

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051223\
 Data File : BG057417.D
 Acq On : 12 May 2023 20:20
 Operator : CG/JU
 Sample : 02747-02MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-03-10-12-20230510MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/15/2023
 Supervised By : Yogesh Patel 05/16/2023

Quant Time: May 13 03:20:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 12 22:04:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.363	152	16030	20.000	ng	0.00
21) Naphthalene-d8	11.200	136	69010	20.000	ng	0.00
39) Acenaphthene-d10	14.977	164	54845	20.000	ng	0.00
64) Phenanthrene-d10	17.720	188	134470	20.000	ng	0.00
76) Chrysene-d12	22.026	240	118487	20.000	ng	0.00
86) Perylene-d12	25.533	264	129217	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.878	112	102719	109.615	ng	0.00
7) Phenol-d6	7.505	99	157132	110.422	ng	0.00
23) Nitrobenzene-d5	9.543	82	99881	60.746	ng	0.00
42) 2,4,6-Tribromophenol	16.463	330	85291	109.601	ng	0.00
45) 2-Fluorobiphenyl	13.602	172	264837	65.035	ng	0.00
79) Terphenyl-d14	20.288	244	482513	66.456	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.675	88	14137	36.486	ng	95
3) Pyridine	4.098	79	41004	32.930	ng	93
4) n-Nitrosodimethylamine	4.010	42	22487	38.429	ng	92
6) Aniline	7.675	93	77581	42.976	ng	97
8) 2-Chlorophenol	7.922	128	53891	54.424	ng	96
9) Benzaldehyde	7.487	77	39134	54.363	ng	96
10) Phenol	7.534	94	76272	54.984	ng	100
11) bis(2-Chloroethyl)ether	7.763	93	47686	45.588	ng	98
12) 1,3-Dichlorobenzene	8.251	146	53335	48.803	ng	96
13) 1,4-Dichlorobenzene	8.398	146	55232	50.313	ng	97
14) 1,2-Dichlorobenzene	8.727	146	53253	50.250	ng	98
15) Benzyl Alcohol	8.598	79	60815	51.300	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.879	45	59625	45.225	ng	98
17) 2-Methylphenol	8.803	107	51887	51.890	ng	97
18) Hexachloroethane	9.461	117	19738	49.824	ng	97
19) n-Nitroso-di-n-propyla...	9.167	70	48767	44.944	ng	# 97
20) 3+4-Methylphenols	9.132	107	72527	52.970	ng	94
22) Acetophenone	9.191	105	88702	44.909	ng	# 98
24) Nitrobenzene	9.584	77	71178	42.889	ng	92
25) Isophorone	10.107	82	135165	42.394	ng	99
26) 2-Nitrophenol	10.307	139	32578	51.285	ng	93
27) 2,4-Dimethylphenol	10.348	122	57179	51.405	ng	98
28) bis(2-Chloroethoxy)met...	10.577	93	71291	44.633	ng	96
29) 2,4-Dichlorophenol	10.847	162	64827	54.949	ng	96
30) 1,2,4-Trichlorobenzene	11.059	180	64898	47.693	ng	97
31) Naphthalene	11.253	128	170779	46.290	ng	99
32) Benzoic acid	10.507	122	33916	52.398	ng	94
33) 4-Chloroaniline	11.353	127	55825	33.694	ng	95
34) Hexachlorobutadiene	11.523	225	45794	45.355	ng	97
35) Caprolactam	12.128	113	20557m	51.011	ng	
36) 4-Chloro-3-methylphenol	12.457	107	71604	53.408	ng	97
37) 2-Methylnaphthalene	12.833	142	135959	46.871	ng	96
38) 1-Methylnaphthalene	13.050	142	128051m	46.835	ng	
40) 1,2,4,5-Tetrachloroben...	13.191	216	95530	49.064	ng	100
41) Hexachlorocyclopentadiene	13.162	237	82659	87.667	ng	96
43) 2,4,6-Trichlorophenol	13.426	196	62595	52.769	ng	99

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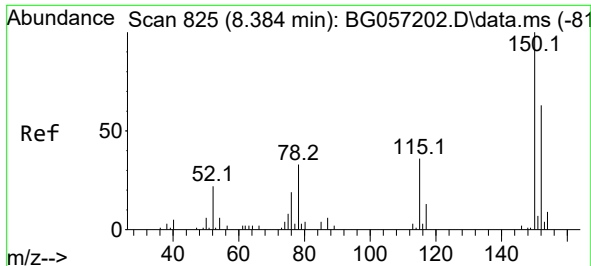
Quant Time: May 13 03:20:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
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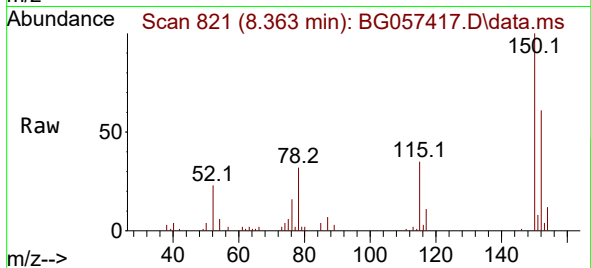
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.503	196	66345	47.548	ng	99
46) 1,1'-Biphenyl	13.814	154	199343	48.982	ng	97
47) 2-Chloronaphthalene	13.867	162	149052	49.252	ng	98
48) 2-Nitroaniline	14.067	65	49081	47.697	ng	94
49) Acenaphthylene	14.707	152	237990	48.405	ng	99
50) Dimethylphthalate	14.419	163	203993	45.262	ng	98
51) 2,6-Dinitrotoluene	14.548	165	45584	49.537	ng	89
52) Acenaphthene	15.048	154	146554	47.702	ng	98
53) 3-Nitroaniline	14.883	138	33613	36.462	ng	87
54) 2,4-Dinitrophenol	15.095	184	58704	101.600	ng	99
55) Dibenzofuran	15.377	168	247653	47.976	ng	98
56) 4-Nitrophenol	15.189	139	62312	101.629	ng	94
57) 2,4-Dinitrotoluene	15.335	165	64054	48.706	ng	96
58) Fluorene	16.023	166	203914	47.958	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.600	232	65041	51.415	ng	99
60) Diethylphthalate	15.758	149	206334	45.081	ng	99
61) 4-Chlorophenyl-phenyle...	15.999	204	120576	47.073	ng	97
62) 4-Nitroaniline	16.040	138	43578	46.858	ng	90
63) Azobenzene	16.293	77	195707	44.317	ng	97
65) 4,6-Dinitro-2-methylph...	16.099	198	45740	56.973	ng	99
66) n-Nitrosodiphenylamine	16.217	169	176600	48.354	ng	98
67) 4-Bromophenyl-phenylether	16.892	248	80105	48.799	ng	99
68) Hexachlorobenzene	17.027	284	84377	52.894	ng	96
69) Atrazine	17.151	200	79025	56.722	ng	97
70) Pentachlorophenol	17.368	266	84407	91.812	ng	96
71) Phenanthrene	17.762	178	330629	47.983	ng	99
72) Anthracene	17.856	178	334619	47.328	ng	98
73) Carbazole	18.120	167	293337	49.282	ng	99
74) Di-n-butylphthalate	18.637	149	328546	47.975	ng	99
75) Fluoranthene	19.753	202	399079	46.567	ng	99
77) Benzidine	19.917	184	229411	86.605	ng	98
78) Pyrene	20.111	202	403704	46.888	ng	99
80) Butylbenzylphthalate	20.963	149	139766	51.161	ng	97
81) Benzo(a)anthracene	22.009	228	407814	48.309	ng	98
82) 3,3'-Dichlorobenzidine	21.903	252	115506	42.718	ng	# 98
83) Chrysene	22.079	228	369207	46.483	ng	99
84) Bis(2-ethylhexyl)phtha...	21.850	149	201725	49.907	ng	99
85) Di-n-octyl phthalate	23.148	149	342110	50.769	ng	97
87) Indeno(1,2,3-cd)pyrene	29.587	276	450908	47.880	ng	# 96
88) Benzo(b)fluoranthene	24.411	252	413075	48.903	ng	99
89) Benzo(k)fluoranthene	24.488	252	403413	46.999	ng	98
90) Benzo(a)pyrene	25.369	252	359179	43.525	ng	97
91) Dibenzo(a,h)anthracene	29.645	278	376160	47.962	ng	99
92) Benzo(g,h,i)perylene	30.861	276	361453	47.200	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.363 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20

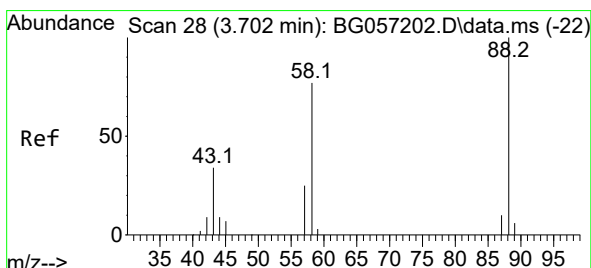
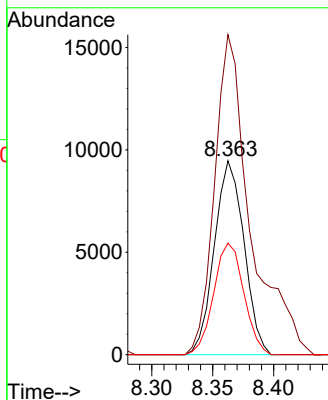
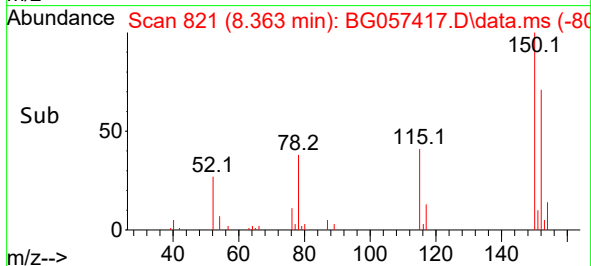
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MSD



Tgt Ion: 152 Resp: 16030
Ion Ratio Lower Upper
152 100
150 165.0 126.2 189.4
115 57.5 45.0 67.4

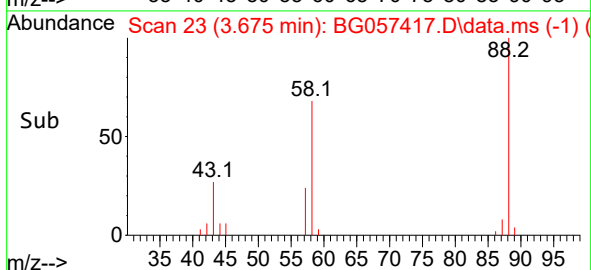
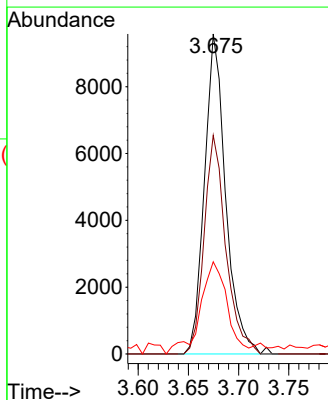
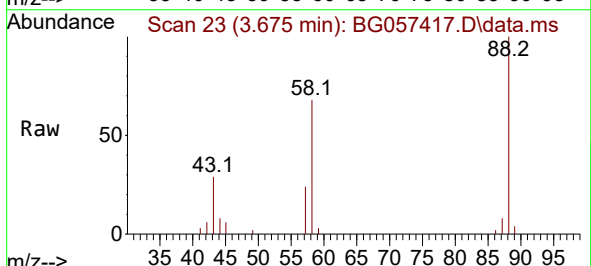
Manual Integrations
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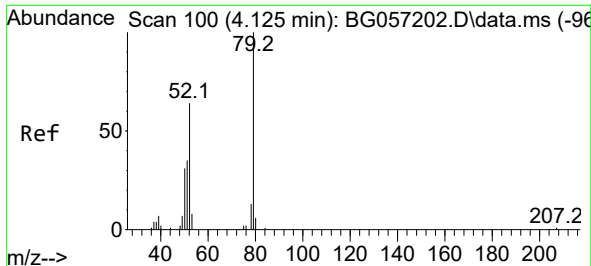
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#2
1,4-Dioxane
Concen: 36.486 ng
RT: 3.675 min Scan# 23
Delta R.T. -0.007 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20

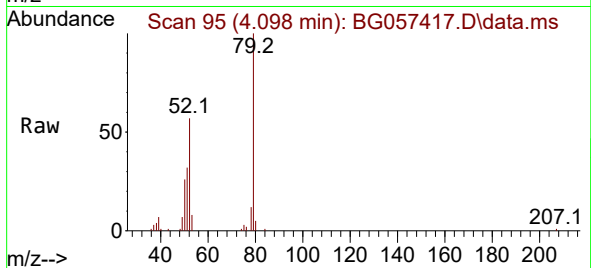
Tgt Ion: 88 Resp: 14137
Ion Ratio Lower Upper
88 100
58 69.8 57.1 85.7
43 36.3 24.4 36.6





#3
Pyridine
Concen: 32.930 ng
RT: 4.098 min Scan# 91
Delta R.T. -0.007 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20

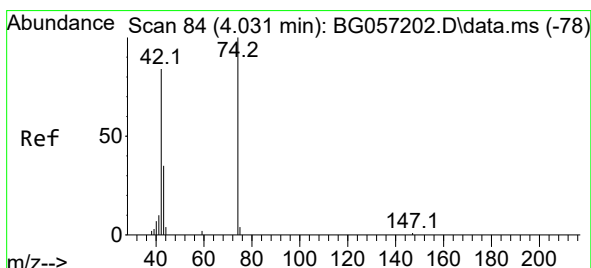
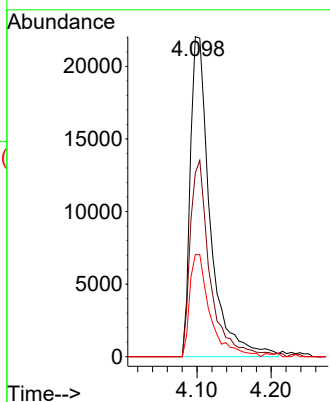
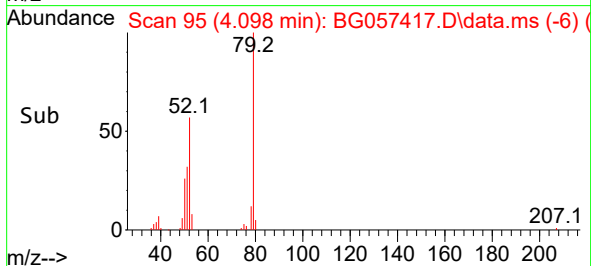
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MSD



Tgt Ion: 79 Resp: 41004
Ion Ratio Lower Upper
79 100
52 57.4 51.4 77.0
51 31.9 28.0 42.0

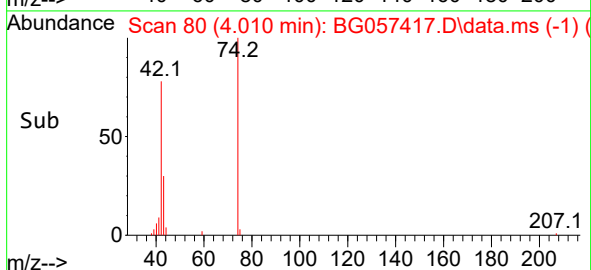
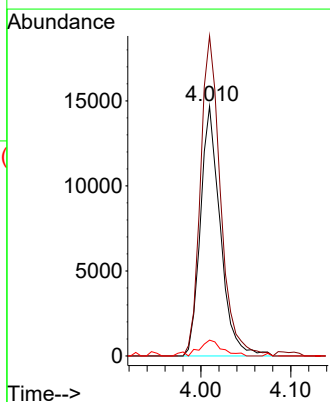
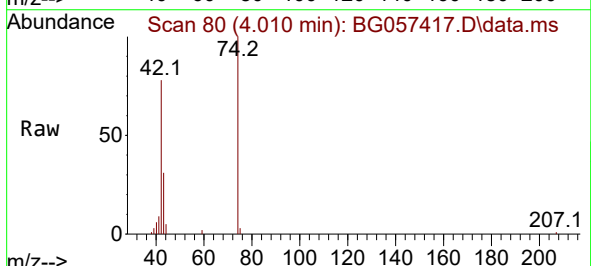
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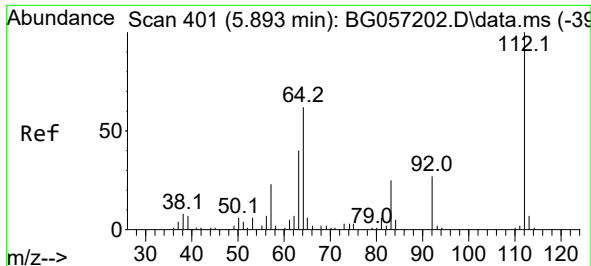
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#4
n-Nitrosodimethylamine
Concen: 38.429 ng
RT: 4.010 min Scan# 80
Delta R.T. -0.001 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20

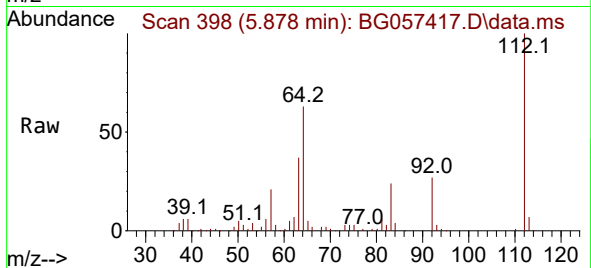
Tgt Ion: 42 Resp: 22487
Ion Ratio Lower Upper
42 100
74 128.2 95.1 142.7
44 6.4 5.8 8.8





#5
2-Fluorophenol
Concen: 109.615 ng
RT: 5.878 min Scan# 398
Delta R.T. -0.001 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20

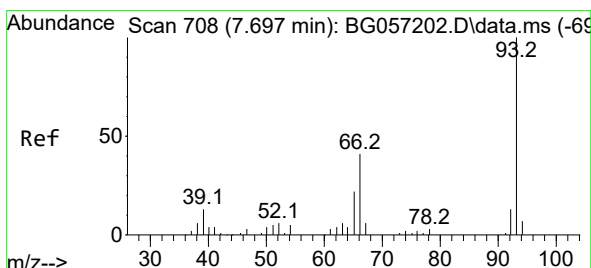
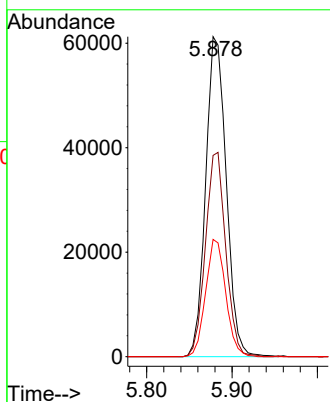
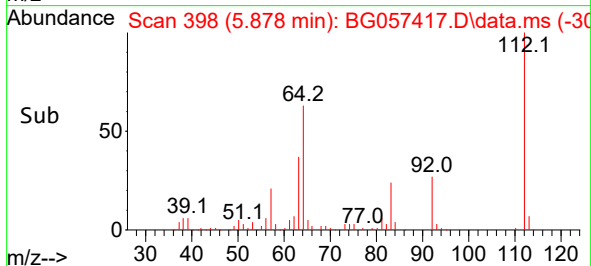
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MSD



Tgt Ion:112 Resp: 102719
Ion Ratio Lower Upper
112 100
64 62.9 49.4 74.2
63 36.7 31.6 47.4

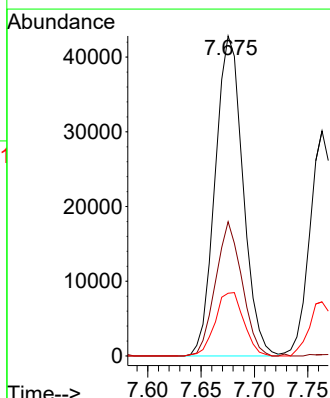
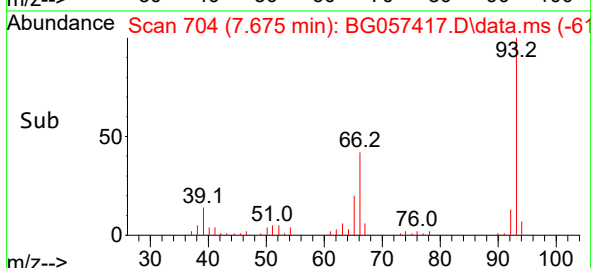
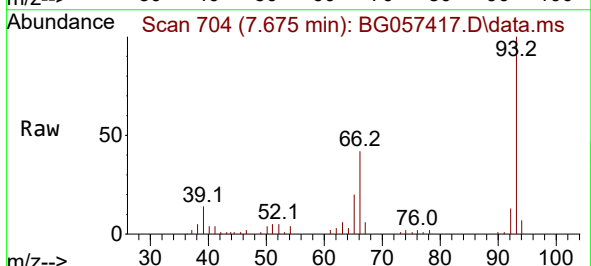
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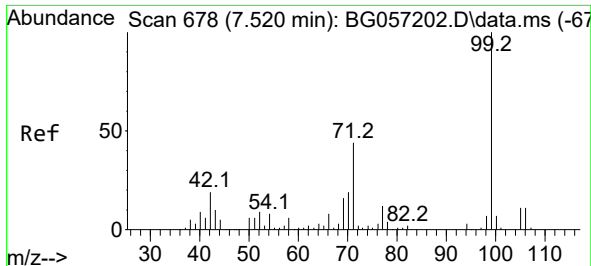
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#6
Aniline
Concen: 42.976 ng
RT: 7.675 min Scan# 704
Delta R.T. -0.001 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20

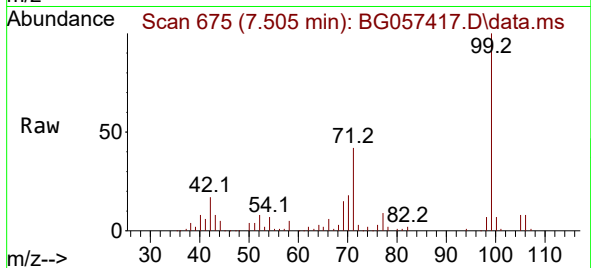
Tgt Ion: 93 Resp: 77581
Ion Ratio Lower Upper
93 100
66 41.9 33.0 49.6
65 19.6 18.0 27.0





#7
Phenol-d6
Concen: 110.422 ng
RT: 7.505 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20

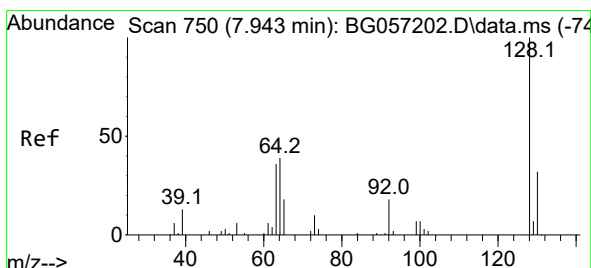
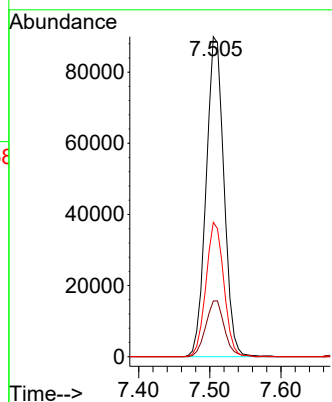
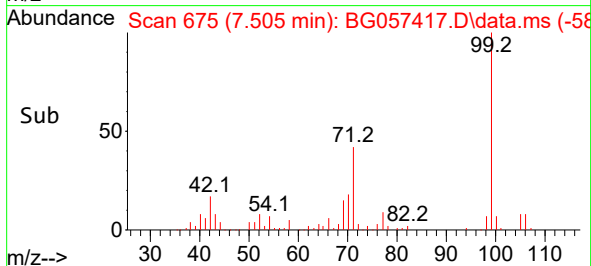
Instrument :
BNA_G
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Tgt Ion: 99 Resp: 15713
Ion Ratio Lower Upper
99 100
42 17.4 15.1 22.7
71 42.0 35.2 52.8

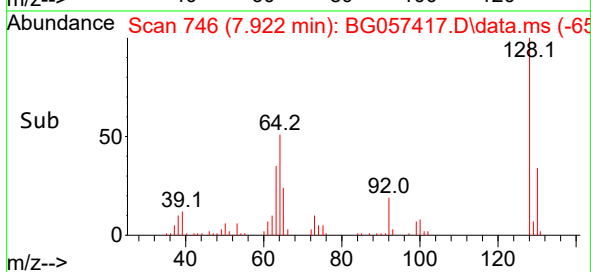
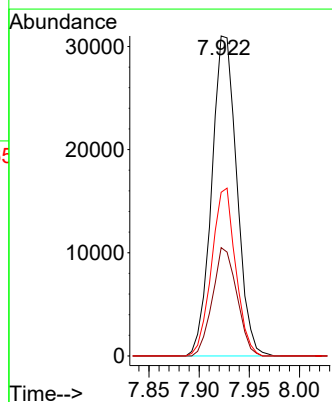
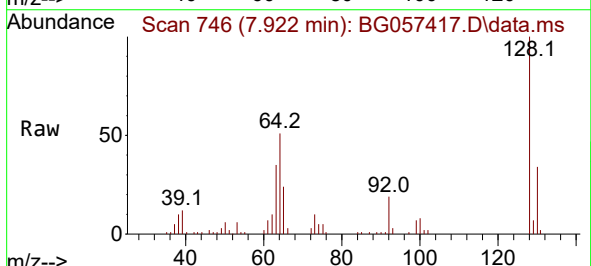
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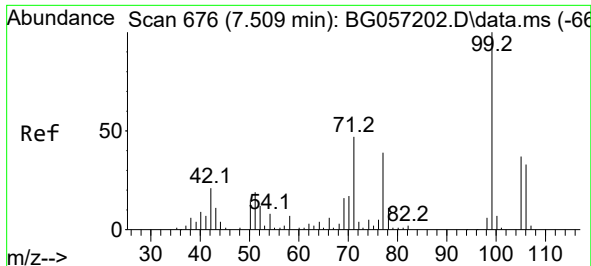
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#8
2-Chlorophenol
Concen: 54.424 ng
RT: 7.922 min Scan# 746
Delta R.T. -0.001 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20

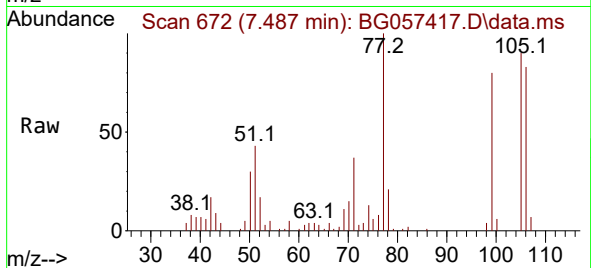
Tgt Ion:128 Resp: 53891
Ion Ratio Lower Upper
128 100
130 33.8 12.2 52.2
64 51.2 28.4 68.4





#9
Benzaldehyde
Concen: 54.363 ng
RT: 7.487 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20

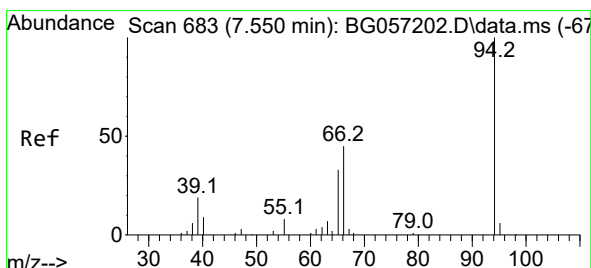
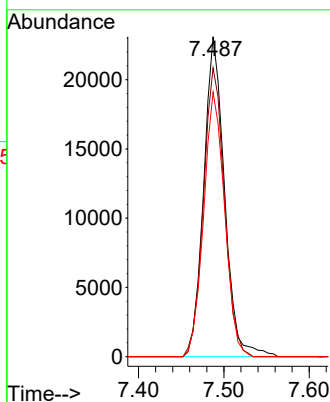
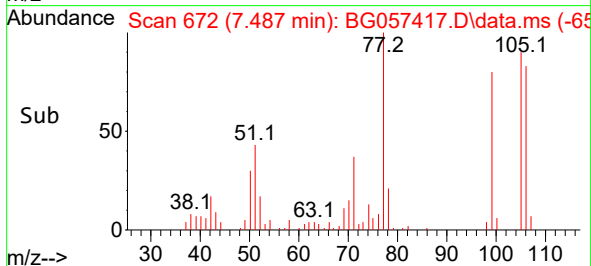
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MSD



Tgt Ion: 77 Resp: 39134
Ion Ratio Lower Upper
77 100
105 90.2 74.6 114.6
106 82.7 66.3 106.3

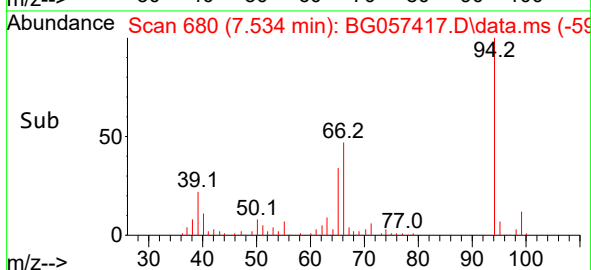
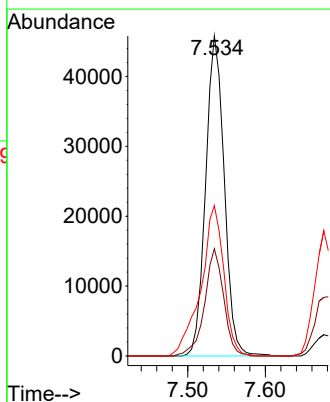
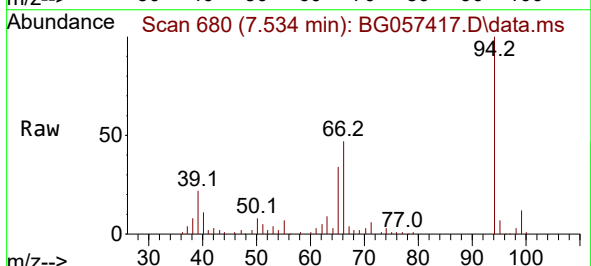
Manual Integrations
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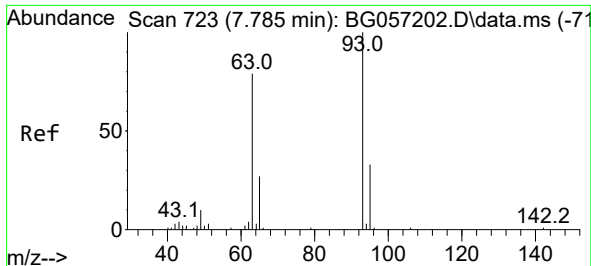
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#10
Phenol
Concen: 54.984 ng
RT: 7.534 min Scan# 680
Delta R.T. -0.001 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20

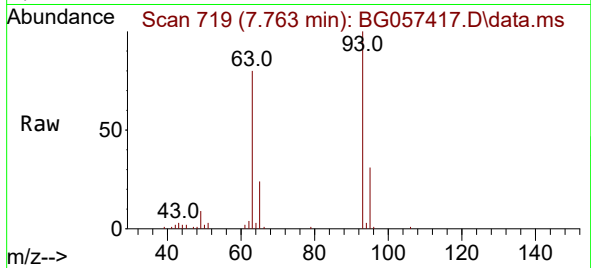
Tgt Ion: 94 Resp: 76272
Ion Ratio Lower Upper
94 100
65 33.5 13.5 53.5
66 47.0 26.7 66.7





#11
bis(2-Chloroethyl)ether
Concen: 45.588 ng
RT: 7.763 min Scan# 719
Delta R.T. -0.001 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20

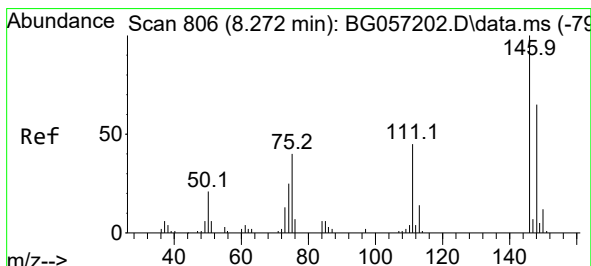
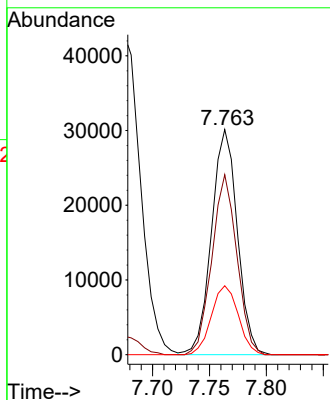
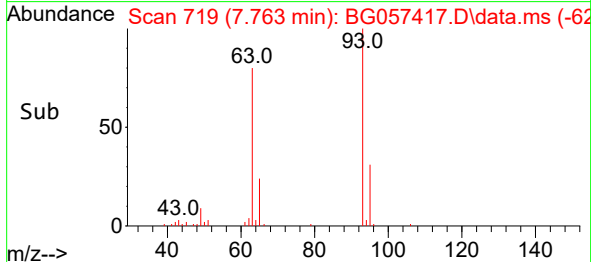
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MSD



Tgt Ion: 93 Resp: 47680
Ion Ratio Lower Upper
93 100
63 79.9 58.6 98.6
95 30.6 12.2 52.2

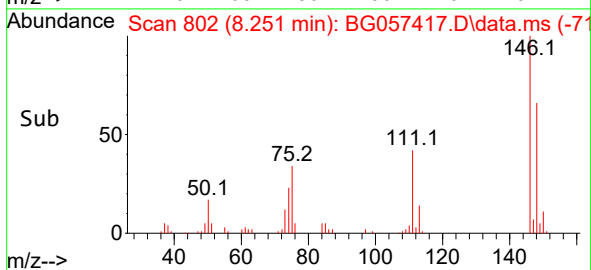
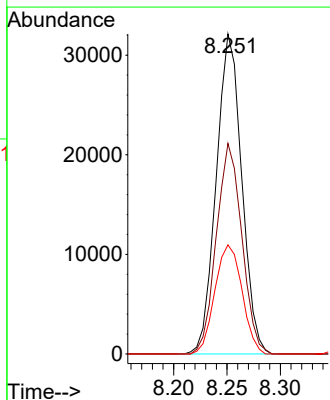
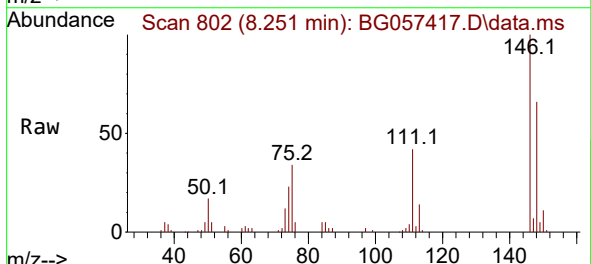
Manual Integrations
APPROVED

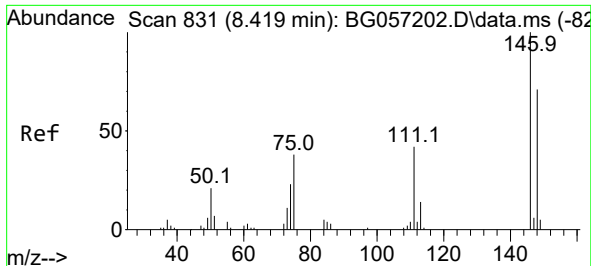
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#12
1,3-Dichlorobenzene
Concen: 48.803 ng
RT: 8.251 min Scan# 802
Delta R.T. -0.001 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20

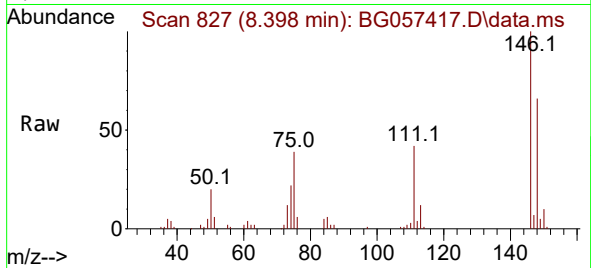
Tgt Ion:146 Resp: 53335
Ion Ratio Lower Upper
146 100
148 65.8 52.2 78.2
75 34.1 31.7 47.5





#13
1,4-Dichlorobenzene
Concen: 50.313 ng
RT: 8.398 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20

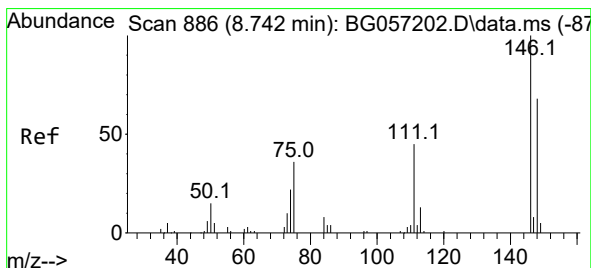
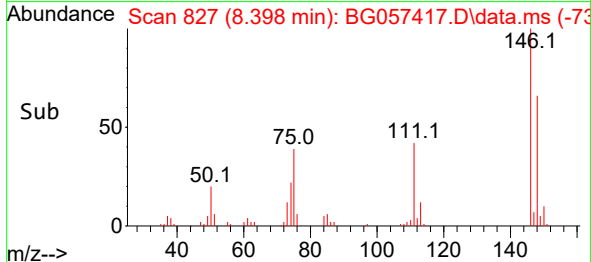
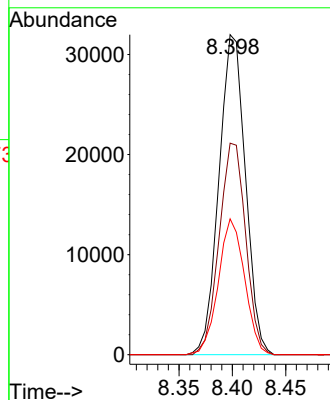
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MSD



Tgt Ion:146 Resp: 5523
Ion Ratio Lower Upper
146 100
148 66.1 56.4 84.6
111 42.5 33.8 50.6

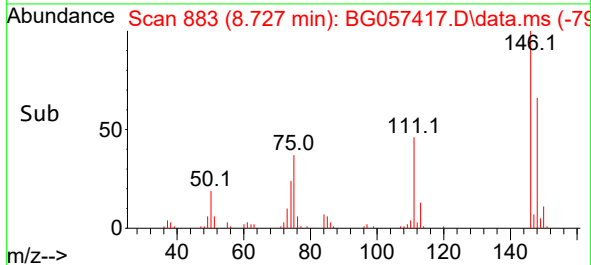
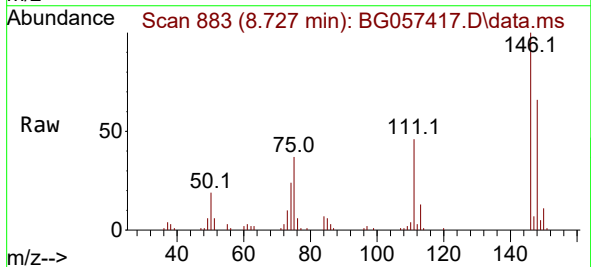
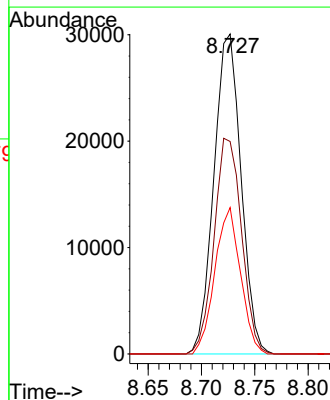
Manual Integrations
APPROVED

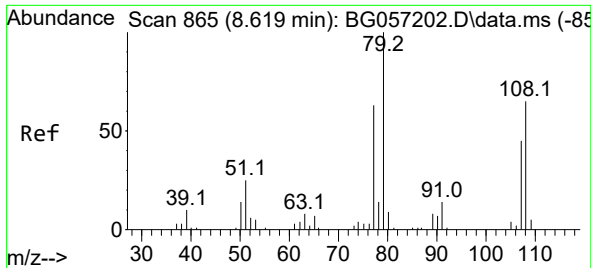
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#14
1,2-Dichlorobenzene
Concen: 50.250 ng
RT: 8.727 min Scan# 883
Delta R.T. -0.001 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20

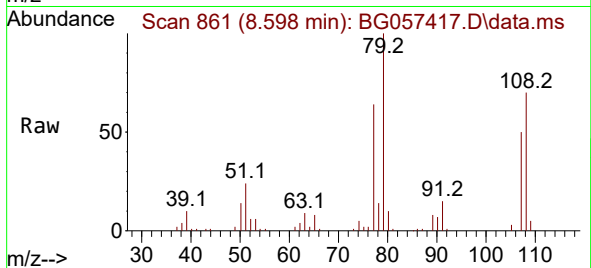
Tgt Ion:146 Resp: 53253
Ion Ratio Lower Upper
146 100
148 66.4 54.6 82.0
111 45.7 37.2 55.8





#15
Benzyl Alcohol
Concen: 51.300 ng
RT: 8.598 min Scan# 80
Delta R.T. -0.001 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20

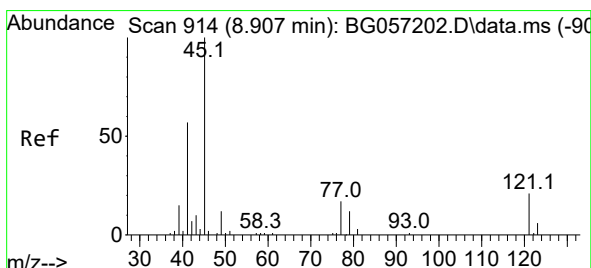
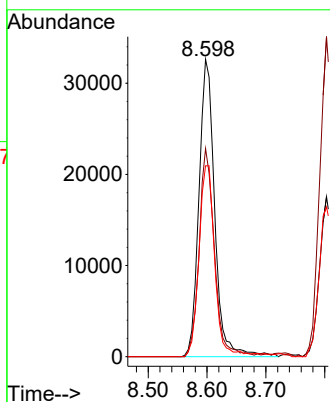
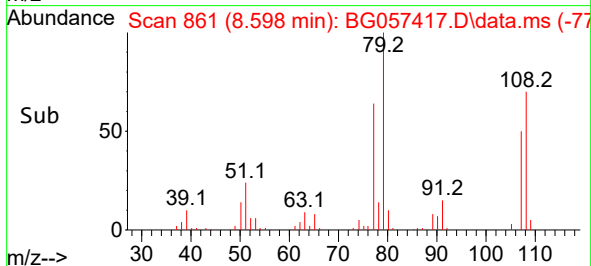
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MSD



Tgt Ion: 79 Resp: 6081
Ion Ratio Lower Upper
79 100
108 70.0 52.2 78.2
77 64.2 50.1 75.1

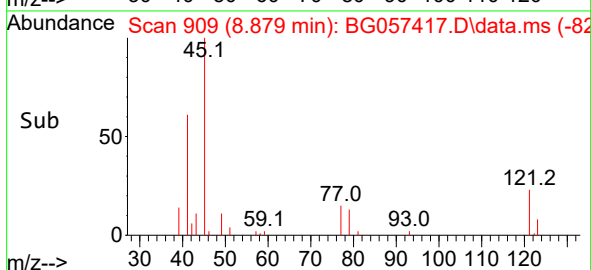
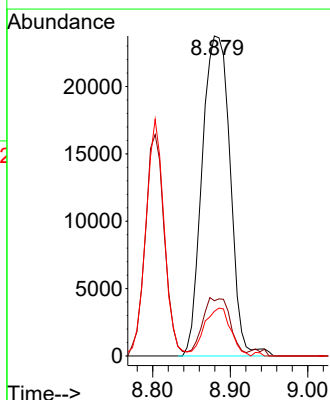
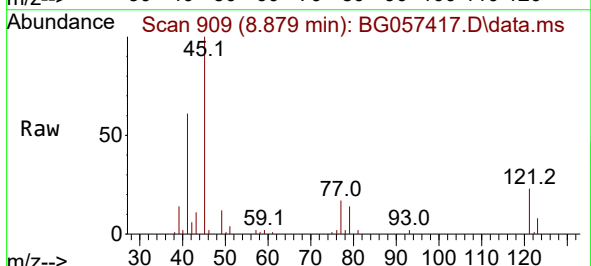
Manual Integrations
APPROVED

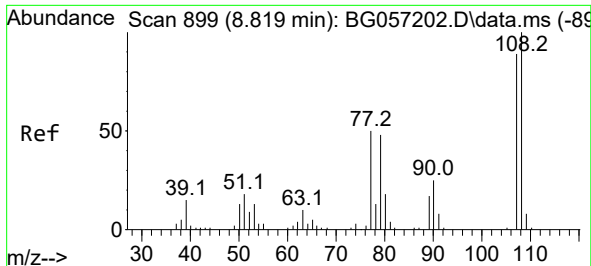
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.225 ng
RT: 8.879 min Scan# 909
Delta R.T. -0.007 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20

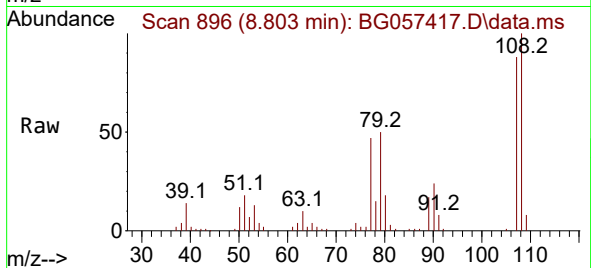
Tgt Ion: 45 Resp: 59625
Ion Ratio Lower Upper
45 100
77 17.3 0.0 38.5
79 13.9 0.0 33.8





#17
2-Methylphenol
Concen: 51.890 ng
RT: 8.803 min Scan# 899
Delta R.T. -0.001 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20

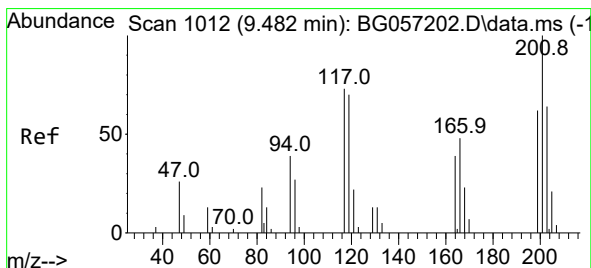
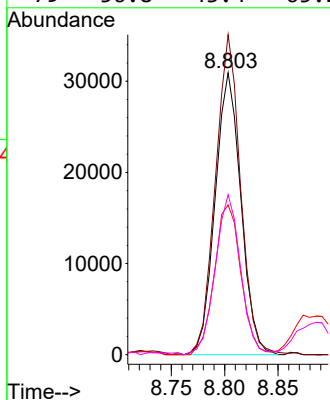
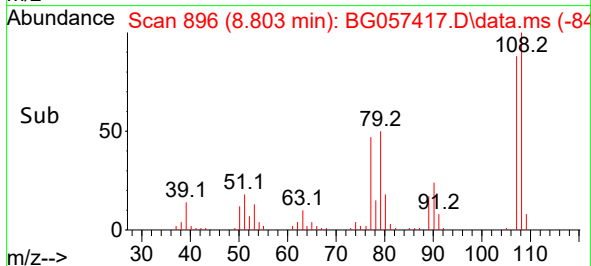
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MSD



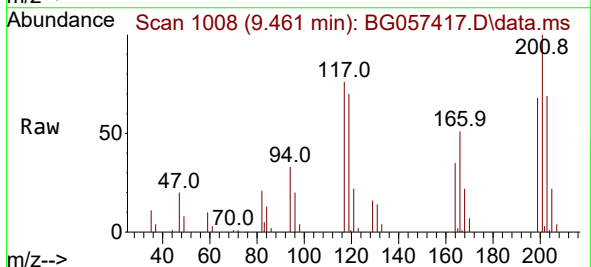
Tgt Ion:107 Resp: 5188
Ion Ratio Lower Upper
107 100
108 113.5 89.5 134.3
77 53.1 45.1 67.7
79 56.8 43.4 65.2

Manual Integrations
APPROVED

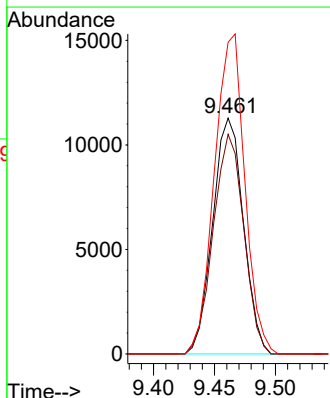
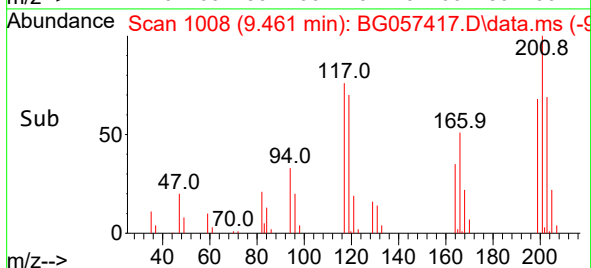
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

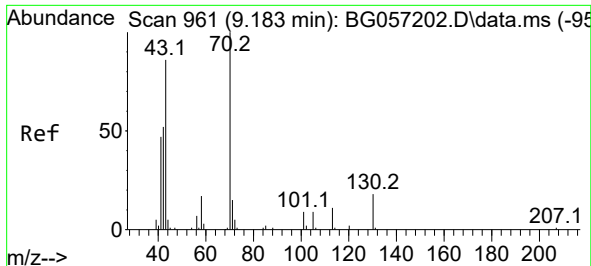


#18
Hexachloroethane
Concen: 49.824 ng
RT: 9.461 min Scan# 1008
Delta R.T. -0.001 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20



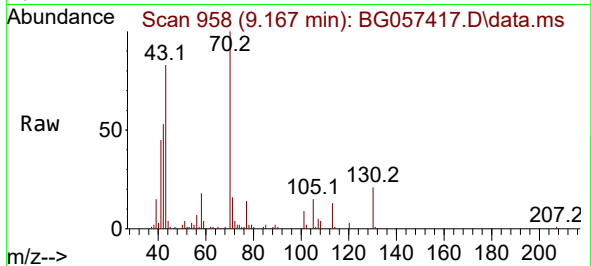
Tgt Ion:117 Resp: 19738
Ion Ratio Lower Upper
117 100
119 93.2 76.7 115.1
201 132.2 109.0 163.4





#19
n-Nitroso-di-n-propylamine
Concen: 44.944 ng
RT: 9.167 min Scan# 91
Delta R.T. -0.001 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20

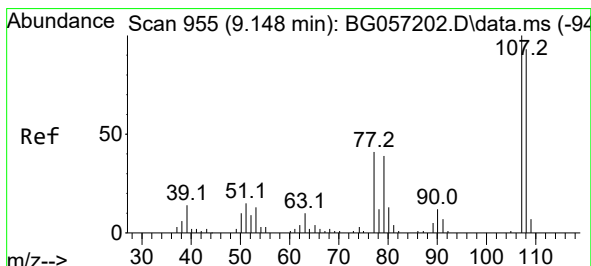
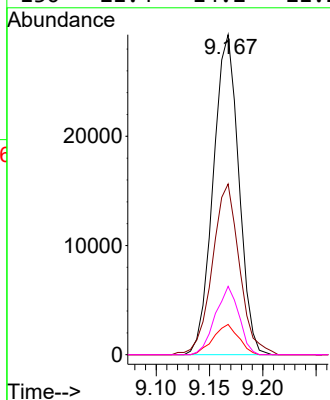
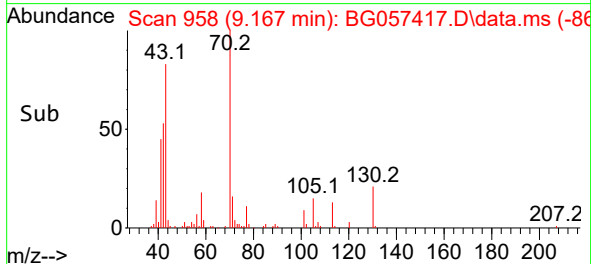
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MSD



Tgt Ion: 70 Resp: 4876
Ion Ratio Lower Upper
70 100
42 53.3 41.8 62.8
101 9.4 6.8 10.2
130 21.4 14.2 21.2#

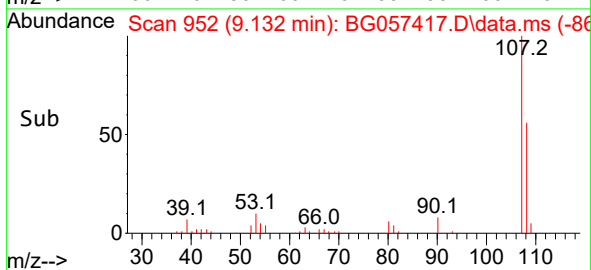
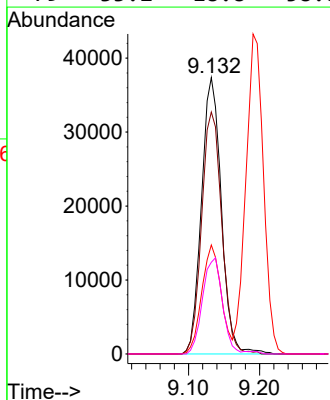
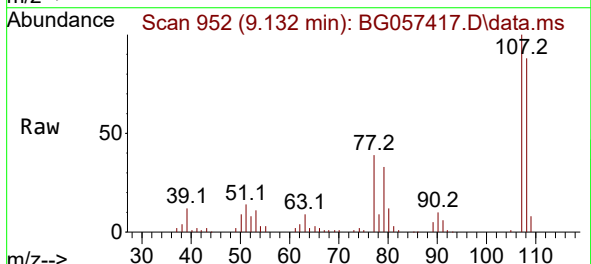
Manual Integrations
APPROVED

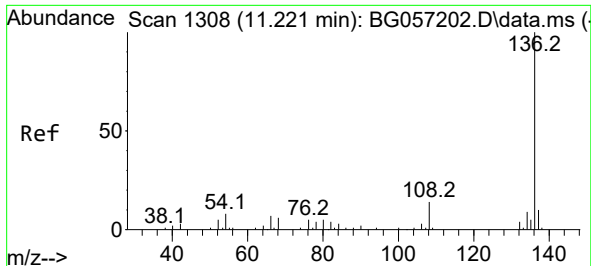
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#20
3+4-Methylphenols
Concen: 52.970 ng
RT: 9.132 min Scan# 952
Delta R.T. -0.001 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20

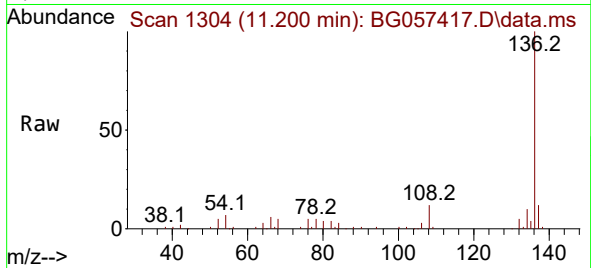
Tgt Ion:107 Resp: 72527
Ion Ratio Lower Upper
107 100
108 87.5 73.5 113.5
77 39.4 21.1 61.1
79 33.2 18.8 58.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.200 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20

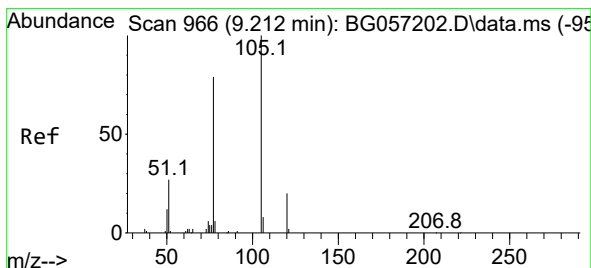
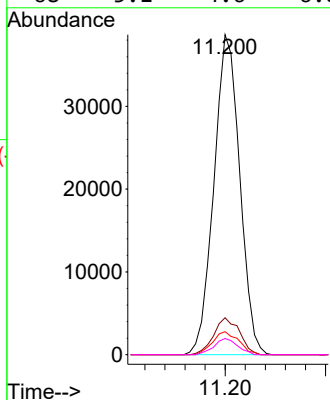
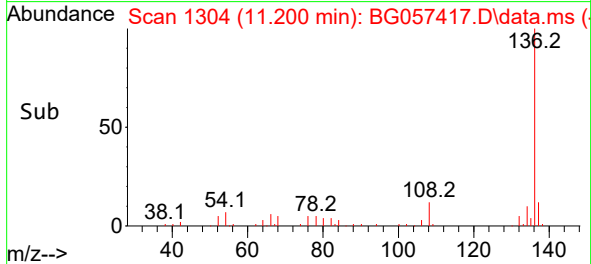
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MSD



Tgt Ion:136 Resp: 69010
Ion Ratio Lower Upper
136 100
137 11.6 8.3 12.5
54 7.2 6.7 10.1
68 5.1 4.6 6.8

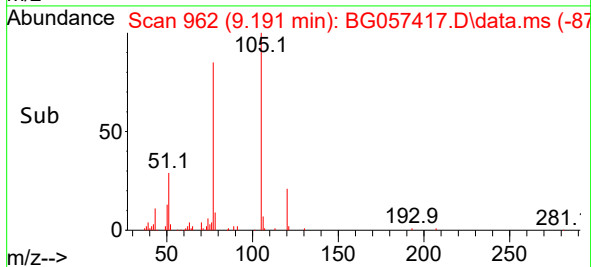
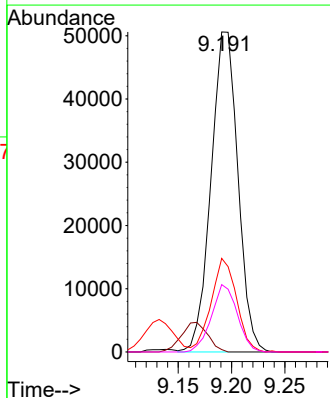
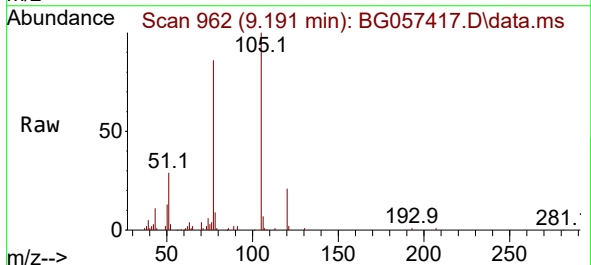
Manual Integrations
APPROVED

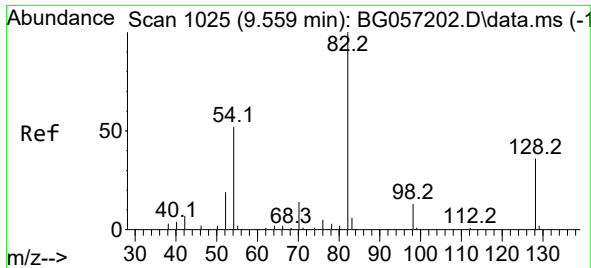
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#22
Acetophenone
Concen: 44.909 ng
RT: 9.191 min Scan# 962
Delta R.T. -0.001 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20

Tgt Ion:105 Resp: 88702
Ion Ratio Lower Upper
105 100
71 0.7 0.4 0.6#
51 29.3 24.0 36.0
120 21.0 15.8 23.8





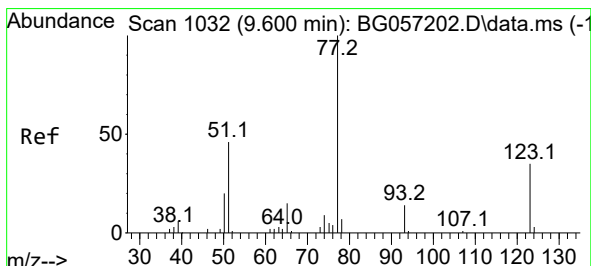
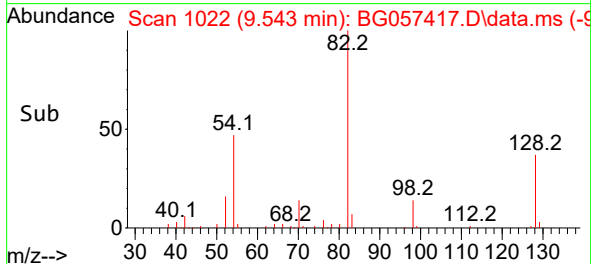
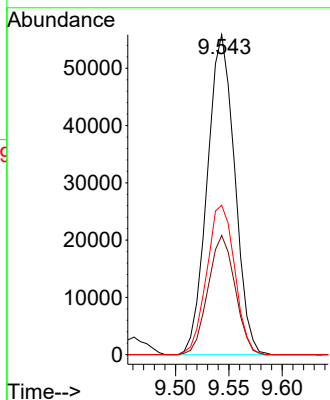
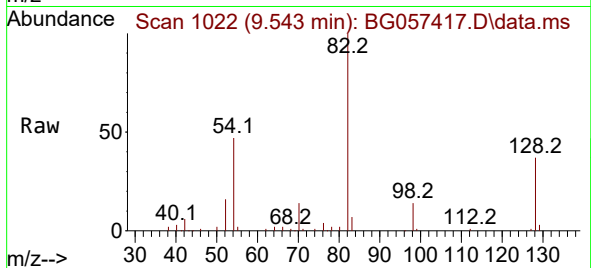
#23
Nitrobenzene-d5
Concen: 60.746 ng
RT: 9.543 min Scan# 1022
Delta R.T. -0.001 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20

Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MSD

Tgt Ion: 82 Resp: 9988
Ion Ratio Lower Upper
82 100
128 37.2 29.0 43.4
54 46.7 41.4 62.0

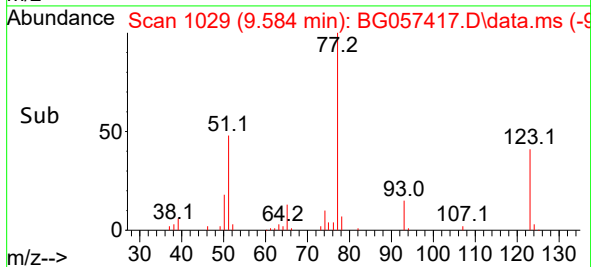
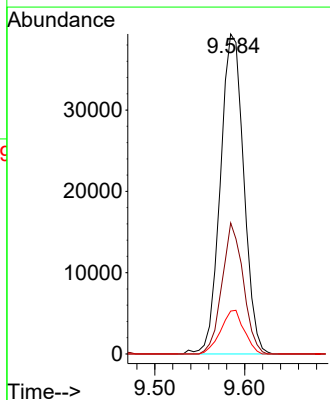
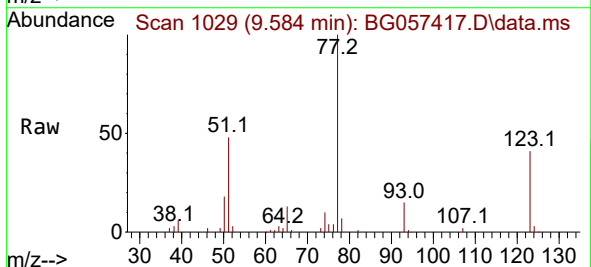
Manual Integrations
APPROVED

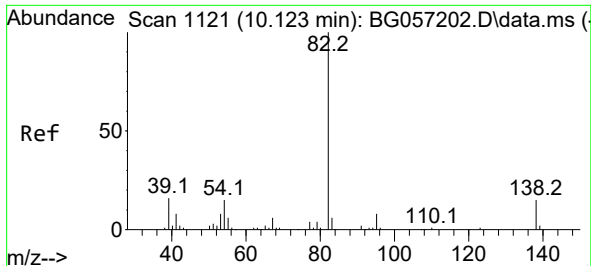
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#24
Nitrobenzene
Concen: 42.889 ng
RT: 9.584 min Scan# 1029
Delta R.T. -0.001 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20

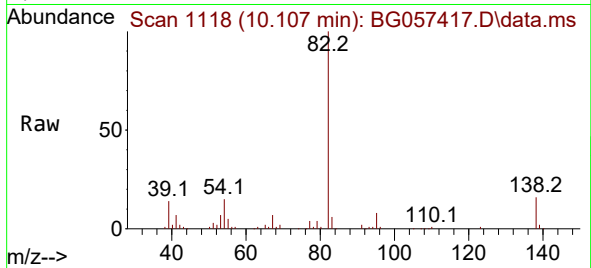
Tgt Ion: 77 Resp: 71178
Ion Ratio Lower Upper
77 100
123 41.0 28.2 42.2
65 13.4 11.7 17.5





#25
Isophorone
Concen: 42.394 ng
RT: 10.107 min Scan# 1118
Delta R.T. 0.005 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20

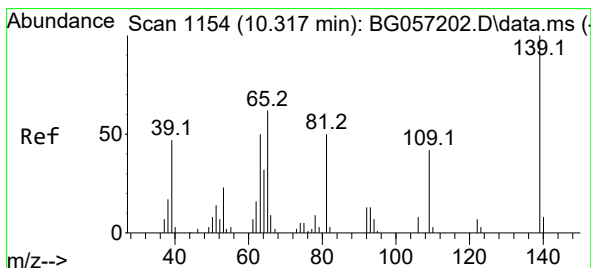
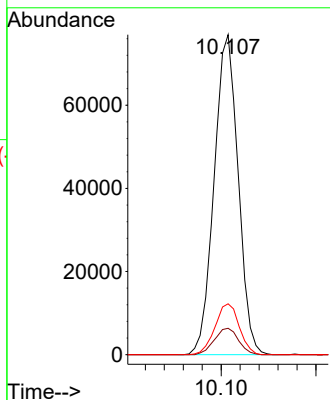
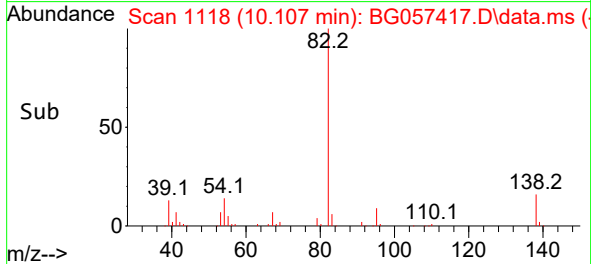
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MSD



Tgt Ion: 82 Resp: 13516
Ion Ratio Lower Upper
82 100
95 8.3 6.4 9.6
138 15.9 12.3 18.5

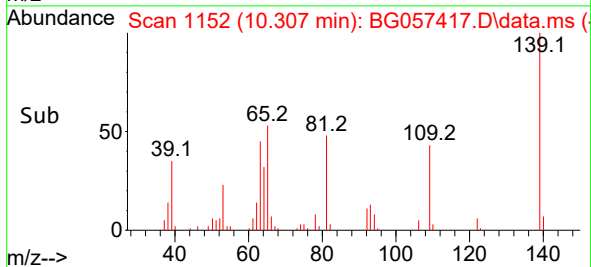
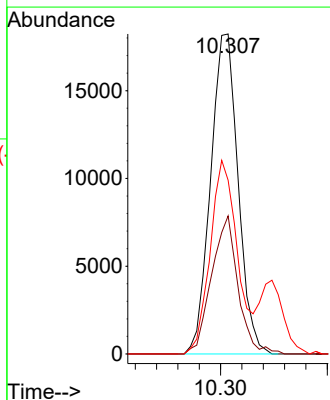
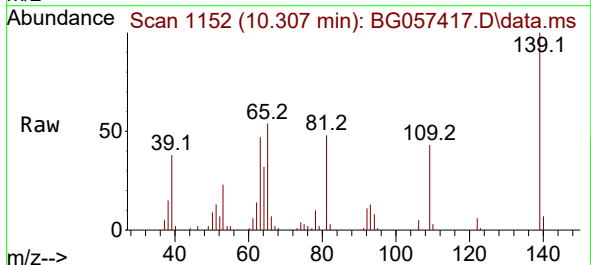
Manual Integrations
APPROVED

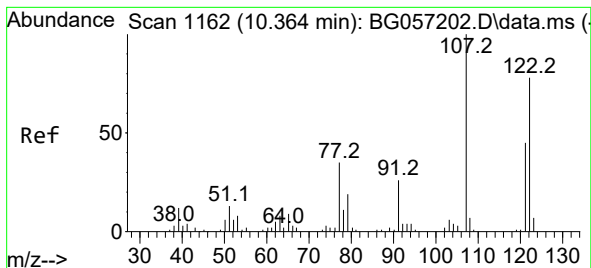
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#26
2-Nitrophenol
Concen: 51.285 ng
RT: 10.307 min Scan# 1152
Delta R.T. 0.005 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20

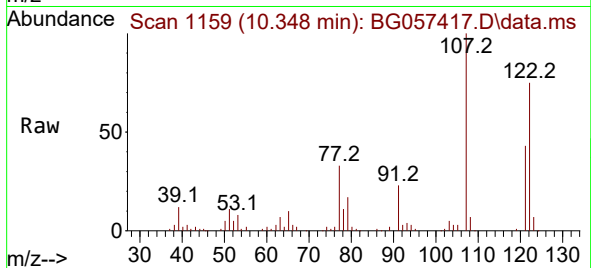
Tgt Ion:139 Resp: 32578
Ion Ratio Lower Upper
139 100
109 43.2 33.4 50.2
65 54.3 49.8 74.6





#27
2,4-Dimethylphenol
Concen: 51.405 ng
RT: 10.348 min Scan# 1159
Delta R.T. 0.005 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20

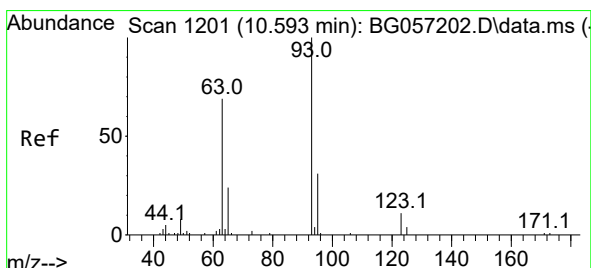
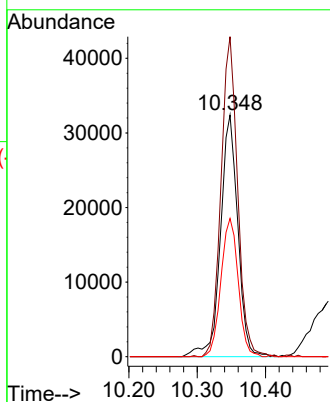
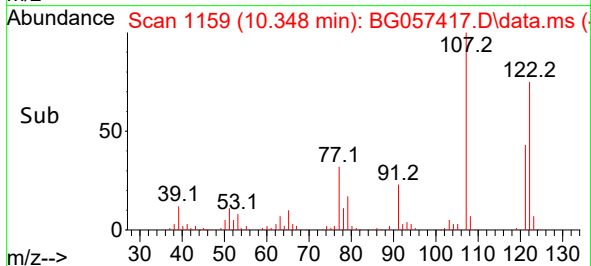
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MSD



Tgt Ion:122 Resp: 57179
Ion Ratio Lower Upper
122 100
107 132.5 103.0 154.4
121 57.2 45.9 68.9

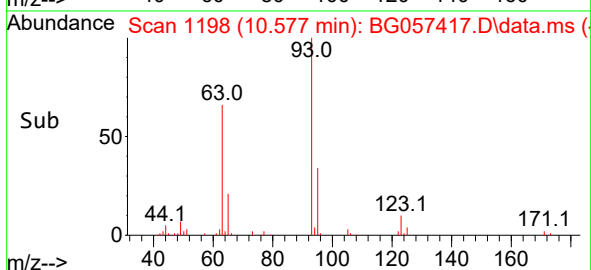
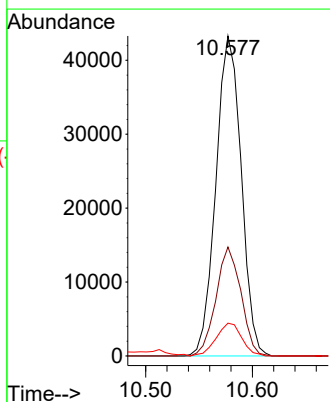
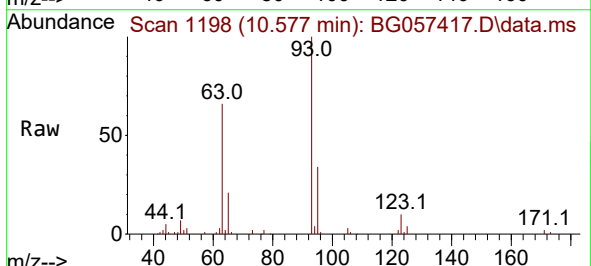
Manual Integrations
APPROVED

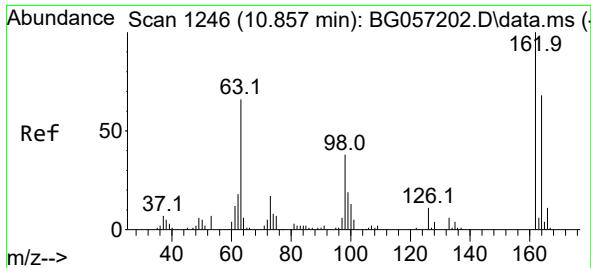
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#28
bis(2-Chloroethoxy)methane
Concen: 44.633 ng
RT: 10.577 min Scan# 1198
Delta R.T. -0.001 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20

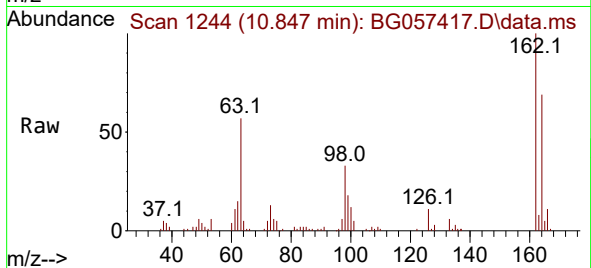
Tgt Ion: 93 Resp: 71291
Ion Ratio Lower Upper
93 100
95 34.1 25.0 37.6
123 10.3 8.5 12.7





#29
2,4-Dichlorophenol
Concen: 54.949 ng
RT: 10.847 min Scan# 11
Delta R.T. 0.005 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20

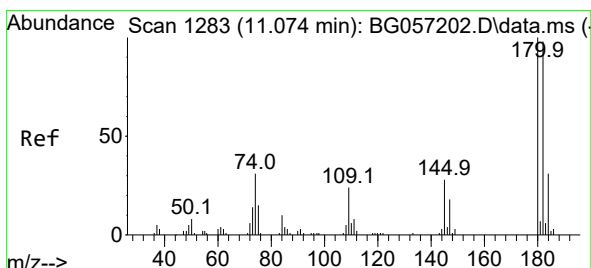
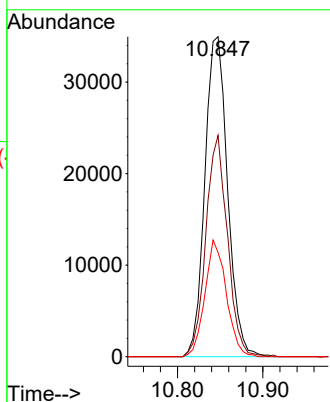
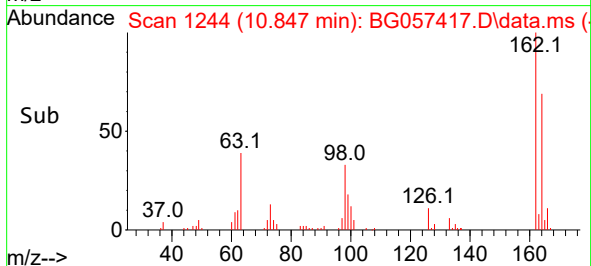
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MSD



Tgt Ion:162 Resp: 6482
Ion Ratio Lower Upper
162 100
164 69.1 48.4 88.4
98 32.5 17.6 57.6

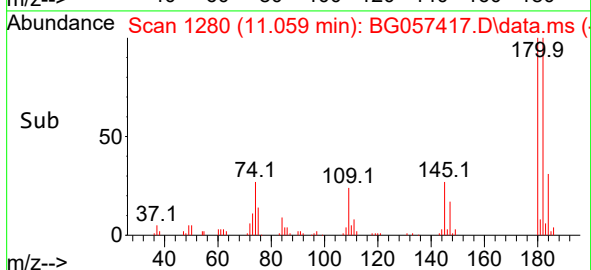
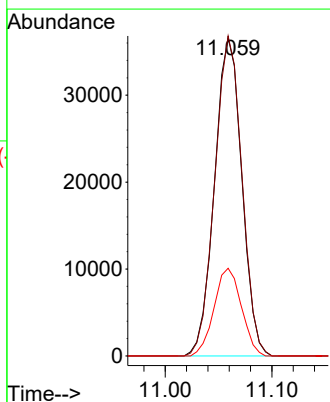
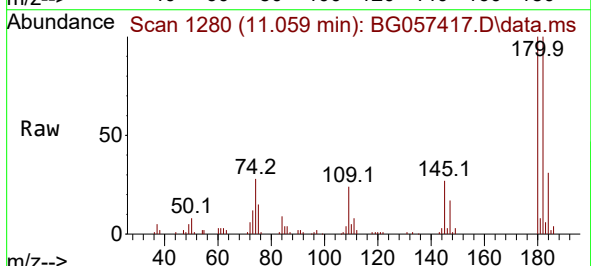
Manual Integrations
APPROVED

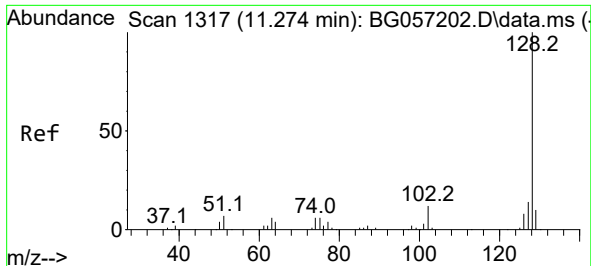
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#30
1,2,4-Trichlorobenzene
Concen: 47.693 ng
RT: 11.059 min Scan# 1280
Delta R.T. -0.001 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20

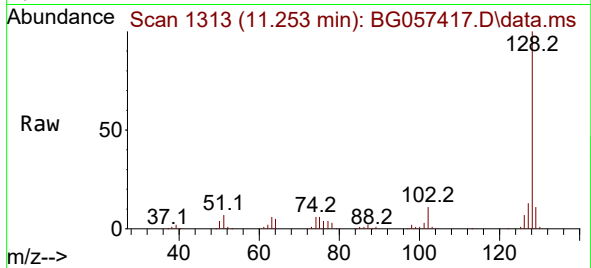
Tgt Ion:180 Resp: 64898
Ion Ratio Lower Upper
180 100
182 100.5 78.0 117.0
145 27.6 22.4 33.6





#31
Naphthalene
Concen: 46.290 ng
RT: 11.253 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20

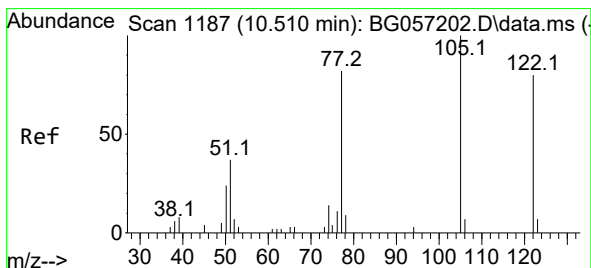
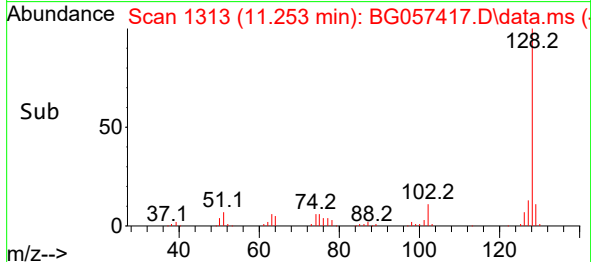
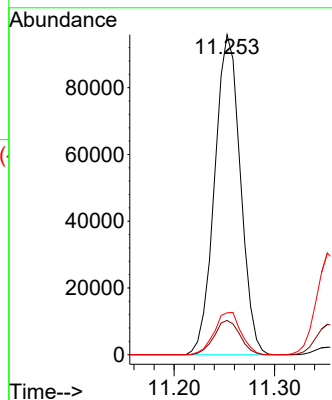
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MSD



Tgt Ion:128 Resp: 170779
Ion Ratio Lower Upper
128 100
129 10.7 8.3 12.5
127 13.1 11.1 16.7

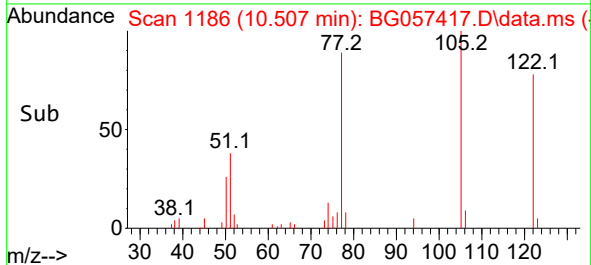
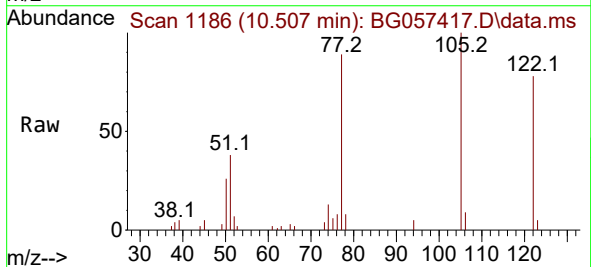
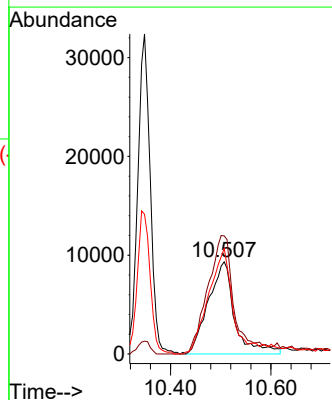
Manual Integrations
APPROVED

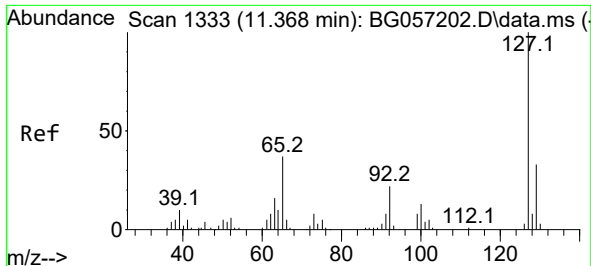
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#32
Benzoic acid
Concen: 52.398 ng
RT: 10.507 min Scan# 1186
Delta R.T. 0.017 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20

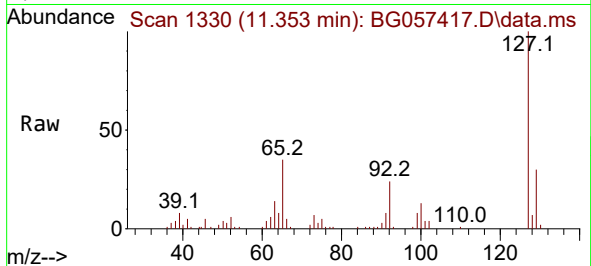
Tgt Ion:122 Resp: 33916
Ion Ratio Lower Upper
122 100
105 128.1 105.2 145.2
77 114.5 83.1 123.1





#33
4-Chloroaniline
Concen: 33.694 ng
RT: 11.353 min Scan# 1133
Delta R.T. -0.001 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20

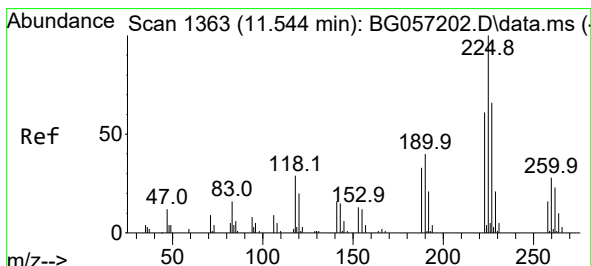
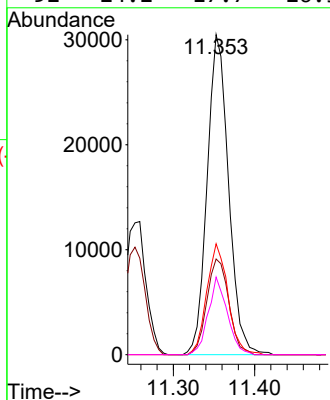
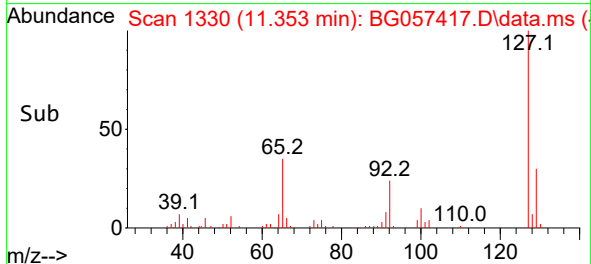
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MSD



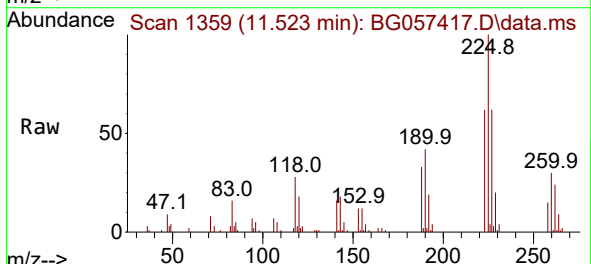
Tgt Ion	Ratio	Lower	Upper
127	100		
129	29.9	26.7	40.1
65	34.6	29.7	44.5
92	24.2	17.7	26.5

Manual Integrations
APPROVED

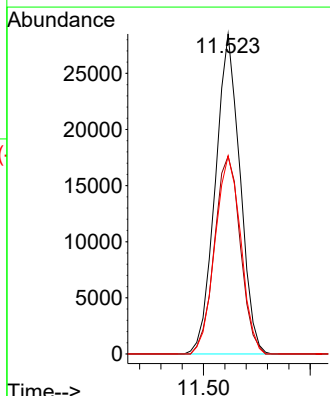
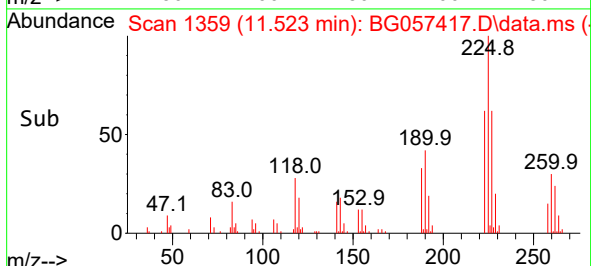
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

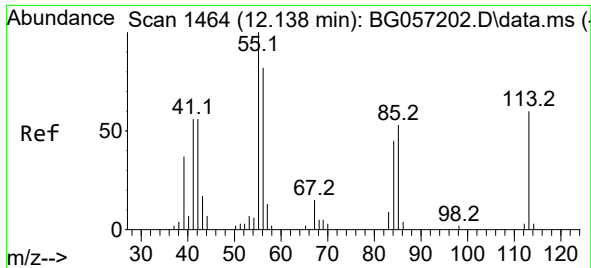


#34
Hexachlorobutadiene
Concen: 45.355 ng
RT: 11.523 min Scan# 1359
Delta R.T. -0.001 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20



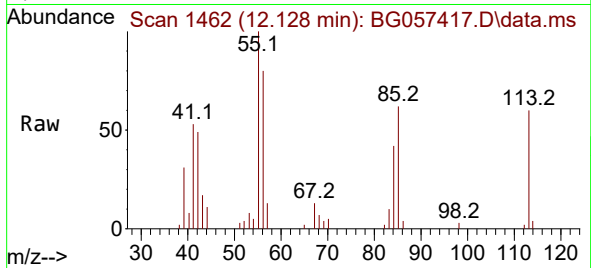
Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	48.6	72.8
227	61.9	52.7	79.1





#35
Caprolactam
Concen: 51.011 ng m
RT: 12.128 min Scan# 1464
Delta R.T. -0.001 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20

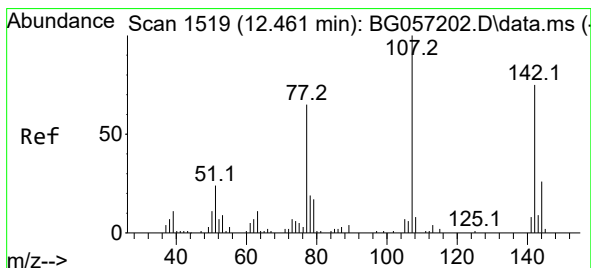
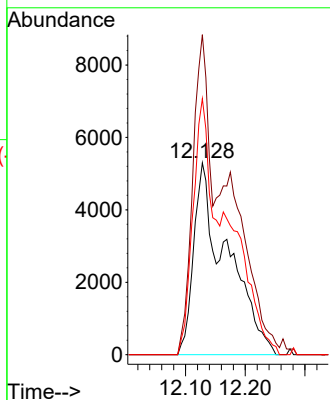
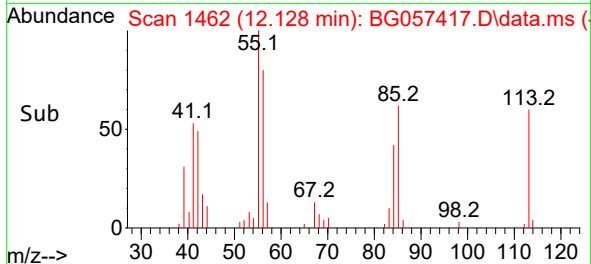
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MSD



Tgt Ion:113 Resp: 2055
Ion Ratio Lower Upper
113 100
55 166.8 145.5 185.5
56 133.5 115.9 155.9

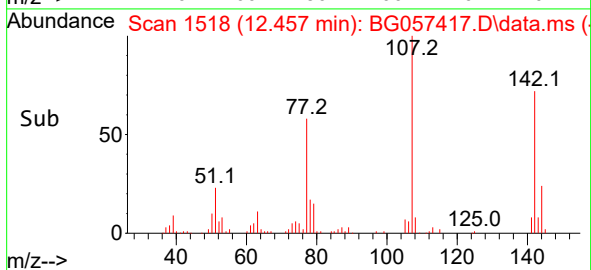
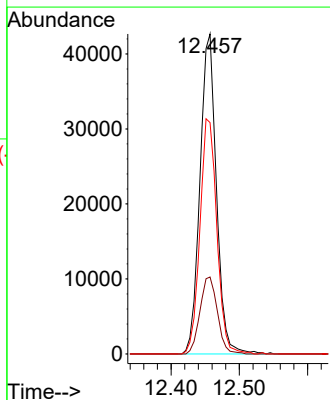
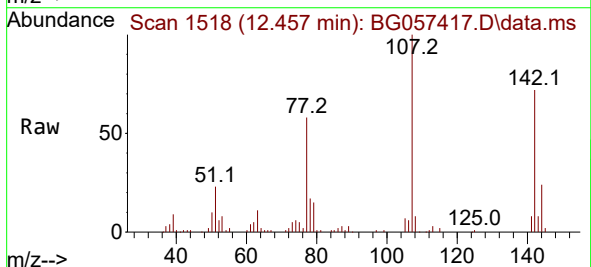
Manual Integrations
APPROVED

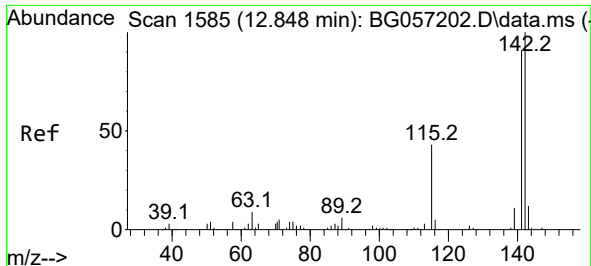
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#36
4-Chloro-3-methylphenol
Concen: 53.408 ng
RT: 12.457 min Scan# 1518
Delta R.T. 0.005 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20

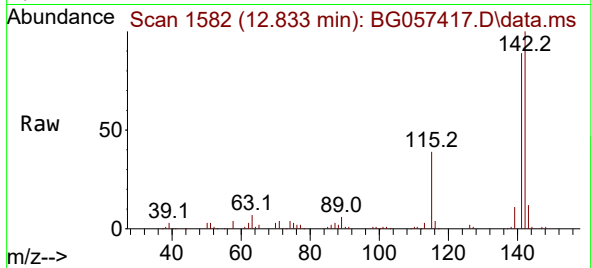
Tgt Ion:107 Resp: 71604
Ion Ratio Lower Upper
107 100
144 24.0 21.0 31.6
142 72.3 60.0 90.0





#37
2-Methylnaphthalene
Concen: 46.871 ng
RT: 12.833 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20

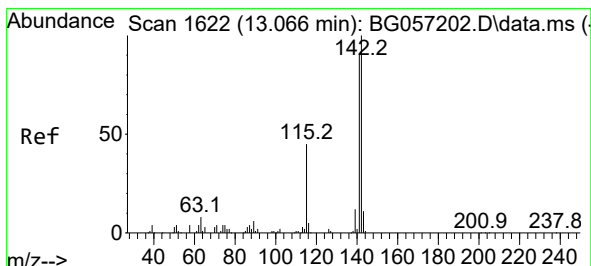
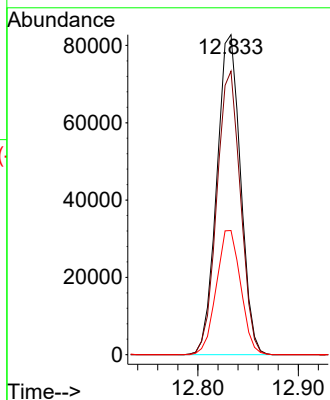
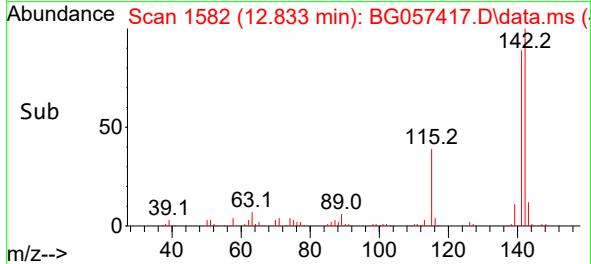
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MSD



Tgt Ion:142 Resp: 135959
Ion Ratio Lower Upper
142 100
141 88.6 73.1 109.7
115 38.8 34.6 52.0

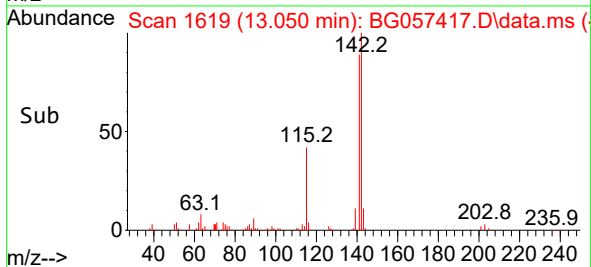
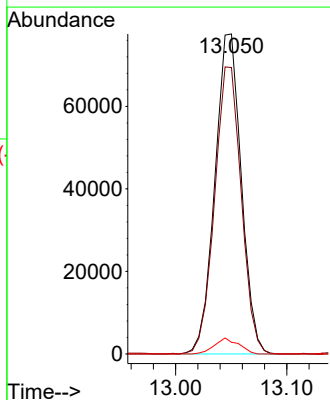
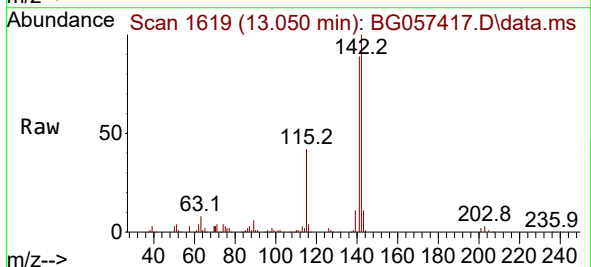
Manual Integrations
APPROVED

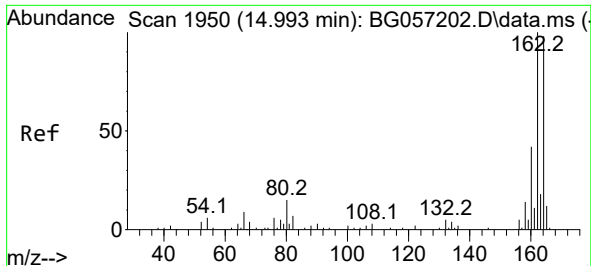
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#38
1-Methylnaphthalene
Concen: 46.835 ng m
RT: 13.050 min Scan# 1619
Delta R.T. -0.001 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20

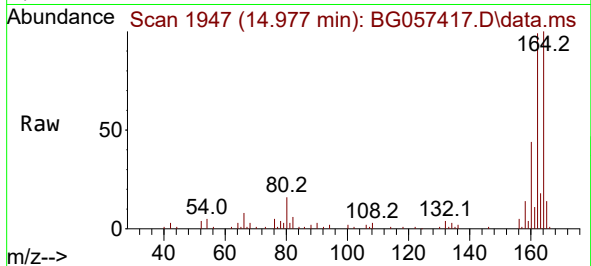
Tgt Ion:142 Resp: 128051
Ion Ratio Lower Upper
142 100
141 89.5 72.5 108.7
116 3.7 3.7 5.5#





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.977 min Scan# 1947
Delta R.T. -0.001 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20

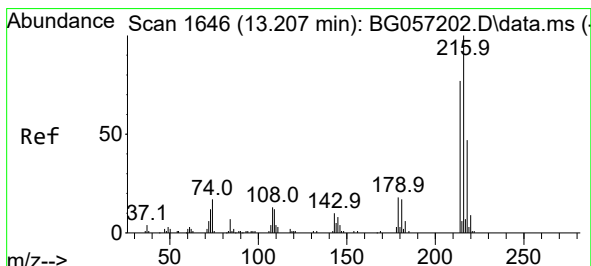
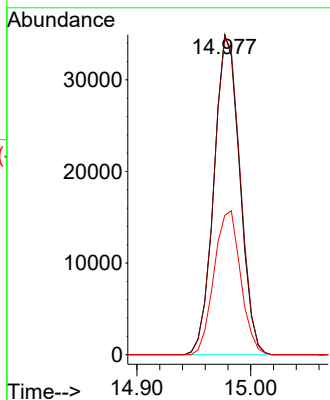
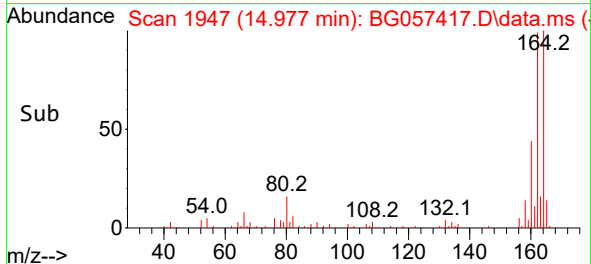
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MSD



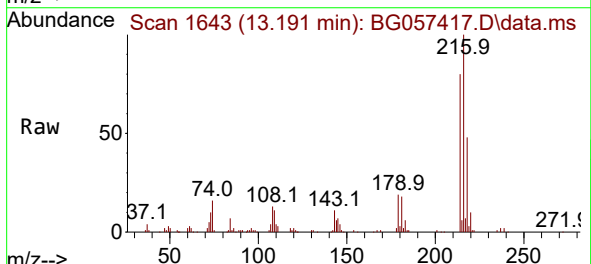
Tgt Ion:164 Resp: 5484
Ion Ratio Lower Upper
164 100
162 99.4 81.8 122.6
160 43.5 34.6 52.0

Manual Integrations
APPROVED

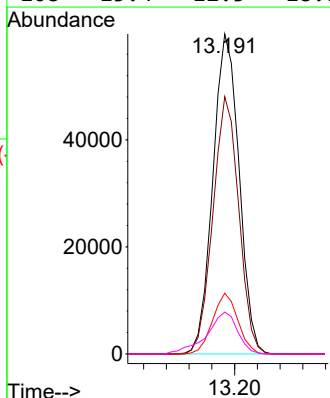
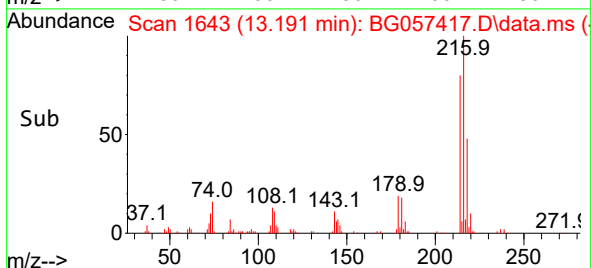
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

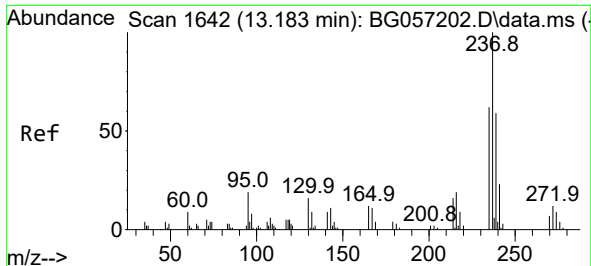


#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.064 ng
RT: 13.191 min Scan# 1643
Delta R.T. -0.001 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20



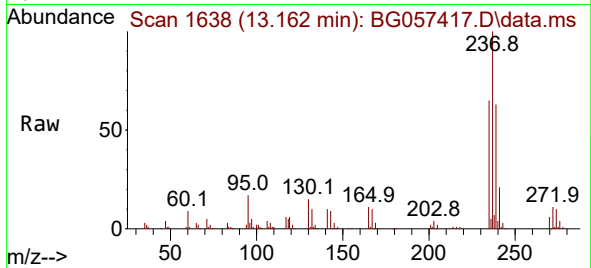
Tgt Ion:216 Resp: 95530
Ion Ratio Lower Upper
216 100
214 79.4 63.7 95.5
179 18.3 14.6 22.0
108 15.4 12.5 18.7





#41
Hexachlorocyclopentadiene
Concen: 87.667 ng
RT: 13.162 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20

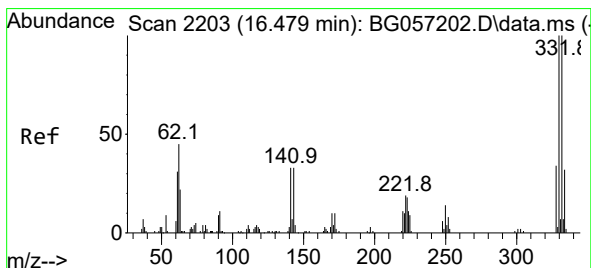
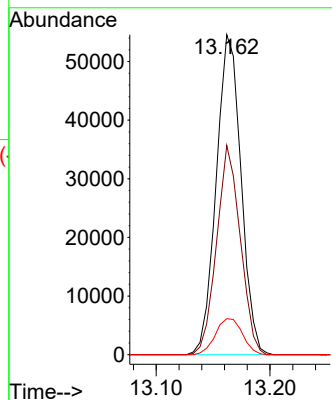
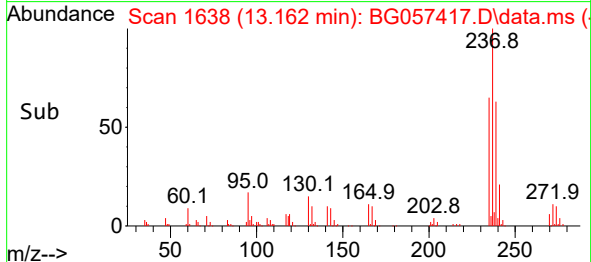
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MSD



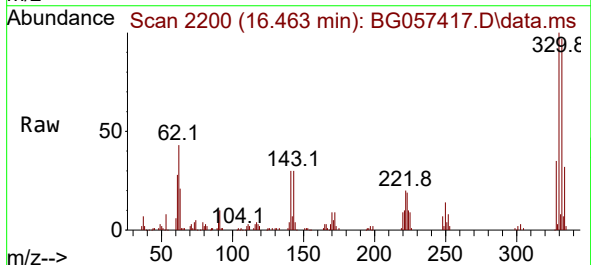
Tgt Ion:237 Resp: 82659
Ion Ratio Lower Upper
237 100
235 65.4 42.0 82.0
272 11.2 0.0 31.5

Manual Integrations
APPROVED

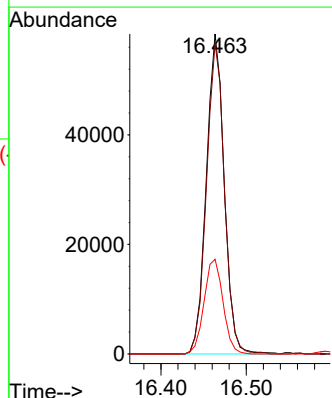
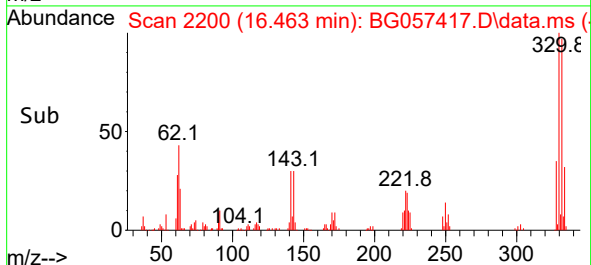
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

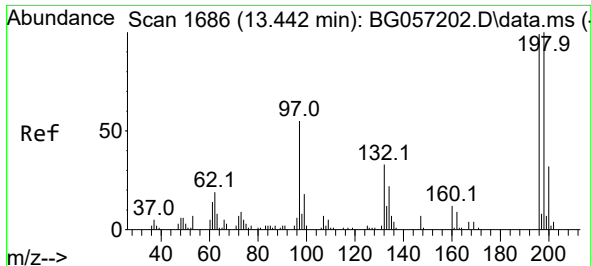


#42
2,4,6-Tribromophenol
Concen: 109.601 ng
RT: 16.463 min Scan# 2200
Delta R.T. -0.001 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20



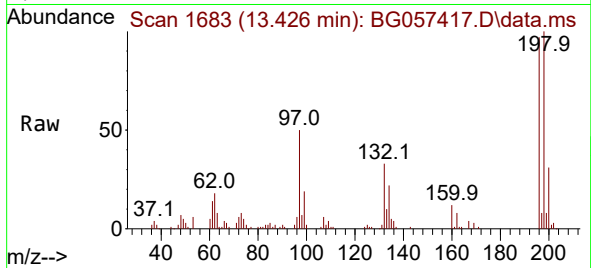
Tgt Ion:330 Resp: 85291
Ion Ratio Lower Upper
330 100
332 97.2 78.2 117.2
141 31.2 27.8 41.8





#43
2,4,6-Trichlorophenol
Concen: 52.769 ng
RT: 13.426 min Scan# 1683
Delta R.T. -0.001 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20

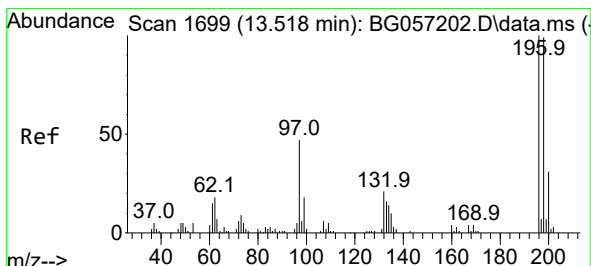
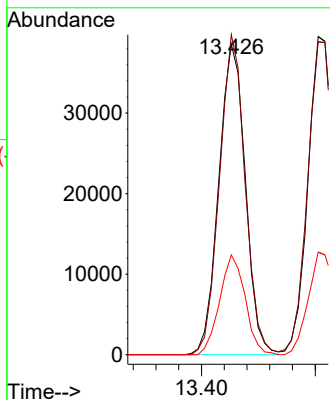
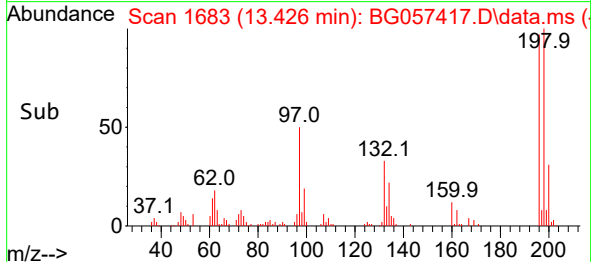
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MSD



Tgt Ion:196 Resp: 6259
Ion Ratio Lower Upper
196 100
198 103.0 81.2 121.8
200 32.1 26.3 39.5

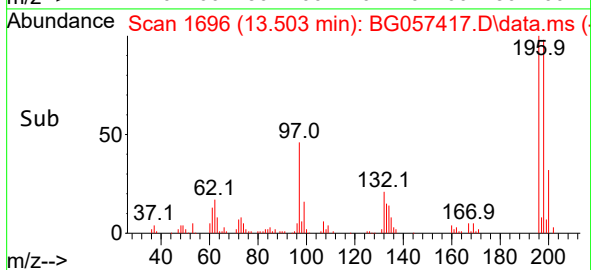
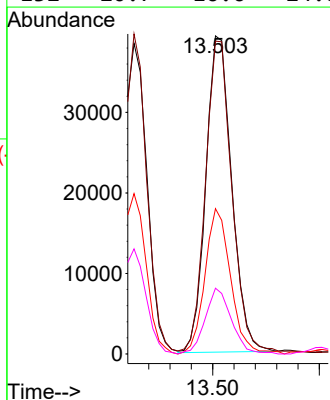
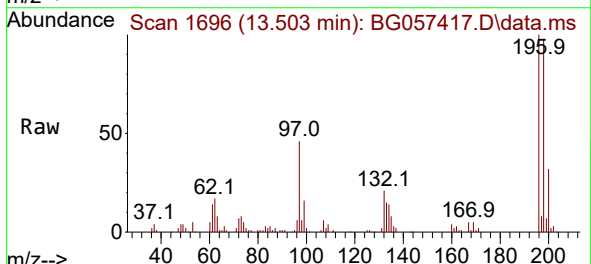
Manual Integrations
APPROVED

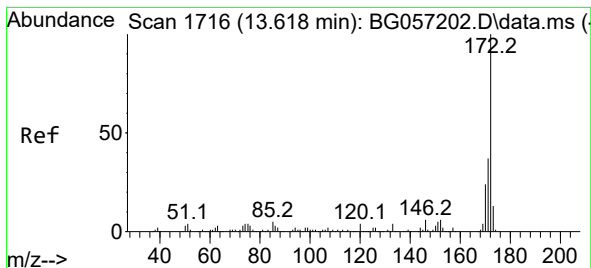
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#44
2,4,5-Trichlorophenol
Concen: 47.548 ng
RT: 13.503 min Scan# 1696
Delta R.T. -0.001 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20

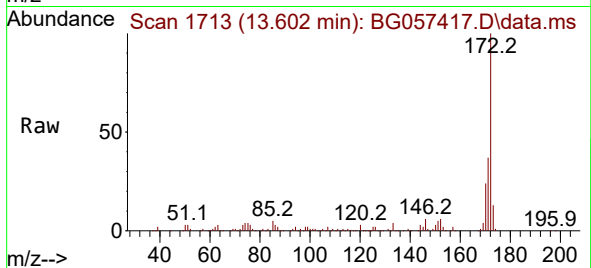
Tgt Ion:196 Resp: 66345
Ion Ratio Lower Upper
196 100
198 98.3 79.4 119.2
97 45.7 37.0 55.4
132 20.7 16.6 24.8





#45
2-Fluorobiphenyl
Concen: 65.035 ng
RT: 13.602 min Scan# 1713
Delta R.T. -0.001 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20

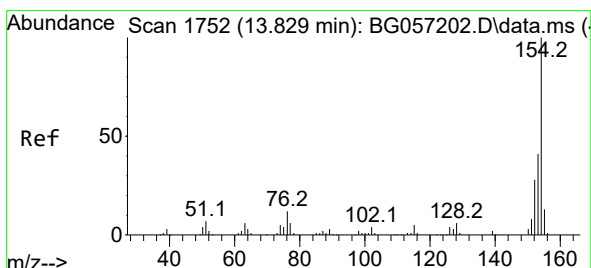
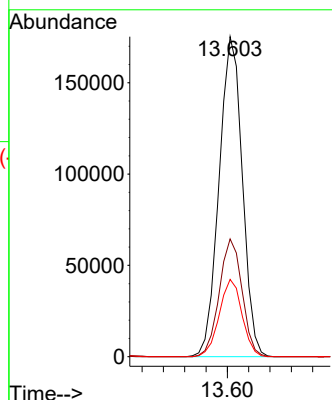
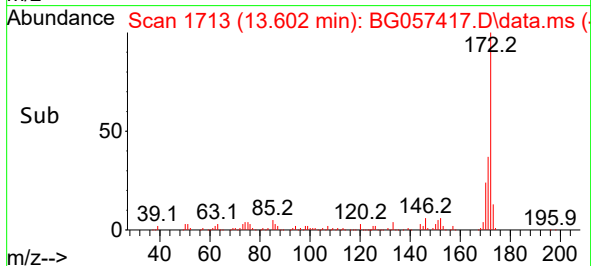
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MSD



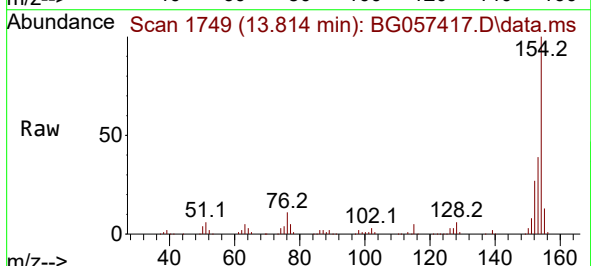
Tgt Ion:172 Resp: 26483
Ion Ratio Lower Upper
172 100
171 36.8 29.4 44.0
170 24.2 19.0 28.6

Manual Integrations
APPROVED

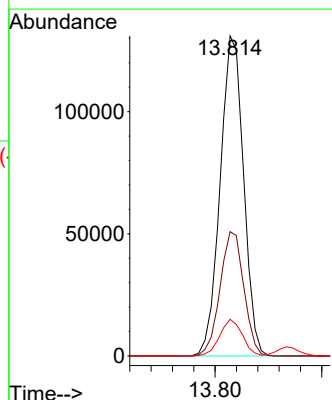
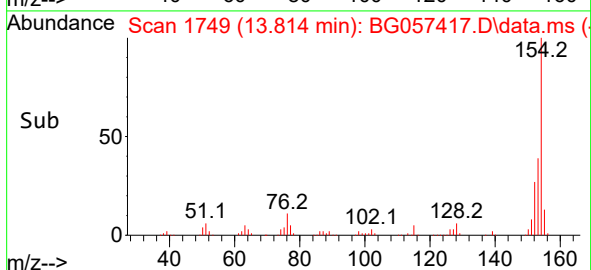
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

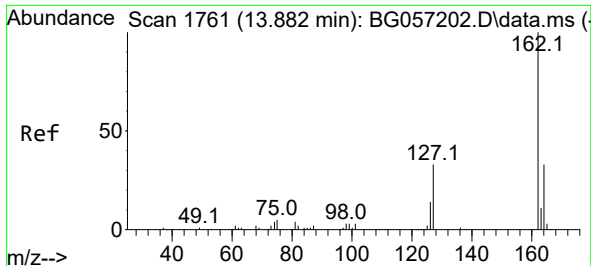


#46
1,1'-Biphenyl
Concen: 48.982 ng
RT: 13.814 min Scan# 1749
Delta R.T. -0.001 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20



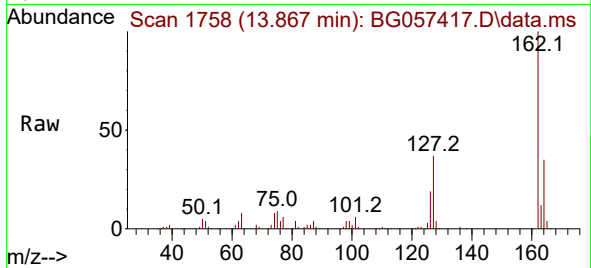
Tgt Ion:154 Resp: 199343
Ion Ratio Lower Upper
154 100
153 38.8 20.9 60.9
76 11.4 0.0 31.7





#47
2-Chloronaphthalene
Concen: 49.252 ng
RT: 13.867 min Scan# 1758
Delta R.T. -0.001 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20

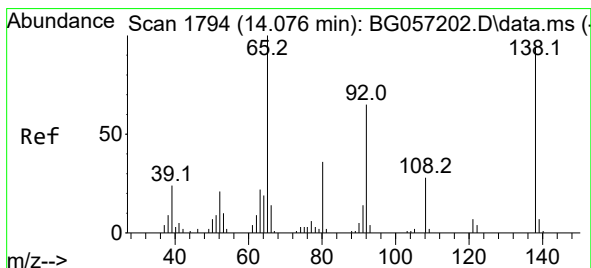
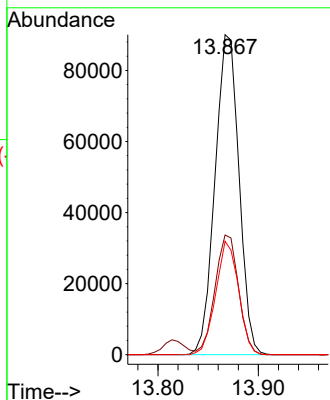
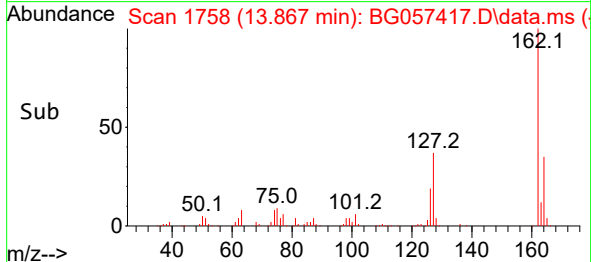
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MSD



Tgt Ion:162 Resp: 149052
Ion Ratio Lower Upper
162 100
127 37.4 29.8 44.6
164 35.5 26.6 40.0

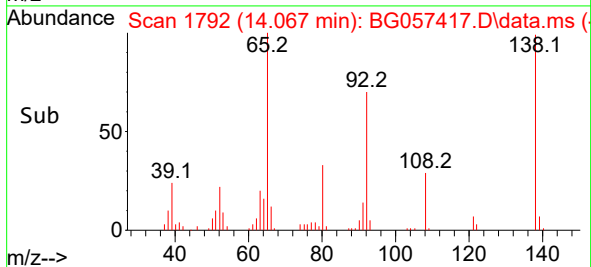
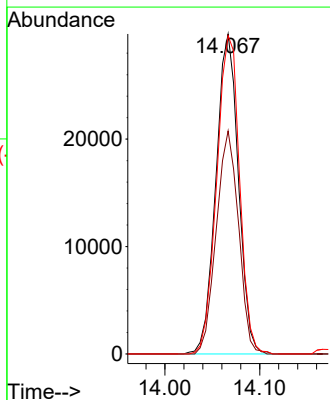
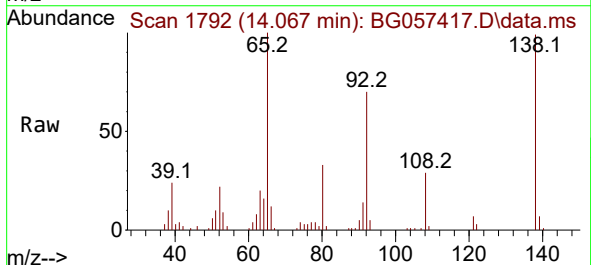
Manual Integrations
APPROVED

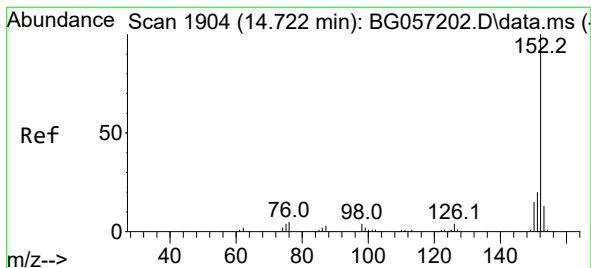
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#48
2-Nitroaniline
Concen: 47.697 ng
RT: 14.067 min Scan# 1792
Delta R.T. 0.005 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20

Tgt Ion: 65 Resp: 49081
Ion Ratio Lower Upper
65 100
92 69.7 52.1 78.1
138 99.4 75.3 112.9





#49

Acenaphthylene

Concen: 48.405 ng

RT: 14.707 min Scan# 1901

Delta R.T. -0.001 min

Lab File: BG057417.D

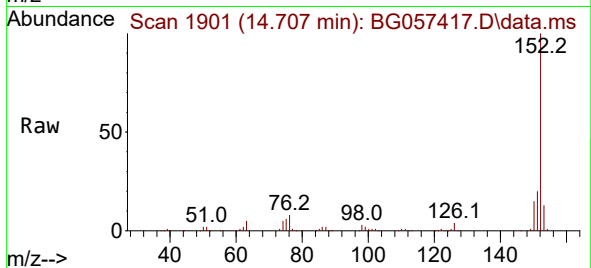
Acq: 12 May 2023 20:20

Instrument :

BNA_G

ClientSampleId :

SB-03-10-12-20230510MSD



Tgt Ion:152 Resp: 237990

Ion Ratio Lower Upper

152 100

151 20.4 16.0 24.0

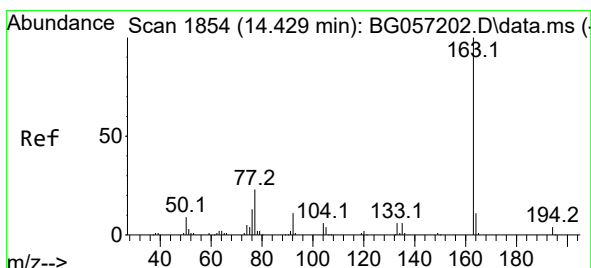
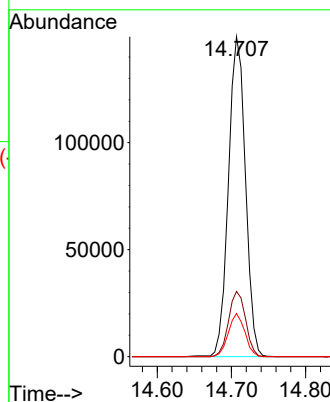
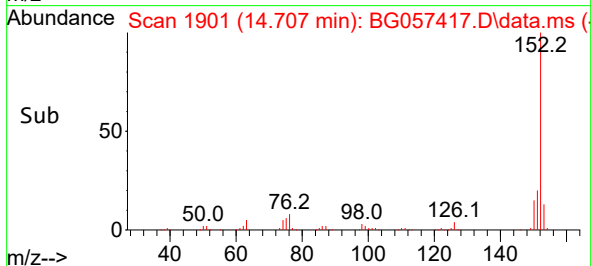
153 13.5 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/15/2023

Supervised By :Yogesh Patel 05/16/2023



#50

Dimethylphthalate

Concen: 45.262 ng

RT: 14.419 min Scan# 1852

Delta R.T. 0.005 min

Lab File: BG057417.D

Acq: 12 May 2023 20:20

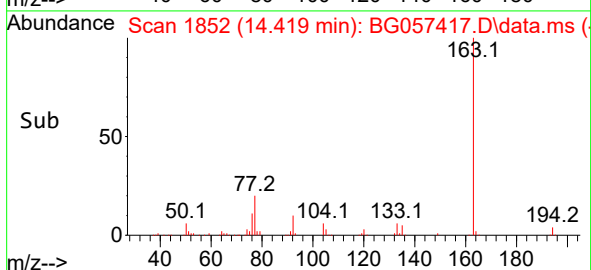
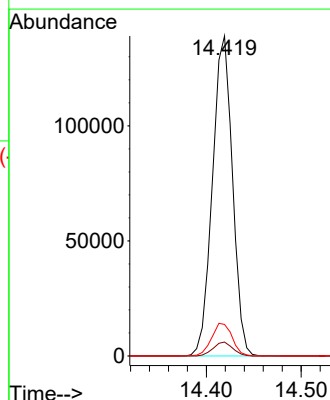
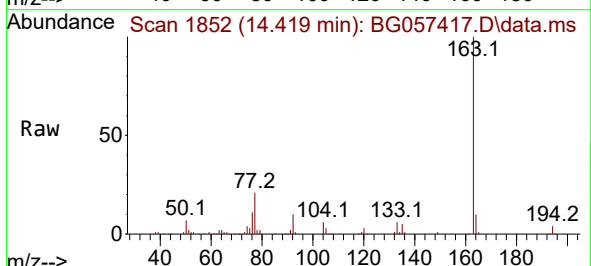
Tgt Ion:163 Resp: 203993

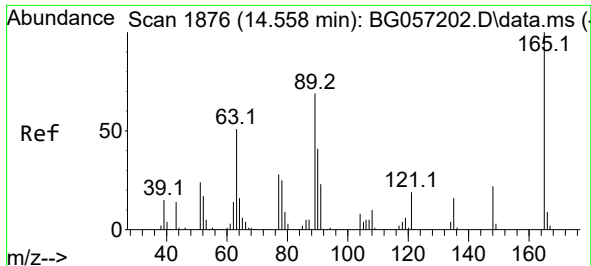
Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

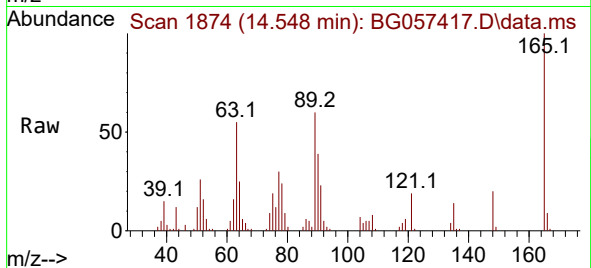
164 9.9 8.8 13.2





#51
2,6-Dinitrotoluene
Concen: 49.537 ng
RT: 14.548 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20

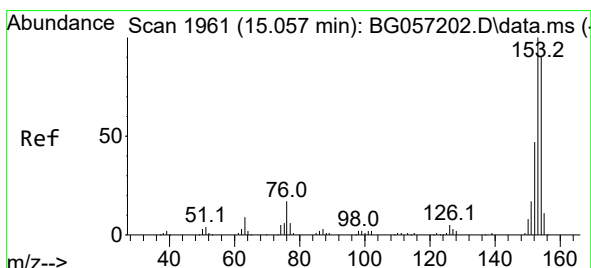
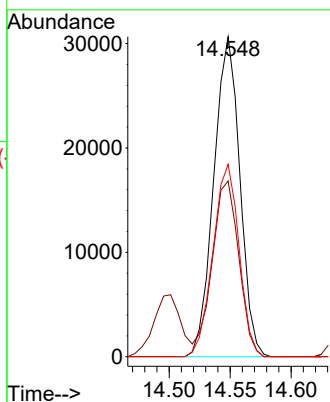
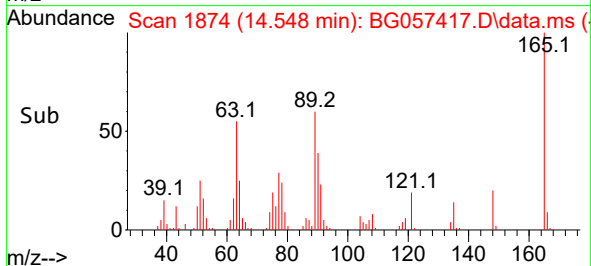
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MSD



Tgt Ion:165 Resp: 45584
Ion Ratio Lower Upper
165 100
63 54.9 50.9 76.3
89 60.1 55.2 82.8

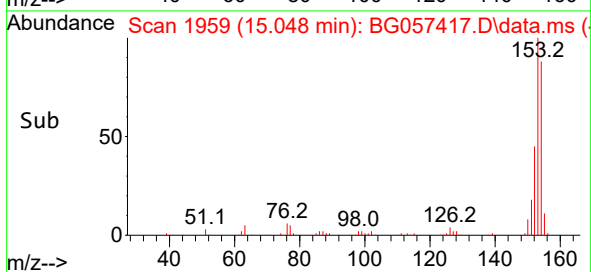
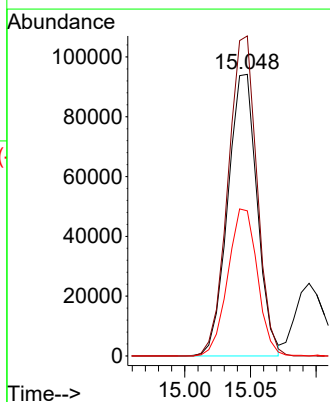
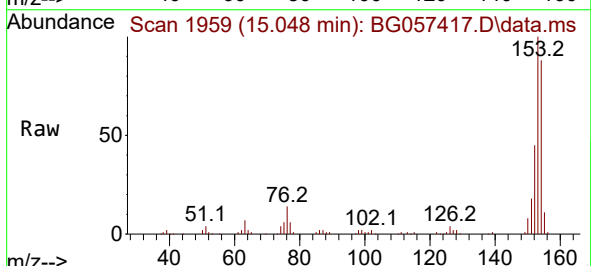
Manual Integrations
APPROVED

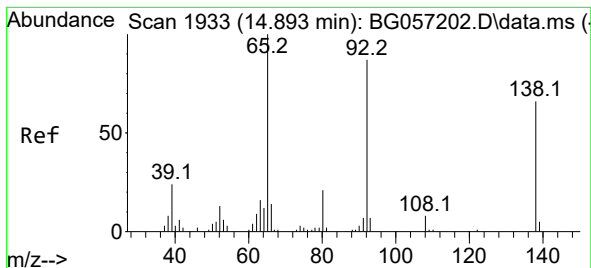
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#52
Acenaphthene
Concen: 47.702 ng
RT: 15.048 min Scan# 1959
Delta R.T. 0.005 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20

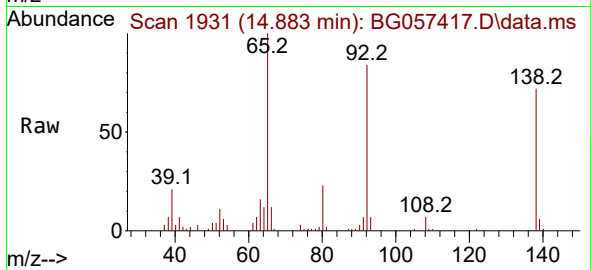
Tgt Ion:154 Resp: 146554
Ion Ratio Lower Upper
154 100
153 113.6 89.3 133.9
152 51.5 41.7 62.5





#53
3-Nitroaniline
Concen: 36.462 ng
RT: 14.883 min Scan# 1931
Delta R.T. -0.001 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20

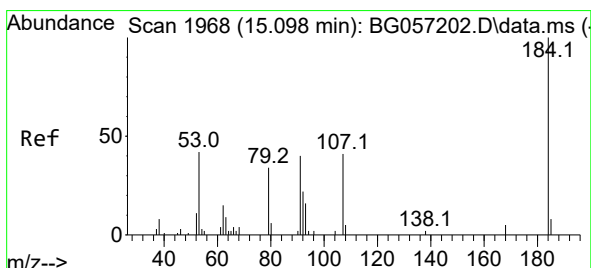
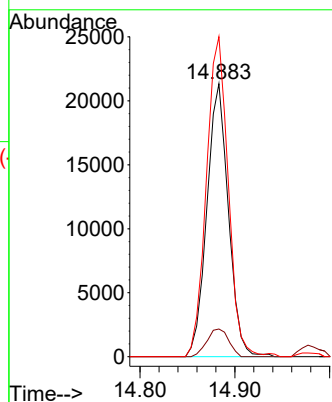
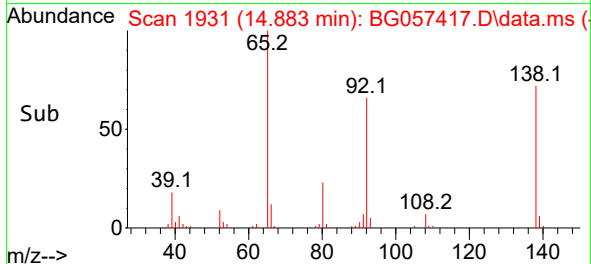
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MSD



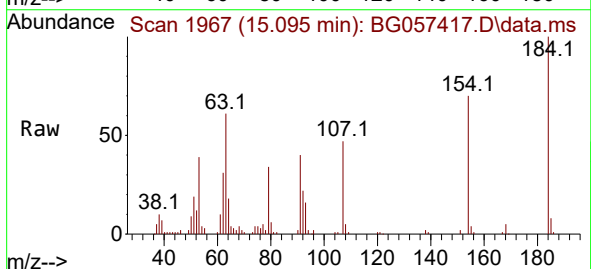
Tgt Ion:138 Resp: 3361
Ion Ratio Lower Upper
138 100
108 10.1 9.5 14.3
92 117.2 106.2 159.4

Manual Integrations
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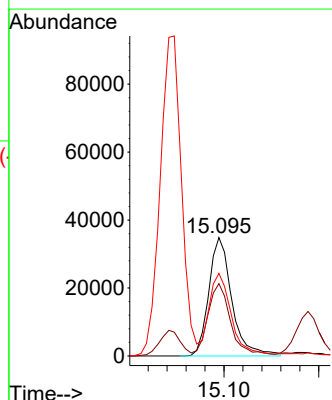
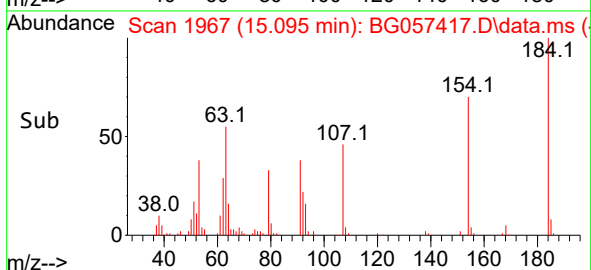
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

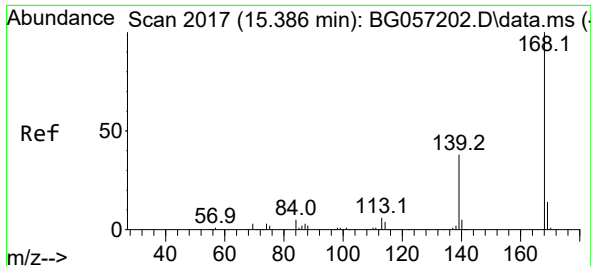


#54
2,4-Dinitrophenol
Concen: 101.600 ng
RT: 15.095 min Scan# 1967
Delta R.T. -0.001 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20



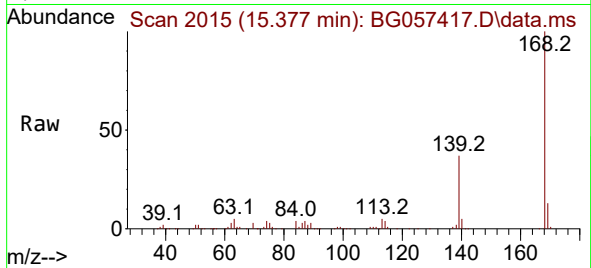
Tgt Ion:184 Resp: 58704
Ion Ratio Lower Upper
184 100
63 61.1 48.2 72.4
154 69.7 55.4 83.2





#55
Dibenzenofuran
Concen: 47.976 ng
RT: 15.377 min Scan# 2017
Delta R.T. -0.001 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20

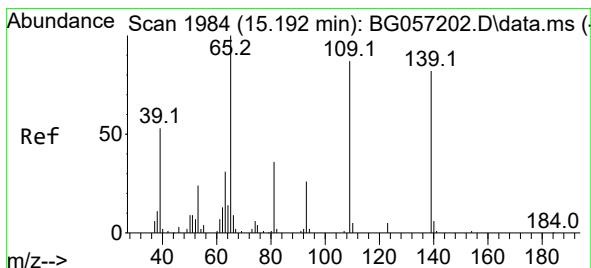
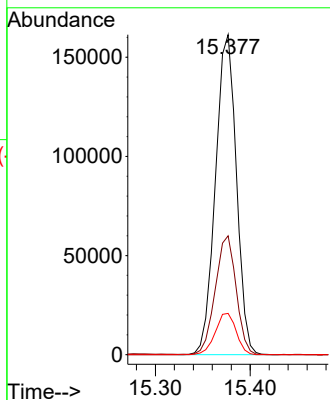
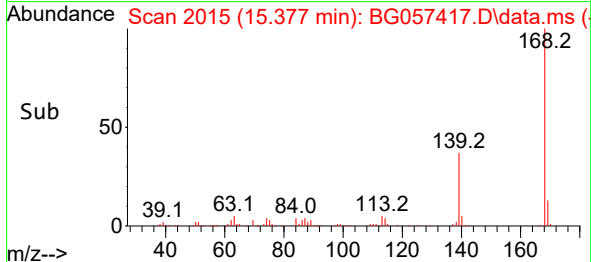
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MSD



Tgt Ion:168 Resp: 24765
Ion Ratio Lower Upper
168 100
139 37.1 30.7 46.1
169 12.9 10.9 16.3

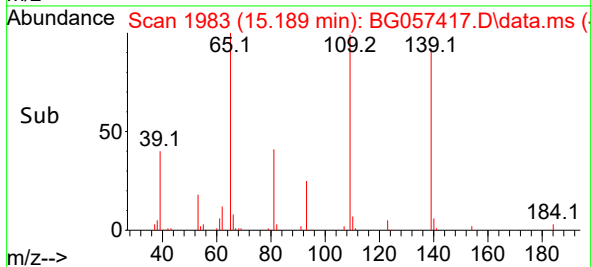
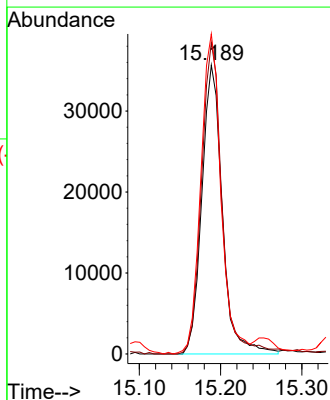
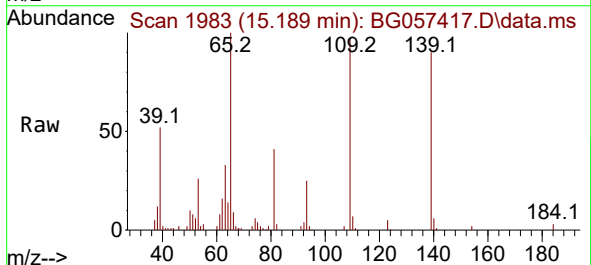
Manual Integrations
APPROVED

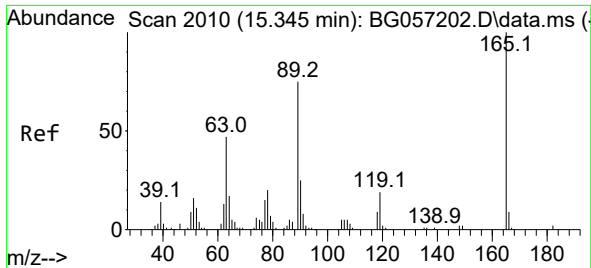
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#56
4-Nitrophenol
Concen: 101.629 ng
RT: 15.189 min Scan# 1983
Delta R.T. 0.005 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20

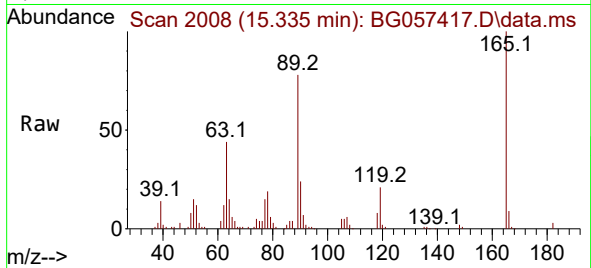
Tgt Ion:139 Resp: 62312
Ion Ratio Lower Upper
139 100
109 107.8 86.6 126.6
65 110.8 102.6 142.6





#57
2,4-Dinitrotoluene
Concen: 48.706 ng
RT: 15.335 min Scan# 2010
Delta R.T. -0.001 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20

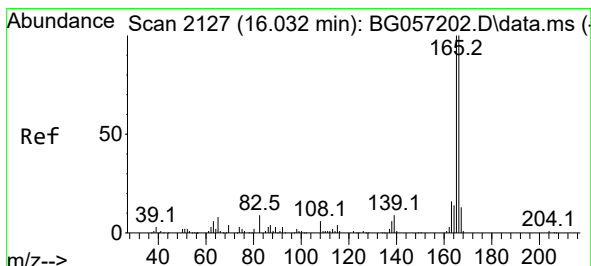
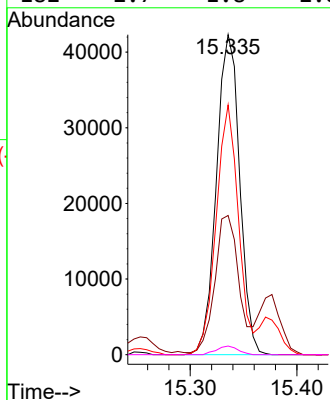
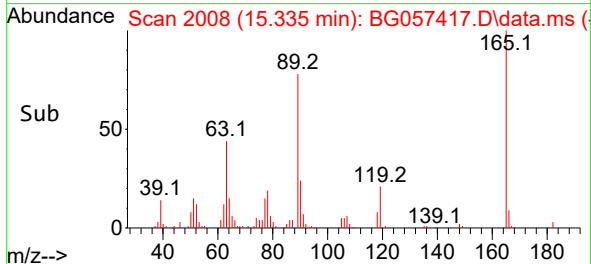
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MSD



Tgt Ion:165 Resp: 64054
Ion Ratio Lower Upper
165 100
63 43.5 37.5 56.3
89 78.0 60.2 90.4
182 2.7 1.8 2.8

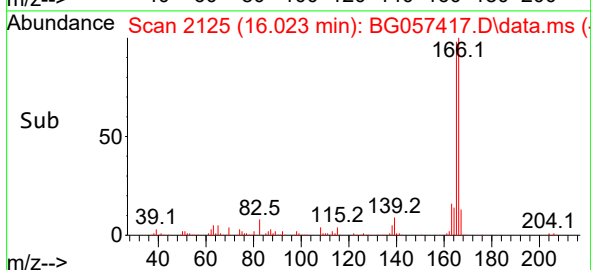
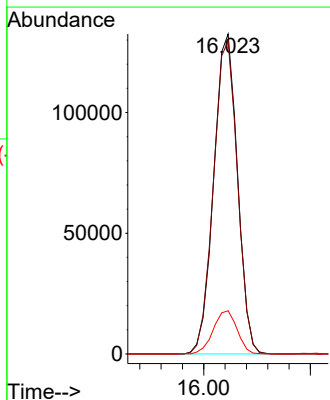
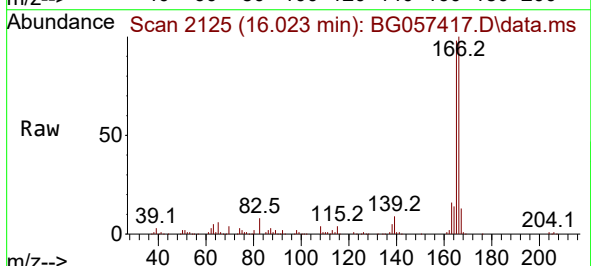
Manual Integrations
APPROVED

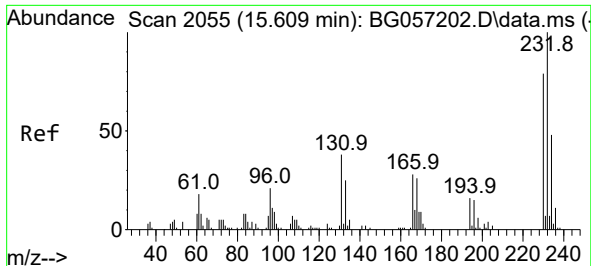
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#58
Fluorene
Concen: 47.958 ng
RT: 16.023 min Scan# 2125
Delta R.T. -0.001 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20

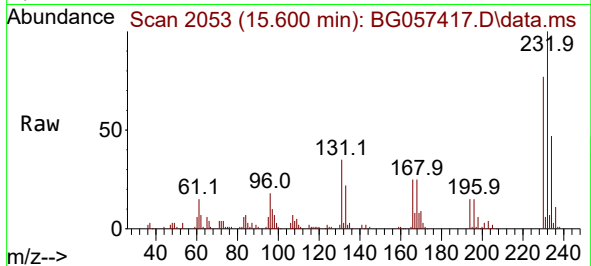
Tgt Ion:166 Resp: 203914
Ion Ratio Lower Upper
166 100
165 97.8 80.1 120.1
167 13.5 10.2 15.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 51.415 ng
RT: 15.600 min Scan# 2055
Delta R.T. -0.001 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20

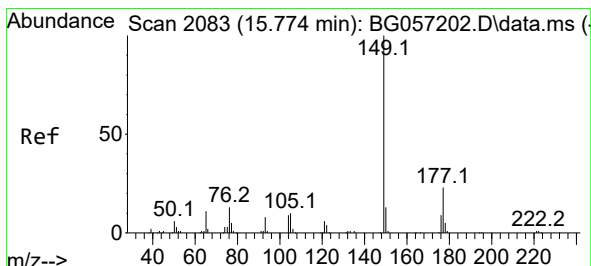
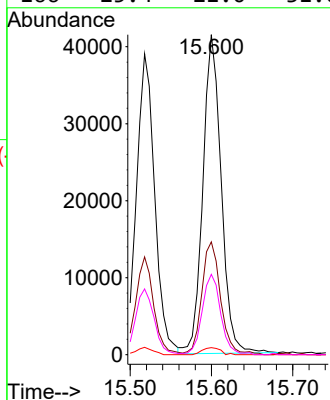
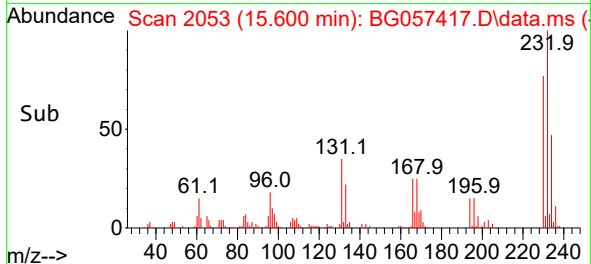
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MSD



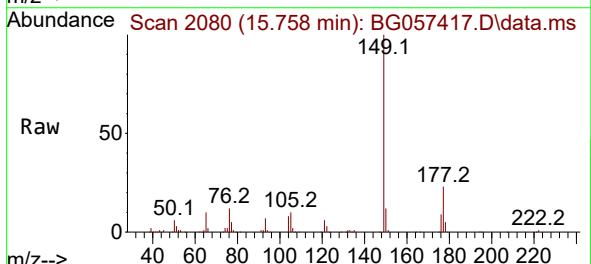
Tgt Ion:232 Resp: 6504
Ion Ratio Lower Upper
232 100
131 36.2 28.6 42.8
130 2.2 1.6 2.4
166 25.4 21.0 31.6

Manual Integrations
APPROVED

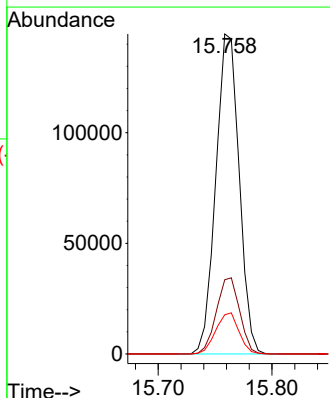
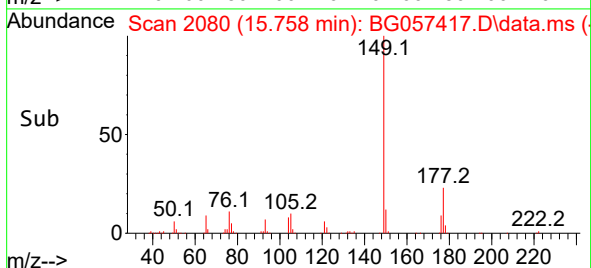
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

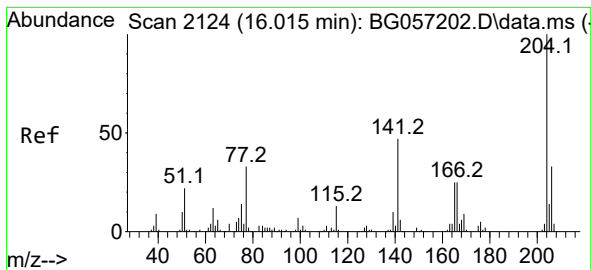


#60
Diethylphthalate
Concen: 45.081 ng
RT: 15.758 min Scan# 2080
Delta R.T. -0.001 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20



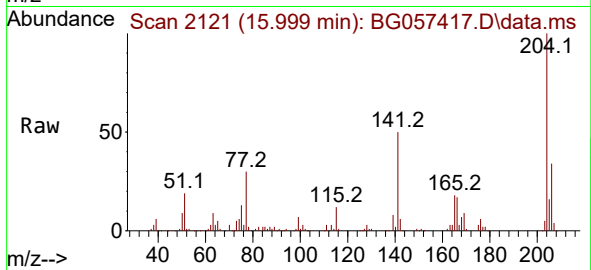
Tgt Ion:149 Resp: 206334
Ion Ratio Lower Upper
149 100
177 23.2 18.3 27.5
150 12.3 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 47.073 ng
RT: 15.999 min Scan# 2121
Delta R.T. -0.001 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20

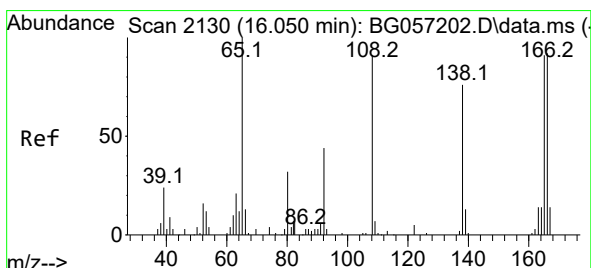
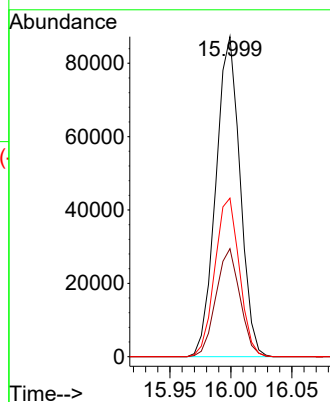
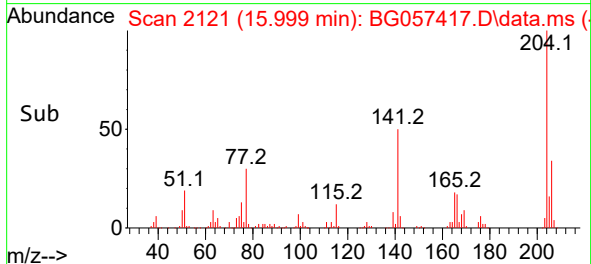
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MSD



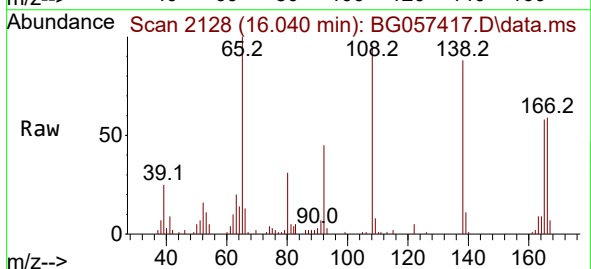
Tgt Ion:204 Resp: 120570
Ion Ratio Lower Upper
204 100
206 33.8 26.5 39.7
141 49.5 37.4 56.0

Manual Integrations
APPROVED

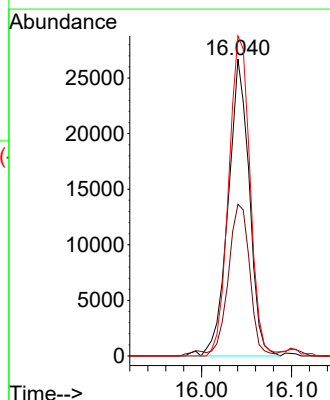
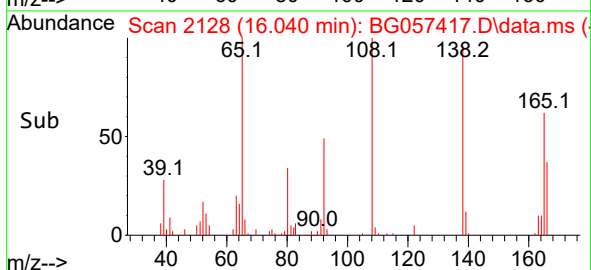
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

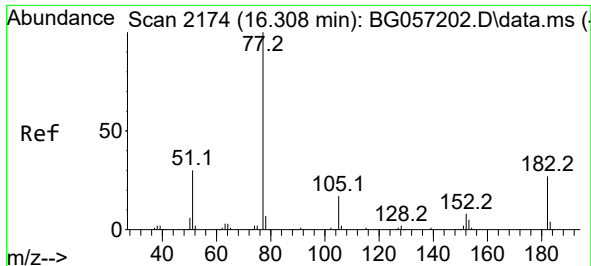


#62
4-Nitroaniline
Concen: 46.858 ng
RT: 16.040 min Scan# 2128
Delta R.T. -0.001 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20



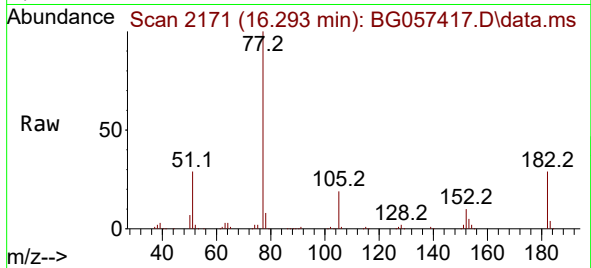
Tgt Ion:138 Resp: 43578
Ion Ratio Lower Upper
138 100
92 51.1 38.2 78.2
108 107.8 99.6 139.6





#63
Azobenzene
Concen: 44.317 ng
RT: 16.293 min Scan# 2174
Delta R.T. -0.001 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20

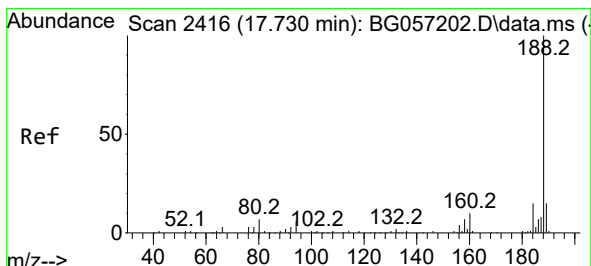
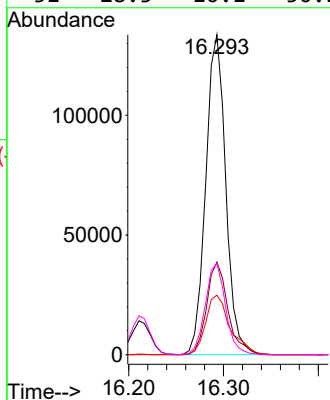
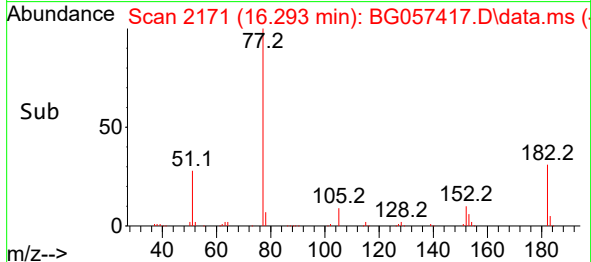
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MSD



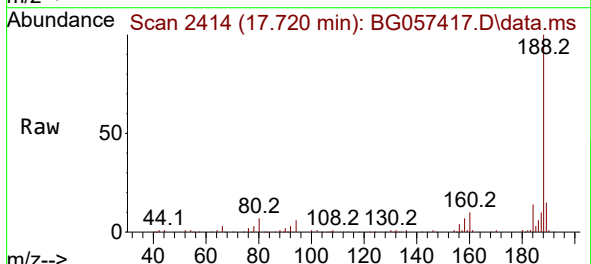
Tgt Ion: 77 Resp: 19570
Ion Ratio Lower Upper
77 100
182 29.0 7.4 47.4
105 18.6 0.0 37.2
51 28.5 10.1 50.1

Manual Integrations
APPROVED

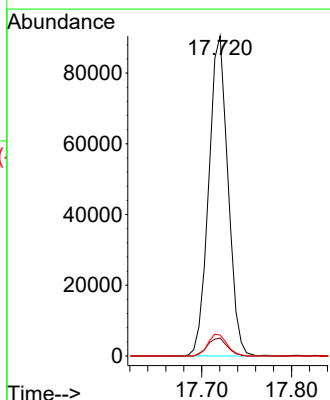
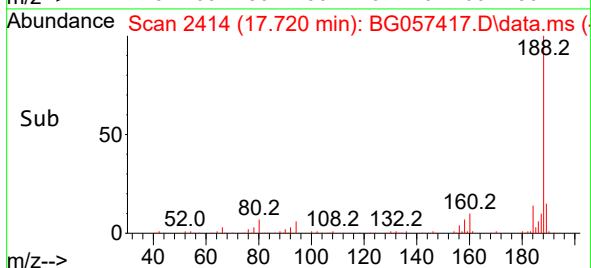
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

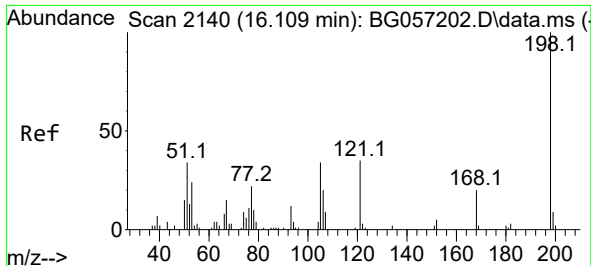


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.720 min Scan# 2414
Delta R.T. -0.001 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20



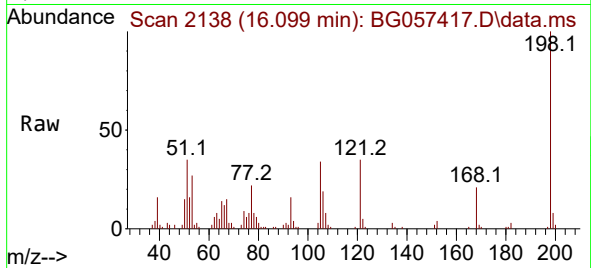
Tgt Ion:188 Resp: 134470
Ion Ratio Lower Upper
188 100
94 5.6 5.1 7.7
80 6.6 5.7 8.5





#65
4,6-Dinitro-2-methylphenol
Concen: 56.973 ng
RT: 16.099 min Scan# 2138
Delta R.T. -0.001 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20

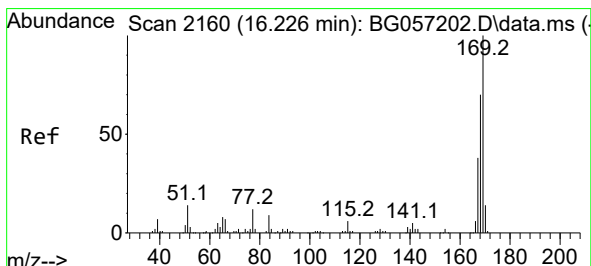
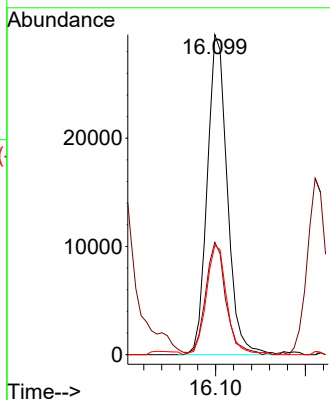
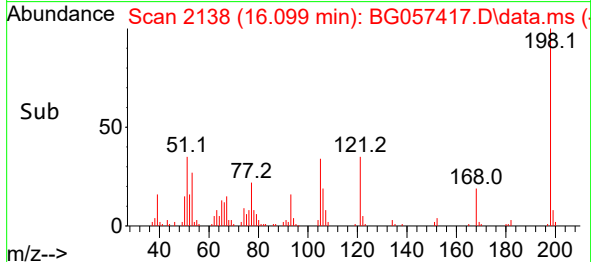
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MSD



Tgt Ion:198 Resp: 45740
Ion Ratio Lower Upper
198 100
51 35.1 16.1 56.1
105 34.2 14.0 54.0

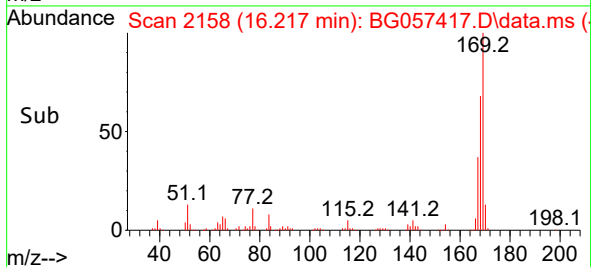
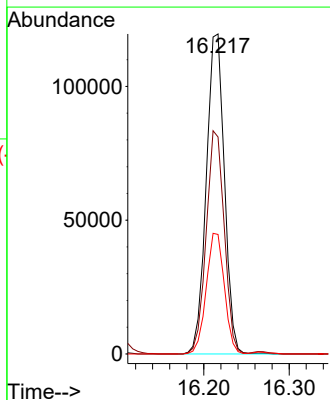
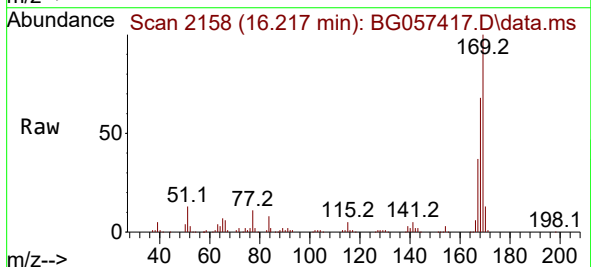
Manual Integrations
APPROVED

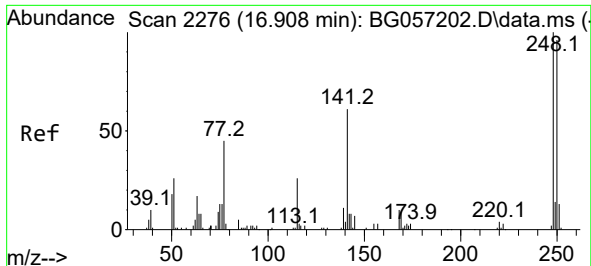
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#66
n-Nitrosodiphenylamine
Concen: 48.354 ng
RT: 16.217 min Scan# 2158
Delta R.T. 0.005 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20

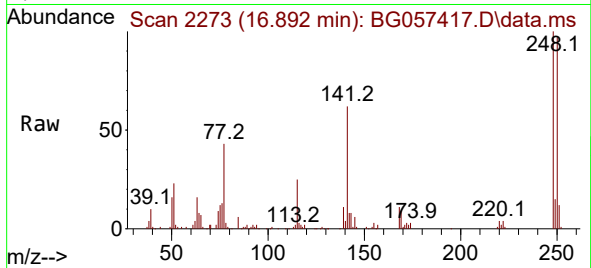
Tgt Ion:169 Resp: 176600
Ion Ratio Lower Upper
169 100
168 67.8 56.2 84.4
167 37.4 30.2 45.4





#67
4-Bromophenyl-phenylether
Concen: 48.799 ng
RT: 16.892 min Scan# 211
Delta R.T. -0.001 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20

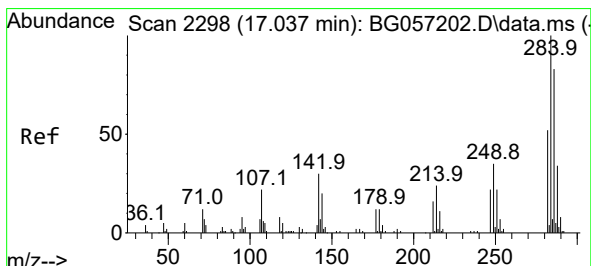
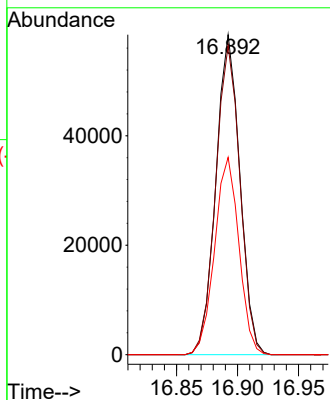
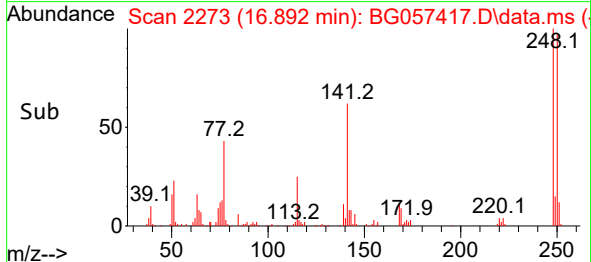
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MSD



Tgt Ion:248 Resp: 8010
Ion Ratio Lower Upper
248 100
250 96.6 77.0 115.6
141 61.6 48.6 72.8

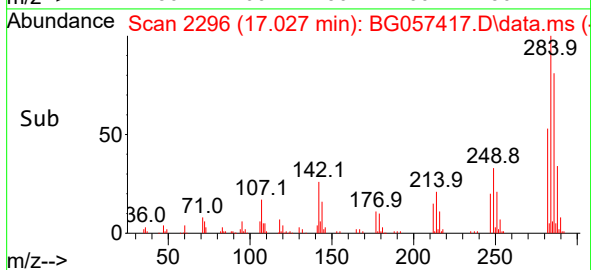
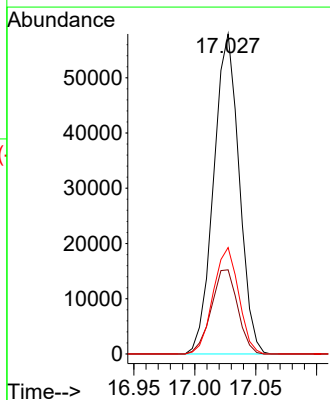
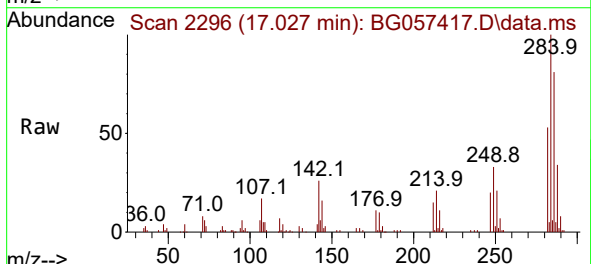
Manual Integrations
APPROVED

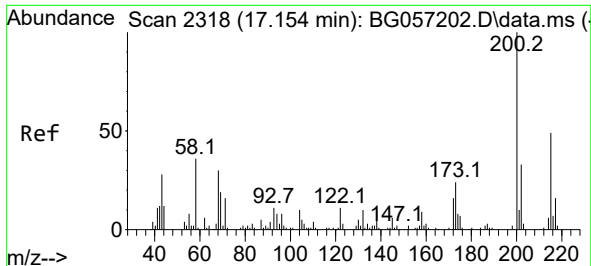
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#68
Hexachlorobenzene
Concen: 52.894 ng
RT: 17.027 min Scan# 2296
Delta R.T. -0.001 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20

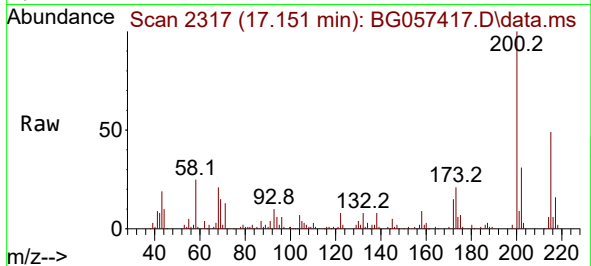
Tgt Ion:284 Resp: 84377
Ion Ratio Lower Upper
284 100
142 26.3 23.9 35.9
249 33.3 27.7 41.5





#69
 Atrazine
 Concen: 56.722 ng
 RT: 17.151 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BG057417.D
 Acq: 12 May 2023 20:20

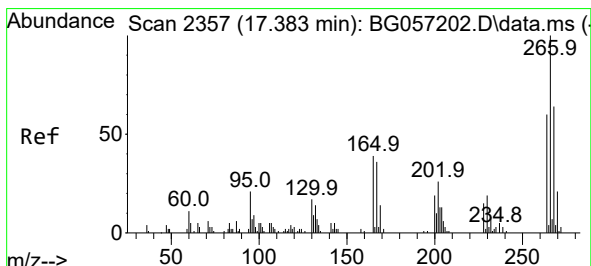
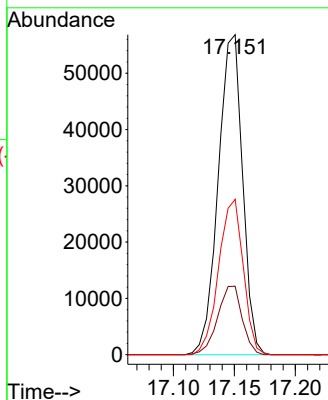
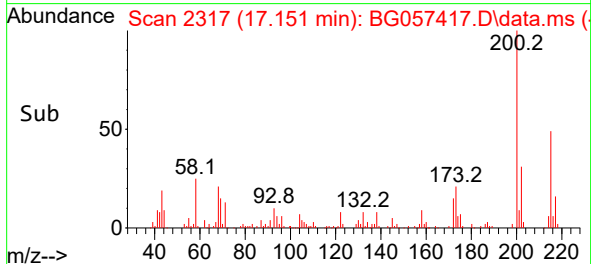
Instrument :
 BNA_G
 ClientSampleId :
 SB-03-10-12-20230510MSD



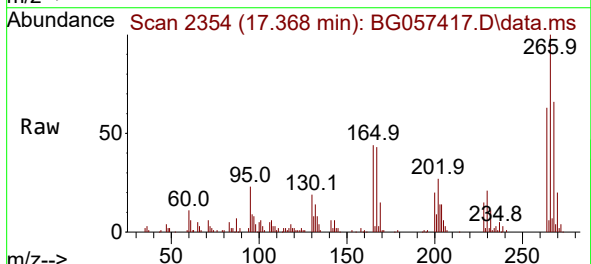
Tgt Ion:200 Resp: 79025
 Ion Ratio Lower Upper
 200 100
 173 21.4 4.3 44.3
 215 48.6 29.3 69.3

Manual Integrations
 APPROVED

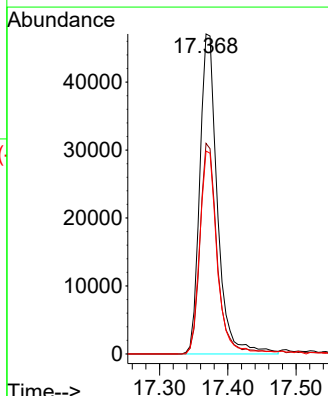
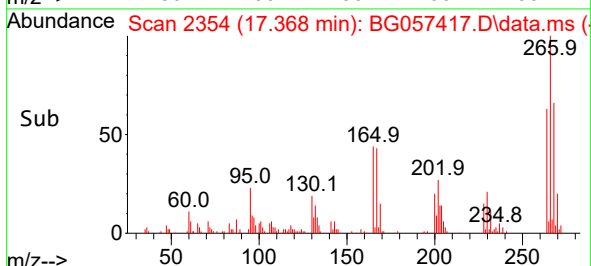
Reviewed By :Christian Giraldo 05/15/2023
 Supervised By :Yogesh Patel 05/16/2023

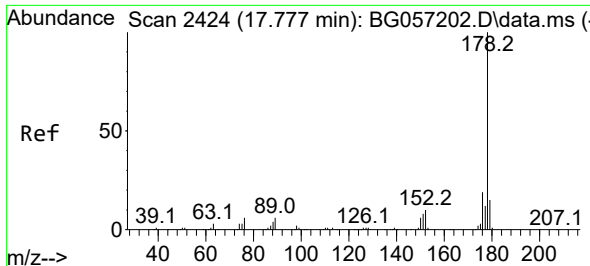


#70
 Pentachlorophenol
 Concen: 91.812 ng
 RT: 17.368 min Scan# 2354
 Delta R.T. -0.007 min
 Lab File: BG057417.D
 Acq: 12 May 2023 20:20



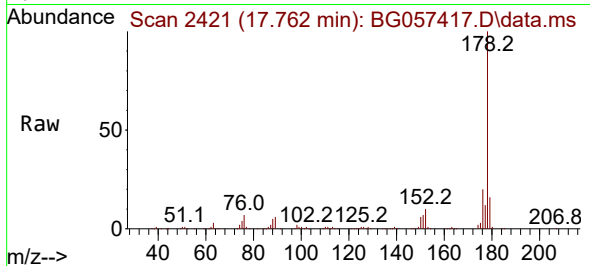
Tgt Ion:266 Resp: 84407
 Ion Ratio Lower Upper
 266 100
 268 65.8 51.0 76.6
 264 63.4 47.8 71.6





#71
Phenanthrene
Concen: 47.983 ng
RT: 17.762 min Scan# 2424
Delta R.T. -0.001 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20

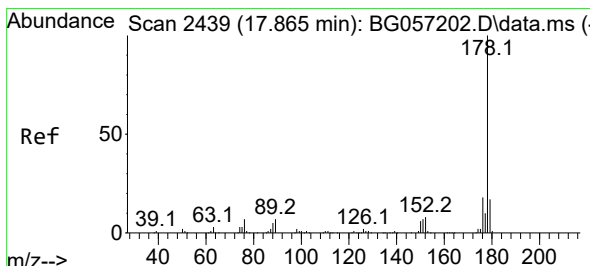
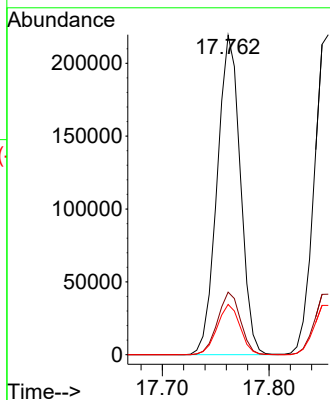
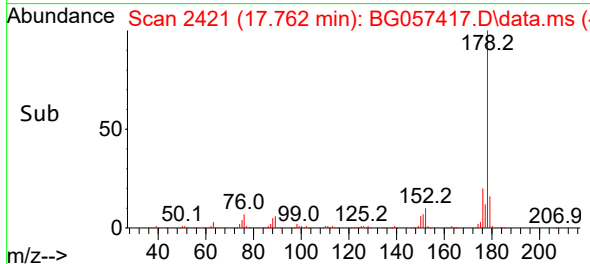
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MSD



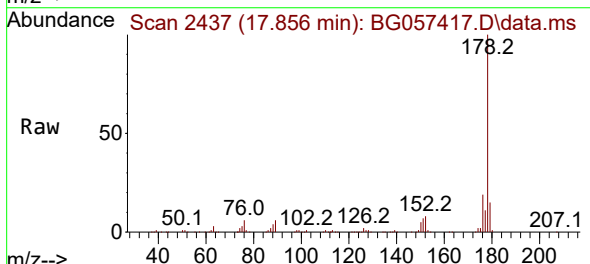
Tgt Ion:178 Resp: 330629
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.2
179 15.7 12.3 18.5

Manual Integrations
APPROVED

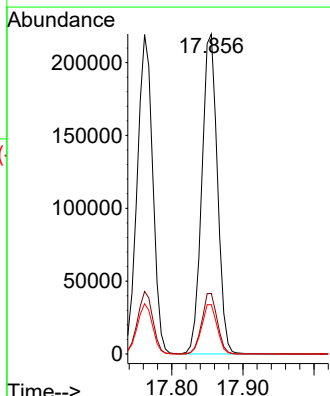
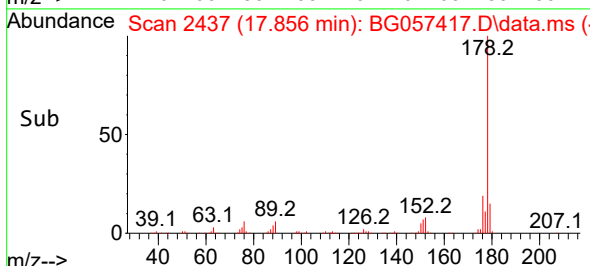
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

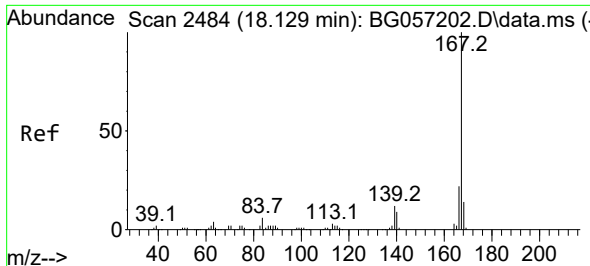


#72
Anthracene
Concen: 47.328 ng
RT: 17.856 min Scan# 2437
Delta R.T. 0.005 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20



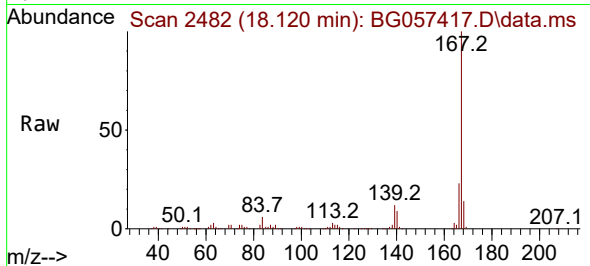
Tgt Ion:178 Resp: 334619
Ion Ratio Lower Upper
178 100
176 18.9 14.7 22.1
179 15.4 13.2 19.8





#73
Carbazole
Concen: 49.282 ng
RT: 18.120 min Scan# 2482
Delta R.T. -0.001 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20

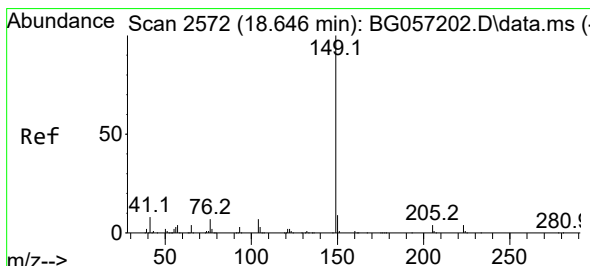
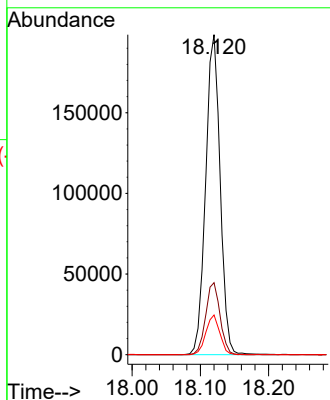
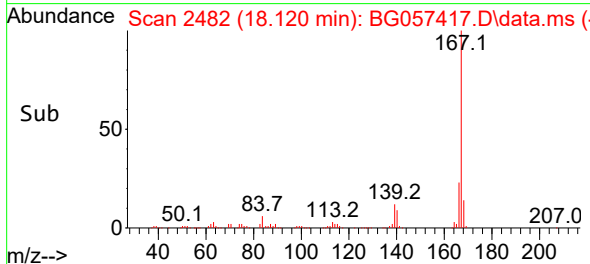
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MSD



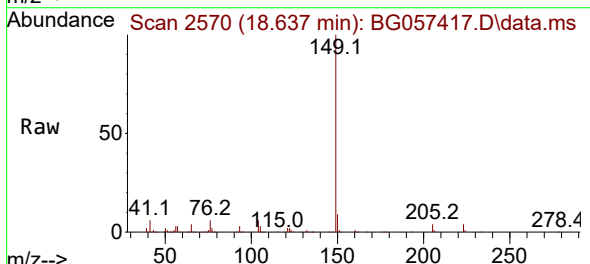
Tgt Ion:167 Resp: 29333
Ion Ratio Lower Upper
167 100
166 22.5 17.4 26.0
139 12.4 9.6 14.4

Manual Integrations
APPROVED

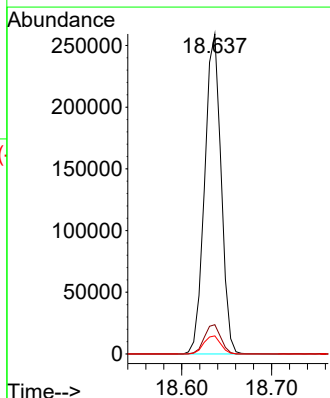
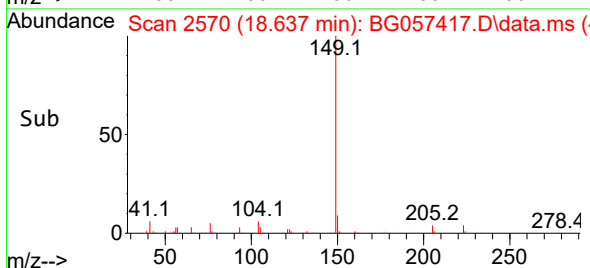
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

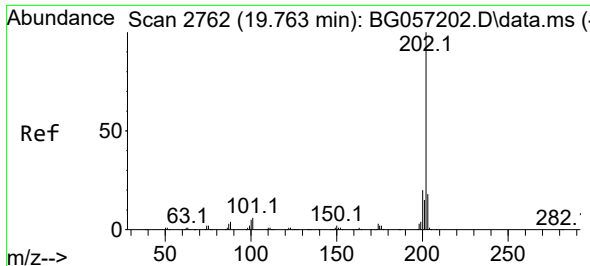


#74
Di-n-butylphthalate
Concen: 47.975 ng
RT: 18.637 min Scan# 2570
Delta R.T. -0.001 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20



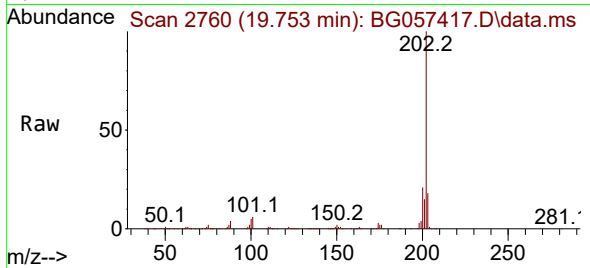
Tgt Ion:149 Resp: 328546
Ion Ratio Lower Upper
149 100
150 9.1 7.3 10.9
104 5.6 5.4 8.2





#75
Fluoranthene
Concen: 46.567 ng
RT: 19.753 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20

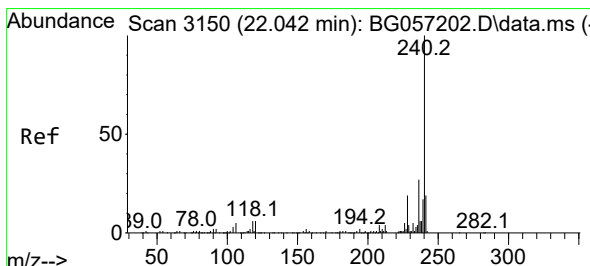
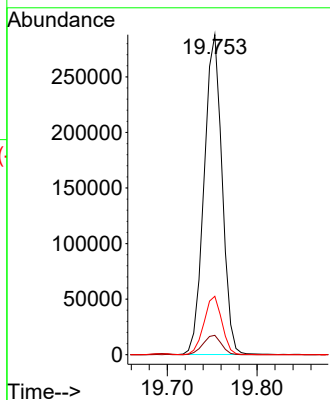
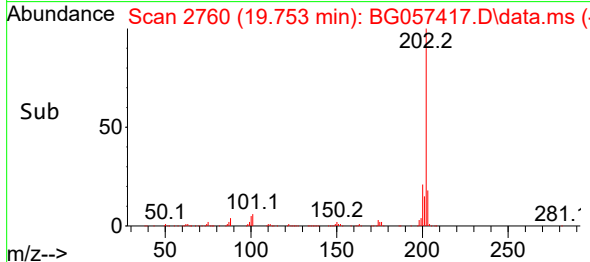
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MSD



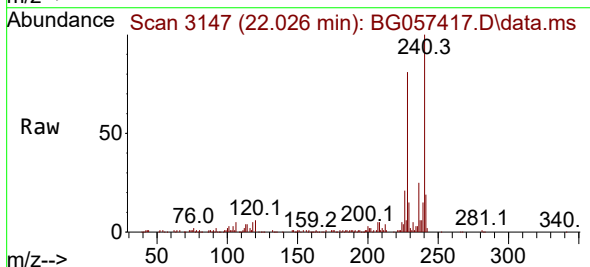
Tgt Ion:202 Resp: 399079
Ion Ratio Lower Upper
202 100
101 6.0 0.0 26.2
203 18.2 0.0 37.9

Manual Integrations
APPROVED

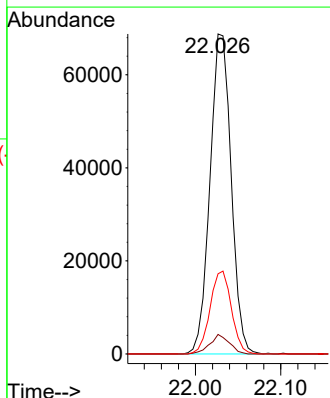
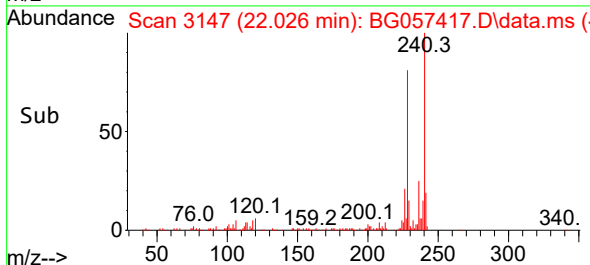
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

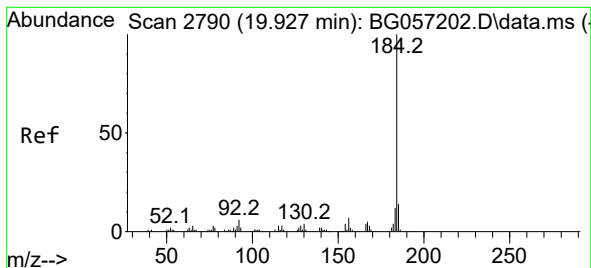


#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.026 min Scan# 3147
Delta R.T. -0.007 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20



Tgt Ion:240 Resp: 118487
Ion Ratio Lower Upper
240 100
120 6.1 4.9 7.3
236 25.1 21.4 32.2





#77

Benzidine

Concen: 86.605 ng

RT: 19.917 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG057417.D

Acq: 12 May 2023 20:20

Instrument :

BNA_G

ClientSampleId :

SB-03-10-12-20230510MSD

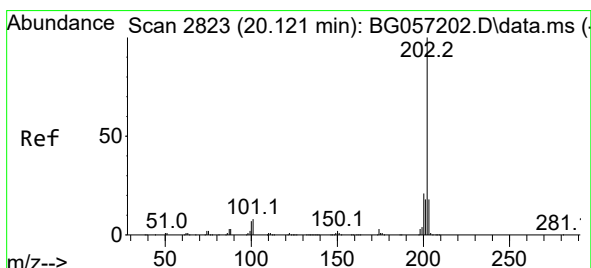
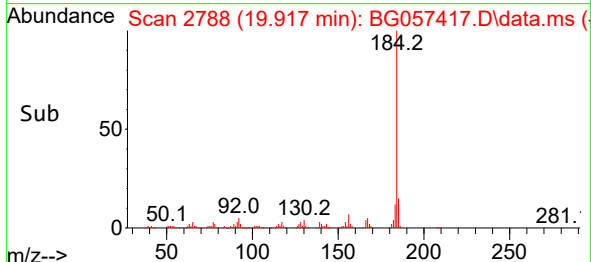
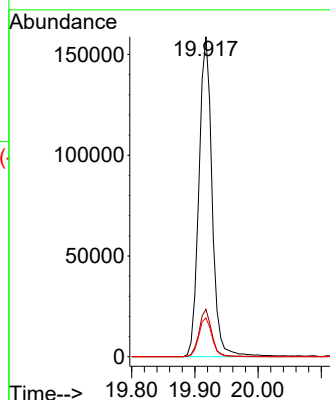
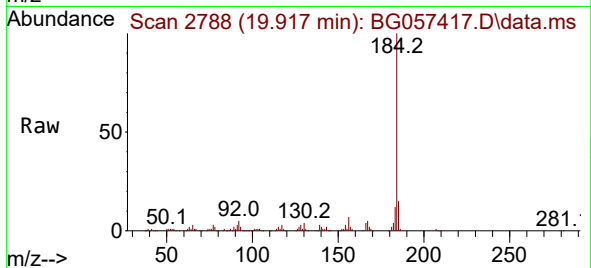
Tgt Ion:184 Resp: 22941

Ion	Ratio	Lower	Upper
184	100		
185	14.8	11.1	16.7
183	12.1	9.9	14.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#78

Pyrene

Concen: 46.888 ng

RT: 20.111 min Scan# 2821

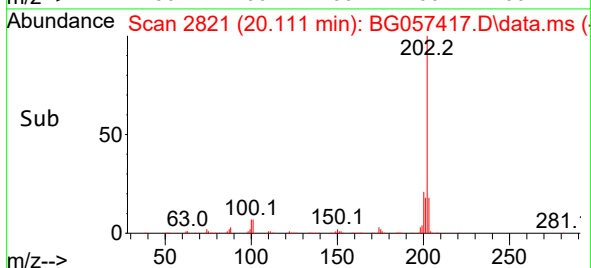
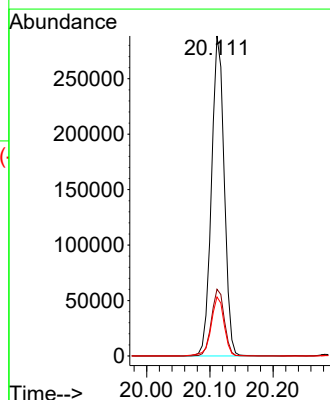
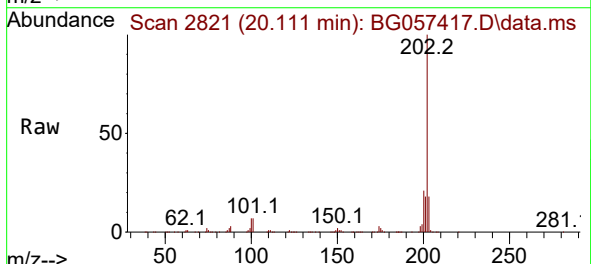
Delta R.T. -0.001 min

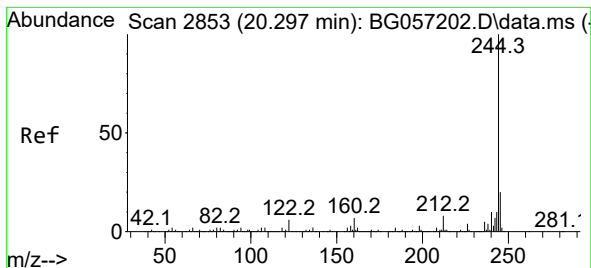
Lab File: BG057417.D

Acq: 12 May 2023 20:20

Tgt Ion:202 Resp: 403704

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.0	25.4
203	18.5	14.2	21.4





#79

Terphenyl-d14

Concen: 66.456 ng

RT: 20.288 min Scan# 2851

Delta R.T. -0.001 min

Lab File: BG057417.D

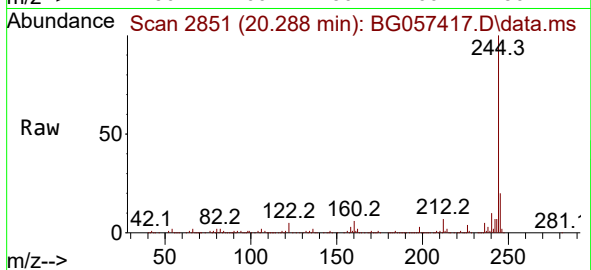
Acq: 12 May 2023 20:20

Instrument :

BNA_G

ClientSampleId :

SB-03-10-12-20230510MSD



Tgt Ion:244 Resp: 48251

Ion Ratio Lower Upper

244 100

212 7.0 6.1 9.1

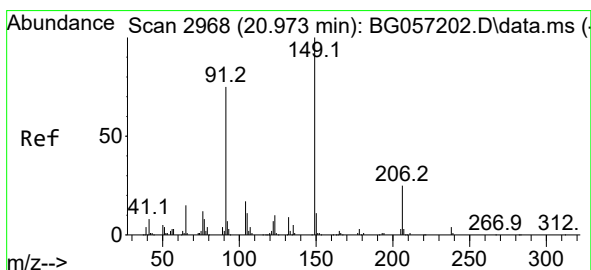
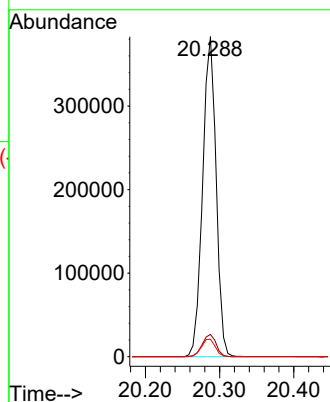
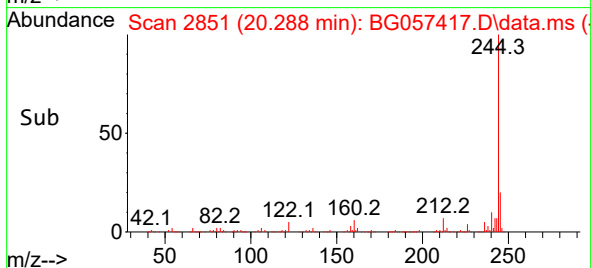
122 5.5 5.1 7.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/15/2023

Supervised By :Yogesh Patel 05/16/2023



#80

Butylbenzylphthalate

Concen: 51.161 ng

RT: 20.963 min Scan# 2966

Delta R.T. -0.001 min

Lab File: BG057417.D

Acq: 12 May 2023 20:20

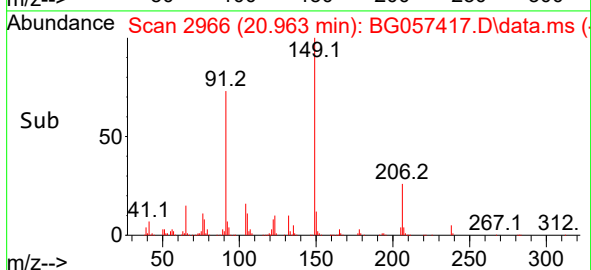
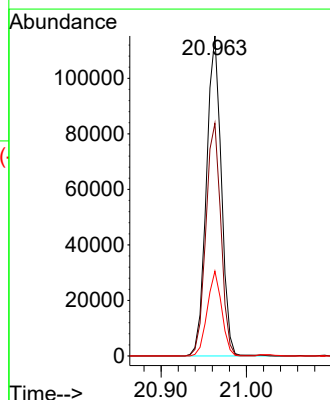
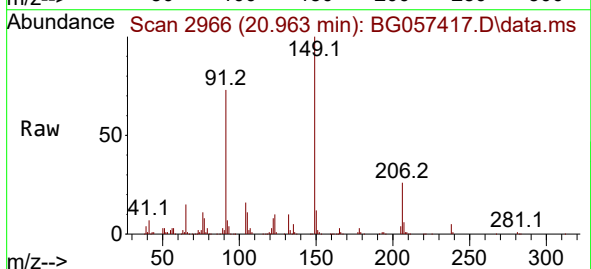
Tgt Ion:149 Resp: 139766

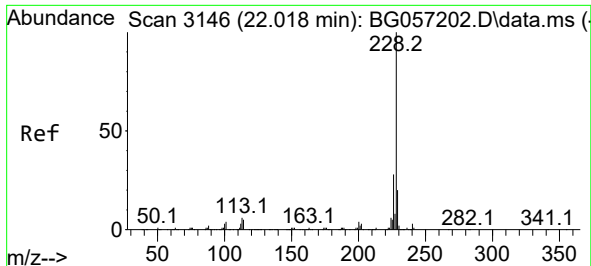
Ion Ratio Lower Upper

149 100

91 72.7 59.7 89.5

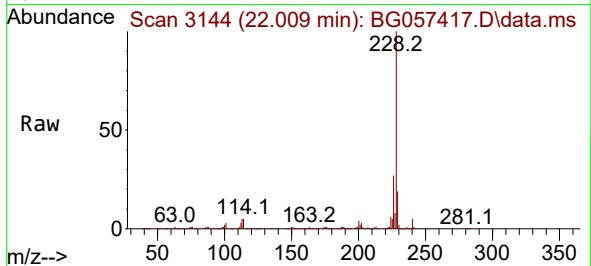
206 26.5 19.7 29.5





#81
Benzo(a)anthracene
Concen: 48.309 ng
RT: 22.009 min Scan# 3146
Delta R.T. -0.001 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20

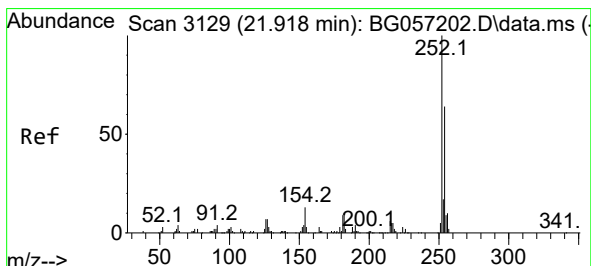
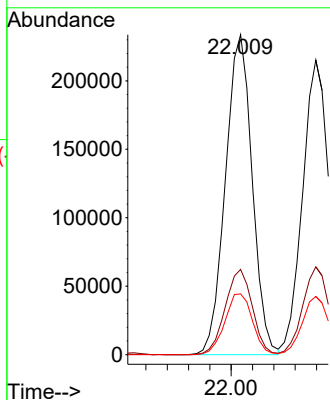
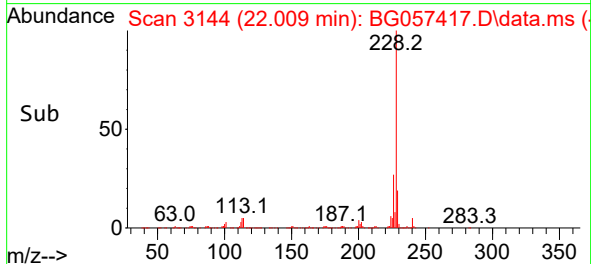
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MSD



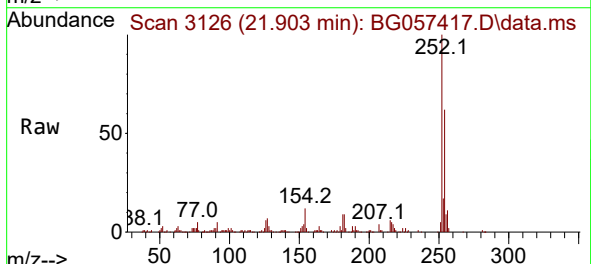
Tgt Ion:228 Resp: 407814
Ion Ratio Lower Upper
228 100
226 26.7 22.0 33.0
229 19.0 15.8 23.8

Manual Integrations
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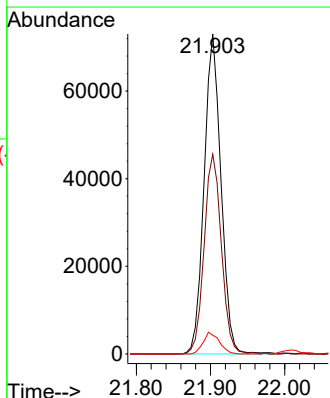
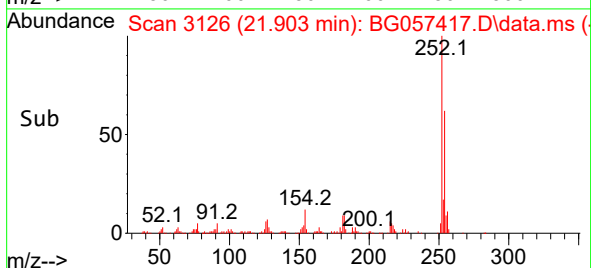
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

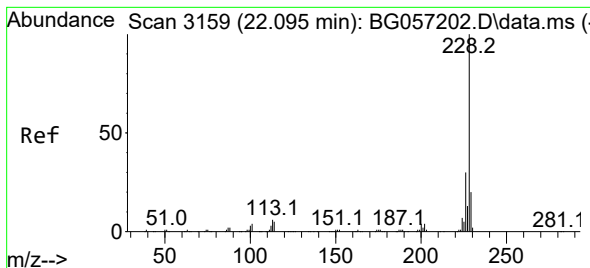


#82
3,3'-Dichlorobenzidine
Concen: 42.718 ng
RT: 21.903 min Scan# 3126
Delta R.T. -0.001 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20



Tgt Ion:252 Resp: 115506
Ion Ratio Lower Upper
252 100
254 62.5 51.4 77.0
126 5.9 5.9 8.9#





#83

Chrysene

Concen: 46.483 ng

RT: 22.079 min Scan# 3117

Delta R.T. -0.001 min

Lab File: BG057417.D

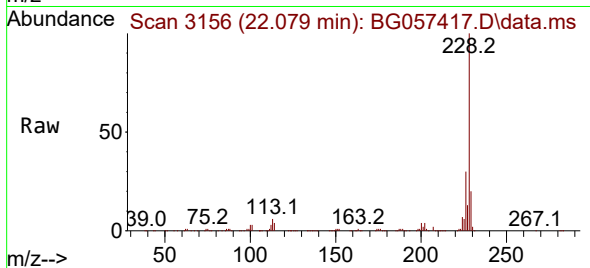
Acq: 12 May 2023 20:20

Instrument :

BNA_G

ClientSampleId :

SB-03-10-12-20230510MSD



Tgt Ion:228 Resp: 36920

Ion Ratio Lower Upper

228 100

226 29.8 24.3 36.5

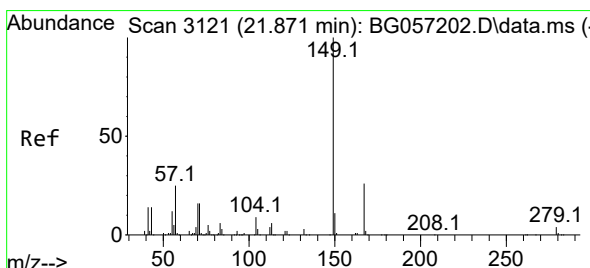
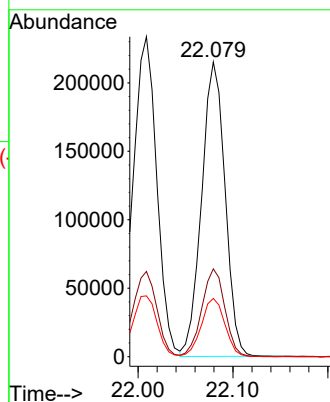
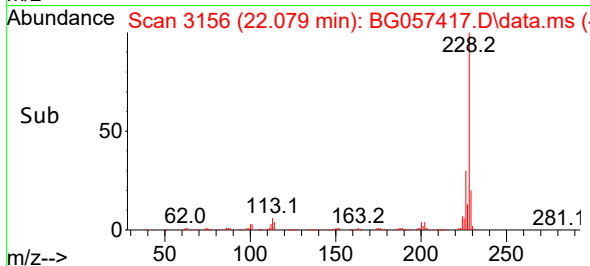
229 19.7 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/15/2023

Supervised By :Yogesh Patel 05/16/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.907 ng

RT: 21.850 min Scan# 3117

Delta R.T. -0.007 min

Lab File: BG057417.D

Acq: 12 May 2023 20:20

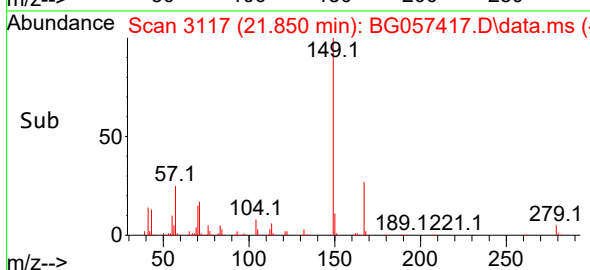
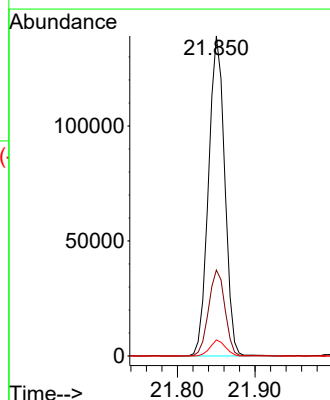
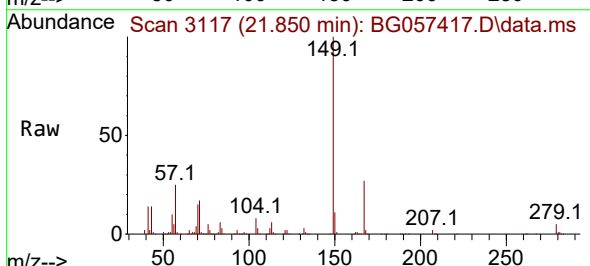
Tgt Ion:149 Resp: 201725

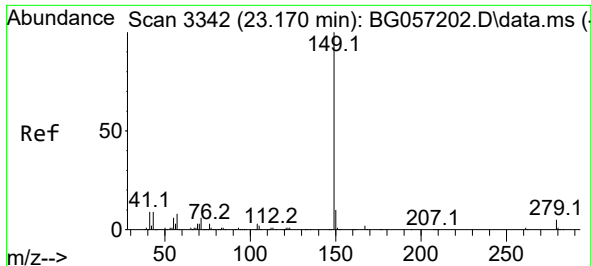
Ion Ratio Lower Upper

149 100

167 26.9 21.2 31.8

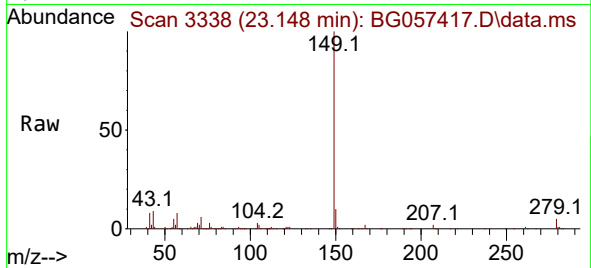
279 5.0 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 50.769 ng
RT: 23.148 min Scan# 31
Delta R.T. -0.001 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20

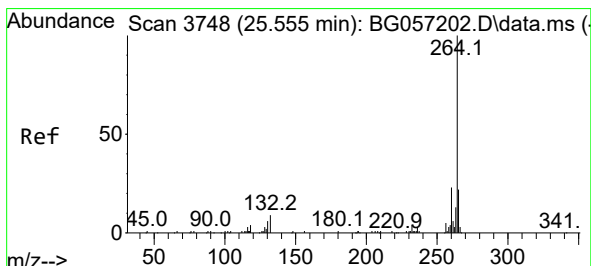
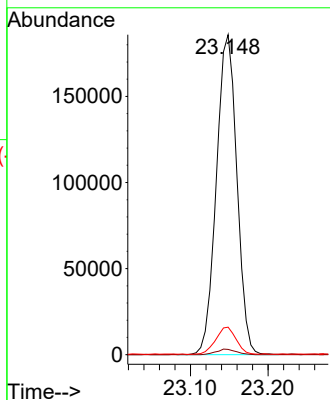
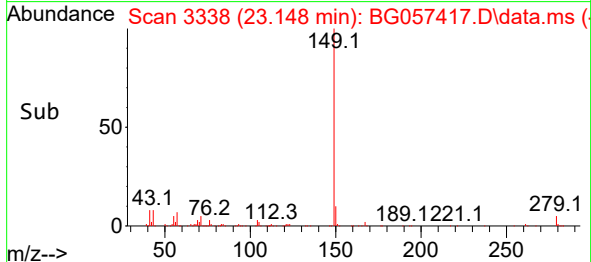
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MSD



Tgt Ion:149 Resp: 342110
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.4 7.8 11.8

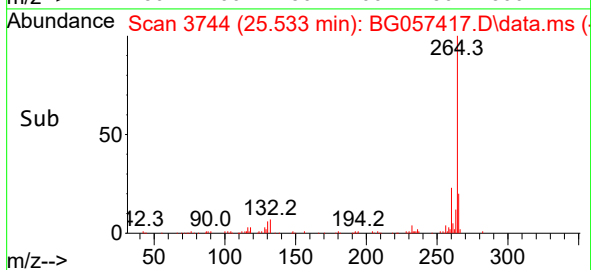
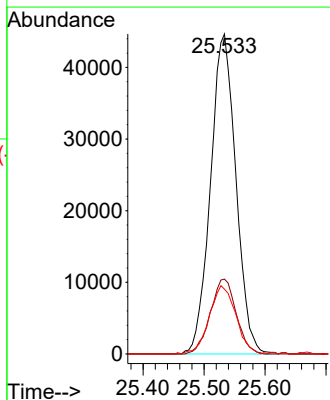
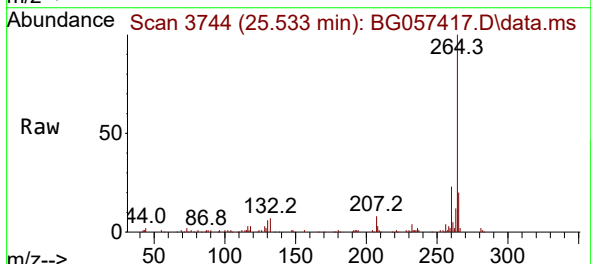
Manual Integrations
APPROVED

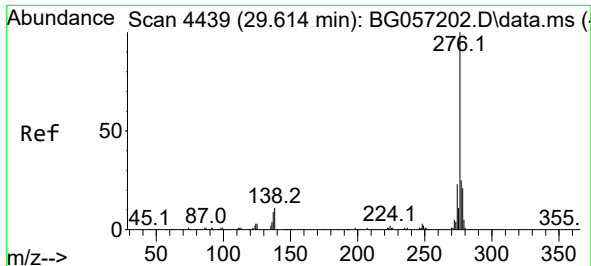
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.533 min Scan# 3744
Delta R.T. -0.001 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20

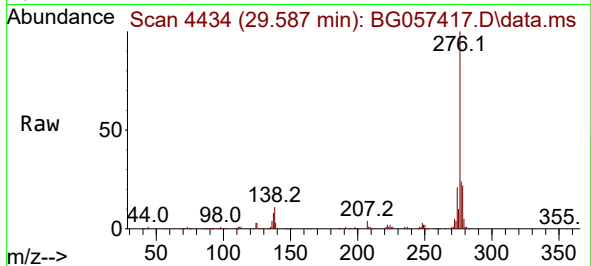
Tgt Ion:264 Resp: 129217
Ion Ratio Lower Upper
264 100
260 23.4 18.8 28.2
265 20.3 17.9 26.9





#87
Indeno(1,2,3-cd)pyrene
Concen: 47.880 ng
RT: 29.587 min Scan# 4434
Delta R.T. -0.013 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20

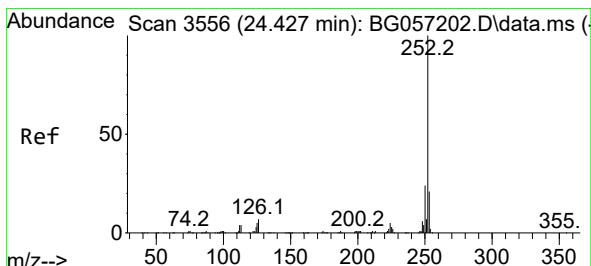
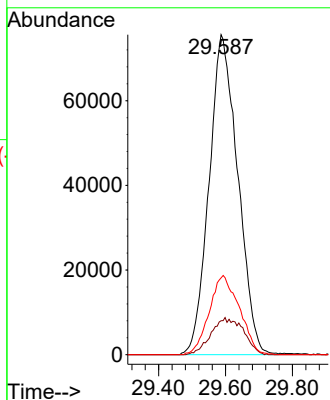
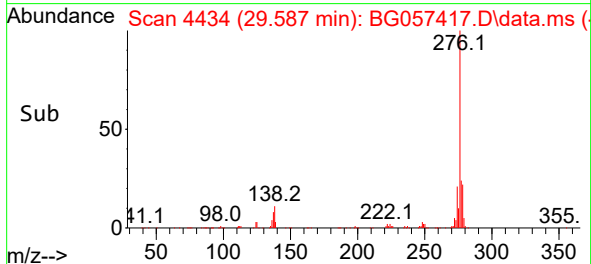
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MSD



Tgt Ion:276 Resp: 450908
Ion Ratio Lower Upper
276 100
138 13.0 5.4 8.0
277 26.0 20.6 30.8

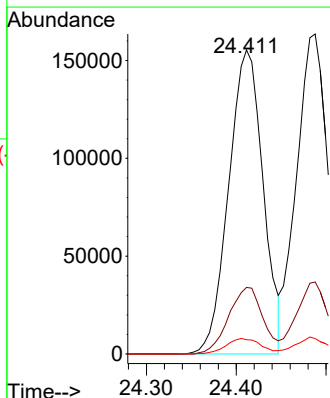
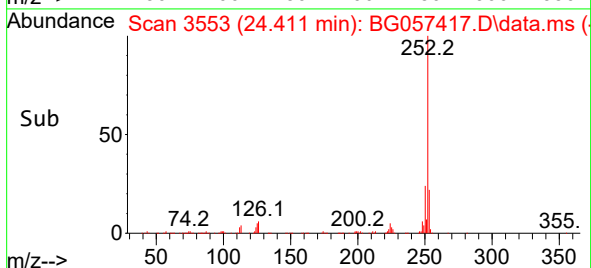
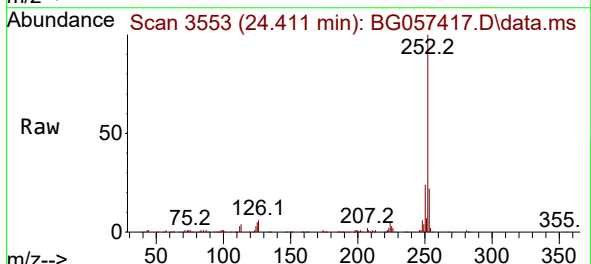
Manual Integrations
APPROVED

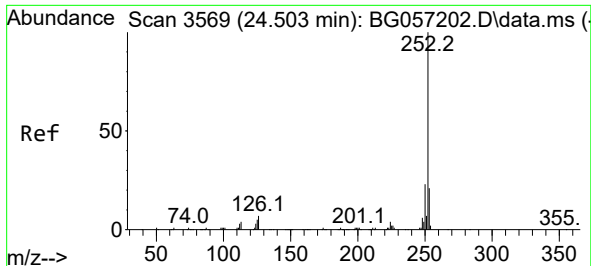
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#88
Benzo(b)fluoranthene
Concen: 48.903 ng
RT: 24.411 min Scan# 3553
Delta R.T. -0.001 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20

Tgt Ion:252 Resp: 413075
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 4.7 4.2 6.2





#89

Benzo(k)fluoranthene

Concen: 46.999 ng

RT: 24.488 min Scan# 3

Delta R.T. -0.001 min

Lab File: BG057417.D

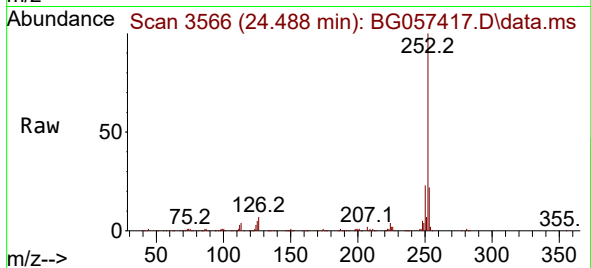
Acq: 12 May 2023 20:20

Instrument :

BNA_G

ClientSampleId :

SB-03-10-12-20230510MSD



Tgt Ion:252 Resp: 40341

Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.0

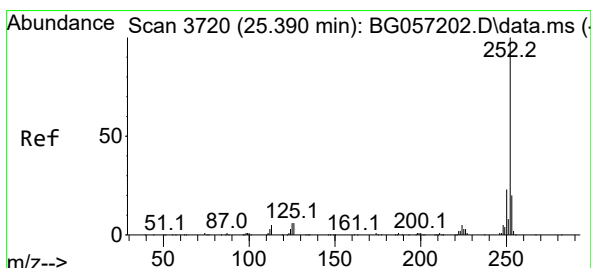
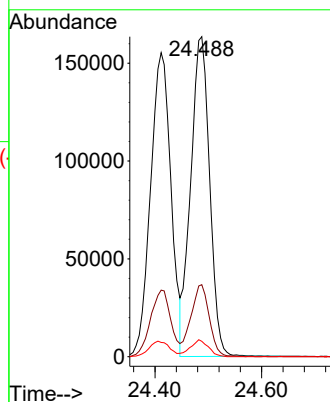
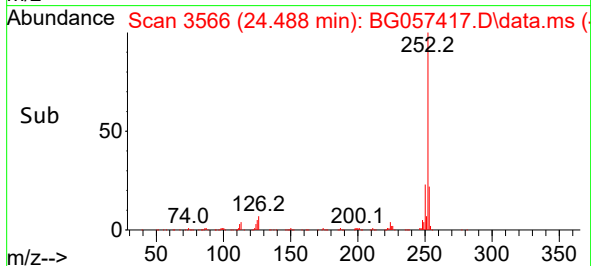
125 4.8 4.1 6.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/15/2023

Supervised By :Yogesh Patel 05/16/2023



#90

Benzo(a)pyrene

Concen: 43.525 ng

RT: 25.369 min Scan# 3716

Delta R.T. -0.007 min

Lab File: BG057417.D

Acq: 12 May 2023 20:20

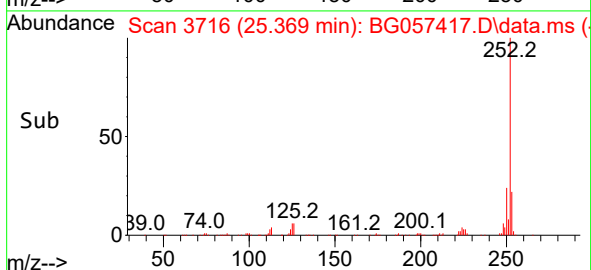
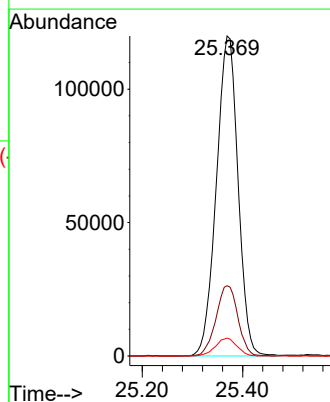
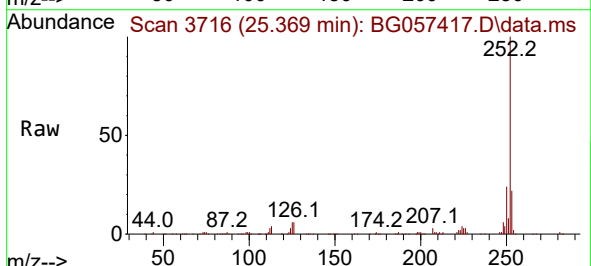
Tgt Ion:252 Resp: 359179

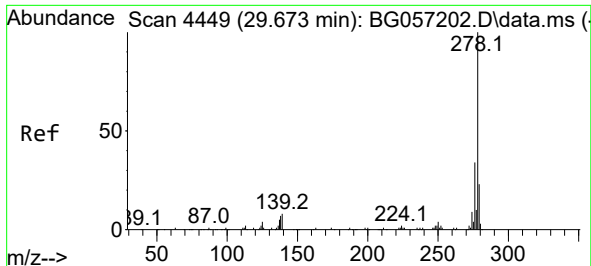
Ion Ratio Lower Upper

252 100

253 22.0 16.3 24.5

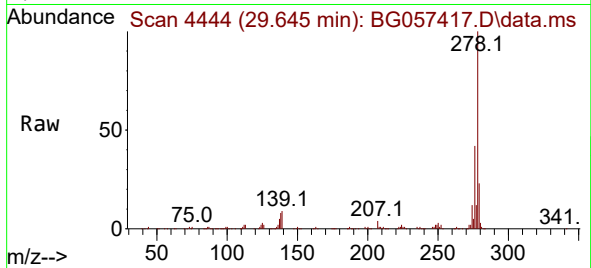
125 5.6 5.0 7.4





#91
Dibenzo(a,h)anthracene
Concen: 47.962 ng
RT: 29.645 min Scan# 4449
Delta R.T. -0.007 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20

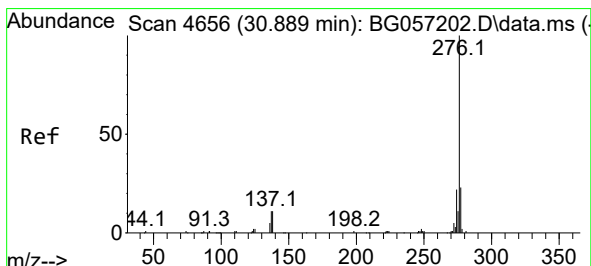
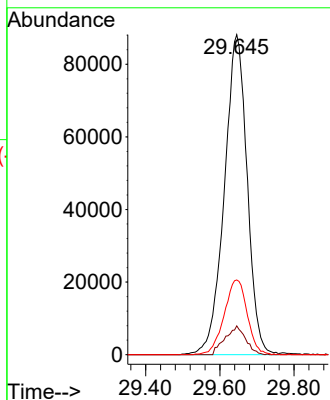
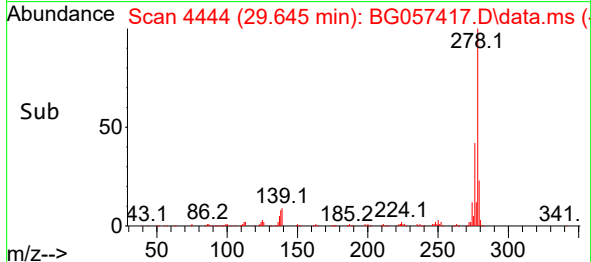
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MSD



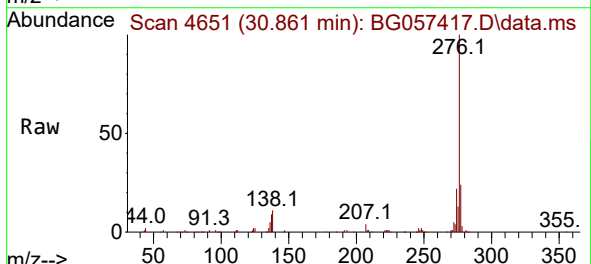
Tgt Ion:278 Resp: 376160
Ion Ratio Lower Upper
278 100
139 9.0 6.2 9.2
279 23.4 18.6 27.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#92
Benzo(g,h,i)perylene
Concen: 47.200 ng
RT: 30.861 min Scan# 4651
Delta R.T. -0.013 min
Lab File: BG057417.D
Acq: 12 May 2023 20:20



Tgt Ion:276 Resp: 361453
Ion Ratio Lower Upper
276 100
277 24.2 18.4 27.6
138 10.6 9.0 13.4

