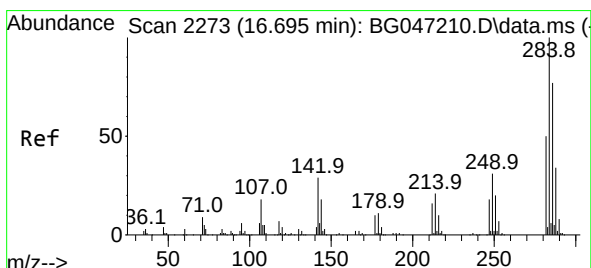
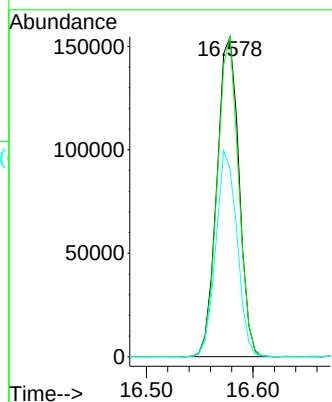
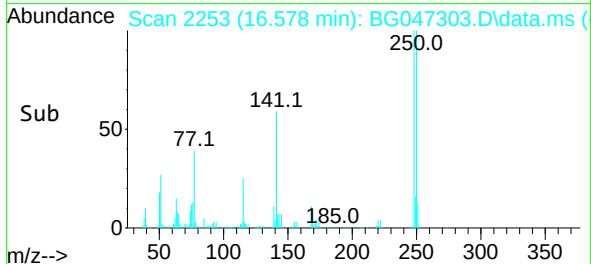
Instrument :
BNA_G
ClientSampleId :
PB132948BS



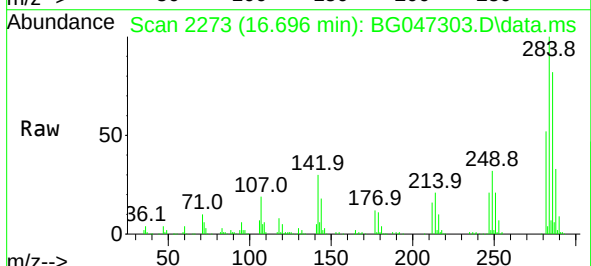
Tgt Ion:248 Resp: 221137
Ion Ratio Lower Upper
248 100
250 100.1 78.9 118.3
141 58.8 46.2 69.4

Manual Integrations
APPROVED

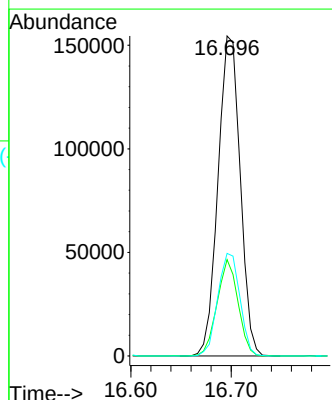
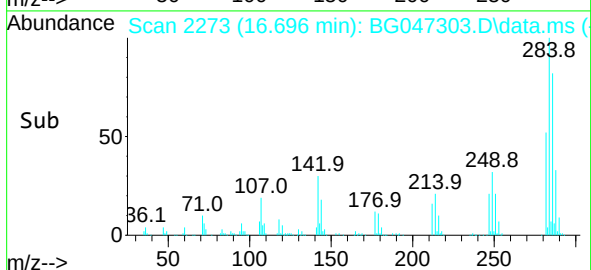
mohammad
11/12/2020 11:38:06 AM

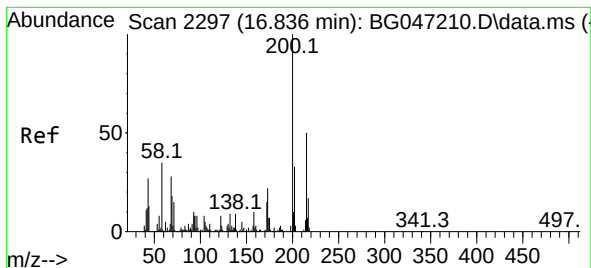


#68
Hexachlorobenzene
Concen: 42.88 ng
RT: 16.696 min Scan# 2273
Delta R.T. 0.001 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13



Tgt Ion:284 Resp: 236757
Ion Ratio Lower Upper
284 100
142 30.1 21.1 31.7
249 32.0 25.9 38.9





#69

Atrazine

Concen: 37.40 ng

RT: 16.843 min Scan# 2298

Delta R.T. 0.007 min

Lab File: BG047303.D

Acq: 12 Nov 2020 6:13

Tgt Ion:200 Resp: 179063

Ion Ratio Lower Upper

200 100

173 22.0 4.2 44.2

215 50.9 30.0 70.0

Instrument :

BNA_G

ClientSampleId :

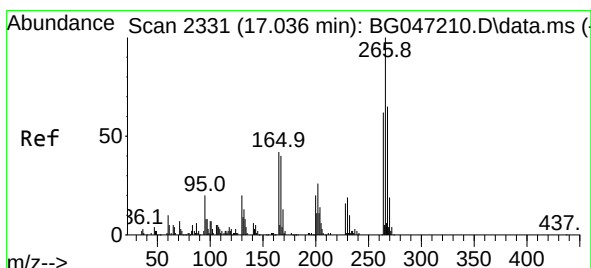
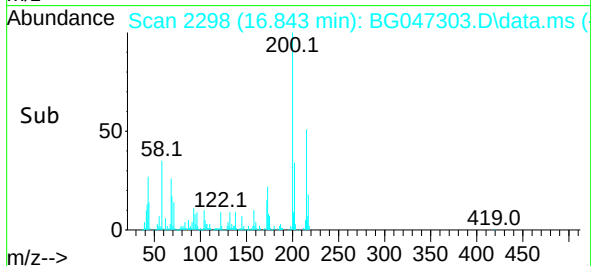
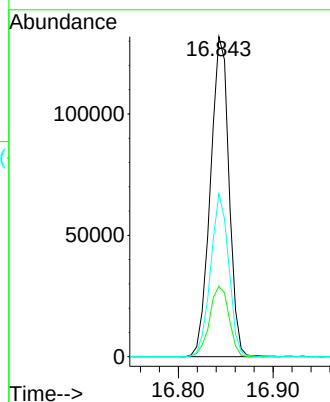
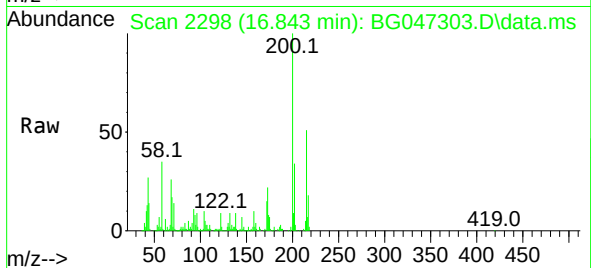
PB132948BS

Manual Integrations

APPROVED

mohammad

11/12/2020 11:38:06 AM



#70

Pentachlorophenol

Concen: 91.48 ng

RT: 17.043 min Scan# 2332

Delta R.T. 0.007 min

Lab File: BG047303.D

Acq: 12 Nov 2020 6:13

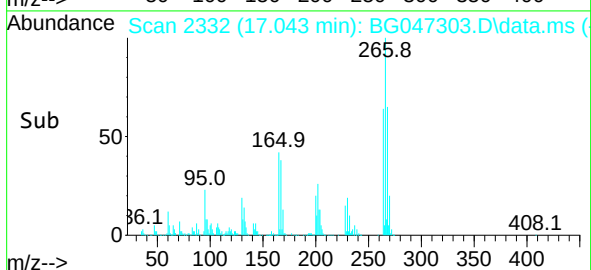
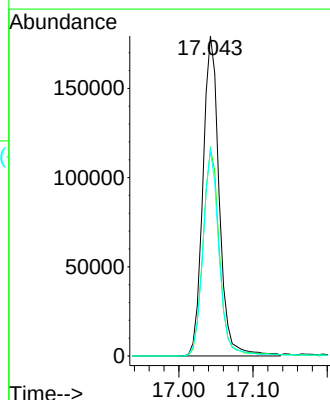
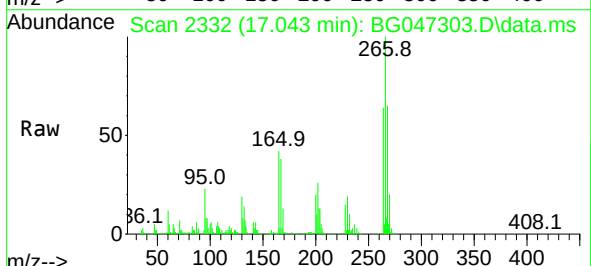
Tgt Ion:266 Resp: 275245

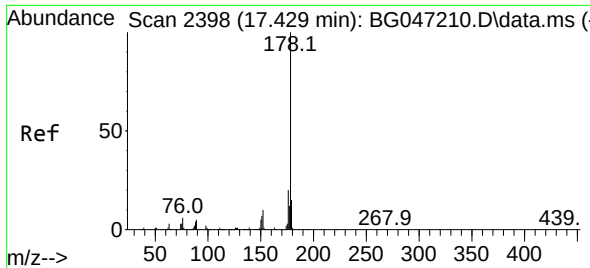
Ion Ratio Lower Upper

266 100

268 64.7 49.8 74.6

264 64.4 49.3 73.9





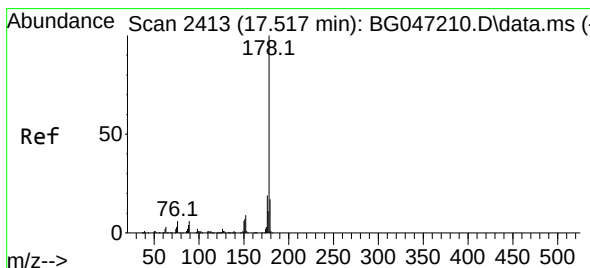
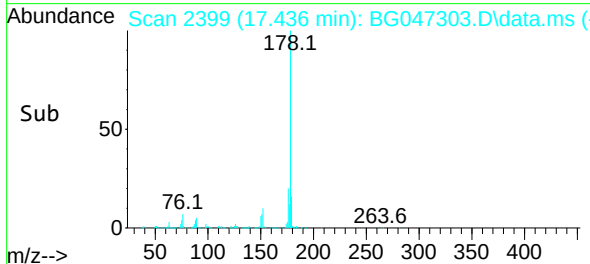
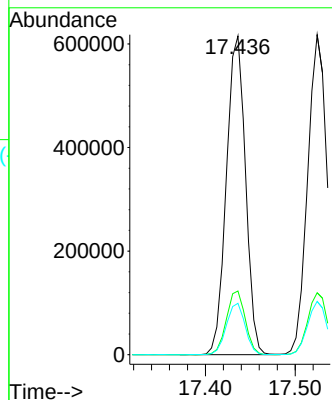
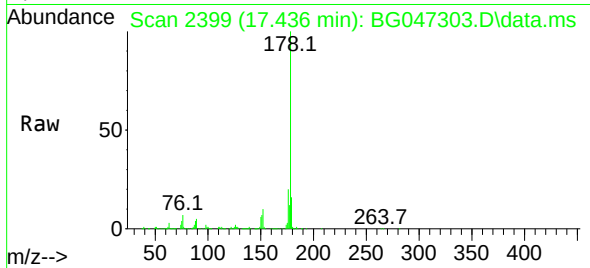
#71
Phenanthrene
Concen: 43.10 ng
RT: 17.436 min Scan# 2399
Delta R.T. 0.007 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13

Tgt Ion:178 Resp: 910064
Ion Ratio Lower Upper
178 100
176 20.0 16.7 25.1
179 16.1 14.0 21.0

Instrument :
BNA_G
ClientSampleId :
PB132948BS

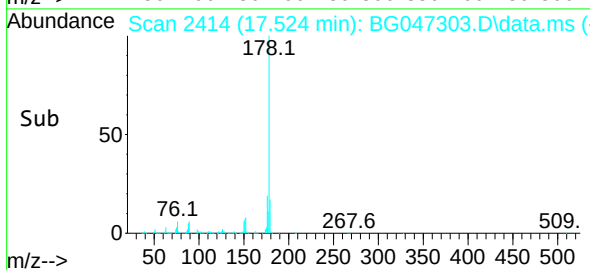
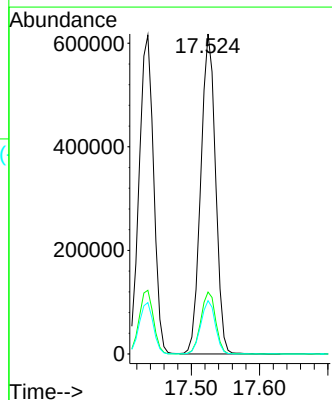
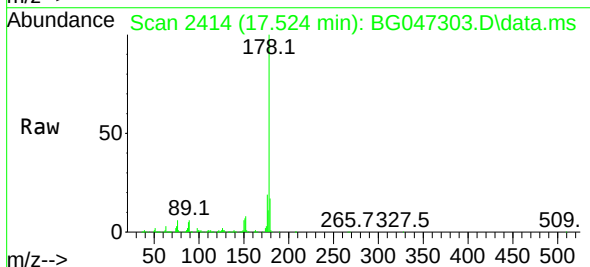
Manual Integrations
APPROVED

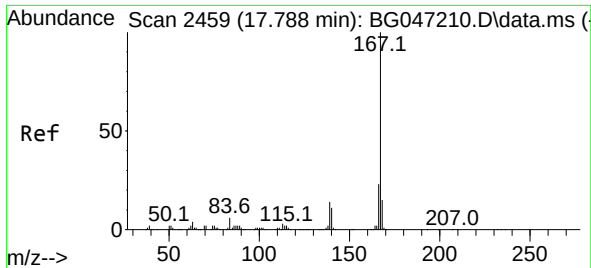
mohammad
11/12/2020 11:38:06 AM



#72
Anthracene
Concen: 45.31 ng
RT: 17.524 min Scan# 2414
Delta R.T. 0.007 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13

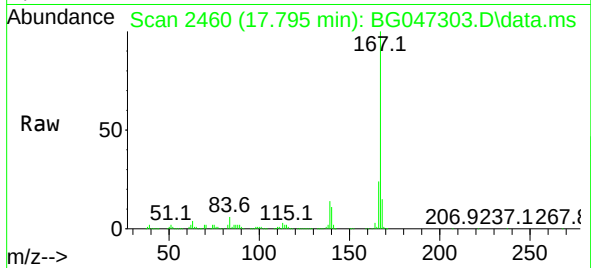
Tgt Ion:178 Resp: 929337
Ion Ratio Lower Upper
178 100
176 19.3 16.4 24.6
179 16.7 13.8 20.6





#73
 Carbazole
 Concen: 44.16 ng
 RT: 17.795 min Scan# 2460
 Delta R.T. 0.007 min
 Lab File: BG047303.D
 Acq: 12 Nov 2020 6:13

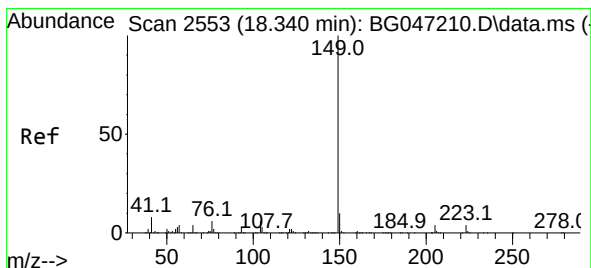
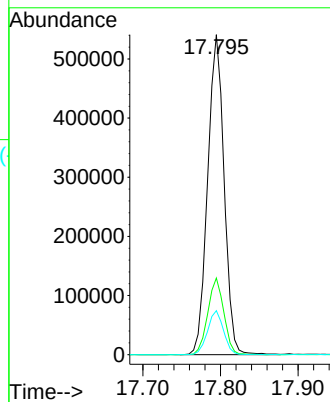
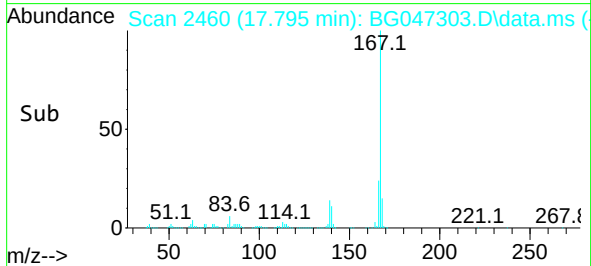
Instrument :
 BNA_G
 ClientSampleId :
 PB132948BS



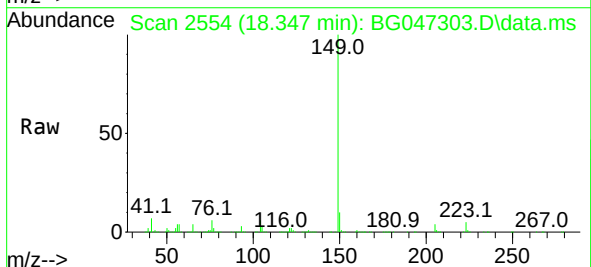
Tgt Ion:167 Resp: 799646
 Ion Ratio Lower Upper
 167 100
 166 23.9 18.7 28.1
 139 13.8 9.6 14.4

Manual Integrations
 APPROVED

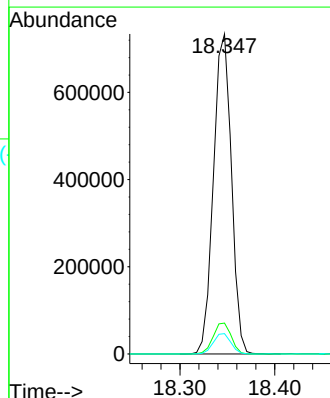
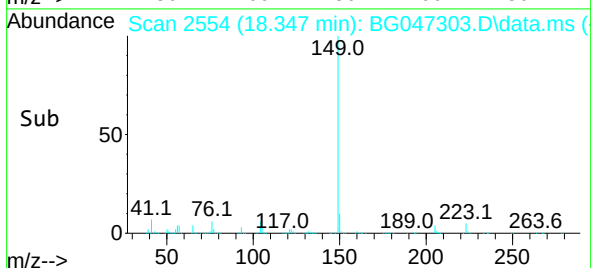
mohammad
 11/12/2020 11:38:06 AM

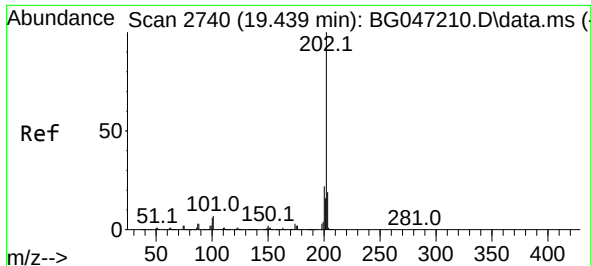


#74
 Di-n-butylphthalate
 Concen: 43.49 ng
 RT: 18.347 min Scan# 2554
 Delta R.T. 0.007 min
 Lab File: BG047303.D
 Acq: 12 Nov 2020 6:13

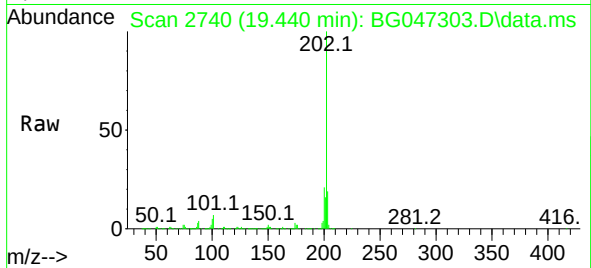


Tgt Ion:149 Resp: 963124
 Ion Ratio Lower Upper
 149 100
 150 9.7 8.2 12.4
 104 6.3 3.8 5.8#



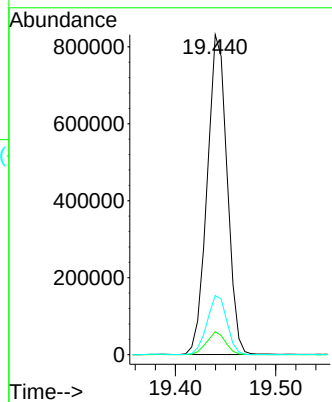
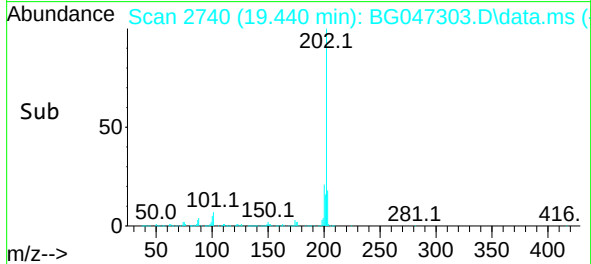


#75
Fluoranthene
Concen: 42.72 ng
RT: 19.440 min Scan# 2740
Delta R.T. 0.001 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13



Tgt Ion:202 Resp: 1148869

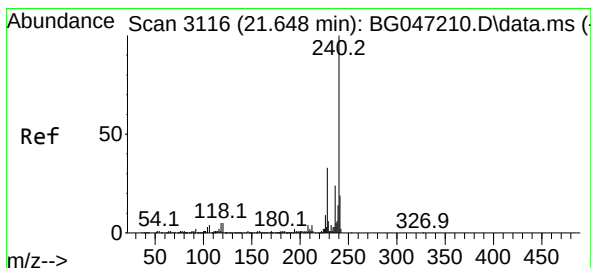
Ion	Ratio	Lower	Upper
202	100		
101	7.2	0.0	29.7
203	18.5	0.0	39.2



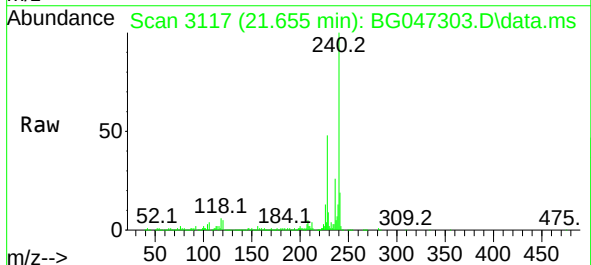
Instrument :
BNA_G
ClientSampleId :
PB132948BS

Manual Integrations
APPROVED

mohammad
11/12/2020 11:38:06 AM

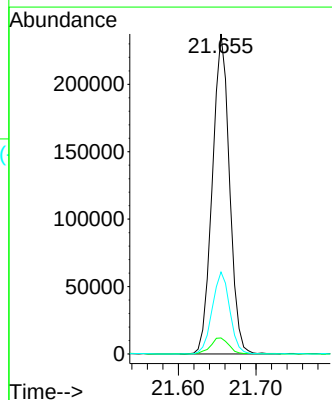
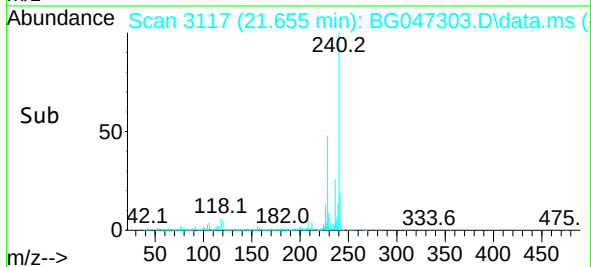


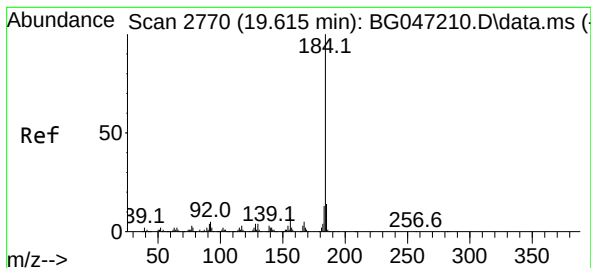
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.655 min Scan# 3117
Delta R.T. 0.007 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13



Tgt Ion:240 Resp: 364693

Ion	Ratio	Lower	Upper
240	100		
120	5.0	6.2	9.4#
236	25.6	20.5	30.7





#77

Benzidine

Concen: 42.87 ng

RT: 19.616 min Scan# 2770

Delta R.T. 0.001 min

Lab File: BG047303.D

Acq: 12 Nov 2020 6:13

Tgt Ion:	184	Resp:	524380
Ion Ratio	Lower	Upper	
184	100		
185	14.8	12.4	18.6
183	12.7	10.6	15.8

Instrument :

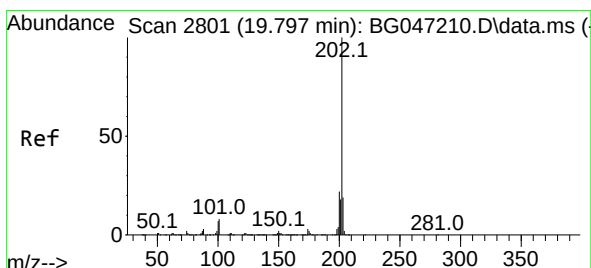
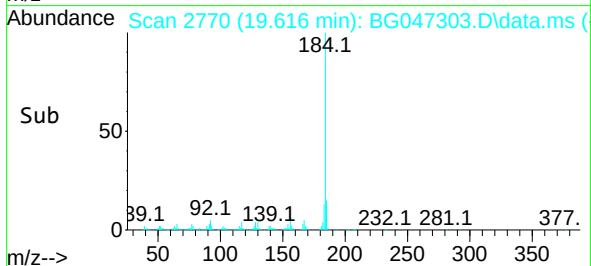
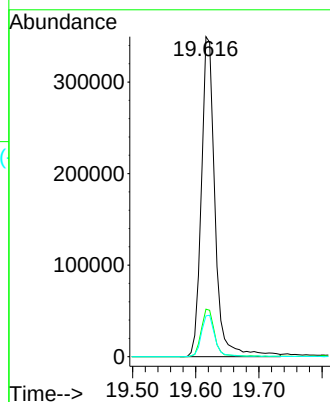
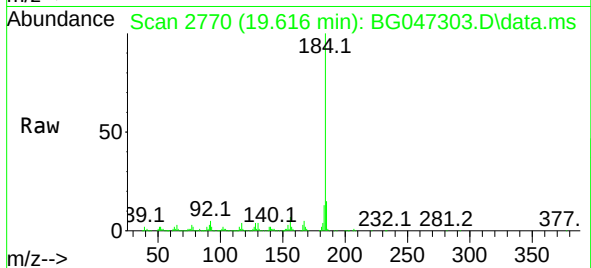
BNA_G

ClientSampleId :

PB132948BS

Manual Integrations
APPROVED

mohammad
11/12/2020 11:38:06 AM



#78

Pyrene

Concen: 44.51 ng

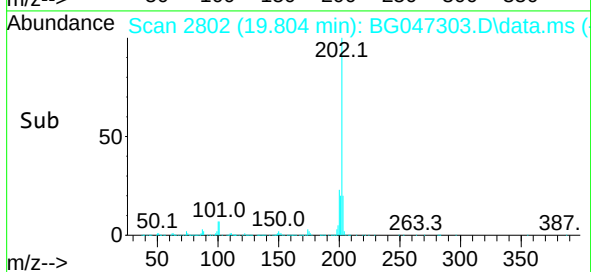
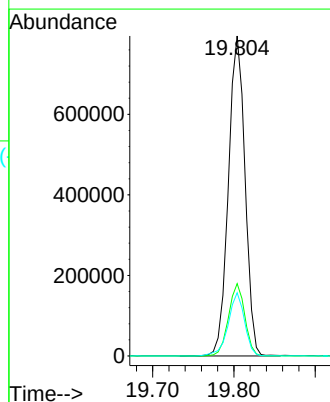
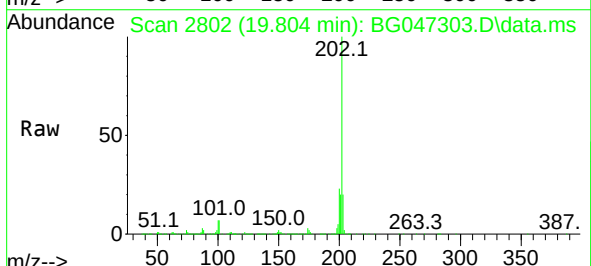
RT: 19.804 min Scan# 2802

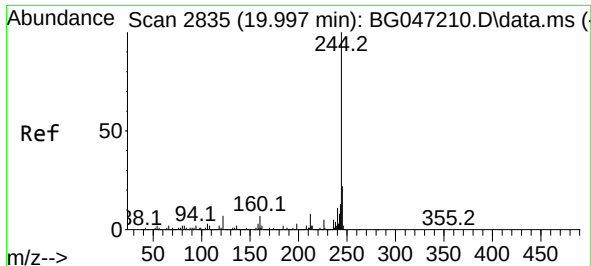
Delta R.T. 0.007 min

Lab File: BG047303.D

Acq: 12 Nov 2020 6:13

Tgt Ion:	202	Resp:	1130391
Ion Ratio	Lower	Upper	
202	100		
200	22.6	18.6	27.8
203	19.7	15.3	22.9





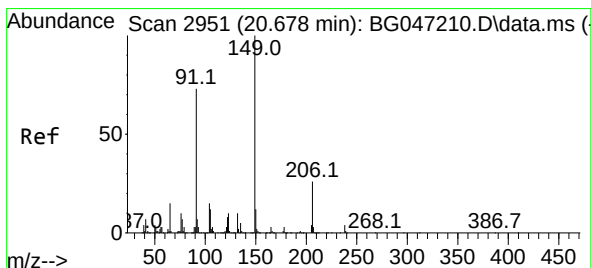
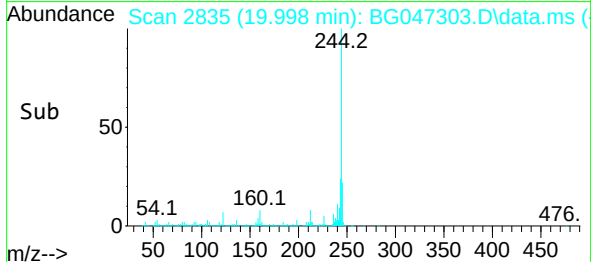
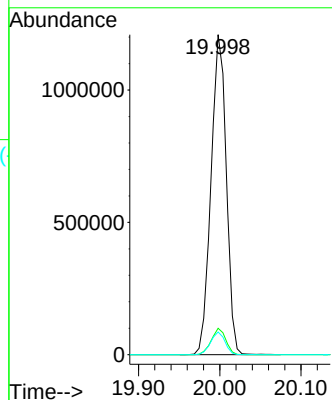
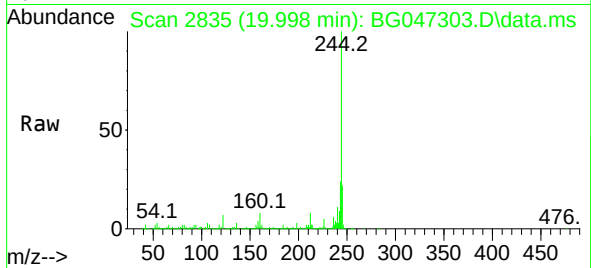
#79
 Terphenyl-d14
 Concen: 76.07 ng
 RT: 19.998 min Scan# 2835
 Delta R.T. 0.001 min
 Lab File: BG047303.D
 Acq: 12 Nov 2020 6:13

Tgt Ion:244 Resp: 1577587
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.7 10.1
 122 7.1 7.8 11.6#

Instrument :
 BNA_G
 ClientSampleId :
 PB132948BS

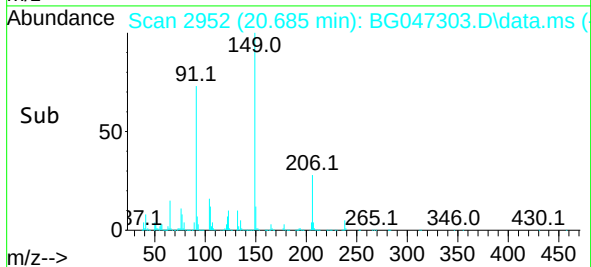
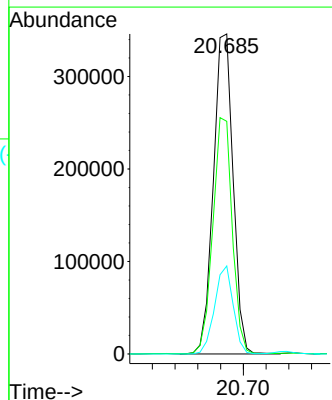
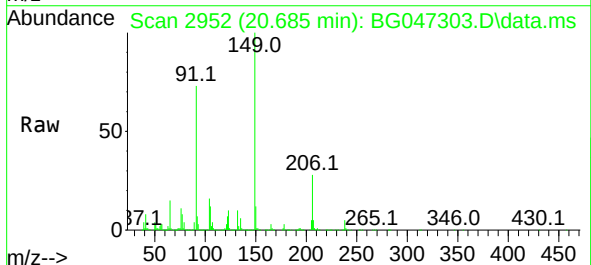
Manual Integrations
 APPROVED

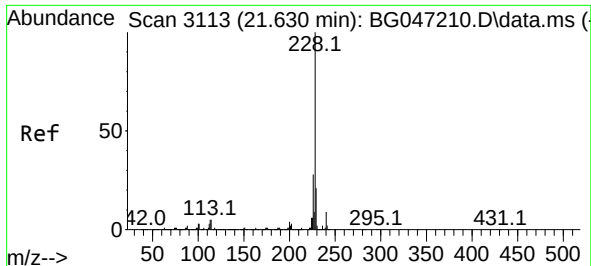
mohammad
 11/12/2020 11:38:06 AM



#80
 Butylbenzylphthalate
 Concen: 43.59 ng
 RT: 20.685 min Scan# 2952
 Delta R.T. 0.007 min
 Lab File: BG047303.D
 Acq: 12 Nov 2020 6:13

Tgt Ion:149 Resp: 417643
 Ion Ratio Lower Upper
 149 100
 91 72.7 51.5 77.3
 206 27.5 21.2 31.8





#81
Benzo(a)anthracene
Concen: 43.62 ng
RT: 21.631 min Scan# 3113
Delta R.T. 0.001 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13

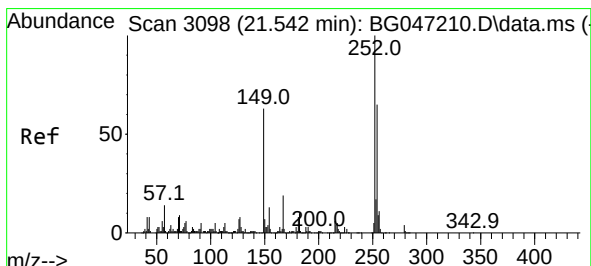
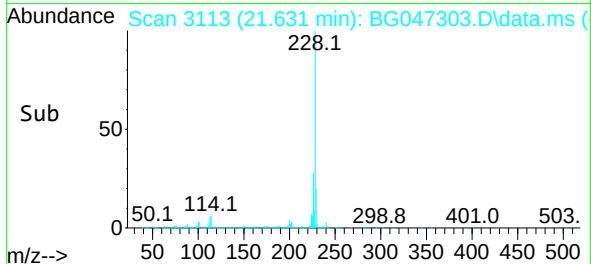
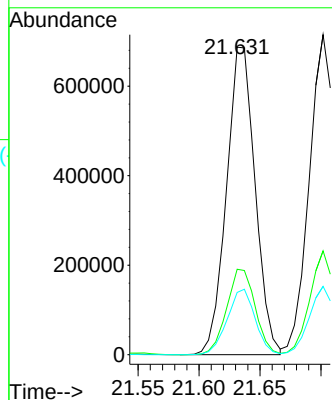
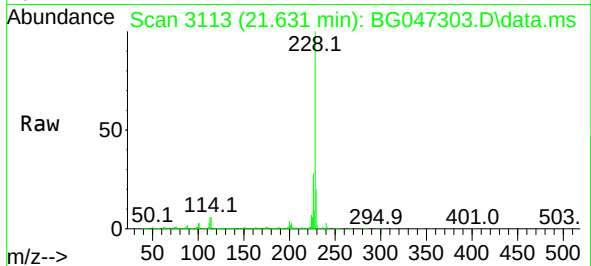
Tgt Ion:228 Resp: 1127603

Ion	Ratio	Lower	Upper
228	100		
226	27.8	23.3	34.9
229	20.3	17.4	26.0

Instrument :
BNA_G
ClientSampleId :
PB132948BS

Manual Integrations
APPROVED

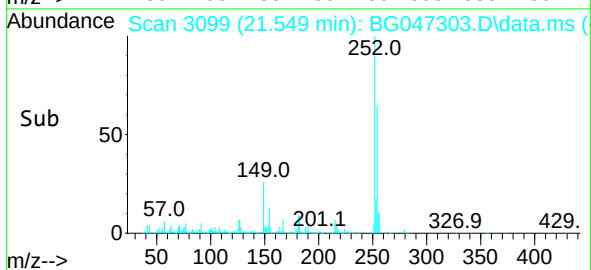
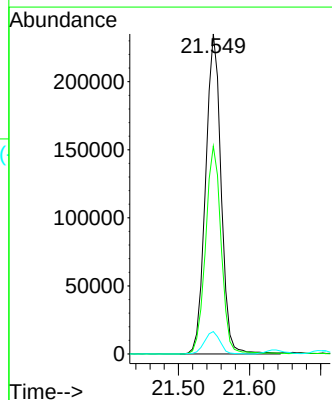
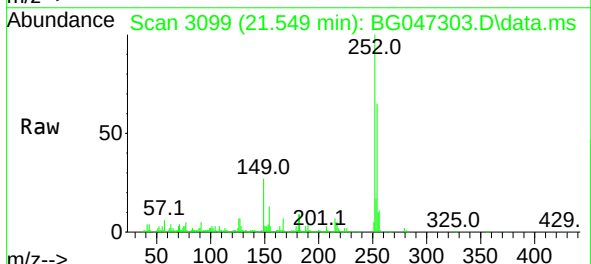
mohammad
11/12/2020 11:38:06 AM

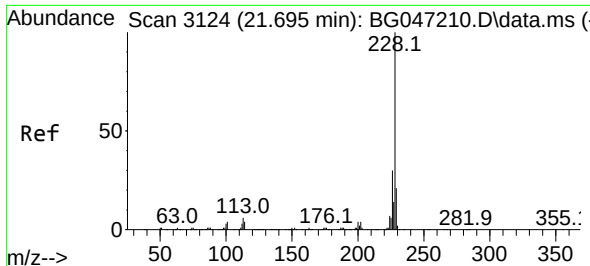


#82
3,3'-Dichlorobenzidine
Concen: 39.92 ng
RT: 21.549 min Scan# 3099
Delta R.T. 0.007 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13

Tgt Ion:252 Resp: 357072

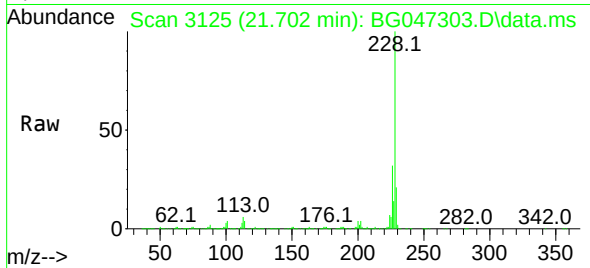
Ion	Ratio	Lower	Upper
252	100		
254	64.9	53.2	79.8
126	7.0	6.8	10.2





#83
Chrysene
Concen: 43.76 ng
RT: 21.702 min Scan# 3125
Delta R.T. 0.007 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13

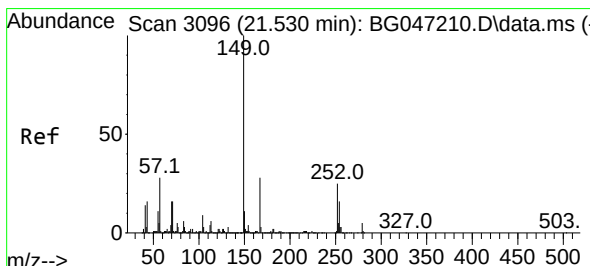
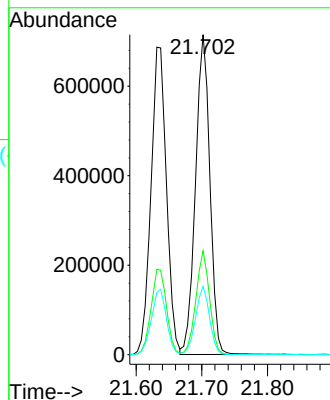
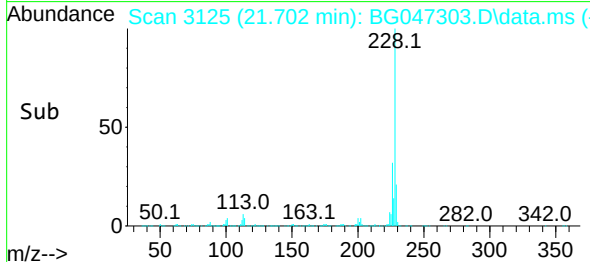
Instrument :
BNA_G
ClientSampleId :
PB132948BS



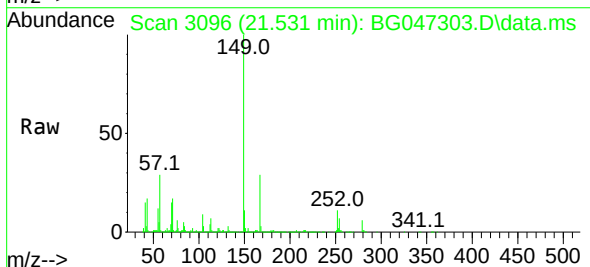
Tgt Ion:228 Resp: 1088782
Ion Ratio Lower Upper
228 100
226 32.5 25.0 37.4
229 21.3 17.3 25.9

Manual Integrations
APPROVED

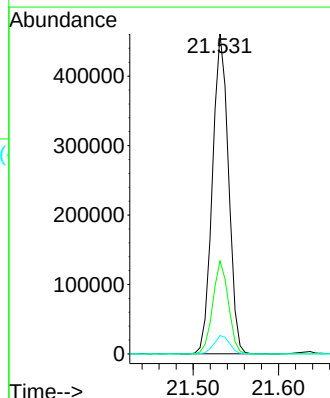
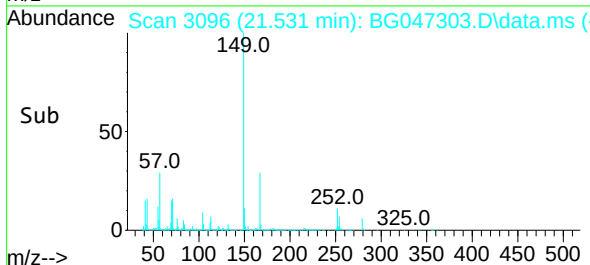
mohammad
11/12/2020 11:38:06 AM

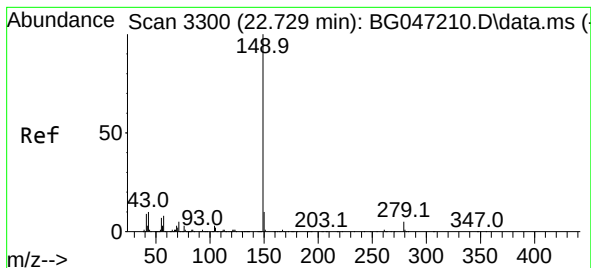


#84
Bis(2-ethylhexyl)phthalate
Concen: 44.91 ng
RT: 21.531 min Scan# 3096
Delta R.T. 0.001 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13

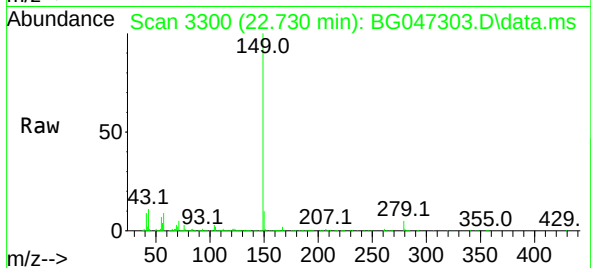


Tgt Ion:149 Resp: 601902
Ion Ratio Lower Upper
149 100
167 29.0 24.8 37.2
279 5.7 4.6 7.0

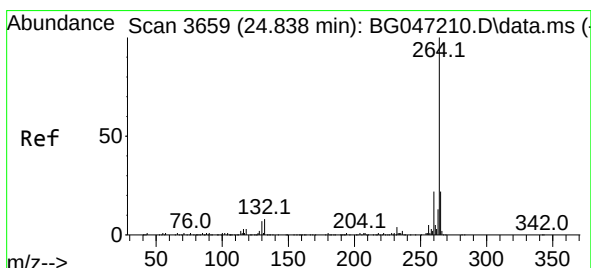
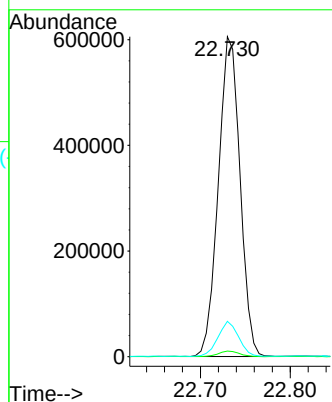
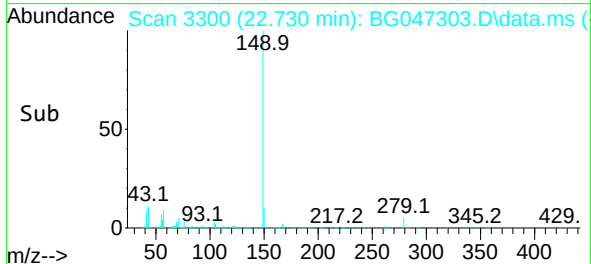




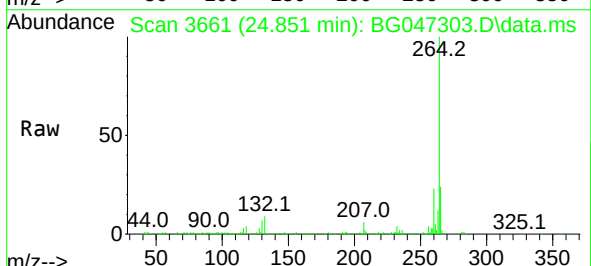
#85
Di-n-octyl phthalate
Concen: 45.06 ng
RT: 22.730 min Scan# 3300
Delta R.T. 0.001 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13



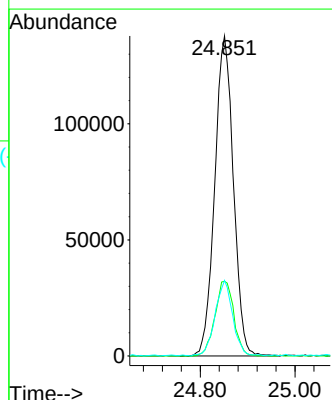
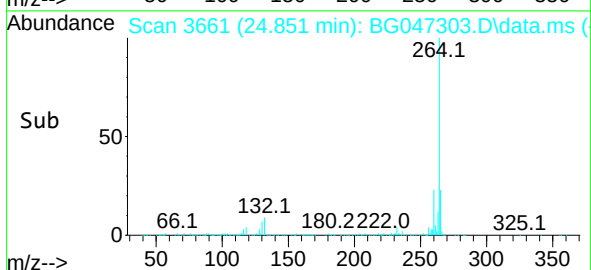
Tgt Ion:149 Resp: 1014927
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.2
43 10.4 6.8 10.2#



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.851 min Scan# 3661
Delta R.T. 0.013 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13



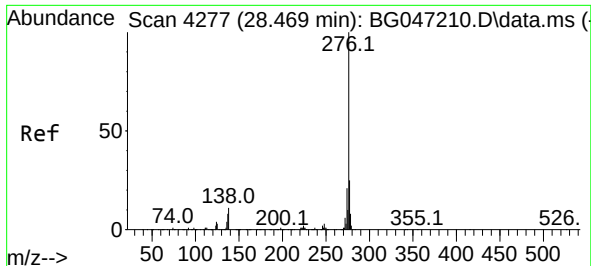
Tgt Ion:264 Resp: 376113
Ion Ratio Lower Upper
264 100
260 23.4 18.8 28.2
265 23.6 17.8 26.8



Instrument :
BNA_G
ClientSampleId :
PB132948BS

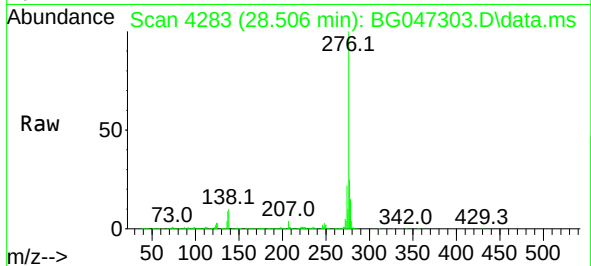
Manual Integrations
APPROVED

mohammad
11/12/2020 11:38:06 AM



#87
 Indeno(1,2,3-cd)pyrene
 Concen: 44.91 ng
 RT: 28.506 min Scan# 4283
 Delta R.T. 0.036 min
 Lab File: BG047303.D
 Acq: 12 Nov 2020 6:13

Instrument :
 BNA_G
 ClientSampleId :
 PB132948BS

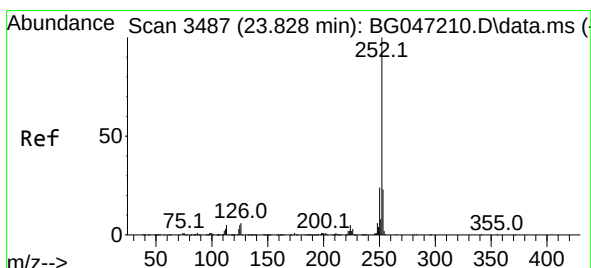
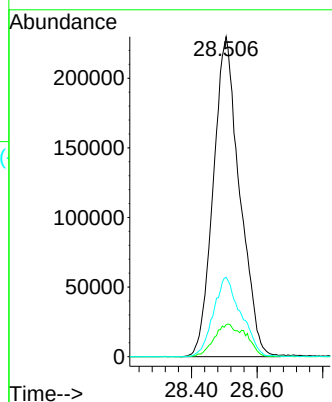
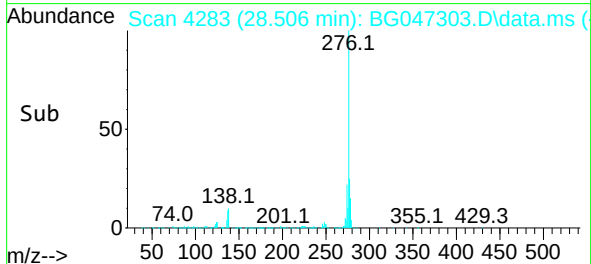


Tgt Ion:276 Resp: 1282313

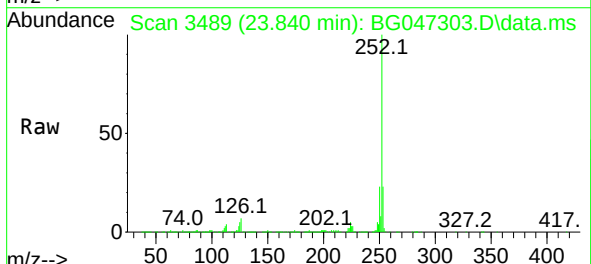
Ion	Ratio	Lower	Upper
276	100		
138	8.9	16.2	24.2#
277	26.1	20.3	30.5

Manual Integrations
 APPROVED

mohammad
 11/12/2020 11:38:06 AM

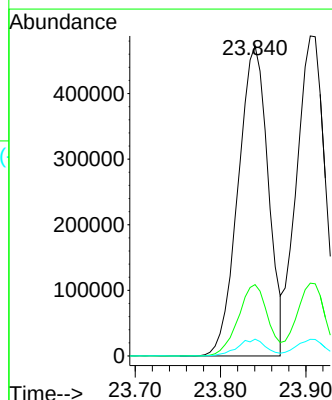
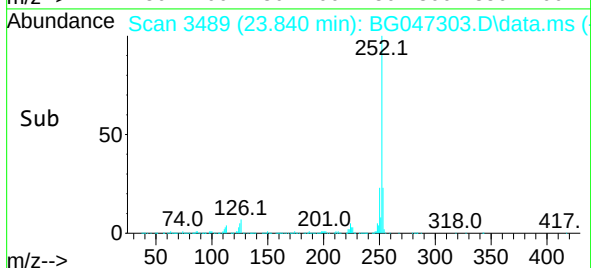


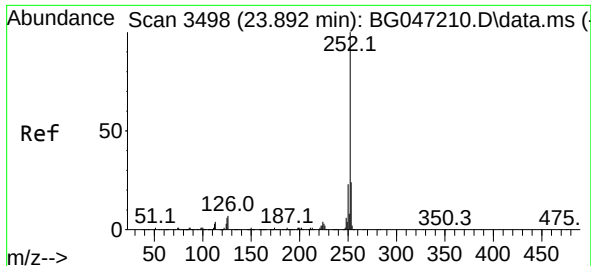
#88
 Benzo(b)fluoranthene
 Concen: 45.17 ng
 RT: 23.840 min Scan# 3489
 Delta R.T. 0.013 min
 Lab File: BG047303.D
 Acq: 12 Nov 2020 6:13



Tgt Ion:252 Resp: 1159732

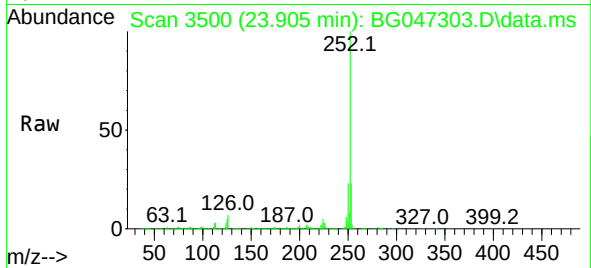
Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.7	28.1
125	5.4	6.5	9.7#





#89
Benzo(k)fluoranthene
Concen: 45.21 ng
RT: 23.905 min Scan# 3500
Delta R.T. 0.013 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13

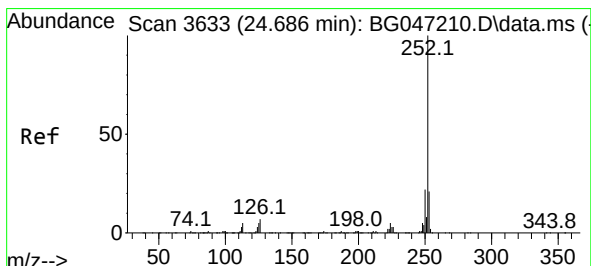
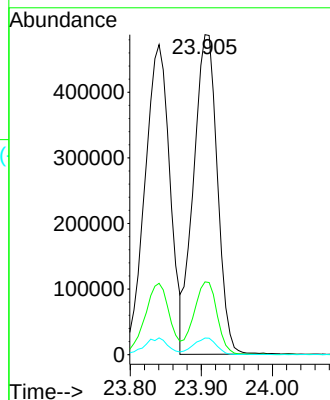
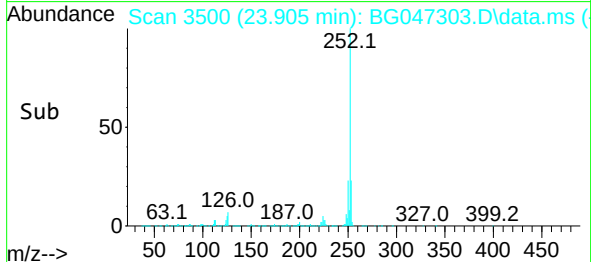
Instrument :
BNA_G
ClientSampleId :
PB132948BS



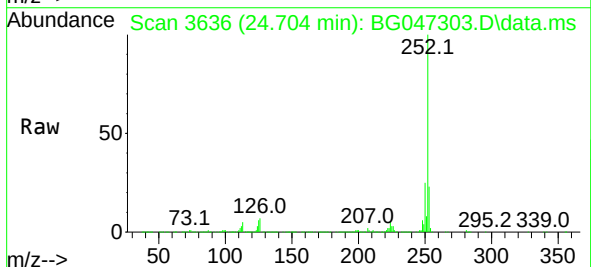
Tgt Ion:252 Resp: 1133952
Ion Ratio Lower Upper
252 100
253 22.8 18.6 27.8
125 5.2 6.8 10.2#

Manual Integrations
APPROVED

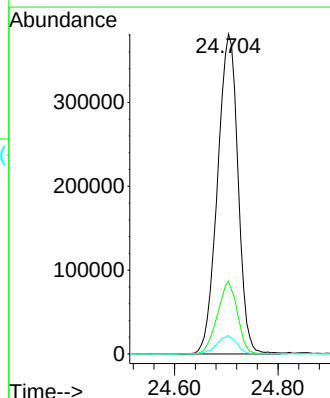
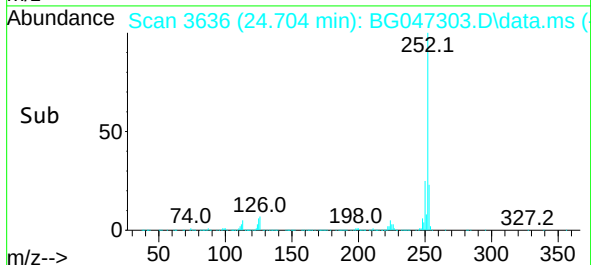
mohammad
11/12/2020 11:38:06 AM

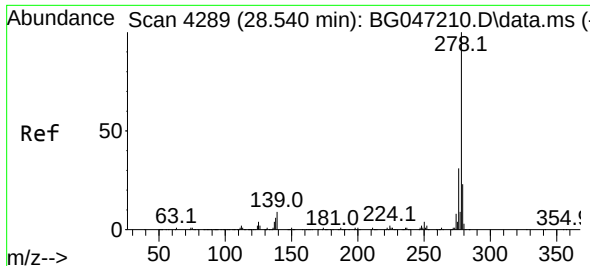


#90
Benzo(a)pyrene
Concen: 43.76 ng
RT: 24.704 min Scan# 3636
Delta R.T. 0.019 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13



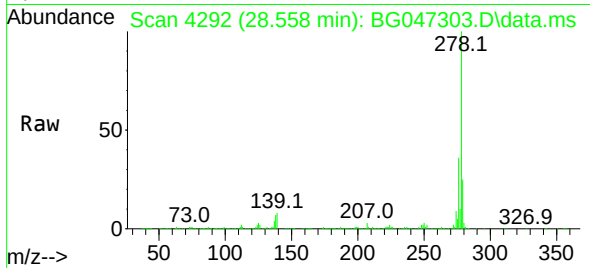
Tgt Ion:252 Resp: 1048632
Ion Ratio Lower Upper
252 100
253 22.8 17.9 26.9
125 5.8 7.0 10.4#





#91
Dibenzo(a,h)anthracene
Concen: 45.49 ng
RT: 28.558 min Scan# 4292
Delta R.T. 0.019 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13

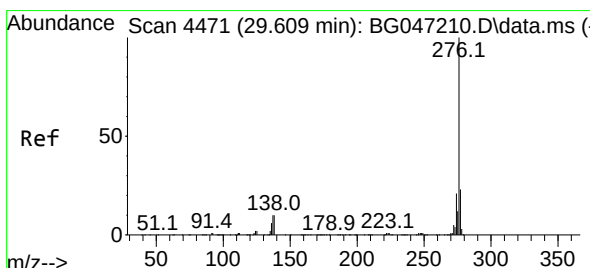
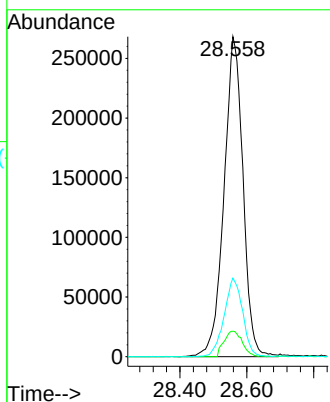
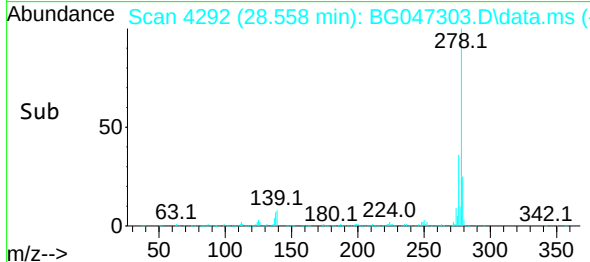
Instrument :
BNA_G
ClientSampleId :
PB132948BS



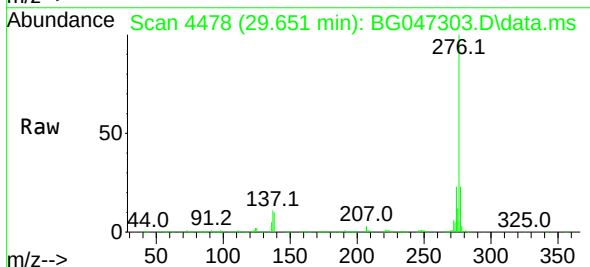
Tgt Ion:278 Resp: 1057057
Ion Ratio Lower Upper
278 100
139 8.0 10.5 15.7#
279 24.5 19.4 29.0

Manual Integrations
APPROVED

mohammad
11/12/2020 11:38:06 AM



#92
Benzo(g,h,i)perylene
Concen: 46.74 ng
RT: 29.651 min Scan# 4478
Delta R.T. 0.042 min
Lab File: BG047303.D
Acq: 12 Nov 2020 6:13



Tgt Ion:276 Resp: 1077047
Ion Ratio Lower Upper
276 100
277 23.0 19.6 29.4
138 10.3 13.4 20.2#

