

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072823\
 Data File : BG058524.D
 Acq On : 28 Jul 2023 19:00
 Operator : MA/JU
 Sample : PB154164BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154164BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/29/2023
 Supervised By :mohammad ahmed 07/29/2023

Quant Time: Jul 28 22:54:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	46390	20.000	ng	0.00
21) Naphthalene-d8	10.615	136	189246	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	129046	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	325263	20.000	ng	0.00
76) Chrysene-d12	21.449	240	286149	20.000	ng	0.00
86) Perylene-d12	24.516	264	364427	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	461877	152.179	ng	0.00
7) Phenol-d6	6.989	99	608080	143.983	ng	0.00
23) Nitrobenzene-d5	8.981	82	365913	94.985	ng	0.00
42) 2,4,6-Tribromophenol	15.955	330	305160	144.273	ng	0.00
45) 2-Fluorobiphenyl	13.082	172	801498	93.077	ng	0.00
79) Terphenyl-d14	19.827	244	1485919	97.652	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.264	88	60287	40.992	ng	99
3) Pyridine	3.658	79	148363	37.001	ng	96
4) n-Nitrosodimethylamine	3.582	42	80503	47.385	ng	99
6) Aniline	7.142	93	231186	44.462	ng	99
8) 2-Chlorophenol	7.377	128	163847	55.029	ng	99
9) Benzaldehyde	6.948	77	105266	45.877	ng	98
10) Phenol	7.013	94	220468	53.441	ng	99
11) bis(2-Chloroethyl)ether	7.236	93	156827	48.219	ng	97
12) 1,3-Dichlorobenzene	7.700	146	165202	51.960	ng	98
13) 1,4-Dichlorobenzene	7.847	146	167653	52.516	ng	97
14) 1,2-Dichlorobenzene	8.165	146	161961	53.064	ng	99
15) Benzyl Alcohol	8.059	79	146146	54.567	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.347	45	263433	49.863	ng	100
17) 2-Methylphenol	8.264	107	148740	49.309	ng	99
18) Hexachloroethane	8.887	117	60368	52.026	ng	88
19) n-Nitroso-di-n-propyla...	8.623	70	129901	47.619	ng	98
20) 3+4-Methylphenols	8.593	107	206696	50.658	ng	99
22) Acetophenone	8.640	105	253100	49.948	ng	# 97
24) Nitrobenzene	9.022	77	191027	48.776	ng	98
25) Isophorone	9.539	82	372377	46.784	ng	100
26) 2-Nitrophenol	9.733	139	87357	51.242	ng	97
27) 2,4-Dimethylphenol	9.792	122	154334	54.578	ng	97
28) bis(2-Chloroethoxy)met...	10.027	93	213487	49.285	ng	99
29) 2,4-Dichlorophenol	10.268	162	155425	52.936	ng	99
30) 1,2,4-Trichlorobenzene	10.480	180	170787	50.439	ng	99
31) Naphthalene	10.668	128	488673	48.993	ng	99
32) Benzoic acid	9.957	122	101585	47.147	ng	96
33) 4-Chloroaniline	10.779	127	145388	34.500	ng	98
34) Hexachlorobutadiene	10.944	225	107121	49.125	ng	97
35) Caprolactam	11.561	113	56607m	52.210	ng	
36) 4-Chloro-3-methylphenol	11.913	107	187061	51.503	ng	99
37) 2-Methylnaphthalene	12.277	142	332942	46.664	ng	99
38) 1-Methylnaphthalene	12.501	142	313336	46.200	ng	98
40) 1,2,4,5-Tetrachloroben...	12.653	216	188048	47.465	ng	98
41) Hexachlorocyclopentadiene	12.630	237	226081	119.210	ng	99
43) 2,4,6-Trichlorophenol	12.894	196	139695	51.264	ng	96

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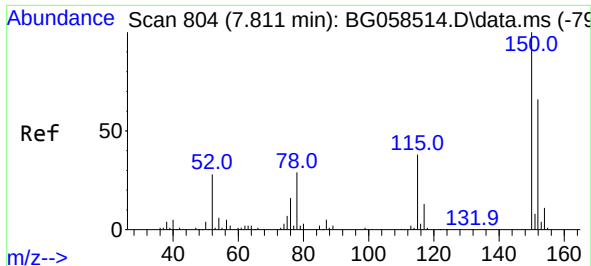
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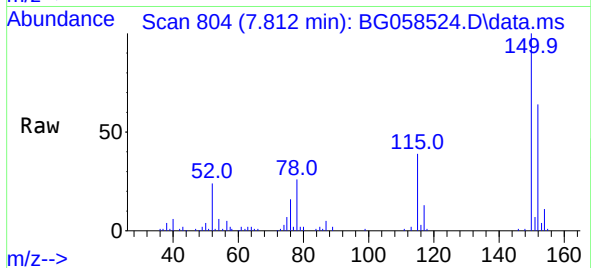
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.971	196	149845	46.686	ng	99
46) 1,1'-Biphenyl	13.294	154	436578	49.263	ng	99
47) 2-Chloronaphthalene	13.335	162	346335	50.121	ng	98
48) 2-Nitroaniline	13.547	65	133848	50.749	ng	93
49) Acenaphthylene	14.187	152	569111	49.194	ng	99
50) Dimethylphthalate	13.923	163	473226	48.828	ng	99
51) 2,6-Dinitrotoluene	14.046	165	106782	50.214	ng	97
52) Acenaphthene	14.528	154	330581	49.453	ng	98
53) 3-Nitroaniline	14.375	138	88920	41.794	ng	96
54) 2,4-Dinitrophenol	14.586	184	122639	100.218	ng	98
55) Dibenzofuran	14.863	168	552778	48.124	ng	99
56) 4-Nitrophenol	14.692	139	177387	111.166	ng	98
57) 2,4-Dinitrotoluene	14.833	165	155549	52.761	ng	97
58) Fluorene	15.509	166	448718	49.175	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.092	232	145893	53.268	ng	98
60) Diethylphthalate	15.280	149	484666	49.088	ng	99
61) 4-Chlorophenyl-phenyle...	15.503	204	245907	48.338	ng	97
62) 4-Nitroaniline	15.544	138	110970	55.060	ng	97
63) Azobenzene	15.797	77	474824	48.825	ng	98
65) 4,6-Dinitro-2-methylph...	15.597	198	96661	53.896	ng	99
66) n-Nitrosodiphenylamine	15.720	169	406715	48.043	ng	99
67) 4-Bromophenyl-phenylether	16.396	248	173870	47.130	ng	97
68) Hexachlorobenzene	16.514	284	196907	50.369	ng	100
69) Atrazine	16.666	200	173456	60.695	ng	98
70) Pentachlorophenol	16.860	266	232023	98.058	ng	99
71) Phenanthrene	17.248	178	750530	48.655	ng	100
72) Anthracene	17.342	178	771094	48.718	ng	99
73) Carbazole	17.612	167	724155	51.884	ng	100
74) Di-n-butylphthalate	18.165	149	880873	50.387	ng	100
75) Fluoranthene	19.263	202	921587	49.737	ng	100
77) Benzidine	19.445	184	448517	103.365	ng	98
78) Pyrene	19.628	202	937667	48.150	ng	100
80) Butylbenzylphthalate	20.515	149	387555	48.450	ng	99
81) Benzo(a)anthracene	21.431	228	949822	48.233	ng	100
82) 3,3'-Dichlorobenzidine	21.349	252	304658	45.757	ng	99
83) Chrysene	21.496	228	883827	46.810	ng	100
84) Bis(2-ethylhexyl)phtha...	21.331	149	565563	48.383	ng	99
85) Di-n-octyl phthalate	22.483	149	1005124	48.908	ng	100
87) Indeno(1,2,3-cd)pyrene	28.006	276	1227319	50.623	ng	# 92
88) Benzo(b)fluoranthene	23.547	252	1018403	51.524	ng	99
89) Benzo(k)fluoranthene	23.611	252	1006394	50.683	ng	100
90) Benzo(a)pyrene	24.375	252	905739	46.661	ng	100
91) Dibenzo(a,h)anthracene	28.065	278	1017054	50.735	ng	99
92) Benzo(g,h,i)perylene	29.111	276	996379	49.567	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.812 min Scan# 80
Delta R.T. 0.001 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00

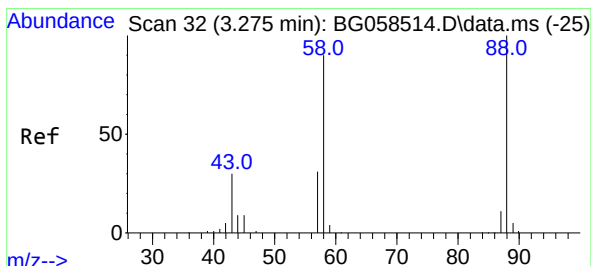
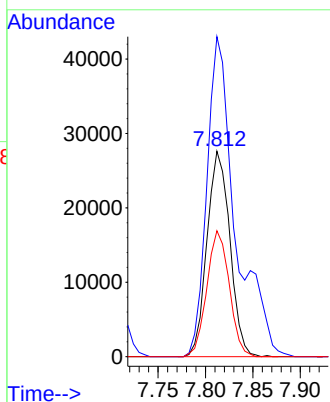
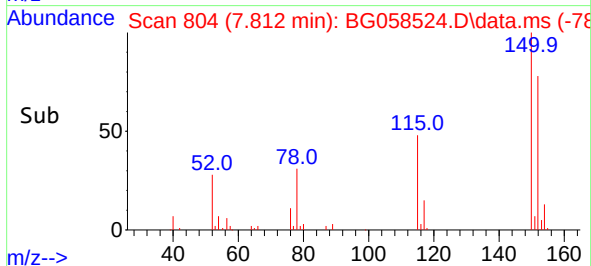
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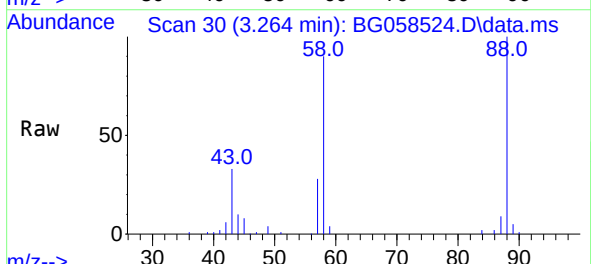
Tgt Ion:152 Resp: 46390
Ion Ratio Lower Upper
152 100
150 155.8 120.5 180.7
115 61.3 45.9 68.9

Manual Integrations
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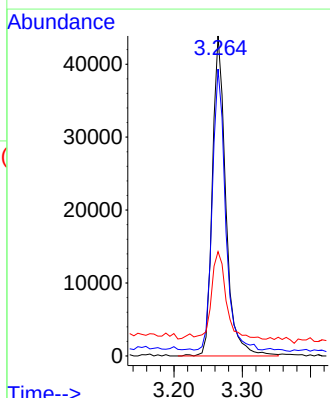
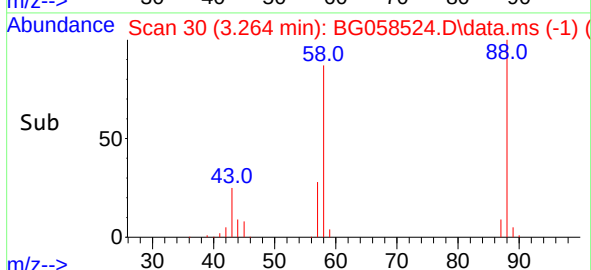
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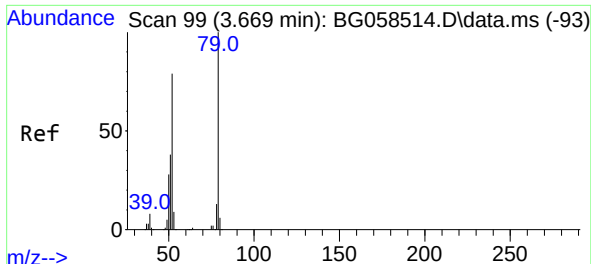


#2
1,4-Dioxane
Concen: 40.992 ng
RT: 3.264 min Scan# 30
Delta R.T. -0.011 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00



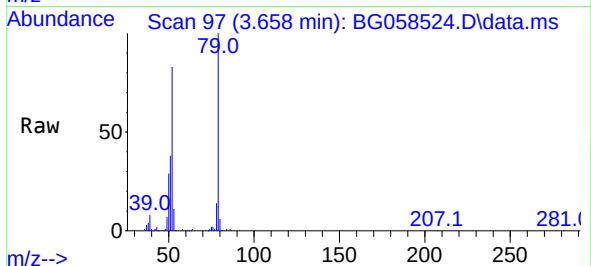
Tgt Ion: 88 Resp: 60287
Ion Ratio Lower Upper
88 100
58 85.7 68.9 103.3
43 29.1 22.9 34.3





#3
Pyridine
Concen: 37.001 ng
RT: 3.658 min Scan# 91
Delta R.T. -0.011 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00

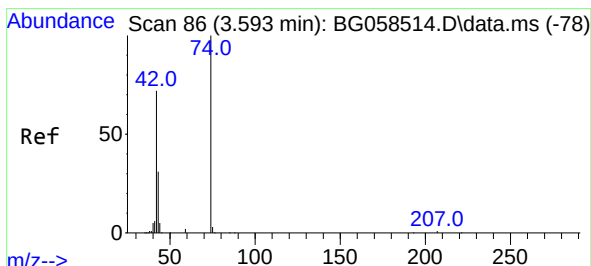
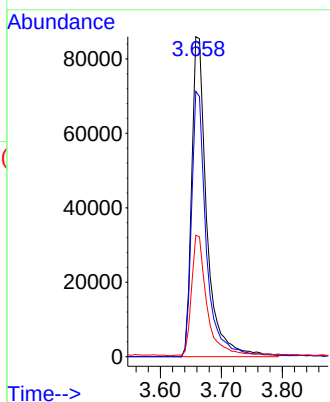
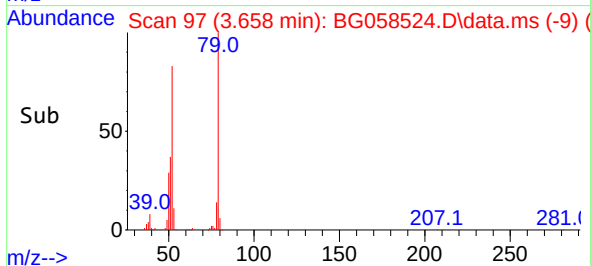
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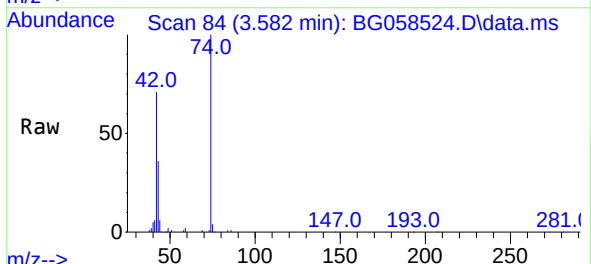
Tgt Ion: 79 Resp: 14836
Ion Ratio Lower Upper
79 100
52 82.9 63.2 94.8
51 38.0 31.9 47.9

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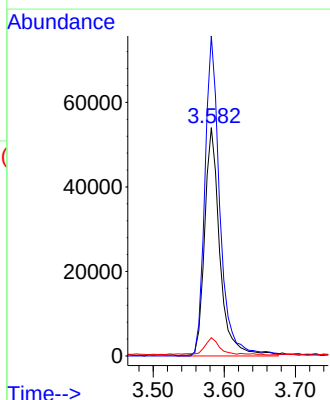
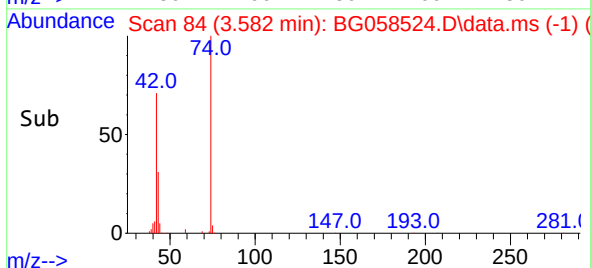
Reviewed By :Yogesh Patel 07/29/2023
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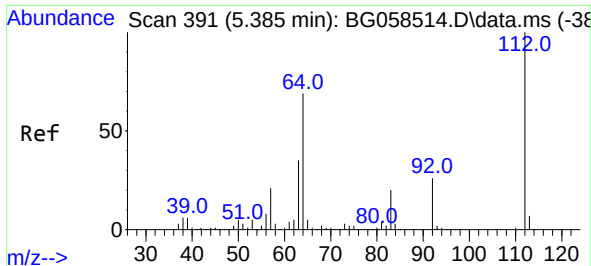


#4
n-Nitrosodimethylamine
Concen: 47.385 ng
RT: 3.582 min Scan# 84
Delta R.T. -0.011 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00



Tgt Ion: 42 Resp: 80503
Ion Ratio Lower Upper
42 100
74 140.2 111.5 167.3
44 8.0 5.4 8.2





#5
2-Fluorophenol
Concen: 152.179 ng
RT: 5.385 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00

Instrument :

BNA_G

ClientSampleId :

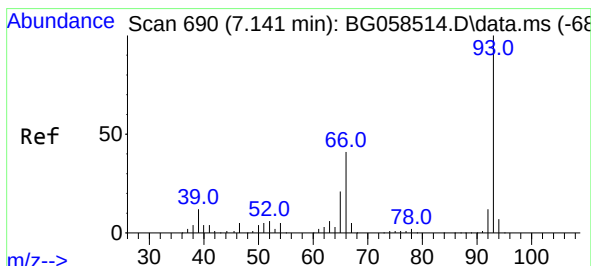
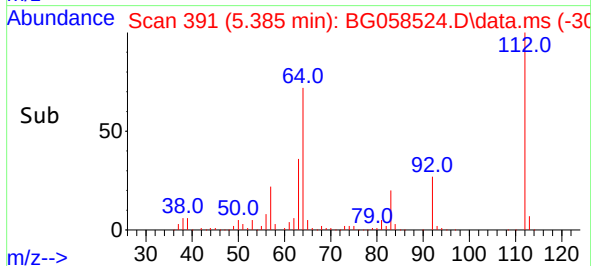
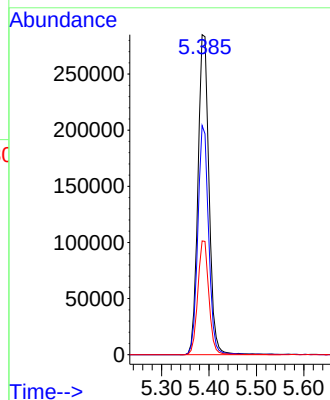
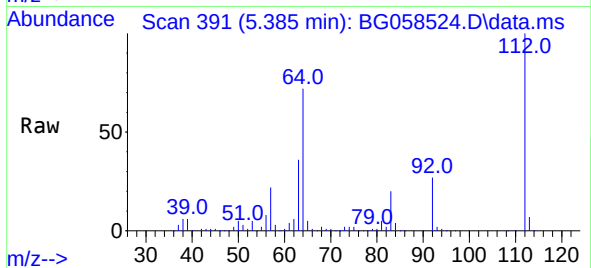
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Tgt Ion:112 Resp: 46187
Ion Ratio Lower Upper
112 100
64 71.6 55.3 82.9
63 35.6 28.3 42.5

Manual Integrations

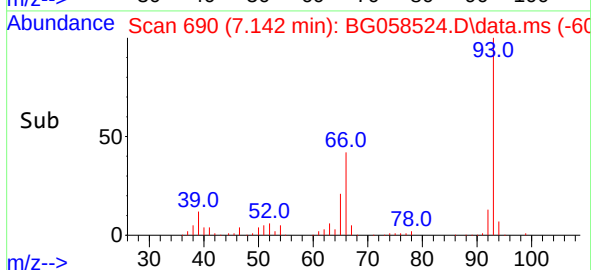
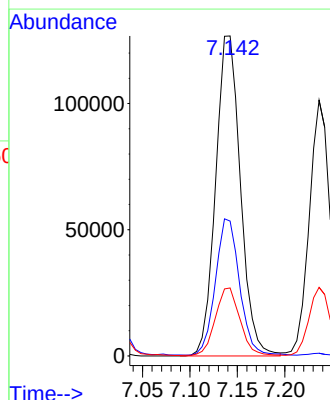
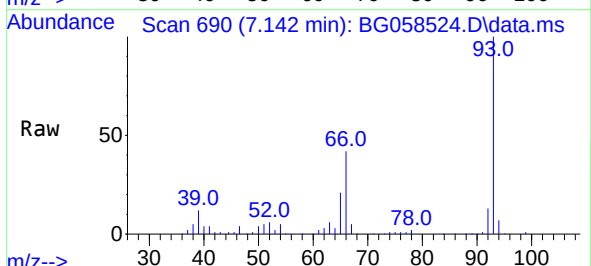
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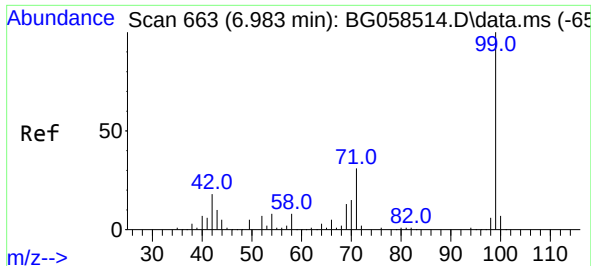
Reviewed By :Yogesh Patel 07/29/2023
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#6
Aniline
Concen: 44.462 ng
RT: 7.142 min Scan# 690
Delta R.T. 0.001 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00

Tgt Ion: 93 Resp: 231186
Ion Ratio Lower Upper
93 100
66 42.2 33.1 49.7
65 21.2 17.0 25.4





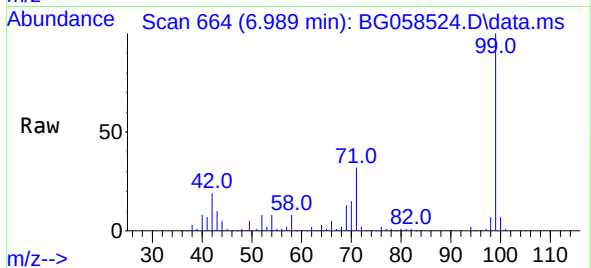
#7
Phenol-d6
Concen: 143.983 ng
RT: 6.989 min Scan# 60
Delta R.T. 0.007 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00

Instrument :

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ClientSampleId :

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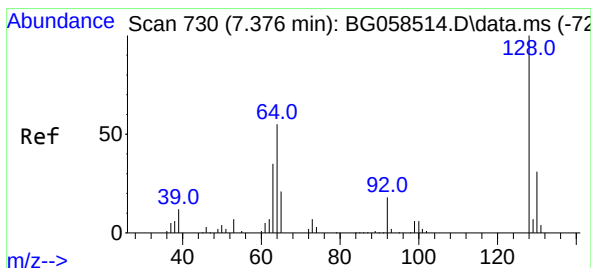
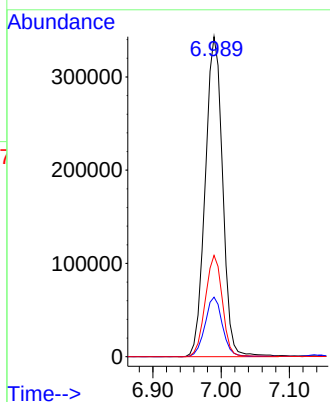
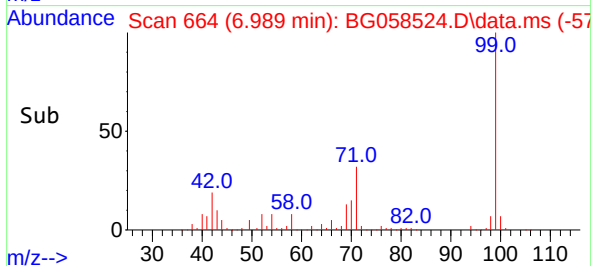


Tgt Ion: 99 Resp: 608080
Ion Ratio Lower Upper
99 100
42 18.6 14.6 21.8
71 31.7 25.0 37.4

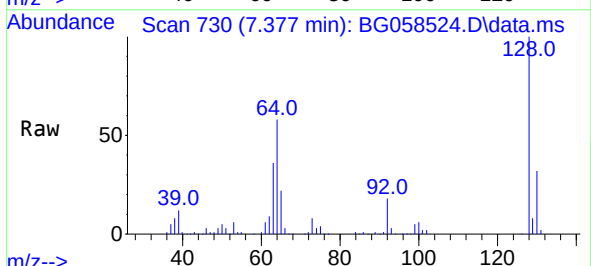
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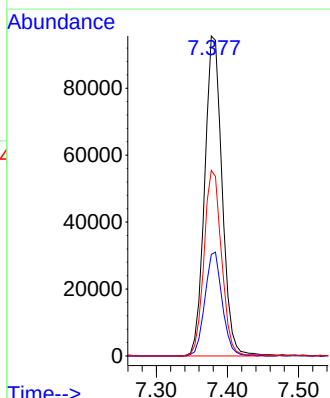
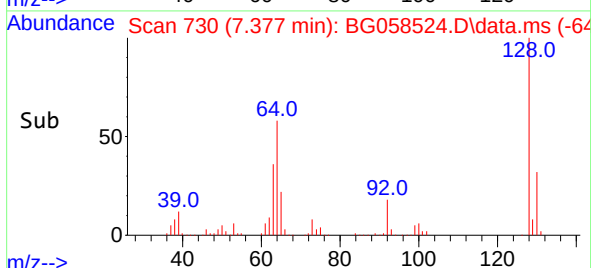
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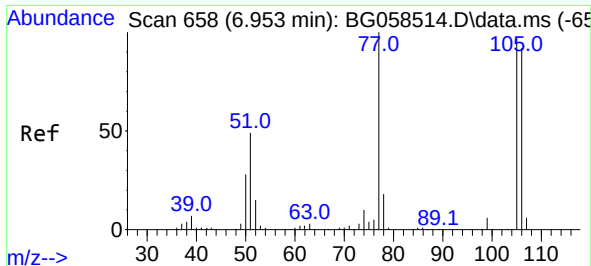


#8
2-Chlorophenol
Concen: 55.029 ng
RT: 7.377 min Scan# 730
Delta R.T. 0.001 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00



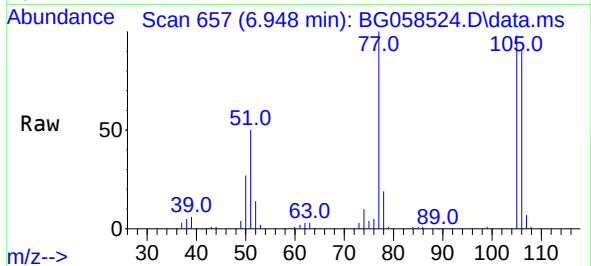
Tgt Ion:128 Resp: 163847
Ion Ratio Lower Upper
128 100
130 31.8 10.9 50.9
64 58.0 39.0 79.0





#9
Benzaldehyde
Concen: 45.877 ng
RT: 6.948 min Scan# 657
Delta R.T. -0.005 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00

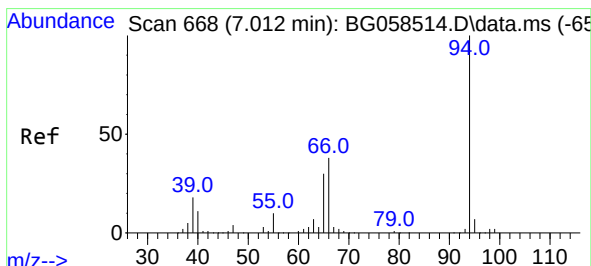
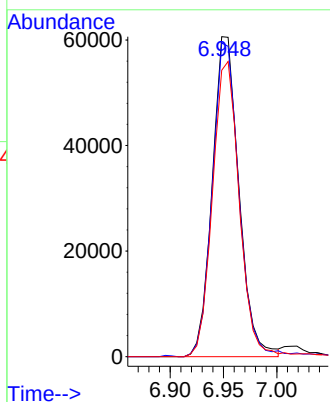
Instrument :
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Tgt Ion: 77 Resp: 105260
Ion Ratio Lower Upper
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105 98.0 77.1 117.1
106 89.5 71.6 111.6

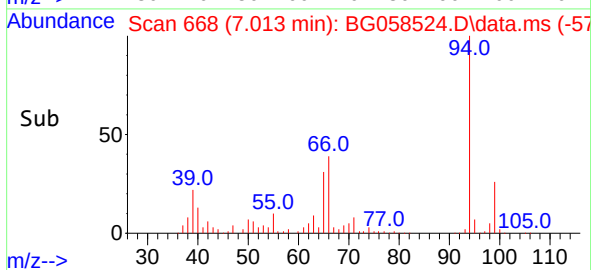
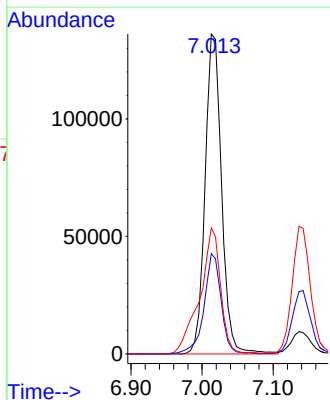
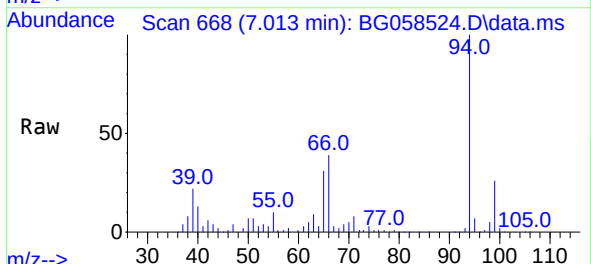
Manual Integrations
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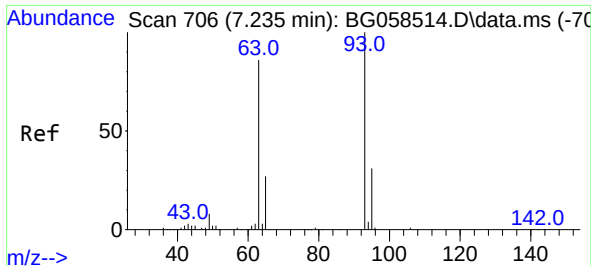
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023



#10
Phenol
Concen: 53.441 ng
RT: 7.013 min Scan# 668
Delta R.T. 0.001 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00

Tgt Ion: 94 Resp: 220468
Ion Ratio Lower Upper
94 100
65 31.3 10.4 50.4
66 39.4 18.7 58.7





#11
bis(2-Chloroethyl)ether
Concen: 48.219 ng
RT: 7.236 min Scan# 706
Delta R.T. 0.001 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00

Instrument :

BNA_G

ClientSampleId :

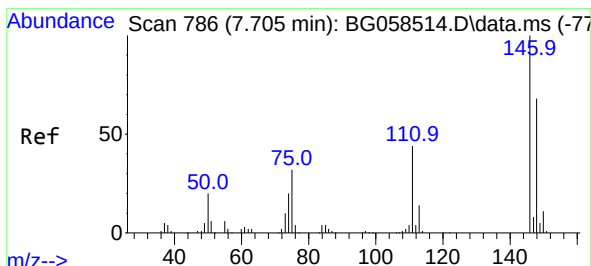
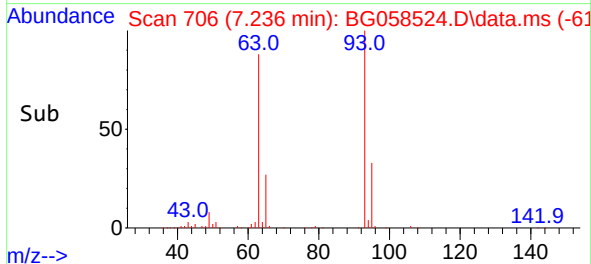
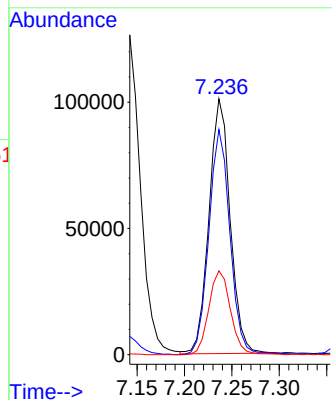
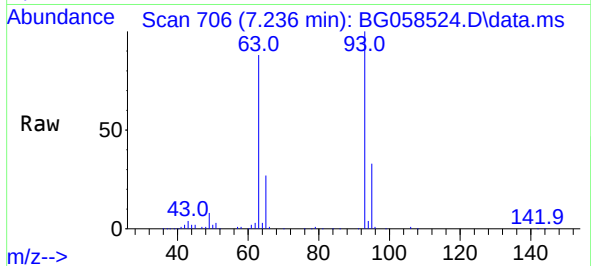
PB154164BSD

Tgt Ion: 93 Resp: 15682
Ion Ratio Lower Upper
93 100
63 88.0 65.5 105.5
95 32.8 11.2 51.2

Manual Integrations

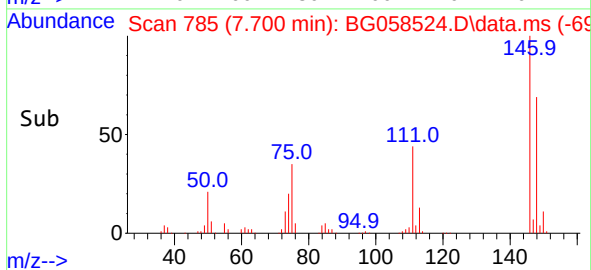
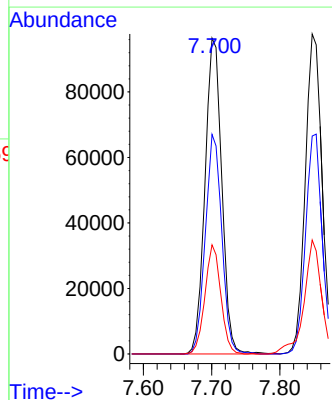
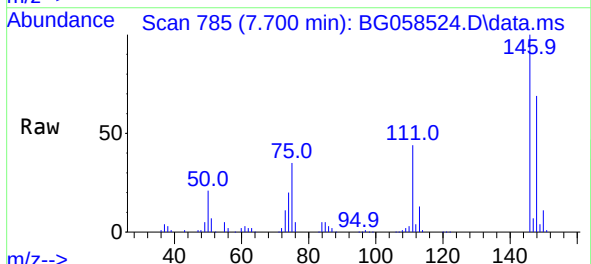
APPROVED

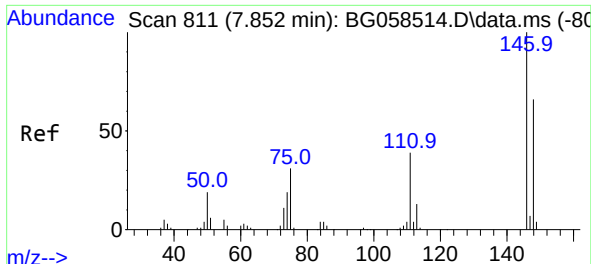
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023



#12
1,3-Dichlorobenzene
Concen: 51.960 ng
RT: 7.700 min Scan# 785
Delta R.T. -0.005 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00

Tgt Ion:146 Resp: 165202
Ion Ratio Lower Upper
146 100
148 69.5 54.7 82.1
75 34.6 25.8 38.8





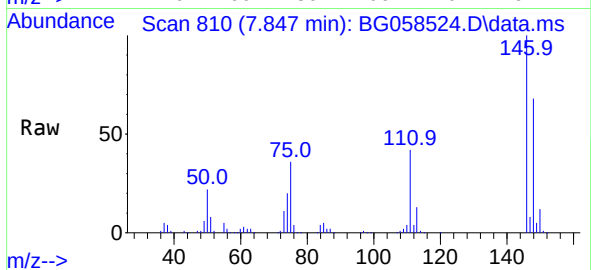
#13
1,4-Dichlorobenzene
Concen: 52.516 ng
RT: 7.847 min Scan# 811
Delta R.T. -0.005 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00

Instrument :

BNA_G

ClientSampleId :

PB154164BSD

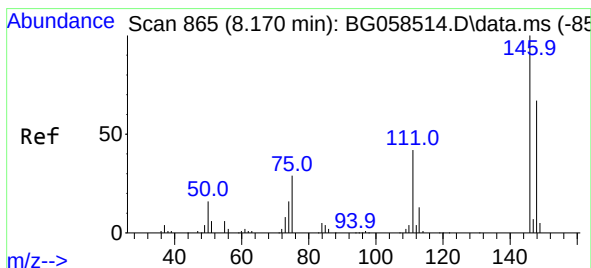
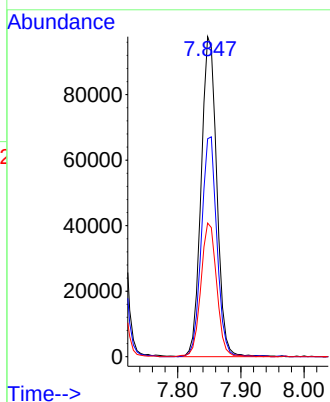
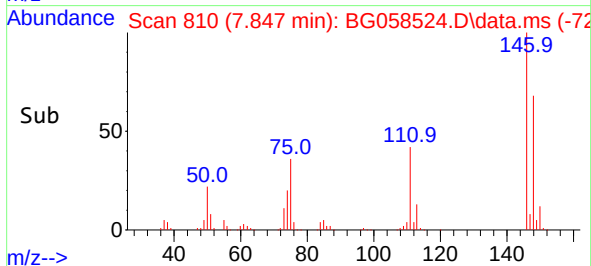


Tgt Ion:146 Resp: 16765
Ion Ratio Lower Upper
146 100
148 68.1 52.8 79.2
111 41.7 31.7 47.5

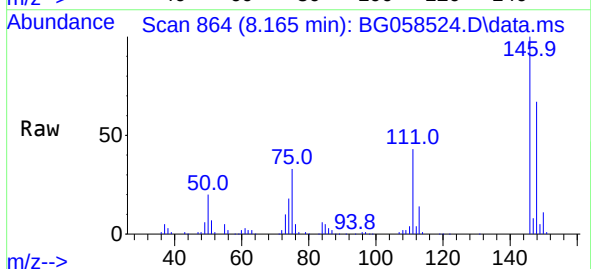
Manual Integrations

APPROVED

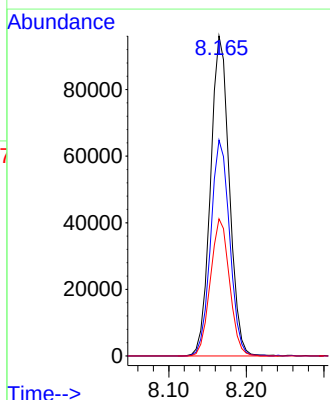
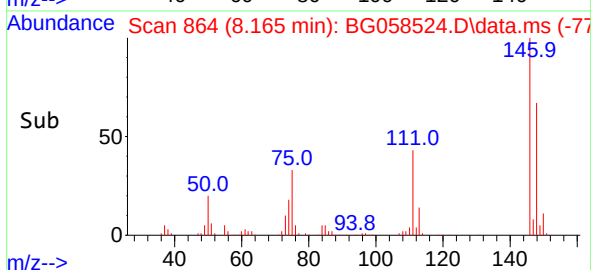
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023

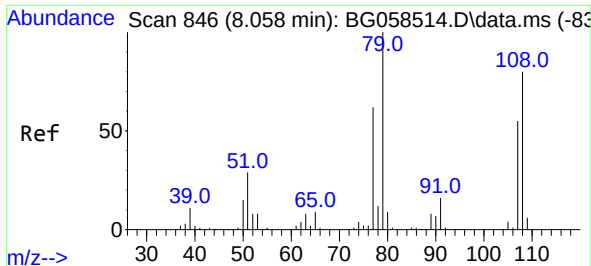


#14
1,2-Dichlorobenzene
Concen: 53.064 ng
RT: 8.165 min Scan# 864
Delta R.T. -0.005 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00



Tgt Ion:146 Resp: 161961
Ion Ratio Lower Upper
146 100
148 67.5 53.4 80.2
111 42.9 34.2 51.2





#15
Benzyl Alcohol
Concen: 54.567 ng
RT: 8.059 min Scan# 846
Delta R.T. 0.001 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00

Instrument :

BNA_G

ClientSampleId :

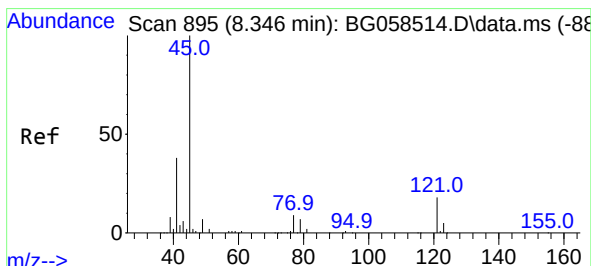
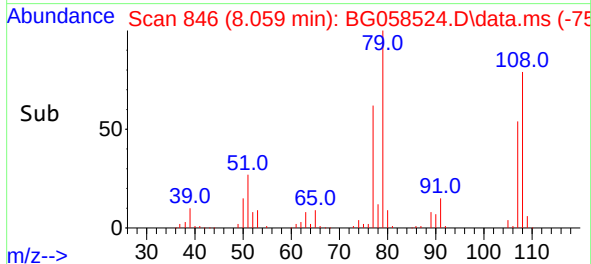
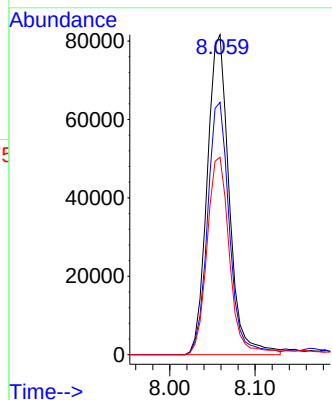
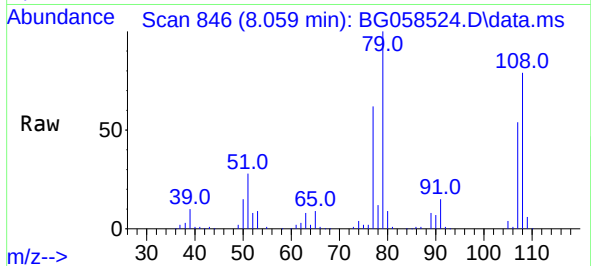
PB154164BSD

Tgt Ion: 79 Resp: 146140
Ion Ratio Lower Upper
79 100
108 78.9 63.8 95.6
77 61.7 49.8 74.6

Manual Integrations

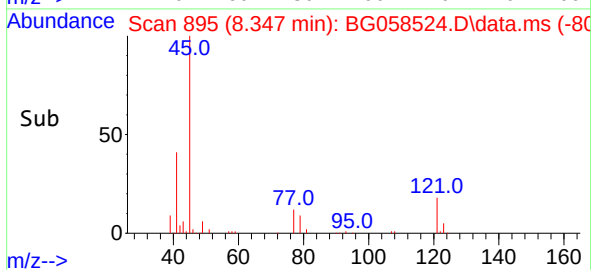
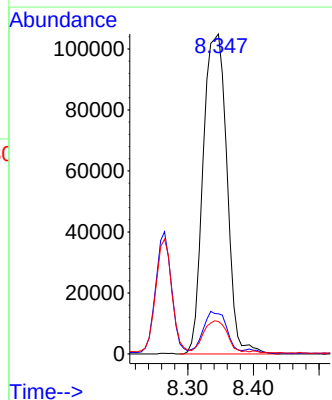
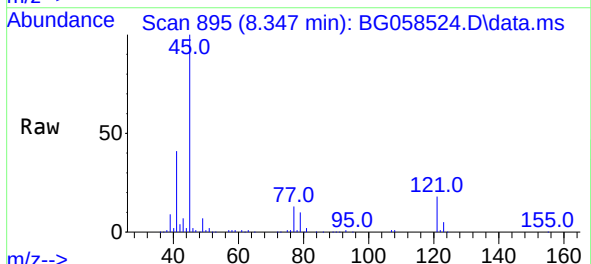
APPROVED

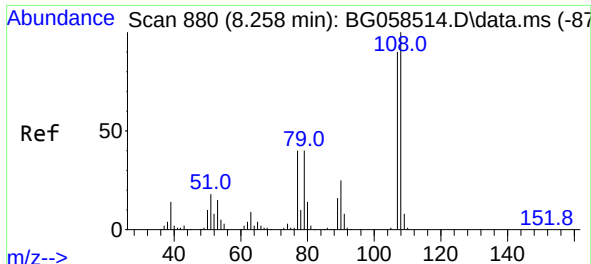
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.863 ng
RT: 8.347 min Scan# 895
Delta R.T. 0.001 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00

Tgt Ion: 45 Resp: 263433
Ion Ratio Lower Upper
45 100
77 12.5 0.0 32.6
79 10.1 0.0 30.2





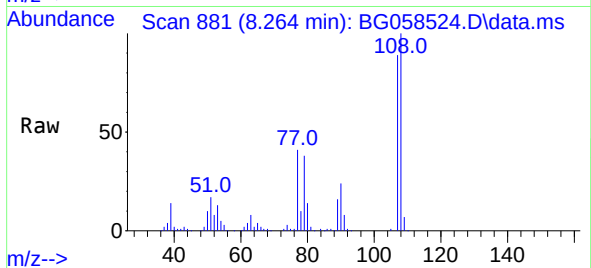
#17
2-Methylphenol
Concen: 49.309 ng
RT: 8.264 min Scan# 81
Delta R.T. 0.007 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00

Instrument :

BNA_G

ClientSampleId :

PB154164BSD

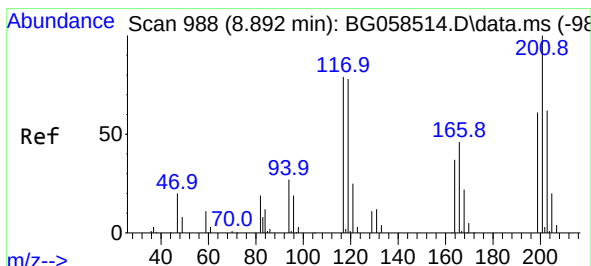
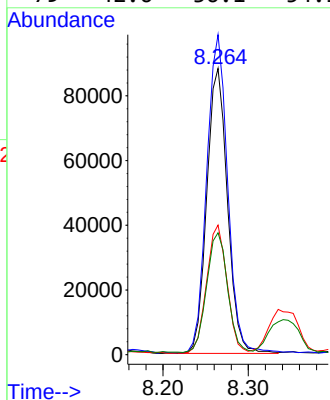
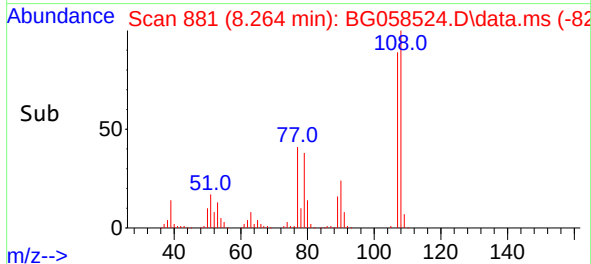


Tgt Ion:107 Resp: 148740
Ion Ratio Lower Upper
107 100
108 111.8 89.1 133.7
77 45.3 36.2 54.4
79 42.6 36.1 54.1

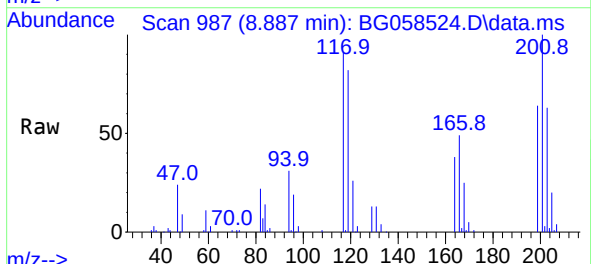
Manual Integrations

APPROVED

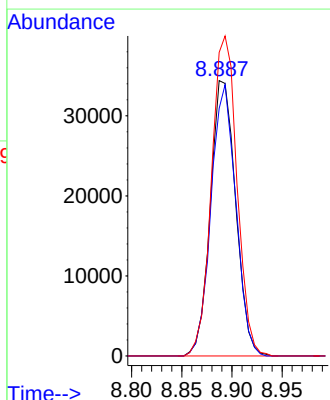
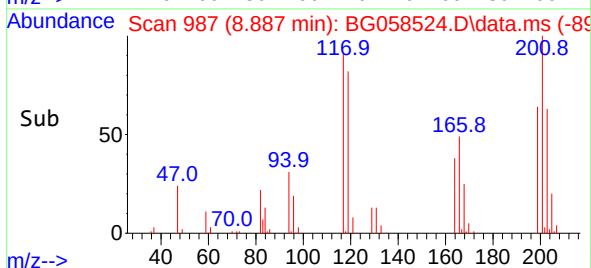
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023

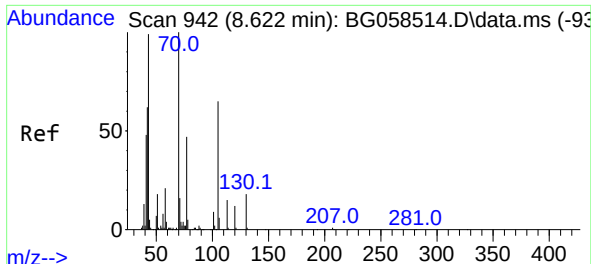


#18
Hexachloroethane
Concen: 52.026 ng
RT: 8.887 min Scan# 987
Delta R.T. -0.005 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00



Tgt Ion:117 Resp: 60368
Ion Ratio Lower Upper
117 100
119 89.9 78.6 117.8
201 110.2 101.4 152.0





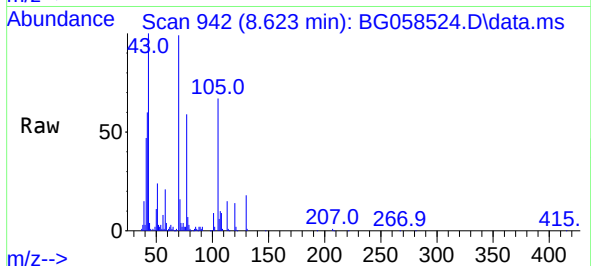
#19
n-Nitroso-di-n-propylamine
Concen: 47.619 ng
RT: 8.623 min Scan# 942
Delta R.T. 0.001 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00

Instrument :

BNA_G

ClientSampleId :

PB154164BSD

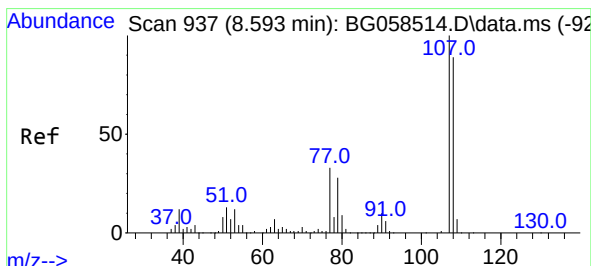
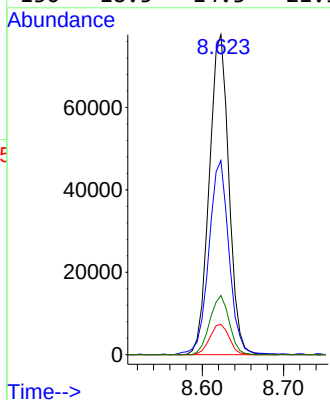
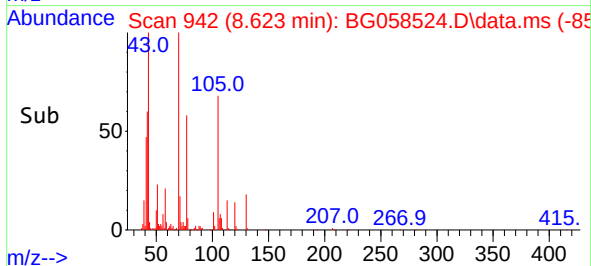


Tgt Ion: 70 Resp: 12990
Ion Ratio Lower Upper
70 100
42 60.6 49.7 74.5
101 9.5 7.0 10.4
130 18.5 14.3 21.5

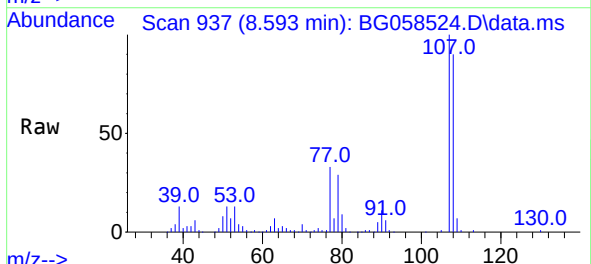
Manual Integrations

APPROVED

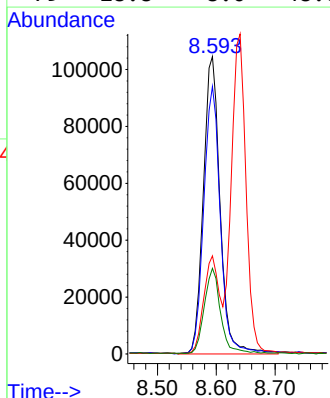
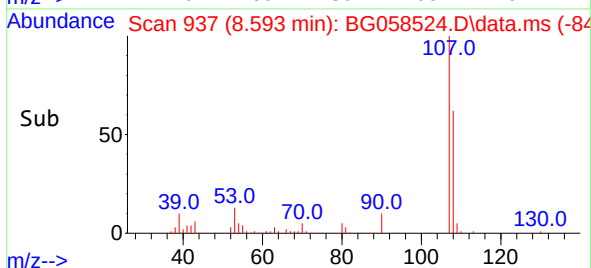
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023

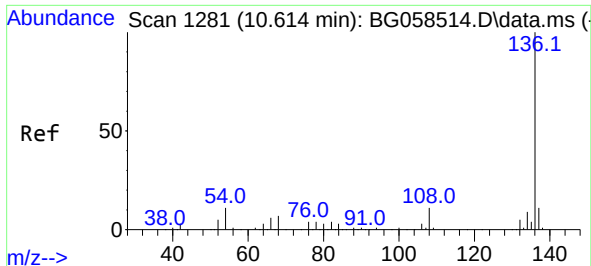


#20
3+4-Methylphenols
Concen: 50.658 ng
RT: 8.593 min Scan# 937
Delta R.T. 0.001 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00



Tgt Ion:107 Resp: 206696
Ion Ratio Lower Upper
107 100
108 90.0 69.4 109.4
77 33.0 13.0 53.0
79 28.8 8.0 48.0





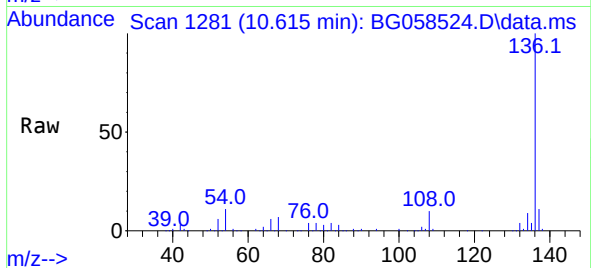
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.615 min Scan# 1281
Delta R.T. 0.001 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00

Instrument :

BNA_G

ClientSampleId :

PB154164BSD

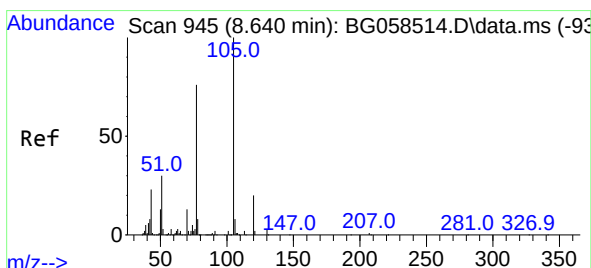
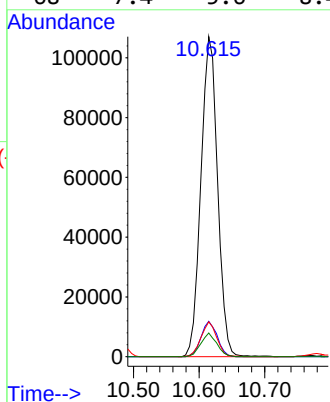
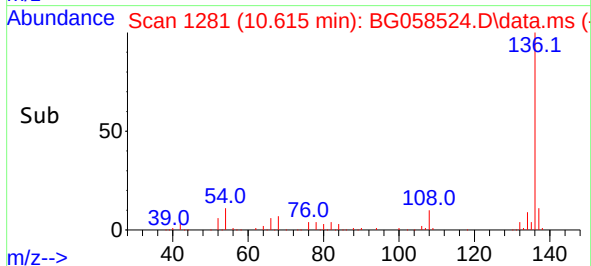


Tgt Ion:136 Resp: 189240
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 10.9 8.9 13.3
68 7.4 5.6 8.4

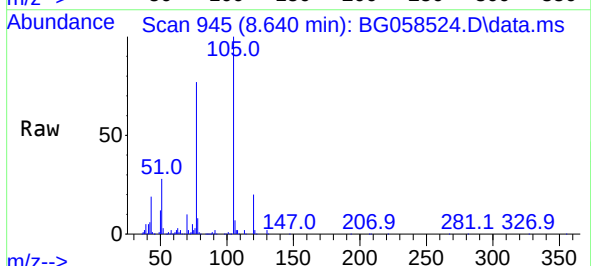
Manual Integrations

APPROVED

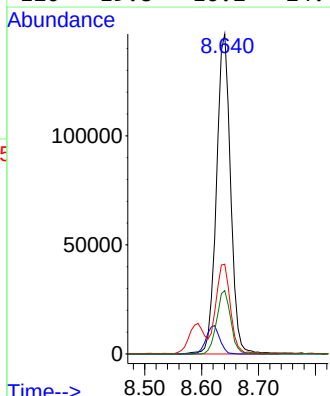
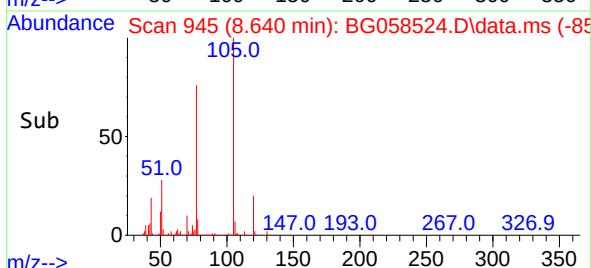
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023

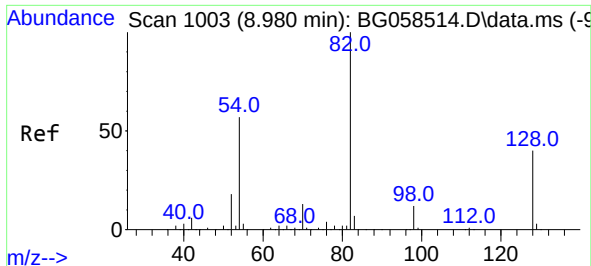


#22
Acetophenone
Concen: 49.948 ng
RT: 8.640 min Scan# 945
Delta R.T. 0.001 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00



Tgt Ion:105 Resp: 253100
Ion Ratio Lower Upper
105 100
71 1.6 1.8 2.6#
51 28.0 24.2 36.2
120 19.8 16.2 24.4





#23
Nitrobenzene-d5
Concen: 94.985 ng
RT: 8.981 min Scan# 1003
Delta R.T. 0.001 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00

Instrument :

BNA_G

ClientSampleId :

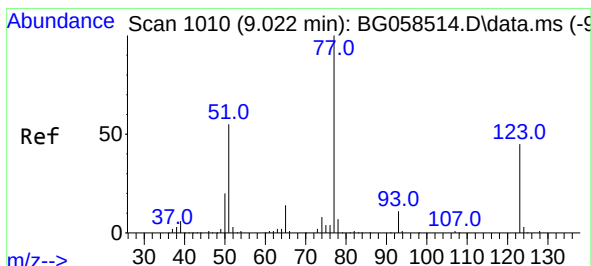
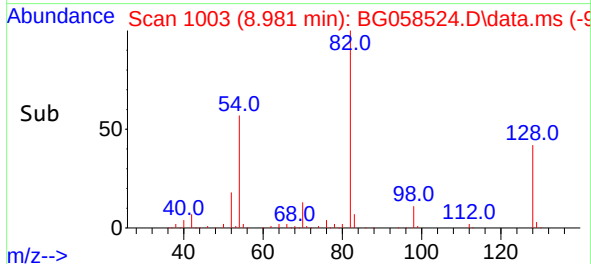
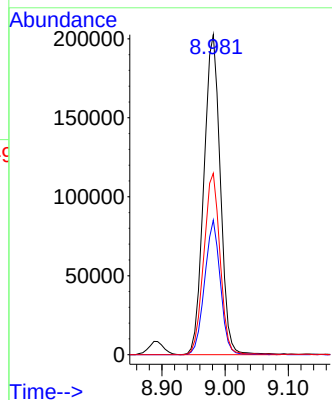
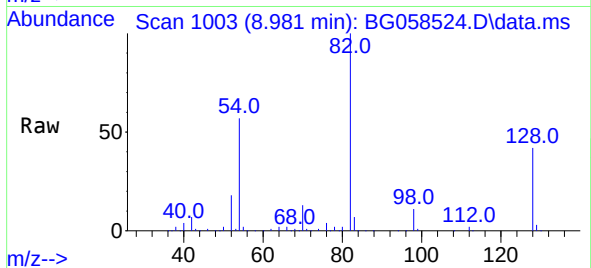
PB154164BSD

Tgt Ion: 82 Resp: 36591
Ion Ratio Lower Upper
82 100
128 42.0 32.2 48.2
54 56.7 46.0 69.0

Manual Integrations

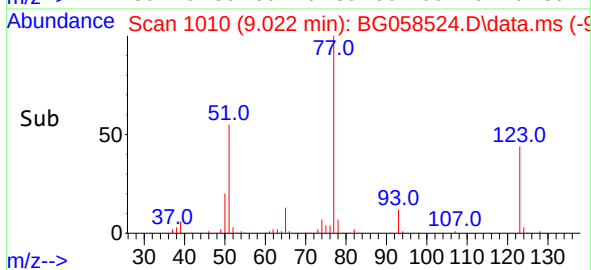
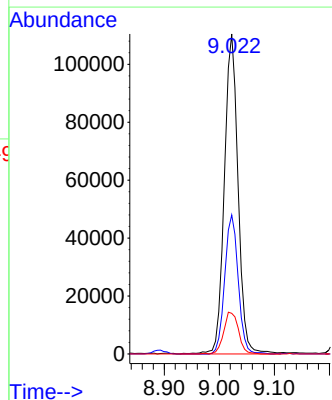
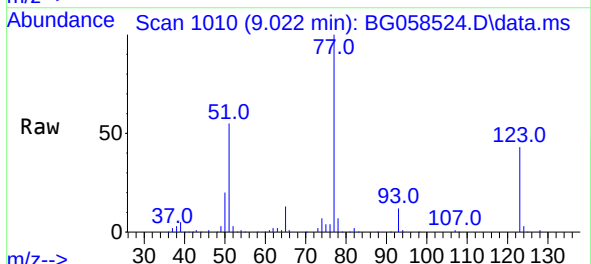
APPROVED

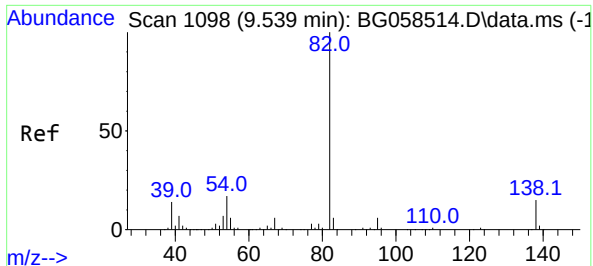
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023



#24
Nitrobenzene
Concen: 48.776 ng
RT: 9.022 min Scan# 1010
Delta R.T. 0.001 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00

Tgt Ion: 77 Resp: 191027
Ion Ratio Lower Upper
77 100
123 43.5 35.6 53.4
65 12.7 11.4 17.0





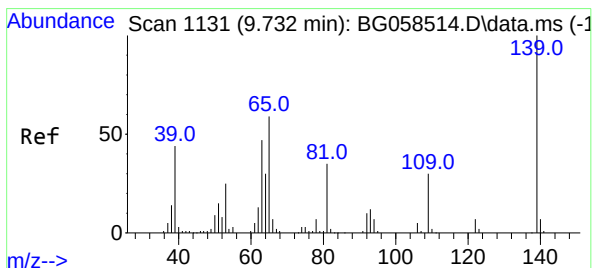
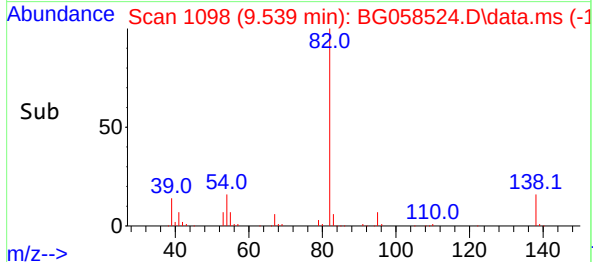
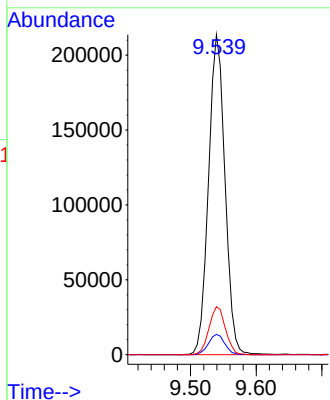
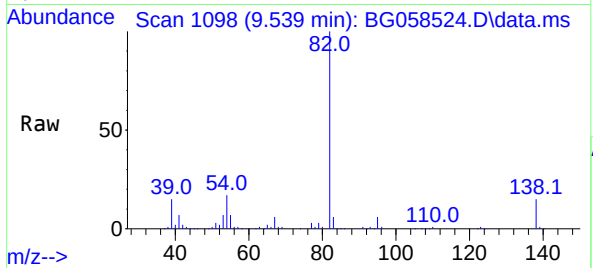
#25
Isophorone
Concen: 46.784 ng
RT: 9.539 min Scan# 1098
Delta R.T. 0.001 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00

Instrument :
BNA_G
ClientSampleId :
PB154164BSD

Tgt Ion: 82 Resp: 37237
Ion Ratio Lower Upper
82 100
95 6.3 5.1 7.7
138 15.0 11.9 17.9

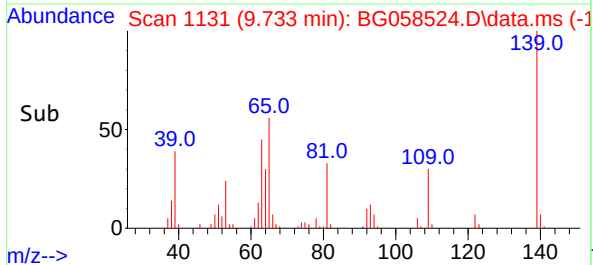
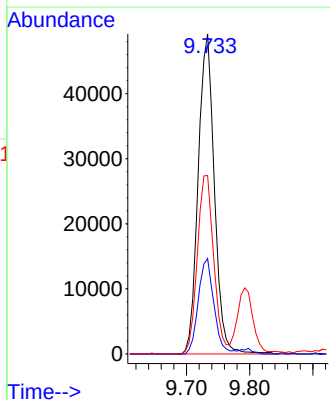
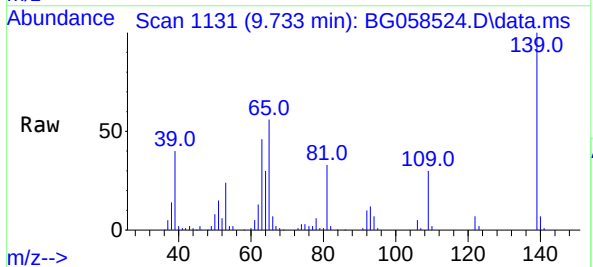
Manual Integrations
APPROVED

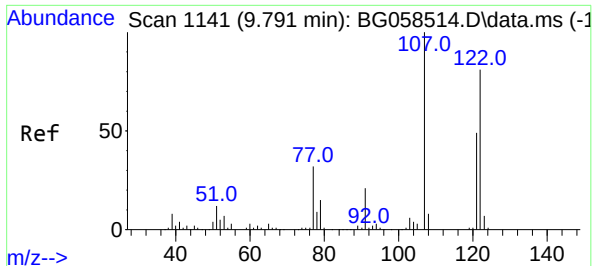
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023



#26
2-Nitrophenol
Concen: 51.242 ng
RT: 9.733 min Scan# 1131
Delta R.T. 0.001 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00

Tgt Ion:139 Resp: 87357
Ion Ratio Lower Upper
139 100
109 29.8 24.2 36.2
65 55.8 47.0 70.4





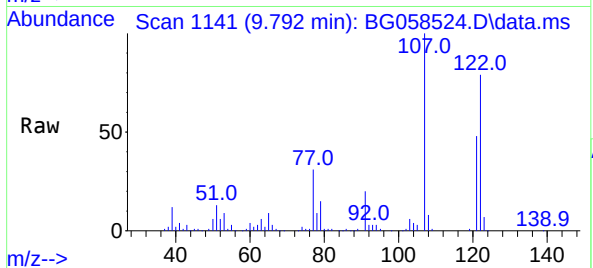
#27
2,4-Dimethylphenol
Concen: 54.578 ng
RT: 9.792 min Scan# 1141
Delta R.T. 0.001 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00

Instrument :

BNA_G

ClientSampleId :

PB154164BSD



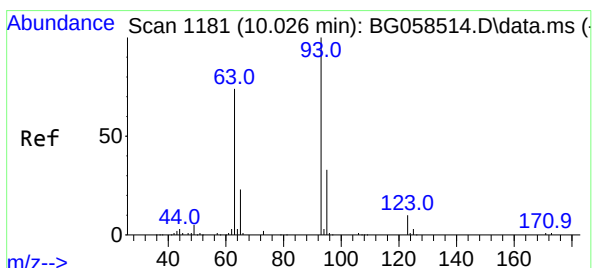
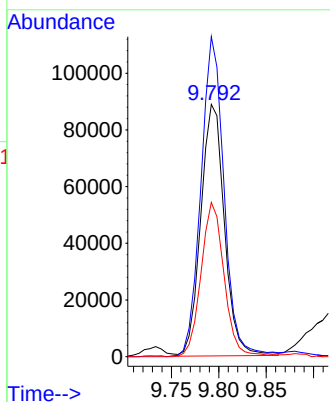
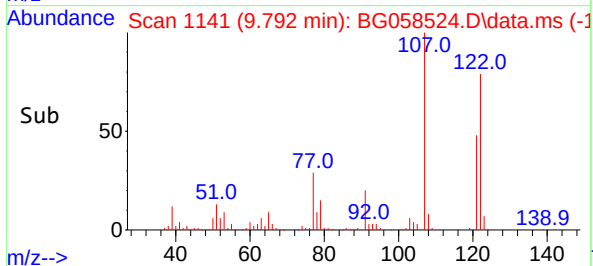
Tgt Ion:122 Resp: 154334
Ion Ratio Lower Upper
122 100
107 126.8 98.0 147.0
121 61.2 47.8 71.6

Manual Integrations

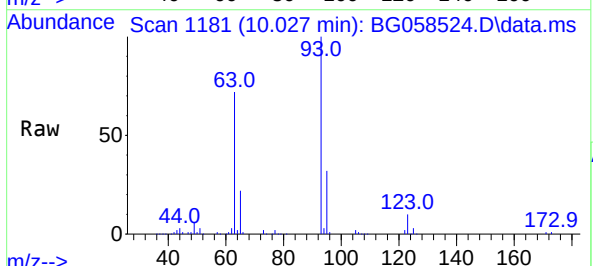
APPROVED

Reviewed By :Yogesh Patel 07/29/2023

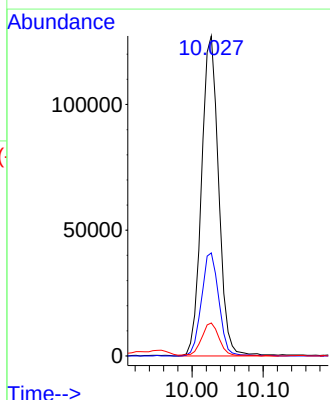
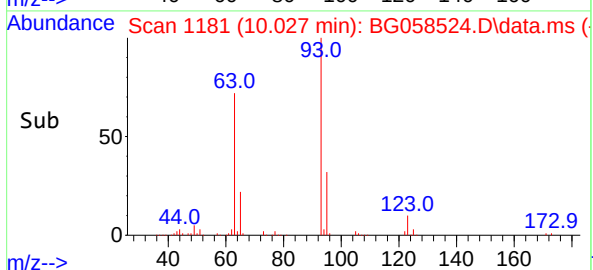
Supervised By :mohammad ahmed 07/29/2023

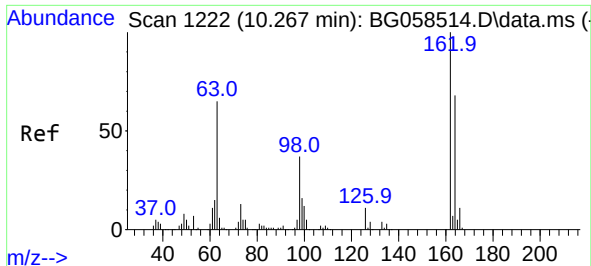


#28
bis(2-Chloroethoxy)methane
Concen: 49.285 ng
RT: 10.027 min Scan# 1181
Delta R.T. 0.001 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00



Tgt Ion: 93 Resp: 213487
Ion Ratio Lower Upper
93 100
95 32.2 26.0 39.0
123 10.3 7.8 11.8





#29
2,4-Dichlorophenol
Concen: 52.936 ng
RT: 10.268 min Scan# 1222
Delta R.T. 0.001 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00

Instrument :

BNA_G

ClientSampleId :

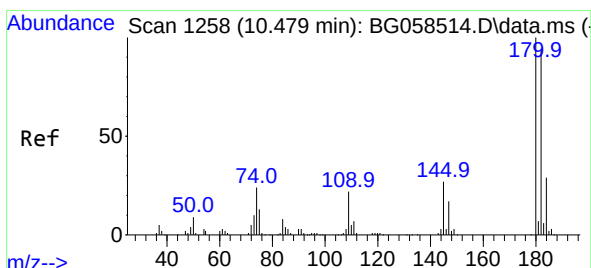
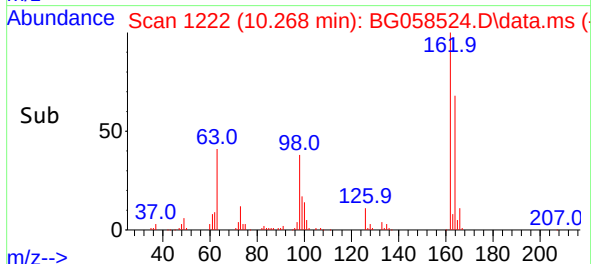
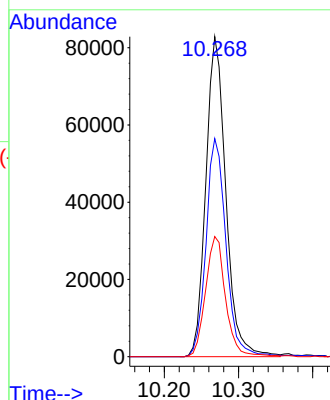
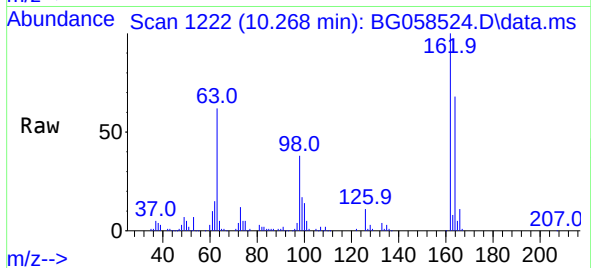
PB154164BSD

Tgt Ion:162 Resp: 15542
Ion Ratio Lower Upper
162 100
164 68.2 47.6 87.6
98 37.5 17.1 57.1

Manual Integrations

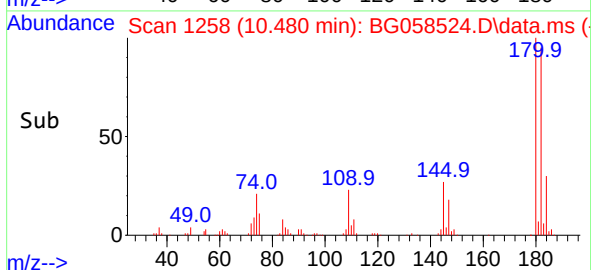
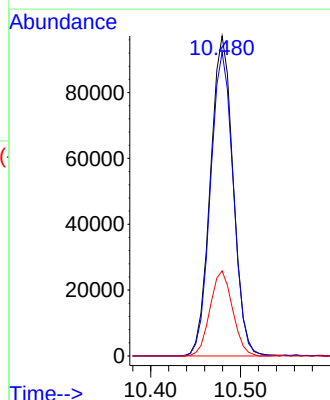
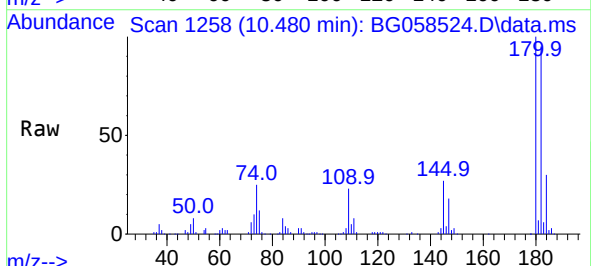
APPROVED

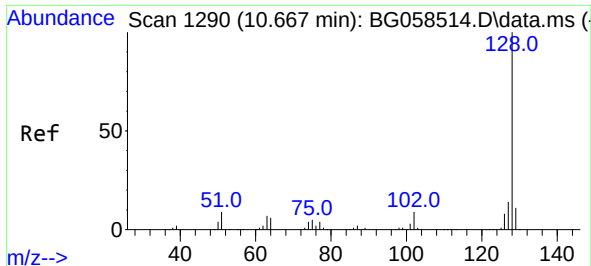
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023



#30
1,2,4-Trichlorobenzene
Concen: 50.439 ng
RT: 10.480 min Scan# 1258
Delta R.T. 0.001 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00

Tgt Ion:180 Resp: 170787
Ion Ratio Lower Upper
180 100
182 94.9 75.0 112.4
145 26.6 21.9 32.9





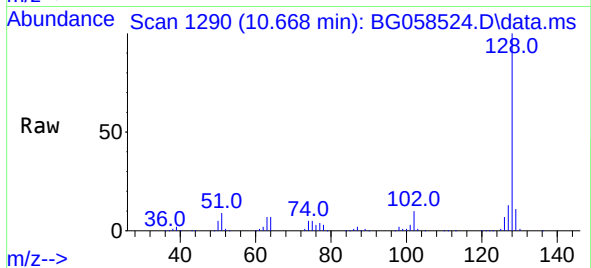
#31
Naphthalene
Concen: 48.993 ng
RT: 10.668 min Scan# 1169
Delta R.T. 0.001 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00

Instrument :

BNA_G

ClientSampleId :

PB154164BSD

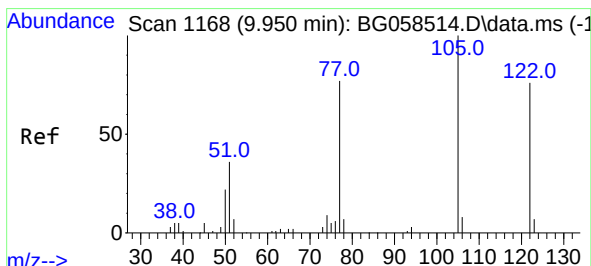
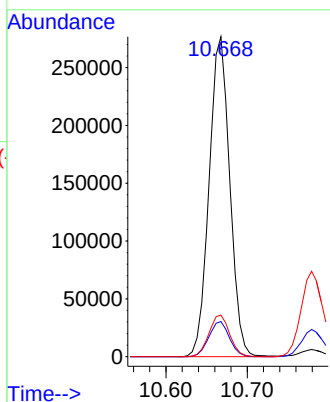
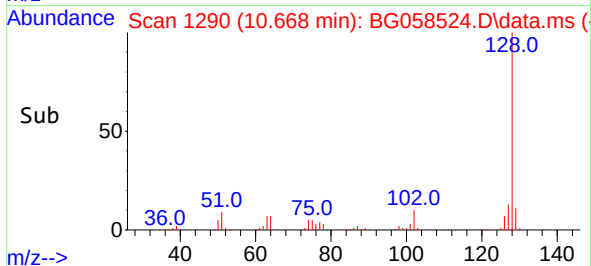


Tgt Ion:128 Resp: 488673
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.0 10.9 16.3

Manual Integrations

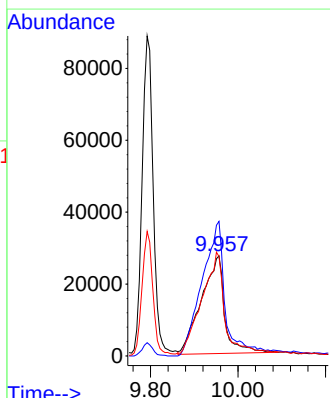
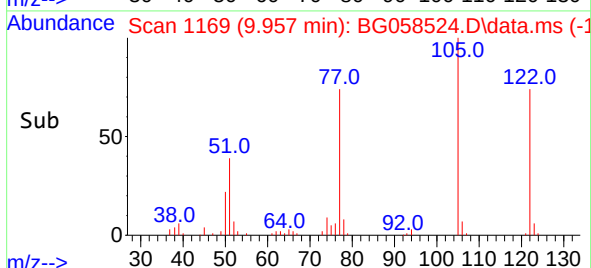
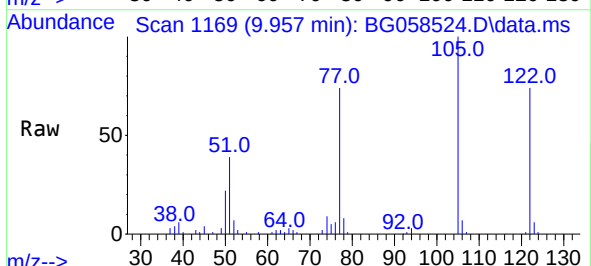
APPROVED

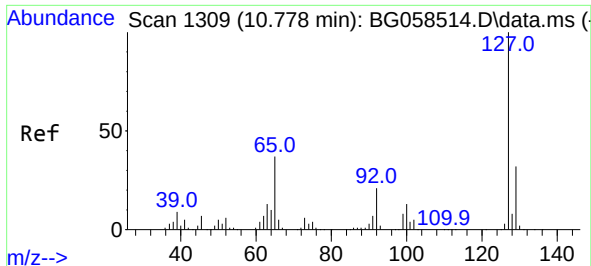
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023



#32
Benzoic acid
Concen: 47.147 ng
RT: 9.957 min Scan# 1169
Delta R.T. 0.007 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00

Tgt Ion:122 Resp: 101585
Ion Ratio Lower Upper
122 100
105 134.2 106.5 146.5
77 99.2 78.1 118.1





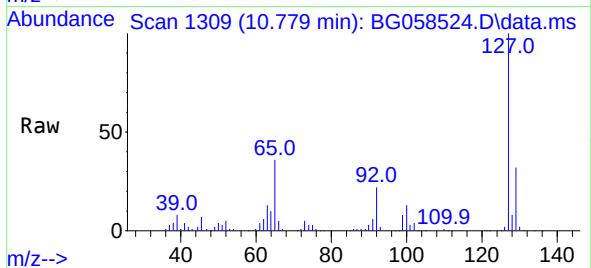
#33
4-Chloroaniline
Concen: 34.500 ng
RT: 10.779 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00

Instrument :

BNA_G

ClientSampleId :

PB154164BSD

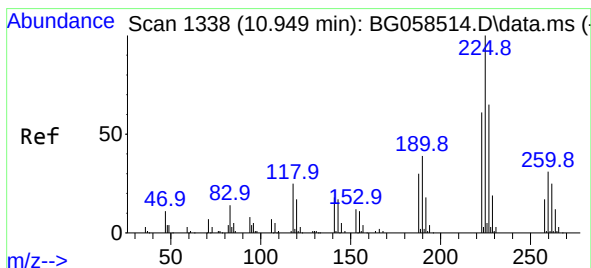
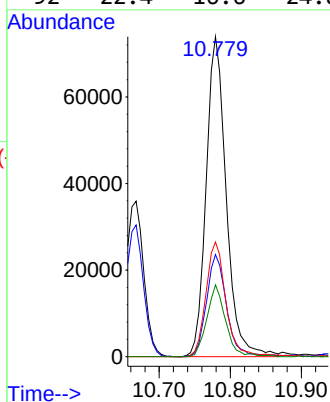
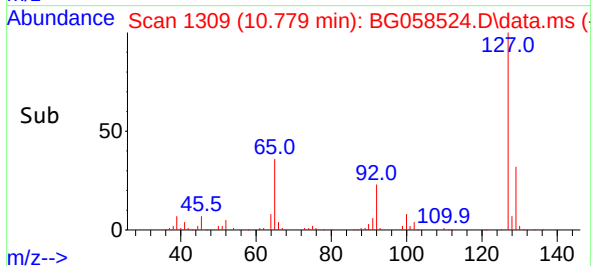


Tgt Ion:127 Resp: 14538
Ion Ratio Lower Upper
127 100
129 31.9 25.4 38.2
65 35.8 29.5 44.3
92 22.4 16.6 24.8

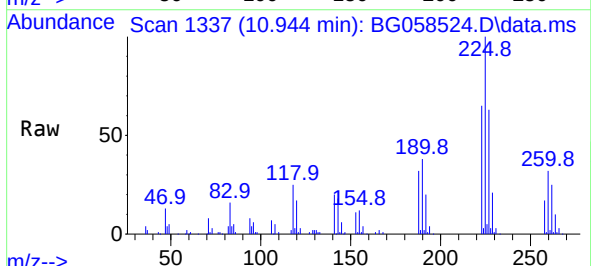
Manual Integrations

APPROVED

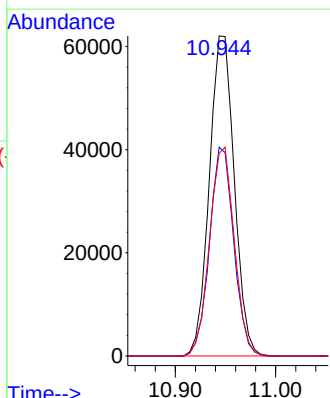
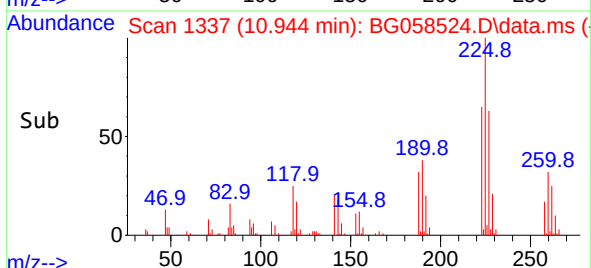
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023

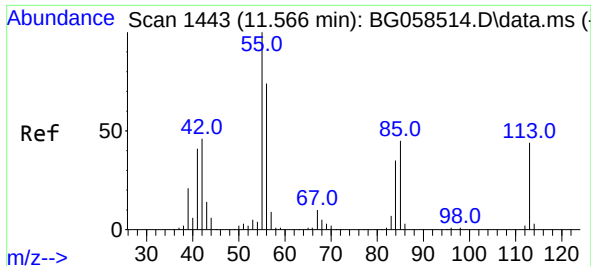


#34
Hexachlorobutadiene
Concen: 49.125 ng
RT: 10.944 min Scan# 1337
Delta R.T. -0.005 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00



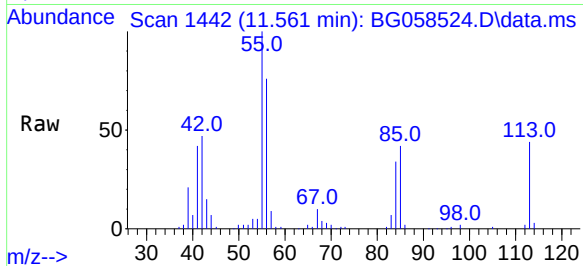
Tgt Ion:225 Resp: 107121
Ion Ratio Lower Upper
225 100
223 65.2 49.0 73.6
227 63.3 51.7 77.5





#35
Caprolactam
Concen: 52.210 ng m
RT: 11.561 min Scan# 1443
Delta R.T. -0.005 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00

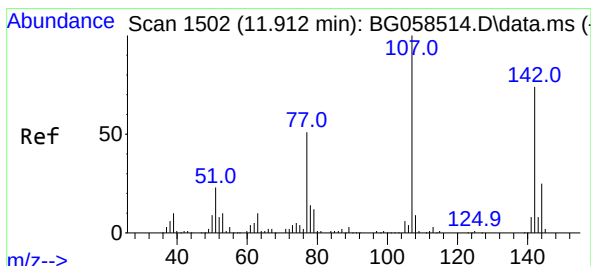
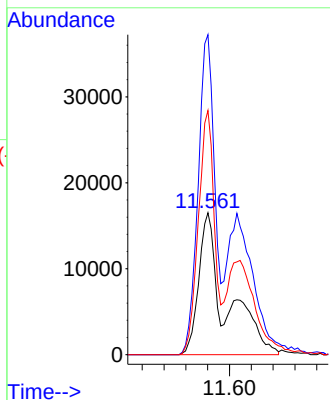
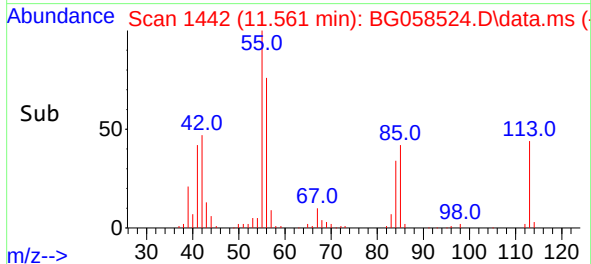
Instrument :
BNA_G
ClientSampleId :
PB154164BSD



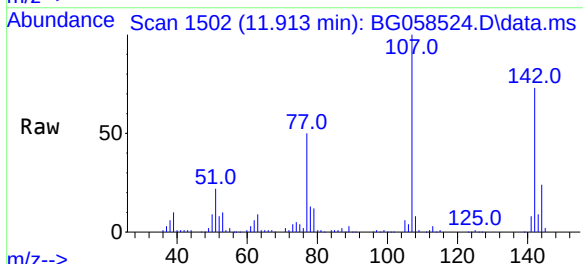
Tgt Ion:113 Resp: 5660
Ion Ratio Lower Upper
113 100
55 225.5 208.0 248.0
56 172.0 148.6 188.6

Manual Integrations
APPROVED

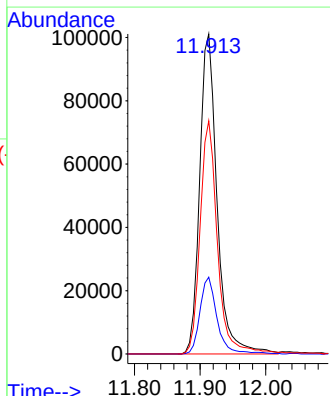
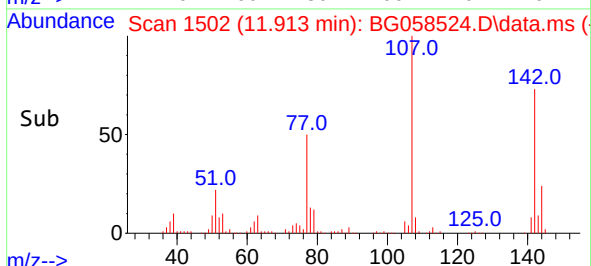
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023

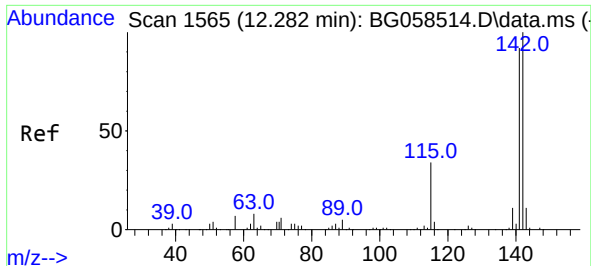


#36
4-Chloro-3-methylphenol
Concen: 51.503 ng
RT: 11.913 min Scan# 1502
Delta R.T. 0.001 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00



Tgt Ion:107 Resp: 187061
Ion Ratio Lower Upper
107 100
144 24.0 19.6 29.4
142 72.9 59.3 88.9





#37

2-Methylnaphthalene

Concen: 46.664 ng

RT: 12.277 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG058524.D

Acq: 28 Jul 2023 19:00

Instrument :

BNA_G

ClientSampleId :

PB154164BSD

Tgt Ion:142 Resp: 33294

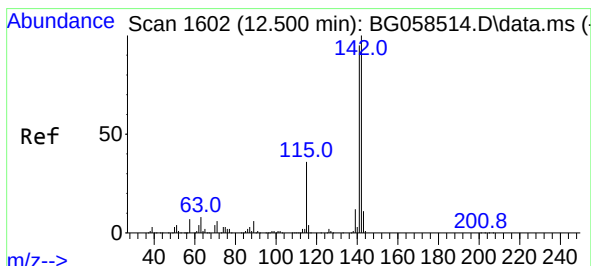
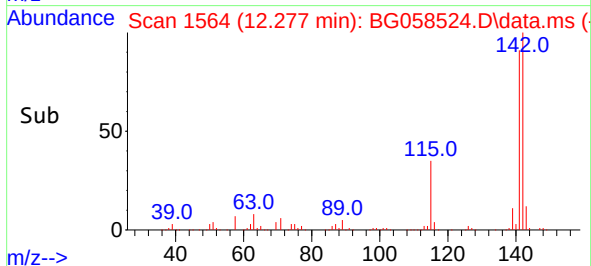
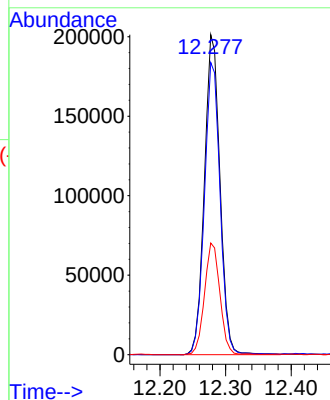
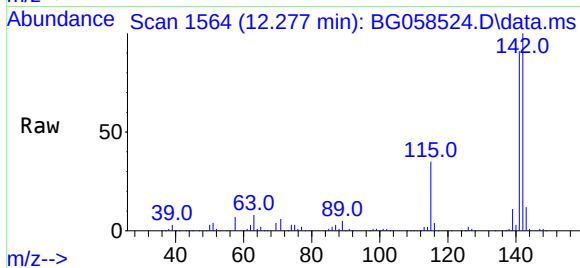
Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.5	110.3
115	34.9	27.4	41.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/29/2023

Supervised By :mohammad ahmed 07/29/2023



#38

1-Methylnaphthalene

Concen: 46.200 ng

RT: 12.501 min Scan# 1602

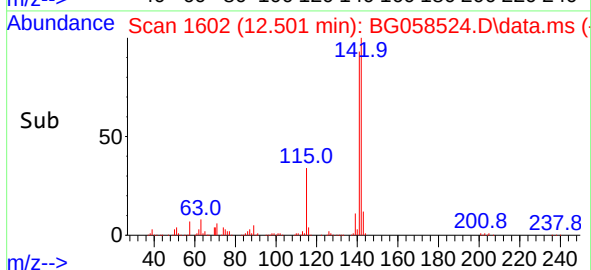
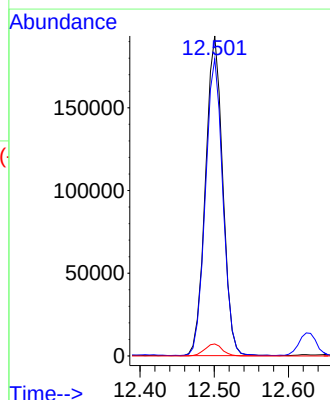
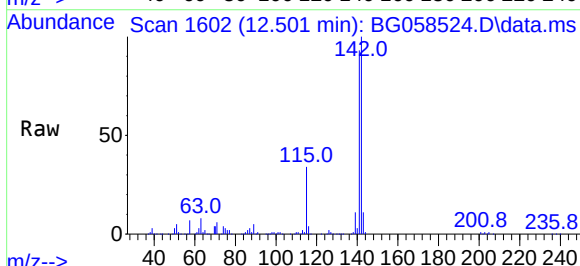
Delta R.T. 0.001 min

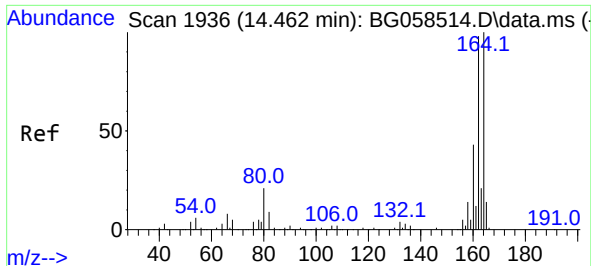
Lab File: BG058524.D

Acq: 28 Jul 2023 19:00

Tgt Ion:142 Resp: 313336

Ion	Ratio	Lower	Upper
142	100		
141	92.9	75.7	113.5
116	3.8	3.2	4.8





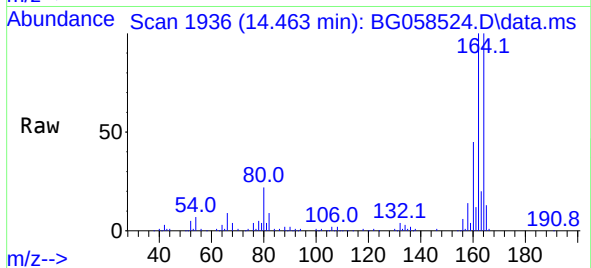
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1936
Delta R.T. 0.001 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00

Instrument :

BNA_G

ClientSampleId :

PB154164BSD

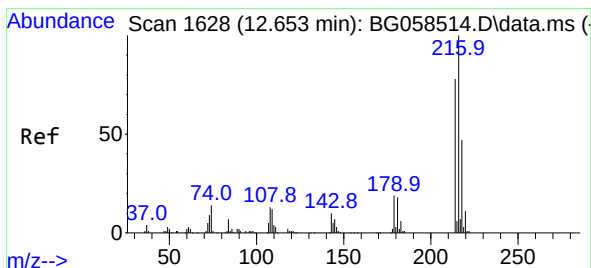
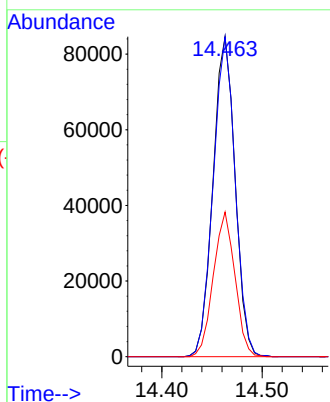
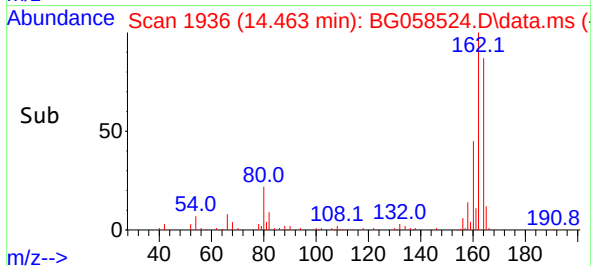


Tgt Ion:164 Resp: 129040
Ion Ratio Lower Upper
164 100
162 99.9 78.3 117.5
160 45.2 34.1 51.1

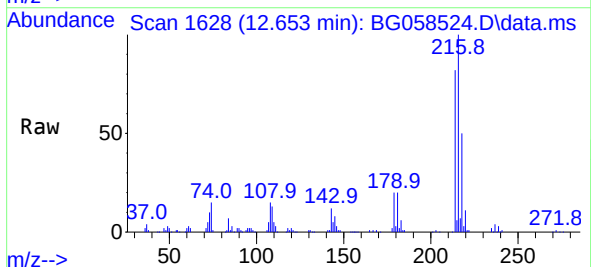
Manual Integrations

APPROVED

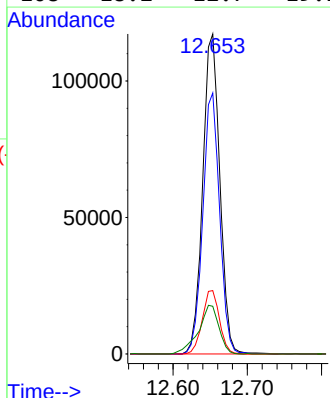
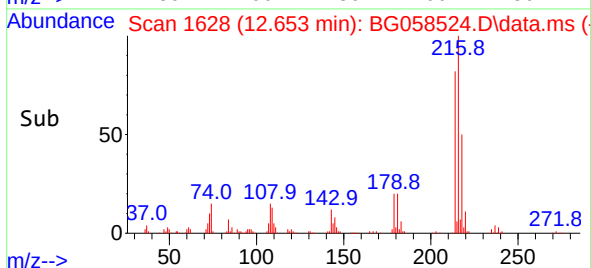
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023

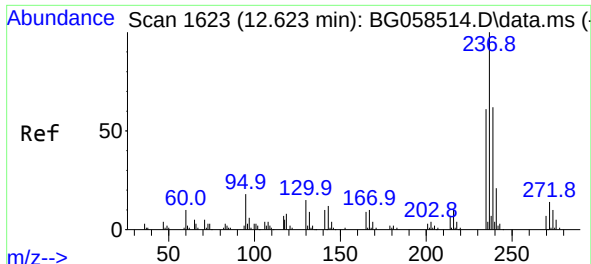


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.465 ng
RT: 12.653 min Scan# 1628
Delta R.T. 0.001 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00



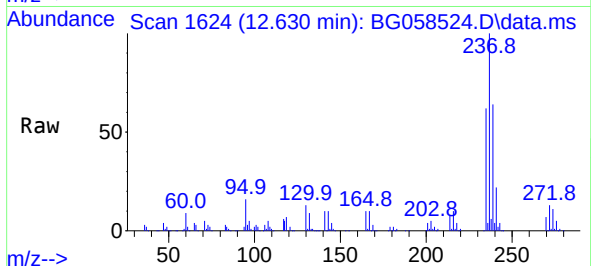
Tgt Ion:216 Resp: 188048
Ion Ratio Lower Upper
216 100
214 80.1 63.1 94.7
179 19.8 15.6 23.4
108 18.2 12.7 19.1





#41
Hexachlorocyclopentadiene
Concen: 119.210 ng
RT: 12.630 min Scan# 1623
Delta R.T. 0.007 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00

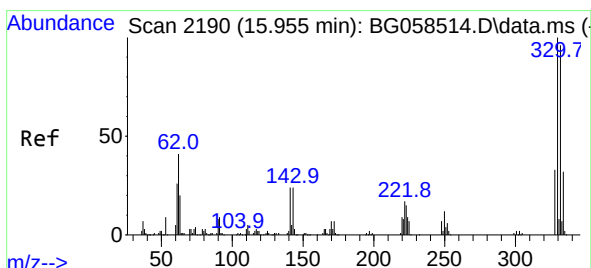
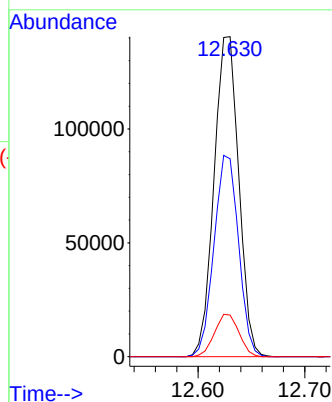
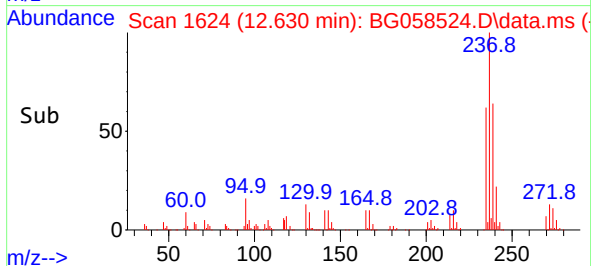
Instrument :
BNA_G
ClientSampleId :
PB154164BSD



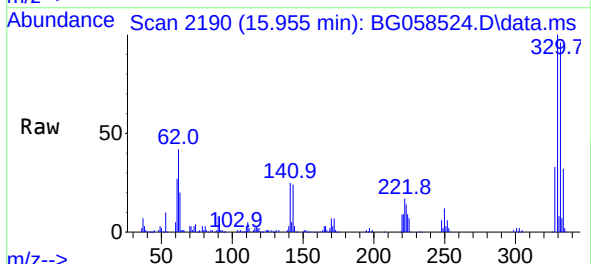
Tgt Ion:237 Resp: 22608
Ion Ratio Lower Upper
237 100
235 61.8 41.0 81.0
272 13.0 0.0 33.6

Manual Integrations
APPROVED

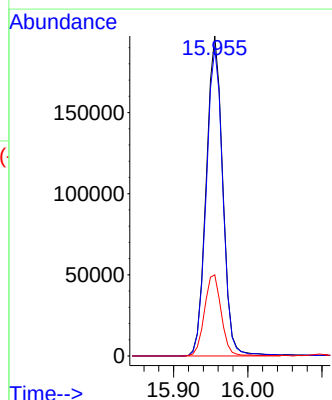
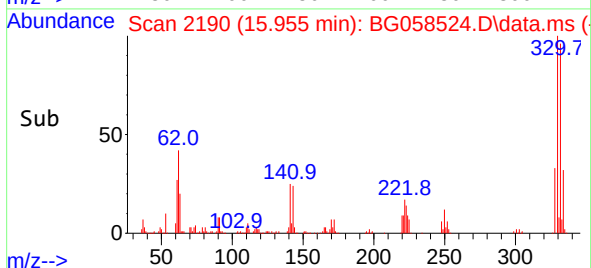
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023

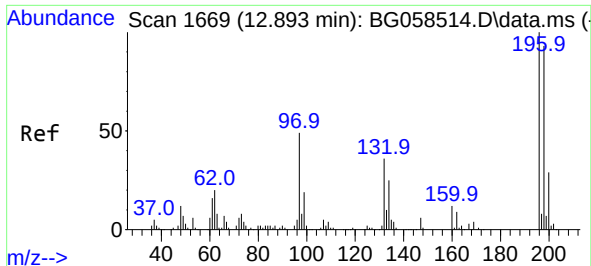


#42
2,4,6-Tribromophenol
Concen: 144.273 ng
RT: 15.955 min Scan# 2190
Delta R.T. 0.001 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00



Tgt Ion:330 Resp: 305160
Ion Ratio Lower Upper
330 100
332 97.1 77.5 116.3
141 25.7 20.7 31.1





#43
2,4,6-Trichlorophenol
Concen: 51.264 ng
RT: 12.894 min Scan# 1669
Delta R.T. 0.001 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00

Instrument :

BNA_G

ClientSampleId :

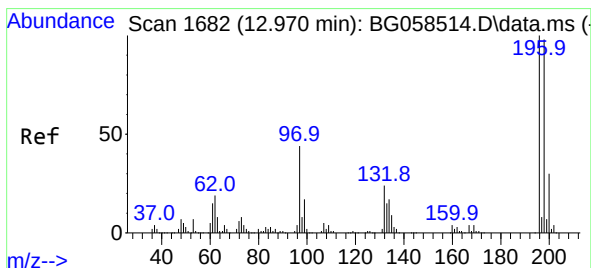
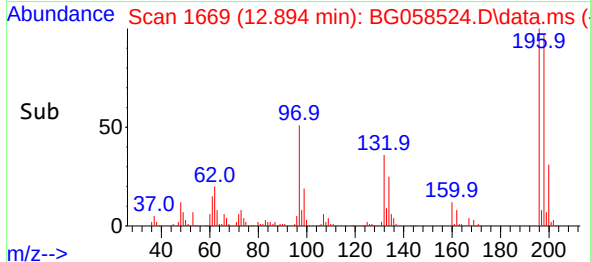
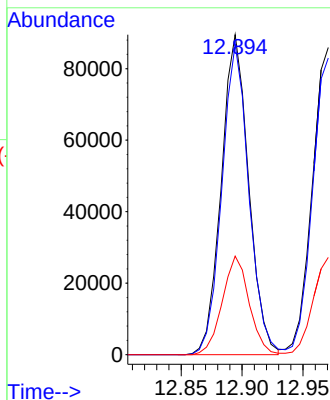
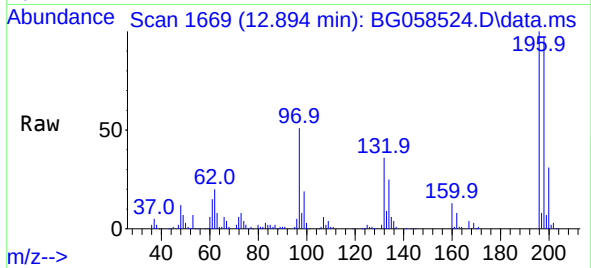
PB154164BSD

Tgt Ion:196 Resp: 13969
Ion Ratio Lower Upper
196 100
198 97.0 74.2 111.4
200 30.8 22.9 34.3

Manual Integrations

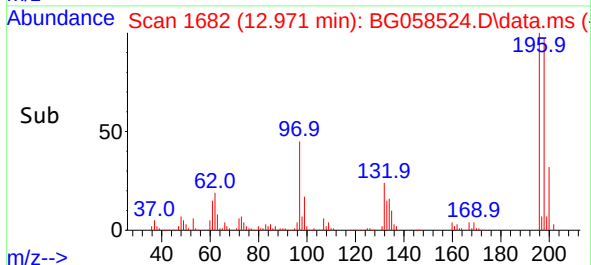
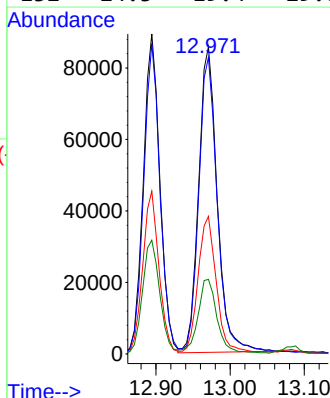
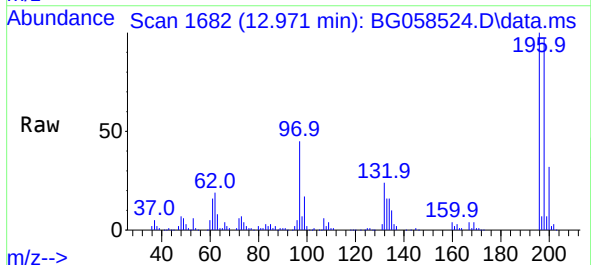
APPROVED

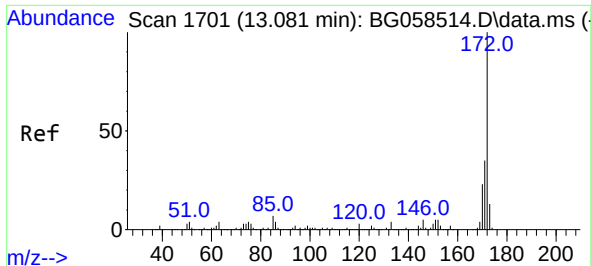
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023



#44
2,4,5-Trichlorophenol
Concen: 46.686 ng
RT: 12.971 min Scan# 1682
Delta R.T. 0.001 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00

Tgt Ion:196 Resp: 149845
Ion Ratio Lower Upper
196 100
198 96.5 78.3 117.5
97 44.8 35.2 52.8
132 24.3 19.4 29.0





#45
2-Fluorobiphenyl
Concen: 93.077 ng
RT: 13.082 min Scan# 1701
Delta R.T. 0.001 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00

Instrument :

BNA_G

ClientSampleId :

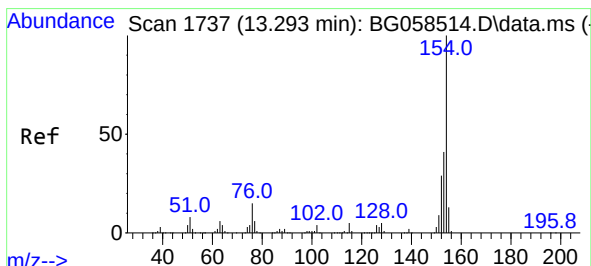
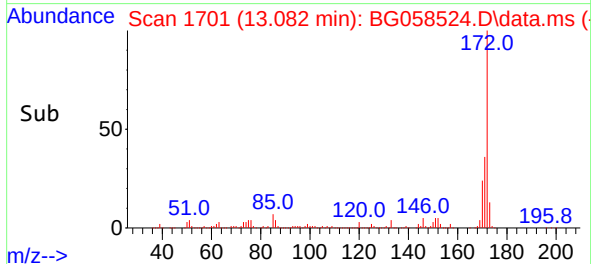
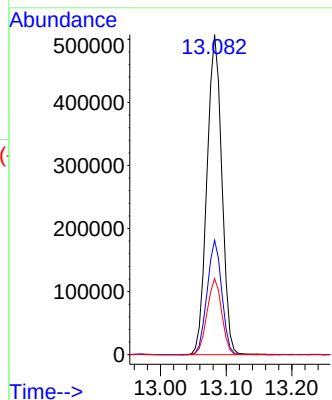
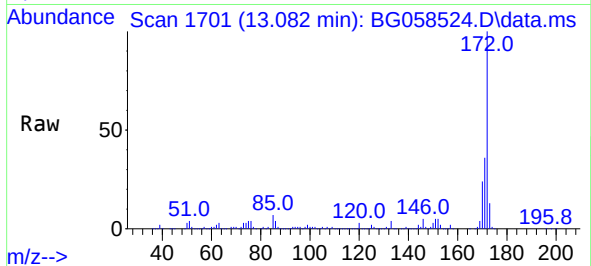
PB154164BSD

Tgt Ion:172 Resp: 801498
Ion Ratio Lower Upper
172 100
171 35.8 28.0 42.0
170 23.7 18.4 27.6

Manual Integrations

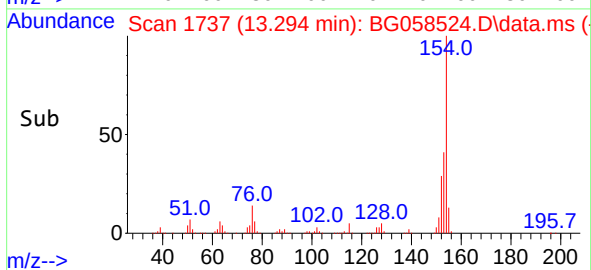
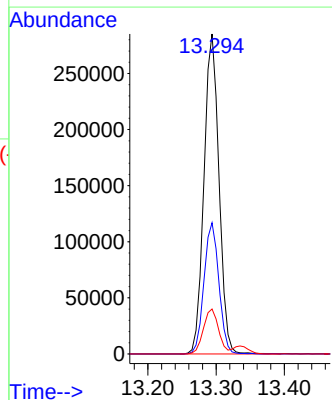
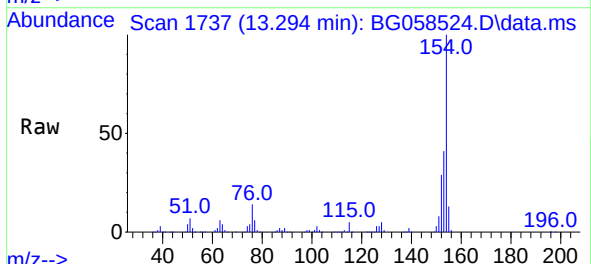
APPROVED

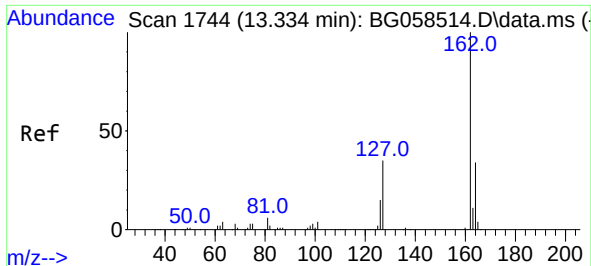
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023



#46
1,1'-Biphenyl
Concen: 49.263 ng
RT: 13.294 min Scan# 1737
Delta R.T. 0.001 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00

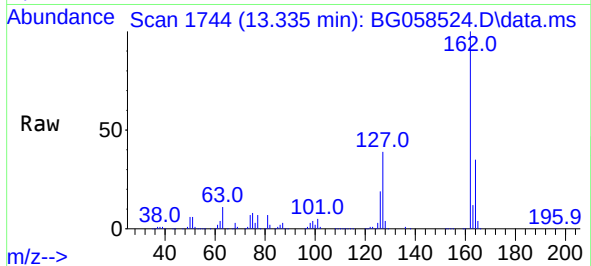
Tgt Ion:154 Resp: 436578
Ion Ratio Lower Upper
154 100
153 41.0 21.2 61.2
76 14.1 0.0 34.7





#47
2-Chloronaphthalene
Concen: 50.121 ng
RT: 13.335 min Scan# 1744
Delta R.T. 0.001 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00

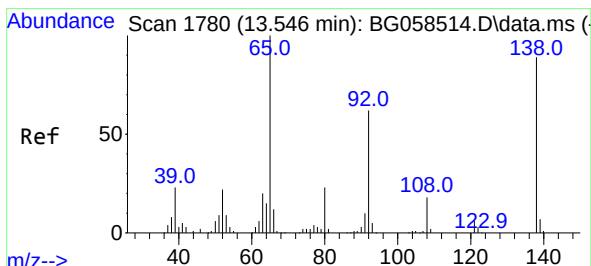
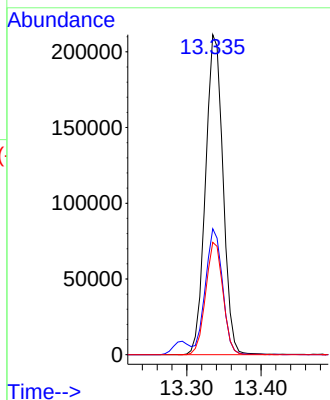
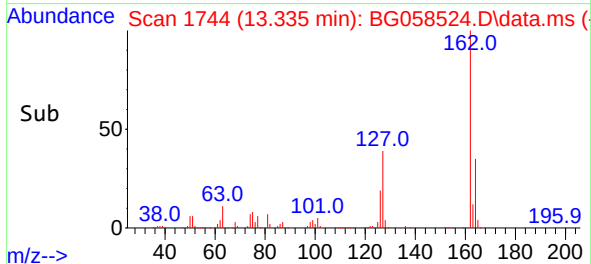
Instrument :
BNA_G
ClientSampleId :
PB154164BSD



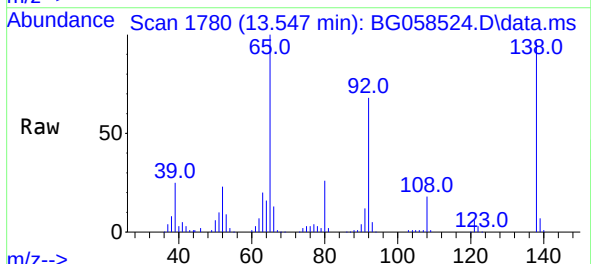
Tgt Ion:162 Resp: 34633
Ion Ratio Lower Upper
162 100
127 39.3 30.9 46.3
164 35.1 27.2 40.8

Manual Integrations
APPROVED

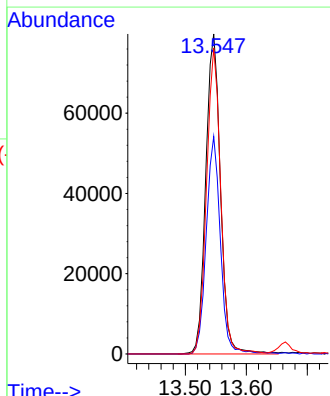
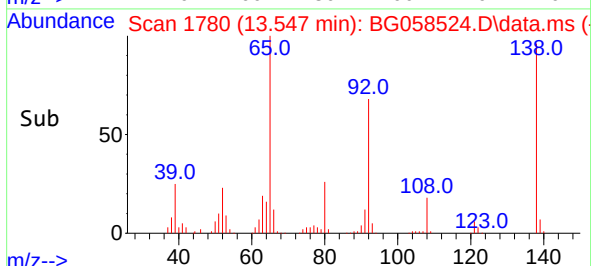
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023

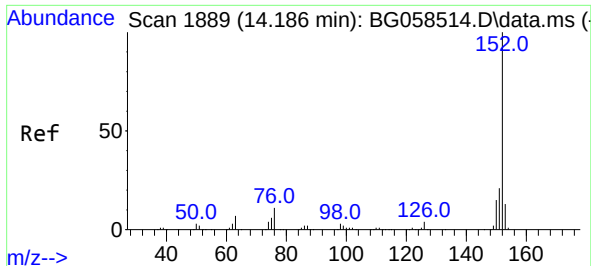


#48
2-Nitroaniline
Concen: 50.749 ng
RT: 13.547 min Scan# 1780
Delta R.T. 0.001 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00



Tgt Ion: 65 Resp: 133848
Ion Ratio Lower Upper
65 100
92 68.0 49.2 73.8
138 95.6 71.5 107.3





#49
Acenaphthylene
Concen: 49.194 ng
RT: 14.187 min Scan# 1889
Delta R.T. 0.001 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00

Instrument :

BNA_G

ClientSampleId :

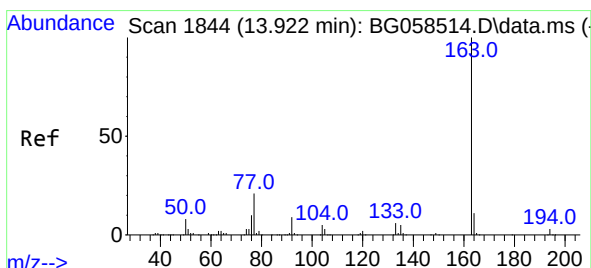
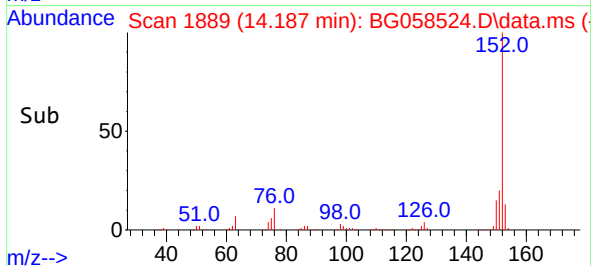
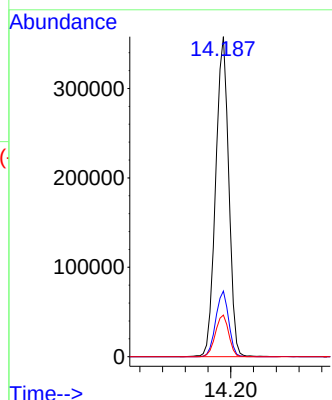
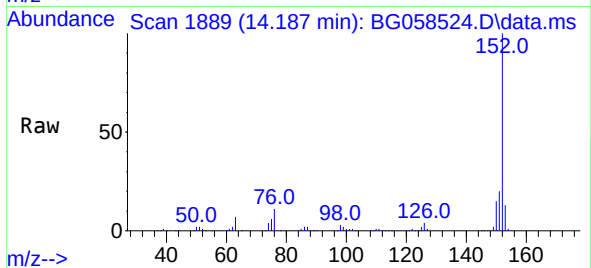
PB154164BSD

Tgt Ion:152 Resp: 56911
Ion Ratio Lower Upper
152 100
151 20.5 16.5 24.7
153 13.0 10.7 16.1

Manual Integrations

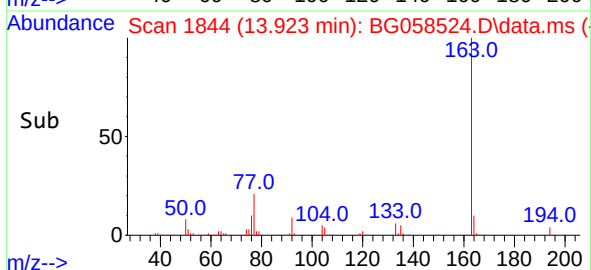
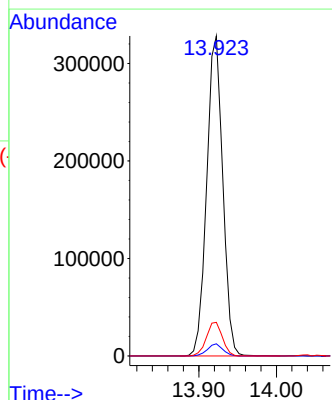
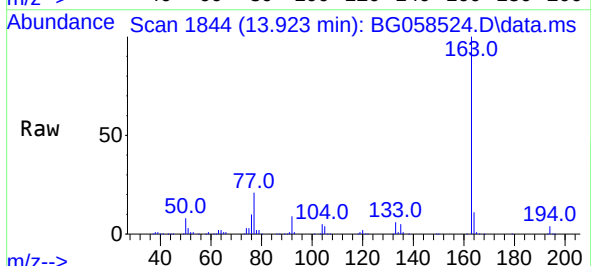
APPROVED

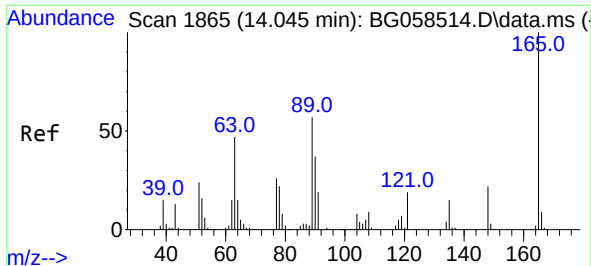
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023



#50
Dimethylphthalate
Concen: 48.828 ng
RT: 13.923 min Scan# 1844
Delta R.T. 0.001 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00

Tgt Ion:163 Resp: 473226
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.5 8.6 12.8





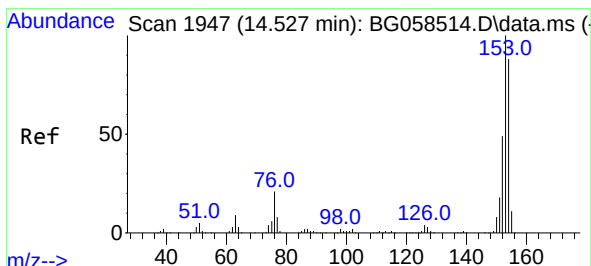
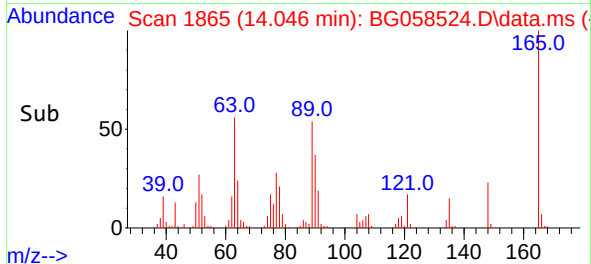
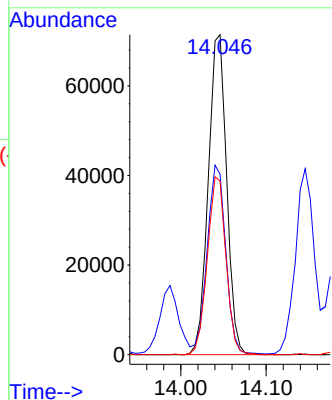
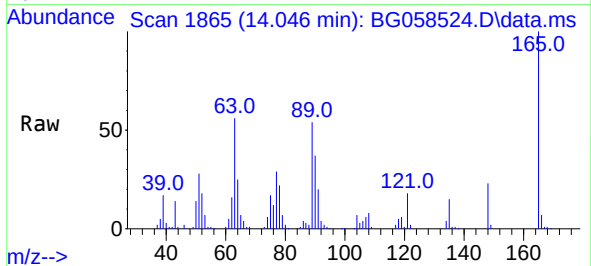
#51
2,6-Dinitrotoluene
Concen: 50.214 ng
RT: 14.046 min Scan# 1865
Delta R.T. 0.001 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00

Instrument :
BNA_G
ClientSampleId :
PB154164BSD

Tgt Ion:165 Resp: 106782
Ion Ratio Lower Upper
165 100
63 56.5 46.4 69.6
89 54.2 45.3 67.9

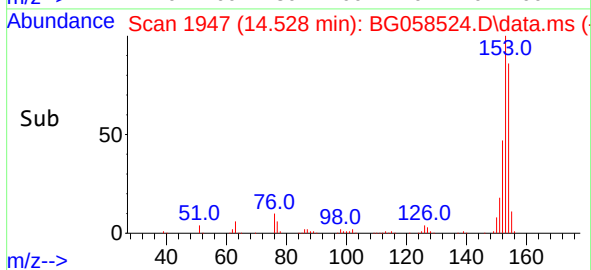
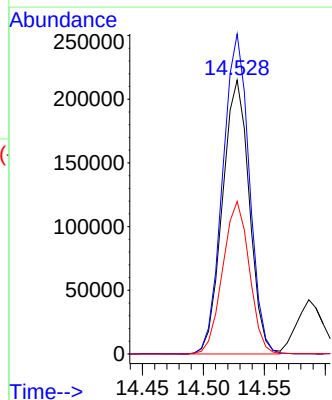
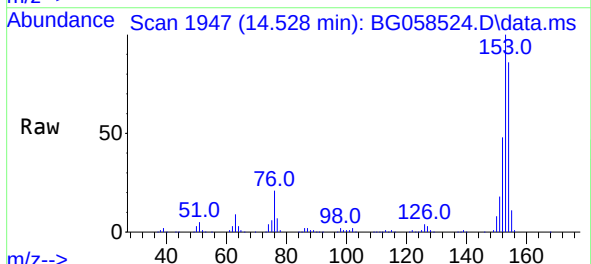
Manual Integrations
APPROVED

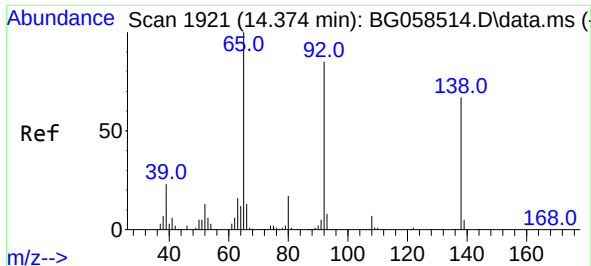
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023



#52
Acenaphthene
Concen: 49.453 ng
RT: 14.528 min Scan# 1947
Delta R.T. 0.001 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00

Tgt Ion:154 Resp: 330581
Ion Ratio Lower Upper
154 100
153 116.8 91.1 136.7
152 55.7 44.6 66.8





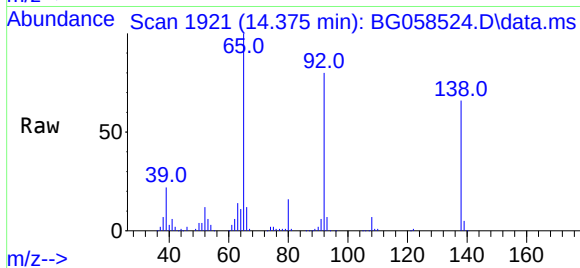
#53
3-Nitroaniline
Concen: 41.794 ng
RT: 14.375 min Scan# 1921
Delta R.T. 0.001 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00

Instrument :

BNA_G

ClientSampleId :

PB154164BSD

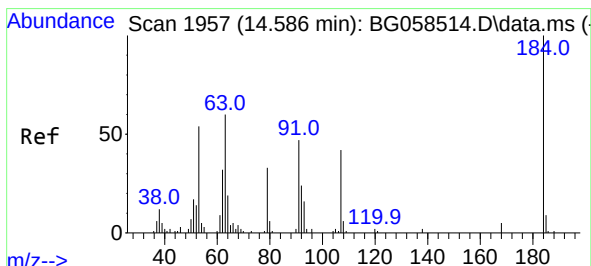
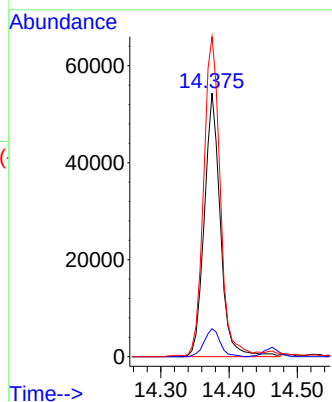
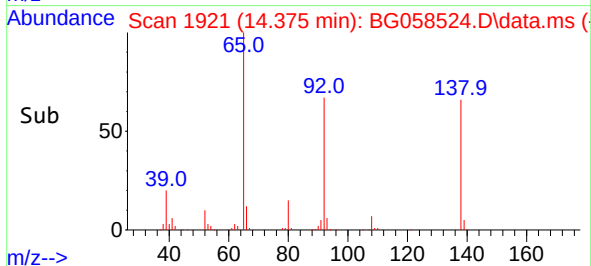


Tgt Ion:138 Resp: 88920
Ion Ratio Lower Upper
138 100
108 10.7 8.3 12.5
92 121.4 101.1 151.7

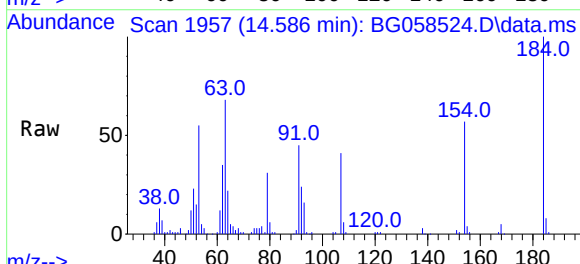
Manual Integrations

APPROVED

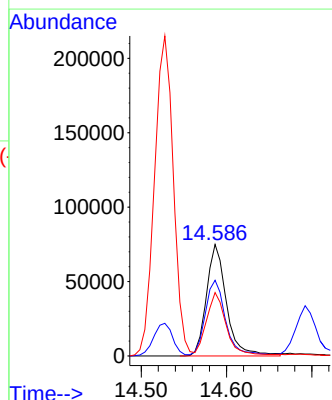
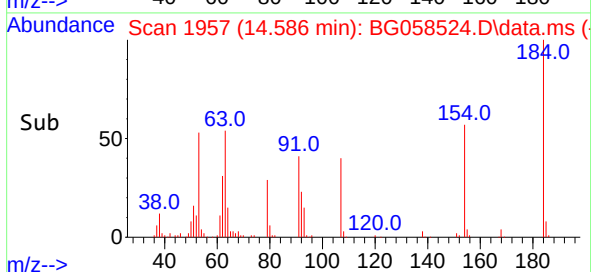
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023

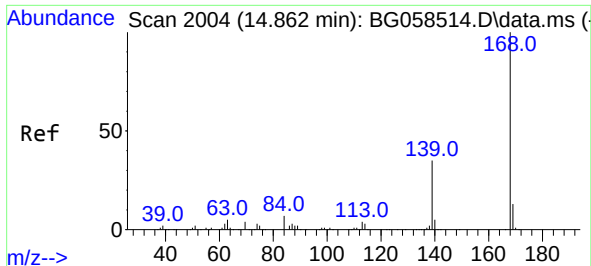


#54
2,4-Dinitrophenol
Concen: 100.218 ng
RT: 14.586 min Scan# 1957
Delta R.T. 0.000 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00



Tgt Ion:184 Resp: 122639
Ion Ratio Lower Upper
184 100
63 67.9 56.7 85.1
154 56.8 46.1 69.1





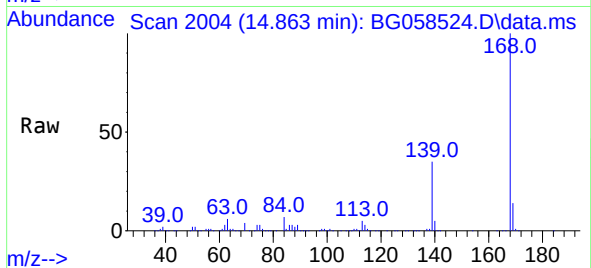
#55
Dibenzenofuran
Concen: 48.124 ng
RT: 14.863 min Scan# 2004
Delta R.T. 0.001 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00

Instrument :

BNA_G

ClientSampleId :

PB154164BSD

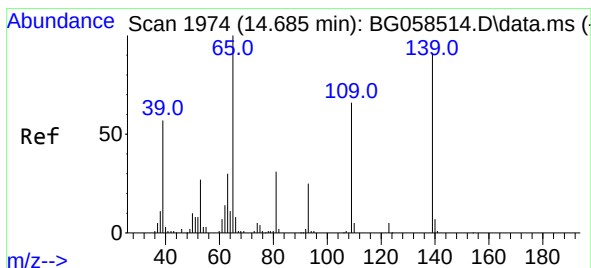
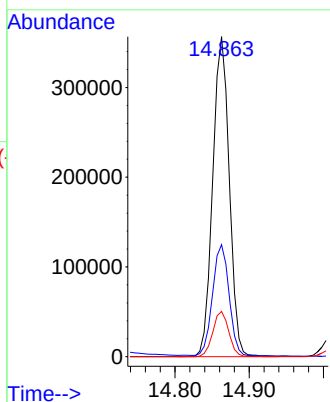
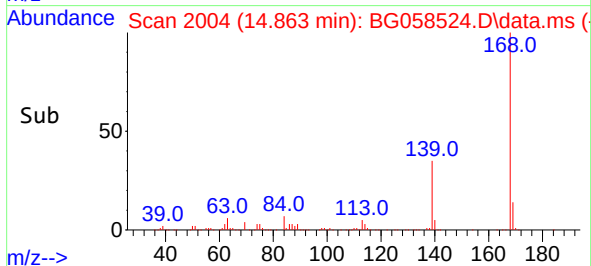


Tgt Ion:168 Resp: 552778
Ion Ratio Lower Upper
168 100
139 35.0 27.8 41.8
169 14.2 10.6 16.0

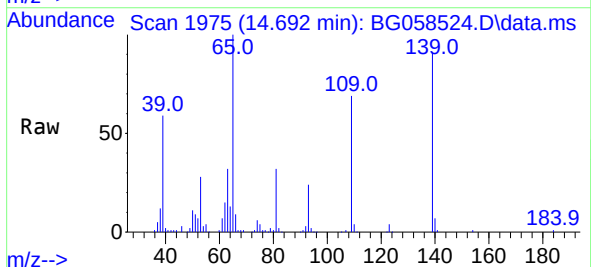
Manual Integrations

APPROVED

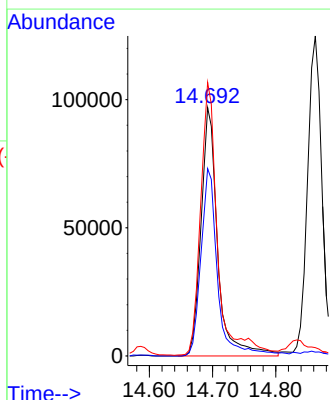
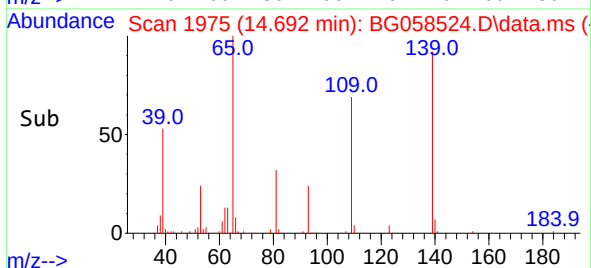
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023

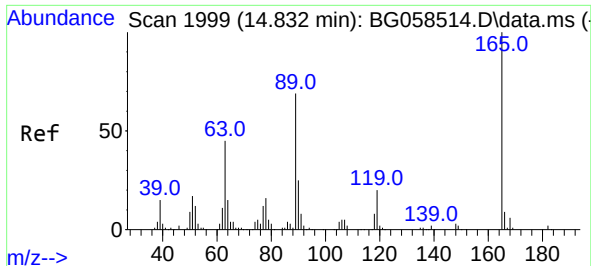


#56
4-Nitrophenol
Concen: 111.166 ng
RT: 14.692 min Scan# 1975
Delta R.T. 0.007 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00



Tgt Ion:139 Resp: 177387
Ion Ratio Lower Upper
139 100
109 75.5 52.5 92.5
65 110.2 90.5 130.5





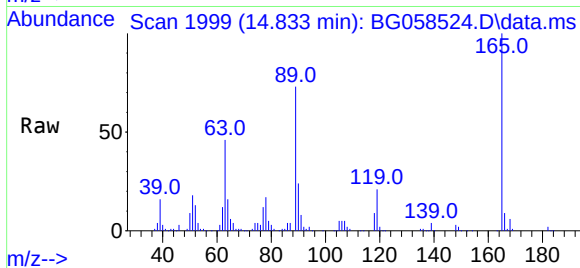
#57
2,4-Dinitrotoluene
Concen: 52.761 ng
RT: 14.833 min Scan# 1999
Delta R.T. 0.001 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00

Instrument :

BNA_G

ClientSampleId :

PB154164BSD

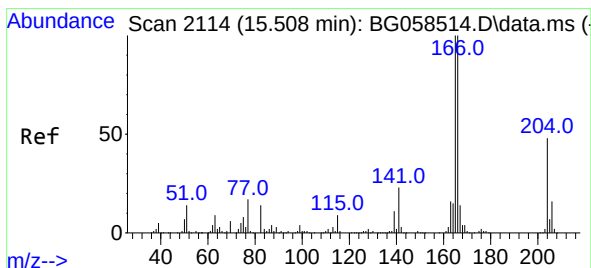
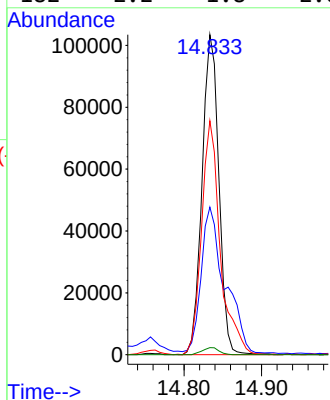
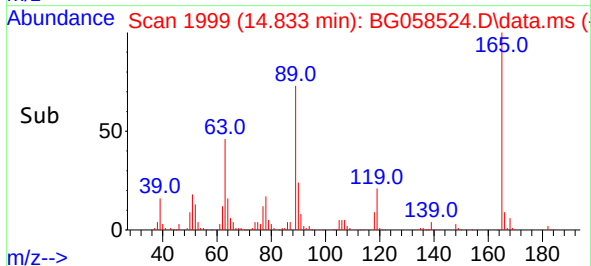


Tgt Ion:165 Resp: 155549
Ion Ratio Lower Upper
165 100
63 46.1 36.6 54.8
89 73.1 55.4 83.0
182 2.2 1.8 2.6

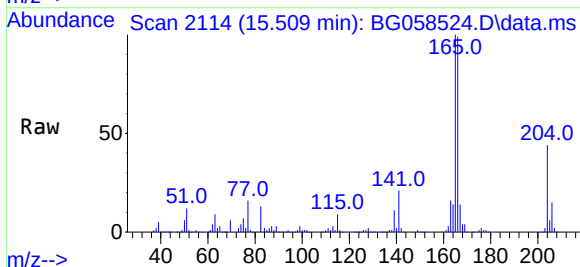
Manual Integrations

APPROVED

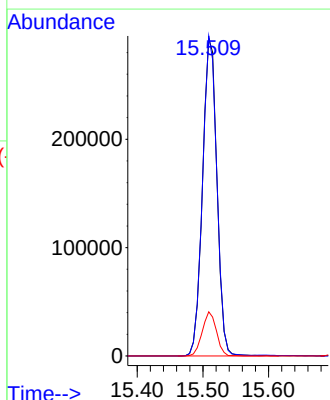
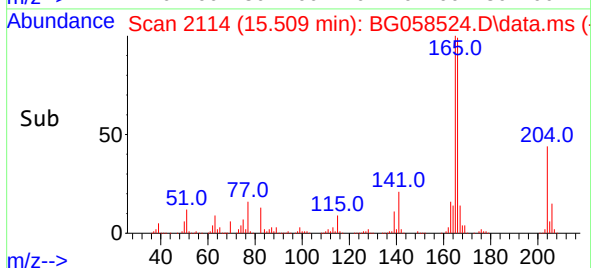
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023

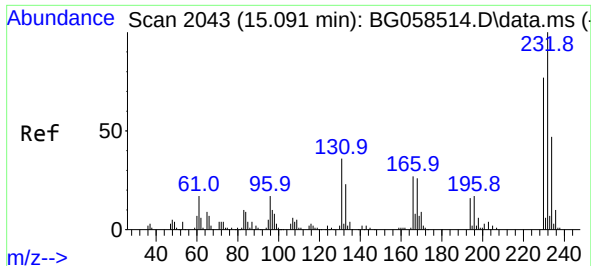


#58
Fluorene
Concen: 49.175 ng
RT: 15.509 min Scan# 2114
Delta R.T. 0.001 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00



Tgt Ion:166 Resp: 448718
Ion Ratio Lower Upper
166 100
165 100.8 80.0 120.0
167 13.9 11.3 16.9





#59
2,3,4,6-Tetrachlorophenol
Concen: 53.268 ng
RT: 15.092 min Scan# 2043
Delta R.T. 0.001 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00

Instrument :

BNA_G

ClientSampleId :

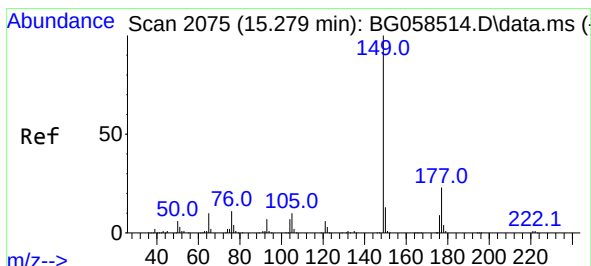
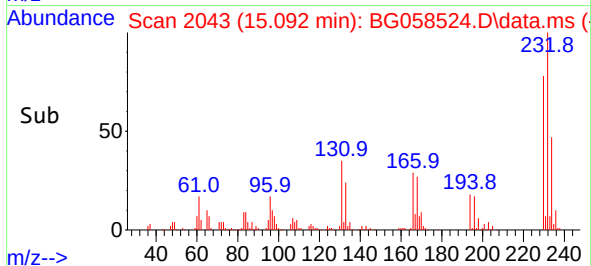
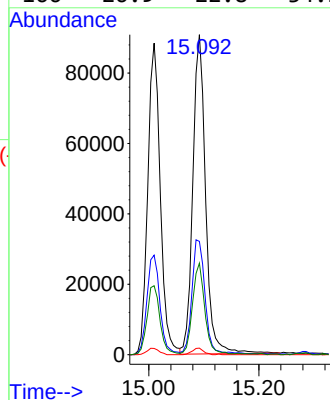
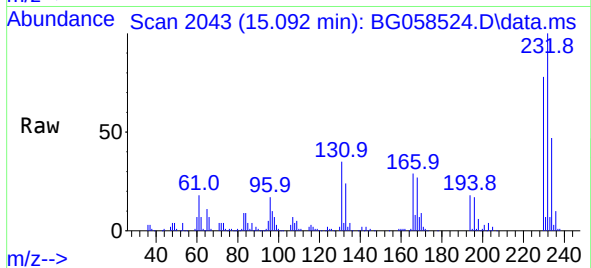
PB154164BSD

Tgt Ion:232 Resp: 14589
Ion Ratio Lower Upper
232 100
131 36.8 30.0 45.0
130 1.8 1.5 2.3
166 26.9 22.8 34.2

Manual Integrations

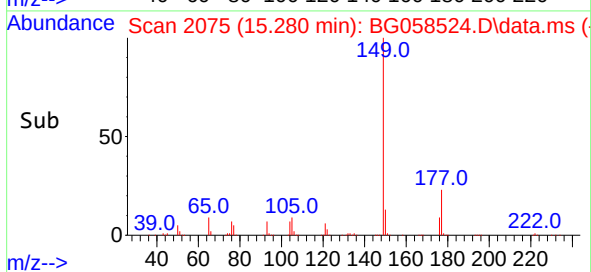
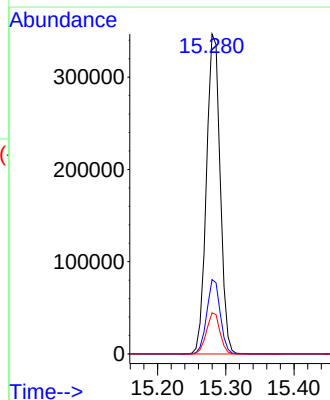
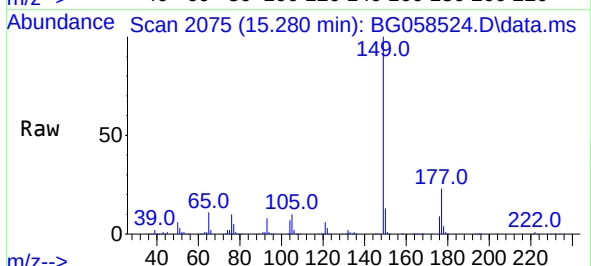
APPROVED

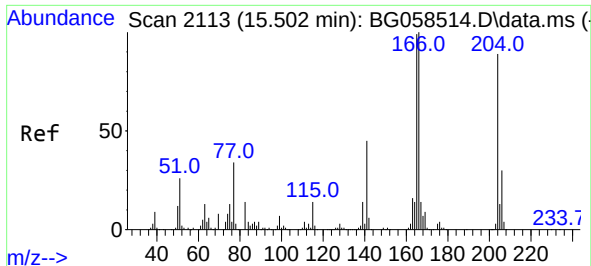
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023



#60
Diethylphthalate
Concen: 49.088 ng
RT: 15.280 min Scan# 2075
Delta R.T. 0.001 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00

Tgt Ion:149 Resp: 484666
Ion Ratio Lower Upper
149 100
177 23.3 18.2 27.4
150 12.8 10.2 15.4





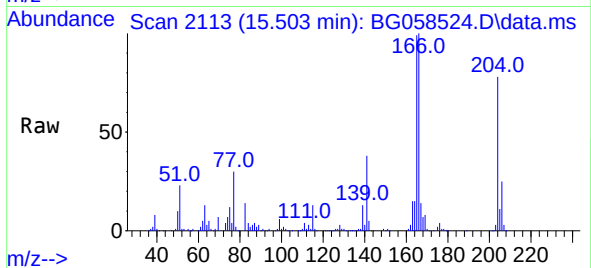
#61
4-Chlorophenyl-phenylether
Concen: 48.338 ng
RT: 15.503 min Scan# 2113
Delta R.T. 0.001 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00

Instrument :

BNA_G

ClientSampleId :

PB154164BSD

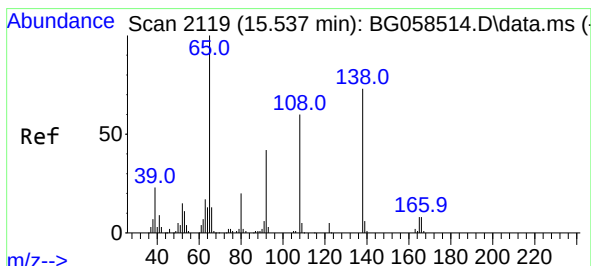
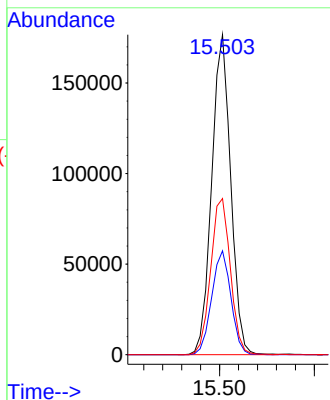
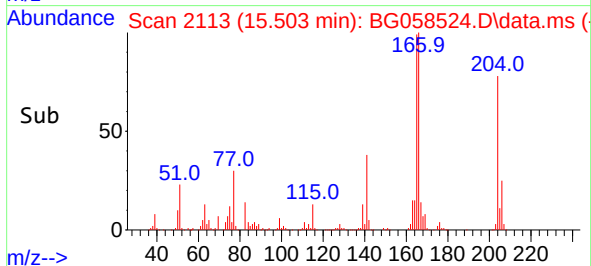


Tgt Ion:204 Resp: 24590
Ion Ratio Lower Upper
204 100
206 32.5 27.0 40.4
141 48.8 40.8 61.2

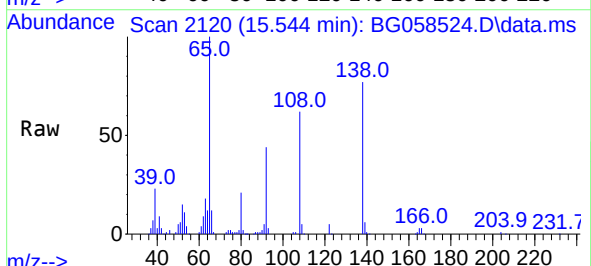
Manual Integrations

APPROVED

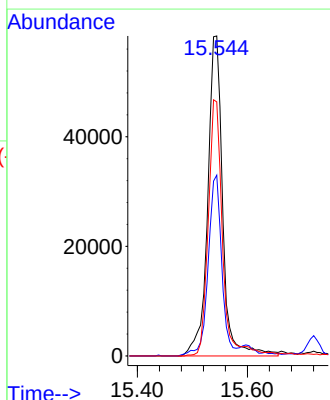
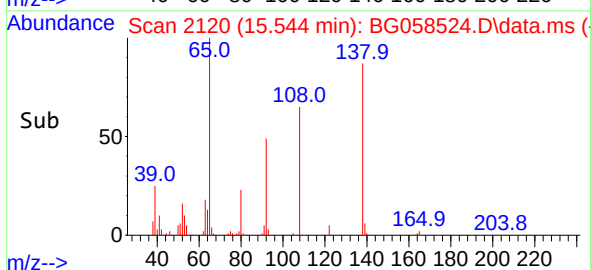
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023

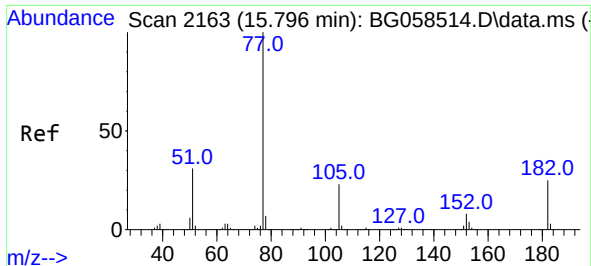


#62
4-Nitroaniline
Concen: 55.060 ng
RT: 15.544 min Scan# 2120
Delta R.T. 0.007 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00



Tgt Ion:138 Resp: 110970
Ion Ratio Lower Upper
138 100
92 56.5 37.3 77.3
108 79.4 62.6 102.6





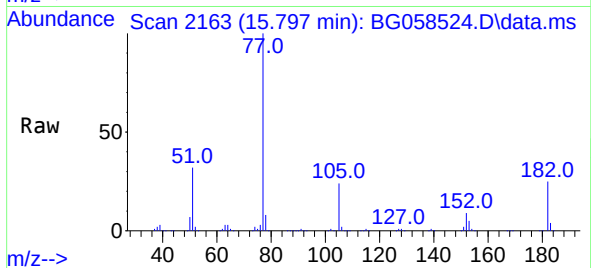
#63
Azobenzene
Concen: 48.825 ng
RT: 15.797 min Scan# 2163
Delta R.T. 0.001 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00

Instrument :

BNA_G

ClientSampleId :

PB154164BSD

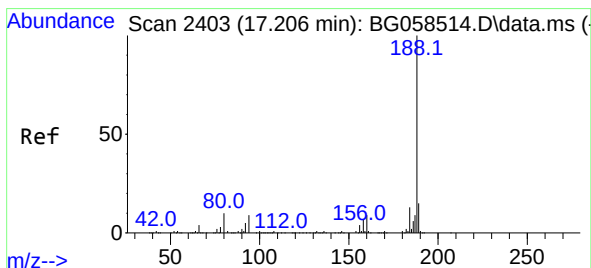
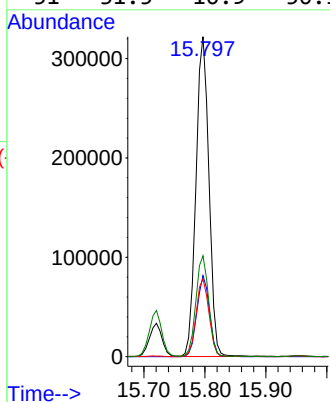
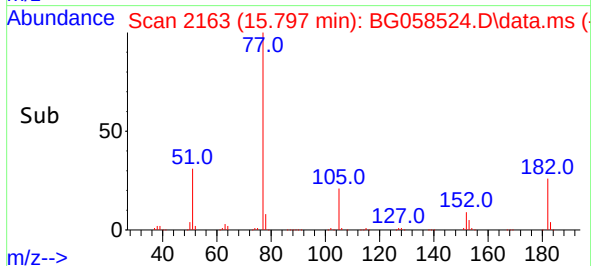


Tgt Ion: 77 Resp: 474824
Ion Ratio Lower Upper
77 100
182 25.3 4.6 44.6
105 24.3 3.3 43.3
51 31.5 10.9 50.9

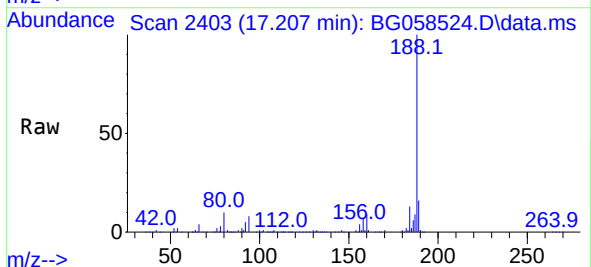
Manual Integrations

APPROVED

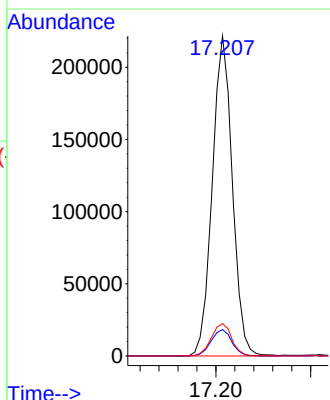
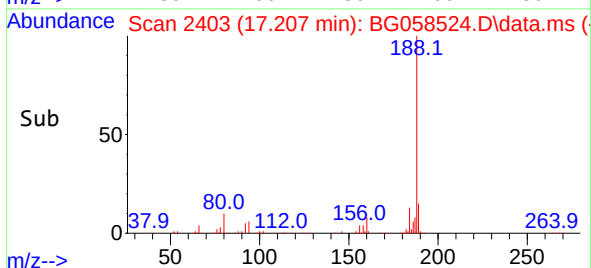
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023

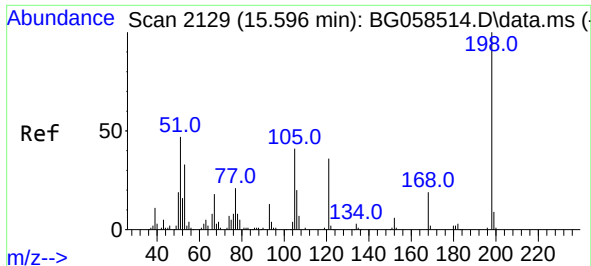


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.207 min Scan# 2403
Delta R.T. 0.001 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00



Tgt Ion:188 Resp: 325263
Ion Ratio Lower Upper
188 100
94 8.2 7.0 10.6
80 10.1 8.1 12.1





#65
4,6-Dinitro-2-methylphenol
Concen: 53.896 ng
RT: 15.597 min Scan# 2129
Delta R.T. 0.001 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00

Instrument :

BNA_G

ClientSampleId :

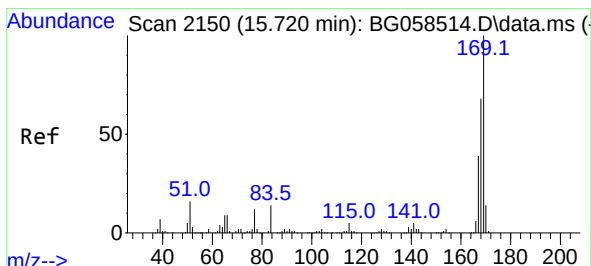
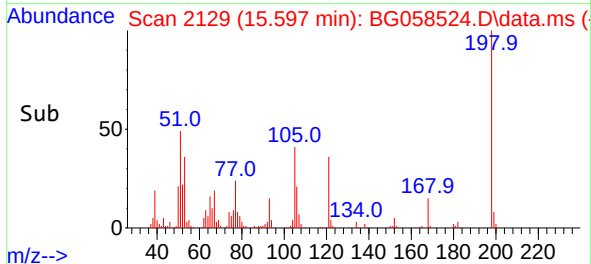
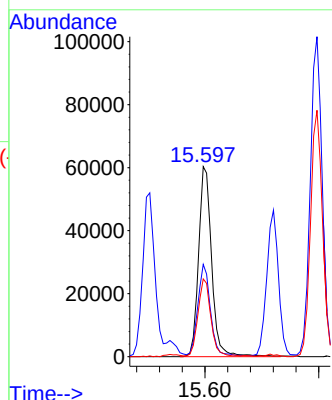
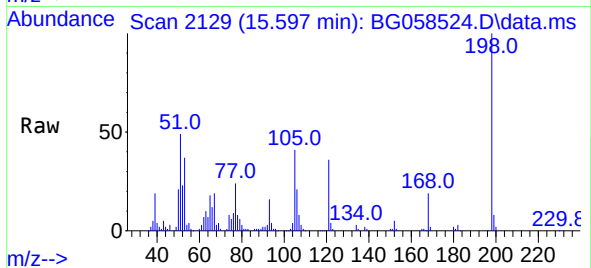
PB154164BSD

Tgt Ion:198 Resp: 9666
Ion Ratio Lower Upper
198 100
51 48.6 29.3 69.3
105 40.9 21.0 61.0

Manual Integrations

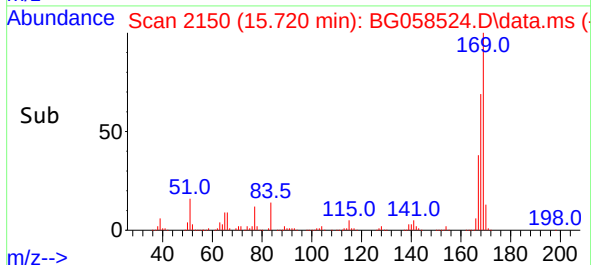
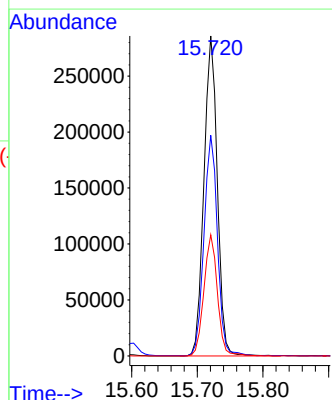
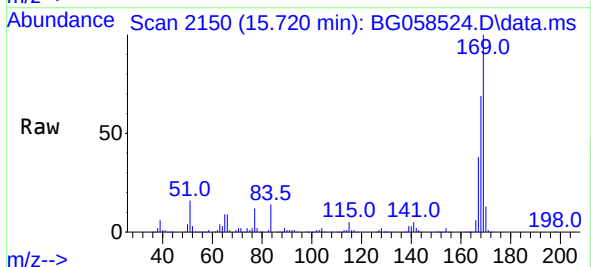
APPROVED

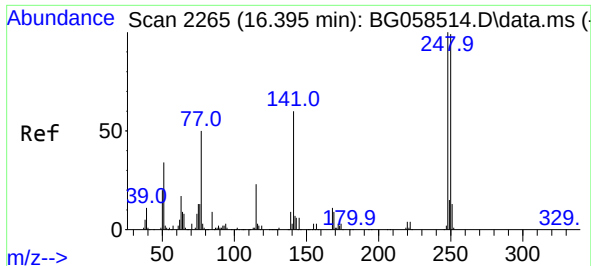
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023



#66
n-Nitrosodiphenylamine
Concen: 48.043 ng
RT: 15.720 min Scan# 2150
Delta R.T. 0.001 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00

Tgt Ion:169 Resp: 406715
Ion Ratio Lower Upper
169 100
168 69.0 54.6 82.0
167 37.8 31.3 46.9





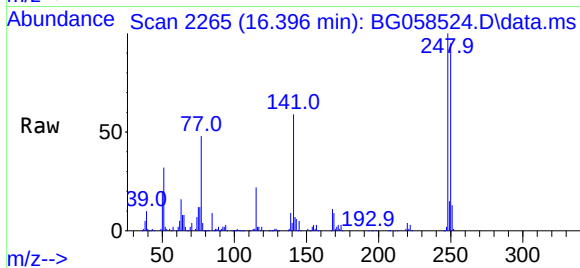
#67
4-Bromophenyl-phenylether
Concen: 47.130 ng
RT: 16.396 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00

Instrument :

BNA_G

ClientSampleId :

PB154164BSD

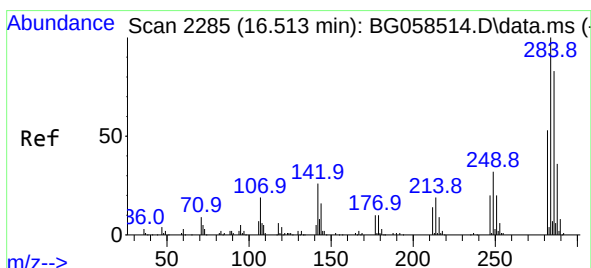
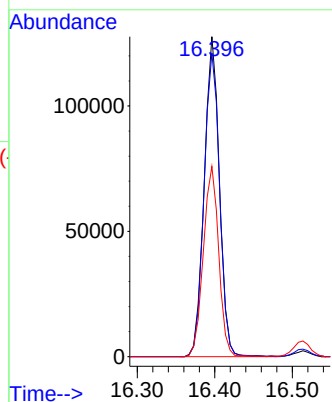
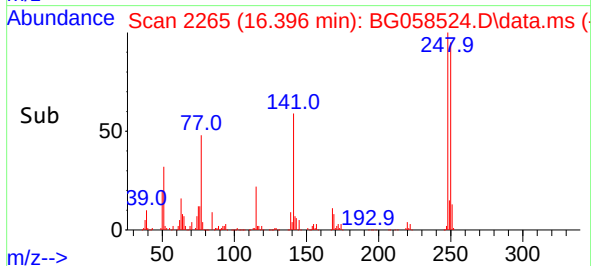


Tgt Ion:248 Resp: 173870
Ion Ratio Lower Upper
248 100
250 94.9 79.5 119.3
141 59.5 48.2 72.2

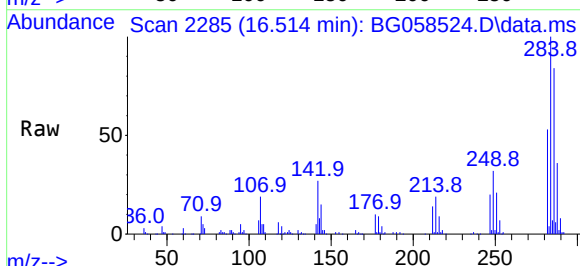
Manual Integrations

APPROVED

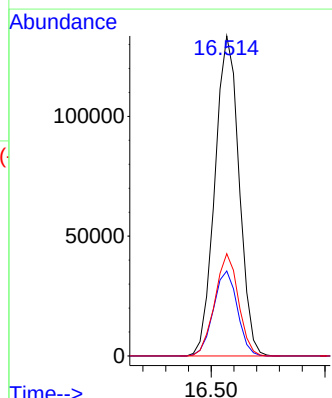
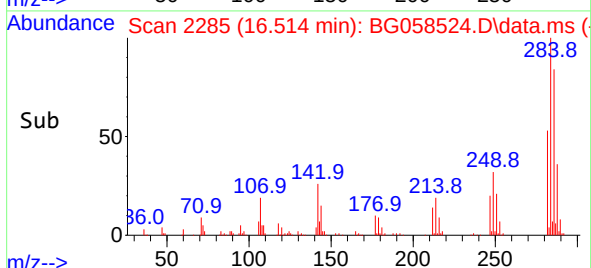
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023

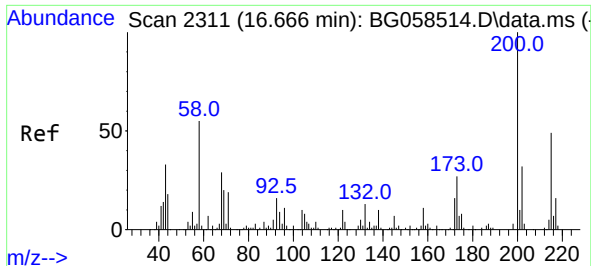


#68
Hexachlorobenzene
Concen: 50.369 ng
RT: 16.514 min Scan# 2285
Delta R.T. 0.001 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00



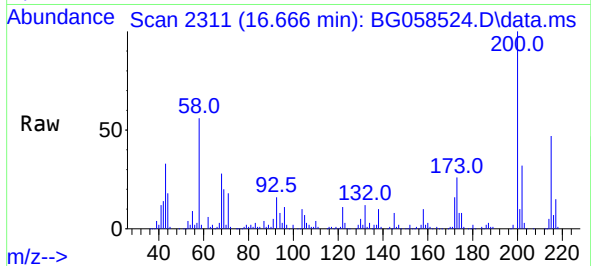
Tgt Ion:284 Resp: 196907
Ion Ratio Lower Upper
284 100
142 26.5 21.0 31.4
249 32.0 25.5 38.3





#69
Atrazine
Concen: 60.695 ng
RT: 16.666 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00

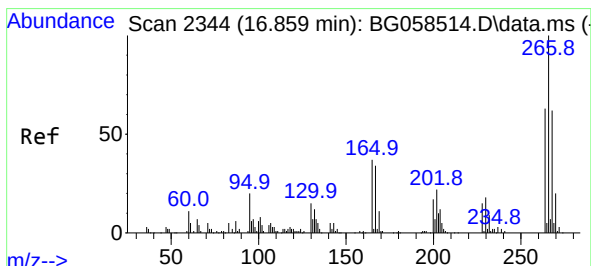
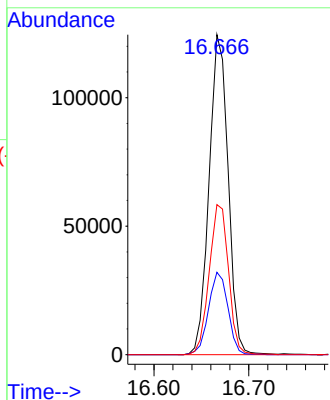
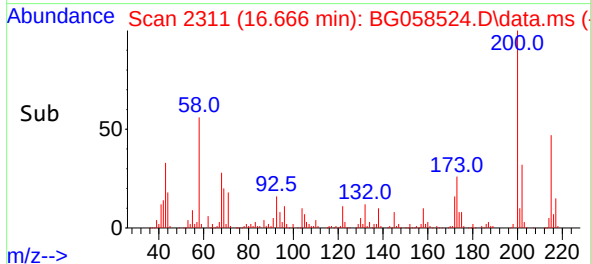
Instrument :
BNA_G
ClientSampleId :
PB154164BSD



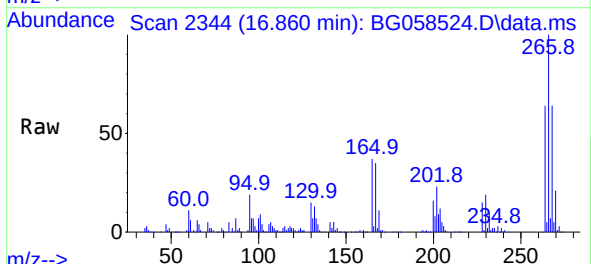
Tgt Ion:200 Resp: 173450
Ion Ratio Lower Upper
200 100
173 25.8 6.5 46.5
215 46.9 28.9 68.9

Manual Integrations
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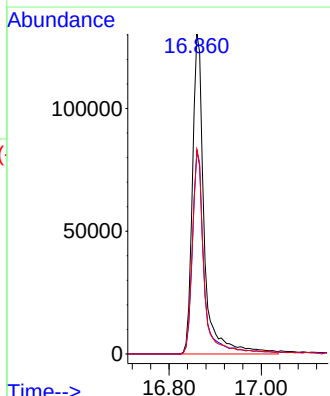
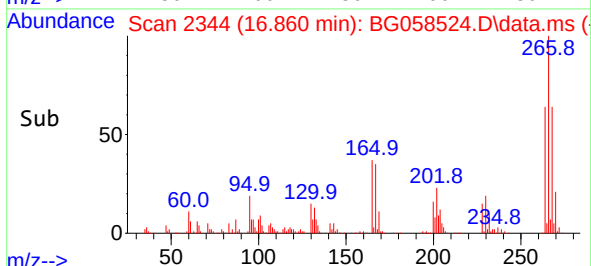
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023

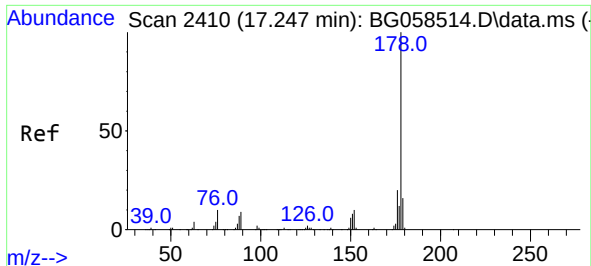


#70
Pentachlorophenol
Concen: 98.058 ng
RT: 16.860 min Scan# 2344
Delta R.T. 0.001 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00



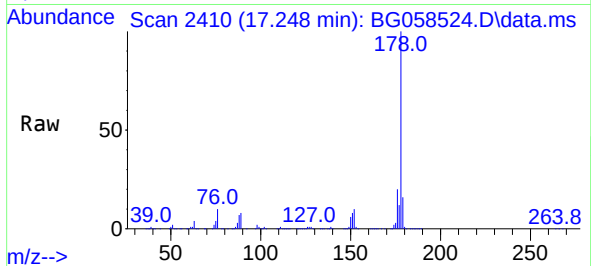
Tgt Ion:266 Resp: 232023
Ion Ratio Lower Upper
266 100
268 63.5 49.9 74.9
264 63.9 50.2 75.4





#71
Phenanthrene
Concen: 48.655 ng
RT: 17.248 min Scan# 2410
Delta R.T. 0.001 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00

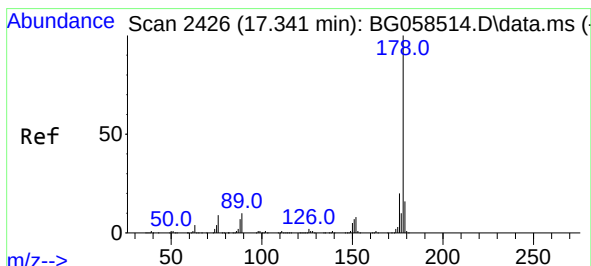
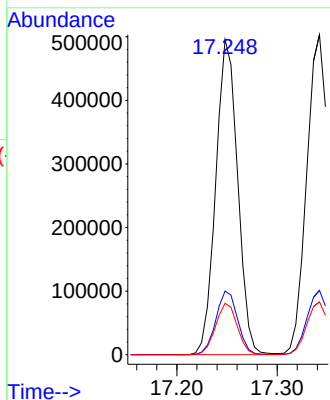
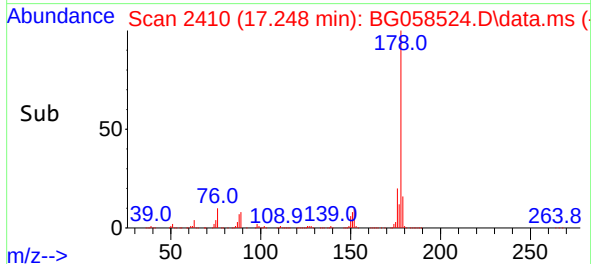
Instrument :
BNA_G
ClientSampleId :
PB154164BSD



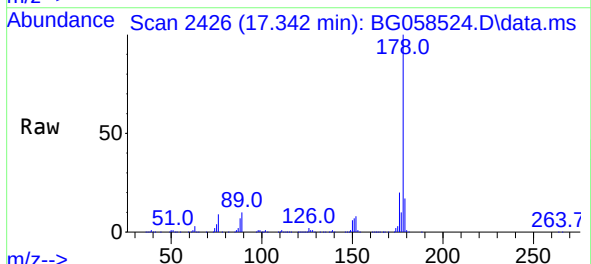
Tgt Ion:178 Resp: 750530
Ion Ratio Lower Upper
178 100
176 20.2 16.3 24.5
179 16.3 13.1 19.7

Manual Integrations
APPROVED

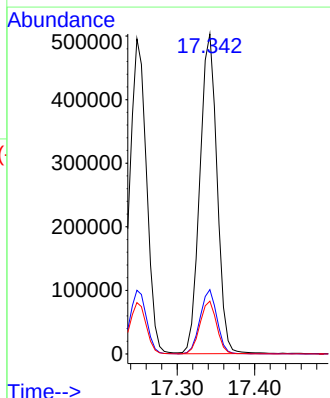
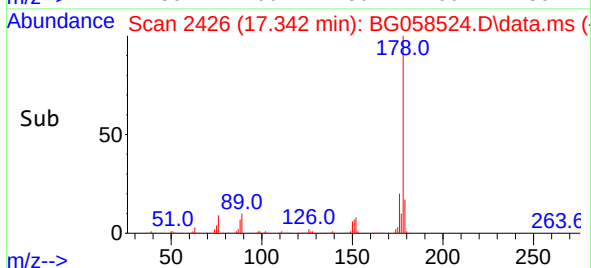
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023

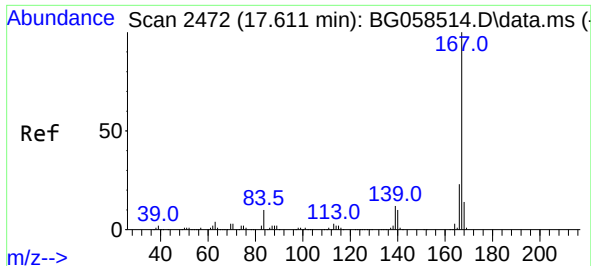


#72
Anthracene
Concen: 48.718 ng
RT: 17.342 min Scan# 2426
Delta R.T. 0.001 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00



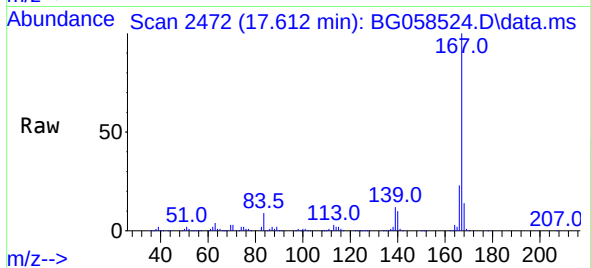
Tgt Ion:178 Resp: 771094
Ion Ratio Lower Upper
178 100
176 20.1 16.0 24.0
179 16.5 12.9 19.3





#73
 Carbazole
 Concen: 51.884 ng
 RT: 17.612 min Scan# 2472
 Delta R.T. 0.001 min
 Lab File: BG058524.D
 Acq: 28 Jul 2023 19:00

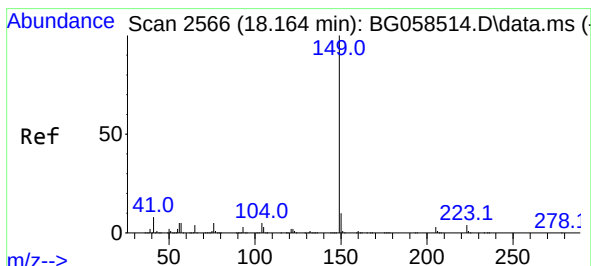
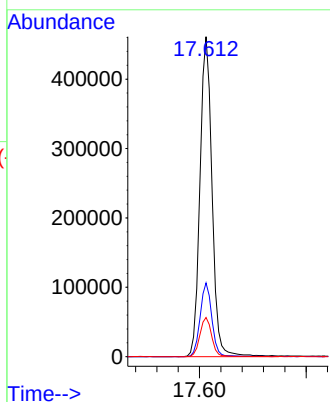
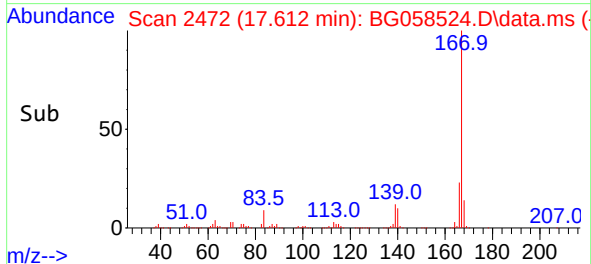
Instrument :
 BNA_G
 ClientSampleId :
 PB154164BSD



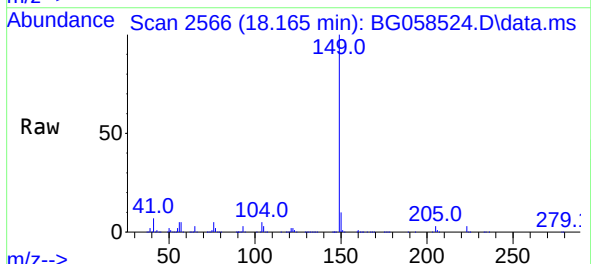
Tgt Ion:167 Resp: 72415
 Ion Ratio Lower Upper
 167 100
 166 23.0 18.4 27.6
 139 12.3 10.0 15.0

Manual Integrations
 APPROVED

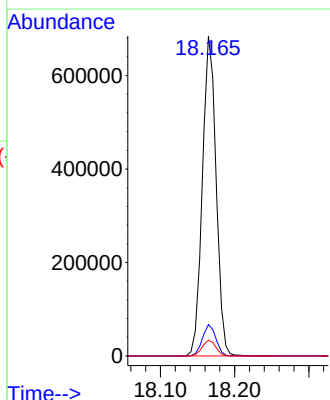
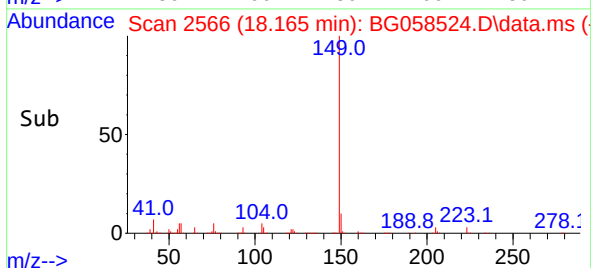
Reviewed By :Yogesh Patel 07/29/2023
 Supervised By :mohammad ahmed 07/29/2023

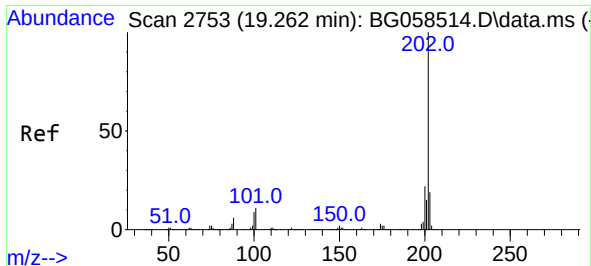


#74
 Di-n-butylphthalate
 Concen: 50.387 ng
 RT: 18.165 min Scan# 2566
 Delta R.T. 0.001 min
 Lab File: BG058524.D
 Acq: 28 Jul 2023 19:00



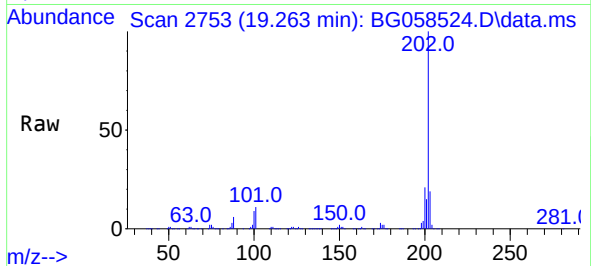
Tgt Ion:149 Resp: 880873
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.8 11.6
 104 4.9 4.0 6.0





#75
Fluoranthene
Concen: 49.737 ng
RT: 19.263 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00

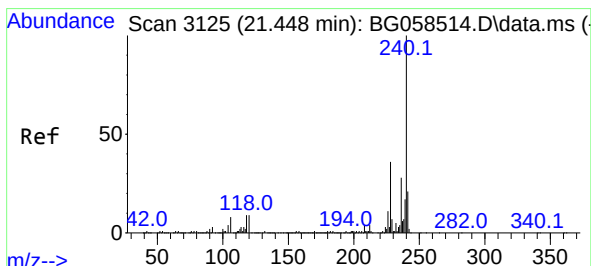
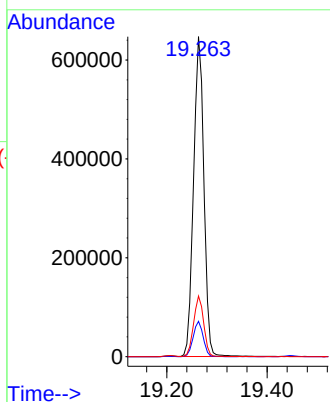
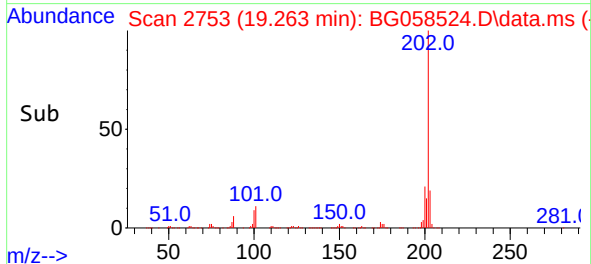
Instrument :
BNA_G
ClientSampleId :
PB154164BSD



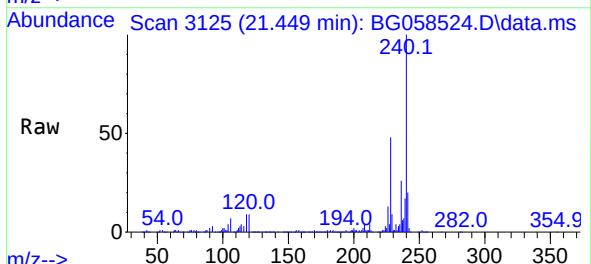
Tgt Ion:202 Resp: 92158
Ion Ratio Lower Upper
202 100
101 11.0 0.0 31.4
203 18.9 0.0 39.0

Manual Integrations
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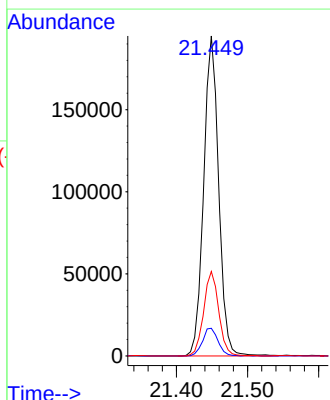
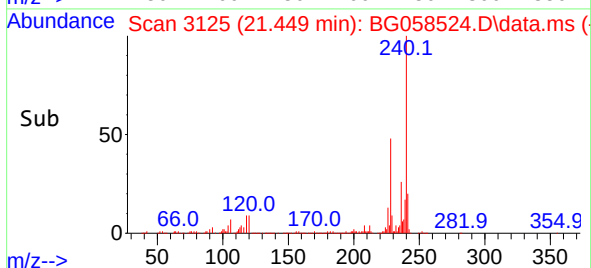
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023

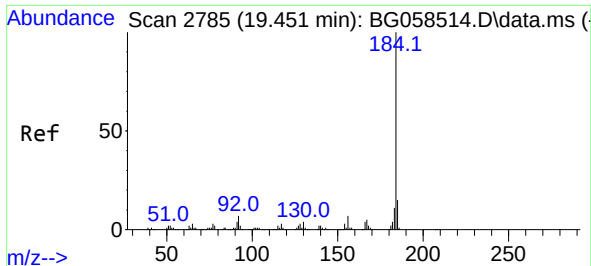


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.449 min Scan# 3125
Delta R.T. 0.001 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00



Tgt Ion:240 Resp: 286149
Ion Ratio Lower Upper
240 100
120 8.7 7.4 11.0
236 26.4 22.2 33.4





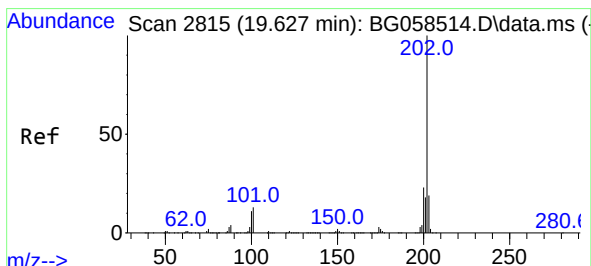
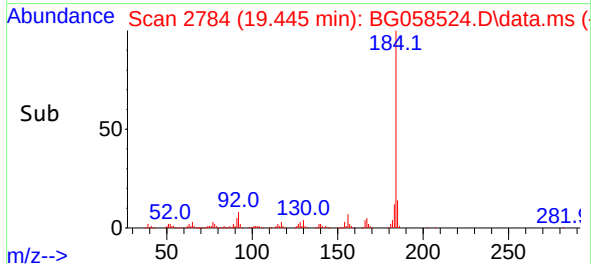
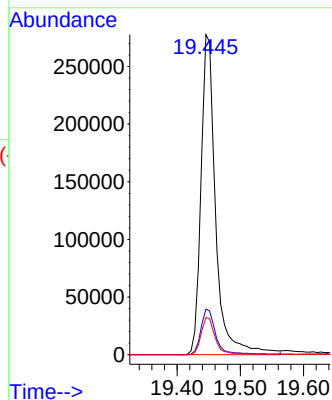
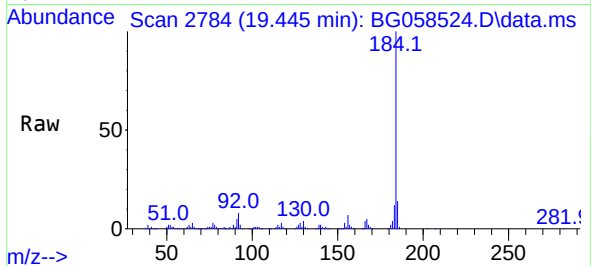
#77
Benzidine
Concen: 103.365 ng
RT: 19.445 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00

Instrument :
BNA_G
ClientSampleId :
PB154164BSD

Tgt Ion:184 Resp: 44851
Ion Ratio Lower Upper
184 100
185 14.3 11.9 17.9
183 11.6 8.7 13.1

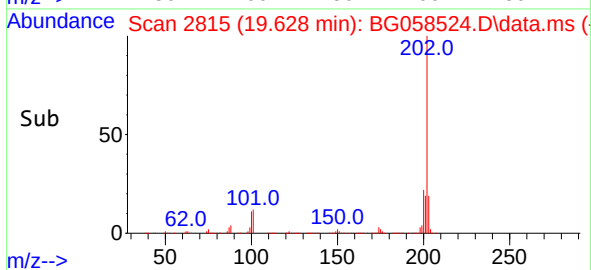
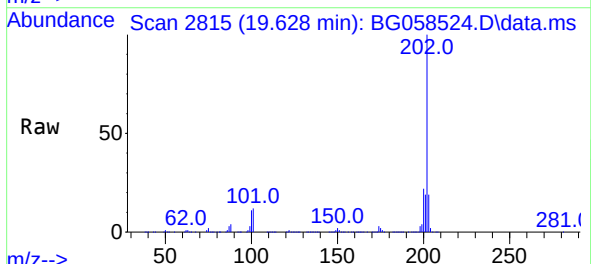
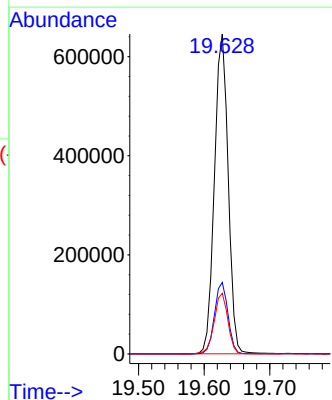
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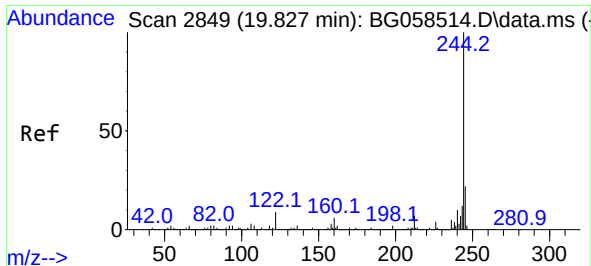
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023



#78
Pyrene
Concen: 48.150 ng
RT: 19.628 min Scan# 2815
Delta R.T. 0.001 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00

Tgt Ion:202 Resp: 937667
Ion Ratio Lower Upper
202 100
200 22.3 18.2 27.2
203 18.9 15.1 22.7





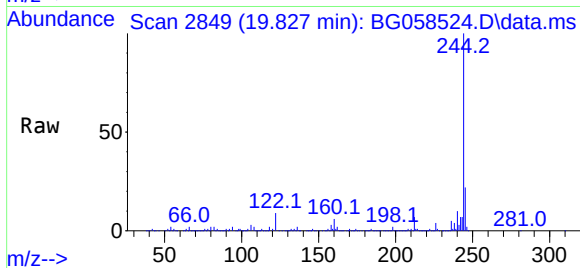
#79
 Terphenyl-d14
 Concen: 97.652 ng
 RT: 19.827 min Scan# 2849
 Delta R.T. 0.001 min
 Lab File: BG058524.D
 Acq: 28 Jul 2023 19:00

Instrument :

BNA_G

ClientSampleId :

PB154164BSD

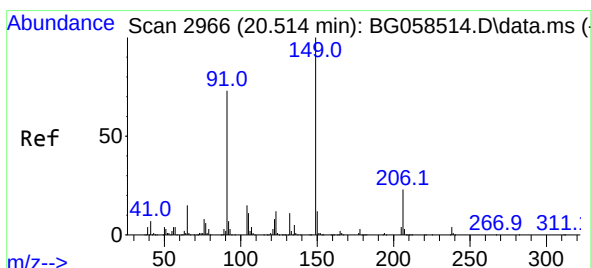
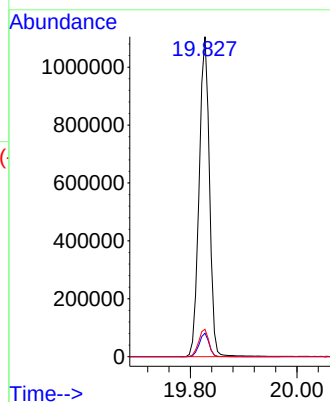
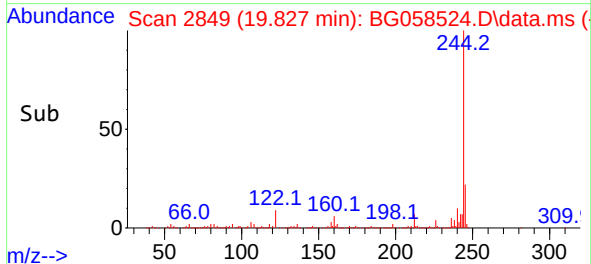


Tgt Ion:244 Resp: 1485919
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 8.6 6.8 10.2

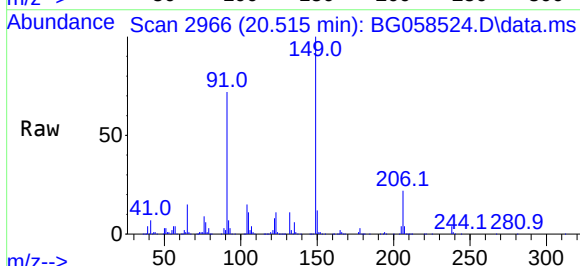
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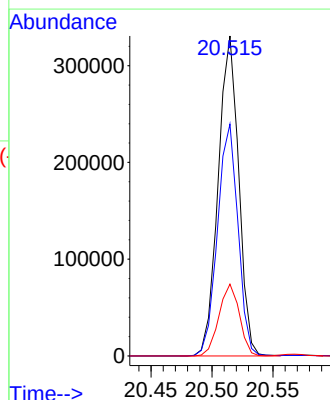
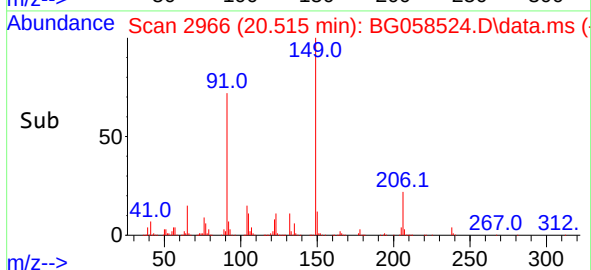
Reviewed By :Yogesh Patel 07/29/2023
 Supervised By :mohammad ahmed 07/29/2023

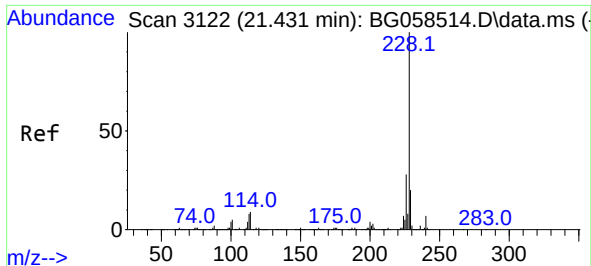


#80
 Butylbenzylphthalate
 Concen: 48.450 ng
 RT: 20.515 min Scan# 2966
 Delta R.T. 0.001 min
 Lab File: BG058524.D
 Acq: 28 Jul 2023 19:00



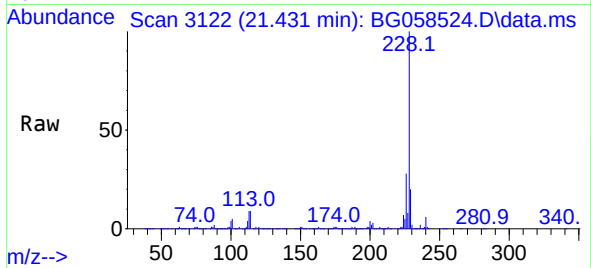
Tgt Ion:149 Resp: 387555
 Ion Ratio Lower Upper
 149 100
 91 72.4 58.4 87.6
 206 22.5 18.3 27.5





#81
Benzo(a)anthracene
Concen: 48.233 ng
RT: 21.431 min Scan# 3122
Delta R.T. 0.001 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00

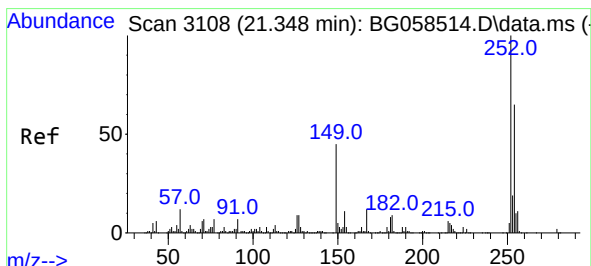
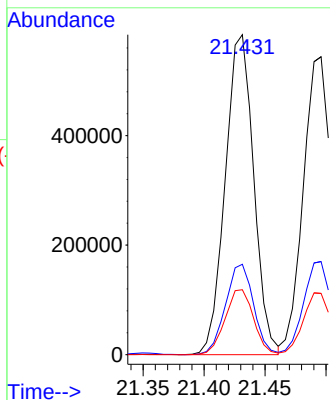
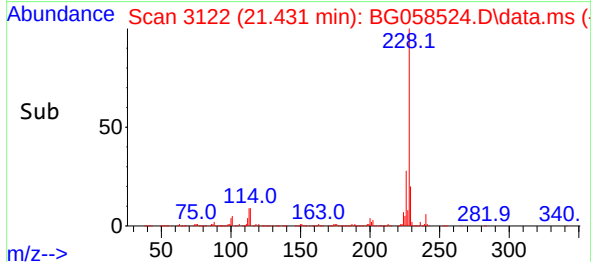
Instrument :
BNA_G
ClientSampleId :
PB154164BSD



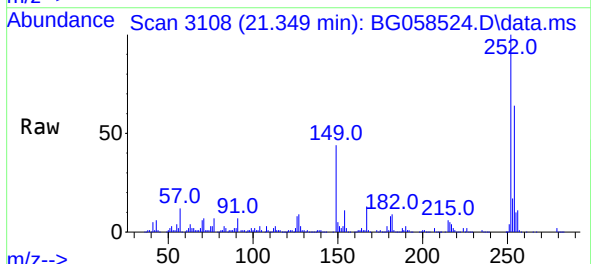
Tgt Ion:228 Resp: 949822
Ion Ratio Lower Upper
228 100
226 28.3 22.6 33.8
229 20.3 16.3 24.5

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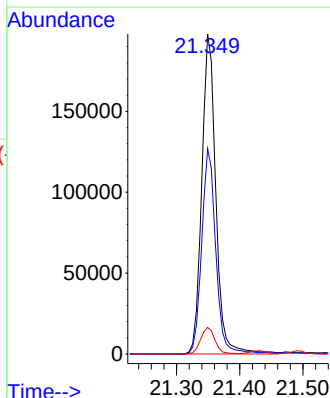
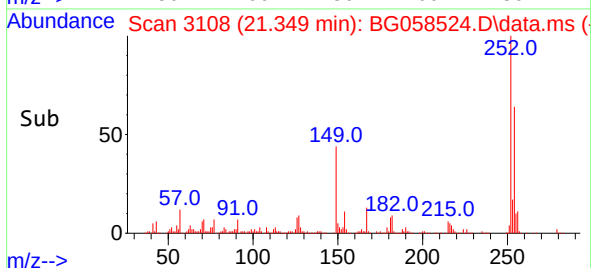
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023

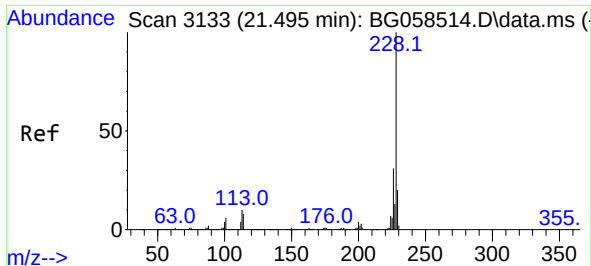


#82
3,3'-Dichlorobenzidine
Concen: 45.757 ng
RT: 21.349 min Scan# 3108
Delta R.T. 0.001 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00



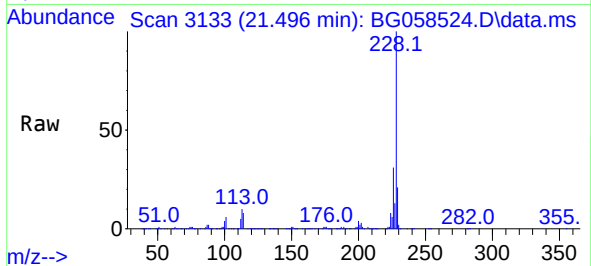
Tgt Ion:252 Resp: 304658
Ion Ratio Lower Upper
252 100
254 64.2 52.2 78.4
126 8.3 7.2 10.8





#83
Chrysene
Concen: 46.810 ng
RT: 21.496 min Scan# 3133
Delta R.T. 0.001 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00

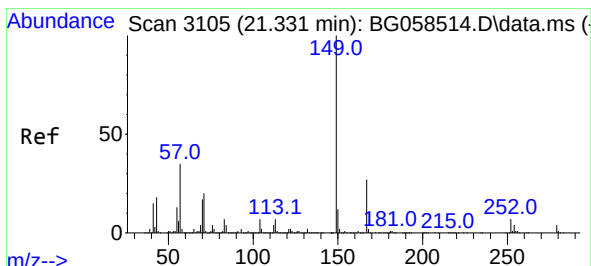
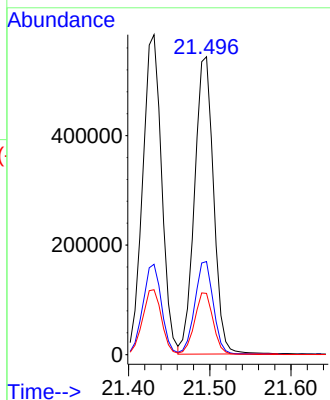
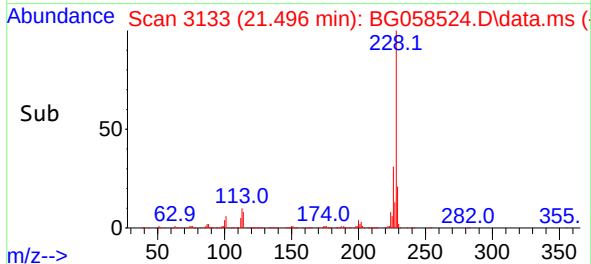
Instrument :
BNA_G
ClientSampleId :
PB154164BSD



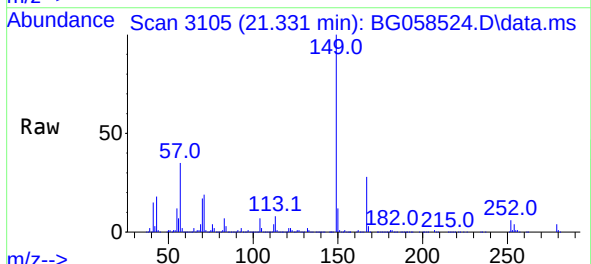
Tgt Ion:228 Resp: 88382
Ion Ratio Lower Upper
228 100
226 31.2 25.0 37.6
229 20.6 16.3 24.5

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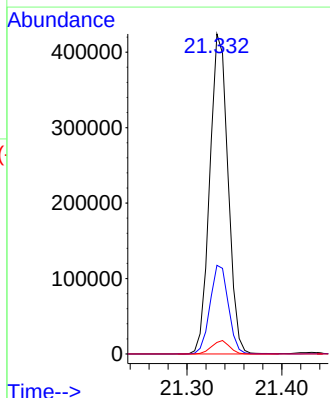
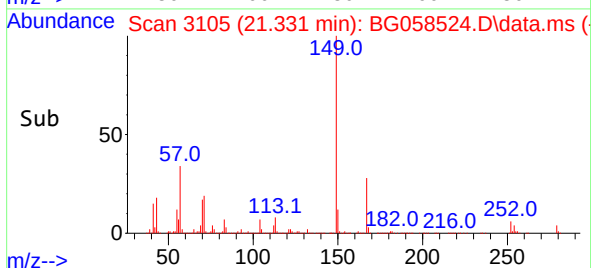
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023

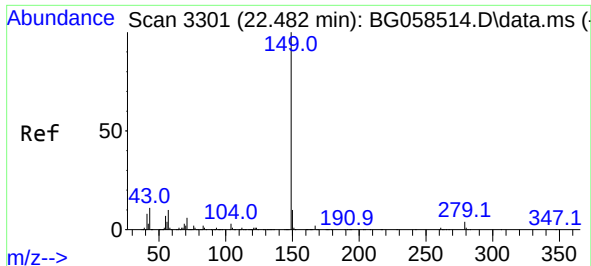


#84
Bis(2-ethylhexyl)phthalate
Concen: 48.383 ng
RT: 21.331 min Scan# 3105
Delta R.T. 0.001 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00



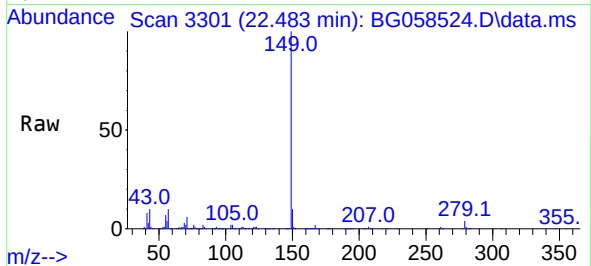
Tgt Ion:149 Resp: 565563
Ion Ratio Lower Upper
149 100
167 27.7 21.8 32.8
279 3.6 2.9 4.3





#85
Di-n-octyl phthalate
Concen: 48.908 ng
RT: 22.483 min Scan# 3301
Delta R.T. 0.001 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00

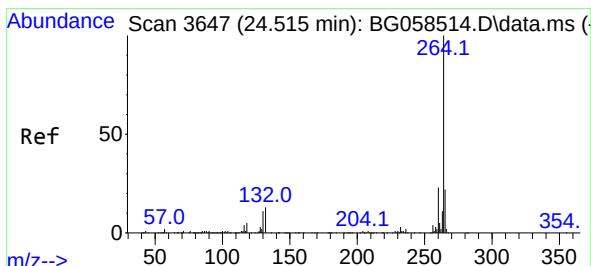
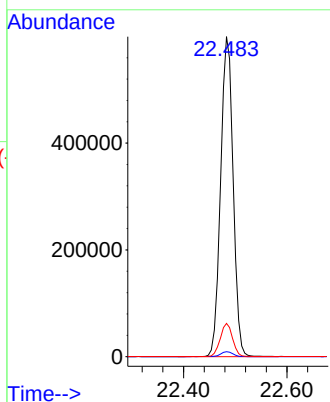
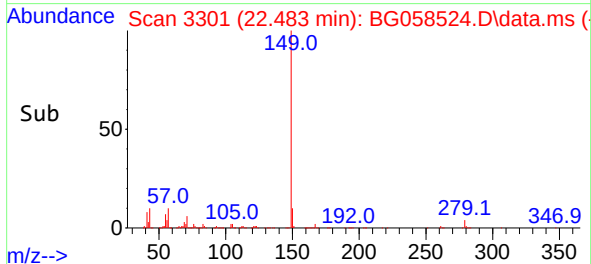
Instrument :
BNA_G
ClientSampleId :
PB154164BSD



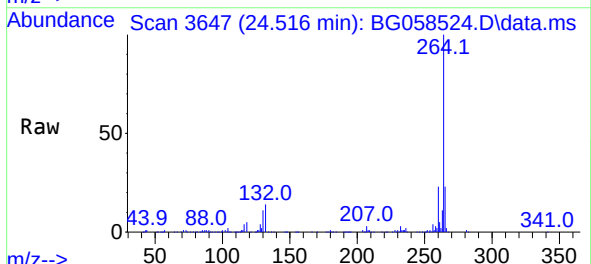
Tgt Ion:149 Resp: 1005124
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.2 8.2 12.2

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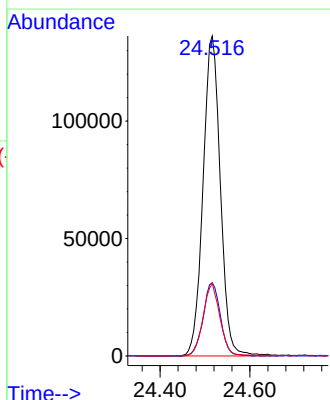
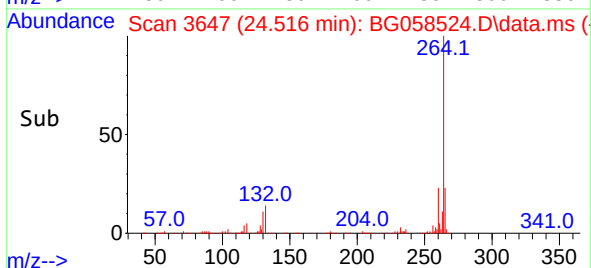
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023

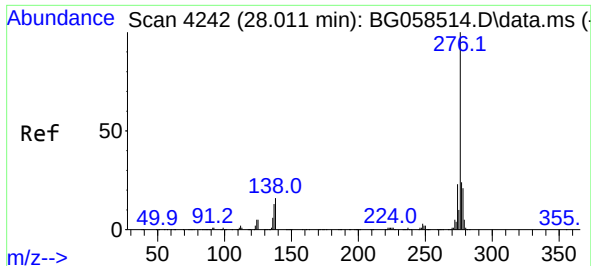


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.516 min Scan# 3647
Delta R.T. 0.001 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00



Tgt Ion:264 Resp: 364427
Ion Ratio Lower Upper
264 100
260 22.9 18.4 27.6
265 22.7 17.9 26.9





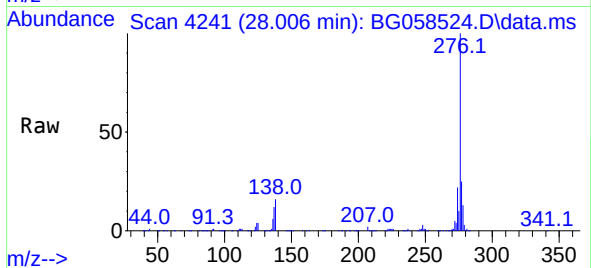
#87
Indeno(1,2,3-cd)pyrene
Concen: 50.623 ng
RT: 28.006 min Scan# 4241
Delta R.T. -0.005 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00

Instrument :

BNA_G

ClientSampleId :

PB154164BSD

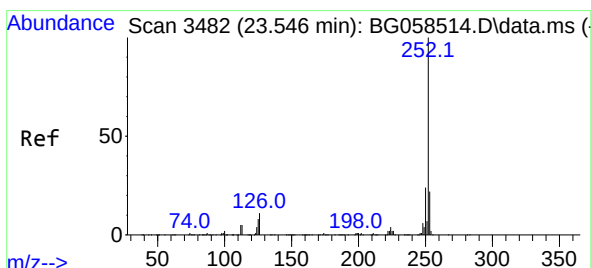
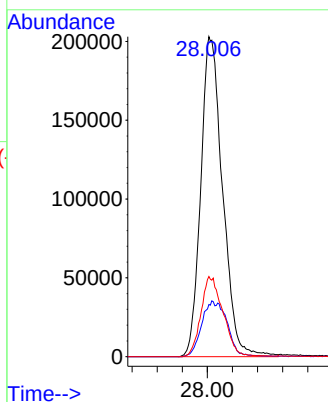
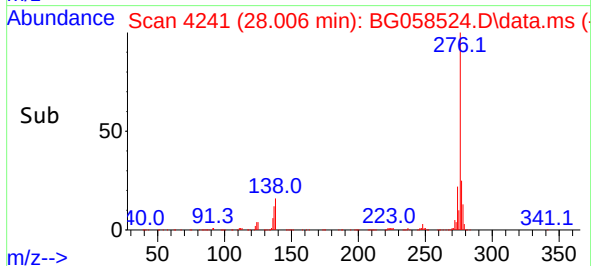


Tgt Ion:276 Resp: 1227319
Ion Ratio Lower Upper
276 100
138 11.5 16.0 24.0
277 25.3 20.4 30.6

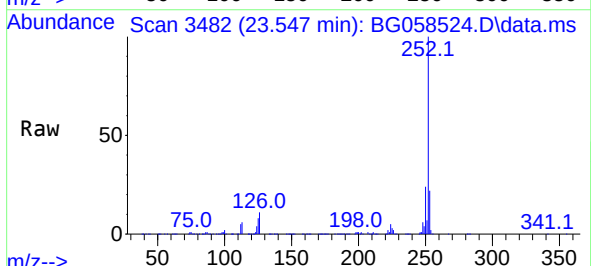
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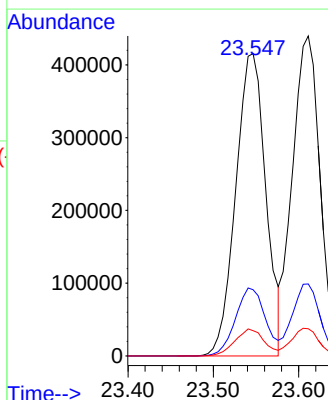
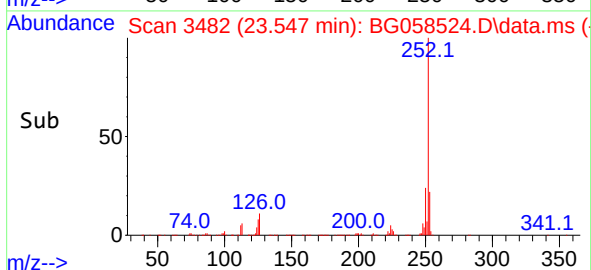
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023

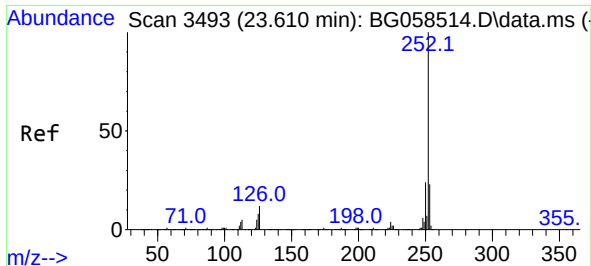


#88
Benzo(b)fluoranthene
Concen: 51.524 ng
RT: 23.547 min Scan# 3482
Delta R.T. 0.001 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00



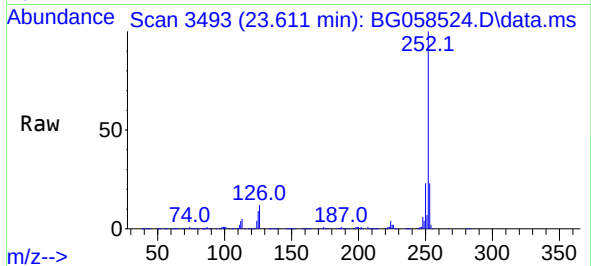
Tgt Ion:252 Resp: 1018403
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 8.3 6.6 9.8





#89
Benzo(k)fluoranthene
Concen: 50.683 ng
RT: 23.611 min Scan# 3493
Delta R.T. 0.001 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00

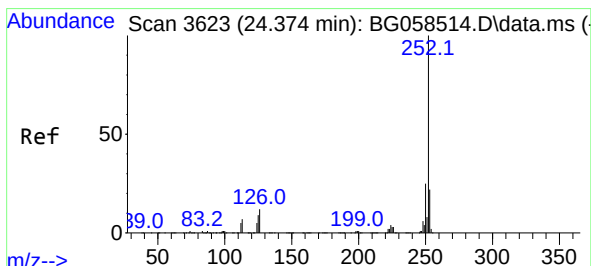
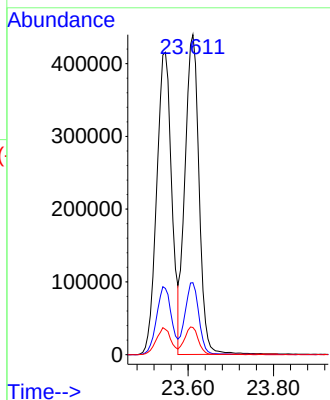
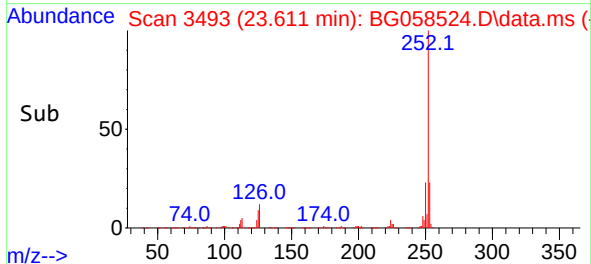
Instrument :
BNA_G
ClientSampleId :
PB154164BSD



Tgt Ion:252 Resp: 1006394
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 8.5 6.6 10.0

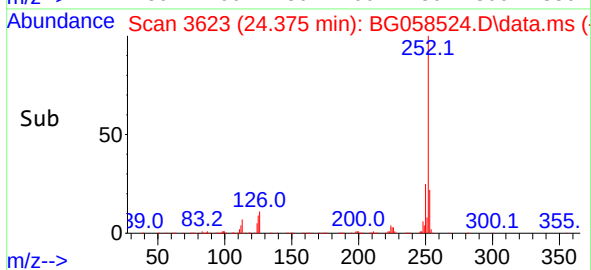
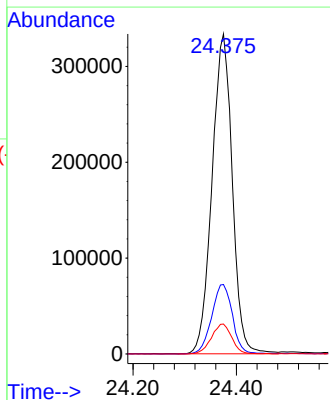
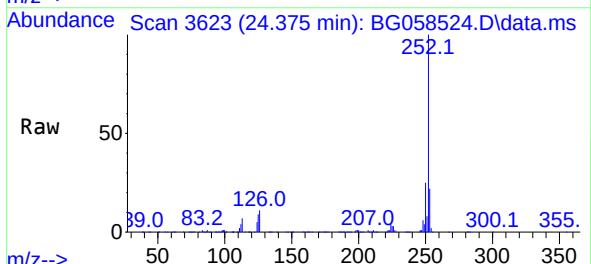
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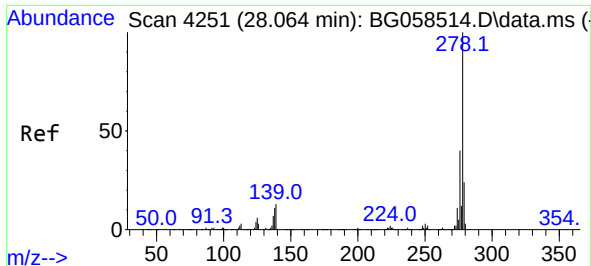
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023



#90
Benzo(a)pyrene
Concen: 46.661 ng
RT: 24.375 min Scan# 3623
Delta R.T. 0.001 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00

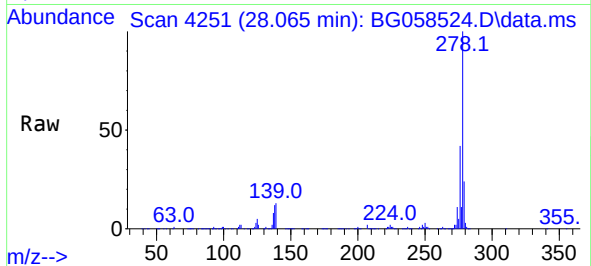
Tgt Ion:252 Resp: 905739
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 9.4 7.4 11.2





#91
Dibenzo(a,h)anthracene
Concen: 50.735 ng
RT: 28.065 min Scan# 41
Delta R.T. 0.001 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00

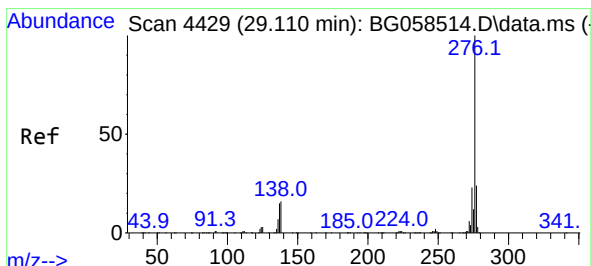
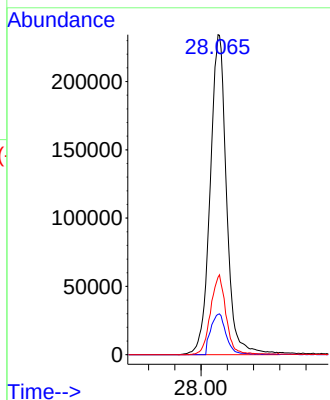
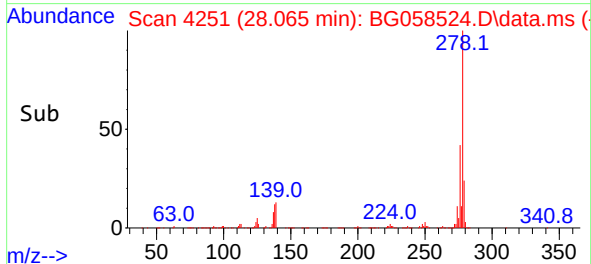
Instrument :
BNA_G
ClientSampleId :
PB154164BSD



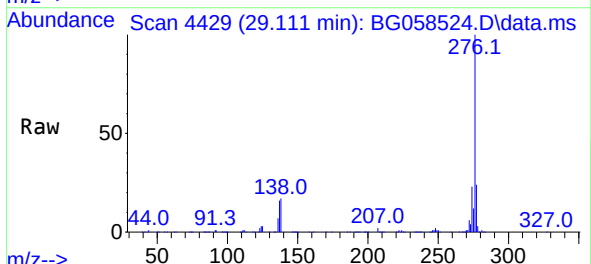
Tgt Ion:278 Resp: 1017054
Ion Ratio Lower Upper
278 100
139 12.6 10.4 15.6
279 24.2 19.0 28.6

Manual Integrations
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Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023



#92
Benzo(g,h,i)perylene
Concen: 49.567 ng
RT: 29.111 min Scan# 4429
Delta R.T. 0.001 min
Lab File: BG058524.D
Acq: 28 Jul 2023 19:00



Tgt Ion:276 Resp: 996379
Ion Ratio Lower Upper
276 100
277 23.9 18.9 28.3
138 16.9 13.0 19.4

