

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052423\
 Data File : BG057532.D
 Acq On : 24 May 2023 11:54
 Operator : CG/JU
 Sample : PB152934BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB152934BS

Manual Integrations
 APPROVED

Reviewed By :Christian
 Giraldo
 05/25/2023
 Supervised By :Jagrut
 Upadhyay
 05/25/2023

Quant Time: May 25 02:23:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 25 02:19:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.363	152	18684	20.000	ng	0.00
21) Naphthalene-d8	11.200	136	78678	20.000	ng	0.00
39) Acenaphthene-d10	14.983	164	63588	20.000	ng	0.00
64) Phenanthrene-d10	17.721	188	157672	20.000	ng	0.00
76) Chrysene-d12	22.033	240	126651	20.000	ng	0.00
86) Perylene-d12	25.546	264	138007	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.878	112	171554	157.066	ng	0.00
7) Phenol-d6	7.511	99	258463	155.831	ng	0.00
23) Nitrobenzene-d5	9.544	82	163192	87.055	ng	0.00
42) 2,4,6-Tribromophenol	16.470	330	142140	157.540	ng	0.00
45) 2-Fluorobiphenyl	13.603	172	438686	92.914	ng	0.00
79) Terphenyl-d14	20.288	244	783416	100.945	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.669	88	15331	33.947	ng	98
3) Pyridine	4.098	79	45378	31.266	ng	91
4) n-Nitrosodimethylamine	4.004	42	24444	35.840	ng	84
6) Aniline	7.676	93	72007	34.222	ng	97
8) 2-Chlorophenol	7.928	128	63550	55.063	ng	95
9) Benzaldehyde	7.488	77	27907	29.977	ng	95
10) Phenol	7.535	94	88745	54.888	ng	98
11) bis(2-Chloroethyl)ether	7.764	93	56759	46.554	ng	96
12) 1,3-Dichlorobenzene	8.251	146	63238	49.645	ng	97
13) 1,4-Dichlorobenzene	8.398	146	64958	50.768	ng	97
14) 1,2-Dichlorobenzene	8.721	146	63914	51.744	ng	96
15) Benzyl Alcohol	8.598	79	69574	50.352	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.880	45	70494	45.874	ng	98
17) 2-Methylphenol	8.803	107	61313	52.606	ng	98
18) Hexachloroethane	9.456	117	23616	51.145	ng	91
19) n-Nitroso-di-n-propyla...	9.168	70	56136	44.386	ng	97
20) 3+4-Methylphenols	9.132	107	85329	53.467	ng	93
22) Acetophenone	9.191	105	102836	45.667	ng	94
24) Nitrobenzene	9.585	77	82128	43.407	ng	96
25) Isophorone	10.108	82	155689	42.830	ng	97
26) 2-Nitrophenol	10.307	139	37517	51.802	ng	92
27) 2,4-Dimethylphenol	10.348	122	69851	55.081	ng	97
28) bis(2-Chloroethoxy)met...	10.578	93	85583	46.996	ng	96
29) 2,4-Dichlorophenol	10.848	162	75716	56.293	ng	97
30) 1,2,4-Trichlorobenzene	11.059	180	74593	48.082	ng	99
31) Naphthalene	11.253	128	200262	47.611	ng	99
32) Benzoic acid	10.513	122	36154	49.298	ng	92
33) 4-Chloroaniline	11.359	127	64090	33.929	ng	96
34) Hexachlorobutadiene	11.517	225	53091	46.120	ng	98
35) Caprolactam	12.134	113	25322m	55.114	ng	
36) 4-Chloro-3-methylphenol	12.457	107	84031	54.975	ng	97
37) 2-Methylnaphthalene	12.833	142	157422	47.601	ng	94
38) 1-Methylnaphthalene	13.051	142	148198	47.543	ng	99
40) 1,2,4,5-Tetrachloroben...	13.192	216	107921	47.807	ng	98
41) Hexachlorocyclopentadiene	13.162	237	94386	86.436	ng	98
43) 2,4,6-Trichlorophenol	13.427	196	71103	51.700	ng	100

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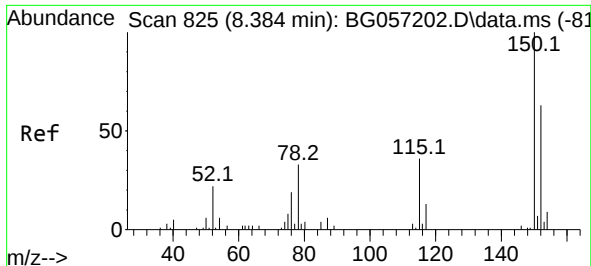
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.509	196	78765	48.688	ng	97
46) 1,1'-Biphenyl	13.814	154	229519	48.643	ng	99
47) 2-Chloronaphthalene	13.867	162	173916	49.566	ng	99
48) 2-Nitroaniline	14.067	65	56559	47.407	ng	94
49) Acenaphthylene	14.707	152	276359	48.481	ng	99
50) Dimethylphthalate	14.419	163	242382	46.386	ng	98
51) 2,6-Dinitrotoluene	14.549	165	54836	51.398	ng	88
52) Acenaphthene	15.048	154	171494	48.145	ng	100
53) 3-Nitroaniline	14.884	138	36662	34.301	ng	94
54) 2,4-Dinitrophenol	15.101	184	64737	96.876	ng	98
55) Dibenzofuran	15.377	168	285030	47.625	ng	100
56) 4-Nitrophenol	15.195	139	69740	98.105	ng	90
57) 2,4-Dinitrotoluene	15.342	165	77549	50.860	ng	90
58) Fluorene	16.023	166	238765	48.433	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.606	232	72871	49.684	ng	# 99
60) Diethylphthalate	15.765	149	246131	46.382	ng	98
61) 4-Chlorophenyl-phenyle...	16.000	204	138670	46.693	ng	97
62) 4-Nitroaniline	16.047	138	50535	46.867	ng	92
63) Azobenzene	16.293	77	226012	44.142	ng	97
65) 4,6-Dinitro-2-methylph...	16.105	198	51301	54.497	ng	97
66) n-Nitrosodiphenylamine	16.217	169	213062	49.753	ng	99
67) 4-Bromophenyl-phenylether	16.893	248	94772	49.238	ng	97
68) Hexachlorobenzene	17.028	284	98583	52.705	ng	95
69) Atrazine	17.151	200	89935	55.054	ng	98
70) Pentachlorophenol	17.374	266	93545	86.779	ng	98
71) Phenanthrene	17.762	178	389523	48.212	ng	99
72) Anthracene	17.856	178	399397	48.177	ng	99
73) Carbazole	18.120	167	345177	49.458	ng	100
74) Di-n-butylphthalate	18.631	149	392266	48.850	ng	98
75) Fluoranthene	19.753	202	458620	45.640	ng	98
77) Benzidine	19.918	184	173692	61.344	ng	99
78) Pyrene	20.112	202	456679	49.622	ng	98
80) Butylbenzylphthalate	20.964	149	158468	54.268	ng	94
81) Benzo(a)anthracene	22.009	228	434709	48.175	ng	99
82) 3,3'-Dichlorobenzidine	21.903	252	110472	38.222	ng	99
83) Chrysene	22.080	228	398995	46.996	ng	99
84) Bis(2-ethylhexyl)phtha...	21.851	149	226131	52.339	ng	98
85) Di-n-octyl phthalate	23.143	149	381666	52.988	ng	98
87) Indeno(1,2,3-cd)pyrene	29.616	276	491324	48.848	ng	99
88) Benzo(b)fluoranthene	24.418	252	438746	48.634	ng	100
89) Benzo(k)fluoranthene	24.488	252	430301	46.938	ng	99
90) Benzo(a)pyrene	25.381	252	389192	44.158	ng	96
91) Dibenzo(a,h)anthracene	29.669	278	410945	49.060	ng	98
92) Benzo(g,h,i)perylene	30.891	276	398115	48.676	ng	99

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



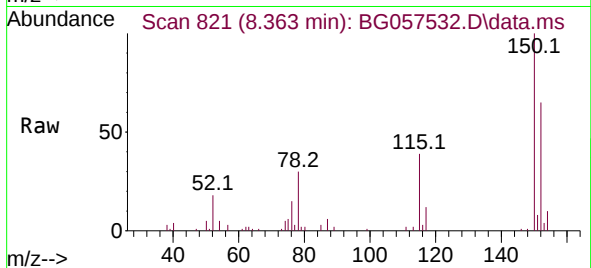
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.363 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG057532.D
Acq: 24 May 2023 11:54

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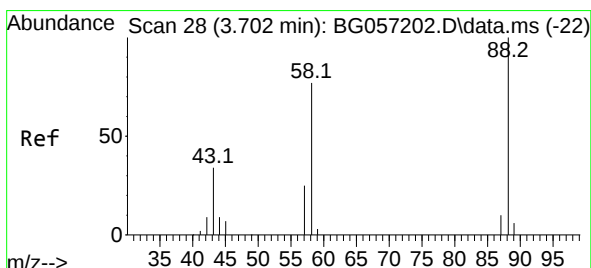
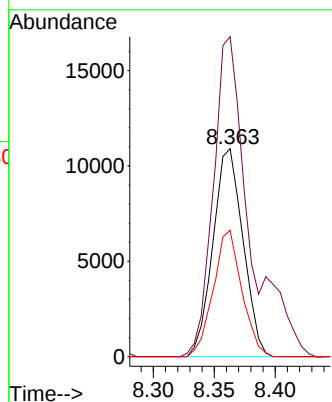
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Ion Ratio Lower Upper
152 100
150 153.8 126.2 189.4
115 60.7 45.0 67.4

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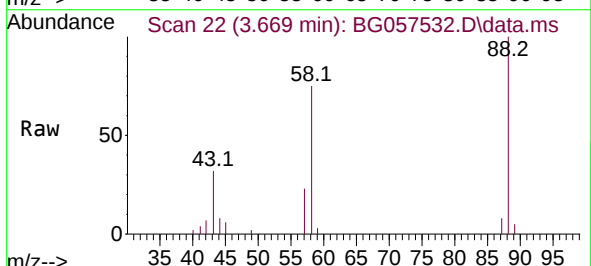
Reviewed By :Christian
Giraldo

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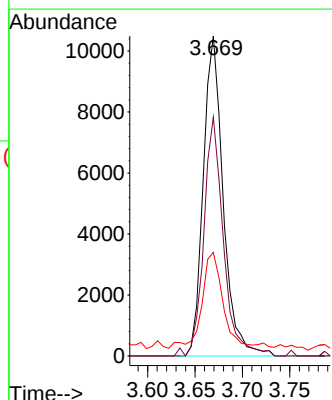
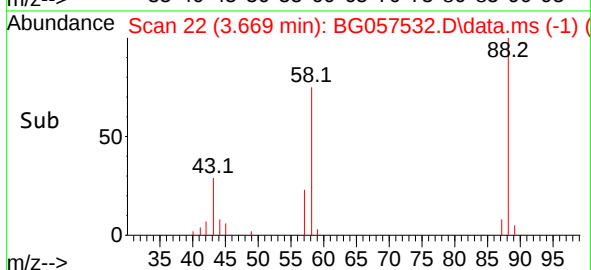
Supervised By :Jagrut
Upadhyay
05/25/2023



#2
1,4-Dioxane
Concen: 33.947 ng
RT: 3.669 min Scan# 22
Delta R.T. -0.003 min
Lab File: BG057532.D
Acq: 24 May 2023 11:54



Tgt Ion: 88 Resp: 15331
Ion Ratio Lower Upper
88 100
58 73.6 57.1 85.7
43 31.4 24.4 36.6





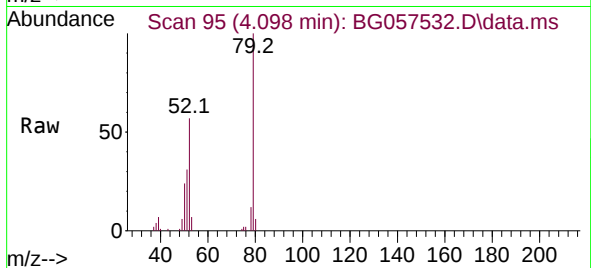
#3
Pyridine
Concen: 31.266 ng
RT: 4.098 min Scan# 91
Delta R.T. -0.003 min
Lab File: BG057532.D
Acq: 24 May 2023 11:54

Instrument :

BNA_G

ClientSampleId :

PB152934BS



Tgt Ion: 79 Resp: 45378
Ion Ratio Lower Upper
79 100
52 56.5 51.4 77.0
51 30.9 28.0 42.0

Manual Integrations
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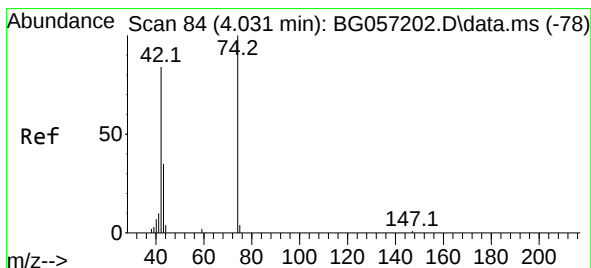
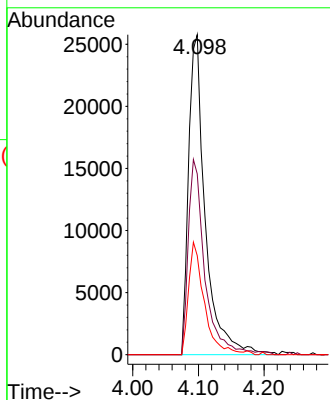
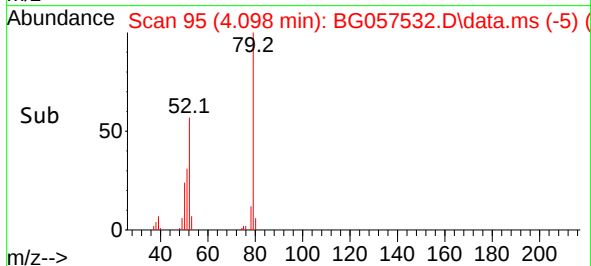
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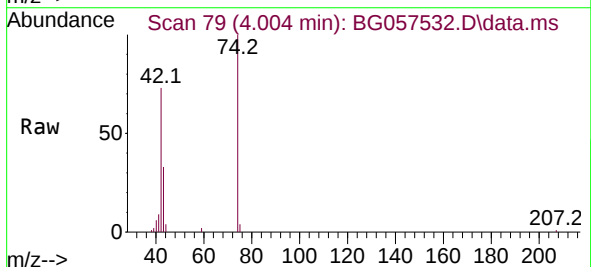
Supervised By :Jagrut

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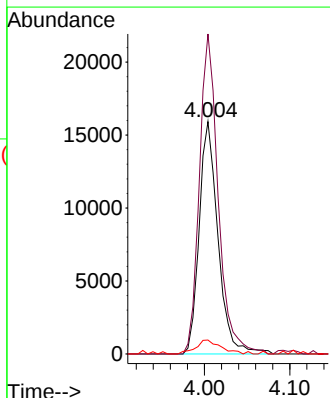
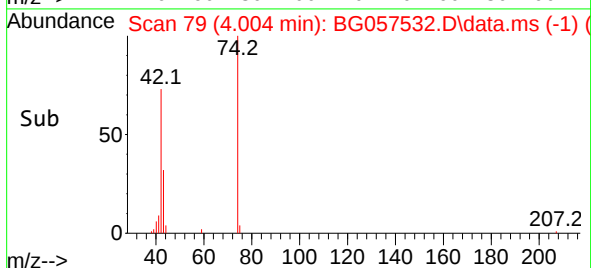
05/25/2023



#4
n-Nitrosodimethylamine
Concen: 35.840 ng
RT: 4.004 min Scan# 79
Delta R.T. -0.003 min
Lab File: BG057532.D
Acq: 24 May 2023 11:54



Tgt Ion: 42 Resp: 24444
Ion Ratio Lower Upper
42 100
74 137.8 95.1 142.7
44 6.0 5.8 8.8





#5
2-Fluorophenol
Concen: 157.066 ng
RT: 5.878 min Scan# 398
Delta R.T. 0.003 min
Lab File: BG057532.D
Acq: 24 May 2023 11:54

Instrument :

BNA_G

ClientSampleId :

PB152934BS

Tgt Ion:112 Resp: 171554
Ion Ratio Lower Upper
112 100
64 63.3 49.4 74.2
63 34.8 31.6 47.4

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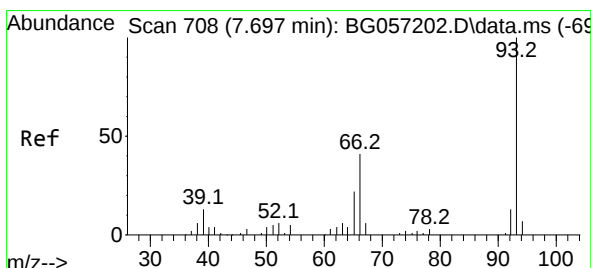
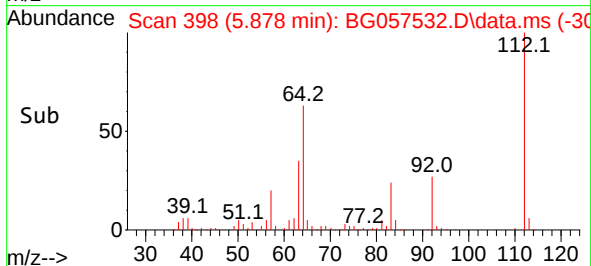
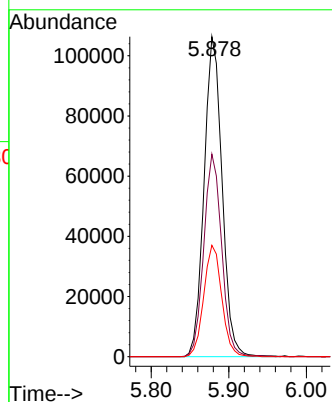
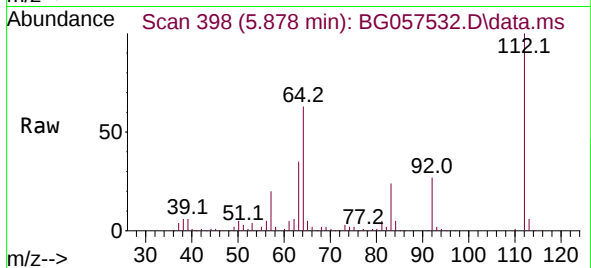
Reviewed By :Christian
Giraldo

05/25/2023

Supervised By :Jagrut

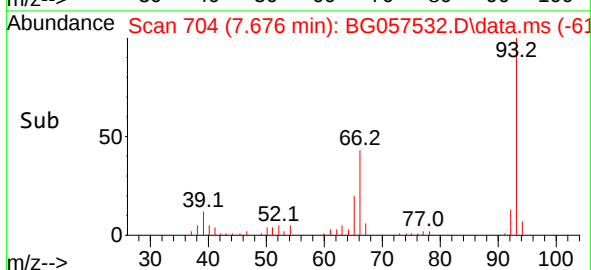
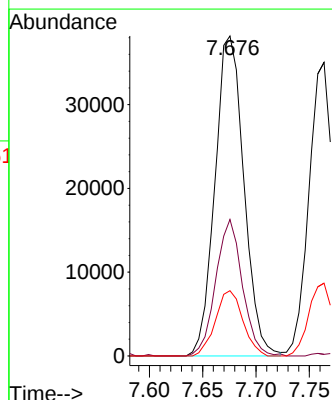
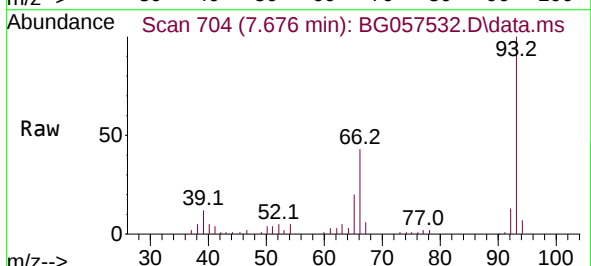
Upadhyay

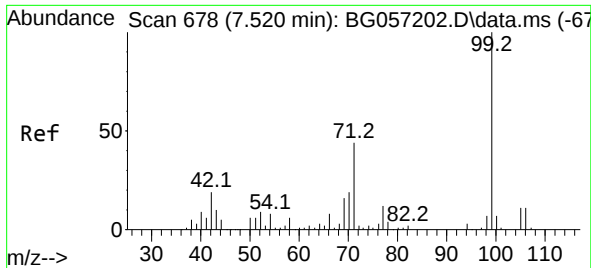
05/25/2023



#6
Aniline
Concen: 34.222 ng
RT: 7.676 min Scan# 704
Delta R.T. -0.003 min
Lab File: BG057532.D
Acq: 24 May 2023 11:54

Tgt Ion: 93 Resp: 72007
Ion Ratio Lower Upper
93 100
66 42.7 33.0 49.6
65 20.4 18.0 27.0





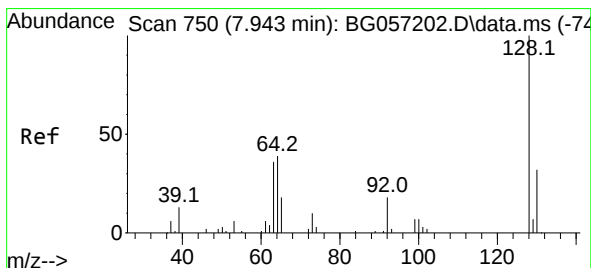
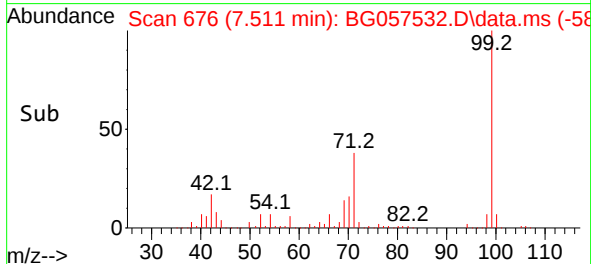
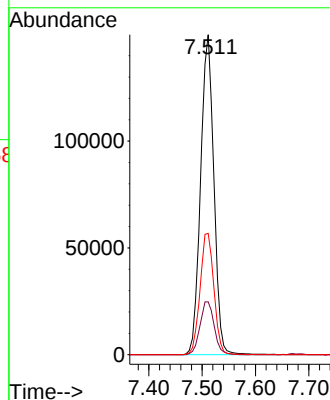
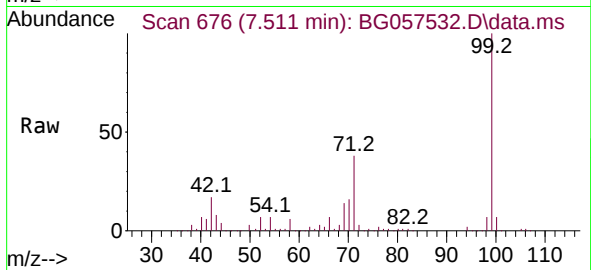
#7
Phenol-d6
Concen: 155.831 ng
RT: 7.511 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG057532.D
Acq: 24 May 2023 11:54

Instrument :
BNA_G
ClientSampleId :
PB152934BS

Tgt Ion: 99 Resp: 25846
Ion Ratio Lower Upper
99 100
42 16.5 15.1 22.7
71 37.9 35.2 52.8

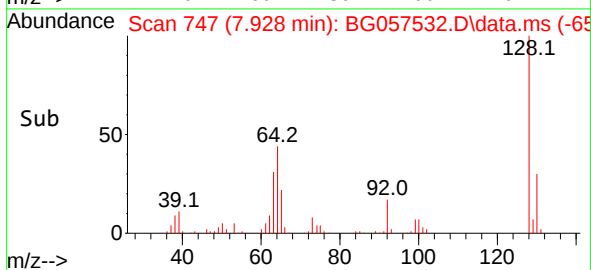
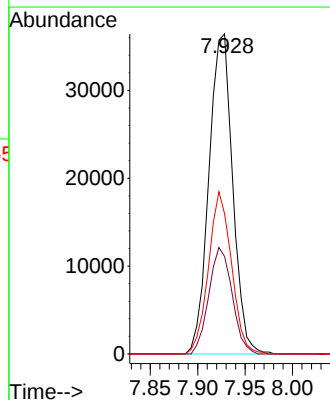
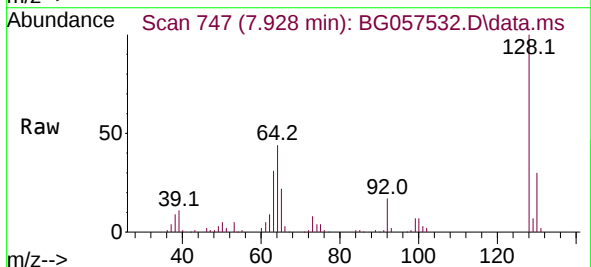
Manual Integrations
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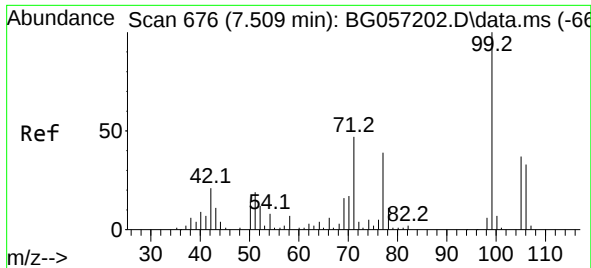
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#8
2-Chlorophenol
Concen: 55.063 ng
RT: 7.928 min Scan# 747
Delta R.T. 0.003 min
Lab File: BG057532.D
Acq: 24 May 2023 11:54

Tgt Ion:128 Resp: 63550
Ion Ratio Lower Upper
128 100
130 30.5 12.2 52.2
64 43.9 28.4 68.4





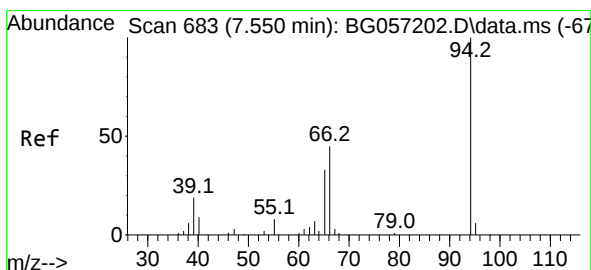
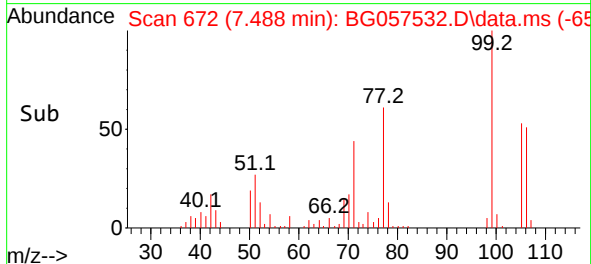
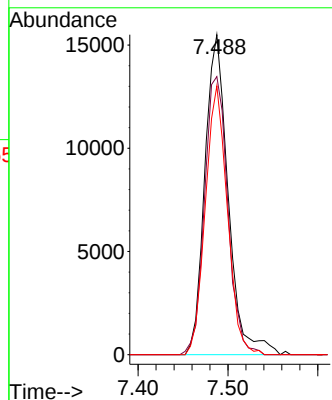
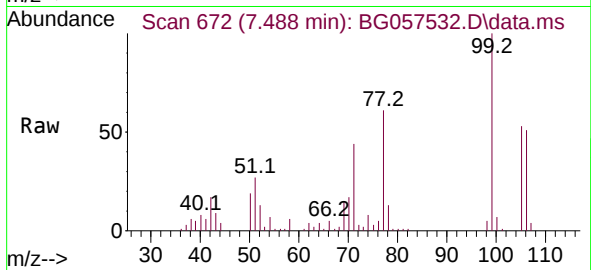
#9
Benzaldehyde
Concen: 29.977 ng
RT: 7.488 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG057532.D
Acq: 24 May 2023 11:54

Instrument :
BNA_G
ClientSampleId :
PB152934BS

Tgt Ion: 77 Resp: 2790
Ion Ratio Lower Upper
77 100
105 86.9 74.6 114.6
106 84.0 66.3 106.3

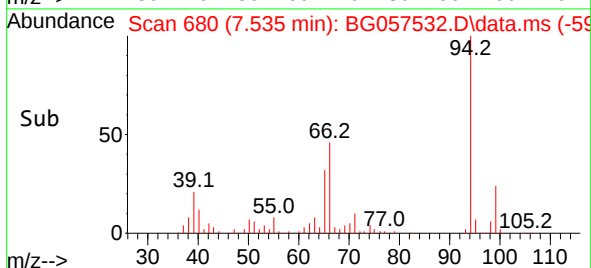
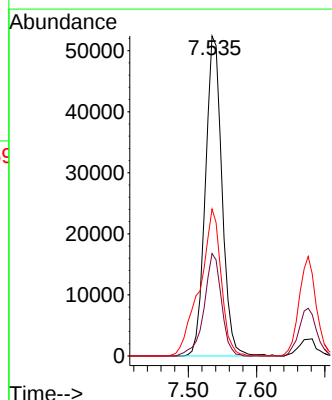
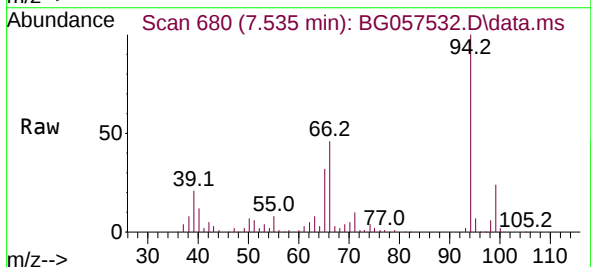
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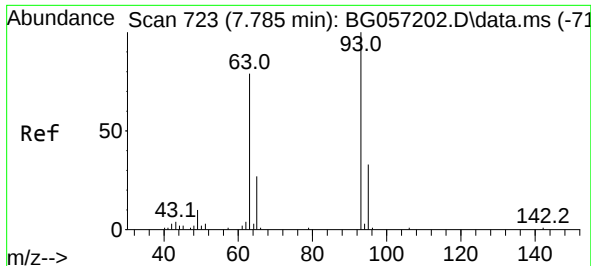
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#10
Phenol
Concen: 54.888 ng
RT: 7.535 min Scan# 680
Delta R.T. -0.003 min
Lab File: BG057532.D
Acq: 24 May 2023 11:54

Tgt Ion: 94 Resp: 88745
Ion Ratio Lower Upper
94 100
65 32.0 13.5 53.5
66 45.9 26.7 66.7





#11

bis(2-Chloroethyl)ether

Concen: 46.554 ng

RT: 7.764 min Scan# 719

Delta R.T. 0.003 min

Lab File: BG057532.D

Acq: 24 May 2023 11:54

Instrument :

BNA_G

ClientSampleId :

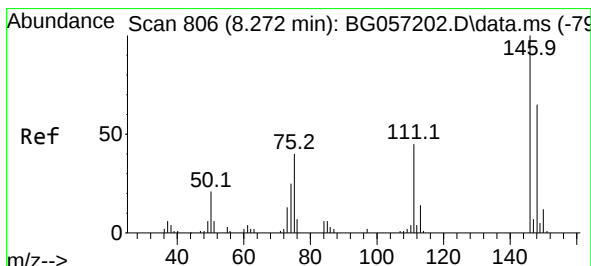
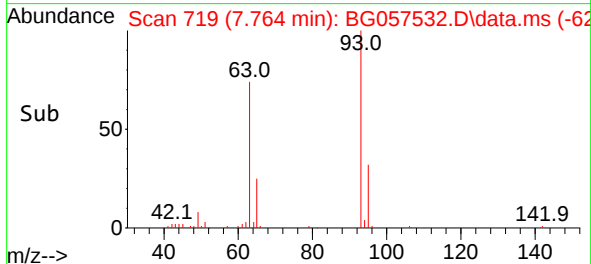
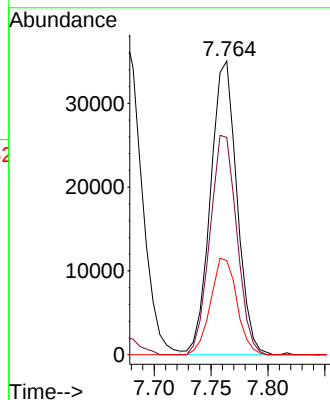
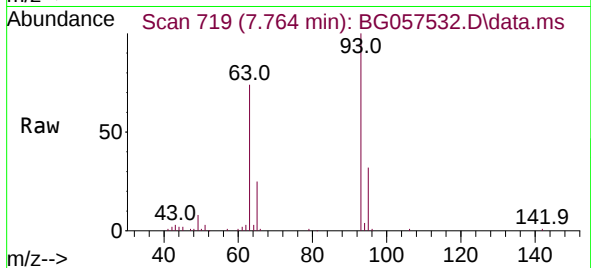
PB152934BS

Tgt Ion: 93	Resp: 5675
Ion Ratio	Lower Upper
93	100
63	74.0 58.6 98.6
95	32.1 12.2 52.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#12

1,3-Dichlorobenzene

Concen: 49.645 ng

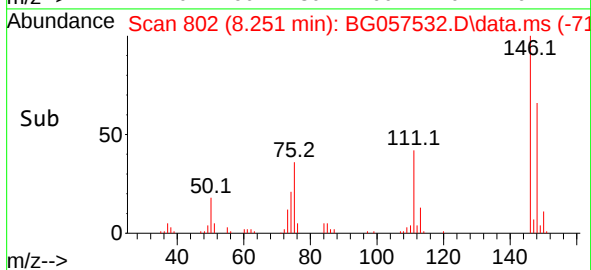
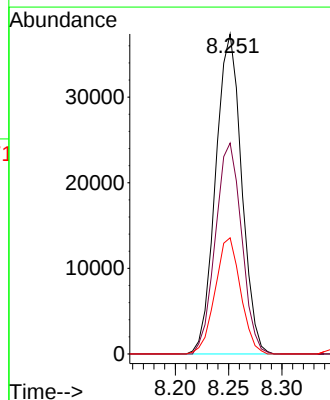
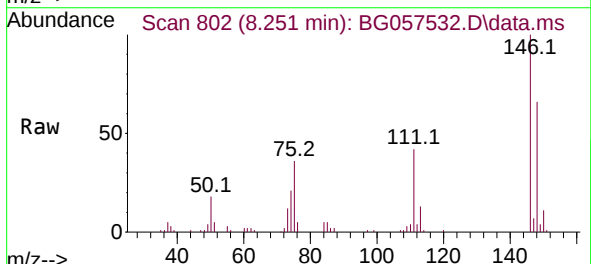
RT: 8.251 min Scan# 802

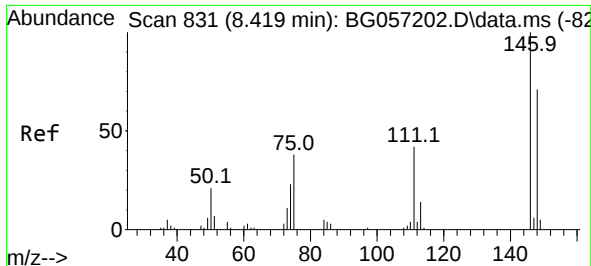
Delta R.T. -0.003 min

Lab File: BG057532.D

Acq: 24 May 2023 11:54

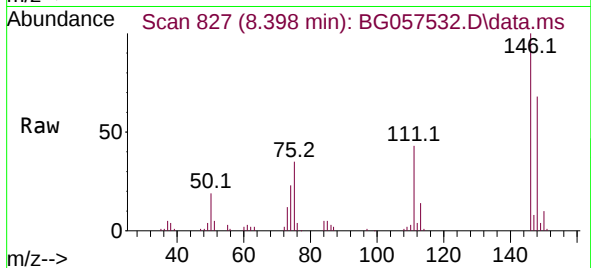
Tgt Ion:146	Resp: 63238
Ion Ratio	Lower Upper
146	100
148	65.9 52.2 78.2
75	36.3 31.7 47.5





#13
1,4-Dichlorobenzene
Concen: 50.768 ng
RT: 8.398 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG057532.D
Acq: 24 May 2023 11:54

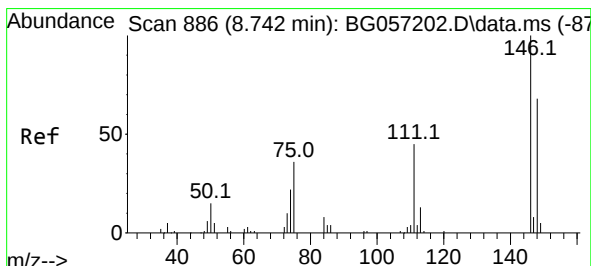
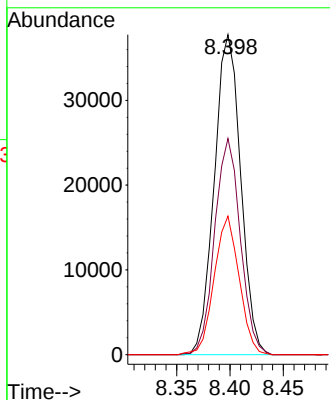
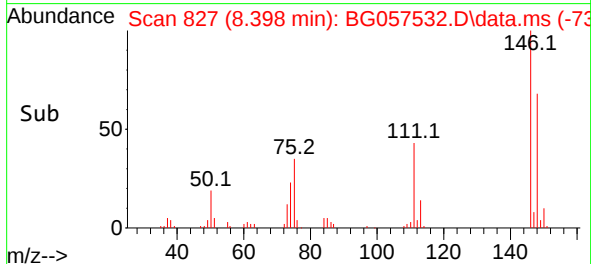
Instrument :
BNA_G
ClientSampleId :
PB152934BS



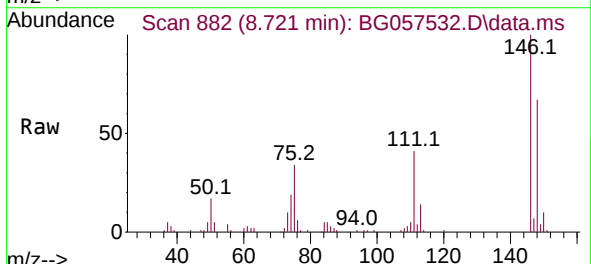
Tgt Ion:146 Resp: 64958
Ion Ratio Lower Upper
146 100
148 67.6 56.4 84.6
111 43.3 33.8 50.6

Manual Integrations
APPROVED

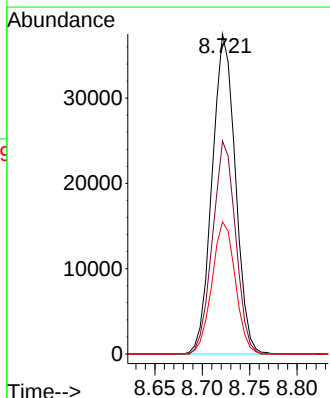
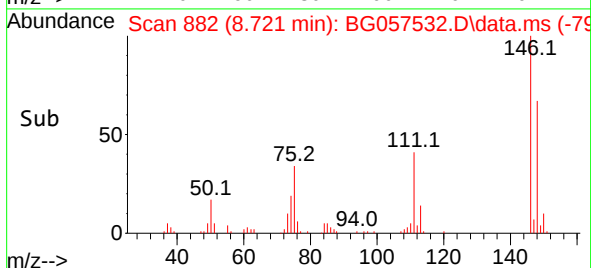
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

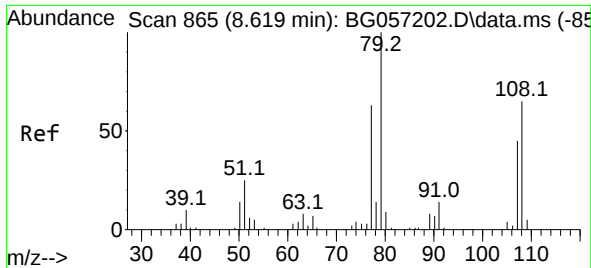


#14
1,2-Dichlorobenzene
Concen: 51.744 ng
RT: 8.721 min Scan# 882
Delta R.T. -0.003 min
Lab File: BG057532.D
Acq: 24 May 2023 11:54



Tgt Ion:146 Resp: 63914
Ion Ratio Lower Upper
146 100
148 66.5 54.6 82.0
111 41.3 37.2 55.8





#15
Benzyl Alcohol
Concen: 50.352 ng
RT: 8.598 min Scan# 80
Delta R.T. -0.003 min
Lab File: BG057532.D
Acq: 24 May 2023 11:54

Instrument :

BNA_G

ClientSampleId :

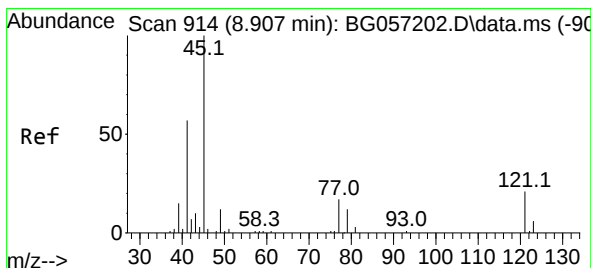
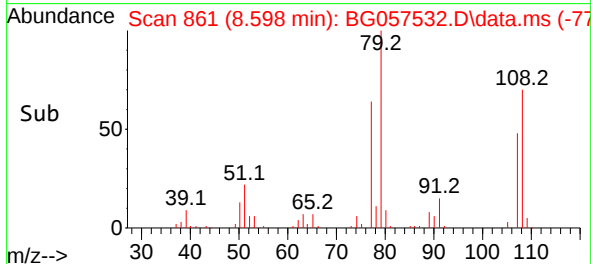
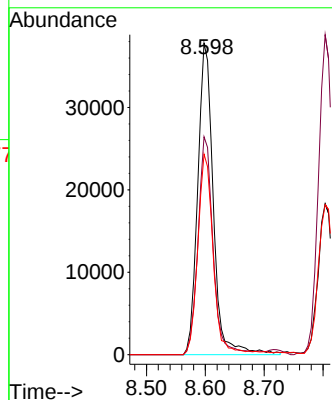
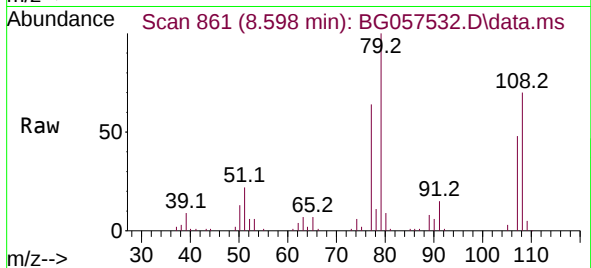
PB152934BS

Tgt Ion: 79 Resp: 69574
Ion Ratio Lower Upper
79 100
108 70.0 52.2 78.2
77 64.4 50.1 75.1

Manual Integrations

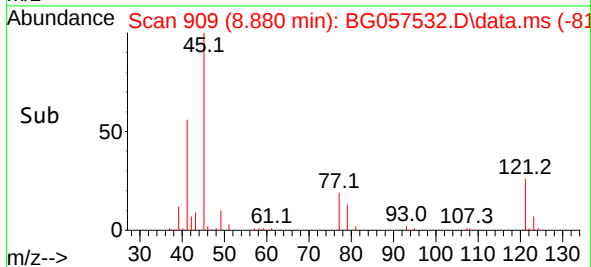
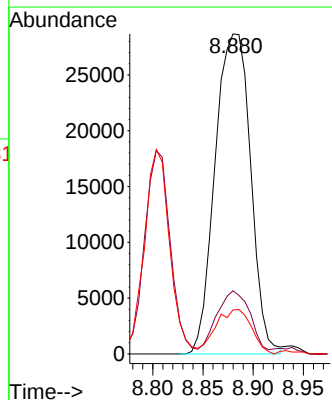
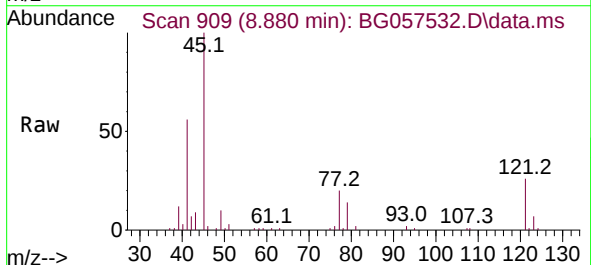
APPROVED

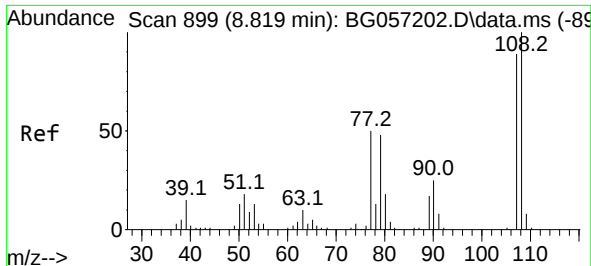
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.874 ng
RT: 8.880 min Scan# 909
Delta R.T. -0.003 min
Lab File: BG057532.D
Acq: 24 May 2023 11:54

Tgt Ion: 45 Resp: 70494
Ion Ratio Lower Upper
45 100
77 19.8 0.0 38.5
79 13.8 0.0 33.8





#17
2-Methylphenol
Concen: 52.606 ng
RT: 8.803 min Scan# 899
Delta R.T. -0.003 min
Lab File: BG057532.D
Acq: 24 May 2023 11:54

Instrument :

BNA_G

ClientSampleId :

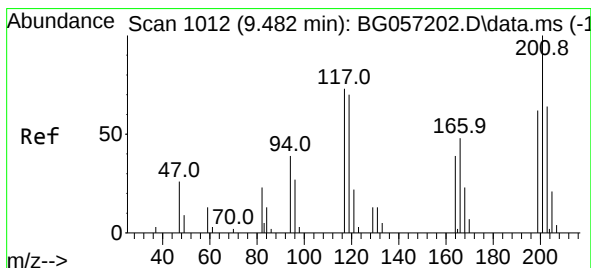
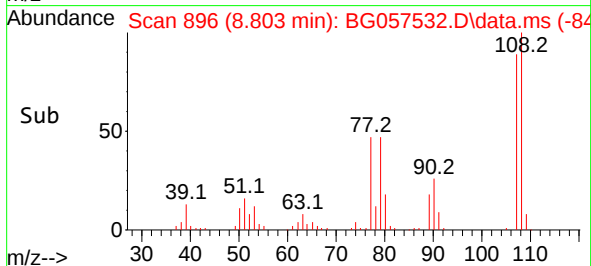
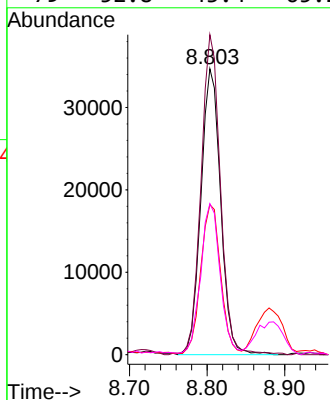
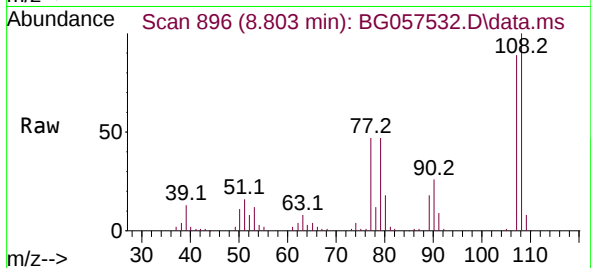
PB152934BS

Tgt Ion:107 Resp: 6131
Ion Ratio Lower Upper
107 100
108 111.9 89.5 134.3
77 52.5 45.1 67.7
79 52.8 43.4 65.2

Manual Integrations

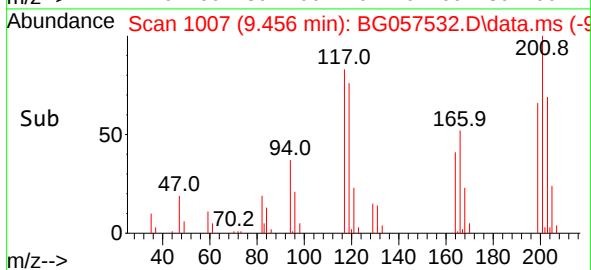
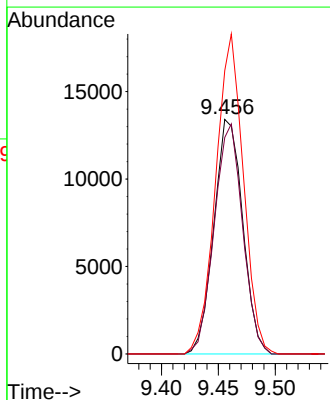
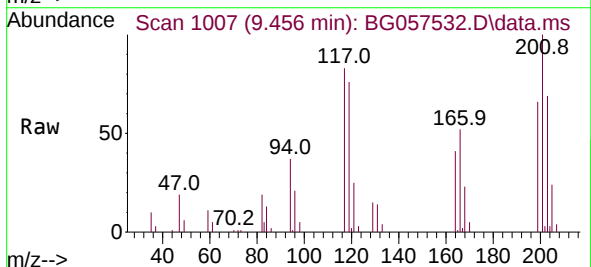
APPROVED

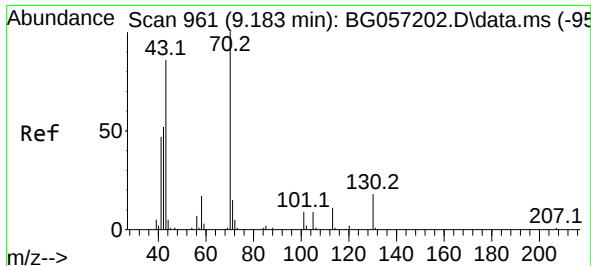
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#18
Hexachloroethane
Concen: 51.145 ng
RT: 9.456 min Scan# 1007
Delta R.T. -0.003 min
Lab File: BG057532.D
Acq: 24 May 2023 11:54

Tgt Ion:117 Resp: 23616
Ion Ratio Lower Upper
117 100
119 92.3 76.7 115.1
201 120.8 109.0 163.4





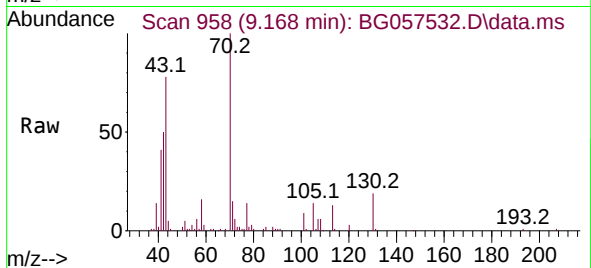
#19
n-Nitroso-di-n-propylamine
Concen: 44.386 ng
RT: 9.168 min Scan# 91
Delta R.T. 0.003 min
Lab File: BG057532.D
Acq: 24 May 2023 11:54

Instrument :

BNA_G

ClientSampleId :

PB152934BS

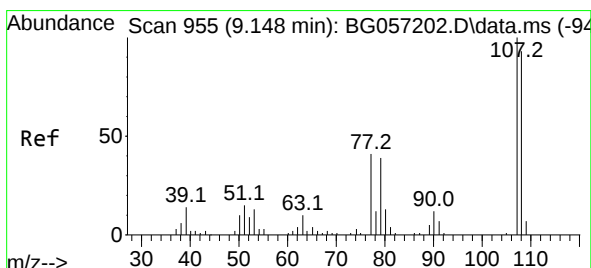
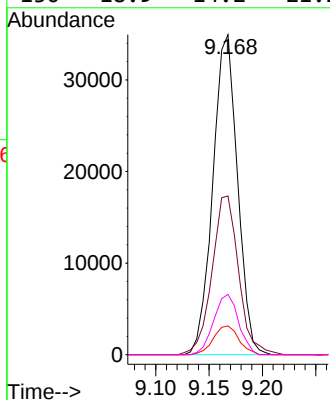
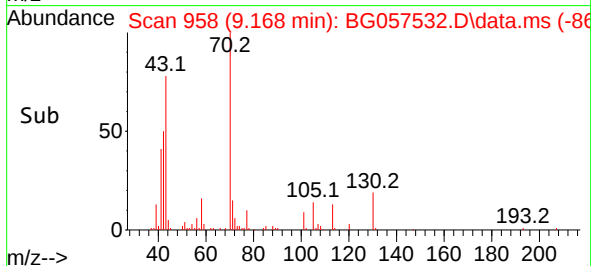


Tgt Ion: 70 Resp: 56130
Ion Ratio Lower Upper
70 100
42 49.6 41.8 62.8
101 9.0 6.8 10.2
130 18.9 14.2 21.2

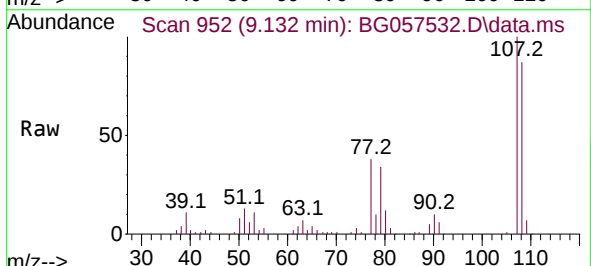
Manual Integrations

APPROVED

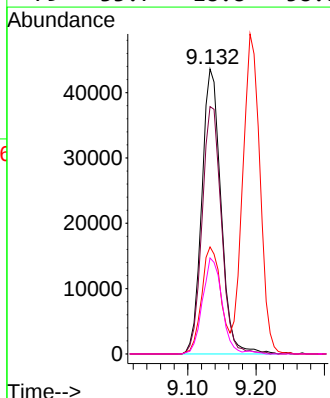
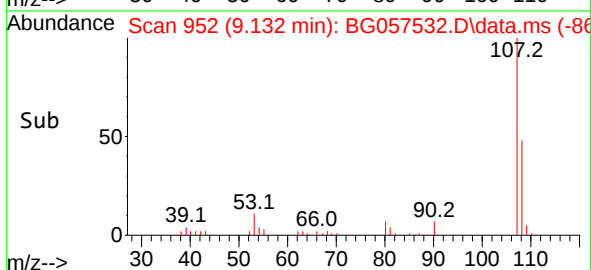
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

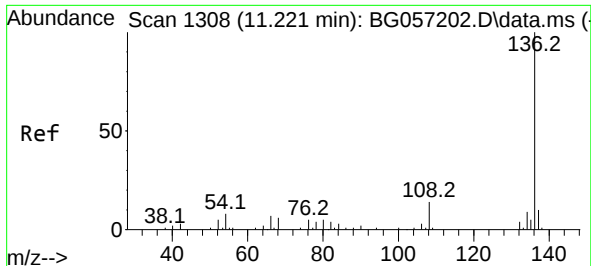


#20
3+4-Methylphenols
Concen: 53.467 ng
RT: 9.132 min Scan# 952
Delta R.T. -0.003 min
Lab File: BG057532.D
Acq: 24 May 2023 11:54



Tgt Ion:107 Resp: 85329
Ion Ratio Lower Upper
107 100
108 86.8 73.5 113.5
77 37.6 21.1 61.1
79 33.7 18.8 58.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.200 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG057532.D
Acq: 24 May 2023 11:54

Instrument :

BNA_G

ClientSampleId :

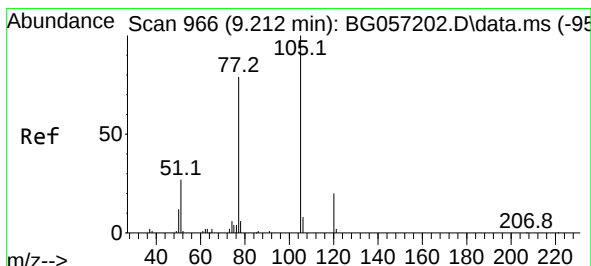
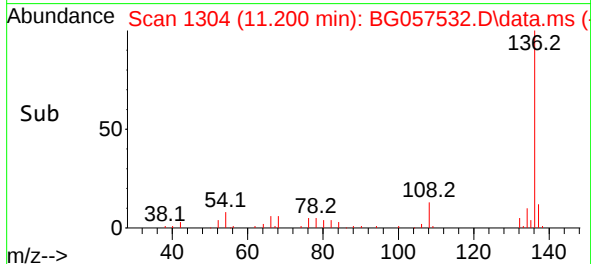
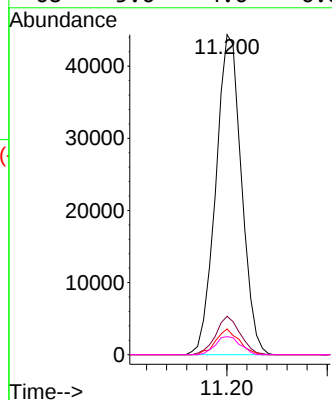
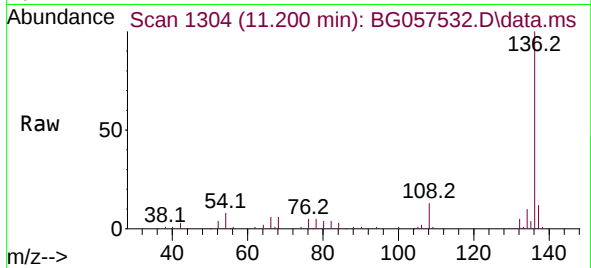
PB152934BS

Tgt Ion:136 Resp: 78678
Ion Ratio Lower Upper
136 100
137 12.0 8.3 12.5
54 8.1 6.7 10.1
68 5.6 4.6 6.8

Manual Integrations

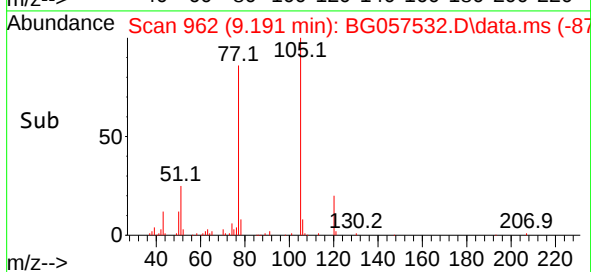
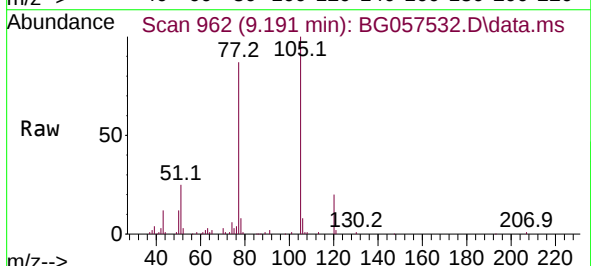
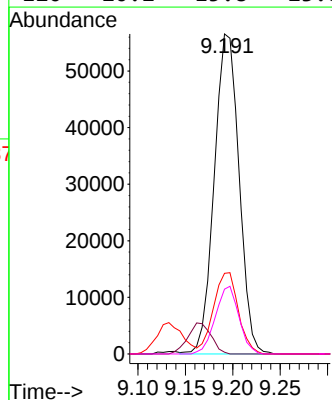
APPROVED

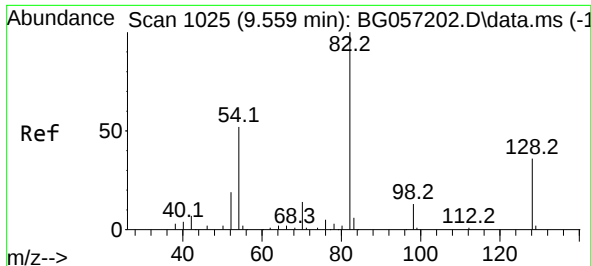
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#22
Acetophenone
Concen: 45.667 ng
RT: 9.191 min Scan# 962
Delta R.T. -0.003 min
Lab File: BG057532.D
Acq: 24 May 2023 11:54

Tgt Ion:105 Resp: 102836
Ion Ratio Lower Upper
105 100
71 0.5 0.4 0.6
51 25.2 24.0 36.0
120 20.2 15.8 23.8





#23

Nitrobenzene-d5

Concen: 87.055 ng

RT: 9.544 min Scan# 1022

Delta R.T. -0.003 min

Lab File: BG057532.D

Acq: 24 May 2023 11:54

Instrument :

BNA_G

ClientSampleId :

PB152934BS

Tgt Ion: 82 Resp: 16319

Ion Ratio Lower Upper

82 100

128 39.1 29.0 43.4

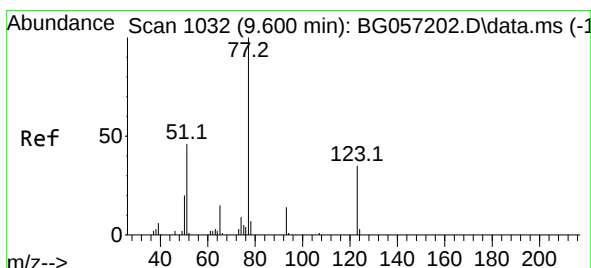
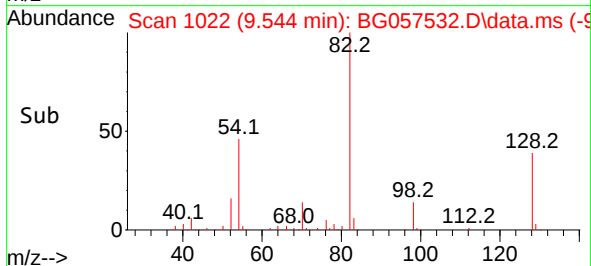
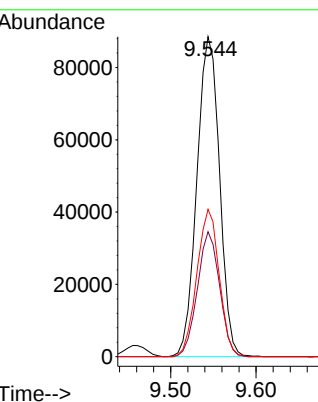
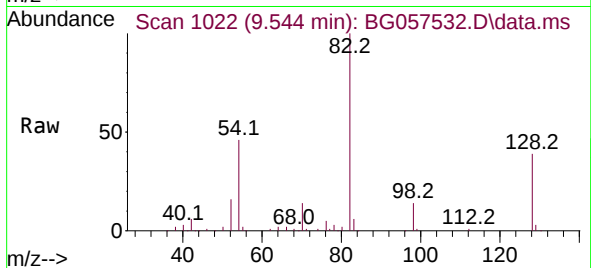
54 46.1 41.4 62.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/25/2023

Supervised By :Jagrut Upadhyay 05/25/2023



#24

Nitrobenzene

Concen: 43.407 ng

RT: 9.585 min Scan# 1029

Delta R.T. -0.003 min

Lab File: BG057532.D

Acq: 24 May 2023 11:54

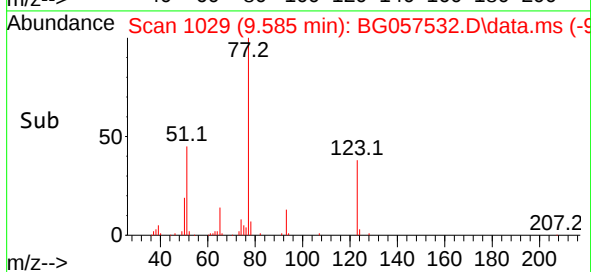
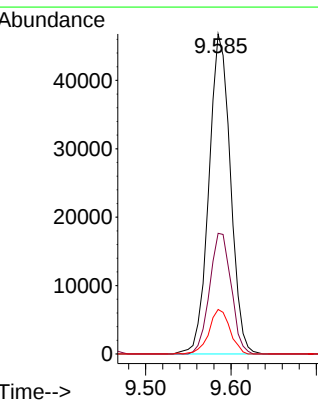
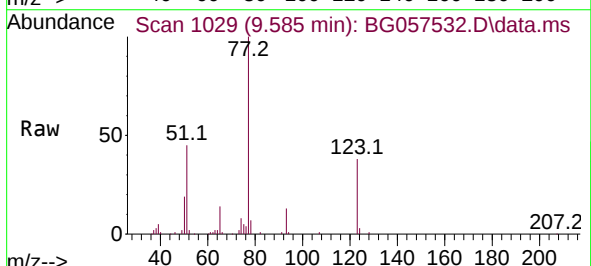
Tgt Ion: 77 Resp: 82128

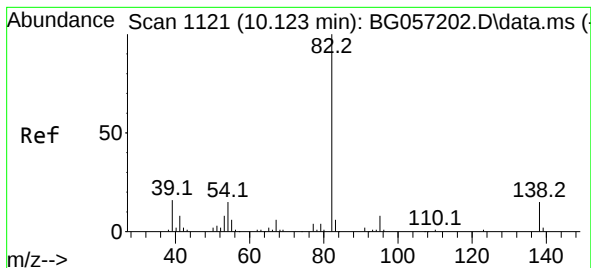
Ion Ratio Lower Upper

77 100

123 37.7 28.2 42.2

65 13.9 11.7 17.5





#25

Isophorone

Concen: 42.830 ng

RT: 10.108 min Scan# 1118

Delta R.T. 0.003 min

Lab File: BG057532.D

Acq: 24 May 2023 11:54

Instrument :

BNA_G

ClientSampleId :

PB152934BS

Tgt Ion: 82 Resp: 155689

Ion Ratio Lower Upper

82 100

95 8.2 6.4 9.6

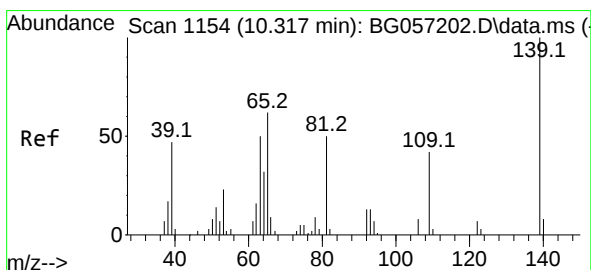
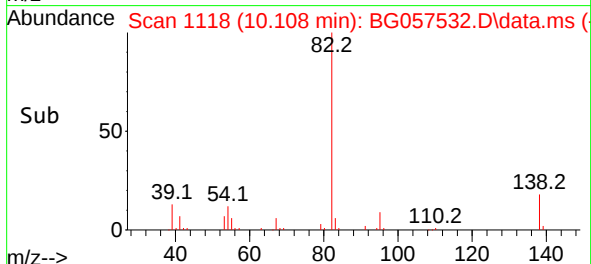
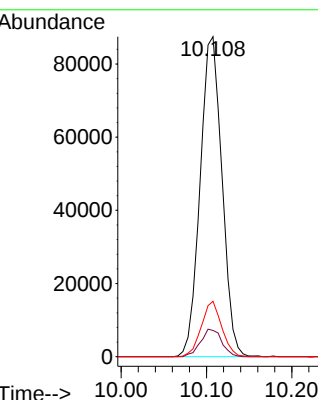
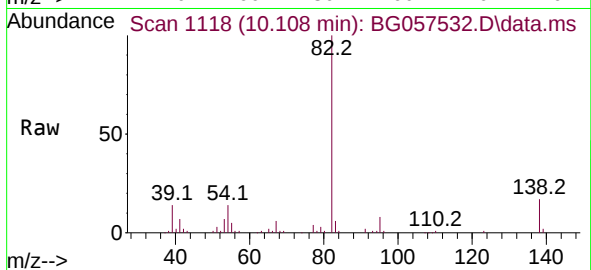
138 17.3 12.3 18.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/25/2023

Supervised By :Jagrut Upadhyay 05/25/2023



#26

2-Nitrophenol

Concen: 51.802 ng

RT: 10.307 min Scan# 1152

Delta R.T. 0.003 min

Lab File: BG057532.D

Acq: 24 May 2023 11:54

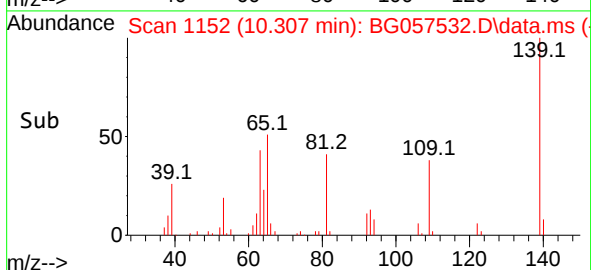
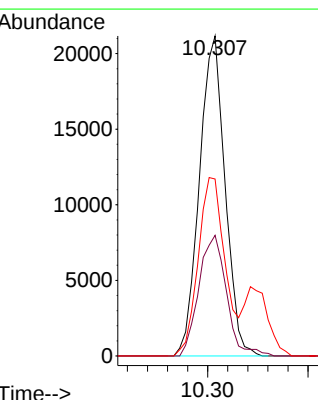
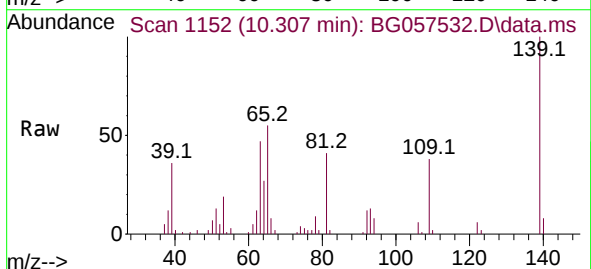
Tgt Ion:139 Resp: 37517

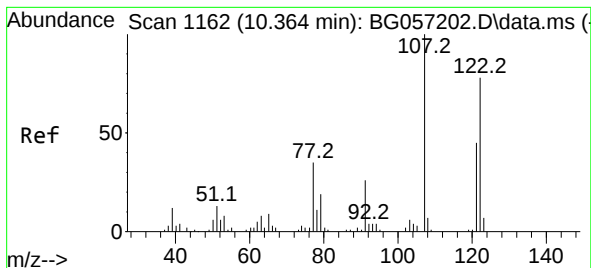
Ion Ratio Lower Upper

139 100

109 37.7 33.4 50.2

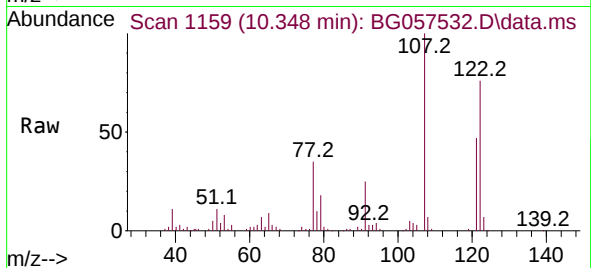
65 55.3 49.8 74.6





#27
2,4-Dimethylphenol
Concen: 55.081 ng
RT: 10.348 min Scan# 1159
Delta R.T. 0.003 min
Lab File: BG057532.D
Acq: 24 May 2023 11:54

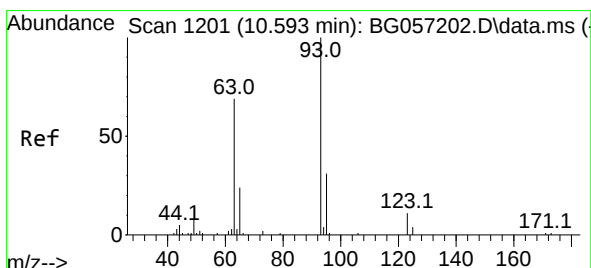
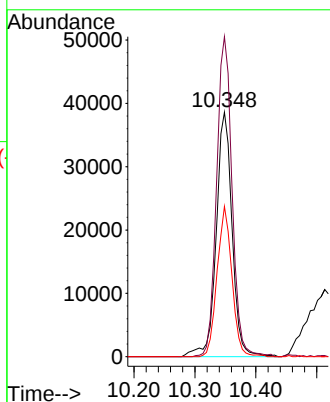
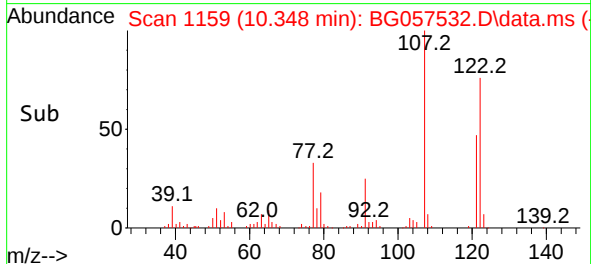
Instrument :
BNA_G
ClientSampleId :
PB152934BS



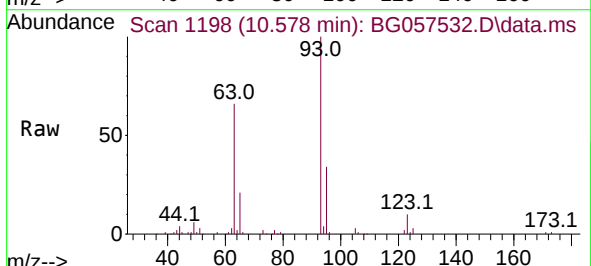
Tgt Ion:122 Resp: 6985
Ion Ratio Lower Upper
122 100
107 130.9 103.0 154.4
121 61.4 45.9 68.9

Manual Integrations
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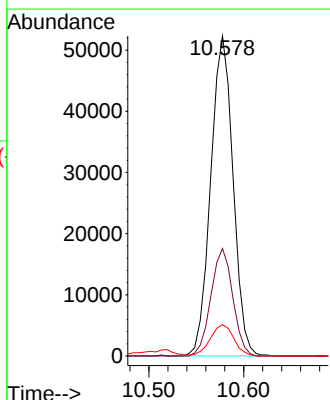
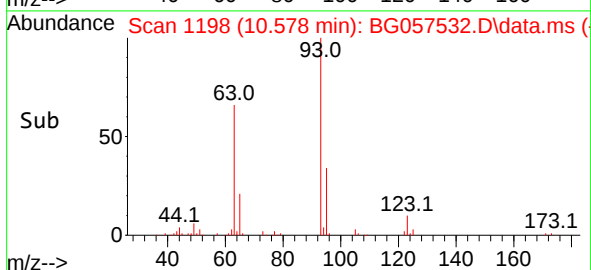
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

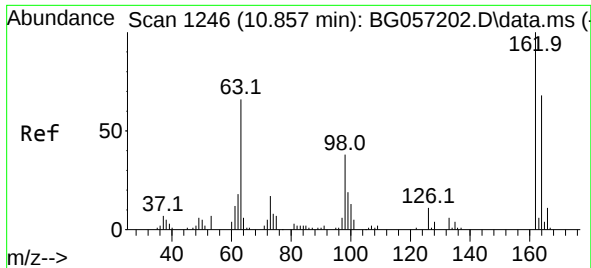


#28
bis(2-Chloroethoxy)methane
Concen: 46.996 ng
RT: 10.578 min Scan# 1198
Delta R.T. -0.003 min
Lab File: BG057532.D
Acq: 24 May 2023 11:54



Tgt Ion: 93 Resp: 85583
Ion Ratio Lower Upper
93 100
95 33.6 25.0 37.6
123 9.8 8.5 12.7





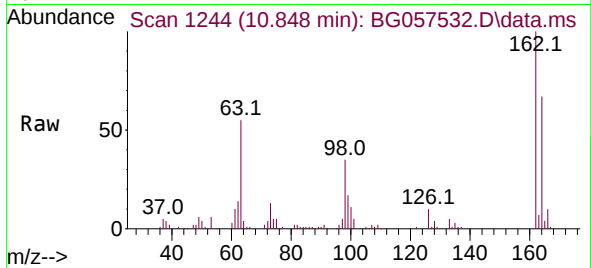
#29
2,4-Dichlorophenol
Concen: 56.293 ng
RT: 10.848 min Scan# 1244
Delta R.T. -0.003 min
Lab File: BG057532.D
Acq: 24 May 2023 11:54

Instrument :

BNA_G

ClientSampleId :

PB152934BS

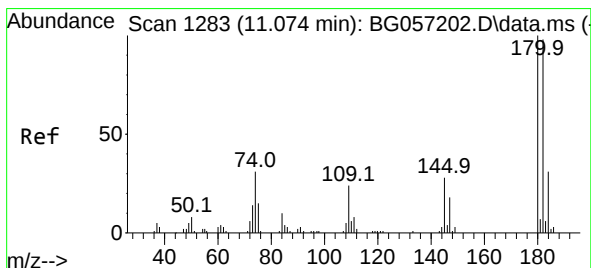
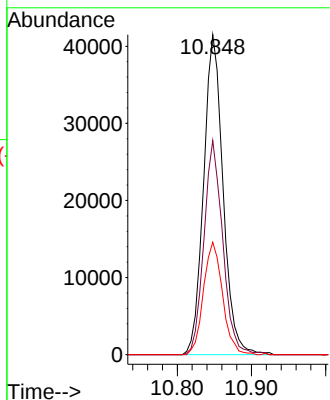
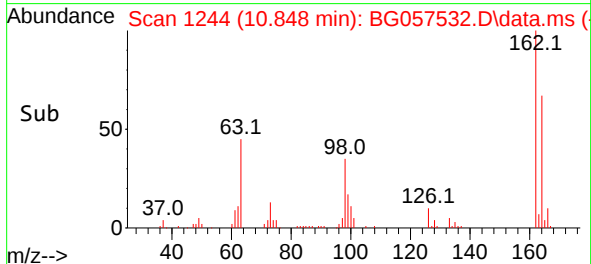


Tgt Ion:162 Resp: 75710
Ion Ratio Lower Upper
162 100
164 66.9 48.4 88.4
98 35.1 17.6 57.6

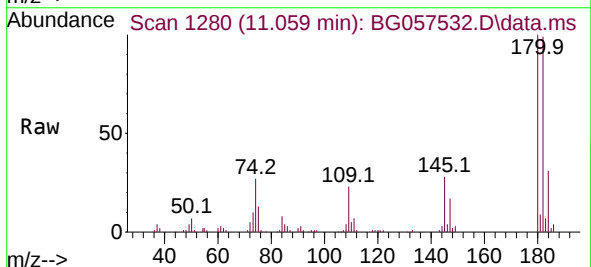
Manual Integrations

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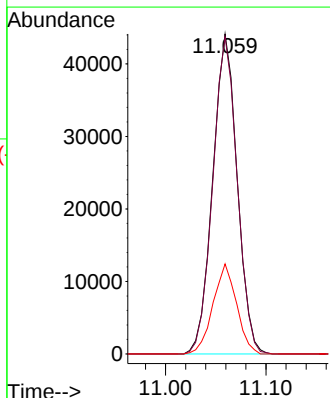
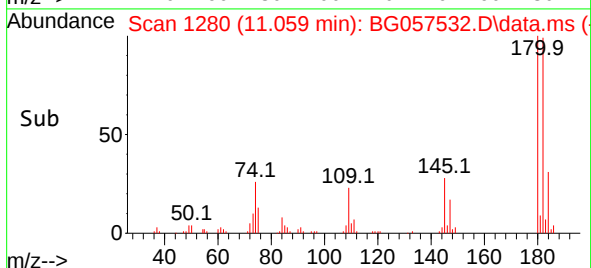
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

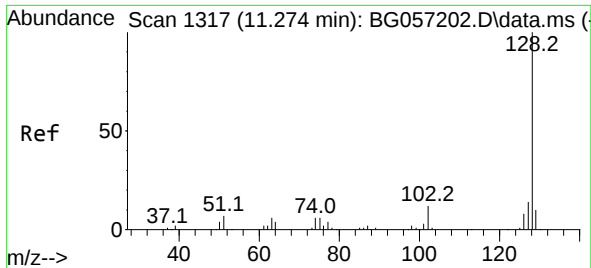


#30
1,2,4-Trichlorobenzene
Concen: 48.082 ng
RT: 11.059 min Scan# 1280
Delta R.T. -0.003 min
Lab File: BG057532.D
Acq: 24 May 2023 11:54



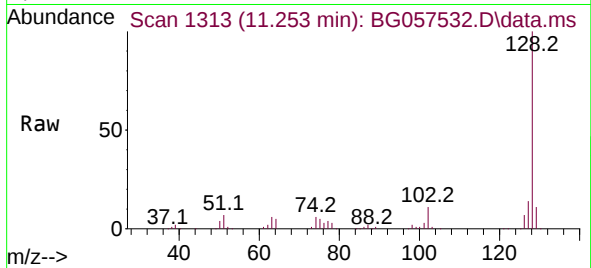
Tgt Ion:180 Resp: 74593
Ion Ratio Lower Upper
180 100
182 99.1 78.0 117.0
145 28.2 22.4 33.6





#31
Naphthalene
Concen: 47.611 ng
RT: 11.253 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG057532.D
Acq: 24 May 2023 11:54

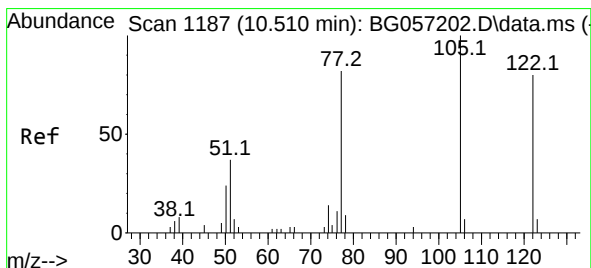
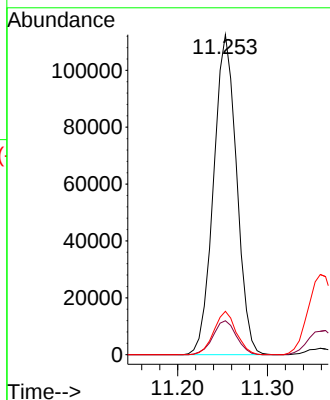
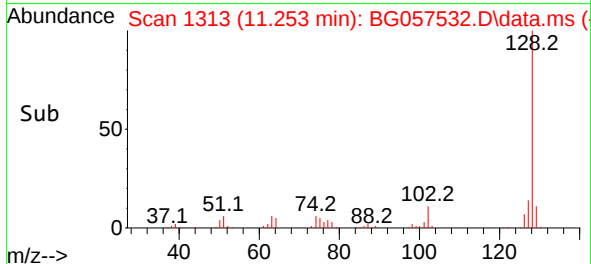
Instrument :
BNA_G
ClientSampleId :
PB152934BS



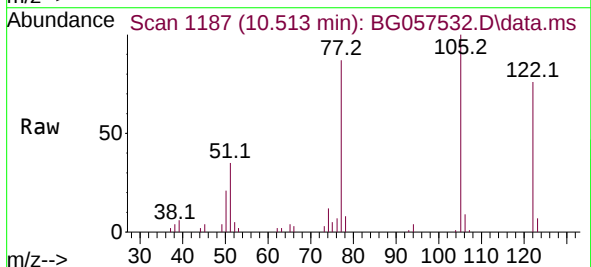
Tgt Ion:128 Resp: 20026
Ion Ratio Lower Upper
128 100
129 10.6 8.3 12.5
127 13.5 11.1 16.7

Manual Integrations
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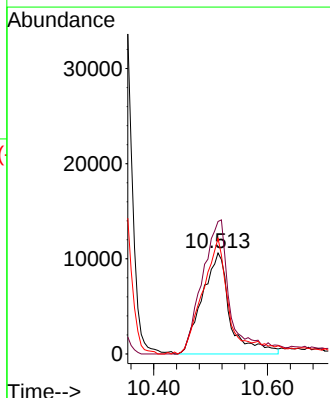
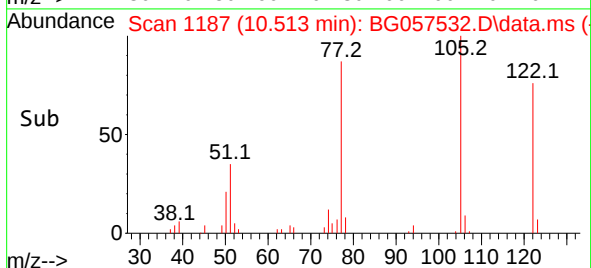
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

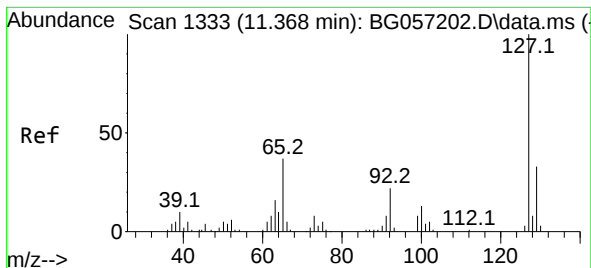


#32
Benzoic acid
Concen: 49.298 ng
RT: 10.513 min Scan# 1187
Delta R.T. 0.009 min
Lab File: BG057532.D
Acq: 24 May 2023 11:54



Tgt Ion:122 Resp: 36154
Ion Ratio Lower Upper
122 100
105 131.2 105.2 145.2
77 114.4 83.1 123.1





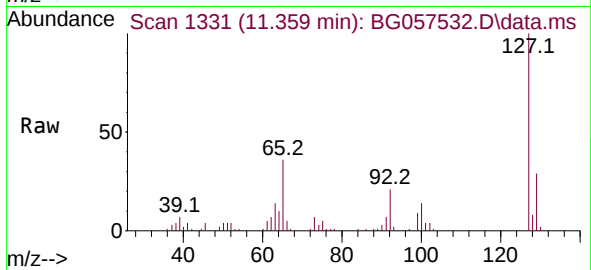
#33
4-Chloroaniline
Concen: 33.929 ng
RT: 11.359 min Scan# 1133
Delta R.T. 0.003 min
Lab File: BG057532.D
Acq: 24 May 2023 11:54

Instrument :

BNA_G

ClientSampleId :

PB152934BS

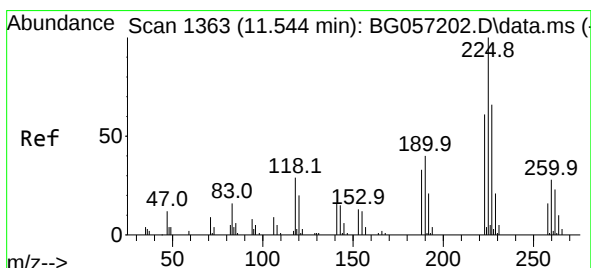
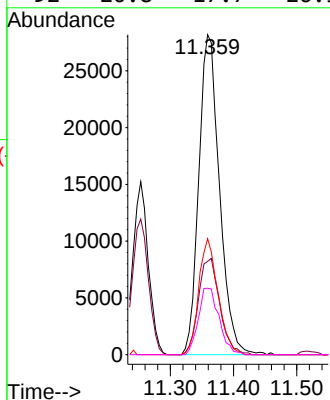
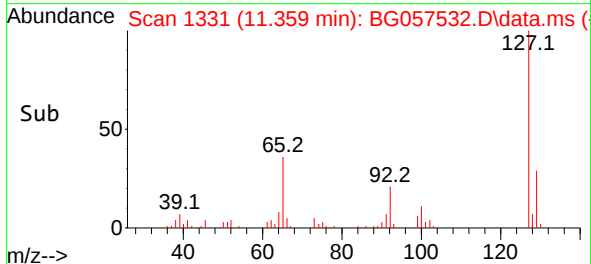


Tgt Ion:127 Resp: 64090
Ion Ratio Lower Upper
127 100
129 29.1 26.7 40.1
65 36.2 29.7 44.5
92 20.8 17.7 26.5

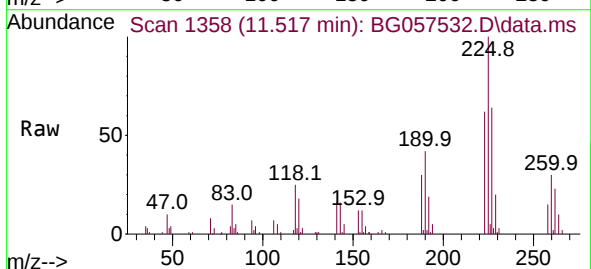
Manual Integrations

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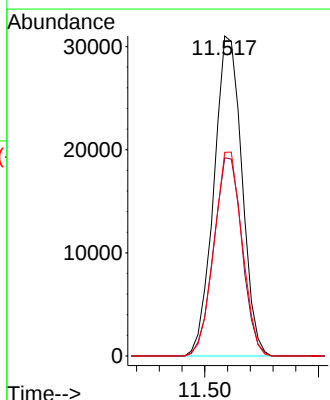
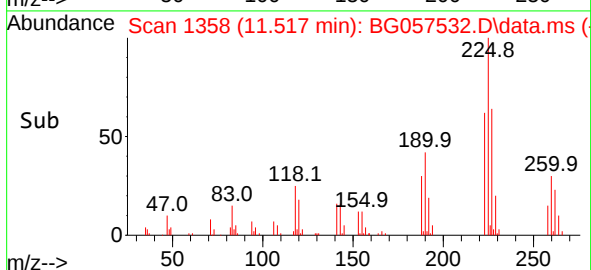
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

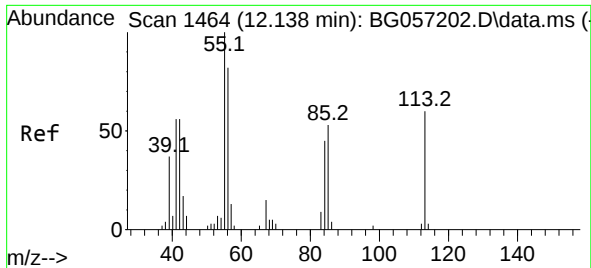


#34
Hexachlorobutadiene
Concen: 46.120 ng
RT: 11.517 min Scan# 1358
Delta R.T. -0.003 min
Lab File: BG057532.D
Acq: 24 May 2023 11:54



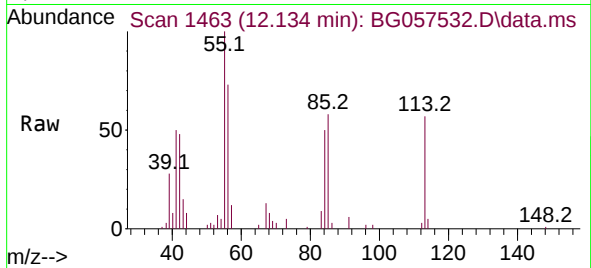
Tgt Ion:225 Resp: 53091
Ion Ratio Lower Upper
225 100
223 61.9 48.6 72.8
227 63.7 52.7 79.1





#35
Caprolactam
Concen: 55.114 ng m
RT: 12.134 min Scan# 1464
Delta R.T. -0.003 min
Lab File: BG057532.D
Acq: 24 May 2023 11:54

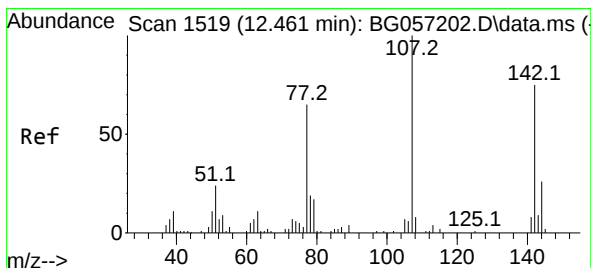
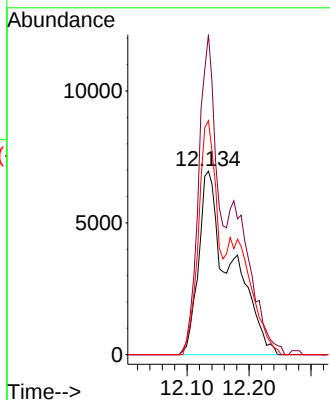
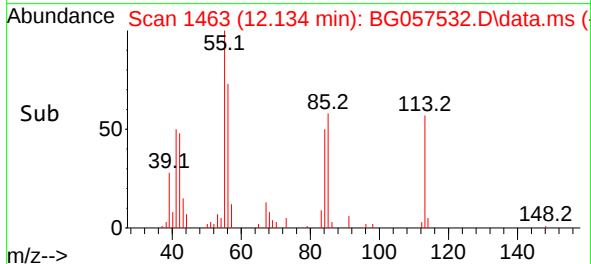
Instrument :
BNA_G
ClientSampleId :
PB152934BS



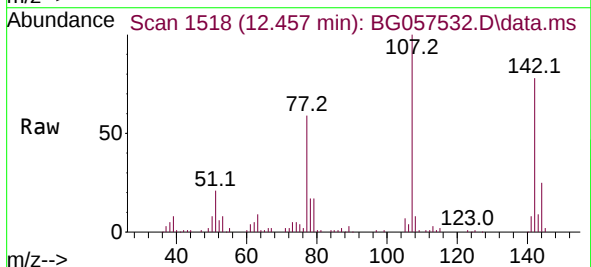
Tgt Ion:113 Resp: 2532
Ion Ratio Lower Upper
113 100
55 174.3 145.5 185.5
56 127.5 115.9 155.9

Manual Integrations
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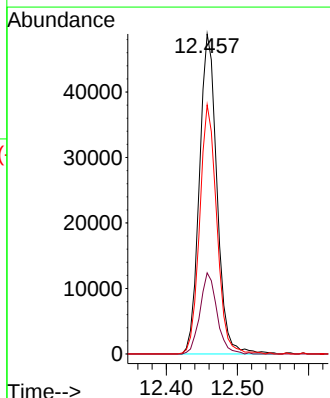
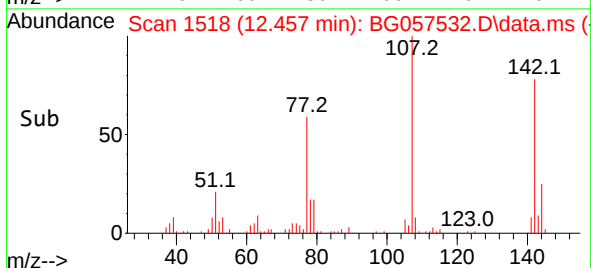
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

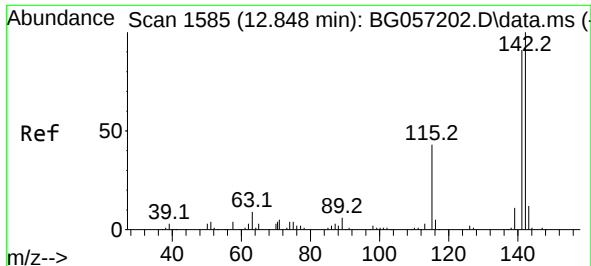


#36
4-Chloro-3-methylphenol
Concen: 54.975 ng
RT: 12.457 min Scan# 1518
Delta R.T. 0.003 min
Lab File: BG057532.D
Acq: 24 May 2023 11:54



Tgt Ion:107 Resp: 84031
Ion Ratio Lower Upper
107 100
144 25.3 21.0 31.6
142 77.8 60.0 90.0





#37

2-Methylnaphthalene

Concen: 47.601 ng

RT: 12.833 min Scan# 1

Delta R.T. 0.003 min

Lab File: BG057532.D

Acq: 24 May 2023 11:54

Instrument :

BNA_G

ClientSampleId :

PB152934BS

Tgt Ion:142 Resp: 15742

Ion Ratio Lower Upper

142 100

141 87.3 73.1 109.7

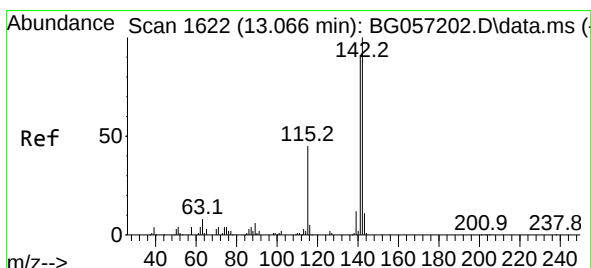
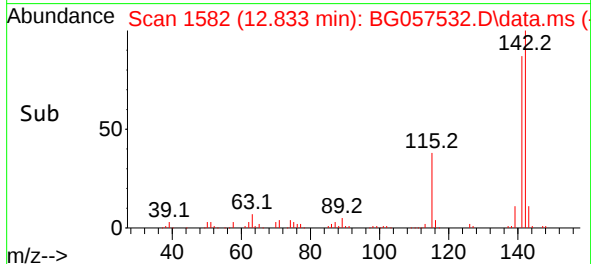
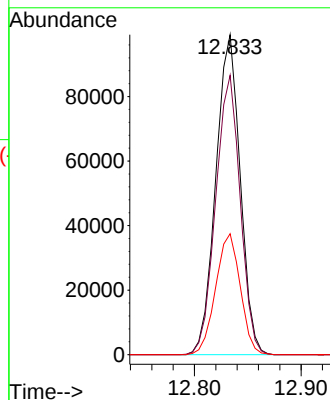
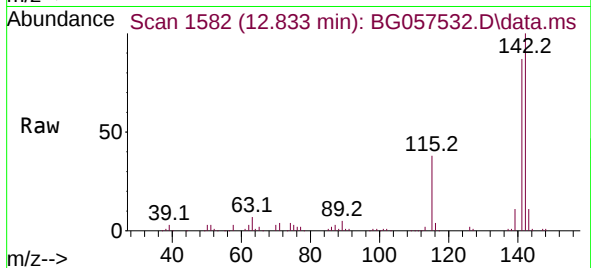
115 37.8 34.6 52.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/25/2023

Supervised By :Jagrut Upadhyay 05/25/2023



#38

1-Methylnaphthalene

Concen: 47.543 ng

RT: 13.051 min Scan# 1619

Delta R.T. 0.003 min

Lab File: BG057532.D

Acq: 24 May 2023 11:54

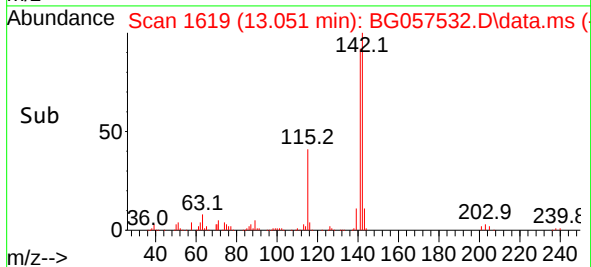
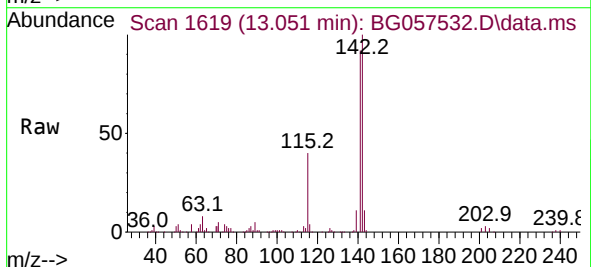
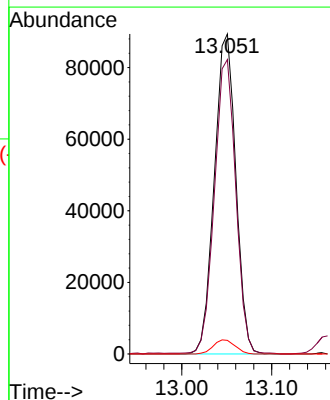
Tgt Ion:142 Resp: 148198

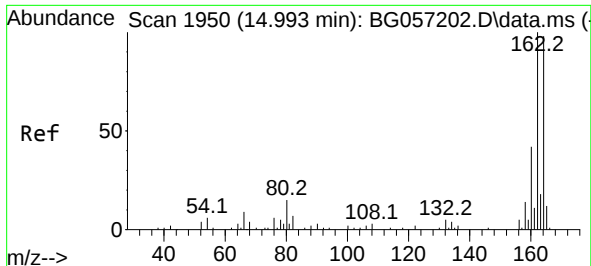
Ion Ratio Lower Upper

142 100

141 92.0 72.5 108.7

116 4.3 3.7 5.5





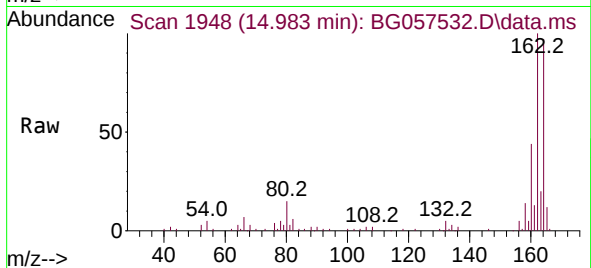
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.983 min Scan# 14983
Delta R.T. 0.003 min
Lab File: BG057532.D
Acq: 24 May 2023 11:54

Instrument :

BNA_G

ClientSampleId :

PB152934BS

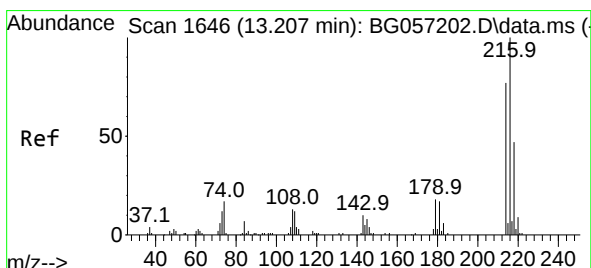
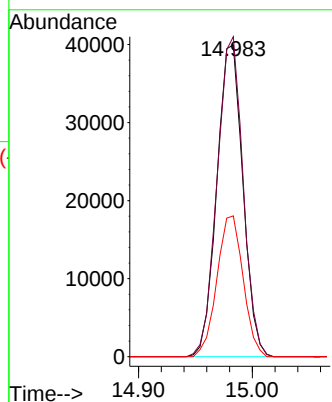
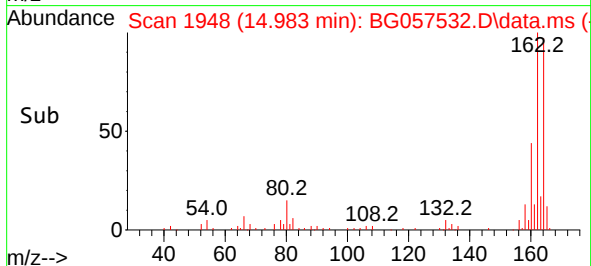


Tgt Ion:164 Resp: 63588
Ion Ratio Lower Upper
164 100
162 102.7 81.8 122.6
160 45.2 34.6 52.0

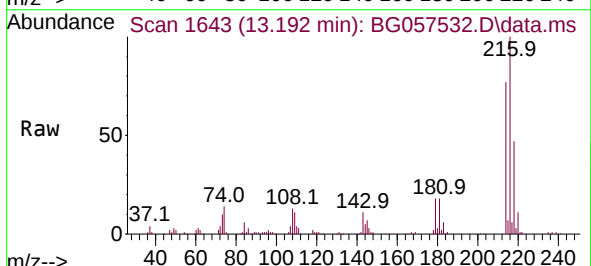
Manual Integrations

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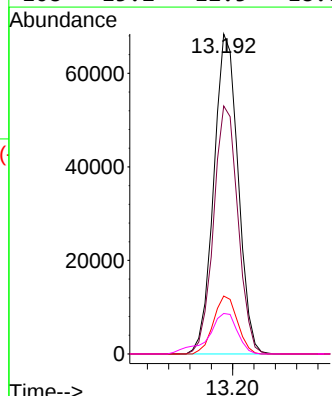
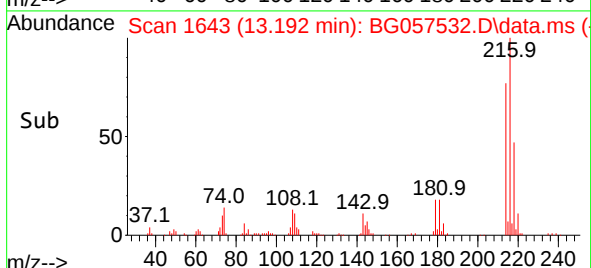
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

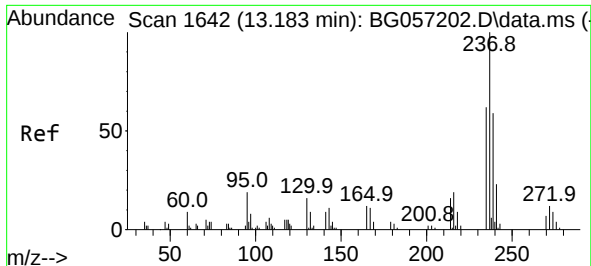


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.807 ng
RT: 13.192 min Scan# 1643
Delta R.T. -0.003 min
Lab File: BG057532.D
Acq: 24 May 2023 11:54



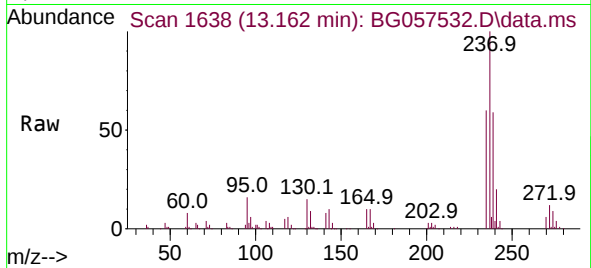
Tgt Ion:216 Resp: 107921
Ion Ratio Lower Upper
216 100
214 77.7 63.7 95.5
179 17.9 14.6 22.0
108 15.2 12.5 18.7





#41
Hexachlorocyclopentadiene
Concen: 86.436 ng
RT: 13.162 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG057532.D
Acq: 24 May 2023 11:54

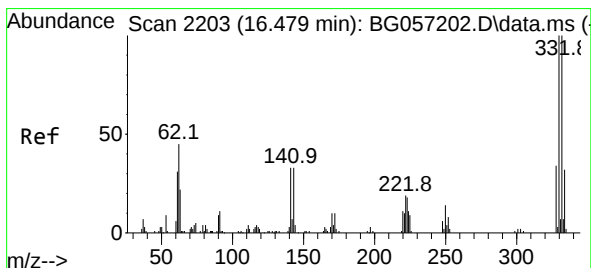
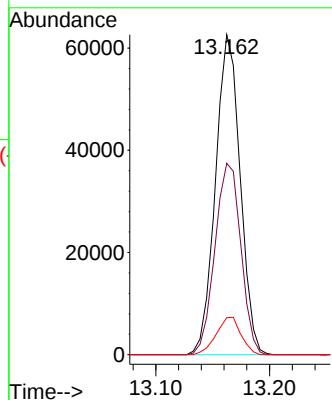
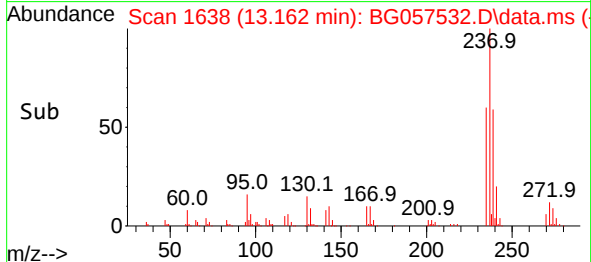
Instrument :
BNA_G
ClientSampleId :
PB152934BS



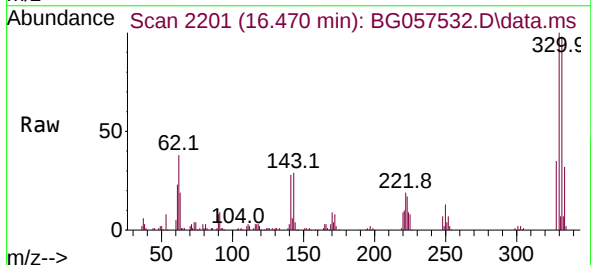
Tgt Ion:237 Resp: 94380
Ion Ratio Lower Upper
237 100
235 59.8 42.0 82.0
272 11.5 0.0 31.5

Manual Integrations
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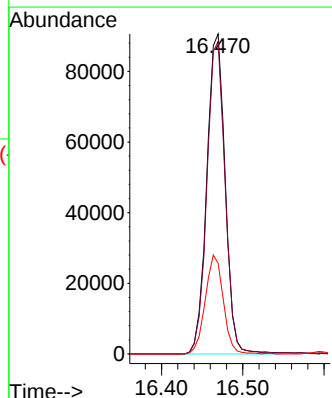
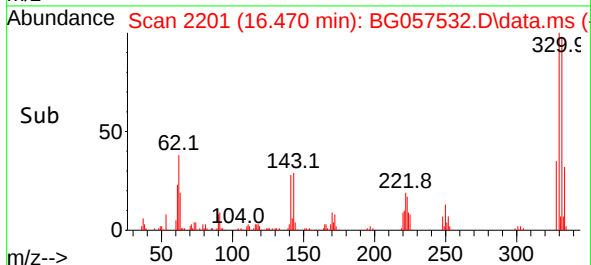
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

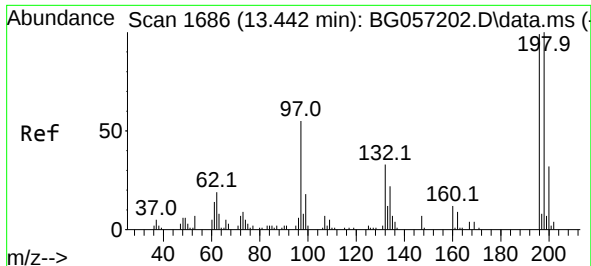


#42
2,4,6-Tribromophenol
Concen: 157.540 ng
RT: 16.470 min Scan# 2201
Delta R.T. 0.003 min
Lab File: BG057532.D
Acq: 24 May 2023 11:54



Tgt Ion:330 Resp: 142140
Ion Ratio Lower Upper
330 100
332 96.6 78.2 117.2
141 30.4 27.8 41.8





#43
2,4,6-Trichlorophenol
Concen: 51.700 ng
RT: 13.427 min Scan# 1686
Delta R.T. -0.003 min
Lab File: BG057532.D
Acq: 24 May 2023 11:54

Instrument :

BNA_G

ClientSampleId :

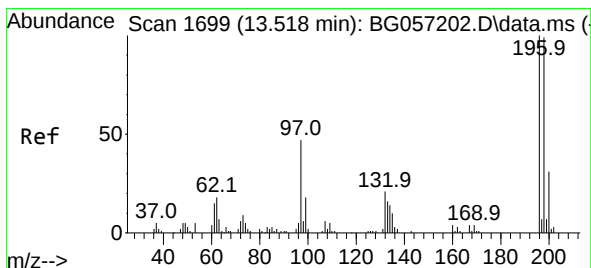
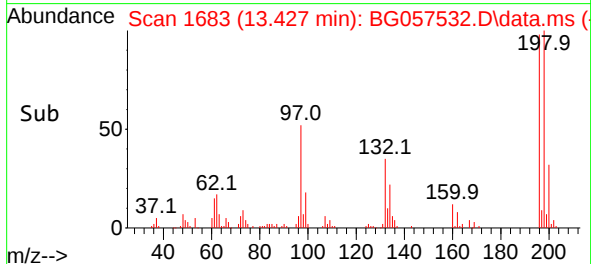
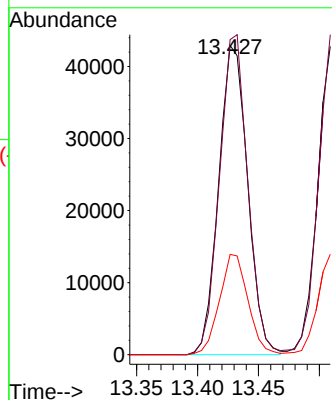
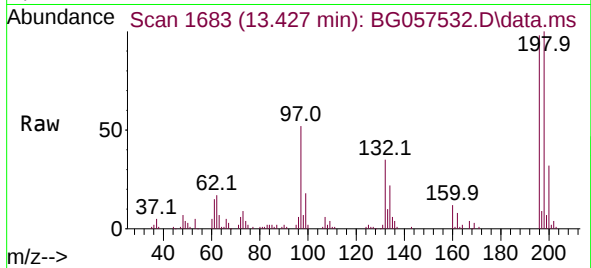
PB152934BS

Tgt Ion:196 Resp: 7110
Ion Ratio Lower Upper
196 100
198 101.9 81.2 121.8
200 32.5 26.3 39.5

Manual Integrations

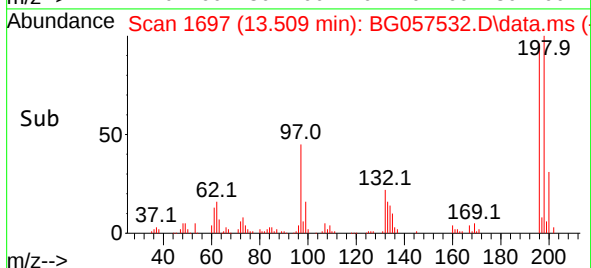
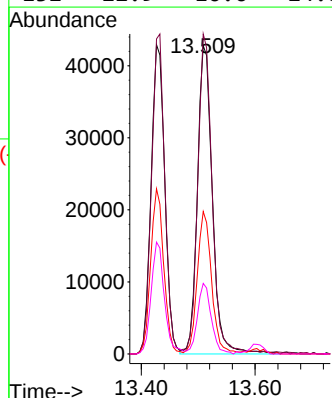
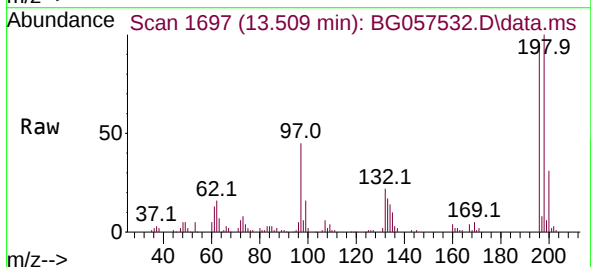
APPROVED

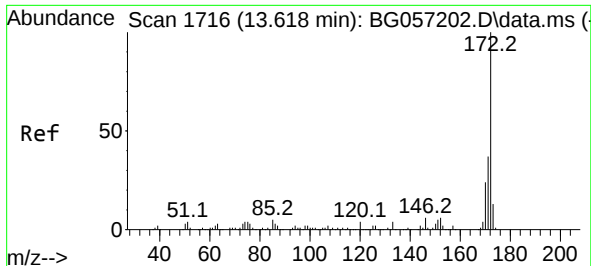
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#44
2,4,5-Trichlorophenol
Concen: 48.688 ng
RT: 13.509 min Scan# 1697
Delta R.T. -0.003 min
Lab File: BG057532.D
Acq: 24 May 2023 11:54

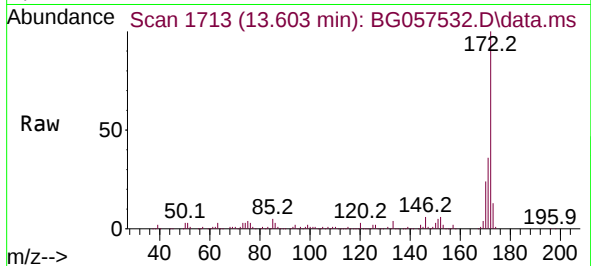
Tgt Ion:196 Resp: 78765
Ion Ratio Lower Upper
196 100
198 103.8 79.4 119.2
97 46.2 37.0 55.4
132 22.9 16.6 24.8





#45
2-Fluorobiphenyl
Concen: 92.914 ng
RT: 13.603 min Scan# 1713
Delta R.T. -0.003 min
Lab File: BG057532.D
Acq: 24 May 2023 11:54

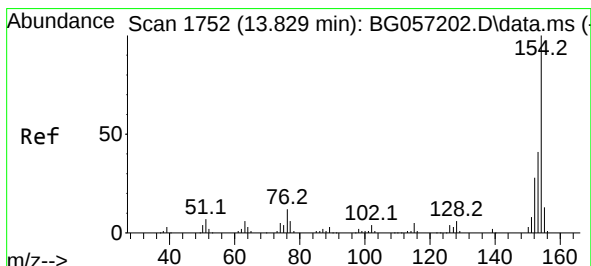
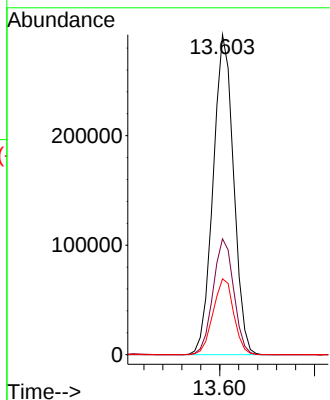
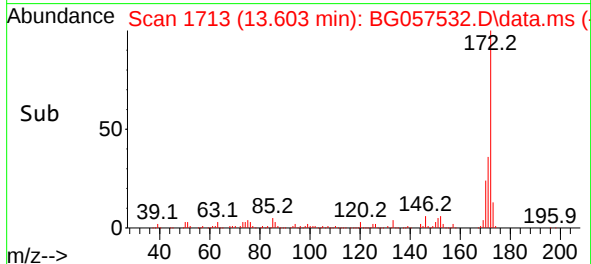
Instrument :
BNA_G
ClientSampleId :
PB152934BS



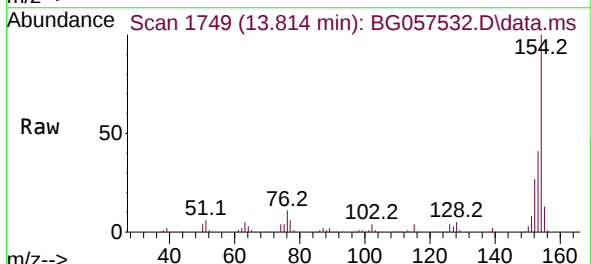
Tgt Ion:172 Resp: 438680
Ion Ratio Lower Upper
172 100
171 36.2 29.4 44.0
170 23.7 19.0 28.6

Manual Integrations
APPROVED

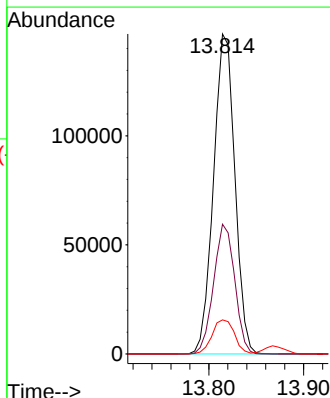
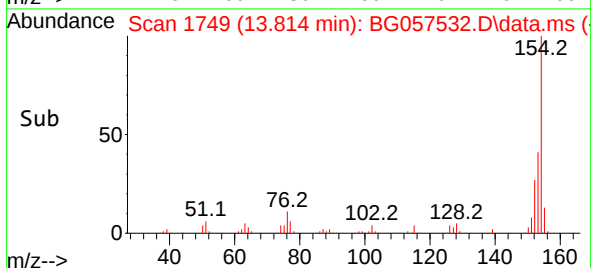
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

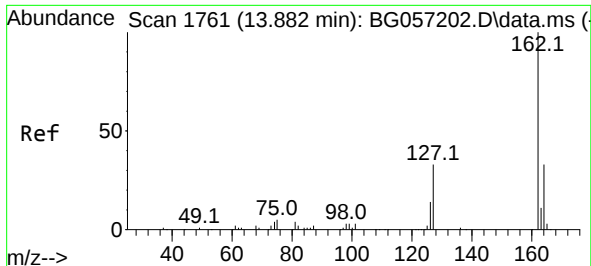


#46
1,1'-Biphenyl
Concen: 48.643 ng
RT: 13.814 min Scan# 1749
Delta R.T. -0.003 min
Lab File: BG057532.D
Acq: 24 May 2023 11:54



Tgt Ion:154 Resp: 229519
Ion Ratio Lower Upper
154 100
153 40.6 20.9 60.9
76 10.7 0.0 31.7





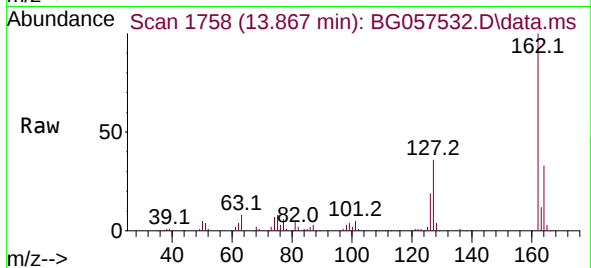
#47
2-Chloronaphthalene
Concen: 49.566 ng
RT: 13.867 min Scan# 1758
Delta R.T. -0.003 min
Lab File: BG057532.D
Acq: 24 May 2023 11:54

Instrument :

BNA_G

ClientSampleId :

PB152934BS

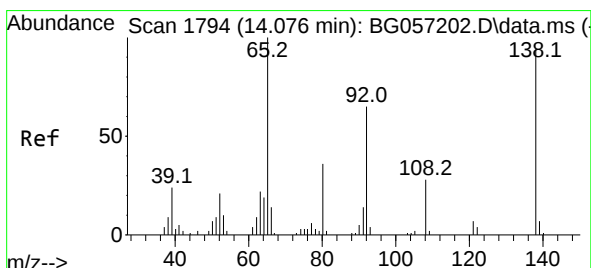
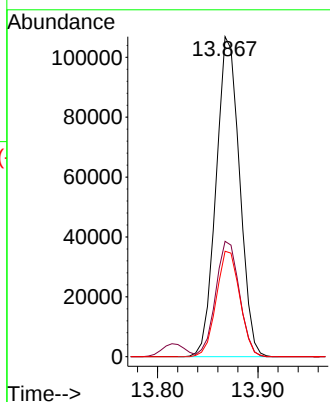
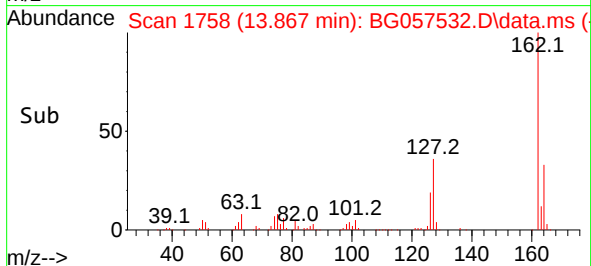


Tgt Ion:162 Resp: 173910
Ion Ratio Lower Upper
162 100
127 36.1 29.8 44.6
164 32.9 26.6 40.0

Manual Integrations

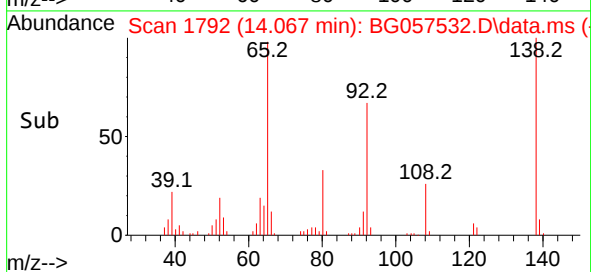
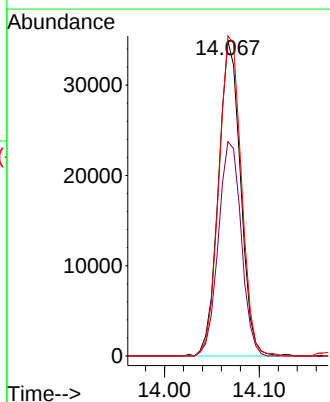
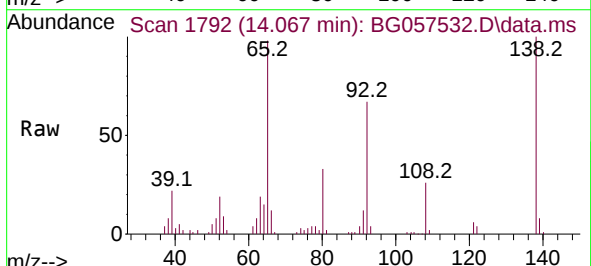
APPROVED

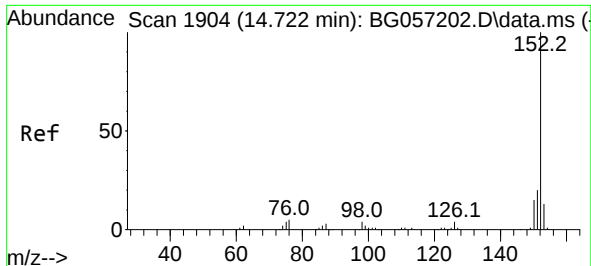
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#48
2-Nitroaniline
Concen: 47.407 ng
RT: 14.067 min Scan# 1792
Delta R.T. -0.003 min
Lab File: BG057532.D
Acq: 24 May 2023 11:54

Tgt Ion: 65 Resp: 56559
Ion Ratio Lower Upper
65 100
92 68.1 52.1 78.1
138 101.7 75.3 112.9





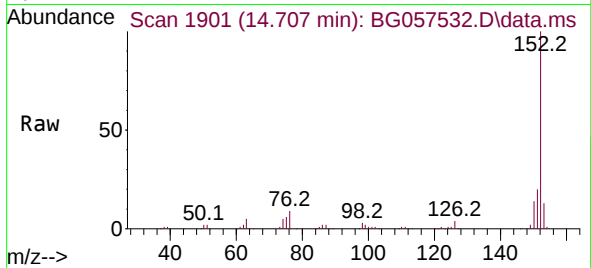
#49
Acenaphthylene
Concen: 48.481 ng
RT: 14.707 min Scan# 1901
Delta R.T. -0.003 min
Lab File: BG057532.D
Acq: 24 May 2023 11:54

Instrument :

BNA_G

ClientSampleId :

PB152934BS

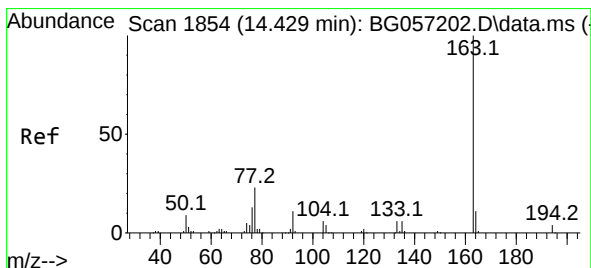
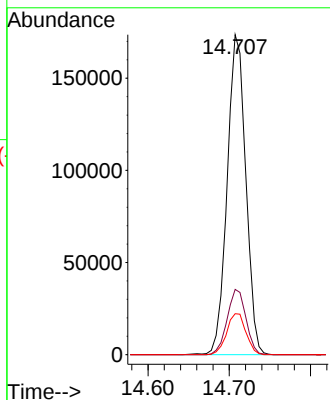
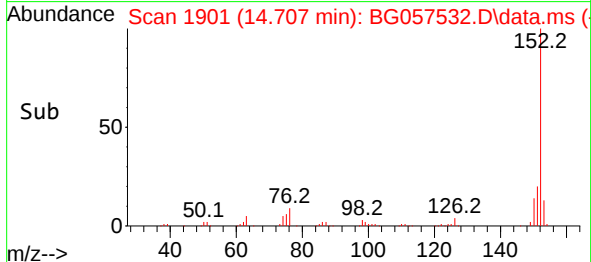


Tgt Ion:152 Resp: 276359
Ion Ratio Lower Upper
152 100
151 20.4 16.0 24.0
153 12.8 10.7 16.1

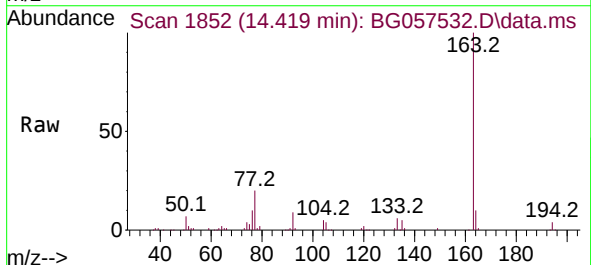
Manual Integrations

APPROVED

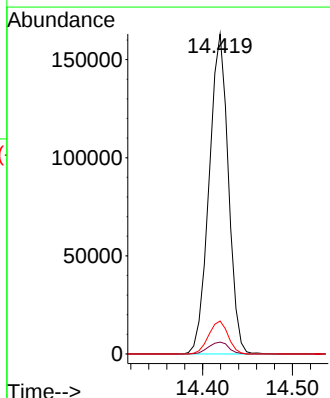
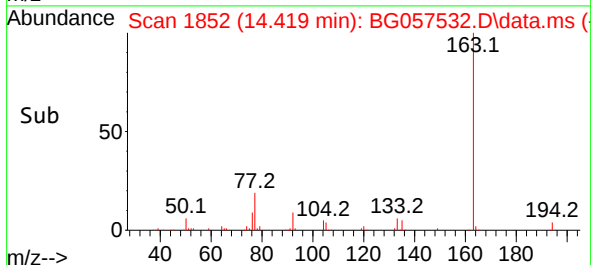
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

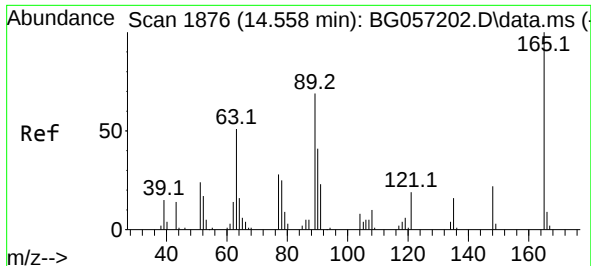


#50
Dimethylphthalate
Concen: 46.386 ng
RT: 14.419 min Scan# 1852
Delta R.T. 0.003 min
Lab File: BG057532.D
Acq: 24 May 2023 11:54



Tgt Ion:163 Resp: 242382
Ion Ratio Lower Upper
163 100
194 3.7 3.4 5.2
164 10.3 8.8 13.2





#51
2,6-Dinitrotoluene
Concen: 51.398 ng
RT: 14.549 min Scan# 1876
Delta R.T. -0.003 min
Lab File: BG057532.D
Acq: 24 May 2023 11:54

Instrument :

BNA_G

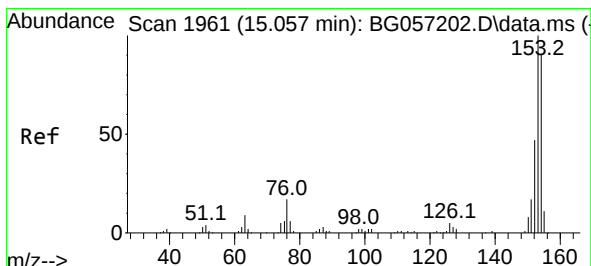
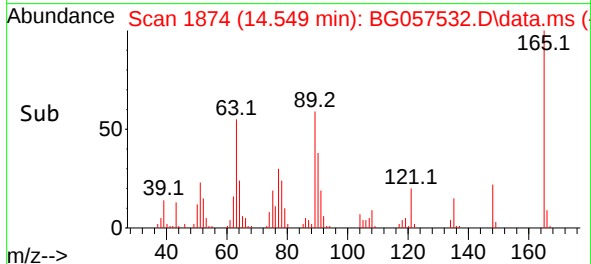
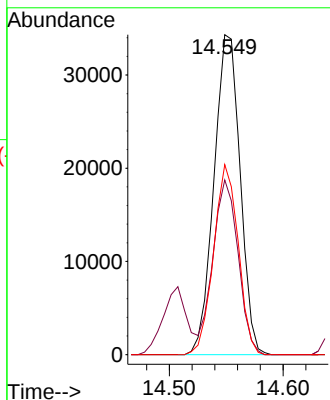
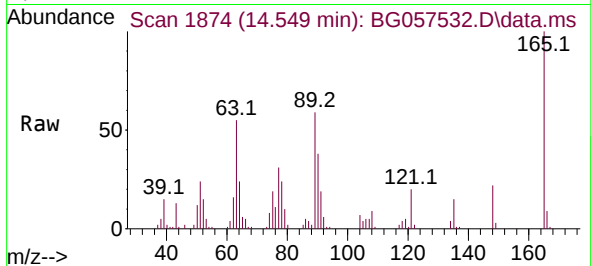
ClientSampleId :

PB152934BS

Tgt Ion:165 Resp: 54830
Ion Ratio Lower Upper
165 100
63 54.6 50.9 76.3
89 59.4 55.2 82.8

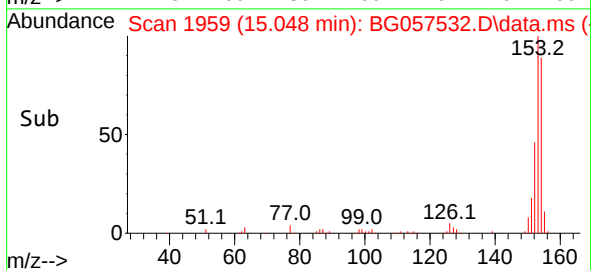
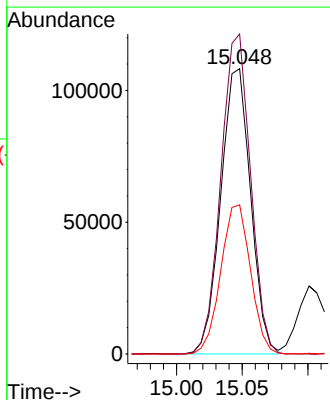
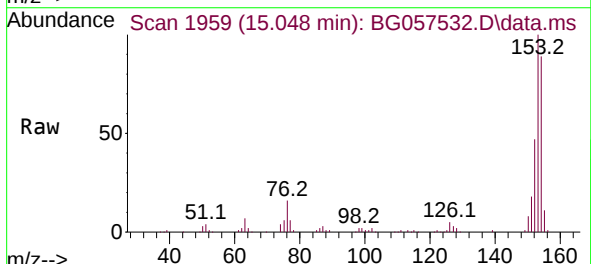
Manual Integrations
APPROVED

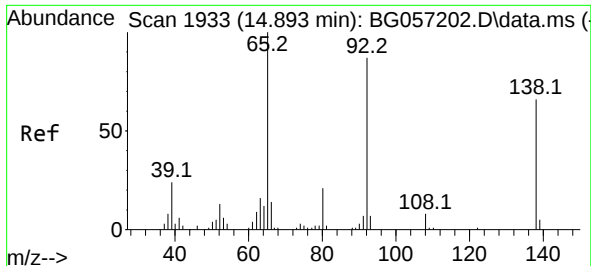
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#52
Acenaphthene
Concen: 48.145 ng
RT: 15.048 min Scan# 1959
Delta R.T. 0.003 min
Lab File: BG057532.D
Acq: 24 May 2023 11:54

Tgt Ion:154 Resp: 171494
Ion Ratio Lower Upper
154 100
153 112.1 89.3 133.9
152 52.3 41.7 62.5





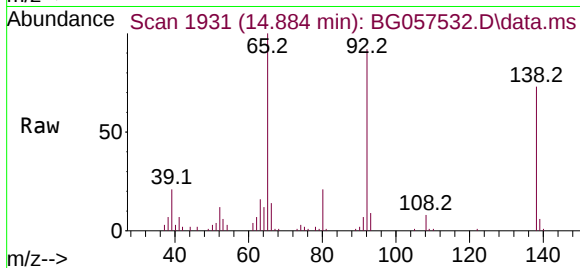
#53
3-Nitroaniline
Concen: 34.301 ng
RT: 14.884 min Scan# 1931
Delta R.T. -0.003 min
Lab File: BG057532.D
Acq: 24 May 2023 11:54

Instrument :

BNA_G

ClientSampleId :

PB152934BS

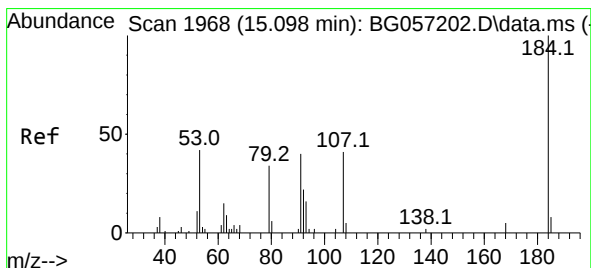
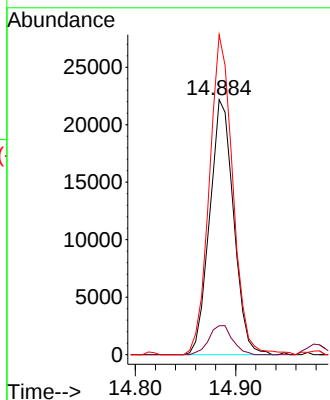
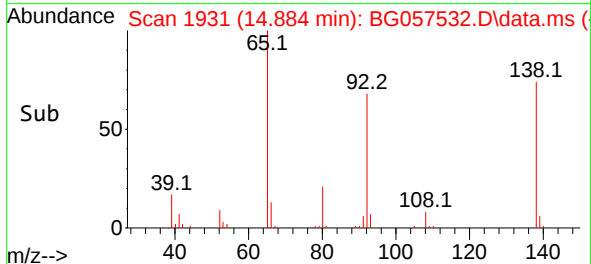


Tgt Ion:138 Resp: 36662
Ion Ratio Lower Upper
138 100
108 11.4 9.5 14.3
92 125.5 106.2 159.4

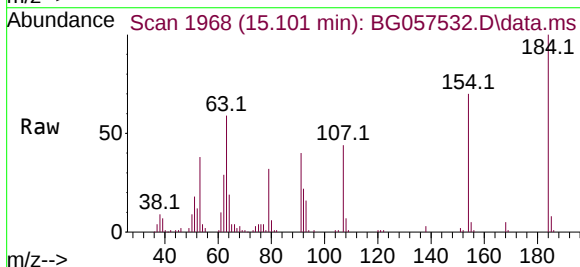
Manual Integrations

APPROVED

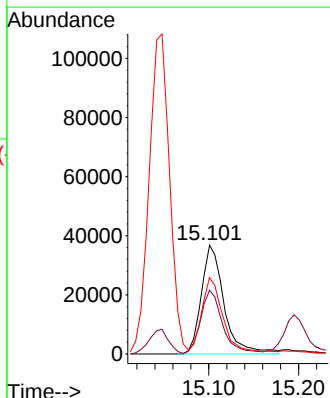
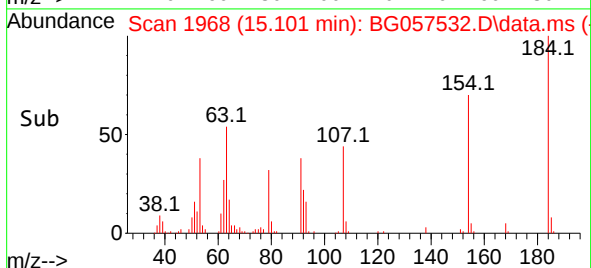
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

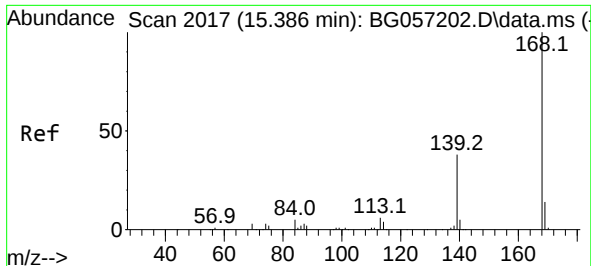


#54
2,4-Dinitrophenol
Concen: 96.876 ng
RT: 15.101 min Scan# 1968
Delta R.T. -0.003 min
Lab File: BG057532.D
Acq: 24 May 2023 11:54



Tgt Ion:184 Resp: 64737
Ion Ratio Lower Upper
184 100
63 58.5 48.2 72.4
154 70.2 55.4 83.2





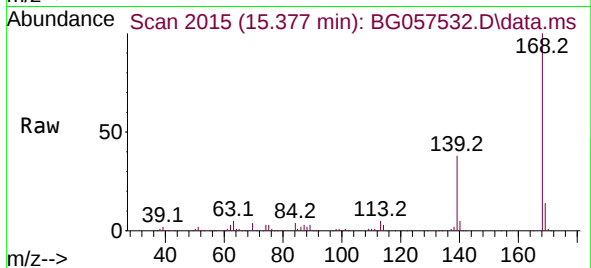
#55
Dibenzofuran
Concen: 47.625 ng
RT: 15.377 min Scan# 2017
Delta R.T. 0.003 min
Lab File: BG057532.D
Acq: 24 May 2023 11:54

Instrument :

BNA_G

ClientSampleId :

PB152934BS

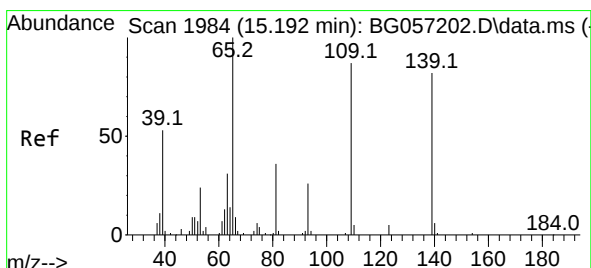
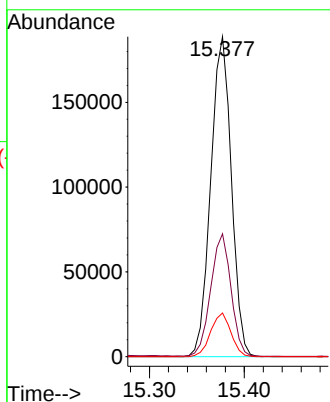
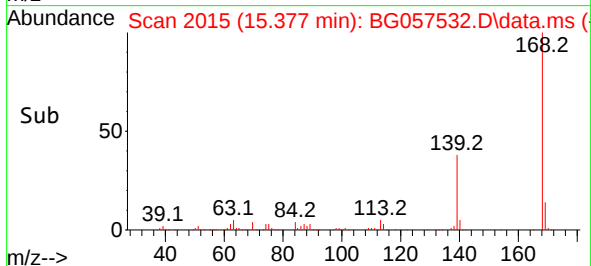


Tgt Ion:168 Resp: 285030
Ion Ratio Lower Upper
168 100
139 38.4 30.7 46.1
169 13.7 10.9 16.3

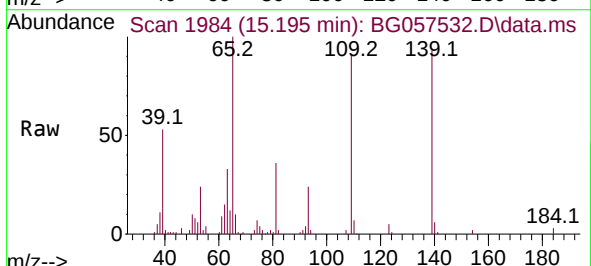
Manual Integrations

APPROVED

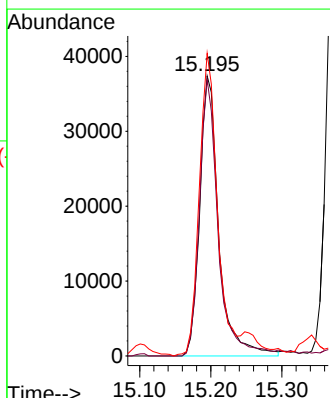
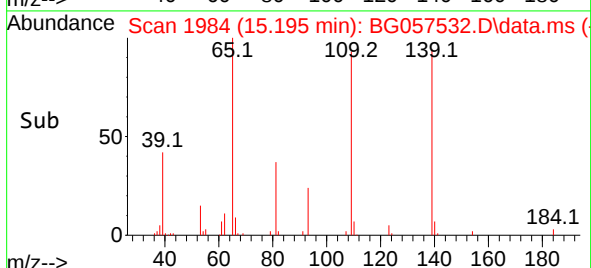
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

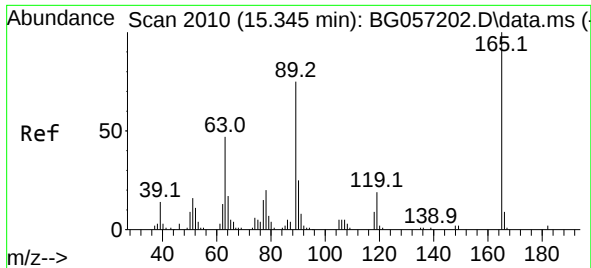


#56
4-Nitrophenol
Concen: 98.105 ng
RT: 15.195 min Scan# 1984
Delta R.T. -0.003 min
Lab File: BG057532.D
Acq: 24 May 2023 11:54



Tgt Ion:139 Resp: 69740
Ion Ratio Lower Upper
139 100
109 98.7 86.6 126.6
65 108.1 102.6 142.6





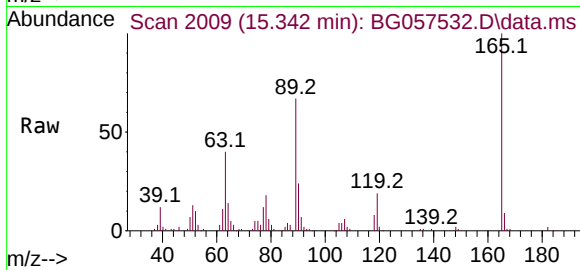
#57
2,4-Dinitrotoluene
Concen: 50.860 ng
RT: 15.342 min Scan# 2010
Delta R.T. 0.003 min
Lab File: BG057532.D
Acq: 24 May 2023 11:54

Instrument :

BNA_G

ClientSampleId :

PB152934BS

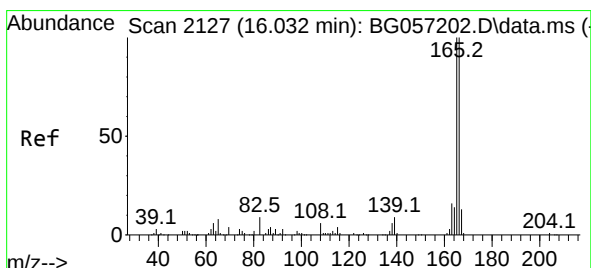
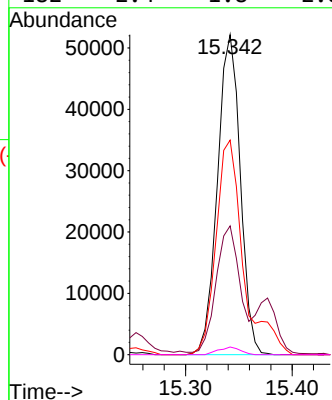
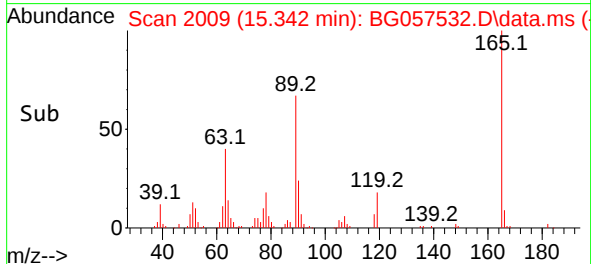


Tgt Ion:165 Resp: 77549
Ion Ratio Lower Upper
165 100
63 40.3 37.5 56.3
89 67.0 60.2 90.4
182 2.4 1.8 2.8

Manual Integrations

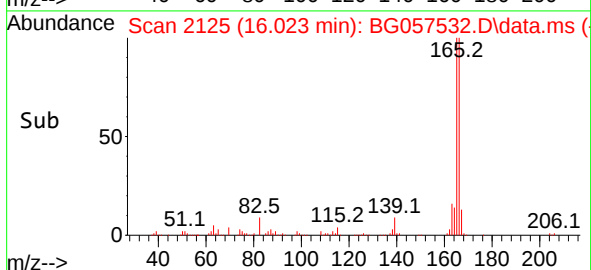
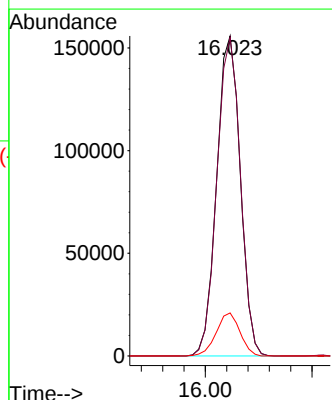
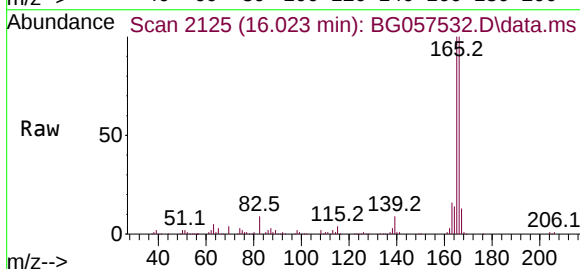
APPROVED

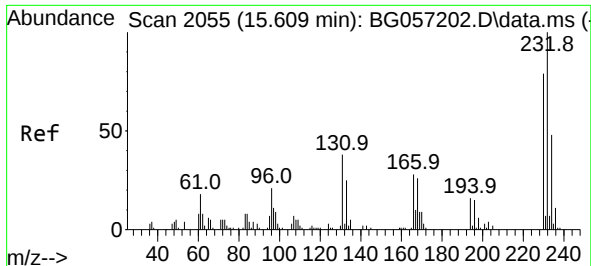
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#58
Fluorene
Concen: 48.433 ng
RT: 16.023 min Scan# 2125
Delta R.T. 0.003 min
Lab File: BG057532.D
Acq: 24 May 2023 11:54

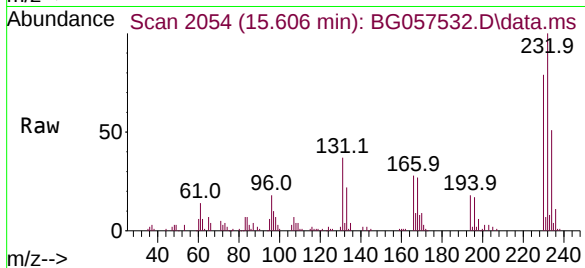
Tgt Ion:166 Resp: 238765
Ion Ratio Lower Upper
166 100
165 99.5 80.1 120.1
167 13.4 10.2 15.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.684 ng
RT: 15.606 min Scan# 2055
Delta R.T. 0.003 min
Lab File: BG057532.D
Acq: 24 May 2023 11:54

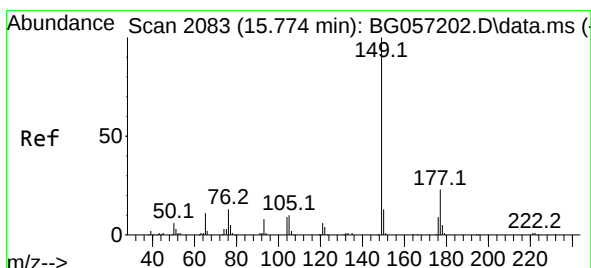
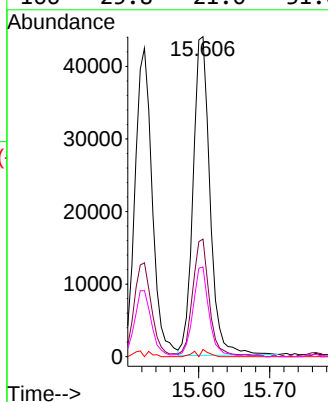
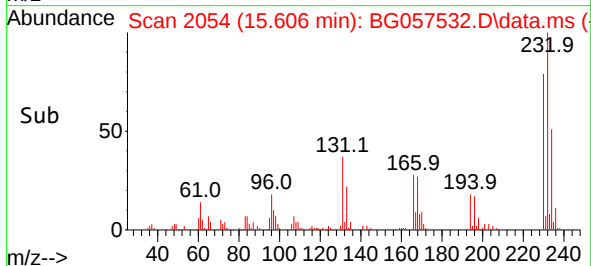
Instrument :
BNA_G
ClientSampleId :
PB152934BS



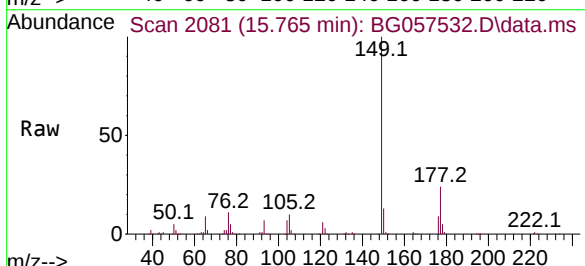
Tgt Ion:232 Resp: 7287
Ion Ratio Lower Upper
232 100
131 36.7 28.6 42.8
130 1.0 1.6 2.4
166 25.8 21.0 31.6

Manual Integrations
APPROVED

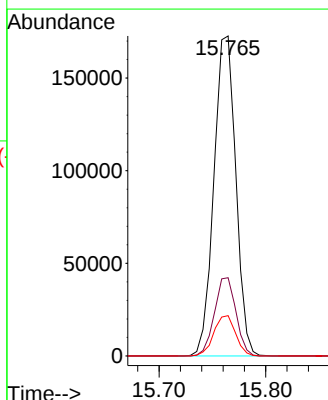
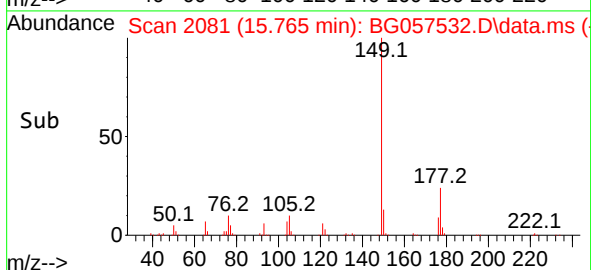
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

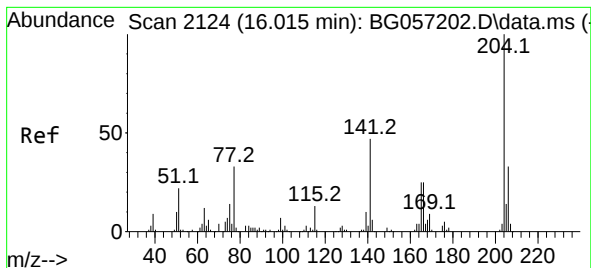


#60
Diethylphthalate
Concen: 46.382 ng
RT: 15.765 min Scan# 2081
Delta R.T. 0.003 min
Lab File: BG057532.D
Acq: 24 May 2023 11:54



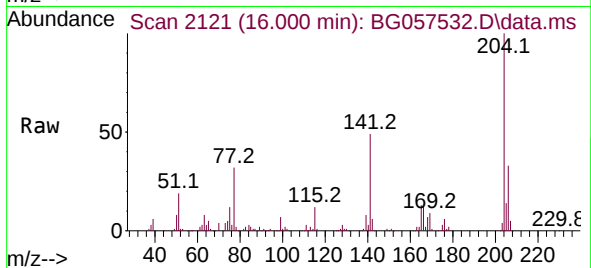
Tgt Ion:149 Resp: 246131
Ion Ratio Lower Upper
149 100
177 24.5 18.3 27.5
150 12.6 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 46.693 ng
RT: 16.000 min Scan# 2124
Delta R.T. 0.003 min
Lab File: BG057532.D
Acq: 24 May 2023 11:54

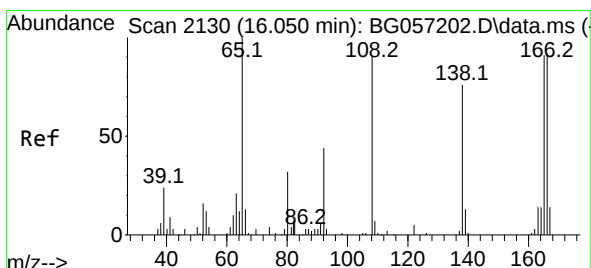
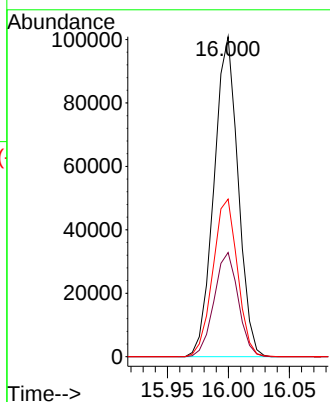
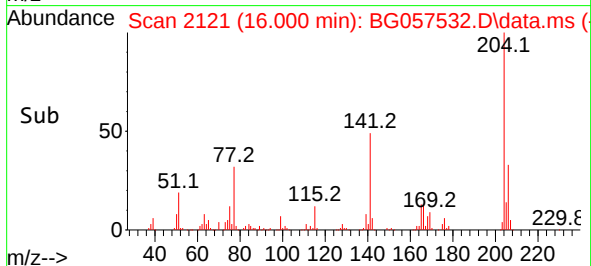
Instrument :
BNA_G
ClientSampleId :
PB152934BS



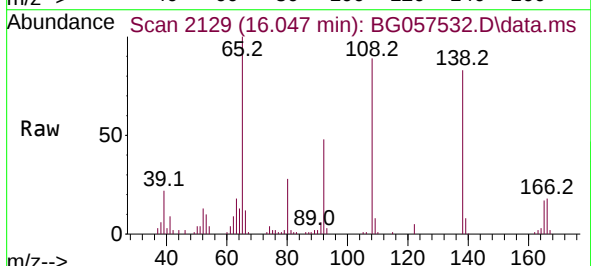
Tgt Ion:204 Resp: 138670
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 49.3 37.4 56.0

Manual Integrations
APPROVED

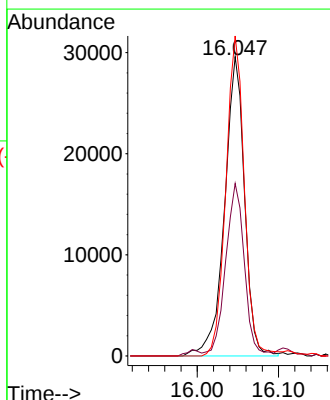
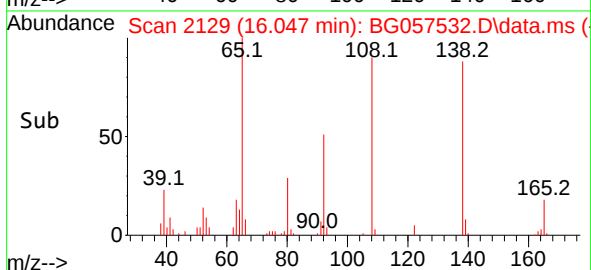
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

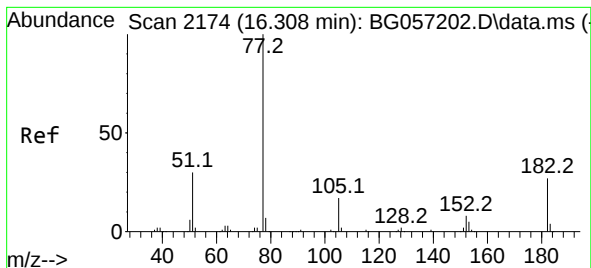


#62
4-Nitroaniline
Concen: 46.867 ng
RT: 16.047 min Scan# 2129
Delta R.T. 0.003 min
Lab File: BG057532.D
Acq: 24 May 2023 11:54



Tgt Ion:138 Resp: 50535
Ion Ratio Lower Upper
138 100
92 57.6 38.2 78.2
108 106.9 99.6 139.6





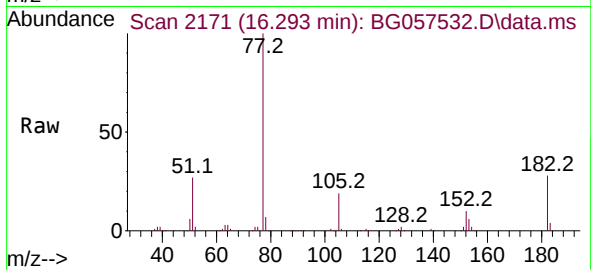
#63
Azobenzene
Concen: 44.142 ng
RT: 16.293 min Scan# 2174
Delta R.T. 0.003 min
Lab File: BG057532.D
Acq: 24 May 2023 11:54

Instrument :

BNA_G

ClientSampleId :

PB152934BS

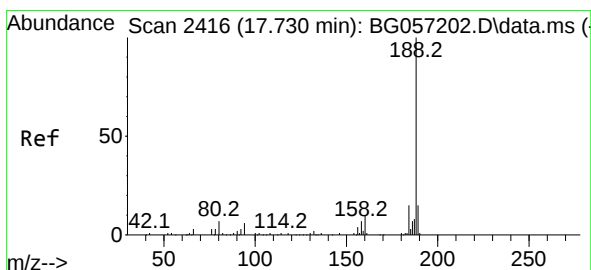
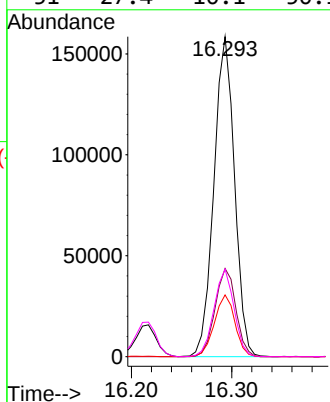
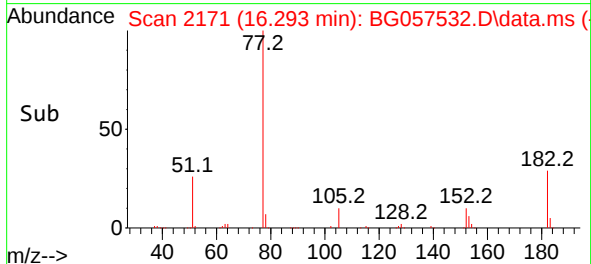


Tgt Ion: 77 Resp: 22601
Ion Ratio Lower Upper
77 100
182 27.5 7.4 47.4
105 19.3 0.0 37.2
51 27.4 10.1 50.1

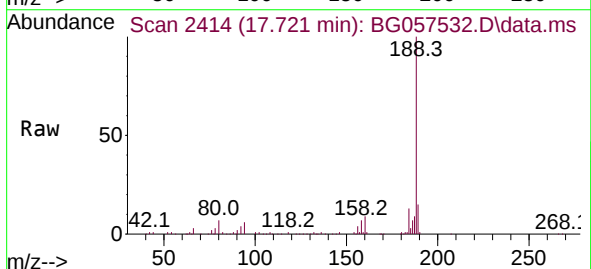
Manual Integrations

APPROVED

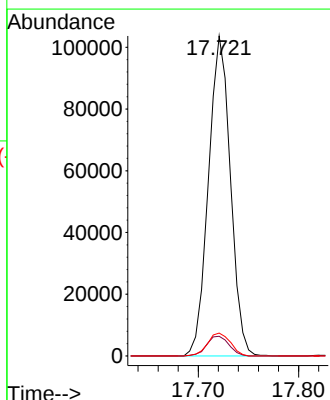
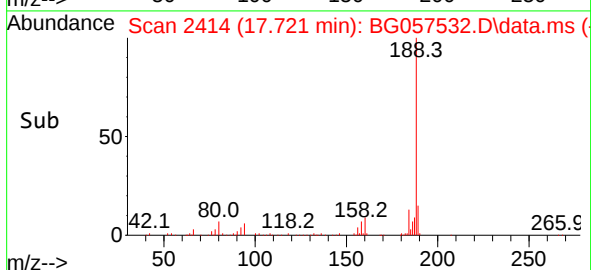
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

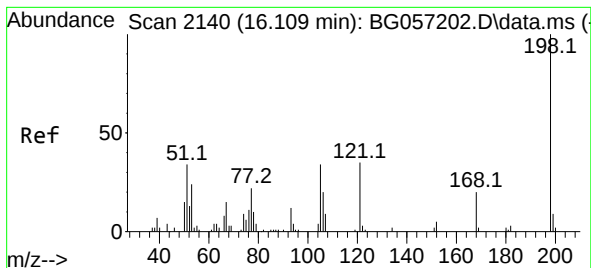


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.721 min Scan# 2414
Delta R.T. -0.003 min
Lab File: BG057532.D
Acq: 24 May 2023 11:54



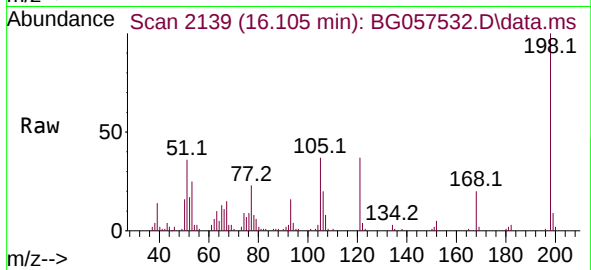
Tgt Ion:188 Resp: 157672
Ion Ratio Lower Upper
188 100
94 6.2 5.1 7.7
80 7.2 5.7 8.5





#65
4,6-Dinitro-2-methylphenol
Concen: 54.497 ng
RT: 16.105 min Scan# 2113
Delta R.T. -0.003 min
Lab File: BG057532.D
Acq: 24 May 2023 11:54

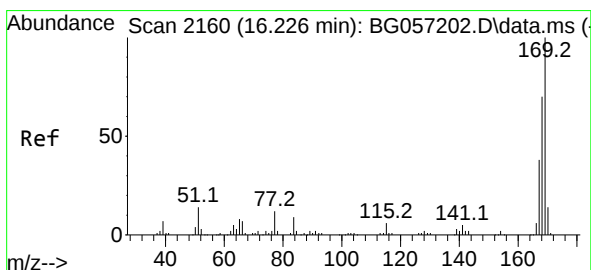
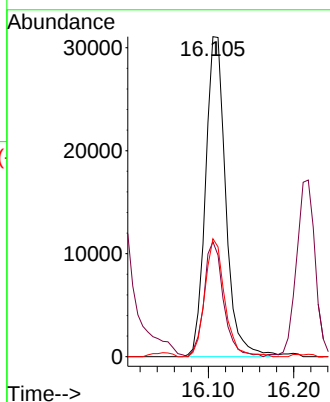
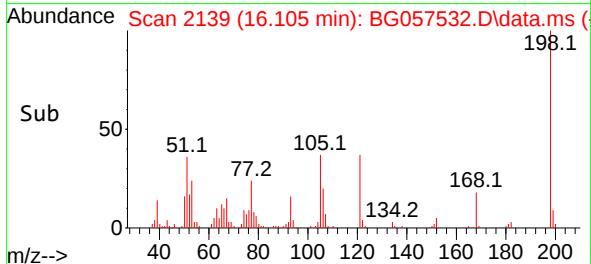
Instrument :
BNA_G
ClientSampleId :
PB152934BS



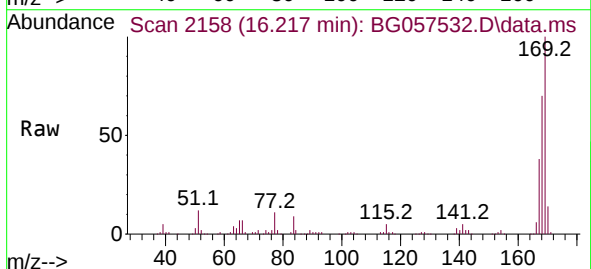
Tgt Ion:198 Resp: 5130
Ion Ratio Lower Upper
198 100
51 35.9 16.1 56.1
105 36.9 14.0 54.0

Manual Integrations
APPROVED

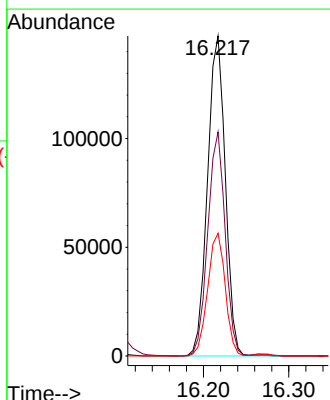
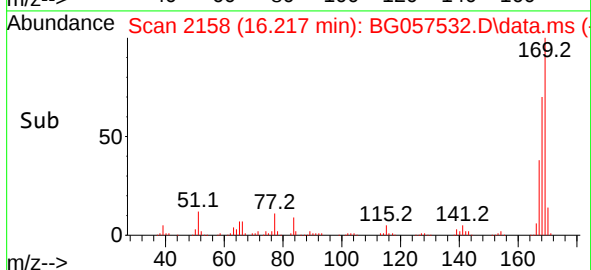
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#66
n-Nitrosodiphenylamine
Concen: 49.753 ng
RT: 16.217 min Scan# 2158
Delta R.T. 0.003 min
Lab File: BG057532.D
Acq: 24 May 2023 11:54



Tgt Ion:169 Resp: 213062
Ion Ratio Lower Upper
169 100
168 70.0 56.2 84.4
167 38.4 30.2 45.4





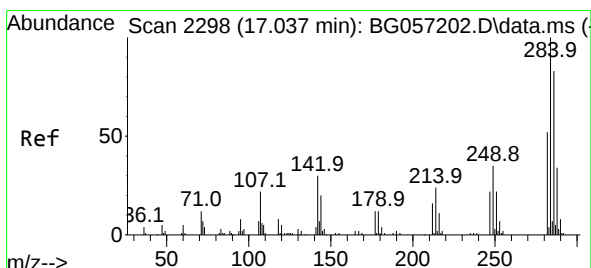
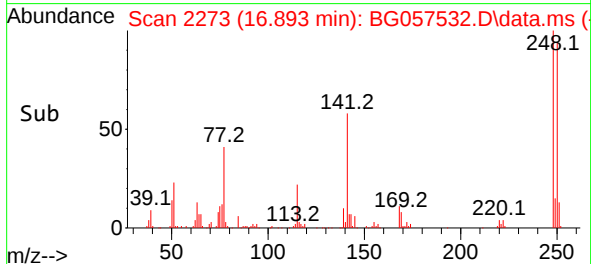
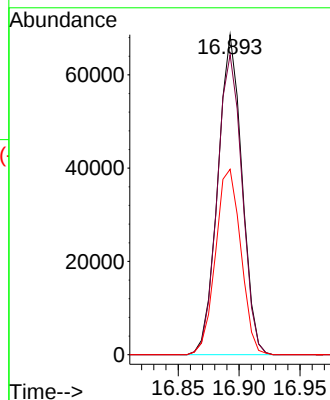
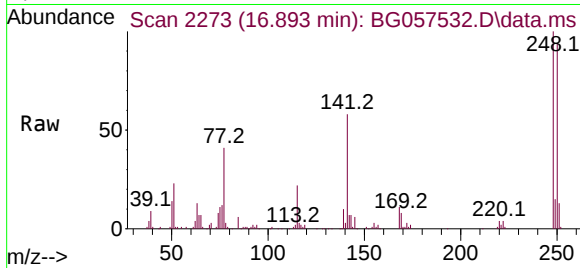
#67
4-Bromophenyl-phenylether
Concen: 49.238 ng
RT: 16.893 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG057532.D
Acq: 24 May 2023 11:54

Instrument :
BNA_G
ClientSampleId :
PB152934BS

Tgt Ion:248 Resp: 94772
Ion Ratio Lower Upper
248 100
250 93.7 77.0 115.6
141 57.9 48.6 72.8

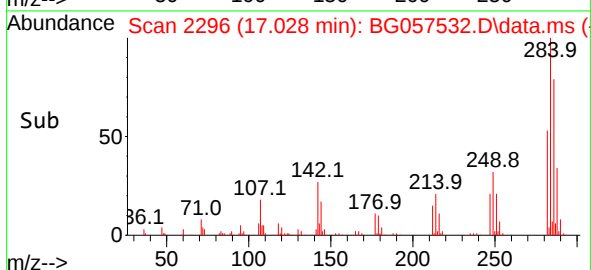
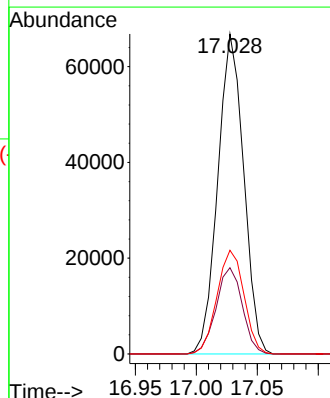
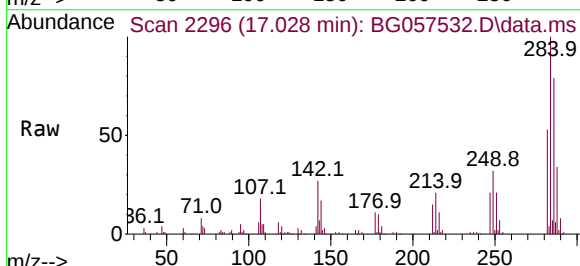
Manual Integrations
APPROVED

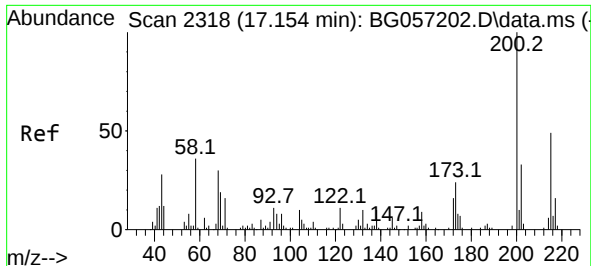
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#68
Hexachlorobenzene
Concen: 52.705 ng
RT: 17.028 min Scan# 2296
Delta R.T. -0.003 min
Lab File: BG057532.D
Acq: 24 May 2023 11:54

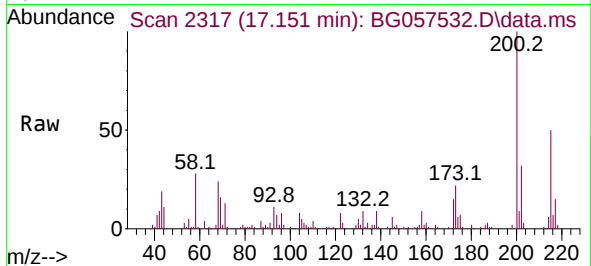
Tgt Ion:284 Resp: 98583
Ion Ratio Lower Upper
284 100
142 27.0 23.9 35.9
249 32.4 27.7 41.5





#69
 Atrazine
 Concen: 55.054 ng
 RT: 17.151 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG057532.D
 Acq: 24 May 2023 11:54

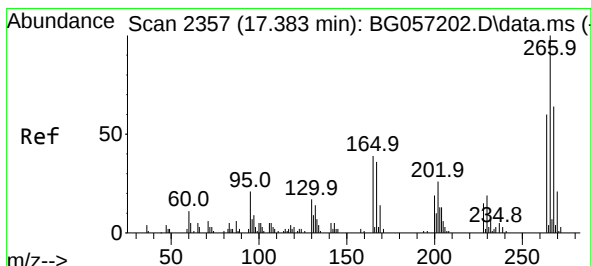
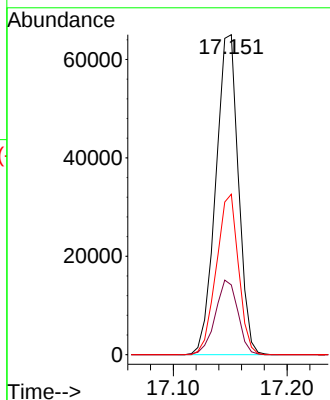
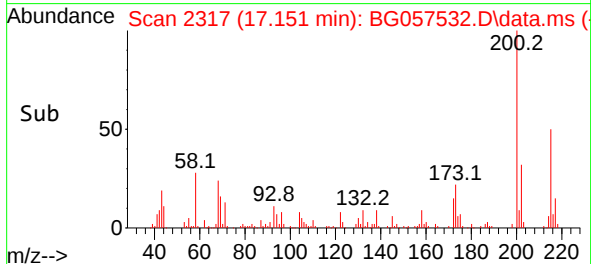
Instrument :
 BNA_G
 ClientSampleId :
 PB152934BS



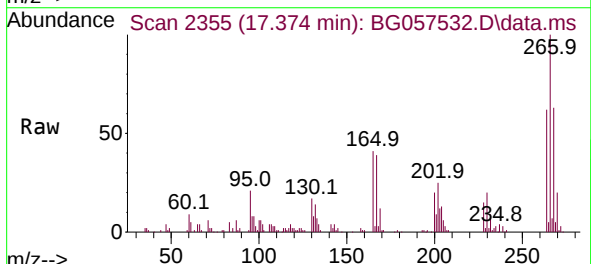
Tgt Ion:200 Resp: 8993
 Ion Ratio Lower Upper
 200 100
 173 21.8 4.3 44.3
 215 50.1 29.3 69.3

Manual Integrations
 APPROVED

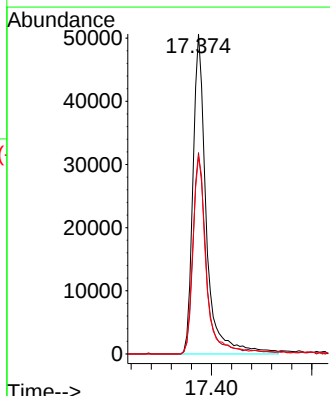
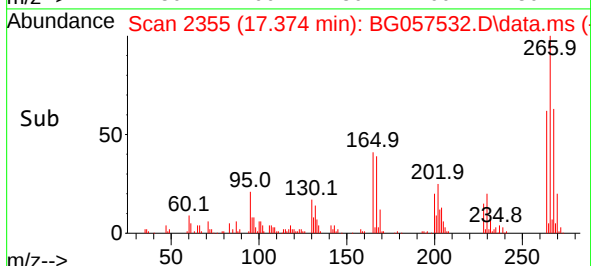
Reviewed By :Christian Giraldo 05/25/2023
 Supervised By :Jagrut Upadhyay 05/25/2023

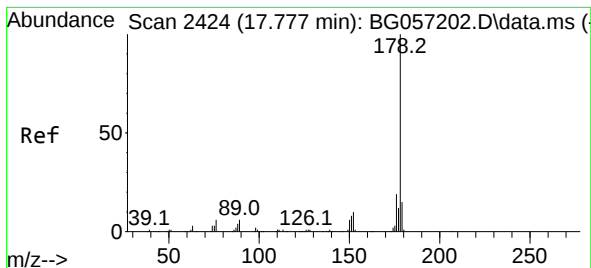


#70
 Pentachlorophenol
 Concen: 86.779 ng
 RT: 17.374 min Scan# 2355
 Delta R.T. -0.003 min
 Lab File: BG057532.D
 Acq: 24 May 2023 11:54



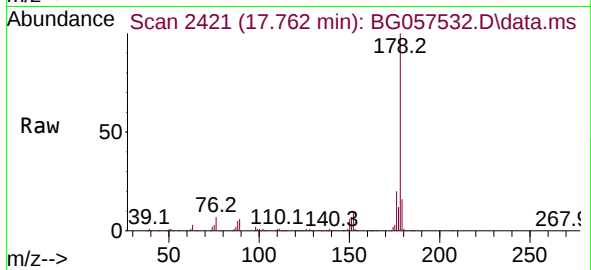
Tgt Ion:266 Resp: 93545
 Ion Ratio Lower Upper
 266 100
 268 62.9 51.0 76.6
 264 61.8 47.8 71.6





#71
Phenanthrene
Concen: 48.212 ng
RT: 17.762 min Scan# 2424
Delta R.T. -0.003 min
Lab File: BG057532.D
Acq: 24 May 2023 11:54

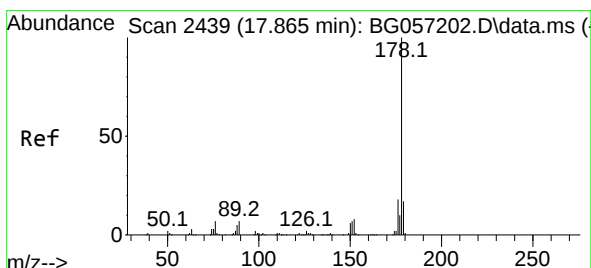
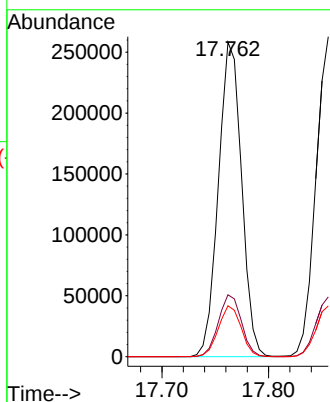
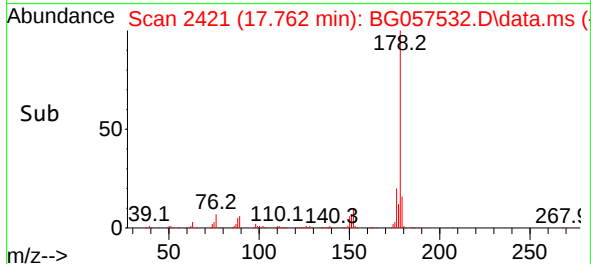
Instrument :
BNA_G
ClientSampleId :
PB152934BS



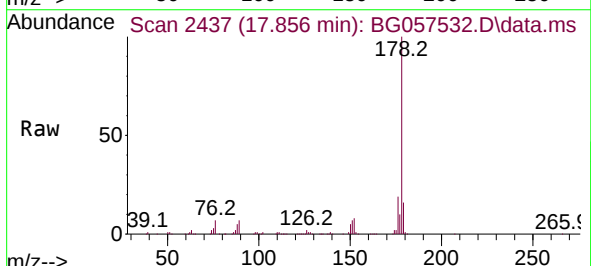
Tgt Ion:178 Resp: 38952
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.2
179 16.2 12.3 18.5

Manual Integrations
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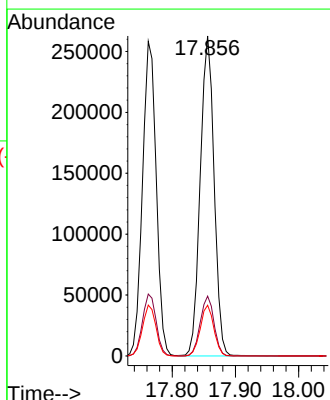
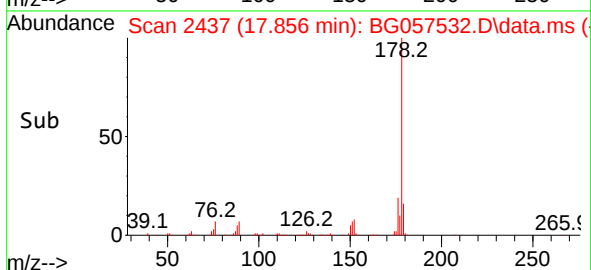
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

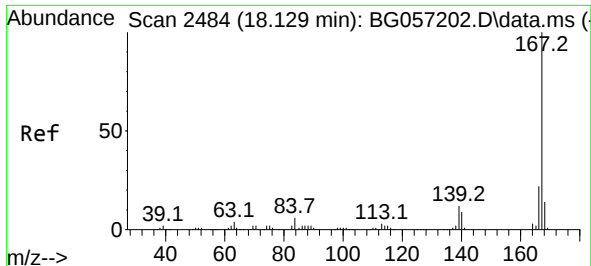


#72
Anthracene
Concen: 48.177 ng
RT: 17.856 min Scan# 2437
Delta R.T. 0.003 min
Lab File: BG057532.D
Acq: 24 May 2023 11:54



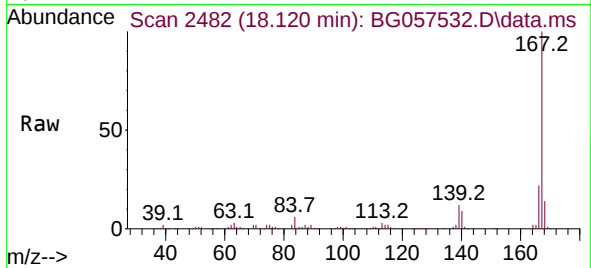
Tgt Ion:178 Resp: 399397
Ion Ratio Lower Upper
178 100
176 18.7 14.7 22.1
179 15.9 13.2 19.8





#73
Carbazole
Concen: 49.458 ng
RT: 18.120 min Scan# 2484
Delta R.T. -0.003 min
Lab File: BG057532.D
Acq: 24 May 2023 11:54

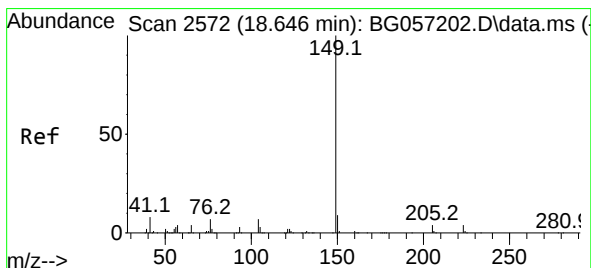
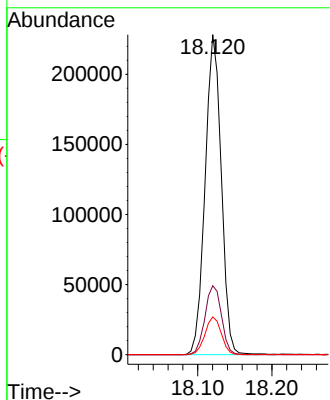
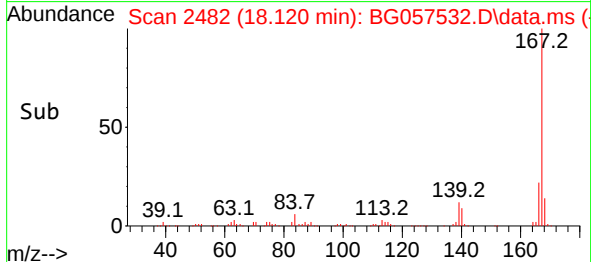
Instrument :
BNA_G
ClientSampleId :
PB152934BS



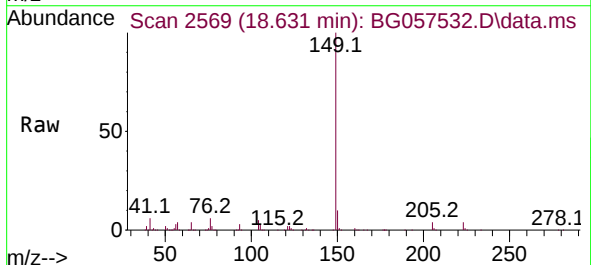
Tgt Ion:167 Resp: 34517
Ion Ratio Lower Upper
167 100
166 21.6 17.4 26.0
139 11.8 9.6 14.4

Manual Integrations
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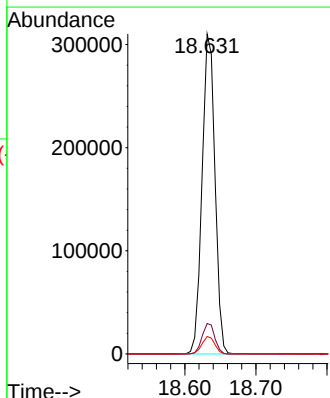
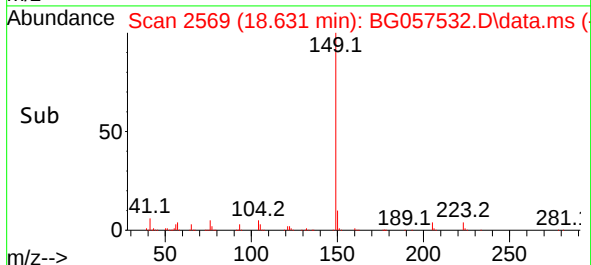
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

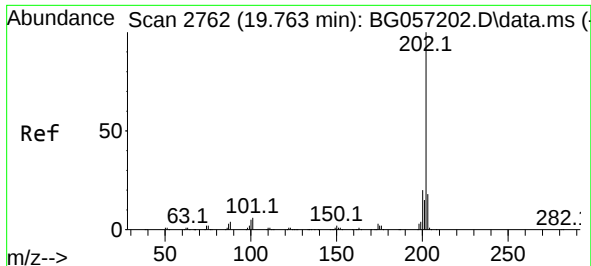


#74
Di-n-butylphthalate
Concen: 48.850 ng
RT: 18.631 min Scan# 2569
Delta R.T. -0.003 min
Lab File: BG057532.D
Acq: 24 May 2023 11:54



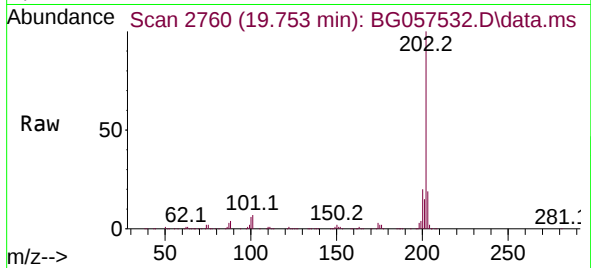
Tgt Ion:149 Resp: 392266
Ion Ratio Lower Upper
149 100
150 9.5 7.3 10.9
104 5.5 5.4 8.2





#75
Fluoranthene
Concen: 45.640 ng
RT: 19.753 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG057532.D
Acq: 24 May 2023 11:54

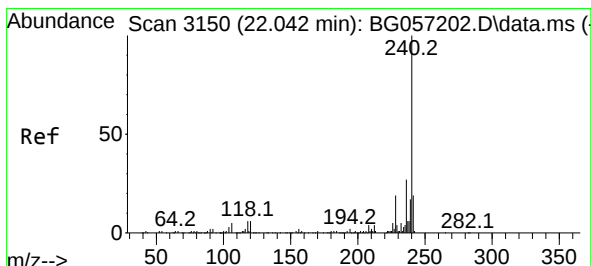
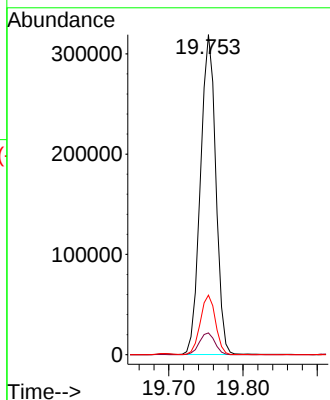
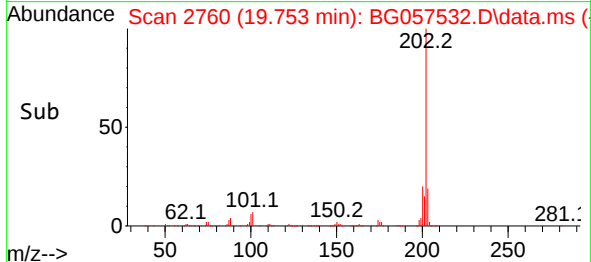
Instrument :
BNA_G
ClientSampleId :
PB152934BS



Tgt Ion:202 Resp: 458620
Ion Ratio Lower Upper
202 100
101 6.8 0.0 26.2
203 18.6 0.0 37.9

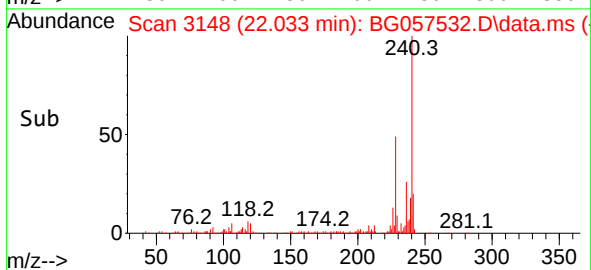
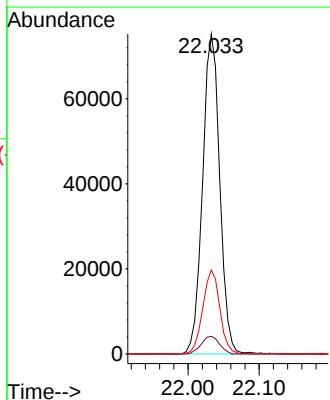
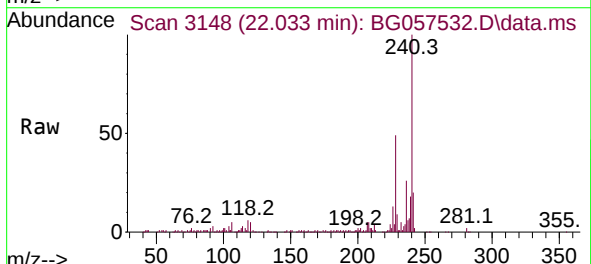
Manual Integrations
APPROVED

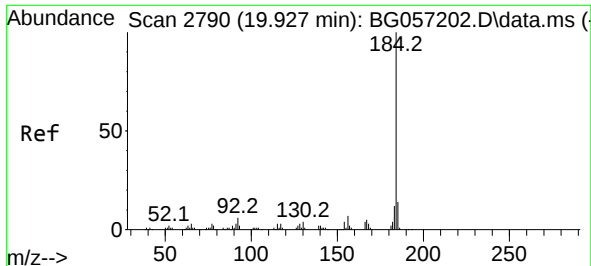
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.033 min Scan# 3148
Delta R.T. -0.003 min
Lab File: BG057532.D
Acq: 24 May 2023 11:54

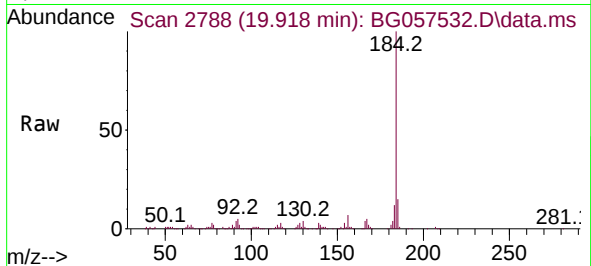
Tgt Ion:240 Resp: 126651
Ion Ratio Lower Upper
240 100
120 5.5 4.9 7.3
236 26.2 21.4 32.2





#77
Benzidine
Concen: 61.344 ng
RT: 19.918 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG057532.D
Acq: 24 May 2023 11:54

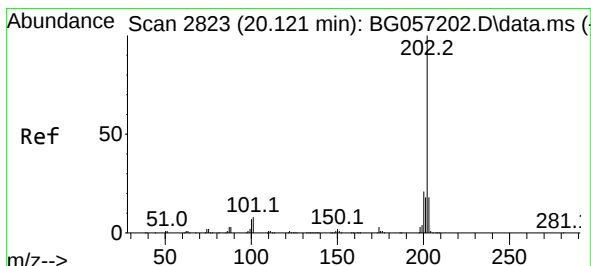
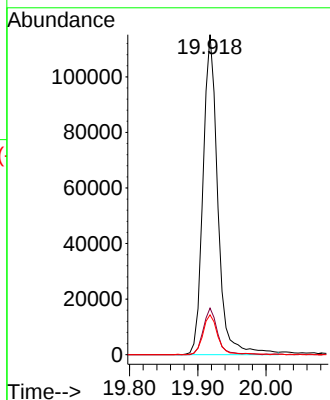
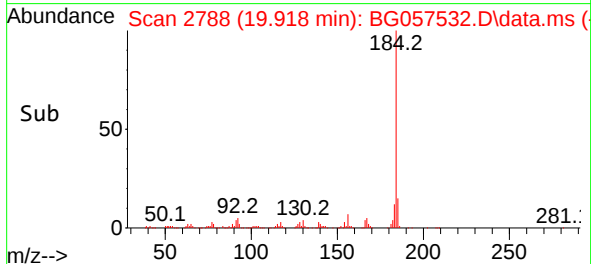
Instrument :
BNA_G
ClientSampleId :
PB152934BS



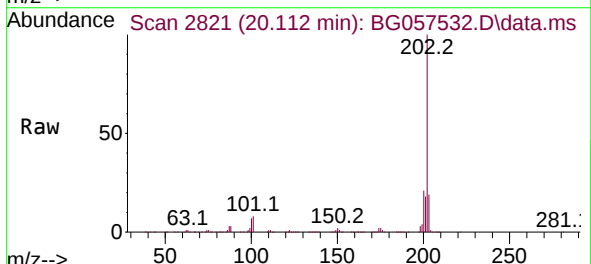
Tgt Ion:184 Resp: 173692
Ion Ratio Lower Upper
184 100
185 14.6 11.1 16.7
183 12.5 9.9 14.9

Manual Integrations
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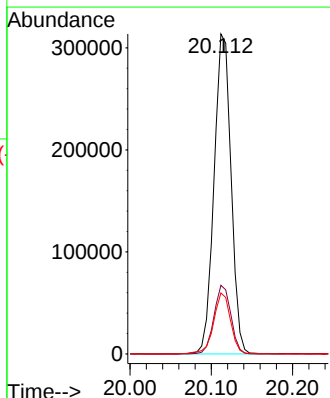
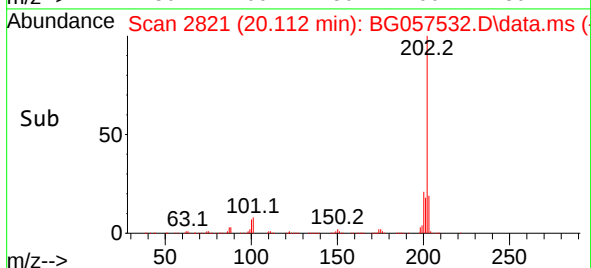
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

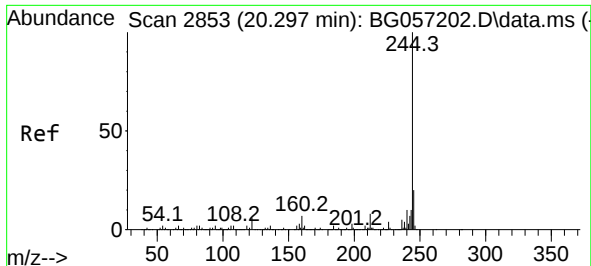


#78
Pyrene
Concen: 49.622 ng
RT: 20.112 min Scan# 2821
Delta R.T. -0.003 min
Lab File: BG057532.D
Acq: 24 May 2023 11:54



Tgt Ion:202 Resp: 456679
Ion Ratio Lower Upper
202 100
200 21.5 17.0 25.4
203 19.1 14.2 21.4





#79
Terphenyl-d14
Concen: 100.945 ng
RT: 20.288 min Scan# 2853
Delta R.T. -0.003 min
Lab File: BG057532.D
Acq: 24 May 2023 11:54

Instrument :

BNA_G

ClientSampleId :

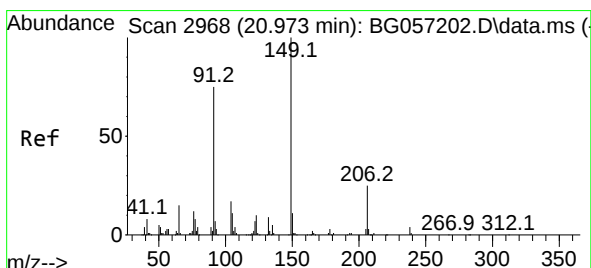
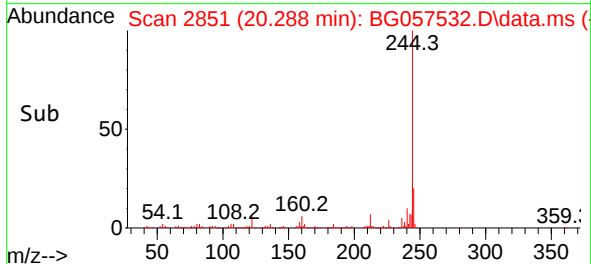
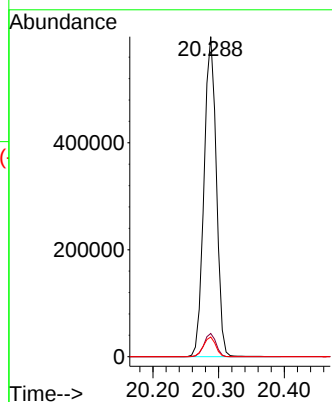
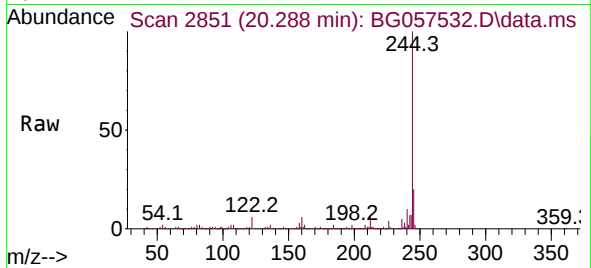
PB152934BS

Tgt Ion:244 Resp: 783410
Ion Ratio Lower Upper
244 100
212 7.2 6.1 9.1
122 6.1 5.1 7.7

Manual Integrations

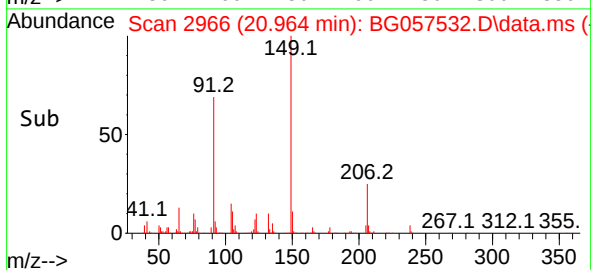
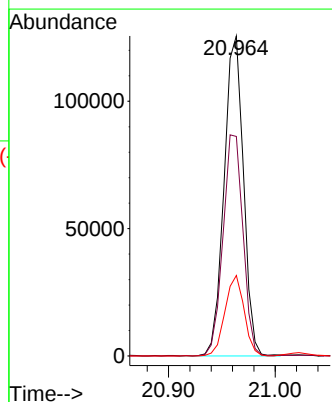
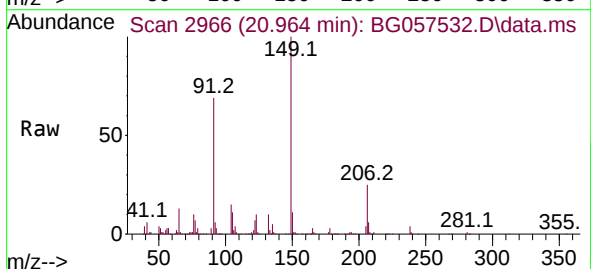
APPROVED

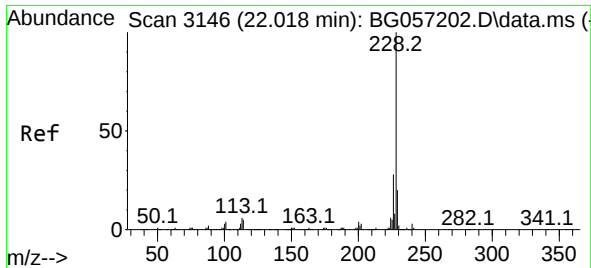
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#80
Butylbenzylphthalate
Concen: 54.268 ng
RT: 20.964 min Scan# 2966
Delta R.T. 0.003 min
Lab File: BG057532.D
Acq: 24 May 2023 11:54

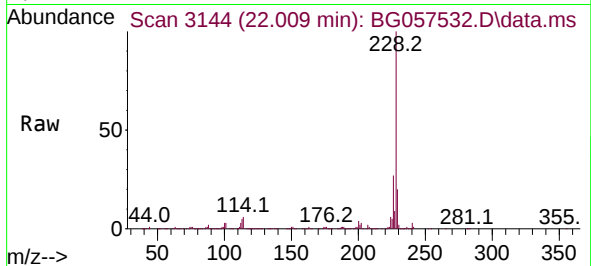
Tgt Ion:149 Resp: 158468
Ion Ratio Lower Upper
149 100
91 68.6 59.7 89.5
206 25.2 19.7 29.5





#81
Benzo(a)anthracene
Concen: 48.175 ng
RT: 22.009 min Scan# 3146
Delta R.T. -0.003 min
Lab File: BG057532.D
Acq: 24 May 2023 11:54

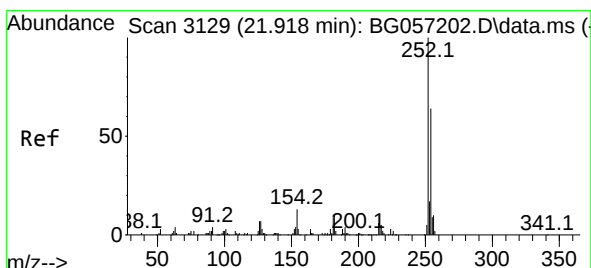
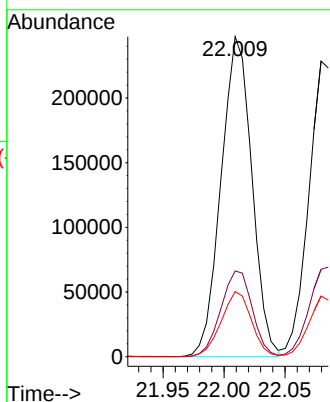
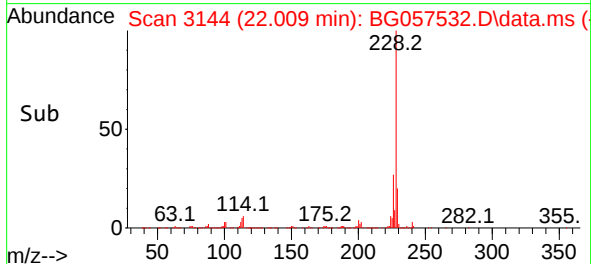
Instrument :
BNA_G
ClientSampleId :
PB152934BS



Tgt Ion:228 Resp: 434709
Ion Ratio Lower Upper
228 100
226 26.8 22.0 33.0
229 20.4 15.8 23.8

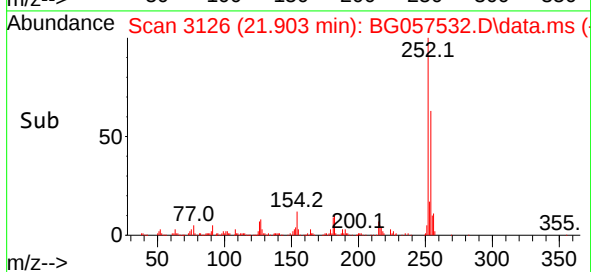
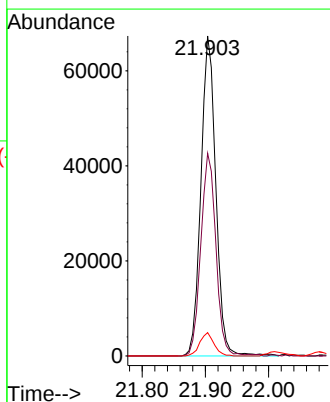
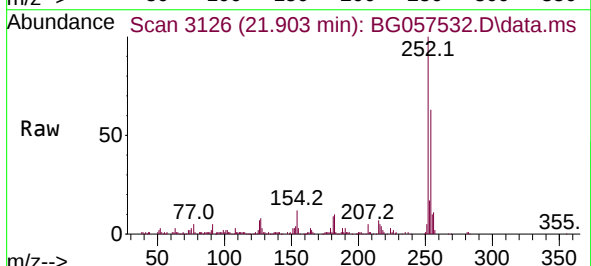
Manual Integrations
APPROVED

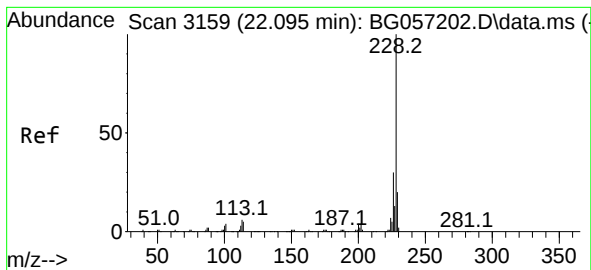
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#82
3,3'-Dichlorobenzidine
Concen: 38.222 ng
RT: 21.903 min Scan# 3126
Delta R.T. -0.003 min
Lab File: BG057532.D
Acq: 24 May 2023 11:54

Tgt Ion:252 Resp: 110472
Ion Ratio Lower Upper
252 100
254 63.4 51.4 77.0
126 7.3 5.9 8.9





#83

Chrysene

Concen: 46.996 ng

RT: 22.080 min Scan# 3117

Delta R.T. -0.003 min

Lab File: BG057532.D

Acq: 24 May 2023 11:54

Instrument :

BNA_G

ClientSampleId :

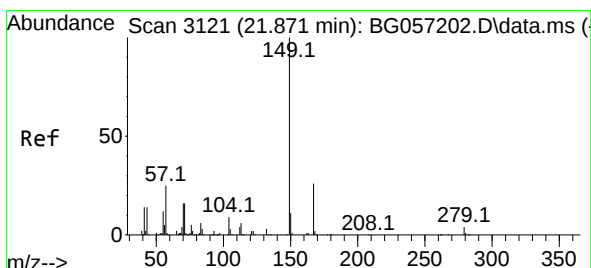
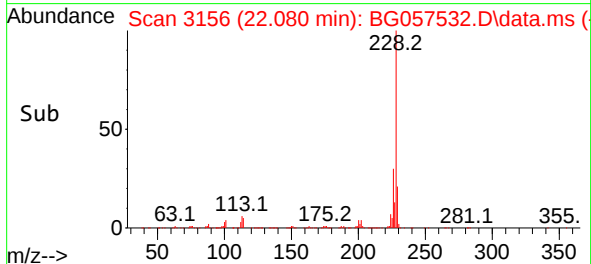
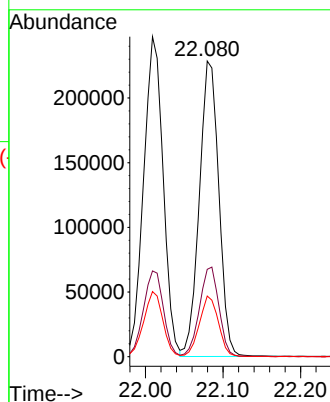
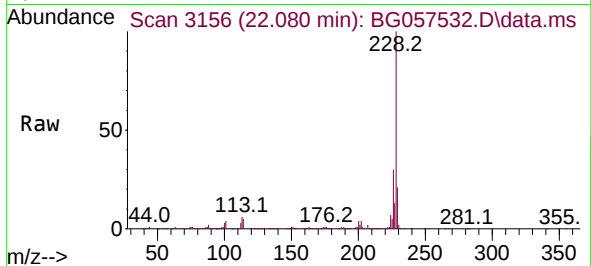
PB152934BS

Tgt Ion:228 Resp: 398999
 Ion Ratio Lower Upper
 228 100
 226 29.6 24.3 36.5
 229 20.5 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/25/2023
 Supervised By :Jagrut Upadhyay 05/25/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.339 ng

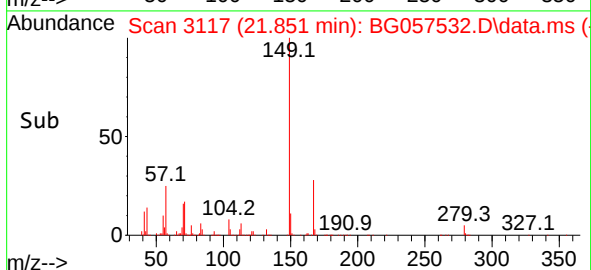
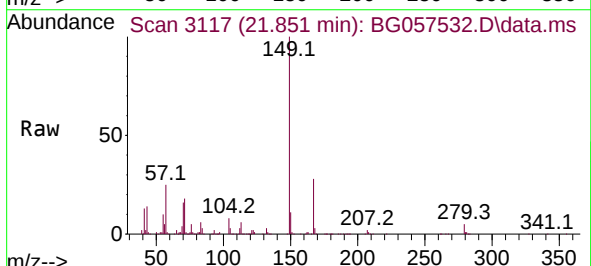
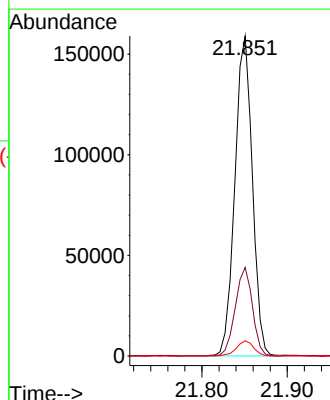
RT: 21.851 min Scan# 3117

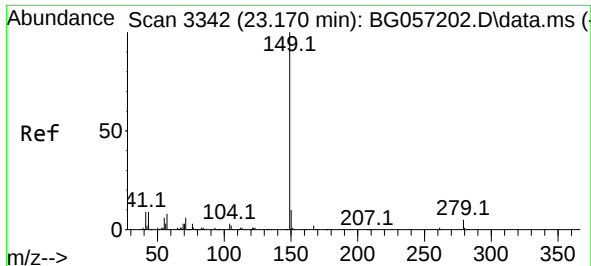
Delta R.T. 0.003 min

Lab File: BG057532.D

Acq: 24 May 2023 11:54

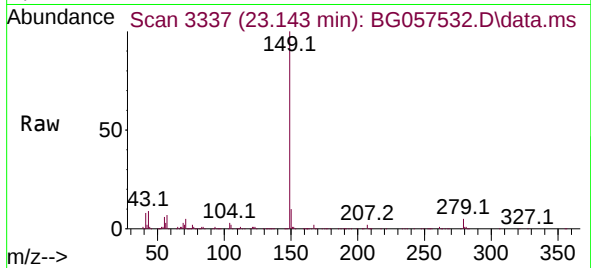
Tgt Ion:149 Resp: 226131
 Ion Ratio Lower Upper
 149 100
 167 27.6 21.2 31.8
 279 4.8 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 52.988 ng
RT: 23.143 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG057532.D
Acq: 24 May 2023 11:54

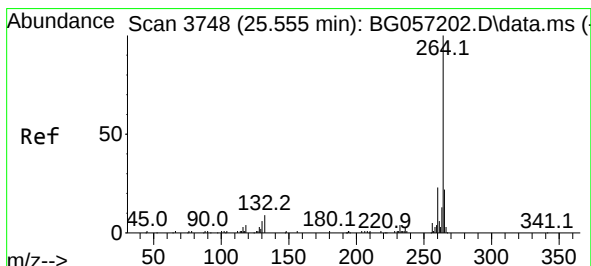
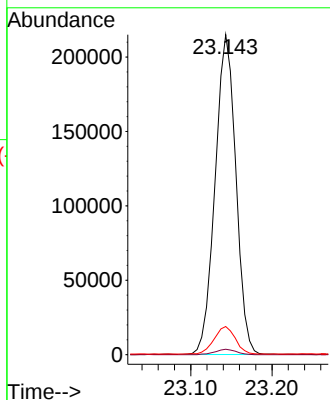
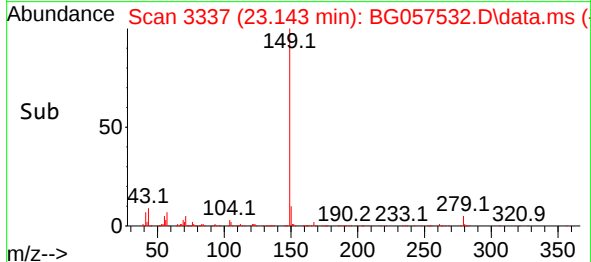
Instrument :
BNA_G
ClientSampleId :
PB152934BS



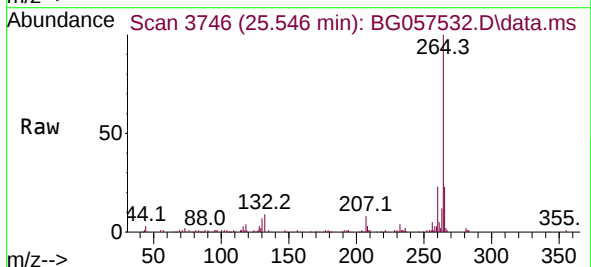
Tgt Ion:149 Resp: 381660
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.8 7.8 11.8

Manual Integrations
APPROVED

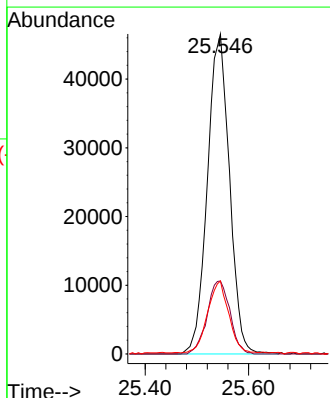
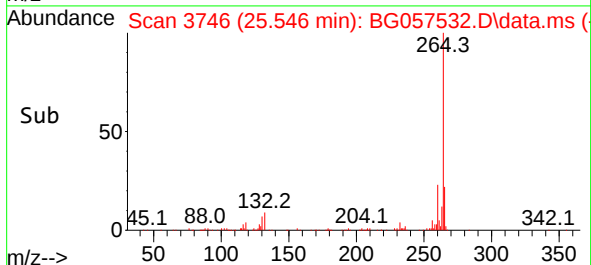
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

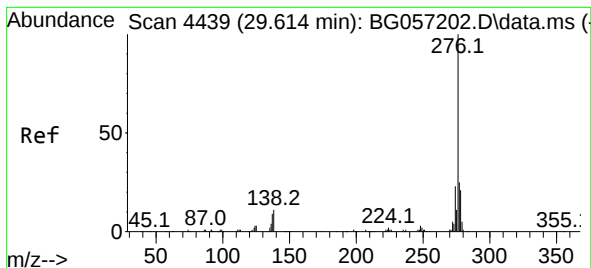


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.546 min Scan# 3746
Delta R.T. 0.003 min
Lab File: BG057532.D
Acq: 24 May 2023 11:54



Tgt Ion:264 Resp: 138007
Ion Ratio Lower Upper
264 100
260 22.8 18.8 28.2
265 22.8 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.848 ng

RT: 29.616 min Scan# 4439

Delta R.T. -0.003 min

Lab File: BG057532.D

Acq: 24 May 2023 11:54

Instrument :

BNA_G

ClientSampleId :

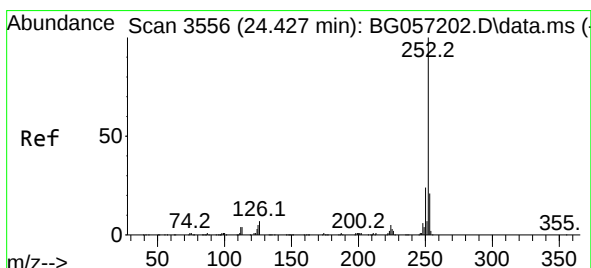
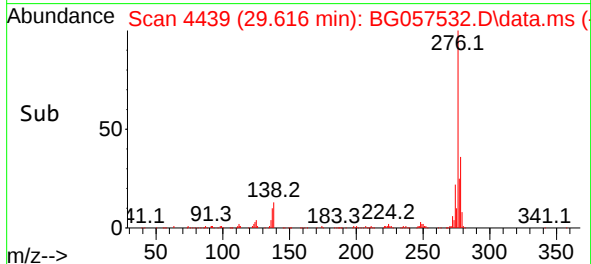
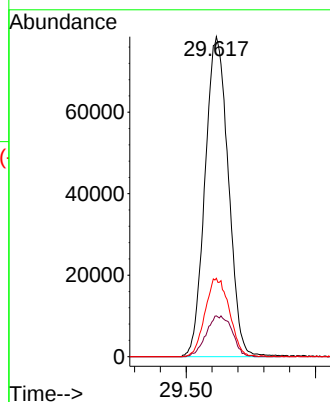
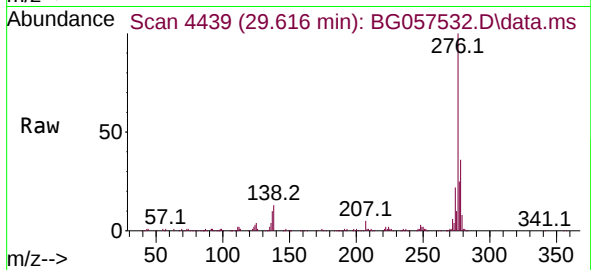
PB152934BS

Tgt Ion:276 Resp: 491324
 Ion Ratio Lower Upper
 276 100
 138 7.5 5.4 8.0
 277 25.6 20.6 30.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/25/2023
 Supervised By :Jagrut Upadhyay 05/25/2023



#88

Benzo(b)fluoranthene

Concen: 48.634 ng

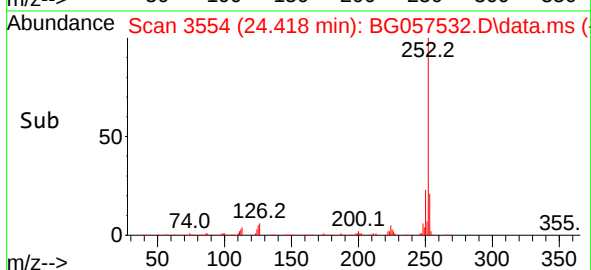
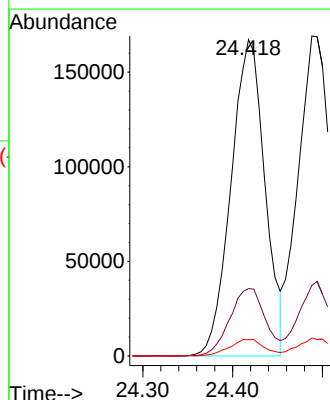
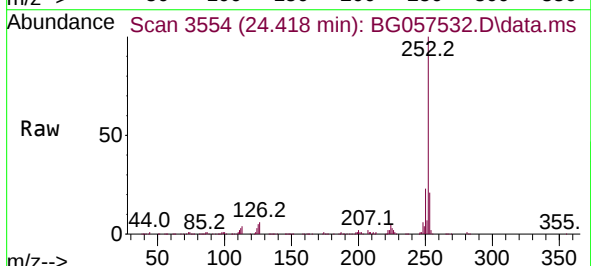
RT: 24.418 min Scan# 3554

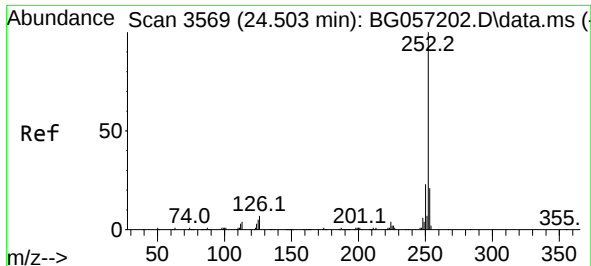
Delta R.T. -0.003 min

Lab File: BG057532.D

Acq: 24 May 2023 11:54

Tgt Ion:252 Resp: 438746
 Ion Ratio Lower Upper
 252 100
 253 21.3 17.0 25.6
 125 5.2 4.2 6.2





#89

Benzo(k)fluoranthene

Concen: 46.938 ng

RT: 24.488 min Scan# 3

Delta R.T. -0.009 min

Lab File: BG057532.D

Acq: 24 May 2023 11:54

Instrument :

BNA_G

ClientSampleId :

PB152934BS

Tgt Ion:252 Resp: 43030

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

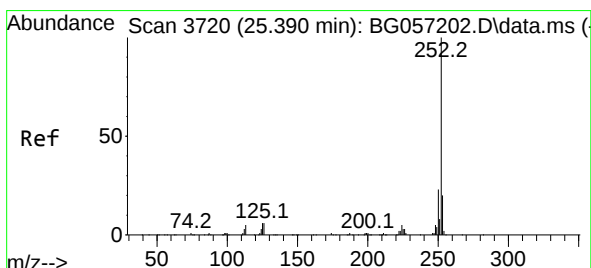
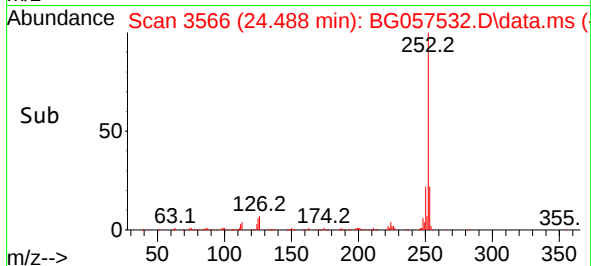
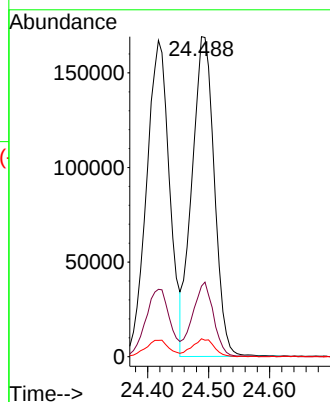
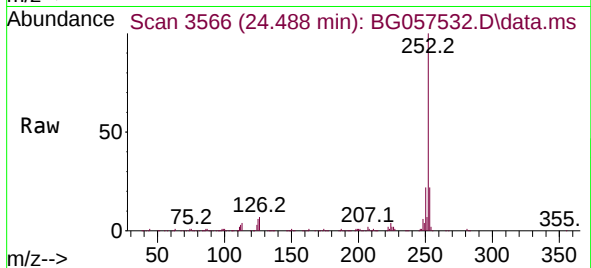
125 5.6 4.1 6.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/25/2023

Supervised By :Jagrut Upadhyay 05/25/2023



#90

Benzo(a)pyrene

Concen: 44.158 ng

RT: 25.381 min Scan# 3718

Delta R.T. -0.003 min

Lab File: BG057532.D

Acq: 24 May 2023 11:54

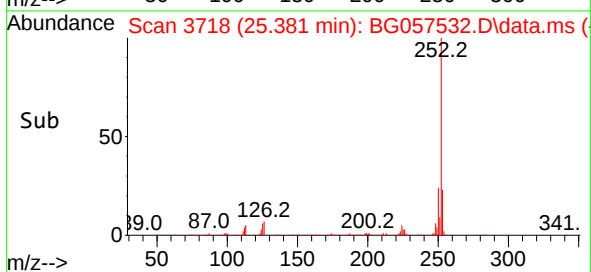
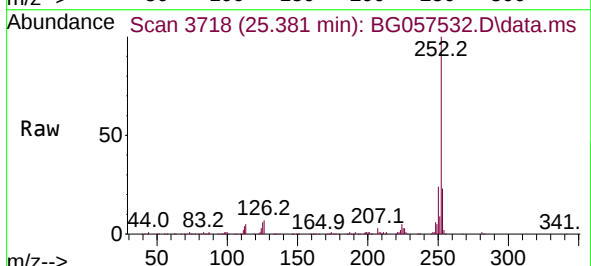
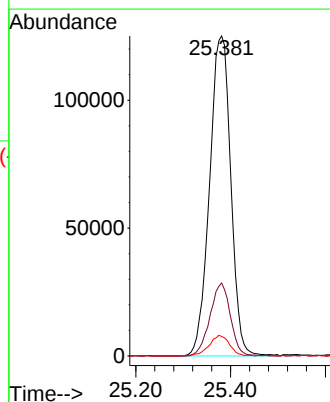
Tgt Ion:252 Resp: 389192

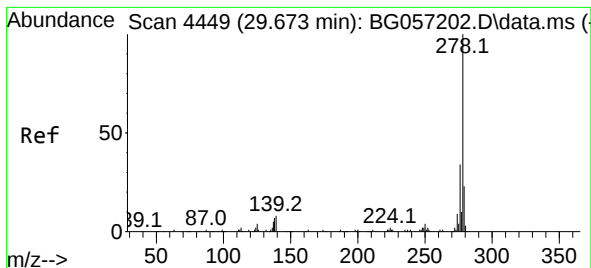
Ion Ratio Lower Upper

252 100

253 22.8 16.3 24.5

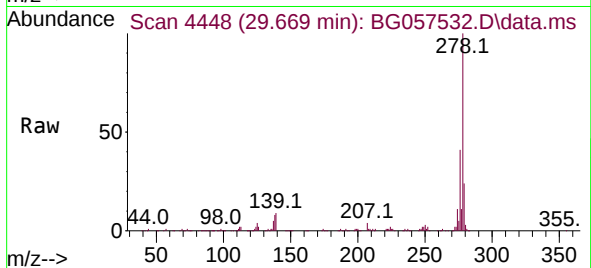
125 6.1 5.0 7.4





#91
Dibenzo(a,h)anthracene
Concen: 49.060 ng
RT: 29.669 min Scan# 4448
Delta R.T. 0.009 min
Lab File: BG057532.D
Acq: 24 May 2023 11:54

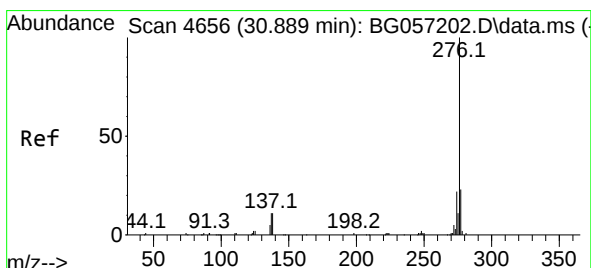
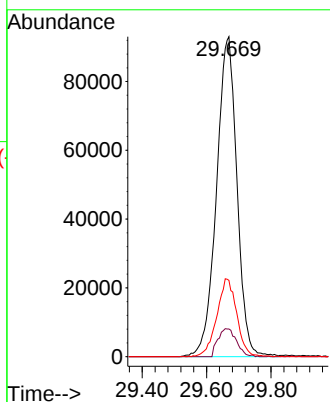
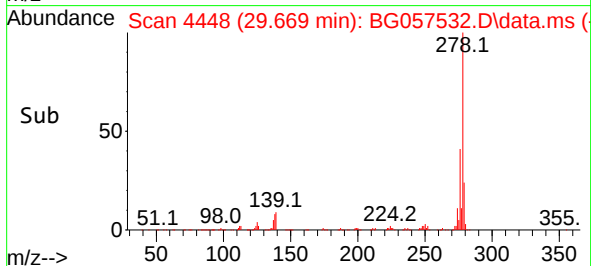
Instrument :
BNA_G
ClientSampleId :
PB152934BS



Tgt Ion:278 Resp: 41094
Ion Ratio Lower Upper
278 100
139 8.6 6.2 9.2
279 23.9 18.6 27.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#92
Benzo(g,h,i)perylene
Concen: 48.676 ng
RT: 30.891 min Scan# 4656
Delta R.T. -0.003 min
Lab File: BG057532.D
Acq: 24 May 2023 11:54

Tgt Ion:276 Resp: 398115
Ion Ratio Lower Upper
276 100
277 23.5 18.4 27.6
138 11.7 9.0 13.4

