

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040423\
 Data File : BG056973.D
 Acq On : 4 Apr 2023 20:17
 Operator : CG/JU
 Sample : 02161-02MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-6MSD

Manual Integrations
 APPROVED

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

Quant Time: Apr 05 04:10:56 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	8.416	152	14145	20.000	ng	0.00
21) Naphthalene-d8	11.253	136	57298	20.000	ng	0.00
39) Acenaphthene-d10	15.025	164	45913	20.000	ng	0.00
64) Phenanthrene-d10	17.768	188	118329	20.000	ng	# 0.00
76) Chrysene-d12	22.086	240	107846	20.000	ng	#-0.01
86) Perylene-d12	25.628	264	112075	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.925	112	120411	136.240	ng	0.00
7) Phenol-d6	7.546	99	167339	126.594	ng	0.00
23) Nitrobenzene-d5	9.591	82	119747	85.514	ng	0.00
42) 2,4,6-Tribromophenol	16.505	330	107904	147.113	ng	0.00
45) 2-Fluorobiphenyl	13.656	172	290653	85.842	ng	0.00
79) Terphenyl-d14	20.335	244	613844	96.315	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.740	88	14506	37.441	ng	# 54
3) Pyridine	4.163	79	22157	17.756	ng	95
4) n-Nitrosodimethylamine	4.057	42	25122	43.787	ng	91
6) Aniline	7.729	93	22266	13.176	ng	99
8) 2-Chlorophenol	7.969	128	43339	49.231	ng	97
9) Benzaldehyde	7.535	77	22664	27.336	ng	93
10) Phenol	7.570	94	57392	43.818	ng	93
11) bis(2-Chloroethyl)ether	7.811	93	40374	43.274	ng	98
12) 1,3-Dichlorobenzene	8.304	146	44790m	46.046	ng	
13) 1,4-Dichlorobenzene	8.451	146	46356	47.218	ng	97
14) 1,2-Dichlorobenzene	8.774	146	44173	46.572	ng	100
15) Benzyl Alcohol	8.645	79	50484	45.963	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.933	45	52279m	46.494	ng	
17) 2-Methylphenol	8.845	107	42598	45.586	ng	89
18) Hexachloroethane	9.514	117	16405	45.718	ng	91
19) n-Nitroso-di-n-propyla...	9.215	70	40226	42.545	ng	# 92
20) 3+4-Methylphenols	9.168	107	58500	44.770	ng	89
22) Acetophenone	9.244	105	74047	43.430	ng	# 97
24) Nitrobenzene	9.638	77	62717	43.807	ng	99
25) Isophorone	10.155	82	114865	43.076	ng	98
26) 2-Nitrophenol	10.354	139	25058	45.345	ng	96
27) 2,4-Dimethylphenol	10.396	122	45255	46.383	ng	97
28) bis(2-Chloroethoxy)met...	10.631	93	56902	42.623	ng	98
29) 2,4-Dichlorophenol	10.889	162	49610	47.279	ng	98
30) 1,2,4-Trichlorobenzene	11.112	180	50043	44.885	ng	95
31) Naphthalene	11.306	128	134098	42.937	ng	97
32) Benzoic acid	10.519	122	31044	46.320	ng	88
34) Hexachlorobutadiene	11.576	225	36331	43.380	ng	96
35) Caprolactam	12.164	113	13094m	36.184	ng	
36) 4-Chloro-3-methylphenol	12.487	107	56323	47.997	ng	97
37) 2-Methylnaphthalene	12.880	142	104522	42.168	ng	98
38) 1-Methylnaphthalene	13.098	142	98635	42.378	ng	99
40) 1,2,4,5-Tetrachloroben...	13.239	216	71139	44.682	ng	99
41) Hexachlorocyclopentadiene	13.215	237	97787	111.473	ng	98
43) 2,4,6-Trichlorophenol	13.468	196	47267	46.523	ng	98
44) 2,4,5-Trichlorophenol	13.544	196	52489	43.610	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.867	154	154691	46.026	ng	96
47) 2-Chloronaphthalene	13.914	162	116149	46.726	ng	96
48) 2-Nitroaniline	14.108	65	41104	46.245	ng	96
49) Acenaphthylene	14.754	152	184999	45.297	ng	98
50) Dimethylphthalate	14.461	163	167158	46.207	ng	98
51) 2,6-Dinitrotoluene	14.590	165	36552	46.764	ng	93
52) Acenaphthene	15.089	154	154547m	54.867	ng	
53) 3-Nitroaniline	14.919	138	10198	13.181	ng	92
54) 2,4-Dinitrophenol	15.124	184	52465	119.253	ng	89
55) Dibenzofuran	15.424	168	192296	45.486	ng	97
56) 4-Nitrophenol	15.213	139	55970	97.833	ng	95
57) 2,4-Dinitrotoluene	15.371	165	51460	46.680	ng	87
58) Fluorene	16.064	166	164508	47.025	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.641	232	53623	48.931	ng	# 98
60) Diethylphthalate	15.812	149	168079	46.346	ng	98
61) 4-Chlorophenyl-phenyle...	16.047	204	94812	46.161	ng	99
62) 4-Nitroaniline	16.076	138	30983	38.653	ng	94
63) Azobenzene	16.340	77	164878	45.619	ng	99
65) 4,6-Dinitro-2-methylph...	16.135	198	35360	49.341	ng	96
66) n-Nitrosodiphenylamine	16.258	169	135604	42.690	ng	98
67) 4-Bromophenyl-phenylether	16.940	248	64618	44.135	ng	97
68) Hexachlorobenzene	17.069	284	68754	47.499	ng	98
69) Atrazine	17.192	200	43509	32.997	ng	92
70) Pentachlorophenol	17.410	266	90150	86.812	ng	98
71) Phenanthrene	17.809	178	276159	45.775	ng	100
72) Anthracene	17.897	178	276302	44.676	ng	99
73) Carbazole	18.162	167	242987	45.063	ng	94
74) Di-n-butylphthalate	18.684	149	288550	46.212	ng	99
75) Fluoranthene	19.795	202	336964	44.061	ng	99
78) Pyrene	20.153	202	345276	46.289	ng	98
80) Butylbenzylphthalate	21.016	149	116035	45.205	ng	96
81) Benzo(a)anthracene	22.062	228	339478	45.489	ng	99
82) 3,3'-Dichlorobenzidine	21.956	252	19306	7.661	ng	96
83) Chrysene	22.138	228	310466	44.431	ng	99
84) Bis(2-ethylhexyl)phtha...	21.921	149	165964	44.652	ng	97
85) Di-n-octyl phthalate	23.237	149	274014	43.747	ng	99
87) Indeno(1,2,3-cd)pyrene	29.722	276	376191	45.418	ng	97
88) Benzo(b)fluoranthene	24.494	252	350102	49.955	ng	99
89) Benzo(k)fluoranthene	24.570	252	339965	48.589	ng	100
90) Benzo(a)pyrene	25.463	252	297961	43.265	ng	# 99
91) Dibenzo(a,h)anthracene	29.781	278	313047	45.980	ng	97
92) Benzo(g,h,i)perylene	31.009	276	294154	44.123	ng	98

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

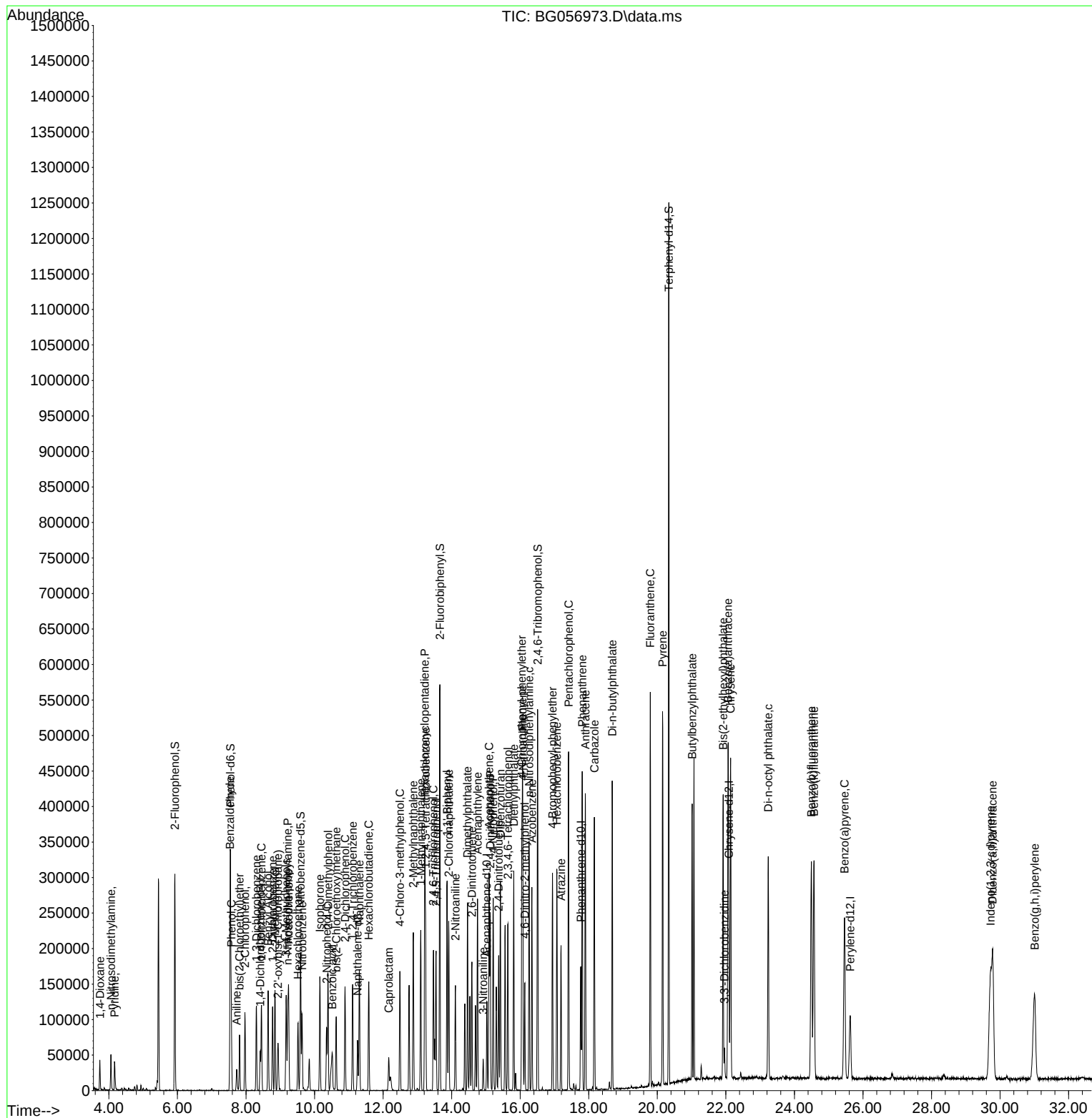
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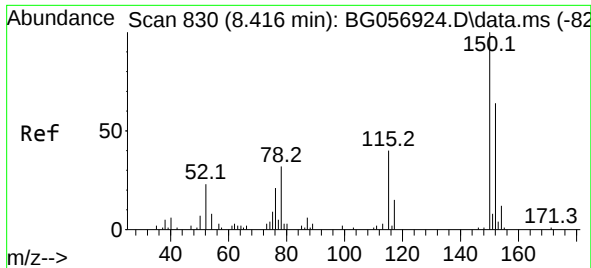
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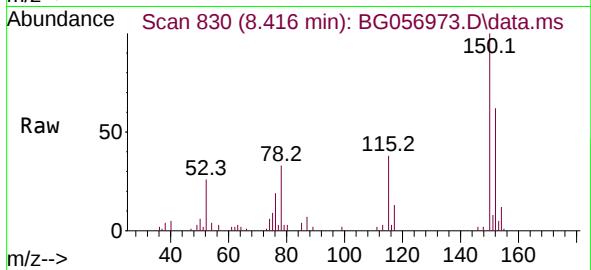
Reviewed By : Christian Giraldo 04/05/2023
Supervised By : Jagrut Upadhyay 04/05/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.416 min Scan# 830
Delta R.T. -0.000 min
Lab File: BG056973.D
Acq: 4 Apr 2023 20:17

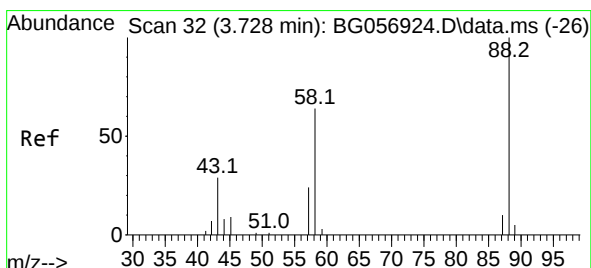
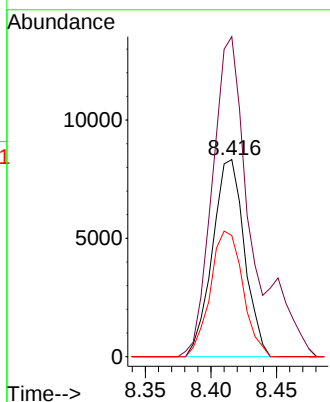
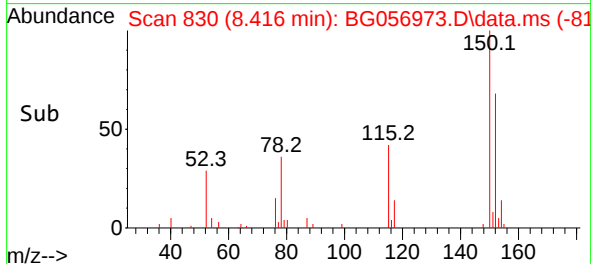
Instrument :
BNA_G
ClientSampleId :
WC-6MSD



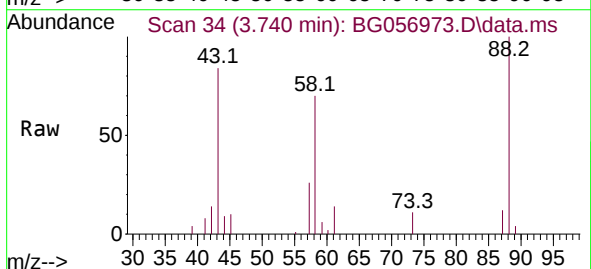
Tgt Ion: 152 Resp: 14145
Ion Ratio Lower Upper
152 100
150 162.4 124.1 186.1
115 61.5 49.1 73.7

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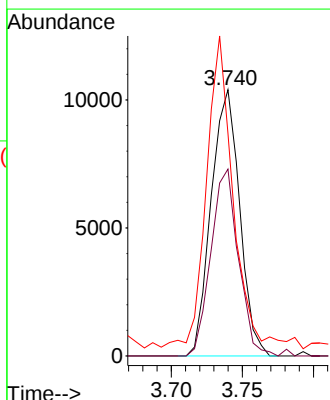
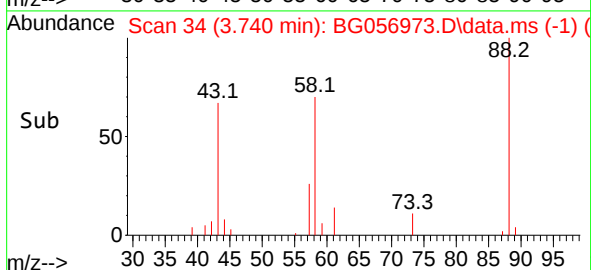
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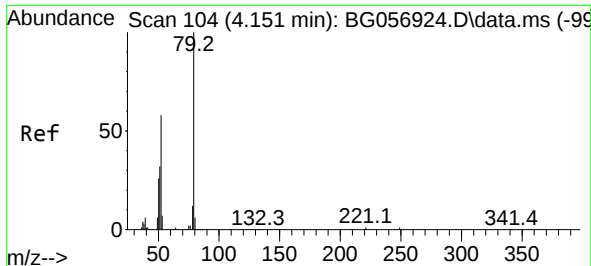


#2
1,4-Dioxane
Concen: 37.441 ng
RT: 3.740 min Scan# 34
Delta R.T. 0.012 min
Lab File: BG056973.D
Acq: 4 Apr 2023 20:17



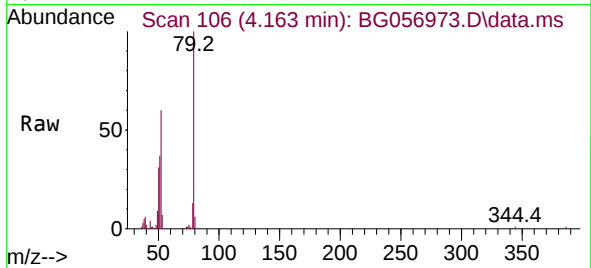
Tgt Ion: 88 Resp: 14506
Ion Ratio Lower Upper
88 100
58 67.8 55.9 83.9
43 111.3 25.7 38.5





#3
Pyridine
Concen: 17.756 ng
RT: 4.163 min Scan# 106
Delta R.T. 0.012 min
Lab File: BG056973.D
Acq: 4 Apr 2023 20:17

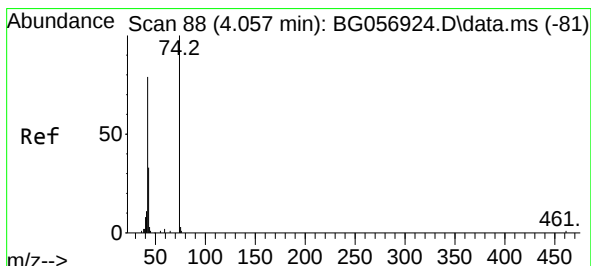
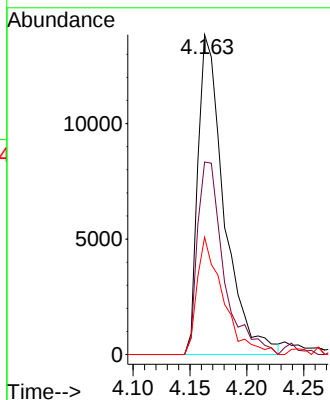
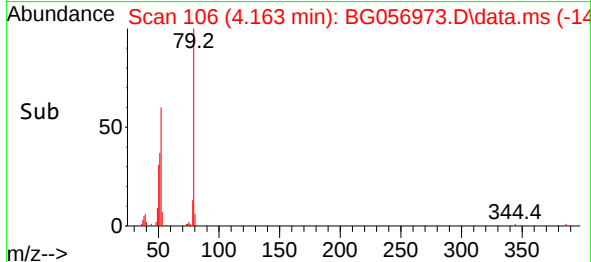
Instrument :
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ClientSampleId :
WC-6MSD



Tgt Ion: 79 Resp: 2215
Ion Ratio Lower Upper
79 100
52 60.2 46.1 69.1
51 36.7 26.1 39.1

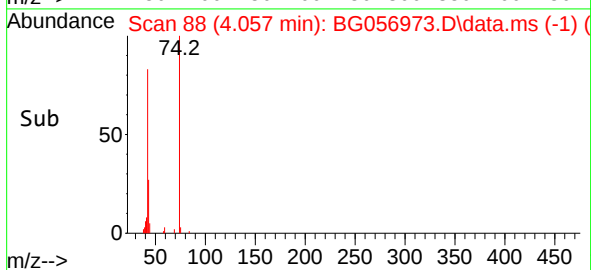
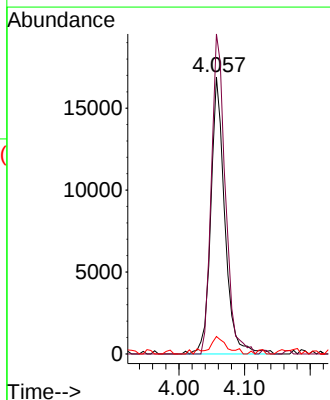
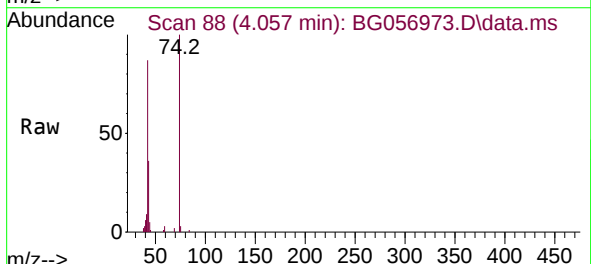
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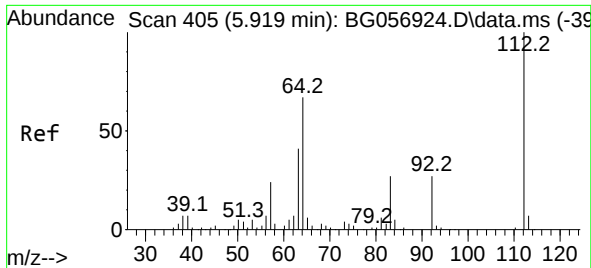
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#4
n-Nitrosodimethylamine
Concen: 43.787 ng
RT: 4.057 min Scan# 88
Delta R.T. -0.000 min
Lab File: BG056973.D
Acq: 4 Apr 2023 20:17

Tgt Ion: 42 Resp: 25122
Ion Ratio Lower Upper
42 100
74 115.6 100.6 151.0
44 6.3 4.6 7.0





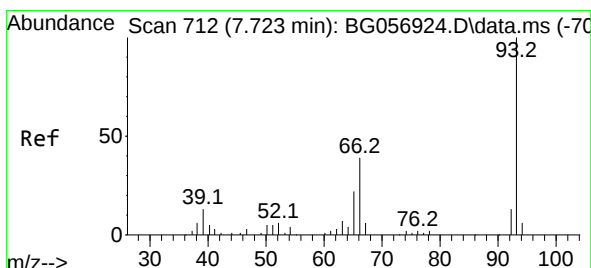
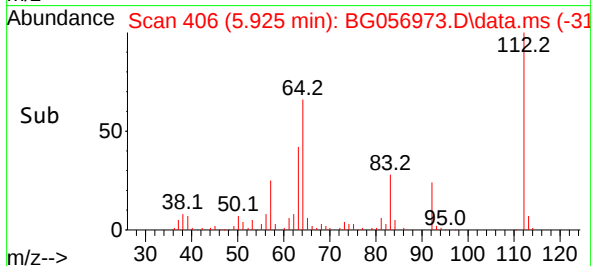
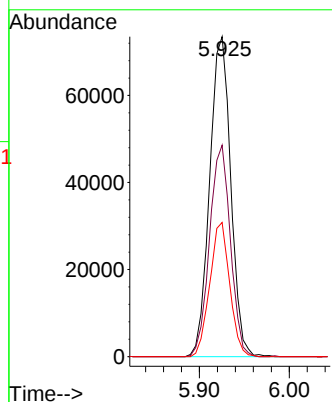
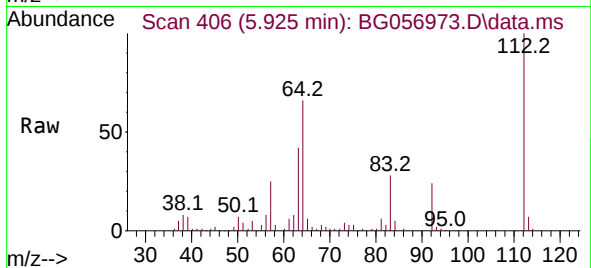
#5
2-Fluorophenol
Concen: 136.240 ng
RT: 5.925 min Scan# 406
Delta R.T. 0.006 min
Lab File: BG056973.D
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Instrument :
BNA_G
ClientSampleId :
WC-6MSD

Tgt Ion: 112 Resp: 12041
Ion Ratio Lower Upper
112 100
64 66.1 53.2 79.8
63 41.9 32.6 48.8

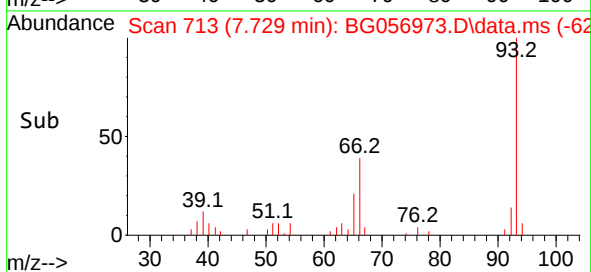
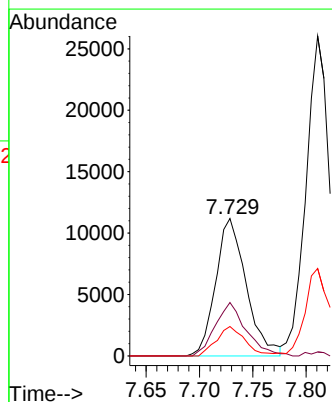
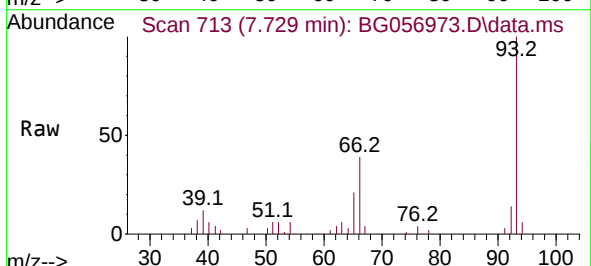
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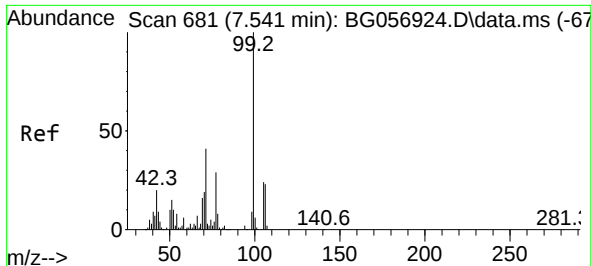
Reviewed By :Christian Giraldo 04/05/2023
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#6
Aniline
Concen: 13.176 ng
RT: 7.729 min Scan# 713
Delta R.T. 0.006 min
Lab File: BG056973.D
Acq: 4 Apr 2023 20:17

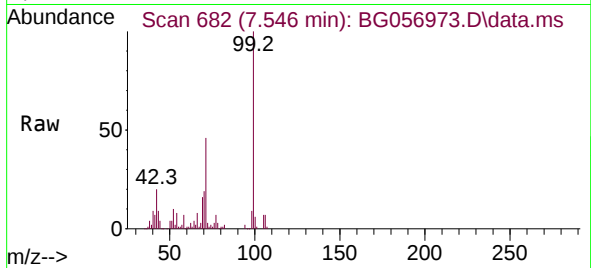
Tgt Ion: 93 Resp: 22266
Ion Ratio Lower Upper
93 100
66 38.9 31.4 47.0
65 21.3 17.3 25.9





#7
Phenol-d6
Concen: 126.594 ng
RT: 7.546 min Scan# 681
Delta R.T. 0.006 min
Lab File: BG056973.D
Acq: 4 Apr 2023 20:17

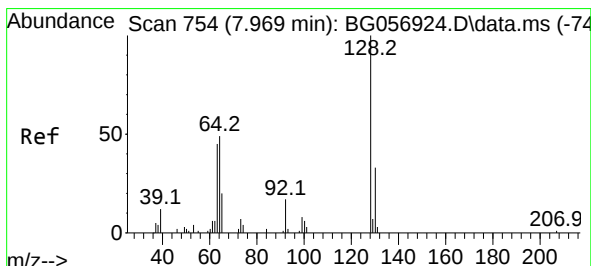
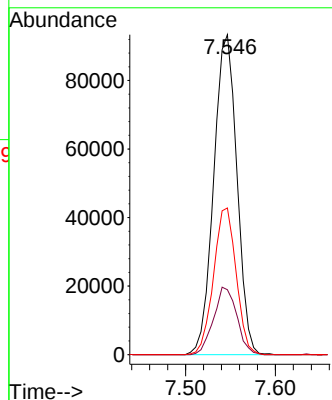
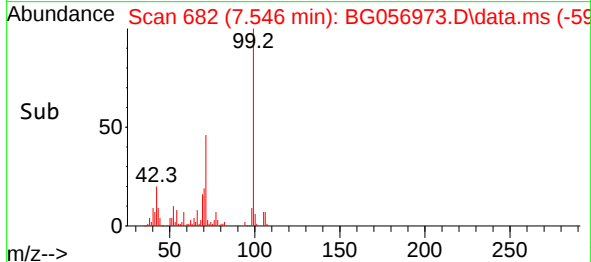
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Tgt Ion: 99 Resp: 167339
Ion Ratio Lower Upper
99 100
42 20.3 15.7 23.5
71 45.8 32.5 48.7

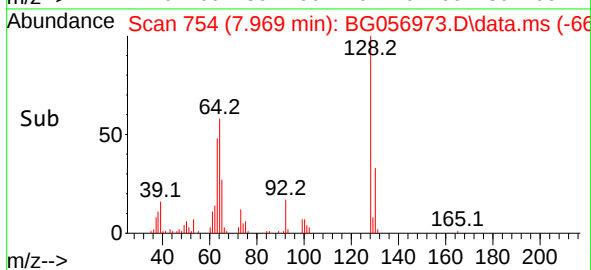
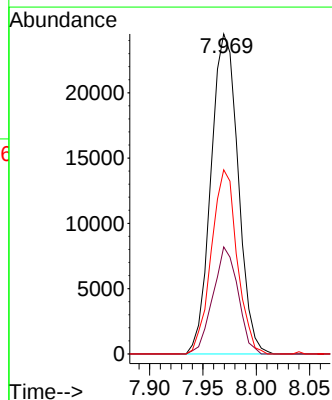
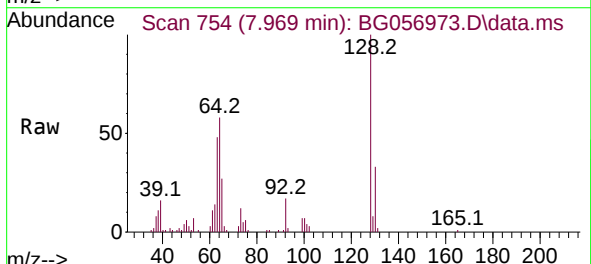
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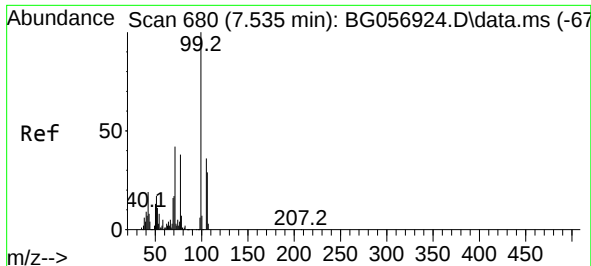
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#8
2-Chlorophenol
Concen: 49.231 ng
RT: 7.969 min Scan# 754
Delta R.T. -0.000 min
Lab File: BG056973.D
Acq: 4 Apr 2023 20:17

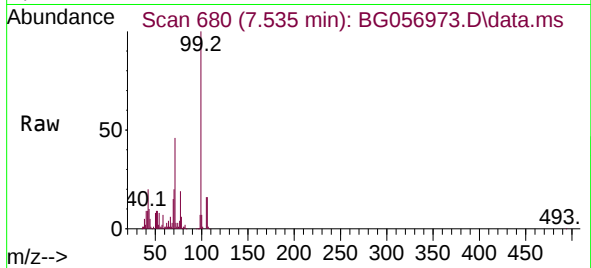
Tgt Ion:128 Resp: 43339
Ion Ratio Lower Upper
128 100
130 33.4 12.6 52.6
64 57.5 40.6 80.6





#9
Benzaldehyde
Concen: 27.336 ng
RT: 7.535 min Scan# 680
Delta R.T. -0.000 min
Lab File: BG056973.D
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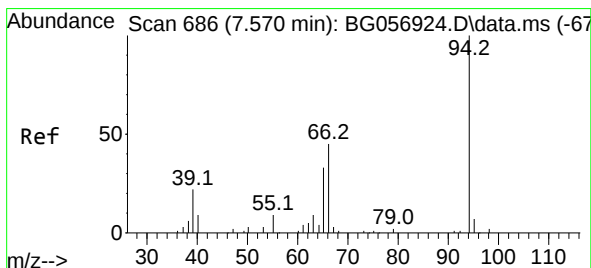
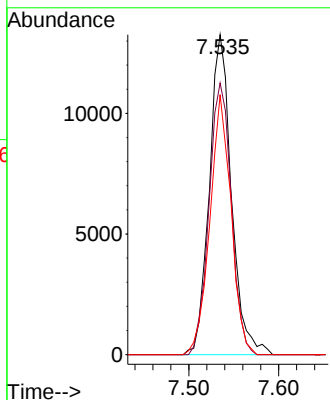
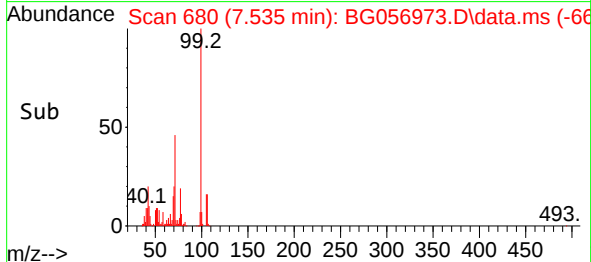
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Tgt Ion: 77 Resp: 22664
Ion Ratio Lower Upper
77 100
105 84.9 73.6 113.6
106 81.2 56.7 96.7

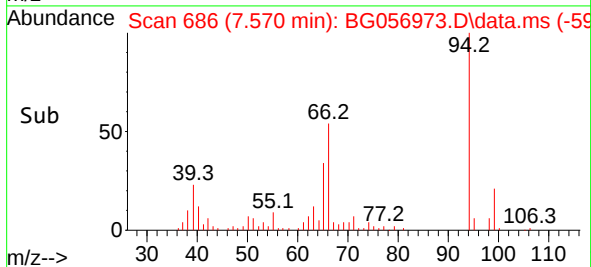
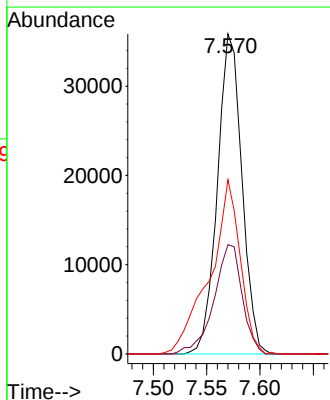
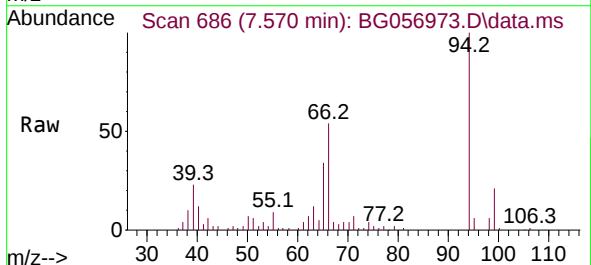
Manual Integrations
APPROVED

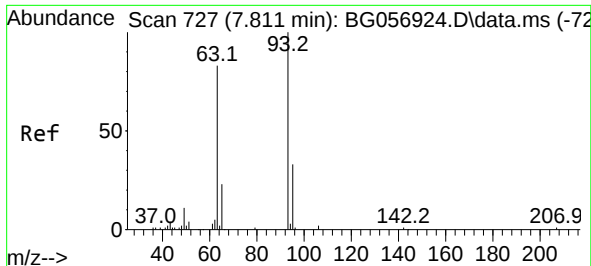
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#10
Phenol
Concen: 43.818 ng
RT: 7.570 min Scan# 686
Delta R.T. -0.000 min
Lab File: BG056973.D
Acq: 4 Apr 2023 20:17

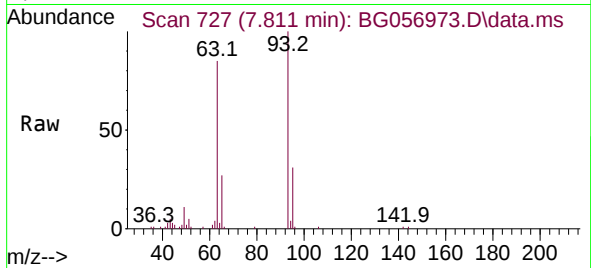
Tgt Ion: 94 Resp: 57392
Ion Ratio Lower Upper
94 100
65 34.1 13.3 53.3
66 54.5 26.7 66.7





#11
bis(2-Chloroethyl)ether
Concen: 43.274 ng
RT: 7.811 min Scan# 727
Delta R.T. -0.000 min
Lab File: BG056973.D
Acq: 4 Apr 2023 20:17

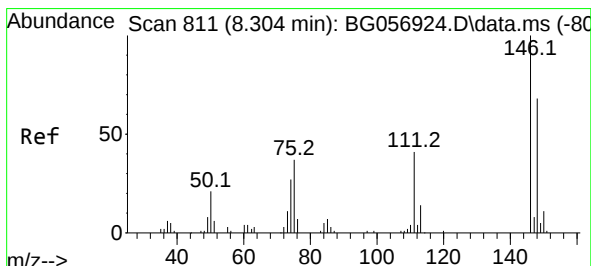
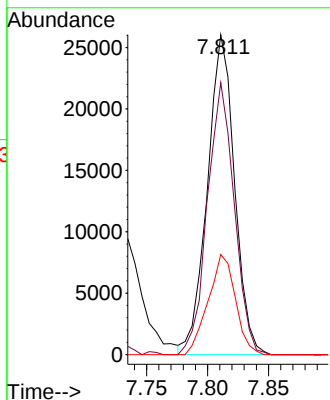
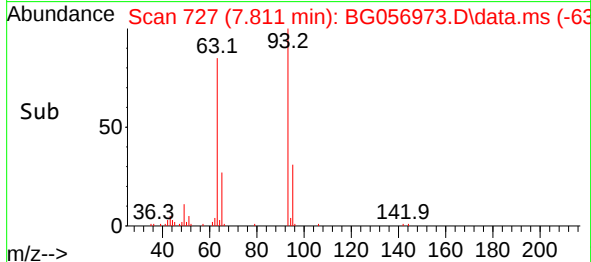
Instrument :
BNA_G
ClientSampleId :
WC-6MSD



Tgt Ion: 93 Resp: 40374
Ion Ratio Lower Upper
93 100
63 85.0 62.7 102.7
95 31.3 12.3 52.3

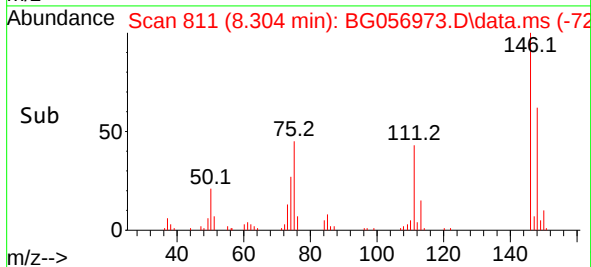
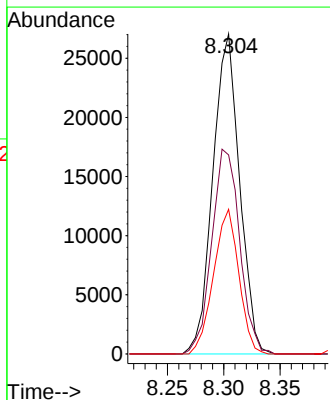
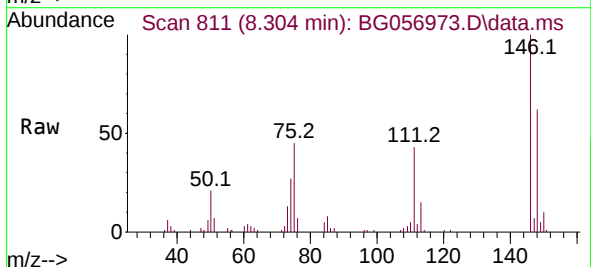
Manual Integrations
APPROVED

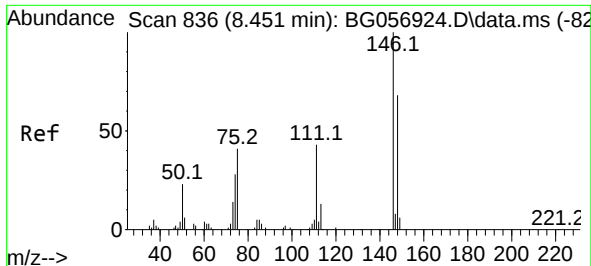
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#12
1,3-Dichlorobenzene
Concen: 46.046 ng m
RT: 8.304 min Scan# 811
Delta R.T. -0.000 min
Lab File: BG056973.D
Acq: 4 Apr 2023 20:17

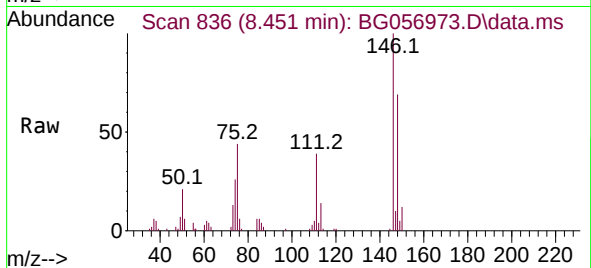
Tgt Ion:146 Resp: 44790
Ion Ratio Lower Upper
146 100
148 62.2 54.2 81.4
75 45.2 29.8 44.8#





#13
1,4-Dichlorobenzene
Concen: 47.218 ng
RT: 8.451 min Scan# 836
Delta R.T. -0.000 min
Lab File: BG056973.D
Acq: 4 Apr 2023 20:17

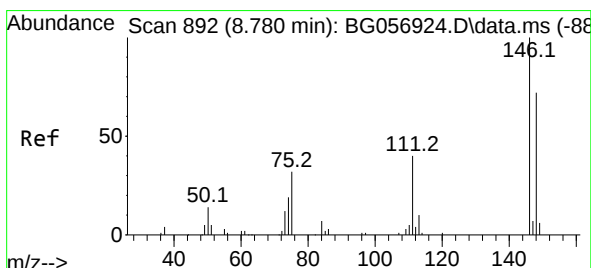
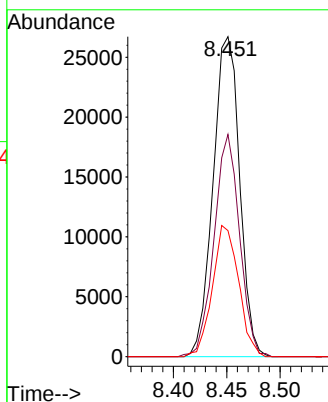
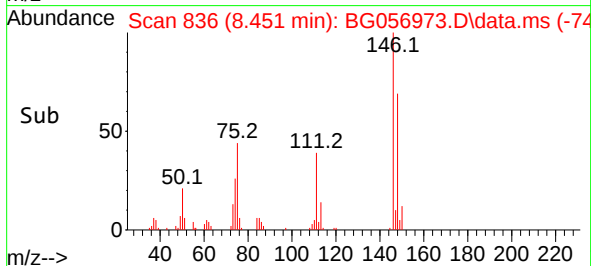
Instrument :
BNA_G
ClientSampleId :
WC-6MSD



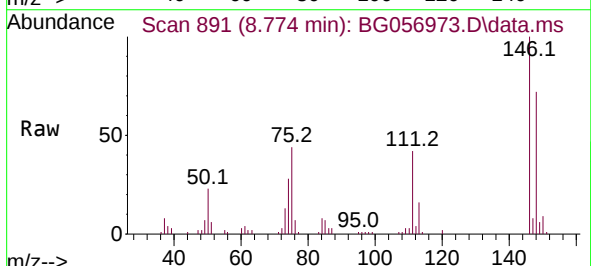
Tgt Ion:146 Resp: 46356
Ion Ratio Lower Upper
146 100
148 69.4 54.8 82.2
111 39.4 34.6 52.0

Manual Integrations
APPROVED

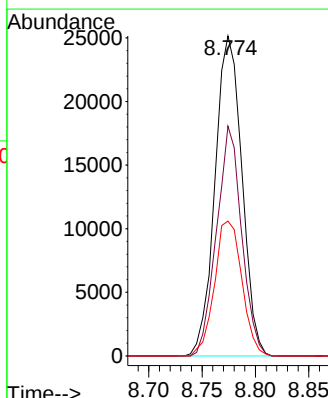
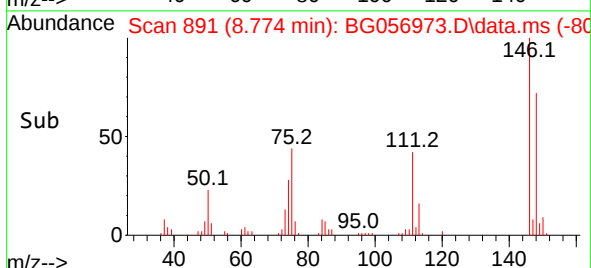
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023

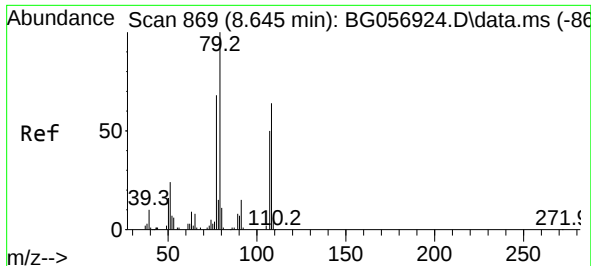


#14
1,2-Dichlorobenzene
Concen: 46.572 ng
RT: 8.774 min Scan# 891
Delta R.T. -0.006 min
Lab File: BG056973.D
Acq: 4 Apr 2023 20:17



Tgt Ion:146 Resp: 44173
Ion Ratio Lower Upper
146 100
148 71.8 57.4 86.0
111 42.1 33.2 49.8





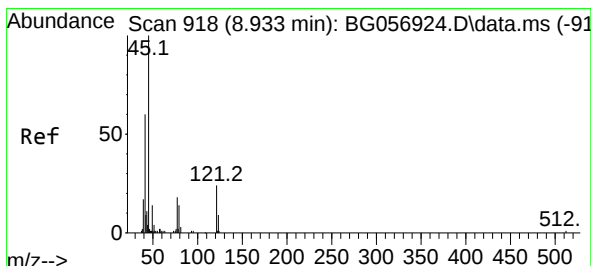
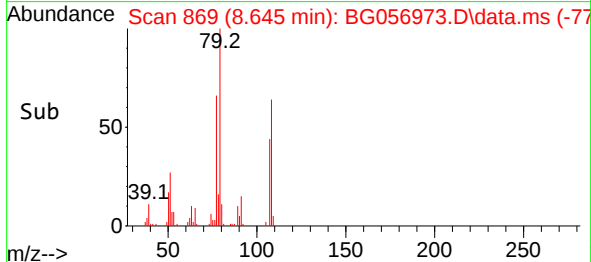
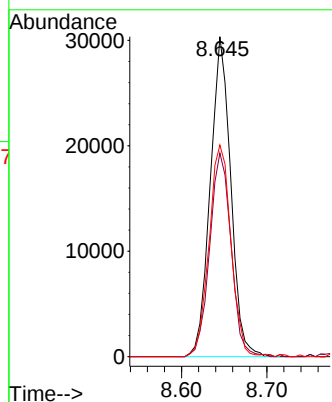
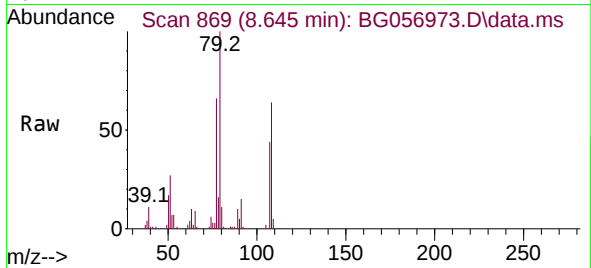
#15
Benzyl Alcohol
Concen: 45.963 ng
RT: 8.645 min Scan# 869
Delta R.T. -0.000 min
Lab File: BG056973.D
Acq: 4 Apr 2023 20:17

Instrument :
BNA_G
ClientSampleId :
WC-6MSD

Tgt Ion: 79 Resp: 50484
Ion Ratio Lower Upper
79 100
108 63.6 51.2 76.8
77 66.1 54.4 81.6

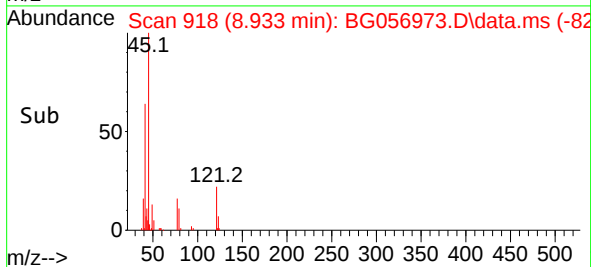
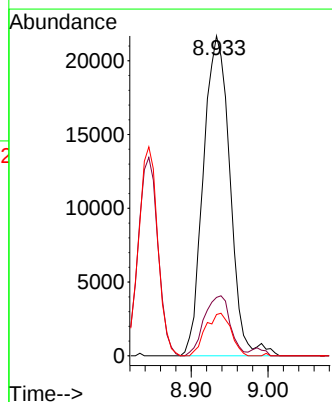
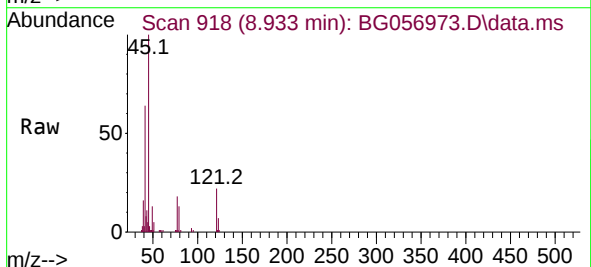
Manual Integrations
APPROVED

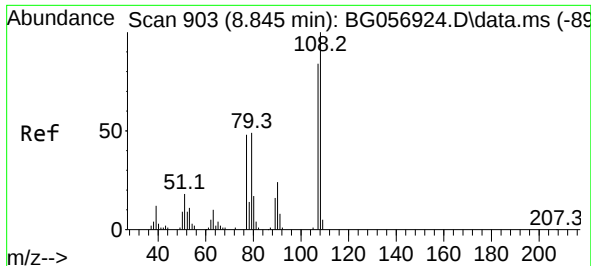
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.494 ng m
RT: 8.933 min Scan# 918
Delta R.T. -0.000 min
Lab File: BG056973.D
Acq: 4 Apr 2023 20:17

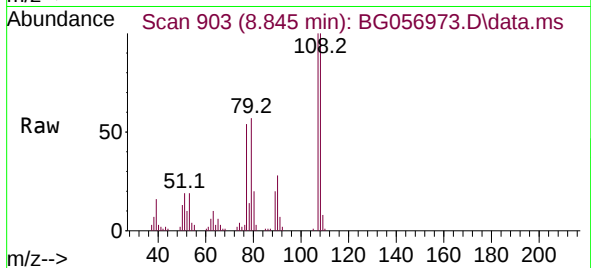
Tgt Ion: 45 Resp: 52279
Ion Ratio Lower Upper
45 100
77 18.3 0.0 38.7
79 12.9 0.0 35.1





#17
2-Methylphenol
Concen: 45.586 ng
RT: 8.845 min Scan# 90
Delta R.T. -0.000 min
Lab File: BG056973.D
Acq: 4 Apr 2023 20:17

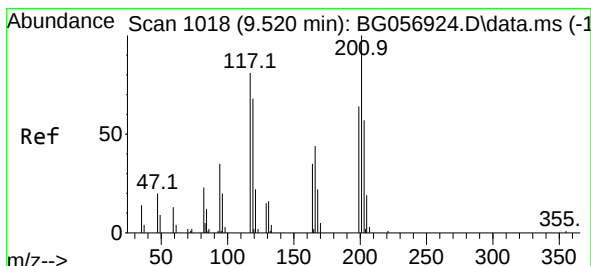
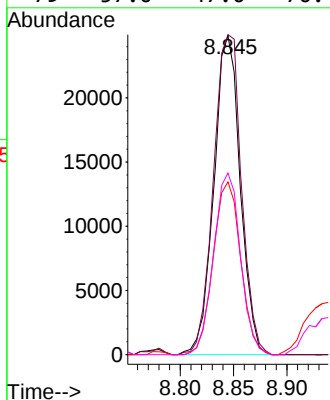
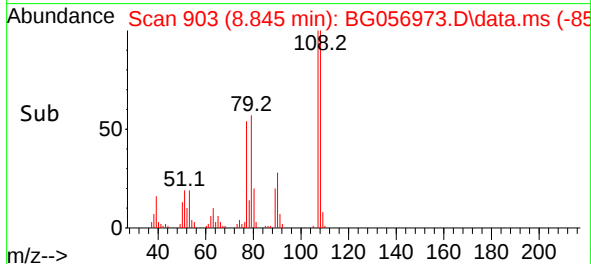
Instrument :
BNA_G
ClientSampleId :
WC-6MSD



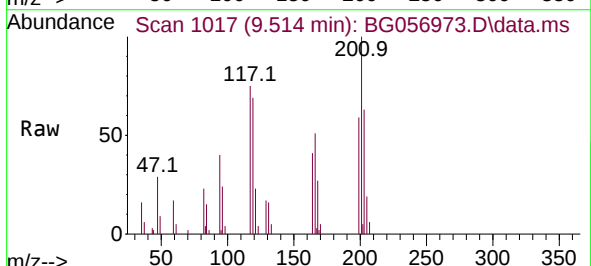
Tgt Ion:	107	Resp:	42598
Ion	Ratio	Lower	Upper
107	100		
108	100.4	96.0	144.0
77	54.2	45.6	68.4
79	57.0	47.0	70.4

Manual Integrations
APPROVED

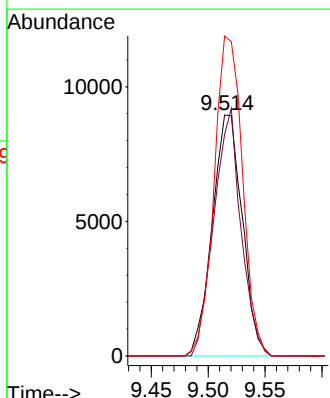
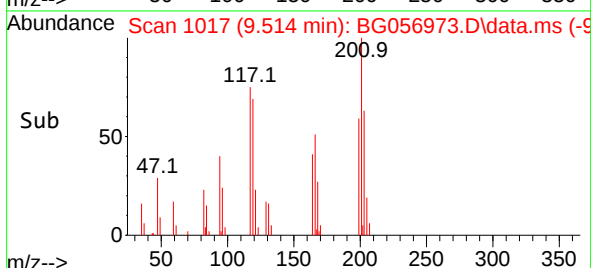
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023

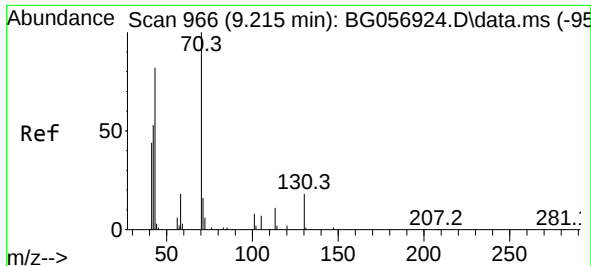


#18
Hexachloroethane
Concen: 45.718 ng
RT: 9.514 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BG056973.D
Acq: 4 Apr 2023 20:17



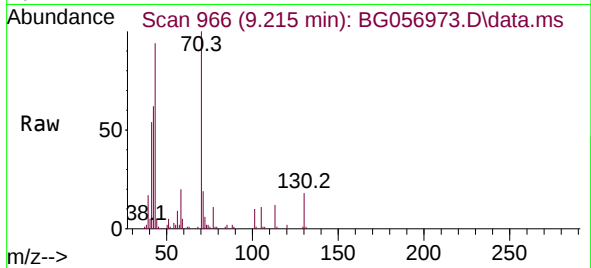
Tgt Ion:	117	Resp:	16405
Ion	Ratio	Lower	Upper
117	100		
119	92.0	67.0	100.6
201	132.8	98.7	148.1





#19
n-Nitroso-di-n-propylamine
Concen: 42.545 ng
RT: 9.215 min Scan# 90
Delta R.T. -0.000 min
Lab File: BG056973.D
Acq: 4 Apr 2023 20:17

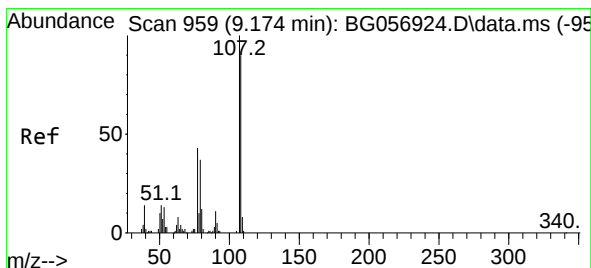
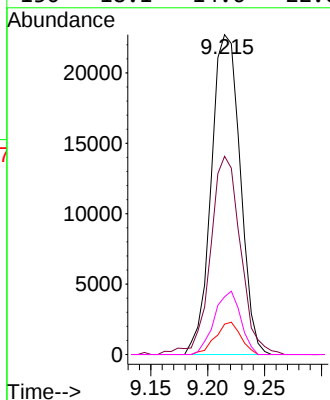
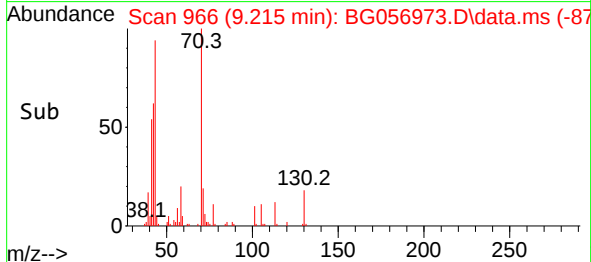
Instrument :
BNA_G
ClientSampleId :
WC-6MSD



Tgt Ion: 70 Resp: 40226
Ion Ratio Lower Upper
70 100
42 62.0 43.4 65.0
101 9.5 6.2 9.2
130 18.1 14.6 22.0

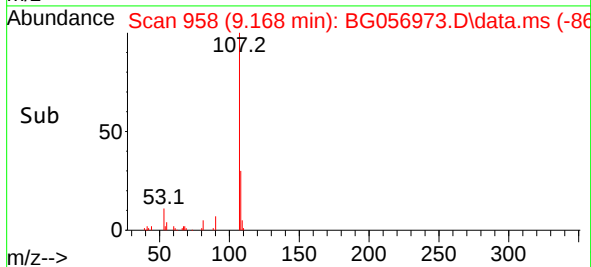
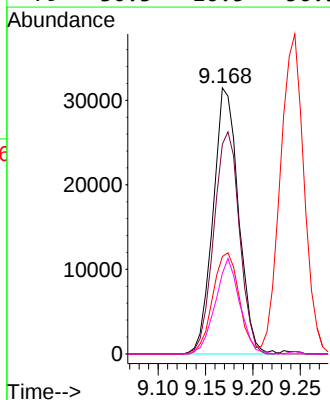
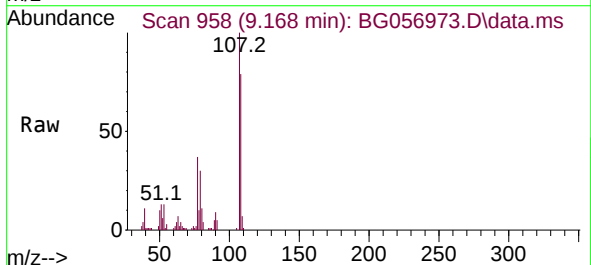
Manual Integrations
APPROVED

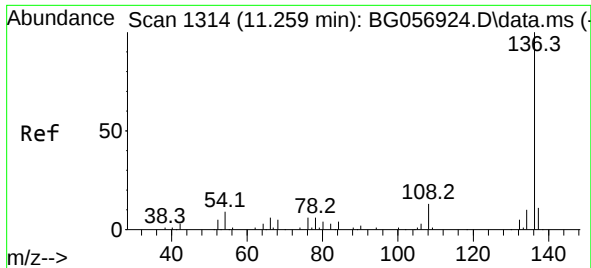
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#20
3+4-Methylphenols
Concen: 44.770 ng
RT: 9.168 min Scan# 958
Delta R.T. -0.006 min
Lab File: BG056973.D
Acq: 4 Apr 2023 20:17

Tgt Ion:107 Resp: 58500
Ion Ratio Lower Upper
107 100
108 78.8 69.9 109.9
77 36.6 22.7 62.7
79 30.3 16.5 56.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.253 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BG056973.D
Acq: 4 Apr 2023 20:17

Instrument :

BNA_G

ClientSampleId :

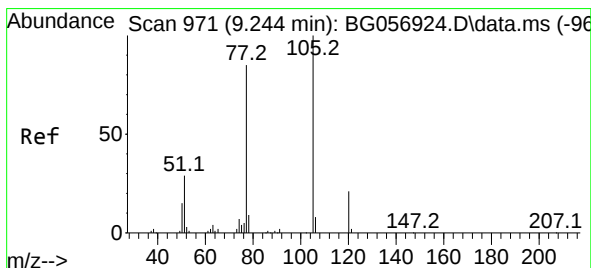
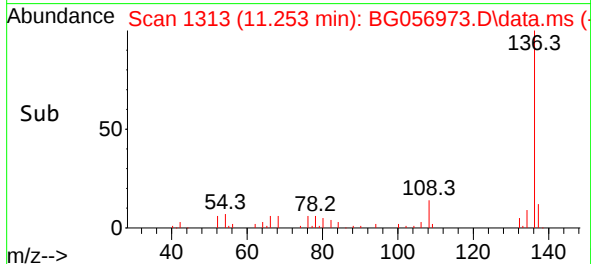
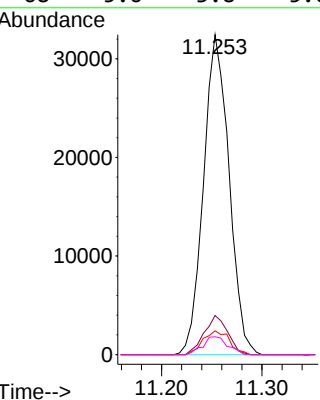
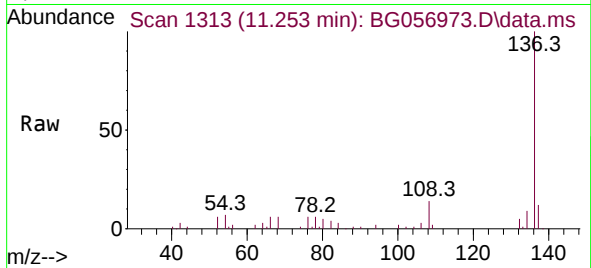
WC-6MSD

Tgt Ion:136 Resp: 57298
Ion Ratio Lower Upper
136 100
137 12.2 8.6 13.0
54 7.4 6.9 10.3
68 5.6 3.8 5.6

Manual Integrations

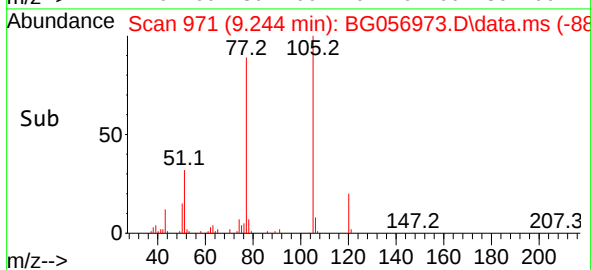
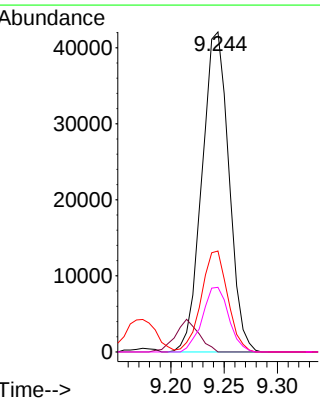
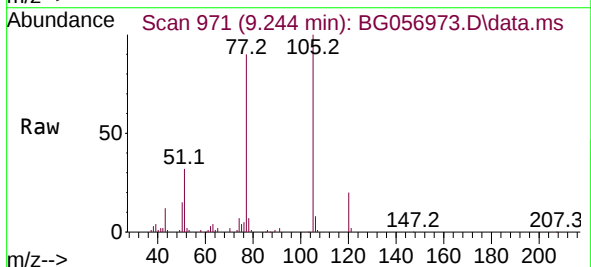
APPROVED

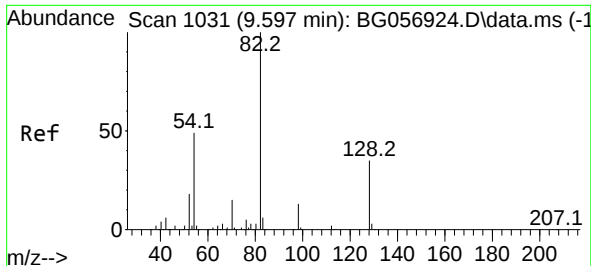
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#22
Acetophenone
Concen: 43.430 ng
RT: 9.244 min Scan# 971
Delta R.T. -0.000 min
Lab File: BG056973.D
Acq: 4 Apr 2023 20:17

Tgt Ion:105 Resp: 74047
Ion Ratio Lower Upper
105 100
71 0.0 0.7 1.1#
51 31.5 23.8 35.8
120 20.2 17.0 25.4





#23

Nitrobenzene-d5

Concen: 85.514 ng

RT: 9.591 min Scan# 1030

Delta R.T. -0.006 min

Lab File: BG056973.D

Acq: 4 Apr 2023 20:17

Instrument :

BNA_G

ClientSampleId :

WC-6MSD

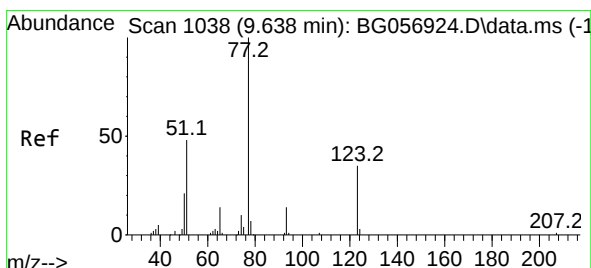
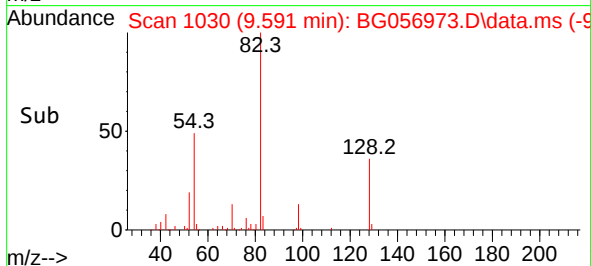
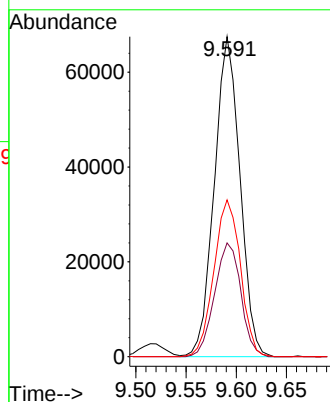
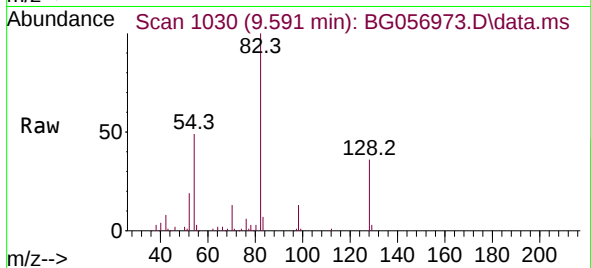
Tgt Ion: 82 Resp: 11974

Ion	Ratio	Lower	Upper
82	100		
128	35.5	27.9	41.9
54	49.0	39.4	59.2

Manual Integrations

APPROVED

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



#24

Nitrobenzene

Concen: 43.807 ng

RT: 9.638 min Scan# 1038

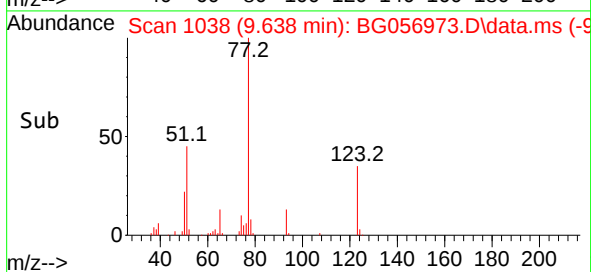
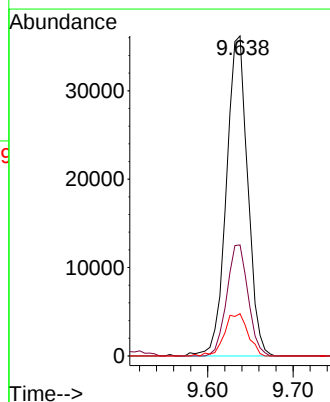
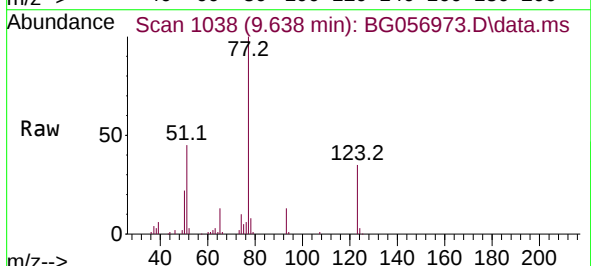
Delta R.T. -0.000 min

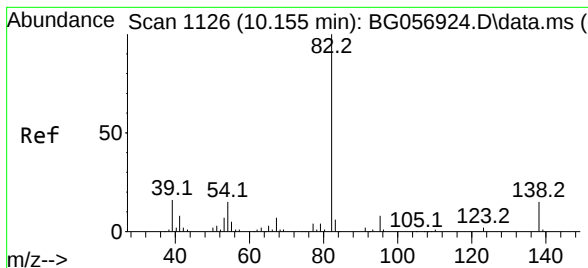
Lab File: BG056973.D

Acq: 4 Apr 2023 20:17

Tgt Ion: 77 Resp: 62717

Ion	Ratio	Lower	Upper
77	100		
123	34.7	27.6	41.4
65	13.2	11.5	17.3





#25

Isophorone

Concen: 43.076 ng

RT: 10.155 min Scan# 1126

Delta R.T. -0.000 min

Lab File: BG056973.D

Acq: 4 Apr 2023 20:17

Instrument :

BNA_G

ClientSampleId :

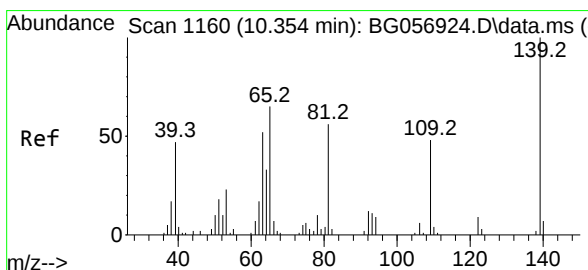
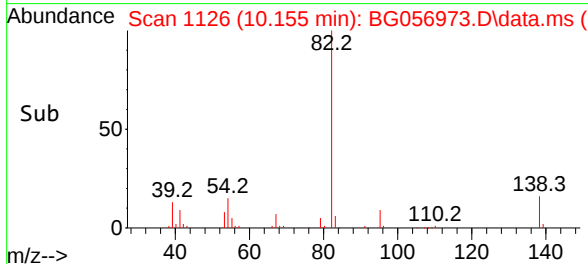
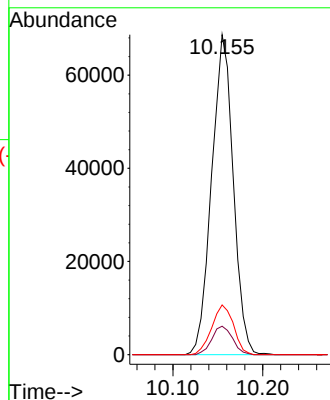
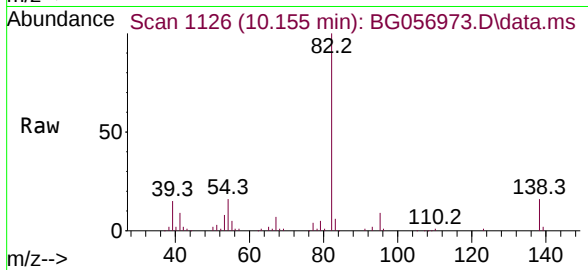
WC-6MSD

Tgt Ion: 82 Resp: 11486
 Ion Ratio Lower Upper
 82 100
 95 8.9 6.3 9.5
 138 15.5 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: 45.345 ng

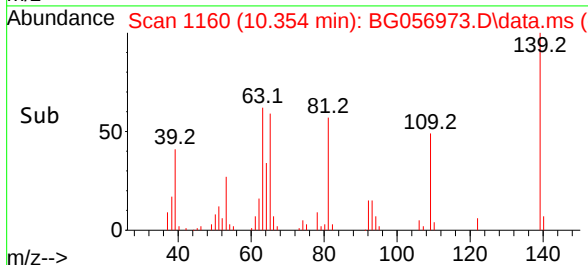
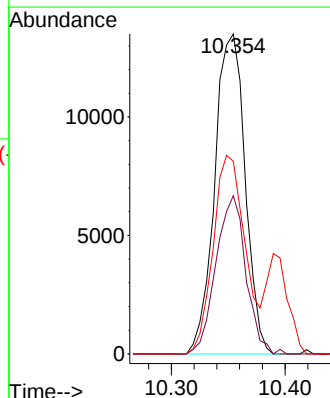
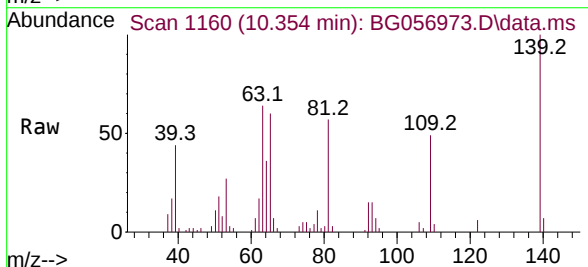
RT: 10.354 min Scan# 1160

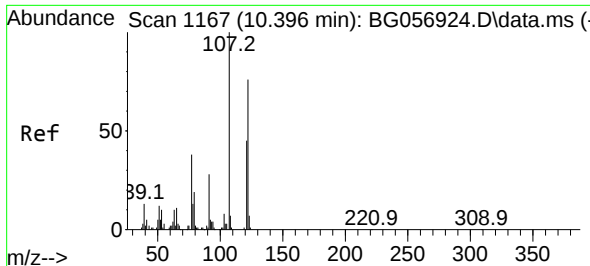
Delta R.T. -0.000 min

Lab File: BG056973.D

Acq: 4 Apr 2023 20:17

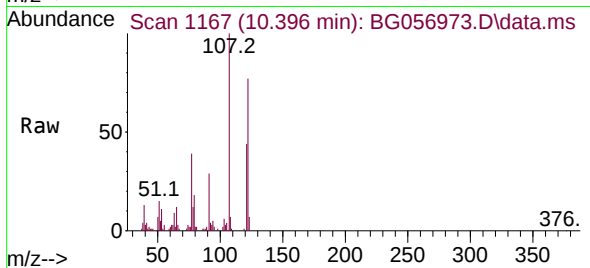
Tgt Ion:139 Resp: 25058
 Ion Ratio Lower Upper
 139 100
 109 49.4 38.2 57.4
 65 60.2 51.8 77.8





#27
2,4-Dimethylphenol
Concen: 46.383 ng
RT: 10.396 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BG056973.D
Acq: 4 Apr 2023 20:17

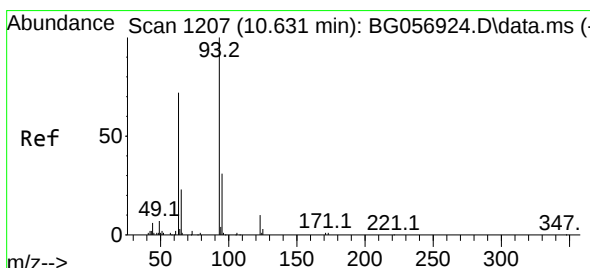
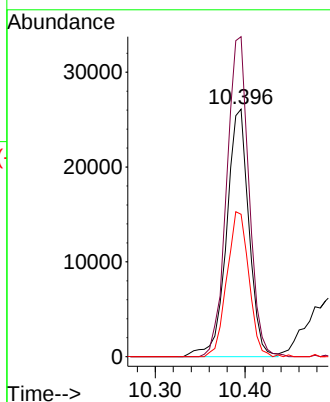
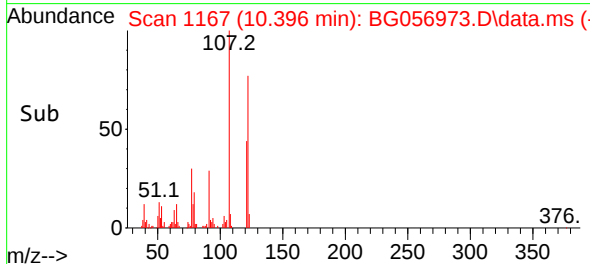
Instrument :
BNA_G
ClientSampleId :
WC-6MSD



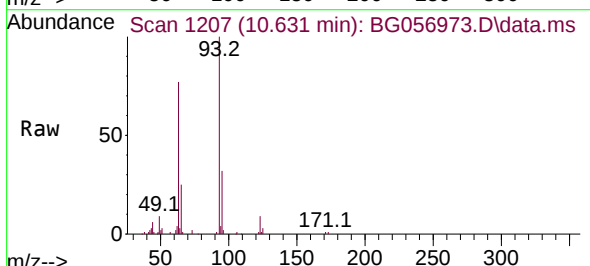
Tgt Ion:122 Resp: 45258
Ion Ratio Lower Upper
122 100
107 129.3 105.7 158.5
121 57.5 48.0 72.0

Manual Integrations
APPROVED

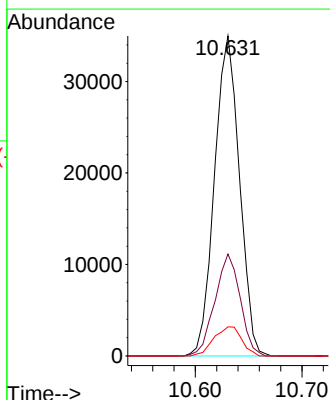
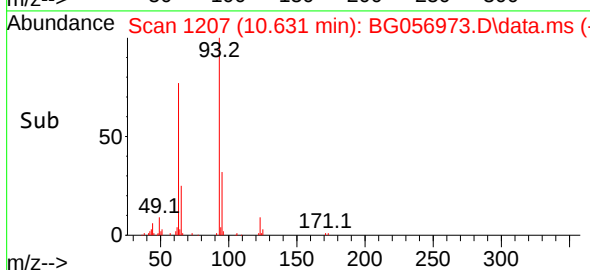
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023

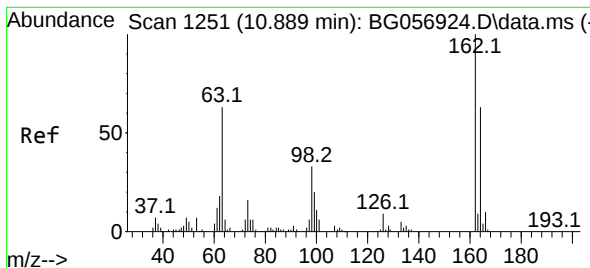


#28
bis(2-Chloroethoxy)methane
Concen: 42.623 ng
RT: 10.631 min Scan# 1207
Delta R.T. -0.000 min
Lab File: BG056973.D
Acq: 4 Apr 2023 20:17



Tgt Ion: 93 Resp: 56902
Ion Ratio Lower Upper
93 100
95 31.9 24.6 37.0
123 9.1 7.8 11.6





#29

2,4-Dichlorophenol

Concen: 47.279 ng

RT: 10.889 min Scan# 1251

Delta R.T. -0.000 min

Lab File: BG056973.D

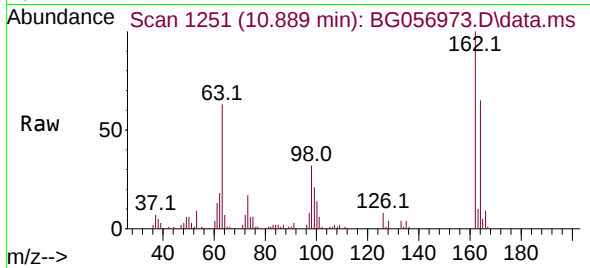
Acq: 4 Apr 2023 20:17

Instrument :

BNA_G

ClientSampleId :

WC-6MSD



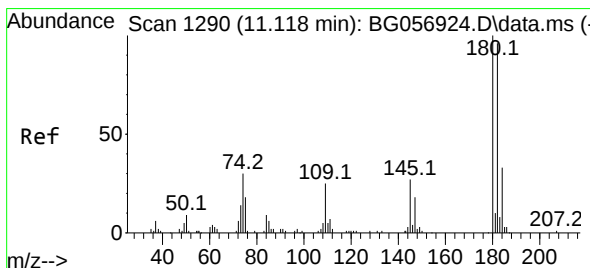
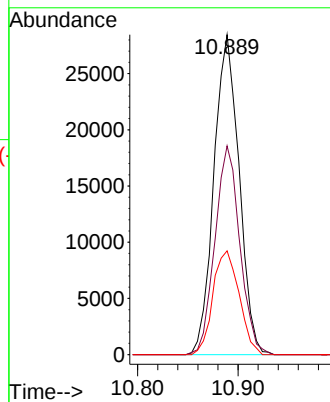
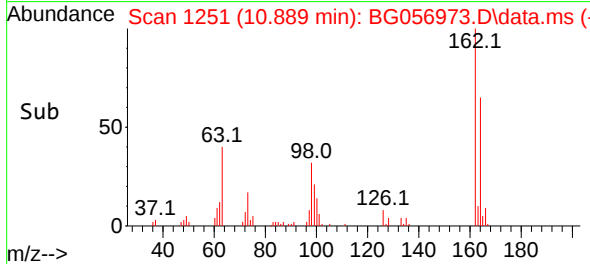
Tgt Ion:	162	Resp:	49610
Ion Ratio	Lower	Upper	
162	100		
164	65.2	43.4	83.4
98	32.4	12.5	52.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/05/2023

Supervised By :Jagrut Upadhyay 04/05/2023



#30

1,2,4-Trichlorobenzene

Concen: 44.885 ng

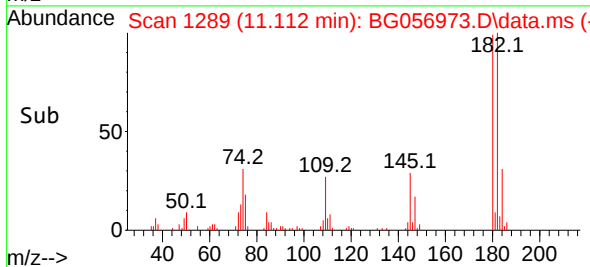
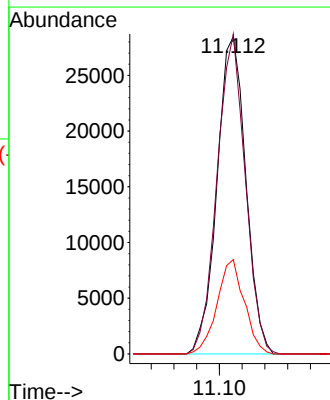
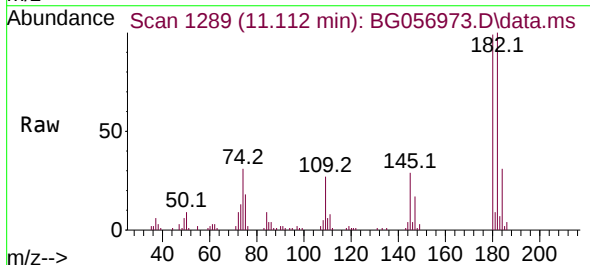
RT: 11.112 min Scan# 1289

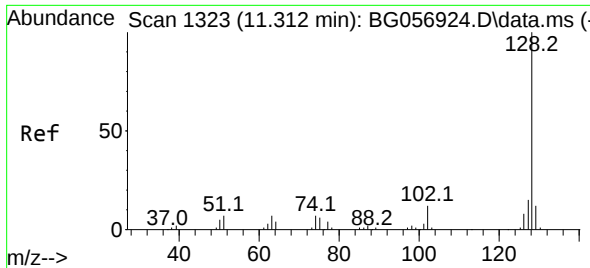
Delta R.T. -0.006 min

Lab File: BG056973.D

Acq: 4 Apr 2023 20:17

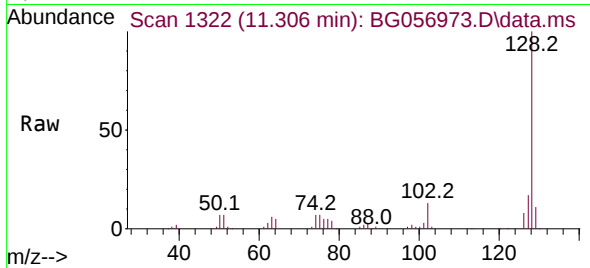
Tgt Ion:	180	Resp:	50043
Ion Ratio	Lower	Upper	
180	100		
182	100.9	77.1	115.7
145	29.7	21.3	31.9





#31
Naphthalene
Concen: 42.937 ng
RT: 11.306 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BG056973.D
Acq: 4 Apr 2023 20:17

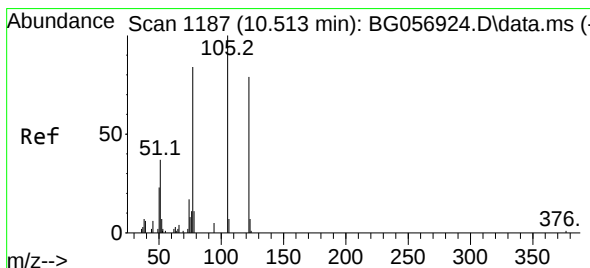
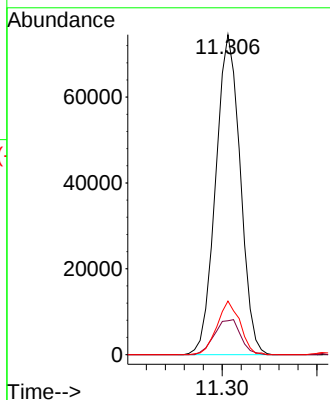
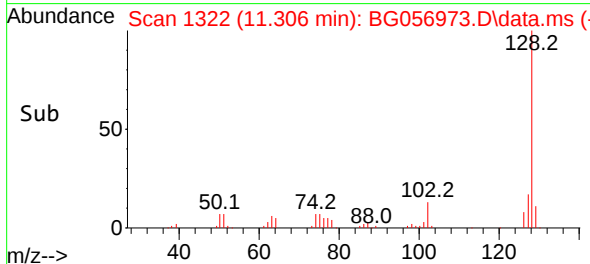
Instrument :
BNA_G
ClientSampleId :
WC-6MSD



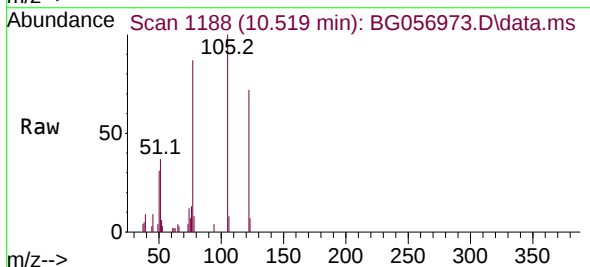
Tgt Ion:128 Resp: 134098
Ion Ratio Lower Upper
128 100
129 10.6 9.4 14.2
127 16.7 12.2 18.4

Manual Integrations
APPROVED

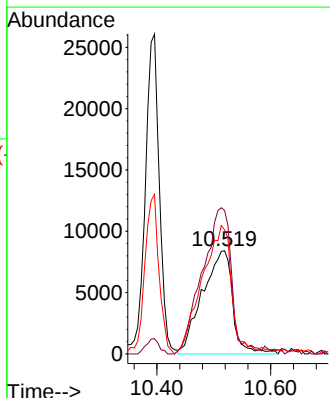
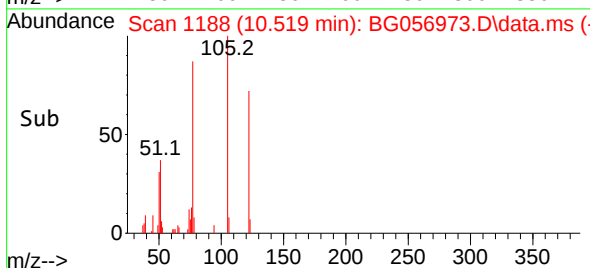
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023

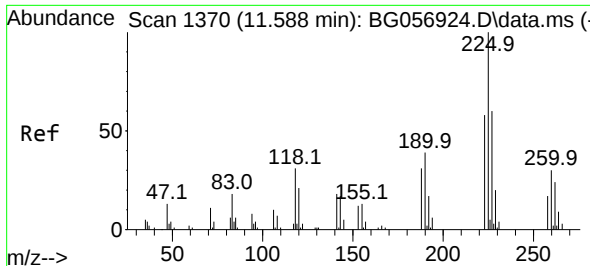


#32
Benzoic acid
Concen: 46.320 ng
RT: 10.519 min Scan# 1188
Delta R.T. 0.006 min
Lab File: BG056973.D
Acq: 4 Apr 2023 20:17



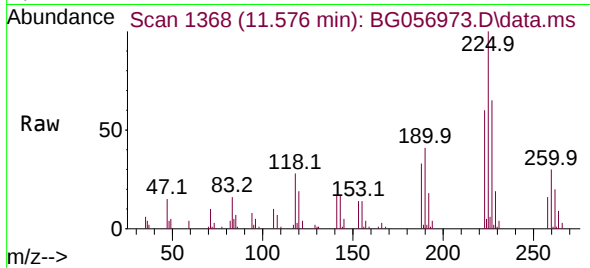
Tgt Ion:122 Resp: 31044
Ion Ratio Lower Upper
122 100
105 139.2 105.4 145.4
77 120.4 87.4 127.4





#34
Hexachlorobutadiene
Concen: 43.380 ng
RT: 11.576 min Scan# 1368
Delta R.T. -0.012 min
Lab File: BG056973.D
Acq: 4 Apr 2023 20:17

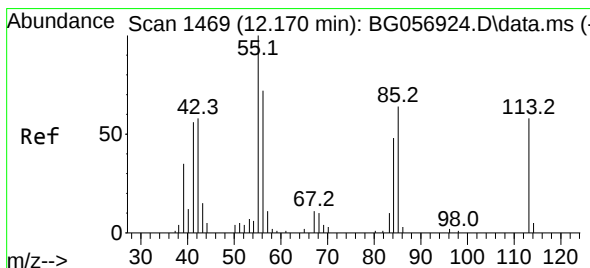
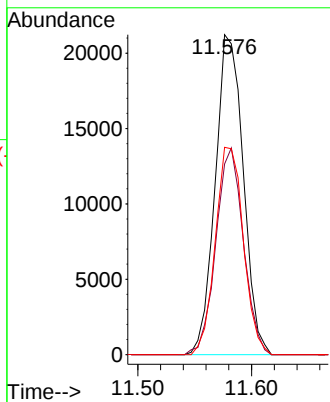
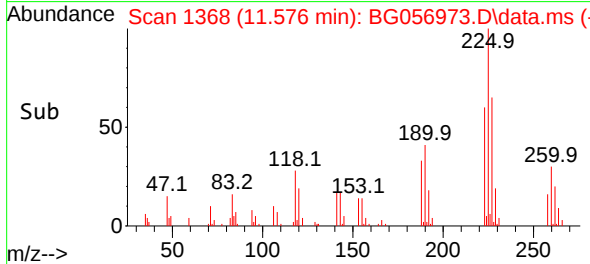
Instrument :
BNA_G
ClientSampleId :
WC-6MSD



Tgt Ion:225 Resp: 3633
Ion Ratio Lower Upper
225 100
223 59.6 46.4 69.6
227 64.8 48.0 72.0

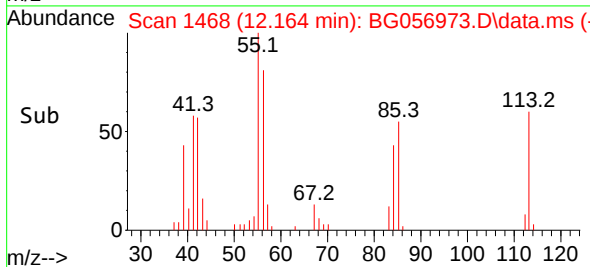
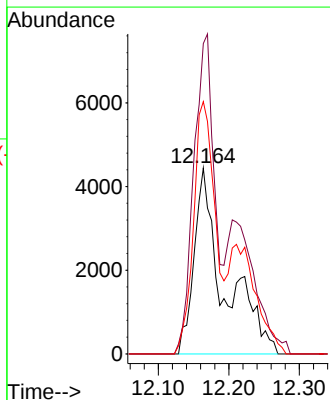
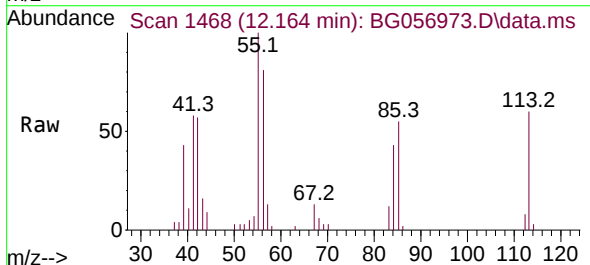
Manual Integrations
APPROVED

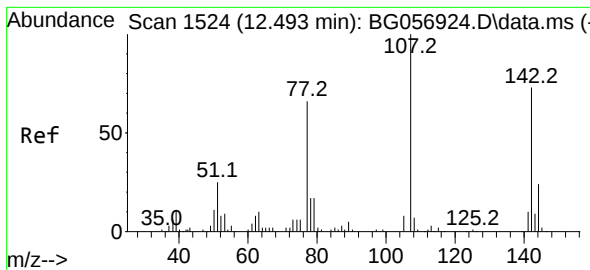
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#35
Caprolactam
Concen: 36.184 ng m
RT: 12.164 min Scan# 1468
Delta R.T. -0.006 min
Lab File: BG056973.D
Acq: 4 Apr 2023 20:17

Tgt Ion:113 Resp: 13094
Ion Ratio Lower Upper
113 100
55 167.0 151.6 191.6
56 135.7 103.7 143.7





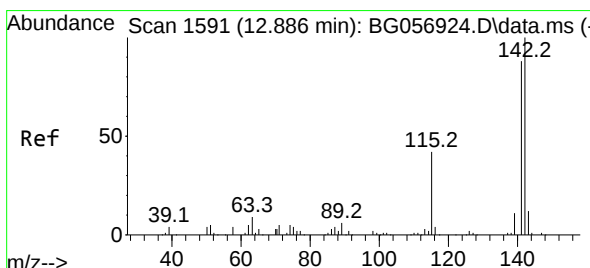
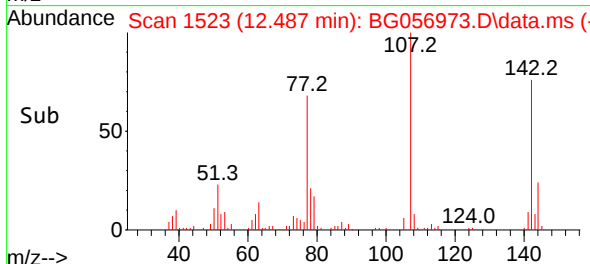
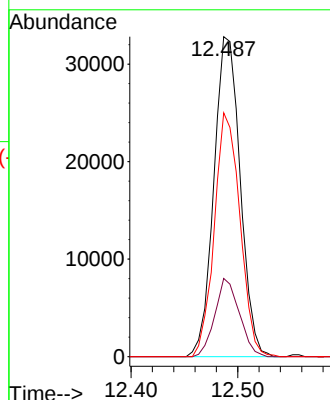
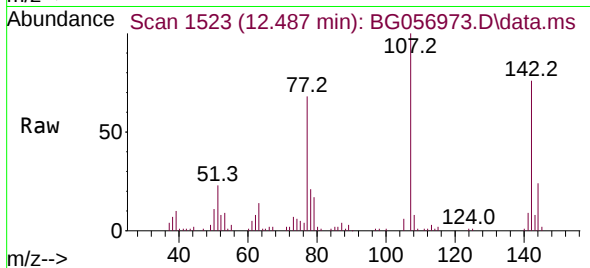
#36
4-Chloro-3-methylphenol
Concen: 47.997 ng
RT: 12.487 min Scan# 1523
Delta R.T. -0.006 min
Lab File: BG056973.D
Acq: 4 Apr 2023 20:17

Instrument :
BNA_G
ClientSampleId :
WC-6MSD

Tgt Ion:107 Resp: 56323
Ion Ratio Lower Upper
107 100
144 24.4 19.0 28.4
142 76.2 58.6 88.0

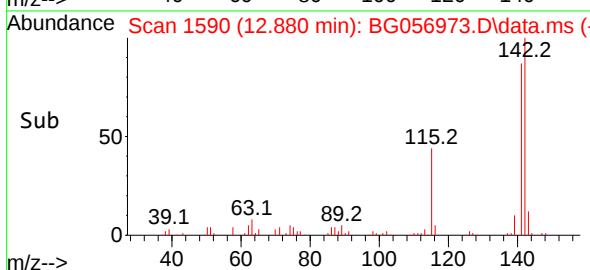
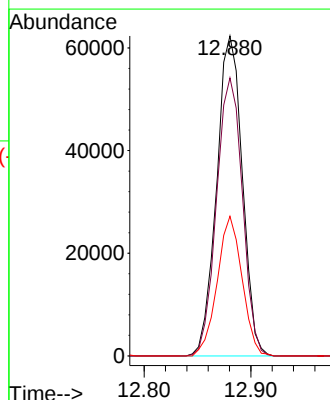
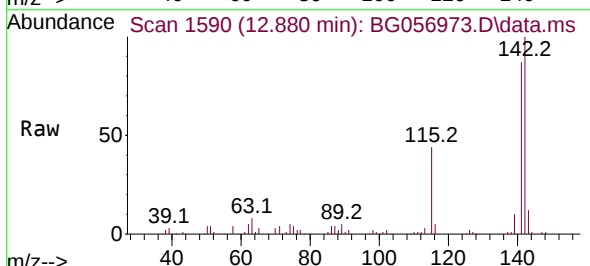
Manual Integrations
APPROVED

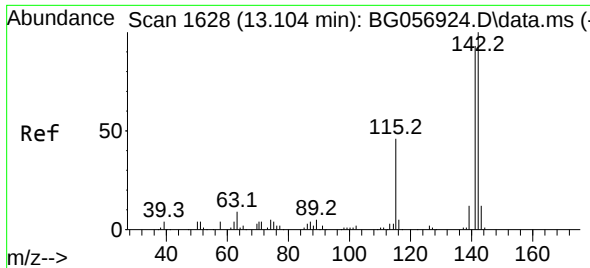
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#37
2-Methylnaphthalene
Concen: 42.168 ng
RT: 12.880 min Scan# 1590
Delta R.T. -0.006 min
Lab File: BG056973.D
Acq: 4 Apr 2023 20:17

Tgt Ion:142 Resp: 104522
Ion Ratio Lower Upper
142 100
141 86.9 70.3 105.5
115 43.6 33.5 50.3





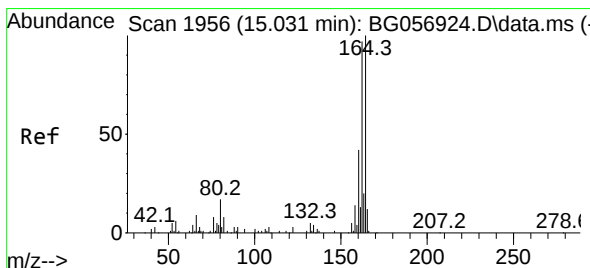
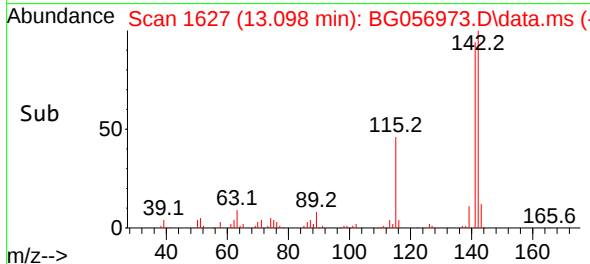
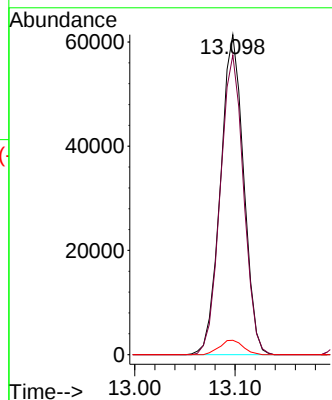
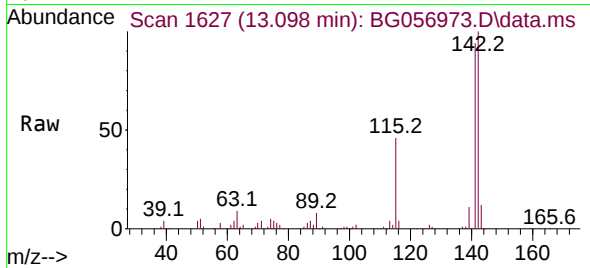
#38
1-Methylnaphthalene
Concen: 42.378 ng
RT: 13.098 min Scan# 1627
Delta R.T. -0.006 min
Lab File: BG056973.D
Acq: 4 Apr 2023 20:17

Instrument :
BNA_G
ClientSampleId :
WC-6MSD

Tgt Ion:142 Resp: 98635
Ion Ratio Lower Upper
142 100
141 93.6 74.0 111.0
116 4.5 3.7 5.5

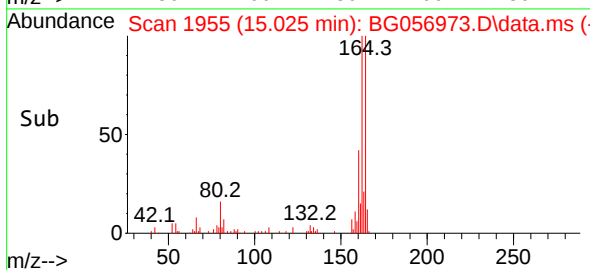
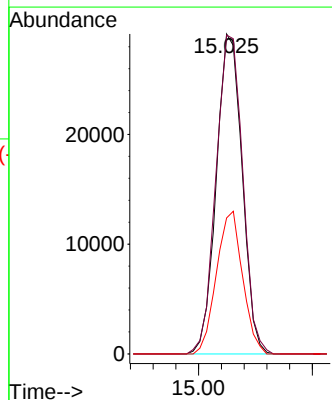
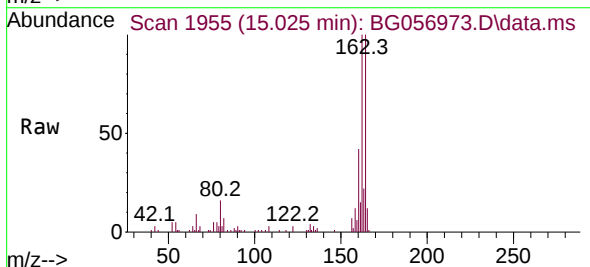
Manual Integrations
APPROVED

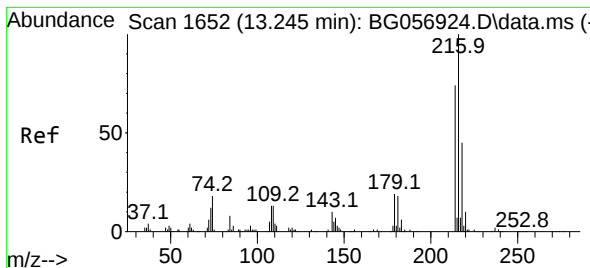
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.025 min Scan# 1955
Delta R.T. -0.006 min
Lab File: BG056973.D
Acq: 4 Apr 2023 20:17

Tgt Ion:164 Resp: 45913
Ion Ratio Lower Upper
164 100
162 99.6 77.8 116.8
160 42.5 33.5 50.3





#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.682 ng

RT: 13.239 min Scan# 1651

Delta R.T. -0.006 min

Lab File: BG056973.D

Acq: 4 Apr 2023 20:17

Instrument :

BNA_G

ClientSampleId :

WC-6MSD

Tgt Ion:216 Resp: 71139

Ion Ratio Lower Upper

216 100

214 78.9 63.3 94.9

179 18.1 15.0 22.6

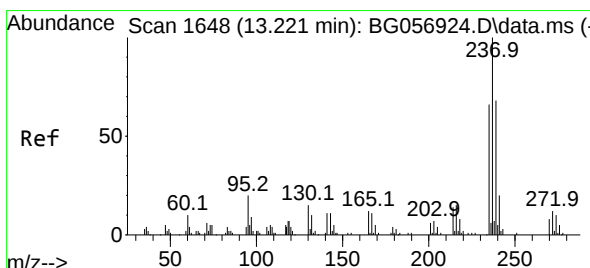
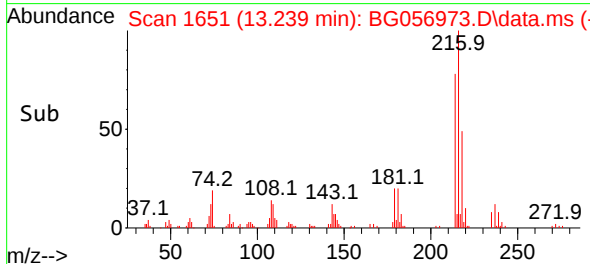
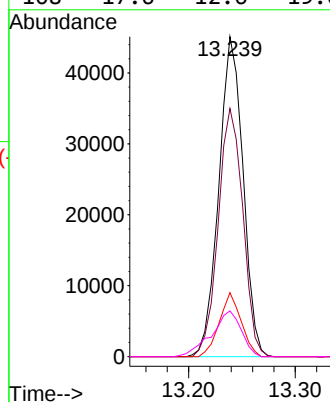
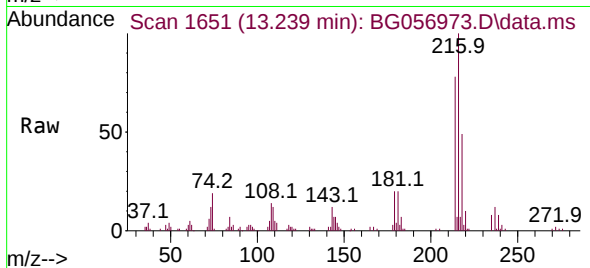
108 17.6 12.6 19.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/05/2023

Supervised By :Jagrut Upadhyay 04/05/2023



#41

Hexachlorocyclopentadiene

Concen: 111.473 ng

RT: 13.215 min Scan# 1647

Delta R.T. -0.006 min

Lab File: BG056973.D

Acq: 4 Apr 2023 20:17

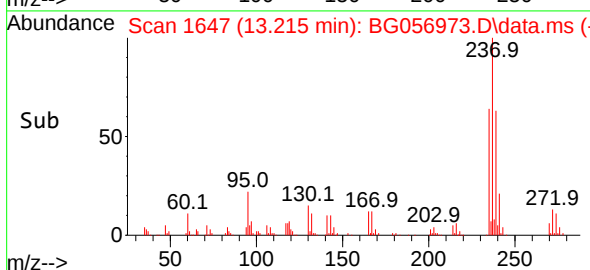
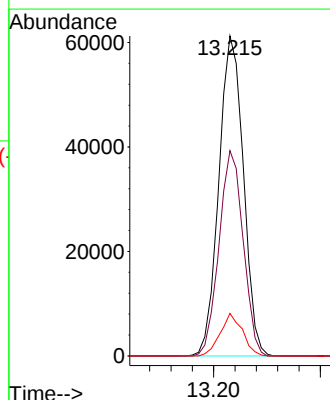
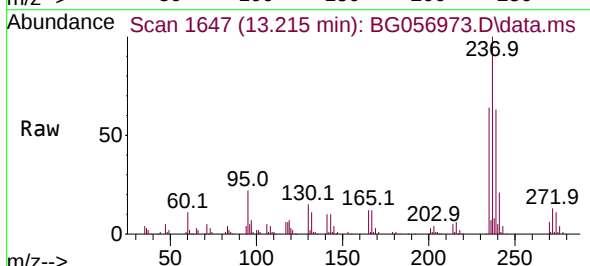
Tgt Ion:237 Resp: 97787

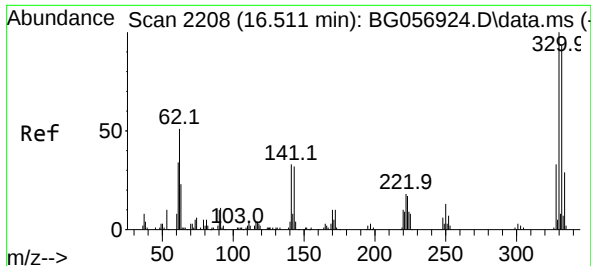
Ion Ratio Lower Upper

237 100

235 64.1 45.9 85.9

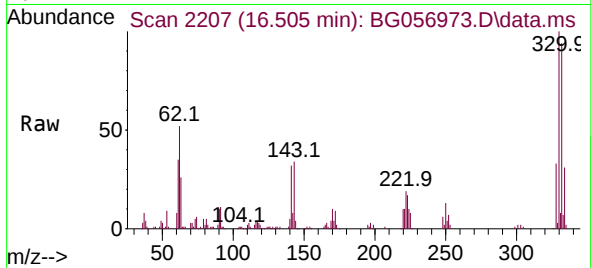
272 13.3 0.0 32.3





#42
2,4,6-Tribromophenol
Concen: 147.113 ng
RT: 16.505 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG056973.D
Acq: 4 Apr 2023 20:17

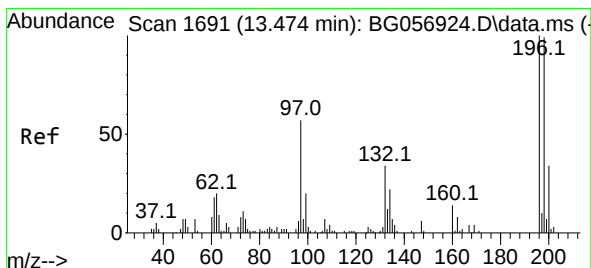
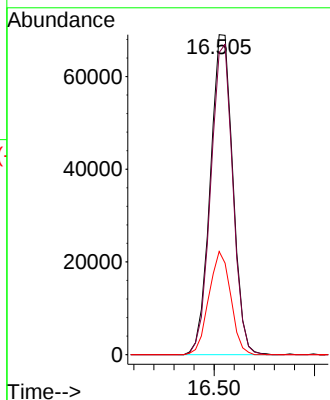
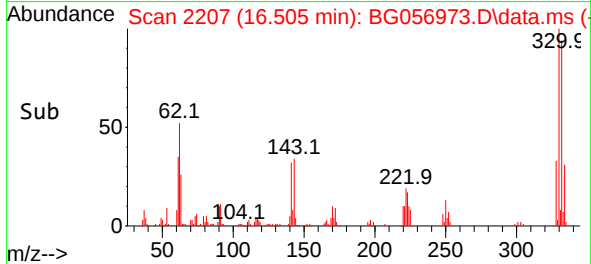
Instrument :
BNA_G
ClientSampleId :
WC-6MSD



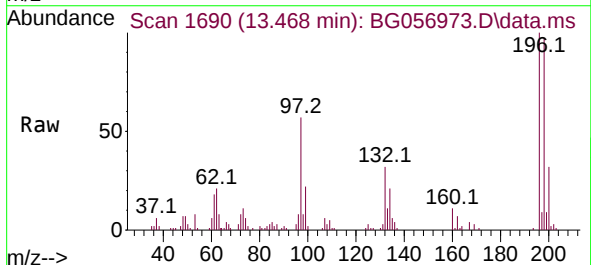
Tgt Ion:330 Resp: 107904
Ion Ratio Lower Upper
330 100
332 94.7 76.1 114.1
141 31.1 25.8 38.6

Manual Integrations
APPROVED

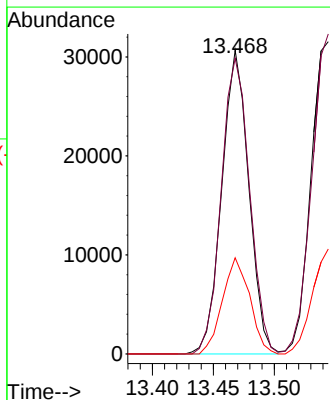
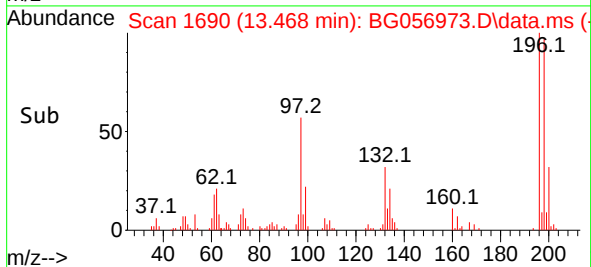
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023

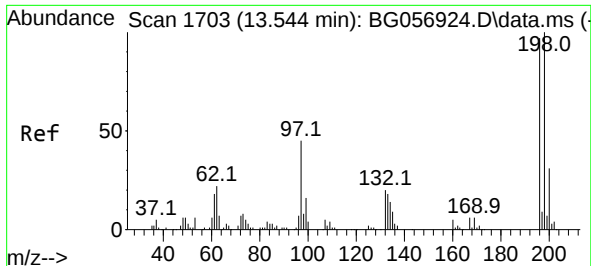


#43
2,4,6-Trichlorophenol
Concen: 46.523 ng
RT: 13.468 min Scan# 1690
Delta R.T. -0.006 min
Lab File: BG056973.D
Acq: 4 Apr 2023 20:17



Tgt Ion:196 Resp: 47267
Ion Ratio Lower Upper
196 100
198 97.3 79.1 118.7
200 31.6 27.2 40.8





#44
2,4,5-Trichlorophenol
Concen: 43.610 ng
RT: 13.544 min Scan# 1703
Delta R.T. -0.000 min
Lab File: BG056973.D
Acq: 4 Apr 2023 20:17

Instrument :

BNA_G

ClientSampleId :

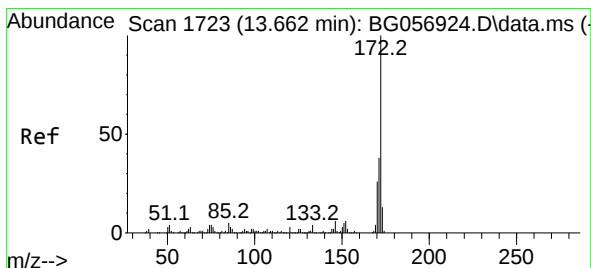
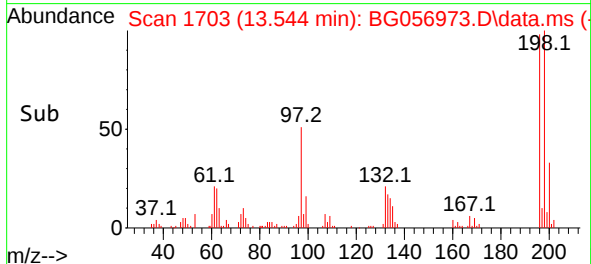
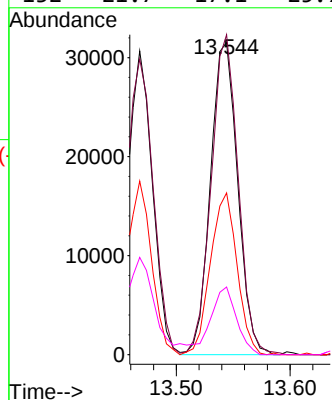
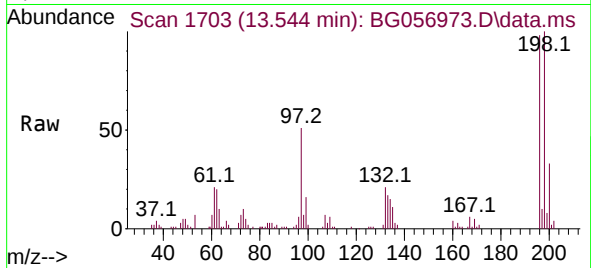
WC-6MSD

Tgt Ion:196 Resp: 52489
Ion Ratio Lower Upper
196 100
198 102.5 82.5 123.7
97 51.8 37.0 55.6
132 21.7 17.1 25.7

Manual Integrations

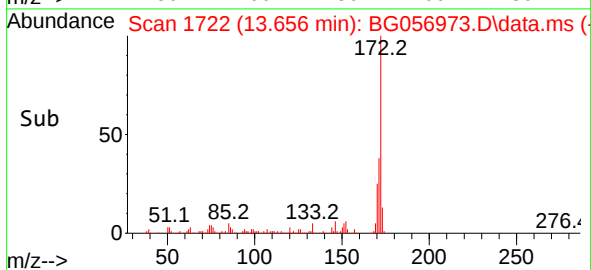
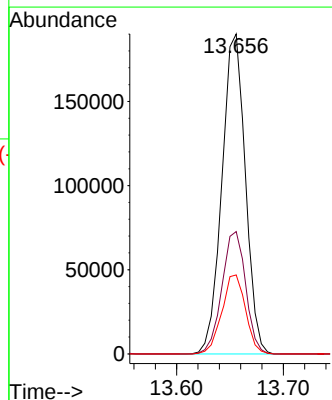
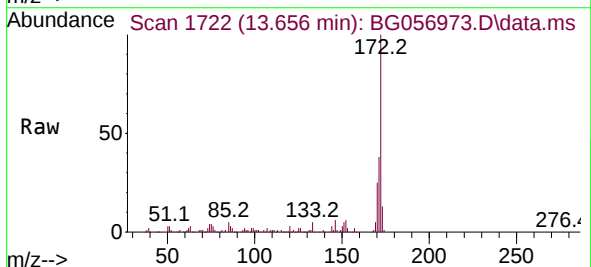
APPROVED

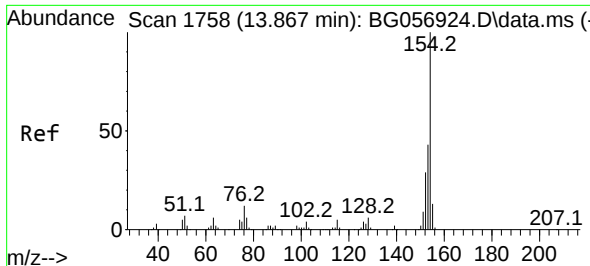
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#45
2-Fluorobiphenyl
Concen: 85.842 ng
RT: 13.656 min Scan# 1722
Delta R.T. -0.006 min
Lab File: BG056973.D
Acq: 4 Apr 2023 20:17

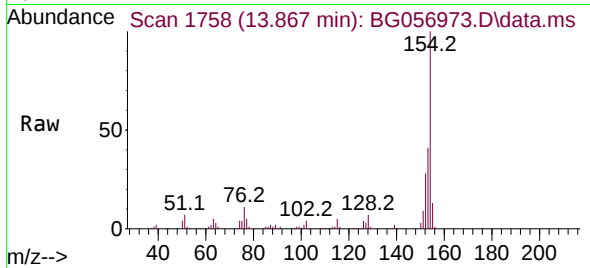
Tgt Ion:172 Resp: 290653
Ion Ratio Lower Upper
172 100
171 38.2 30.6 46.0
170 24.7 20.6 30.8





#46
1,1'-Biphenyl
Concen: 46.026 ng
RT: 13.867 min Scan# 1758
Delta R.T. -0.000 min
Lab File: BG056973.D
Acq: 4 Apr 2023 20:17

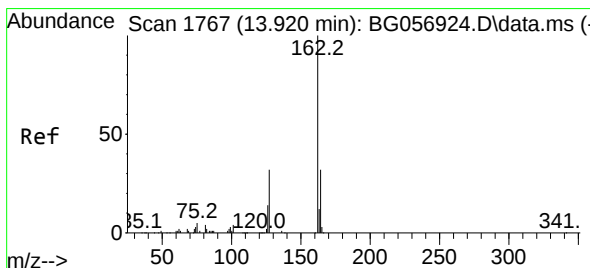
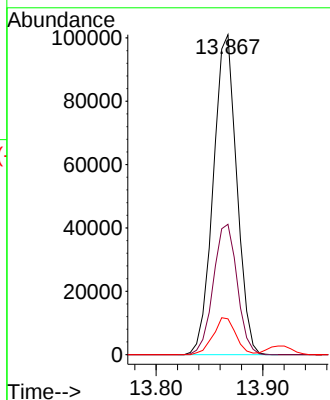
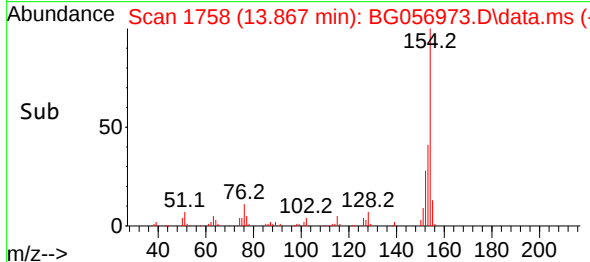
Instrument :
BNA_G
ClientSampleId :
WC-6MSD



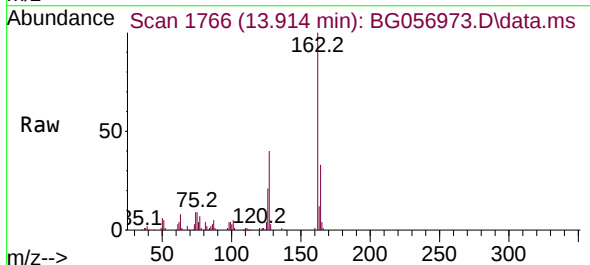
Tgt Ion:154 Resp: 154691
Ion Ratio Lower Upper
154 100
153 40.7 23.4 63.4
76 11.2 0.0 31.6

Manual Integrations
APPROVED

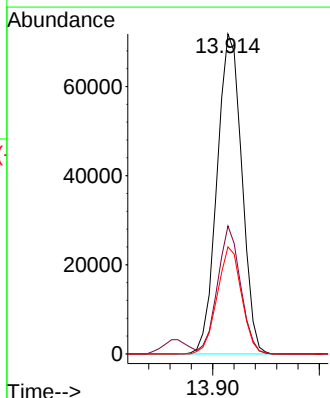
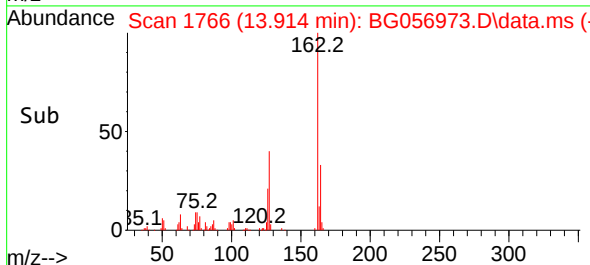
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023

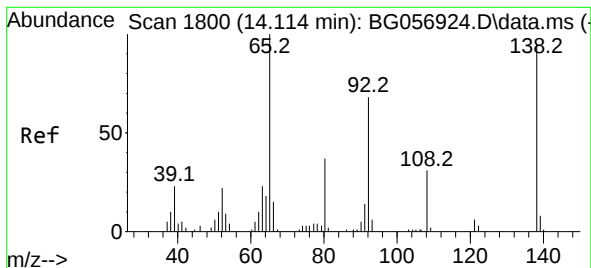


#47
2-Chloronaphthalene
Concen: 46.726 ng
RT: 13.914 min Scan# 1766
Delta R.T. -0.006 min
Lab File: BG056973.D
Acq: 4 Apr 2023 20:17



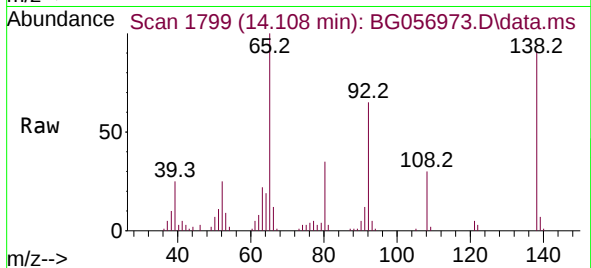
Tgt Ion:162 Resp: 116149
Ion Ratio Lower Upper
162 100
127 40.0 29.5 44.3
164 33.4 25.5 38.3





#48
2-Nitroaniline
Concen: 46.245 ng
RT: 14.108 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG056973.D
Acq: 4 Apr 2023 20:17

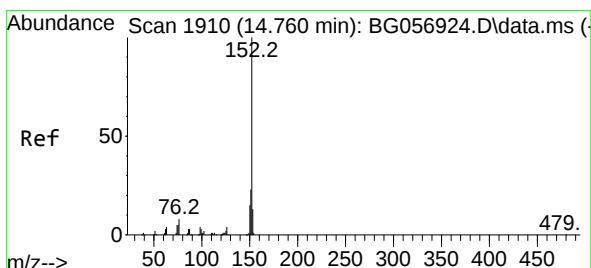
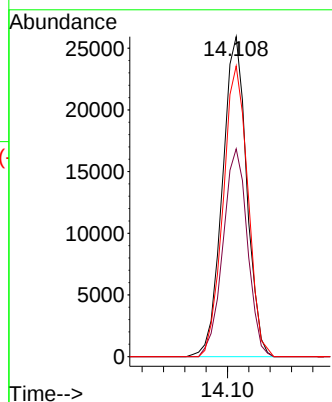
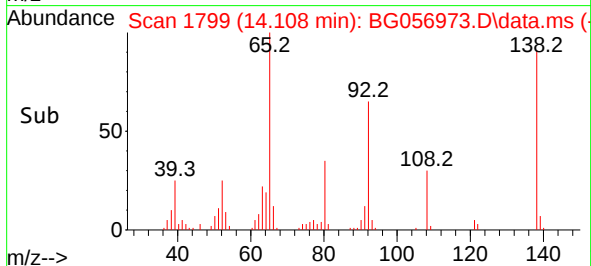
Instrument :
BNA_G
ClientSampleId :
WC-6MSD



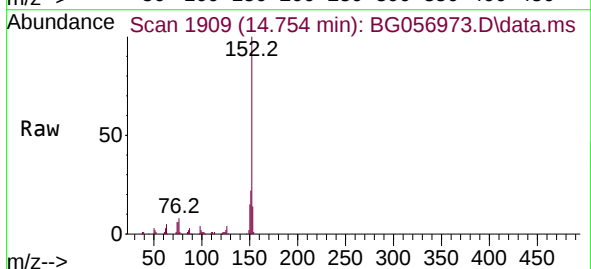
Tgt Ion: 65 Resp: 41104
Ion Ratio Lower Upper
65 100
92 64.9 54.3 81.5
138 90.8 76.0 114.0

Manual Integrations
APPROVED

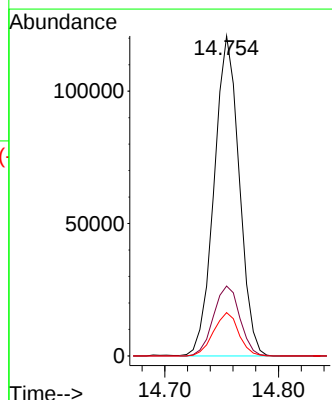
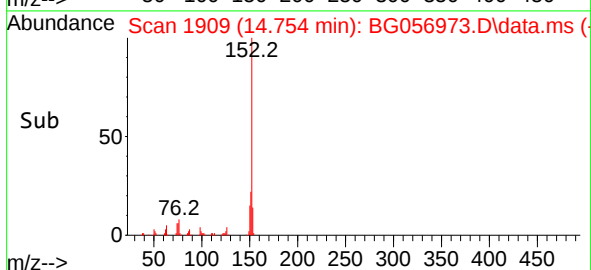
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023

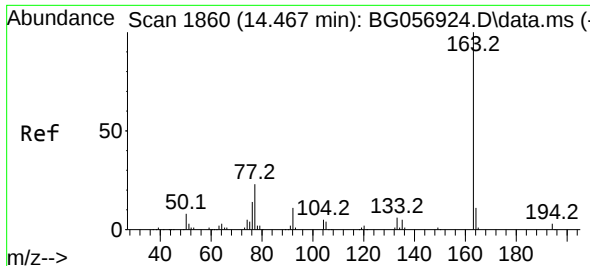


#49
Acenaphthylene
Concen: 45.297 ng
RT: 14.754 min Scan# 1909
Delta R.T. -0.006 min
Lab File: BG056973.D
Acq: 4 Apr 2023 20:17



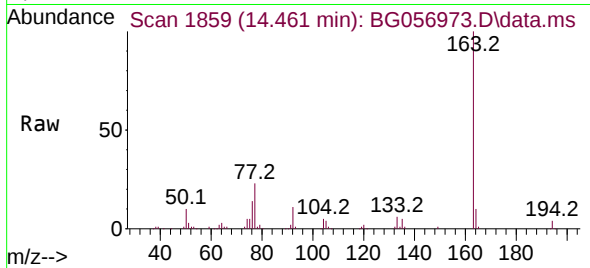
Tgt Ion:152 Resp: 184999
Ion Ratio Lower Upper
152 100
151 21.8 18.2 27.2
153 13.5 10.5 15.7





#50
Dimethylphthalate
Concen: 46.207 ng
RT: 14.461 min Scan# 1859
Delta R.T. -0.006 min
Lab File: BG056973.D
Acq: 4 Apr 2023 20:17

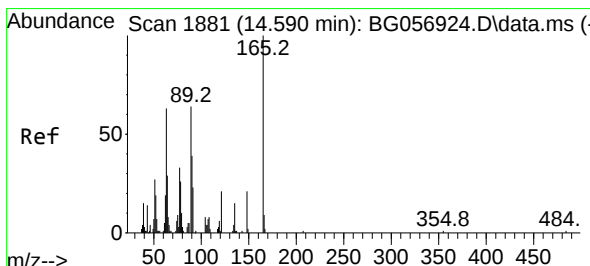
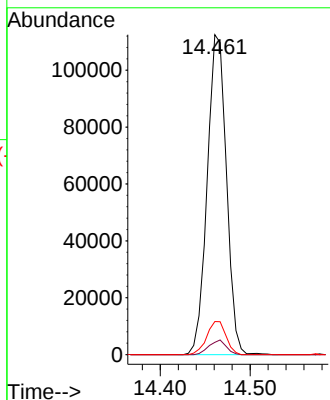
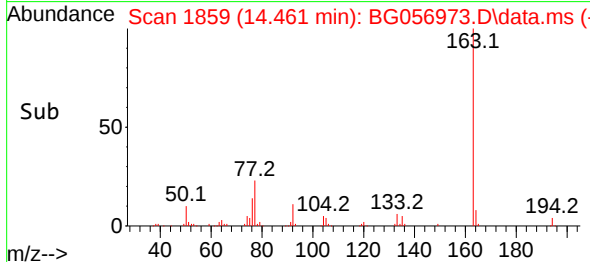
Instrument :
BNA_G
ClientSampleId :
WC-6MSD



Tgt Ion:163 Resp: 167158
Ion Ratio Lower Upper
163 100
194 3.8 2.8 4.2
164 10.3 8.8 13.2

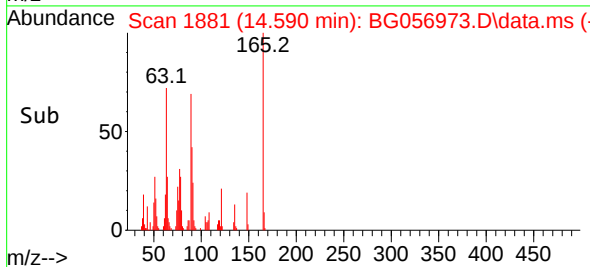
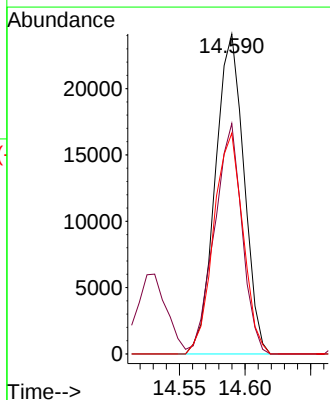
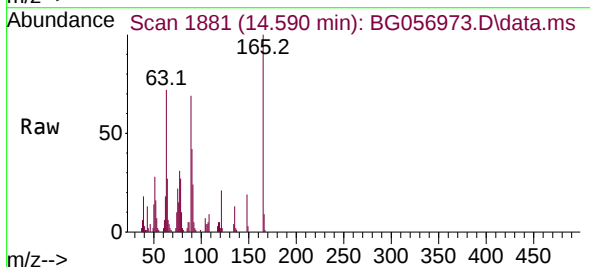
Manual Integrations
APPROVED

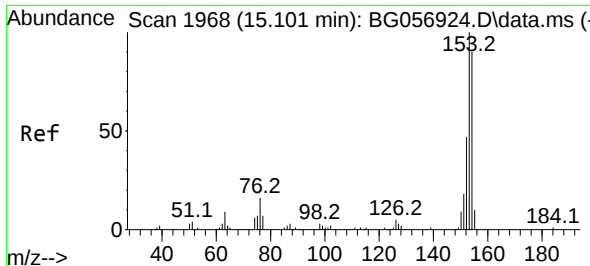
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#51
2,6-Dinitrotoluene
Concen: 46.764 ng
RT: 14.590 min Scan# 1881
Delta R.T. -0.000 min
Lab File: BG056973.D
Acq: 4 Apr 2023 20:17

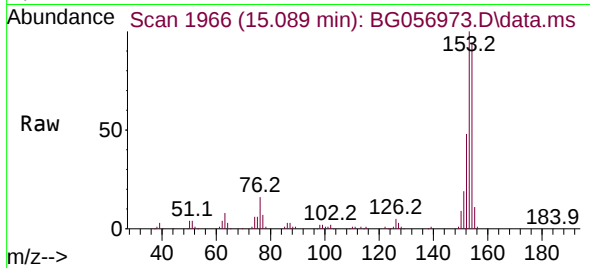
Tgt Ion:165 Resp: 36552
Ion Ratio Lower Upper
165 100
63 72.0 53.0 79.6
89 69.0 51.0 76.4





#52
Acenaphthene
Concen: 54.867 ng m
RT: 15.089 min Scan# 1968
Delta R.T. -0.012 min
Lab File: BG056973.D
Acq: 4 Apr 2023 20:17

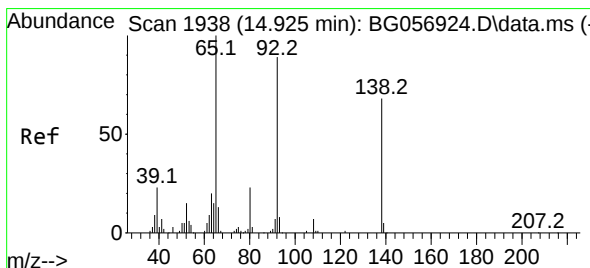
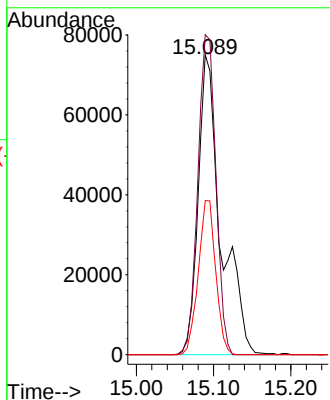
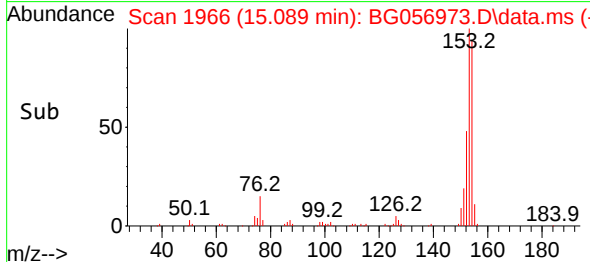
Instrument :
BNA_G
ClientSampleId :
WC-6MSD



Tgt Ion:154 Resp: 15454
Ion Ratio Lower Upper
154 100
153 106.7 88.9 133.3
152 51.4 41.8 62.8

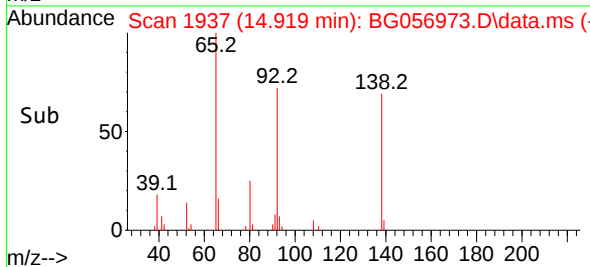
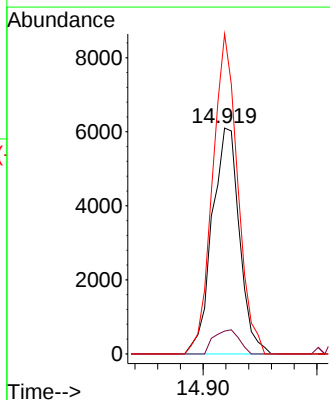
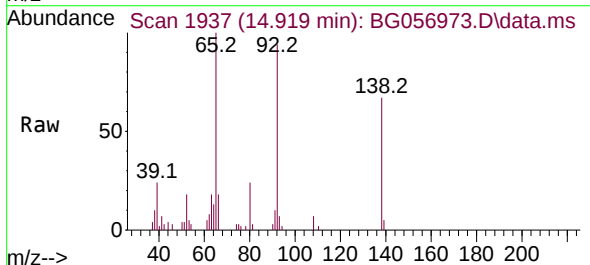
Manual Integrations
APPROVED

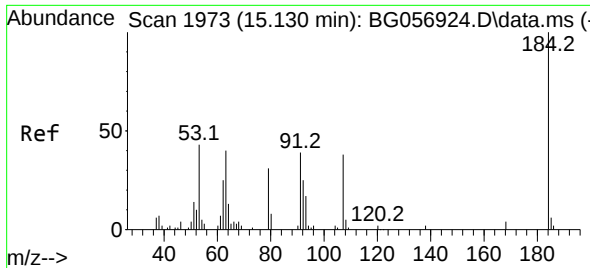
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#53
3-Nitroaniline
Concen: 13.181 ng
RT: 14.919 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BG056973.D
Acq: 4 Apr 2023 20:17

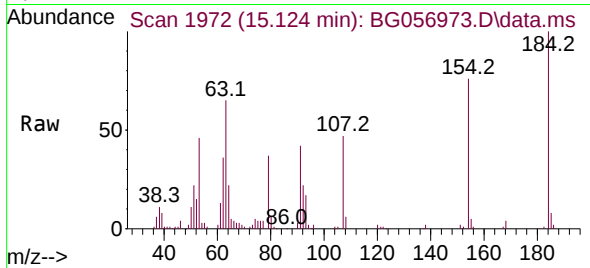
Tgt Ion:138 Resp: 10198
Ion Ratio Lower Upper
138 100
108 10.1 8.2 12.2
92 141.7 105.2 157.8





#54
2,4-Dinitrophenol
Concen: 119.253 ng
RT: 15.124 min Scan# 1973
Delta R.T. -0.006 min
Lab File: BG056973.D
Acq: 4 Apr 2023 20:17

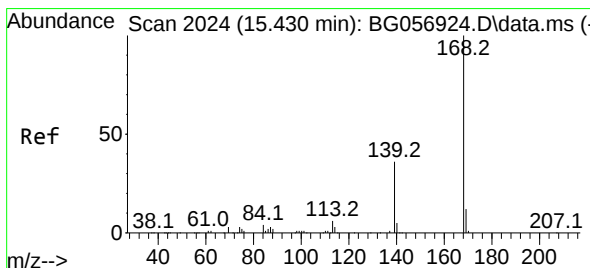
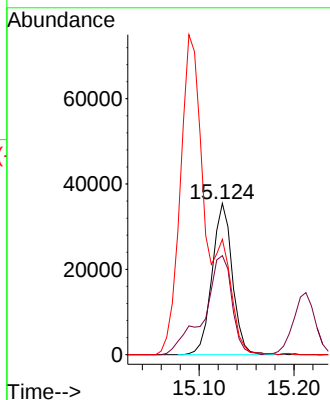
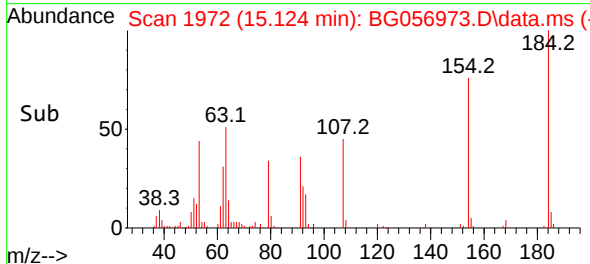
Instrument :
BNA_G
ClientSampleId :
WC-6MSD



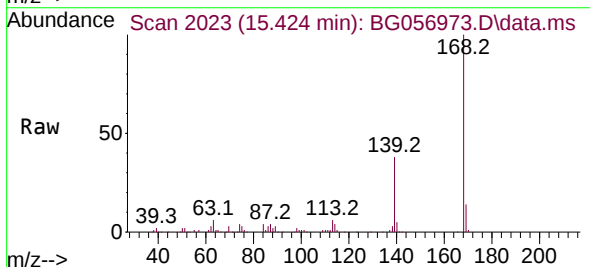
Tgt Ion:184 Resp: 52465
Ion Ratio Lower Upper
184 100
63 65.4 46.5 69.7
154 76.2 53.5 80.3

Manual Integrations
APPROVED

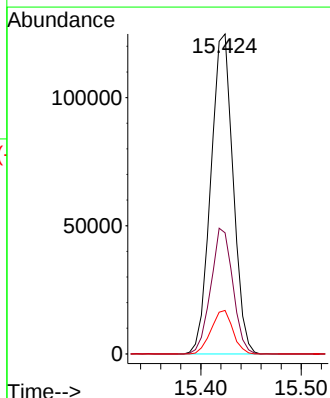
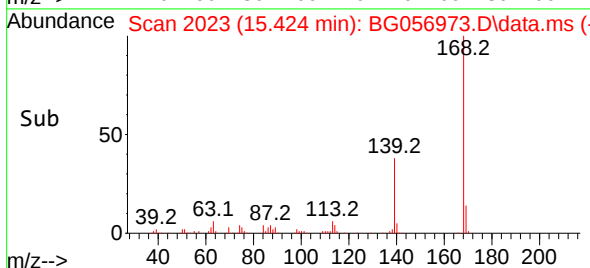
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023

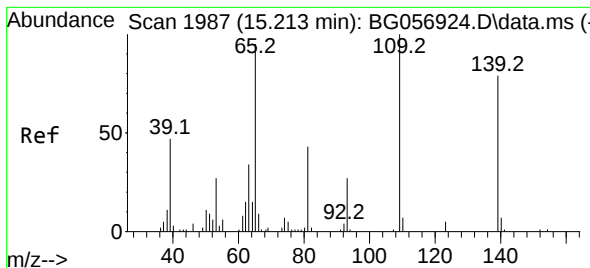


#55
Dibenzofuran
Concen: 45.486 ng
RT: 15.424 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BG056973.D
Acq: 4 Apr 2023 20:17



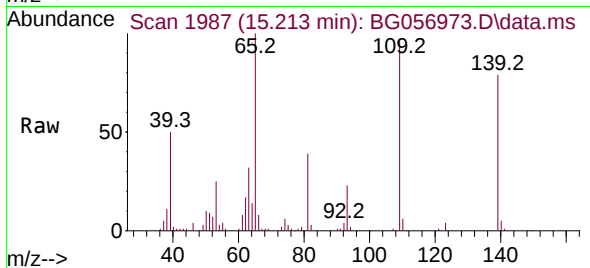
Tgt Ion:168 Resp: 192296
Ion Ratio Lower Upper
168 100
139 37.8 28.9 43.3
169 13.6 9.8 14.6





#56
4-Nitrophenol
Concen: 97.833 ng
RT: 15.213 min Scan# 1987
Delta R.T. -0.000 min
Lab File: BG056973.D
Acq: 4 Apr 2023 20:17

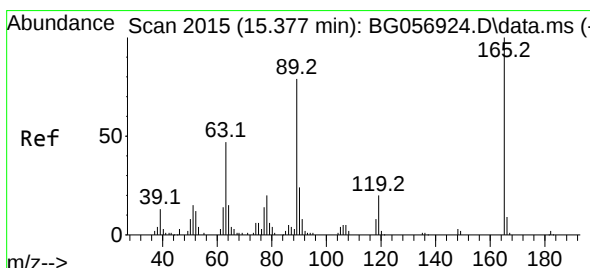
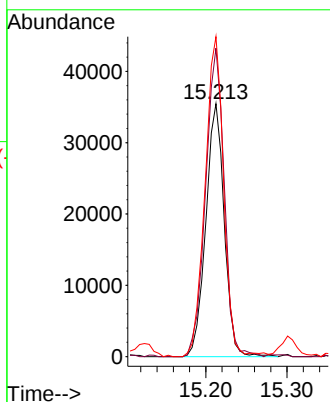
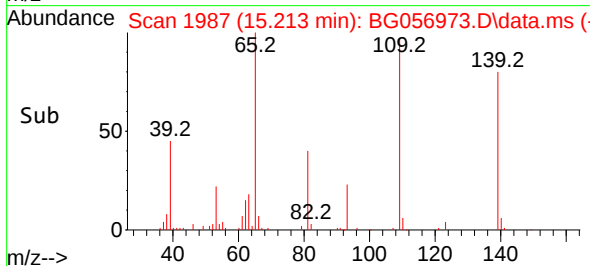
Instrument :
BNA_G
ClientSampleId :
WC-6MSD



Tgt Ion:139 Resp: 55970
Ion Ratio Lower Upper
139 100
109 121.9 106.7 146.7
65 126.5 100.5 140.5

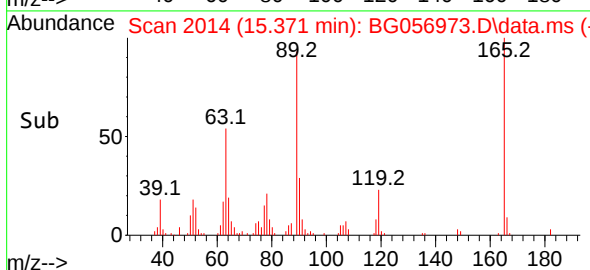
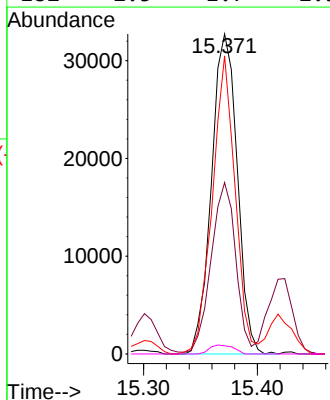
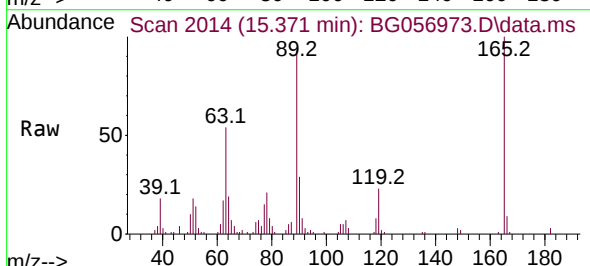
Manual Integrations
APPROVED

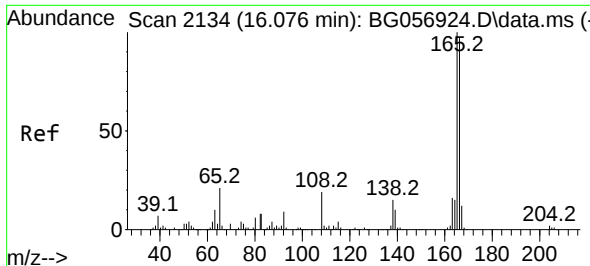
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#57
2,4-Dinitrotoluene
Concen: 46.680 ng
RT: 15.371 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BG056973.D
Acq: 4 Apr 2023 20:17

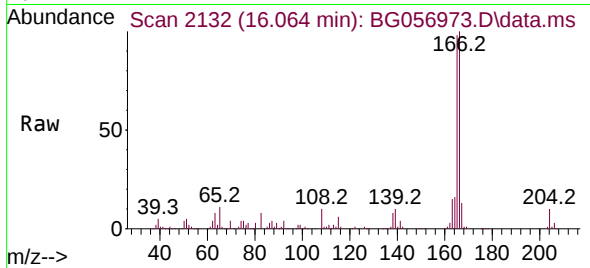
Tgt Ion:165 Resp: 51460
Ion Ratio Lower Upper
165 100
63 53.5 37.7 56.5
89 93.1 63.2 94.8
182 2.5 1.7 2.5





#58
Fluorene
Concen: 47.025 ng
RT: 16.064 min Scan# 2134
Delta R.T. -0.012 min
Lab File: BG056973.D
Acq: 4 Apr 2023 20:17

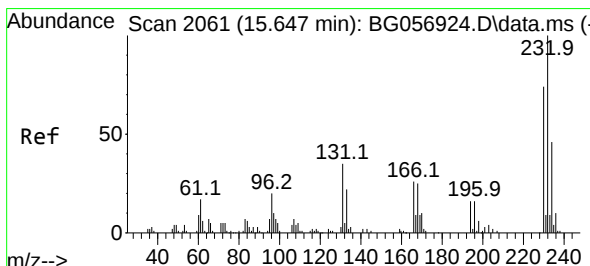
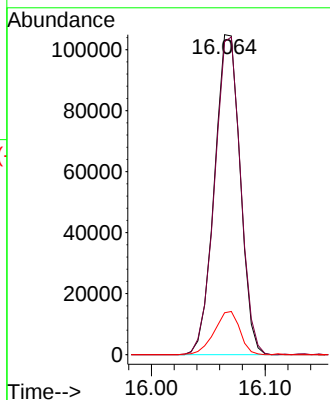
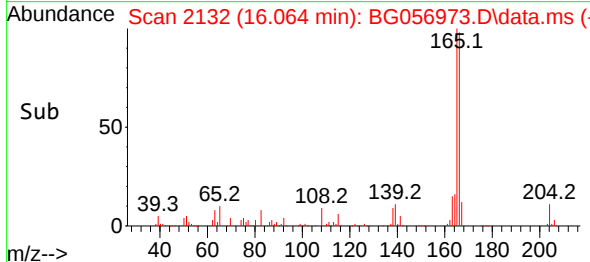
Instrument :
BNA_G
ClientSampleId :
WC-6MSD



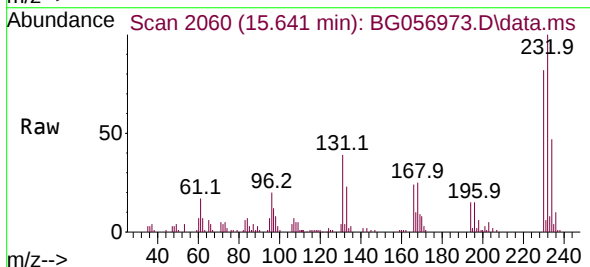
Tgt Ion:166 Resp: 164508
Ion Ratio Lower Upper
166 100
165 97.8 82.6 123.8
167 13.1 10.2 15.2

Manual Integrations
APPROVED

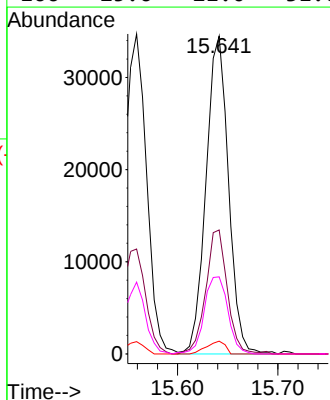
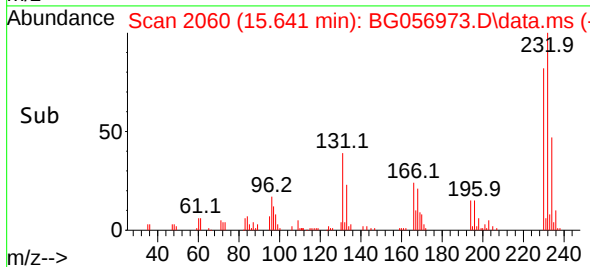
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023

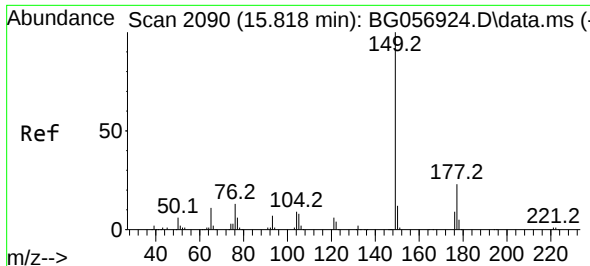


#59
2,3,4,6-Tetrachlorophenol
Concen: 48.931 ng
RT: 15.641 min Scan# 2060
Delta R.T. -0.006 min
Lab File: BG056973.D
Acq: 4 Apr 2023 20:17



Tgt Ion:232 Resp: 53623
Ion Ratio Lower Upper
232 100
131 37.5 29.3 43.9
130 3.3 1.7 2.5#
166 25.6 21.0 31.6





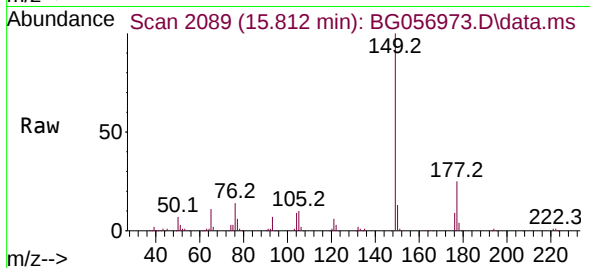
#60
Diethylphthalate
Concen: 46.346 ng
RT: 15.812 min Scan# 2090
Delta R.T. -0.006 min
Lab File: BG056973.D
Acq: 4 Apr 2023 20:17

Instrument :

BNA_G

ClientSampleId :

WC-6MSD

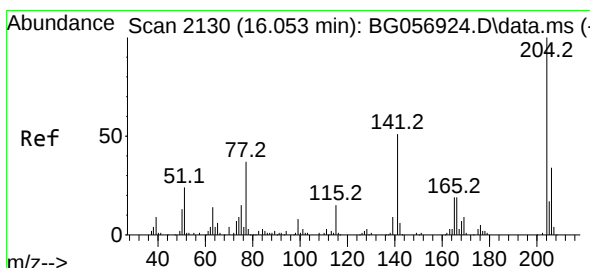
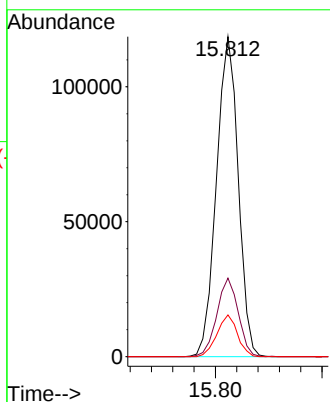
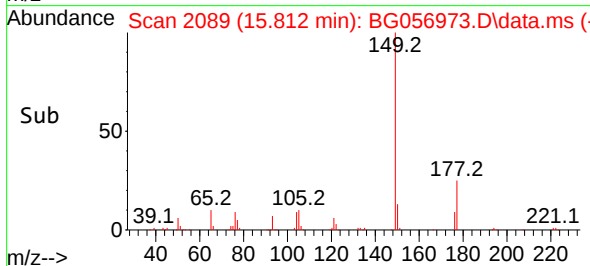


Tgt Ion:149 Resp: 168079
Ion Ratio Lower Upper
149 100
177 24.5 18.8 28.2
150 13.0 9.4 14.2

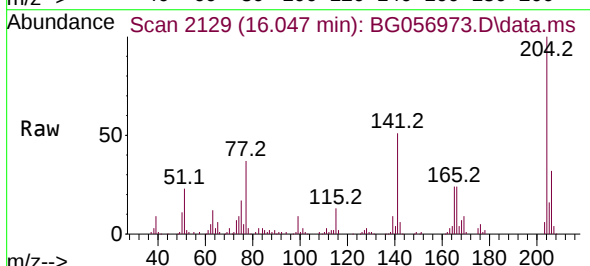
Manual Integrations

APPROVED

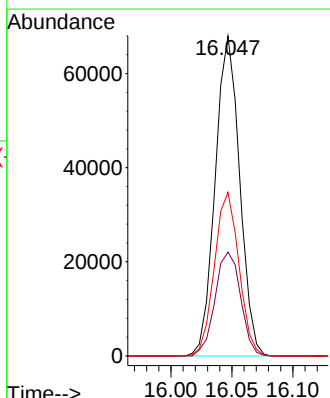
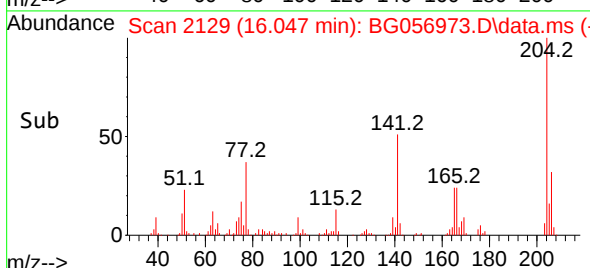
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023

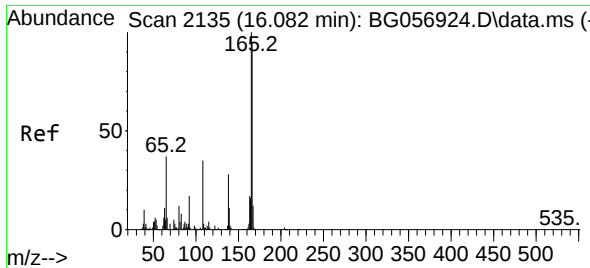


#61
4-Chlorophenyl-phenylether
Concen: 46.161 ng
RT: 16.047 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BG056973.D
Acq: 4 Apr 2023 20:17



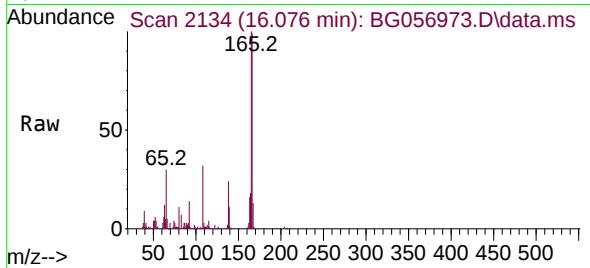
Tgt Ion:204 Resp: 94812
Ion Ratio Lower Upper
204 100
206 32.4 27.2 40.8
141 51.1 40.7 61.1





#62
4-Nitroaniline
Concen: 38.653 ng
RT: 16.076 min Scan# 2135
Delta R.T. -0.006 min
Lab File: BG056973.D
Acq: 4 Apr 2023 20:17

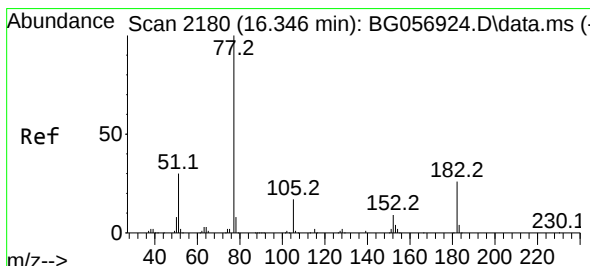
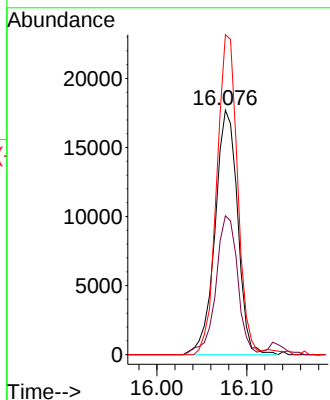
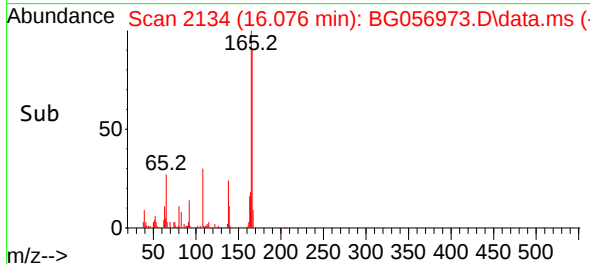
Instrument :
BNA_G
ClientSampleId :
WC-6MSD



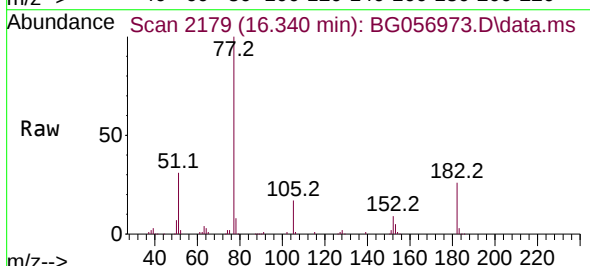
Tgt Ion:138 Resp: 30983
Ion Ratio Lower Upper
138 100
92 56.8 40.9 80.9
108 131.0 104.3 144.3

Manual Integrations
APPROVED

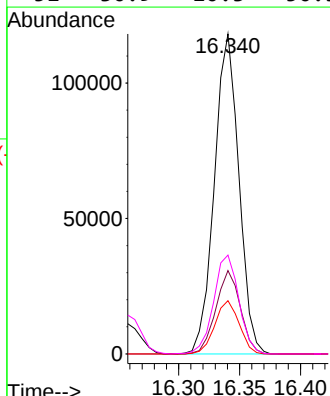
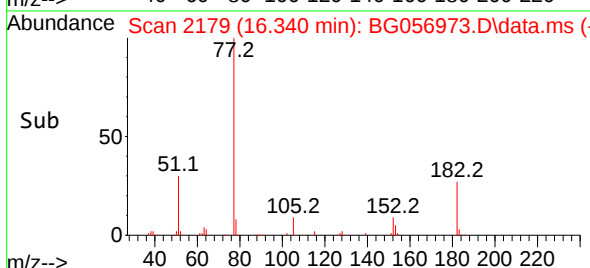
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023

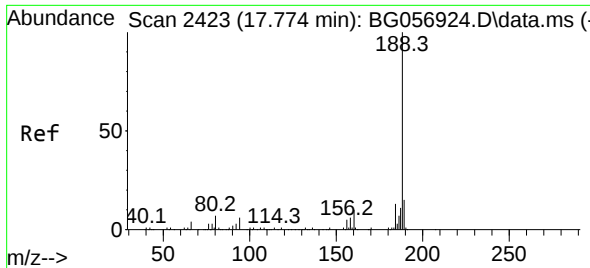


#63
Azobenzene
Concen: 45.619 ng
RT: 16.340 min Scan# 2179
Delta R.T. -0.006 min
Lab File: BG056973.D
Acq: 4 Apr 2023 20:17



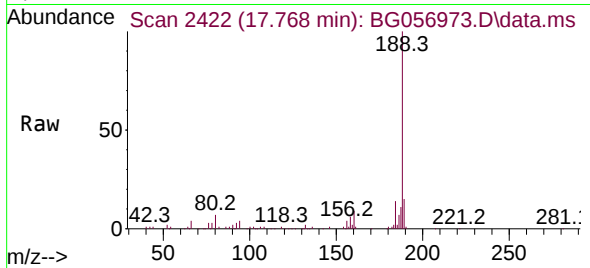
Tgt Ion: 77 Resp: 164878
Ion Ratio Lower Upper
77 100
182 26.0 5.9 45.9
105 16.6 0.0 36.8
51 30.9 10.3 50.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.768 min Scan# 2422
Delta R.T. -0.006 min
Lab File: BG056973.D
Acq: 4 Apr 2023 20:17

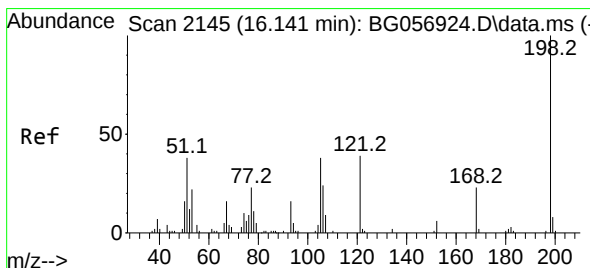
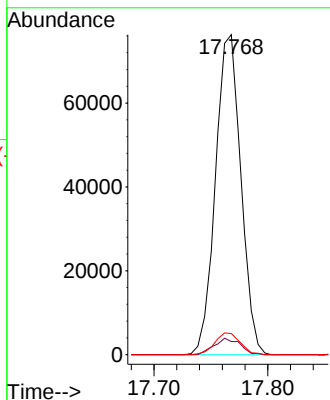
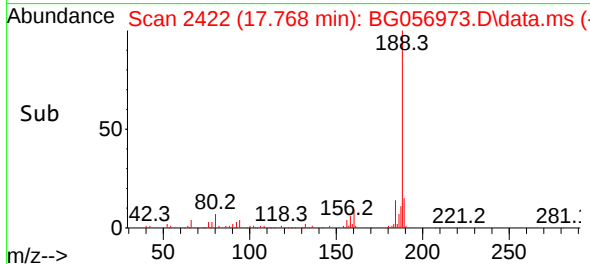
Instrument :
BNA_G
ClientSampleId :
WC-6MSD



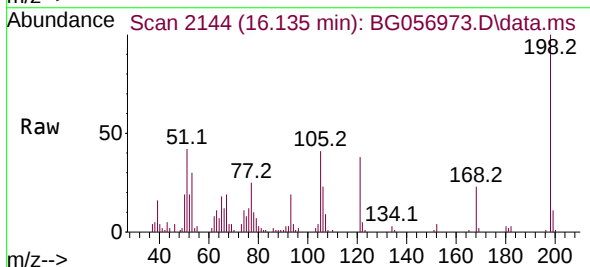
Tgt Ion:188 Resp: 118329
Ion Ratio Lower Upper
188 100
94 4.1 4.6 6.8
80 6.6 5.5 8.3

Manual Integrations
APPROVED

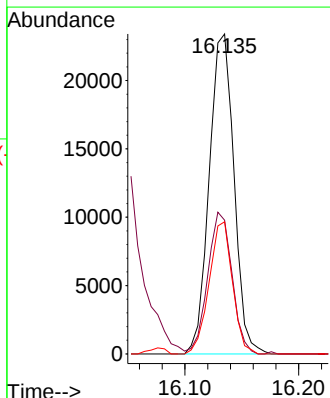
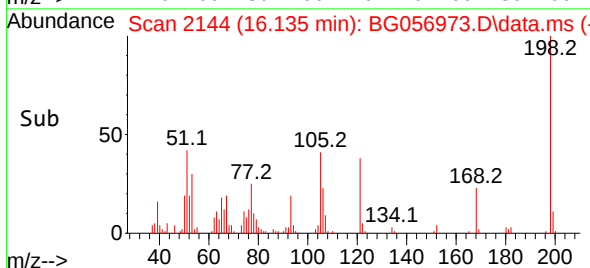
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023

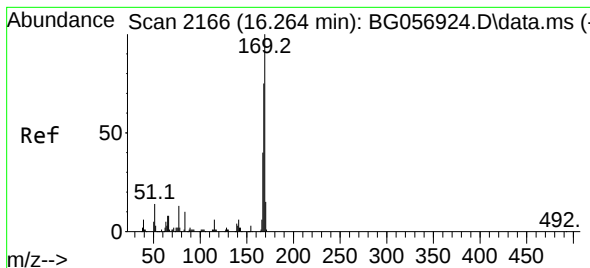


#65
4,6-Dinitro-2-methylphenol
Concen: 49.341 ng
RT: 16.135 min Scan# 2144
Delta R.T. -0.006 min
Lab File: BG056973.D
Acq: 4 Apr 2023 20:17



Tgt Ion:198 Resp: 35360
Ion Ratio Lower Upper
198 100
51 41.8 20.5 60.5
105 41.3 18.1 58.1





#66

n-Nitrosodiphenylamine

Concen: 42.690 ng

RT: 16.258 min Scan# 2165

Delta R.T. -0.006 min

Lab File: BG056973.D

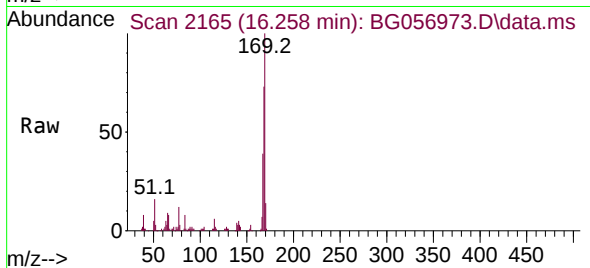
Acq: 4 Apr 2023 20:17

Instrument :

BNA_G

ClientSampleId :

WC-6MSD



Tgt Ion:169 Resp: 135604

Ion Ratio Lower Upper

169 100

168 72.7 59.6 89.4

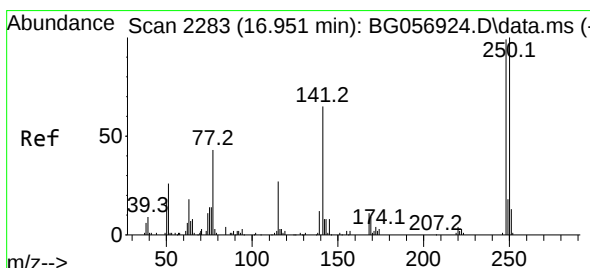
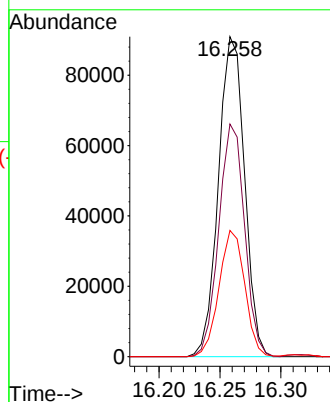
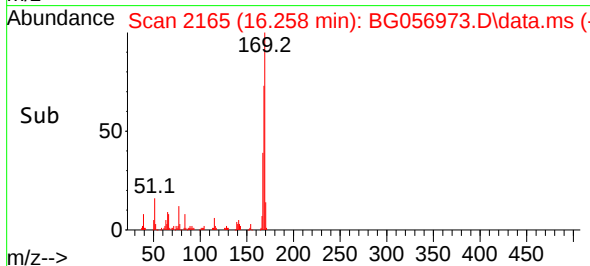
167 39.4 31.8 47.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/05/2023

Supervised By :Jagrut Upadhyay 04/05/2023



#67

4-Bromophenyl-phenylether

Concen: 44.135 ng

RT: 16.940 min Scan# 2281

Delta R.T. -0.012 min

Lab File: BG056973.D

Acq: 4 Apr 2023 20:17

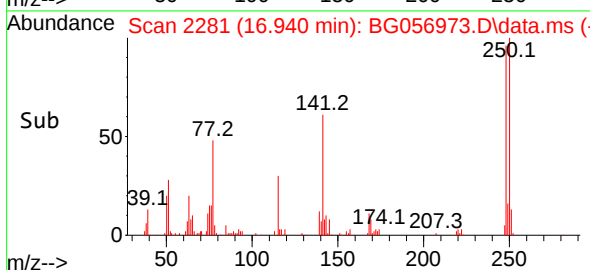
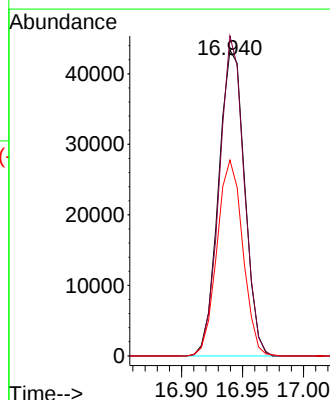
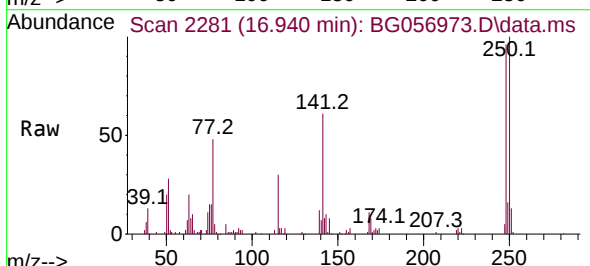
Tgt Ion:248 Resp: 64618

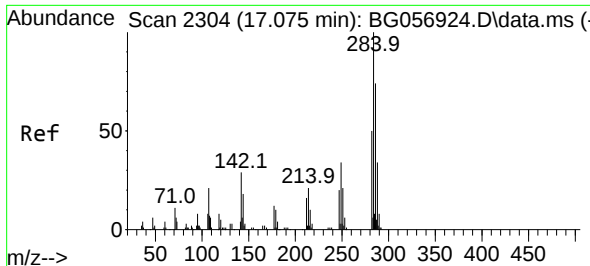
Ion Ratio Lower Upper

248 100

250 104.6 80.5 120.7

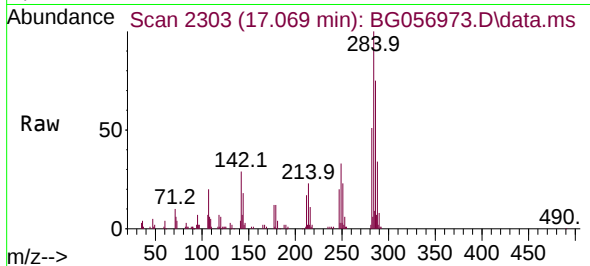
141 64.0 52.0 78.0





#68
Hexachlorobenzene
Concen: 47.499 ng
RT: 17.069 min Scan# 2304
Delta R.T. -0.006 min
Lab File: BG056973.D
Acq: 4 Apr 2023 20:17

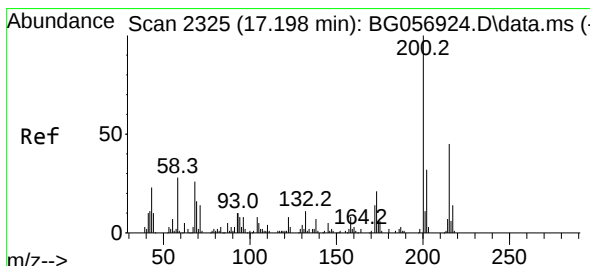
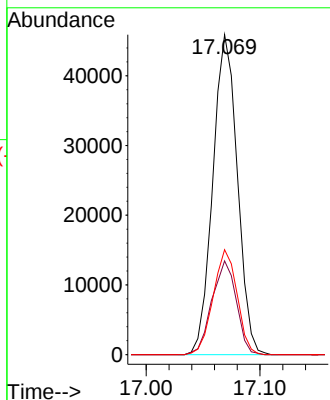
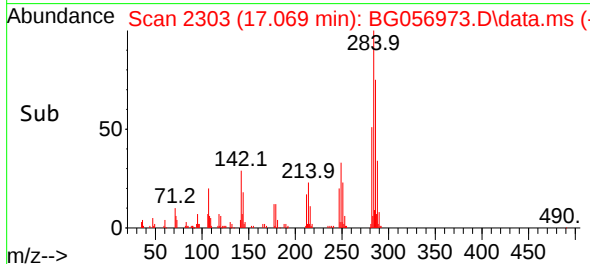
Instrument :
BNA_G
ClientSampleId :
WC-6MSD



Tgt Ion:284 Resp: 68754
Ion Ratio Lower Upper
284 100
142 29.3 23.0 34.4
249 32.8 27.1 40.7

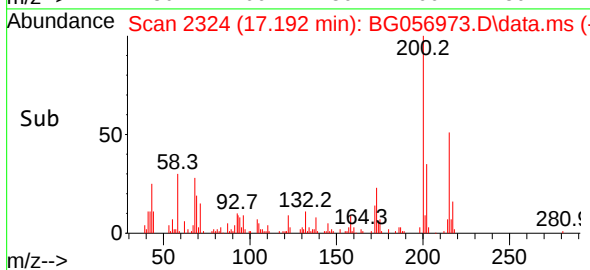
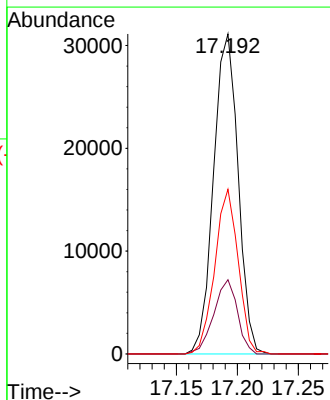
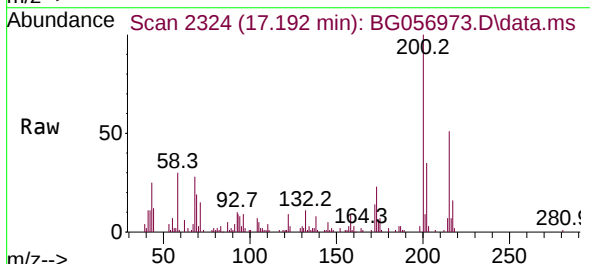
Manual Integrations
APPROVED

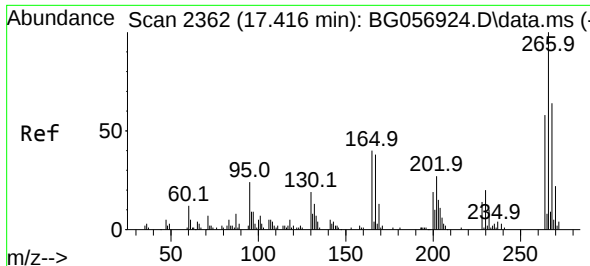
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#69
Atrazine
Concen: 32.997 ng
RT: 17.192 min Scan# 2324
Delta R.T. -0.006 min
Lab File: BG056973.D
Acq: 4 Apr 2023 20:17

Tgt Ion:200 Resp: 43509
Ion Ratio Lower Upper
200 100
173 23.2 1.0 41.0
215 51.4 25.0 65.0





#70
Pentachlorophenol
Concen: 86.812 ng
RT: 17.410 min Scan# 2410
Delta R.T. -0.006 min
Lab File: BG056973.D
Acq: 4 Apr 2023 20:17

Instrument :

BNA_G

ClientSampleId :

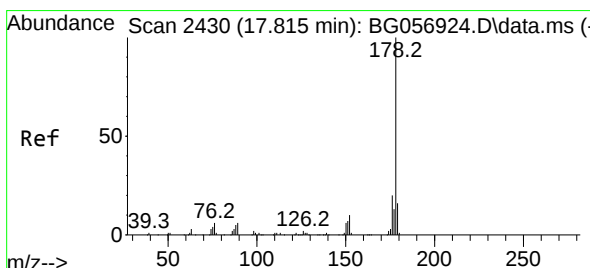
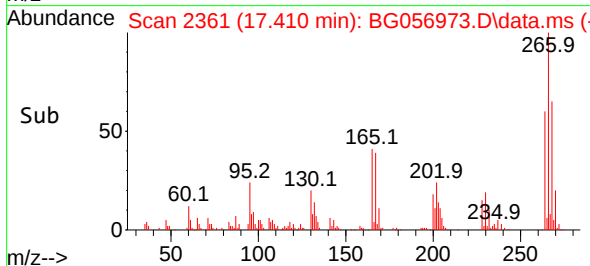
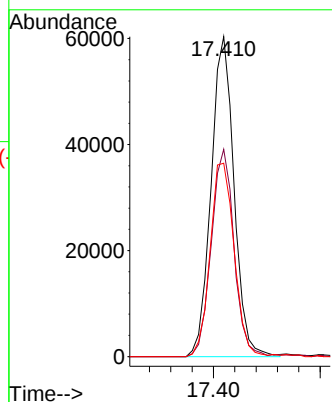
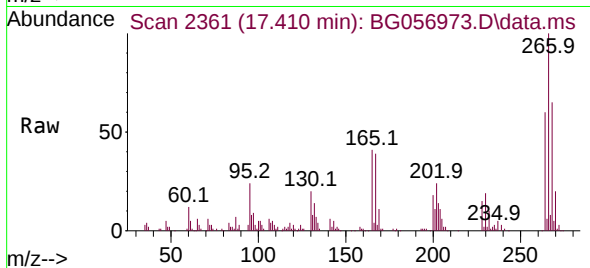
WC-6MSD

Tgt Ion:266 Resp: 90150
Ion Ratio Lower Upper
266 100
268 64.8 51.0 76.6
264 60.4 46.8 70.2

Manual Integrations

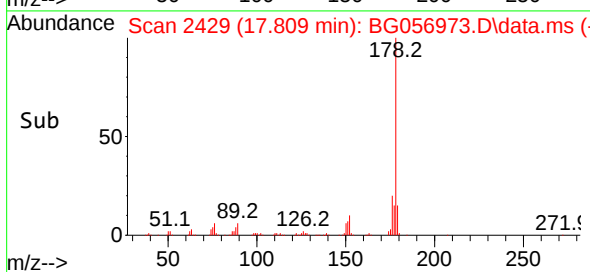
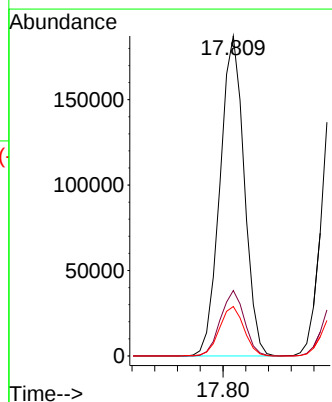
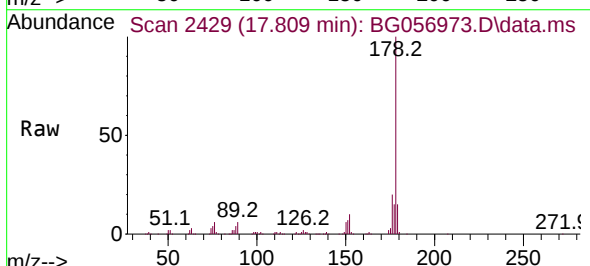
APPROVED

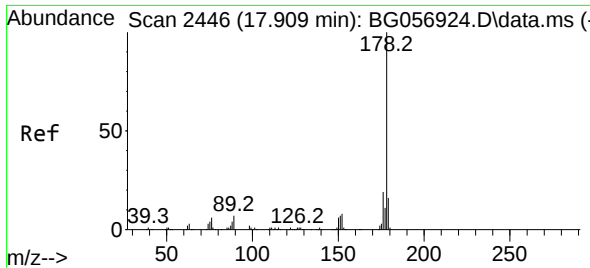
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#71
Phenanthrene
Concen: 45.775 ng
RT: 17.809 min Scan# 2429
Delta R.T. -0.006 min
Lab File: BG056973.D
Acq: 4 Apr 2023 20:17

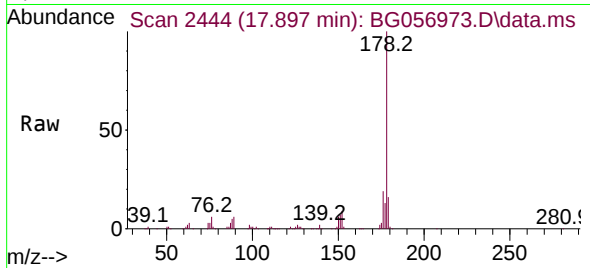
Tgt Ion:178 Resp: 276159
Ion Ratio Lower Upper
178 100
176 20.4 16.2 24.2
179 15.4 12.5 18.7





#72
 Anthracene
 Concen: 44.676 ng
 RT: 17.897 min Scan# 2446
 Delta R.T. -0.012 min
 Lab File: BG056973.D
 Acq: 4 Apr 2023 20:17

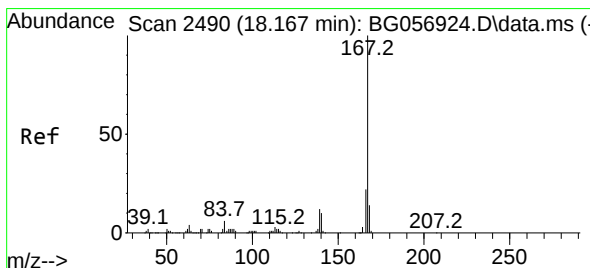
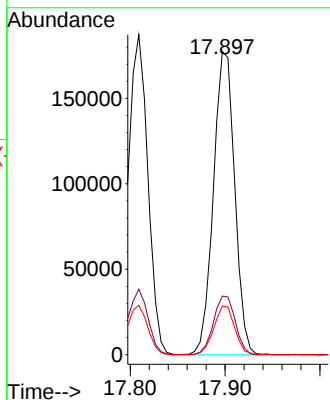
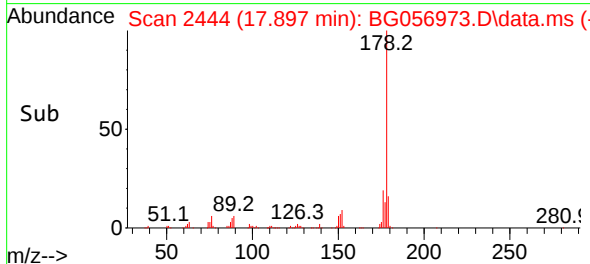
Instrument :
 BNA_G
 ClientSampleId :
 WC-6MSD



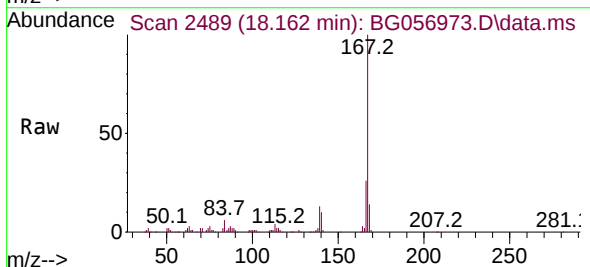
Tgt Ion:178 Resp: 276302
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 16.0 12.4 18.6

Manual Integrations
 APPROVED

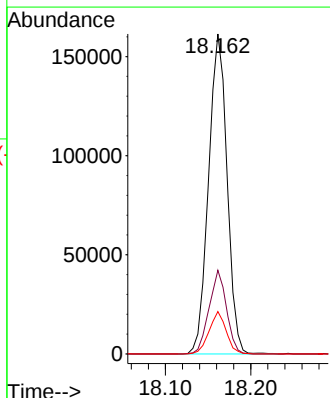
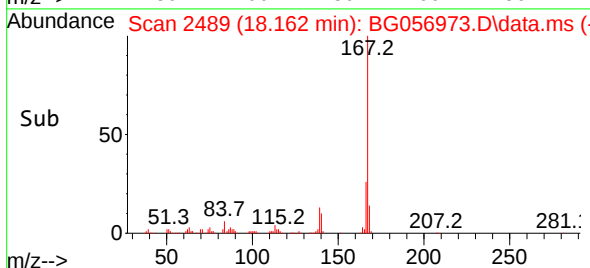
Reviewed By :Christian Giraldo 04/05/2023
 Supervised By :Jagrut Upadhyay 04/05/2023

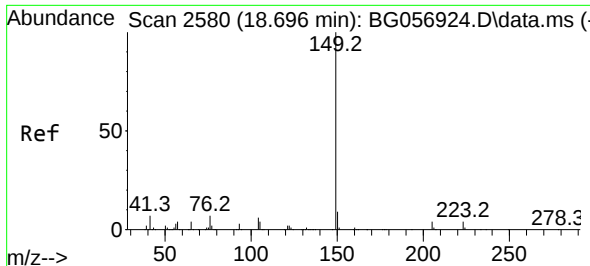


#73
 Carbazole
 Concen: 45.063 ng
 RT: 18.162 min Scan# 2489
 Delta R.T. -0.006 min
 Lab File: BG056973.D
 Acq: 4 Apr 2023 20:17



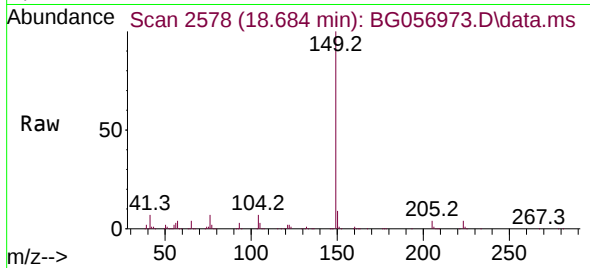
Tgt Ion:167 Resp: 242987
 Ion Ratio Lower Upper
 167 100
 166 26.1 17.9 26.9
 139 13.2 9.5 14.3





#74
Di-n-butylphthalate
Concen: 46.212 ng
RT: 18.684 min Scan# 21
Delta R.T. -0.012 min
Lab File: BG056973.D
Acq: 4 Apr 2023 20:17

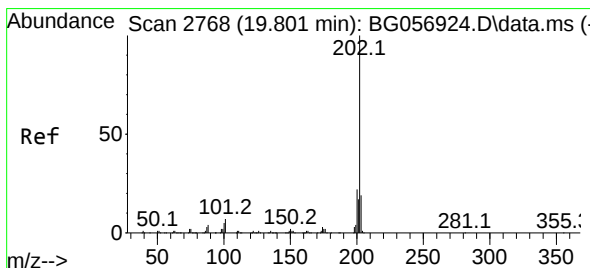
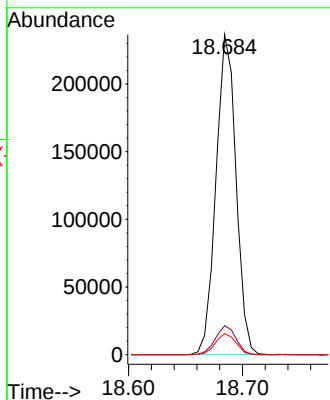
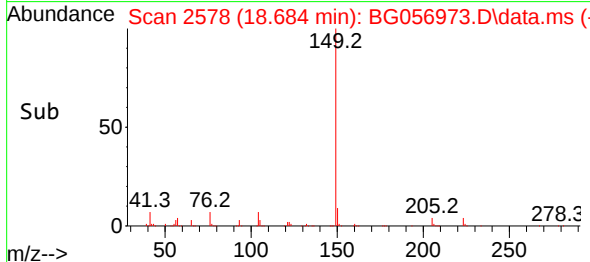
Instrument :
BNA_G
ClientSampleId :
WC-6MSD



Tgt Ion:149 Resp: 288550
Ion Ratio Lower Upper
149 100
150 9.0 7.4 11.0
104 6.6 4.9 7.3

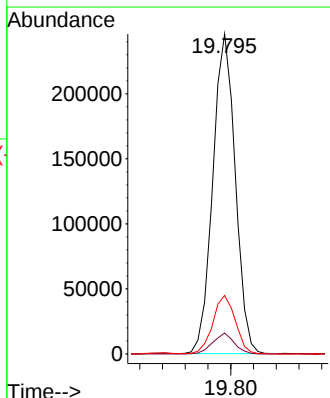
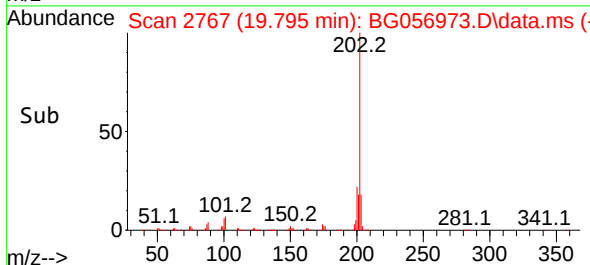
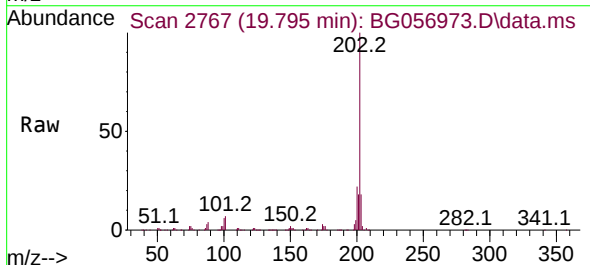
Manual Integrations
APPROVED

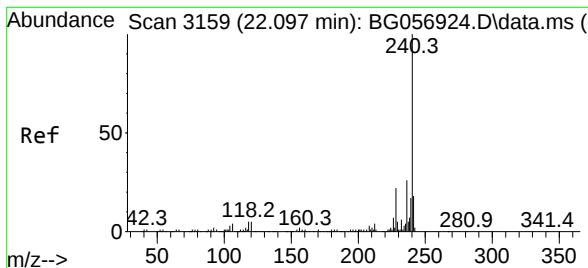
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#75
Fluoranthene
Concen: 44.061 ng
RT: 19.795 min Scan# 2767
Delta R.T. -0.006 min
Lab File: BG056973.D
Acq: 4 Apr 2023 20:17

Tgt Ion:202 Resp: 336964
Ion Ratio Lower Upper
202 100
101 6.5 0.0 26.7
203 18.3 0.0 39.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.086 min Scan# 3157

Delta R.T. -0.012 min

Lab File: BG056973.D

Acq: 4 Apr 2023 20:17

Instrument :

BNA_G

ClientSampleId :

WC-6MSD

Tgt Ion:240 Resp: 107846

Ion Ratio Lower Upper

240 100

120 6.1 3.8 5.6

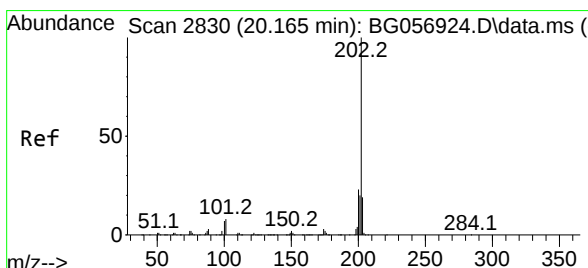
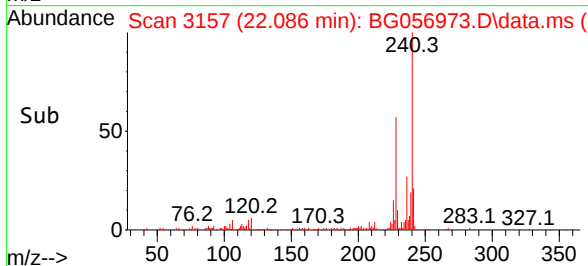
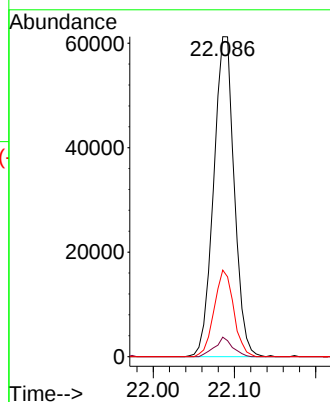
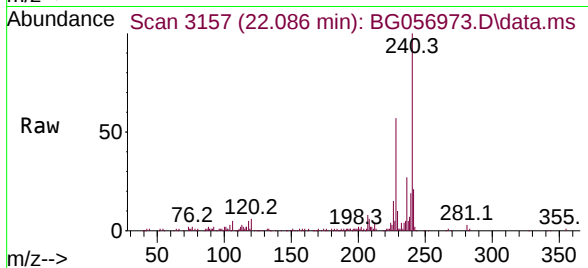
236 27.0 21.0 31.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/05/2023

Supervised By :Jagrut Upadhyay 04/05/2023



#78

Pyrene

Concen: 46.289 ng

RT: 20.153 min Scan# 2828

Delta R.T. -0.012 min

Lab File: BG056973.D

Acq: 4 Apr 2023 20:17

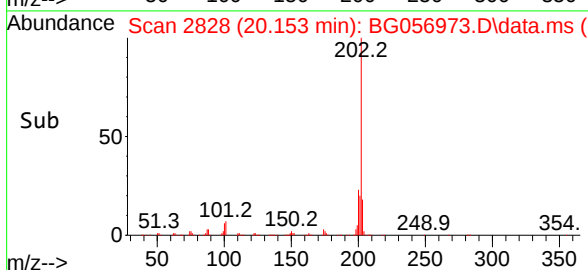
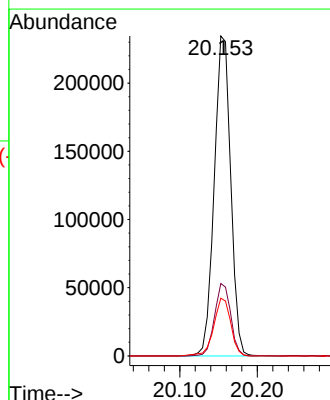
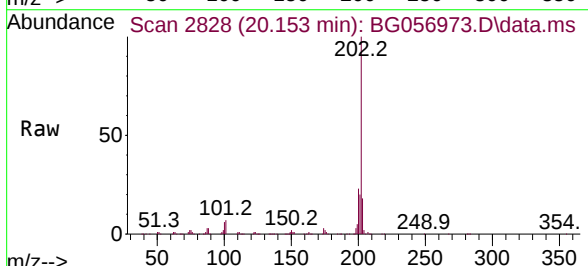
Tgt Ion:202 Resp: 345276

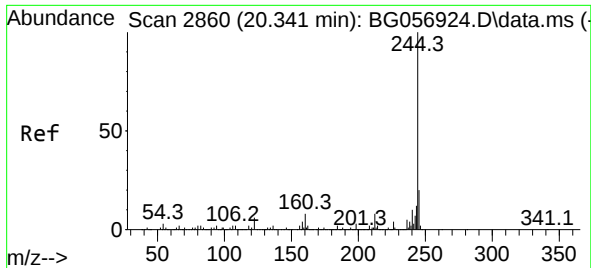
Ion Ratio Lower Upper

202 100

200 22.6 18.7 28.1

203 18.0 15.4 23.2





#79
 Terphenyl-d14
 Concen: 96.315 ng
 RT: 20.335 min Scan# 2860
 Delta R.T. -0.006 min
 Lab File: BG056973.D
 Acq: 4 Apr 2023 20:17

Instrument :

BNA_G

ClientSampleId :

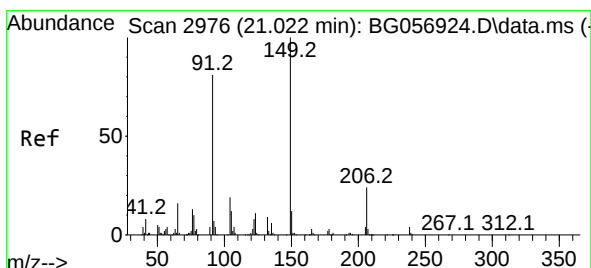
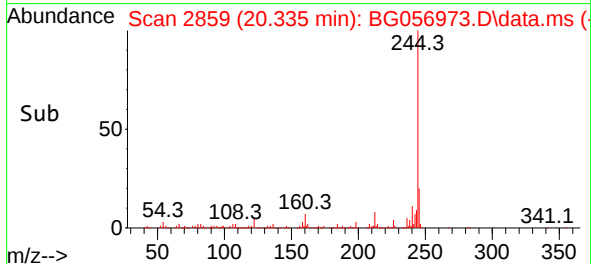
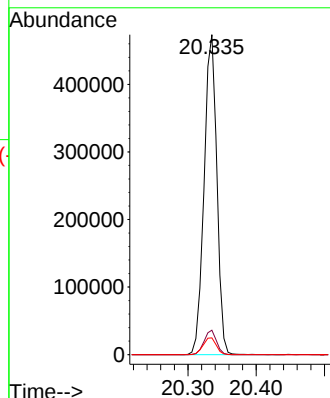
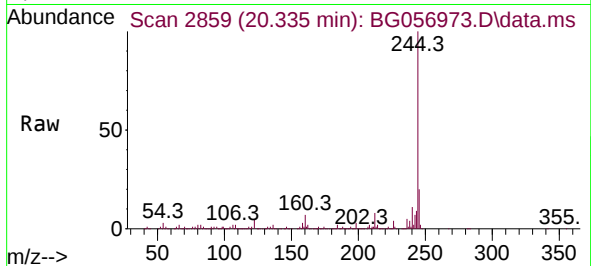
WC-6MSD

Tgt Ion:244 Resp: 613844
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 5.2 5.0 7.4

Manual Integrations

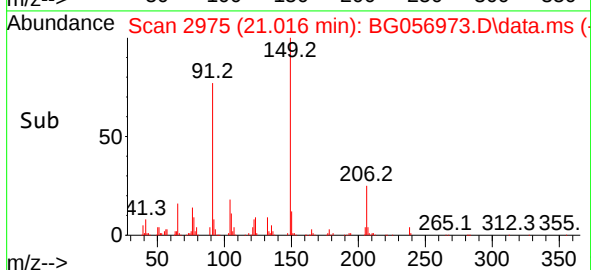
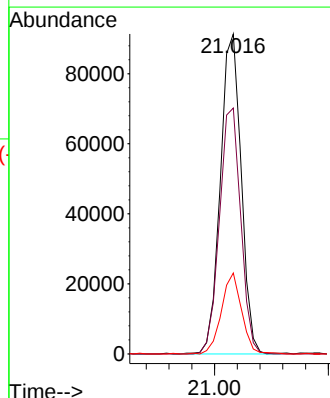
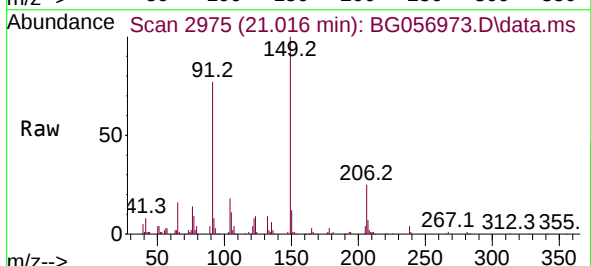
APPROVED

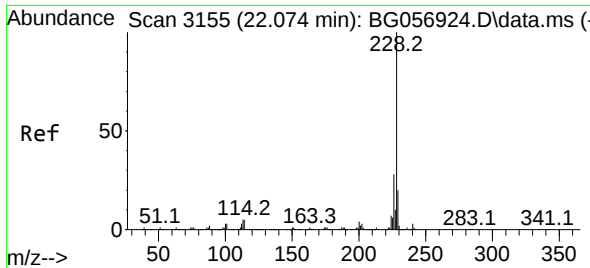
Reviewed By :Christian Giraldo 04/05/2023
 Supervised By :Jagrut Upadhyay 04/05/2023



#80
 Butylbenzylphthalate
 Concen: 45.205 ng
 RT: 21.016 min Scan# 2975
 Delta R.T. -0.006 min
 Lab File: BG056973.D
 Acq: 4 Apr 2023 20:17

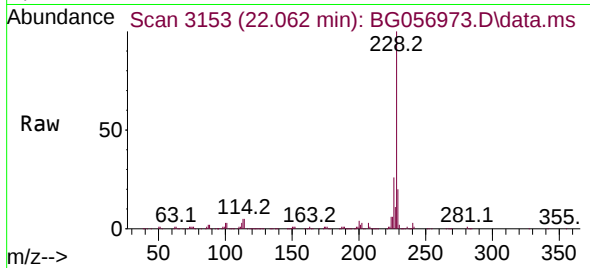
Tgt Ion:149 Resp: 116035
 Ion Ratio Lower Upper
 149 100
 91 76.8 64.4 96.6
 206 25.3 18.9 28.3





#81
Benzo(a)anthracene
Concen: 45.489 ng
RT: 22.062 min Scan# 3153
Delta R.T. -0.012 min
Lab File: BG056973.D
Acq: 4 Apr 2023 20:17

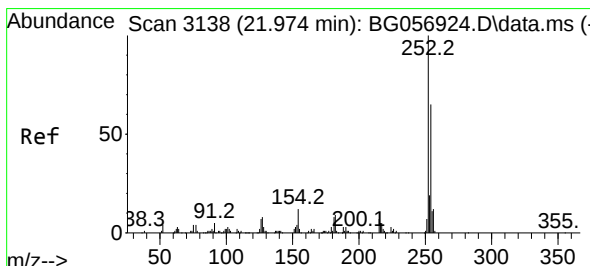
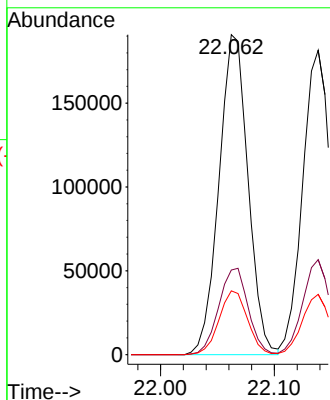
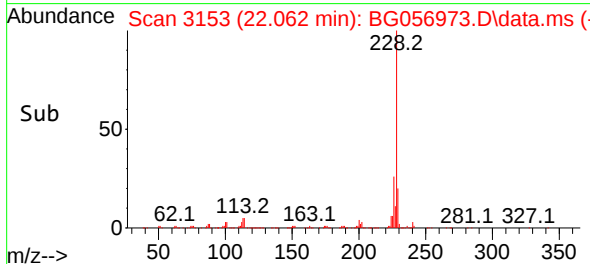
Instrument :
BNA_G
ClientSampleId :
WC-6MSD



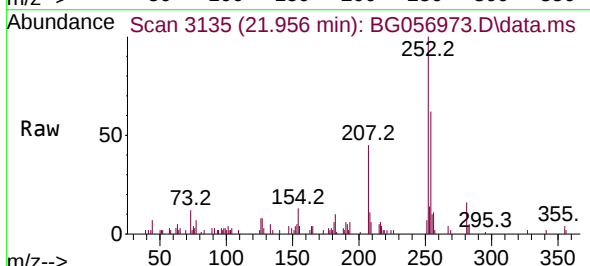
Tgt Ion:228 Resp: 339478
Ion Ratio Lower Upper
228 100
226 26.4 22.1 33.1
229 19.9 16.1 24.1

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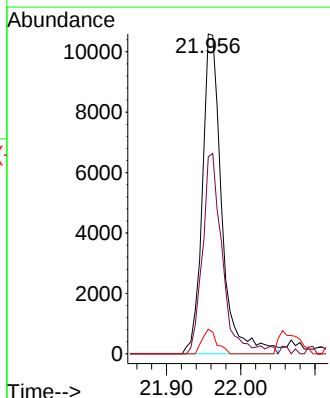
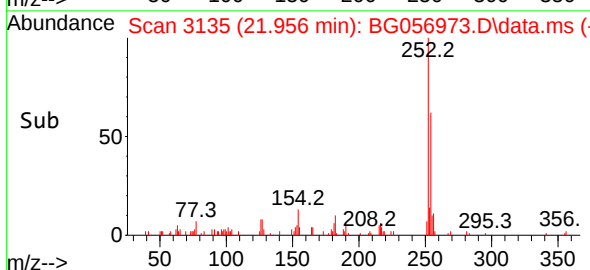
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023

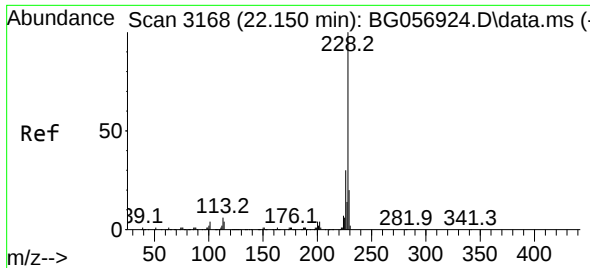


#82
3,3'-Dichlorobenzidine
Concen: 7.661 ng
RT: 21.956 min Scan# 3135
Delta R.T. -0.018 min
Lab File: BG056973.D
Acq: 4 Apr 2023 20:17



Tgt Ion:252 Resp: 19306
Ion Ratio Lower Upper
252 100
254 61.6 51.7 77.5
126 7.7 5.6 8.4





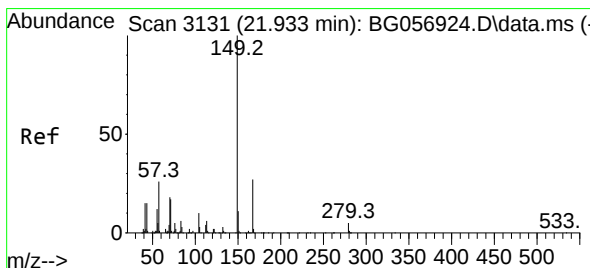
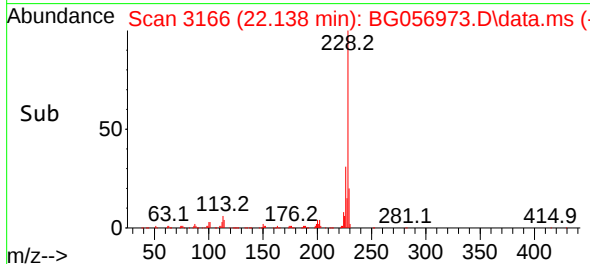
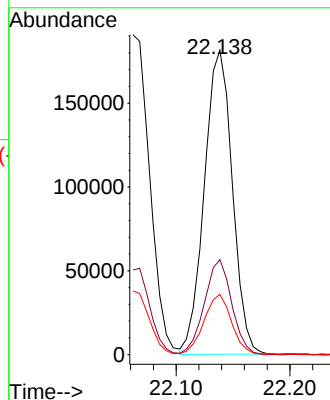
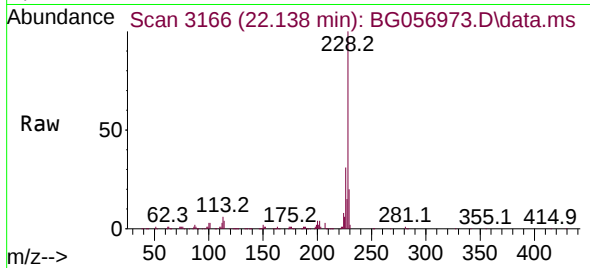
#83
Chrysene
Concen: 44.431 ng
RT: 22.138 min Scan# 3166
Delta R.T. -0.012 min
Lab File: BG056973.D
Acq: 4 Apr 2023 20:17

Instrument :
BNA_G
ClientSampleId :
WC-6MSD

Tgt Ion:228 Resp: 310466
Ion Ratio Lower Upper
228 100
226 31.2 24.1 36.1
229 19.8 15.6 23.4

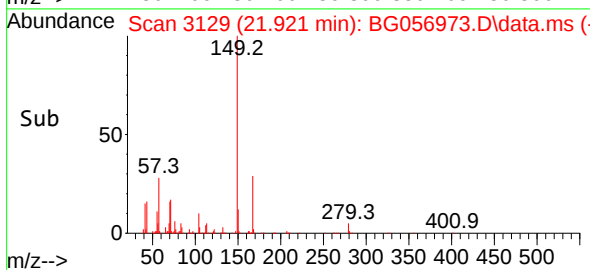
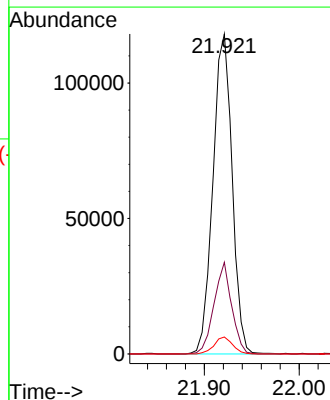
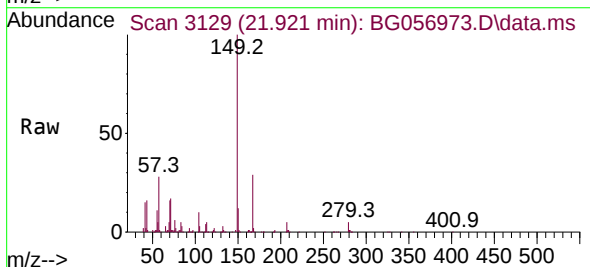
Manual Integrations
APPROVED

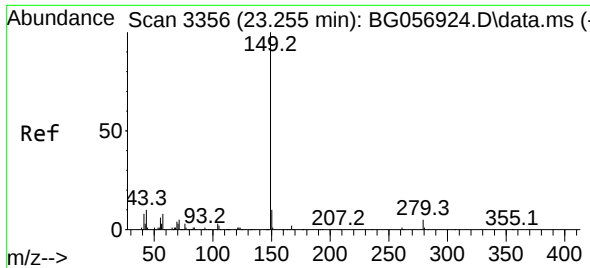
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.652 ng
RT: 21.921 min Scan# 3129
Delta R.T. -0.012 min
Lab File: BG056973.D
Acq: 4 Apr 2023 20:17

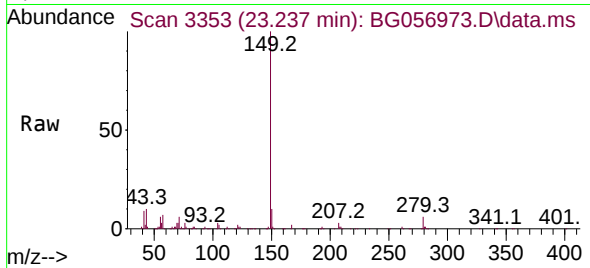
Tgt Ion:149 Resp: 165964
Ion Ratio Lower Upper
149 100
167 28.6 21.4 32.2
279 5.3 3.9 5.9





#85
Di-n-octyl phthalate
Concen: 43.747 ng
RT: 23.237 min Scan# 3356
Delta R.T. -0.018 min
Lab File: BG056973.D
Acq: 4 Apr 2023 20:17

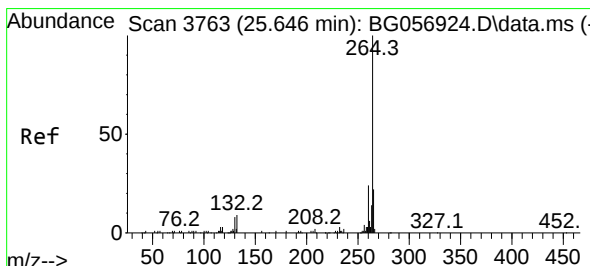
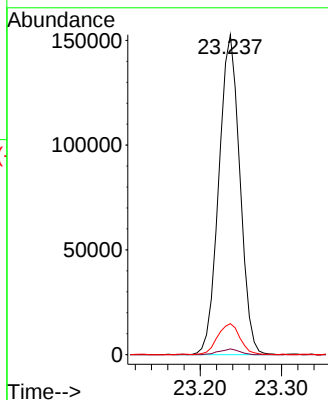
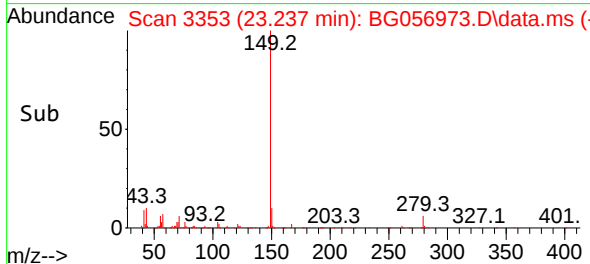
Instrument :
BNA_G
ClientSampleId :
WC-6MSD



Tgt Ion:149 Resp: 274014
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 10.4 7.9 11.9

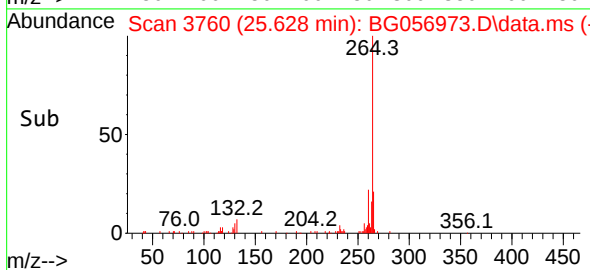
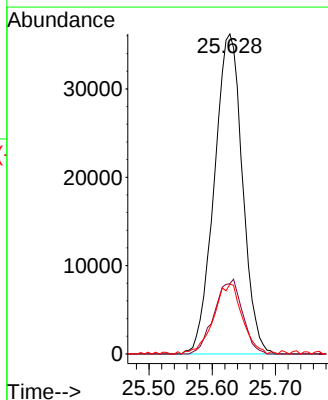
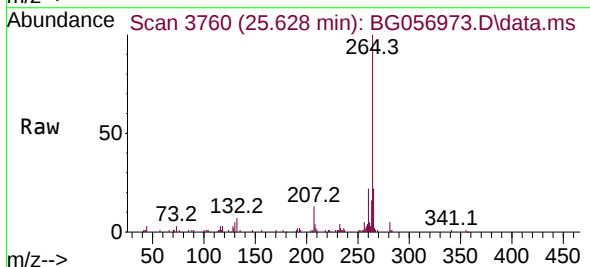
Manual Integrations
APPROVED

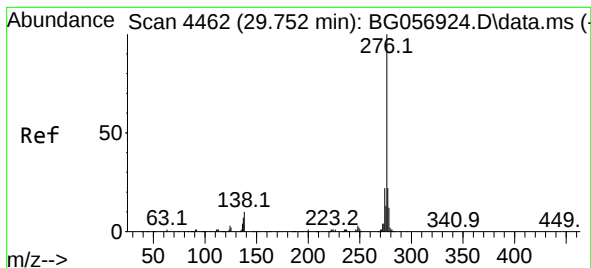
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.628 min Scan# 3760
Delta R.T. -0.018 min
Lab File: BG056973.D
Acq: 4 Apr 2023 20:17

Tgt Ion:264 Resp: 112075
Ion Ratio Lower Upper
264 100
260 21.9 19.0 28.4
265 21.8 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.418 ng

RT: 29.722 min Scan# 4462

Delta R.T. -0.029 min

Lab File: BG056973.D

Acq: 4 Apr 2023 20:17

Instrument :

BNA_G

ClientSampleId :

WC-6MSD

Tgt Ion:276 Resp: 376191

Ion Ratio Lower Upper

276 100

138 8.2 7.7 11.5

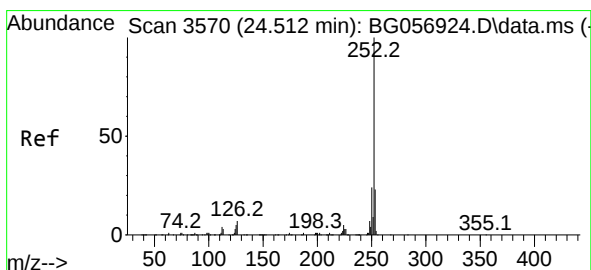
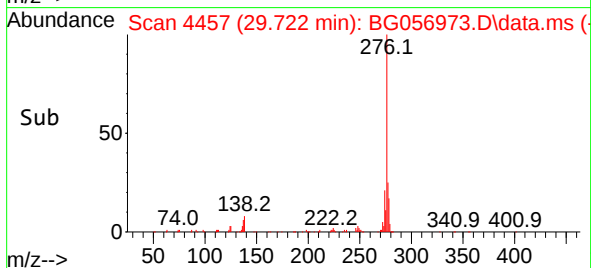
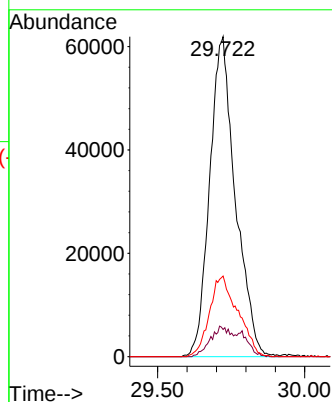
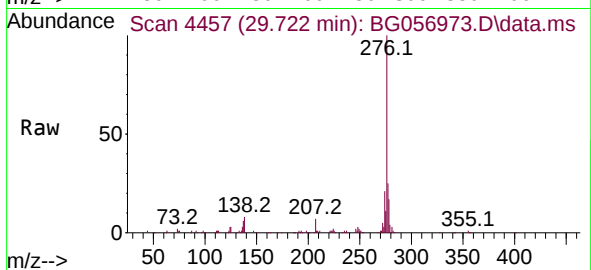
277 27.7 21.0 31.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/05/2023

Supervised By :Jagrut Upadhyay 04/05/2023



#88

Benzo(b)fluoranthene

Concen: 49.955 ng

RT: 24.494 min Scan# 3567

Delta R.T. -0.018 min

Lab File: BG056973.D

Acq: 4 Apr 2023 20:17

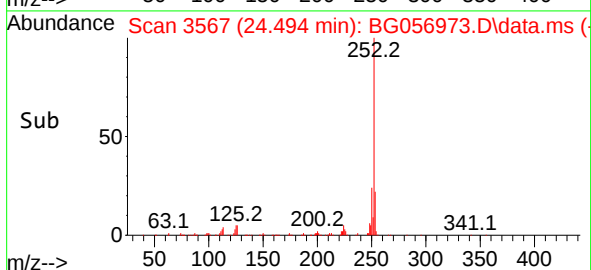
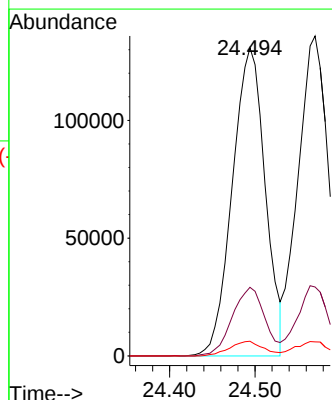
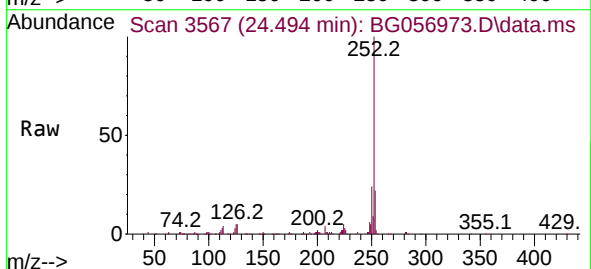
Tgt Ion:252 Resp: 350102

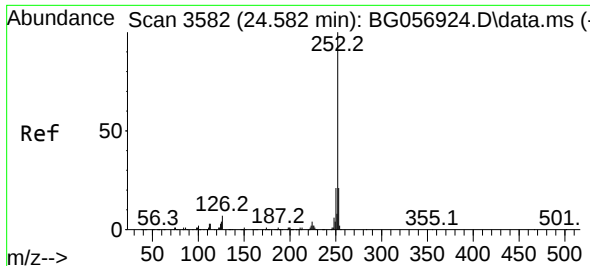
Ion Ratio Lower Upper

252 100

253 22.3 18.1 27.1

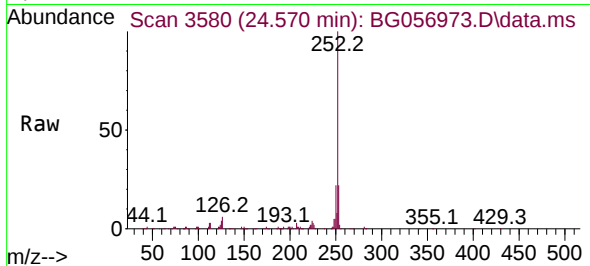
125 4.8 4.2 6.4





#89
Benzo(k)fluoranthene
Concen: 48.589 ng
RT: 24.570 min Scan# 3582
Delta R.T. -0.012 min
Lab File: BG056973.D
Acq: 4 Apr 2023 20:17

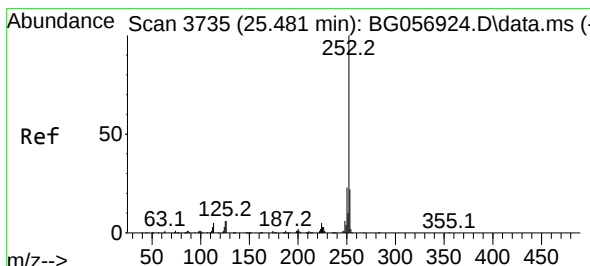
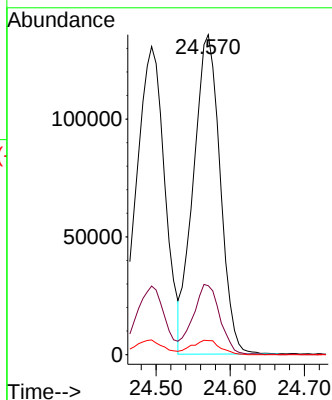
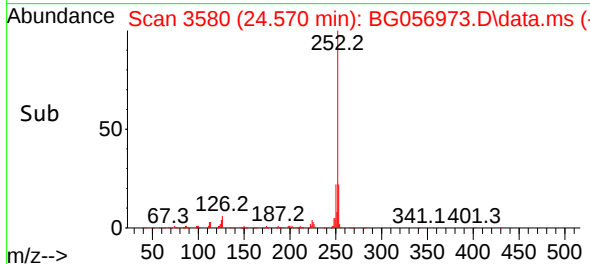
Instrument :
BNA_G
ClientSampleId :
WC-6MSD



Tgt Ion:252 Resp: 339961
Ion Ratio Lower Upper
252 100
253 21.5 17.1 25.7
125 4.4 3.8 5.6

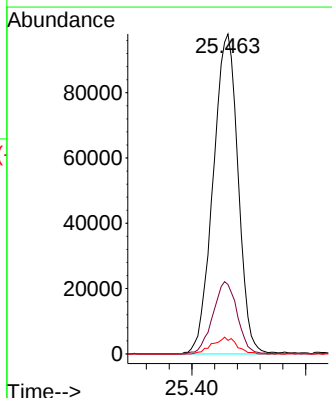
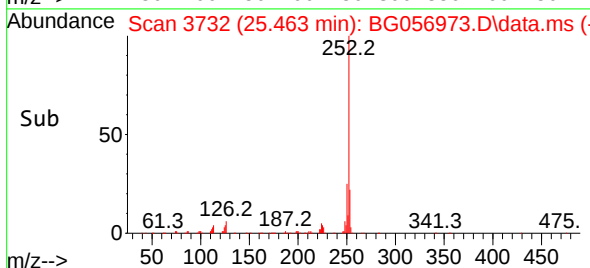
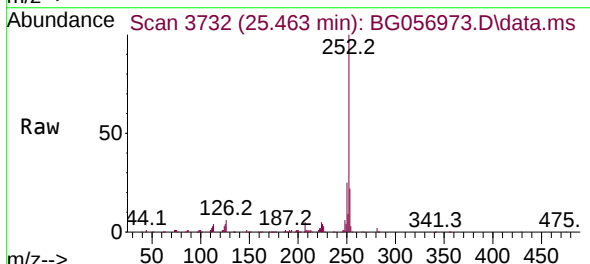
Manual Integrations
APPROVED

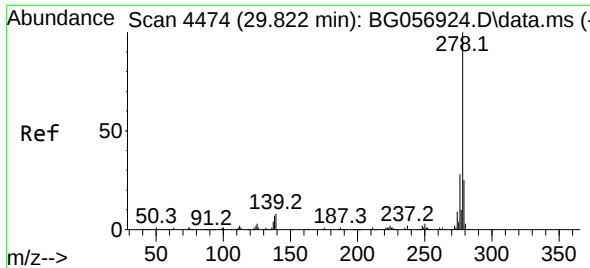
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#90
Benzo(a)pyrene
Concen: 43.265 ng
RT: 25.463 min Scan# 3732
Delta R.T. -0.018 min
Lab File: BG056973.D
Acq: 4 Apr 2023 20:17

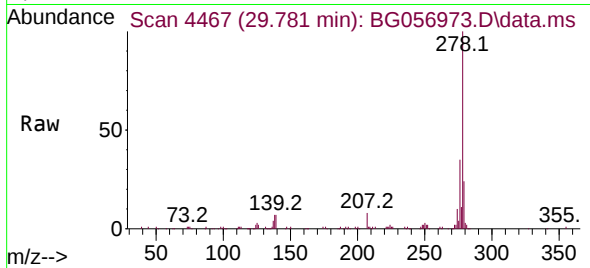
Tgt Ion:252 Resp: 297961
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 4.2 4.5 6.7#





#91
Dibenzo(a,h)anthracene
Concen: 45.980 ng
RT: 29.781 min Scan# 4474
Delta R.T. -0.041 min
Lab File: BG056973.D
Acq: 4 Apr 2023 20:17

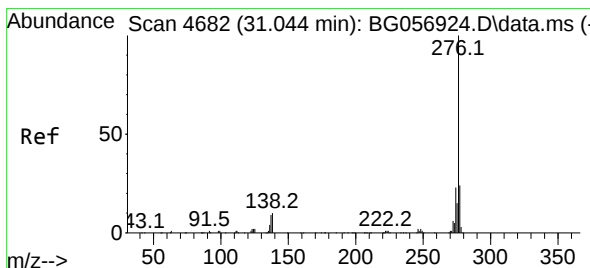
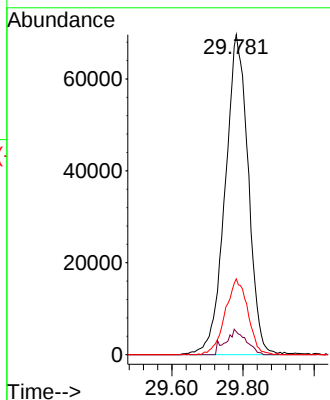
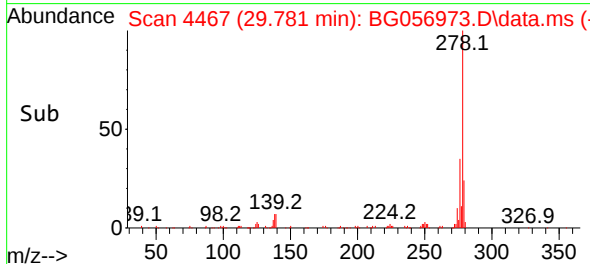
Instrument :
BNA_G
ClientSampleId :
WC-6MSD



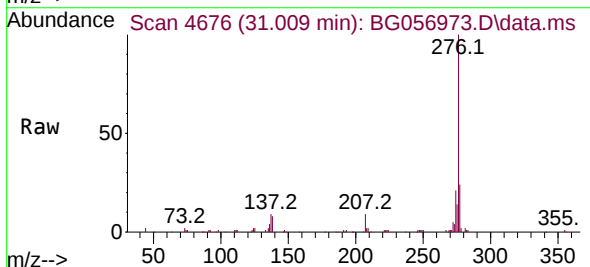
Tgt Ion:278 Resp: 31304
Ion Ratio Lower Upper
278 100
139 7.2 6.4 9.6
279 23.7 20.2 30.2

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 44.123 ng
RT: 31.009 min Scan# 4676
Delta R.T. -0.035 min
Lab File: BG056973.D
Acq: 4 Apr 2023 20:17



Tgt Ion:276 Resp: 294154
Ion Ratio Lower Upper
276 100
277 23.6 19.1 28.7
138 8.3 8.2 12.2

