

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011623\
 Data File : BG056294.D
 Acq On : 16 Jan 2023 13:10
 Operator : CG/JU
 Sample : PB150235BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150235BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/17/2023
 Supervised By : Jagrut Upadhyay 01/17/2023

Quant Time: Jan 17 05:23:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 03:38:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.318	152	48891	20.000	ng	0.00
21) Naphthalene-d8	11.150	136	189744	20.000	ng	# 0.00
39) Acenaphthene-d10	14.933	164	154390	20.000	ng	0.00
64) Phenanthrene-d10	17.665	188	388072	20.000	ng	# 0.00
76) Chrysene-d12	21.966	240	364825	20.000	ng	# 0.00
86) Perylene-d12	25.409	264	385474	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.832	112	424887	155.169	ng	0.00
7) Phenol-d6	7.454	99	577505	137.333	ng	0.00
23) Nitrobenzene-d5	9.493	82	312654	84.286	ng	0.00
42) 2,4,6-Tribromophenol	16.414	330	263019	134.514	ng	0.00
45) 2-Fluorobiphenyl	13.559	172	967291	86.517	ng	0.00
79) Terphenyl-d14	20.245	244	1861978	91.411	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.641	88	46995	37.575	ng	# 89
3) Pyridine	4.064	79	123309	32.370	ng	# 92
4) n-Nitrosodimethylamine	3.976	42	32496	41.936	ng	100
6) Aniline	7.624	93	183575	33.289	ng	94
8) 2-Chlorophenol	7.871	128	139849	51.324	ng	96
9) Benzaldehyde	7.436	77	74605	29.838	ng	92
10) Phenol	7.483	94	203602	47.742	ng	95
11) bis(2-Chloroethyl)ether	7.718	93	129540	44.823	ng	95
12) 1,3-Dichlorobenzene	8.206	146	160336	48.348	ng	98
13) 1,4-Dichlorobenzene	8.353	146	160944	48.329	ng	98
14) 1,2-Dichlorobenzene	8.676	146	157108	48.894	ng	97
15) Benzyl Alcohol	8.547	79	132385	43.256	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.829	45	26559	52.005	ng	# 79
17) 2-Methylphenol	8.747	107	138793	44.353	ng	97
18) Hexachloroethane	9.416	117	50457	49.875	ng	98
19) n-Nitroso-di-n-propyla...	9.117	70	99402	38.873	ng	97
20) 3+4-Methylphenols	9.076	107	188440	42.832	ng	97
22) Acetophenone	9.140	105	225429	42.018	ng	# 98
24) Nitrobenzene	9.534	77	151980	41.343	ng	99
25) Isophorone	10.051	82	300180	38.461	ng	96
26) 2-Nitrophenol	10.251	139	83777	44.542	ng	98
27) 2,4-Dimethylphenol	10.292	122	153068	44.619	ng	96
28) bis(2-Chloroethoxy)met...	10.533	93	175561	43.279	ng	99
29) 2,4-Dichlorophenol	10.785	162	173051	45.628	ng	94
30) 1,2,4-Trichlorobenzene	11.009	180	191152	44.413	ng	99
31) Naphthalene	11.197	128	433198	43.381	ng	99
32) Benzoic acid	10.421	122	99181	38.965	ng	99
33) 4-Chloroaniline	11.296	127	107787	22.608	ng	93
34) Hexachlorobutadiene	11.473	225	137258	44.342	ng	97
35) Caprolactam	12.066	113	52792m	41.113	ng	
36) 4-Chloro-3-methylphenol	12.395	107	167091	43.417	ng	97
37) 2-Methylnaphthalene	12.783	142	337978	40.084	ng	98
38) 1-Methylnaphthalene	13.000	142	314221	40.131	ng	96
40) 1,2,4,5-Tetrachloroben...	13.141	216	258388	44.654	ng	97
41) Hexachlorocyclopentadiene	13.118	237	329628	99.917	ng	92
43) 2,4,6-Trichlorophenol	13.371	196	175519	45.872	ng	99

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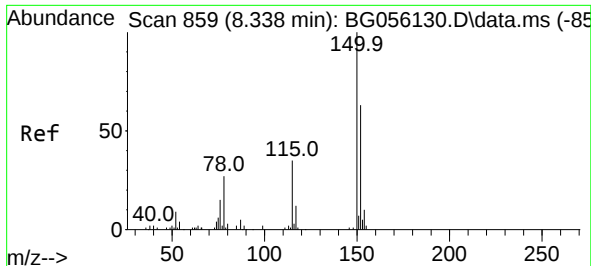
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.447	196	185574	41.000	ng	99
46) 1,1'-Biphenyl	13.770	154	490849	44.393	ng	98
47) 2-Chloronaphthalene	13.817	162	391745	44.887	ng	98
48) 2-Nitroaniline	14.011	65	82590	44.416	ng	99
49) Acenaphthylene	14.657	152	608730	42.861	ng	99
50) Dimethylphthalate	14.369	163	529410	42.478	ng	99
51) 2,6-Dinitrotoluene	14.493	165	114546	43.132	ng	98
52) Acenaphthene	14.998	154	454646m	49.220	ng	
53) 3-Nitroaniline	14.828	138	77947	30.840	ng	93
54) 2,4-Dinitrophenol	15.033	184	168497	88.813	ng	# 96
55) Dibenzofuran	15.327	168	649739	42.507	ng	97
56) 4-Nitrophenol	15.121	139	176960	91.036	ng	91
57) 2,4-Dinitrotoluene	15.280	165	165182	44.475	ng	91
58) Fluorene	15.973	166	519742	42.275	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.544	232	188257	44.297	ng	96
60) Diethylphthalate	15.721	149	495501	42.393	ng	97
61) 4-Chlorophenyl-phenyle...	15.950	204	325625	42.440	ng	98
62) 4-Nitroaniline	15.985	138	109507	42.297	ng	93
63) Azobenzene	16.249	77	380653	42.203	ng	98
65) 4,6-Dinitro-2-methylph...	16.038	198	113386	43.367	ng	93
66) n-Nitrosodiphenylamine	16.167	169	481349	44.705	ng	97
67) 4-Bromophenyl-phenylether	16.843	248	218808	44.278	ng	98
68) Hexachlorobenzene	16.972	284	219872	47.689	ng	100
69) Atrazine	17.101	200	239106	53.583	ng	98
70) Pentachlorophenol	17.313	266	289018	81.606	ng	97
71) Phenanthrene	17.712	178	898091	44.656	ng	99
72) Anthracene	17.801	178	911451	43.934	ng	99
73) Carbazole	18.065	167	786684	45.112	ng	98
74) Di-n-butylphthalate	18.594	149	810302	46.613	ng	100
75) Fluoranthene	19.698	202	1124980	42.884	ng	99
77) Benzidine	19.863	184	374703	29.308	ng	99
78) Pyrene	20.063	202	1137403	44.232	ng	98
80) Butylbenzylphthalate	20.920	149	336803	45.654	ng	98
81) Benzo(a)anthracene	21.943	228	1134483	44.274	ng	99
82) 3,3'-Dichlorobenzidine	21.843	252	297906	32.296	ng	100
83) Chrysene	22.013	228	1053419	43.888	ng	99
84) Bis(2-ethylhexyl)phtha...	21.808	149	488174	45.931	ng	99
85) Di-n-octyl phthalate	23.094	149	828859	46.195	ng	99
87) Indeno(1,2,3-cd)pyrene	29.381	276	1324666	47.252	ng	# 97
88) Benzo(b)fluoranthene	24.311	252	1199340	48.969	ng	98
89) Benzo(k)fluoranthene	24.381	252	1137251	46.630	ng	99
90) Benzo(a)pyrene	25.251	252	1040733	43.567	ng	99
91) Dibenzo(a,h)anthracene	29.446	278	1104551	46.995	ng	99
92) Benzo(g,h,i)perylene	30.633	276	1076898	47.248	ng	98

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



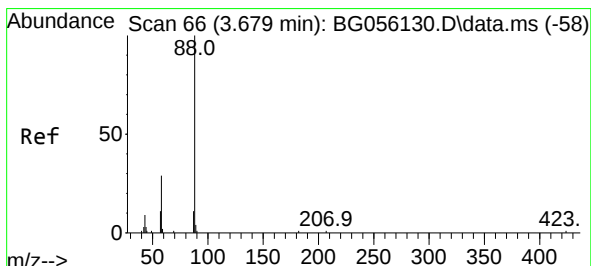
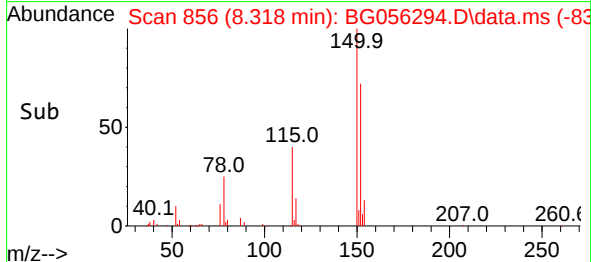
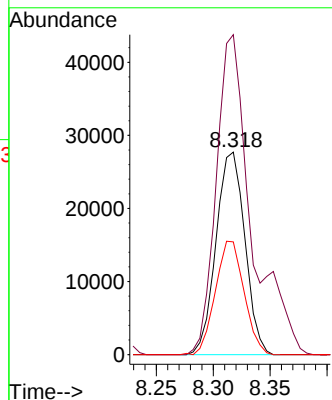
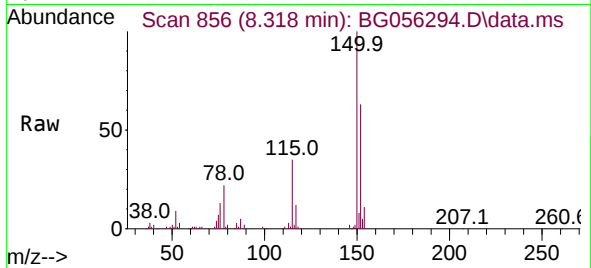
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.318 min Scan# 859
Delta R.T. 0.001 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10

Instrument :
BNA_G
ClientSampleId :
PB150235BS

Tgt Ion:152 Resp: 48891
Ion Ratio Lower Upper
152 100
150 158.0 127.9 191.9
115 55.6 44.2 66.2

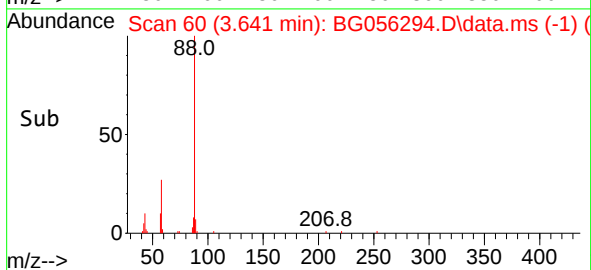
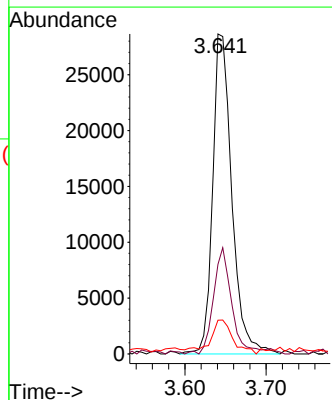
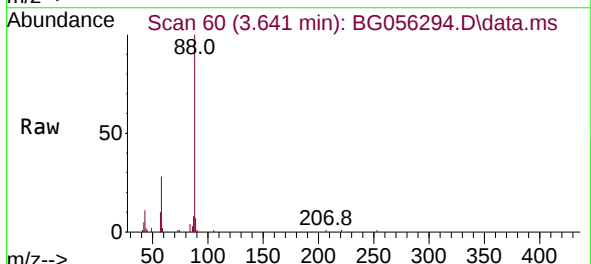
Manual Integrations
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#2
1,4-Dioxane
Concen: 37.575 ng
RT: 3.641 min Scan# 60
Delta R.T. -0.005 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10

Tgt Ion: 88 Resp: 46995
Ion Ratio Lower Upper
88 100
58 32.2 21.4 32.0#
43 12.6 7.1 10.7#





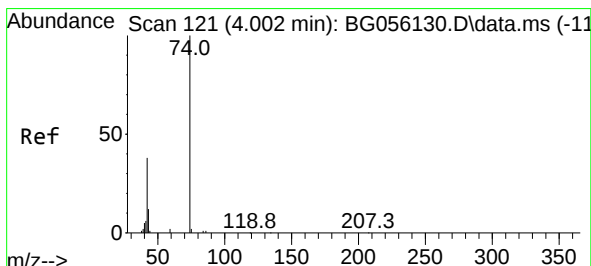
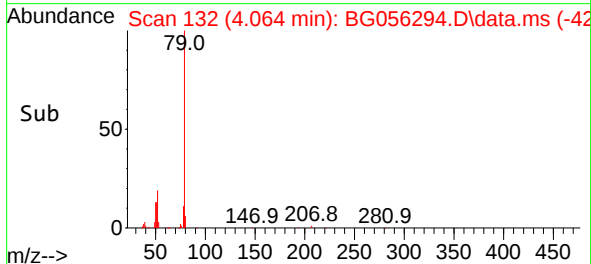
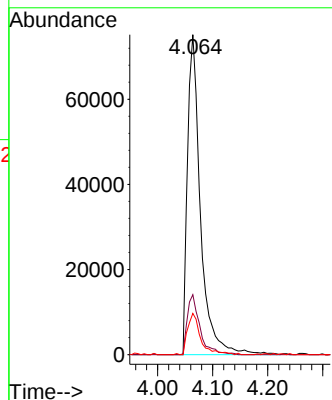
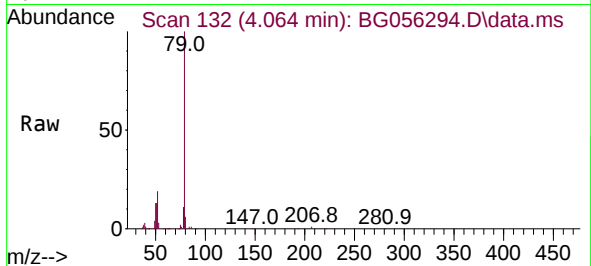
#3
Pyridine
Concen: 32.370 ng
RT: 4.064 min Scan# 137
Delta R.T. 0.001 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10

Instrument :
BNA_G
ClientSampleId :
PB150235BS

Tgt Ion: 79 Resp: 123309
Ion Ratio Lower Upper
79 100
52 18.7 11.8 17.6
51 12.9 8.8 13.2

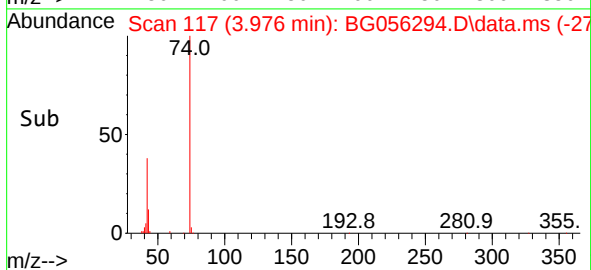
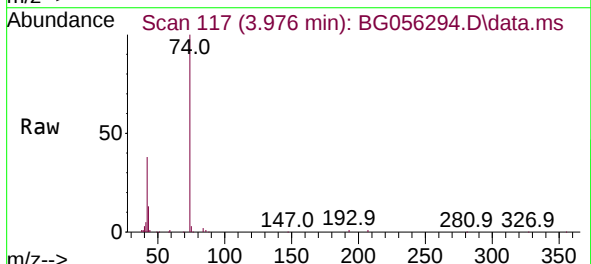
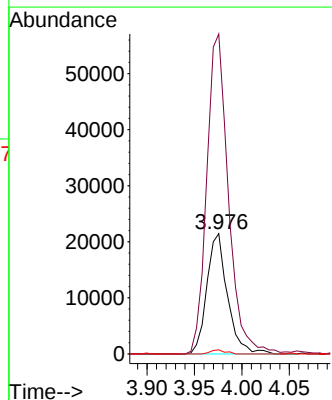
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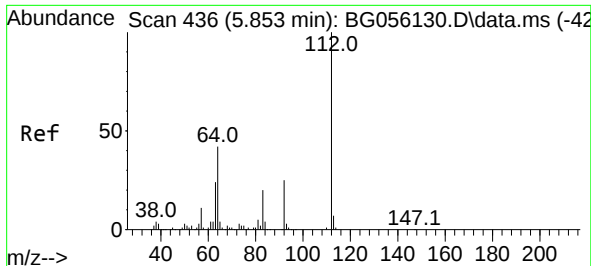
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023



#4
n-Nitrosodimethylamine
Concen: 41.936 ng
RT: 3.976 min Scan# 117
Delta R.T. 0.001 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10

Tgt Ion: 42 Resp: 32496
Ion Ratio Lower Upper
42 100
74 266.1 212.6 319.0
44 3.3 2.6 3.8





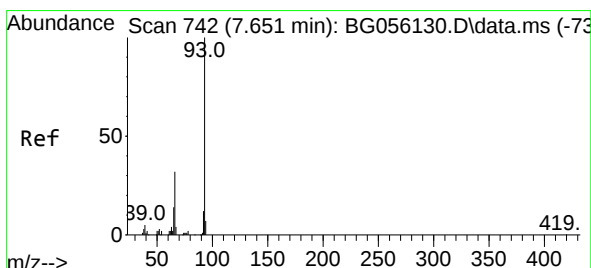
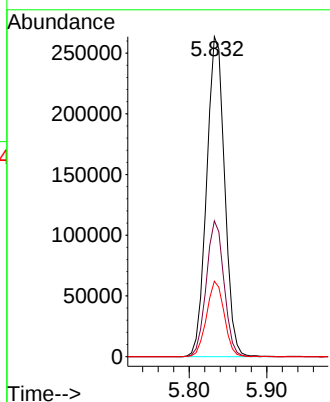
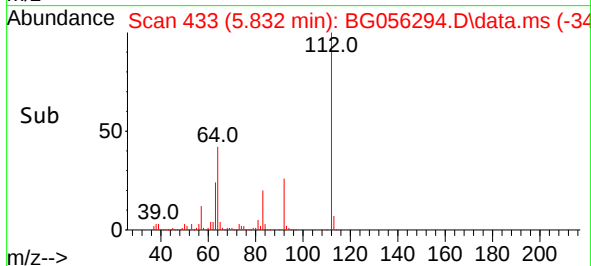
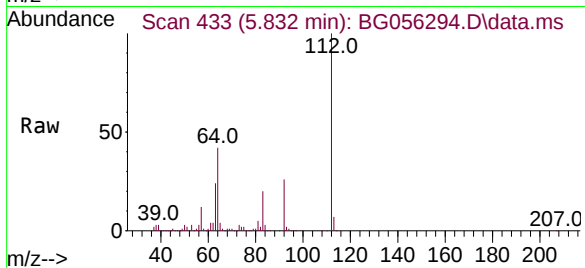
#5
2-Fluorophenol
Concen: 155.169 ng
RT: 5.832 min Scan# 436
Delta R.T. 0.007 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10

Instrument :
BNA_G
Client Sample Id :
PB150235BS

Tgt Ion: 112 Resp: 42488
Ion Ratio Lower Upper
112 100
64 42.4 33.3 49.9
63 23.6 19.0 28.4

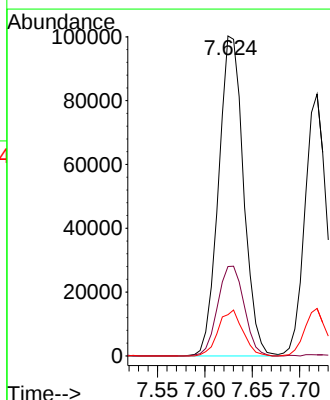
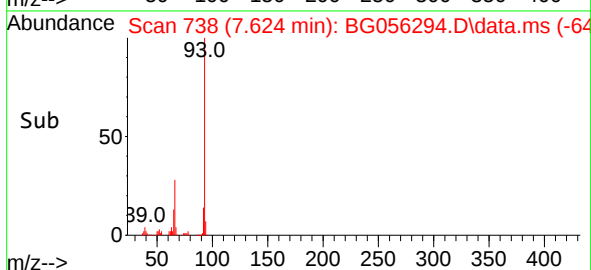
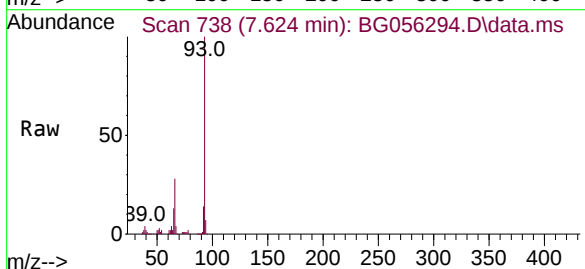
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#6
Aniline
Concen: 33.289 ng
RT: 7.624 min Scan# 738
Delta R.T. -0.005 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10

Tgt Ion: 93 Resp: 183575
Ion Ratio Lower Upper
93 100
66 27.9 25.4 38.2
65 12.9 11.4 17.2





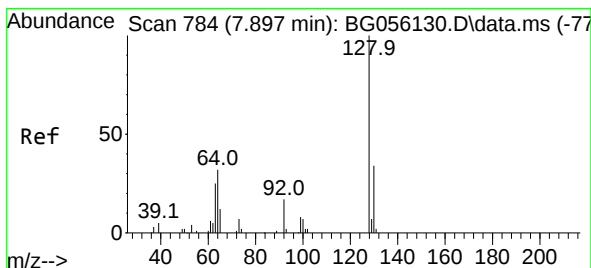
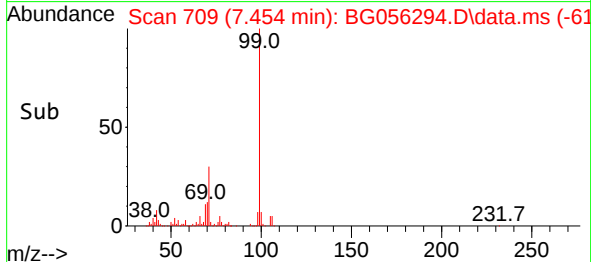
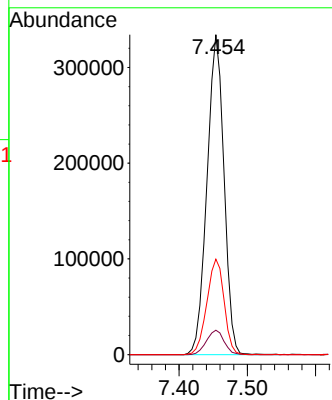
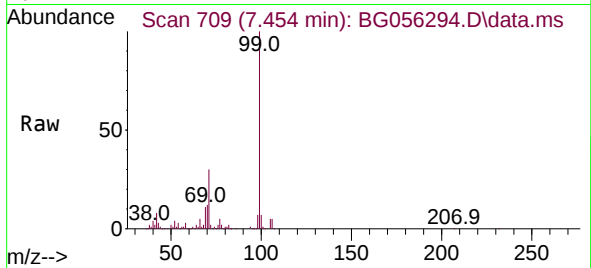
#7
Phenol-d6
Concen: 137.333 ng
RT: 7.454 min Scan# 70
Delta R.T. 0.007 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10

Instrument :
BNA_G
ClientSampleId :
PB150235BS

Tgt Ion: 99 Resp: 577505
Ion Ratio Lower Upper
99 100
42 7.6 5.9 8.9
71 29.8 25.4 38.2

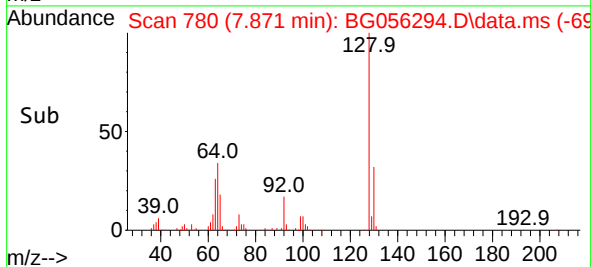
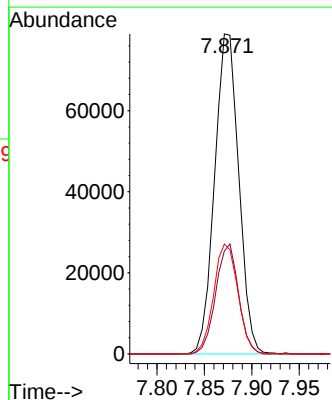
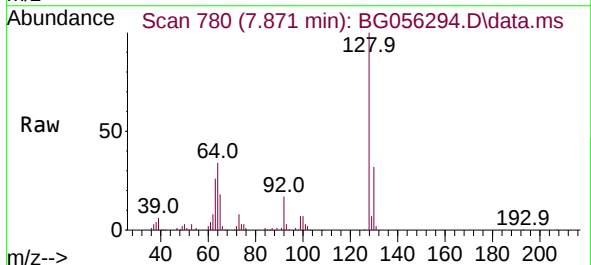
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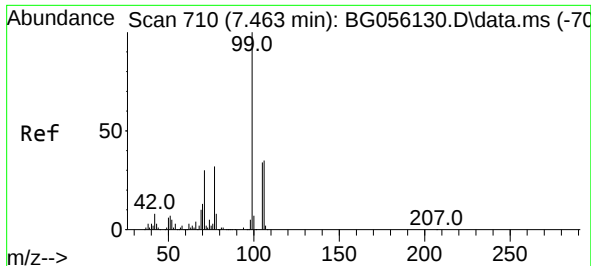
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023



#8
2-Chlorophenol
Concen: 51.324 ng
RT: 7.871 min Scan# 780
Delta R.T. 0.001 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10

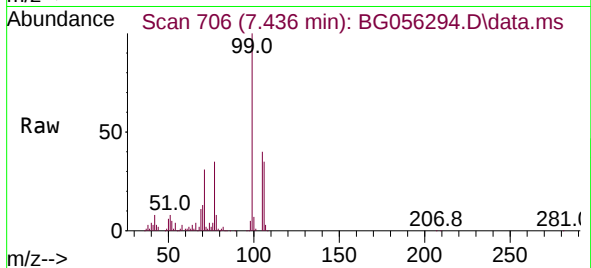
Tgt Ion:128 Resp: 139849
Ion Ratio Lower Upper
128 100
130 32.1 13.5 53.5
64 34.3 18.0 58.0





#9
Benzaldehyde
Concen: 29.838 ng
RT: 7.436 min Scan# 706
Delta R.T. -0.005 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10

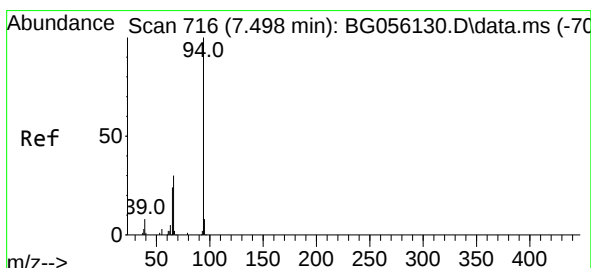
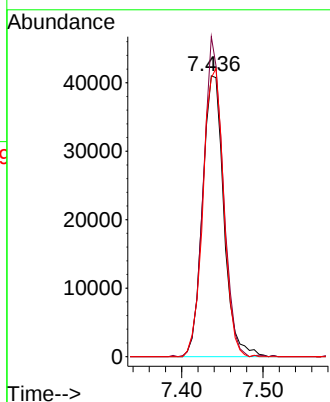
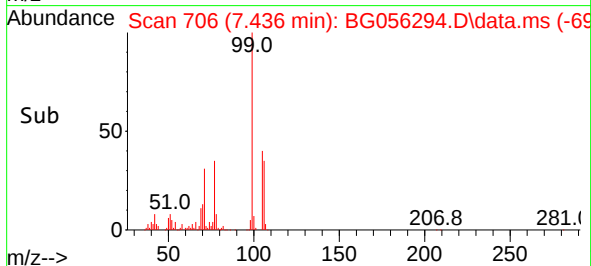
Instrument :
BNA_G
ClientSampleId :
PB150235BS



Tgt Ion: 77 Resp: 74605
Ion Ratio Lower Upper
77 100
105 114.0 86.8 126.8
106 99.3 89.3 129.3

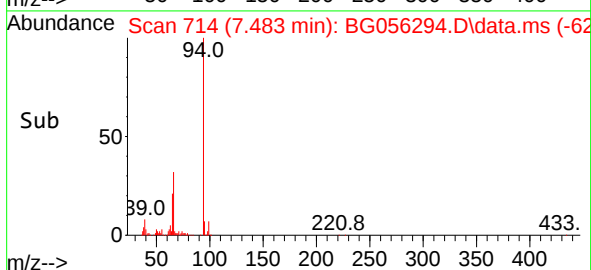
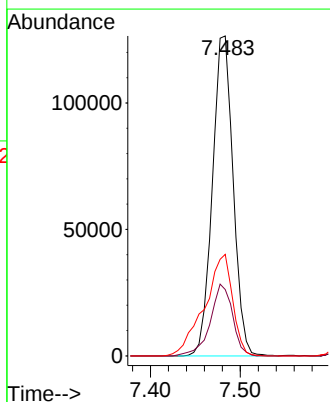
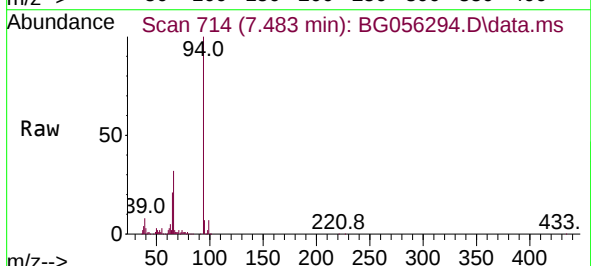
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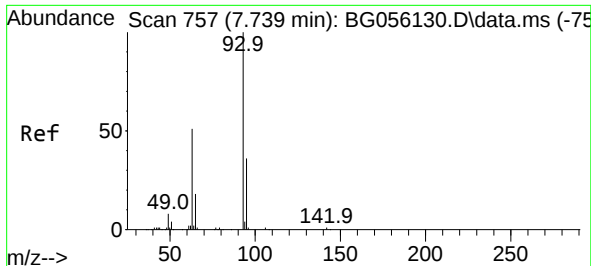
Reviewed By :Christian Giraldo 01/17/2023
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#10
Phenol
Concen: 47.742 ng
RT: 7.483 min Scan# 714
Delta R.T. 0.007 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10

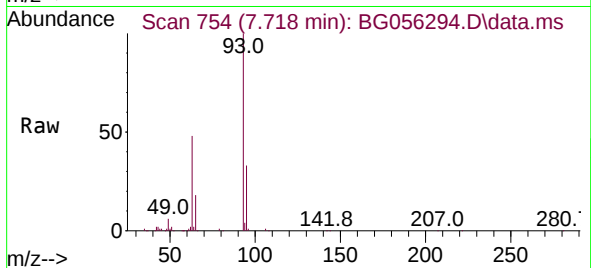
Tgt Ion: 94 Resp: 203602
Ion Ratio Lower Upper
94 100
65 20.7 4.3 44.3
66 31.7 13.2 53.2





#11
bis(2-Chloroethyl)ether
Concen: 44.823 ng
RT: 7.718 min Scan# 71
Delta R.T. 0.001 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10

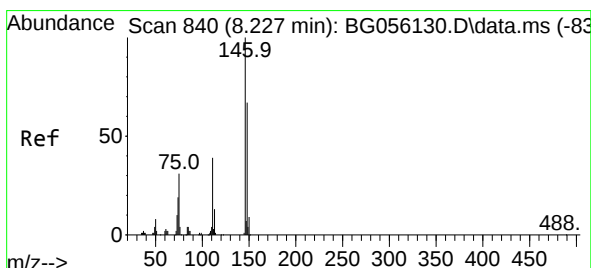
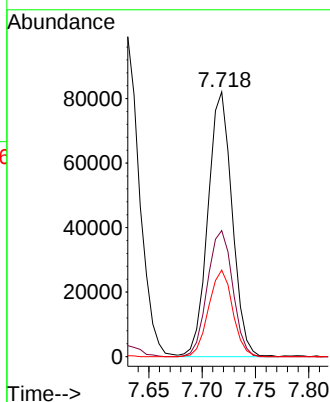
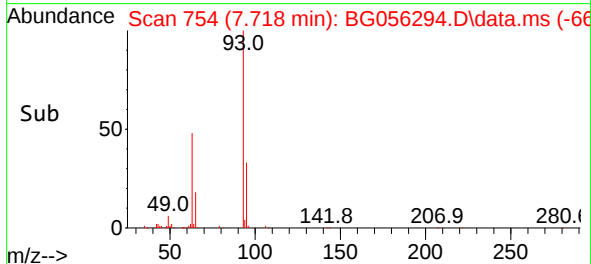
Instrument :
BNA_G
ClientSampleId :
PB150235BS



Tgt Ion: 93 Resp: 129540
Ion Ratio Lower Upper
93 100
63 47.6 30.5 70.5
95 32.7 15.9 55.9

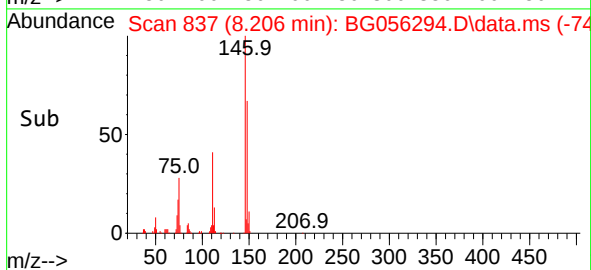
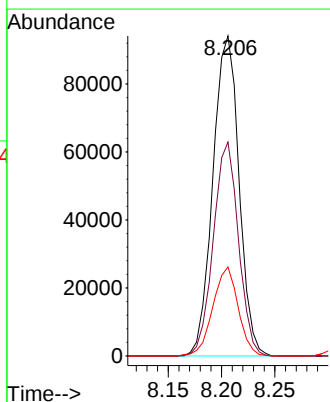
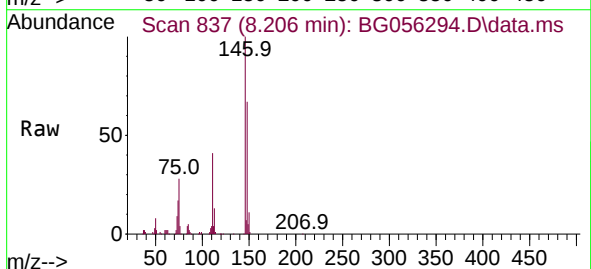
Manual Integrations
APPROVED

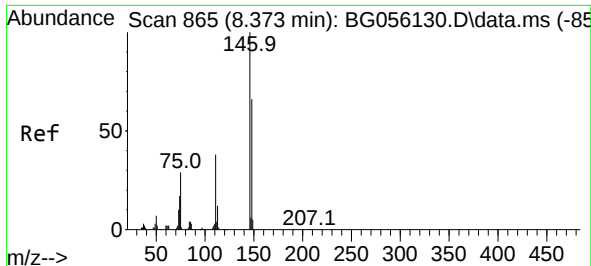
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023



#12
1,3-Dichlorobenzene
Concen: 48.348 ng
RT: 8.206 min Scan# 837
Delta R.T. 0.001 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10

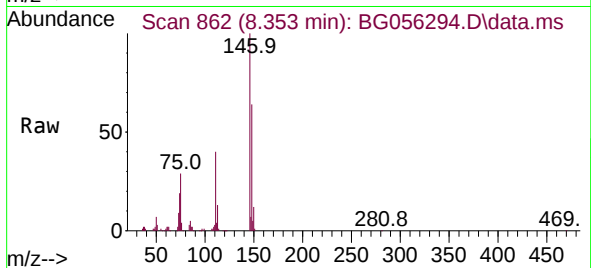
Tgt Ion:146 Resp: 160336
Ion Ratio Lower Upper
146 100
148 66.8 53.5 80.3
75 27.8 24.8 37.2





#13
1,4-Dichlorobenzene
Concen: 48.329 ng
RT: 8.353 min Scan# 80
Delta R.T. 0.001 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10

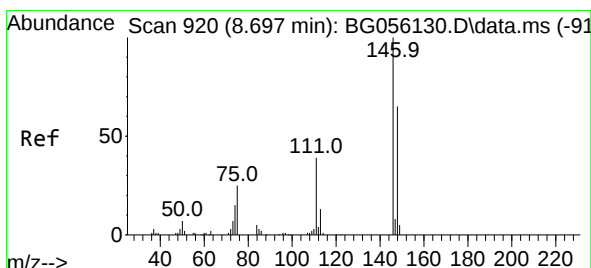
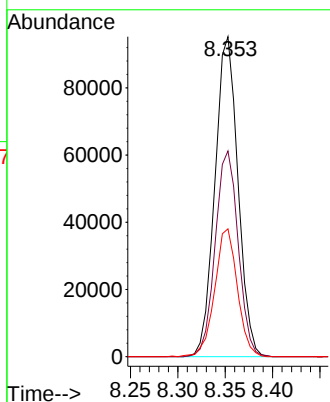
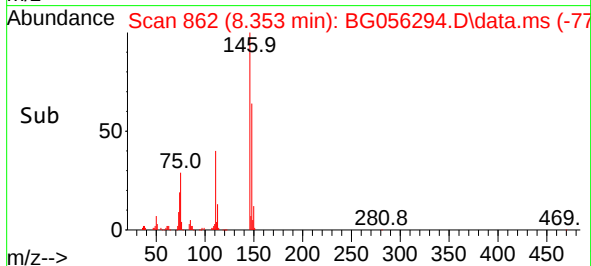
Instrument :
BNA_G
ClientSampleId :
PB150235BS



Tgt Ion:146 Resp: 160944
Ion Ratio Lower Upper
146 100
148 64.3 52.8 79.2
111 39.9 30.5 45.7

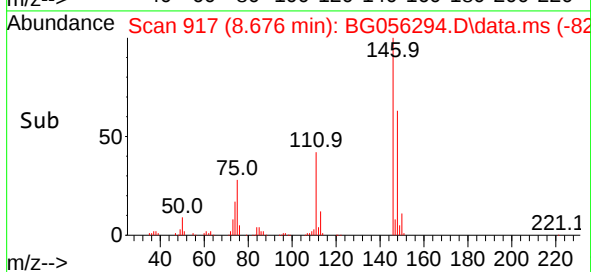
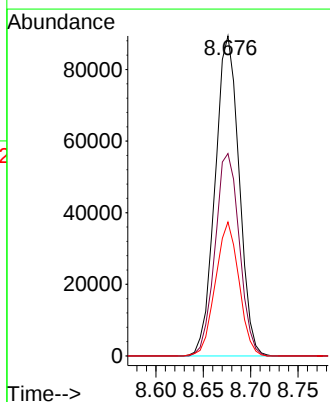
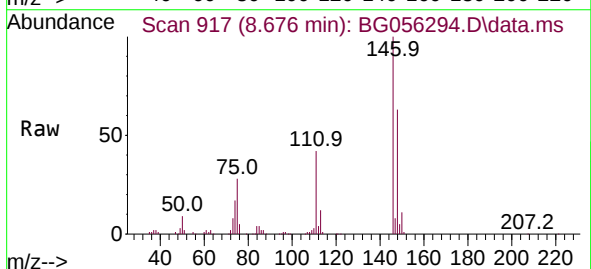
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023



#14
1,2-Dichlorobenzene
Concen: 48.894 ng
RT: 8.676 min Scan# 917
Delta R.T. 0.001 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10

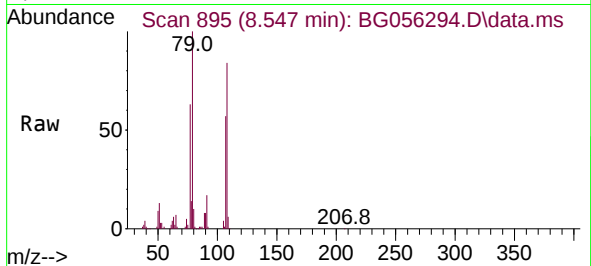
Tgt Ion:146 Resp: 157108
Ion Ratio Lower Upper
146 100
148 63.2 51.7 77.5
111 41.8 31.5 47.3





#15
Benzyl Alcohol
Concen: 43.256 ng
RT: 8.547 min Scan# 898
Delta R.T. 0.001 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10

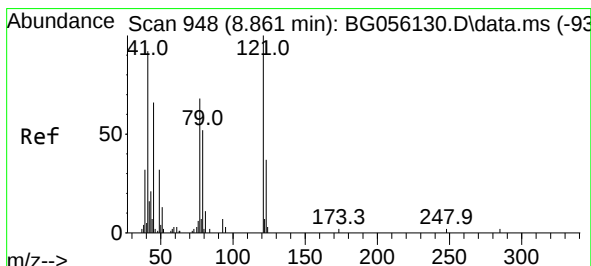
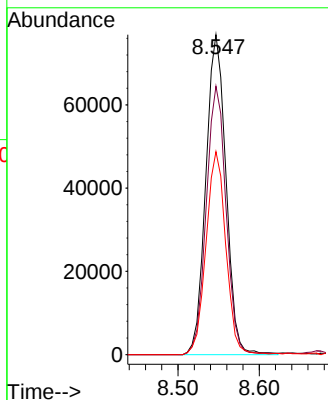
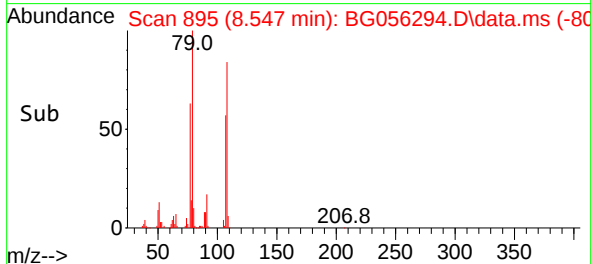
Instrument :
BNA_G
ClientSampleId :
PB150235BS



Tgt Ion: 79 Resp: 132385
Ion Ratio Lower Upper
79 100
108 83.9 64.7 97.1
77 63.4 51.5 77.3

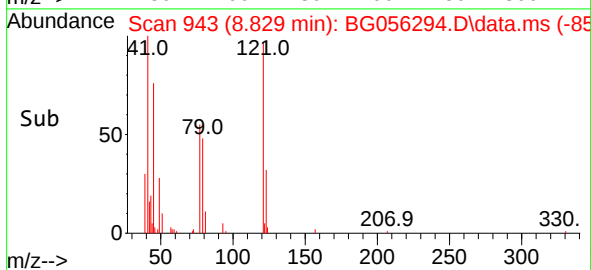
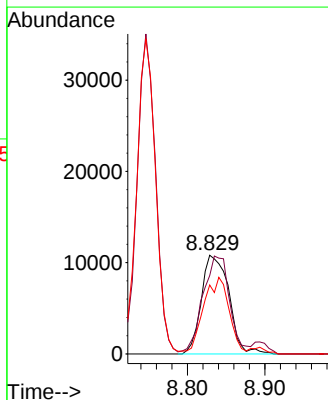
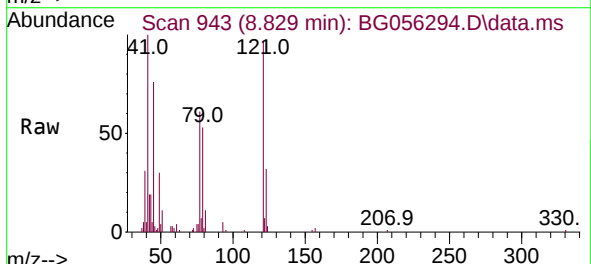
Manual Integrations
APPROVED

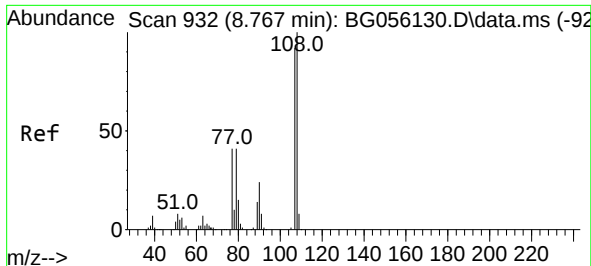
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.005 ng
RT: 8.829 min Scan# 943
Delta R.T. -0.011 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10

Tgt Ion: 45 Resp: 26559
Ion Ratio Lower Upper
45 100
77 79.5 88.2 128.2#
79 69.8 61.2 101.2





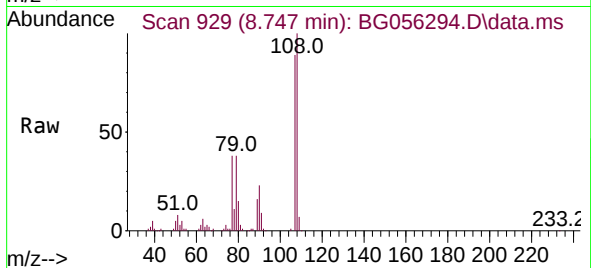
#17
2-Methylphenol
Concen: 44.353 ng
RT: 8.747 min Scan# 91
Delta R.T. 0.001 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10

Instrument :

BNA_G

ClientSampleId :

PB150235BS

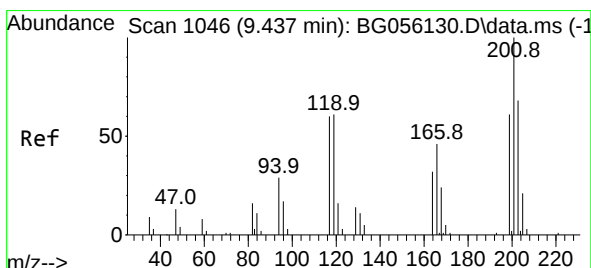
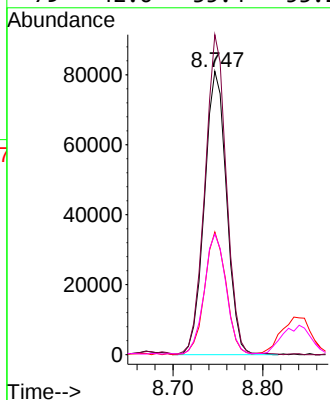
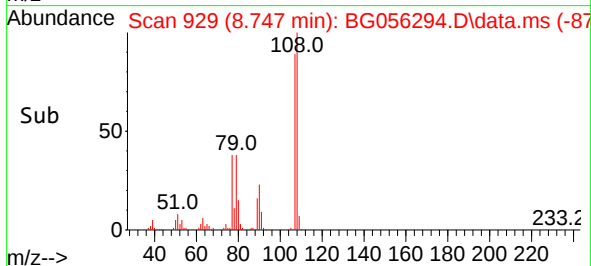


Tgt Ion:107 Resp: 138793
Ion Ratio Lower Upper
107 100
108 113.0 86.6 129.8
77 43.3 35.4 53.2
79 42.6 35.4 53.2

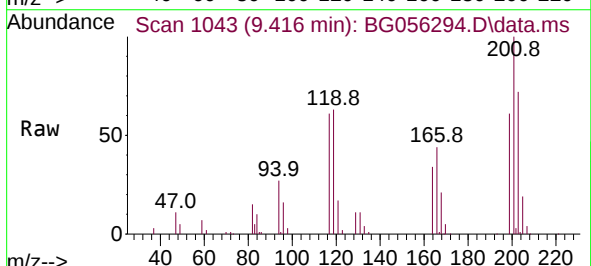
Manual Integrations

APPROVED

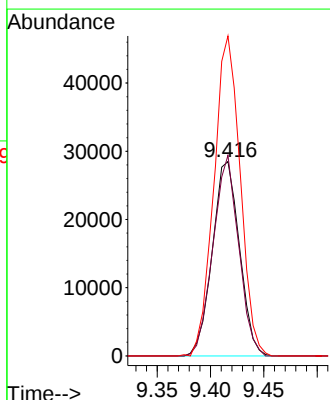
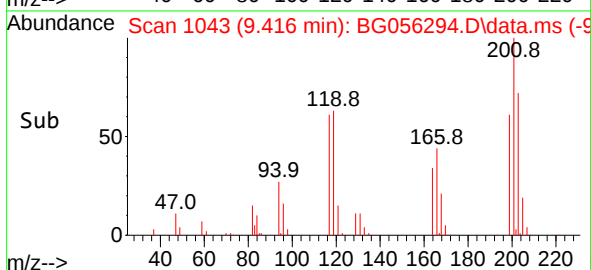
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023

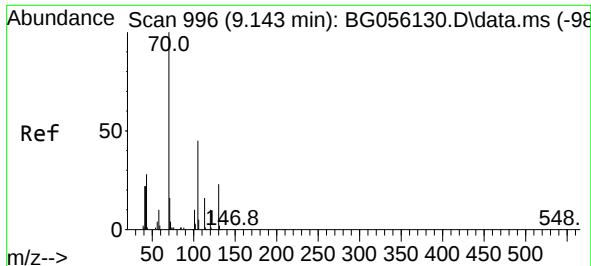


#18
Hexachloroethane
Concen: 49.875 ng
RT: 9.416 min Scan# 1043
Delta R.T. 0.001 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10



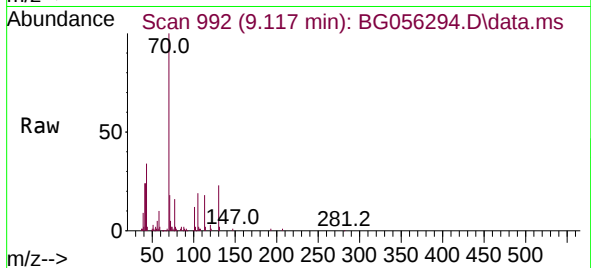
Tgt Ion:117 Resp: 50457
Ion Ratio Lower Upper
117 100
119 103.2 81.8 122.6
201 164.6 134.2 201.2





#19
n-Nitroso-di-n-propylamine
Concen: 38.873 ng
RT: 9.117 min Scan# 996
Delta R.T. 0.001 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10

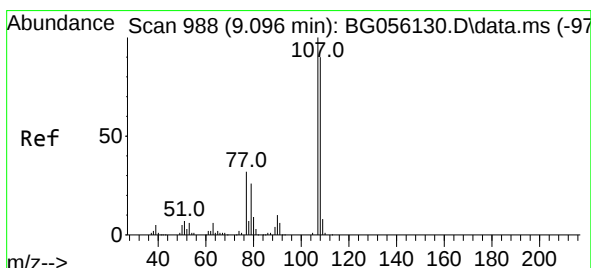
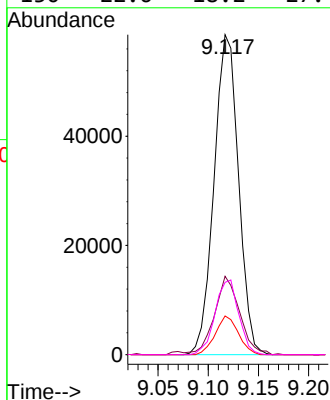
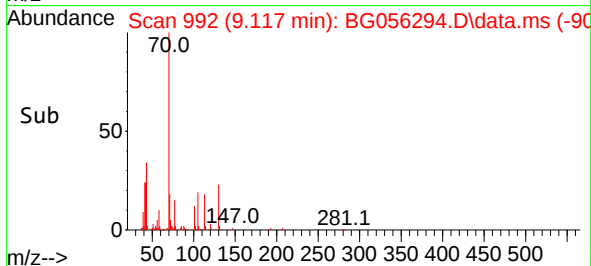
Instrument :
BNA_G
ClientSampleId :
PB150235BS



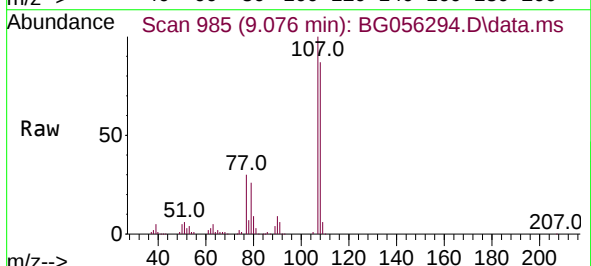
Tgt Ion: 70 Resp: 99402
Ion Ratio Lower Upper
70 100
42 24.5 18.2 27.2
101 12.1 8.3 12.5
130 22.6 18.2 27.4

Manual Integrations
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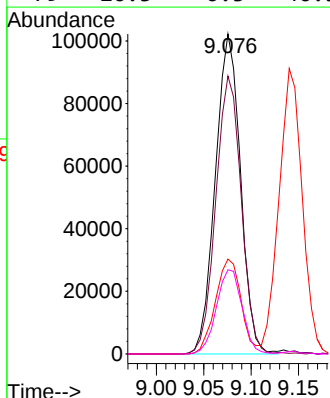
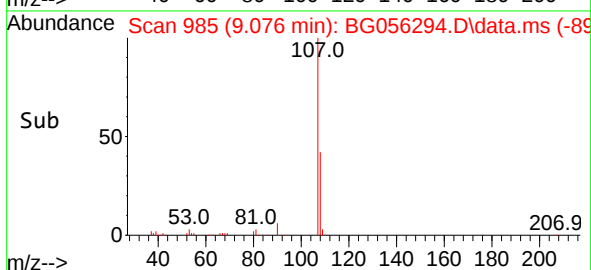
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023

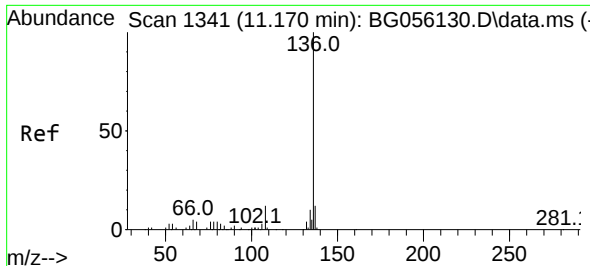


#20
3+4-Methylphenols
Concen: 42.832 ng
RT: 9.076 min Scan# 985
Delta R.T. 0.001 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10



Tgt Ion:107 Resp: 188440
Ion Ratio Lower Upper
107 100
108 86.9 69.6 109.6
77 29.6 11.7 51.7
79 26.3 6.3 46.3





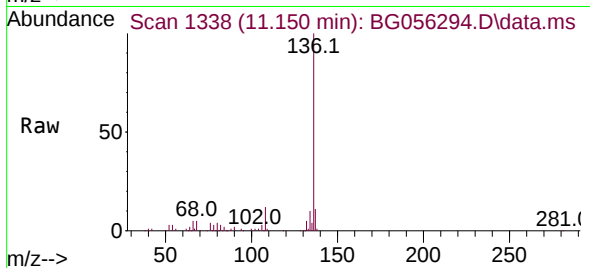
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.150 min Scan# 1341
Delta R.T. 0.001 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10

Instrument :

BNA_G

ClientSampleId :

PB150235BS

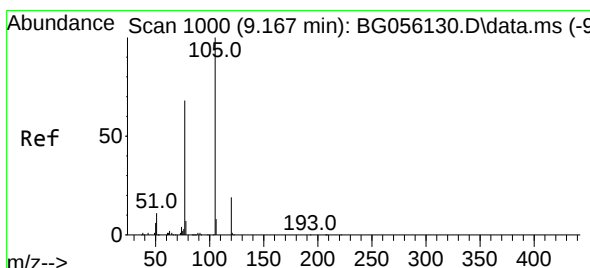
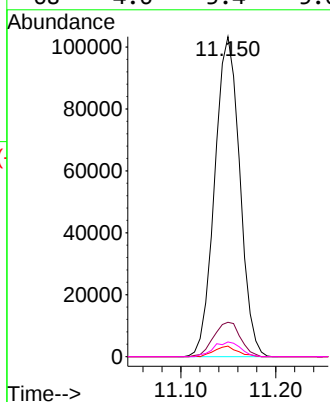
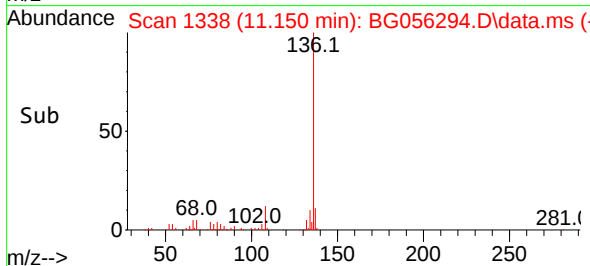


Tgt Ion:136 Resp: 189744
Ion Ratio Lower Upper
136 100
137 10.7 9.4 14.0
54 3.3 2.2 3.2
68 4.6 3.4 5.0

Manual Integrations

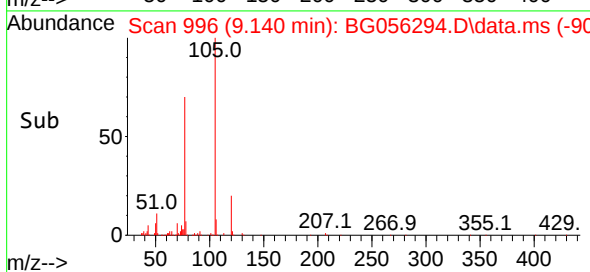
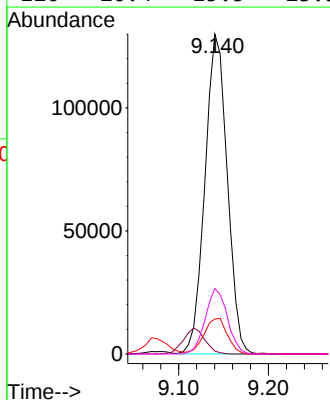
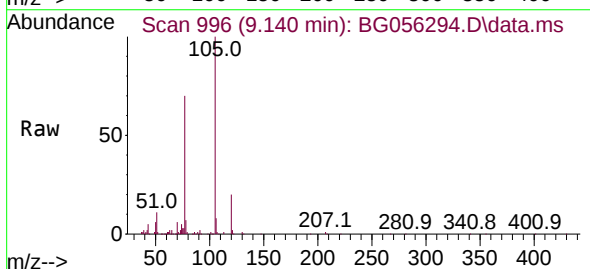
APPROVED

Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023



#22
Acetophenone
Concen: 42.018 ng
RT: 9.140 min Scan# 996
Delta R.T. 0.001 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10

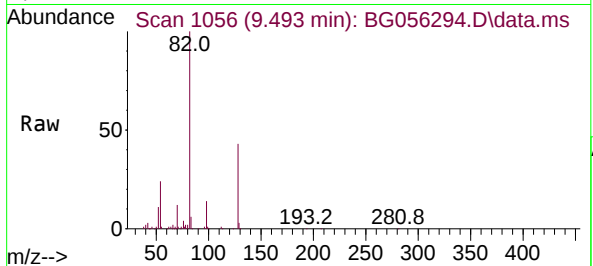
Tgt Ion:105 Resp: 225429
Ion Ratio Lower Upper
105 100
71 0.9 0.5 0.7
51 10.9 9.3 13.9
120 20.4 15.5 23.3





#23
Nitrobenzene-d5
Concen: 84.286 ng
RT: 9.493 min Scan# 1056
Delta R.T. 0.001 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10

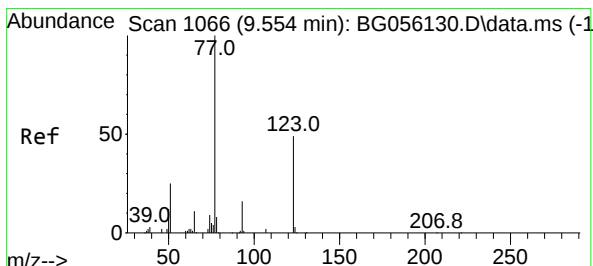
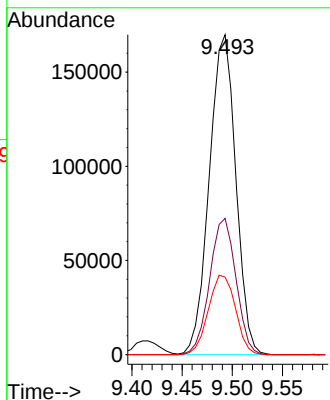
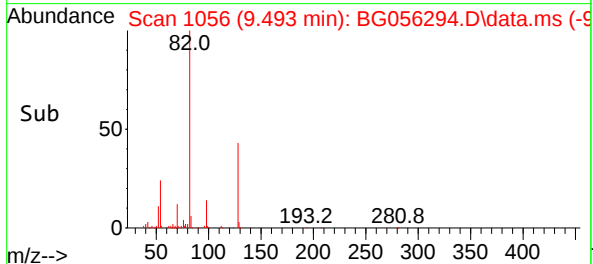
Instrument :
BNA_G
ClientSampleId :
PB150235BS



Tgt Ion: 82 Resp: 312654
Ion Ratio Lower Upper
82 100
128 42.6 33.4 50.2
54 24.2 20.3 30.5

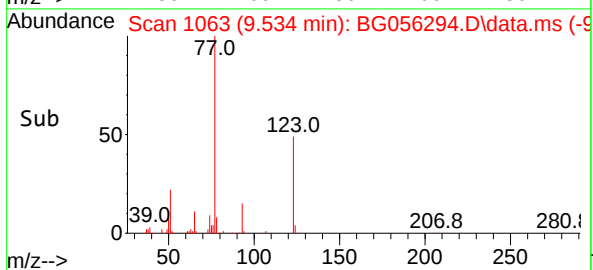
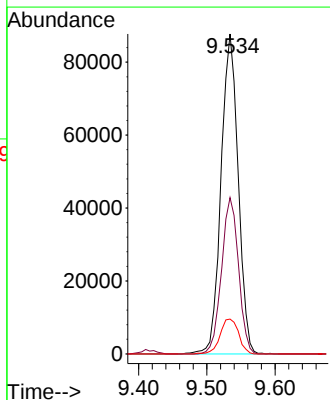
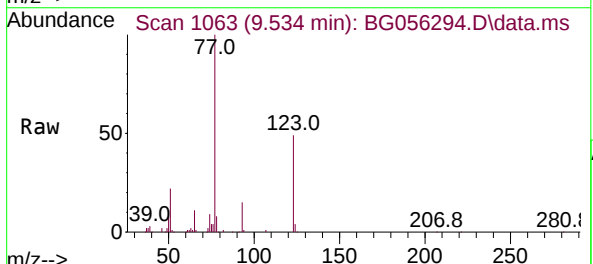
Manual Integrations
APPROVED

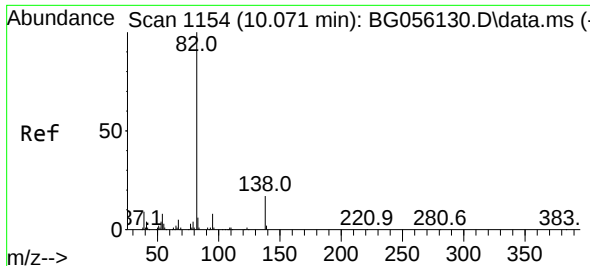
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023



#24
Nitrobenzene
Concen: 41.343 ng
RT: 9.534 min Scan# 1063
Delta R.T. 0.001 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10

Tgt Ion: 77 Resp: 151980
Ion Ratio Lower Upper
77 100
123 48.9 38.8 58.2
65 10.9 9.1 13.7





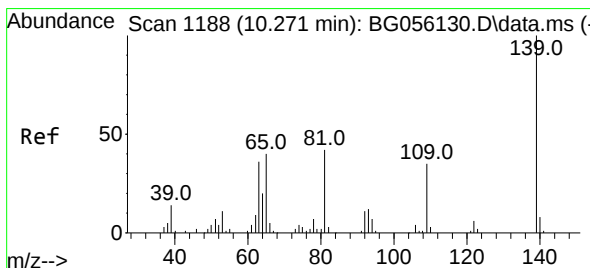
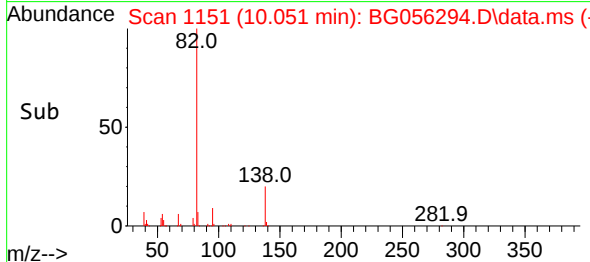
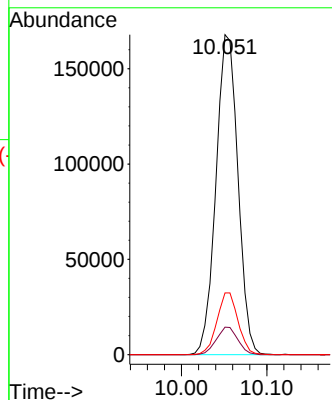
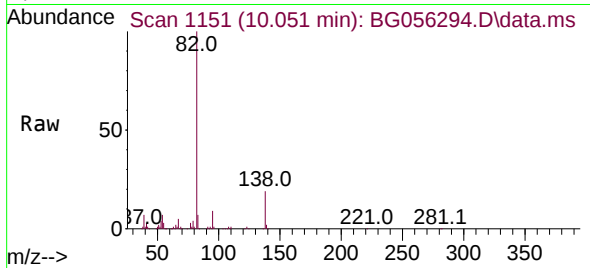
#25
Isophorone
Concen: 38.461 ng
RT: 10.051 min Scan# 1154
Delta R.T. 0.001 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10

Instrument :
BNA_G
ClientSampleId :
PB150235BS

Tgt Ion: 82 Resp: 300180
Ion Ratio Lower Upper
82 100
95 8.6 6.7 10.1
138 19.3 13.7 20.5

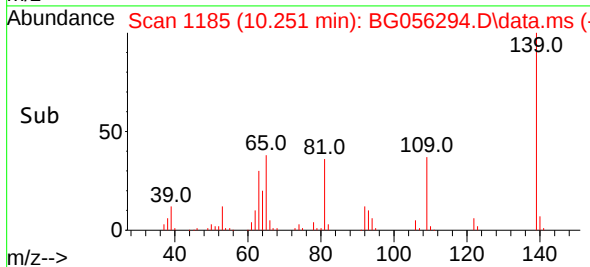
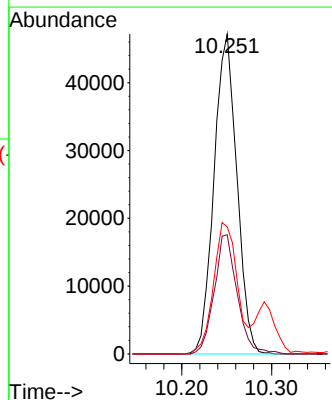
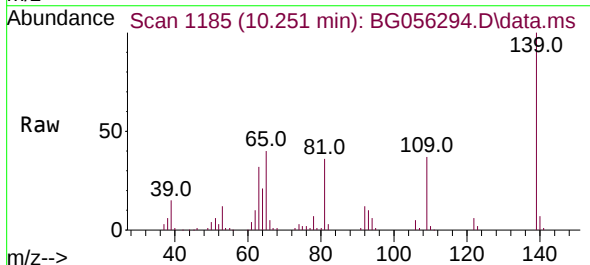
Manual Integrations
APPROVED

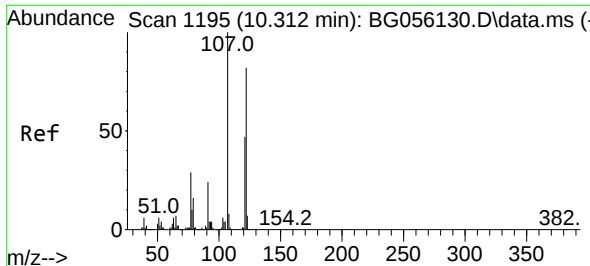
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023



#26
2-Nitrophenol
Concen: 44.542 ng
RT: 10.251 min Scan# 1185
Delta R.T. 0.001 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10

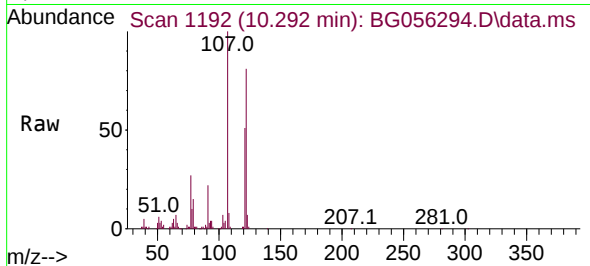
Tgt Ion:139 Resp: 83777
Ion Ratio Lower Upper
139 100
109 37.2 28.4 42.6
65 39.7 32.1 48.1





#27
2,4-Dimethylphenol
Concen: 44.619 ng
RT: 10.292 min Scan# 1195
Delta R.T. 0.001 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10

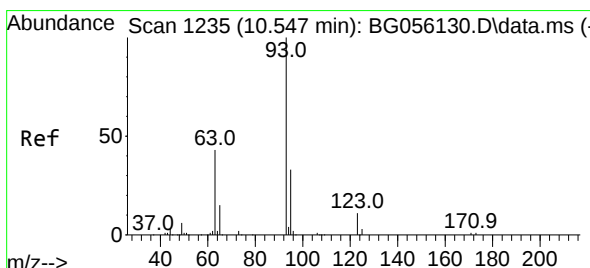
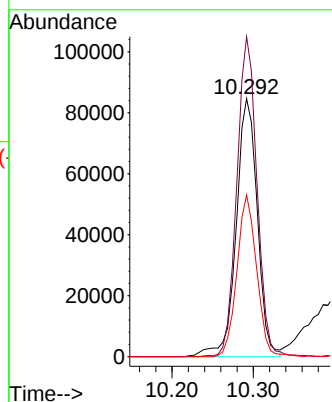
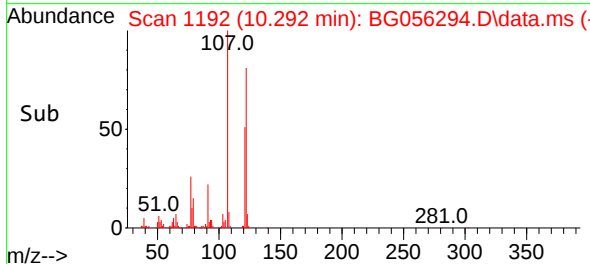
Instrument :
BNA_G
ClientSampleId :
PB150235BS



Tgt Ion:122 Resp: 153068
Ion Ratio Lower Upper
122 100
107 124.0 97.5 146.3
121 62.7 45.9 68.9

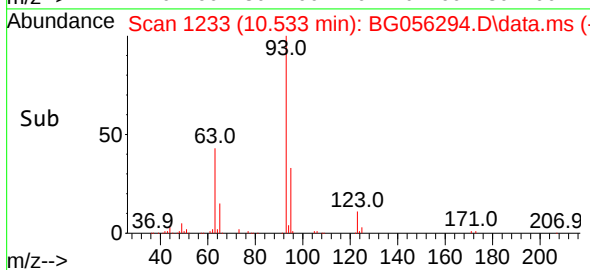
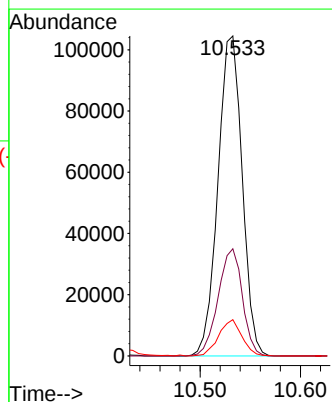
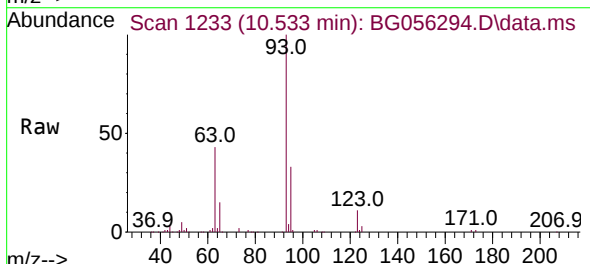
Manual Integrations
APPROVED

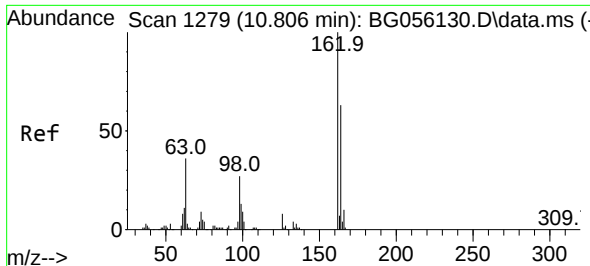
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023



#28
bis(2-Chloroethoxy)methane
Concen: 43.279 ng
RT: 10.533 min Scan# 1233
Delta R.T. 0.001 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10

Tgt Ion: 93 Resp: 175561
Ion Ratio Lower Upper
93 100
95 33.5 26.2 39.2
123 11.3 9.0 13.6





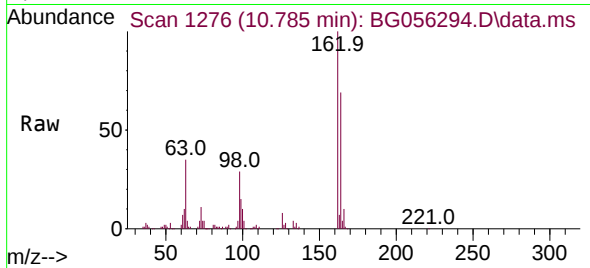
#29
2,4-Dichlorophenol
Concen: 45.628 ng
RT: 10.785 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10

Instrument :

BNA_G

ClientSampleId :

PB150235BS

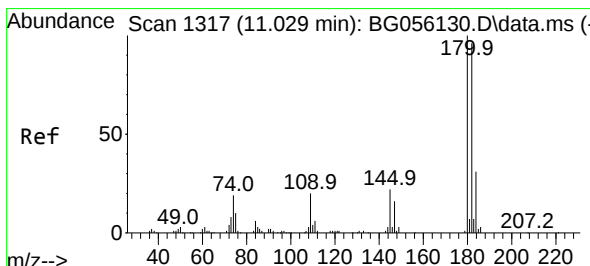
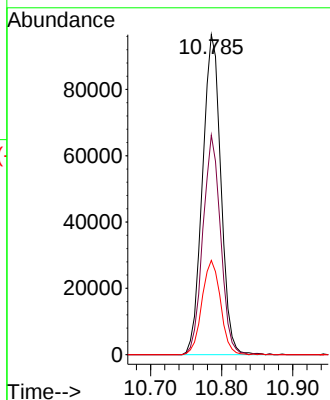
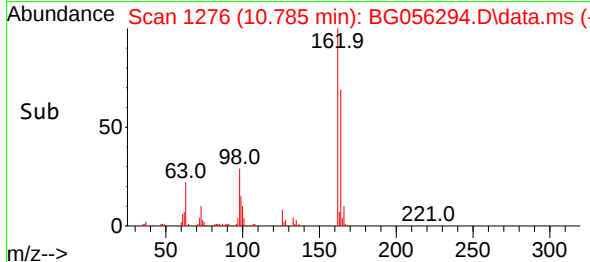


Tgt Ion:162 Resp: 17305
Ion Ratio Lower Upper
162 100
164 68.6 43.3 83.3
98 29.4 6.8 46.8

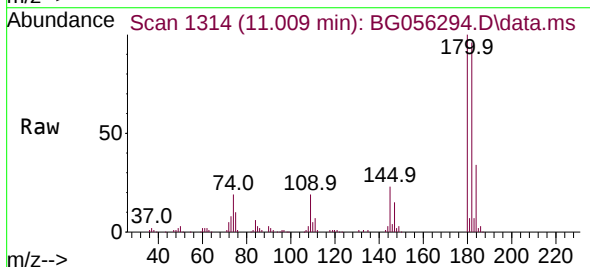
Manual Integrations

APPROVED

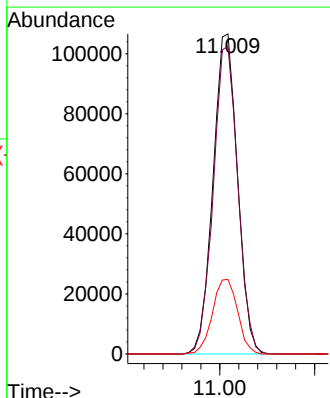
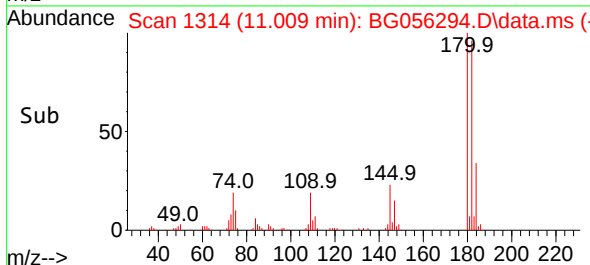
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023

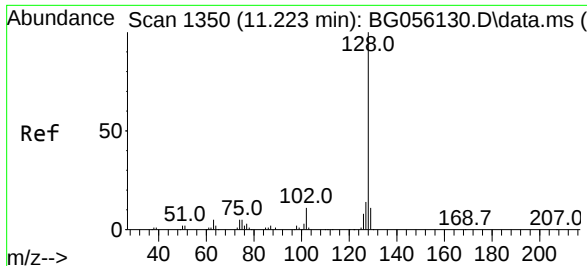


#30
1,2,4-Trichlorobenzene
Concen: 44.413 ng
RT: 11.009 min Scan# 1314
Delta R.T. 0.007 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10



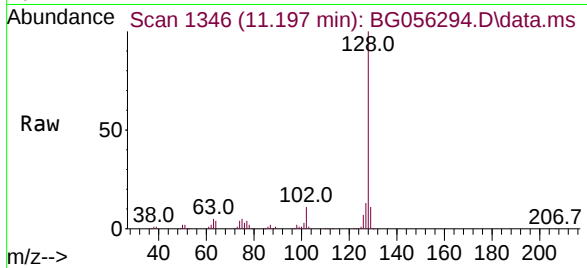
Tgt Ion:180 Resp: 191152
Ion Ratio Lower Upper
180 100
182 96.1 77.0 115.4
145 23.3 17.4 26.2





#31
Naphthalene
Concen: 43.381 ng
RT: 11.197 min Scan# 1346
Delta R.T. -0.005 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10

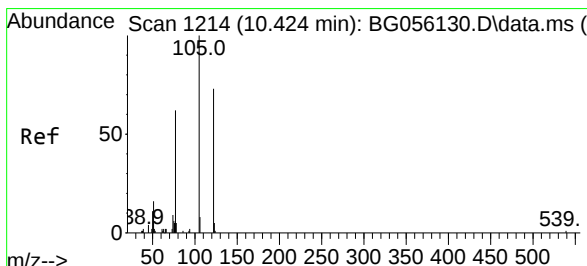
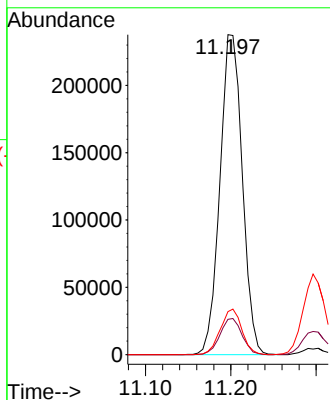
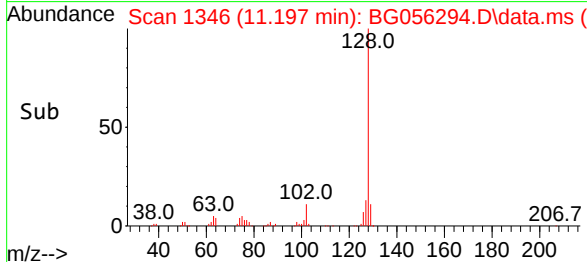
Instrument :
BNA_G
ClientSampleId :
PB150235BS



Tgt Ion:128 Resp: 433198
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.4 11.2 16.8

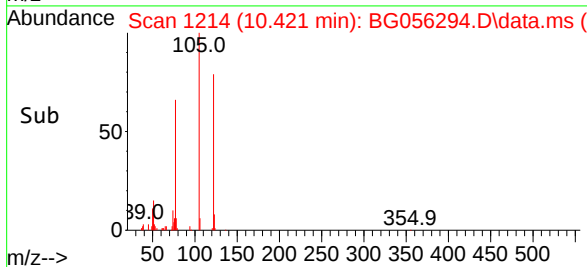
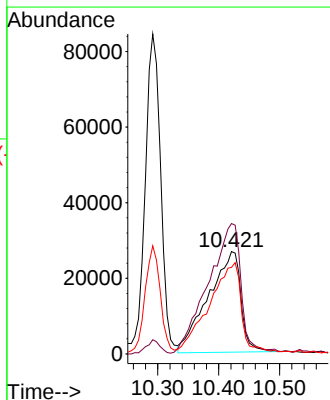
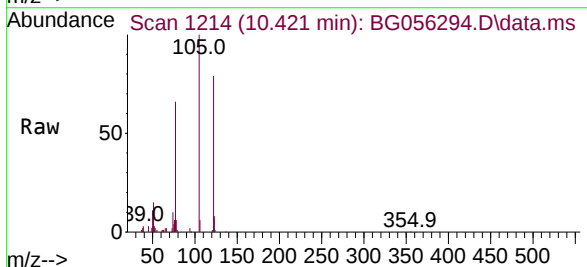
Manual Integrations
APPROVED

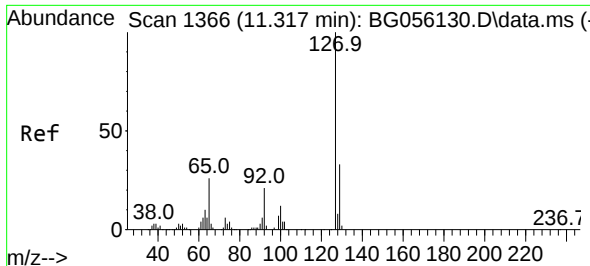
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023



#32
Benzoic acid
Concen: 38.965 ng
RT: 10.421 min Scan# 1214
Delta R.T. 0.007 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10

Tgt Ion:122 Resp: 99181
Ion Ratio Lower Upper
122 100
105 127.4 109.0 149.0
77 84.5 63.1 103.1





#33
4-Chloroaniline
Concen: 22.608 ng
RT: 11.296 min Scan# 1366
Delta R.T. 0.001 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10

Instrument :

BNA_G

ClientSampleId :

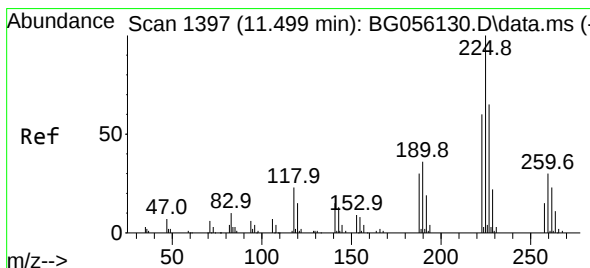
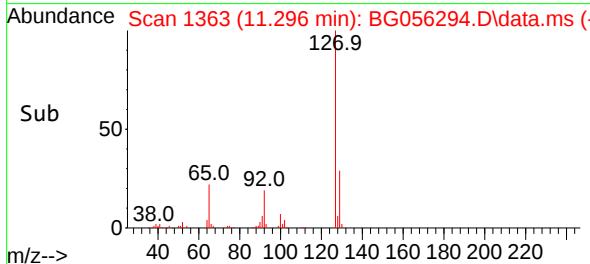
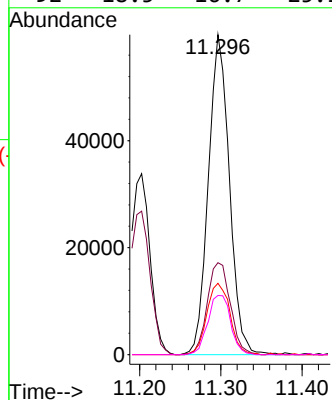
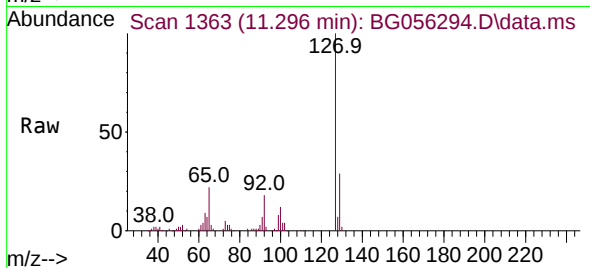
PB150235BS

Tgt Ion:	127	Resp:	10778
Ion Ratio	Lower	Upper	
127	100		
129	28.7	26.1	39.1
65	22.3	20.9	31.3
92	18.5	16.7	25.1

Manual Integrations

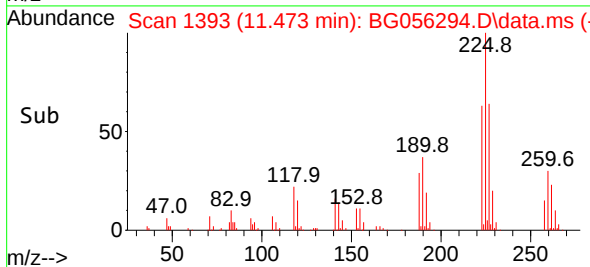
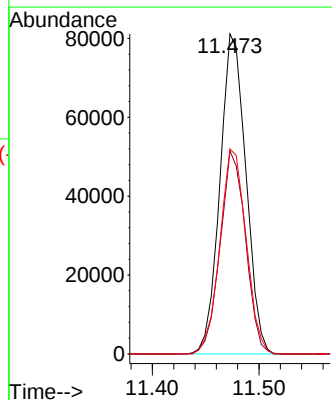
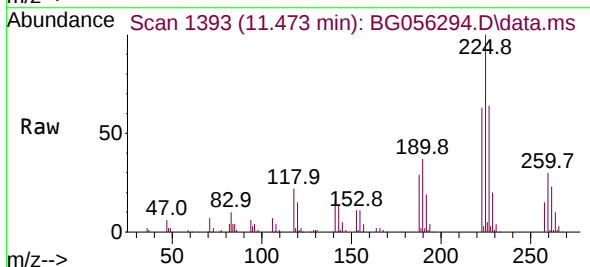
APPROVED

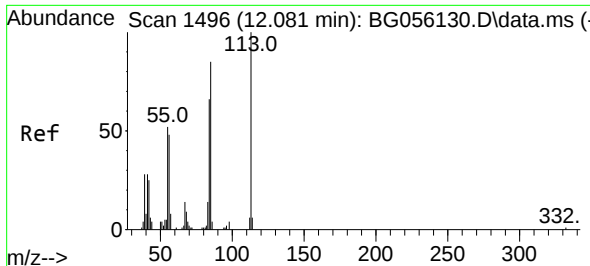
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023



#34
Hexachlorobutadiene
Concen: 44.342 ng
RT: 11.473 min Scan# 1393
Delta R.T. -0.005 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10

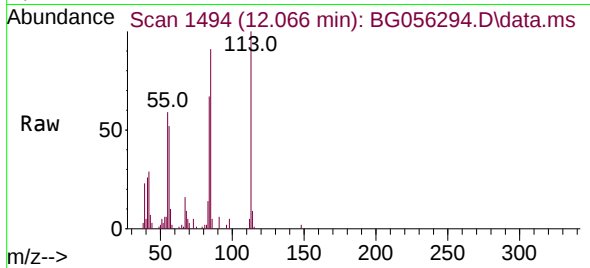
Tgt Ion:	225	Resp:	137258
Ion Ratio	Lower	Upper	
225	100		
223	63.4	47.7	71.5
227	66.8	52.3	78.5





#35
Caprolactam
Concen: 41.113 ng m
RT: 12.066 min Scan# 1496
Delta R.T. 0.007 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10

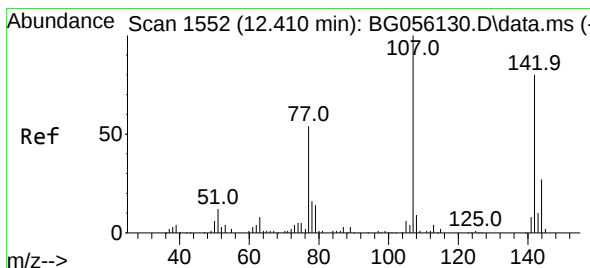
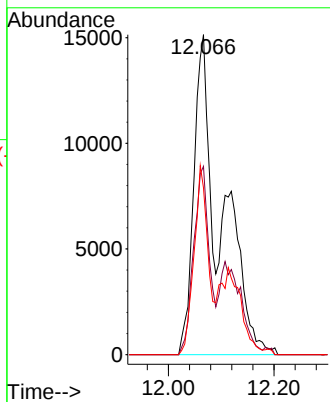
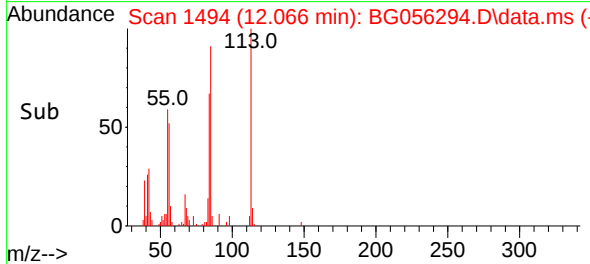
Instrument :
BNA_G
ClientSampleId :
PB150235BS



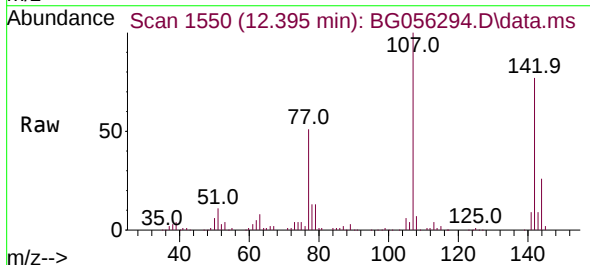
Tgt Ion:113 Resp: 52792
Ion Ratio Lower Upper
113 100
55 58.8 31.9 71.9
56 52.1 27.6 67.6

Manual Integrations
APPROVED

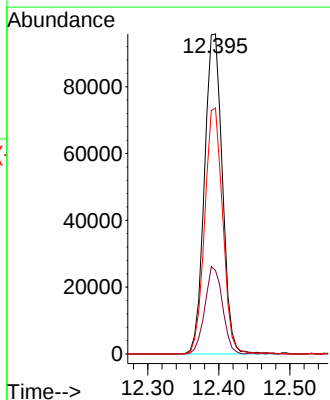
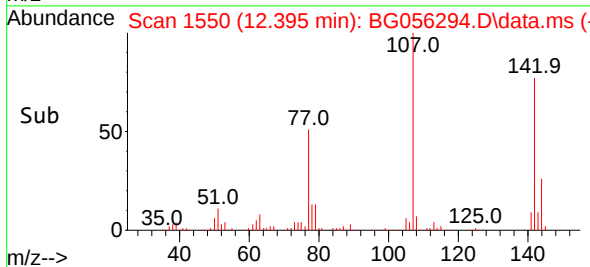
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023

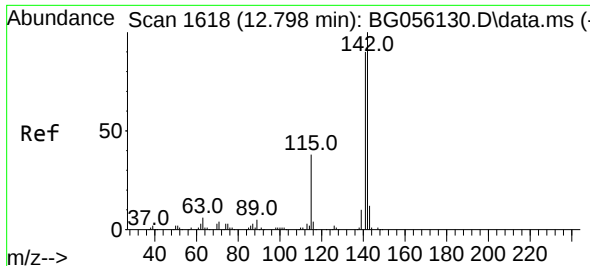


#36
4-Chloro-3-methylphenol
Concen: 43.417 ng
RT: 12.395 min Scan# 1550
Delta R.T. 0.007 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10



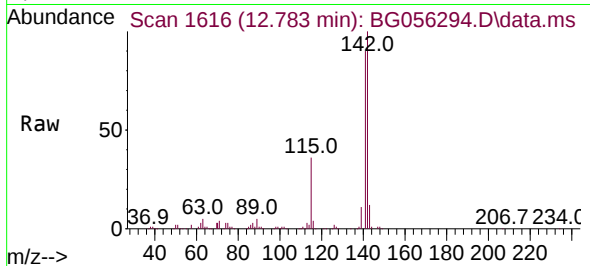
Tgt Ion:107 Resp: 167091
Ion Ratio Lower Upper
107 100
144 26.1 21.5 32.3
142 76.8 63.8 95.6





#37
2-Methylnaphthalene
Concen: 40.084 ng
RT: 12.783 min Scan# 1616
Delta R.T. 0.007 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10

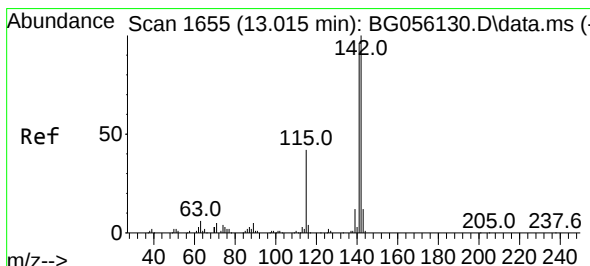
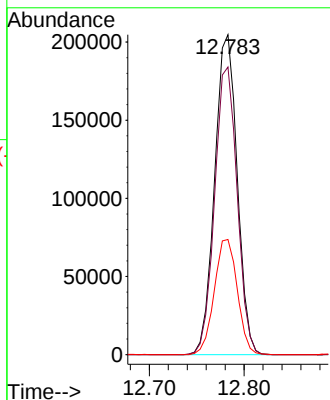
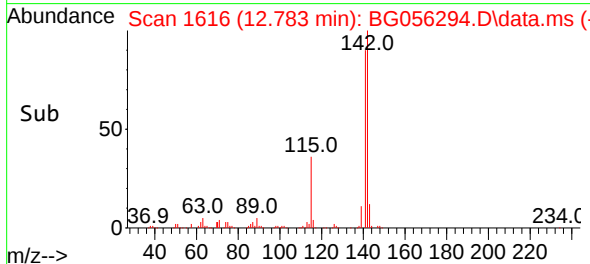
Instrument :
BNA_G
ClientSampleId :
PB150235BS



Tgt Ion:142 Resp: 337978
Ion Ratio Lower Upper
142 100
141 89.9 72.2 108.4
115 36.0 30.7 46.1

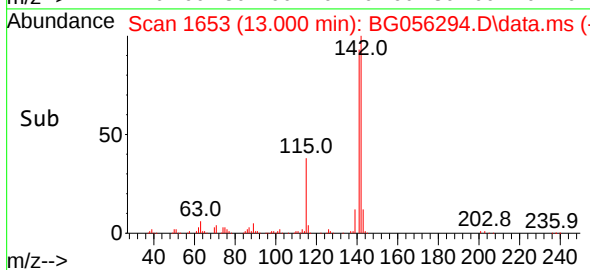
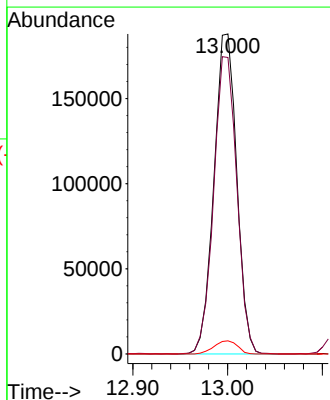
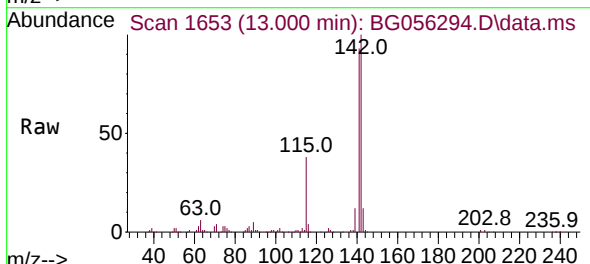
Manual Integrations
APPROVED

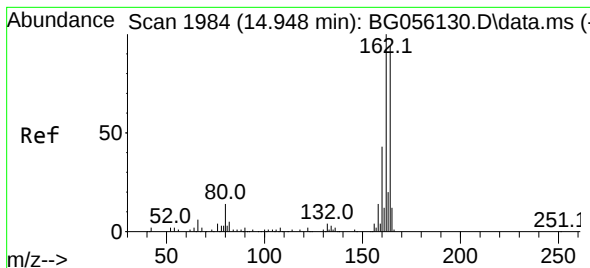
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023



#38
1-Methylnaphthalene
Concen: 40.131 ng
RT: 13.000 min Scan# 1653
Delta R.T. 0.007 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10

Tgt Ion:142 Resp: 314221
Ion Ratio Lower Upper
142 100
141 92.6 77.0 115.6
116 4.1 3.6 5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.933 min Scan# 1984

Delta R.T. 0.007 min

Lab File: BG056294.D

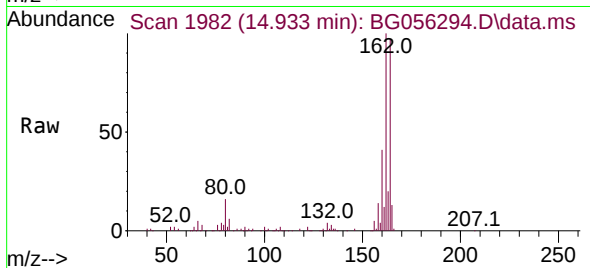
Acq: 16 Jan 2023 13:10

Instrument :

BNA_G

ClientSampleId :

PB150235BS



Tgt Ion:164 Resp: 154390

Ion Ratio Lower Upper

164 100

162 102.7 84.7 127.1

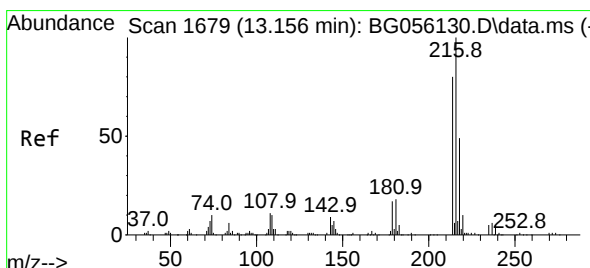
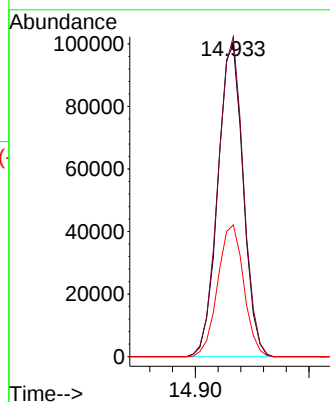
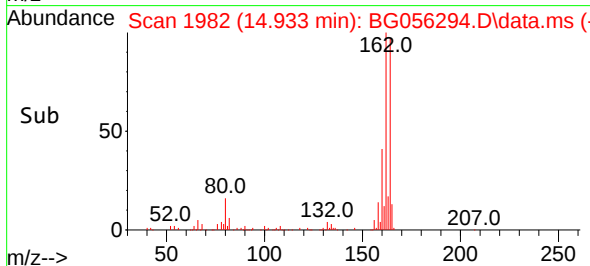
160 42.3 36.3 54.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/17/2023

Supervised By :Jagrut Upadhyay 01/17/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.654 ng

RT: 13.141 min Scan# 1677

Delta R.T. 0.001 min

Lab File: BG056294.D

Acq: 16 Jan 2023 13:10

Tgt Ion:216 Resp: 258388

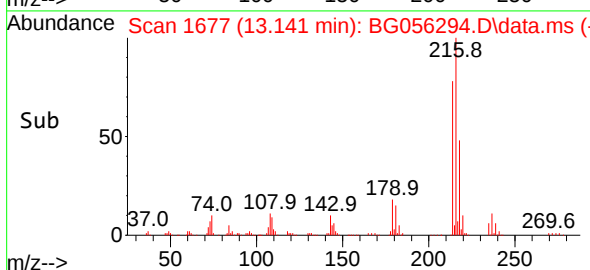
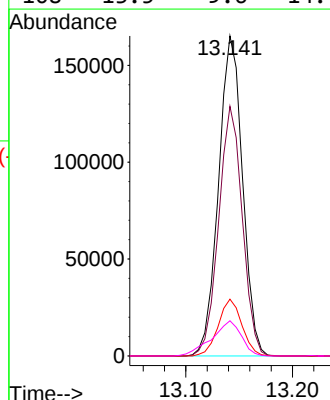
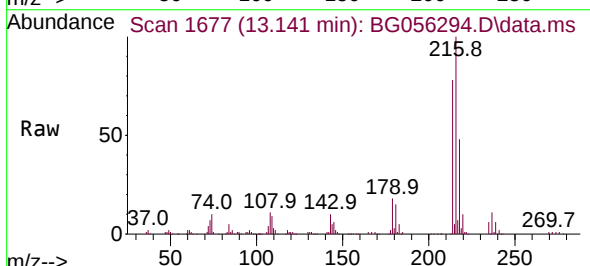
Ion Ratio Lower Upper

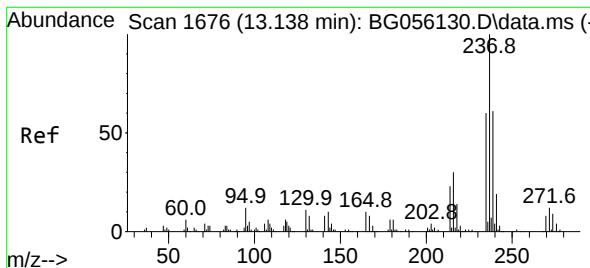
216 100

214 76.8 63.4 95.0

179 17.4 13.6 20.4

108 13.5 9.6 14.4





#41

Hexachlorocyclopentadiene

Concen: 99.917 ng

RT: 13.118 min Scan# 1676

Delta R.T. 0.001 min

Lab File: BG056294.D

Acq: 16 Jan 2023 13:10

Instrument :

BNA_G

ClientSampleId :

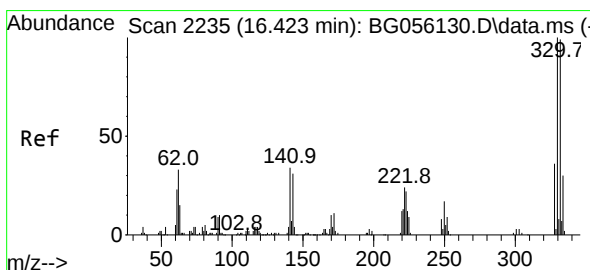
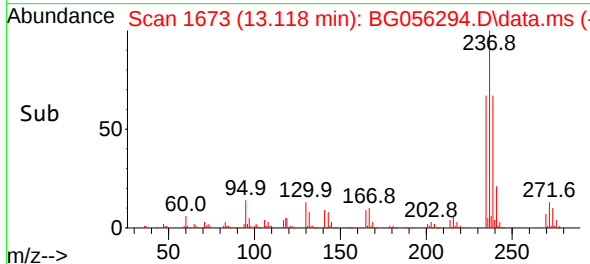
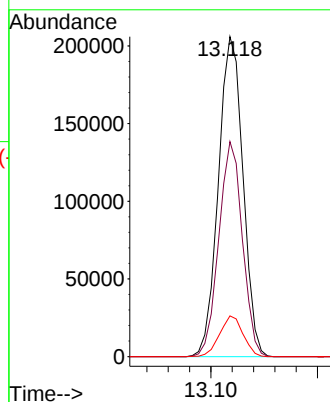
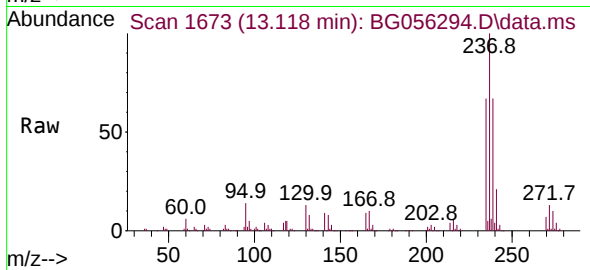
PB150235BS

Tgt Ion:	237	Resp:	329628
Ion Ratio	Lower	Upper	
237	100		
235	67.2	40.3	80.3
272	12.7	0.0	32.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023



#42

2,4,6-Tribromophenol

Concen: 134.514 ng

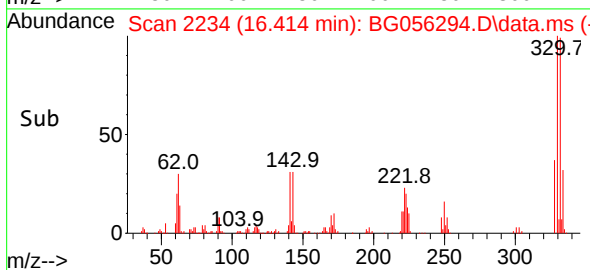
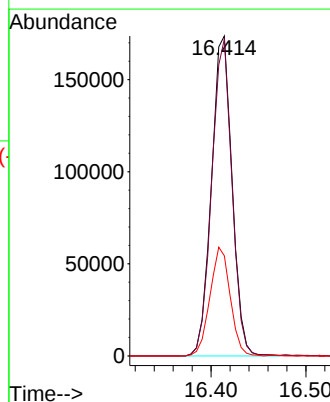
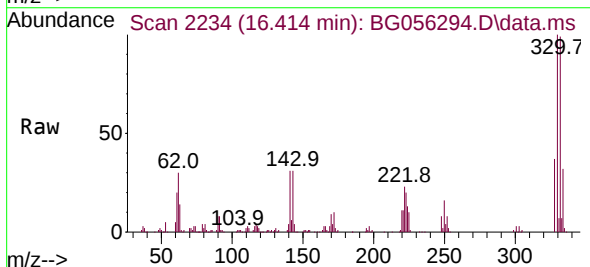
RT: 16.414 min Scan# 2234

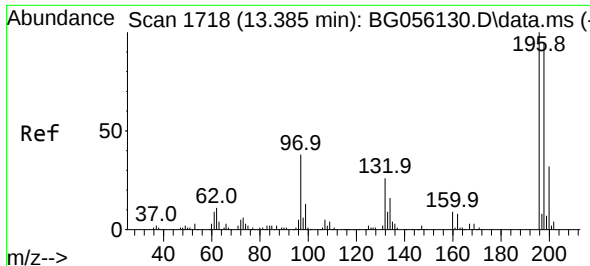
Delta R.T. 0.007 min

Lab File: BG056294.D

Acq: 16 Jan 2023 13:10

Tgt Ion:	330	Resp:	263019
Ion Ratio	Lower	Upper	
330	100		
332	96.8	77.3	115.9
141	33.4	27.9	41.9





#43
2,4,6-Trichlorophenol
Concen: 45.872 ng
RT: 13.371 min Scan# 1718
Delta R.T. 0.001 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10

Instrument :

BNA_G

ClientSampleId :

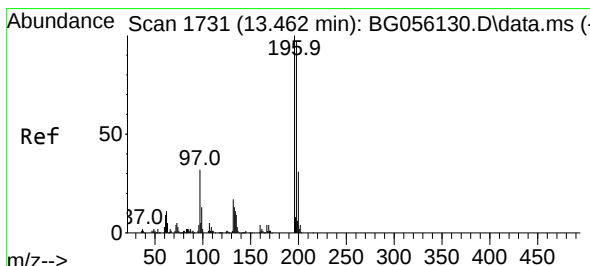
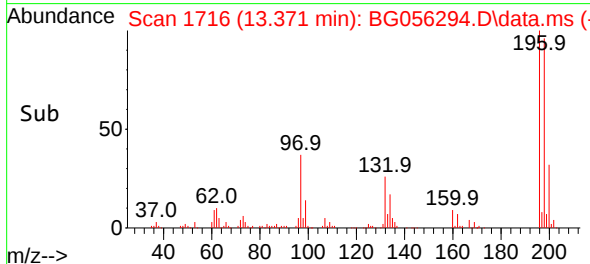
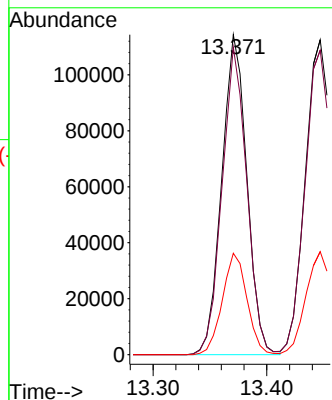
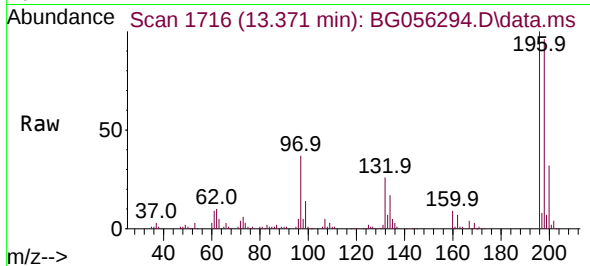
PB150235BS

Tgt Ion:196 Resp: 175519
Ion Ratio Lower Upper
196 100
198 96.1 75.5 113.3
200 31.7 25.7 38.5

Manual Integrations

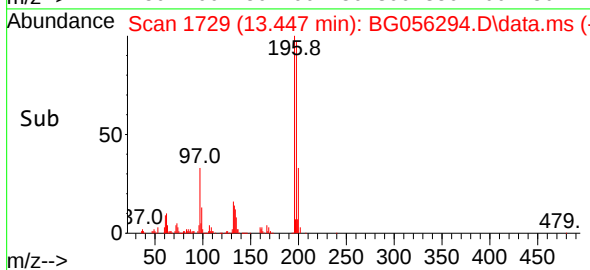
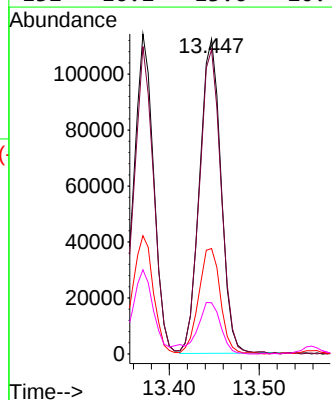
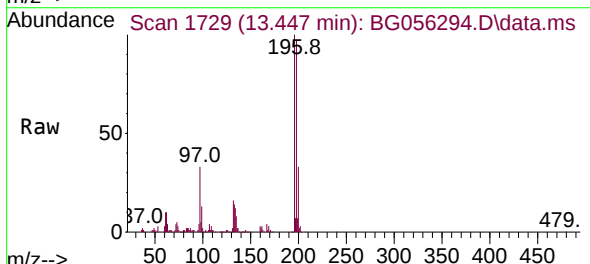
APPROVED

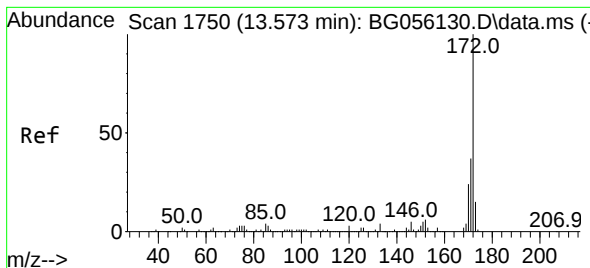
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023



#44
2,4,5-Trichlorophenol
Concen: 41.000 ng
RT: 13.447 min Scan# 1729
Delta R.T. 0.007 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10

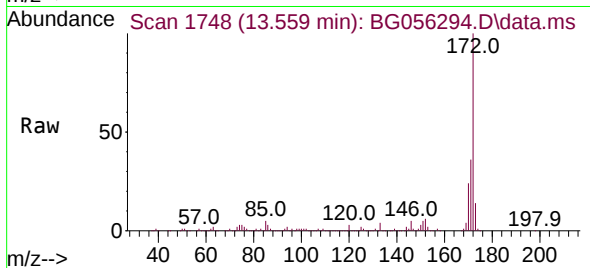
Tgt Ion:196 Resp: 185574
Ion Ratio Lower Upper
196 100
198 96.7 78.0 117.0
97 33.5 25.7 38.5
132 16.2 13.6 20.4





#45
2-Fluorobiphenyl
Concen: 86.517 ng
RT: 13.559 min Scan# 1750
Delta R.T. 0.001 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10

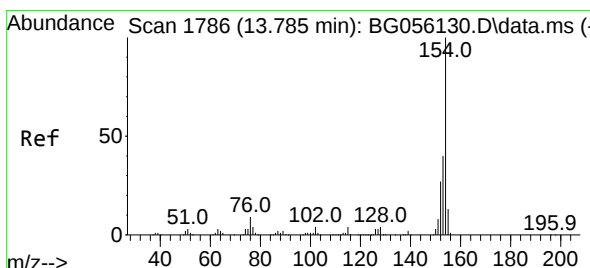
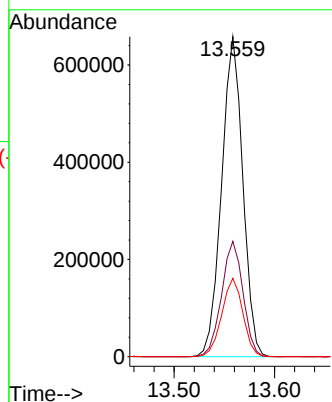
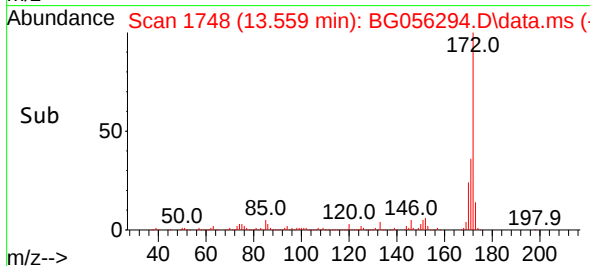
Instrument :
BNA_G
ClientSampleId :
PB150235BS



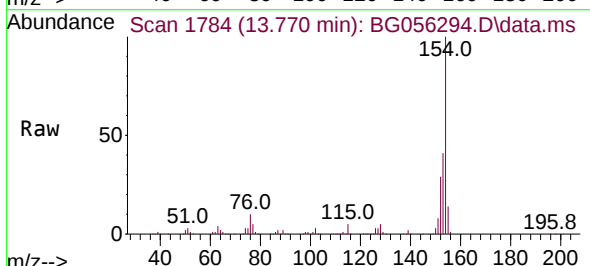
Tgt Ion:172 Resp: 967291
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 24.5 19.4 29.2

Manual Integrations
APPROVED

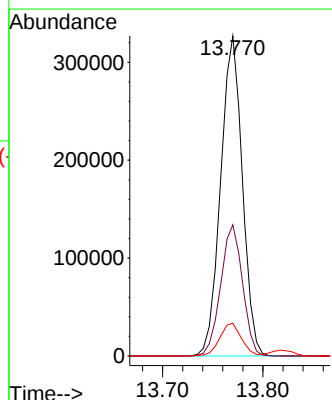
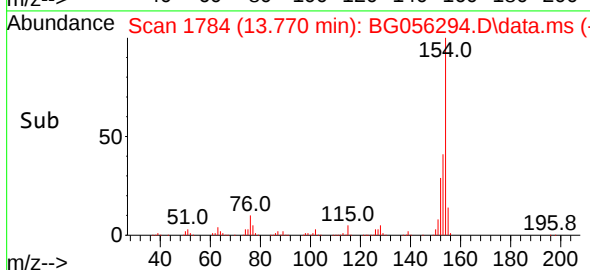
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023

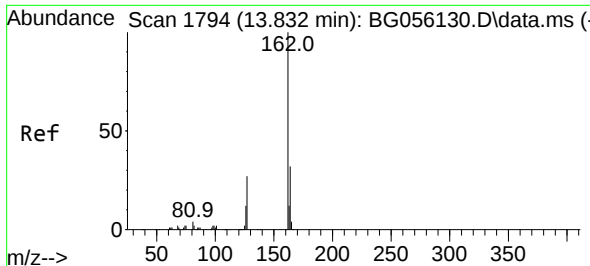


#46
1,1'-Biphenyl
Concen: 44.393 ng
RT: 13.770 min Scan# 1784
Delta R.T. 0.001 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10



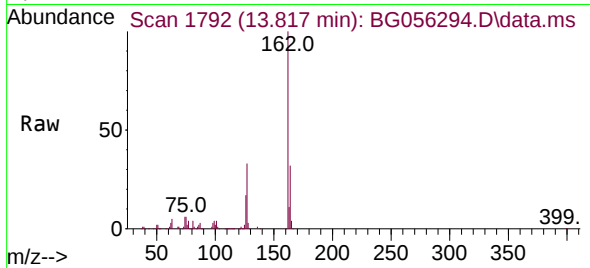
Tgt Ion:154 Resp: 490849
Ion Ratio Lower Upper
154 100
153 41.0 20.0 60.0
76 10.2 0.0 29.3





#47
2-Chloronaphthalene
Concen: 44.887 ng
RT: 13.817 min Scan# 1794
Delta R.T. 0.001 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10

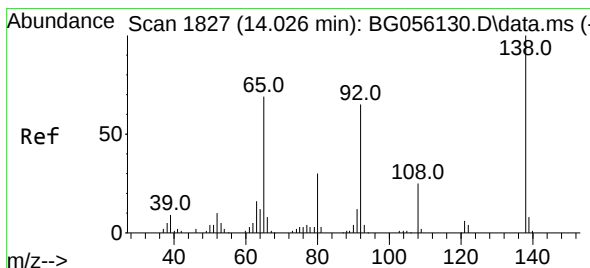
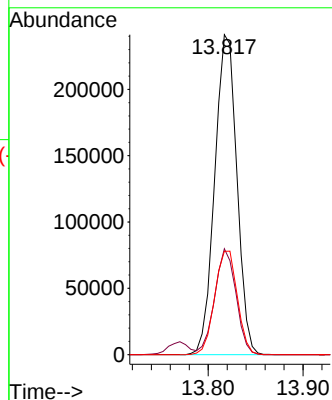
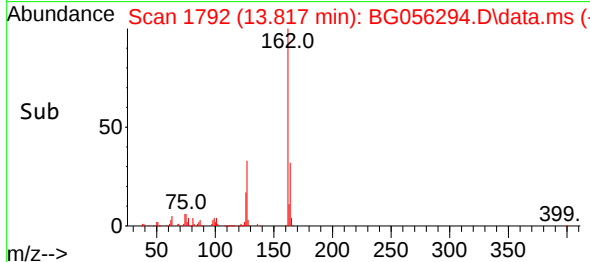
Instrument :
BNA_G
ClientSampleId :
PB150235BS



Tgt Ion:162 Resp: 391745
Ion Ratio Lower Upper
162 100
127 33.1 24.6 36.8
164 32.3 25.8 38.8

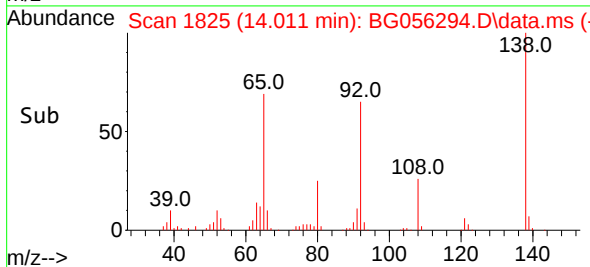
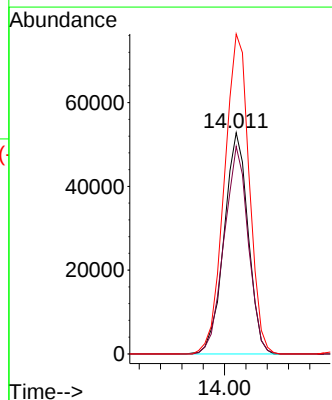
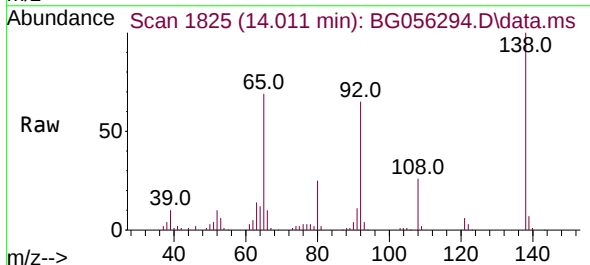
Manual Integrations
APPROVED

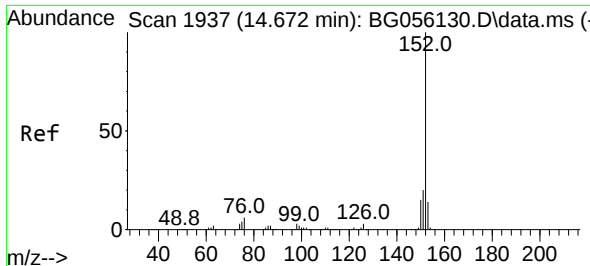
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023



#48
2-Nitroaniline
Concen: 44.416 ng
RT: 14.011 min Scan# 1825
Delta R.T. 0.001 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10

Tgt Ion: 65 Resp: 82590
Ion Ratio Lower Upper
65 100
92 93.7 76.0 114.0
138 144.6 116.6 174.8





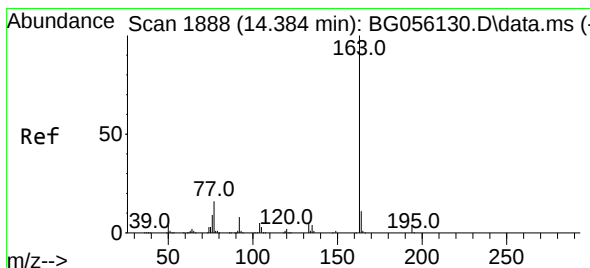
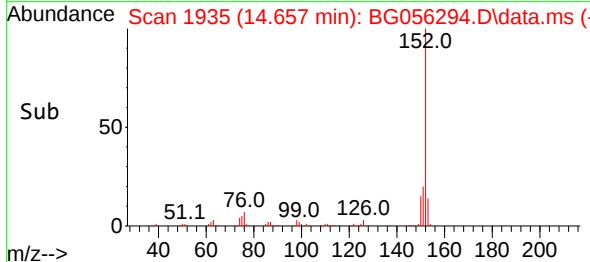
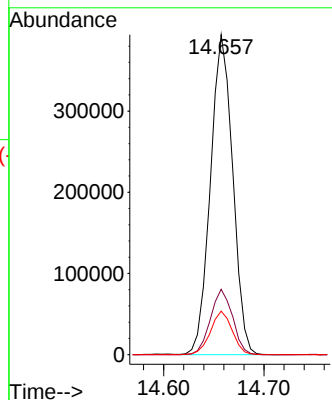
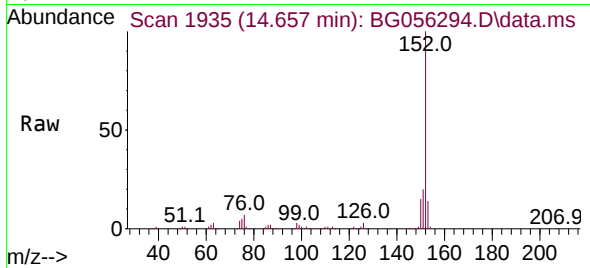
#49
Acenaphthylene
Concen: 42.861 ng
RT: 14.657 min Scan# 1935
Delta R.T. 0.001 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10

Instrument :
BNA_G
ClientSampleId :
PB150235BS

Tgt Ion:152 Resp: 608730
Ion Ratio Lower Upper
152 100
151 20.4 16.0 24.0
153 13.6 11.0 16.6

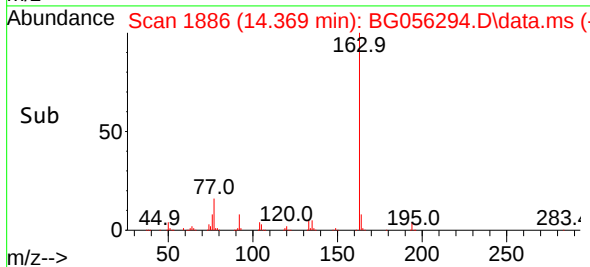
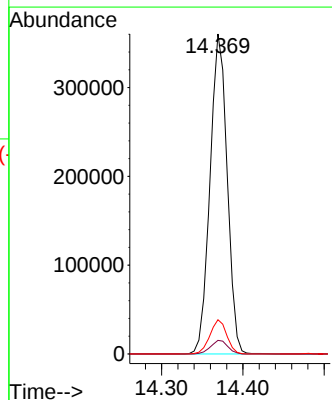
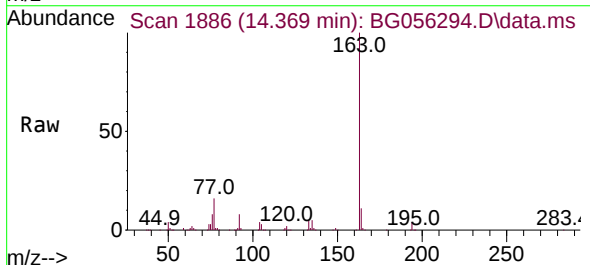
Manual Integrations
APPROVED

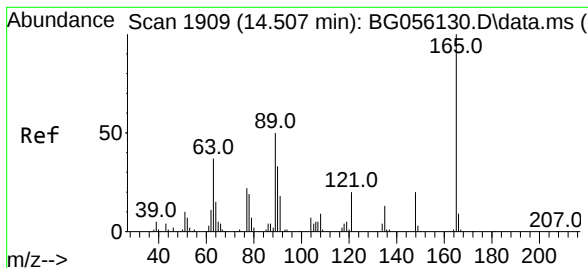
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023



#50
Dimethylphthalate
Concen: 42.478 ng
RT: 14.369 min Scan# 1886
Delta R.T. 0.001 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10

Tgt Ion:163 Resp: 529410
Ion Ratio Lower Upper
163 100
194 4.2 3.5 5.3
164 10.7 8.7 13.1





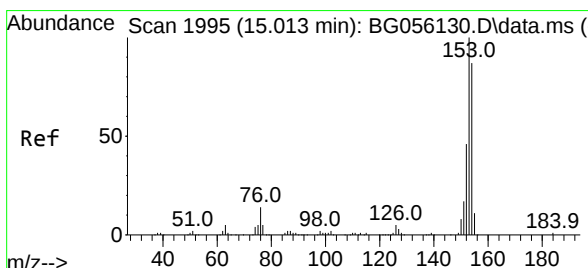
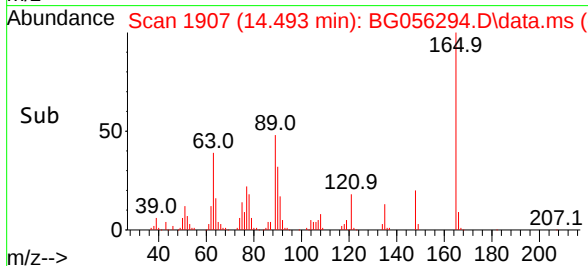
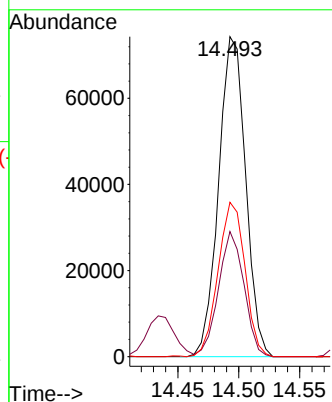
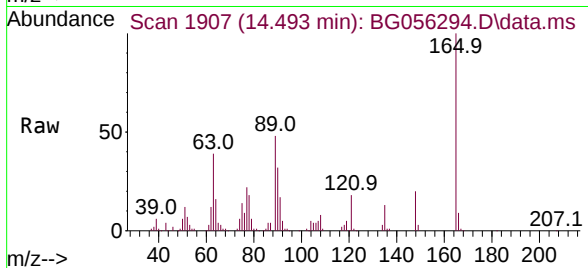
#51
2,6-Dinitrotoluene
Concen: 43.132 ng
RT: 14.493 min Scan# 1907
Delta R.T. 0.001 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10

Instrument :
BNA_G
ClientSampleId :
PB150235BS

Tgt Ion:165 Resp: 114546
Ion Ratio Lower Upper
165 100
63 39.1 32.2 48.2
89 48.2 39.8 59.8

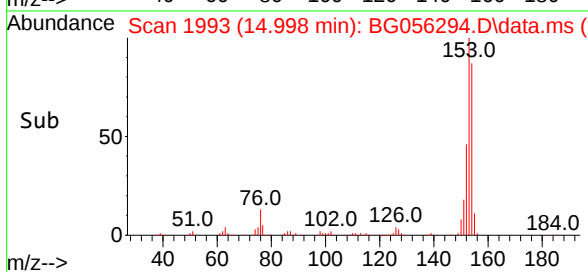
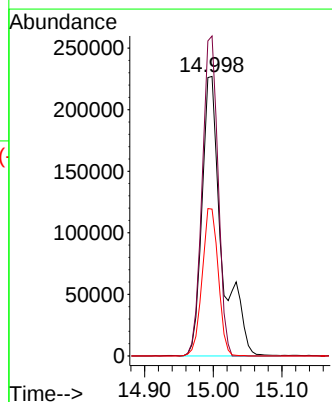
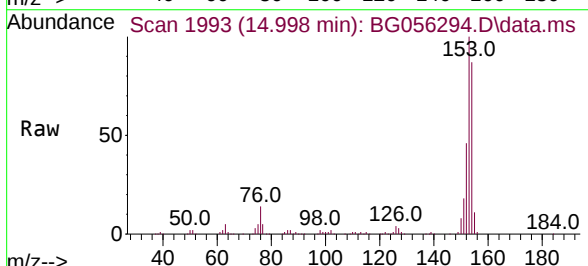
Manual Integrations
APPROVED

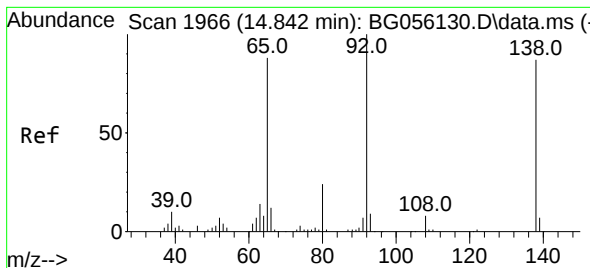
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023



#52
Acenaphthene
Concen: 49.220 ng m
RT: 14.998 min Scan# 1993
Delta R.T. 0.007 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10

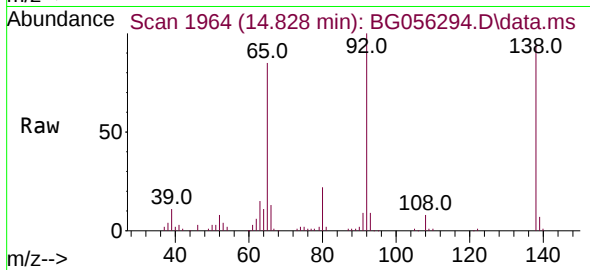
Tgt Ion:154 Resp: 454646
Ion Ratio Lower Upper
154 100
153 114.5 92.0 138.0
152 52.6 42.5 63.7





#53
3-Nitroaniline
Concen: 30.840 ng
RT: 14.828 min Scan# 1964
Delta R.T. 0.007 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10

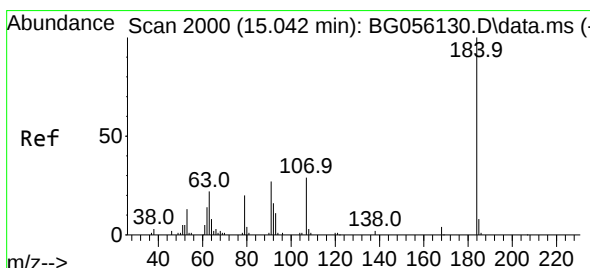
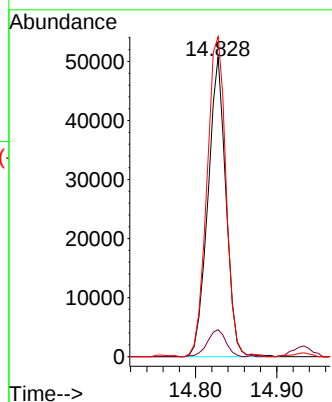
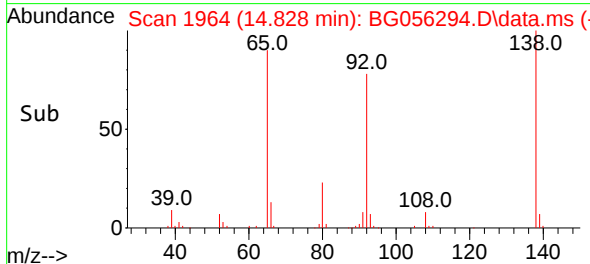
Instrument :
BNA_G
ClientSampleId :
PB150235BS



Tgt Ion:138 Resp: 77947
Ion Ratio Lower Upper
138 100
108 9.0 7.6 11.4
92 106.7 91.7 137.5

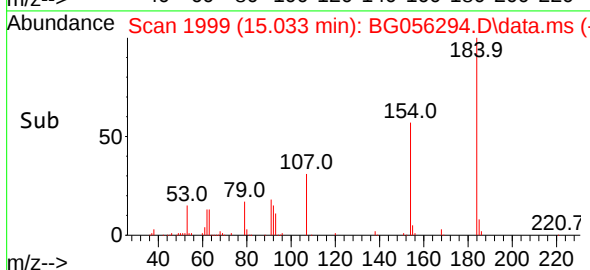
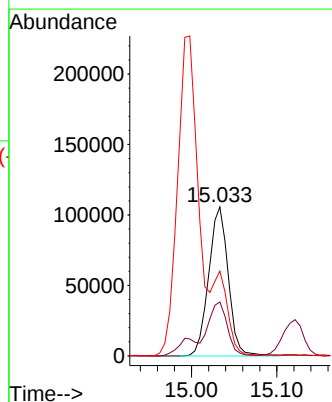
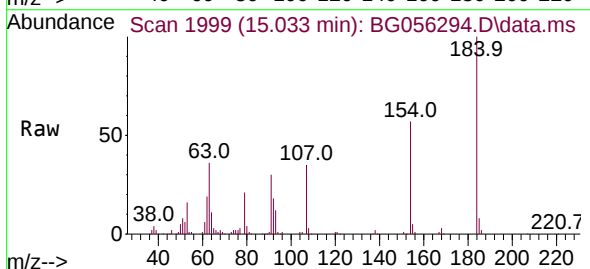
Manual Integrations
APPROVED

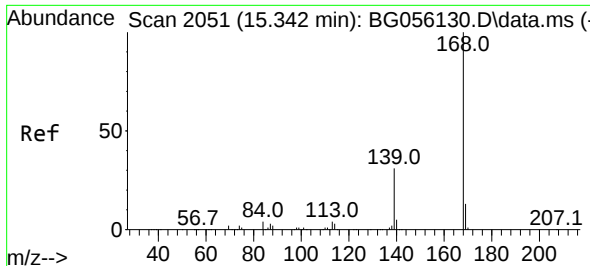
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023



#54
2,4-Dinitrophenol
Concen: 88.813 ng
RT: 15.033 min Scan# 1999
Delta R.T. 0.007 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10

Tgt Ion:184 Resp: 168497
Ion Ratio Lower Upper
184 100
63 36.1 24.0 36.0#
154 56.9 45.4 68.0





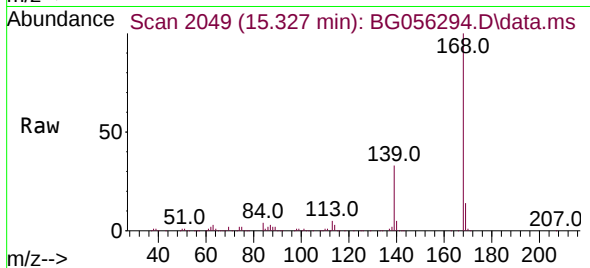
#55
Dibenzofuran
Concen: 42.507 ng
RT: 15.327 min Scan# 2051
Delta R.T. 0.001 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10

Instrument :

BNA_G

ClientSampleId :

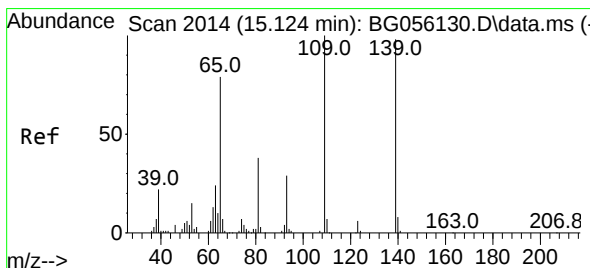
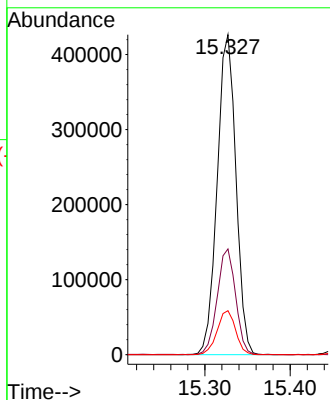
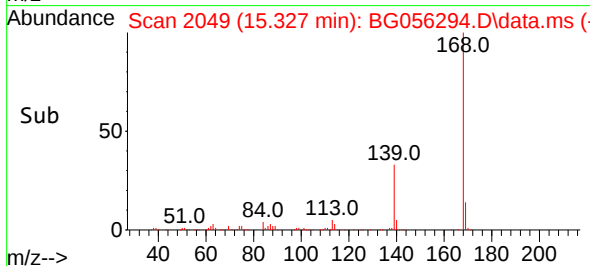
PB150235BS



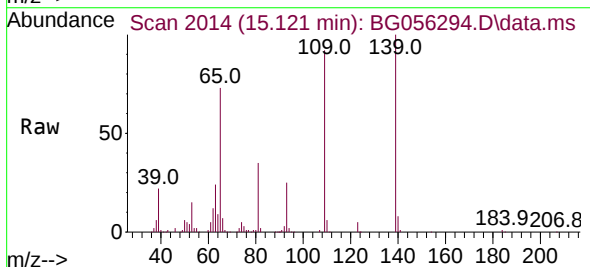
Tgt Ion:168 Resp: 649739
Ion Ratio Lower Upper
168 100
139 33.0 24.7 37.1
169 13.7 10.3 15.5

Manual Integrations
APPROVED

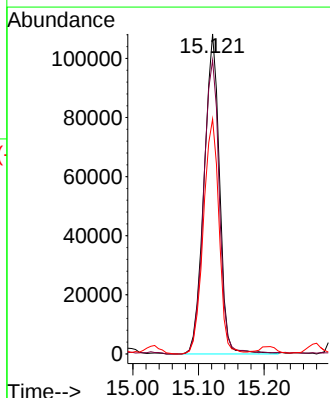
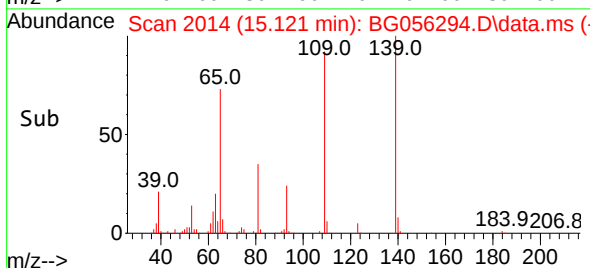
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023

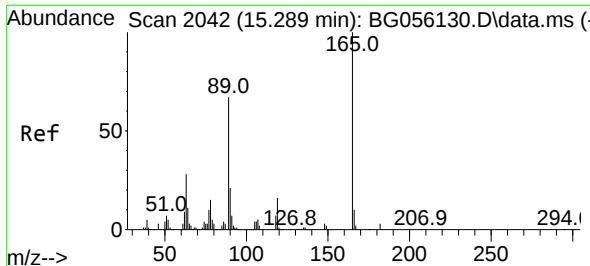


#56
4-Nitrophenol
Concen: 91.036 ng
RT: 15.121 min Scan# 2014
Delta R.T. 0.013 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10



Tgt Ion:139 Resp: 176960
Ion Ratio Lower Upper
139 100
109 91.8 82.2 122.2
65 73.4 60.6 100.6





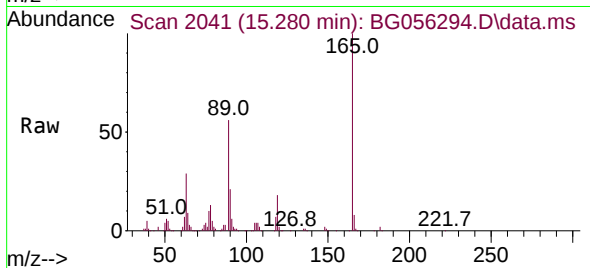
#57
2,4-Dinitrotoluene
Concen: 44.475 ng
RT: 15.280 min Scan# 2041
Delta R.T. 0.007 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10

Instrument :

BNA_G

ClientSampleId :

PB150235BS

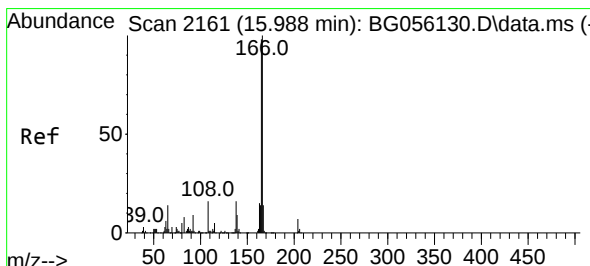
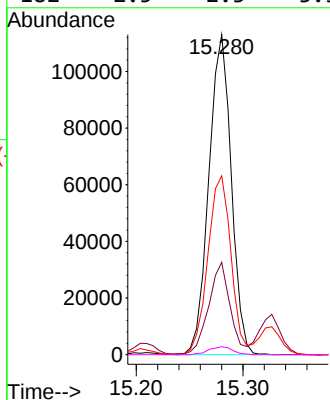
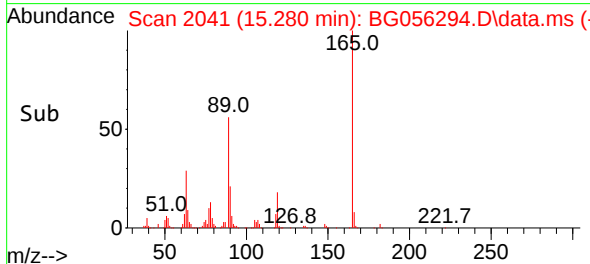


Tgt Ion:165 Resp: 165182
Ion Ratio Lower Upper
165 100
63 28.8 22.6 34.0
89 55.9 53.2 79.8
182 2.5 2.3 3.5

Manual Integrations

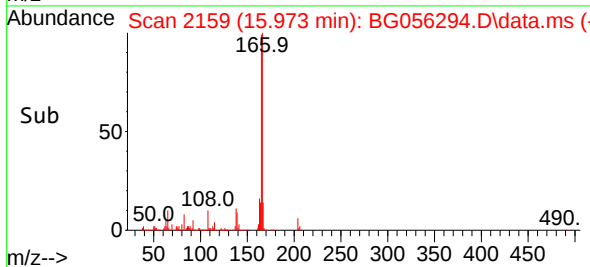
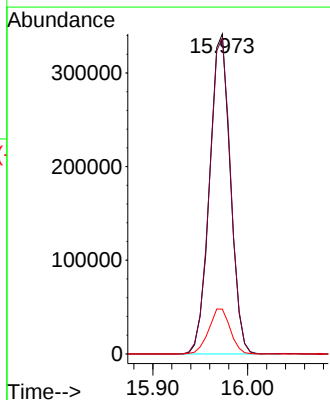
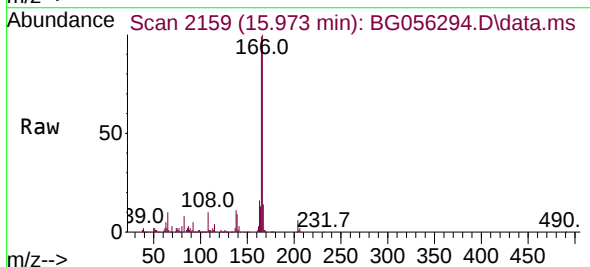
APPROVED

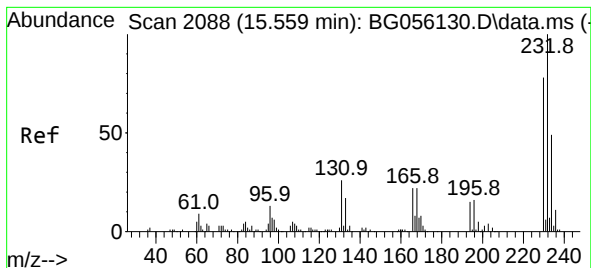
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023



#58
Fluorene
Concen: 42.275 ng
RT: 15.973 min Scan# 2159
Delta R.T. 0.007 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10

Tgt Ion:166 Resp: 519742
Ion Ratio Lower Upper
166 100
165 98.7 78.6 118.0
167 14.0 11.1 16.7





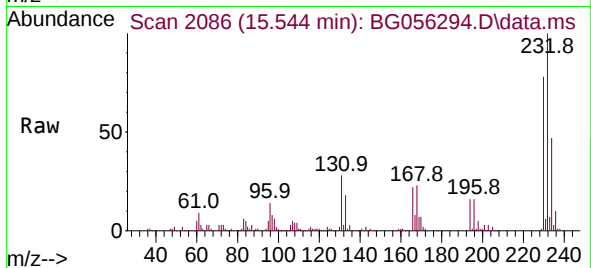
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.297 ng
RT: 15.544 min Scan# 2086
Delta R.T. 0.001 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10

Instrument :

BNA_G

ClientSampleId :

PB150235BS

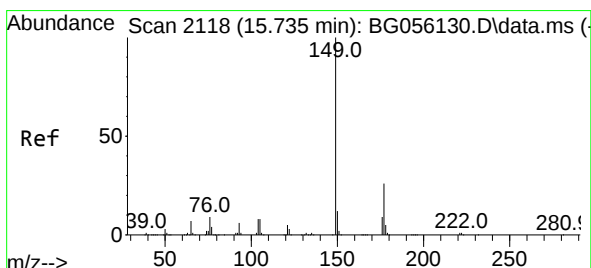
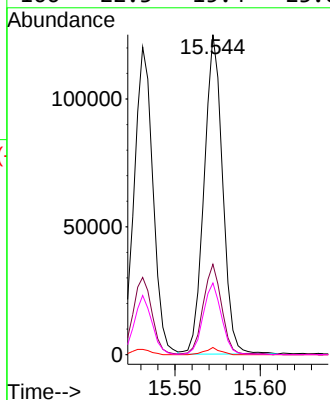
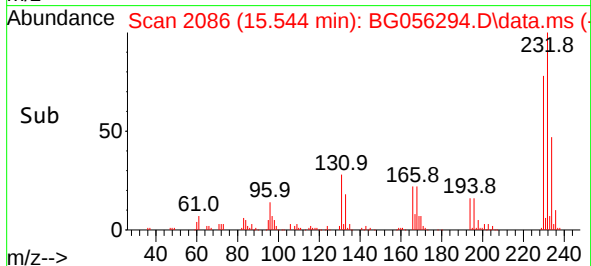


Tgt Ion:232 Resp: 18825
Ion Ratio Lower Upper
232 100
131 28.3 21.4 32.2
130 1.8 1.4 2.0
166 22.3 15.4 23.0

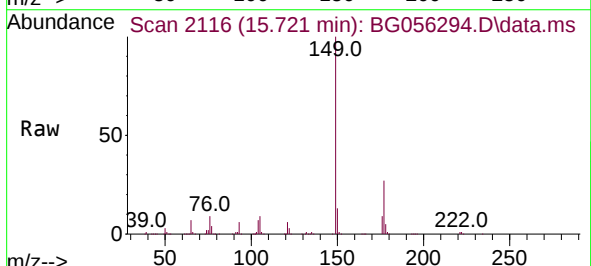
Manual Integrations

APPROVED

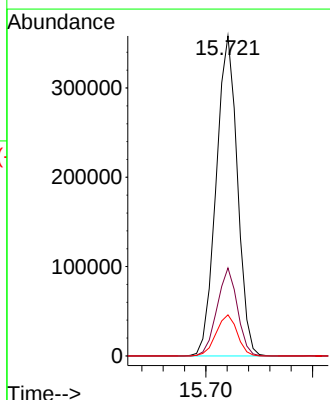
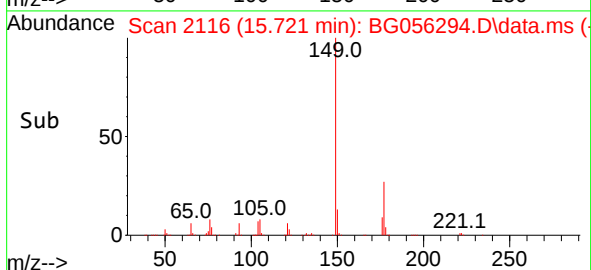
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023

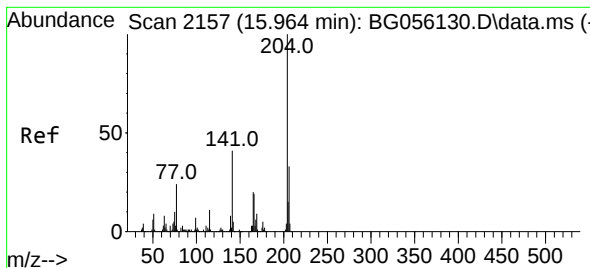


#60
Diethylphthalate
Concen: 42.393 ng
RT: 15.721 min Scan# 2116
Delta R.T. 0.001 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10



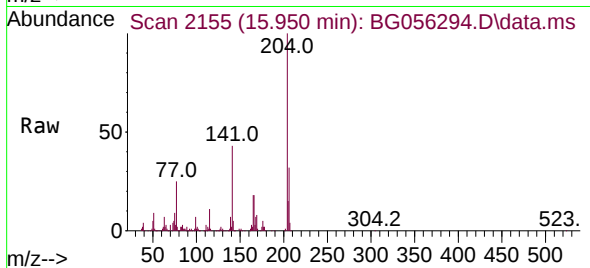
Tgt Ion:149 Resp: 495501
Ion Ratio Lower Upper
149 100
177 27.5 20.6 31.0
150 12.8 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 42.440 ng
RT: 15.950 min Scan# 2155
Delta R.T. 0.001 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10

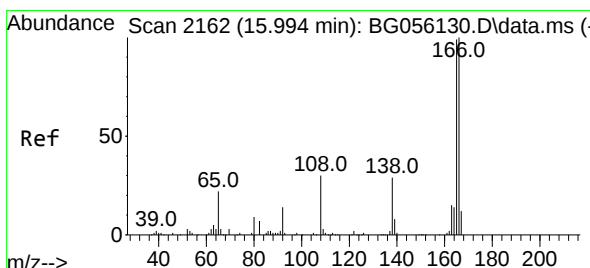
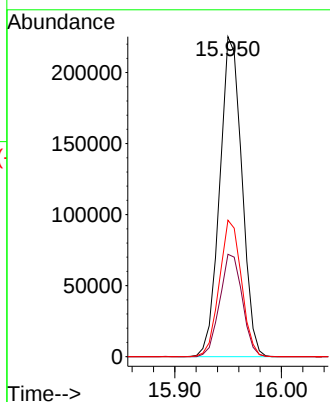
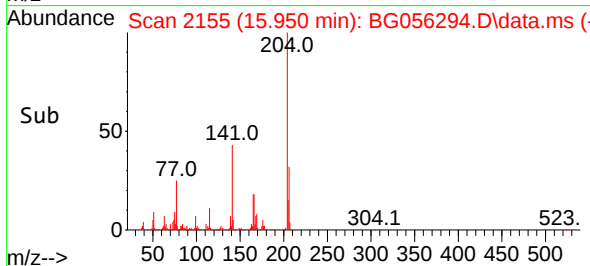
Instrument :
BNA_G
ClientSampleId :
PB150235BS



Tgt Ion:204 Resp: 325625
Ion Ratio Lower Upper
204 100
206 32.0 26.4 39.6
141 42.6 33.0 49.4

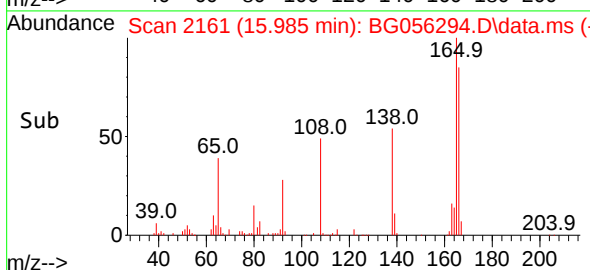
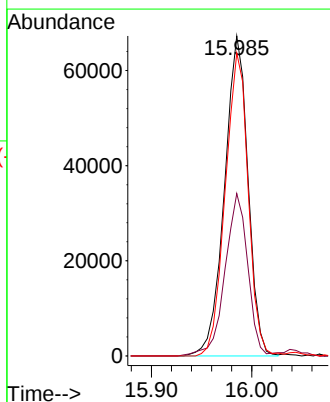
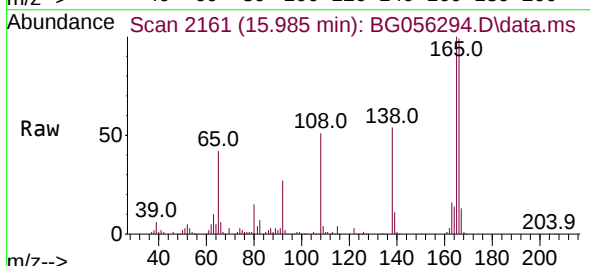
Manual Integrations
APPROVED

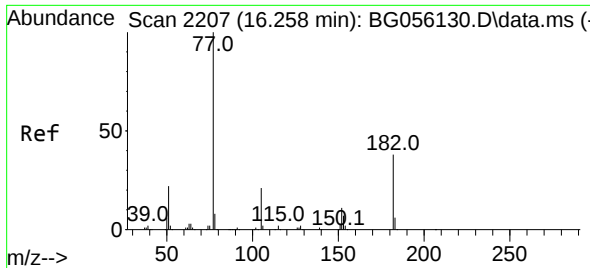
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023



#62
4-Nitroaniline
Concen: 42.297 ng
RT: 15.985 min Scan# 2161
Delta R.T. 0.001 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10

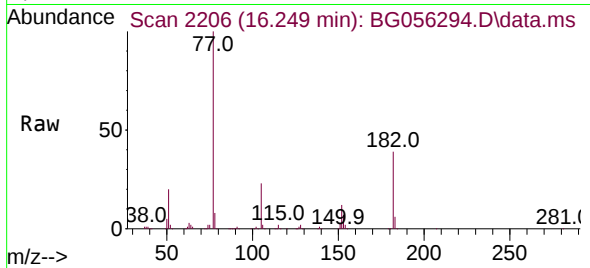
Tgt Ion:138 Resp: 109507
Ion Ratio Lower Upper
138 100
92 50.7 28.6 68.6
108 94.7 83.4 123.4





#63
Azobenzene
Concen: 42.203 ng
RT: 16.249 min Scan# 2207
Delta R.T. 0.007 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10

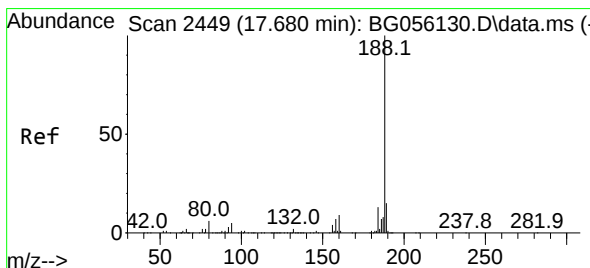
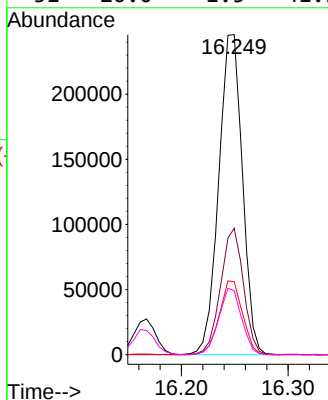
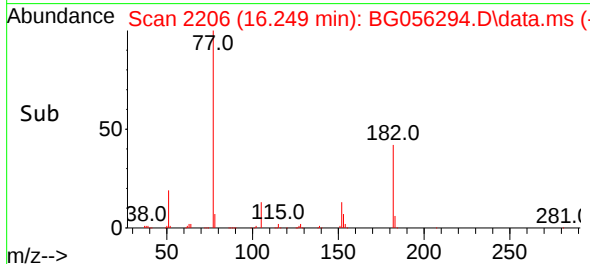
Instrument :
BNA_G
ClientSampleId :
PB150235BS



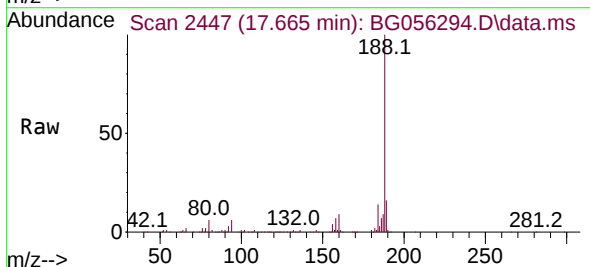
Tgt Ion: 77 Resp: 380653
Ion Ratio Lower Upper
77 100
182 39.5 18.5 58.5
105 22.8 1.4 41.4
51 20.0 1.5 41.5

Manual Integrations
APPROVED

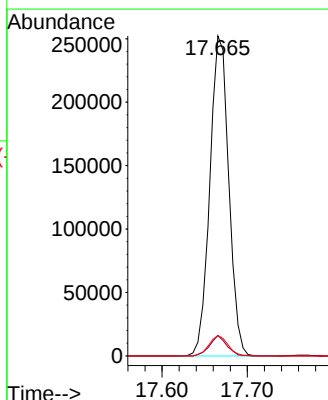
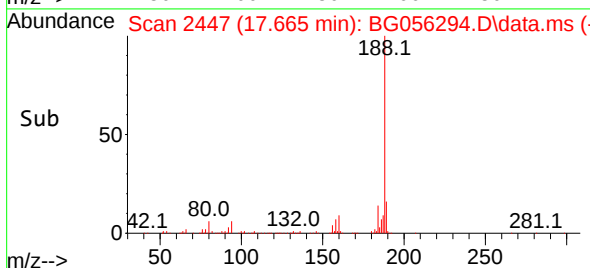
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023

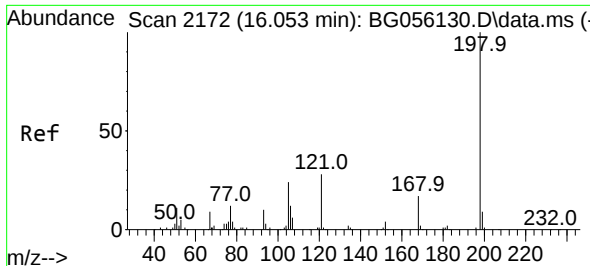


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.665 min Scan# 2447
Delta R.T. 0.001 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10



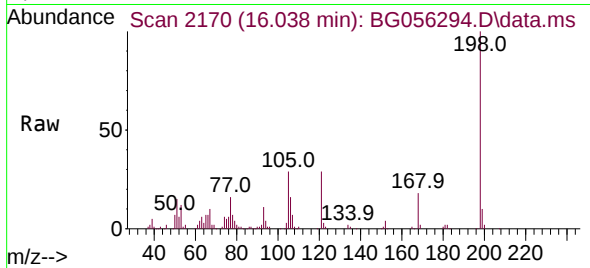
Tgt Ion:188 Resp: 388072
Ion Ratio Lower Upper
188 100
94 6.4 4.2 6.2#
80 6.4 5.0 7.4





#65
4,6-Dinitro-2-methylphenol
Concen: 43.367 ng
RT: 16.038 min Scan# 2172
Delta R.T. 0.001 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10

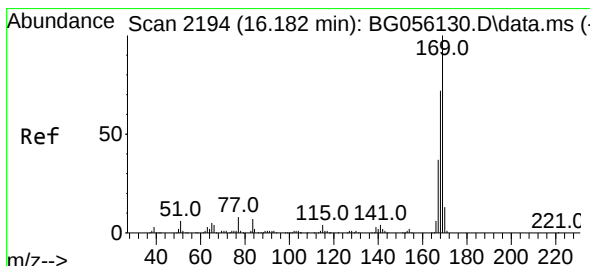
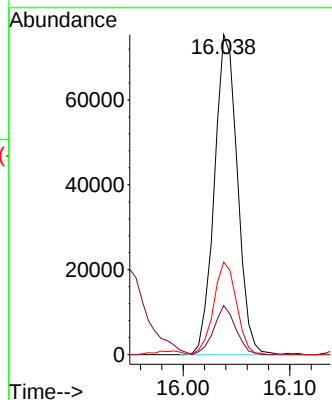
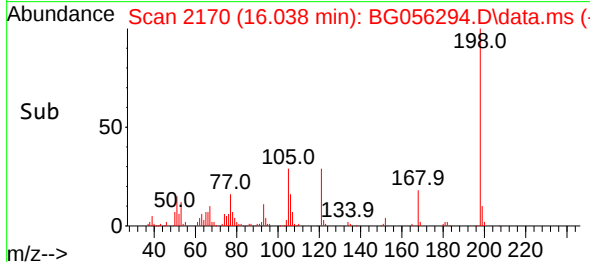
Instrument :
BNA_G
ClientSampleId :
PB150235BS



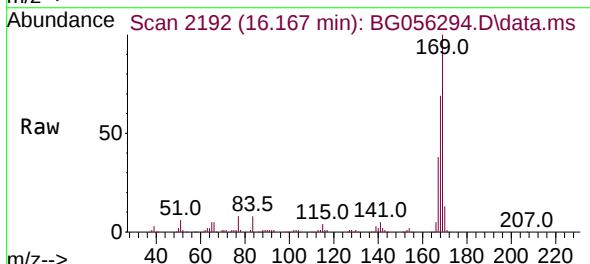
Tgt Ion:198 Resp: 113386
Ion Ratio Lower Upper
198 100
51 15.3 0.0 33.2
105 28.9 4.9 44.9

Manual Integrations
APPROVED

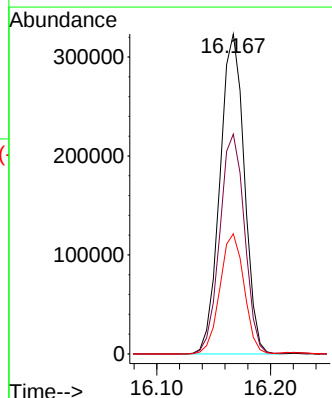
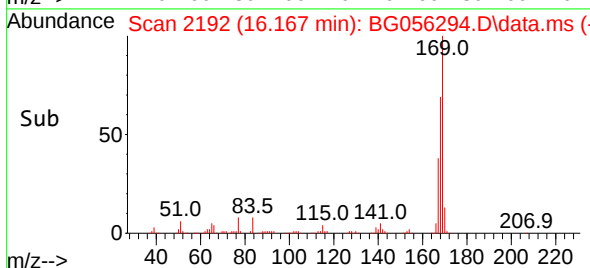
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023

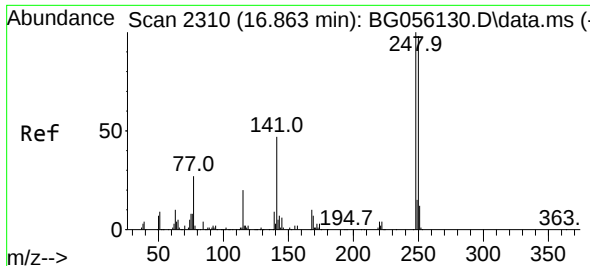


#66
n-Nitrosodiphenylamine
Concen: 44.705 ng
RT: 16.167 min Scan# 2192
Delta R.T. 0.001 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10



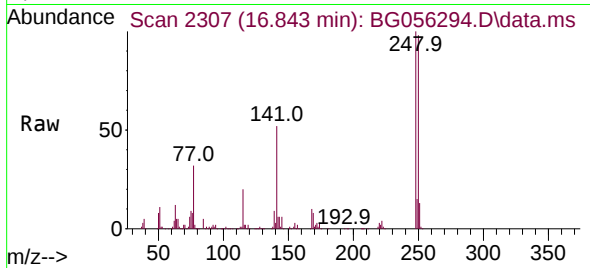
Tgt Ion:169 Resp: 481349
Ion Ratio Lower Upper
169 100
168 68.7 58.0 87.0
167 37.5 30.0 45.0





#67
4-Bromophenyl-phenylether
Concen: 44.278 ng
RT: 16.843 min Scan# 2310
Delta R.T. -0.005 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10

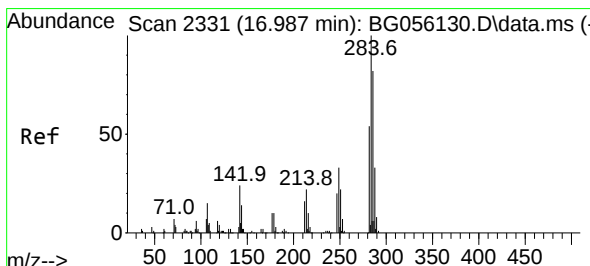
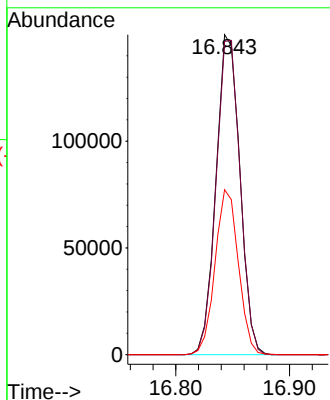
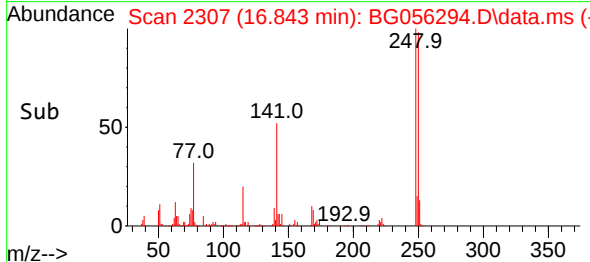
Instrument :
BNA_G
ClientSampleId :
PB150235BS



Tgt Ion:248 Resp: 218808
Ion Ratio Lower Upper
248 100
250 97.9 78.2 117.4
141 51.5 37.6 56.4

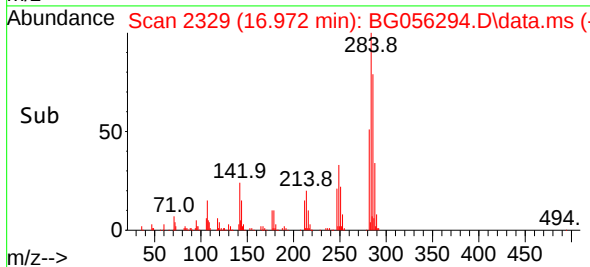
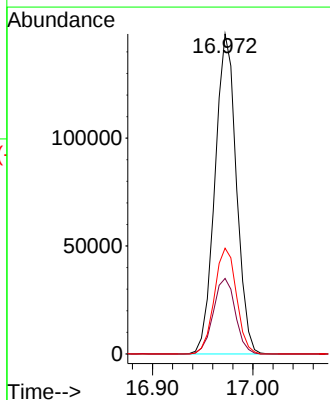
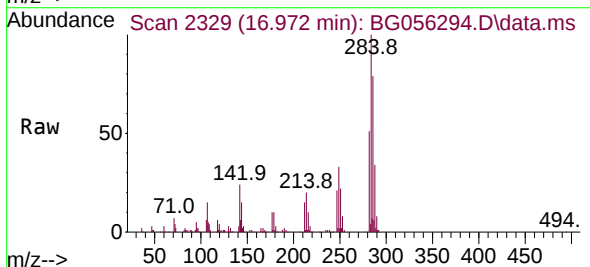
Manual Integrations
APPROVED

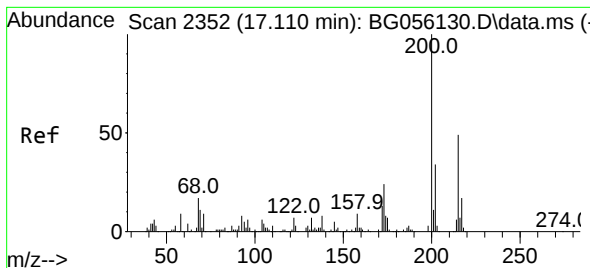
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023



#68
Hexachlorobenzene
Concen: 47.689 ng
RT: 16.972 min Scan# 2329
Delta R.T. 0.001 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10

Tgt Ion:284 Resp: 219872
Ion Ratio Lower Upper
284 100
142 23.6 19.0 28.6
249 33.1 26.6 39.8





#69

Atrazine

Concen: 53.583 ng

RT: 17.101 min Scan# 2351

Delta R.T. 0.007 min

Lab File: BG056294.D

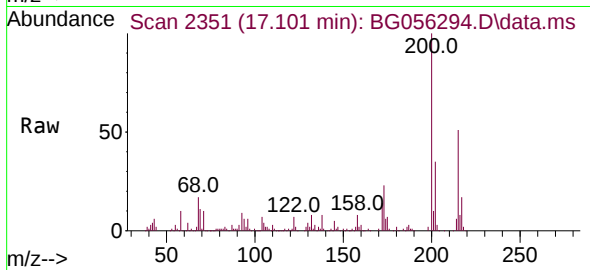
Acq: 16 Jan 2023 13:10

Instrument :

BNA_G

ClientSampleId :

PB150235BS



Tgt Ion:200 Resp: 239106

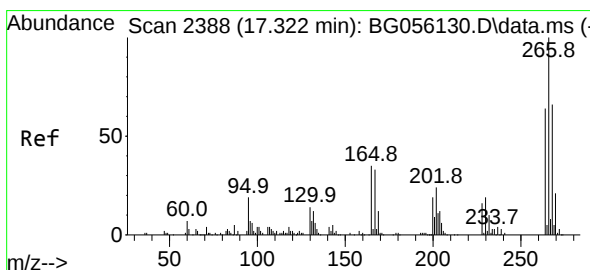
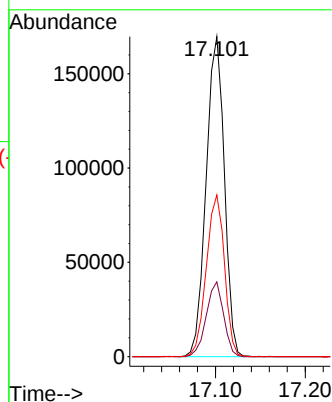
Ion	Ratio	Lower	Upper
200	100		
173	23.4	4.0	44.0
215	50.5	29.1	69.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/17/2023

Supervised By :Jagrut Upadhyay 01/17/2023



#70

Pentachlorophenol

Concen: 81.606 ng

RT: 17.313 min Scan# 2387

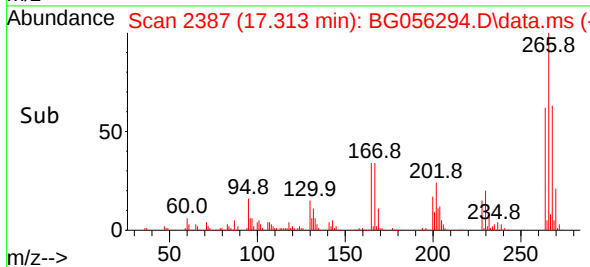
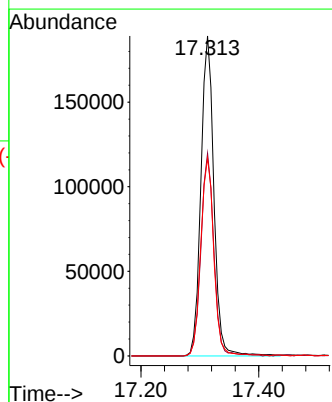
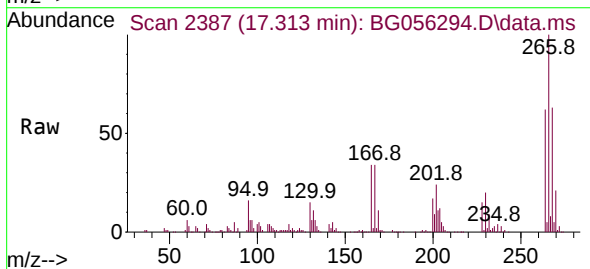
Delta R.T. 0.007 min

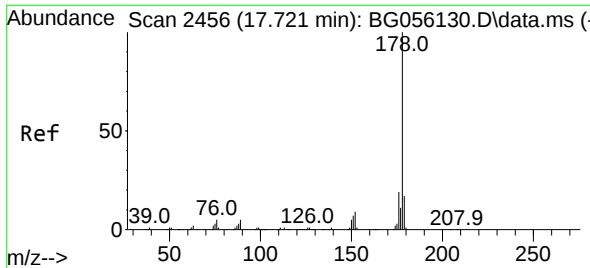
Lab File: BG056294.D

Acq: 16 Jan 2023 13:10

Tgt Ion:266 Resp: 289018

Ion	Ratio	Lower	Upper
266	100		
268	63.3	53.0	79.4
264	61.9	51.4	77.2





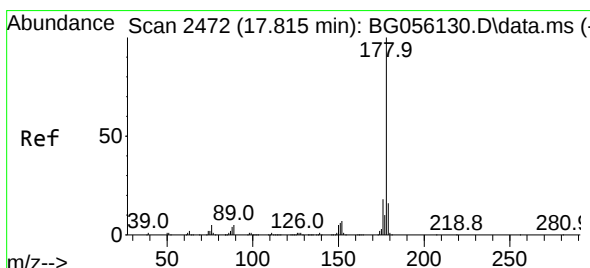
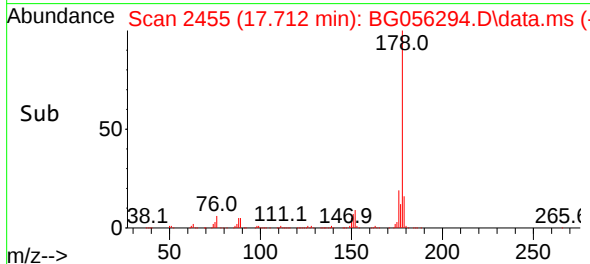
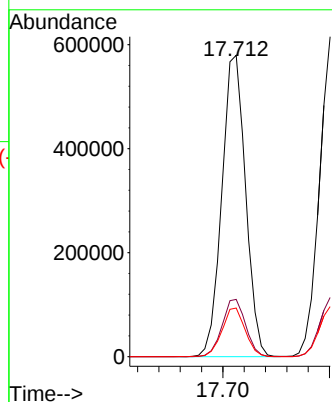
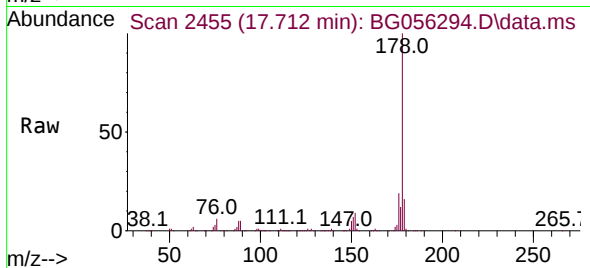
#71
Phenanthrene
Concen: 44.656 ng
RT: 17.712 min Scan# 2456
Delta R.T. 0.001 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10

Instrument :
BNA_G
ClientSampleId :
PB150235BS

Tgt Ion:178 Resp: 898091
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 16.1 13.6 20.4

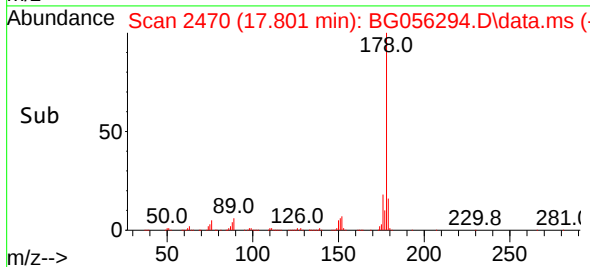
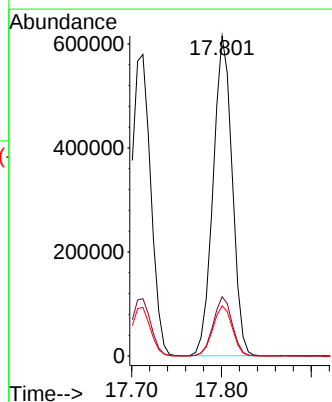
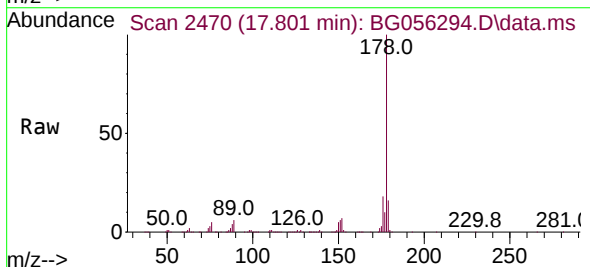
Manual Integrations
APPROVED

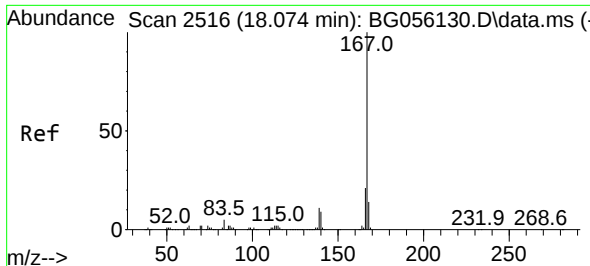
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023



#72
Anthracene
Concen: 43.934 ng
RT: 17.801 min Scan# 2470
Delta R.T. 0.001 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10

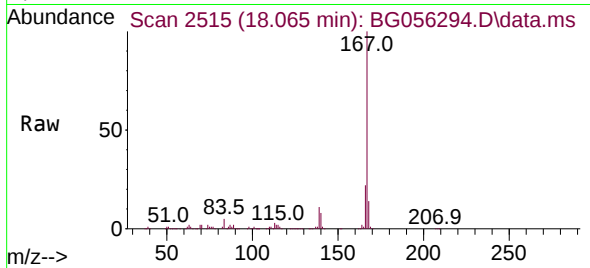
Tgt Ion:178 Resp: 911451
Ion Ratio Lower Upper
178 100
176 18.5 14.6 22.0
179 15.6 12.7 19.1





#73
 Carbazole
 Concen: 45.112 ng
 RT: 18.065 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG056294.D
 Acq: 16 Jan 2023 13:10

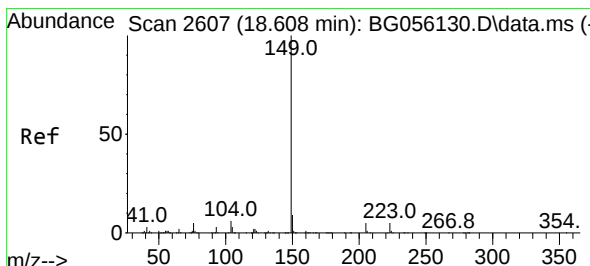
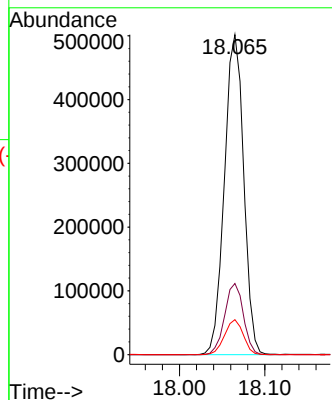
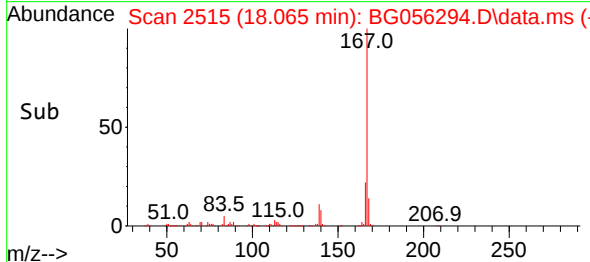
Instrument :
 BNA_G
 ClientSampleId :
 PB150235BS



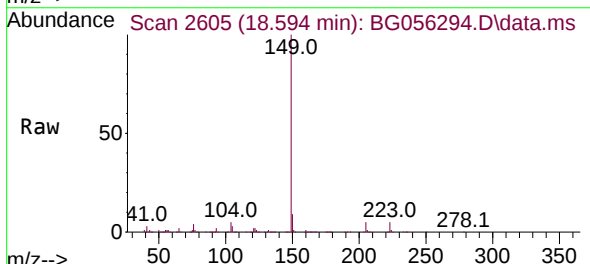
Tgt Ion:167 Resp: 786684
 Ion Ratio Lower Upper
 167 100
 166 22.2 16.8 25.2
 139 10.9 8.9 13.3

Manual Integrations
 APPROVED

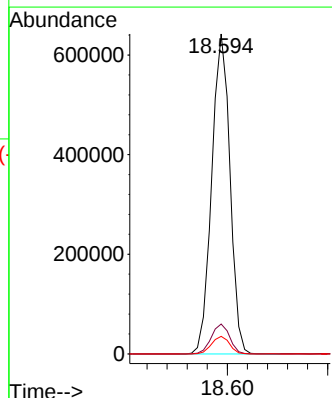
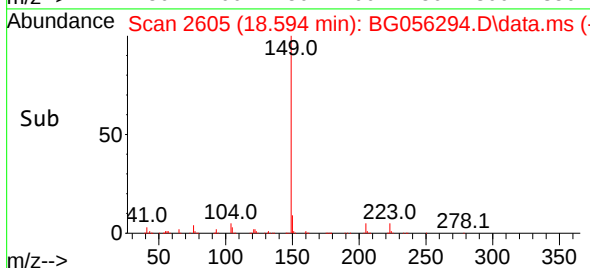
Reviewed By :Christian Giraldo 01/17/2023
 Supervised By :Jagrut Upadhyay 01/17/2023

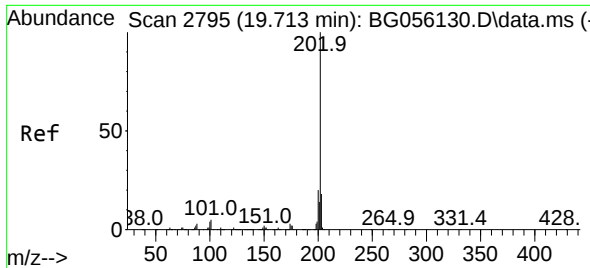


#74
 Di-n-butylphthalate
 Concen: 46.613 ng
 RT: 18.594 min Scan# 2605
 Delta R.T. 0.001 min
 Lab File: BG056294.D
 Acq: 16 Jan 2023 13:10



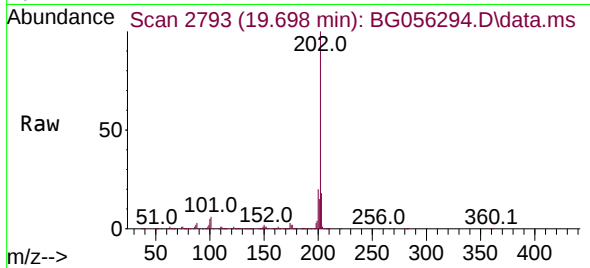
Tgt Ion:149 Resp: 810302
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 5.5 4.4 6.6





#75
Fluoranthene
Concen: 42.884 ng
RT: 19.698 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10

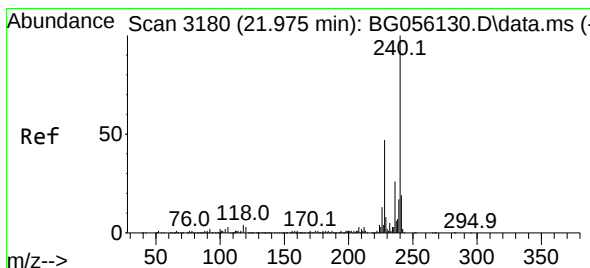
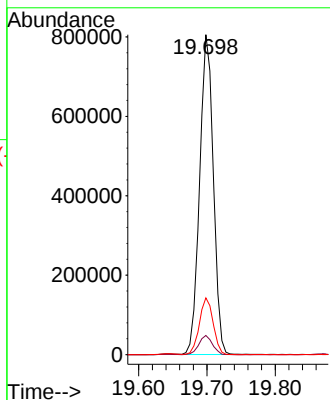
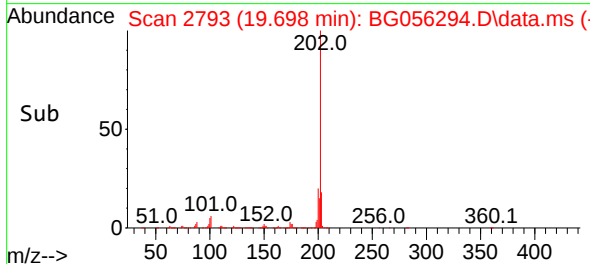
Instrument :
BNA_G
ClientSampleId :
PB150235BS



Tgt Ion:202 Resp: 1124980
Ion Ratio Lower Upper
202 100
101 6.0 0.0 25.0
203 17.7 0.0 38.0

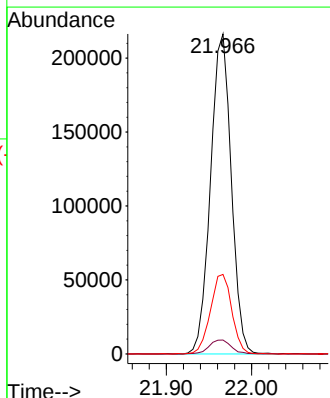
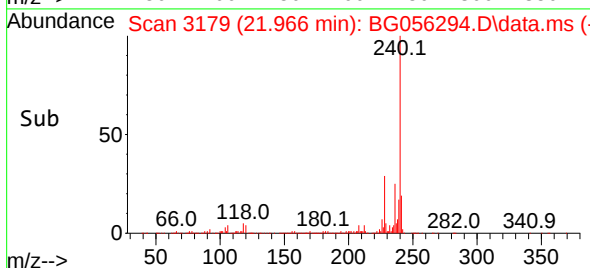
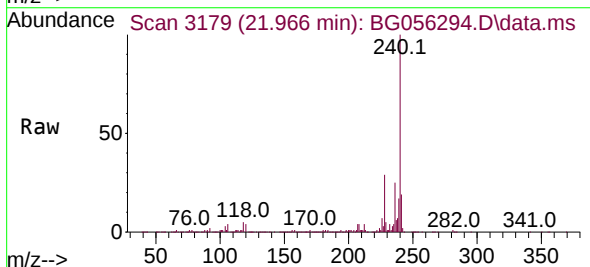
Manual Integrations
APPROVED

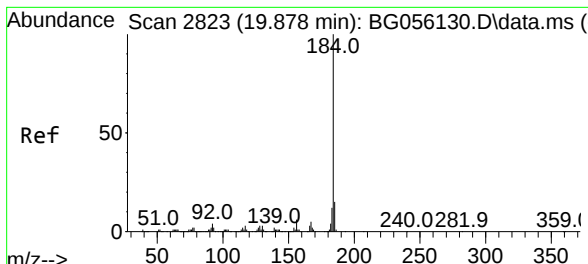
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.966 min Scan# 3179
Delta R.T. 0.007 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10

Tgt Ion:240 Resp: 364825
Ion Ratio Lower Upper
240 100
120 4.3 2.6 4.0#
236 24.8 20.8 31.2





#77
Benzidine
Concen: 29.308 ng
RT: 19.863 min Scan# 2821
Delta R.T. 0.001 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10

Instrument :

BNA_G

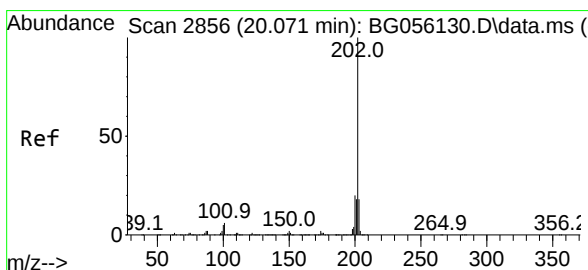
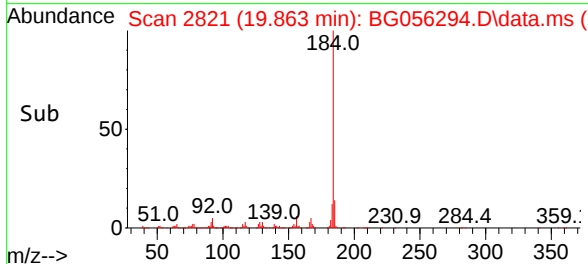
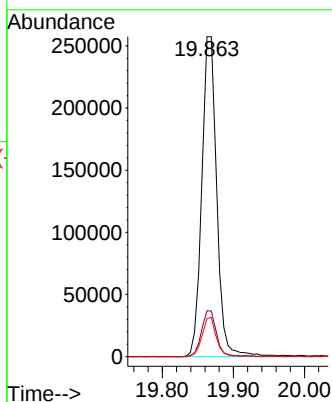
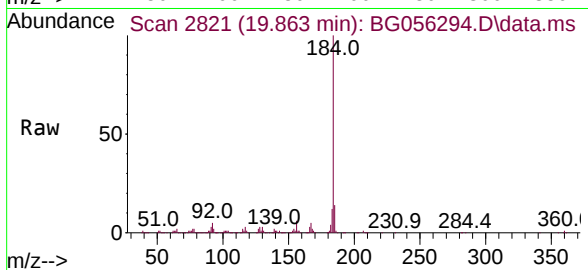
ClientSampleId :

PB150235BS

Tgt Ion:184 Resp: 374703
Ion Ratio Lower Upper
184 100
185 14.3 12.2 18.2
183 11.9 9.4 14.0

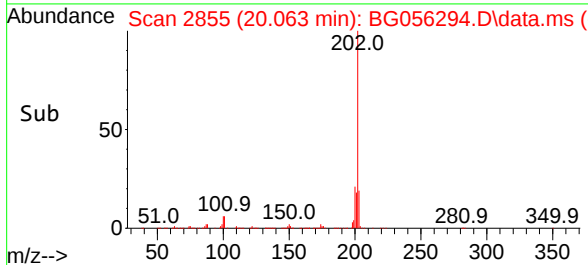
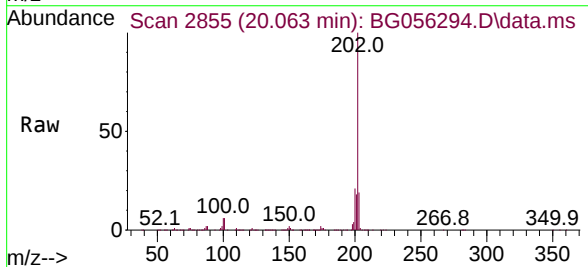
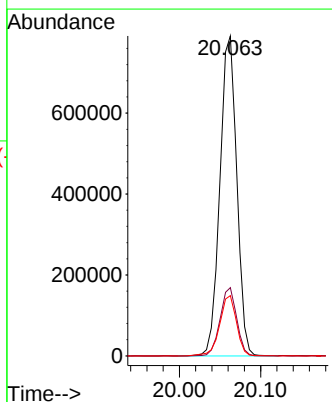
Manual Integrations
APPROVED

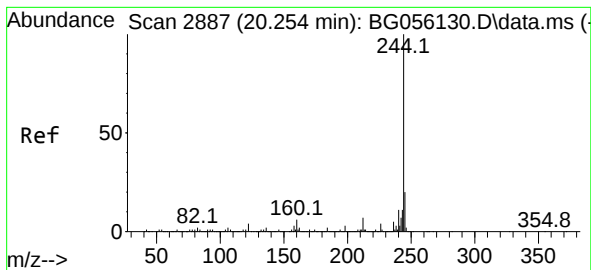
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023



#78
Pyrene
Concen: 44.232 ng
RT: 20.063 min Scan# 2855
Delta R.T. 0.007 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10

Tgt Ion:202 Resp: 1137403
Ion Ratio Lower Upper
202 100
200 21.3 16.4 24.6
203 18.8 14.3 21.5





#79

Terphenyl-d14

Concen: 91.411 ng

RT: 20.245 min Scan# 2887

Delta R.T. 0.007 min

Lab File: BG056294.D

Acq: 16 Jan 2023 13:10

Instrument :

BNA_G

ClientSampleId :

PB150235BS

Tgt Ion:244 Resp: 1861978

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

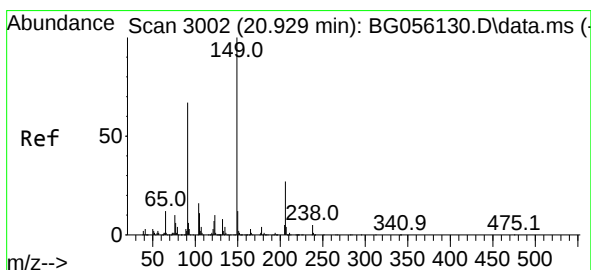
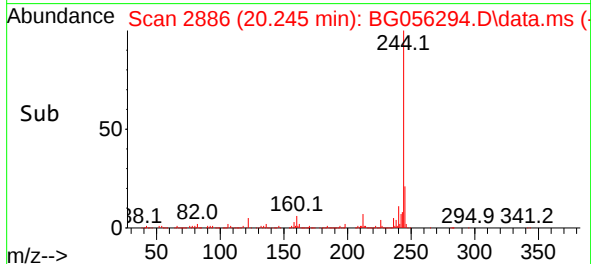
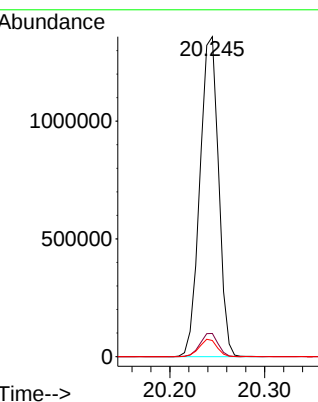
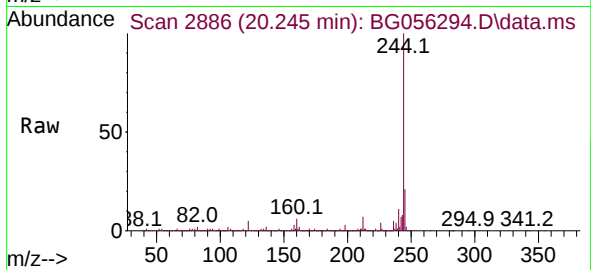
122 5.0 3.5 5.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/17/2023

Supervised By :Jagrut Upadhyay 01/17/2023



#80

Butylbenzylphthalate

Concen: 45.654 ng

RT: 20.920 min Scan# 3001

Delta R.T. 0.001 min

Lab File: BG056294.D

Acq: 16 Jan 2023 13:10

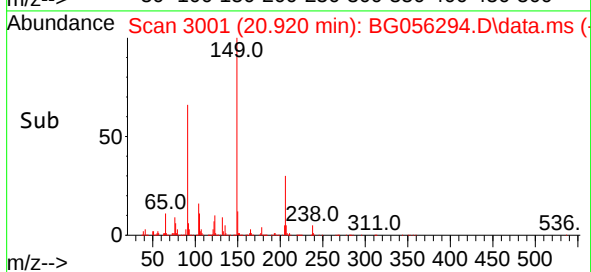
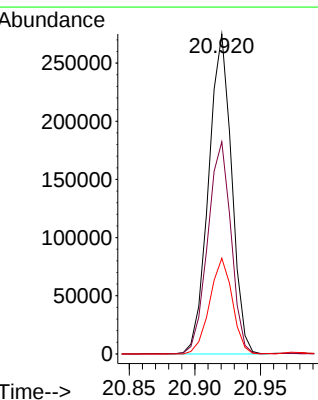
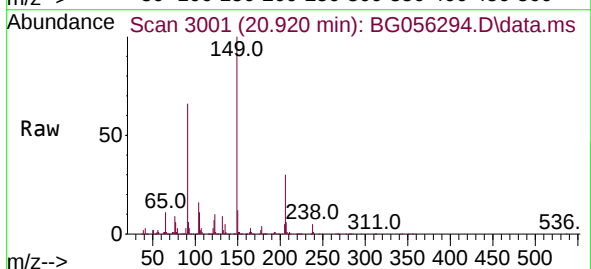
Tgt Ion:149 Resp: 336803

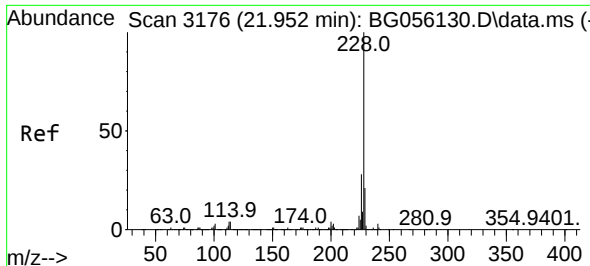
Ion Ratio Lower Upper

149 100

91 66.3 53.5 80.3

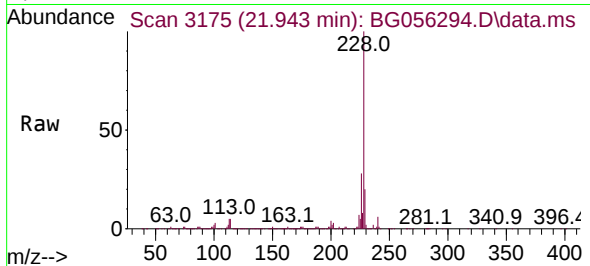
206 29.9 21.9 32.9





#81
Benzo(a)anthracene
Concen: 44.274 ng
RT: 21.943 min Scan# 3175
Delta R.T. 0.001 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10

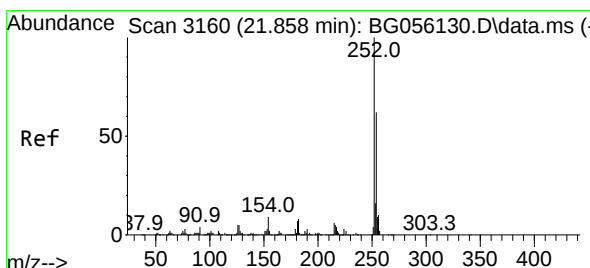
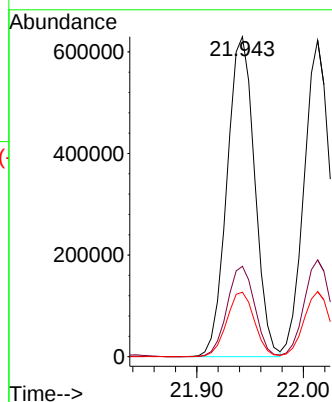
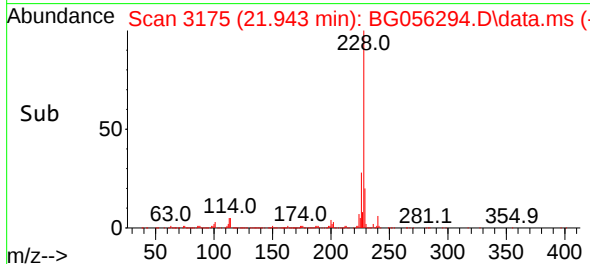
Instrument :
BNA_G
ClientSampleId :
PB150235BS



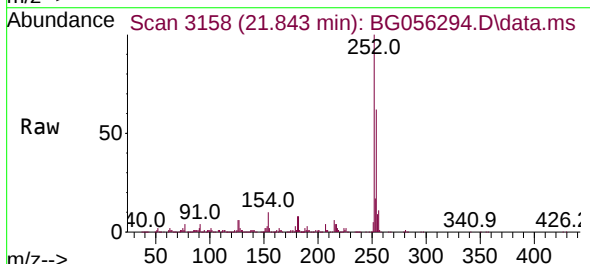
Tgt Ion:228 Resp: 1134483
Ion Ratio Lower Upper
228 100
226 28.2 22.6 34.0
229 20.1 16.9 25.3

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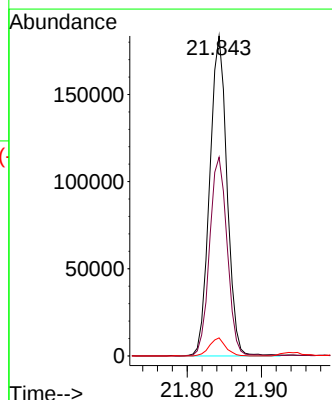
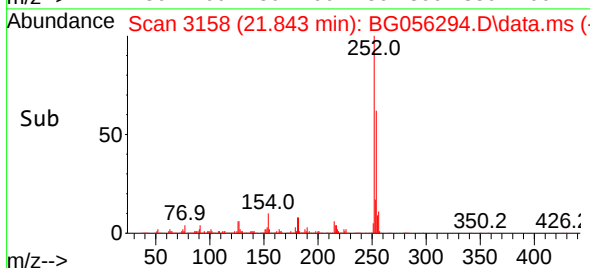
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023

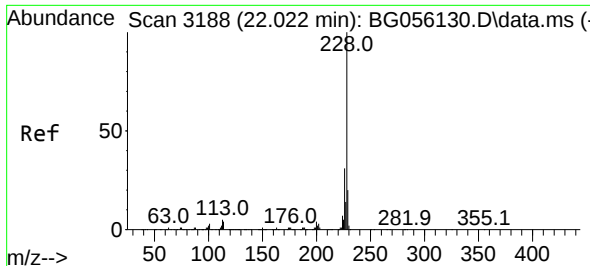


#82
3,3'-Dichlorobenzidine
Concen: 32.296 ng
RT: 21.843 min Scan# 3158
Delta R.T. 0.001 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10



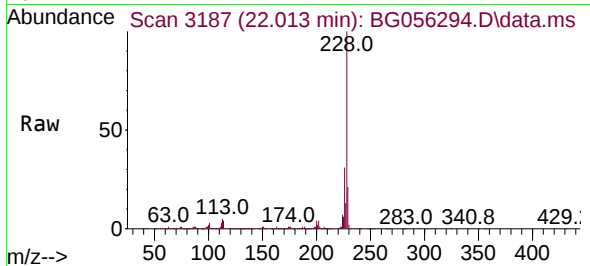
Tgt Ion:252 Resp: 297906
Ion Ratio Lower Upper
252 100
254 62.1 49.5 74.3
126 5.6 4.0 6.0





#83
Chrysene
Concen: 43.888 ng
RT: 22.013 min Scan# 3187
Delta R.T. 0.001 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10

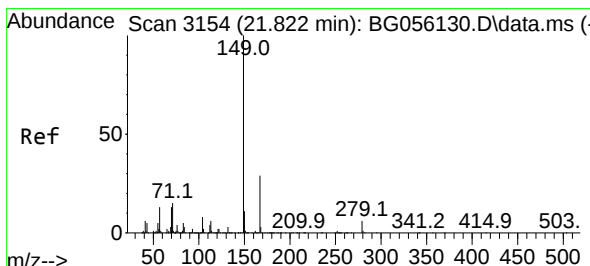
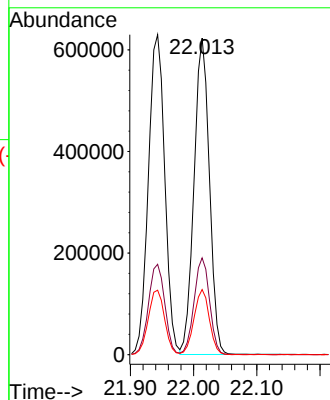
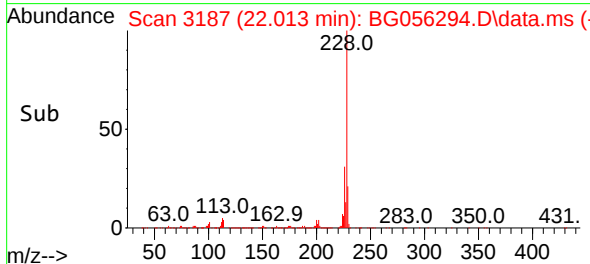
Instrument :
BNA_G
ClientSampleId :
PB150235BS



Tgt Ion:228 Resp: 1053419
Ion Ratio Lower Upper
228 100
226 30.6 24.6 36.8
229 20.5 15.8 23.6

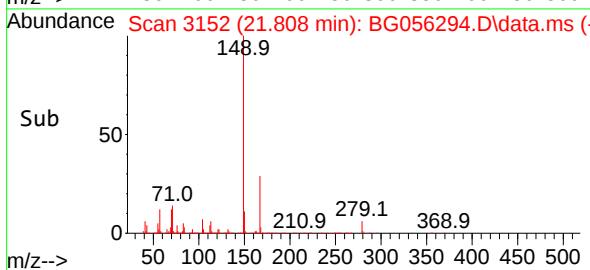
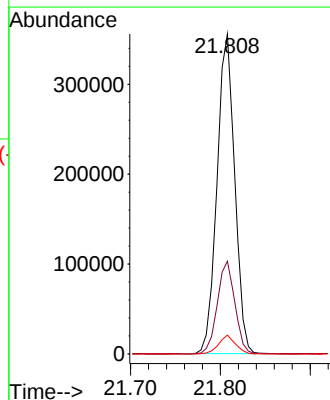
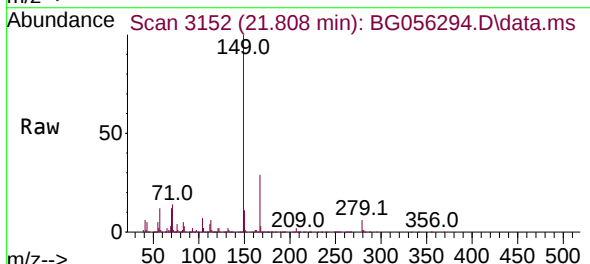
Manual Integrations
APPROVED

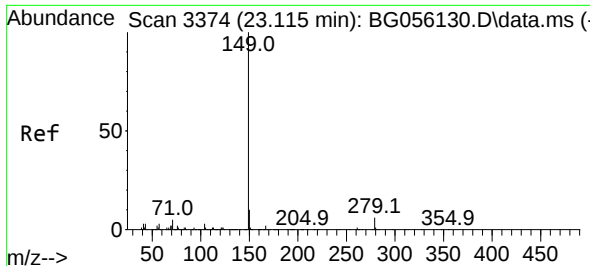
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.931 ng
RT: 21.808 min Scan# 3152
Delta R.T. 0.001 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10

Tgt Ion:149 Resp: 488174
Ion Ratio Lower Upper
149 100
167 29.0 23.4 35.2
279 5.9 4.7 7.1





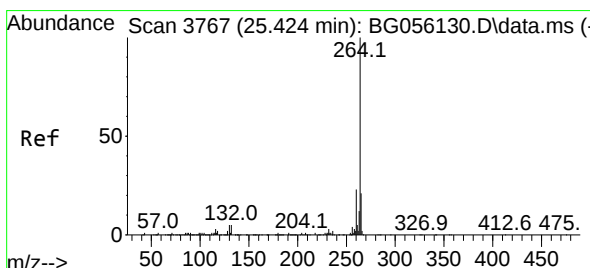
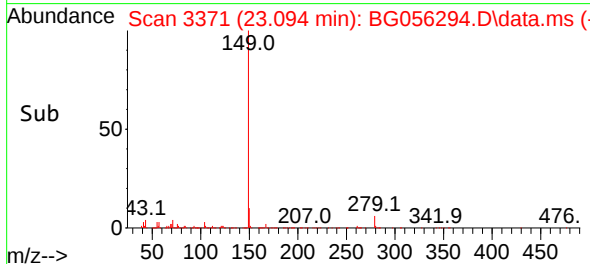
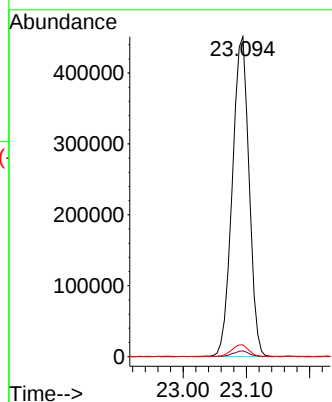
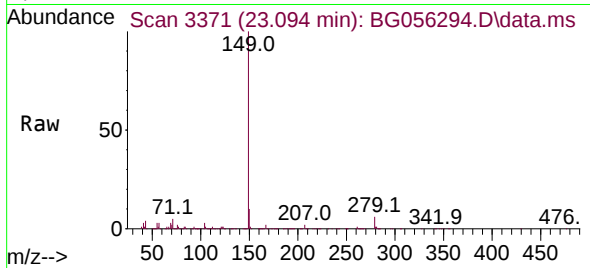
#85
Di-n-octyl phthalate
Concen: 46.195 ng
RT: 23.094 min Scan# 3374
Delta R.T. 0.007 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10

Instrument :
BNA_G
ClientSampleId :
PB150235BS

Tgt Ion:149 Resp: 828855
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.2
43 3.9 2.9 4.3

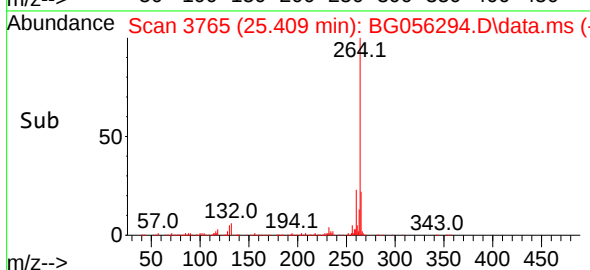
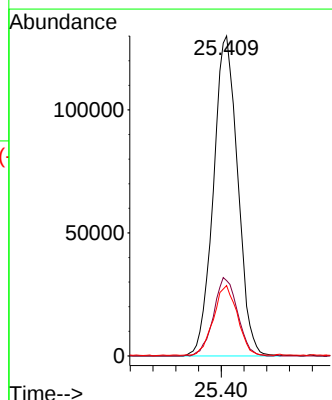
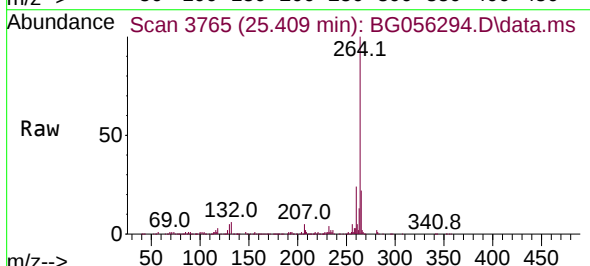
Manual Integrations
APPROVED

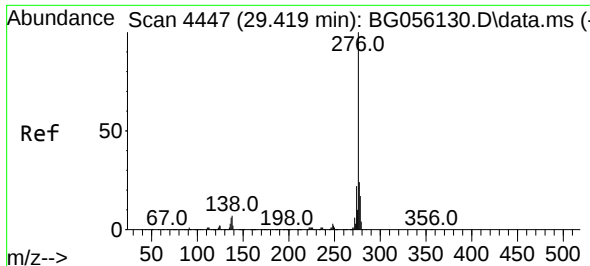
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.409 min Scan# 3765
Delta R.T. 0.007 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10

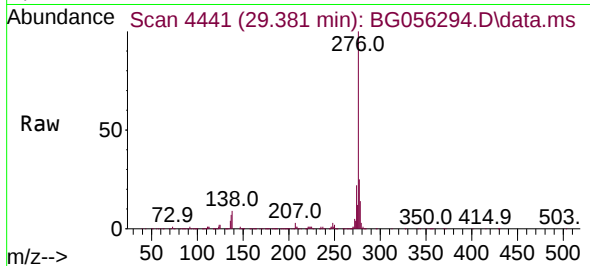
Tgt Ion:264 Resp: 385474
Ion Ratio Lower Upper
264 100
260 23.5 18.6 28.0
265 22.0 16.7 25.1





#87
Indeno(1,2,3-cd)pyrene
Concen: 47.252 ng
RT: 29.381 min Scan# 4447
Delta R.T. 0.019 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10

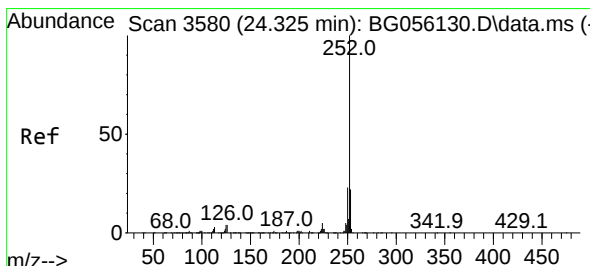
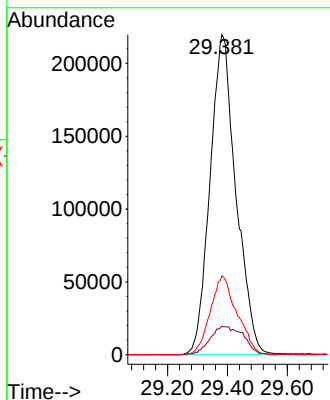
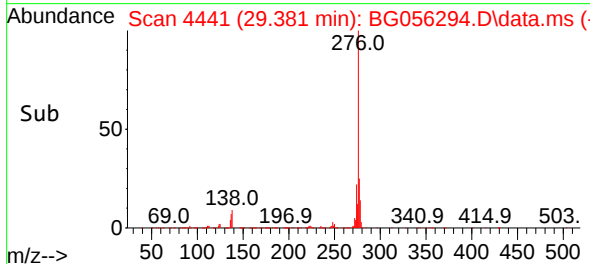
Instrument :
BNA_G
ClientSampleId :
PB150235BS



Tgt Ion:276 Resp: 1324666
Ion Ratio Lower Upper
276 100
138 11.3 5.0 7.4
277 25.4 20.5 30.7

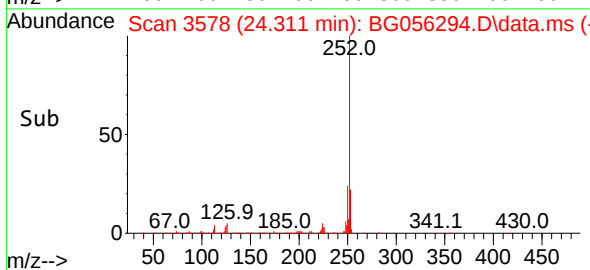
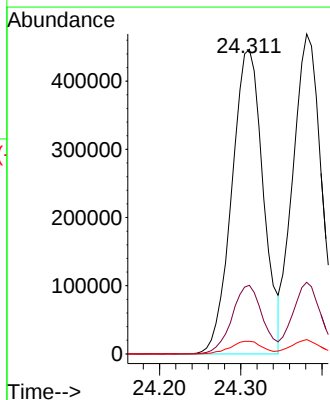
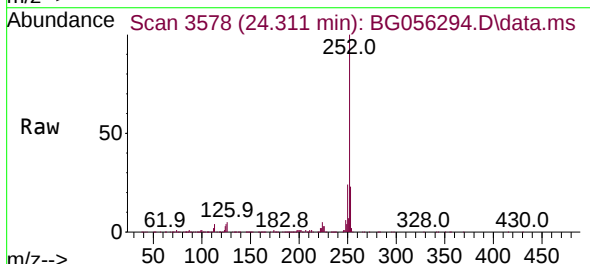
Manual Integrations
APPROVED

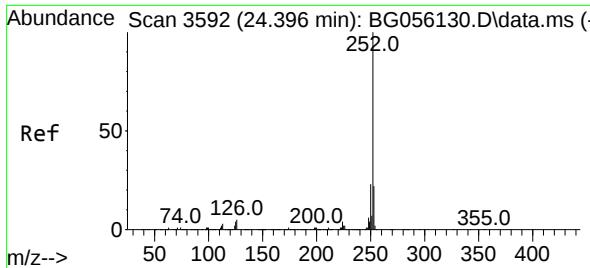
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023



#88
Benzo(b)fluoranthene
Concen: 48.969 ng
RT: 24.311 min Scan# 3578
Delta R.T. 0.013 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10

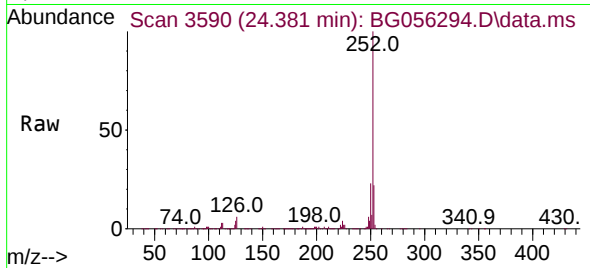
Tgt Ion:252 Resp: 1199340
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.2
125 4.1 3.0 4.4





#89
Benzo(k)fluoranthene
Concen: 46.630 ng
RT: 24.381 min Scan# 31
Delta R.T. 0.007 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10

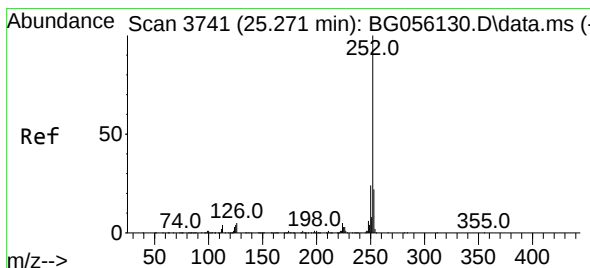
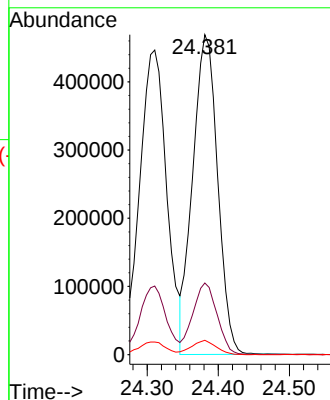
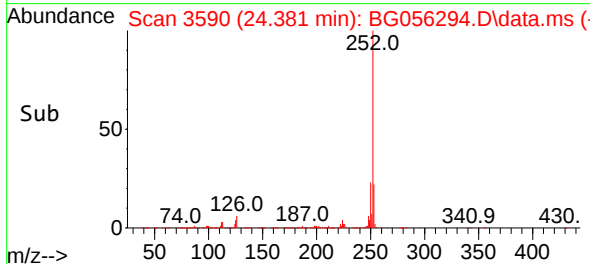
Instrument :
BNA_G
ClientSampleId :
PB150235BS



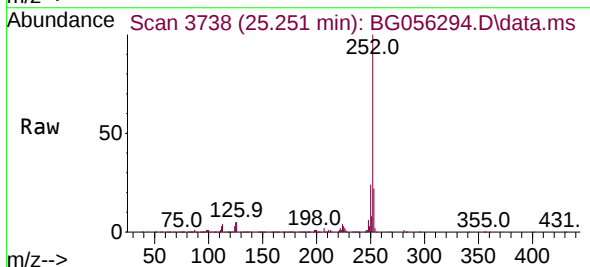
Tgt Ion:252 Resp: 113725
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 4.5 3.4 5.0

Manual Integrations
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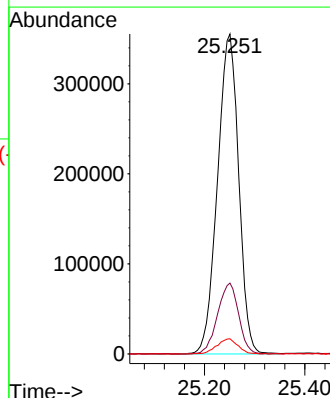
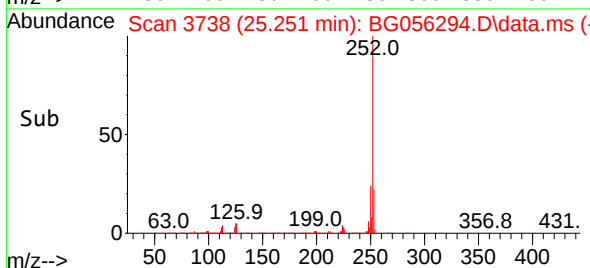
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023

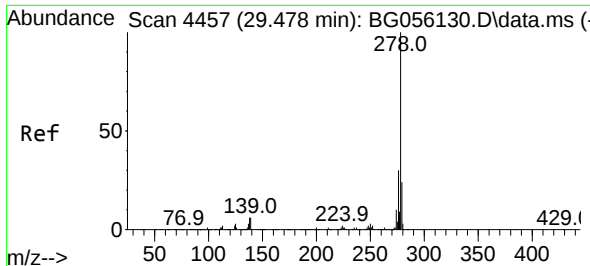


#90
Benzo(a)pyrene
Concen: 43.567 ng
RT: 25.251 min Scan# 3738
Delta R.T. 0.007 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10



Tgt Ion:252 Resp: 1040733
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 4.7 3.2 4.8





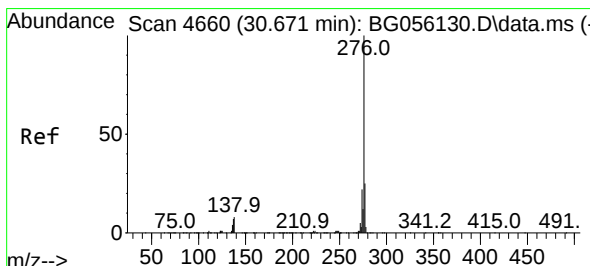
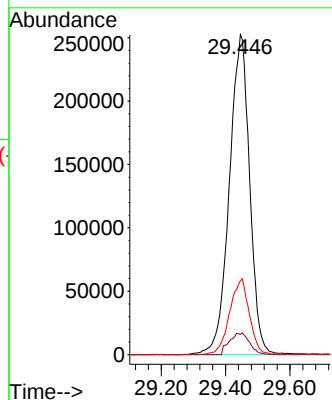
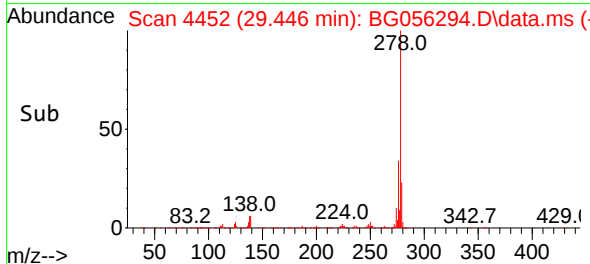
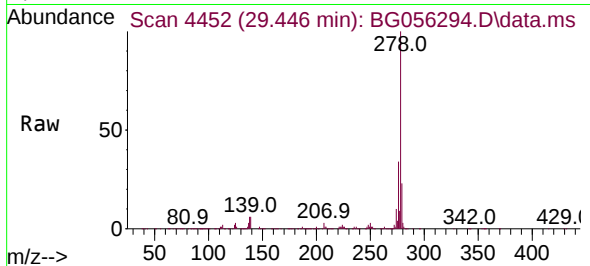
#91
Dibenzo(a,h)anthracene
Concen: 46.995 ng
RT: 29.446 min Scan# 4455
Delta R.T. 0.013 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10

Instrument :
BNA_G
ClientSampleId :
PB150235BS

Tgt Ion:278 Resp: 110455
Ion Ratio Lower Upper
278 100
139 6.3 4.8 7.2
279 23.0 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023



#92
Benzo(g,h,i)perylene
Concen: 47.248 ng
RT: 30.633 min Scan# 4654
Delta R.T. 0.019 min
Lab File: BG056294.D
Acq: 16 Jan 2023 13:10

Tgt Ion:276 Resp: 1076898
Ion Ratio Lower Upper
276 100
277 23.3 19.7 29.5
138 9.2 6.7 10.1

