

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
 Data File : BG057490.D
 Acq On : 22 May 2023 12:26
 Operator : CG/JU
 Sample : PB152920BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB152920BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/23/2023
 Supervised By : Jagrut Upadhyay 05/23/2023

Quant Time: May 22 13:09:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 20 04:19:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.363	152	20400	20.000	ng	0.00
21) Naphthalene-d8	11.201	136	84463	20.000	ng	# 0.00
39) Acenaphthene-d10	14.978	164	68130	20.000	ng	0.00
64) Phenanthrene-d10	17.721	188	172885	20.000	ng	0.00
76) Chrysene-d12	22.027	240	146724	20.000	ng	0.00
86) Perylene-d12	25.534	264	162198	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.878	112	132520	111.123	ng	0.00
7) Phenol-d6	7.506	99	194169	107.220	ng	0.00
23) Nitrobenzene-d5	9.544	82	120969	60.111	ng	0.00
42) 2,4,6-Tribromophenol	16.464	330	104678	108.285	ng	0.00
45) 2-Fluorobiphenyl	13.603	172	317738	62.811	ng	0.00
79) Terphenyl-d14	20.288	244	576495	64.120	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.670	88	15946	32.339	ng	99
3) Pyridine	4.093	79	42361	26.732	ng	94
4) n-Nitrosodimethylamine	4.004	42	24398	32.763	ng	85
6) Aniline	7.676	93	80679	35.118	ng	96
8) 2-Chlorophenol	7.923	128	58125	46.126	ng	99
9) Benzaldehyde	7.488	77	33950	34.367	ng	95
10) Phenol	7.535	94	78039	44.206	ng	99
11) bis(2-Chloroethyl)ether	7.764	93	52430	39.386	ng	98
12) 1,3-Dichlorobenzene	8.252	146	59330	42.659	ng	95
13) 1,4-Dichlorobenzene	8.398	146	60837	43.547	ng	99
14) 1,2-Dichlorobenzene	8.722	146	58949	43.710	ng	98
15) Benzyl Alcohol	8.598	79	60922	40.382	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.880	45	66071	39.379	ng	98
17) 2-Methylphenol	8.804	107	54183	42.578	ng	99
18) Hexachloroethane	9.462	117	21843	43.326	ng	95
19) n-Nitroso-di-n-propyla...	9.162	70	50728	36.736	ng	98
20) 3+4-Methylphenols	9.133	107	75781	43.490	ng	95
22) Acetophenone	9.191	105	93739	38.776	ng	94
24) Nitrobenzene	9.585	77	75785	37.311	ng	94
25) Isophorone	10.102	82	140991	36.130	ng	99
26) 2-Nitrophenol	10.302	139	34176	43.957	ng	95
27) 2,4-Dimethylphenol	10.349	122	61962	45.513	ng	100
28) bis(2-Chloroethoxy)met...	10.578	93	77102	39.439	ng	98
29) 2,4-Dichlorophenol	10.848	162	67311	46.616	ng	94
30) 1,2,4-Trichlorobenzene	11.060	180	68905	41.373	ng	98
31) Naphthalene	11.253	128	180956	40.074	ng	99
32) Benzoic acid	10.507	122	32979m	42.598	ng	
33) 4-Chloroaniline	11.353	127	61906	30.528	ng	95
34) Hexachlorobutadiene	11.524	225	50109	40.548	ng	96
35) Caprolactam	12.129	113	21231m	43.044	ng	
36) 4-Chloro-3-methylphenol	12.458	107	74044	45.124	ng	96
37) 2-Methylnaphthalene	12.834	142	140576	39.596	ng	96
38) 1-Methylnaphthalene	13.045	142	132254	39.522	ng	99
40) 1,2,4,5-Tetrachloroben...	13.192	216	98139	40.575	ng	100
41) Hexachlorocyclopentadiene	13.163	237	89045	76.861	ng	98
43) 2,4,6-Trichlorophenol	13.427	196	63739	43.256	ng	97

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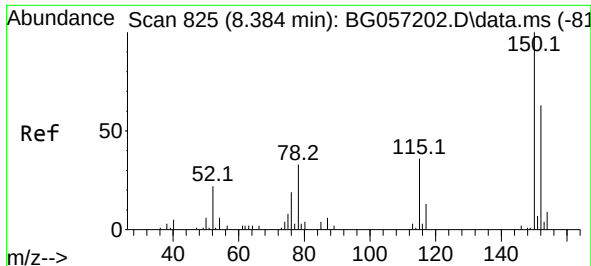
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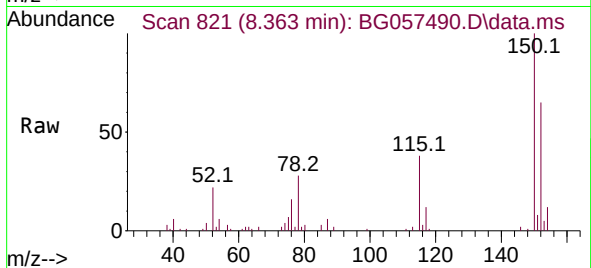
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.509	196	69002	39.809	ng	98
46) 1,1'-Biphenyl	13.815	154	203868	40.326	ng	98
47) 2-Chloronaphthalene	13.868	162	153899	40.937	ng	99
48) 2-Nitroaniline	14.067	65	50887	39.810	ng	97
49) Acenaphthylene	14.708	152	246842	40.416	ng	99
50) Dimethylphthalate	14.420	163	216410	38.654	ng	98
51) 2,6-Dinitrotoluene	14.549	165	47916	41.918	ng	87
52) Acenaphthene	15.042	154	150500	39.434	ng	99
53) 3-Nitroaniline	14.884	138	37163	32.452	ng	92
54) 2,4-Dinitrophenol	15.101	184	58146	82.007	ng	96
55) Dibenzofuran	15.371	168	257148	40.101	ng	99
56) 4-Nitrophenol	15.195	139	66758	87.649	ng	86
57) 2,4-Dinitrotoluene	15.336	165	68764	42.092	ng	96
58) Fluorene	16.023	166	213863	40.490	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.600	232	70258	44.709	ng	97
60) Diethylphthalate	15.759	149	219810	38.661	ng	99
61) 4-Chlorophenyl-phenyle...	16.000	204	126522	39.762	ng	96
62) 4-Nitroaniline	16.047	138	46622	40.356	ng	89
63) Azobenzene	16.294	77	200999	36.640	ng	95
65) 4,6-Dinitro-2-methylph...	16.106	198	46380	44.934	ng	95
66) n-Nitrosodiphenylamine	16.211	169	189153	40.283	ng	100
67) 4-Bromophenyl-phenylether	16.893	248	84740	40.152	ng	99
68) Hexachlorobenzene	17.028	284	90040	43.902	ng	94
69) Atrazine	17.145	200	84084	46.943	ng	99
70) Pentachlorophenol	17.375	266	113262	95.824	ng	97
71) Phenanthrene	17.762	178	358790	40.500	ng	100
72) Anthracene	17.850	178	367514	40.430	ng	98
73) Carbazole	18.121	167	318698	41.646	ng	99
74) Di-n-butylphthalate	18.632	149	360212	40.911	ng	98
75) Fluoranthene	19.754	202	428219	38.865	ng	99
77) Benzidine	19.918	184	244439	74.519	ng	100
78) Pyrene	20.112	202	428963	40.233	ng	99
80) Butylbenzylphthalate	20.958	149	149833	44.291	ng	97
81) Benzo(a)anthracene	22.009	228	414967	39.696	ng	99
82) 3,3'-Dichlorobenzidine	21.904	252	118789	35.477	ng	99
83) Chrysene	22.080	228	376463	38.275	ng	99
84) Bis(2-ethylhexyl)phtha...	21.851	149	212137	42.383	ng	99
85) Di-n-octyl phthalate	23.143	149	358483	42.961	ng	98
87) Indeno(1,2,3-cd)pyrene	29.599	276	465087	39.344	ng	100
88) Benzo(b)fluoranthene	24.412	252	412064	38.864	ng	99
89) Benzo(k)fluoranthene	24.483	252	402819	37.387	ng	100
90) Benzo(a)pyrene	25.370	252	365578	35.292	ng	97
91) Dibenzo(a,h)anthracene	29.652	278	388555	39.469	ng	98
92) Benzo(g,h,i)perylene	30.874	276	371698	38.668	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.363 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG057490.D
Acq: 22 May 2023 12:26

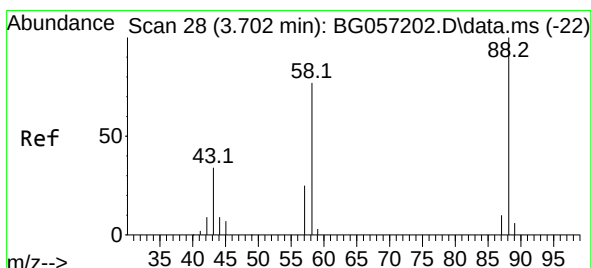
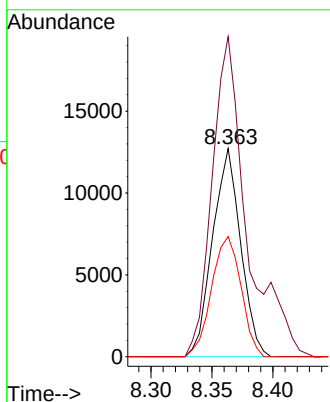
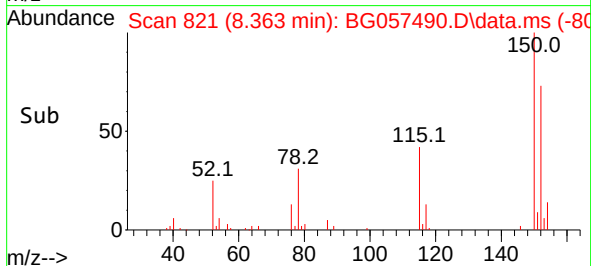
Instrument :
BNA_G
ClientSampleId :
PB152920BS



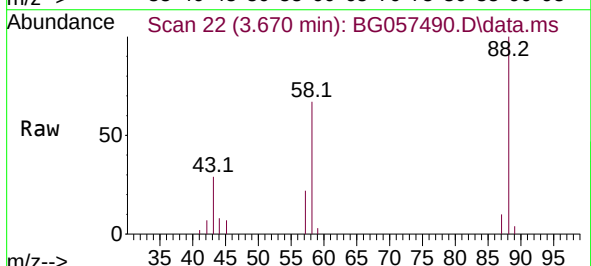
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Ion Ratio Lower Upper
152 100
150 153.7 126.2 189.4
115 57.7 45.0 67.4

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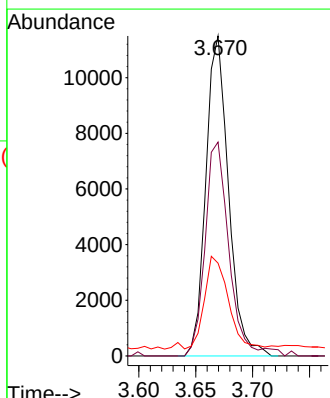
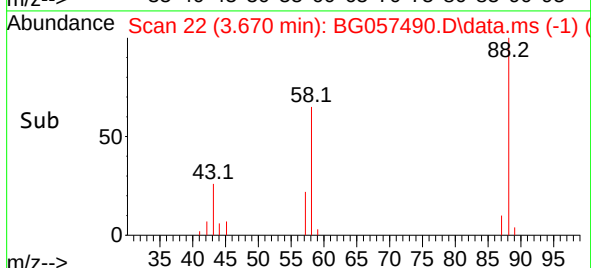
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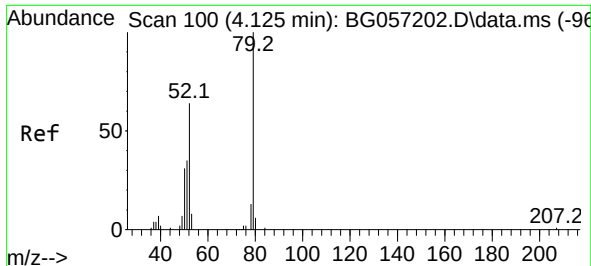


#2
1,4-Dioxane
Concen: 32.339 ng
RT: 3.670 min Scan# 22
Delta R.T. -0.004 min
Lab File: BG057490.D
Acq: 22 May 2023 12:26



Tgt Ion: 88 Resp: 15946
Ion Ratio Lower Upper
88 100
58 71.0 57.1 85.7
43 30.9 24.4 36.6





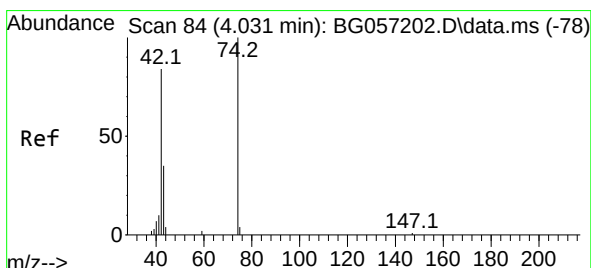
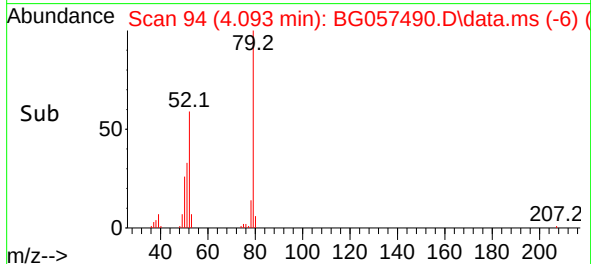
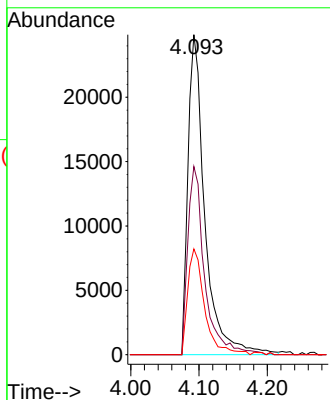
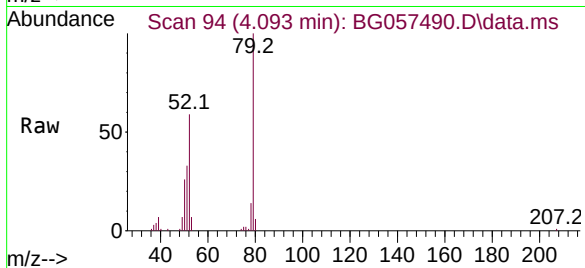
#3
Pyridine
Concen: 26.732 ng
RT: 4.093 min Scan# 94
Delta R.T. -0.010 min
Lab File: BG057490.D
Acq: 22 May 2023 12:26

Instrument :
BNA_G
ClientSampleId :
PB152920BS

Tgt Ion: 79 Resp: 4236
Ion Ratio Lower Upper
79 100
52 58.8 51.4 77.0
51 33.0 28.0 42.0

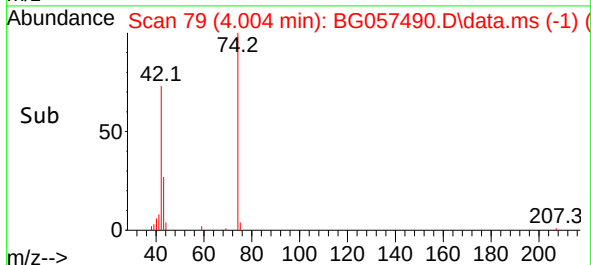
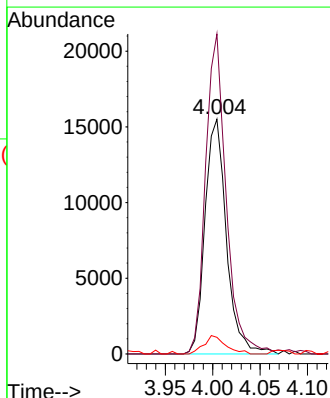
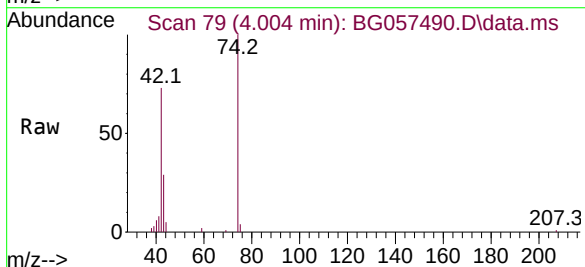
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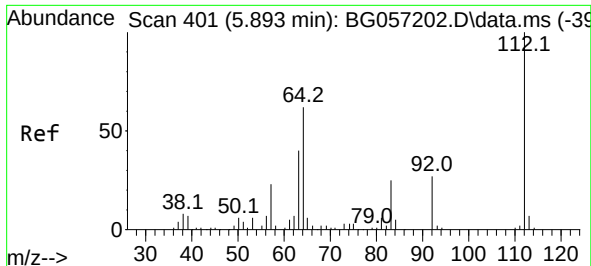
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023



#4
n-Nitrosodimethylamine
Concen: 32.763 ng
RT: 4.004 min Scan# 79
Delta R.T. -0.004 min
Lab File: BG057490.D
Acq: 22 May 2023 12:26

Tgt Ion: 42 Resp: 24398
Ion Ratio Lower Upper
42 100
74 136.4 95.1 142.7
44 7.1 5.8 8.8





#5
2-Fluorophenol
Concen: 111.123 ng
RT: 5.878 min Scan# 398
Delta R.T. 0.007 min
Lab File: BG057490.D
Acq: 22 May 2023 12:26

Instrument :

BNA_G

ClientSampleId :

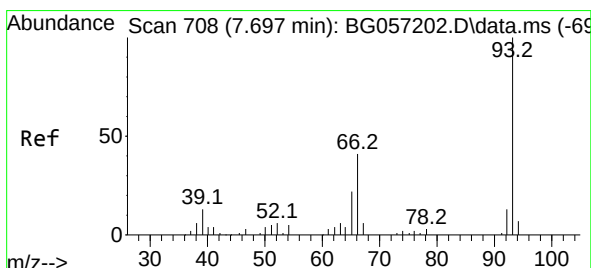
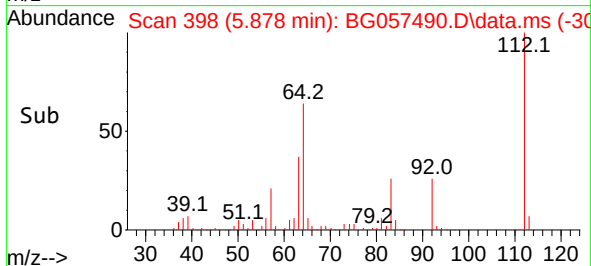
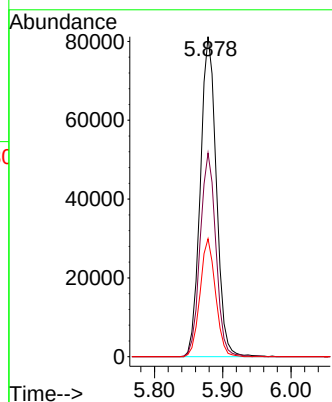
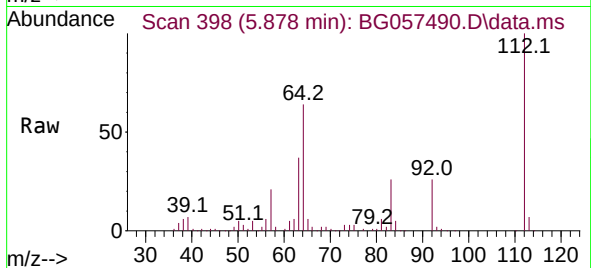
PB152920BS

Tgt Ion:112 Resp: 132520
Ion Ratio Lower Upper
112 100
64 63.6 49.4 74.2
63 36.9 31.6 47.4

Manual Integrations

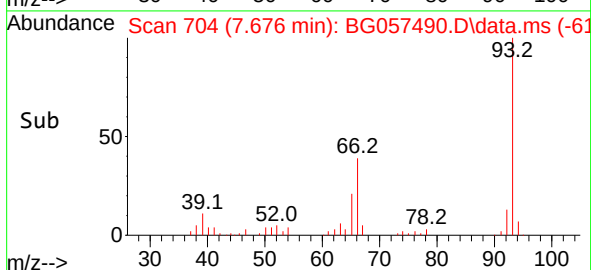
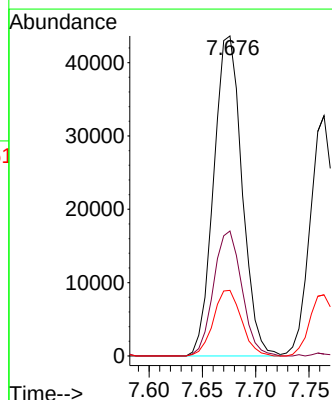
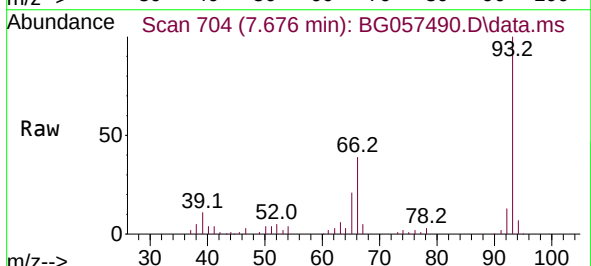
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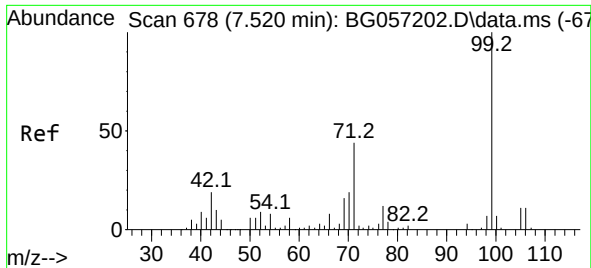
Reviewed By :Christian Giraldo 05/23/2023
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#6
Aniline
Concen: 35.118 ng
RT: 7.676 min Scan# 704
Delta R.T. 0.002 min
Lab File: BG057490.D
Acq: 22 May 2023 12:26

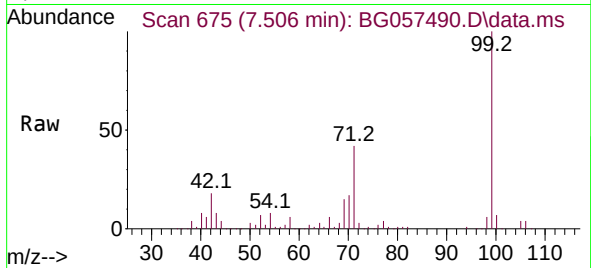
Tgt Ion: 93 Resp: 80679
Ion Ratio Lower Upper
93 100
66 39.1 33.0 49.6
65 20.5 18.0 27.0





#7
Phenol-d6
Concen: 107.220 ng
RT: 7.506 min Scan# 61
Delta R.T. 0.007 min
Lab File: BG057490.D
Acq: 22 May 2023 12:26

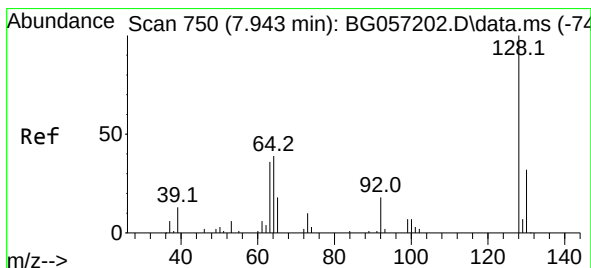
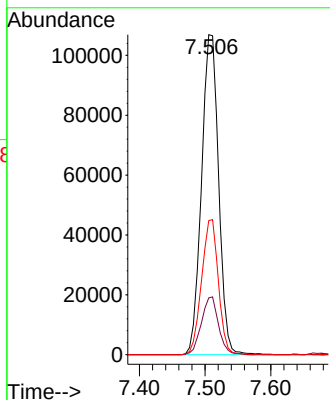
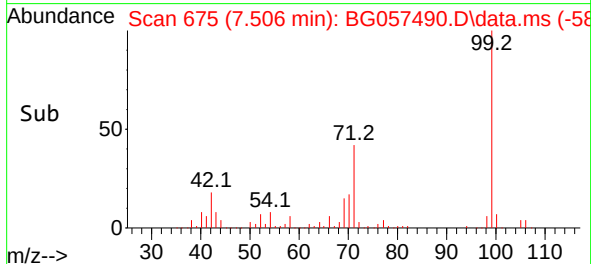
Instrument :
BNA_G
ClientSampleId :
PB152920BS



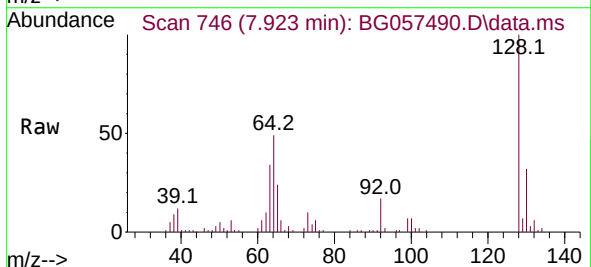
Tgt Ion: 99 Resp: 194169
Ion Ratio Lower Upper
99 100
42 17.8 15.1 22.7
71 41.9 35.2 52.8

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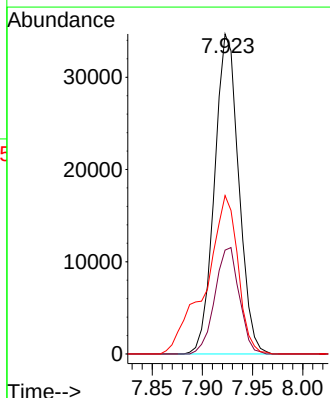
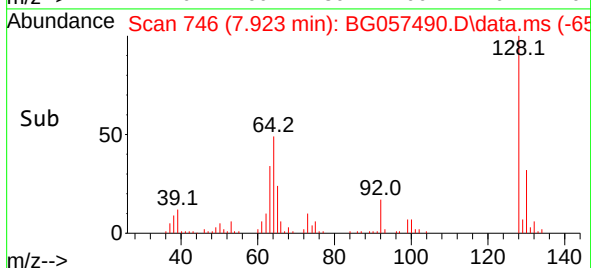
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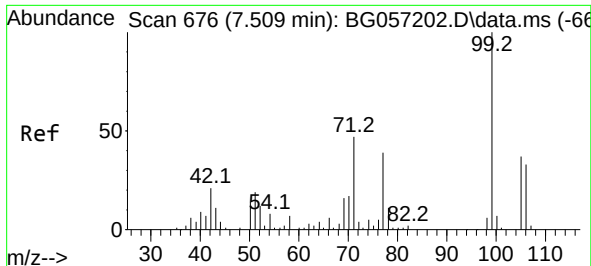


#8
2-Chlorophenol
Concen: 46.126 ng
RT: 7.923 min Scan# 746
Delta R.T. 0.002 min
Lab File: BG057490.D
Acq: 22 May 2023 12:26



Tgt Ion:128 Resp: 58125
Ion Ratio Lower Upper
128 100
130 32.5 12.2 52.2
64 49.5 28.4 68.4





#9
Benzaldehyde
Concen: 34.367 ng
RT: 7.488 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG057490.D
Acq: 22 May 2023 12:26

Instrument :

BNA_G

ClientSampleId :

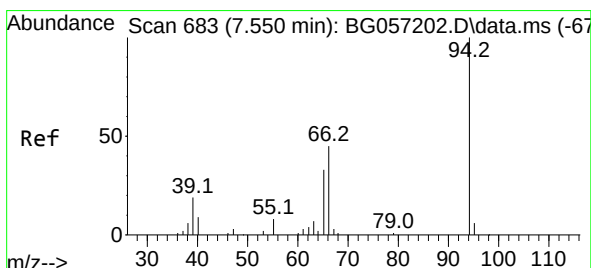
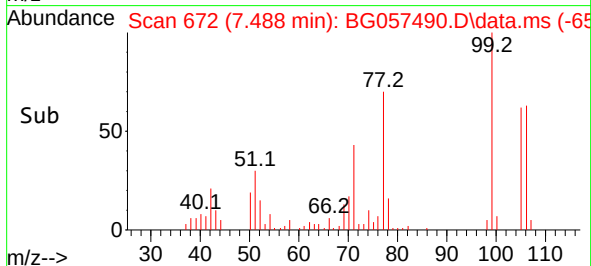
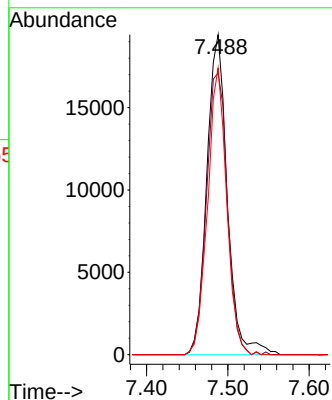
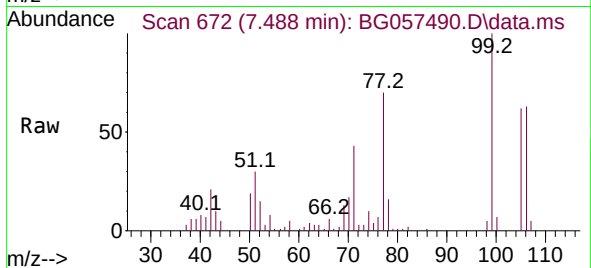
PB152920BS

Tgt Ion: 77 Resp: 33950
Ion Ratio Lower Upper
77 100
105 88.1 74.6 114.6
106 89.6 66.3 106.3

Manual Integrations

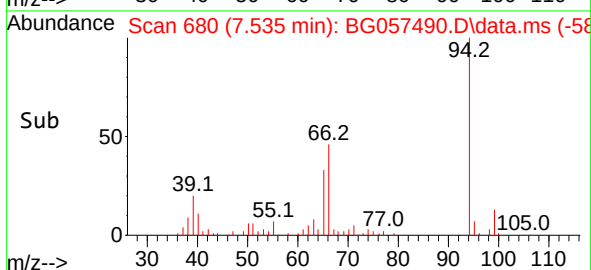
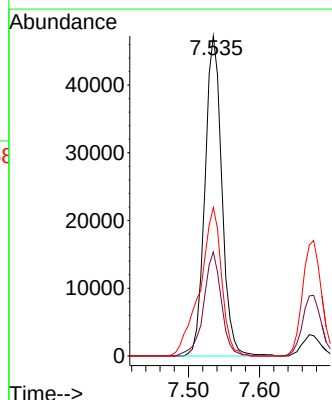
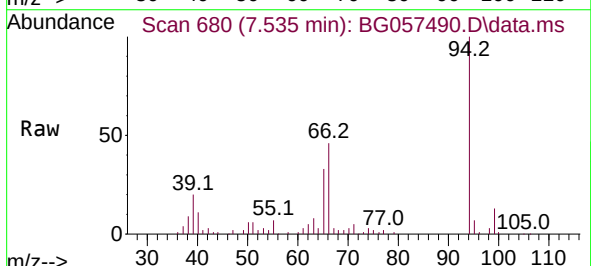
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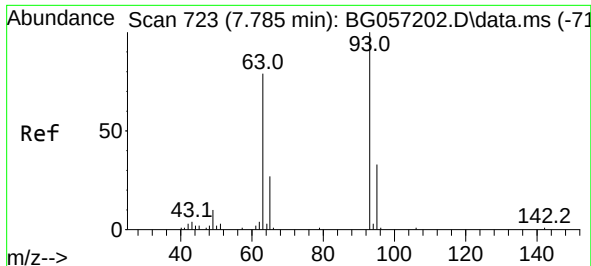
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023



#10
Phenol
Concen: 44.206 ng
RT: 7.535 min Scan# 680
Delta R.T. 0.007 min
Lab File: BG057490.D
Acq: 22 May 2023 12:26

Tgt Ion: 94 Resp: 78039
Ion Ratio Lower Upper
94 100
65 32.5 13.5 53.5
66 46.4 26.7 66.7





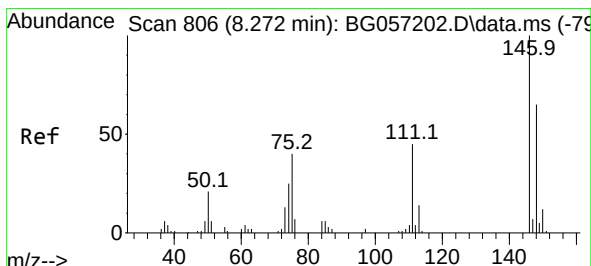
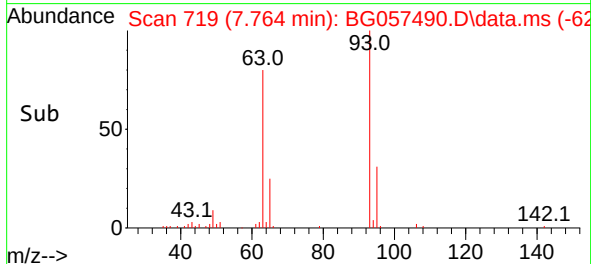
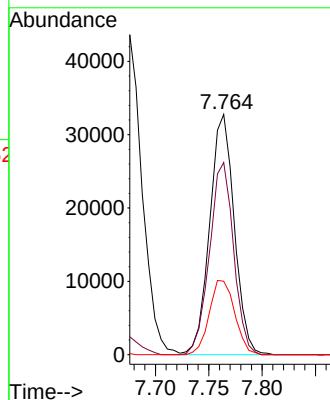
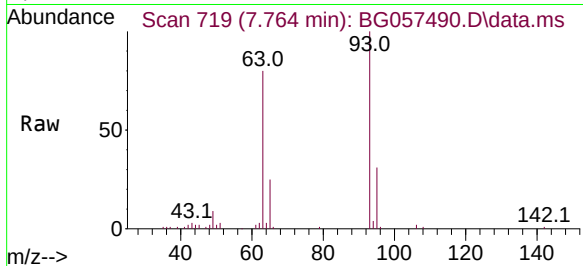
#11
bis(2-Chloroethyl)ether
Concen: 39.386 ng
RT: 7.764 min Scan# 719
Delta R.T. 0.002 min
Lab File: BG057490.D
Acq: 22 May 2023 12:26

Instrument :
BNA_G
ClientSampleId :
PB152920BS

Tgt Ion: 93 Resp: 52430
Ion Ratio Lower Upper
93 100
63 80.0 58.6 98.6
95 30.5 12.2 52.2

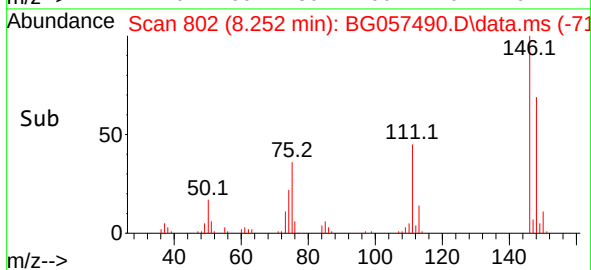
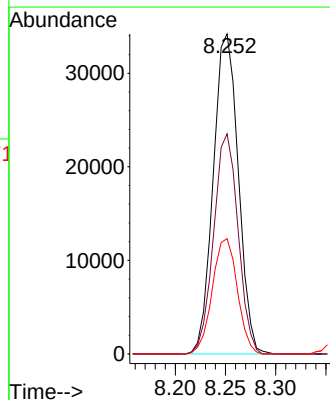
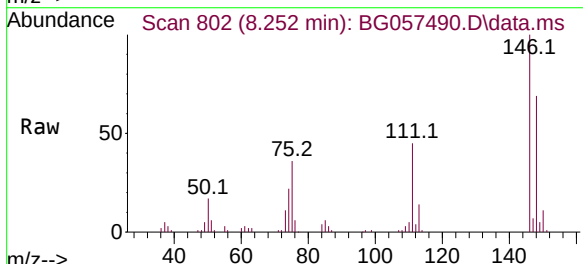
Manual Integrations
APPROVED

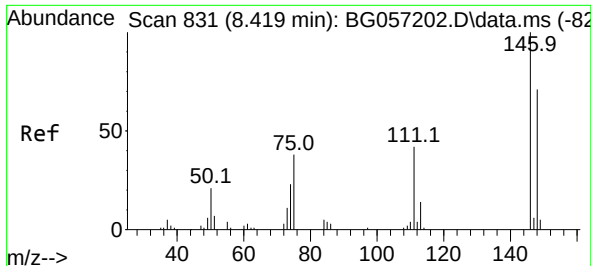
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023



#12
1,3-Dichlorobenzene
Concen: 42.659 ng
RT: 8.252 min Scan# 802
Delta R.T. 0.002 min
Lab File: BG057490.D
Acq: 22 May 2023 12:26

Tgt Ion:146 Resp: 59330
Ion Ratio Lower Upper
146 100
148 68.8 52.2 78.2
75 36.0 31.7 47.5





#13

1,4-Dichlorobenzene

Concen: 43.547 ng

RT: 8.398 min Scan# 81

Delta R.T. 0.002 min

Lab File: BG057490.D

Acq: 22 May 2023 12:26

Instrument :

BNA_G

ClientSampleId :

PB152920BS

Tgt Ion:146 Resp: 6083

Ion Ratio Lower Upper

146 100

148 69.8 56.4 84.6

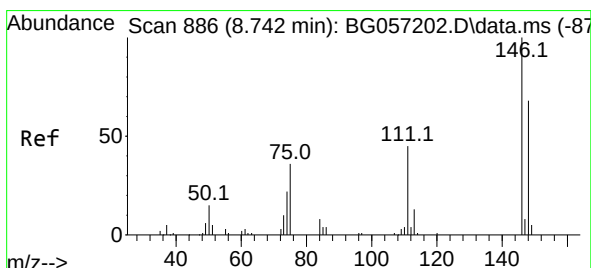
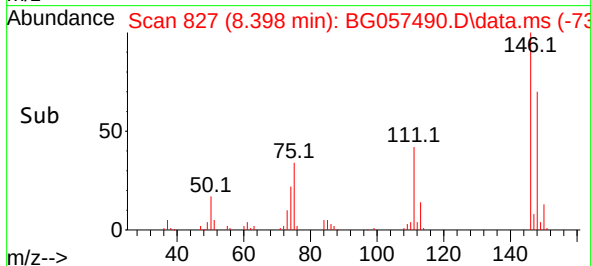
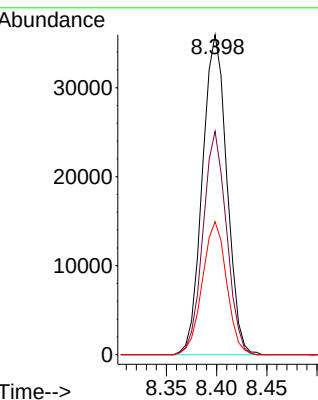
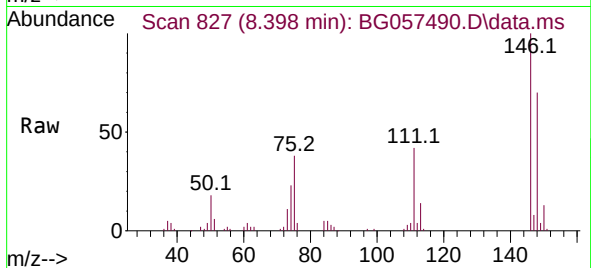
111 41.5 33.8 50.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/23/2023

Supervised By :Jagrut Upadhyay 05/23/2023



#14

1,2-Dichlorobenzene

Concen: 43.710 ng

RT: 8.722 min Scan# 882

Delta R.T. 0.002 min

Lab File: BG057490.D

Acq: 22 May 2023 12:26

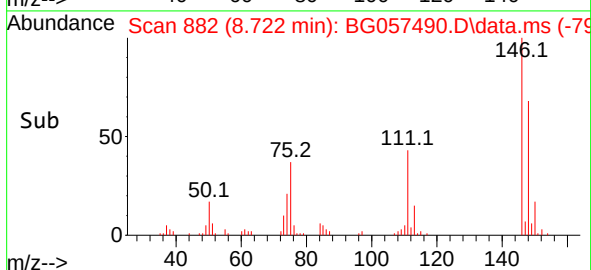
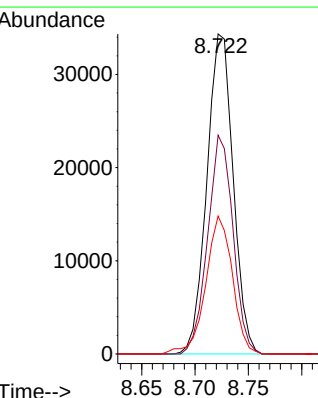
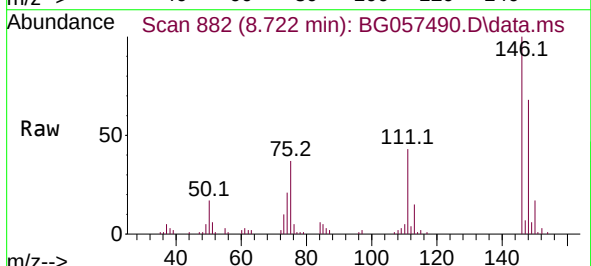
Tgt Ion:146 Resp: 58949

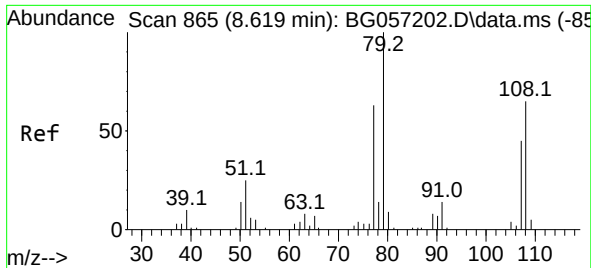
Ion Ratio Lower Upper

146 100

148 68.4 54.6 82.0

111 43.1 37.2 55.8





#15
Benzyl Alcohol
Concen: 40.382 ng
RT: 8.598 min Scan# 809
Delta R.T. 0.002 min
Lab File: BG057490.D
Acq: 22 May 2023 12:26

Instrument :

BNA_G

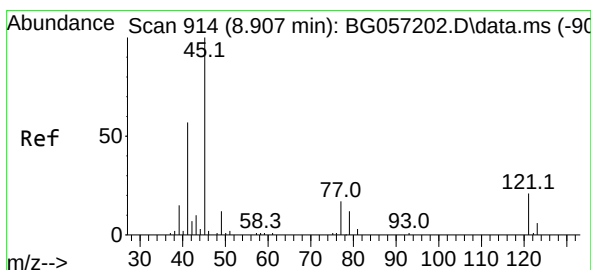
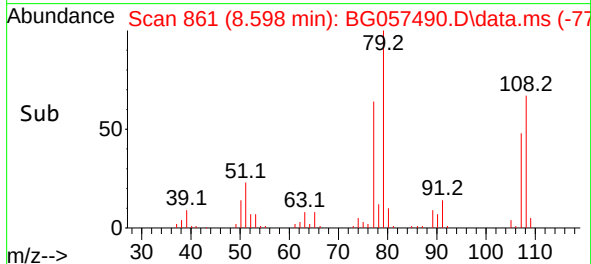
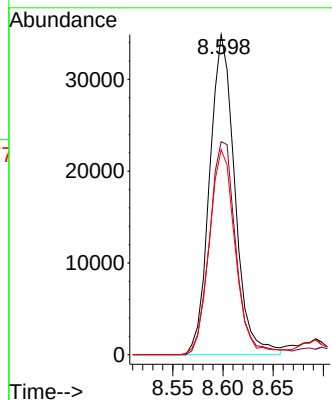
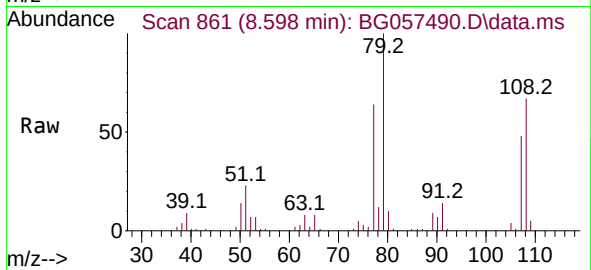
ClientSampleId :

PB152920BS

Tgt Ion: 79 Resp: 6092
Ion Ratio Lower Upper
79 100
108 66.6 52.2 78.2
77 64.1 50.1 75.1

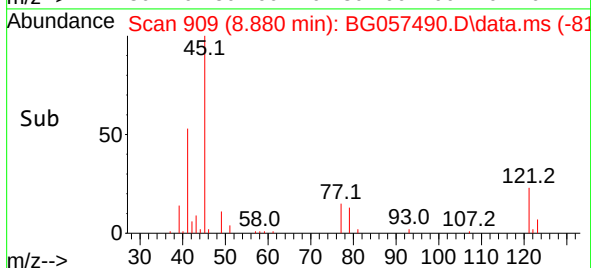
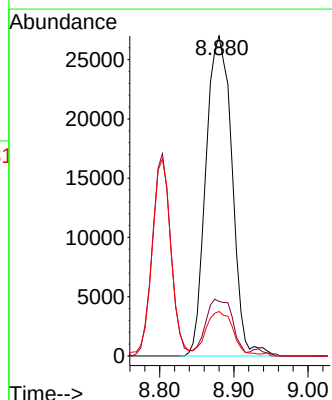
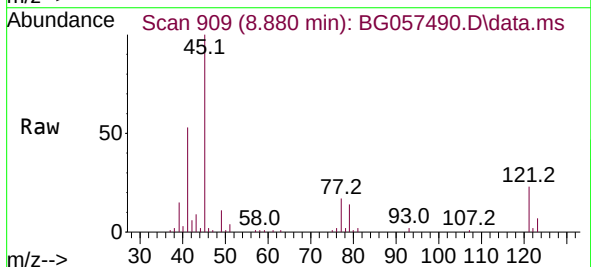
Manual Integrations
APPROVED

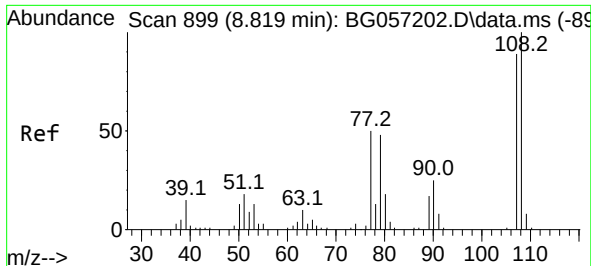
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.379 ng
RT: 8.880 min Scan# 909
Delta R.T. 0.002 min
Lab File: BG057490.D
Acq: 22 May 2023 12:26

Tgt Ion: 45 Resp: 66071
Ion Ratio Lower Upper
45 100
77 17.0 0.0 38.5
79 13.9 0.0 33.8





#17
2-Methylphenol
Concen: 42.578 ng
RT: 8.804 min Scan# 899
Delta R.T. 0.007 min
Lab File: BG057490.D
Acq: 22 May 2023 12:26

Instrument :

BNA_G

ClientSampleId :

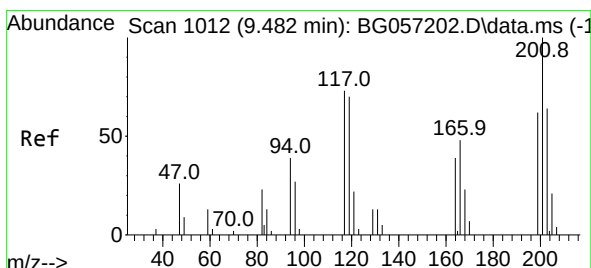
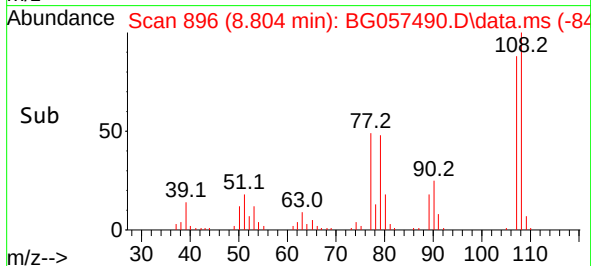
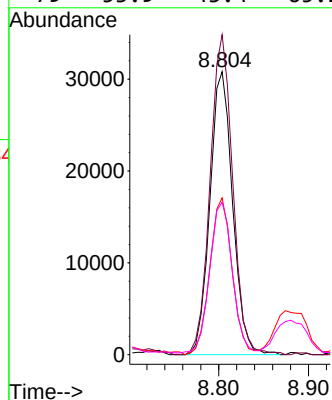
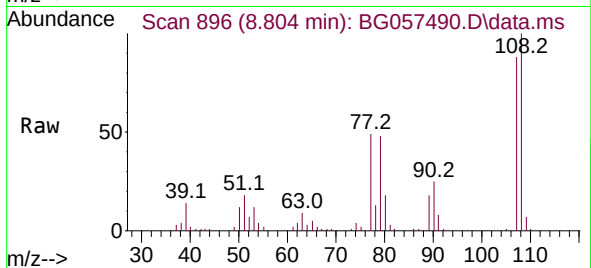
PB152920BS

Tgt Ion:107 Resp: 5418
Ion Ratio Lower Upper
107 100
108 113.1 89.5 134.3
77 55.4 45.1 67.7
79 53.9 43.4 65.2

Manual Integrations

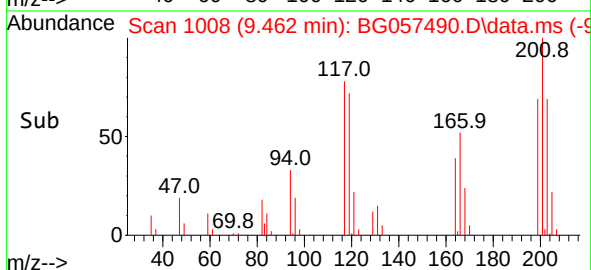
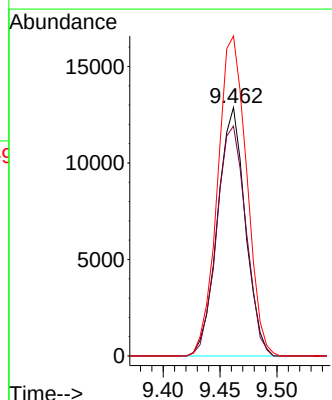
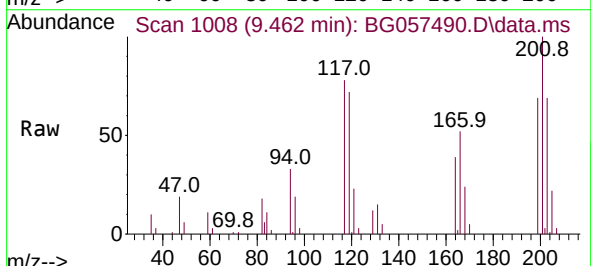
APPROVED

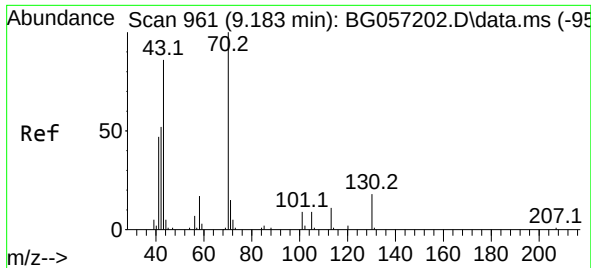
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023



#18
Hexachloroethane
Concen: 43.326 ng
RT: 9.462 min Scan# 1008
Delta R.T. 0.007 min
Lab File: BG057490.D
Acq: 22 May 2023 12:26

Tgt Ion:117 Resp: 21843
Ion Ratio Lower Upper
117 100
119 92.6 76.7 115.1
201 128.8 109.0 163.4





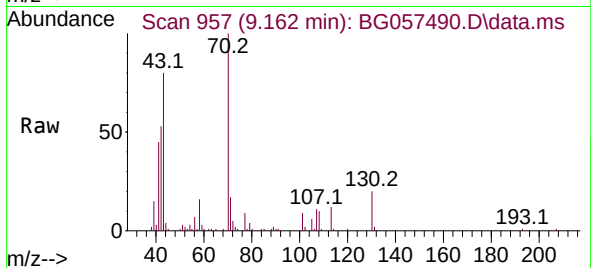
#19
n-Nitroso-di-n-propylamine
Concen: 36.736 ng
RT: 9.162 min Scan# 91
Delta R.T. 0.002 min
Lab File: BG057490.D
Acq: 22 May 2023 12:26

Instrument :

BNA_G

ClientSampleId :

PB152920BS

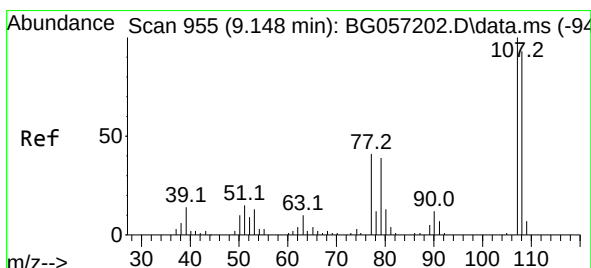
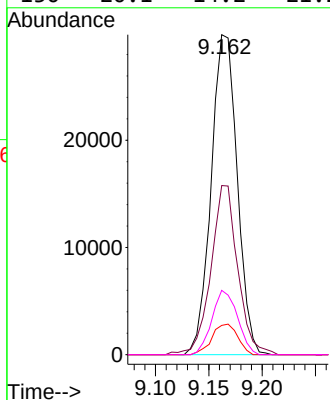
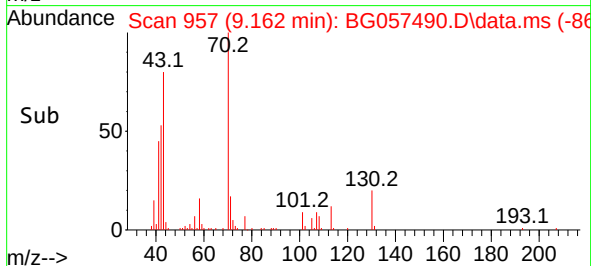


Tgt Ion: 70 Resp: 50728
Ion Ratio Lower Upper
70 100
42 52.9 41.8 62.8
101 9.1 6.8 10.2
130 20.1 14.2 21.2

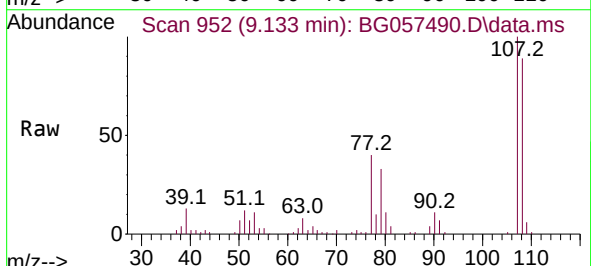
Manual Integrations

APPROVED

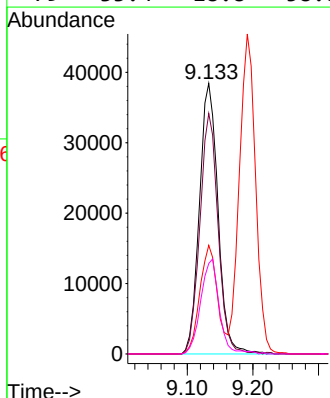
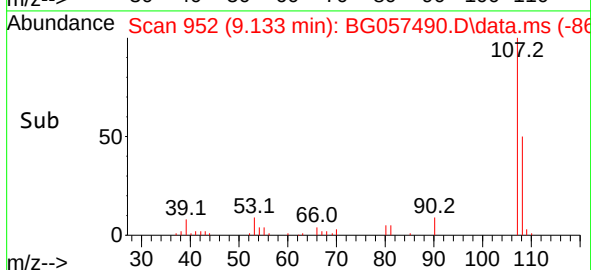
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023

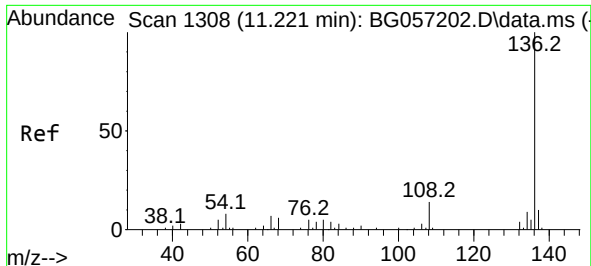


#20
3+4-Methylphenols
Concen: 43.490 ng
RT: 9.133 min Scan# 952
Delta R.T. 0.007 min
Lab File: BG057490.D
Acq: 22 May 2023 12:26



Tgt Ion:107 Resp: 75781
Ion Ratio Lower Upper
107 100
108 88.9 73.5 113.5
77 40.2 21.1 61.1
79 33.4 18.8 58.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.201 min Scan# 1308
Delta R.T. 0.002 min
Lab File: BG057490.D
Acq: 22 May 2023 12:26

Instrument :

BNA_G

ClientSampleId :

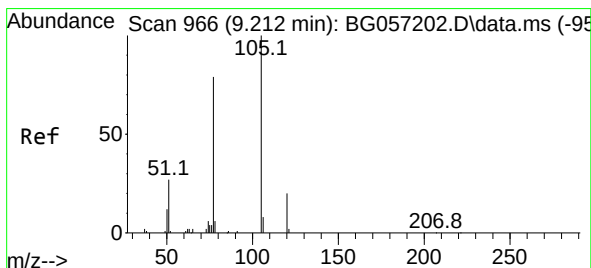
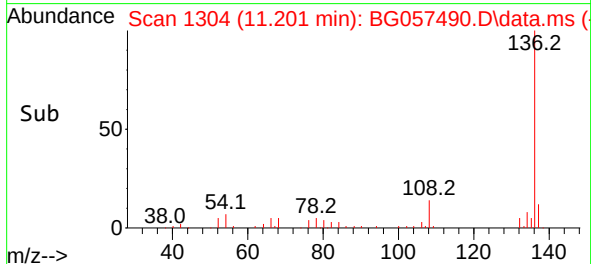
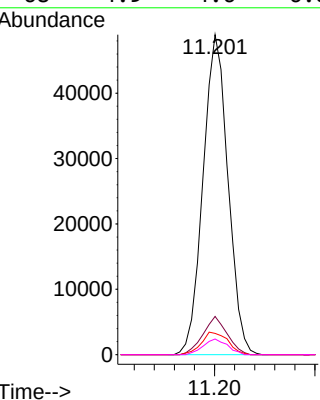
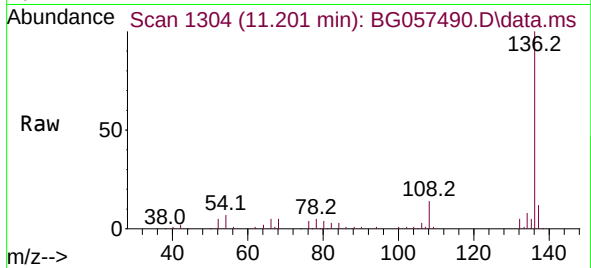
PB152920BS

Tgt Ion:136 Resp: 8446
Ion Ratio Lower Upper
136 100
137 11.9 8.3 12.5
54 6.7 6.7 10.1
68 4.9 4.6 6.8

Manual Integrations

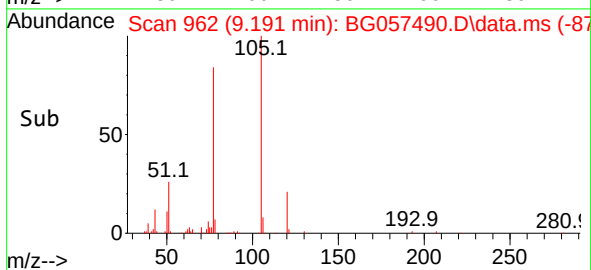
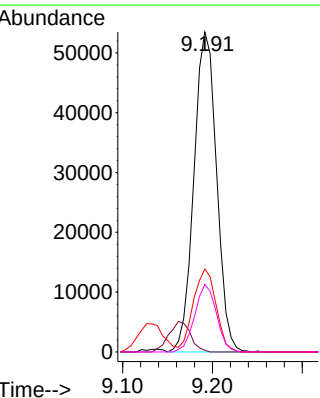
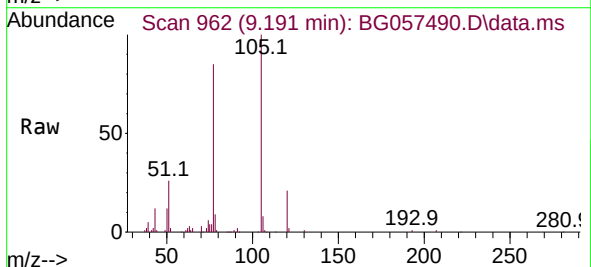
APPROVED

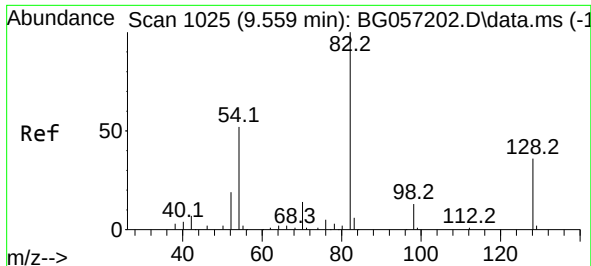
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023



#22
Acetophenone
Concen: 38.776 ng
RT: 9.191 min Scan# 962
Delta R.T. 0.002 min
Lab File: BG057490.D
Acq: 22 May 2023 12:26

Tgt Ion:105 Resp: 93739
Ion Ratio Lower Upper
105 100
71 0.5 0.4 0.6
51 25.9 24.0 36.0
120 21.1 15.8 23.8





#23
Nitrobenzene-d5
Concen: 60.111 ng
RT: 9.544 min Scan# 1022
Delta R.T. 0.007 min
Lab File: BG057490.D
Acq: 22 May 2023 12:26

Instrument :

BNA_G

ClientSampleId :

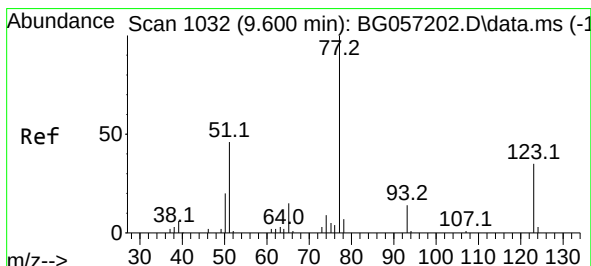
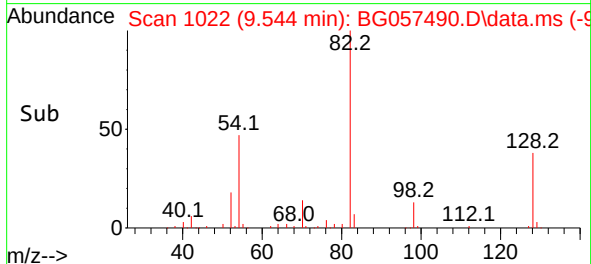
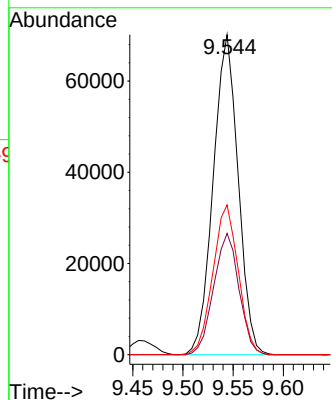
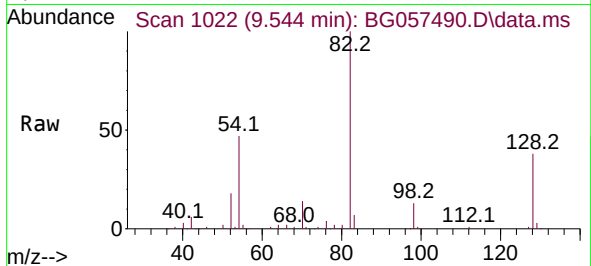
PB152920BS

Tgt Ion: 82 Resp: 120969
Ion Ratio Lower Upper
82 100
128 37.9 29.0 43.4
54 46.8 41.4 62.0

Manual Integrations

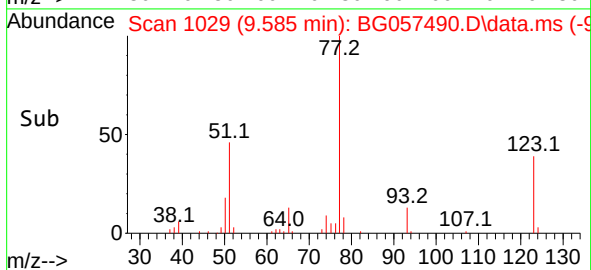
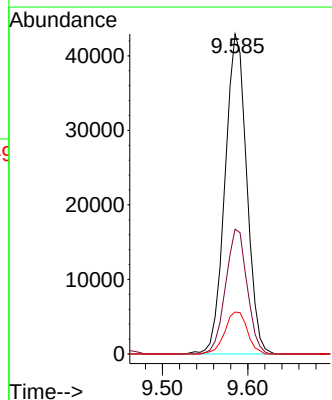
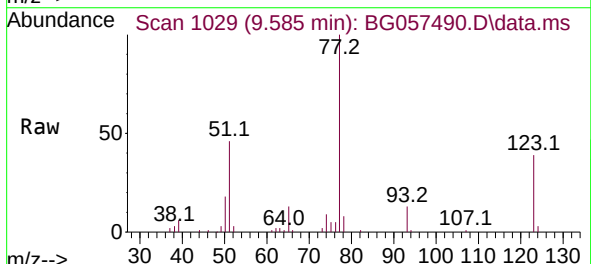
APPROVED

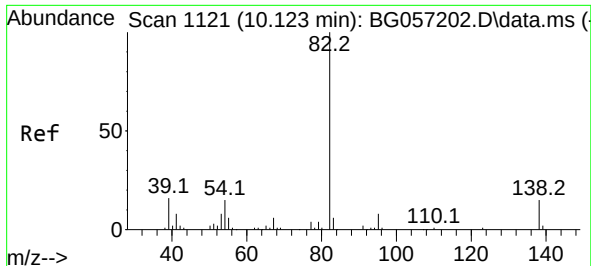
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023



#24
Nitrobenzene
Concen: 37.311 ng
RT: 9.585 min Scan# 1029
Delta R.T. 0.002 min
Lab File: BG057490.D
Acq: 22 May 2023 12:26

Tgt Ion: 77 Resp: 75785
Ion Ratio Lower Upper
77 100
123 39.0 28.2 42.2
65 13.1 11.7 17.5





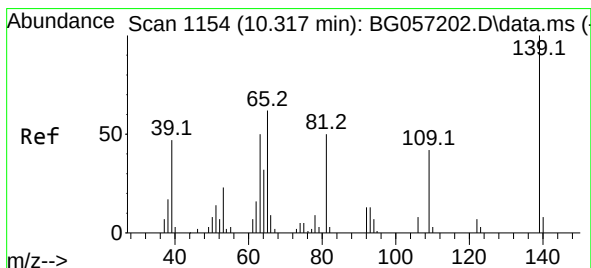
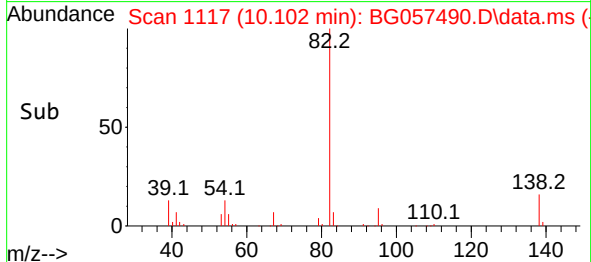
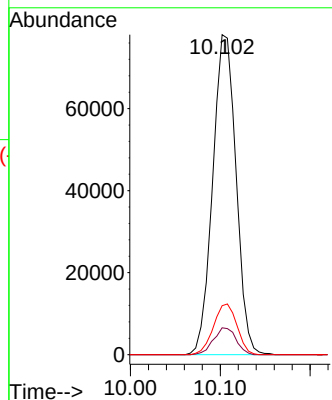
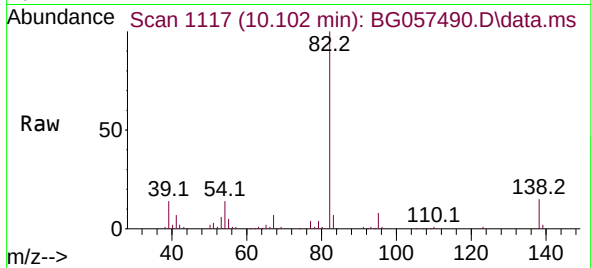
#25
Isophorone
Concen: 36.130 ng
RT: 10.102 min Scan# 1117
Delta R.T. 0.002 min
Lab File: BG057490.D
Acq: 22 May 2023 12:26

Instrument :
BNA_G
ClientSampleId :
PB152920BS

Tgt Ion: 82 Resp: 14099
Ion Ratio Lower Upper
82 100
95 8.4 6.4 9.6
138 15.3 12.3 18.5

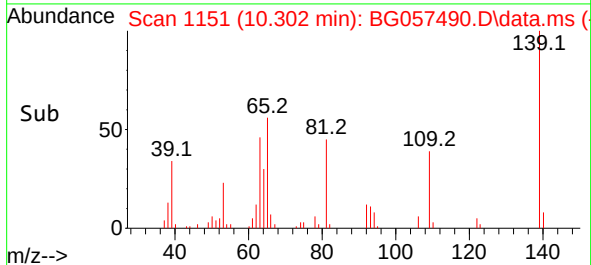
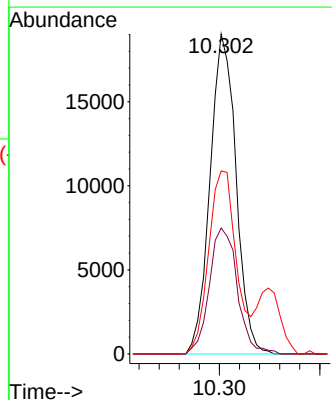
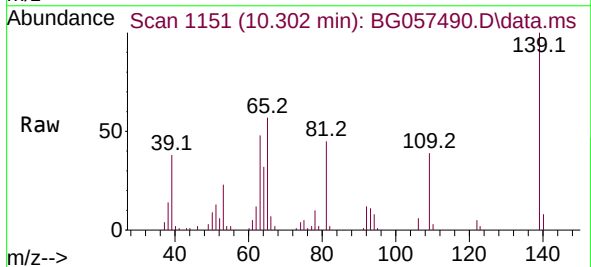
Manual Integrations
APPROVED

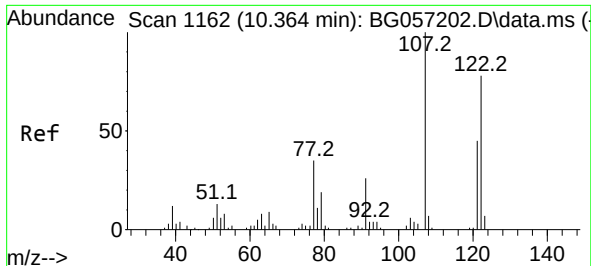
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023



#26
2-Nitrophenol
Concen: 43.957 ng
RT: 10.302 min Scan# 1151
Delta R.T. 0.002 min
Lab File: BG057490.D
Acq: 22 May 2023 12:26

Tgt Ion:139 Resp: 34176
Ion Ratio Lower Upper
139 100
109 39.4 33.4 50.2
65 57.2 49.8 74.6





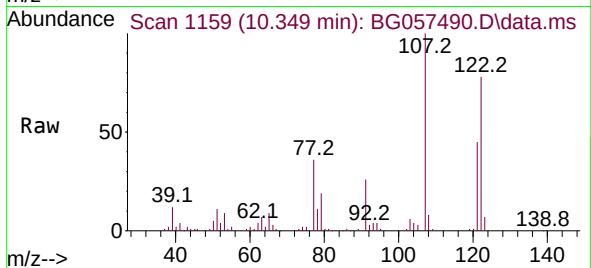
#27
2,4-Dimethylphenol
Concen: 45.513 ng
RT: 10.349 min Scan# 1162
Delta R.T. 0.007 min
Lab File: BG057490.D
Acq: 22 May 2023 12:26

Instrument :

BNA_G

ClientSampleId :

PB152920BS

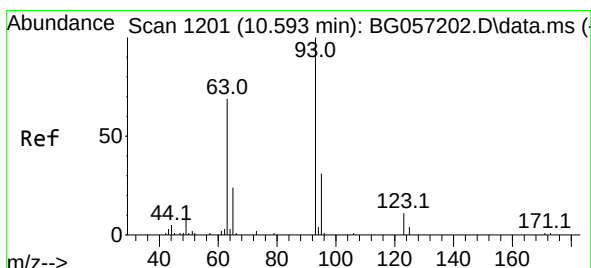
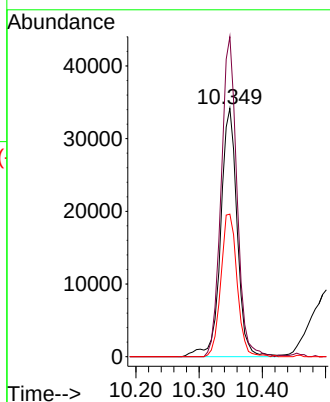
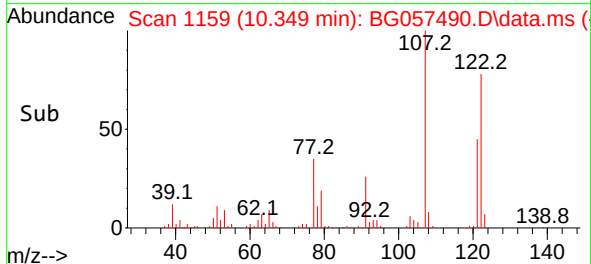


Tgt Ion:122 Resp: 61962
Ion Ratio Lower Upper
122 100
107 128.9 103.0 154.4
121 57.4 45.9 68.9

Manual Integrations

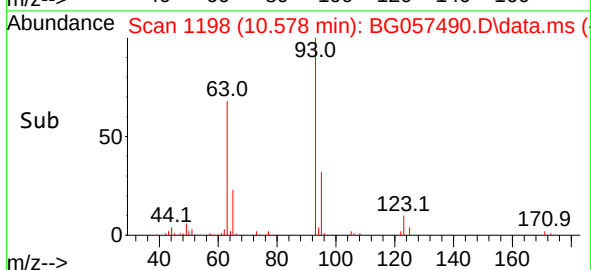
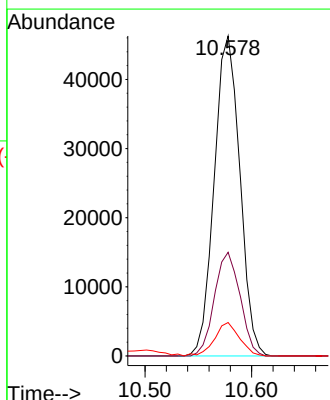
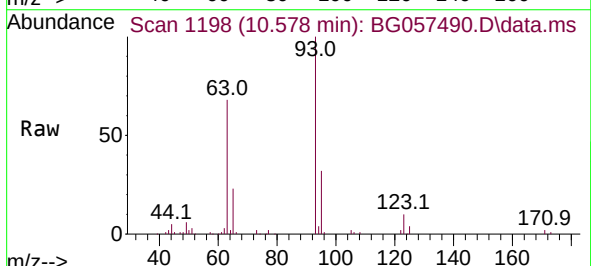
APPROVED

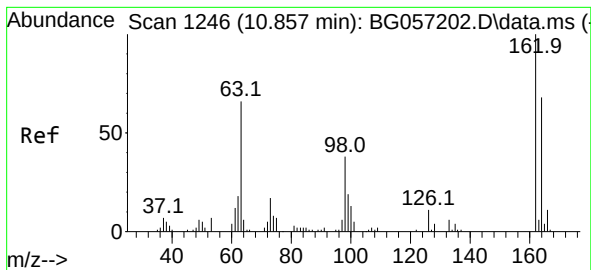
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023



#28
bis(2-Chloroethoxy)methane
Concen: 39.439 ng
RT: 10.578 min Scan# 1198
Delta R.T. 0.007 min
Lab File: BG057490.D
Acq: 22 May 2023 12:26

Tgt Ion: 93 Resp: 77102
Ion Ratio Lower Upper
93 100
95 32.4 25.0 37.6
123 10.4 8.5 12.7





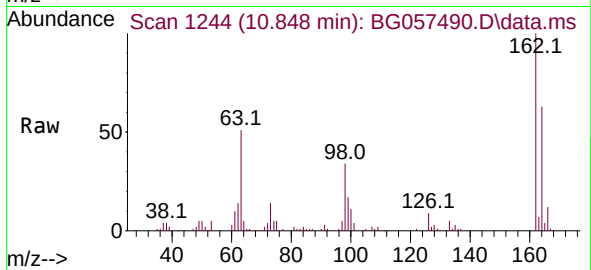
#29
2,4-Dichlorophenol
Concen: 46.616 ng
RT: 10.848 min Scan# 1244
Delta R.T. 0.007 min
Lab File: BG057490.D
Acq: 22 May 2023 12:26

Instrument :

BNA_G

ClientSampleId :

PB152920BS

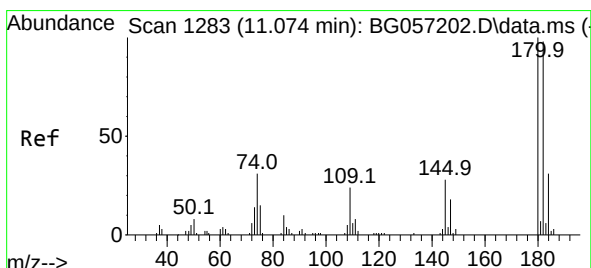
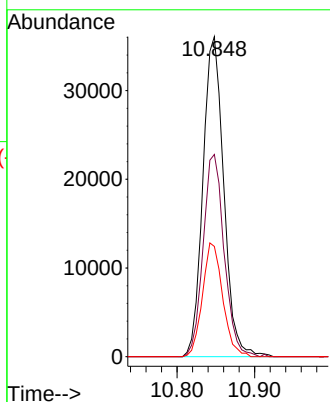
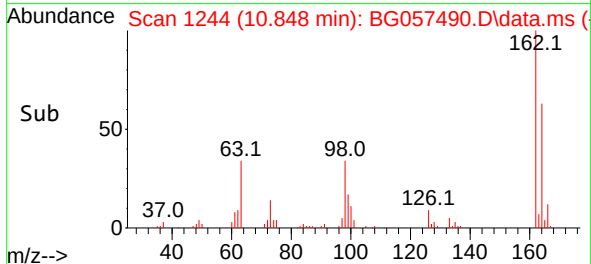


Tgt Ion:162 Resp: 6731
Ion Ratio Lower Upper
162 100
164 63.2 48.4 88.4
98 34.4 17.6 57.6

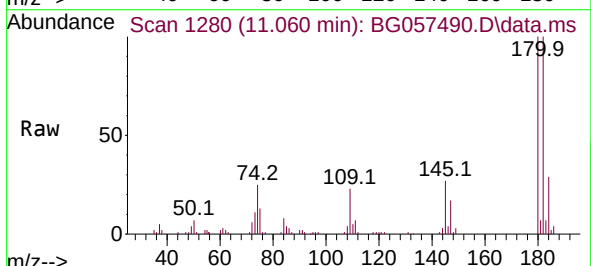
Manual Integrations

APPROVED

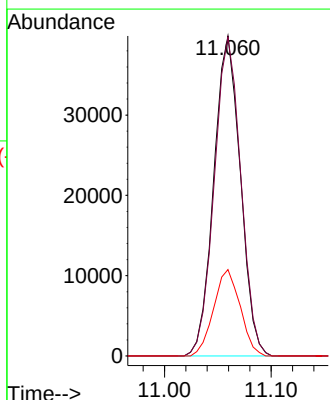
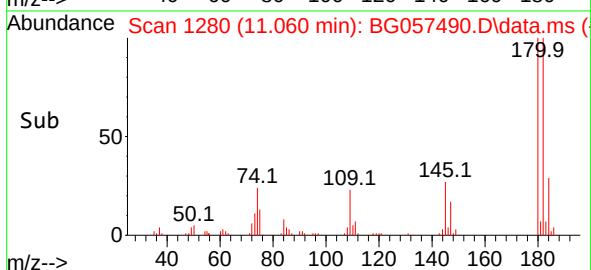
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023

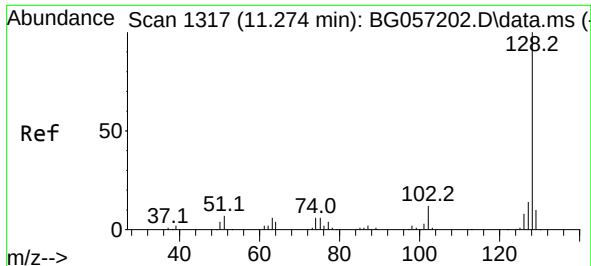


#30
1,2,4-Trichlorobenzene
Concen: 41.373 ng
RT: 11.060 min Scan# 1280
Delta R.T. 0.007 min
Lab File: BG057490.D
Acq: 22 May 2023 12:26



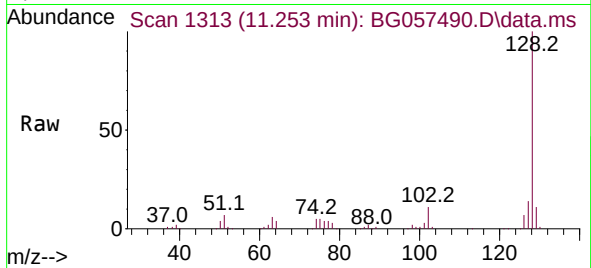
Tgt Ion:180 Resp: 68905
Ion Ratio Lower Upper
180 100
182 99.6 78.0 117.0
145 27.0 22.4 33.6





#31
Naphthalene
Concen: 40.074 ng
RT: 11.253 min Scan# 11
Delta R.T. 0.007 min
Lab File: BG057490.D
Acq: 22 May 2023 12:26

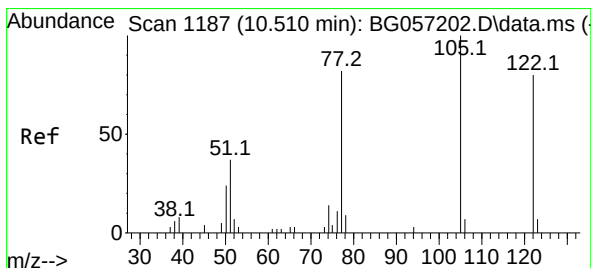
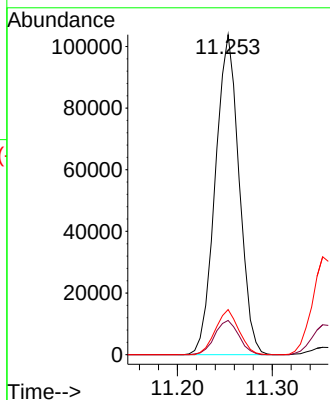
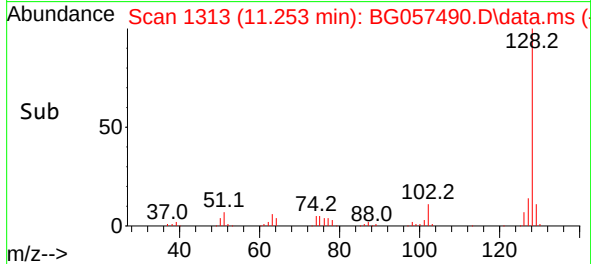
Instrument :
BNA_G
ClientSampleId :
PB152920BS



Tgt Ion:128 Resp: 180950
Ion Ratio Lower Upper
128 100
129 10.7 8.3 12.5
127 14.1 11.1 16.7

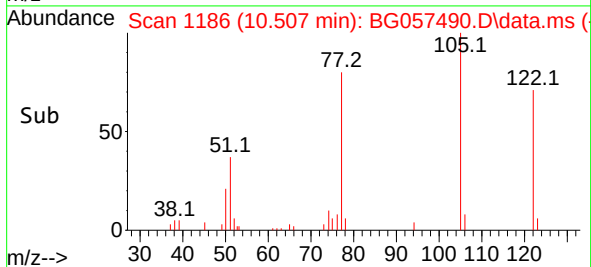
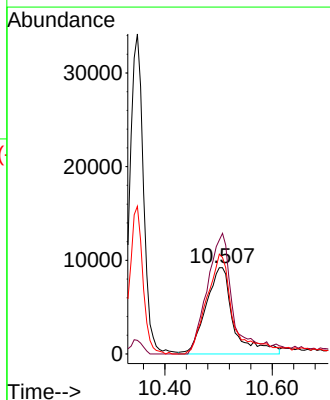
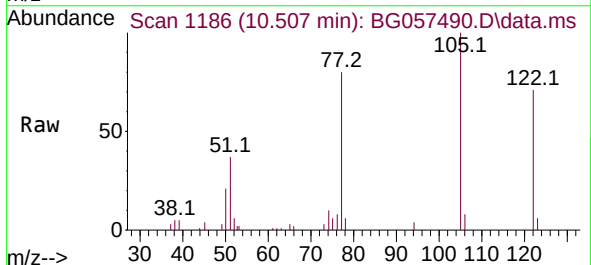
Manual Integrations
APPROVED

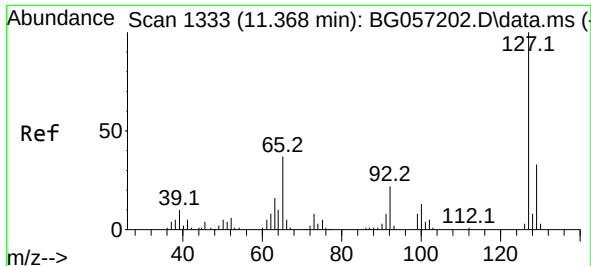
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023



#32
Benzoic acid
Concen: 42.598 ng m
RT: 10.507 min Scan# 1186
Delta R.T. 0.019 min
Lab File: BG057490.D
Acq: 22 May 2023 12:26

Tgt Ion:122 Resp: 32979
Ion Ratio Lower Upper
122 100
105 139.9 105.2 145.2
77 111.8 83.1 123.1





#33
4-Chloroaniline
Concen: 30.528 ng
RT: 11.353 min Scan# 11330
Delta R.T. 0.002 min
Lab File: BG057490.D
Acq: 22 May 2023 12:26

Instrument :

BNA_G

ClientSampleId :

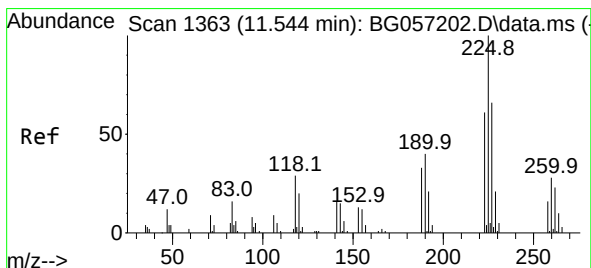
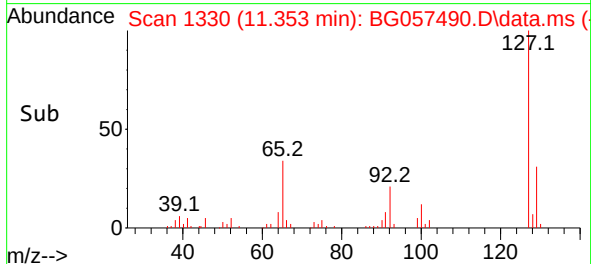
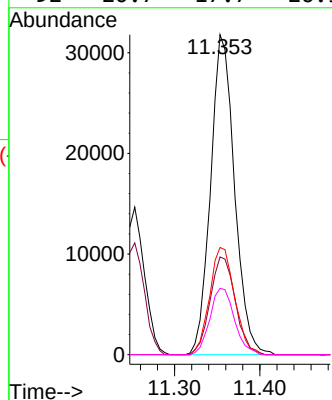
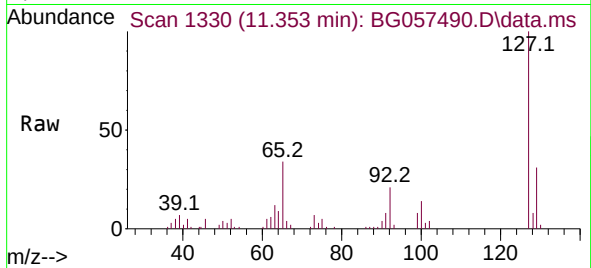
PB152920BS

Tgt Ion:127 Resp: 61900
Ion Ratio Lower Upper
127 100
129 30.6 26.7 40.1
65 33.5 29.7 44.5
92 20.7 17.7 26.5

Manual Integrations

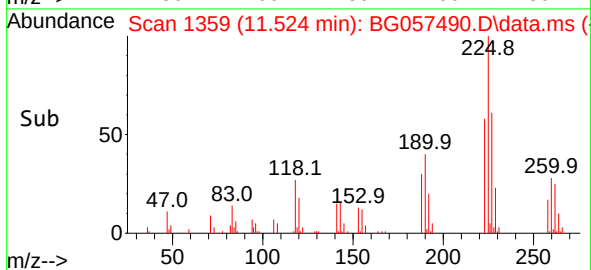
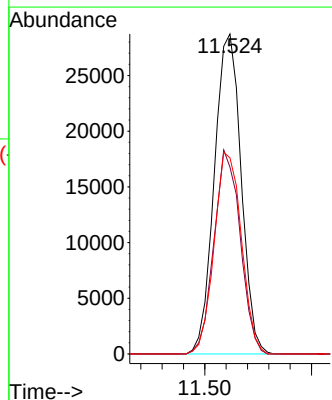
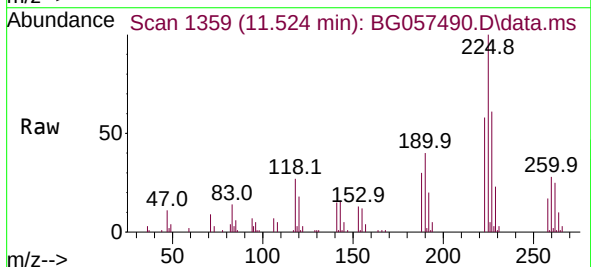
APPROVED

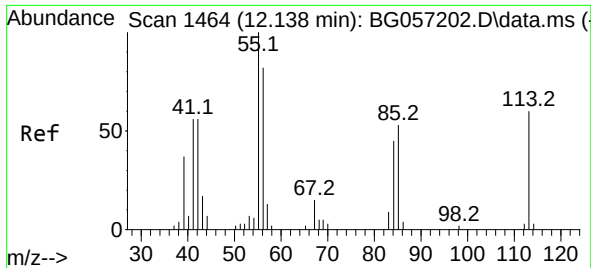
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023



#34
Hexachlorobutadiene
Concen: 40.548 ng
RT: 11.524 min Scan# 1359
Delta R.T. 0.007 min
Lab File: BG057490.D
Acq: 22 May 2023 12:26

Tgt Ion:225 Resp: 50109
Ion Ratio Lower Upper
225 100
223 58.4 48.6 72.8
227 61.3 52.7 79.1





#35
Caprolactam
Concen: 43.044 ng m
RT: 12.129 min Scan# 1462
Delta R.T. 0.007 min
Lab File: BG057490.D
Acq: 22 May 2023 12:26

Instrument :

BNA_G

ClientSampleId :

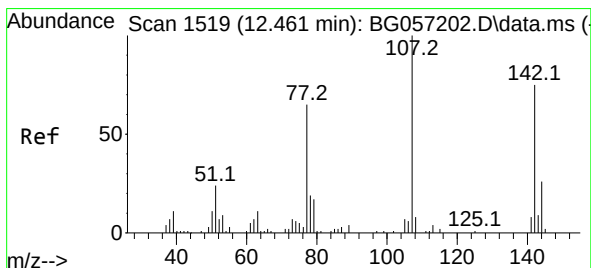
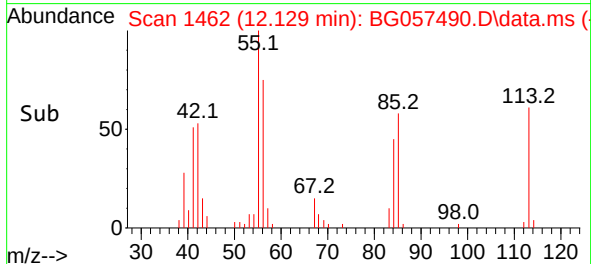
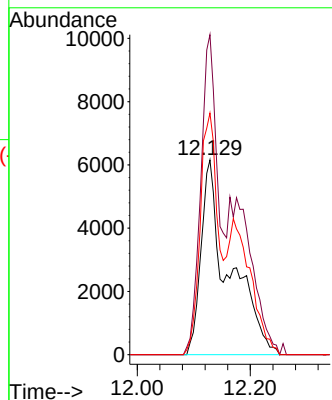
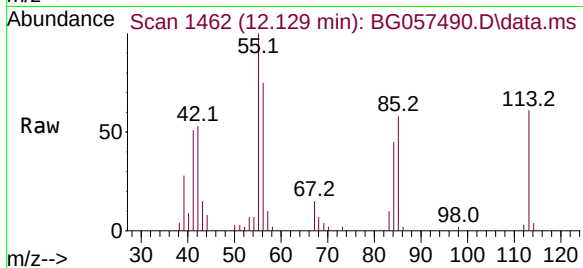
PB152920BS

Tgt Ion:113 Resp: 2123
Ion Ratio Lower Upper
113 100
55 164.3 145.5 185.5
56 124.0 115.9 155.9

Manual Integrations

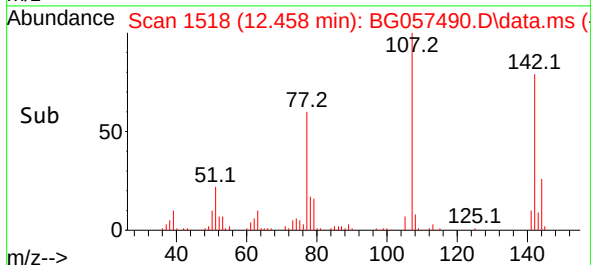
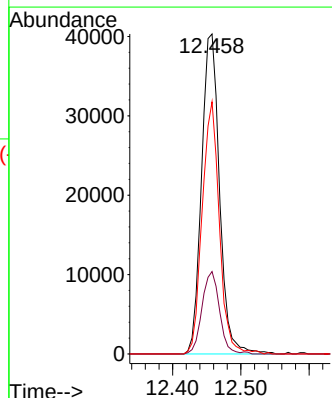
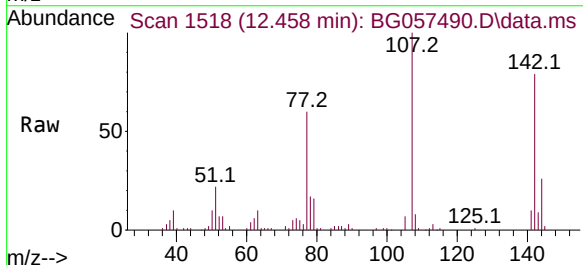
APPROVED

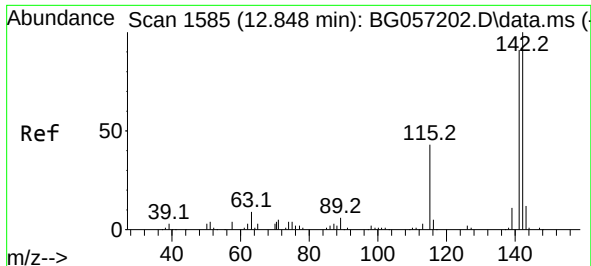
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023



#36
4-Chloro-3-methylphenol
Concen: 45.124 ng
RT: 12.458 min Scan# 1518
Delta R.T. 0.013 min
Lab File: BG057490.D
Acq: 22 May 2023 12:26

Tgt Ion:107 Resp: 74044
Ion Ratio Lower Upper
107 100
144 25.8 21.0 31.6
142 78.8 60.0 90.0





#37
2-Methylnaphthalene
Concen: 39.596 ng
RT: 12.834 min Scan# 11
Delta R.T. 0.007 min
Lab File: BG057490.D
Acq: 22 May 2023 12:26

Instrument :

BNA_G

ClientSampleId :

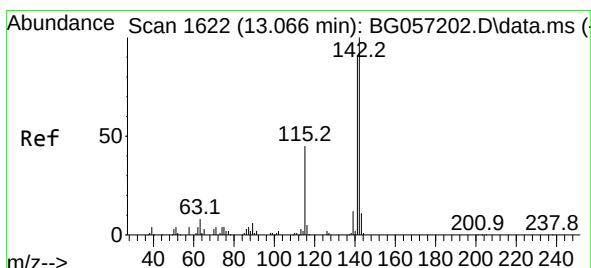
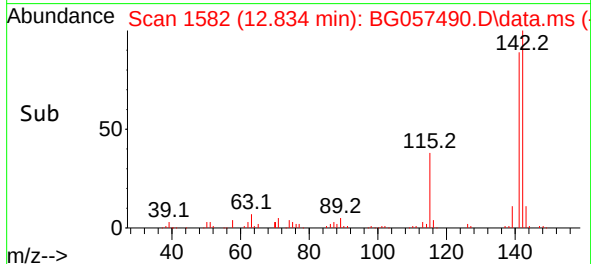
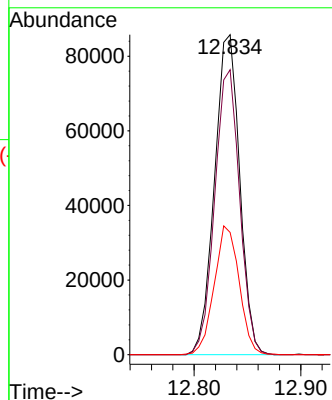
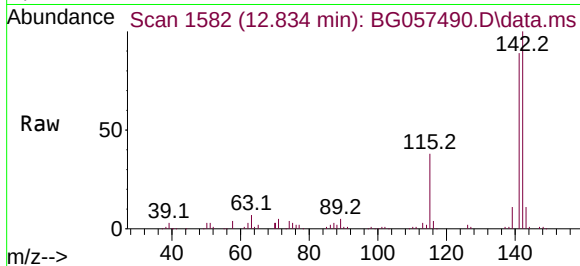
PB152920BS

Tgt Ion:142 Resp: 140570
Ion Ratio Lower Upper
142 100
141 89.0 73.1 109.7
115 38.2 34.6 52.0

Manual Integrations

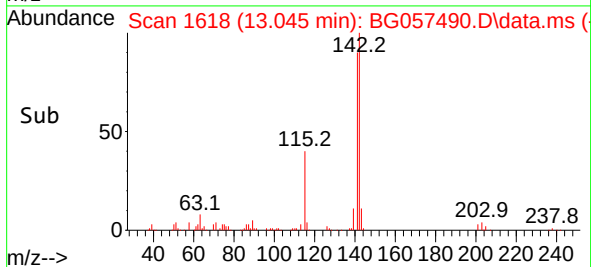
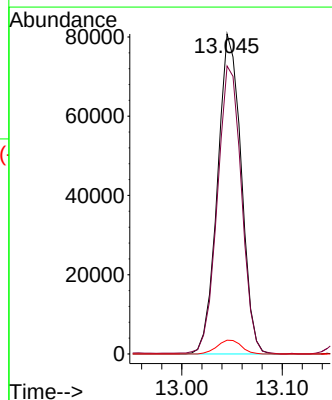
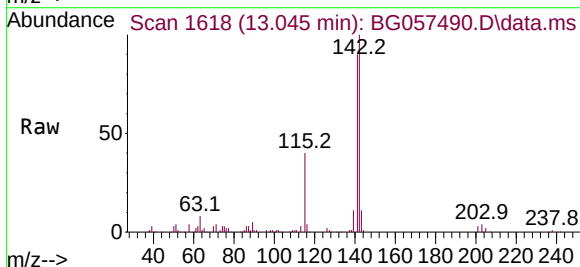
APPROVED

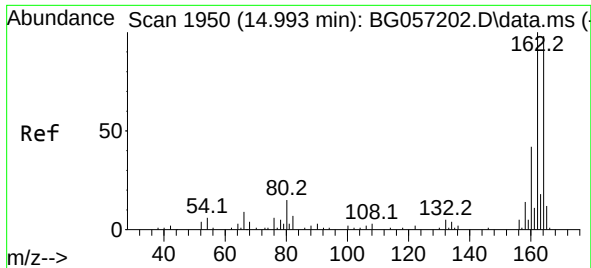
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023



#38
1-Methylnaphthalene
Concen: 39.522 ng
RT: 13.045 min Scan# 1618
Delta R.T. 0.002 min
Lab File: BG057490.D
Acq: 22 May 2023 12:26

Tgt Ion:142 Resp: 132254
Ion Ratio Lower Upper
142 100
141 90.0 72.5 108.7
116 4.3 3.7 5.5





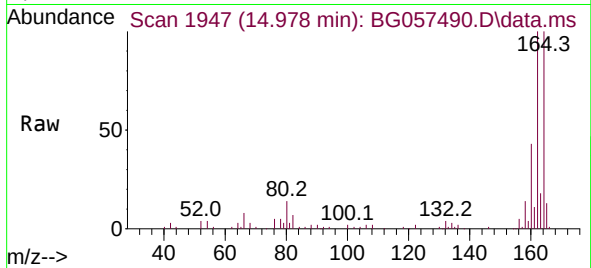
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.978 min Scan# 1950
Delta R.T. 0.002 min
Lab File: BG057490.D
Acq: 22 May 2023 12:26

Instrument :

BNA_G

ClientSampleId :

PB152920BS

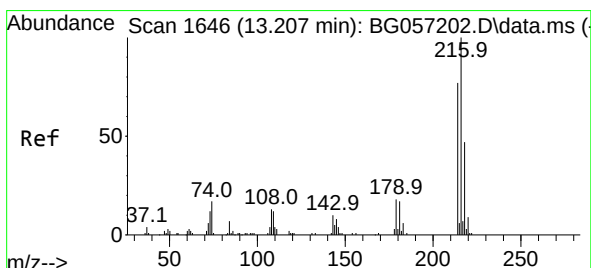
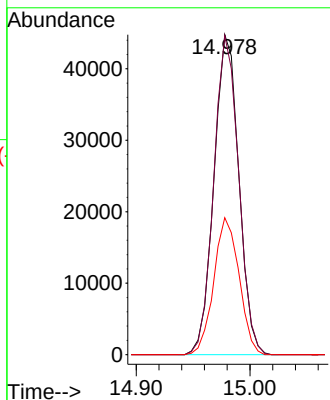
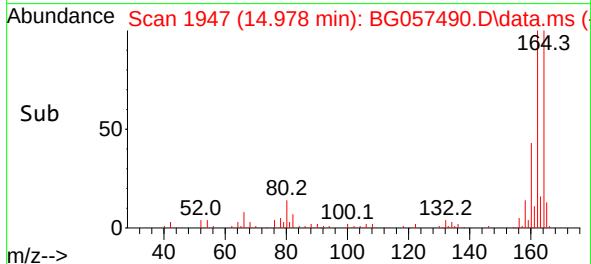


Tgt Ion:164 Resp: 68130
Ion Ratio Lower Upper
164 100
162 99.7 81.8 122.6
160 42.8 34.6 52.0

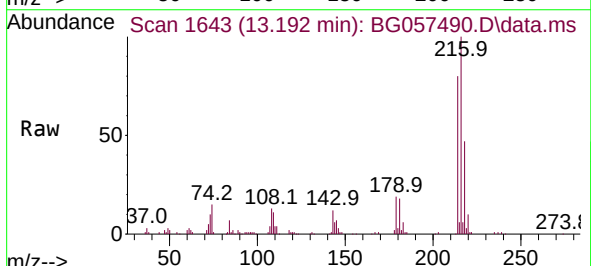
Manual Integrations

APPROVED

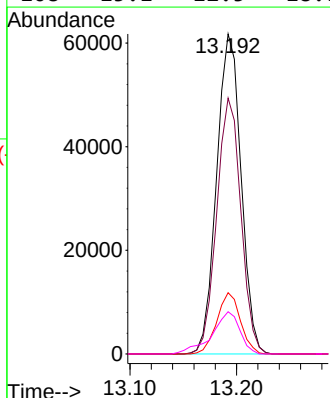
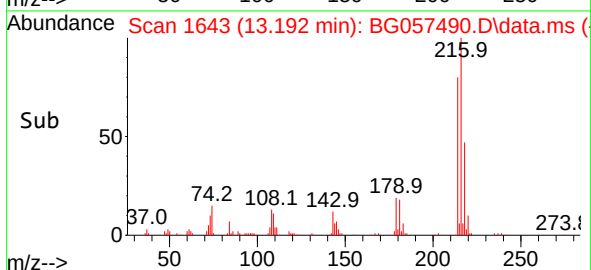
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023

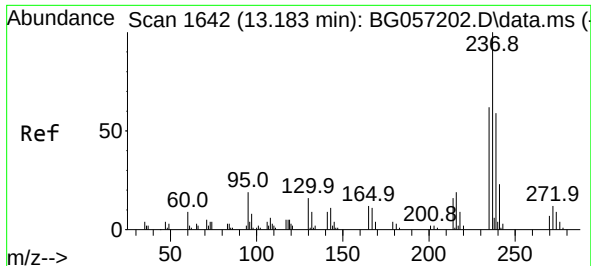


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.575 ng
RT: 13.192 min Scan# 1643
Delta R.T. 0.002 min
Lab File: BG057490.D
Acq: 22 May 2023 12:26



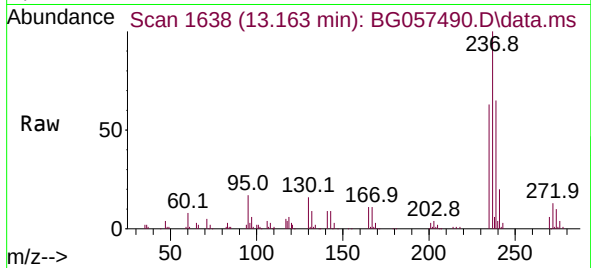
Tgt Ion:216 Resp: 98139
Ion Ratio Lower Upper
216 100
214 79.3 63.7 95.5
179 18.5 14.6 22.0
108 15.1 12.5 18.7





#41
Hexachlorocyclopentadiene
Concen: 76.861 ng
RT: 13.163 min Scan# 1642
Delta R.T. 0.002 min
Lab File: BG057490.D
Acq: 22 May 2023 12:26

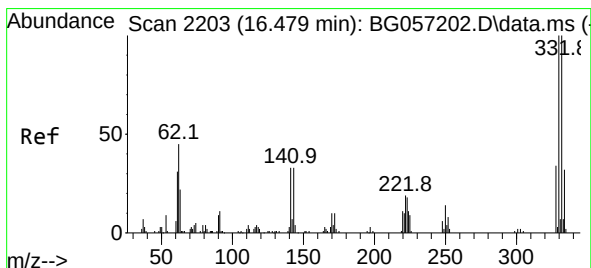
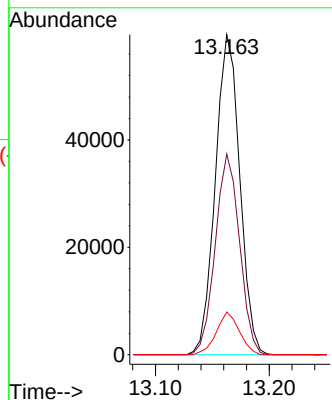
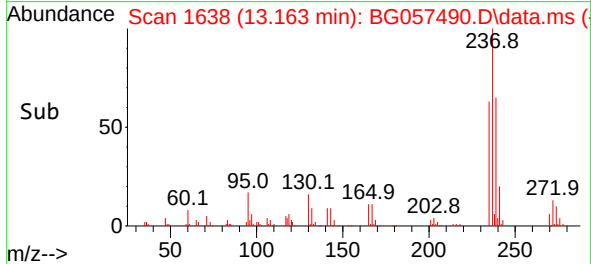
Instrument :
BNA_G
ClientSampleId :
PB152920BS



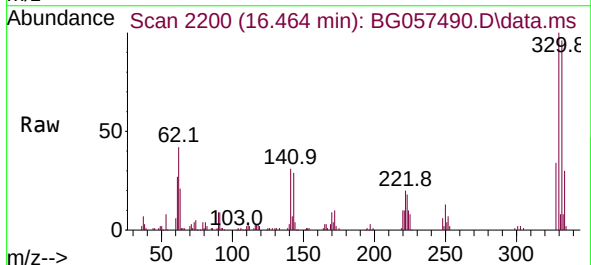
Tgt Ion:237 Resp: 8904
Ion Ratio Lower Upper
237 100
235 62.7 42.0 82.0
272 13.4 0.0 31.5

Manual Integrations
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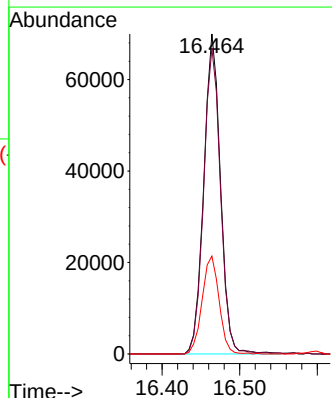
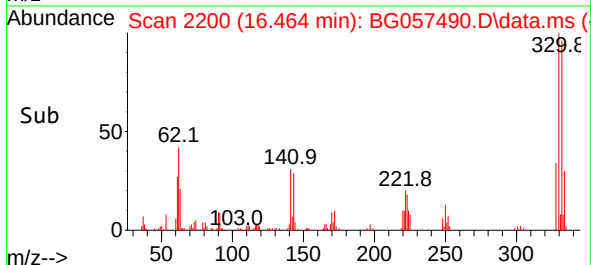
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023

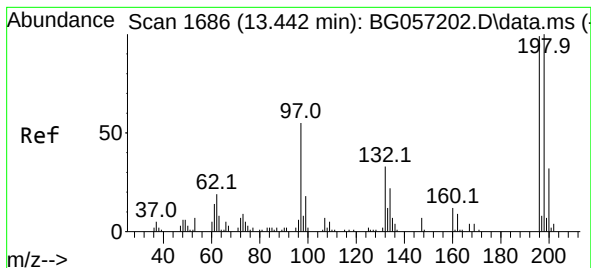


#42
2,4,6-Tribromophenol
Concen: 108.285 ng
RT: 16.464 min Scan# 2200
Delta R.T. 0.007 min
Lab File: BG057490.D
Acq: 22 May 2023 12:26



Tgt Ion:330 Resp: 104678
Ion Ratio Lower Upper
330 100
332 96.4 78.2 117.2
141 31.1 27.8 41.8





#43

2,4,6-Trichlorophenol

Concen: 43.256 ng

RT: 13.427 min Scan# 1683

Delta R.T. 0.007 min

Lab File: BG057490.D

Acq: 22 May 2023 12:26

Instrument :

BNA_G

ClientSampleId :

PB152920BS

Tgt Ion:196 Resp: 63739

Ion Ratio Lower Upper

196 100

198 103.6 81.2 121.8

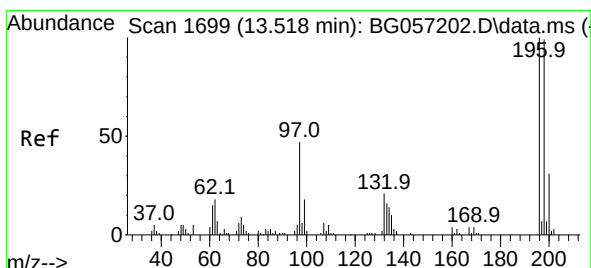
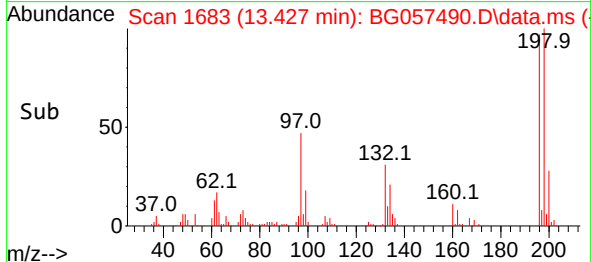
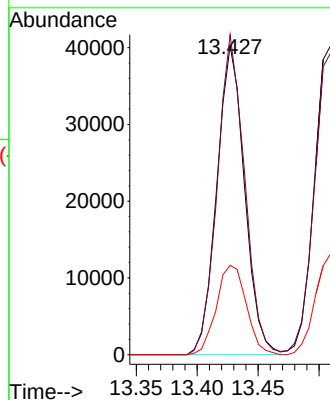
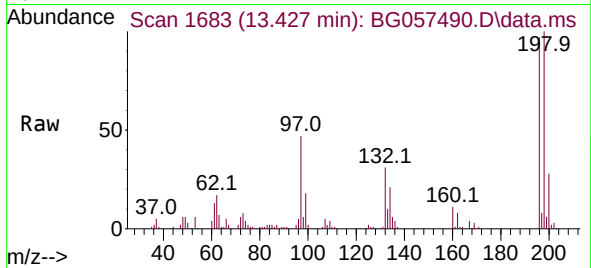
200 28.9 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/23/2023

Supervised By :Jagrut Upadhyay 05/23/2023



#44

2,4,5-Trichlorophenol

Concen: 39.809 ng

RT: 13.509 min Scan# 1697

Delta R.T. 0.007 min

Lab File: BG057490.D

Acq: 22 May 2023 12:26

Tgt Ion:196 Resp: 69002

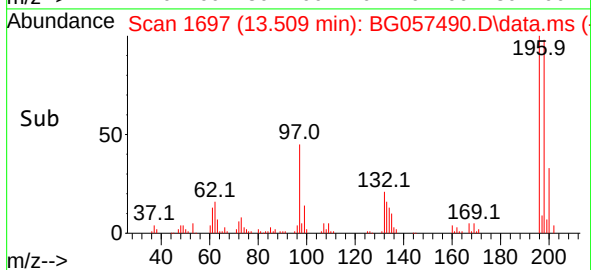
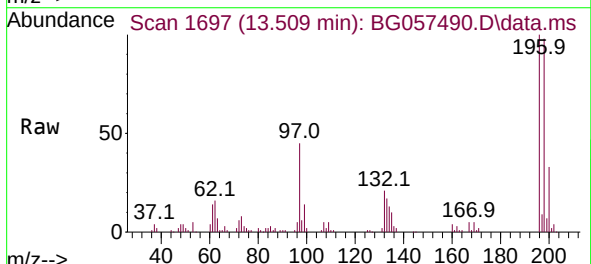
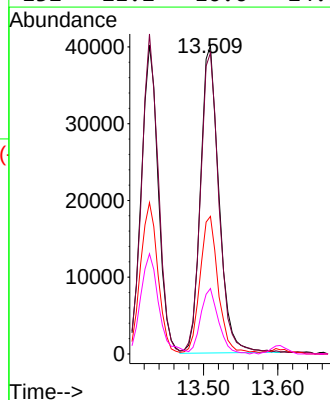
Ion Ratio Lower Upper

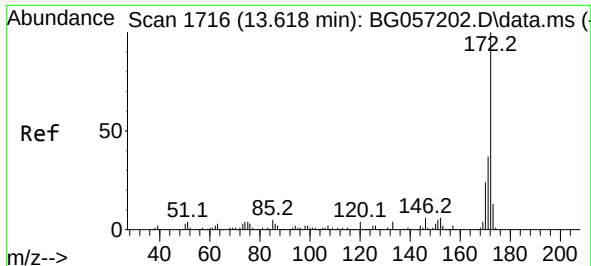
196 100

198 97.6 79.4 119.2

97 44.6 37.0 55.4

132 21.2 16.6 24.8





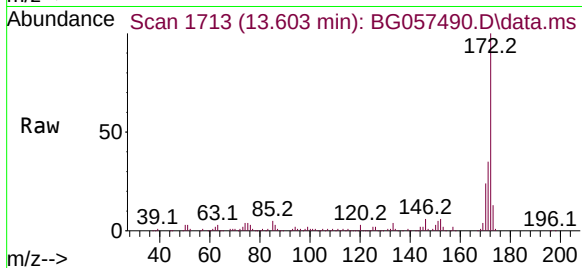
#45
2-Fluorobiphenyl
Concen: 62.811 ng
RT: 13.603 min Scan# 1713
Delta R.T. 0.002 min
Lab File: BG057490.D
Acq: 22 May 2023 12:26

Instrument :

BNA_G

ClientSampleId :

PB152920BS

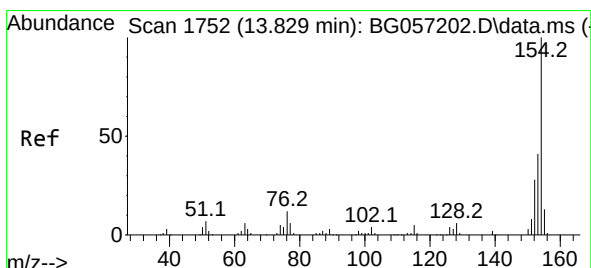
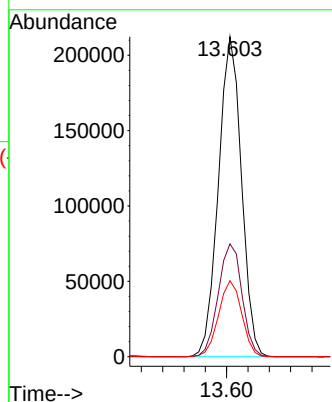
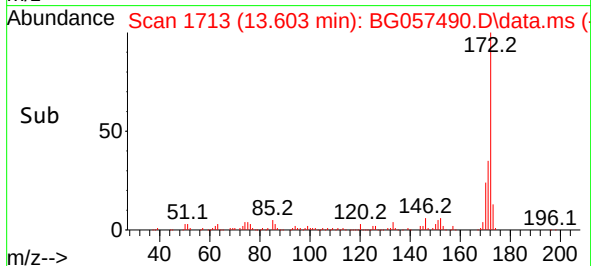


Tgt Ion:172 Resp: 317738
Ion Ratio Lower Upper
172 100
171 35.3 29.4 44.0
170 23.7 19.0 28.6

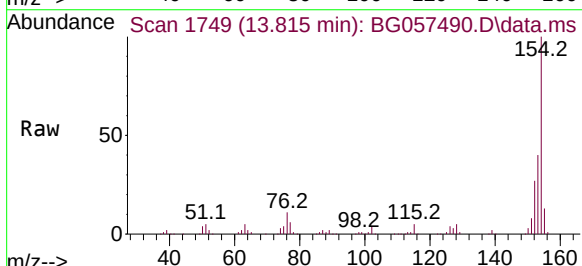
Manual Integrations

APPROVED

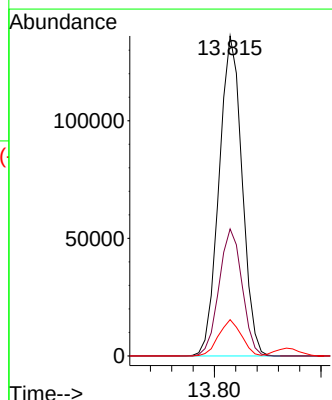
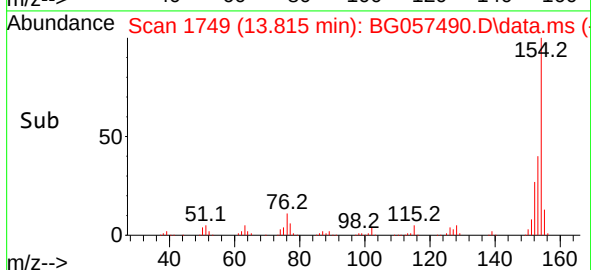
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023

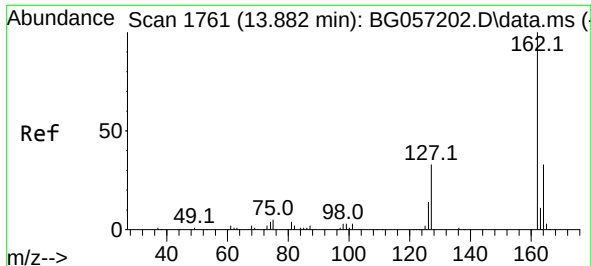


#46
1,1'-Biphenyl
Concen: 40.326 ng
RT: 13.815 min Scan# 1749
Delta R.T. 0.002 min
Lab File: BG057490.D
Acq: 22 May 2023 12:26



Tgt Ion:154 Resp: 203868
Ion Ratio Lower Upper
154 100
153 39.7 20.9 60.9
76 11.4 0.0 31.7





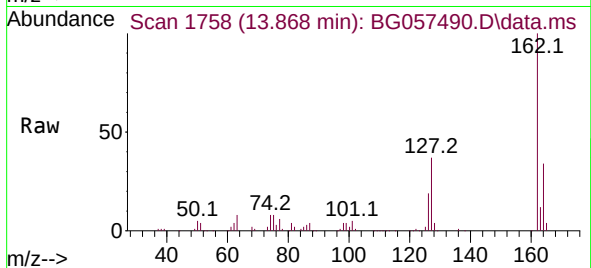
#47
2-Chloronaphthalene
Concen: 40.937 ng
RT: 13.868 min Scan# 1758
Delta R.T. 0.002 min
Lab File: BG057490.D
Acq: 22 May 2023 12:26

Instrument :

BNA_G

ClientSampleId :

PB152920BS

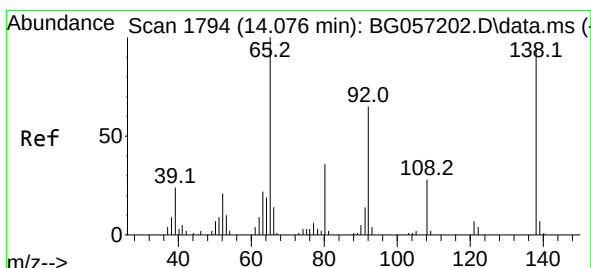
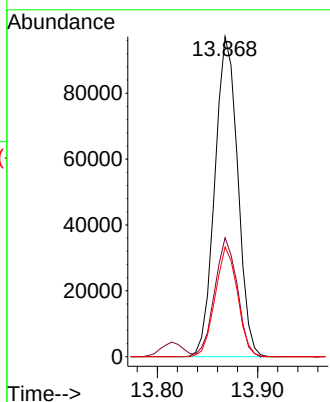
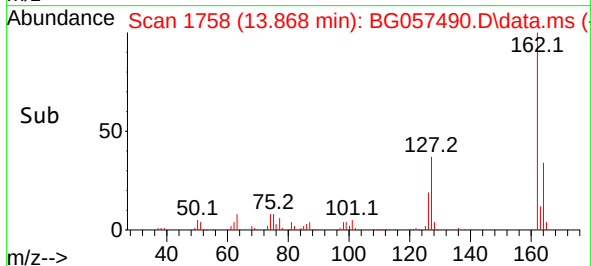


Tgt Ion:162 Resp: 153899
Ion Ratio Lower Upper
162 100
127 37.2 29.8 44.6
164 34.2 26.6 40.0

Manual Integrations

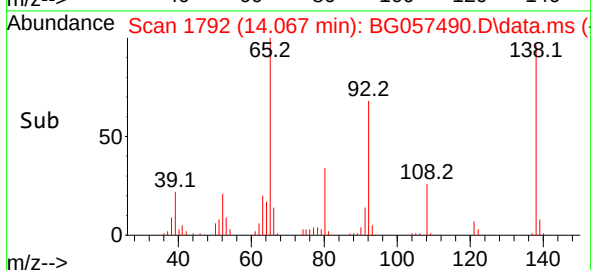
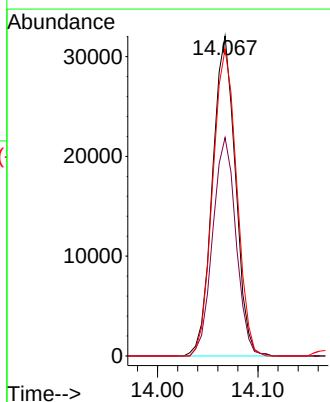
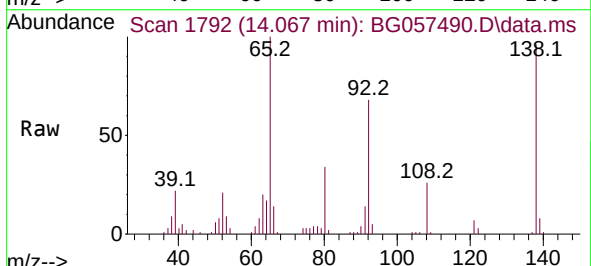
APPROVED

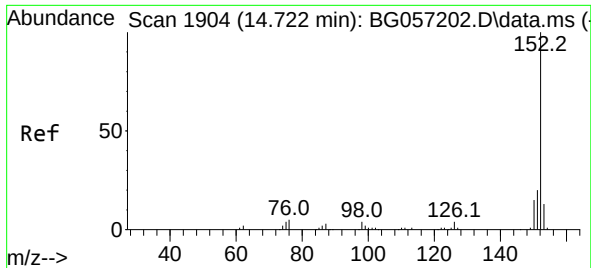
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023



#48
2-Nitroaniline
Concen: 39.810 ng
RT: 14.067 min Scan# 1792
Delta R.T. 0.007 min
Lab File: BG057490.D
Acq: 22 May 2023 12:26

Tgt Ion: 65 Resp: 50887
Ion Ratio Lower Upper
65 100
92 68.3 52.1 78.1
138 96.0 75.3 112.9





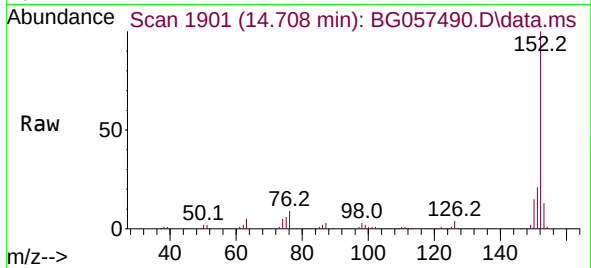
#49
Acenaphthylene
Concen: 40.416 ng
RT: 14.708 min Scan# 1901
Delta R.T. 0.007 min
Lab File: BG057490.D
Acq: 22 May 2023 12:26

Instrument :

BNA_G

ClientSampleId :

PB152920BS

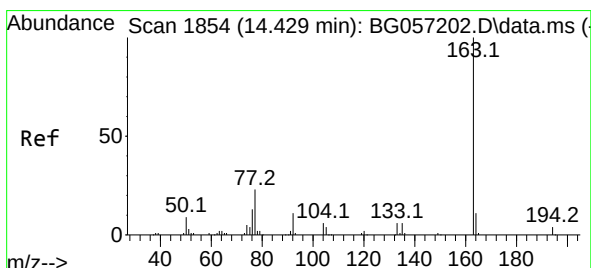
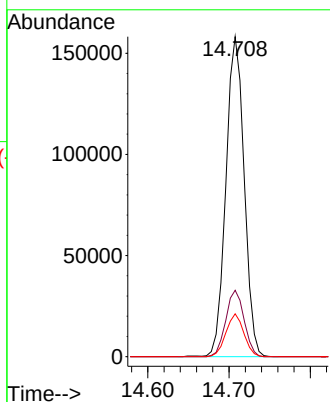
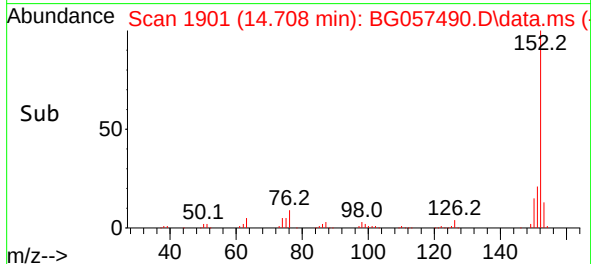


Tgt Ion:152 Resp: 24684
Ion Ratio Lower Upper
152 100
151 20.8 16.0 24.0
153 13.4 10.7 16.1

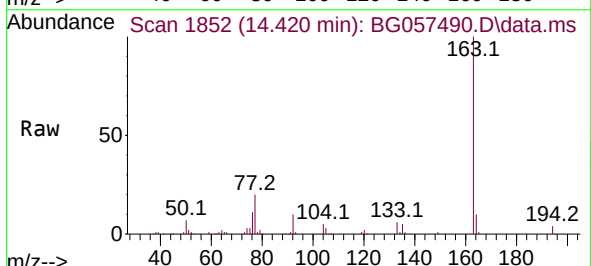
Manual Integrations

APPROVED

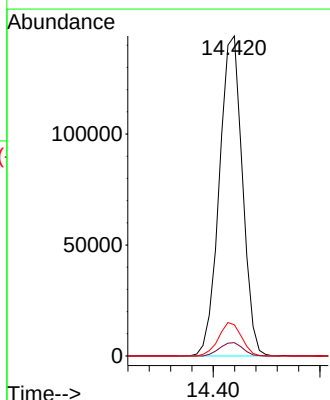
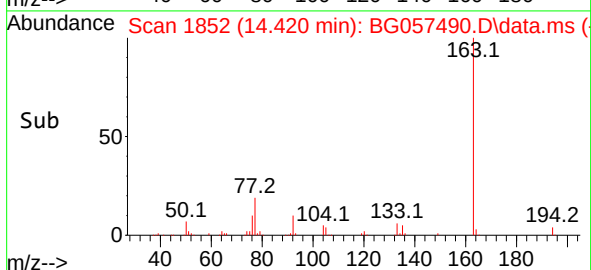
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023

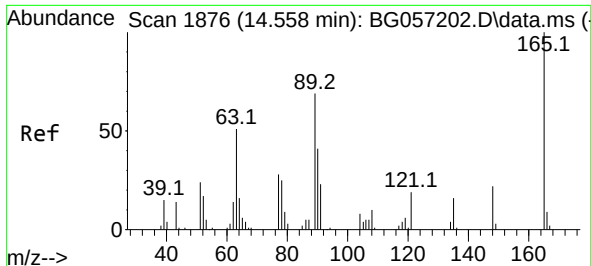


#50
Dimethylphthalate
Concen: 38.654 ng
RT: 14.420 min Scan# 1852
Delta R.T. 0.007 min
Lab File: BG057490.D
Acq: 22 May 2023 12:26



Tgt Ion:163 Resp: 216410
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.2
164 9.8 8.8 13.2





#51
2,6-Dinitrotoluene
Concen: 41.918 ng
RT: 14.549 min Scan# 1876
Delta R.T. 0.007 min
Lab File: BG057490.D
Acq: 22 May 2023 12:26

Instrument :

BNA_G

ClientSampleId :

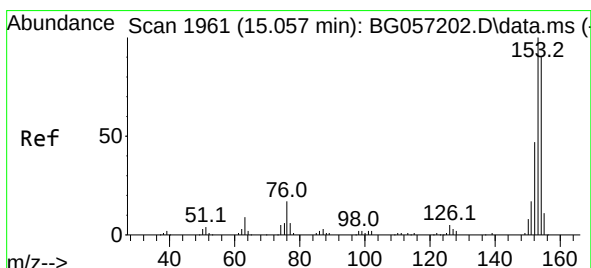
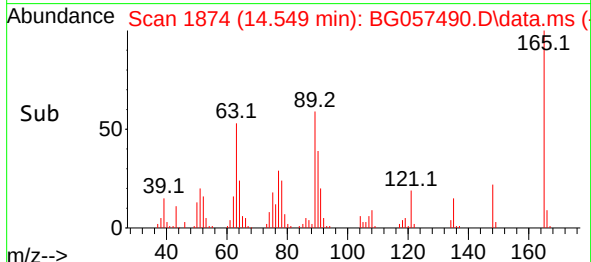
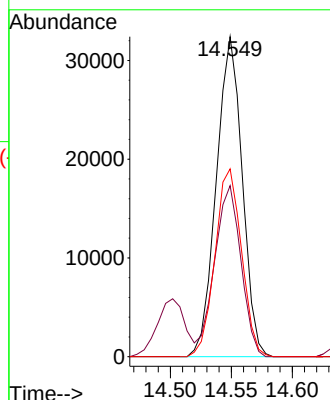
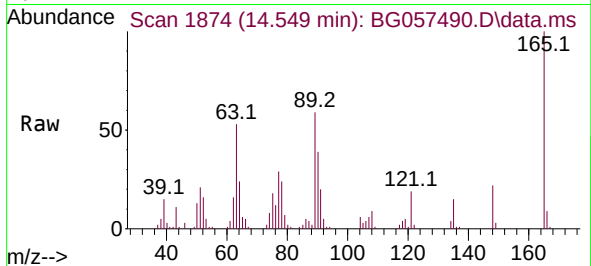
PB152920BS

Tgt Ion:165 Resp: 47910
Ion Ratio Lower Upper
165 100
63 53.5 50.9 76.3
89 58.7 55.2 82.8

Manual Integrations

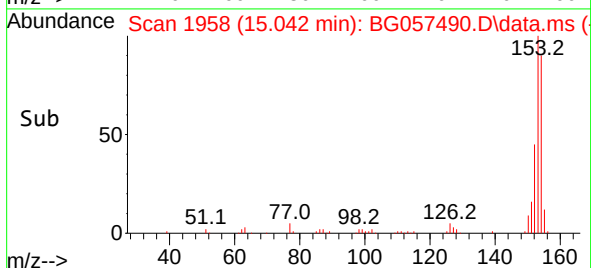
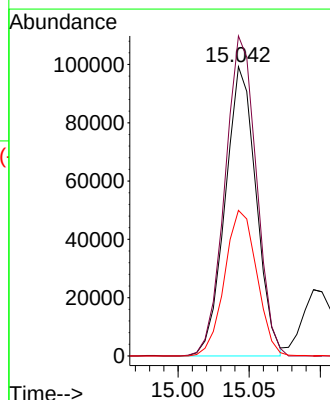
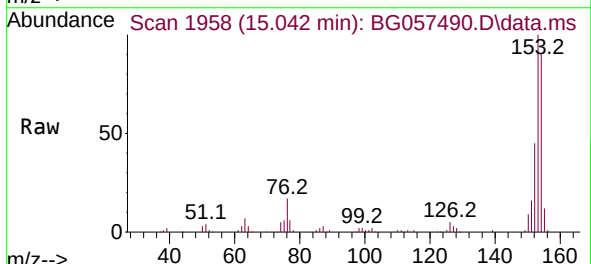
APPROVED

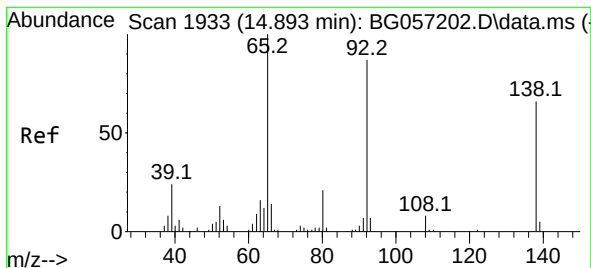
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023



#52
Acenaphthene
Concen: 39.434 ng
RT: 15.042 min Scan# 1958
Delta R.T. 0.007 min
Lab File: BG057490.D
Acq: 22 May 2023 12:26

Tgt Ion:154 Resp: 150500
Ion Ratio Lower Upper
154 100
153 110.6 89.3 133.9
152 50.3 41.7 62.5





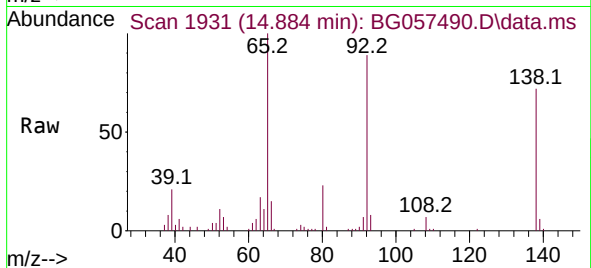
#53
3-Nitroaniline
Concen: 32.452 ng
RT: 14.884 min Scan# 1931
Delta R.T. 0.007 min
Lab File: BG057490.D
Acq: 22 May 2023 12:26

Instrument :

BNA_G

ClientSampleId :

PB152920BS

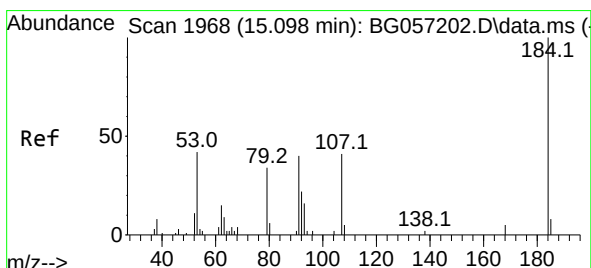
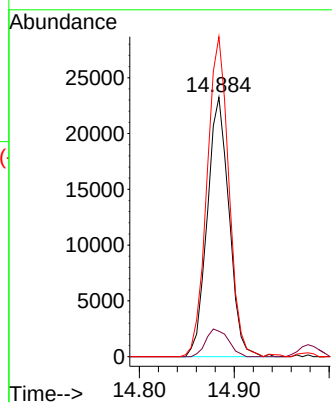
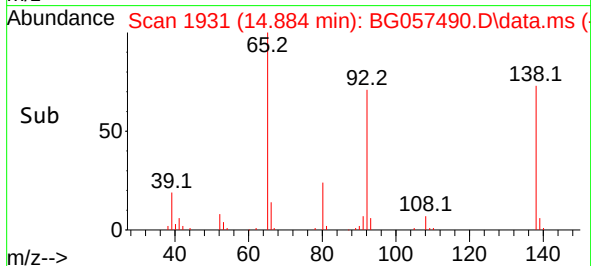


Tgt Ion:138 Resp: 3716
Ion Ratio Lower Upper
138 100
108 9.8 9.5 14.3
92 123.4 106.2 159.4

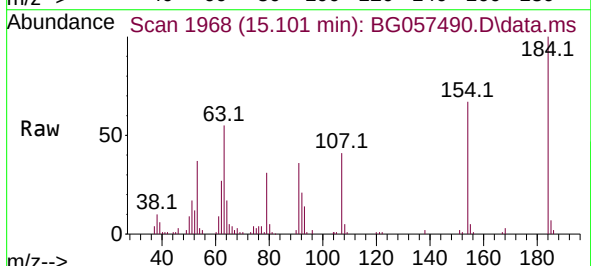
Manual Integrations

APPROVED

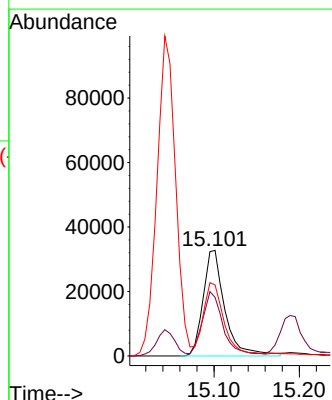
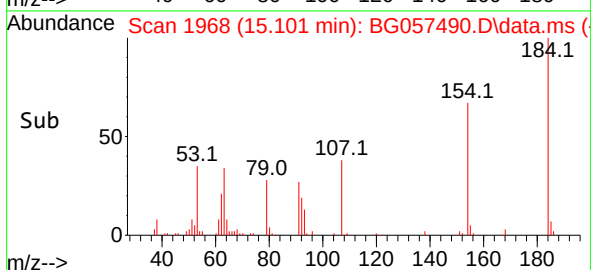
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023

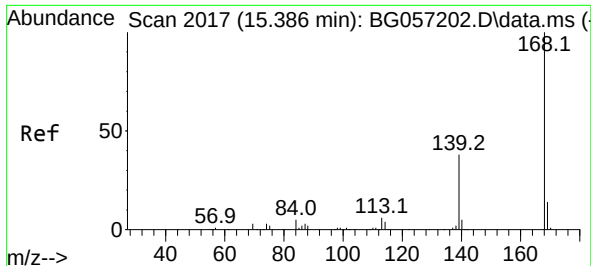


#54
2,4-Dinitrophenol
Concen: 82.007 ng
RT: 15.101 min Scan# 1968
Delta R.T. 0.013 min
Lab File: BG057490.D
Acq: 22 May 2023 12:26



Tgt Ion:184 Resp: 58146
Ion Ratio Lower Upper
184 100
63 55.5 48.2 72.4
154 67.3 55.4 83.2





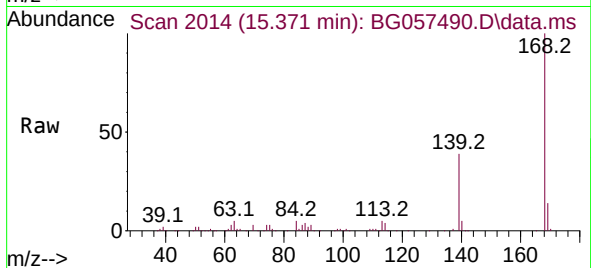
#55
Dibenzenofuran
Concen: 40.101 ng
RT: 15.371 min Scan# 2017
Delta R.T. 0.002 min
Lab File: BG057490.D
Acq: 22 May 2023 12:26

Instrument :

BNA_G

ClientSampleId :

PB152920BS

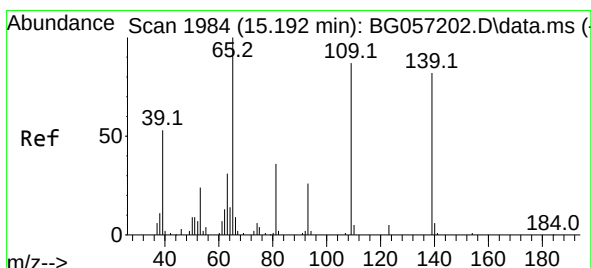
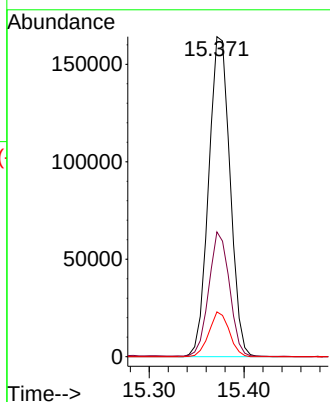
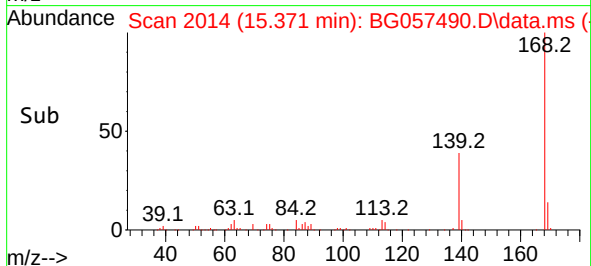


Tgt Ion:168 Resp: 25714
Ion Ratio Lower Upper
168 100
139 39.0 30.7 46.1
169 14.0 10.9 16.3

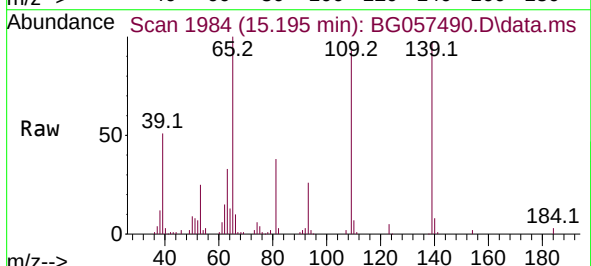
Manual Integrations

APPROVED

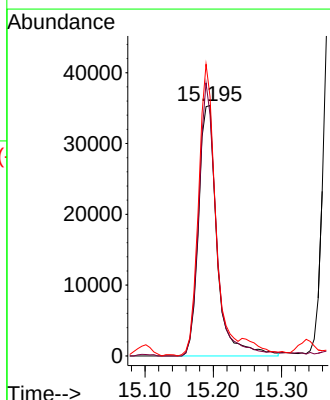
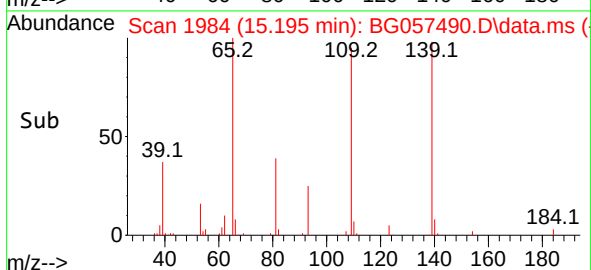
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023

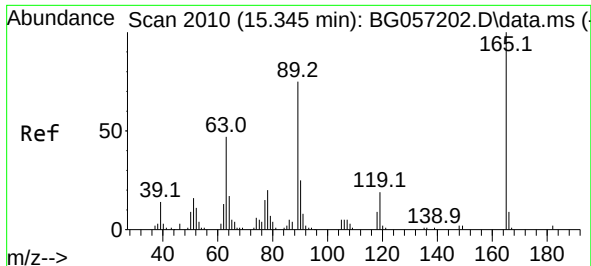


#56
4-Nitrophenol
Concen: 87.649 ng
RT: 15.195 min Scan# 1984
Delta R.T. 0.013 min
Lab File: BG057490.D
Acq: 22 May 2023 12:26



Tgt Ion:139 Resp: 66758
Ion Ratio Lower Upper
139 100
109 96.3 86.6 126.6
65 103.6 102.6 142.6





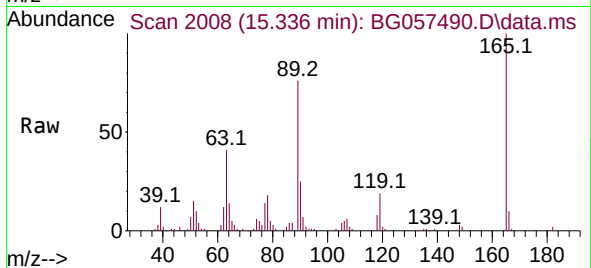
#57
2,4-Dinitrotoluene
Concen: 42.092 ng
RT: 15.336 min Scan# 2010
Delta R.T. 0.007 min
Lab File: BG057490.D
Acq: 22 May 2023 12:26

Instrument :

BNA_G

ClientSampleId :

PB152920BS

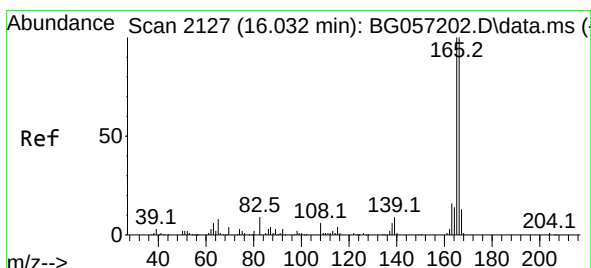
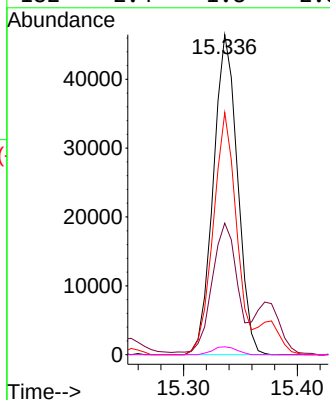
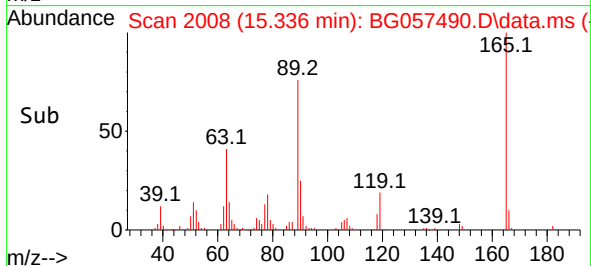


Tgt Ion:165 Resp: 68764
Ion Ratio Lower Upper
165 100
63 41.1 37.5 56.3
89 75.6 60.2 90.4
182 2.4 1.8 2.8

Manual Integrations

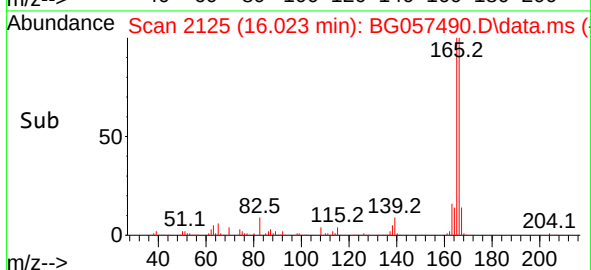
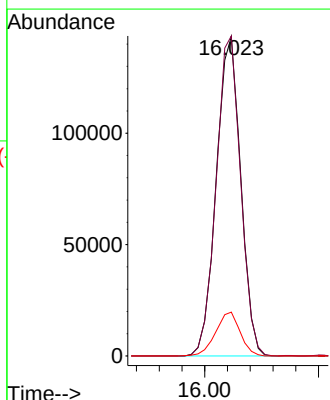
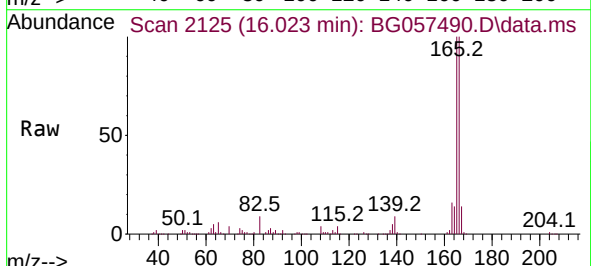
APPROVED

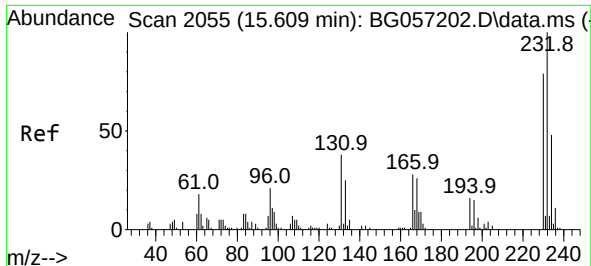
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023



#58
Fluorene
Concen: 40.490 ng
RT: 16.023 min Scan# 2125
Delta R.T. 0.007 min
Lab File: BG057490.D
Acq: 22 May 2023 12:26

Tgt Ion:166 Resp: 213863
Ion Ratio Lower Upper
166 100
165 100.2 80.1 120.1
167 13.8 10.2 15.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.709 ng
RT: 15.600 min Scan# 2055
Delta R.T. 0.007 min
Lab File: BG057490.D
Acq: 22 May 2023 12:26

Instrument :

BNA_G

ClientSampleId :

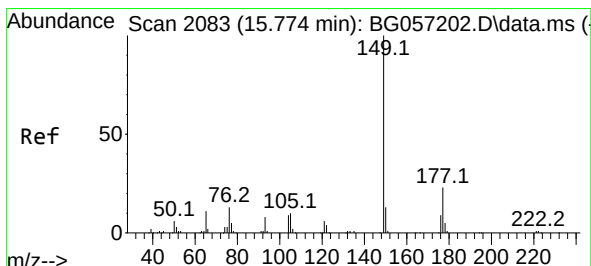
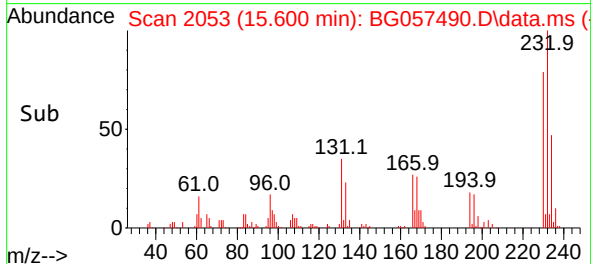
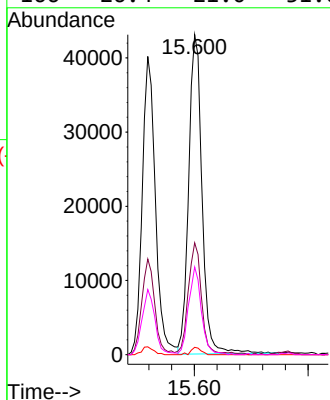
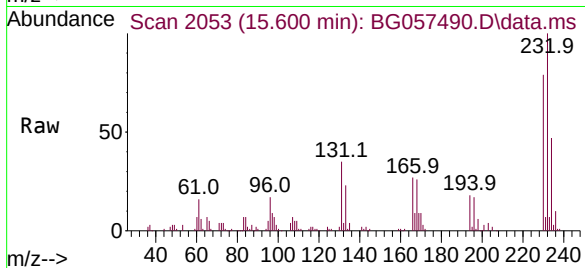
PB152920BS

Tgt Ion:232 Resp: 70258
Ion Ratio Lower Upper
232 100
131 33.0 28.6 42.8
130 1.8 1.6 2.4
166 26.4 21.0 31.6

Manual Integrations

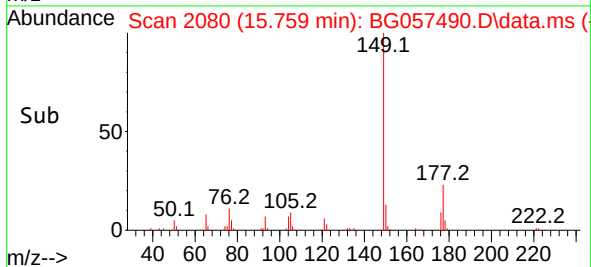
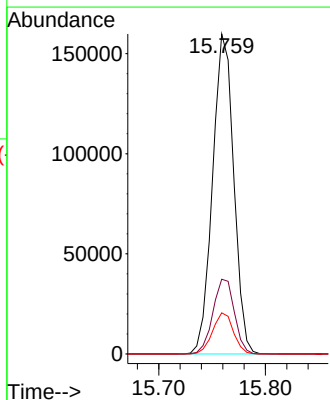
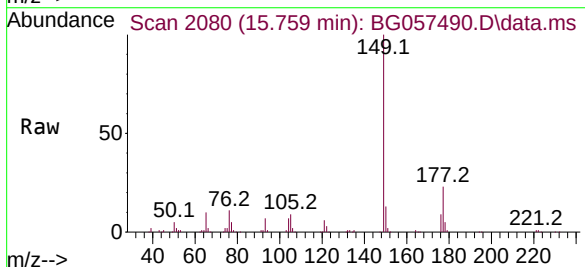
APPROVED

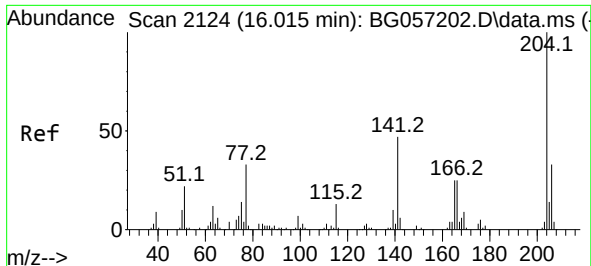
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023



#60
Diethylphthalate
Concen: 38.661 ng
RT: 15.759 min Scan# 2080
Delta R.T. 0.007 min
Lab File: BG057490.D
Acq: 22 May 2023 12:26

Tgt Ion:149 Resp: 219810
Ion Ratio Lower Upper
149 100
177 23.4 18.3 27.5
150 12.9 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 39.762 ng
RT: 16.000 min Scan# 2124
Delta R.T. 0.007 min
Lab File: BG057490.D
Acq: 22 May 2023 12:26

Instrument :

BNA_G

ClientSampleId :

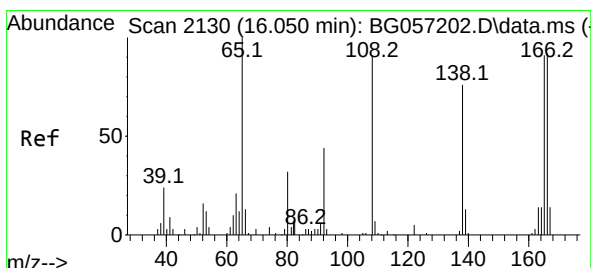
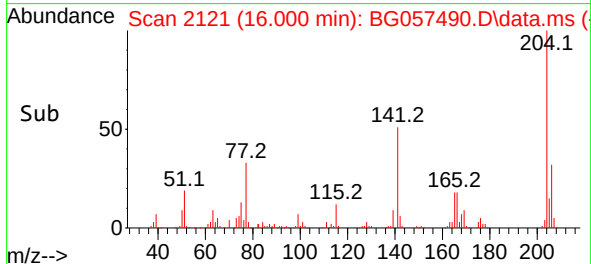
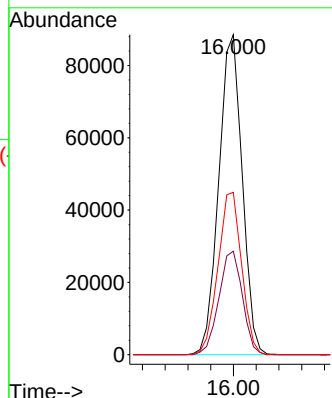
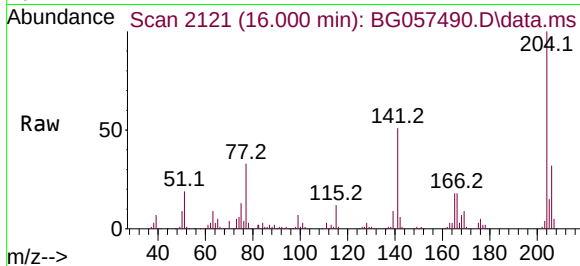
PB152920BS

Tgt Ion:204 Resp: 12652
Ion Ratio Lower Upper
204 100
206 32.3 26.5 39.7
141 50.8 37.4 56.0

Manual Integrations

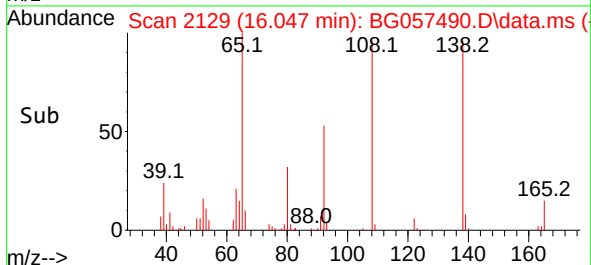
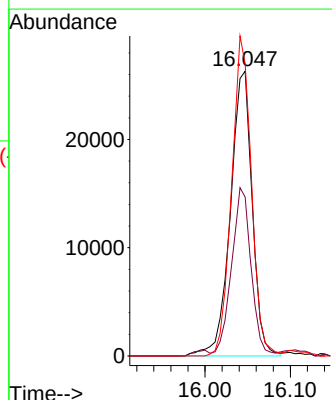
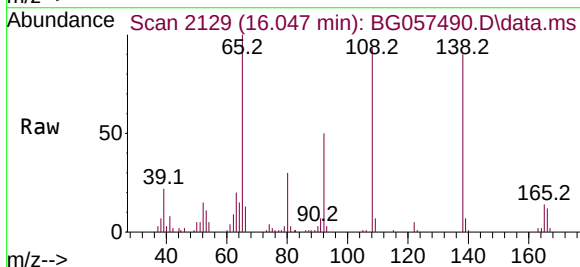
APPROVED

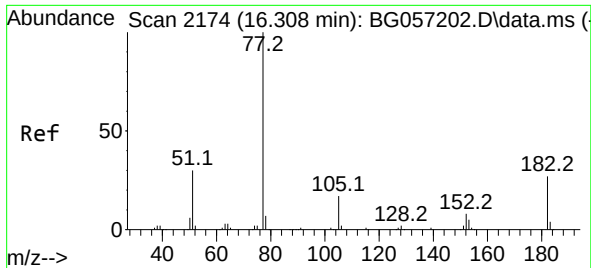
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023



#62
4-Nitroaniline
Concen: 40.356 ng
RT: 16.047 min Scan# 2129
Delta R.T. 0.013 min
Lab File: BG057490.D
Acq: 22 May 2023 12:26

Tgt Ion:138 Resp: 46622
Ion Ratio Lower Upper
138 100
92 55.8 38.2 78.2
108 102.6 99.6 139.6





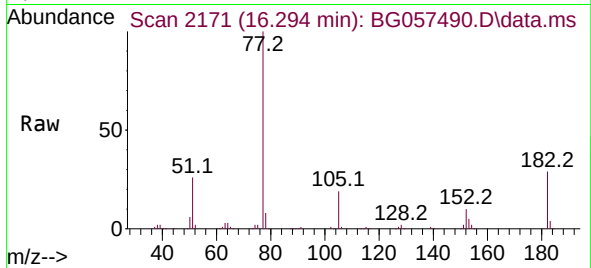
#63
Azobenzene
Concen: 36.640 ng
RT: 16.294 min Scan# 2171
Delta R.T. 0.007 min
Lab File: BG057490.D
Acq: 22 May 2023 12:26

Instrument :

BNA_G

ClientSampleId :

PB152920BS

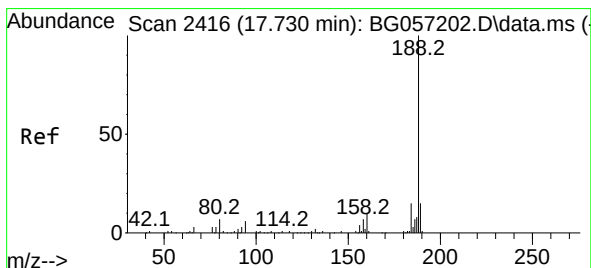
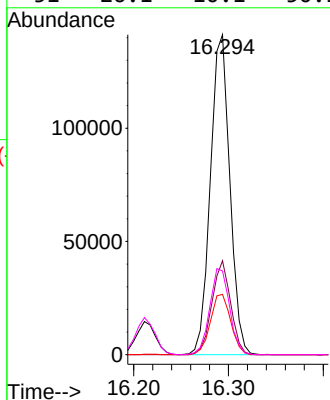
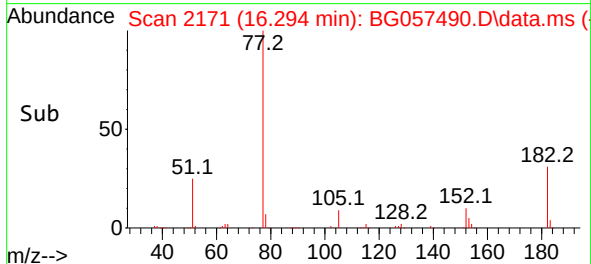


Tgt Ion: 77 Resp: 200999
Ion Ratio Lower Upper
77 100
182 29.4 7.4 47.4
105 18.9 0.0 37.2
51 26.1 10.1 50.1

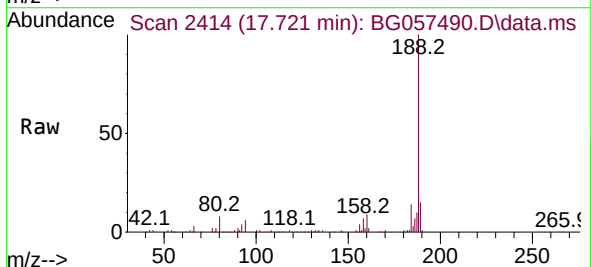
Manual Integrations

APPROVED

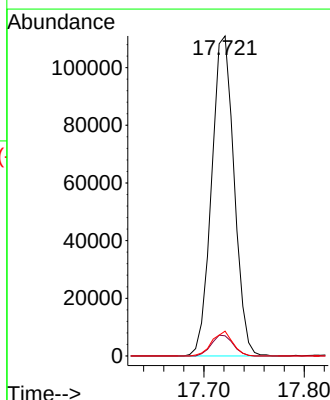
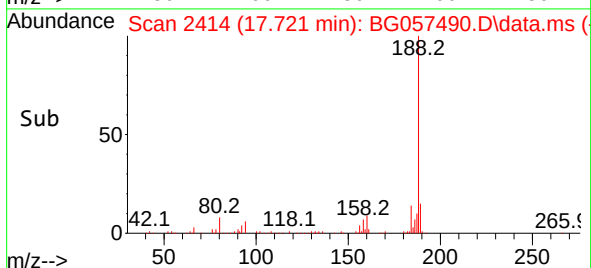
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023

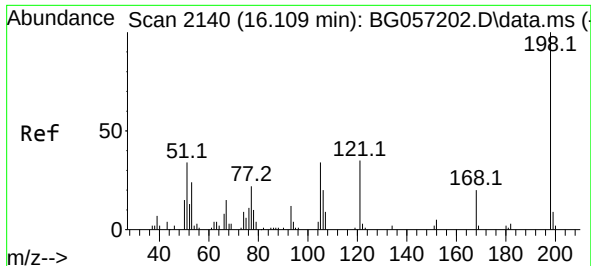


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.721 min Scan# 2414
Delta R.T. 0.007 min
Lab File: BG057490.D
Acq: 22 May 2023 12:26



Tgt Ion:188 Resp: 172885
Ion Ratio Lower Upper
188 100
94 6.3 5.1 7.7
80 7.8 5.7 8.5





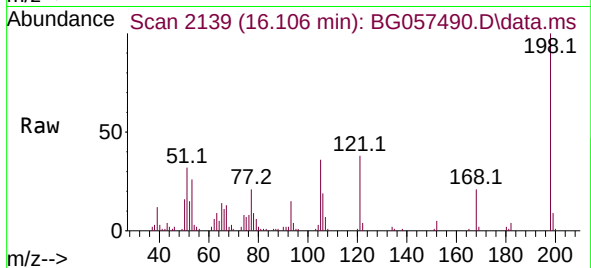
#65
4,6-Dinitro-2-methylphenol
Concen: 44.934 ng
RT: 16.106 min Scan# 2139
Delta R.T. 0.013 min
Lab File: BG057490.D
Acq: 22 May 2023 12:26

Instrument :

BNA_G

ClientSampleId :

PB152920BS

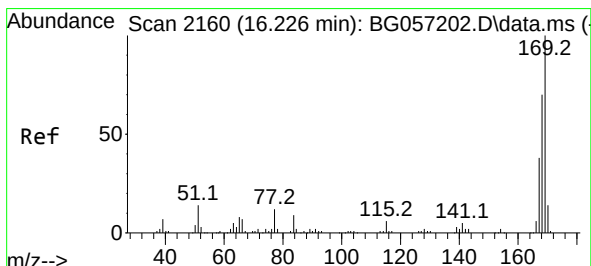
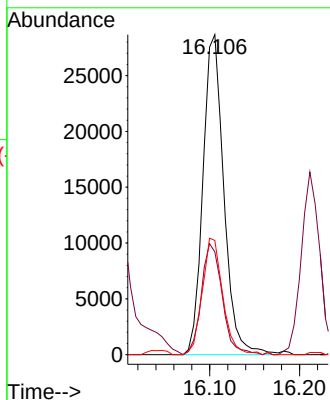
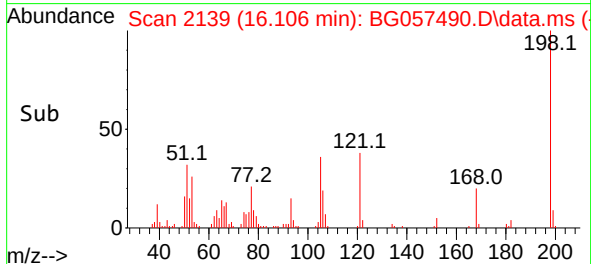


Tgt Ion:198 Resp: 46380
Ion Ratio Lower Upper
198 100
51 32.1 16.1 56.1
105 35.7 14.0 54.0

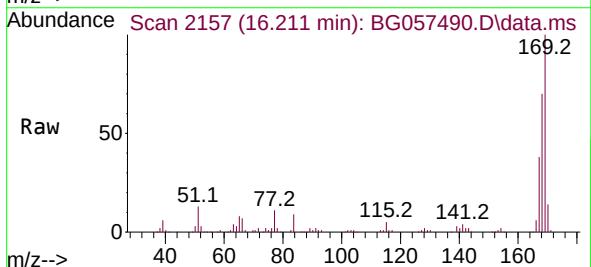
Manual Integrations

APPROVED

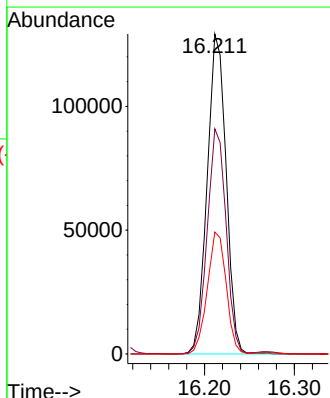
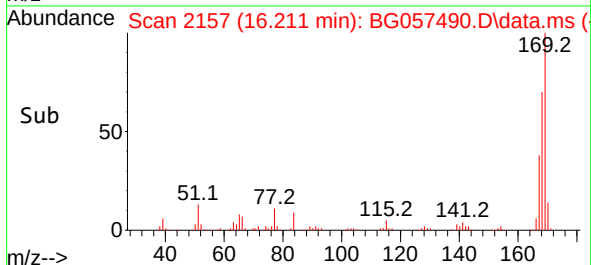
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023

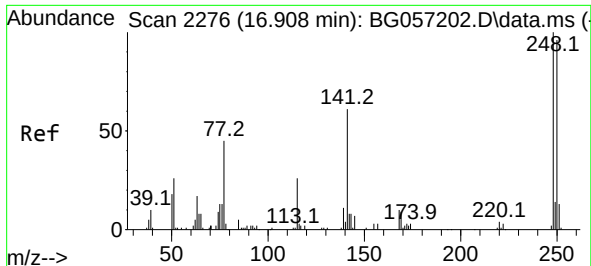


#66
n-Nitrosodiphenylamine
Concen: 40.283 ng
RT: 16.211 min Scan# 2157
Delta R.T. 0.002 min
Lab File: BG057490.D
Acq: 22 May 2023 12:26



Tgt Ion:169 Resp: 189153
Ion Ratio Lower Upper
169 100
168 70.3 56.2 84.4
167 38.1 30.2 45.4





#67
4-Bromophenyl-phenylether
Concen: 40.152 ng
RT: 16.893 min Scan# 21
Delta R.T. 0.007 min
Lab File: BG057490.D
Acq: 22 May 2023 12:26

Instrument :

BNA_G

ClientSampleId :

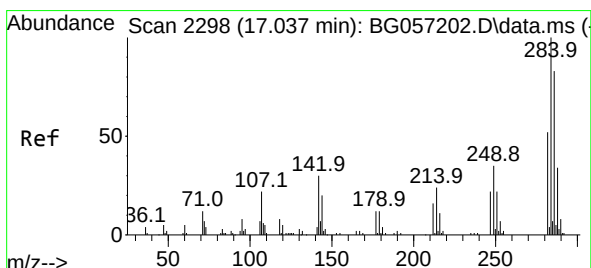
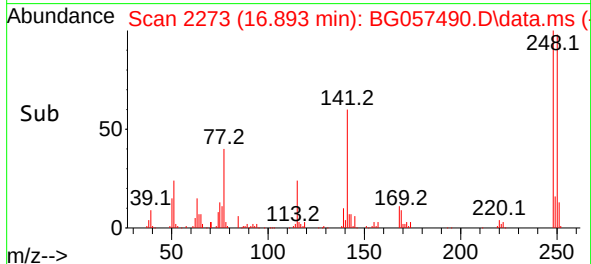
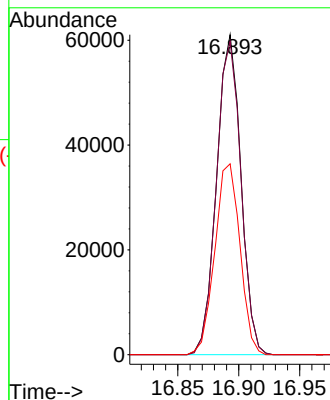
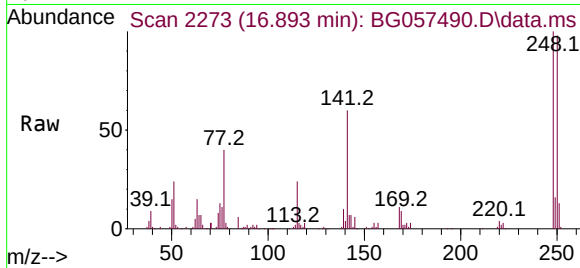
PB152920BS

Tgt Ion:248 Resp: 84740
Ion Ratio Lower Upper
248 100
250 97.8 77.0 115.6
141 59.7 48.6 72.8

Manual Integrations

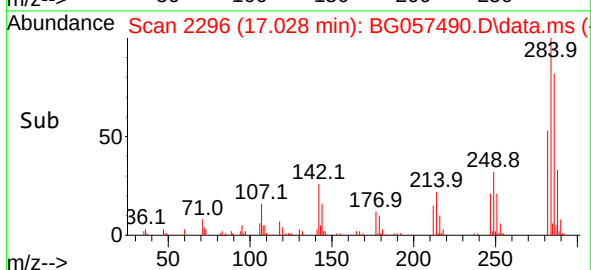
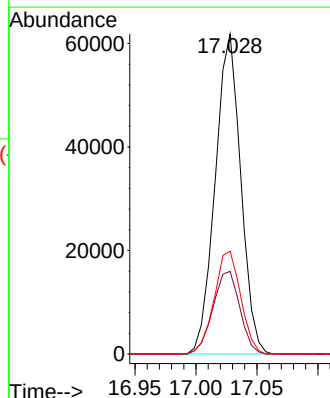
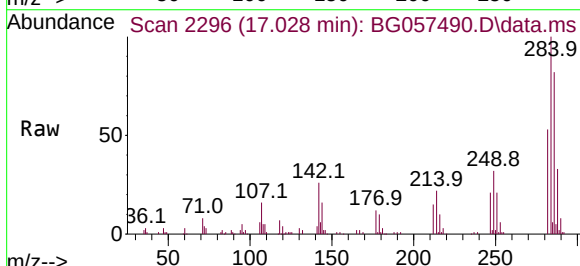
APPROVED

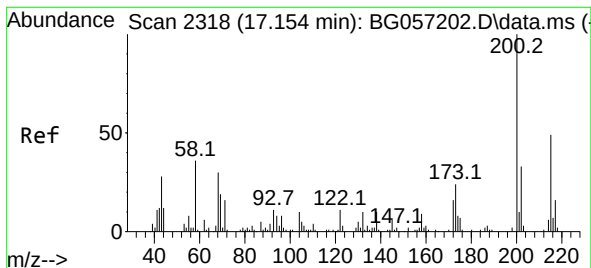
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023



#68
Hexachlorobenzene
Concen: 43.902 ng
RT: 17.028 min Scan# 2296
Delta R.T. 0.007 min
Lab File: BG057490.D
Acq: 22 May 2023 12:26

Tgt Ion:284 Resp: 90040
Ion Ratio Lower Upper
284 100
142 25.8 23.9 35.9
249 32.1 27.7 41.5





#69

Atrazine

Concen: 46.943 ng

RT: 17.145 min Scan# 21

Delta R.T. 0.007 min

Lab File: BG057490.D

Acq: 22 May 2023 12:26

Instrument :

BNA_G

ClientSampleId :

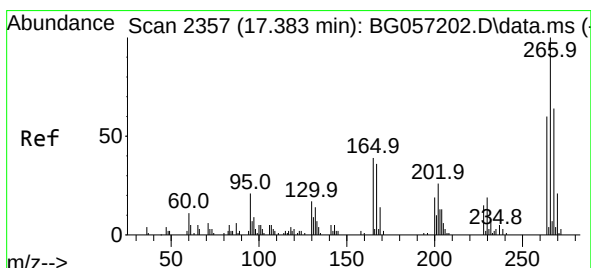
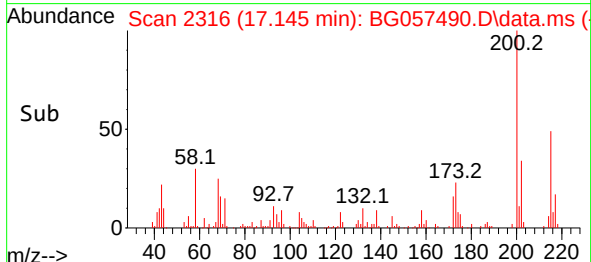
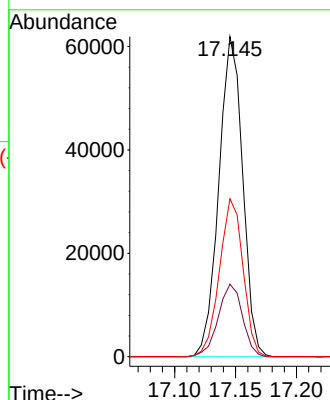
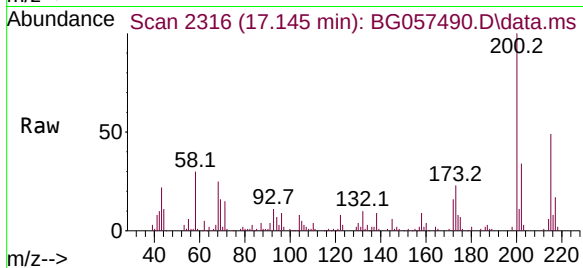
PB152920BS

Tgt Ion	Ratio	Lower	Upper
200	100		
173	22.7	4.3	44.3
215	49.3	29.3	69.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023



#70

Pentachlorophenol

Concen: 95.824 ng

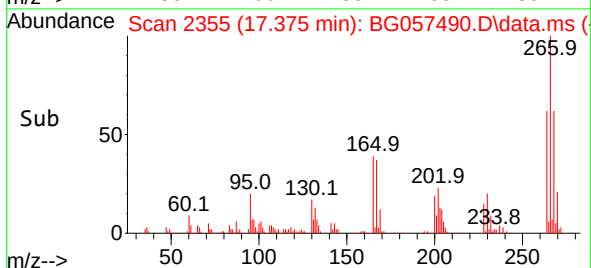
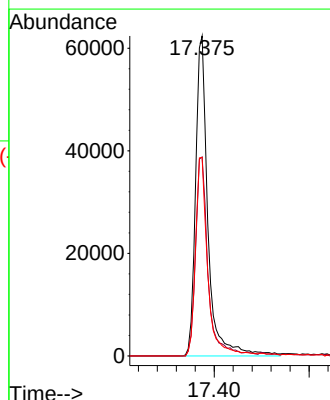
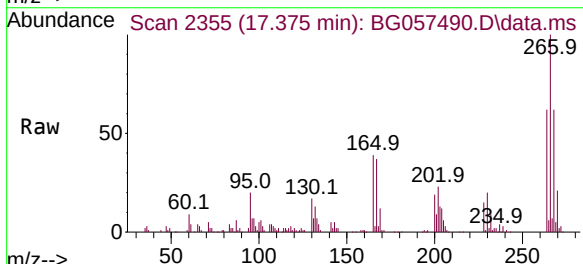
RT: 17.375 min Scan# 2355

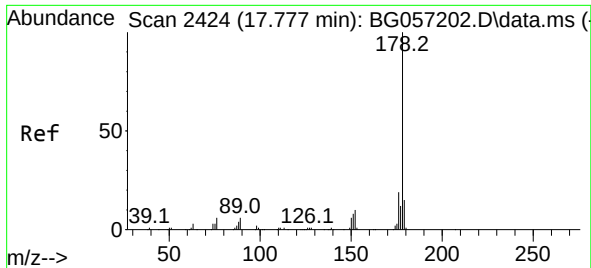
Delta R.T. 0.007 min

Lab File: BG057490.D

Acq: 22 May 2023 12:26

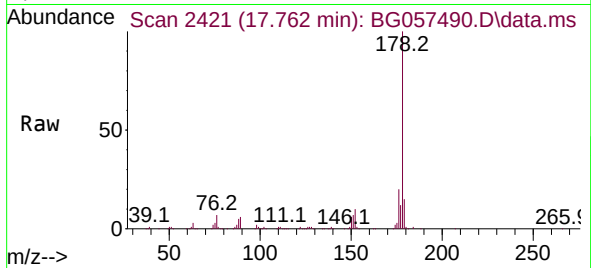
Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.2	51.0	76.6
264	62.0	47.8	71.6





#71
Phenanthrene
Concen: 40.500 ng
RT: 17.762 min Scan# 2424
Delta R.T. 0.007 min
Lab File: BG057490.D
Acq: 22 May 2023 12:26

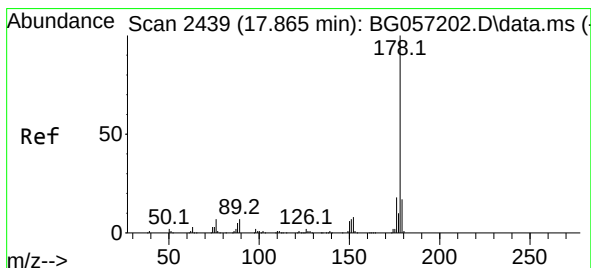
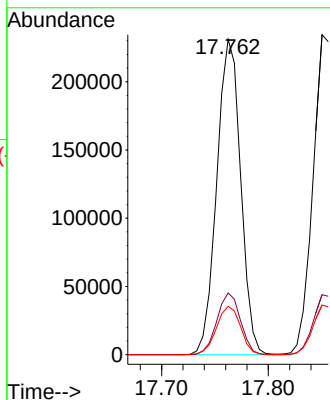
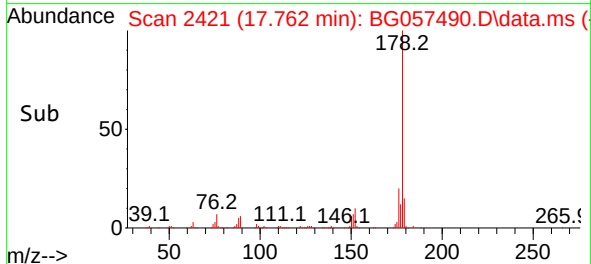
Instrument :
BNA_G
ClientSampleId :
PB152920BS



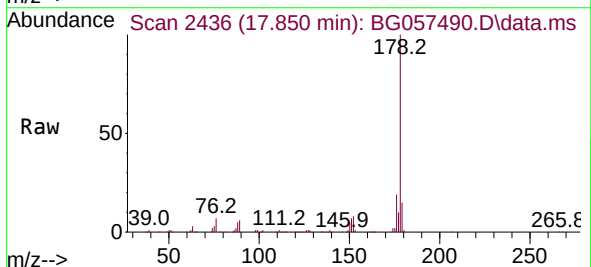
Tgt Ion:178 Resp: 358790
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.2
179 15.4 12.3 18.5

Manual Integrations
APPROVED

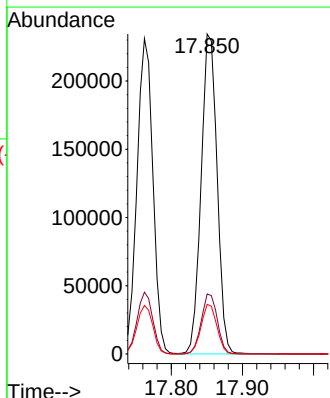
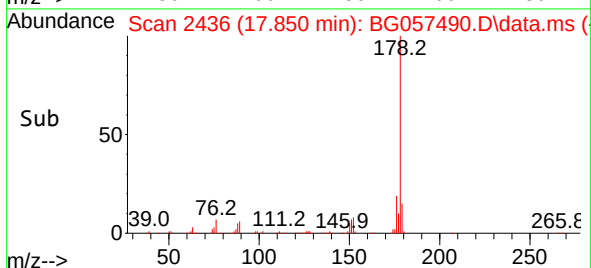
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023

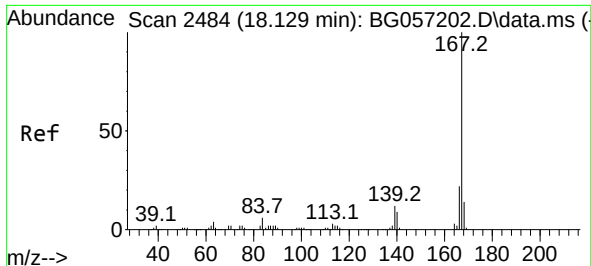


#72
Anthracene
Concen: 40.430 ng
RT: 17.850 min Scan# 2436
Delta R.T. 0.002 min
Lab File: BG057490.D
Acq: 22 May 2023 12:26



Tgt Ion:178 Resp: 367514
Ion Ratio Lower Upper
178 100
176 18.8 14.7 22.1
179 15.5 13.2 19.8





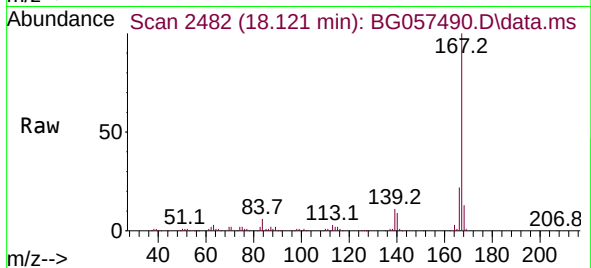
#73
 Carbazole
 Concen: 41.646 ng
 RT: 18.121 min Scan# 2482
 Delta R.T. 0.007 min
 Lab File: BG057490.D
 Acq: 22 May 2023 12:26

Instrument :

BNA_G

ClientSampleId :

PB152920BS

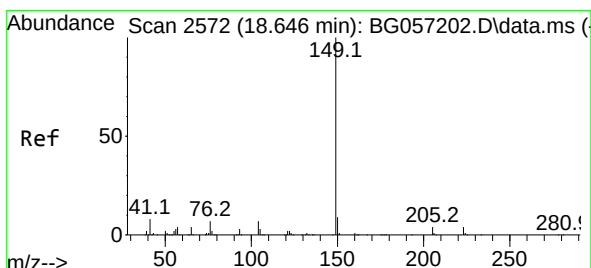
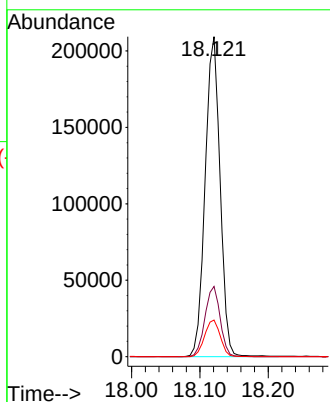
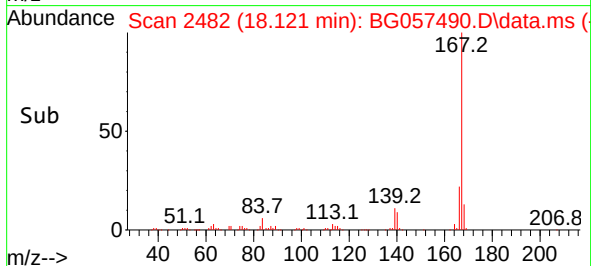


Tgt Ion:167 Resp: 318698
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.0
 139 11.5 9.6 14.4

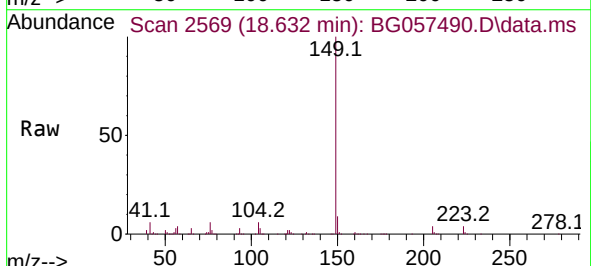
Manual Integrations

APPROVED

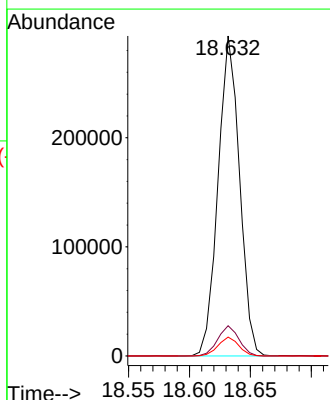
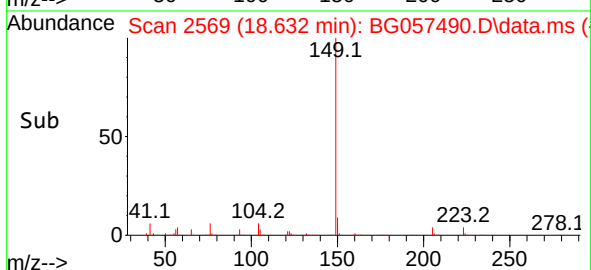
Reviewed By :Christian Giraldo 05/23/2023
 Supervised By :Jagrut Upadhyay 05/23/2023

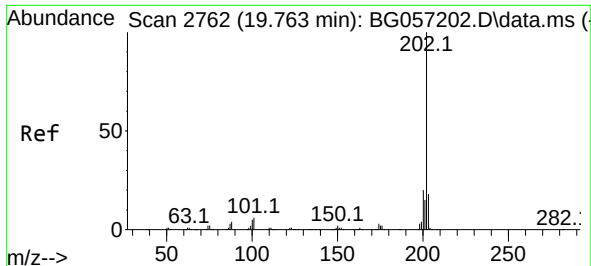


#74
 Di-n-butylphthalate
 Concen: 40.911 ng
 RT: 18.632 min Scan# 2569
 Delta R.T. 0.002 min
 Lab File: BG057490.D
 Acq: 22 May 2023 12:26



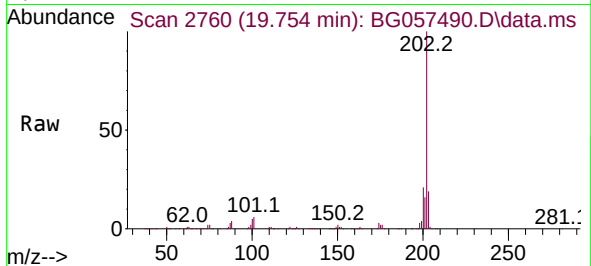
Tgt Ion:149 Resp: 360212
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.3 10.9
 104 5.9 5.4 8.2





#75
Fluoranthene
Concen: 38.865 ng
RT: 19.754 min Scan# 21
Delta R.T. 0.007 min
Lab File: BG057490.D
Acq: 22 May 2023 12:26

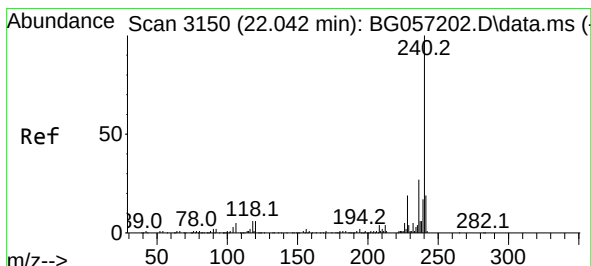
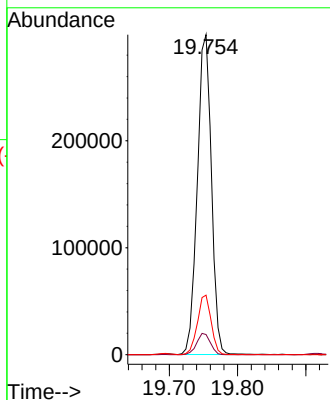
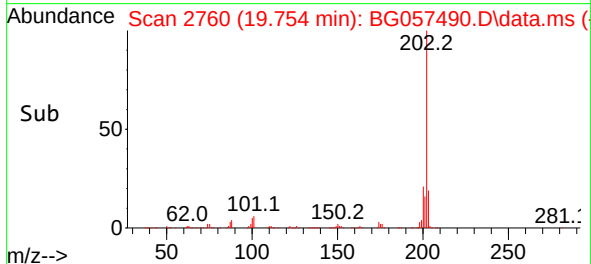
Instrument :
BNA_G
ClientSampleId :
PB152920BS



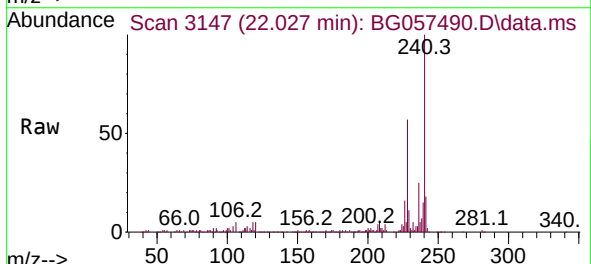
Tgt Ion:202 Resp: 428219
Ion Ratio Lower Upper
202 100
101 6.3 0.0 26.2
203 18.6 0.0 37.9

Manual Integrations
APPROVED

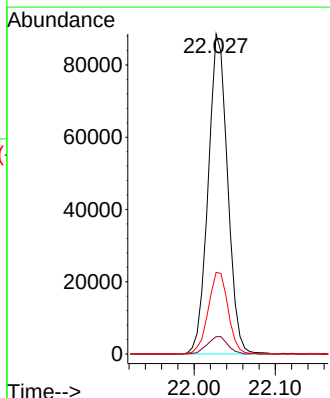
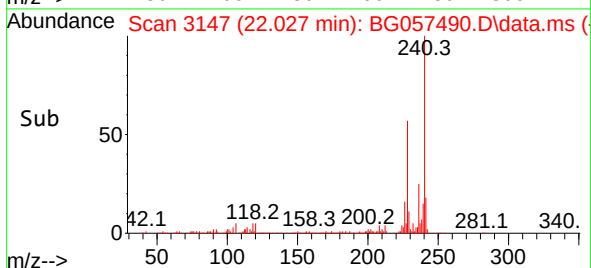
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023

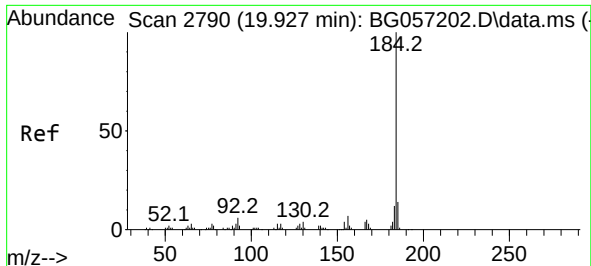


#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.027 min Scan# 3147
Delta R.T. 0.007 min
Lab File: BG057490.D
Acq: 22 May 2023 12:26



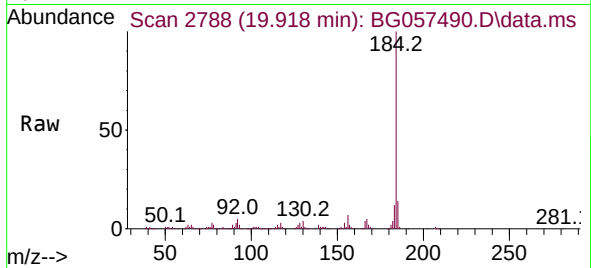
Tgt Ion:240 Resp: 146724
Ion Ratio Lower Upper
240 100
120 5.4 4.9 7.3
236 25.5 21.4 32.2





#77
Benzidine
Concen: 74.519 ng
RT: 19.918 min Scan# 21
Delta R.T. 0.007 min
Lab File: BG057490.D
Acq: 22 May 2023 12:26

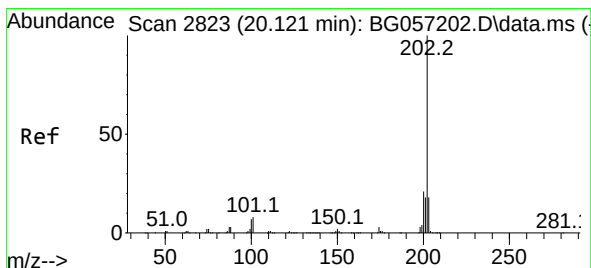
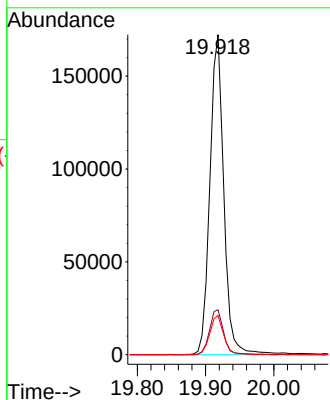
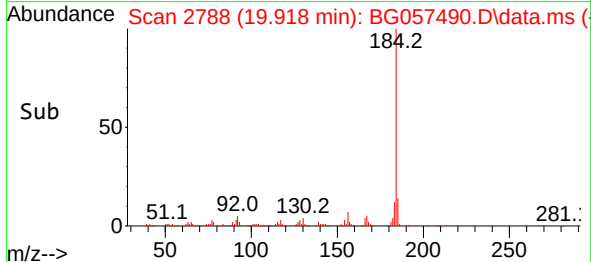
Instrument :
BNA_G
ClientSampleId :
PB152920BS



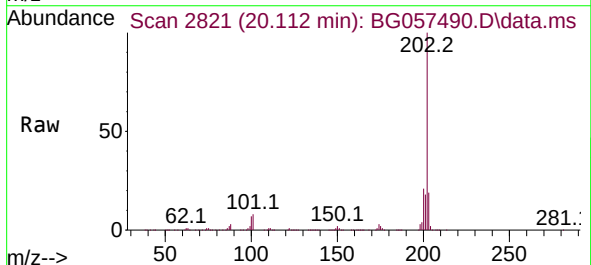
Tgt Ion:184 Resp: 244439
Ion Ratio Lower Upper
184 100
185 14.1 11.1 16.7
183 12.2 9.9 14.9

Manual Integrations
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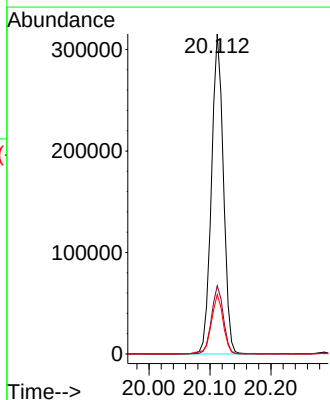
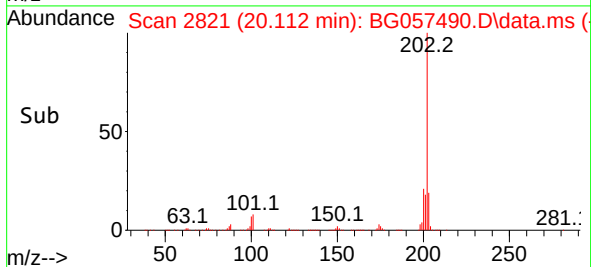
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023

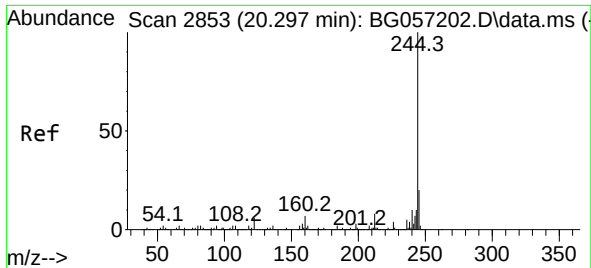


#78
Pyrene
Concen: 40.233 ng
RT: 20.112 min Scan# 2821
Delta R.T. 0.007 min
Lab File: BG057490.D
Acq: 22 May 2023 12:26



Tgt Ion:202 Resp: 428963
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.4
203 18.5 14.2 21.4





#79
 Terphenyl-d14
 Concen: 64.120 ng
 RT: 20.288 min Scan# 21
 Delta R.T. 0.007 min
 Lab File: BG057490.D
 Acq: 22 May 2023 12:26

Instrument :

BNA_G

ClientSampleId :

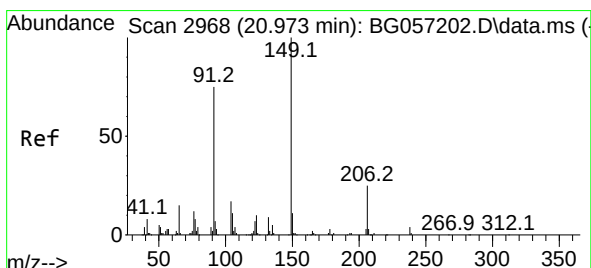
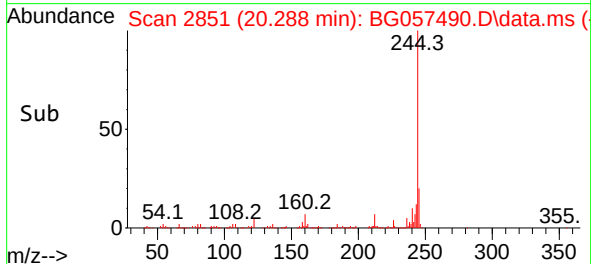
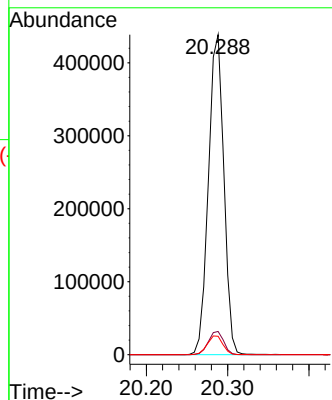
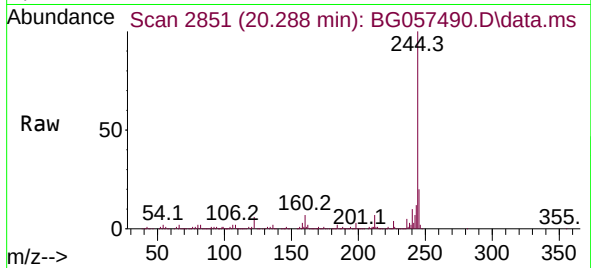
PB152920BS

Tgt Ion:244 Resp: 57649
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 5.7 5.1 7.7

Manual Integrations

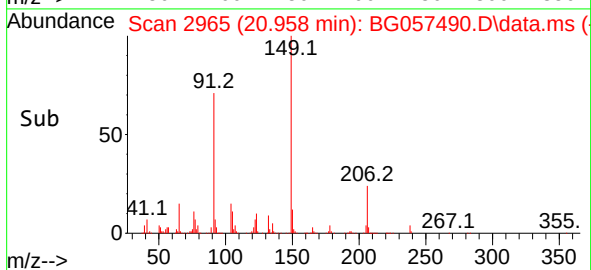
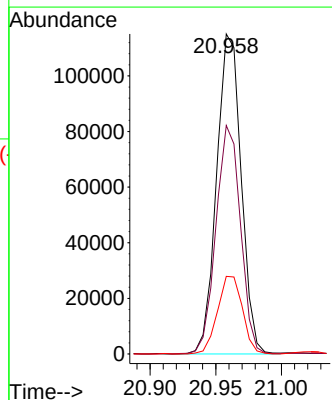
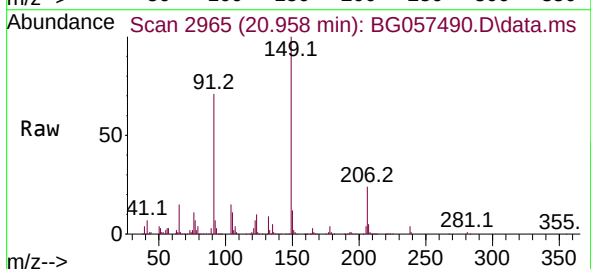
APPROVED

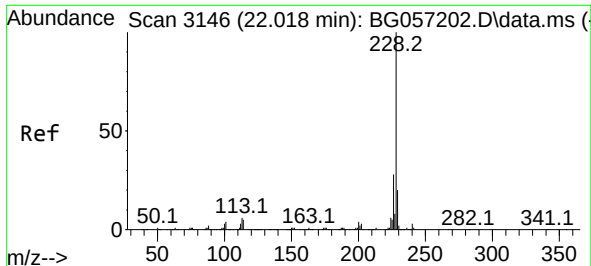
Reviewed By :Christian Giraldo 05/23/2023
 Supervised By :Jagrut Upadhyay 05/23/2023



#80
 Butylbenzylphthalate
 Concen: 44.291 ng
 RT: 20.958 min Scan# 2965
 Delta R.T. 0.002 min
 Lab File: BG057490.D
 Acq: 22 May 2023 12:26

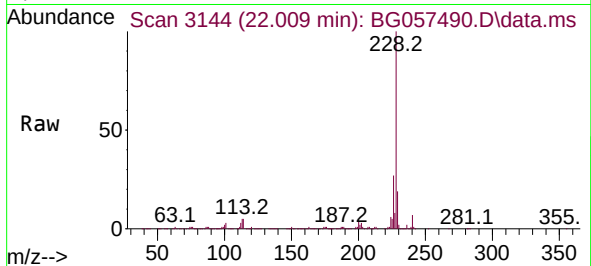
Tgt Ion:149 Resp: 149833
 Ion Ratio Lower Upper
 149 100
 91 71.4 59.7 89.5
 206 24.3 19.7 29.5





#81
Benzo(a)anthracene
Concen: 39.696 ng
RT: 22.009 min Scan# 3146
Delta R.T. 0.013 min
Lab File: BG057490.D
Acq: 22 May 2023 12:26

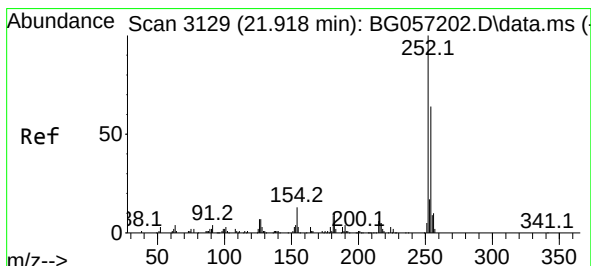
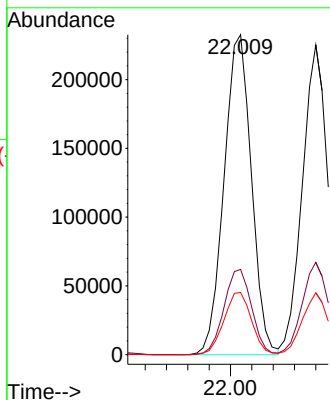
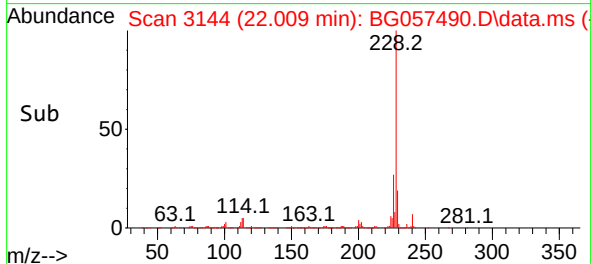
Instrument :
BNA_G
ClientSampleId :
PB152920BS



Tgt Ion:228 Resp: 41496
Ion Ratio Lower Upper
228 100
226 26.6 22.0 33.0
229 19.4 15.8 23.8

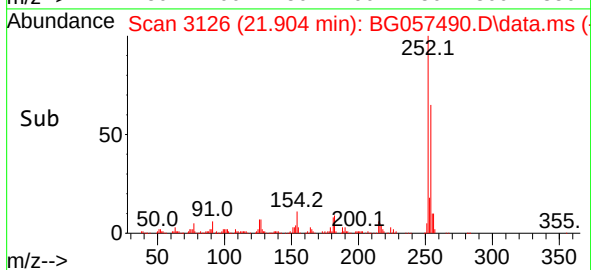
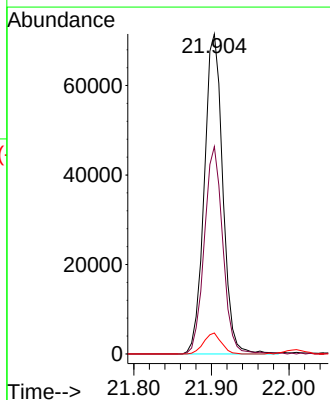
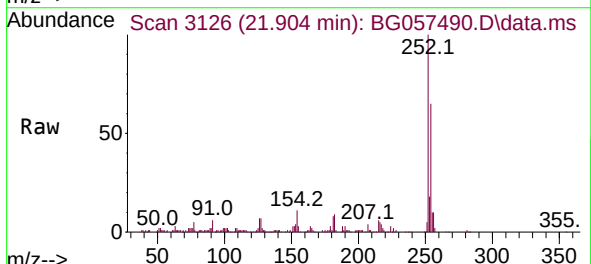
Manual Integrations
APPROVED

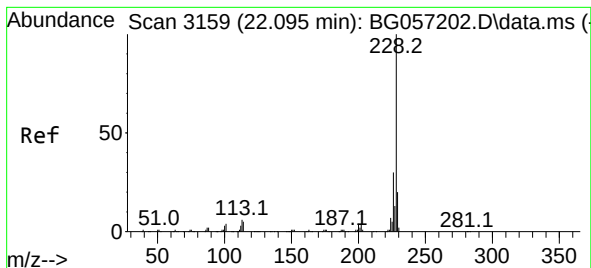
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023



#82
3,3'-Dichlorobenzidine
Concen: 35.477 ng
RT: 21.904 min Scan# 3126
Delta R.T. 0.007 min
Lab File: BG057490.D
Acq: 22 May 2023 12:26

Tgt Ion:252 Resp: 118789
Ion Ratio Lower Upper
252 100
254 64.8 51.4 77.0
126 6.5 5.9 8.9





#83

Chrysene

Concen: 38.275 ng

RT: 22.080 min Scan# 3117

Delta R.T. 0.007 min

Lab File: BG057490.D

Acq: 22 May 2023 12:26

Instrument :

BNA_G

ClientSampleId :

PB152920BS

Tgt Ion:228 Resp: 37646

Ion Ratio Lower Upper

228 100

226 29.8 24.3 36.5

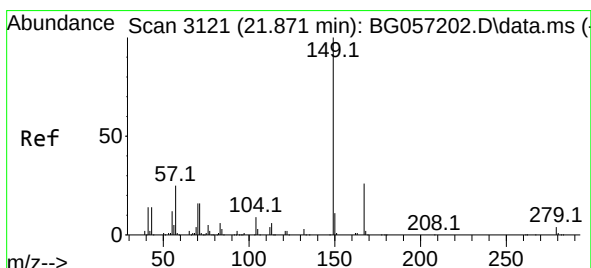
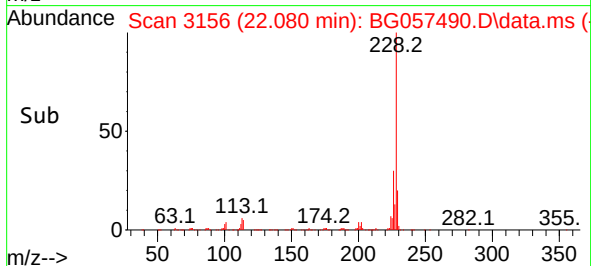
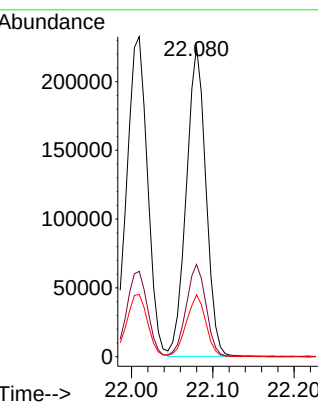
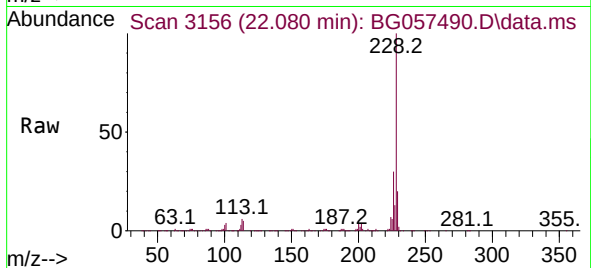
229 20.0 15.9 23.9

Manual Integrations

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Reviewed By :Christian Giraldo 05/23/2023

Supervised By :Jagrut Upadhyay 05/23/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.383 ng

RT: 21.851 min Scan# 3117

Delta R.T. 0.007 min

Lab File: BG057490.D

Acq: 22 May 2023 12:26

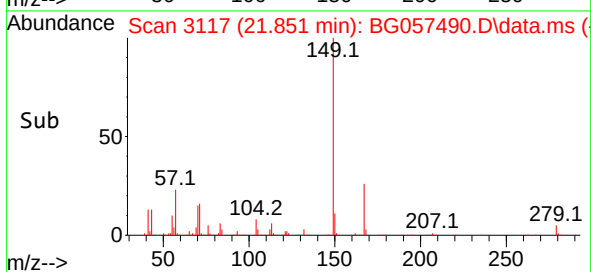
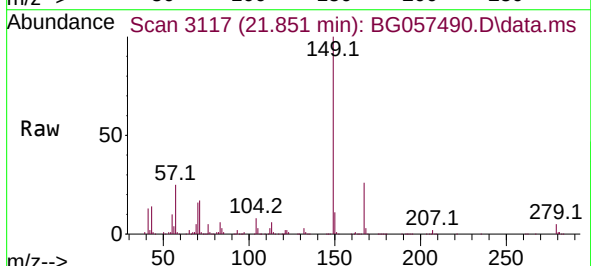
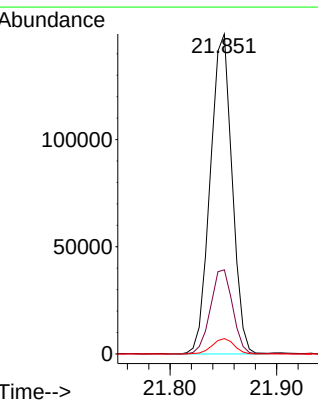
Tgt Ion:149 Resp: 212137

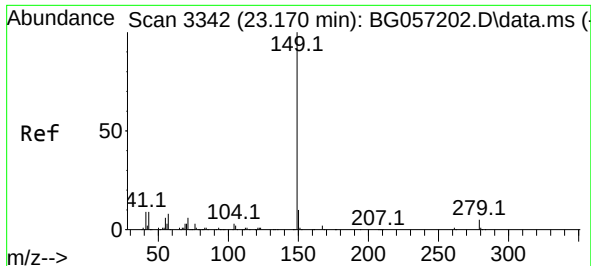
Ion Ratio Lower Upper

149 100

167 26.3 21.2 31.8

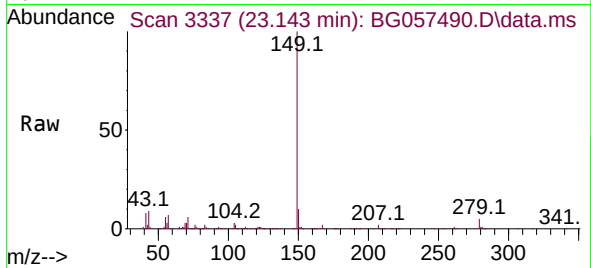
279 4.8 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 42.961 ng
RT: 23.143 min Scan# 31
Delta R.T. 0.007 min
Lab File: BG057490.D
Acq: 22 May 2023 12:26

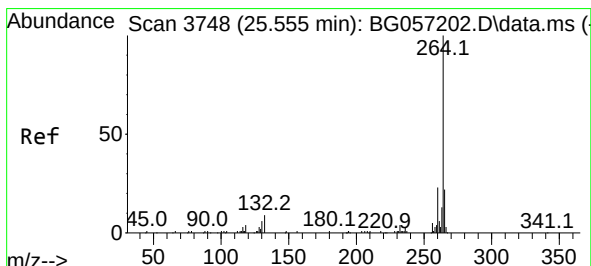
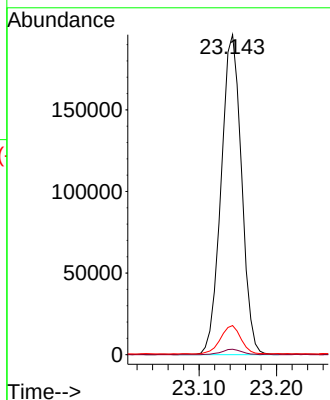
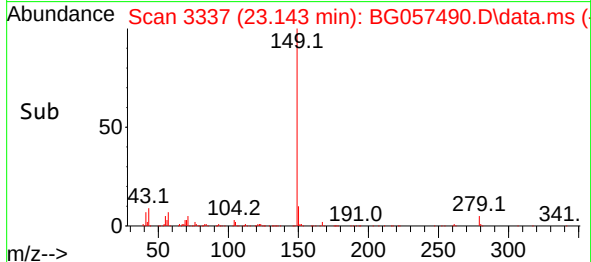
Instrument :
BNA_G
ClientSampleId :
PB152920BS



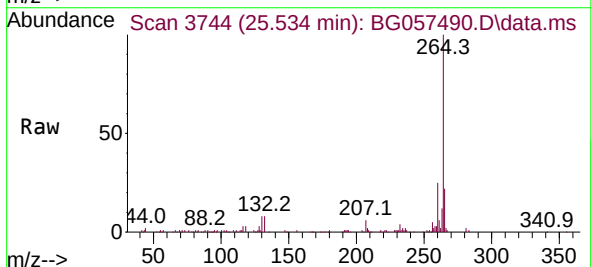
Tgt Ion:149 Resp: 35848
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.8 7.8 11.8

Manual Integrations
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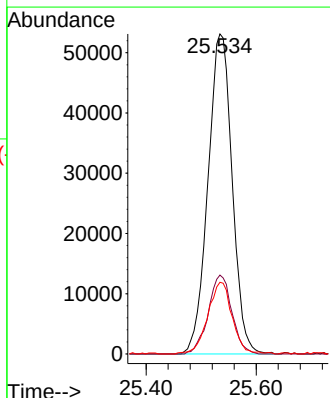
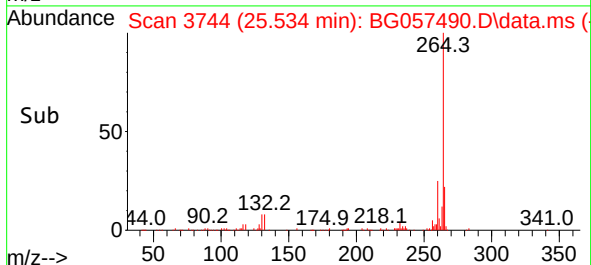
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023

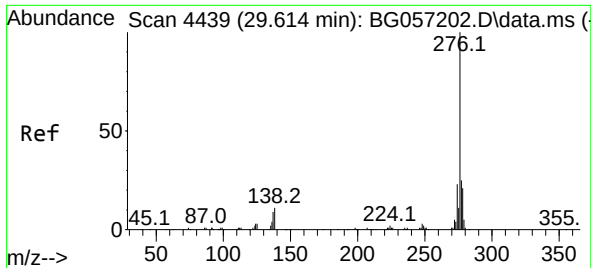


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.534 min Scan# 3744
Delta R.T. 0.019 min
Lab File: BG057490.D
Acq: 22 May 2023 12:26



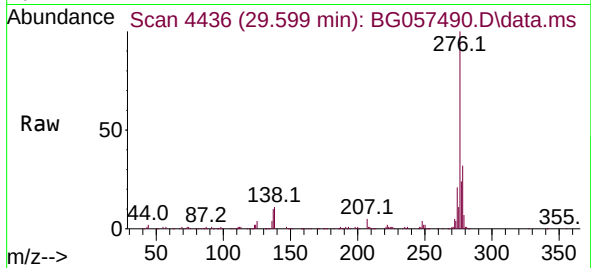
Tgt Ion:264 Resp: 162198
Ion Ratio Lower Upper
264 100
260 24.6 18.8 28.2
265 22.4 17.9 26.9





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.344 ng
 RT: 29.599 min Scan# 4439
 Delta R.T. 0.037 min
 Lab File: BG057490.D
 Acq: 22 May 2023 12:26

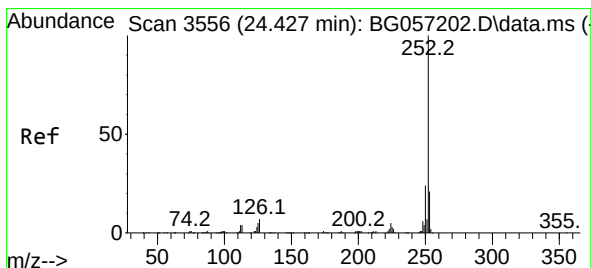
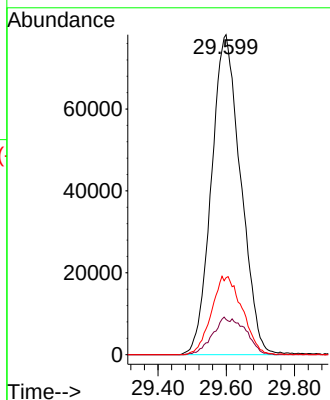
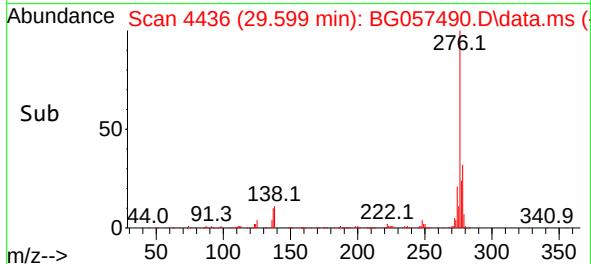
Instrument :
 BNA_G
 ClientSampleId :
 PB152920BS



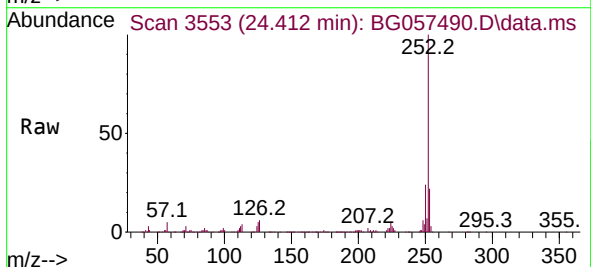
Tgt Ion:276 Resp: 46508
 Ion Ratio Lower Upper
 276 100
 138 7.0 5.4 8.0
 277 25.8 20.6 30.8

Manual Integrations
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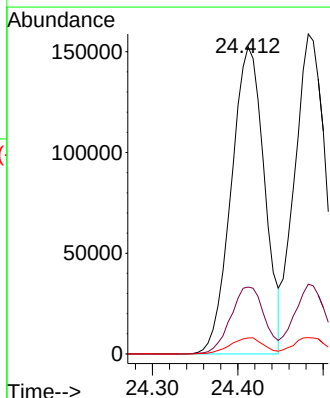
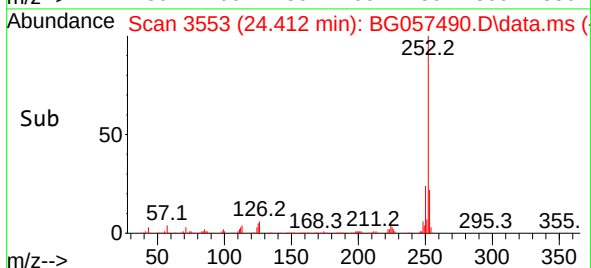
Reviewed By :Christian Giraldo 05/23/2023
 Supervised By :Jagrut Upadhyay 05/23/2023

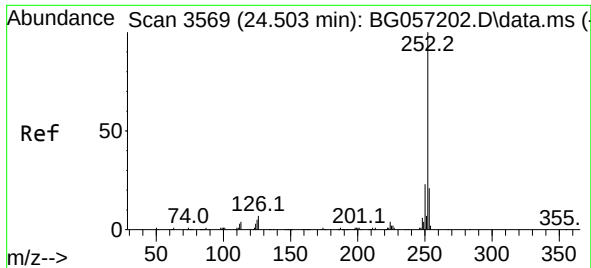


#88
 Benzo(b)fluoranthene
 Concen: 38.864 ng
 RT: 24.412 min Scan# 3553
 Delta R.T. 0.019 min
 Lab File: BG057490.D
 Acq: 22 May 2023 12:26



Tgt Ion:252 Resp: 412064
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.0 25.6
 125 5.2 4.2 6.2





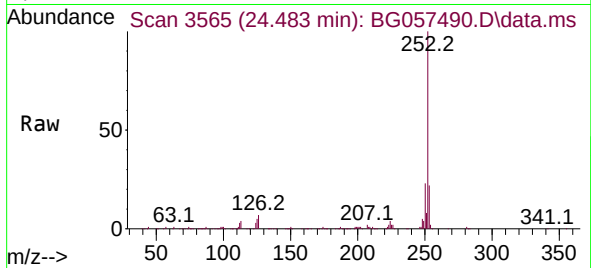
#89
Benzo(k)fluoranthene
Concen: 37.387 ng
RT: 24.483 min Scan# 30
Delta R.T. 0.013 min
Lab File: BG057490.D
Acq: 22 May 2023 12:26

Instrument :

BNA_G

ClientSampleId :

PB152920BS

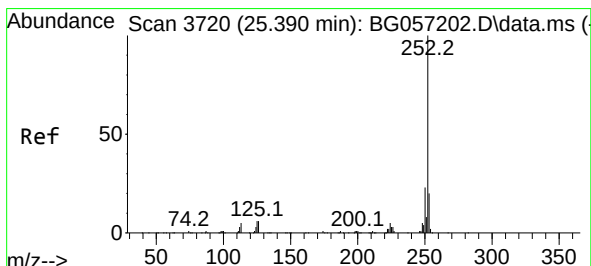
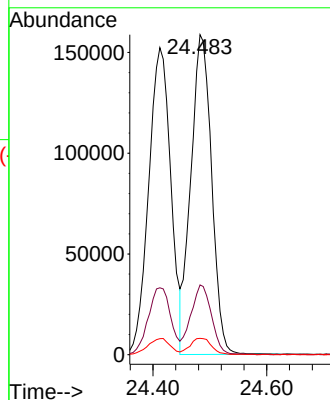
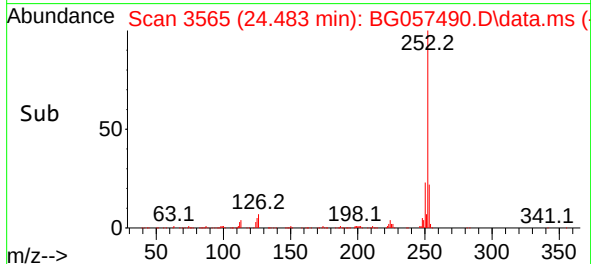


Tgt Ion:252 Resp: 402819
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 5.1 4.1 6.1

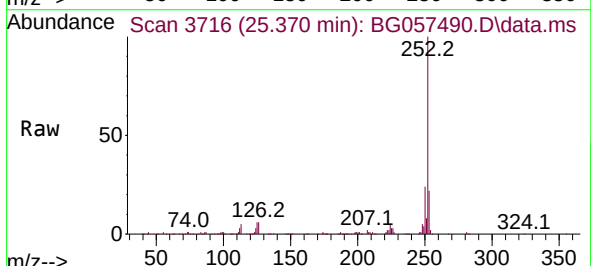
Manual Integrations

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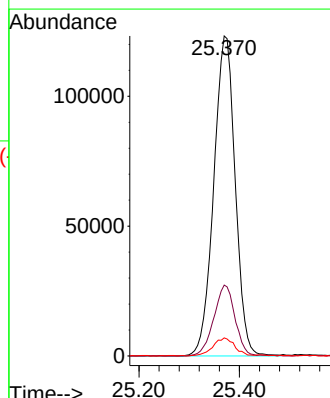
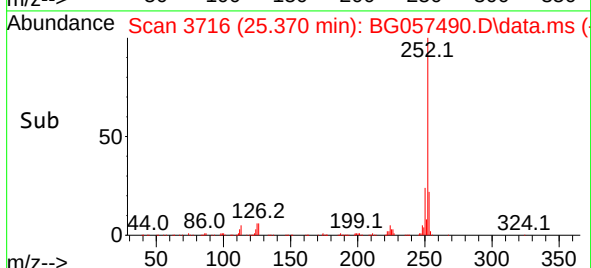
Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023

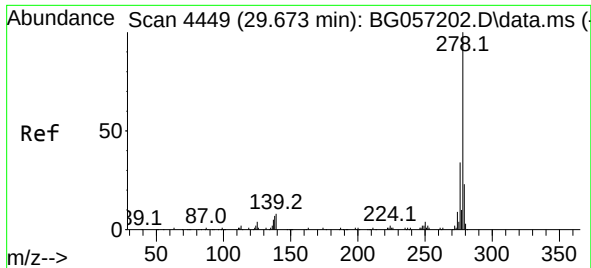


#90
Benzo(a)pyrene
Concen: 35.292 ng
RT: 25.370 min Scan# 3716
Delta R.T. 0.013 min
Lab File: BG057490.D
Acq: 22 May 2023 12:26



Tgt Ion:252 Resp: 365578
Ion Ratio Lower Upper
252 100
253 22.1 16.3 24.5
125 5.6 5.0 7.4





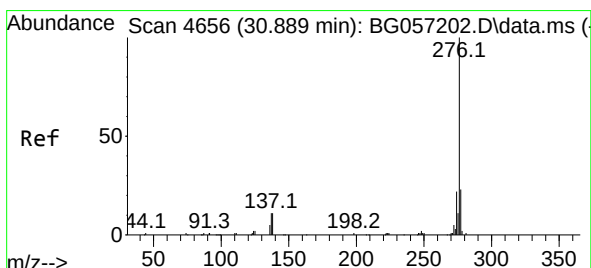
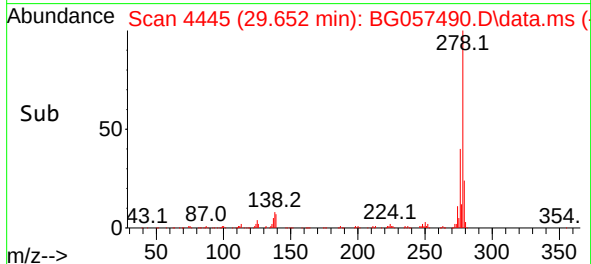
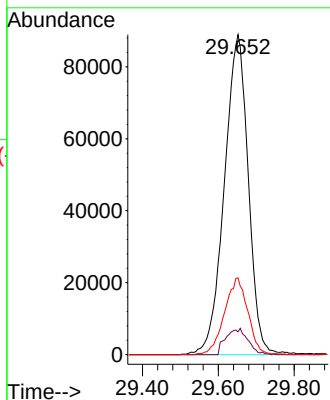
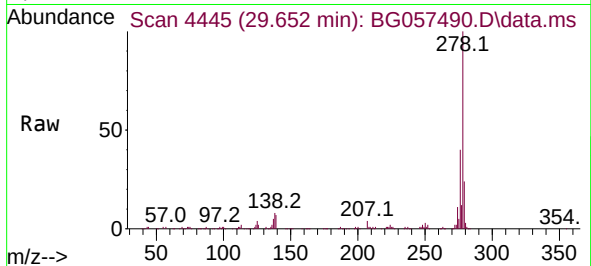
#91
Dibenzo(a,h)anthracene
Concen: 39.469 ng
RT: 29.652 min Scan# 4445
Delta R.T. 0.043 min
Lab File: BG057490.D
Acq: 22 May 2023 12:26

Instrument :
BNA_G
ClientSampleId :
PB152920BS

Tgt Ion:278 Resp: 38855
Ion Ratio Lower Upper
278 100
139 7.2 6.2 9.2
279 24.0 18.6 27.8

Manual Integrations
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Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023



#92
Benzo(g,h,i)perylene
Concen: 38.668 ng
RT: 30.874 min Scan# 4653
Delta R.T. 0.037 min
Lab File: BG057490.D
Acq: 22 May 2023 12:26

Tgt Ion:276 Resp: 371698
Ion Ratio Lower Upper
276 100
277 22.5 18.4 27.6
138 11.2 9.0 13.4

