

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011123\
 Data File : BG056251.D
 Acq On : 11 Jan 2023 15:18
 Operator : CG/JU
 Sample : 01053-02MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-201MSD

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 01/12/2023
 Supervised By : Jagrut Upadhyay 01/12/2023

Quant Time: Jan 12 04:19:40 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	45205	20.000	ng	0.00
21) Naphthalene-d8	11.150	136	166528	20.000	ng	# 0.00
39) Acenaphthene-d10	14.928	164	132965	20.000	ng	0.00
64) Phenanthrene-d10	17.666	188	367194	20.000	ng	0.00
76) Chrysene-d12	21.961	240	355195	20.000	ng	# 0.00
86) Perylene-d12	25.404	264	398536	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.839	112	401218	158.472	ng	0.01
7) Phenol-d6	7.454	99	538274	138.441	ng	0.00
23) Nitrobenzene-d5	9.493	82	319689	98.197	ng	0.00
42) 2,4,6-Tribromophenol	16.408	330	270256	160.486	ng	0.00
45) 2-Fluorobiphenyl	13.559	172	961419	99.847	ng	0.00
79) Terphenyl-d14	20.239	244	2034530	102.590	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.659	88	50220	43.427	ng	# 80
3) Pyridine	4.082	79	123653	35.107	ng	# 94
4) n-Nitrosodimethylamine	3.982	42	33136	46.249	ng	91
6) Aniline	7.631	93	108616	21.302	ng	99
8) 2-Chlorophenol	7.877	128	132762	52.696	ng	96
9) Benzaldehyde	7.443	77	62710	27.126	ng	99
10) Phenol	7.484	94	182755	46.348	ng	96
11) bis(2-Chloroethyl)ether	7.719	93	124317	46.524	ng	95
12) 1,3-Dichlorobenzene	8.206	146	145671	47.508	ng	93
13) 1,4-Dichlorobenzene	8.353	146	148209	48.134	ng	95
14) 1,2-Dichlorobenzene	8.676	146	145066	48.827	ng	97
15) Benzyl Alcohol	8.547	79	133553	47.196	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.835	45	24156	51.156	ng	# 84
17) 2-Methylphenol	8.747	107	131642	45.498	ng	97
18) Hexachloroethane	9.417	117	45391	48.526	ng	96
19) n-Nitroso-di-n-propyla...	9.117	70	99038	41.889	ng	99
20) 3+4-Methylphenols	9.076	107	182131	44.773	ng	97
22) Acetophenone	9.146	105	221387	47.018	ng	# 98
24) Nitrobenzene	9.534	77	150002	46.494	ng	100
25) Isophorone	10.057	82	299730	43.757	ng	99
26) 2-Nitrophenol	10.251	139	83648	50.673	ng	95
27) 2,4-Dimethylphenol	10.292	122	146255	48.577	ng	99
28) bis(2-Chloroethoxy)met...	10.533	93	170525	47.898	ng	98
29) 2,4-Dichlorophenol	10.786	162	172636	51.864	ng	97
30) 1,2,4-Trichlorobenzene	11.003	180	183884	48.681	ng	99
31) Naphthalene	11.197	128	409367	46.709	ng	99
32) Benzoic acid	10.404	122	66904m	29.949	ng	
33) 4-Chloroaniline	11.297	127	18857	4.507	ng	97
34) Hexachlorobutadiene	11.473	225	128071	47.142	ng	99
35) Caprolactam	12.061	113	46497m	41.259	ng	
36) 4-Chloro-3-methylphenol	12.396	107	167688	49.647	ng	99
37) 2-Methylnaphthalene	12.783	142	317813	42.947	ng	98
38) 1-Methylnaphthalene	12.995	142	301810	43.920	ng	97
40) 1,2,4,5-Tetrachloroben...	13.142	216	247555	49.675	ng	98
41) Hexachlorocyclopentadiene	13.118	237	292258	102.864	ng	94
43) 2,4,6-Trichlorophenol	13.371	196	171278	51.976	ng	98

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Manual Integrations
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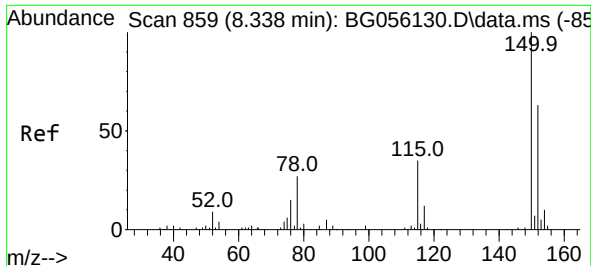
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.447	196	192257	49.320	ng	99
46) 1,1'-Biphenyl	13.770	154	478888	50.290	ng	98
47) 2-Chloronaphthalene	13.817	162	381897	50.809	ng	99
48) 2-Nitroaniline	14.011	65	83638	52.227	ng	95
49) Acenaphthylene	14.658	152	594627	48.615	ng	99
50) Dimethylphthalate	14.370	163	528139	49.204	ng	98
51) 2,6-Dinitrotoluene	14.493	165	114637	50.122	ng	97
52) Acenaphthene	14.993	154	411907	51.778	ng	99
53) 3-Nitroaniline	14.822	138	49960	22.952	ng	97
54) 2,4-Dinitrophenol	15.028	184	110214	67.453	ng	# 94
55) Dibenzofuran	15.322	168	643981	48.918	ng	97
56) 4-Nitrophenol	15.116	139	162901	97.307	ng	97
57) 2,4-Dinitrotoluene	15.275	165	166024	51.905	ng	94
58) Fluorene	15.968	166	520601	49.167	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.545	232	188705	51.557	ng	96
60) Diethylphthalate	15.715	149	492313	48.908	ng	99
61) 4-Chlorophenyl-phenylether	15.950	204	324945	49.176	ng	99
62) 4-Nitroaniline	15.985	138	109639	49.172	ng	95
63) Azobenzene	16.244	77	382174	49.199	ng	99
65) 4,6-Dinitro-2-methylph...	16.038	198	97336	39.345	ng	96
66) n-Nitrosodiphenylamine	16.168	169	487385	47.839	ng	98
67) 4-Bromophenyl-phenylether	16.843	248	225613	48.251	ng	98
68) Hexachlorobenzene	16.973	284	221858	50.856	ng	99
69) Atrazine	17.096	200	215023	50.926	ng	98
70) Pentachlorophenol	17.307	266	263359	78.589	ng	98
71) Phenanthrene	17.707	178	932702	49.014	ng	98
72) Anthracene	17.801	178	955146	48.658	ng	99
73) Carbazole	18.060	167	824645	49.978	ng	99
74) Di-n-butylphthalate	18.594	149	835453	50.793	ng	99
75) Fluoranthene	19.699	202	1193595	48.086	ng	99
77) Benzidine	19.863	184	70587	5.671	ng	99
78) Pyrene	20.057	202	1210732	48.360	ng	100
80) Butylbenzylphthalate	20.915	149	351076	48.879	ng	98
81) Benzo(a)anthracene	21.937	228	1210120	48.506	ng	99
82) 3,3'-Dichlorobenzidine	21.837	252	201831	22.474	ng	99
83) Chrysene	22.014	228	1137082	48.658	ng	99
84) Bis(2-ethylhexyl)phtha...	21.802	149	510439	49.328	ng	99
85) Di-n-octyl phthalate	23.089	149	881043	50.434	ng	100
87) Indeno(1,2,3-cd)pyrene	29.376	276	1447369	49.937	ng	100
88) Benzo(b)fluoranthene	24.305	252	1309457	51.713	ng	99
89) Benzo(k)fluoranthene	24.381	252	1252087	49.656	ng	99
90) Benzo(a)pyrene	25.239	252	1146575	46.425	ng	99
91) Dibenzo(a,h)anthracene	29.434	278	1217664	50.109	ng	99
92) Benzo(g,h,i)perylene	30.627	276	1166608	49.506	ng	98

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

Manual Integrations

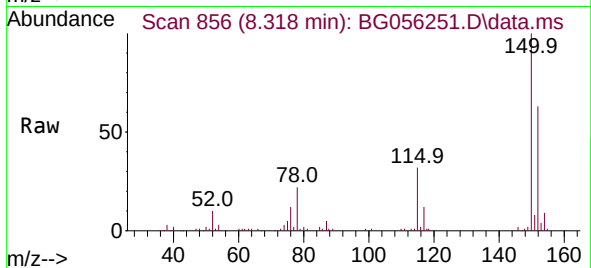
Quant Time: Jan 12 04:19:40 2023
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.318 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG056251.D
Acq: 11 Jan 2023 15:18

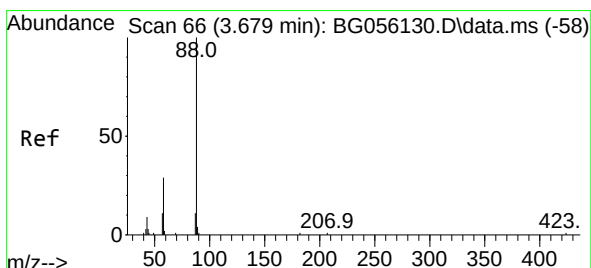
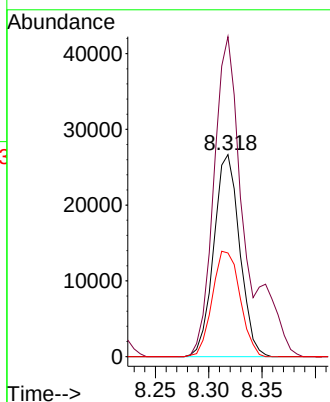
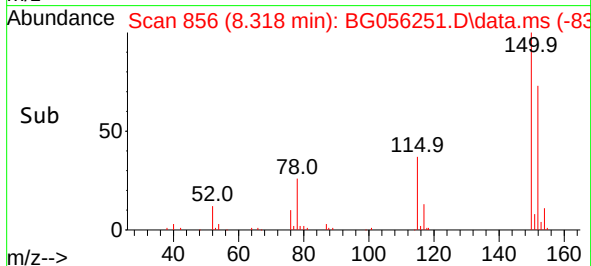
Instrument :
BNA_G
ClientSampleId :
TP-201MSD



Tgt Ion:152 Resp: 45205
Ion Ratio Lower Upper
152 100
150 158.4 127.9 191.9
115 51.3 44.2 66.2

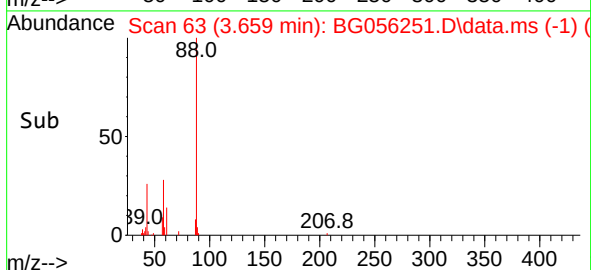
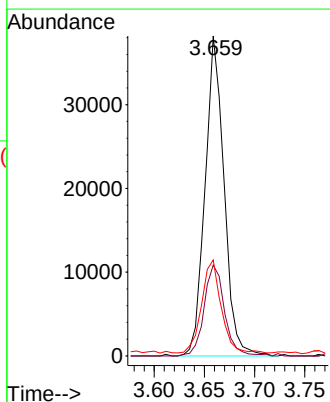
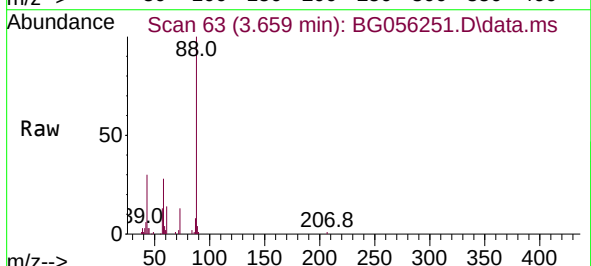
Manual Integrations
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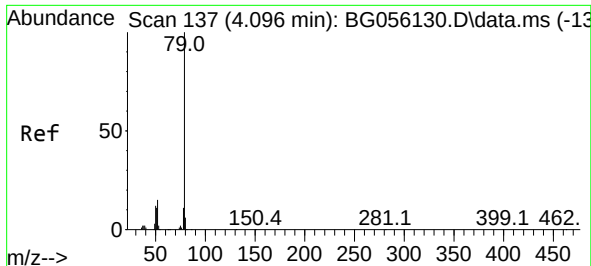
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#2
1,4-Dioxane
Concen: 43.427 ng
RT: 3.659 min Scan# 63
Delta R.T. 0.013 min
Lab File: BG056251.D
Acq: 11 Jan 2023 15:18

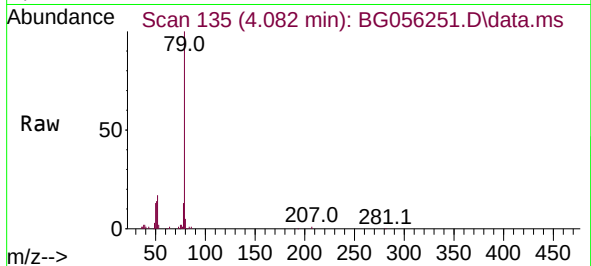
Tgt Ion: 88 Resp: 50220
Ion Ratio Lower Upper
88 100
58 30.5 21.4 32.0
43 29.8 7.1 10.7#





#3
 Pyridine
 Concen: 35.107 ng
 RT: 4.082 min Scan# 118
 Delta R.T. 0.019 min
 Lab File: BG056251.D
 Acq: 11 Jan 2023 15:18

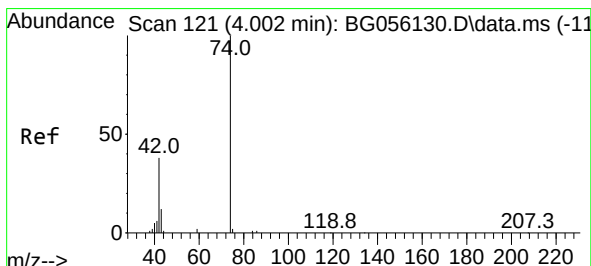
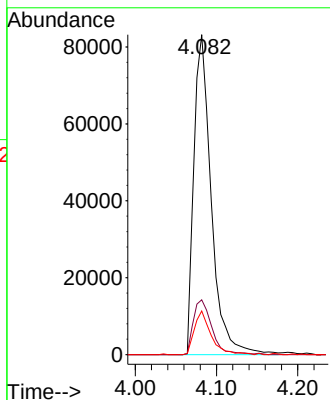
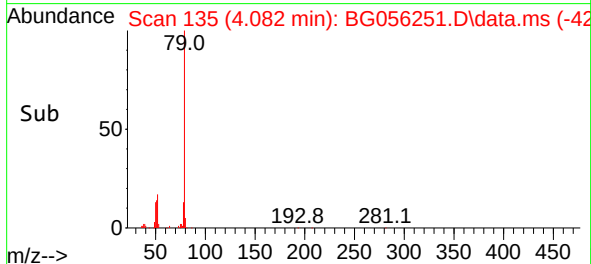
Instrument :
 BNA_G
 ClientSampleId :
 TP-201MSD



Tgt Ion: 79 Resp: 123653
 Ion Ratio Lower Upper
 79 100
 52 17.2 11.8 17.6
 51 13.6 8.8 13.2

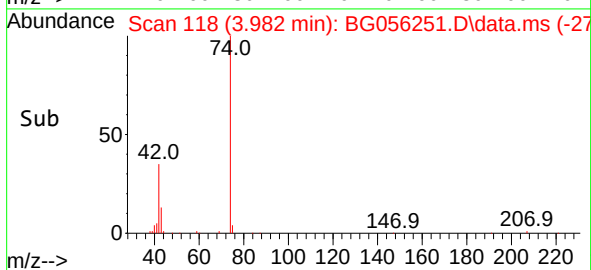
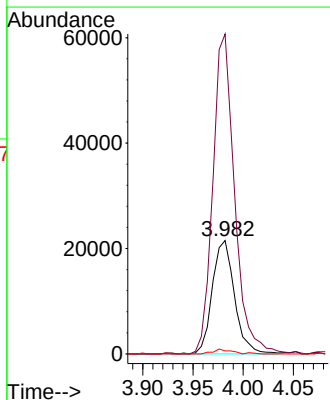
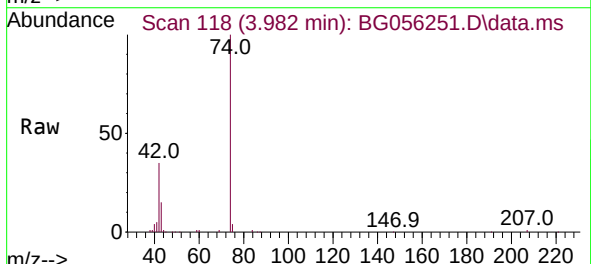
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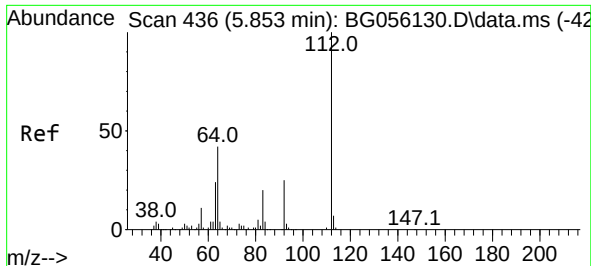
Reviewed By :Christian Giraldo 01/12/2023
 Supervised By :Jagrut Upadhyay 01/12/2023



#4
 n-Nitrosodimethylamine
 Concen: 46.249 ng
 RT: 3.982 min Scan# 118
 Delta R.T. 0.007 min
 Lab File: BG056251.D
 Acq: 11 Jan 2023 15:18

Tgt Ion: 42 Resp: 33136
 Ion Ratio Lower Upper
 42 100
 74 282.1 212.6 319.0
 44 2.7 2.6 3.8





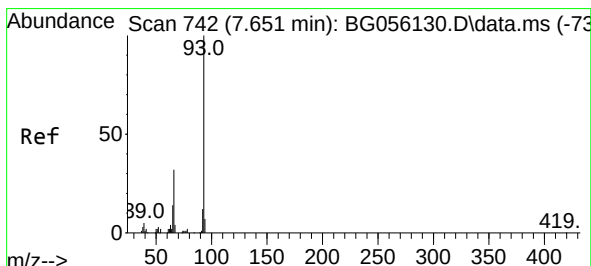
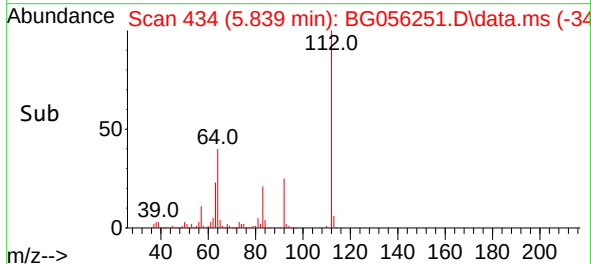
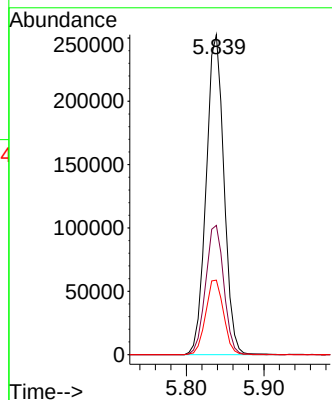
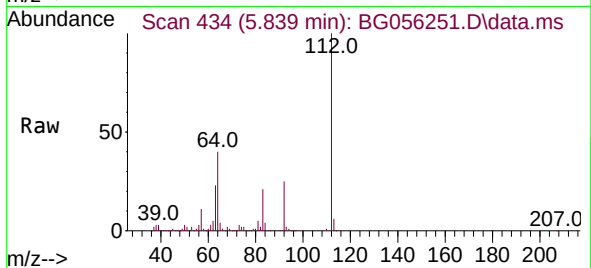
#5
2-Fluorophenol
Concen: 158.472 ng
RT: 5.839 min Scan# 436
Delta R.T. 0.013 min
Lab File: BG056251.D
Acq: 11 Jan 2023 15:18

Instrument :
BNA_G
ClientSampleId :
TP-201MSD

Tgt Ion:112 Resp: 401218
Ion Ratio Lower Upper
112 100
64 40.4 33.3 49.9
63 23.3 19.0 28.4

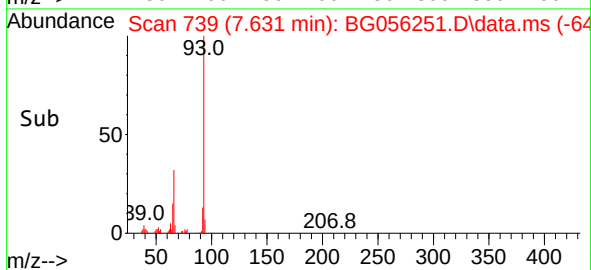
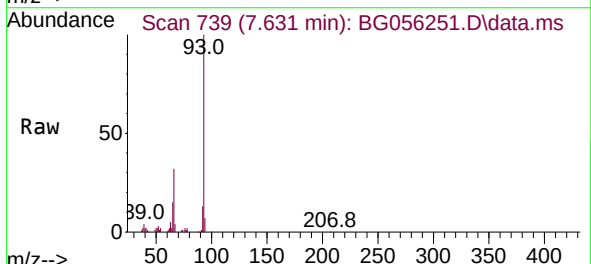
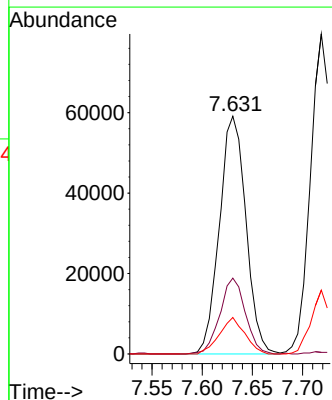
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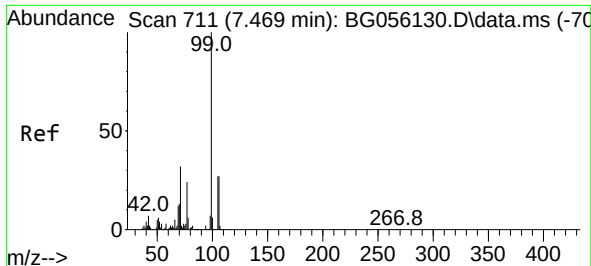
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#6
Aniline
Concen: 21.302 ng
RT: 7.631 min Scan# 739
Delta R.T. 0.001 min
Lab File: BG056251.D
Acq: 11 Jan 2023 15:18

Tgt Ion: 93 Resp: 108616
Ion Ratio Lower Upper
93 100
66 31.9 25.4 38.2
65 15.3 11.4 17.2





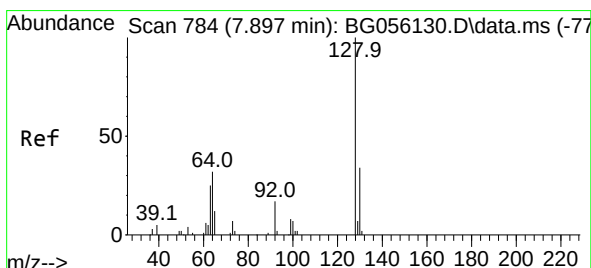
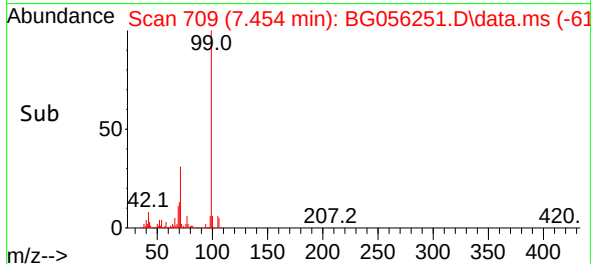
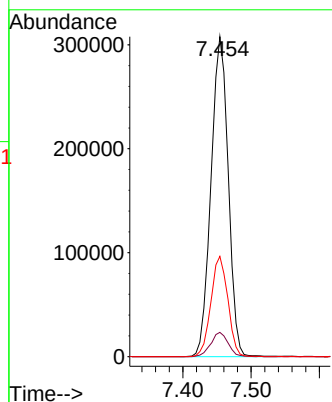
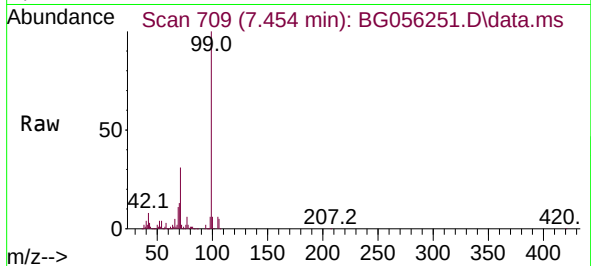
#7
Phenol-d6
Concen: 138.441 ng
RT: 7.454 min Scan# 709
Delta R.T. 0.007 min
Lab File: BG056251.D
Acq: 11 Jan 2023 15:18

Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 538274
Ion Ratio Lower Upper
99 100
42 7.6 5.9 8.9
71 31.3 25.4 38.2

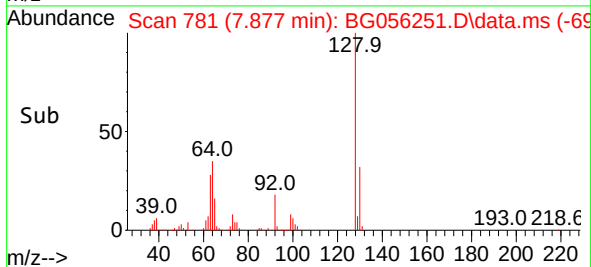
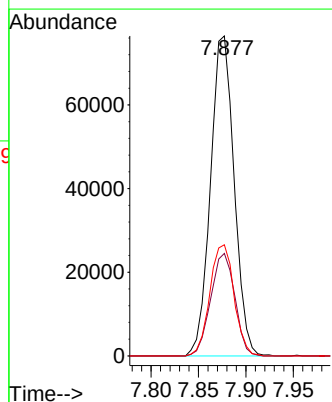
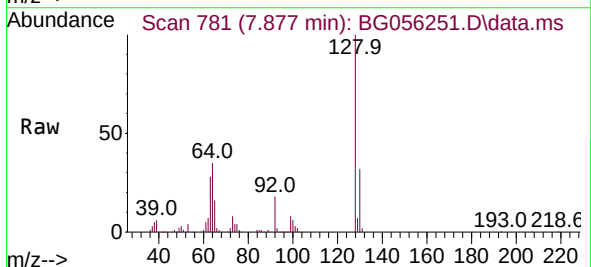
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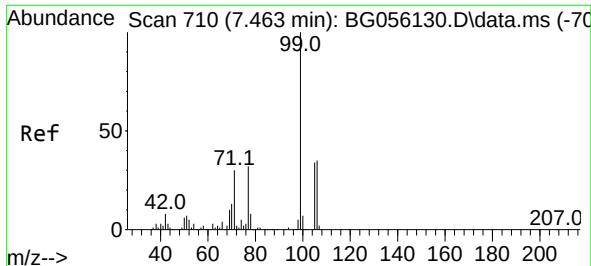
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#8
2-Chlorophenol
Concen: 52.696 ng
RT: 7.877 min Scan# 781
Delta R.T. 0.007 min
Lab File: BG056251.D
Acq: 11 Jan 2023 15:18

Tgt Ion:128 Resp: 132762
Ion Ratio Lower Upper
128 100
130 32.0 13.5 53.5
64 34.7 18.0 58.0





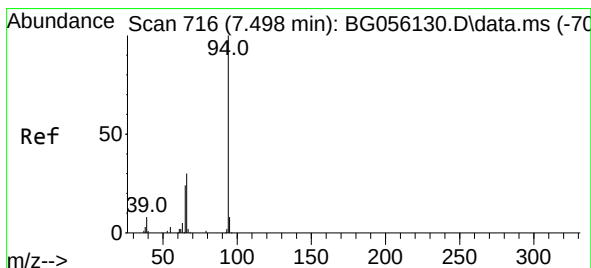
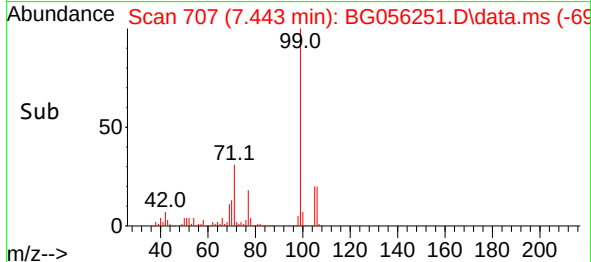
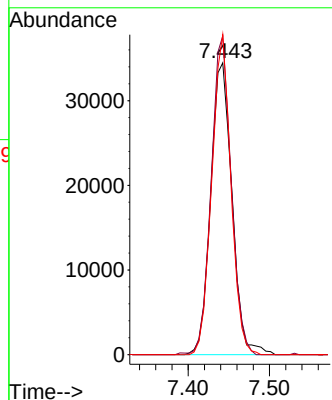
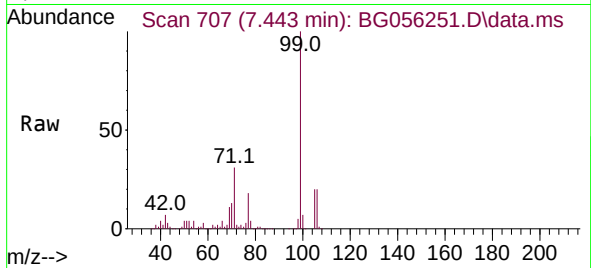
#9
Benzaldehyde
Concen: 27.126 ng
RT: 7.443 min Scan# 707
Delta R.T. 0.001 min
Lab File: BG056251.D
Acq: 11 Jan 2023 15:18

Instrument :
BNA_G
ClientSampleId :
TP-201MSD

Tgt Ion: 77 Resp: 62710
Ion Ratio Lower Upper
77 100
105 109.2 86.8 126.8
106 109.7 89.3 129.3

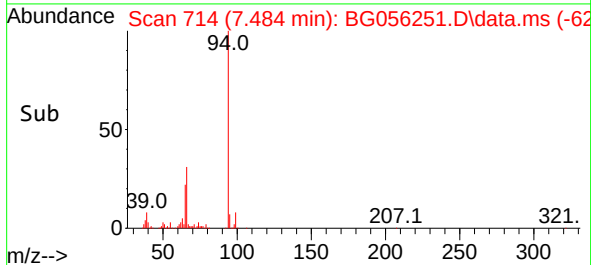
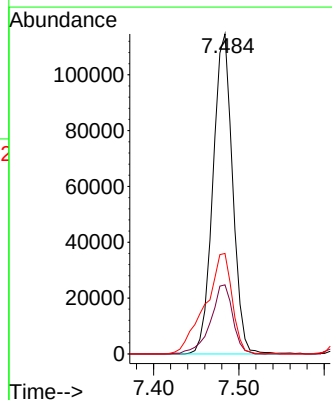
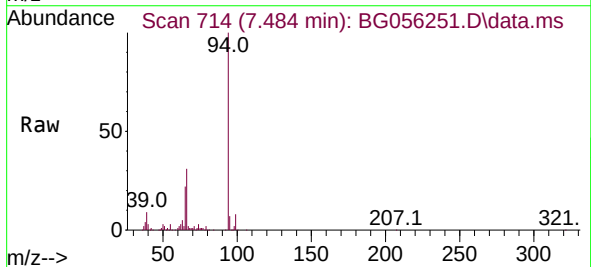
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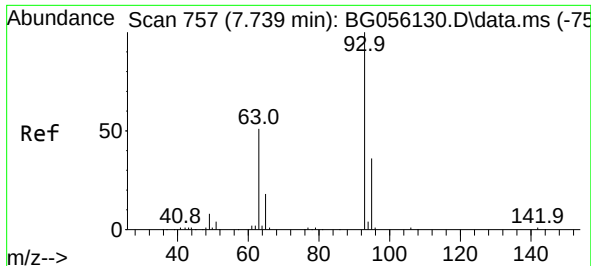
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#10
Phenol
Concen: 46.348 ng
RT: 7.484 min Scan# 714
Delta R.T. 0.007 min
Lab File: BG056251.D
Acq: 11 Jan 2023 15:18

Tgt Ion: 94 Resp: 182755
Ion Ratio Lower Upper
94 100
65 21.6 4.3 44.3
66 31.4 13.2 53.2





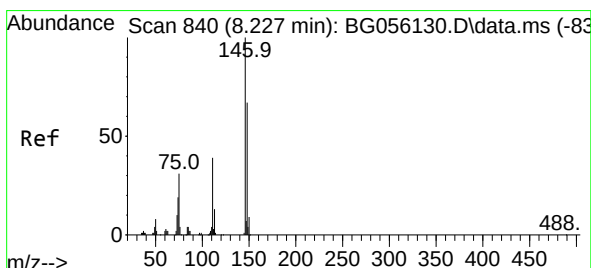
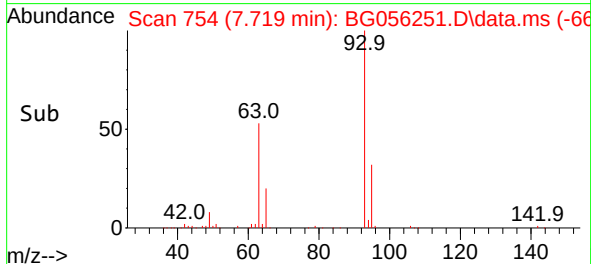
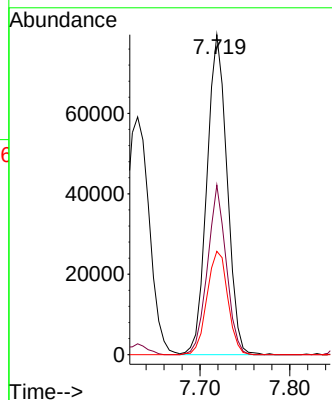
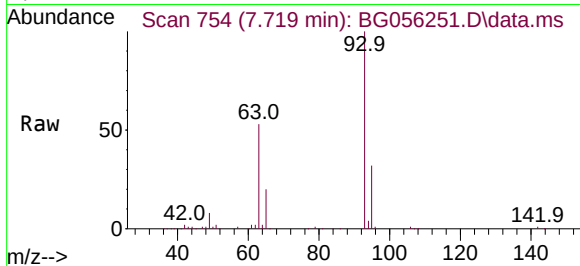
#11
bis(2-Chloroethyl)ether
Concen: 46.524 ng
RT: 7.719 min Scan# 71
Delta R.T. 0.001 min
Lab File: BG056251.D
Acq: 11 Jan 2023 15:18

Instrument :
BNA_G
ClientSampleId :
TP-201MSD

Tgt Ion: 93 Resp: 12431
Ion Ratio Lower Upper
93 100
63 53.0 30.5 70.5
95 32.3 15.9 55.9

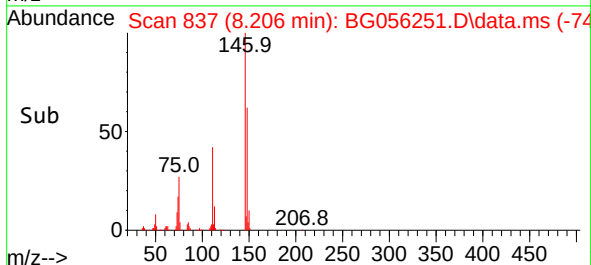
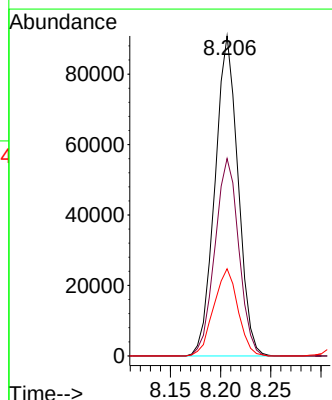
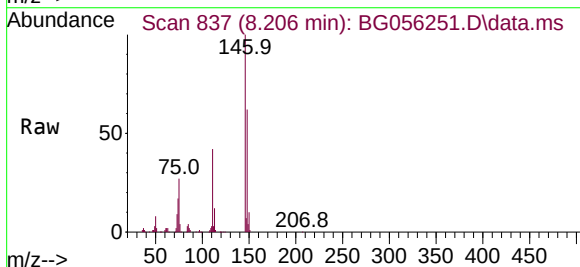
Manual Integrations
APPROVED

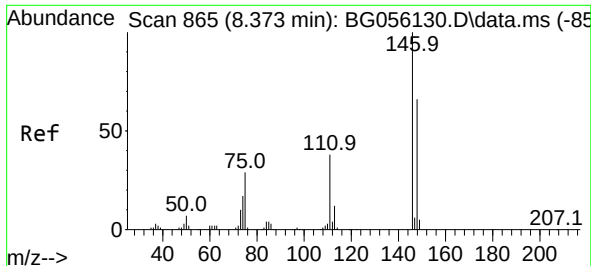
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#12
1,3-Dichlorobenzene
Concen: 47.508 ng
RT: 8.206 min Scan# 837
Delta R.T. 0.001 min
Lab File: BG056251.D
Acq: 11 Jan 2023 15:18

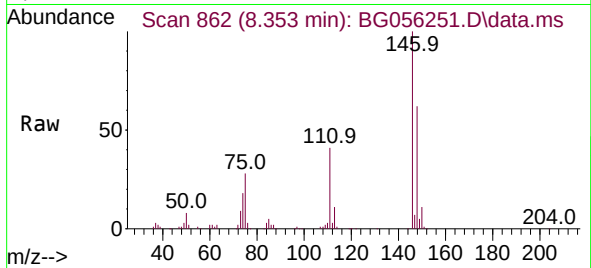
Tgt Ion:146 Resp: 145671
Ion Ratio Lower Upper
146 100
148 61.7 53.5 80.3
75 27.3 24.8 37.2





#13
1,4-Dichlorobenzene
Concen: 48.134 ng
RT: 8.353 min Scan# 80
Delta R.T. 0.001 min
Lab File: BG056251.D
Acq: 11 Jan 2023 15:18

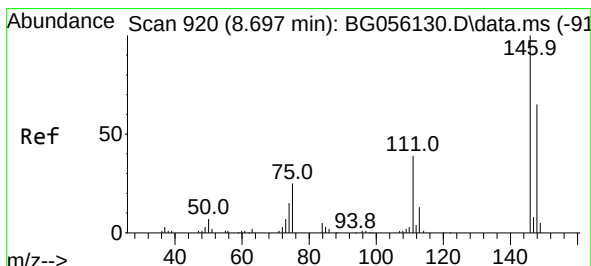
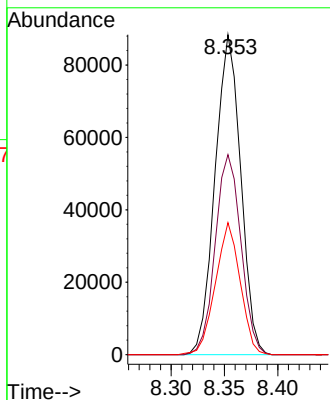
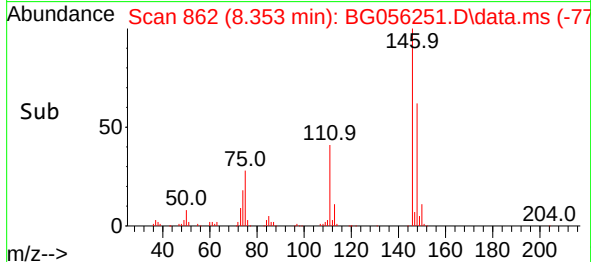
Instrument :
BNA_G
ClientSampleId :
TP-201MSD



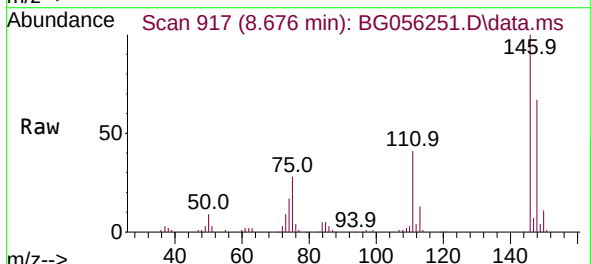
Tgt Ion:146 Resp: 148209
Ion Ratio Lower Upper
146 100
148 62.5 52.8 79.2
111 41.2 30.5 45.7

Manual Integrations
APPROVED

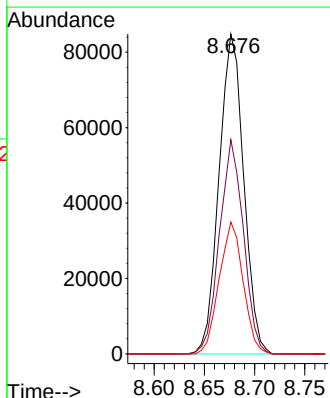
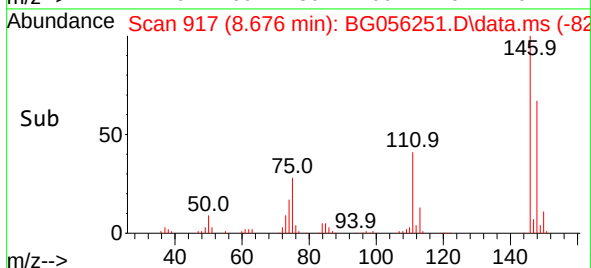
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023

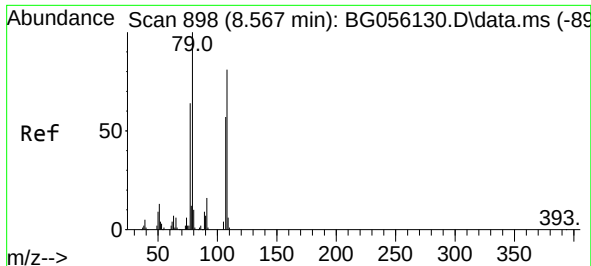


#14
1,2-Dichlorobenzene
Concen: 48.827 ng
RT: 8.676 min Scan# 917
Delta R.T. 0.001 min
Lab File: BG056251.D
Acq: 11 Jan 2023 15:18



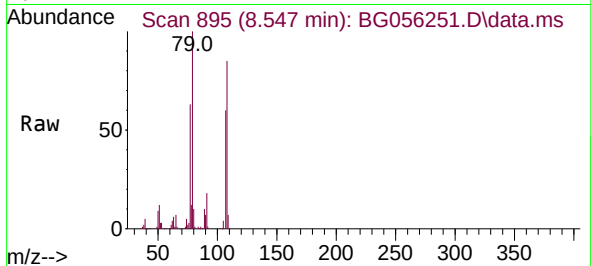
Tgt Ion:146 Resp: 145066
Ion Ratio Lower Upper
146 100
148 66.9 51.7 77.5
111 41.2 31.5 47.3





#15
Benzyl Alcohol
Concen: 47.196 ng
RT: 8.547 min Scan# 898
Delta R.T. 0.001 min
Lab File: BG056251.D
Acq: 11 Jan 2023 15:18

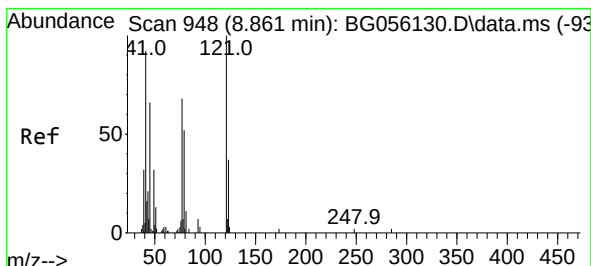
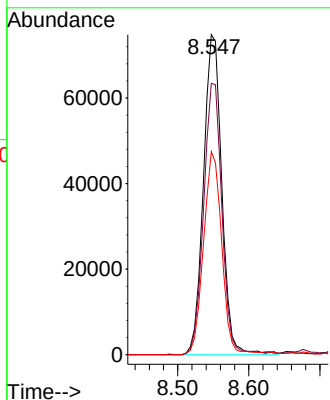
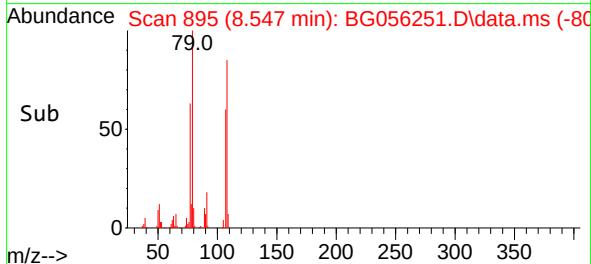
Instrument :
BNA_G
ClientSampleId :
TP-201MSD



Tgt Ion: 79 Resp: 133553
Ion Ratio Lower Upper
79 100
108 84.8 64.7 97.1
77 63.4 51.5 77.3

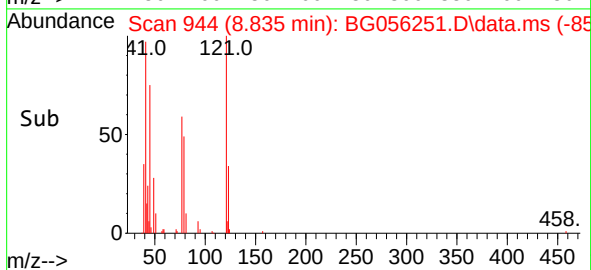
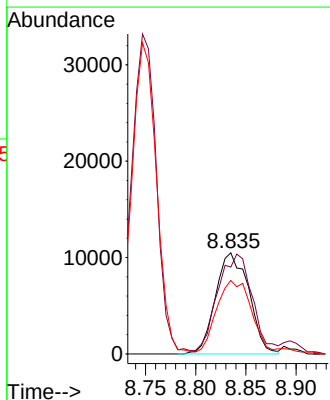
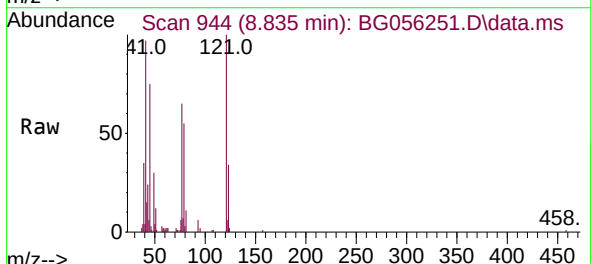
Manual Integrations
APPROVED

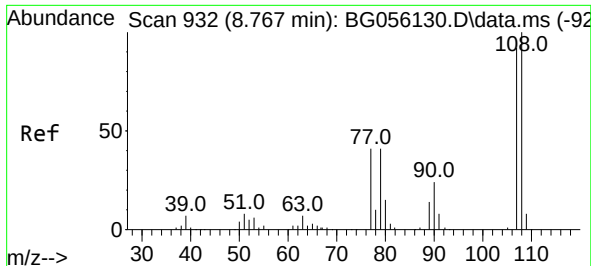
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.156 ng
RT: 8.835 min Scan# 944
Delta R.T. -0.005 min
Lab File: BG056251.D
Acq: 11 Jan 2023 15:18

Tgt Ion: 45 Resp: 24156
Ion Ratio Lower Upper
45 100
77 85.9 88.2 128.2#
79 72.6 61.2 101.2





#17
2-Methylphenol
Concen: 45.498 ng
RT: 8.747 min Scan# 91
Delta R.T. 0.001 min
Lab File: BG056251.D
Acq: 11 Jan 2023 15:18

Instrument :

BNA_G

ClientSampleId :

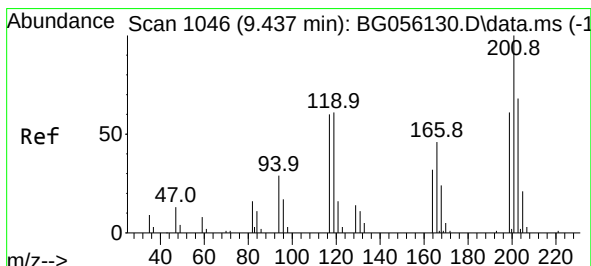
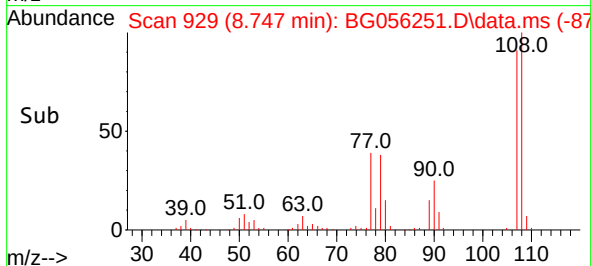
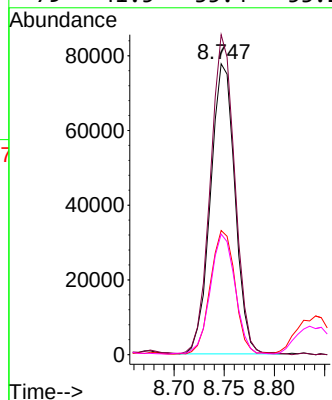
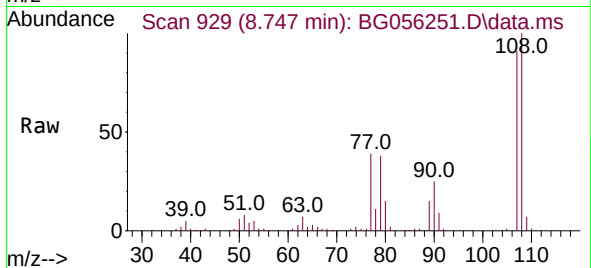
TP-201MSD

Tgt Ion:107 Resp: 131642
Ion Ratio Lower Upper
107 100
108 110.0 86.6 129.8
77 42.7 35.4 53.2
79 41.5 35.4 53.2

Manual Integrations

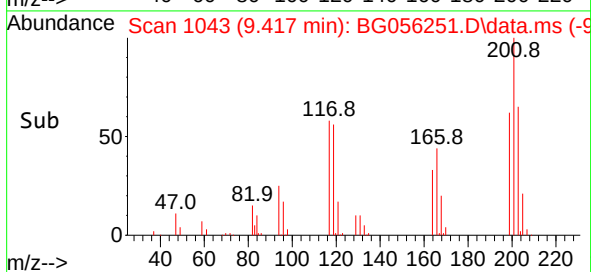
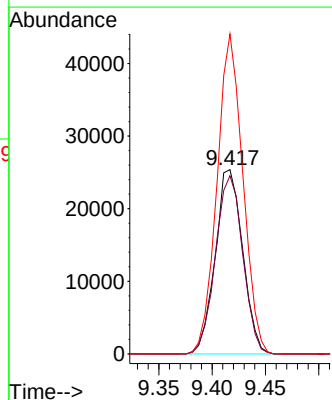
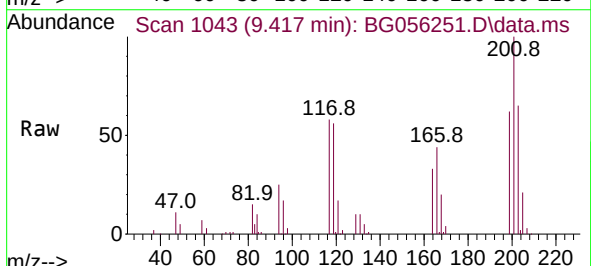
APPROVED

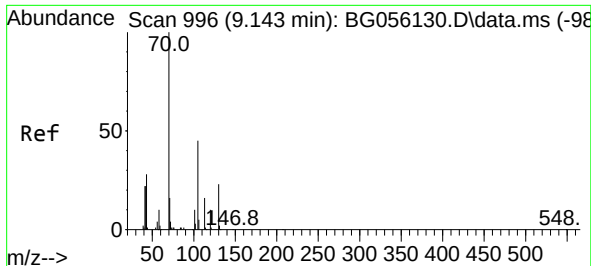
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#18
Hexachloroethane
Concen: 48.526 ng
RT: 9.417 min Scan# 1043
Delta R.T. 0.001 min
Lab File: BG056251.D
Acq: 11 Jan 2023 15:18

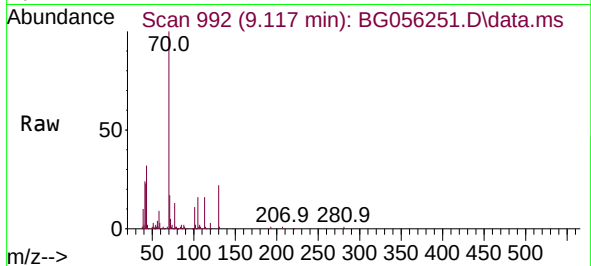
Tgt Ion:117 Resp: 45391
Ion Ratio Lower Upper
117 100
119 97.9 81.8 122.6
201 173.7 134.2 201.2





#19
n-Nitroso-di-n-propylamine
Concen: 41.889 ng
RT: 9.117 min Scan# 991
Delta R.T. 0.001 min
Lab File: BG056251.D
Acq: 11 Jan 2023 15:18

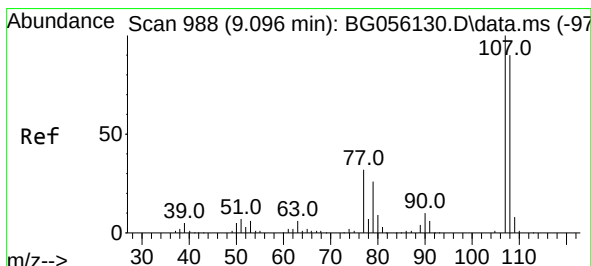
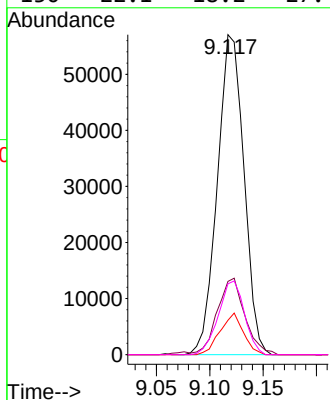
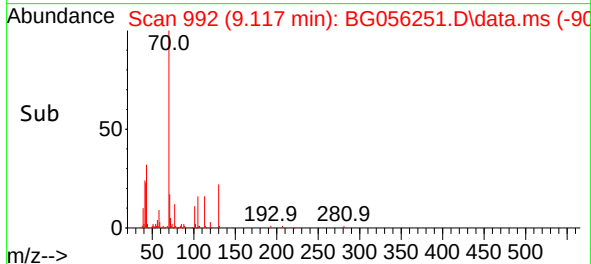
Instrument :
BNA_G
ClientSampleId :
TP-201MSD



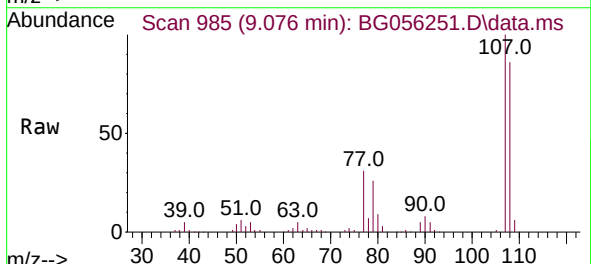
Tgt Ion: 70 Resp: 99038
Ion Ratio Lower Upper
70 100
42 22.9 18.2 27.2
101 10.7 8.3 12.5
130 22.1 18.2 27.4

Manual Integrations
APPROVED

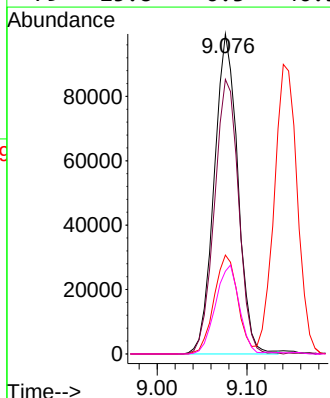
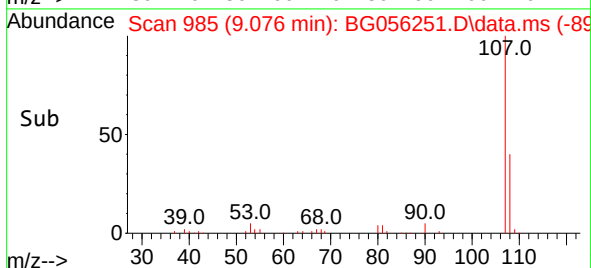
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023

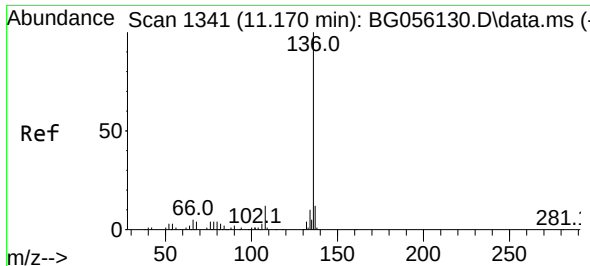


#20
3+4-Methylphenols
Concen: 44.773 ng
RT: 9.076 min Scan# 985
Delta R.T. 0.001 min
Lab File: BG056251.D
Acq: 11 Jan 2023 15:18



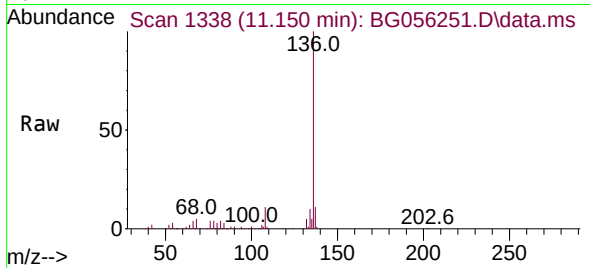
Tgt Ion:107 Resp: 182131
Ion Ratio Lower Upper
107 100
108 85.8 69.6 109.6
77 30.9 11.7 51.7
79 25.8 6.3 46.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.150 min Scan# 1341
Delta R.T. 0.001 min
Lab File: BG056251.D
Acq: 11 Jan 2023 15:18

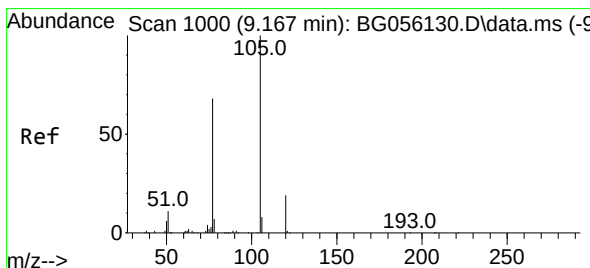
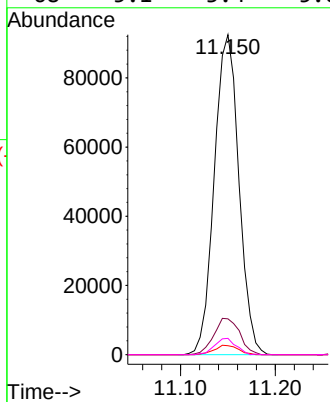
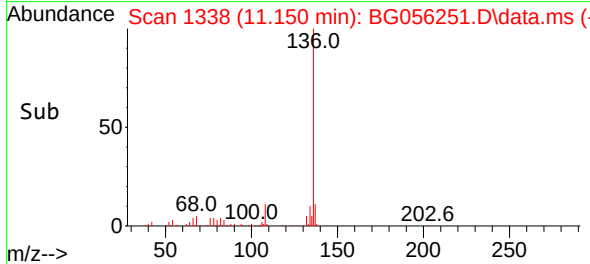
Instrument :
BNA_G
ClientSampleId :
TP-201MSD



Tgt Ion:136 Resp: 166528
Ion Ratio Lower Upper
136 100
137 11.2 9.4 14.0
54 2.8 2.2 3.2
68 5.1 3.4 5.0#

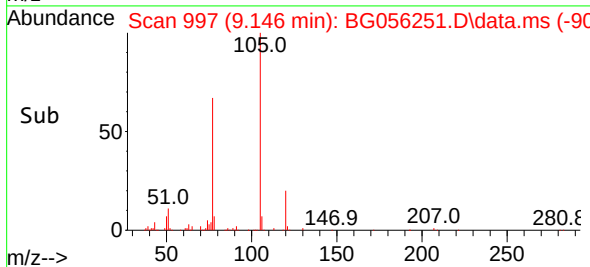
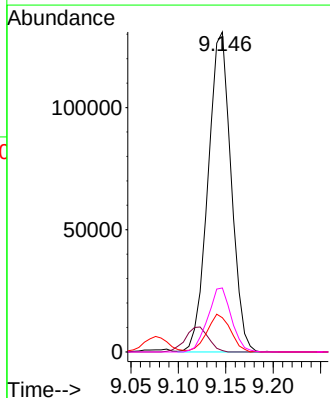
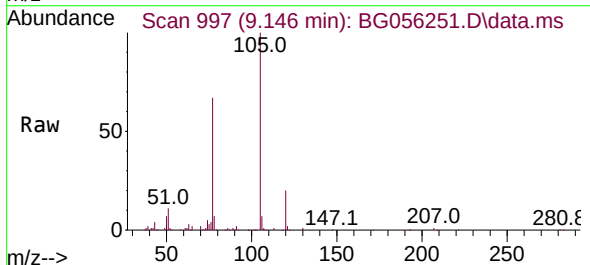
Manual Integrations
APPROVED

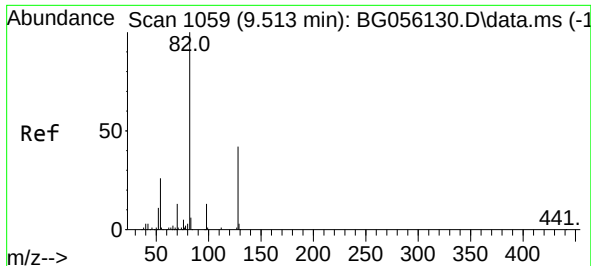
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#22
Acetophenone
Concen: 47.018 ng
RT: 9.146 min Scan# 997
Delta R.T. 0.007 min
Lab File: BG056251.D
Acq: 11 Jan 2023 15:18

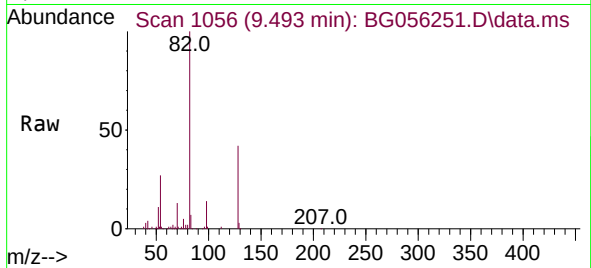
Tgt Ion:105 Resp: 221387
Ion Ratio Lower Upper
105 100
71 0.4 0.5 0.7#
51 10.7 9.3 13.9
120 20.0 15.5 23.3





#23
Nitrobenzene-d5
Concen: 98.197 ng
RT: 9.493 min Scan# 1056
Delta R.T. 0.001 min
Lab File: BG056251.D
Acq: 11 Jan 2023 15:18

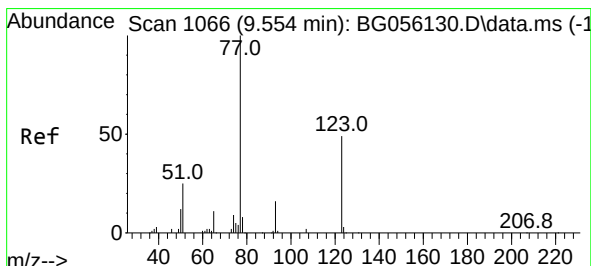
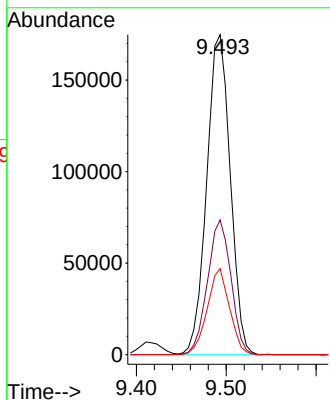
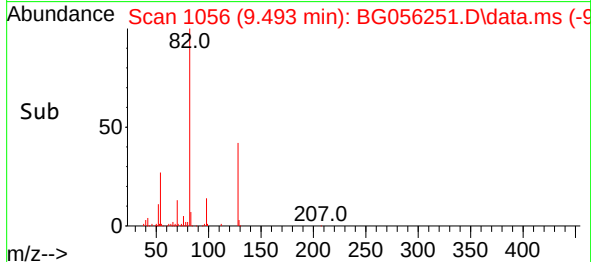
Instrument :
BNA_G
ClientSampleId :
TP-201MSD



Tgt Ion: 82 Resp: 319689
Ion Ratio Lower Upper
82 100
128 42.1 33.4 50.2
54 26.9 20.3 30.5

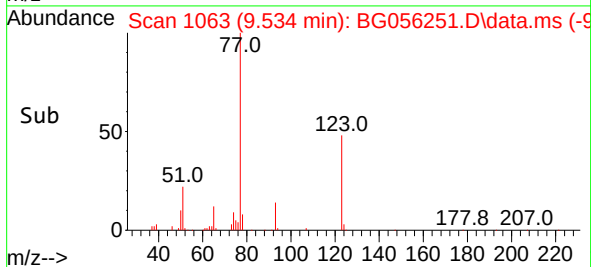
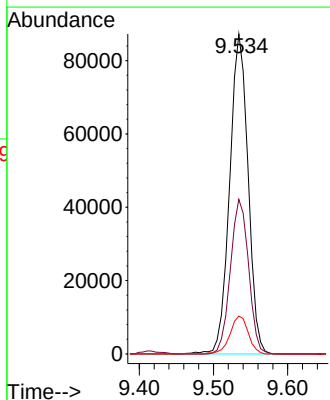
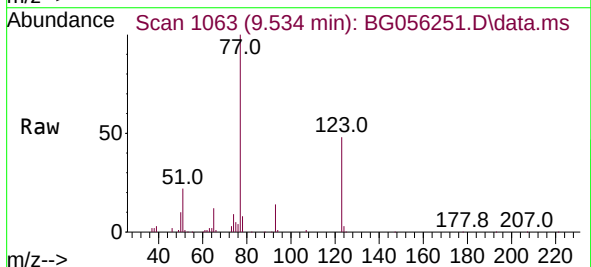
Manual Integrations
APPROVED

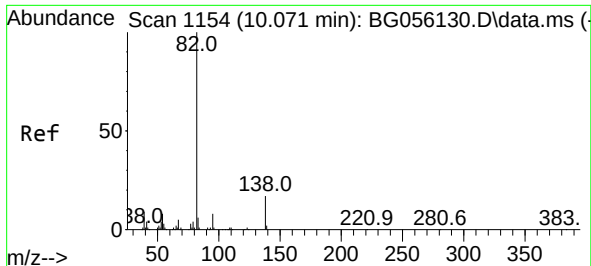
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#24
Nitrobenzene
Concen: 46.494 ng
RT: 9.534 min Scan# 1063
Delta R.T. 0.001 min
Lab File: BG056251.D
Acq: 11 Jan 2023 15:18

Tgt Ion: 77 Resp: 150002
Ion Ratio Lower Upper
77 100
123 48.3 38.8 58.2
65 11.8 9.1 13.7





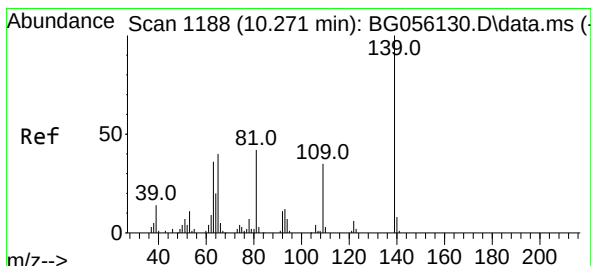
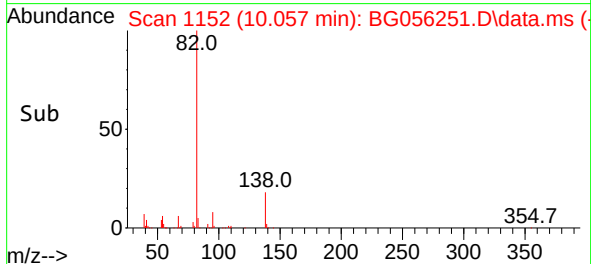
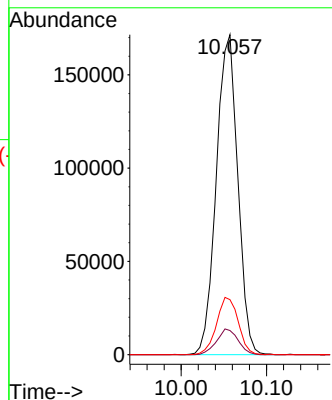
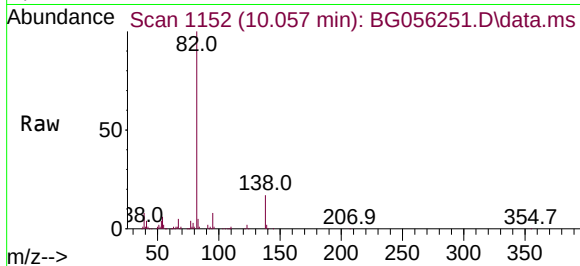
#25
Isophorone
Concen: 43.757 ng
RT: 10.057 min Scan# 1152
Delta R.T. 0.007 min
Lab File: BG056251.D
Acq: 11 Jan 2023 15:18

Instrument :
BNA_G
ClientSampleId :
TP-201MSD

Tgt Ion: 82 Resp: 299730
Ion Ratio Lower Upper
82 100
95 7.5 6.7 10.1
138 17.2 13.7 20.5

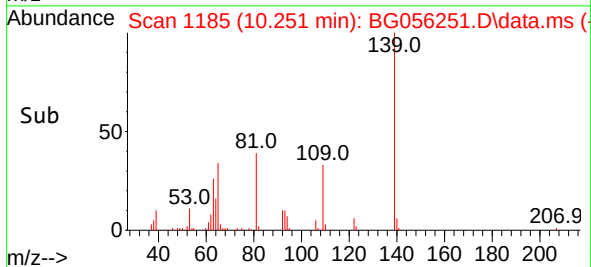
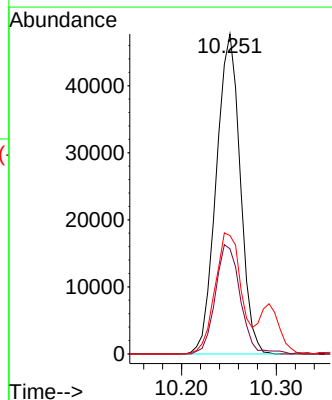
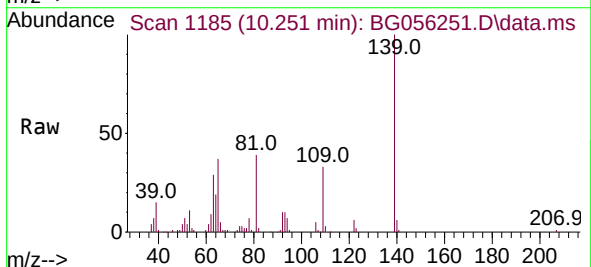
Manual Integrations
APPROVED

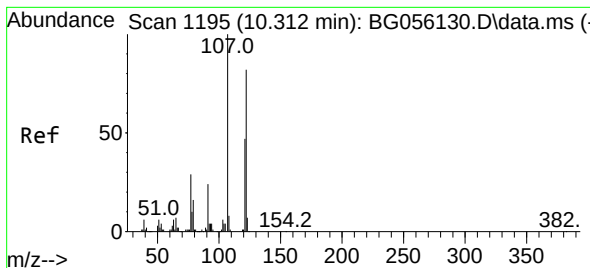
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#26
2-Nitrophenol
Concen: 50.673 ng
RT: 10.251 min Scan# 1185
Delta R.T. 0.001 min
Lab File: BG056251.D
Acq: 11 Jan 2023 15:18

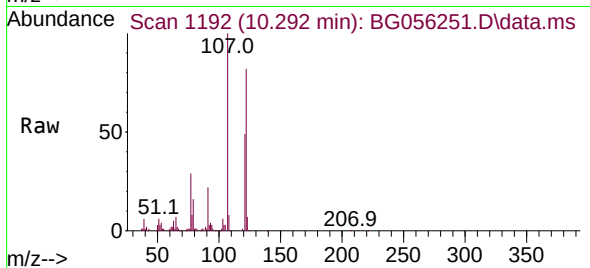
Tgt Ion:139 Resp: 83648
Ion Ratio Lower Upper
139 100
109 32.8 28.4 42.6
65 37.0 32.1 48.1





#27
2,4-Dimethylphenol
Concen: 48.577 ng
RT: 10.292 min Scan# 1195
Delta R.T. 0.001 min
Lab File: BG056251.D
Acq: 11 Jan 2023 15:18

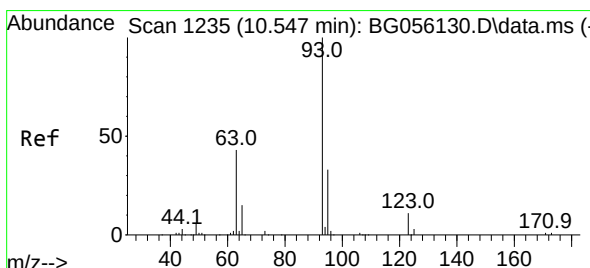
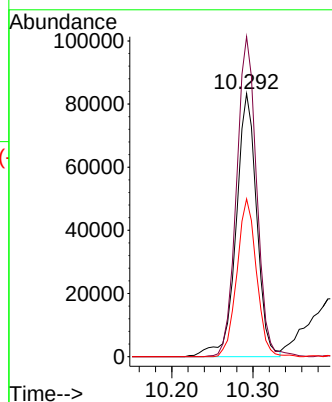
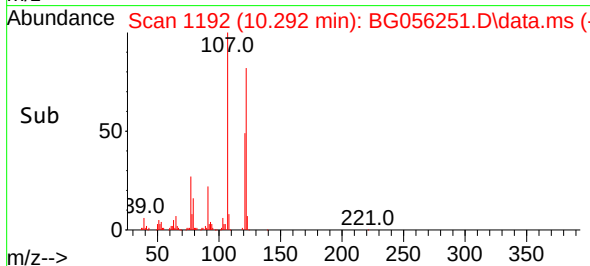
Instrument :
BNA_G
ClientSampleId :
TP-201MSD



Tgt Ion:122 Resp: 146255
Ion Ratio Lower Upper
122 100
107 121.7 97.5 146.3
121 60.0 45.9 68.9

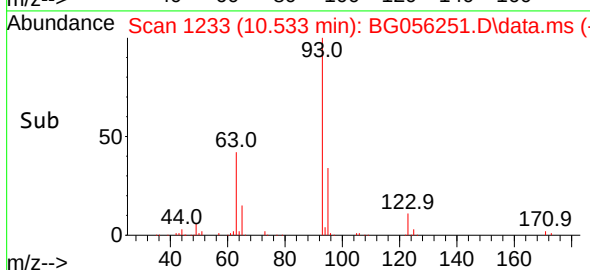
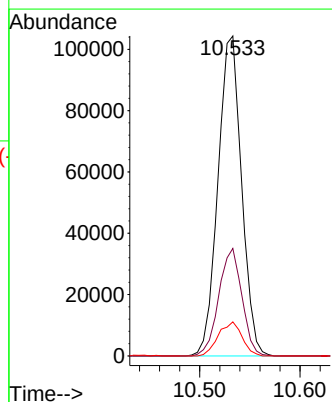
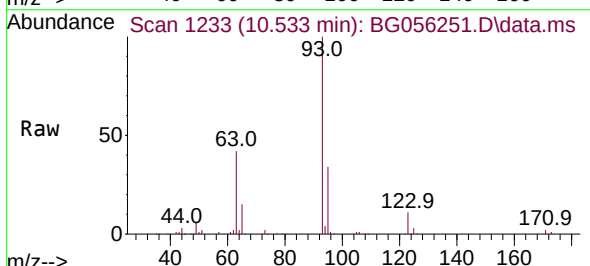
Manual Integrations
APPROVED

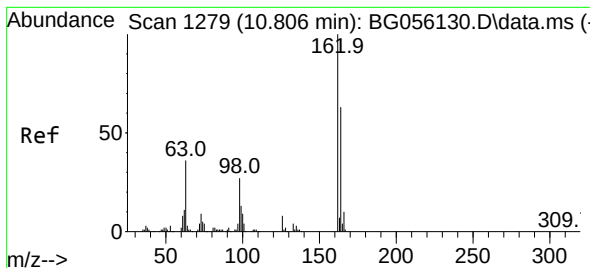
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#28
bis(2-Chloroethoxy)methane
Concen: 47.898 ng
RT: 10.533 min Scan# 1233
Delta R.T. 0.001 min
Lab File: BG056251.D
Acq: 11 Jan 2023 15:18

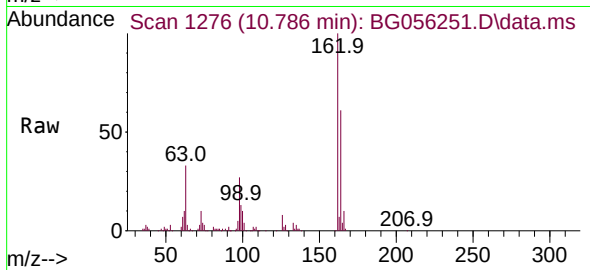
Tgt Ion: 93 Resp: 170525
Ion Ratio Lower Upper
93 100
95 33.6 26.2 39.2
123 10.6 9.0 13.6





#29
2,4-Dichlorophenol
Concen: 51.864 ng
RT: 10.786 min Scan# 1279
Delta R.T. 0.001 min
Lab File: BG056251.D
Acq: 11 Jan 2023 15:18

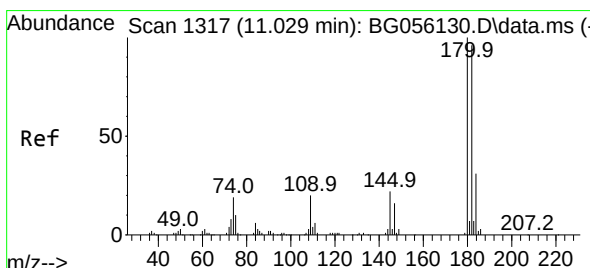
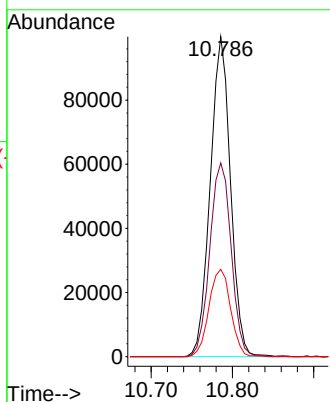
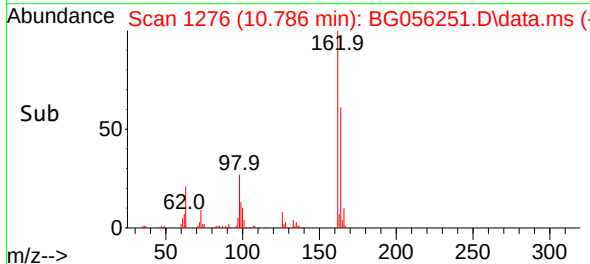
Instrument :
BNA_G
ClientSampleId :
TP-201MSD



Tgt Ion:162 Resp: 172636
Ion Ratio Lower Upper
162 100
164 60.6 43.3 83.3
98 27.3 6.8 46.8

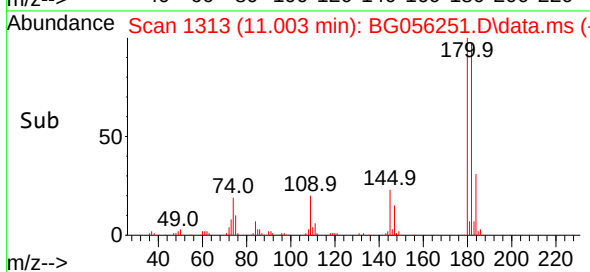
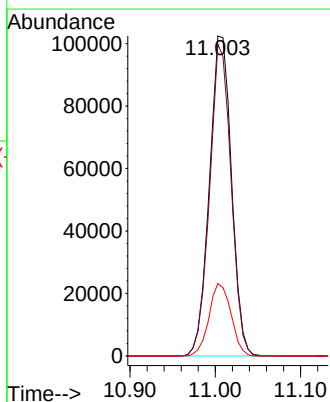
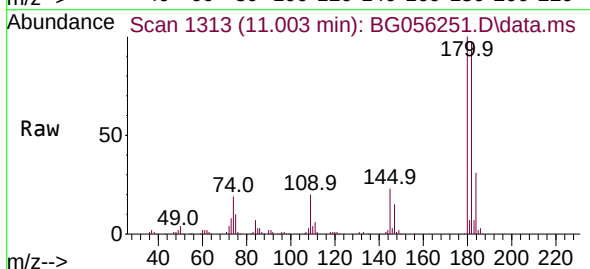
Manual Integrations
APPROVED

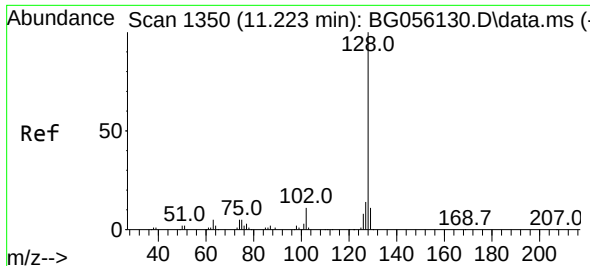
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#30
1,2,4-Trichlorobenzene
Concen: 48.681 ng
RT: 11.003 min Scan# 1313
Delta R.T. 0.001 min
Lab File: BG056251.D
Acq: 11 Jan 2023 15:18

Tgt Ion:180 Resp: 183884
Ion Ratio Lower Upper
180 100
182 97.4 77.0 115.4
145 22.6 17.4 26.2





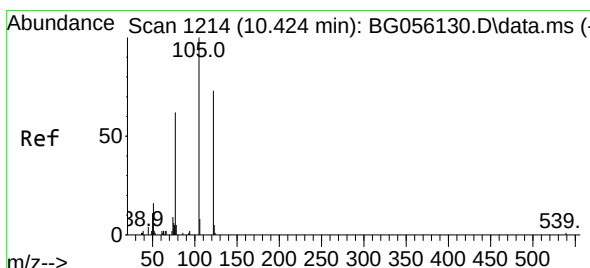
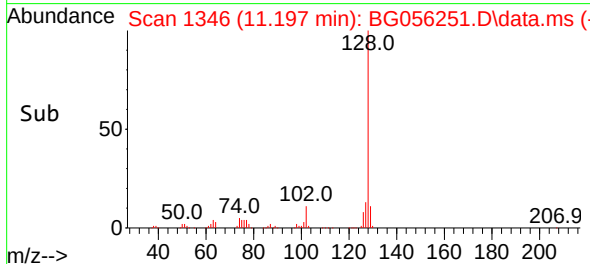
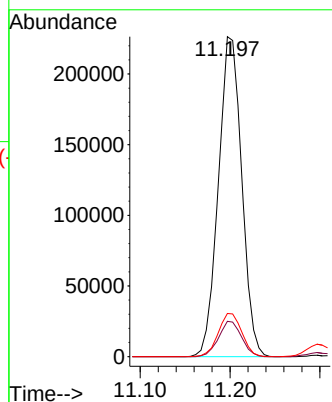
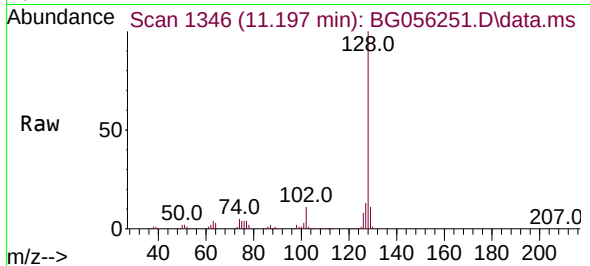
#31
Naphthalene
Concen: 46.709 ng
RT: 11.197 min Scan# 1346
Delta R.T. -0.005 min
Lab File: BG056251.D
Acq: 11 Jan 2023 15:18

Instrument :
BNA_G
ClientSampleId :
TP-201MSD

Tgt Ion:128 Resp: 409362
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.5 11.2 16.8

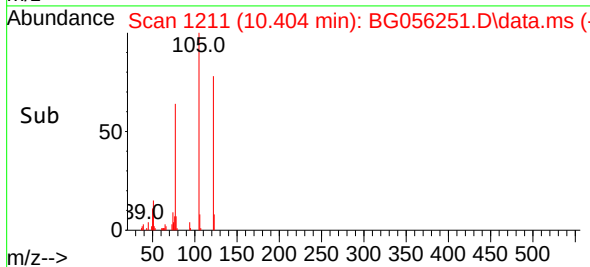
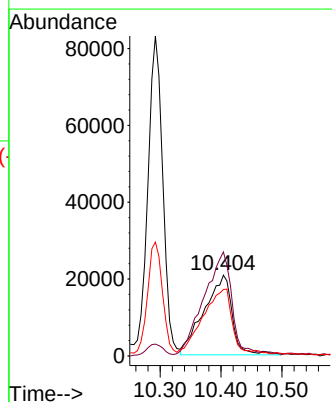
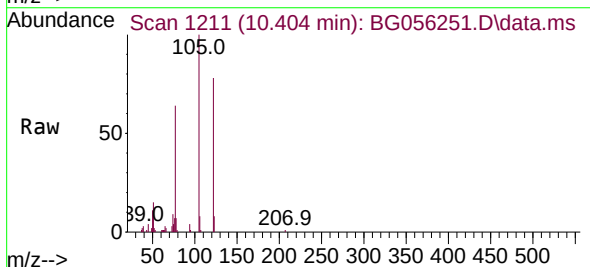
Manual Integrations
APPROVED

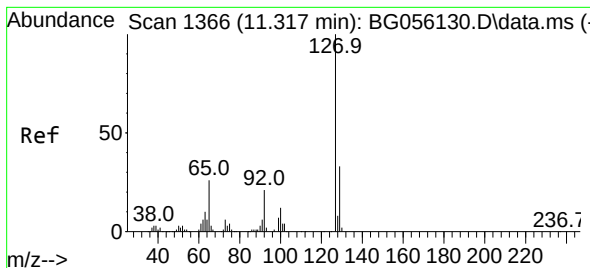
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#32
Benzoic acid
Concen: 29.949 ng m
RT: 10.404 min Scan# 1211
Delta R.T. -0.011 min
Lab File: BG056251.D
Acq: 11 Jan 2023 15:18

Tgt Ion:122 Resp: 66904
Ion Ratio Lower Upper
122 100
105 128.7 109.0 149.0
77 82.2 63.1 103.1





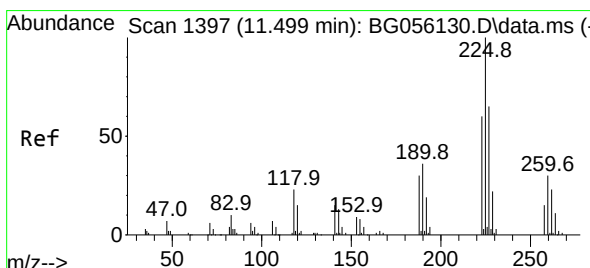
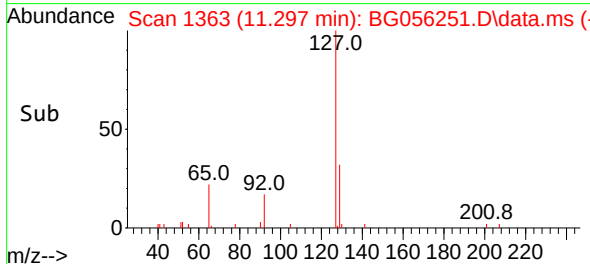
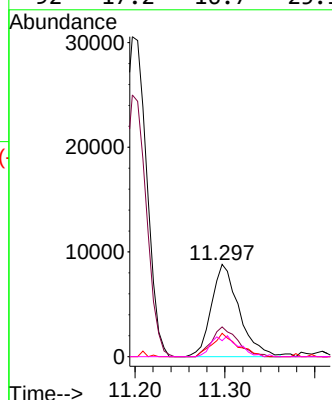
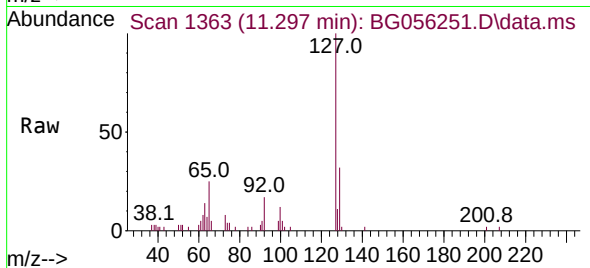
#33
4-Chloroaniline
Concen: 4.507 ng
RT: 11.297 min Scan# 1366
Delta R.T. 0.001 min
Lab File: BG056251.D
Acq: 11 Jan 2023 15:18

Instrument :
BNA_G
ClientSampleId :
TP-201MSD

Tgt Ion:	127	Resp:	1885
Ion Ratio	Lower	Upper	
127	100		
129	32.2	26.1	39.1
65	25.2	20.9	31.3
92	17.2	16.7	25.1

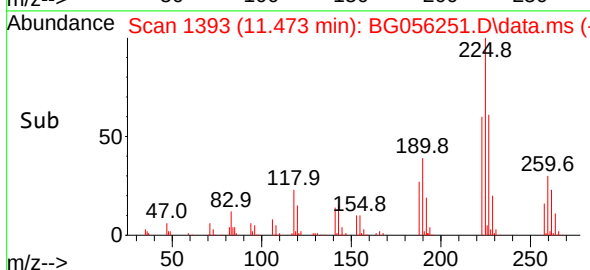
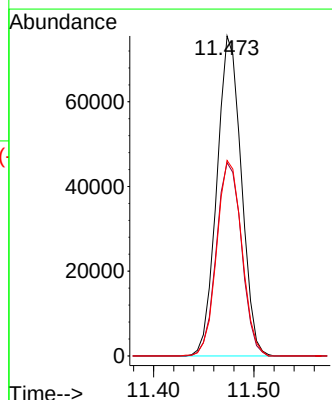
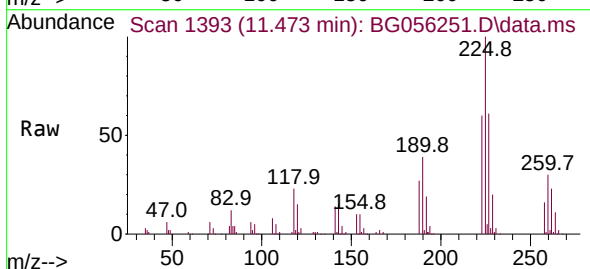
Manual Integrations
APPROVED

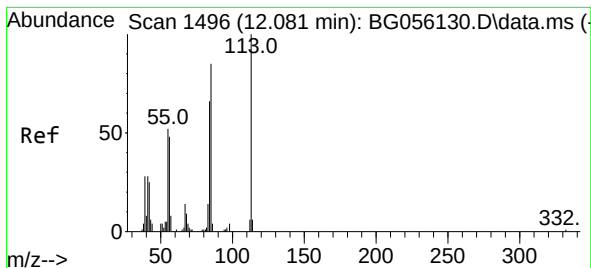
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#34
Hexachlorobutadiene
Concen: 47.142 ng
RT: 11.473 min Scan# 1393
Delta R.T. -0.005 min
Lab File: BG056251.D
Acq: 11 Jan 2023 15:18

Tgt Ion:	225	Resp:	128071
Ion Ratio	Lower	Upper	
225	100		
223	60.4	47.7	71.5
227	64.3	52.3	78.5





#35

Caprolactam

Concen: 41.259 ng m

RT: 12.061 min Scan# 14

Delta R.T. 0.001 min

Lab File: BG056251.D

Acq: 11 Jan 2023 15:18

Instrument :

BNA_G

ClientSampleId :

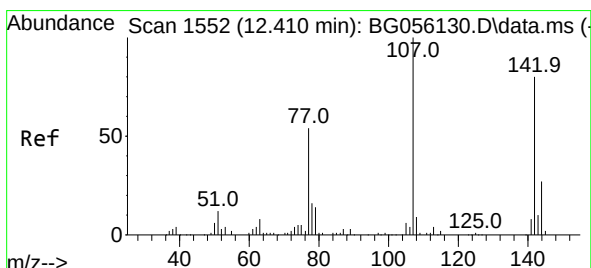
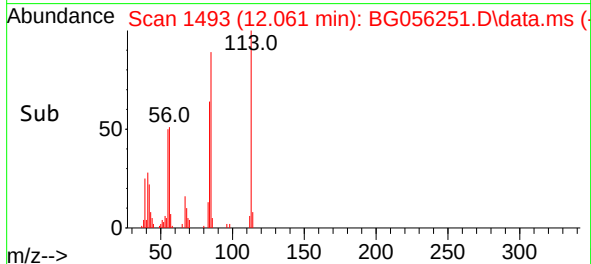
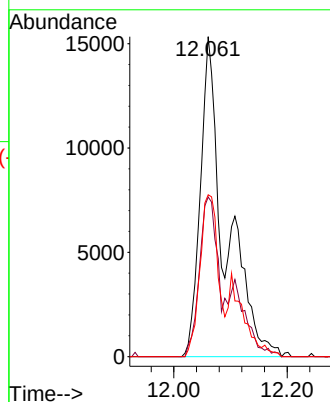
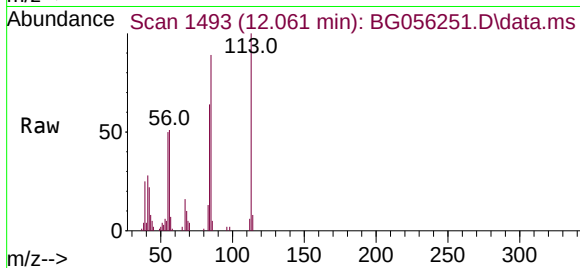
TP-201MSD

Tgt Ion:113	Resp:	4649
Ion Ratio	Lower	Upper
113	100	
55	49.9	31.9 71.9
56	50.6	27.6 67.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#36

4-Chloro-3-methylphenol

Concen: 49.647 ng

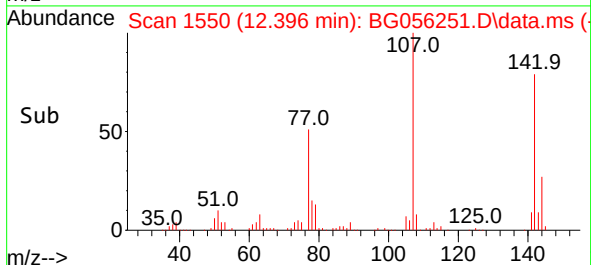
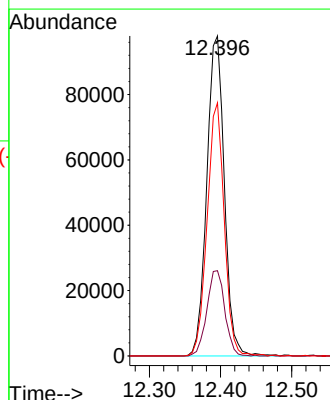
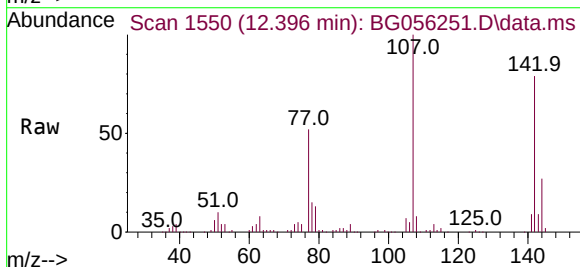
RT: 12.396 min Scan# 1550

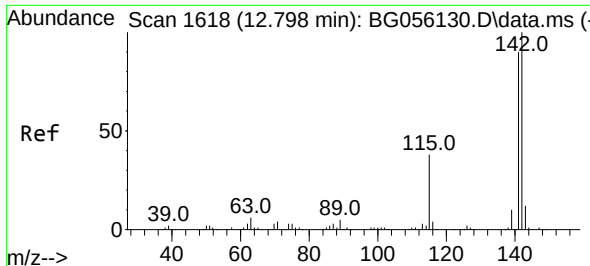
Delta R.T. 0.007 min

Lab File: BG056251.D

Acq: 11 Jan 2023 15:18

Tgt Ion:107	Resp:	167688
Ion Ratio	Lower	Upper
107	100	
144	26.6	21.5 32.3
142	79.1	63.8 95.6





#37

2-Methylnaphthalene

Concen: 42.947 ng

RT: 12.783 min Scan# 1616

Delta R.T. 0.007 min

Lab File: BG056251.D

Acq: 11 Jan 2023 15:18

Instrument :

BNA_G

ClientSampleId :

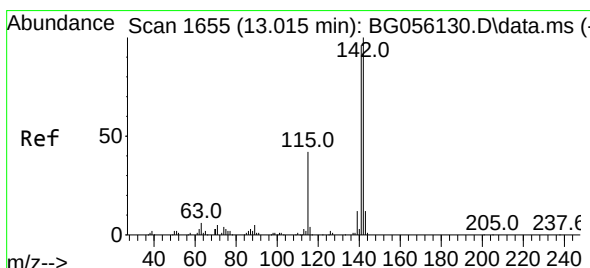
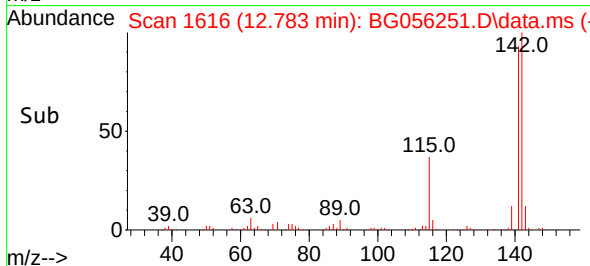
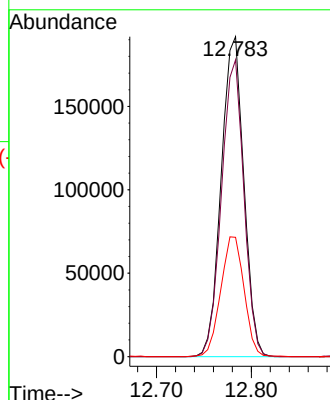
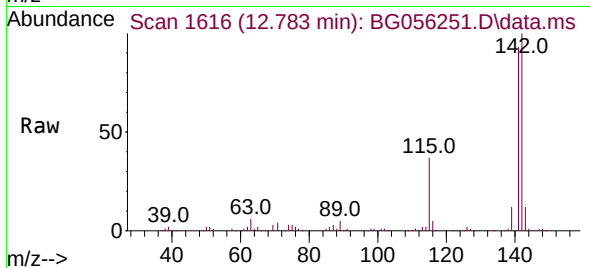
TP-201MSD

Tgt Ion:	142	Resp:	31781
Ion Ratio	Lower	Upper	
142	100		
141	92.7	72.2	108.4
115	37.3	30.7	46.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#38

1-Methylnaphthalene

Concen: 43.920 ng

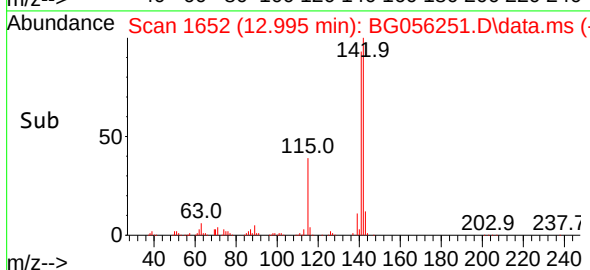
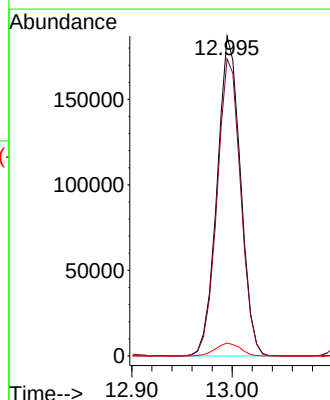
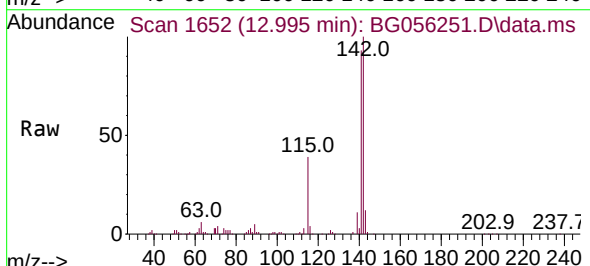
RT: 12.995 min Scan# 1652

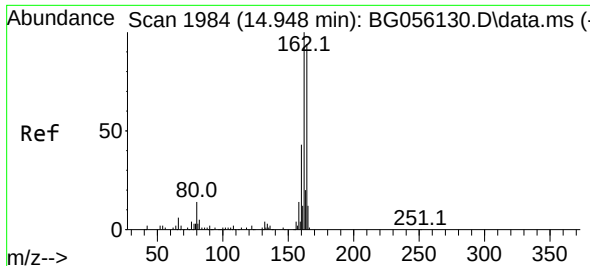
Delta R.T. 0.001 min

Lab File: BG056251.D

Acq: 11 Jan 2023 15:18

Tgt Ion:	142	Resp:	301810
Ion Ratio	Lower	Upper	
142	100		
141	92.8	77.0	115.6
116	4.0	3.6	5.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.928 min Scan# 1984
Delta R.T. 0.001 min
Lab File: BG056251.D
Acq: 11 Jan 2023 15:18

Instrument :

BNA_G

ClientSampleId :

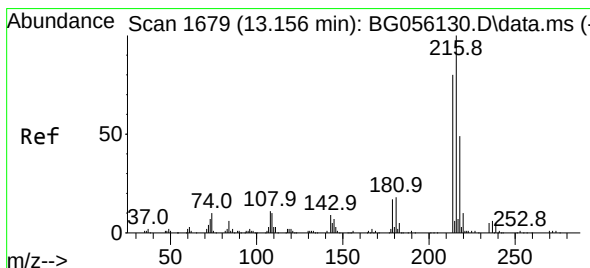
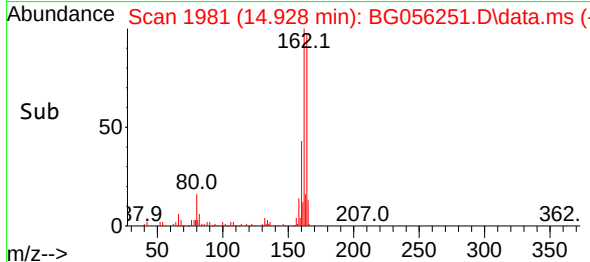
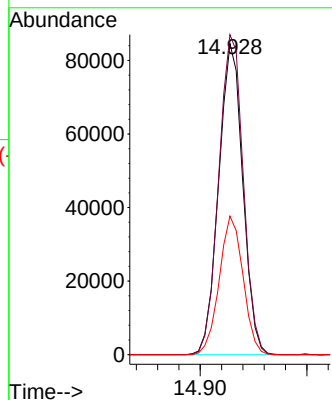
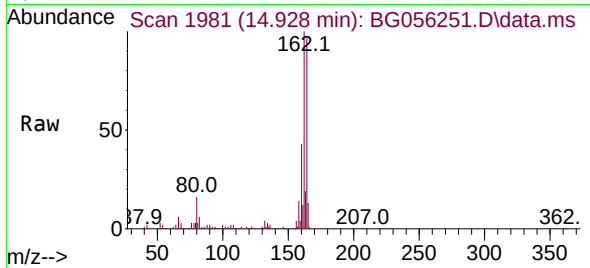
TP-201MSD

Tgt Ion:164 Resp: 132965
Ion Ratio Lower Upper
164 100
162 102.9 84.7 127.1
160 44.5 36.3 54.5

Manual Integrations

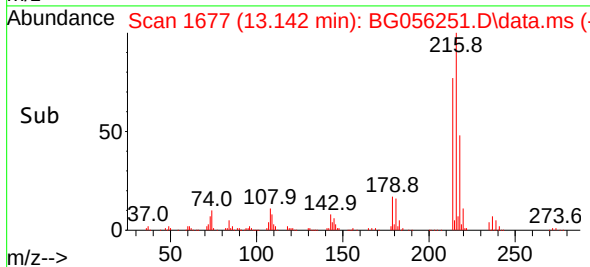
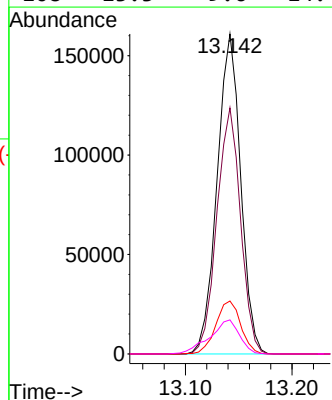
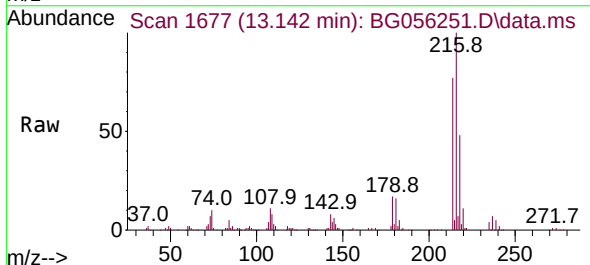
APPROVED

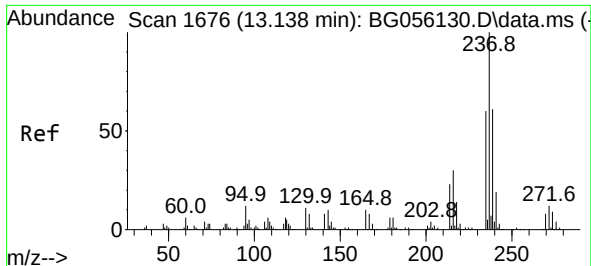
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.675 ng
RT: 13.142 min Scan# 1677
Delta R.T. 0.001 min
Lab File: BG056251.D
Acq: 11 Jan 2023 15:18

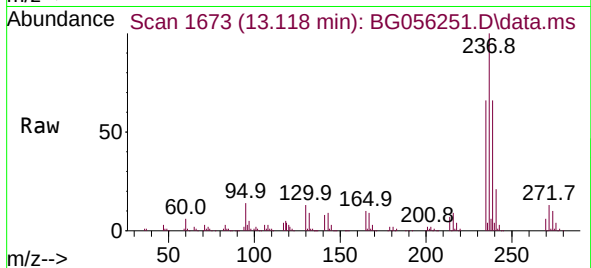
Tgt Ion:216 Resp: 247555
Ion Ratio Lower Upper
216 100
214 77.2 63.4 95.0
179 17.4 13.6 20.4
108 13.3 9.6 14.4





#41
Hexachlorocyclopentadiene
Concen: 102.864 ng
RT: 13.118 min Scan# 1673
Delta R.T. 0.001 min
Lab File: BG056251.D
Acq: 11 Jan 2023 15:18

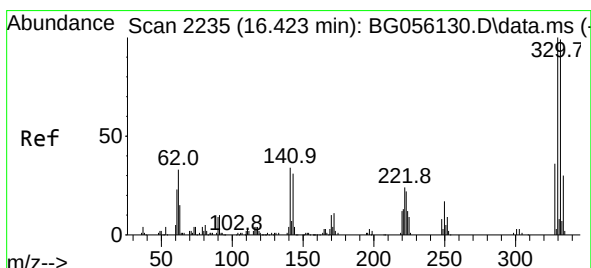
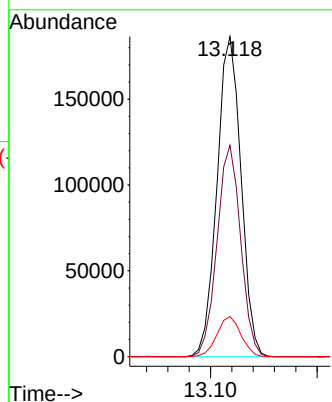
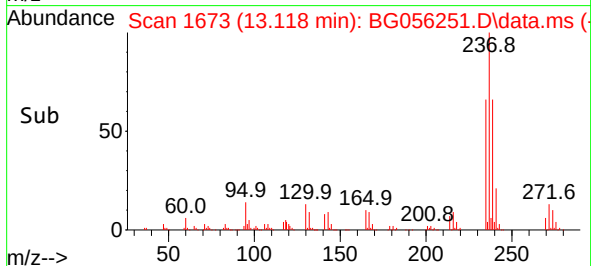
Instrument :
BNA_G
ClientSampleId :
TP-201MSD



Tgt Ion:237 Resp: 292258
Ion Ratio Lower Upper
237 100
235 66.0 40.3 80.3
272 12.5 0.0 32.5

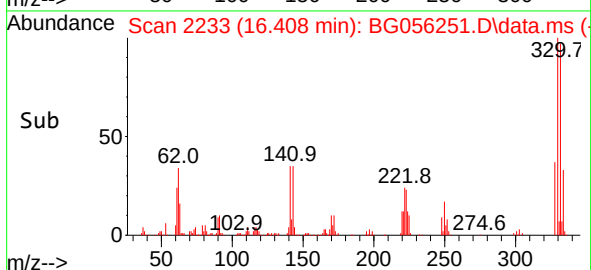
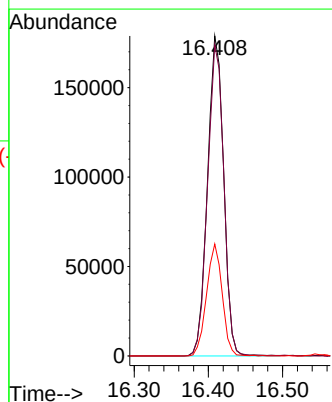
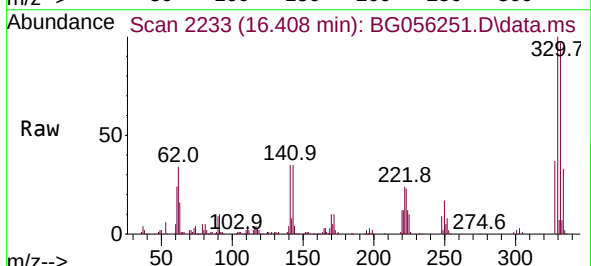
Manual Integrations
APPROVED

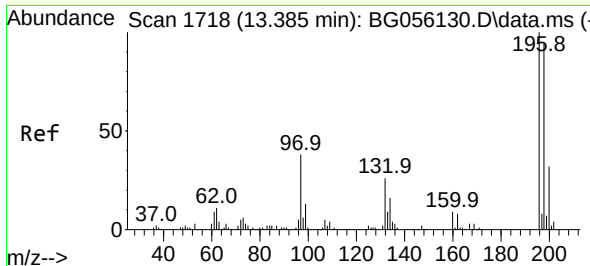
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#42
2,4,6-Tribromophenol
Concen: 160.486 ng
RT: 16.408 min Scan# 2233
Delta R.T. 0.001 min
Lab File: BG056251.D
Acq: 11 Jan 2023 15:18

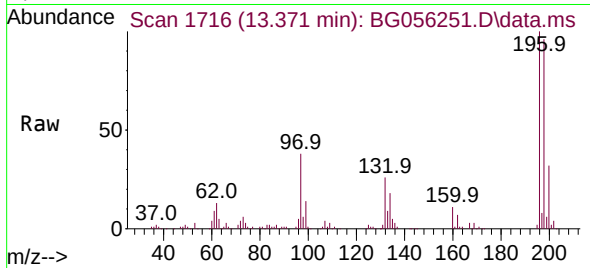
Tgt Ion:330 Resp: 270256
Ion Ratio Lower Upper
330 100
332 97.9 77.3 115.9
141 33.9 27.9 41.9





#43
2,4,6-Trichlorophenol
Concen: 51.976 ng
RT: 13.371 min Scan# 1717
Delta R.T. 0.001 min
Lab File: BG056251.D
Acq: 11 Jan 2023 15:18

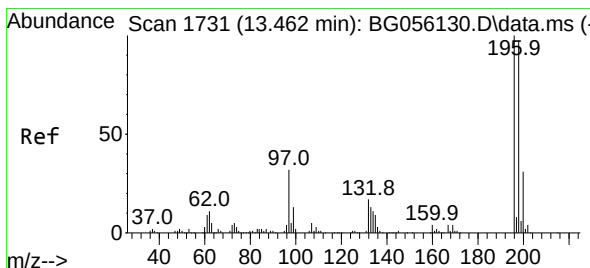
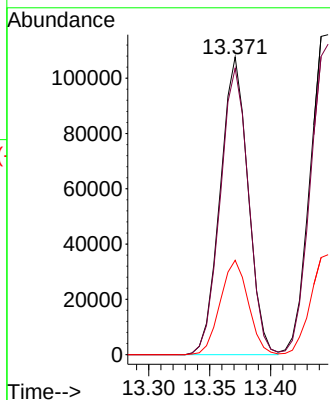
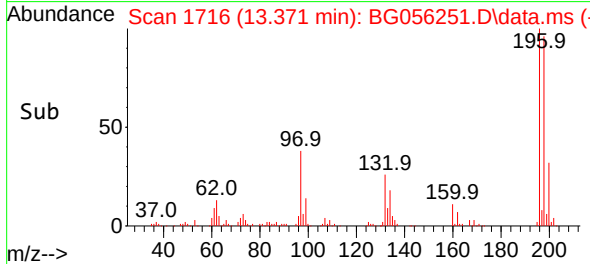
Instrument :
BNA_G
ClientSampleId :
TP-201MSD



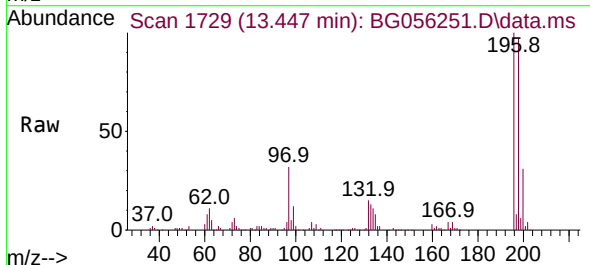
Tgt Ion:196 Resp: 171278
Ion Ratio Lower Upper
196 100
198 96.2 75.5 113.3
200 31.7 25.7 38.5

Manual Integrations
APPROVED

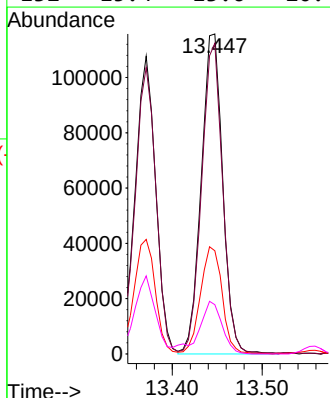
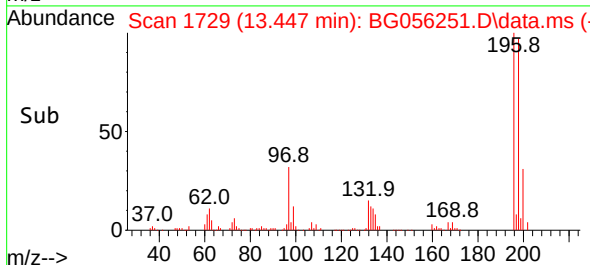
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023

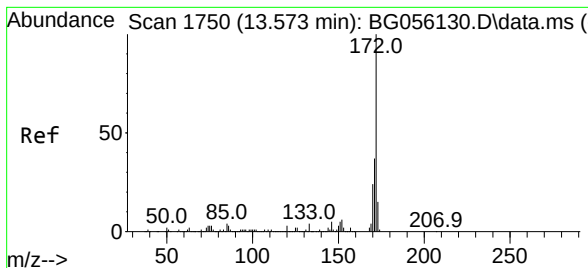


#44
2,4,5-Trichlorophenol
Concen: 49.320 ng
RT: 13.447 min Scan# 1729
Delta R.T. 0.007 min
Lab File: BG056251.D
Acq: 11 Jan 2023 15:18



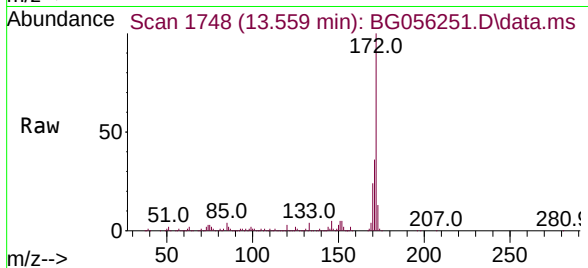
Tgt Ion:196 Resp: 192257
Ion Ratio Lower Upper
196 100
198 97.0 78.0 117.0
97 32.2 25.7 38.5
132 15.4 13.6 20.4





#45
2-Fluorobiphenyl
Concen: 99.847 ng
RT: 13.559 min Scan# 1748
Delta R.T. 0.001 min
Lab File: BG056251.D
Acq: 11 Jan 2023 15:18

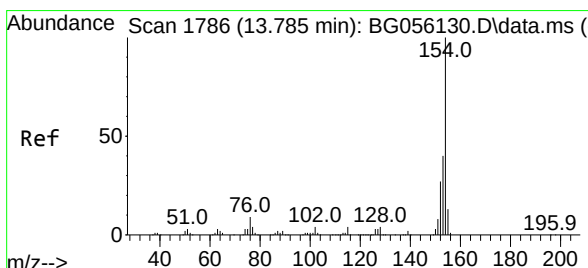
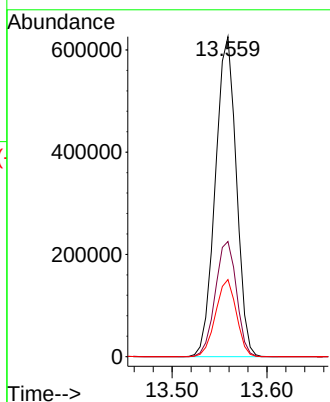
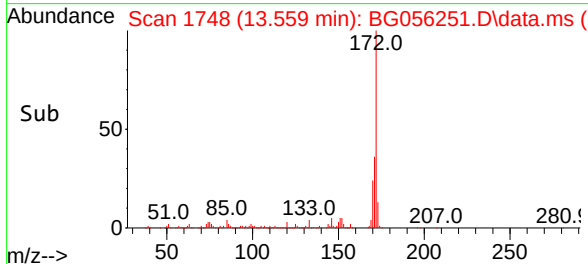
Instrument :
BNA_G
ClientSampleId :
TP-201MSD



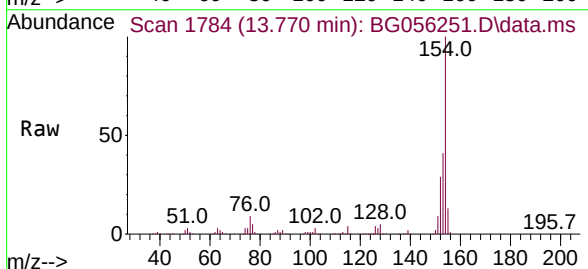
Tgt Ion:172 Resp: 961419
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 24.1 19.4 29.2

Manual Integrations
APPROVED

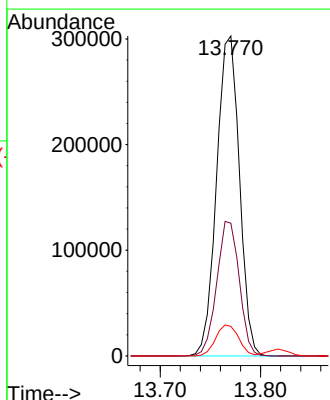
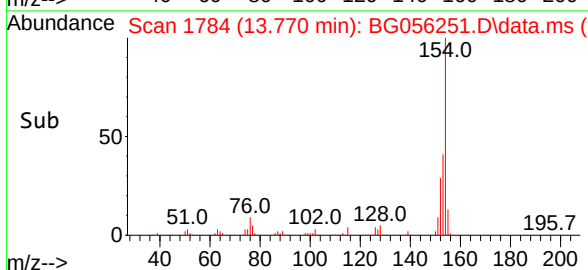
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023

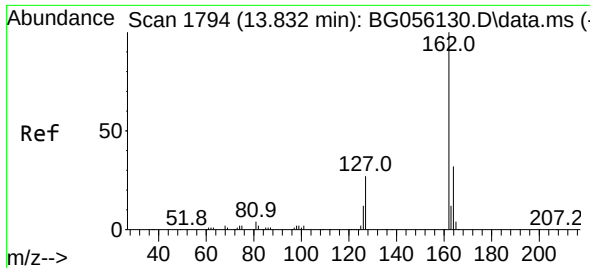


#46
1,1'-Biphenyl
Concen: 50.290 ng
RT: 13.770 min Scan# 1784
Delta R.T. 0.001 min
Lab File: BG056251.D
Acq: 11 Jan 2023 15:18



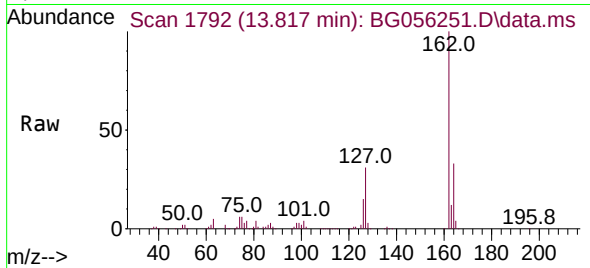
Tgt Ion:154 Resp: 478888
Ion Ratio Lower Upper
154 100
153 41.5 20.0 60.0
76 9.2 0.0 29.3





#47
2-Chloronaphthalene
Concen: 50.809 ng
RT: 13.817 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG056251.D
Acq: 11 Jan 2023 15:18

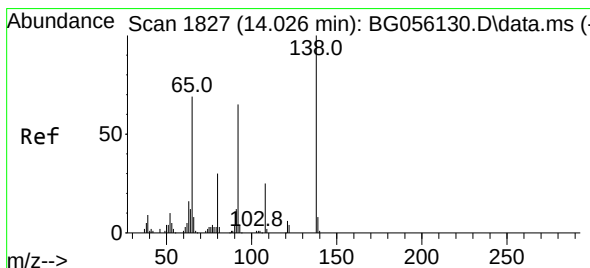
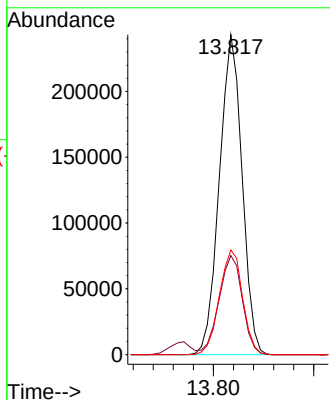
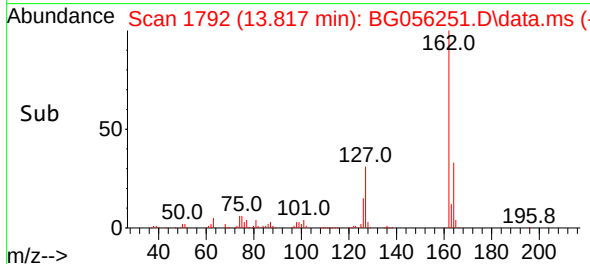
Instrument :
BNA_G
ClientSampleId :
TP-201MSD



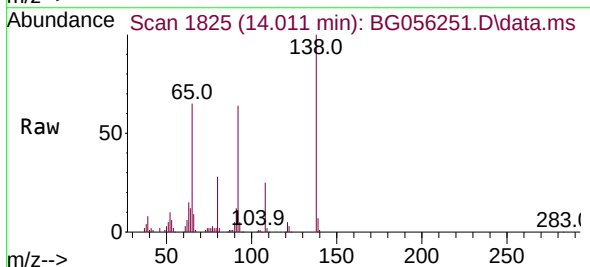
Tgt Ion:162 Resp: 38189
Ion Ratio Lower Upper
162 100
127 31.0 24.6 36.8
164 32.7 25.8 38.8

Manual Integrations
APPROVED

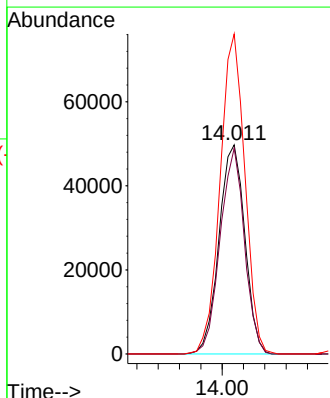
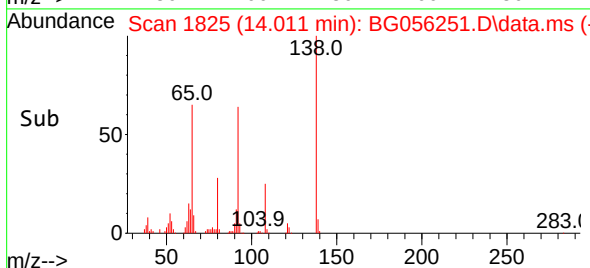
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023

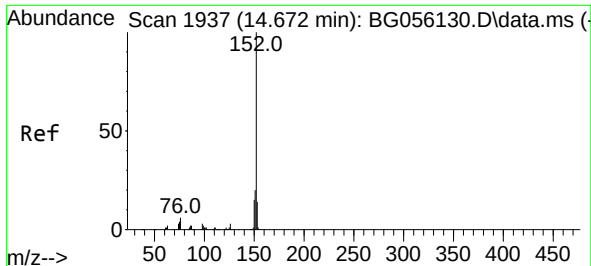


#48
2-Nitroaniline
Concen: 52.227 ng
RT: 14.011 min Scan# 1825
Delta R.T. 0.001 min
Lab File: BG056251.D
Acq: 11 Jan 2023 15:18



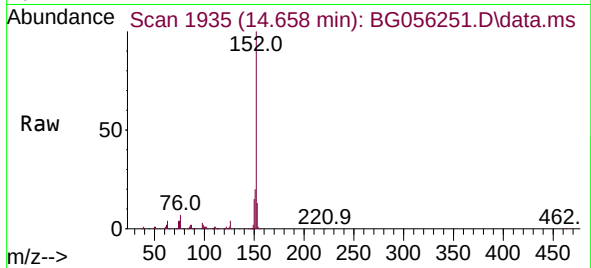
Tgt Ion: 65 Resp: 83638
Ion Ratio Lower Upper
65 100
92 98.4 76.0 114.0
138 153.1 116.6 174.8





#49
Acenaphthylene
Concen: 48.615 ng
RT: 14.658 min Scan# 1935
Delta R.T. 0.001 min
Lab File: BG056251.D
Acq: 11 Jan 2023 15:18

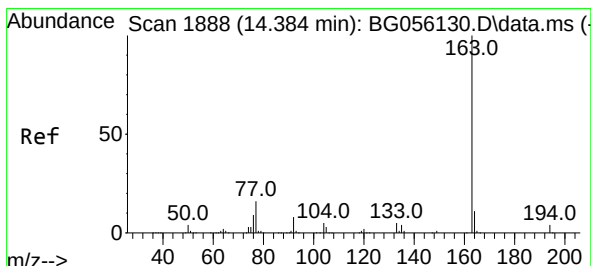
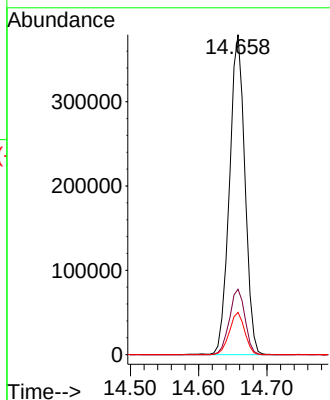
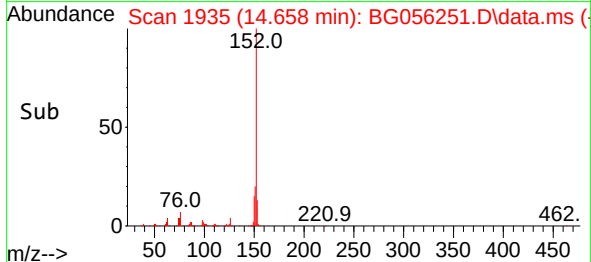
Instrument :
BNA_G
ClientSampleId :
TP-201MSD



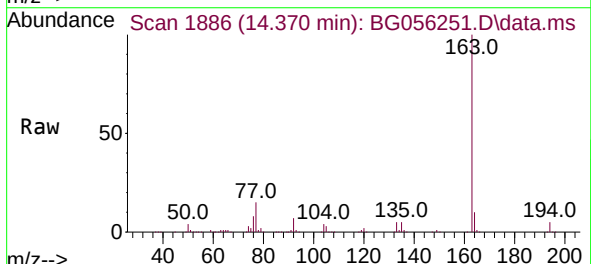
Tgt Ion:152 Resp: 594627
Ion Ratio Lower Upper
152 100
151 20.4 16.0 24.0
153 13.2 11.0 16.6

Manual Integrations
APPROVED

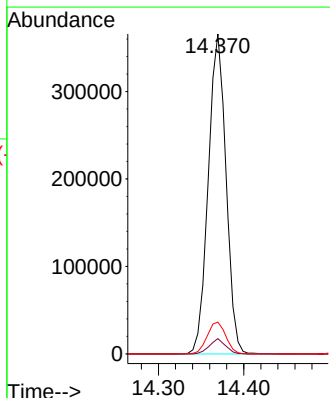
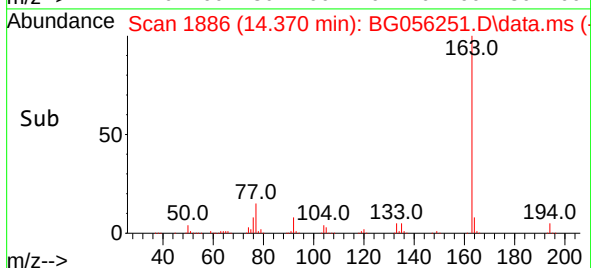
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023

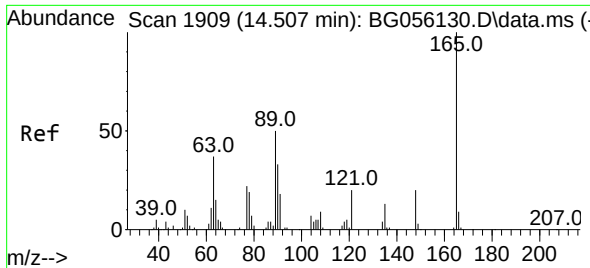


#50
Dimethylphthalate
Concen: 49.204 ng
RT: 14.370 min Scan# 1886
Delta R.T. 0.001 min
Lab File: BG056251.D
Acq: 11 Jan 2023 15:18



Tgt Ion:163 Resp: 528139
Ion Ratio Lower Upper
163 100
194 4.8 3.5 5.3
164 9.9 8.7 13.1





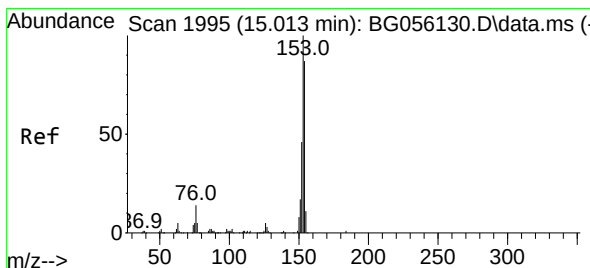
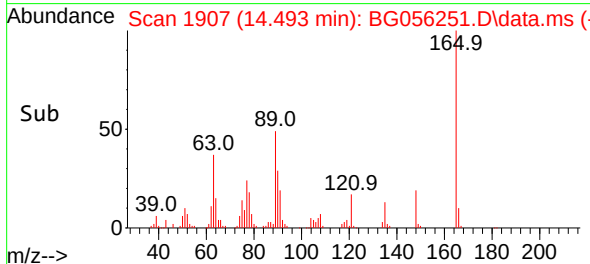
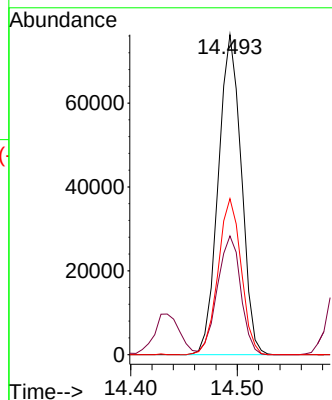
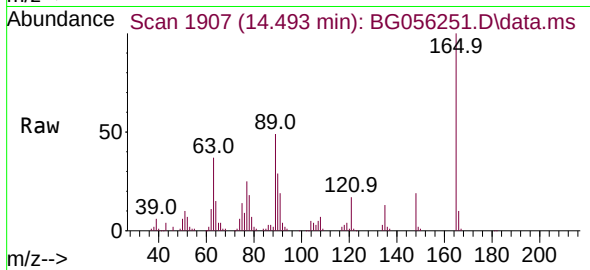
#51
2,6-Dinitrotoluene
Concen: 50.122 ng
RT: 14.493 min Scan# 1909
Delta R.T. 0.001 min
Lab File: BG056251.D
Acq: 11 Jan 2023 15:18

Instrument :
BNA_G
ClientSampleId :
TP-201MSD

Tgt Ion:165 Resp: 114637
Ion Ratio Lower Upper
165 100
63 37.1 32.2 48.2
89 48.8 39.8 59.8

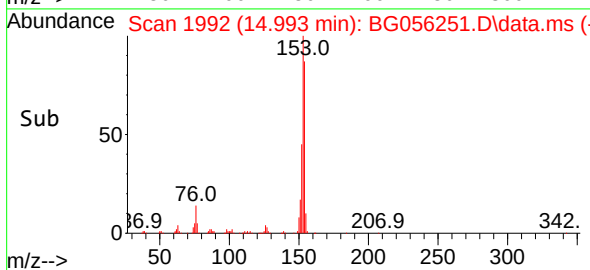
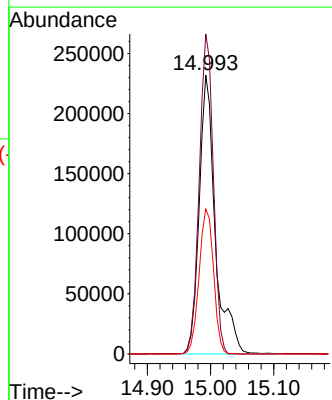
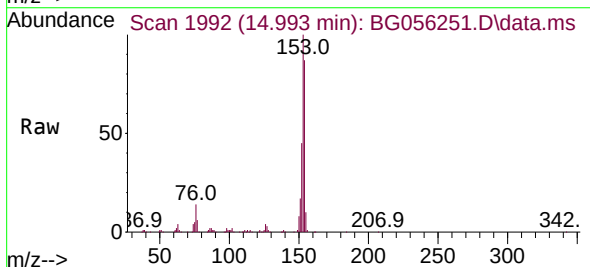
Manual Integrations
APPROVED

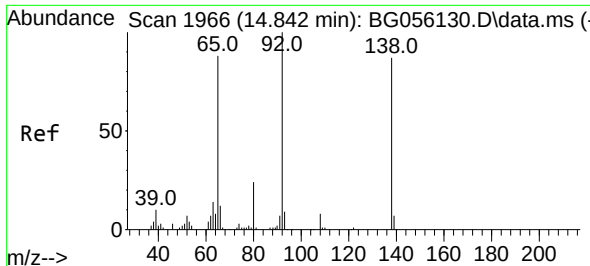
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#52
Acenaphthene
Concen: 51.778 ng
RT: 14.993 min Scan# 1992
Delta R.T. 0.001 min
Lab File: BG056251.D
Acq: 11 Jan 2023 15:18

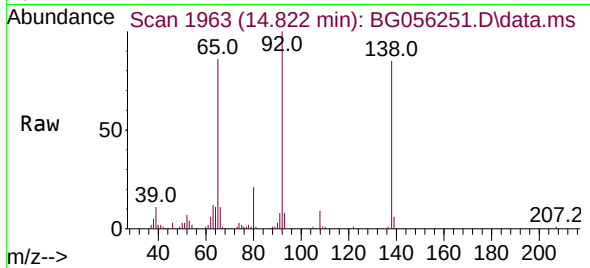
Tgt Ion:154 Resp: 411907
Ion Ratio Lower Upper
154 100
153 114.8 92.0 138.0
152 51.9 42.5 63.7





#53
3-Nitroaniline
Concen: 22.952 ng
RT: 14.822 min Scan# 1966
Delta R.T. 0.001 min
Lab File: BG056251.D
Acq: 11 Jan 2023 15:18

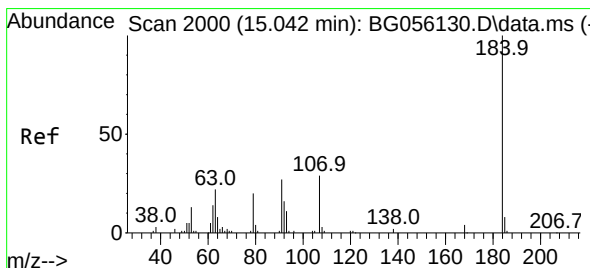
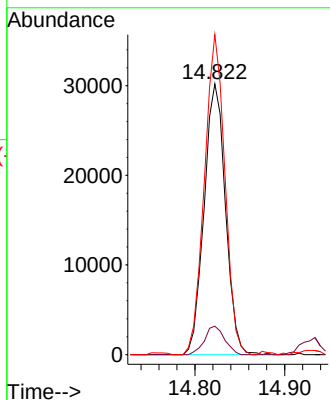
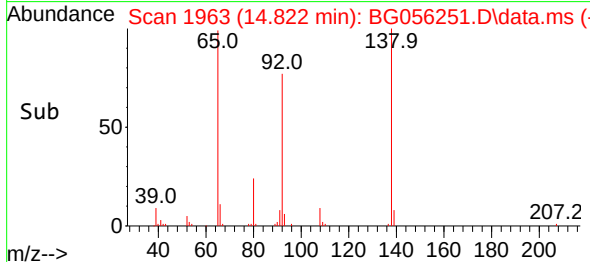
Instrument :
BNA_G
ClientSampleId :
TP-201MSD



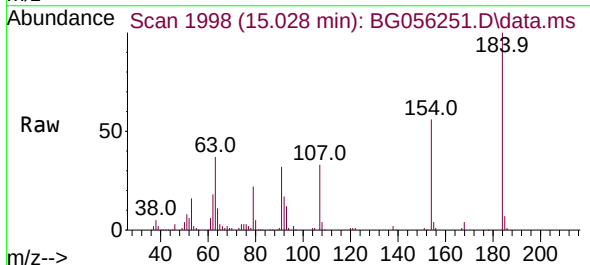
Tgt Ion:138 Resp: 49960
Ion Ratio Lower Upper
138 100
108 10.5 7.6 11.4
92 118.2 91.7 137.5

Manual Integrations
APPROVED

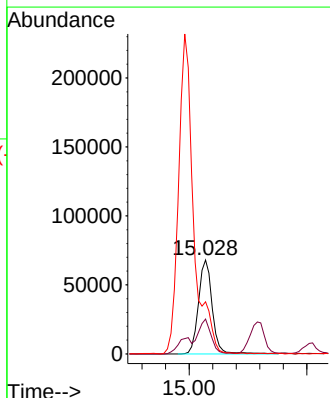
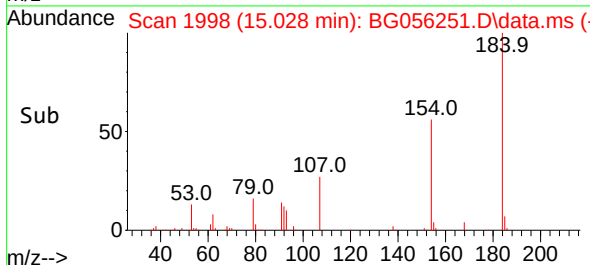
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023

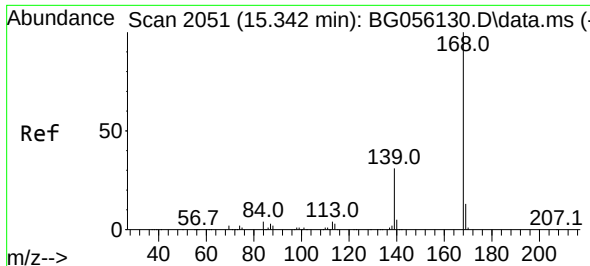


#54
2,4-Dinitrophenol
Concen: 67.453 ng
RT: 15.028 min Scan# 1998
Delta R.T. 0.001 min
Lab File: BG056251.D
Acq: 11 Jan 2023 15:18



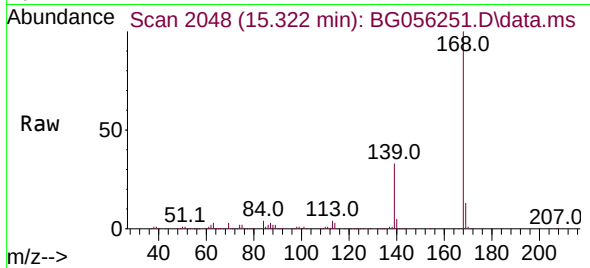
Tgt Ion:184 Resp: 110214
Ion Ratio Lower Upper
184 100
63 37.1 24.0 36.0#
154 55.6 45.4 68.0





#55
Dibenzofuran
Concen: 48.918 ng
RT: 15.322 min Scan# 2051
Delta R.T. -0.005 min
Lab File: BG056251.D
Acq: 11 Jan 2023 15:18

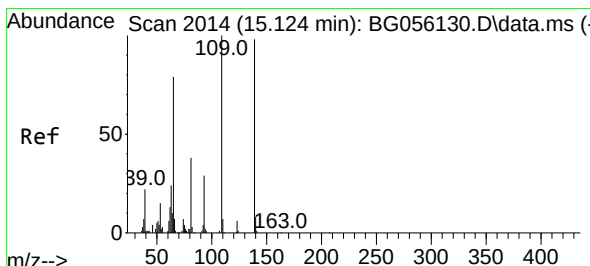
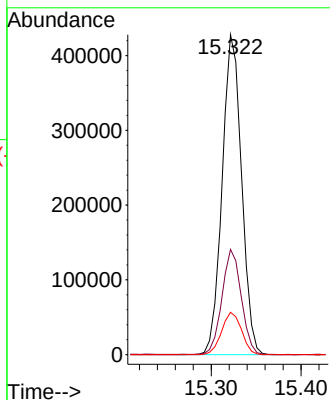
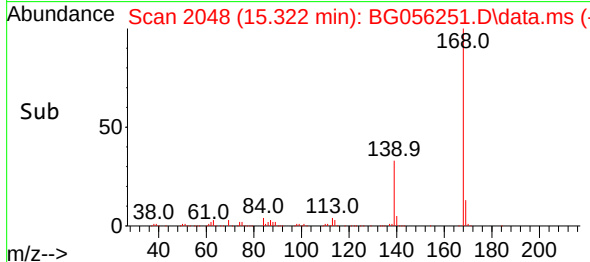
Instrument :
BNA_G
ClientSampleId :
TP-201MSD



Tgt Ion:168 Resp: 643981
Ion Ratio Lower Upper
168 100
139 32.9 24.7 37.1
169 13.2 10.3 15.5

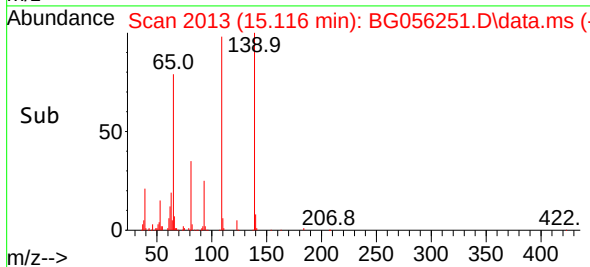
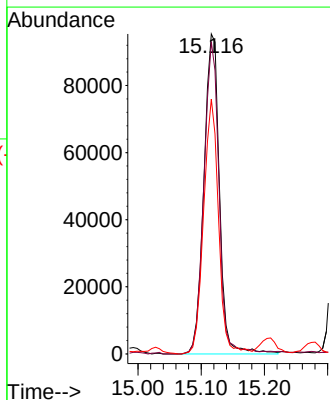
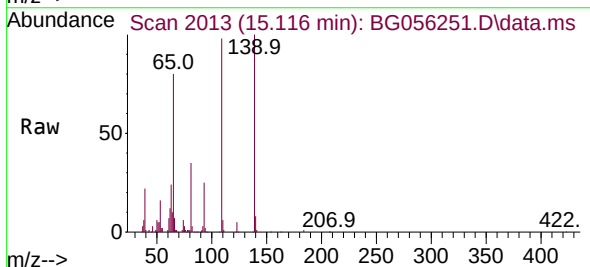
Manual Integrations
APPROVED

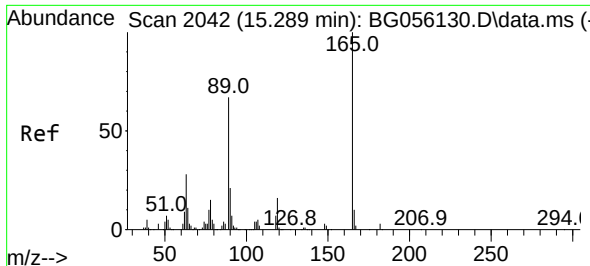
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#56
4-Nitrophenol
Concen: 97.307 ng
RT: 15.116 min Scan# 2013
Delta R.T. 0.007 min
Lab File: BG056251.D
Acq: 11 Jan 2023 15:18

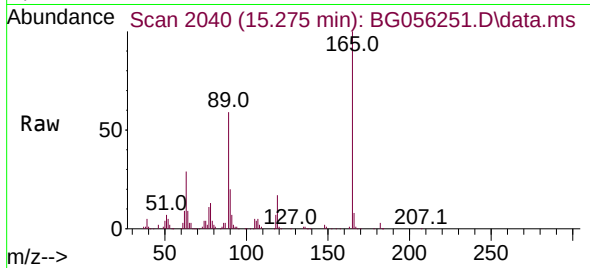
Tgt Ion:139 Resp: 162901
Ion Ratio Lower Upper
139 100
109 97.5 82.2 122.2
65 79.6 60.6 100.6





#57
2,4-Dinitrotoluene
Concen: 51.905 ng
RT: 15.275 min Scan# 2042
Delta R.T. 0.001 min
Lab File: BG056251.D
Acq: 11 Jan 2023 15:18

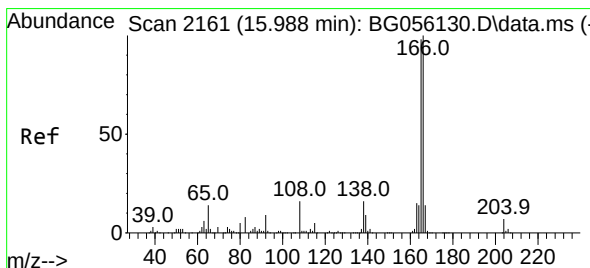
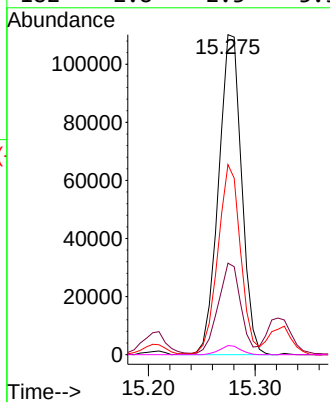
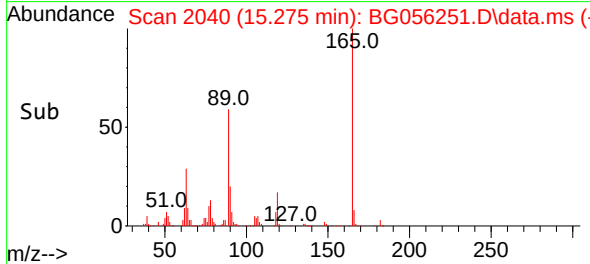
Instrument :
BNA_G
ClientSampleId :
TP-201MSD



Tgt Ion:165 Resp: 166024
Ion Ratio Lower Upper
165 100
63 28.6 22.6 34.0
89 59.4 53.2 79.8
182 2.8 2.3 3.5

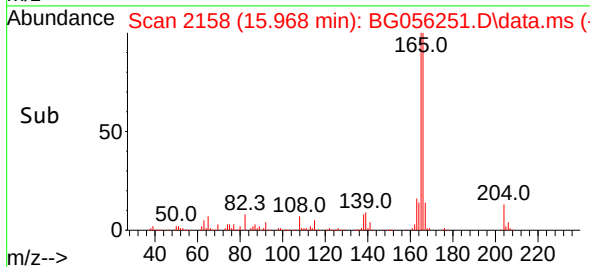
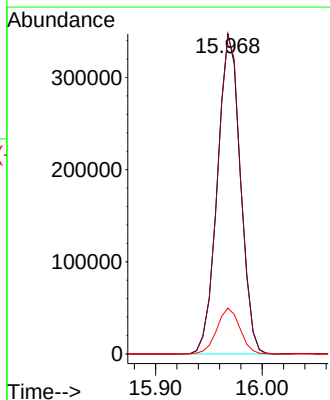
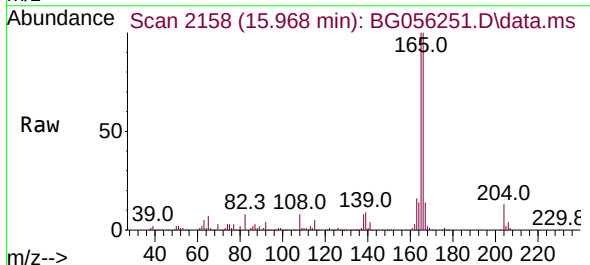
Manual Integrations
APPROVED

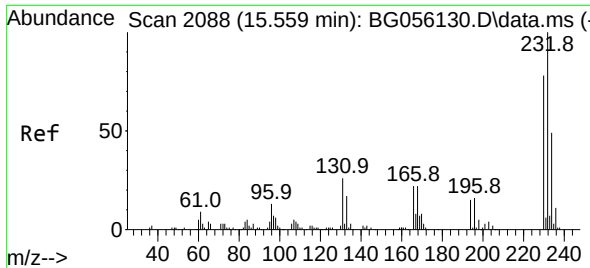
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#58
Fluorene
Concen: 49.167 ng
RT: 15.968 min Scan# 2158
Delta R.T. 0.001 min
Lab File: BG056251.D
Acq: 11 Jan 2023 15:18

Tgt Ion:166 Resp: 520601
Ion Ratio Lower Upper
166 100
165 99.6 78.6 118.0
167 14.3 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 51.557 ng
RT: 15.545 min Scan# 2086
Delta R.T. 0.001 min
Lab File: BG056251.D
Acq: 11 Jan 2023 15:18

Instrument :

BNA_G

ClientSampleId :

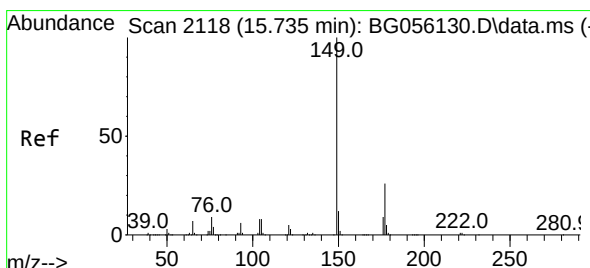
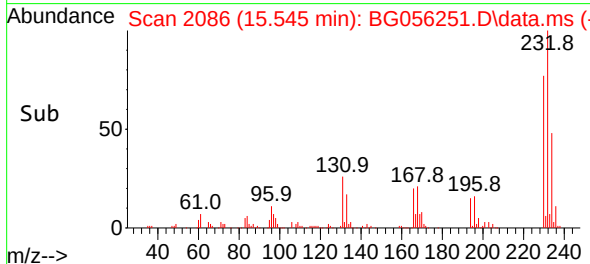
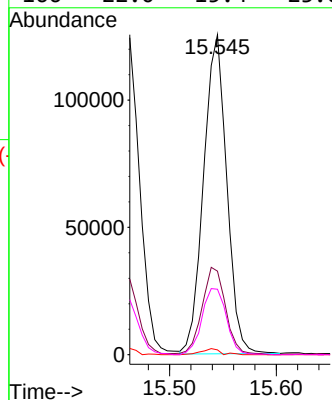
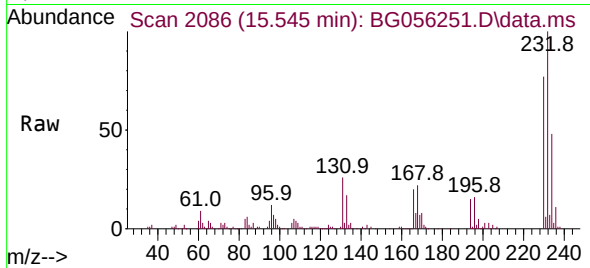
TP-201MSD

Tgt Ion:232 Resp: 188705
Ion Ratio Lower Upper
232 100
131 27.9 21.4 32.2
130 1.5 1.4 2.0
166 22.0 15.4 23.0

Manual Integrations

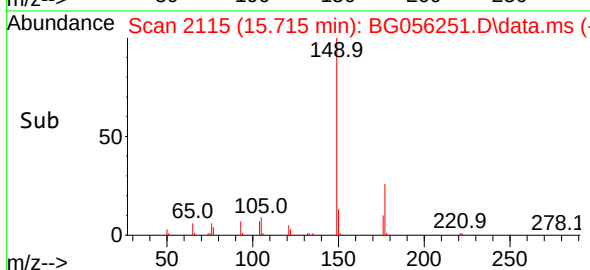
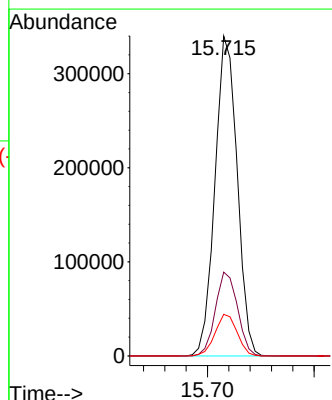
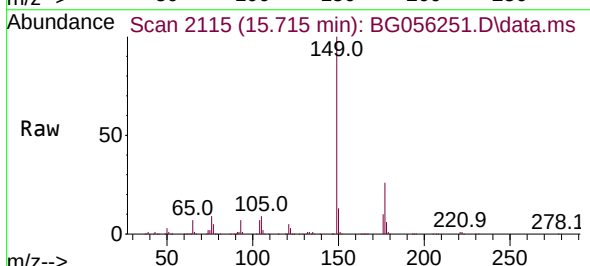
APPROVED

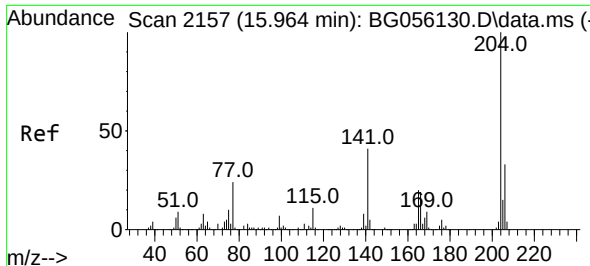
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#60
Diethylphthalate
Concen: 48.908 ng
RT: 15.715 min Scan# 2115
Delta R.T. -0.005 min
Lab File: BG056251.D
Acq: 11 Jan 2023 15:18

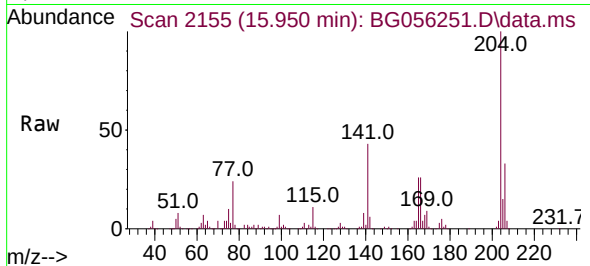
Tgt Ion:149 Resp: 492313
Ion Ratio Lower Upper
149 100
177 26.2 20.6 31.0
150 13.0 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 49.176 ng
RT: 15.950 min Scan# 2155
Delta R.T. 0.001 min
Lab File: BG056251.D
Acq: 11 Jan 2023 15:18

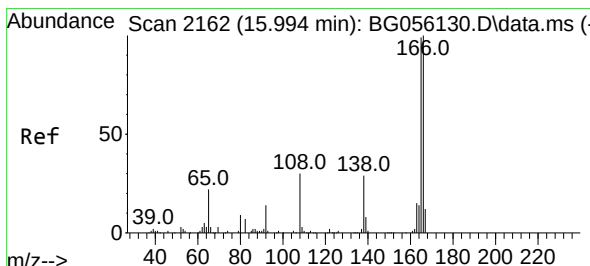
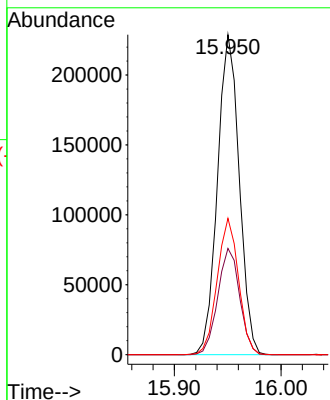
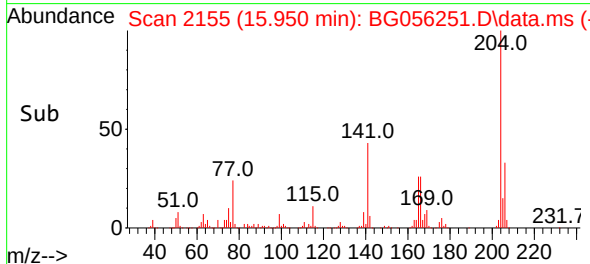
Instrument :
BNA_G
ClientSampleId :
TP-201MSD



Tgt Ion:204 Resp: 324945
Ion Ratio Lower Upper
204 100
206 33.2 26.4 39.6
141 42.6 33.0 49.4

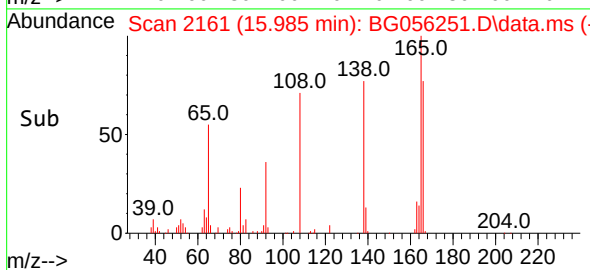
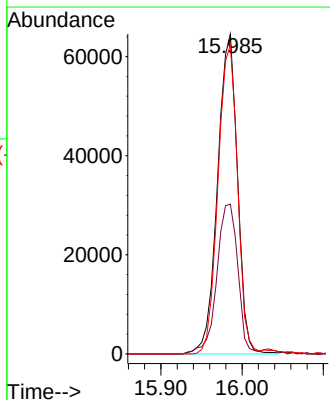
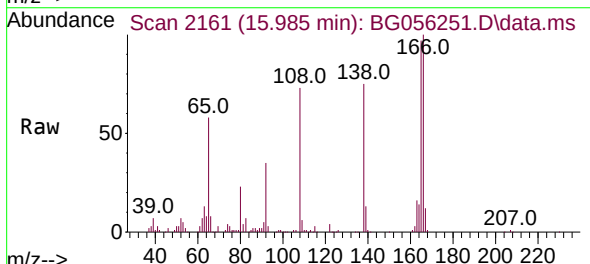
Manual Integrations
APPROVED

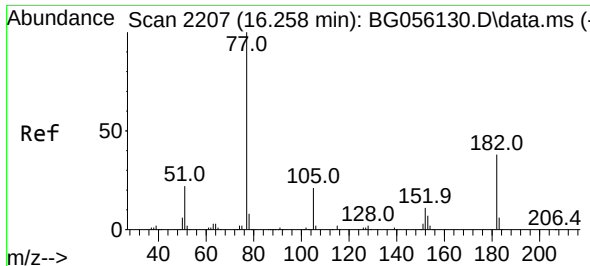
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#62
4-Nitroaniline
Concen: 49.172 ng
RT: 15.985 min Scan# 2161
Delta R.T. 0.001 min
Lab File: BG056251.D
Acq: 11 Jan 2023 15:18

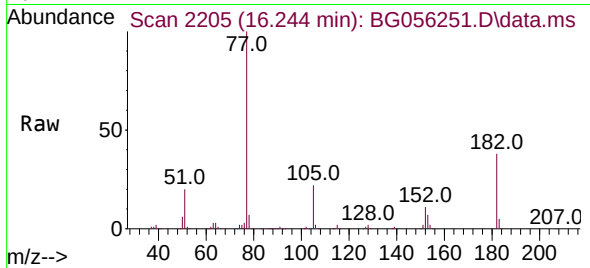
Tgt Ion:138 Resp: 109639
Ion Ratio Lower Upper
138 100
92 46.8 28.6 68.6
108 96.6 83.4 123.4





#63
Azobenzene
Concen: 49.199 ng
RT: 16.244 min Scan# 2207
Delta R.T. 0.001 min
Lab File: BG056251.D
Acq: 11 Jan 2023 15:18

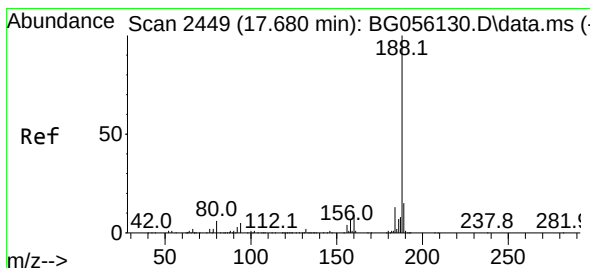
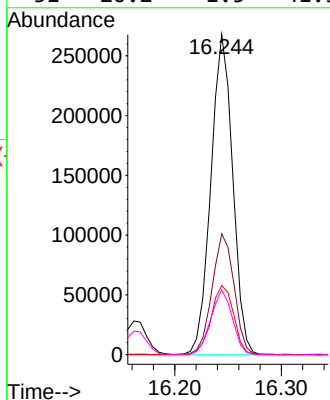
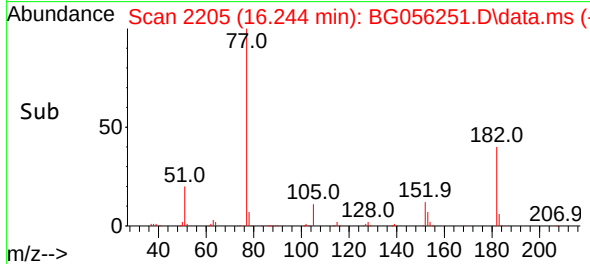
Instrument :
BNA_G
ClientSampleId :
TP-201MSD



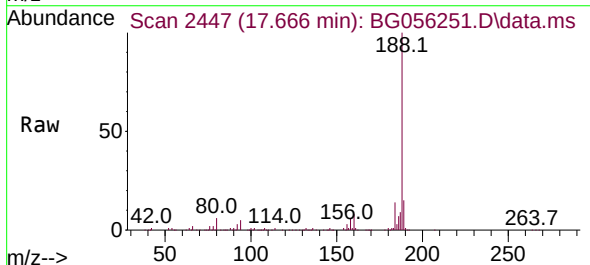
Tgt Ion: 77 Resp: 382174
Ion Ratio Lower Upper
77 100
182 37.8 18.5 58.5
105 21.6 1.4 41.4
51 20.2 1.5 41.5

Manual Integrations
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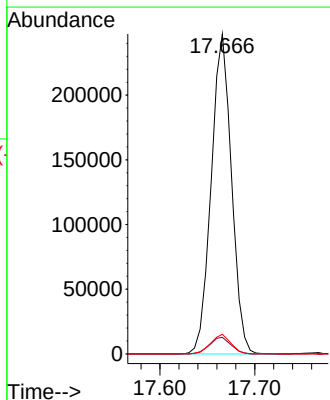
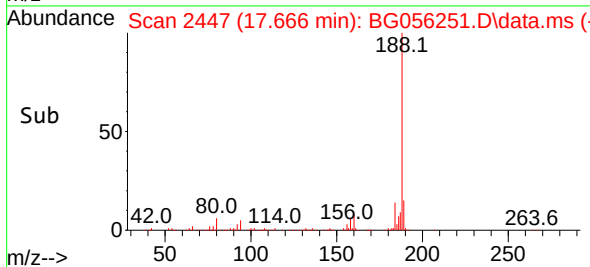
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023

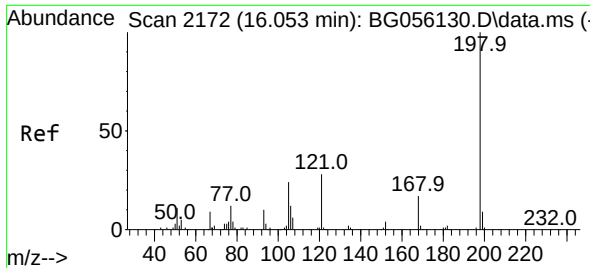


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.666 min Scan# 2447
Delta R.T. 0.001 min
Lab File: BG056251.D
Acq: 11 Jan 2023 15:18



Tgt Ion:188 Resp: 367194
Ion Ratio Lower Upper
188 100
94 5.2 4.2 6.2
80 6.1 5.0 7.4





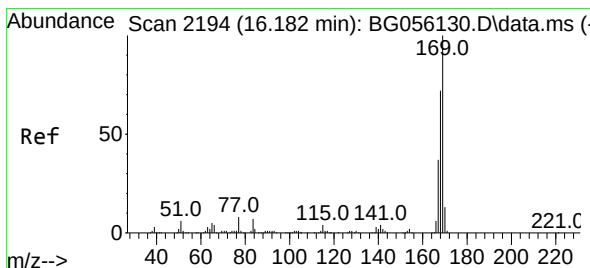
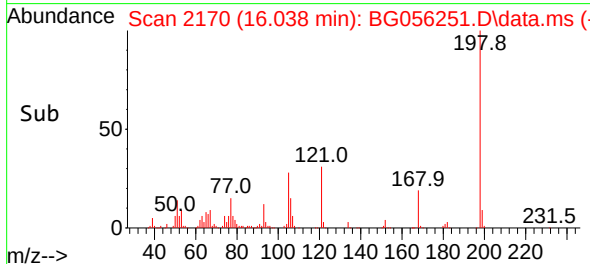
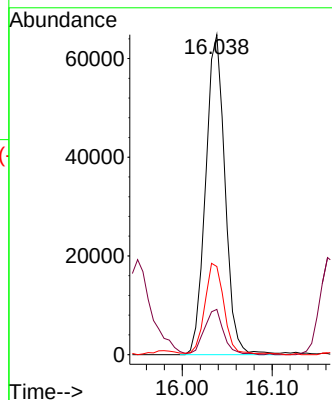
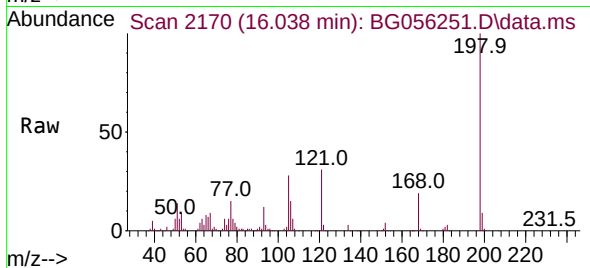
#65
4,6-Dinitro-2-methylphenol
Concen: 39.345 ng
RT: 16.038 min Scan# 2172
Delta R.T. 0.001 min
Lab File: BG056251.D
Acq: 11 Jan 2023 15:18

Instrument :
BNA_G
ClientSampleId :
TP-201MSD

Tgt Ion:198 Resp: 97336
Ion Ratio Lower Upper
198 100
51 14.1 0.0 33.2
105 27.5 4.9 44.9

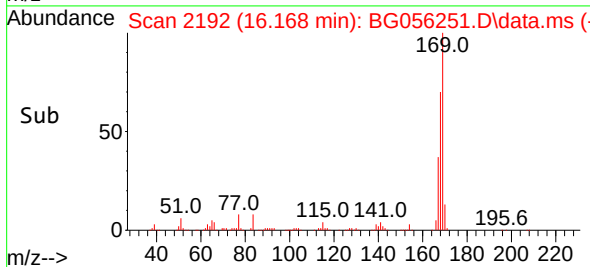
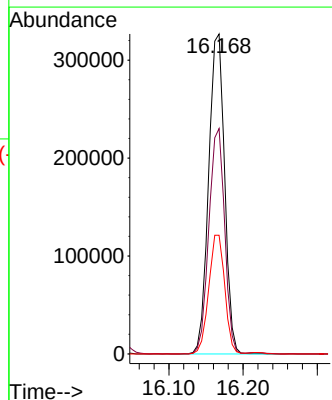
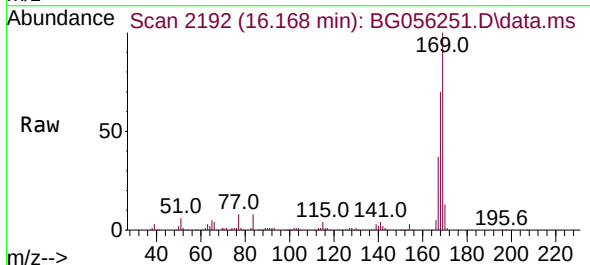
Manual Integrations
APPROVED

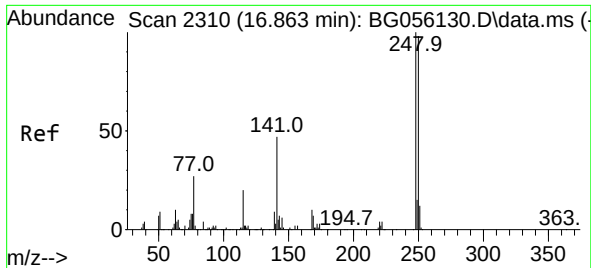
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#66
n-Nitrosodiphenylamine
Concen: 47.839 ng
RT: 16.168 min Scan# 2192
Delta R.T. 0.001 min
Lab File: BG056251.D
Acq: 11 Jan 2023 15:18

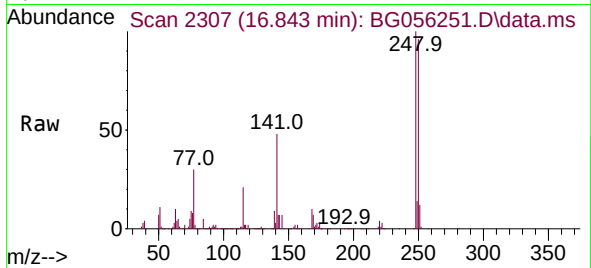
Tgt Ion:169 Resp: 487385
Ion Ratio Lower Upper
169 100
168 70.4 58.0 87.0
167 37.1 30.0 45.0





#67
4-Bromophenyl-phenylether
Concen: 48.251 ng
RT: 16.843 min Scan# 2310
Delta R.T. -0.005 min
Lab File: BG056251.D
Acq: 11 Jan 2023 15:18

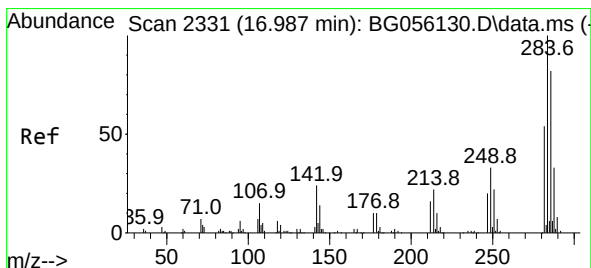
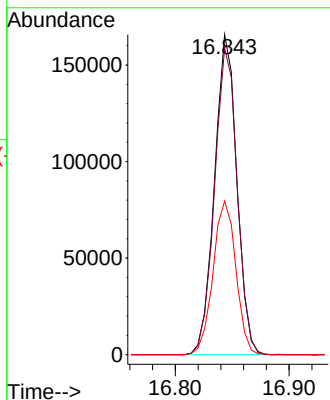
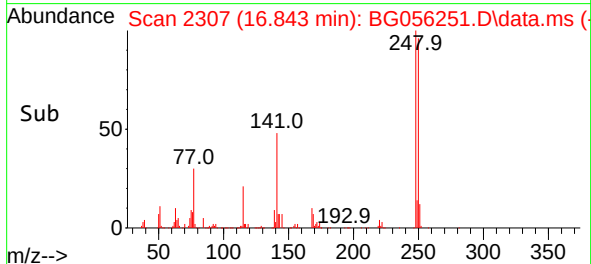
Instrument :
BNA_G
ClientSampleId :
TP-201MSD



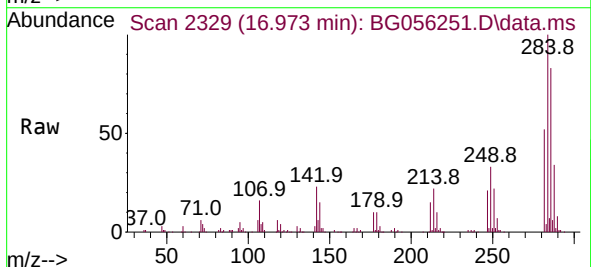
Tgt Ion:248 Resp: 225613
Ion Ratio Lower Upper
248 100
250 95.8 78.2 117.4
141 48.0 37.6 56.4

Manual Integrations
APPROVED

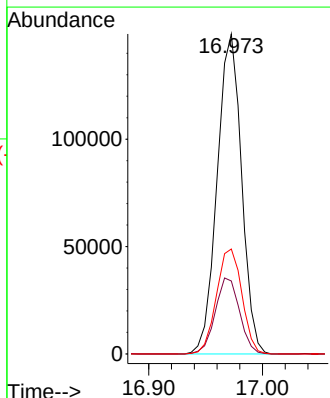
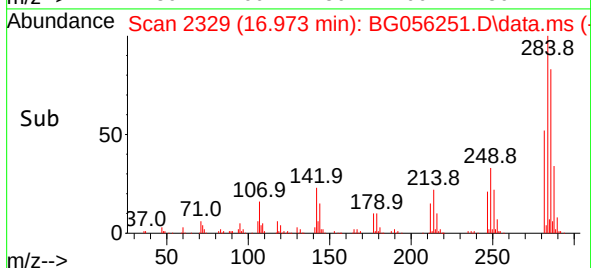
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023

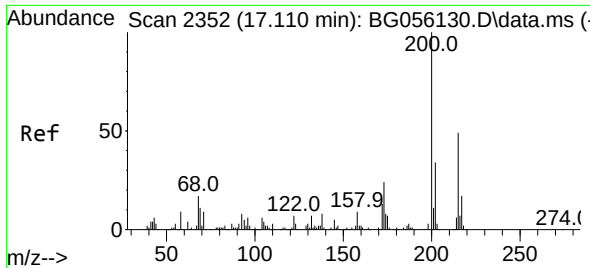


#68
Hexachlorobenzene
Concen: 50.856 ng
RT: 16.973 min Scan# 2329
Delta R.T. 0.001 min
Lab File: BG056251.D
Acq: 11 Jan 2023 15:18



Tgt Ion:284 Resp: 221858
Ion Ratio Lower Upper
284 100
142 22.8 19.0 28.6
249 32.8 26.6 39.8





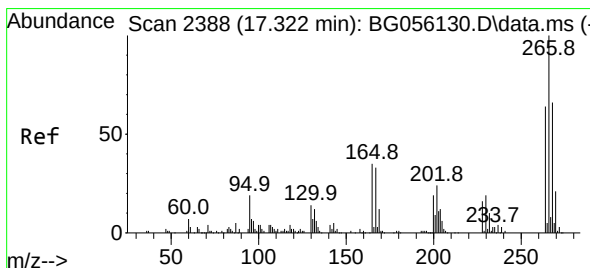
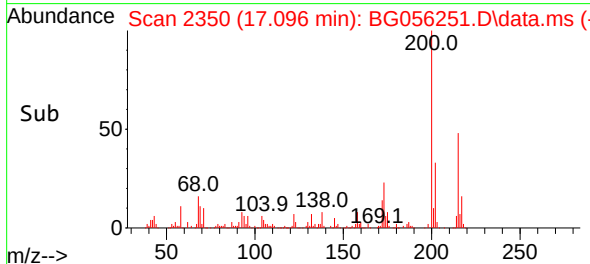
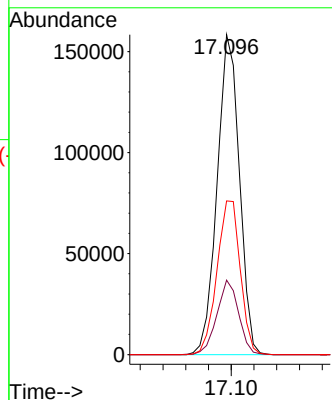
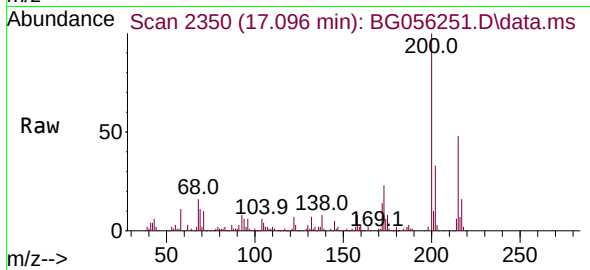
#69
 Atrazine
 Concen: 50.926 ng
 RT: 17.096 min Scan# 2352
 Delta R.T. 0.001 min
 Lab File: BG056251.D
 Acq: 11 Jan 2023 15:18

Instrument :
 BNA_G
 ClientSampleId :
 TP-201MSD

Tgt Ion:200 Resp: 215023
 Ion Ratio Lower Upper
 200 100
 173 23.3 4.0 44.0
 215 48.0 29.1 69.1

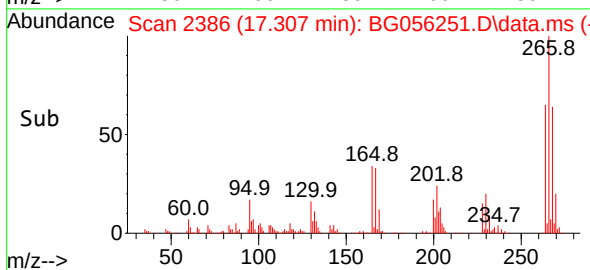
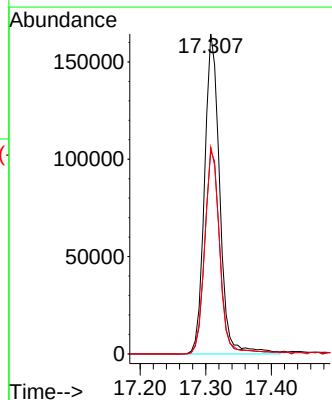
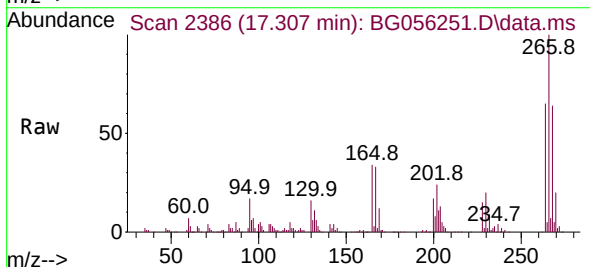
Manual Integrations
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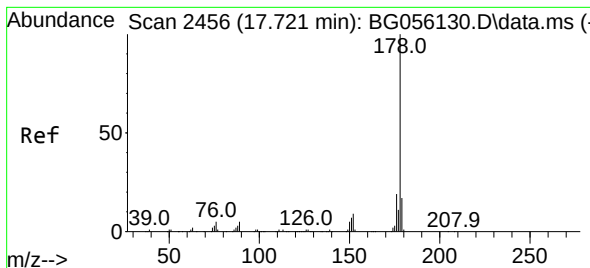
Reviewed By :Christian Giraldo 01/12/2023
 Supervised By :Jagrut Upadhyay 01/12/2023



#70
 Pentachlorophenol
 Concen: 78.589 ng
 RT: 17.307 min Scan# 2386
 Delta R.T. 0.001 min
 Lab File: BG056251.D
 Acq: 11 Jan 2023 15:18

Tgt Ion:266 Resp: 263359
 Ion Ratio Lower Upper
 266 100
 268 63.6 53.0 79.4
 264 64.7 51.4 77.2





#71

Phenanthrene

Concen: 49.014 ng

RT: 17.707 min Scan# 2456

Delta R.T. -0.005 min

Lab File: BG056251.D

Acq: 11 Jan 2023 15:18

Instrument :

BNA_G

ClientSampleId :

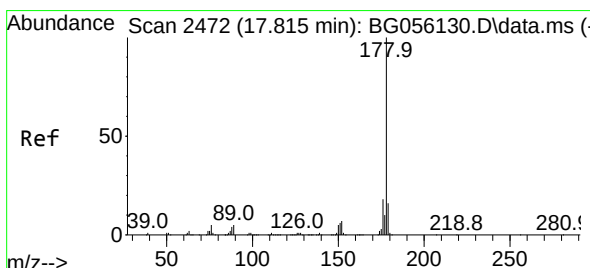
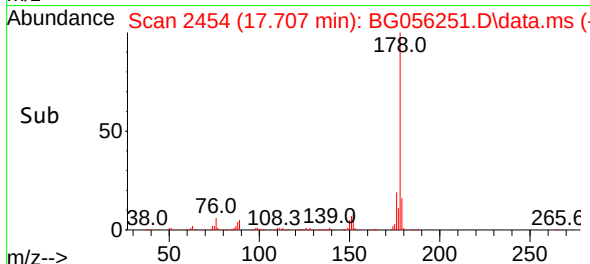
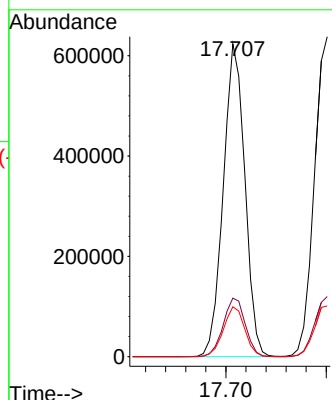
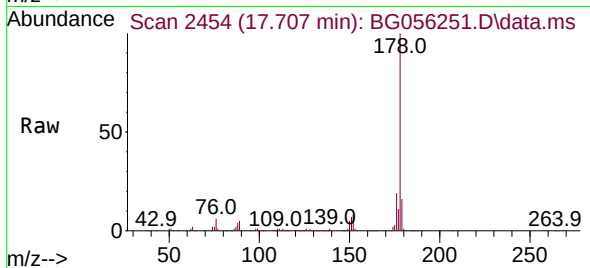
TP-201MSD

Tgt Ion:178	Resp:	932702
Ion Ratio	Lower	Upper
178	100	
176	18.7	15.4 23.0
179	16.0	13.6 20.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#72

Anthracene

Concen: 48.658 ng

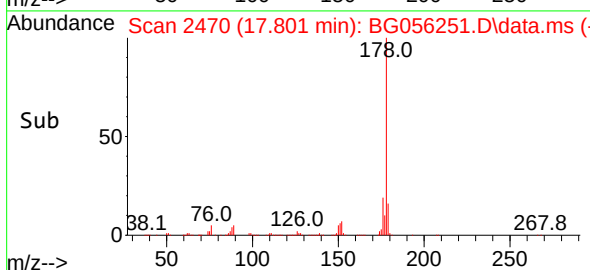
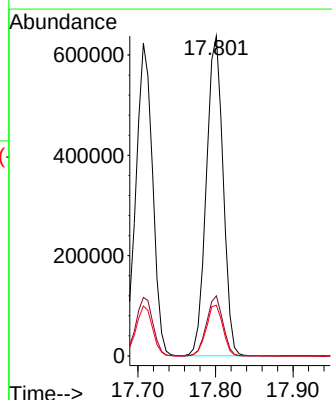
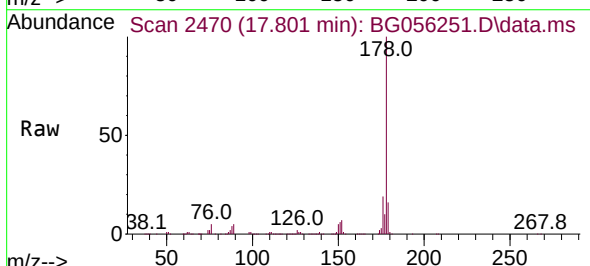
RT: 17.801 min Scan# 2470

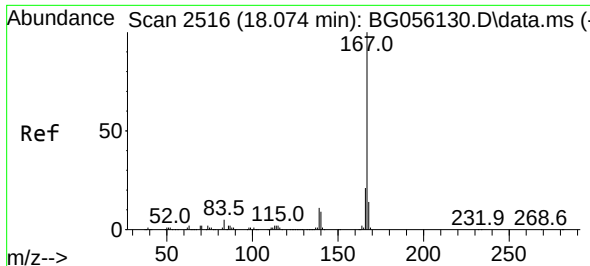
Delta R.T. 0.001 min

Lab File: BG056251.D

Acq: 11 Jan 2023 15:18

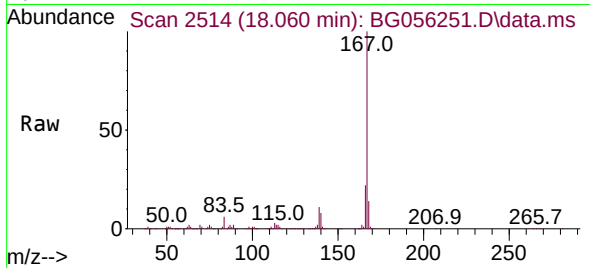
Tgt Ion:178	Resp:	955146
Ion Ratio	Lower	Upper
178	100	
176	18.8	14.6 22.0
179	15.8	12.7 19.1





#73
Carbazole
Concen: 49.978 ng
RT: 18.060 min Scan# 2516
Delta R.T. -0.005 min
Lab File: BG056251.D
Acq: 11 Jan 2023 15:18

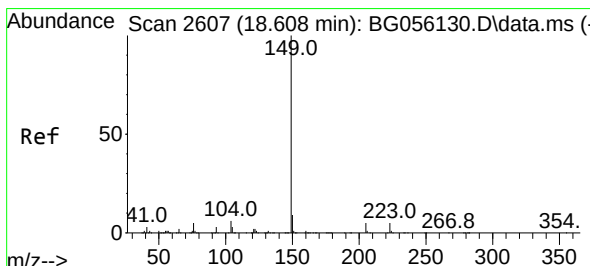
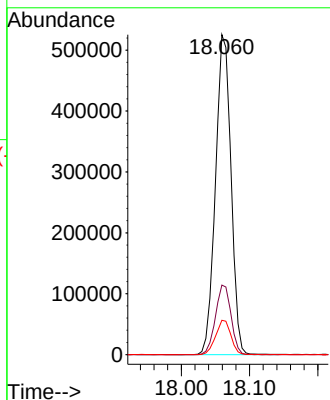
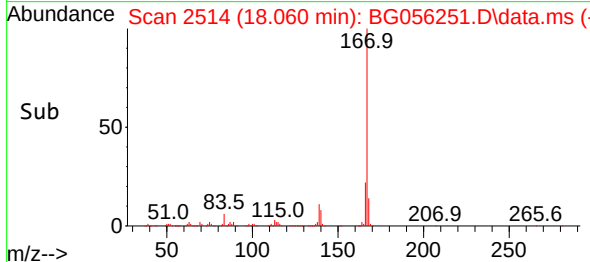
Instrument :
BNA_G
ClientSampleId :
TP-201MSD



Tgt Ion:167 Resp: 824645
Ion Ratio Lower Upper
167 100
166 21.7 16.8 25.2
139 10.7 8.9 13.3

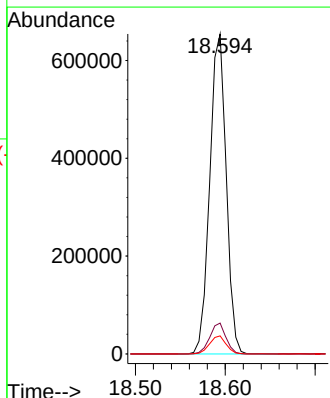
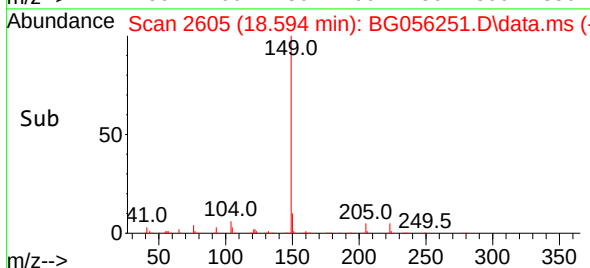
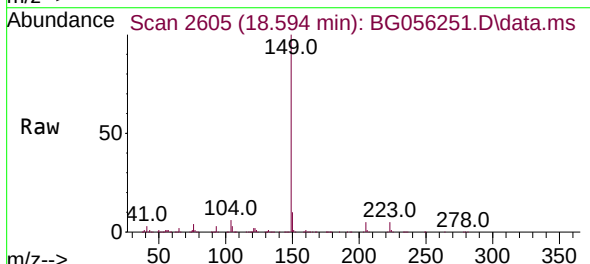
Manual Integrations
APPROVED

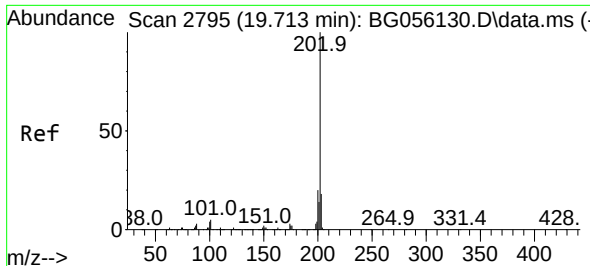
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#74
Di-n-butylphthalate
Concen: 50.793 ng
RT: 18.594 min Scan# 2605
Delta R.T. 0.001 min
Lab File: BG056251.D
Acq: 11 Jan 2023 15:18

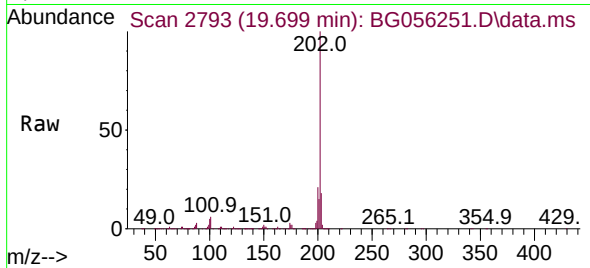
Tgt Ion:149 Resp: 835453
Ion Ratio Lower Upper
149 100
150 9.6 7.4 11.2
104 5.6 4.4 6.6





#75
Fluoranthene
Concen: 48.086 ng
RT: 19.699 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG056251.D
Acq: 11 Jan 2023 15:18

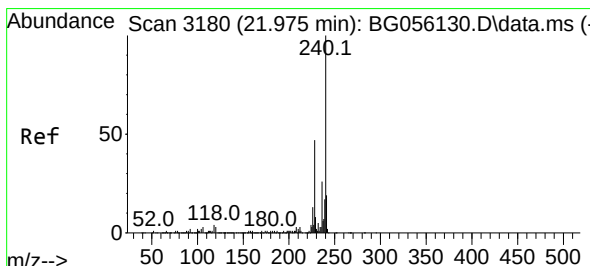
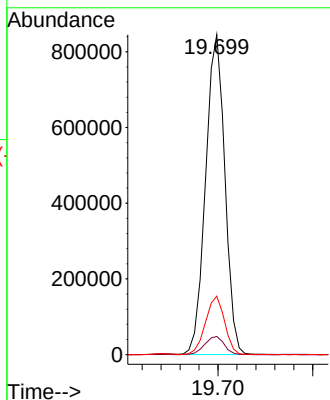
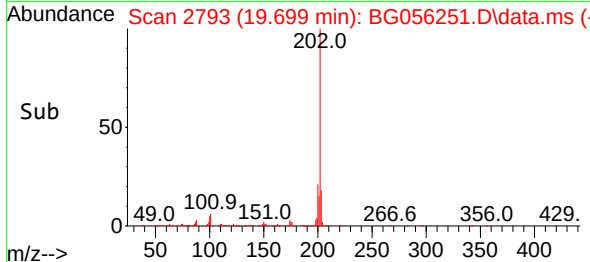
Instrument :
BNA_G
ClientSampleId :
TP-201MSD



Tgt Ion:202 Resp: 1193595
Ion Ratio Lower Upper
202 100
101 5.7 0.0 25.0
203 18.3 0.0 38.0

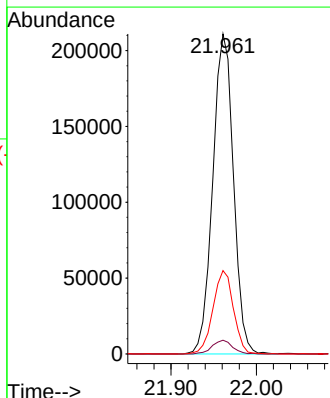
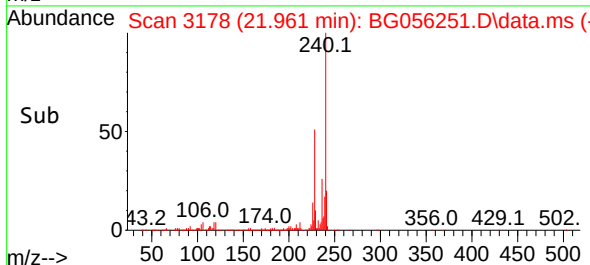
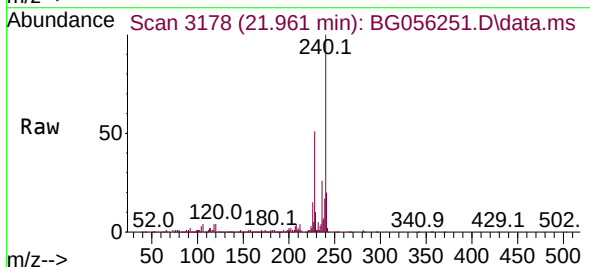
Manual Integrations
APPROVED

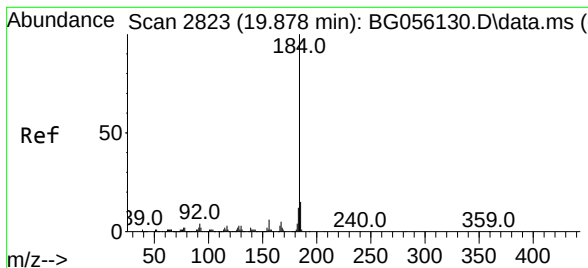
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.961 min Scan# 3178
Delta R.T. 0.001 min
Lab File: BG056251.D
Acq: 11 Jan 2023 15:18

Tgt Ion:240 Resp: 355195
Ion Ratio Lower Upper
240 100
120 4.3 2.6 4.0#
236 26.0 20.8 31.2





#77

Benzidine

Concen: 5.671 ng

RT: 19.863 min Scan# 2821

Delta R.T. 0.001 min

Lab File: BG056251.D

Acq: 11 Jan 2023 15:18

Instrument :

BNA_G

ClientSampleId :

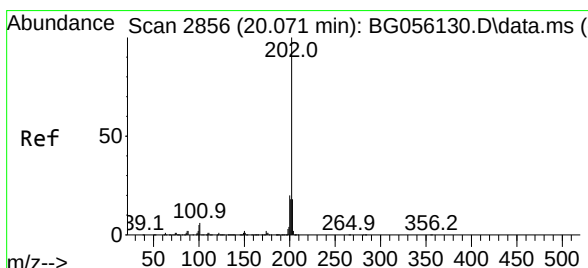
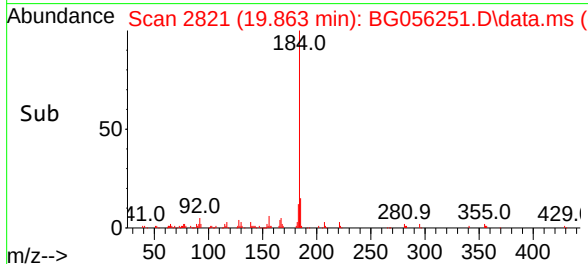
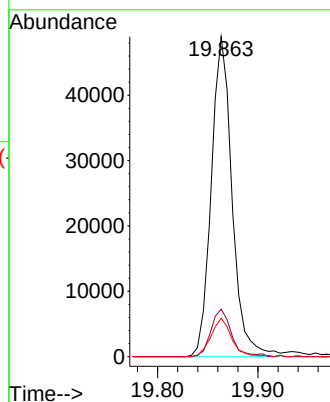
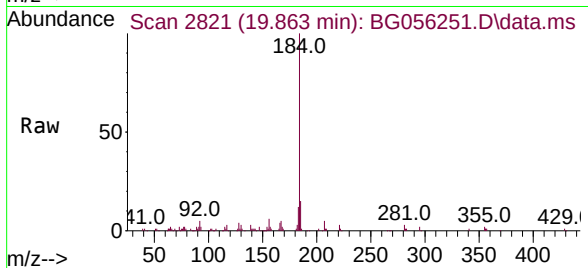
TP-201MSD

Tgt Ion:184 Resp: 70587
 Ion Ratio Lower Upper
 184 100
 185 14.8 12.2 18.2
 183 12.0 9.4 14.0

Manual Integrations

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Reviewed By :Christian Giraldo 01/12/2023
 Supervised By :Jagrut Upadhyay 01/12/2023



#78

Pyrene

Concen: 48.360 ng

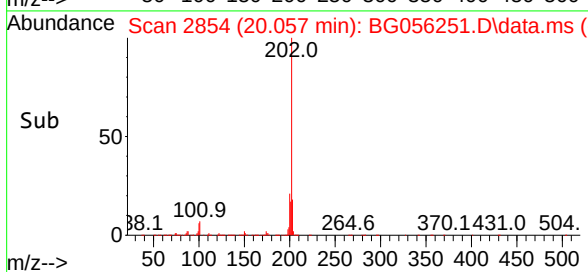
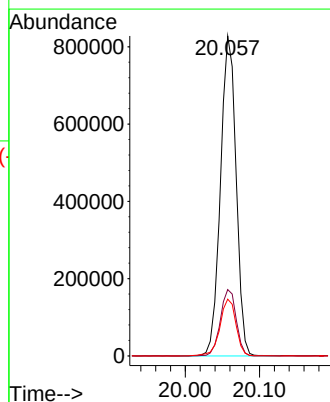
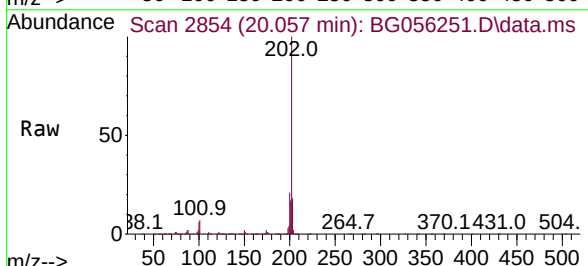
RT: 20.057 min Scan# 2854

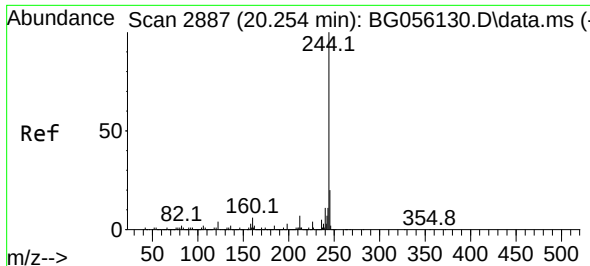
Delta R.T. 0.001 min

Lab File: BG056251.D

Acq: 11 Jan 2023 15:18

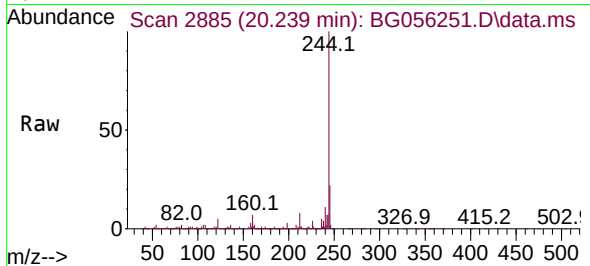
Tgt Ion:202 Resp: 1210732
 Ion Ratio Lower Upper
 202 100
 200 20.7 16.4 24.6
 203 17.7 14.3 21.5





#79
 Terphenyl-d14
 Concen: 102.590 ng
 RT: 20.239 min Scan# 2885
 Delta R.T. 0.001 min
 Lab File: BG056251.D
 Acq: 11 Jan 2023 15:18

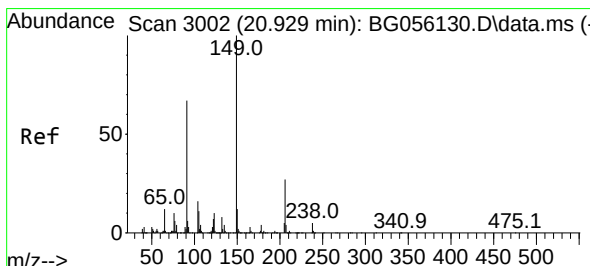
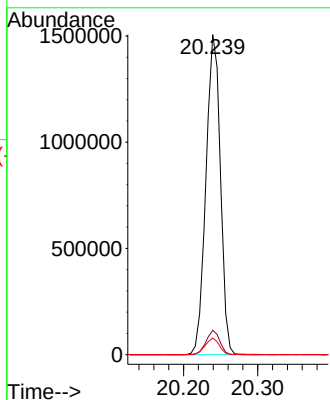
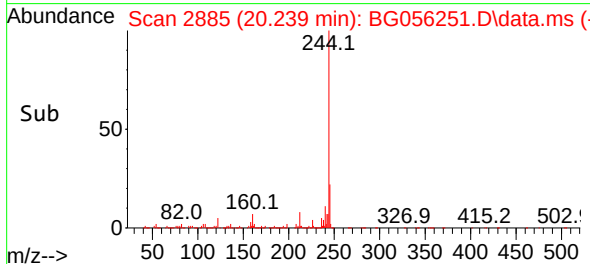
Instrument :
 BNA_G
 ClientSampleId :
 TP-201MSD



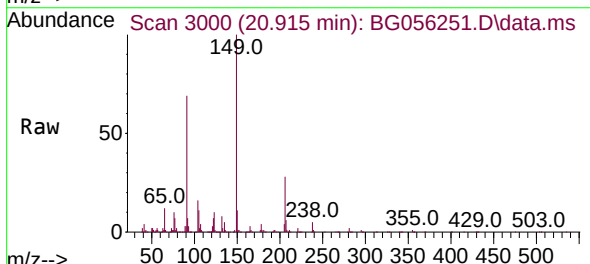
Tgt Ion:244 Resp: 2034530
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.7 8.5
 122 5.2 3.5 5.3

Manual Integrations
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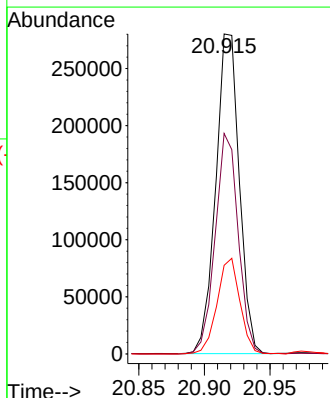
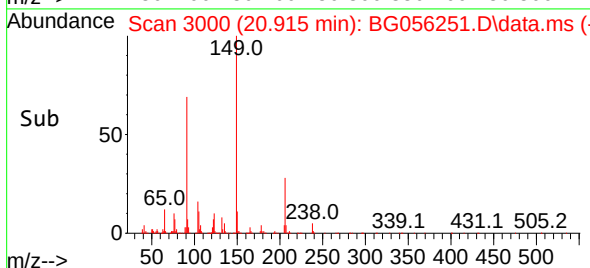
Reviewed By :Christian Giraldo 01/12/2023
 Supervised By :Jagrut Upadhyay 01/12/2023

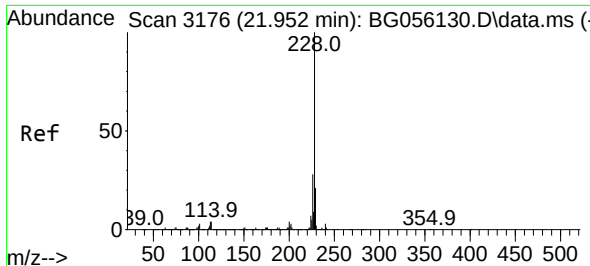


#80
 Butylbenzylphthalate
 Concen: 48.879 ng
 RT: 20.915 min Scan# 3000
 Delta R.T. -0.005 min
 Lab File: BG056251.D
 Acq: 11 Jan 2023 15:18



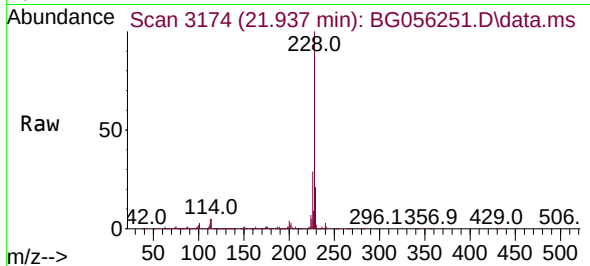
Tgt Ion:149 Resp: 351076
 Ion Ratio Lower Upper
 149 100
 91 68.9 53.5 80.3
 206 27.7 21.9 32.9





#81
Benzo(a)anthracene
Concen: 48.506 ng
RT: 21.937 min Scan# 3176
Delta R.T. -0.005 min
Lab File: BG056251.D
Acq: 11 Jan 2023 15:18

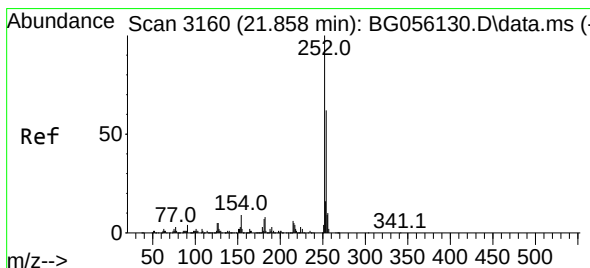
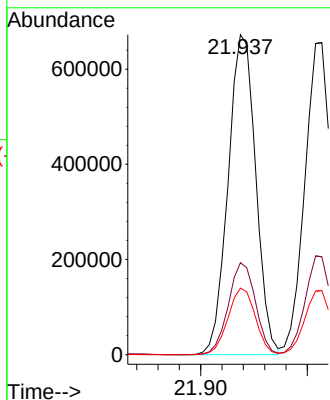
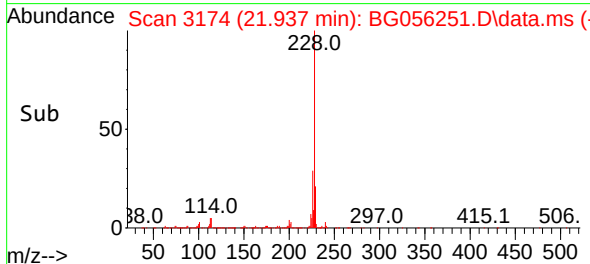
Instrument :
BNA_G
ClientSampleId :
TP-201MSD



Tgt Ion:228 Resp: 1210120
Ion Ratio Lower Upper
228 100
226 28.7 22.6 34.0
229 20.8 16.9 25.3

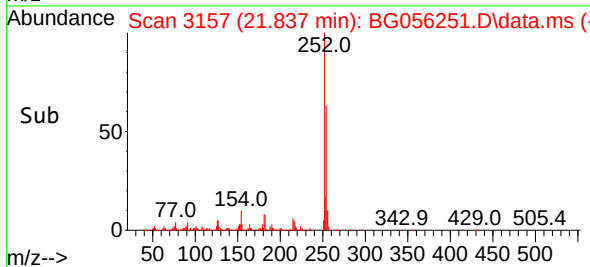
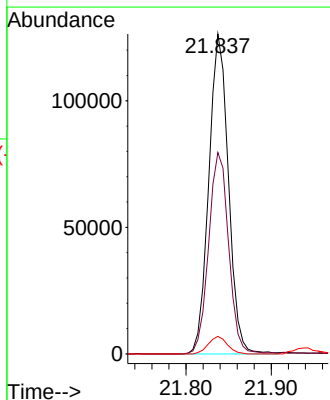
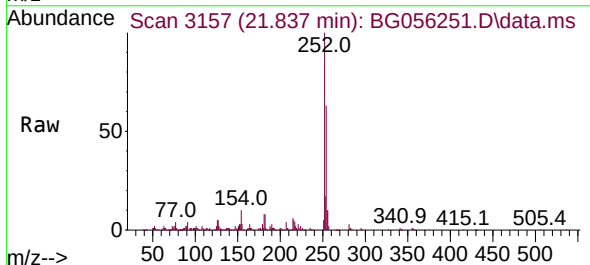
Manual Integrations
APPROVED

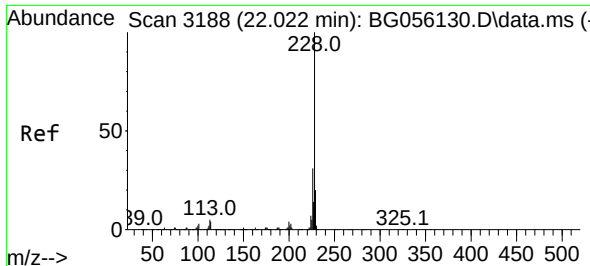
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#82
3,3'-Dichlorobenzidine
Concen: 22.474 ng
RT: 21.837 min Scan# 3157
Delta R.T. -0.005 min
Lab File: BG056251.D
Acq: 11 Jan 2023 15:18

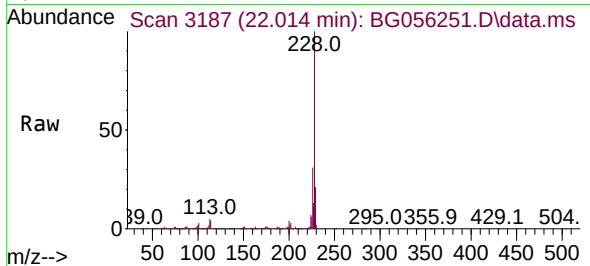
Tgt Ion:252 Resp: 201831
Ion Ratio Lower Upper
252 100
254 62.9 49.5 74.3
126 5.5 4.0 6.0





#83
Chrysene
Concen: 48.658 ng
RT: 22.014 min Scan# 3187
Delta R.T. 0.001 min
Lab File: BG056251.D
Acq: 11 Jan 2023 15:18

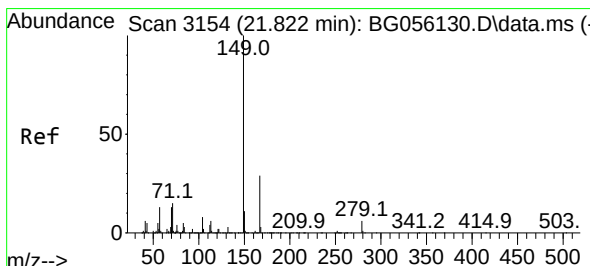
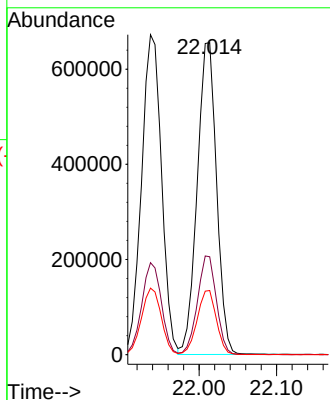
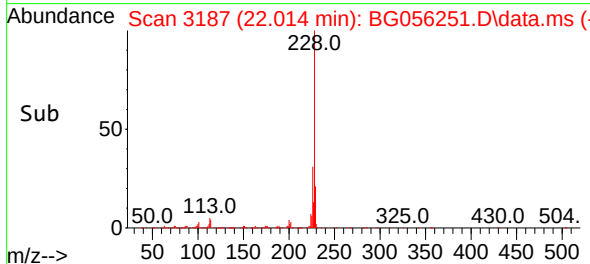
Instrument :
BNA_G
ClientSampleId :
TP-201MSD



Tgt Ion:228 Resp: 1137082
Ion Ratio Lower Upper
228 100
226 31.4 24.6 36.8
229 20.5 15.8 23.6

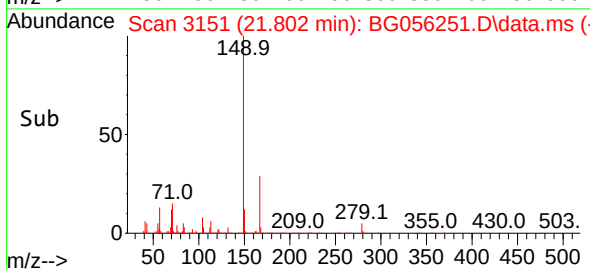
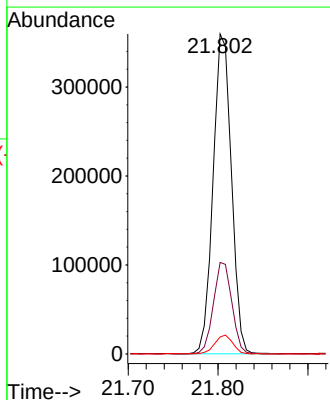
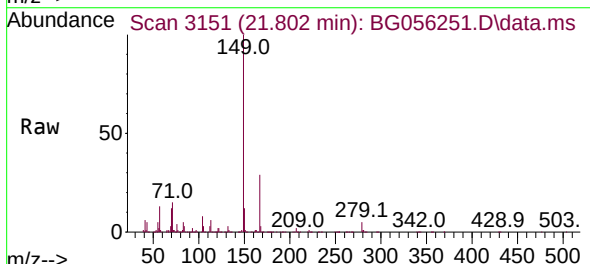
Manual Integrations
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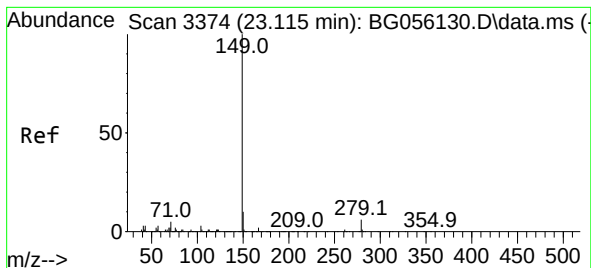
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 49.328 ng
RT: 21.802 min Scan# 3151
Delta R.T. -0.005 min
Lab File: BG056251.D
Acq: 11 Jan 2023 15:18

Tgt Ion:149 Resp: 510439
Ion Ratio Lower Upper
149 100
167 28.6 23.4 35.2
279 5.3 4.7 7.1





#85

Di-n-octyl phthalate

Concen: 50.434 ng

RT: 23.089 min Scan# 3374

Delta R.T. 0.001 min

Lab File: BG056251.D

Acq: 11 Jan 2023 15:18

Instrument :

BNA_G

ClientSampleId :

TP-201MSD

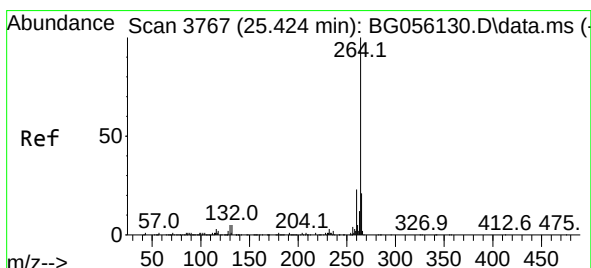
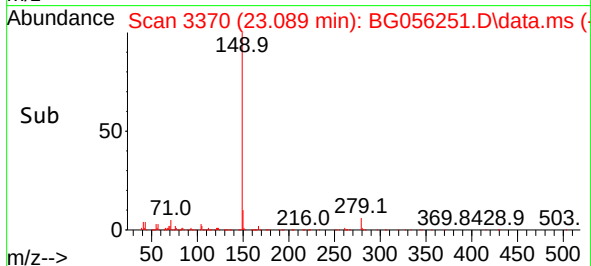
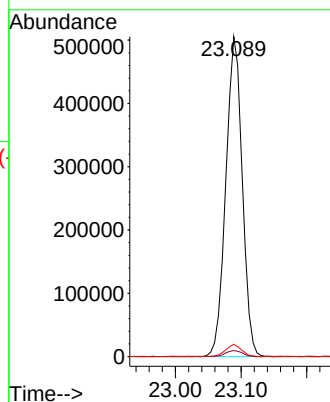
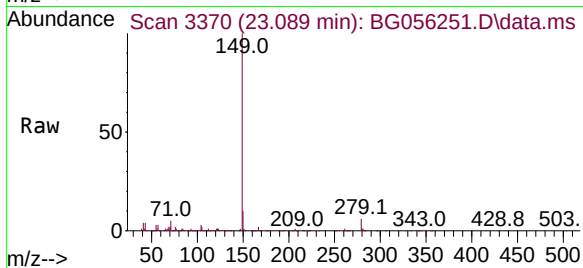
Tgt Ion:149 Resp: 881043

Ion	Ratio	Lower	Upper
149	100		
167	2.0	1.4	2.2
43	3.8	2.9	4.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.404 min Scan# 3764

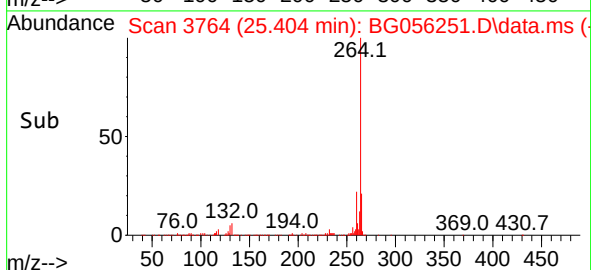
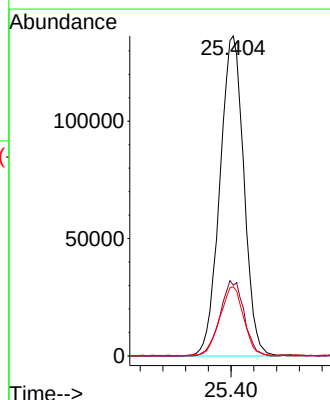
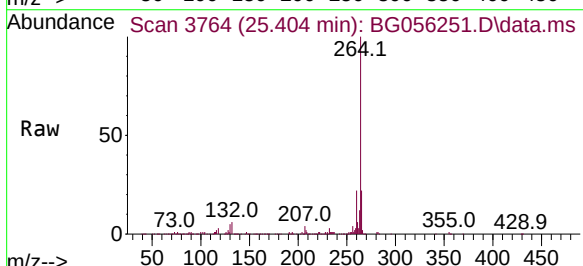
Delta R.T. 0.001 min

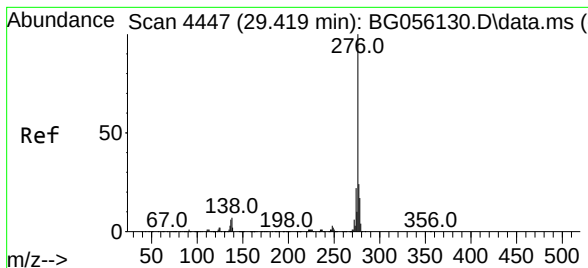
Lab File: BG056251.D

Acq: 11 Jan 2023 15:18

Tgt Ion:264 Resp: 398536

Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.6	28.0
265	21.6	16.7	25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.937 ng

RT: 29.376 min Scan# 4447

Delta R.T. 0.013 min

Lab File: BG056251.D

Acq: 11 Jan 2023 15:18

Instrument :

BNA_G

ClientSampleId :

TP-201MSD

Tgt Ion:276 Resp: 1447369

Ion Ratio Lower Upper

276 100

138 6.6 5.0 7.4

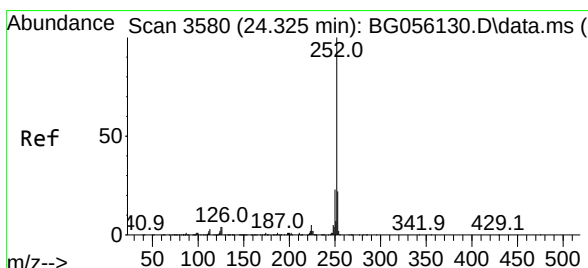
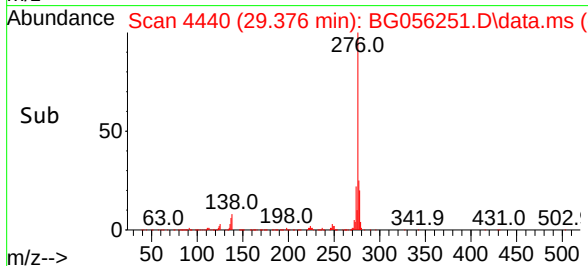
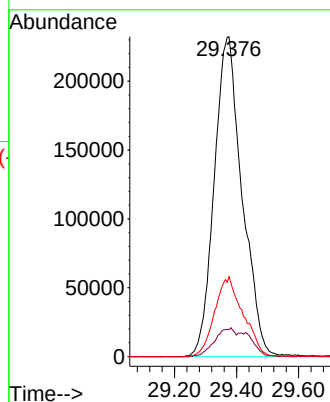
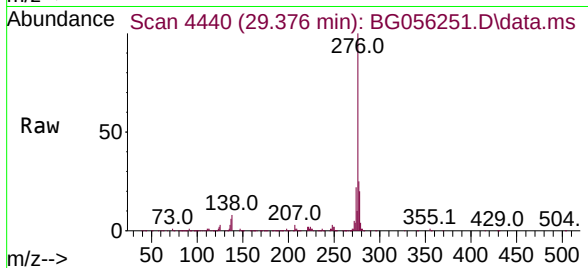
277 25.5 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/12/2023

Supervised By :Jagrut Upadhyay 01/12/2023



#88

Benzo(b)fluoranthene

Concen: 51.713 ng

RT: 24.305 min Scan# 3577

Delta R.T. 0.007 min

Lab File: BG056251.D

Acq: 11 Jan 2023 15:18

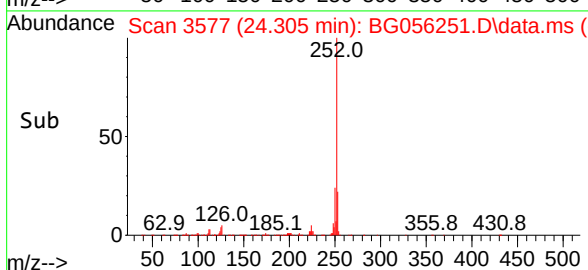
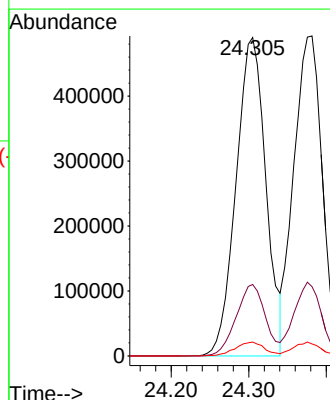
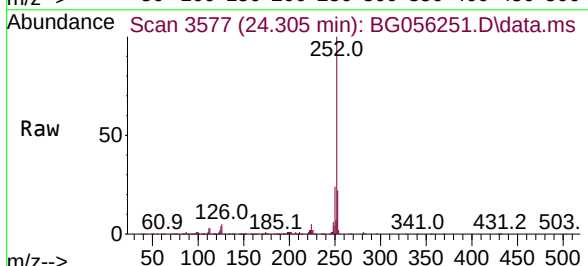
Tgt Ion:252 Resp: 1309457

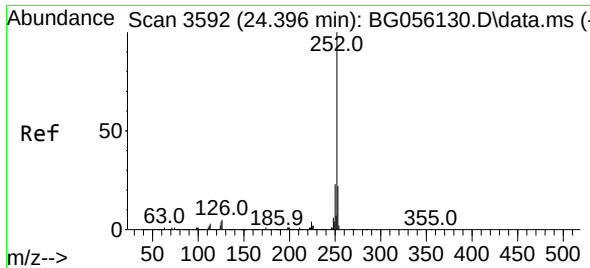
Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.2

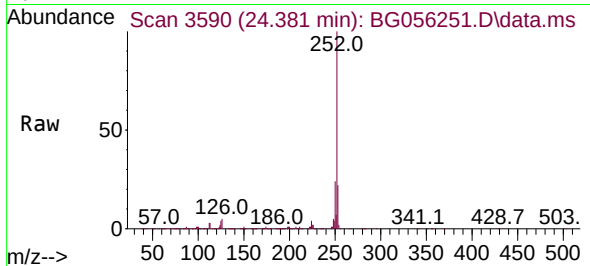
125 4.4 3.0 4.4





#89
Benzo(k)fluoranthene
Concen: 49.656 ng
RT: 24.381 min Scan# 3592
Delta R.T. 0.007 min
Lab File: BG056251.D
Acq: 11 Jan 2023 15:18

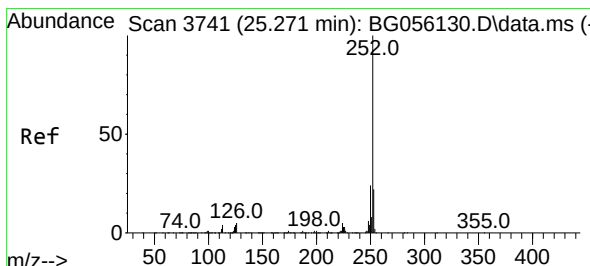
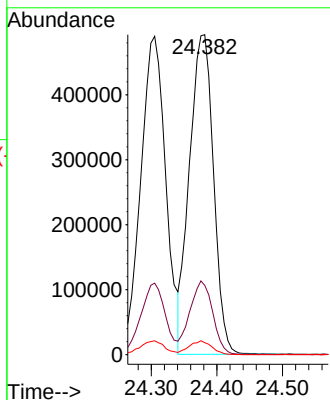
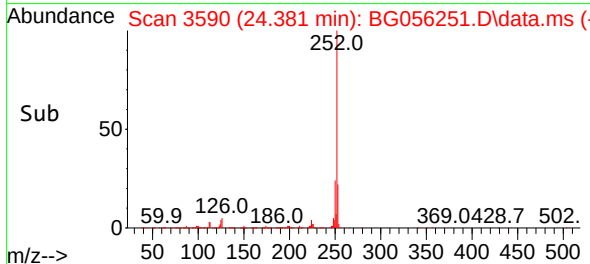
Instrument :
BNA_G
ClientSampleId :
TP-201MSD



Tgt Ion:252 Resp: 125208
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 3.7 3.4 5.0

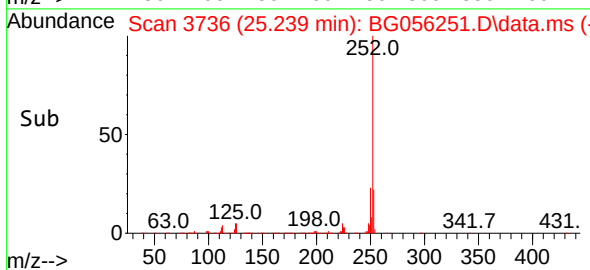
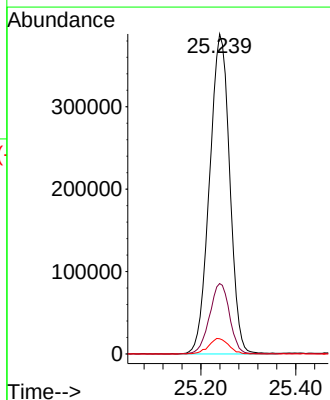
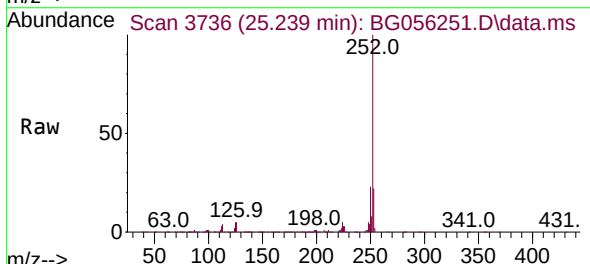
Manual Integrations
APPROVED

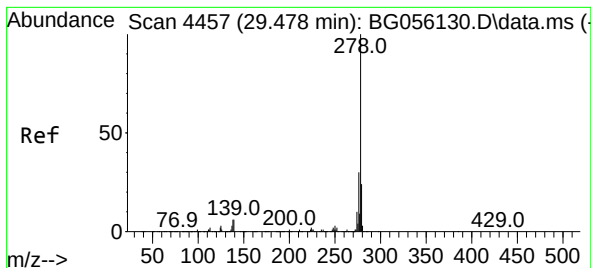
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#90
Benzo(a)pyrene
Concen: 46.425 ng
RT: 25.239 min Scan# 3736
Delta R.T. -0.005 min
Lab File: BG056251.D
Acq: 11 Jan 2023 15:18

Tgt Ion:252 Resp: 1146575
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 4.7 3.2 4.8





#91

Dibenzo(a,h)anthracene

Concen: 50.109 ng

RT: 29.434 min Scan# 4457

Delta R.T. 0.001 min

Lab File: BG056251.D

Acq: 11 Jan 2023 15:18

Instrument :

BNA_G

ClientSampleId :

TP-201MSD

Tgt Ion:278 Resp: 1217664

Ion Ratio Lower Upper

278 100

139 6.5 4.8 7.2

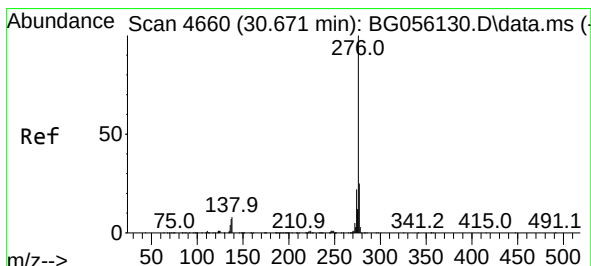
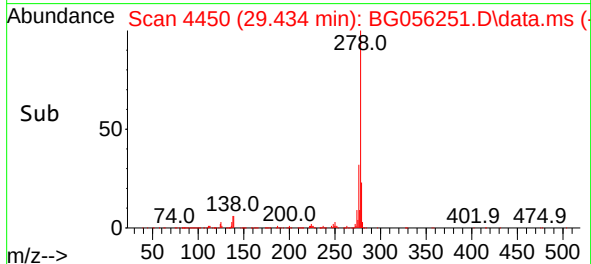
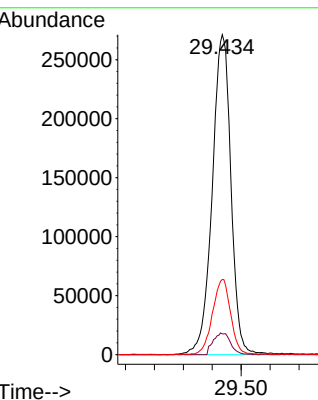
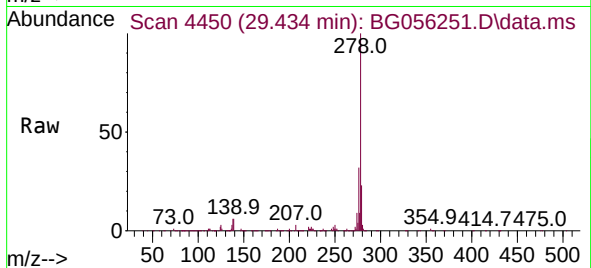
279 23.5 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/12/2023

Supervised By :Jagrut Upadhyay 01/12/2023



#92

Benzo(g,h,i)perylene

Concen: 49.506 ng

RT: 30.627 min Scan# 4653

Delta R.T. 0.013 min

Lab File: BG056251.D

Acq: 11 Jan 2023 15:18

Tgt Ion:276 Resp: 1166608

Ion Ratio Lower Upper

276 100

277 23.7 19.7 29.5

138 9.8 6.7 10.1

