

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042423\
 Data File : BG057160.D
 Acq On : 24 Apr 2023 20:52
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG042423

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/25/2023
 Supervised By : Jagrut Upadhyay 04/25/2023

Quant Time: Apr 25 05:00:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 25 04:59:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.390	152	22706	20.000	ng	0.00
21) Naphthalene-d8	11.227	136	93397	20.000	ng	0.00
39) Acenaphthene-d10	15.005	164	68861	20.000	ng	0.00
64) Phenanthrene-d10	17.742	188	164869	20.000	ng	0.00
76) Chrysene-d12	22.060	240	142781	20.000	ng	0.00
86) Perylene-d12	25.579	264	149966	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.899	112	112555	89.831	ng	0.00
7) Phenol-d6	7.521	99	169123	93.290	ng	0.00
23) Nitrobenzene-d5	9.565	82	176722	93.542	ng	0.00
42) 2,4,6-Tribromophenol	16.485	330	71255	78.426	ng	0.00
45) 2-Fluorobiphenyl	13.630	172	412291	80.464	ng	0.00
79) Terphenyl-d14	20.309	244	691584	84.721	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.702	88	26204	46.671	ng	97
3) Pyridine	4.125	79	82574	48.472	ng	91
4) n-Nitrosodimethylamine	4.037	42	34262	55.755	ng	92
6) Aniline	7.697	93	109538	46.268	ng	96
8) 2-Chlorophenol	7.944	128	58267	44.391	ng	94
9) Benzaldehyde	7.509	77	49000	45.126	ng	95
10) Phenol	7.550	94	84224	46.789	ng	98
11) bis(2-Chloroethyl)ether	7.785	93	65284	46.216	ng	94
12) 1,3-Dichlorobenzene	8.278	146	64233	41.310	ng	96
13) 1,4-Dichlorobenzene	8.425	146	65343	41.698	ng	94
14) 1,2-Dichlorobenzene	8.748	146	63260	41.811	ng	98
15) Benzyl Alcohol	8.619	79	67126	50.250	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.907	45	86387m	46.625	ng	
17) 2-Methylphenol	8.819	107	60289	45.769	ng	94
18) Hexachloroethane	9.489	117	23097	43.447	ng	92
19) n-Nitroso-di-n-propyla...	9.189	70	61908	54.903	ng	94
20) 3+4-Methylphenols	9.148	107	82948	46.013	ng	98
22) Acetophenone	9.218	105	110961	43.795	ng	# 92
24) Nitrobenzene	9.606	77	90482	47.702	ng	98
25) Isophorone	10.129	82	171931	47.446	ng	97
26) 2-Nitrophenol	10.329	139	32371	45.680	ng	# 86
27) 2,4-Dimethylphenol	10.364	122	59961	44.024	ng	94
28) bis(2-Chloroethoxy)met...	10.599	93	88044	46.349	ng	97
29) 2,4-Dichlorophenol	10.863	162	63730	42.003	ng	97
30) 1,2,4-Trichlorobenzene	11.081	180	72385	39.014	ng	96
31) Naphthalene	11.280	128	207009	41.730	ng	99
32) Benzoic acid	10.505	122	28195	44.622	ng	92
33) 4-Chloroaniline	11.374	127	92240	42.291	ng	98
34) Hexachlorobutadiene	11.551	225	50462	36.885	ng	96
35) Caprolactam	12.150	113	19993	47.588	ng	94
36) 4-Chloro-3-methylphenol	12.467	107	73417	44.980	ng	96
37) 2-Methylnaphthalene	12.855	142	158976	40.724	ng	94
38) 1-Methylnaphthalene	13.072	142	148680	41.253	ng	97
40) 1,2,4,5-Tetrachloroben...	13.213	216	99821	39.616	ng	99
41) Hexachlorocyclopentadiene	13.189	237	40647	40.211	ng	95
43) 2,4,6-Trichlorophenol	13.448	196	59209	43.405	ng	97

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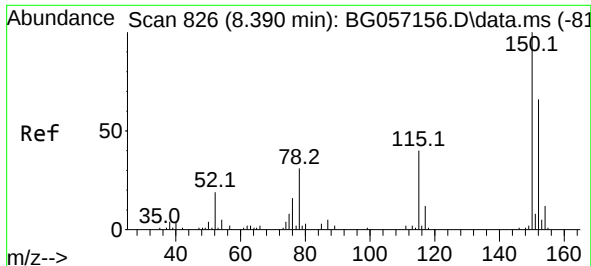
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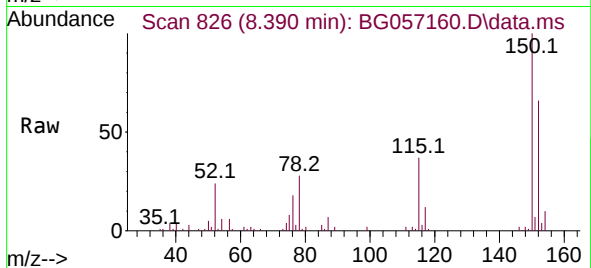
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.518	196	67941	41.255	ng	93
46) 1,1'-Biphenyl	13.836	154	216073	42.097	ng	98
47) 2-Chloronaphthalene	13.889	162	157979	40.780	ng	99
48) 2-Nitroaniline	14.082	65	45764	47.345	ng	95
49) Acenaphthylene	14.729	152	255261	41.508	ng	99
50) Dimethylphthalate	14.441	163	210543	43.565	ng	99
51) 2,6-Dinitrotoluene	14.564	165	46322	45.919	ng	98
52) Acenaphthene	15.069	154	171124m	42.590	ng	
53) 3-Nitroaniline	14.899	138	45364	45.286	ng	96
54) 2,4-Dinitrophenol	15.105	184	22019	41.860	ng	98
55) Dibenzofuran	15.398	168	262549	40.329	ng	98
56) 4-Nitrophenol	15.193	139	31741	45.017	ng	83
57) 2,4-Dinitrotoluene	15.351	165	62155	45.243	ng	96
58) Fluorene	16.044	166	211696	40.389	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.616	232	59508	42.185	ng	97
60) Diethylphthalate	15.786	149	207579	44.559	ng	98
61) 4-Chlorophenyl-phenyle...	16.021	204	124144	39.462	ng	97
62) 4-Nitroaniline	16.056	138	46811	46.408	ng	95
63) Azobenzene	16.315	77	232409	46.898	ng	98
65) 4,6-Dinitro-2-methylph...	16.115	198	36017	42.691	ng	94
66) n-Nitrosodiphenylamine	16.232	169	183357	42.622	ng	99
67) 4-Bromophenyl-phenylether	16.914	248	77445	39.061	ng	95
68) Hexachlorobenzene	17.049	284	76725	37.728	ng	98
69) Atrazine	17.166	200	62777	45.689	ng	98
70) Pentachlorophenol	17.390	266	41768	43.704	ng	98
71) Phenanthrene	17.783	178	345514	41.051	ng	99
72) Anthracene	17.877	178	354742	41.684	ng	99
73) Carbazole	18.142	167	301981	42.037	ng	99
74) Di-n-butylphthalate	18.659	149	305866	45.773	ng	98
75) Fluoranthene	19.775	202	424475	40.594	ng	99
77) Benzidine	19.939	184	98129	45.609	ng	98
78) Pyrene	20.133	202	428858	44.239	ng	99
80) Butylbenzylphthalate	20.991	149	114956	45.692	ng	96
81) Benzo(a)anthracene	22.036	228	412479	42.017	ng	99
82) 3,3'-Dichlorobenzidine	21.936	252	116913	45.502	ng	100
83) Chrysene	22.107	228	395050	41.729	ng	99
84) Bis(2-ethylhexyl)phtha...	21.884	149	173150	43.631	ng	96
85) Di-n-octyl phthalate	23.194	149	295794	46.191	ng	97
87) Indeno(1,2,3-cd)pyrene	29.650	276	442145	41.159	ng	# 93
88) Benzo(b)fluoranthene	24.451	252	390280	41.516	ng	99
89) Benzo(k)fluoranthene	24.527	252	407800	41.938	ng	98
90) Benzo(a)pyrene	25.414	252	384315	41.507	ng	99
91) Dibenzo(a,h)anthracene	29.714	278	367602	41.213	ng	97
92) Benzo(g,h,i)perylene	30.930	276	358976	40.676	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.390 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG057160.D
Acq: 24 Apr 2023 20:52

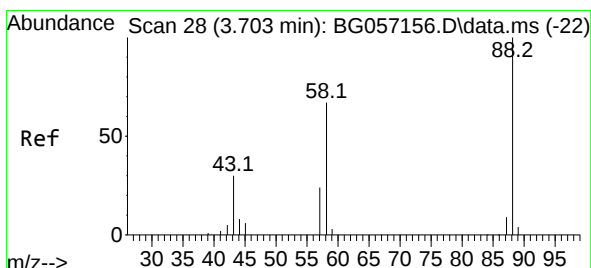
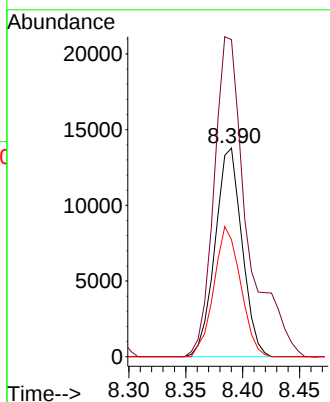
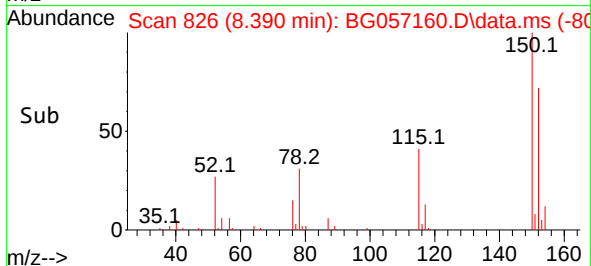
Instrument :
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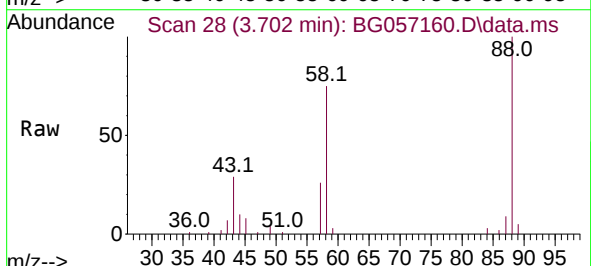
Tgt Ion:152 Resp: 22700
Ion Ratio Lower Upper
152 100
150 152.0 121.4 182.2
115 56.1 48.1 72.1

Manual Integrations
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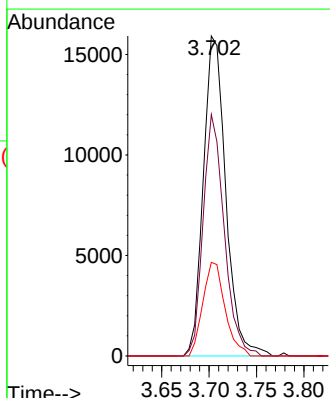
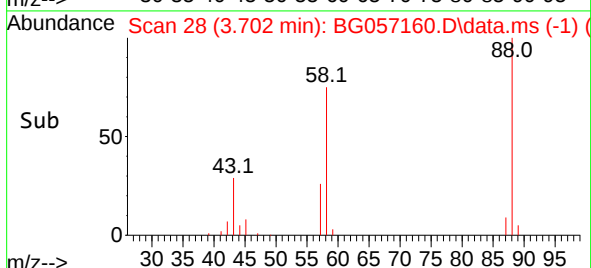
Reviewed By :Christian Giraldo 04/25/2023
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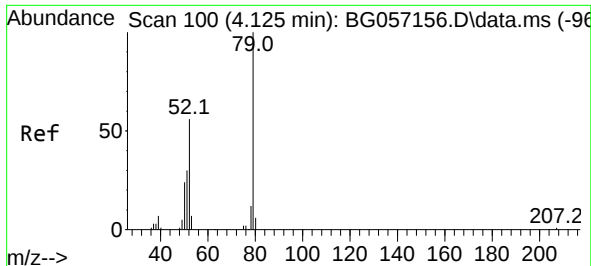


#2
1,4-Dioxane
Concen: 46.671 ng
RT: 3.702 min Scan# 28
Delta R.T. -0.000 min
Lab File: BG057160.D
Acq: 24 Apr 2023 20:52



Tgt Ion: 88 Resp: 26204
Ion Ratio Lower Upper
88 100
58 70.9 54.2 81.4
43 28.9 23.0 34.6





#3
Pyridine
Concen: 48.472 ng
RT: 4.125 min Scan# 100
Delta R.T. -0.000 min
Lab File: BG057160.D
Acq: 24 Apr 2023 20:52

Instrument :

BNA_G

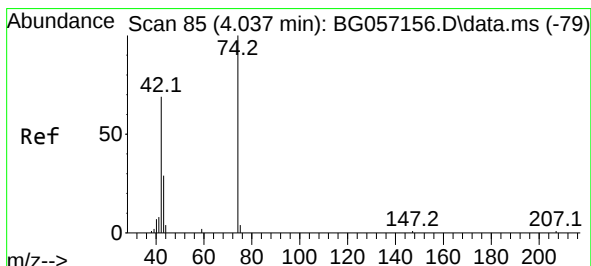
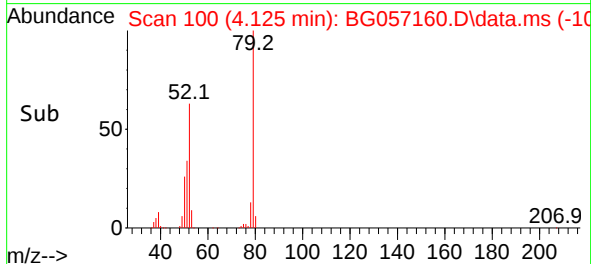
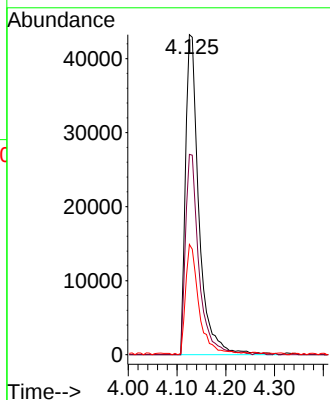
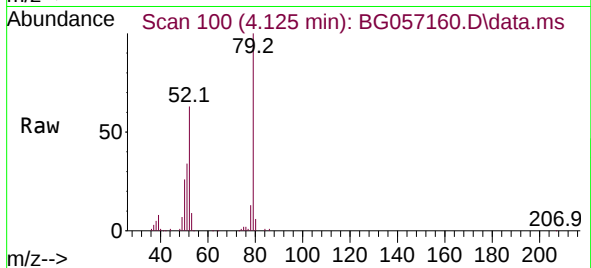
ClientSampleId :

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Tgt Ion: 79 Resp: 82574
Ion Ratio Lower Upper
79 100
52 62.6 44.5 66.7
51 34.4 24.3 36.5

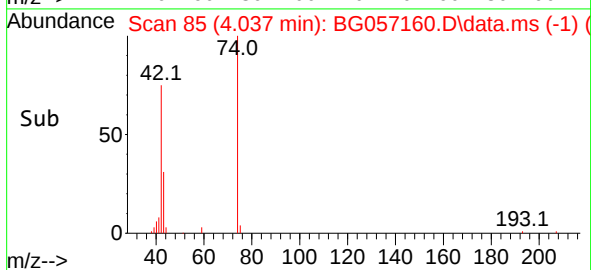
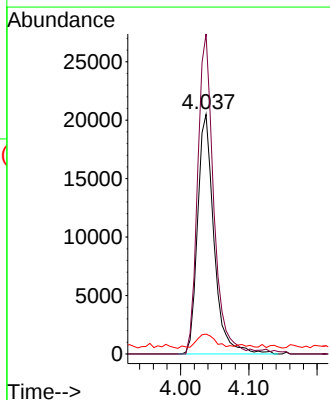
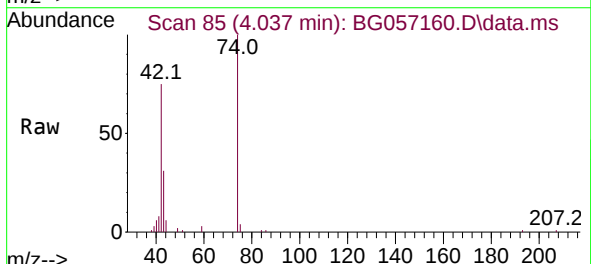
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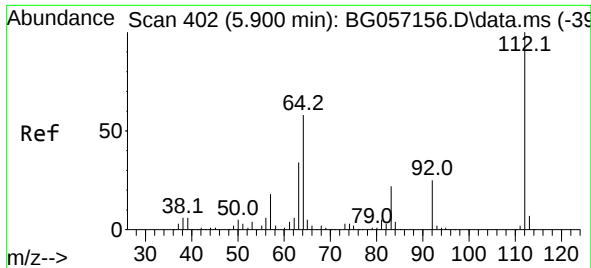
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#4
n-Nitrosodimethylamine
Concen: 55.755 ng
RT: 4.037 min Scan# 85
Delta R.T. 0.000 min
Lab File: BG057160.D
Acq: 24 Apr 2023 20:52

Tgt Ion: 42 Resp: 34262
Ion Ratio Lower Upper
42 100
74 133.6 115.6 173.4
44 8.3 7.1 10.7





#5
2-Fluorophenol
Concen: 89.831 ng
RT: 5.899 min Scan# 402
Delta R.T. -0.000 min
Lab File: BG057160.D
Acq: 24 Apr 2023 20:52

Instrument :

BNA_G

ClientSampleId :

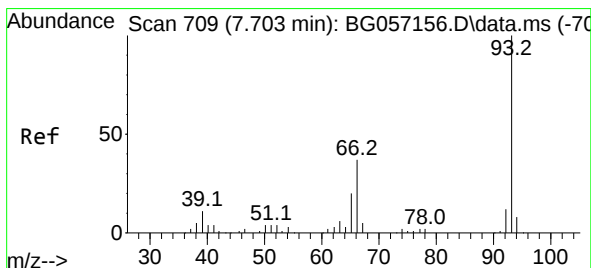
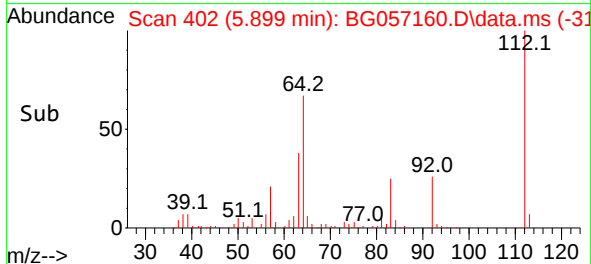
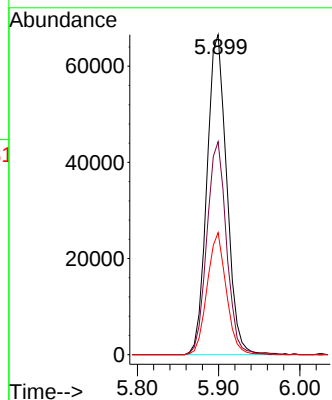
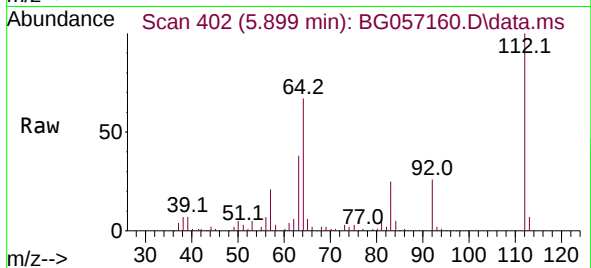
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Tgt Ion:112 Resp: 11255
Ion Ratio Lower Upper
112 100
64 66.6 46.7 70.1
63 38.1 26.9 40.3

Manual Integrations

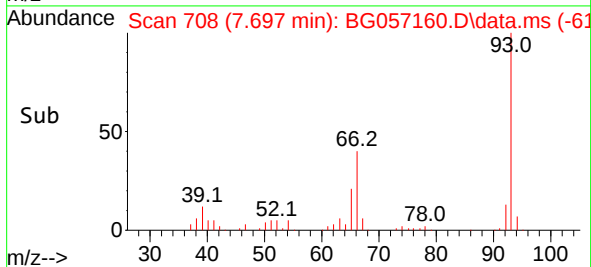
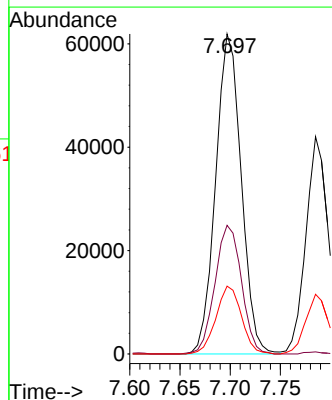
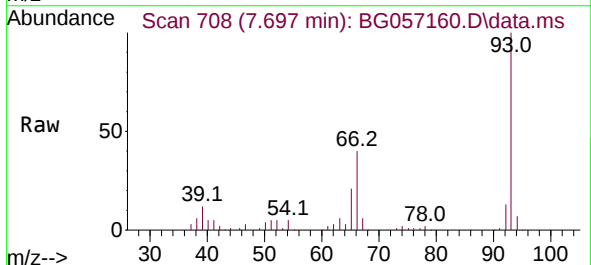
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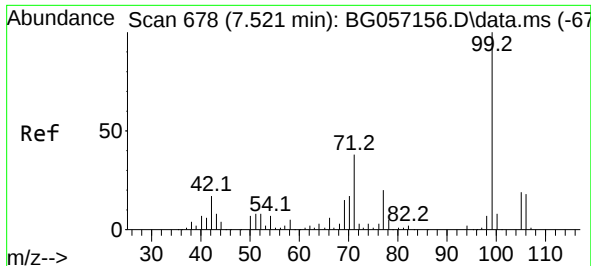
Reviewed By :Christian Giraldo 04/25/2023
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#6
Aniline
Concen: 46.268 ng
RT: 7.697 min Scan# 708
Delta R.T. -0.006 min
Lab File: BG057160.D
Acq: 24 Apr 2023 20:52

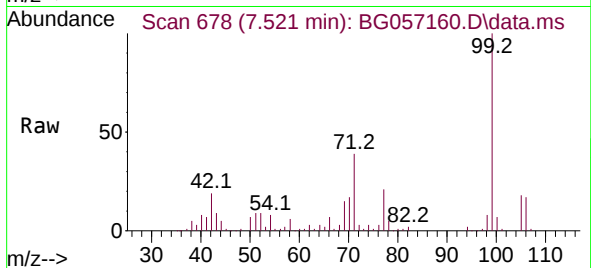
Tgt Ion: 93 Resp: 109538
Ion Ratio Lower Upper
93 100
66 40.2 29.8 44.8
65 21.2 16.4 24.6





#7
Phenol-d6
Concen: 93.290 ng
RT: 7.521 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG057160.D
Acq: 24 Apr 2023 20:52

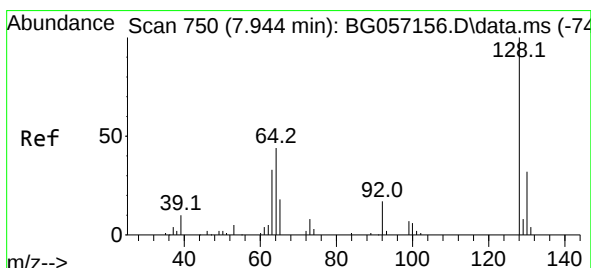
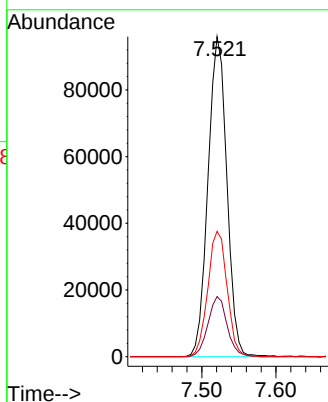
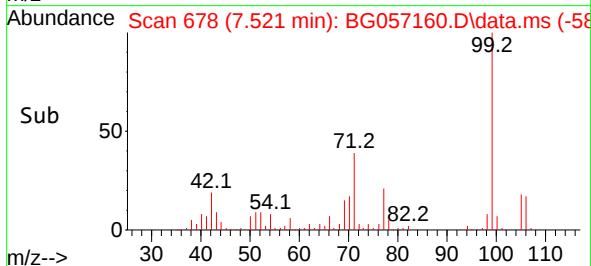
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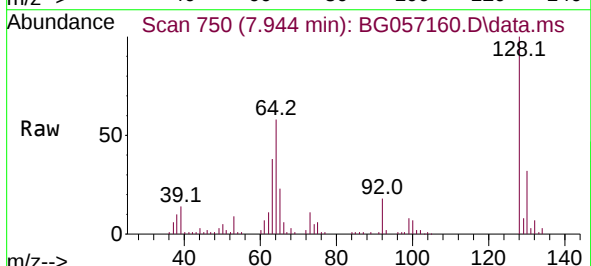
Tgt Ion: 99 Resp: 16912
Ion Ratio Lower Upper
99 100
42 18.8 13.4 20.0
71 39.1 30.2 45.2

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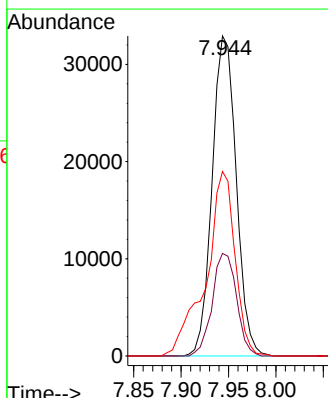
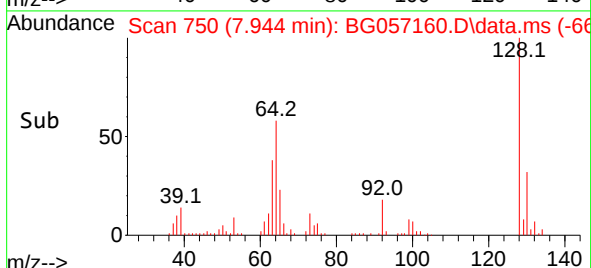
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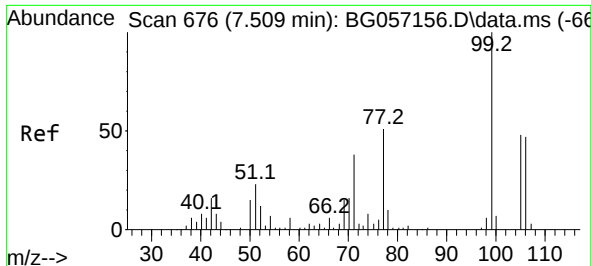


#8
2-Chlorophenol
Concen: 44.391 ng
RT: 7.944 min Scan# 750
Delta R.T. -0.000 min
Lab File: BG057160.D
Acq: 24 Apr 2023 20:52



Tgt Ion:128 Resp: 58267
Ion Ratio Lower Upper
128 100
130 32.1 11.6 51.6
64 57.6 31.4 71.4





#9
Benzaldehyde
Concen: 45.126 ng
RT: 7.509 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG057160.D
Acq: 24 Apr 2023 20:52

Instrument :

BNA_G

ClientSampleId :

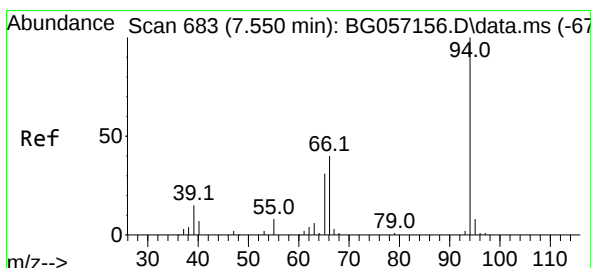
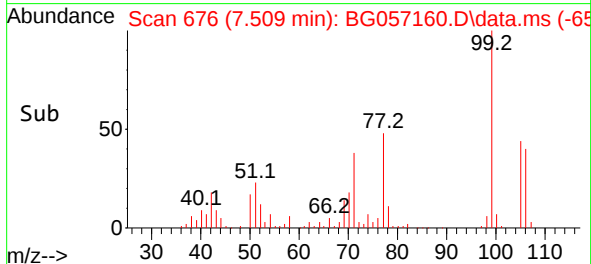
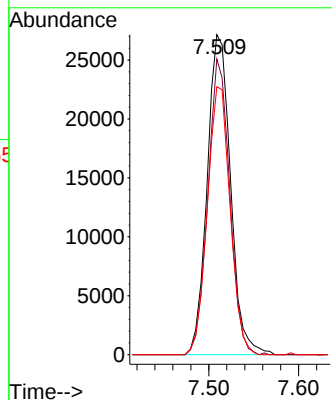
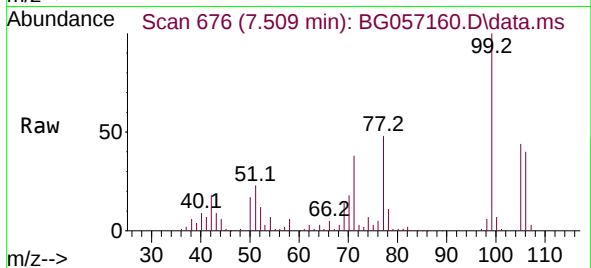
ICVBG042423

Tgt Ion: 77 Resp: 49000
Ion Ratio Lower Upper
77 100
105 92.4 73.5 113.5
106 83.7 72.7 112.7

Manual Integrations

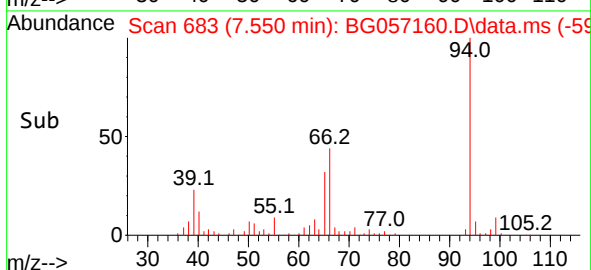
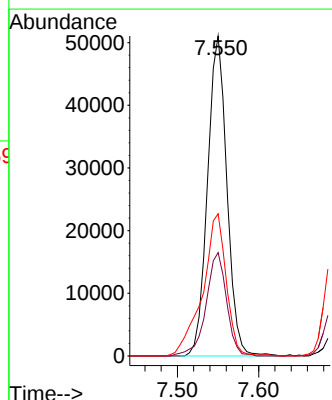
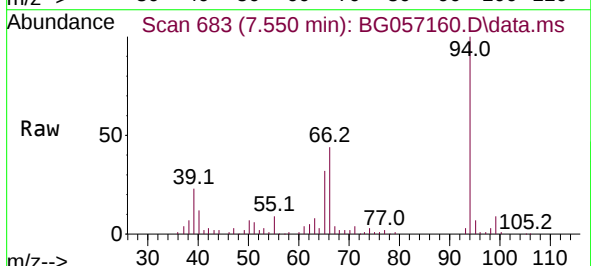
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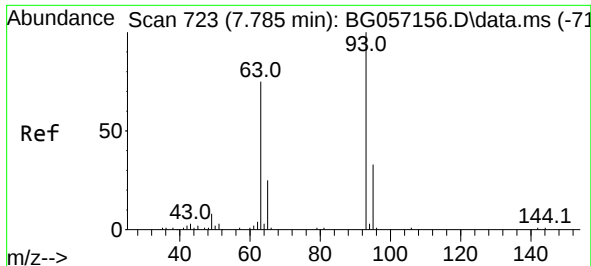
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#10
Phenol
Concen: 46.789 ng
RT: 7.550 min Scan# 683
Delta R.T. -0.000 min
Lab File: BG057160.D
Acq: 24 Apr 2023 20:52

Tgt Ion: 94 Resp: 84224
Ion Ratio Lower Upper
94 100
65 32.3 11.6 51.6
66 44.4 22.7 62.7





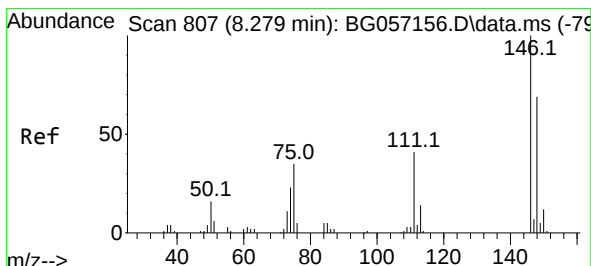
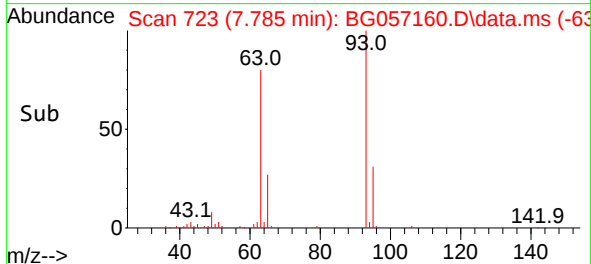
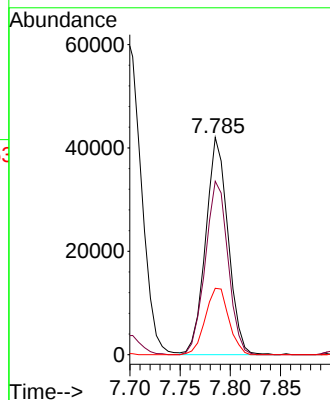
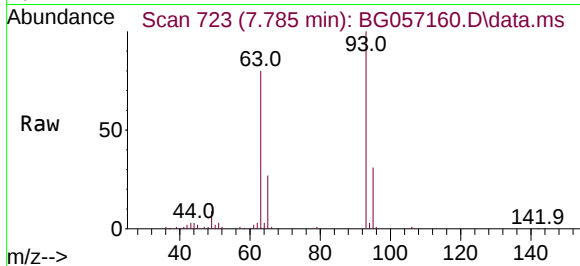
#11
bis(2-Chloroethyl)ether
Concen: 46.216 ng
RT: 7.785 min Scan# 71
Delta R.T. -0.000 min
Lab File: BG057160.D
Acq: 24 Apr 2023 20:52

Instrument :
BNA_G
ClientSampleId :
ICVBG042423

Tgt Ion: 93 Resp: 65284
Ion Ratio Lower Upper
93 100
63 79.8 53.9 93.9
95 30.6 13.1 53.1

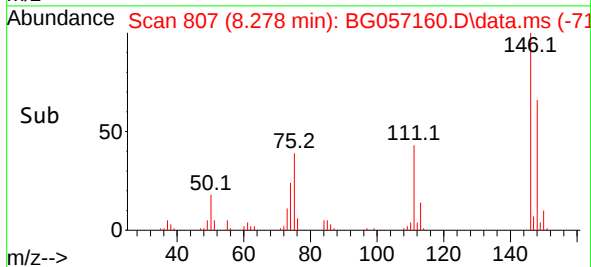
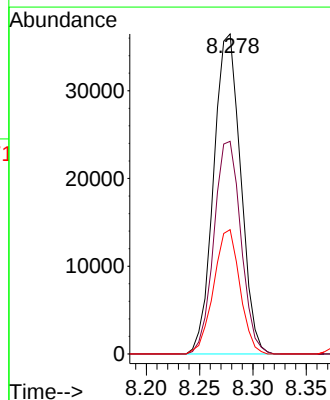
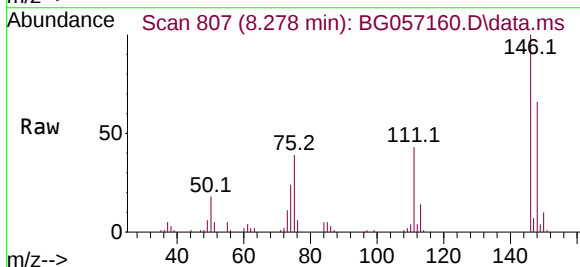
Manual Integrations
APPROVED

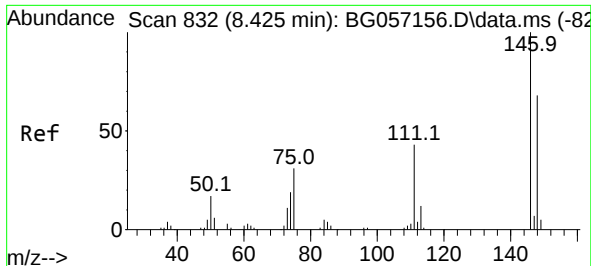
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#12
1,3-Dichlorobenzene
Concen: 41.310 ng
RT: 8.278 min Scan# 807
Delta R.T. -0.000 min
Lab File: BG057160.D
Acq: 24 Apr 2023 20:52

Tgt Ion:146 Resp: 64233
Ion Ratio Lower Upper
146 100
148 66.4 55.4 83.2
75 38.8 28.2 42.4





#13

1,4-Dichlorobenzene

Concen: 41.698 ng

RT: 8.425 min Scan# 813

Delta R.T. -0.000 min

Lab File: BG057160.D

Acq: 24 Apr 2023 20:52

Instrument :

BNA_G

ClientSampleId :

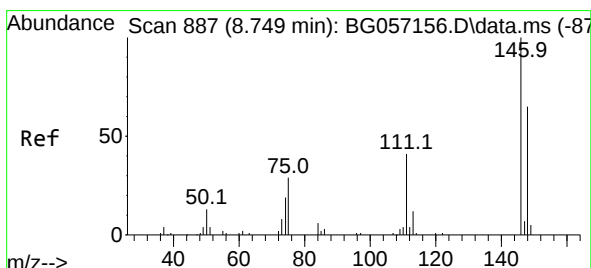
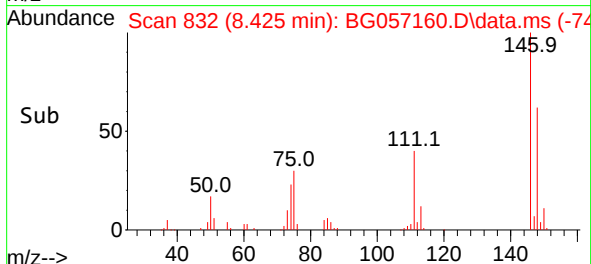
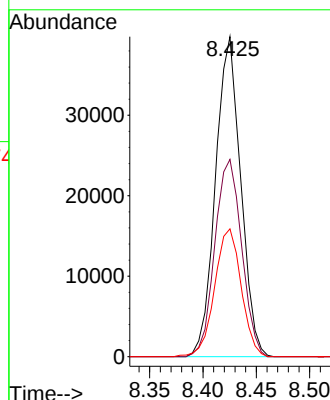
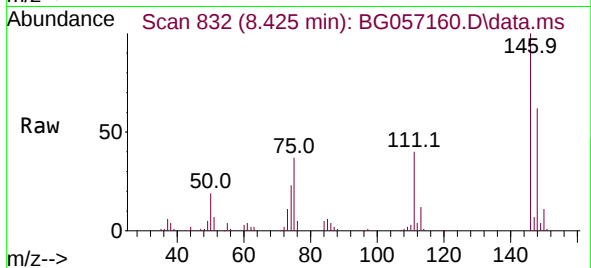
ICVBG042423

Tgt Ion:146 Resp: 6534
 Ion Ratio Lower Upper
 146 100
 148 61.7 54.3 81.5
 111 40.0 34.2 51.4

Manual Integrations

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Reviewed By :Christian Giraldo 04/25/2023
 Supervised By :Jagrut Upadhyay 04/25/2023



#14

1,2-Dichlorobenzene

Concen: 41.811 ng

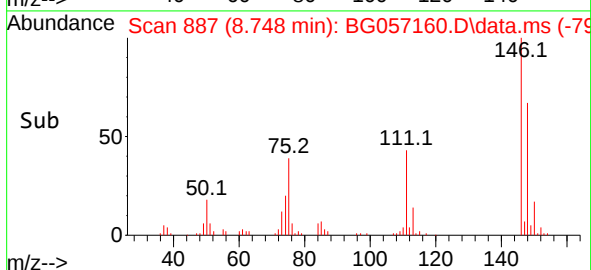
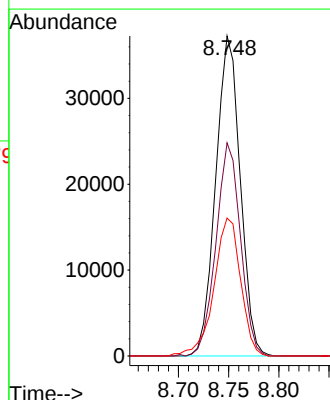
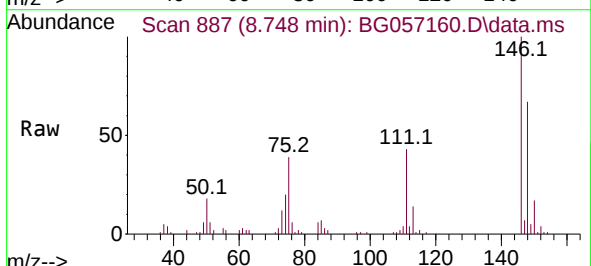
RT: 8.748 min Scan# 887

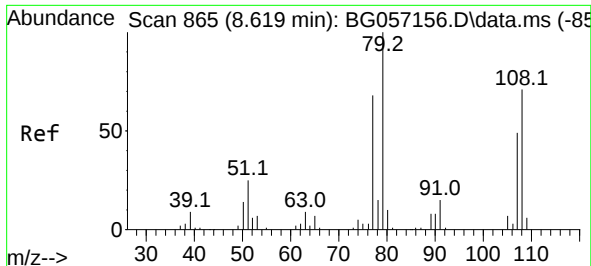
Delta R.T. -0.000 min

Lab File: BG057160.D

Acq: 24 Apr 2023 20:52

Tgt Ion:146 Resp: 63260
 Ion Ratio Lower Upper
 146 100
 148 66.6 52.3 78.5
 111 43.1 33.1 49.7





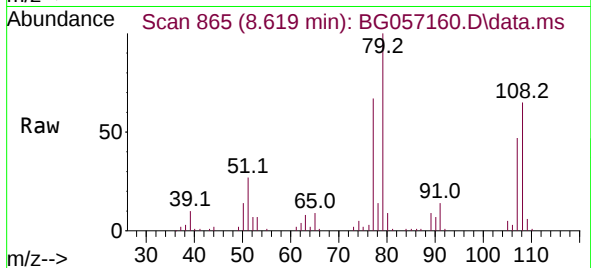
#15
Benzyl Alcohol
Concen: 50.250 ng
RT: 8.619 min Scan# 80
Delta R.T. -0.000 min
Lab File: BG057160.D
Acq: 24 Apr 2023 20:52

Instrument :

BNA_G

ClientSampleId :

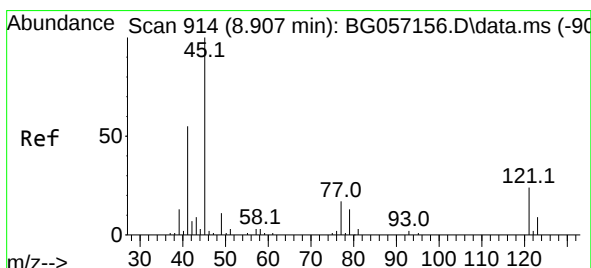
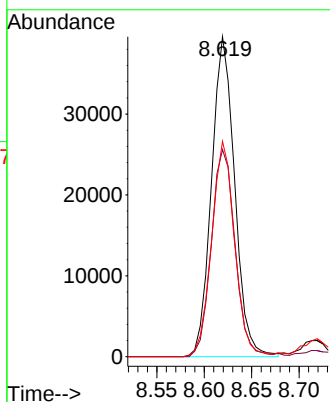
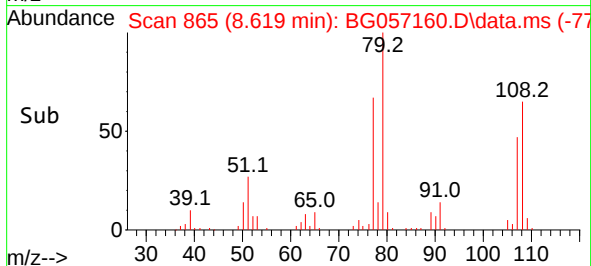
ICVBG042423



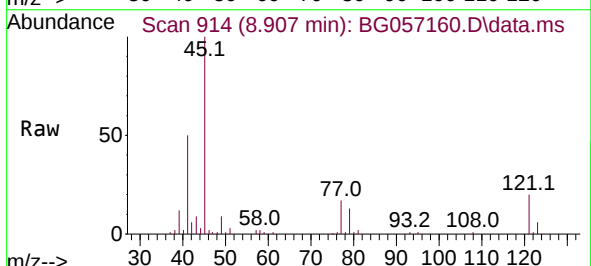
Tgt Ion: 79 Resp: 67120
Ion Ratio Lower Upper
79 100
108 64.7 56.8 85.2
77 67.3 54.2 81.2

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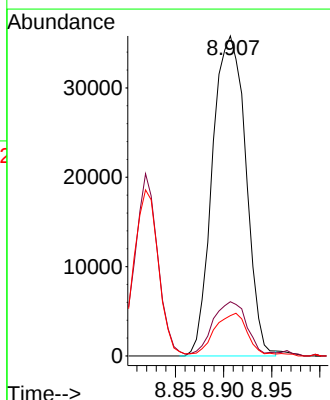
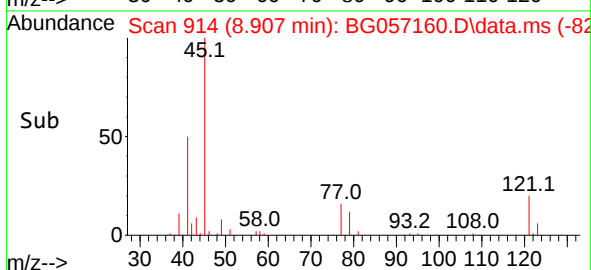
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

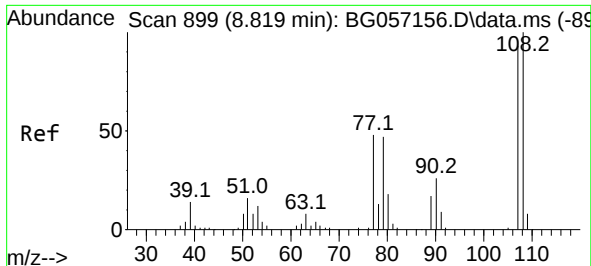


#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.625 ng m
RT: 8.907 min Scan# 914
Delta R.T. 0.000 min
Lab File: BG057160.D
Acq: 24 Apr 2023 20:52



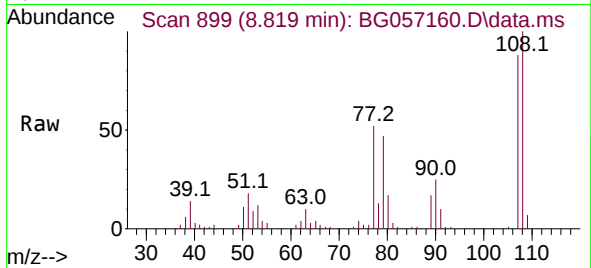
Tgt Ion: 45 Resp: 86387
Ion Ratio Lower Upper
45 100
77 17.0 0.0 38.7
79 12.6 0.0 34.9





#17
2-Methylphenol
Concen: 45.769 ng
RT: 8.819 min Scan# 899
Delta R.T. -0.000 min
Lab File: BG057160.D
Acq: 24 Apr 2023 20:52

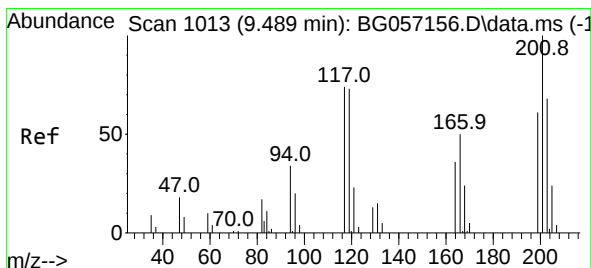
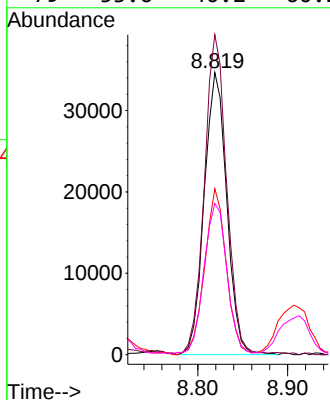
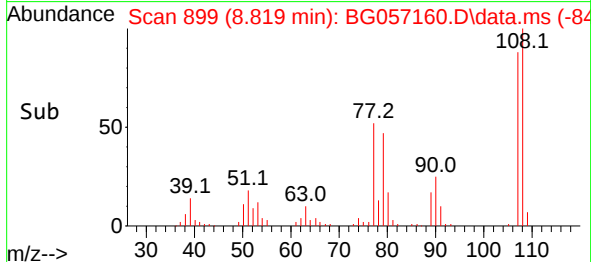
Instrument :
BNA_G
ClientSampleId :
ICVBG042423



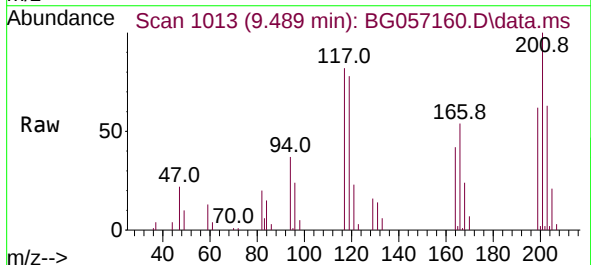
Tgt Ion:107 Resp: 60289
Ion Ratio Lower Upper
107 100
108 113.5 86.2 129.4
77 58.9 41.8 62.8
79 53.6 40.2 60.2

Manual Integrations
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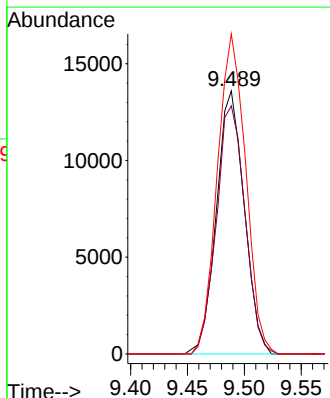
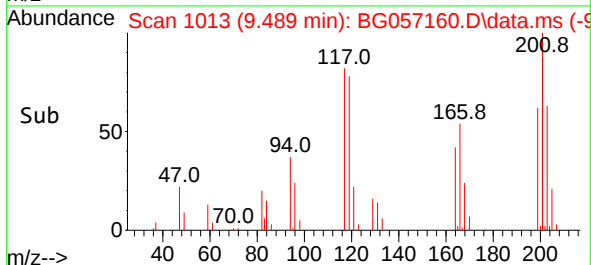
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

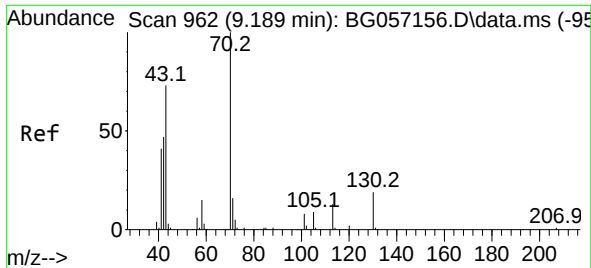


#18
Hexachloroethane
Concen: 43.447 ng
RT: 9.489 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BG057160.D
Acq: 24 Apr 2023 20:52



Tgt Ion:117 Resp: 23097
Ion Ratio Lower Upper
117 100
119 94.3 78.3 117.5
201 121.6 107.6 161.4





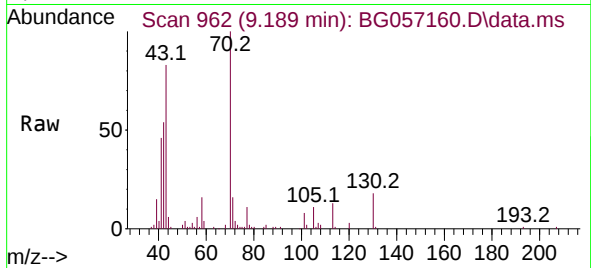
#19
n-Nitroso-di-n-propylamine
Concen: 54.903 ng
RT: 9.189 min Scan# 90
Delta R.T. 0.000 min
Lab File: BG057160.D
Acq: 24 Apr 2023 20:52

Instrument :

BNA_G

ClientSampleId :

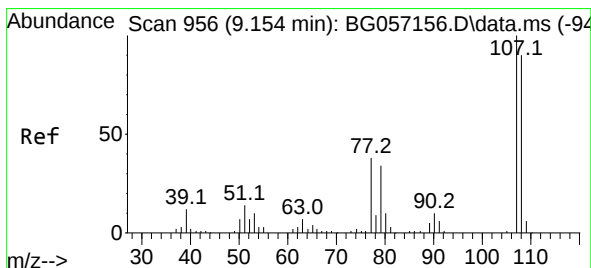
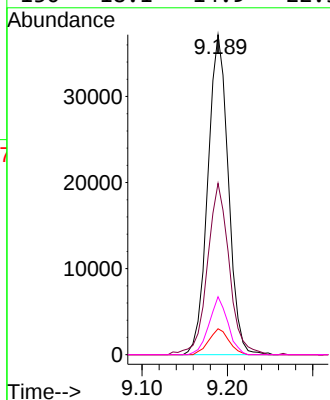
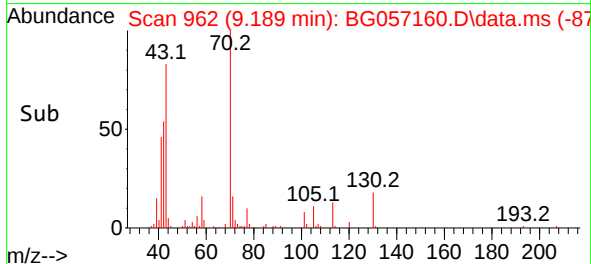
ICVBG042423



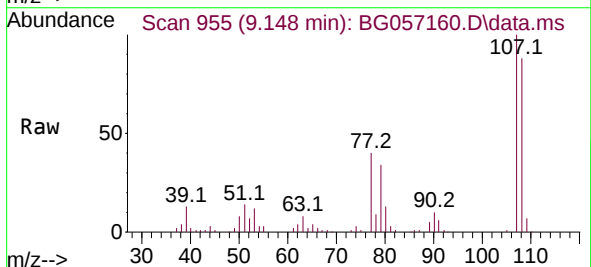
Tgt Ion: 70 Resp: 61908
Ion Ratio Lower Upper
70 100
42 53.6 38.0 57.0
101 8.1 6.6 9.8
130 18.1 14.9 22.3

Manual Integrations
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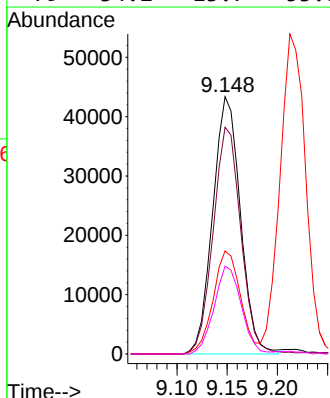
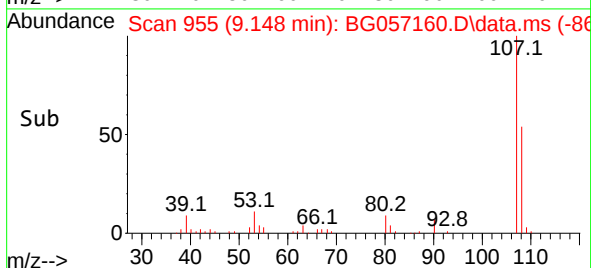
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

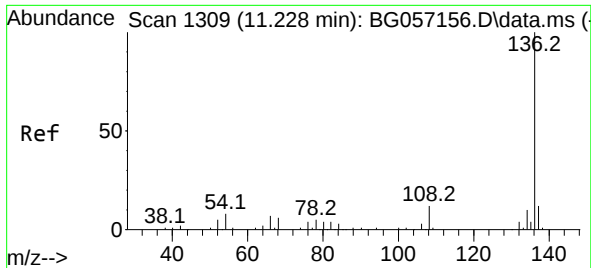


#20
3+4-Methylphenols
Concen: 46.013 ng
RT: 9.148 min Scan# 955
Delta R.T. -0.006 min
Lab File: BG057160.D
Acq: 24 Apr 2023 20:52



Tgt Ion:107 Resp: 82948
Ion Ratio Lower Upper
107 100
108 88.1 70.2 110.2
77 40.0 17.8 57.8
79 34.2 13.7 53.7





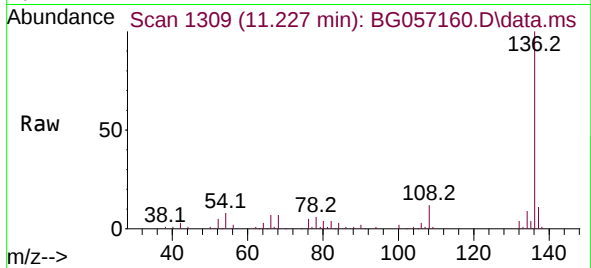
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.227 min Scan# 1309
Delta R.T. -0.000 min
Lab File: BG057160.D
Acq: 24 Apr 2023 20:52

Instrument :

BNA_G

ClientSampleId :

ICVBG042423

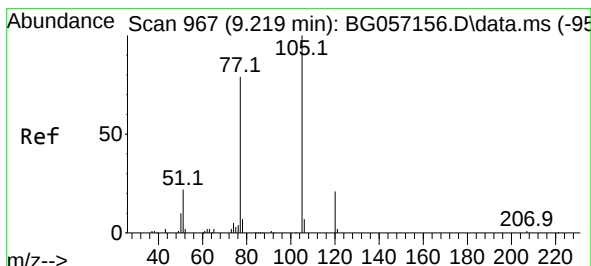
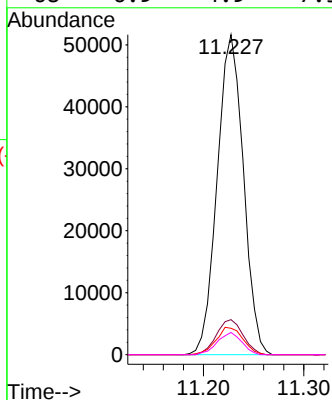
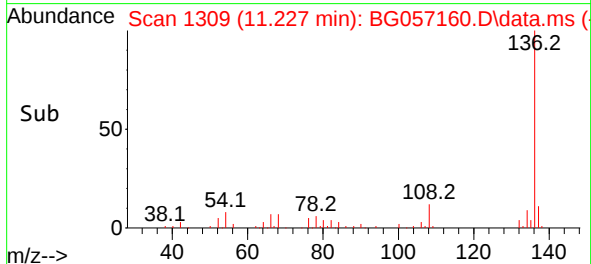


Tgt Ion:136 Resp: 93397
Ion Ratio Lower Upper
136 100
137 11.0 9.5 14.3
54 8.3 6.4 9.6
68 6.9 4.9 7.3

Manual Integrations

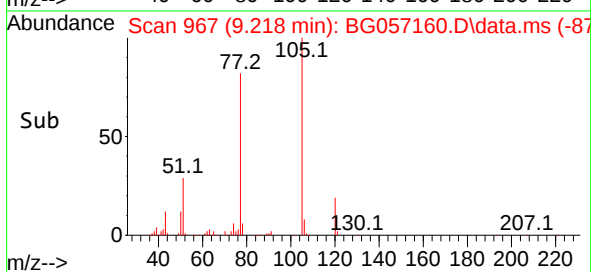
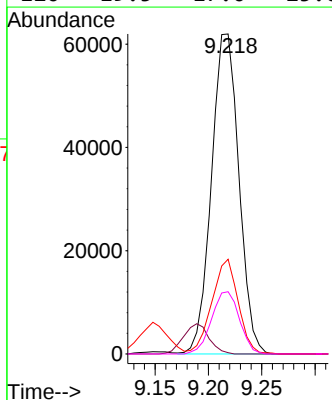
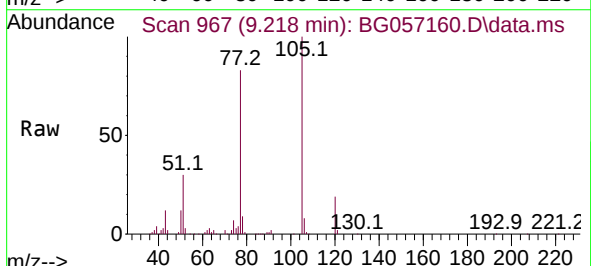
APPROVED

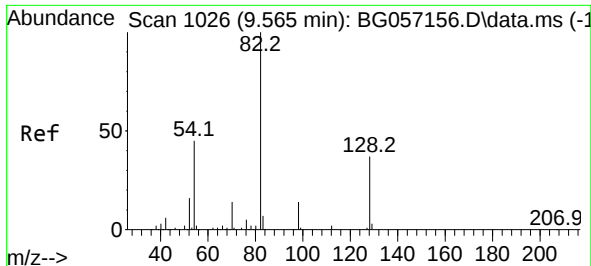
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#22
Acetophenone
Concen: 43.795 ng
RT: 9.218 min Scan# 967
Delta R.T. -0.000 min
Lab File: BG057160.D
Acq: 24 Apr 2023 20:52

Tgt Ion:105 Resp: 110961
Ion Ratio Lower Upper
105 100
71 0.4 0.2 0.4#
51 29.6 19.4 29.0#
120 19.5 17.0 25.6





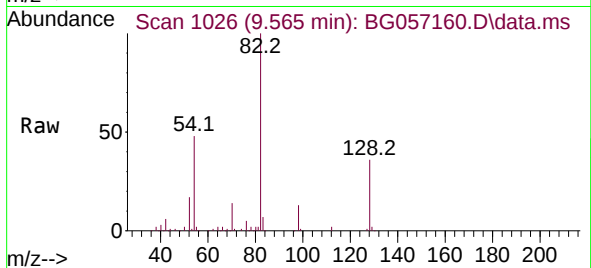
#23
Nitrobenzene-d5
Concen: 93.542 ng
RT: 9.565 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BG057160.D
Acq: 24 Apr 2023 20:52

Instrument :

BNA_G

ClientSampleId :

ICVBG042423

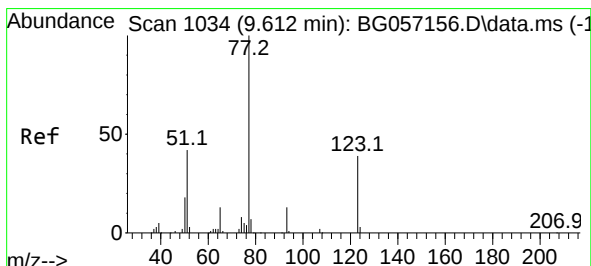
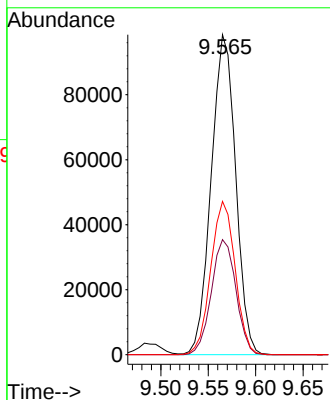
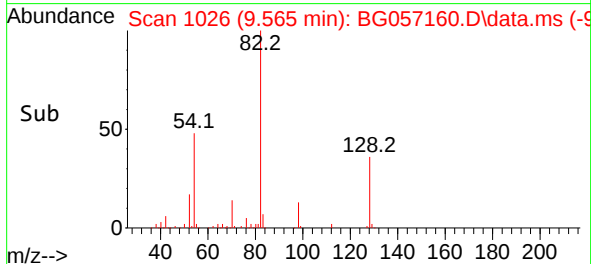


Tgt Ion: 82 Resp: 17672
Ion Ratio Lower Upper
82 100
128 35.9 29.4 44.2
54 47.9 36.2 54.2

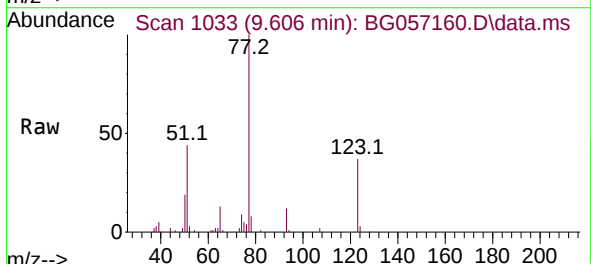
Manual Integrations

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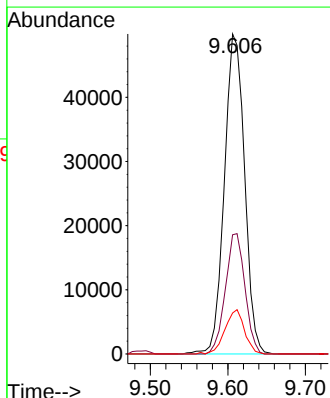
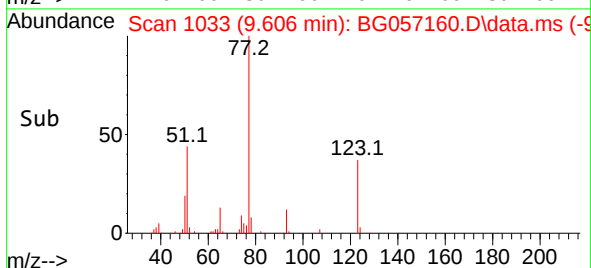
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

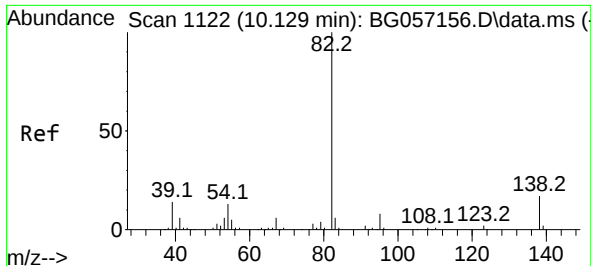


#24
Nitrobenzene
Concen: 47.702 ng
RT: 9.606 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BG057160.D
Acq: 24 Apr 2023 20:52



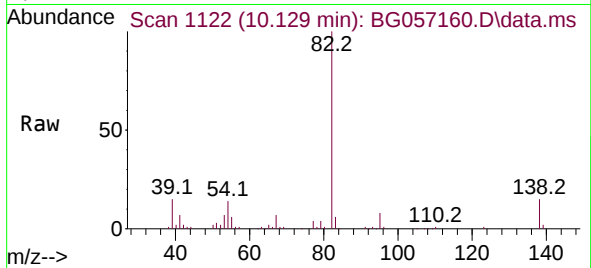
Tgt Ion: 77 Resp: 90482
Ion Ratio Lower Upper
77 100
123 37.3 31.3 46.9
65 12.8 10.5 15.7





#25
Isophorone
Concen: 47.446 ng
RT: 10.129 min Scan# 1122
Delta R.T. -0.000 min
Lab File: BG057160.D
Acq: 24 Apr 2023 20:52

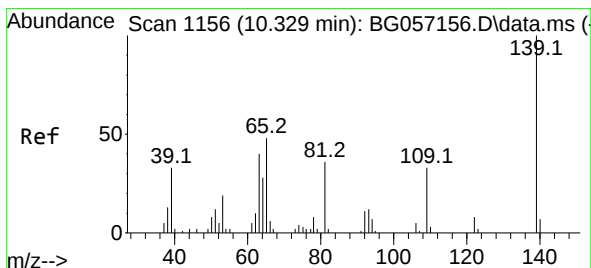
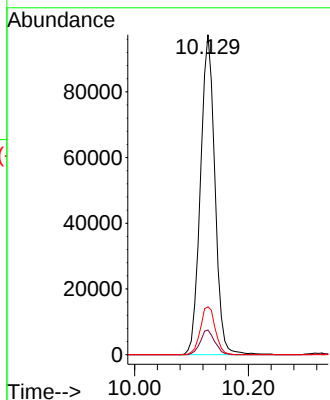
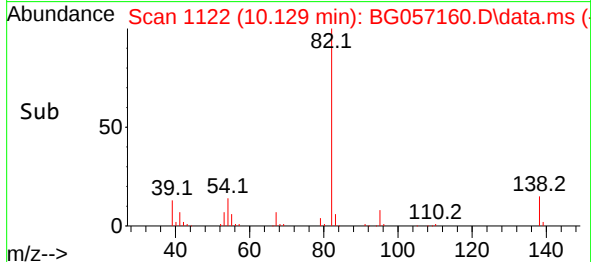
Instrument :
BNA_G
ClientSampleId :
ICVBG042423



Tgt Ion: 82 Resp: 17193
Ion Ratio Lower Upper
82 100
95 7.7 6.2 9.2
138 15.0 13.4 20.0

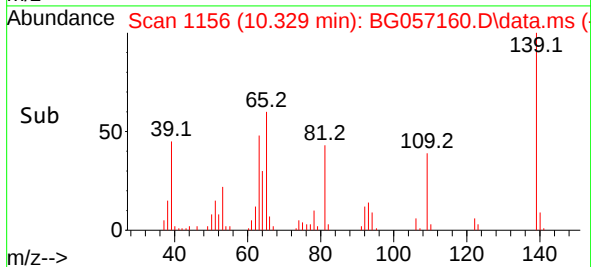
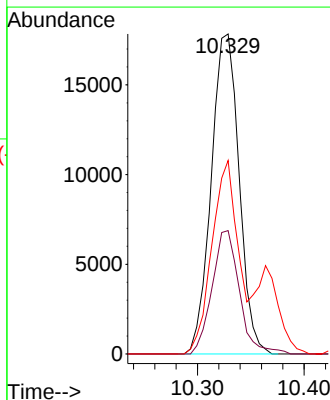
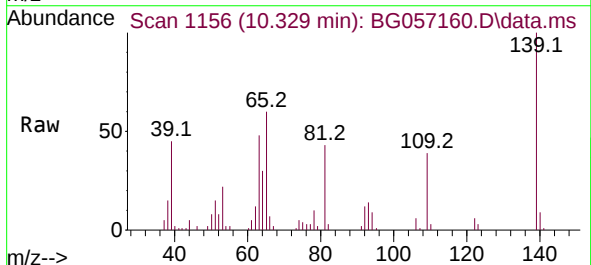
Manual Integrations
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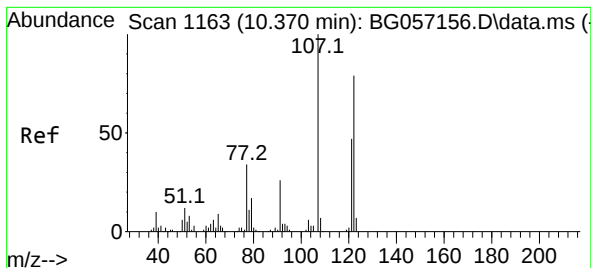
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#26
2-Nitrophenol
Concen: 45.680 ng
RT: 10.329 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BG057160.D
Acq: 24 Apr 2023 20:52

Tgt Ion:139 Resp: 32371
Ion Ratio Lower Upper
139 100
109 38.6 26.6 39.8
65 60.5 38.6 58.0#





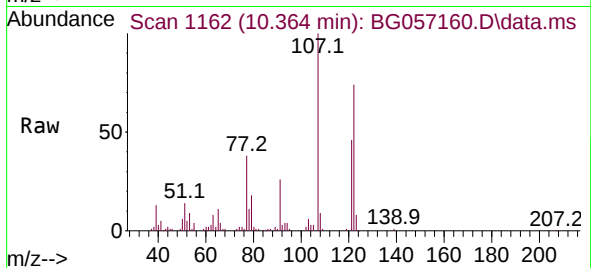
#27
2,4-Dimethylphenol
Concen: 44.024 ng
RT: 10.364 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BG057160.D
Acq: 24 Apr 2023 20:52

Instrument :

BNA_G

ClientSampleId :

ICVBG042423

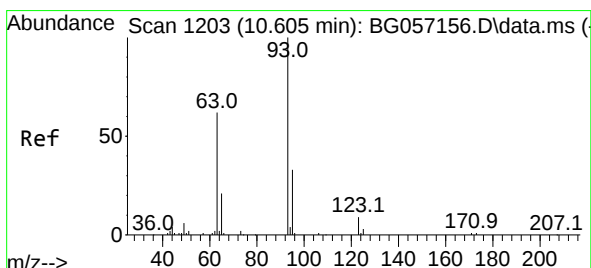
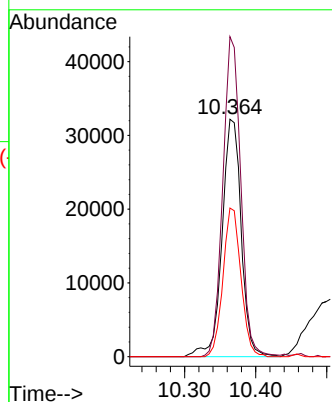
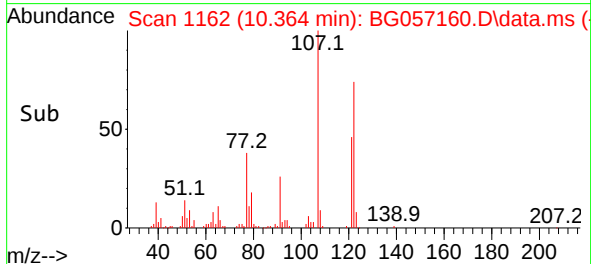


Tgt Ion:122 Resp: 5996
Ion Ratio Lower Upper
122 100
107 134.8 101.5 152.3
121 62.6 48.0 72.0

Manual Integrations

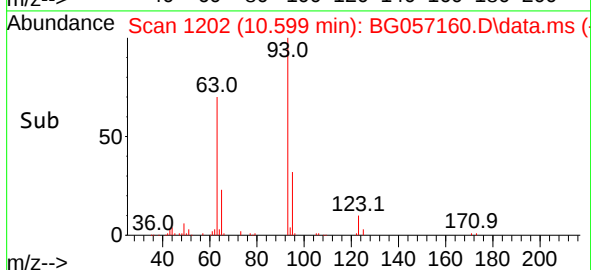
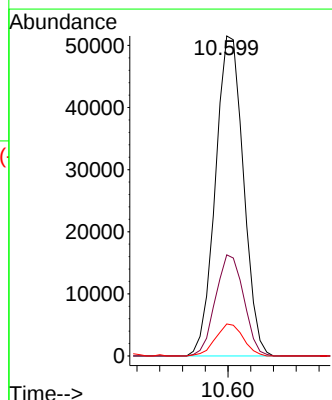
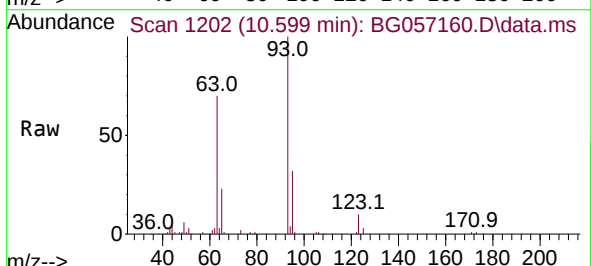
APPROVED

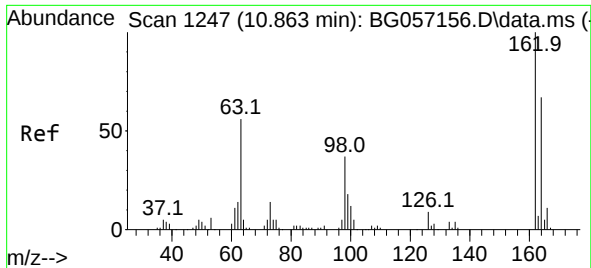
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#28
bis(2-Chloroethoxy)methane
Concen: 46.349 ng
RT: 10.599 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BG057160.D
Acq: 24 Apr 2023 20:52

Tgt Ion: 93 Resp: 88044
Ion Ratio Lower Upper
93 100
95 31.6 26.5 39.7
123 10.0 7.4 11.0





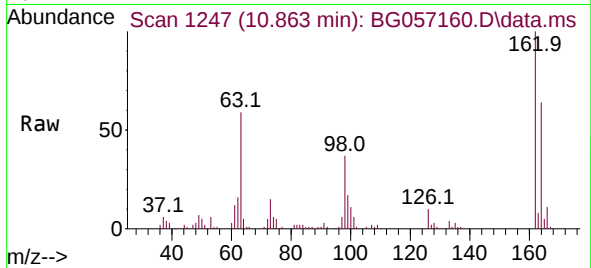
#29
2,4-Dichlorophenol
Concen: 42.003 ng
RT: 10.863 min Scan# 1247
Delta R.T. -0.000 min
Lab File: BG057160.D
Acq: 24 Apr 2023 20:52

Instrument :

BNA_G

ClientSampleId :

ICVBG042423

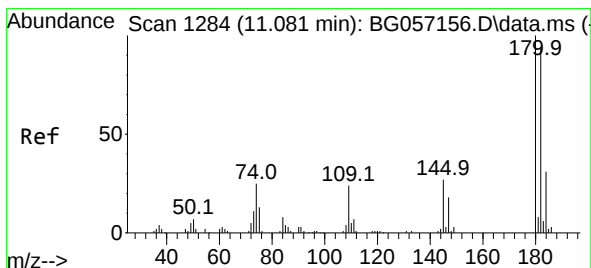
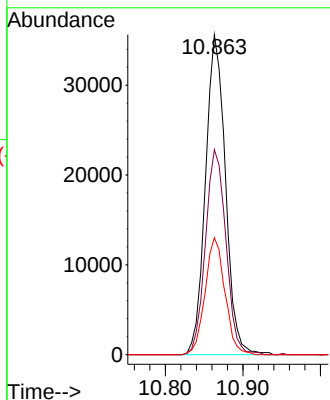
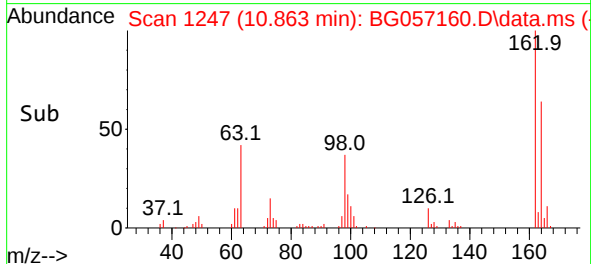


Tgt Ion:162 Resp: 63730
Ion Ratio Lower Upper
162 100
164 64.1 47.2 87.2
98 36.5 16.8 56.8

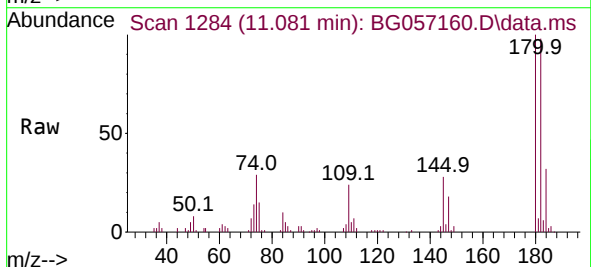
Manual Integrations

APPROVED

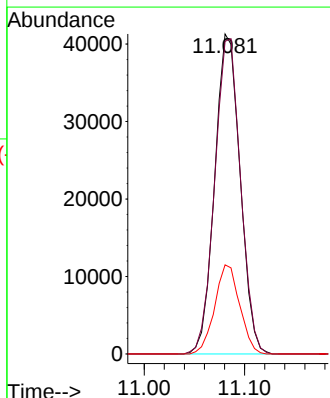
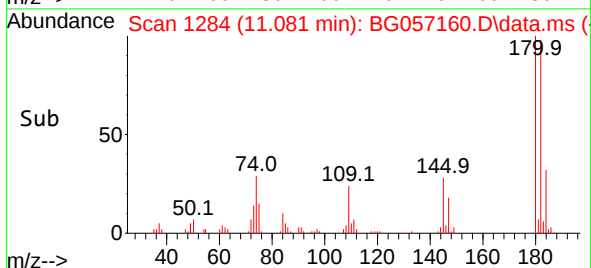
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

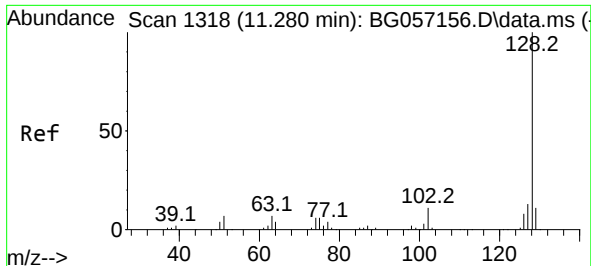


#30
1,2,4-Trichlorobenzene
Concen: 39.014 ng
RT: 11.081 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BG057160.D
Acq: 24 Apr 2023 20:52



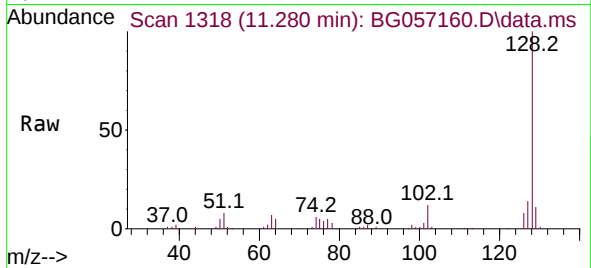
Tgt Ion:180 Resp: 72385
Ion Ratio Lower Upper
180 100
182 97.7 75.0 112.6
145 27.8 21.4 32.2





#31
Naphthalene
Concen: 41.730 ng
RT: 11.280 min Scan# 1118
Delta R.T. -0.000 min
Lab File: BG057160.D
Acq: 24 Apr 2023 20:52

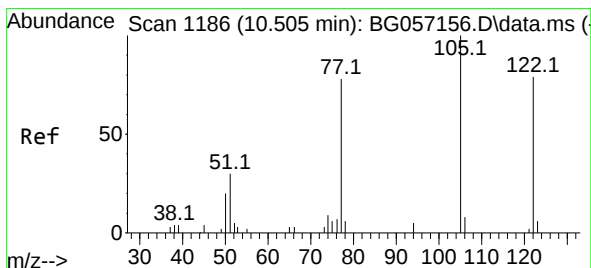
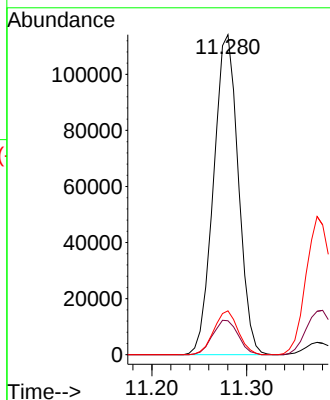
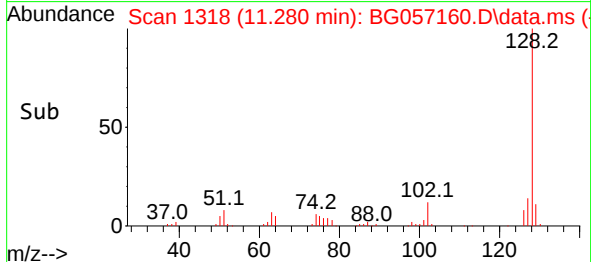
Instrument :
BNA_G
ClientSampleId :
ICVBG042423



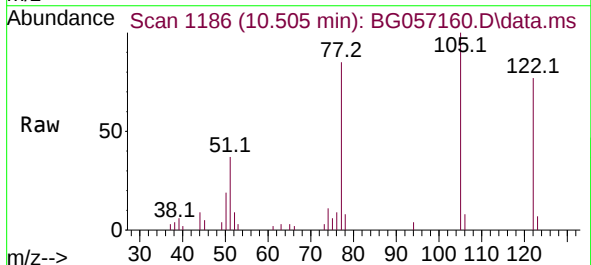
Tgt Ion:128 Resp: 207009
Ion Ratio Lower Upper
128 100
129 10.6 8.8 13.2
127 13.7 10.6 16.0

Manual Integrations
APPROVED

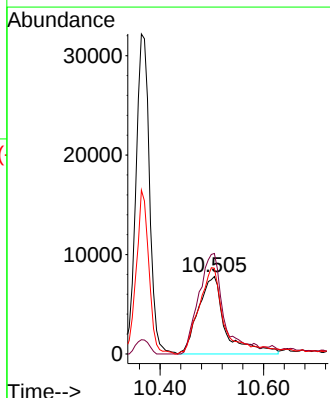
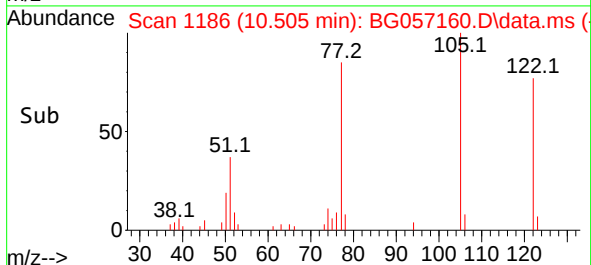
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

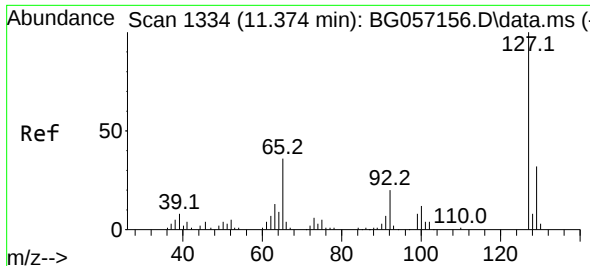


#32
Benzoic acid
Concen: 44.622 ng
RT: 10.505 min Scan# 1186
Delta R.T. -0.000 min
Lab File: BG057160.D
Acq: 24 Apr 2023 20:52



Tgt Ion:122 Resp: 28195
Ion Ratio Lower Upper
122 100
105 129.7 104.3 144.3
77 110.8 79.5 119.5





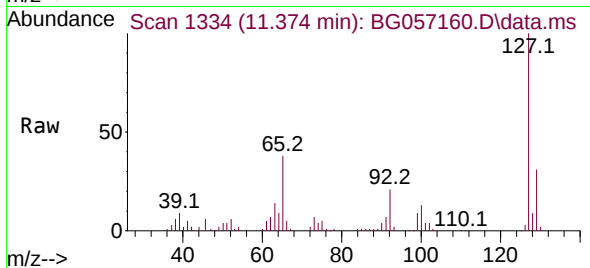
#33
4-Chloroaniline
Concen: 42.291 ng
RT: 11.374 min Scan# 1133
Delta R.T. -0.000 min
Lab File: BG057160.D
Acq: 24 Apr 2023 20:52

Instrument :

BNA_G

ClientSampleId :

ICVBG042423

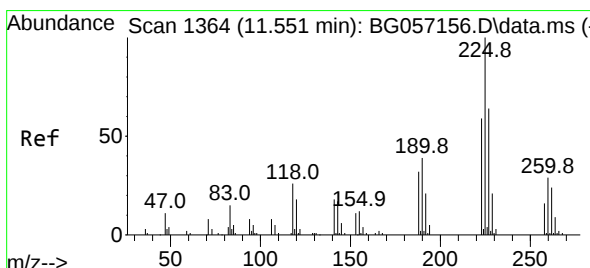
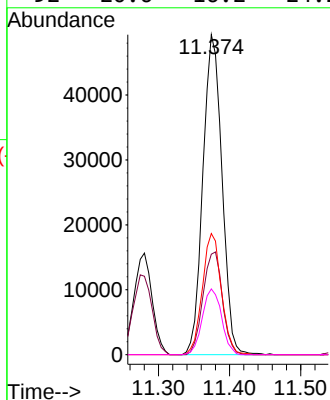
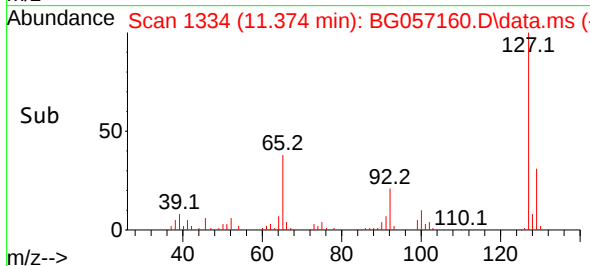


Tgt Ion:127 Resp: 92240
Ion Ratio Lower Upper
127 100
129 31.4 25.9 38.9
65 37.9 28.6 42.8
92 20.6 16.2 24.2

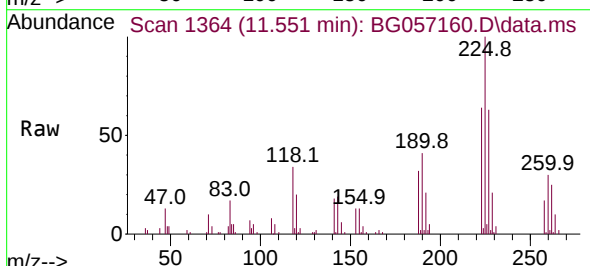
Manual Integrations

APPROVED

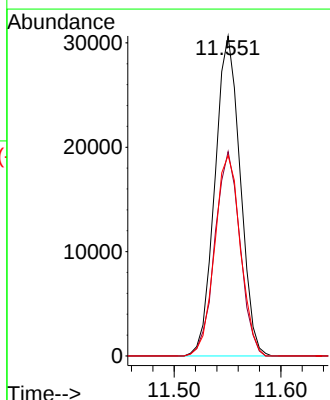
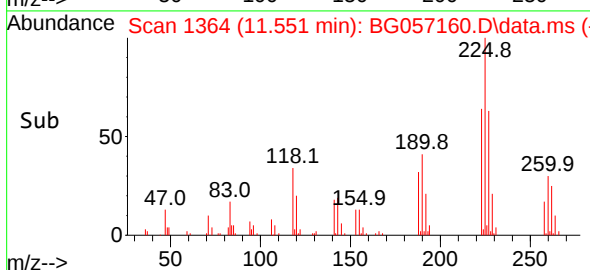
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

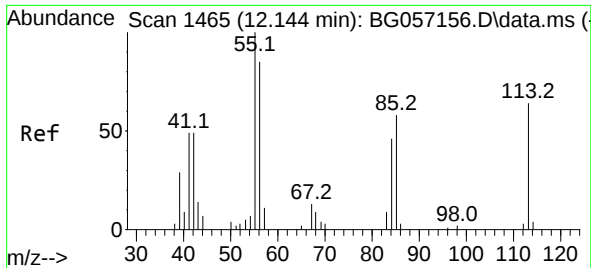


#34
Hexachlorobutadiene
Concen: 36.885 ng
RT: 11.551 min Scan# 1364
Delta R.T. -0.000 min
Lab File: BG057160.D
Acq: 24 Apr 2023 20:52



Tgt Ion:225 Resp: 50462
Ion Ratio Lower Upper
225 100
223 63.9 47.4 71.0
227 62.7 51.1 76.7





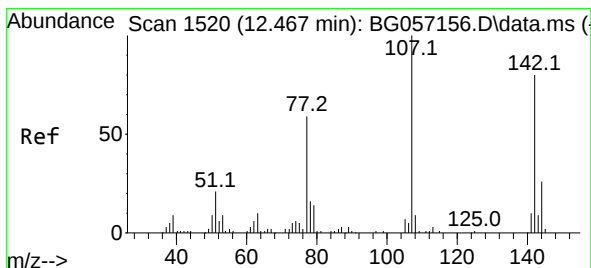
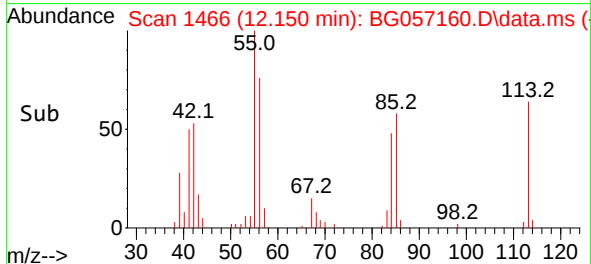
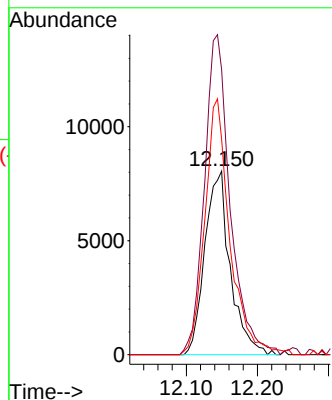
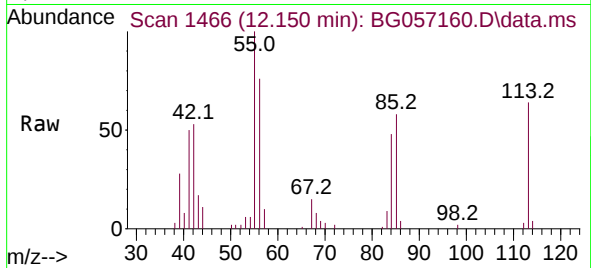
#35
Caprolactam
Concen: 47.588 ng
RT: 12.150 min Scan# 1466
Delta R.T. 0.006 min
Lab File: BG057160.D
Acq: 24 Apr 2023 20:52

Instrument :
BNA_G
ClientSampleId :
ICVBG042423

Tgt Ion:113 Resp: 1999
Ion Ratio Lower Upper
113 100
55 155.2 135.8 175.8
56 117.4 111.8 151.8

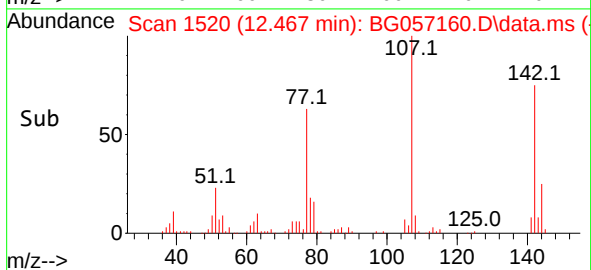
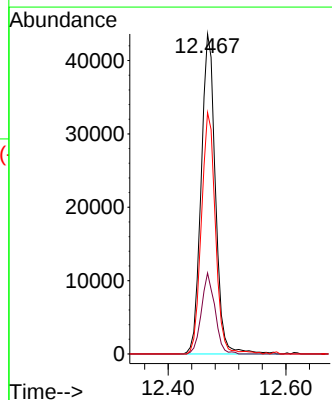
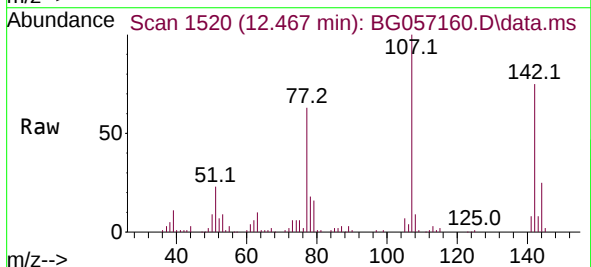
Manual Integrations
APPROVED

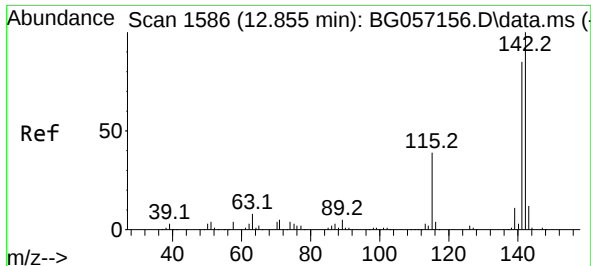
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#36
4-Chloro-3-methylphenol
Concen: 44.980 ng
RT: 12.467 min Scan# 1520
Delta R.T. -0.000 min
Lab File: BG057160.D
Acq: 24 Apr 2023 20:52

Tgt Ion:107 Resp: 73417
Ion Ratio Lower Upper
107 100
144 25.3 21.0 31.6
142 75.5 63.8 95.8





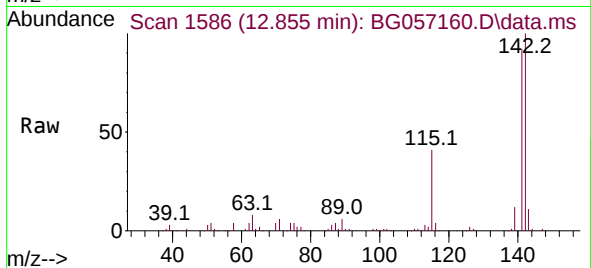
#37
2-Methylnaphthalene
Concen: 40.724 ng
RT: 12.855 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BG057160.D
Acq: 24 Apr 2023 20:52

Instrument :

BNA_G

ClientSampleId :

ICVBG042423

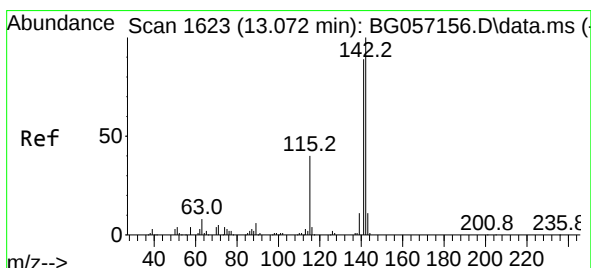
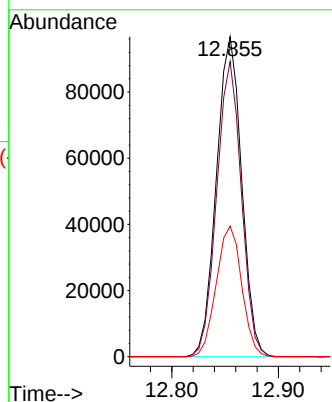
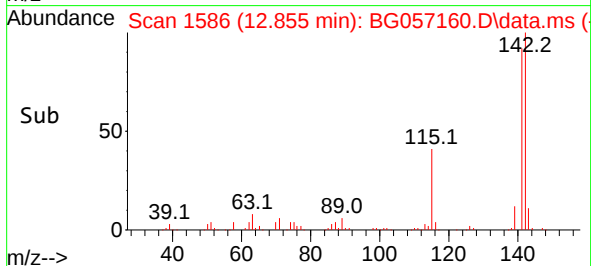


Tgt Ion:142 Resp: 158970
Ion Ratio Lower Upper
142 100
141 92.3 68.1 102.1
115 40.8 31.0 46.4

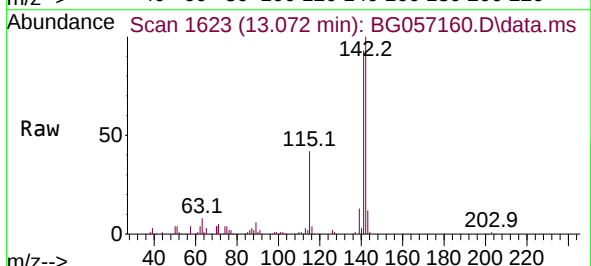
Manual Integrations

APPROVED

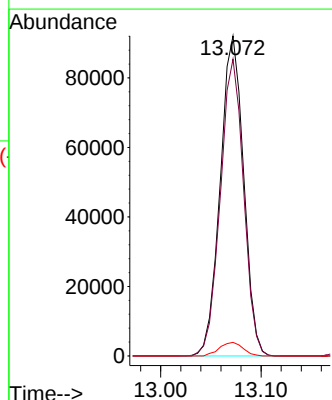
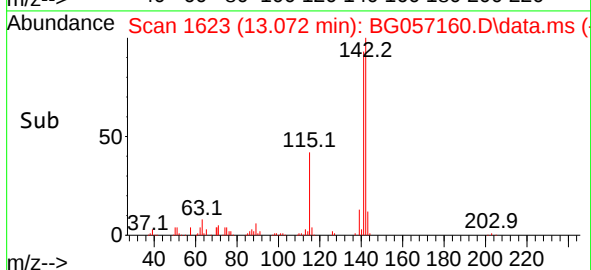
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

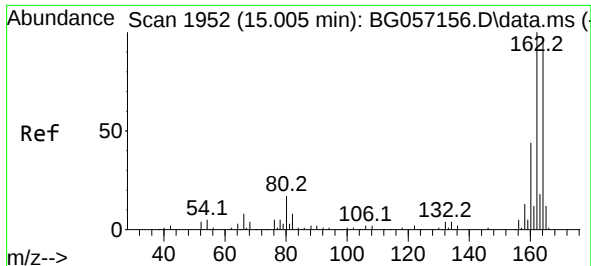


#38
1-Methylnaphthalene
Concen: 41.253 ng
RT: 13.072 min Scan# 1623
Delta R.T. -0.000 min
Lab File: BG057160.D
Acq: 24 Apr 2023 20:52



Tgt Ion:142 Resp: 148680
Ion Ratio Lower Upper
142 100
141 92.7 71.6 107.4
116 4.3 3.3 4.9





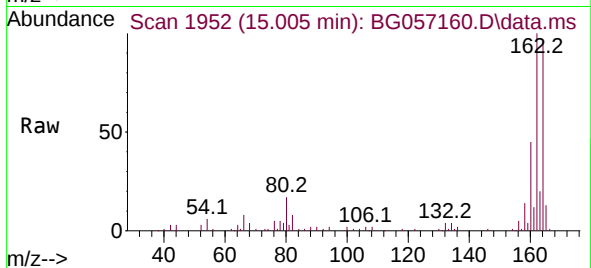
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.005 min Scan# 1952
Delta R.T. -0.000 min
Lab File: BG057160.D
Acq: 24 Apr 2023 20:52

Instrument :

BNA_G

ClientSampleId :

ICVBG042423

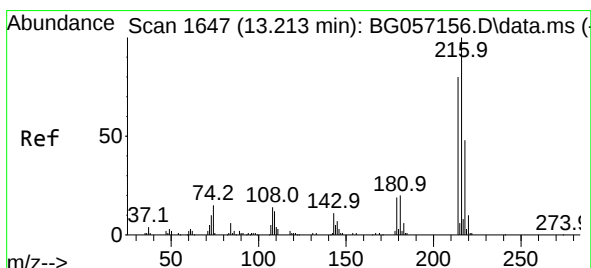
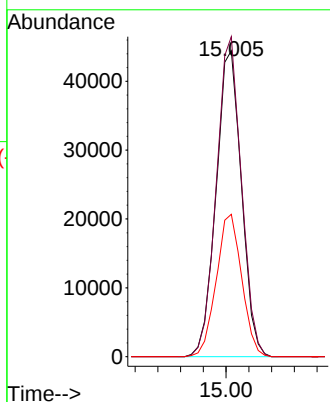
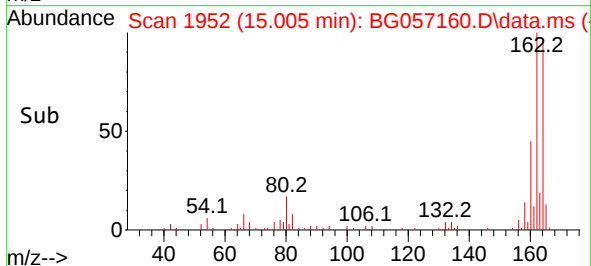


Tgt Ion:164 Resp: 6886
Ion Ratio Lower Upper
164 100
162 104.6 82.4 123.6
160 46.6 36.2 54.2

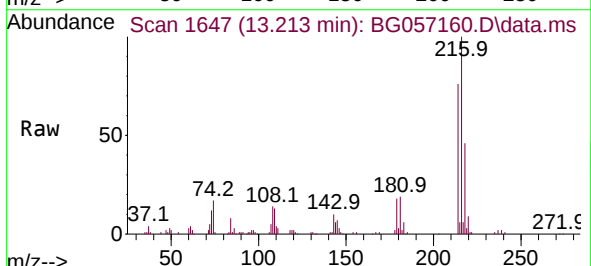
Manual Integrations

APPROVED

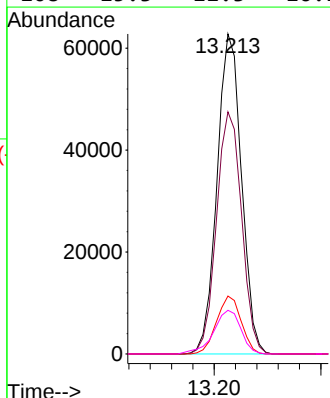
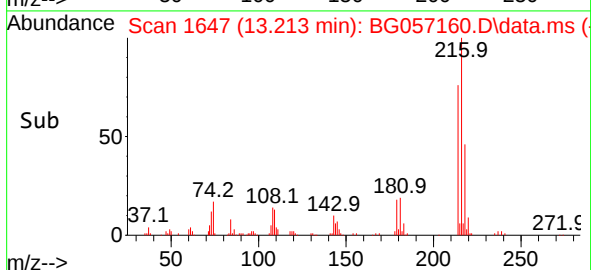
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

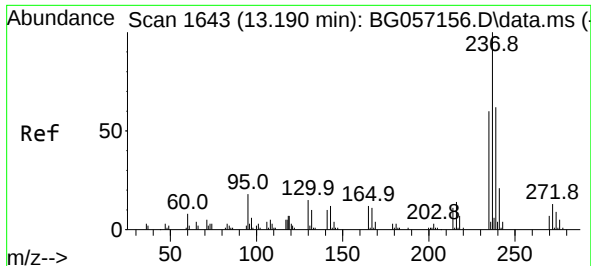


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.616 ng
RT: 13.213 min Scan# 1647
Delta R.T. -0.000 min
Lab File: BG057160.D
Acq: 24 Apr 2023 20:52



Tgt Ion:216 Resp: 99821
Ion Ratio Lower Upper
216 100
214 77.7 62.3 93.5
179 18.2 14.8 22.2
108 15.3 11.3 16.9





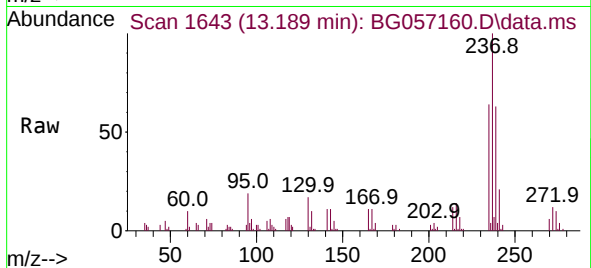
#41
Hexachlorocyclopentadiene
Concen: 40.211 ng
RT: 13.189 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG057160.D
Acq: 24 Apr 2023 20:52

Instrument :

BNA_G

ClientSampleId :

ICVBG042423

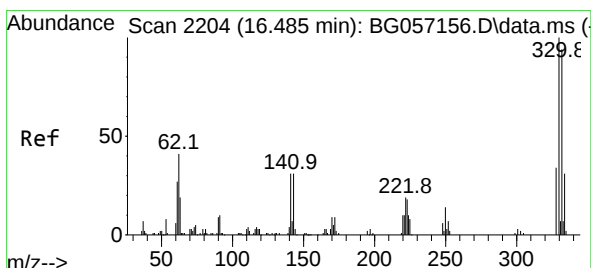
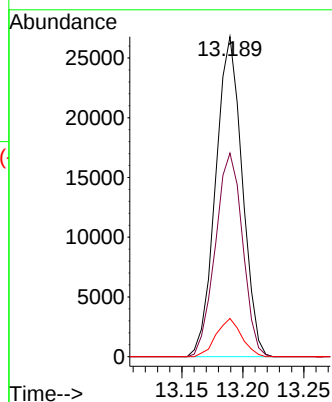
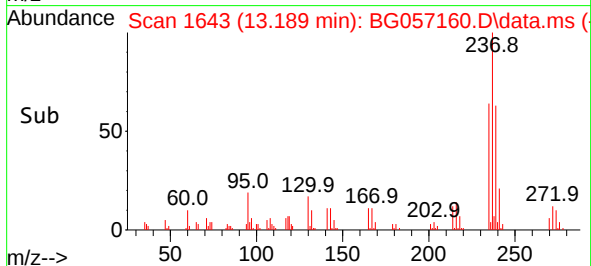


Tgt Ion:237 Resp: 4064
Ion Ratio Lower Upper
237 100
235 63.6 39.7 79.7
272 11.9 0.0 32.6

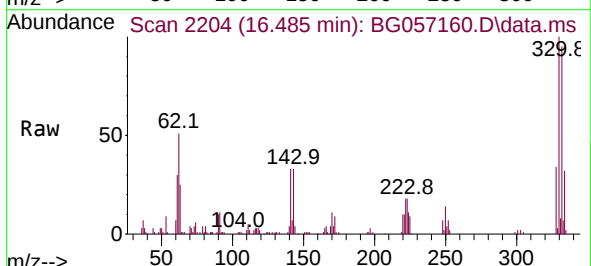
Manual Integrations

APPROVED

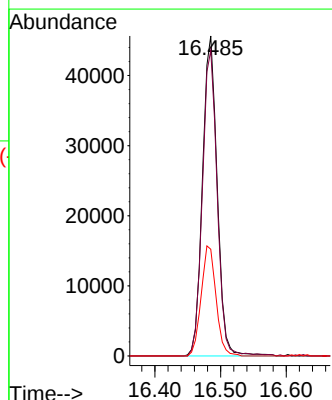
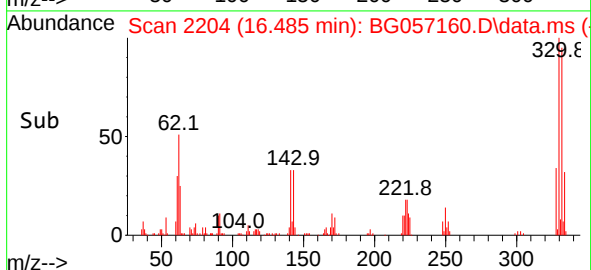
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

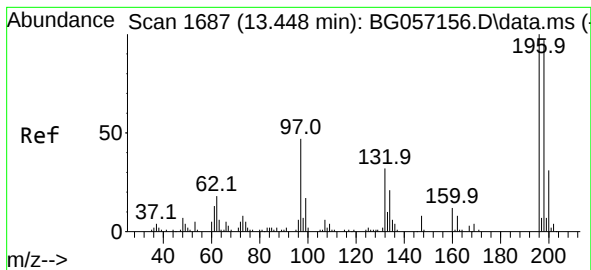


#42
2,4,6-Tribromophenol
Concen: 78.426 ng
RT: 16.485 min Scan# 2204
Delta R.T. -0.000 min
Lab File: BG057160.D
Acq: 24 Apr 2023 20:52



Tgt Ion:330 Resp: 71255
Ion Ratio Lower Upper
330 100
332 96.1 77.6 116.4
141 34.7 26.0 39.0





#43
2,4,6-Trichlorophenol
Concen: 43.405 ng
RT: 13.448 min Scan# 1690
Delta R.T. -0.000 min
Lab File: BG057160.D
Acq: 24 Apr 2023 20:52

Instrument :

BNA_G

ClientSampleId :

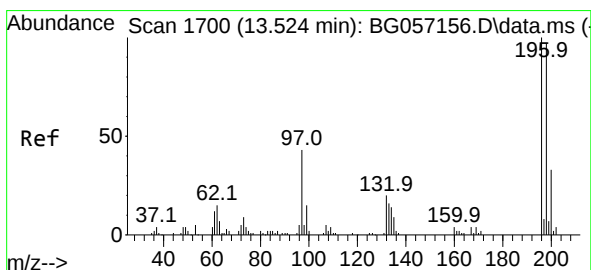
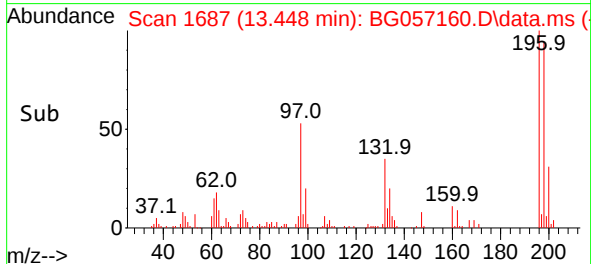
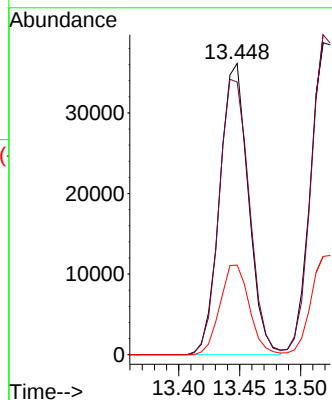
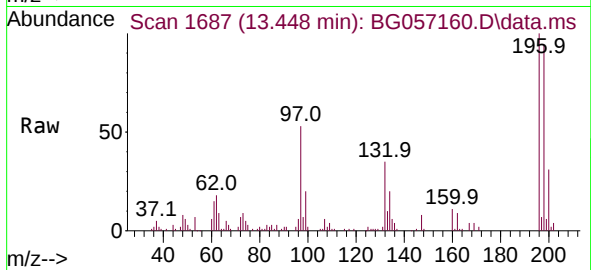
ICVBG042423

Tgt Ion:196 Resp: 59209
Ion Ratio Lower Upper
196 100
198 93.6 77.5 116.3
200 30.8 24.6 37.0

Manual Integrations

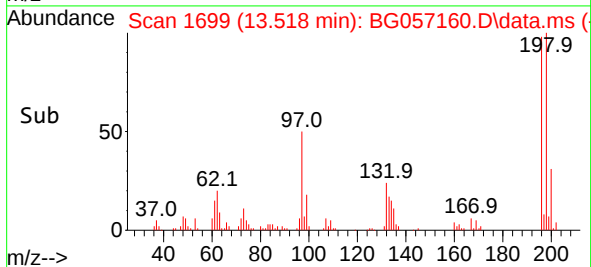
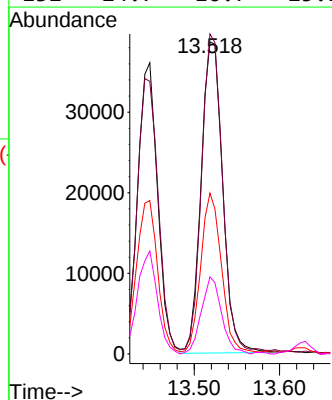
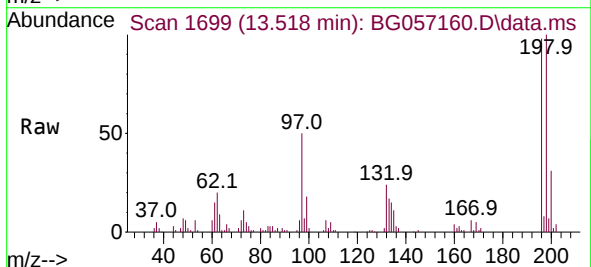
APPROVED

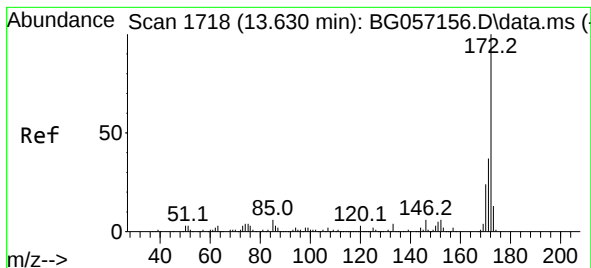
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#44
2,4,5-Trichlorophenol
Concen: 41.255 ng
RT: 13.518 min Scan# 1699
Delta R.T. -0.006 min
Lab File: BG057160.D
Acq: 24 Apr 2023 20:52

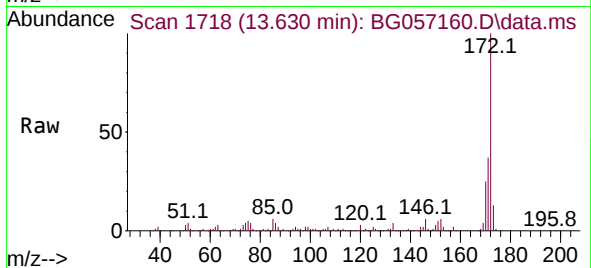
Tgt Ion:196 Resp: 67941
Ion Ratio Lower Upper
196 100
198 102.5 78.4 117.6
97 51.5 34.6 51.8
132 24.7 16.7 25.1





#45
2-Fluorobiphenyl
Concen: 80.464 ng
RT: 13.630 min Scan# 1718
Delta R.T. -0.000 min
Lab File: BG057160.D
Acq: 24 Apr 2023 20:52

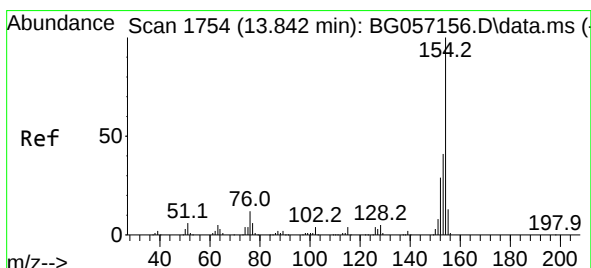
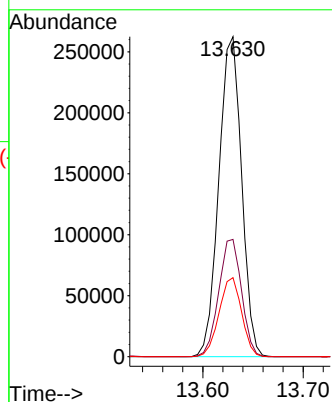
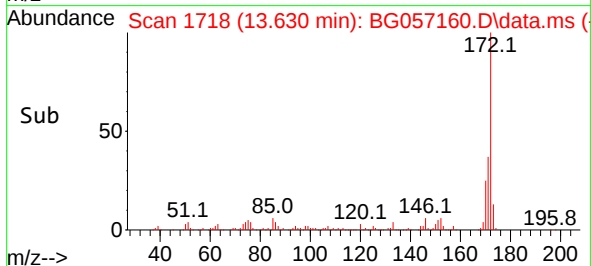
Instrument :
BNA_G
ClientSampleId :
ICVBG042423



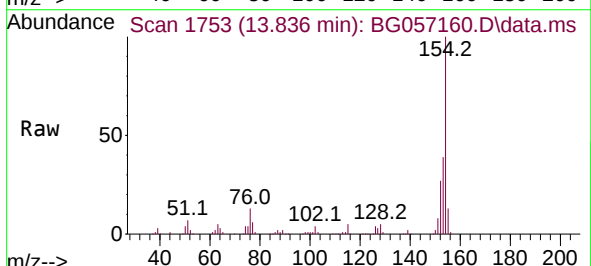
Tgt Ion:172 Resp: 41229
Ion Ratio Lower Upper
172 100
171 36.7 29.2 43.8
170 24.7 19.4 29.2

Manual Integrations
APPROVED

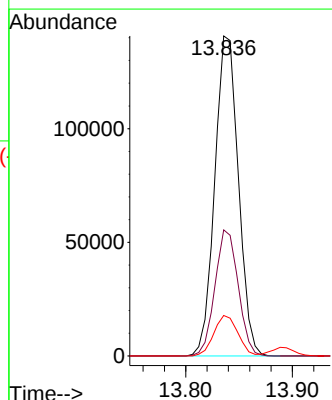
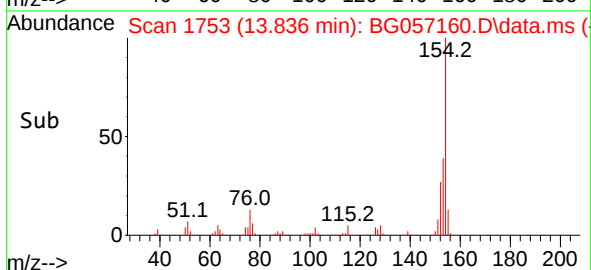
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

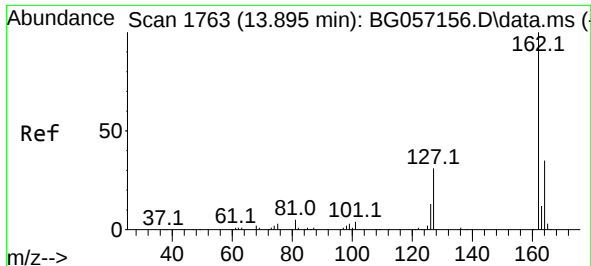


#46
1,1'-Biphenyl
Concen: 42.097 ng
RT: 13.836 min Scan# 1753
Delta R.T. -0.006 min
Lab File: BG057160.D
Acq: 24 Apr 2023 20:52



Tgt Ion:154 Resp: 216073
Ion Ratio Lower Upper
154 100
153 39.4 20.9 60.9
76 12.6 0.0 32.3





#47

2-Chloronaphthalene

Concen: 40.780 ng

RT: 13.889 min Scan# 1762

Delta R.T. -0.006 min

Lab File: BG057160.D

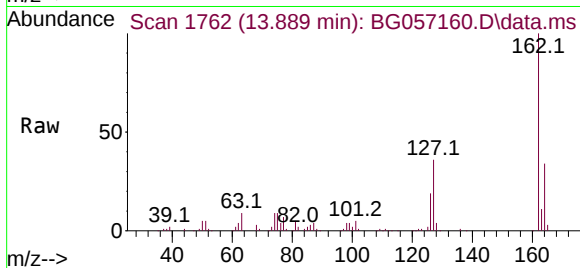
Acq: 24 Apr 2023 20:52

Instrument :

BNA_G

ClientSampleId :

ICVBG042423



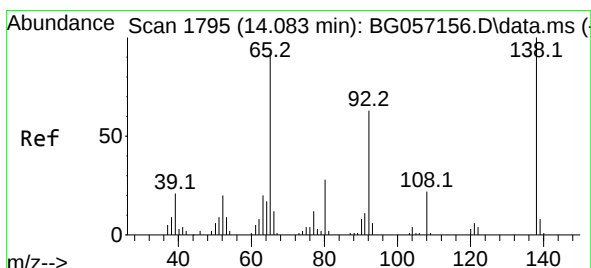
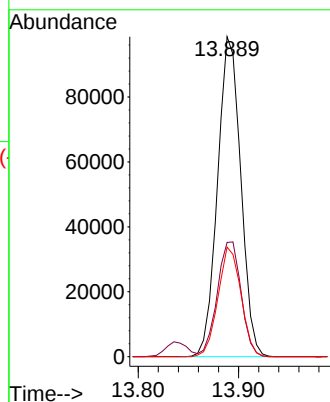
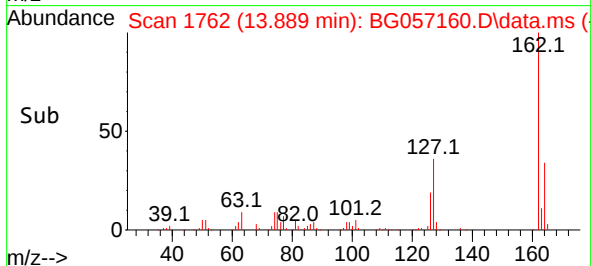
Tgt Ion:	162	Resp:	157979
Ion Ratio	Lower	Upper	
162	100		
127	35.7	28.7	43.1
164	34.2	27.8	41.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/25/2023

Supervised By :Jagrut Upadhyay 04/25/2023



#48

2-Nitroaniline

Concen: 47.345 ng

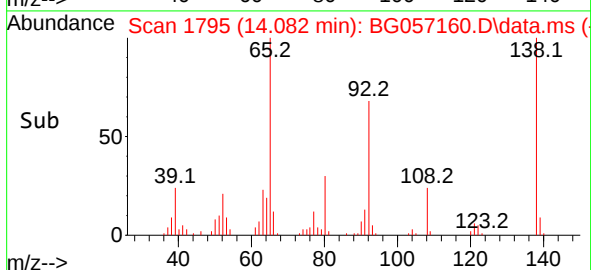
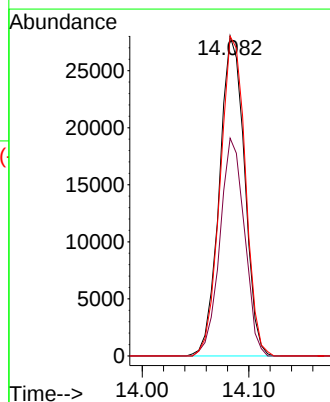
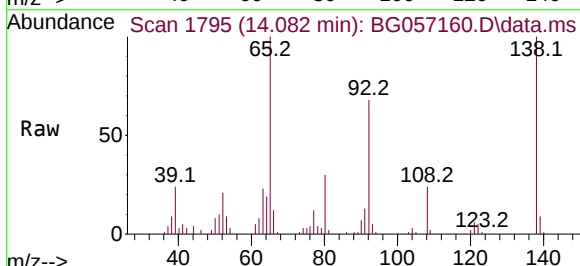
RT: 14.082 min Scan# 1795

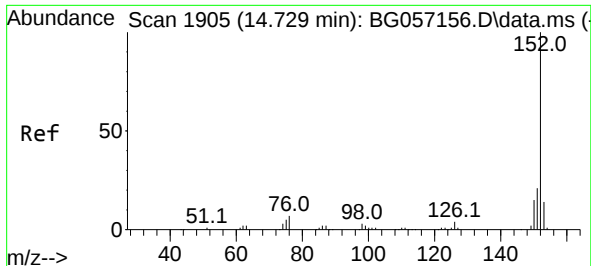
Delta R.T. -0.001 min

Lab File: BG057160.D

Acq: 24 Apr 2023 20:52

Tgt Ion:	65	Resp:	45764
Ion Ratio	Lower	Upper	
65	100		
92	68.0	54.9	82.3
138	99.9	86.6	129.8





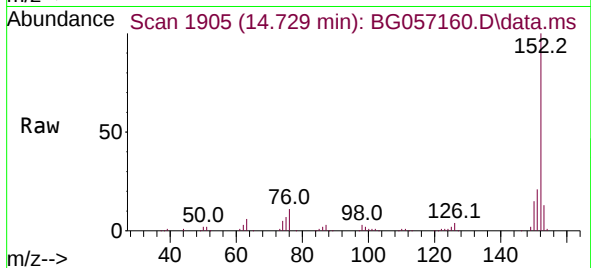
#49
Acenaphthylene
Concen: 41.508 ng
RT: 14.729 min Scan# 1905
Delta R.T. -0.000 min
Lab File: BG057160.D
Acq: 24 Apr 2023 20:52

Instrument :

BNA_G

ClientSampleId :

ICVBG042423

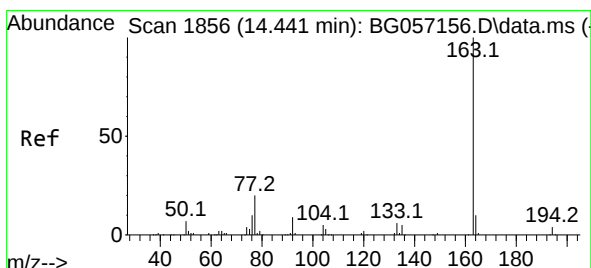
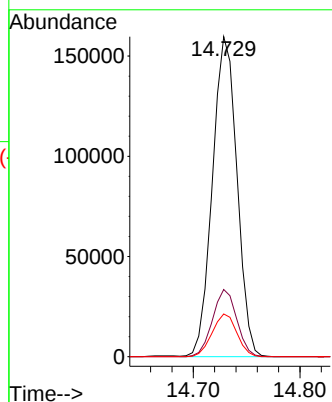
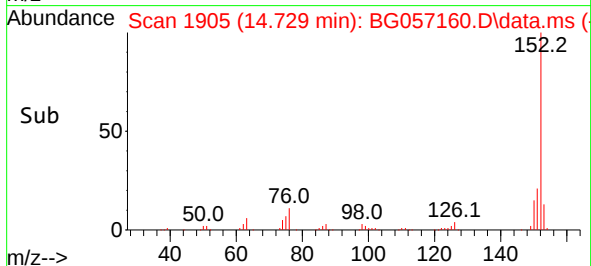


Tgt Ion:152 Resp: 25526
Ion Ratio Lower Upper
152 100
151 21.0 16.9 25.3
153 13.3 11.0 16.6

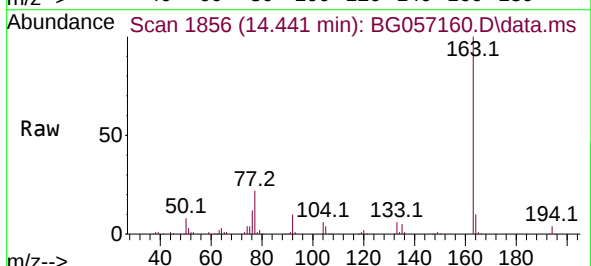
Manual Integrations

APPROVED

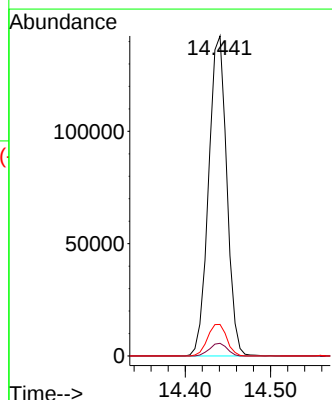
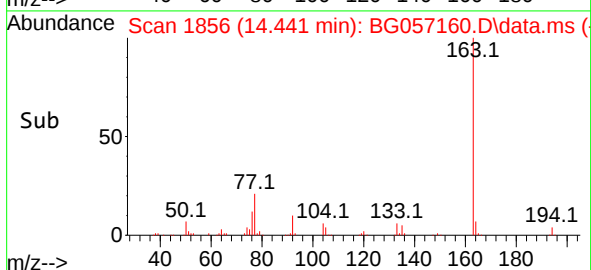
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

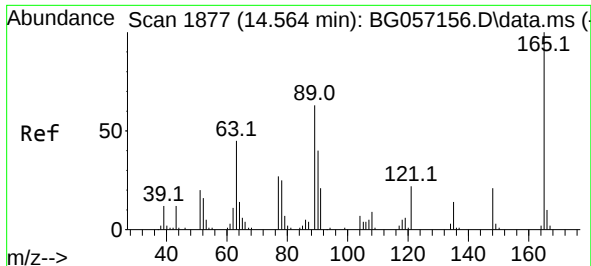


#50
Dimethylphthalate
Concen: 43.565 ng
RT: 14.441 min Scan# 1856
Delta R.T. -0.000 min
Lab File: BG057160.D
Acq: 24 Apr 2023 20:52



Tgt Ion:163 Resp: 210543
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 9.9 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 45.919 ng
RT: 14.564 min Scan# 1877
Delta R.T. 0.000 min
Lab File: BG057160.D
Acq: 24 Apr 2023 20:52

Instrument :

BNA_G

ClientSampleId :

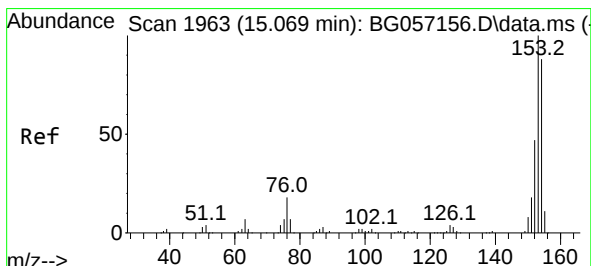
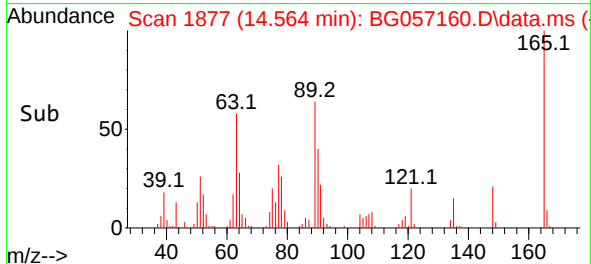
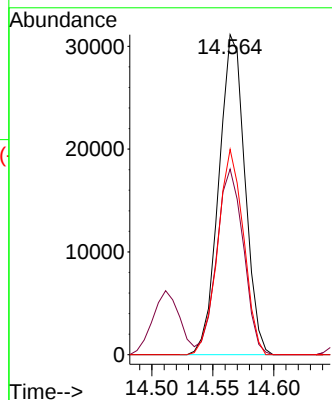
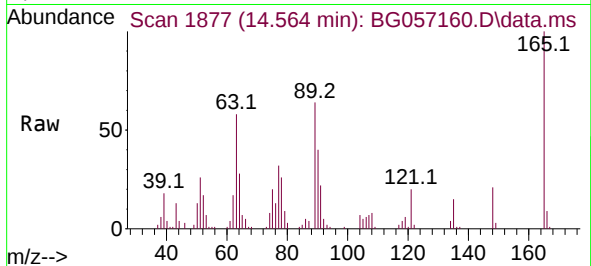
ICVBG042423

Tgt Ion:165 Resp: 4632
Ion Ratio Lower Upper
165 100
63 58.0 45.5 68.3
89 64.1 50.1 75.1

Manual Integrations

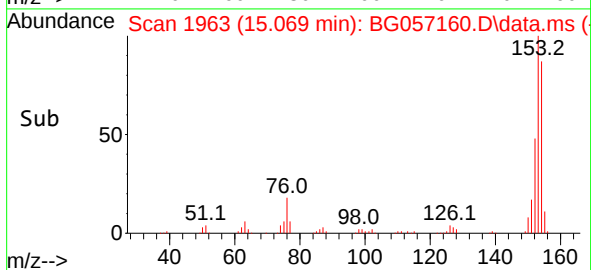
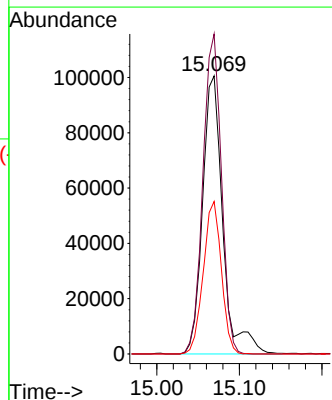
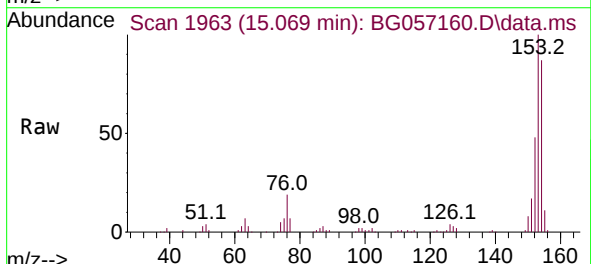
APPROVED

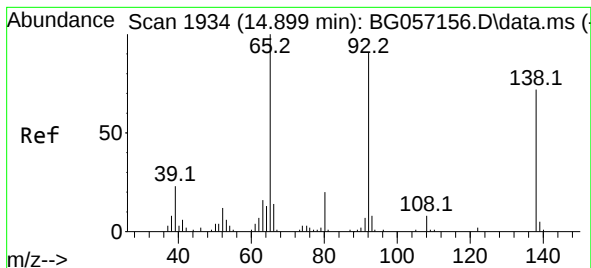
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#52
Acenaphthene
Concen: 42.590 ng m
RT: 15.069 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BG057160.D
Acq: 24 Apr 2023 20:52

Tgt Ion:154 Resp: 171124
Ion Ratio Lower Upper
154 100
153 115.1 91.0 136.4
152 54.8 43.0 64.6





#53
3-Nitroaniline
Concen: 45.286 ng
RT: 14.899 min Scan# 1934
Delta R.T. -0.000 min
Lab File: BG057160.D
Acq: 24 Apr 2023 20:52

Instrument :

BNA_G

ClientSampleId :

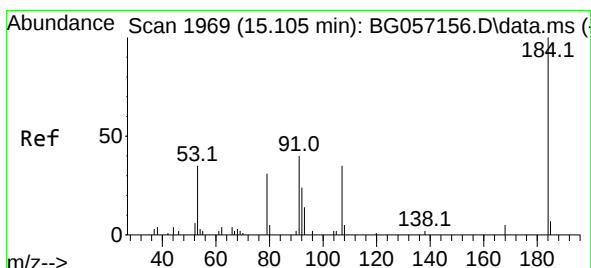
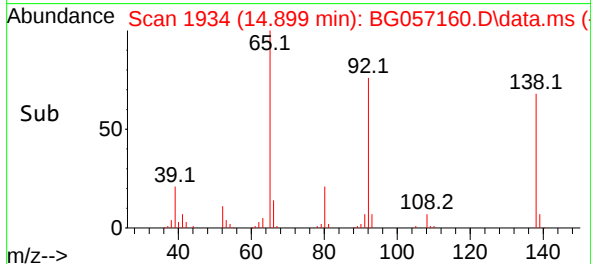
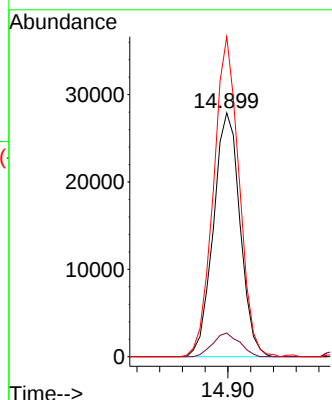
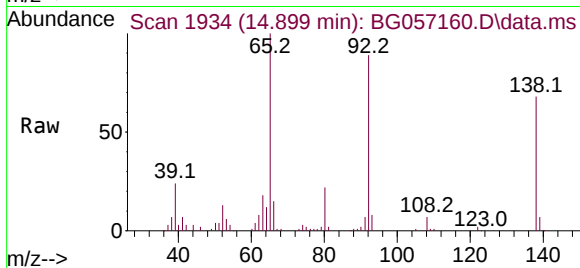
ICVBG042423

Tgt Ion:138 Resp: 45364
Ion Ratio Lower Upper
138 100
108 9.7 8.8 13.2
92 131.2 101.4 152.2

Manual Integrations

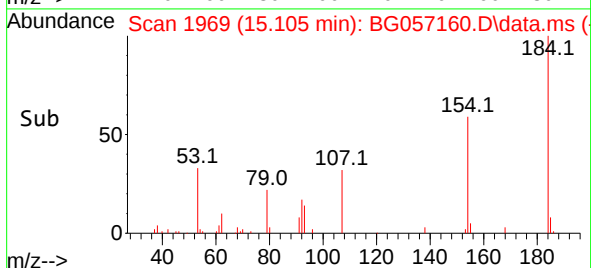
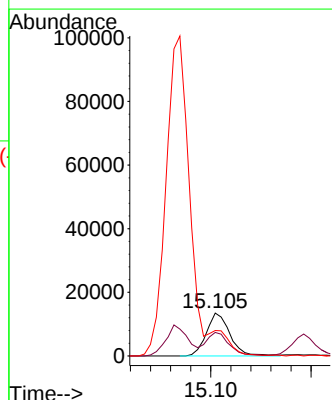
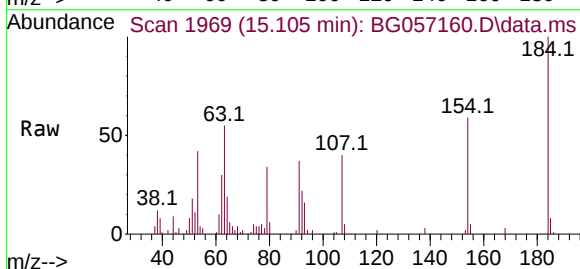
APPROVED

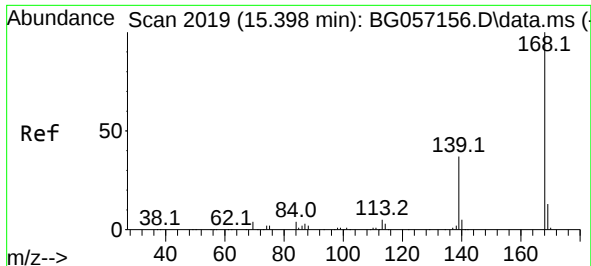
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#54
2,4-Dinitrophenol
Concen: 41.860 ng
RT: 15.105 min Scan# 1969
Delta R.T. -0.000 min
Lab File: BG057160.D
Acq: 24 Apr 2023 20:52

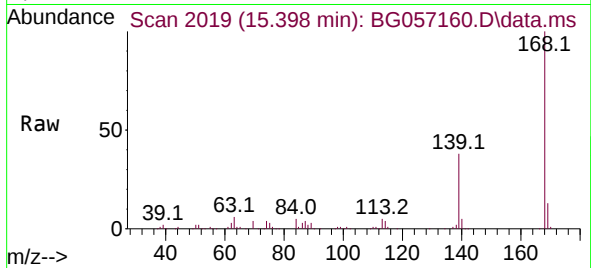
Tgt Ion:184 Resp: 22019
Ion Ratio Lower Upper
184 100
63 54.7 43.4 65.0
154 59.4 45.2 67.8





#55
Dibenzenofuran
Concen: 40.329 ng
RT: 15.398 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BG057160.D
Acq: 24 Apr 2023 20:52

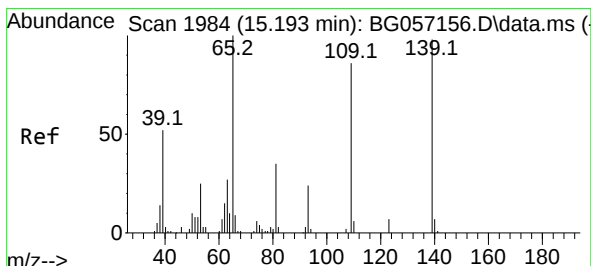
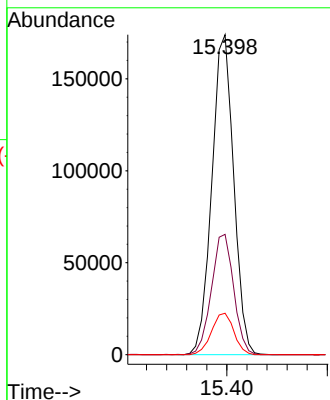
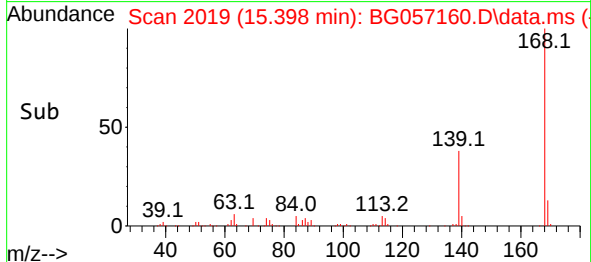
Instrument :
BNA_G
ClientSampleId :
ICVBG042423



Tgt Ion:168 Resp: 262549
Ion Ratio Lower Upper
168 100
139 37.6 29.2 43.8
169 13.0 10.6 15.8

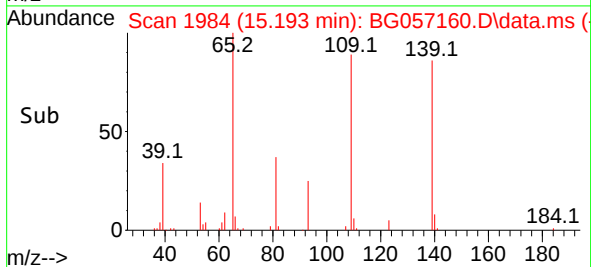
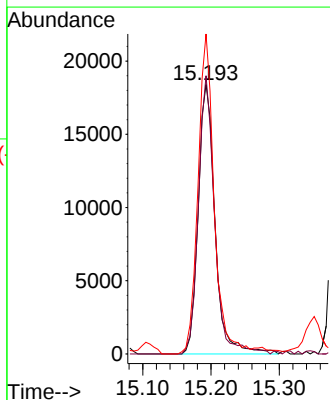
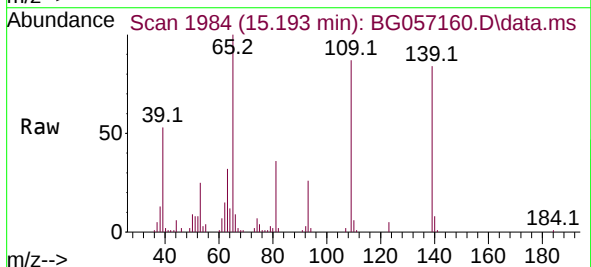
Manual Integrations
APPROVED

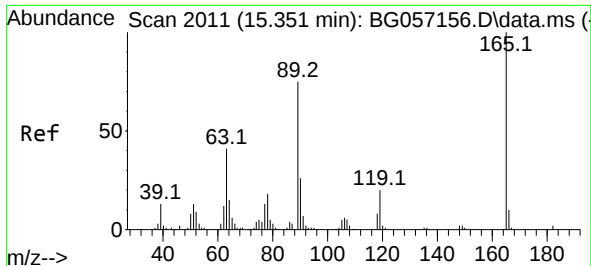
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#56
4-Nitrophenol
Concen: 45.017 ng
RT: 15.193 min Scan# 1984
Delta R.T. -0.000 min
Lab File: BG057160.D
Acq: 24 Apr 2023 20:52

Tgt Ion:139 Resp: 31741
Ion Ratio Lower Upper
139 100
109 103.3 67.3 107.3
65 118.8 82.0 122.0





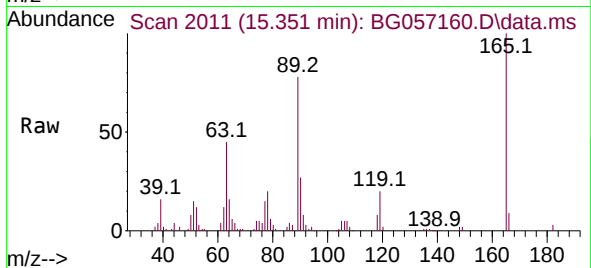
#57
2,4-Dinitrotoluene
Concen: 45.243 ng
RT: 15.351 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BG057160.D
Acq: 24 Apr 2023 20:52

Instrument :

BNA_G

ClientSampleId :

ICVBG042423

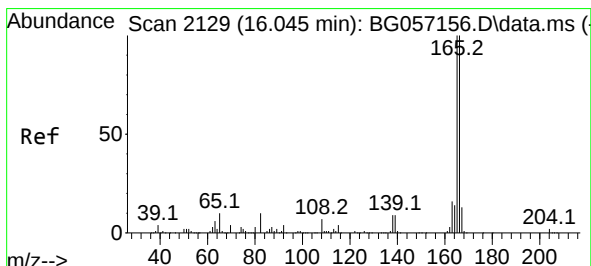
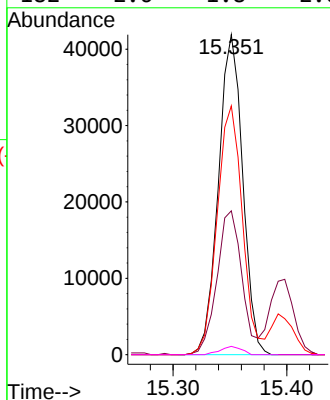
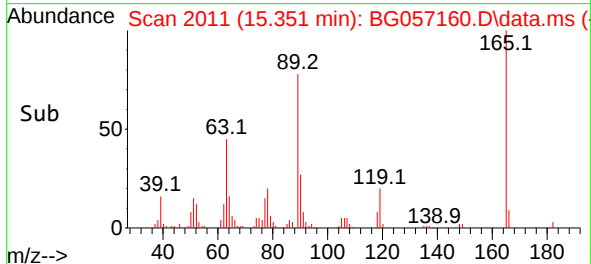


Tgt Ion:165 Resp: 6215
Ion Ratio Lower Upper
165 100
63 45.0 33.0 49.4
89 77.8 60.0 90.0
182 2.6 1.8 2.6

Manual Integrations

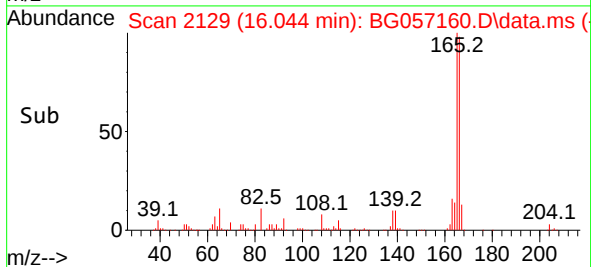
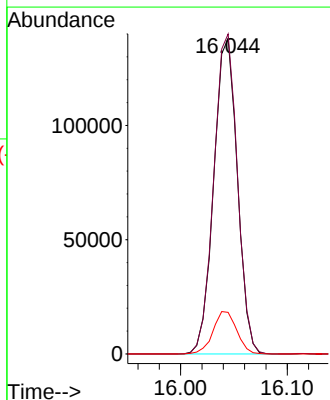
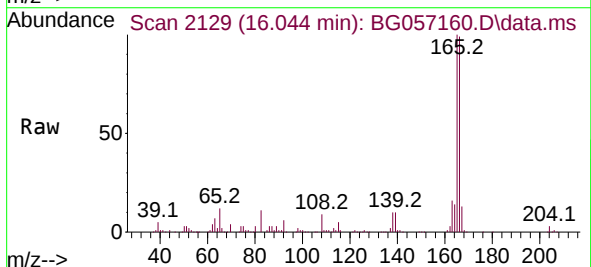
APPROVED

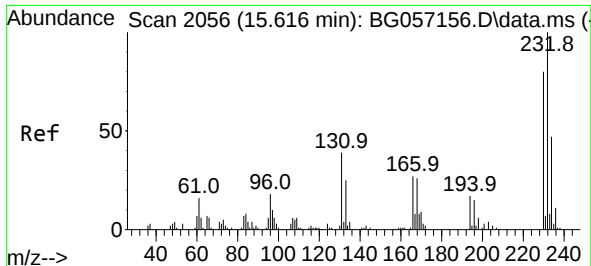
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#58
Fluorene
Concen: 40.389 ng
RT: 16.044 min Scan# 2129
Delta R.T. -0.000 min
Lab File: BG057160.D
Acq: 24 Apr 2023 20:52

Tgt Ion:166 Resp: 211696
Ion Ratio Lower Upper
166 100
165 101.4 79.8 119.6
167 13.2 10.7 16.1





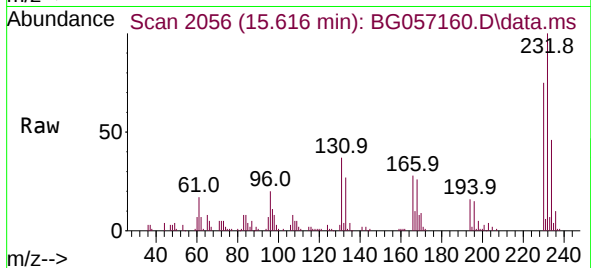
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.185 ng
RT: 15.616 min Scan# 2056
Delta R.T. -0.000 min
Lab File: BG057160.D
Acq: 24 Apr 2023 20:52

Instrument :

BNA_G

ClientSampleId :

ICVBG042423

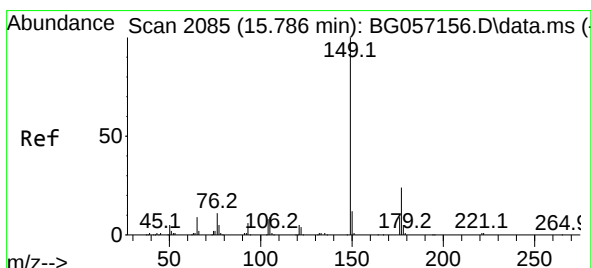
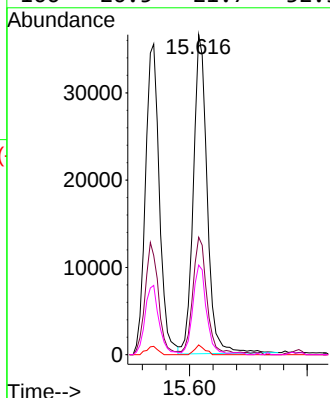
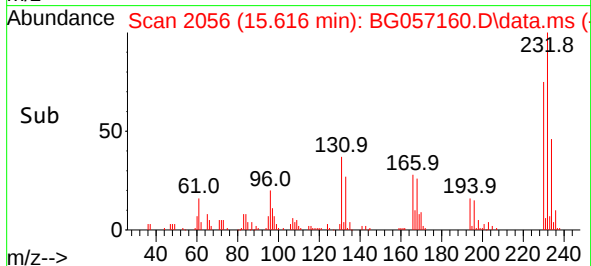


Tgt Ion:232 Resp: 59508
Ion Ratio Lower Upper
232 100
131 35.8 30.8 46.2
130 2.2 1.6 2.4
166 26.5 21.7 32.5

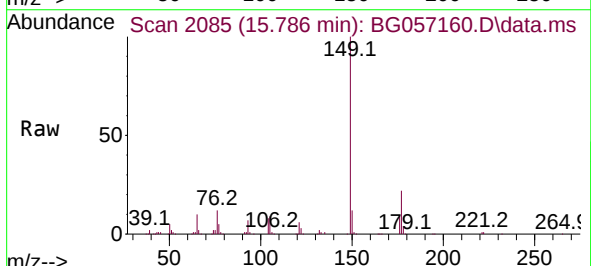
Manual Integrations

APPROVED

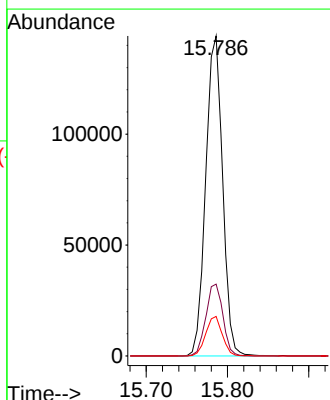
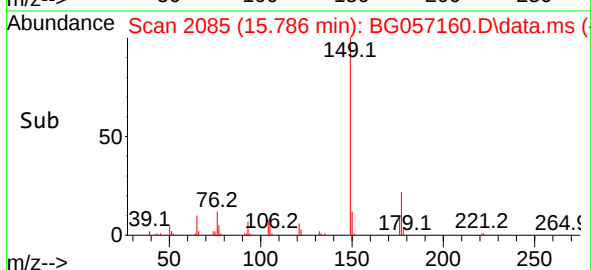
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

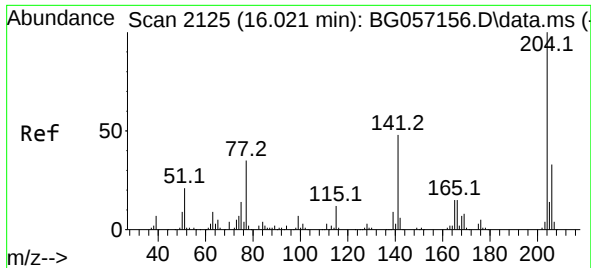


#60
Diethylphthalate
Concen: 44.559 ng
RT: 15.786 min Scan# 2085
Delta R.T. -0.000 min
Lab File: BG057160.D
Acq: 24 Apr 2023 20:52



Tgt Ion:149 Resp: 207579
Ion Ratio Lower Upper
149 100
177 22.4 19.0 28.4
150 12.4 9.8 14.8





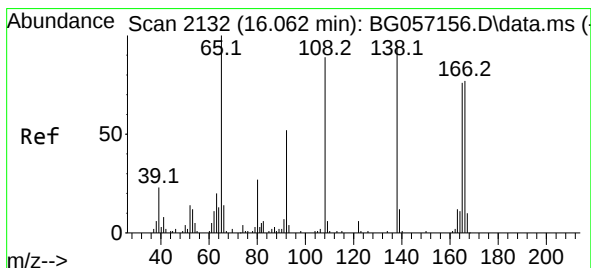
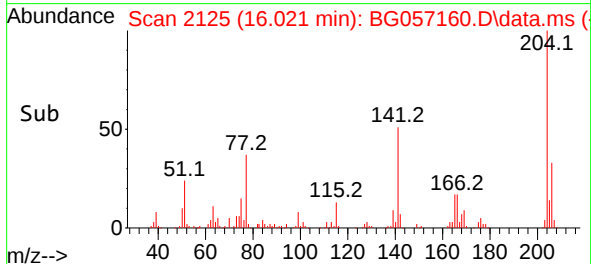
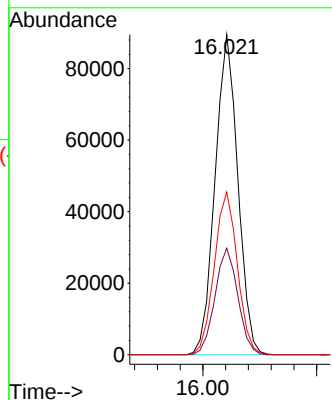
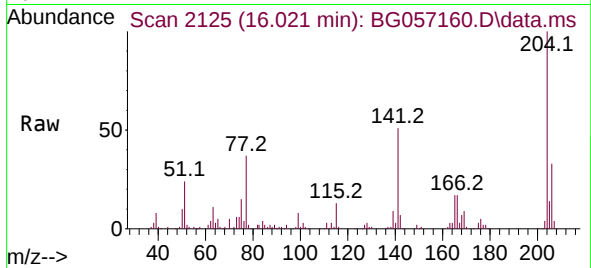
#61
4-Chlorophenyl-phenylether
Concen: 39.462 ng
RT: 16.021 min Scan# 2125
Delta R.T. -0.000 min
Lab File: BG057160.D
Acq: 24 Apr 2023 20:52

Instrument :
BNA_G
ClientSampleId :
ICVBG042423

Tgt Ion:204 Resp: 124144
Ion Ratio Lower Upper
204 100
206 33.3 26.3 39.5
141 50.8 38.6 57.8

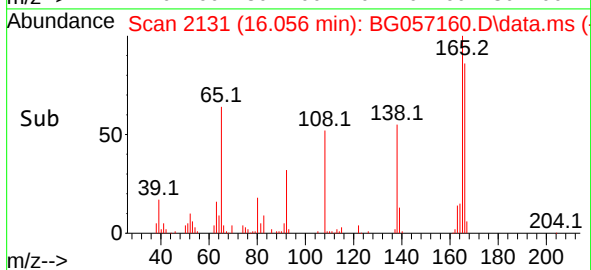
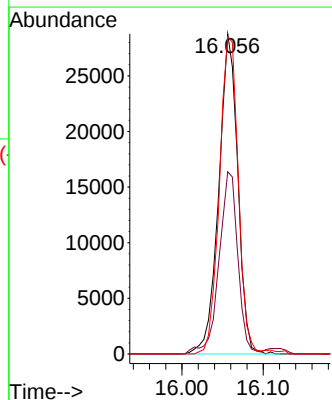
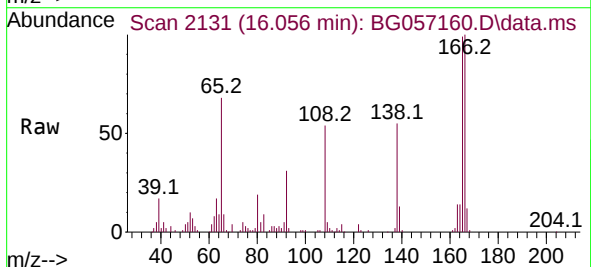
Manual Integrations
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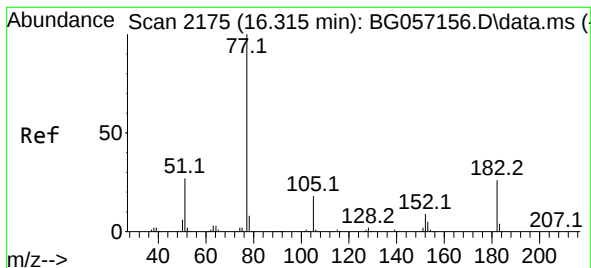
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#62
4-Nitroaniline
Concen: 46.408 ng
RT: 16.056 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BG057160.D
Acq: 24 Apr 2023 20:52

Tgt Ion:138 Resp: 46811
Ion Ratio Lower Upper
138 100
92 56.9 34.9 74.9
108 99.0 73.0 113.0





#63

Azobenzene

Concen: 46.898 ng

RT: 16.315 min Scan# 2175

Delta R.T. -0.000 min

Lab File: BG057160.D

Acq: 24 Apr 2023 20:52

Instrument :

BNA_G

ClientSampleId :

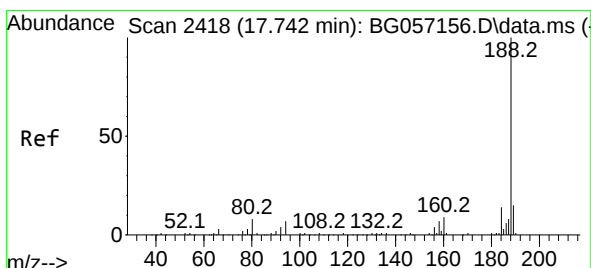
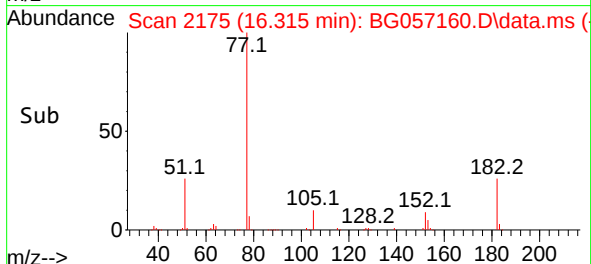
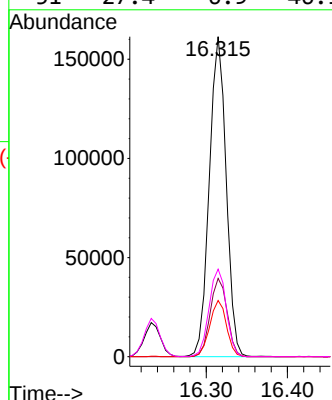
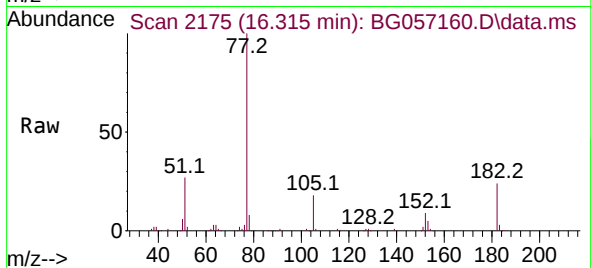
ICVBG042423

Tgt Ion:	77	Resp:	232409
Ion	Ratio	Lower	Upper
77	100		
182	24.4	6.1	46.1
105	17.6	0.0	38.4
51	27.4	6.9	46.9

Manual Integrations

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Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#64

Phenanthrene-d10

Concen: 20.000 ng

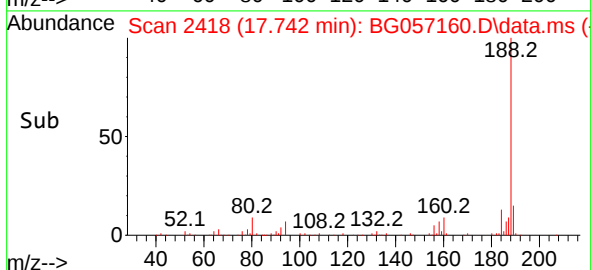
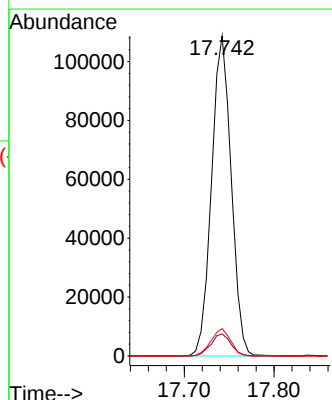
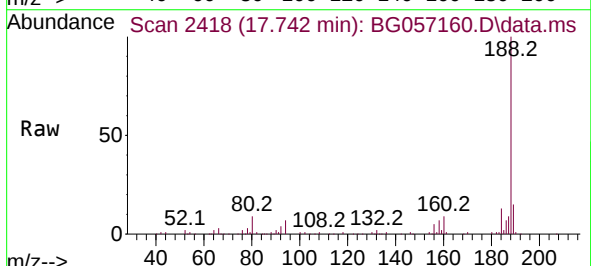
RT: 17.742 min Scan# 2418

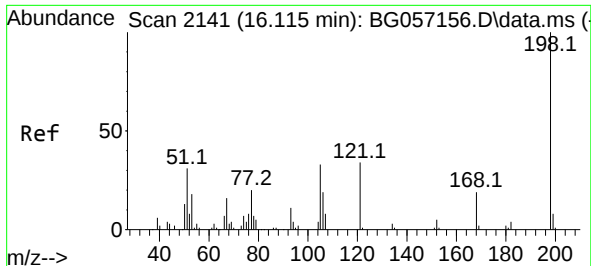
Delta R.T. 0.000 min

Lab File: BG057160.D

Acq: 24 Apr 2023 20:52

Tgt Ion:	188	Resp:	164869
Ion	Ratio	Lower	Upper
188	100		
94	6.8	5.4	8.0
80	8.6	6.2	9.2





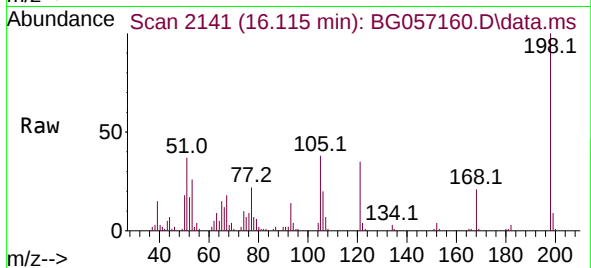
#65
 4,6-Dinitro-2-methylphenol
 Concen: 42.691 ng
 RT: 16.115 min Scan# 2141
 Delta R.T. -0.000 min
 Lab File: BG057160.D
 Acq: 24 Apr 2023 20:52

Instrument :

BNA_G

ClientSampleId :

ICVBG042423

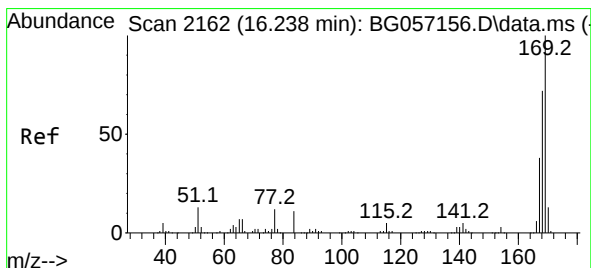
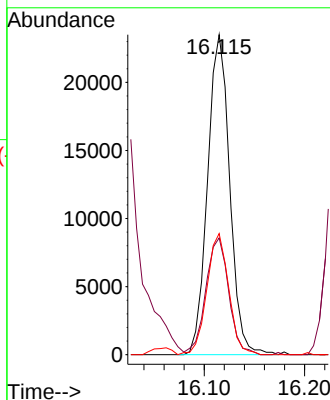
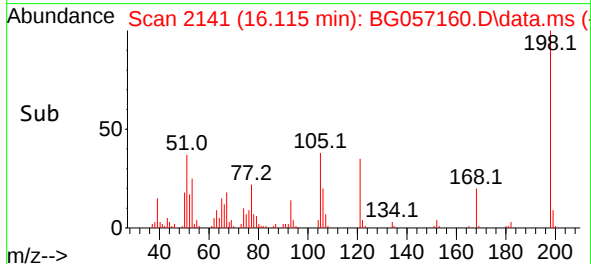


Tgt Ion:198 Resp: 3601
 Ion Ratio Lower Upper
 198 100
 51 36.5 13.1 53.1
 105 37.8 14.1 54.1

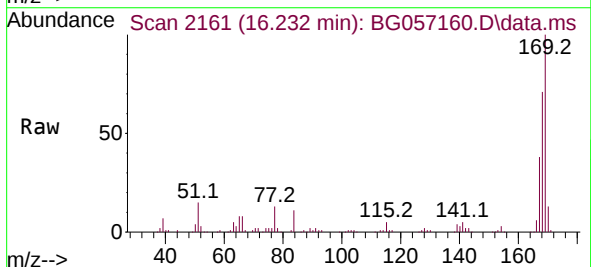
Manual Integrations

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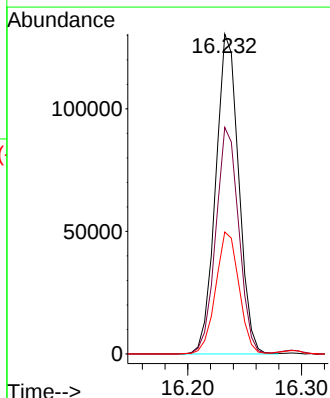
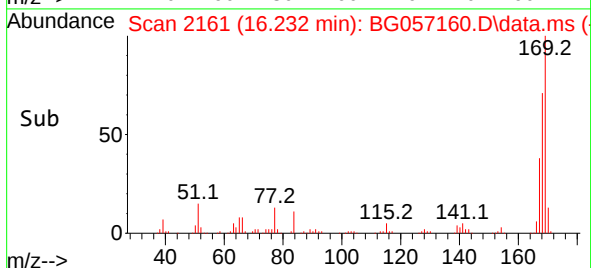
Reviewed By :Christian Giraldo 04/25/2023
 Supervised By :Jagrut Upadhyay 04/25/2023

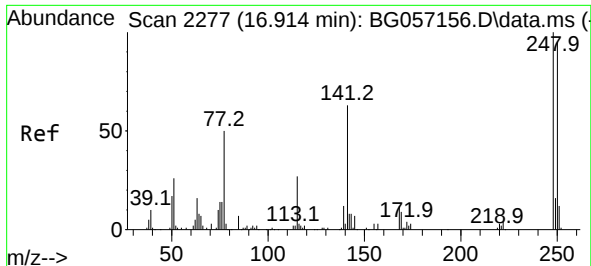


#66
 n-Nitrosodiphenylamine
 Concen: 42.622 ng
 RT: 16.232 min Scan# 2161
 Delta R.T. -0.006 min
 Lab File: BG057160.D
 Acq: 24 Apr 2023 20:52



Tgt Ion:169 Resp: 183357
 Ion Ratio Lower Upper
 169 100
 168 70.8 57.8 86.6
 167 38.1 30.5 45.7





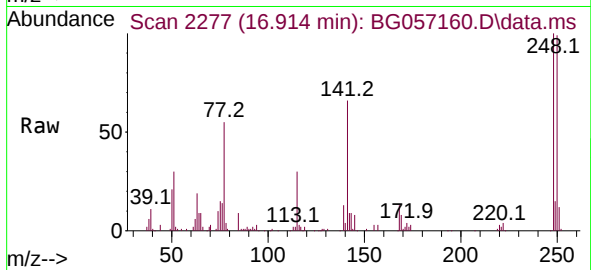
#67
4-Bromophenyl-phenylether
Concen: 39.061 ng
RT: 16.914 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG057160.D
Acq: 24 Apr 2023 20:52

Instrument :

BNA_G

ClientSampleId :

ICVBG042423

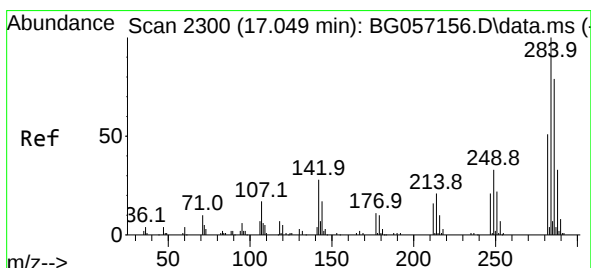
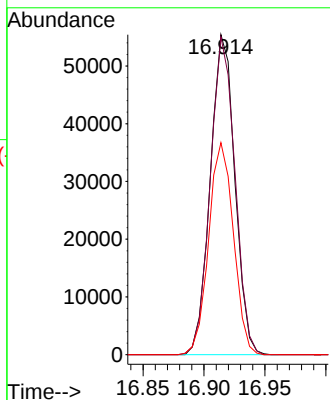
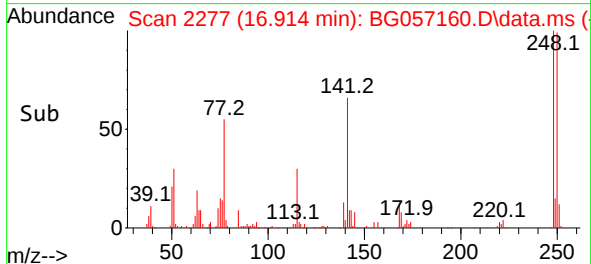


Tgt Ion:248 Resp: 7744
Ion Ratio Lower Upper
248 100
250 99.3 75.8 113.8
141 66.3 50.1 75.1

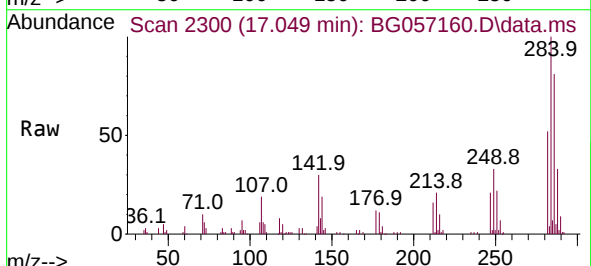
Manual Integrations

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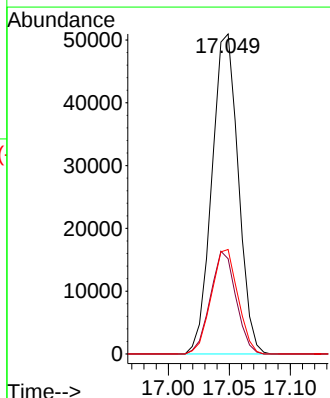
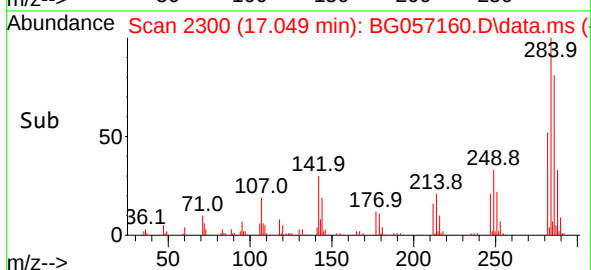
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

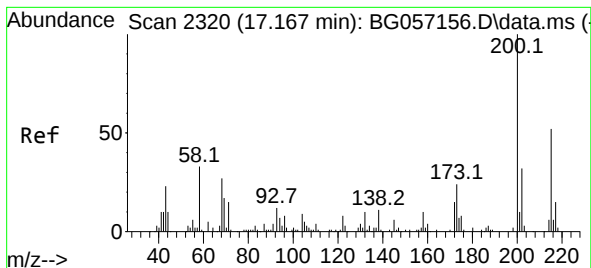


#68
Hexachlorobenzene
Concen: 37.728 ng
RT: 17.049 min Scan# 2300
Delta R.T. -0.000 min
Lab File: BG057160.D
Acq: 24 Apr 2023 20:52



Tgt Ion:284 Resp: 76725
Ion Ratio Lower Upper
284 100
142 29.8 22.6 33.8
249 32.6 26.6 40.0





#69

Atrazine

Concen: 45.689 ng

RT: 17.166 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG057160.D

Acq: 24 Apr 2023 20:52

Instrument :

BNA_G

ClientSampleId :

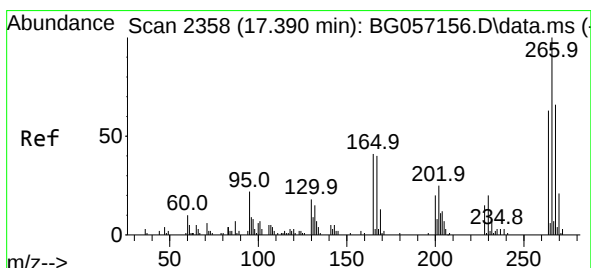
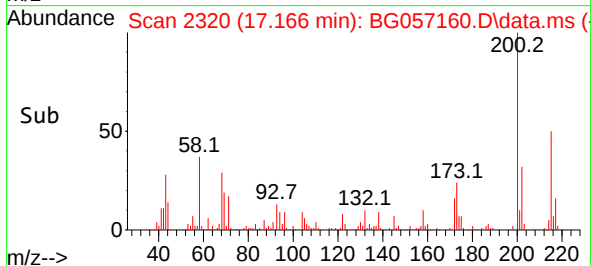
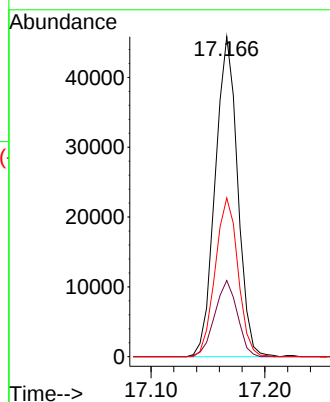
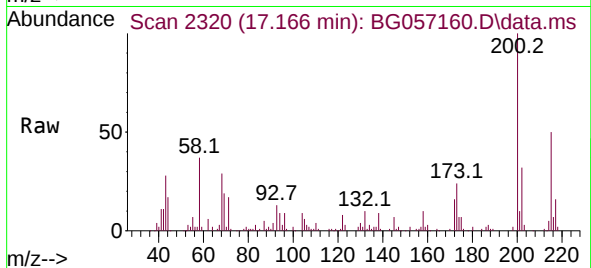
ICVBG042423

Tgt Ion:200 Resp: 6277
 Ion Ratio Lower Upper
 200 100
 173 23.8 4.2 44.2
 215 49.6 31.8 71.8

Manual Integrations

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Reviewed By :Christian Giraldo 04/25/2023
 Supervised By :Jagrut Upadhyay 04/25/2023



#70

Pentachlorophenol

Concen: 43.704 ng

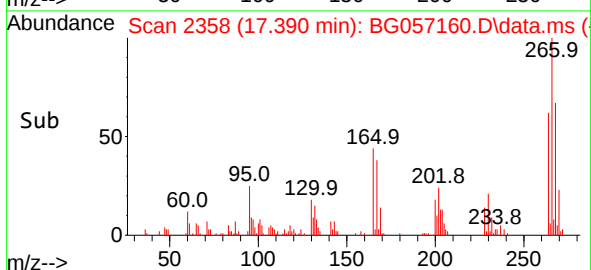
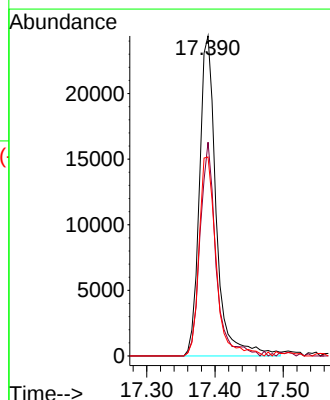
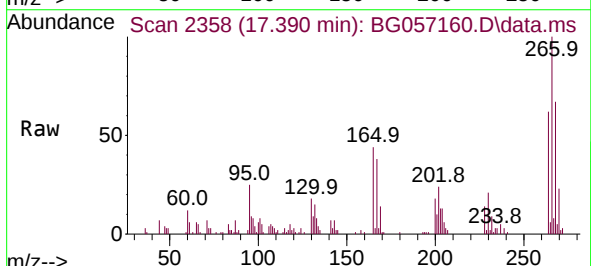
RT: 17.390 min Scan# 2358

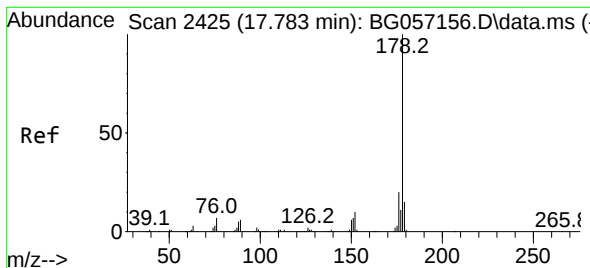
Delta R.T. -0.000 min

Lab File: BG057160.D

Acq: 24 Apr 2023 20:52

Tgt Ion:266 Resp: 41768
 Ion Ratio Lower Upper
 266 100
 268 66.8 52.5 78.7
 264 62.2 50.7 76.1





#71

Phenanthrene

Concen: 41.051 ng

RT: 17.783 min Scan# 2425

Delta R.T. -0.000 min

Lab File: BG057160.D

Acq: 24 Apr 2023 20:52

Instrument :

BNA_G

ClientSampleId :

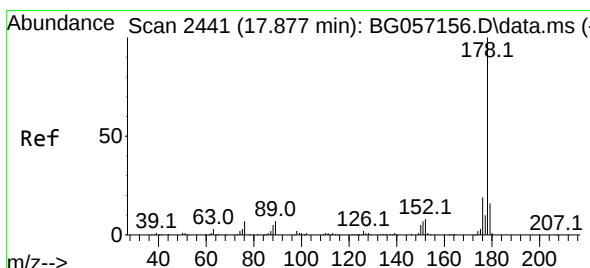
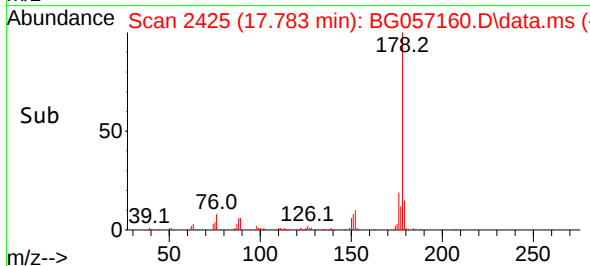
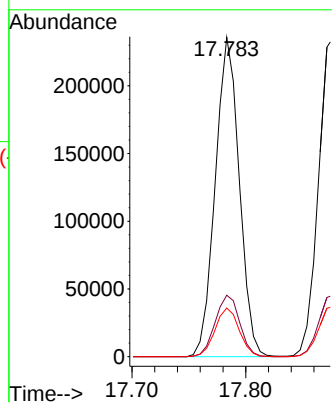
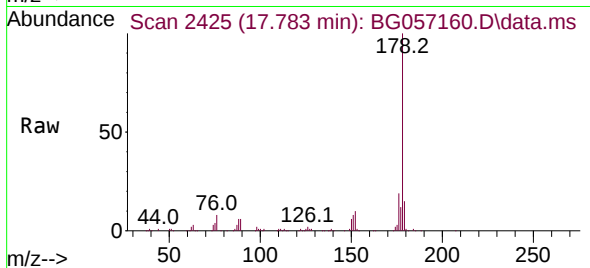
ICVBG042423

Tgt Ion:178 Resp: 345514
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.6 23.4
 179 15.2 12.4 18.6

Manual Integrations

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Reviewed By :Christian Giraldo 04/25/2023
 Supervised By :Jagrut Upadhyay 04/25/2023



#72

Anthracene

Concen: 41.684 ng

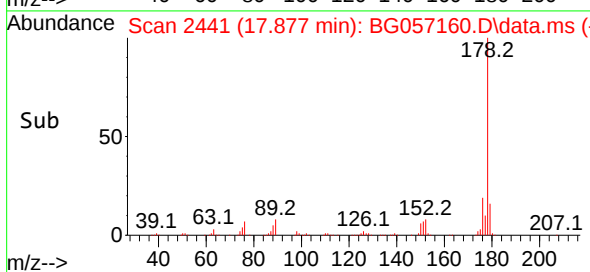
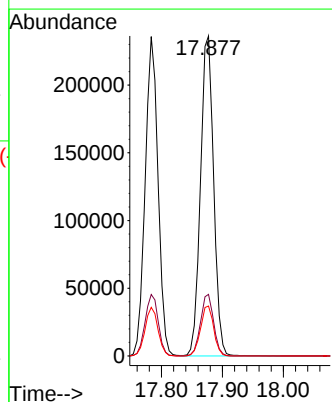
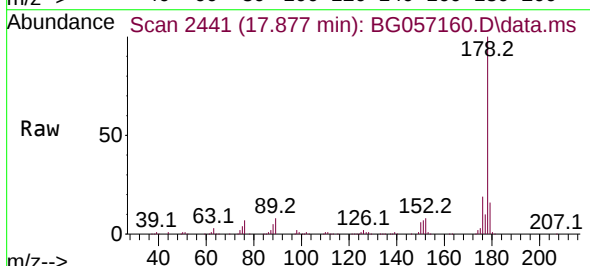
RT: 17.877 min Scan# 2441

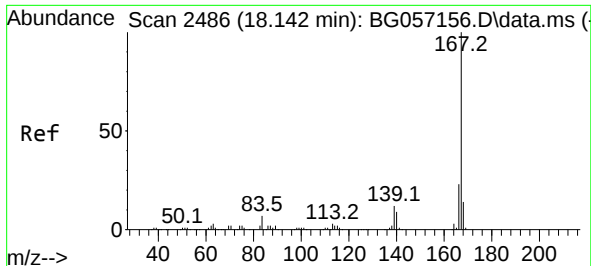
Delta R.T. -0.000 min

Lab File: BG057160.D

Acq: 24 Apr 2023 20:52

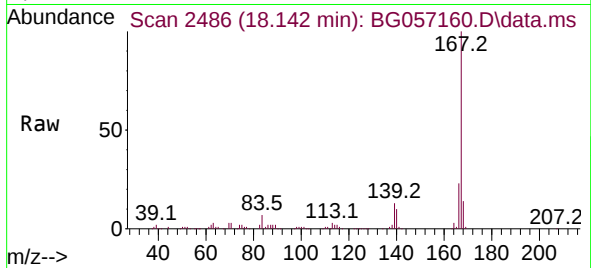
Tgt Ion:178 Resp: 354742
 Ion Ratio Lower Upper
 178 100
 176 19.2 14.9 22.3
 179 15.6 12.5 18.7





#73
 Carbazole
 Concen: 42.037 ng
 RT: 18.142 min Scan# 2486
 Delta R.T. -0.000 min
 Lab File: BG057160.D
 Acq: 24 Apr 2023 20:52

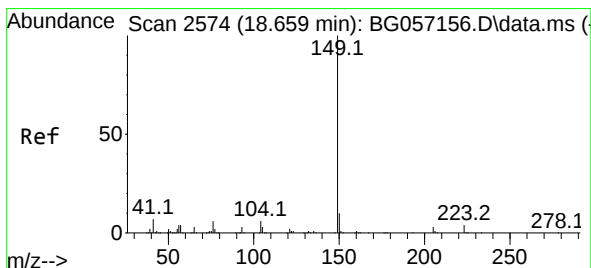
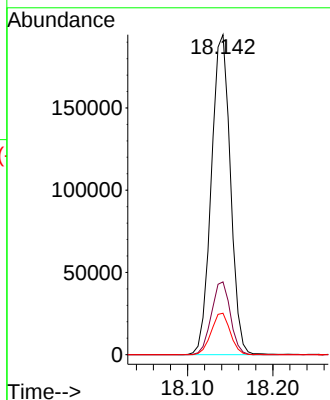
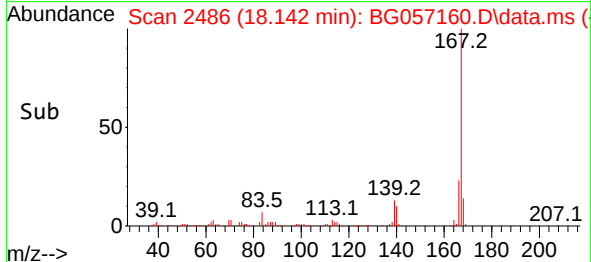
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG042423



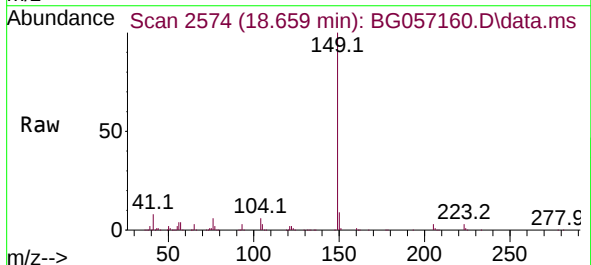
Tgt Ion:167 Resp: 30198
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.3 27.5
 139 13.0 9.6 14.4

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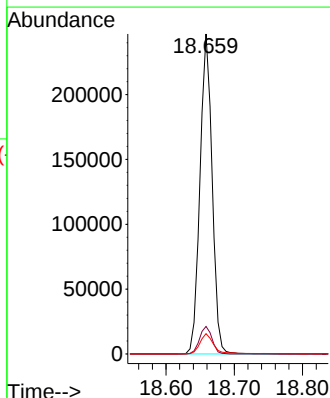
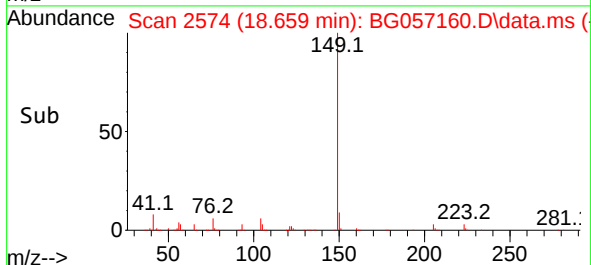
Reviewed By :Christian Giraldo 04/25/2023
 Supervised By :Jagrut Upadhyay 04/25/2023

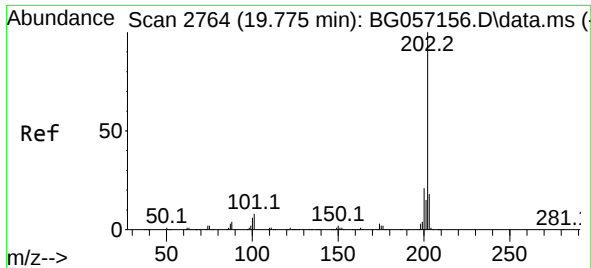


#74
 Di-n-butylphthalate
 Concen: 45.773 ng
 RT: 18.659 min Scan# 2574
 Delta R.T. -0.000 min
 Lab File: BG057160.D
 Acq: 24 Apr 2023 20:52



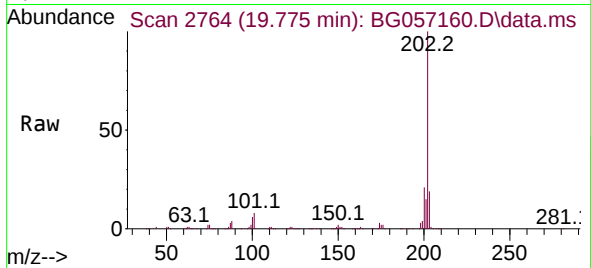
Tgt Ion:149 Resp: 305866
 Ion Ratio Lower Upper
 149 100
 150 8.6 7.6 11.4
 104 6.4 4.7 7.1





#75
Fluoranthene
Concen: 40.594 ng
RT: 19.775 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG057160.D
Acq: 24 Apr 2023 20:52

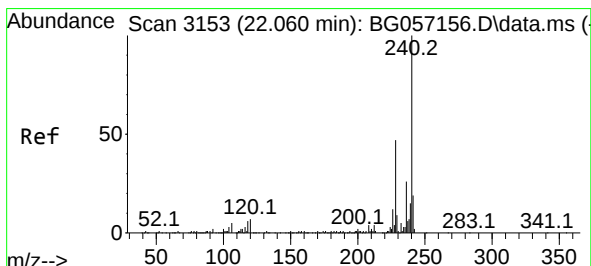
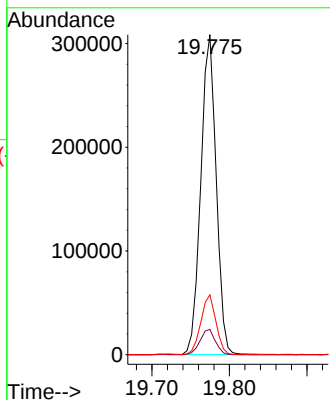
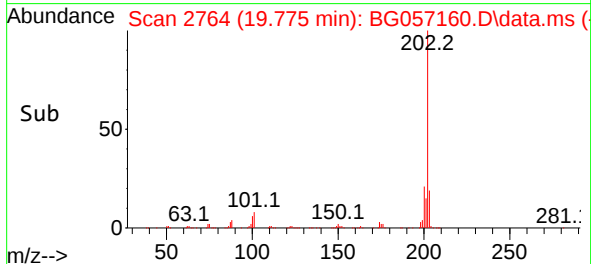
Instrument :
BNA_G
ClientSampleId :
ICVBG042423



Tgt Ion:202 Resp: 424475
Ion Ratio Lower Upper
202 100
101 7.9 0.0 27.6
203 18.7 0.0 38.3

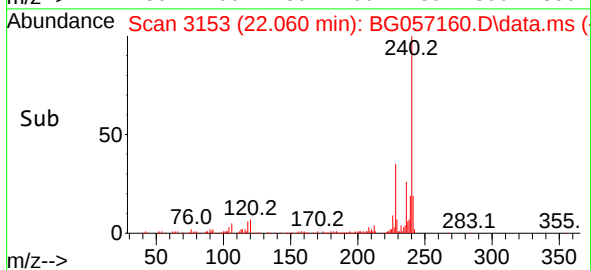
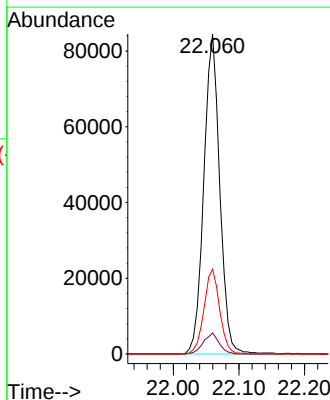
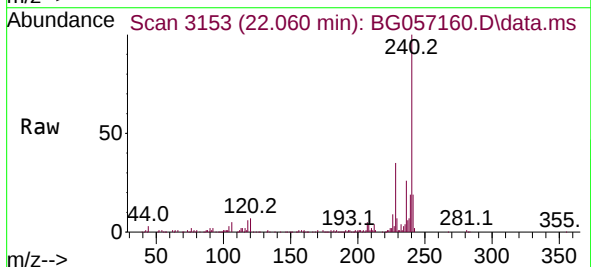
Manual Integrations
APPROVED

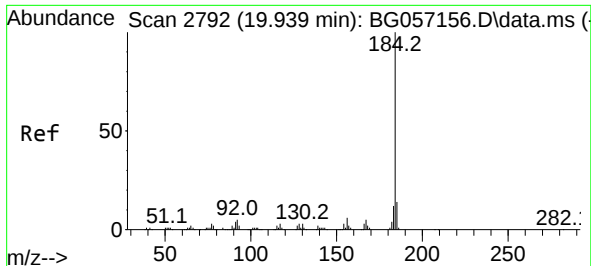
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.060 min Scan# 3153
Delta R.T. -0.000 min
Lab File: BG057160.D
Acq: 24 Apr 2023 20:52

Tgt Ion:240 Resp: 142781
Ion Ratio Lower Upper
240 100
120 6.6 5.5 8.3
236 26.5 20.8 31.2





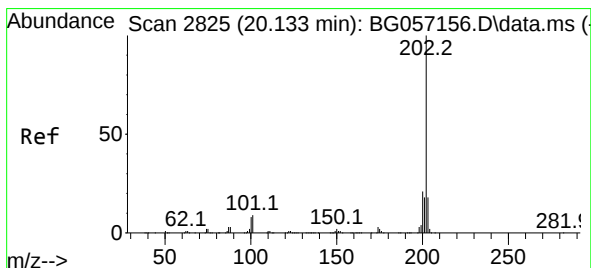
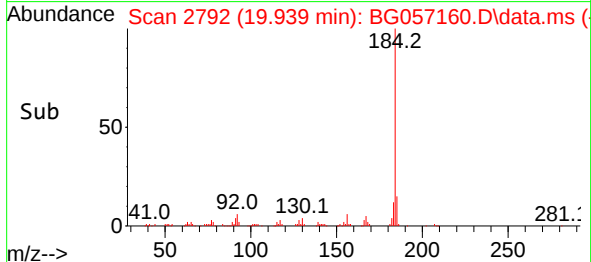
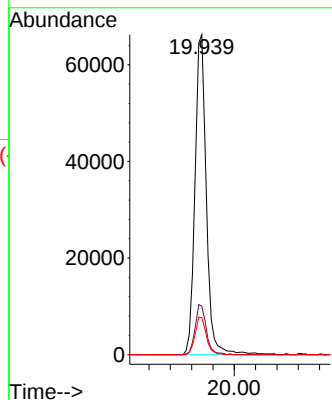
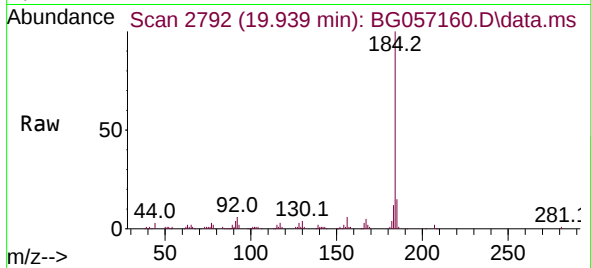
#77
Benzidine
Concen: 45.609 ng
RT: 19.939 min Scan# 2792
Delta R.T. -0.000 min
Lab File: BG057160.D
Acq: 24 Apr 2023 20:52

Instrument :
BNA_G
ClientSampleId :
ICVBG042423

Tgt Ion:184 Resp: 98129
Ion Ratio Lower Upper
184 100
185 15.1 11.3 16.9
183 11.5 9.4 14.0

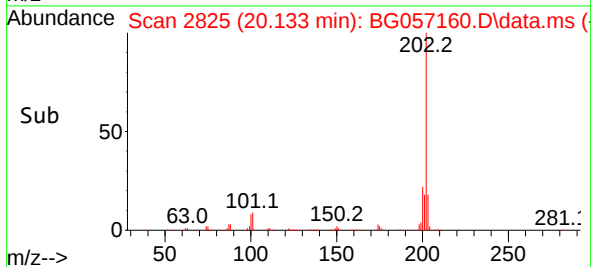
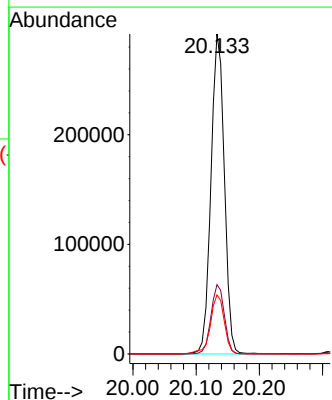
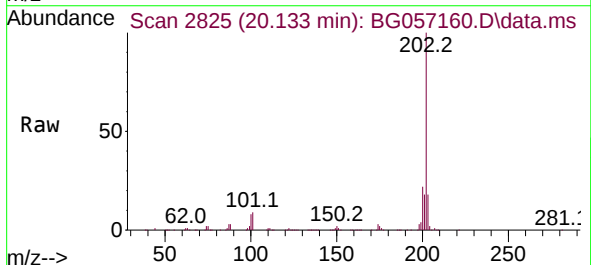
Manual Integrations
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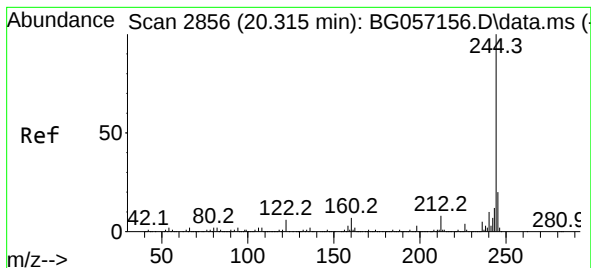
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#78
Pyrene
Concen: 44.239 ng
RT: 20.133 min Scan# 2825
Delta R.T. -0.000 min
Lab File: BG057160.D
Acq: 24 Apr 2023 20:52

Tgt Ion:202 Resp: 428858
Ion Ratio Lower Upper
202 100
200 21.6 17.0 25.4
203 18.5 14.7 22.1





#79

Terphenyl-d14

Concen: 84.721 ng

RT: 20.309 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG057160.D

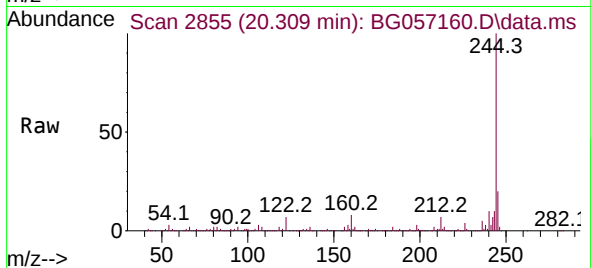
Acq: 24 Apr 2023 20:52

Instrument :

BNA_G

ClientSampleId :

ICVBG042423



Tgt Ion:244 Resp: 691584

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

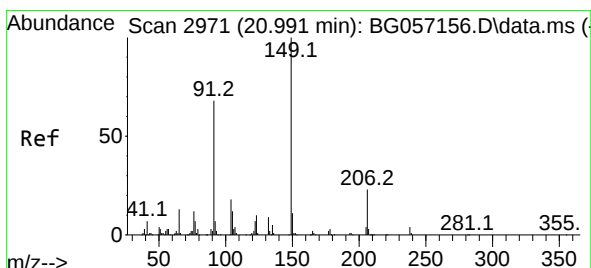
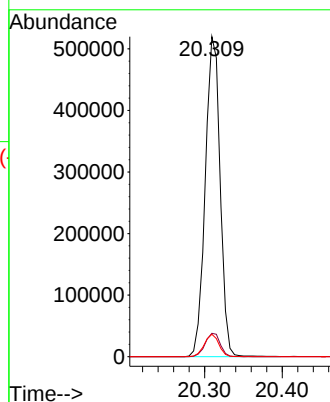
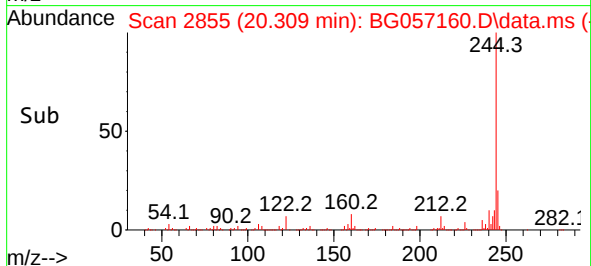
122 7.0 5.0 7.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/25/2023

Supervised By :Jagrut Upadhyay 04/25/2023



#80

Butylbenzylphthalate

Concen: 45.692 ng

RT: 20.991 min Scan# 2971

Delta R.T. -0.000 min

Lab File: BG057160.D

Acq: 24 Apr 2023 20:52

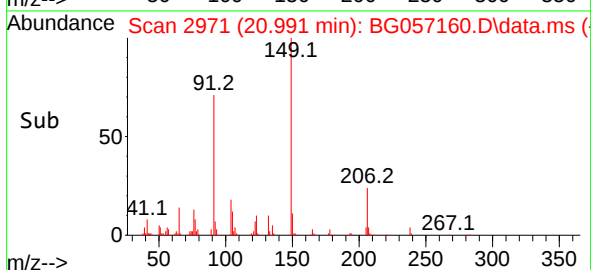
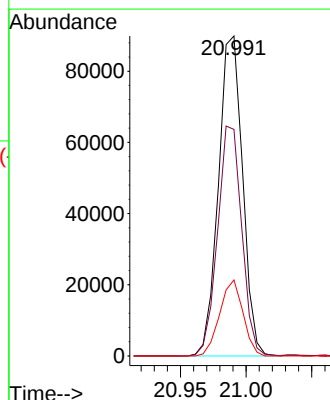
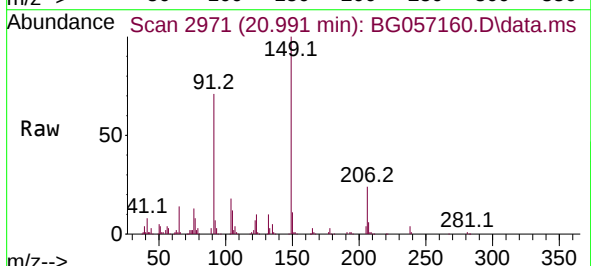
Tgt Ion:149 Resp: 114956

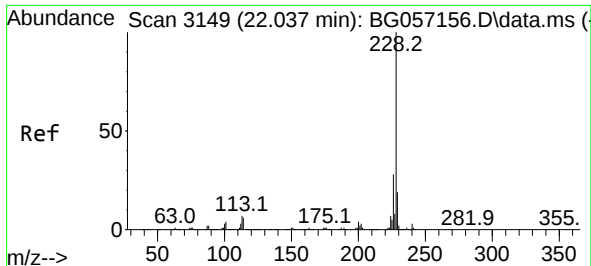
Ion Ratio Lower Upper

149 100

91 70.8 54.1 81.1

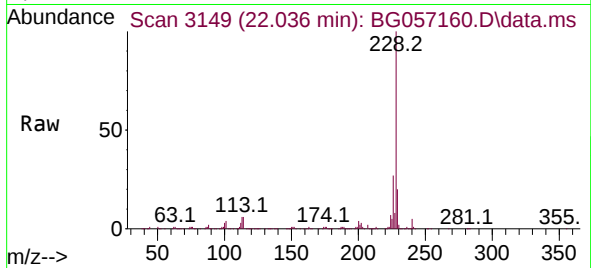
206 23.7 18.2 27.2





#81
Benzo(a)anthracene
Concen: 42.017 ng
RT: 22.036 min Scan# 3149
Delta R.T. -0.000 min
Lab File: BG057160.D
Acq: 24 Apr 2023 20:52

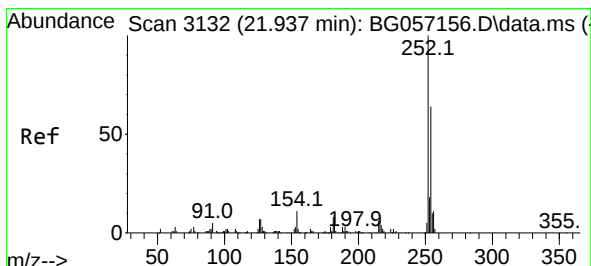
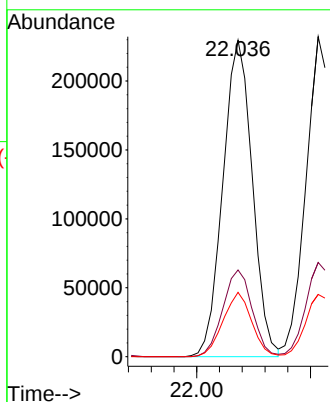
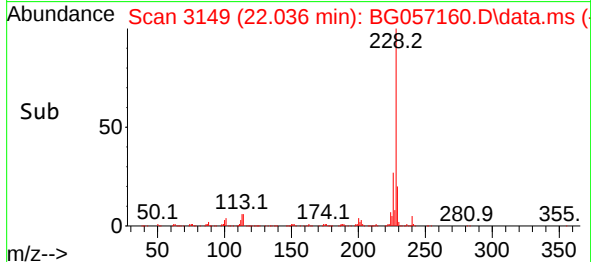
Instrument :
BNA_G
ClientSampleId :
ICVBG042423



Tgt Ion:228 Resp: 412479
Ion Ratio Lower Upper
228 100
226 27.4 22.2 33.4
229 20.3 15.6 23.4

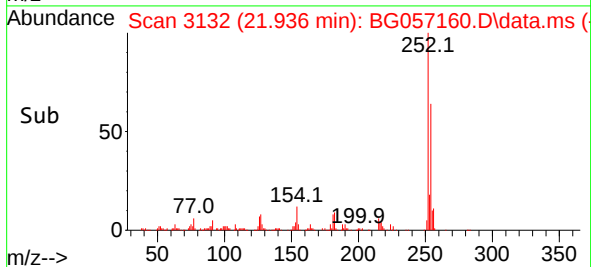
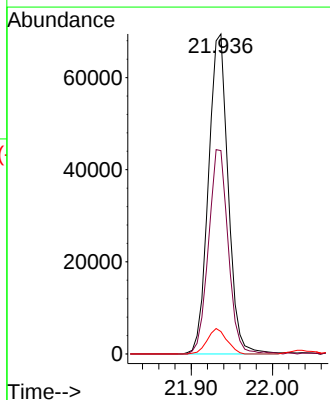
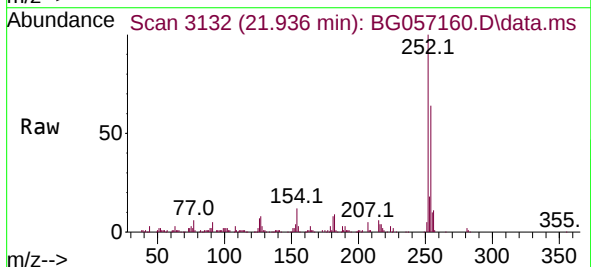
Manual Integrations
APPROVED

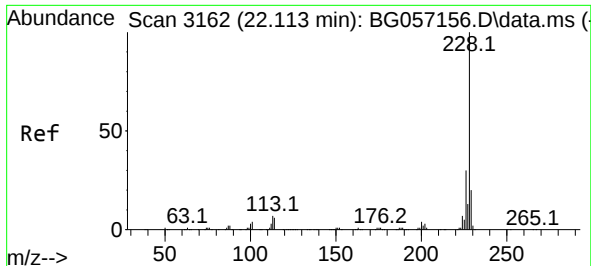
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#82
3,3'-Dichlorobenzidine
Concen: 45.502 ng
RT: 21.936 min Scan# 3132
Delta R.T. -0.000 min
Lab File: BG057160.D
Acq: 24 Apr 2023 20:52

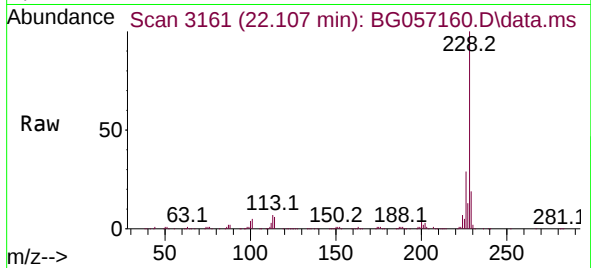
Tgt Ion:252 Resp: 116913
Ion Ratio Lower Upper
252 100
254 63.6 50.9 76.3
126 7.0 5.9 8.9





#83
Chrysene
Concen: 41.729 ng
RT: 22.107 min Scan# 3161
Delta R.T. -0.006 min
Lab File: BG057160.D
Acq: 24 Apr 2023 20:52

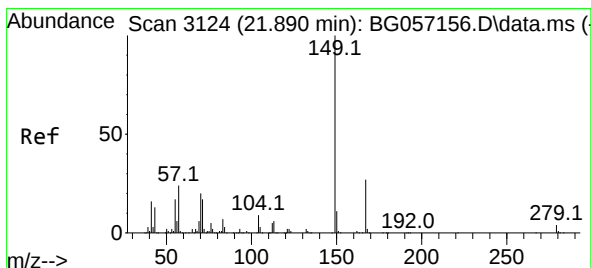
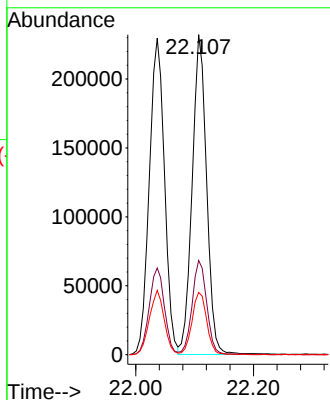
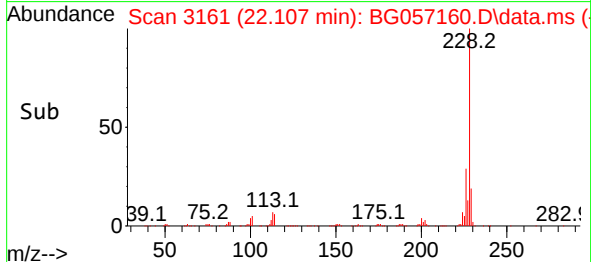
Instrument :
BNA_G
ClientSampleId :
ICVBG042423



Tgt Ion:228 Resp: 395050
Ion Ratio Lower Upper
228 100
226 29.4 24.0 36.0
229 19.5 15.8 23.6

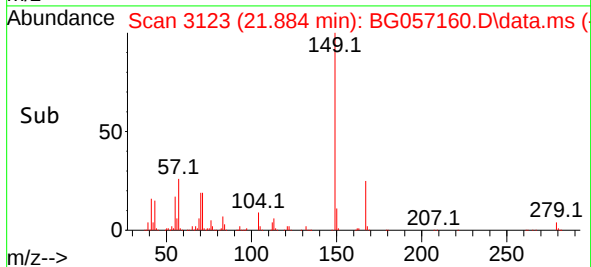
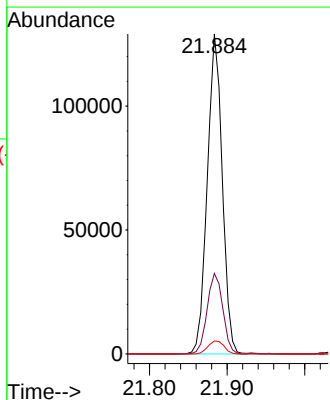
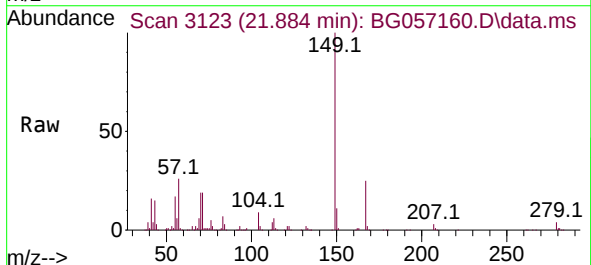
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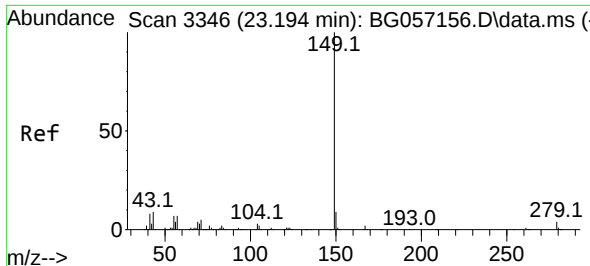
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.631 ng
RT: 21.884 min Scan# 3123
Delta R.T. -0.006 min
Lab File: BG057160.D
Acq: 24 Apr 2023 20:52

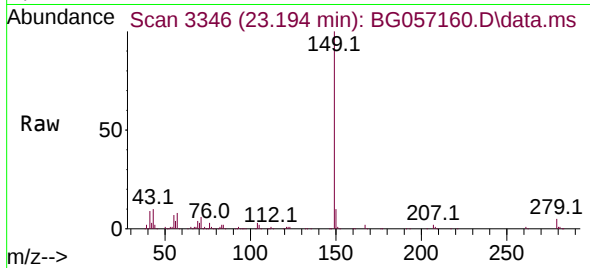
Tgt Ion:149 Resp: 173150
Ion Ratio Lower Upper
149 100
167 25.1 21.9 32.9
279 4.1 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 46.191 ng
RT: 23.194 min Scan# 31
Delta R.T. -0.000 min
Lab File: BG057160.D
Acq: 24 Apr 2023 20:52

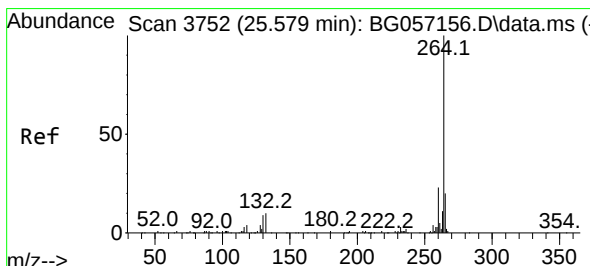
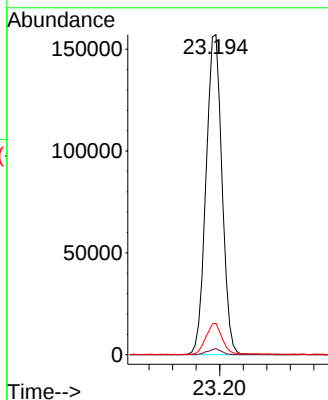
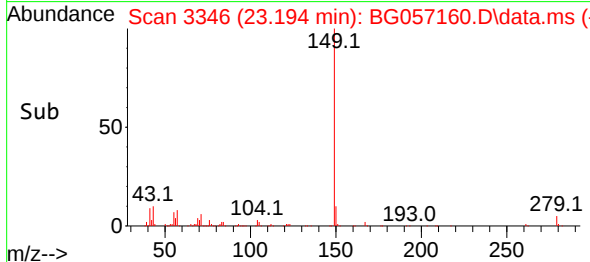
Instrument :
BNA_G
ClientSampleId :
ICVBG042423



Tgt Ion:149 Resp: 295794
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.4 7.4 11.0

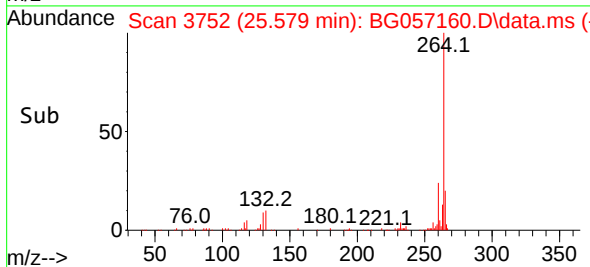
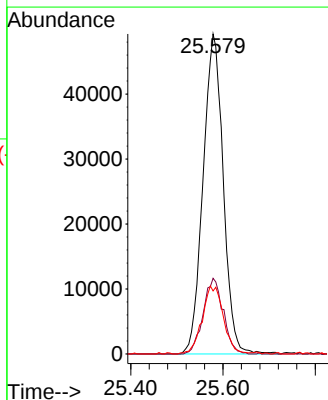
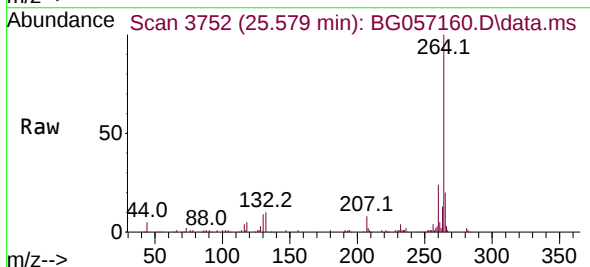
Manual Integrations
APPROVED

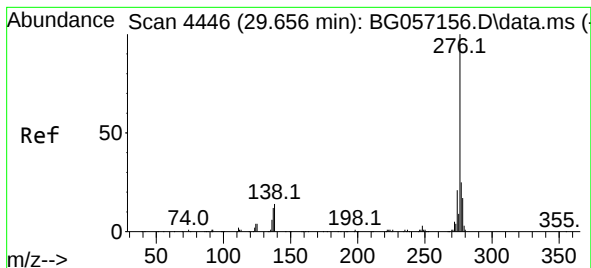
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.579 min Scan# 3752
Delta R.T. -0.000 min
Lab File: BG057160.D
Acq: 24 Apr 2023 20:52

Tgt Ion:264 Resp: 149966
Ion Ratio Lower Upper
264 100
260 23.7 18.8 28.2
265 19.7 16.4 24.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.159 ng

RT: 29.650 min Scan# 4446

Delta R.T. -0.006 min

Lab File: BG057160.D

Acq: 24 Apr 2023 20:52

Instrument :

BNA_G

ClientSampleId :

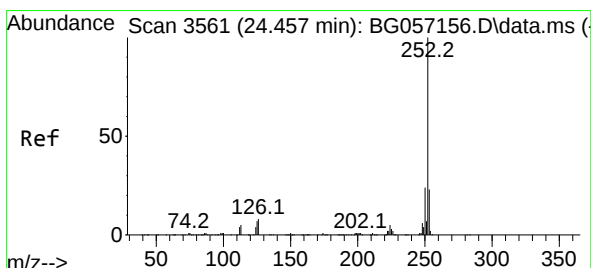
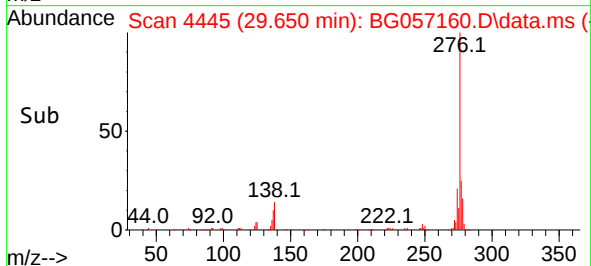
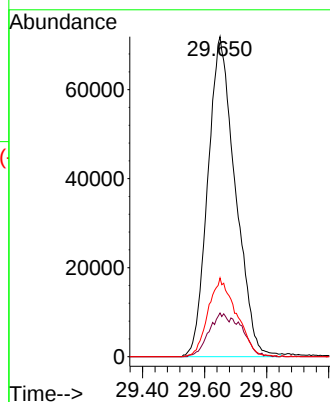
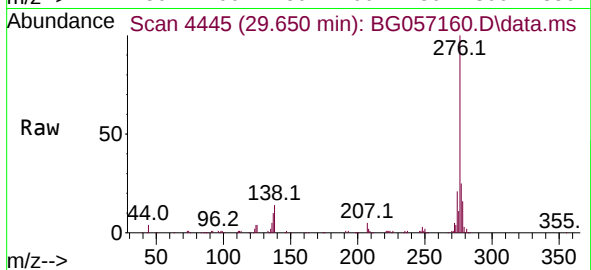
ICVBG042423

Tgt Ion:276 Resp: 442145
 Ion Ratio Lower Upper
 276 100
 138 9.5 13.8 20.6
 277 25.3 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/25/2023
 Supervised By :Jagrut Upadhyay 04/25/2023



#88

Benzo(b)fluoranthene

Concen: 41.516 ng

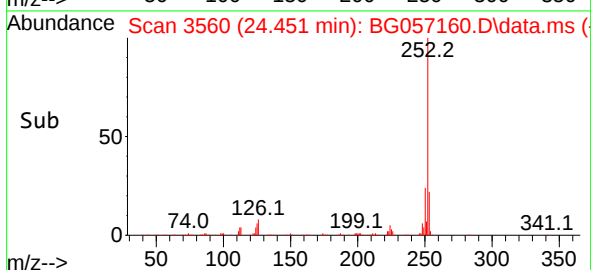
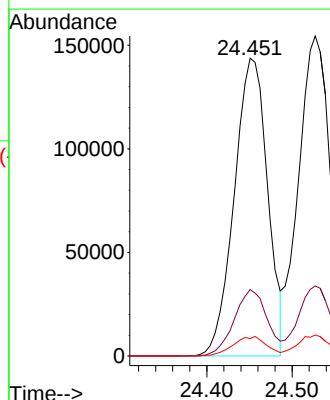
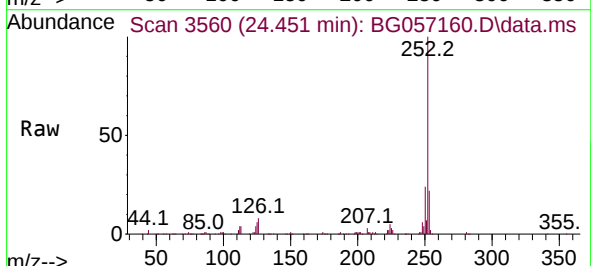
RT: 24.451 min Scan# 3560

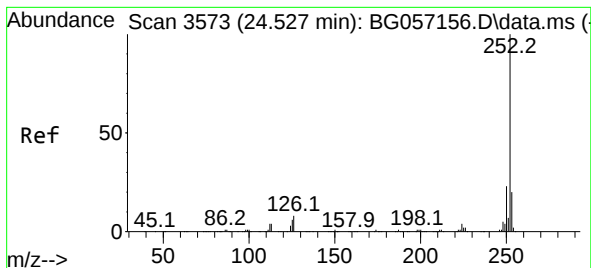
Delta R.T. -0.006 min

Lab File: BG057160.D

Acq: 24 Apr 2023 20:52

Tgt Ion:252 Resp: 390280
 Ion Ratio Lower Upper
 252 100
 253 22.3 18.2 27.2
 125 5.8 5.3 7.9





#89

Benzo(k)fluoranthene

Concen: 41.938 ng

RT: 24.527 min Scan# 3

Delta R.T. -0.000 min

Lab File: BG057160.D

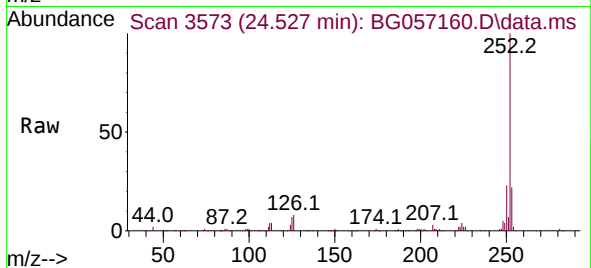
Acq: 24 Apr 2023 20:52

Instrument :

BNA_G

ClientSampleId :

ICVBG042423



Tgt Ion:252 Resp: 407800

Ion Ratio Lower Upper

252 100

253 21.9 16.7 25.1

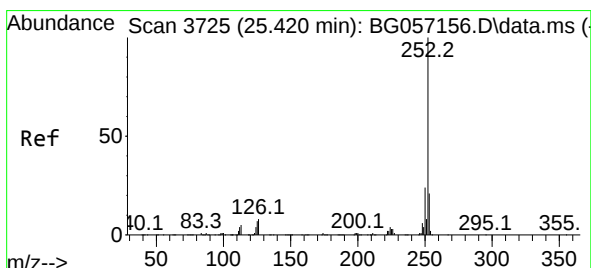
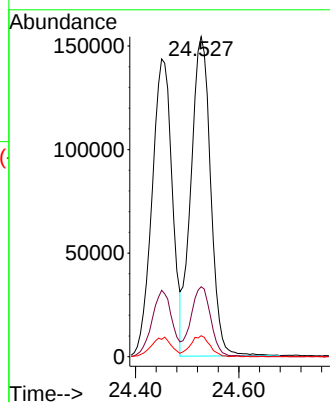
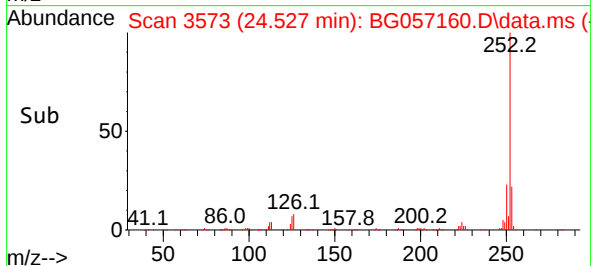
125 6.5 5.0 7.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/25/2023

Supervised By :Jagrut Upadhyay 04/25/2023



#90

Benzo(a)pyrene

Concen: 41.507 ng

RT: 25.414 min Scan# 3724

Delta R.T. -0.006 min

Lab File: BG057160.D

Acq: 24 Apr 2023 20:52

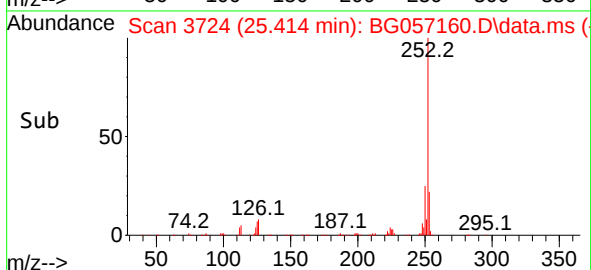
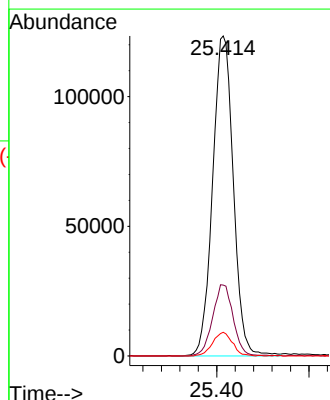
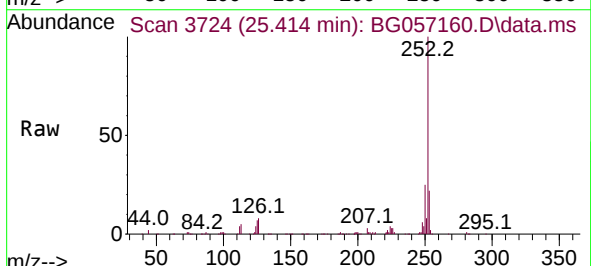
Tgt Ion:252 Resp: 384315

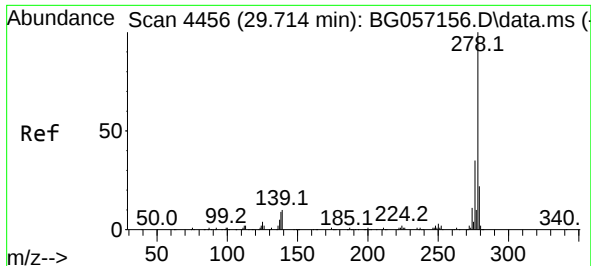
Ion Ratio Lower Upper

252 100

253 22.2 17.0 25.6

125 7.4 5.8 8.8





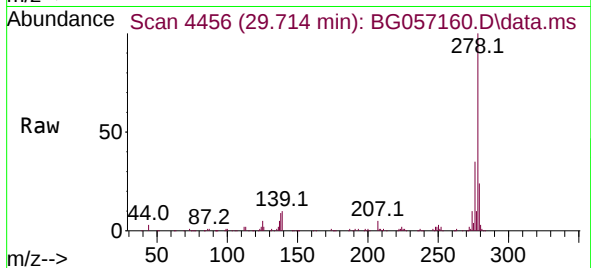
#91
Dibenzo(a,h)anthracene
Concen: 41.213 ng
RT: 29.714 min Scan# 4456
Delta R.T. -0.000 min
Lab File: BG057160.D
Acq: 24 Apr 2023 20:52

Instrument :

BNA_G

ClientSampleId :

ICVBG042423

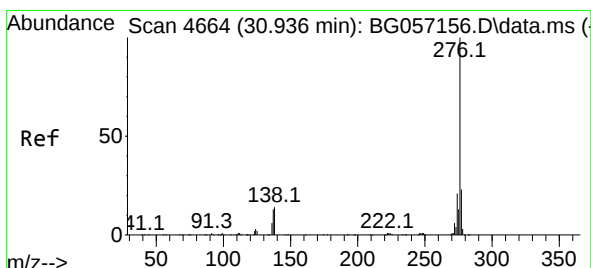
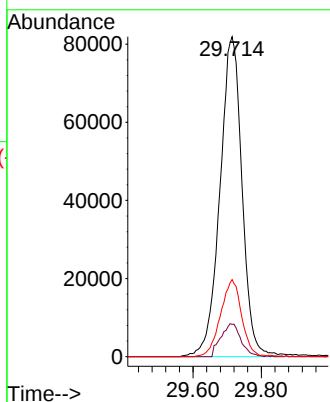
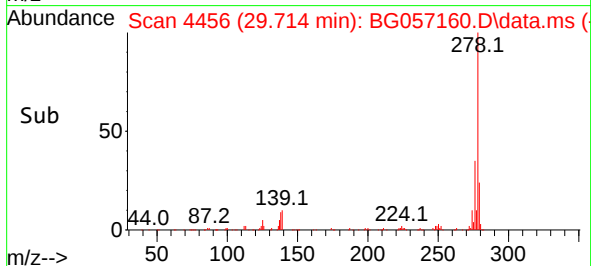


Tgt Ion:278 Resp: 367602
Ion Ratio Lower Upper
278 100
139 10.1 7.9 11.9
279 24.1 17.7 26.5

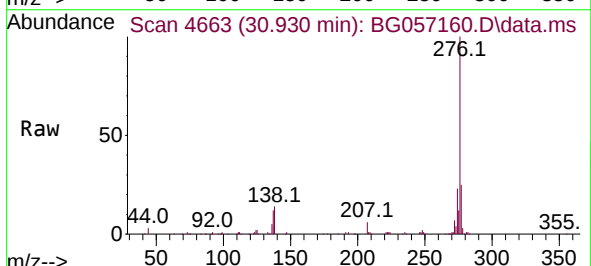
Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#92
Benzo(g,h,i)perylene
Concen: 40.676 ng
RT: 30.930 min Scan# 4663
Delta R.T. -0.006 min
Lab File: BG057160.D
Acq: 24 Apr 2023 20:52



Tgt Ion:276 Resp: 358976
Ion Ratio Lower Upper
276 100
277 25.1 18.5 27.7
138 14.4 11.5 17.3

