

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012423\
 Data File : BG056406.D
 Acq On : 24 Jan 2023 17:07
 Operator : CG/JU
 Sample : 01260-22MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-28MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/25/2023
 Supervised By : Jagrut Upadhyay 01/25/2023

Quant Time: Jan 25 05:32:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 25 04:54:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.290	152	33275	20.000	ng	0.00
21) Naphthalene-d8	11.128	136	125006	20.000	ng	# 0.00
39) Acenaphthene-d10	14.912	164	108989	20.000	ng	0.00
64) Phenanthrene-d10	17.650	188	295003	20.000	ng	0.00
76) Chrysene-d12	21.933	240	275238	20.000	ng	# 0.00
86) Perylene-d12	25.359	264	302829	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.817	112	195285	104.788	ng	0.00
7) Phenol-d6	7.439	99	279357	97.609	ng	0.00
23) Nitrobenzene-d5	9.471	82	140344	57.428	ng	0.00
42) 2,4,6-Tribromophenol	16.393	330	158052	114.503	ng	0.00
45) 2-Fluorobiphenyl	13.537	172	491033	62.214	ng	0.00
79) Terphenyl-d14	20.218	244	1067548	69.468	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.614	88	30016	35.262	ng	# 90
3) Pyridine	4.037	79	79751	30.761	ng	# 92
4) n-Nitrosodimethylamine	3.949	42	19950	37.828	ng	91
6) Aniline	7.603	93	69532	18.526	ng	94
8) 2-Chlorophenol	7.856	128	88574	47.762	ng	97
9) Benzaldehyde	7.421	77	36375m	21.375	ng	
10) Phenol	7.468	94	128143	44.150	ng	96
11) bis(2-Chloroethyl)ether	7.697	93	74762	38.010	ng	96
12) 1,3-Dichlorobenzene	8.179	146	100716	44.623	ng	95
13) 1,4-Dichlorobenzene	8.326	146	102420	45.189	ng	98
14) 1,2-Dichlorobenzene	8.655	146	99459	45.479	ng	100
15) Benzyl Alcohol	8.526	79	78105m	37.497	ng	
16) 2,2'-oxybis(1-Chloropr...	8.813	45	16763	48.227	ng	# 73
17) 2-Methylphenol	8.731	107	86679	40.699	ng	96
18) Hexachloroethane	9.389	117	30981	44.996	ng	90
19) n-Nitroso-di-n-propyla...	9.095	70	59156	33.991	ng	98
20) 3+4-Methylphenols	9.060	107	121814	40.682	ng	98
22) Acetophenone	9.119	105	139261	39.400	ng	96
24) Nitrobenzene	9.513	77	90937	37.549	ng	95
25) Isophorone	10.036	82	185064	35.992	ng	94
26) 2-Nitrophenol	10.224	139	55620	44.886	ng	92
27) 2,4-Dimethylphenol	10.276	122	103616	45.846	ng	97
28) bis(2-Chloroethoxy)met...	10.506	93	104695	39.176	ng	100
29) 2,4-Dichlorophenol	10.770	162	117258	46.928	ng	98
30) 1,2,4-Trichlorobenzene	10.987	180	118795	41.896	ng	98
31) Naphthalene	11.175	128	280269	42.601	ng	99
32) Benzoic acid	10.423	122	65590m	39.113	ng	
33) 4-Chloroaniline	11.281	127	69916	22.259	ng	96
34) Hexachlorobutadiene	11.451	225	80183	39.318	ng	97
35) Caprolactam	12.051	113	37709m	44.575	ng	
36) 4-Chloro-3-methylphenol	12.380	107	116202	45.831	ng	97
37) 2-Methylnaphthalene	12.762	142	224392	40.395	ng	99
38) 1-Methylnaphthalene	12.979	142	212237m	41.144	ng	
40) 1,2,4,5-Tetrachloroben...	13.120	216	163374	39.995	ng	100
41) Hexachlorocyclopentadiene	13.097	237	180301	77.419	ng	98
43) 2,4,6-Trichlorophenol	13.355	196	120799	44.722	ng	98

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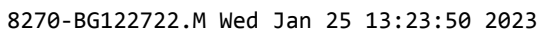
Quant Time: Jan 25 05:32:17 2023
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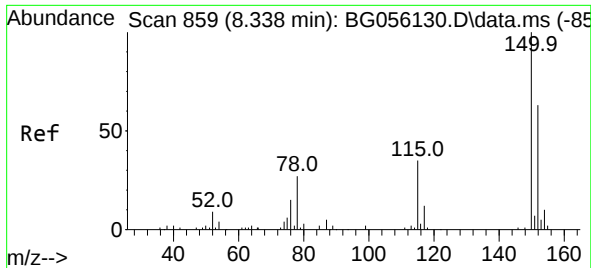
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.432	196	133588	41.809	ng	99
46) 1,1'-Biphenyl	13.749	154	334528	42.858	ng	98
47) 2-Chloronaphthalene	13.796	162	268524	43.585	ng	96
48) 2-Nitroaniline	13.996	65	57337	43.680	ng	94
49) Acenaphthylene	14.636	152	436723	43.560	ng	99
50) Dimethylphthalate	14.348	163	369224	41.966	ng	99
51) 2,6-Dinitrotoluene	14.477	165	81334	43.384	ng	93
52) Acenaphthene	14.977	154	318878m	48.902	ng	
53) 3-Nitroaniline	14.806	138	47156	26.430	ng	93
54) 2,4-Dinitrophenol	15.018	184	122423	91.408	ng	96
55) Dibenzofuran	15.306	168	458276	42.470	ng	97
56) 4-Nitrophenol	15.112	139	128060	93.323	ng	86
57) 2,4-Dinitrotoluene	15.265	165	120999	46.150	ng	# 85
58) Fluorene	15.952	166	374518	43.152	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.529	232	132185	44.060	ng	96
60) Diethylphthalate	15.699	149	352970	42.779	ng	99
61) 4-Chlorophenyl-phenyle...	15.929	204	226491	41.817	ng	99
62) 4-Nitroaniline	15.970	138	79315	43.397	ng	94
63) Azobenzene	16.222	77	259493	40.754	ng	97
65) 4,6-Dinitro-2-methylph...	16.028	198	85131	42.832	ng	94
66) n-Nitrosodiphenylamine	16.146	169	349133	42.655	ng	98
67) 4-Bromophenyl-phenylether	16.822	248	157206	41.848	ng	97
68) Hexachlorobenzene	16.951	284	163354	46.609	ng	99
69) Atrazine	17.080	200	151892	44.777	ng	96
70) Pentachlorophenol	17.298	266	198076	73.572	ng	98
71) Phenanthrene	17.691	178	660461	43.201	ng	98
72) Anthracene	17.779	178	677734	42.975	ng	99
73) Carbazole	18.044	167	588298	44.379	ng	99
74) Di-n-butylphthalate	18.573	149	600798	45.465	ng	99
75) Fluoranthene	19.677	202	811759	40.706	ng	99
77) Benzidine	19.848	184	220755	22.887	ng	99
78) Pyrene	20.041	202	825390	42.546	ng	99
80) Butylbenzylphthalate	20.893	149	244315	43.897	ng	97
81) Benzo(a)anthracene	21.916	228	812016	42.004	ng	98
82) 3,3'-Dichlorobenzidine	21.816	252	148470	21.335	ng	# 96
83) Chrysene	21.986	228	753299	41.600	ng	98
84) Bis(2-ethylhexyl)phtha...	21.775	149	345437	43.080	ng	99
85) Di-n-octyl phthalate	23.044	149	584710	43.195	ng	100
87) Indeno(1,2,3-cd)pyrene	29.319	276	951372	43.198	ng	# 97
88) Benzo(b)fluoranthene	24.272	252	828995	43.086	ng	99
89) Benzo(k)fluoranthene	24.342	252	825051	43.062	ng	98
90) Benzo(a)pyrene	25.200	252	742808	39.582	ng	# 98
91) Dibenzo(a,h)anthracene	29.378	278	805097	43.602	ng	100
92) Benzo(g,h,i)perylene	30.559	276	771791	43.103	ng	98

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

Manual Integrations

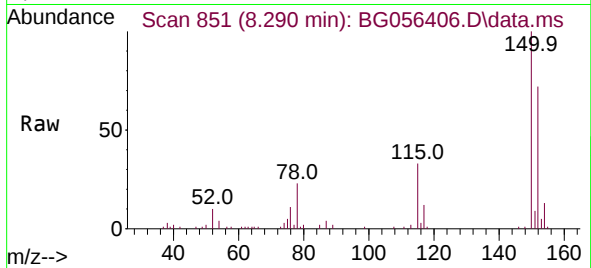
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.290 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG056406.D
Acq: 24 Jan 2023 17:07

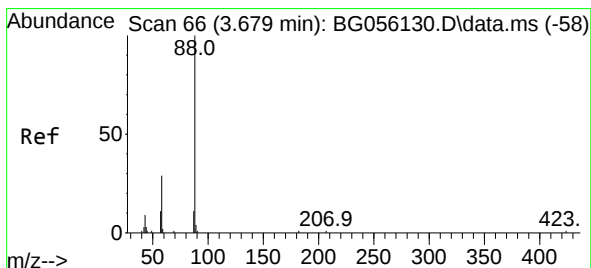
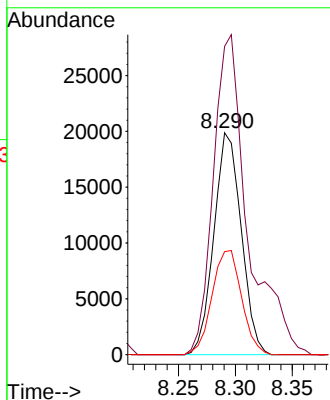
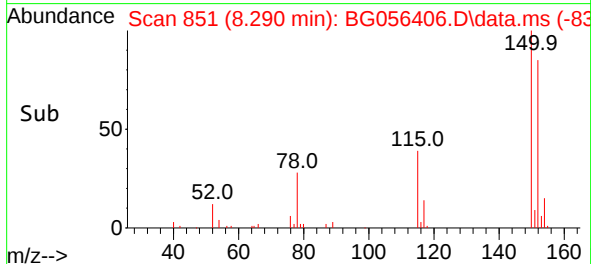
Instrument :
BNA_G
ClientSampleId :
TP-28MS



Tgt Ion:152 Resp: 33275
Ion Ratio Lower Upper
152 100
150 139.0 127.9 191.9
115 46.4 44.2 66.2

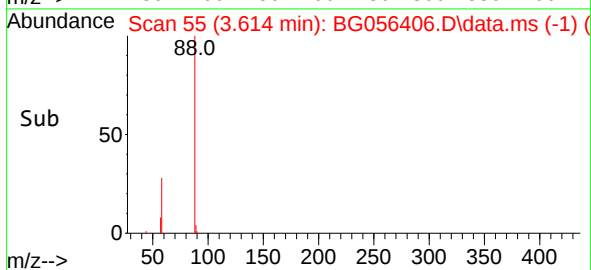
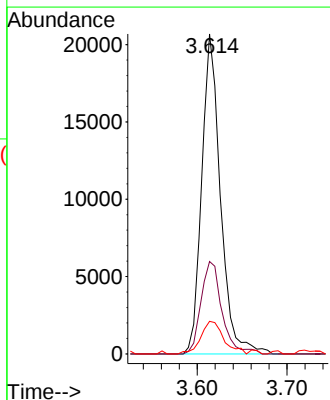
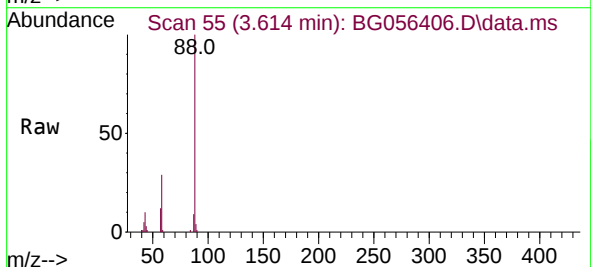
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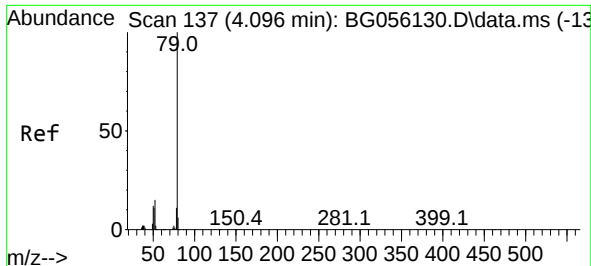
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#2
1,4-Dioxane
Concen: 35.262 ng
RT: 3.614 min Scan# 55
Delta R.T. -0.003 min
Lab File: BG056406.D
Acq: 24 Jan 2023 17:07

Tgt Ion: 88 Resp: 30016
Ion Ratio Lower Upper
88 100
58 32.2 21.4 32.0#
43 12.4 7.1 10.7#





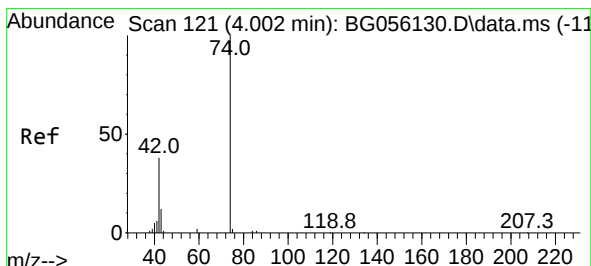
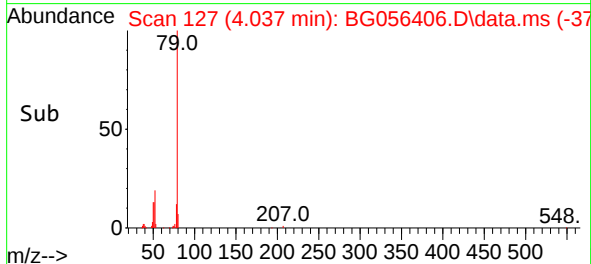
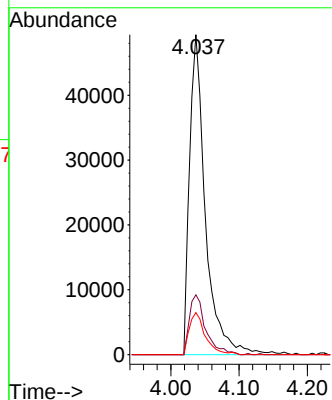
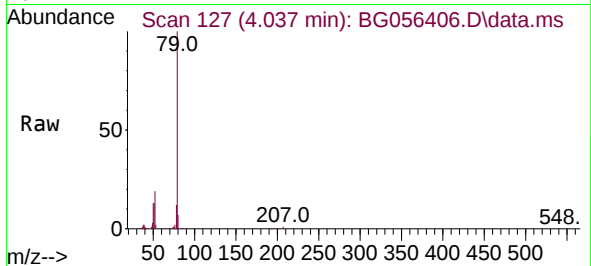
#3
Pyridine
Concen: 30.761 ng
RT: 4.037 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG056406.D
Acq: 24 Jan 2023 17:07

Instrument :
BNA_G
ClientSampleId :
TP-28MS

Tgt Ion: 79 Resp: 7975
Ion Ratio Lower Upper
79 100
52 18.7 11.8 17.6
51 13.1 8.8 13.2

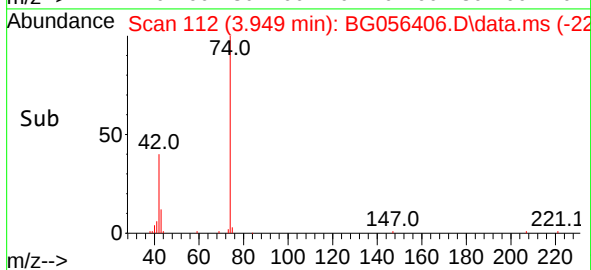
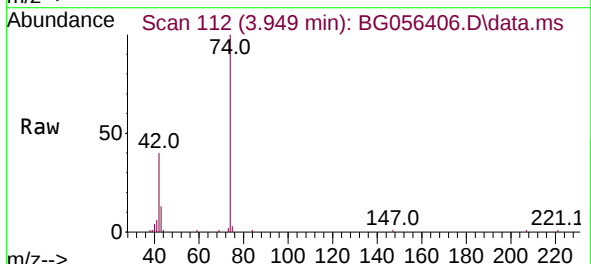
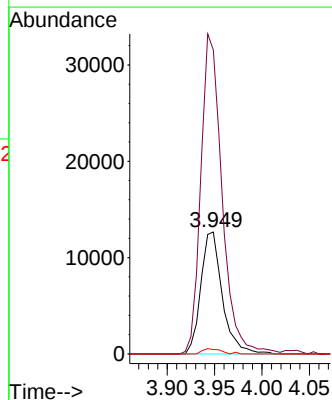
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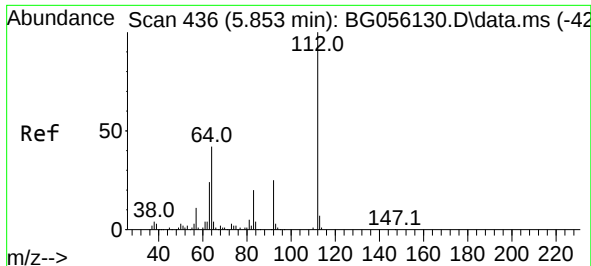
Reviewed By :Christian Giraldo 01/25/2023
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#4
n-Nitrosodimethylamine
Concen: 37.828 ng
RT: 3.949 min Scan# 112
Delta R.T. -0.003 min
Lab File: BG056406.D
Acq: 24 Jan 2023 17:07

Tgt Ion: 42 Resp: 19950
Ion Ratio Lower Upper
42 100
74 249.3 212.6 319.0
44 3.6 2.6 3.8





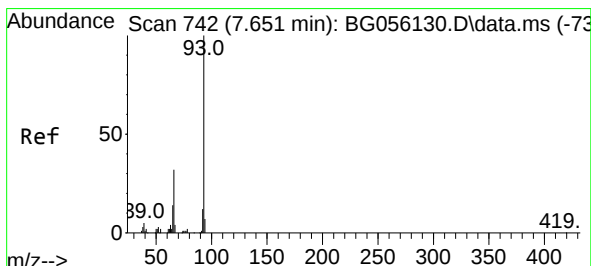
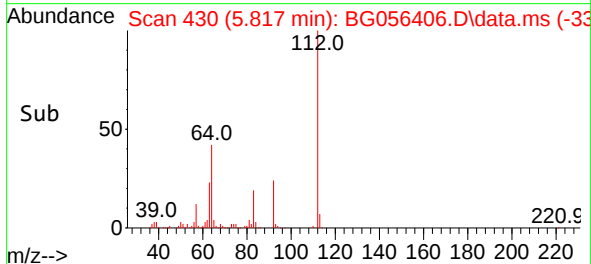
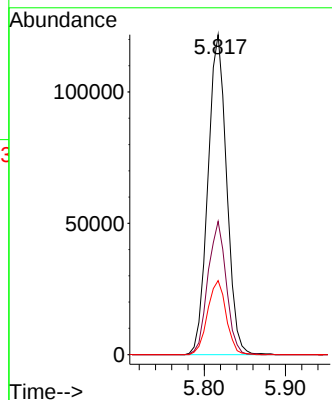
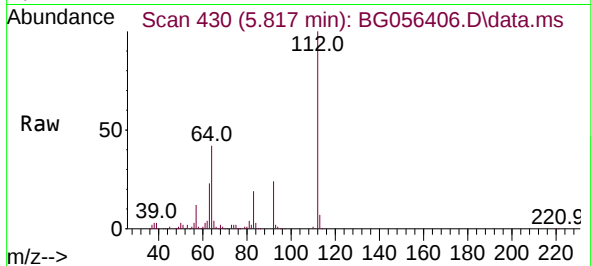
#5
2-Fluorophenol
Concen: 104.788 ng
RT: 5.817 min Scan# 436
Delta R.T. 0.003 min
Lab File: BG056406.D
Acq: 24 Jan 2023 17:07

Instrument :
BNA_G
ClientSampleId :
TP-28MS

Tgt Ion: 112 Resp: 195285
Ion Ratio Lower Upper
112 100
64 41.6 33.3 49.9
63 23.1 19.0 28.4

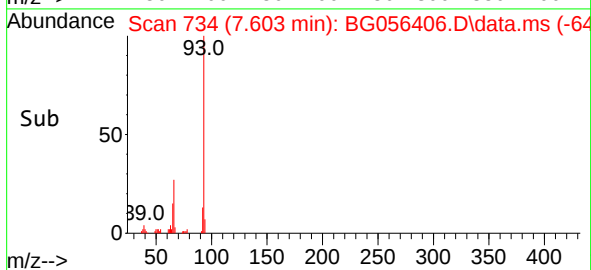
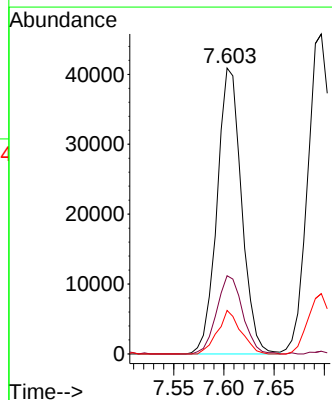
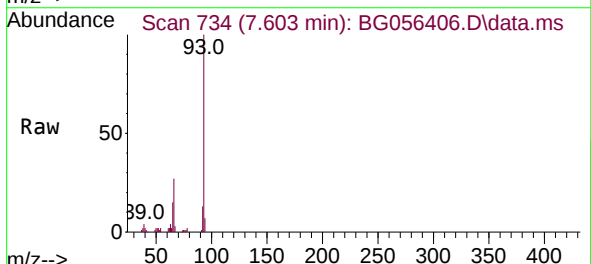
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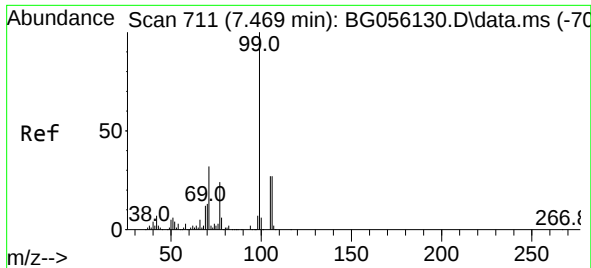
Reviewed By :Christian Giraldo 01/25/2023
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#6
Aniline
Concen: 18.526 ng
RT: 7.603 min Scan# 734
Delta R.T. -0.003 min
Lab File: BG056406.D
Acq: 24 Jan 2023 17:07

Tgt Ion: 93 Resp: 69532
Ion Ratio Lower Upper
93 100
66 27.4 25.4 38.2
65 15.2 11.4 17.2





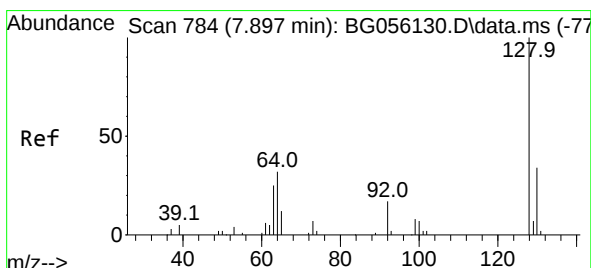
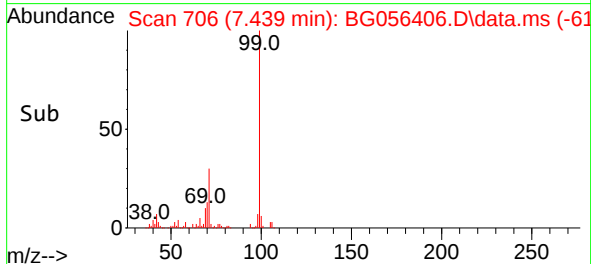
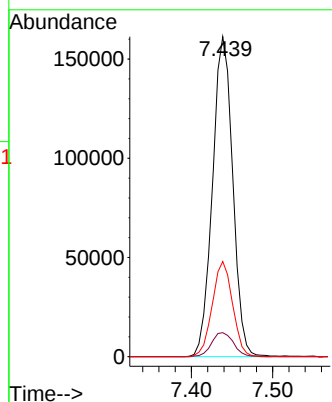
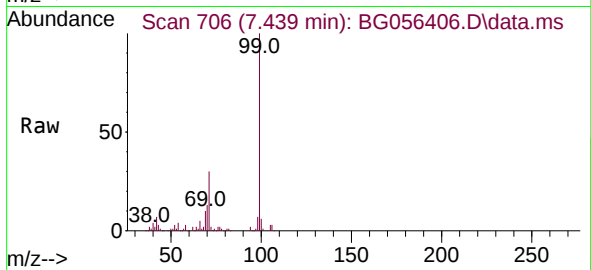
#7
Phenol-d6
Concen: 97.609 ng
RT: 7.439 min Scan# 706
Delta R.T. 0.003 min
Lab File: BG056406.D
Acq: 24 Jan 2023 17:07

Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 279352
Ion Ratio Lower Upper
99 100
42 7.5 5.9 8.9
71 29.7 25.4 38.2

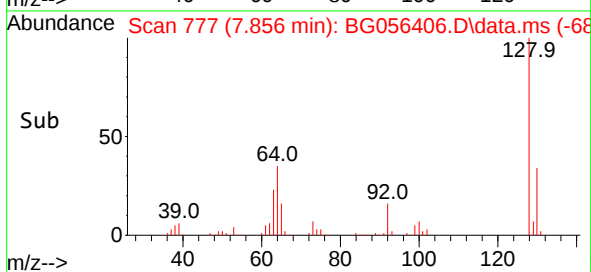
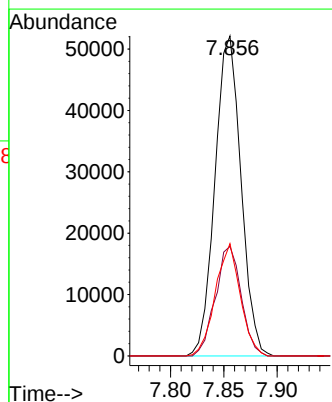
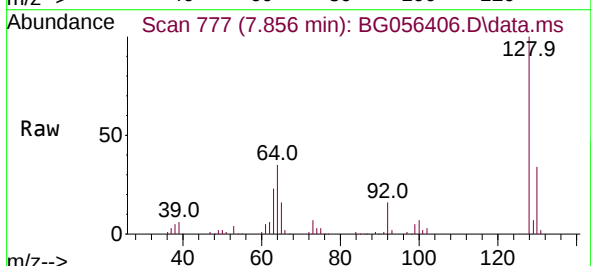
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#8
2-Chlorophenol
Concen: 47.762 ng
RT: 7.856 min Scan# 777
Delta R.T. 0.003 min
Lab File: BG056406.D
Acq: 24 Jan 2023 17:07

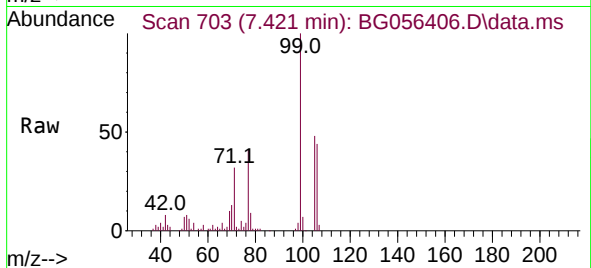
Tgt Ion:128 Resp: 88574
Ion Ratio Lower Upper
128 100
130 34.2 13.5 53.5
64 35.1 18.0 58.0





#9
Benzaldehyde
Concen: 21.375 ng m
RT: 7.421 min Scan# 70
Delta R.T. 0.003 min
Lab File: BG056406.D
Acq: 24 Jan 2023 17:07

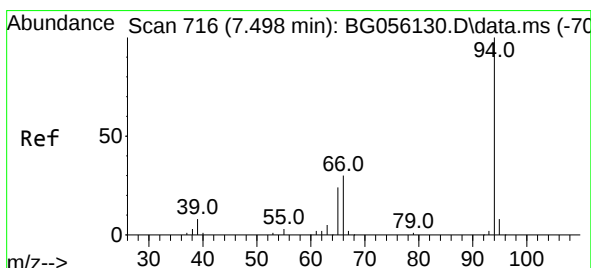
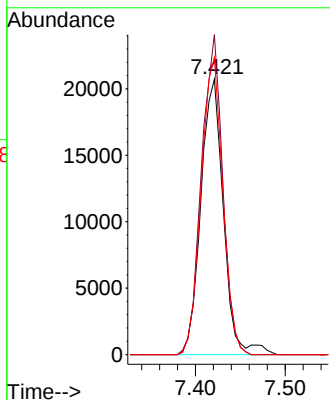
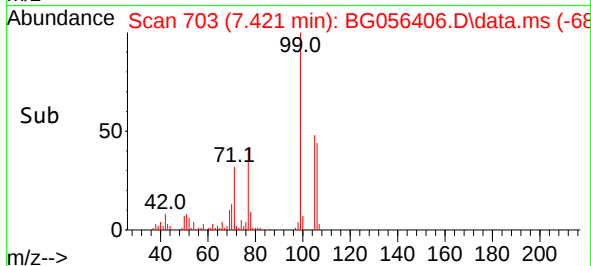
Instrument :
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Tgt Ion: 77 Resp: 36375
Ion Ratio Lower Upper
77 100
105 116.2 86.8 126.8
106 107.9 89.3 129.3

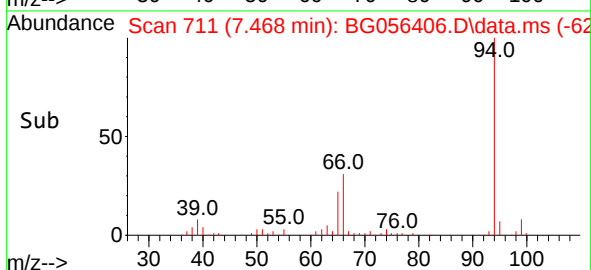
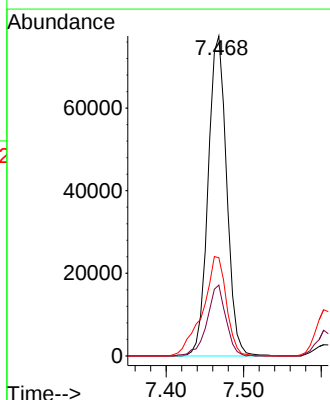
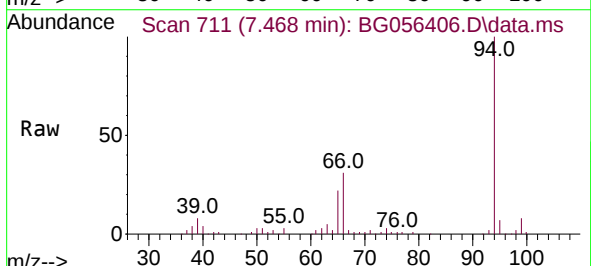
Manual Integrations
APPROVED

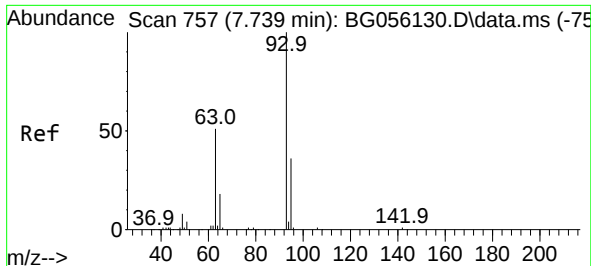
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#10
Phenol
Concen: 44.150 ng
RT: 7.468 min Scan# 711
Delta R.T. 0.003 min
Lab File: BG056406.D
Acq: 24 Jan 2023 17:07

Tgt Ion: 94 Resp: 128143
Ion Ratio Lower Upper
94 100
65 22.1 4.3 44.3
66 30.7 13.2 53.2





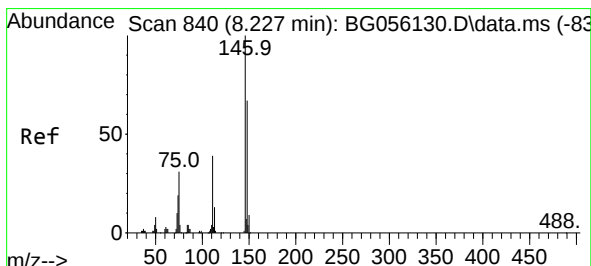
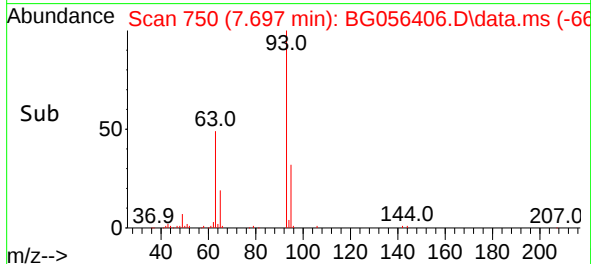
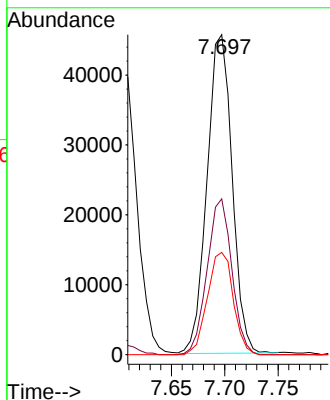
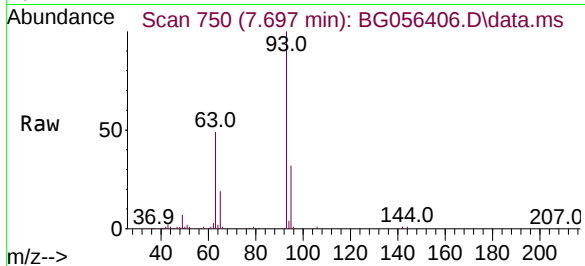
#11
bis(2-Chloroethyl)ether
Concen: 38.010 ng
RT: 7.697 min Scan# 741
Delta R.T. -0.003 min
Lab File: BG056406.D
Acq: 24 Jan 2023 17:07

Instrument :
BNA_G
ClientSampleId :
TP-28MS

Tgt Ion: 93 Resp: 74762
Ion Ratio Lower Upper
93 100
63 48.7 30.5 70.5
95 31.9 15.9 55.9

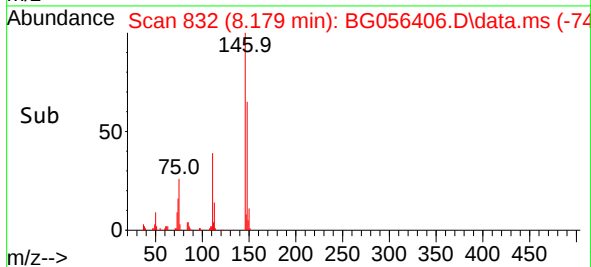
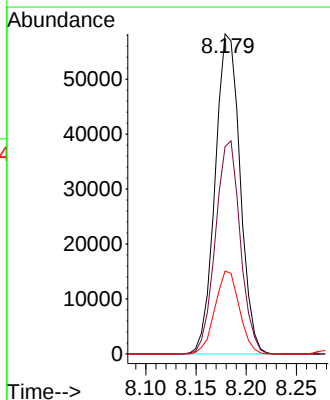
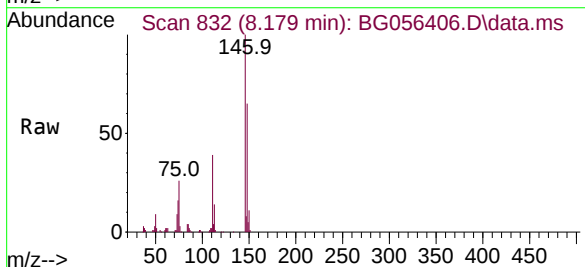
Manual Integrations
APPROVED

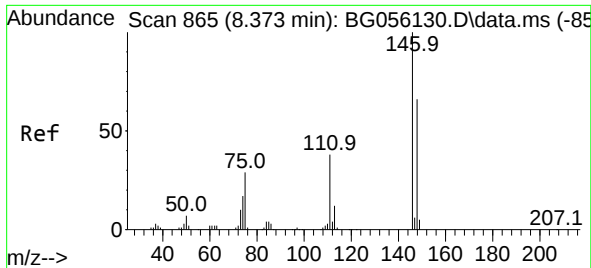
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#12
1,3-Dichlorobenzene
Concen: 44.623 ng
RT: 8.179 min Scan# 832
Delta R.T. -0.003 min
Lab File: BG056406.D
Acq: 24 Jan 2023 17:07

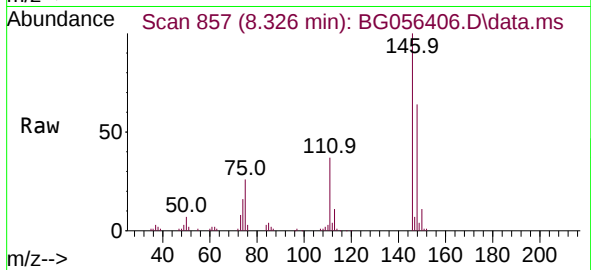
Tgt Ion:146 Resp: 100716
Ion Ratio Lower Upper
146 100
148 64.8 53.5 80.3
75 25.9 24.8 37.2





#13
1,4-Dichlorobenzene
Concen: 45.189 ng
RT: 8.326 min Scan# 811
Delta R.T. -0.003 min
Lab File: BG056406.D
Acq: 24 Jan 2023 17:07

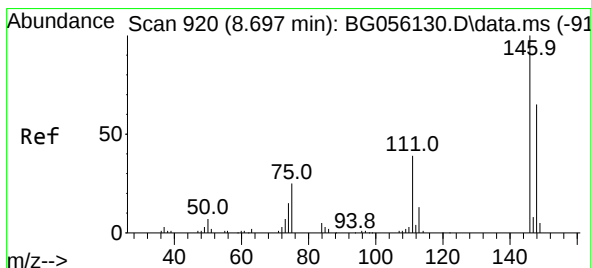
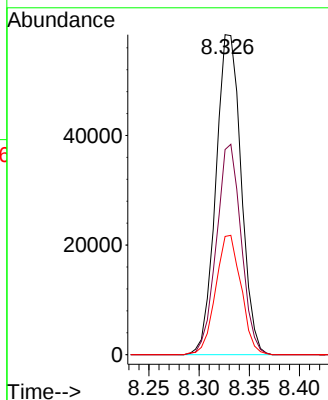
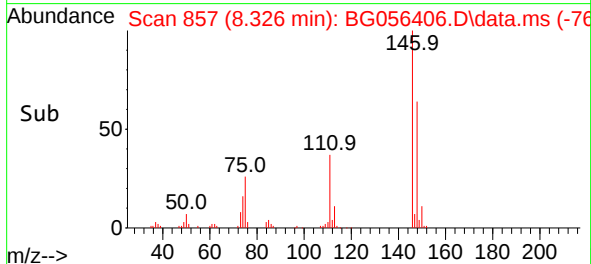
Instrument :
BNA_G
ClientSampleId :
TP-28MS



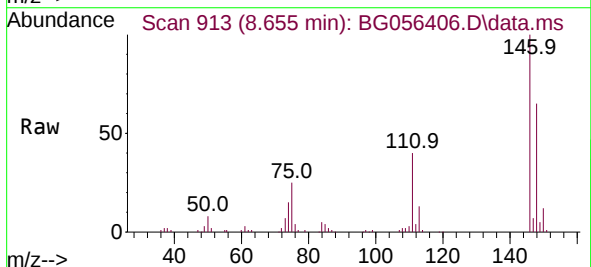
Tgt Ion:146 Resp: 102420
Ion Ratio Lower Upper
146 100
148 64.1 52.8 79.2
111 36.9 30.5 45.7

Manual Integrations
APPROVED

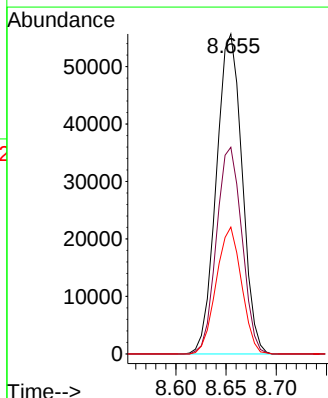
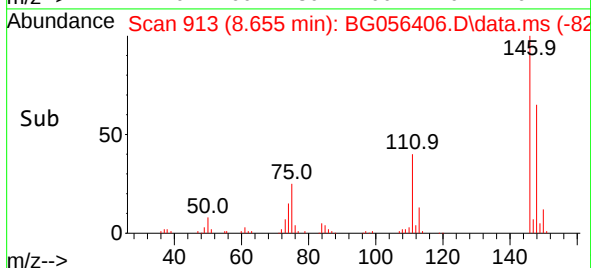
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#14
1,2-Dichlorobenzene
Concen: 45.479 ng
RT: 8.655 min Scan# 913
Delta R.T. -0.003 min
Lab File: BG056406.D
Acq: 24 Jan 2023 17:07



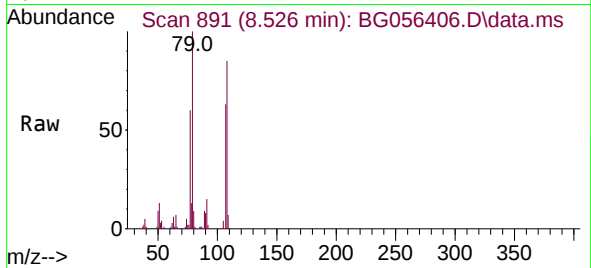
Tgt Ion:146 Resp: 99459
Ion Ratio Lower Upper
146 100
148 64.6 51.7 77.5
111 39.6 31.5 47.3





#15
Benzyl Alcohol
Concen: 37.497 ng m
RT: 8.526 min Scan# 898
Delta R.T. -0.003 min
Lab File: BG056406.D
Acq: 24 Jan 2023 17:07

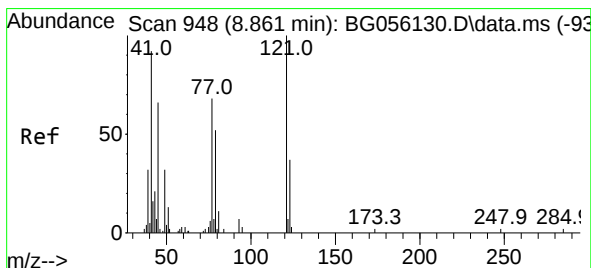
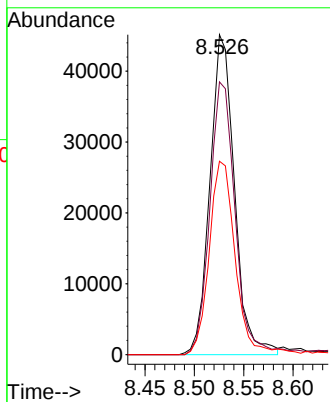
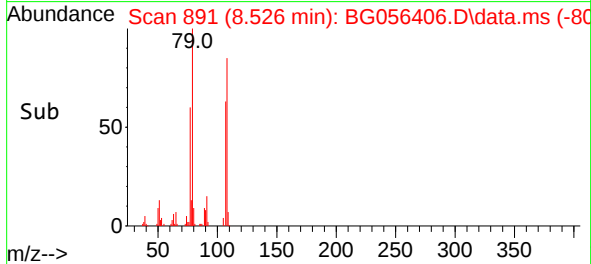
Instrument :
BNA_G
ClientSampleId :
TP-28MS



Tgt Ion: 79 Resp: 78105
Ion Ratio Lower Upper
79 100
108 85.2 64.7 97.1
77 60.4 51.5 77.3

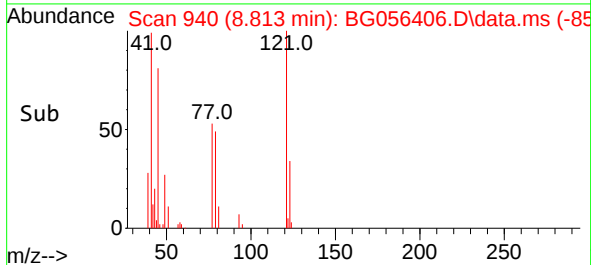
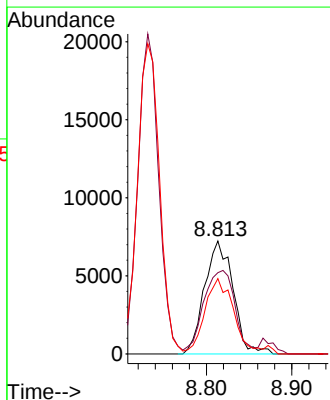
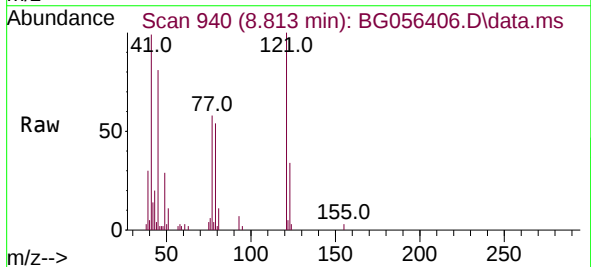
Manual Integrations
APPROVED

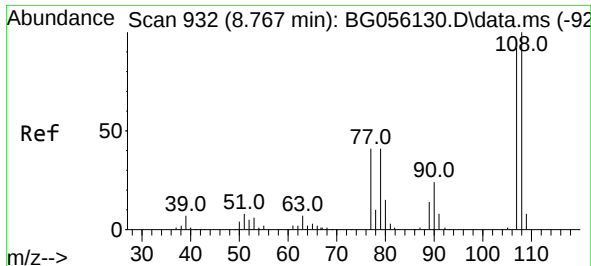
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.227 ng
RT: 8.813 min Scan# 940
Delta R.T. -0.009 min
Lab File: BG056406.D
Acq: 24 Jan 2023 17:07

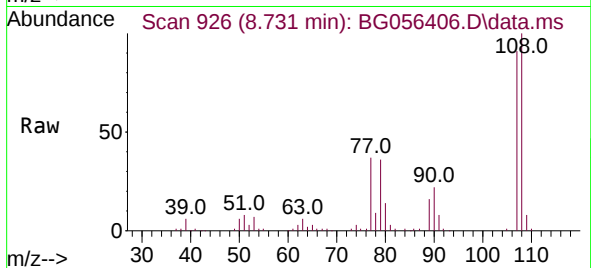
Tgt Ion: 45 Resp: 16763
Ion Ratio Lower Upper
45 100
77 72.0 88.2 128.2#
79 66.7 61.2 101.2





#17
2-Methylphenol
Concen: 40.699 ng
RT: 8.731 min Scan# 91
Delta R.T. -0.003 min
Lab File: BG056406.D
Acq: 24 Jan 2023 17:07

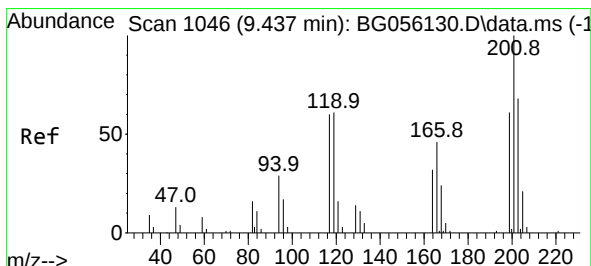
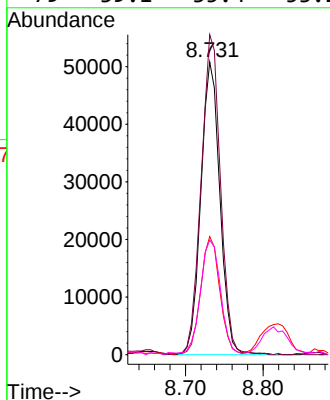
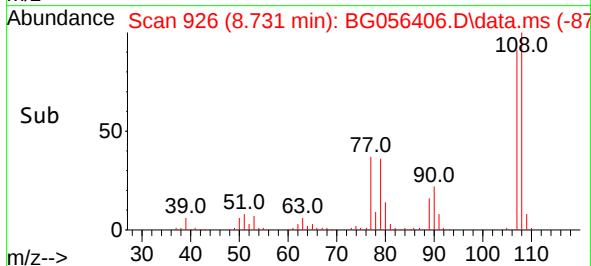
Instrument :
BNA_G
ClientSampleId :
TP-28MS



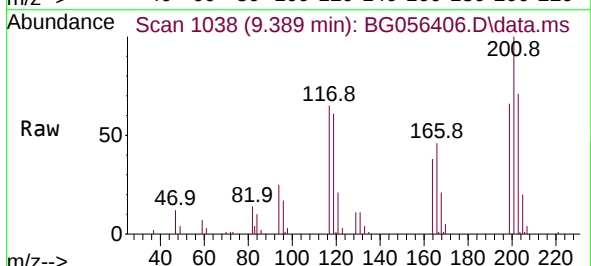
Tgt Ion:	107	Resp:	86679
Ion Ratio	Lower	Upper	
107	100		
108	109.3	86.6	129.8
77	40.3	35.4	53.2
79	39.1	35.4	53.2

Manual Integrations
APPROVED

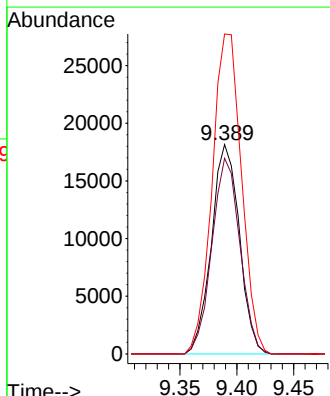
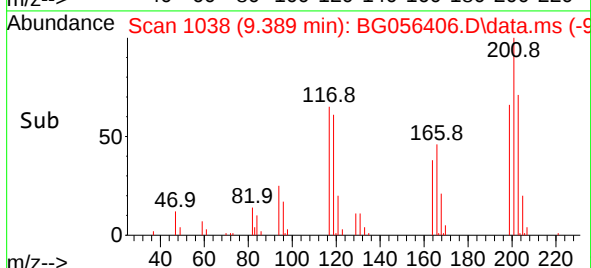
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

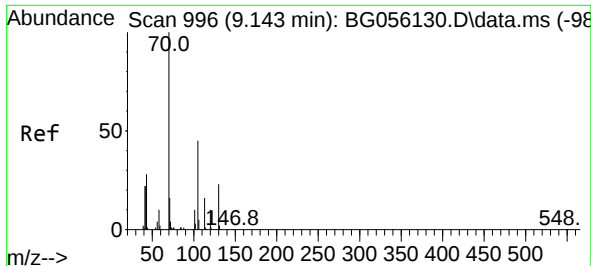


#18
Hexachloroethane
Concen: 44.996 ng
RT: 9.389 min Scan# 1038
Delta R.T. -0.003 min
Lab File: BG056406.D
Acq: 24 Jan 2023 17:07



Tgt Ion:	117	Resp:	30981
Ion Ratio	Lower	Upper	
117	100		
119	93.5	81.8	122.6
201	152.9	134.2	201.2





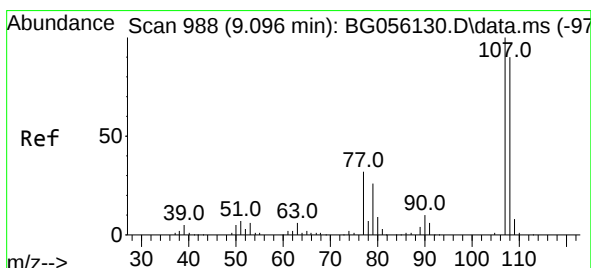
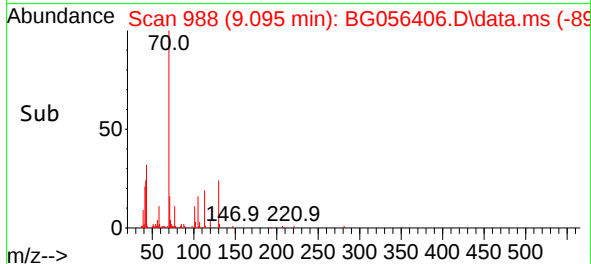
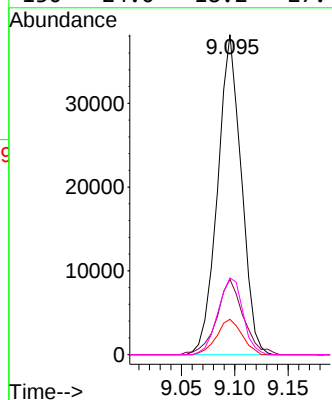
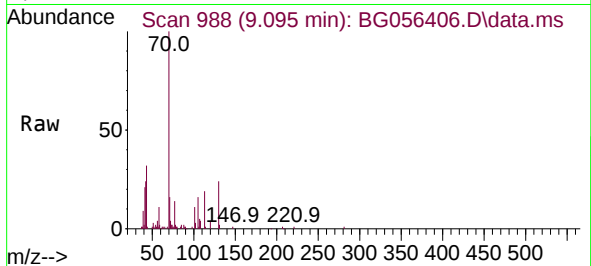
#19
n-Nitroso-di-n-propylamine
Concen: 33.991 ng
RT: 9.095 min Scan# 981
Delta R.T. -0.003 min
Lab File: BG056406.D
Acq: 24 Jan 2023 17:07

Instrument :
BNA_G
ClientSampleId :
TP-28MS

Tgt Ion:	70	Resp:	59156
Ion Ratio	Lower	Upper	
70	100		
42	23.5	18.2	27.2
101	11.0	8.3	12.5
130	24.0	18.2	27.4

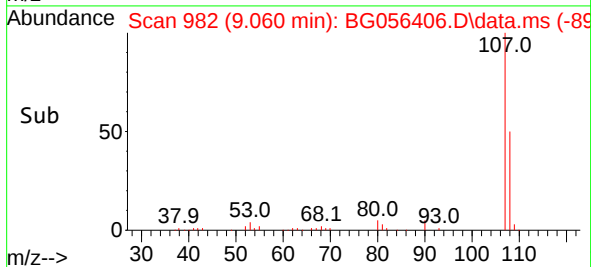
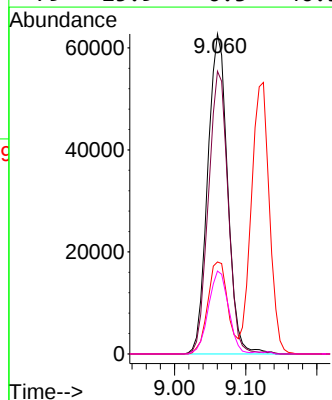
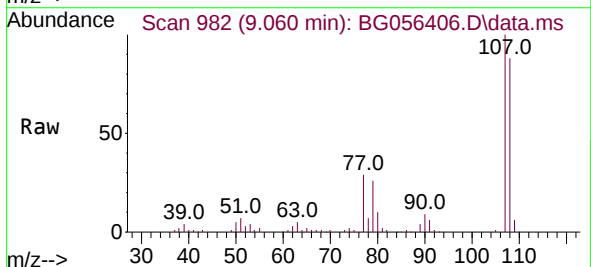
Manual Integrations
APPROVED

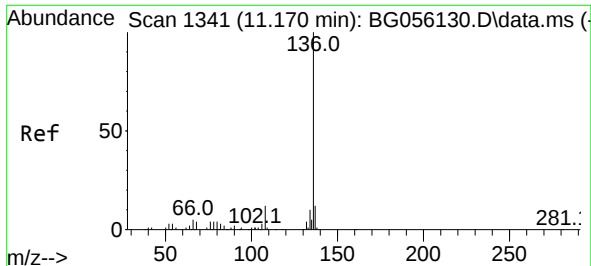
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#20
3+4-Methylphenols
Concen: 40.682 ng
RT: 9.060 min Scan# 982
Delta R.T. -0.003 min
Lab File: BG056406.D
Acq: 24 Jan 2023 17:07

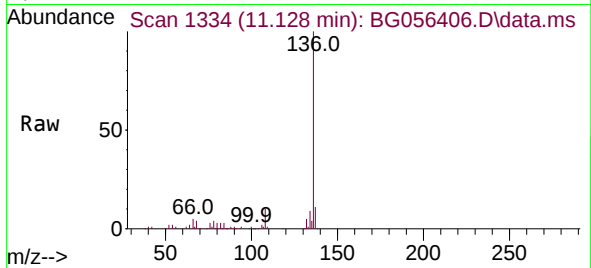
Tgt Ion:	107	Resp:	121814
Ion Ratio	Lower	Upper	
107	100		
108	88.3	69.6	109.6
77	28.7	11.7	51.7
79	25.9	6.3	46.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.128 min Scan# 1341
Delta R.T. -0.003 min
Lab File: BG056406.D
Acq: 24 Jan 2023 17:07

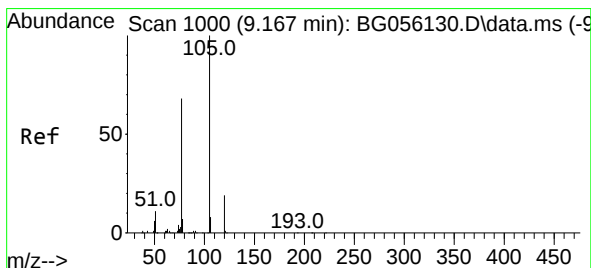
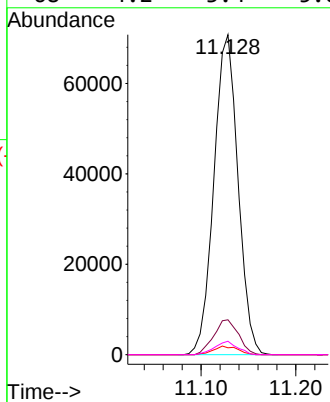
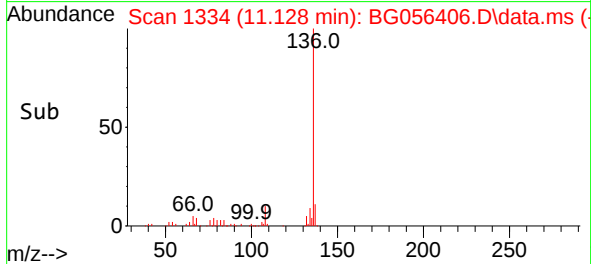
Instrument :
BNA_G
ClientSampleId :
TP-28MS



Tgt Ion:136 Resp: 125000
Ion Ratio Lower Upper
136 100
137 10.9 9.4 14.0
54 2.1 2.2 3.2
68 4.2 3.4 5.0

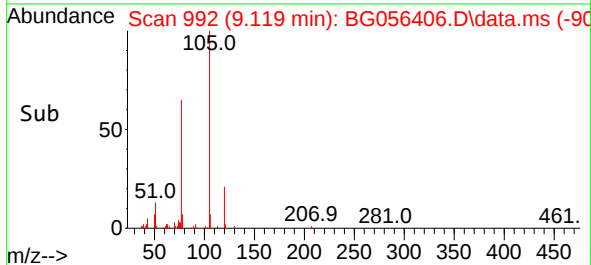
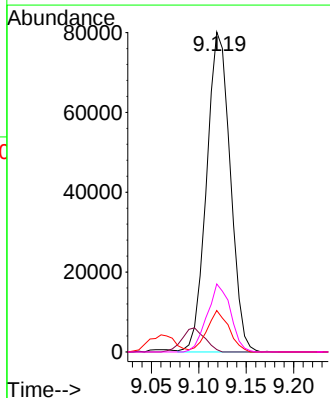
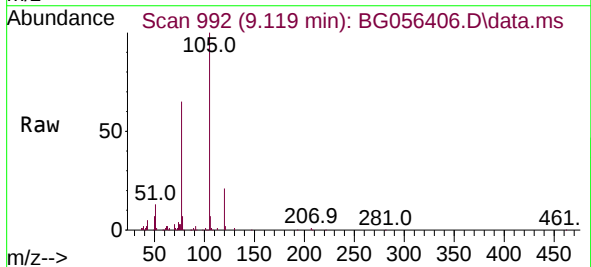
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#22
Acetophenone
Concen: 39.400 ng
RT: 9.119 min Scan# 992
Delta R.T. -0.003 min
Lab File: BG056406.D
Acq: 24 Jan 2023 17:07

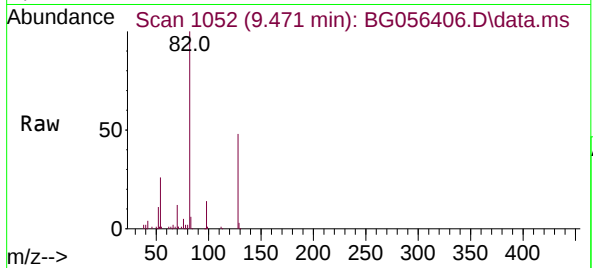
Tgt Ion:105 Resp: 139261
Ion Ratio Lower Upper
105 100
71 0.7 0.5 0.7
51 12.9 9.3 13.9
120 21.2 15.5 23.3





#23
Nitrobenzene-d5
Concen: 57.428 ng
RT: 9.471 min Scan# 1052
Delta R.T. -0.003 min
Lab File: BG056406.D
Acq: 24 Jan 2023 17:07

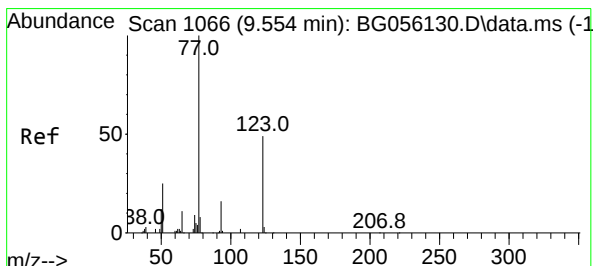
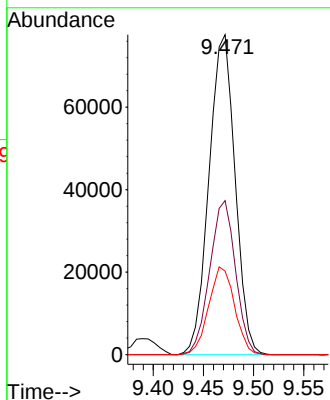
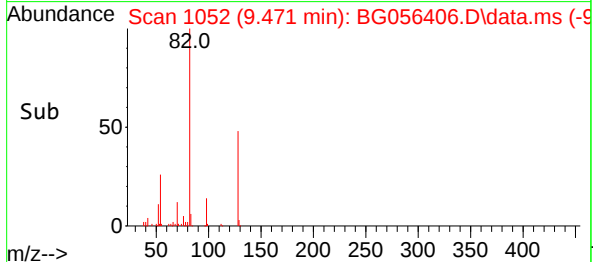
Instrument :
BNA_G
ClientSampleId :
TP-28MS



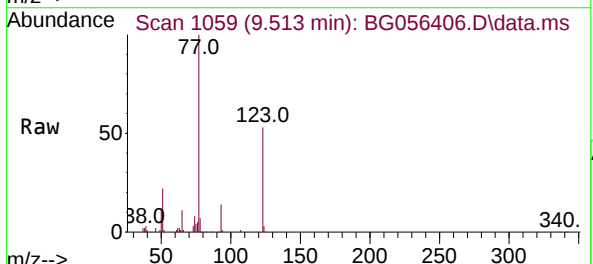
Tgt Ion: 82 Resp: 140344
Ion Ratio Lower Upper
82 100
128 48.1 33.4 50.2
54 26.1 20.3 30.5

Manual Integrations
APPROVED

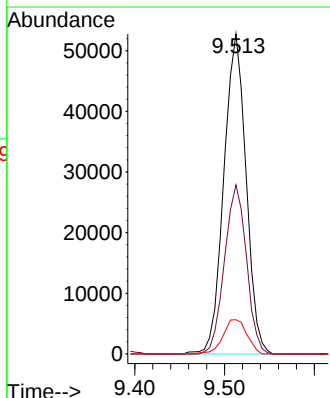
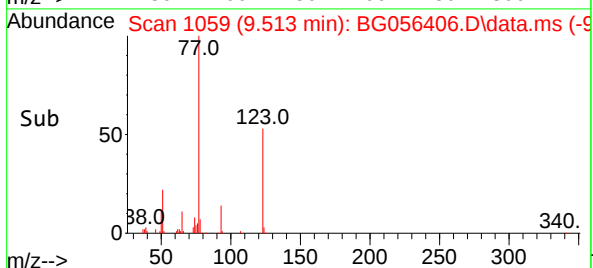
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

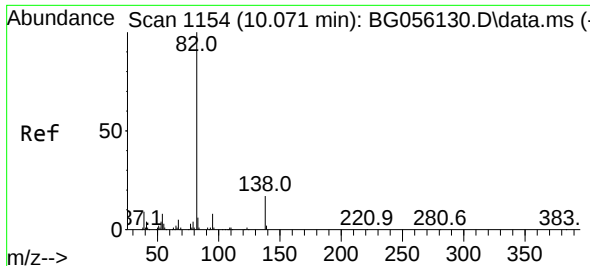


#24
Nitrobenzene
Concen: 37.549 ng
RT: 9.513 min Scan# 1059
Delta R.T. -0.003 min
Lab File: BG056406.D
Acq: 24 Jan 2023 17:07



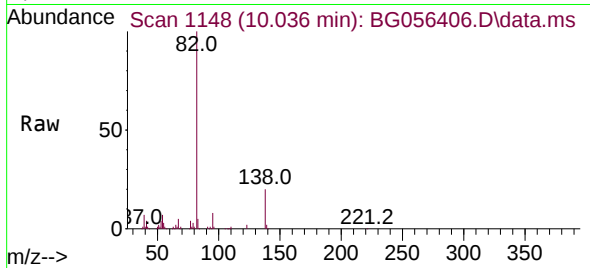
Tgt Ion: 77 Resp: 90937
Ion Ratio Lower Upper
77 100
123 52.8 38.8 58.2
65 10.7 9.1 13.7





#25
Isophorone
Concen: 35.992 ng
RT: 10.036 min Scan# 1154
Delta R.T. 0.003 min
Lab File: BG056406.D
Acq: 24 Jan 2023 17:07

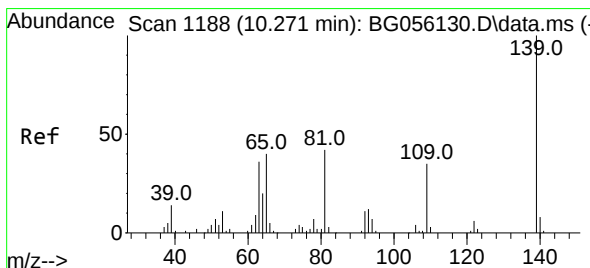
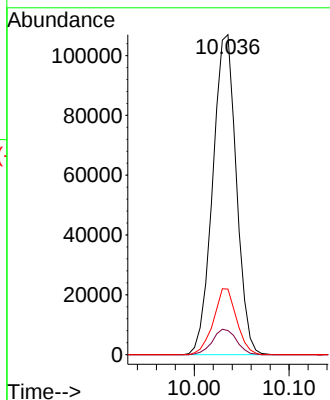
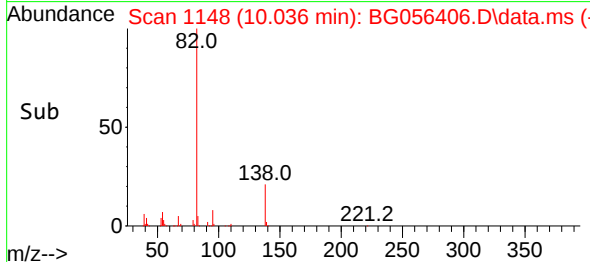
Instrument :
BNA_G
ClientSampleId :
TP-28MS



Tgt Ion: 82 Resp: 185064
Ion Ratio Lower Upper
82 100
95 7.5 6.7 10.1
138 20.5 13.7 20.5

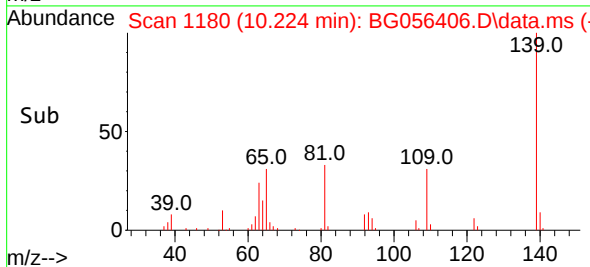
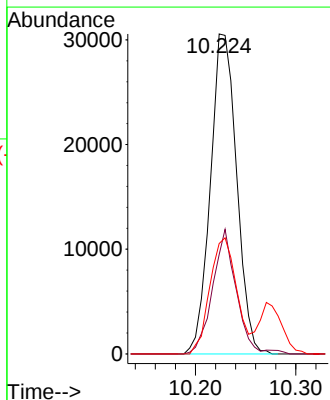
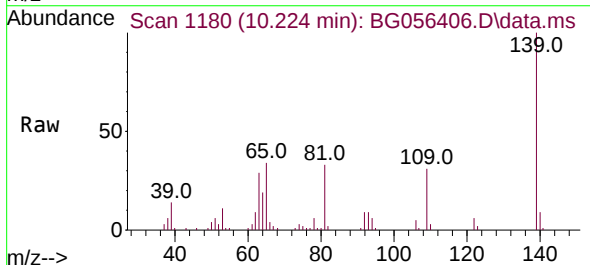
Manual Integrations
APPROVED

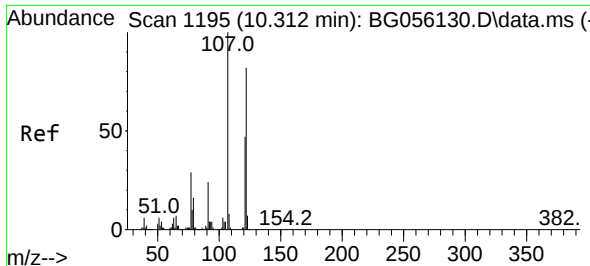
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#26
2-Nitrophenol
Concen: 44.886 ng
RT: 10.224 min Scan# 1180
Delta R.T. -0.009 min
Lab File: BG056406.D
Acq: 24 Jan 2023 17:07

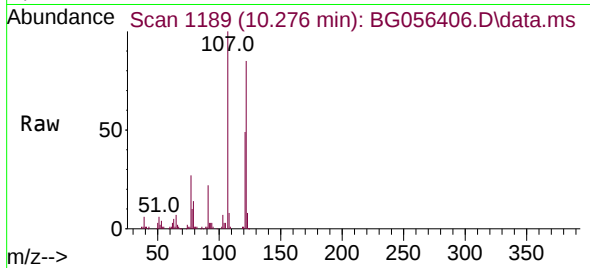
Tgt Ion:139 Resp: 55620
Ion Ratio Lower Upper
139 100
109 31.1 28.4 42.6
65 34.5 32.1 48.1





#27
2,4-Dimethylphenol
Concen: 45.846 ng
RT: 10.276 min Scan# 1195
Delta R.T. 0.003 min
Lab File: BG056406.D
Acq: 24 Jan 2023 17:07

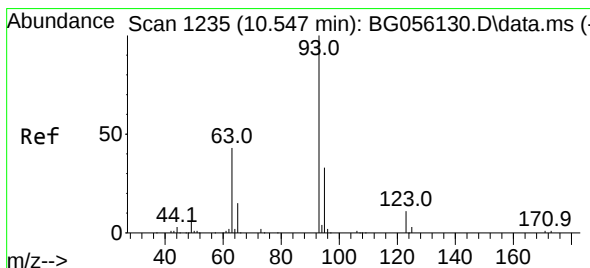
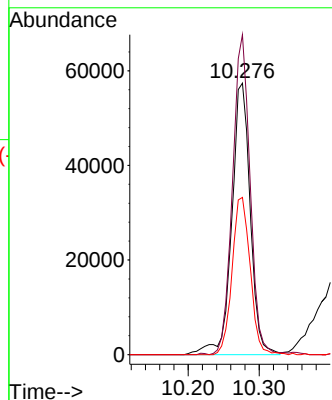
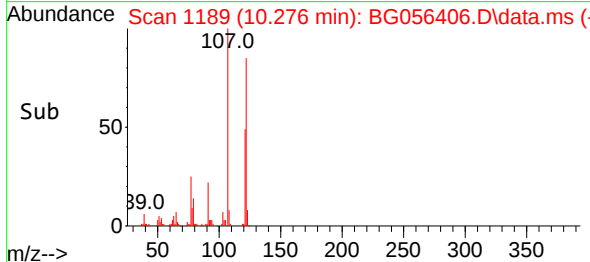
Instrument :
BNA_G
ClientSampleId :
TP-28MS



Tgt Ion:122 Resp: 103616
Ion Ratio Lower Upper
122 100
107 117.9 97.5 146.3
121 57.9 45.9 68.9

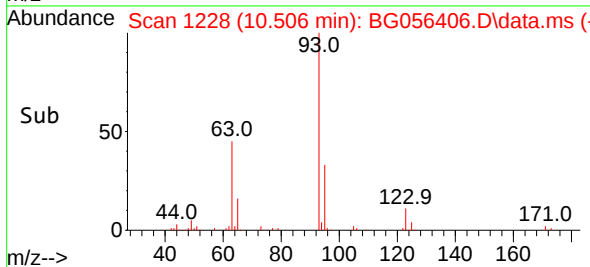
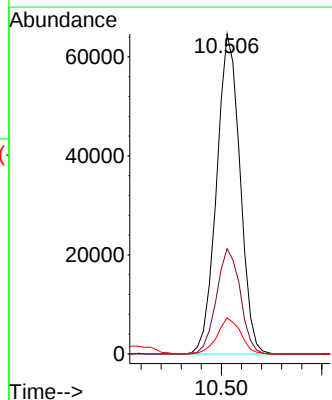
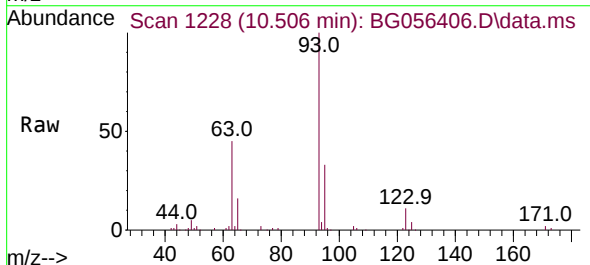
Manual Integrations
APPROVED

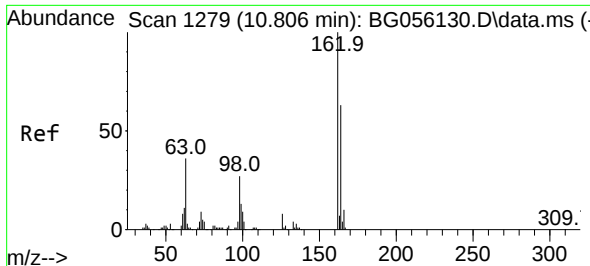
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#28
bis(2-Chloroethoxy)methane
Concen: 39.176 ng
RT: 10.506 min Scan# 1228
Delta R.T. -0.003 min
Lab File: BG056406.D
Acq: 24 Jan 2023 17:07

Tgt Ion: 93 Resp: 104695
Ion Ratio Lower Upper
93 100
95 32.9 26.2 39.2
123 11.2 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 46.928 ng

RT: 10.770 min Scan# 11

Delta R.T. -0.003 min

Lab File: BG056406.D

Acq: 24 Jan 2023 17:07

Instrument :

BNA_G

ClientSampleId :

TP-28MS

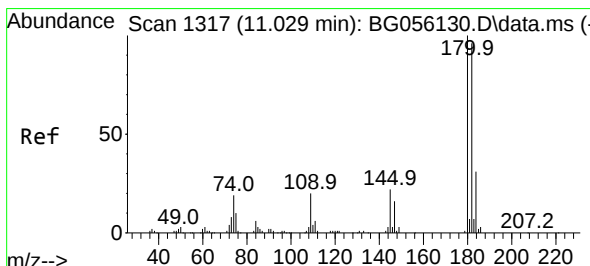
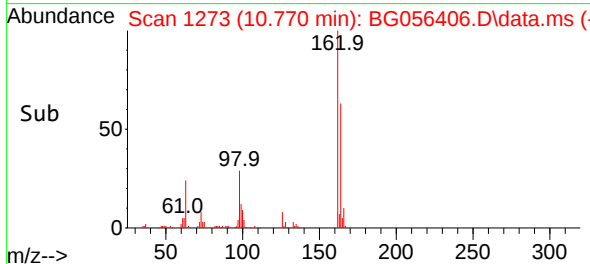
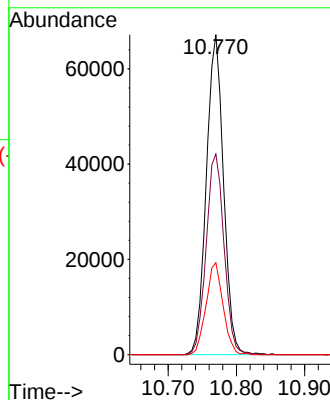
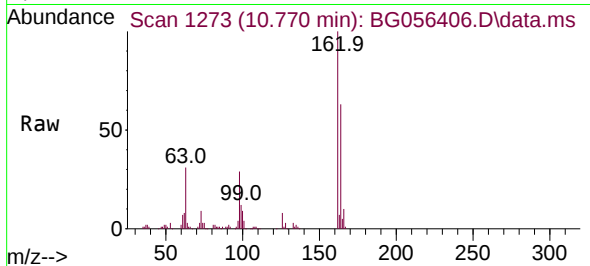
Tgt Ion:162	Resp: 117258
Ion Ratio	Lower Upper
162 100	
164 62.7	43.3 83.3
98 28.7	6.8 46.8

Manual Integrations

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Reviewed By :Christian Giraldo 01/25/2023

Supervised By :Jagrut Upadhyay 01/25/2023



#30

1,2,4-Trichlorobenzene

Concen: 41.896 ng

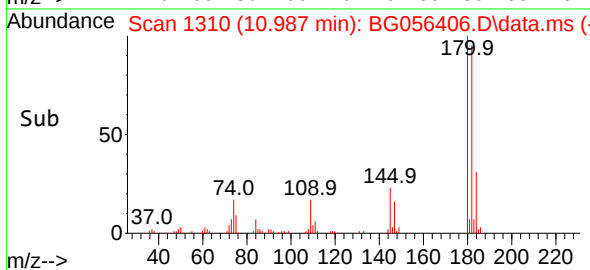
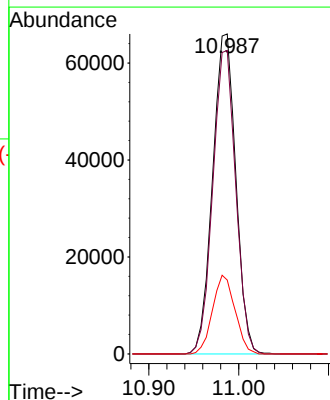
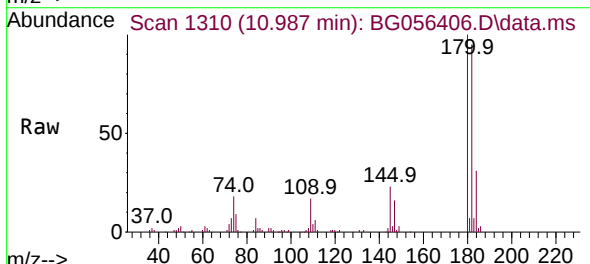
RT: 10.987 min Scan# 1310

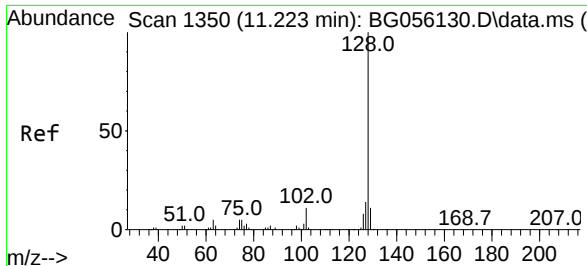
Delta R.T. 0.003 min

Lab File: BG056406.D

Acq: 24 Jan 2023 17:07

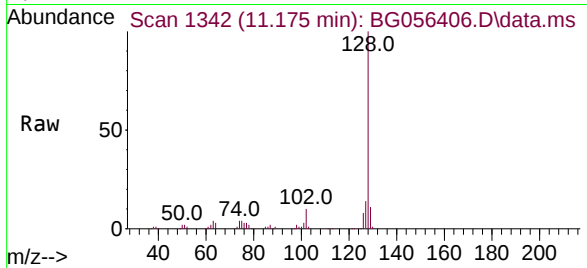
Tgt Ion:180	Resp: 118795
Ion Ratio	Lower Upper
180 100	
182 94.8	77.0 115.4
145 23.1	17.4 26.2





#31
Naphthalene
Concen: 42.601 ng
RT: 11.175 min Scan# 1350
Delta R.T. -0.009 min
Lab File: BG056406.D
Acq: 24 Jan 2023 17:07

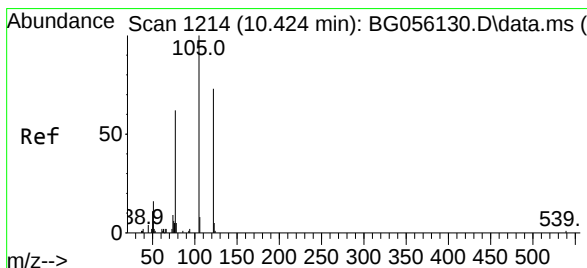
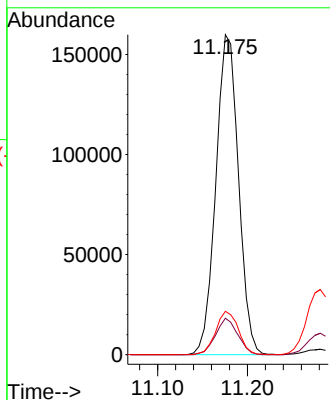
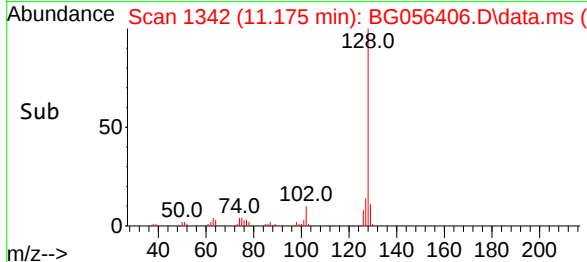
Instrument :
BNA_G
ClientSampleId :
TP-28MS



Tgt Ion:128 Resp: 280269
Ion Ratio Lower Upper
128 100
129 11.4 8.9 13.3
127 13.5 11.2 16.8

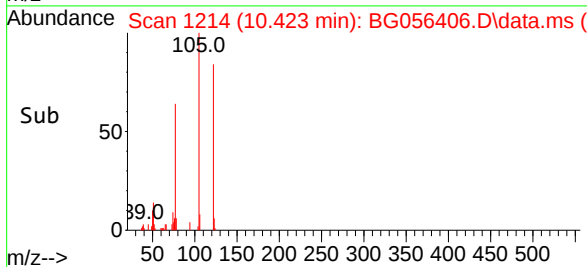
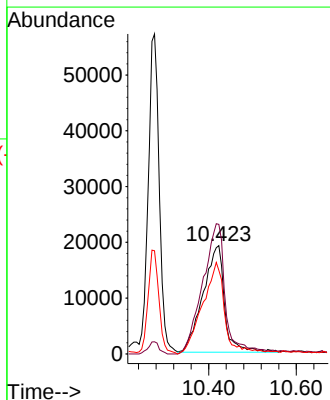
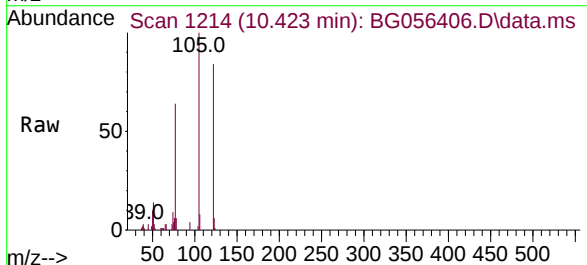
Manual Integrations
APPROVED

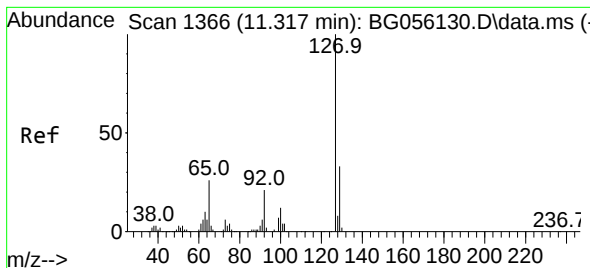
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#32
Benzoic acid
Concen: 39.113 ng m
RT: 10.423 min Scan# 1214
Delta R.T. 0.015 min
Lab File: BG056406.D
Acq: 24 Jan 2023 17:07

Tgt Ion:122 Resp: 65590
Ion Ratio Lower Upper
122 100
105 119.7 109.0 149.0
77 77.2 63.1 103.1





#33

4-Chloroaniline

Concen: 22.259 ng

RT: 11.281 min Scan# 1366

Delta R.T. 0.003 min

Lab File: BG056406.D

Acq: 24 Jan 2023 17:07

Instrument :

BNA_G

ClientSampleId :

TP-28MS

Tgt Ion:127 Resp: 69916

Ion Ratio Lower Upper

127 100

129 32.9 26.1 39.1

65 21.5 20.9 31.3

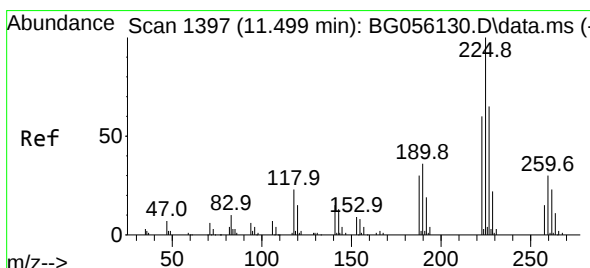
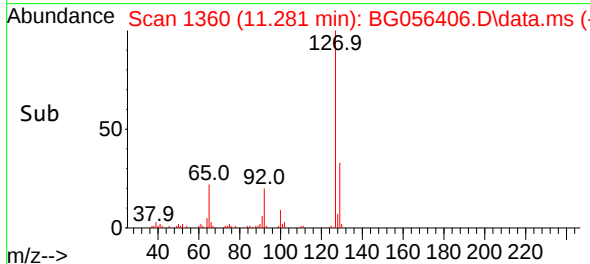
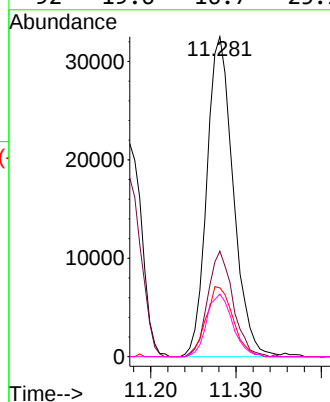
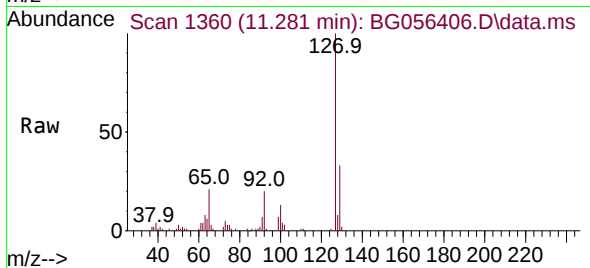
92 19.6 16.7 25.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/25/2023

Supervised By :Jagrut Upadhyay 01/25/2023



#34

Hexachlorobutadiene

Concen: 39.318 ng

RT: 11.451 min Scan# 1389

Delta R.T. -0.003 min

Lab File: BG056406.D

Acq: 24 Jan 2023 17:07

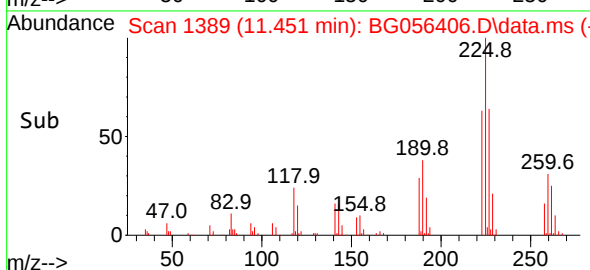
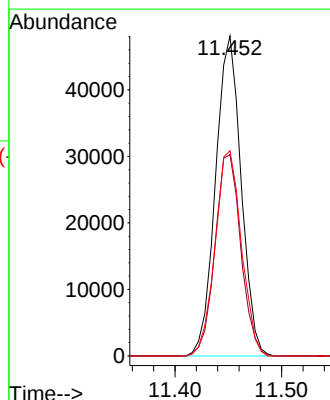
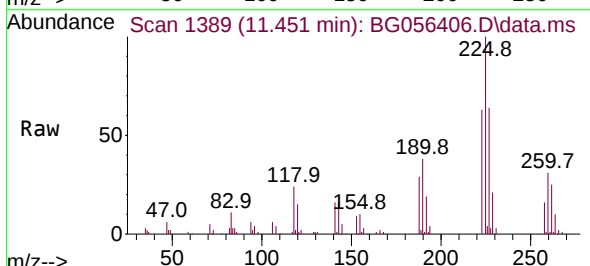
Tgt Ion:225 Resp: 80183

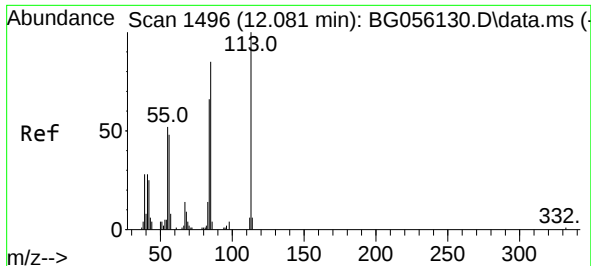
Ion Ratio Lower Upper

225 100

223 62.9 47.7 71.5

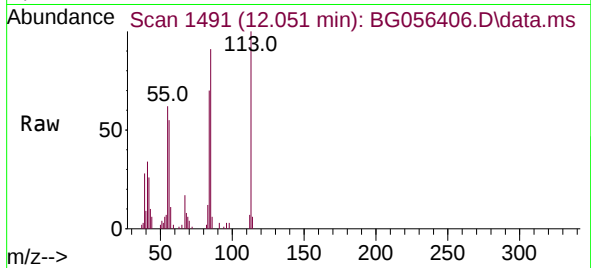
227 67.4 52.3 78.5





#35
Caprolactam
Concen: 44.575 ng m
RT: 12.051 min Scan# 1496
Delta R.T. -0.003 min
Lab File: BG056406.D
Acq: 24 Jan 2023 17:07

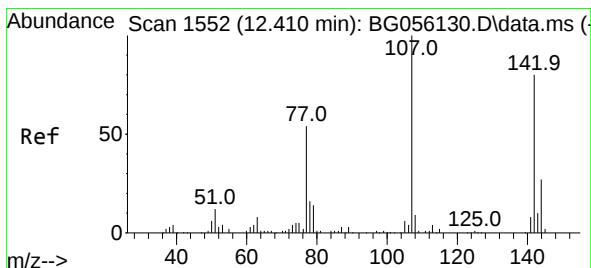
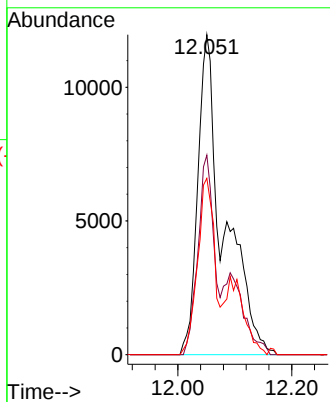
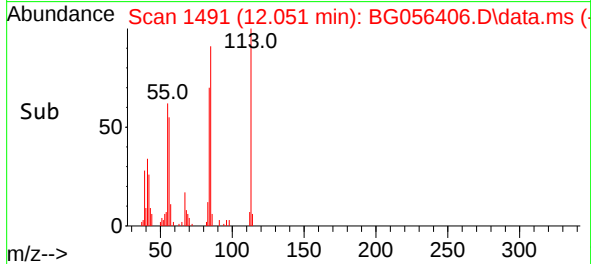
Instrument :
BNA_G
ClientSampleId :
TP-28MS



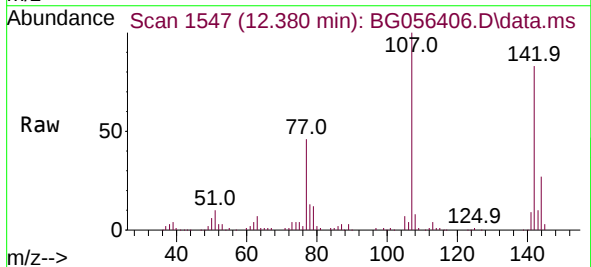
Tgt Ion:113 Resp: 37709
Ion Ratio Lower Upper
113 100
55 62.3 31.9 71.9
56 55.1 27.6 67.6

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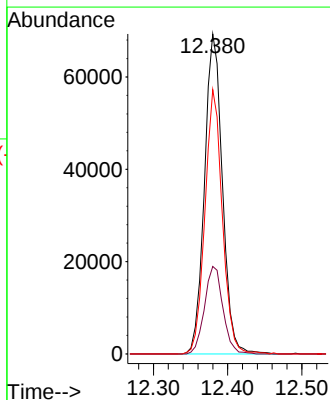
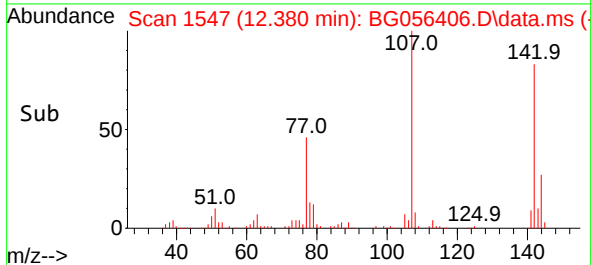
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

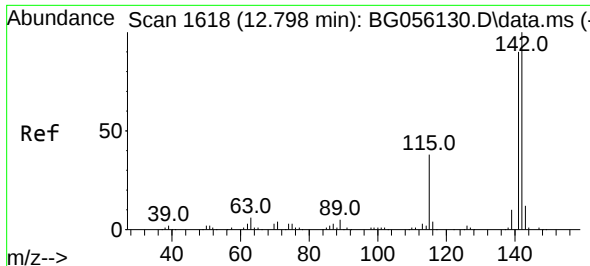


#36
4-Chloro-3-methylphenol
Concen: 45.831 ng
RT: 12.380 min Scan# 1547
Delta R.T. -0.003 min
Lab File: BG056406.D
Acq: 24 Jan 2023 17:07



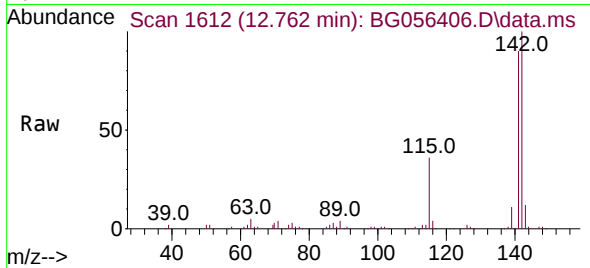
Tgt Ion:107 Resp: 116202
Ion Ratio Lower Upper
107 100
144 27.3 21.5 32.3
142 82.6 63.8 95.6





#37
2-Methylnaphthalene
Concen: 40.395 ng
RT: 12.762 min Scan# 1612
Delta R.T. -0.003 min
Lab File: BG056406.D
Acq: 24 Jan 2023 17:07

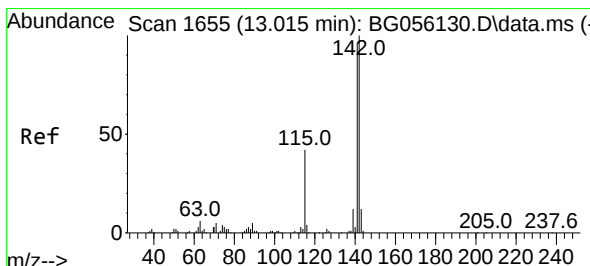
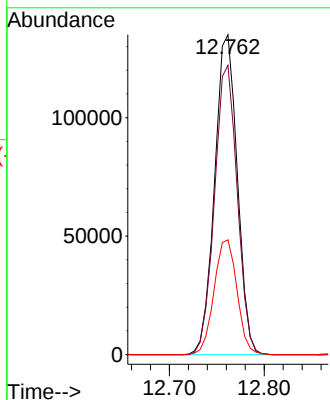
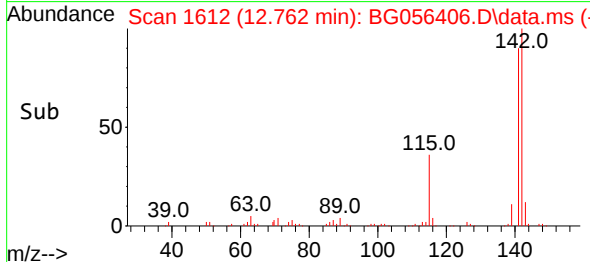
Instrument :
BNA_G
ClientSampleId :
TP-28MS



Tgt Ion:142 Resp: 224392
Ion Ratio Lower Upper
142 100
141 90.4 72.2 108.4
115 35.9 30.7 46.1

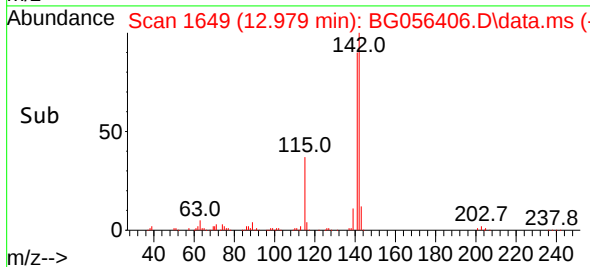
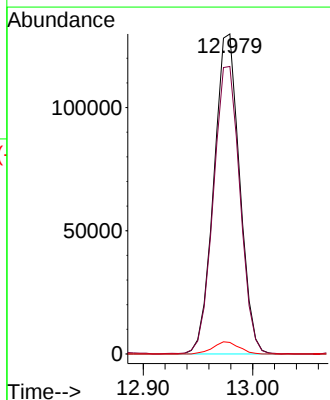
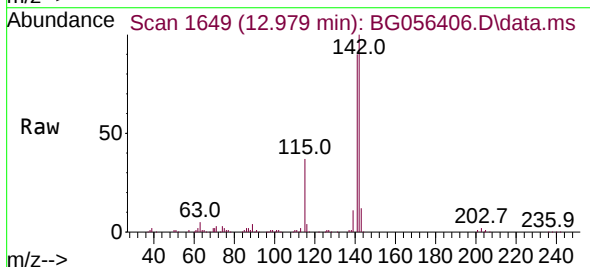
Manual Integrations
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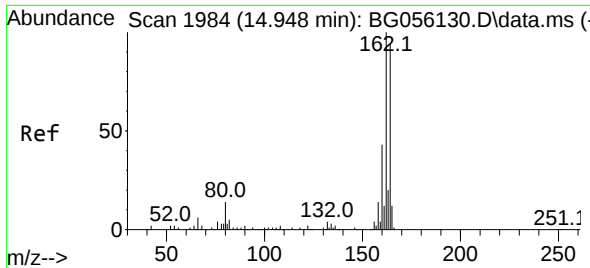
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#38
1-Methylnaphthalene
Concen: 41.144 ng m
RT: 12.979 min Scan# 1649
Delta R.T. -0.003 min
Lab File: BG056406.D
Acq: 24 Jan 2023 17:07

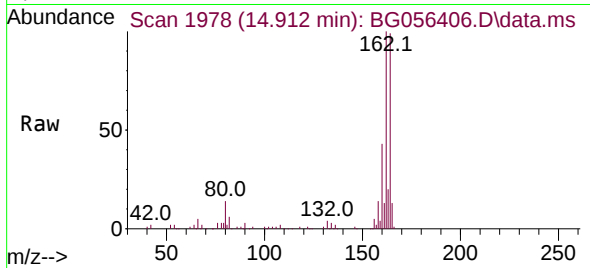
Tgt Ion:142 Resp: 212237
Ion Ratio Lower Upper
142 100
141 89.8 77.0 115.6
116 3.6 3.6 5.4#





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.912 min Scan# 1984
Delta R.T. -0.003 min
Lab File: BG056406.D
Acq: 24 Jan 2023 17:07

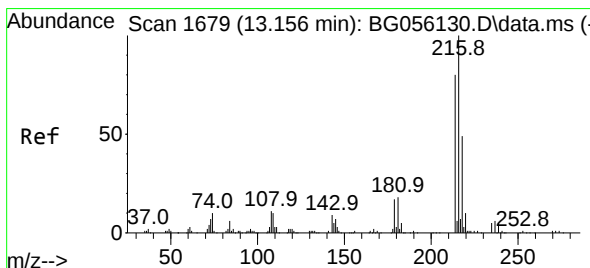
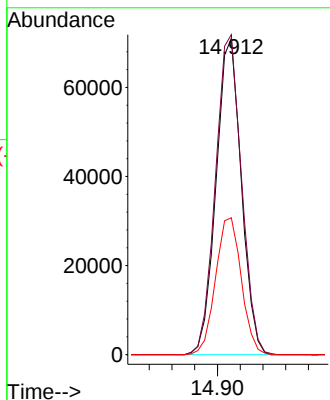
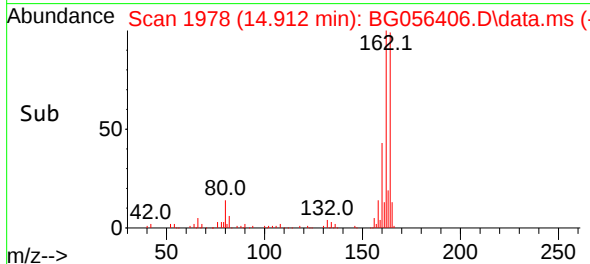
Instrument :
BNA_G
ClientSampleId :
TP-28MS



Tgt Ion:164 Resp: 108989
Ion Ratio Lower Upper
164 100
162 101.2 84.7 127.1
160 43.3 36.3 54.5

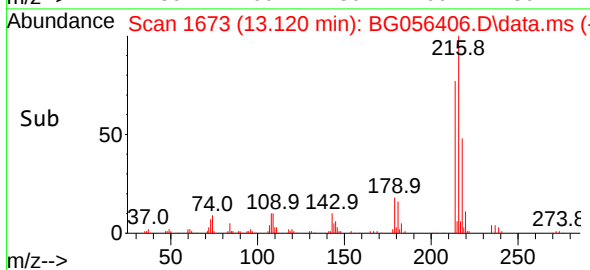
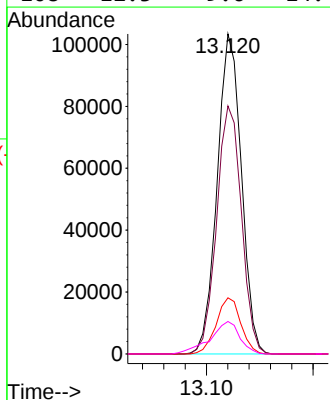
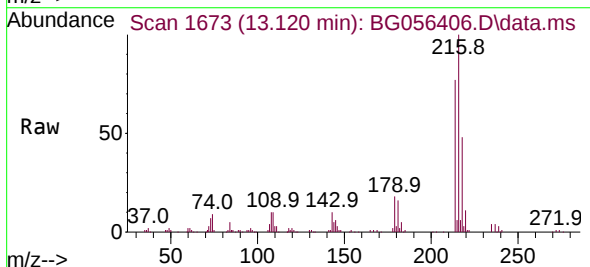
Manual Integrations
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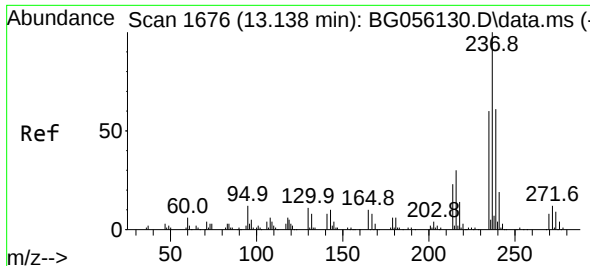
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.995 ng
RT: 13.120 min Scan# 1673
Delta R.T. -0.003 min
Lab File: BG056406.D
Acq: 24 Jan 2023 17:07

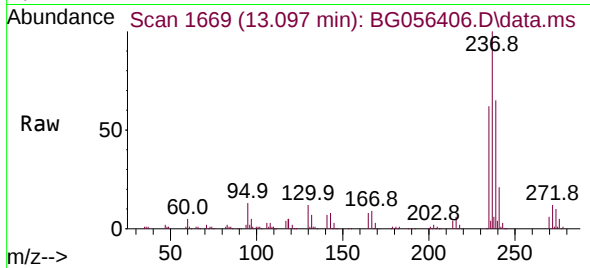
Tgt Ion:216 Resp: 163374
Ion Ratio Lower Upper
216 100
214 79.3 63.4 95.0
179 17.7 13.6 20.4
108 12.3 9.6 14.4





#41
Hexachlorocyclopentadiene
Concen: 77.419 ng
RT: 13.097 min Scan# 1669
Delta R.T. -0.003 min
Lab File: BG056406.D
Acq: 24 Jan 2023 17:07

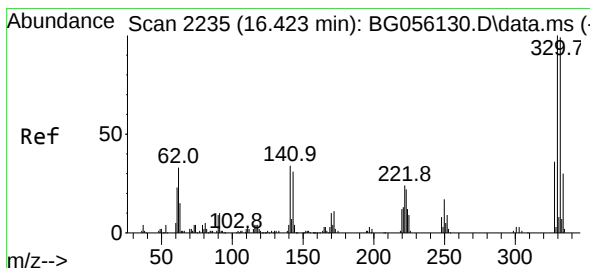
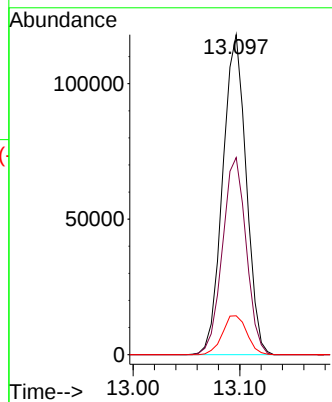
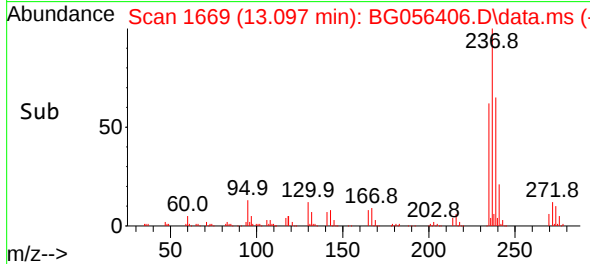
Instrument :
BNA_G
ClientSampleId :
TP-28MS



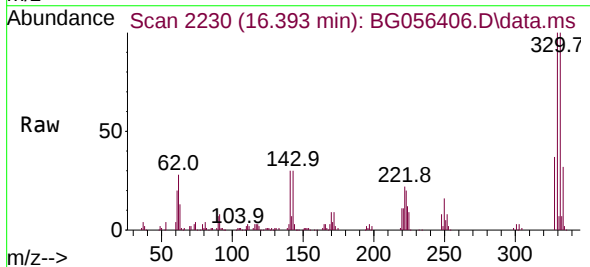
Tgt Ion:237 Resp: 180301
Ion Ratio Lower Upper
237 100
235 61.6 40.3 80.3
272 12.1 0.0 32.5

Manual Integrations
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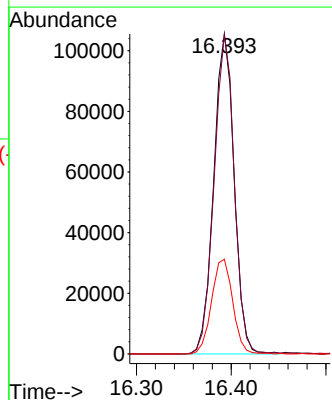
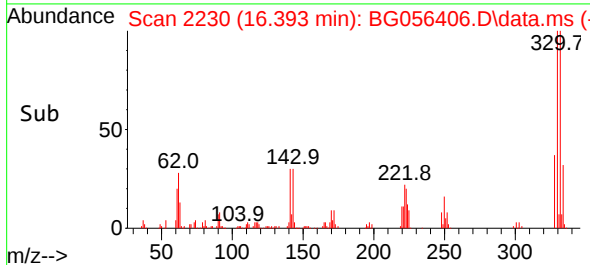
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

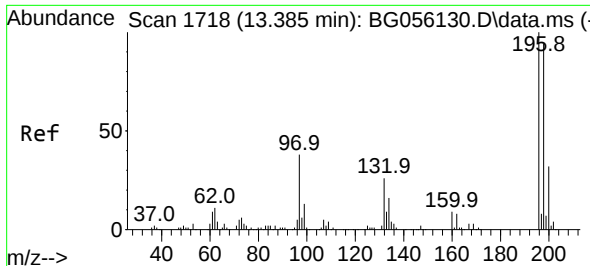


#42
2,4,6-Tribromophenol
Concen: 114.503 ng
RT: 16.393 min Scan# 2230
Delta R.T. -0.003 min
Lab File: BG056406.D
Acq: 24 Jan 2023 17:07



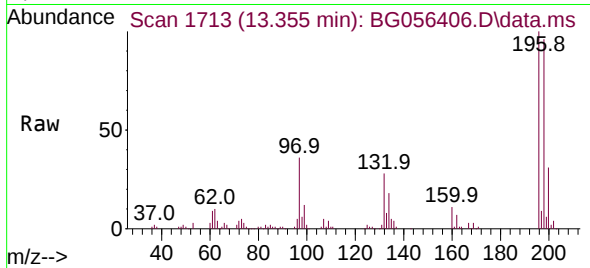
Tgt Ion:330 Resp: 158052
Ion Ratio Lower Upper
330 100
332 98.3 77.3 115.9
141 30.6 27.9 41.9





#43
2,4,6-Trichlorophenol
Concen: 44.722 ng
RT: 13.355 min Scan# 1718
Delta R.T. -0.003 min
Lab File: BG056406.D
Acq: 24 Jan 2023 17:07

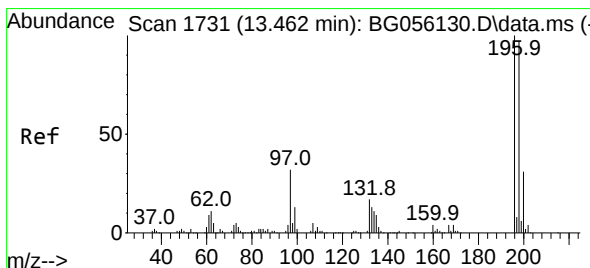
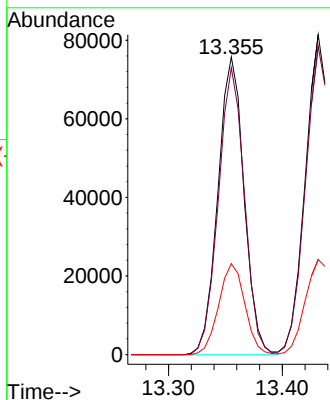
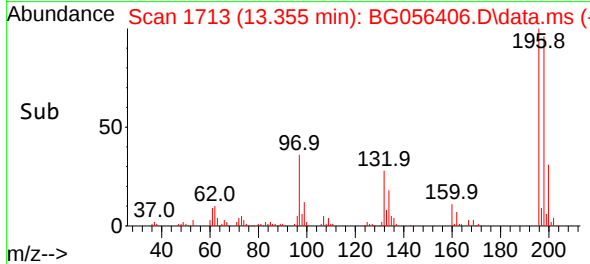
Instrument :
BNA_G
ClientSampleId :
TP-28MS



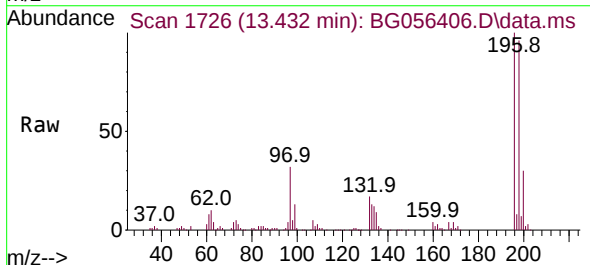
Tgt Ion:196 Resp: 120799
Ion Ratio Lower Upper
196 100
198 96.4 75.5 113.3
200 30.6 25.7 38.5

Manual Integrations
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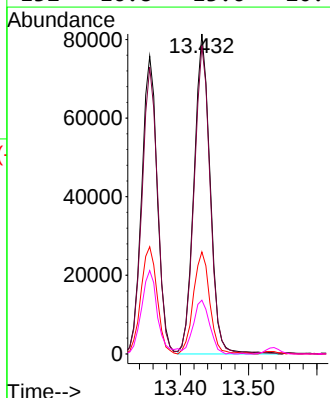
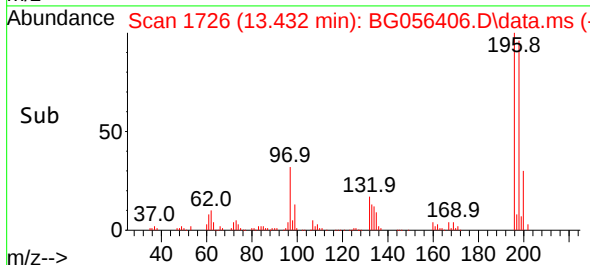
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

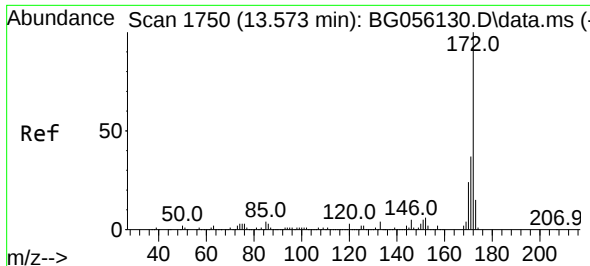


#44
2,4,5-Trichlorophenol
Concen: 41.809 ng
RT: 13.432 min Scan# 1726
Delta R.T. -0.003 min
Lab File: BG056406.D
Acq: 24 Jan 2023 17:07



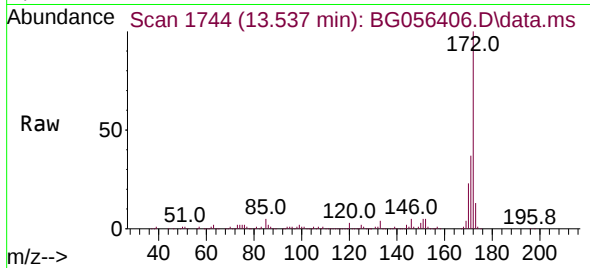
Tgt Ion:196 Resp: 133588
Ion Ratio Lower Upper
196 100
198 96.3 78.0 117.0
97 31.9 25.7 38.5
132 16.8 13.6 20.4





#45
2-Fluorobiphenyl
Concen: 62.214 ng
RT: 13.537 min Scan# 1744
Delta R.T. -0.003 min
Lab File: BG056406.D
Acq: 24 Jan 2023 17:07

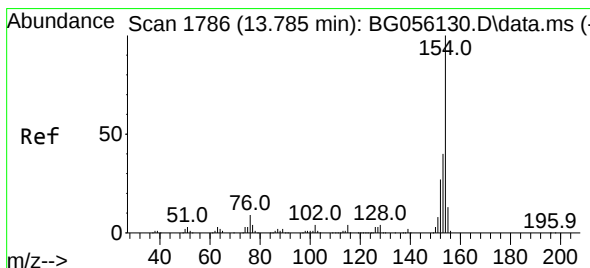
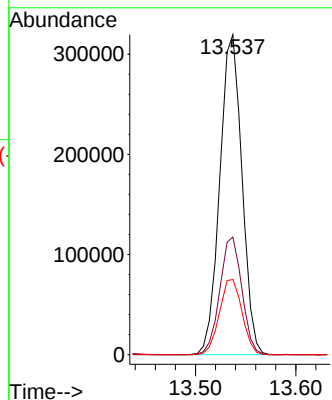
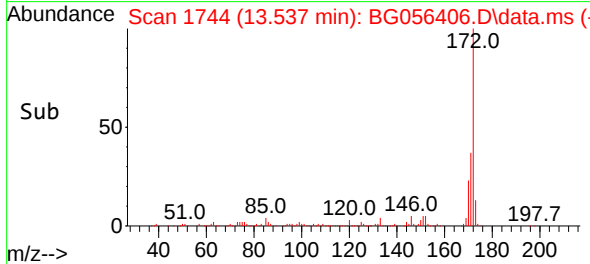
Instrument :
BNA_G
ClientSampleId :
TP-28MS



Tgt Ion:172 Resp: 491033
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 23.5 19.4 29.2

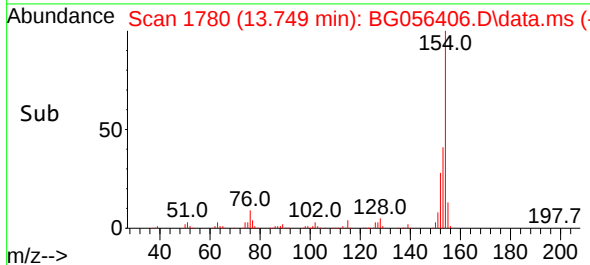
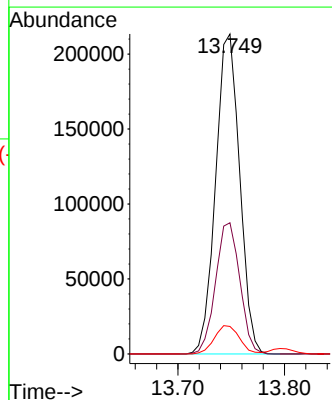
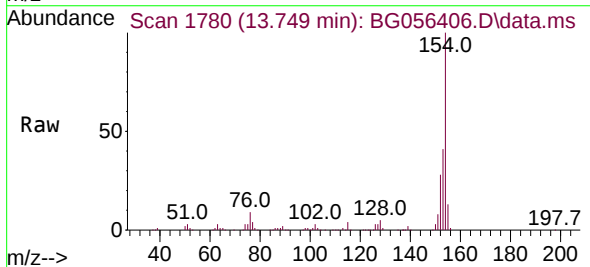
Manual Integrations
APPROVED

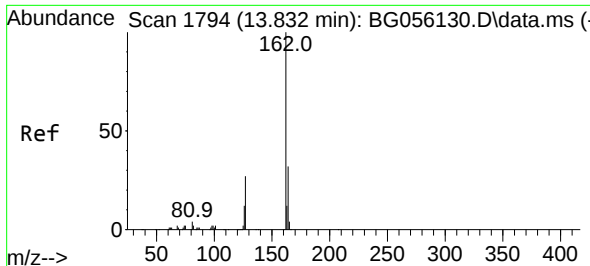
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#46
1,1'-Biphenyl
Concen: 42.858 ng
RT: 13.749 min Scan# 1780
Delta R.T. -0.003 min
Lab File: BG056406.D
Acq: 24 Jan 2023 17:07

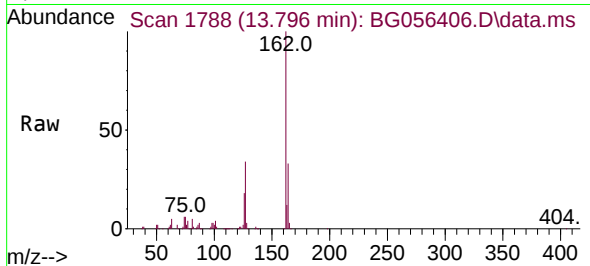
Tgt Ion:154 Resp: 334528
Ion Ratio Lower Upper
154 100
153 41.0 20.0 60.0
76 8.6 0.0 29.3





#47
2-Chloronaphthalene
Concen: 43.585 ng
RT: 13.796 min Scan# 1794
Delta R.T. -0.009 min
Lab File: BG056406.D
Acq: 24 Jan 2023 17:07

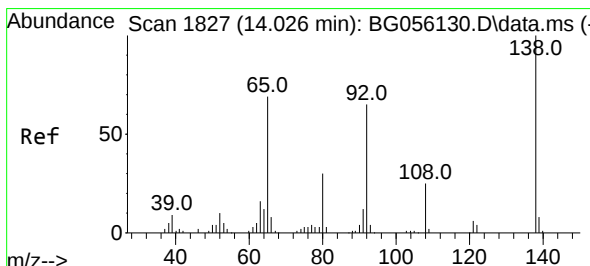
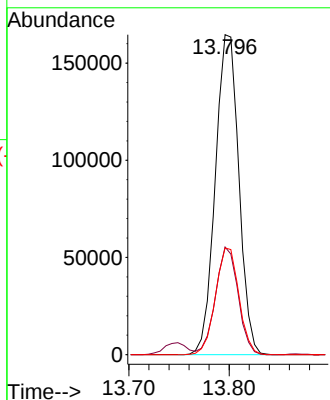
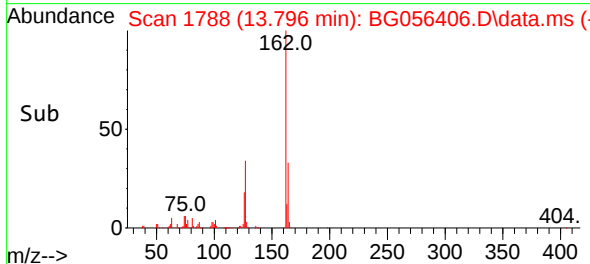
Instrument :
BNA_G
ClientSampleId :
TP-28MS



Tgt Ion:162 Resp: 268524
Ion Ratio Lower Upper
162 100
127 33.6 24.6 36.8
164 33.3 25.8 38.8

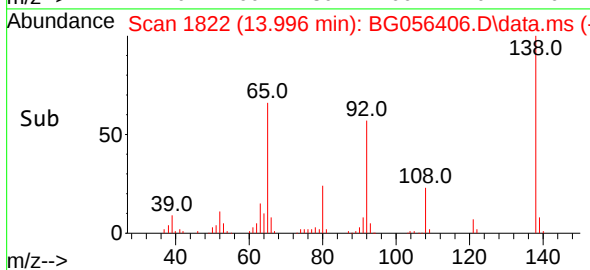
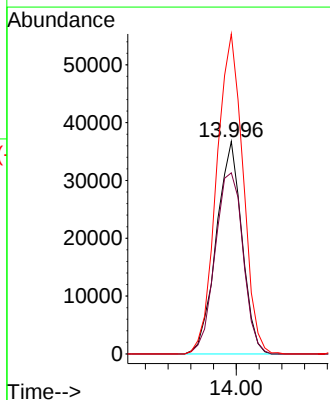
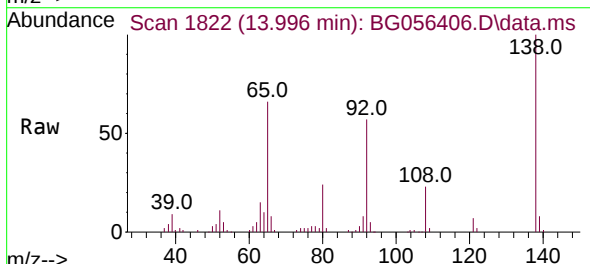
Manual Integrations
APPROVED

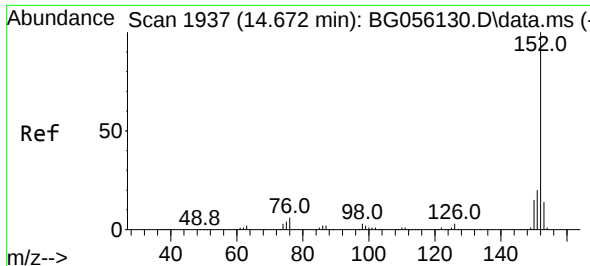
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#48
2-Nitroaniline
Concen: 43.680 ng
RT: 13.996 min Scan# 1822
Delta R.T. -0.003 min
Lab File: BG056406.D
Acq: 24 Jan 2023 17:07

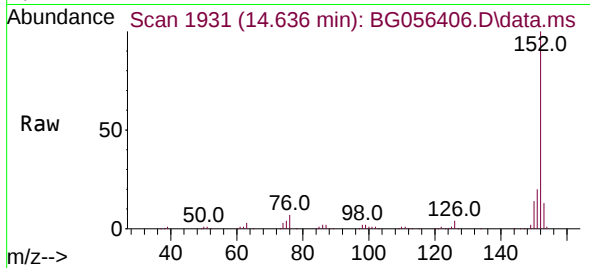
Tgt Ion: 65 Resp: 57337
Ion Ratio Lower Upper
65 100
92 85.3 76.0 114.0
138 150.7 116.6 174.8





#49
Acenaphthylene
Concen: 43.560 ng
RT: 14.636 min Scan# 1931
Delta R.T. -0.009 min
Lab File: BG056406.D
Acq: 24 Jan 2023 17:07

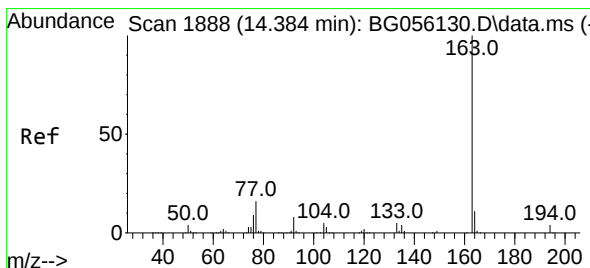
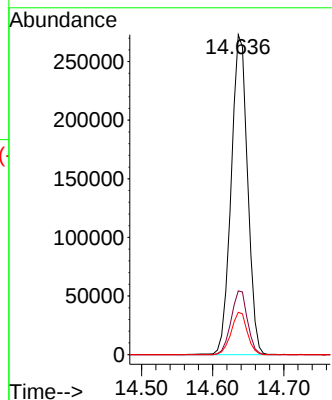
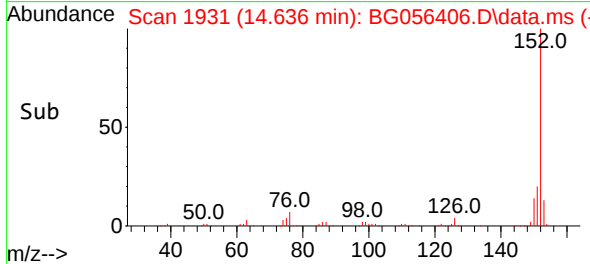
Instrument :
BNA_G
ClientSampleId :
TP-28MS



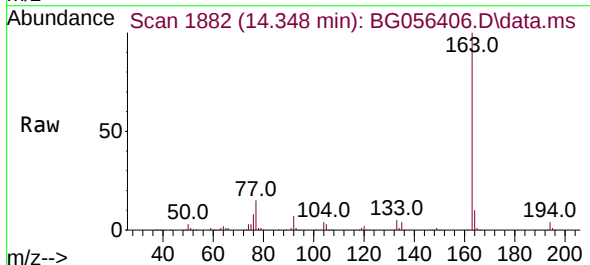
Tgt Ion:152 Resp: 436723
Ion Ratio Lower Upper
152 100
151 19.9 16.0 24.0
153 13.2 11.0 16.6

Manual Integrations
APPROVED

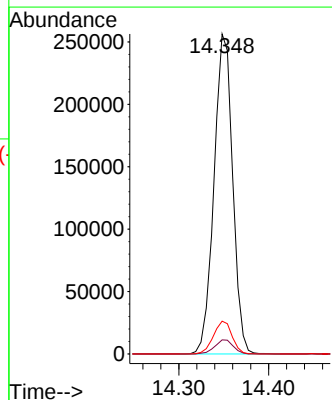
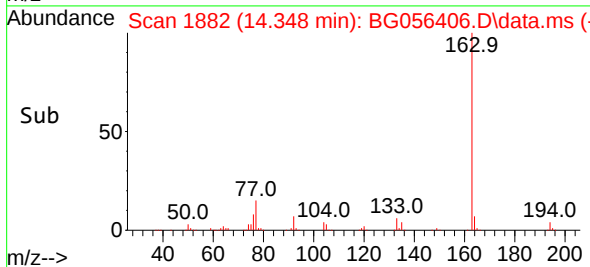
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

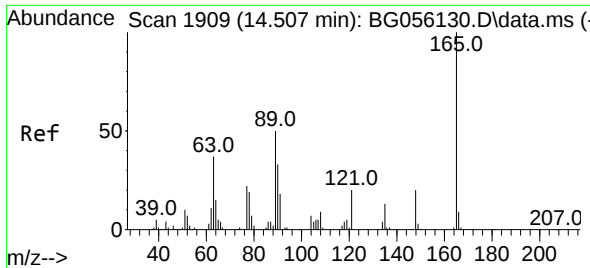


#50
Dimethylphthalate
Concen: 41.966 ng
RT: 14.348 min Scan# 1882
Delta R.T. -0.003 min
Lab File: BG056406.D
Acq: 24 Jan 2023 17:07



Tgt Ion:163 Resp: 369224
Ion Ratio Lower Upper
163 100
194 4.4 3.5 5.3
164 10.2 8.7 13.1





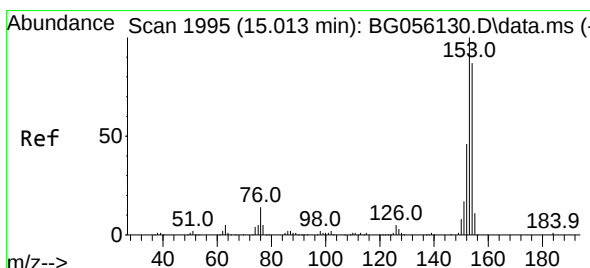
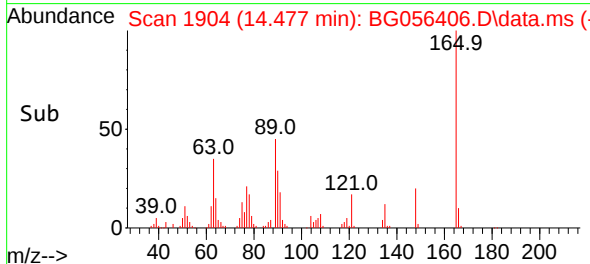
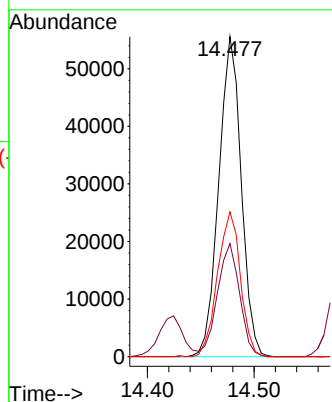
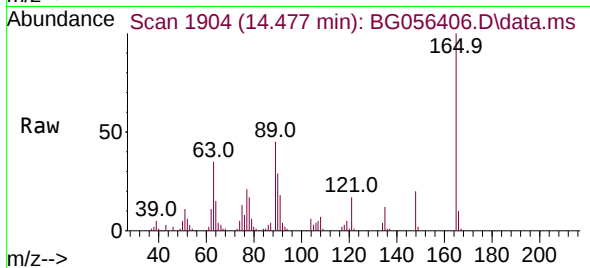
#51
2,6-Dinitrotoluene
Concen: 43.384 ng
RT: 14.477 min Scan# 1904
Delta R.T. -0.003 min
Lab File: BG056406.D
Acq: 24 Jan 2023 17:07

Instrument :
BNA_G
ClientSampleId :
TP-28MS

Tgt Ion:165 Resp: 81334
Ion Ratio Lower Upper
165 100
63 35.3 32.2 48.2
89 45.2 39.8 59.8

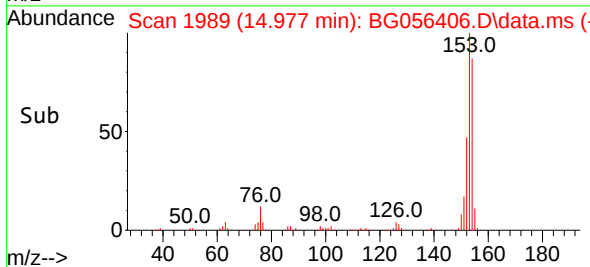
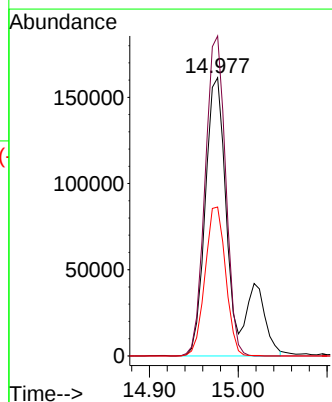
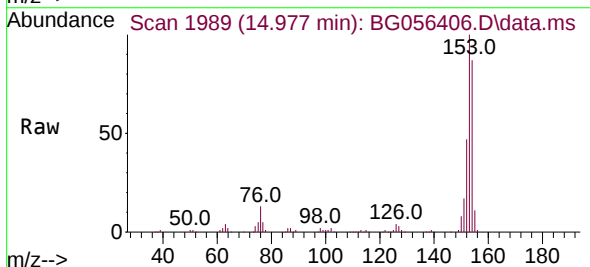
Manual Integrations
APPROVED

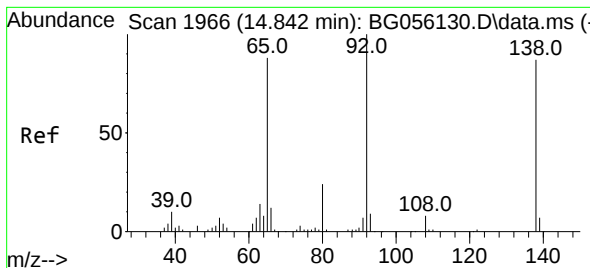
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#52
Acenaphthene
Concen: 48.902 ng m
RT: 14.977 min Scan# 1989
Delta R.T. -0.003 min
Lab File: BG056406.D
Acq: 24 Jan 2023 17:07

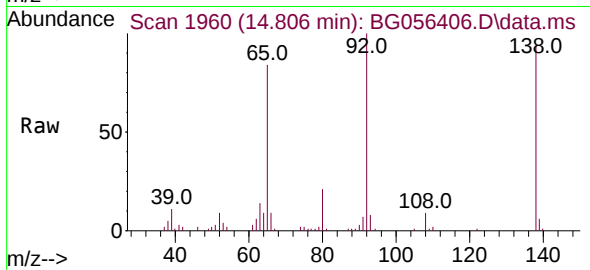
Tgt Ion:154 Resp: 318878
Ion Ratio Lower Upper
154 100
153 115.0 92.0 138.0
152 53.5 42.5 63.7





#53
3-Nitroaniline
Concen: 26.430 ng
RT: 14.806 min Scan# 1960
Delta R.T. -0.009 min
Lab File: BG056406.D
Acq: 24 Jan 2023 17:07

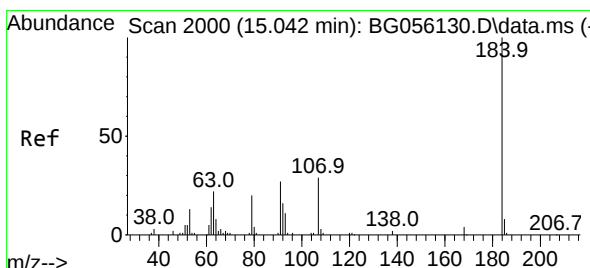
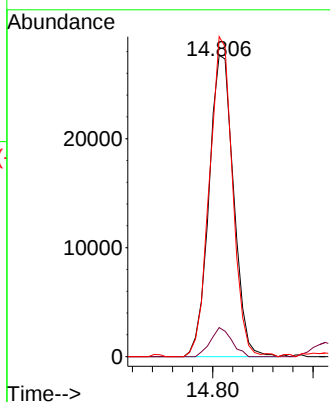
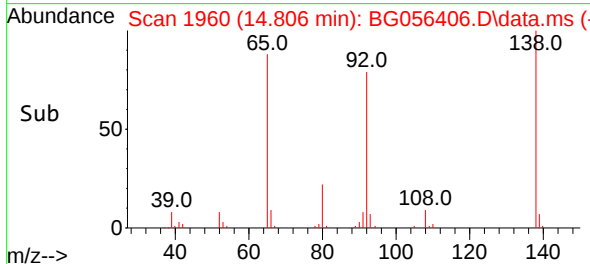
Instrument :
BNA_G
ClientSampleId :
TP-28MS



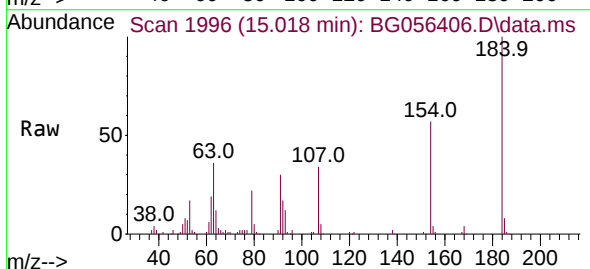
Tgt Ion:138 Resp: 47156
Ion Ratio Lower Upper
138 100
108 9.6 7.6 11.4
92 106.2 91.7 137.5

Manual Integrations
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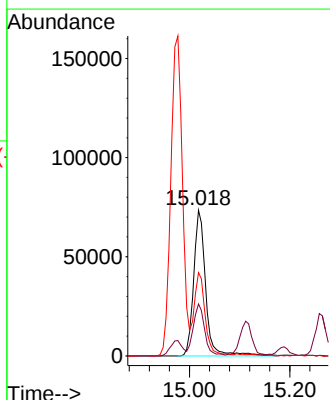
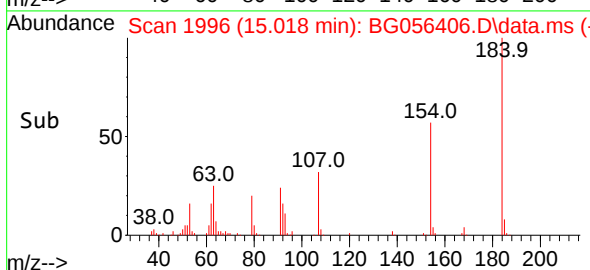
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

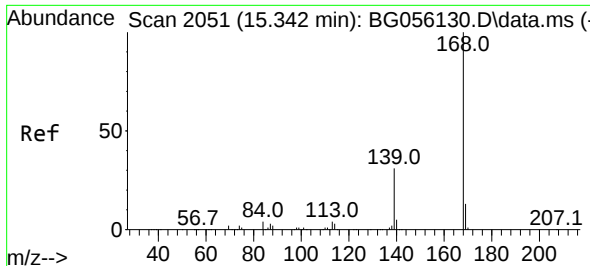


#54
2,4-Dinitrophenol
Concen: 91.408 ng
RT: 15.018 min Scan# 1996
Delta R.T. -0.003 min
Lab File: BG056406.D
Acq: 24 Jan 2023 17:07



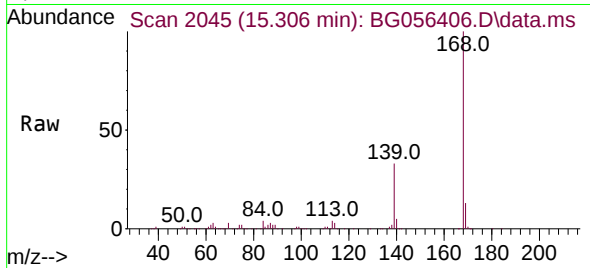
Tgt Ion:184 Resp: 122423
Ion Ratio Lower Upper
184 100
63 35.7 24.0 36.0
154 57.1 45.4 68.0





#55
Dibenzofuran
Concen: 42.470 ng
RT: 15.306 min Scan# 2051
Delta R.T. -0.003 min
Lab File: BG056406.D
Acq: 24 Jan 2023 17:07

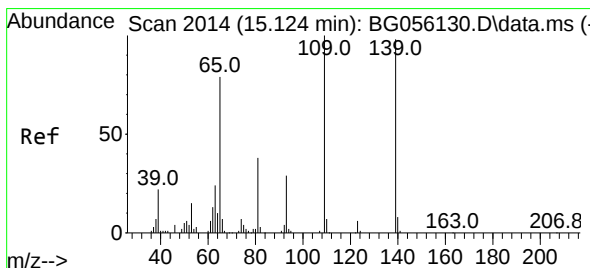
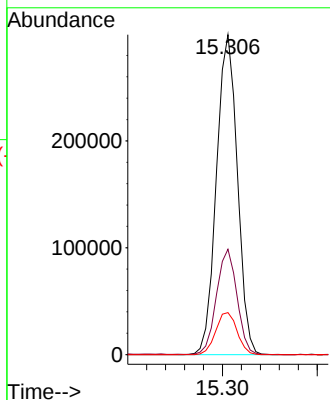
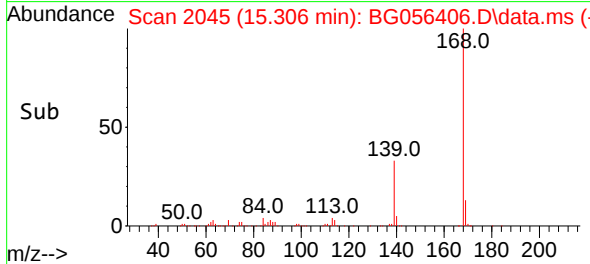
Instrument :
BNA_G
ClientSampleId :
TP-28MS



Tgt Ion:168 Resp: 458276
Ion Ratio Lower Upper
168 100
139 32.9 24.7 37.1
169 13.1 10.3 15.5

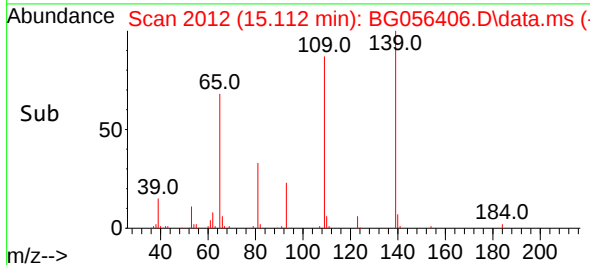
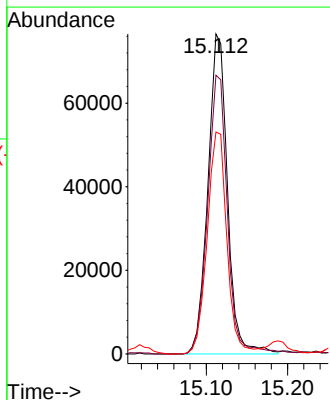
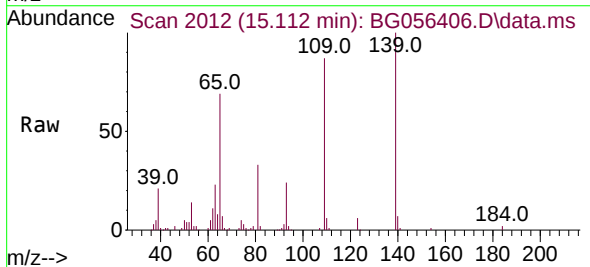
Manual Integrations
APPROVED

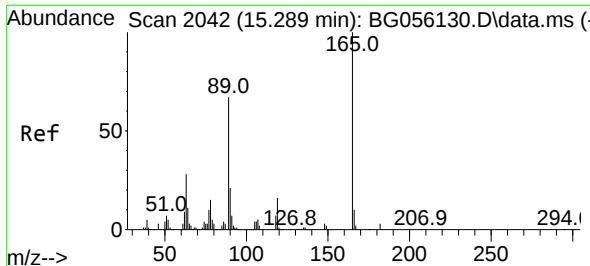
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#56
4-Nitrophenol
Concen: 93.323 ng
RT: 15.112 min Scan# 2012
Delta R.T. -0.003 min
Lab File: BG056406.D
Acq: 24 Jan 2023 17:07

Tgt Ion:139 Resp: 128060
Ion Ratio Lower Upper
139 100
109 87.1 82.2 122.2
65 69.3 60.6 100.6





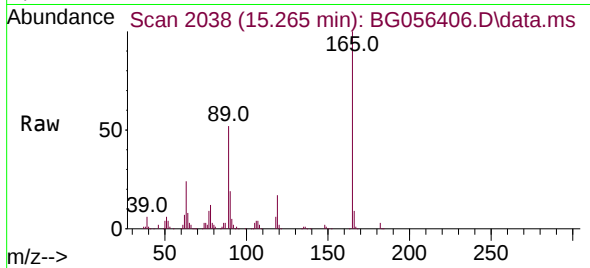
#57
2,4-Dinitrotoluene
Concen: 46.150 ng
RT: 15.265 min Scan# 2042
Delta R.T. -0.003 min
Lab File: BG056406.D
Acq: 24 Jan 2023 17:07

Instrument :

BNA_G

ClientSampleId :

TP-28MS

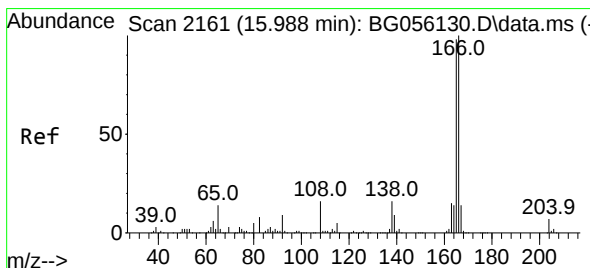
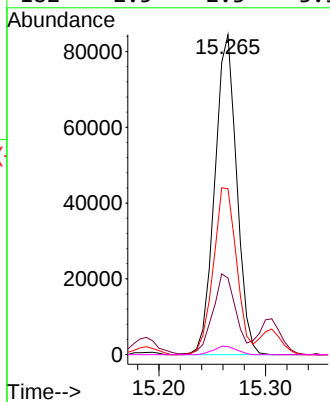
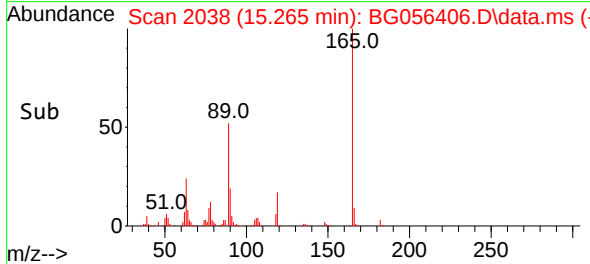


Tgt Ion:165 Resp: 120999
Ion Ratio Lower Upper
165 100
63 23.9 22.6 34.0
89 51.8 53.2 79.8
182 2.5 2.3 3.5

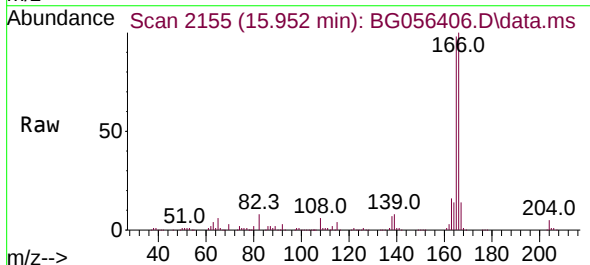
Manual Integrations

APPROVED

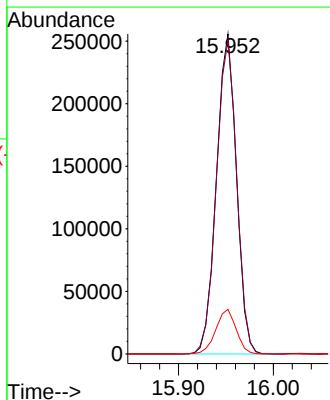
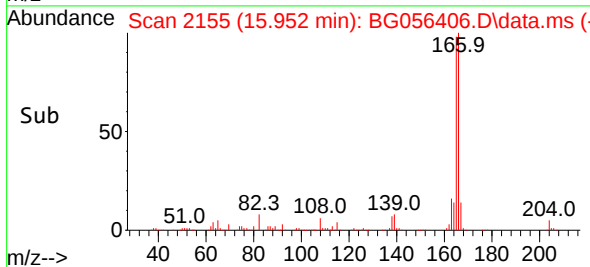
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

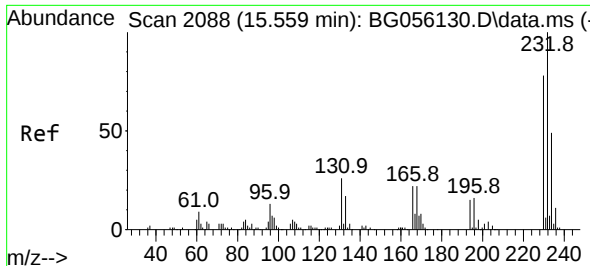


#58
Fluorene
Concen: 43.152 ng
RT: 15.952 min Scan# 2155
Delta R.T. -0.003 min
Lab File: BG056406.D
Acq: 24 Jan 2023 17:07



Tgt Ion:166 Resp: 374518
Ion Ratio Lower Upper
166 100
165 98.1 78.6 118.0
167 13.9 11.1 16.7





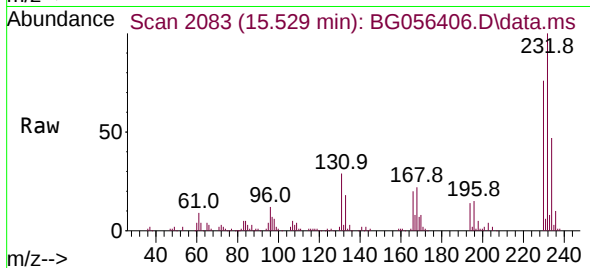
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.060 ng
RT: 15.529 min Scan# 2083
Delta R.T. -0.003 min
Lab File: BG056406.D
Acq: 24 Jan 2023 17:07

Instrument :

BNA_G

ClientSampleId :

TP-28MS

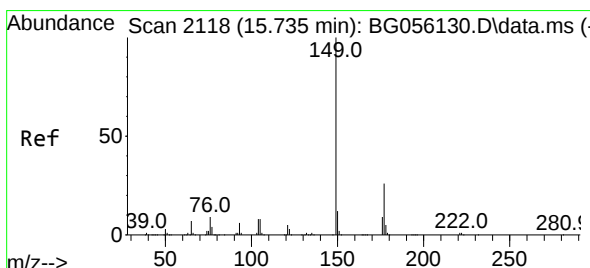
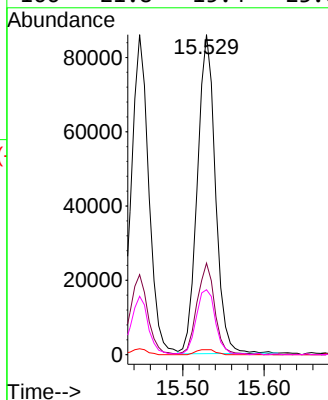
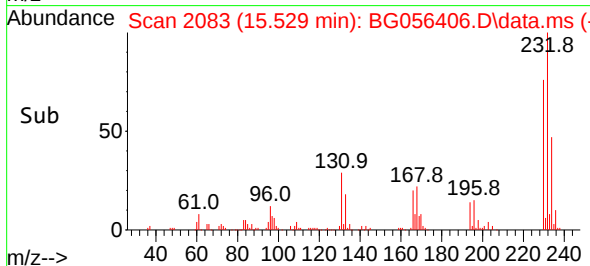


Tgt Ion:232 Resp: 132185
Ion Ratio Lower Upper
232 100
131 28.1 21.4 32.2
130 1.7 1.4 2.0
166 21.8 15.4 23.0

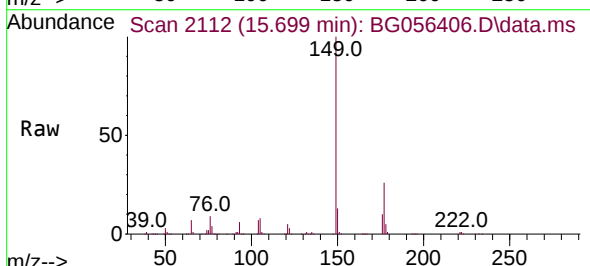
Manual Integrations

APPROVED

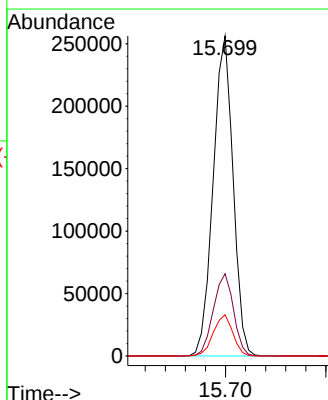
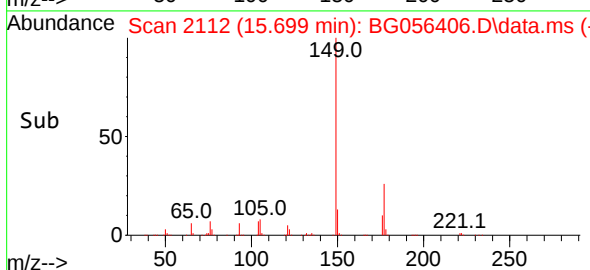
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

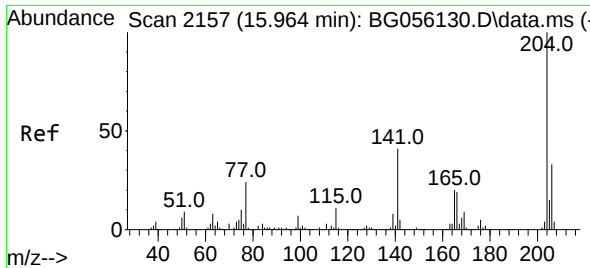


#60
Diethylphthalate
Concen: 42.779 ng
RT: 15.699 min Scan# 2112
Delta R.T. -0.003 min
Lab File: BG056406.D
Acq: 24 Jan 2023 17:07



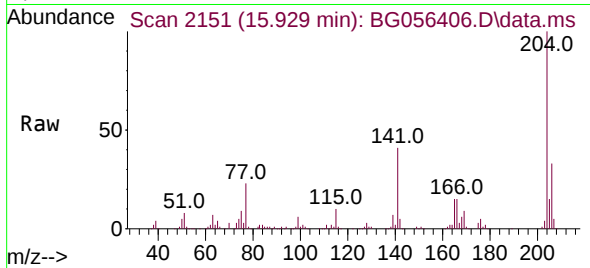
Tgt Ion:149 Resp: 352970
Ion Ratio Lower Upper
149 100
177 25.7 20.6 31.0
150 12.9 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 41.817 ng
RT: 15.929 min Scan# 2151
Delta R.T. -0.009 min
Lab File: BG056406.D
Acq: 24 Jan 2023 17:07

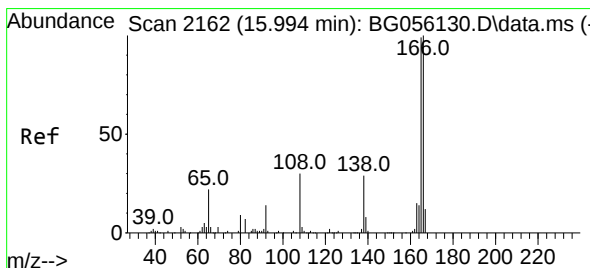
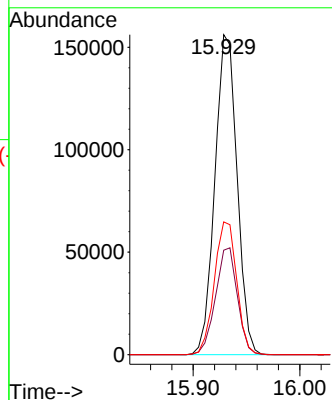
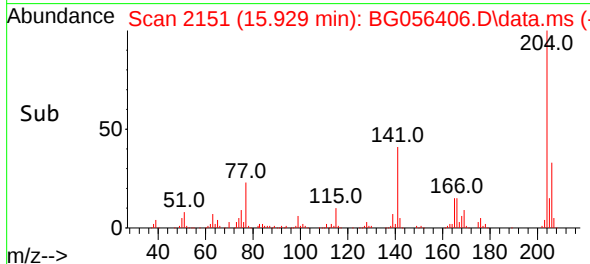
Instrument :
BNA_G
ClientSampleId :
TP-28MS



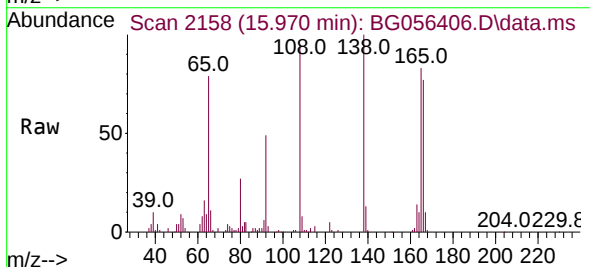
Tgt Ion:204 Resp: 226491
Ion Ratio Lower Upper
204 100
206 32.6 26.4 39.6
141 41.5 33.0 49.4

Manual Integrations
APPROVED

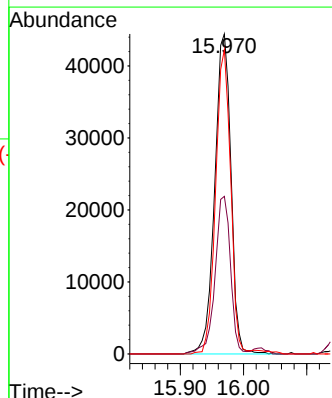
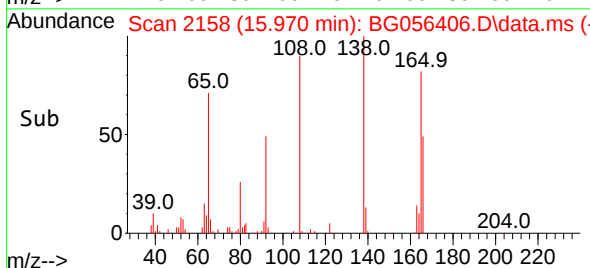
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

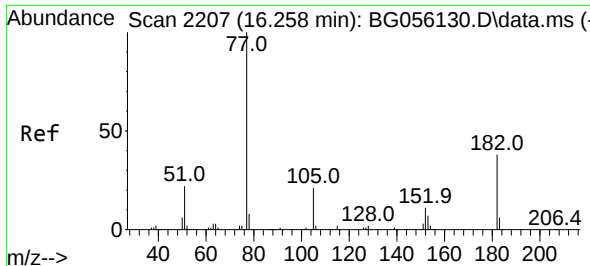


#62
4-Nitroaniline
Concen: 43.397 ng
RT: 15.970 min Scan# 2158
Delta R.T. -0.003 min
Lab File: BG056406.D
Acq: 24 Jan 2023 17:07



Tgt Ion:138 Resp: 79315
Ion Ratio Lower Upper
138 100
92 49.2 28.6 68.6
108 95.1 83.4 123.4





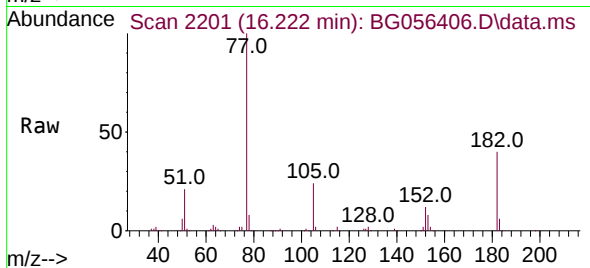
#63
Azobenzene
Concen: 40.754 ng
RT: 16.222 min Scan# 2207
Delta R.T. -0.009 min
Lab File: BG056406.D
Acq: 24 Jan 2023 17:07

Instrument :

BNA_G

ClientSampleId :

TP-28MS

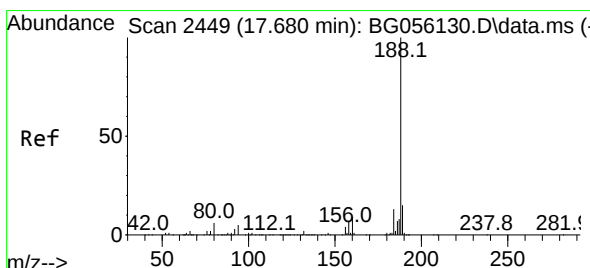
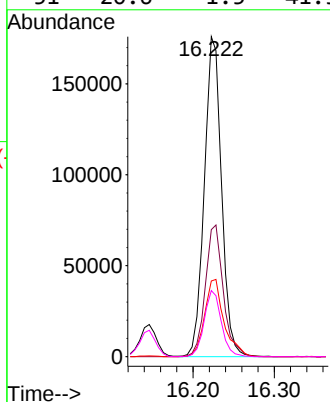
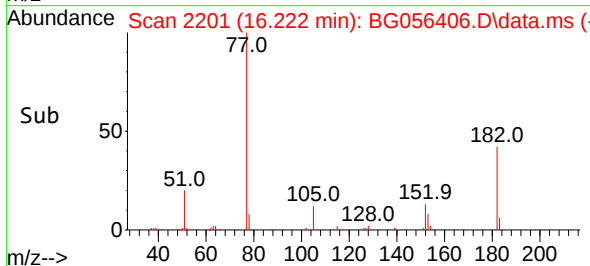


Tgt Ion: 77 Resp: 259493
Ion Ratio Lower Upper
77 100
182 39.7 18.5 58.5
105 23.6 1.4 41.4
51 20.6 1.5 41.5

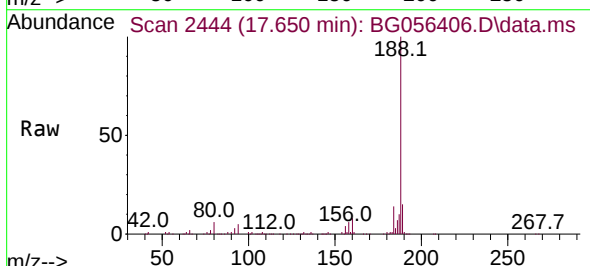
Manual Integrations

APPROVED

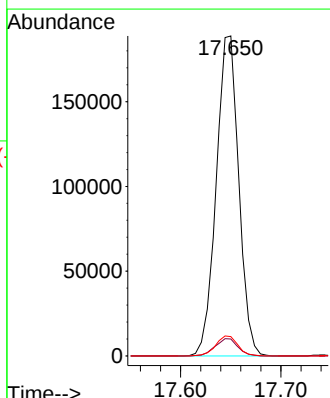
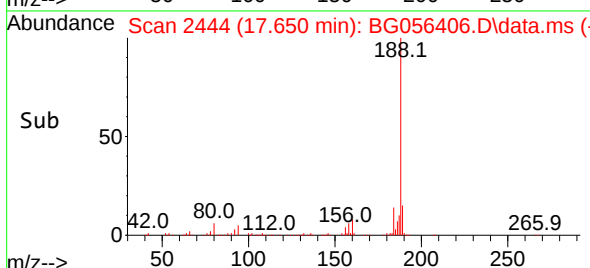
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

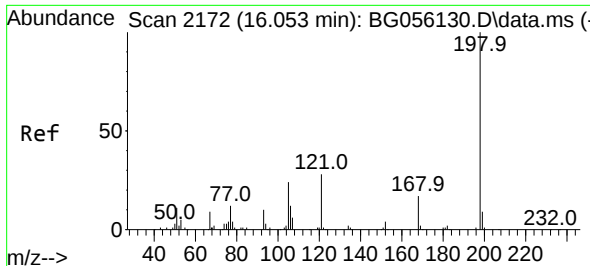


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.650 min Scan# 2444
Delta R.T. -0.003 min
Lab File: BG056406.D
Acq: 24 Jan 2023 17:07



Tgt Ion:188 Resp: 295003
Ion Ratio Lower Upper
188 100
94 5.3 4.2 6.2
80 6.0 5.0 7.4





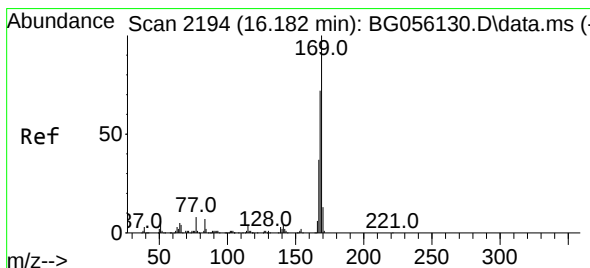
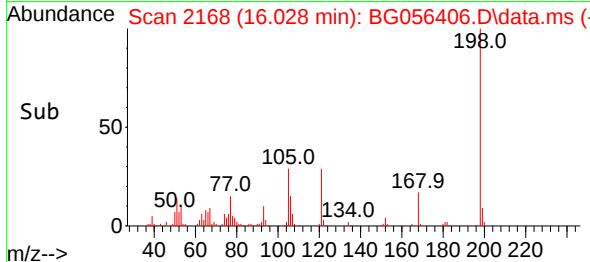
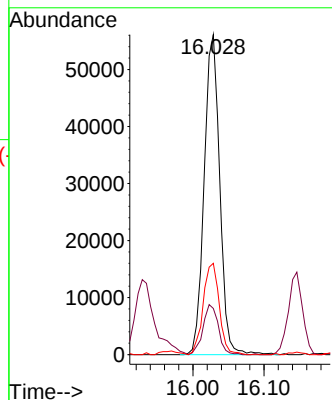
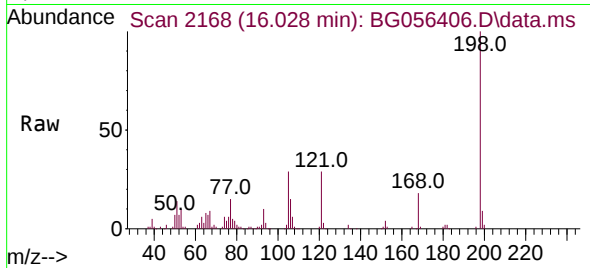
#65
4,6-Dinitro-2-methylphenol
Concen: 42.832 ng
RT: 16.028 min Scan# 2172
Delta R.T. -0.003 min
Lab File: BG056406.D
Acq: 24 Jan 2023 17:07

Instrument :
BNA_G
ClientSampleId :
TP-28MS

Tgt Ion:198 Resp: 85131
Ion Ratio Lower Upper
198 100
51 14.4 0.0 33.2
105 28.5 4.9 44.9

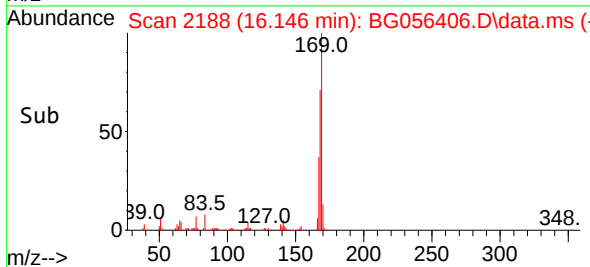
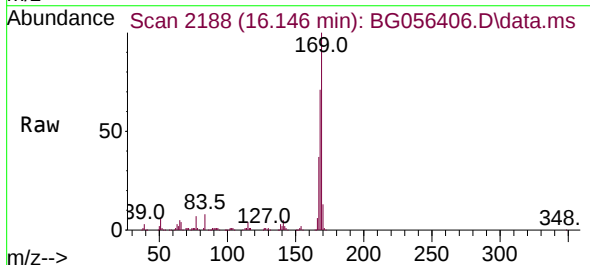
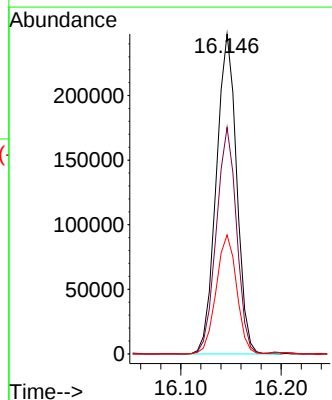
Manual Integrations
APPROVED

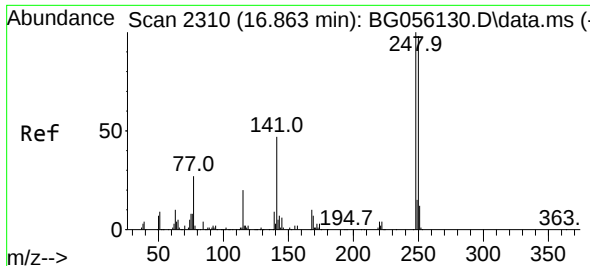
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#66
n-Nitrosodiphenylamine
Concen: 42.655 ng
RT: 16.146 min Scan# 2188
Delta R.T. -0.003 min
Lab File: BG056406.D
Acq: 24 Jan 2023 17:07

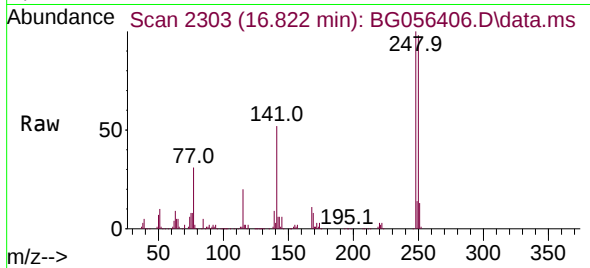
Tgt Ion:169 Resp: 349133
Ion Ratio Lower Upper
169 100
168 70.8 58.0 87.0
167 37.2 30.0 45.0





#67
4-Bromophenyl-phenylether
Concen: 41.848 ng
RT: 16.822 min Scan# 2310
Delta R.T. -0.009 min
Lab File: BG056406.D
Acq: 24 Jan 2023 17:07

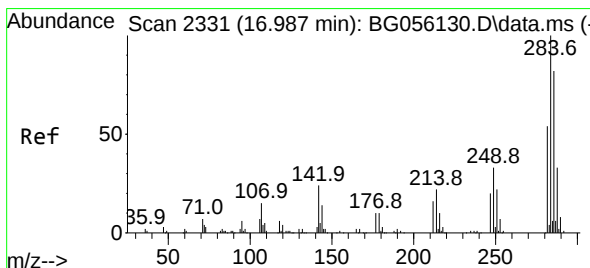
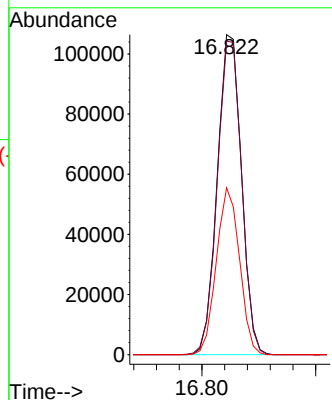
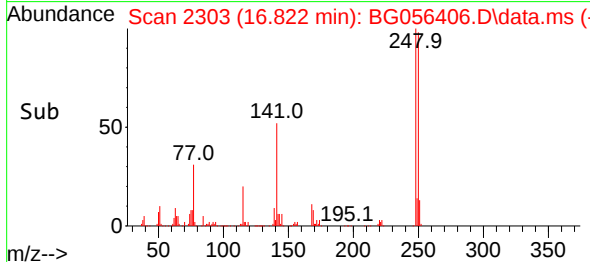
Instrument :
BNA_G
ClientSampleId :
TP-28MS



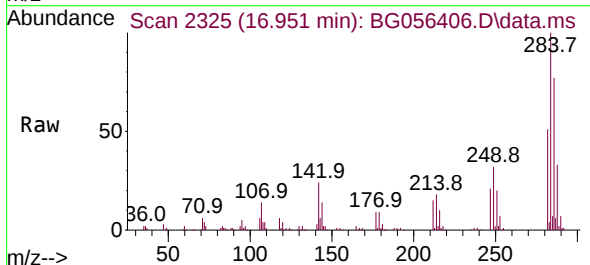
Tgt Ion:248 Resp: 157206
Ion Ratio Lower Upper
248 100
250 98.0 78.2 117.4
141 52.1 37.6 56.4

Manual Integrations
APPROVED

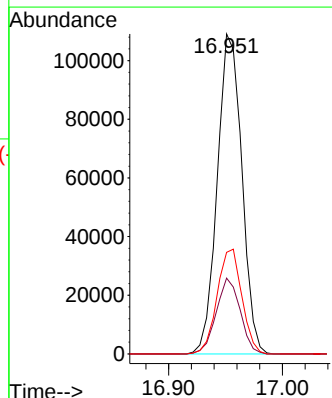
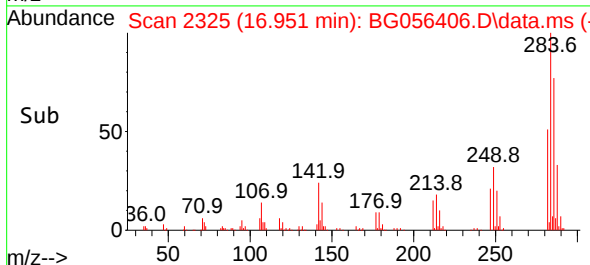
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

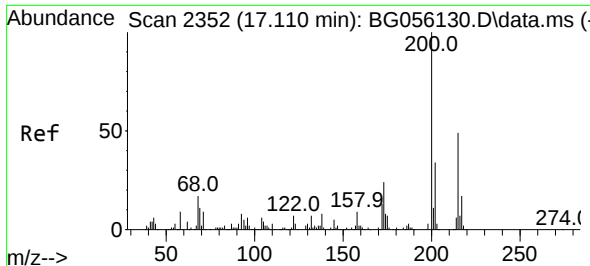


#68
Hexachlorobenzene
Concen: 46.609 ng
RT: 16.951 min Scan# 2325
Delta R.T. -0.009 min
Lab File: BG056406.D
Acq: 24 Jan 2023 17:07



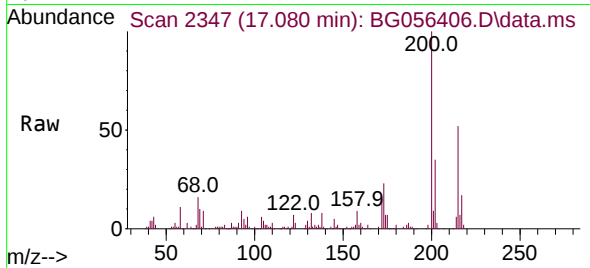
Tgt Ion:284 Resp: 163354
Ion Ratio Lower Upper
284 100
142 23.7 19.0 28.6
249 34.2 26.6 39.8





#69
 Atrazine
 Concen: 44.777 ng
 RT: 17.080 min Scan# 2347
 Delta R.T. -0.003 min
 Lab File: BG056406.D
 Acq: 24 Jan 2023 17:07

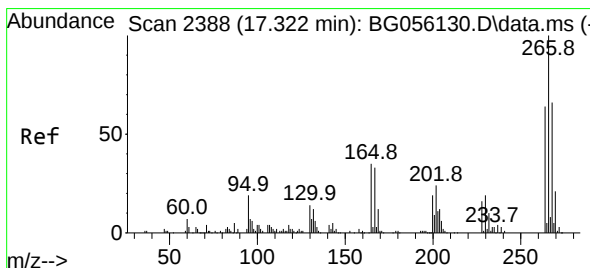
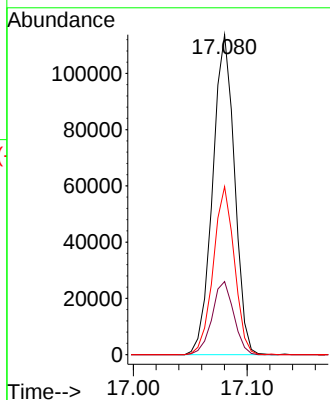
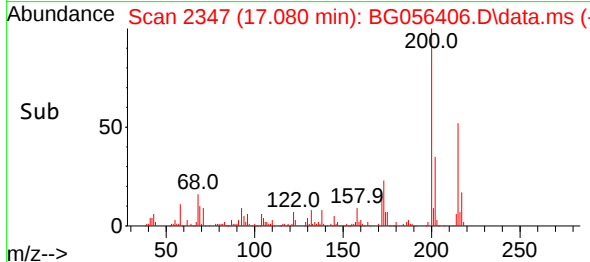
Instrument :
 BNA_G
 ClientSampleId :
 TP-28MS



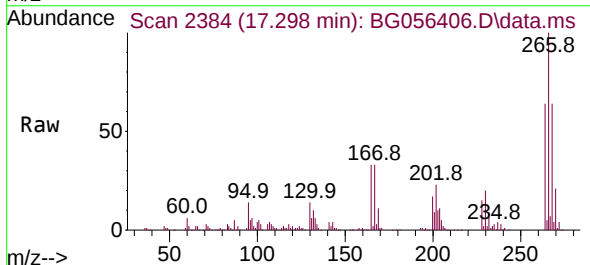
Tgt Ion:200 Resp: 151892
 Ion Ratio Lower Upper
 200 100
 173 22.8 4.0 44.0
 215 52.5 29.1 69.1

Manual Integrations
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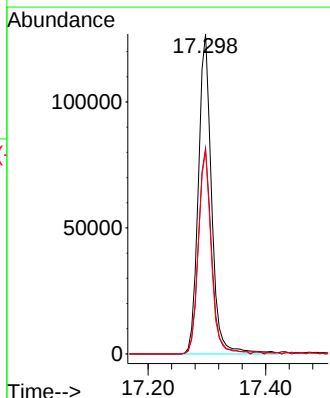
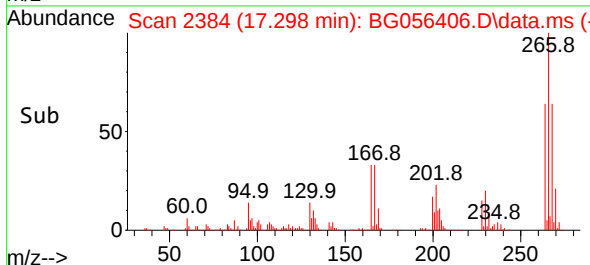
Reviewed By :Christian Giraldo 01/25/2023
 Supervised By :Jagrut Upadhyay 01/25/2023

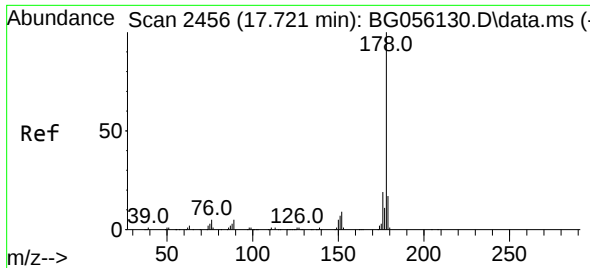


#70
 Pentachlorophenol
 Concen: 73.572 ng
 RT: 17.298 min Scan# 2384
 Delta R.T. -0.003 min
 Lab File: BG056406.D
 Acq: 24 Jan 2023 17:07



Tgt Ion:266 Resp: 198076
 Ion Ratio Lower Upper
 266 100
 268 64.3 53.0 79.4
 264 63.6 51.4 77.2





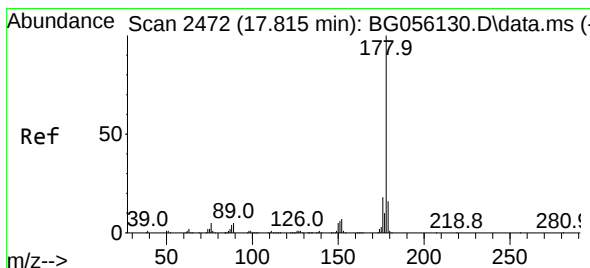
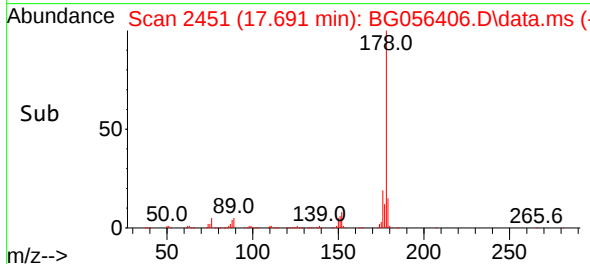
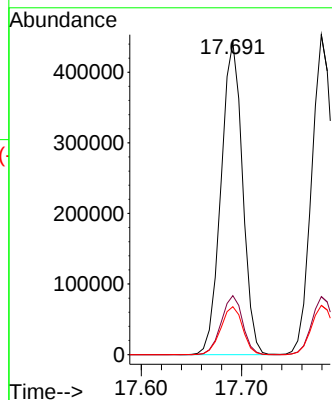
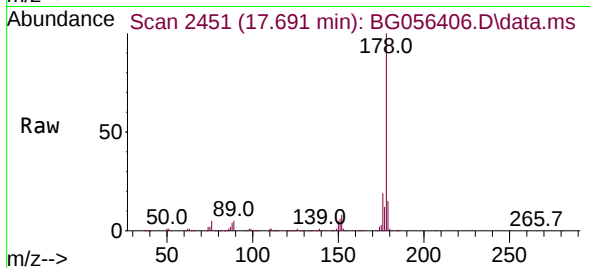
#71
Phenanthrene
Concen: 43.201 ng
RT: 17.691 min Scan# 2456
Delta R.T. -0.003 min
Lab File: BG056406.D
Acq: 24 Jan 2023 17:07

Instrument :
BNA_G
ClientSampleId :
TP-28MS

Tgt Ion:178 Resp: 660463
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.0
179 15.4 13.6 20.4

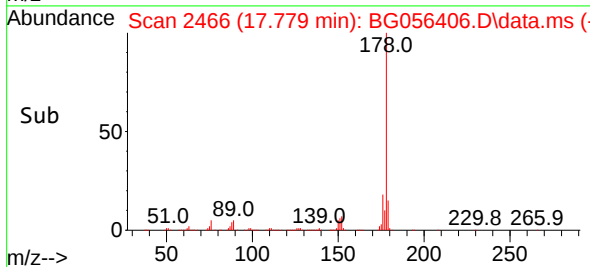
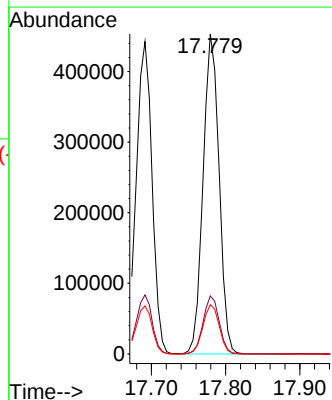
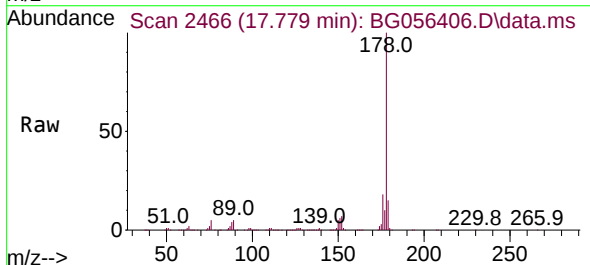
Manual Integrations
APPROVED

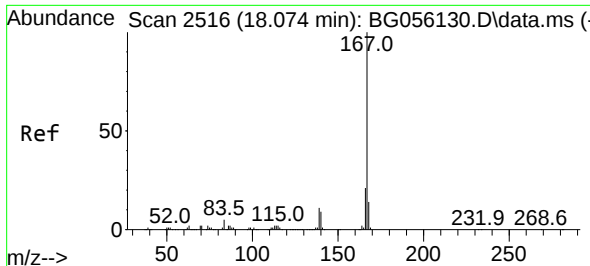
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#72
Anthracene
Concen: 42.975 ng
RT: 17.779 min Scan# 2466
Delta R.T. -0.009 min
Lab File: BG056406.D
Acq: 24 Jan 2023 17:07

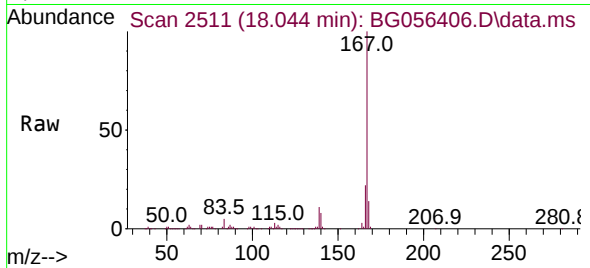
Tgt Ion:178 Resp: 677734
Ion Ratio Lower Upper
178 100
176 18.1 14.6 22.0
179 15.4 12.7 19.1





#73
 Carbazole
 Concen: 44.379 ng
 RT: 18.044 min Scan# 2511
 Delta R.T. -0.009 min
 Lab File: BG056406.D
 Acq: 24 Jan 2023 17:07

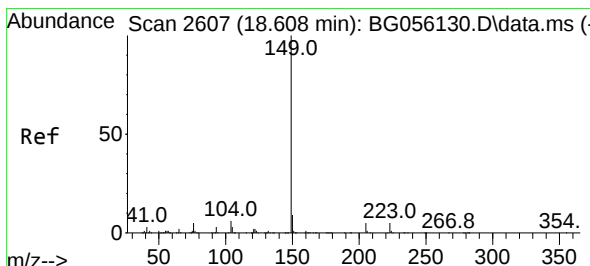
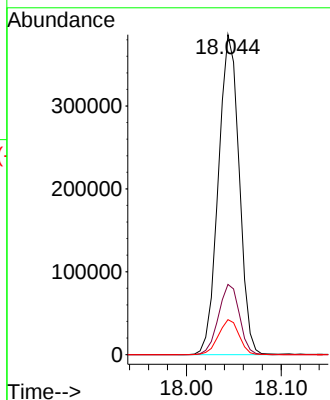
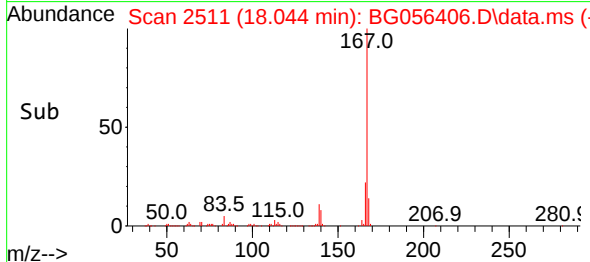
Instrument :
 BNA_G
 ClientSampleId :
 TP-28MS



Tgt Ion:167 Resp: 588298
 Ion Ratio Lower Upper
 167 100
 166 21.9 16.8 25.2
 139 10.9 8.9 13.3

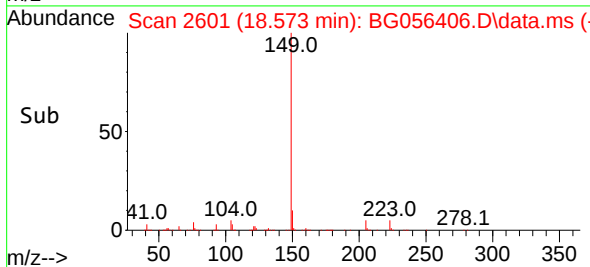
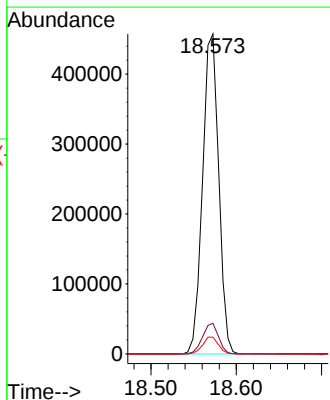
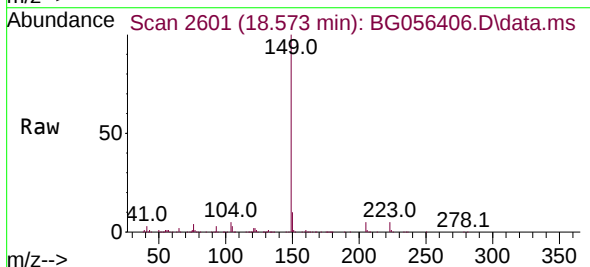
Manual Integrations
 APPROVED

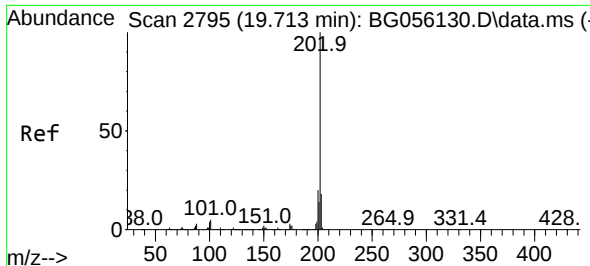
Reviewed By :Christian Giraldo 01/25/2023
 Supervised By :Jagrut Upadhyay 01/25/2023



#74
 Di-n-butylphthalate
 Concen: 45.465 ng
 RT: 18.573 min Scan# 2601
 Delta R.T. -0.003 min
 Lab File: BG056406.D
 Acq: 24 Jan 2023 17:07

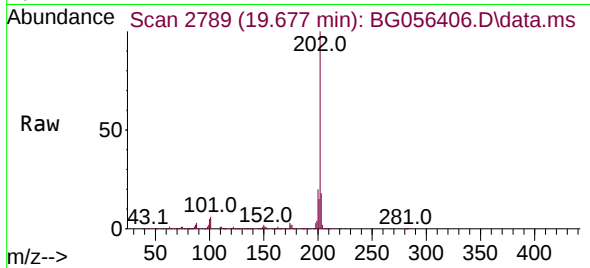
Tgt Ion:149 Resp: 600798
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.4 11.2
 104 5.3 4.4 6.6





#75
Fluoranthene
Concen: 40.706 ng
RT: 19.677 min Scan# 211
Delta R.T. -0.009 min
Lab File: BG056406.D
Acq: 24 Jan 2023 17:07

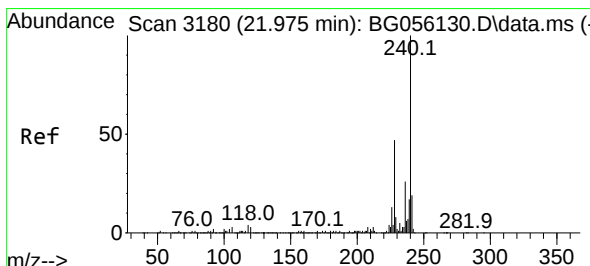
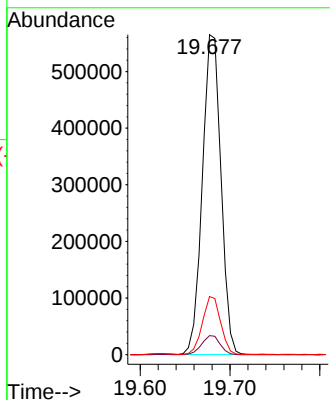
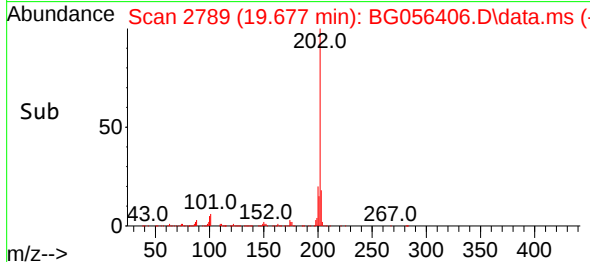
Instrument :
BNA_G
ClientSampleId :
TP-28MS



Tgt Ion:202 Resp: 811759
Ion Ratio Lower Upper
202 100
101 5.9 0.0 25.0
203 18.1 0.0 38.0

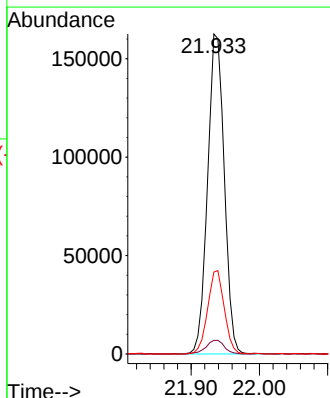
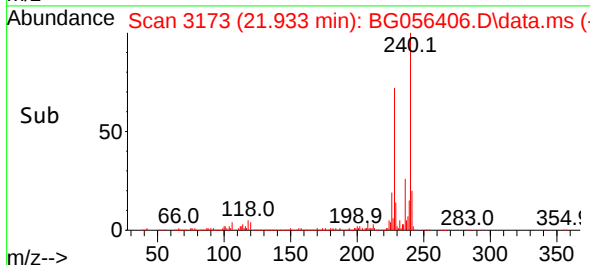
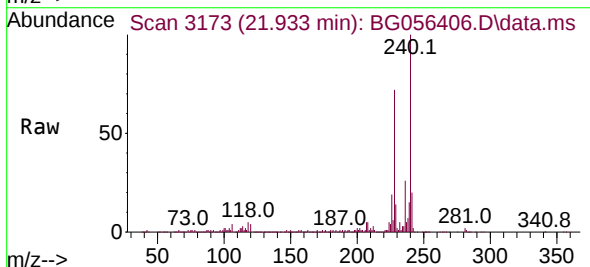
Manual Integrations
APPROVED

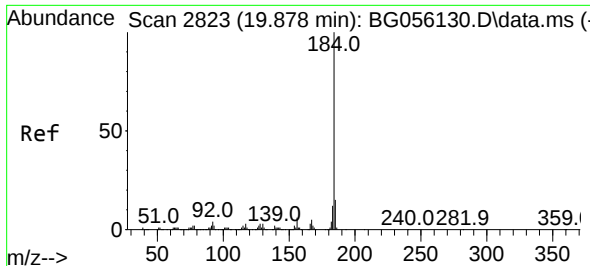
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.933 min Scan# 3173
Delta R.T. -0.009 min
Lab File: BG056406.D
Acq: 24 Jan 2023 17:07

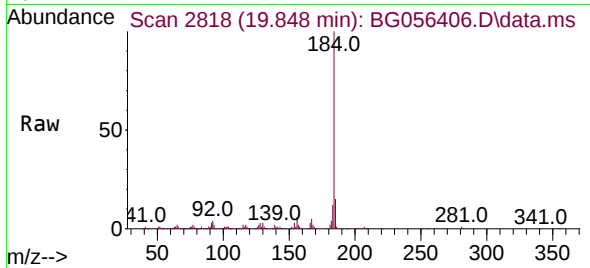
Tgt Ion:240 Resp: 275238
Ion Ratio Lower Upper
240 100
120 4.2 2.6 4.0#
236 25.6 20.8 31.2





#77
Benzidine
Concen: 22.887 ng
RT: 19.848 min Scan# 2818
Delta R.T. -0.003 min
Lab File: BG056406.D
Acq: 24 Jan 2023 17:07

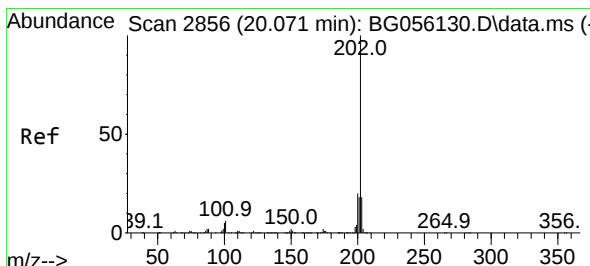
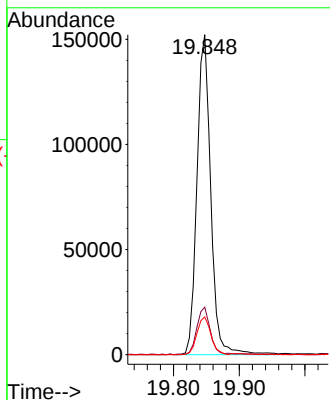
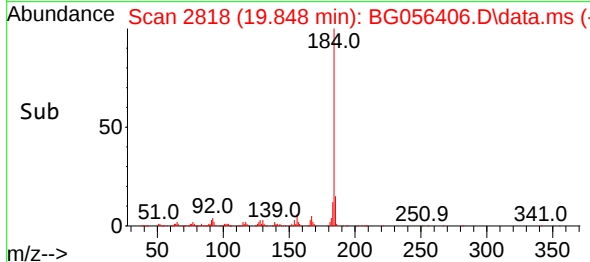
Instrument :
BNA_G
ClientSampleId :
TP-28MS



Tgt Ion:184 Resp: 220755
Ion Ratio Lower Upper
184 100
185 14.8 12.2 18.2
183 11.8 9.4 14.0

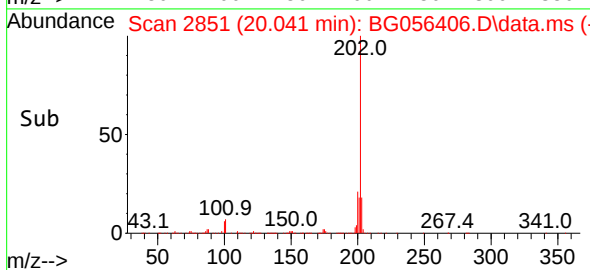
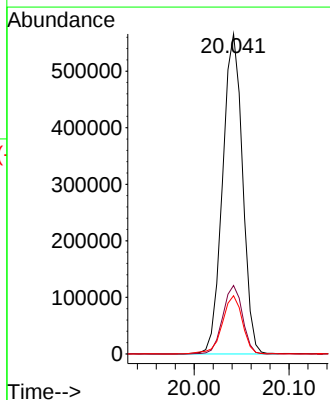
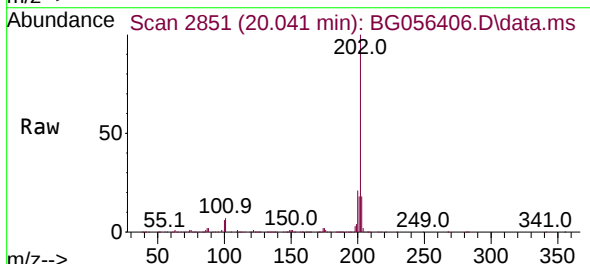
Manual Integrations
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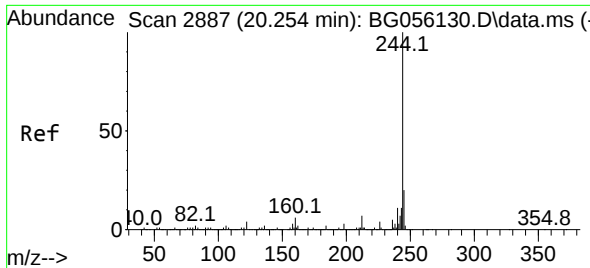
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#78
Pyrene
Concen: 42.546 ng
RT: 20.041 min Scan# 2851
Delta R.T. -0.003 min
Lab File: BG056406.D
Acq: 24 Jan 2023 17:07

Tgt Ion:202 Resp: 825390
Ion Ratio Lower Upper
202 100
200 21.4 16.4 24.6
203 18.2 14.3 21.5





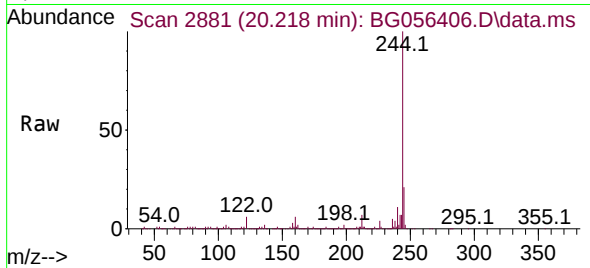
#79
 Terphenyl-d14
 Concen: 69.468 ng
 RT: 20.218 min Scan# 2887
 Delta R.T. -0.009 min
 Lab File: BG056406.D
 Acq: 24 Jan 2023 17:07

Instrument :

BNA_G

ClientSampleId :

TP-28MS

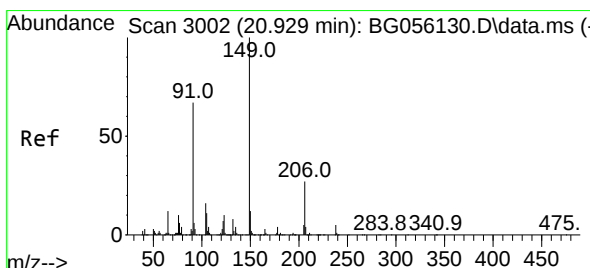
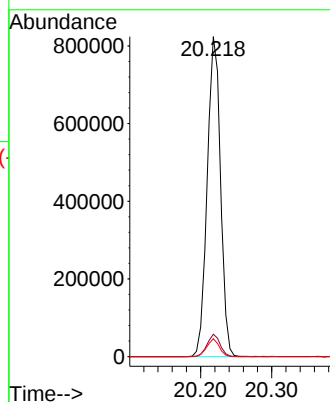
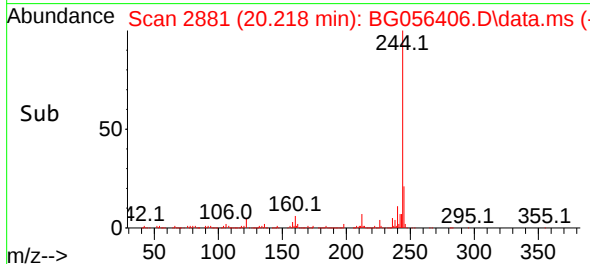


Tgt Ion:244 Resp: 1067548
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 5.6 3.5 5.3

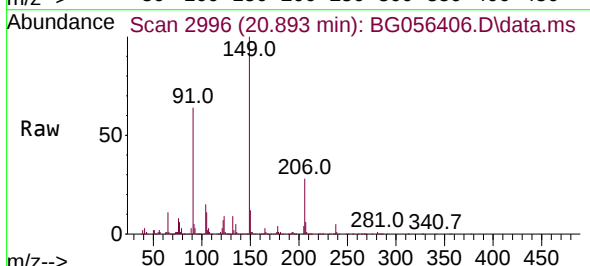
Manual Integrations

APPROVED

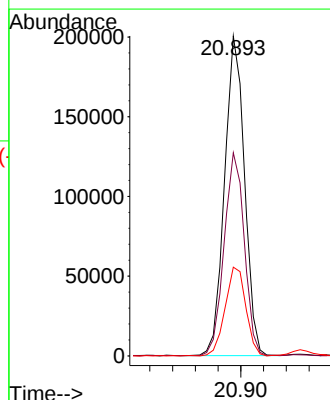
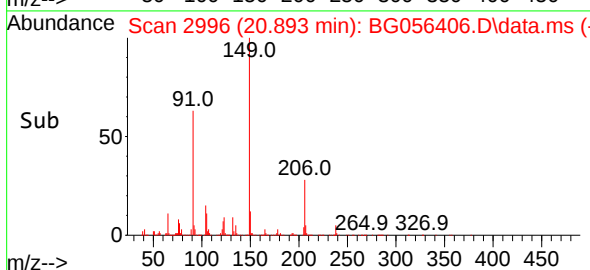
Reviewed By :Christian Giraldo 01/25/2023
 Supervised By :Jagrut Upadhyay 01/25/2023

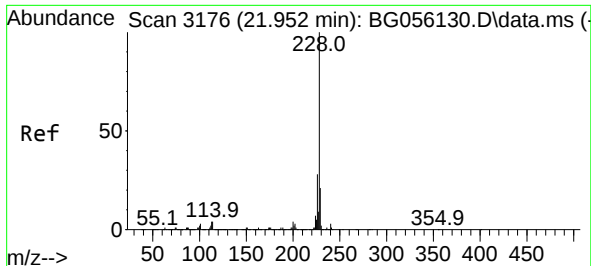


#80
 Butylbenzylphthalate
 Concen: 43.897 ng
 RT: 20.893 min Scan# 2996
 Delta R.T. -0.009 min
 Lab File: BG056406.D
 Acq: 24 Jan 2023 17:07



Tgt Ion:149 Resp: 244315
 Ion Ratio Lower Upper
 149 100
 91 63.5 53.5 80.3
 206 27.7 21.9 32.9





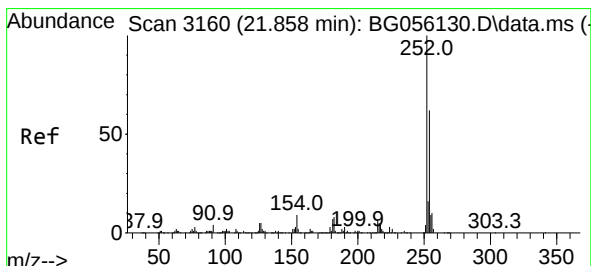
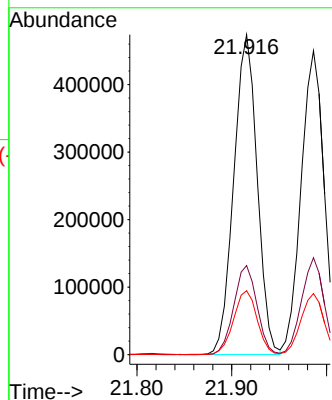
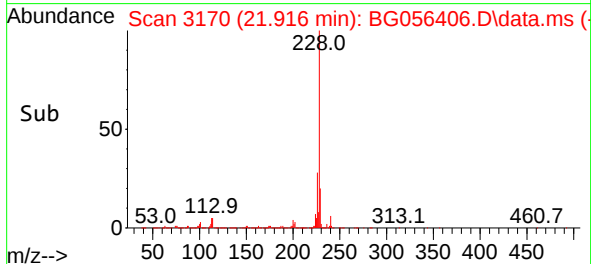
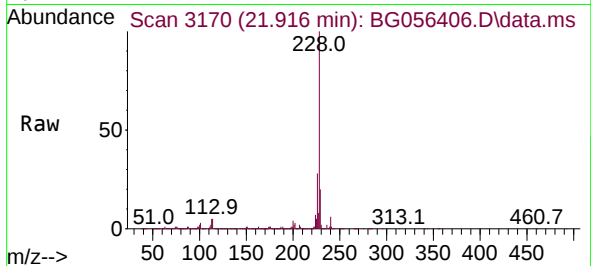
#81
Benzo(a)anthracene
Concen: 42.004 ng
RT: 21.916 min Scan# 3170
Delta R.T. -0.009 min
Lab File: BG056406.D
Acq: 24 Jan 2023 17:07

Instrument :
BNA_G
ClientSampleId :
TP-28MS

Tgt Ion:228 Resp: 812016
Ion Ratio Lower Upper
228 100
226 27.8 22.6 34.0
229 20.0 16.9 25.3

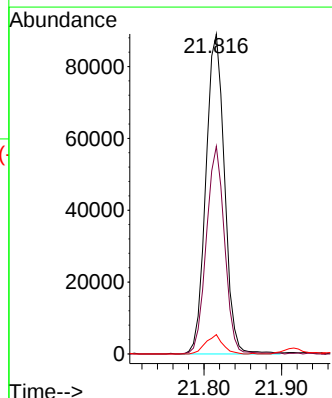
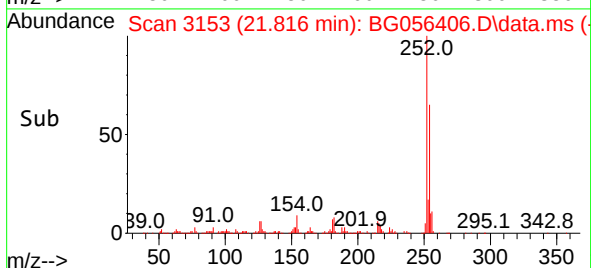
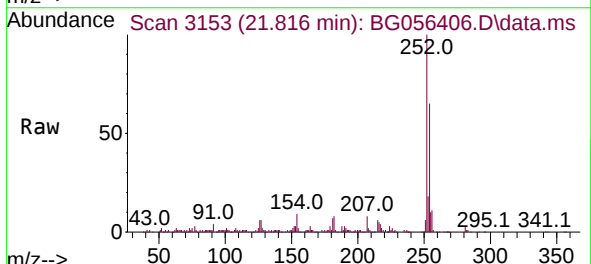
Manual Integrations
APPROVED

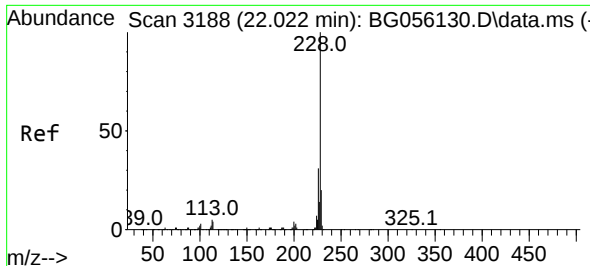
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#82
3,3'-Dichlorobenzidine
Concen: 21.335 ng
RT: 21.816 min Scan# 3153
Delta R.T. -0.009 min
Lab File: BG056406.D
Acq: 24 Jan 2023 17:07

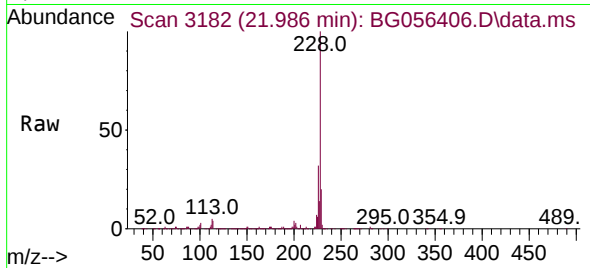
Tgt Ion:252 Resp: 148470
Ion Ratio Lower Upper
252 100
254 64.9 49.5 74.3
126 6.0 4.0 6.0#





#83
Chrysene
Concen: 41.600 ng
RT: 21.986 min Scan# 3188
Delta R.T. -0.009 min
Lab File: BG056406.D
Acq: 24 Jan 2023 17:07

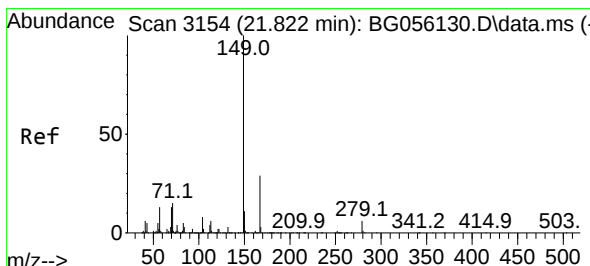
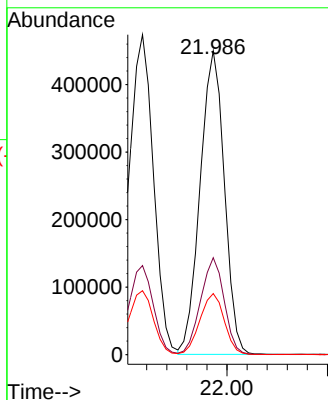
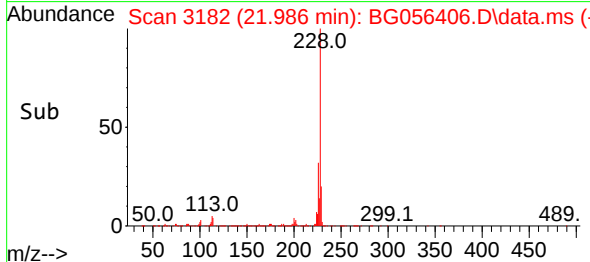
Instrument :
BNA_G
ClientSampleId :
TP-28MS



Tgt Ion:228 Resp: 753299
Ion Ratio Lower Upper
228 100
226 31.9 24.6 36.8
229 20.1 15.8 23.6

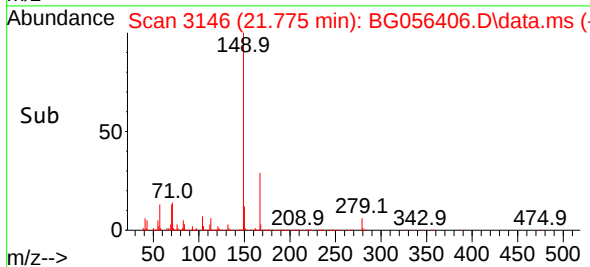
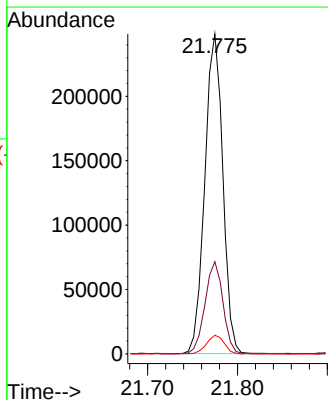
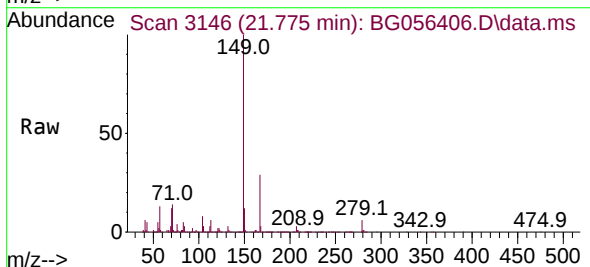
Manual Integrations
APPROVED

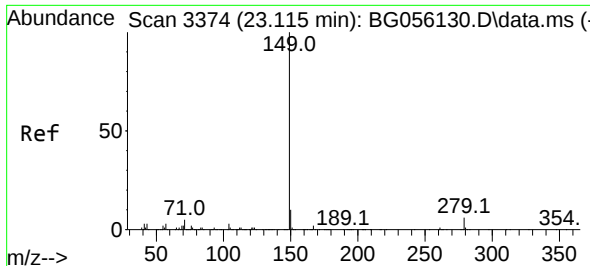
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.080 ng
RT: 21.775 min Scan# 3146
Delta R.T. -0.003 min
Lab File: BG056406.D
Acq: 24 Jan 2023 17:07

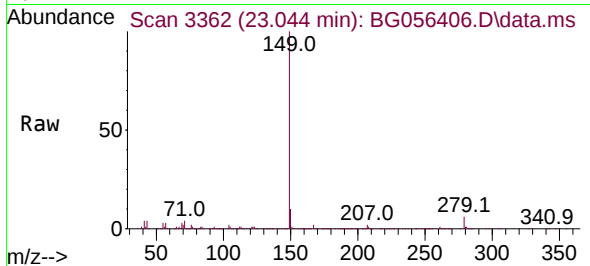
Tgt Ion:149 Resp: 345437
Ion Ratio Lower Upper
149 100
167 28.8 23.4 35.2
279 5.8 4.7 7.1





#85
Di-n-octyl phthalate
Concen: 43.195 ng
RT: 23.044 min Scan# 3374
Delta R.T. -0.014 min
Lab File: BG056406.D
Acq: 24 Jan 2023 17:07

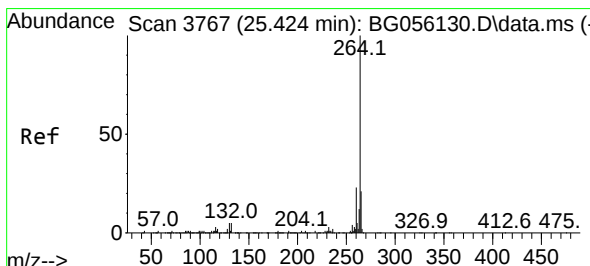
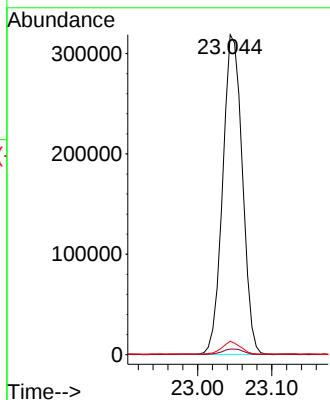
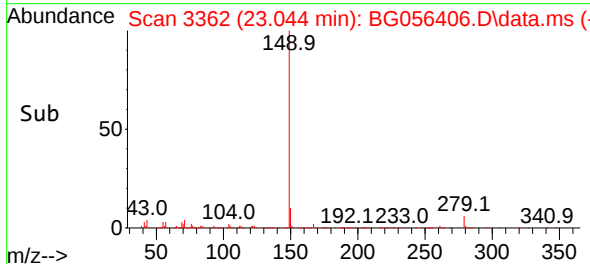
Instrument :
BNA_G
ClientSampleId :
TP-28MS



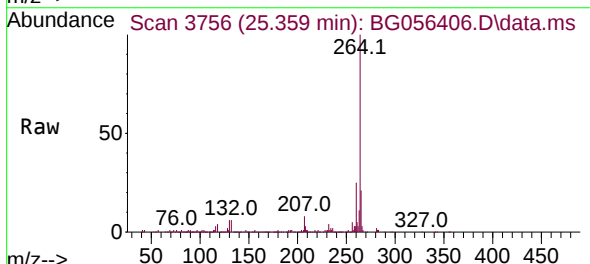
Tgt Ion:149 Resp: 584710
Ion Ratio Lower Upper
149 100
167 2.0 1.4 2.2
43 3.7 2.9 4.3

Manual Integrations
APPROVED

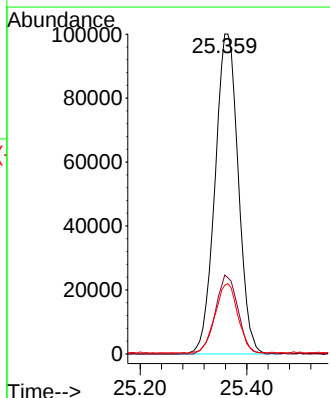
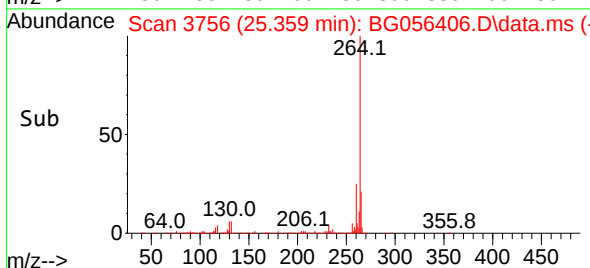
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

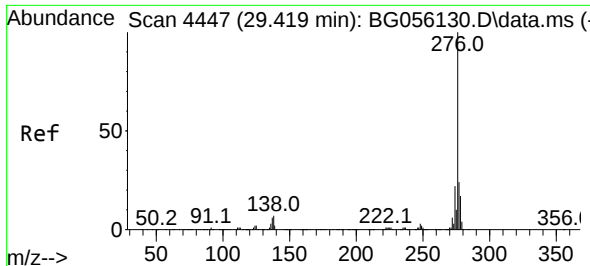


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.359 min Scan# 3756
Delta R.T. -0.014 min
Lab File: BG056406.D
Acq: 24 Jan 2023 17:07



Tgt Ion:264 Resp: 302829
Ion Ratio Lower Upper
264 100
260 24.6 18.6 28.0
265 21.5 16.7 25.1





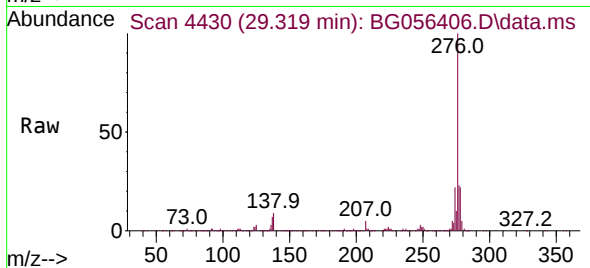
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.198 ng
 RT: 29.319 min Scan# 4447
 Delta R.T. -0.014 min
 Lab File: BG056406.D
 Acq: 24 Jan 2023 17:07

Instrument :

BNA_G

ClientSampleId :

TP-28MS

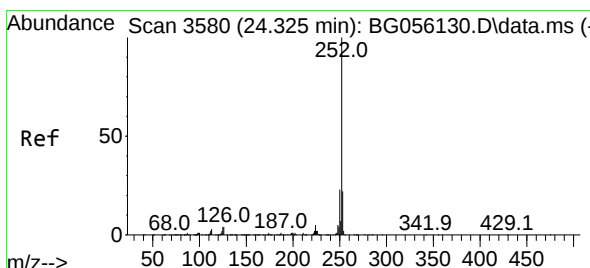
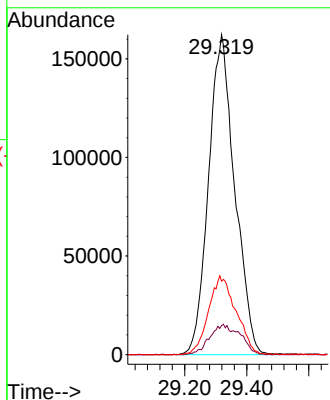
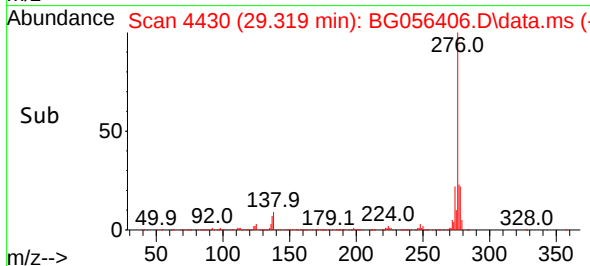


Tgt Ion:276 Resp: 951372
 Ion Ratio Lower Upper
 276 100
 138 11.0 5.0 7.4
 277 25.8 20.5 30.7

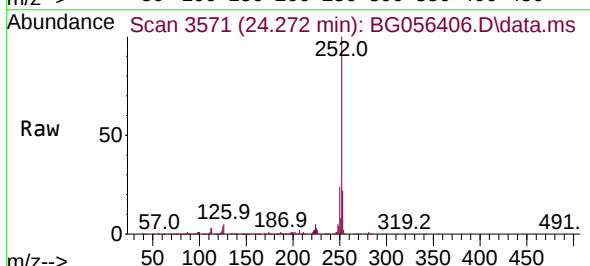
Manual Integrations

APPROVED

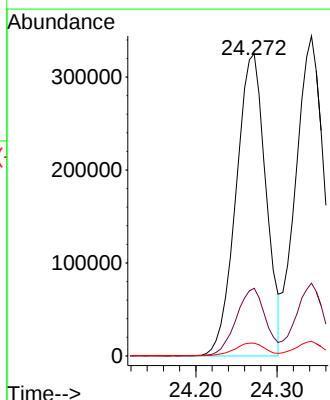
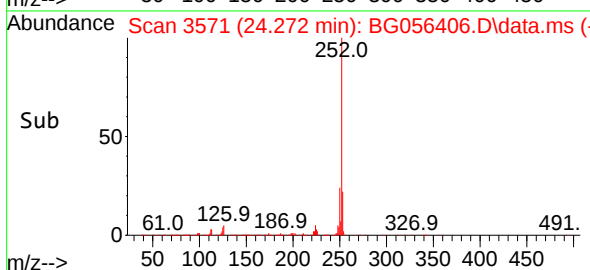
Reviewed By :Christian Giraldo 01/25/2023
 Supervised By :Jagrut Upadhyay 01/25/2023

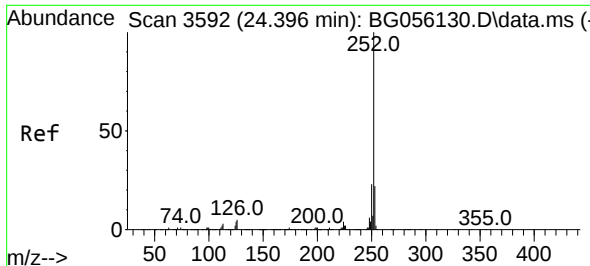


#88
 Benzo(b)fluoranthene
 Concen: 43.086 ng
 RT: 24.272 min Scan# 3571
 Delta R.T. -0.009 min
 Lab File: BG056406.D
 Acq: 24 Jan 2023 17:07



Tgt Ion:252 Resp: 828995
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.4 26.2
 125 4.2 3.0 4.4





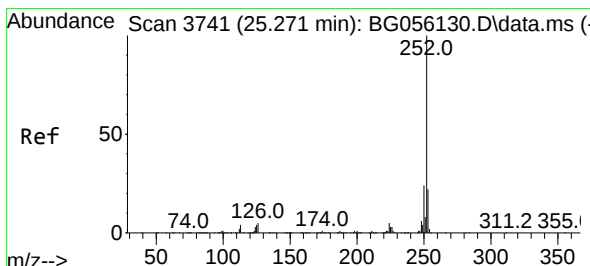
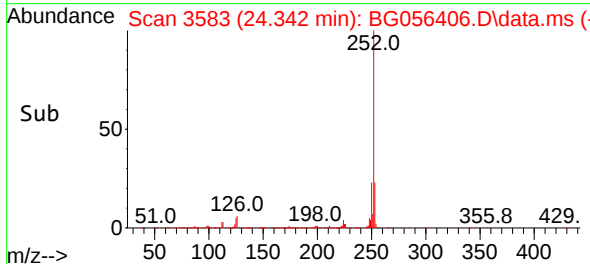
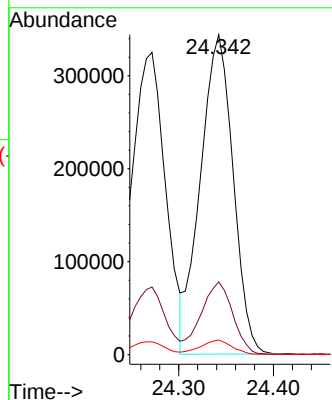
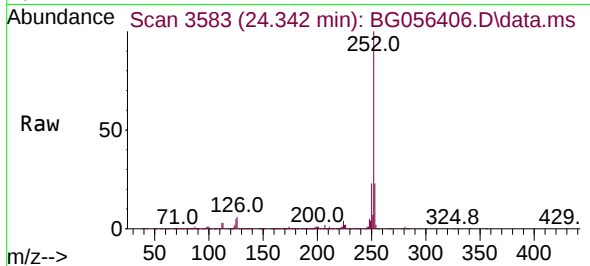
#89
Benzo(k)fluoranthene
Concen: 43.062 ng
RT: 24.342 min Scan# 3583
Delta R.T. -0.009 min
Lab File: BG056406.D
Acq: 24 Jan 2023 17:07

Instrument :
BNA_G
ClientSampleId :
TP-28MS

Tgt Ion:252 Resp: 825051
Ion Ratio Lower Upper
252 100
253 22.7 17.5 26.3
125 4.6 3.4 5.0

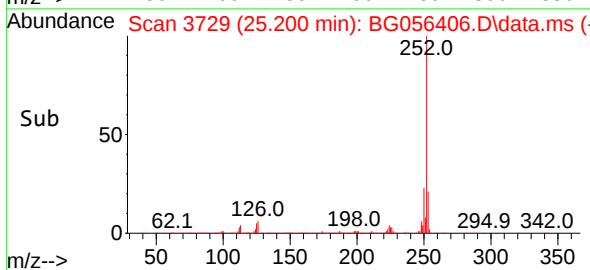
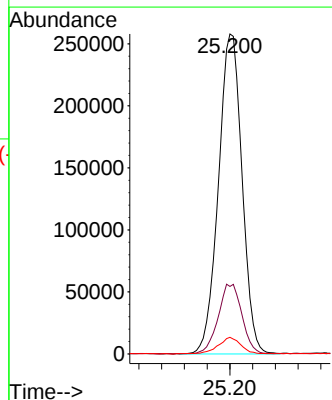
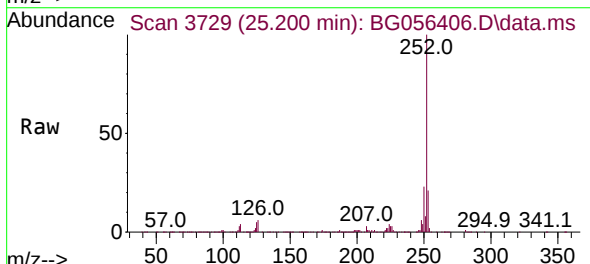
Manual Integrations
APPROVED

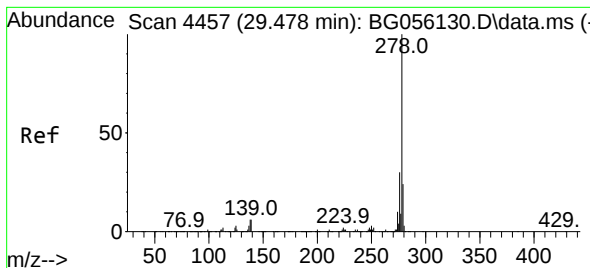
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#90
Benzo(a)pyrene
Concen: 39.582 ng
RT: 25.200 min Scan# 3729
Delta R.T. -0.014 min
Lab File: BG056406.D
Acq: 24 Jan 2023 17:07

Tgt Ion:252 Resp: 742808
Ion Ratio Lower Upper
252 100
253 21.1 17.4 26.2
125 5.2 3.2 4.8





#91

Dibenzo(a,h)anthracene

Concen: 43.602 ng

RT: 29.378 min Scan# 4457

Delta R.T. -0.014 min

Lab File: BG056406.D

Acq: 24 Jan 2023 17:07

Instrument :

BNA_G

ClientSampleId :

TP-28MS

Tgt Ion:278 Resp: 80509

Ion Ratio Lower Upper

278 100

139 6.7 4.8 7.2

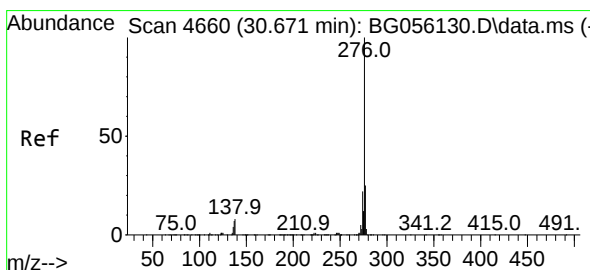
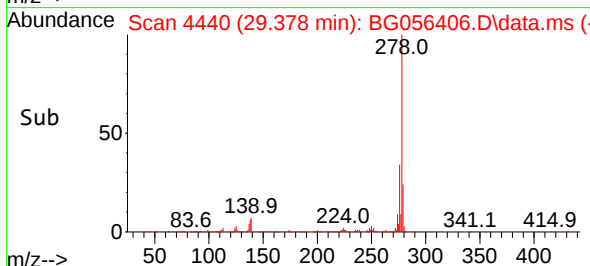
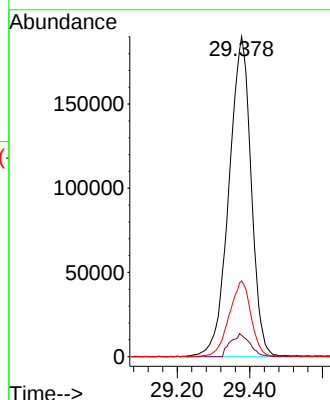
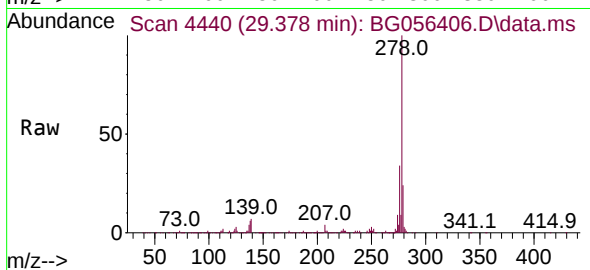
279 23.7 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/25/2023

Supervised By :Jagrut Upadhyay 01/25/2023



#92

Benzo(g,h,i)perylene

Concen: 43.103 ng

RT: 30.559 min Scan# 4641

Delta R.T. -0.014 min

Lab File: BG056406.D

Acq: 24 Jan 2023 17:07

Tgt Ion:276 Resp: 771791

Ion Ratio Lower Upper

276 100

277 24.1 19.7 29.5

138 9.6 6.7 10.1

