

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040423\
 Data File : BG056978.D
 Acq On : 4 Apr 2023 23:46
 Operator : CG/JU
 Sample : 02176-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-040323MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/05/2023
 Supervised By : Jagrut Upadhyay 04/05/2023

Quant Time: Apr 05 04:12:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 03:23:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.413	152	20092	20.000	ng	0.00
21) Naphthalene-d8	11.257	136	77104	20.000	ng	0.00
39) Acenaphthene-d10	15.028	164	51828	20.000	ng	0.00
64) Phenanthrene-d10	17.765	188	107751	20.000	ng	# 0.00
76) Chrysene-d12	22.095	240	97448	20.000	ng	0.00
86) Perylene-d12	25.637	264	103353	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.923	112	115948	92.359	ng	0.00
7) Phenol-d6	7.550	99	171490	91.334	ng	0.00
23) Nitrobenzene-d5	9.594	82	109826	58.283	ng	0.00
42) 2,4,6-Tribromophenol	16.508	330	73929	89.290	ng	0.00
45) 2-Fluorobiphenyl	13.653	172	243278	63.650	ng	0.00
79) Terphenyl-d14	20.338	244	355098	61.662	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.726	88	17261	31.365	ng	# 95
3) Pyridine	4.148	79	51949	29.308	ng	96
4) n-Nitrosodimethylamine	4.055	42	30925	37.947	ng	# 83
6) Aniline	7.726	93	44237	18.430	ng	98
8) 2-Chlorophenol	7.973	128	60444	48.338	ng	93
9) Benzaldehyde	7.538	77	42611	36.182	ng	90
10) Phenol	7.573	94	84575	45.459	ng	99
11) bis(2-Chloroethyl)ether	7.814	93	56904	42.938	ng	99
12) 1,3-Dichlorobenzene	8.308	146	65168	47.166	ng	96
13) 1,4-Dichlorobenzene	8.454	146	66340	47.573	ng	97
14) 1,2-Dichlorobenzene	8.778	146	64897	48.170	ng	92
15) Benzyl Alcohol	8.648	79	65195	41.788	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.930	45	70109	43.896	ng	97
17) 2-Methylphenol	8.848	107	58698	44.223	ng	90
18) Hexachloroethane	9.518	117	23804	46.703	ng	98
19) n-Nitroso-di-n-propyla...	9.218	70	52918	39.403	ng	# 91
20) 3+4-Methylphenols	9.177	107	75745	40.810	ng	98
22) Acetophenone	9.242	105	98921	43.116	ng	99
24) Nitrobenzene	9.635	77	82780	42.968	ng	93
25) Isophorone	10.158	82	139333	38.829	ng	99
26) 2-Nitrophenol	10.352	139	34158	45.934	ng	98
27) 2,4-Dimethylphenol	10.393	122	60012	45.708	ng	99
28) bis(2-Chloroethoxy)met...	10.628	93	73470	40.897	ng	93
29) 2,4-Dichlorophenol	10.892	162	65162	46.148	ng	99
30) 1,2,4-Trichlorobenzene	11.110	180	71065	47.367	ng	94
31) Naphthalene	11.309	128	186126	44.287	ng	97
32) Benzoic acid	10.528	122	40918m	45.369	ng	
33) 4-Chloroaniline	11.403	127	18437	9.713	ng	# 95
34) Hexachlorobutadiene	11.580	225	52710	46.770	ng	94
35) Caprolactam	12.167	113	17550m	36.040	ng	
36) 4-Chloro-3-methylphenol	12.496	107	65423	41.431	ng	99
37) 2-Methylnaphthalene	12.884	142	136939	41.055	ng	99
38) 1-Methylnaphthalene	13.101	142	126667	40.442	ng	99
40) 1,2,4,5-Tetrachloroben...	13.242	216	93467	52.006	ng	100
41) Hexachlorocyclopentadiene	13.219	237	42840	43.262	ng	94
43) 2,4,6-Trichlorophenol	13.471	196	56567	49.322	ng	99

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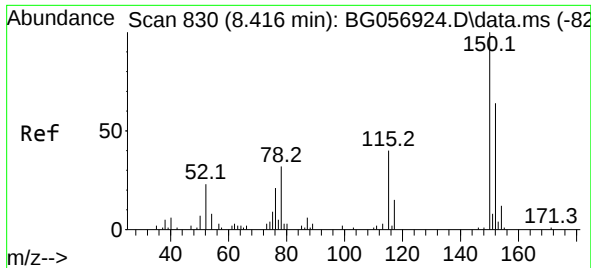
Quant Time: Apr 05 04:12:37 2023
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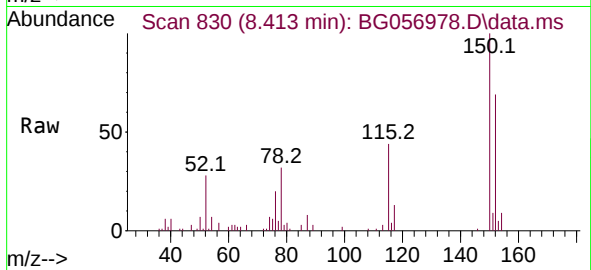
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.548	196	60482	44.515	ng	94
46) 1,1'-Biphenyl	13.865	154	187998	49.552	ng	98
47) 2-Chloronaphthalene	13.918	162	139423	49.688	ng	97
48) 2-Nitroaniline	14.106	65	45730	45.578	ng	98
49) Acenaphthylene	14.758	152	211126	45.794	ng	100
50) Dimethylphthalate	14.464	163	172057	42.133	ng	# 98
51) 2,6-Dinitrotoluene	14.593	165	37892	42.946	ng	98
52) Acenaphthene	15.092	154	146438	46.055	ng	95
53) 3-Nitroaniline	14.922	138	24357	27.890	ng	# 95
54) 2,4-Dinitrophenol	15.122	184	23873	48.070	ng	89
55) Dibenzofuran	15.421	168	211218	44.260	ng	95
56) 4-Nitrophenol	15.216	139	58947	91.277	ng	96
57) 2,4-Dinitrotoluene	15.374	165	52512	42.198	ng	# 96
58) Fluorene	16.068	166	173954	44.051	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.645	232	55986m	45.257	ng	
60) Diethylphthalate	15.809	149	165616	40.455	ng	98
61) 4-Chlorophenyl-phenyle...	16.050	204	99220	42.794	ng	94
62) 4-Nitroaniline	16.079	138	32392	35.799	ng	97
63) Azobenzene	16.344	77	175730	43.072	ng	97
65) 4,6-Dinitro-2-methylph...	16.132	198	16653	25.518	ng	97
66) n-Nitrosodiphenylamine	16.262	169	141754	49.007	ng	99
67) 4-Bromophenyl-phenylether	16.943	248	63801	47.855	ng	98
68) Hexachlorobenzene	17.072	284	64779	49.146	ng	97
69) Atrazine	17.196	200	58173	48.450	ng	98
70) Pentachlorophenol	17.413	266	85934	90.876	ng	97
71) Phenanthrene	17.812	178	308317	56.122	ng	99
72) Anthracene	17.900	178	280063	49.730	ng	100
73) Carbazole	18.165	167	227414	46.315	ng	96
74) Di-n-butylphthalate	18.688	149	249052	43.802	ng	98
75) Fluoranthene	19.798	202	452962	65.043	ng	98
77) Benzidine	19.968	184	55098	20.686	ng	99
78) Pyrene	20.162	202	451235	66.949	ng	98
80) Butylbenzylphthalate	21.014	149	101221	43.642	ng	99
81) Benzo(a)anthracene	22.071	228	417325	61.887	ng	98
82) 3,3'-Dichlorobenzidine	21.966	252	57376	25.197	ng	100
83) Chrysene	22.142	228	374865	59.371	ng	99
84) Bis(2-ethylhexyl)phtha...	21.924	149	145656	43.369	ng	99
85) Di-n-octyl phthalate	23.240	149	245473	43.372	ng	96
87) Indeno(1,2,3-cd)pyrene	29.743	276	334431	43.784	ng	# 96
88) Benzo(b)fluoranthene	24.509	252	432609	66.936	ng	99
89) Benzo(k)fluoranthene	24.580	252	371680	57.605	ng	98
90) Benzo(a)pyrene	25.478	252	374204	58.921	ng	99
91) Dibenzo(a,h)anthracene	29.808	278	260934	41.560	ng	99
92) Benzo(g,h,i)perylene	31.024	276	248727	40.457	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.413 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG056978.D
Acq: 4 Apr 2023 23:46

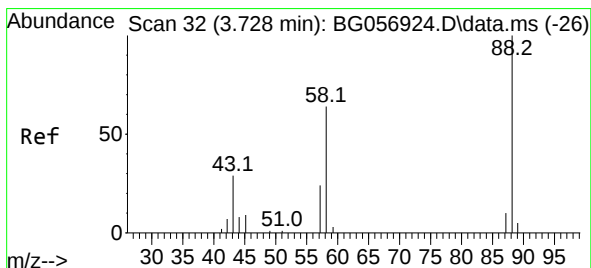
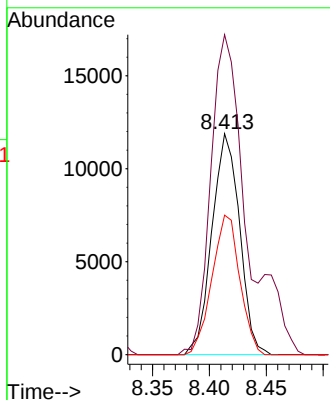
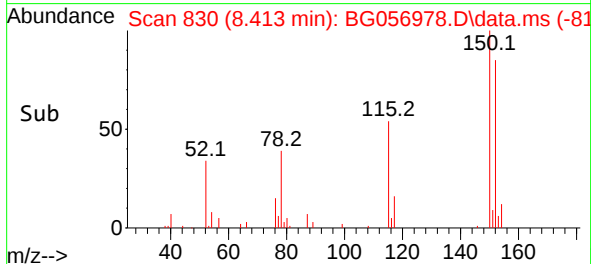
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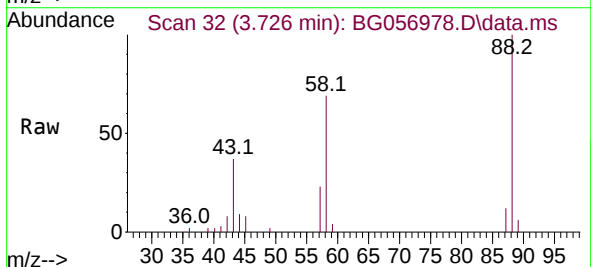
Tgt Ion:152 Resp: 20092
Ion Ratio Lower Upper
152 100
150 144.9 124.1 186.1
115 63.2 49.1 73.7

Manual Integrations
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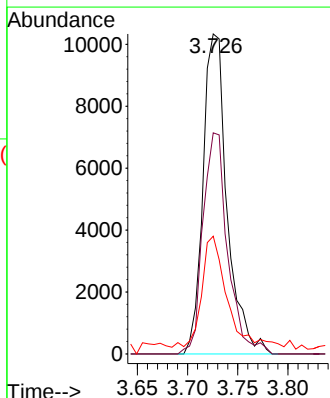
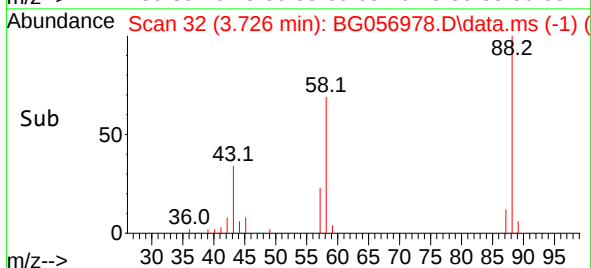
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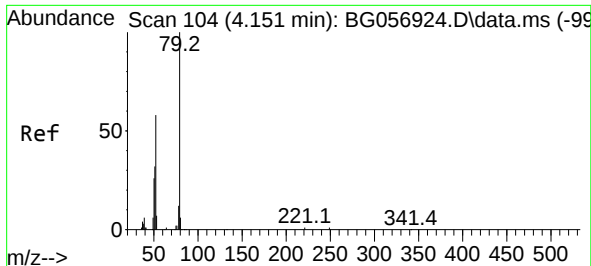


#2
1,4-Dioxane
Concen: 31.365 ng
RT: 3.726 min Scan# 32
Delta R.T. -0.003 min
Lab File: BG056978.D
Acq: 4 Apr 2023 23:46



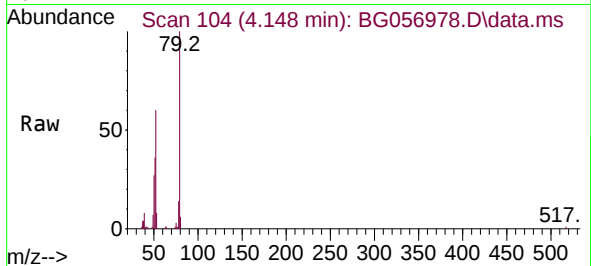
Tgt Ion: 88 Resp: 17261
Ion Ratio Lower Upper
88 100
58 70.8 55.9 83.9
43 38.9 25.7 38.5#





#3
Pyridine
Concen: 29.308 ng
RT: 4.148 min Scan# 104
Delta R.T. -0.003 min
Lab File: BG056978.D
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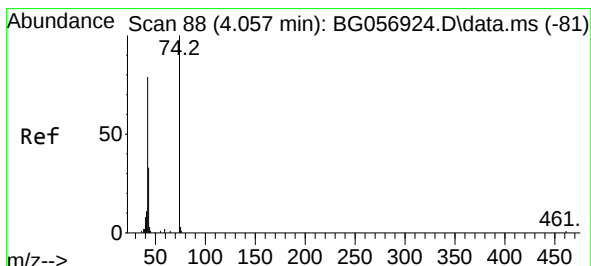
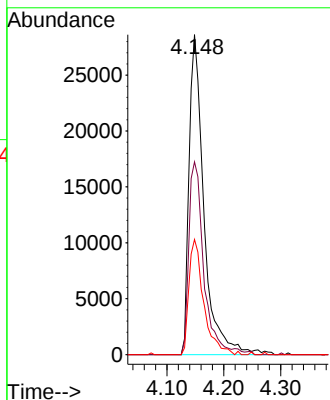
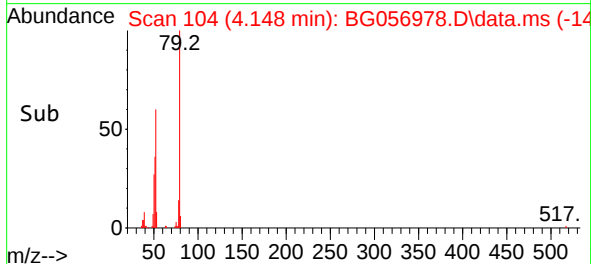
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Tgt Ion: 79 Resp: 51949
Ion Ratio Lower Upper
79 100
52 60.2 46.1 69.1
51 36.0 26.1 39.1

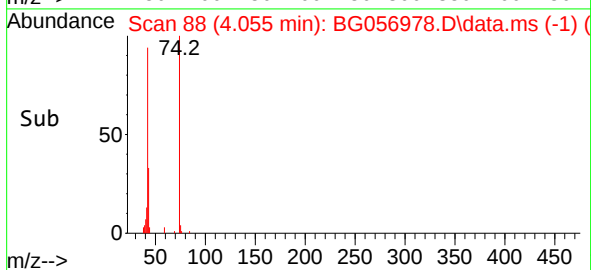
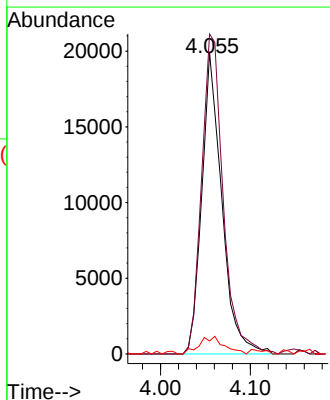
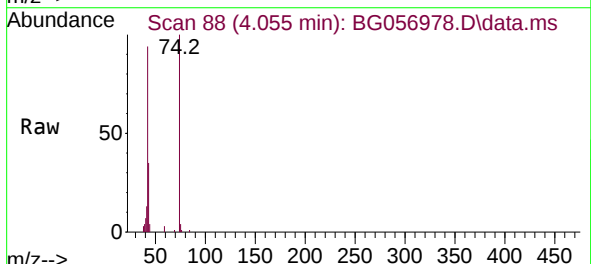
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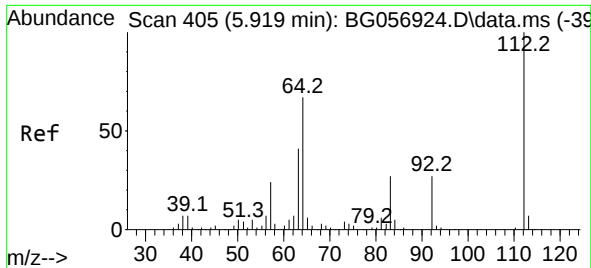
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#4
n-Nitrosodimethylamine
Concen: 37.947 ng
RT: 4.055 min Scan# 88
Delta R.T. -0.003 min
Lab File: BG056978.D
Acq: 4 Apr 2023 23:46

Tgt Ion: 42 Resp: 30925
Ion Ratio Lower Upper
42 100
74 106.2 100.6 151.0
44 4.3 4.6 7.0#





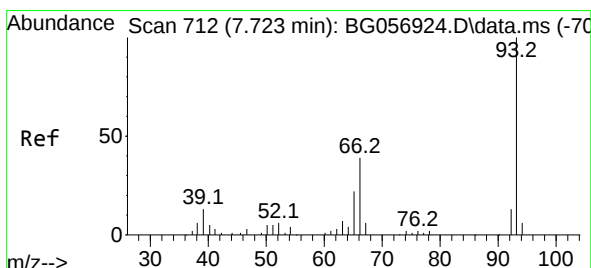
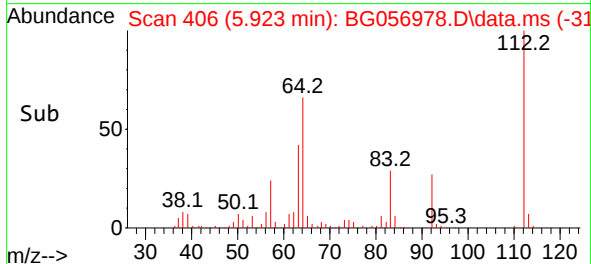
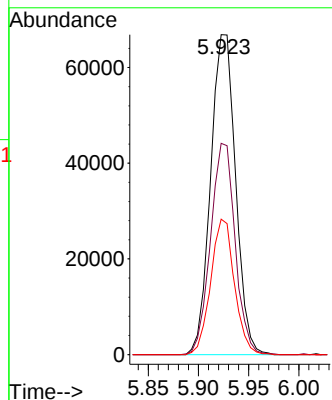
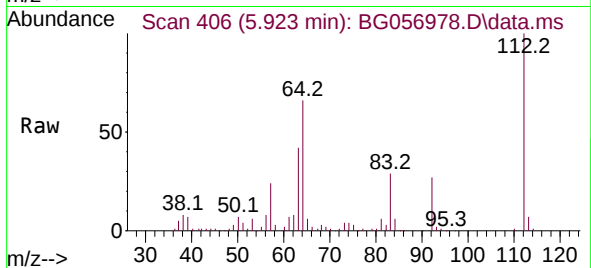
#5
2-Fluorophenol
Concen: 92.359 ng
RT: 5.923 min Scan# 405
Delta R.T. 0.003 min
Lab File: BG056978.D
Acq: 4 Apr 2023 23:46

Instrument :
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ClientSampleId :
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Tgt Ion:112 Resp: 115948
Ion Ratio Lower Upper
112 100
64 66.1 53.2 79.8
63 42.3 32.6 48.8

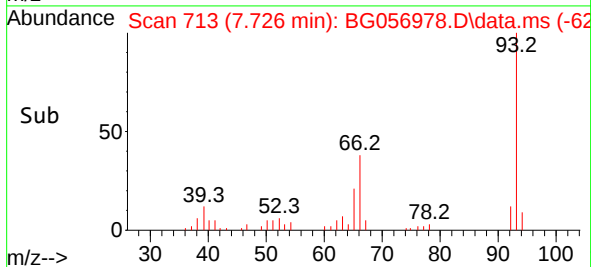
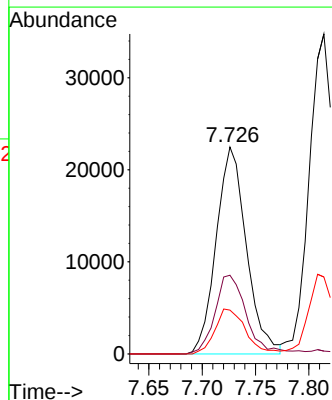
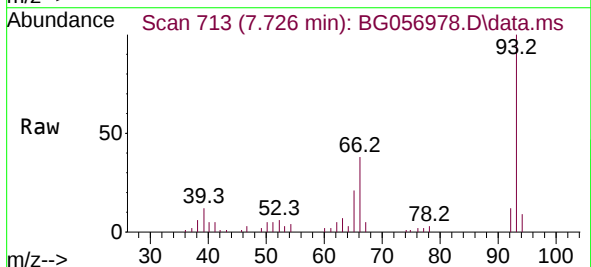
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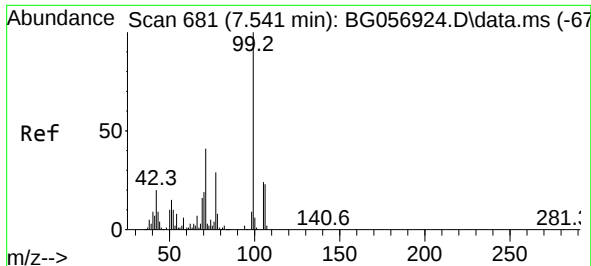
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#6
Aniline
Concen: 18.430 ng
RT: 7.726 min Scan# 713
Delta R.T. 0.003 min
Lab File: BG056978.D
Acq: 4 Apr 2023 23:46

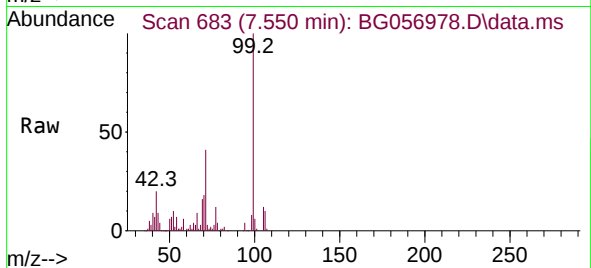
Tgt Ion: 93 Resp: 44237
Ion Ratio Lower Upper
93 100
66 38.1 31.4 47.0
65 21.2 17.3 25.9





#7
Phenol-d6
Concen: 91.334 ng
RT: 7.550 min Scan# 681
Delta R.T. 0.009 min
Lab File: BG056978.D
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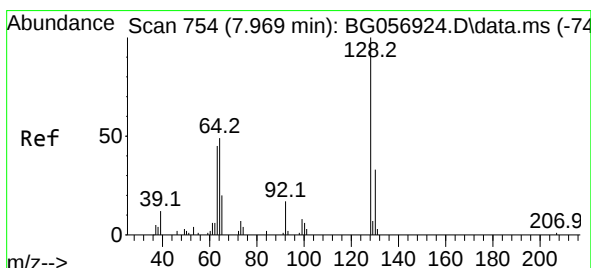
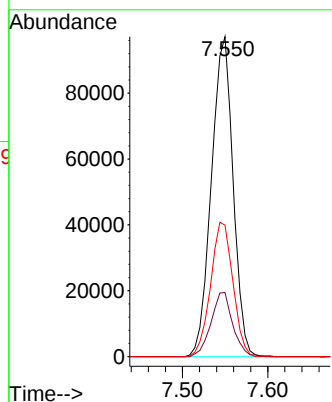
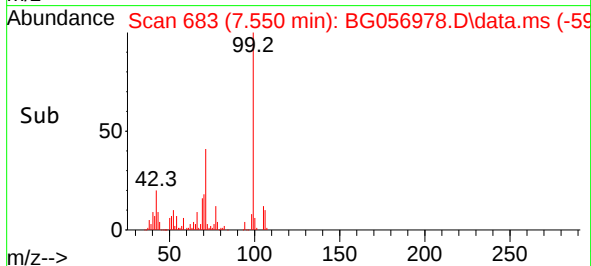
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Tgt Ion: 99 Resp: 171490
Ion Ratio Lower Upper
99 100
42 20.0 15.7 23.5
71 41.1 32.5 48.7

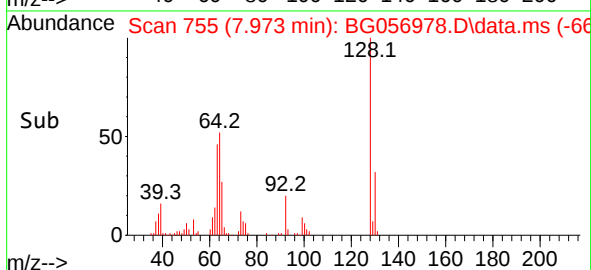
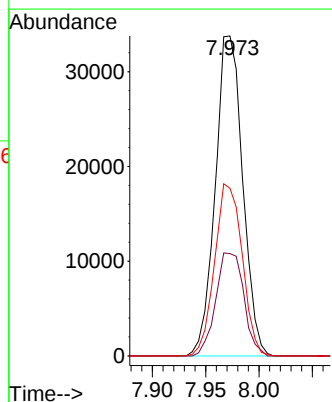
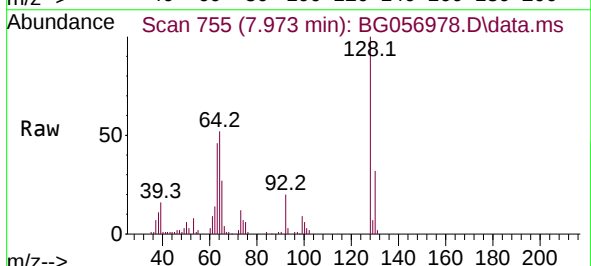
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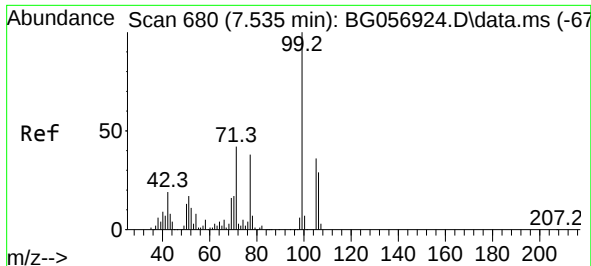
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#8
2-Chlorophenol
Concen: 48.338 ng
RT: 7.973 min Scan# 755
Delta R.T. 0.003 min
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Tgt Ion:128 Resp: 60444
Ion Ratio Lower Upper
128 100
130 32.0 12.6 52.6
64 52.4 40.6 80.6





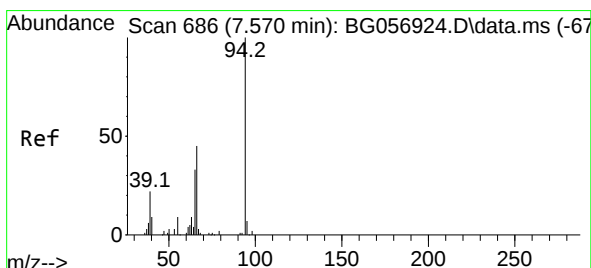
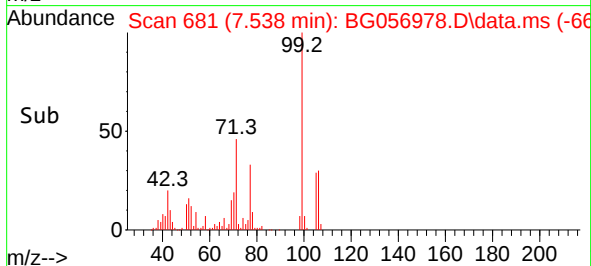
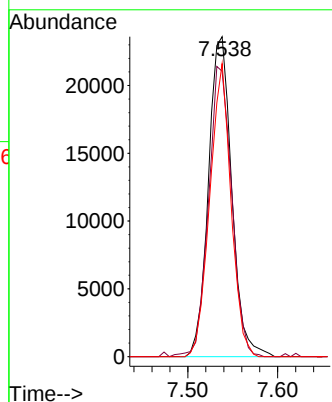
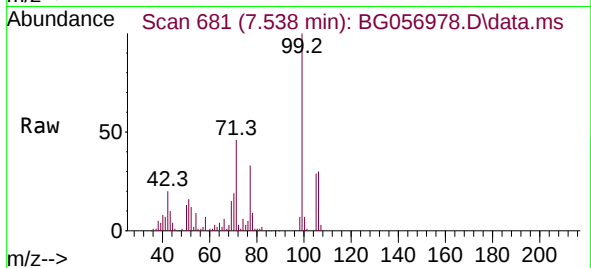
#9
Benzaldehyde
Concen: 36.182 ng
RT: 7.538 min Scan# 681
Delta R.T. 0.003 min
Lab File: BG056978.D
Acq: 4 Apr 2023 23:46

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ClientSampleId :
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Tgt Ion: 77 Resp: 4261
Ion Ratio Lower Upper
77 100
105 89.2 73.6 113.6
106 91.6 56.7 96.7

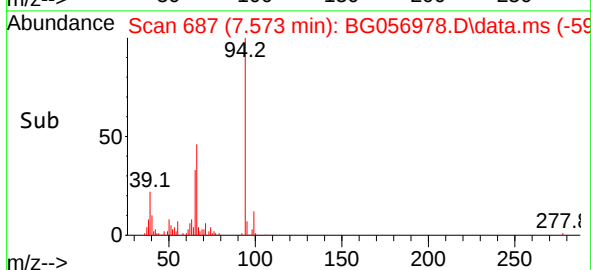
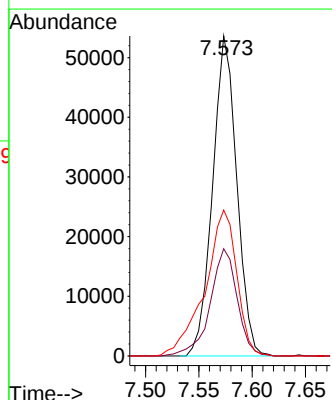
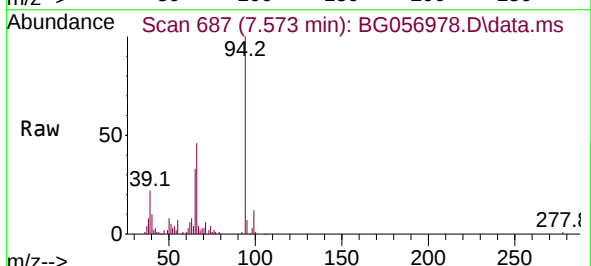
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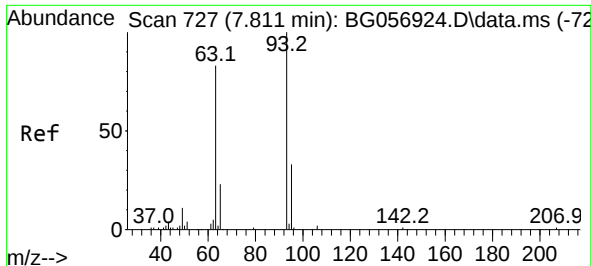
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#10
Phenol
Concen: 45.459 ng
RT: 7.573 min Scan# 687
Delta R.T. 0.003 min
Lab File: BG056978.D
Acq: 4 Apr 2023 23:46

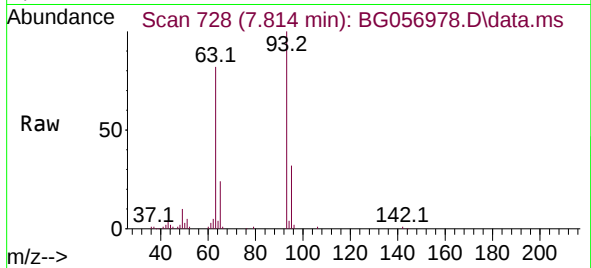
Tgt Ion: 94 Resp: 84575
Ion Ratio Lower Upper
94 100
65 33.5 13.3 53.3
66 45.6 26.7 66.7





#11
bis(2-Chloroethyl)ether
Concen: 42.938 ng
RT: 7.814 min Scan# 71
Delta R.T. 0.003 min
Lab File: BG056978.D
Acq: 4 Apr 2023 23:46

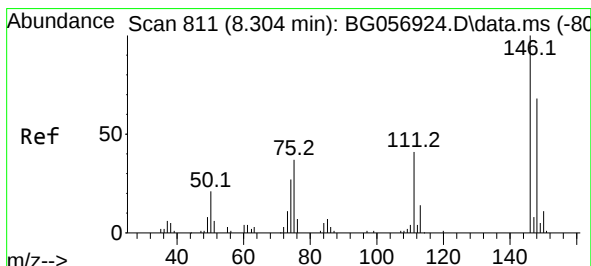
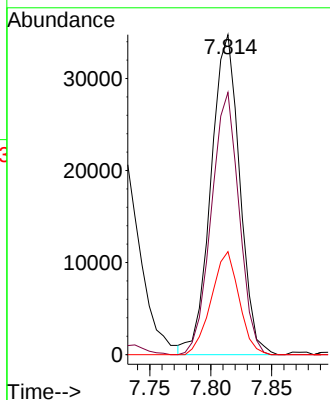
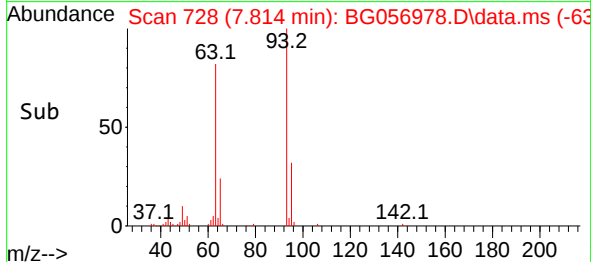
Instrument :
BNA_G
ClientSampleId :
TR-04-040323MS



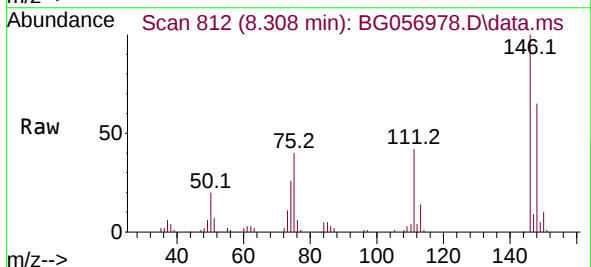
Tgt Ion: 93 Resp: 56904
Ion Ratio Lower Upper
93 100
63 81.9 62.7 102.7
95 32.2 12.3 52.3

Manual Integrations
APPROVED

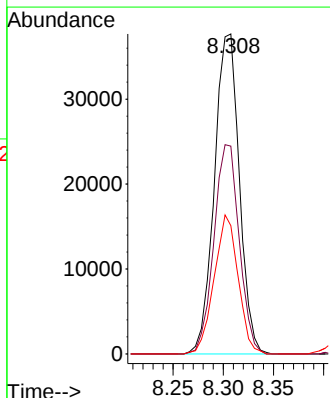
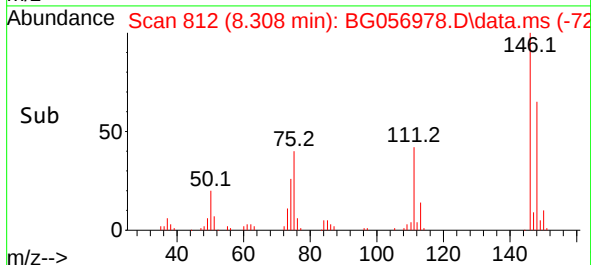
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023

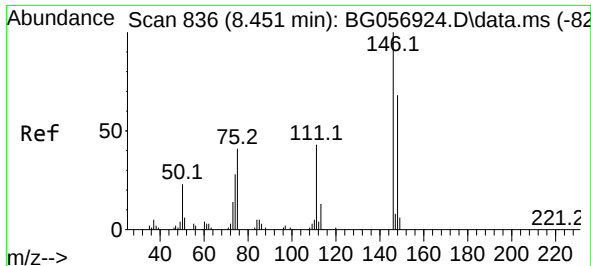


#12
1,3-Dichlorobenzene
Concen: 47.166 ng
RT: 8.308 min Scan# 812
Delta R.T. 0.003 min
Lab File: BG056978.D
Acq: 4 Apr 2023 23:46



Tgt Ion:146 Resp: 65168
Ion Ratio Lower Upper
146 100
148 64.9 54.2 81.4
75 40.1 29.8 44.8





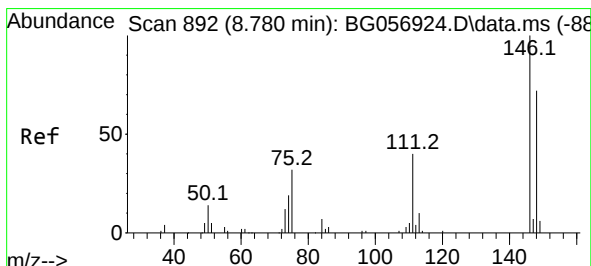
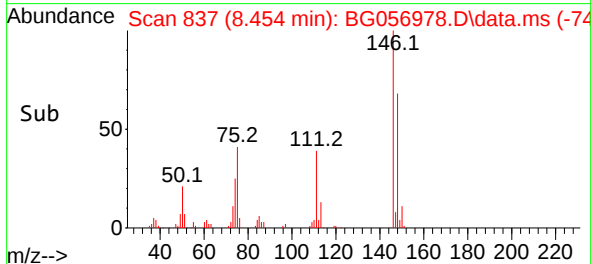
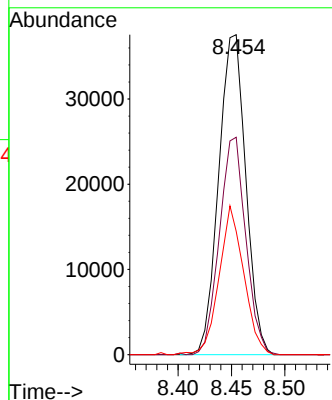
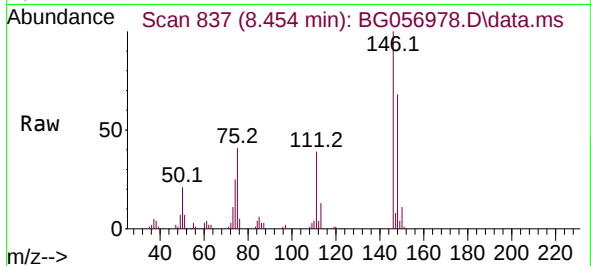
#13
1,4-Dichlorobenzene
Concen: 47.573 ng
RT: 8.454 min Scan# 836
Delta R.T. 0.003 min
Lab File: BG056978.D
Acq: 4 Apr 2023 23:46

Instrument :
BNA_G
ClientSampleId :
TR-04-040323MS

Tgt Ion:146 Resp: 66340
Ion Ratio Lower Upper
146 100
148 67.9 54.8 82.2
111 38.5 34.6 52.0

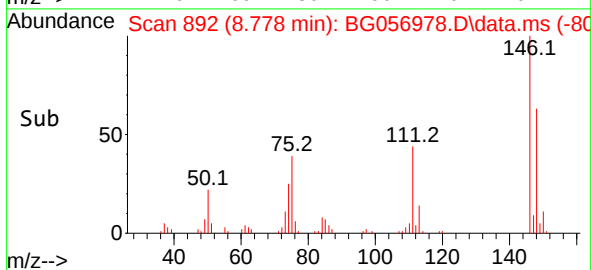
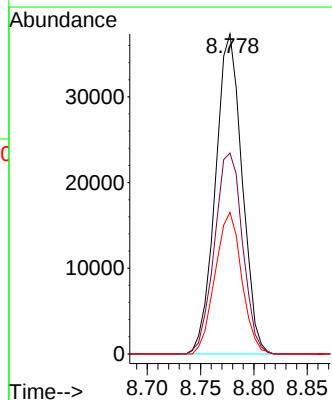
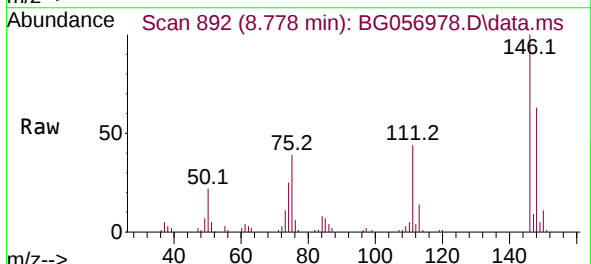
Manual Integrations
APPROVED

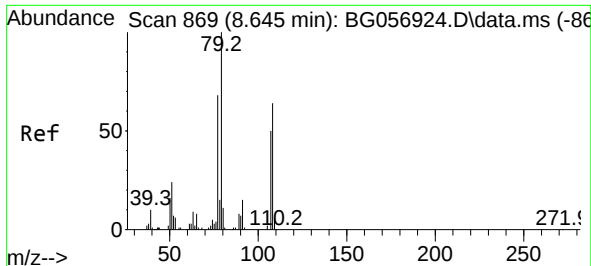
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#14
1,2-Dichlorobenzene
Concen: 48.170 ng
RT: 8.778 min Scan# 892
Delta R.T. -0.003 min
Lab File: BG056978.D
Acq: 4 Apr 2023 23:46

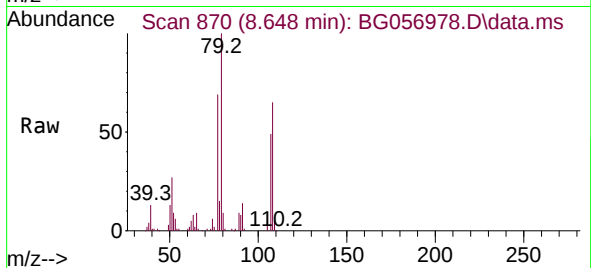
Tgt Ion:146 Resp: 64897
Ion Ratio Lower Upper
146 100
148 62.8 57.4 86.0
111 44.2 33.2 49.8





#15
Benzyl Alcohol
Concen: 41.788 ng
RT: 8.648 min Scan# 869
Delta R.T. 0.003 min
Lab File: BG056978.D
Acq: 4 Apr 2023 23:46

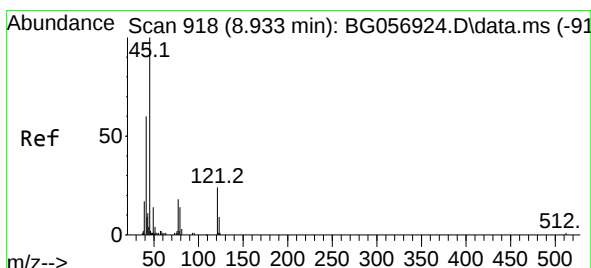
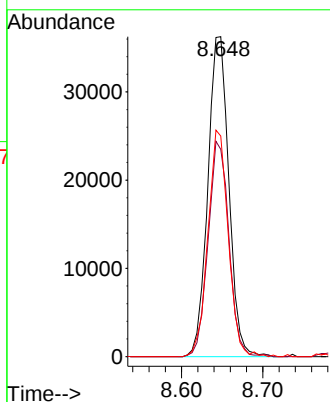
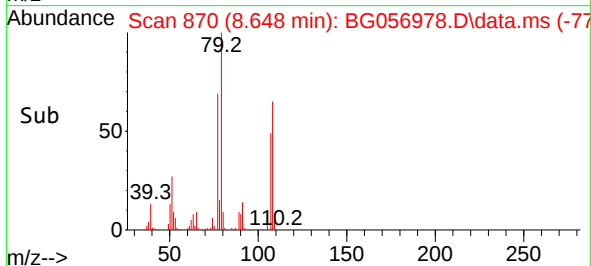
Instrument :
BNA_G
ClientSampleId :
TR-04-040323MS



Tgt Ion: 79 Resp: 65195
Ion Ratio Lower Upper
79 100
108 64.8 51.2 76.8
77 68.9 54.4 81.6

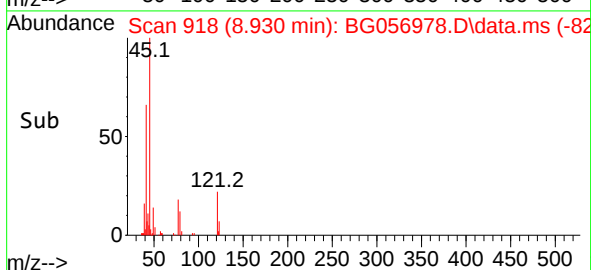
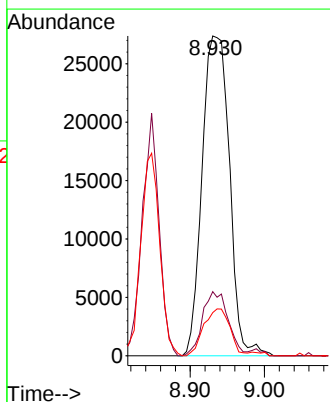
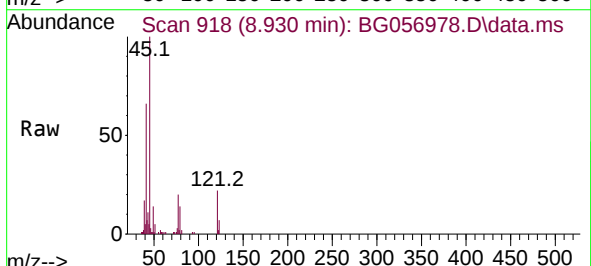
Manual Integrations
APPROVED

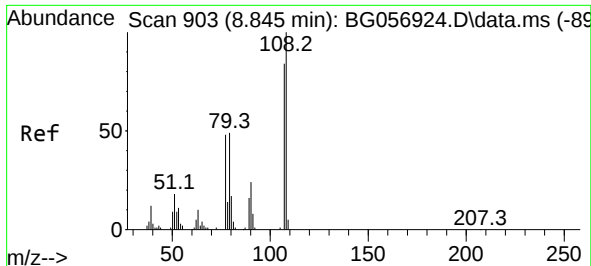
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.896 ng
RT: 8.930 min Scan# 918
Delta R.T. -0.003 min
Lab File: BG056978.D
Acq: 4 Apr 2023 23:46

Tgt Ion: 45 Resp: 70109
Ion Ratio Lower Upper
45 100
77 20.1 0.0 38.7
79 13.5 0.0 35.1





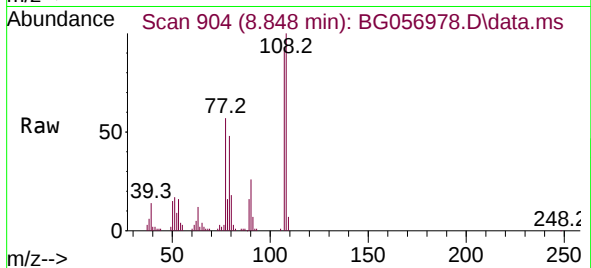
#17
2-Methylphenol
Concen: 44.223 ng
RT: 8.848 min Scan# 903
Delta R.T. 0.003 min
Lab File: BG056978.D
Acq: 4 Apr 2023 23:46

Instrument :

BNA_G

ClientSampleId :

TR-04-040323MS

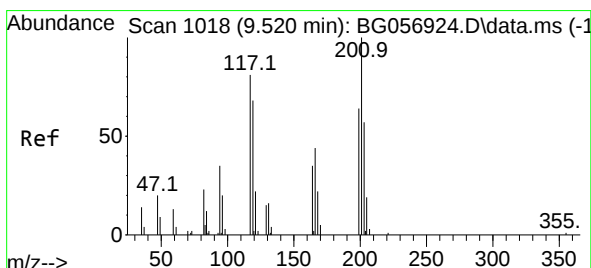
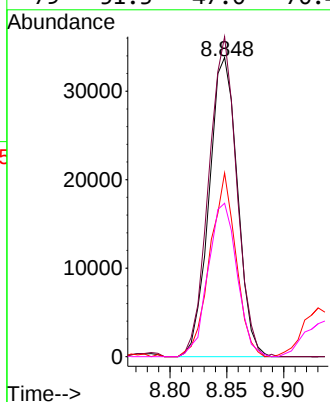
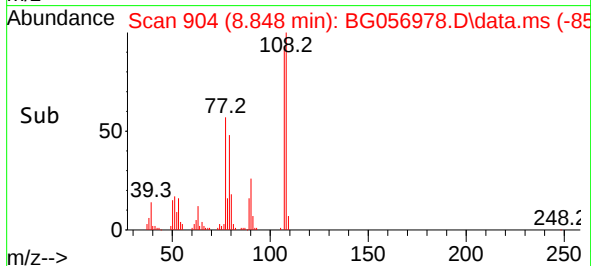


Tgt Ion:107 Resp: 58698
Ion Ratio Lower Upper
107 100
108 107.0 96.0 144.0
77 61.4 45.6 68.4
79 51.3 47.0 70.4

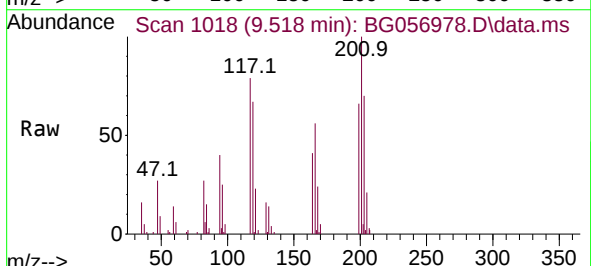
Manual Integrations

APPROVED

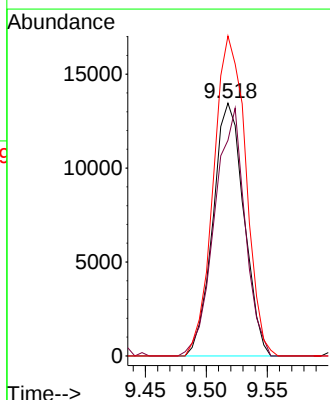
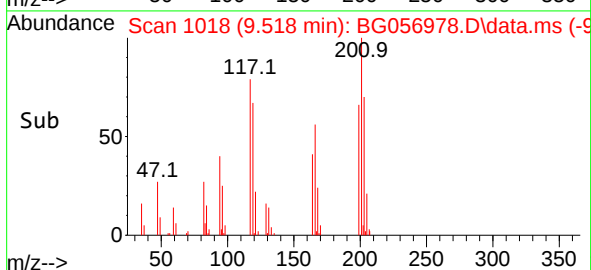
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023

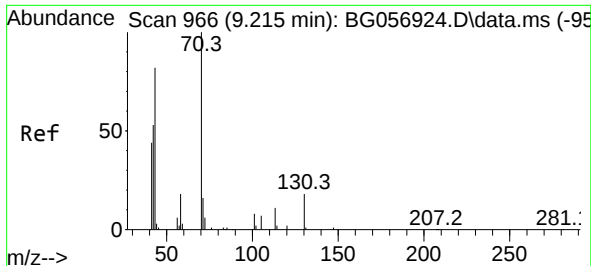


#18
Hexachloroethane
Concen: 46.703 ng
RT: 9.518 min Scan# 1018
Delta R.T. -0.003 min
Lab File: BG056978.D
Acq: 4 Apr 2023 23:46



Tgt Ion:117 Resp: 23804
Ion Ratio Lower Upper
117 100
119 85.4 67.0 100.6
201 126.7 98.7 148.1





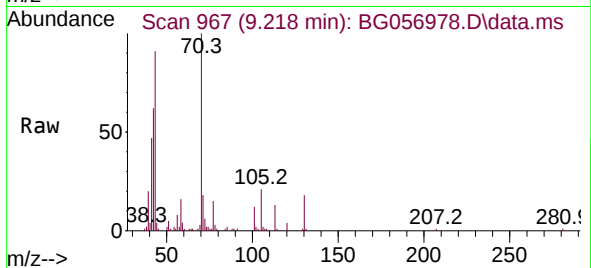
#19
n-Nitroso-di-n-propylamine
Concen: 39.403 ng
RT: 9.218 min Scan# 90
Delta R.T. 0.003 min
Lab File: BG056978.D
Acq: 4 Apr 2023 23:46

Instrument :

BNA_G

ClientSampleId :

TR-04-040323MS

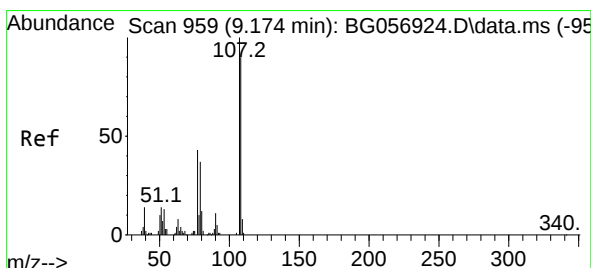
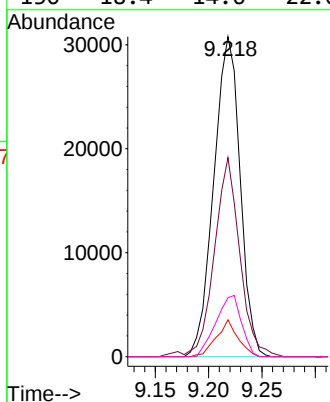
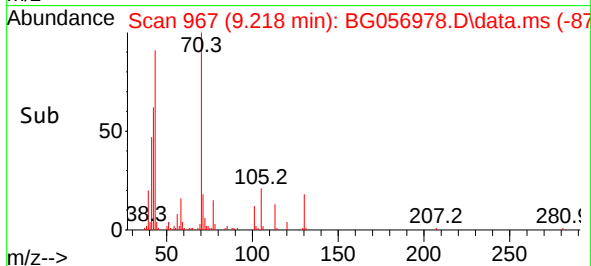


Tgt Ion: 70 Resp: 52918
Ion Ratio Lower Upper
70 100
42 62.2 43.4 65.0
101 11.5 6.2 9.2
130 18.4 14.6 22.0

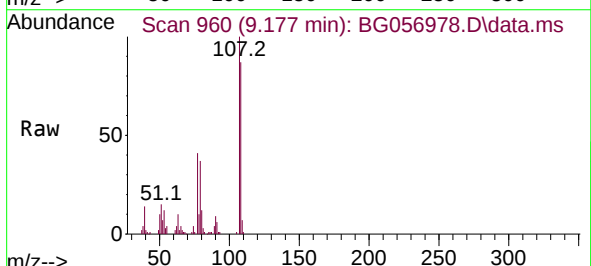
Manual Integrations

APPROVED

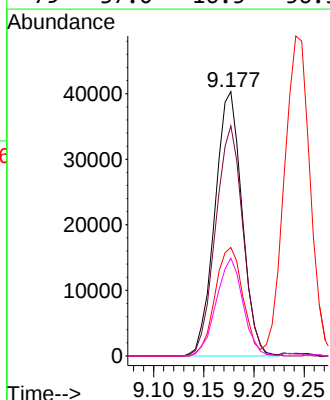
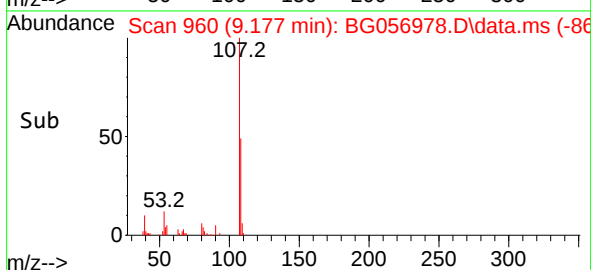
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023

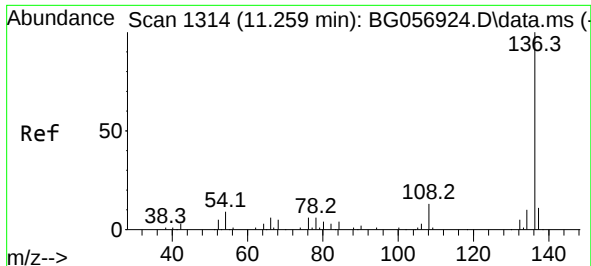


#20
3+4-Methylphenols
Concen: 40.810 ng
RT: 9.177 min Scan# 960
Delta R.T. 0.003 min
Lab File: BG056978.D
Acq: 4 Apr 2023 23:46



Tgt Ion:107 Resp: 75745
Ion Ratio Lower Upper
107 100
108 87.0 69.9 109.9
77 41.1 22.7 62.7
79 37.0 16.5 56.5





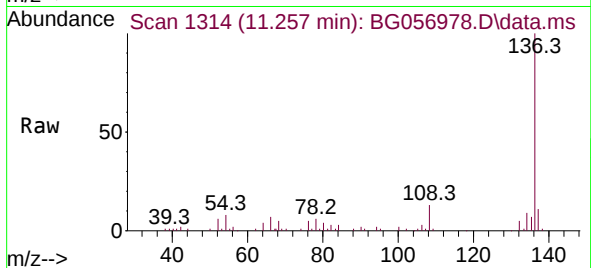
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.257 min Scan# 1314
Delta R.T. -0.003 min
Lab File: BG056978.D
Acq: 4 Apr 2023 23:46

Instrument :

BNA_G

ClientSampleId :

TR-04-040323MS

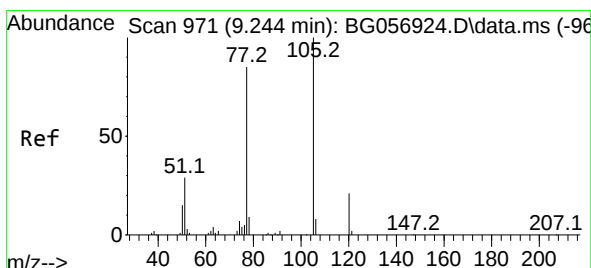
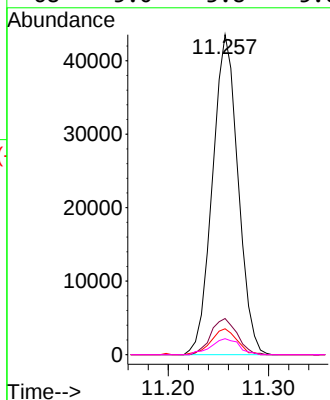
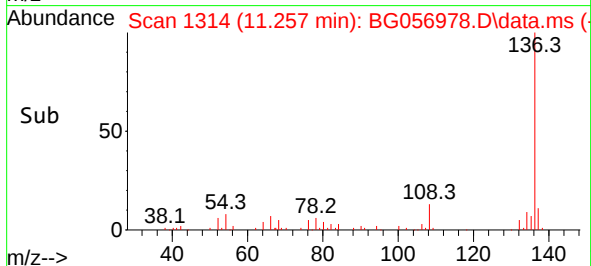


Tgt Ion:136 Resp: 77104
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 8.1 6.9 10.3
68 5.0 3.8 5.6

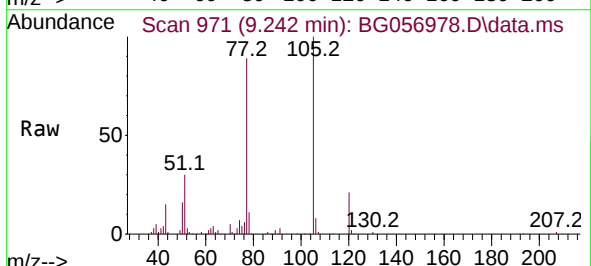
Manual Integrations

APPROVED

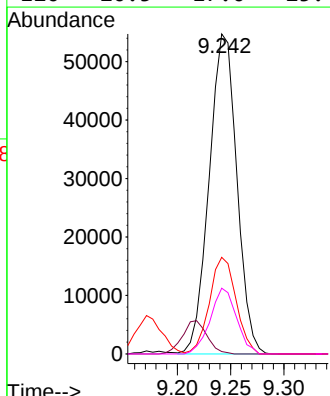
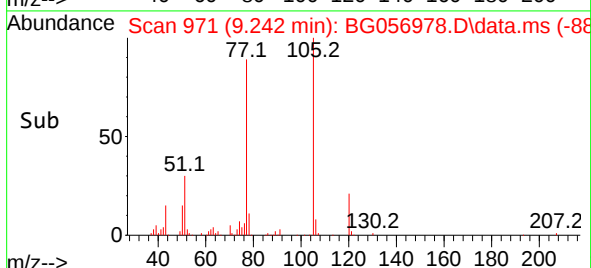
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023

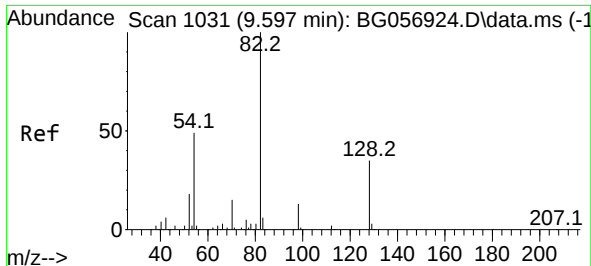


#22
Acetophenone
Concen: 43.116 ng
RT: 9.242 min Scan# 971
Delta R.T. -0.003 min
Lab File: BG056978.D
Acq: 4 Apr 2023 23:46



Tgt Ion:105 Resp: 98921
Ion Ratio Lower Upper
105 100
71 0.7 0.7 1.1
51 30.2 23.8 35.8
120 20.5 17.0 25.4





#23

Nitrobenzene-d5

Concen: 58.283 ng

RT: 9.594 min Scan# 1031

Delta R.T. -0.003 min

Lab File: BG056978.D

Acq: 4 Apr 2023 23:46

Instrument :

BNA_G

ClientSampleId :

TR-04-040323MS

Tgt Ion: 82 Resp: 109826

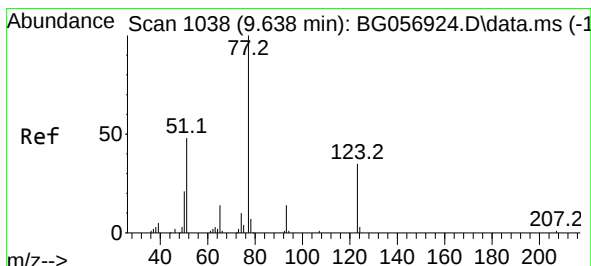
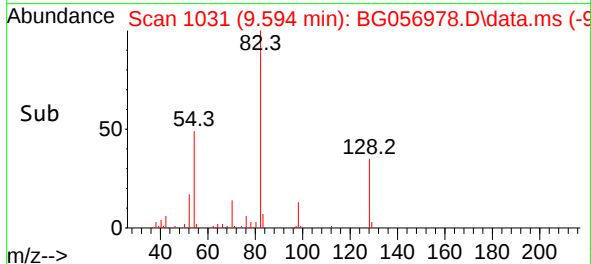
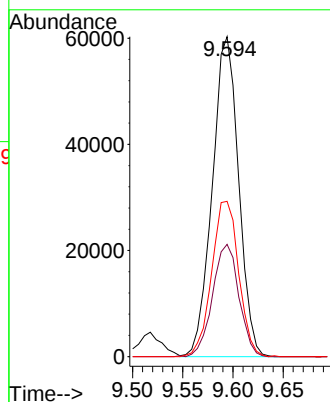
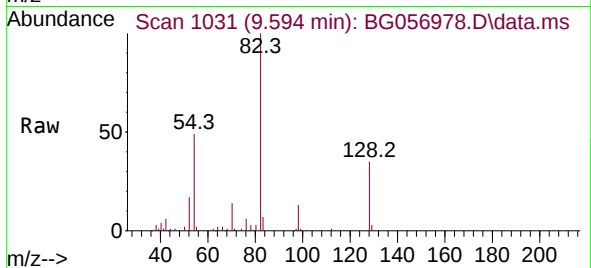
Ion	Ratio	Lower	Upper
82	100		
128	35.1	27.9	41.9
54	48.5	39.4	59.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/05/2023

Supervised By :Jagrut Upadhyay 04/05/2023



#24

Nitrobenzene

Concen: 42.968 ng

RT: 9.635 min Scan# 1038

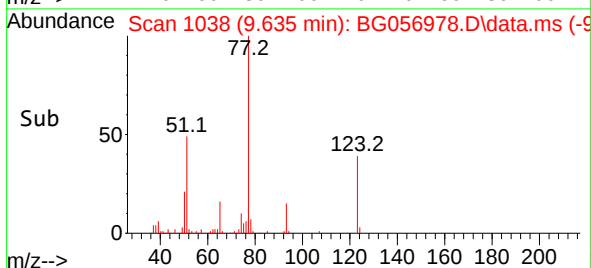
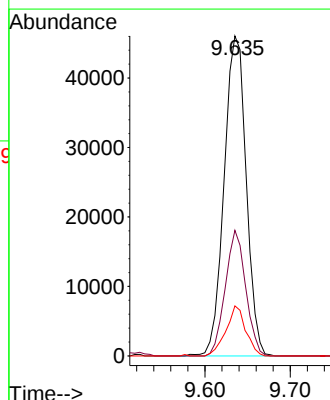
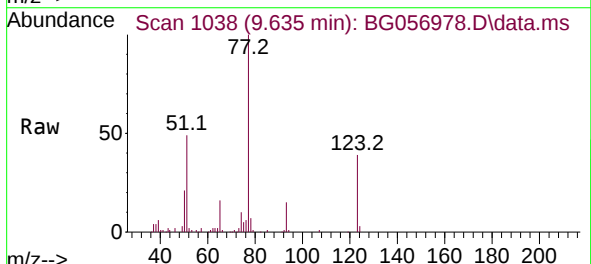
Delta R.T. -0.003 min

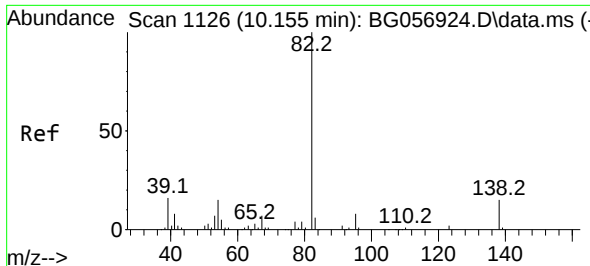
Lab File: BG056978.D

Acq: 4 Apr 2023 23:46

Tgt Ion: 77 Resp: 82780

Ion	Ratio	Lower	Upper
77	100		
123	39.2	27.6	41.4
65	15.6	11.5	17.3





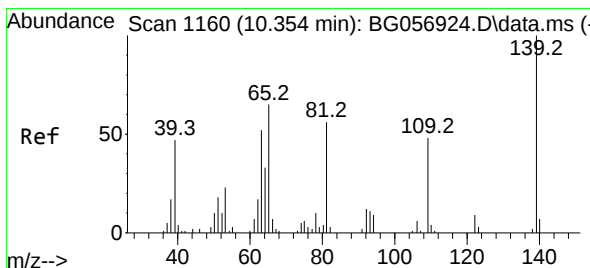
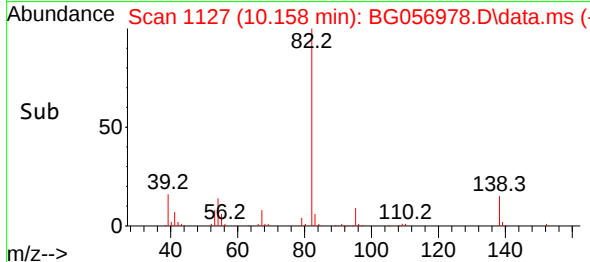
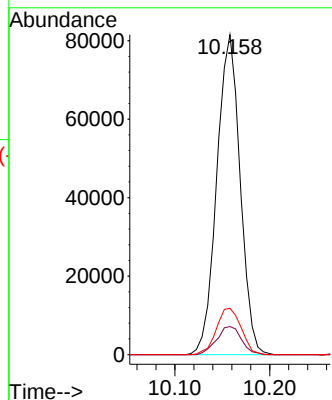
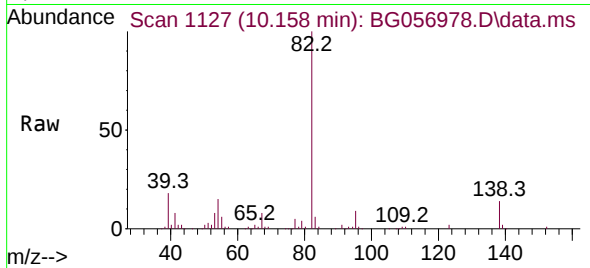
#25
Isophorone
Concen: 38.829 ng
RT: 10.158 min Scan# 1126
Delta R.T. 0.003 min
Lab File: BG056978.D
Acq: 4 Apr 2023 23:46

Instrument :
BNA_G
ClientSampleId :
TR-04-040323MS

Tgt Ion: 82 Resp: 13933
Ion Ratio Lower Upper
82 100
95 8.8 6.3 9.5
138 14.5 11.8 17.8

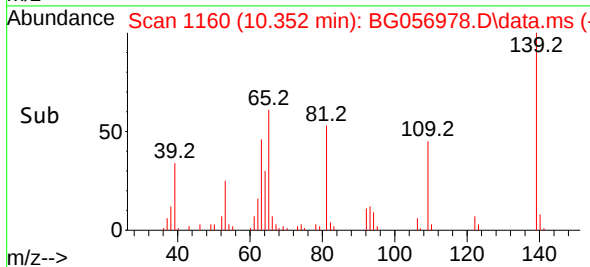
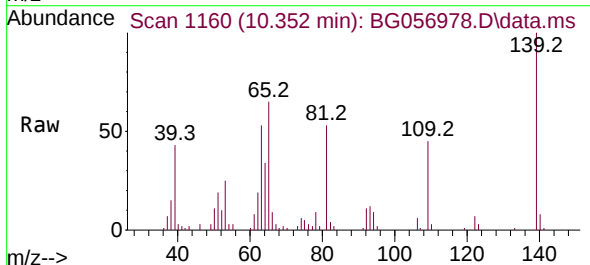
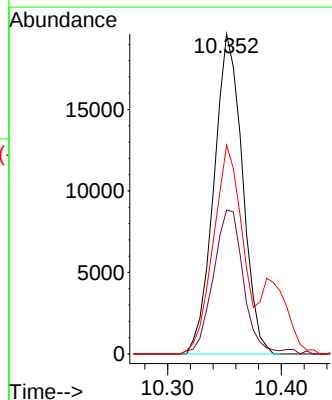
Manual Integrations
APPROVED

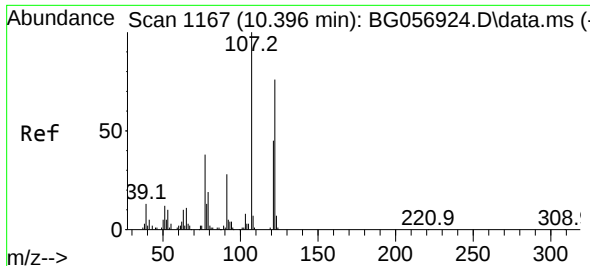
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#26
2-Nitrophenol
Concen: 45.934 ng
RT: 10.352 min Scan# 1160
Delta R.T. -0.003 min
Lab File: BG056978.D
Acq: 4 Apr 2023 23:46

Tgt Ion:139 Resp: 34158
Ion Ratio Lower Upper
139 100
109 45.0 38.2 57.4
65 65.2 51.8 77.8





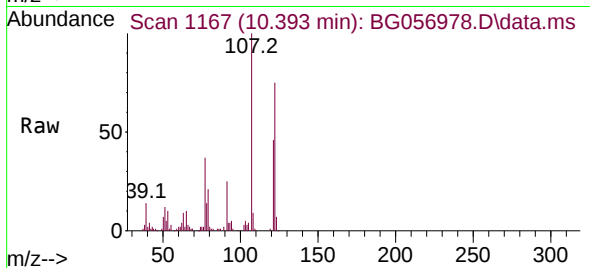
#27
2,4-Dimethylphenol
Concen: 45.708 ng
RT: 10.393 min Scan# 1167
Delta R.T. -0.003 min
Lab File: BG056978.D
Acq: 4 Apr 2023 23:46

Instrument :

BNA_G

ClientSampleId :

TR-04-040323MS

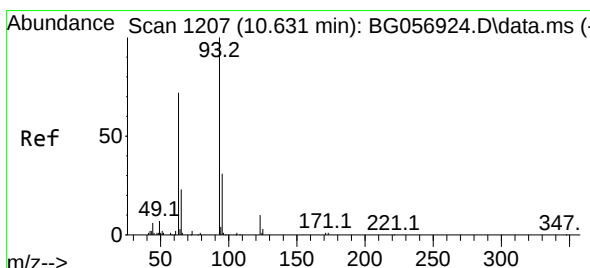
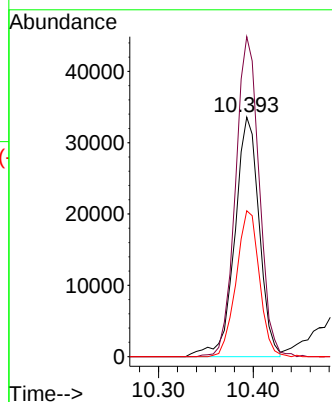
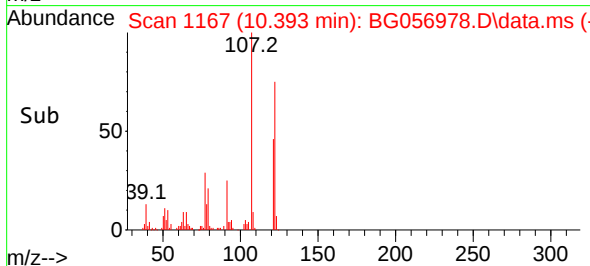


Tgt Ion:122 Resp: 60012
Ion Ratio Lower Upper
122 100
107 133.6 105.7 158.5
121 60.9 48.0 72.0

Manual Integrations

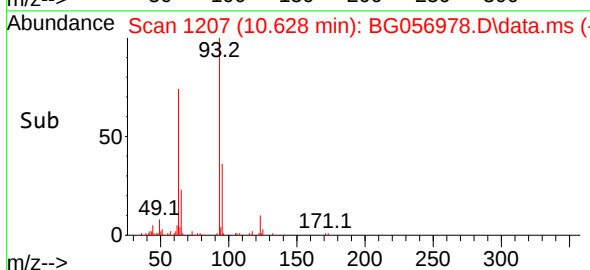
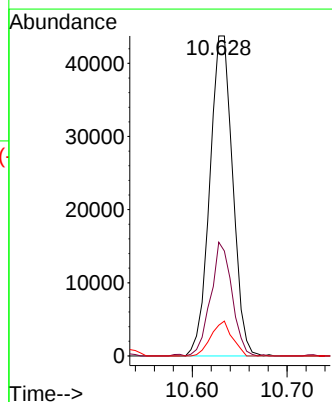
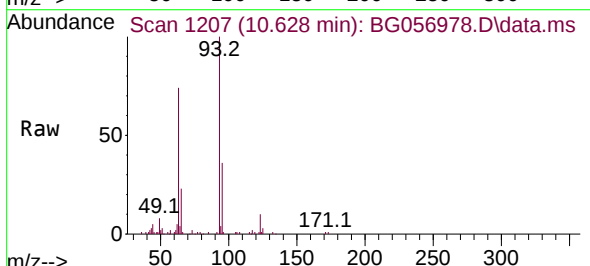
APPROVED

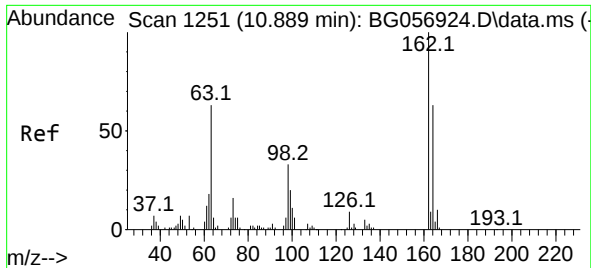
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#28
bis(2-Chloroethoxy)methane
Concen: 40.897 ng
RT: 10.628 min Scan# 1207
Delta R.T. -0.003 min
Lab File: BG056978.D
Acq: 4 Apr 2023 23:46

Tgt Ion: 93 Resp: 73470
Ion Ratio Lower Upper
93 100
95 35.5 24.6 37.0
123 9.6 7.8 11.6





#29
2,4-Dichlorophenol
Concen: 46.148 ng
RT: 10.892 min Scan# 1251
Delta R.T. 0.003 min
Lab File: BG056978.D
Acq: 4 Apr 2023 23:46

Instrument :

BNA_G

ClientSampleId :

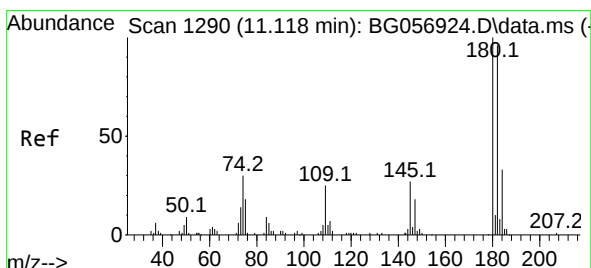
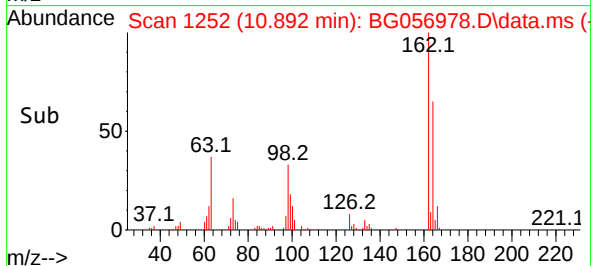
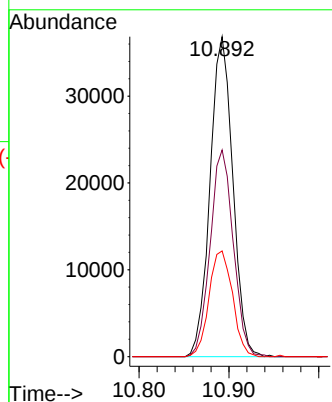
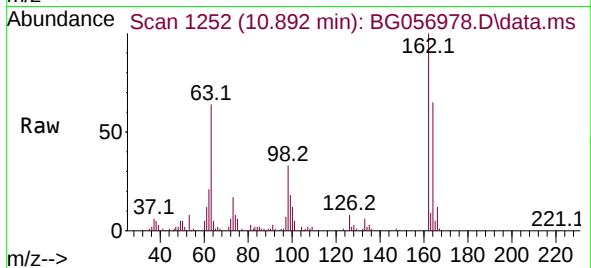
TR-04-040323MS

Tgt Ion:162 Resp: 65162
Ion Ratio Lower Upper
162 100
164 64.6 43.4 83.4
98 33.0 12.5 52.5

Manual Integrations

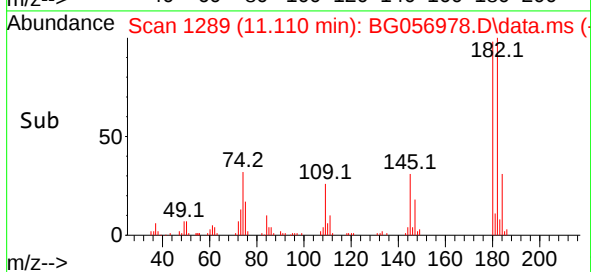
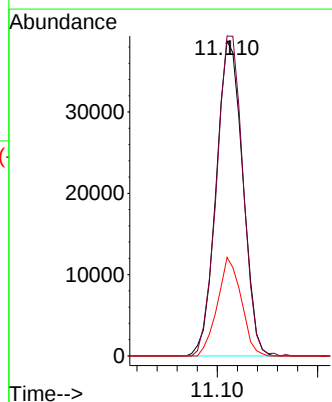
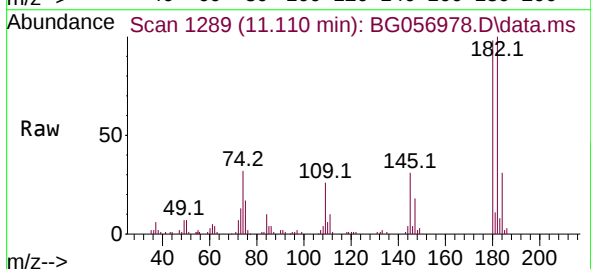
APPROVED

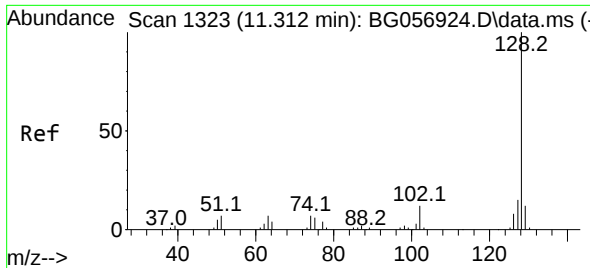
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#30
1,2,4-Trichlorobenzene
Concen: 47.367 ng
RT: 11.110 min Scan# 1289
Delta R.T. -0.009 min
Lab File: BG056978.D
Acq: 4 Apr 2023 23:46

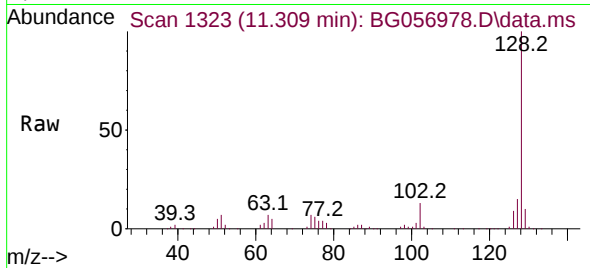
Tgt Ion:180 Resp: 71065
Ion Ratio Lower Upper
180 100
182 101.7 77.1 115.7
145 31.3 21.3 31.9





#31
Naphthalene
Concen: 44.287 ng
RT: 11.309 min Scan# 1323
Delta R.T. -0.003 min
Lab File: BG056978.D
Acq: 4 Apr 2023 23:46

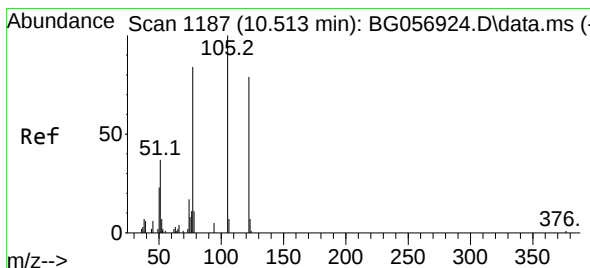
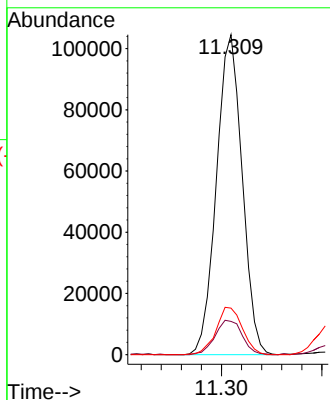
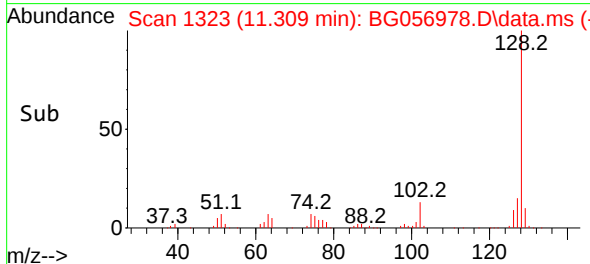
Instrument :
BNA_G
ClientSampleId :
TR-04-040323MS



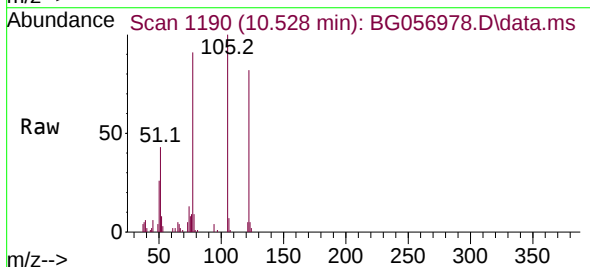
Tgt Ion:128 Resp: 186126
Ion Ratio Lower Upper
128 100
129 10.4 9.4 14.2
127 14.5 12.2 18.4

Manual Integrations
APPROVED

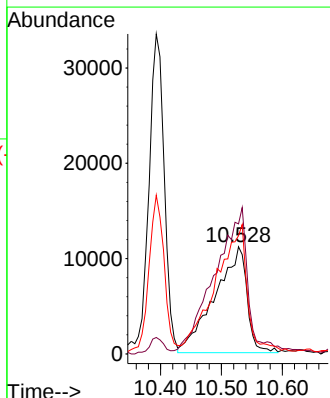
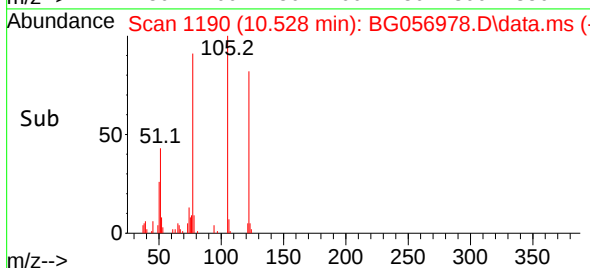
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023

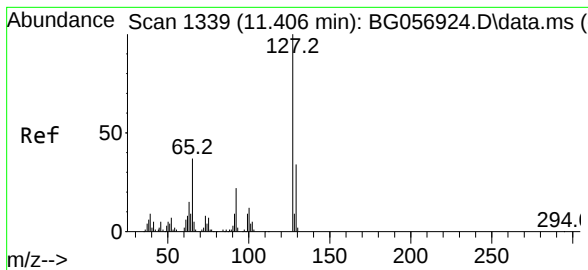


#32
Benzoic acid
Concen: 45.369 ng m
RT: 10.528 min Scan# 1190
Delta R.T. 0.015 min
Lab File: BG056978.D
Acq: 4 Apr 2023 23:46



Tgt Ion:122 Resp: 40918
Ion Ratio Lower Upper
122 100
105 121.4 105.4 145.4
77 110.3 87.4 127.4





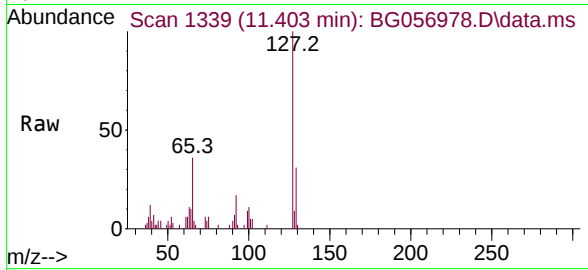
#33
4-Chloroaniline
Concen: 9.713 ng
RT: 11.403 min Scan# 1339
Delta R.T. -0.003 min
Lab File: BG056978.D
Acq: 4 Apr 2023 23:46

Instrument :

BNA_G

ClientSampleId :

TR-04-040323MS

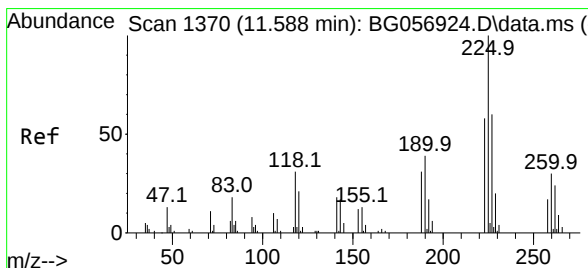
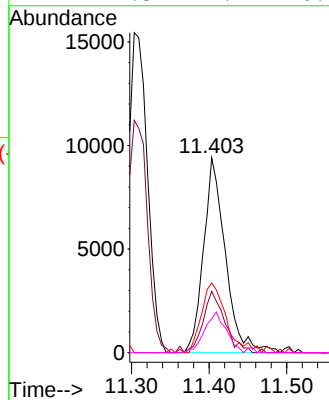
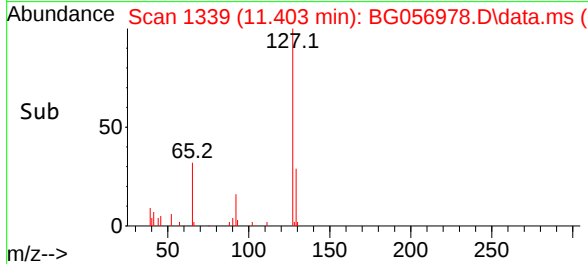


Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.4	27.6	41.4
65	35.8	29.8	44.8
92	17.3	17.4	26.0

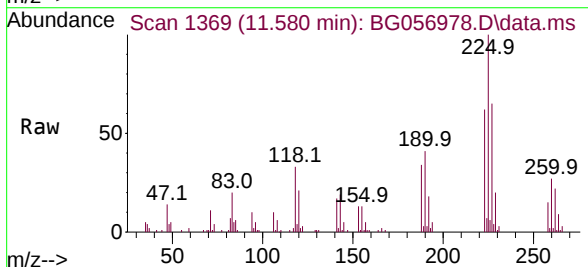
Manual Integrations

APPROVED

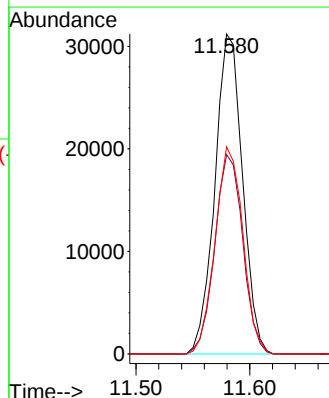
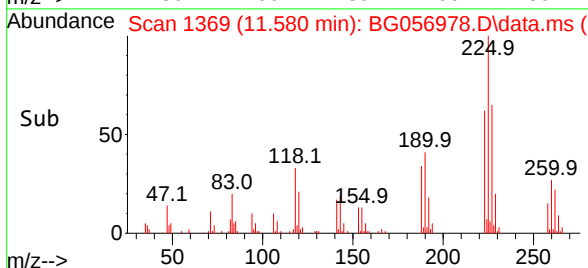
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023

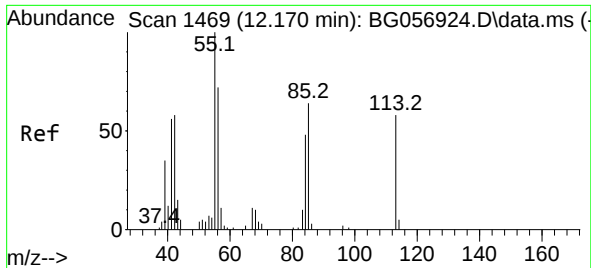


#34
Hexachlorobutadiene
Concen: 46.770 ng
RT: 11.580 min Scan# 1369
Delta R.T. -0.009 min
Lab File: BG056978.D
Acq: 4 Apr 2023 23:46



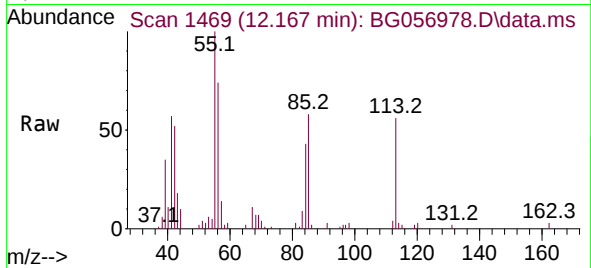
Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	46.4	69.6
227	64.7	48.0	72.0





#35
 Caprolactam
 Concen: 36.040 ng m
 RT: 12.167 min Scan# 1469
 Delta R.T. -0.003 min
 Lab File: BG056978.D
 Acq: 4 Apr 2023 23:46

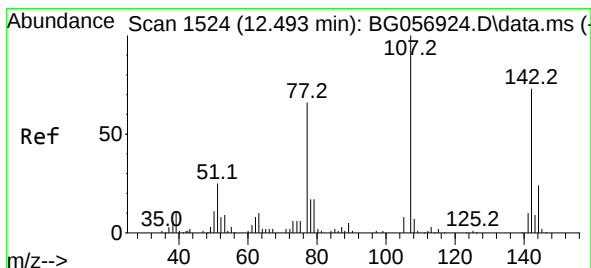
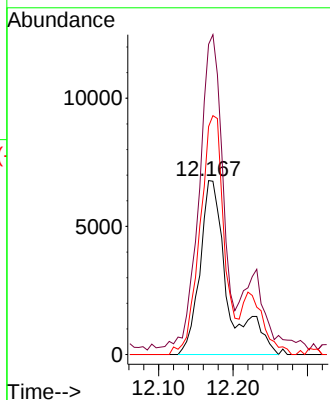
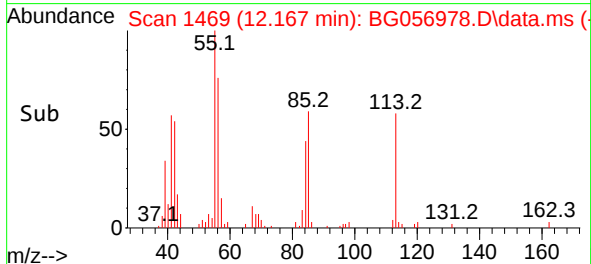
Instrument :
 BNA_G
 ClientSampleId :
 TR-04-040323MS



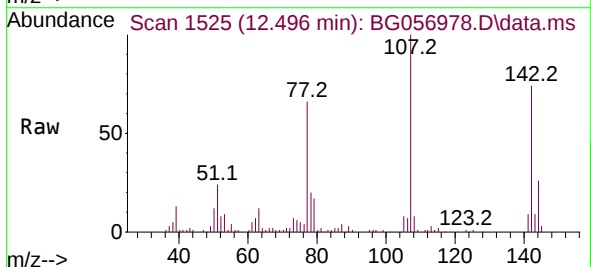
Tgt Ion:113 Resp: 17550
 Ion Ratio Lower Upper
 113 100
 55 178.4 151.6 191.6
 56 131.1 103.7 143.7

Manual Integrations
 APPROVED

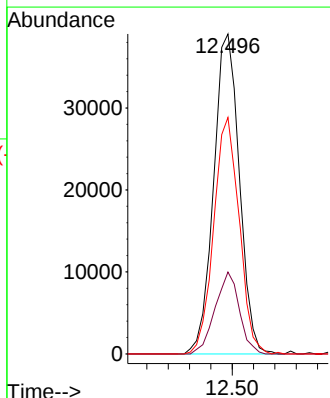
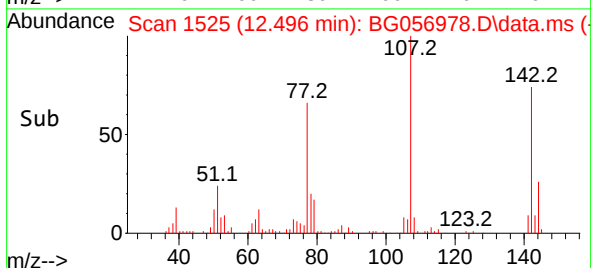
Reviewed By :Christian Giraldo 04/05/2023
 Supervised By :Jagrut Upadhyay 04/05/2023

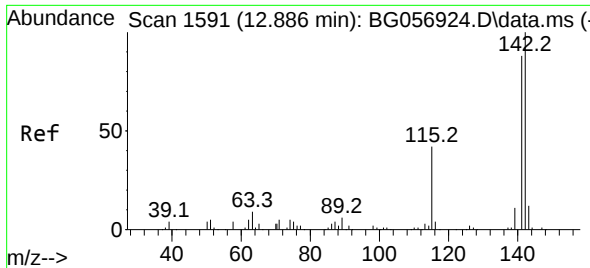


#36
 4-Chloro-3-methylphenol
 Concen: 41.431 ng
 RT: 12.496 min Scan# 1525
 Delta R.T. 0.003 min
 Lab File: BG056978.D
 Acq: 4 Apr 2023 23:46



Tgt Ion:107 Resp: 65423
 Ion Ratio Lower Upper
 107 100
 144 25.6 19.0 28.4
 142 73.9 58.6 88.0





#37
2-Methylnaphthalene
Concen: 41.055 ng
RT: 12.884 min Scan# 1591
Delta R.T. -0.003 min
Lab File: BG056978.D
Acq: 4 Apr 2023 23:46

Instrument :

BNA_G

ClientSampleId :

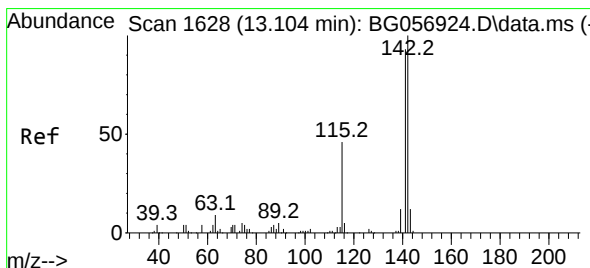
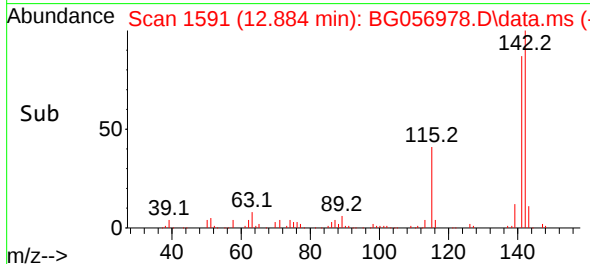
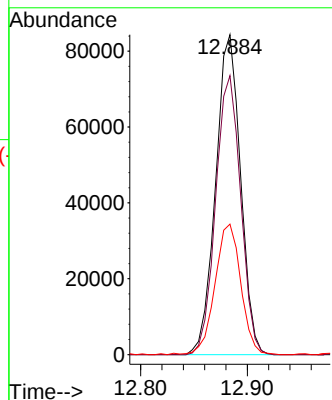
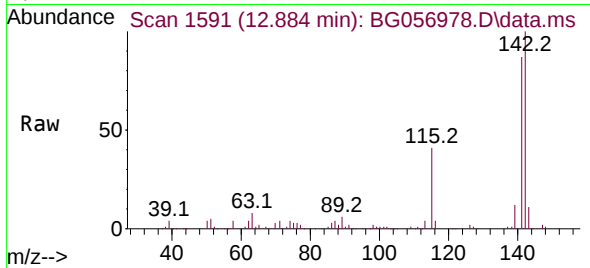
TR-04-040323MS

Tgt Ion:142 Resp: 136939
Ion Ratio Lower Upper
142 100
141 87.2 70.3 105.5
115 40.8 33.5 50.3

Manual Integrations

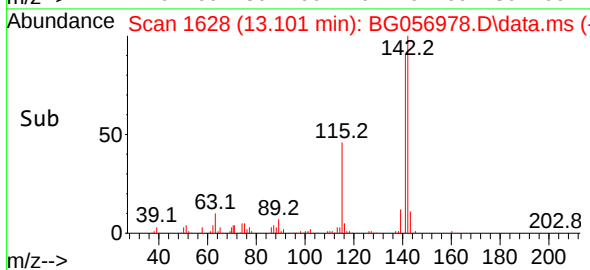
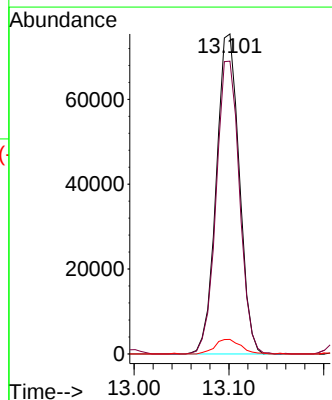
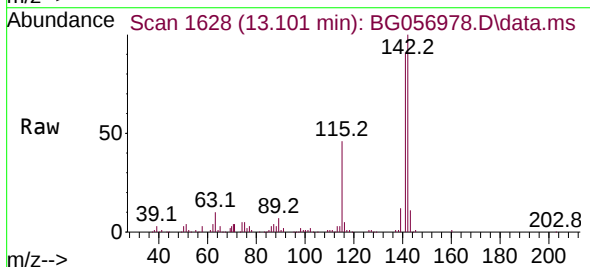
APPROVED

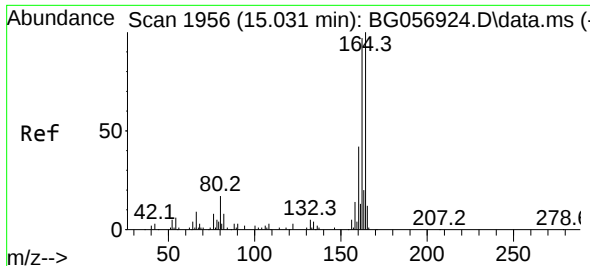
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#38
1-Methylnaphthalene
Concen: 40.442 ng
RT: 13.101 min Scan# 1628
Delta R.T. -0.003 min
Lab File: BG056978.D
Acq: 4 Apr 2023 23:46

Tgt Ion:142 Resp: 126667
Ion Ratio Lower Upper
142 100
141 91.5 74.0 111.0
116 4.5 3.7 5.5





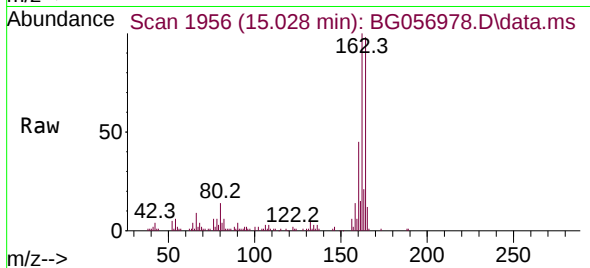
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.028 min Scan# 1956
Delta R.T. -0.003 min
Lab File: BG056978.D
Acq: 4 Apr 2023 23:46

Instrument :

BNA_G

ClientSampleId :

TR-04-040323MS

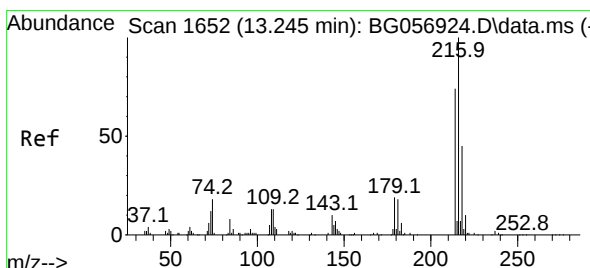
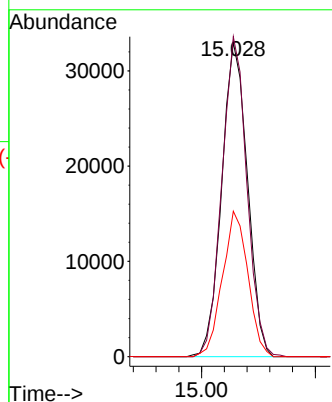
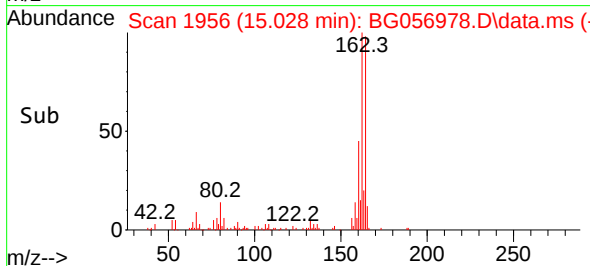


Tgt Ion:164 Resp: 51828
Ion Ratio Lower Upper
164 100
162 101.9 77.8 116.8
160 46.3 33.5 50.3

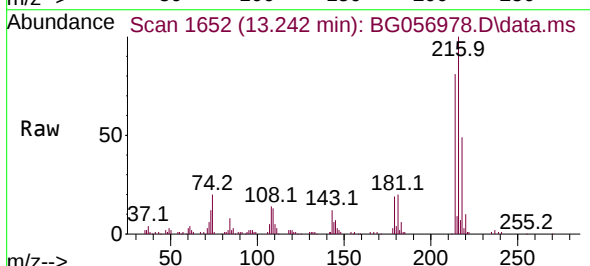
Manual Integrations

APPROVED

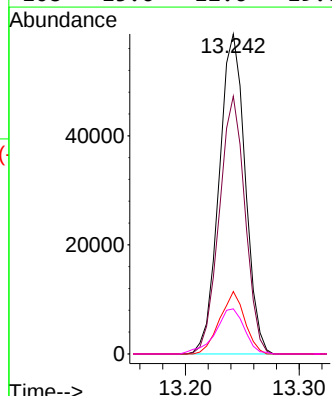
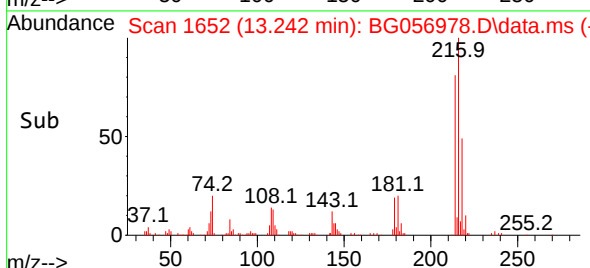
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023

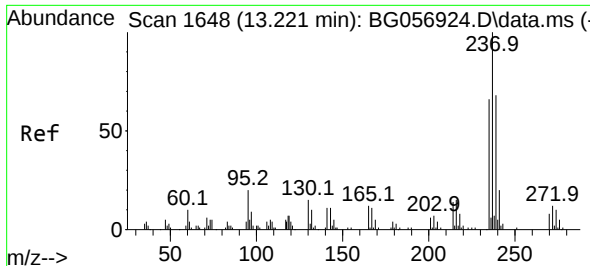


#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.006 ng
RT: 13.242 min Scan# 1652
Delta R.T. -0.003 min
Lab File: BG056978.D
Acq: 4 Apr 2023 23:46



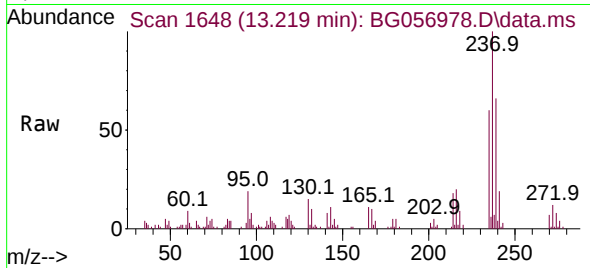
Tgt Ion:216 Resp: 93467
Ion Ratio Lower Upper
216 100
214 79.3 63.3 94.9
179 18.6 15.0 22.6
108 15.6 12.6 19.0





#41
Hexachlorocyclopentadiene
Concen: 43.262 ng
RT: 13.219 min Scan# 1648
Delta R.T. -0.003 min
Lab File: BG056978.D
Acq: 4 Apr 2023 23:46

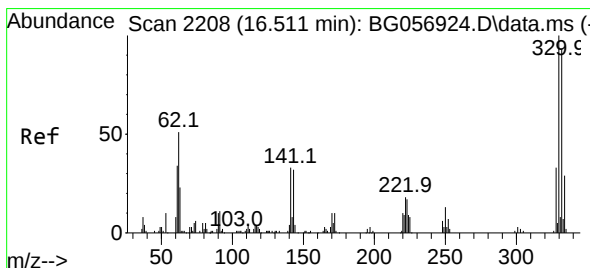
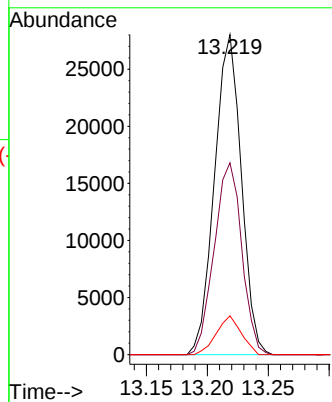
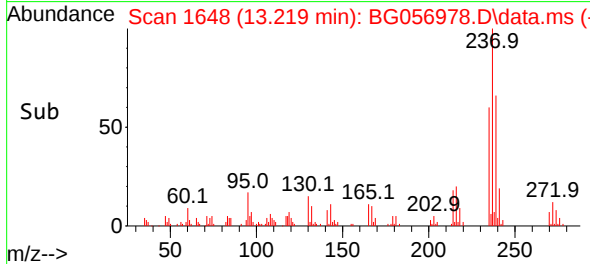
Instrument :
BNA_G
ClientSampleId :
TR-04-040323MS



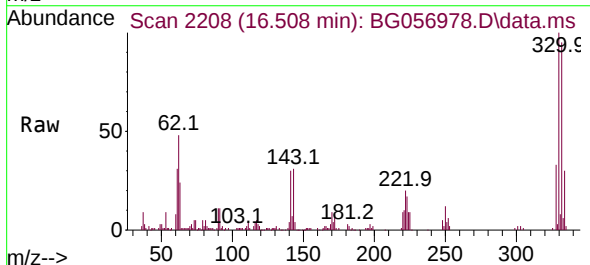
Tgt Ion:237 Resp: 42840
Ion Ratio Lower Upper
237 100
235 59.9 45.9 85.9
272 12.1 0.0 32.3

Manual Integrations
APPROVED

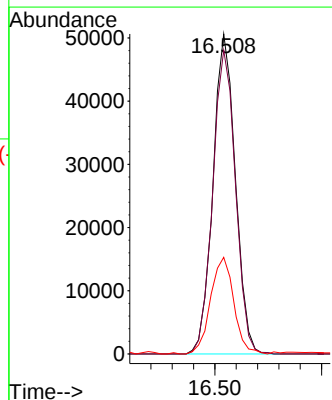
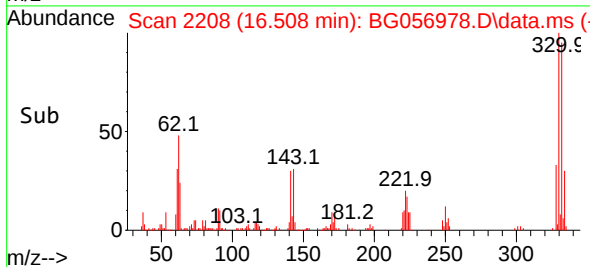
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023

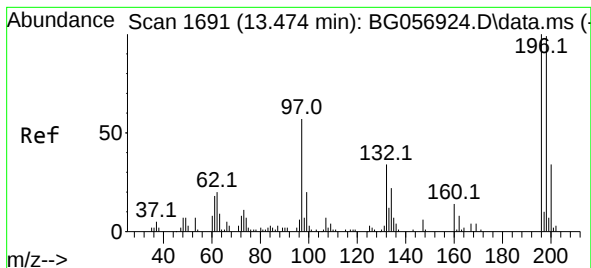


#42
2,4,6-Tribromophenol
Concen: 89.290 ng
RT: 16.508 min Scan# 2208
Delta R.T. -0.003 min
Lab File: BG056978.D
Acq: 4 Apr 2023 23:46



Tgt Ion:330 Resp: 73929
Ion Ratio Lower Upper
330 100
332 96.3 76.1 114.1
141 31.2 25.8 38.6





#43

2,4,6-Trichlorophenol

Concen: 49.322 ng

RT: 13.471 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG056978.D

Acq: 4 Apr 2023 23:46

Instrument :

BNA_G

ClientSampleId :

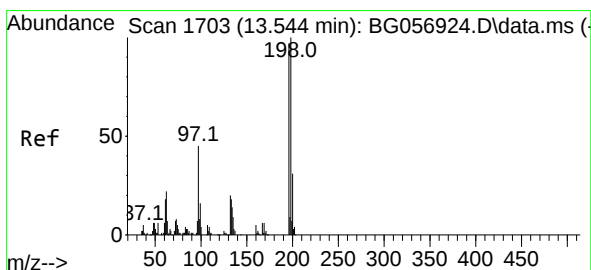
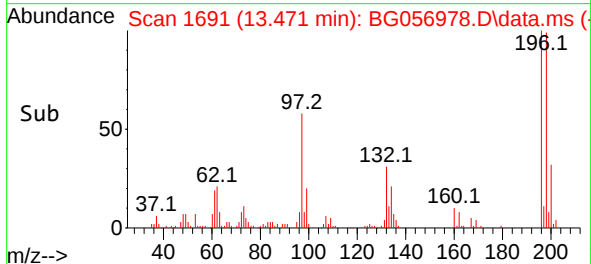
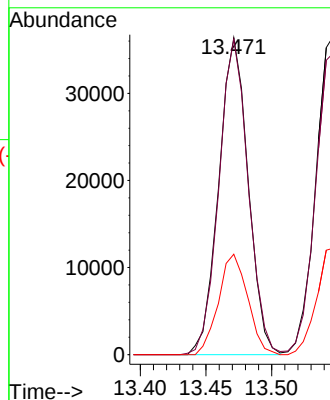
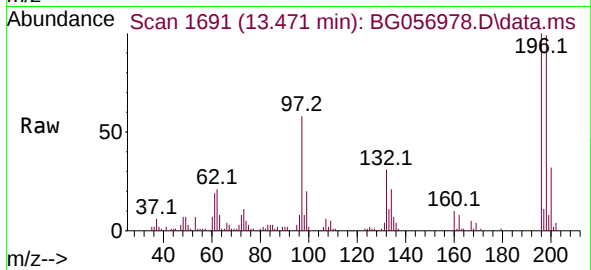
TR-04-040323MS

Tgt Ion:196	Resp:	5656
Ion Ratio	Lower	Upper
196	100	
198	99.5	79.1 118.7
200	31.7	27.2 40.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#44

2,4,5-Trichlorophenol

Concen: 44.515 ng

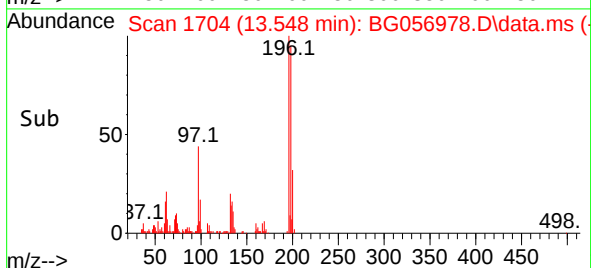
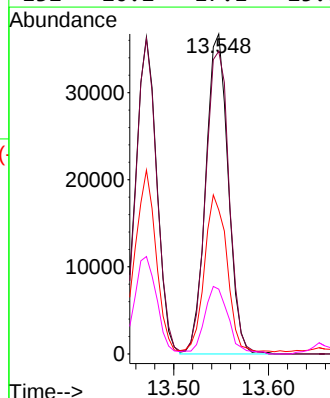
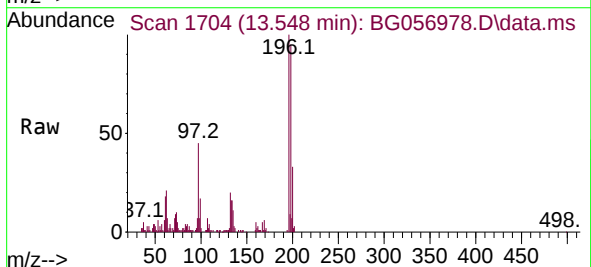
RT: 13.548 min Scan# 1704

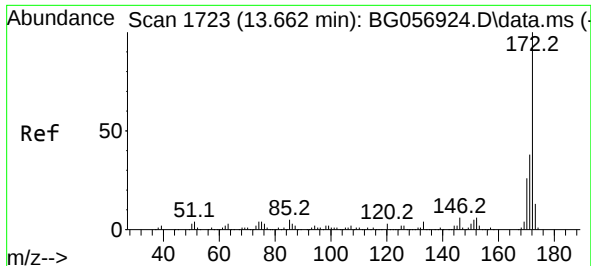
Delta R.T. 0.003 min

Lab File: BG056978.D

Acq: 4 Apr 2023 23:46

Tgt Ion:196	Resp:	60482
Ion Ratio	Lower	Upper
196	100	
198	94.6	82.5 123.7
97	45.0	37.0 55.6
132	20.2	17.1 25.7





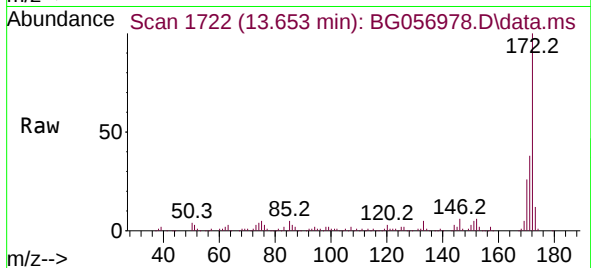
#45
2-Fluorobiphenyl
Concen: 63.650 ng
RT: 13.653 min Scan# 1722
Delta R.T. -0.008 min
Lab File: BG056978.D
Acq: 4 Apr 2023 23:46

Instrument :

BNA_G

ClientSampleId :

TR-04-040323MS

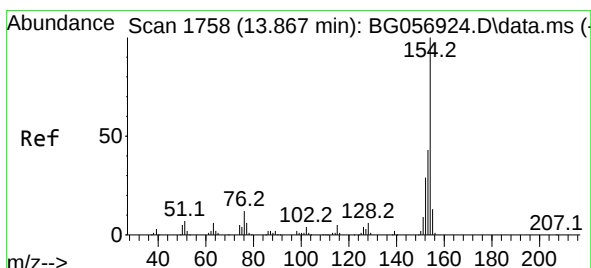
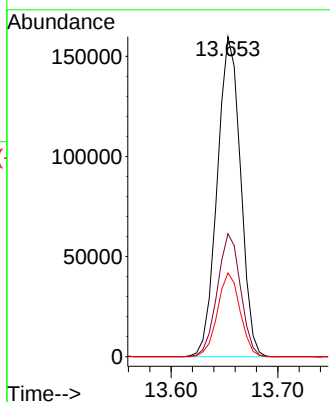
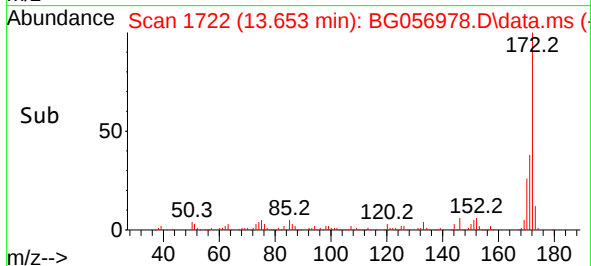


Tgt Ion:172 Resp: 243278
Ion Ratio Lower Upper
172 100
171 38.4 30.6 46.0
170 26.1 20.6 30.8

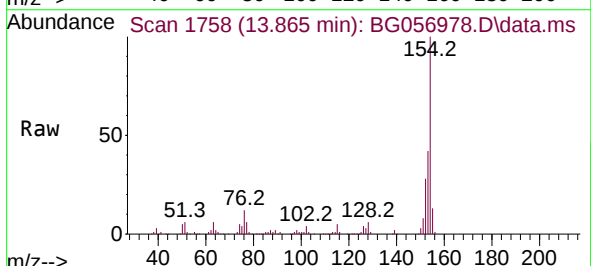
Manual Integrations

APPROVED

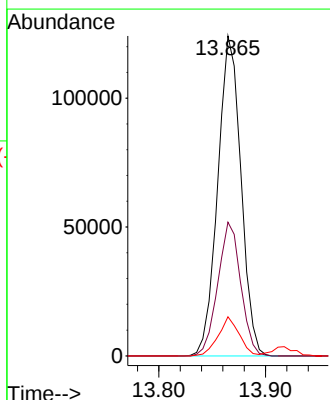
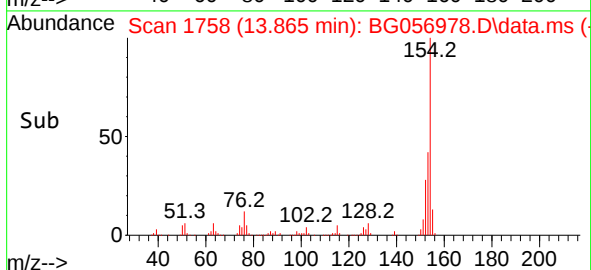
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023

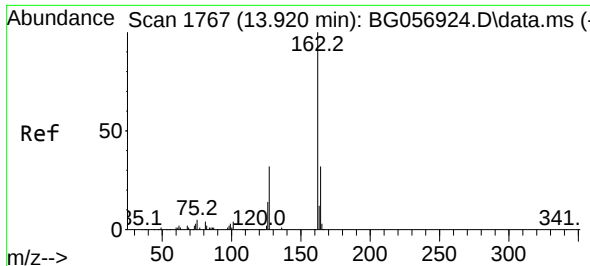


#46
1,1'-Biphenyl
Concen: 49.552 ng
RT: 13.865 min Scan# 1758
Delta R.T. -0.003 min
Lab File: BG056978.D
Acq: 4 Apr 2023 23:46



Tgt Ion:154 Resp: 187998
Ion Ratio Lower Upper
154 100
153 41.8 23.4 63.4
76 12.2 0.0 31.6





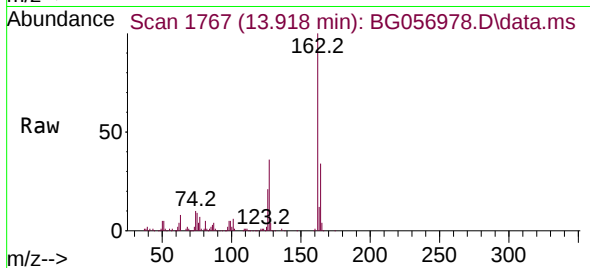
#47
2-Chloronaphthalene
Concen: 49.688 ng
RT: 13.918 min Scan# 1767
Delta R.T. -0.003 min
Lab File: BG056978.D
Acq: 4 Apr 2023 23:46

Instrument :

BNA_G

ClientSampleId :

TR-04-040323MS

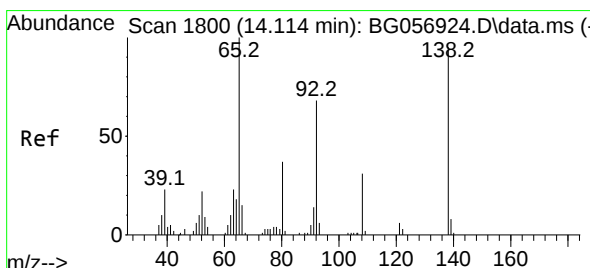
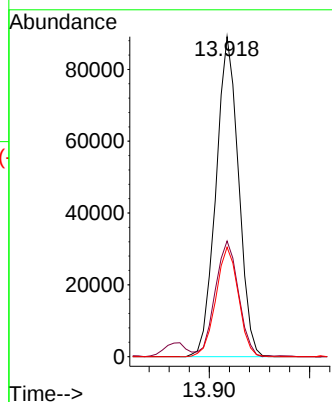
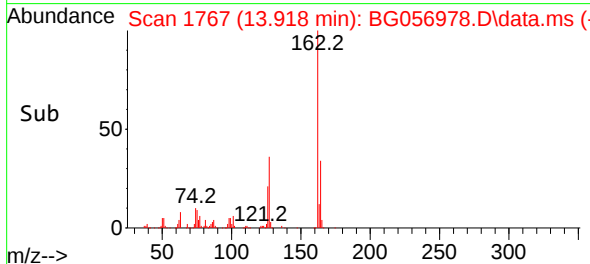


Tgt Ion:162 Resp: 139423
Ion Ratio Lower Upper
162 100
127 36.1 29.5 44.3
164 34.2 25.5 38.3

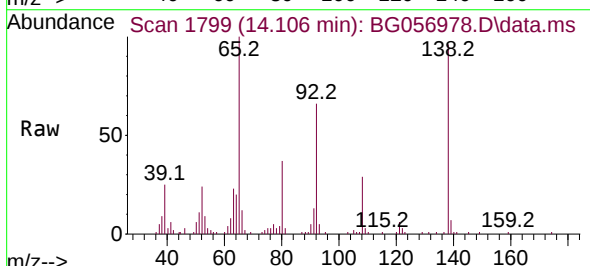
Manual Integrations

APPROVED

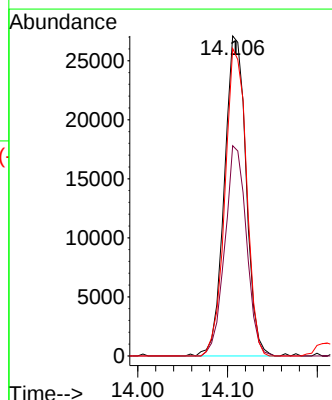
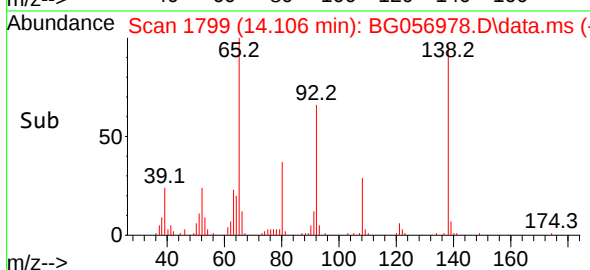
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023

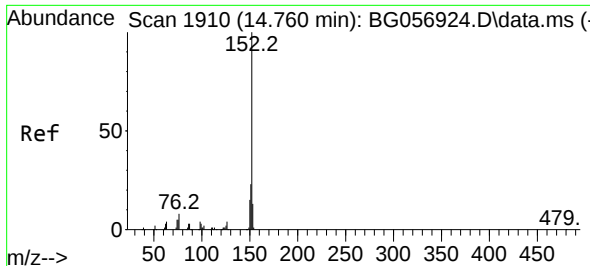


#48
2-Nitroaniline
Concen: 45.578 ng
RT: 14.106 min Scan# 1799
Delta R.T. -0.008 min
Lab File: BG056978.D
Acq: 4 Apr 2023 23:46



Tgt Ion: 65 Resp: 45730
Ion Ratio Lower Upper
65 100
92 65.7 54.3 81.5
138 96.0 76.0 114.0





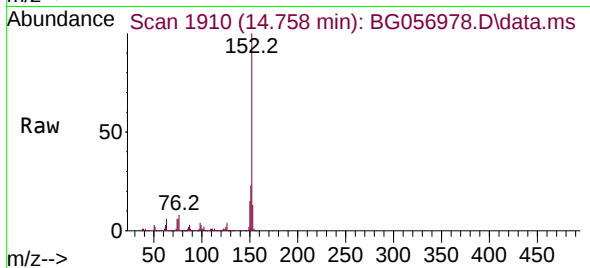
#49
Acenaphthylene
Concen: 45.794 ng
RT: 14.758 min Scan# 1910
Delta R.T. -0.003 min
Lab File: BG056978.D
Acq: 4 Apr 2023 23:46

Instrument :

BNA_G

ClientSampleId :

TR-04-040323MS

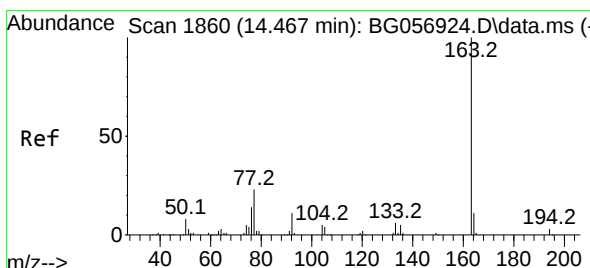
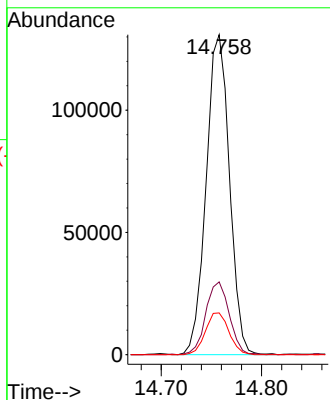
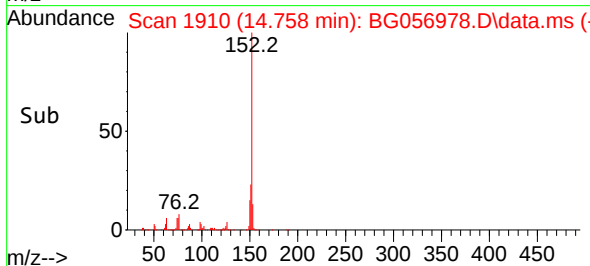


Tgt Ion:152 Resp: 211126
Ion Ratio Lower Upper
152 100
151 22.7 18.2 27.2
153 13.0 10.5 15.7

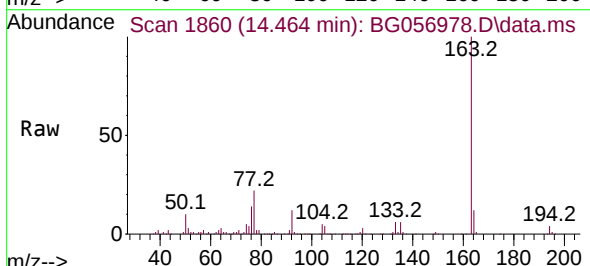
Manual Integrations

APPROVED

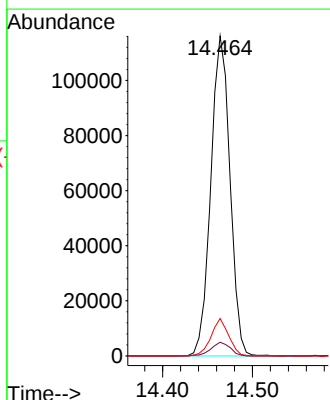
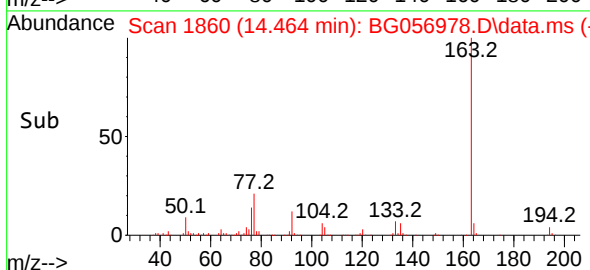
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023

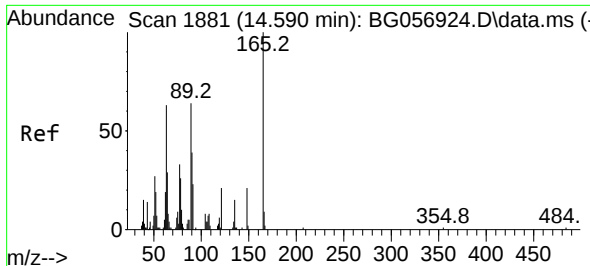


#50
Dimethylphthalate
Concen: 42.133 ng
RT: 14.464 min Scan# 1860
Delta R.T. -0.003 min
Lab File: BG056978.D
Acq: 4 Apr 2023 23:46



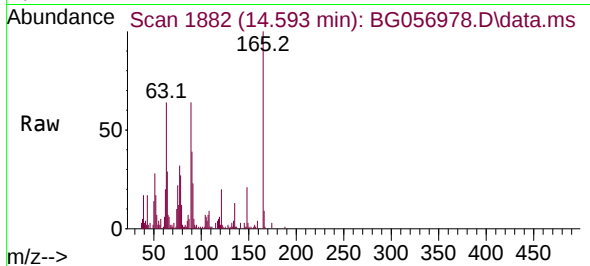
Tgt Ion:163 Resp: 172057
Ion Ratio Lower Upper
163 100
194 4.3 2.8 4.2#
164 11.7 8.8 13.2





#51
2,6-Dinitrotoluene
Concen: 42.946 ng
RT: 14.593 min Scan# 1881
Delta R.T. 0.003 min
Lab File: BG056978.D
Acq: 4 Apr 2023 23:46

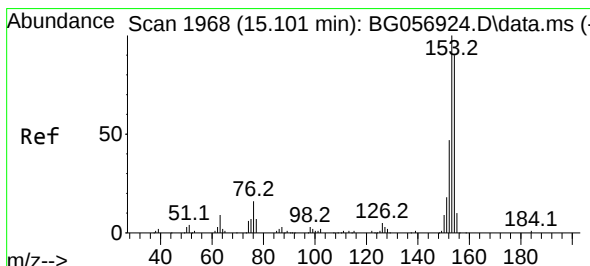
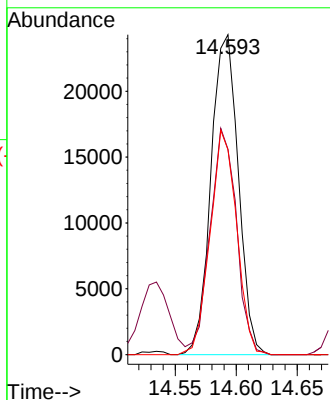
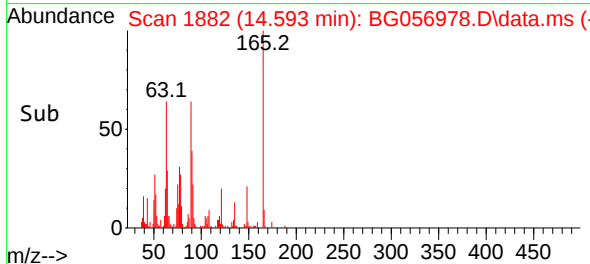
Instrument :
BNA_G
ClientSampleId :
TR-04-040323MS



Tgt Ion:165 Resp: 37892
Ion Ratio Lower Upper
165 100
63 64.2 53.0 79.6
89 64.0 51.0 76.4

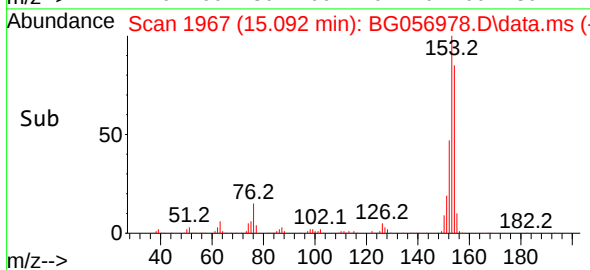
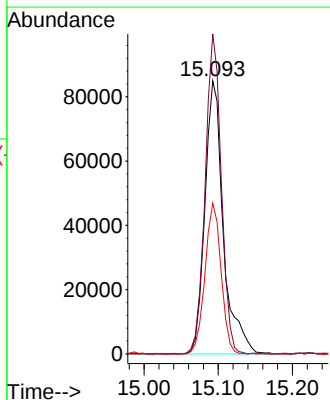
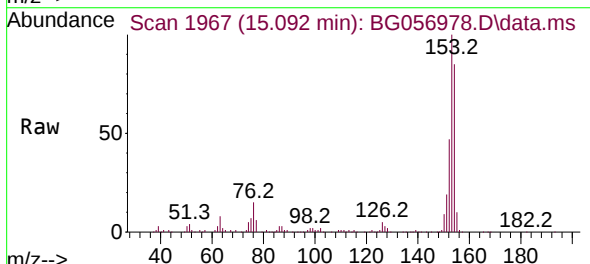
Manual Integrations
APPROVED

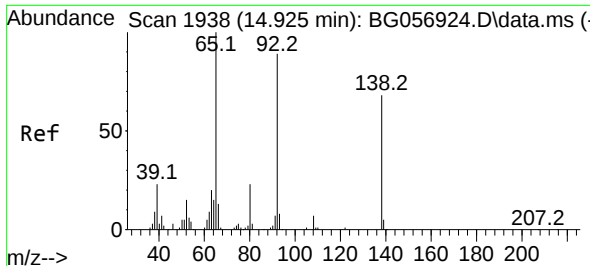
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#52
Acenaphthene
Concen: 46.055 ng
RT: 15.092 min Scan# 1967
Delta R.T. -0.009 min
Lab File: BG056978.D
Acq: 4 Apr 2023 23:46

Tgt Ion:154 Resp: 146438
Ion Ratio Lower Upper
154 100
153 117.2 88.9 133.3
152 55.1 41.8 62.8





#53
3-Nitroaniline
Concen: 27.890 ng
RT: 14.922 min Scan# 1938
Delta R.T. -0.003 min
Lab File: BG056978.D
Acq: 4 Apr 2023 23:46

Instrument :

BNA_G

ClientSampleId :

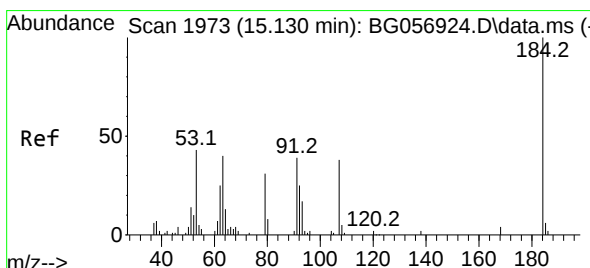
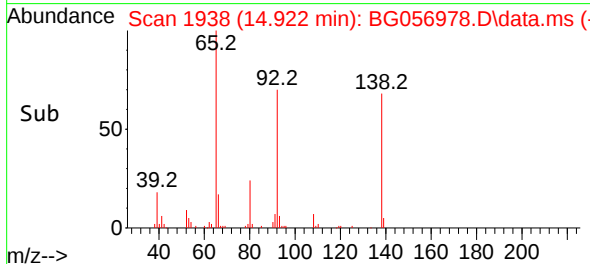
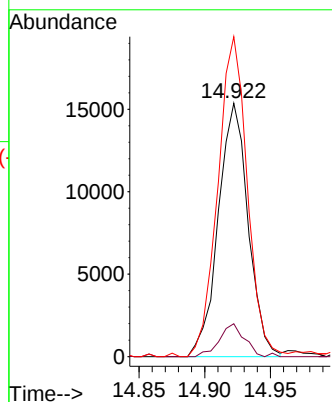
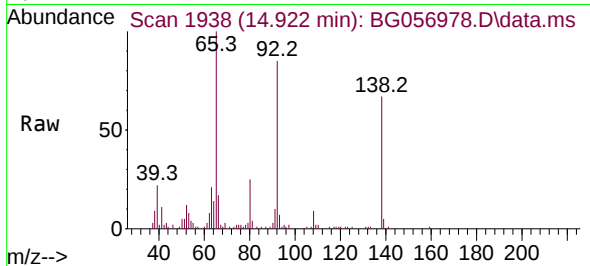
TR-04-040323MS

Tgt Ion:138 Resp: 24352
Ion Ratio Lower Upper
138 100
108 13.0 8.2 12.2
92 126.3 105.2 157.8

Manual Integrations

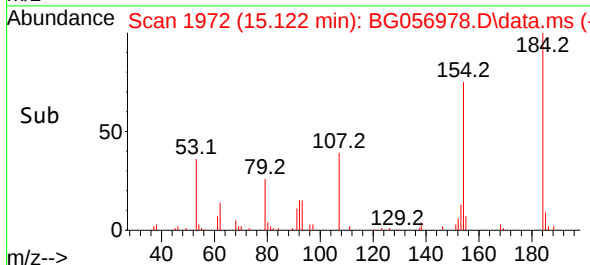
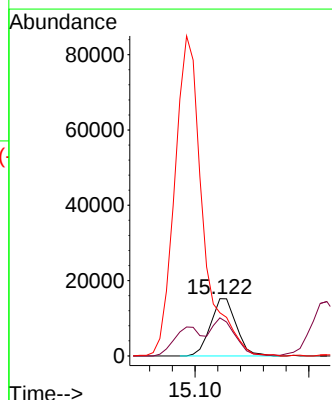
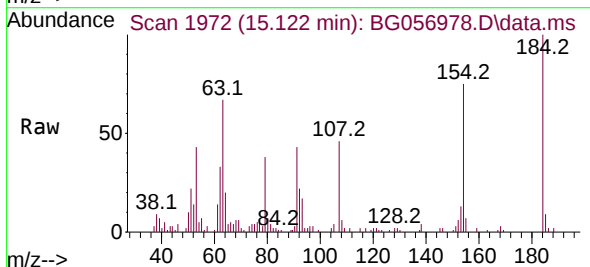
APPROVED

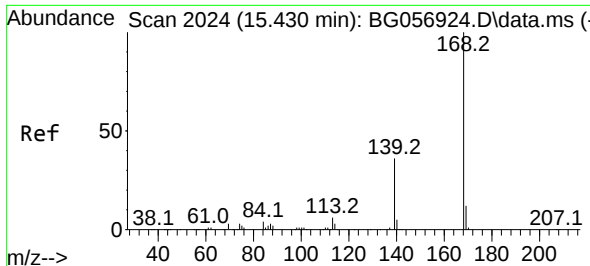
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#54
2,4-Dinitrophenol
Concen: 48.070 ng
RT: 15.122 min Scan# 1972
Delta R.T. -0.009 min
Lab File: BG056978.D
Acq: 4 Apr 2023 23:46

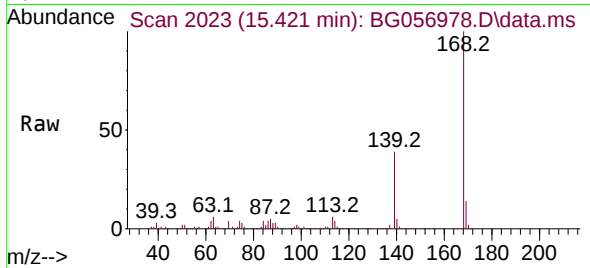
Tgt Ion:184 Resp: 23873
Ion Ratio Lower Upper
184 100
63 66.6 46.5 69.7
154 75.4 53.5 80.3





#55
Dibenzenofuran
Concen: 44.260 ng
RT: 15.421 min Scan# 2024
Delta R.T. -0.009 min
Lab File: BG056978.D
Acq: 4 Apr 2023 23:46

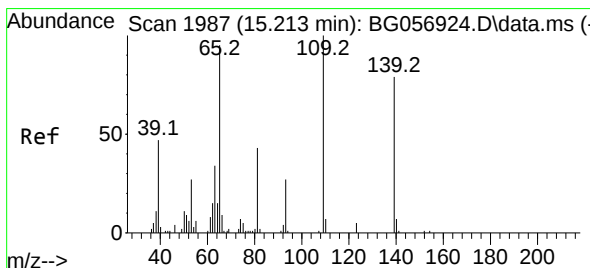
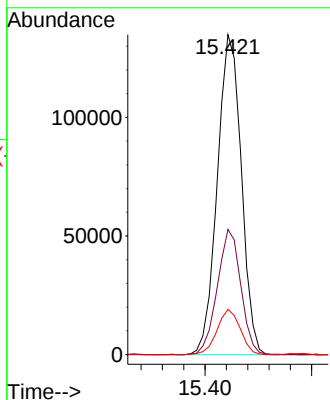
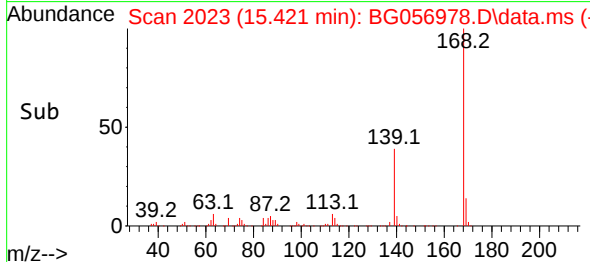
Instrument :
BNA_G
ClientSampleId :
TR-04-040323MS



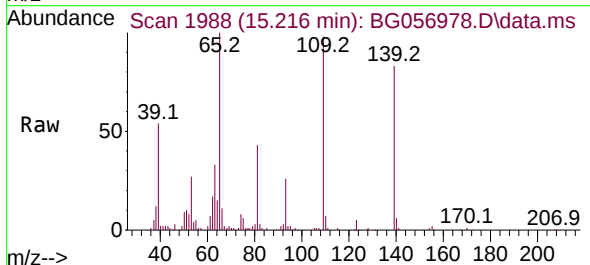
Tgt Ion:168 Resp: 211218
Ion Ratio Lower Upper
168 100
139 39.1 28.9 43.3
169 14.1 9.8 14.6

Manual Integrations
APPROVED

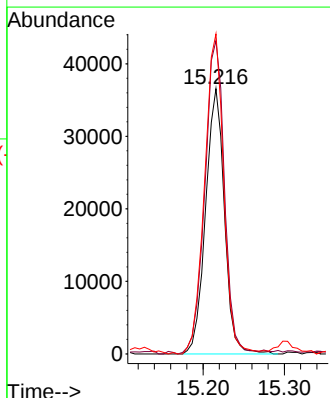
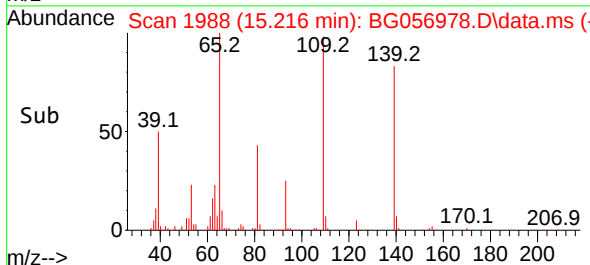
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023

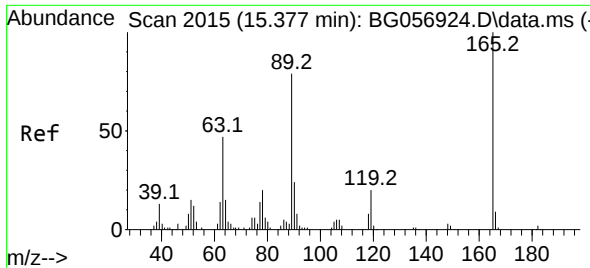


#56
4-Nitrophenol
Concen: 91.277 ng
RT: 15.216 min Scan# 1988
Delta R.T. 0.003 min
Lab File: BG056978.D
Acq: 4 Apr 2023 23:46



Tgt Ion:139 Resp: 58947
Ion Ratio Lower Upper
139 100
109 118.1 106.7 146.7
65 120.6 100.5 140.5





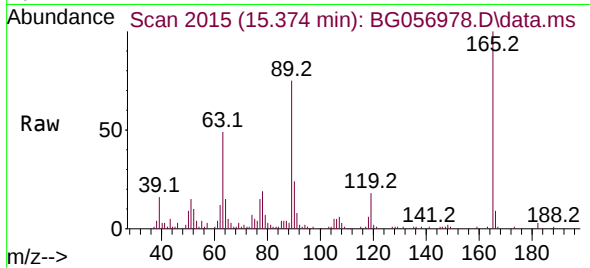
#57
2,4-Dinitrotoluene
Concen: 42.198 ng
RT: 15.374 min Scan# 2015
Delta R.T. -0.003 min
Lab File: BG056978.D
Acq: 4 Apr 2023 23:46

Instrument :

BNA_G

ClientSampleId :

TR-04-040323MS

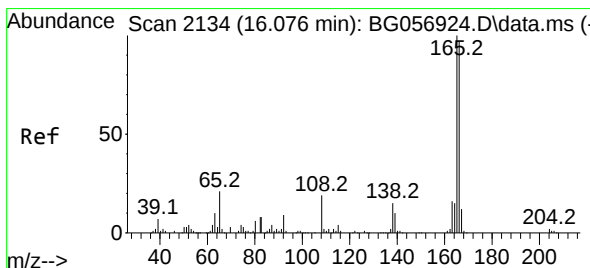
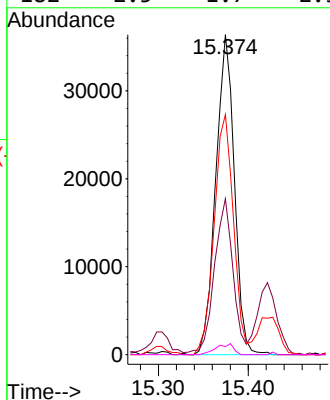
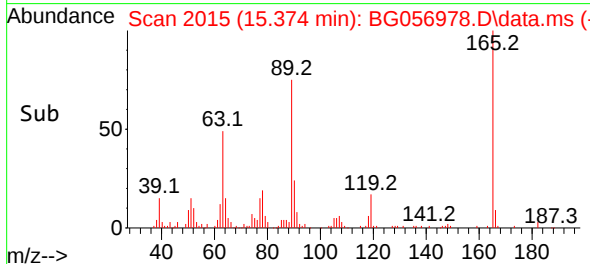


Tgt Ion:165 Resp: 52512
Ion Ratio Lower Upper
165 100
63 48.7 37.7 56.5
89 75.0 63.2 94.8
182 2.5 1.7 2.5#

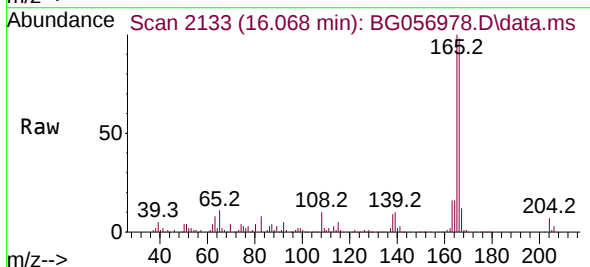
Manual Integrations

APPROVED

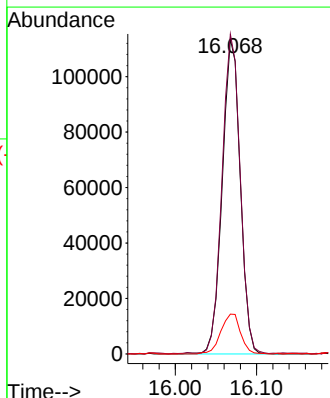
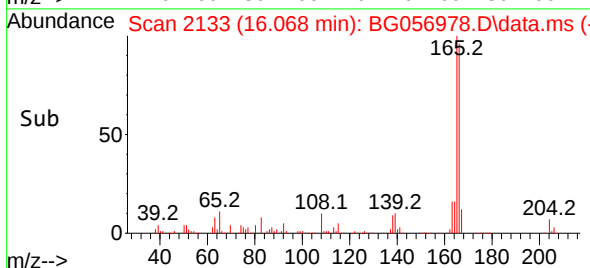
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023

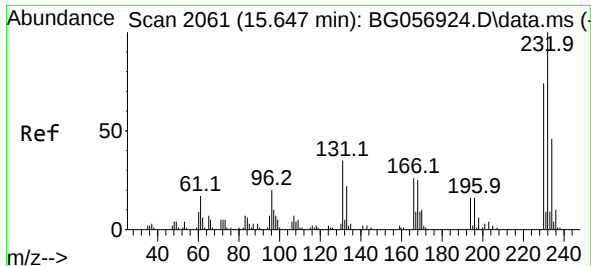


#58
Fluorene
Concen: 44.051 ng
RT: 16.068 min Scan# 2133
Delta R.T. -0.008 min
Lab File: BG056978.D
Acq: 4 Apr 2023 23:46



Tgt Ion:166 Resp: 173954
Ion Ratio Lower Upper
166 100
165 101.6 82.6 123.8
167 12.6 10.2 15.2





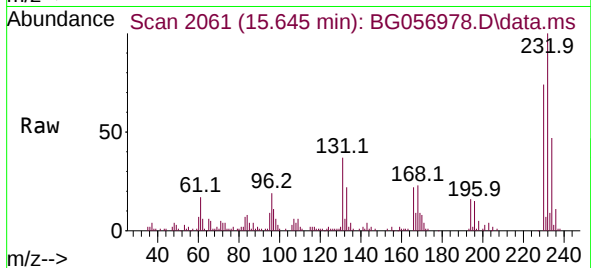
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.257 ng m
RT: 15.645 min Scan# 2061
Delta R.T. -0.003 min
Lab File: BG056978.D
Acq: 4 Apr 2023 23:46

Instrument :

BNA_G

ClientSampleId :

TR-04-040323MS

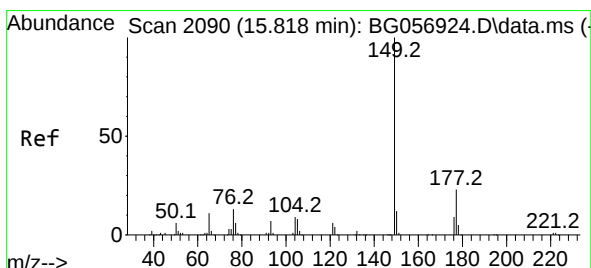
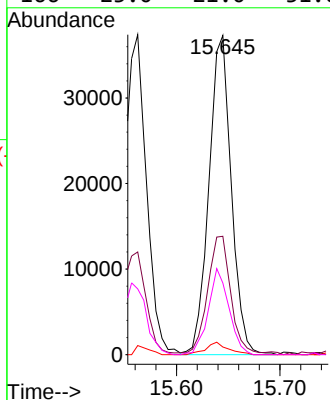
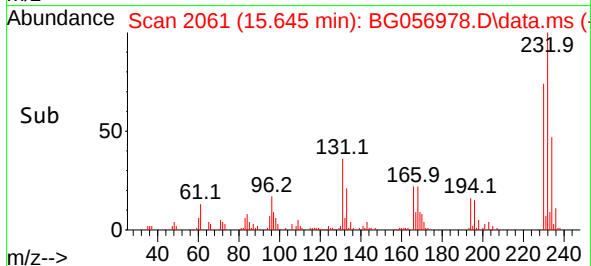


Tgt Ion:232 Resp: 55986
Ion Ratio Lower Upper
232 100
131 34.7 29.3 43.9
130 1.7 1.7 2.5
166 23.0 21.0 31.6

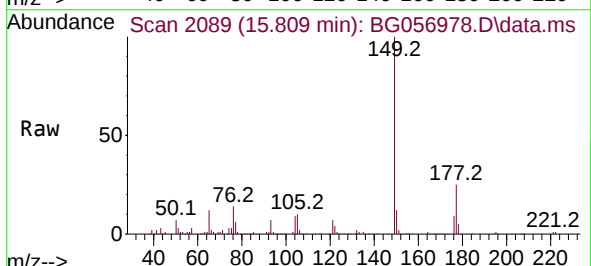
Manual Integrations

APPROVED

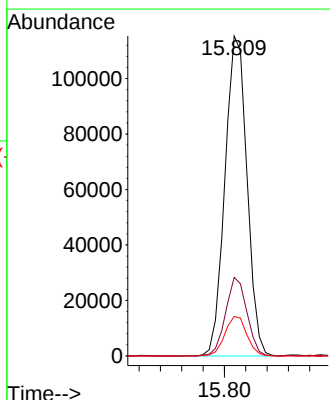
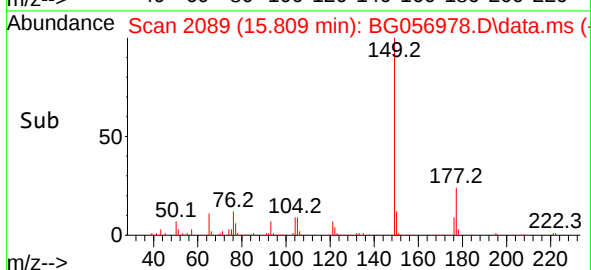
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023

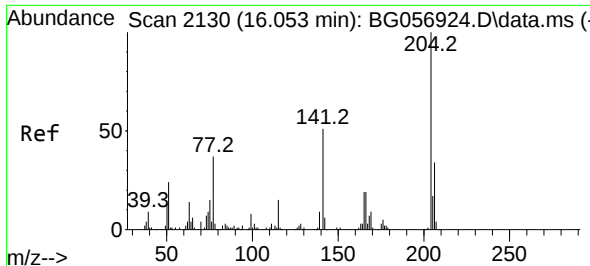


#60
Diethylphthalate
Concen: 40.455 ng
RT: 15.809 min Scan# 2089
Delta R.T. -0.009 min
Lab File: BG056978.D
Acq: 4 Apr 2023 23:46



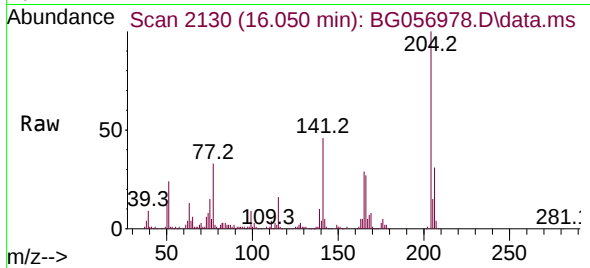
Tgt Ion:149 Resp: 165616
Ion Ratio Lower Upper
149 100
177 24.5 18.8 28.2
150 12.3 9.4 14.2





#61
4-Chlorophenyl-phenylether
Concen: 42.794 ng
RT: 16.050 min Scan# 2130
Delta R.T. -0.003 min
Lab File: BG056978.D
Acq: 4 Apr 2023 23:46

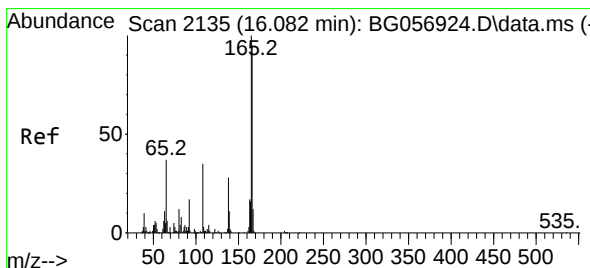
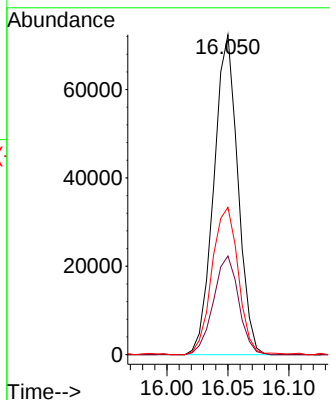
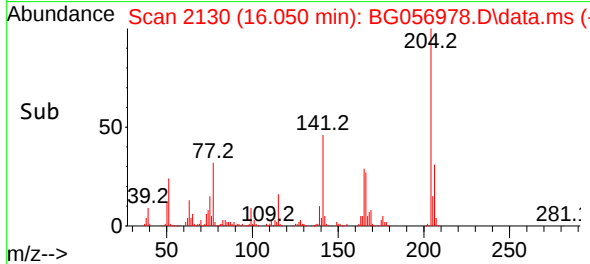
Instrument :
BNA_G
ClientSampleId :
TR-04-040323MS



Tgt Ion:204 Resp: 99220
Ion Ratio Lower Upper
204 100
206 30.8 27.2 40.8
141 46.0 40.7 61.1

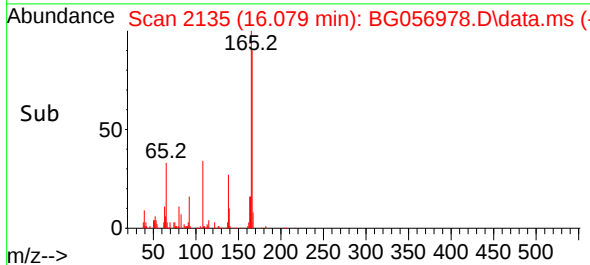
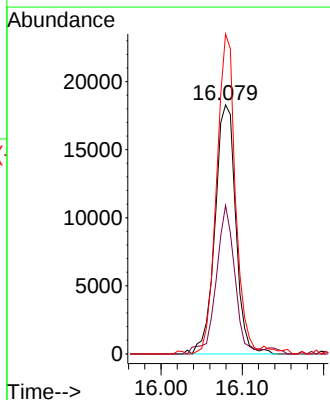
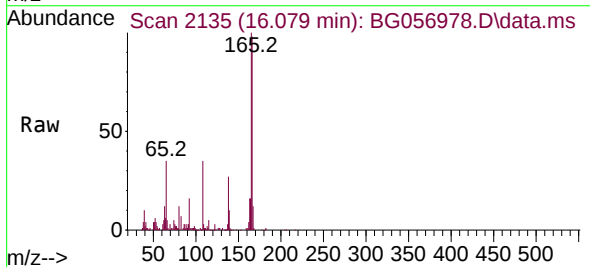
Manual Integrations
APPROVED

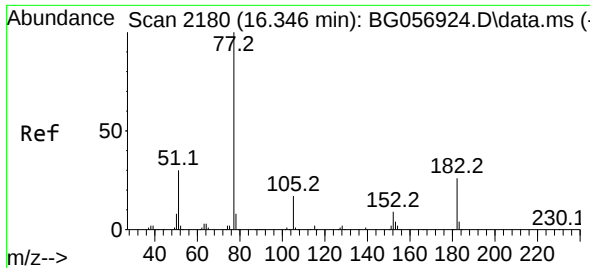
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#62
4-Nitroaniline
Concen: 35.799 ng
RT: 16.079 min Scan# 2135
Delta R.T. -0.003 min
Lab File: BG056978.D
Acq: 4 Apr 2023 23:46

Tgt Ion:138 Resp: 32392
Ion Ratio Lower Upper
138 100
92 59.6 40.9 80.9
108 128.5 104.3 144.3





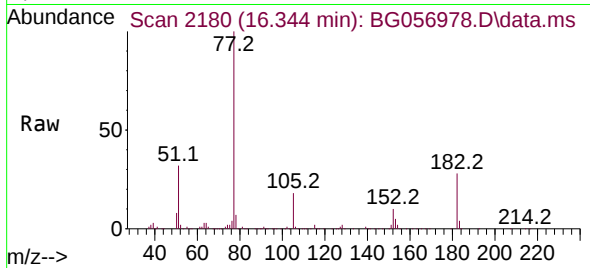
#63
Azobenzene
Concen: 43.072 ng
RT: 16.344 min Scan# 2180
Delta R.T. -0.003 min
Lab File: BG056978.D
Acq: 4 Apr 2023 23:46

Instrument :

BNA_G

ClientSampleId :

TR-04-040323MS

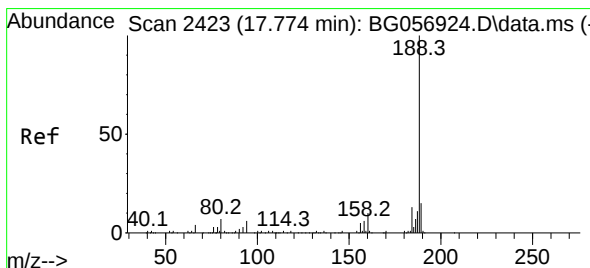
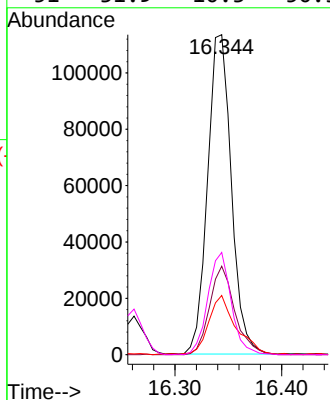
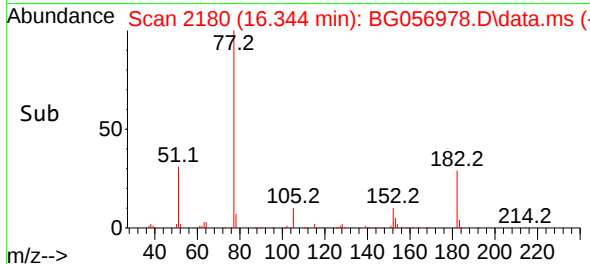


Tgt Ion: 77 Resp: 175730
Ion Ratio Lower Upper
77 100
182 27.6 5.9 45.9
105 18.5 0.0 36.8
51 31.9 10.3 50.3

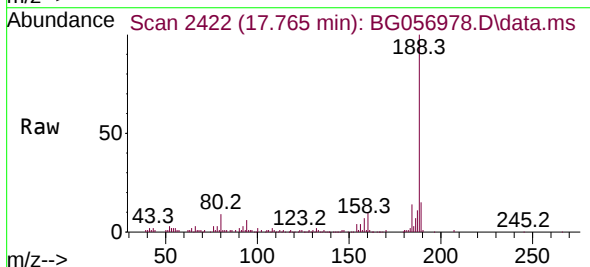
Manual Integrations

APPROVED

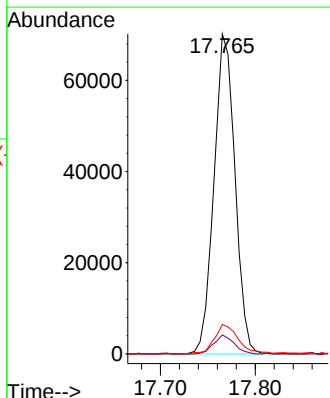
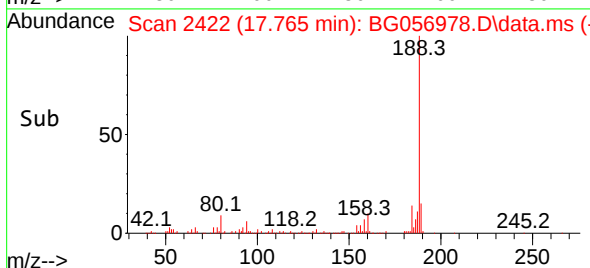
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023

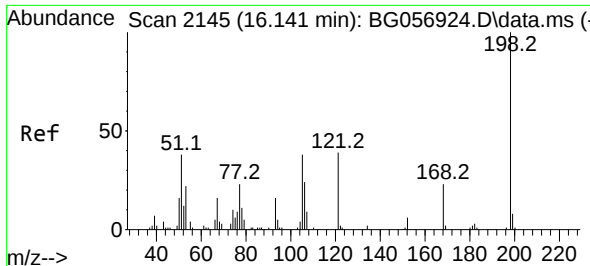


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.765 min Scan# 2422
Delta R.T. -0.009 min
Lab File: BG056978.D
Acq: 4 Apr 2023 23:46



Tgt Ion:188 Resp: 107751
Ion Ratio Lower Upper
188 100
94 5.9 4.6 6.8
80 9.2 5.5 8.3





#65
4,6-Dinitro-2-methylphenol
Concen: 25.518 ng
RT: 16.132 min Scan# 2145
Delta R.T. -0.009 min
Lab File: BG056978.D
Acq: 4 Apr 2023 23:46

Instrument :

BNA_G

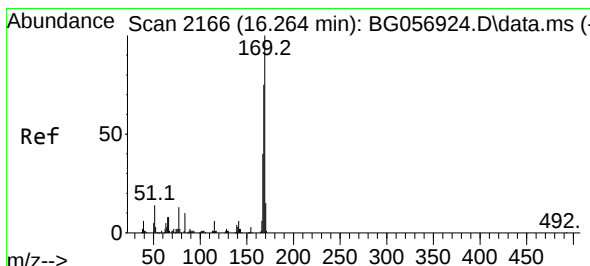
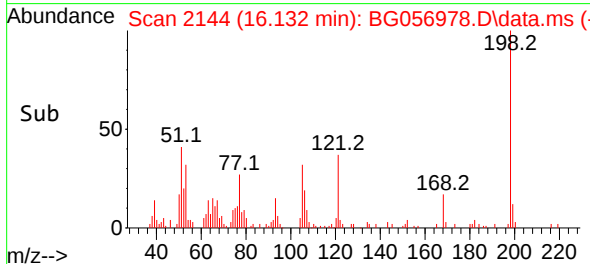
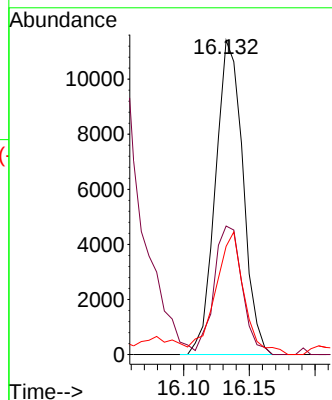
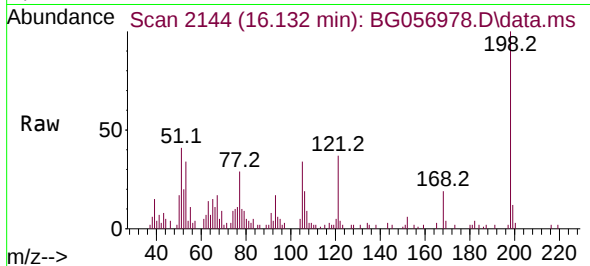
ClientSampleId :

TR-04-040323MS

Tgt Ion:198 Resp: 16653
Ion Ratio Lower Upper
198 100
51 40.9 20.5 60.5
105 34.4 18.1 58.1

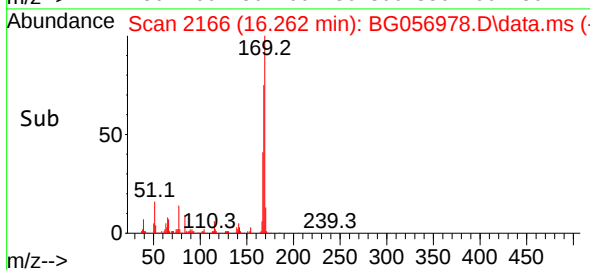
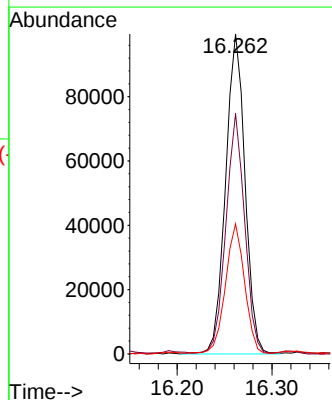
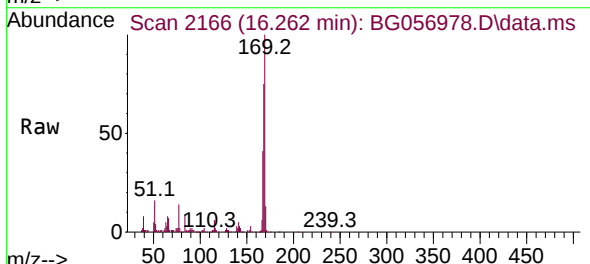
Manual Integrations
APPROVED

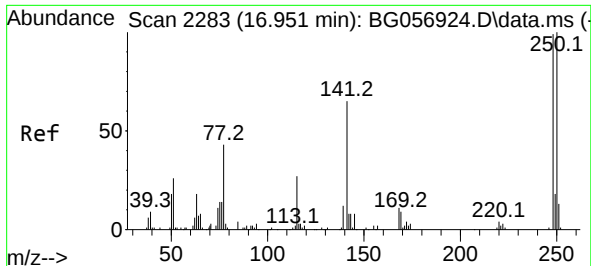
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#66
n-Nitrosodiphenylamine
Concen: 49.007 ng
RT: 16.262 min Scan# 2166
Delta R.T. -0.003 min
Lab File: BG056978.D
Acq: 4 Apr 2023 23:46

Tgt Ion:169 Resp: 141754
Ion Ratio Lower Upper
169 100
168 75.1 59.6 89.4
167 40.6 31.8 47.8





#67
4-Bromophenyl-phenylether
Concen: 47.855 ng
RT: 16.943 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG056978.D
Acq: 4 Apr 2023 23:46

Instrument :

BNA_G

ClientSampleId :

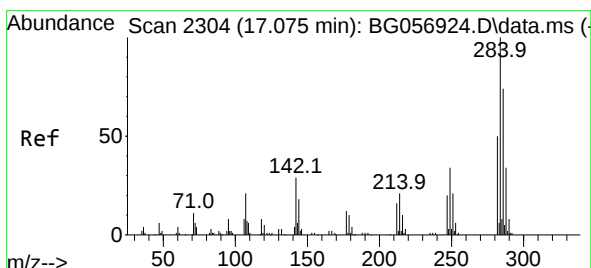
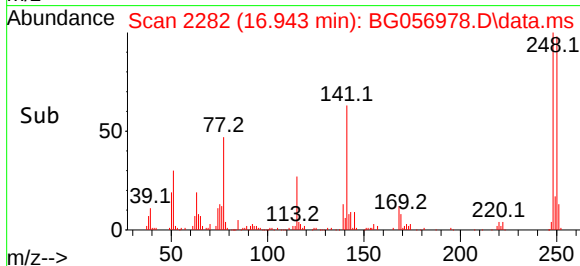
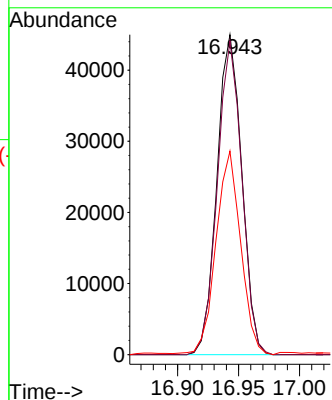
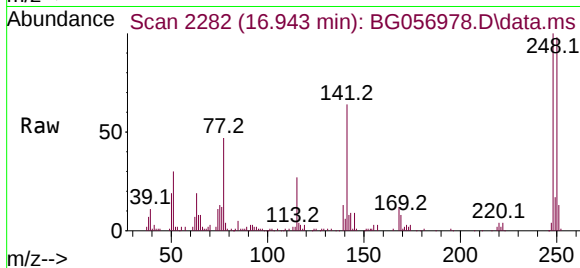
TR-04-040323MS

Tgt Ion:248 Resp: 63801
Ion Ratio Lower Upper
248 100
250 98.0 80.5 120.7
141 63.6 52.0 78.0

Manual Integrations

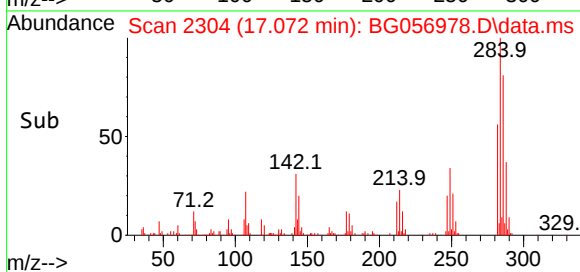
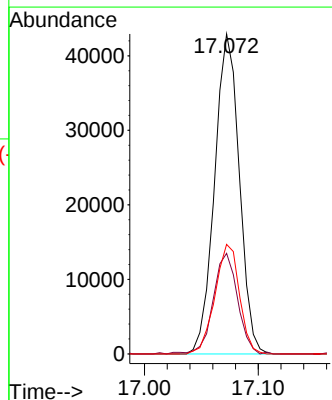
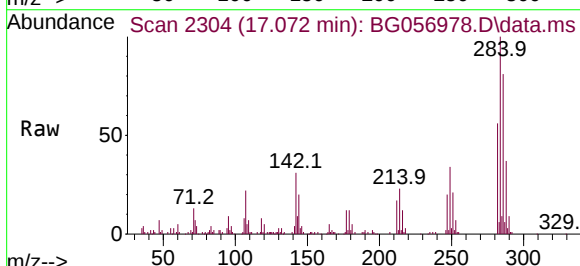
APPROVED

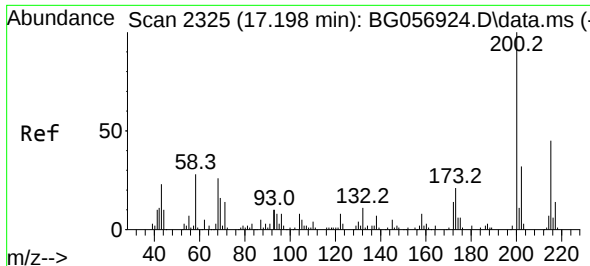
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#68
Hexachlorobenzene
Concen: 49.146 ng
RT: 17.072 min Scan# 2304
Delta R.T. -0.003 min
Lab File: BG056978.D
Acq: 4 Apr 2023 23:46

Tgt Ion:284 Resp: 64779
Ion Ratio Lower Upper
284 100
142 31.4 23.0 34.4
249 34.2 27.1 40.7





#69
 Atrazine
 Concen: 48.450 ng
 RT: 17.196 min Scan# 2325
 Delta R.T. -0.003 min
 Lab File: BG056978.D
 Acq: 4 Apr 2023 23:46

Instrument :

BNA_G

ClientSampleId :

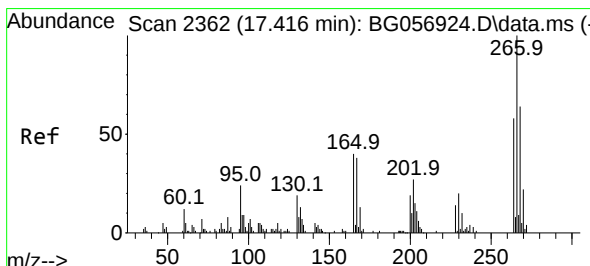
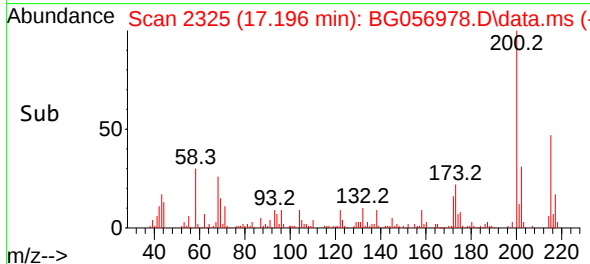
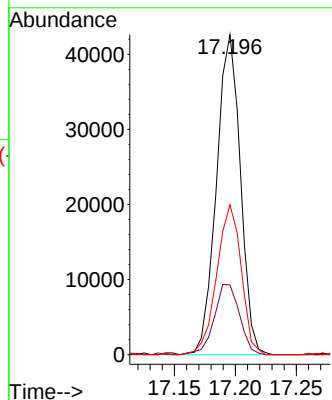
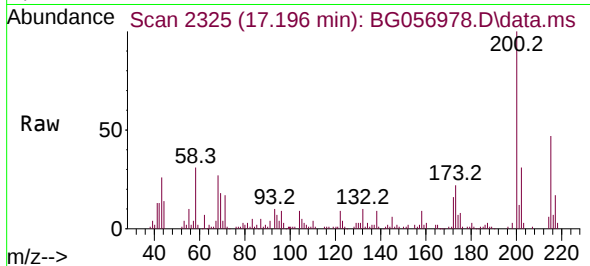
TR-04-040323MS

Tgt Ion:200 Resp: 58173
 Ion Ratio Lower Upper
 200 100
 173 21.8 1.0 41.0
 215 46.8 25.0 65.0

Manual Integrations

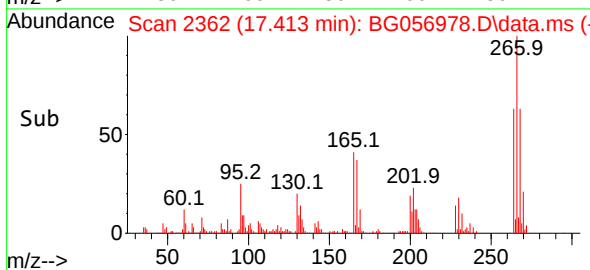
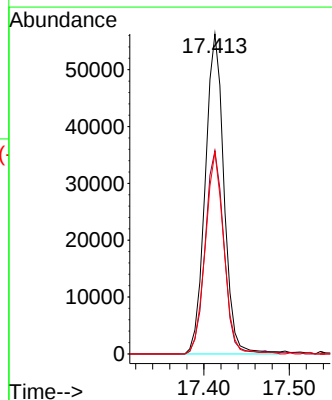
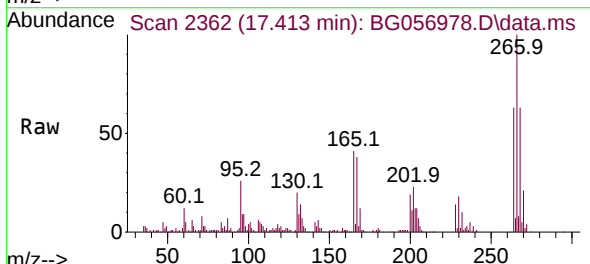
APPROVED

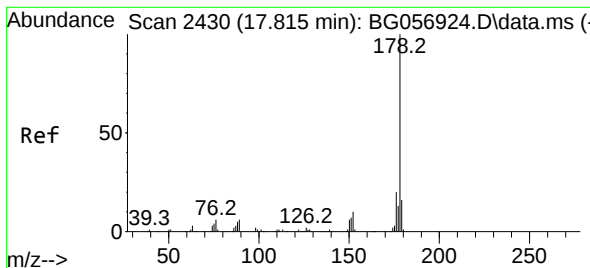
Reviewed By :Christian Giraldo 04/05/2023
 Supervised By :Jagrut Upadhyay 04/05/2023



#70
 Pentachlorophenol
 Concen: 90.876 ng
 RT: 17.413 min Scan# 2362
 Delta R.T. -0.003 min
 Lab File: BG056978.D
 Acq: 4 Apr 2023 23:46

Tgt Ion:266 Resp: 85934
 Ion Ratio Lower Upper
 266 100
 268 63.5 51.0 76.6
 264 63.0 46.8 70.2





#71

Phenanthrene

Concen: 56.122 ng

RT: 17.812 min Scan# 2430

Delta R.T. -0.003 min

Lab File: BG056978.D

Acq: 4 Apr 2023 23:46

Instrument :

BNA_G

ClientSampleId :

TR-04-040323MS

Tgt Ion:178 Resp: 30831

Ion Ratio Lower Upper

178 100

176 20.2 16.2 24.2

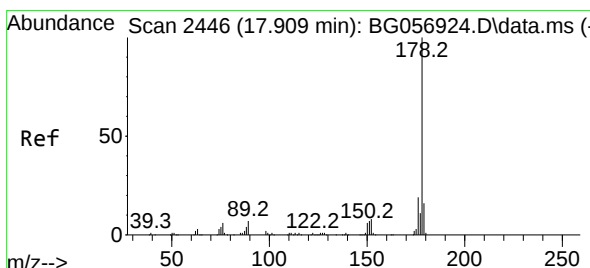
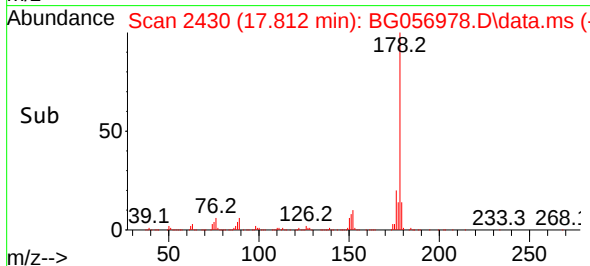
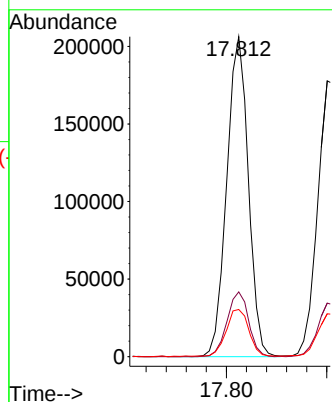
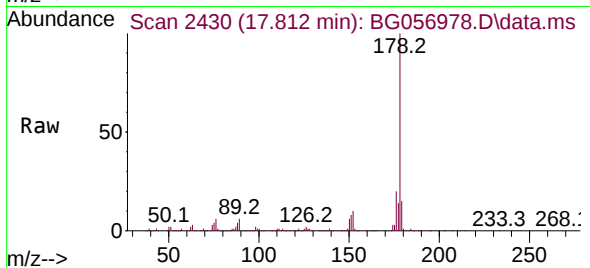
179 14.7 12.5 18.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/05/2023

Supervised By :Jagrut Upadhyay 04/05/2023



#72

Anthracene

Concen: 49.730 ng

RT: 17.900 min Scan# 2445

Delta R.T. -0.009 min

Lab File: BG056978.D

Acq: 4 Apr 2023 23:46

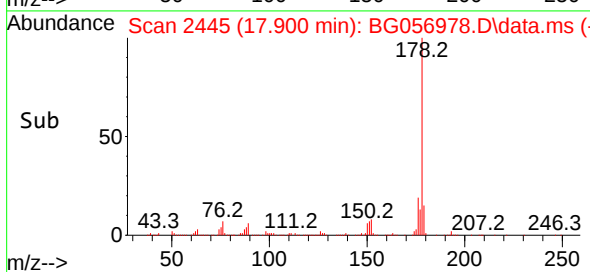
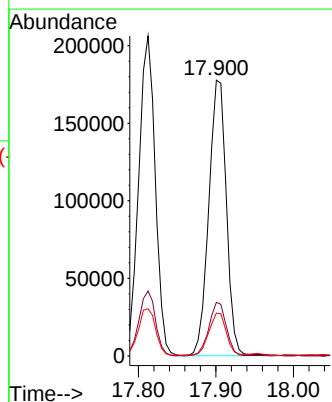
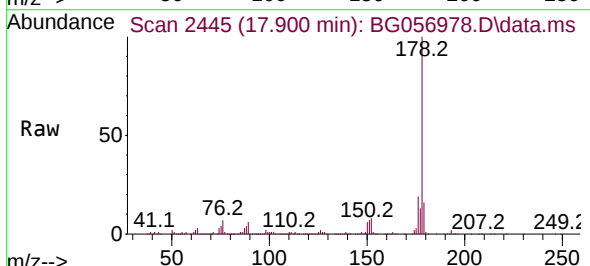
Tgt Ion:178 Resp: 280063

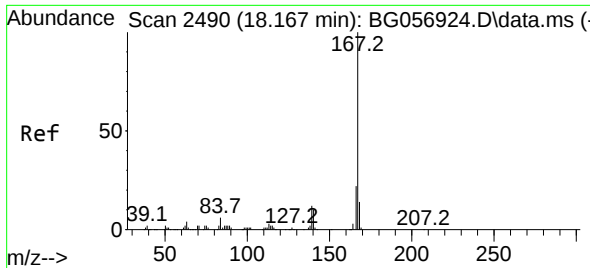
Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

179 15.5 12.4 18.6





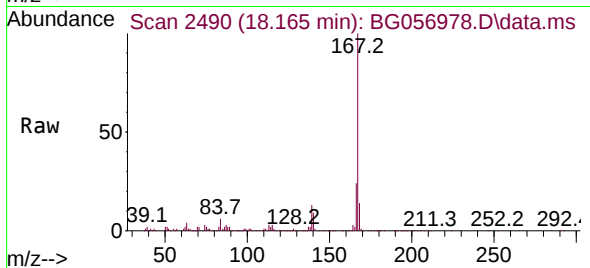
#73
 Carbazole
 Concen: 46.315 ng
 RT: 18.165 min Scan# 2490
 Delta R.T. -0.003 min
 Lab File: BG056978.D
 Acq: 4 Apr 2023 23:46

Instrument :

BNA_G

ClientSampleId :

TR-04-040323MS

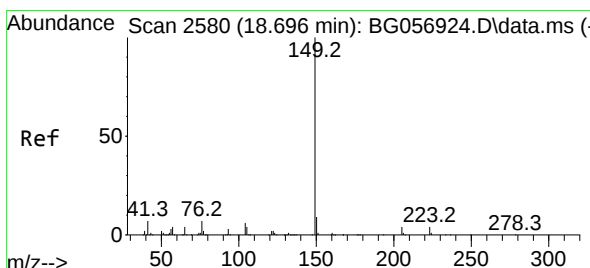
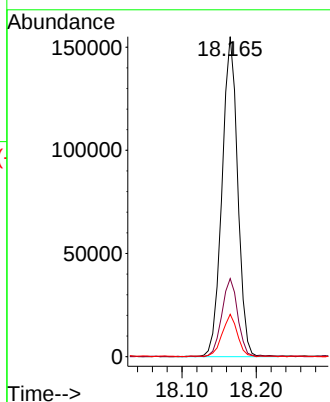
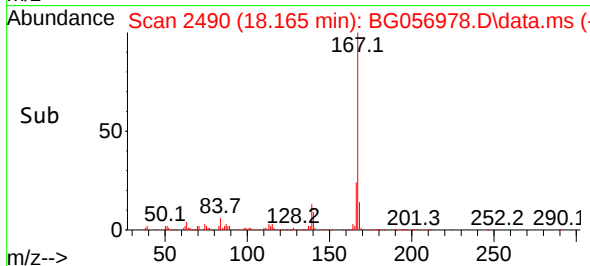


Tgt Ion:167 Resp: 227414
 Ion Ratio Lower Upper
 167 100
 166 24.4 17.9 26.9
 139 13.2 9.5 14.3

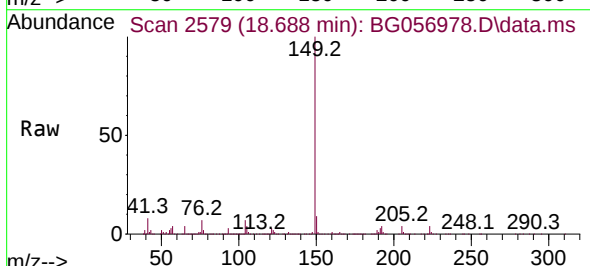
Manual Integrations

APPROVED

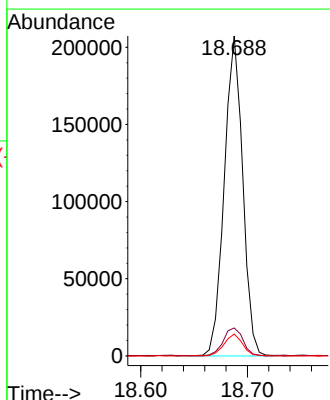
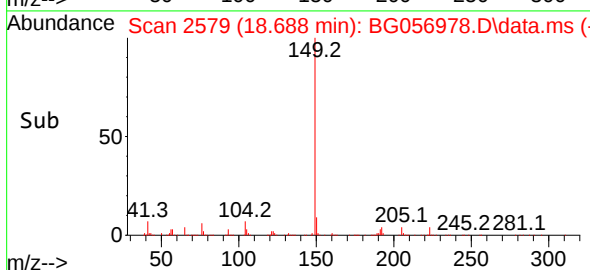
Reviewed By :Christian Giraldo 04/05/2023
 Supervised By :Jagrut Upadhyay 04/05/2023

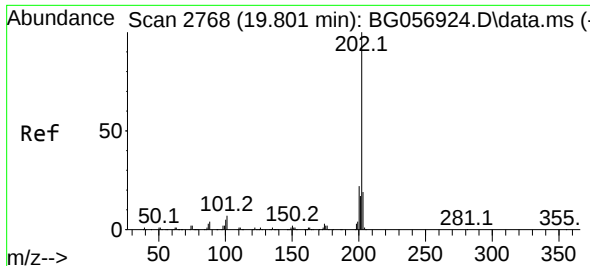


#74
 Di-n-butylphthalate
 Concen: 43.802 ng
 RT: 18.688 min Scan# 2579
 Delta R.T. -0.009 min
 Lab File: BG056978.D
 Acq: 4 Apr 2023 23:46



Tgt Ion:149 Resp: 249052
 Ion Ratio Lower Upper
 149 100
 150 8.7 7.4 11.0
 104 6.8 4.9 7.3





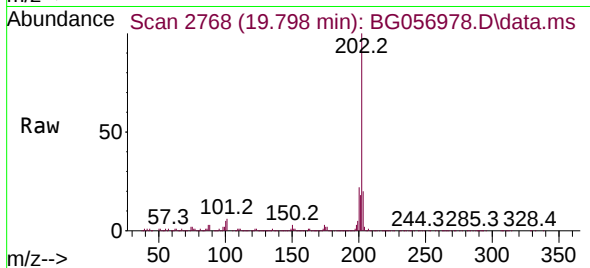
#75
Fluoranthene
Concen: 65.043 ng
RT: 19.798 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG056978.D
Acq: 4 Apr 2023 23:46

Instrument :

BNA_G

ClientSampleId :

TR-04-040323MS

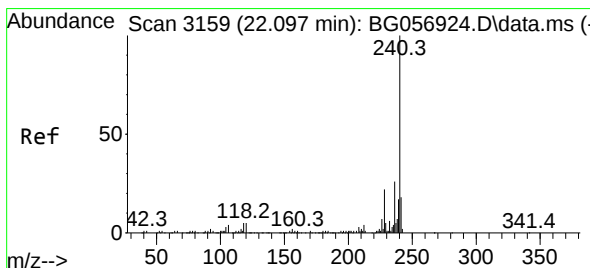
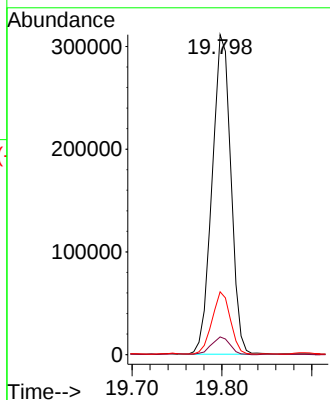
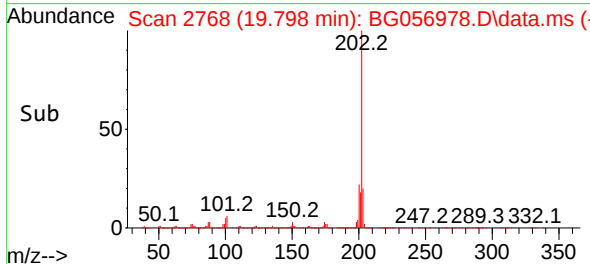


Tgt Ion:202 Resp: 452962
Ion Ratio Lower Upper
202 100
101 5.5 0.0 26.7
203 19.6 0.0 39.0

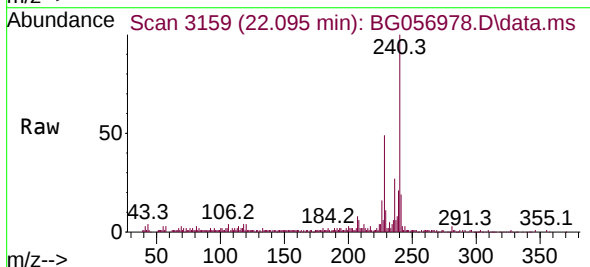
Manual Integrations

APPROVED

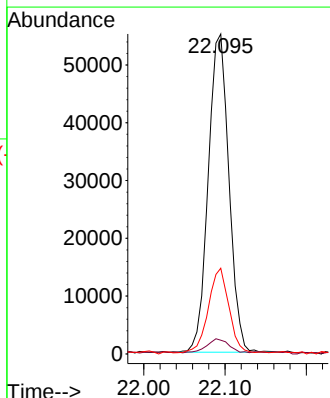
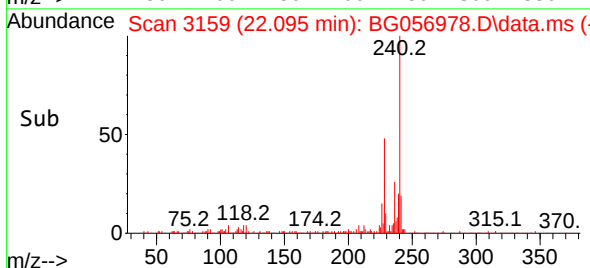
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023

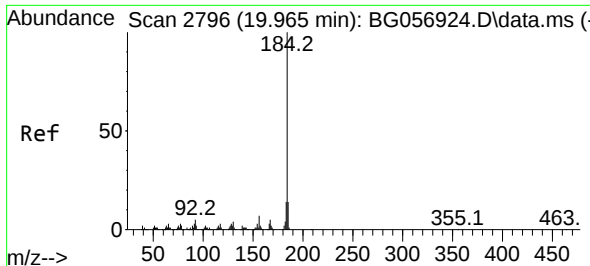


#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.095 min Scan# 3159
Delta R.T. -0.003 min
Lab File: BG056978.D
Acq: 4 Apr 2023 23:46



Tgt Ion:240 Resp: 97448
Ion Ratio Lower Upper
240 100
120 4.3 3.8 5.6
236 26.8 21.0 31.6





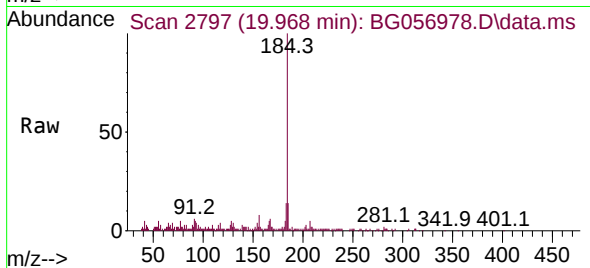
#77
Benzidine
Concen: 20.686 ng
RT: 19.968 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG056978.D
Acq: 4 Apr 2023 23:46

Instrument :

BNA_G

ClientSampleId :

TR-04-040323MS

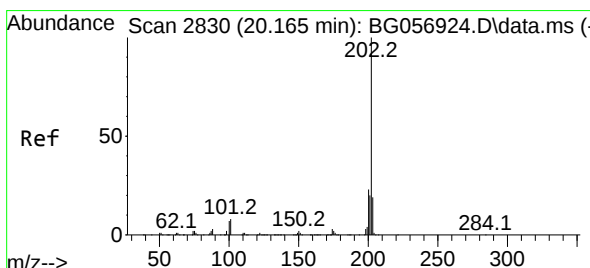
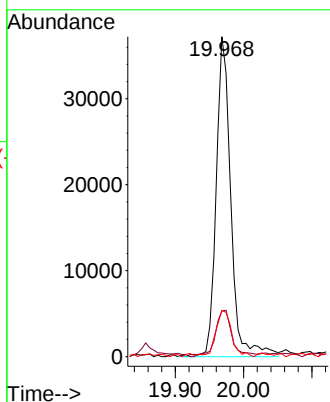
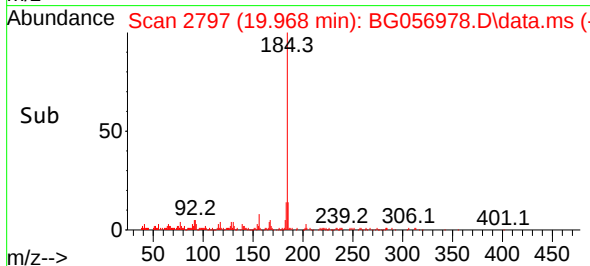


Tgt Ion:184 Resp: 55098
Ion Ratio Lower Upper
184 100
185 14.2 11.0 16.4
183 14.4 11.4 17.0

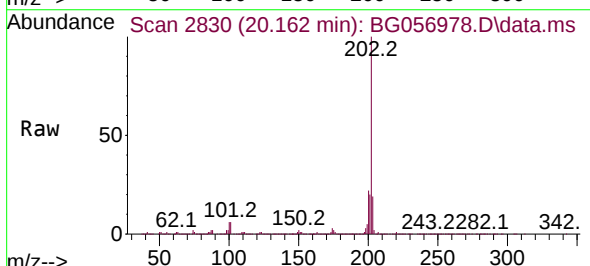
Manual Integrations

APPROVED

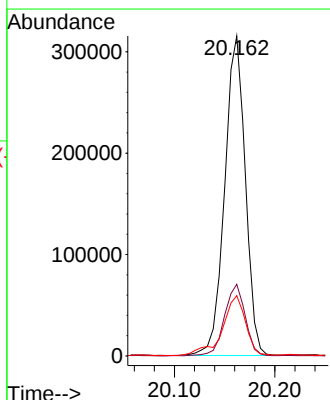
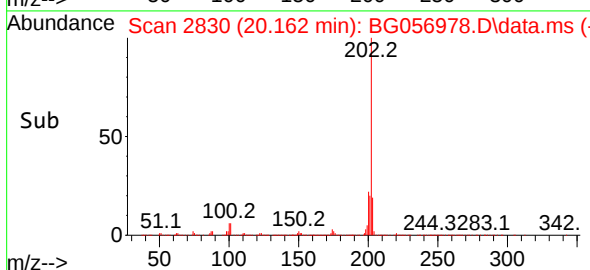
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023

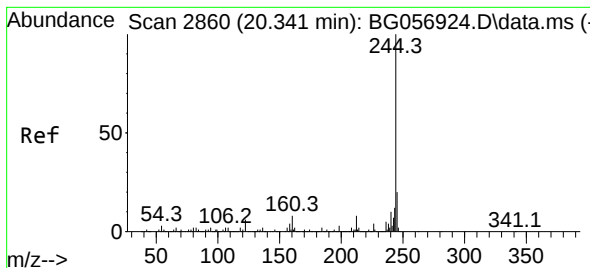


#78
Pyrene
Concen: 66.949 ng
RT: 20.162 min Scan# 2830
Delta R.T. -0.003 min
Lab File: BG056978.D
Acq: 4 Apr 2023 23:46



Tgt Ion:202 Resp: 451235
Ion Ratio Lower Upper
202 100
200 22.4 18.7 28.1
203 18.8 15.4 23.2





#79

Terphenyl-d14

Concen: 61.662 ng

RT: 20.338 min Scan# 2860

Delta R.T. -0.003 min

Lab File: BG056978.D

Acq: 4 Apr 2023 23:46

Instrument :

BNA_G

ClientSampleId :

TR-04-040323MS

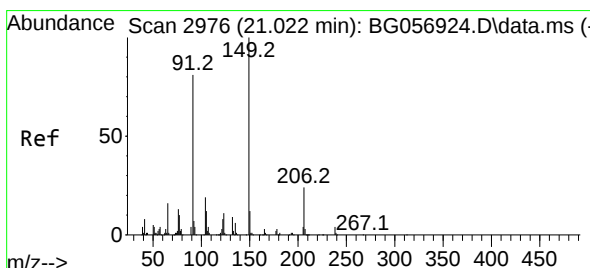
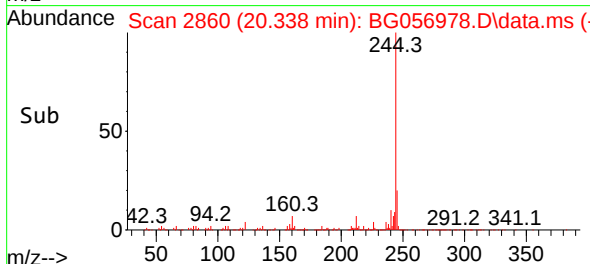
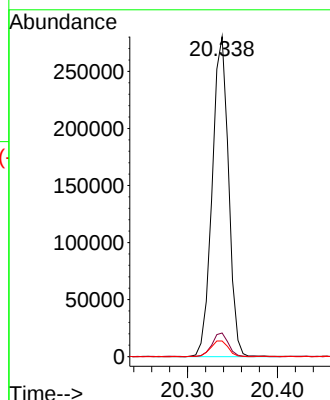
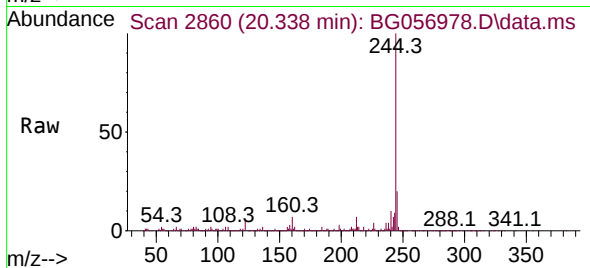
Tgt Ion:244 Resp: 355098

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.1	9.1
122	4.9	5.0	7.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#80

Butylbenzylphthalate

Concen: 43.642 ng

RT: 21.014 min Scan# 2975

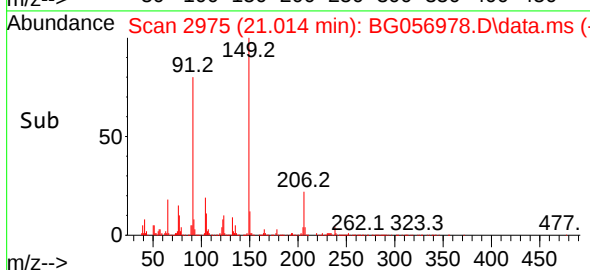
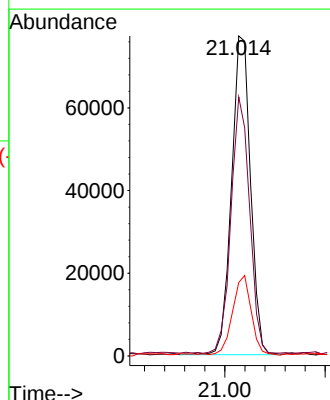
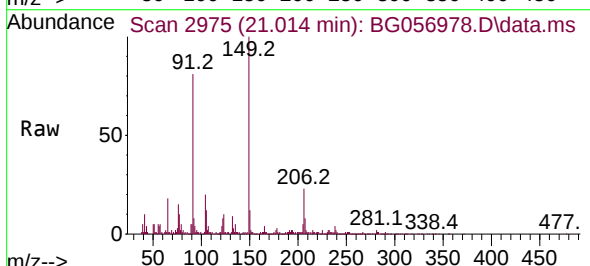
Delta R.T. -0.009 min

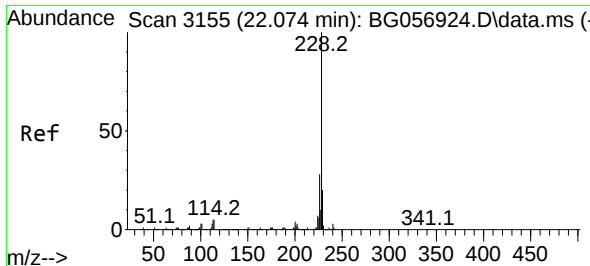
Lab File: BG056978.D

Acq: 4 Apr 2023 23:46

Tgt Ion:149 Resp: 101221

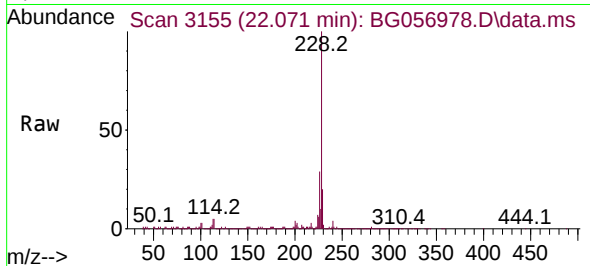
Ion	Ratio	Lower	Upper
149	100		
91	80.9	64.4	96.6
206	22.9	18.9	28.3





#81
Benzo(a)anthracene
Concen: 61.887 ng
RT: 22.071 min Scan# 3155
Delta R.T. -0.003 min
Lab File: BG056978.D
Acq: 4 Apr 2023 23:46

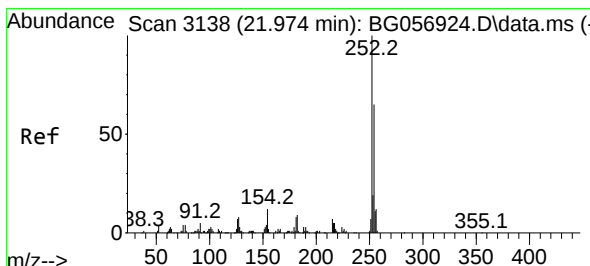
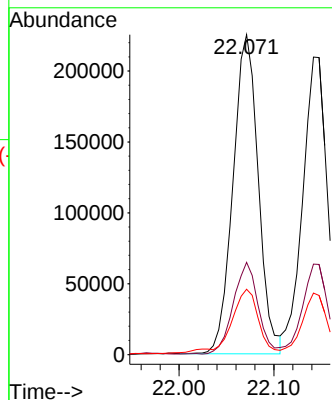
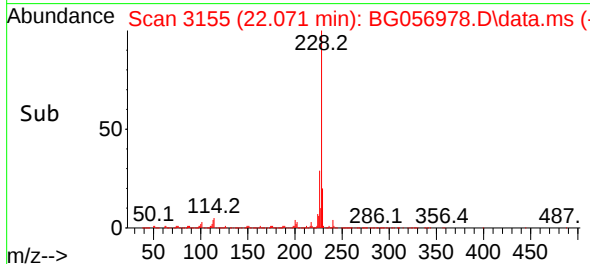
Instrument :
BNA_G
ClientSampleId :
TR-04-040323MS



Tgt Ion:228 Resp: 417325
Ion Ratio Lower Upper
228 100
226 28.8 22.1 33.1
229 20.4 16.1 24.1

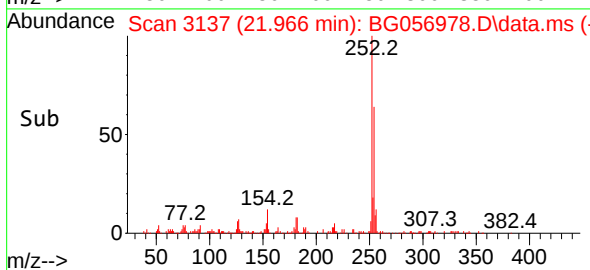
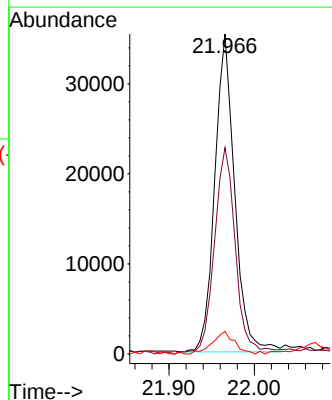
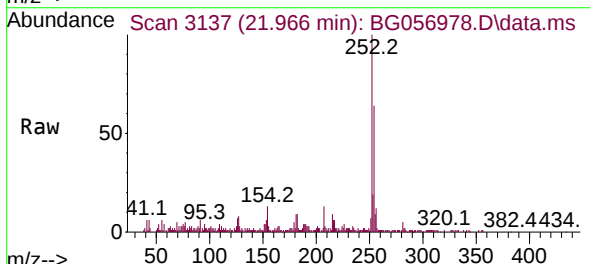
Manual Integrations
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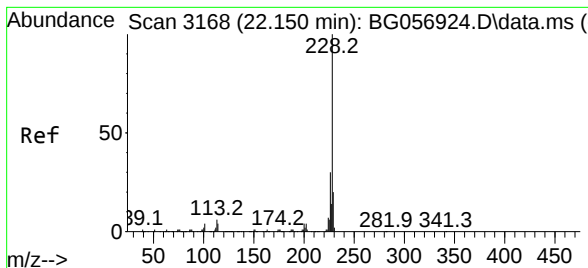
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#82
3,3'-Dichlorobenzidine
Concen: 25.197 ng
RT: 21.966 min Scan# 3137
Delta R.T. -0.008 min
Lab File: BG056978.D
Acq: 4 Apr 2023 23:46

Tgt Ion:252 Resp: 57376
Ion Ratio Lower Upper
252 100
254 64.4 51.7 77.5
126 7.0 5.6 8.4





#83

Chrysene

Concen: 59.371 ng

RT: 22.142 min Scan# 3167

Delta R.T. -0.009 min

Lab File: BG056978.D

Acq: 4 Apr 2023 23:46

Instrument :

BNA_G

ClientSampleId :

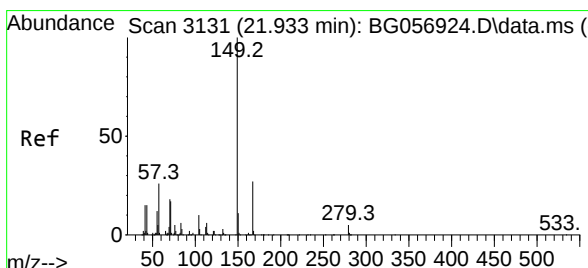
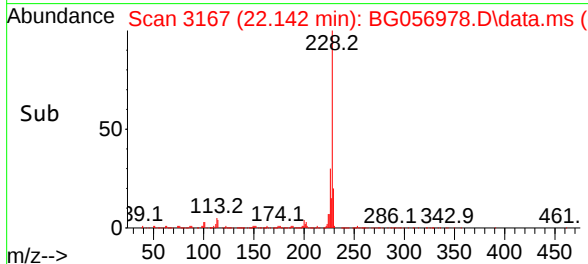
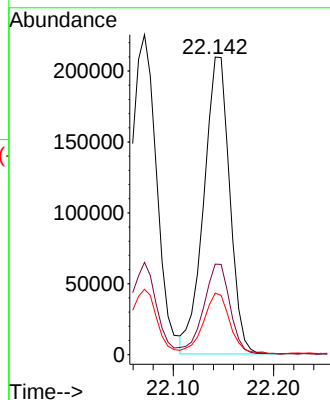
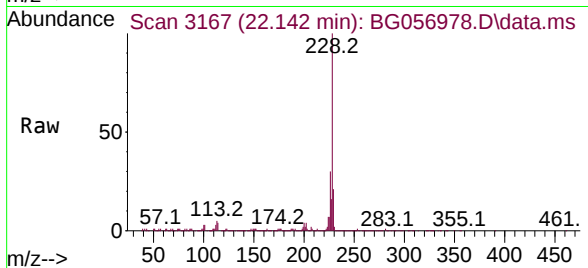
TR-04-040323MS

Tgt Ion:228 Resp: 374865
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.1 36.1
 229 20.7 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/05/2023
 Supervised By :Jagrut Upadhyay 04/05/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.369 ng

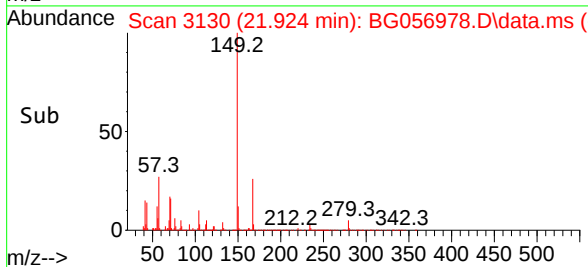
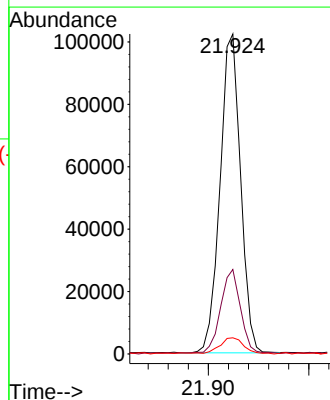
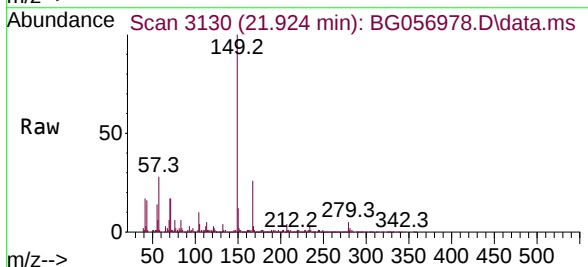
RT: 21.924 min Scan# 3130

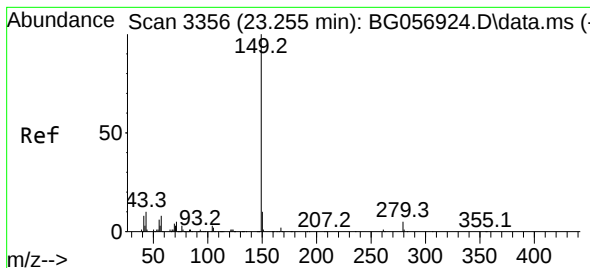
Delta R.T. -0.009 min

Lab File: BG056978.D

Acq: 4 Apr 2023 23:46

Tgt Ion:149 Resp: 145656
 Ion Ratio Lower Upper
 149 100
 167 26.4 21.4 32.2
 279 5.0 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 43.372 ng

RT: 23.240 min Scan# 3356

Delta R.T. -0.014 min

Lab File: BG056978.D

Acq: 4 Apr 2023 23:46

Instrument :

BNA_G

ClientSampleId :

TR-04-040323MS

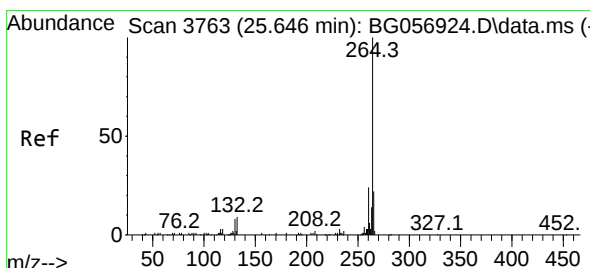
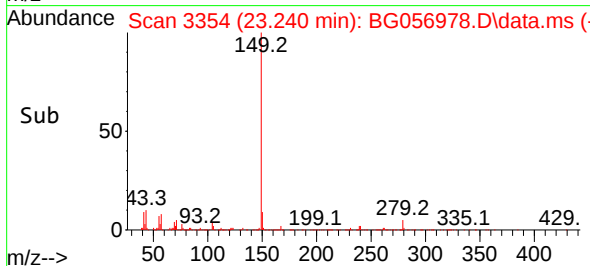
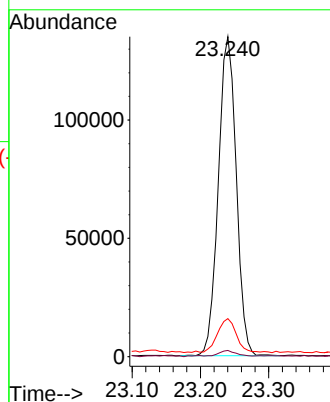
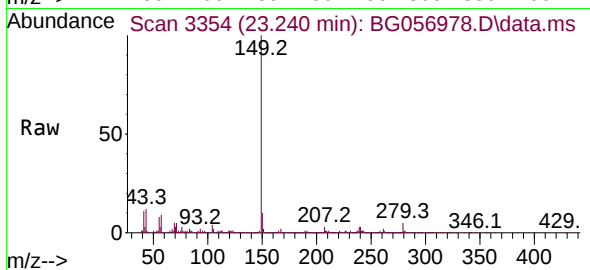
Tgt Ion:149 Resp: 245473

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	11.5	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.637 min Scan# 3762

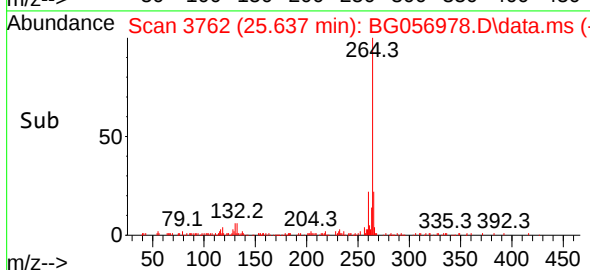
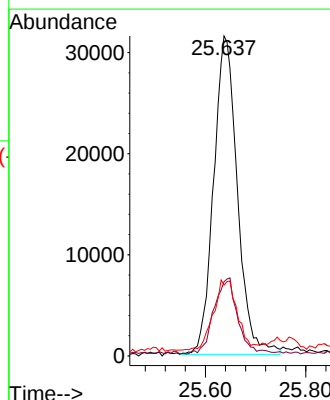
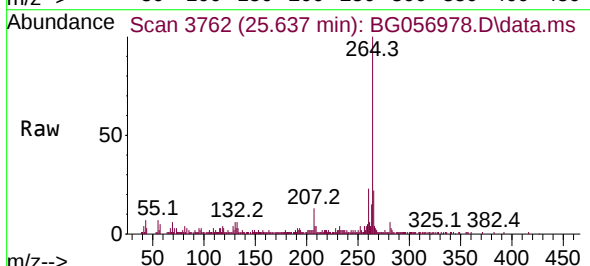
Delta R.T. -0.009 min

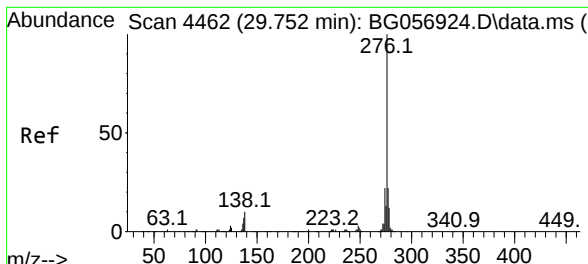
Lab File: BG056978.D

Acq: 4 Apr 2023 23:46

Tgt Ion:264 Resp: 103353

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.0	28.4
265	22.1	17.8	26.6





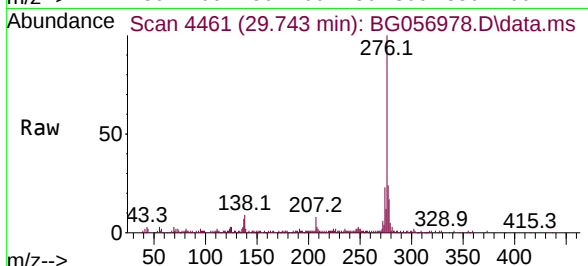
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.784 ng
 RT: 29.743 min Scan# 4461
 Delta R.T. -0.009 min
 Lab File: BG056978.D
 Acq: 4 Apr 2023 23:46

Instrument :

BNA_G

ClientSampleId :

TR-04-040323MS

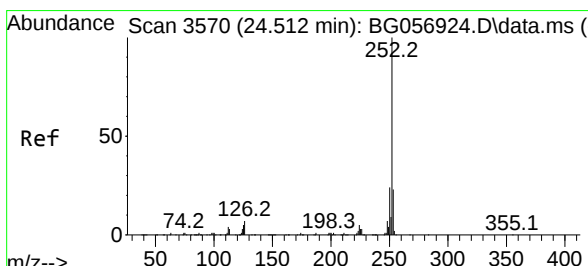
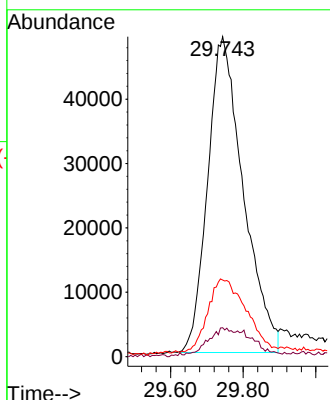
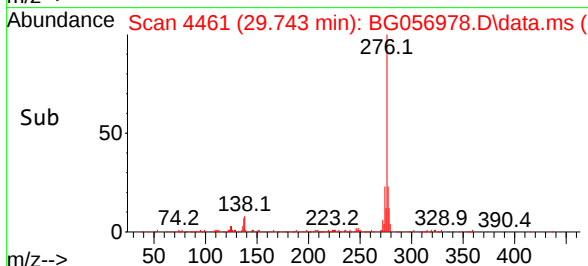


Tgt Ion:276 Resp: 334431
 Ion Ratio Lower Upper
 276 100
 138 6.0 7.7 11.5
 277 25.5 21.0 31.4

Manual Integrations

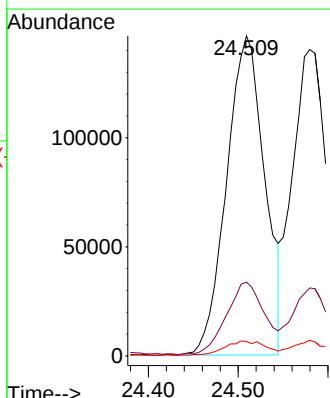
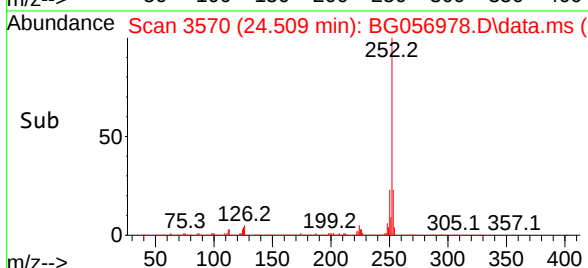
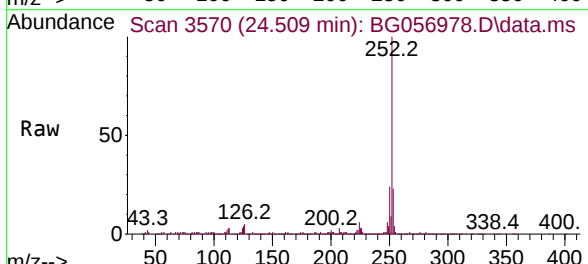
APPROVED

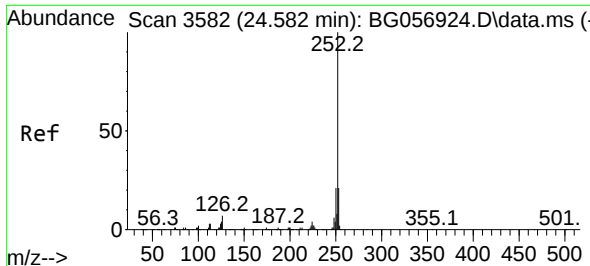
Reviewed By :Christian Giraldo 04/05/2023
 Supervised By :Jagrut Upadhyay 04/05/2023



#88
 Benzo(b)fluoranthene
 Concen: 66.936 ng
 RT: 24.509 min Scan# 3570
 Delta R.T. -0.003 min
 Lab File: BG056978.D
 Acq: 4 Apr 2023 23:46

Tgt Ion:252 Resp: 432609
 Ion Ratio Lower Upper
 252 100
 253 23.0 18.1 27.1
 125 4.5 4.2 6.4





#89

Benzo(k)fluoranthene

Concen: 57.605 ng

RT: 24.580 min Scan# 3582

Delta R.T. -0.003 min

Lab File: BG056978.D

Acq: 4 Apr 2023 23:46

Instrument :

BNA_G

ClientSampleId :

TR-04-040323MS

Tgt Ion:252 Resp: 371680

Ion Ratio Lower Upper

252 100

253 22.2 17.1 25.7

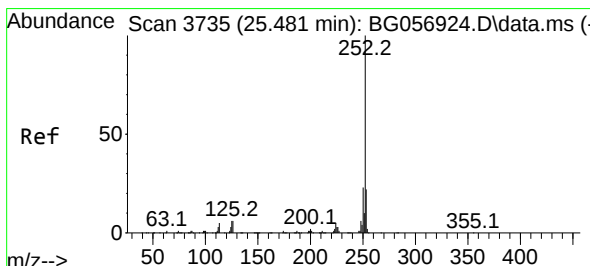
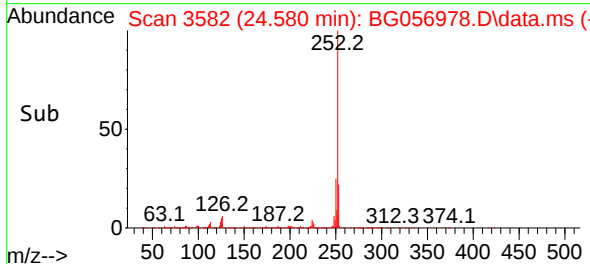
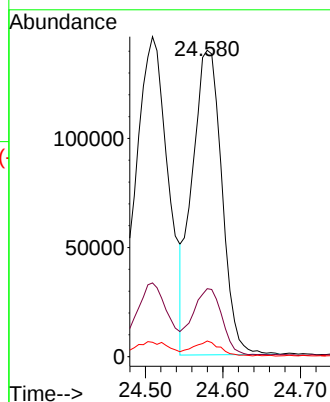
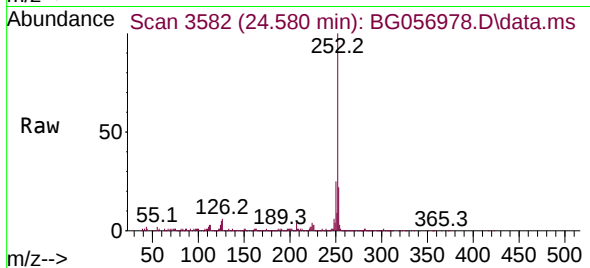
125 5.1 3.8 5.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/05/2023

Supervised By :Jagrut Upadhyay 04/05/2023



#90

Benzo(a)pyrene

Concen: 58.921 ng

RT: 25.478 min Scan# 3735

Delta R.T. -0.003 min

Lab File: BG056978.D

Acq: 4 Apr 2023 23:46

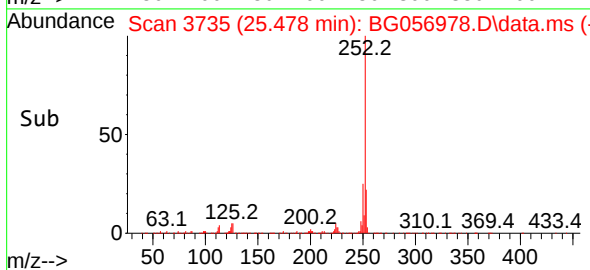
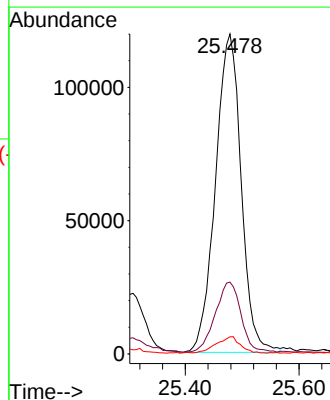
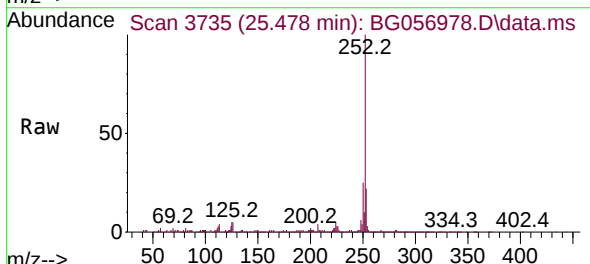
Tgt Ion:252 Resp: 374204

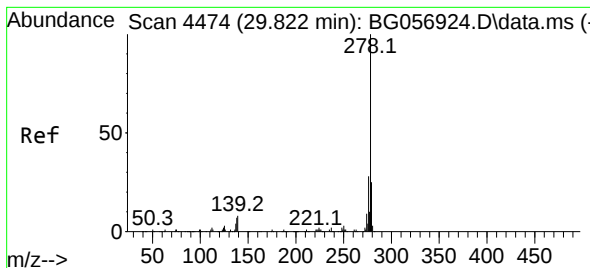
Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

125 5.3 4.5 6.7





#91

Dibenzo(a,h)anthracene

Concen: 41.560 ng

RT: 29.808 min Scan# 4472

Delta R.T. -0.014 min

Lab File: BG056978.D

Acq: 4 Apr 2023 23:46

Instrument :

BNA_G

ClientSampleId :

TR-04-040323MS

Tgt Ion:278 Resp: 260934

Ion Ratio Lower Upper

278 100

139 7.6 6.4 9.6

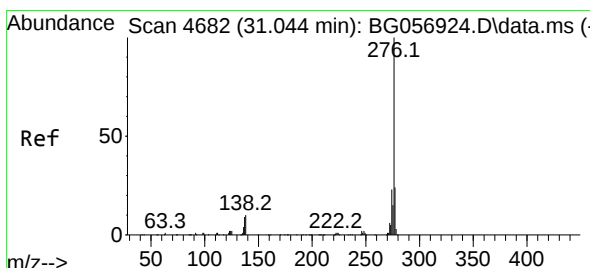
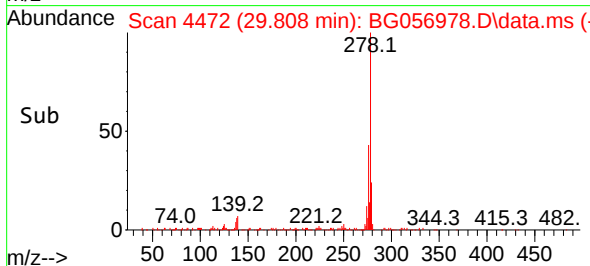
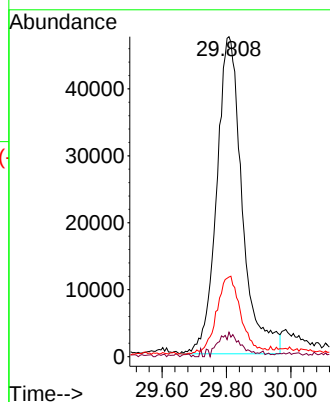
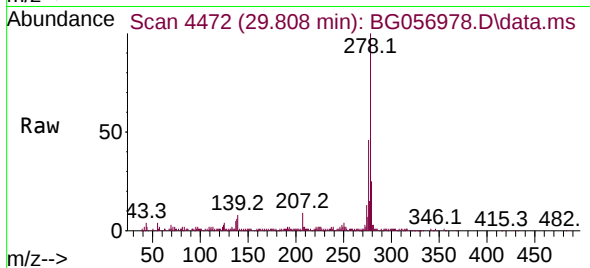
279 24.9 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/05/2023

Supervised By :Jagrut Upadhyay 04/05/2023



#92

Benzo(g,h,i)perylene

Concen: 40.457 ng

RT: 31.024 min Scan# 4679

Delta R.T. -0.020 min

Lab File: BG056978.D

Acq: 4 Apr 2023 23:46

Tgt Ion:276 Resp: 248727

Ion Ratio Lower Upper

276 100

277 22.6 19.1 28.7

138 9.4 8.2 12.2

