

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040623\
 Data File : BG057015.D
 Acq On : 6 Apr 2023 16:54
 Operator : CG/JU
 Sample : 02191-02MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 72-11982MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/07/2023
 Supervised By : Jagrut Upadhyay 04/07/2023

Quant Time: Apr 07 01:37:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 07 01:33:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.408	152	16086	20.000	ng	0.00
21) Naphthalene-d8	11.251	136	62929	20.000	ng	# 0.00
39) Acenaphthene-d10	15.022	164	44734	20.000	ng	0.00
64) Phenanthrene-d10	17.766	188	104155	20.000	ng	0.00
76) Chrysene-d12	22.083	240	88993	20.000	ng	0.00
86) Perylene-d12	25.620	264	96874	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.923	112	96853	96.362	ng	0.00
7) Phenol-d6	7.544	99	143706	95.597	ng	0.00
23) Nitrobenzene-d5	9.588	82	91458	59.468	ng	0.00
42) 2,4,6-Tribromophenol	16.503	330	70635	98.840	ng	0.00
45) 2-Fluorobiphenyl	13.648	172	215392	65.291	ng	0.00
79) Terphenyl-d14	20.327	244	332892	63.298	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.726	88	17238	39.124	ng	95
3) Pyridine	4.149	79	50614	35.666	ng	97
4) n-Nitrosodimethylamine	4.055	42	27841	42.671	ng	99
6) Aniline	7.720	93	68844	35.824	ng	97
8) 2-Chlorophenol	7.967	128	52844	52.785	ng	91
9) Benzaldehyde	7.532	77	37078	39.325	ng	94
10) Phenol	7.574	94	73916	49.624	ng	98
11) bis(2-Chloroethyl)ether	7.809	93	49104	46.280	ng	96
12) 1,3-Dichlorobenzene	8.302	146	58637	53.008	ng	94
13) 1,4-Dichlorobenzene	8.449	146	59311	53.124	ng	98
14) 1,2-Dichlorobenzene	8.772	146	55535	51.486	ng	96
15) Benzyl Alcohol	8.643	79	57747	46.232	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.931	45	58001m	45.359	ng	
17) 2-Methylphenol	8.842	107	50048	47.096	ng	93
18) Hexachloroethane	9.512	117	21150	51.830	ng	# 82
19) n-Nitroso-di-n-propyla...	9.212	70	46067	42.844	ng	99
20) 3+4-Methylphenols	9.171	107	67508	45.430	ng	97
22) Acetophenone	9.242	105	86230	46.050	ng	# 97
24) Nitrobenzene	9.630	77	71097	45.216	ng	99
25) Isophorone	10.152	82	122773	41.921	ng	96
26) 2-Nitrophenol	10.346	139	29964	49.371	ng	92
27) 2,4-Dimethylphenol	10.393	122	53092	49.546	ng	96
28) bis(2-Chloroethoxy)met...	10.628	93	63686	43.436	ng	94
29) 2,4-Dichlorophenol	10.887	162	57002	49.463	ng	97
30) 1,2,4-Trichlorobenzene	11.110	180	61874	50.531	ng	97
31) Naphthalene	11.304	128	165056	48.120	ng	99
32) Benzoic acid	10.534	122	35383m	48.070	ng	
33) 4-Chloroaniline	11.398	127	43520	28.093	ng	97
34) Hexachlorobutadiene	11.574	225	45834	49.830	ng	98
35) Caprolactam	12.173	113	17095m	43.014	ng	
36) 4-Chloro-3-methylphenol	12.490	107	60241	46.742	ng	100
37) 2-Methylnaphthalene	12.878	142	121719	44.712	ng	100
38) 1-Methylnaphthalene	13.095	142	113209	44.287	ng	100
40) 1,2,4,5-Tetrachloroben...	13.236	216	82847	53.407	ng	98
41) Hexachlorocyclopentadiene	13.213	237	99140	115.994	ng	94
43) 2,4,6-Trichlorophenol	13.466	196	51596	52.122	ng	97

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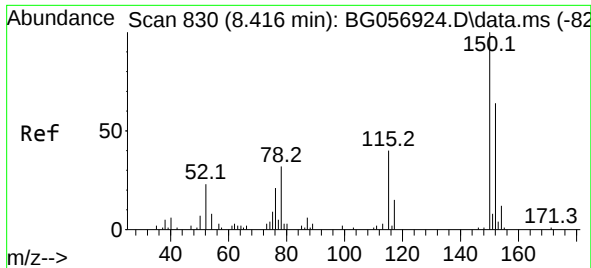
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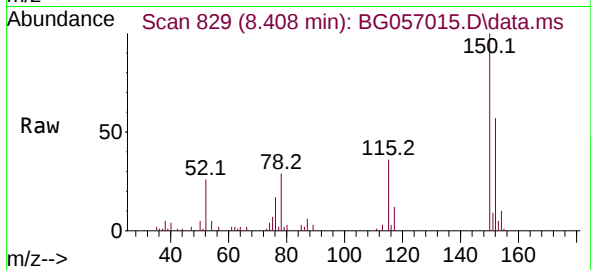
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.542	196	56303	48.011	ng	98
46) 1,1'-Biphenyl	13.859	154	170989	52.216	ng	97
47) 2-Chloronaphthalene	13.912	162	128360	52.999	ng	97
48) 2-Nitroaniline	14.106	65	41510	47.932	ng	98
49) Acenaphthylene	14.752	152	201427	50.619	ng	99
50) Dimethylphthalate	14.458	163	162883	46.212	ng	# 98
51) 2,6-Dinitrotoluene	14.588	165	36212	47.550	ng	96
52) Acenaphthene	15.087	154	157458m	57.374	ng	
53) 3-Nitroaniline	14.917	138	28457	37.751	ng	93
54) 2,4-Dinitrophenol	15.128	184	49917	116.452	ng	93
55) Dibenzofuran	15.422	168	201797	48.991	ng	96
56) 4-Nitrophenol	15.216	139	58313	104.615	ng	89
57) 2,4-Dinitrotoluene	15.369	165	52213	48.612	ng	100
58) Fluorene	16.062	166	167087	49.021	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.639	232	52926	49.568	ng	# 99
60) Diethylphthalate	15.809	149	164167	46.460	ng	99
61) 4-Chlorophenyl-phenyle...	16.044	204	96349	48.146	ng	95
62) 4-Nitroaniline	16.080	138	35808	45.849	ng	88
63) Azobenzene	16.338	77	166200	47.196	ng	98
65) 4,6-Dinitro-2-methylph...	16.133	198	35630	56.483	ng	98
66) n-Nitrosodiphenylamine	16.256	169	138616	49.577	ng	99
67) 4-Bromophenyl-phenylether	16.937	248	62052	48.150	ng	98
68) Hexachlorobenzene	17.067	284	68909	54.084	ng	99
69) Atrazine	17.190	200	60612	52.224	ng	97
70) Pentachlorophenol	17.407	266	88678	97.015	ng	94
71) Phenanthrene	17.807	178	362368	68.239	ng	99
72) Anthracene	17.895	178	271277	49.833	ng	99
73) Carbazole	18.159	167	235771	49.675	ng	97
74) Di-n-butylphthalate	18.682	149	257167	46.791	ng	100
75) Fluoranthene	19.792	202	473401	70.325	ng	100
77) Benzidine	19.957	184	80677	33.167	ng	98
78) Pyrene	20.156	202	474099	77.024	ng	98
80) Butylbenzylphthalate	21.008	149	103128	48.689	ng	95
81) Benzo(a)anthracene	22.060	228	381211	61.902	ng	99
82) 3,3'-Dichlorobenzidine	21.954	252	69713	33.523	ng	100
83) Chrysene	22.136	228	365034	63.307	ng	99
84) Bis(2-ethylhexyl)phtha...	21.913	149	149980	48.899	ng	98
85) Di-n-octyl phthalate	23.223	149	246361	47.665	ng	99
87) Indeno(1,2,3-cd)pyrene	29.738	276	414034	57.830	ng	# 97
88) Benzo(b)fluoranthene	24.498	252	417912	68.987	ng	99
89) Benzo(k)fluoranthene	24.568	252	340483	56.300	ng	99
90) Benzo(a)pyrene	25.461	252	347152	58.318	ng	99
91) Dibenzo(a,h)anthracene	29.791	278	306321	52.052	ng	97
92) Benzo(g,h,i)perylene	31.018	276	342090	59.365	ng	97

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.408 min Scan# 81
 Delta R.T. -0.005 min
 Lab File: BG057015.D
 Acq: 6 Apr 2023 16:54

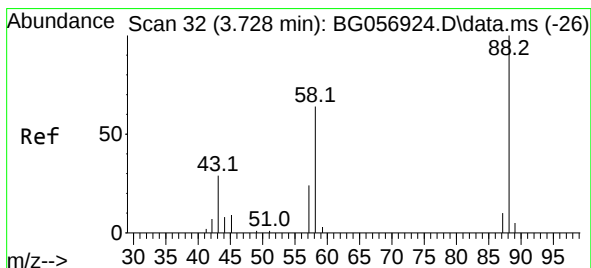
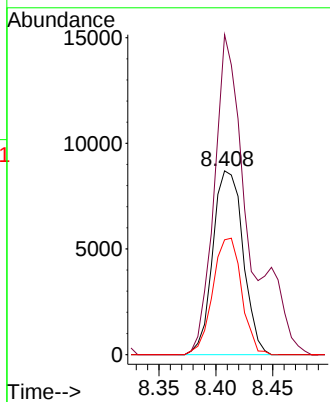
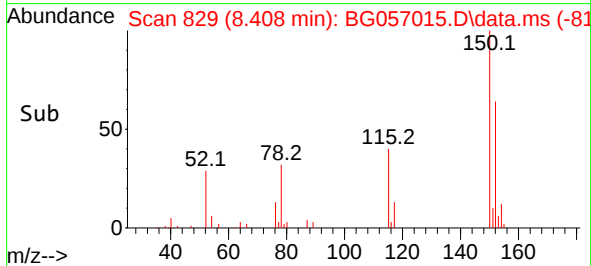
Instrument :
 BNA_G
 ClientSampleId :
 72-11982MS



Tgt Ion:152 Resp: 16086
 Ion Ratio Lower Upper
 152 100
 150 174.1 124.1 186.1
 115 62.5 49.1 73.7

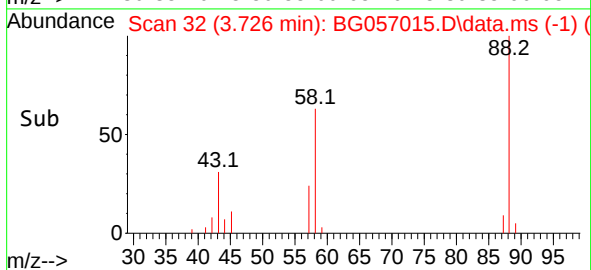
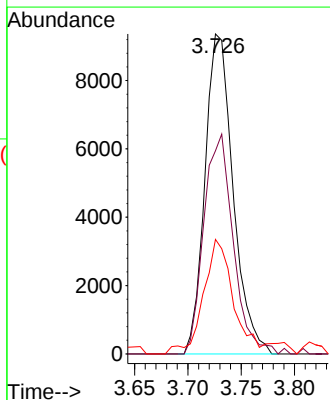
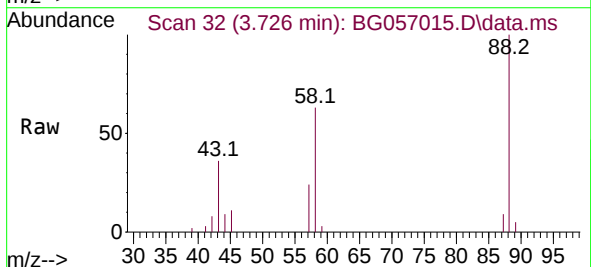
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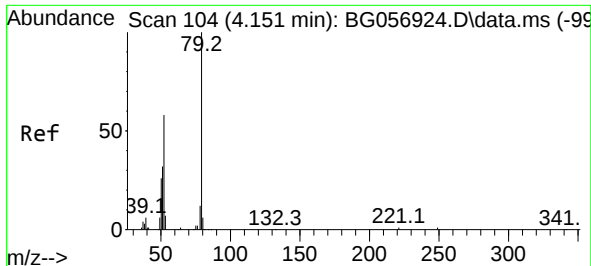
Reviewed By :Christian Giraldo 04/07/2023
 Supervised By :Jagrut Upadhyay 04/07/2023



#2
 1,4-Dioxane
 Concen: 39.124 ng
 RT: 3.726 min Scan# 32
 Delta R.T. 0.000 min
 Lab File: BG057015.D
 Acq: 6 Apr 2023 16:54

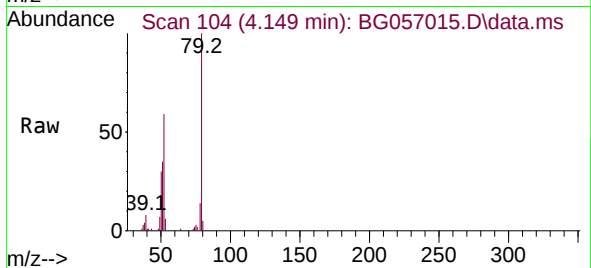
Tgt Ion: 88 Resp: 17238
 Ion Ratio Lower Upper
 88 100
 58 71.6 55.9 83.9
 43 38.0 25.7 38.5





#3
Pyridine
Concen: 35.666 ng
RT: 4.149 min Scan# 104
Delta R.T. 0.000 min
Lab File: BG057015.D
Acq: 6 Apr 2023 16:54

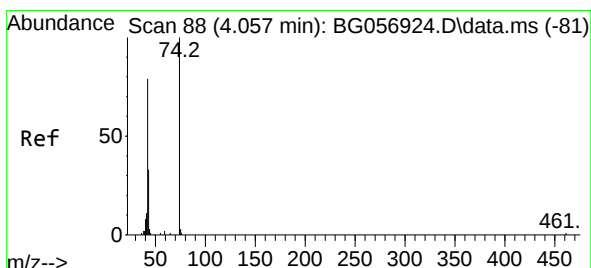
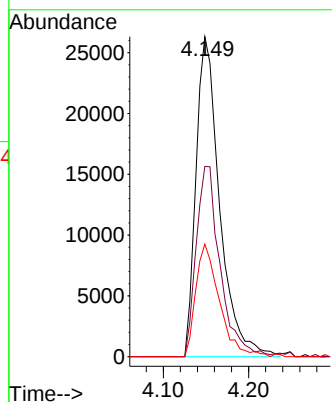
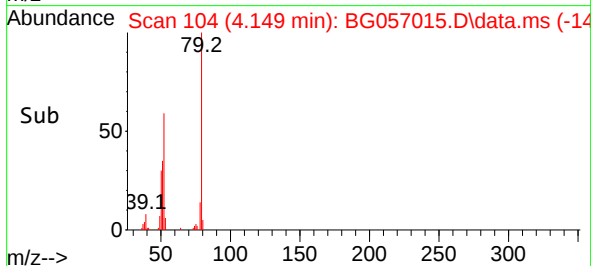
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ClientSampleId :
72-11982MS



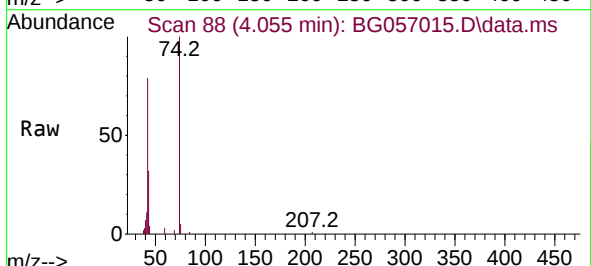
Tgt Ion: 79 Resp: 50614
Ion Ratio Lower Upper
79 100
52 59.4 46.1 69.1
51 35.1 26.1 39.1

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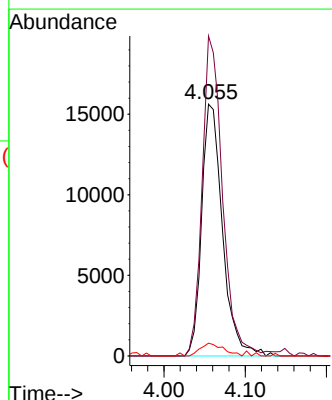
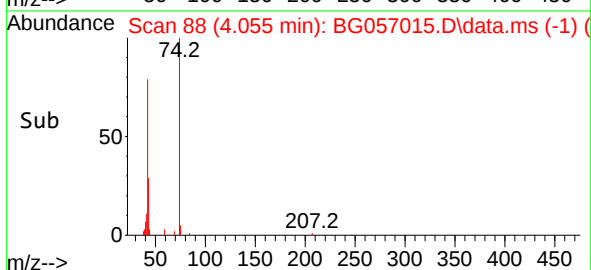
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Supervised By :Jagrut Upadhyay 04/07/2023

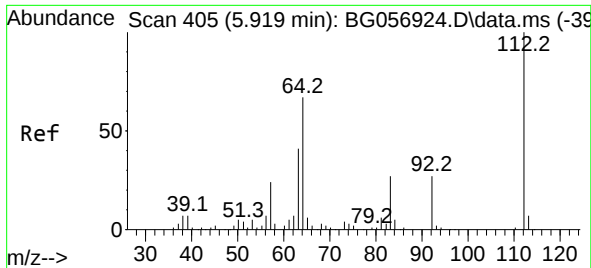


#4
n-Nitrosodimethylamine
Concen: 42.671 ng
RT: 4.055 min Scan# 88
Delta R.T. 0.000 min
Lab File: BG057015.D
Acq: 6 Apr 2023 16:54



Tgt Ion: 42 Resp: 27841
Ion Ratio Lower Upper
42 100
74 127.1 100.6 151.0
44 5.1 4.6 7.0





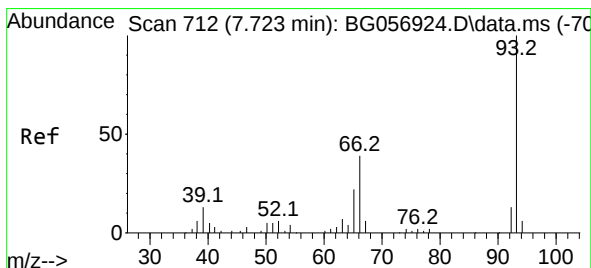
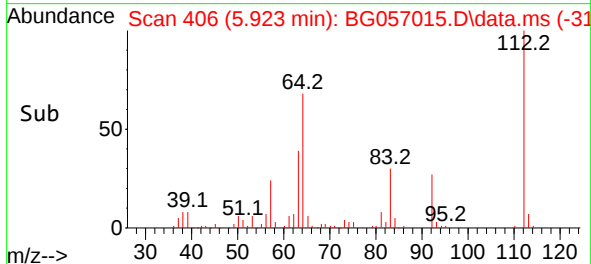
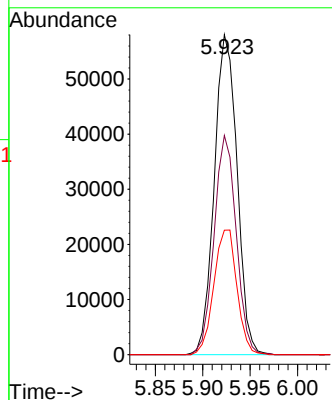
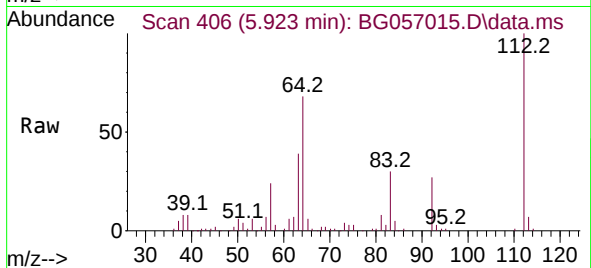
#5
2-Fluorophenol
Concen: 96.362 ng
RT: 5.923 min Scan# 405
Delta R.T. 0.006 min
Lab File: BG057015.D
Acq: 6 Apr 2023 16:54

Instrument :
BNA_G
ClientSampleId :
72-11982MS

Tgt Ion:112 Resp: 96853
Ion Ratio Lower Upper
112 100
64 68.5 53.2 79.8
63 38.9 32.6 48.8

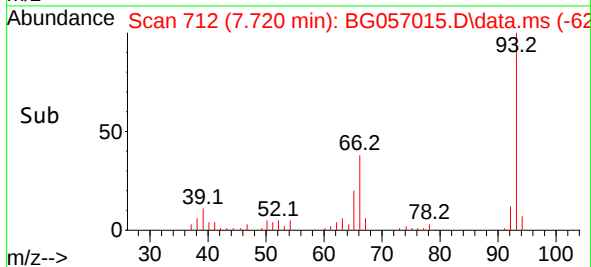
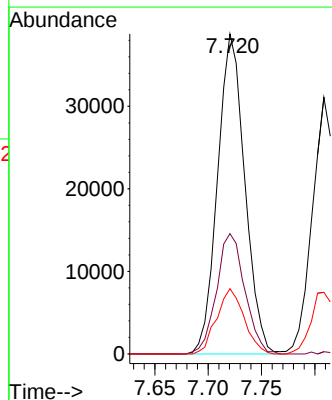
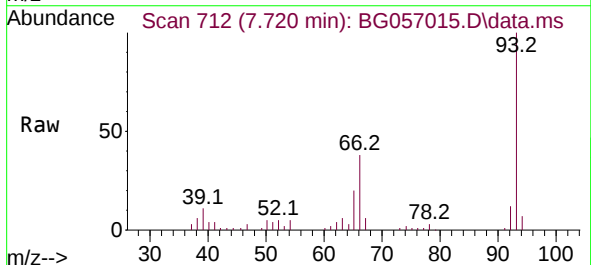
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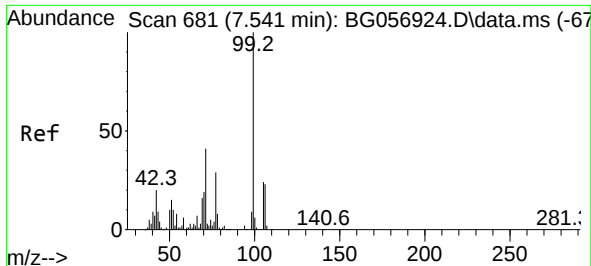
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#6
Aniline
Concen: 35.824 ng
RT: 7.720 min Scan# 712
Delta R.T. 0.000 min
Lab File: BG057015.D
Acq: 6 Apr 2023 16:54

Tgt Ion: 93 Resp: 68844
Ion Ratio Lower Upper
93 100
66 37.6 31.4 47.0
65 20.4 17.3 25.9





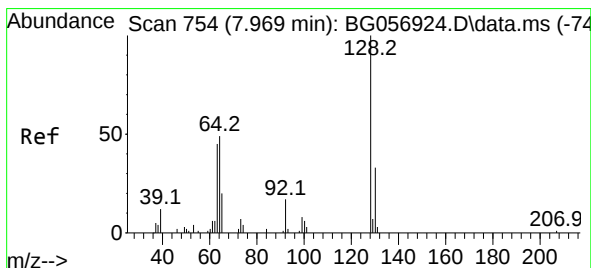
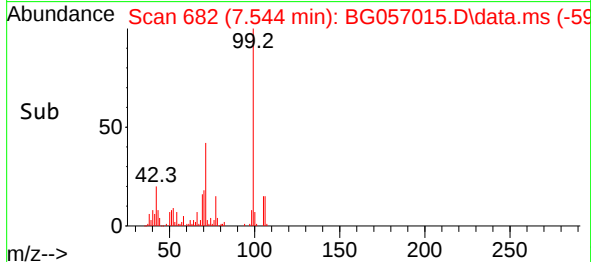
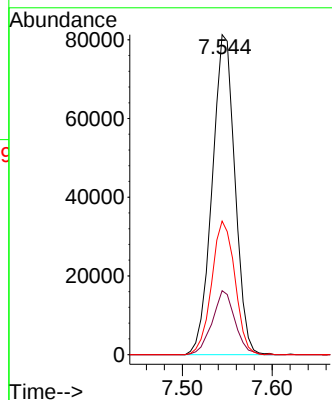
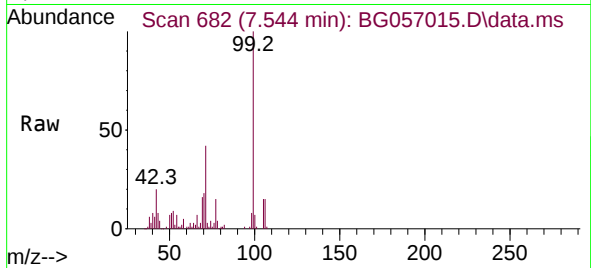
#7
Phenol-d6
Concen: 95.597 ng
RT: 7.544 min Scan# 681
Delta R.T. 0.000 min
Lab File: BG057015.D
Acq: 6 Apr 2023 16:54

Instrument :
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ClientSampleId :
72-11982MS

Tgt Ion: 99 Resp: 143706
Ion Ratio Lower Upper
99 100
42 20.0 15.7 23.5
71 41.7 32.5 48.7

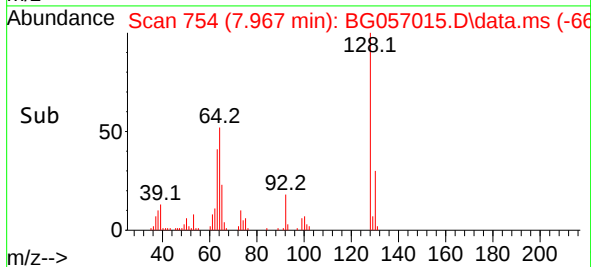
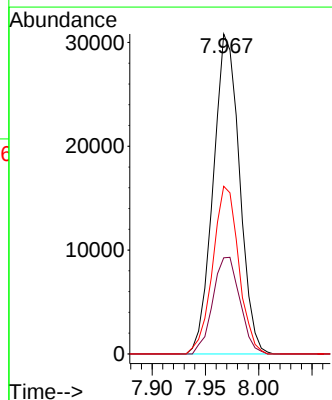
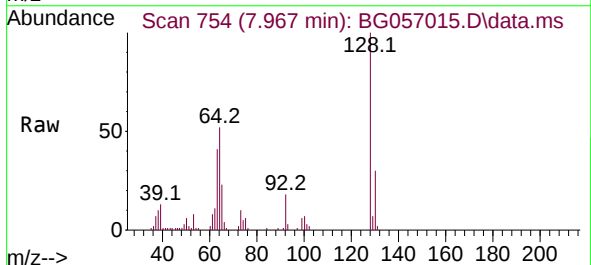
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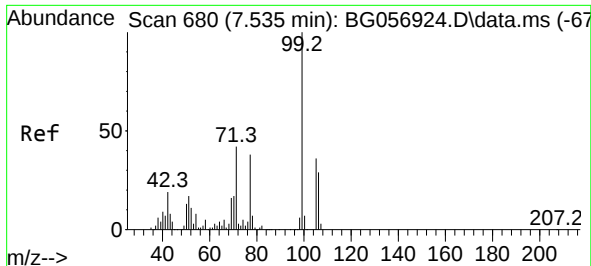
Reviewed By :Christian Giraldo 04/07/2023
Supervised By :Jagrut Upadhyay 04/07/2023



#8
2-Chlorophenol
Concen: 52.785 ng
RT: 7.967 min Scan# 754
Delta R.T. -0.005 min
Lab File: BG057015.D
Acq: 6 Apr 2023 16:54

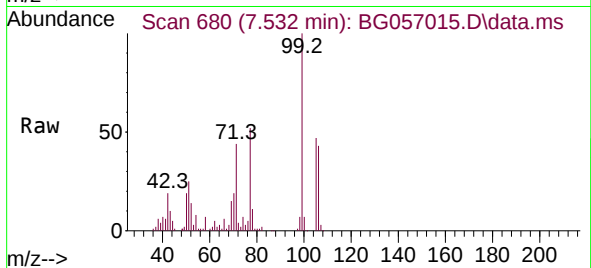
Tgt Ion:128 Resp: 52844
Ion Ratio Lower Upper
128 100
130 30.0 12.6 52.6
64 52.4 40.6 80.6





#9
Benzaldehyde
Concen: 39.325 ng
RT: 7.532 min Scan# 680
Delta R.T. -0.005 min
Lab File: BG057015.D
Acq: 6 Apr 2023 16:54

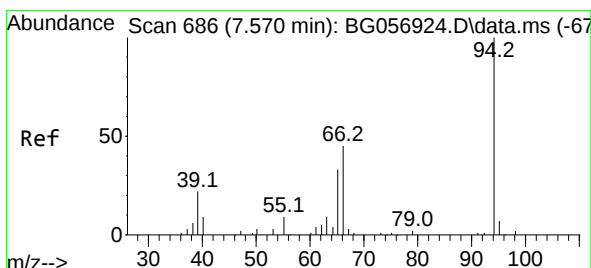
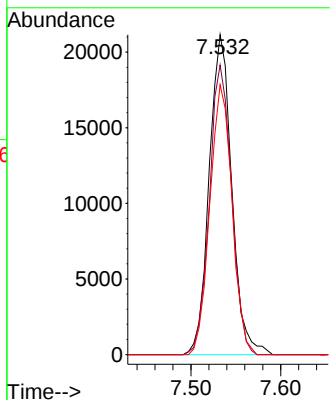
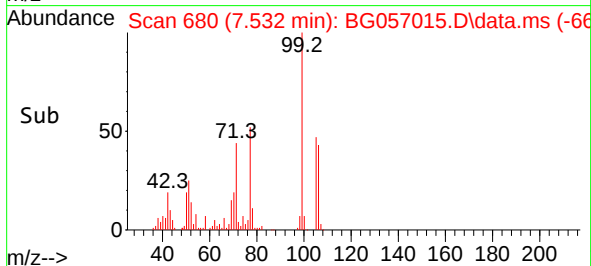
Instrument :
BNA_G
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Tgt Ion: 77 Resp: 37078
Ion Ratio Lower Upper
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105 90.5 73.6 113.6
106 84.3 56.7 96.7

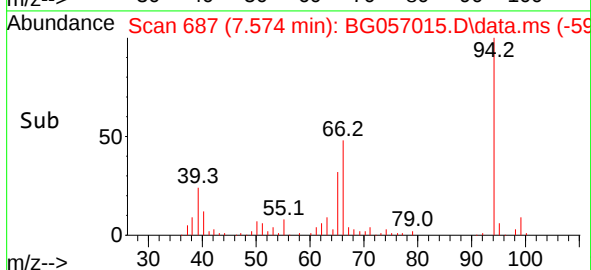
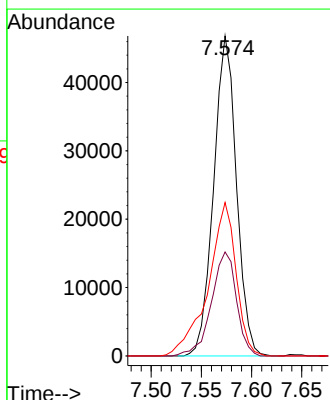
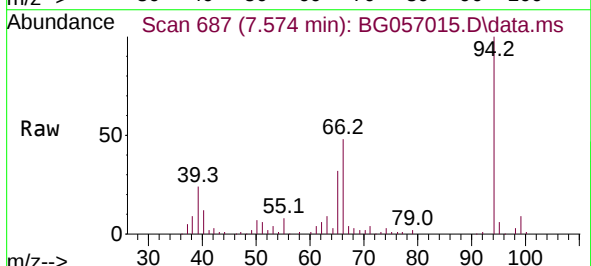
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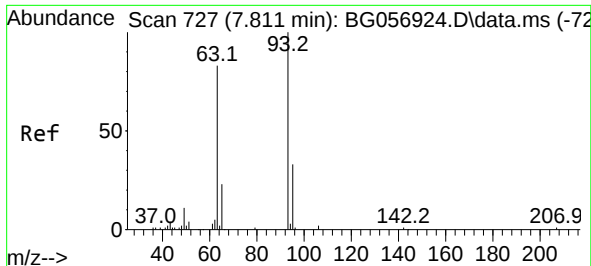
Reviewed By :Christian Giraldo 04/07/2023
Supervised By :Jagrut Upadhyay 04/07/2023



#10
Phenol
Concen: 49.624 ng
RT: 7.574 min Scan# 687
Delta R.T. 0.000 min
Lab File: BG057015.D
Acq: 6 Apr 2023 16:54

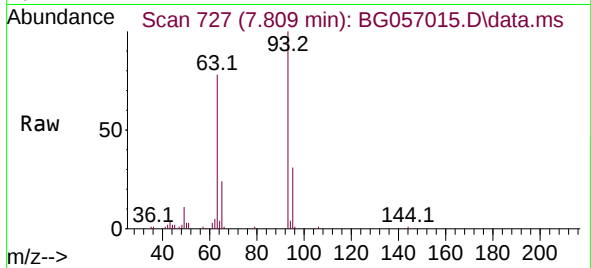
Tgt Ion: 94 Resp: 73916
Ion Ratio Lower Upper
94 100
65 32.5 13.3 53.3
66 47.9 26.7 66.7





#11
bis(2-Chloroethyl)ether
Concen: 46.280 ng
RT: 7.809 min Scan# 727
Delta R.T. 0.000 min
Lab File: BG057015.D
Acq: 6 Apr 2023 16:54

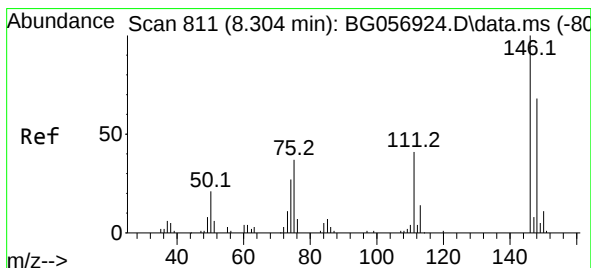
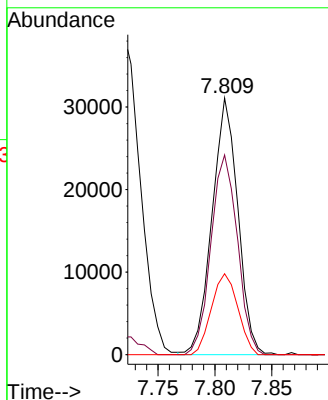
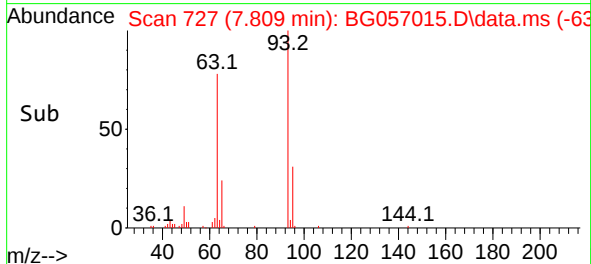
Instrument :
BNA_G
ClientSampleId :
72-11982MS



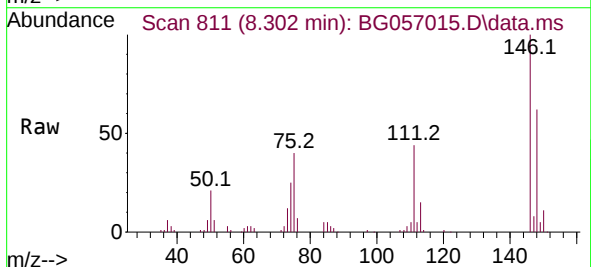
Tgt Ion: 93 Resp: 49104
Ion Ratio Lower Upper
93 100
63 77.8 62.7 102.7
95 31.5 12.3 52.3

Manual Integrations
APPROVED

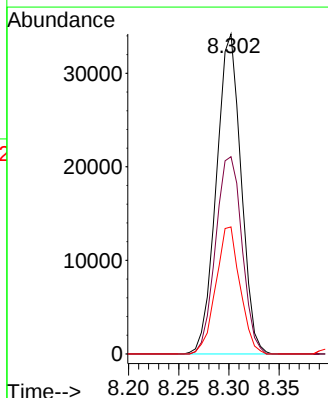
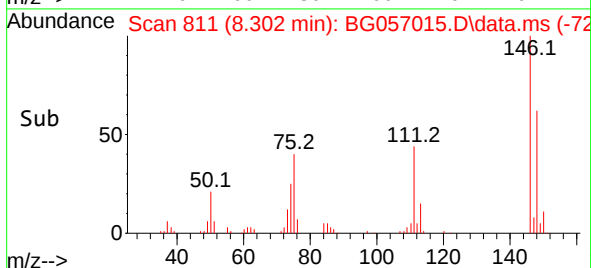
Reviewed By :Christian Giraldo 04/07/2023
Supervised By :Jagrut Upadhyay 04/07/2023

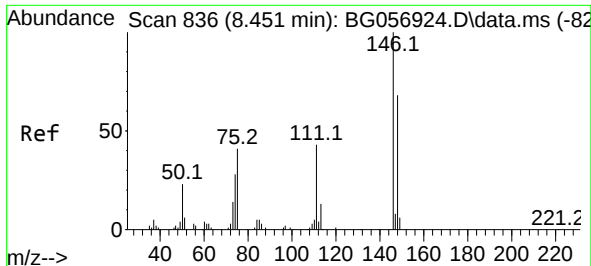


#12
1,3-Dichlorobenzene
Concen: 53.008 ng
RT: 8.302 min Scan# 811
Delta R.T. 0.000 min
Lab File: BG057015.D
Acq: 6 Apr 2023 16:54



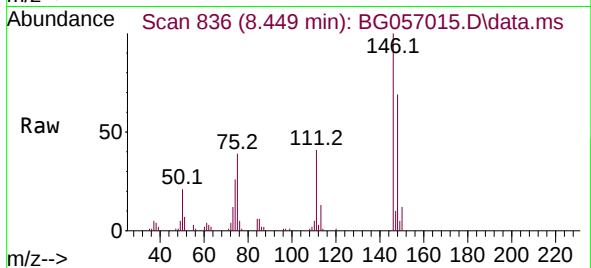
Tgt Ion:146 Resp: 58637
Ion Ratio Lower Upper
146 100
148 61.6 54.2 81.4
75 39.7 29.8 44.8





#13
1,4-Dichlorobenzene
Concen: 53.124 ng
RT: 8.449 min Scan# 841
Delta R.T. 0.000 min
Lab File: BG057015.D
Acq: 6 Apr 2023 16:54

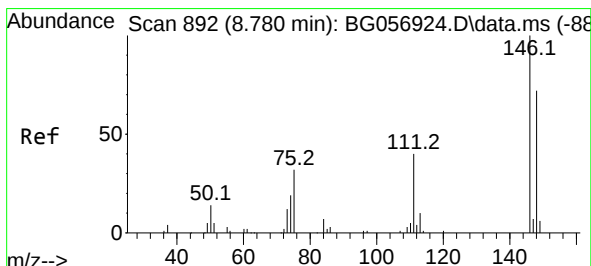
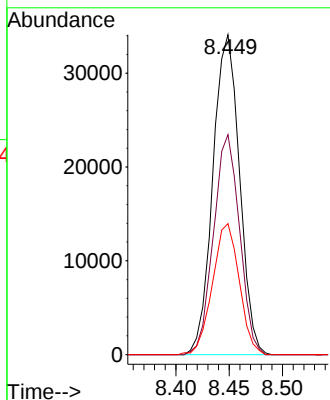
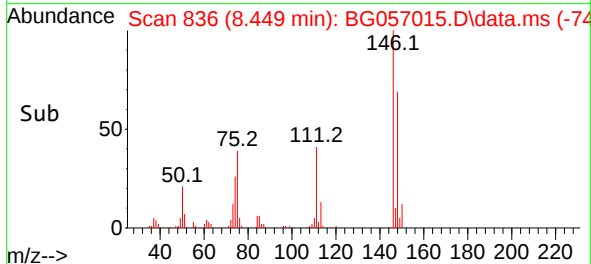
Instrument :
BNA_G
ClientSampleId :
72-11982MS



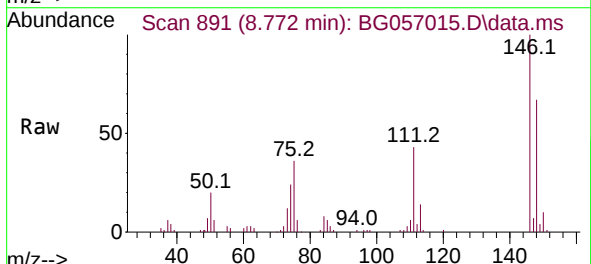
Tgt Ion:146 Resp: 5931
Ion Ratio Lower Upper
146 100
148 68.7 54.8 82.2
111 40.9 34.6 52.0

Manual Integrations
APPROVED

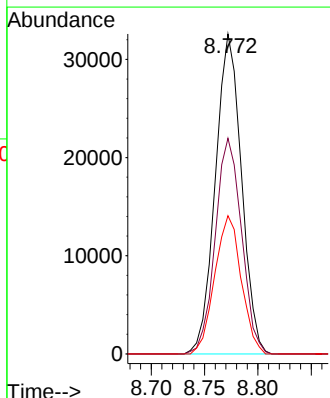
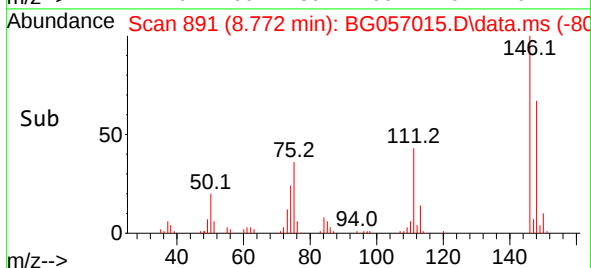
Reviewed By :Christian Giraldo 04/07/2023
Supervised By :Jagrut Upadhyay 04/07/2023

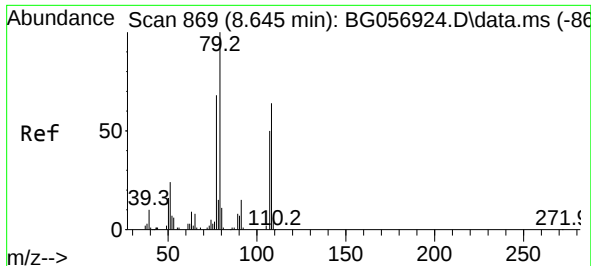


#14
1,2-Dichlorobenzene
Concen: 51.486 ng
RT: 8.772 min Scan# 891
Delta R.T. -0.005 min
Lab File: BG057015.D
Acq: 6 Apr 2023 16:54



Tgt Ion:146 Resp: 55535
Ion Ratio Lower Upper
146 100
148 67.4 57.4 86.0
111 43.2 33.2 49.8





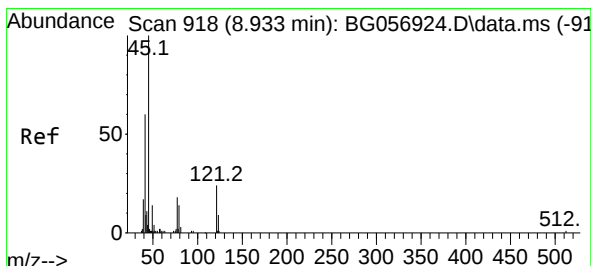
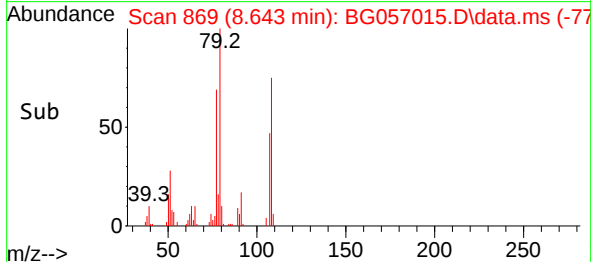
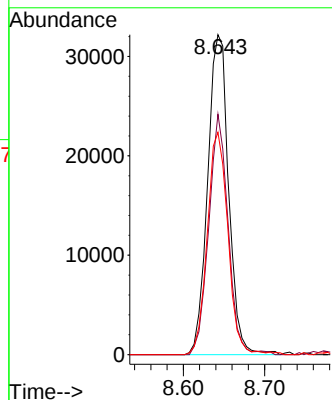
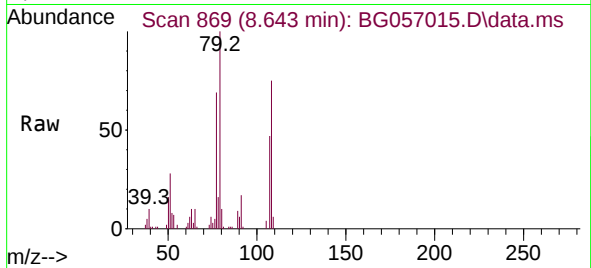
#15
Benzyl Alcohol
Concen: 46.232 ng
RT: 8.643 min Scan# 869
Delta R.T. 0.000 min
Lab File: BG057015.D
Acq: 6 Apr 2023 16:54

Instrument :
BNA_G
Client SampleId :
72-11982MS

Tgt Ion: 79 Resp: 5774
Ion Ratio Lower Upper
79 100
108 75.1 51.2 76.8
77 69.5 54.4 81.6

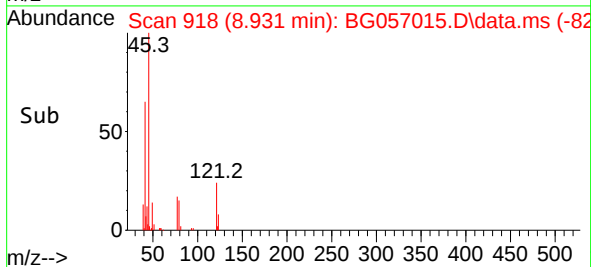
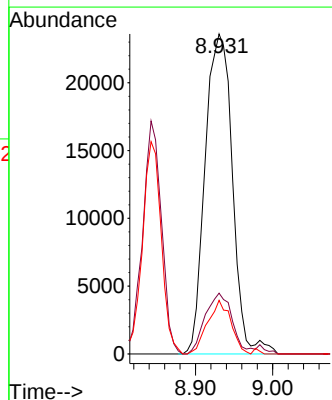
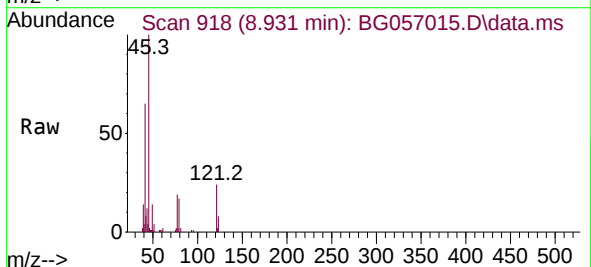
Manual Integrations
APPROVED

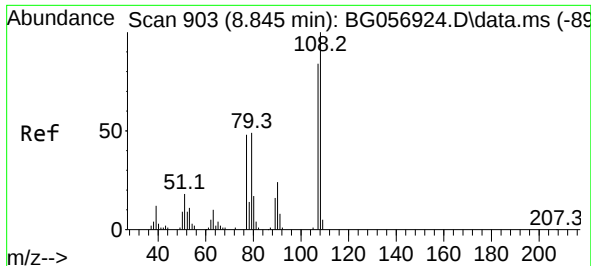
Reviewed By :Christian Giraldo 04/07/2023
Supervised By :Jagrut Upadhyay 04/07/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.359 ng m
RT: 8.931 min Scan# 918
Delta R.T. -0.005 min
Lab File: BG057015.D
Acq: 6 Apr 2023 16:54

Tgt Ion: 45 Resp: 58001
Ion Ratio Lower Upper
45 100
77 19.0 0.0 38.7
79 16.7 0.0 35.1





#17

2-Methylphenol

Concen: 47.096 ng

RT: 8.842 min Scan# 90

Delta R.T. 0.000 min

Lab File: BG057015.D

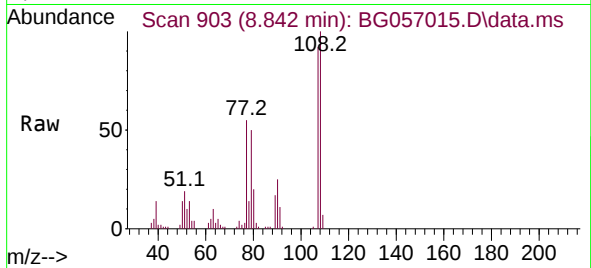
Acq: 6 Apr 2023 16:54

Instrument :

BNA_G

ClientSampleId :

72-11982MS



Tgt Ion:107 Resp: 50048

Ion Ratio Lower Upper

107 100

108 109.1 96.0 144.0

77 60.0 45.6 68.4

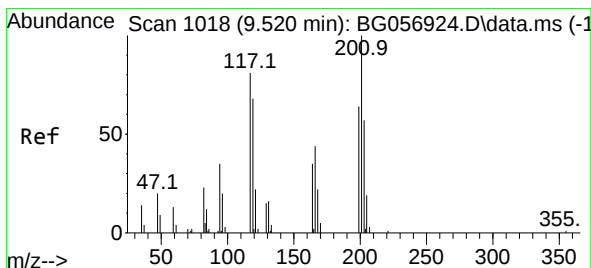
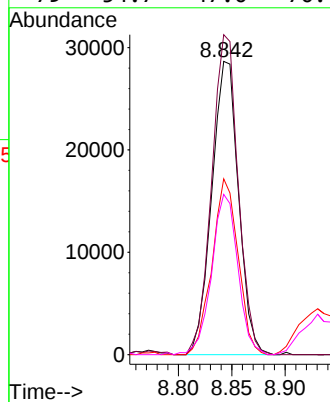
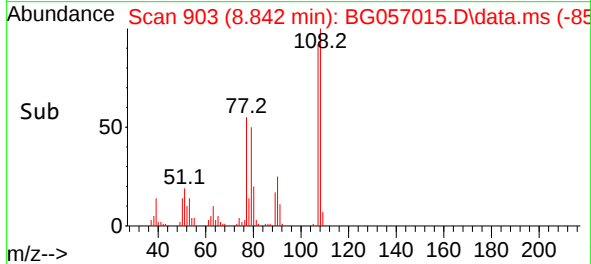
79 54.7 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/07/2023

Supervised By :Jagrut Upadhyay 04/07/2023



#18

Hexachloroethane

Concen: 51.830 ng

RT: 9.512 min Scan# 1017

Delta R.T. 0.000 min

Lab File: BG057015.D

Acq: 6 Apr 2023 16:54

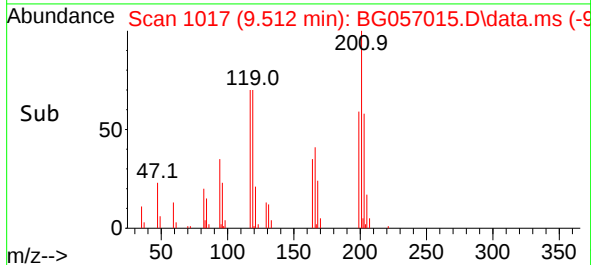
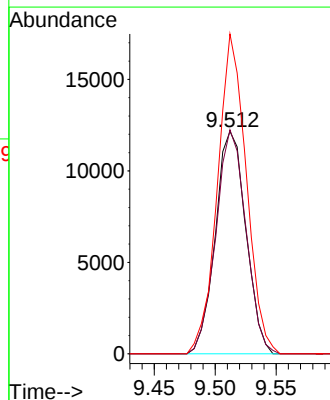
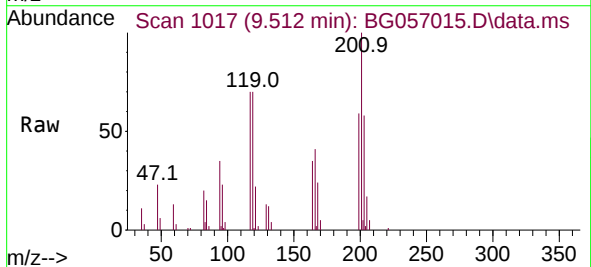
Tgt Ion:117 Resp: 21150

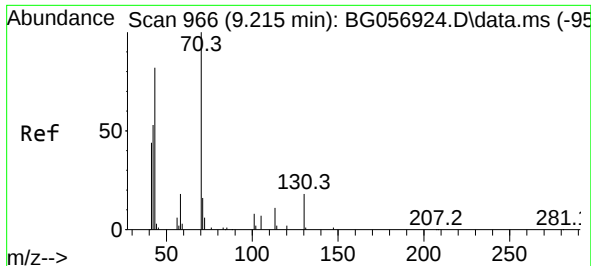
Ion Ratio Lower Upper

117 100

119 100.7 67.0 100.6#

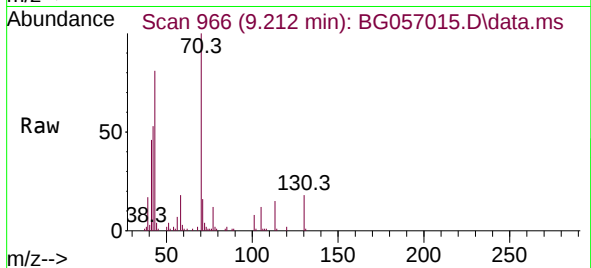
201 143.8 98.7 148.1





#19
n-Nitroso-di-n-propylamine
Concen: 42.844 ng
RT: 9.212 min Scan# 90
Delta R.T. 0.000 min
Lab File: BG057015.D
Acq: 6 Apr 2023 16:54

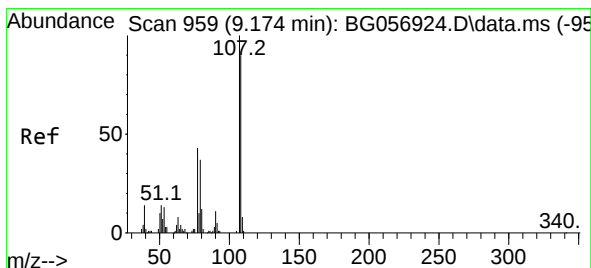
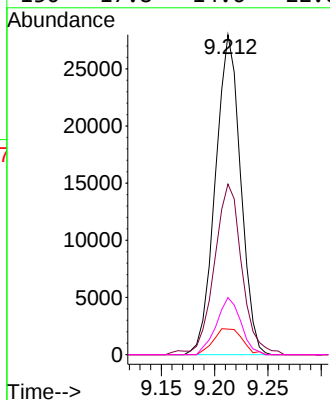
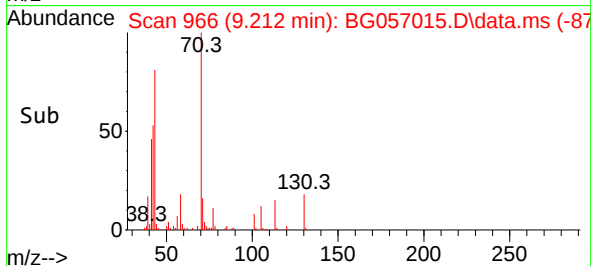
Instrument :
BNA_G
ClientSampleId :
72-11982MS



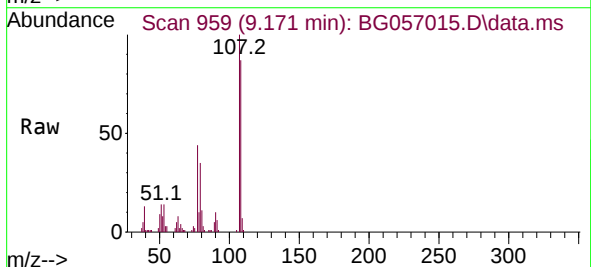
Tgt Ion: 70 Resp: 4606
Ion Ratio Lower Upper
70 100
42 53.3 43.4 65.0
101 8.0 6.2 9.2
130 17.8 14.6 22.0

Manual Integrations
APPROVED

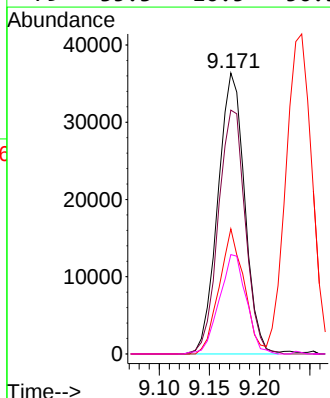
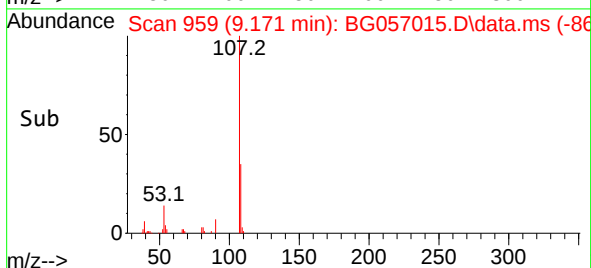
Reviewed By :Christian Giraldo 04/07/2023
Supervised By :Jagrut Upadhyay 04/07/2023

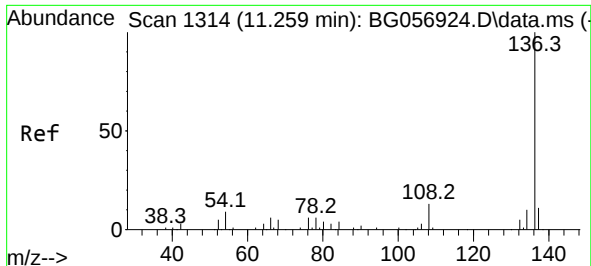


#20
3+4-Methylphenols
Concen: 45.430 ng
RT: 9.171 min Scan# 959
Delta R.T. 0.000 min
Lab File: BG057015.D
Acq: 6 Apr 2023 16:54



Tgt Ion:107 Resp: 67508
Ion Ratio Lower Upper
107 100
108 86.8 69.9 109.9
77 44.5 22.7 62.7
79 35.3 16.5 56.5





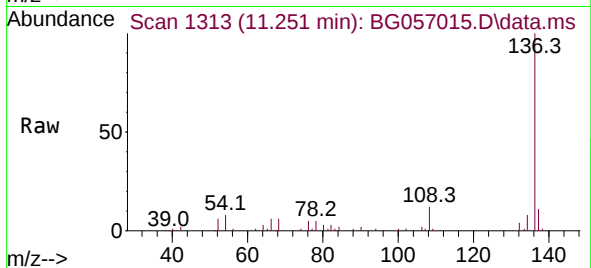
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.251 min Scan# 1314
Delta R.T. 0.000 min
Lab File: BG057015.D
Acq: 6 Apr 2023 16:54

Instrument :

BNA_G

ClientSampleId :

72-11982MS

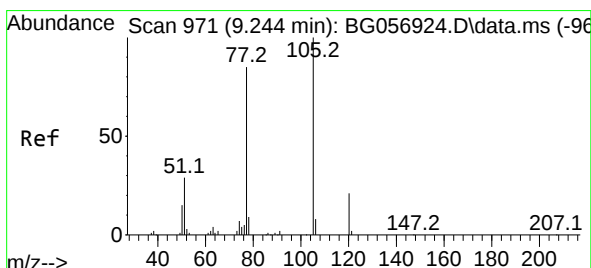
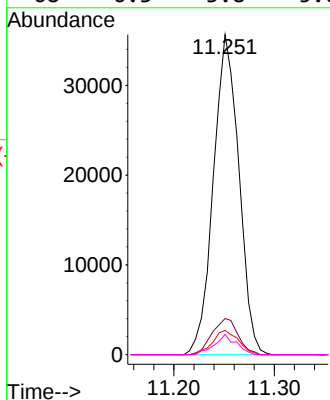
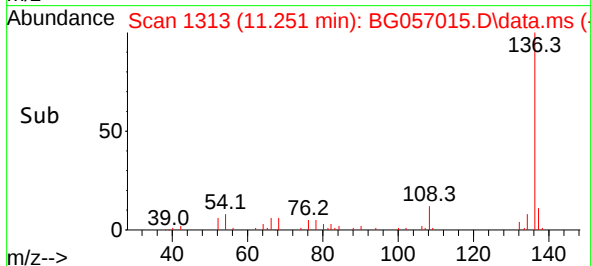


Tgt Ion:136 Resp: 62929
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 7.6 6.9 10.3
68 6.3 3.8 5.6#

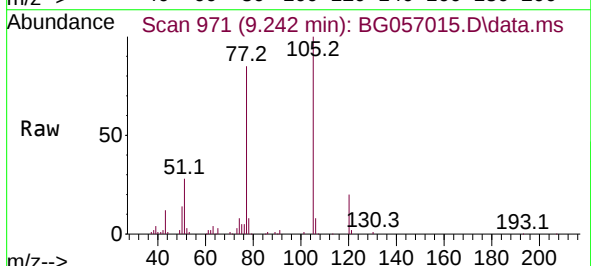
Manual Integrations

APPROVED

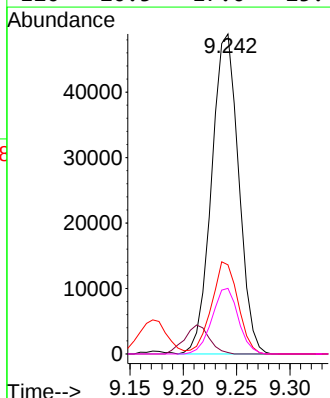
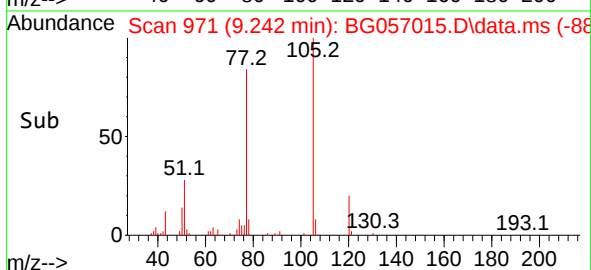
Reviewed By :Christian Giraldo 04/07/2023
Supervised By :Jagrut Upadhyay 04/07/2023

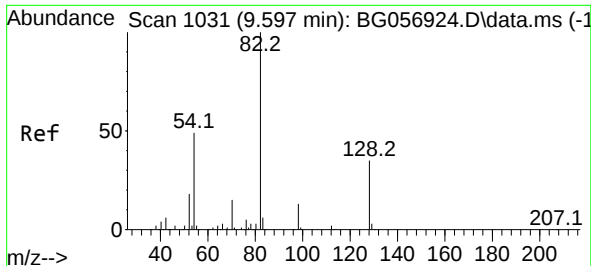


#22
Acetophenone
Concen: 46.050 ng
RT: 9.242 min Scan# 971
Delta R.T. 0.000 min
Lab File: BG057015.D
Acq: 6 Apr 2023 16:54



Tgt Ion:105 Resp: 86230
Ion Ratio Lower Upper
105 100
71 0.4 0.7 1.1#
51 27.8 23.8 35.8
120 20.5 17.0 25.4





#23

Nitrobenzene-d5

Concen: 59.468 ng

RT: 9.588 min Scan# 1030

Delta R.T. -0.005 min

Lab File: BG057015.D

Acq: 6 Apr 2023 16:54

Instrument :

BNA_G

ClientSampleId :

72-11982MS

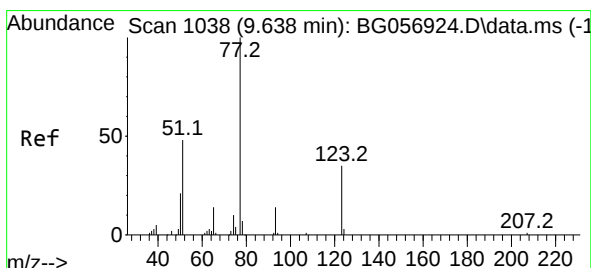
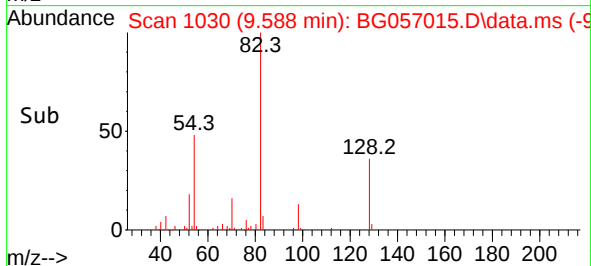
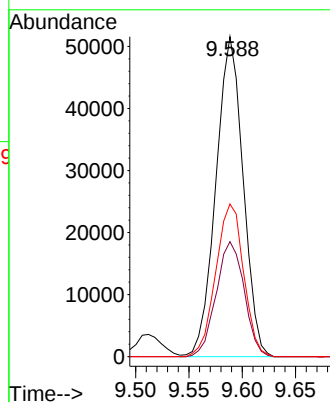
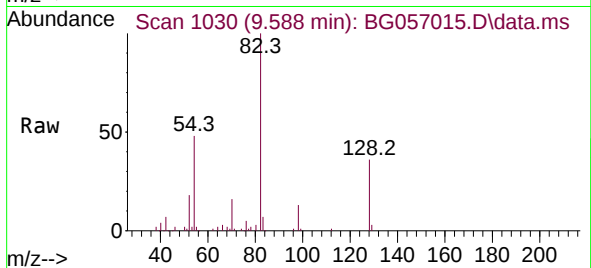
Tgt Ion: 82	Resp: 91458
Ion Ratio	Lower Upper
82	100
128	35.9 27.9 41.9
54	47.7 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/07/2023

Supervised By :Jagrut Upadhyay 04/07/2023



#24

Nitrobenzene

Concen: 45.216 ng

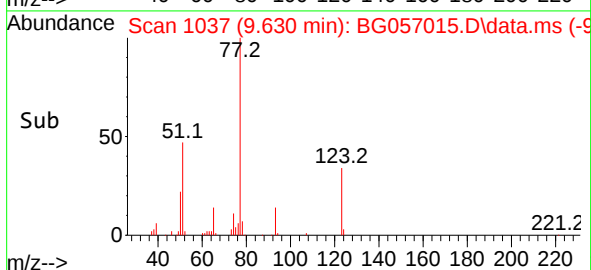
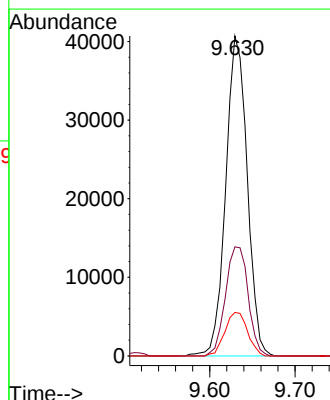
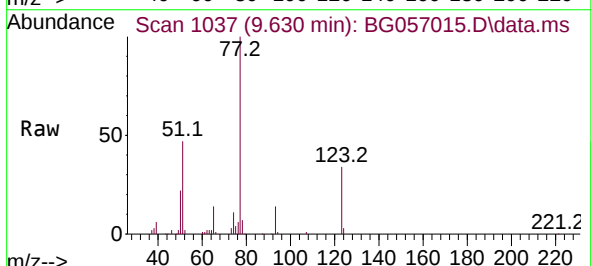
RT: 9.630 min Scan# 1037

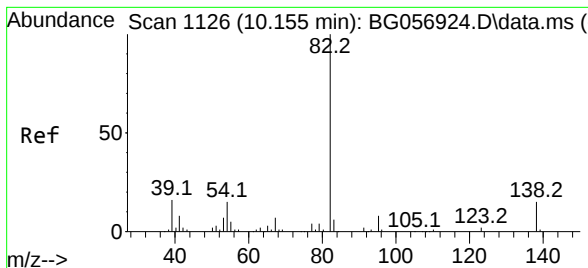
Delta R.T. -0.005 min

Lab File: BG057015.D

Acq: 6 Apr 2023 16:54

Tgt Ion: 77	Resp: 71097
Ion Ratio	Lower Upper
77	100
123	34.1 27.6 41.4
65	13.6 11.5 17.3





#25

Isophorone

Concen: 41.921 ng

RT: 10.152 min Scan# 1126

Delta R.T. 0.000 min

Lab File: BG057015.D

Acq: 6 Apr 2023 16:54

Instrument :

BNA_G

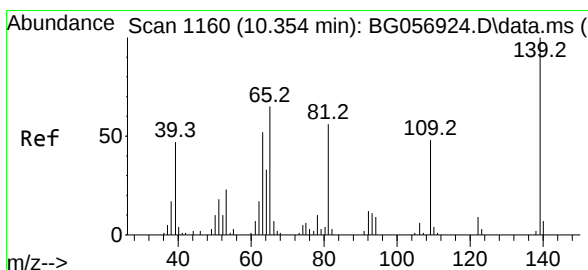
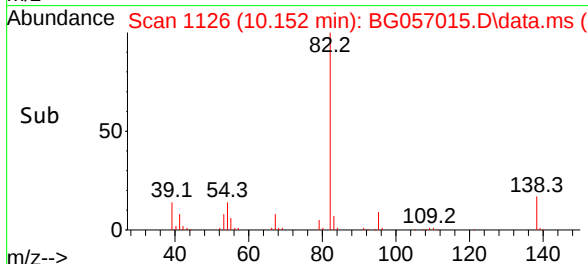
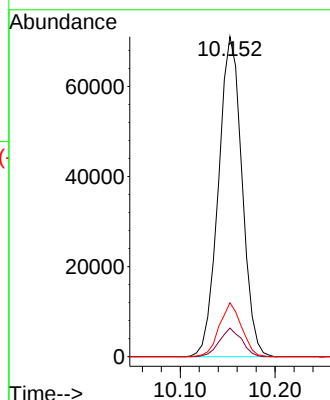
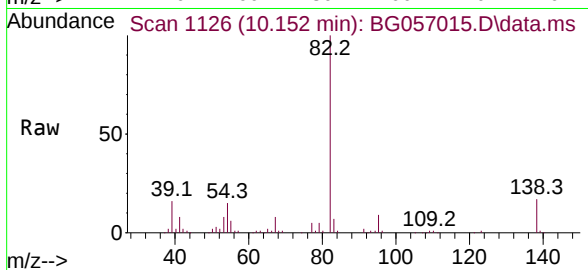
ClientSampleId :

72-11982MS

Tgt Ion: 82 Resp: 122773
 Ion Ratio Lower Upper
 82 100
 95 8.9 6.3 9.5
 138 16.8 11.8 17.8

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 04/07/2023
 Supervised By :Jagrut Upadhyay 04/07/2023



#26

2-Nitrophenol

Concen: 49.371 ng

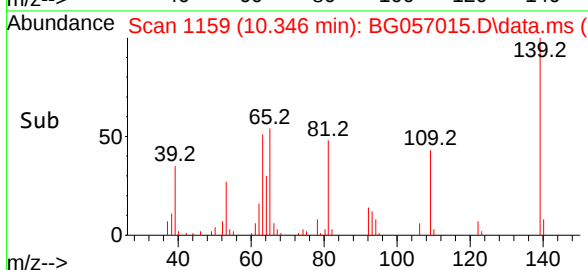
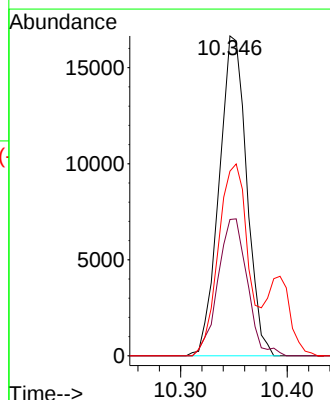
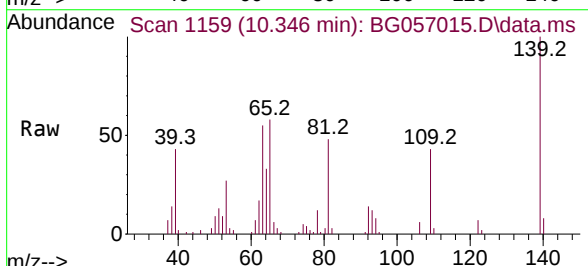
RT: 10.346 min Scan# 1159

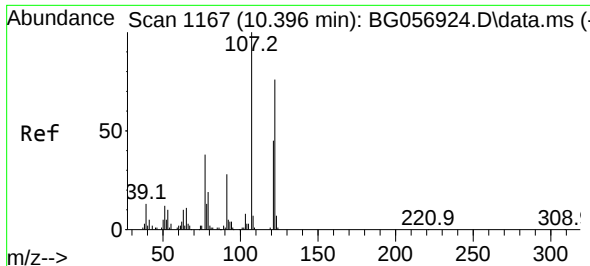
Delta R.T. -0.005 min

Lab File: BG057015.D

Acq: 6 Apr 2023 16:54

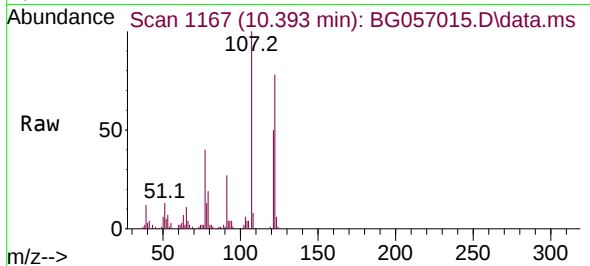
Tgt Ion:139 Resp: 29964
 Ion Ratio Lower Upper
 139 100
 109 42.6 38.2 57.4
 65 57.7 51.8 77.8





#27
2,4-Dimethylphenol
Concen: 49.546 ng
RT: 10.393 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BG057015.D
Acq: 6 Apr 2023 16:54

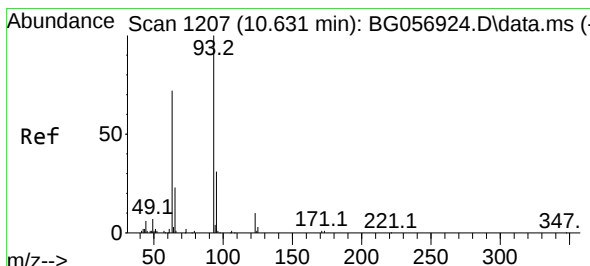
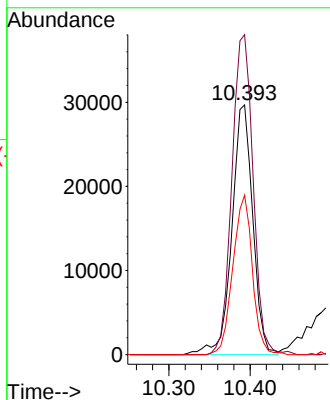
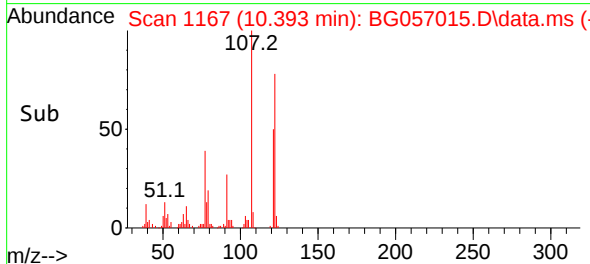
Instrument :
BNA_G
ClientSampleId :
72-11982MS



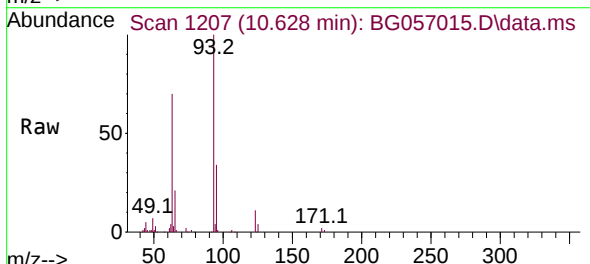
Tgt Ion:122 Resp: 53092
Ion Ratio Lower Upper
122 100
107 128.2 105.7 158.5
121 63.9 48.0 72.0

Manual Integrations
APPROVED

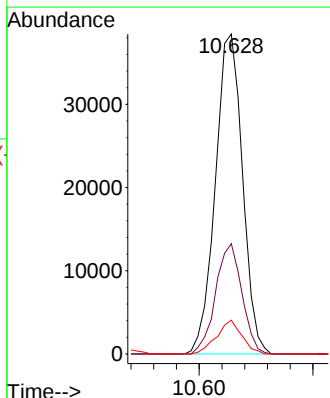
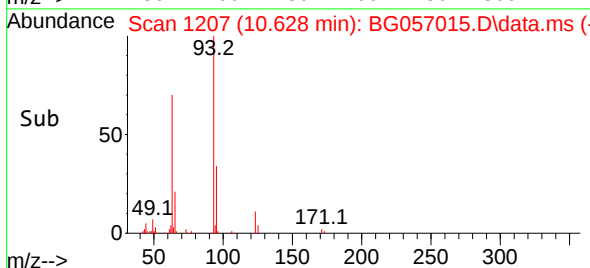
Reviewed By :Christian Giraldo 04/07/2023
Supervised By :Jagrut Upadhyay 04/07/2023

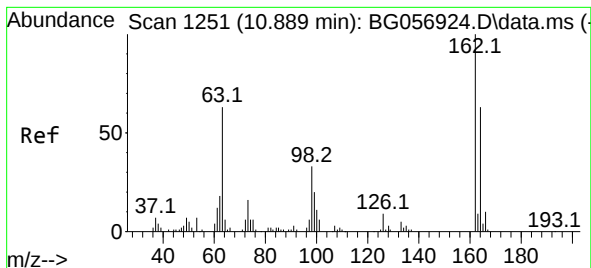


#28
bis(2-Chloroethoxy)methane
Concen: 43.436 ng
RT: 10.628 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BG057015.D
Acq: 6 Apr 2023 16:54



Tgt Ion: 93 Resp: 63686
Ion Ratio Lower Upper
93 100
95 34.4 24.6 37.0
123 10.5 7.8 11.6





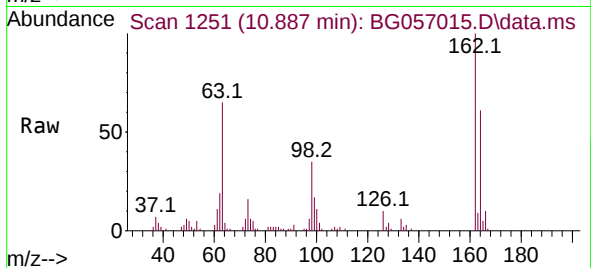
#29
2,4-Dichlorophenol
Concen: 49.463 ng
RT: 10.887 min Scan# 1251
Delta R.T. 0.000 min
Lab File: BG057015.D
Acq: 6 Apr 2023 16:54

Instrument :

BNA_G

ClientSampleId :

72-11982MS

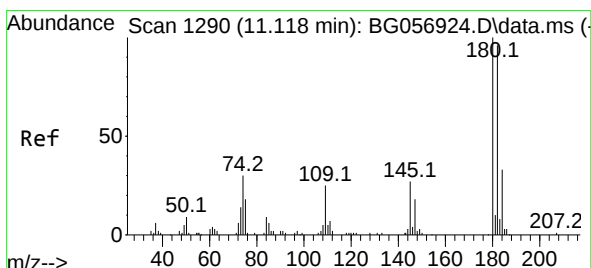
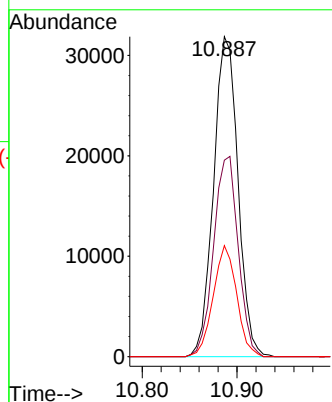
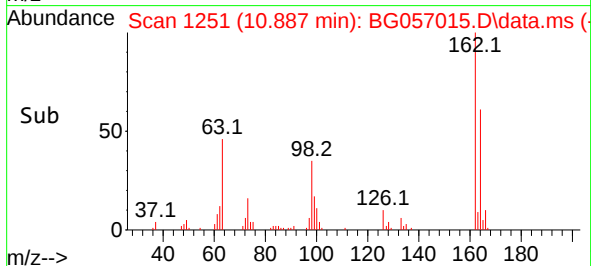


Tgt Ion:162 Resp: 57002
Ion Ratio Lower Upper
162 100
164 61.4 43.4 83.4
98 34.7 12.5 52.5

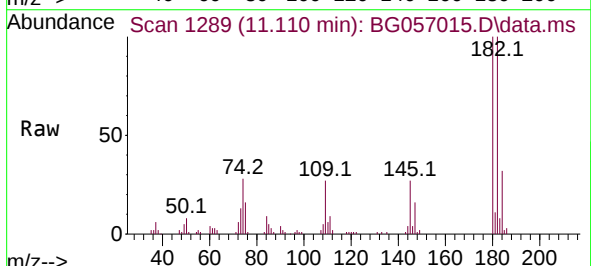
Manual Integrations

APPROVED

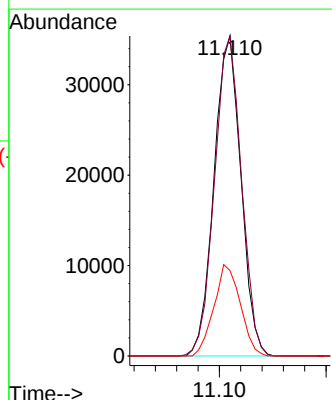
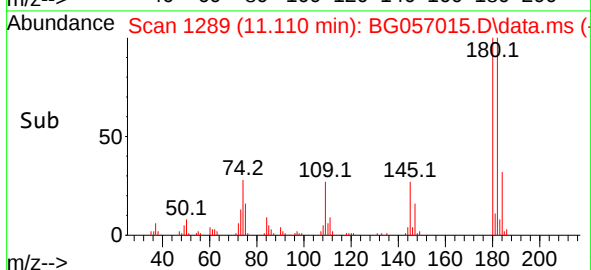
Reviewed By :Christian Giraldo 04/07/2023
Supervised By :Jagrut Upadhyay 04/07/2023

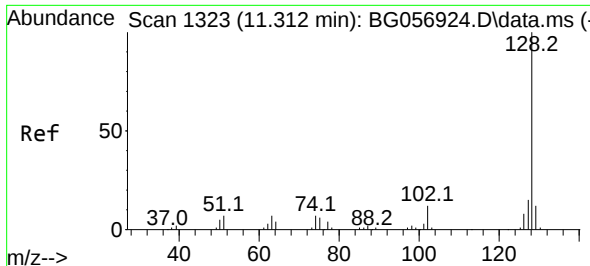


#30
1,2,4-Trichlorobenzene
Concen: 50.531 ng
RT: 11.110 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BG057015.D
Acq: 6 Apr 2023 16:54



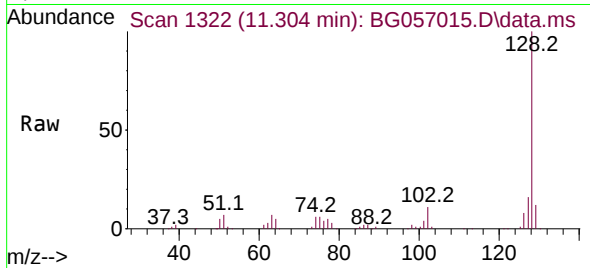
Tgt Ion:180 Resp: 61874
Ion Ratio Lower Upper
180 100
182 100.0 77.1 115.7
145 26.7 21.3 31.9





#31
Naphthalene
Concen: 48.120 ng
RT: 11.304 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BG057015.D
Acq: 6 Apr 2023 16:54

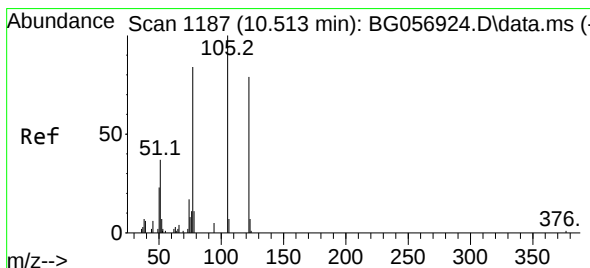
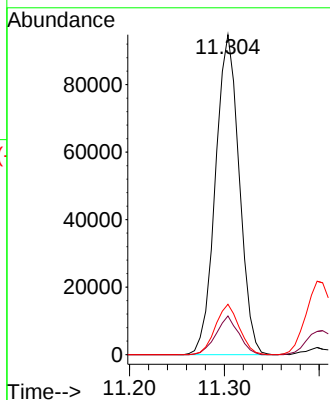
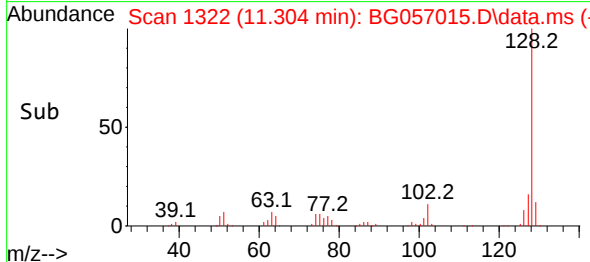
Instrument :
BNA_G
ClientSampleId :
72-11982MS



Tgt Ion:128 Resp: 165056
Ion Ratio Lower Upper
128 100
129 12.1 9.4 14.2
127 15.7 12.2 18.4

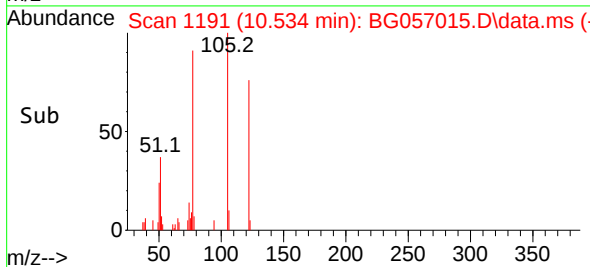
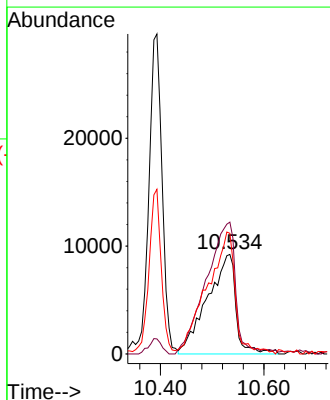
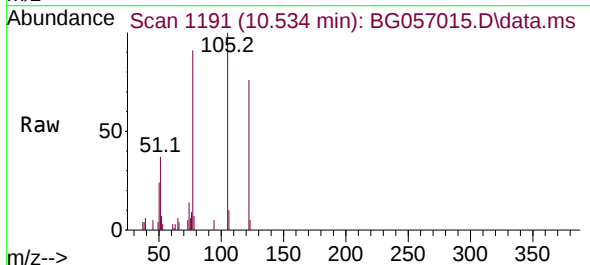
Manual Integrations
APPROVED

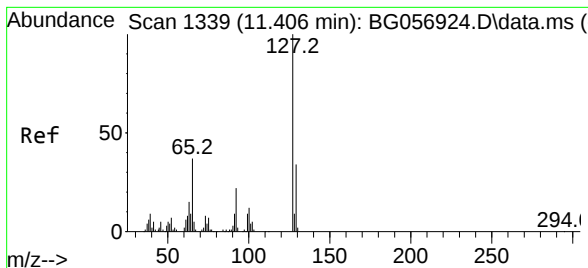
Reviewed By :Christian Giraldo 04/07/2023
Supervised By :Jagrut Upadhyay 04/07/2023



#32
Benzoic acid
Concen: 48.070 ng m
RT: 10.534 min Scan# 1191
Delta R.T. 0.006 min
Lab File: BG057015.D
Acq: 6 Apr 2023 16:54

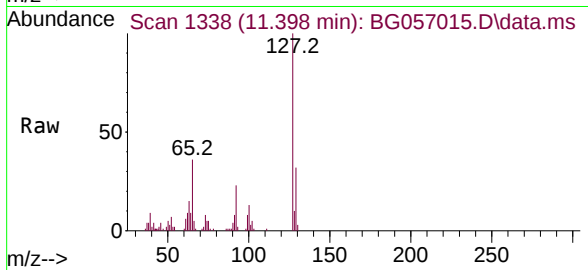
Tgt Ion:122 Resp: 35383
Ion Ratio Lower Upper
122 100
105 132.4 105.4 145.4
77 121.1 87.4 127.4





#33
4-Chloroaniline
Concen: 28.093 ng
RT: 11.398 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BG057015.D
Acq: 6 Apr 2023 16:54

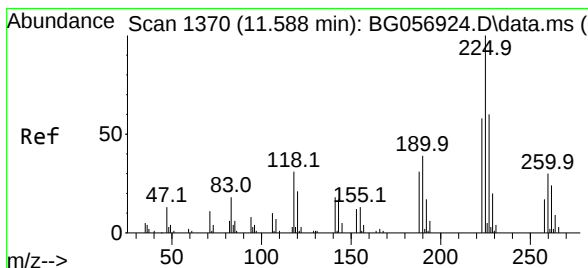
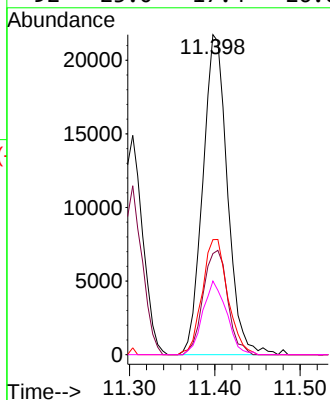
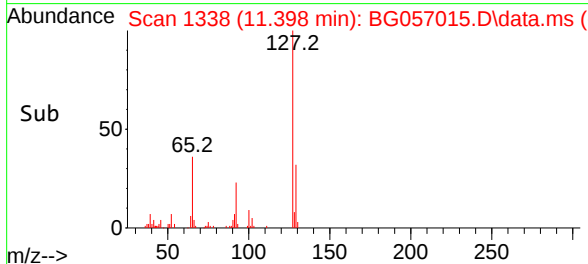
Instrument :
BNA_G
ClientSampleId :
72-11982MS



Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.6	27.6	41.4
65	35.9	29.8	44.8
92	23.0	17.4	26.0

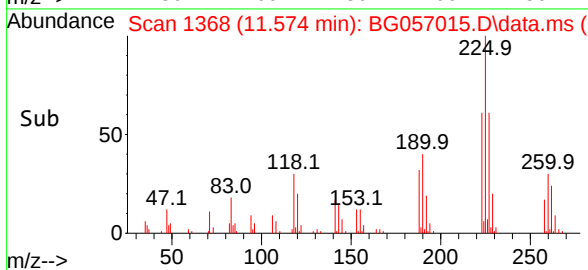
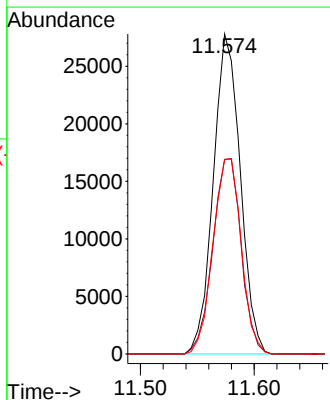
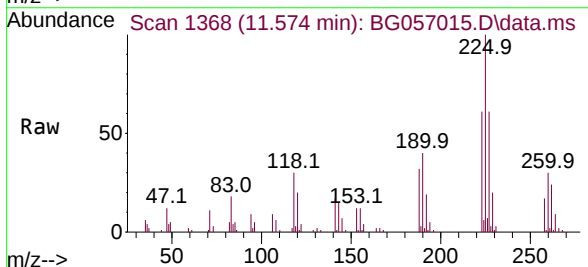
Manual Integrations
APPROVED

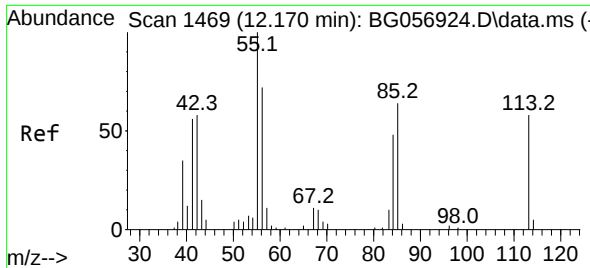
Reviewed By :Christian Giraldo 04/07/2023
Supervised By :Jagrut Upadhyay 04/07/2023



#34
Hexachlorobutadiene
Concen: 49.830 ng
RT: 11.574 min Scan# 1368
Delta R.T. -0.005 min
Lab File: BG057015.D
Acq: 6 Apr 2023 16:54

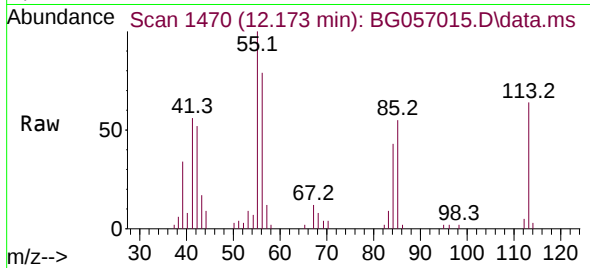
Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.8	46.4	69.6
227	60.8	48.0	72.0





#35
 Caprolactam
 Concen: 43.014 ng m
 RT: 12.173 min Scan# 1469
 Delta R.T. 0.000 min
 Lab File: BG057015.D
 Acq: 6 Apr 2023 16:54

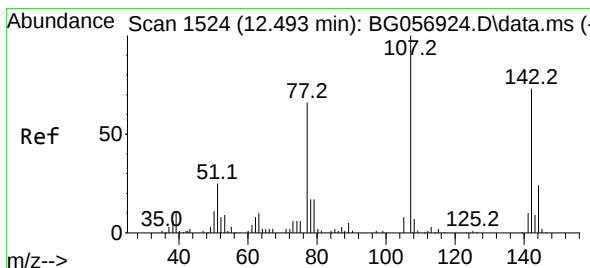
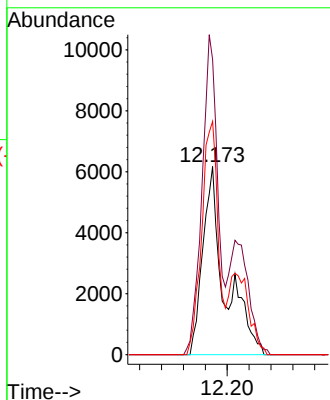
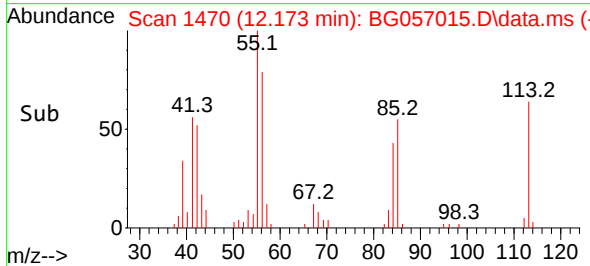
Instrument :
 BNA_G
 ClientSampleId :
 72-11982MS



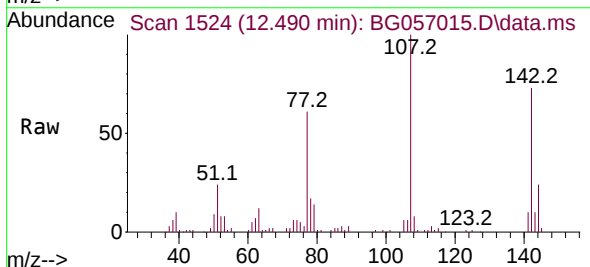
Tgt Ion:113 Resp: 17095
 Ion Ratio Lower Upper
 113 100
 55 156.9 151.6 191.6
 56 124.0 103.7 143.7

Manual Integrations
 APPROVED

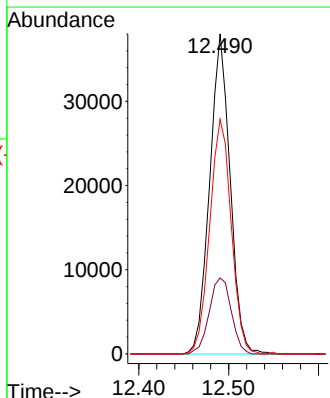
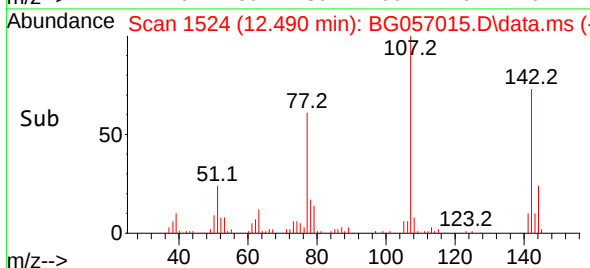
Reviewed By :Christian Giraldo 04/07/2023
 Supervised By :Jagrut Upadhyay 04/07/2023

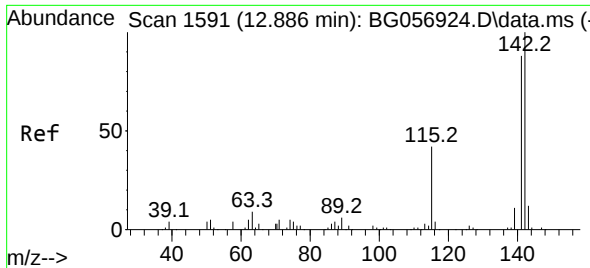


#36
 4-Chloro-3-methylphenol
 Concen: 46.742 ng
 RT: 12.490 min Scan# 1524
 Delta R.T. 0.000 min
 Lab File: BG057015.D
 Acq: 6 Apr 2023 16:54



Tgt Ion:107 Resp: 60241
 Ion Ratio Lower Upper
 107 100
 144 23.7 19.0 28.4
 142 73.3 58.6 88.0





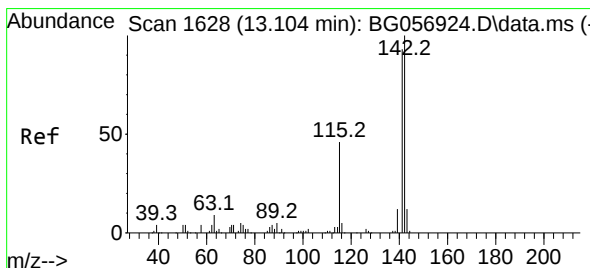
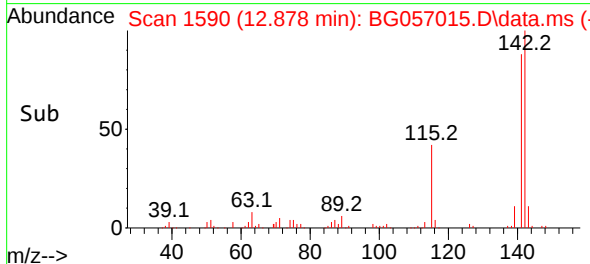
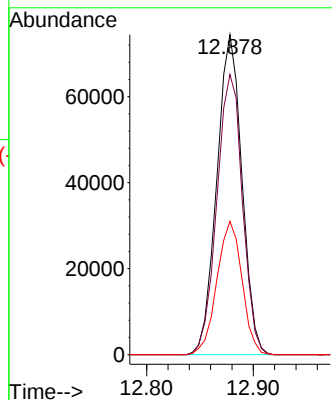
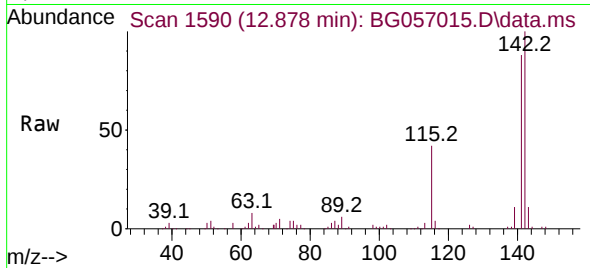
#37
2-Methylnaphthalene
Concen: 44.712 ng
RT: 12.878 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BG057015.D
Acq: 6 Apr 2023 16:54

Instrument :
BNA_G
ClientSampleId :
72-11982MS

Tgt Ion:142 Resp: 121719
Ion Ratio Lower Upper
142 100
141 87.5 70.3 105.5
115 41.6 33.5 50.3

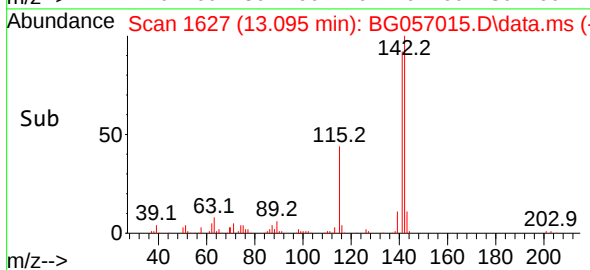
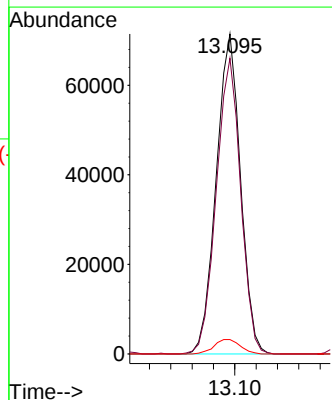
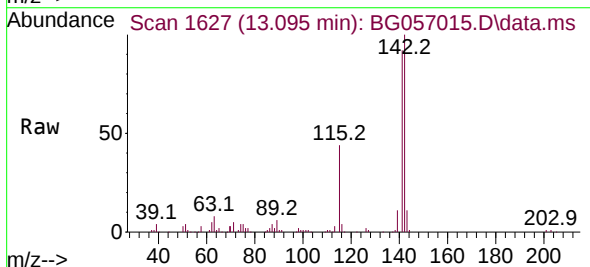
Manual Integrations
APPROVED

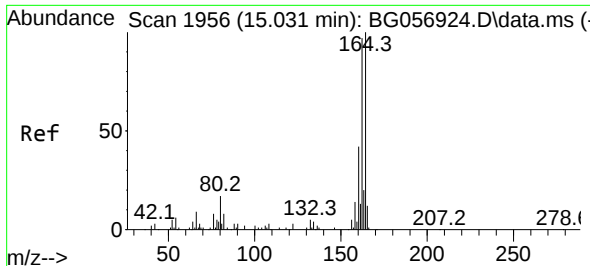
Reviewed By :Christian Giraldo 04/07/2023
Supervised By :Jagrut Upadhyay 04/07/2023



#38
1-Methylnaphthalene
Concen: 44.287 ng
RT: 13.095 min Scan# 1627
Delta R.T. 0.000 min
Lab File: BG057015.D
Acq: 6 Apr 2023 16:54

Tgt Ion:142 Resp: 113209
Ion Ratio Lower Upper
142 100
141 92.4 74.0 111.0
116 4.5 3.7 5.5





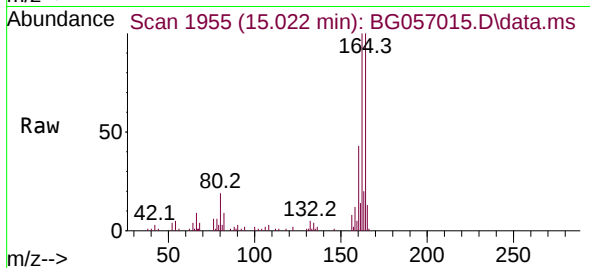
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.022 min Scan# 1955
Delta R.T. -0.005 min
Lab File: BG057015.D
Acq: 6 Apr 2023 16:54

Instrument :

BNA_G

ClientSampleId :

72-11982MS

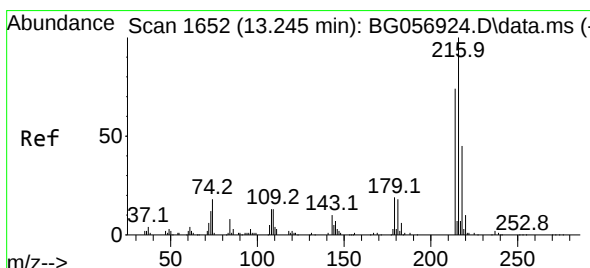
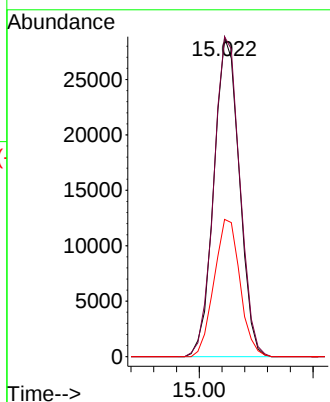
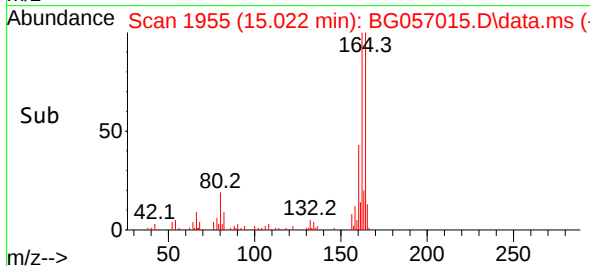


Tgt Ion:164 Resp: 44734
Ion Ratio Lower Upper
164 100
162 100.2 77.8 116.8
160 43.0 33.5 50.3

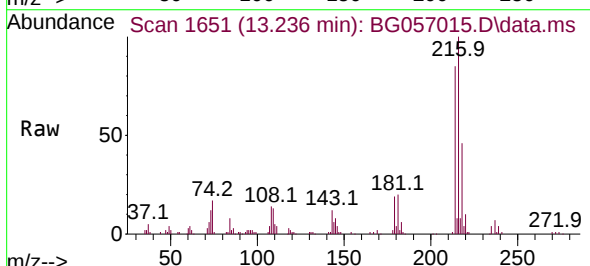
Manual Integrations

APPROVED

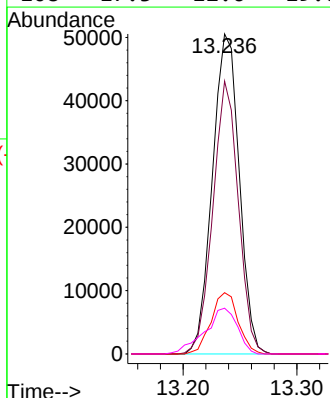
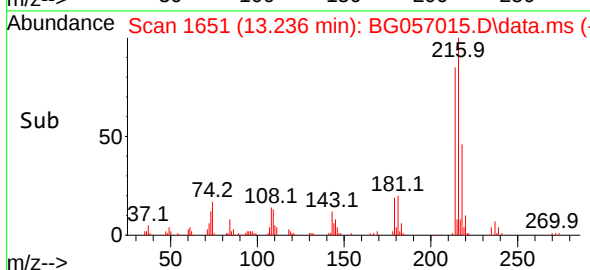
Reviewed By :Christian Giraldo 04/07/2023
Supervised By :Jagrut Upadhyay 04/07/2023

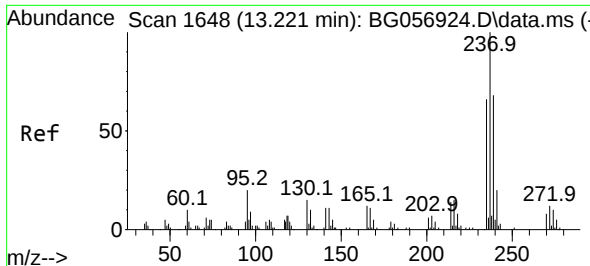


#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.407 ng
RT: 13.236 min Scan# 1651
Delta R.T. 0.000 min
Lab File: BG057015.D
Acq: 6 Apr 2023 16:54



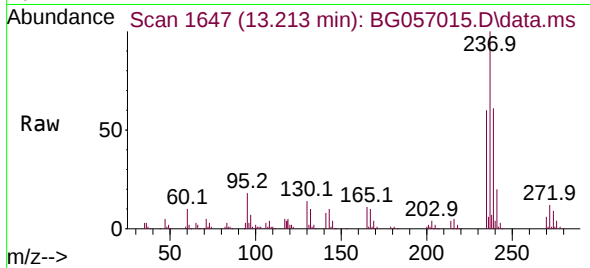
Tgt Ion:216 Resp: 82847
Ion Ratio Lower Upper
216 100
214 80.6 63.3 94.9
179 19.3 15.0 22.6
108 17.3 12.6 19.0





#41
Hexachlorocyclopentadiene
Concen: 115.994 ng
RT: 13.213 min Scan# 1648
Delta R.T. 0.000 min
Lab File: BG057015.D
Acq: 6 Apr 2023 16:54

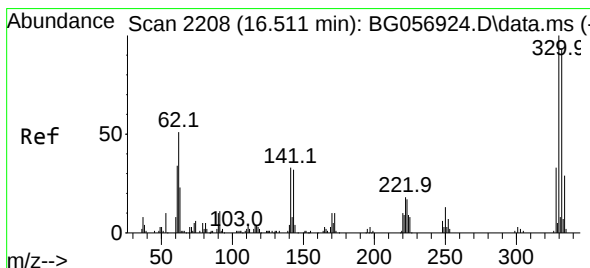
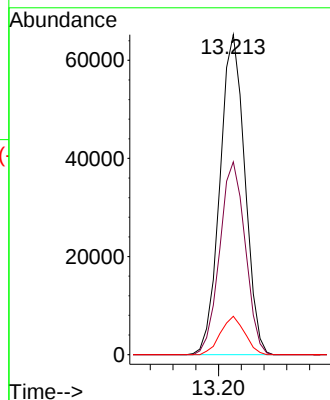
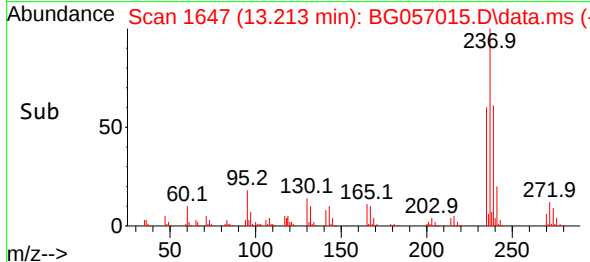
Instrument :
BNA_G
ClientSampleId :
72-11982MS



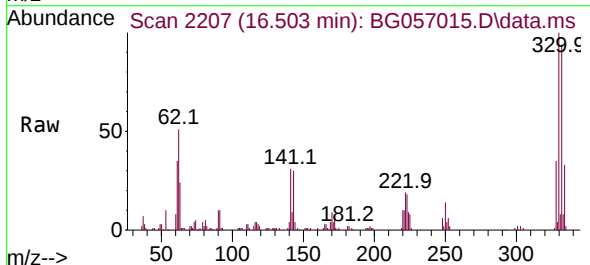
Tgt Ion: 237 Resp: 99140
Ion Ratio Lower Upper
237 100
235 60.2 45.9 85.9
272 12.0 0.0 32.3

Manual Integrations
APPROVED

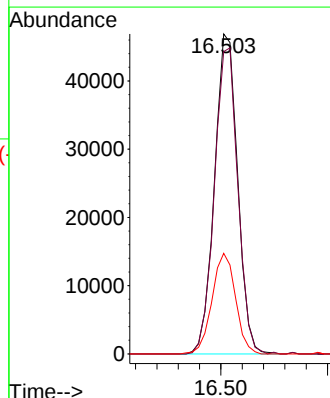
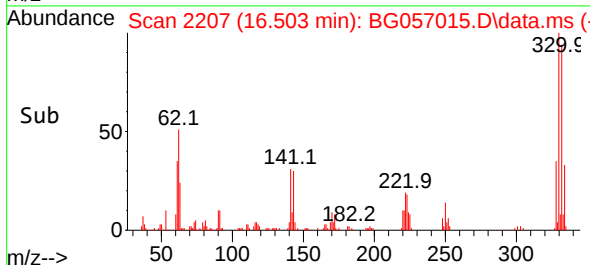
Reviewed By : Christian Giraldo 04/07/2023
Supervised By : Jagrut Upadhyay 04/07/2023

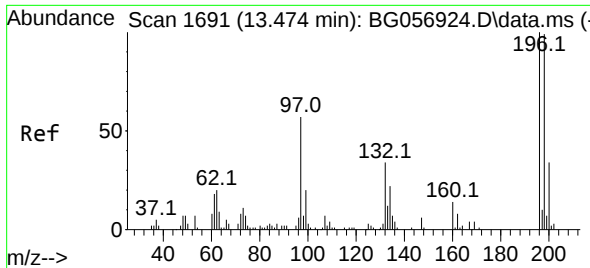


#42
2,4,6-Tribromophenol
Concen: 98.840 ng
RT: 16.503 min Scan# 2207
Delta R.T. -0.005 min
Lab File: BG057015.D
Acq: 6 Apr 2023 16:54



Tgt Ion: 330 Resp: 70635
Ion Ratio Lower Upper
330 100
332 97.0 76.1 114.1
141 31.9 25.8 38.6





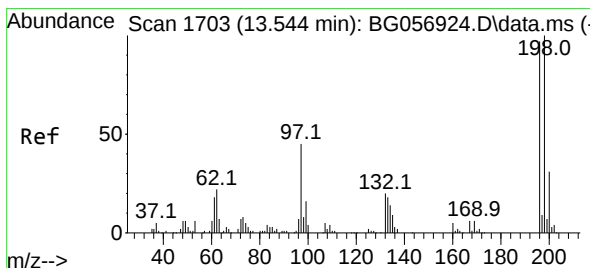
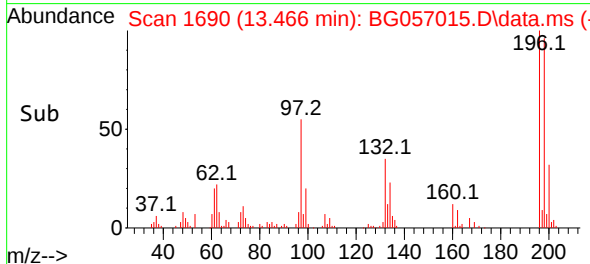
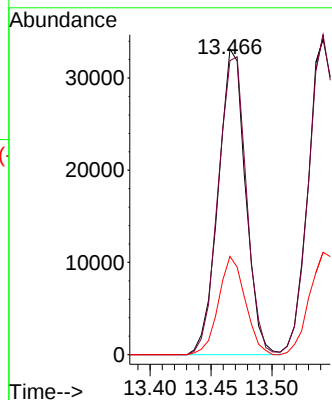
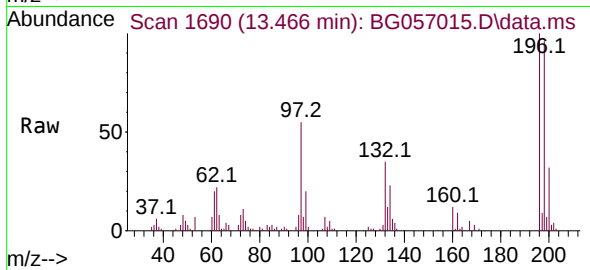
#43
2,4,6-Trichlorophenol
Concen: 52.122 ng
RT: 13.466 min Scan# 1691
Delta R.T. 0.000 min
Lab File: BG057015.D
Acq: 6 Apr 2023 16:54

Instrument :
BNA_G
ClientSampleId :
72-11982MS

Tgt Ion:196 Resp: 51596
Ion Ratio Lower Upper
196 100
198 96.2 79.1 118.7
200 32.1 27.2 40.8

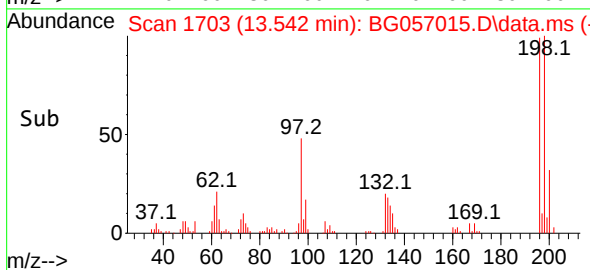
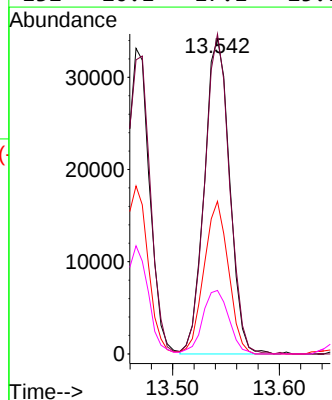
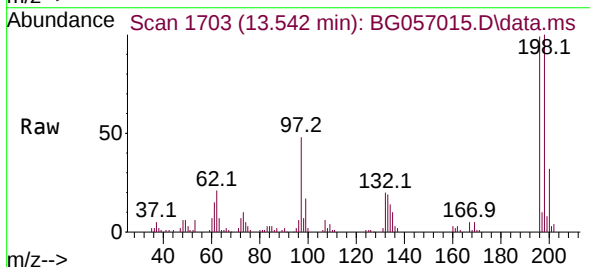
Manual Integrations
APPROVED

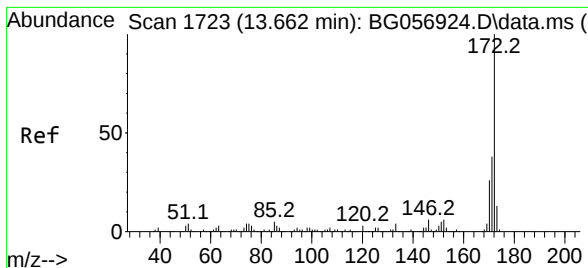
Reviewed By :Christian Giraldo 04/07/2023
Supervised By :Jagrut Upadhyay 04/07/2023



#44
2,4,5-Trichlorophenol
Concen: 48.011 ng
RT: 13.542 min Scan# 1703
Delta R.T. 0.000 min
Lab File: BG057015.D
Acq: 6 Apr 2023 16:54

Tgt Ion:196 Resp: 56303
Ion Ratio Lower Upper
196 100
198 101.4 82.5 123.7
97 48.4 37.0 55.6
132 20.1 17.1 25.7





#45

2-Fluorobiphenyl

Concen: 65.291 ng

RT: 13.648 min Scan# 1721

Delta R.T. -0.005 min

Lab File: BG057015.D

Acq: 6 Apr 2023 16:54

Instrument :

BNA_G

ClientSampleId :

72-11982MS

Tgt Ion:172 Resp: 215392

Ion Ratio Lower Upper

172 100

171 41.3 30.6 46.0

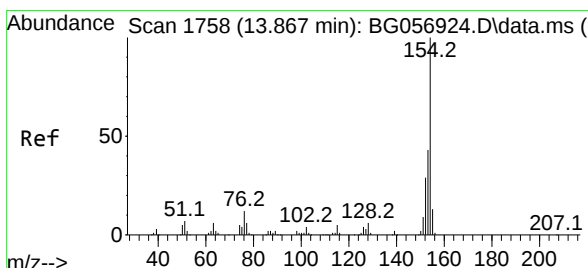
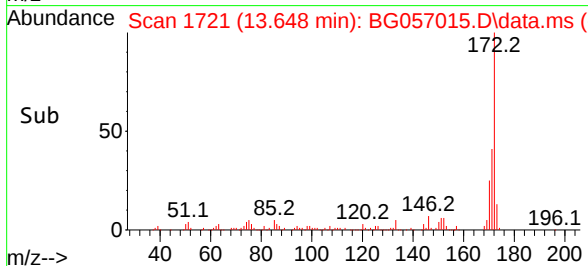
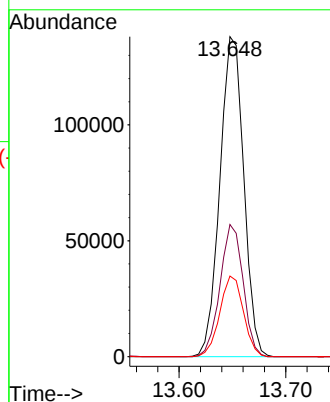
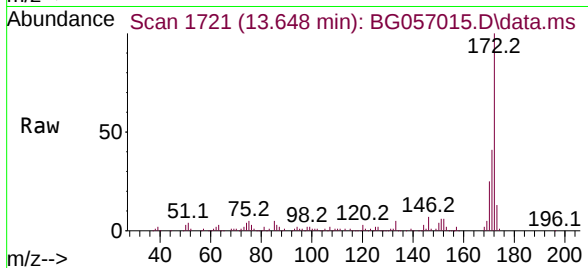
170 25.2 20.6 30.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/07/2023

Supervised By :Jagrut Upadhyay 04/07/2023



#46

1,1'-Biphenyl

Concen: 52.216 ng

RT: 13.859 min Scan# 1757

Delta R.T. -0.005 min

Lab File: BG057015.D

Acq: 6 Apr 2023 16:54

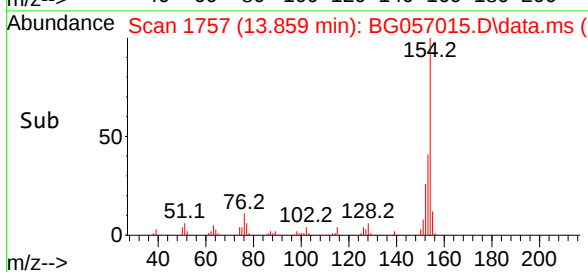
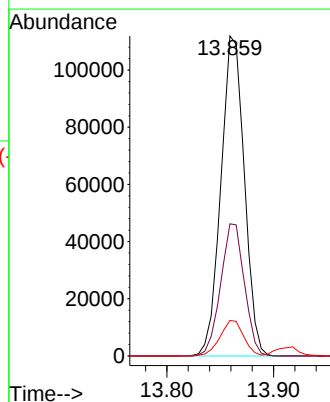
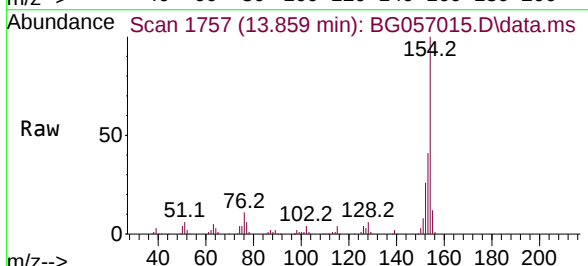
Tgt Ion:154 Resp: 170989

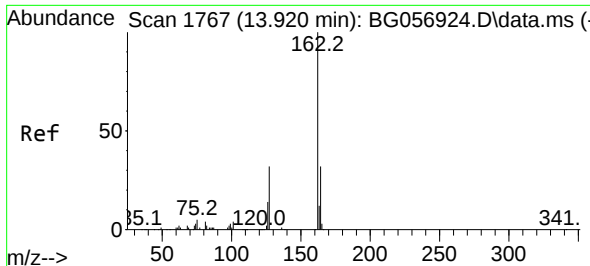
Ion Ratio Lower Upper

154 100

153 41.3 23.4 63.4

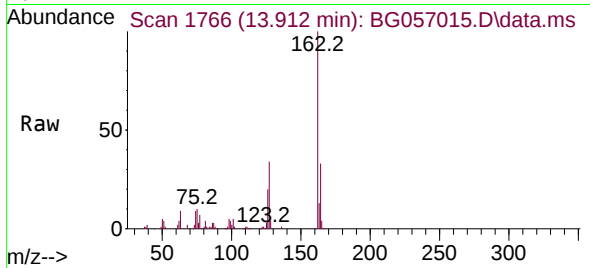
76 11.1 0.0 31.6





#47
2-Chloronaphthalene
Concen: 52.999 ng
RT: 13.912 min Scan# 1766
Delta R.T. 0.000 min
Lab File: BG057015.D
Acq: 6 Apr 2023 16:54

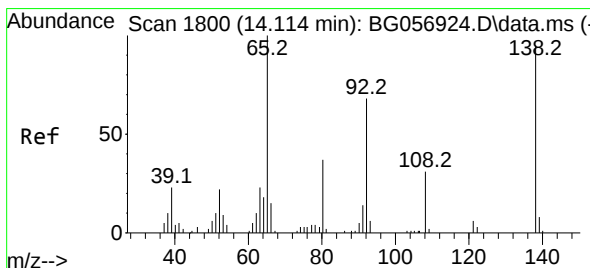
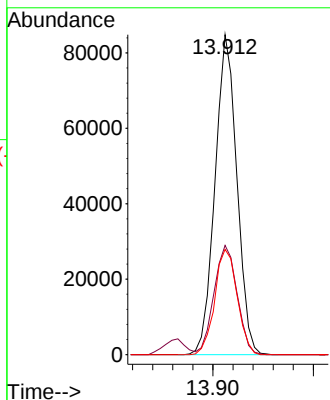
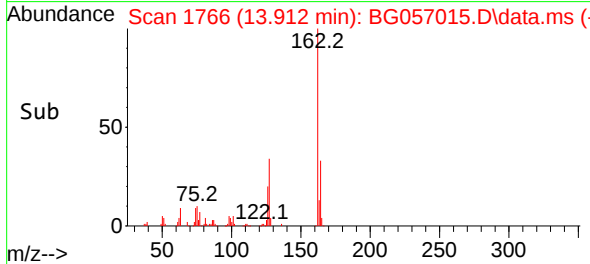
Instrument :
BNA_G
ClientSampleId :
72-11982MS



Tgt Ion:162 Resp: 128360
Ion Ratio Lower Upper
162 100
127 34.1 29.5 44.3
164 32.9 25.5 38.3

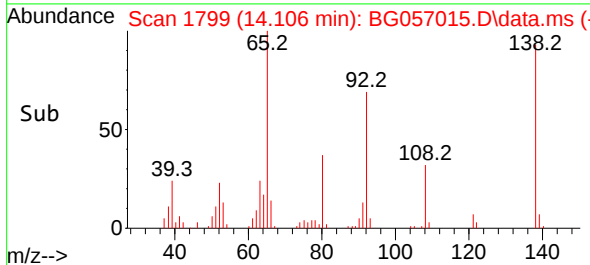
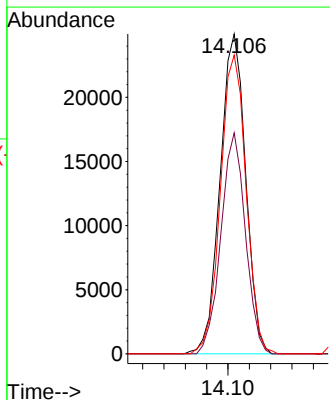
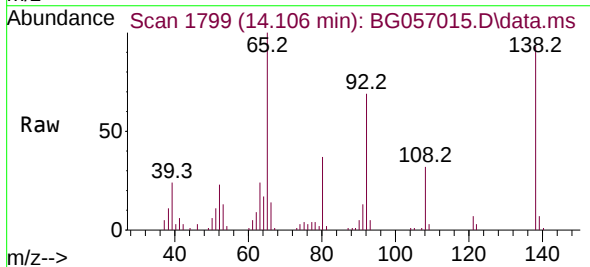
Manual Integrations
APPROVED

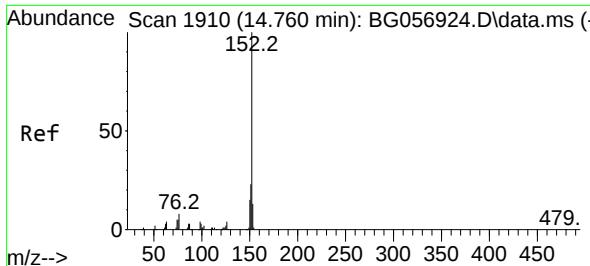
Reviewed By :Christian Giraldo 04/07/2023
Supervised By :Jagrut Upadhyay 04/07/2023



#48
2-Nitroaniline
Concen: 47.932 ng
RT: 14.106 min Scan# 1799
Delta R.T. 0.000 min
Lab File: BG057015.D
Acq: 6 Apr 2023 16:54

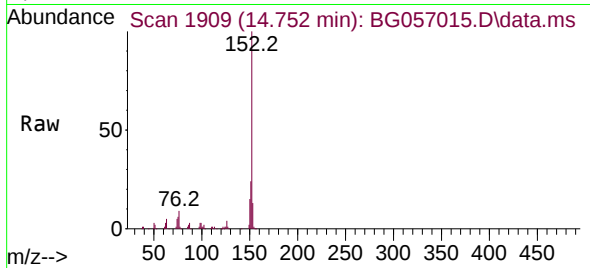
Tgt Ion: 65 Resp: 41510
Ion Ratio Lower Upper
65 100
92 69.1 54.3 81.5
138 93.4 76.0 114.0





#49
Acenaphthylene
Concen: 50.619 ng
RT: 14.752 min Scan# 1910
Delta R.T. 0.000 min
Lab File: BG057015.D
Acq: 6 Apr 2023 16:54

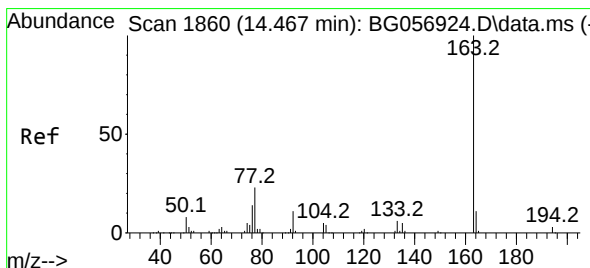
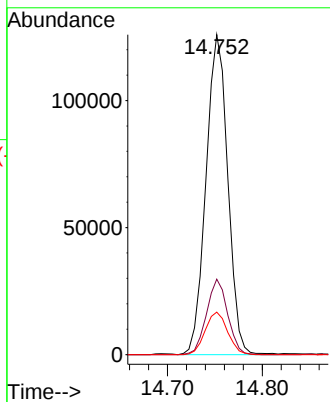
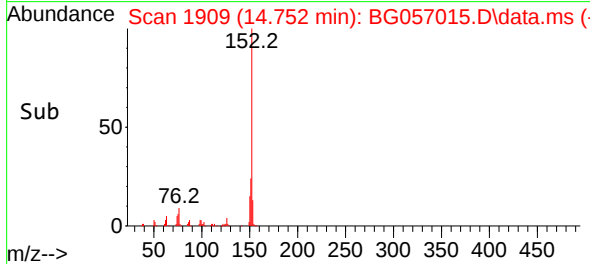
Instrument :
BNA_G
ClientSampleId :
72-11982MS



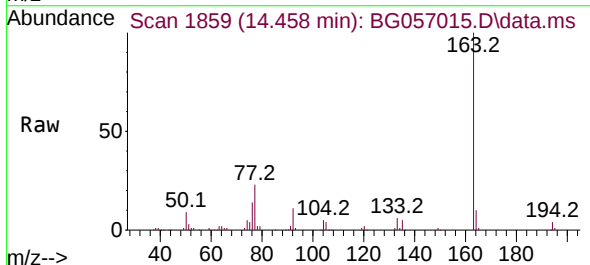
Tgt Ion:152 Resp: 201427
Ion Ratio Lower Upper
152 100
151 23.6 18.2 27.2
153 13.3 10.5 15.7

Manual Integrations
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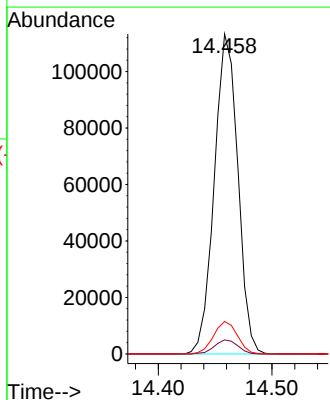
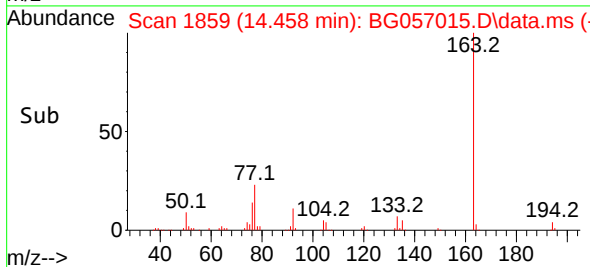
Reviewed By :Christian Giraldo 04/07/2023
Supervised By :Jagrut Upadhyay 04/07/2023

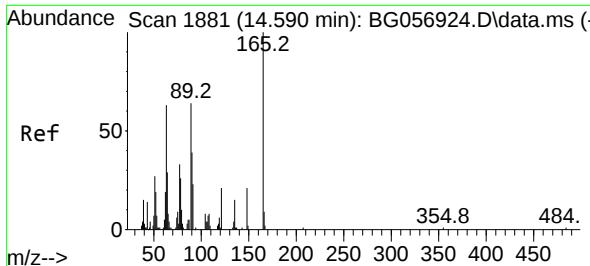


#50
Dimethylphthalate
Concen: 46.212 ng
RT: 14.458 min Scan# 1859
Delta R.T. 0.000 min
Lab File: BG057015.D
Acq: 6 Apr 2023 16:54



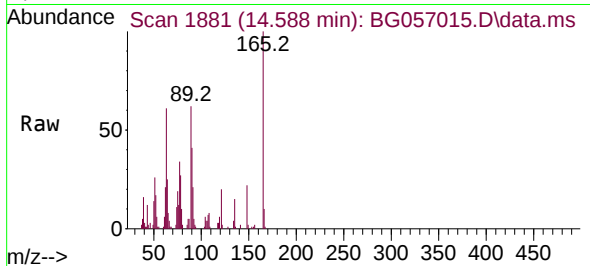
Tgt Ion:163 Resp: 162883
Ion Ratio Lower Upper
163 100
194 4.4 2.8 4.2#
164 10.1 8.8 13.2





#51
2,6-Dinitrotoluene
Concen: 47.550 ng
RT: 14.588 min Scan# 1881
Delta R.T. 0.000 min
Lab File: BG057015.D
Acq: 6 Apr 2023 16:54

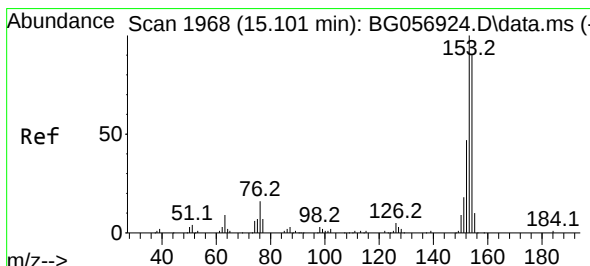
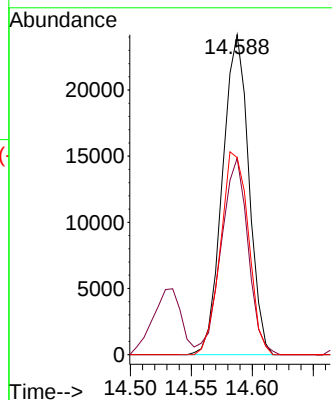
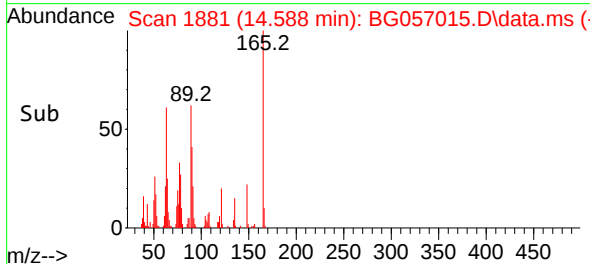
Instrument :
BNA_G
ClientSampleId :
72-11982MS



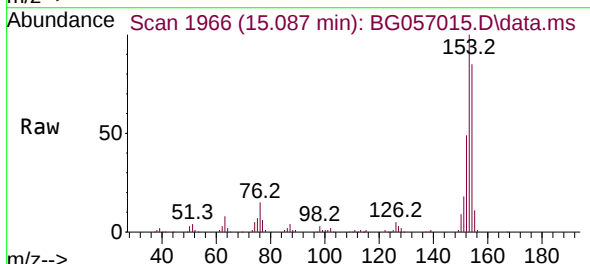
Tgt Ion:165 Resp: 36212
Ion Ratio Lower Upper
165 100
63 61.4 53.0 79.6
89 61.6 51.0 76.4

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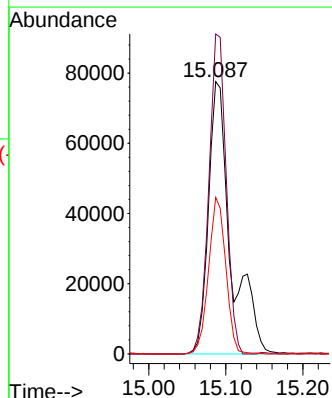
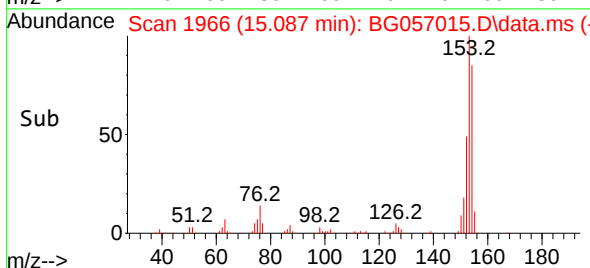
Reviewed By :Christian Giraldo 04/07/2023
Supervised By :Jagrut Upadhyay 04/07/2023

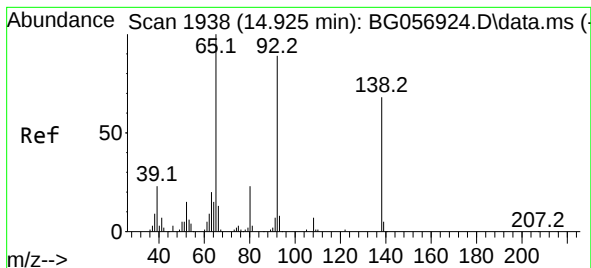


#52
Acenaphthene
Concen: 57.374 ng m
RT: 15.087 min Scan# 1966
Delta R.T. -0.005 min
Lab File: BG057015.D
Acq: 6 Apr 2023 16:54



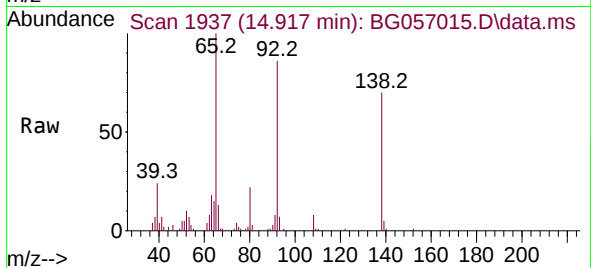
Tgt Ion:154 Resp: 157458
Ion Ratio Lower Upper
154 100
153 117.5 88.9 133.3
152 57.5 41.8 62.8





#53
3-Nitroaniline
Concen: 37.751 ng
RT: 14.917 min Scan# 1937
Delta R.T. -0.005 min
Lab File: BG057015.D
Acq: 6 Apr 2023 16:54

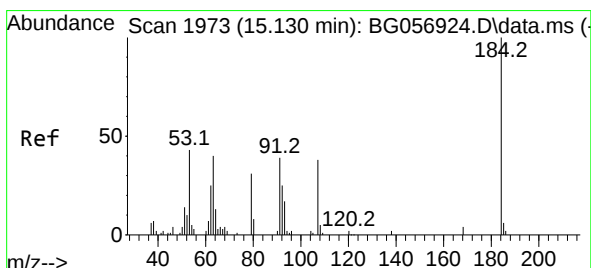
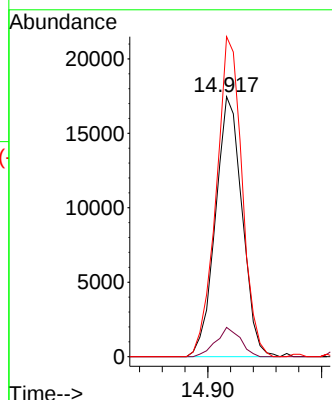
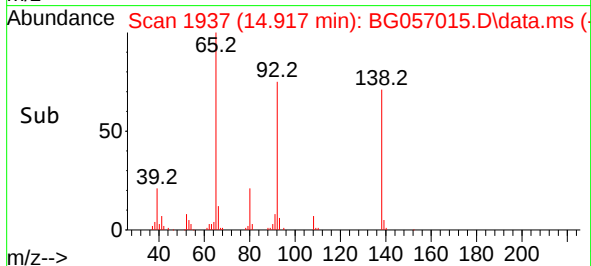
Instrument :
BNA_G
ClientSampleId :
72-11982MS



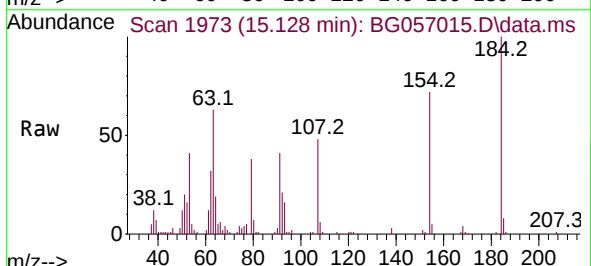
Tgt Ion:138 Resp: 2845
Ion Ratio Lower Upper
138 100
108 11.3 8.2 12.2
92 123.1 105.2 157.8

Manual Integrations
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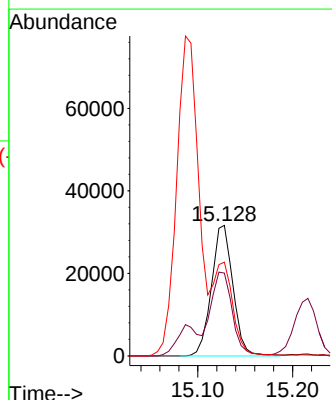
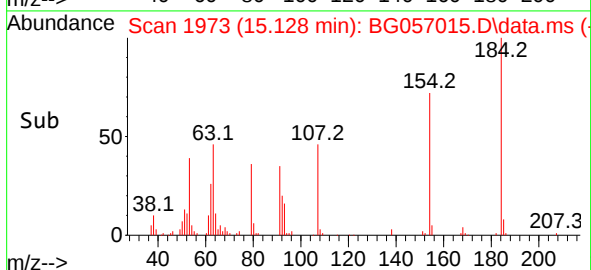
Reviewed By :Christian Giraldo 04/07/2023
Supervised By :Jagrut Upadhyay 04/07/2023

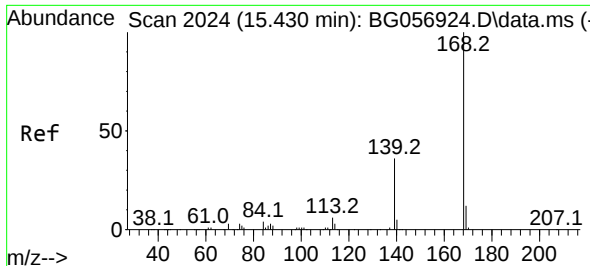


#54
2,4-Dinitrophenol
Concen: 116.452 ng
RT: 15.128 min Scan# 1973
Delta R.T. 0.000 min
Lab File: BG057015.D
Acq: 6 Apr 2023 16:54



Tgt Ion:184 Resp: 49917
Ion Ratio Lower Upper
184 100
63 63.5 46.5 69.7
154 71.8 53.5 80.3





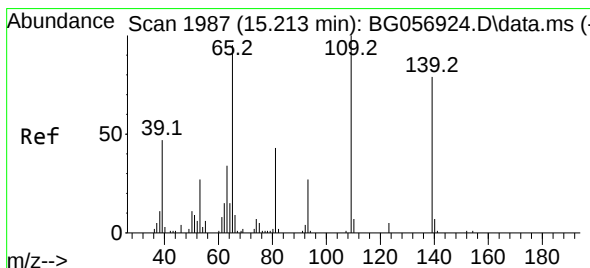
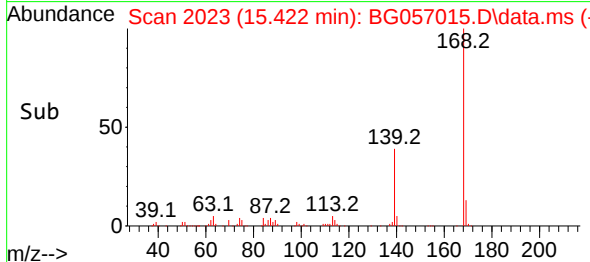
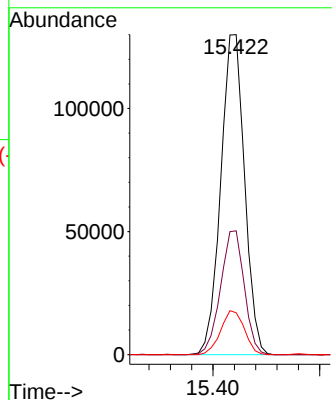
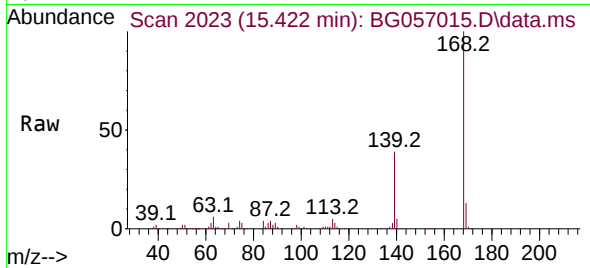
#55
Dibenzenofuran
Concen: 48.991 ng
RT: 15.422 min Scan# 20179
Delta R.T. 0.000 min
Lab File: BG057015.D
Acq: 6 Apr 2023 16:54

Instrument :
BNA_G
ClientSampleId :
72-11982MS

Tgt Ion:168 Resp: 20179
Ion Ratio Lower Upper
168 100
139 38.7 28.9 43.3
169 13.1 9.8 14.6

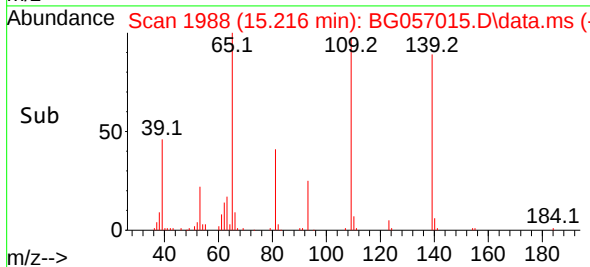
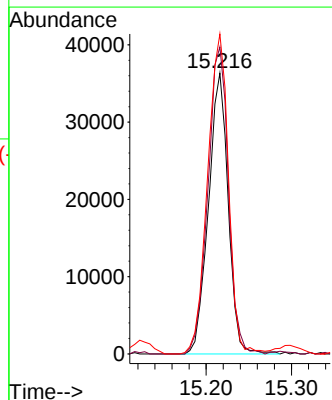
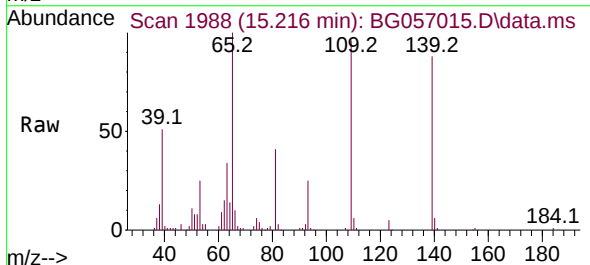
Manual Integrations
APPROVED

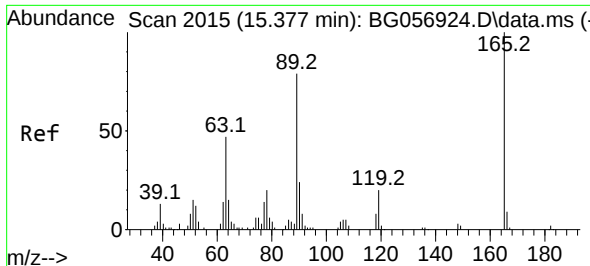
Reviewed By :Christian Giraldo 04/07/2023
Supervised By :Jagrut Upadhyay 04/07/2023



#56
4-Nitrophenol
Concen: 104.615 ng
RT: 15.216 min Scan# 1988
Delta R.T. 0.006 min
Lab File: BG057015.D
Acq: 6 Apr 2023 16:54

Tgt Ion:139 Resp: 58313
Ion Ratio Lower Upper
139 100
109 109.4 106.7 146.7
65 114.0 100.5 140.5





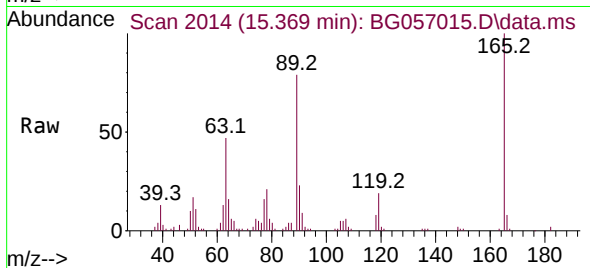
#57
2,4-Dinitrotoluene
Concen: 48.612 ng
RT: 15.369 min Scan# 2014
Delta R.T. -0.005 min
Lab File: BG057015.D
Acq: 6 Apr 2023 16:54

Instrument :

BNA_G

ClientSampleId :

72-11982MS

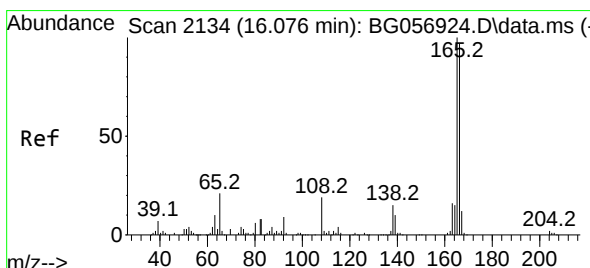
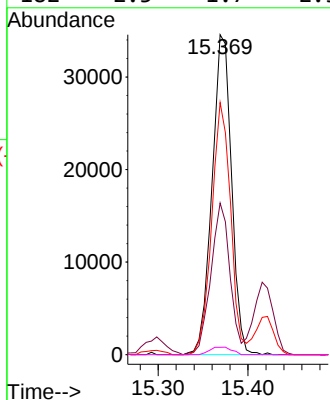
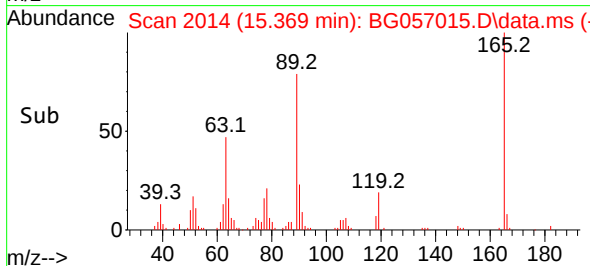


Tgt Ion:165 Resp: 52213
Ion Ratio Lower Upper
165 100
63 47.4 37.7 56.5
89 78.8 63.2 94.8
182 2.3 1.7 2.5

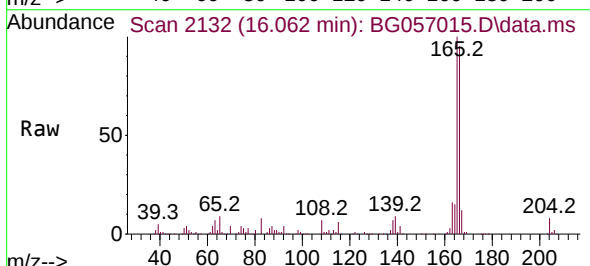
Manual Integrations

APPROVED

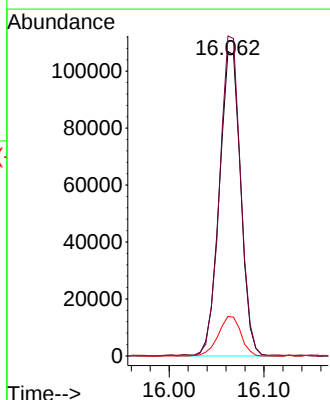
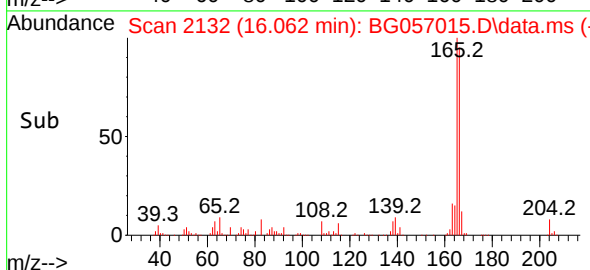
Reviewed By :Christian Giraldo 04/07/2023
Supervised By :Jagrut Upadhyay 04/07/2023

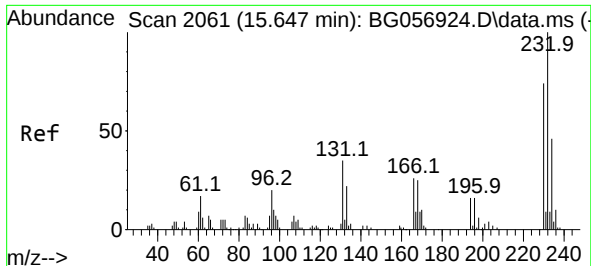


#58
Fluorene
Concen: 49.021 ng
RT: 16.062 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BG057015.D
Acq: 6 Apr 2023 16:54



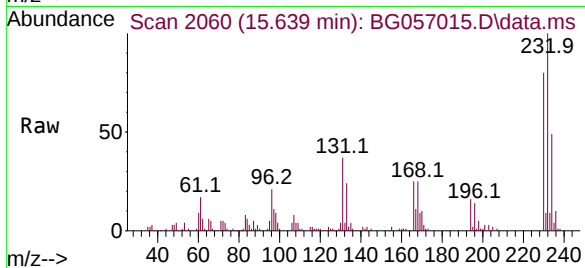
Tgt Ion:166 Resp: 167087
Ion Ratio Lower Upper
166 100
165 105.1 82.6 123.8
167 13.0 10.2 15.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.568 ng
RT: 15.639 min Scan# 2060
Delta R.T. 0.000 min
Lab File: BG057015.D
Acq: 6 Apr 2023 16:54

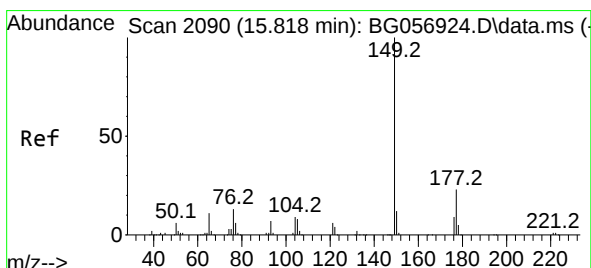
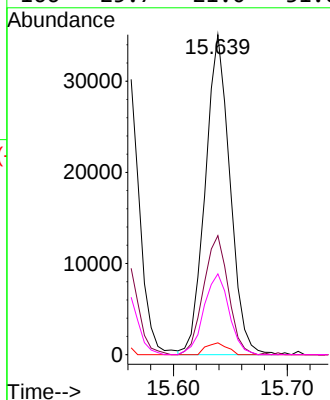
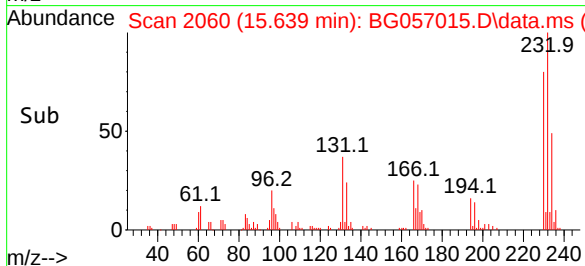
Instrument :
BNA_G
ClientSampleId :
72-11982MS



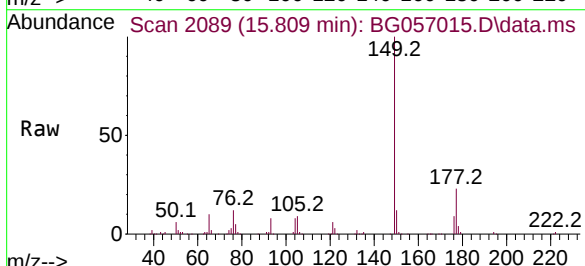
Tgt Ion:232 Resp: 52926
Ion Ratio Lower Upper
232 100
131 37.2 29.3 43.9
130 3.1 1.7 2.5
166 25.7 21.0 31.6

Manual Integrations
APPROVED

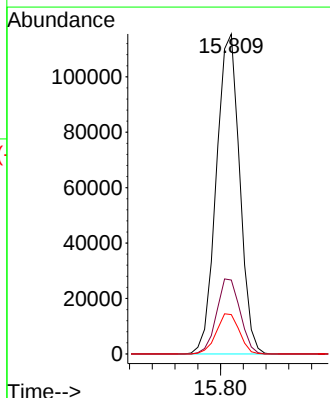
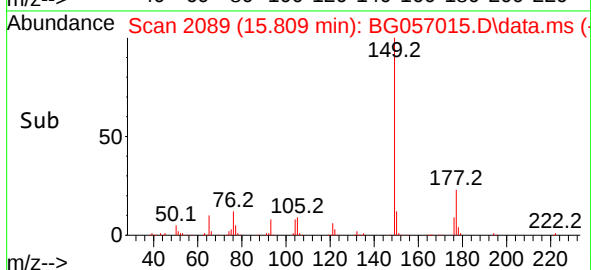
Reviewed By :Christian Giraldo 04/07/2023
Supervised By :Jagrut Upadhyay 04/07/2023

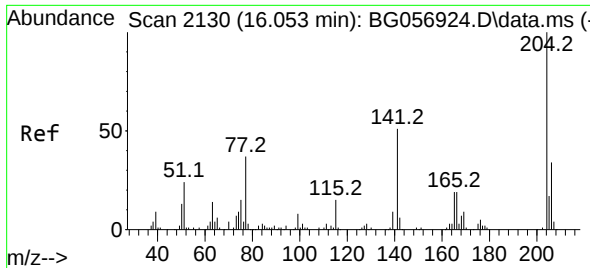


#60
Diethylphthalate
Concen: 46.460 ng
RT: 15.809 min Scan# 2089
Delta R.T. 0.006 min
Lab File: BG057015.D
Acq: 6 Apr 2023 16:54



Tgt Ion:149 Resp: 164167
Ion Ratio Lower Upper
149 100
177 23.1 18.8 28.2
150 12.3 9.4 14.2





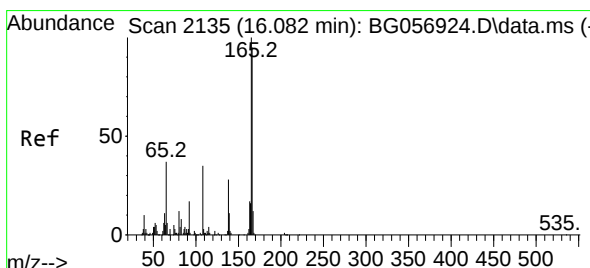
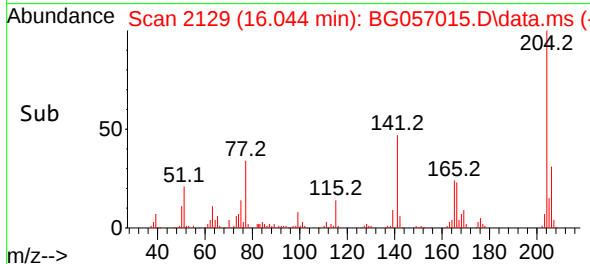
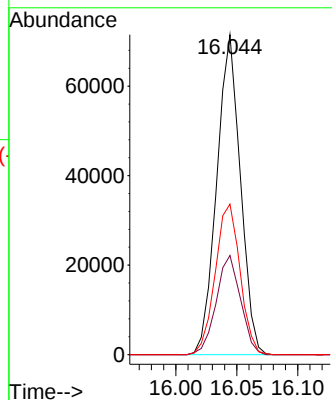
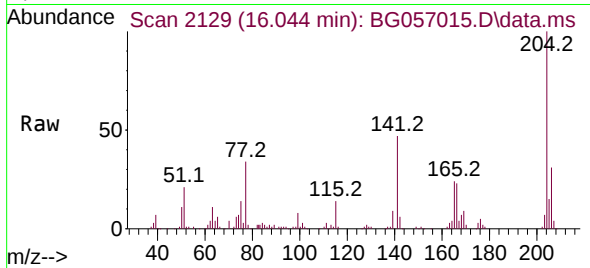
#61
4-Chlorophenyl-phenylether
Concen: 48.146 ng
RT: 16.044 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BG057015.D
Acq: 6 Apr 2023 16:54

Instrument :
BNA_G
ClientSampleId :
72-11982MS

Tgt Ion:204 Resp: 96349
Ion Ratio Lower Upper
204 100
206 31.0 27.2 40.8
141 47.0 40.7 61.1

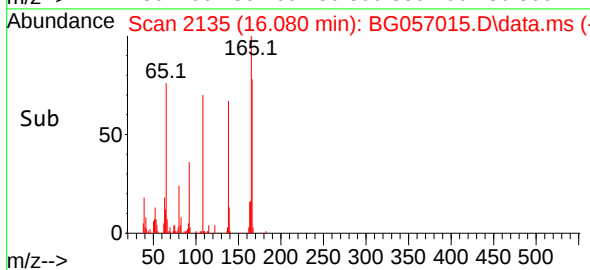
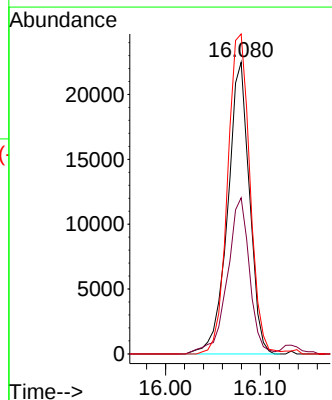
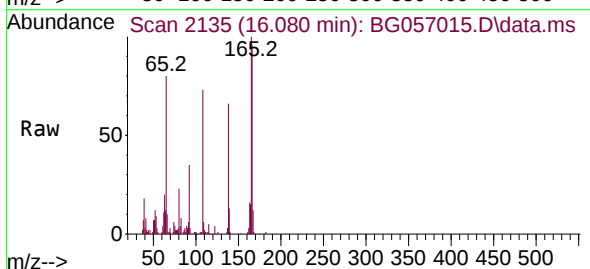
Manual Integrations
APPROVED

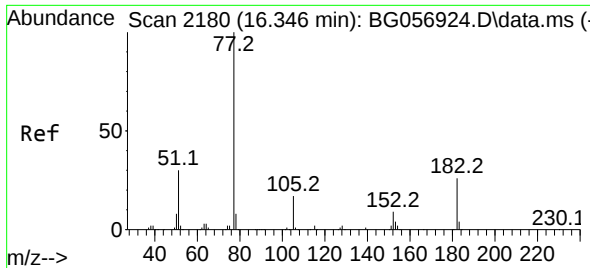
Reviewed By :Christian Giraldo 04/07/2023
Supervised By :Jagrut Upadhyay 04/07/2023



#62
4-Nitroaniline
Concen: 45.849 ng
RT: 16.080 min Scan# 2135
Delta R.T. 0.000 min
Lab File: BG057015.D
Acq: 6 Apr 2023 16:54

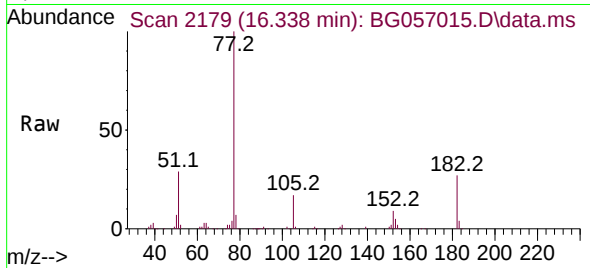
Tgt Ion:138 Resp: 35808
Ion Ratio Lower Upper
138 100
92 53.5 40.9 80.9
108 109.8 104.3 144.3





#63
Azobenzene
Concen: 47.196 ng
RT: 16.338 min Scan# 2180
Delta R.T. 0.000 min
Lab File: BG057015.D
Acq: 6 Apr 2023 16:54

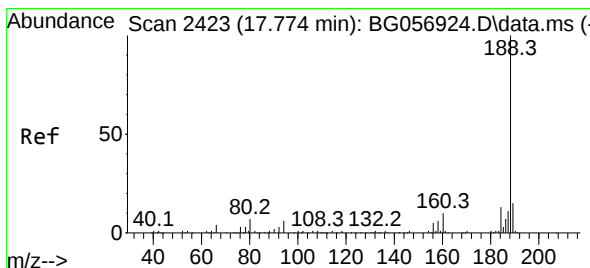
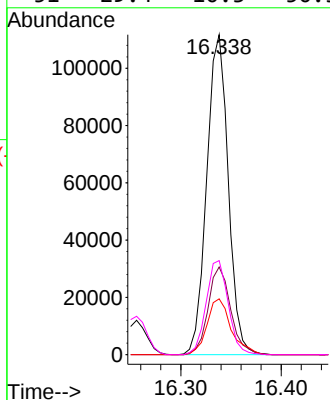
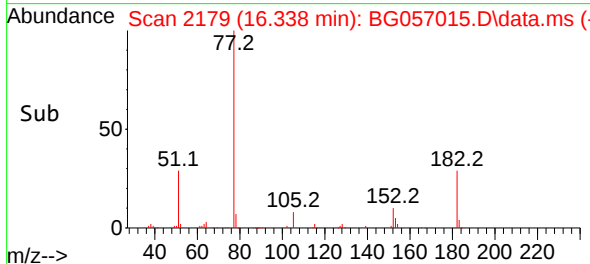
Instrument :
BNA_G
ClientSampleId :
72-11982MS



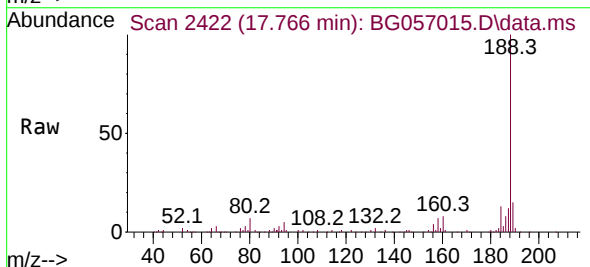
Tgt Ion: 77 Resp: 166200
Ion Ratio Lower Upper
77 100
182 27.4 5.9 45.9
105 17.4 0.0 36.8
51 29.4 10.3 50.3

Manual Integrations
APPROVED

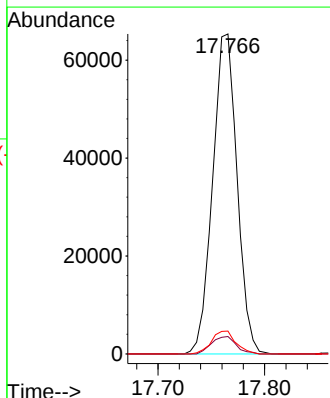
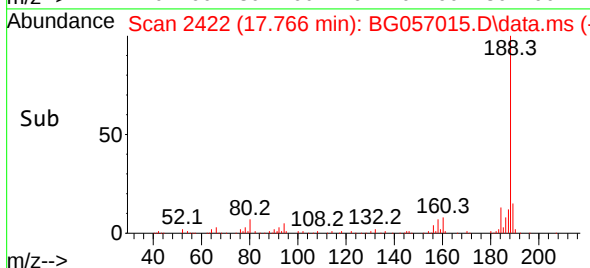
Reviewed By :Christian Giraldo 04/07/2023
Supervised By :Jagrut Upadhyay 04/07/2023

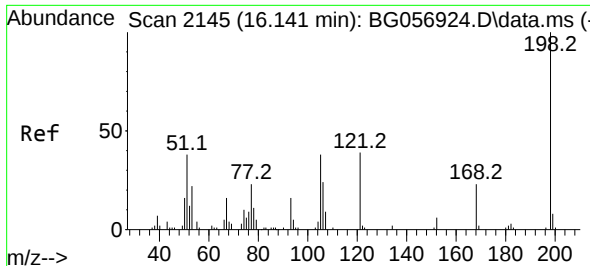


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.766 min Scan# 2422
Delta R.T. 0.000 min
Lab File: BG057015.D
Acq: 6 Apr 2023 16:54



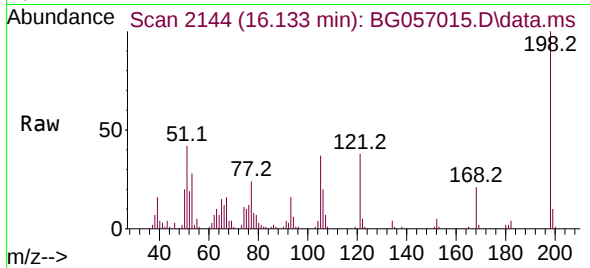
Tgt Ion:188 Resp: 104155
Ion Ratio Lower Upper
188 100
94 5.4 4.6 6.8
80 7.1 5.5 8.3





#65
4,6-Dinitro-2-methylphenol
Concen: 56.483 ng
RT: 16.133 min Scan# 2144
Delta R.T. 0.000 min
Lab File: BG057015.D
Acq: 6 Apr 2023 16:54

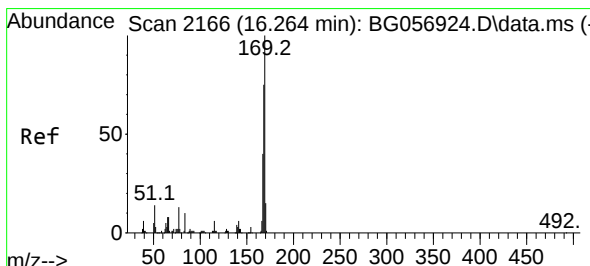
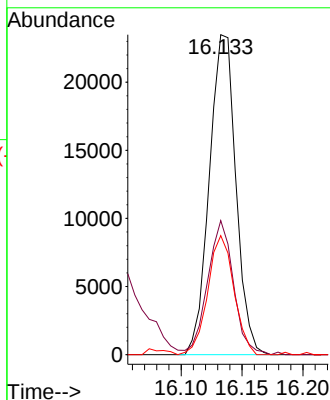
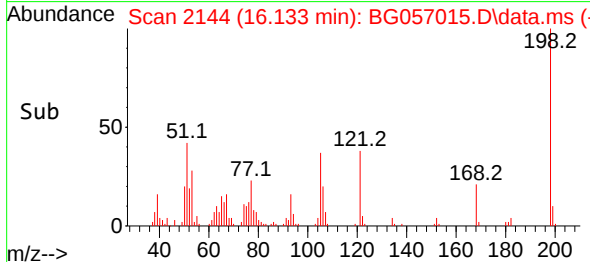
Instrument :
BNA_G
ClientSampleId :
72-11982MS



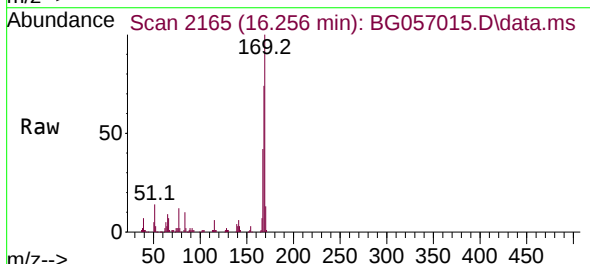
Tgt Ion:198 Resp: 35630
Ion Ratio Lower Upper
198 100
51 41.9 20.5 60.5
105 37.2 18.1 58.1

Manual Integrations
APPROVED

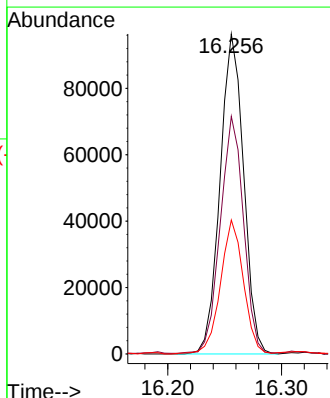
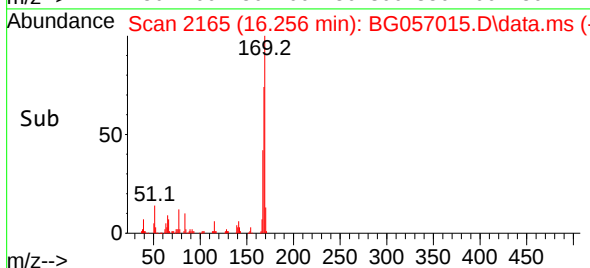
Reviewed By :Christian Giraldo 04/07/2023
Supervised By :Jagrut Upadhyay 04/07/2023

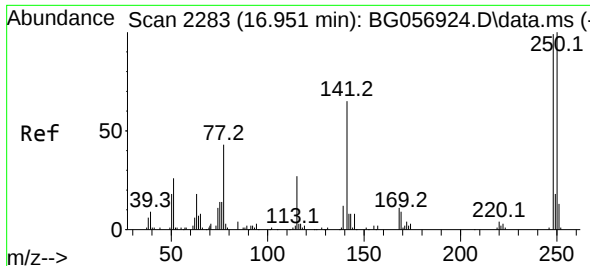


#66
n-Nitrosodiphenylamine
Concen: 49.577 ng
RT: 16.256 min Scan# 2165
Delta R.T. 0.000 min
Lab File: BG057015.D
Acq: 6 Apr 2023 16:54



Tgt Ion:169 Resp: 138616
Ion Ratio Lower Upper
169 100
168 74.2 59.6 89.4
167 41.8 31.8 47.8





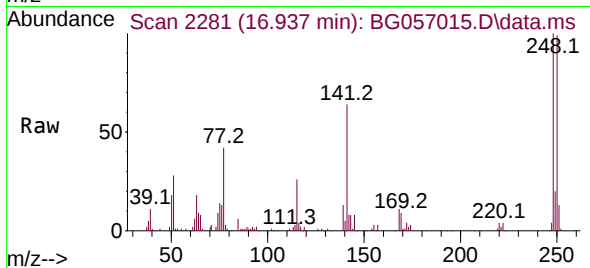
#67
4-Bromophenyl-phenylether
Concen: 48.150 ng
RT: 16.937 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG057015.D
Acq: 6 Apr 2023 16:54

Instrument :

BNA_G

ClientSampleId :

72-11982MS

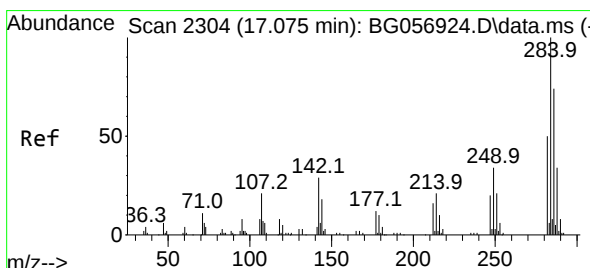
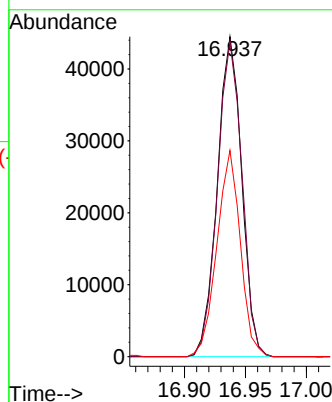
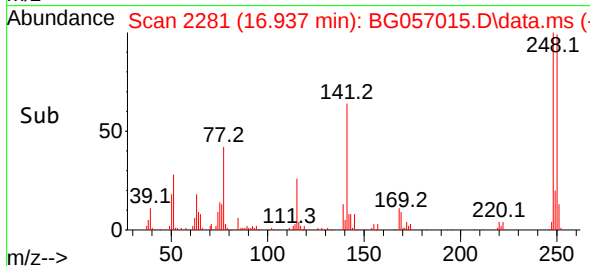


Tgt Ion:248 Resp: 62052
Ion Ratio Lower Upper
248 100
250 98.5 80.5 120.7
141 64.4 52.0 78.0

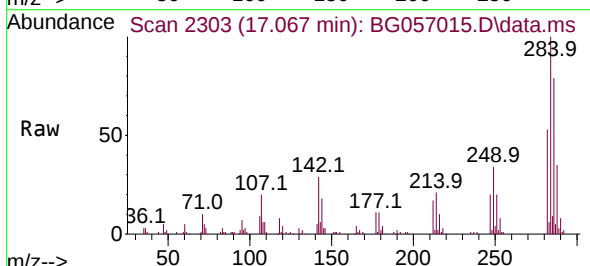
Manual Integrations

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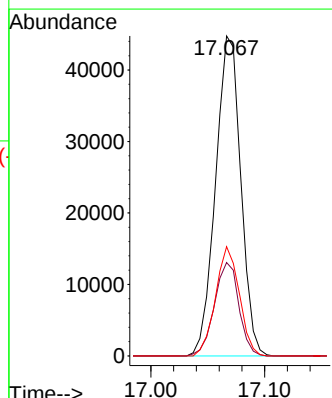
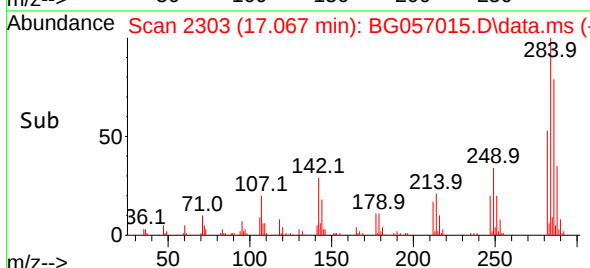
Reviewed By :Christian Giraldo 04/07/2023
Supervised By :Jagrut Upadhyay 04/07/2023

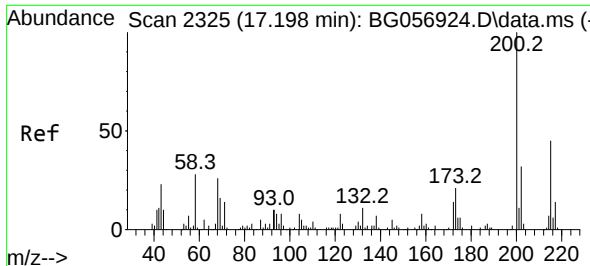


#68
Hexachlorobenzene
Concen: 54.084 ng
RT: 17.067 min Scan# 2303
Delta R.T. -0.005 min
Lab File: BG057015.D
Acq: 6 Apr 2023 16:54



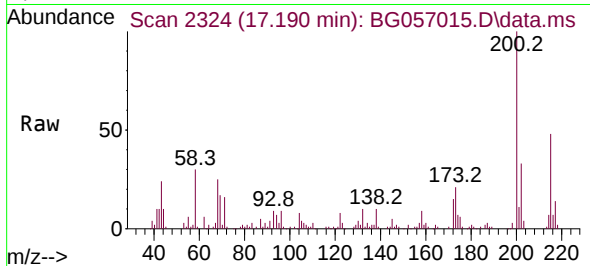
Tgt Ion:284 Resp: 68909
Ion Ratio Lower Upper
284 100
142 29.2 23.0 34.4
249 34.1 27.1 40.7





#69
 Atrazine
 Concen: 52.224 ng
 RT: 17.190 min Scan# 2324
 Delta R.T. 0.000 min
 Lab File: BG057015.D
 Acq: 6 Apr 2023 16:54

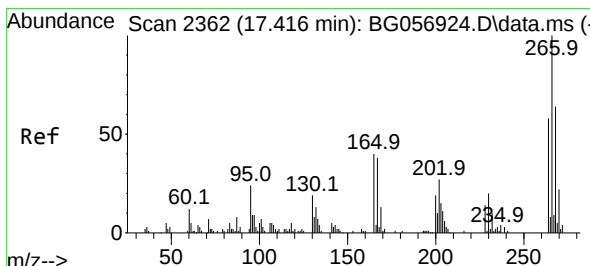
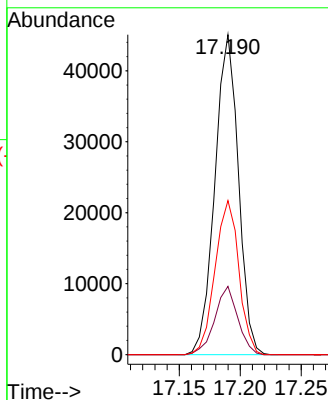
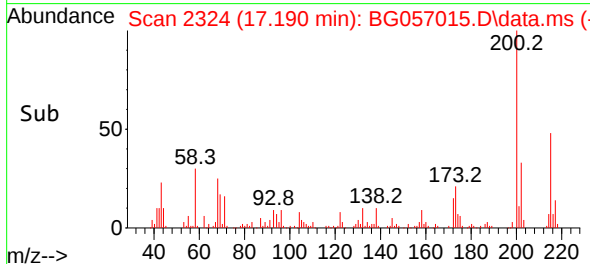
Instrument :
 BNA_G
 ClientSampleId :
 72-11982MS



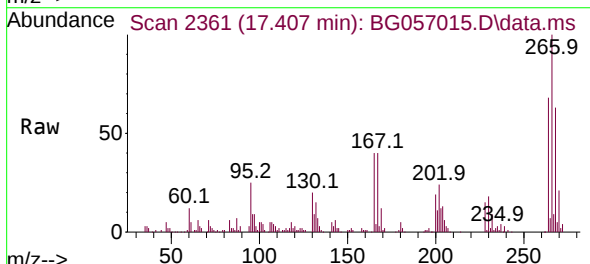
Tgt Ion:200 Resp: 60612
 Ion Ratio Lower Upper
 200 100
 173 21.3 1.0 41.0
 215 48.1 25.0 65.0

Manual Integrations
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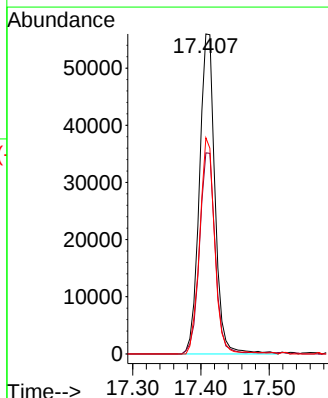
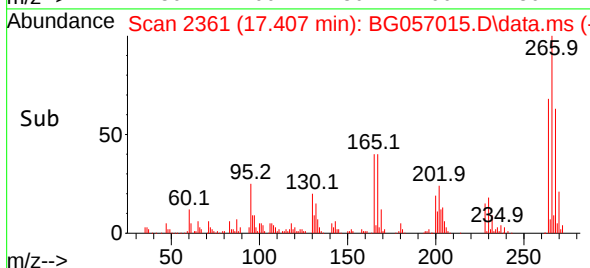
Reviewed By :Christian Giraldo 04/07/2023
 Supervised By :Jagrut Upadhyay 04/07/2023

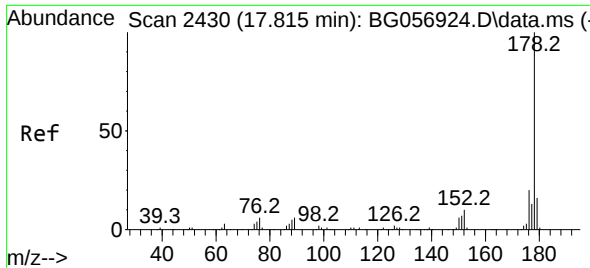


#70
 Pentachlorophenol
 Concen: 97.015 ng
 RT: 17.407 min Scan# 2361
 Delta R.T. 0.000 min
 Lab File: BG057015.D
 Acq: 6 Apr 2023 16:54



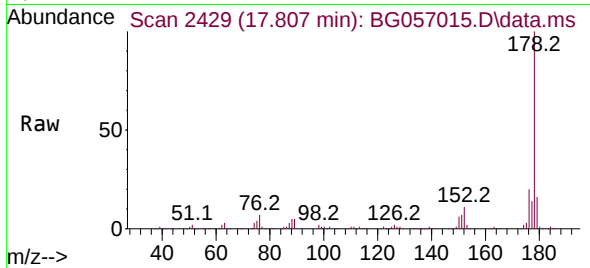
Tgt Ion:266 Resp: 88678
 Ion Ratio Lower Upper
 266 100
 268 62.8 51.0 76.6
 264 67.5 46.8 70.2





#71
Phenanthrene
Concen: 68.239 ng
RT: 17.807 min Scan# 2429
Delta R.T. 0.000 min
Lab File: BG057015.D
Acq: 6 Apr 2023 16:54

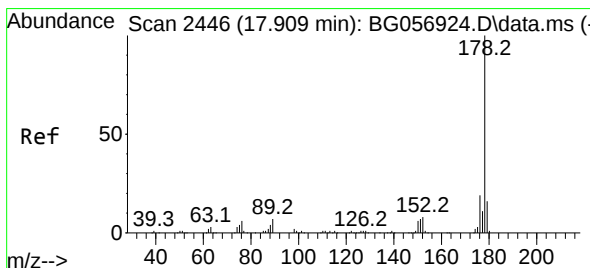
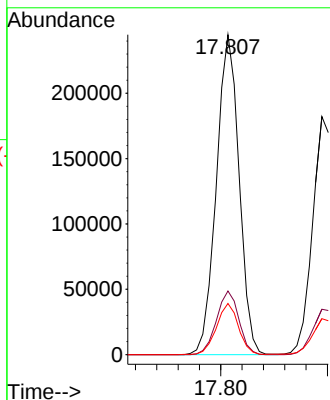
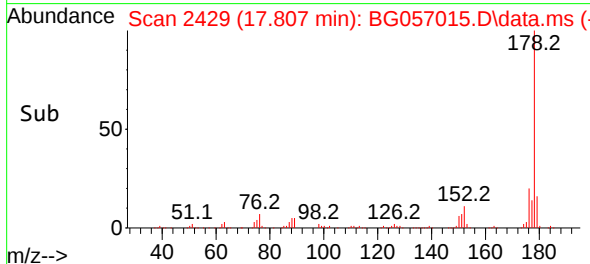
Instrument :
BNA_G
ClientSampleId :
72-11982MS



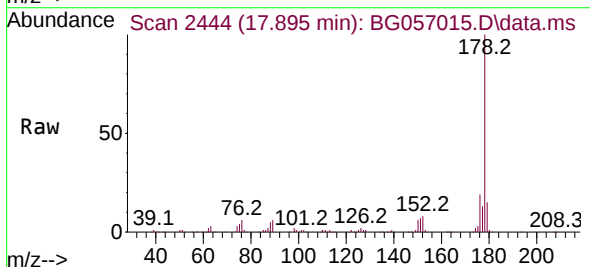
Tgt Ion:178 Resp: 362368
Ion Ratio Lower Upper
178 100
176 19.9 16.2 24.2
179 16.0 12.5 18.7

Manual Integrations
APPROVED

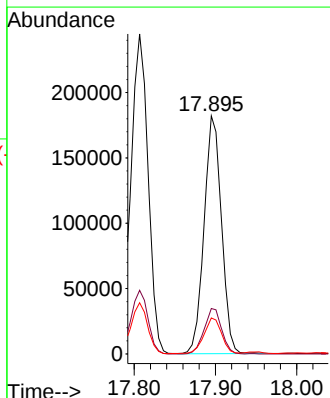
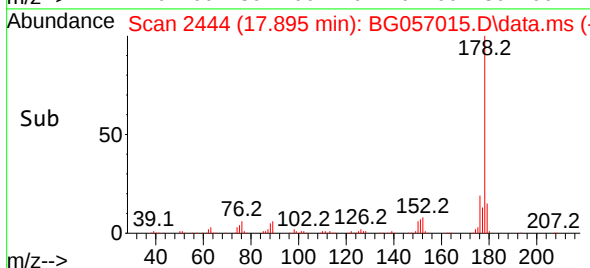
Reviewed By :Christian Giraldo 04/07/2023
Supervised By :Jagrut Upadhyay 04/07/2023

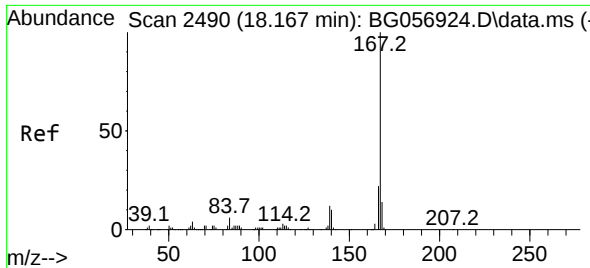


#72
Anthracene
Concen: 49.833 ng
RT: 17.895 min Scan# 2444
Delta R.T. -0.005 min
Lab File: BG057015.D
Acq: 6 Apr 2023 16:54



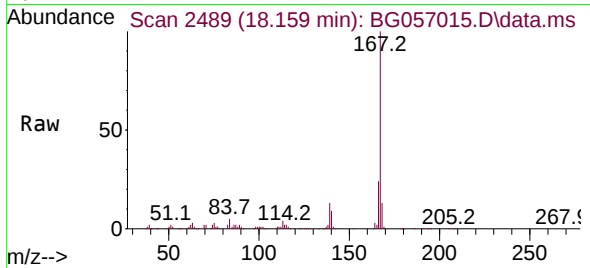
Tgt Ion:178 Resp: 271277
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 15.1 12.4 18.6





#73
Carbazole
Concen: 49.675 ng
RT: 18.159 min Scan# 2490
Delta R.T. 0.000 min
Lab File: BG057015.D
Acq: 6 Apr 2023 16:54

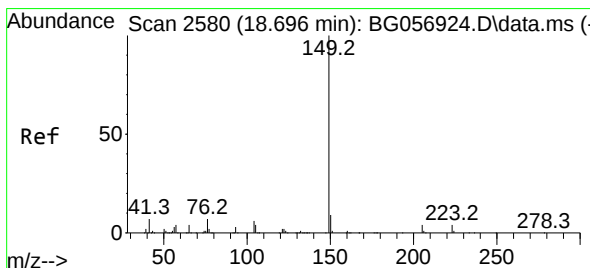
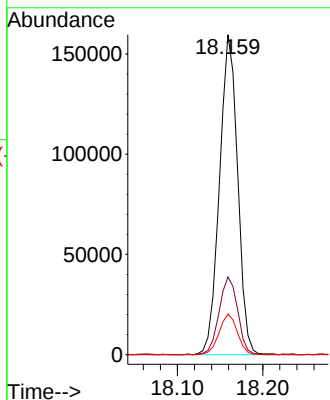
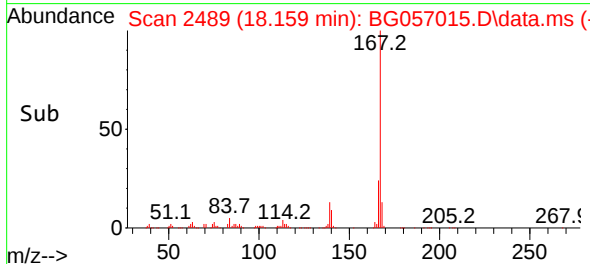
Instrument :
BNA_G
ClientSampleId :
72-11982MS



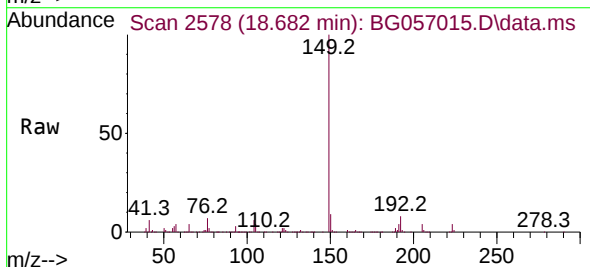
Tgt Ion:167 Resp: 23577
Ion Ratio Lower Upper
167 100
166 24.3 17.9 26.9
139 12.7 9.5 14.3

Manual Integrations
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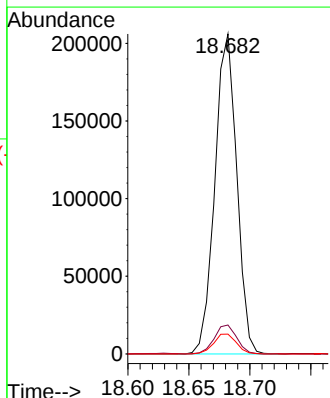
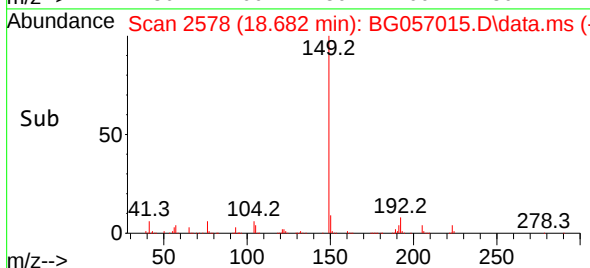
Reviewed By :Christian Giraldo 04/07/2023
Supervised By :Jagrut Upadhyay 04/07/2023

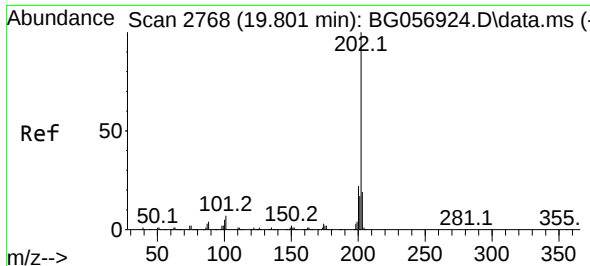


#74
Di-n-butylphthalate
Concen: 46.791 ng
RT: 18.682 min Scan# 2578
Delta R.T. 0.000 min
Lab File: BG057015.D
Acq: 6 Apr 2023 16:54



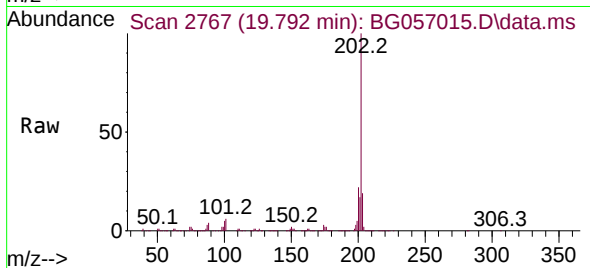
Tgt Ion:149 Resp: 257167
Ion Ratio Lower Upper
149 100
150 9.0 7.4 11.0
104 6.2 4.9 7.3





#75
Fluoranthene
Concen: 70.325 ng
RT: 19.792 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG057015.D
Acq: 6 Apr 2023 16:54

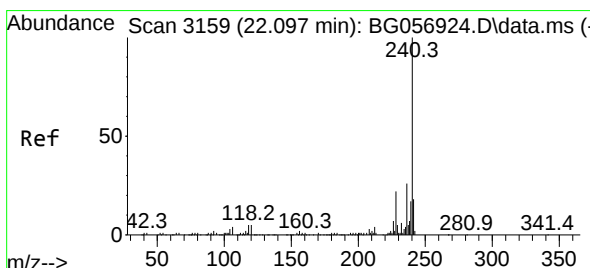
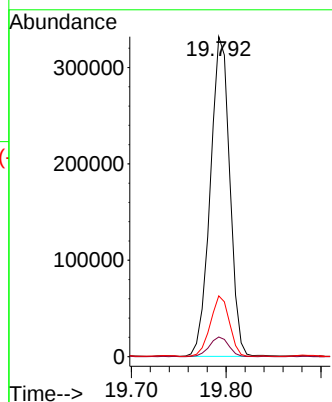
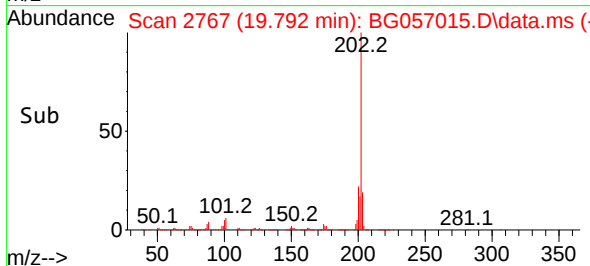
Instrument :
BNA_G
ClientSampleId :
72-11982MS



Tgt Ion:202 Resp: 473401
Ion Ratio Lower Upper
202 100
101 6.1 0.0 26.7
203 19.0 0.0 39.0

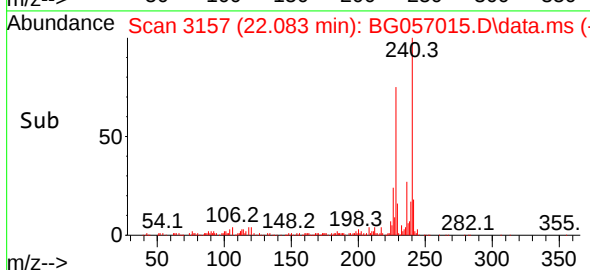
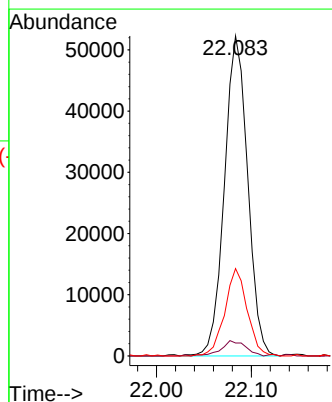
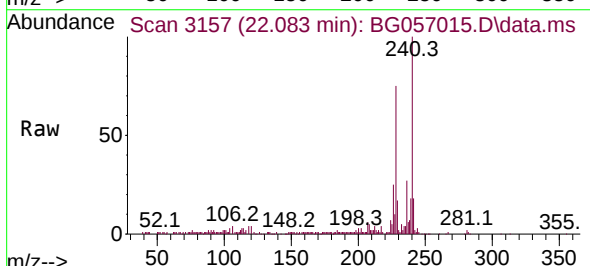
Manual Integrations
APPROVED

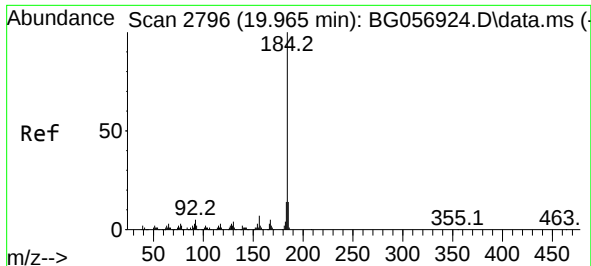
Reviewed By :Christian Giraldo 04/07/2023
Supervised By :Jagrut Upadhyay 04/07/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.083 min Scan# 3157
Delta R.T. -0.005 min
Lab File: BG057015.D
Acq: 6 Apr 2023 16:54

Tgt Ion:240 Resp: 88993
Ion Ratio Lower Upper
240 100
120 4.0 3.8 5.6
236 27.3 21.0 31.6





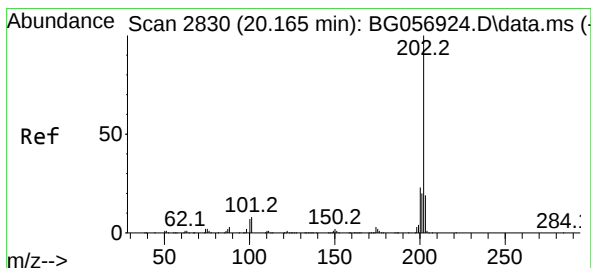
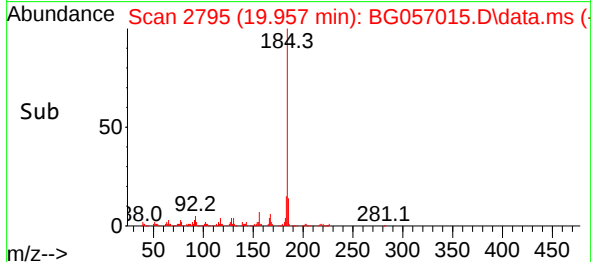
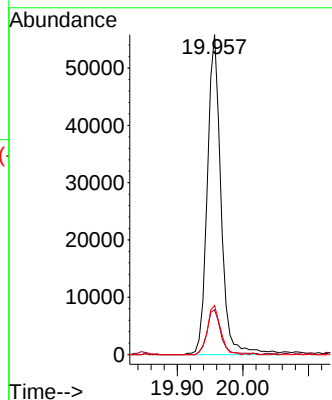
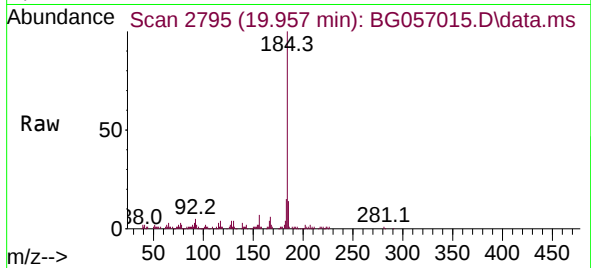
#77
Benzidine
Concen: 33.167 ng
RT: 19.957 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG057015.D
Acq: 6 Apr 2023 16:54

Instrument :
BNA_G
ClientSampleId :
72-11982MS

Tgt Ion:184 Resp: 80672
Ion Ratio Lower Upper
184 100
185 14.0 11.0 16.4
183 15.4 11.4 17.0

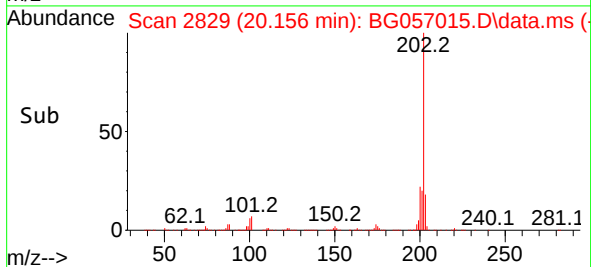
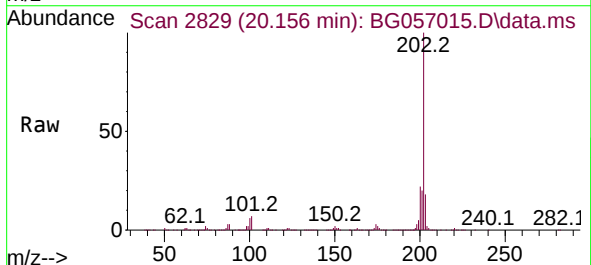
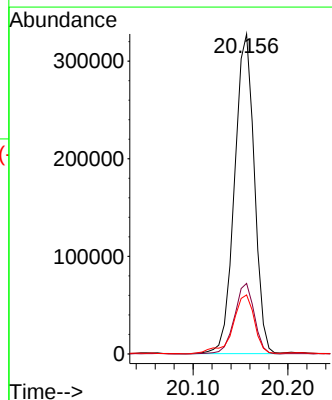
Manual Integrations
APPROVED

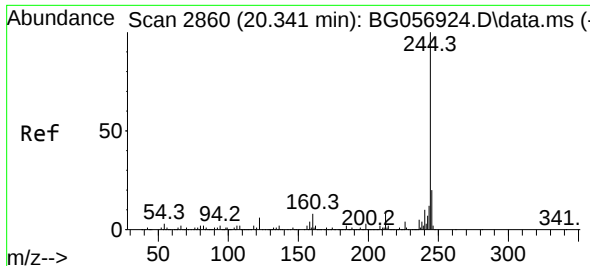
Reviewed By :Christian Giraldo 04/07/2023
Supervised By :Jagrut Upadhyay 04/07/2023



#78
Pyrene
Concen: 77.024 ng
RT: 20.156 min Scan# 2829
Delta R.T. 0.006 min
Lab File: BG057015.D
Acq: 6 Apr 2023 16:54

Tgt Ion:202 Resp: 474099
Ion Ratio Lower Upper
202 100
200 22.0 18.7 28.1
203 18.5 15.4 23.2





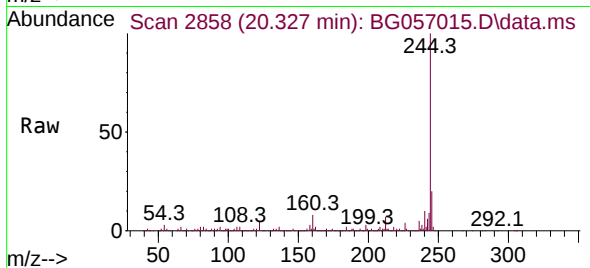
#79
Terphenyl-d14
Concen: 63.298 ng
RT: 20.327 min Scan# 2858
Delta R.T. -0.005 min
Lab File: BG057015.D
Acq: 6 Apr 2023 16:54

Instrument :

BNA_G

ClientSampleId :

72-11982MS

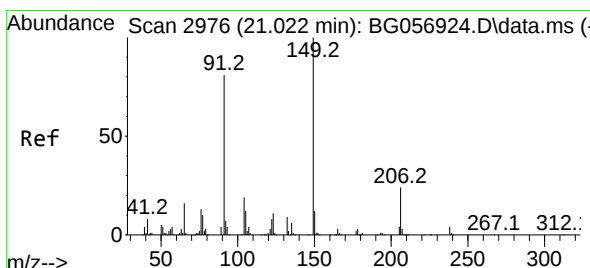
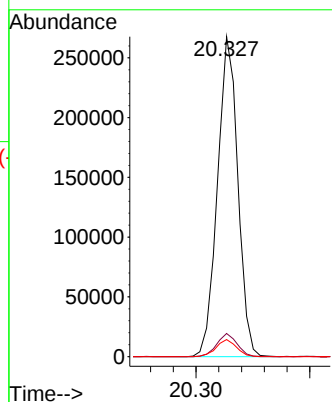
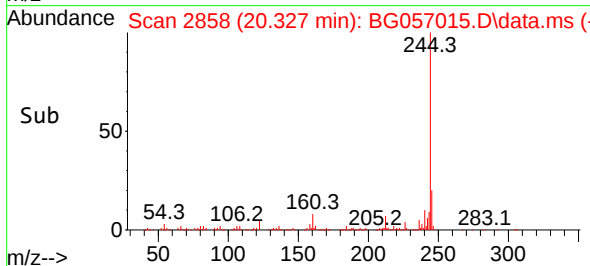


Tgt Ion:244 Resp: 332892
Ion Ratio Lower Upper
244 100
212 7.2 6.1 9.1
122 5.3 5.0 7.4

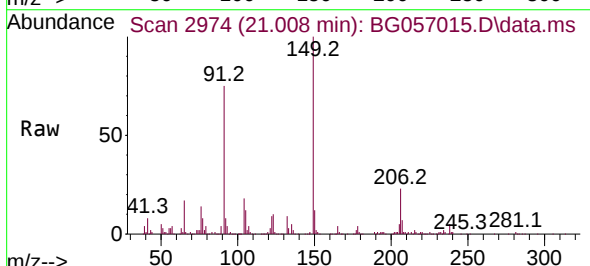
Manual Integrations

APPROVED

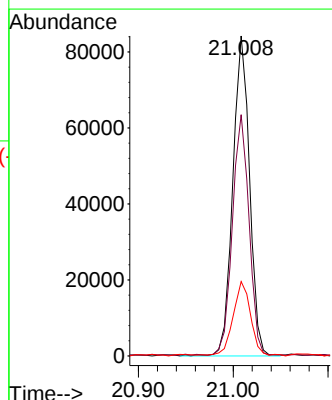
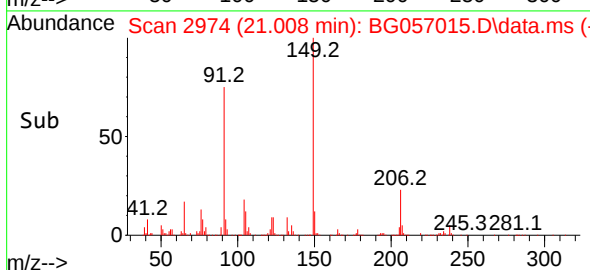
Reviewed By :Christian Giraldo 04/07/2023
Supervised By :Jagrut Upadhyay 04/07/2023

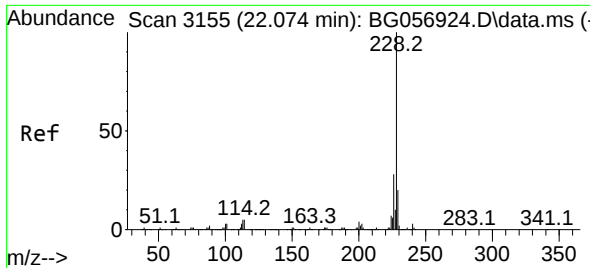


#80
Butylbenzylphthalate
Concen: 48.689 ng
RT: 21.008 min Scan# 2974
Delta R.T. 0.000 min
Lab File: BG057015.D
Acq: 6 Apr 2023 16:54



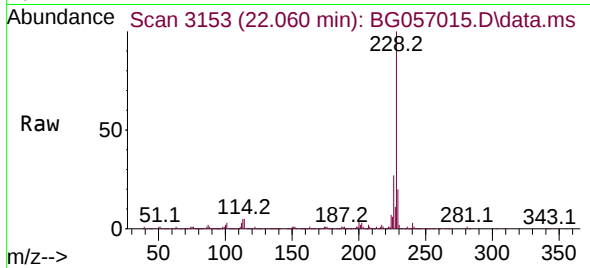
Tgt Ion:149 Resp: 103128
Ion Ratio Lower Upper
149 100
91 75.4 64.4 96.6
206 23.2 18.9 28.3





#81
Benzo(a)anthracene
Concen: 61.902 ng
RT: 22.060 min Scan# 3155
Delta R.T. -0.005 min
Lab File: BG057015.D
Acq: 6 Apr 2023 16:54

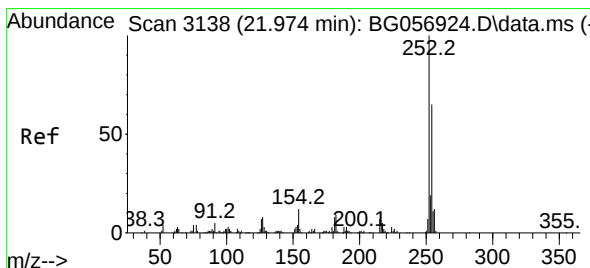
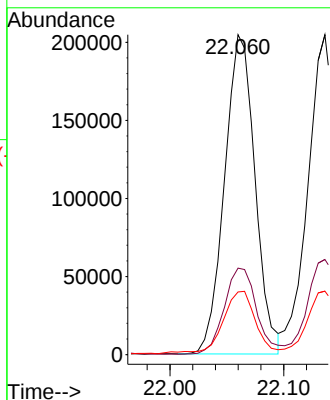
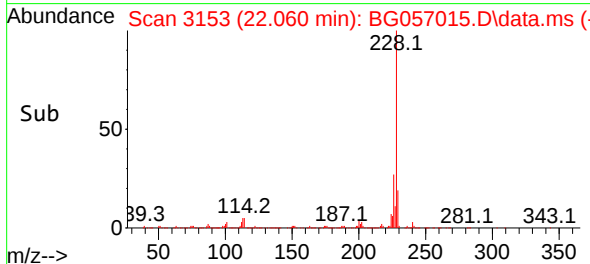
Instrument :
BNA_G
ClientSampleId :
72-11982MS



Tgt Ion:228 Resp: 38121
Ion Ratio Lower Upper
228 100
226 27.0 22.1 33.1
229 19.6 16.1 24.1

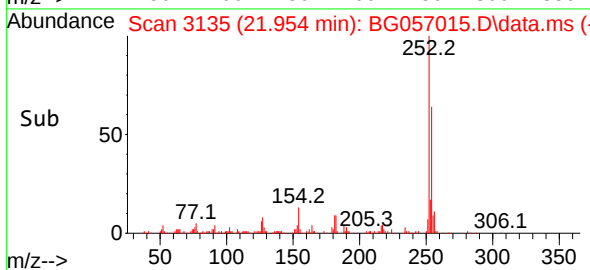
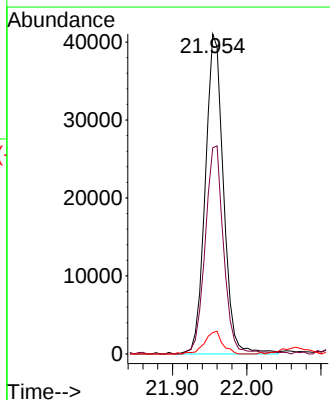
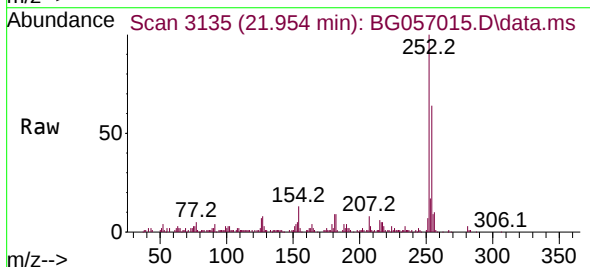
Manual Integrations
APPROVED

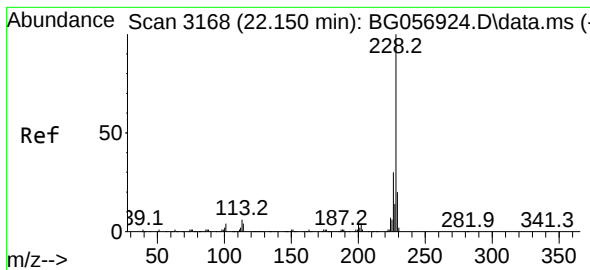
Reviewed By :Christian Giraldo 04/07/2023
Supervised By :Jagrut Upadhyay 04/07/2023



#82
3,3'-Dichlorobenzidine
Concen: 33.523 ng
RT: 21.954 min Scan# 3135
Delta R.T. -0.005 min
Lab File: BG057015.D
Acq: 6 Apr 2023 16:54

Tgt Ion:252 Resp: 69713
Ion Ratio Lower Upper
252 100
254 64.4 51.7 77.5
126 6.7 5.6 8.4





#83

Chrysene

Concen: 63.307 ng

RT: 22.136 min Scan# 3166

Delta R.T. 0.000 min

Lab File: BG057015.D

Acq: 6 Apr 2023 16:54

Instrument :

BNA_G

ClientSampleId :

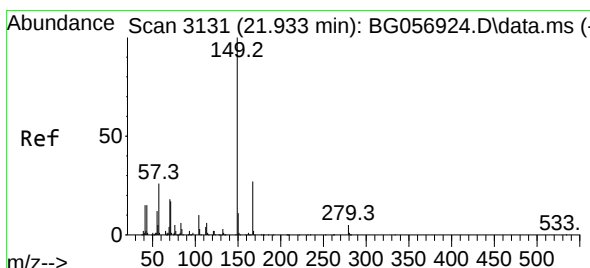
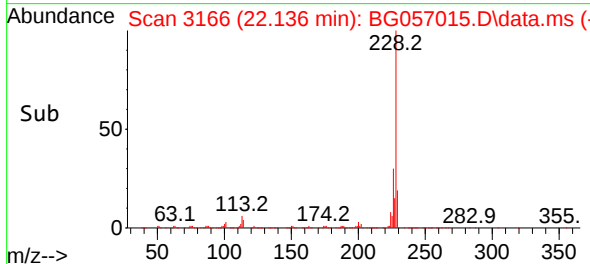
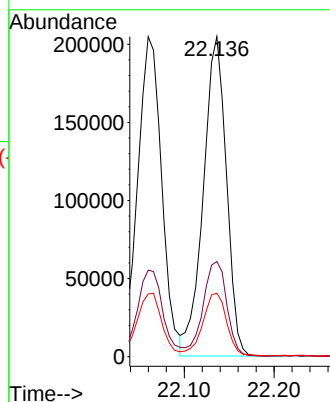
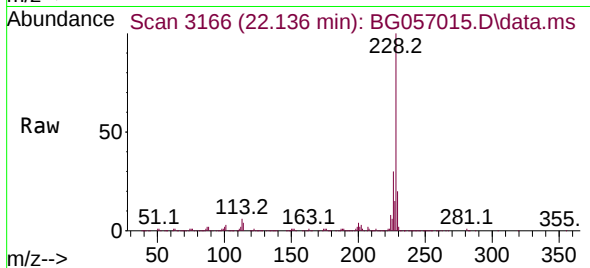
72-11982MS

Tgt Ion:228	Resp: 365034
Ion Ratio	Lower Upper
228 100	
226 29.7	24.1 36.1
229 19.8	15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/07/2023
Supervised By :Jagrut Upadhyay 04/07/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.899 ng

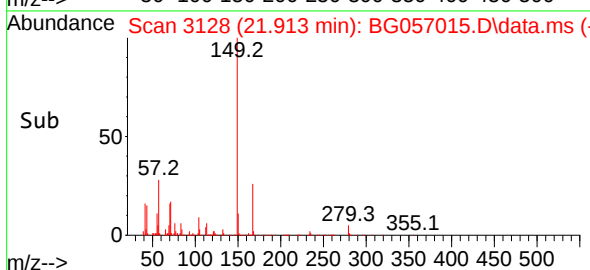
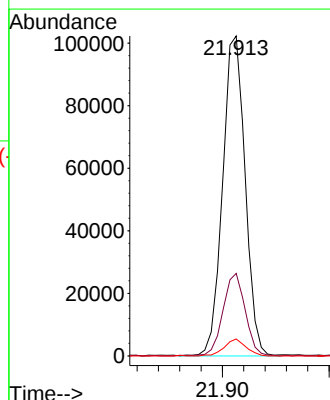
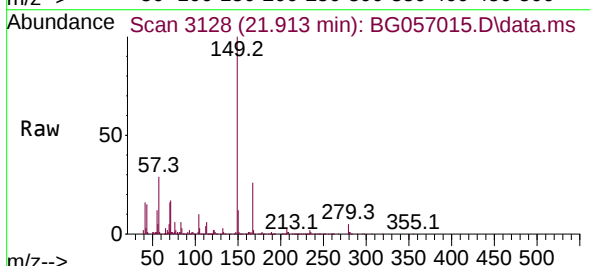
RT: 21.913 min Scan# 3128

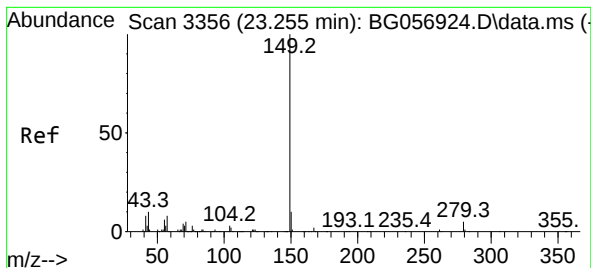
Delta R.T. 0.000 min

Lab File: BG057015.D

Acq: 6 Apr 2023 16:54

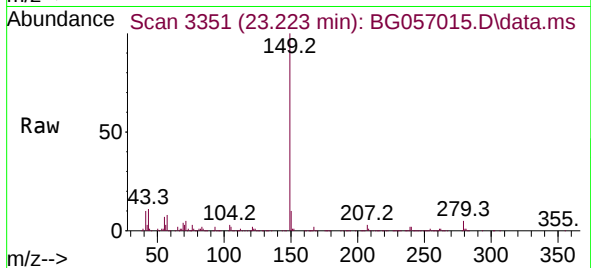
Tgt Ion:149	Resp: 149980
Ion Ratio	Lower Upper
149 100	
167 25.8	21.4 32.2
279 5.3	3.9 5.9





#85
Di-n-octyl phthalate
Concen: 47.665 ng
RT: 23.223 min Scan# 3356
Delta R.T. -0.005 min
Lab File: BG057015.D
Acq: 6 Apr 2023 16:54

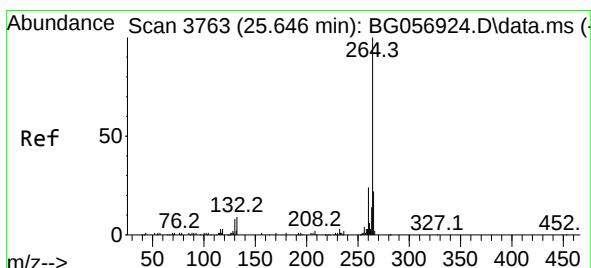
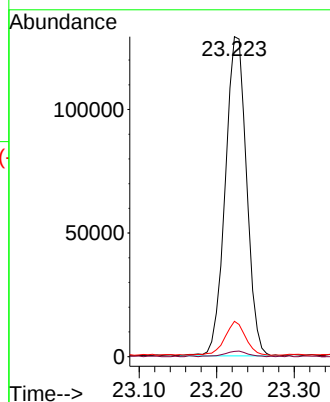
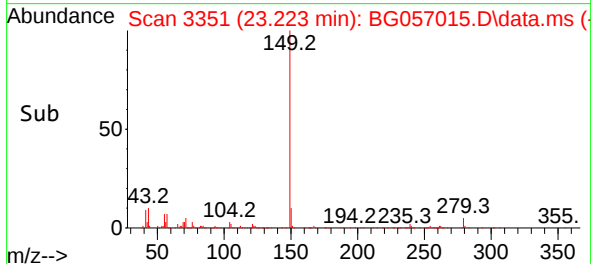
Instrument :
BNA_G
ClientSampleId :
72-11982MS



Tgt Ion:149 Resp: 246361
Ion Ratio Lower Upper
149 100
167 1.9 1.3 1.9
43 10.3 7.9 11.9

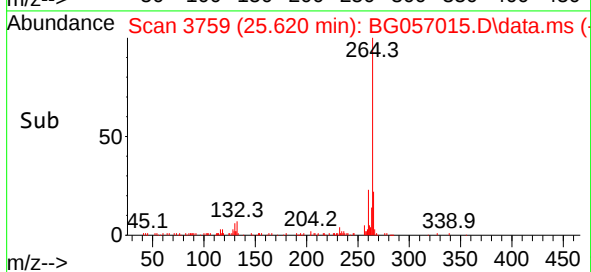
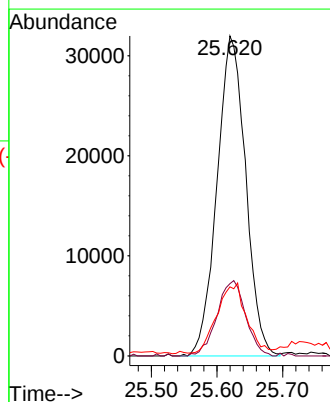
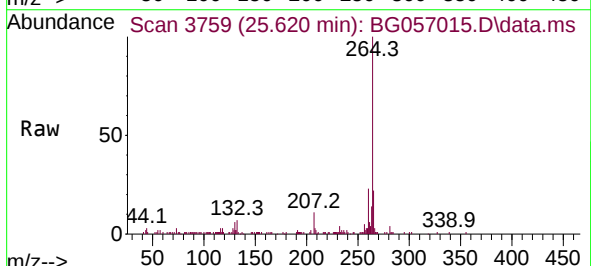
Manual Integrations
APPROVED

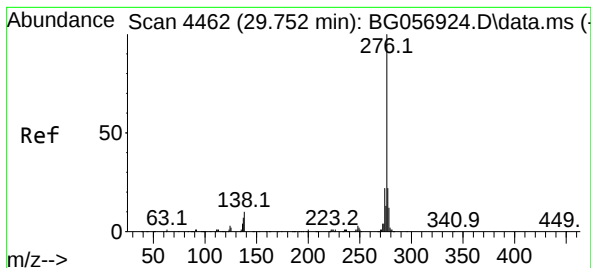
Reviewed By :Christian Giraldo 04/07/2023
Supervised By :Jagrut Upadhyay 04/07/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.620 min Scan# 3759
Delta R.T. -0.005 min
Lab File: BG057015.D
Acq: 6 Apr 2023 16:54

Tgt Ion:264 Resp: 96874
Ion Ratio Lower Upper
264 100
260 22.6 19.0 28.4
265 21.6 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 57.830 ng

RT: 29.738 min Scan# 4460

Delta R.T. 0.012 min

Lab File: BG057015.D

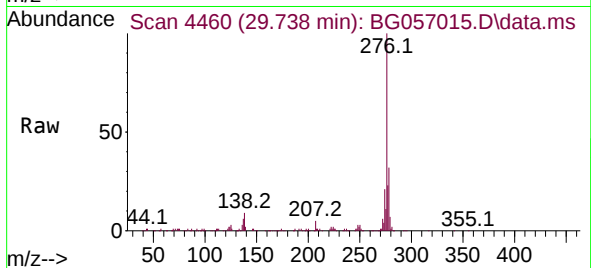
Acq: 6 Apr 2023 16:54

Instrument :

BNA_G

ClientSampleId :

72-11982MS



Tgt Ion:276 Resp: 414034

Ion Ratio Lower Upper

276 100

138 7.1 7.7 11.5

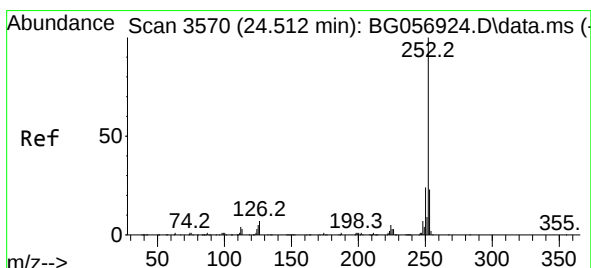
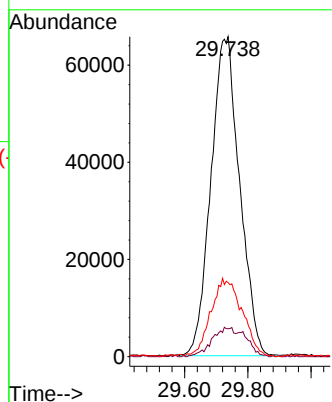
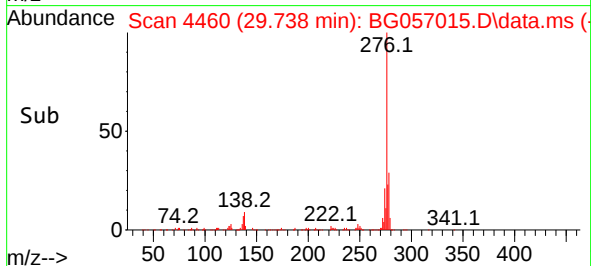
277 26.7 21.0 31.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/07/2023

Supervised By :Jagrut Upadhyay 04/07/2023



#88

Benzo(b)fluoranthene

Concen: 68.987 ng

RT: 24.498 min Scan# 3568

Delta R.T. 0.006 min

Lab File: BG057015.D

Acq: 6 Apr 2023 16:54

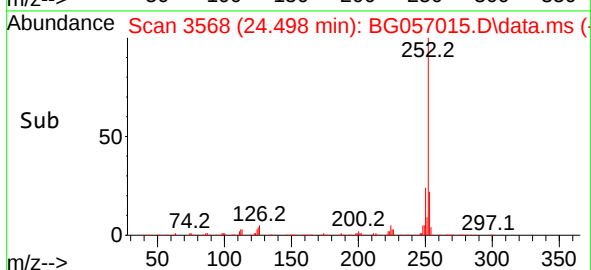
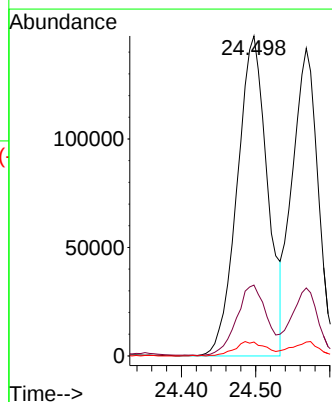
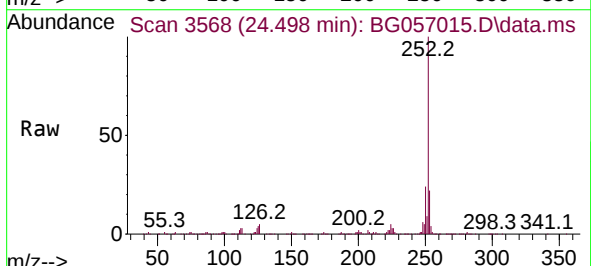
Tgt Ion:252 Resp: 417912

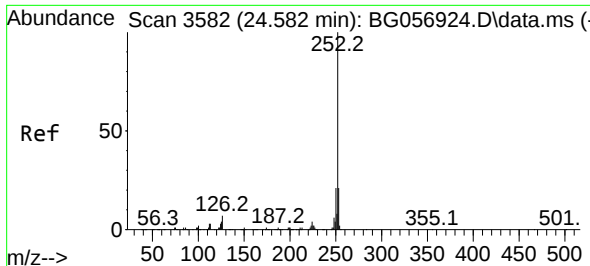
Ion Ratio Lower Upper

252 100

253 22.1 18.1 27.1

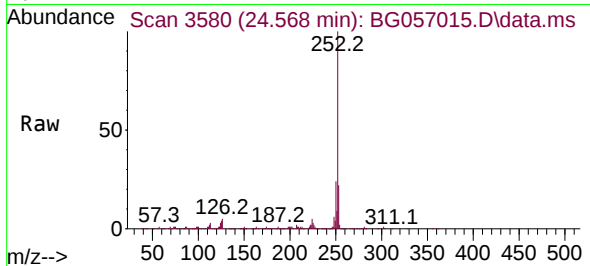
125 4.3 4.2 6.4





#89
Benzo(k)fluoranthene
Concen: 56.300 ng
RT: 24.568 min Scan# 31
Delta R.T. 0.000 min
Lab File: BG057015.D
Acq: 6 Apr 2023 16:54

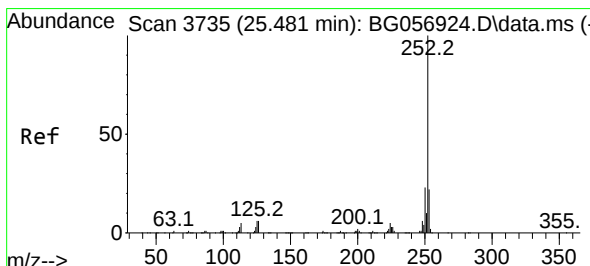
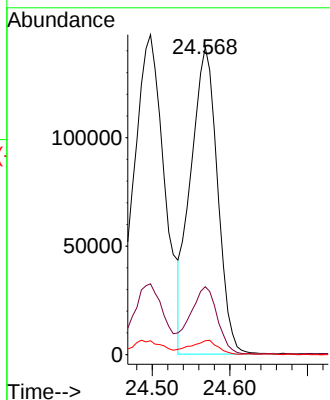
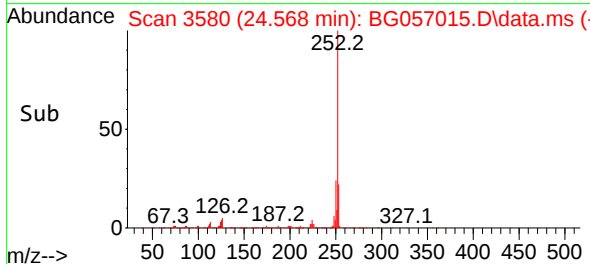
Instrument :
BNA_G
ClientSampleId :
72-11982MS



Tgt Ion:252 Resp: 340483
Ion Ratio Lower Upper
252 100
253 22.1 17.1 25.7
125 4.5 3.8 5.6

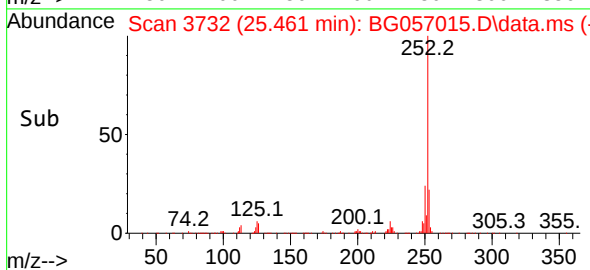
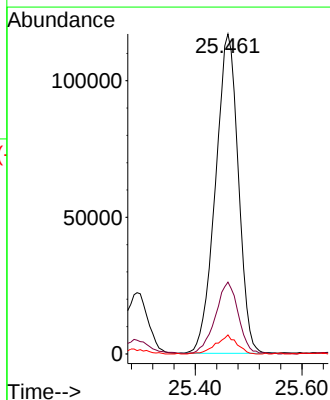
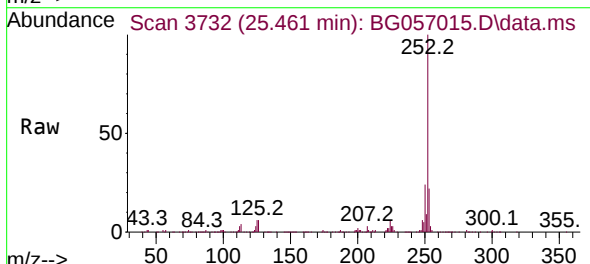
Manual Integrations
APPROVED

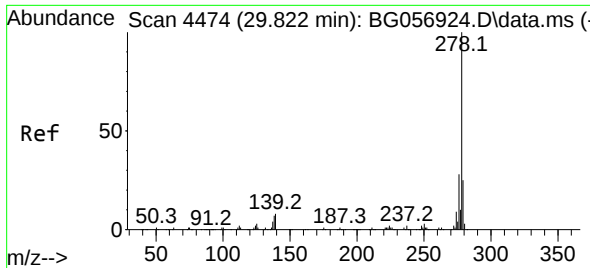
Reviewed By :Christian Giraldo 04/07/2023
Supervised By :Jagrut Upadhyay 04/07/2023



#90
Benzo(a)pyrene
Concen: 58.318 ng
RT: 25.461 min Scan# 3732
Delta R.T. 0.000 min
Lab File: BG057015.D
Acq: 6 Apr 2023 16:54

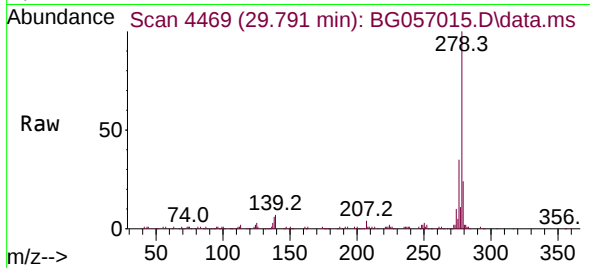
Tgt Ion:252 Resp: 347152
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 5.9 4.5 6.7





#91
Dibenzo(a,h)anthracene
Concen: 52.052 ng
RT: 29.791 min Scan# 4474
Delta R.T. 0.000 min
Lab File: BG057015.D
Acq: 6 Apr 2023 16:54

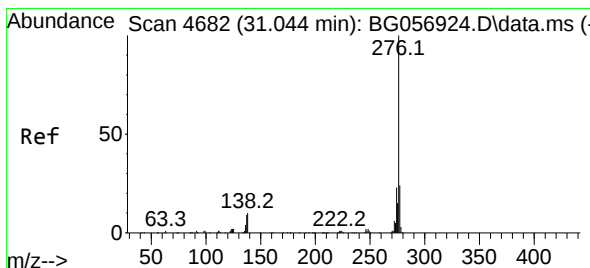
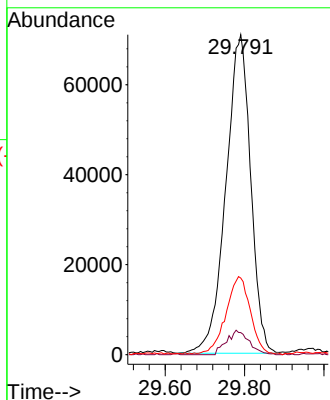
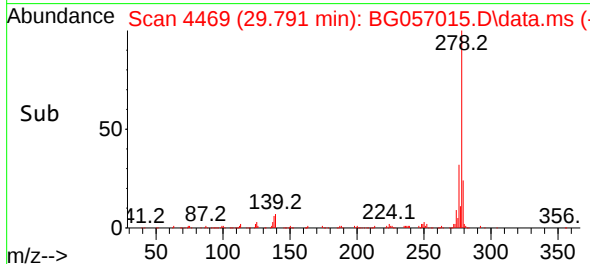
Instrument :
BNA_G
ClientSampleId :
72-11982MS



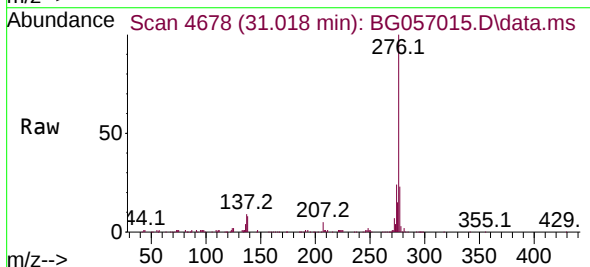
Tgt Ion:278 Resp: 306321
Ion Ratio Lower Upper
278 100
139 6.9 6.4 9.6
279 23.9 20.2 30.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/07/2023
Supervised By :Jagrut Upadhyay 04/07/2023



#92
Benzo(g,h,i)perylene
Concen: 59.365 ng
RT: 31.018 min Scan# 4678
Delta R.T. 0.006 min
Lab File: BG057015.D
Acq: 6 Apr 2023 16:54



Tgt Ion:276 Resp: 342090
Ion Ratio Lower Upper
276 100
277 23.0 19.1 28.7
138 8.3 8.2 12.2

