

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051223\
 Data File : BG057422.D
 Acq On : 13 May 2023 1:13
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/15/2023
 Supervised By : Yogesh Patel 05/16/2023

Quant Time: May 13 03:13:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 12 22:04:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.361	152	18601	20.000	ng	0.00
21) Naphthalene-d8	11.199	136	74603	20.000	ng	0.00
39) Acenaphthene-d10	14.982	164	57888	20.000	ng	0.00
64) Phenanthrene-d10	17.719	188	146558	20.000	ng	0.00
76) Chrysene-d12	22.031	240	134340	20.000	ng	0.00
86) Perylene-d12	25.526	264	145050	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.882	112	87508	80.475	ng	0.00
7) Phenol-d6	7.504	99	129963	78.706	ng	0.00
23) Nitrobenzene-d5	9.542	82	131538	74.002	ng	0.00
42) 2,4,6-Tribromophenol	16.462	330	70851	86.260	ng	0.00
45) 2-Fluorobiphenyl	13.601	172	338664	78.792	ng	0.00
79) Terphenyl-d14	20.286	244	621346	75.479	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.680	88	17511	38.947	ng	93
3) Pyridine	4.102	79	54559	37.760	ng	99
4) n-Nitrosodimethylamine	4.014	42	24308	35.799	ng	87
6) Aniline	7.674	93	78953	37.691	ng	94
8) 2-Chlorophenol	7.927	128	44958	39.127	ng	97
9) Benzaldehyde	7.492	77	32392	36.353	ng	93
10) Phenol	7.533	94	63247	39.292	ng	96
11) bis(2-Chloroethyl)ether	7.762	93	45243	37.274	ng	98
12) 1,3-Dichlorobenzene	8.250	146	49382	38.940	ng	95
13) 1,4-Dichlorobenzene	8.403	146	50516	39.657	ng	92
14) 1,2-Dichlorobenzene	8.726	146	47431	38.571	ng	96
15) Benzyl Alcohol	8.596	79	51469	37.415	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.884	45	53238m	34.799	ng	
17) 2-Methylphenol	8.802	107	45394	39.122	ng	97
18) Hexachloroethane	9.460	117	17783	38.684	ng	97
19) n-Nitroso-di-n-propyla...	9.166	70	45063	35.790	ng	96
20) 3+4-Methylphenols	9.131	107	62880	39.577	ng	96
22) Acetophenone	9.196	105	79201	37.092	ng	# 97
24) Nitrobenzene	9.589	77	66297	36.953	ng	91
25) Isophorone	10.106	82	123624	35.867	ng	98
26) 2-Nitrophenol	10.306	139	29118	42.401	ng	94
27) 2,4-Dimethylphenol	10.347	122	48559	40.383	ng	100
28) bis(2-Chloroethoxy)met...	10.576	93	63559	36.809	ng	100
29) 2,4-Dichlorophenol	10.846	162	52617	41.256	ng	96
30) 1,2,4-Trichlorobenzene	11.058	180	57485	39.078	ng	99
31) Naphthalene	11.252	128	154603	38.763	ng	99
32) Benzoic acid	10.500	122	28139m	41.310	ng	
33) 4-Chloroaniline	11.351	127	73013	40.764	ng	97
34) Hexachlorobutadiene	11.522	225	42045	38.520	ng	97
35) Caprolactam	12.121	113	17723	40.681	ng	# 89
36) 4-Chloro-3-methylphenol	12.450	107	59551	41.088	ng	98
37) 2-Methylnaphthalene	12.832	142	124972	39.853	ng	98
38) 1-Methylnaphthalene	13.049	142	116140	39.294	ng	100
40) 1,2,4,5-Tetrachloroben...	13.190	216	83157	40.464	ng	99
41) Hexachlorocyclopentadiene	13.167	237	37206	40.996	ng	98
43) 2,4,6-Trichlorophenol	13.425	196	52700	42.092	ng	99

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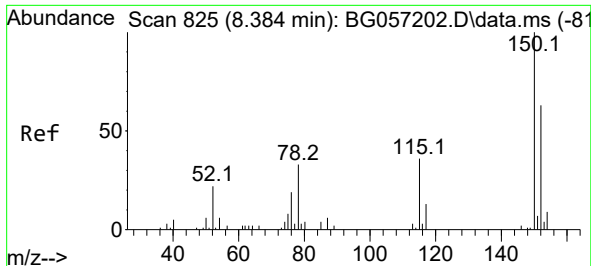
Manual Integrations
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.507	196	60281	40.931	ng	97
46) 1,1'-Biphenyl	13.819	154	170605	39.717	ng	98
47) 2-Chloronaphthalene	13.872	162	127601	39.947	ng	98
48) 2-Nitroaniline	14.065	65	43009	39.599	ng	91
49) Acenaphthylene	14.706	152	207217	39.931	ng	98
50) Dimethylphthalate	14.418	163	181021	38.054	ng	99
51) 2,6-Dinitrotoluene	14.547	165	39593	40.765	ng	91
52) Acenaphthene	15.046	154	128949	39.765	ng	99
53) 3-Nitroaniline	14.882	138	40018	41.128	ng	87
54) 2,4-Dinitrophenol	15.093	184	21858	39.023	ng	96
55) Dibenzofuran	15.375	168	215172	39.492	ng	99
56) 4-Nitrophenol	15.182	139	26192	40.473	ng	96
57) 2,4-Dinitrotoluene	15.334	165	58429	42.093	ng	# 89
58) Fluorene	16.022	166	178084	39.681	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.599	232	55787	41.781	ng	100
60) Diethylphthalate	15.757	149	182742	37.828	ng	99
61) 4-Chlorophenyl-phenyle...	15.998	204	106779	39.495	ng	96
62) 4-Nitroaniline	16.039	138	40426	41.184	ng	95
63) Azobenzene	16.292	77	169325	36.327	ng	96
65) 4,6-Dinitro-2-methylph...	16.098	198	38556	44.064	ng	96
66) n-Nitrosodiphenylamine	16.215	169	156540	39.327	ng	98
67) 4-Bromophenyl-phenylether	16.891	248	71243	39.821	ng	98
68) Hexachlorobenzene	17.026	284	71822	41.310	ng	98
69) Atrazine	17.144	200	61031	40.193	ng	97
70) Pentachlorophenol	17.373	266	40782	40.701	ng	95
71) Phenanthrene	17.760	178	293957	39.143	ng	100
72) Anthracene	17.854	178	300269	38.967	ng	98
73) Carbazole	18.119	167	254164	39.179	ng	99
74) Di-n-butylphthalate	18.636	149	300154	40.214	ng	99
75) Fluoranthene	19.752	202	368378	39.439	ng	99
77) Benzidine	19.916	184	113471	37.781	ng	99
78) Pyrene	20.110	202	370200	37.923	ng	99
80) Butylbenzylphthalate	20.962	149	129120	41.687	ng	98
81) Benzo(a)anthracene	22.008	228	374745	39.153	ng	100
82) 3,3'-Dichlorobenzidine	21.902	252	124529	40.620	ng	98
83) Chrysene	22.078	228	353140	39.214	ng	100
84) Bis(2-ethylhexyl)phtha...	21.849	149	185299	40.434	ng	100
85) Di-n-octyl phthalate	23.147	149	315101	41.243	ng	98
87) Indeno(1,2,3-cd)pyrene	29.591	276	411161	38.894	ng	# 96
88) Benzo(b)fluoranthene	24.410	252	364496	38.442	ng	98
89) Benzo(k)fluoranthene	24.481	252	362985	37.673	ng	99
90) Benzo(a)pyrene	25.362	252	352762	38.081	ng	98
91) Dibenzo(a,h)anthracene	29.638	278	343468	39.013	ng	98
92) Benzo(g,h,i)perylene	30.854	276	334230	38.881	ng	99

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



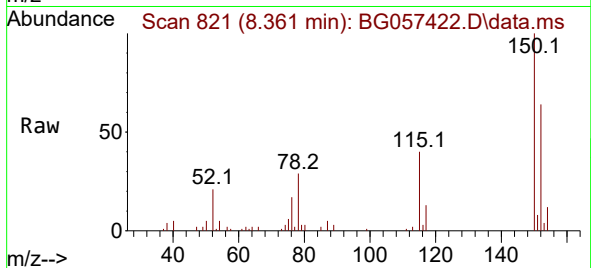
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.361 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG057422.D
Acq: 13 May 2023 1:13

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

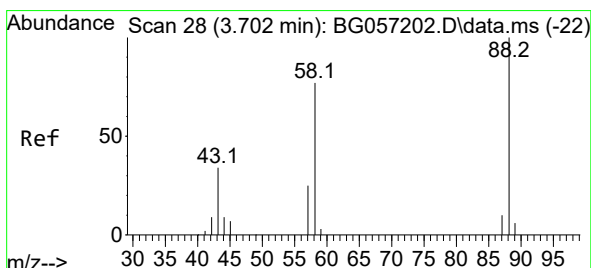
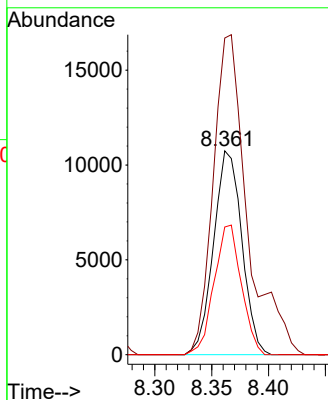
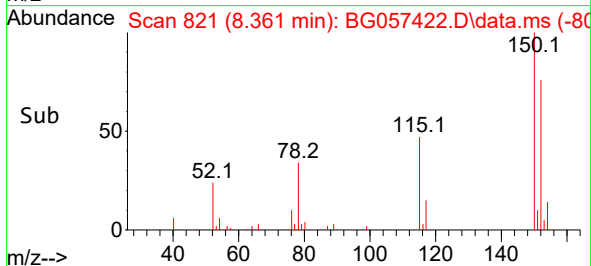


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Ion Ratio Lower Upper
152 100
150 155.3 126.2 189.4
115 62.6 45.0 67.4

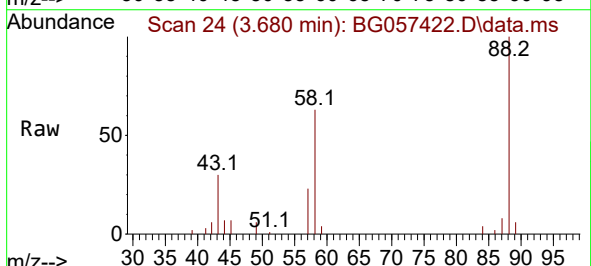
Manual Integrations

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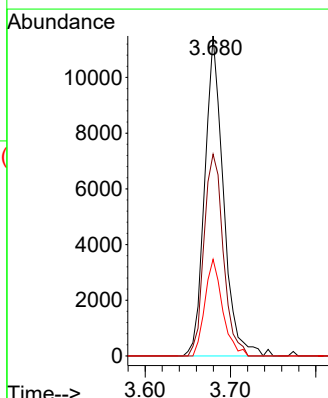
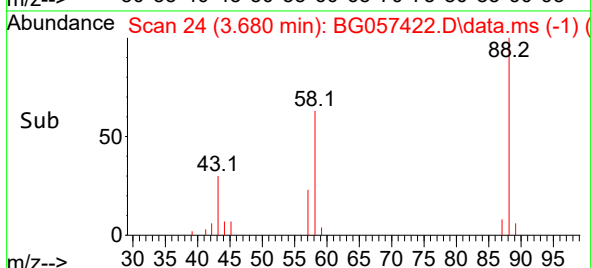
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#2
1,4-Dioxane
Concen: 38.947 ng
RT: 3.680 min Scan# 24
Delta R.T. -0.002 min
Lab File: BG057422.D
Acq: 13 May 2023 1:13



Tgt Ion: 88 Resp: 17511
Ion Ratio Lower Upper
88 100
58 64.9 57.1 85.7
43 28.5 24.4 36.6





#3
Pyridine
Concen: 37.760 ng
RT: 4.102 min Scan# 90
Delta R.T. -0.002 min
Lab File: BG057422.D
Acq: 13 May 2023 1:13

Instrument :

BNA_G

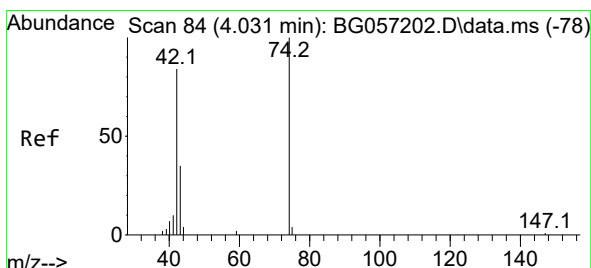
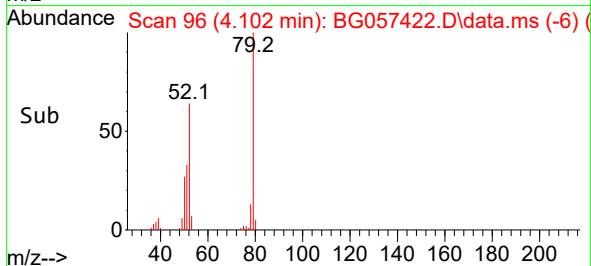
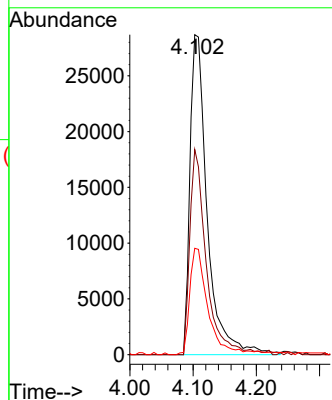
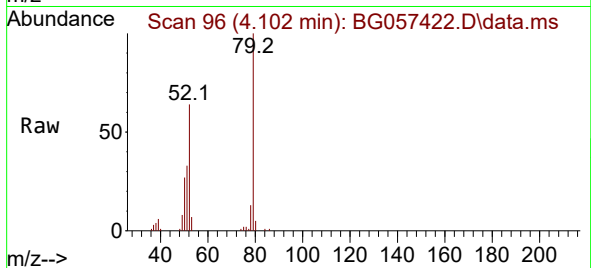
ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 5455
Ion Ratio Lower Upper
79 100
52 64.1 51.4 77.0
51 33.2 28.0 42.0

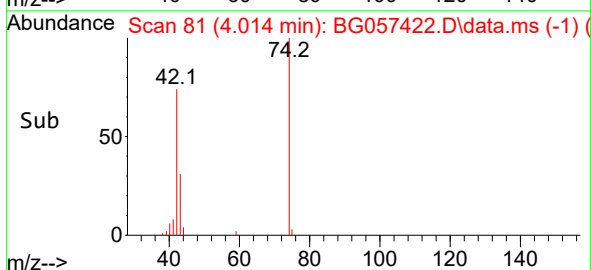
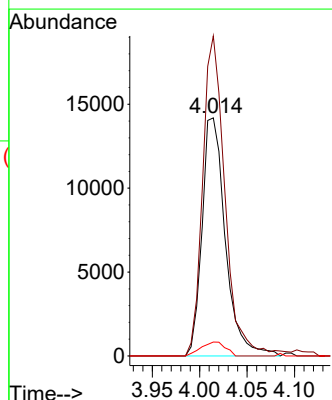
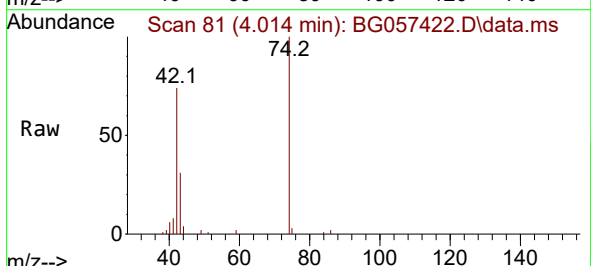
Manual Integrations
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Supervised By :Yogesh Patel 05/16/2023



#4
n-Nitrosodimethylamine
Concen: 35.799 ng
RT: 4.014 min Scan# 81
Delta R.T. 0.004 min
Lab File: BG057422.D
Acq: 13 May 2023 1:13

Tgt Ion: 42 Resp: 24308
Ion Ratio Lower Upper
42 100
74 134.4 95.1 142.7
44 5.9 5.8 8.8





#5
2-Fluorophenol
Concen: 80.475 ng
RT: 5.882 min Scan# 399
Delta R.T. 0.004 min
Lab File: BG057422.D
Acq: 13 May 2023 1:13

Instrument :

BNA_G

ClientSampleId :

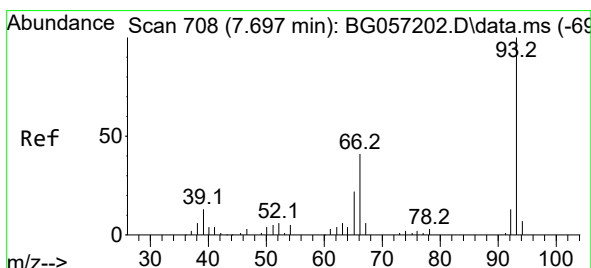
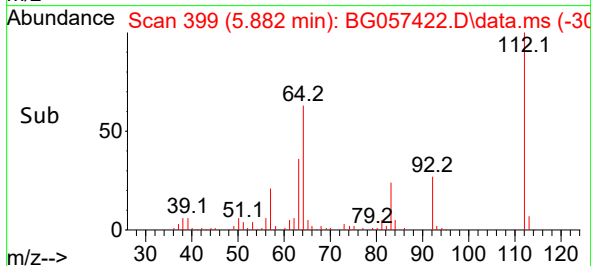
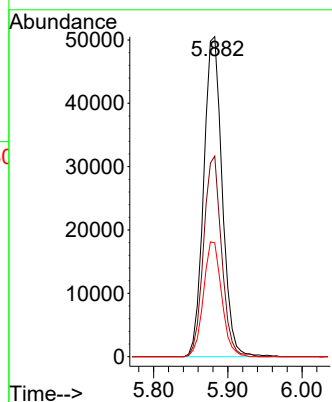
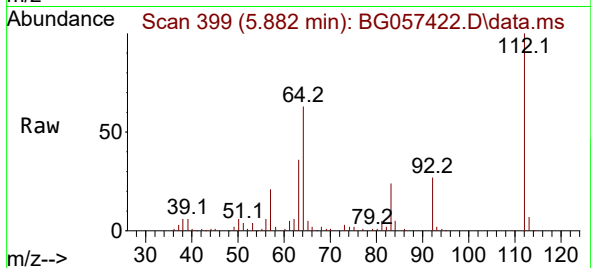
SSTDCCC040

Tgt Ion:112 Resp: 87508
Ion Ratio Lower Upper
112 100
64 62.7 49.4 74.2
63 35.6 31.6 47.4

Manual Integrations

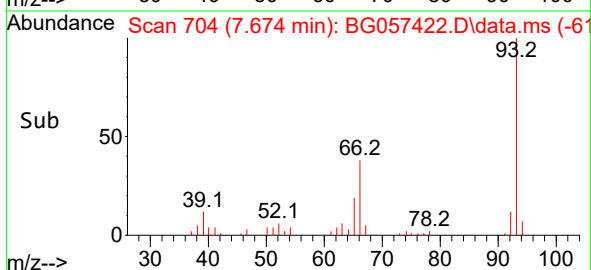
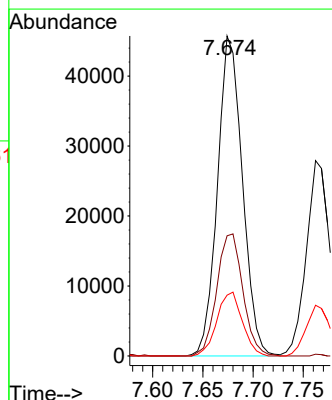
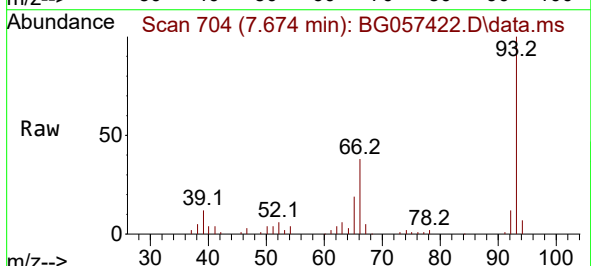
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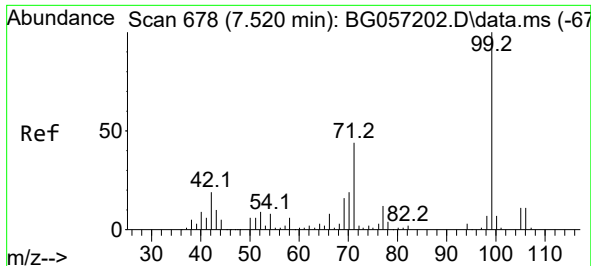
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#6
Aniline
Concen: 37.691 ng
RT: 7.674 min Scan# 704
Delta R.T. -0.002 min
Lab File: BG057422.D
Acq: 13 May 2023 1:13

Tgt Ion: 93 Resp: 78953
Ion Ratio Lower Upper
93 100
66 37.6 33.0 49.6
65 19.0 18.0 27.0





#7
Phenol-d6
Concen: 78.706 ng
RT: 7.504 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG057422.D
Acq: 13 May 2023 1:13

Instrument :

BNA_G

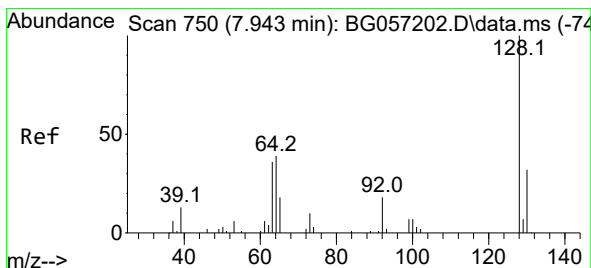
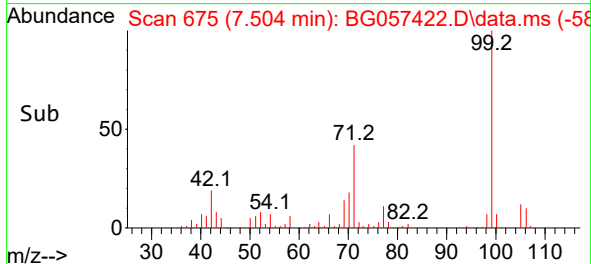
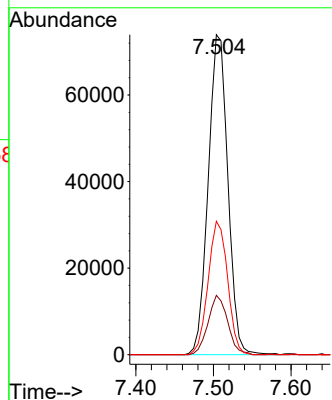
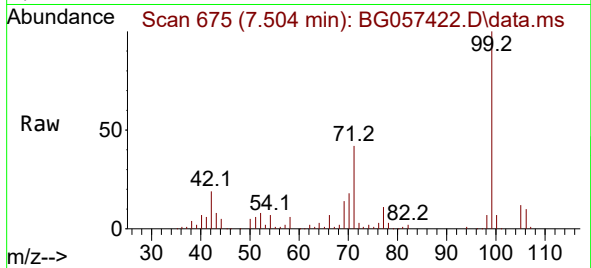
ClientSampleId :

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Tgt Ion: 99 Resp: 12996
Ion Ratio Lower Upper
99 100
42 18.6 15.1 22.7
71 41.7 35.2 52.8

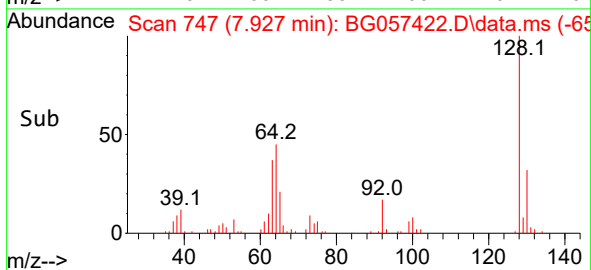
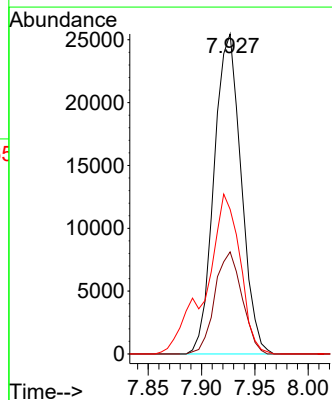
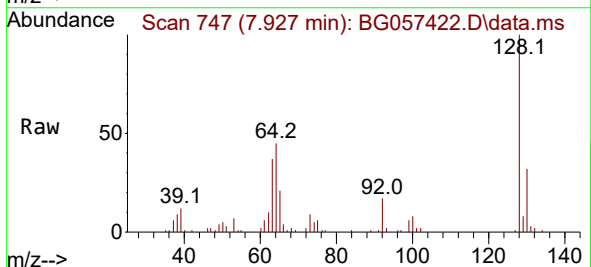
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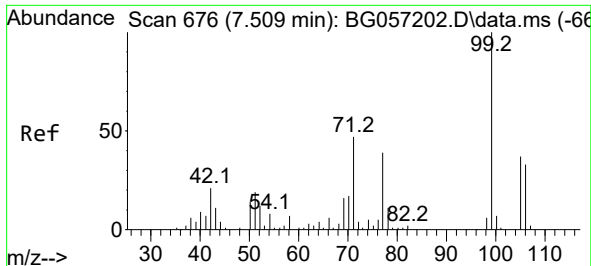
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#8
2-Chlorophenol
Concen: 39.127 ng
RT: 7.927 min Scan# 747
Delta R.T. 0.004 min
Lab File: BG057422.D
Acq: 13 May 2023 1:13

Tgt Ion:128 Resp: 44958
Ion Ratio Lower Upper
128 100
130 31.9 12.2 52.2
64 45.2 28.4 68.4





#9
Benzaldehyde
Concen: 36.353 ng
RT: 7.492 min Scan# 61
Delta R.T. 0.004 min
Lab File: BG057422.D
Acq: 13 May 2023 1:13

Instrument :

BNA_G

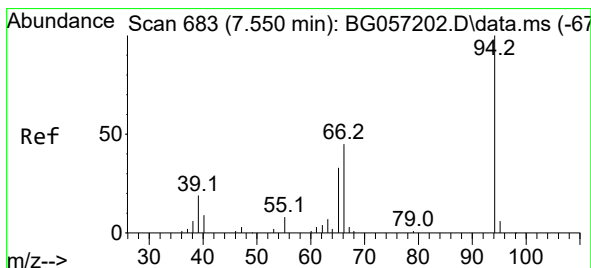
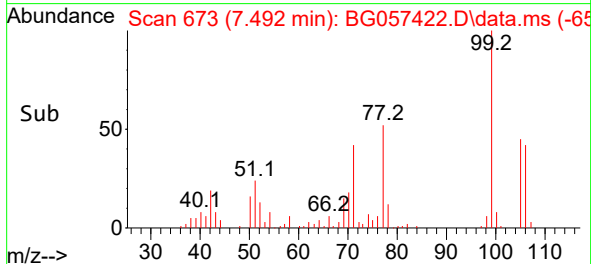
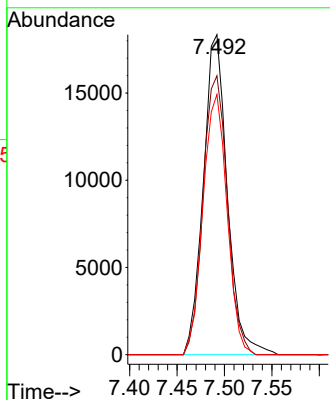
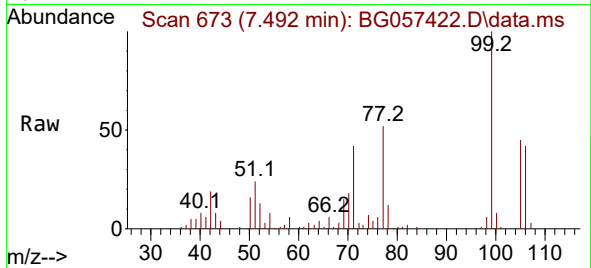
ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 32392
Ion Ratio Lower Upper
77 100
105 87.1 74.6 114.6
106 81.3 66.3 106.3

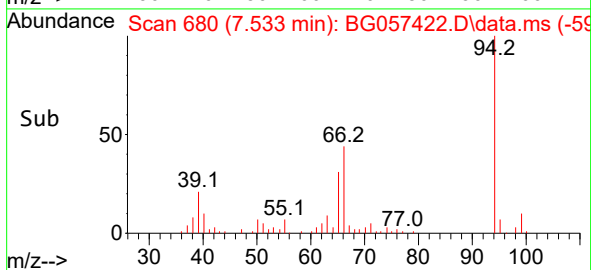
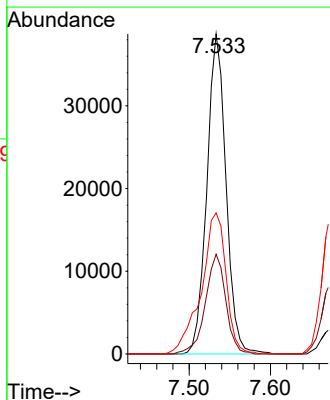
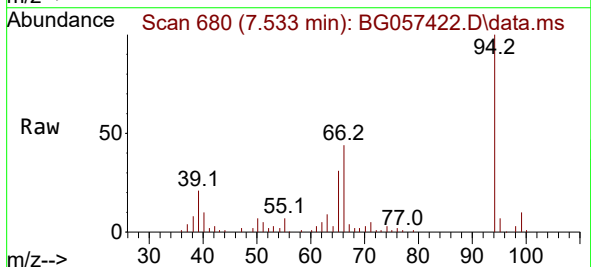
Manual Integrations
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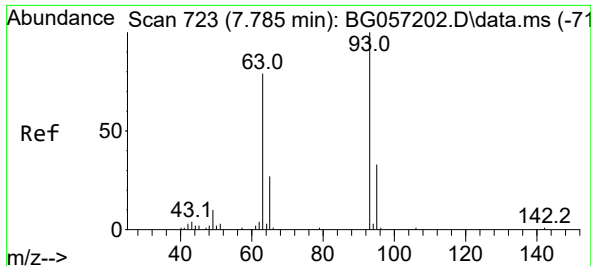
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#10
Phenol
Concen: 39.292 ng
RT: 7.533 min Scan# 680
Delta R.T. -0.002 min
Lab File: BG057422.D
Acq: 13 May 2023 1:13

Tgt Ion: 94 Resp: 63247
Ion Ratio Lower Upper
94 100
65 31.2 13.5 53.5
66 44.1 26.7 66.7





#11
bis(2-Chloroethyl)ether
Concen: 37.274 ng
RT: 7.762 min Scan# 71
Delta R.T. -0.002 min
Lab File: BG057422.D
Acq: 13 May 2023 1:13

Instrument :

BNA_G

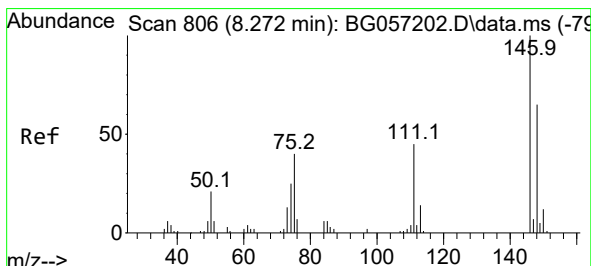
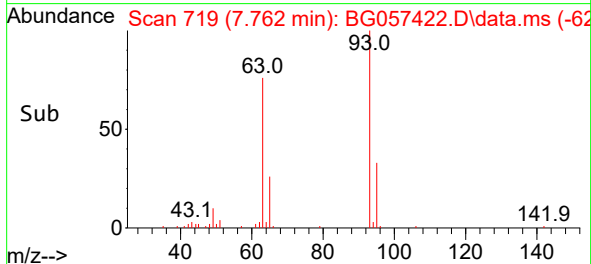
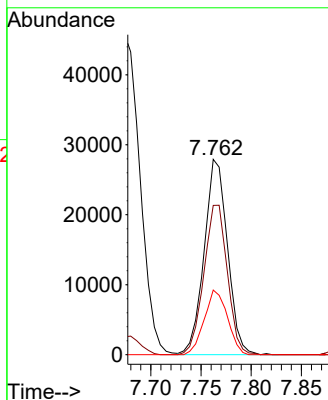
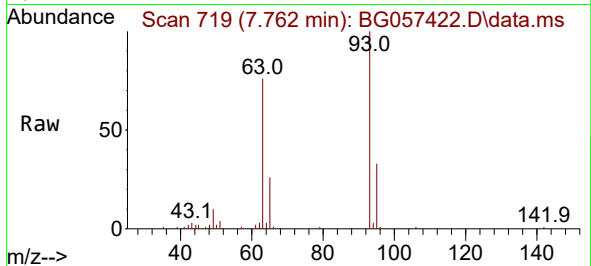
ClientSampleId :

SSTDCCC040

Tgt Ion: 93 Resp: 4524
Ion Ratio Lower Upper
93 100
63 76.4 58.6 98.6
95 33.1 12.2 52.2

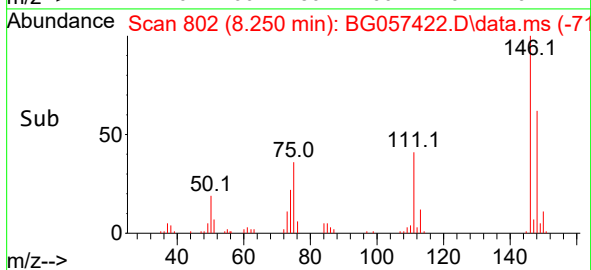
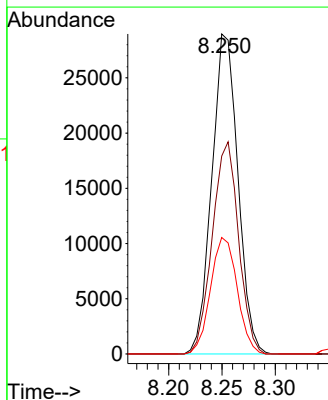
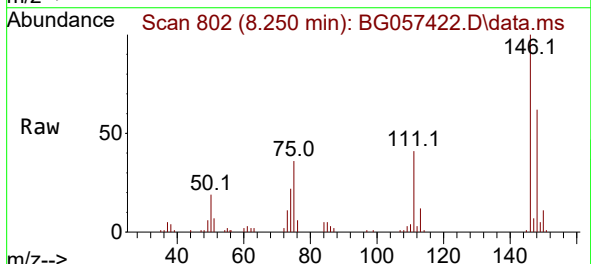
Manual Integrations
APPROVED

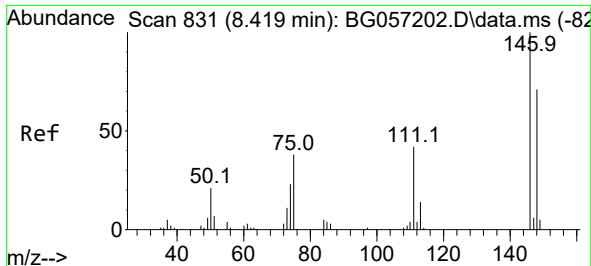
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#12
1,3-Dichlorobenzene
Concen: 38.940 ng
RT: 8.250 min Scan# 802
Delta R.T. -0.002 min
Lab File: BG057422.D
Acq: 13 May 2023 1:13

Tgt Ion:146 Resp: 49382
Ion Ratio Lower Upper
146 100
148 61.9 52.2 78.2
75 36.4 31.7 47.5





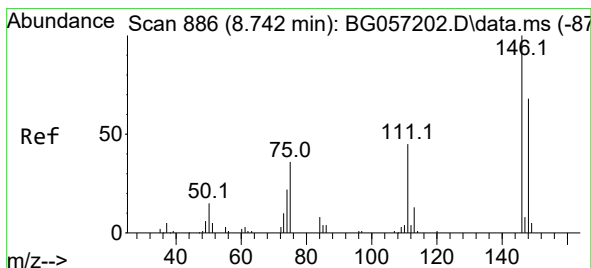
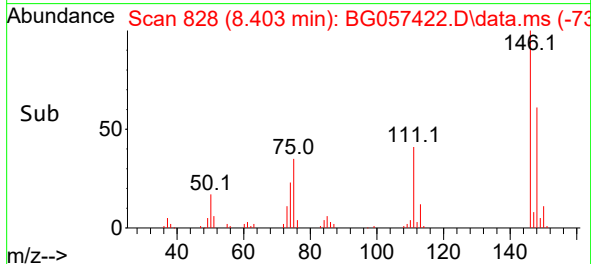
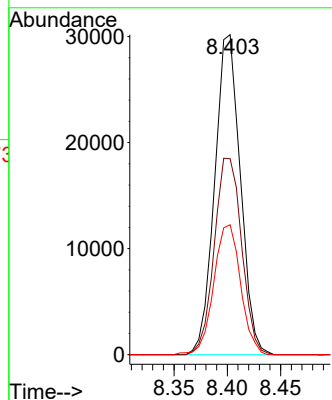
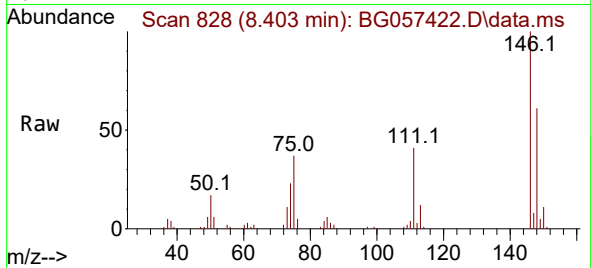
#13
1,4-Dichlorobenzene
Concen: 39.657 ng
RT: 8.403 min Scan# 81
Delta R.T. 0.004 min
Lab File: BG057422.D
Acq: 13 May 2023 1:13

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 50510
Ion Ratio Lower Upper
146 100
148 61.3 56.4 84.6
111 40.6 33.8 50.6

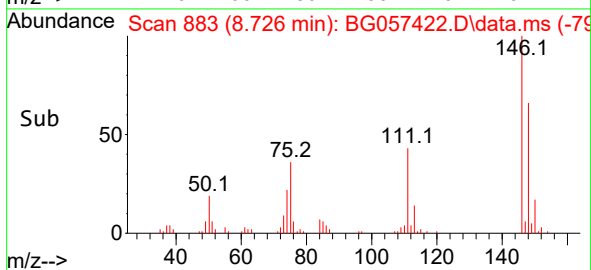
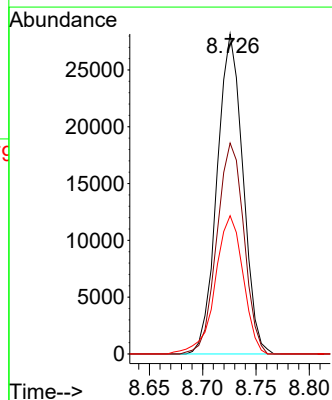
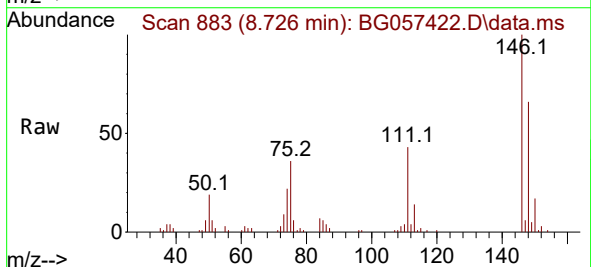
Manual Integrations
APPROVED

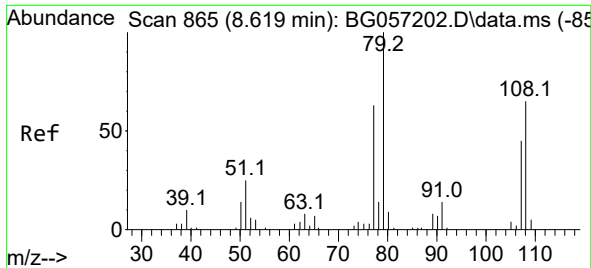
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#14
1,2-Dichlorobenzene
Concen: 38.571 ng
RT: 8.726 min Scan# 883
Delta R.T. -0.002 min
Lab File: BG057422.D
Acq: 13 May 2023 1:13

Tgt Ion:146 Resp: 47431
Ion Ratio Lower Upper
146 100
148 65.9 54.6 82.0
111 43.2 37.2 55.8





#15
Benzyl Alcohol
Concen: 37.415 ng
RT: 8.596 min Scan# 80
Delta R.T. -0.002 min
Lab File: BG057422.D
Acq: 13 May 2023 1:13

Instrument :

BNA_G

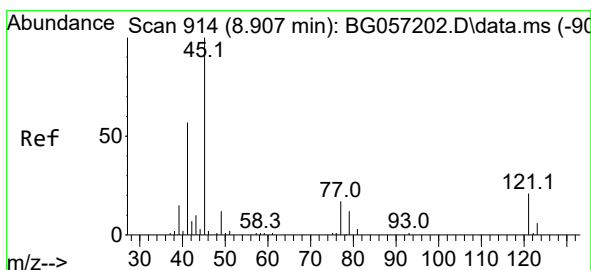
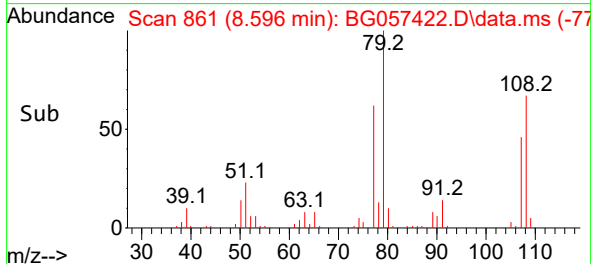
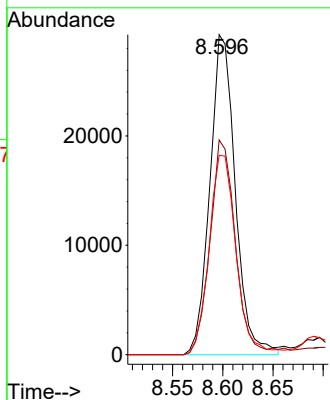
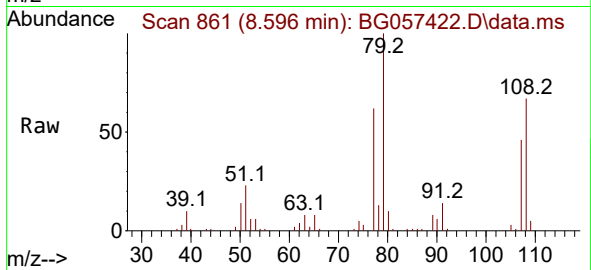
ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 51469
Ion Ratio Lower Upper
79 100
108 67.1 52.2 78.2
77 62.3 50.1 75.1

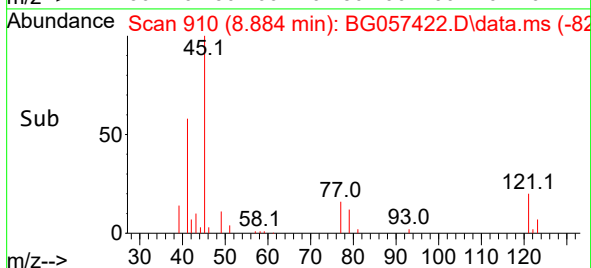
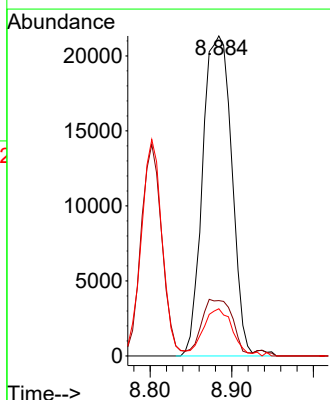
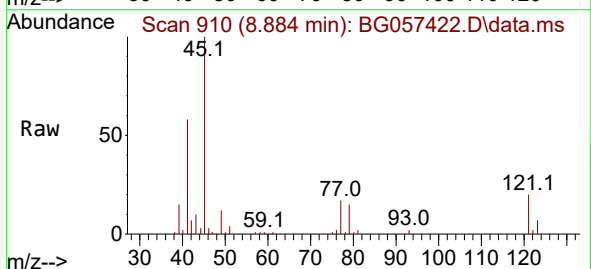
Manual Integrations
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Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.799 ng m
RT: 8.884 min Scan# 910
Delta R.T. -0.002 min
Lab File: BG057422.D
Acq: 13 May 2023 1:13

Tgt Ion: 45 Resp: 53238
Ion Ratio Lower Upper
45 100
77 17.3 0.0 38.5
79 14.7 0.0 33.8





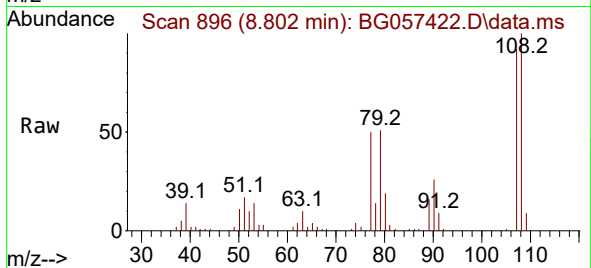
#17
2-Methylphenol
Concen: 39.122 ng
RT: 8.802 min Scan# 899
Delta R.T. -0.002 min
Lab File: BG057422.D
Acq: 13 May 2023 1:13

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

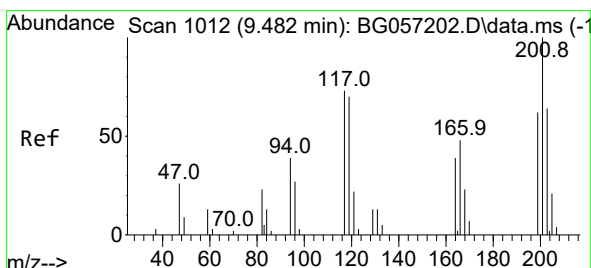
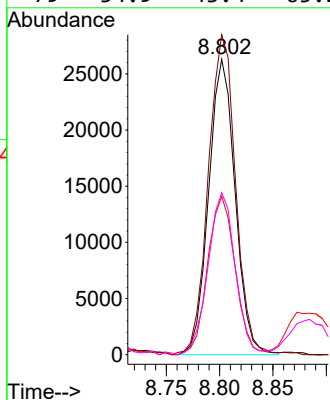
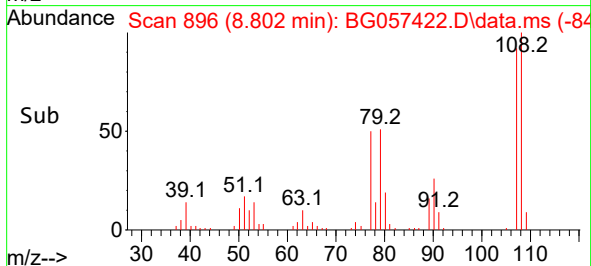


Tgt Ion:107 Resp: 45394
Ion Ratio Lower Upper
107 100
108 108.3 89.5 134.3
77 53.6 45.1 67.7
79 54.9 43.4 65.2

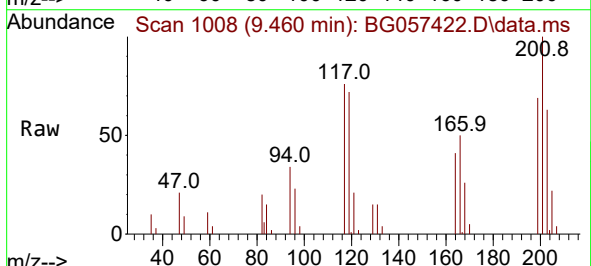
Manual Integrations

APPROVED

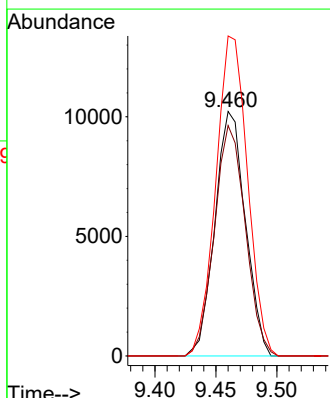
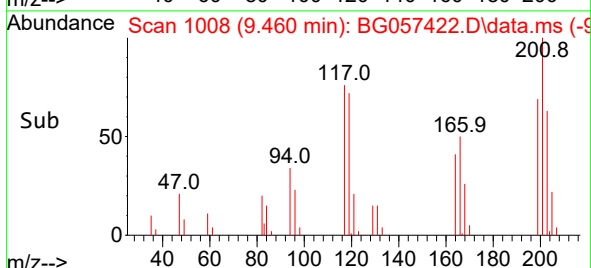
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

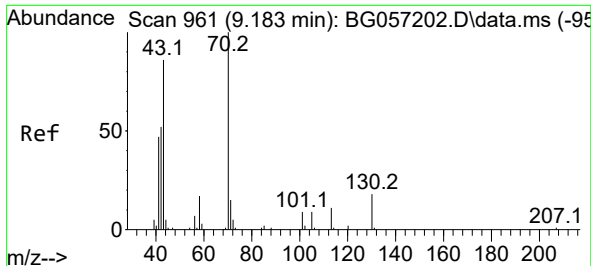


#18
Hexachloroethane
Concen: 38.684 ng
RT: 9.460 min Scan# 1008
Delta R.T. -0.002 min
Lab File: BG057422.D
Acq: 13 May 2023 1:13



Tgt Ion:117 Resp: 17783
Ion Ratio Lower Upper
117 100
119 94.3 76.7 115.1
201 130.9 109.0 163.4





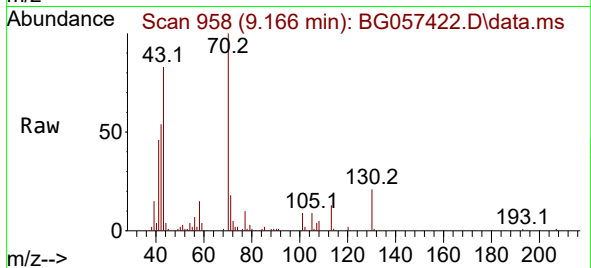
#19
n-Nitroso-di-n-propylamine
Concen: 35.790 ng
RT: 9.166 min Scan# 91
Delta R.T. -0.002 min
Lab File: BG057422.D
Acq: 13 May 2023 1:13

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

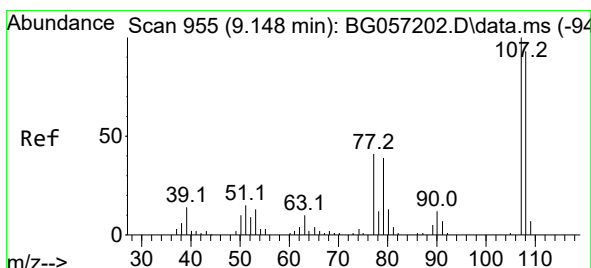
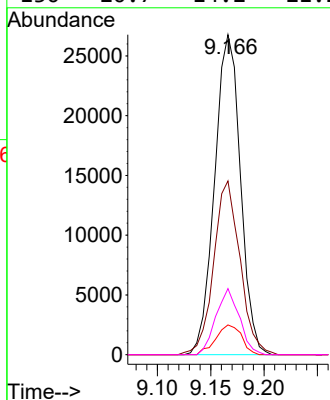
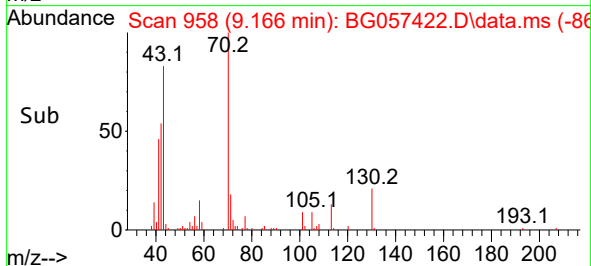


Tgt Ion: 70 Resp: 4506
Ion Ratio Lower Upper
70 100
42 54.3 41.8 62.8
101 9.3 6.8 10.2
130 20.7 14.2 21.2

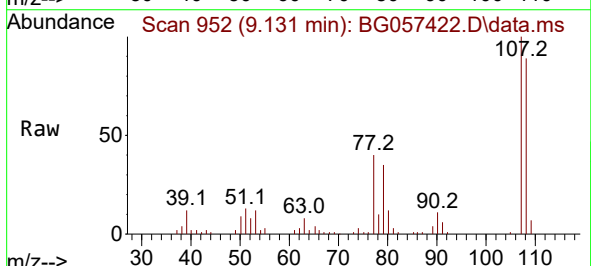
Manual Integrations

APPROVED

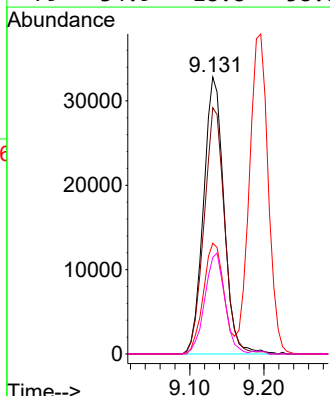
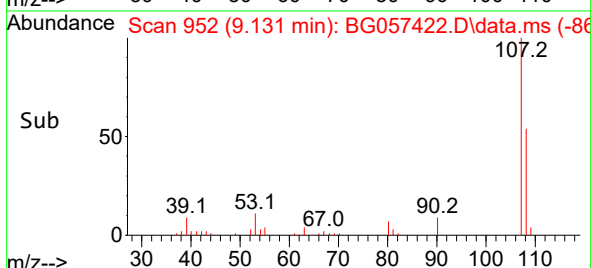
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

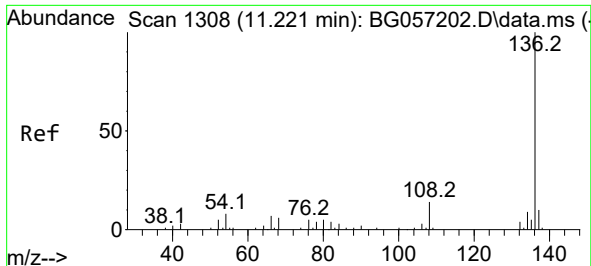


#20
3+4-Methylphenols
Concen: 39.577 ng
RT: 9.131 min Scan# 952
Delta R.T. -0.002 min
Lab File: BG057422.D
Acq: 13 May 2023 1:13



Tgt Ion:107 Resp: 62880
Ion Ratio Lower Upper
107 100
108 88.9 73.5 113.5
77 40.0 21.1 61.1
79 34.9 18.8 58.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.199 min Scan# 11

Delta R.T. -0.002 min

Lab File: BG057422.D

Acq: 13 May 2023 1:13

Instrument :

BNA_G

ClientSampleId :

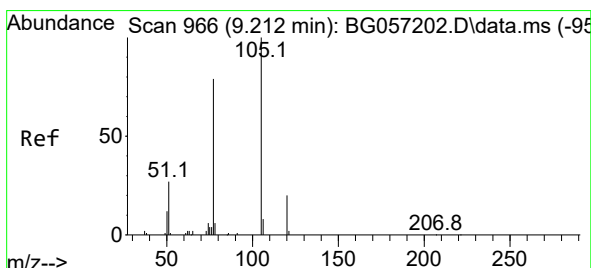
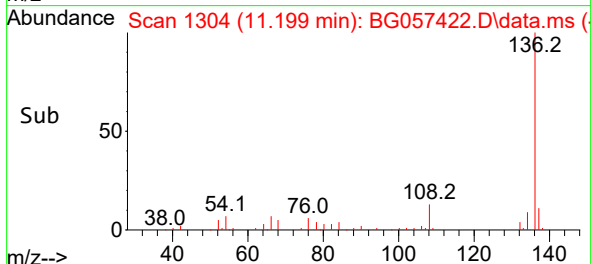
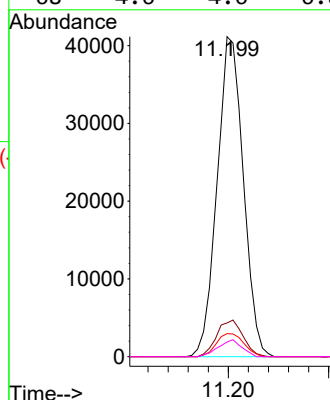
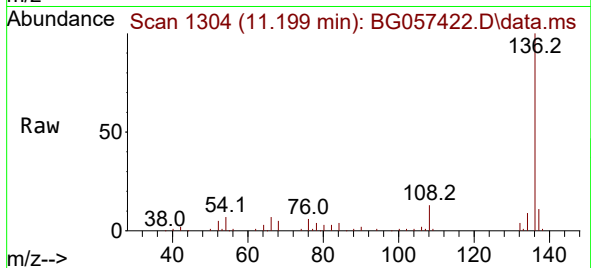
SSTDCCC040

Tgt Ion:	136	Resp:	7460
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.3	12.5
54	7.2	6.7	10.1
68	4.6	4.6	6.8

Manual Integrations

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Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#22

Acetophenone

Concen: 37.092 ng

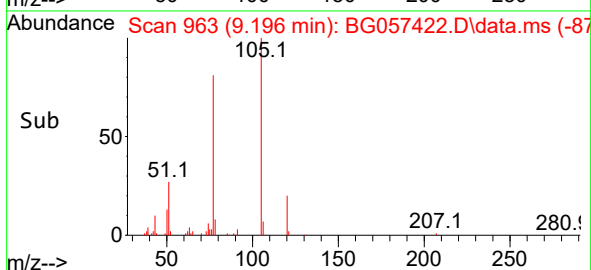
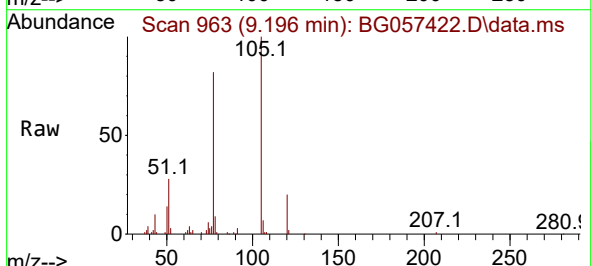
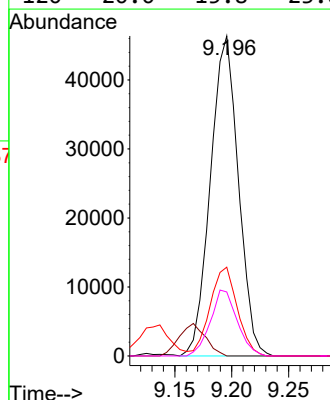
RT: 9.196 min Scan# 963

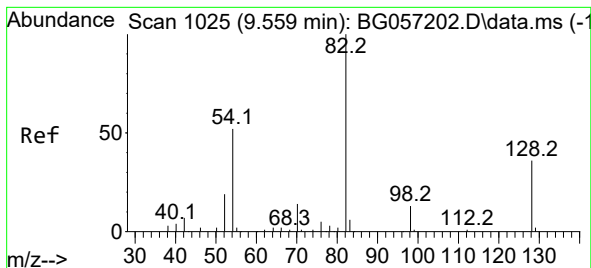
Delta R.T. 0.004 min

Lab File: BG057422.D

Acq: 13 May 2023 1:13

Tgt Ion:	105	Resp:	79201
Ion Ratio	Lower	Upper	
105	100		
71	0.0	0.4	0.6
51	27.7	24.0	36.0
120	20.0	15.8	23.8





#23

Nitrobenzene-d5

Concen: 74.002 ng

RT: 9.542 min Scan# 1022

Delta R.T. -0.002 min

Lab File: BG057422.D

Acq: 13 May 2023 1:13

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 131538

Ion Ratio Lower Upper

82 100

128 38.4 29.0 43.4

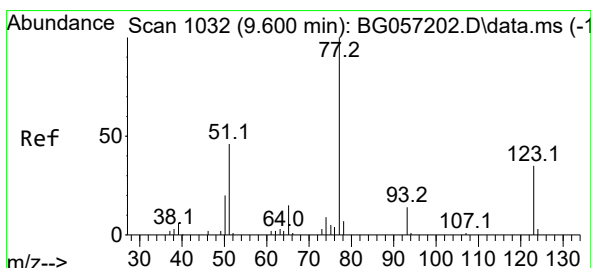
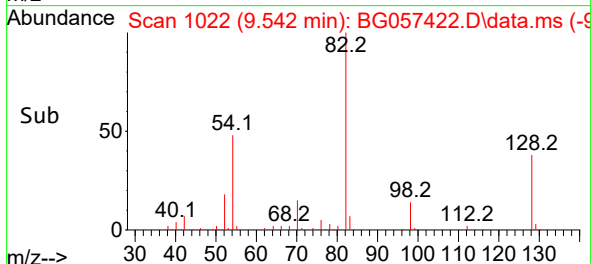
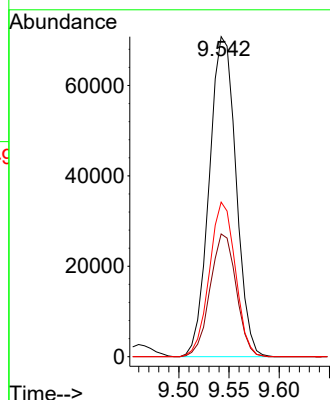
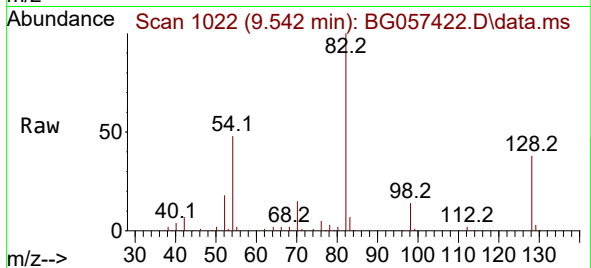
54 48.3 41.4 62.0

Manual Integrations

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Reviewed By :Christian Giraldo 05/15/2023

Supervised By :Yogesh Patel 05/16/2023



#24

Nitrobenzene

Concen: 36.953 ng

RT: 9.589 min Scan# 1030

Delta R.T. 0.004 min

Lab File: BG057422.D

Acq: 13 May 2023 1:13

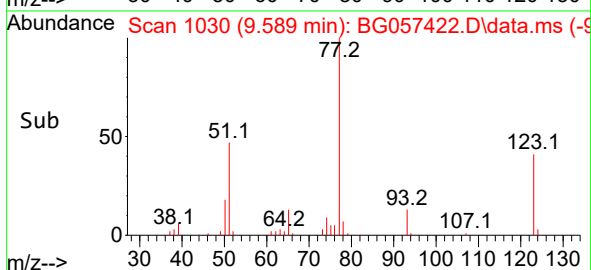
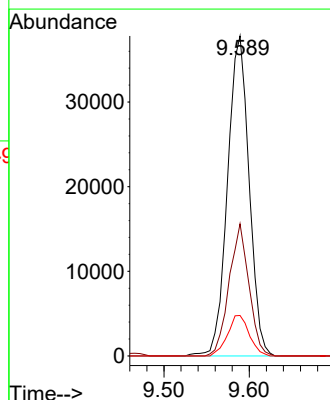
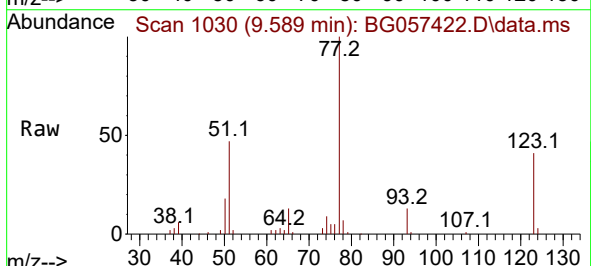
Tgt Ion: 77 Resp: 66297

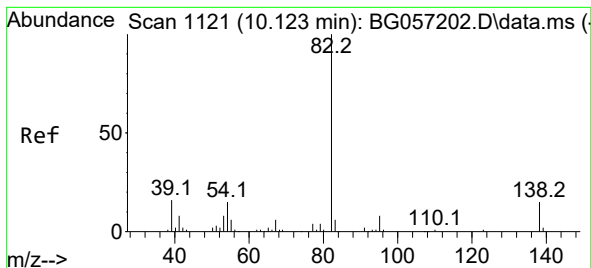
Ion Ratio Lower Upper

77 100

123 41.3 28.2 42.2

65 12.7 11.7 17.5





#25

Isophorone

Concen: 35.867 ng

RT: 10.106 min Scan# 1118

Delta R.T. 0.004 min

Lab File: BG057422.D

Acq: 13 May 2023 1:13

Instrument :

BNA_G

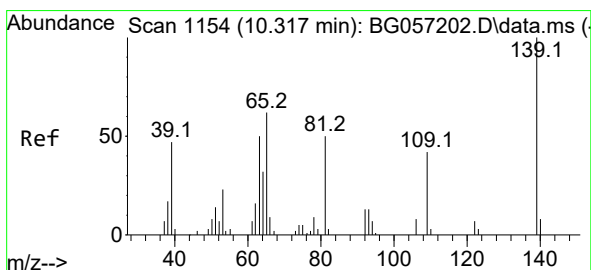
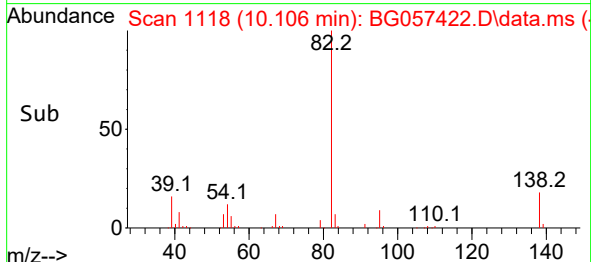
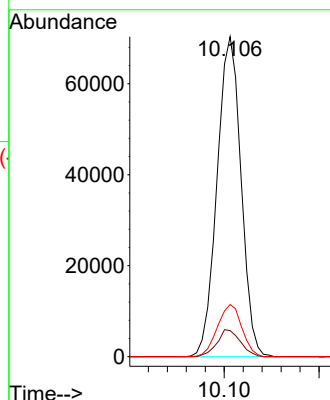
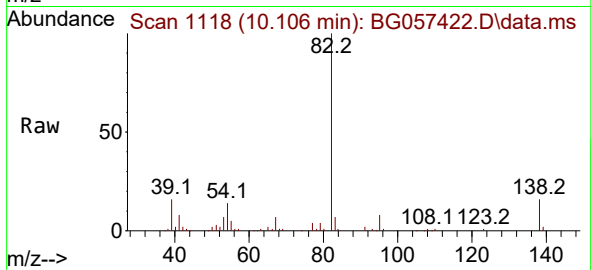
ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 123624
 Ion Ratio Lower Upper
 82 100
 95 8.2 6.4 9.6
 138 16.3 12.3 18.5

Manual Integrations
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Reviewed By :Christian Giraldo 05/15/2023
 Supervised By :Yogesh Patel 05/16/2023



#26

2-Nitrophenol

Concen: 42.401 ng

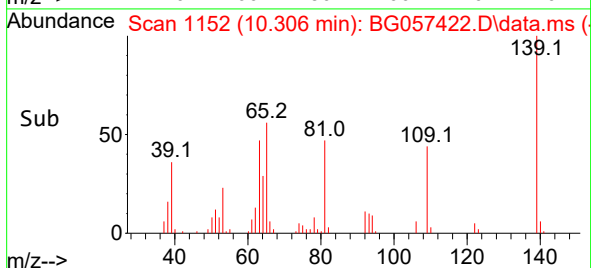
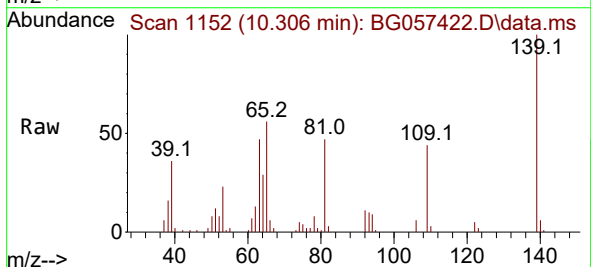
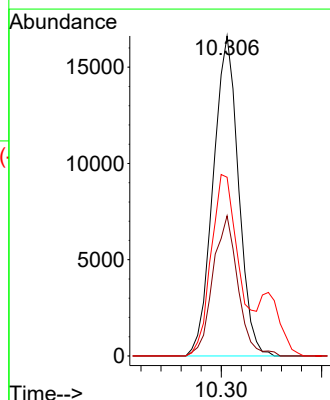
RT: 10.306 min Scan# 1152

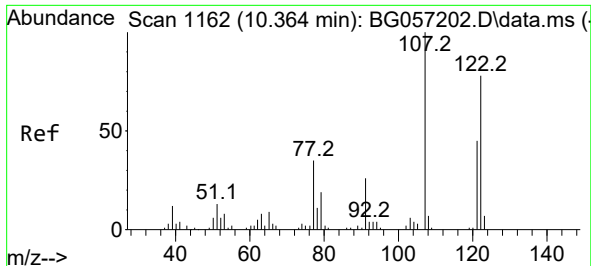
Delta R.T. 0.004 min

Lab File: BG057422.D

Acq: 13 May 2023 1:13

Tgt Ion:139 Resp: 29118
 Ion Ratio Lower Upper
 139 100
 109 43.8 33.4 50.2
 65 55.9 49.8 74.6





#27

2,4-Dimethylphenol

Concen: 40.383 ng

RT: 10.347 min Scan# 1159

Delta R.T. 0.004 min

Lab File: BG057422.D

Acq: 13 May 2023 1:13

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

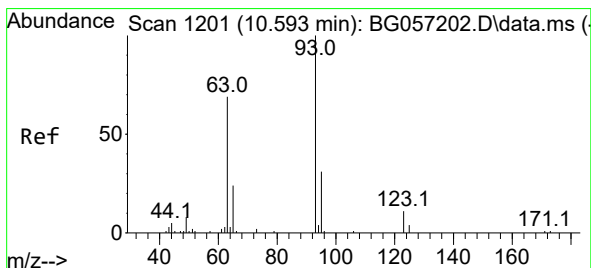
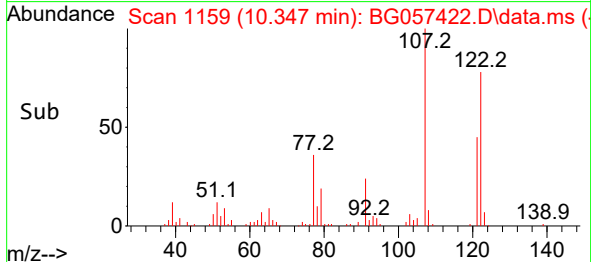
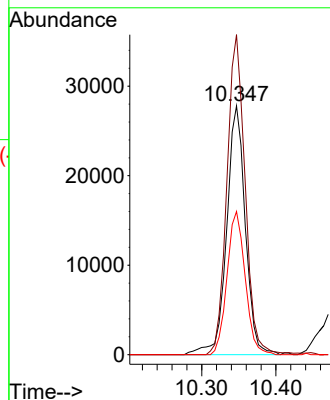
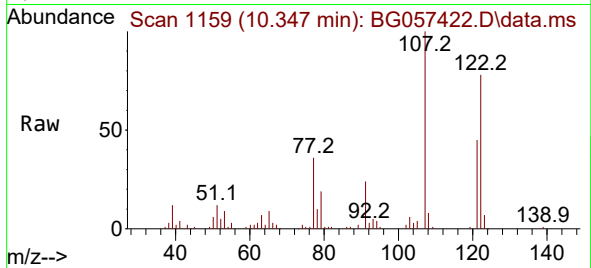
Tgt Ion:	122	Resp:	48559
Ion Ratio	Lower	Upper	
122	100		
107	128.6	103.0	154.4
121	57.5	45.9	68.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/15/2023

Supervised By :Yogesh Patel 05/16/2023



#28

bis(2-Chloroethoxy)methane

Concen: 36.809 ng

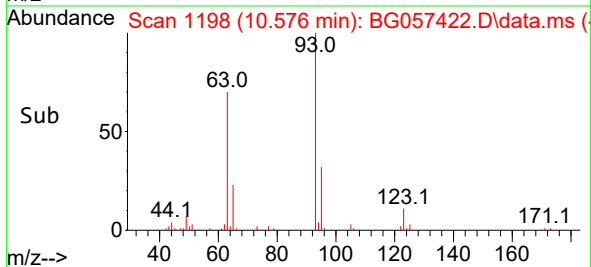
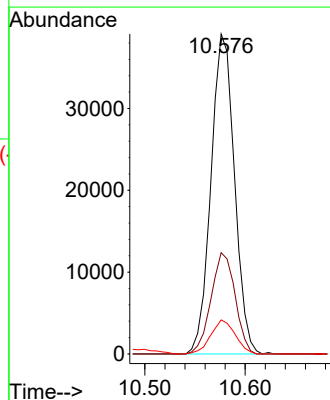
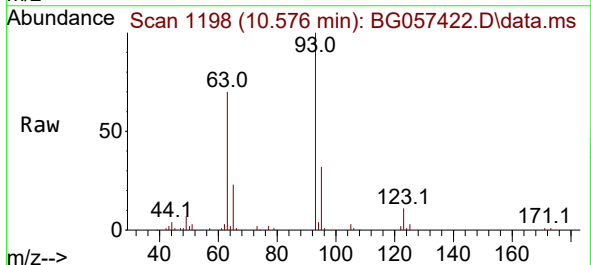
RT: 10.576 min Scan# 1198

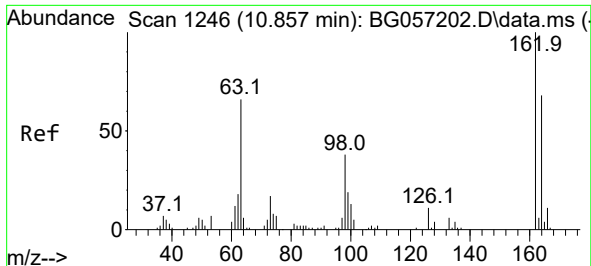
Delta R.T. -0.002 min

Lab File: BG057422.D

Acq: 13 May 2023 1:13

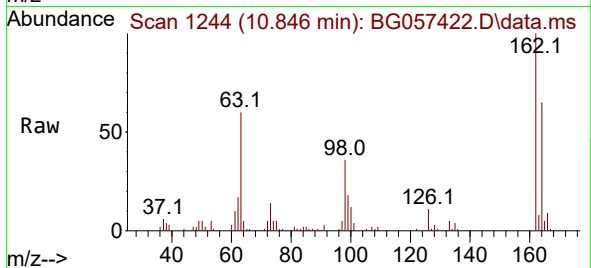
Tgt Ion:	93	Resp:	63559
Ion Ratio	Lower	Upper	
93	100		
95	31.6	25.0	37.6
123	10.7	8.5	12.7





#29
2,4-Dichlorophenol
Concen: 41.256 ng
RT: 10.846 min Scan# 11
Delta R.T. 0.004 min
Lab File: BG057422.D
Acq: 13 May 2023 1:13

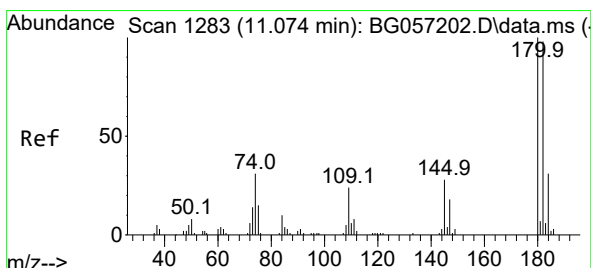
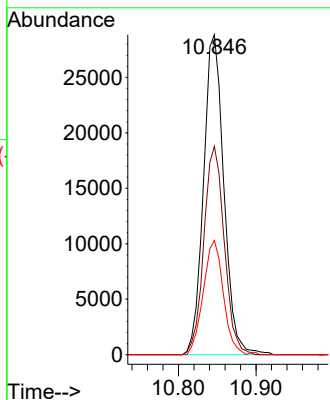
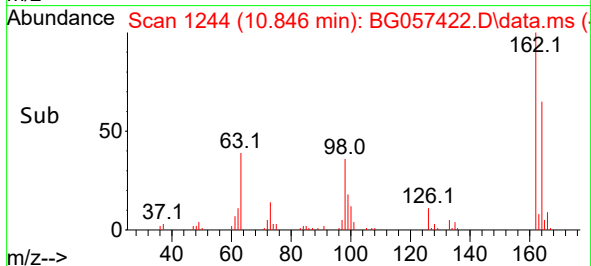
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



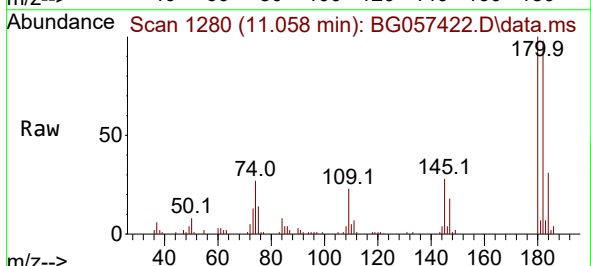
Tgt Ion:162 Resp: 5261
Ion Ratio Lower Upper
162 100
164 65.1 48.4 88.4
98 35.7 17.6 57.6

Manual Integrations
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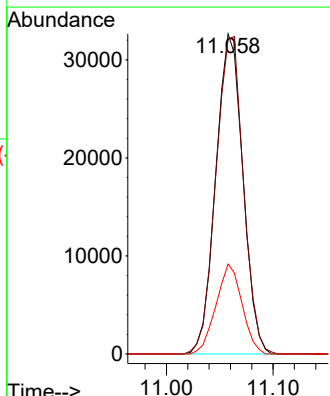
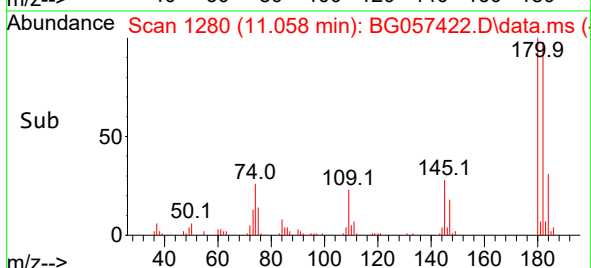
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

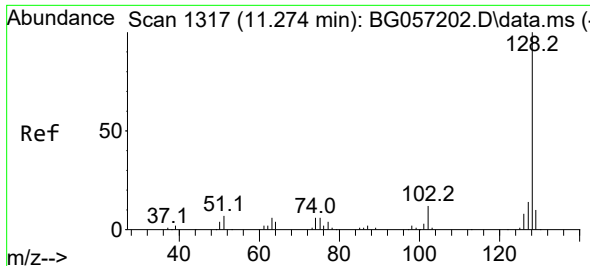


#30
1,2,4-Trichlorobenzene
Concen: 39.078 ng
RT: 11.058 min Scan# 1280
Delta R.T. -0.002 min
Lab File: BG057422.D
Acq: 13 May 2023 1:13



Tgt Ion:180 Resp: 57485
Ion Ratio Lower Upper
180 100
182 98.4 78.0 117.0
145 28.1 22.4 33.6





#31
Naphthalene
Concen: 38.763 ng
RT: 11.252 min Scan# 111
Delta R.T. -0.002 min
Lab File: BG057422.D
Acq: 13 May 2023 1:13

Instrument :

BNA_G

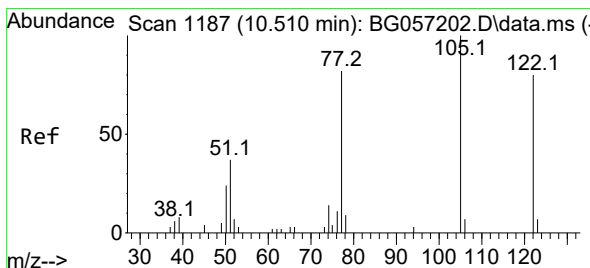
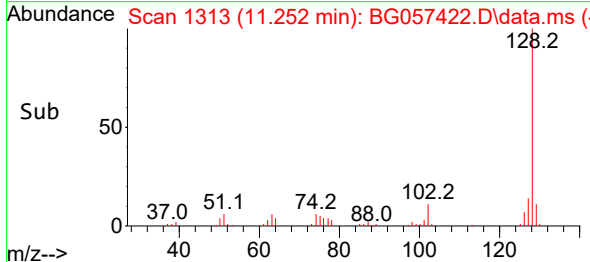
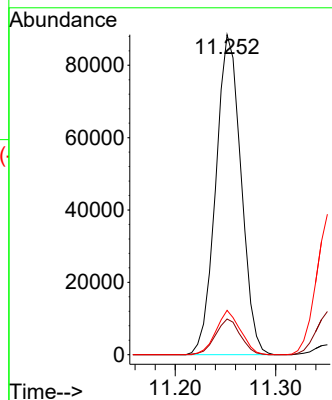
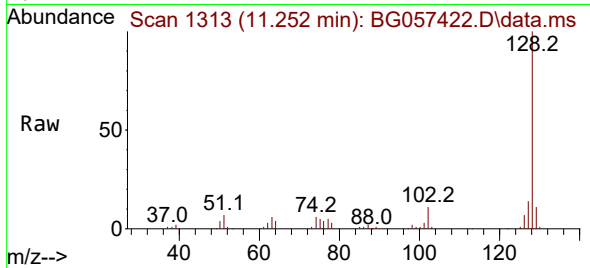
ClientSampleId :

SSTDCCC040

Tgt Ion:128 Resp: 15460
Ion Ratio Lower Upper
128 100
129 11.1 8.3 12.5
127 13.9 11.1 16.7

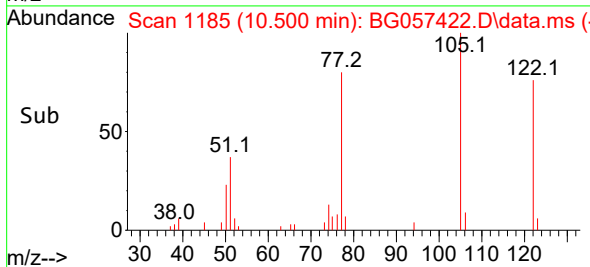
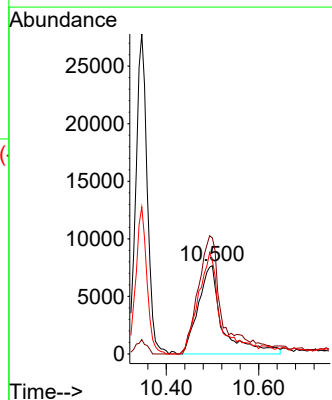
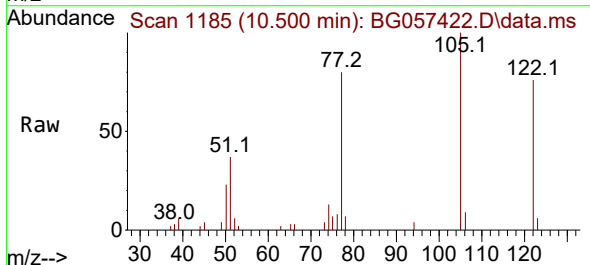
Manual Integrations
APPROVED

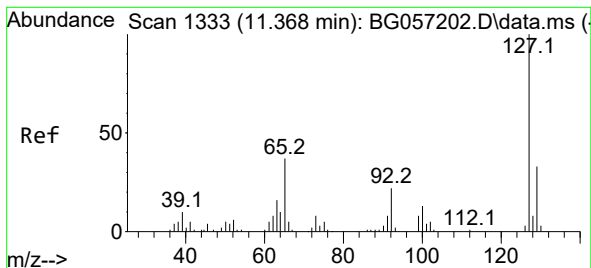
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#32
Benzoic acid
Concen: 41.310 ng m
RT: 10.500 min Scan# 1185
Delta R.T. 0.010 min
Lab File: BG057422.D
Acq: 13 May 2023 1:13

Tgt Ion:122 Resp: 28139
Ion Ratio Lower Upper
122 100
105 131.5 105.2 145.2
77 105.5 83.1 123.1





#33
4-Chloroaniline
Concen: 40.764 ng
RT: 11.351 min Scan# 1130
Delta R.T. -0.002 min
Lab File: BG057422.D
Acq: 13 May 2023 1:13

Instrument :

BNA_G

ClientSampleId :

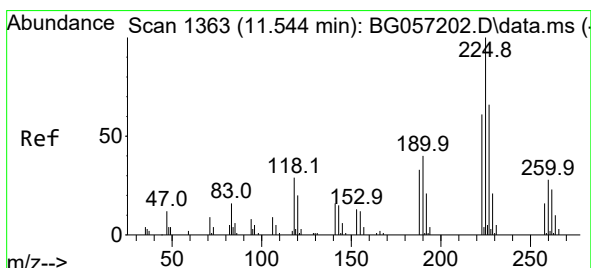
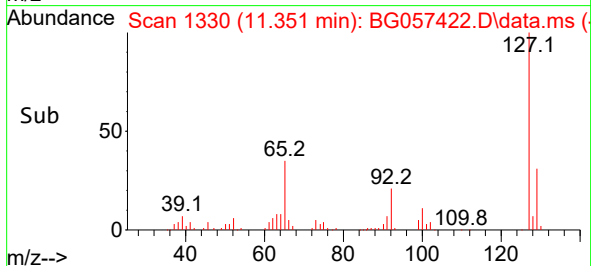
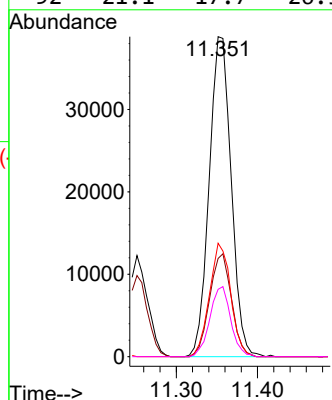
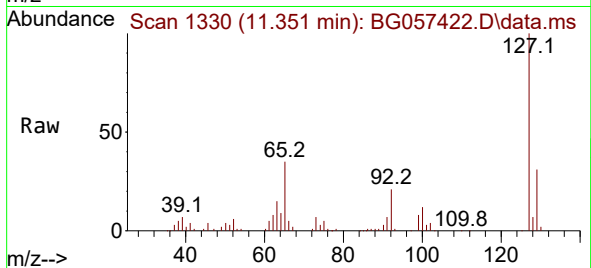
SSTDCCC040

Tgt Ion:127 Resp: 7301
Ion Ratio Lower Upper
127 100
129 30.7 26.7 40.1
65 35.4 29.7 44.5
92 21.1 17.7 26.5

Manual Integrations

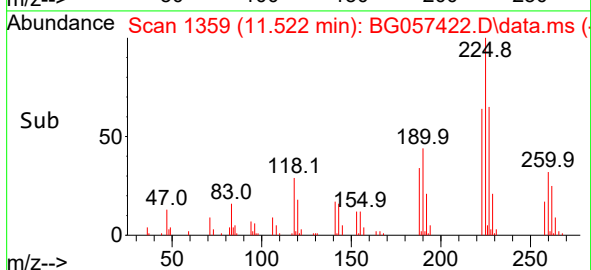
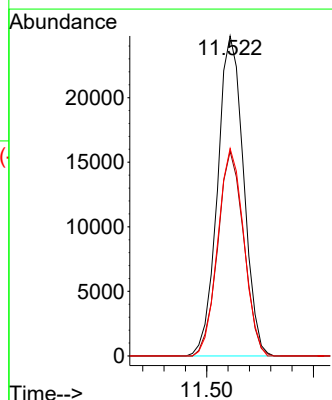
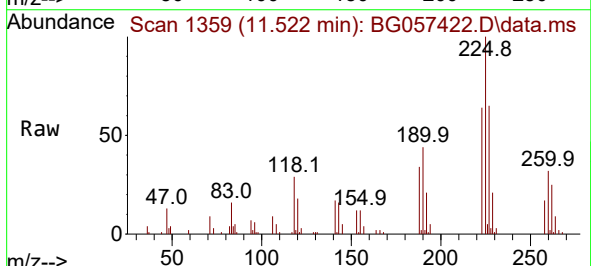
APPROVED

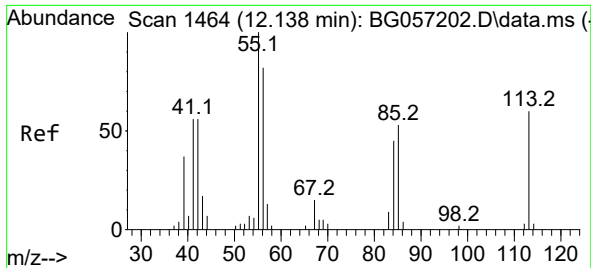
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#34
Hexachlorobutadiene
Concen: 38.520 ng
RT: 11.522 min Scan# 1359
Delta R.T. -0.002 min
Lab File: BG057422.D
Acq: 13 May 2023 1:13

Tgt Ion:225 Resp: 42045
Ion Ratio Lower Upper
225 100
223 64.0 48.6 72.8
227 64.8 52.7 79.1





#35
Caprolactam
Concen: 40.681 ng
RT: 12.121 min Scan# 1461
Delta R.T. -0.008 min
Lab File: BG057422.D
Acq: 13 May 2023 1:13

Instrument :

BNA_G

ClientSampleId :

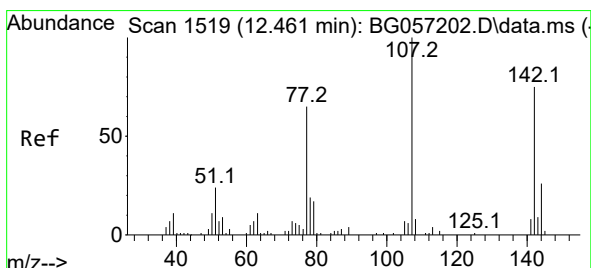
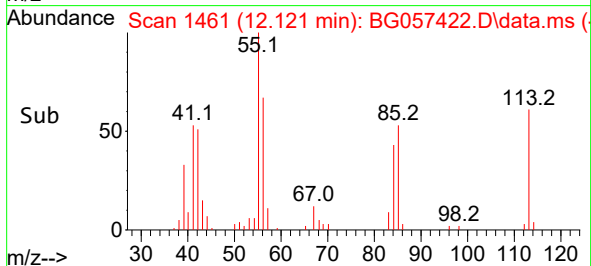
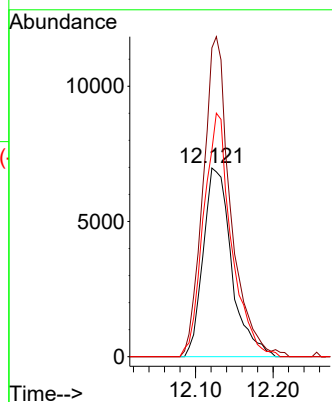
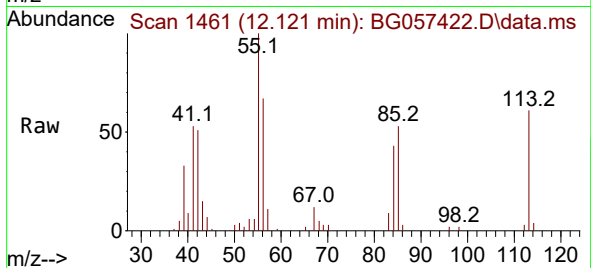
SSTDCCC040

Tgt Ion:113 Resp: 1772
Ion Ratio Lower Upper
113 100
55 163.6 145.5 185.5
56 109.4 115.9 155.9

Manual Integrations

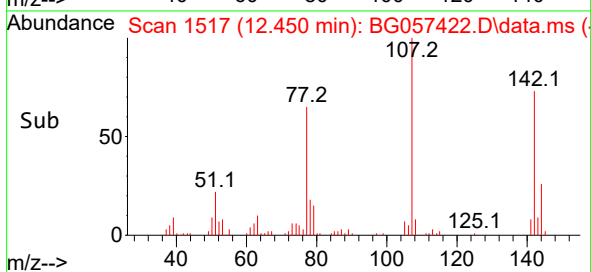
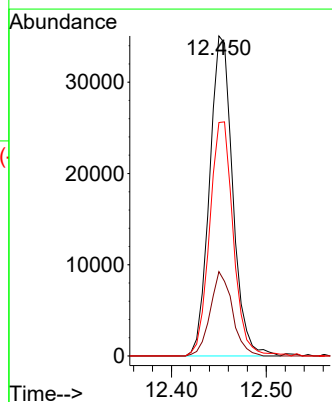
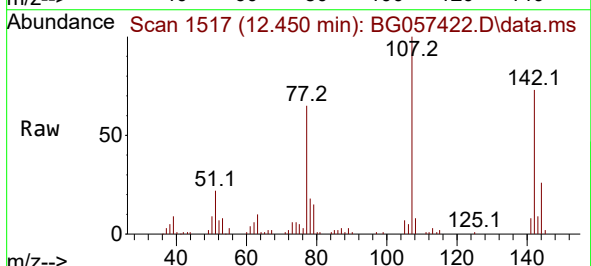
APPROVED

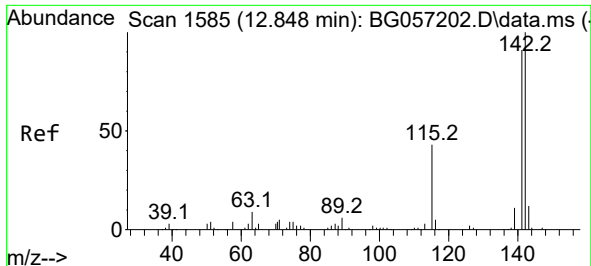
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#36
4-Chloro-3-methylphenol
Concen: 41.088 ng
RT: 12.450 min Scan# 1517
Delta R.T. -0.002 min
Lab File: BG057422.D
Acq: 13 May 2023 1:13

Tgt Ion:107 Resp: 59551
Ion Ratio Lower Upper
107 100
144 26.3 21.0 31.6
142 73.0 60.0 90.0





#37

2-Methylnaphthalene

Concen: 39.853 ng

RT: 12.832 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG057422.D

Acq: 13 May 2023 1:13

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

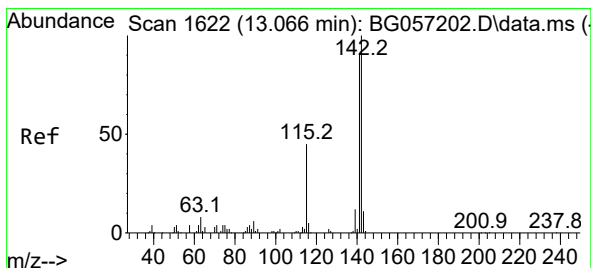
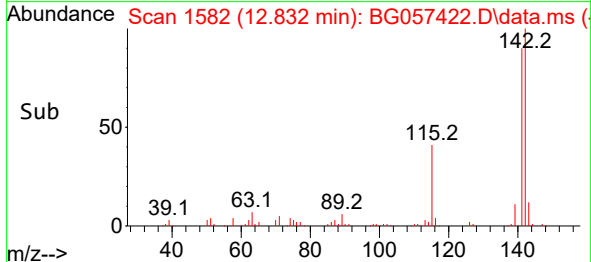
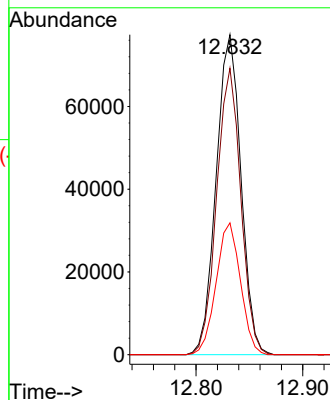
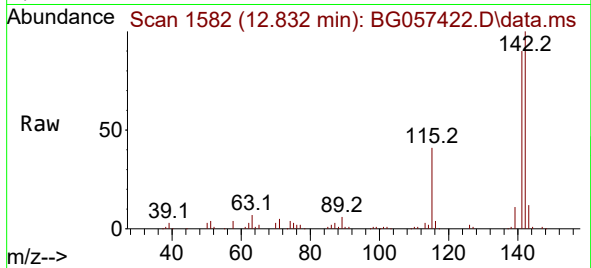
Tgt Ion:142 Resp: 124972
 Ion Ratio Lower Upper
 142 100
 141 89.5 73.1 109.7
 115 41.2 34.6 52.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/15/2023

Supervised By :Yogesh Patel 05/16/2023



#38

1-Methylnaphthalene

Concen: 39.294 ng

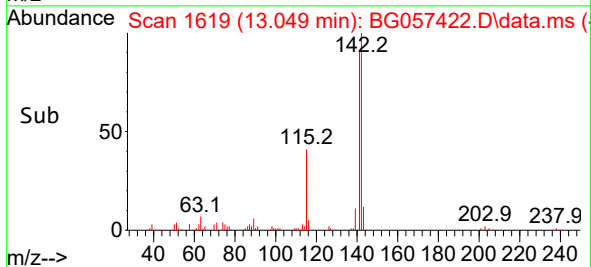
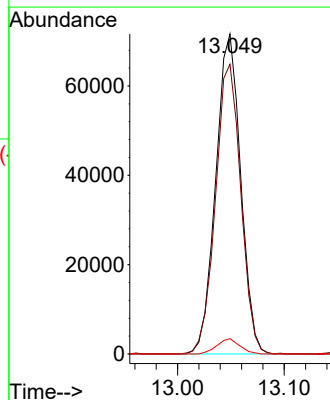
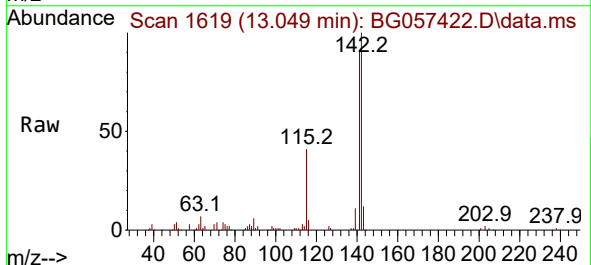
RT: 13.049 min Scan# 1619

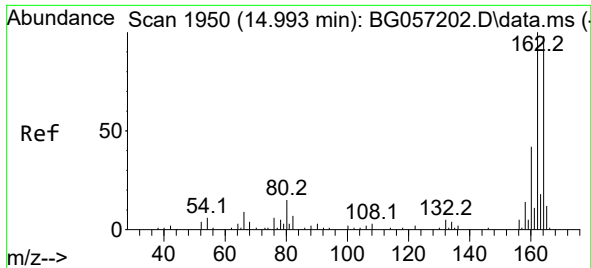
Delta R.T. -0.002 min

Lab File: BG057422.D

Acq: 13 May 2023 1:13

Tgt Ion:142 Resp: 116140
 Ion Ratio Lower Upper
 142 100
 141 90.6 72.5 108.7
 116 4.8 3.7 5.5





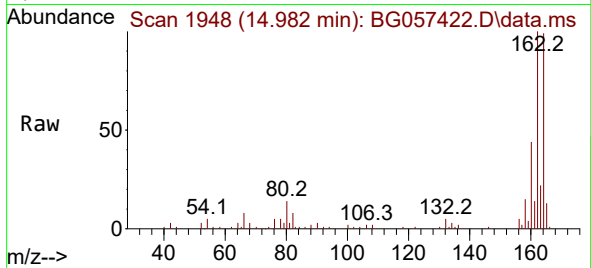
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.982 min Scan# 1948
Delta R.T. 0.004 min
Lab File: BG057422.D
Acq: 13 May 2023 1:13

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

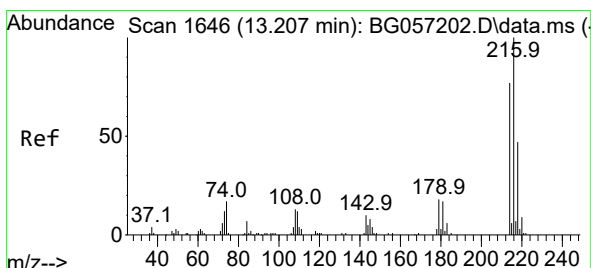
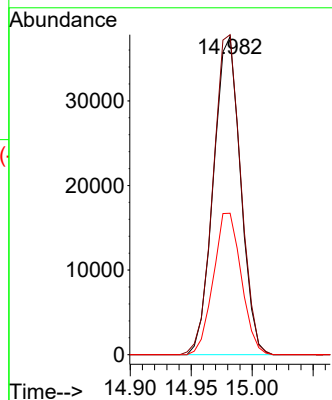


Tgt Ion:164 Resp: 5788
Ion Ratio Lower Upper
164 100
162 100.6 81.8 122.6
160 44.5 34.6 52.0

Manual Integrations

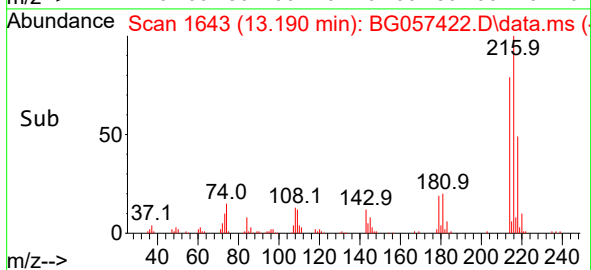
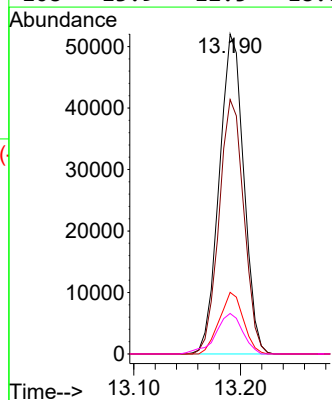
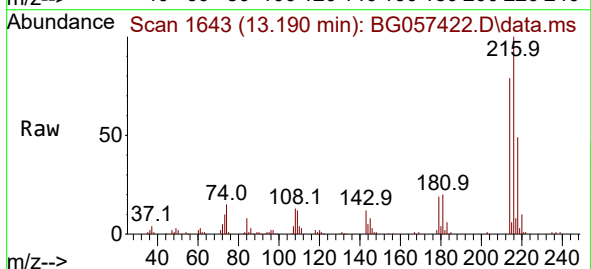
APPROVED

Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.464 ng
RT: 13.190 min Scan# 1643
Delta R.T. -0.002 min
Lab File: BG057422.D
Acq: 13 May 2023 1:13

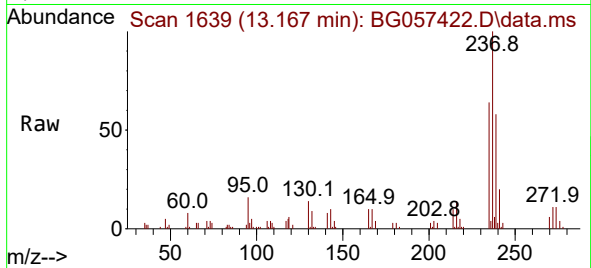
Tgt Ion:216 Resp: 83157
Ion Ratio Lower Upper
216 100
214 80.0 63.7 95.5
179 18.9 14.6 22.0
108 13.9 12.5 18.7





#41
Hexachlorocyclopentadiene
Concen: 40.996 ng
RT: 13.167 min Scan# 1
Delta R.T. 0.004 min
Lab File: BG057422.D
Acq: 13 May 2023 1:13

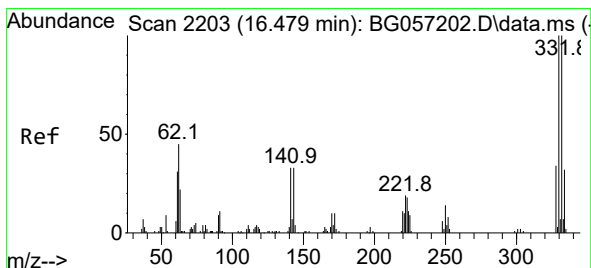
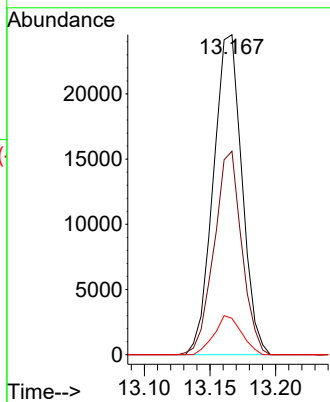
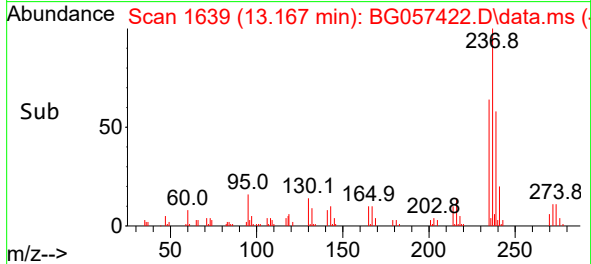
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:237 Resp: 37200
Ion Ratio Lower Upper
237 100
235 63.6 42.0 82.0
272 11.3 0.0 31.5

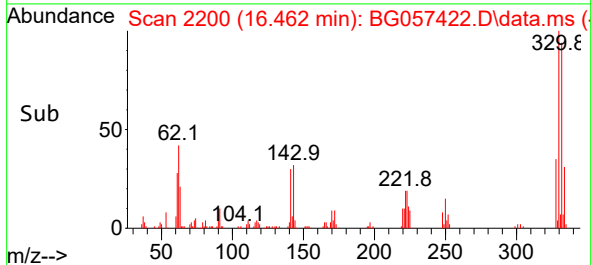
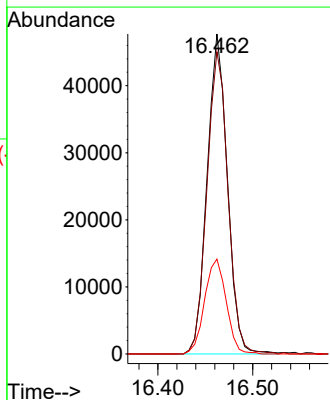
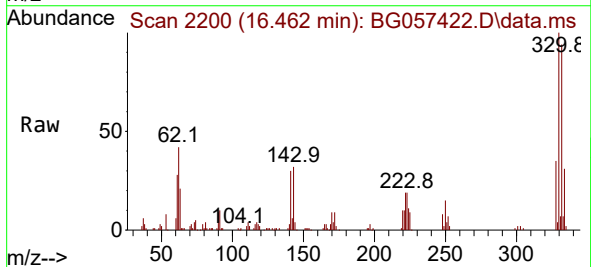
Manual Integrations
APPROVED

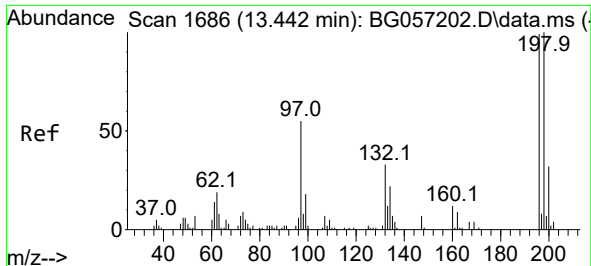
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#42
2,4,6-Tribromophenol
Concen: 86.260 ng
RT: 16.462 min Scan# 2200
Delta R.T. -0.002 min
Lab File: BG057422.D
Acq: 13 May 2023 1:13

Tgt Ion:330 Resp: 70851
Ion Ratio Lower Upper
330 100
332 97.8 78.2 117.2
141 31.5 27.8 41.8





#43
2,4,6-Trichlorophenol
Concen: 42.092 ng
RT: 13.425 min Scan# 1683
Delta R.T. -0.002 min
Lab File: BG057422.D
Acq: 13 May 2023 1:13

Instrument :

BNA_G

ClientSampleId :

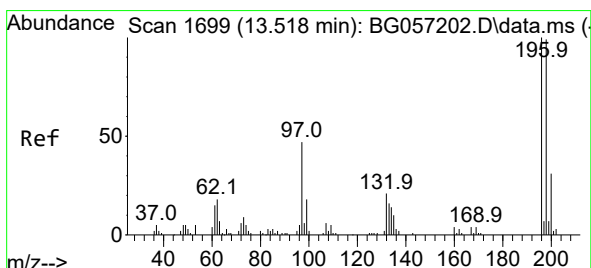
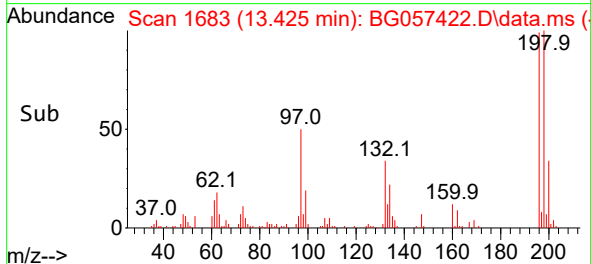
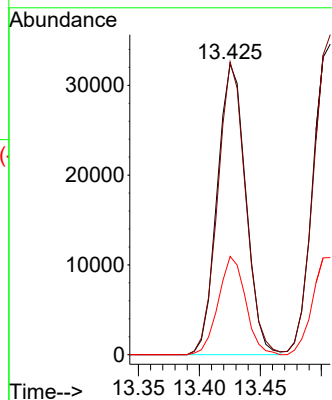
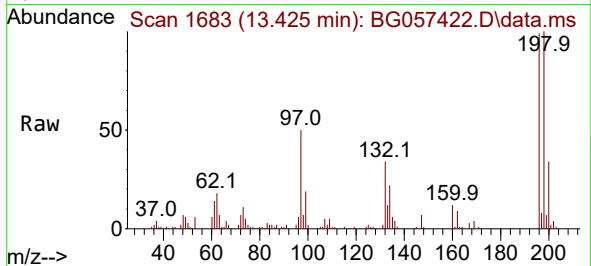
SSTDCCC040

Tgt Ion:196 Resp: 52700
Ion Ratio Lower Upper
196 100
198 100.8 81.2 121.8
200 33.8 26.3 39.5

Manual Integrations

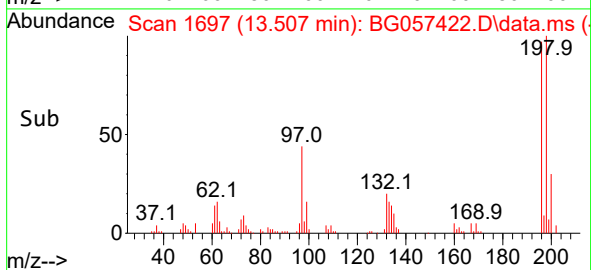
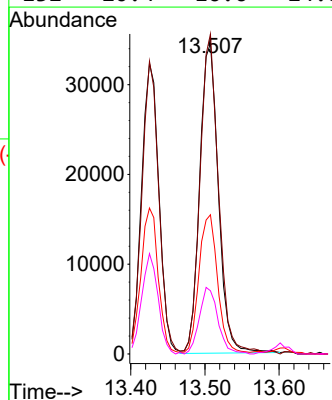
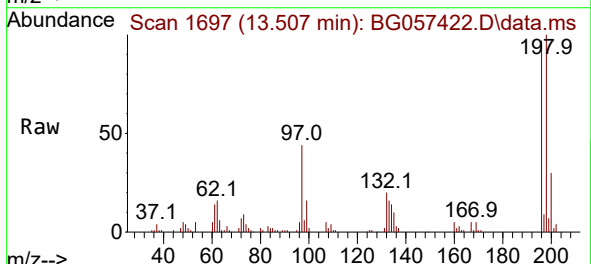
APPROVED

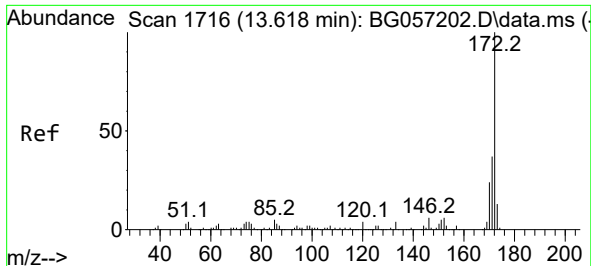
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#44
2,4,5-Trichlorophenol
Concen: 40.931 ng
RT: 13.507 min Scan# 1697
Delta R.T. 0.004 min
Lab File: BG057422.D
Acq: 13 May 2023 1:13

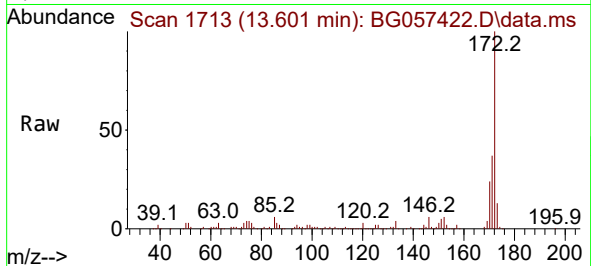
Tgt Ion:196 Resp: 60281
Ion Ratio Lower Upper
196 100
198 103.1 79.4 119.2
97 44.8 37.0 55.4
132 20.4 16.6 24.8





#45
2-Fluorobiphenyl
Concen: 78.792 ng
RT: 13.601 min Scan# 1713
Delta R.T. -0.002 min
Lab File: BG057422.D
Acq: 13 May 2023 1:13

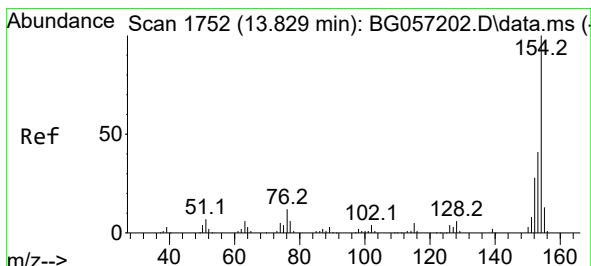
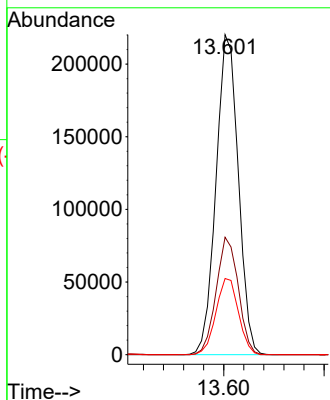
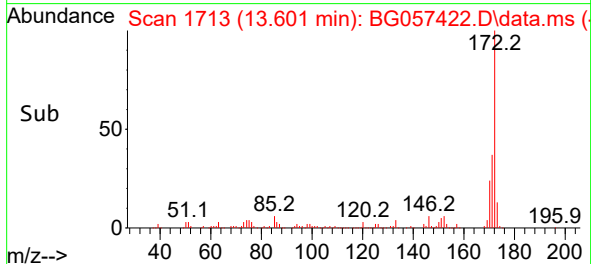
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



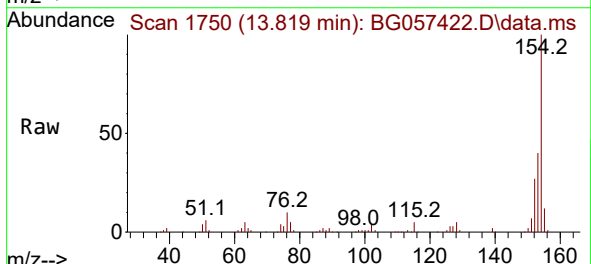
Tgt Ion:172 Resp: 338664
Ion Ratio Lower Upper
172 100
171 36.7 29.4 44.0
170 23.8 19.0 28.6

Manual Integrations
APPROVED

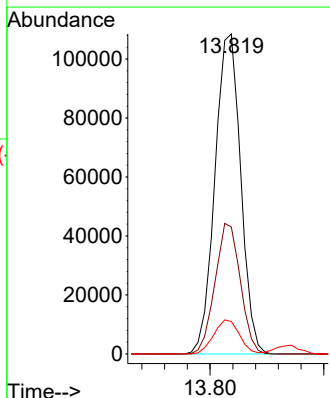
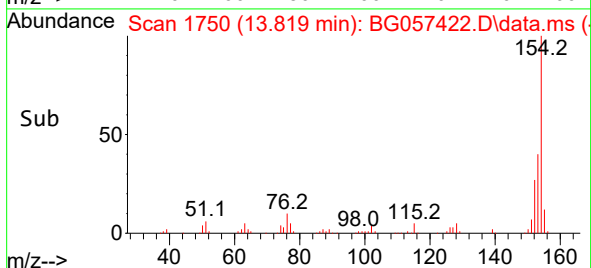
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#46
1,1'-Biphenyl
Concen: 39.717 ng
RT: 13.819 min Scan# 1750
Delta R.T. 0.004 min
Lab File: BG057422.D
Acq: 13 May 2023 1:13



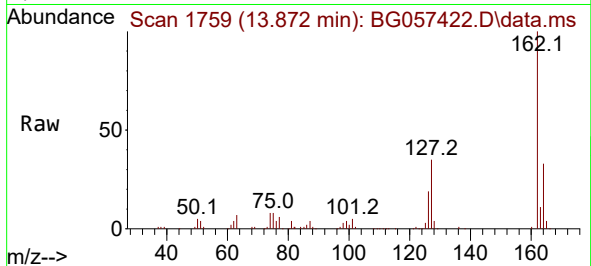
Tgt Ion:154 Resp: 170605
Ion Ratio Lower Upper
154 100
153 39.7 20.9 60.9
76 10.1 0.0 31.7





#47
2-Chloronaphthalene
Concen: 39.947 ng
RT: 13.872 min Scan# 1759
Delta R.T. 0.004 min
Lab File: BG057422.D
Acq: 13 May 2023 1:13

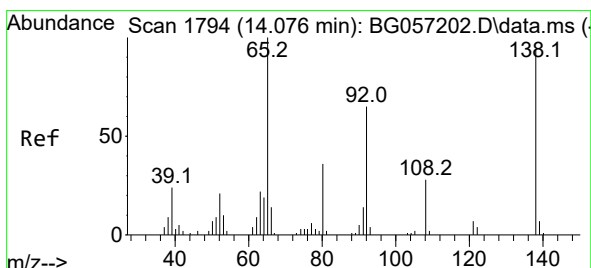
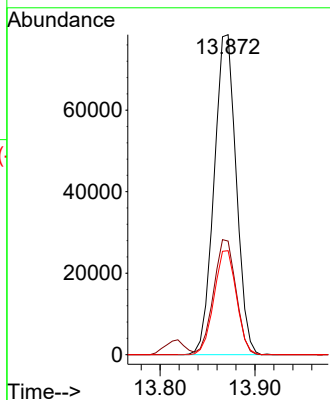
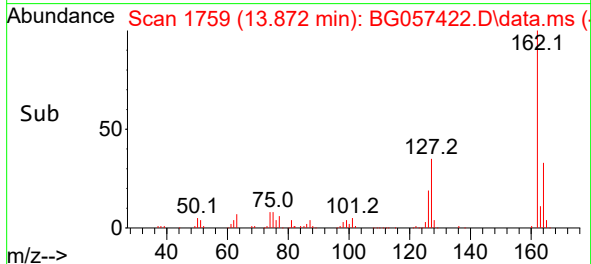
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion: 162 Resp: 12760
Ion Ratio Lower Upper
162 100
127 35.5 29.8 44.6
164 32.5 26.6 40.0

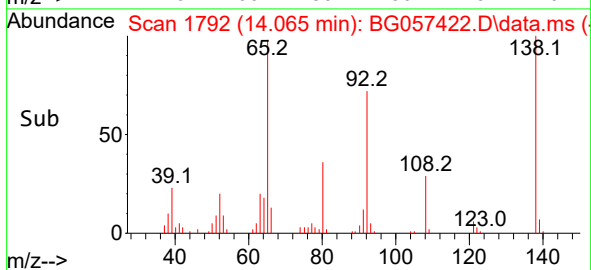
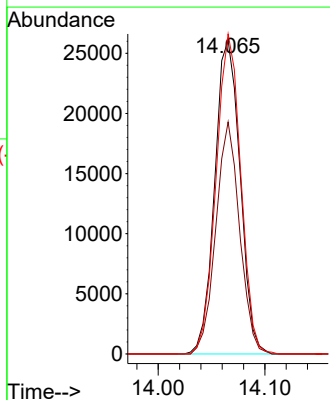
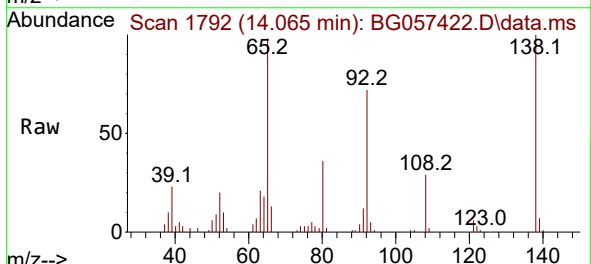
Manual Integrations
APPROVED

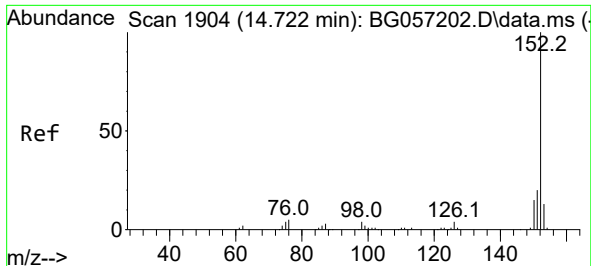
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#48
2-Nitroaniline
Concen: 39.599 ng
RT: 14.065 min Scan# 1792
Delta R.T. 0.004 min
Lab File: BG057422.D
Acq: 13 May 2023 1:13

Tgt Ion: 65 Resp: 43009
Ion Ratio Lower Upper
65 100
92 74.0 52.1 78.1
138 102.1 75.3 112.9





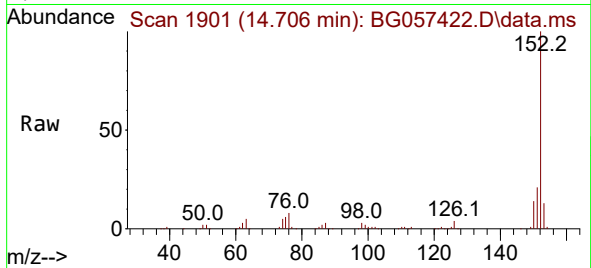
#49
Acenaphthylene
Concen: 39.931 ng
RT: 14.706 min Scan# 1901
Delta R.T. -0.002 min
Lab File: BG057422.D
Acq: 13 May 2023 1:13

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

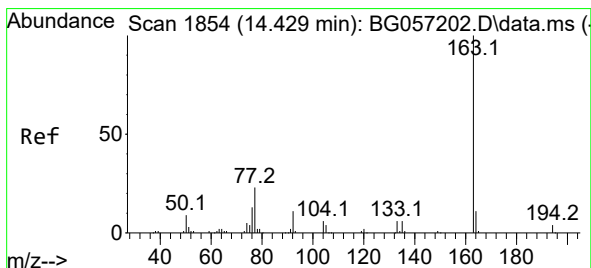
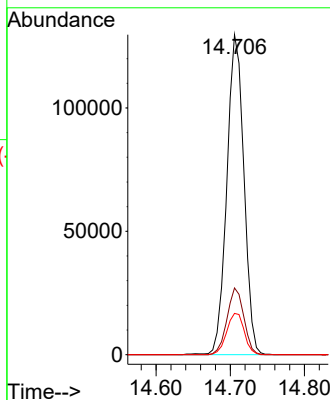
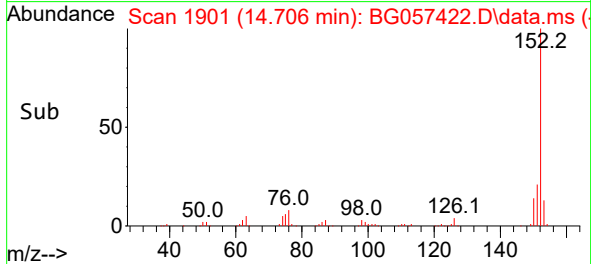


Tgt Ion:152 Resp: 20721
Ion Ratio Lower Upper
152 100
151 20.9 16.0 24.0
153 12.9 10.7 16.1

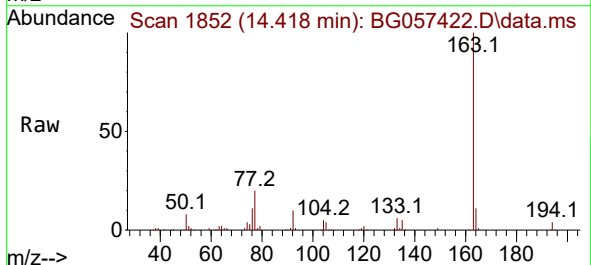
Manual Integrations

APPROVED

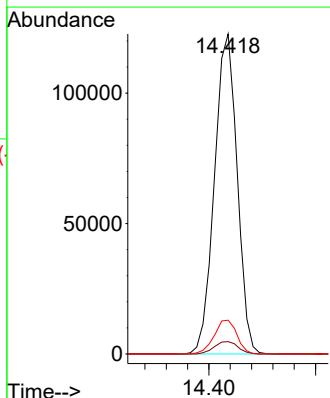
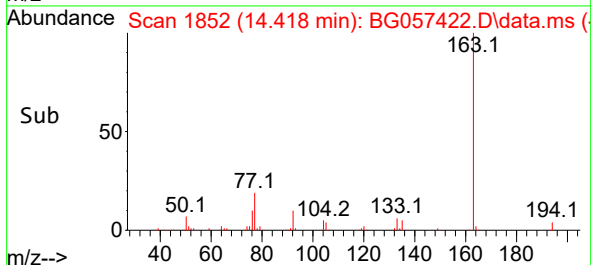
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

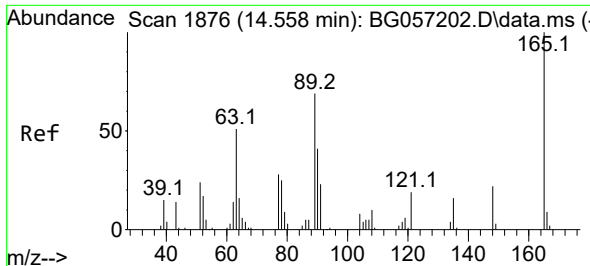


#50
Dimethylphthalate
Concen: 38.054 ng
RT: 14.418 min Scan# 1852
Delta R.T. 0.004 min
Lab File: BG057422.D
Acq: 13 May 2023 1:13



Tgt Ion:163 Resp: 181021
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.2
164 10.6 8.8 13.2





#51
2,6-Dinitrotoluene
Concen: 40.765 ng
RT: 14.547 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG057422.D
Acq: 13 May 2023 1:13

Instrument :

BNA_G

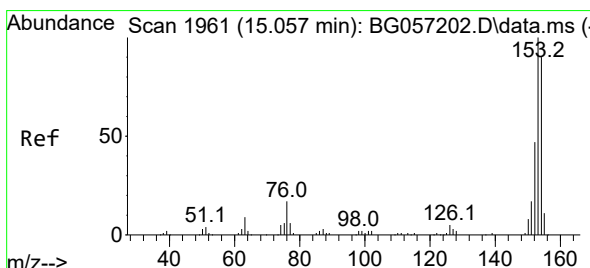
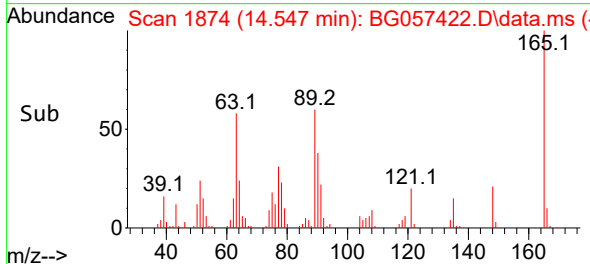
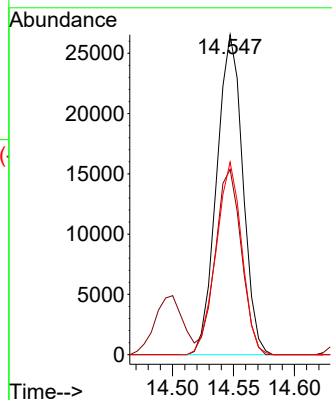
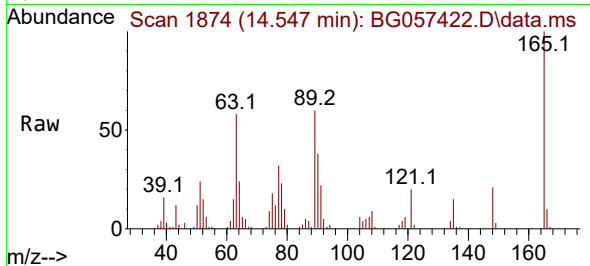
ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 3959
Ion Ratio Lower Upper
165 100
63 57.9 50.9 76.3
89 60.2 55.2 82.8

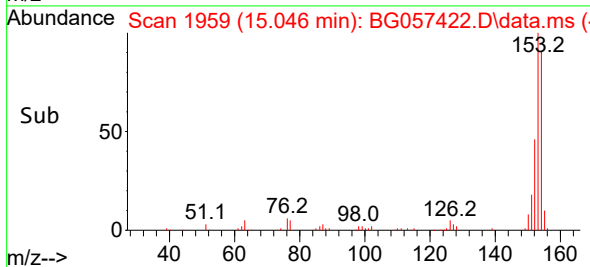
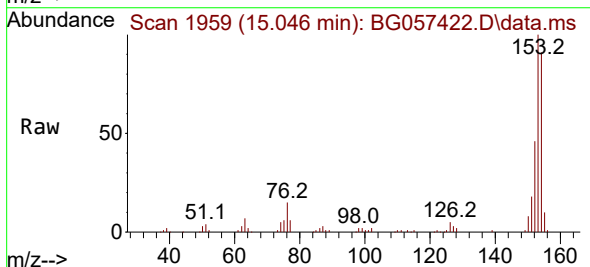
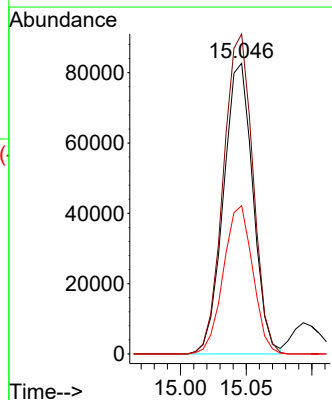
Manual Integrations
APPROVED

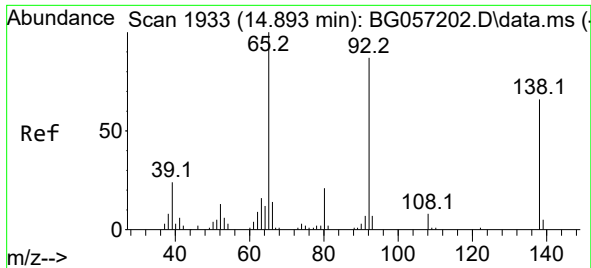
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#52
Acenaphthene
Concen: 39.765 ng
RT: 15.046 min Scan# 1959
Delta R.T. 0.004 min
Lab File: BG057422.D
Acq: 13 May 2023 1:13

Tgt Ion:154 Resp: 128949
Ion Ratio Lower Upper
154 100
153 110.1 89.3 133.9
152 51.0 41.7 62.5





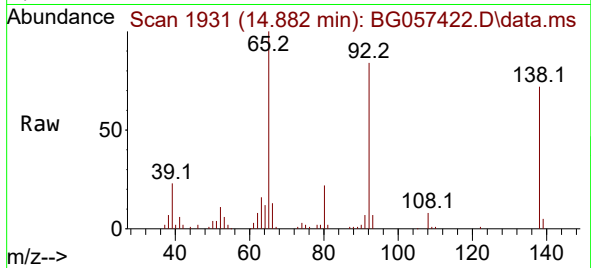
#53
3-Nitroaniline
Concen: 41.128 ng
RT: 14.882 min Scan# 1931
Delta R.T. -0.002 min
Lab File: BG057422.D
Acq: 13 May 2023 1:13

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

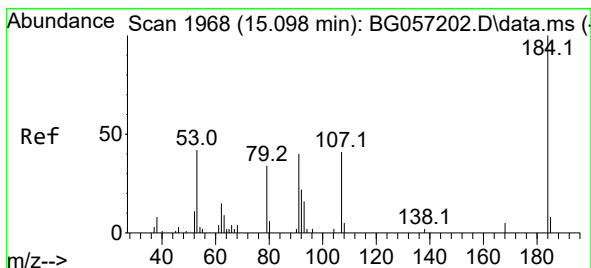
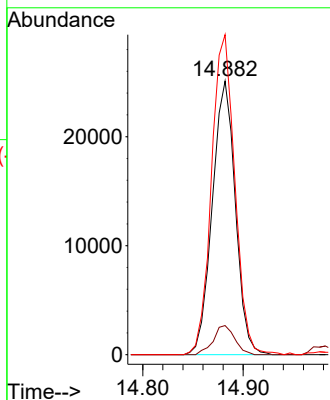
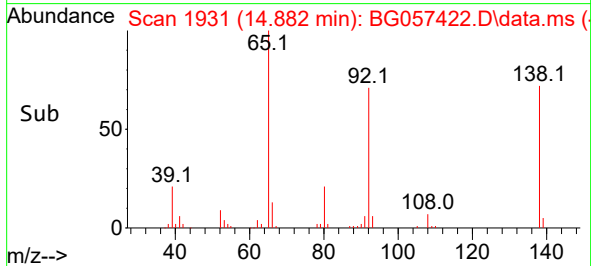


Tgt Ion:138 Resp: 40018
Ion Ratio Lower Upper
138 100
108 10.7 9.5 14.3
92 117.0 106.2 159.4

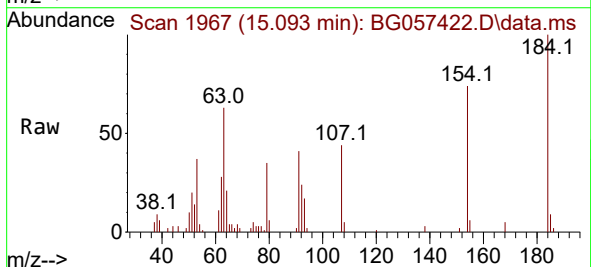
Manual Integrations

APPROVED

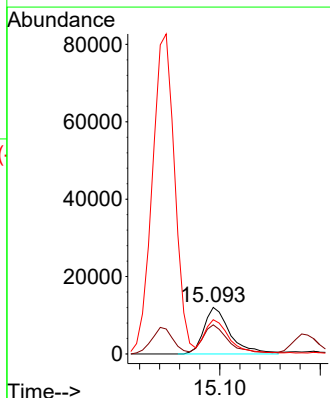
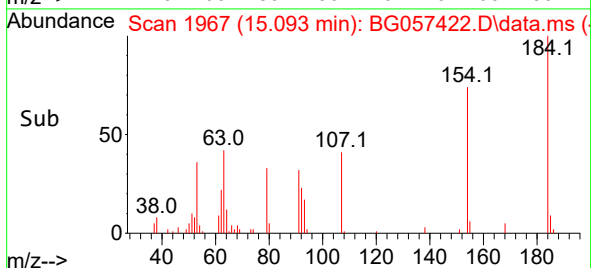
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

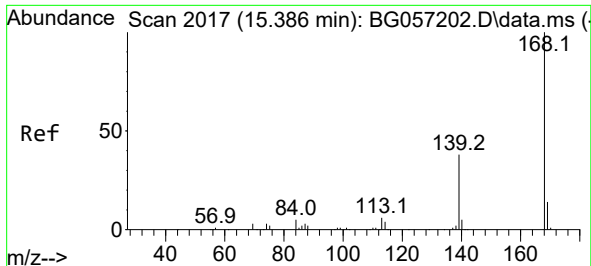


#54
2,4-Dinitrophenol
Concen: 39.023 ng
RT: 15.093 min Scan# 1967
Delta R.T. -0.002 min
Lab File: BG057422.D
Acq: 13 May 2023 1:13



Tgt Ion:184 Resp: 21858
Ion Ratio Lower Upper
184 100
63 62.5 48.2 72.4
154 73.6 55.4 83.2





#55
Dibenzenofuran
Concen: 39.492 ng
RT: 15.375 min Scan# 2015
Delta R.T. -0.002 min
Lab File: BG057422.D
Acq: 13 May 2023 1:13

Instrument :

BNA_G

ClientSampleId :

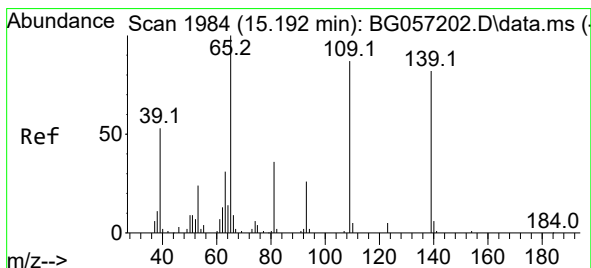
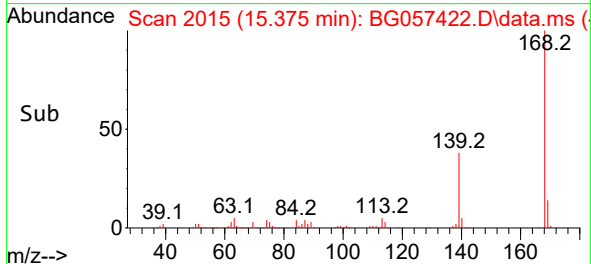
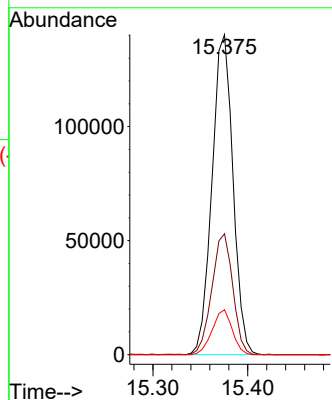
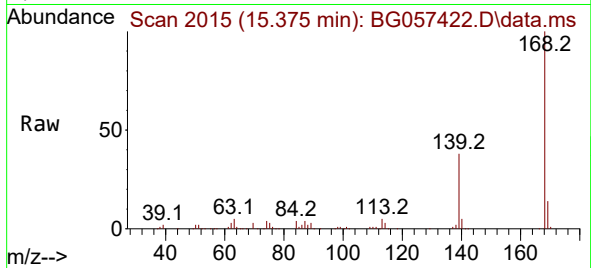
SSTDCCC040

Tgt Ion:168 Resp: 21517
Ion Ratio Lower Upper
168 100
139 37.8 30.7 46.1
169 14.0 10.9 16.3

Manual Integrations

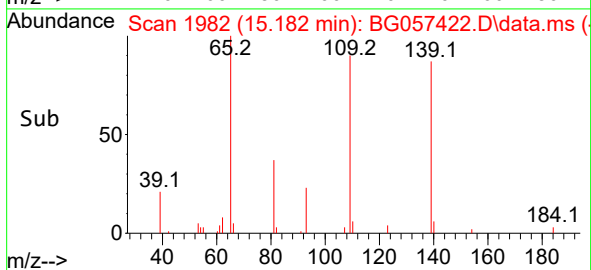
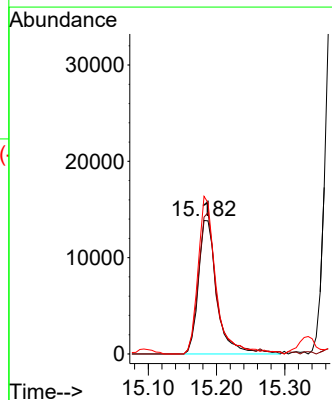
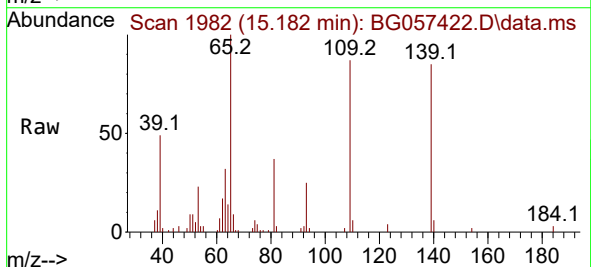
APPROVED

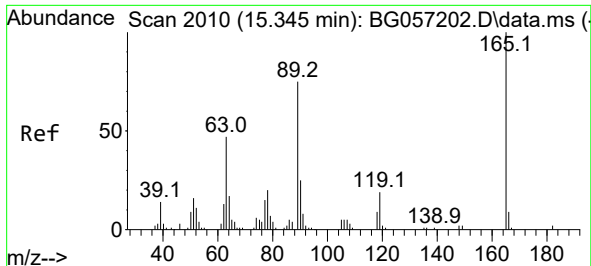
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#56
4-Nitrophenol
Concen: 40.473 ng
RT: 15.182 min Scan# 1982
Delta R.T. -0.002 min
Lab File: BG057422.D
Acq: 13 May 2023 1:13

Tgt Ion:139 Resp: 26192
Ion Ratio Lower Upper
139 100
109 102.5 86.6 126.6
65 118.1 102.6 142.6





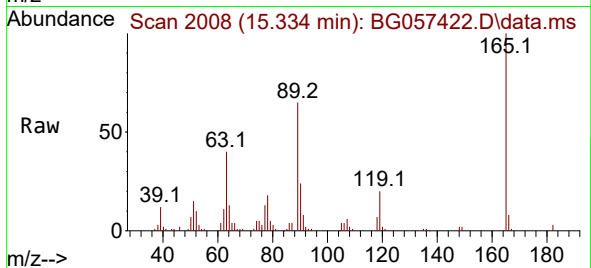
#57
2,4-Dinitrotoluene
Concen: 42.093 ng
RT: 15.334 min Scan# 2010
Delta R.T. -0.002 min
Lab File: BG057422.D
Acq: 13 May 2023 1:13

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

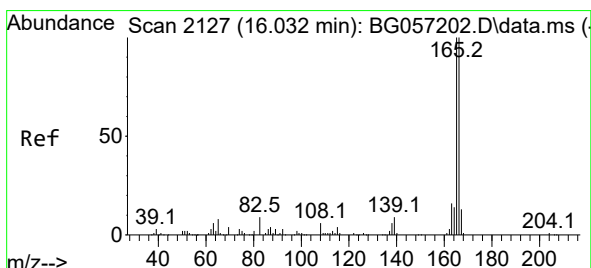
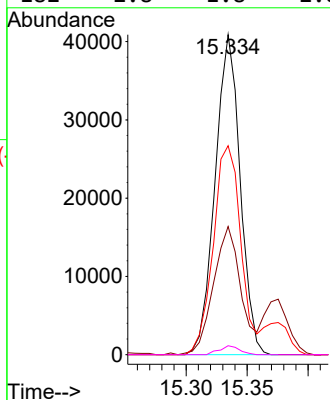
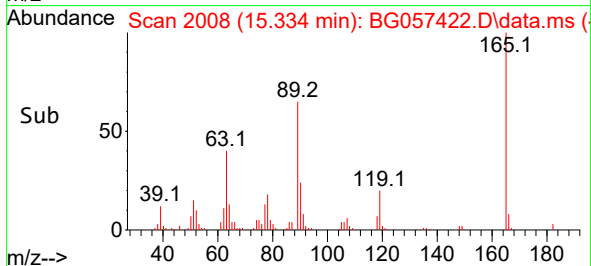


Tgt Ion:165 Resp: 58429
Ion Ratio Lower Upper
165 100
63 40.1 37.5 56.3
89 65.3 60.2 90.4
182 2.8 1.8 2.8#

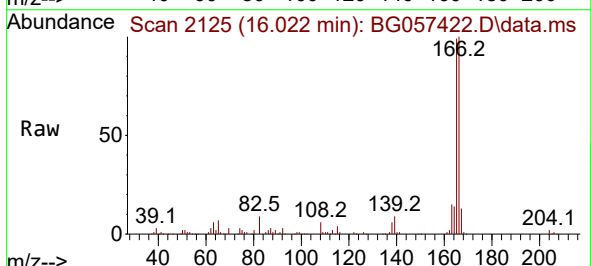
Manual Integrations

APPROVED

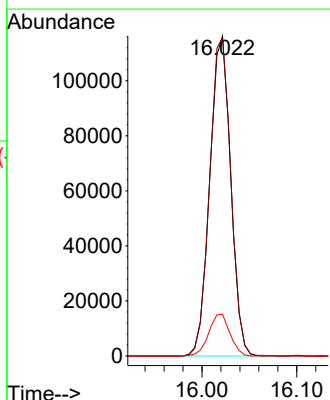
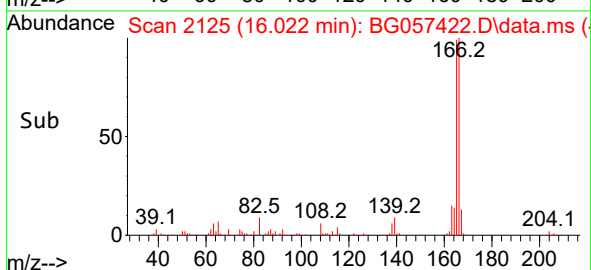
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

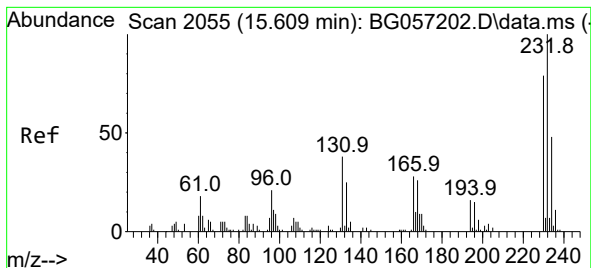


#58
Fluorene
Concen: 39.681 ng
RT: 16.022 min Scan# 2125
Delta R.T. -0.002 min
Lab File: BG057422.D
Acq: 13 May 2023 1:13



Tgt Ion:166 Resp: 178084
Ion Ratio Lower Upper
166 100
165 99.5 80.1 120.1
167 13.1 10.2 15.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.781 ng
RT: 15.599 min Scan# 2053
Delta R.T. -0.002 min
Lab File: BG057422.D
Acq: 13 May 2023 1:13

Instrument :

BNA_G

ClientSampleId :

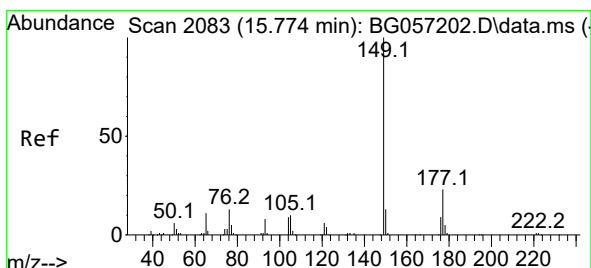
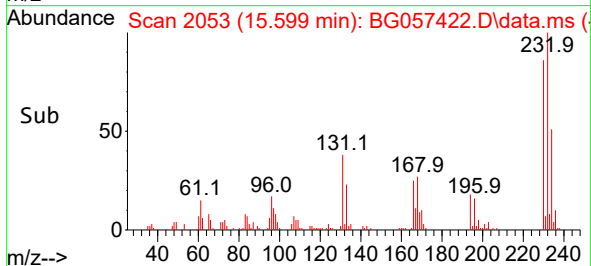
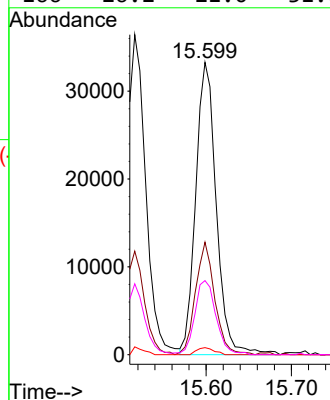
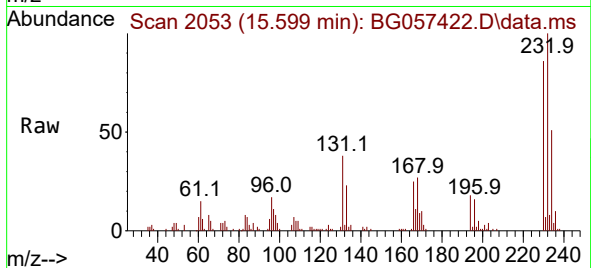
SSTDCCC040

Tgt Ion:232 Resp: 5578
Ion Ratio Lower Upper
232 100
131 36.0 28.6 42.8
130 2.0 1.6 2.4
166 26.2 21.0 31.6

Manual Integrations

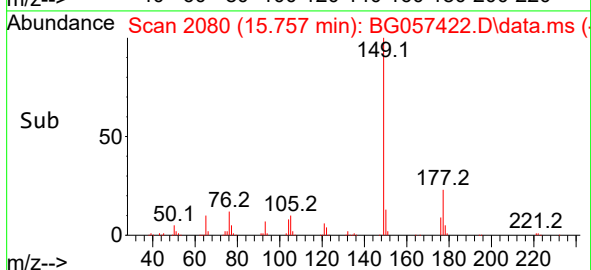
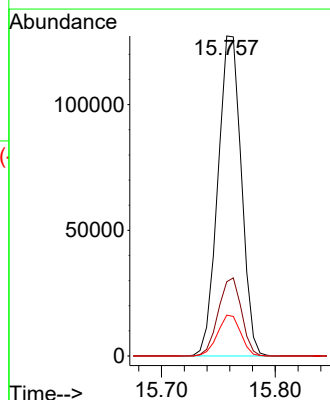
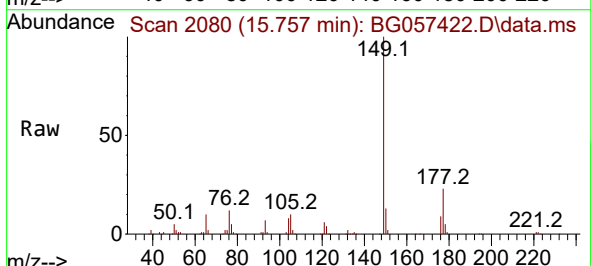
APPROVED

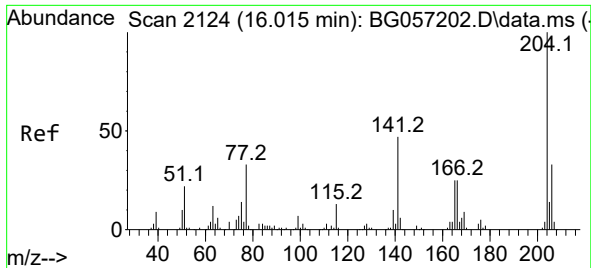
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#60
Diethylphthalate
Concen: 37.828 ng
RT: 15.757 min Scan# 2080
Delta R.T. -0.002 min
Lab File: BG057422.D
Acq: 13 May 2023 1:13

Tgt Ion:149 Resp: 182742
Ion Ratio Lower Upper
149 100
177 23.2 18.3 27.5
150 12.8 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 39.495 ng
RT: 15.998 min Scan# 2120
Delta R.T. -0.002 min
Lab File: BG057422.D
Acq: 13 May 2023 1:13

Instrument :

BNA_G

ClientSampleId :

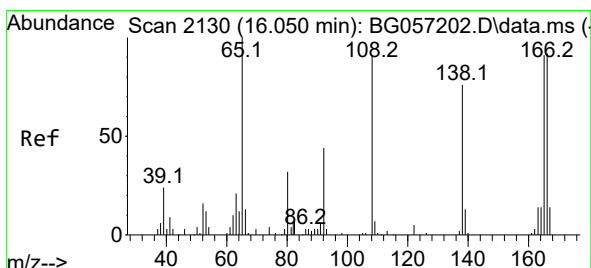
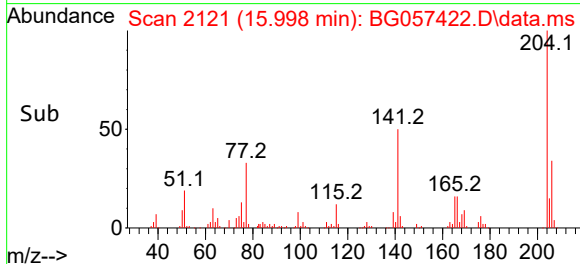
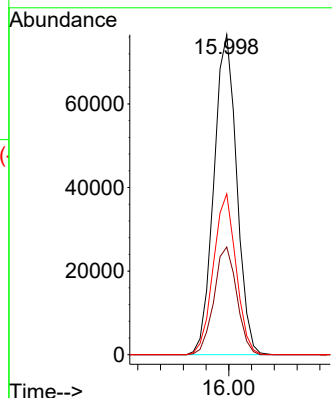
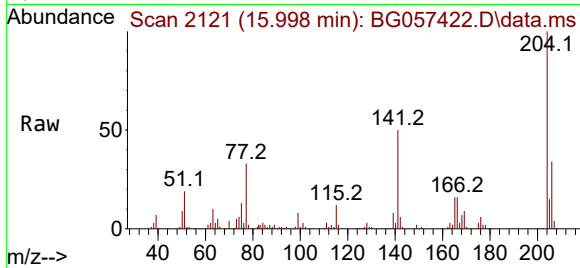
SSTDCCC040

Tgt Ion:204 Resp: 106779
Ion Ratio Lower Upper
204 100
206 33.7 26.5 39.7
141 50.2 37.4 56.0

Manual Integrations

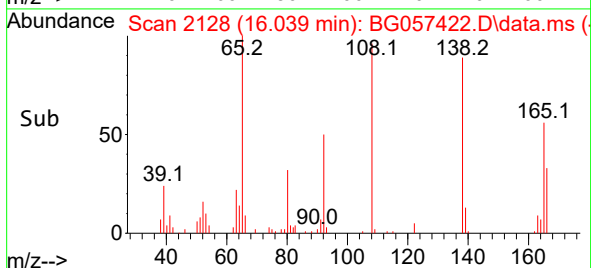
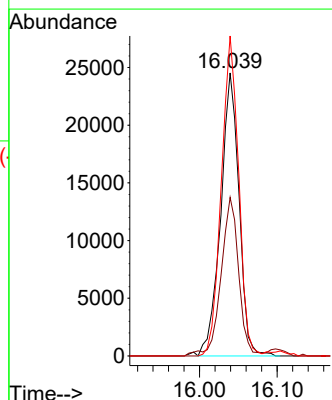
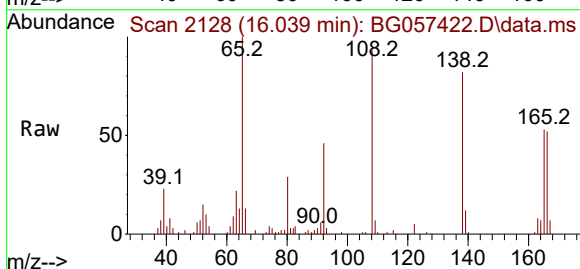
APPROVED

Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#62
4-Nitroaniline
Concen: 41.184 ng
RT: 16.039 min Scan# 2128
Delta R.T. -0.002 min
Lab File: BG057422.D
Acq: 13 May 2023 1:13

Tgt Ion:138 Resp: 40426
Ion Ratio Lower Upper
138 100
92 56.0 38.2 78.2
108 113.0 99.6 139.6





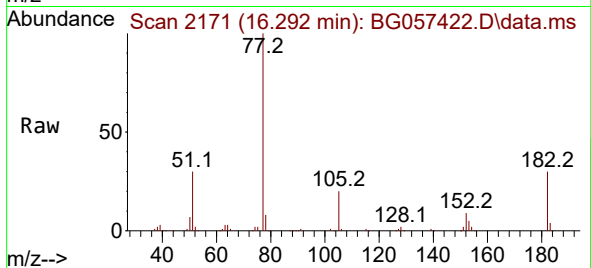
#63
Azobenzene
Concen: 36.327 ng
RT: 16.292 min Scan# 2174
Delta R.T. -0.002 min
Lab File: BG057422.D
Acq: 13 May 2023 1:13

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

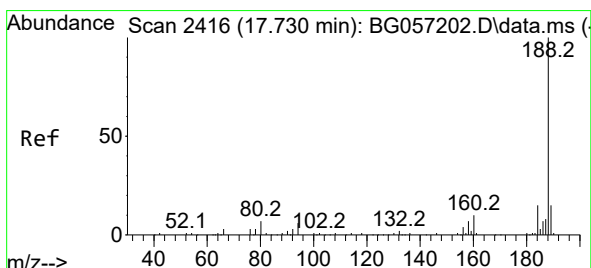
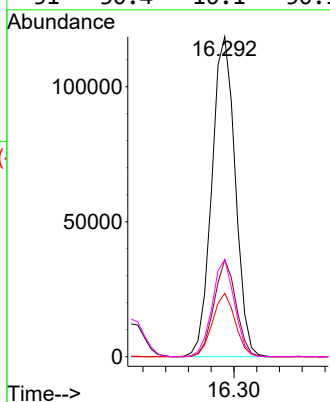
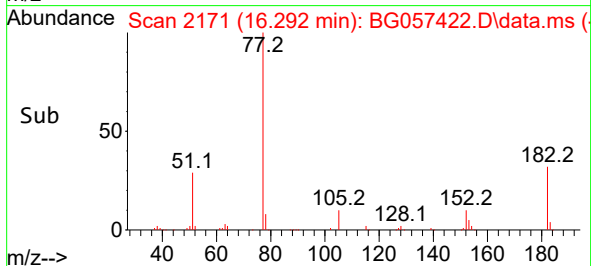


Tgt Ion: 77 Resp: 169325
Ion Ratio Lower Upper
77 100
182 30.3 7.4 47.4
105 19.8 0.0 37.2
51 30.4 10.1 50.1

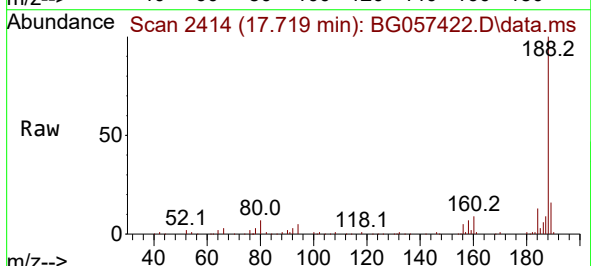
Manual Integrations

APPROVED

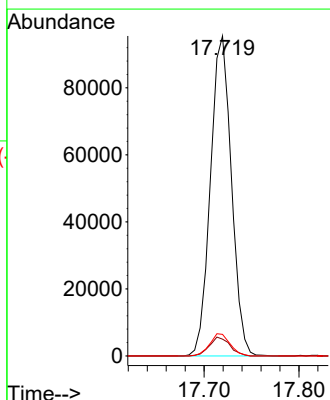
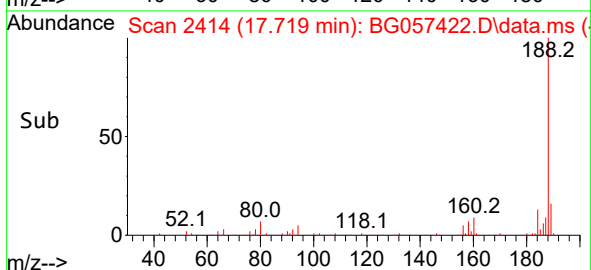
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

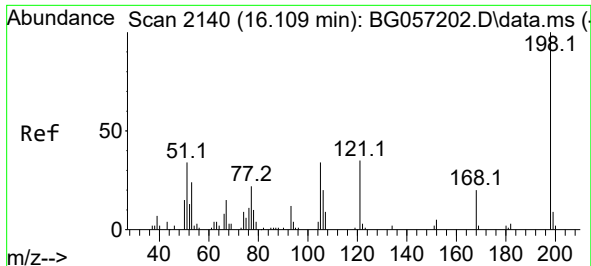


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.719 min Scan# 2414
Delta R.T. -0.002 min
Lab File: BG057422.D
Acq: 13 May 2023 1:13



Tgt Ion:188 Resp: 146558
Ion Ratio Lower Upper
188 100
94 5.2 5.1 7.7
80 6.7 5.7 8.5





#65
4,6-Dinitro-2-methylphenol
Concen: 44.064 ng
RT: 16.098 min Scan# 2138
Delta R.T. -0.002 min
Lab File: BG057422.D
Acq: 13 May 2023 1:13

Instrument :

BNA_G

ClientSampleId :

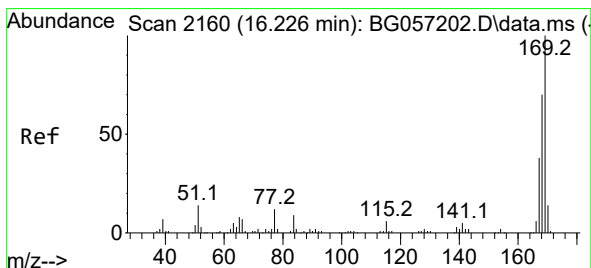
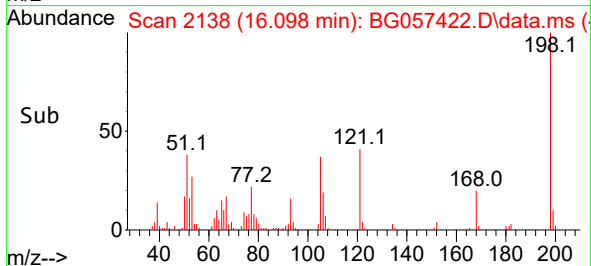
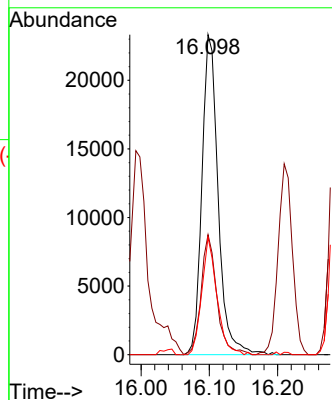
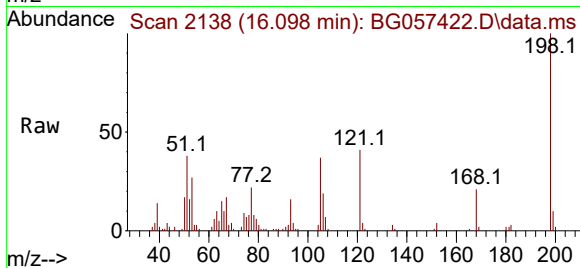
SSTDCCC040

Tgt Ion:198 Resp: 38550
Ion Ratio Lower Upper
198 100
51 37.5 16.1 56.1
105 36.7 14.0 54.0

Manual Integrations

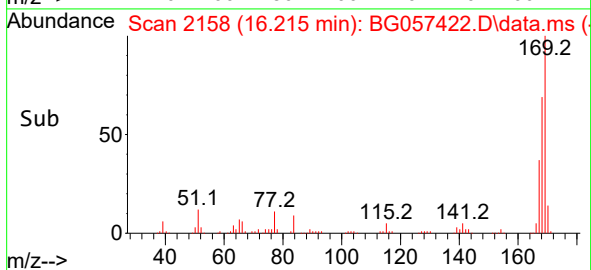
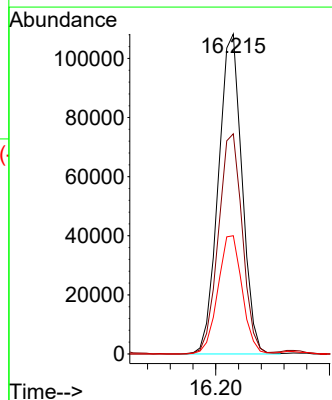
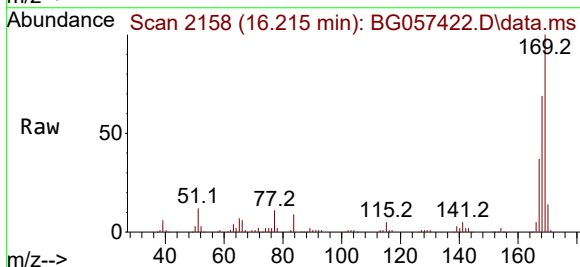
APPROVED

Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#66
n-Nitrosodiphenylamine
Concen: 39.327 ng
RT: 16.215 min Scan# 2158
Delta R.T. 0.004 min
Lab File: BG057422.D
Acq: 13 May 2023 1:13

Tgt Ion:169 Resp: 156540
Ion Ratio Lower Upper
169 100
168 68.8 56.2 84.4
167 37.0 30.2 45.4





#67
4-Bromophenyl-phenylether
Concen: 39.821 ng
RT: 16.891 min Scan# 211
Delta R.T. -0.002 min
Lab File: BG057422.D
Acq: 13 May 2023 1:13

Instrument :

BNA_G

ClientSampleId :

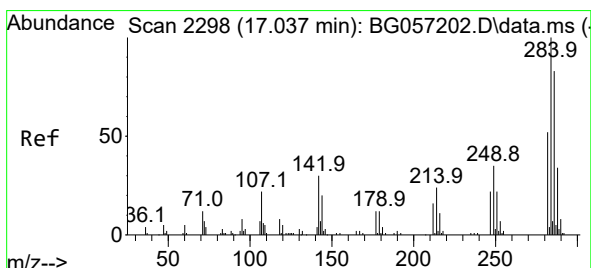
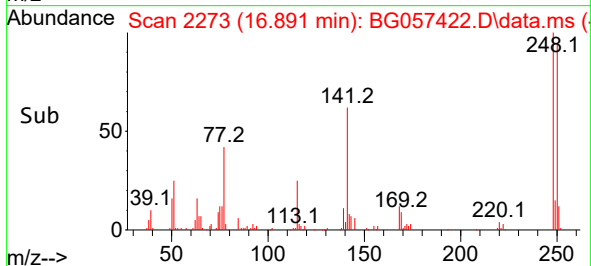
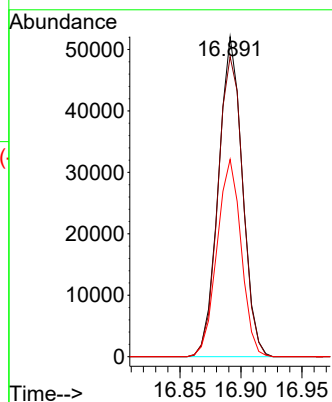
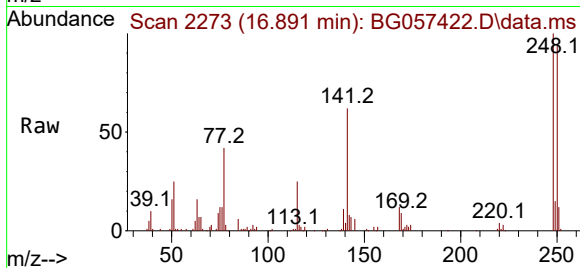
SSTDCCC040

Tgt Ion:248 Resp: 7124
Ion Ratio Lower Upper
248 100
250 93.8 77.0 115.6
141 61.7 48.6 72.8

Manual Integrations

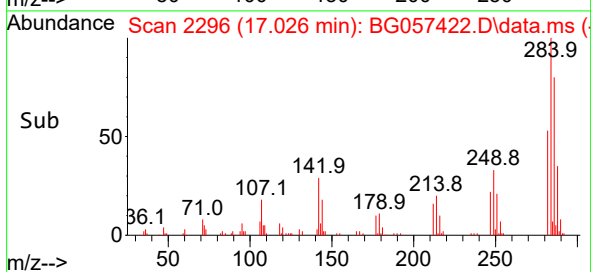
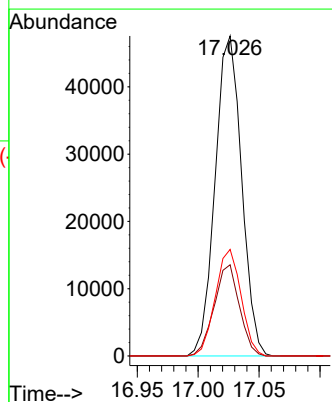
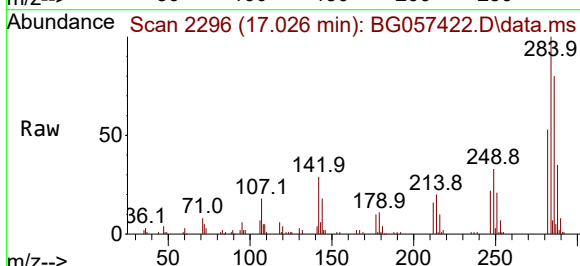
APPROVED

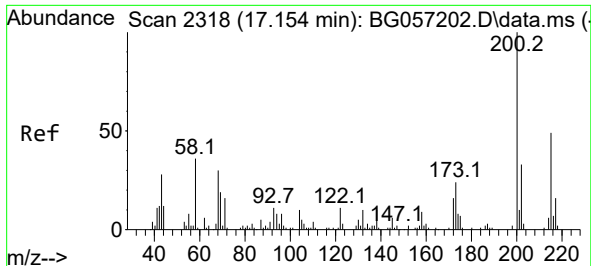
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#68
Hexachlorobenzene
Concen: 41.310 ng
RT: 17.026 min Scan# 2296
Delta R.T. -0.002 min
Lab File: BG057422.D
Acq: 13 May 2023 1:13

Tgt Ion:284 Resp: 71822
Ion Ratio Lower Upper
284 100
142 28.5 23.9 35.9
249 33.3 27.7 41.5





#69
 Atrazine
 Concen: 40.193 ng
 RT: 17.144 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG057422.D
 Acq: 13 May 2023 1:13

Instrument :

BNA_G

ClientSampleId :

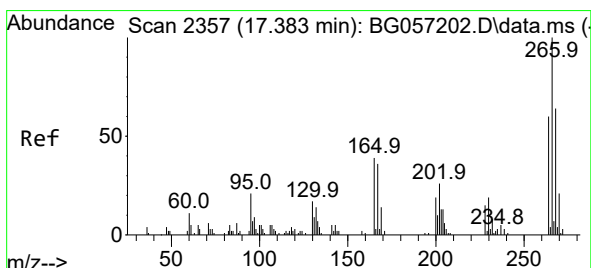
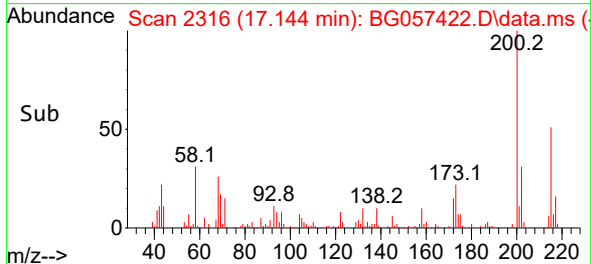
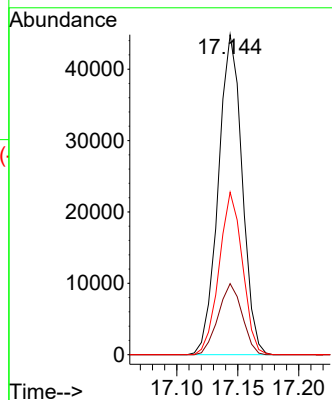
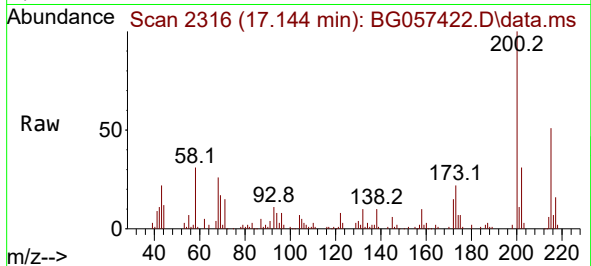
SSTDCCC040

Tgt Ion:200 Resp: 6103
 Ion Ratio Lower Upper
 200 100
 173 22.2 4.3 44.3
 215 50.8 29.3 69.3

Manual Integrations

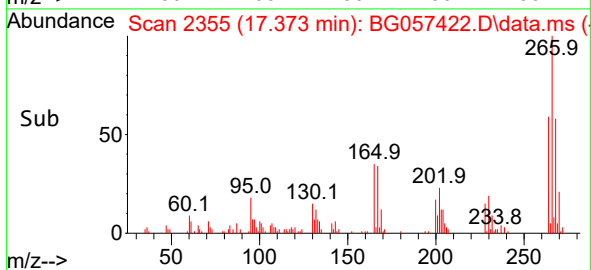
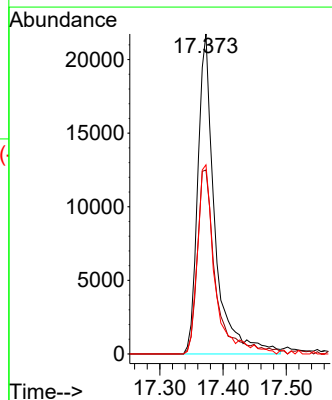
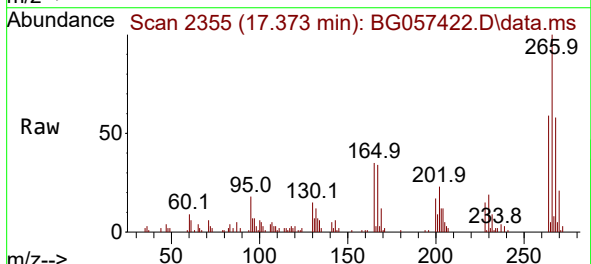
APPROVED

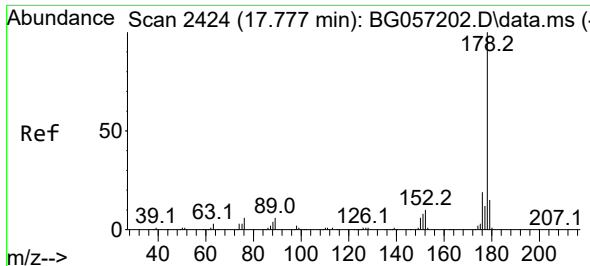
Reviewed By :Christian Giraldo 05/15/2023
 Supervised By :Yogesh Patel 05/16/2023



#70
 Pentachlorophenol
 Concen: 40.701 ng
 RT: 17.373 min Scan# 2355
 Delta R.T. -0.002 min
 Lab File: BG057422.D
 Acq: 13 May 2023 1:13

Tgt Ion:266 Resp: 40782
 Ion Ratio Lower Upper
 266 100
 268 57.5 51.0 76.6
 264 59.1 47.8 71.6





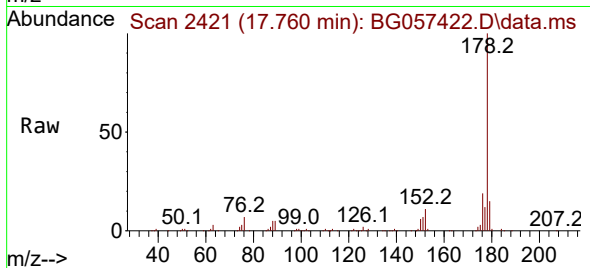
#71
Phenanthrene
Concen: 39.143 ng
RT: 17.760 min Scan# 2424
Delta R.T. -0.002 min
Lab File: BG057422.D
Acq: 13 May 2023 1:13

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

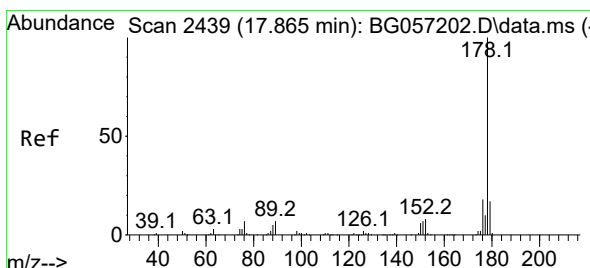
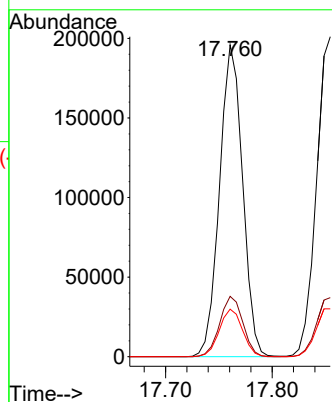
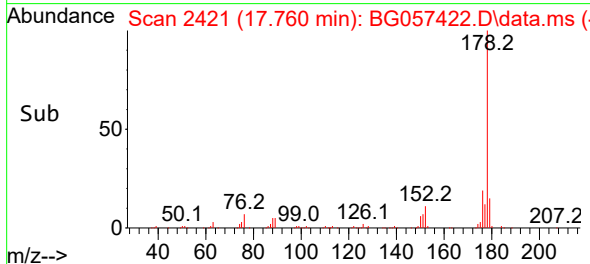


Tgt Ion:178 Resp: 29395
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.2 12.3 18.5

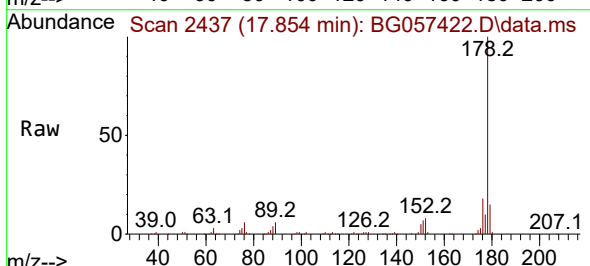
Manual Integrations

APPROVED

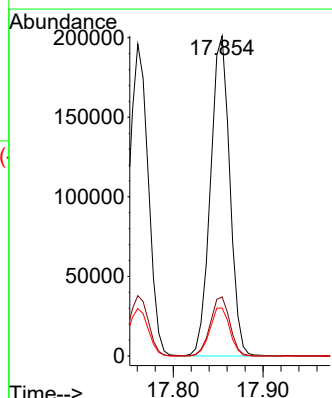
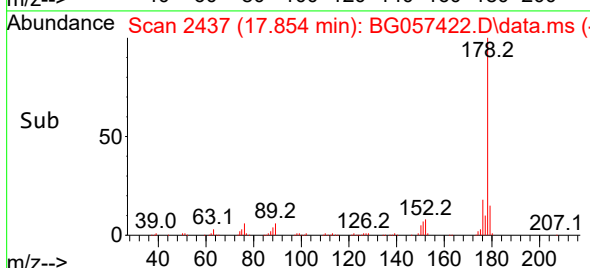
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

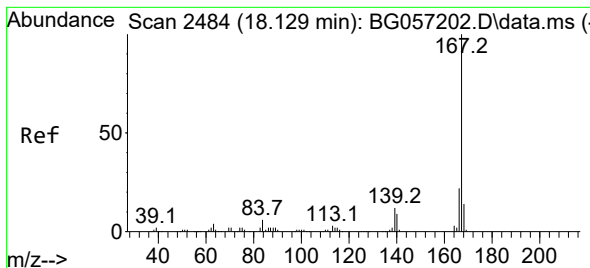


#72
Anthracene
Concen: 38.967 ng
RT: 17.854 min Scan# 2437
Delta R.T. 0.004 min
Lab File: BG057422.D
Acq: 13 May 2023 1:13



Tgt Ion:178 Resp: 300269
Ion Ratio Lower Upper
178 100
176 18.4 14.7 22.1
179 15.0 13.2 19.8





#73

Carbazole

Concen: 39.179 ng

RT: 18.119 min Scan# 24

Delta R.T. -0.002 min

Lab File: BG057422.D

Acq: 13 May 2023 1:13

Instrument :

BNA_G

ClientSampleId :

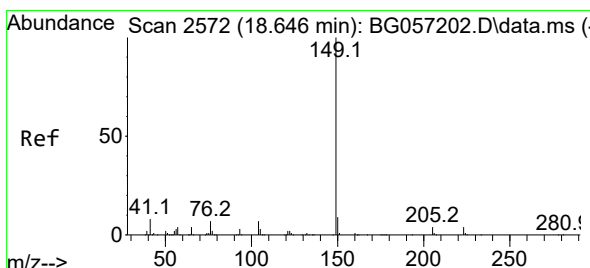
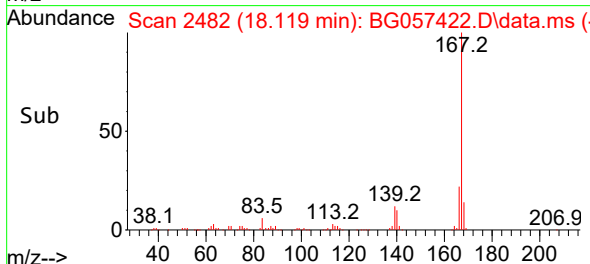
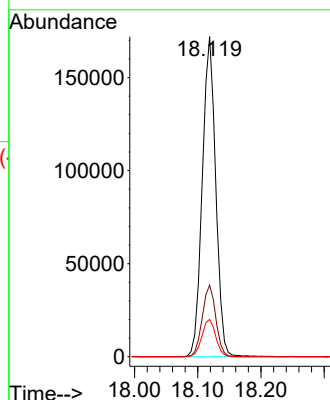
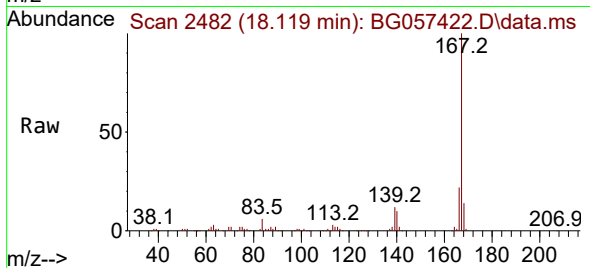
SSTDCCC040

Tgt Ion:167	Resp: 254164
Ion Ratio	Lower Upper
167 100	
166 22.3	17.4 26.0
139 11.7	9.6 14.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#74

Di-n-butylphthalate

Concen: 40.214 ng

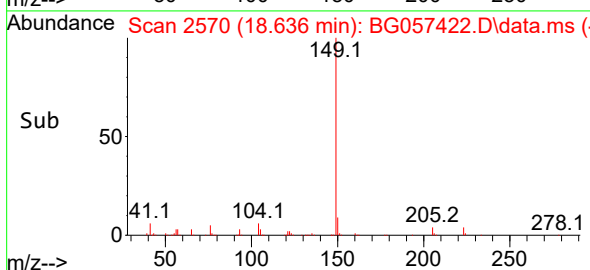
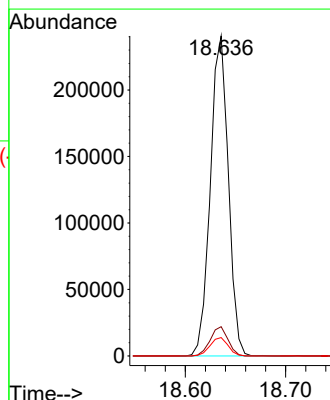
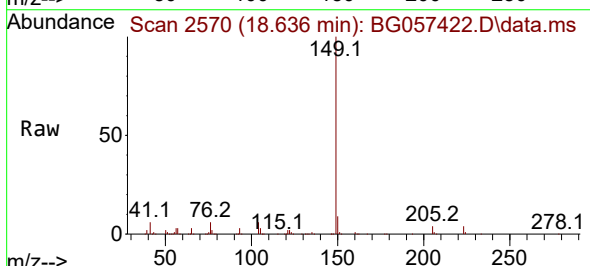
RT: 18.636 min Scan# 2570

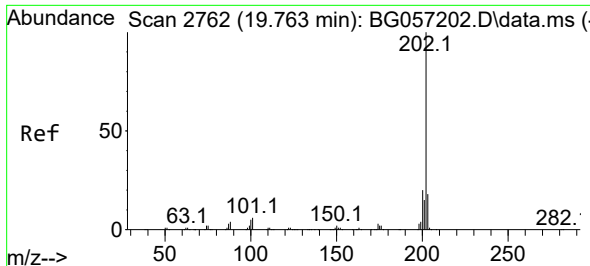
Delta R.T. -0.002 min

Lab File: BG057422.D

Acq: 13 May 2023 1:13

Tgt Ion:149	Resp: 300154
Ion Ratio	Lower Upper
149 100	
150 9.2	7.3 10.9
104 5.8	5.4 8.2





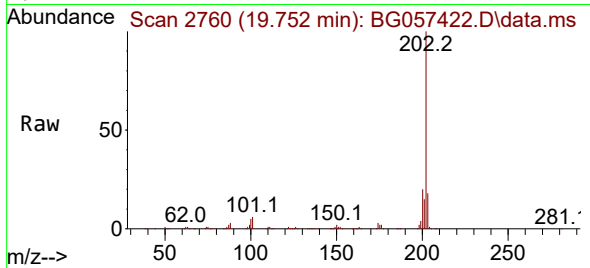
#75
Fluoranthene
Concen: 39.439 ng
RT: 19.752 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG057422.D
Acq: 13 May 2023 1:13

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

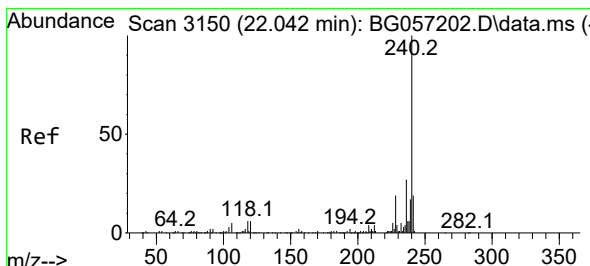
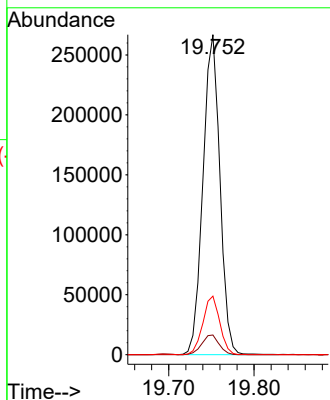
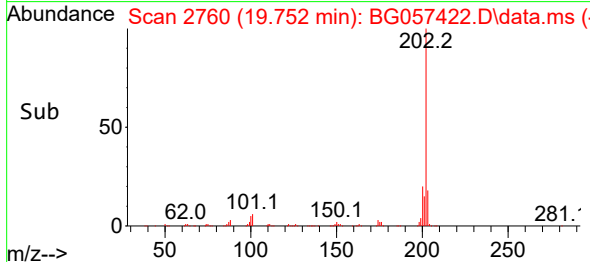


Tgt Ion:202 Resp: 368378
Ion Ratio Lower Upper
202 100
101 6.2 0.0 26.2
203 18.3 0.0 37.9

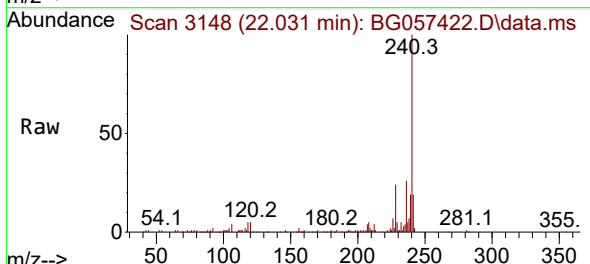
Manual Integrations

APPROVED

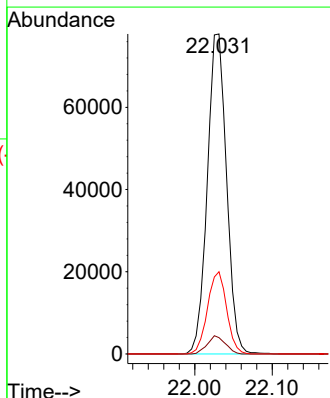
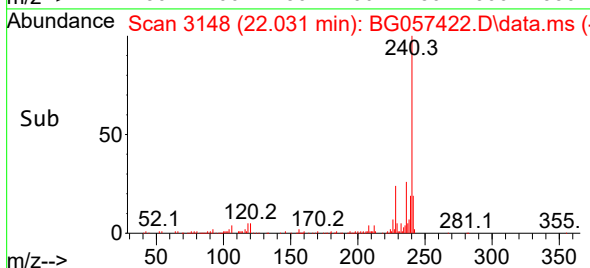
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

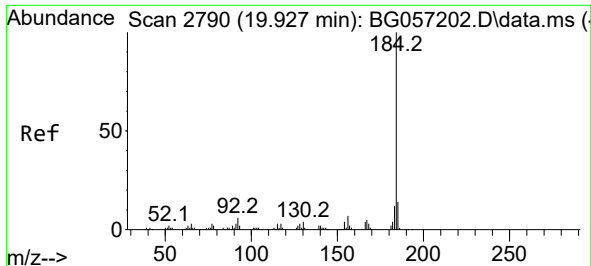


#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.031 min Scan# 3148
Delta R.T. -0.002 min
Lab File: BG057422.D
Acq: 13 May 2023 1:13



Tgt Ion:240 Resp: 134340
Ion Ratio Lower Upper
240 100
120 5.1 4.9 7.3
236 25.7 21.4 32.2





#77
Benzidine
Concen: 37.781 ng
RT: 19.916 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG057422.D
Acq: 13 May 2023 1:13

Instrument :

BNA_G

ClientSampleId :

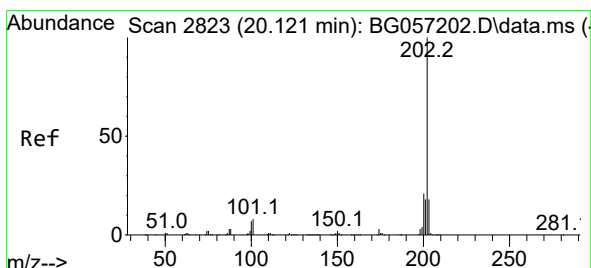
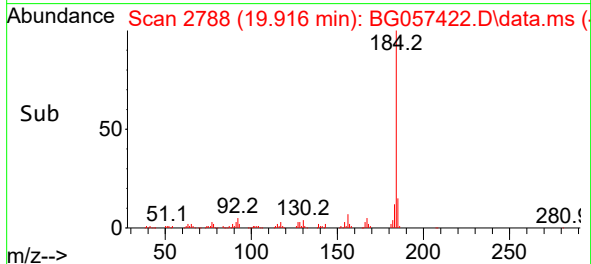
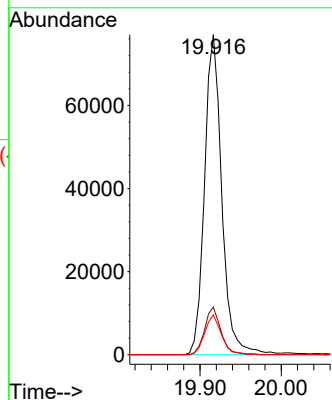
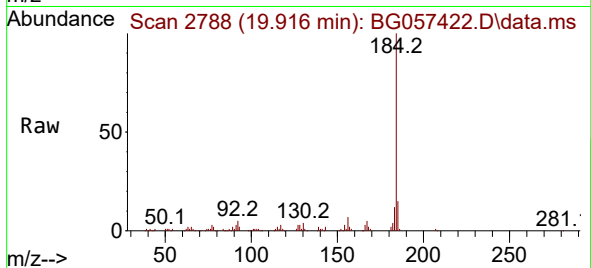
SSTDCCC040

Tgt Ion:184 Resp: 11347
Ion Ratio Lower Upper
184 100
185 14.9 11.1 16.7
183 12.5 9.9 14.9

Manual Integrations

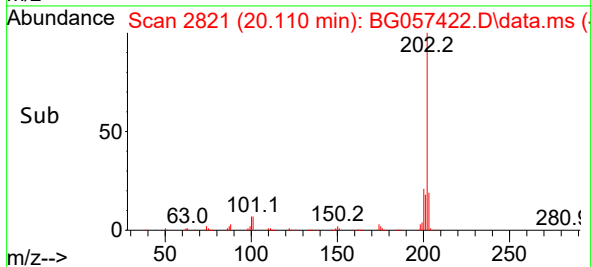
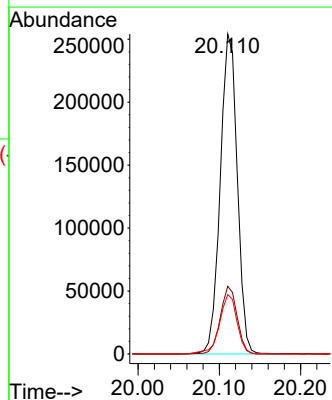
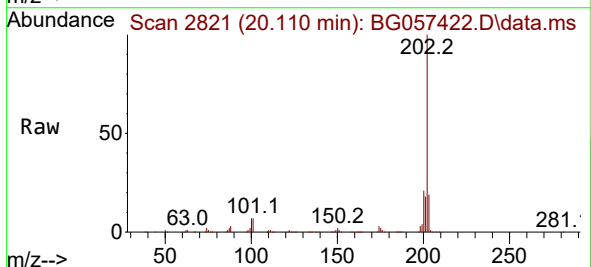
APPROVED

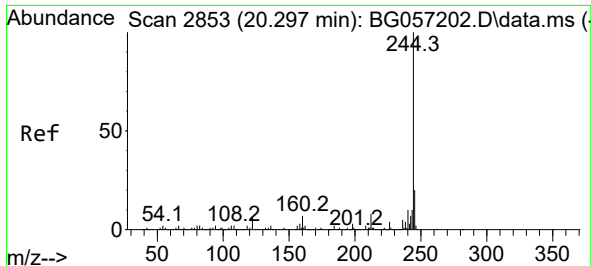
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#78
Pyrene
Concen: 37.923 ng
RT: 20.110 min Scan# 2821
Delta R.T. -0.002 min
Lab File: BG057422.D
Acq: 13 May 2023 1:13

Tgt Ion:202 Resp: 370200
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 18.6 14.2 21.4





#79
 Terphenyl-d14
 Concen: 75.479 ng
 RT: 20.286 min Scan# 2853
 Delta R.T. -0.002 min
 Lab File: BG057422.D
 Acq: 13 May 2023 1:13

Instrument :

BNA_G

ClientSampleId :

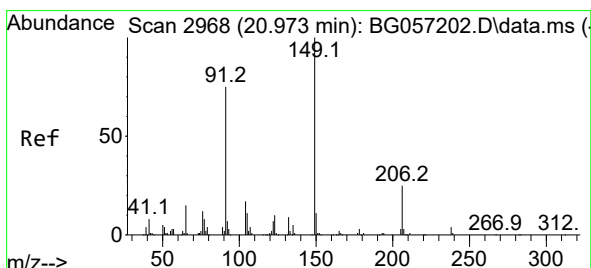
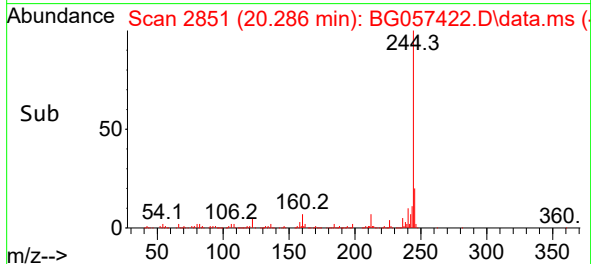
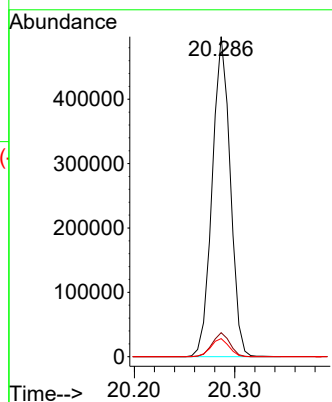
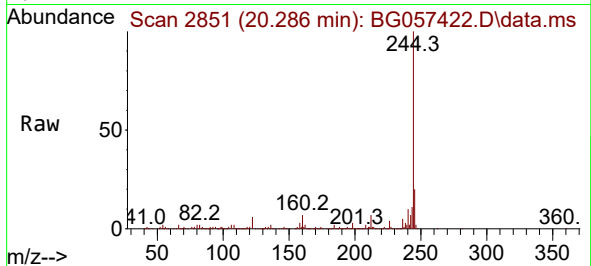
SSTDCCC040

Tgt Ion:244 Resp: 621340
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 5.7 5.1 7.7

Manual Integrations

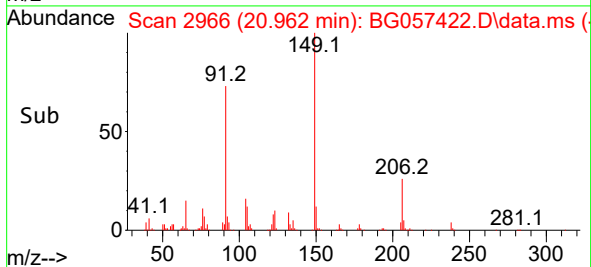
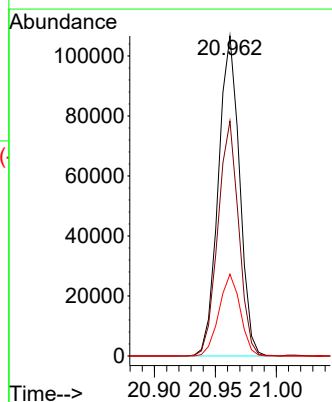
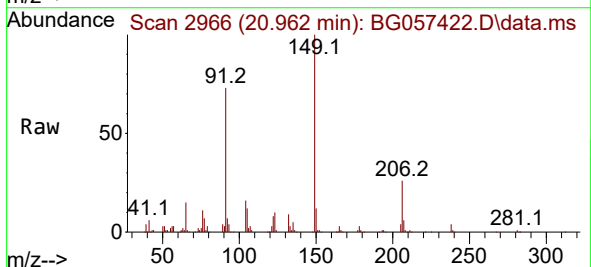
APPROVED

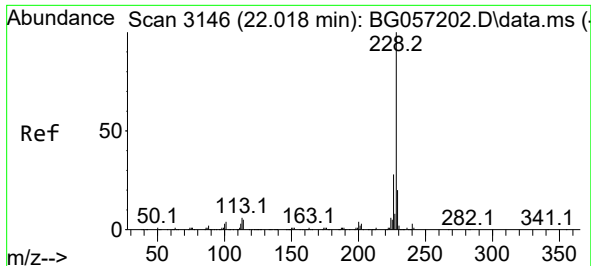
Reviewed By :Christian Giraldo 05/15/2023
 Supervised By :Yogesh Patel 05/16/2023



#80
 Butylbenzylphthalate
 Concen: 41.687 ng
 RT: 20.962 min Scan# 2966
 Delta R.T. -0.002 min
 Lab File: BG057422.D
 Acq: 13 May 2023 1:13

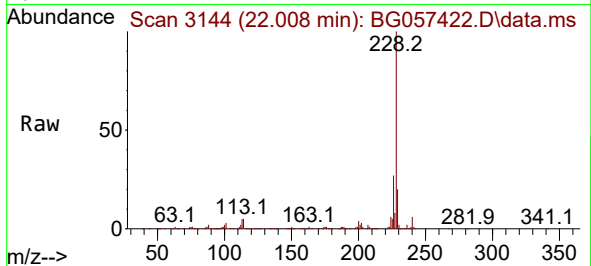
Tgt Ion:149 Resp: 129120
 Ion Ratio Lower Upper
 149 100
 91 73.4 59.7 89.5
 206 25.6 19.7 29.5





#81
Benzo(a)anthracene
Concen: 39.153 ng
RT: 22.008 min Scan# 3144
Delta R.T. -0.002 min
Lab File: BG057422.D
Acq: 13 May 2023 1:13

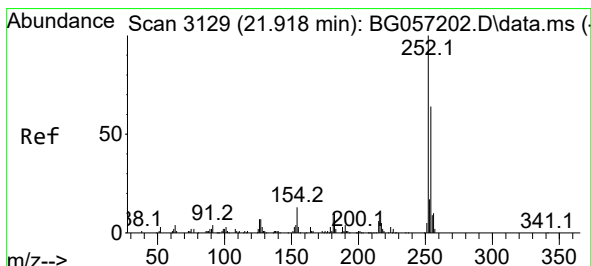
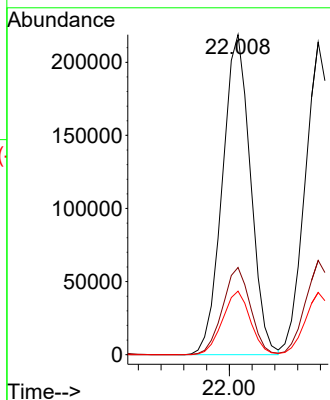
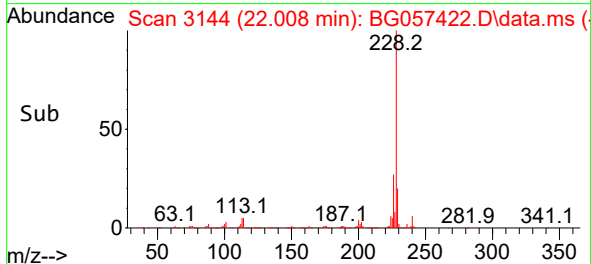
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



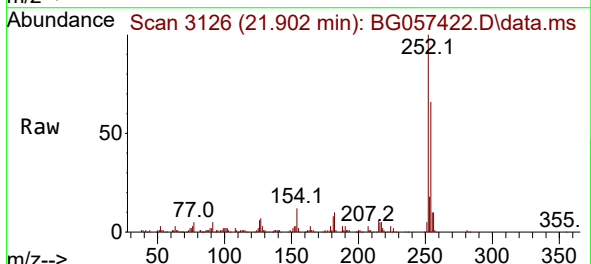
Tgt Ion:228 Resp: 37474
Ion Ratio Lower Upper
228 100
226 27.3 22.0 33.0
229 19.8 15.8 23.8

Manual Integrations
APPROVED

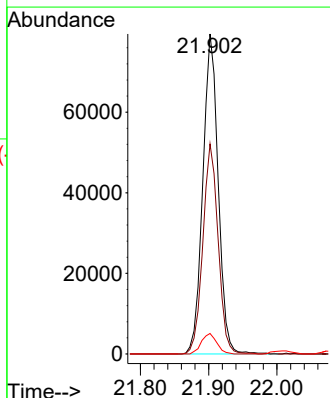
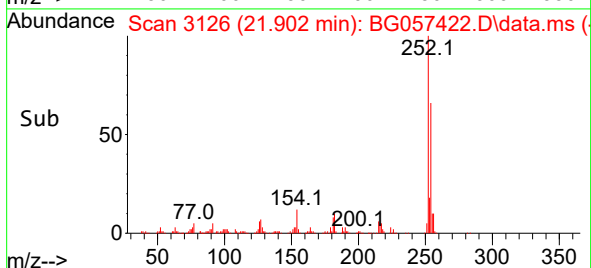
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

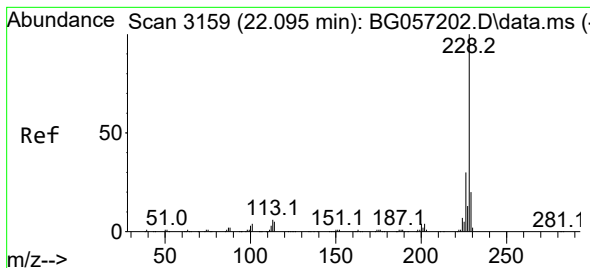


#82
3,3'-Dichlorobenzidine
Concen: 40.620 ng
RT: 21.902 min Scan# 3126
Delta R.T. -0.002 min
Lab File: BG057422.D
Acq: 13 May 2023 1:13



Tgt Ion:252 Resp: 124529
Ion Ratio Lower Upper
252 100
254 65.6 51.4 77.0
126 6.4 5.9 8.9





#83

Chrysene

Concen: 39.214 ng

RT: 22.078 min Scan# 3117

Delta R.T. -0.002 min

Lab File: BG057422.D

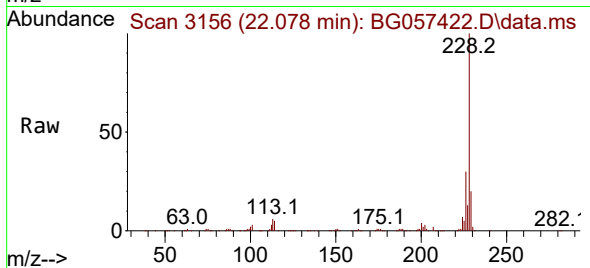
Acq: 13 May 2023 1:13

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



Tgt Ion:228 Resp: 353140

Ion Ratio Lower Upper

228 100

226 30.2 24.3 36.5

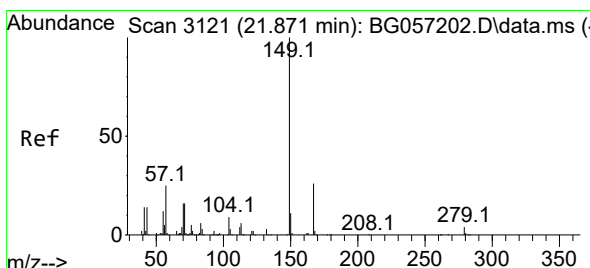
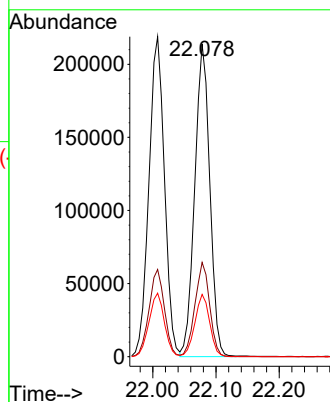
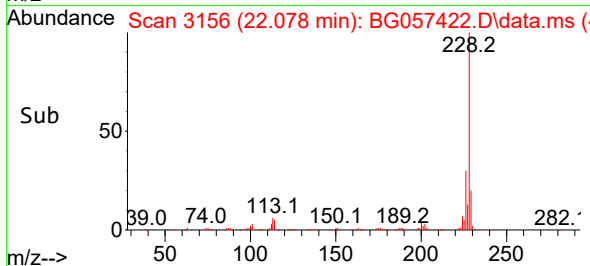
229 19.9 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/15/2023

Supervised By :Yogesh Patel 05/16/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.434 ng

RT: 21.849 min Scan# 3117

Delta R.T. -0.008 min

Lab File: BG057422.D

Acq: 13 May 2023 1:13

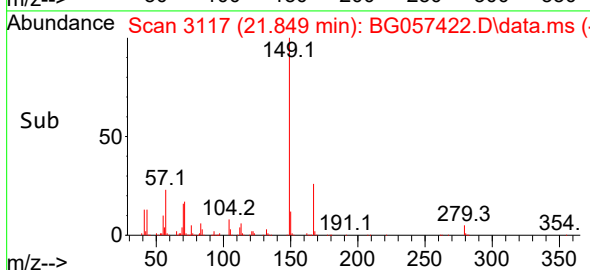
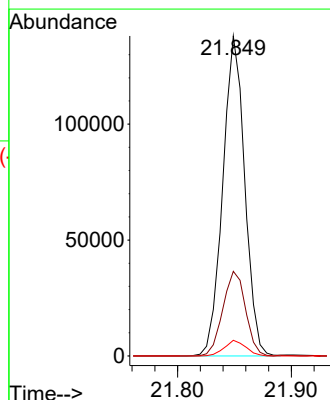
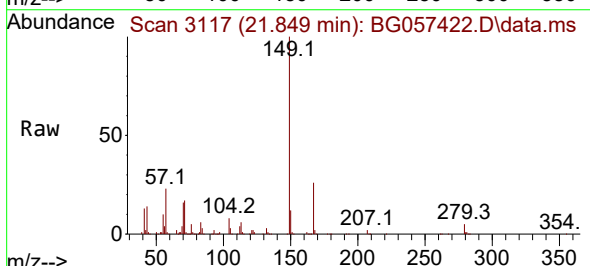
Tgt Ion:149 Resp: 185299

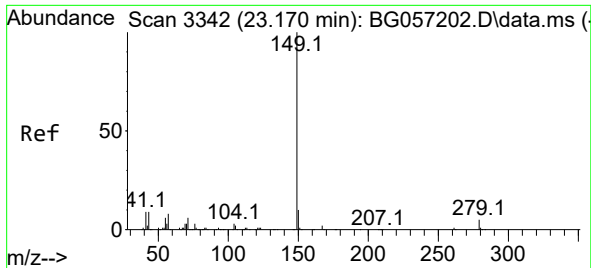
Ion Ratio Lower Upper

149 100

167 26.4 21.2 31.8

279 4.9 3.5 5.3





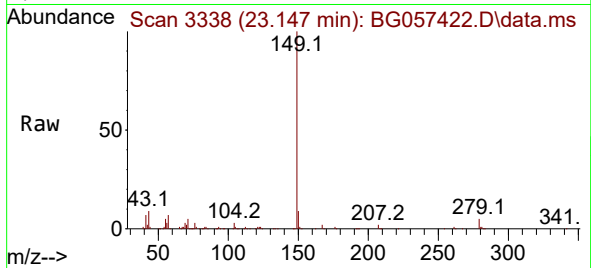
#85
Di-n-octyl phthalate
Concen: 41.243 ng
RT: 23.147 min Scan# 31
Delta R.T. -0.002 min
Lab File: BG057422.D
Acq: 13 May 2023 1:13

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

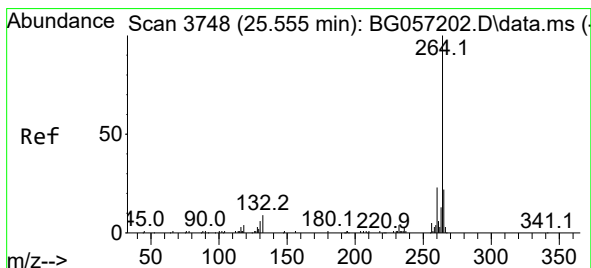
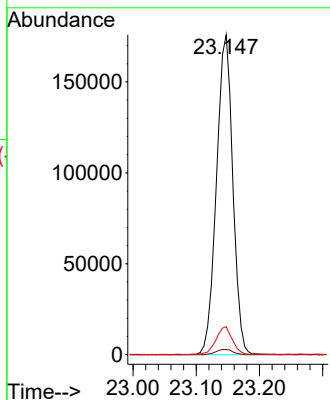
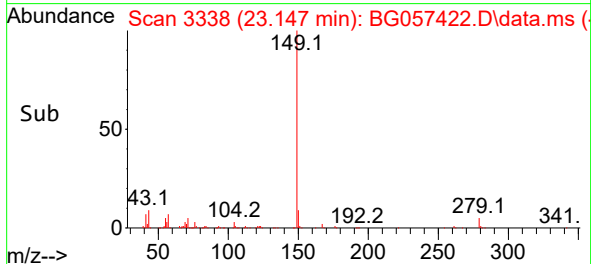


Tgt Ion:149 Resp: 31510
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.9 7.8 11.8

Manual Integrations

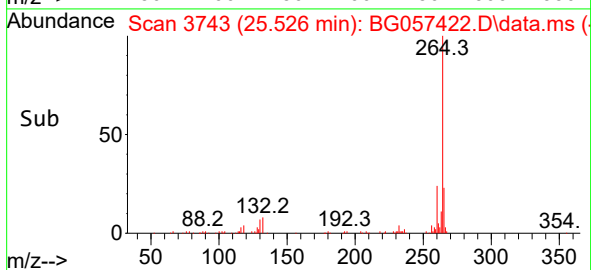
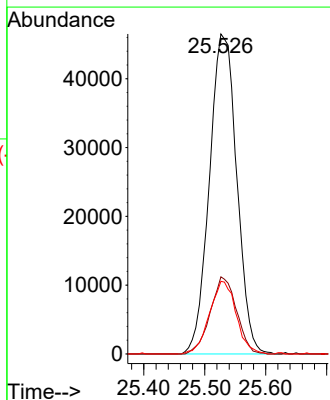
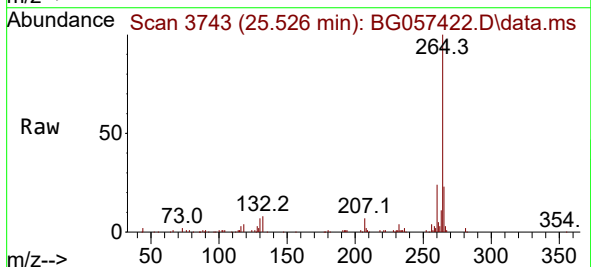
APPROVED

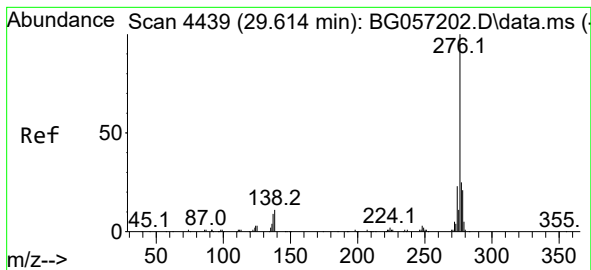
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.526 min Scan# 3743
Delta R.T. -0.008 min
Lab File: BG057422.D
Acq: 13 May 2023 1:13

Tgt Ion:264 Resp: 145050
Ion Ratio Lower Upper
264 100
260 24.1 18.8 28.2
265 22.7 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.894 ng

RT: 29.591 min Scan# 4435

Delta R.T. -0.008 min

Lab File: BG057422.D

Acq: 13 May 2023 1:13

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:276 Resp: 41116

Ion Ratio Lower Upper

276 100

138 0.0 5.4 8.0

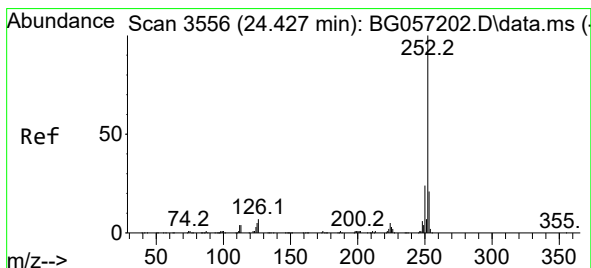
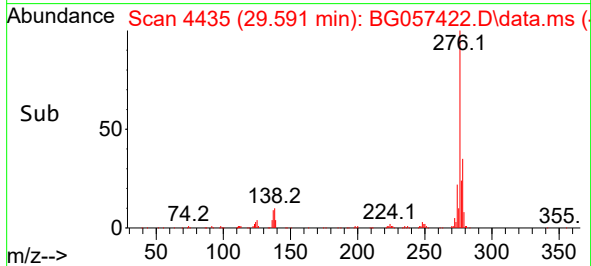
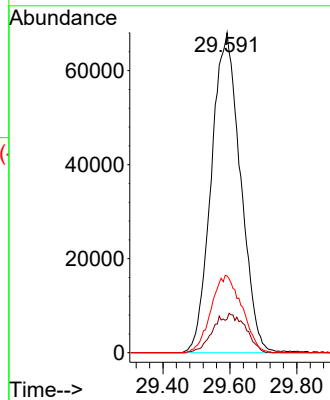
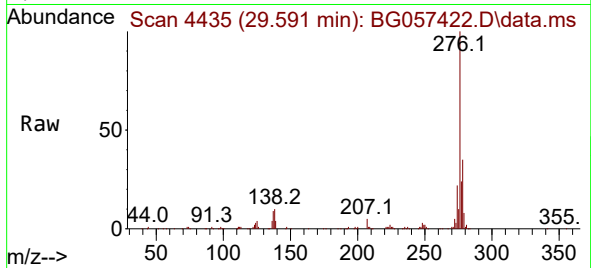
277 25.6 20.6 30.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/15/2023

Supervised By :Yogesh Patel 05/16/2023



#88

Benzo(b)fluoranthene

Concen: 38.442 ng

RT: 24.410 min Scan# 3553

Delta R.T. -0.002 min

Lab File: BG057422.D

Acq: 13 May 2023 1:13

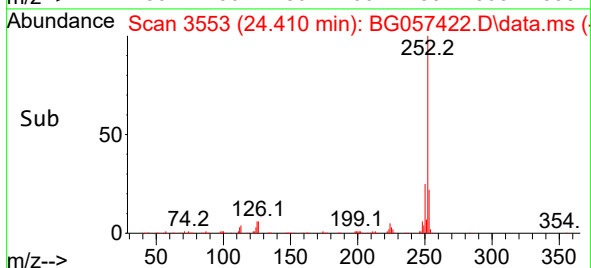
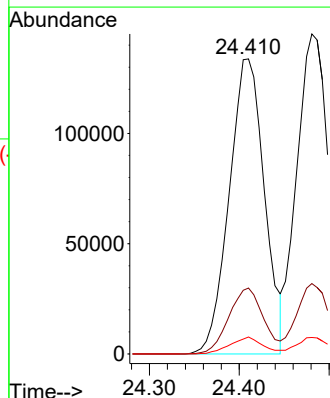
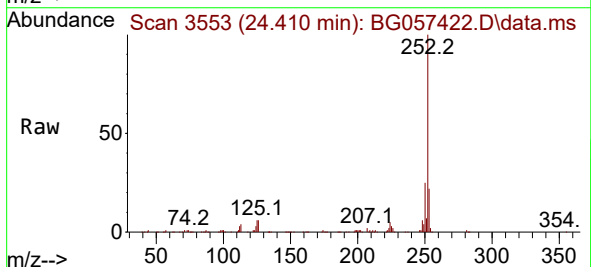
Tgt Ion:252 Resp: 364496

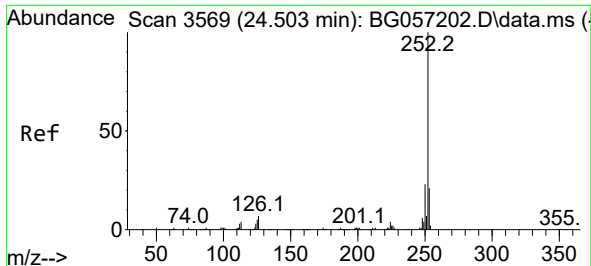
Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.6

125 5.8 4.2 6.2





#89

Benzo(k)fluoranthene

Concen: 37.673 ng

RT: 24.481 min Scan# 31

Delta R.T. -0.008 min

Lab File: BG057422.D

Acq: 13 May 2023 1:13

Instrument :

BNA_G

ClientSampleId :

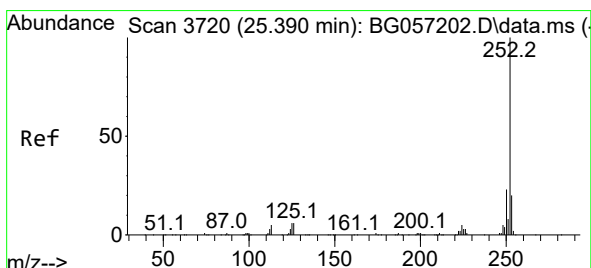
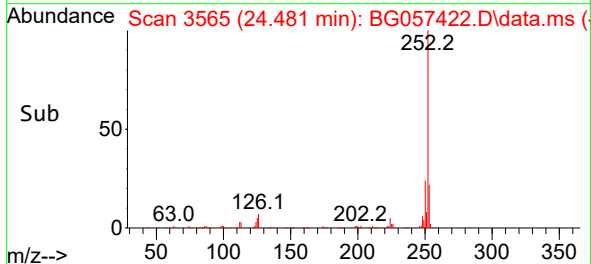
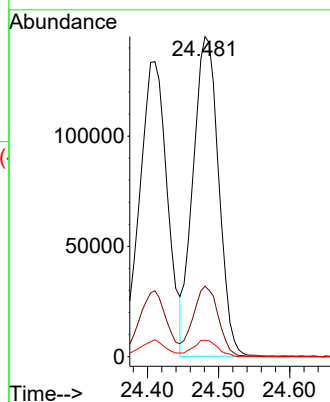
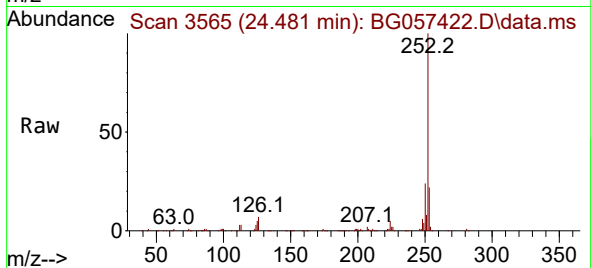
SSTDCCC040

Tgt Ion:252 Resp: 362985
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.4 26.0
 125 5.2 4.1 6.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/15/2023
 Supervised By :Yogesh Patel 05/16/2023



#90

Benzo(a)pyrene

Concen: 38.081 ng

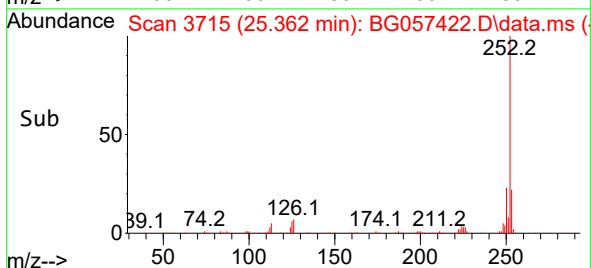
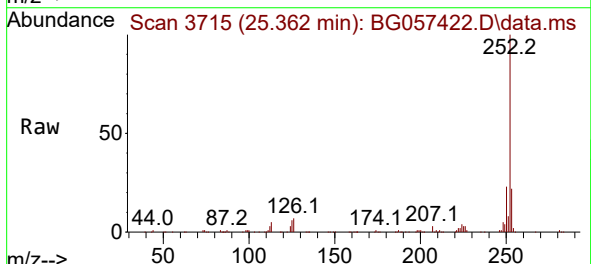
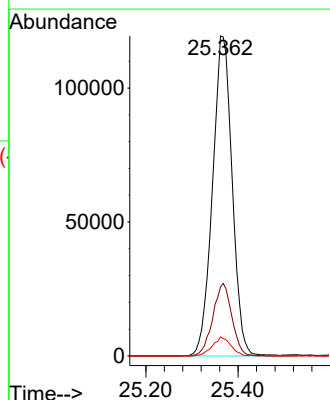
RT: 25.362 min Scan# 3715

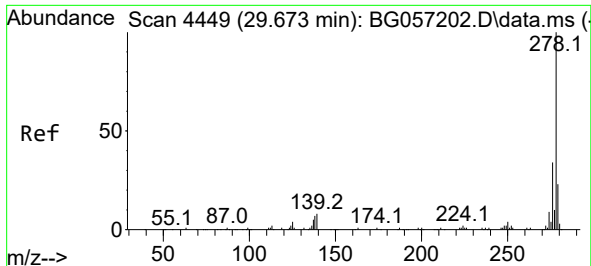
Delta R.T. -0.014 min

Lab File: BG057422.D

Acq: 13 May 2023 1:13

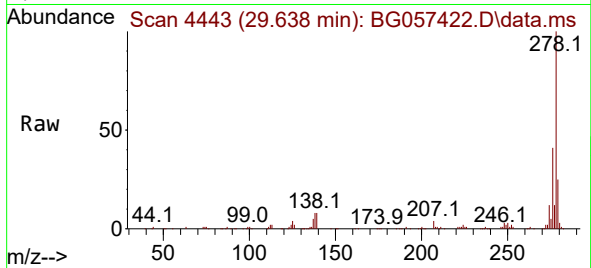
Tgt Ion:252 Resp: 352762
 Ion Ratio Lower Upper
 252 100
 253 21.6 16.3 24.5
 125 6.0 5.0 7.4





#91
Dibenzo(a,h)anthracene
Concen: 39.013 ng
RT: 29.638 min Scan# 4443
Delta R.T. -0.014 min
Lab File: BG057422.D
Acq: 13 May 2023 1:13

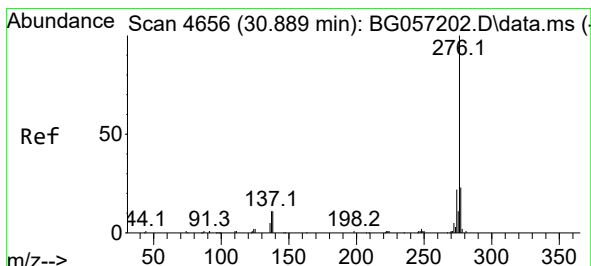
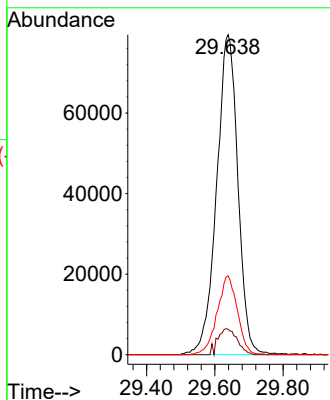
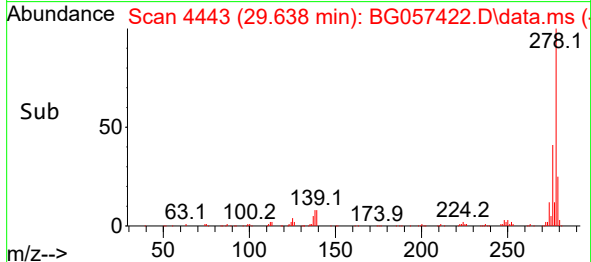
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



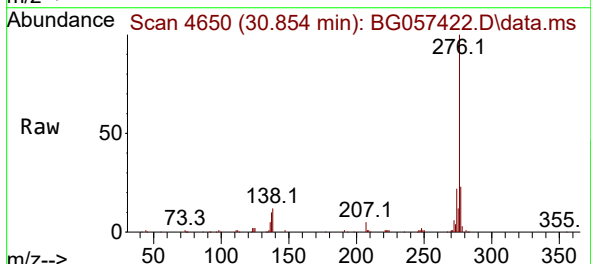
Tgt Ion:278 Resp: 343468
Ion Ratio Lower Upper
278 100
139 8.0 6.2 9.2
279 24.7 18.6 27.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#92
Benzo(g,h,i)perylene
Concen: 38.881 ng
RT: 30.854 min Scan# 4650
Delta R.T. -0.020 min
Lab File: BG057422.D
Acq: 13 May 2023 1:13



Tgt Ion:276 Resp: 334230
Ion Ratio Lower Upper
276 100
277 23.4 18.4 27.6
138 11.8 9.0 13.4

