

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042723\
 Data File : BG057209.D
 Acq On : 28 Apr 2023 2:20
 Operator : CG/JU
 Sample : PB152441BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB152441BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/28/2023
 Supervised By : Jagrut Upadhyay 04/28/2023

Quant Time: Apr 28 04:59:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 28 04:39:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.379	152	15709	20.000	ng	0.00
21) Naphthalene-d8	11.216	136	64354	20.000	ng	0.00
39) Acenaphthene-d10	14.993	164	52174	20.000	ng	0.00
64) Phenanthrene-d10	17.731	188	133553	20.000	ng	0.00
76) Chrysene-d12	22.043	240	118185	20.000	ng	0.00
86) Perylene-d12	25.550	264	127259	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.900	112	140516	153.013	ng	0.00
7) Phenol-d6	7.521	99	206243	147.896	ng	0.00
23) Nitrobenzene-d5	9.560	82	132203	86.221	ng	0.00
42) 2,4,6-Tribromophenol	16.474	330	102733	138.773	ng	0.00
45) 2-Fluorobiphenyl	13.619	172	332746	85.894	ng	0.00
79) Terphenyl-d14	20.298	244	663439	91.609	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.697	88	13977	36.810	ng	# 96
3) Pyridine	4.120	79	42499	34.828	ng	96
4) n-Nitrosodimethylamine	4.026	42	24697	43.068	ng	99
6) Aniline	7.692	93	59212	33.471	ng	97
8) 2-Chlorophenol	7.944	128	49626	51.141	ng	94
9) Benzaldehyde	7.504	77	35006	48.884	ng	94
10) Phenol	7.551	94	69457	51.094	ng	97
11) bis(2-Chloroethyl)ether	7.780	93	44436	43.349	ng	96
12) 1,3-Dichlorobenzene	8.267	146	50301	46.967	ng	97
13) 1,4-Dichlorobenzene	8.414	146	51793	48.145	ng	96
14) 1,2-Dichlorobenzene	8.743	146	49446	47.612	ng	97
15) Benzyl Alcohol	8.614	79	58137	50.043	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.902	45	61516	47.613	ng	98
17) 2-Methylphenol	8.814	107	47349	48.319	ng	96
18) Hexachloroethane	9.483	117	18044	46.478	ng	98
19) n-Nitroso-di-n-propyla...	9.184	70	45402	42.698	ng	# 88
20) 3+4-Methylphenols	9.143	107	64724	48.237	ng	96
22) Acetophenone	9.207	105	79955	43.409	ng	99
24) Nitrobenzene	9.601	77	67304	43.489	ng	99
25) Isophorone	10.124	82	122961	41.356	ng	97
26) 2-Nitrophenol	10.317	139	27369	46.202	ng	97
27) 2,4-Dimethylphenol	10.359	122	52395	50.512	ng	98
28) bis(2-Chloroethoxy)met...	10.594	93	64701	43.438	ng	97
29) 2,4-Dichlorophenol	10.858	162	55234	50.205	ng	94
30) 1,2,4-Trichlorobenzene	11.075	180	57605	45.396	ng	95
31) Naphthalene	11.269	128	152046	44.194	ng	99
32) Benzoic acid	10.511	122	27956m	46.862	ng	
33) 4-Chloroaniline	11.369	127	39908	25.830	ng	98
34) Hexachlorobutadiene	11.539	225	41038	43.585	ng	98
35) Caprolactam	12.138	113	18736m	49.856	ng	
36) 4-Chloro-3-methylphenol	12.467	107	62500	49.990	ng	98
37) 2-Methylnaphthalene	12.849	142	114909	42.480	ng	97
38) 1-Methylnaphthalene	13.061	142	110156	43.205	ng	100
40) 1,2,4,5-Tetrachloroben...	13.208	216	80525	43.475	ng	99
41) Hexachlorocyclopentadiene	13.178	237	91160	100.630	ng	98
43) 2,4,6-Trichlorophenol	13.443	196	53446	47.363	ng	97

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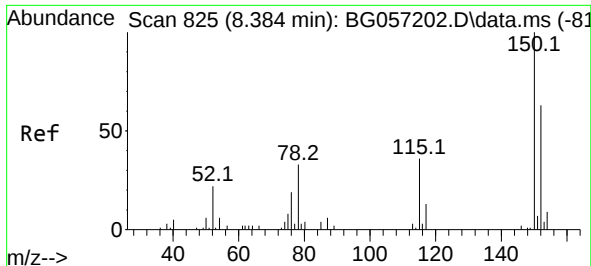
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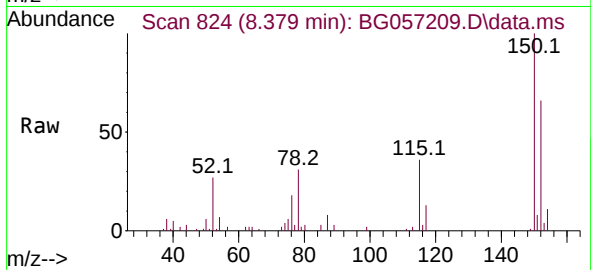
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.519	196	57893	43.615	ng	94
46) 1,1'-Biphenyl	13.830	154	170871	44.136	ng	97
47) 2-Chloronaphthalene	13.883	162	132629	46.069	ng	99
48) 2-Nitroaniline	14.077	65	45626	46.610	ng	99
49) Acenaphthylene	14.723	152	206837	44.222	ng	99
50) Dimethylphthalate	14.429	163	186476	43.494	ng	99
51) 2,6-Dinitrotoluene	14.559	165	40156	45.873	ng	97
52) Acenaphthene	15.058	154	128977	44.130	ng	98
53) 3-Nitroaniline	14.894	138	22475	25.628	ng	88
54) 2,4-Dinitrophenol	15.099	184	48013	88.040	ng	94
55) Dibenzofuran	15.387	168	215951	43.976	ng	98
56) 4-Nitrophenol	15.193	139	58518	100.327	ng	93
57) 2,4-Dinitrotoluene	15.346	165	57122	45.659	ng	99
58) Fluorene	16.033	166	179337	44.337	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.610	232	54732	45.480	ng	96
60) Diethylphthalate	15.775	149	190884	43.841	ng	99
61) 4-Chlorophenyl-phenyle...	16.010	204	106922	43.879	ng	98
62) 4-Nitroaniline	16.051	138	39060	44.150	ng	95
63) Azobenzene	16.303	77	184384	43.890	ng	98
65) 4,6-Dinitro-2-methylph...	16.110	198	38898	48.783	ng	99
66) n-Nitrosodiphenylamine	16.227	169	159228	43.897	ng	99
67) 4-Bromophenyl-phenylether	16.908	248	72314	44.355	ng	97
68) Hexachlorobenzene	17.038	284	73469	46.372	ng	100
69) Atrazine	17.155	200	71511	51.681	ng	97
70) Pentachlorophenol	17.378	266	77903	85.320	ng	97
71) Phenanthrene	17.772	178	303781	44.390	ng	100
72) Anthracene	17.866	178	309407	44.062	ng	99
73) Carbazole	18.130	167	269670	45.617	ng	98
74) Di-n-butylphthalate	18.647	149	309551	45.511	ng	99
75) Fluoranthene	19.763	202	373279	43.856	ng	98
77) Benzidine	19.928	184	151216	57.231	ng	99
78) Pyrene	20.122	202	379192	44.154	ng	99
80) Butylbenzylphthalate	20.974	149	125338	45.997	ng	99
81) Benzo(a)anthracene	22.019	228	387135	45.976	ng	99
82) 3,3'-Dichlorobenzidine	21.913	252	75589	28.026	ng	99
83) Chrysene	22.090	228	350465	44.237	ng	99
84) Bis(2-ethylhexyl)phtha...	21.866	149	184384	45.734	ng	99
85) Di-n-octyl phthalate	23.165	149	310472	46.192	ng	100
87) Indeno(1,2,3-cd)pyrene	29.603	276	432029	46.581	ng	100
88) Benzo(b)fluoranthene	24.428	252	396566	47.671	ng	98
89) Benzo(k)fluoranthene	24.498	252	388588	45.968	ng	98
90) Benzo(a)pyrene	25.385	252	346539	42.639	ng	97
91) Dibenzo(a,h)anthracene	29.668	278	358062	46.357	ng	98
92) Benzo(g,h,i)perylene	30.884	276	345417	45.800	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.379 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG057209.D
Acq: 28 Apr 2023 2:20

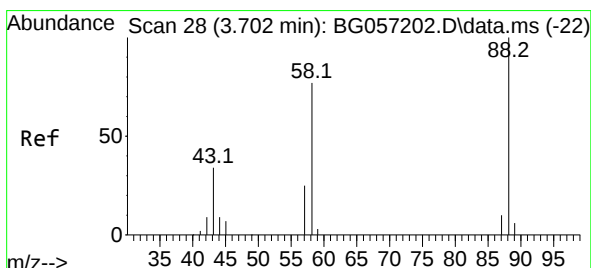
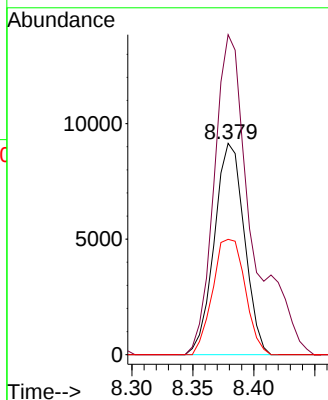
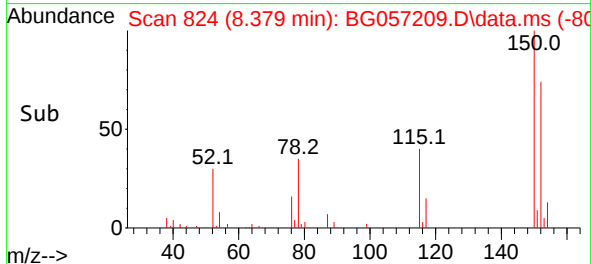
Instrument :
BNA_G
ClientSampleId :
PB152441BS



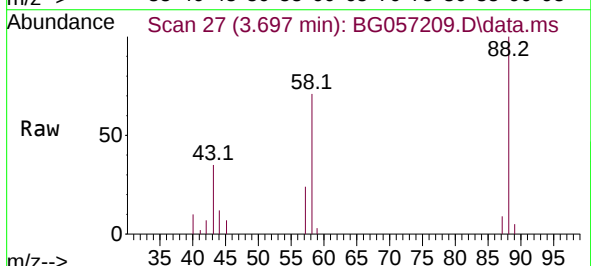
Tgt Ion:152 Resp: 15709
Ion Ratio Lower Upper
152 100
150 151.4 126.2 189.4
115 54.6 45.0 67.4

Manual Integrations
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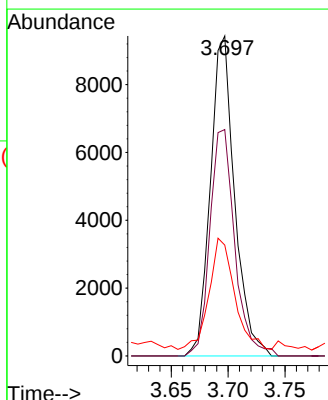
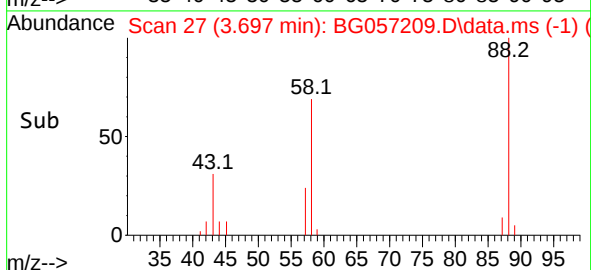
Reviewed By :Christian Giraldo 04/28/2023
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#2
1,4-Dioxane
Concen: 36.810 ng
RT: 3.697 min Scan# 27
Delta R.T. -0.005 min
Lab File: BG057209.D
Acq: 28 Apr 2023 2:20



Tgt Ion: 88 Resp: 13977
Ion Ratio Lower Upper
88 100
58 72.5 57.1 85.7
43 36.6 24.4 36.6#





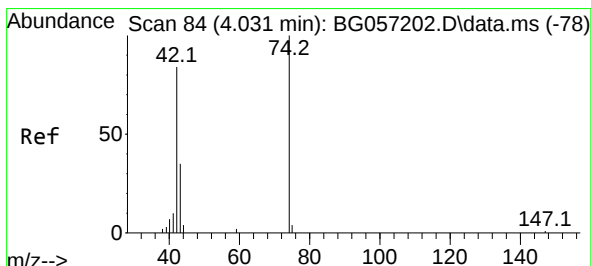
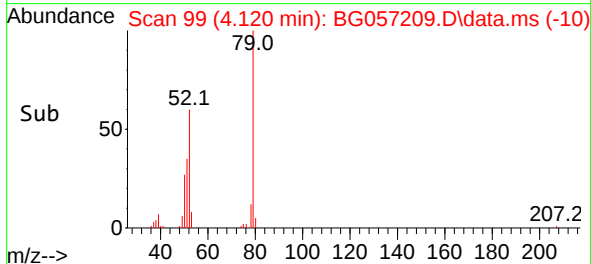
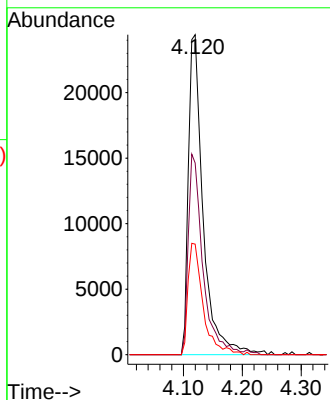
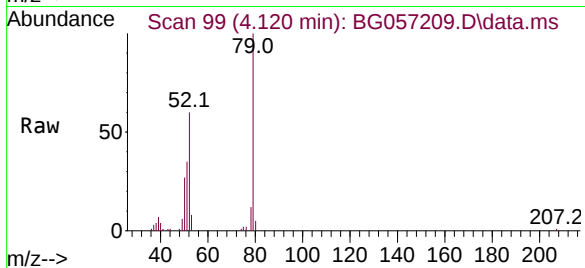
#3
Pyridine
Concen: 34.828 ng
RT: 4.120 min Scan# 90
Delta R.T. -0.005 min
Lab File: BG057209.D
Acq: 28 Apr 2023 2:20

Instrument :
BNA_G
ClientSampleId :
PB152441BS

Tgt Ion: 79 Resp: 42499
Ion Ratio Lower Upper
79 100
52 59.9 51.4 77.0
51 34.5 28.0 42.0

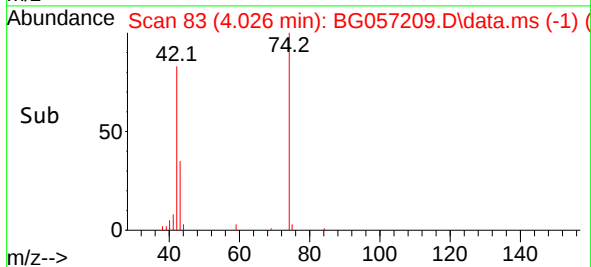
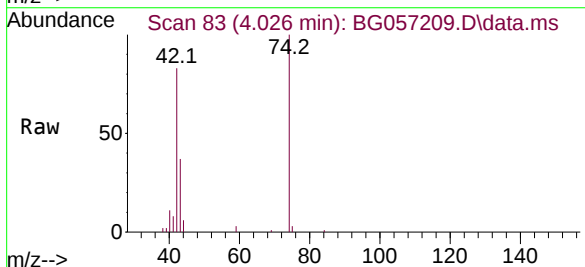
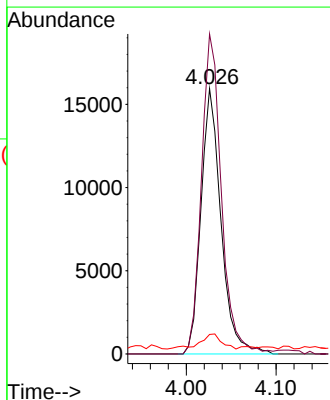
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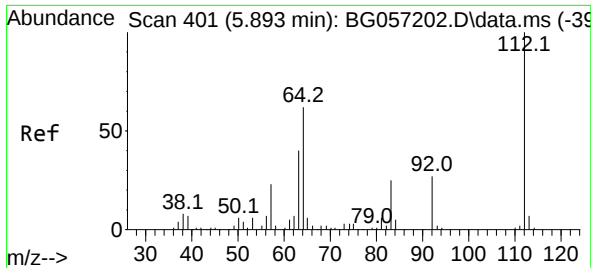
Reviewed By :Christian Giraldo 04/28/2023
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#4
n-Nitrosodimethylamine
Concen: 43.068 ng
RT: 4.026 min Scan# 83
Delta R.T. -0.005 min
Lab File: BG057209.D
Acq: 28 Apr 2023 2:20

Tgt Ion: 42 Resp: 24697
Ion Ratio Lower Upper
42 100
74 120.6 95.1 142.7
44 7.4 5.8 8.8





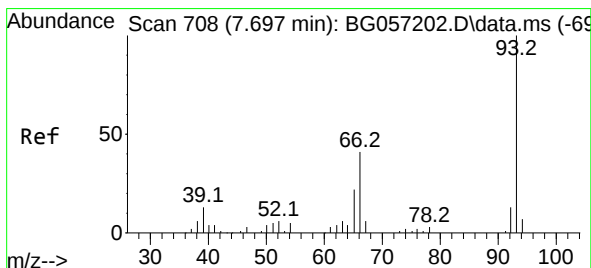
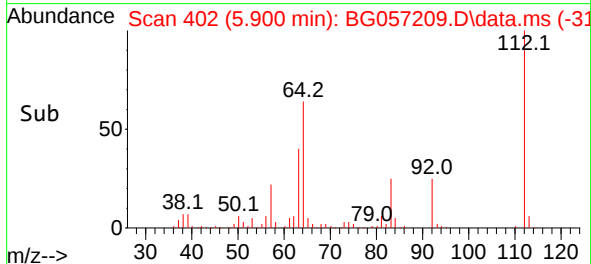
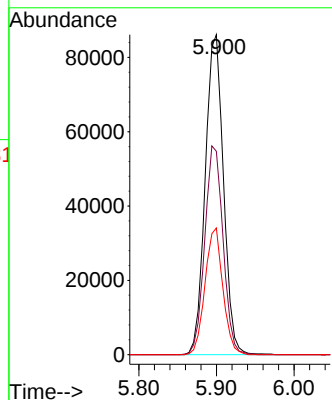
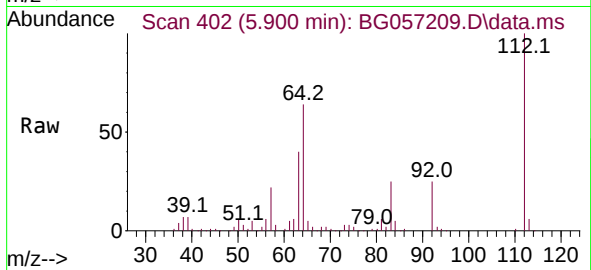
#5
2-Fluorophenol
Concen: 153.013 ng
RT: 5.900 min Scan# 401
Delta R.T. 0.007 min
Lab File: BG057209.D
Acq: 28 Apr 2023 2:20

Instrument :
BNA_G
ClientSampleId :
PB152441BS

Tgt Ion:112 Resp: 140510
Ion Ratio Lower Upper
112 100
64 63.5 49.4 74.2
63 39.6 31.6 47.4

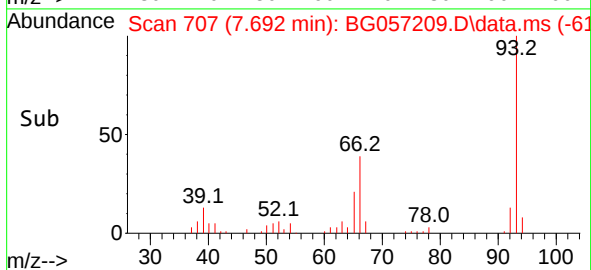
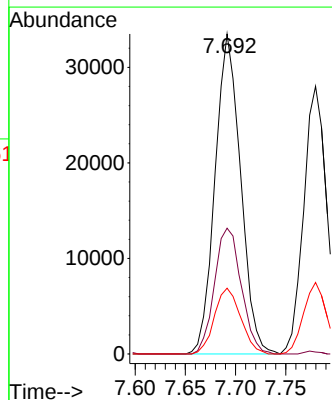
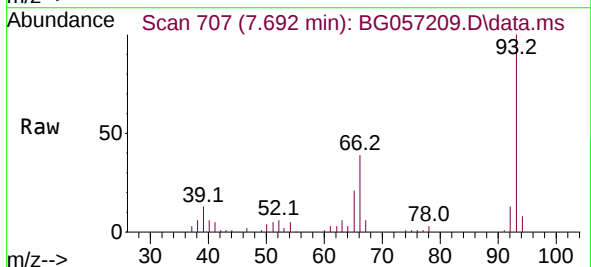
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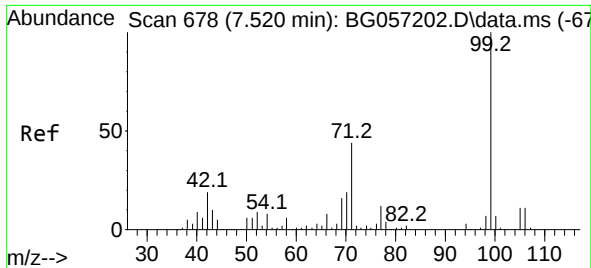
Reviewed By :Christian Giraldo 04/28/2023
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#6
Aniline
Concen: 33.471 ng
RT: 7.692 min Scan# 707
Delta R.T. -0.005 min
Lab File: BG057209.D
Acq: 28 Apr 2023 2:20

Tgt Ion: 93 Resp: 59212
Ion Ratio Lower Upper
93 100
66 39.3 33.0 49.6
65 20.6 18.0 27.0





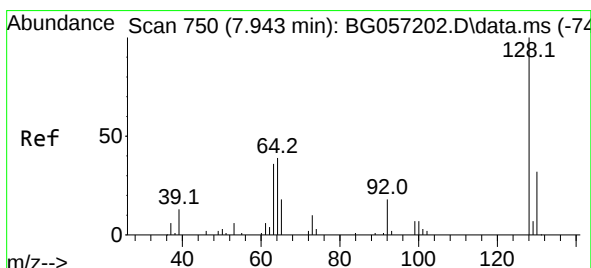
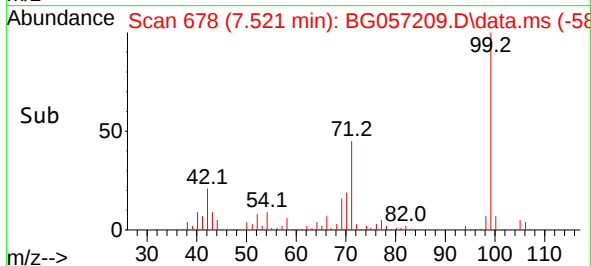
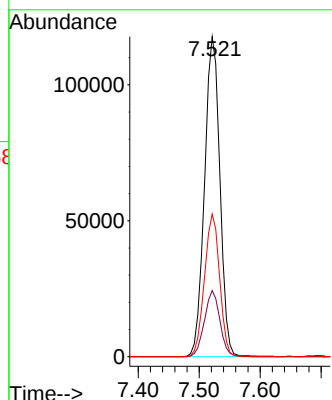
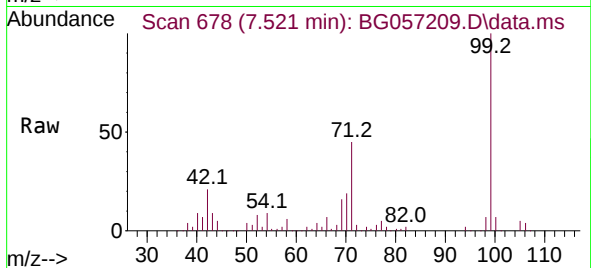
#7
Phenol-d6
Concen: 147.896 ng
RT: 7.521 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG057209.D
Acq: 28 Apr 2023 2:20

Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 20624
Ion Ratio Lower Upper
99 100
42 20.6 15.1 22.7
71 44.5 35.2 52.8

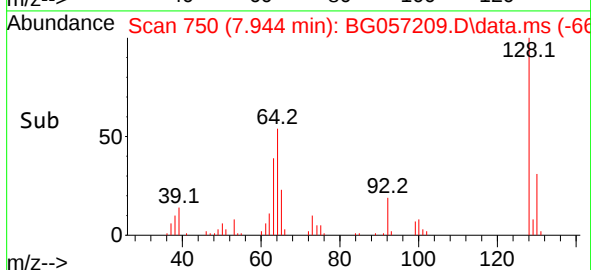
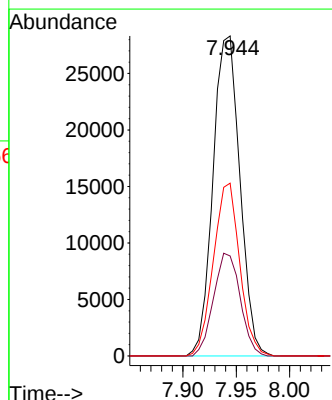
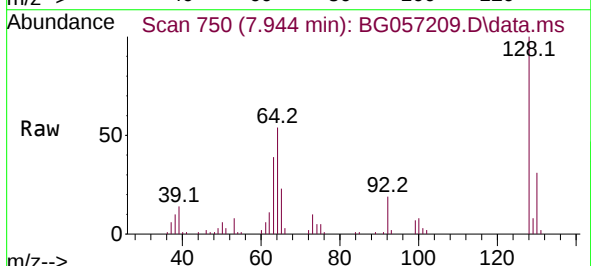
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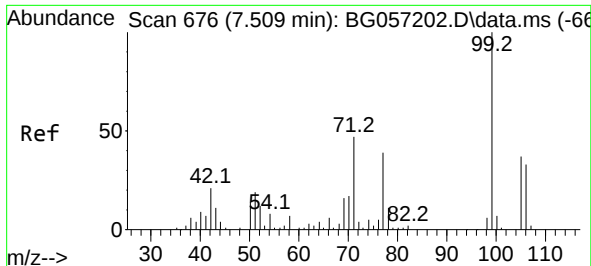
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#8
2-Chlorophenol
Concen: 51.141 ng
RT: 7.944 min Scan# 750
Delta R.T. 0.001 min
Lab File: BG057209.D
Acq: 28 Apr 2023 2:20

Tgt Ion:128 Resp: 49626
Ion Ratio Lower Upper
128 100
130 31.3 12.2 52.2
64 54.0 28.4 68.4





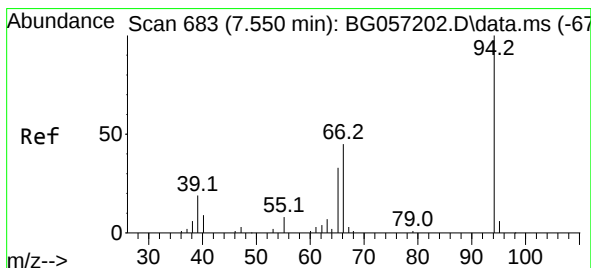
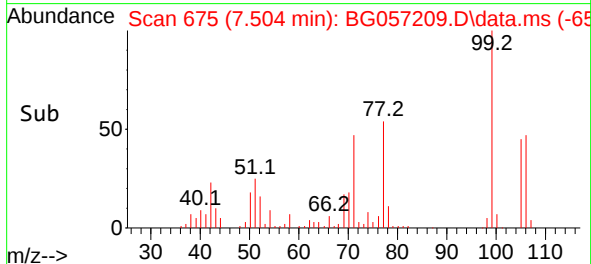
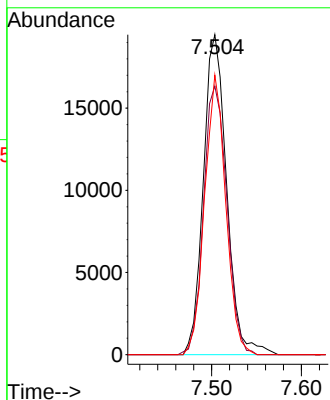
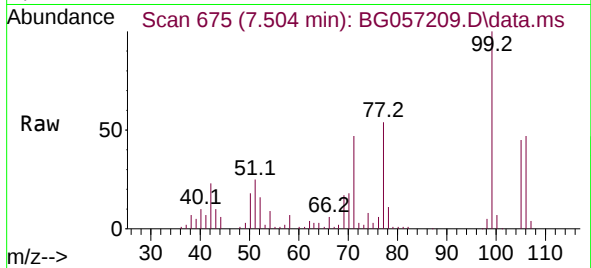
#9
Benzaldehyde
Concen: 48.884 ng
RT: 7.504 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG057209.D
Acq: 28 Apr 2023 2:20

Instrument :
BNA_G
ClientSampleId :
PB152441BS

Tgt Ion: 77 Resp: 35000
Ion Ratio Lower Upper
77 100
105 83.9 74.6 114.6
106 87.3 66.3 106.3

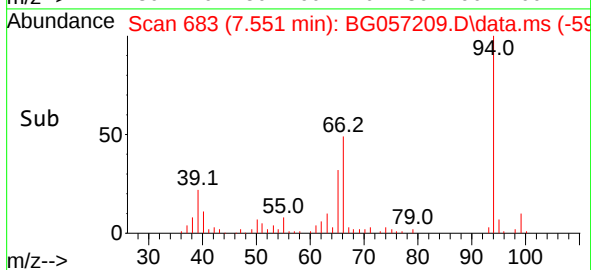
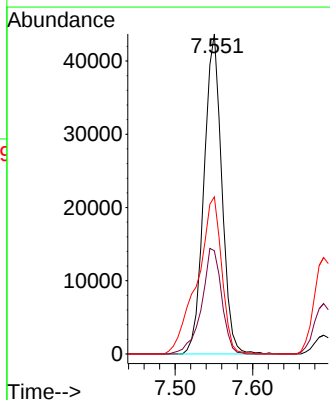
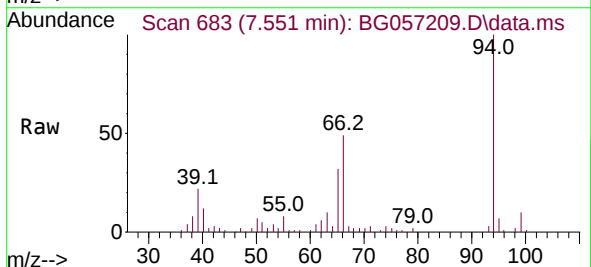
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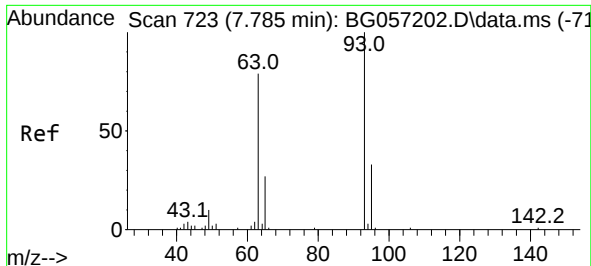
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#10
Phenol
Concen: 51.094 ng
RT: 7.551 min Scan# 683
Delta R.T. 0.001 min
Lab File: BG057209.D
Acq: 28 Apr 2023 2:20

Tgt Ion: 94 Resp: 69457
Ion Ratio Lower Upper
94 100
65 32.2 13.5 53.5
66 49.1 26.7 66.7





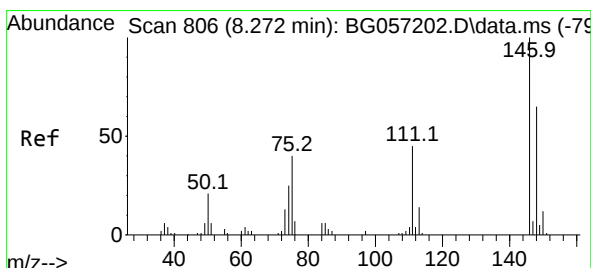
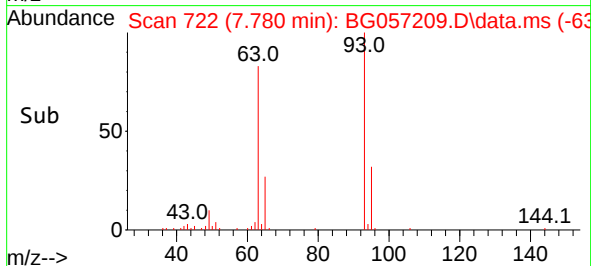
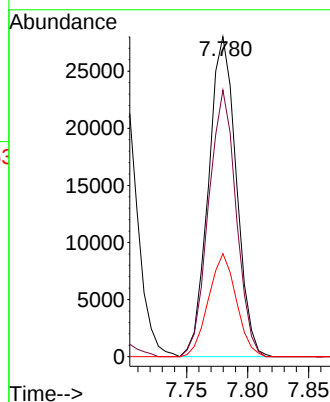
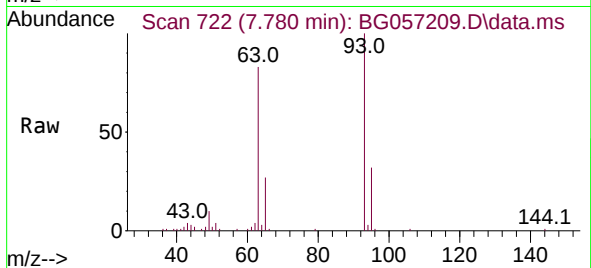
#11
bis(2-Chloroethyl)ether
Concen: 43.349 ng
RT: 7.780 min Scan# 71
Delta R.T. -0.005 min
Lab File: BG057209.D
Acq: 28 Apr 2023 2:20

Instrument :
BNA_G
ClientSampleId :
PB152441BS

Tgt Ion: 93 Resp: 44430
Ion Ratio Lower Upper
93 100
63 83.3 58.6 98.6
95 32.2 12.2 52.2

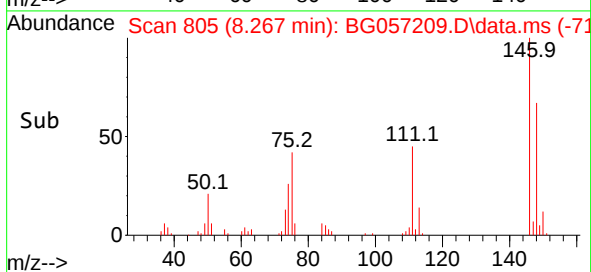
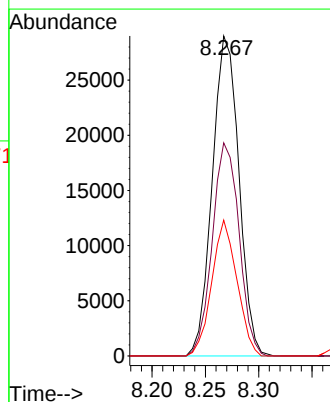
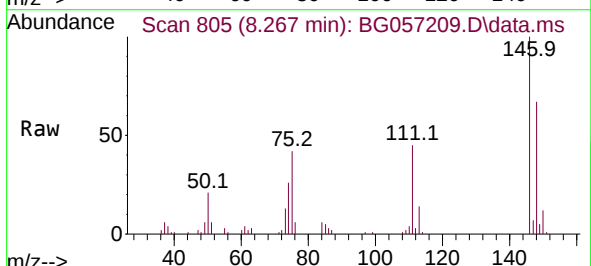
Manual Integrations
APPROVED

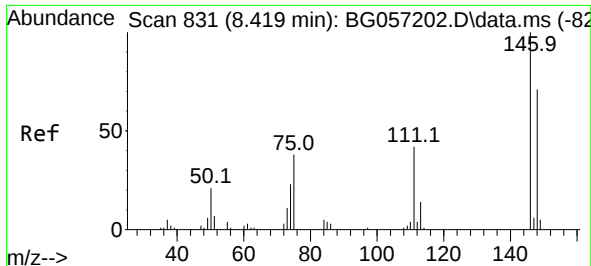
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#12
1,3-Dichlorobenzene
Concen: 46.967 ng
RT: 8.267 min Scan# 805
Delta R.T. -0.005 min
Lab File: BG057209.D
Acq: 28 Apr 2023 2:20

Tgt Ion:146 Resp: 50301
Ion Ratio Lower Upper
146 100
148 66.6 52.2 78.2
75 42.4 31.7 47.5





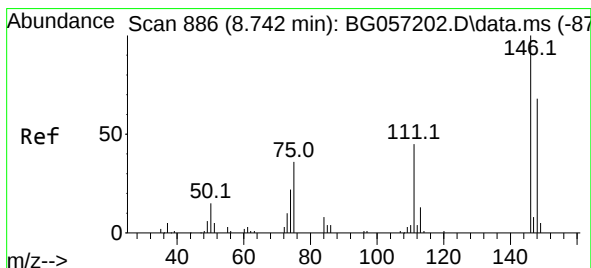
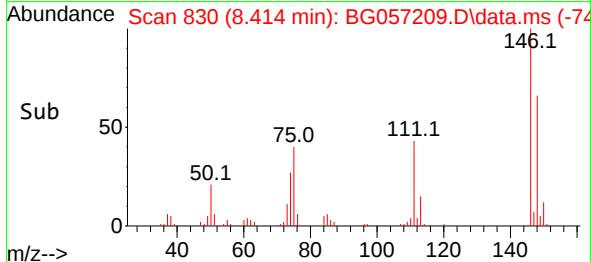
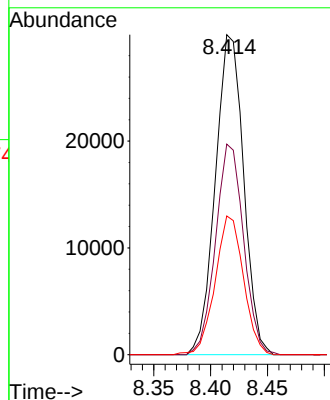
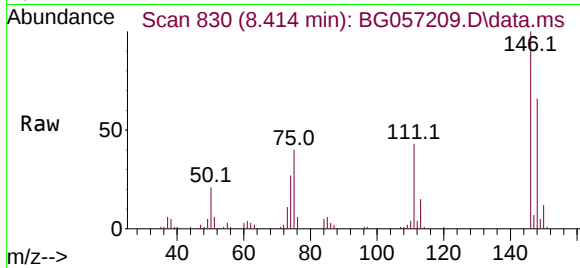
#13
1,4-Dichlorobenzene
Concen: 48.145 ng
RT: 8.414 min Scan# 811
Delta R.T. -0.005 min
Lab File: BG057209.D
Acq: 28 Apr 2023 2:20

Instrument :
BNA_G
ClientSampleId :
PB152441BS

Tgt Ion:146 Resp: 5179
Ion Ratio Lower Upper
146 100
148 65.8 56.4 84.6
111 43.4 33.8 50.6

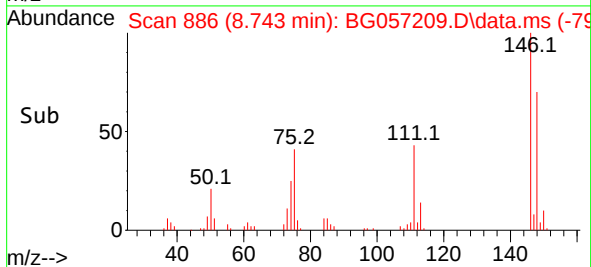
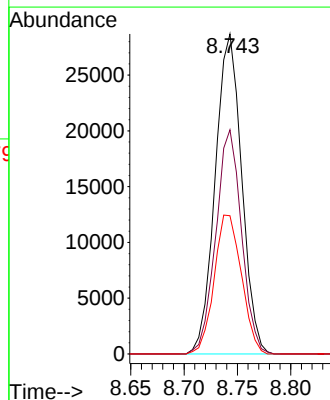
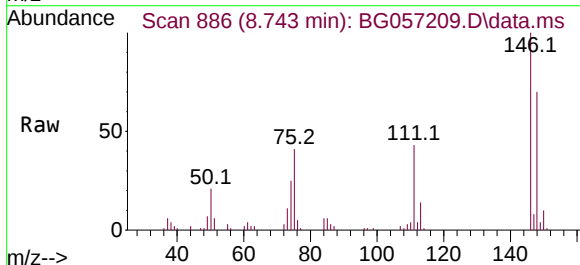
Manual Integrations
APPROVED

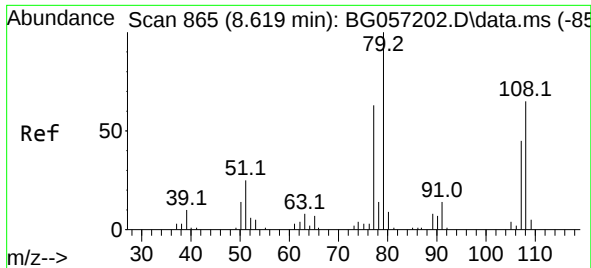
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#14
1,2-Dichlorobenzene
Concen: 47.612 ng
RT: 8.743 min Scan# 886
Delta R.T. 0.001 min
Lab File: BG057209.D
Acq: 28 Apr 2023 2:20

Tgt Ion:146 Resp: 49446
Ion Ratio Lower Upper
146 100
148 70.1 54.6 82.0
111 43.2 37.2 55.8





#15
Benzyl Alcohol
Concen: 50.043 ng
RT: 8.614 min Scan# 864
Delta R.T. -0.005 min
Lab File: BG057209.D
Acq: 28 Apr 2023 2:20

Instrument :

BNA_G

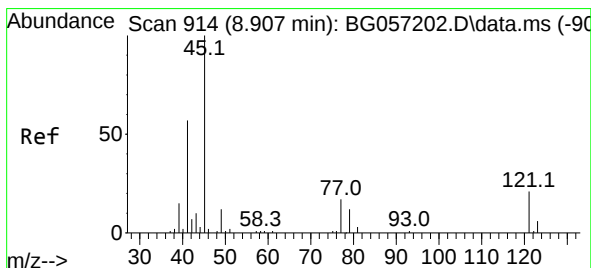
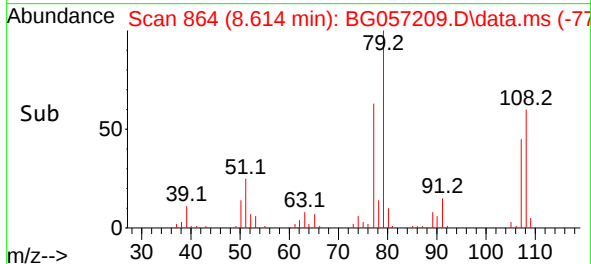
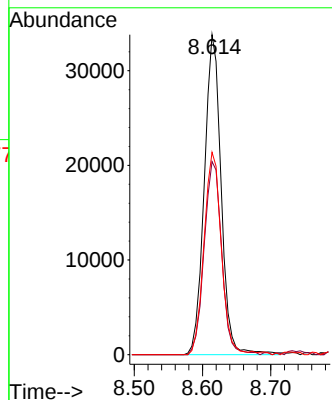
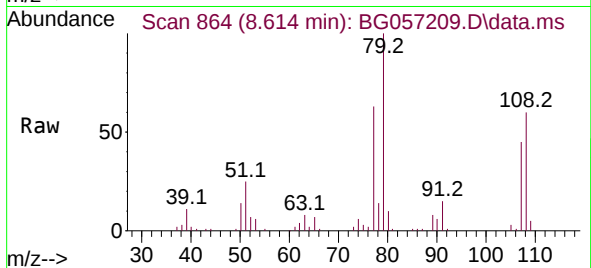
ClientSampleId :

PB152441BS

Tgt Ion: 79 Resp: 5813
Ion Ratio Lower Upper
79 100
108 60.3 52.2 78.2
77 63.3 50.1 75.1

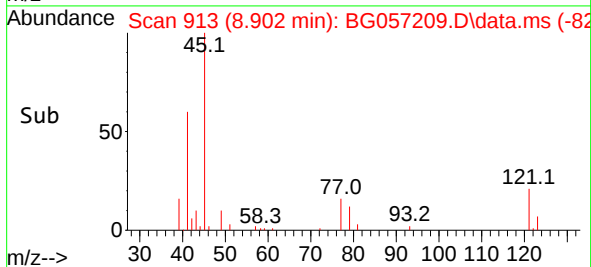
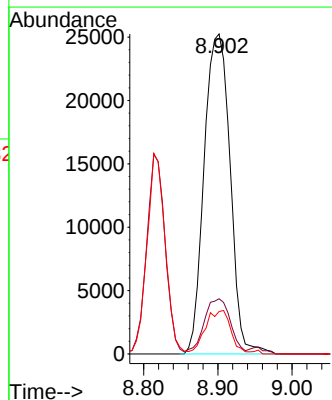
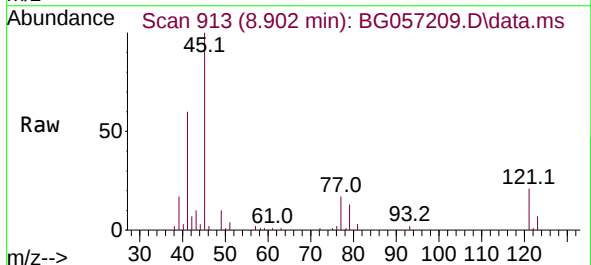
Manual Integrations
APPROVED

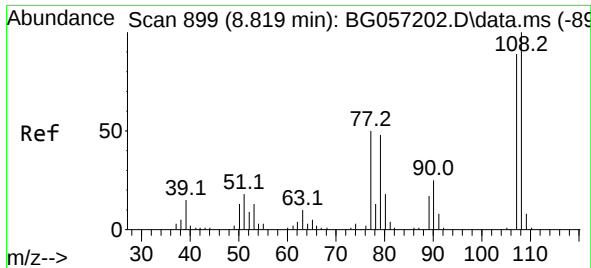
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.613 ng
RT: 8.902 min Scan# 913
Delta R.T. -0.005 min
Lab File: BG057209.D
Acq: 28 Apr 2023 2:20

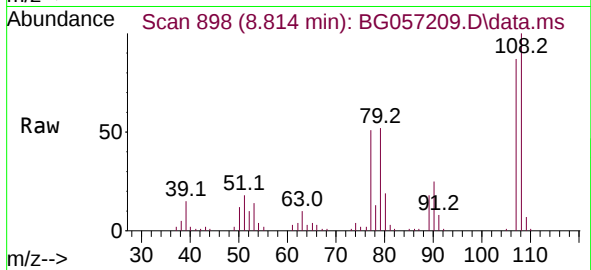
Tgt Ion: 45 Resp: 61516
Ion Ratio Lower Upper
45 100
77 17.2 0.0 38.5
79 13.3 0.0 33.8





#17
2-Methylphenol
Concen: 48.319 ng
RT: 8.814 min Scan# 899
Delta R.T. -0.005 min
Lab File: BG057209.D
Acq: 28 Apr 2023 2:20

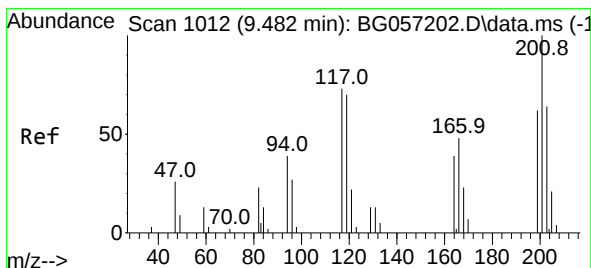
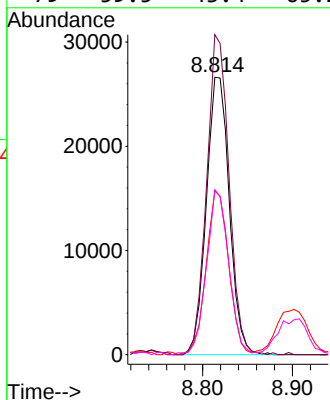
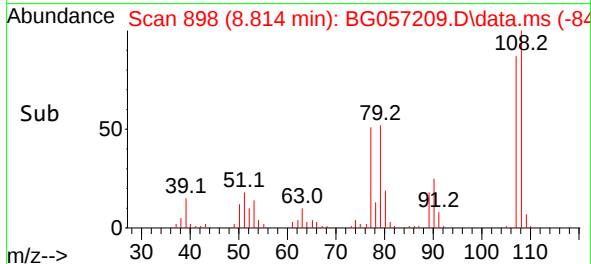
Instrument :
BNA_G
ClientSampleId :
PB152441BS



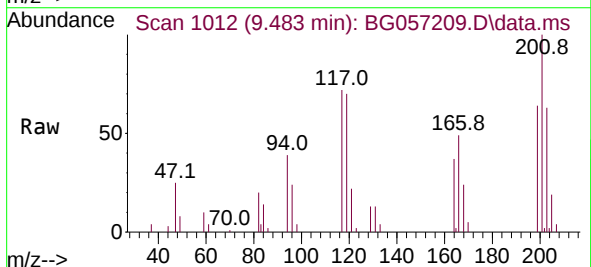
Tgt Ion:	107	Resp:	47349
Ion	Ratio	Lower	Upper
107	100		
108	115.4	89.5	134.3
77	59.1	45.1	67.7
79	59.5	43.4	65.2

Manual Integrations
APPROVED

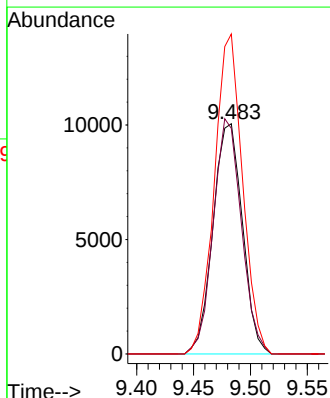
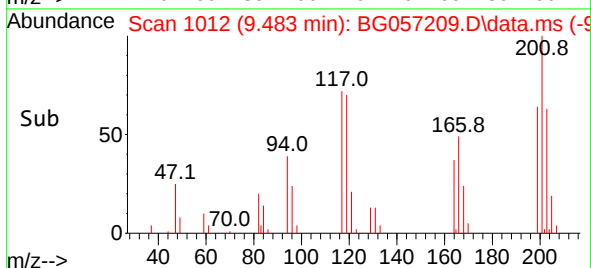
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

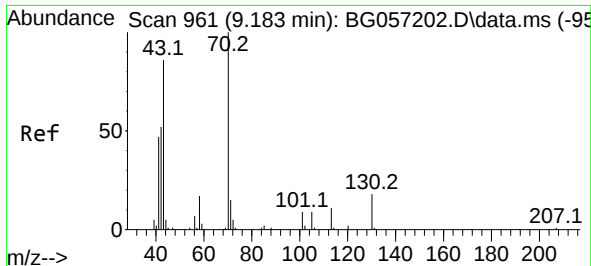


#18
Hexachloroethane
Concen: 46.478 ng
RT: 9.483 min Scan# 1012
Delta R.T. 0.001 min
Lab File: BG057209.D
Acq: 28 Apr 2023 2:20



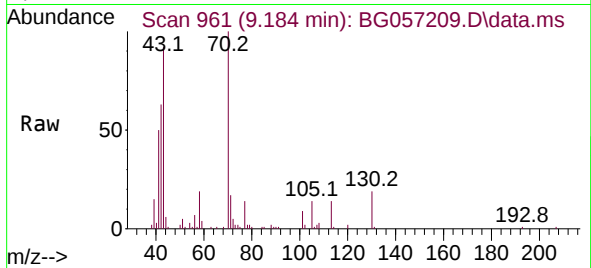
Tgt Ion:	117	Resp:	18044
Ion	Ratio	Lower	Upper
117	100		
119	97.9	76.7	115.1
201	138.9	109.0	163.4





#19
n-Nitroso-di-n-propylamine
Concen: 42.698 ng
RT: 9.184 min Scan# 90
Delta R.T. 0.001 min
Lab File: BG057209.D
Acq: 28 Apr 2023 2:20

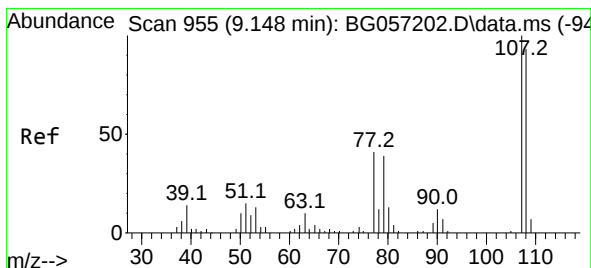
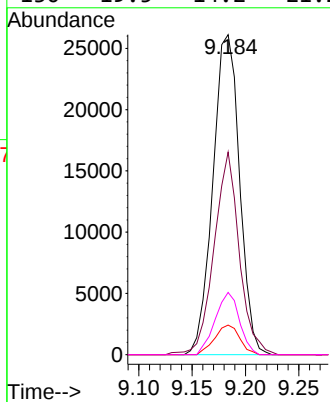
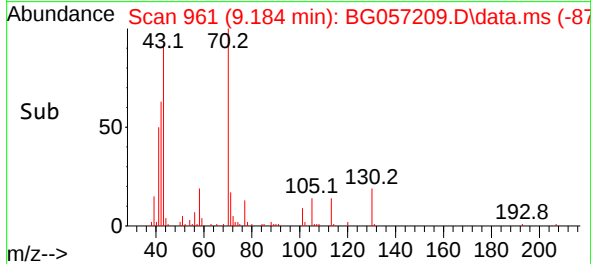
Instrument :
BNA_G
ClientSampleId :
PB152441BS



Tgt Ion: 70 Resp: 4540
Ion Ratio Lower Upper
70 100
42 63.3 41.8 62.8
101 9.3 6.8 10.2
130 19.5 14.2 21.2

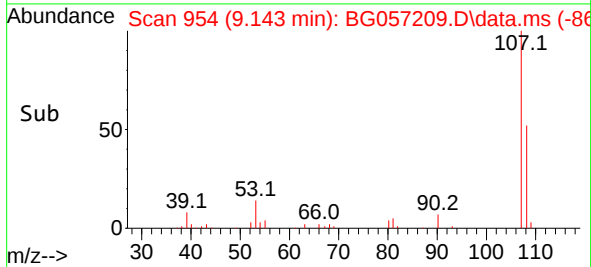
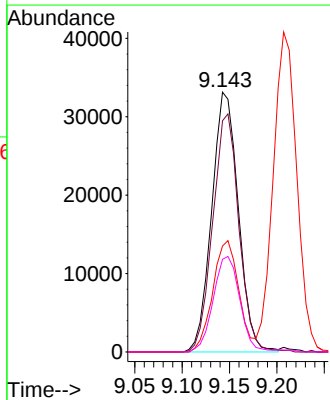
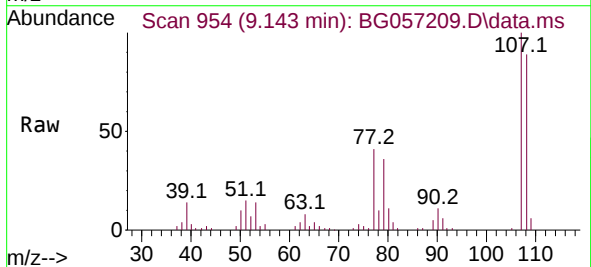
Manual Integrations
APPROVED

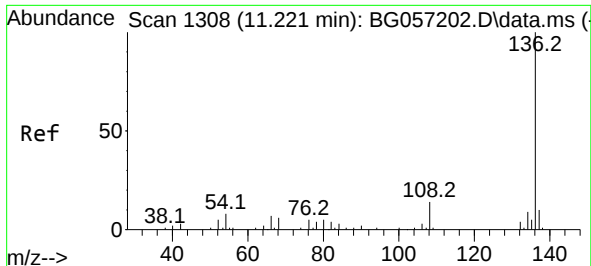
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#20
3+4-Methylphenols
Concen: 48.237 ng
RT: 9.143 min Scan# 954
Delta R.T. -0.005 min
Lab File: BG057209.D
Acq: 28 Apr 2023 2:20

Tgt Ion:107 Resp: 64724
Ion Ratio Lower Upper
107 100
108 88.9 73.5 113.5
77 40.8 21.1 61.1
79 35.6 18.8 58.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.216 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG057209.D
Acq: 28 Apr 2023 2:20

Instrument :

BNA_G

ClientSampleId :

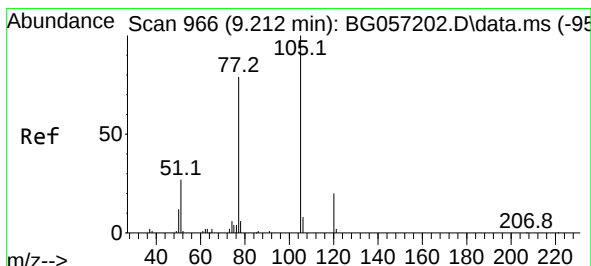
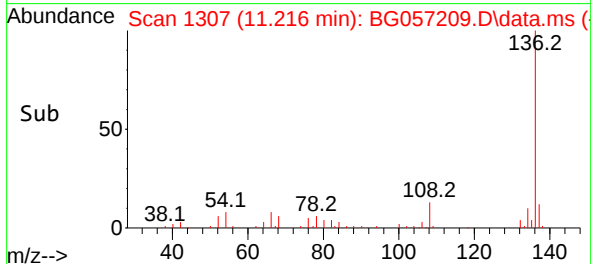
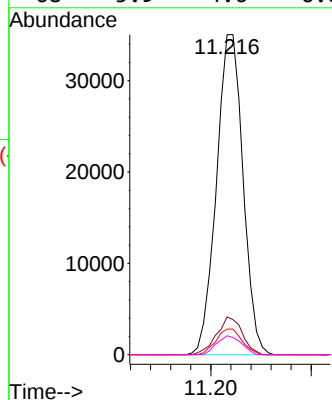
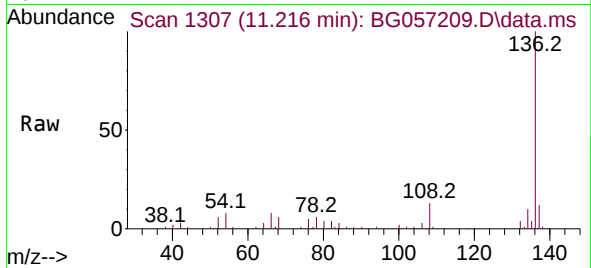
PB152441BS

Tgt Ion:136 Resp: 64354
Ion Ratio Lower Upper
136 100
137 11.8 8.3 12.5
54 8.0 6.7 10.1
68 5.9 4.6 6.8

Manual Integrations

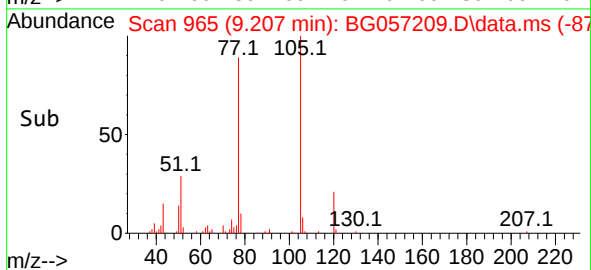
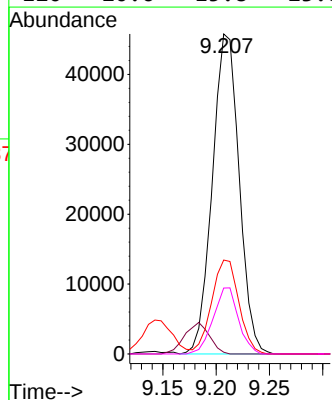
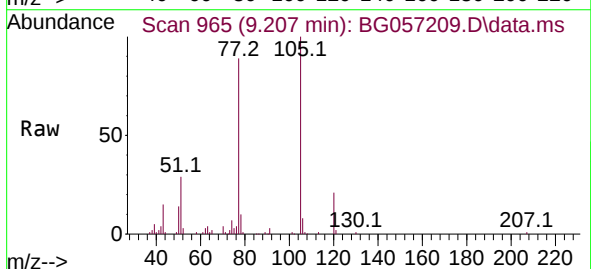
APPROVED

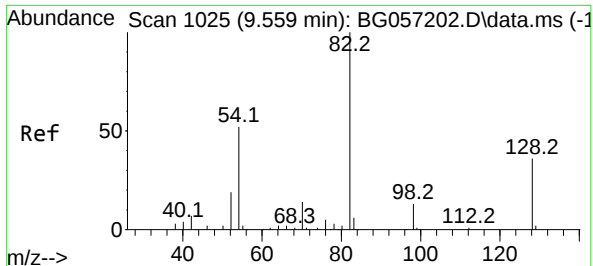
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#22
Acetophenone
Concen: 43.409 ng
RT: 9.207 min Scan# 965
Delta R.T. -0.005 min
Lab File: BG057209.D
Acq: 28 Apr 2023 2:20

Tgt Ion:105 Resp: 79955
Ion Ratio Lower Upper
105 100
71 0.6 0.4 0.6
51 29.3 24.0 36.0
120 20.6 15.8 23.8





#23

Nitrobenzene-d5

Concen: 86.221 ng

RT: 9.560 min Scan# 1025

Delta R.T. 0.001 min

Lab File: BG057209.D

Acq: 28 Apr 2023 2:20

Instrument :

BNA_G

ClientSampleId :

PB152441BS

Tgt Ion: 82 Resp: 13220

Ion Ratio Lower Upper

82 100

128 35.2 29.0 43.4

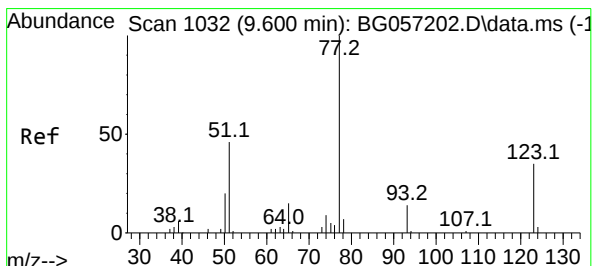
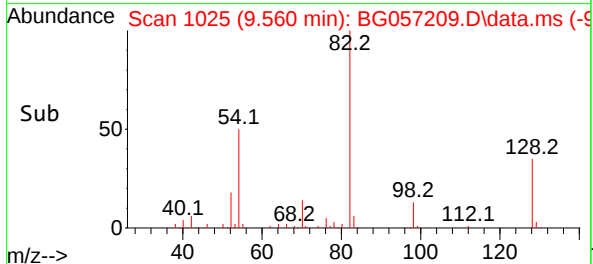
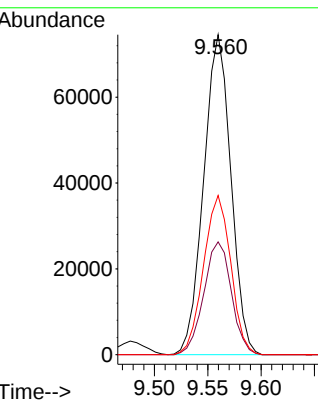
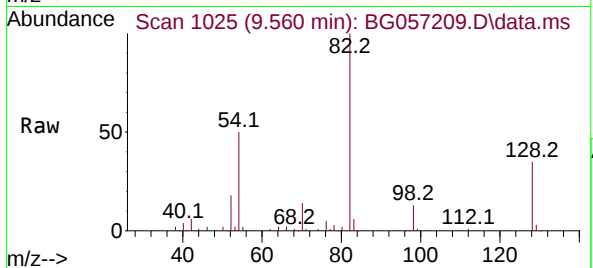
54 49.7 41.4 62.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/28/2023

Supervised By :Jagrut Upadhyay 04/28/2023



#24

Nitrobenzene

Concen: 43.489 ng

RT: 9.601 min Scan# 1032

Delta R.T. 0.001 min

Lab File: BG057209.D

Acq: 28 Apr 2023 2:20

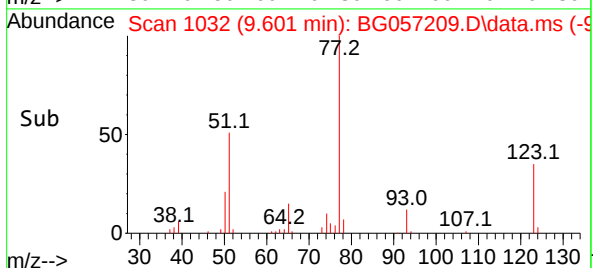
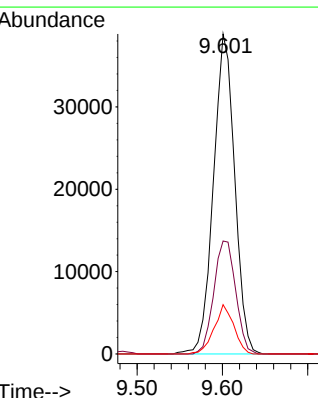
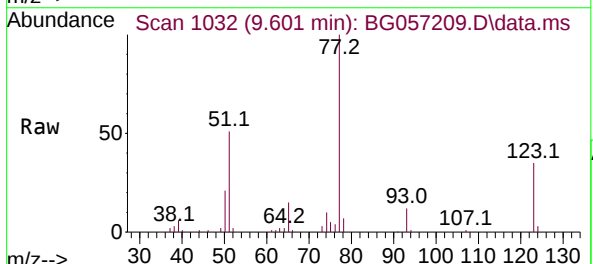
Tgt Ion: 77 Resp: 67304

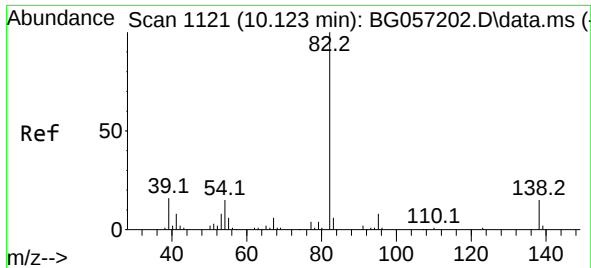
Ion Ratio Lower Upper

77 100

123 35.3 28.2 42.2

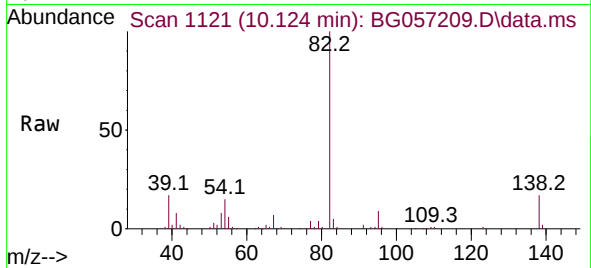
65 15.4 11.7 17.5





#25
Isophorone
Concen: 41.356 ng
RT: 10.124 min Scan# 1121
Delta R.T. 0.001 min
Lab File: BG057209.D
Acq: 28 Apr 2023 2:20

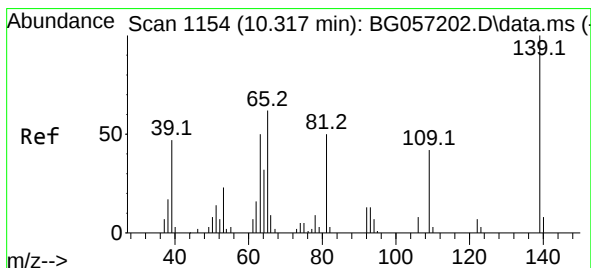
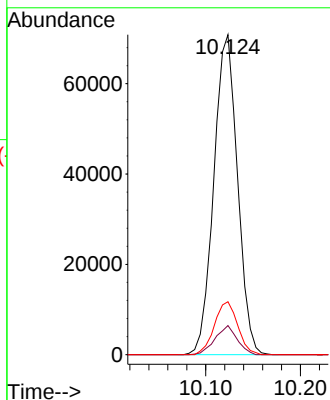
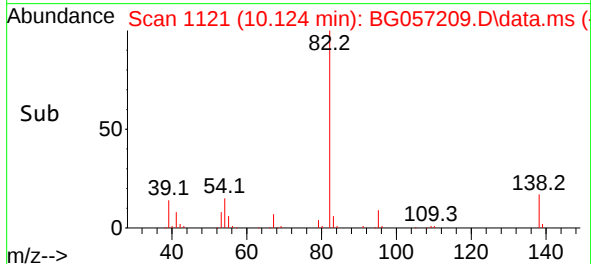
Instrument :
BNA_G
ClientSampleId :
PB152441BS



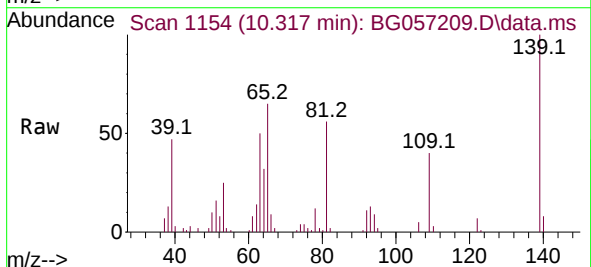
Tgt Ion: 82 Resp: 12296
Ion Ratio Lower Upper
82 100
95 9.1 6.4 9.6
138 16.5 12.3 18.5

Manual Integrations
APPROVED

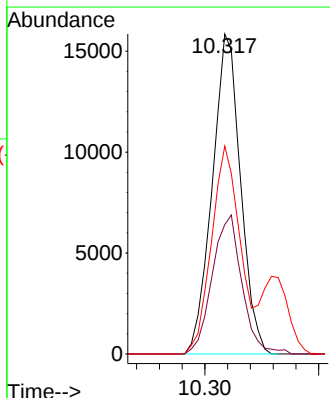
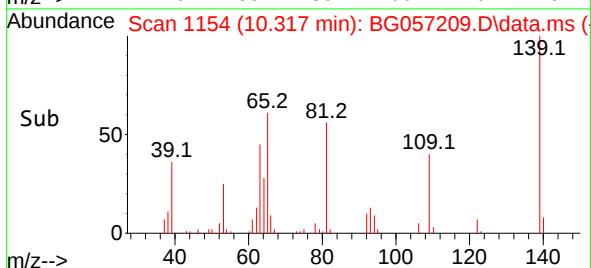
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

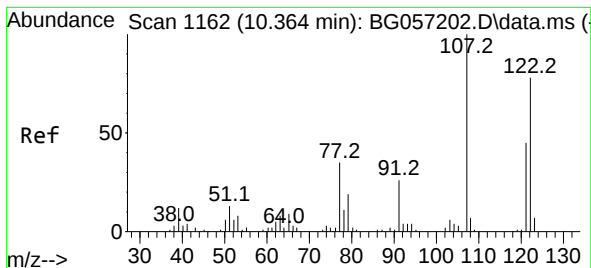


#26
2-Nitrophenol
Concen: 46.202 ng
RT: 10.317 min Scan# 1154
Delta R.T. 0.001 min
Lab File: BG057209.D
Acq: 28 Apr 2023 2:20



Tgt Ion:139 Resp: 27369
Ion Ratio Lower Upper
139 100
109 40.4 33.4 50.2
65 64.9 49.8 74.6





#27
2,4-Dimethylphenol
Concen: 50.512 ng
RT: 10.359 min Scan# 1162
Delta R.T. -0.005 min
Lab File: BG057209.D
Acq: 28 Apr 2023 2:20

Instrument :

BNA_G

ClientSampleId :

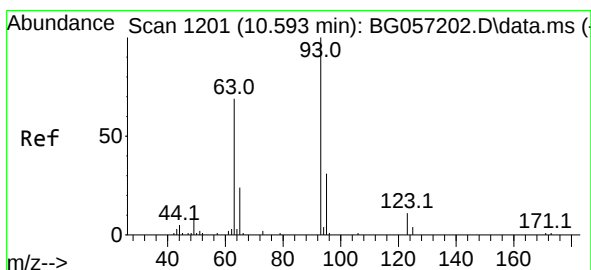
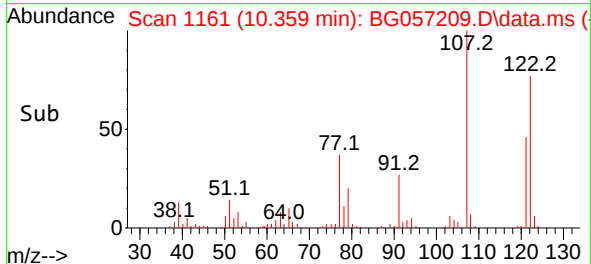
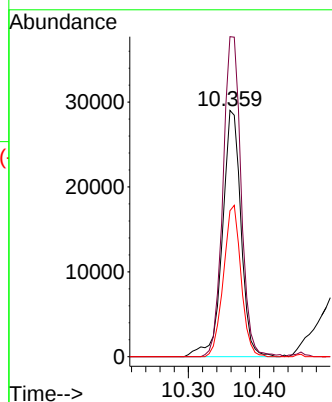
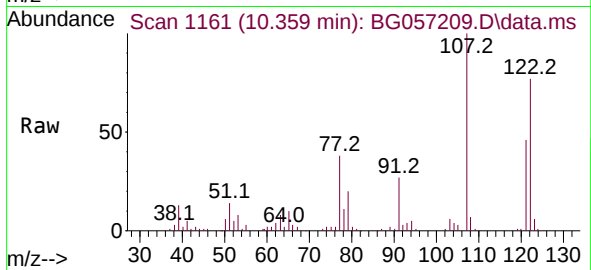
PB152441BS

Tgt Ion:122 Resp: 5239
Ion Ratio Lower Upper
122 100
107 130.0 103.0 154.4
121 59.3 45.9 68.9

Manual Integrations

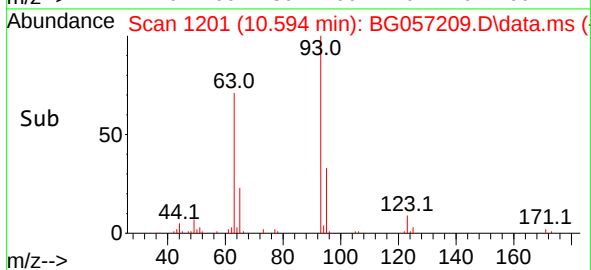
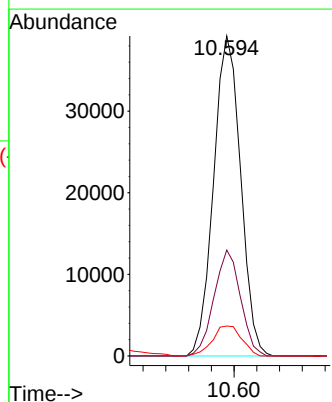
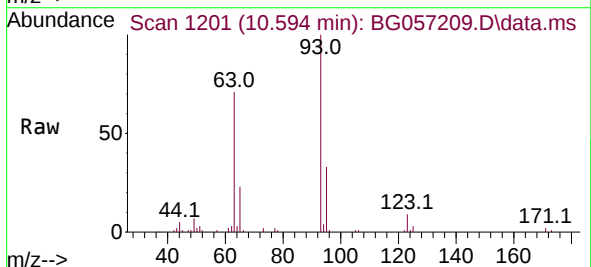
APPROVED

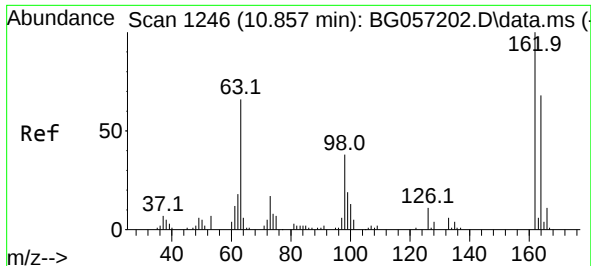
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#28
bis(2-Chloroethoxy)methane
Concen: 43.438 ng
RT: 10.594 min Scan# 1201
Delta R.T. 0.001 min
Lab File: BG057209.D
Acq: 28 Apr 2023 2:20

Tgt Ion: 93 Resp: 64701
Ion Ratio Lower Upper
93 100
95 33.1 25.0 37.6
123 9.3 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 50.205 ng

RT: 10.858 min Scan# 1246

Delta R.T. 0.001 min

Lab File: BG057209.D

Acq: 28 Apr 2023 2:20

Instrument :

BNA_G

ClientSampleId :

PB152441BS

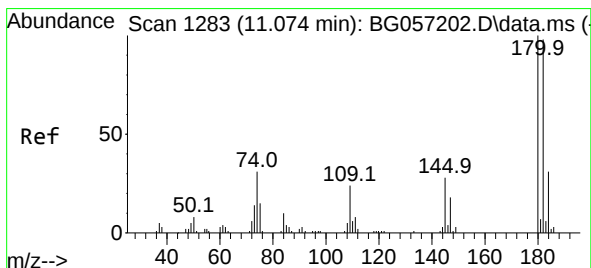
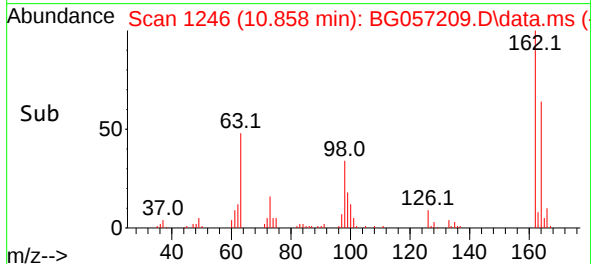
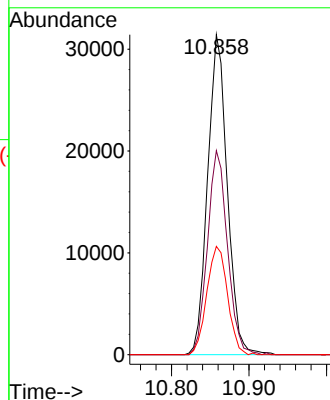
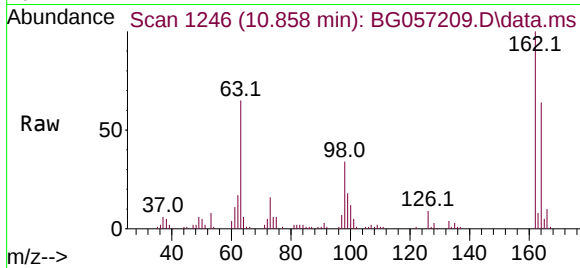
Tgt Ion:162	Resp:	55234
Ion Ratio	Lower	Upper
162	100	
164	63.7	48.4 88.4
98	33.9	17.6 57.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/28/2023

Supervised By :Jagrut Upadhyay 04/28/2023



#30

1,2,4-Trichlorobenzene

Concen: 45.396 ng

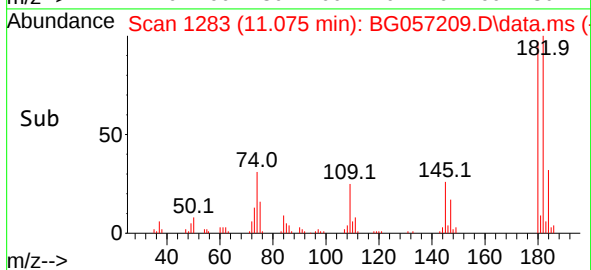
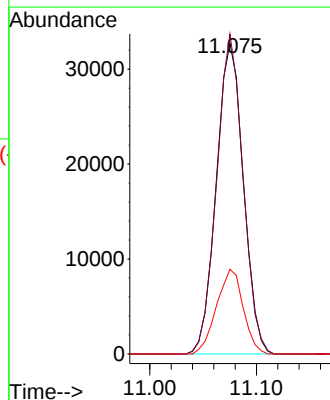
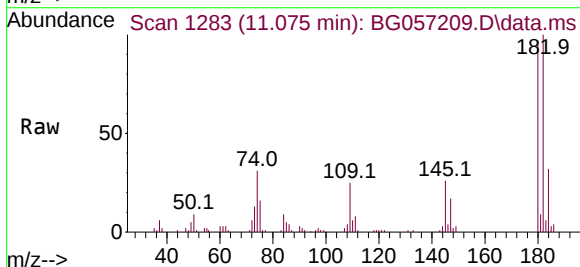
RT: 11.075 min Scan# 1283

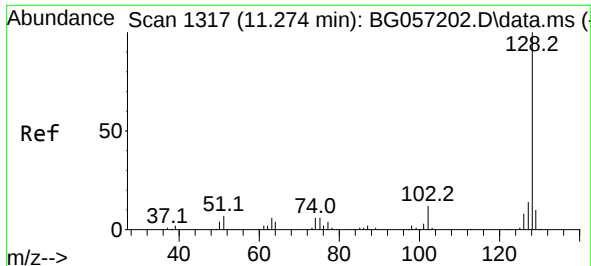
Delta R.T. 0.001 min

Lab File: BG057209.D

Acq: 28 Apr 2023 2:20

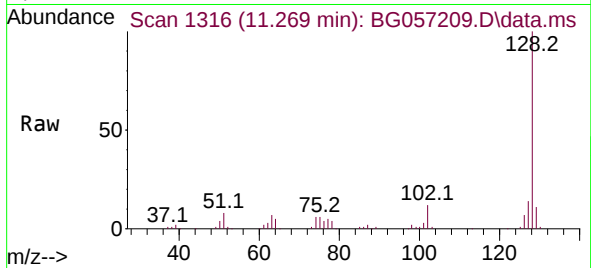
Tgt Ion:180	Resp:	57605
Ion Ratio	Lower	Upper
180	100	
182	103.1	78.0 117.0
145	27.3	22.4 33.6





#31
Naphthalene
Concen: 44.194 ng
RT: 11.269 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG057209.D
Acq: 28 Apr 2023 2:20

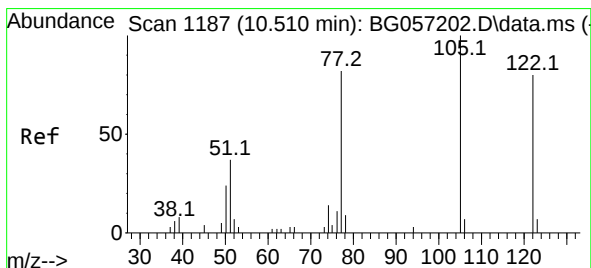
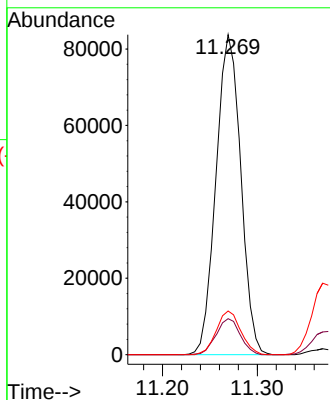
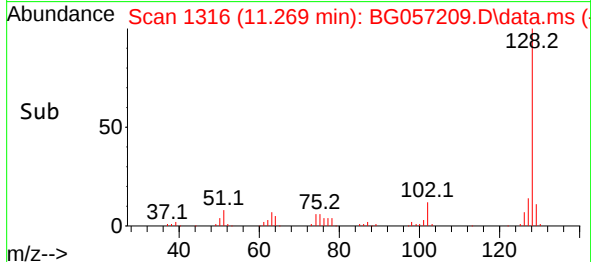
Instrument :
BNA_G
ClientSampleId :
PB152441BS



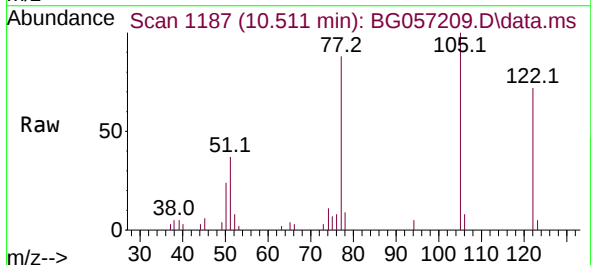
Tgt Ion:128 Resp: 152040
Ion Ratio Lower Upper
128 100
129 11.2 8.3 12.5
127 13.6 11.1 16.7

Manual Integrations
APPROVED

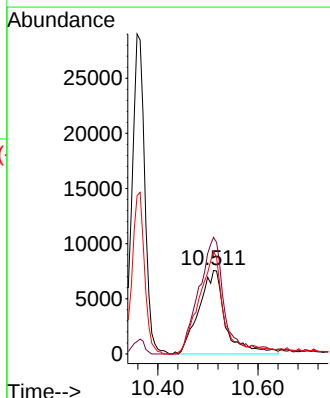
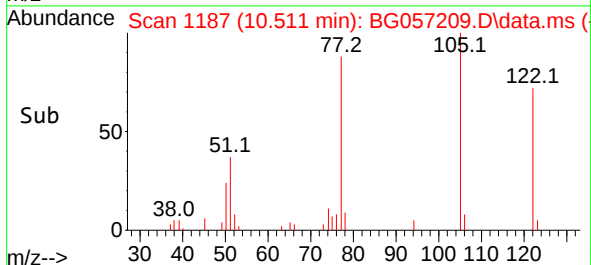
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

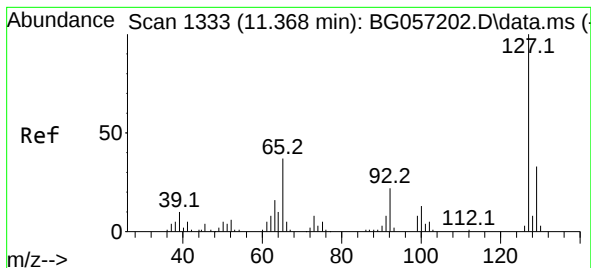


#32
Benzoic acid
Concen: 46.862 ng m
RT: 10.511 min Scan# 1187
Delta R.T. 0.001 min
Lab File: BG057209.D
Acq: 28 Apr 2023 2:20



Tgt Ion:122 Resp: 27956
Ion Ratio Lower Upper
122 100
105 139.5 105.2 145.2
77 122.9 83.1 123.1





#33
4-Chloroaniline
Concen: 25.830 ng
RT: 11.369 min Scan# 1133
Delta R.T. 0.001 min
Lab File: BG057209.D
Acq: 28 Apr 2023 2:20

Instrument :

BNA_G

ClientSampleId :

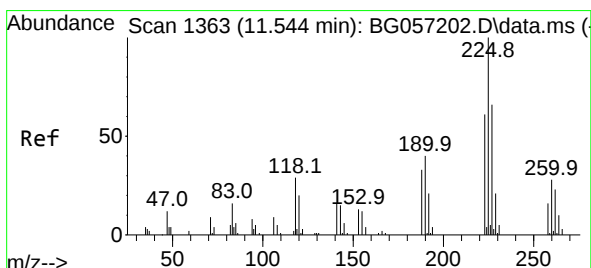
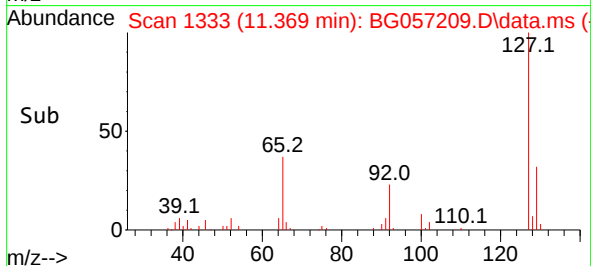
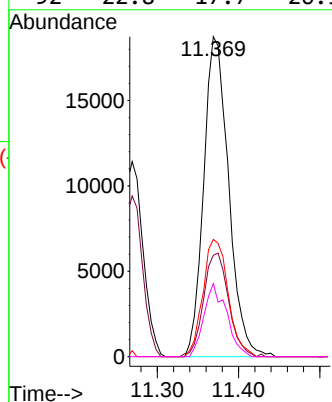
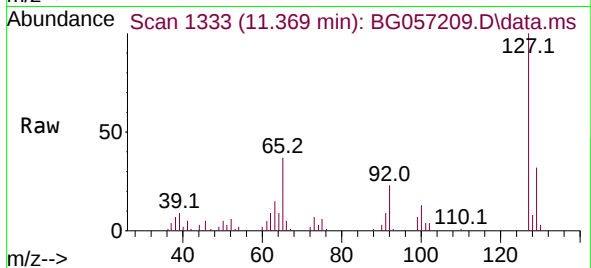
PB152441BS

Tgt Ion:127 Resp: 39908
Ion Ratio Lower Upper
127 100
129 31.7 26.7 40.1
65 36.7 29.7 44.5
92 22.8 17.7 26.5

Manual Integrations

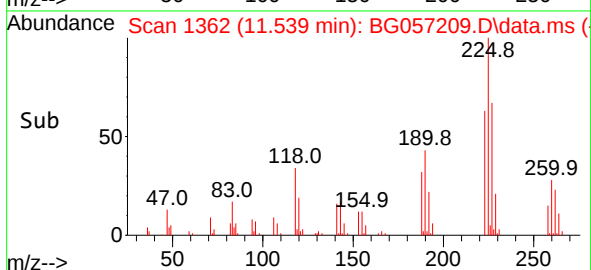
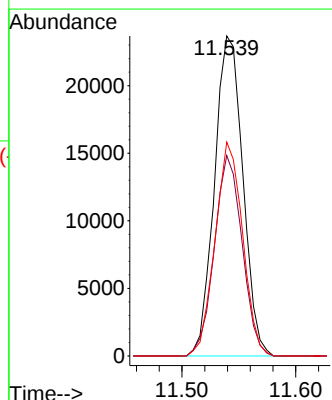
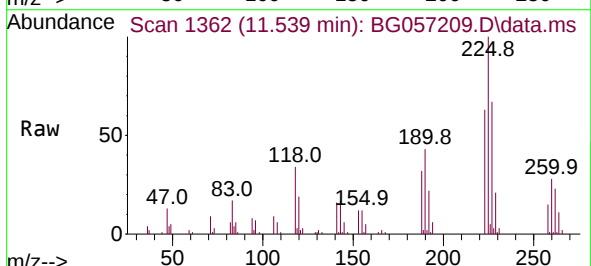
APPROVED

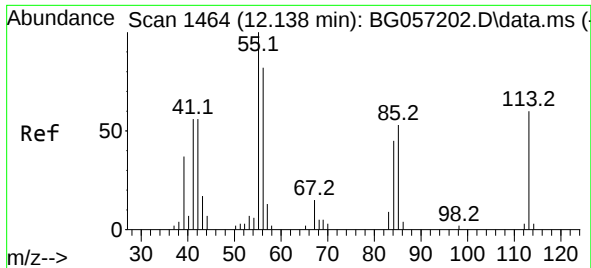
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#34
Hexachlorobutadiene
Concen: 43.585 ng
RT: 11.539 min Scan# 1362
Delta R.T. -0.005 min
Lab File: BG057209.D
Acq: 28 Apr 2023 2:20

Tgt Ion:225 Resp: 41038
Ion Ratio Lower Upper
225 100
223 62.7 48.6 72.8
227 66.8 52.7 79.1





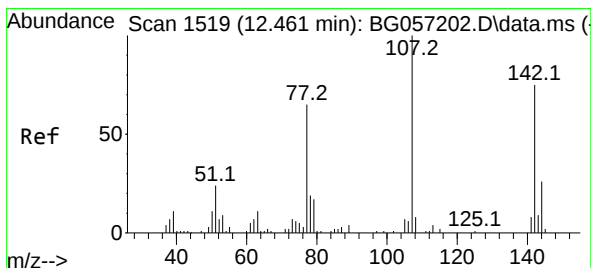
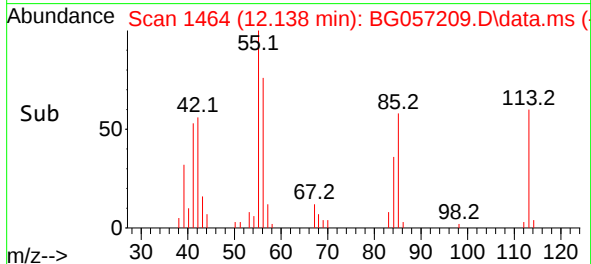
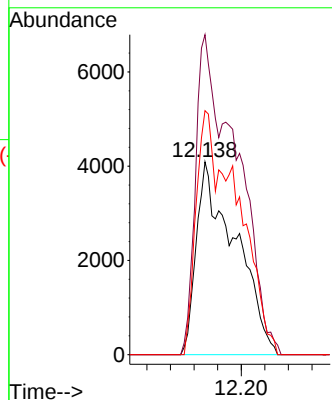
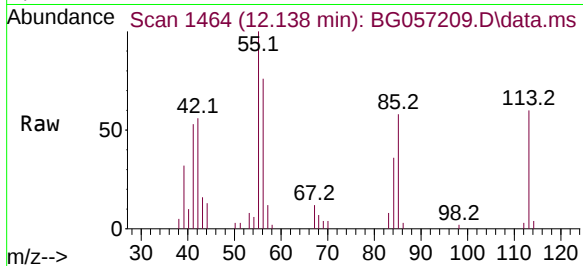
#35
Caprolactam
Concen: 49.856 ng m
RT: 12.138 min Scan# 1464
Delta R.T. 0.001 min
Lab File: BG057209.D
Acq: 28 Apr 2023 2:20

Instrument :
BNA_G
ClientSampleId :
PB152441BS

Tgt Ion:113 Resp: 18730
Ion Ratio Lower Upper
113 100
55 165.9 145.5 185.5
56 126.5 115.9 155.9

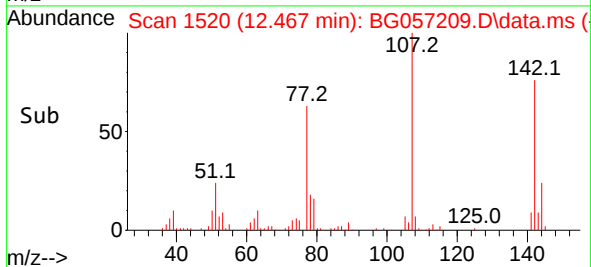
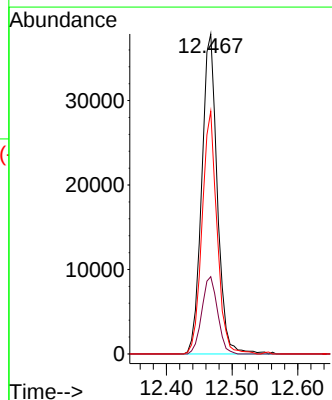
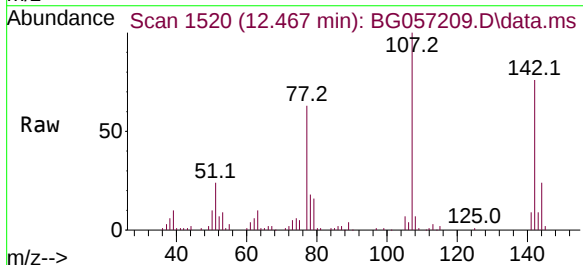
Manual Integrations
APPROVED

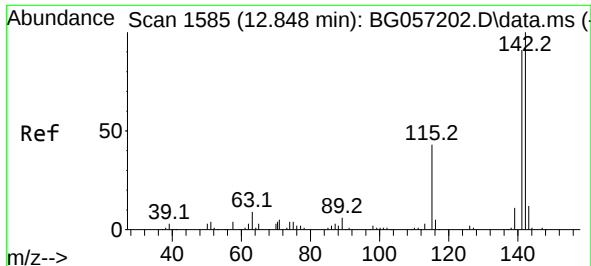
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#36
4-Chloro-3-methylphenol
Concen: 49.990 ng
RT: 12.467 min Scan# 1520
Delta R.T. 0.007 min
Lab File: BG057209.D
Acq: 28 Apr 2023 2:20

Tgt Ion:107 Resp: 62500
Ion Ratio Lower Upper
107 100
144 24.1 21.0 31.6
142 75.9 60.0 90.0





#37
2-Methylnaphthalene
Concen: 42.480 ng
RT: 12.849 min Scan# 11490
Delta R.T. 0.001 min
Lab File: BG057209.D
Acq: 28 Apr 2023 2:20

Instrument :

BNA_G

ClientSampleId :

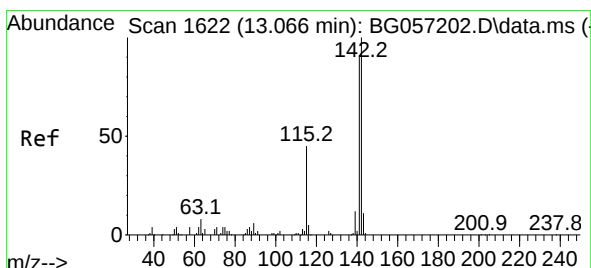
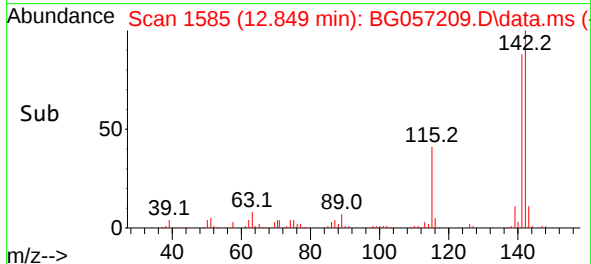
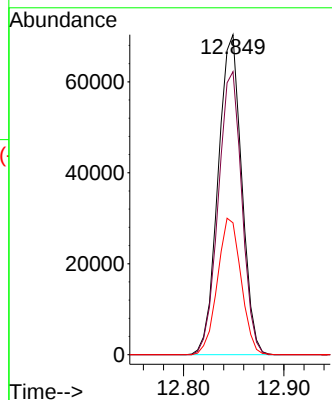
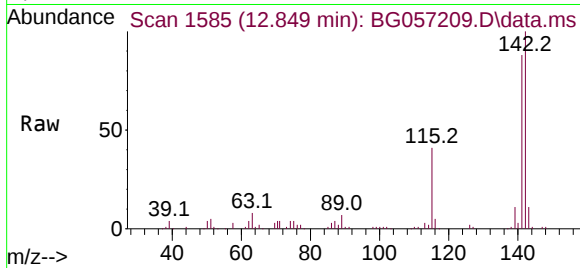
PB152441BS

Tgt Ion:142 Resp: 11490
Ion Ratio Lower Upper
142 100
141 88.4 73.1 109.7
115 41.2 34.6 52.0

Manual Integrations

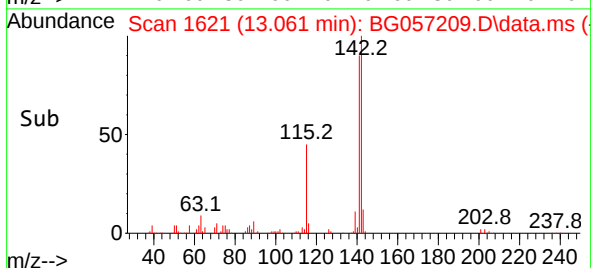
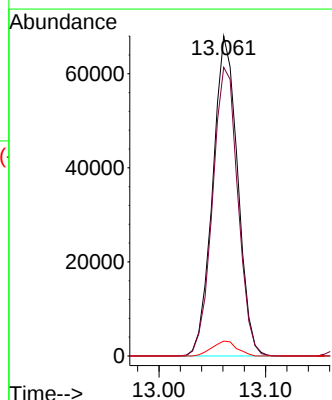
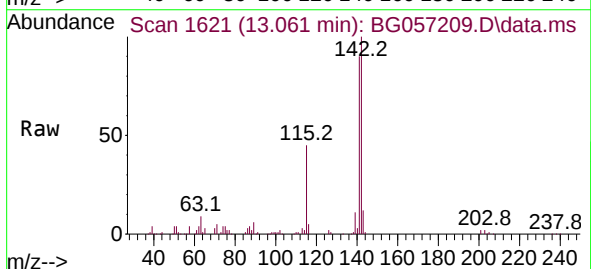
APPROVED

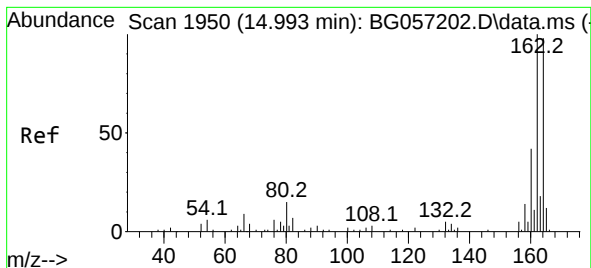
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#38
1-Methylnaphthalene
Concen: 43.205 ng
RT: 13.061 min Scan# 1621
Delta R.T. -0.005 min
Lab File: BG057209.D
Acq: 28 Apr 2023 2:20

Tgt Ion:142 Resp: 110156
Ion Ratio Lower Upper
142 100
141 90.2 72.5 108.7
116 4.7 3.7 5.5





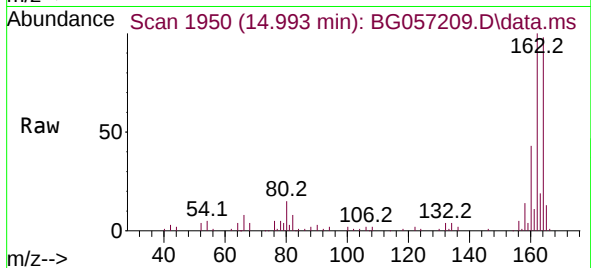
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.993 min Scan# 1950
Delta R.T. 0.001 min
Lab File: BG057209.D
Acq: 28 Apr 2023 2:20

Instrument :

BNA_G

ClientSampleId :

PB152441BS

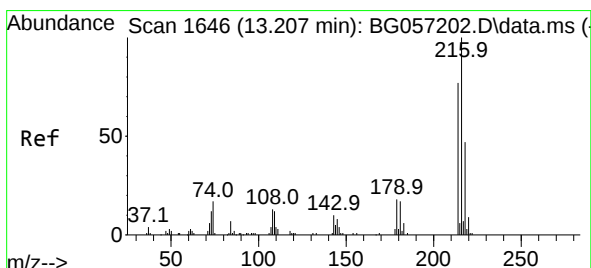
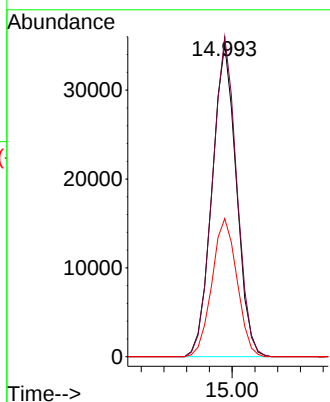
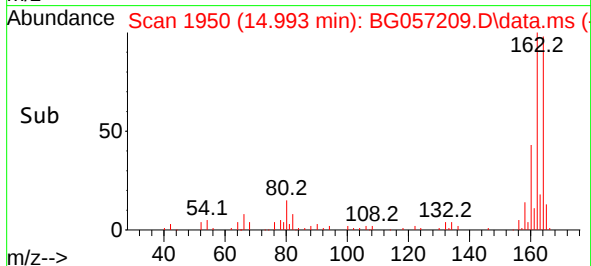


Tgt Ion:164 Resp: 52174
Ion Ratio Lower Upper
164 100
162 102.5 81.8 122.6
160 44.2 34.6 52.0

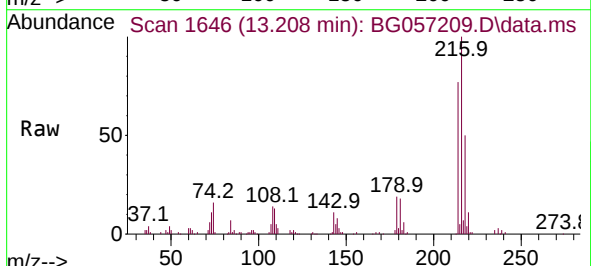
Manual Integrations

APPROVED

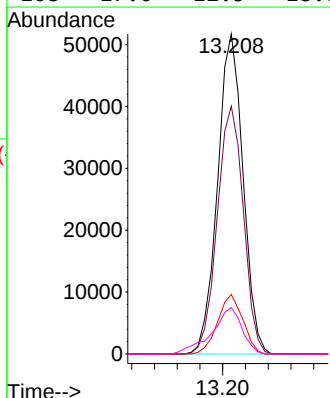
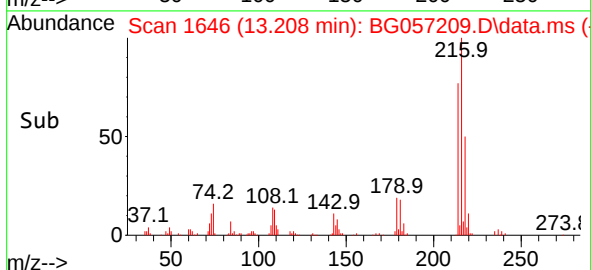
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

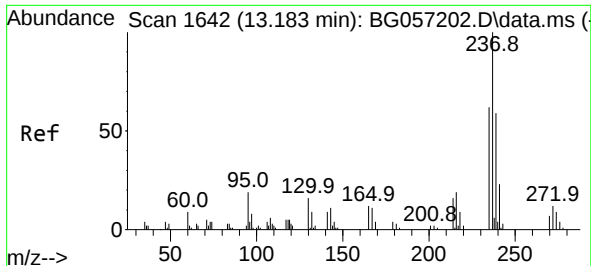


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.475 ng
RT: 13.208 min Scan# 1646
Delta R.T. 0.001 min
Lab File: BG057209.D
Acq: 28 Apr 2023 2:20



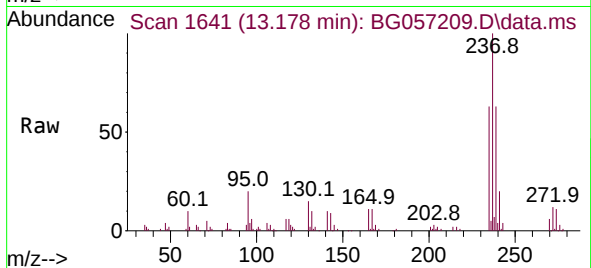
Tgt Ion:216 Resp: 80525
Ion Ratio Lower Upper
216 100
214 79.1 63.7 95.5
179 18.3 14.6 22.0
108 17.0 12.5 18.7





#41
Hexachlorocyclopentadiene
Concen: 100.630 ng
RT: 13.178 min Scan# 1641
Delta R.T. -0.005 min
Lab File: BG057209.D
Acq: 28 Apr 2023 2:20

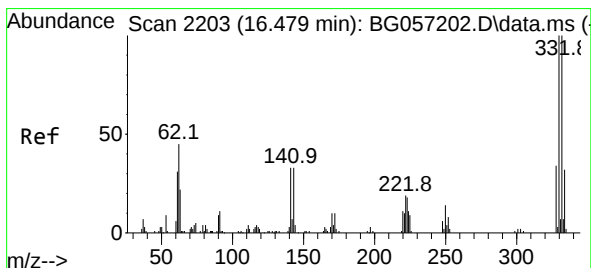
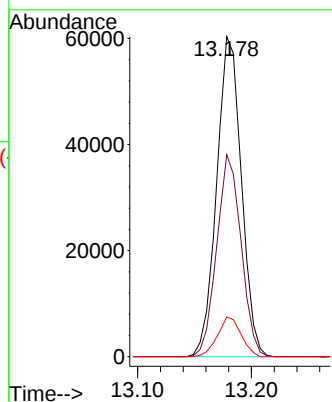
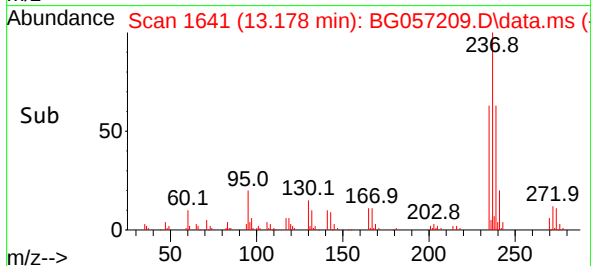
Instrument :
BNA_G
ClientSampleId :
PB152441BS



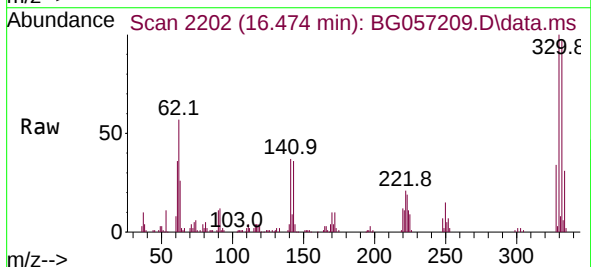
Tgt Ion:237 Resp: 91160
Ion Ratio Lower Upper
237 100
235 63.2 42.0 82.0
272 12.4 0.0 31.5

Manual Integrations
APPROVED

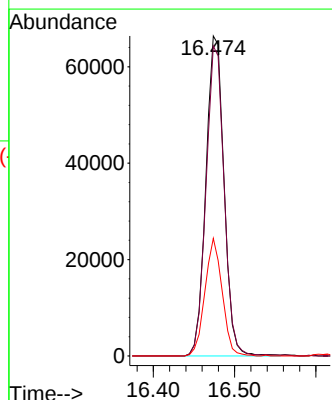
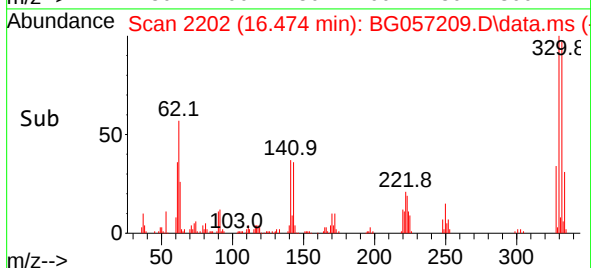
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

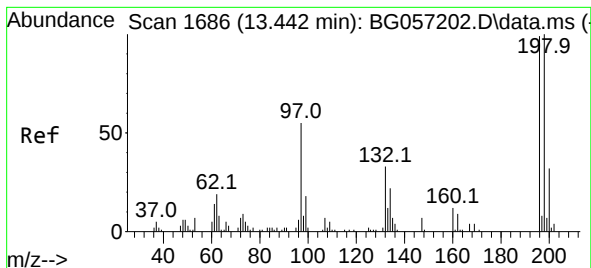


#42
2,4,6-Tribromophenol
Concen: 138.773 ng
RT: 16.474 min Scan# 2202
Delta R.T. -0.005 min
Lab File: BG057209.D
Acq: 28 Apr 2023 2:20



Tgt Ion:330 Resp: 102733
Ion Ratio Lower Upper
330 100
332 96.9 78.2 117.2
141 34.9 27.8 41.8





#43
2,4,6-Trichlorophenol
Concen: 47.363 ng
RT: 13.443 min Scan# 1686
Delta R.T. 0.001 min
Lab File: BG057209.D
Acq: 28 Apr 2023 2:20

Instrument :

BNA_G

ClientSampleId :

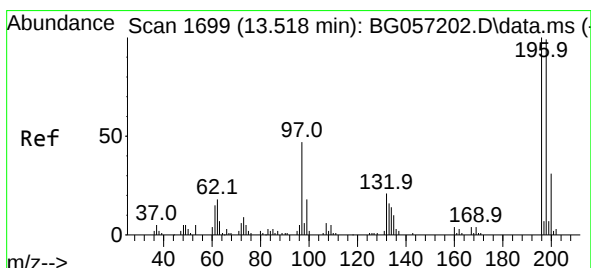
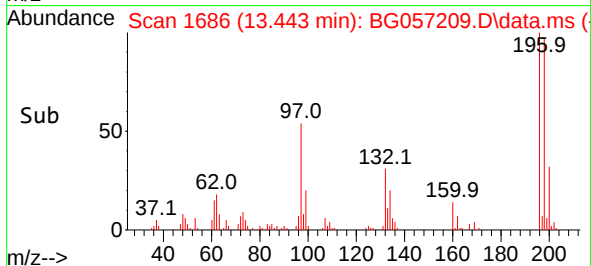
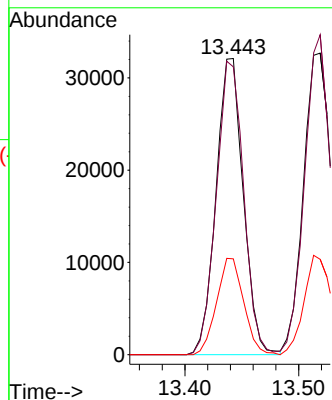
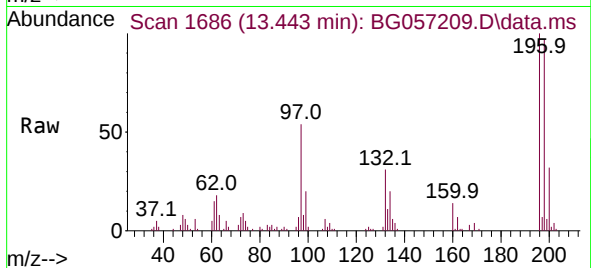
PB152441BS

Tgt Ion:196 Resp: 53440
Ion Ratio Lower Upper
196 100
198 97.2 81.2 121.8
200 32.3 26.3 39.5

Manual Integrations

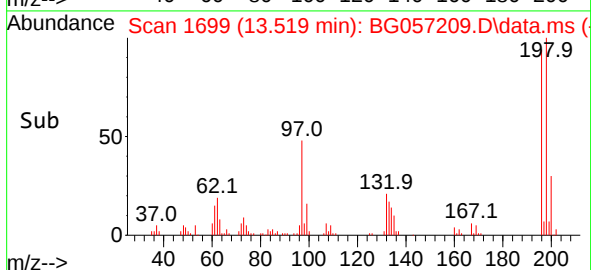
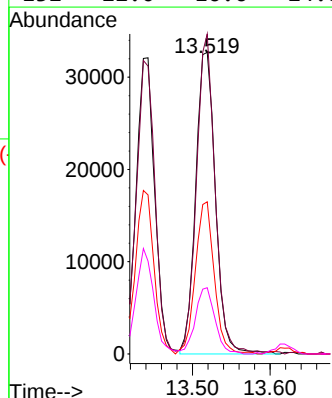
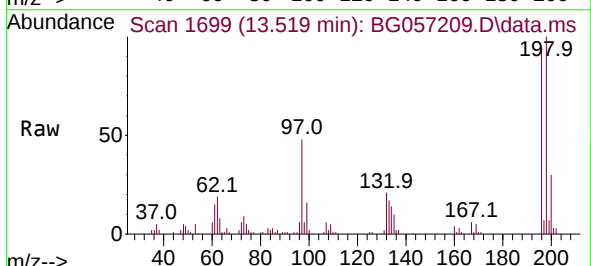
APPROVED

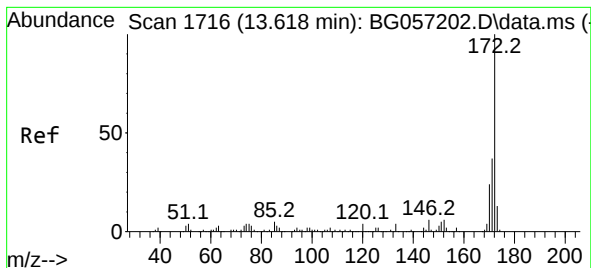
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#44
2,4,5-Trichlorophenol
Concen: 43.615 ng
RT: 13.519 min Scan# 1699
Delta R.T. 0.001 min
Lab File: BG057209.D
Acq: 28 Apr 2023 2:20

Tgt Ion:196 Resp: 57893
Ion Ratio Lower Upper
196 100
198 106.1 79.4 119.2
97 50.4 37.0 55.4
132 22.0 16.6 24.8





#45

2-Fluorobiphenyl

Concen: 85.894 ng

RT: 13.619 min Scan# 1716

Delta R.T. 0.001 min

Lab File: BG057209.D

Acq: 28 Apr 2023 2:20

Instrument :

BNA_G

ClientSampleId :

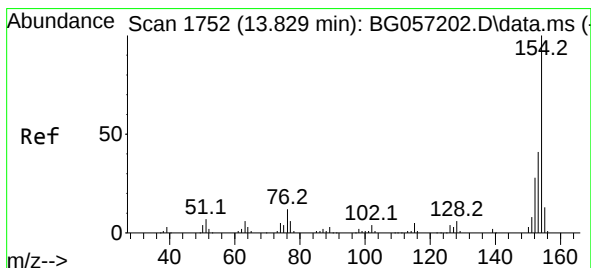
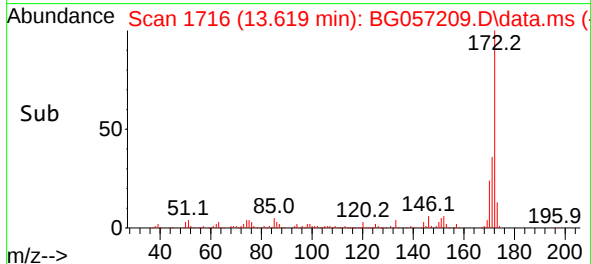
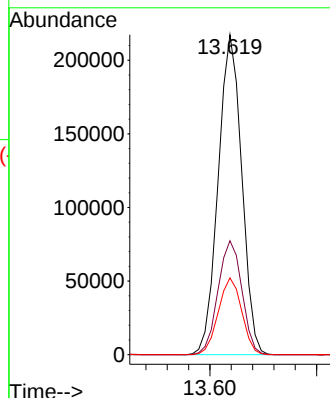
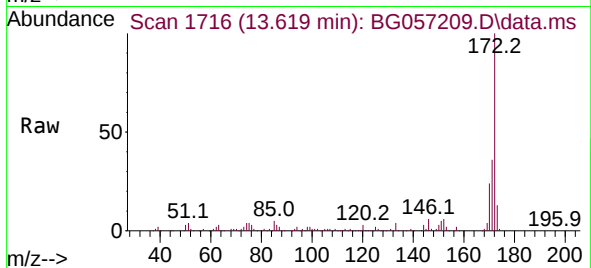
PB152441BS

Tgt Ion:172 Resp: 332740
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.4 44.0
 170 24.0 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/28/2023
 Supervised By :Jagrut Upadhyay 04/28/2023



#46

1,1'-Biphenyl

Concen: 44.136 ng

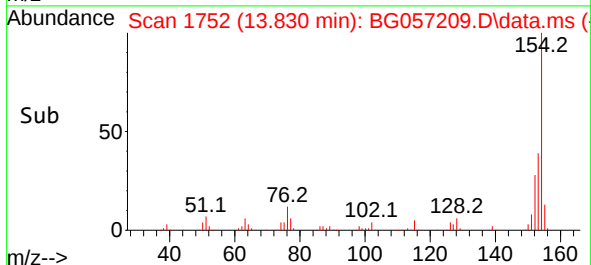
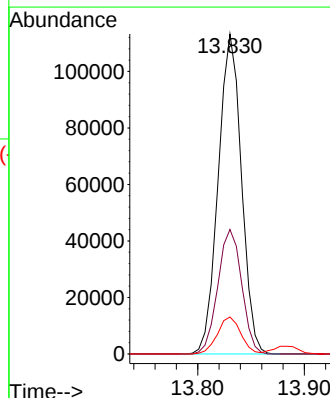
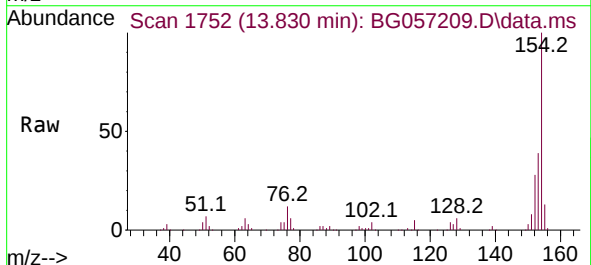
RT: 13.830 min Scan# 1752

Delta R.T. 0.001 min

Lab File: BG057209.D

Acq: 28 Apr 2023 2:20

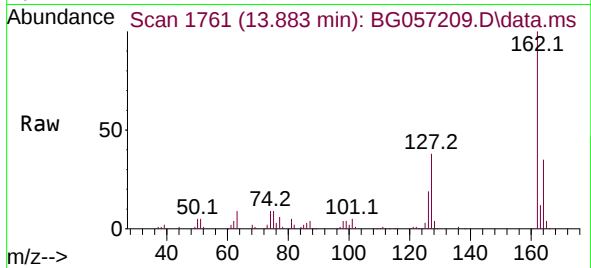
Tgt Ion:154 Resp: 170871
 Ion Ratio Lower Upper
 154 100
 153 38.9 20.9 60.9
 76 11.5 0.0 31.7





#47
2-Chloronaphthalene
Concen: 46.069 ng
RT: 13.883 min Scan# 1761
Delta R.T. 0.001 min
Lab File: BG057209.D
Acq: 28 Apr 2023 2:20

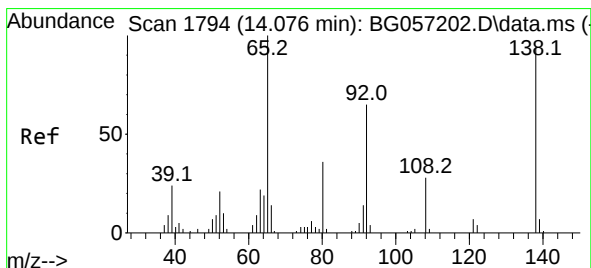
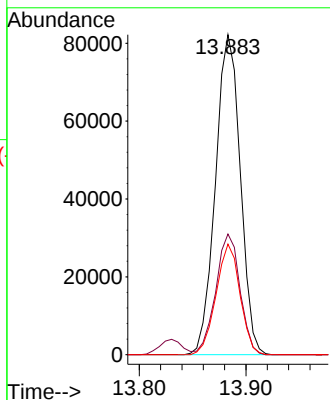
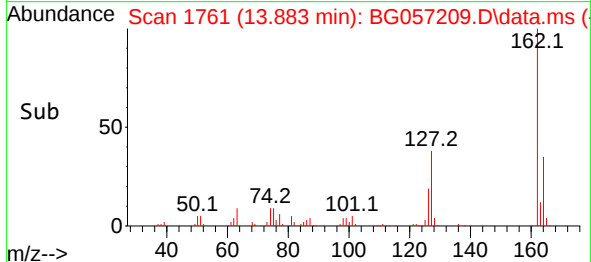
Instrument :
BNA_G
ClientSampleId :
PB152441BS



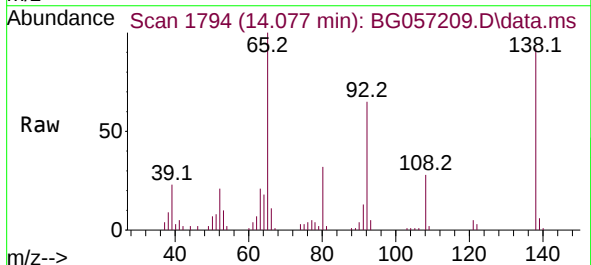
Tgt Ion:162 Resp: 132629
Ion Ratio Lower Upper
162 100
127 37.7 29.8 44.6
164 34.5 26.6 40.0

Manual Integrations
APPROVED

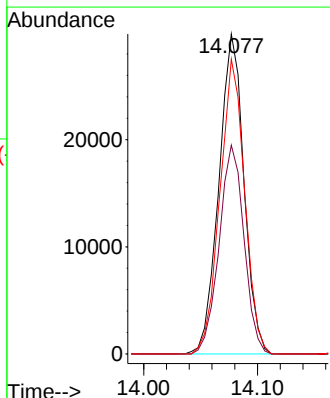
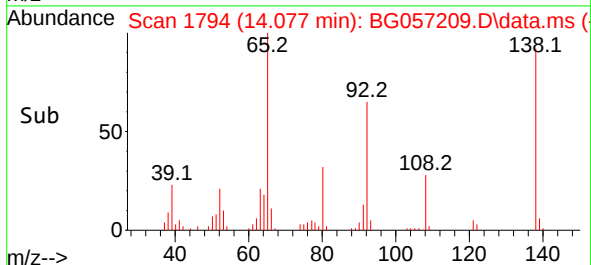
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

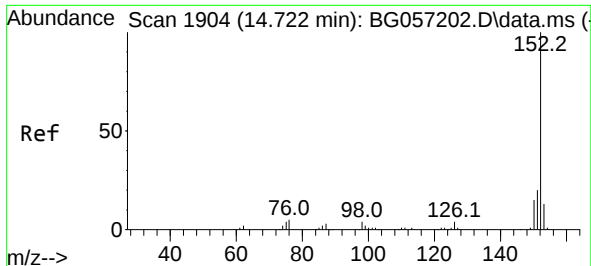


#48
2-Nitroaniline
Concen: 46.610 ng
RT: 14.077 min Scan# 1794
Delta R.T. 0.001 min
Lab File: BG057209.D
Acq: 28 Apr 2023 2:20



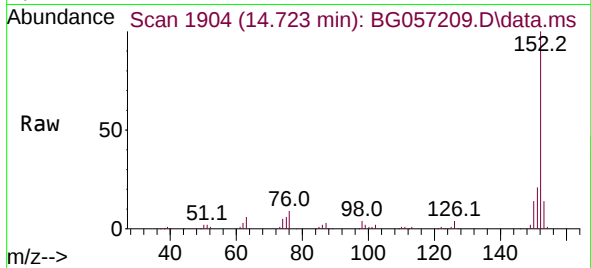
Tgt Ion: 65 Resp: 45626
Ion Ratio Lower Upper
65 100
92 65.2 52.1 78.1
138 92.1 75.3 112.9





#49
Acenaphthylene
Concen: 44.222 ng
RT: 14.723 min Scan# 1904
Delta R.T. 0.001 min
Lab File: BG057209.D
Acq: 28 Apr 2023 2:20

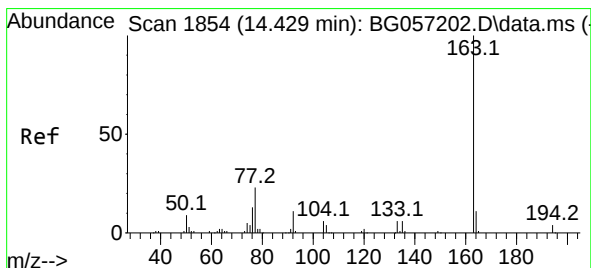
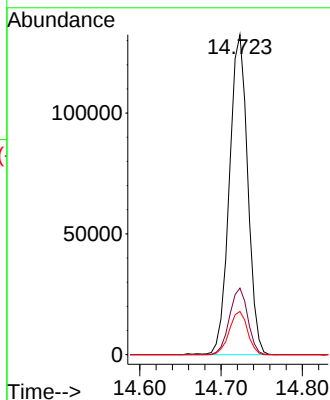
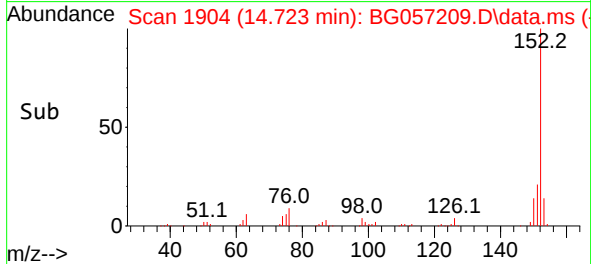
Instrument :
BNA_G
ClientSampleId :
PB152441BS



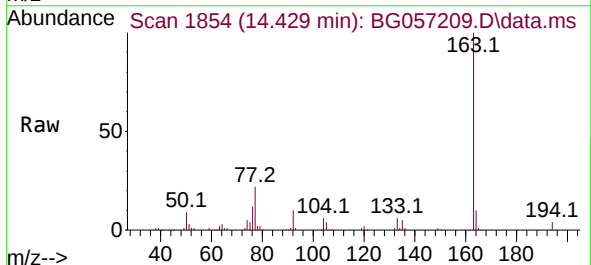
Tgt Ion:152 Resp: 20683
Ion Ratio Lower Upper
152 100
151 20.8 16.0 24.0
153 13.5 10.7 16.1

Manual Integrations
APPROVED

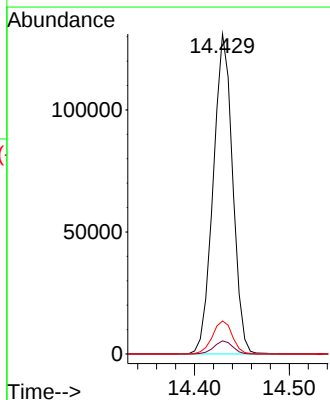
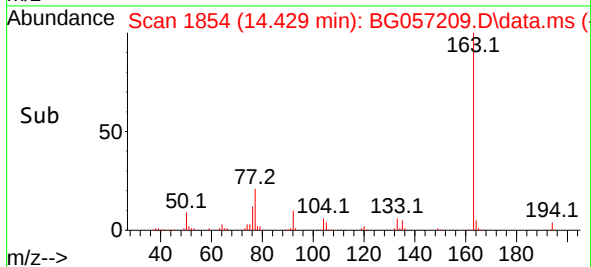
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

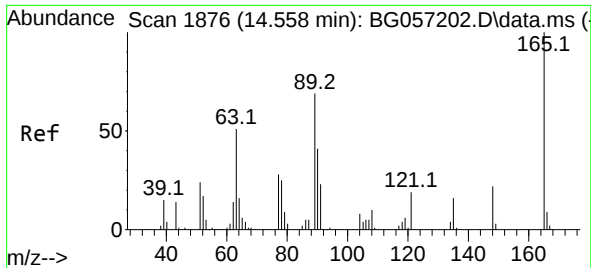


#50
Dimethylphthalate
Concen: 43.494 ng
RT: 14.429 min Scan# 1854
Delta R.T. 0.001 min
Lab File: BG057209.D
Acq: 28 Apr 2023 2:20



Tgt Ion:163 Resp: 186476
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.2
164 10.3 8.8 13.2





#51
2,6-Dinitrotoluene
Concen: 45.873 ng
RT: 14.559 min Scan# 1876
Delta R.T. 0.001 min
Lab File: BG057209.D
Acq: 28 Apr 2023 2:20

Instrument :

BNA_G

ClientSampleId :

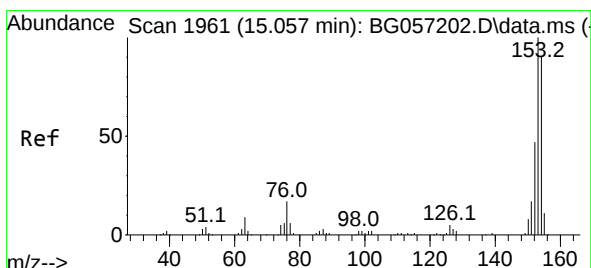
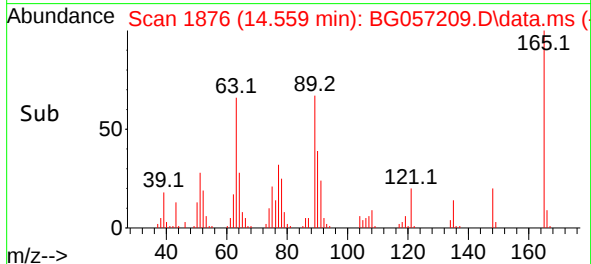
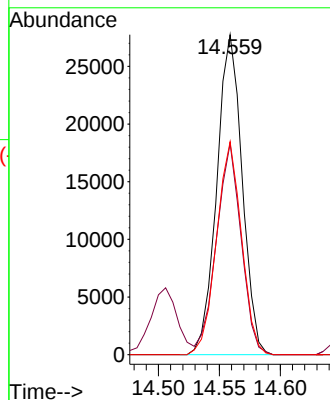
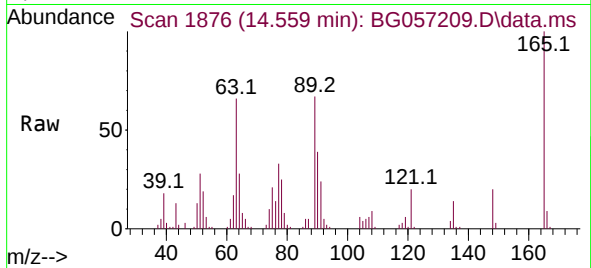
PB152441BS

Tgt Ion:165 Resp: 40150
Ion Ratio Lower Upper
165 100
63 66.0 50.9 76.3
89 66.6 55.2 82.8

Manual Integrations

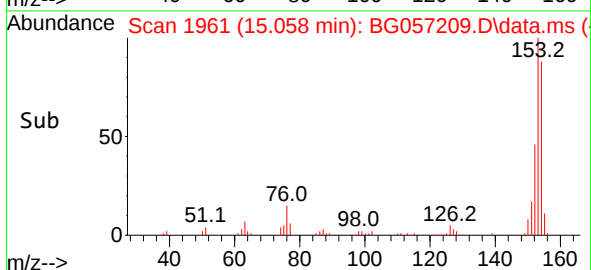
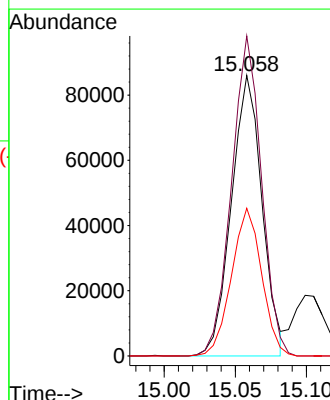
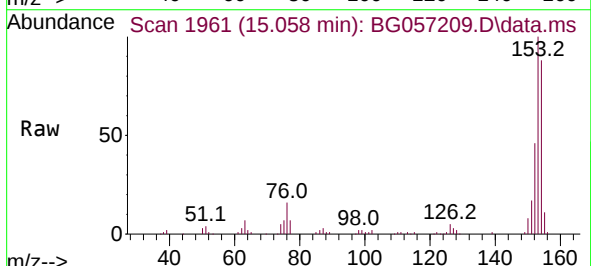
APPROVED

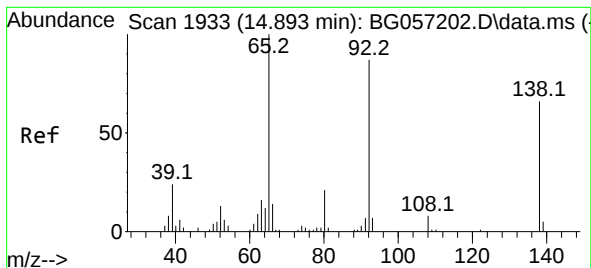
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#52
Acenaphthene
Concen: 44.130 ng
RT: 15.058 min Scan# 1961
Delta R.T. 0.001 min
Lab File: BG057209.D
Acq: 28 Apr 2023 2:20

Tgt Ion:154 Resp: 128977
Ion Ratio Lower Upper
154 100
153 114.1 89.3 133.9
152 52.7 41.7 62.5





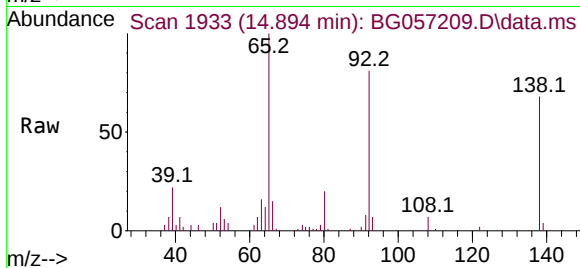
#53
3-Nitroaniline
Concen: 25.628 ng
RT: 14.894 min Scan# 1933
Delta R.T. 0.001 min
Lab File: BG057209.D
Acq: 28 Apr 2023 2:20

Instrument :

BNA_G

ClientSampleId :

PB152441BS

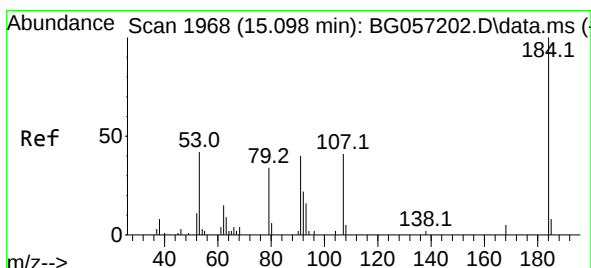
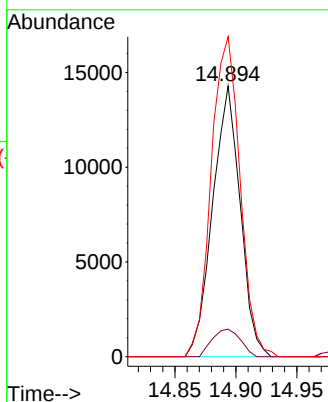
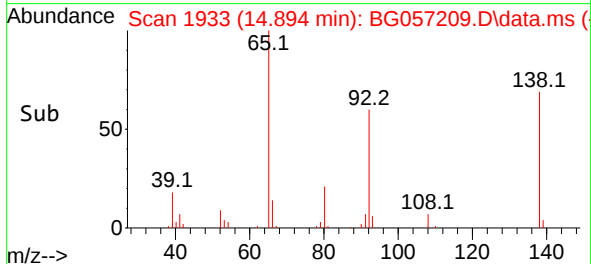


Tgt Ion:138 Resp: 22475
Ion Ratio Lower Upper
138 100
108 10.2 9.5 14.3
92 118.2 106.2 159.4

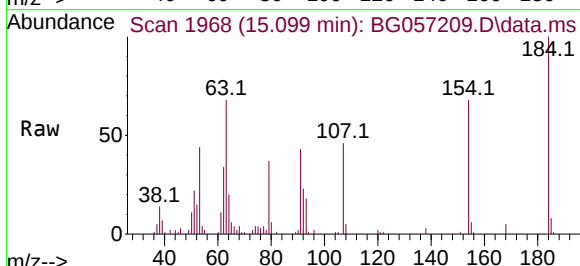
Manual Integrations

APPROVED

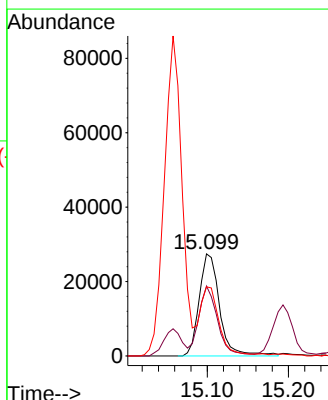
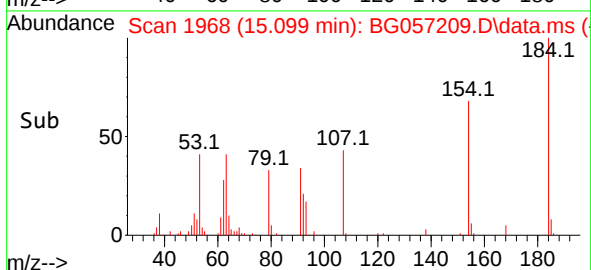
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

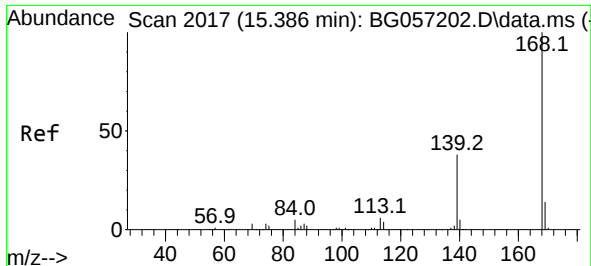


#54
2,4-Dinitrophenol
Concen: 88.040 ng
RT: 15.099 min Scan# 1968
Delta R.T. 0.001 min
Lab File: BG057209.D
Acq: 28 Apr 2023 2:20



Tgt Ion:184 Resp: 48013
Ion Ratio Lower Upper
184 100
63 68.5 48.2 72.4
154 67.7 55.4 83.2





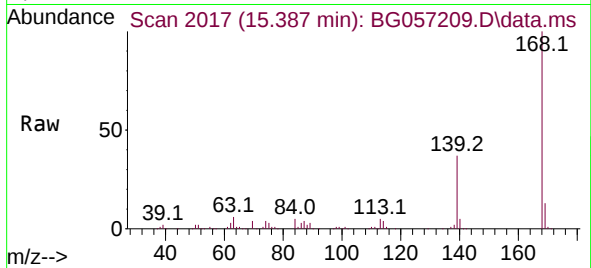
#55
Dibenzofuran
Concen: 43.976 ng
RT: 15.387 min Scan# 2017
Delta R.T. 0.001 min
Lab File: BG057209.D
Acq: 28 Apr 2023 2:20

Instrument :

BNA_G

ClientSampleId :

PB152441BS

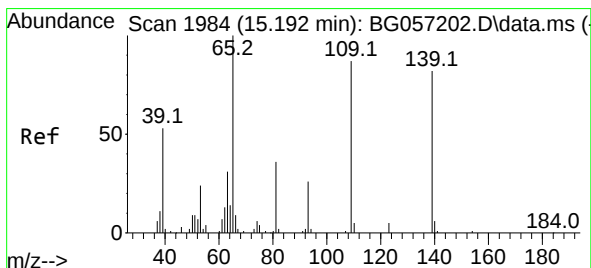
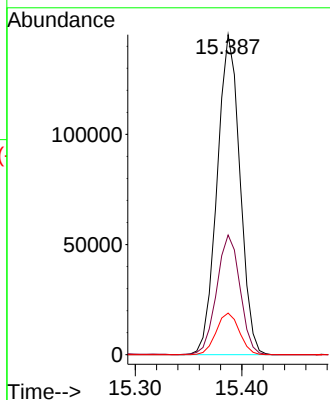
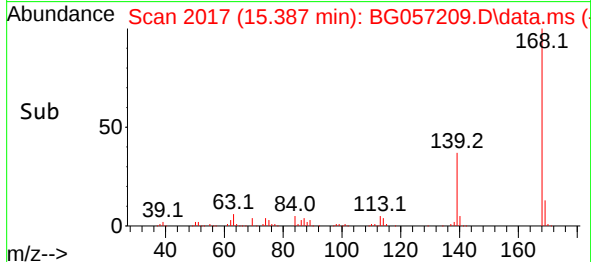


Tgt Ion:168 Resp: 21595
Ion Ratio Lower Upper
168 100
139 37.4 30.7 46.1
169 13.0 10.9 16.3

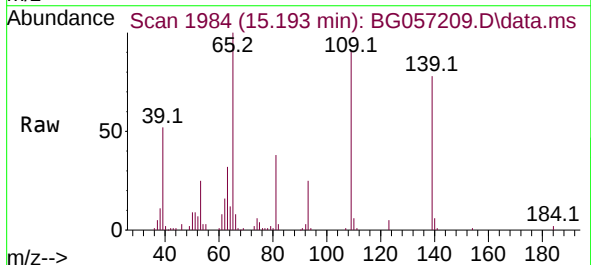
Manual Integrations

APPROVED

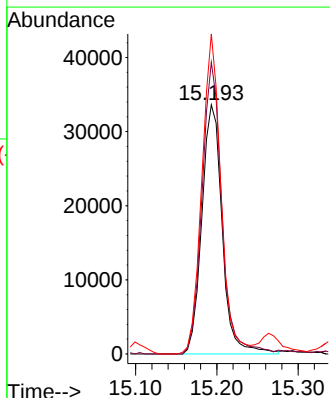
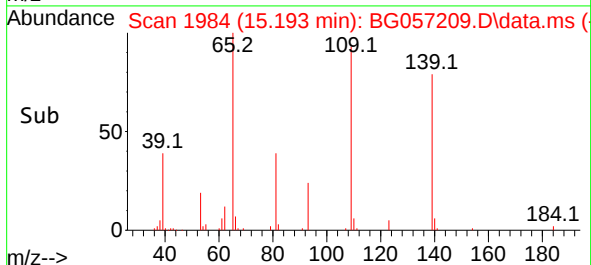
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

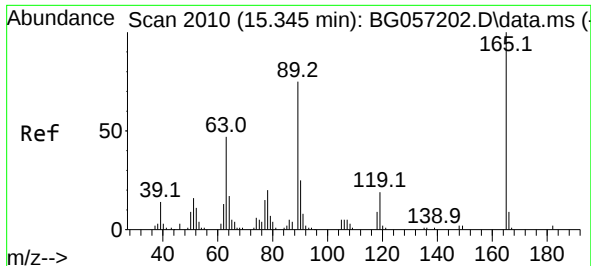


#56
4-Nitrophenol
Concen: 100.327 ng
RT: 15.193 min Scan# 1984
Delta R.T. 0.001 min
Lab File: BG057209.D
Acq: 28 Apr 2023 2:20



Tgt Ion:139 Resp: 58518
Ion Ratio Lower Upper
139 100
109 117.1 86.6 126.6
65 128.4 102.6 142.6





#57
2,4-Dinitrotoluene
Concen: 45.659 ng
RT: 15.346 min Scan# 2010
Delta R.T. 0.001 min
Lab File: BG057209.D
Acq: 28 Apr 2023 2:20

Instrument :

BNA_G

ClientSampleId :

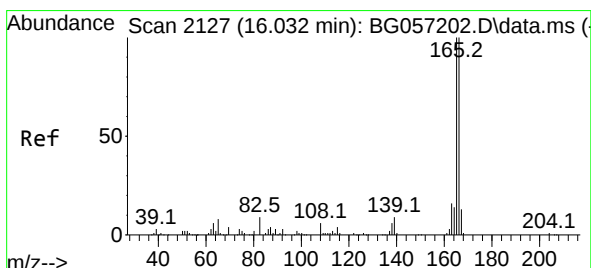
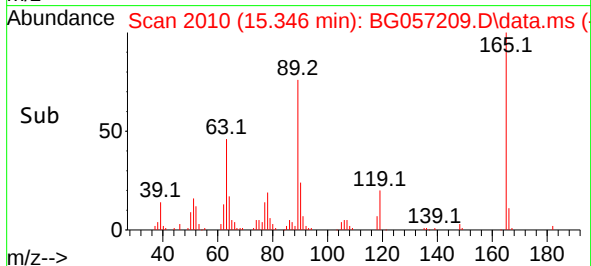
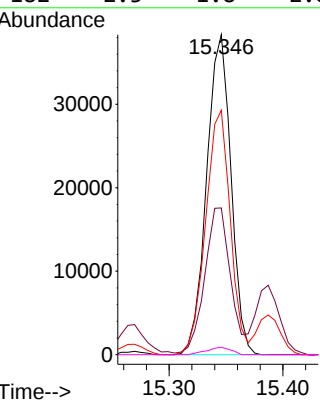
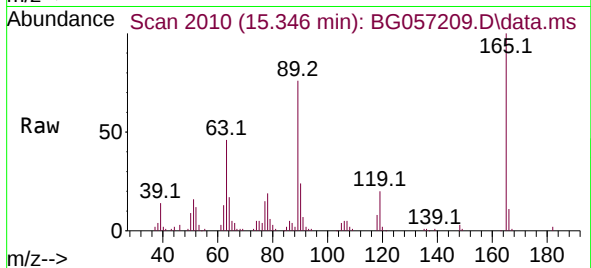
PB152441BS

Tgt Ion:165 Resp: 5712
Ion Ratio Lower Upper
165 100
63 45.8 37.5 56.3
89 76.4 60.2 90.4
182 2.3 1.8 2.8

Manual Integrations

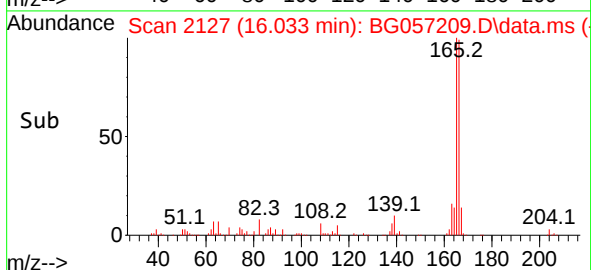
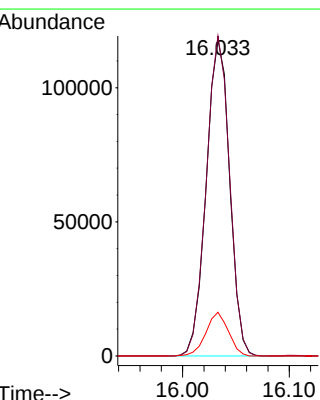
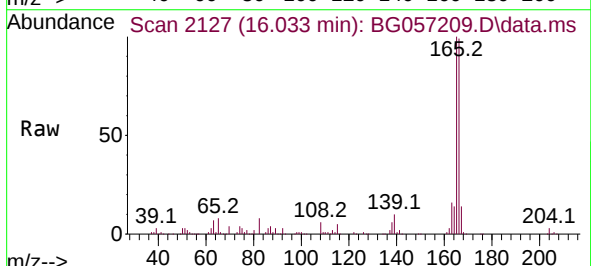
APPROVED

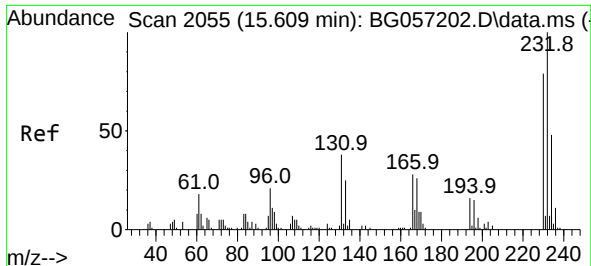
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#58
Fluorene
Concen: 44.337 ng
RT: 16.033 min Scan# 2127
Delta R.T. 0.001 min
Lab File: BG057209.D
Acq: 28 Apr 2023 2:20

Tgt Ion:166 Resp: 179337
Ion Ratio Lower Upper
166 100
165 101.2 80.1 120.1
167 13.8 10.2 15.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.480 ng
RT: 15.610 min Scan# 2055
Delta R.T. 0.001 min
Lab File: BG057209.D
Acq: 28 Apr 2023 2:20

Instrument :

BNA_G

ClientSampleId :

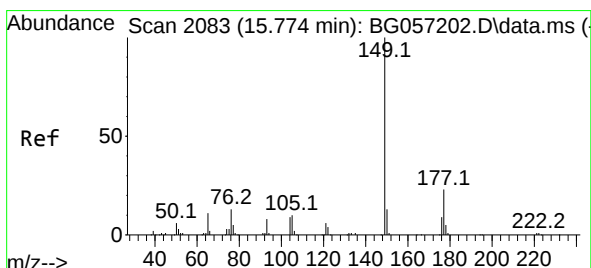
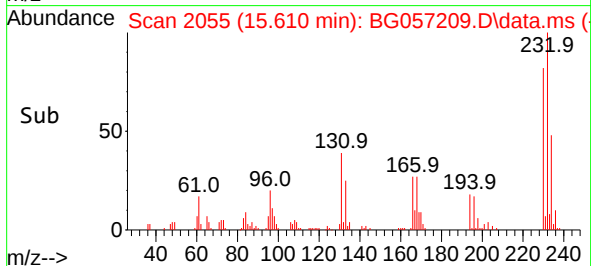
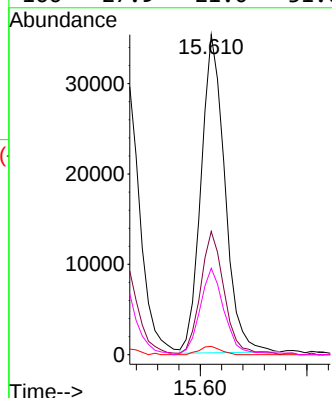
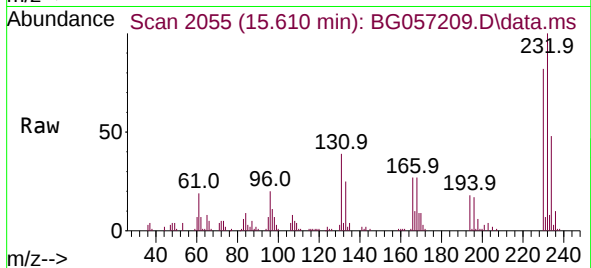
PB152441BS

Tgt Ion:232 Resp: 5473
Ion Ratio Lower Upper
232 100
131 38.6 28.6 42.8
130 2.3 1.6 2.4
166 27.9 21.0 31.6

Manual Integrations

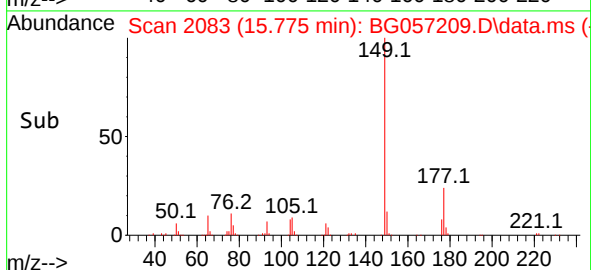
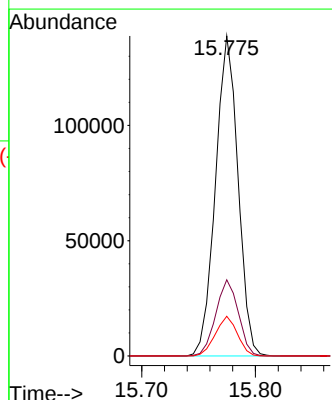
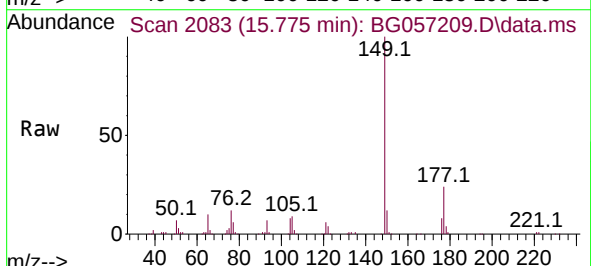
APPROVED

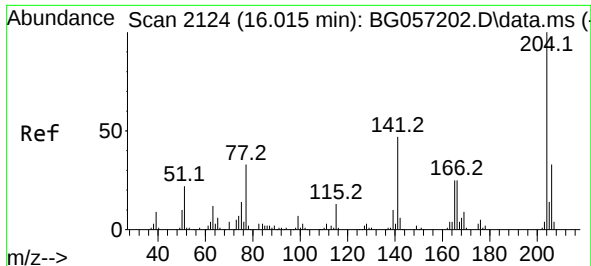
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#60
Diethylphthalate
Concen: 43.841 ng
RT: 15.775 min Scan# 2083
Delta R.T. 0.001 min
Lab File: BG057209.D
Acq: 28 Apr 2023 2:20

Tgt Ion:149 Resp: 190884
Ion Ratio Lower Upper
149 100
177 23.8 18.3 27.5
150 12.4 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 43.879 ng
RT: 16.010 min Scan# 2124
Delta R.T. -0.005 min
Lab File: BG057209.D
Acq: 28 Apr 2023 2:20

Instrument :

BNA_G

ClientSampleId :

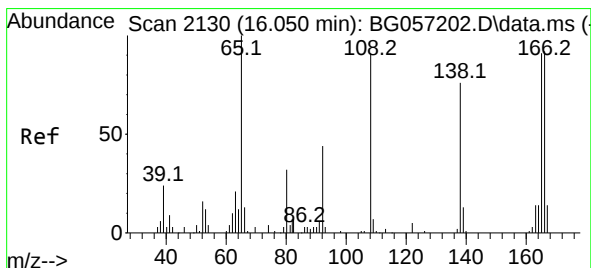
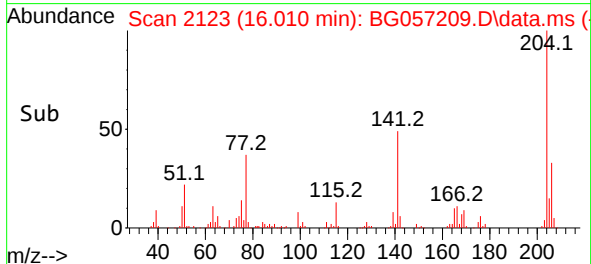
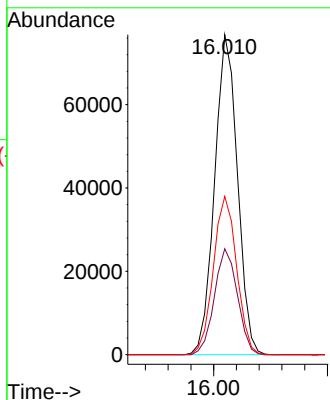
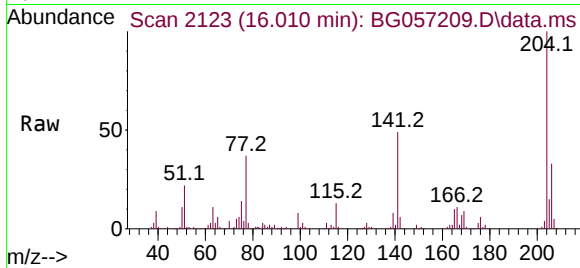
PB152441BS

Tgt Ion:204 Resp: 10692
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 49.5 37.4 56.0

Manual Integrations

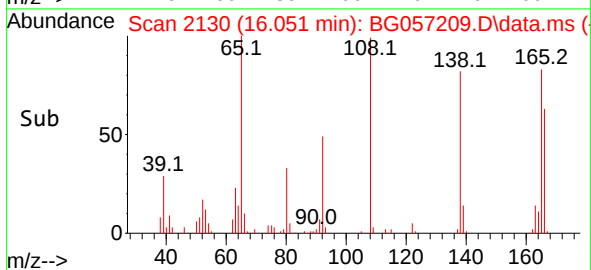
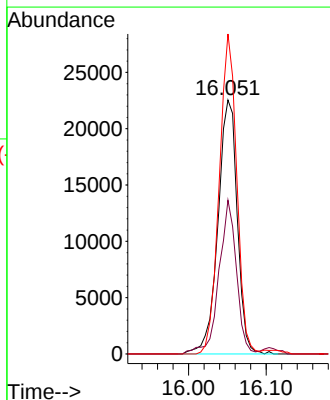
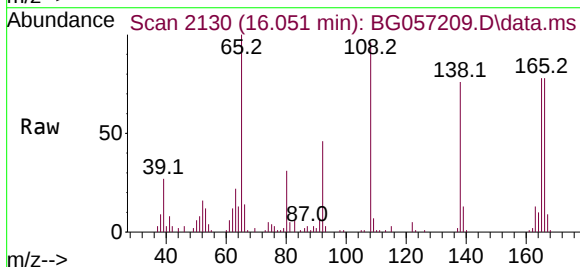
APPROVED

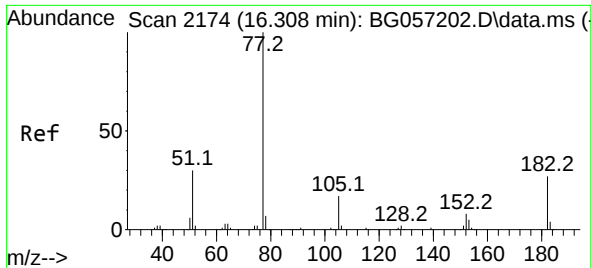
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#62
4-Nitroaniline
Concen: 44.150 ng
RT: 16.051 min Scan# 2130
Delta R.T. 0.001 min
Lab File: BG057209.D
Acq: 28 Apr 2023 2:20

Tgt Ion:138 Resp: 39060
Ion Ratio Lower Upper
138 100
92 60.5 38.2 78.2
108 126.0 99.6 139.6





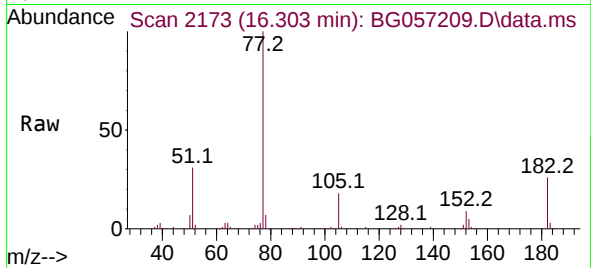
#63
Azobenzene
Concen: 43.890 ng
RT: 16.303 min Scan# 2173
Delta R.T. -0.005 min
Lab File: BG057209.D
Acq: 28 Apr 2023 2:20

Instrument :

BNA_G

ClientSampleId :

PB152441BS

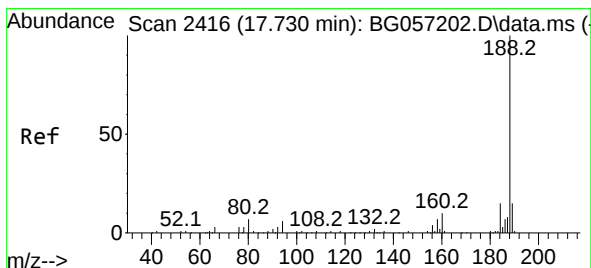
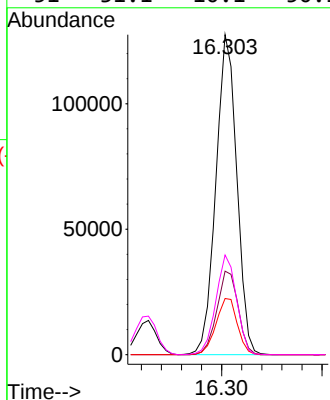
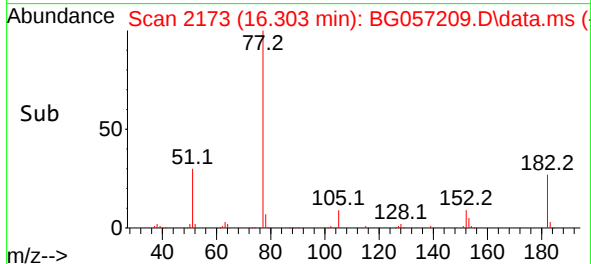


Tgt Ion: 77 Resp: 184384
Ion Ratio Lower Upper
77 100
182 26.1 7.4 47.4
105 17.6 0.0 37.2
51 31.1 10.1 50.1

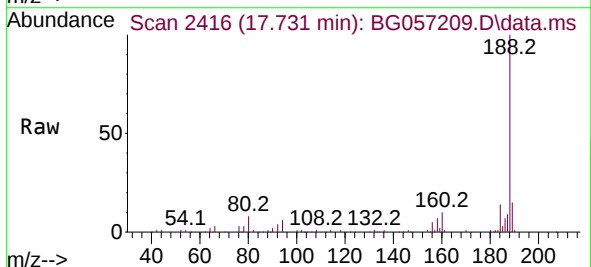
Manual Integrations

APPROVED

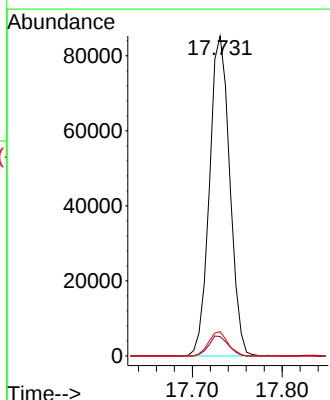
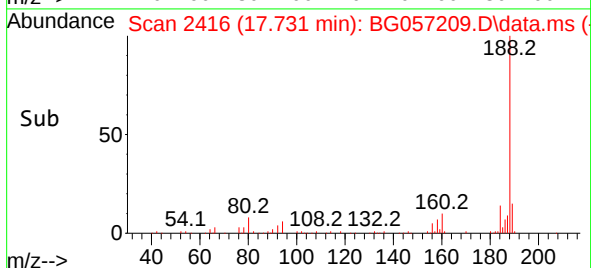
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

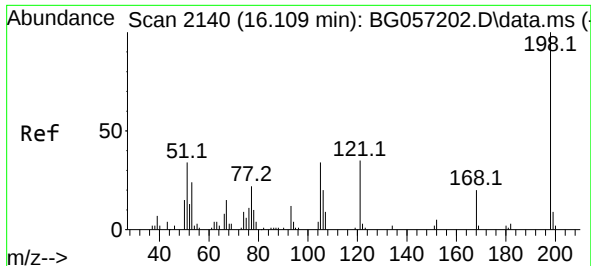


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.731 min Scan# 2416
Delta R.T. 0.001 min
Lab File: BG057209.D
Acq: 28 Apr 2023 2:20



Tgt Ion:188 Resp: 133553
Ion Ratio Lower Upper
188 100
94 6.0 5.1 7.7
80 7.6 5.7 8.5





#65
4,6-Dinitro-2-methylphenol
Concen: 48.783 ng
RT: 16.110 min Scan# 2140
Delta R.T. 0.001 min
Lab File: BG057209.D
Acq: 28 Apr 2023 2:20

Instrument :

BNA_G

ClientSampleId :

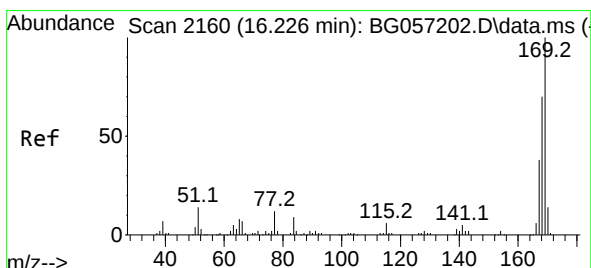
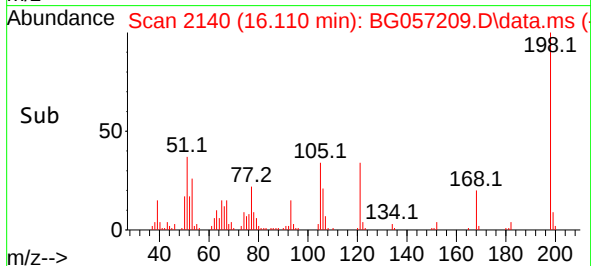
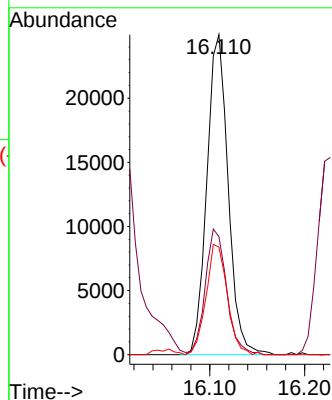
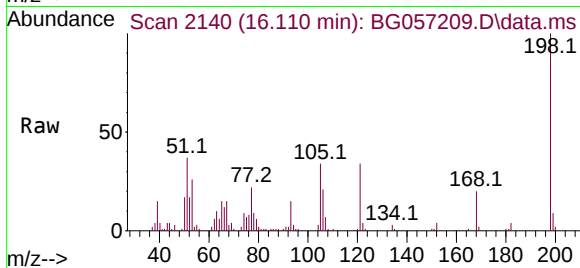
PB152441BS

Tgt Ion:198 Resp: 38898
Ion Ratio Lower Upper
198 100
51 36.9 16.1 56.1
105 33.6 14.0 54.0

Manual Integrations

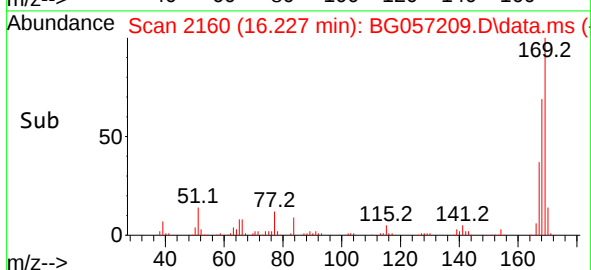
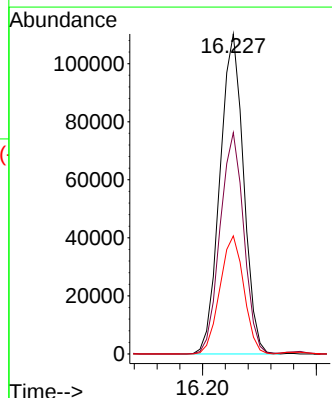
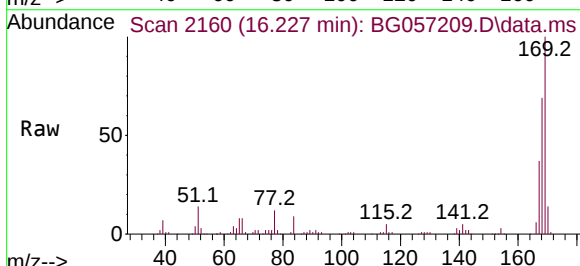
APPROVED

Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#66
n-Nitrosodiphenylamine
Concen: 43.897 ng
RT: 16.227 min Scan# 2160
Delta R.T. 0.001 min
Lab File: BG057209.D
Acq: 28 Apr 2023 2:20

Tgt Ion:169 Resp: 159228
Ion Ratio Lower Upper
169 100
168 69.2 56.2 84.4
167 36.9 30.2 45.4





#67
4-Bromophenyl-phenylether
Concen: 44.355 ng
RT: 16.908 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG057209.D
Acq: 28 Apr 2023 2:20

Instrument :

BNA_G

ClientSampleId :

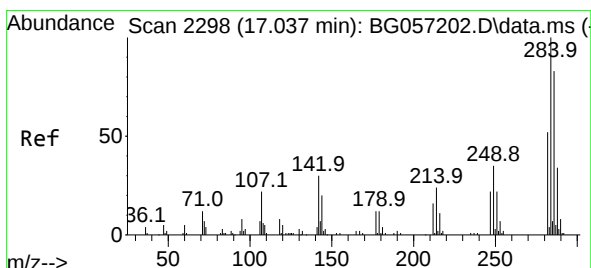
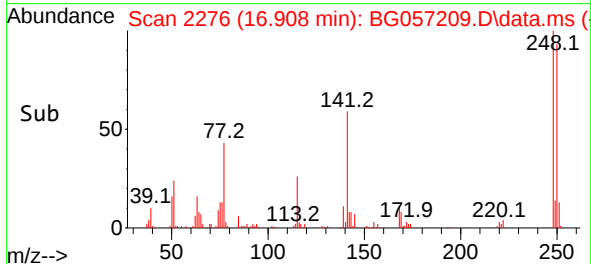
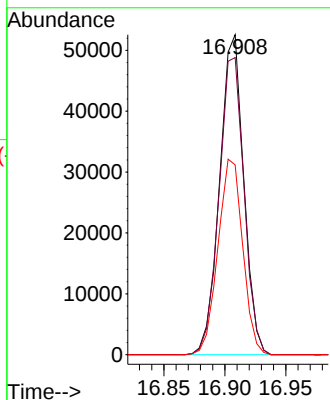
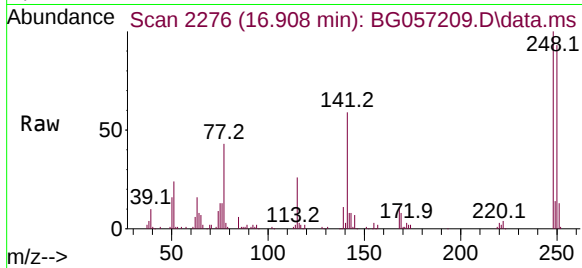
PB152441BS

Tgt Ion:248 Resp: 72314
Ion Ratio Lower Upper
248 100
250 92.8 77.0 115.6
141 59.3 48.6 72.8

Manual Integrations

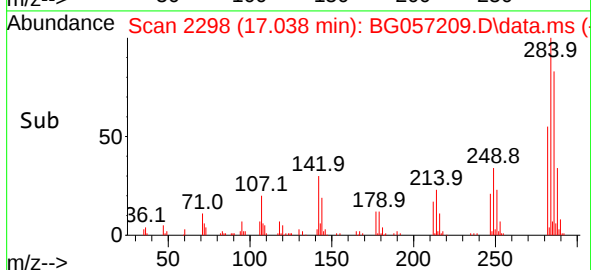
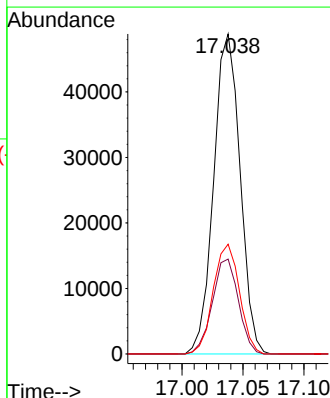
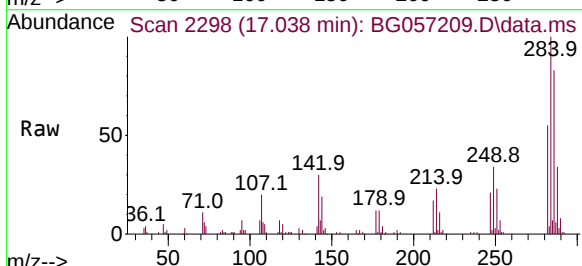
APPROVED

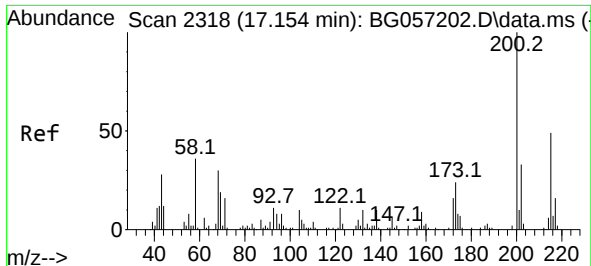
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#68
Hexachlorobenzene
Concen: 46.372 ng
RT: 17.038 min Scan# 2298
Delta R.T. 0.001 min
Lab File: BG057209.D
Acq: 28 Apr 2023 2:20

Tgt Ion:284 Resp: 73469
Ion Ratio Lower Upper
284 100
142 29.7 23.9 35.9
249 34.3 27.7 41.5





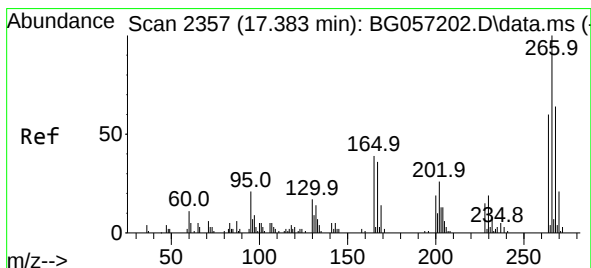
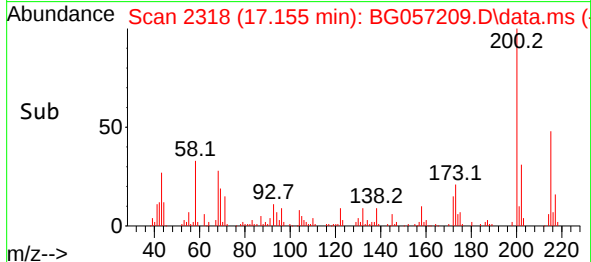
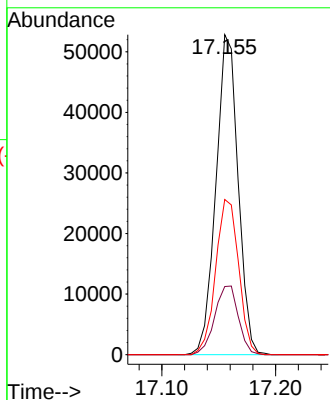
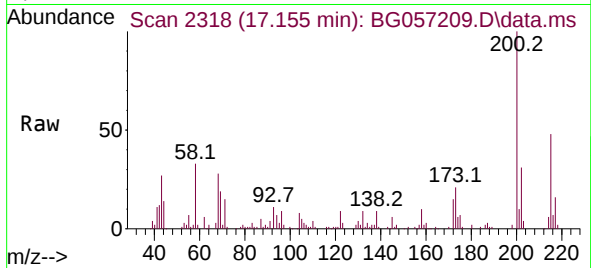
#69
 Atrazine
 Concen: 51.681 ng
 RT: 17.155 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG057209.D
 Acq: 28 Apr 2023 2:20

Instrument :
 BNA_G
 ClientSampleId :
 PB152441BS

Tgt Ion:200 Resp: 7151
 Ion Ratio Lower Upper
 200 100
 173 21.3 4.3 44.3
 215 48.5 29.3 69.3

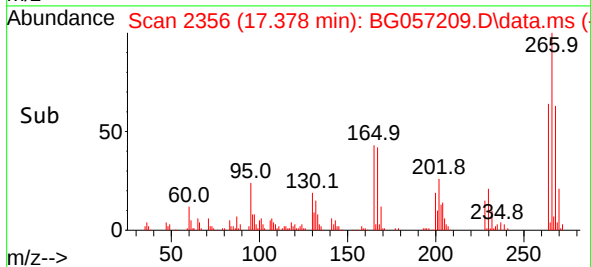
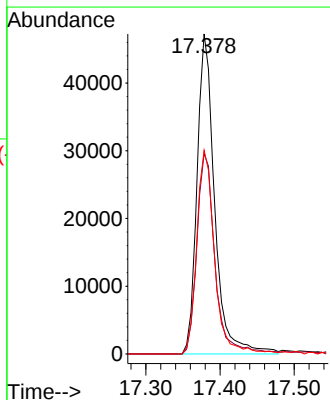
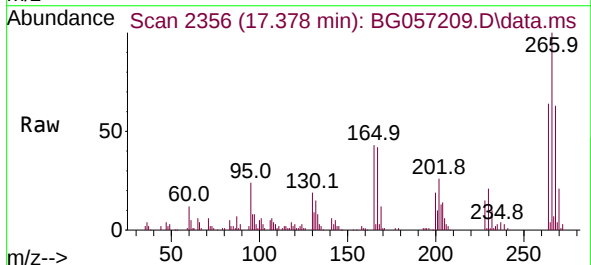
Manual Integrations
 APPROVED

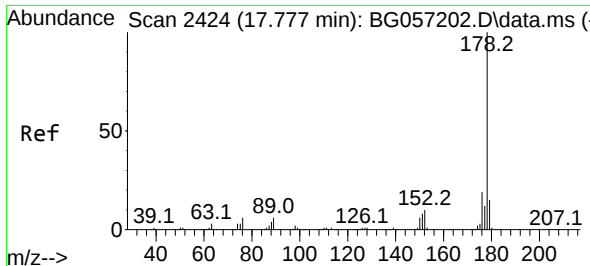
Reviewed By :Christian Giraldo 04/28/2023
 Supervised By :Jagrut Upadhyay 04/28/2023



#70
 Pentachlorophenol
 Concen: 85.320 ng
 RT: 17.378 min Scan# 2356
 Delta R.T. -0.005 min
 Lab File: BG057209.D
 Acq: 28 Apr 2023 2:20

Tgt Ion:266 Resp: 77903
 Ion Ratio Lower Upper
 266 100
 268 62.6 51.0 76.6
 264 63.7 47.8 71.6





#71
Phenanthrene
Concen: 44.390 ng
RT: 17.772 min Scan# 2424
Delta R.T. -0.005 min
Lab File: BG057209.D
Acq: 28 Apr 2023 2:20

Instrument :

BNA_G

ClientSampleId :

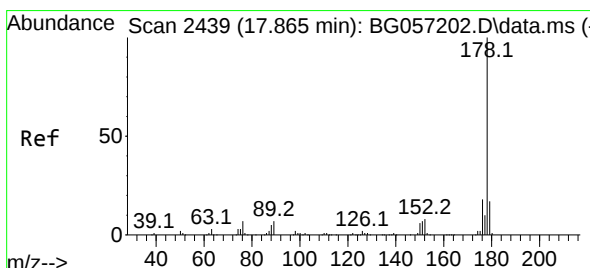
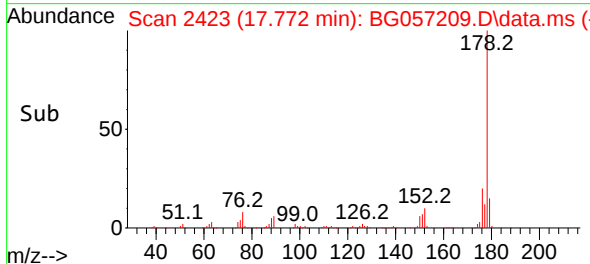
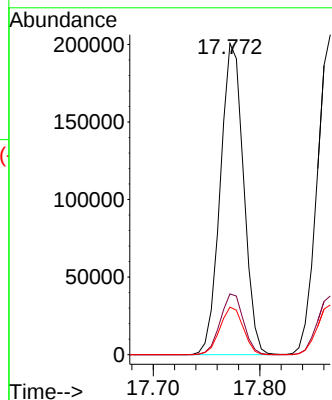
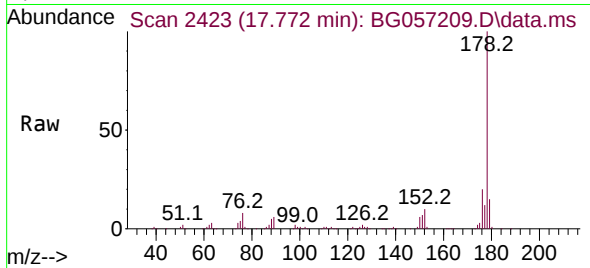
PB152441BS

Tgt Ion:178 Resp: 30378
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.2
179 15.3 12.3 18.5

Manual Integrations

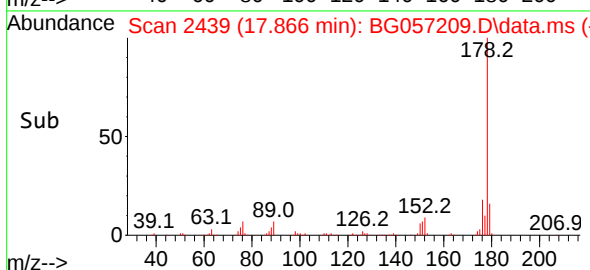
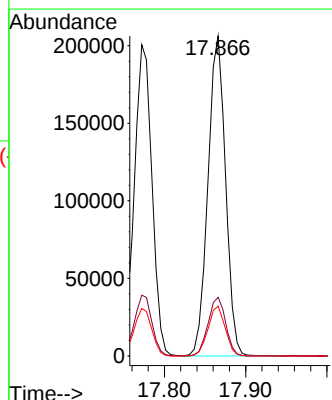
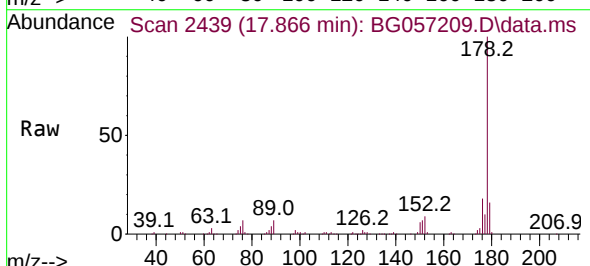
APPROVED

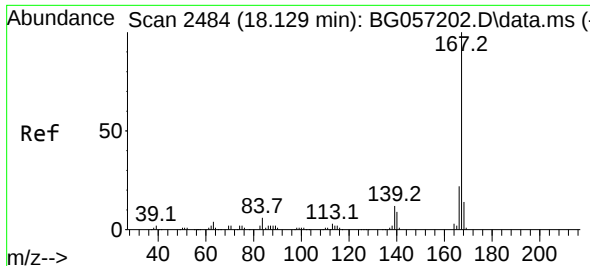
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#72
Anthracene
Concen: 44.062 ng
RT: 17.866 min Scan# 2439
Delta R.T. 0.001 min
Lab File: BG057209.D
Acq: 28 Apr 2023 2:20

Tgt Ion:178 Resp: 309407
Ion Ratio Lower Upper
178 100
176 18.4 14.7 22.1
179 15.5 13.2 19.8





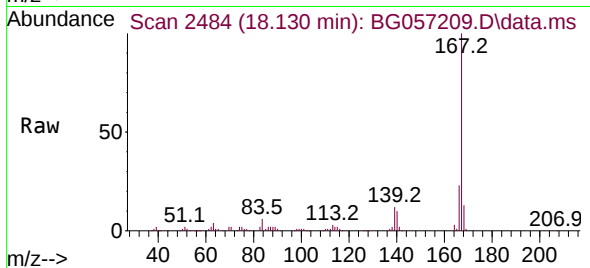
#73
 Carbazole
 Concen: 45.617 ng
 RT: 18.130 min Scan# 2484
 Delta R.T. 0.001 min
 Lab File: BG057209.D
 Acq: 28 Apr 2023 2:20

Instrument :

BNA_G

ClientSampleId :

PB152441BS

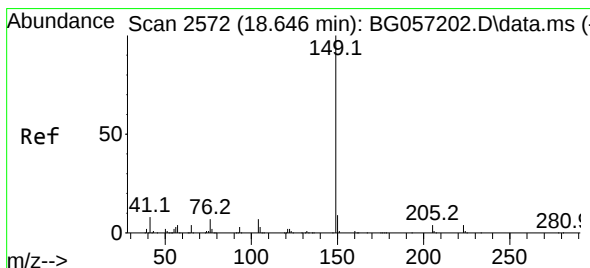
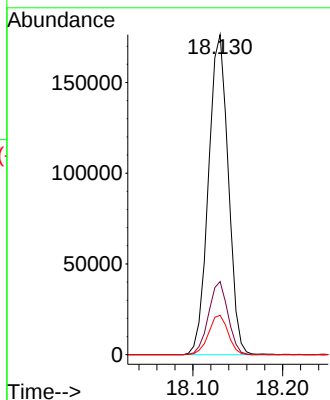
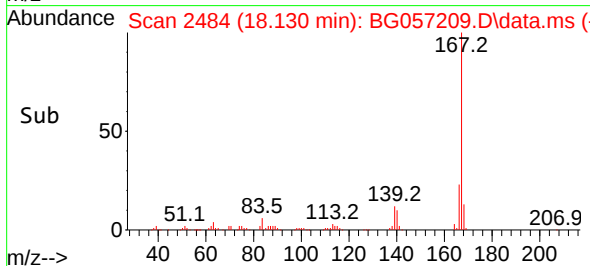


Tgt Ion:167 Resp: 269670
 Ion Ratio Lower Upper
 167 100
 166 22.9 17.4 26.0
 139 12.3 9.6 14.4

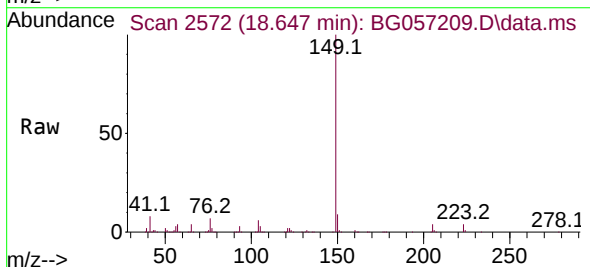
Manual Integrations

APPROVED

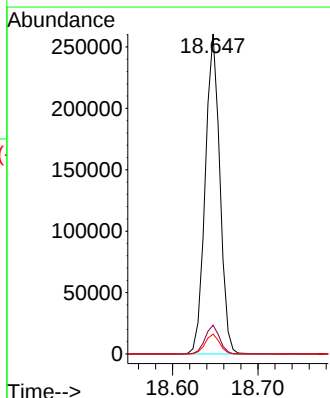
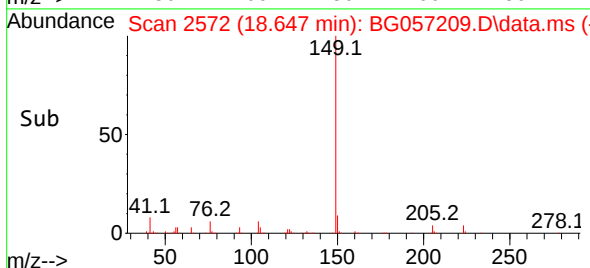
Reviewed By :Christian Giraldo 04/28/2023
 Supervised By :Jagrut Upadhyay 04/28/2023

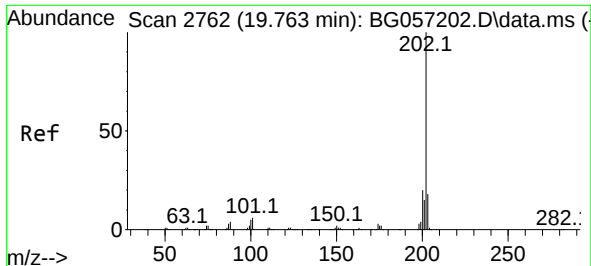


#74
 Di-n-butylphthalate
 Concen: 45.511 ng
 RT: 18.647 min Scan# 2572
 Delta R.T. 0.001 min
 Lab File: BG057209.D
 Acq: 28 Apr 2023 2:20



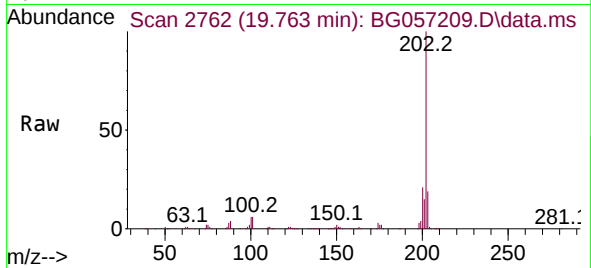
Tgt Ion:149 Resp: 309551
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.3 10.9
 104 6.2 5.4 8.2





#75
Fluoranthene
Concen: 43.856 ng
RT: 19.763 min Scan# 2762
Delta R.T. 0.001 min
Lab File: BG057209.D
Acq: 28 Apr 2023 2:20

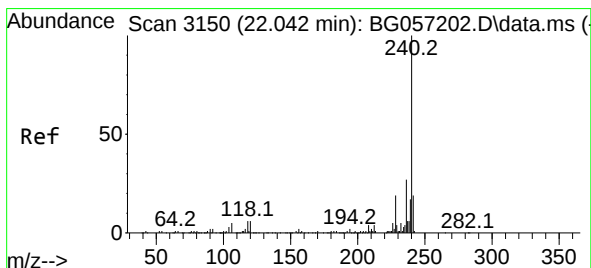
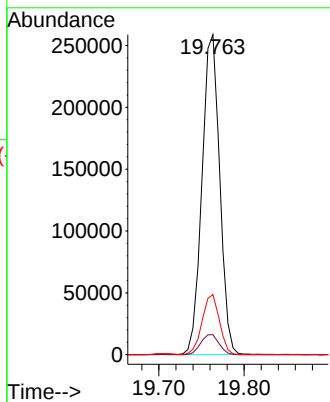
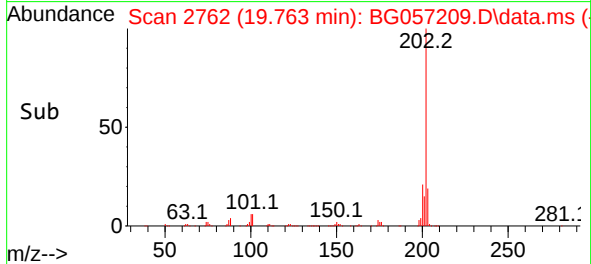
Instrument :
BNA_G
ClientSampleId :
PB152441BS



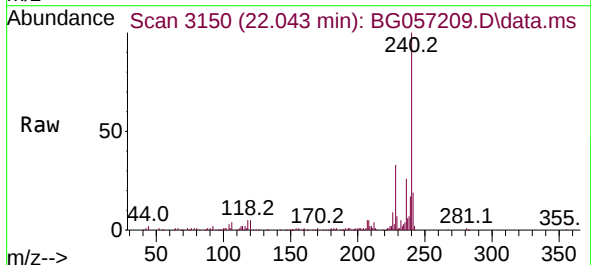
Tgt Ion:202 Resp: 373279
Ion Ratio Lower Upper
202 100
101 6.3 0.0 26.2
203 18.8 0.0 37.9

Manual Integrations
APPROVED

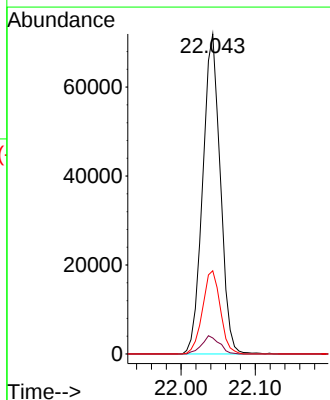
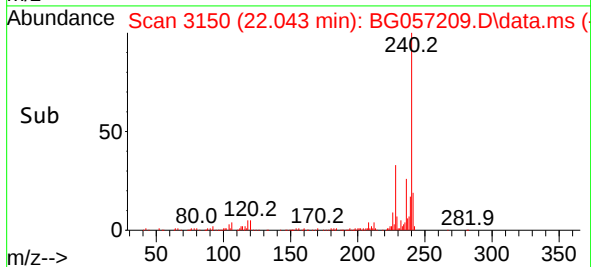
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

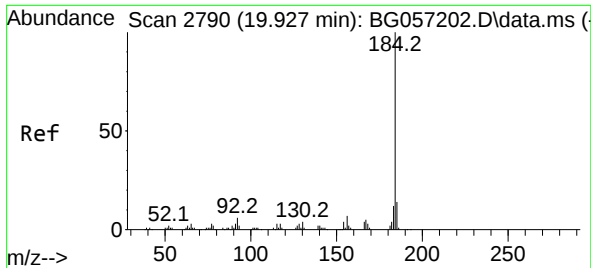


#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.043 min Scan# 3150
Delta R.T. 0.001 min
Lab File: BG057209.D
Acq: 28 Apr 2023 2:20



Tgt Ion:240 Resp: 118185
Ion Ratio Lower Upper
240 100
120 5.0 4.9 7.3
236 26.0 21.4 32.2





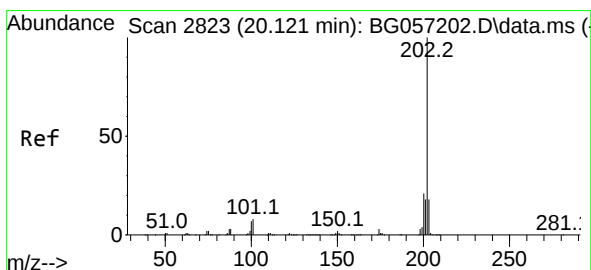
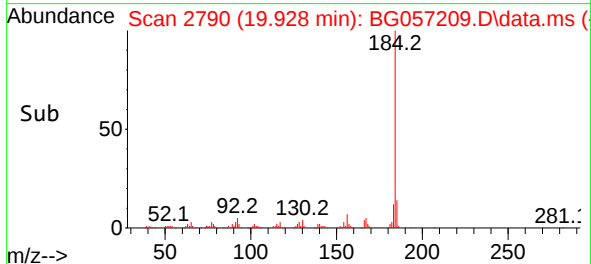
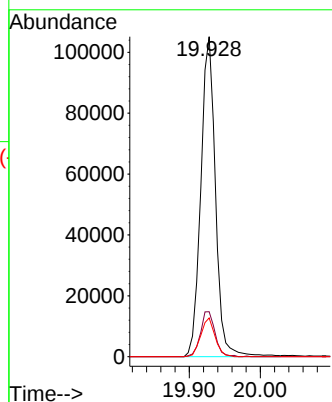
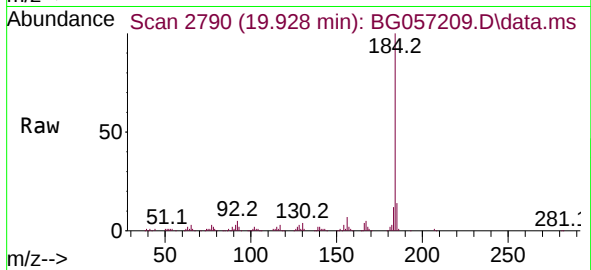
#77
Benzidine
Concen: 57.231 ng
RT: 19.928 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG057209.D
Acq: 28 Apr 2023 2:20

Instrument :
BNA_G
ClientSampleId :
PB152441BS

Tgt Ion:184 Resp: 151210
Ion Ratio Lower Upper
184 100
185 14.0 11.1 16.7
183 12.1 9.9 14.9

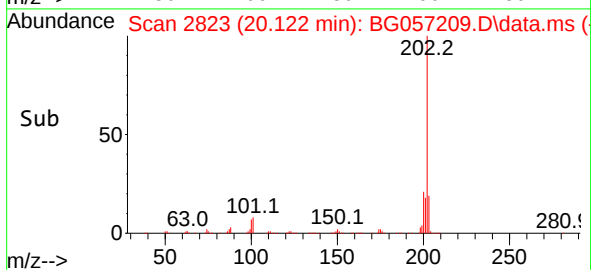
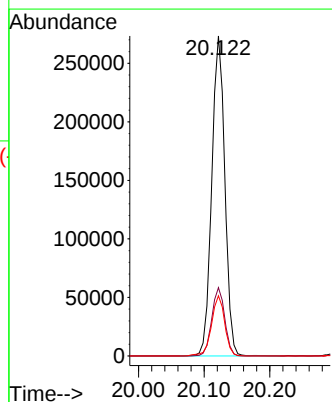
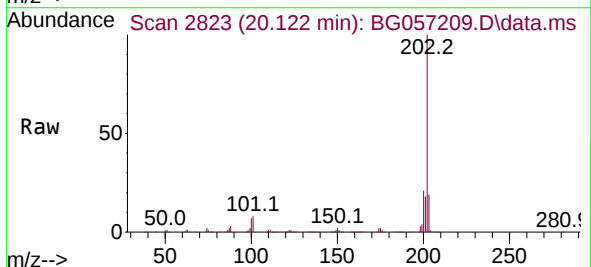
Manual Integrations
APPROVED

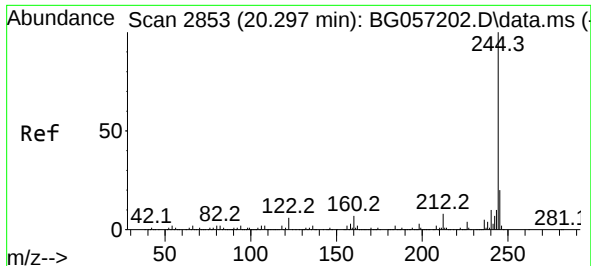
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#78
Pyrene
Concen: 44.154 ng
RT: 20.122 min Scan# 2823
Delta R.T. 0.001 min
Lab File: BG057209.D
Acq: 28 Apr 2023 2:20

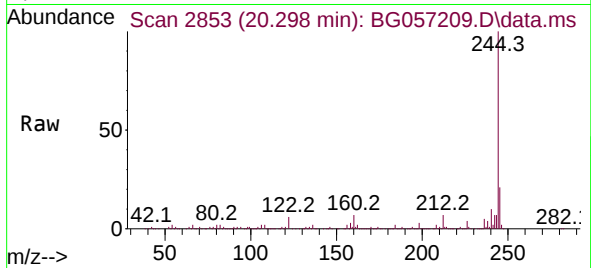
Tgt Ion:202 Resp: 379192
Ion Ratio Lower Upper
202 100
200 21.4 17.0 25.4
203 18.8 14.2 21.4





#79
 Terphenyl-d14
 Concen: 91.609 ng
 RT: 20.298 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG057209.D
 Acq: 28 Apr 2023 2:20

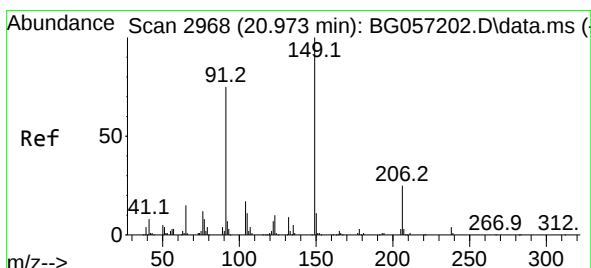
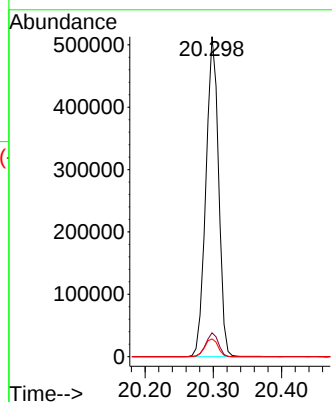
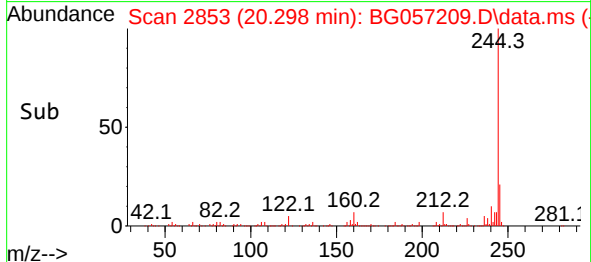
Instrument :
 BNA_G
 ClientSampleId :
 PB152441BS



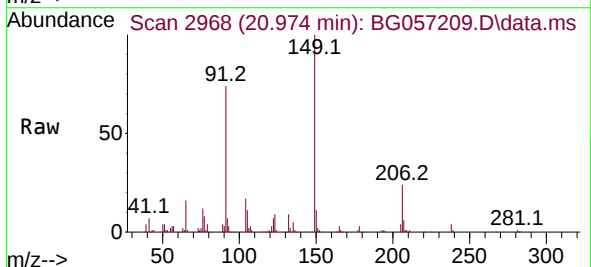
Tgt Ion:244 Resp: 663438
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 5.6 5.1 7.7

Manual Integrations
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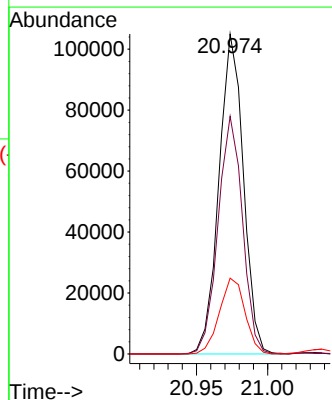
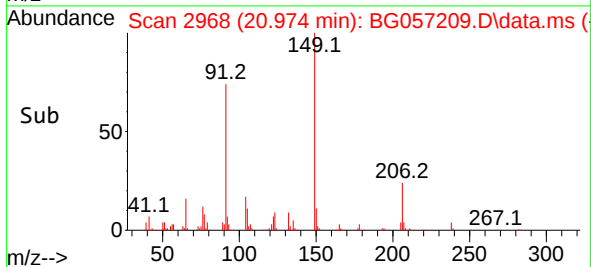
Reviewed By :Christian Giraldo 04/28/2023
 Supervised By :Jagrut Upadhyay 04/28/2023

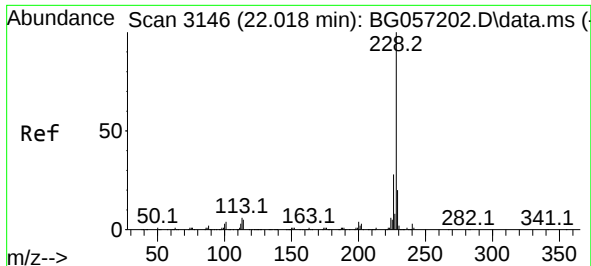


#80
 Butylbenzylphthalate
 Concen: 45.997 ng
 RT: 20.974 min Scan# 2968
 Delta R.T. 0.001 min
 Lab File: BG057209.D
 Acq: 28 Apr 2023 2:20



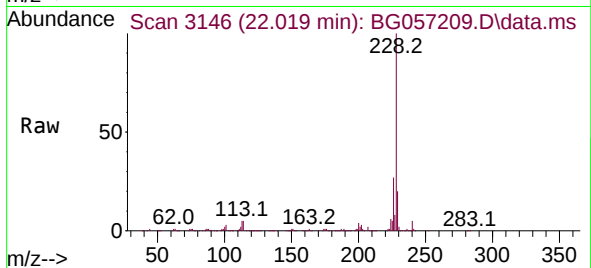
Tgt Ion:149 Resp: 125338
 Ion Ratio Lower Upper
 149 100
 91 74.3 59.7 89.5
 206 23.7 19.7 29.5





#81
Benzo(a)anthracene
Concen: 45.976 ng
RT: 22.019 min Scan# 3146
Delta R.T. 0.001 min
Lab File: BG057209.D
Acq: 28 Apr 2023 2:20

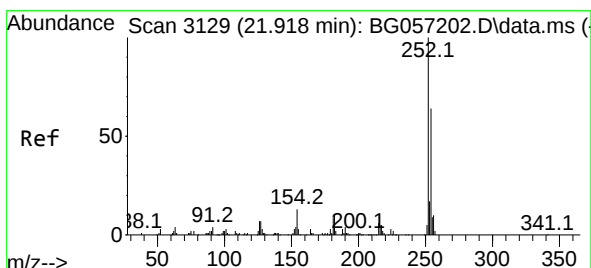
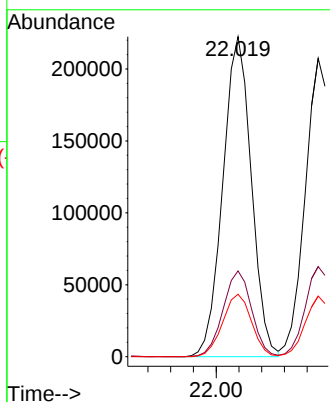
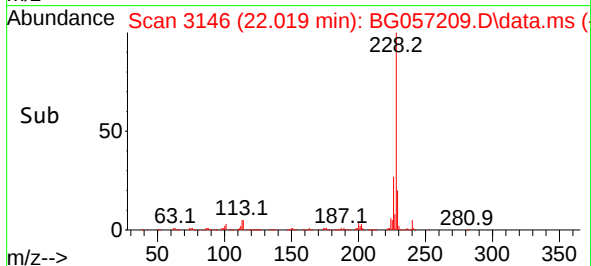
Instrument :
BNA_G
ClientSampleId :
PB152441BS



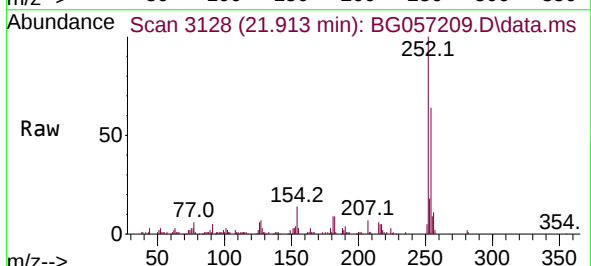
Tgt Ion:228 Resp: 387135
Ion Ratio Lower Upper
228 100
226 26.8 22.0 33.0
229 19.5 15.8 23.8

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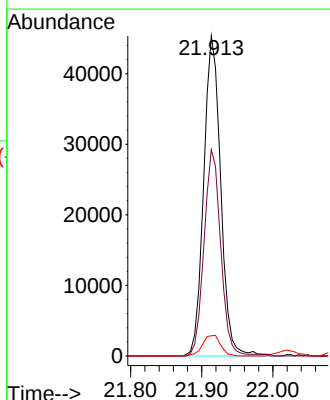
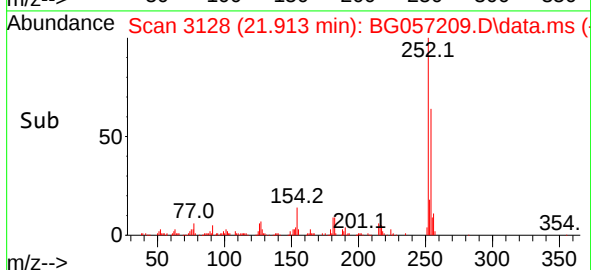
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

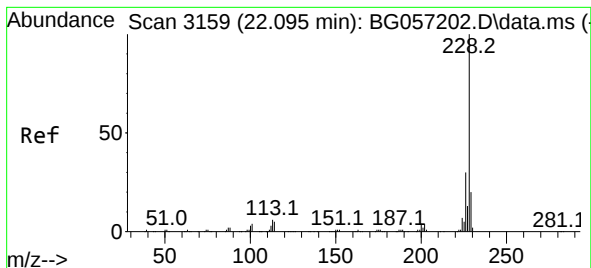


#82
3,3'-Dichlorobenzidine
Concen: 28.026 ng
RT: 21.913 min Scan# 3128
Delta R.T. -0.005 min
Lab File: BG057209.D
Acq: 28 Apr 2023 2:20



Tgt Ion:252 Resp: 75589
Ion Ratio Lower Upper
252 100
254 64.5 51.4 77.0
126 6.3 5.9 8.9





#83

Chrysene

Concen: 44.237 ng

RT: 22.090 min Scan# 3159

Delta R.T. -0.005 min

Lab File: BG057209.D

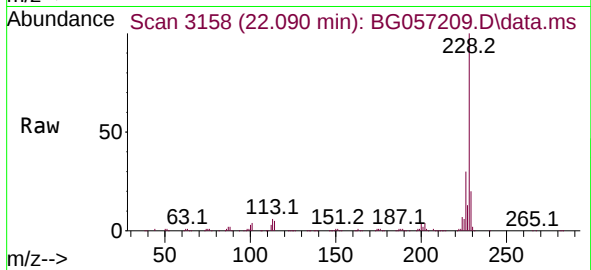
Acq: 28 Apr 2023 2:20

Instrument :

BNA_G

ClientSampleId :

PB152441BS



Tgt Ion:228 Resp: 35046

Ion Ratio Lower Upper

228 100

226 30.2 24.3 36.5

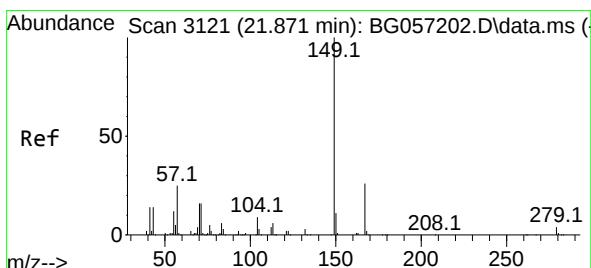
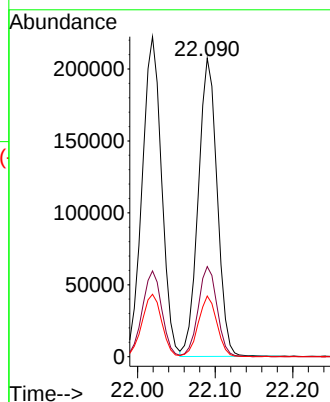
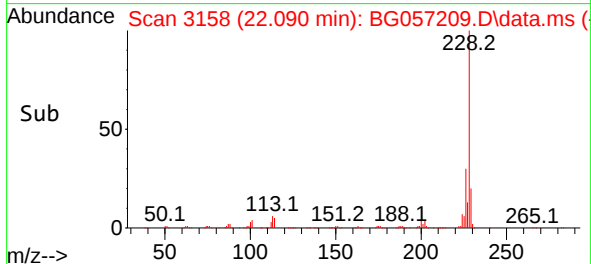
229 20.3 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/28/2023

Supervised By :Jagrut Upadhyay 04/28/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.734 ng

RT: 21.866 min Scan# 3120

Delta R.T. -0.005 min

Lab File: BG057209.D

Acq: 28 Apr 2023 2:20

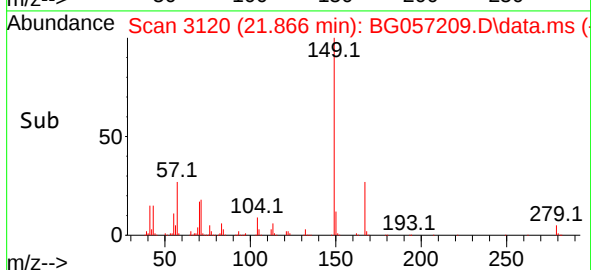
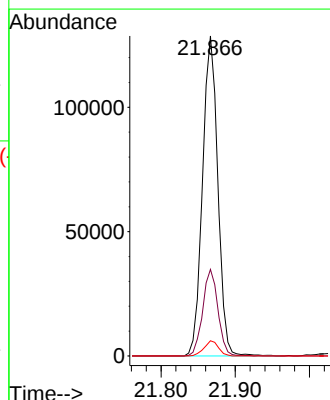
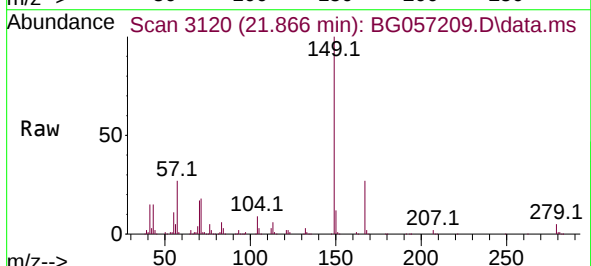
Tgt Ion:149 Resp: 184384

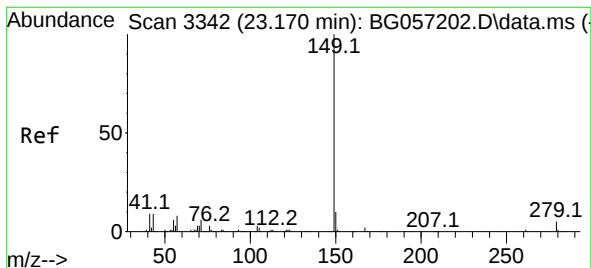
Ion Ratio Lower Upper

149 100

167 27.1 21.2 31.8

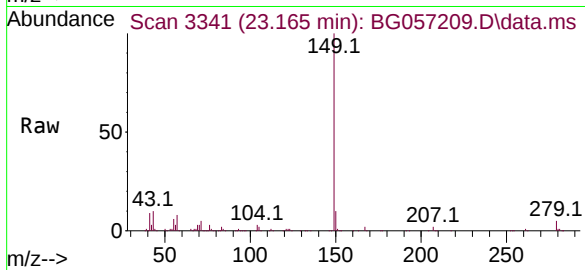
279 4.8 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 46.192 ng
RT: 23.165 min Scan# 310472
Delta R.T. -0.005 min
Lab File: BG057209.D
Acq: 28 Apr 2023 2:20

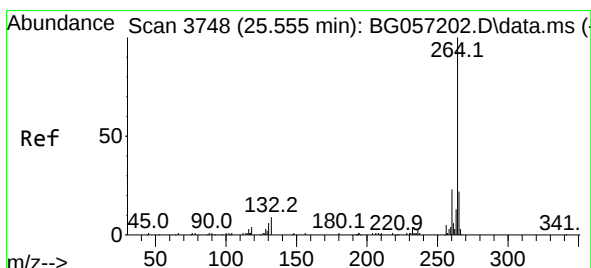
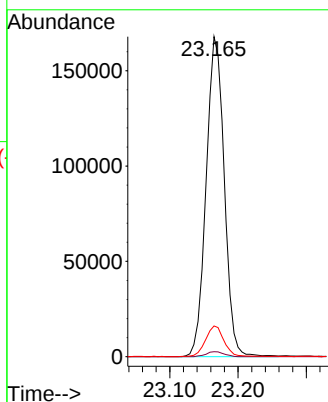
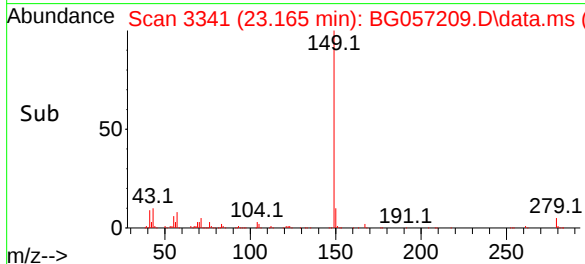
Instrument :
BNA_G
ClientSampleId :
PB152441BS



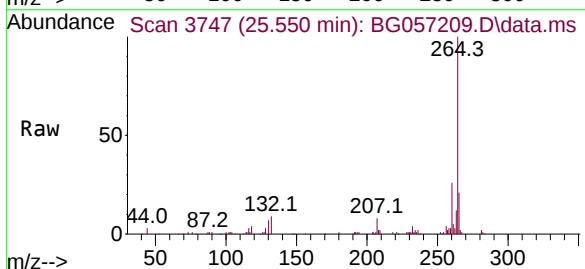
Tgt Ion:149 Resp: 310472
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 9.9 7.8 11.8

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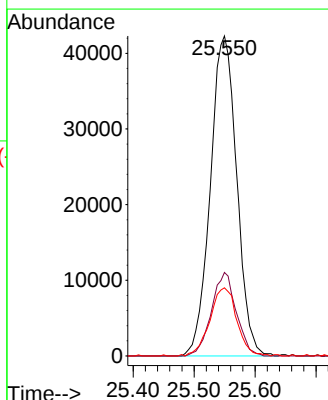
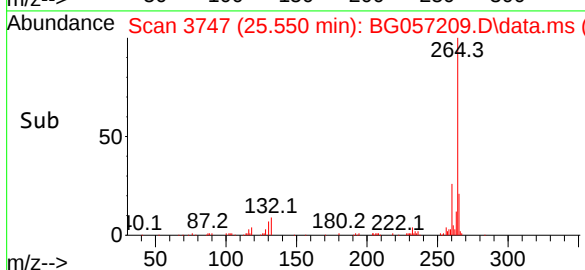
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

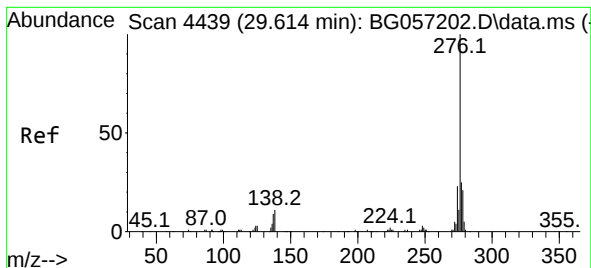


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.550 min Scan# 3747
Delta R.T. -0.005 min
Lab File: BG057209.D
Acq: 28 Apr 2023 2:20



Tgt Ion:264 Resp: 127259
Ion Ratio Lower Upper
264 100
260 26.1 18.8 28.2
265 21.3 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.581 ng

RT: 29.603 min Scan# 4437

Delta R.T. -0.011 min

Lab File: BG057209.D

Acq: 28 Apr 2023 2:20

Instrument :

BNA_G

ClientSampleId :

PB152441BS

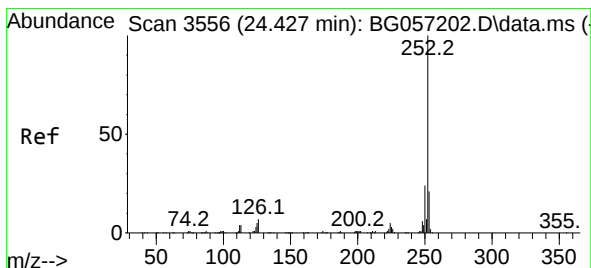
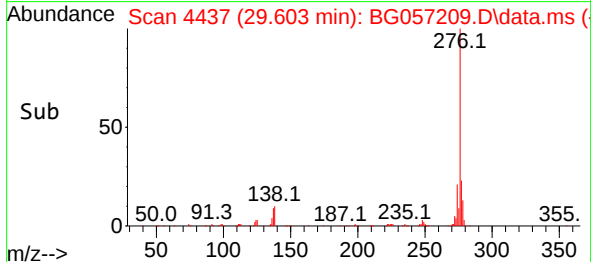
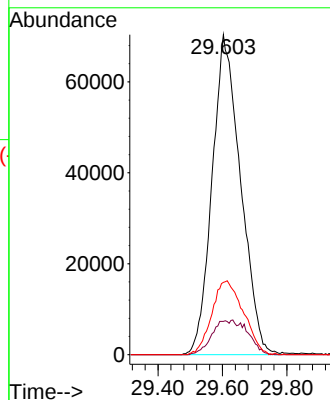
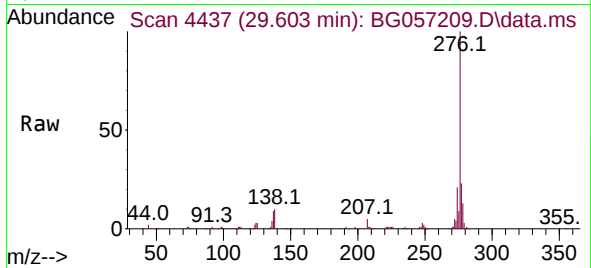
Tgt Ion:276 Resp: 432029
 Ion Ratio Lower Upper
 276 100
 138 6.6 5.4 8.0
 277 25.6 20.6 30.8

Manual Integrations

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Reviewed By :Christian Giraldo 04/28/2023

Supervised By :Jagrut Upadhyay 04/28/2023



#88

Benzo(b)fluoranthene

Concen: 47.671 ng

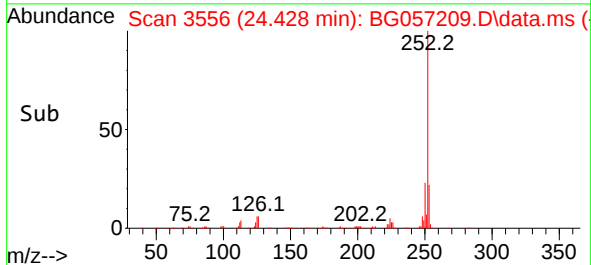
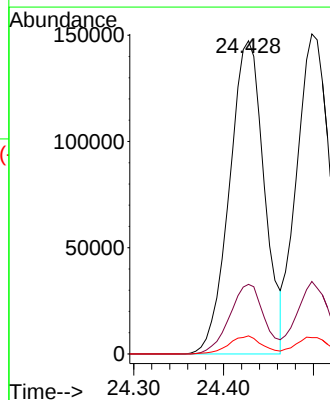
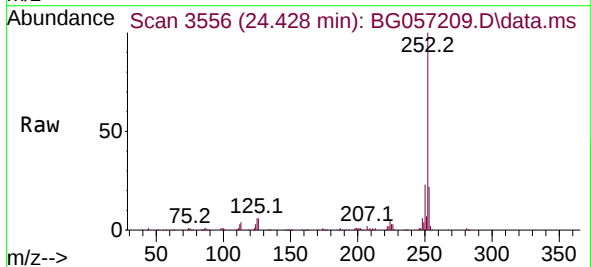
RT: 24.428 min Scan# 3556

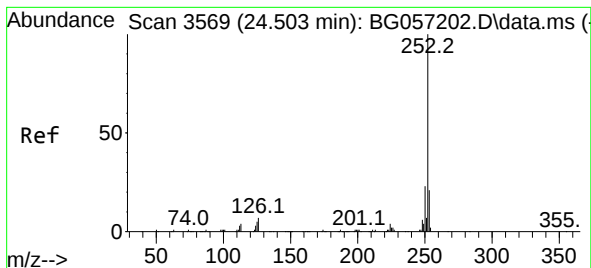
Delta R.T. 0.001 min

Lab File: BG057209.D

Acq: 28 Apr 2023 2:20

Tgt Ion:252 Resp: 396566
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.0 25.6
 125 5.8 4.2 6.2





#89

Benzo(k)fluoranthene

Concen: 45.968 ng

RT: 24.498 min Scan# 31

Delta R.T. -0.005 min

Lab File: BG057209.D

Acq: 28 Apr 2023 2:20

Instrument :

BNA_G

ClientSampleId :

PB152441BS

Tgt Ion:252 Resp: 38858

Ion Ratio Lower Upper

252 100

253 22.7 17.4 26.0

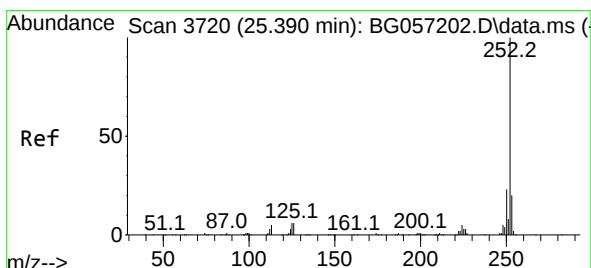
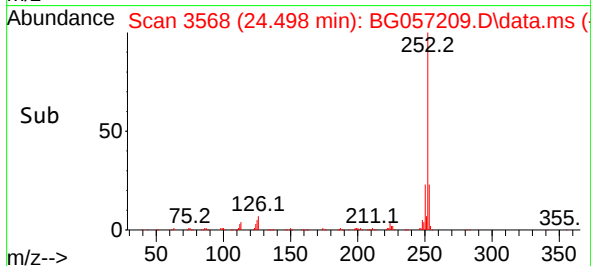
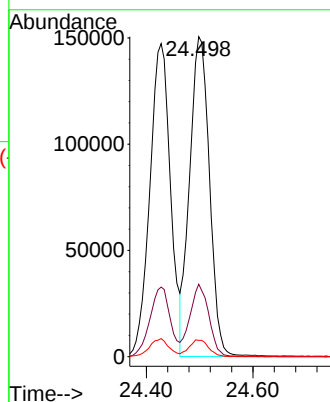
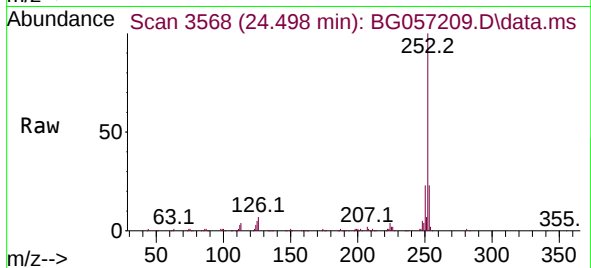
125 5.1 4.1 6.1

Manual Integrations

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Reviewed By :Christian Giraldo 04/28/2023

Supervised By :Jagrut Upadhyay 04/28/2023



#90

Benzo(a)pyrene

Concen: 42.639 ng

RT: 25.385 min Scan# 3719

Delta R.T. -0.005 min

Lab File: BG057209.D

Acq: 28 Apr 2023 2:20

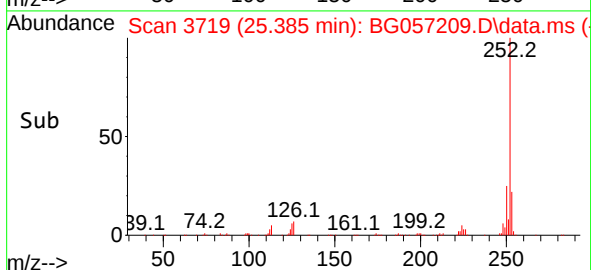
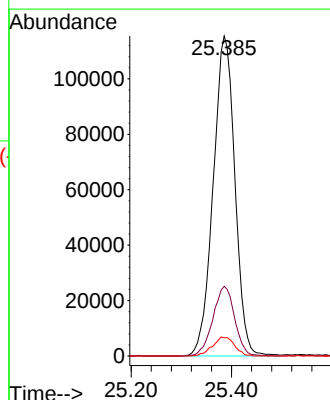
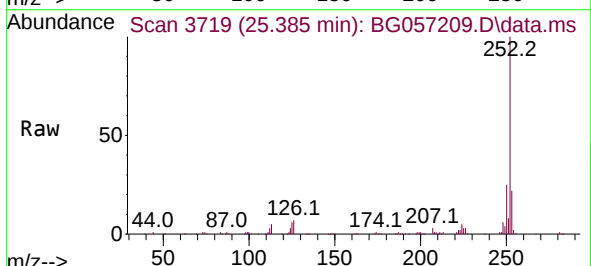
Tgt Ion:252 Resp: 346539

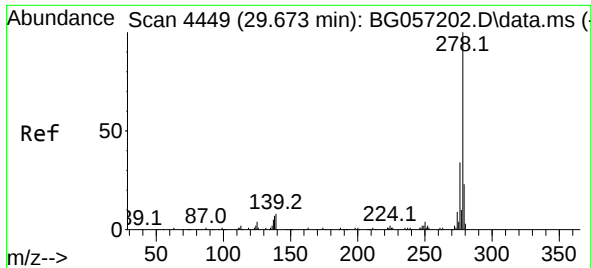
Ion Ratio Lower Upper

252 100

253 21.7 16.3 24.5

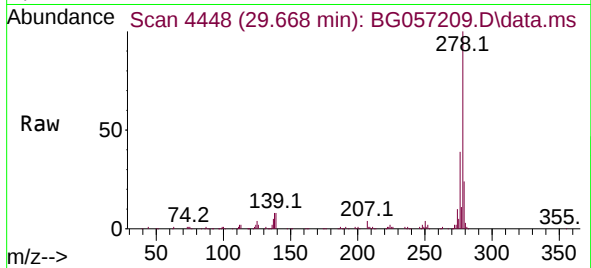
125 5.6 5.0 7.4





#91
Dibenzo(a,h)anthracene
Concen: 46.357 ng
RT: 29.668 min Scan# 4448
Delta R.T. -0.005 min
Lab File: BG057209.D
Acq: 28 Apr 2023 2:20

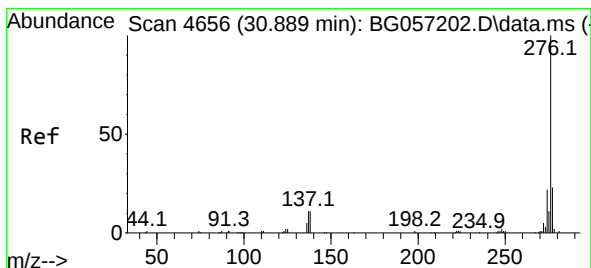
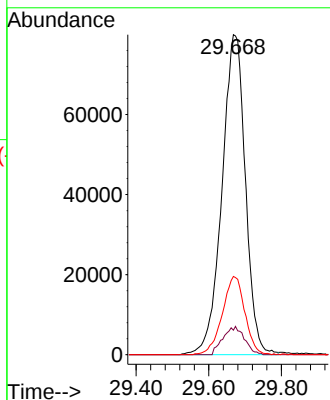
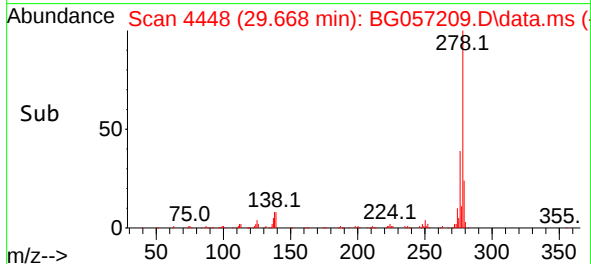
Instrument :
BNA_G
ClientSampleId :
PB152441BS



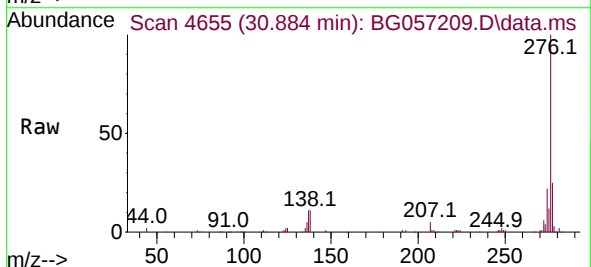
Tgt Ion:278 Resp: 358062
Ion Ratio Lower Upper
278 100
139 7.7 6.2 9.2
279 24.5 18.6 27.8

Manual Integrations
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Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#92
Benzo(g,h,i)perylene
Concen: 45.800 ng
RT: 30.884 min Scan# 4655
Delta R.T. -0.005 min
Lab File: BG057209.D
Acq: 28 Apr 2023 2:20



Tgt Ion:276 Resp: 345417
Ion Ratio Lower Upper
276 100
277 24.7 18.4 27.6
138 11.4 9.0 13.4

