

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051923\
 Data File : BG057475.D
 Acq On : 19 May 2023 20:14
 Operator : CG/JU
 Sample : 02848-10MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP5MS

Quant Time: May 20 04:29:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 20 04:19:55 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 05/22/2023
 Supervised By : Jagrut Upadhyay 05/22/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.354	152	16479	20.000	ng	0.00
21) Naphthalene-d8	11.191	136	64580	20.000	ng	0.00
39) Acenaphthene-d10	14.968	164	49805	20.000	ng	0.00
64) Phenanthrene-d10	17.712	188	127307	20.000	ng	0.00
76) Chrysene-d12	22.018	240	116820	20.000	ng	0.00
86) Perylene-d12	25.507	264	127382	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.875	112	82342	85.476	ng	0.00
7) Phenol-d6	7.496	99	121312	82.927	ng	0.00
23) Nitrobenzene-d5	9.534	82	74849	48.645	ng	0.00
42) 2,4,6-Tribromophenol	16.455	330	60713	85.913	ng	0.00
45) 2-Fluorobiphenyl	13.594	172	188709	51.030	ng	0.00
79) Terphenyl-d14	20.279	244	332835	46.495	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.666	88	17071	42.858	ng	98
3) Pyridine	4.089	79	43916	34.308	ng	98
4) n-Nitrosodimethylamine	4.001	42	26783	44.523	ng	# 97
6) Aniline	7.666	93	58567	31.559	ng	96
8) 2-Chlorophenol	7.913	128	53717	52.771	ng	97
9) Benzaldehyde	7.478	77	39175	52.715	ng	94
10) Phenol	7.525	94	73621	51.626	ng	98
11) bis(2-Chloroethyl)ether	7.755	93	47859	44.507	ng	98
12) 1,3-Dichlorobenzene	8.242	146	57675	51.336	ng	98
13) 1,4-Dichlorobenzene	8.389	146	58459	51.802	ng	98
14) 1,2-Dichlorobenzene	8.718	146	55875	51.288	ng	97
15) Benzyl Alcohol	8.589	79	58274	47.817	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.877	45	56999m	42.055	ng	
17) 2-Methylphenol	8.794	107	49428	48.084	ng	97
18) Hexachloroethane	9.452	117	20739	50.924	ng	94
19) n-Nitroso-di-n-propyla...	9.159	70	45481	40.773	ng	97
20) 3+4-Methylphenols	9.123	107	69592	49.441	ng	95
22) Acetophenone	9.182	105	85571	46.295	ng	95
24) Nitrobenzene	9.576	77	67860	43.695	ng	96
25) Isophorone	10.098	82	123708	41.462	ng	97
26) 2-Nitrophenol	10.298	139	30859	51.911	ng	93
27) 2,4-Dimethylphenol	10.339	122	56127	53.921	ng	98
28) bis(2-Chloroethoxy)met...	10.568	93	66356	44.393	ng	97
29) 2,4-Dichlorophenol	10.833	162	59094	53.526	ng	93
30) 1,2,4-Trichlorobenzene	11.050	180	61709	48.460	ng	98
31) Naphthalene	11.244	128	162036	46.933	ng	99
32) Benzoic acid	10.492	122	32421	53.422	ng	91
33) 4-Chloroaniline	11.344	127	41206	26.576	ng	96
34) Hexachlorobutadiene	11.514	225	44802	47.416	ng	96
35) Caprolactam	12.119	113	18983m	50.336	ng	
36) 4-Chloro-3-methylphenol	12.442	107	65746	52.403	ng	97
37) 2-Methylnaphthalene	12.824	142	125133	46.098	ng	95
38) 1-Methylnaphthalene	13.036	142	117151	45.787	ng	99
40) 1,2,4,5-Tetrachloroben...	13.182	216	88521	50.065	ng	99
41) Hexachlorocyclopentadiene	13.153	237	67244	79.191	ng	98
43) 2,4,6-Trichlorophenol	13.417	196	58019	53.861	ng	99

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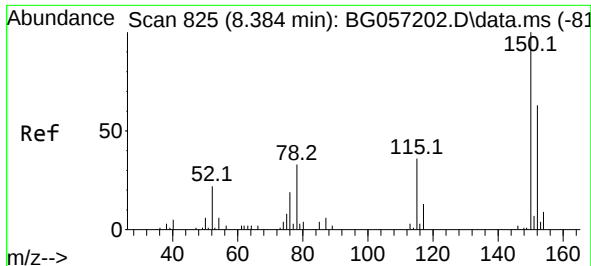
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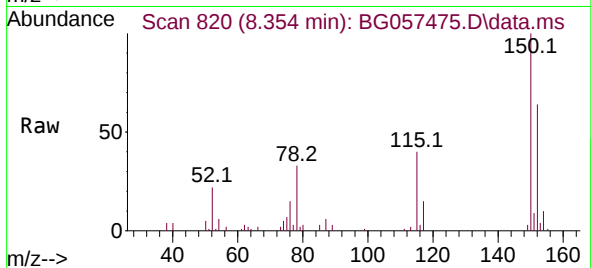
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.494	196	62876	49.622	ng	96
46) 1,1'-Biphenyl	13.805	154	181559	49.127	ng	97
47) 2-Chloronaphthalene	13.858	162	138300	50.323	ng	98
48) 2-Nitroaniline	14.058	65	45310	48.489	ng	96
49) Acenaphthylene	14.698	152	216905	48.581	ng	100
50) Dimethylphthalate	14.410	163	184403	45.056	ng	99
51) 2,6-Dinitrotoluene	14.539	165	40806	48.832	ng	90
52) Acenaphthene	15.033	154	133612	47.890	ng	99
53) 3-Nitroaniline	14.874	138	28713	34.298	ng	90
54) 2,4-Dinitrophenol	15.086	184	49691	95.037	ng	96
55) Dibenzofuran	15.368	168	222175	47.396	ng	98
56) 4-Nitrophenol	15.180	139	59984	107.732	ng	93
57) 2,4-Dinitrotoluene	15.327	165	58732	49.178	ng	# 92
58) Fluorene	16.014	166	185015	47.916	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.591	232	60217	52.418	ng	# 100
60) Diethylphthalate	15.750	149	186939	44.977	ng	98
61) 4-Chlorophenyl-phenyle...	15.990	204	109017	46.867	ng	97
62) 4-Nitroaniline	16.032	138	40549	48.013	ng	98
63) Azobenzene	16.284	77	180644	45.045	ng	96
65) 4,6-Dinitro-2-methylph...	16.090	198	41197	54.202	ng	97
66) n-Nitrosodiphenylamine	16.202	169	163606	47.317	ng	99
67) 4-Bromophenyl-phenylether	16.883	248	73934	47.574	ng	96
68) Hexachlorobenzene	17.018	284	78433	51.934	ng	94
69) Atrazine	17.136	200	74319	56.346	ng	98
70) Pentachlorophenol	17.359	266	79221	91.020	ng	97
71) Phenanthrene	17.753	178	312860	47.959	ng	100
72) Anthracene	17.847	178	316203	47.240	ng	98
73) Carbazole	18.111	167	277889	49.314	ng	98
74) Di-n-butylphthalate	18.628	149	307942	47.496	ng	98
75) Fluoranthene	19.744	202	379193	46.736	ng	99
77) Benzidine	19.909	184	110372	42.261	ng	99
78) Pyrene	20.103	202	386556	45.537	ng	100
80) Butylbenzylphthalate	20.954	149	135973	50.483	ng	93
81) Benzo(a)anthracene	21.994	228	392660	47.178	ng	99
82) 3,3'-Dichlorobenzidine	21.894	252	100999	37.885	ng	98
83) Chrysene	22.065	228	356376	45.508	ng	99
84) Bis(2-ethylhexyl)phtha...	21.841	149	195289	49.005	ng	100
85) Di-n-octyl phthalate	23.128	149	331888	49.955	ng	97
87) Indeno(1,2,3-cd)pyrene	29.554	276	444283	47.856	ng	99
88) Benzo(b)fluoranthene	24.391	252	398032	47.801	ng	99
89) Benzo(k)fluoranthene	24.461	252	391080	46.218	ng	100
90) Benzo(a)pyrene	25.348	252	352800	43.368	ng	98
91) Dibenzo(a,h)anthracene	29.613	278	371763	48.084	ng	98
92) Benzo(g,h,i)perylene	30.817	276	356326	47.201	ng	100

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.354 min Scan# 81
Delta R.T. -0.008 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

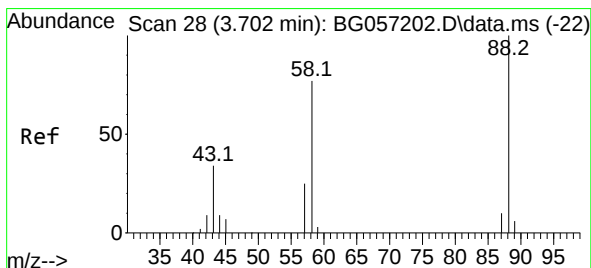
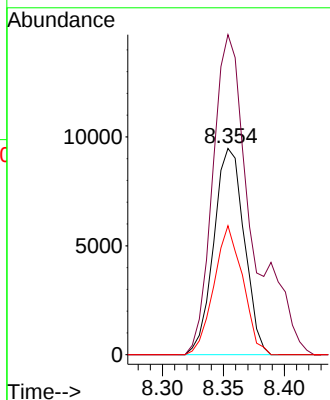
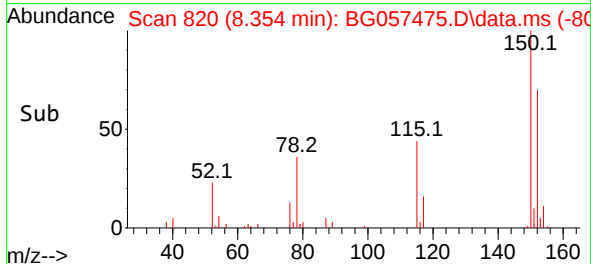
Instrument :
BNA_G
ClientSampleId :
TP5MS



Tgt Ion:152 Resp: 16479
Ion Ratio Lower Upper
152 100
150 155.2 126.2 189.4
115 62.5 45.0 67.4

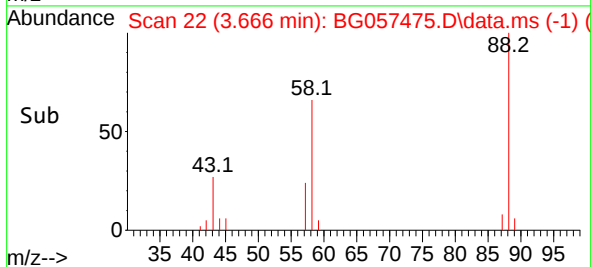
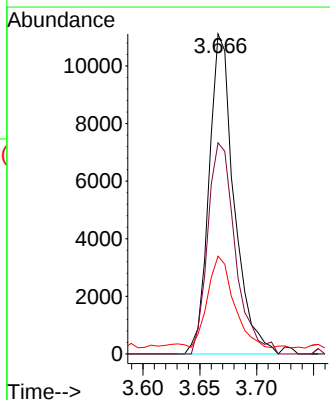
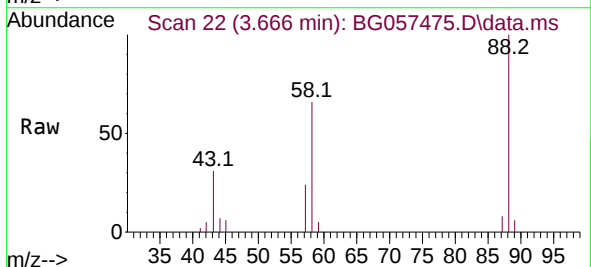
Manual Integrations
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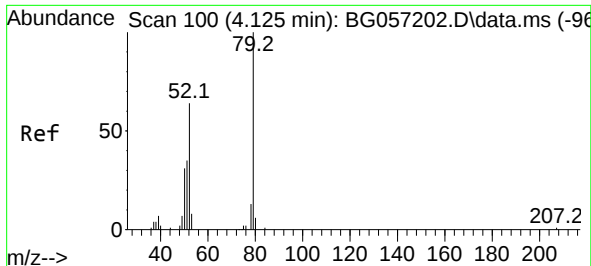
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#2
1,4-Dioxane
Concen: 42.858 ng
RT: 3.666 min Scan# 22
Delta R.T. -0.008 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

Tgt Ion: 88 Resp: 17071
Ion Ratio Lower Upper
88 100
58 72.5 57.1 85.7
43 29.5 24.4 36.6





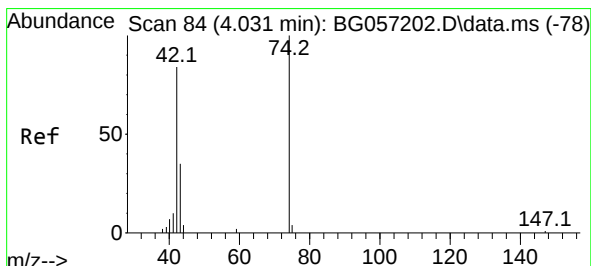
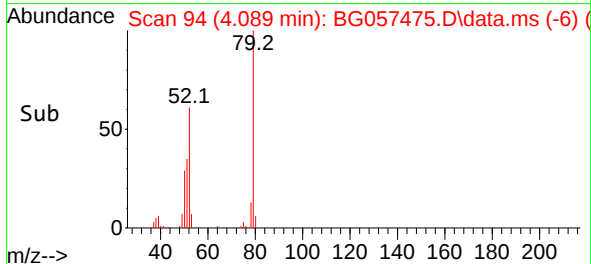
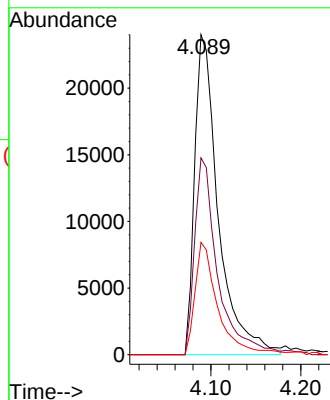
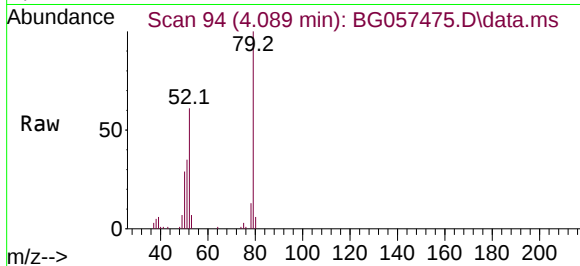
#3
Pyridine
Concen: 34.308 ng
RT: 4.089 min Scan# 94
Delta R.T. -0.014 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

Instrument :
BNA_G
ClientSampleId :
TP5MS

Tgt Ion: 79 Resp: 43910
Ion Ratio Lower Upper
79 100
52 61.5 51.4 77.0
51 35.1 28.0 42.0

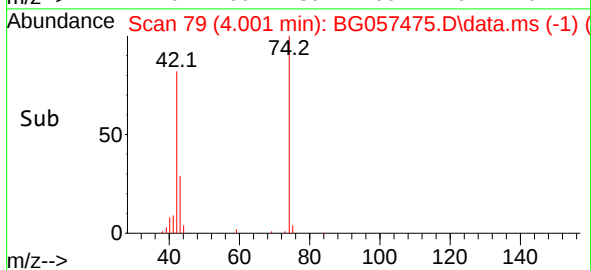
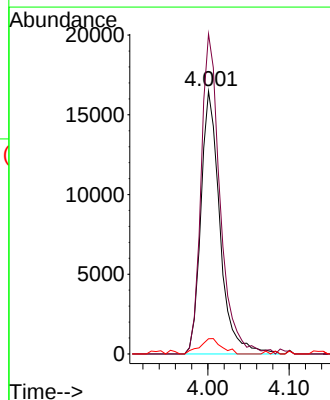
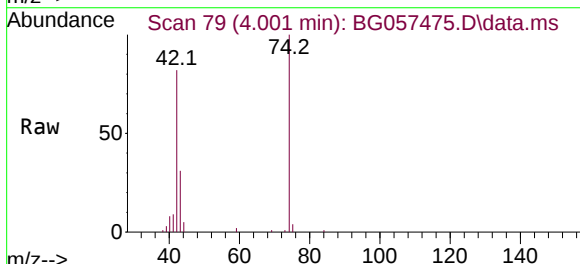
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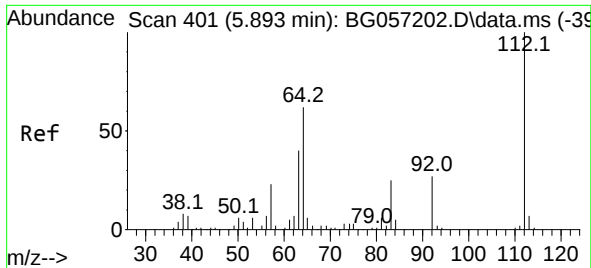
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#4
n-Nitrosodimethylamine
Concen: 44.523 ng
RT: 4.001 min Scan# 79
Delta R.T. -0.008 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

Tgt Ion: 42 Resp: 26783
Ion Ratio Lower Upper
42 100
74 121.8 95.1 142.7
44 5.8 5.8 8.8





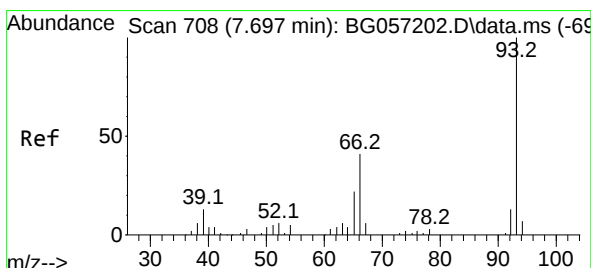
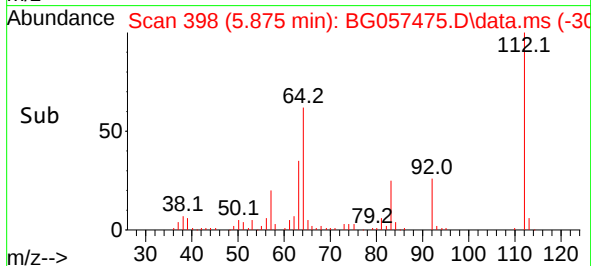
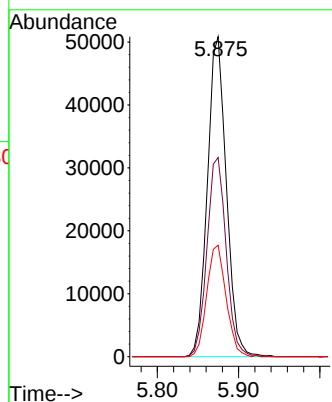
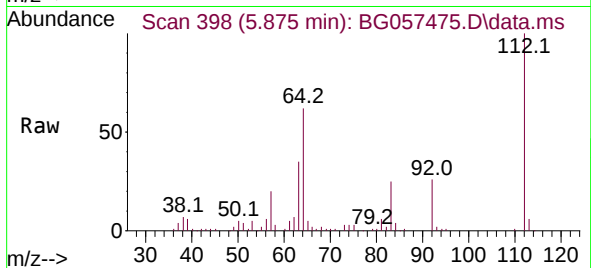
#5
2-Fluorophenol
Concen: 85.476 ng
RT: 5.875 min Scan# 398
Delta R.T. 0.004 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

Instrument :
BNA_G
ClientSampleId :
TP5MS

Tgt Ion:112 Resp: 8234
Ion Ratio Lower Upper
112 100
64 62.2 49.4 74.2
63 34.8 31.6 47.4

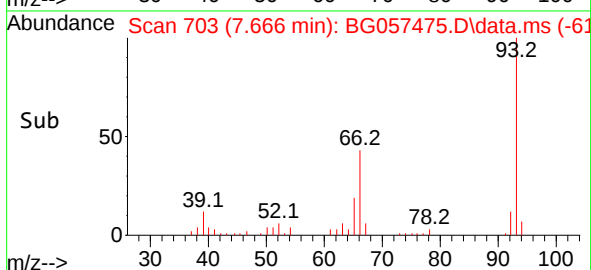
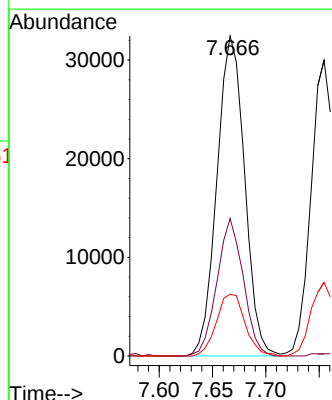
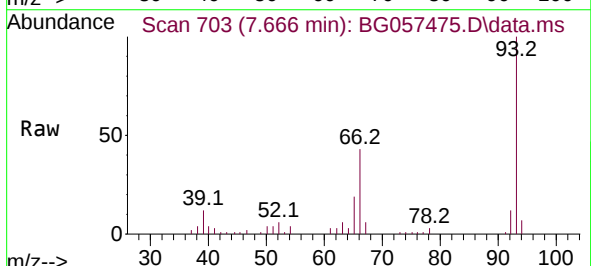
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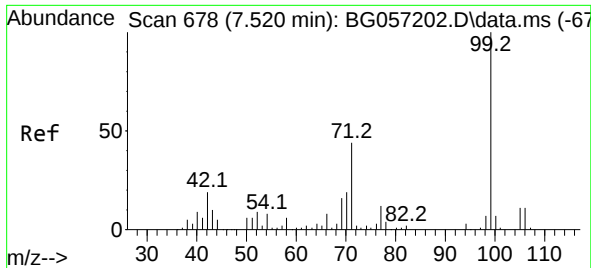
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#6
Aniline
Concen: 31.559 ng
RT: 7.666 min Scan# 703
Delta R.T. -0.008 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

Tgt Ion: 93 Resp: 58567
Ion Ratio Lower Upper
93 100
66 43.0 33.0 49.6
65 19.3 18.0 27.0





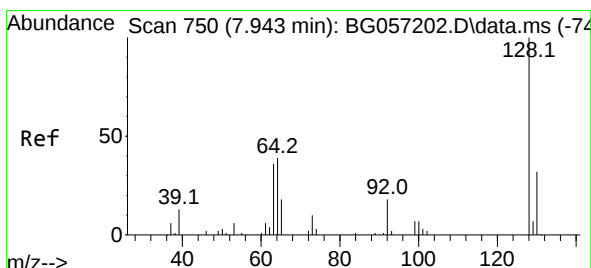
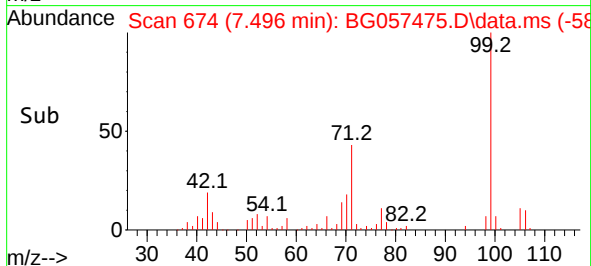
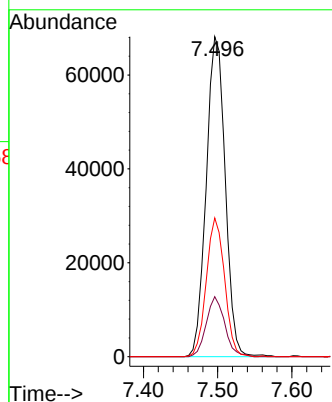
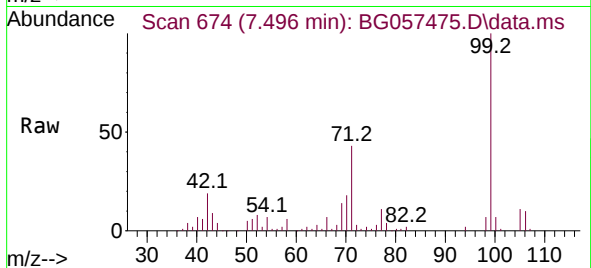
#7
Phenol-d6
Concen: 82.927 ng
RT: 7.496 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

Instrument :
BNA_G
ClientSampleId :
TP5MS

Tgt Ion: 99 Resp: 12131
Ion Ratio Lower Upper
99 100
42 18.8 15.1 22.7
71 43.4 35.2 52.8

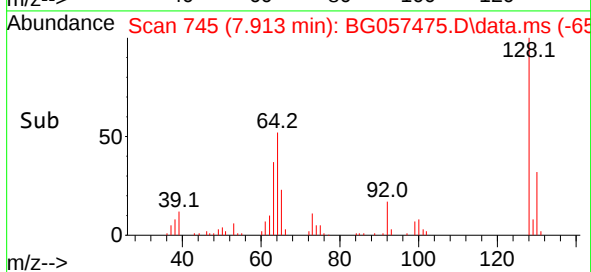
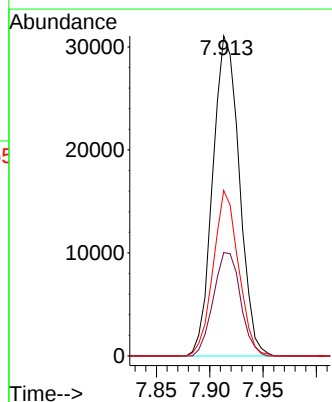
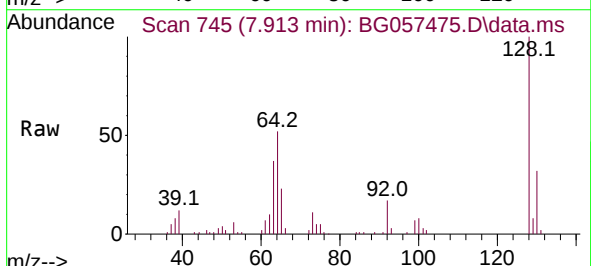
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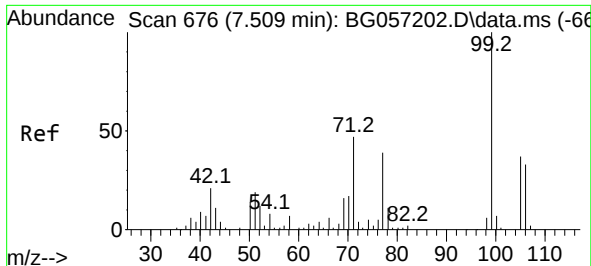
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#8
2-Chlorophenol
Concen: 52.771 ng
RT: 7.913 min Scan# 745
Delta R.T. -0.008 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

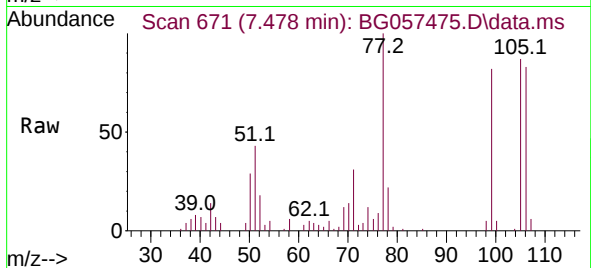
Tgt Ion:128 Resp: 53717
Ion Ratio Lower Upper
128 100
130 32.3 12.2 52.2
64 51.7 28.4 68.4





#9
Benzaldehyde
Concen: 52.715 ng
RT: 7.478 min Scan# 611
Delta R.T. -0.008 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

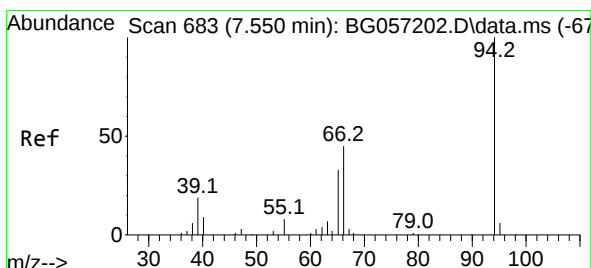
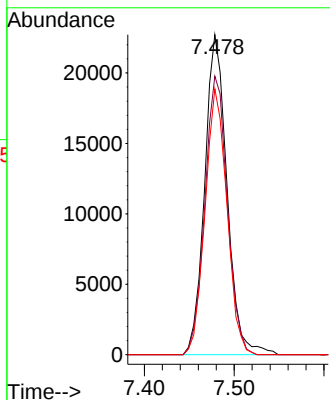
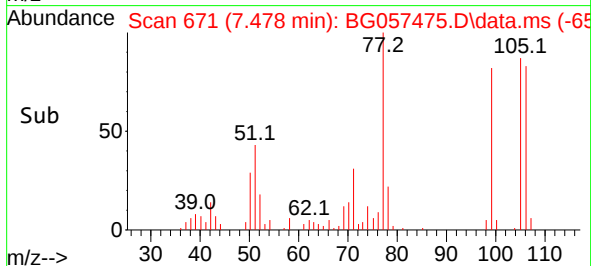
Instrument :
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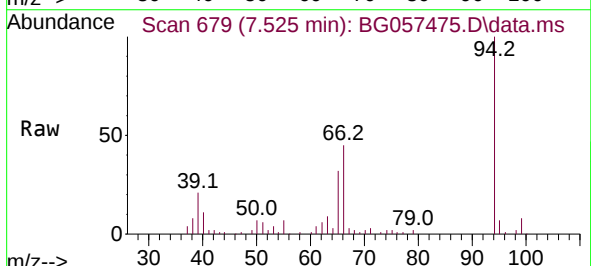
Tgt Ion: 77 Resp: 3917
Ion Ratio Lower Upper
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105 87.0 74.6 114.6
106 83.0 66.3 106.3

Manual Integrations
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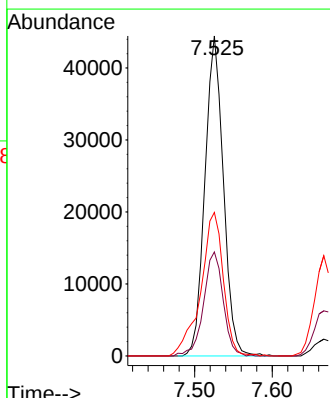
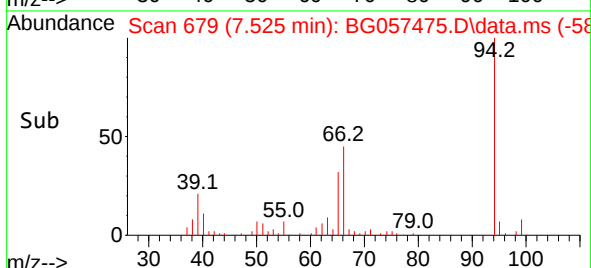
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023

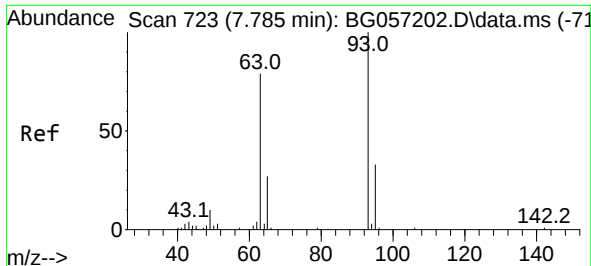


#10
Phenol
Concen: 51.626 ng
RT: 7.525 min Scan# 679
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14



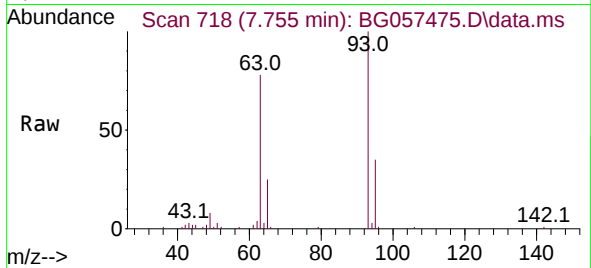
Tgt Ion: 94 Resp: 73621
Ion Ratio Lower Upper
94 100
65 32.5 13.5 53.5
66 44.9 26.7 66.7





#11
bis(2-Chloroethyl)ether
Concen: 44.507 ng
RT: 7.755 min Scan# 718
Delta R.T. -0.008 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

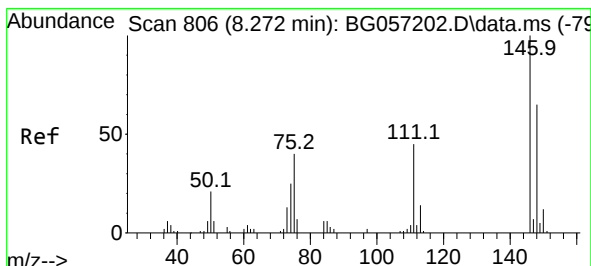
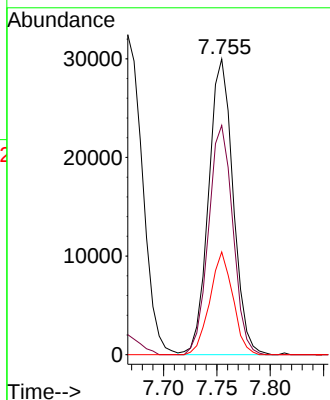
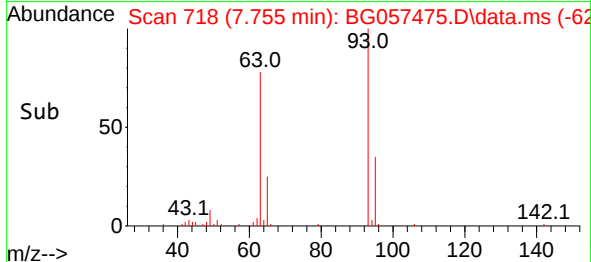
Instrument :
BNA_G
ClientSampleId :
TP5MS



Tgt Ion: 93 Resp: 47859
Ion Ratio Lower Upper
93 100
63 77.6 58.6 98.6
95 34.7 12.2 52.2

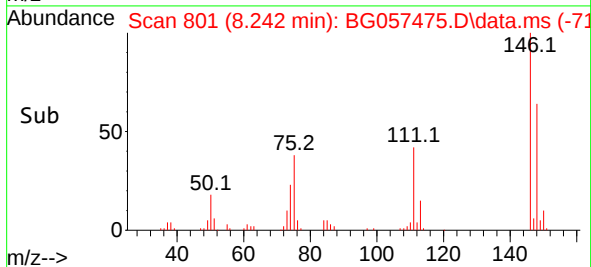
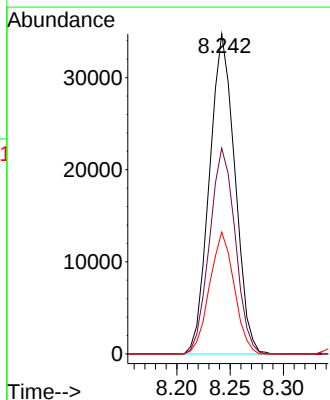
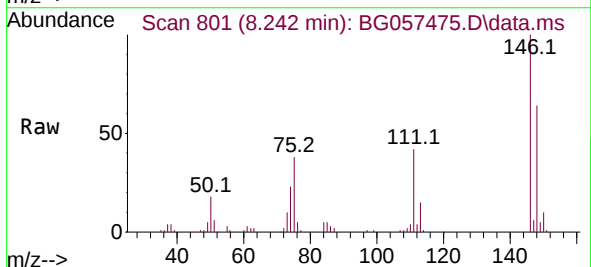
Manual Integrations
APPROVED

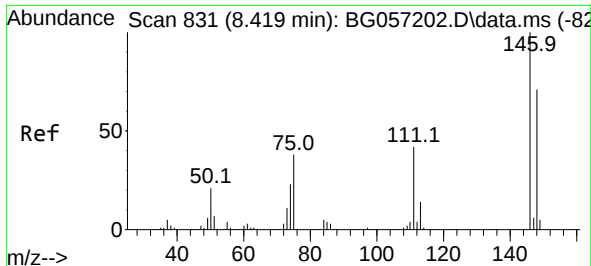
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#12
1,3-Dichlorobenzene
Concen: 51.336 ng
RT: 8.242 min Scan# 801
Delta R.T. -0.008 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

Tgt Ion:146 Resp: 57675
Ion Ratio Lower Upper
146 100
148 64.3 52.2 78.2
75 38.1 31.7 47.5





#13

1,4-Dichlorobenzene

Concen: 51.802 ng

RT: 8.389 min Scan# 81

Delta R.T. -0.008 min

Lab File: BG057475.D

Acq: 19 May 2023 20:14

Instrument :

BNA_G

ClientSampleId :

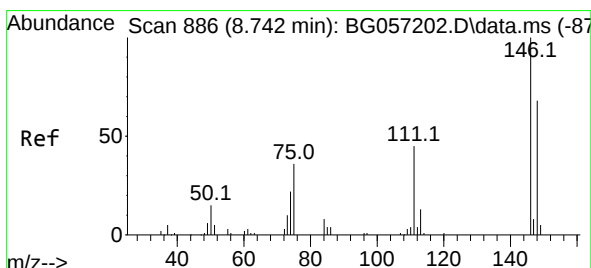
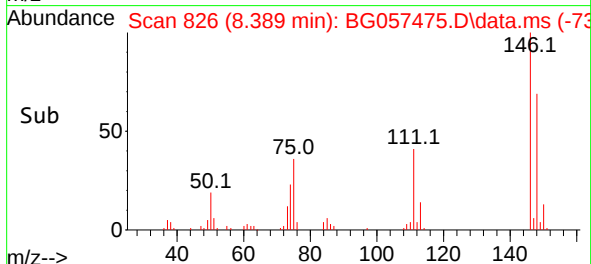
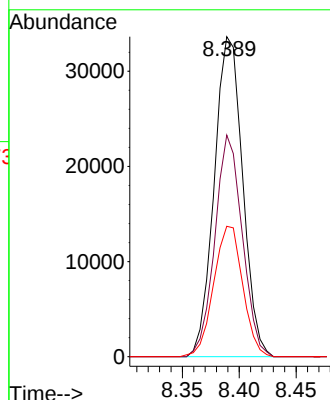
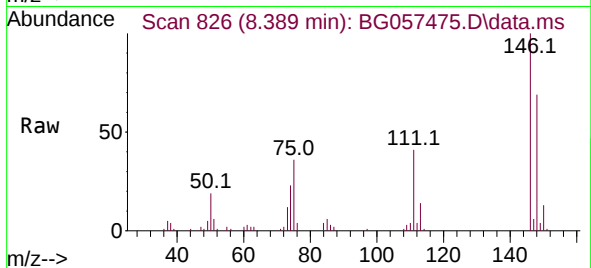
TP5MS

Tgt Ion:146 Resp: 58459
 Ion Ratio Lower Upper
 146 100
 148 69.3 56.4 84.6
 111 40.8 33.8 50.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/22/2023
 Supervised By :Jagrut Upadhyay 05/22/2023



#14

1,2-Dichlorobenzene

Concen: 51.288 ng

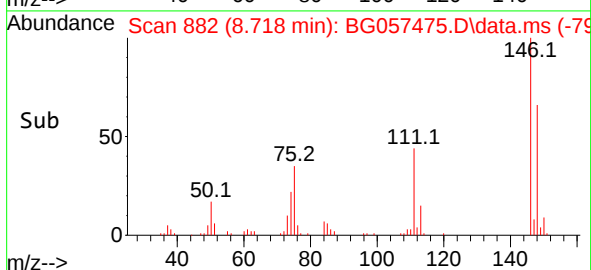
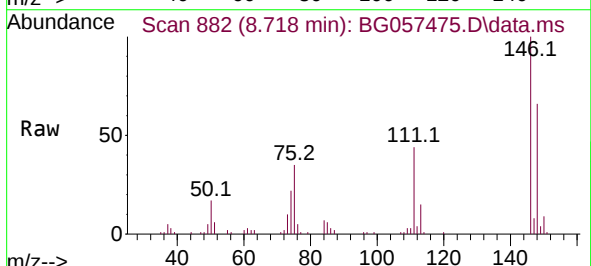
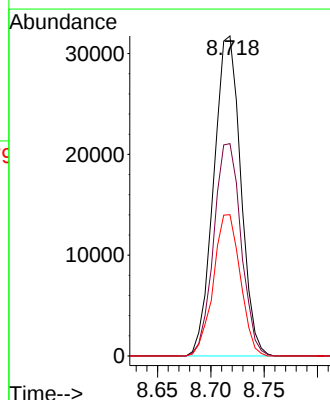
RT: 8.718 min Scan# 882

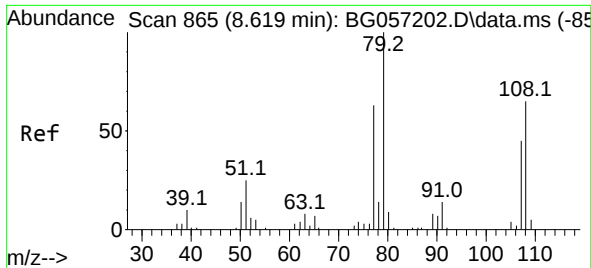
Delta R.T. -0.002 min

Lab File: BG057475.D

Acq: 19 May 2023 20:14

Tgt Ion:146 Resp: 55875
 Ion Ratio Lower Upper
 146 100
 148 66.4 54.6 82.0
 111 44.1 37.2 55.8





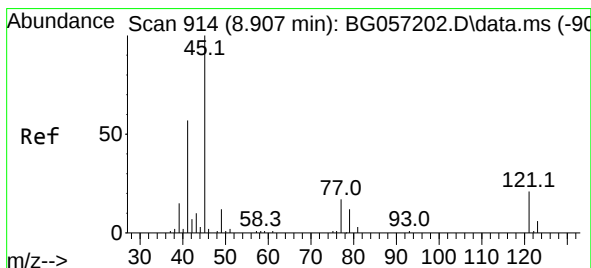
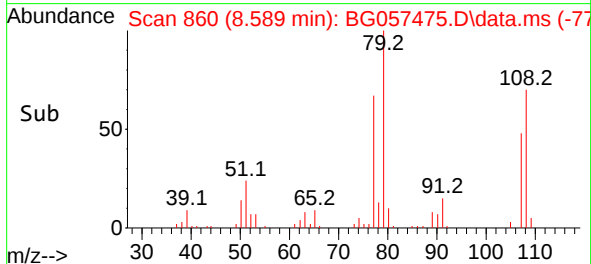
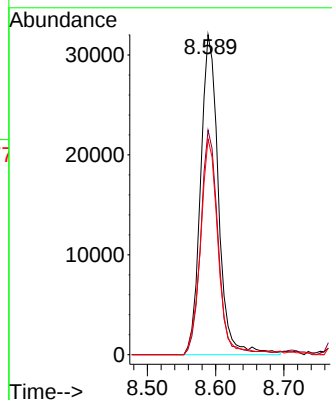
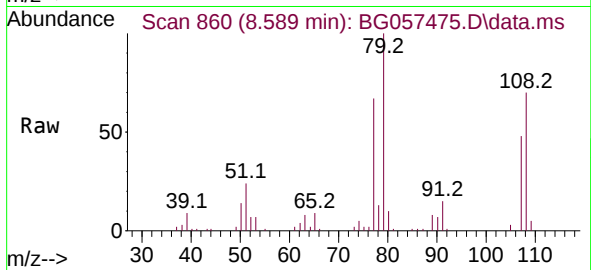
#15
Benzyl Alcohol
Concen: 47.817 ng
RT: 8.589 min Scan# 80
Delta R.T. -0.008 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

Instrument :
BNA_G
ClientSampleId :
TP5MS

Tgt Ion: 79 Resp: 58274
Ion Ratio Lower Upper
79 100
108 70.2 52.2 78.2
77 67.3 50.1 75.1

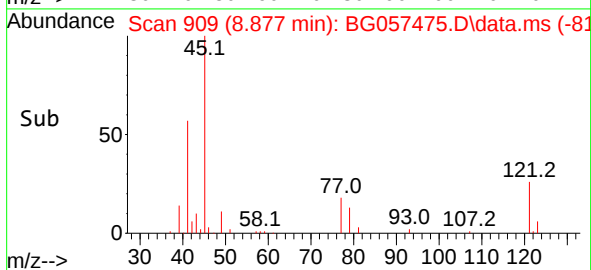
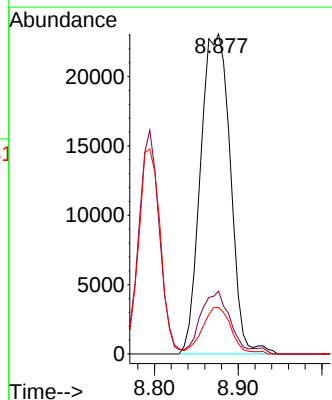
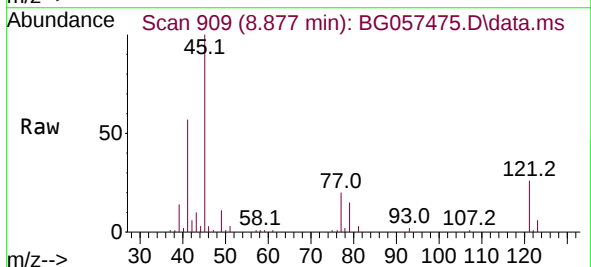
Manual Integrations
APPROVED

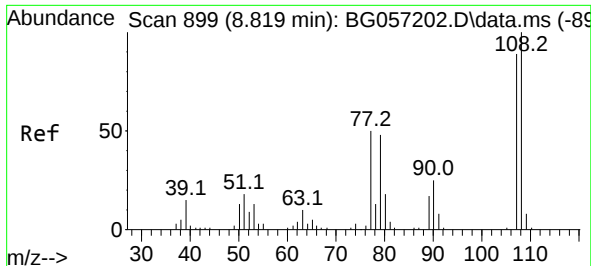
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.055 ng m
RT: 8.877 min Scan# 909
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

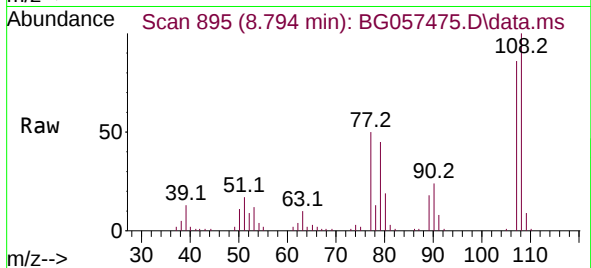
Tgt Ion: 45 Resp: 56999
Ion Ratio Lower Upper
45 100
77 19.7 0.0 38.5
79 14.5 0.0 33.8





#17
2-Methylphenol
Concen: 48.084 ng
RT: 8.794 min Scan# 899
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

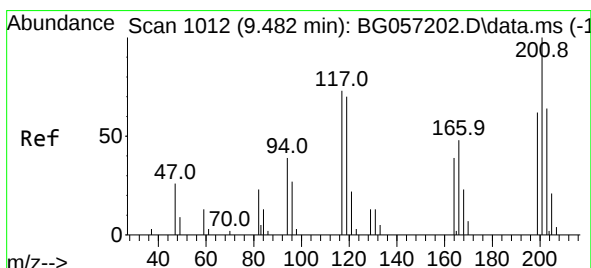
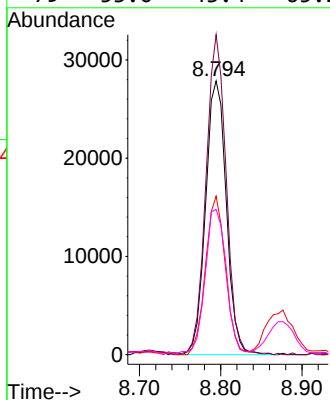
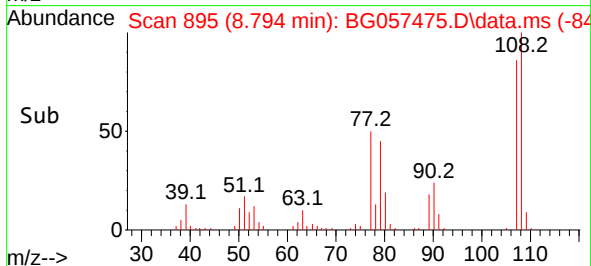
Instrument :
BNA_G
ClientSampleId :
TP5MS



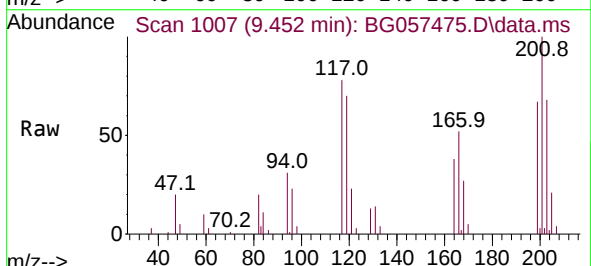
Tgt Ion:107 Resp: 49428
Ion Ratio Lower Upper
107 100
108 116.9 89.5 134.3
77 57.9 45.1 67.7
79 53.0 43.4 65.2

Manual Integrations
APPROVED

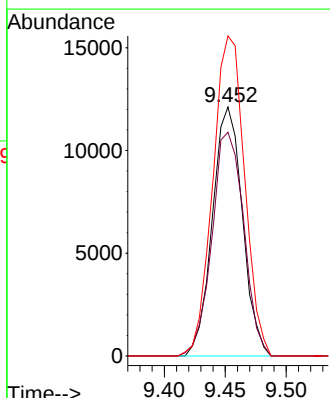
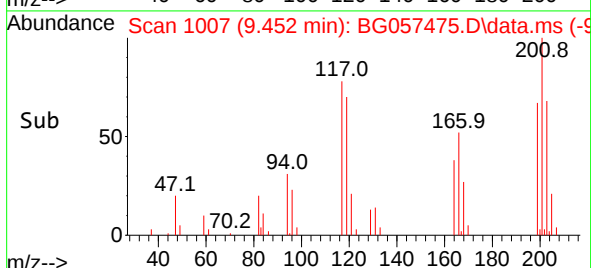
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023

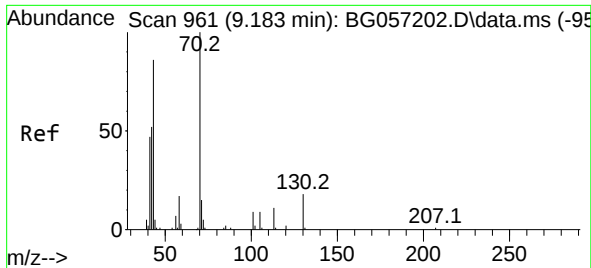


#18
Hexachloroethane
Concen: 50.924 ng
RT: 9.452 min Scan# 1007
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14



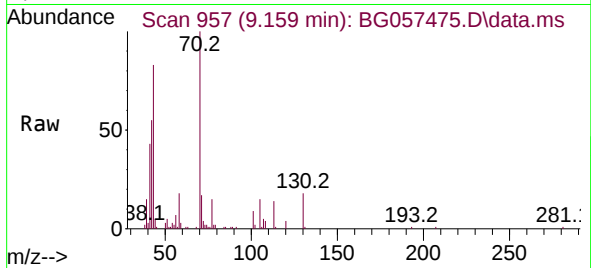
Tgt Ion:117 Resp: 20739
Ion Ratio Lower Upper
117 100
119 89.9 76.7 115.1
201 128.6 109.0 163.4





#19
n-Nitroso-di-n-propylamine
Concen: 40.773 ng
RT: 9.159 min Scan# 91
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

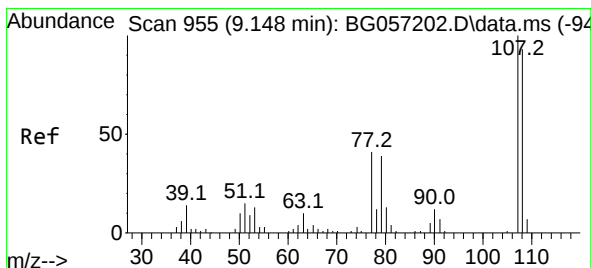
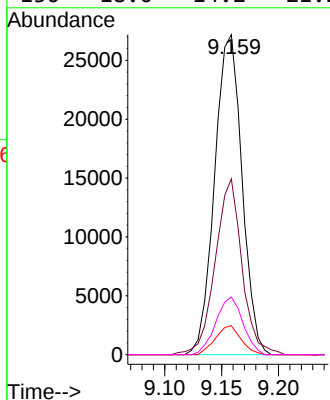
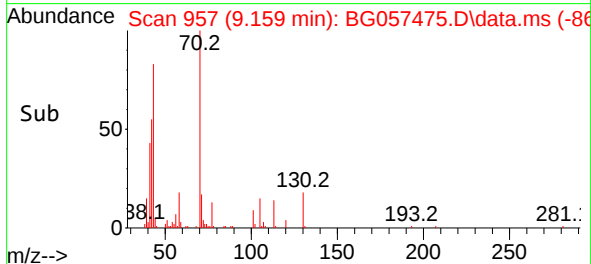
Instrument :
BNA_G
ClientSampleId :
TP5MS



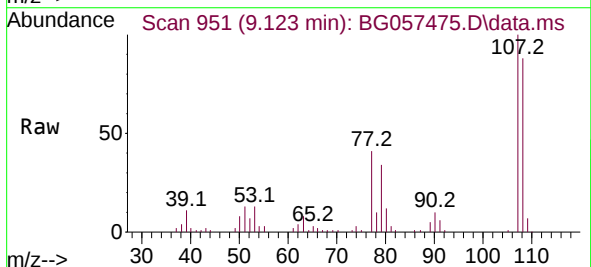
Tgt Ion: 70 Resp: 4548
Ion Ratio Lower Upper
70 100
42 54.9 41.8 62.8
101 9.1 6.8 10.2
130 18.0 14.2 21.2

Manual Integrations
APPROVED

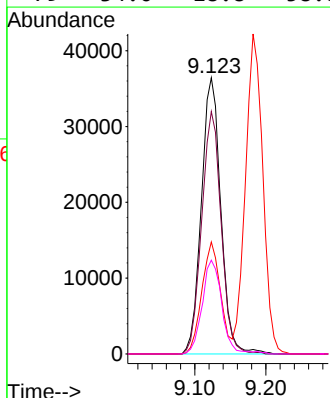
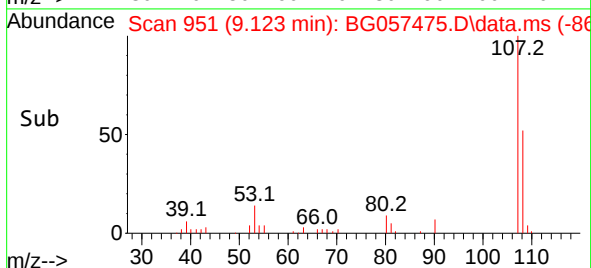
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023

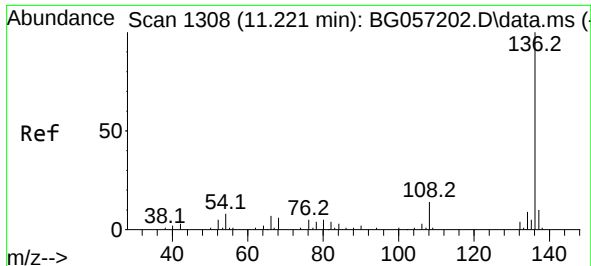


#20
3+4-Methylphenols
Concen: 49.441 ng
RT: 9.123 min Scan# 951
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14



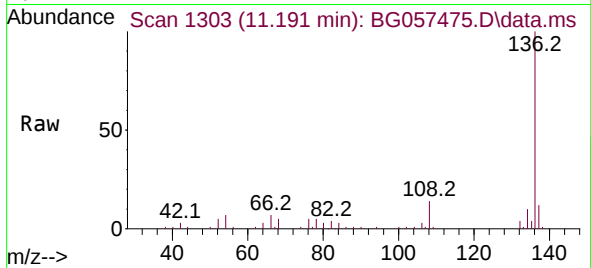
Tgt Ion:107 Resp: 69592
Ion Ratio Lower Upper
107 100
108 87.8 73.5 113.5
77 40.6 21.1 61.1
79 34.0 18.8 58.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.191 min Scan# 1119
Delta R.T. -0.008 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

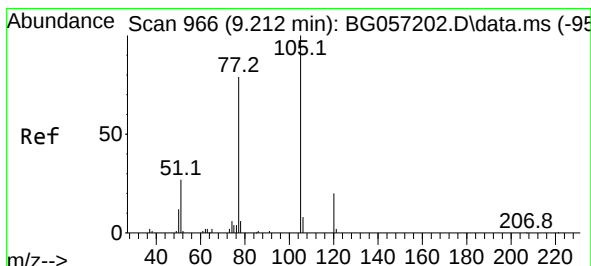
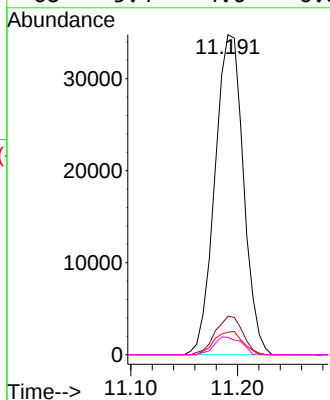
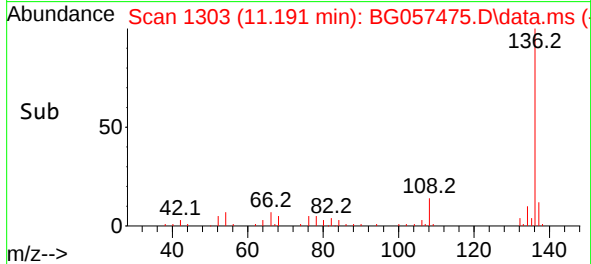
Instrument :
BNA_G
ClientSampleId :
TP5MS



Tgt Ion:136 Resp: 64580
Ion Ratio Lower Upper
136 100
137 12.0 8.3 12.5
54 7.0 6.7 10.1
68 5.4 4.6 6.8

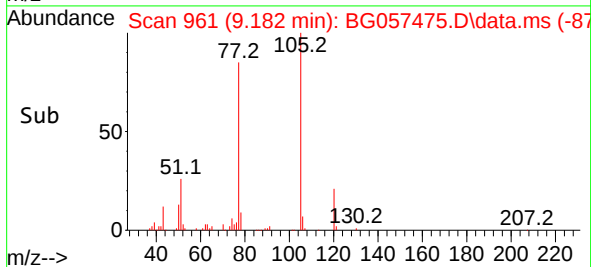
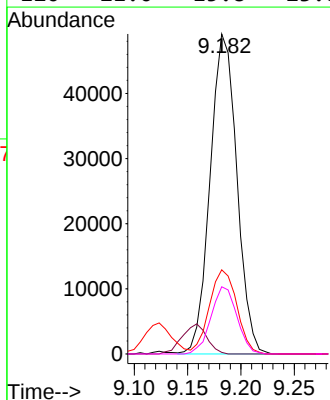
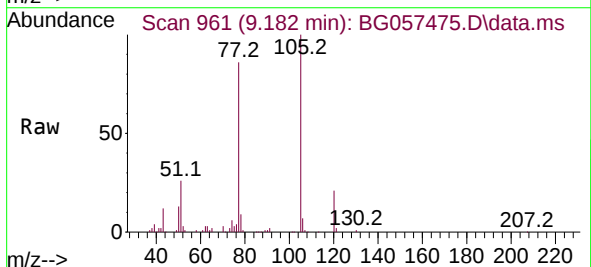
Manual Integrations
APPROVED

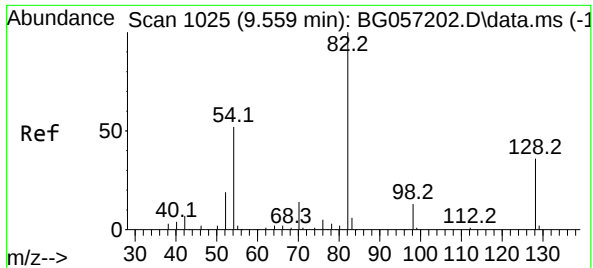
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#22
Acetophenone
Concen: 46.295 ng
RT: 9.182 min Scan# 961
Delta R.T. -0.008 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

Tgt Ion:105 Resp: 85571
Ion Ratio Lower Upper
105 100
71 0.5 0.4 0.6
51 26.3 24.0 36.0
120 21.0 15.8 23.8





#23
Nitrobenzene-d5
Concen: 48.645 ng
RT: 9.534 min Scan# 1021
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

Instrument :

BNA_G

ClientSampleId :

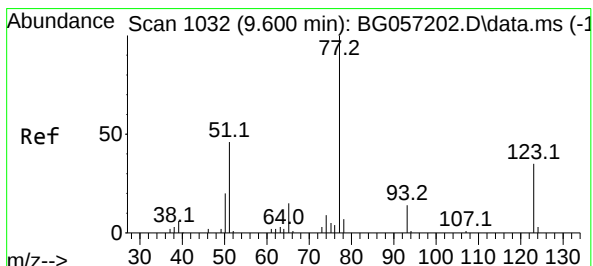
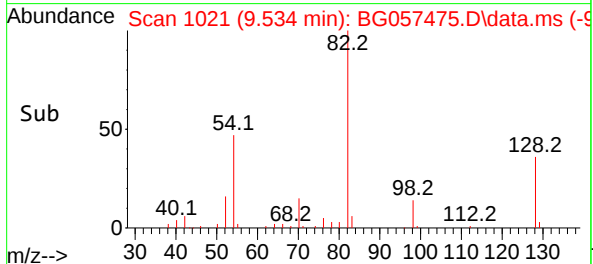
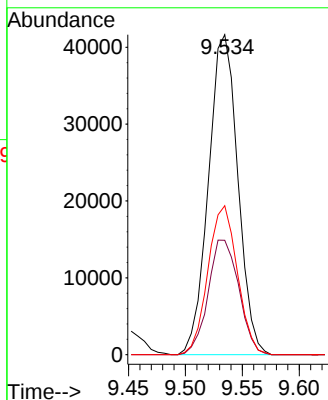
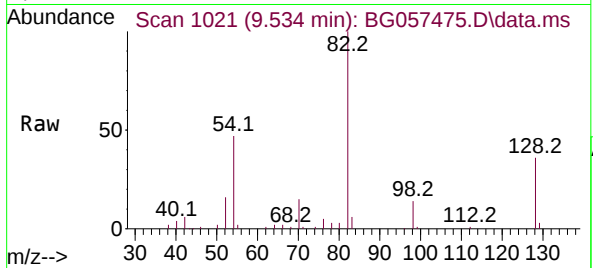
TP5MS

Tgt Ion: 82 Resp: 74849
Ion Ratio Lower Upper
82 100
128 35.7 29.0 43.4
54 46.6 41.4 62.0

Manual Integrations

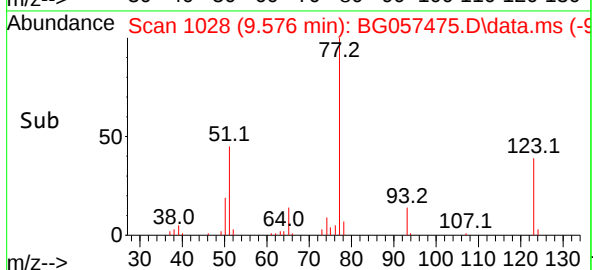
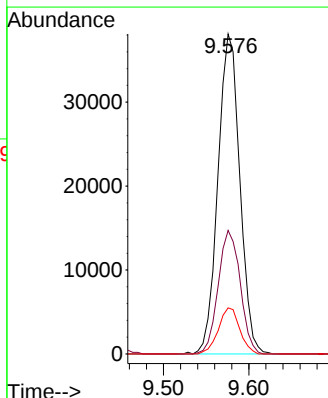
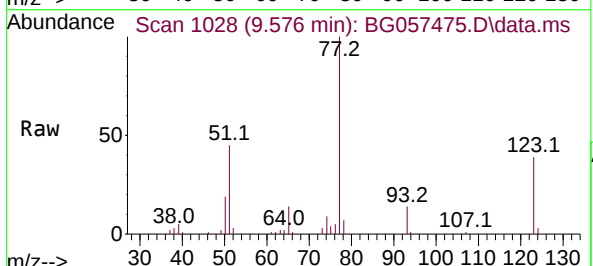
APPROVED

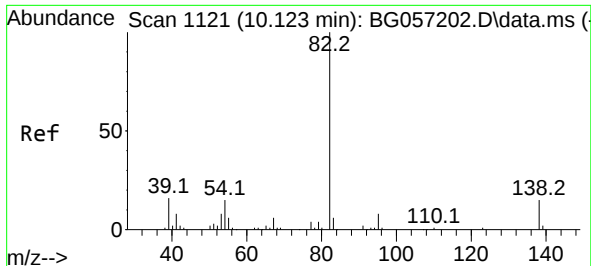
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#24
Nitrobenzene
Concen: 43.695 ng
RT: 9.576 min Scan# 1028
Delta R.T. -0.008 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

Tgt Ion: 77 Resp: 67860
Ion Ratio Lower Upper
77 100
123 38.6 28.2 42.2
65 14.4 11.7 17.5





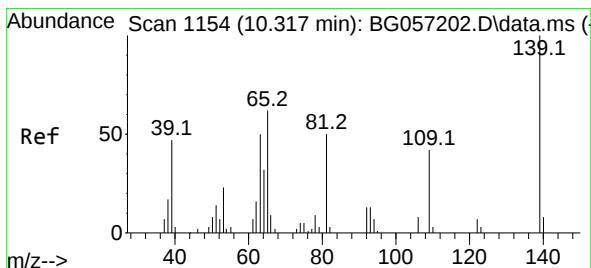
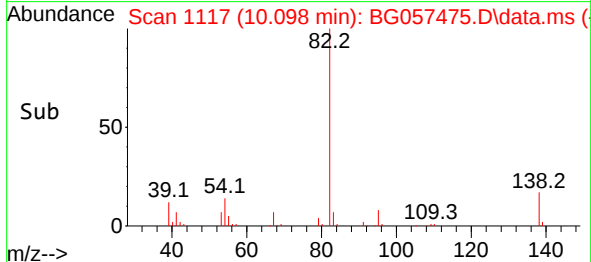
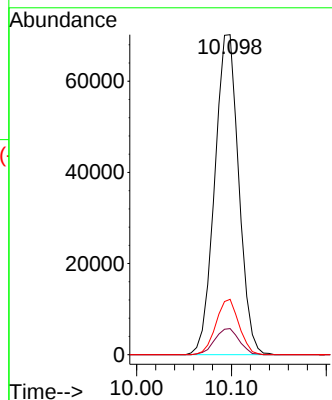
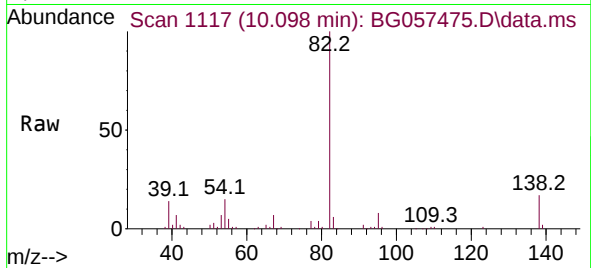
#25
Isophorone
Concen: 41.462 ng
RT: 10.098 min Scan# 1117
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

Instrument :
BNA_G
ClientSampleId :
TP5MS

Tgt Ion: 82 Resp: 123708
Ion Ratio Lower Upper
82 100
95 8.2 6.4 9.6
138 17.3 12.3 18.5

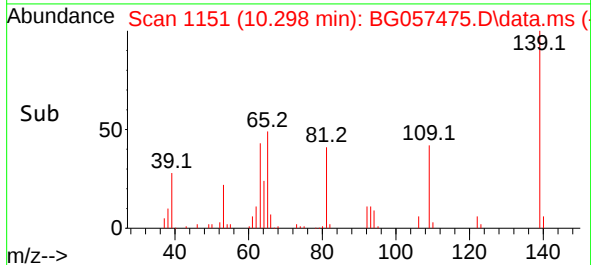
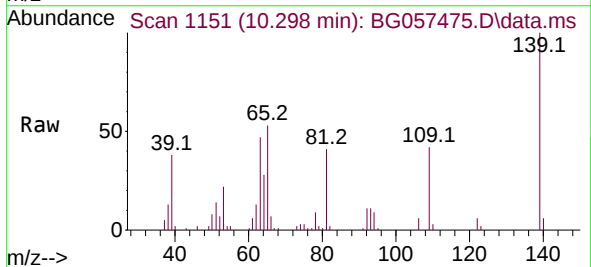
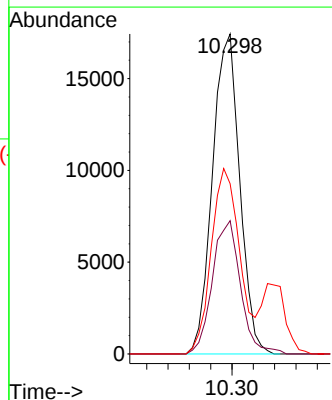
Manual Integrations
APPROVED

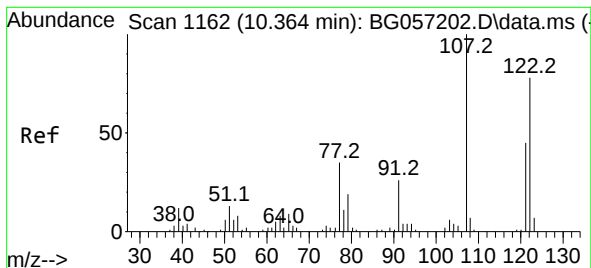
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#26
2-Nitrophenol
Concen: 51.911 ng
RT: 10.298 min Scan# 1151
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

Tgt Ion:139 Resp: 30859
Ion Ratio Lower Upper
139 100
109 41.7 33.4 50.2
65 53.2 49.8 74.6





#27
2,4-Dimethylphenol
Concen: 53.921 ng
RT: 10.339 min Scan# 1158
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

Instrument :

BNA_G

ClientSampleId :

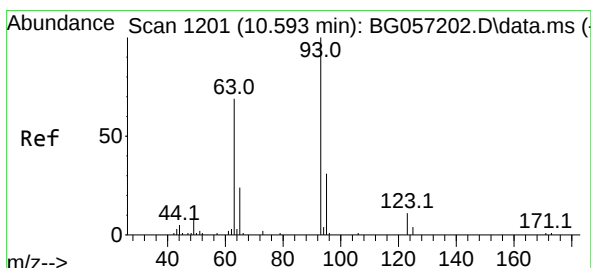
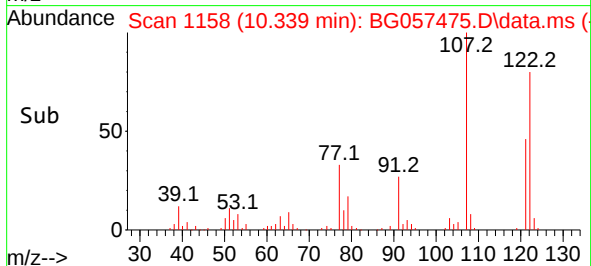
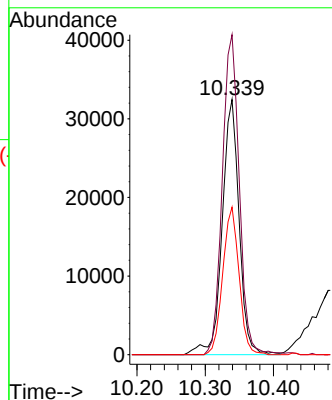
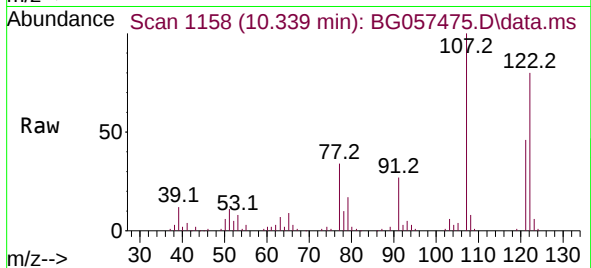
TP5MS

Tgt Ion:122 Resp: 5612
Ion Ratio Lower Upper
122 100
107 125.4 103.0 154.4
121 57.8 45.9 68.9

Manual Integrations

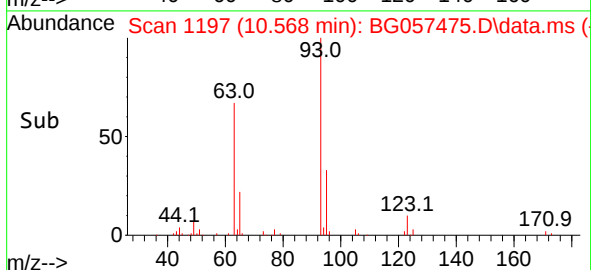
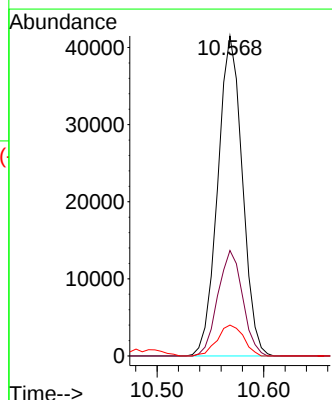
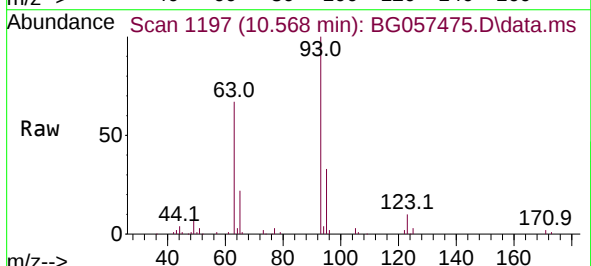
APPROVED

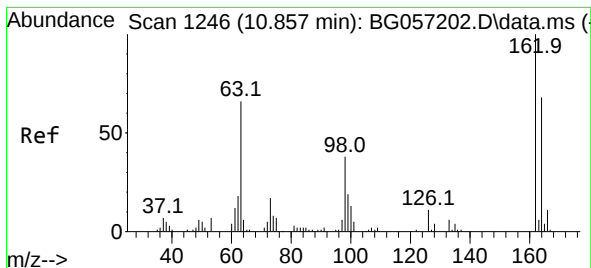
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#28
bis(2-Chloroethoxy)methane
Concen: 44.393 ng
RT: 10.568 min Scan# 1197
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

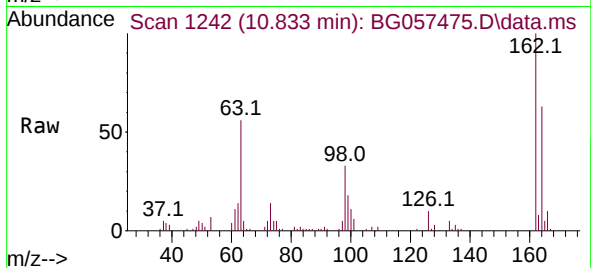
Tgt Ion: 93 Resp: 66356
Ion Ratio Lower Upper
93 100
95 32.9 25.0 37.6
123 9.7 8.5 12.7





#29
2,4-Dichlorophenol
Concen: 53.526 ng
RT: 10.833 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

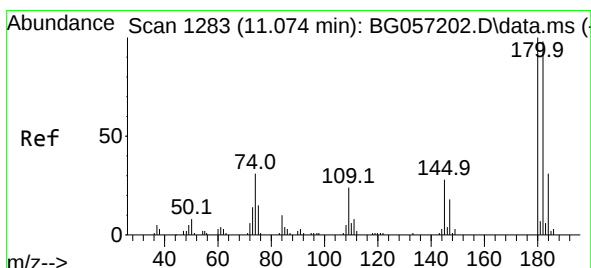
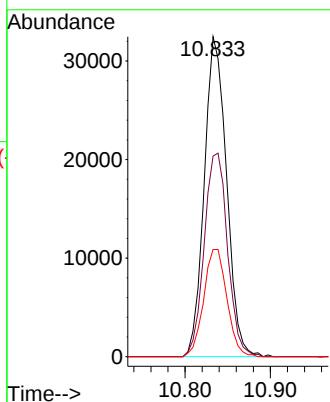
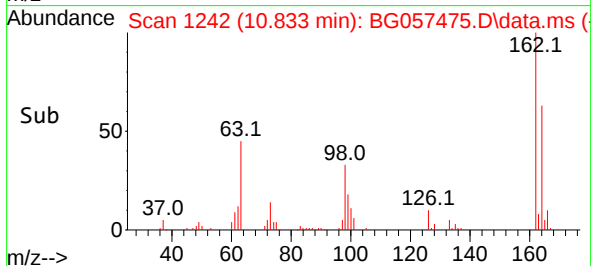
Instrument :
BNA_G
ClientSampleId :
TP5MS



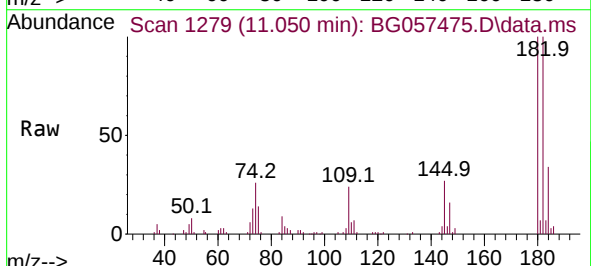
Tgt Ion:162 Resp: 59094
Ion Ratio Lower Upper
162 100
164 62.7 48.4 88.4
98 33.5 17.6 57.6

Manual Integrations
APPROVED

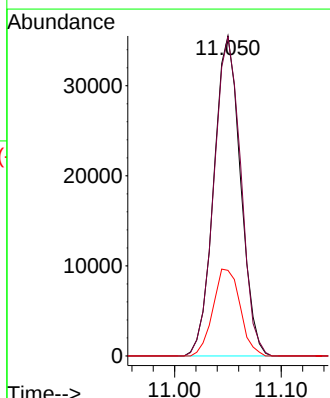
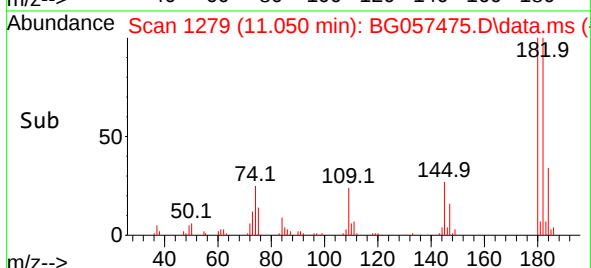
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023

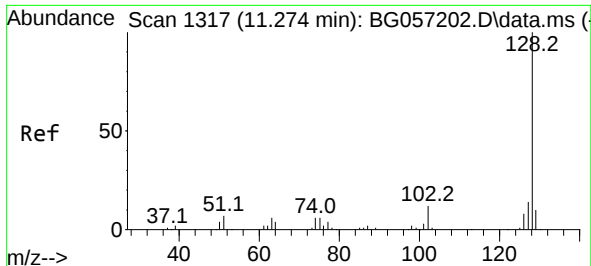


#30
1,2,4-Trichlorobenzene
Concen: 48.460 ng
RT: 11.050 min Scan# 1279
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14



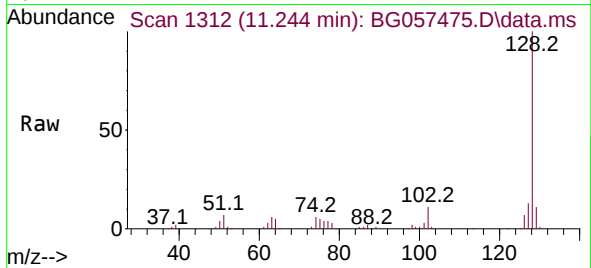
Tgt Ion:180 Resp: 61709
Ion Ratio Lower Upper
180 100
182 99.7 78.0 117.0
145 26.8 22.4 33.6





#31
Naphthalene
Concen: 46.933 ng
RT: 11.244 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

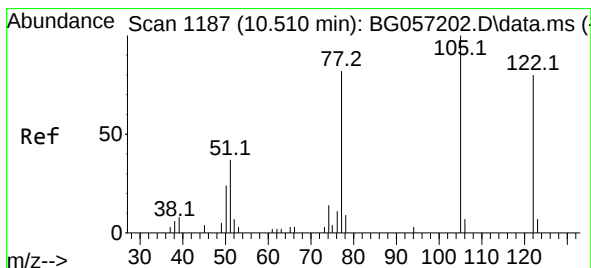
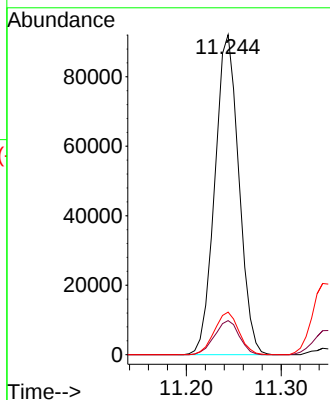
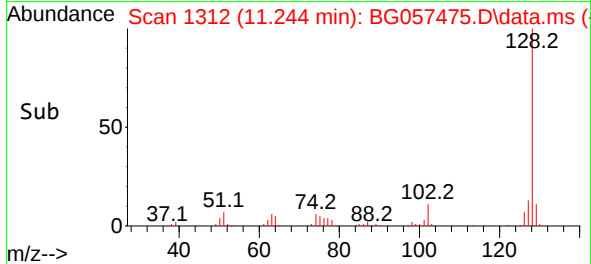
Instrument :
BNA_G
ClientSampleId :
TP5MS



Tgt Ion:128 Resp: 162030
Ion Ratio Lower Upper
128 100
129 10.7 8.3 12.5
127 13.3 11.1 16.7

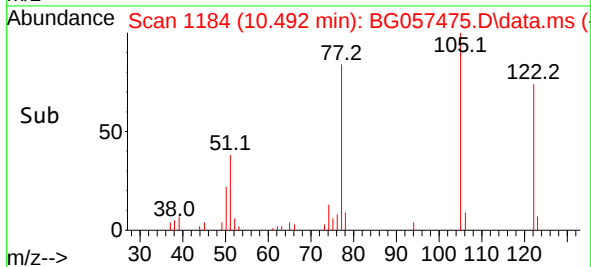
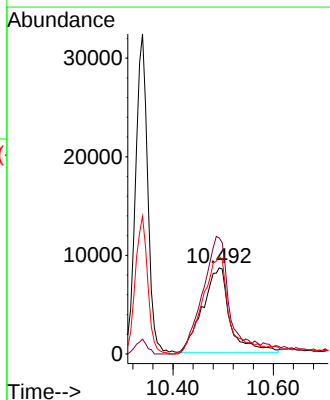
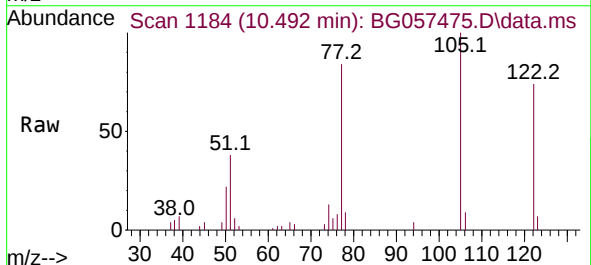
Manual Integrations
APPROVED

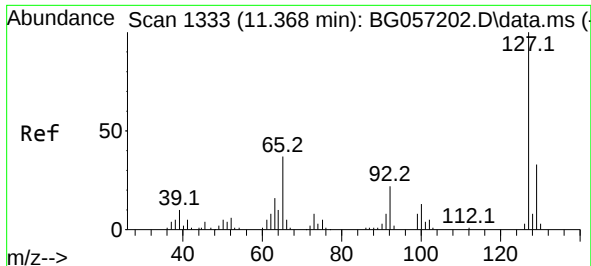
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#32
Benzoic acid
Concen: 53.422 ng
RT: 10.492 min Scan# 1184
Delta R.T. 0.004 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

Tgt Ion:122 Resp: 32421
Ion Ratio Lower Upper
122 100
105 135.1 105.2 145.2
77 113.5 83.1 123.1





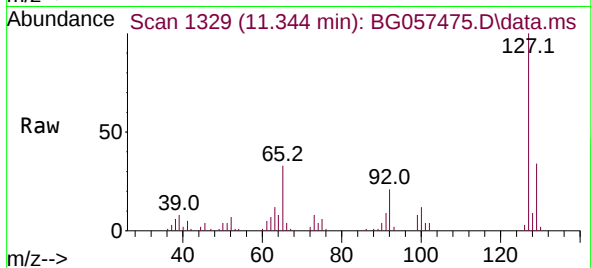
#33
4-Chloroaniline
Concen: 26.576 ng
RT: 11.344 min Scan# 1134
Delta R.T. -0.008 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

Instrument :

BNA_G

ClientSampleId :

TP5MS

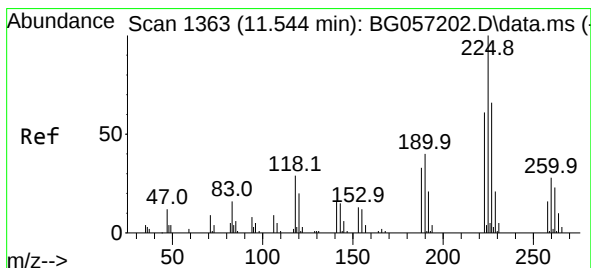
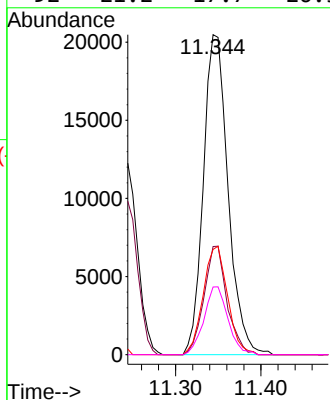
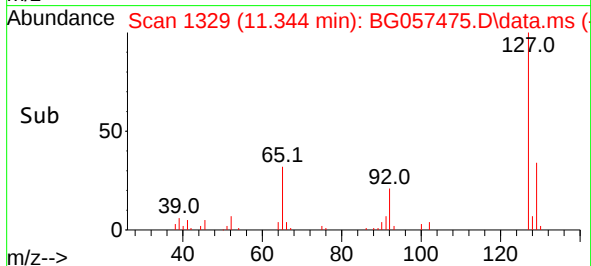


Tgt Ion:127 Resp: 41200
Ion Ratio Lower Upper
127 100
129 33.8 26.7 40.1
65 32.9 29.7 44.5
92 21.2 17.7 26.5

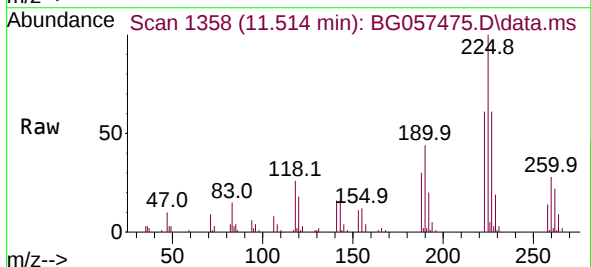
Manual Integrations

APPROVED

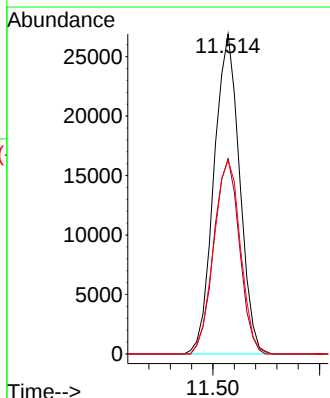
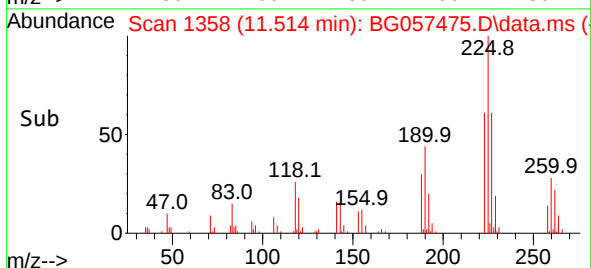
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023

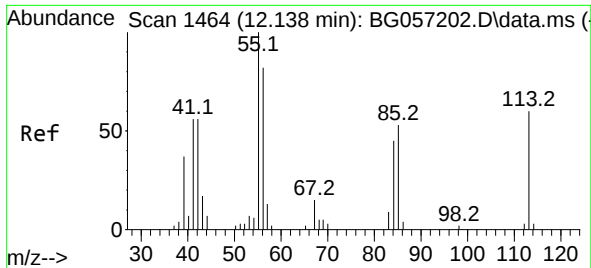


#34
Hexachlorobutadiene
Concen: 47.416 ng
RT: 11.514 min Scan# 1358
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14



Tgt Ion:225 Resp: 44802
Ion Ratio Lower Upper
225 100
223 61.0 48.6 72.8
227 60.6 52.7 79.1





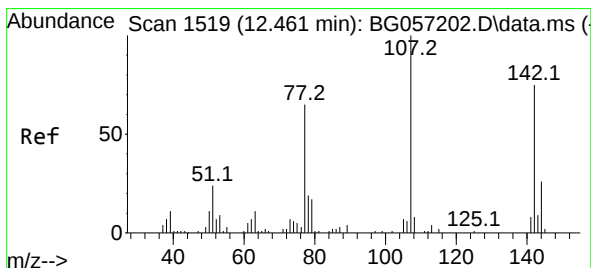
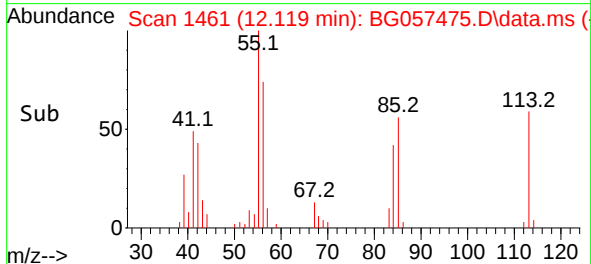
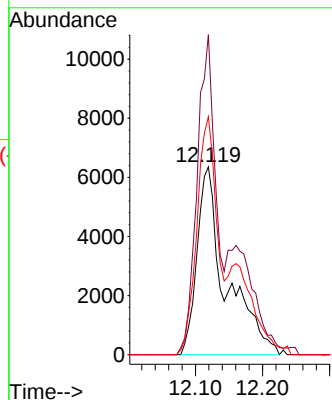
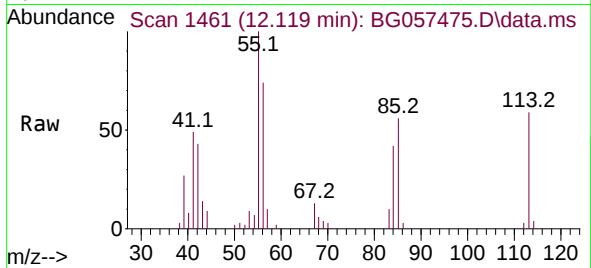
#35
Caprolactam
Concen: 50.336 ng m
RT: 12.119 min Scan# 1461
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

Instrument :
BNA_G
ClientSampleId :
TP5MS

Tgt Ion:113 Resp: 1898
Ion Ratio Lower Upper
113 100
55 170.3 145.5 185.5
56 126.6 115.9 155.9

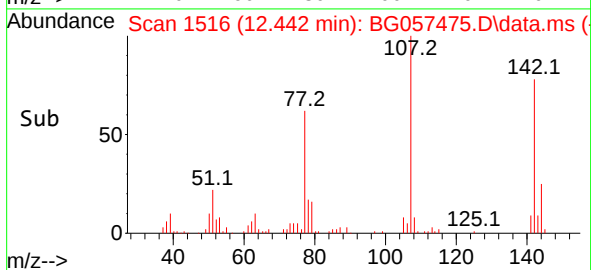
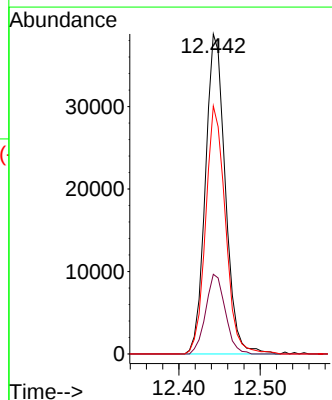
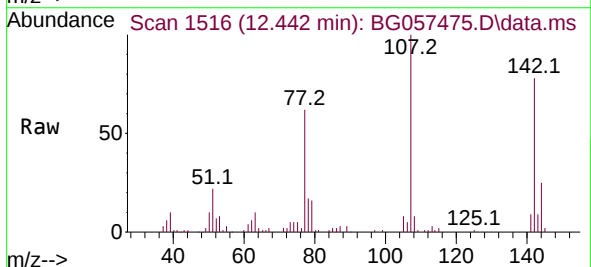
Manual Integrations
APPROVED

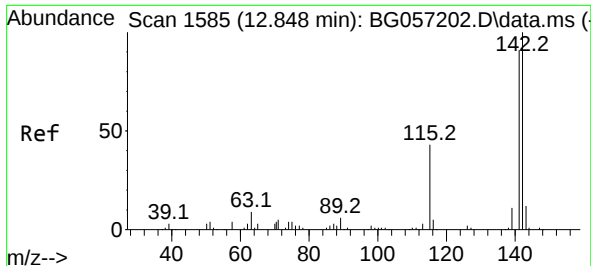
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#36
4-Chloro-3-methylphenol
Concen: 52.403 ng
RT: 12.442 min Scan# 1516
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

Tgt Ion:107 Resp: 65746
Ion Ratio Lower Upper
107 100
144 24.9 21.0 31.6
142 77.5 60.0 90.0





#37
2-Methylnaphthalene
Concen: 46.098 ng
RT: 12.824 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

Instrument :

BNA_G

ClientSampleId :

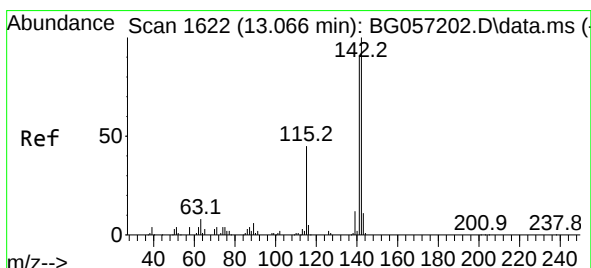
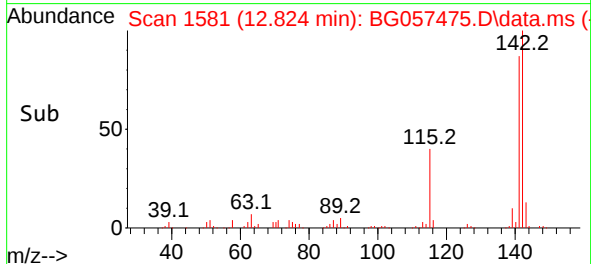
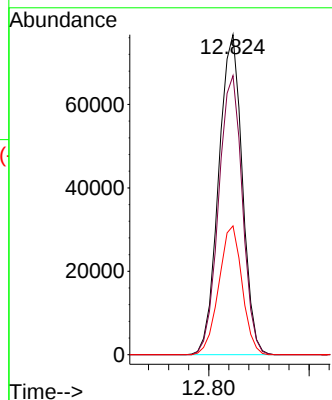
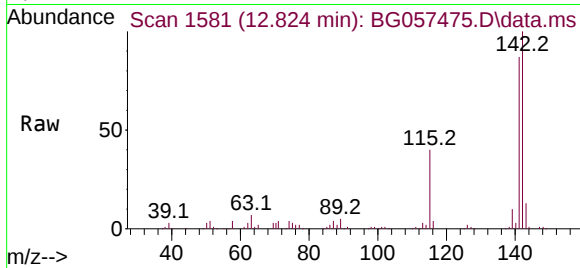
TP5MS

Tgt Ion:142 Resp: 12513
Ion Ratio Lower Upper
142 100
141 87.2 73.1 109.7
115 40.2 34.6 52.0

Manual Integrations

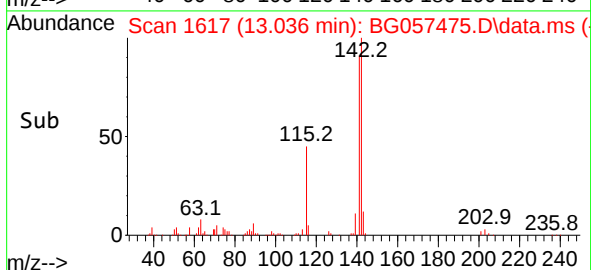
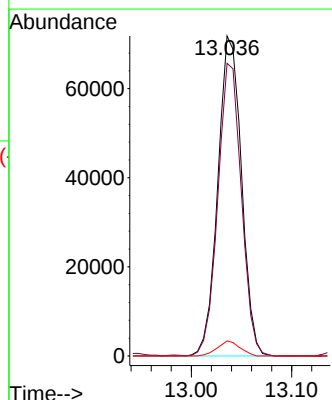
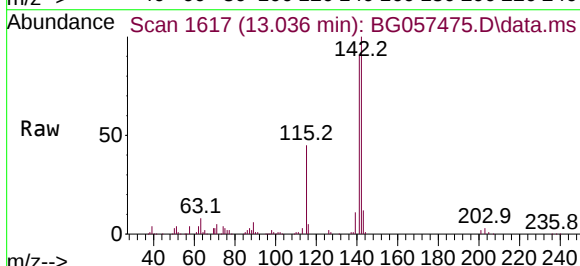
APPROVED

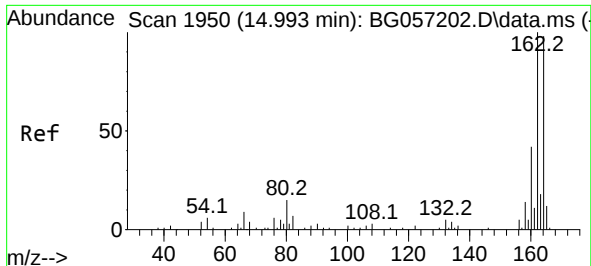
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#38
1-Methylnaphthalene
Concen: 45.787 ng
RT: 13.036 min Scan# 1617
Delta R.T. -0.008 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

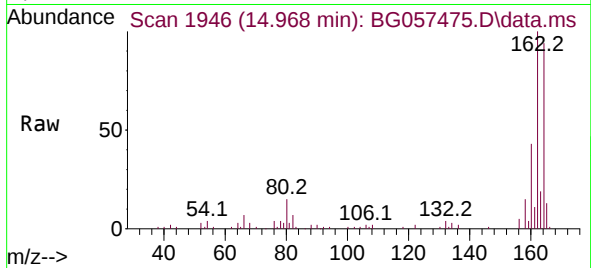
Tgt Ion:142 Resp: 117151
Ion Ratio Lower Upper
142 100
141 91.4 72.5 108.7
116 4.7 3.7 5.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.968 min Scan# 1950
Delta R.T. -0.008 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

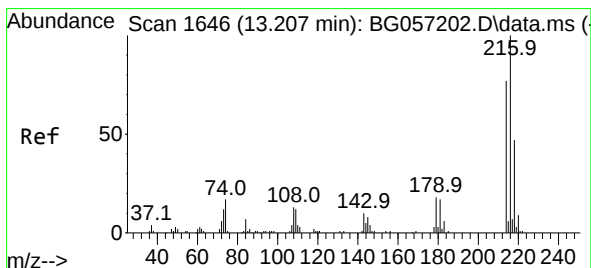
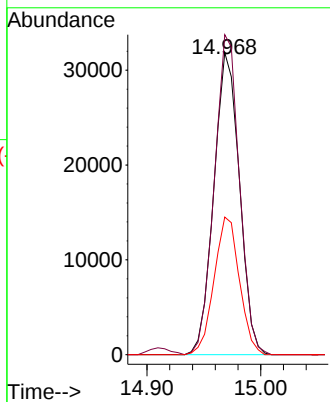
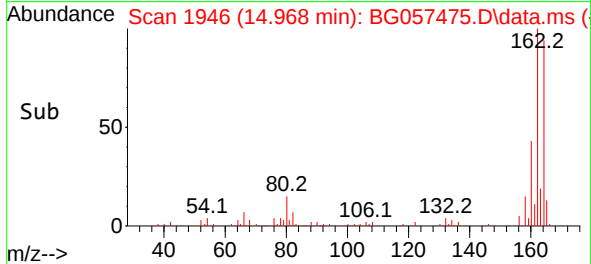
Instrument :
BNA_G
ClientSampleId :
TP5MS



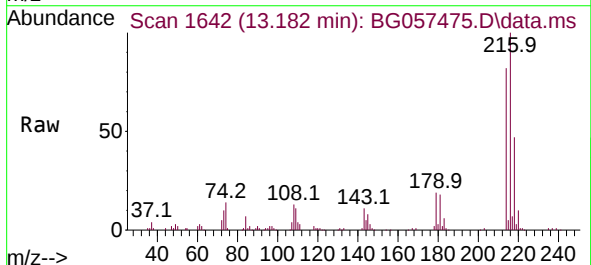
Tgt Ion:164 Resp: 4980
Ion Ratio Lower Upper
164 100
162 105.9 81.8 122.6
160 45.6 34.6 52.0

Manual Integrations
APPROVED

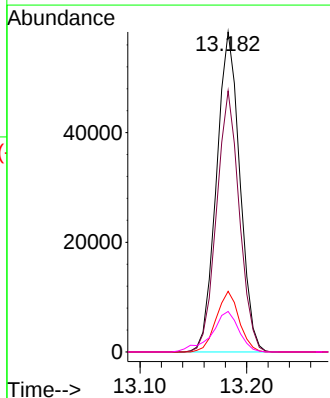
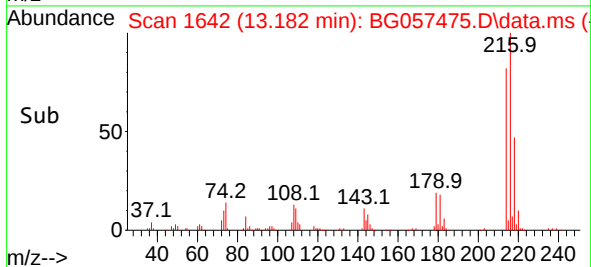
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023

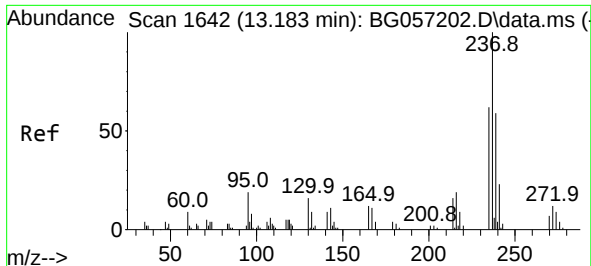


#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.065 ng
RT: 13.182 min Scan# 1642
Delta R.T. -0.008 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14



Tgt Ion:216 Resp: 88521
Ion Ratio Lower Upper
216 100
214 79.4 63.7 95.5
179 18.6 14.6 22.0
108 14.8 12.5 18.7





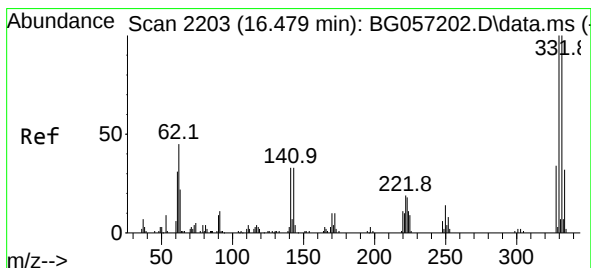
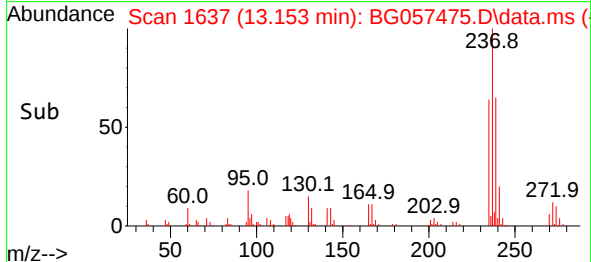
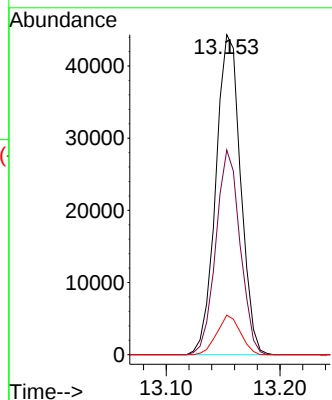
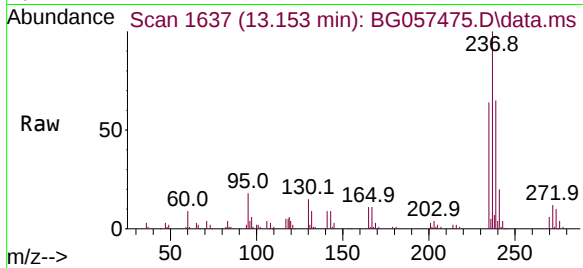
#41
Hexachlorocyclopentadiene
Concen: 79.191 ng
RT: 13.153 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

Instrument :
BNA_G
ClientSampleId :
TP5MS

Tgt Ion:237 Resp: 67244
Ion Ratio Lower Upper
237 100
235 63.9 42.0 82.0
272 12.3 0.0 31.5

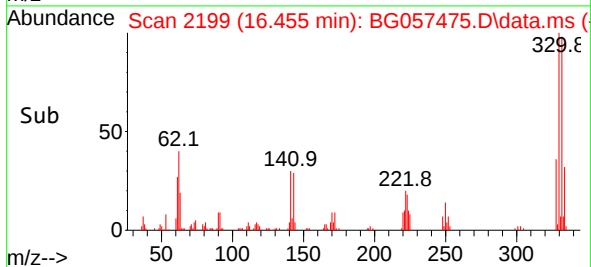
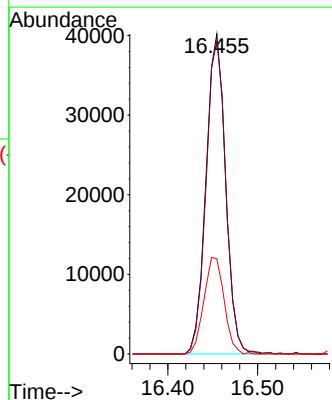
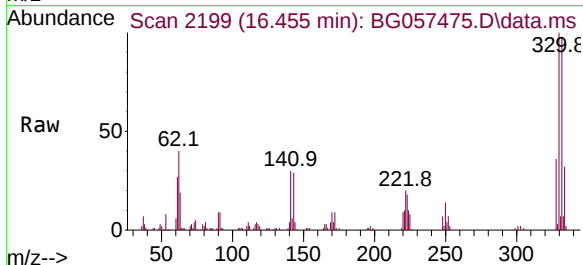
Manual Integrations
APPROVED

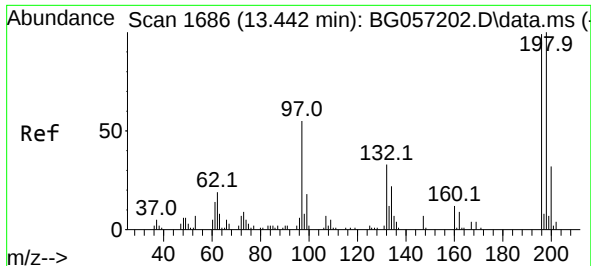
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#42
2,4,6-Tribromophenol
Concen: 85.913 ng
RT: 16.455 min Scan# 2199
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

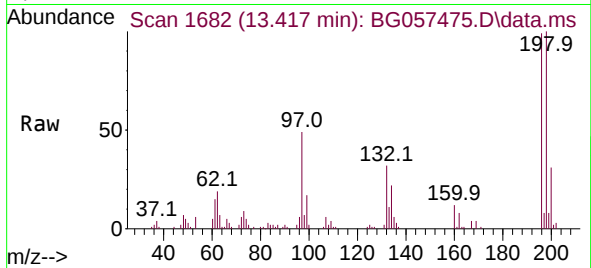
Tgt Ion:330 Resp: 60713
Ion Ratio Lower Upper
330 100
332 99.0 78.2 117.2
141 31.1 27.8 41.8





#43
2,4,6-Trichlorophenol
Concen: 53.861 ng
RT: 13.417 min Scan# 1682
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

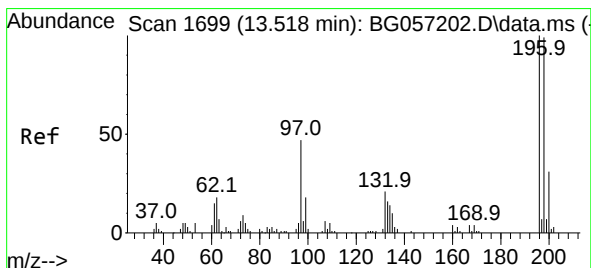
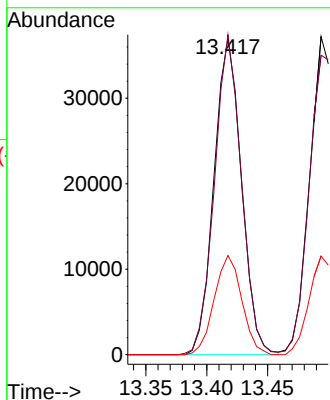
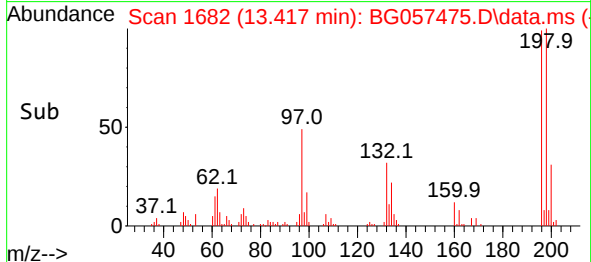
Instrument :
BNA_G
ClientSampleId :
TP5MS



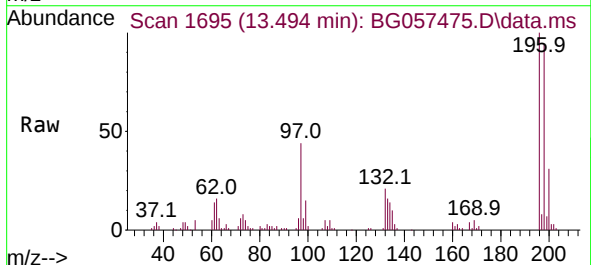
Tgt Ion:196 Resp: 58019
Ion Ratio Lower Upper
196 100
198 101.3 81.2 121.8
200 31.4 26.3 39.5

Manual Integrations
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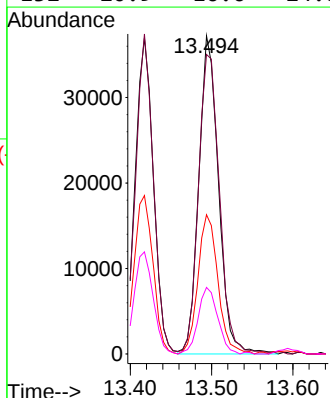
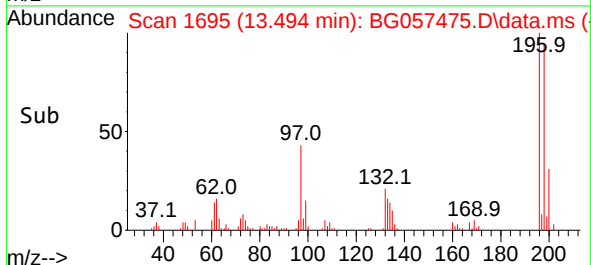
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023

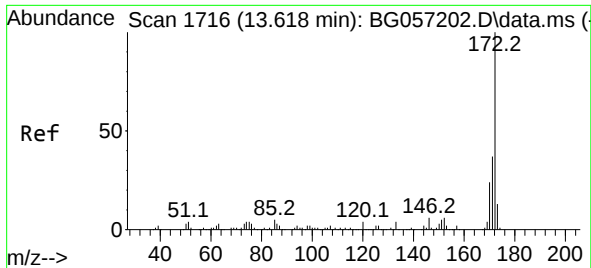


#44
2,4,5-Trichlorophenol
Concen: 49.622 ng
RT: 13.494 min Scan# 1695
Delta R.T. -0.008 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14



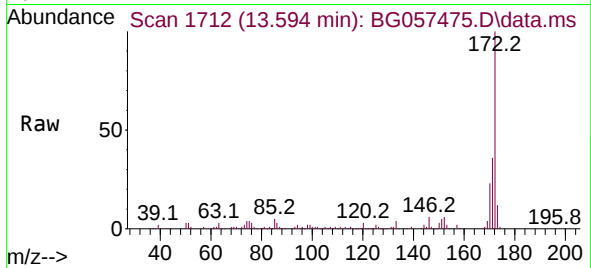
Tgt Ion:196 Resp: 62876
Ion Ratio Lower Upper
196 100
198 94.2 79.4 119.2
97 43.8 37.0 55.4
132 20.9 16.6 24.8





#45
2-Fluorobiphenyl
Concen: 51.030 ng
RT: 13.594 min Scan# 1712
Delta R.T. -0.008 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

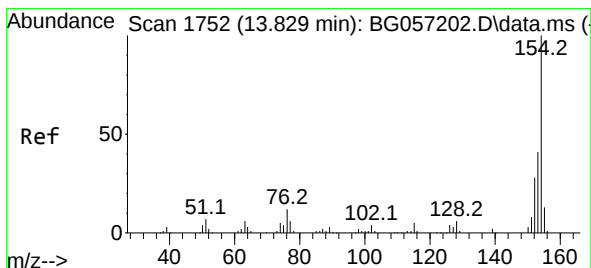
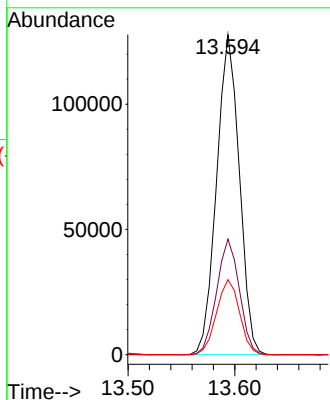
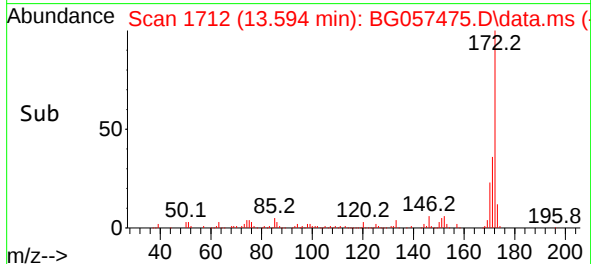
Instrument :
BNA_G
ClientSampleId :
TP5MS



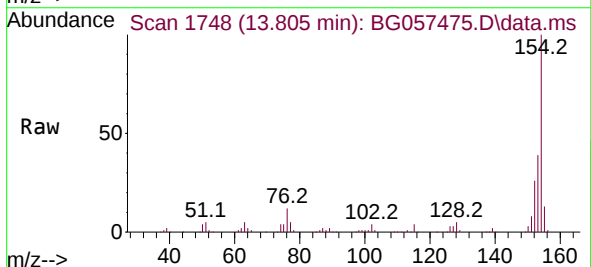
Tgt Ion:172 Resp: 188709
Ion Ratio Lower Upper
172 100
171 36.1 29.4 44.0
170 23.5 19.0 28.6

Manual Integrations
APPROVED

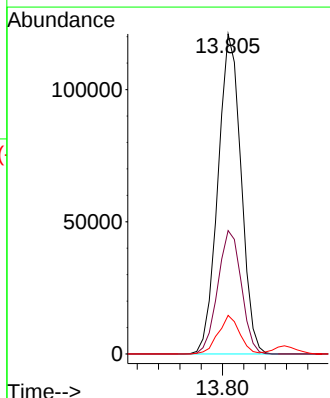
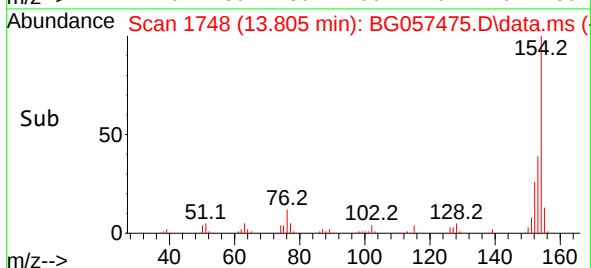
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023

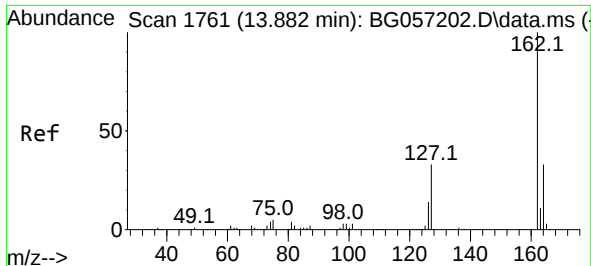


#46
1,1'-Biphenyl
Concen: 49.127 ng
RT: 13.805 min Scan# 1748
Delta R.T. -0.008 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14



Tgt Ion:154 Resp: 181559
Ion Ratio Lower Upper
154 100
153 38.5 20.9 60.9
76 12.1 0.0 31.7





#47

2-Chloronaphthalene

Concen: 50.323 ng

RT: 13.858 min Scan# 1757

Delta R.T. -0.008 min

Lab File: BG057475.D

Acq: 19 May 2023 20:14

Instrument :

BNA_G

ClientSampleId :

TP5MS

Tgt Ion:162 Resp: 138300

Ion Ratio Lower Upper

162 100

127 35.6 29.8 44.6

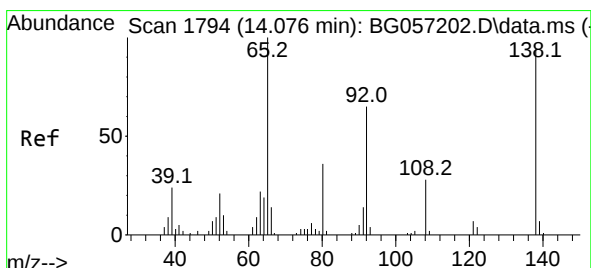
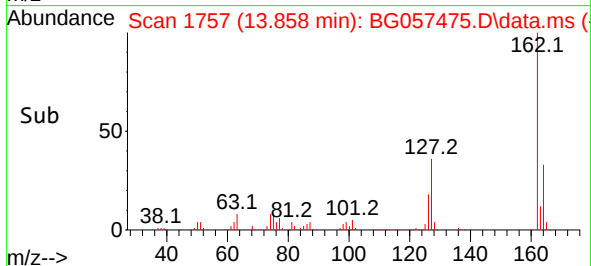
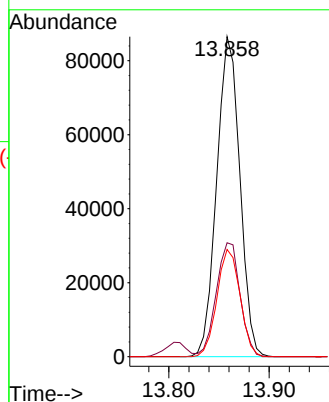
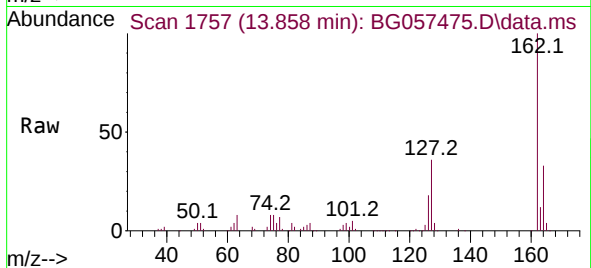
164 33.5 26.6 40.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/22/2023

Supervised By :Jagrut Upadhyay 05/22/2023



#48

2-Nitroaniline

Concen: 48.489 ng

RT: 14.058 min Scan# 1791

Delta R.T. -0.002 min

Lab File: BG057475.D

Acq: 19 May 2023 20:14

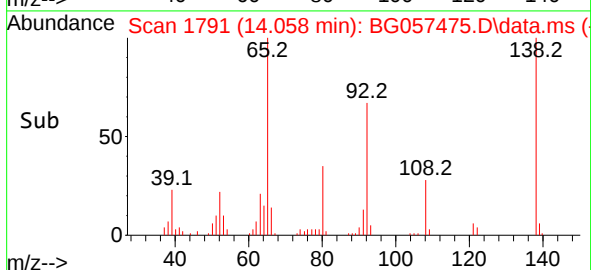
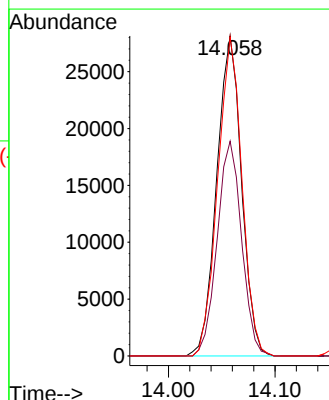
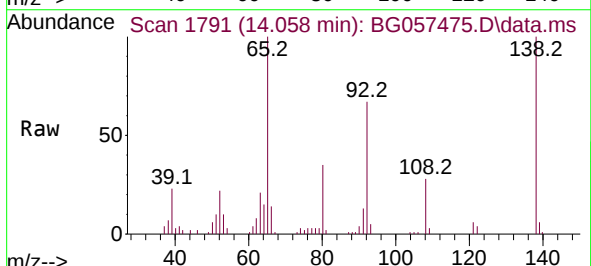
Tgt Ion: 65 Resp: 45310

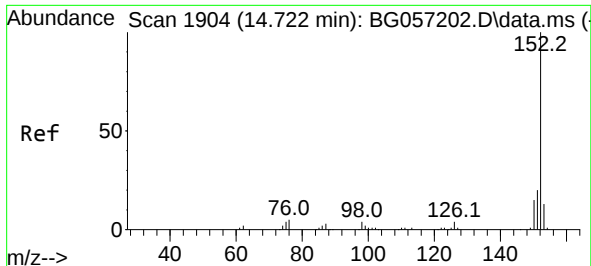
Ion Ratio Lower Upper

65 100

92 67.1 52.1 78.1

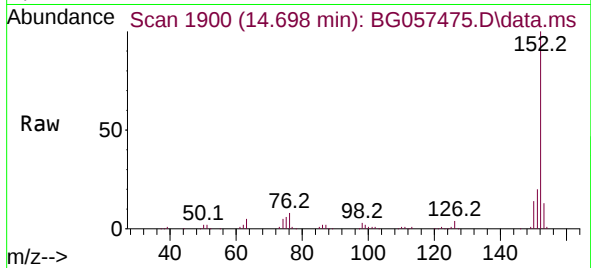
138 99.7 75.3 112.9





#49
Acenaphthylene
Concen: 48.581 ng
RT: 14.698 min Scan# 1900
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

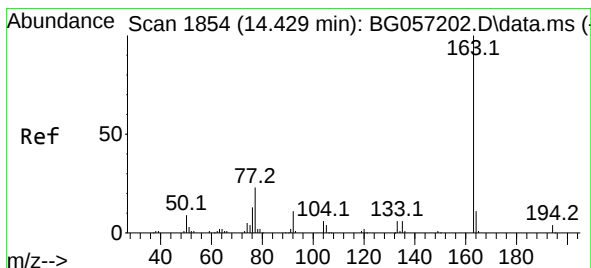
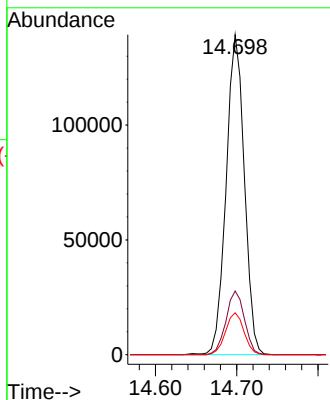
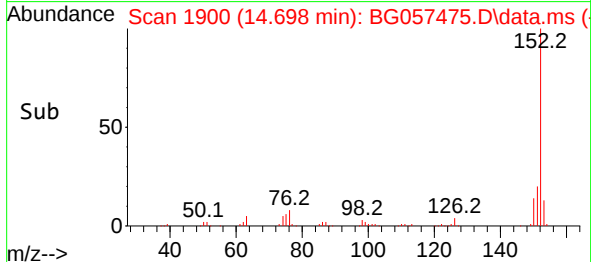
Instrument :
BNA_G
ClientSampleId :
TP5MS



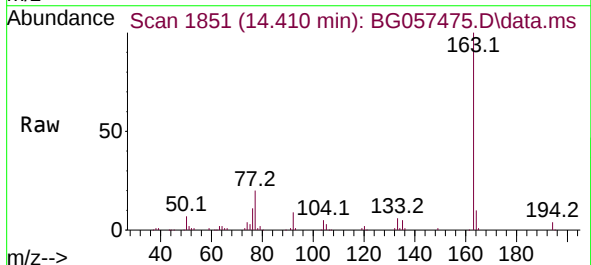
Tgt Ion:152 Resp: 21690
Ion Ratio Lower Upper
152 100
151 19.9 16.0 24.0
153 13.1 10.7 16.1

Manual Integrations
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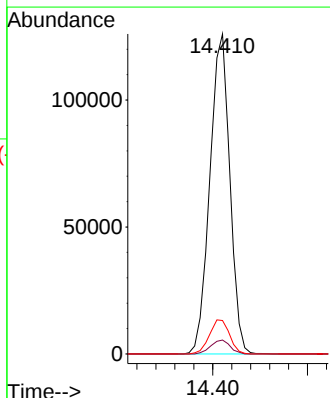
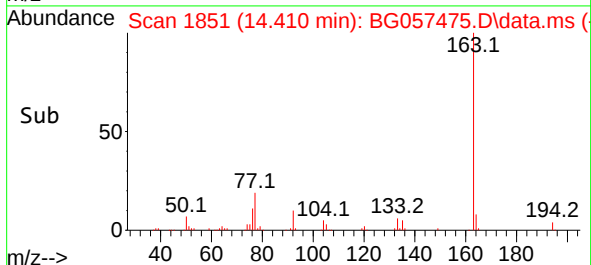
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023

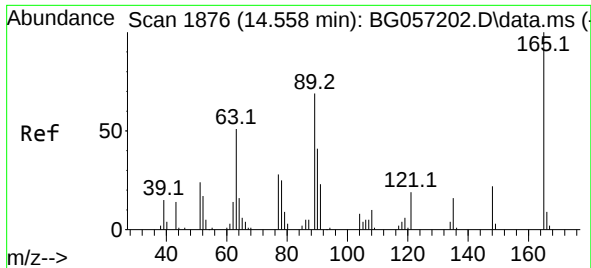


#50
Dimethylphthalate
Concen: 45.056 ng
RT: 14.410 min Scan# 1851
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14



Tgt Ion:163 Resp: 184403
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.5 8.8 13.2





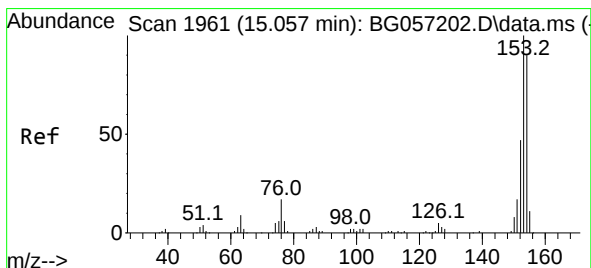
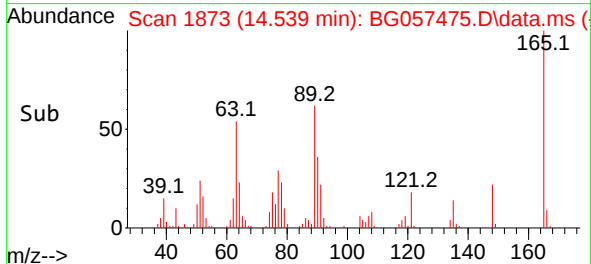
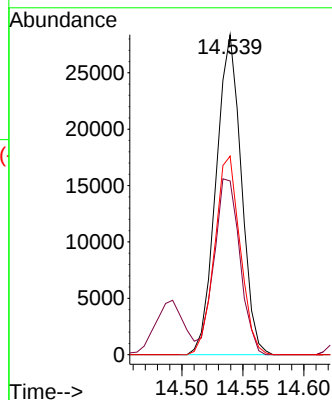
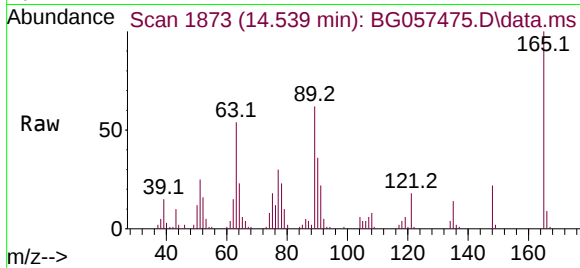
#51
2,6-Dinitrotoluene
Concen: 48.832 ng
RT: 14.539 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

Instrument :
BNA_G
ClientSampleId :
TP5MS

Tgt Ion:165 Resp: 40800
Ion Ratio Lower Upper
165 100
63 54.3 50.9 76.3
89 62.0 55.2 82.8

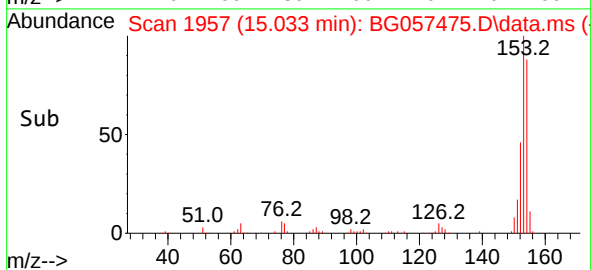
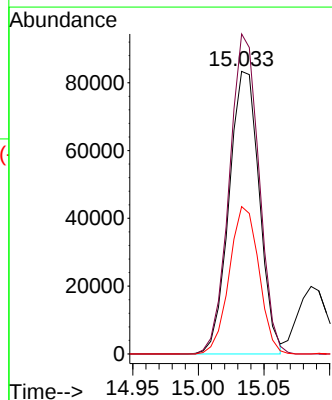
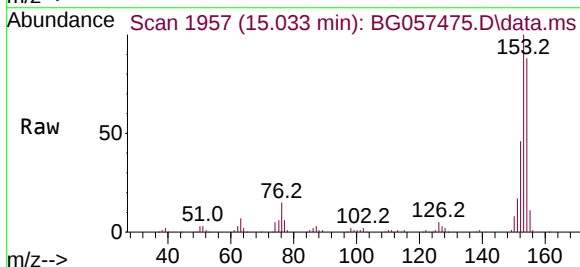
Manual Integrations
APPROVED

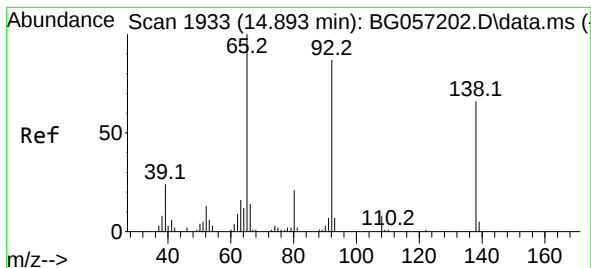
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#52
Acenaphthene
Concen: 47.890 ng
RT: 15.033 min Scan# 1957
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

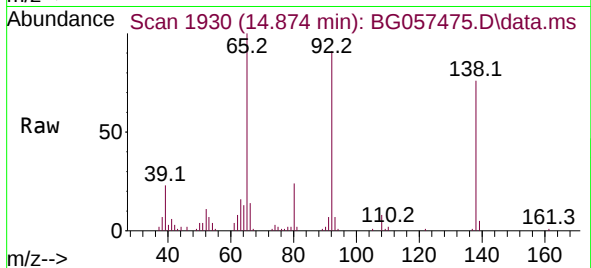
Tgt Ion:154 Resp: 133612
Ion Ratio Lower Upper
154 100
153 113.2 89.3 133.9
152 52.1 41.7 62.5





#53
3-Nitroaniline
Concen: 34.298 ng
RT: 14.874 min Scan# 1933
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

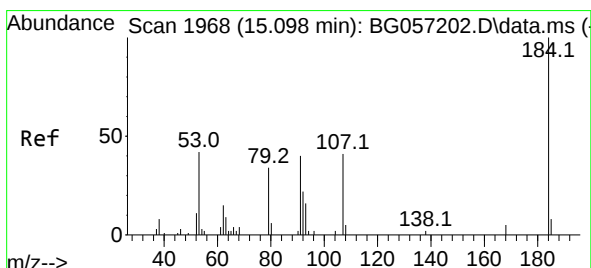
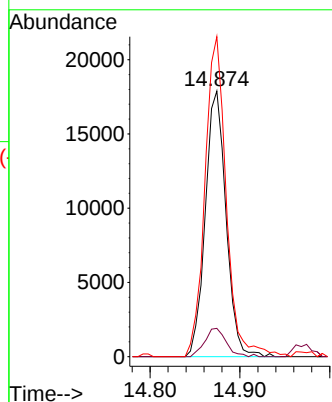
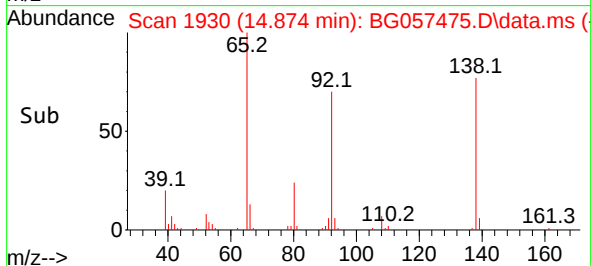
Instrument :
BNA_G
ClientSampleId :
TP5MS



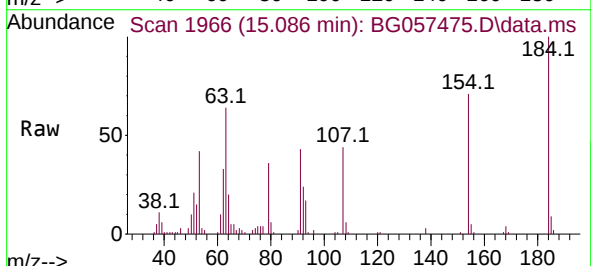
Tgt Ion:138 Resp: 2871
Ion Ratio Lower Upper
138 100
108 10.7 9.5 14.3
92 120.5 106.2 159.4

Manual Integrations
APPROVED

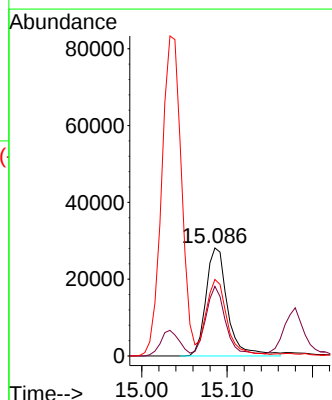
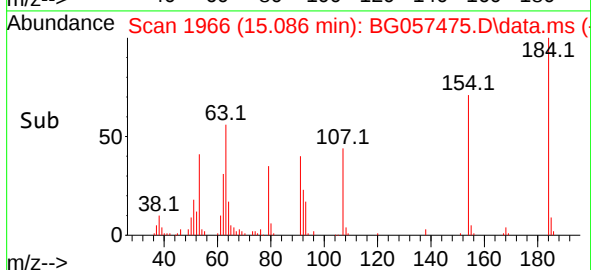
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023

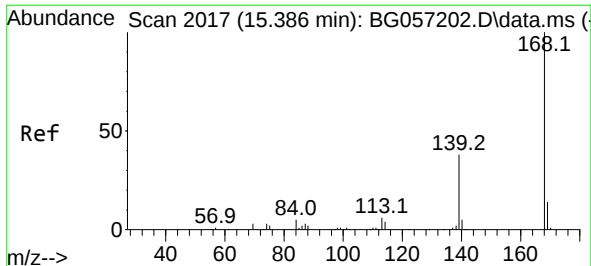


#54
2,4-Dinitrophenol
Concen: 95.037 ng
RT: 15.086 min Scan# 1966
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14



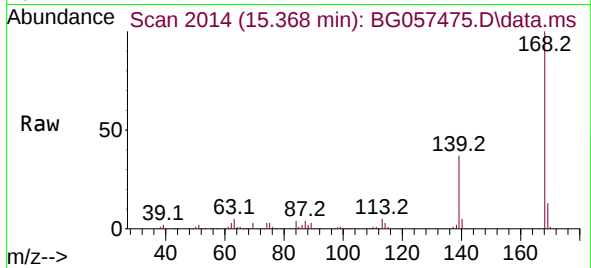
Tgt Ion:184 Resp: 49691
Ion Ratio Lower Upper
184 100
63 64.4 48.2 72.4
154 70.9 55.4 83.2





#55
Dibenzofuran
Concen: 47.396 ng
RT: 15.368 min Scan# 2017
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

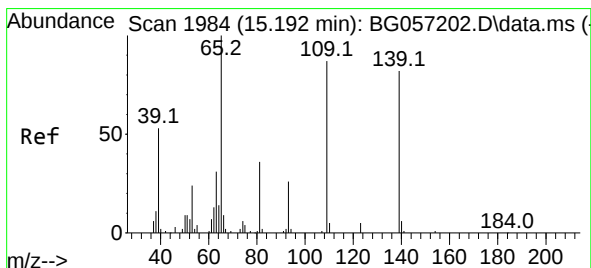
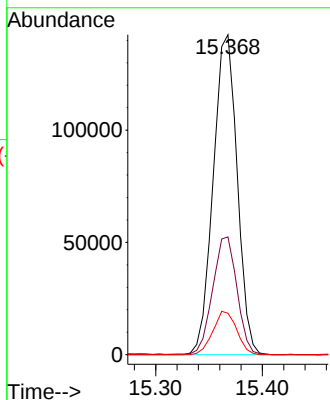
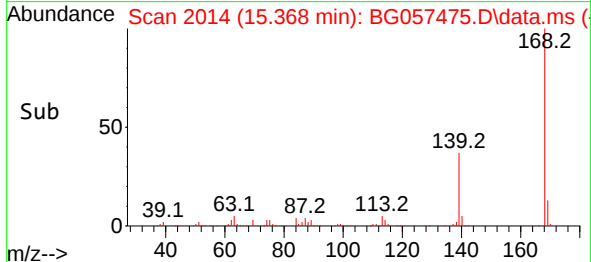
Instrument :
BNA_G
ClientSampleId :
TP5MS



Tgt Ion:168 Resp: 22217
Ion Ratio Lower Upper
168 100
139 36.8 30.7 46.1
169 13.0 10.9 16.3

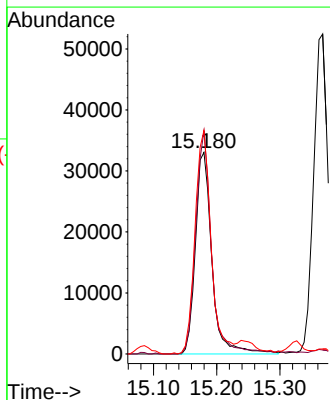
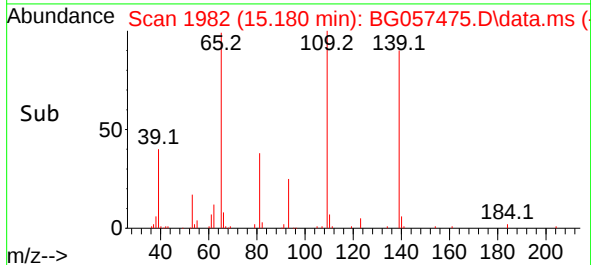
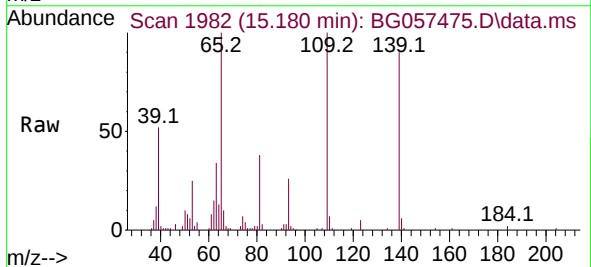
Manual Integrations
APPROVED

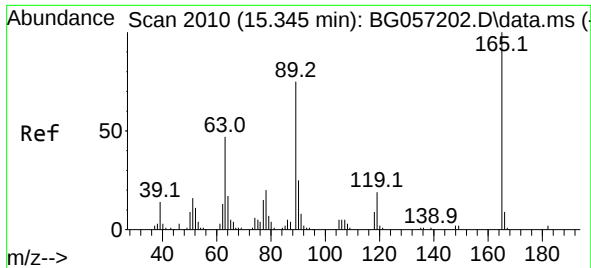
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#56
4-Nitrophenol
Concen: 107.732 ng
RT: 15.180 min Scan# 1982
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

Tgt Ion:139 Resp: 59984
Ion Ratio Lower Upper
139 100
109 110.6 86.6 126.6
65 110.9 102.6 142.6





#57
2,4-Dinitrotoluene
Concen: 49.178 ng
RT: 15.327 min Scan# 2010
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

Instrument :

BNA_G

ClientSampleId :

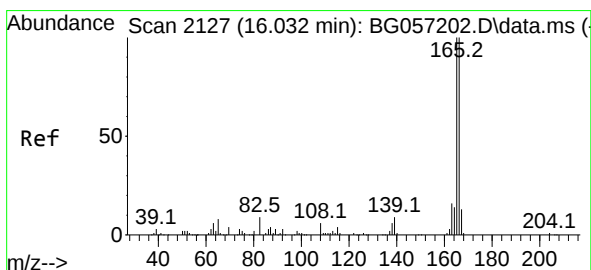
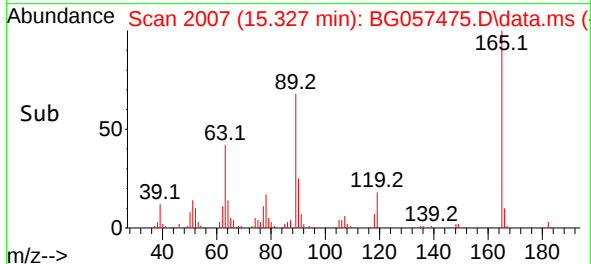
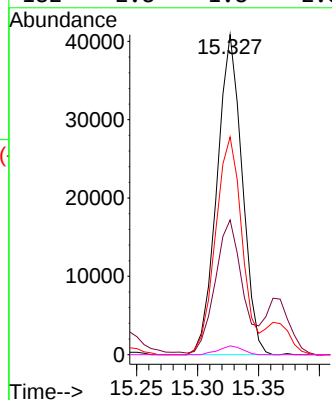
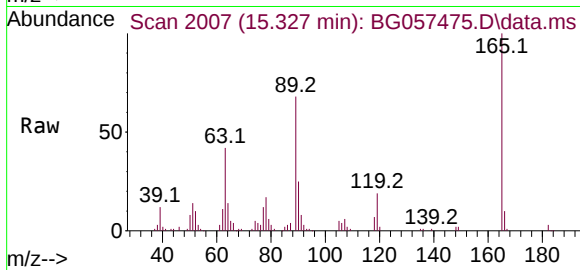
TP5MS

Tgt Ion:165 Resp: 58732
Ion Ratio Lower Upper
165 100
63 42.1 37.5 56.3
89 68.0 60.2 90.4
182 2.8 1.8 2.8#

Manual Integrations

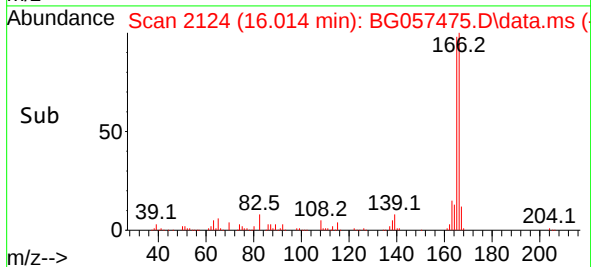
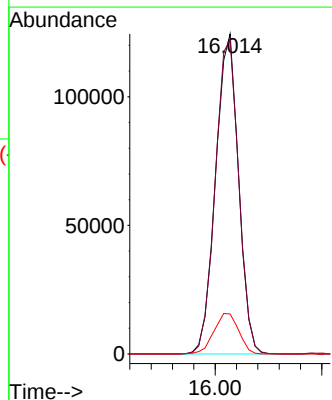
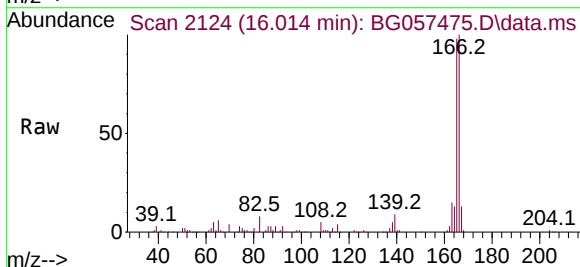
APPROVED

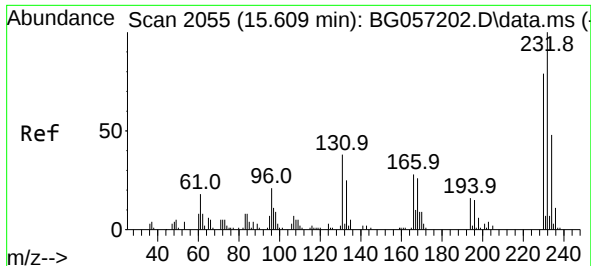
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#58
Fluorene
Concen: 47.916 ng
RT: 16.014 min Scan# 2124
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

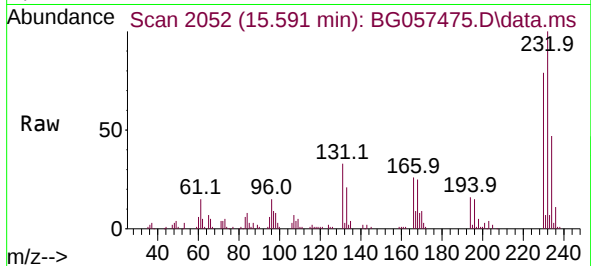
Tgt Ion:166 Resp: 185015
Ion Ratio Lower Upper
166 100
165 98.2 80.1 120.1
167 12.5 10.2 15.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.418 ng
RT: 15.591 min Scan# 2052
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

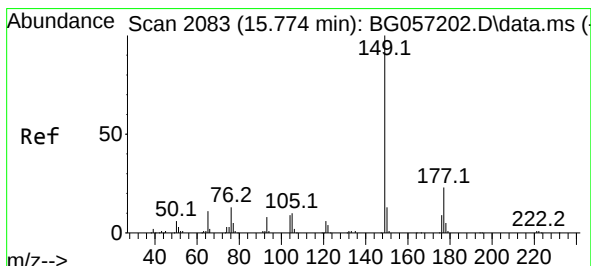
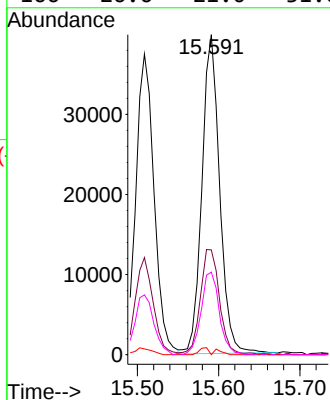
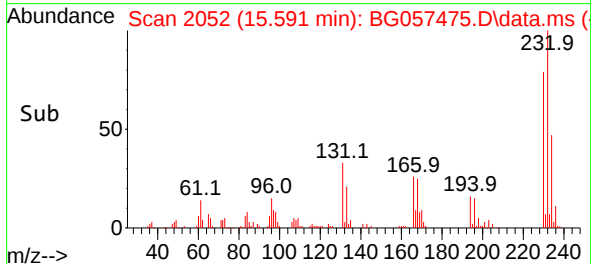
Instrument :
BNA_G
ClientSampleId :
TP5MS



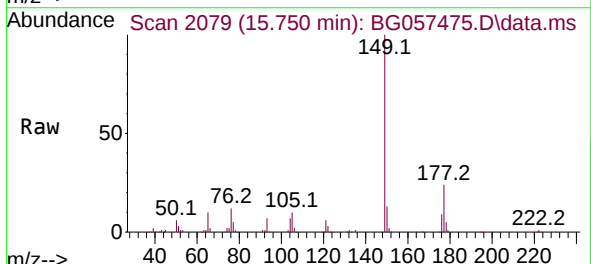
Tgt Ion:232 Resp: 6021
Ion Ratio Lower Upper
232 100
131 35.8 28.6 42.8
130 1.1 1.6 2.4
166 26.6 21.0 31.6

Manual Integrations
APPROVED

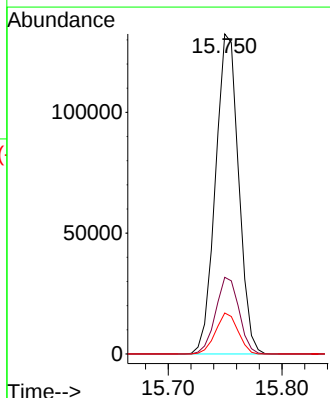
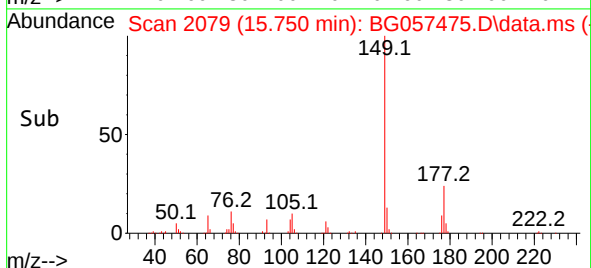
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023

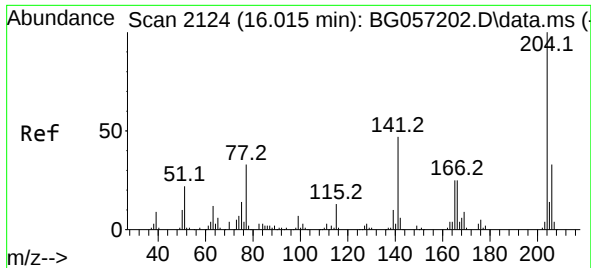


#60
Diethylphthalate
Concen: 44.977 ng
RT: 15.750 min Scan# 2079
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14



Tgt Ion:149 Resp: 186939
Ion Ratio Lower Upper
149 100
177 24.0 18.3 27.5
150 12.8 10.1 15.1





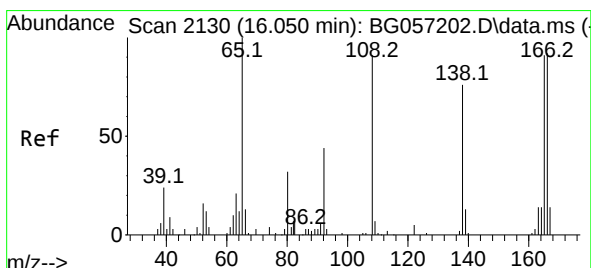
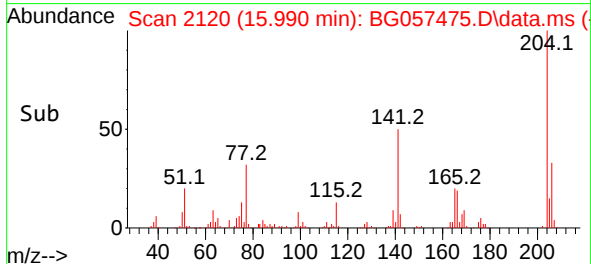
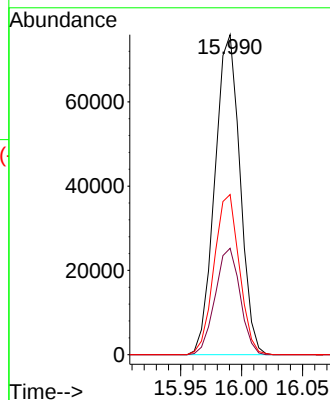
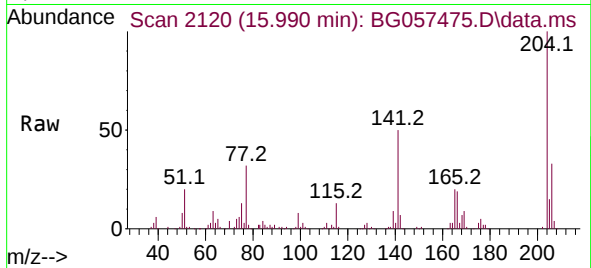
#61
4-Chlorophenyl-phenylether
Concen: 46.867 ng
RT: 15.990 min Scan# 2120
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

Instrument :
BNA_G
ClientSampleId :
TP5MS

Tgt Ion:204 Resp: 10901
Ion Ratio Lower Upper
204 100
206 33.2 26.5 39.7
141 50.0 37.4 56.0

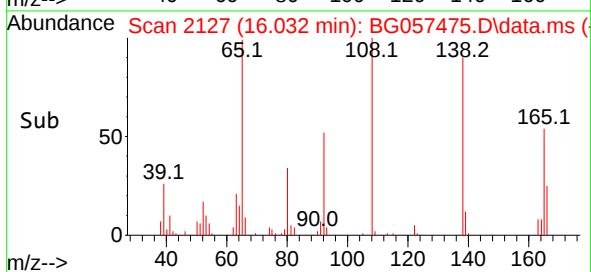
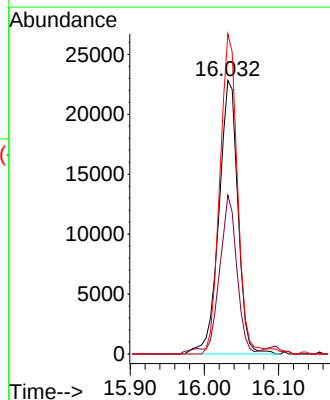
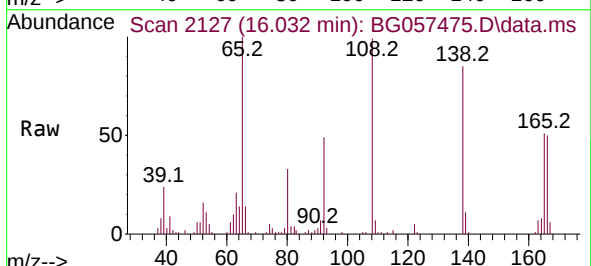
Manual Integrations
APPROVED

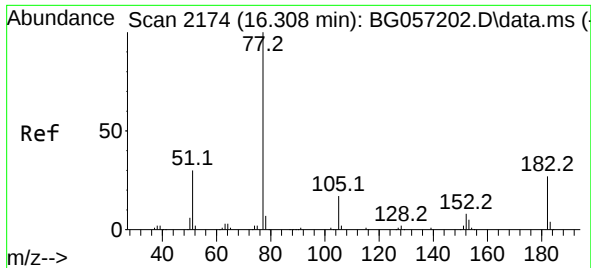
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#62
4-Nitroaniline
Concen: 48.013 ng
RT: 16.032 min Scan# 2127
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

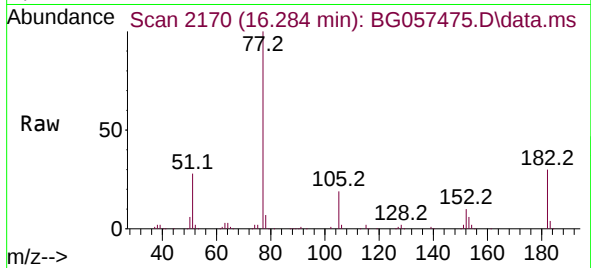
Tgt Ion:138 Resp: 40549
Ion Ratio Lower Upper
138 100
92 58.1 38.2 78.2
108 117.0 99.6 139.6





#63
Azobenzene
Concen: 45.045 ng
RT: 16.284 min Scan# 2174
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

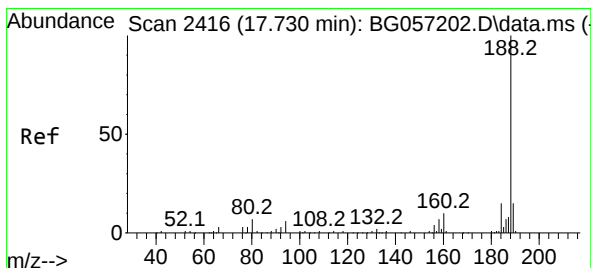
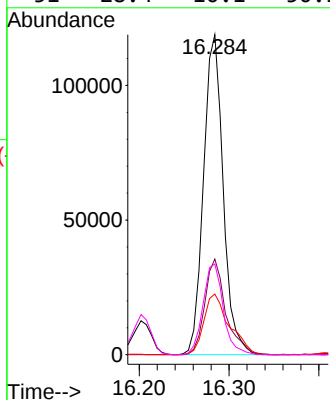
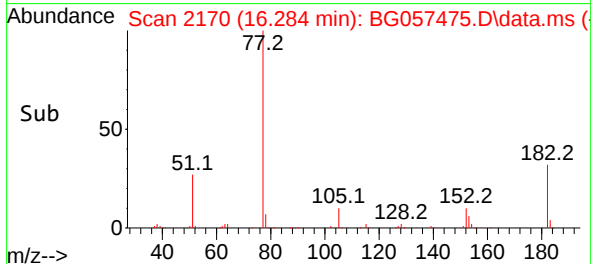
Instrument :
BNA_G
ClientSampleId :
TP5MS



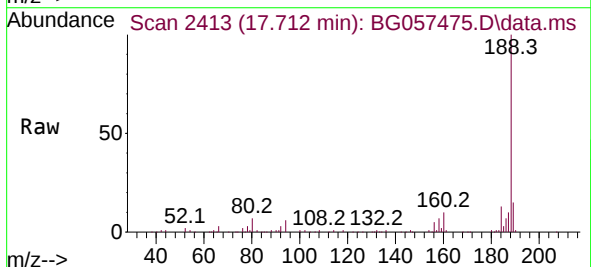
Tgt Ion: 77 Resp: 180644
Ion Ratio Lower Upper
77 100
182 29.9 7.4 47.4
105 19.0 0.0 37.2
51 28.4 10.1 50.1

Manual Integrations
APPROVED

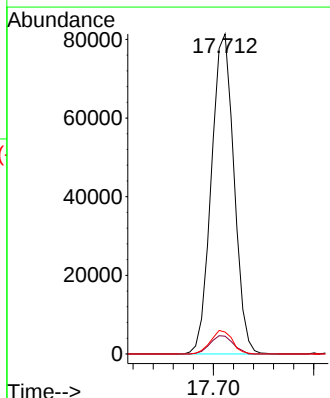
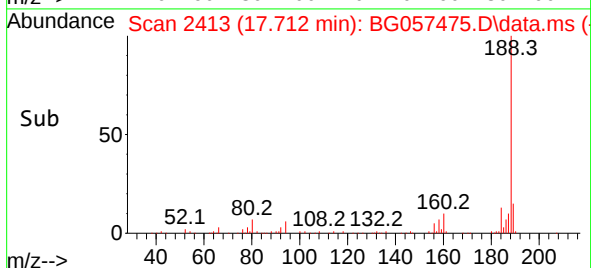
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023

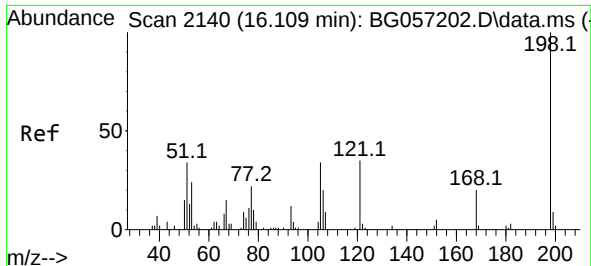


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.712 min Scan# 2413
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14



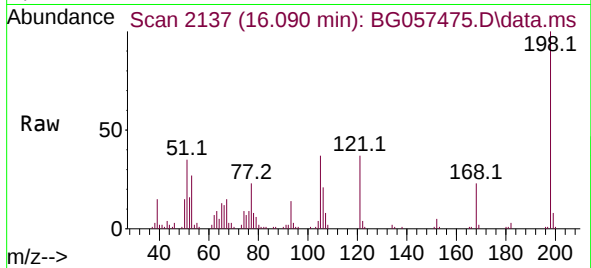
Tgt Ion:188 Resp: 127307
Ion Ratio Lower Upper
188 100
94 5.5 5.1 7.7
80 6.9 5.7 8.5





#65
4,6-Dinitro-2-methylphenol
Concen: 54.202 ng
RT: 16.090 min Scan# 2119
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

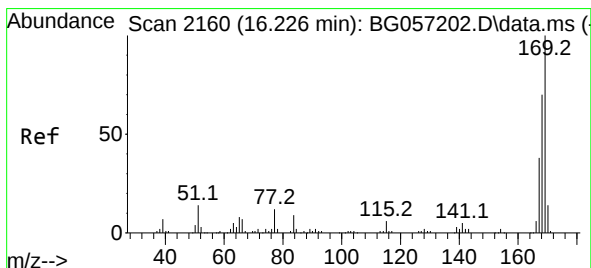
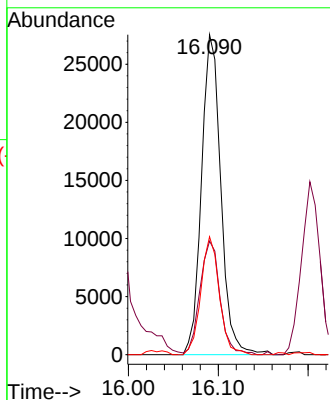
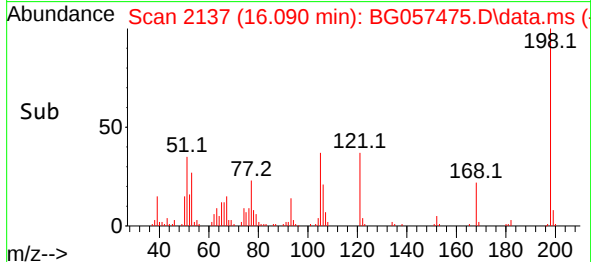
Instrument :
BNA_G
ClientSampleId :
TP5MS



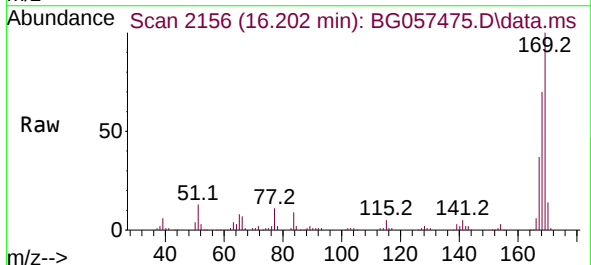
Tgt Ion:198 Resp: 4119
Ion Ratio Lower Upper
198 100
51 35.5 16.1 56.1
105 36.9 14.0 54.0

Manual Integrations
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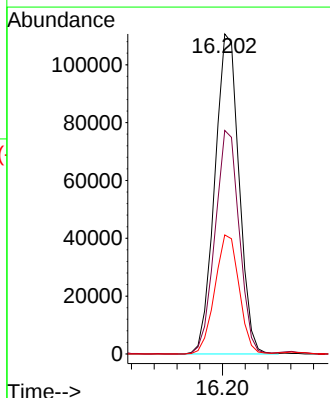
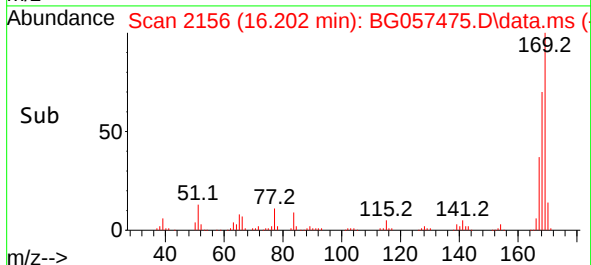
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023

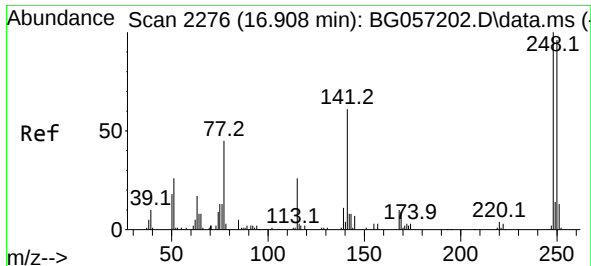


#66
n-Nitrosodiphenylamine
Concen: 47.317 ng
RT: 16.202 min Scan# 2156
Delta R.T. -0.008 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14



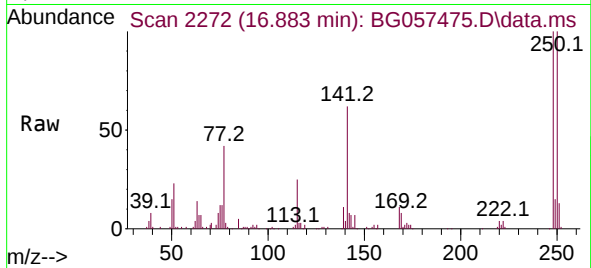
Tgt Ion:169 Resp: 163606
Ion Ratio Lower Upper
169 100
168 69.9 56.2 84.4
167 37.2 30.2 45.4





#67
4-Bromophenyl-phenylether
Concen: 47.574 ng
RT: 16.883 min Scan# 211
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

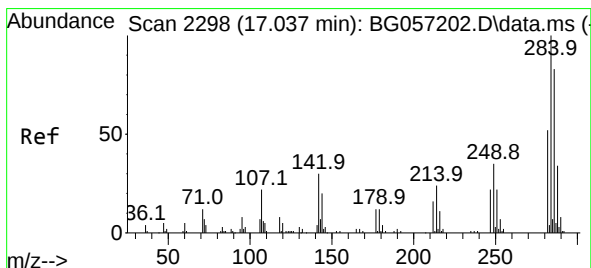
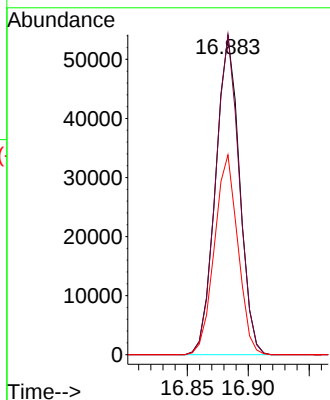
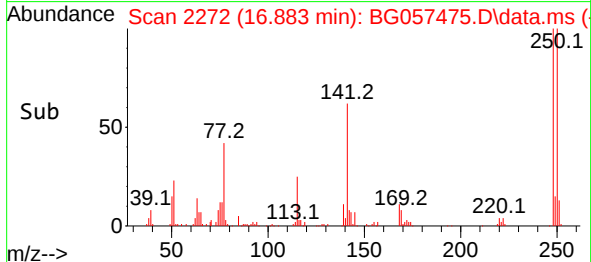
Instrument :
BNA_G
ClientSampleId :
TP5MS



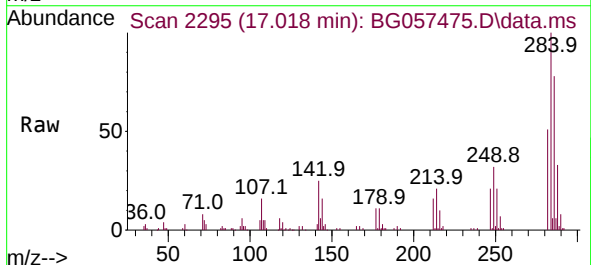
Tgt Ion:248 Resp: 73934
Ion Ratio Lower Upper
248 100
250 100.4 77.0 115.6
141 62.7 48.6 72.8

Manual Integrations
APPROVED

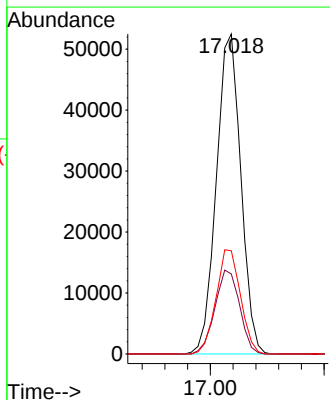
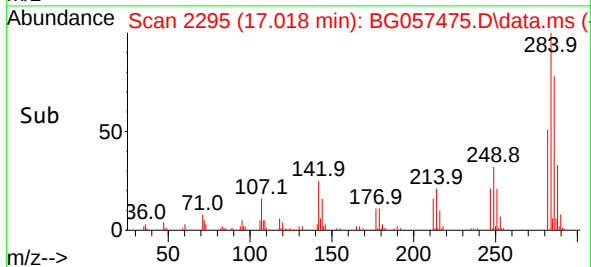
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023

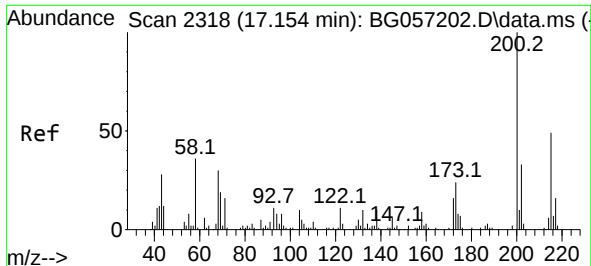


#68
Hexachlorobenzene
Concen: 51.934 ng
RT: 17.018 min Scan# 2295
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14



Tgt Ion:284 Resp: 78433
Ion Ratio Lower Upper
284 100
142 25.0 23.9 35.9
249 32.3 27.7 41.5





#69
 Atrazine
 Concen: 56.346 ng
 RT: 17.136 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG057475.D
 Acq: 19 May 2023 20:14

Instrument :

BNA_G

ClientSampleId :

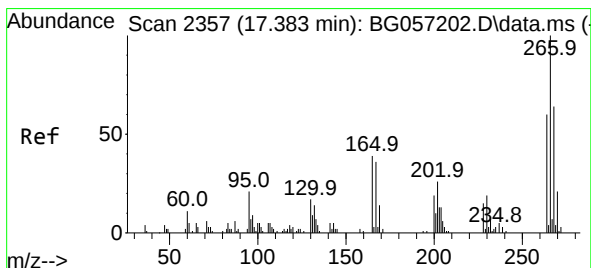
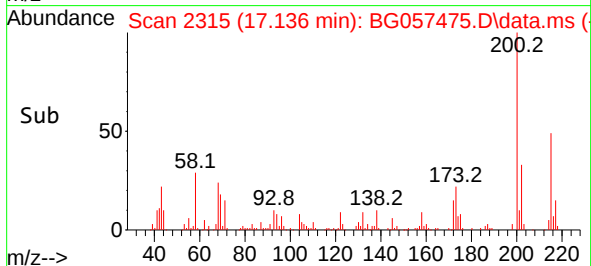
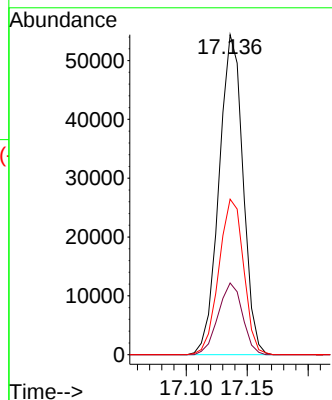
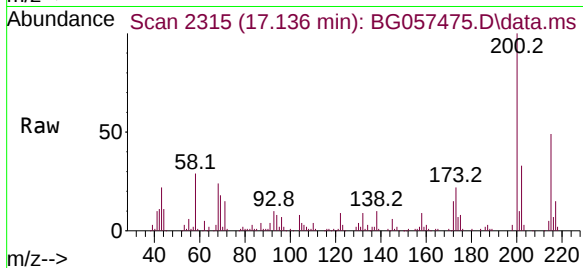
TP5MS

Tgt Ion:200 Resp: 74319
 Ion Ratio Lower Upper
 200 100
 173 22.4 4.3 44.3
 215 48.6 29.3 69.3

Manual Integrations

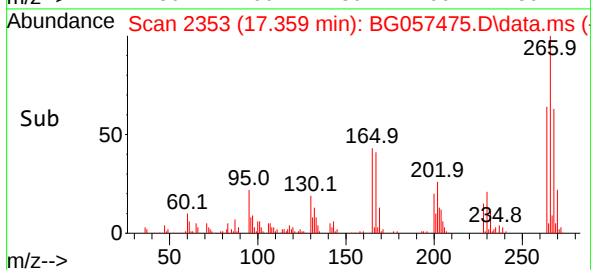
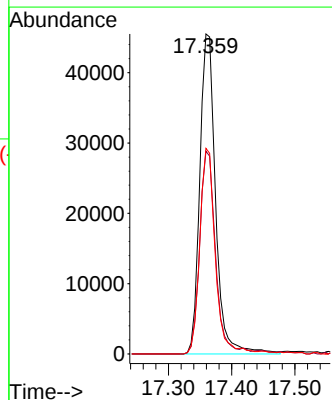
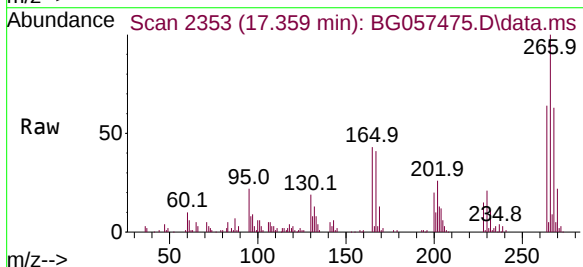
APPROVED

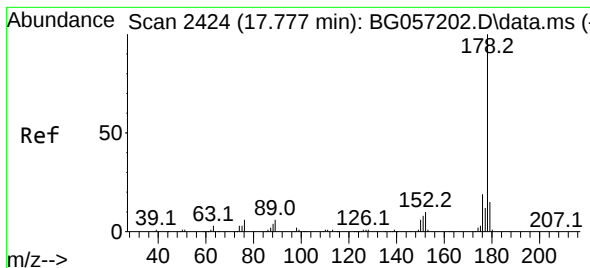
Reviewed By :Christian Giraldo 05/22/2023
 Supervised By :Jagrut Upadhyay 05/22/2023



#70
 Pentachlorophenol
 Concen: 91.020 ng
 RT: 17.359 min Scan# 2353
 Delta R.T. -0.008 min
 Lab File: BG057475.D
 Acq: 19 May 2023 20:14

Tgt Ion:266 Resp: 79221
 Ion Ratio Lower Upper
 266 100
 268 63.4 51.0 76.6
 264 64.2 47.8 71.6





#71

Phenanthrene

Concen: 47.959 ng

RT: 17.753 min Scan# 2420

Delta R.T. -0.002 min

Lab File: BG057475.D

Acq: 19 May 2023 20:14

Instrument :

BNA_G

ClientSampleId :

TP5MS

Tgt Ion:178 Resp: 312860

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.2

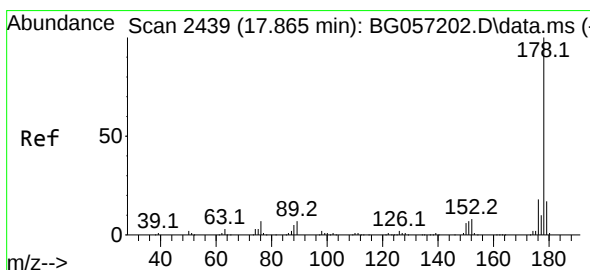
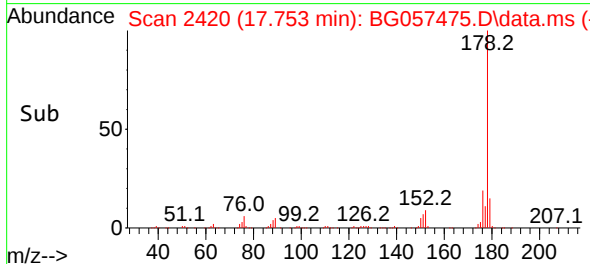
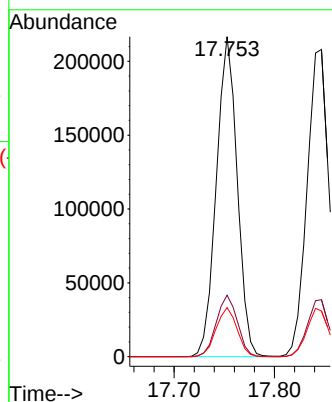
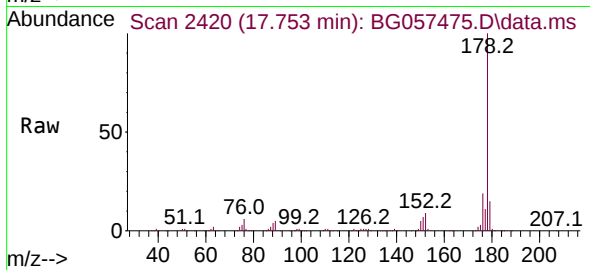
179 15.4 12.3 18.5

Manual Integrations

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Reviewed By :Christian Giraldo 05/22/2023

Supervised By :Jagrut Upadhyay 05/22/2023



#72

Anthracene

Concen: 47.240 ng

RT: 17.847 min Scan# 2436

Delta R.T. -0.002 min

Lab File: BG057475.D

Acq: 19 May 2023 20:14

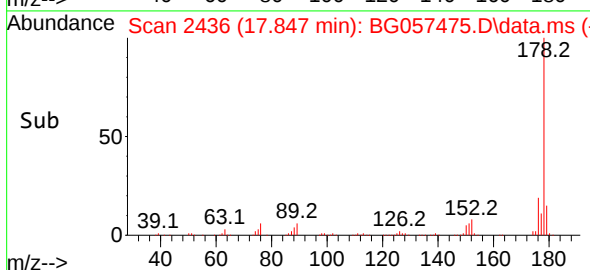
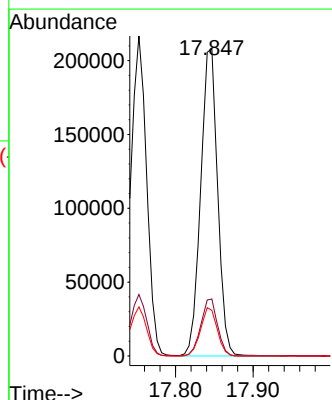
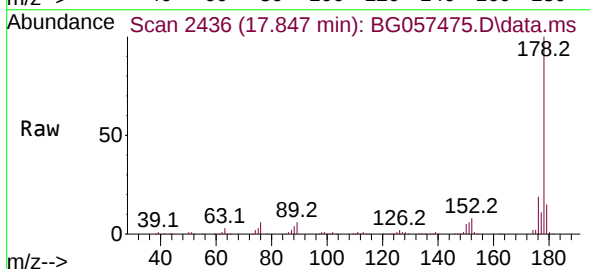
Tgt Ion:178 Resp: 316203

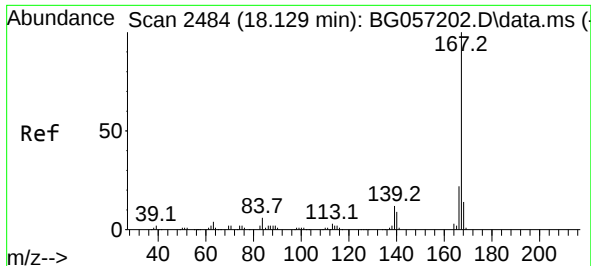
Ion Ratio Lower Upper

178 100

176 18.6 14.7 22.1

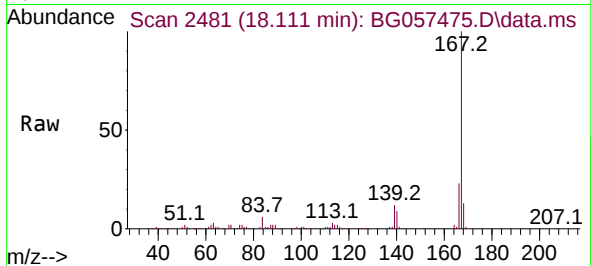
179 14.9 13.2 19.8





#73
Carbazole
Concen: 49.314 ng
RT: 18.111 min Scan# 2481
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

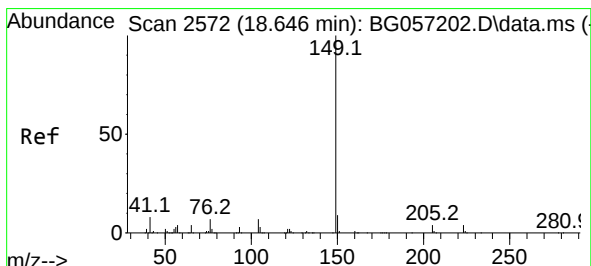
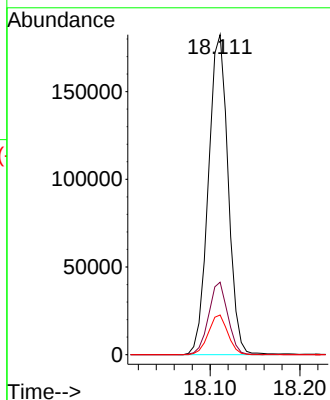
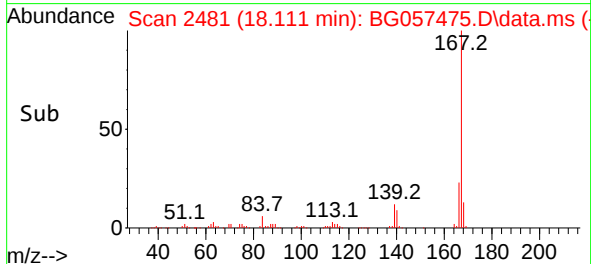
Instrument :
BNA_G
ClientSampleId :
TP5MS



Tgt Ion:167 Resp: 277889
Ion Ratio Lower Upper
167 100
166 22.6 17.4 26.0
139 12.4 9.6 14.4

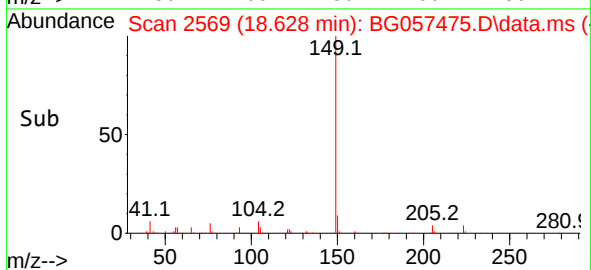
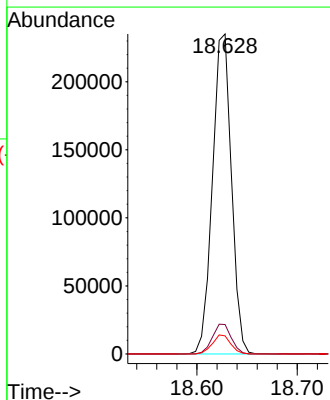
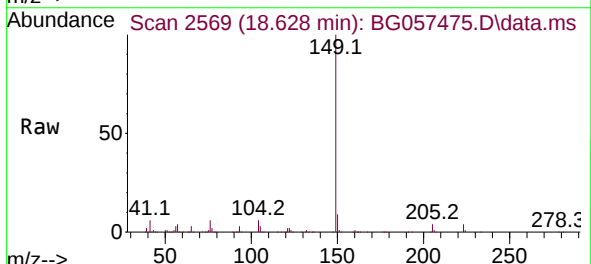
Manual Integrations
APPROVED

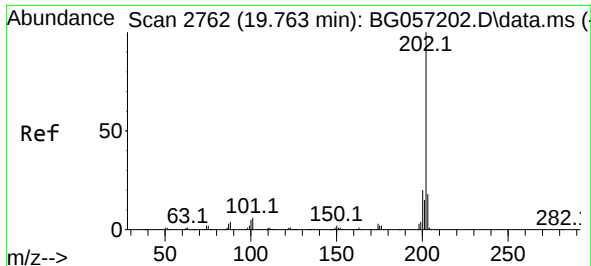
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#74
Di-n-butylphthalate
Concen: 47.496 ng
RT: 18.628 min Scan# 2569
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

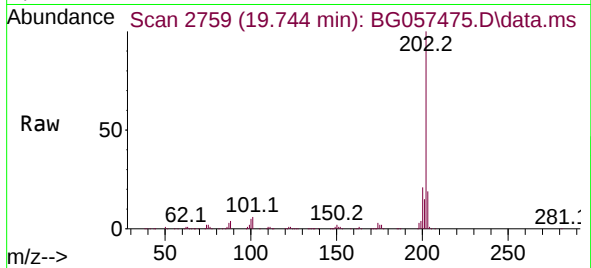
Tgt Ion:149 Resp: 307942
Ion Ratio Lower Upper
149 100
150 9.2 7.3 10.9
104 5.6 5.4 8.2





#75
Fluoranthene
Concen: 46.736 ng
RT: 19.744 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

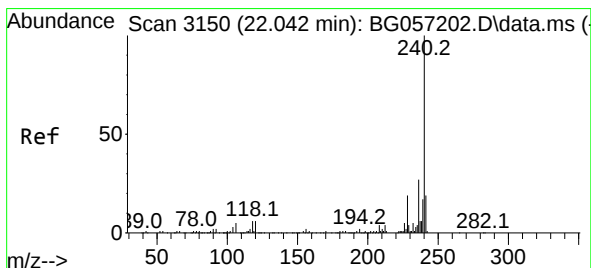
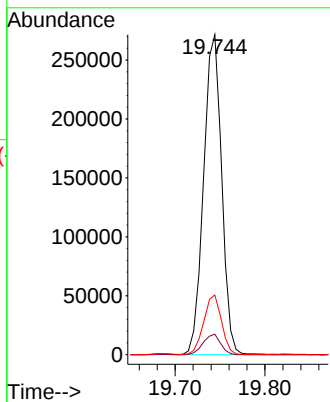
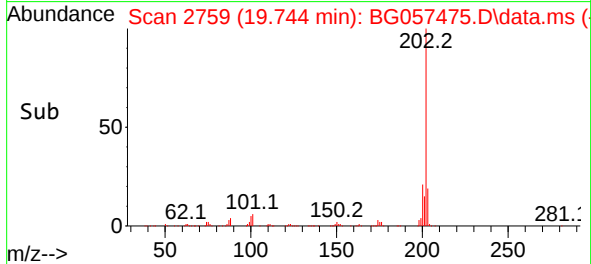
Instrument :
BNA_G
ClientSampleId :
TP5MS



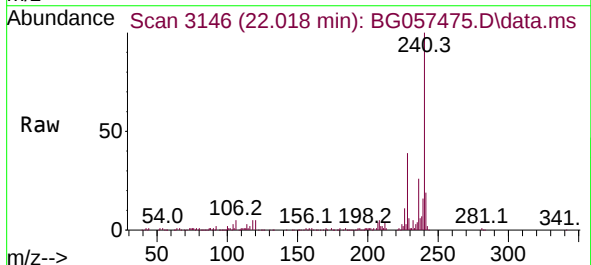
Tgt Ion:202 Resp: 37919
Ion Ratio Lower Upper
202 100
101 6.4 0.0 26.2
203 18.6 0.0 37.9

Manual Integrations
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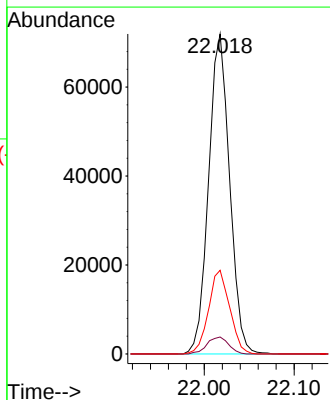
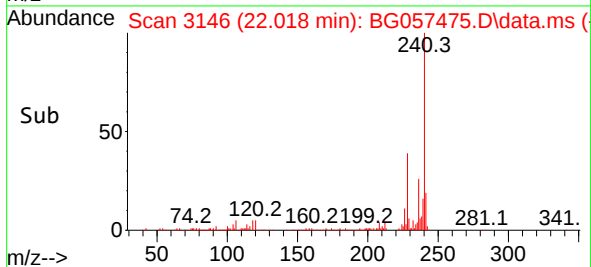
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023

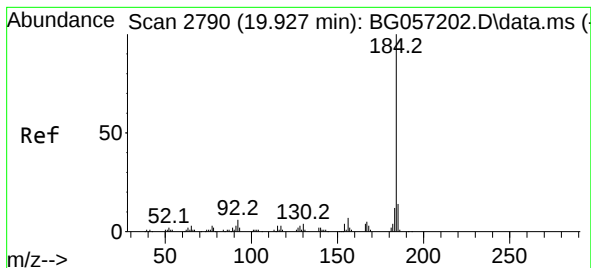


#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.018 min Scan# 3146
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14



Tgt Ion:240 Resp: 116820
Ion Ratio Lower Upper
240 100
120 5.3 4.9 7.3
236 26.2 21.4 32.2





#77

Benzidine

Concen: 42.261 ng

RT: 19.909 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG057475.D

Acq: 19 May 2023 20:14

Instrument :

BNA_G

ClientSampleId :

TP5MS

Tgt Ion:184 Resp: 110372

Ion Ratio Lower Upper

184 100

185 13.6 11.1 16.7

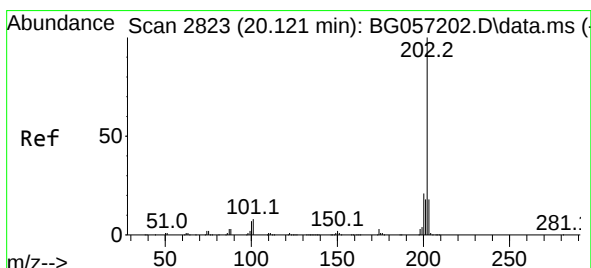
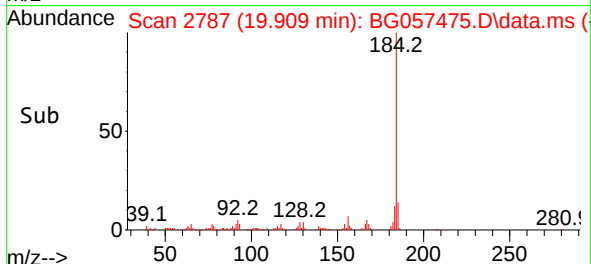
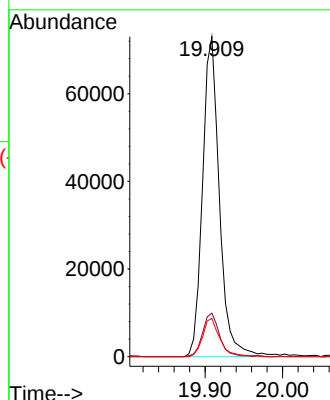
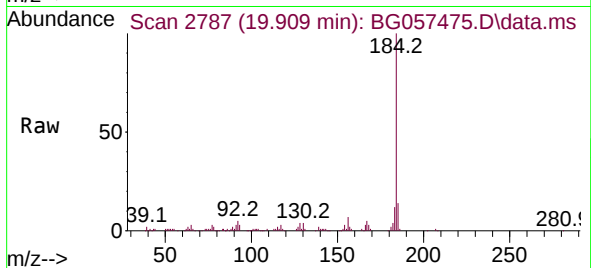
183 12.0 9.9 14.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/22/2023

Supervised By :Jagrut Upadhyay 05/22/2023



#78

Pyrene

Concen: 45.537 ng

RT: 20.103 min Scan# 2820

Delta R.T. -0.002 min

Lab File: BG057475.D

Acq: 19 May 2023 20:14

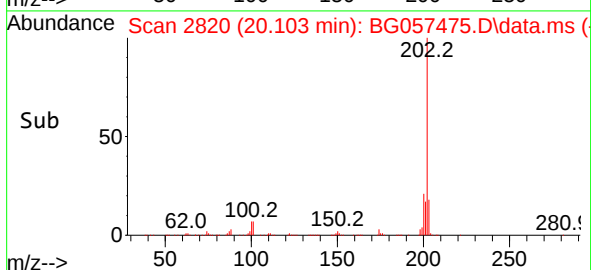
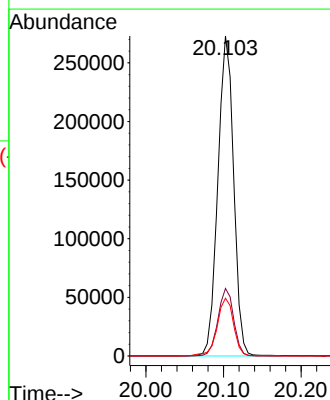
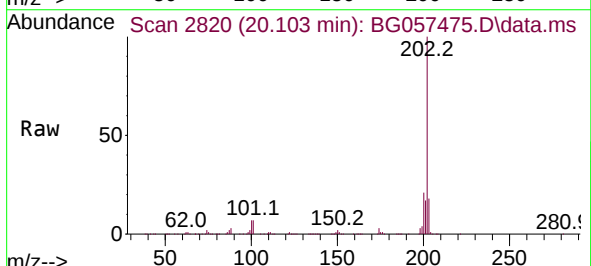
Tgt Ion:202 Resp: 386556

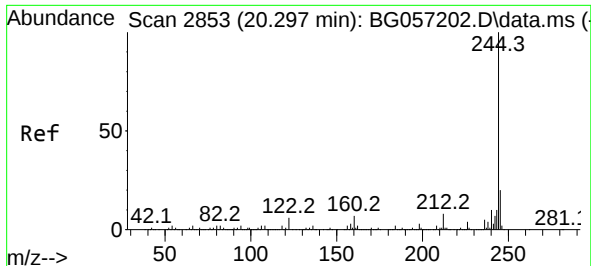
Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.4

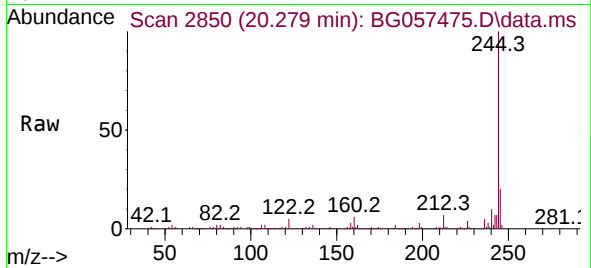
203 18.0 14.2 21.4





#79
 Terphenyl-d14
 Concen: 46.495 ng
 RT: 20.279 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG057475.D
 Acq: 19 May 2023 20:14

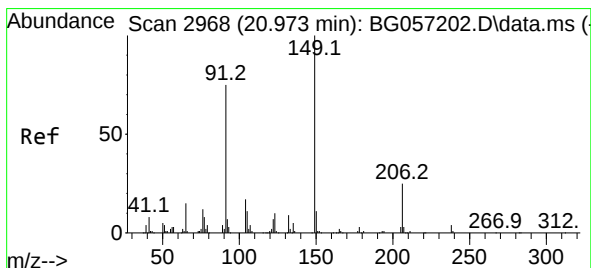
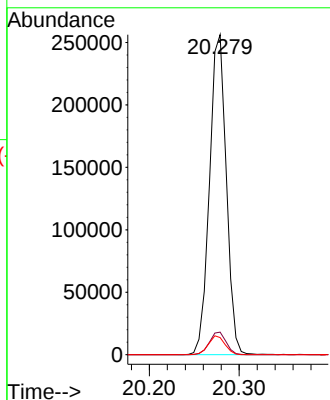
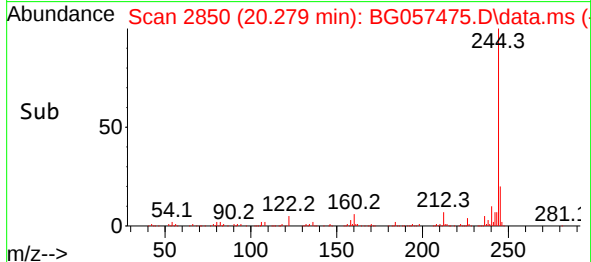
Instrument :
 BNA_G
 ClientSampleId :
 TP5MS



Tgt Ion:244 Resp: 332835
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 5.4 5.1 7.7

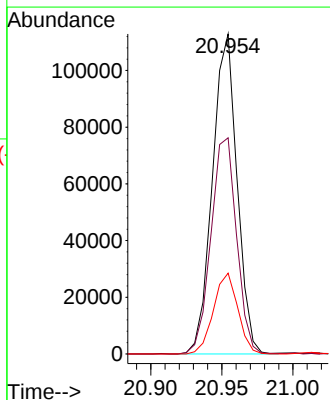
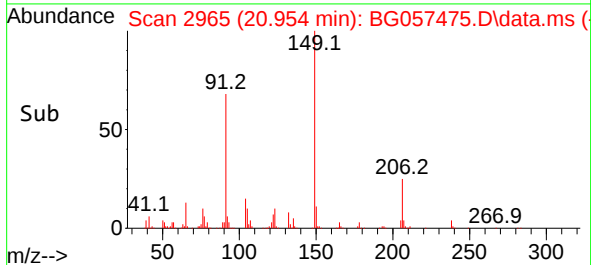
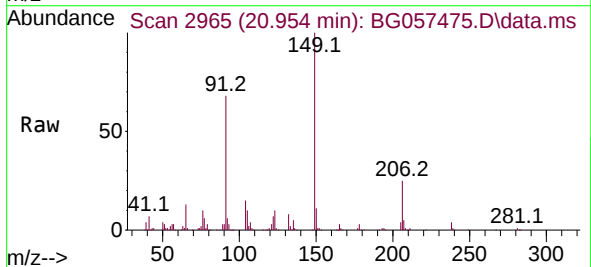
Manual Integrations
 APPROVED

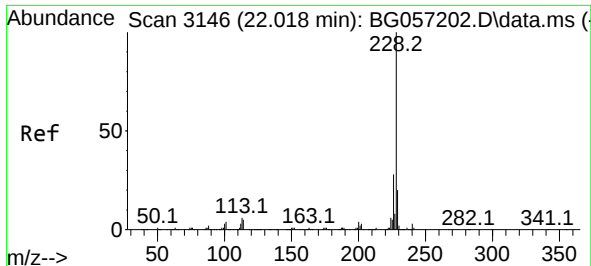
Reviewed By :Christian Giraldo 05/22/2023
 Supervised By :Jagrut Upadhyay 05/22/2023



#80
 Butylbenzylphthalate
 Concen: 50.483 ng
 RT: 20.954 min Scan# 2965
 Delta R.T. -0.002 min
 Lab File: BG057475.D
 Acq: 19 May 2023 20:14

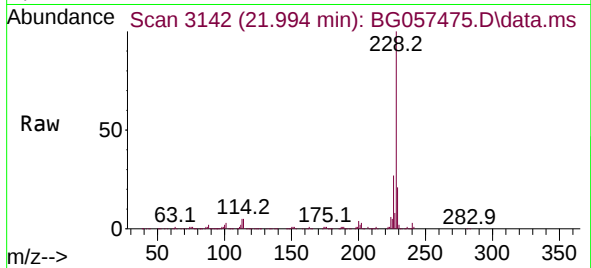
Tgt Ion:149 Resp: 135973
 Ion Ratio Lower Upper
 149 100
 91 67.5 59.7 89.5
 206 25.2 19.7 29.5





#81
Benzo(a)anthracene
Concen: 47.178 ng
RT: 21.994 min Scan# 3146
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

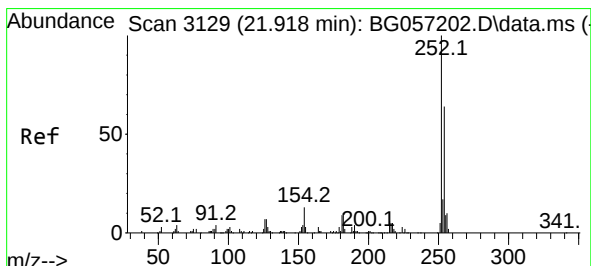
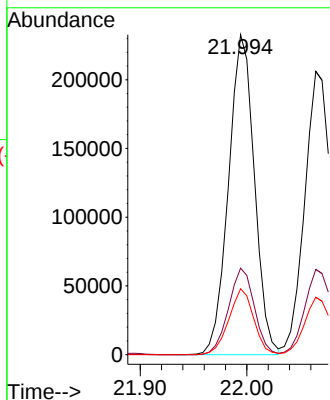
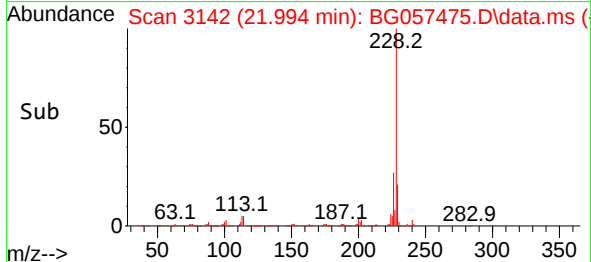
Instrument :
BNA_G
ClientSampleId :
TP5MS



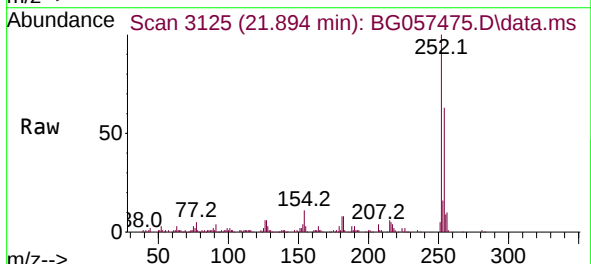
Tgt Ion:228 Resp: 392660
Ion Ratio Lower Upper
228 100
226 27.1 22.0 33.0
229 20.6 15.8 23.8

Manual Integrations
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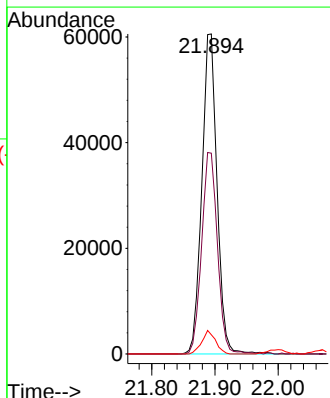
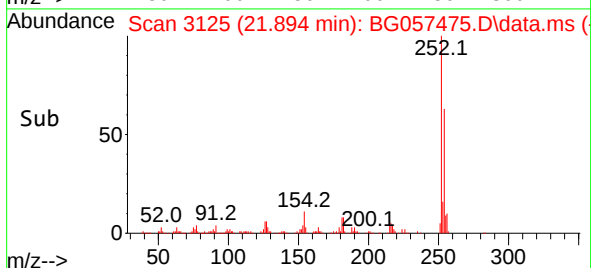
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023

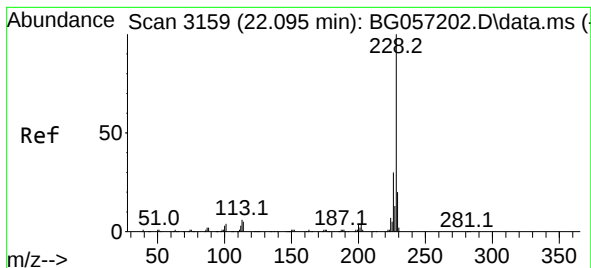


#82
3,3'-Dichlorobenzidine
Concen: 37.885 ng
RT: 21.894 min Scan# 3125
Delta R.T. -0.002 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14



Tgt Ion:252 Resp: 100999
Ion Ratio Lower Upper
252 100
254 62.8 51.4 77.0
126 6.0 5.9 8.9





#83

Chrysene

Concen: 45.508 ng

RT: 22.065 min Scan# 3116

Delta R.T. -0.008 min

Lab File: BG057475.D

Acq: 19 May 2023 20:14

Instrument :

BNA_G

ClientSampleId :

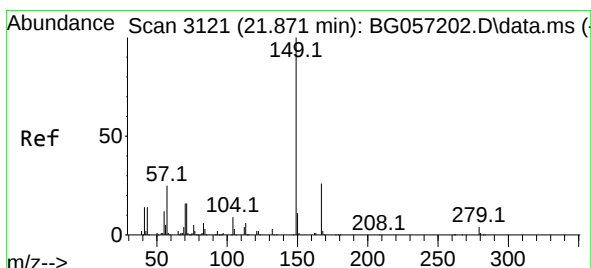
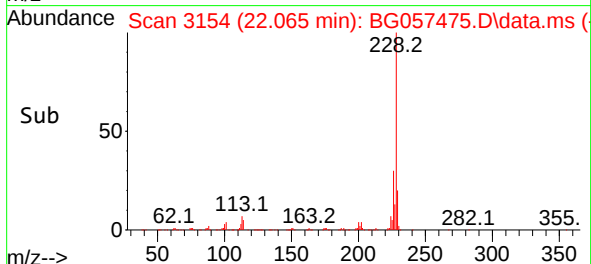
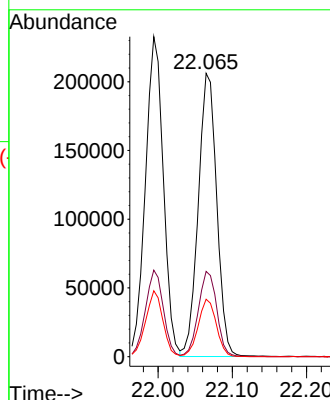
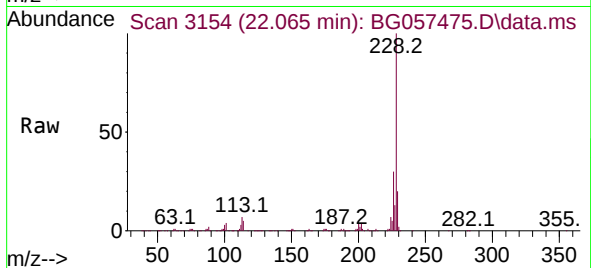
TP5MS

Tgt Ion:228 Resp: 356370
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.3 36.5
 229 20.3 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/22/2023
 Supervised By :Jagrut Upadhyay 05/22/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.005 ng

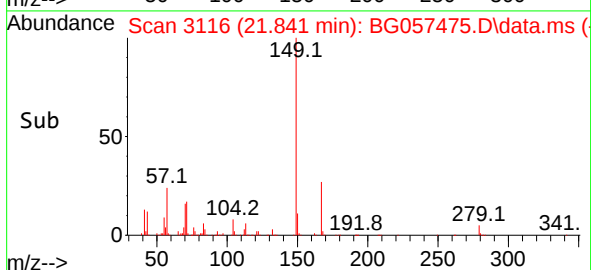
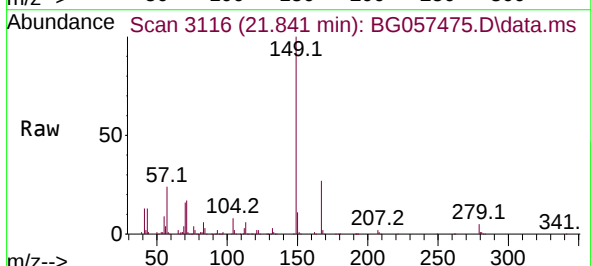
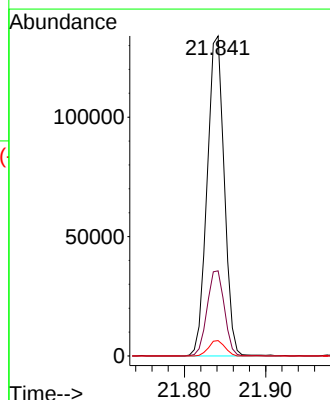
RT: 21.841 min Scan# 3116

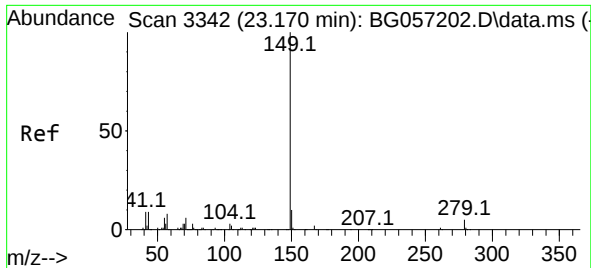
Delta R.T. -0.002 min

Lab File: BG057475.D

Acq: 19 May 2023 20:14

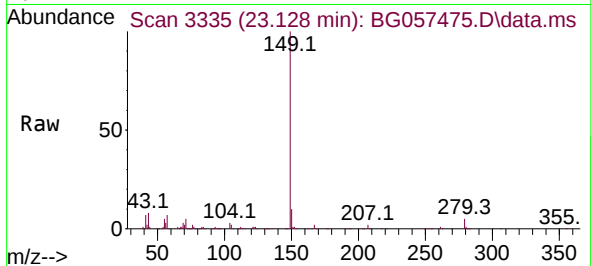
Tgt Ion:149 Resp: 195289
 Ion Ratio Lower Upper
 149 100
 167 26.6 21.2 31.8
 279 4.8 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 49.955 ng
RT: 23.128 min Scan# 3342
Delta R.T. -0.008 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

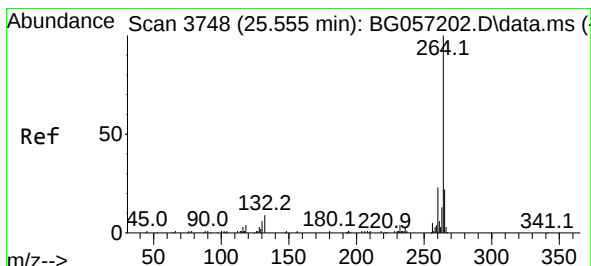
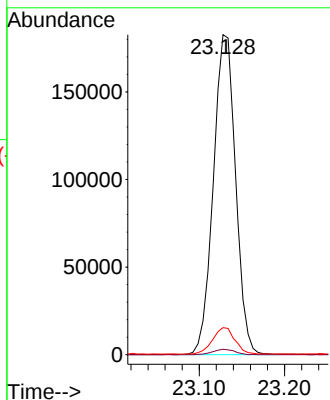
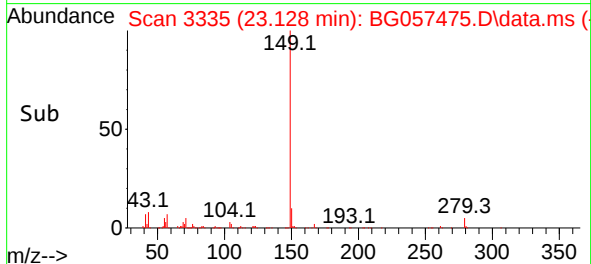
Instrument :
BNA_G
ClientSampleId :
TP5MS



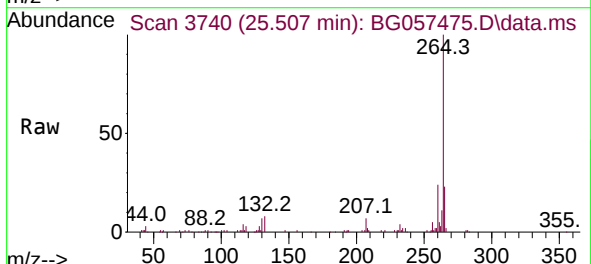
Tgt Ion:149 Resp: 33188
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.3 7.8 11.8

Manual Integrations
APPROVED

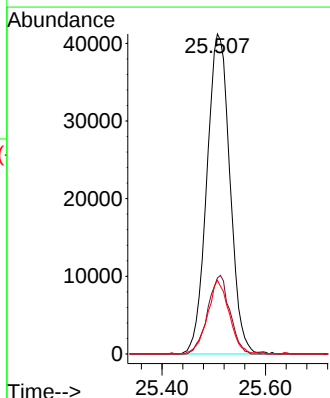
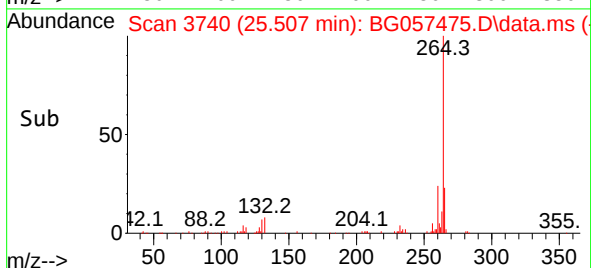
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023

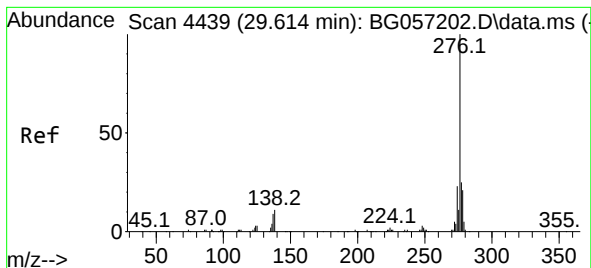


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.507 min Scan# 3740
Delta R.T. -0.008 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14



Tgt Ion:264 Resp: 127382
Ion Ratio Lower Upper
264 100
260 23.7 18.8 28.2
265 23.0 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.856 ng

RT: 29.554 min Scan# 4428

Delta R.T. -0.008 min

Lab File: BG057475.D

Acq: 19 May 2023 20:14

Instrument :

BNA_G

ClientSampleId :

TP5MS

Tgt Ion:276 Resp: 44428

Ion Ratio Lower Upper

276 100

138 8.0 5.4 8.0

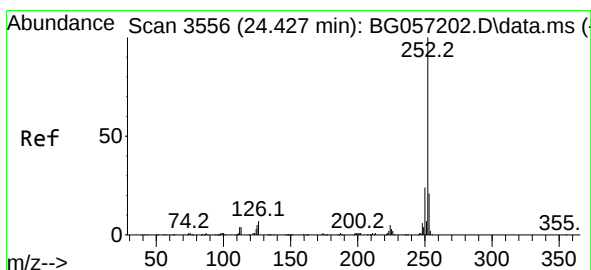
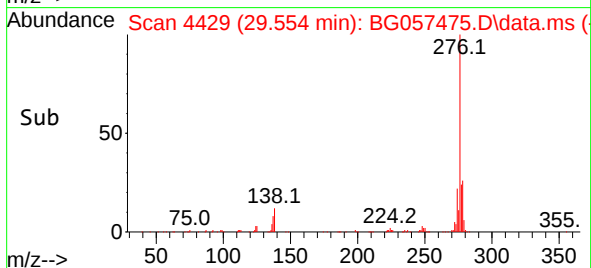
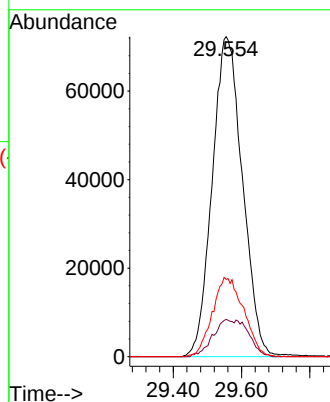
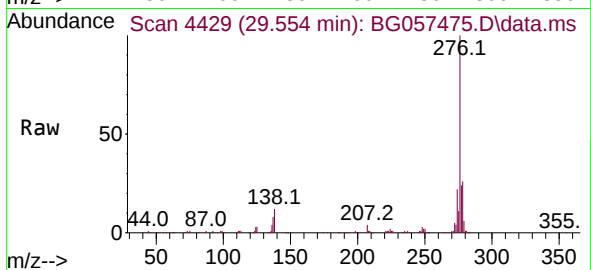
277 25.7 20.6 30.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/22/2023

Supervised By :Jagrut Upadhyay 05/22/2023



#88

Benzo(b)fluoranthene

Concen: 47.801 ng

RT: 24.391 min Scan# 3550

Delta R.T. -0.002 min

Lab File: BG057475.D

Acq: 19 May 2023 20:14

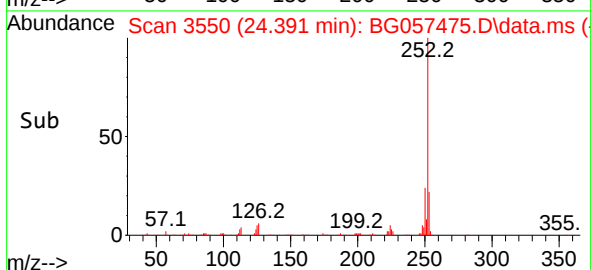
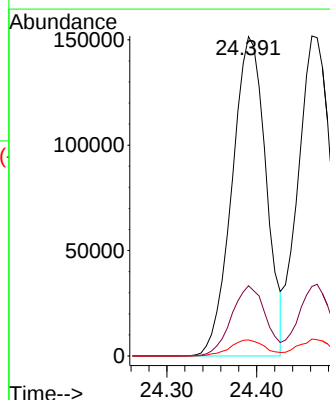
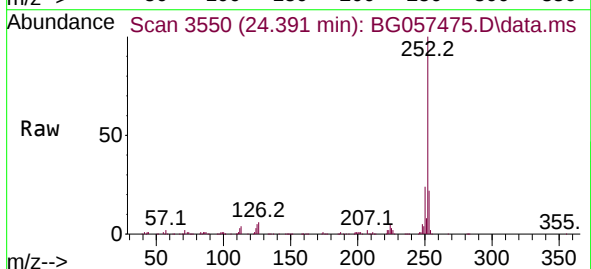
Tgt Ion:252 Resp: 398032

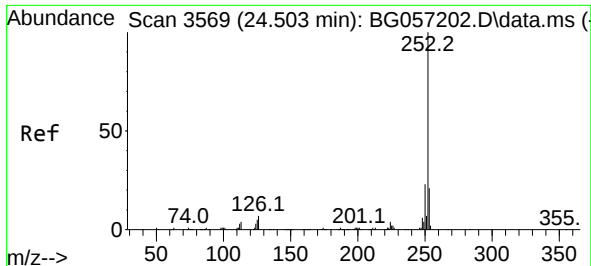
Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.6

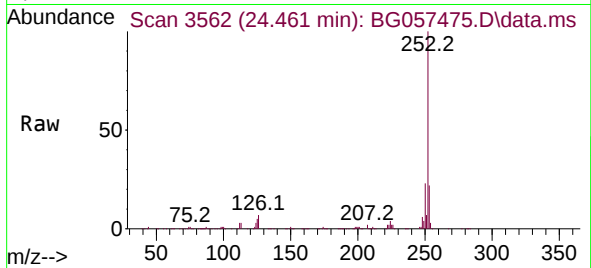
125 5.0 4.2 6.2





#89
Benzo(k)fluoranthene
Concen: 46.218 ng
RT: 24.461 min Scan# 31
Delta R.T. -0.008 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

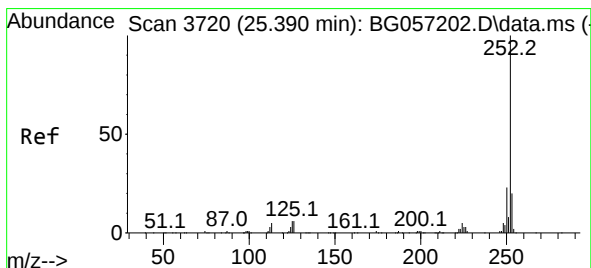
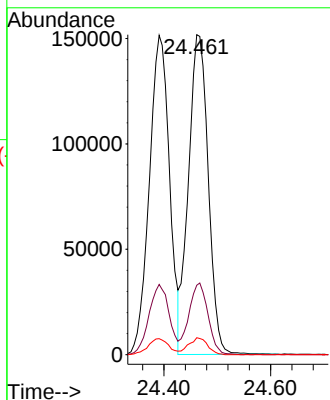
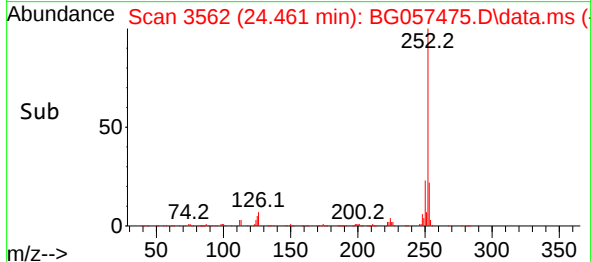
Instrument :
BNA_G
ClientSampleId :
TP5MS



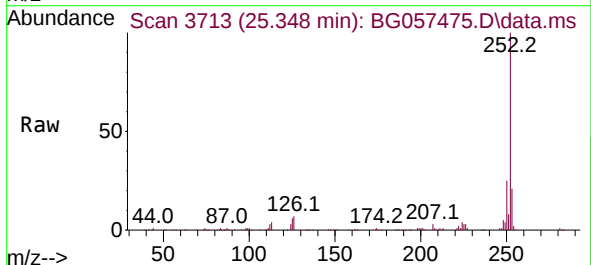
Tgt Ion:252 Resp: 391080
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 5.3 4.1 6.1

Manual Integrations
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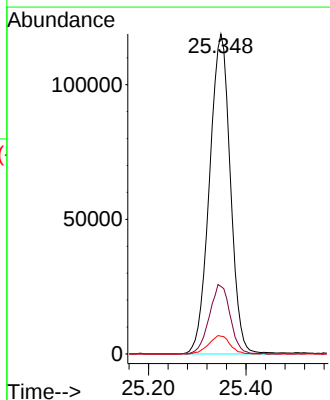
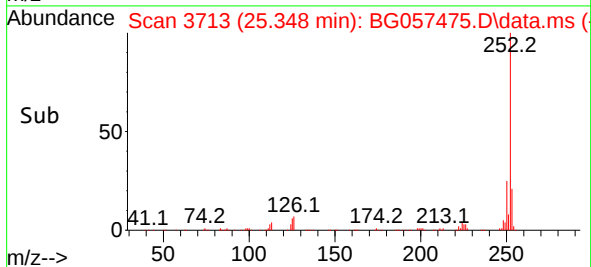
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023

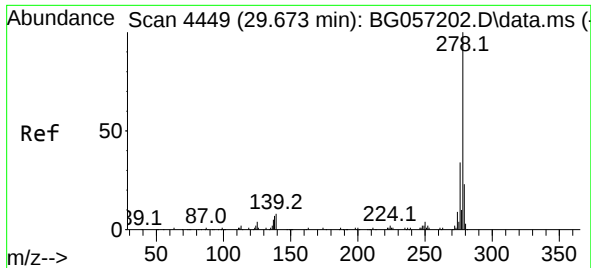


#90
Benzo(a)pyrene
Concen: 43.368 ng
RT: 25.348 min Scan# 3713
Delta R.T. -0.008 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14



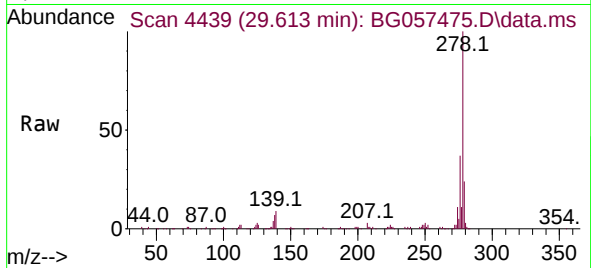
Tgt Ion:252 Resp: 352800
Ion Ratio Lower Upper
252 100
253 21.1 16.3 24.5
125 5.5 5.0 7.4





#91
Dibenzo(a,h)anthracene
Concen: 48.084 ng
RT: 29.613 min Scan# 4449
Delta R.T. 0.004 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14

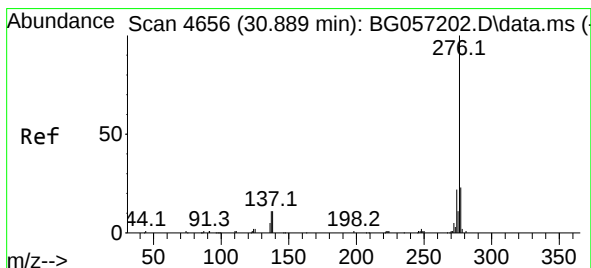
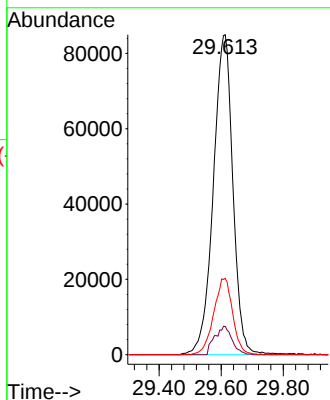
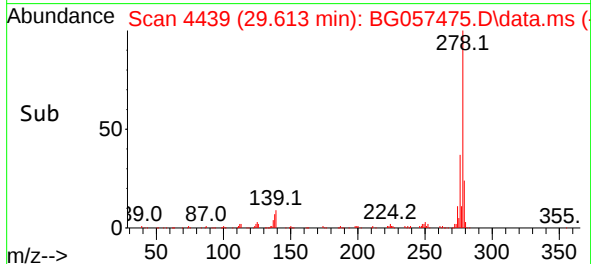
Instrument :
BNA_G
ClientSampleId :
TP5MS



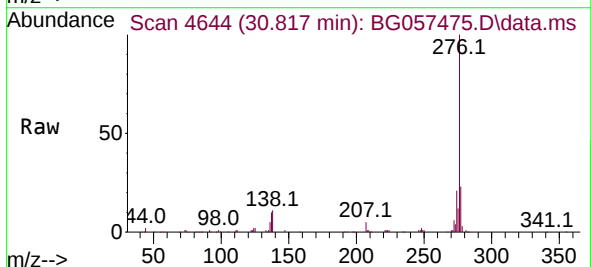
Tgt Ion:278 Resp: 37176
Ion Ratio Lower Upper
278 100
139 8.8 6.2 9.2
279 23.8 18.6 27.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#92
Benzo(g,h,i)perylene
Concen: 47.201 ng
RT: 30.817 min Scan# 4644
Delta R.T. -0.020 min
Lab File: BG057475.D
Acq: 19 May 2023 20:14



Tgt Ion:276 Resp: 356326
Ion Ratio Lower Upper
276 100
277 22.9 18.4 27.6
138 11.1 9.0 13.4

