

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081623\
 Data File : BG058744.D
 Acq On : 16 Aug 2023 12:01
 Operator : MA/JU
 Sample : PB154463BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB154463BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/17/2023

Supervised By :mohammad ahmed 08/17/2023

08/17/2023

Supervised By :mohammad
ahmed

08/17/2023

Quant Time: Aug 16 12:44:07 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	7.806	152	30731	20.000	ng	0.00
21) Naphthalene-d8	10.609	136	134796	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	99315	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	250766	20.000	ng	0.00
76) Chrysene-d12	21.449	240	213823	20.000	ng	0.00
86) Perylene-d12	24.522	264	269357	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.386	112	262265	130.442	ng	0.00
7) Phenol-d6	6.984	99	359149	128.373	ng	0.00
23) Nitrobenzene-d5	8.976	82	219446	79.975	ng	0.00
42) 2,4,6-Tribromophenol	15.956	330	189375	116.335	ng	0.00
45) 2-Fluorobiphenyl	13.077	172	514959	77.704	ng	0.00
79) Terphenyl-d14	19.828	244	982615	86.419	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.265	88	31141	31.963	ng	# 88
3) Pyridine	3.658	79	77357	29.123	ng	# 80
4) n-Nitrosodimethylamine	3.582	42	51917	46.130	ng	85
6) Aniline	7.137	93	98598	28.625	ng	97
8) 2-Chlorophenol	7.378	128	98953	50.168	ng	99
9) Benzaldehyde	6.949	77	36919	24.289	ng	96
10) Phenol	7.013	94	133200	48.739	ng	94
11) bis(2-Chloroethyl)ether	7.231	93	88309	40.988	ng	93
12) 1,3-Dichlorobenzene	7.695	146	93308	44.302	ng	98
13) 1,4-Dichlorobenzene	7.848	146	95149	44.992	ng	98
14) 1,2-Dichlorobenzene	8.159	146	93087	46.039	ng	97
15) Benzyl Alcohol	8.053	79	95799	53.995	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.341	45	190402m	54.403	ng	
17) 2-Methylphenol	8.259	107	90427	45.253	ng	95
18) Hexachloroethane	8.888	117	34391	44.741	ng	99
19) n-Nitroso-di-n-propyla...	8.617	70	77913	43.115	ng	92
20) 3+4-Methylphenols	8.588	107	123252	45.599	ng	98
22) Acetophenone	8.635	105	154770	42.881	ng	97
24) Nitrobenzene	9.017	77	115965	41.571	ng	95
25) Isophorone	9.534	82	226708	39.988	ng	99
26) 2-Nitrophenol	9.728	139	53724	44.243	ng	96
27) 2,4-Dimethylphenol	9.786	122	89972	44.669	ng	96
28) bis(2-Chloroethoxy)met...	10.022	93	126602	41.033	ng	100
29) 2,4-Dichlorophenol	10.268	162	98749	47.219	ng	93
30) 1,2,4-Trichlorobenzene	10.474	180	105434	43.716	ng	99
31) Naphthalene	10.662	128	290896	40.945	ng	100
32) Benzoic acid	9.963	122	58862	39.204	ng	99
33) 4-Chloroaniline	10.779	127	62554	20.840	ng	97
34) Hexachlorobutadiene	10.938	225	67841	43.679	ng	93
35) Caprolactam	11.555	113	34880m	45.166	ng	
36) 4-Chloro-3-methylphenol	11.913	107	121540	46.981	ng	99
37) 2-Methylnaphthalene	12.278	142	204181	40.177	ng	97
38) 1-Methylnaphthalene	12.495	142	199321	41.260	ng	100
40) 1,2,4,5-Tetrachloroben...	12.648	216	124567	40.854	ng	99
41) Hexachlorocyclopentadiene	12.618	237	106495	75.607	ng	97
43) 2,4,6-Trichlorophenol	12.895	196	88609	42.251	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.971	196	99178	40.150	ng	98
46) 1,1'-Biphenyl	13.288	154	278717	40.865	ng	98
47) 2-Chloronaphthalene	13.335	162	225884	42.476	ng	99
48) 2-Nitroaniline	13.547	65	90915	44.790	ng	100
49) Acenaphthylene	14.181	152	376119	42.244	ng	99
50) Dimethylphthalate	13.917	163	314568	42.174	ng	100
51) 2,6-Dinitrotoluene	14.040	165	71803	43.873	ng	97
52) Acenaphthene	14.522	154	213750	41.548	ng	99
53) 3-Nitroaniline	14.375	138	42481	25.944	ng	98
54) 2,4-Dinitrophenol	14.593	184	78729	84.836	ng	93
55) Dibenzofuran	14.857	168	368153	41.646	ng	98
56) 4-Nitrophenol	14.698	139	102487	84.283	ng	92
57) 2,4-Dinitrotoluene	14.834	165	101840	44.885	ng	97
58) Fluorene	15.509	166	298484	42.503	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.092	232	89710	42.560	ng	98
60) Diethylphthalate	15.280	149	334251	43.988	ng	99
61) 4-Chlorophenyl-phenyle...	15.497	204	164347	41.977	ng	95
62) 4-Nitroaniline	15.539	138	71936m	46.377	ng	
63) Azobenzene	15.791	77	306453	40.945	ng	97
65) 4,6-Dinitro-2-methylph...	15.603	198	62158	44.954	ng	99
66) n-Nitrosodiphenylamine	15.715	169	270726	41.480	ng	98
67) 4-Bromophenyl-phenylether	16.391	248	114497	40.256	ng	94
68) Hexachlorobenzene	16.514	284	128496	42.635	ng	99
69) Atrazine	16.667	200	114288	51.872	ng	97
70) Pentachlorophenol	16.861	266	123388	67.638	ng	98
71) Phenanthrene	17.248	178	504941	42.459	ng	99
72) Anthracene	17.336	178	507530	41.592	ng	98
73) Carbazole	17.613	167	476691	44.300	ng	99
74) Di-n-butylphthalate	18.165	149	596349	44.246	ng	99
75) Fluoranthene	19.264	202	622699	43.590	ng	98
77) Benzidine	19.452	184	219270	67.625	ng	98
78) Pyrene	19.628	202	633490	43.533	ng	98
80) Butylbenzylphthalate	20.509	149	264523	44.255	ng	99
81) Benzo(a)anthracene	21.432	228	643142	43.706	ng	98
82) 3,3'-Dichlorobenzidine	21.349	252	173253	34.823	ng	99
83) Chrysene	21.496	228	595274	42.192	ng	98
84) Bis(2-ethylhexyl)phtha...	21.332	149	389393	44.579	ng	100
85) Di-n-octyl phthalate	22.483	149	685642	44.647	ng	97
87) Indeno(1,2,3-cd)pyrene	28.024	276	799816	44.634	ng	# 81
88) Benzo(b)fluoranthene	23.547	252	689998	47.230	ng	99
89) Benzo(k)fluoranthene	23.611	252	635603	43.308	ng	99
90) Benzo(a)pyrene	24.375	252	606288	42.258	ng	99
91) Dibenzo(a,h)anthracene	28.077	278	663309	44.767	ng	99
92) Benzo(g,h,i)perylene	29.117	276	641352	43.166	ng	98

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

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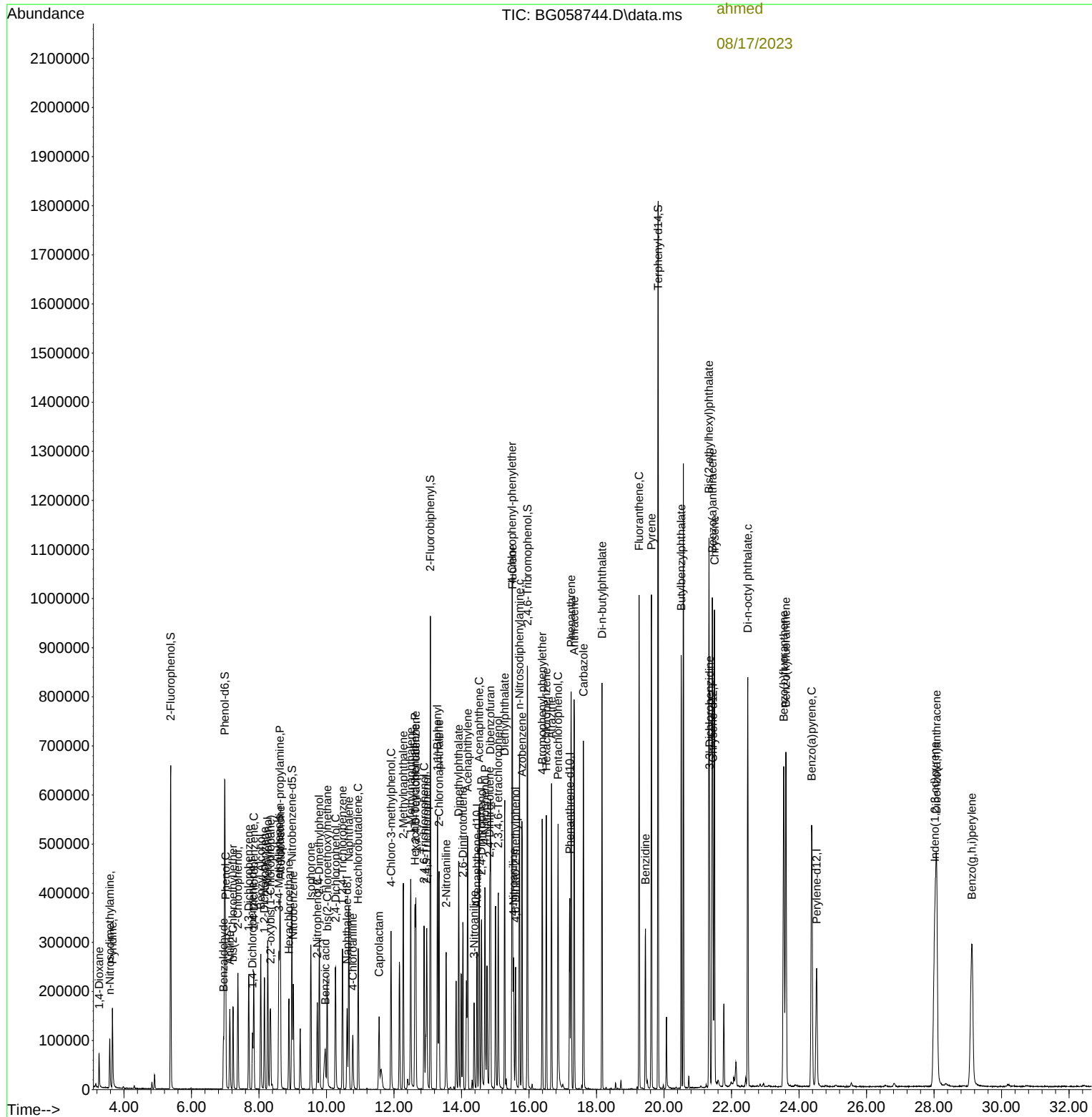
Instrument :
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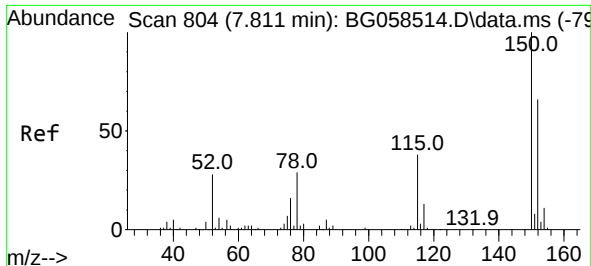
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 ahmed

08/17/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.806 min Scan# 80
Delta R.T. -0.005 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Instrument :

BNA_G

ClientSampleId :

PB154463BS

Tgt Ion:152 Resp: 3073
Ion Ratio Lower Upper
152 100
150 163.2 120.5 180.7
115 58.2 45.9 68.9

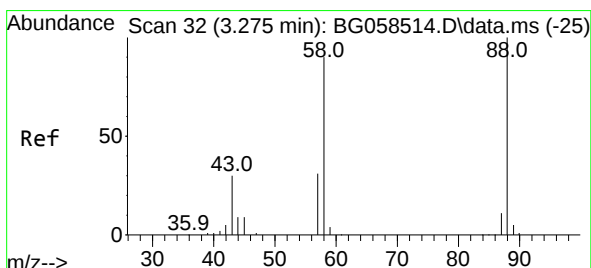
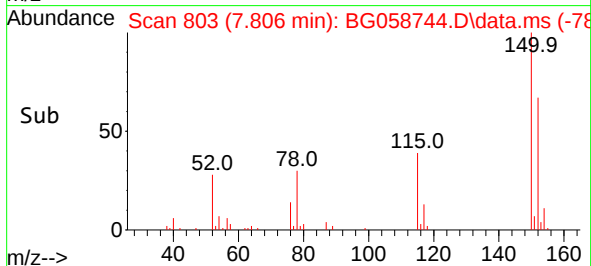
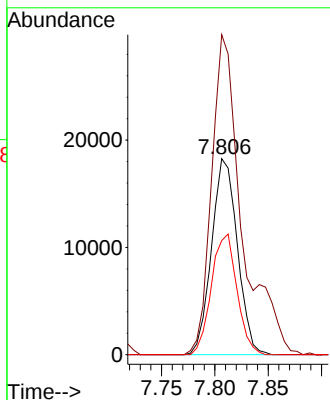
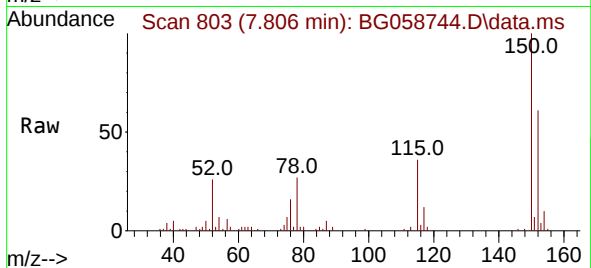
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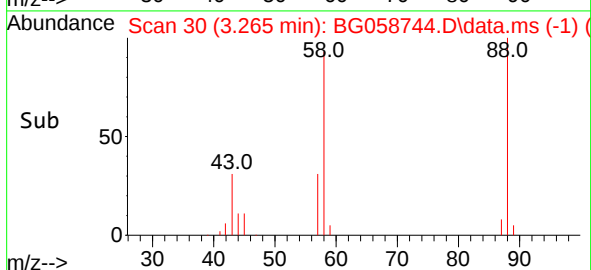
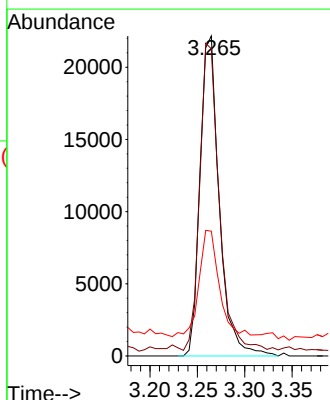
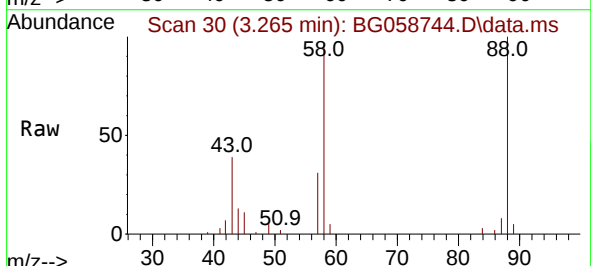
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ahmed

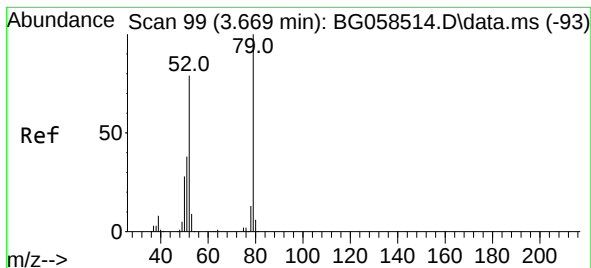
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#2
1,4-Dioxane
Concen: 31.963 ng
RT: 3.265 min Scan# 30
Delta R.T. -0.011 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Tgt Ion: 88 Resp: 31141
Ion Ratio Lower Upper
88 100
58 96.8 68.9 103.3
43 34.9 22.9 34.3#





#3

Pyridine

Concen: 29.123 ng

RT: 3.658 min Scan# 91

Delta R.T. -0.011 min

Lab File: BG058744.D

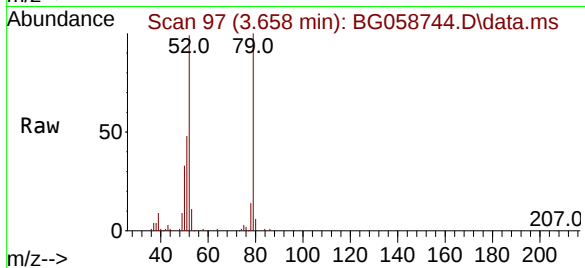
Acq: 16 Aug 2023 12:01

Instrument :

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Tgt Ion:	79	Resp:	7735
Ion Ratio	Lower	Upper	
79	100		
52	99.4	63.2	94.8
51	48.1	31.9	47.9

Manual Integrations

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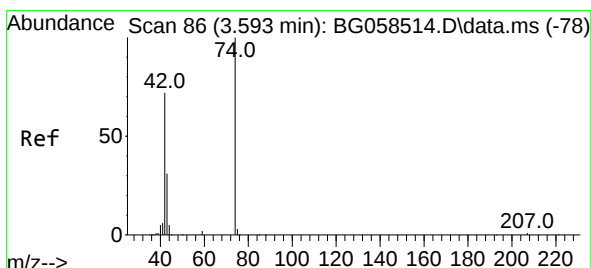
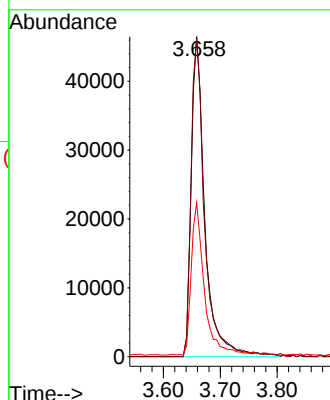
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#4

n-Nitrosodimethylamine

Concen: 46.130 ng

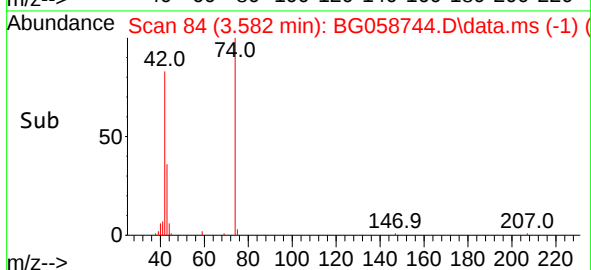
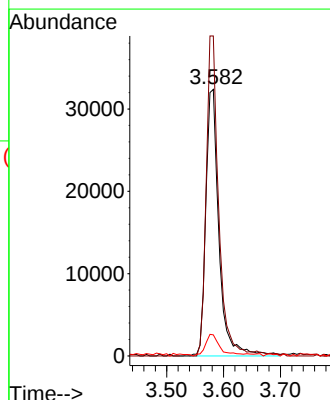
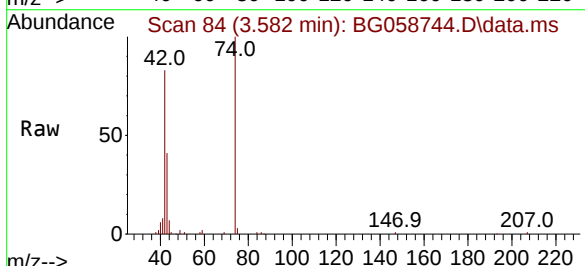
RT: 3.582 min Scan# 84

Delta R.T. -0.011 min

Lab File: BG058744.D

Acq: 16 Aug 2023 12:01

Tgt Ion:	42	Resp:	51917
Ion Ratio	Lower	Upper	
42	100		
74	120.0	111.5	167.3
44	8.0	5.4	8.2





#5
2-Fluorophenol
Concen: 130.442 ng
RT: 5.386 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Instrument :

BNA_G

ClientSampleId :

PB154463BS

Tgt Ion:112 Resp: 26226
Ion Ratio Lower Upper
112 100
64 76.9 55.3 82.9
63 39.0 28.3 42.5

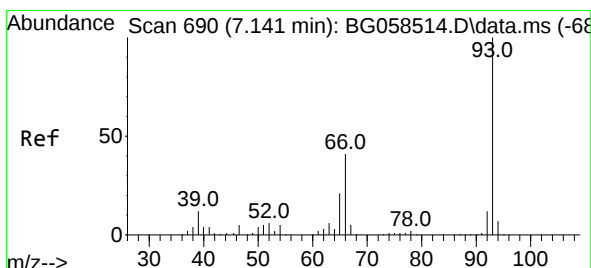
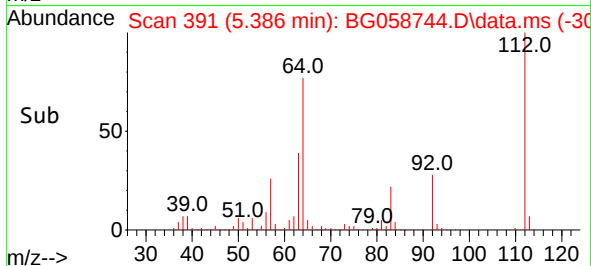
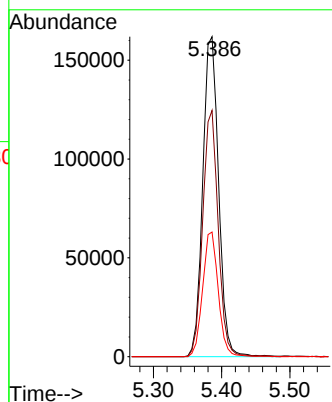
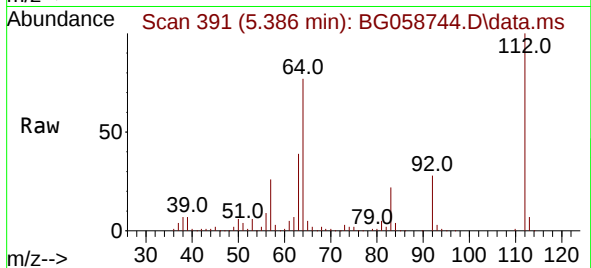
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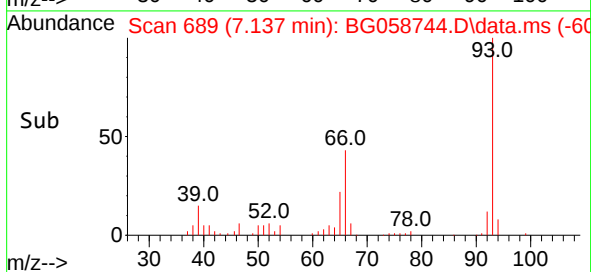
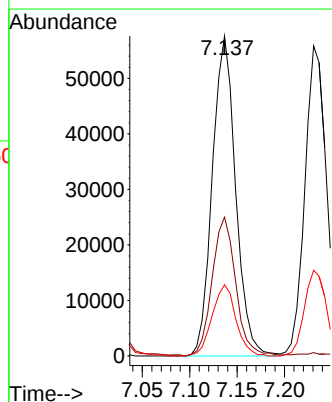
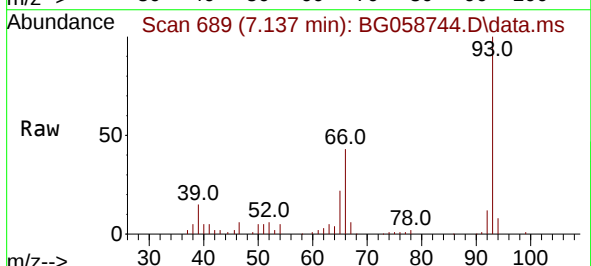
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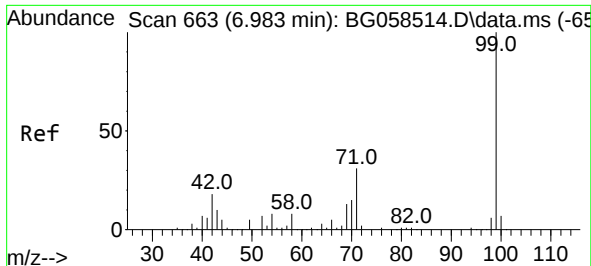
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#6
Aniline
Concen: 28.625 ng
RT: 7.137 min Scan# 689
Delta R.T. -0.005 min
Lab File: BG058744.D
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Tgt Ion: 93 Resp: 98598
Ion Ratio Lower Upper
93 100
66 43.4 33.1 49.7
65 22.3 17.0 25.4





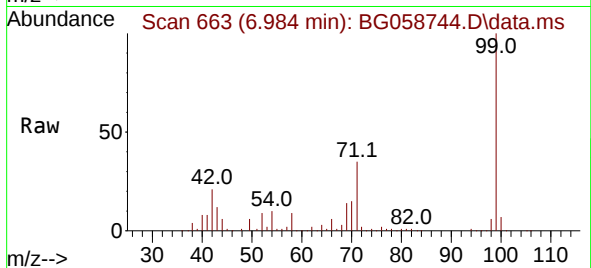
#7
Phenol-d6
Concen: 128.373 ng
RT: 6.984 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

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Tgt Ion: 99 Resp: 359149
Ion Ratio Lower Upper
99 100
42 21.5 14.6 21.8
71 35.2 25.0 37.4

Manual Integrations

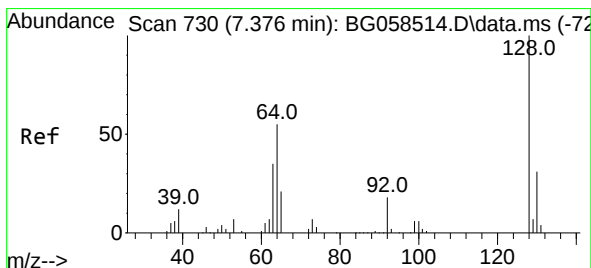
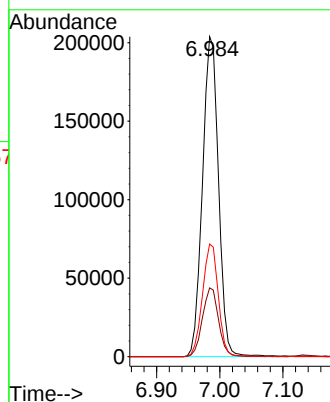
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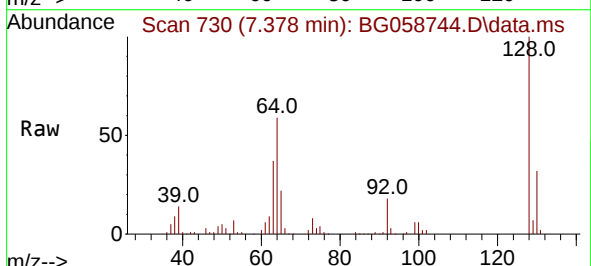
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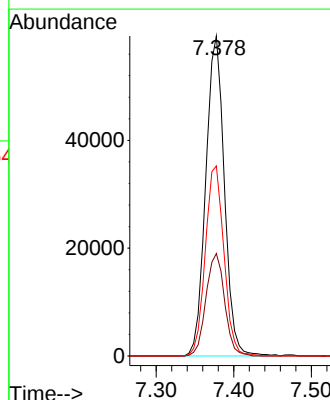
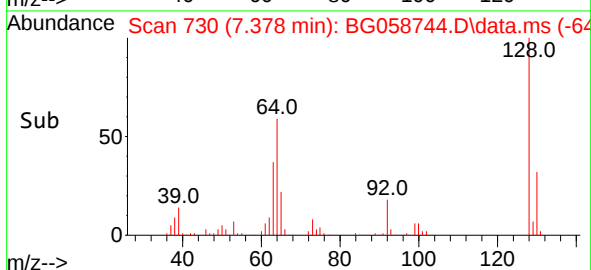
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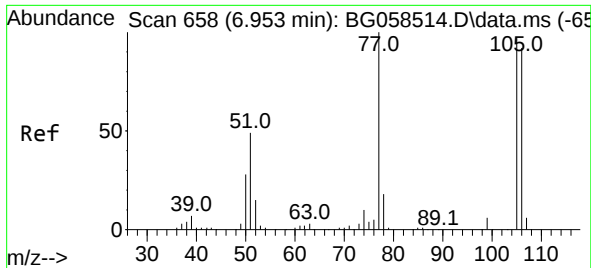


#8
2-Chlorophenol
Concen: 50.168 ng
RT: 7.378 min Scan# 730
Delta R.T. 0.001 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01



Tgt Ion:128 Resp: 98953
Ion Ratio Lower Upper
128 100
130 32.0 10.9 50.9
64 59.4 39.0 79.0





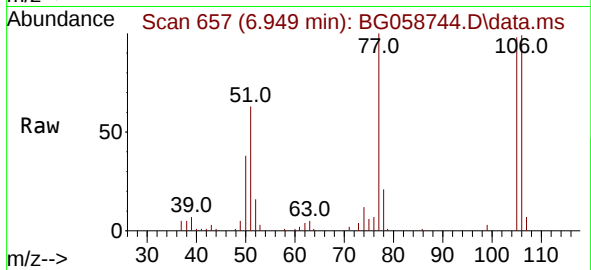
#9
Benzaldehyde
Concen: 24.289 ng
RT: 6.949 min Scan# 658
Delta R.T. -0.004 min
Lab File: BG058744.D
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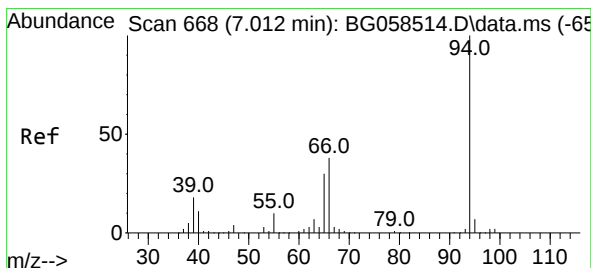
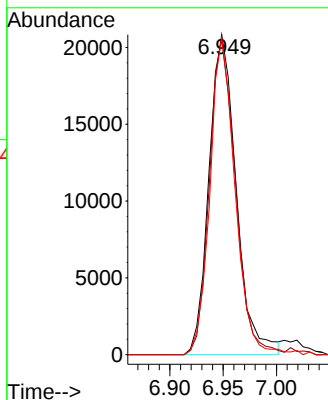
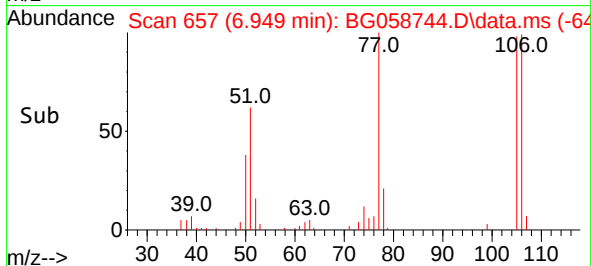
Tgt Ion: 77 Resp: 36919
Ion Ratio Lower Upper
77 100
105 98.4 77.1 117.1
106 99.0 71.6 111.6

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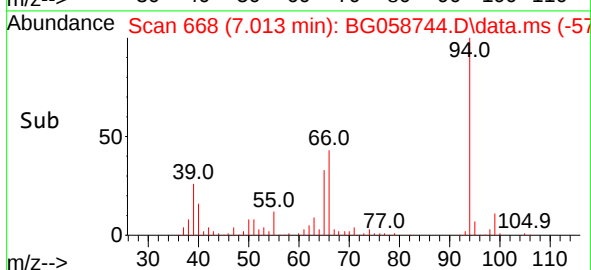
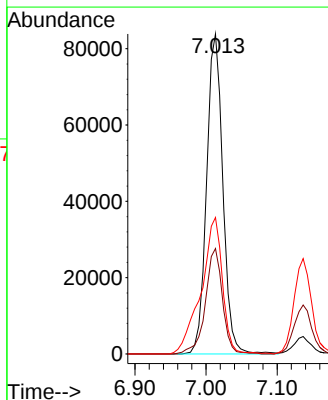
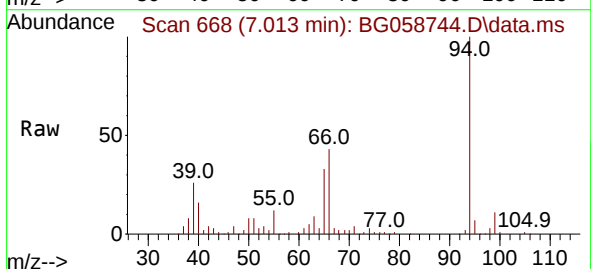
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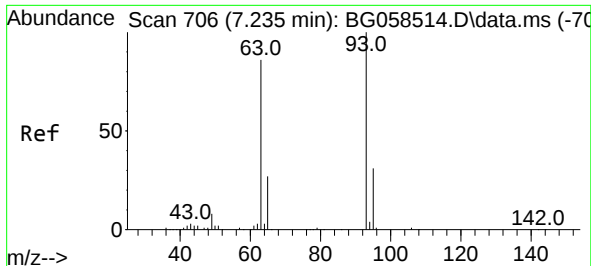
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#10
Phenol
Concen: 48.739 ng
RT: 7.013 min Scan# 668
Delta R.T. 0.001 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Tgt Ion: 94 Resp: 133200
Ion Ratio Lower Upper
94 100
65 33.0 10.4 50.4
66 42.7 18.7 58.7





#11
bis(2-Chloroethyl)ether
Concen: 40.988 ng
RT: 7.231 min Scan# 706
Delta R.T. -0.005 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Instrument :

BNA_G

ClientSampleId :

PB154463BS

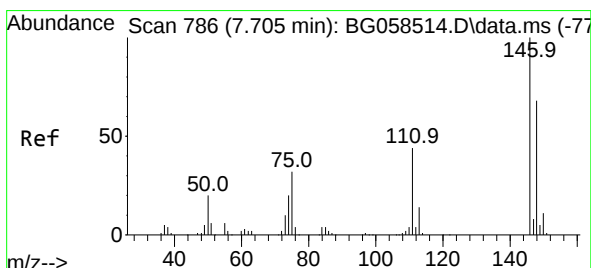
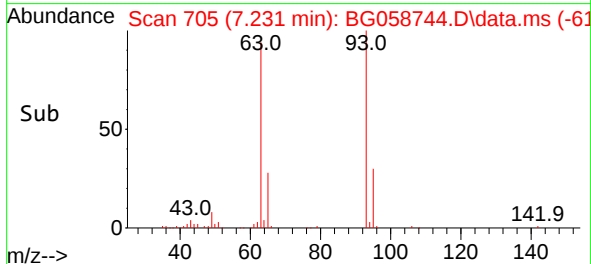
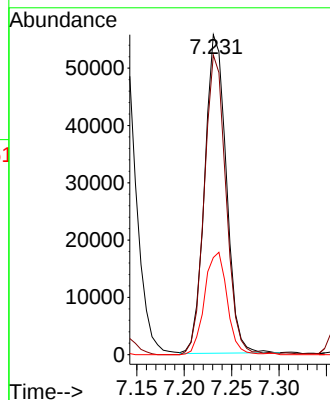
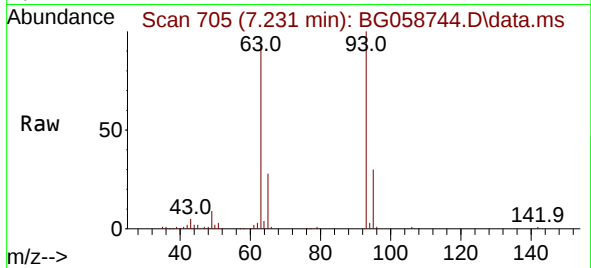
Tgt Ion: 93 Resp: 88309
Ion Ratio Lower Upper
93 100
63 93.6 65.5 105.5
95 30.4 11.2 51.2

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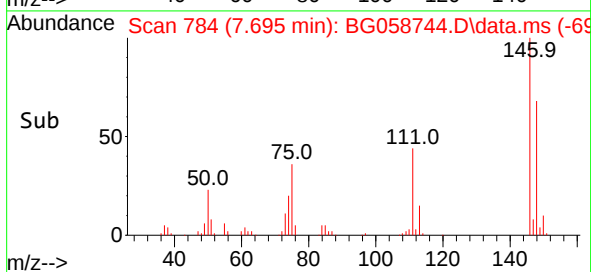
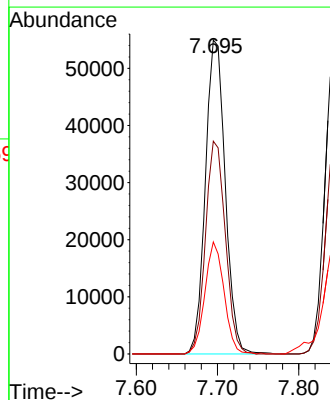
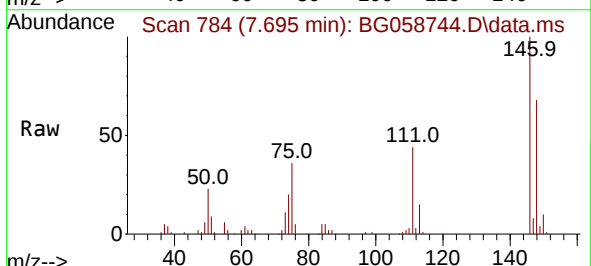
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#12
1,3-Dichlorobenzene
Concen: 44.302 ng
RT: 7.695 min Scan# 784
Delta R.T. -0.011 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Tgt Ion:146 Resp: 93308
Ion Ratio Lower Upper
146 100
148 67.8 54.7 82.1
75 35.7 25.8 38.8





#13

1,4-Dichlorobenzene

Concen: 44.992 ng

RT: 7.848 min Scan# 811

Delta R.T. -0.005 min

Lab File: BG058744.D

Acq: 16 Aug 2023 12:01

Instrument :

BNA_G

ClientSampleId :

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Tgt Ion:146	Resp:	95149
Ion Ratio	Lower	Upper
146	100	
148	67.7	52.8 79.2
111	39.1	31.7 47.5

Manual Integrations

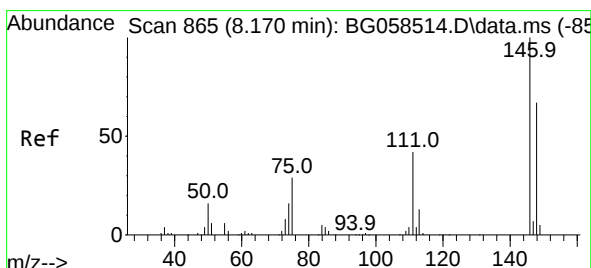
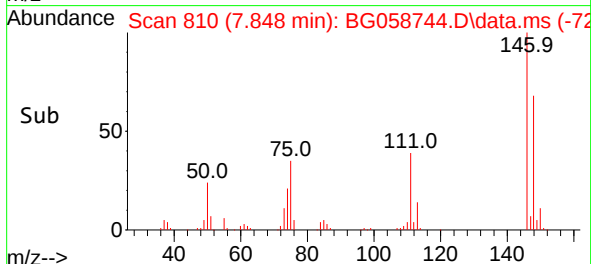
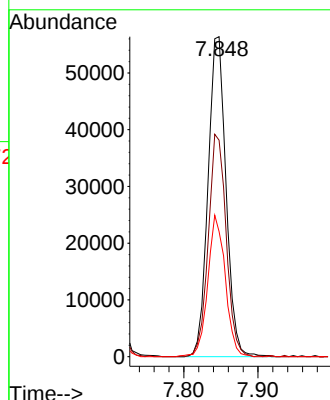
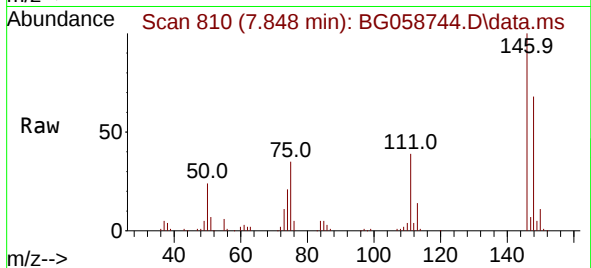
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#14

1,2-Dichlorobenzene

Concen: 46.039 ng

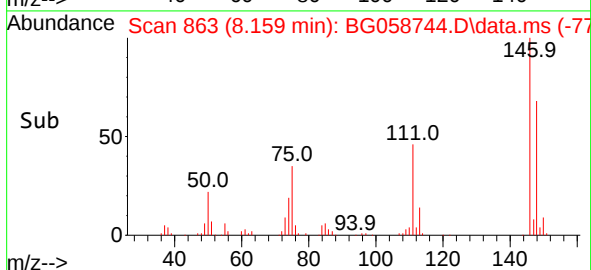
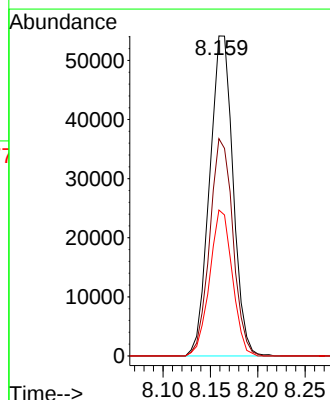
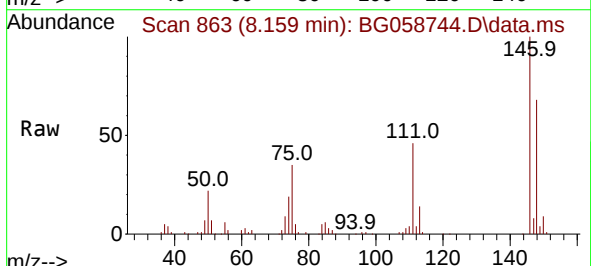
RT: 8.159 min Scan# 863

Delta R.T. -0.011 min

Lab File: BG058744.D

Acq: 16 Aug 2023 12:01

Tgt Ion:146	Resp:	93087
Ion Ratio	Lower	Upper
146	100	
148	67.9	53.4 80.2
111	45.6	34.2 51.2





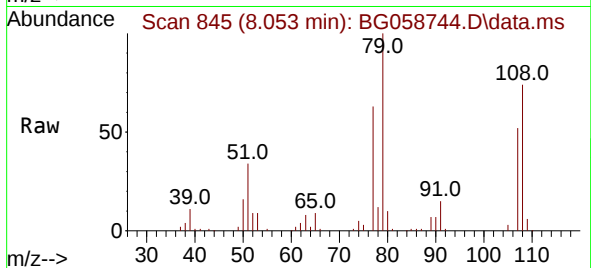
#15
Benzyl Alcohol
Concen: 53.995 ng
RT: 8.053 min Scan# 846
Delta R.T. -0.005 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Instrument :

BNA_G

ClientSampleId :

PB154463BS



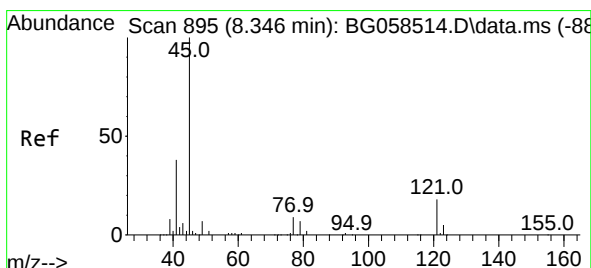
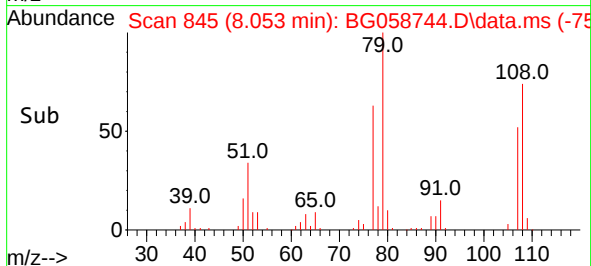
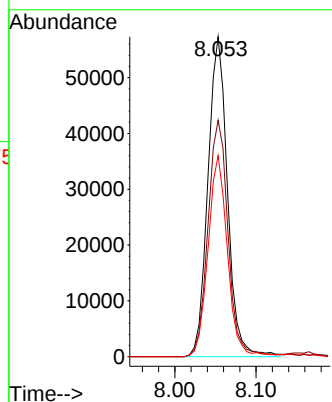
Tgt Ion: 79 Resp: 95795
Ion Ratio Lower Upper
79 100
108 73.9 63.8 95.6
77 62.8 49.8 74.6

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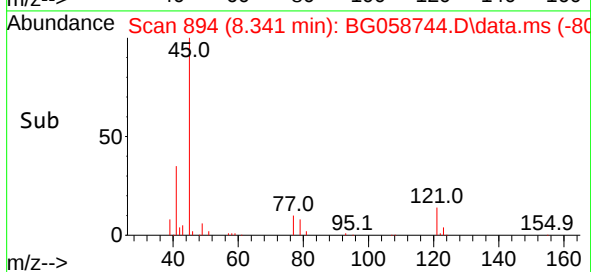
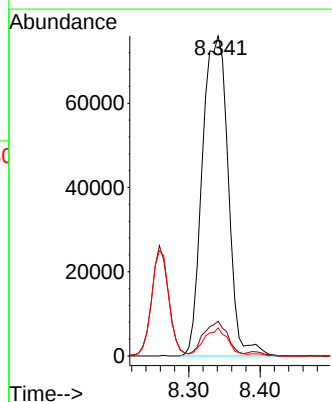
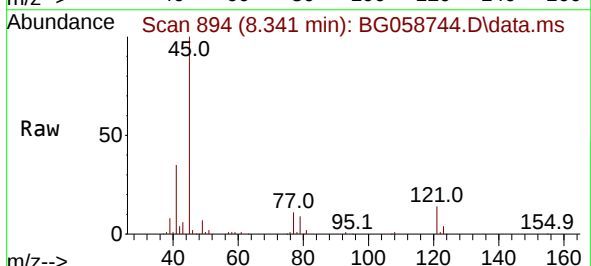
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 54.403 ng m
RT: 8.341 min Scan# 894
Delta R.T. -0.005 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Tgt Ion: 45 Resp: 190402
Ion Ratio Lower Upper
45 100
77 10.8 0.0 32.6
79 8.7 0.0 30.2





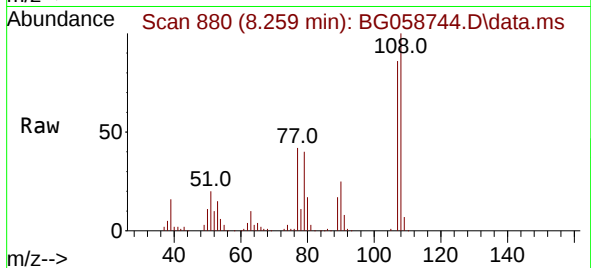
#17
2-Methylphenol
Concen: 45.253 ng
RT: 8.259 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Instrument :

BNA_G

ClientSampleId :

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Tgt Ion:107 Resp: 9042
Ion Ratio Lower Upper
107 100
108 116.6 89.1 133.7
77 49.4 36.2 54.4
79 47.0 36.1 54.1

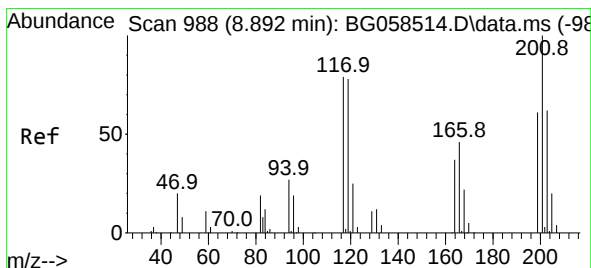
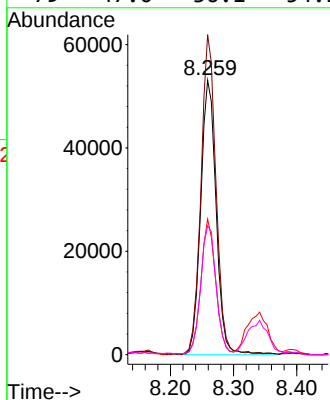
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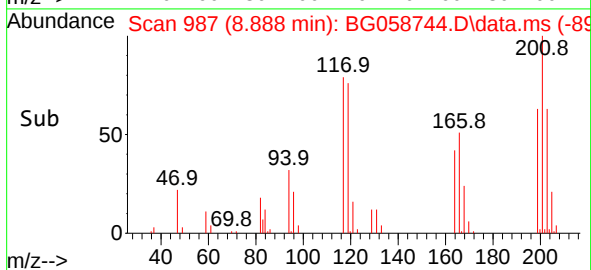
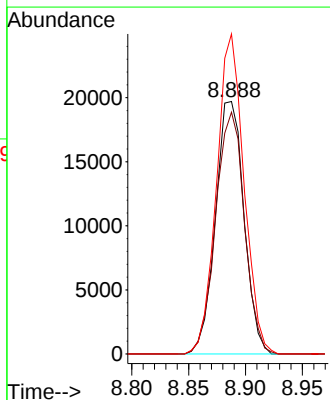
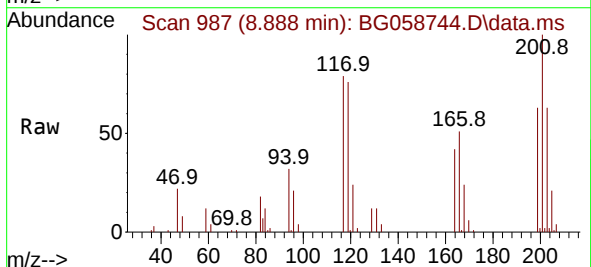
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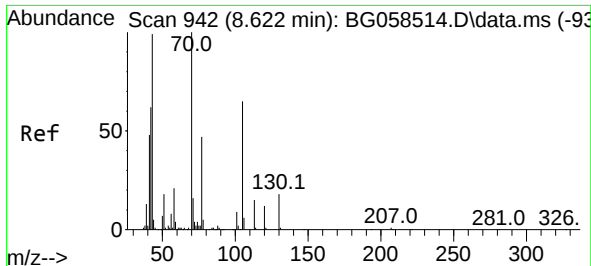
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#18
Hexachloroethane
Concen: 44.741 ng
RT: 8.888 min Scan# 987
Delta R.T. -0.005 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

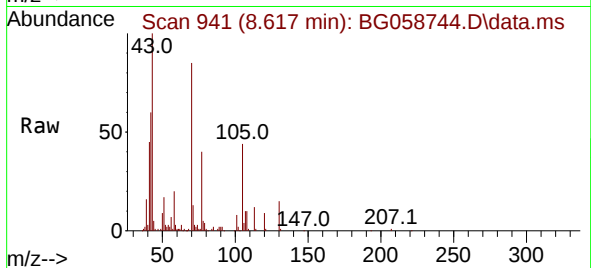
Tgt Ion:117 Resp: 34391
Ion Ratio Lower Upper
117 100
119 95.8 78.6 117.8
201 126.8 101.4 152.0





#19
n-Nitroso-di-n-propylamine
Concen: 43.115 ng
RT: 8.617 min Scan# 941
Delta R.T. -0.005 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Instrument :
BNA_G
ClientSampleId :
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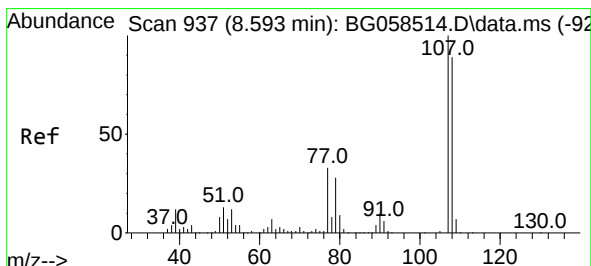
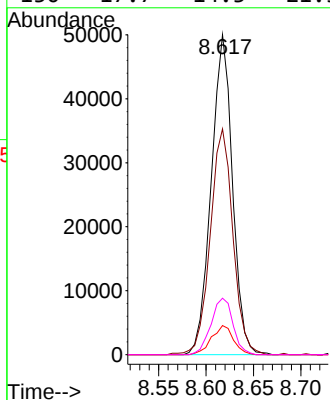
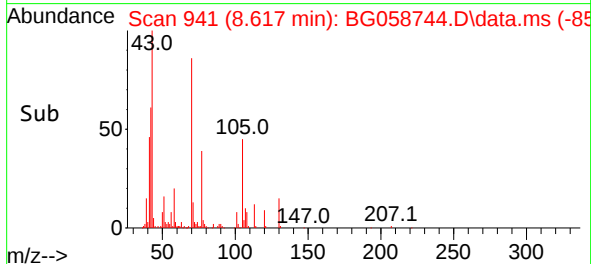
Tgt Ion: 70 Resp: 7791
Ion Ratio Lower Upper
70 100
42 70.6 49.7 74.5
101 9.1 7.0 10.4
130 17.7 14.3 21.5

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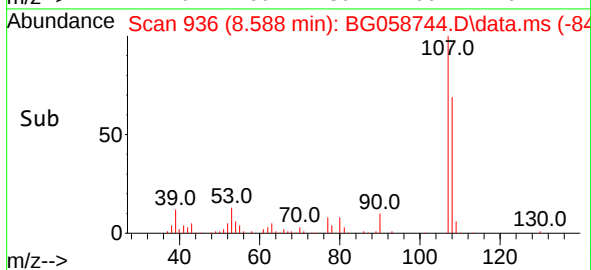
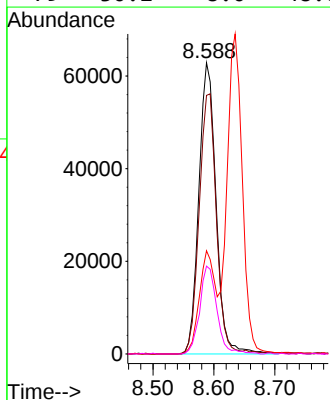
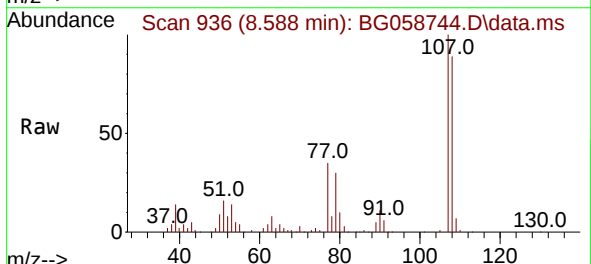
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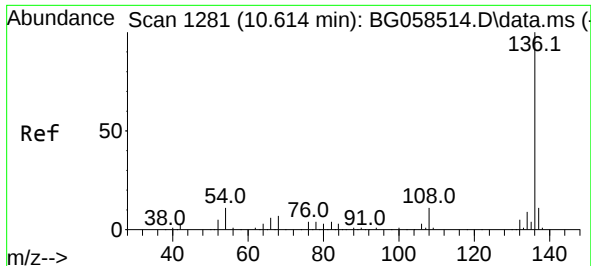
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#20
3+4-Methylphenols
Concen: 45.599 ng
RT: 8.588 min Scan# 936
Delta R.T. -0.005 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Tgt Ion:107 Resp: 123252
Ion Ratio Lower Upper
107 100
108 88.8 69.4 109.4
77 35.5 13.0 53.0
79 30.2 8.0 48.0





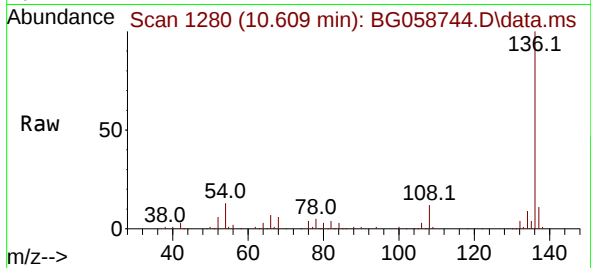
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.609 min Scan# 1280
Delta R.T. -0.005 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Instrument :

BNA_G

ClientSampleId :

PB154463BS



Tgt Ion:136 Resp: 134790
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 13.0 8.9 13.3
68 6.1 5.6 8.4

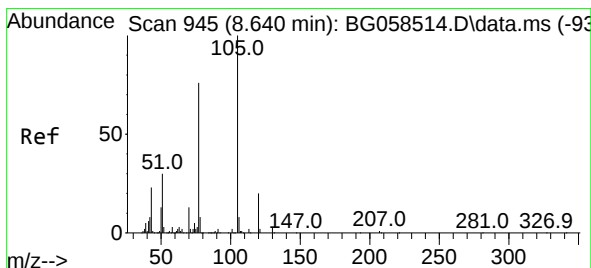
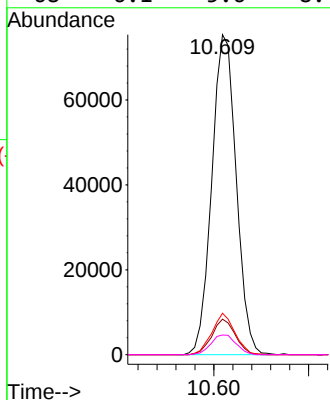
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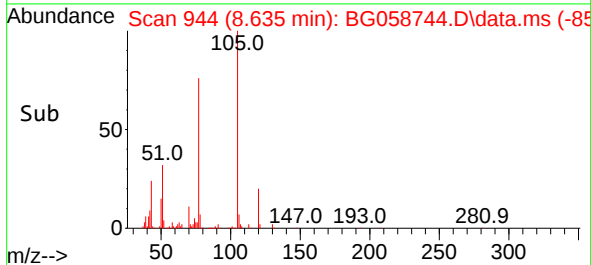
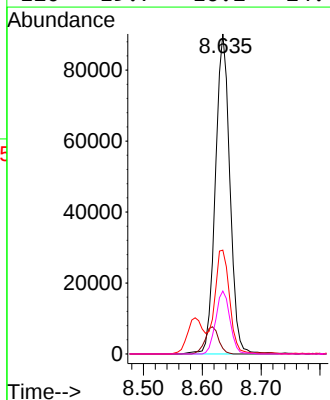
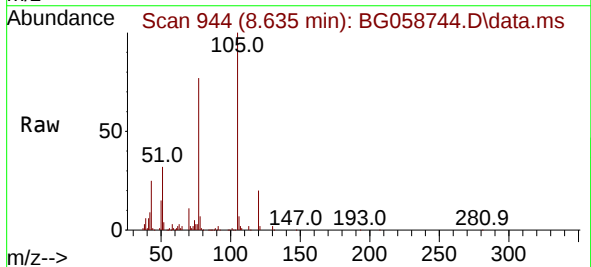
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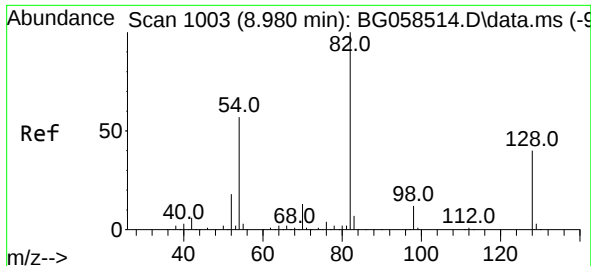
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#22
Acetophenone
Concen: 42.881 ng
RT: 8.635 min Scan# 944
Delta R.T. -0.005 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Tgt Ion:105 Resp: 154770
Ion Ratio Lower Upper
105 100
71 1.8 1.8 2.6
51 32.5 24.2 36.2
120 19.7 16.2 24.4





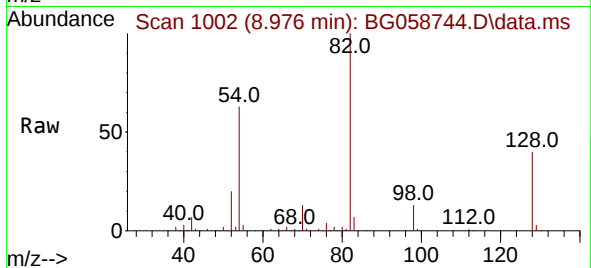
#23
Nitrobenzene-d5
Concen: 79.975 ng
RT: 8.976 min Scan# 1002
Delta R.T. -0.005 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Instrument :

BNA_G

ClientSampleId :

PB154463BS



Tgt Ion: 82 Resp: 219440
Ion Ratio Lower Upper
82 100
128 40.0 32.2 48.2
54 62.5 46.0 69.0

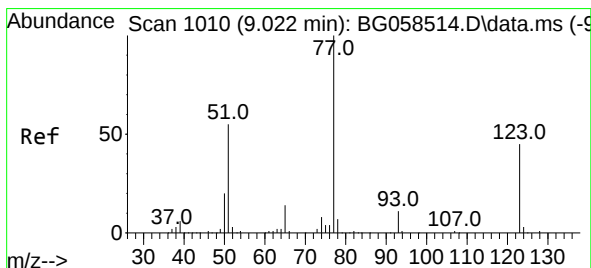
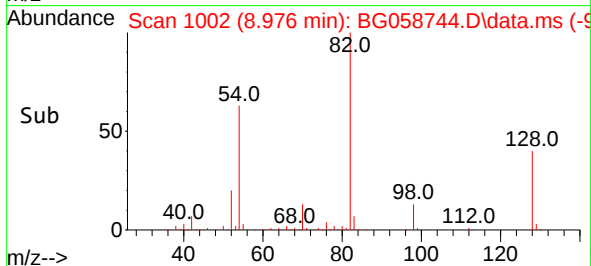
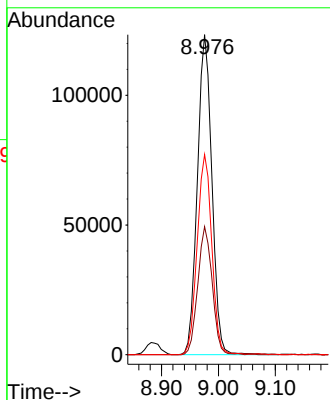
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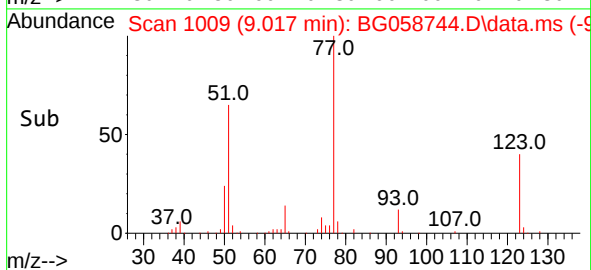
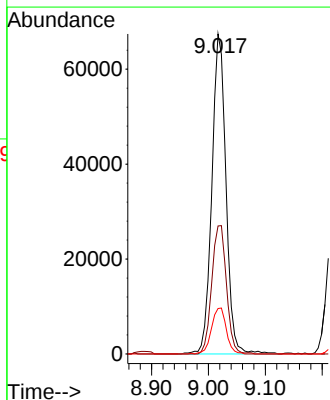
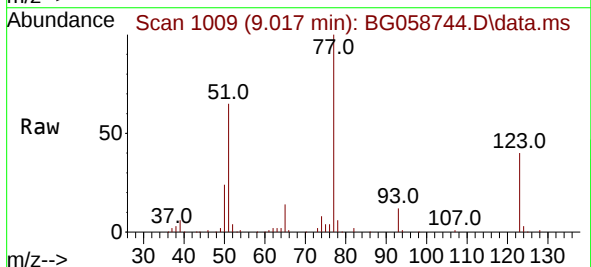
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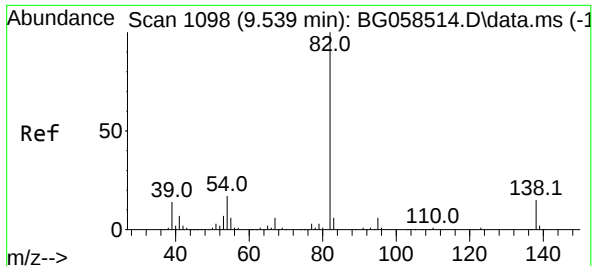
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#24
Nitrobenzene
Concen: 41.571 ng
RT: 9.017 min Scan# 1009
Delta R.T. -0.005 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Tgt Ion: 77 Resp: 115965
Ion Ratio Lower Upper
77 100
123 40.0 35.6 53.4
65 14.2 11.4 17.0





#25
Isophorone
Concen: 39.988 ng
RT: 9.534 min Scan# 1107
Delta R.T. -0.005 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Instrument :

BNA_G

ClientSampleId :

PB154463BS

Tgt Ion: 82 Resp: 226708
Ion Ratio Lower Upper
82 100
95 7.5 5.1 7.7
138 15.0 11.9 17.9

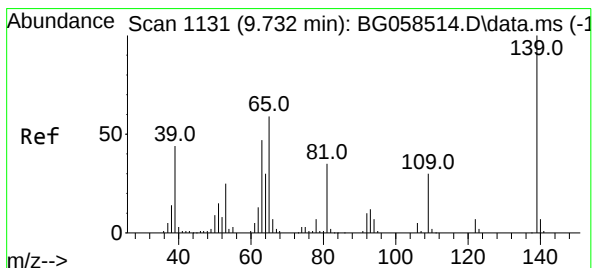
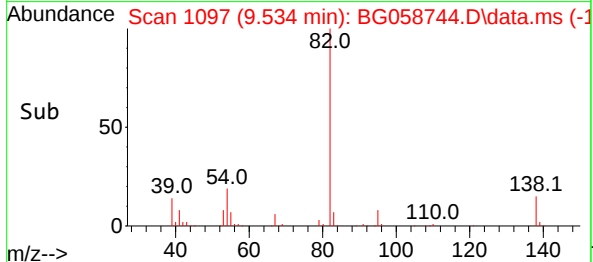
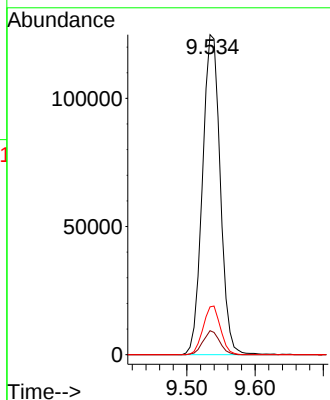
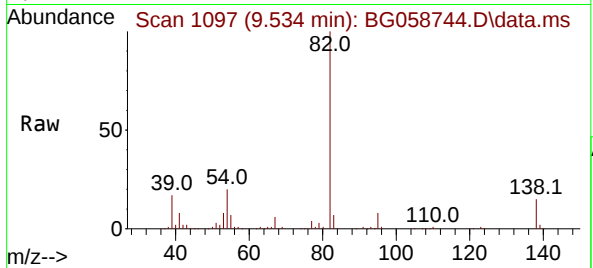
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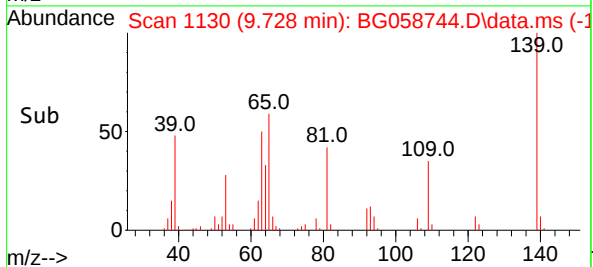
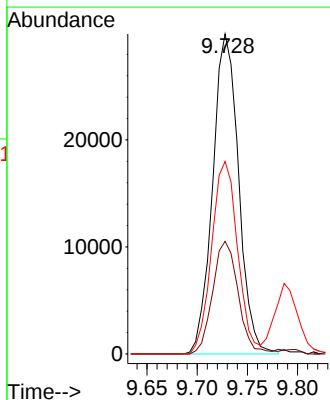
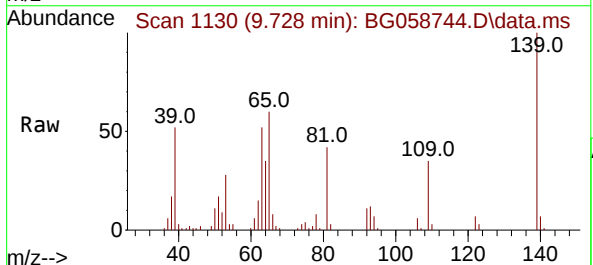
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ahmed

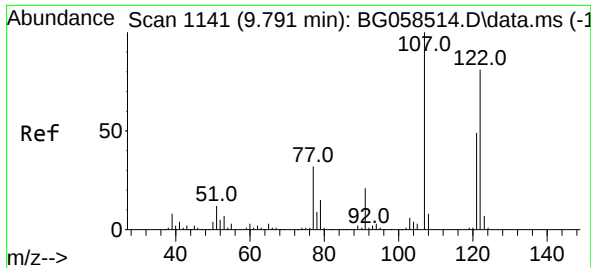
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#26
2-Nitrophenol
Concen: 44.243 ng
RT: 9.728 min Scan# 1130
Delta R.T. -0.005 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Tgt Ion:139 Resp: 53724
Ion Ratio Lower Upper
139 100
109 35.2 24.2 36.2
65 60.1 47.0 70.4





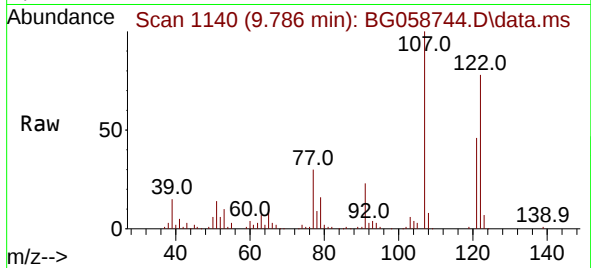
#27
2,4-Dimethylphenol
Concen: 44.669 ng
RT: 9.786 min Scan# 1141
Delta R.T. -0.005 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Instrument :

BNA_G

ClientSampleId :

PB154463BS



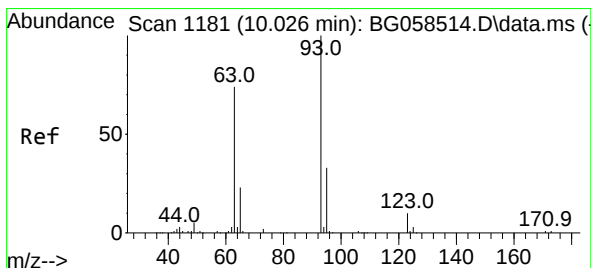
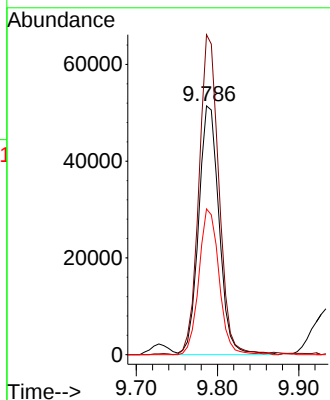
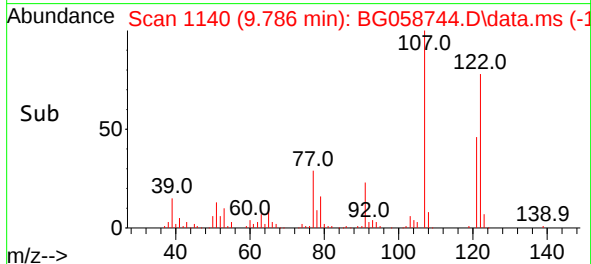
Tgt Ion:122 Resp: 89972
Ion Ratio Lower Upper
122 100
107 128.6 98.0 147.0
121 58.6 47.8 71.6

Manual Integrations
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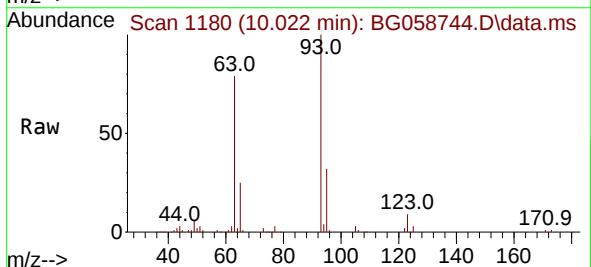
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

08/17/2023
Supervised By :mohammad
ahmed

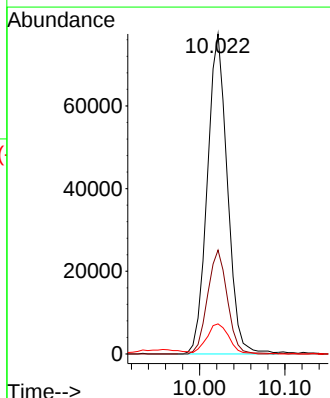
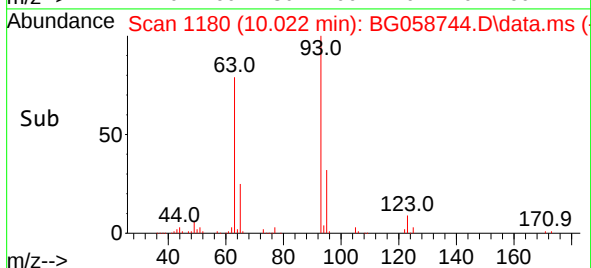
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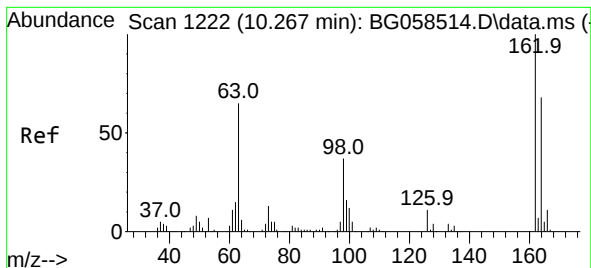


#28
bis(2-Chloroethoxy)methane
Concen: 41.033 ng
RT: 10.022 min Scan# 1180
Delta R.T. -0.005 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01



Tgt Ion: 93 Resp: 126602
Ion Ratio Lower Upper
93 100
95 32.5 26.0 39.0
123 9.4 7.8 11.8





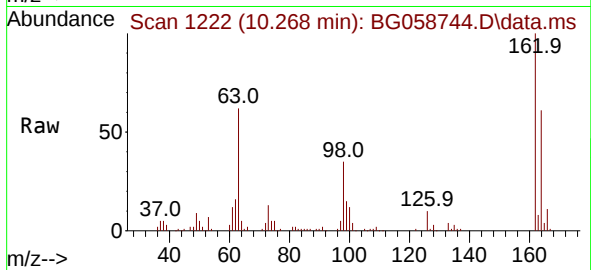
#29
2,4-Dichlorophenol
Concen: 47.219 ng
RT: 10.268 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Instrument :

BNA_G

ClientSampleId :

PB154463BS



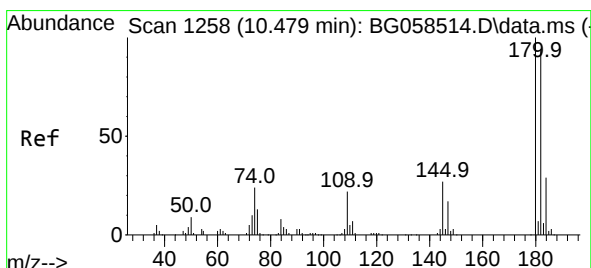
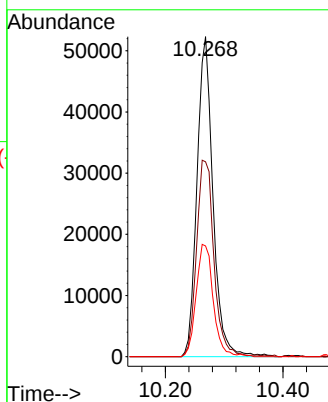
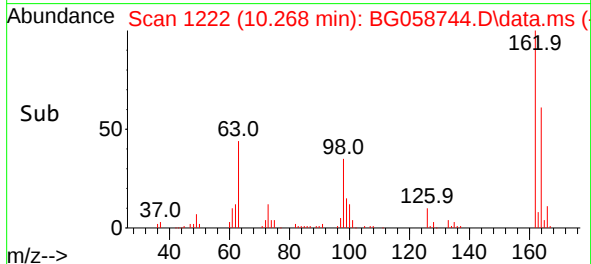
Tgt Ion:162 Resp: 98749
Ion Ratio Lower Upper
162 100
164 60.9 47.6 87.6
98 34.6 17.1 57.1

Manual Integrations
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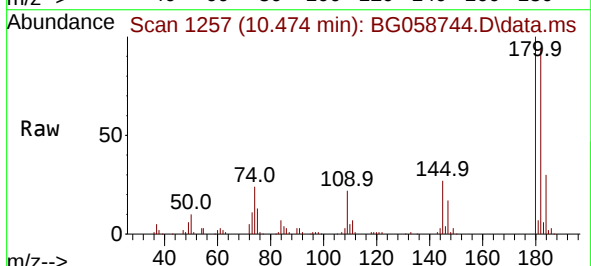
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

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Supervised By :mohammad
ahmed

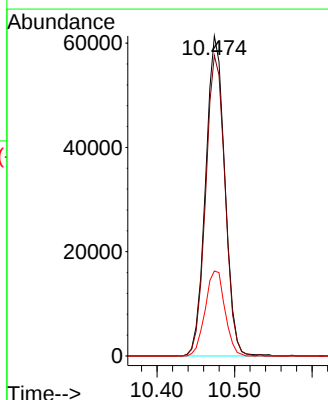
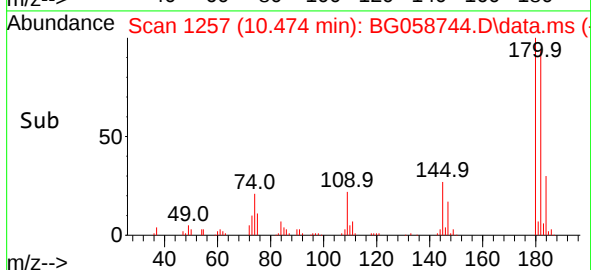
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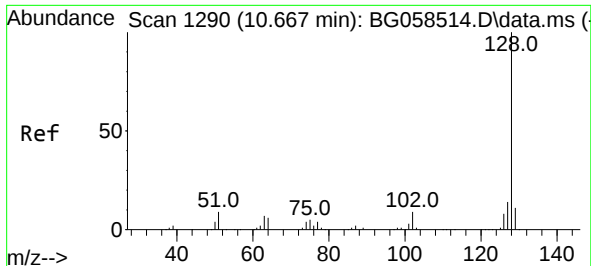


#30
1,2,4-Trichlorobenzene
Concen: 43.716 ng
RT: 10.474 min Scan# 1257
Delta R.T. -0.005 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01



Tgt Ion:180 Resp: 105434
Ion Ratio Lower Upper
180 100
182 93.9 75.0 112.4
145 26.6 21.9 32.9





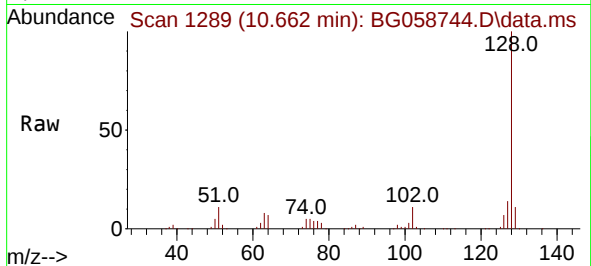
#31
Naphthalene
Concen: 40.945 ng
RT: 10.662 min Scan# 1170
Delta R.T. -0.005 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Instrument :

BNA_G

ClientSampleId :

PB154463BS



Tgt Ion:128 Resp: 290890
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 13.6 10.9 16.3

Manual Integrations

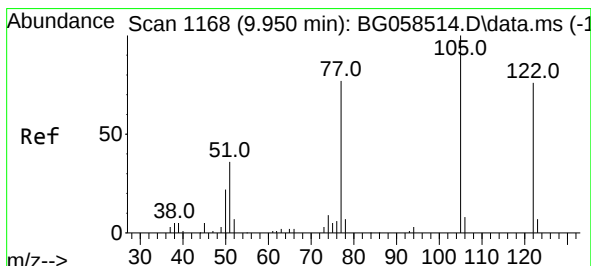
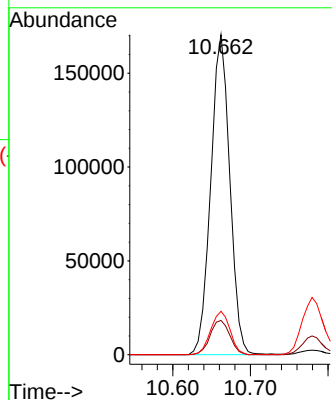
APPROVED

Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

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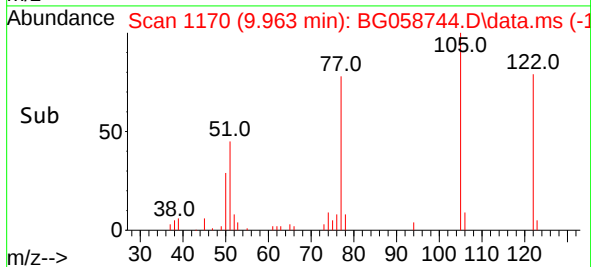
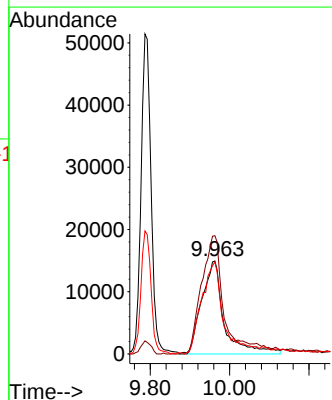
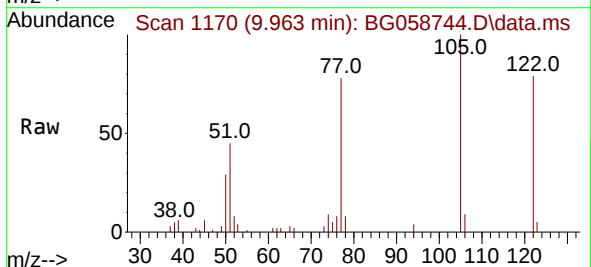
Supervised By :mohammad
ahmed

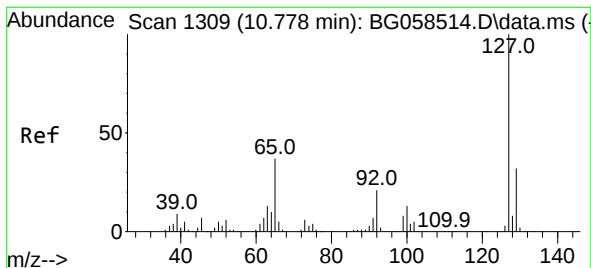
08/17/2023



#32
Benzoic acid
Concen: 39.204 ng
RT: 9.963 min Scan# 1170
Delta R.T. 0.013 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Tgt Ion:122 Resp: 58862
Ion Ratio Lower Upper
122 100
105 127.3 106.5 146.5
77 99.0 78.1 118.1





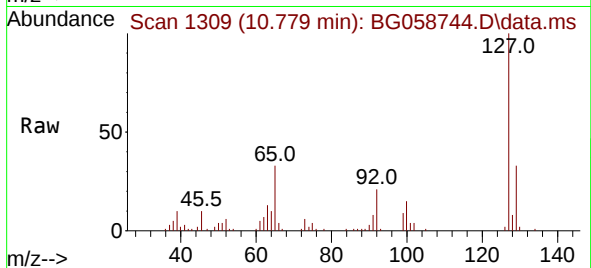
#33
4-Chloroaniline
Concen: 20.840 ng
RT: 10.779 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Instrument :

BNA_G

ClientSampleId :

PB154463BS



Tgt Ion:127 Resp: 62554
Ion Ratio Lower Upper
127 100
129 32.8 25.4 38.2
65 33.4 29.5 44.3
92 21.4 16.6 24.8

Manual Integrations

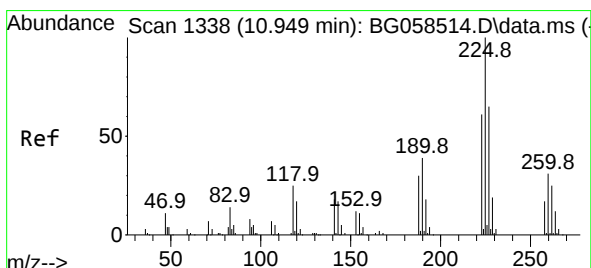
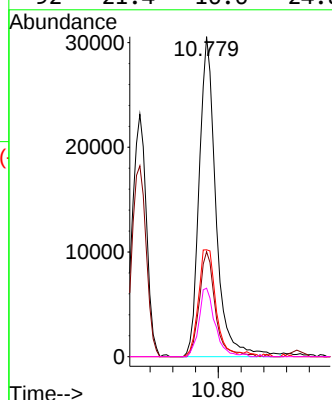
APPROVED

Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

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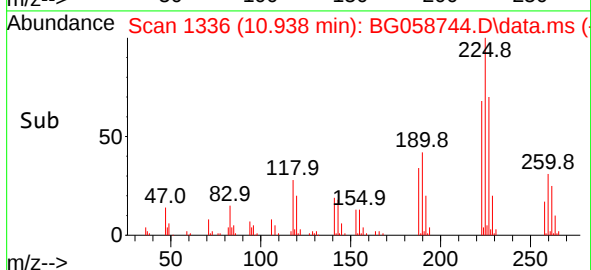
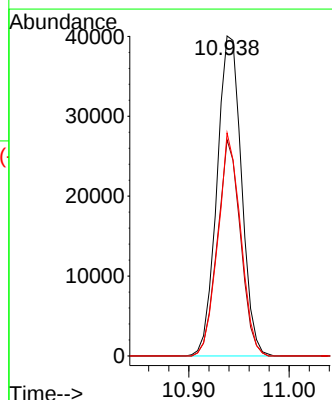
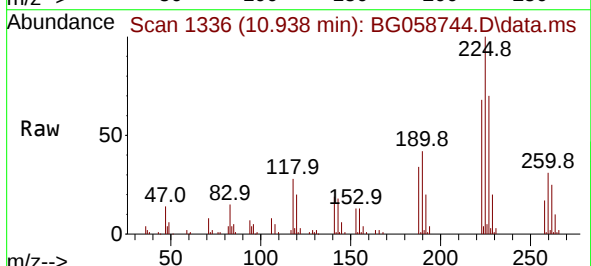
Supervised By :mohammad
ahmed

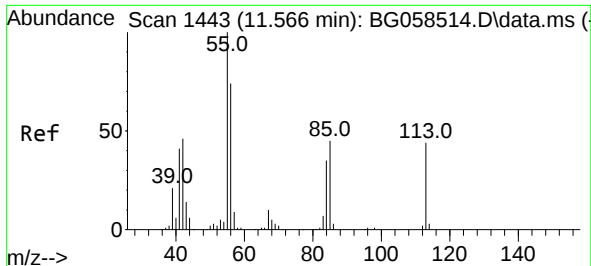
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#34
Hexachlorobutadiene
Concen: 43.679 ng
RT: 10.938 min Scan# 1336
Delta R.T. -0.011 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Tgt Ion:225 Resp: 67841
Ion Ratio Lower Upper
225 100
223 67.5 49.0 73.6
227 69.7 51.7 77.5





#35
Caprolactam
Concen: 45.166 ng m
RT: 11.555 min Scan# 1443
Delta R.T. -0.011 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Instrument :

BNA_G

ClientSampleId :

PB154463BS

Tgt Ion:113 Resp: 34880
Ion Ratio Lower Upper
113 100
55 266.9 208.0 248.0
56 194.5 148.6 188.6

Manual Integrations

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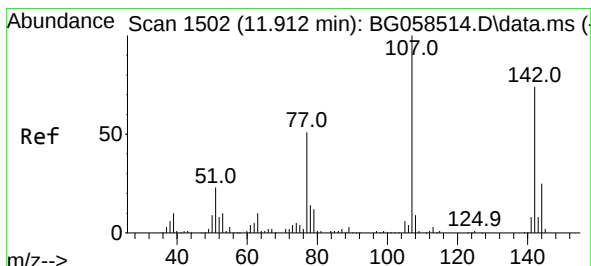
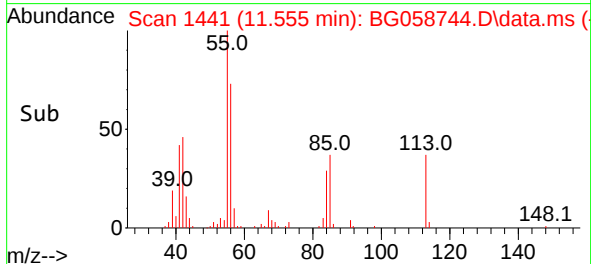
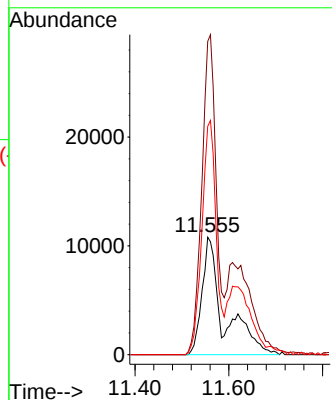
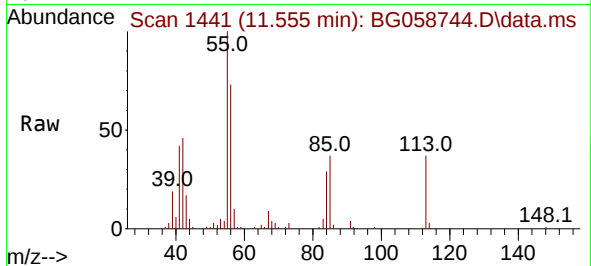
Reviewed By :Yogesh Patel 08/17/2023

Supervised By :mohammad ahmed 08/17/2023

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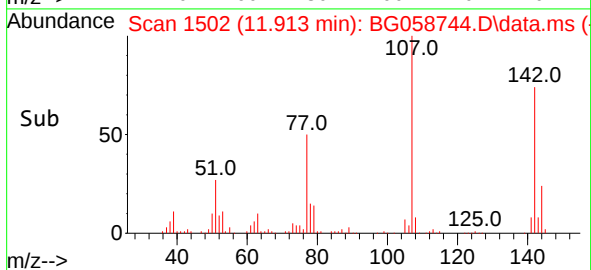
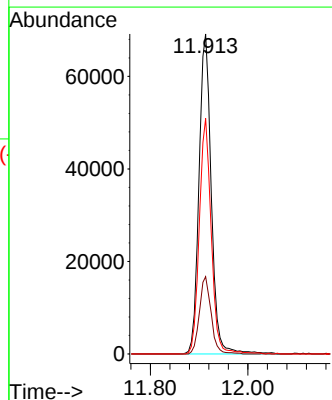
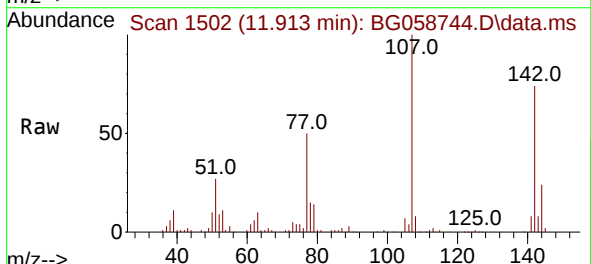
Supervised By :mohammad
ahmed

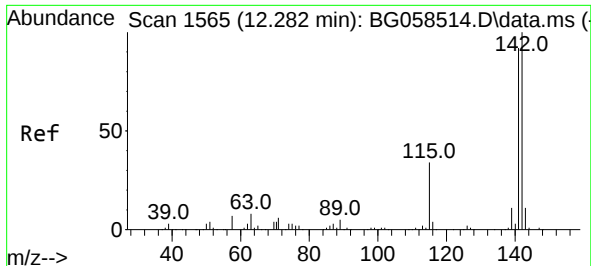
08/17/2023



#36
4-Chloro-3-methylphenol
Concen: 46.981 ng
RT: 11.913 min Scan# 1502
Delta R.T. 0.001 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Tgt Ion:107 Resp: 121540
Ion Ratio Lower Upper
107 100
144 24.1 19.6 29.4
142 73.6 59.3 88.9





#37
2-Methylnaphthalene
Concen: 40.177 ng
RT: 12.278 min Scan# 1564
Delta R.T. -0.005 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Instrument :

BNA_G

ClientSampleId :

PB154463BS

Tgt Ion:142 Resp: 20418
Ion Ratio Lower Upper
142 100
141 92.6 73.5 110.3
115 38.6 27.4 41.0

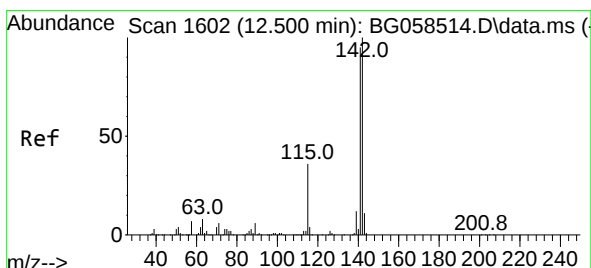
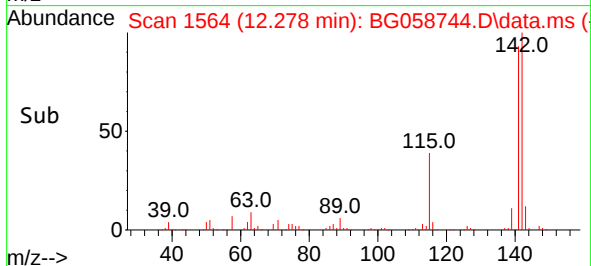
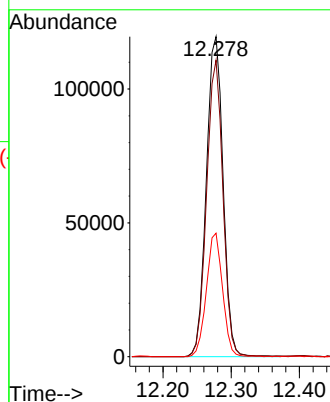
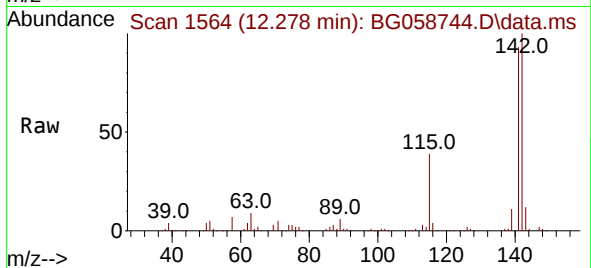
Manual Integrations
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Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

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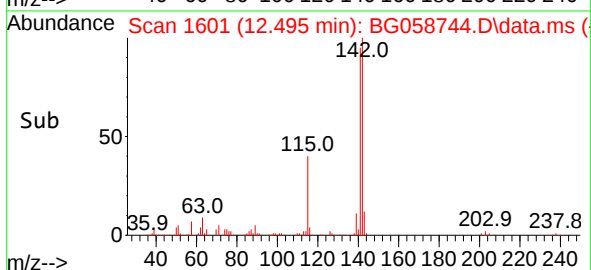
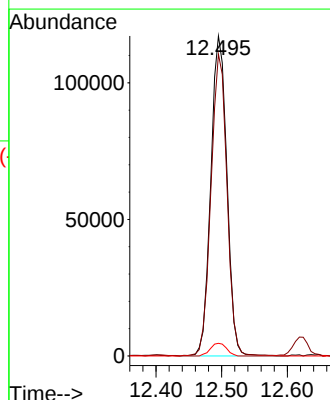
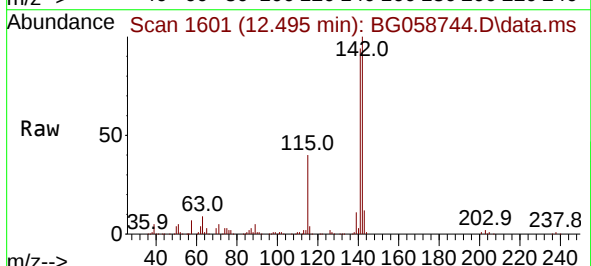
Supervised By :mohammad
ahmed

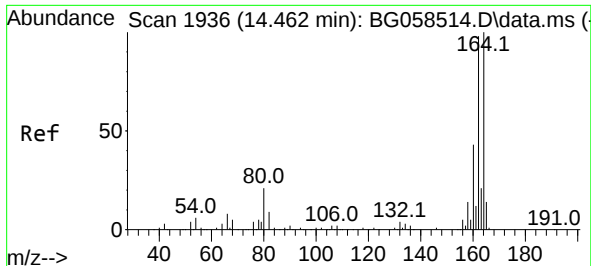
08/17/2023



#38
1-Methylnaphthalene
Concen: 41.260 ng
RT: 12.495 min Scan# 1601
Delta R.T. -0.005 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Tgt Ion:142 Resp: 199321
Ion Ratio Lower Upper
142 100
141 94.3 75.7 113.5
116 3.9 3.2 4.8





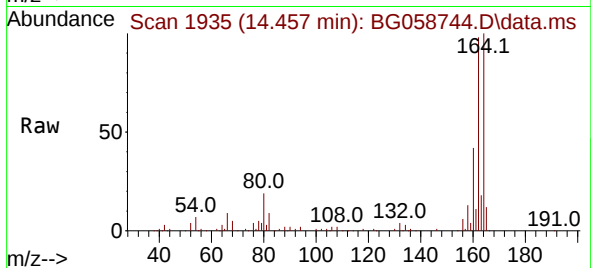
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1935
Delta R.T. -0.005 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Instrument :

BNA_G

ClientSampleId :

PB154463BS



Tgt Ion:164 Resp: 99315
Ion Ratio Lower Upper
164 100
162 98.1 78.3 117.5
160 42.1 34.1 51.1

Manual Integrations

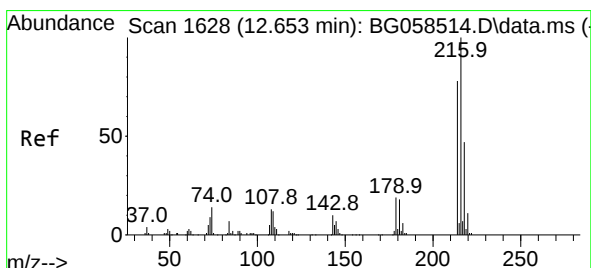
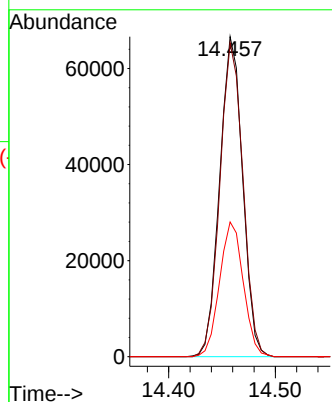
APPROVED

Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

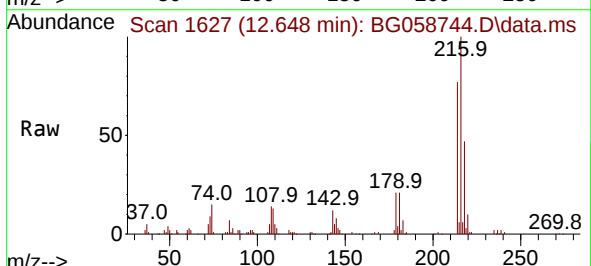
08/17/2023

Supervised By :mohammad
ahmed

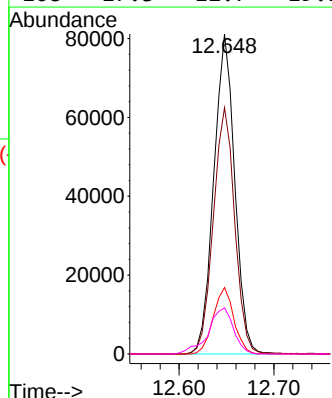
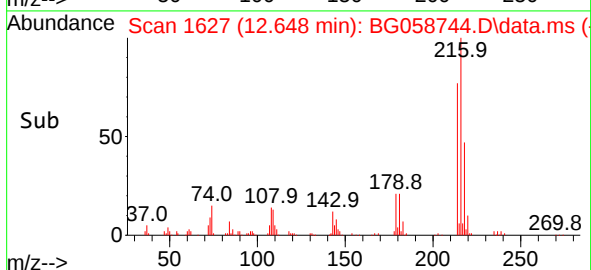
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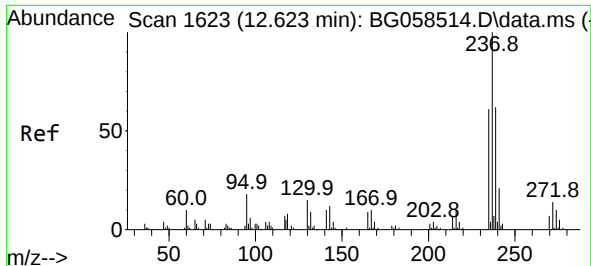


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.854 ng
RT: 12.648 min Scan# 1627
Delta R.T. -0.005 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01



Tgt Ion:216 Resp: 124567
Ion Ratio Lower Upper
216 100
214 78.5 63.1 94.7
179 20.4 15.6 23.4
108 17.3 12.7 19.1





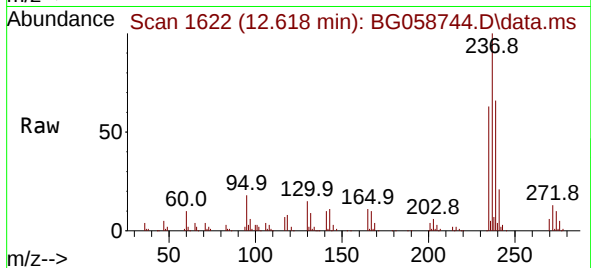
#41
Hexachlorocyclopentadiene
Concen: 75.607 ng
RT: 12.618 min Scan# 1622
Delta R.T. -0.005 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Instrument :

BNA_G

ClientSampleId :

PB154463BS



Tgt Ion:237 Resp: 106495
Ion Ratio Lower Upper
237 100
235 63.3 41.0 81.0
272 12.8 0.0 33.6

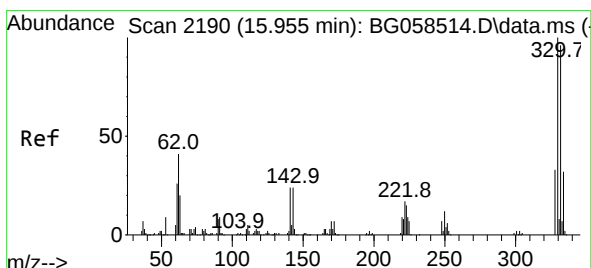
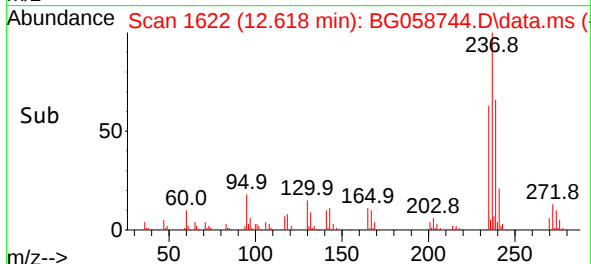
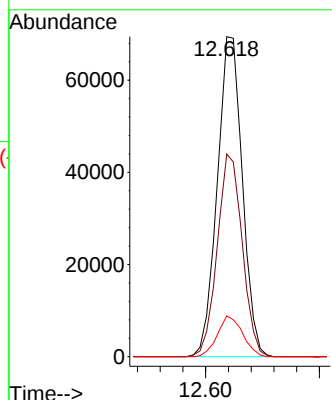
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

08/17/2023

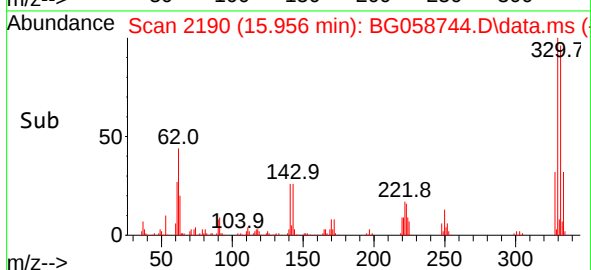
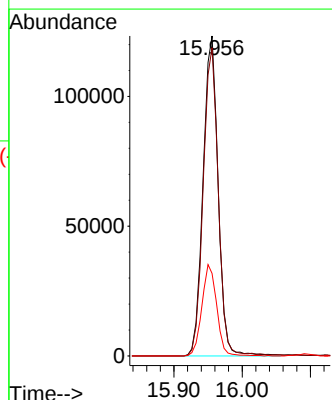
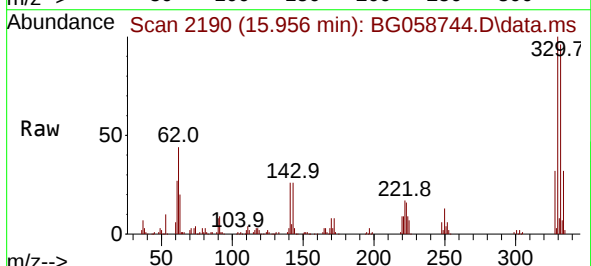
Supervised By :mohammad
ahmed

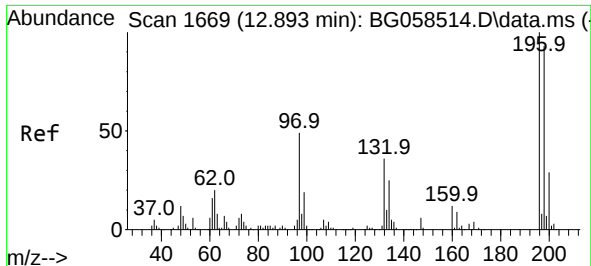
08/17/2023



#42
2,4,6-Tribromophenol
Concen: 116.335 ng
RT: 15.956 min Scan# 2190
Delta R.T. 0.001 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Tgt Ion:330 Resp: 189375
Ion Ratio Lower Upper
330 100
332 96.2 77.5 116.3
141 28.1 20.7 31.1





#43
2,4,6-Trichlorophenol
Concen: 42.251 ng
RT: 12.895 min Scan# 1669
Delta R.T. 0.001 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Instrument :

BNA_G

ClientSampleId :

PB154463BS

Tgt Ion:196 Resp: 88609
Ion Ratio Lower Upper
196 100
198 97.5 74.2 111.4
200 30.5 22.9 34.3

Manual Integrations

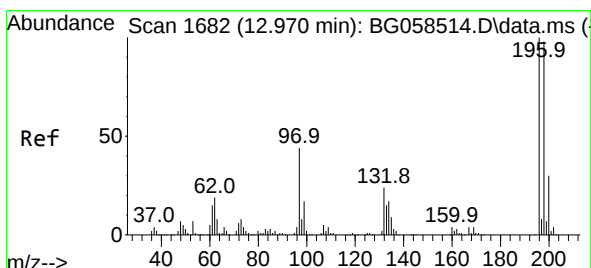
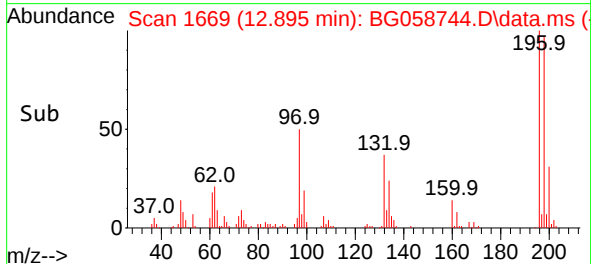
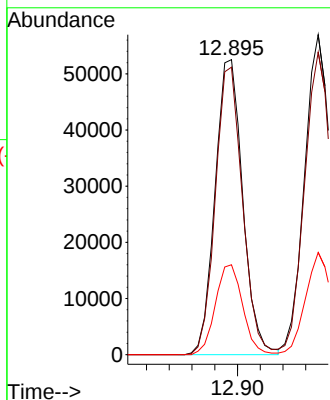
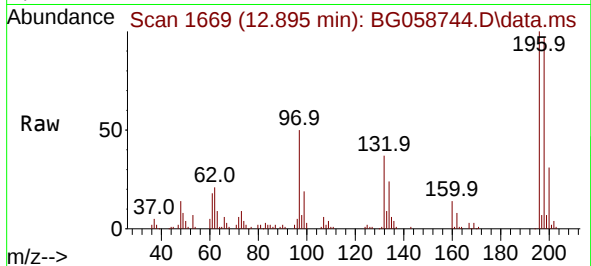
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Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

08/17/2023

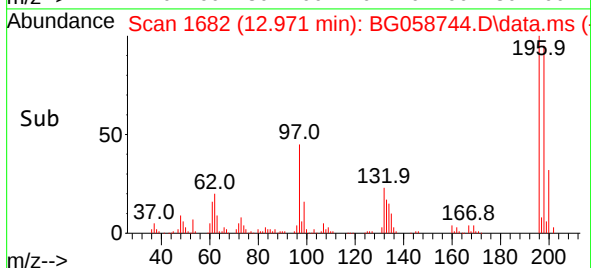
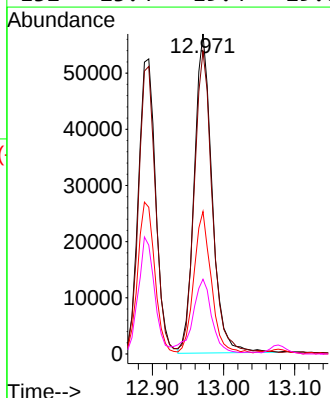
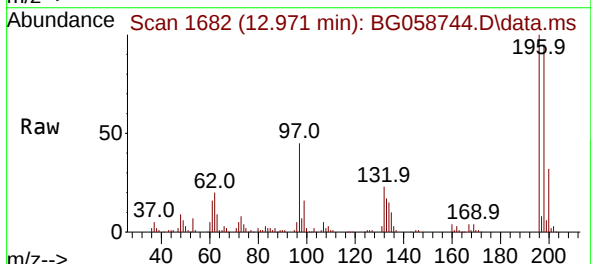
Supervised By :mohammad
ahmed

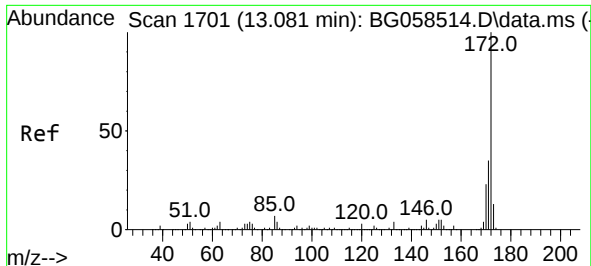
08/17/2023



#44
2,4,5-Trichlorophenol
Concen: 40.150 ng
RT: 12.971 min Scan# 1682
Delta R.T. 0.001 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Tgt Ion:196 Resp: 99178
Ion Ratio Lower Upper
196 100
198 94.6 78.3 117.5
97 44.5 35.2 52.8
132 23.4 19.4 29.0





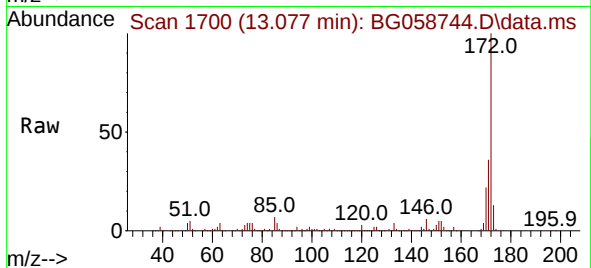
#45
2-Fluorobiphenyl
Concen: 77.704 ng
RT: 13.077 min Scan# 1700
Delta R.T. -0.005 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Instrument :

BNA_G

ClientSampleId :

PB154463BS



Tgt Ion:172 Resp: 514959
Ion Ratio Lower Upper
172 100
171 35.6 28.0 42.0
170 22.1 18.4 27.6

Manual Integrations

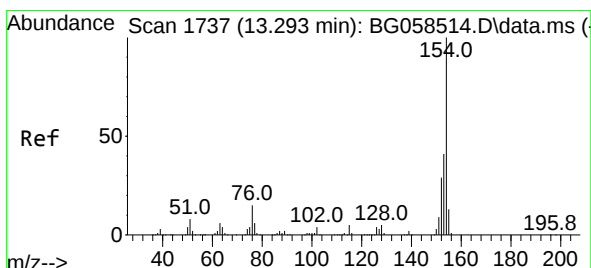
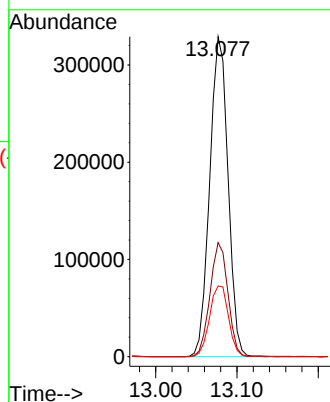
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Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

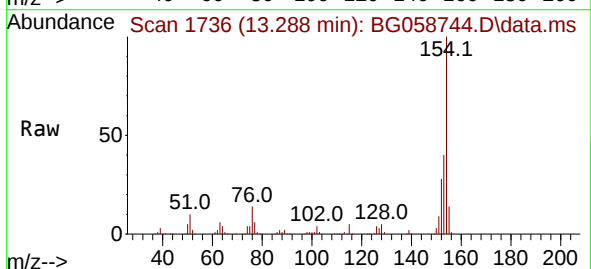
08/17/2023

Supervised By :mohammad
ahmed

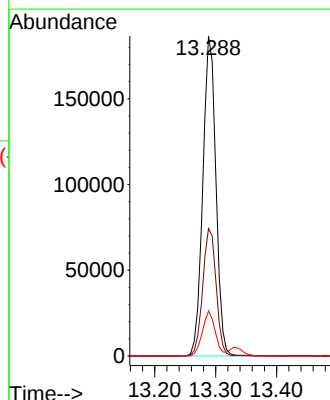
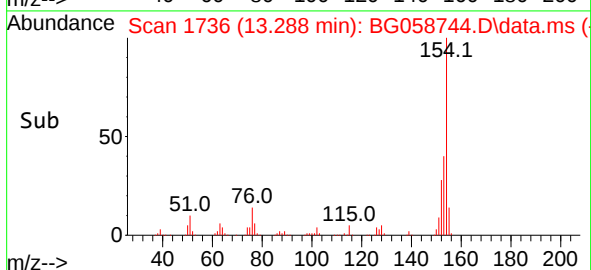
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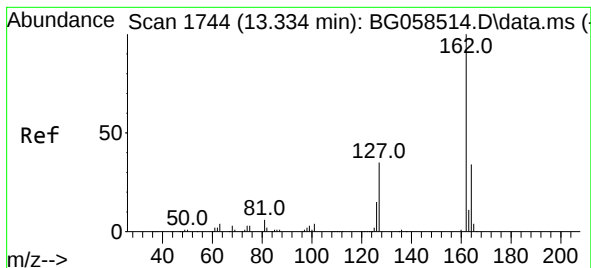


#46
1,1'-Biphenyl
Concen: 40.865 ng
RT: 13.288 min Scan# 1736
Delta R.T. -0.005 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01



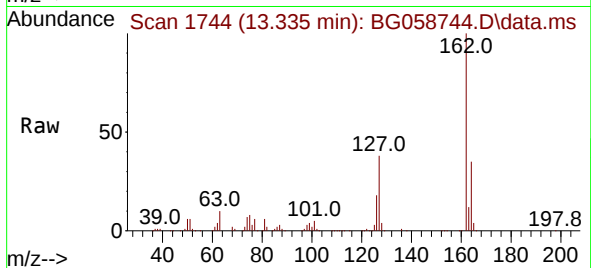
Tgt Ion:154 Resp: 278717
Ion Ratio Lower Upper
154 100
153 39.8 21.2 61.2
76 14.0 0.0 34.7





#47
2-Chloronaphthalene
Concen: 42.476 ng
RT: 13.335 min Scan# 1744
Delta R.T. 0.001 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Instrument :
BNA_G
ClientSampleId :
PB154463BS



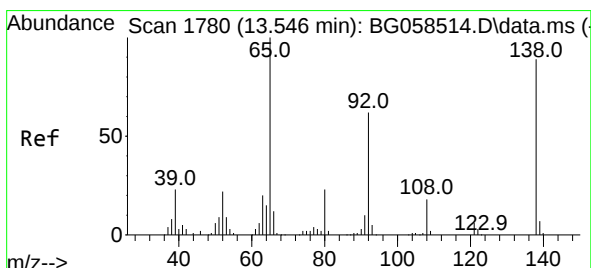
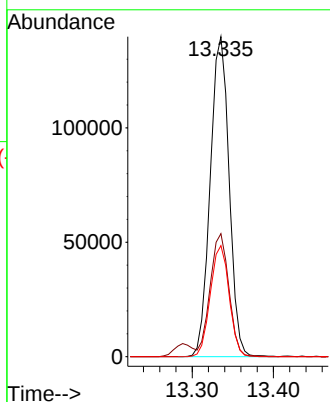
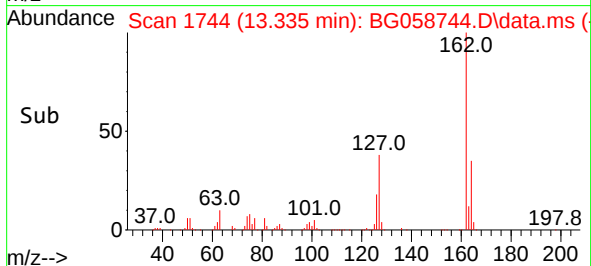
Tgt Ion:162 Resp: 225884
Ion Ratio Lower Upper
162 100
127 38.4 30.9 46.3
164 34.7 27.2 40.8

Manual Integrations
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Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

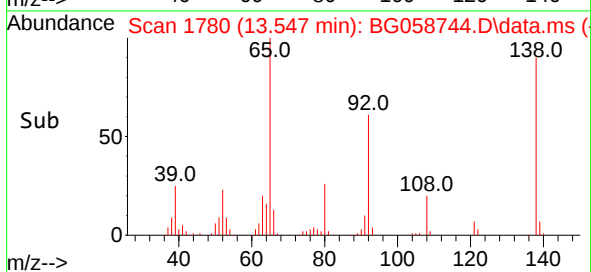
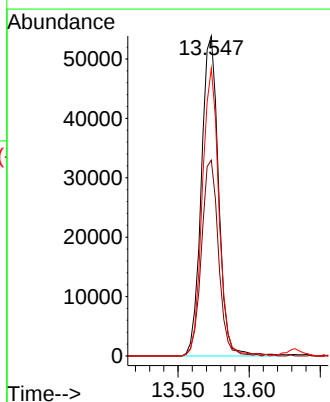
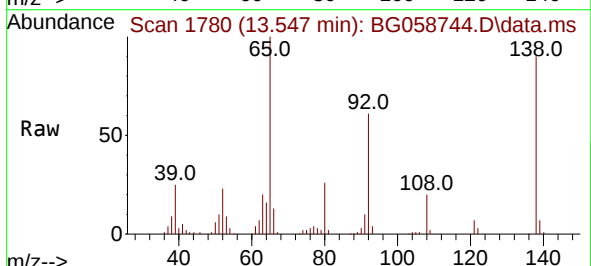
08/17/2023
Supervised By :mohammad
ahmed

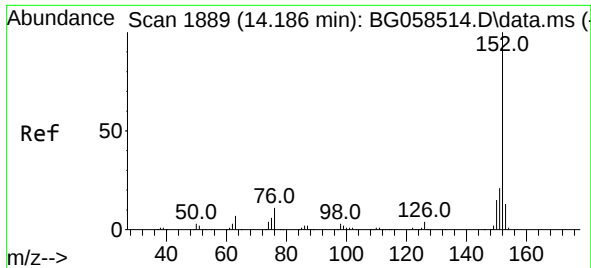
08/17/2023



#48
2-Nitroaniline
Concen: 44.790 ng
RT: 13.547 min Scan# 1780
Delta R.T. 0.001 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Tgt Ion: 65 Resp: 90915
Ion Ratio Lower Upper
65 100
92 61.2 49.2 73.8
138 89.8 71.5 107.3





#49
Acenaphthylene
Concen: 42.244 ng
RT: 14.181 min Scan# 1888
Delta R.T. -0.005 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Instrument :

BNA_G

ClientSampleId :

PB154463BS

Tgt Ion:152 Resp: 376119
Ion Ratio Lower Upper
152 100
151 20.1 16.5 24.7
153 13.2 10.7 16.1

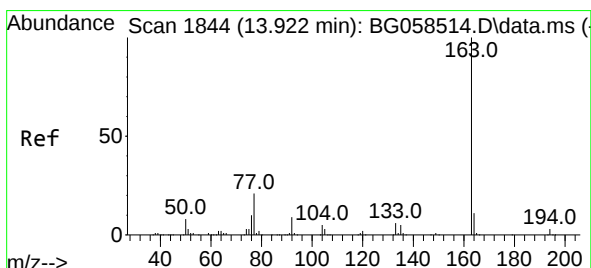
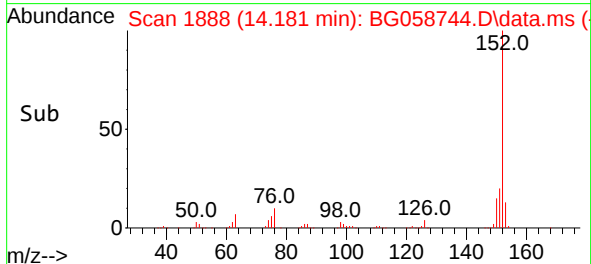
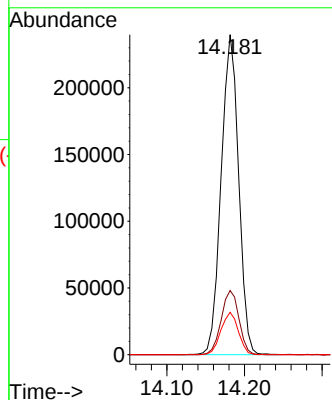
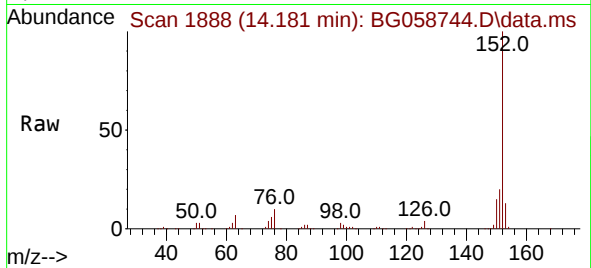
Manual Integrations
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Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

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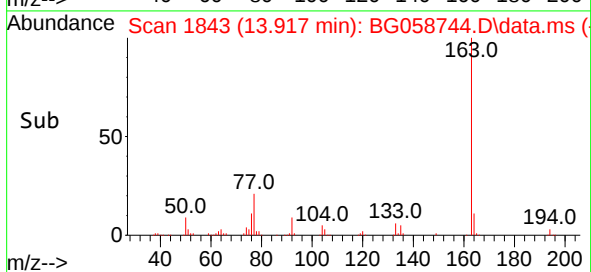
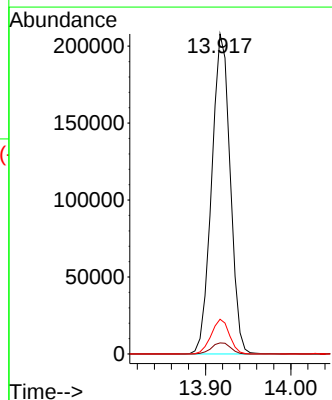
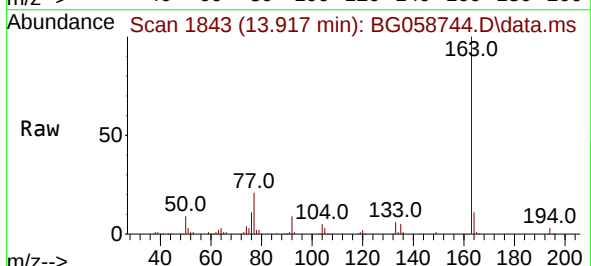
Supervised By :mohammad
ahmed

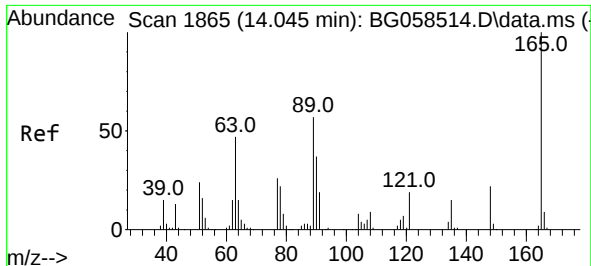
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#50
Dimethylphthalate
Concen: 42.174 ng
RT: 13.917 min Scan# 1843
Delta R.T. -0.005 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Tgt Ion:163 Resp: 314568
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.8 8.6 12.8





#51
2,6-Dinitrotoluene
Concen: 43.873 ng
RT: 14.040 min Scan# 1865
Delta R.T. -0.005 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Instrument :

BNA_G

ClientSampleId :

PB154463BS

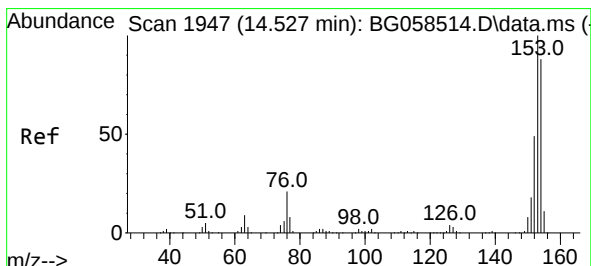
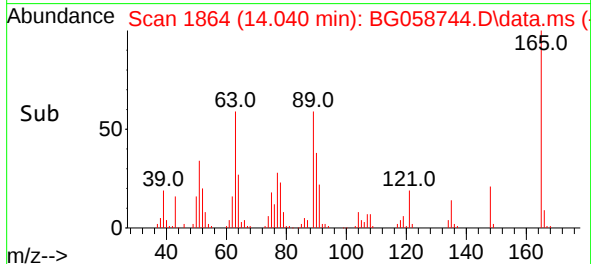
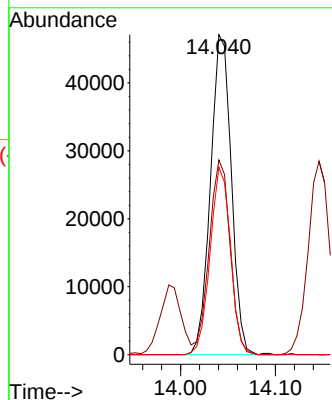
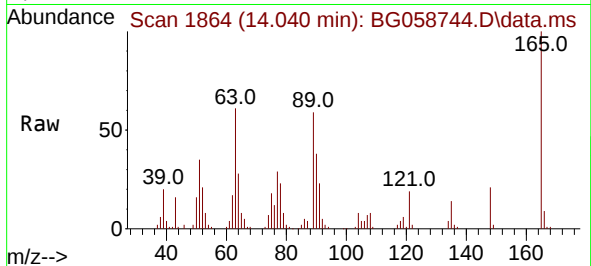
Tgt Ion:165 Resp: 71800
Ion Ratio Lower Upper
165 100
63 60.9 46.4 69.6
89 58.6 45.3 67.9

Manual Integrations
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Supervised By :mohammad ahmed 08/17/2023

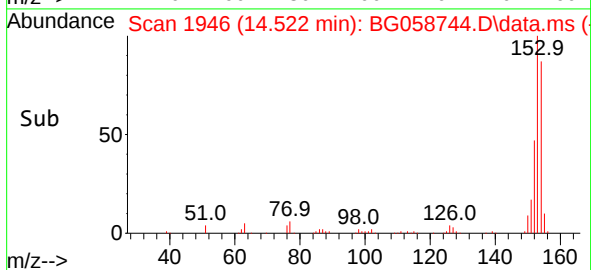
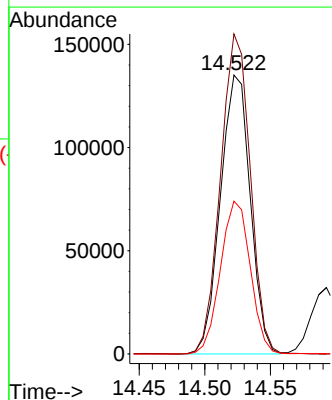
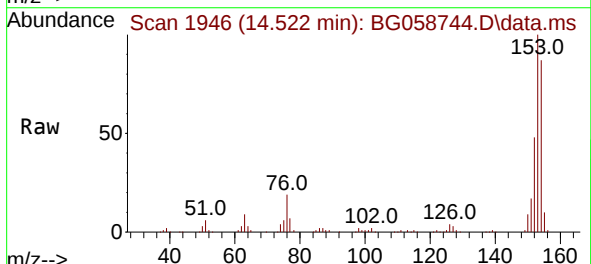
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Supervised By :mohammad
ahmed

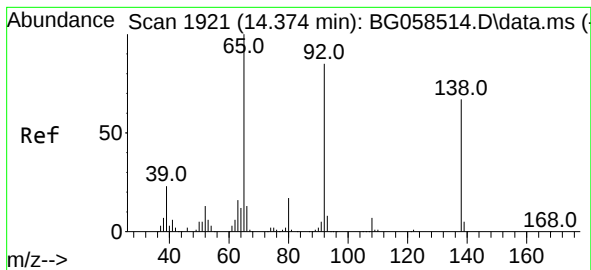
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#52
Acenaphthene
Concen: 41.548 ng
RT: 14.522 min Scan# 1946
Delta R.T. -0.005 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Tgt Ion:154 Resp: 213750
Ion Ratio Lower Upper
154 100
153 114.7 91.1 136.7
152 54.8 44.6 66.8





#53
3-Nitroaniline
Concen: 25.944 ng
RT: 14.375 min Scan# 1921
Delta R.T. 0.001 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Instrument :

BNA_G

ClientSampleId :

PB154463BS

Tgt Ion:138 Resp: 4248
Ion Ratio Lower Upper
138 100
108 12.3 8.3 12.5
92 123.9 101.1 151.7

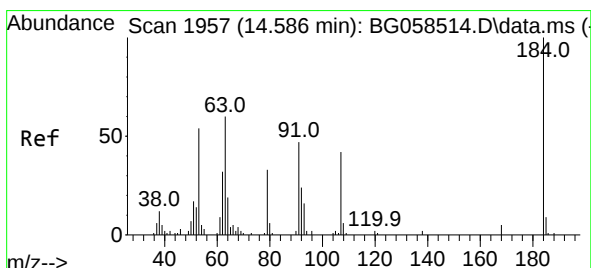
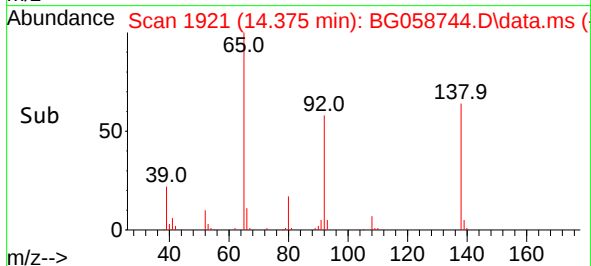
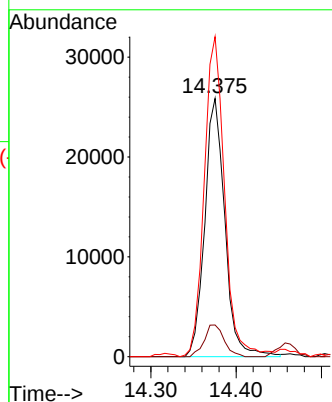
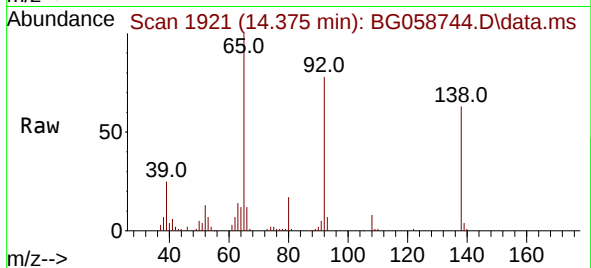
Manual Integrations
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Supervised By :mohammad ahmed 08/17/2023

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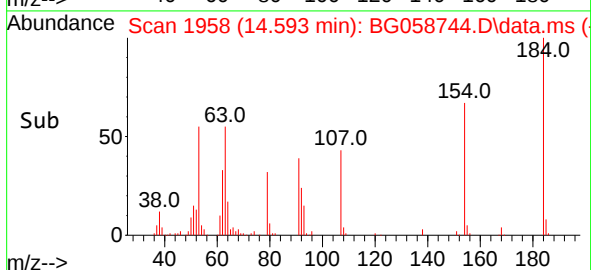
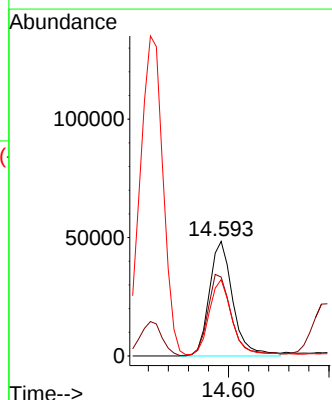
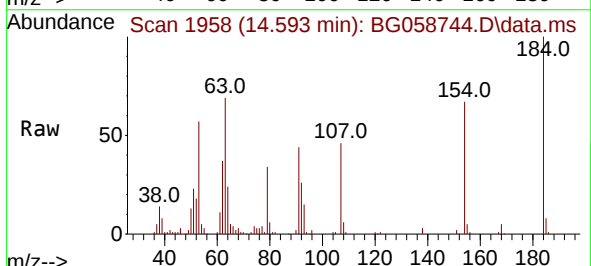
Supervised By :mohammad
ahmed

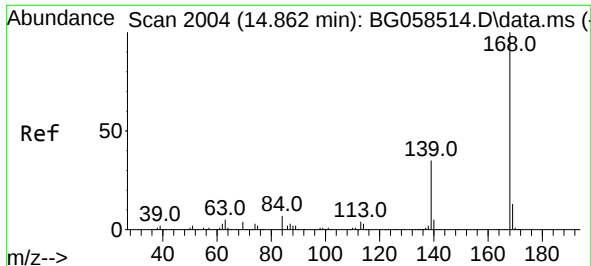
08/17/2023



#54
2,4-Dinitrophenol
Concen: 84.836 ng
RT: 14.593 min Scan# 1958
Delta R.T. 0.007 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Tgt Ion:184 Resp: 78729
Ion Ratio Lower Upper
184 100
63 68.9 56.7 85.1
154 66.6 46.1 69.1





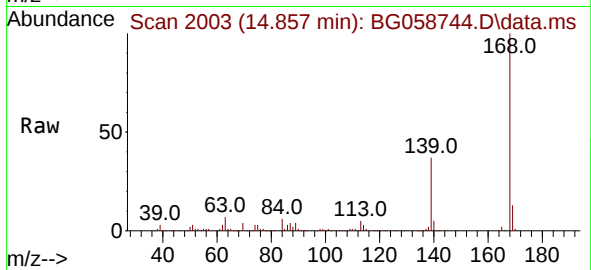
#55
Dibenzenofuran
Concen: 41.646 ng
RT: 14.857 min Scan# 2004
Delta R.T. -0.005 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Instrument :

BNA_G

ClientSampleId :

PB154463BS



Tgt Ion:168 Resp: 36815
Ion Ratio Lower Upper
168 100
139 36.6 27.8 41.8
169 13.4 10.6 16.0

Manual Integrations

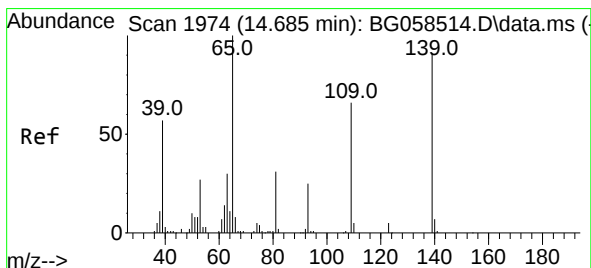
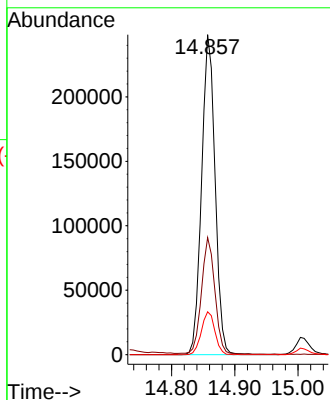
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Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

08/17/2023

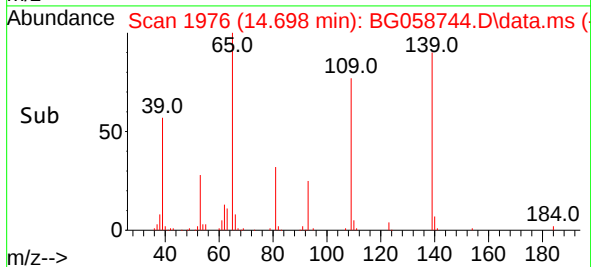
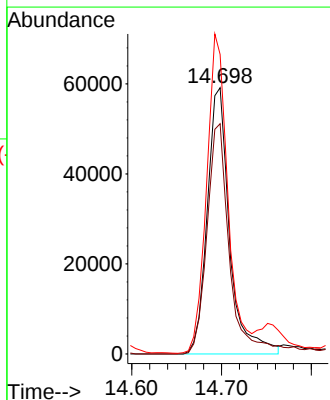
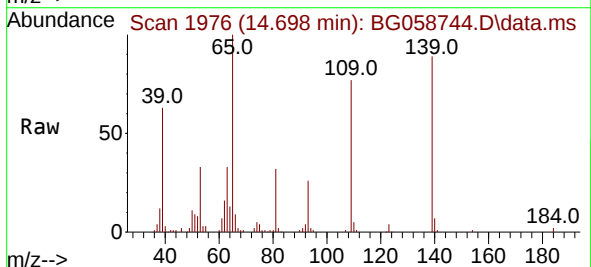
Supervised By :mohammad
ahmed

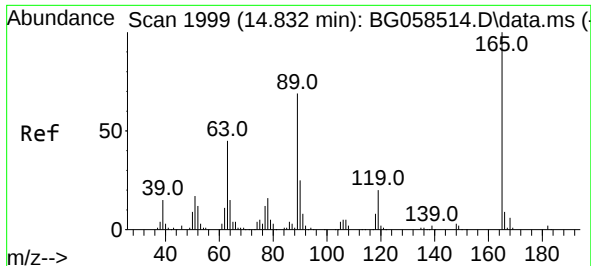
08/17/2023



#56
4-Nitrophenol
Concen: 84.283 ng
RT: 14.698 min Scan# 1976
Delta R.T. 0.013 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Tgt Ion:139 Resp: 102487
Ion Ratio Lower Upper
139 100
109 86.5 52.5 92.5
65 112.5 90.5 130.5





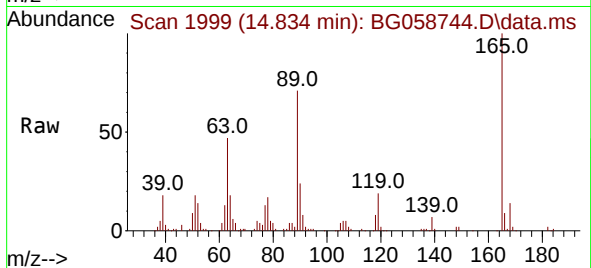
#57
2,4-Dinitrotoluene
Concen: 44.885 ng
RT: 14.834 min Scan# 1999
Delta R.T. 0.002 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Instrument :

BNA_G

ClientSampleId :

PB154463BS



Tgt Ion:165 Resp: 101840
Ion Ratio Lower Upper
165 100
63 47.5 36.6 54.8
89 71.4 55.4 83.0
182 2.2 1.8 2.6

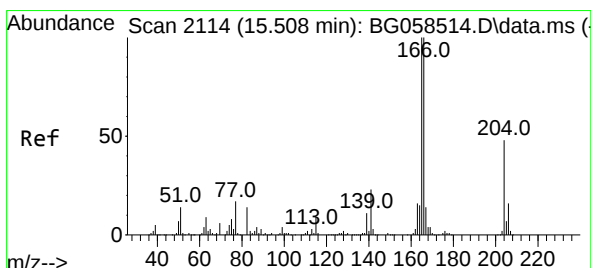
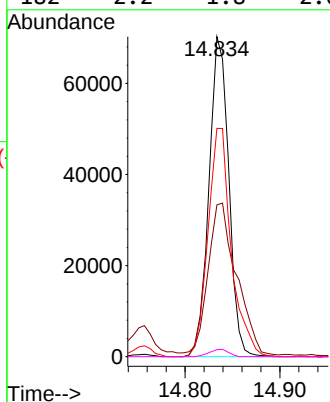
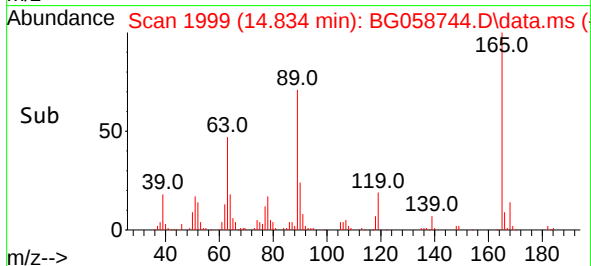
Manual Integrations
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Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

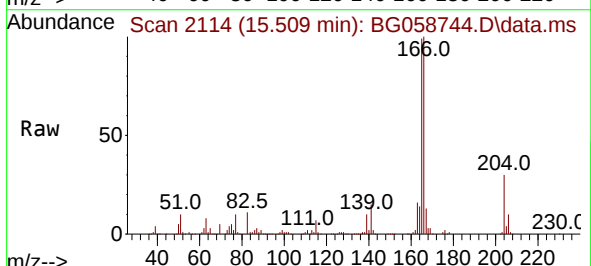
08/17/2023

Supervised By :mohammad
ahmed

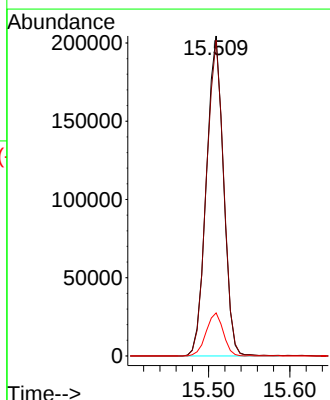
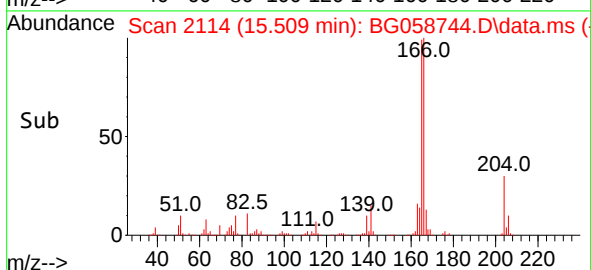
08/17/2023

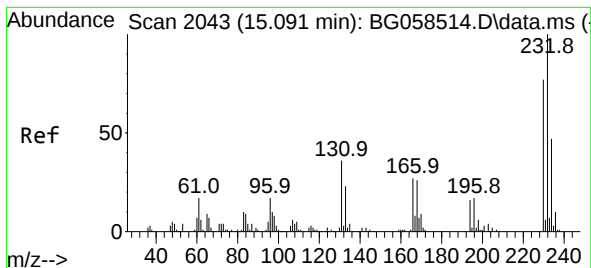


#58
Fluorene
Concen: 42.503 ng
RT: 15.509 min Scan# 2114
Delta R.T. 0.001 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01



Tgt Ion:166 Resp: 298484
Ion Ratio Lower Upper
166 100
165 98.7 80.0 120.0
167 13.4 11.3 16.9





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.560 ng
RT: 15.092 min Scan# 2043
Delta R.T. 0.001 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Instrument :

BNA_G

ClientSampleId :

PB154463BS

Tgt Ion:232 Resp: 89710
Ion Ratio Lower Upper
232 100
131 38.7 30.0 45.0
130 2.2 1.5 2.3
166 29.6 22.8 34.2

Manual Integrations

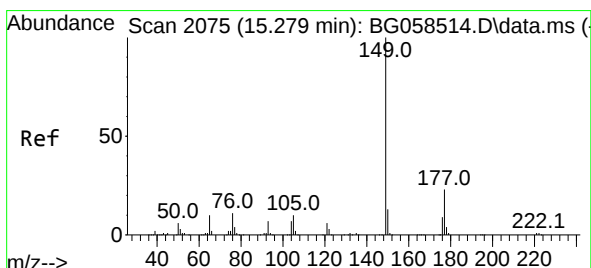
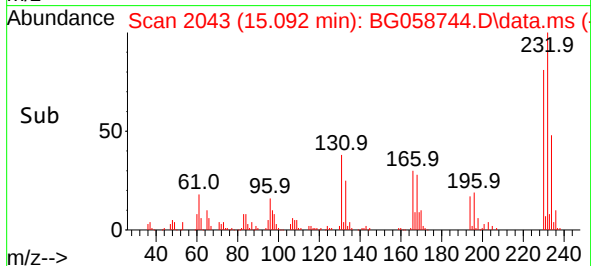
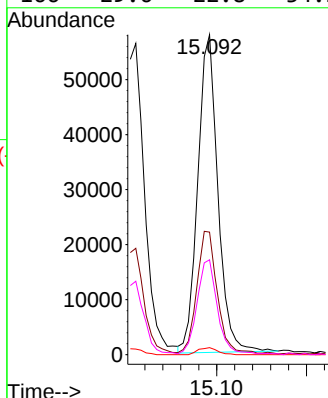
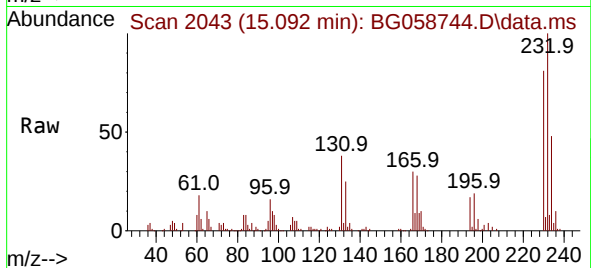
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Supervised By :mohammad ahmed 08/17/2023

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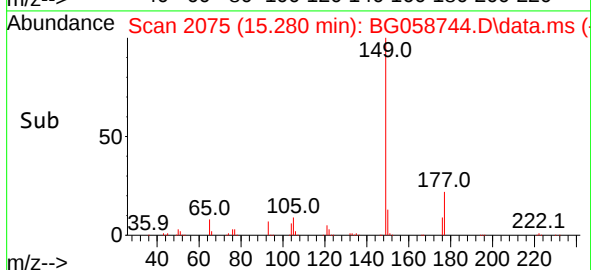
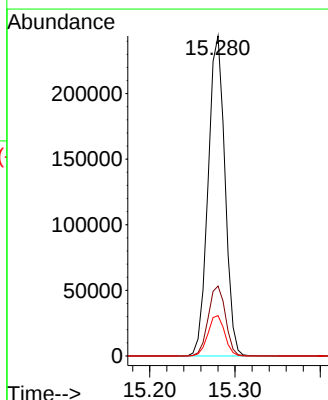
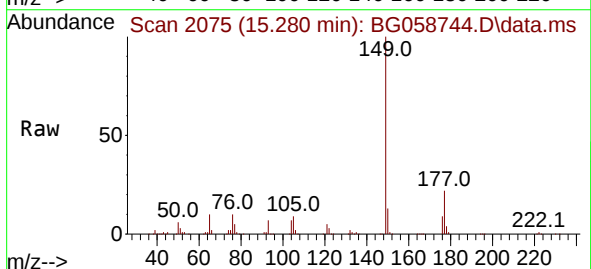
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ahmed

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#60
Diethylphthalate
Concen: 43.988 ng
RT: 15.280 min Scan# 2075
Delta R.T. 0.001 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Tgt Ion:149 Resp: 334251
Ion Ratio Lower Upper
149 100
177 21.9 18.2 27.4
150 12.6 10.2 15.4





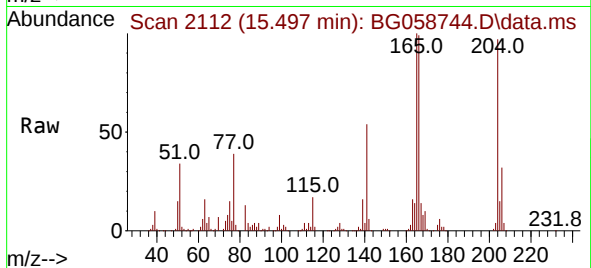
#61
4-Chlorophenyl-phenylether
Concen: 41.977 ng
RT: 15.497 min Scan# 2113
Delta R.T. -0.005 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Instrument :

BNA_G

ClientSampleId :

PB154463BS



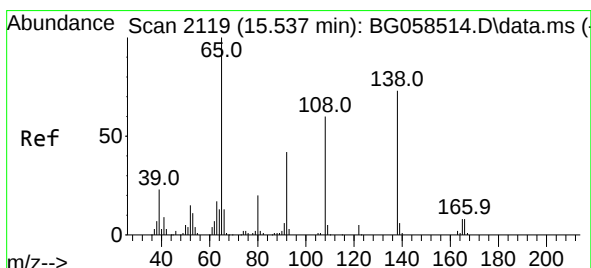
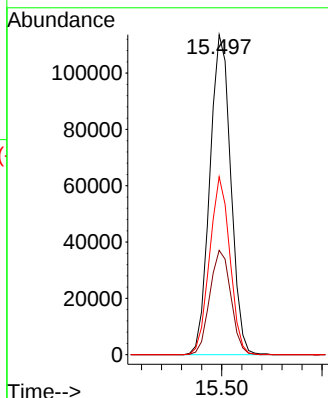
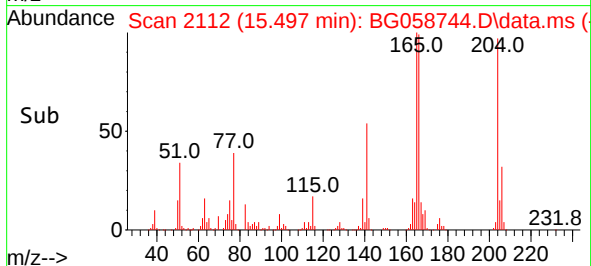
Tgt Ion:204 Resp: 16434
Ion Ratio Lower Upper
204 100
206 32.6 27.0 40.4
141 55.6 40.8 61.2

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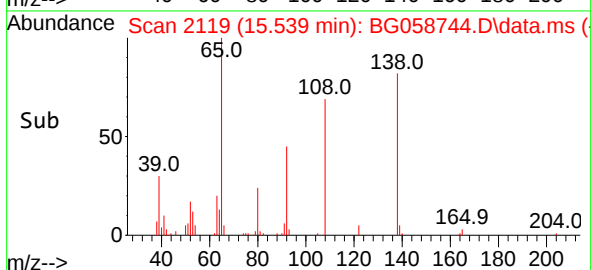
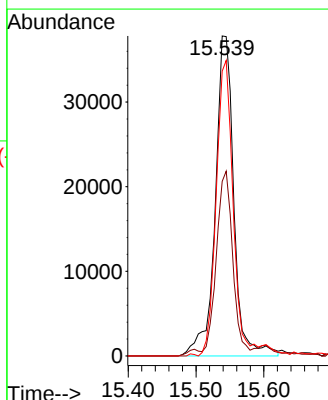
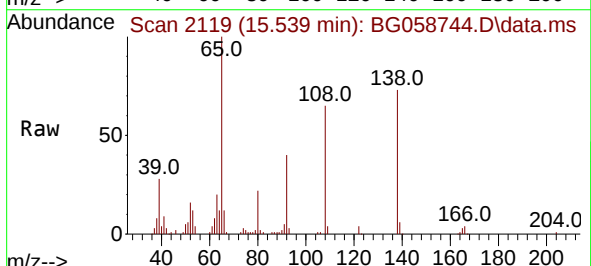
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ahmed

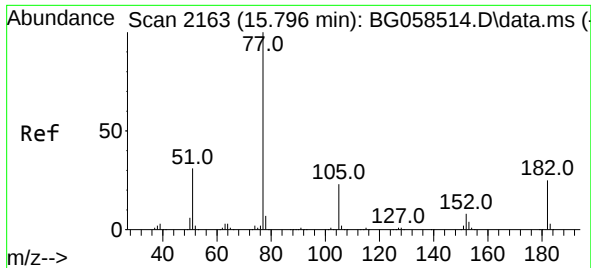
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#62
4-Nitroaniline
Concen: 46.377 ng m
RT: 15.539 min Scan# 2119
Delta R.T. 0.001 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Tgt Ion:138 Resp: 71936
Ion Ratio Lower Upper
138 100
92 54.5 37.3 77.3
108 89.0 62.6 102.6





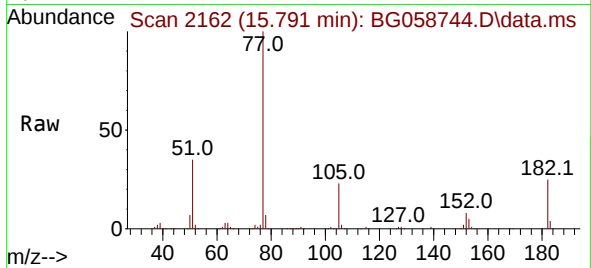
#63
Azobenzene
Concen: 40.945 ng
RT: 15.791 min Scan# 2163
Delta R.T. -0.005 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Instrument :

BNA_G

ClientSampleId :

PB154463BS



Tgt Ion: 77 Resp: 30645
Ion Ratio Lower Upper
77 100
182 24.8 4.6 44.6
105 23.0 3.3 43.3
51 35.4 10.9 50.9

Manual Integrations

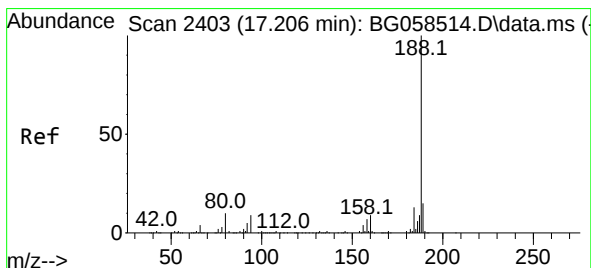
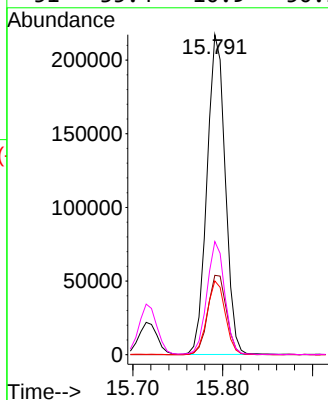
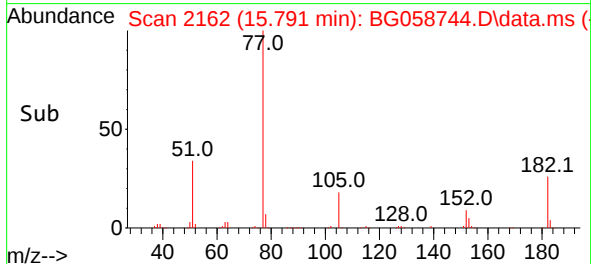
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Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

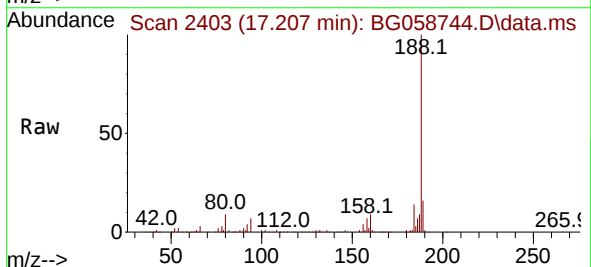
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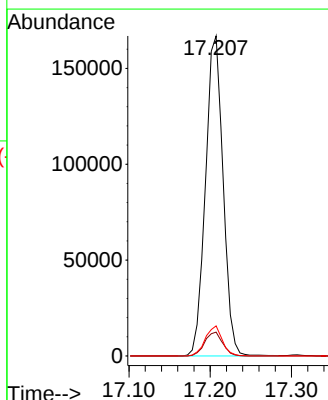
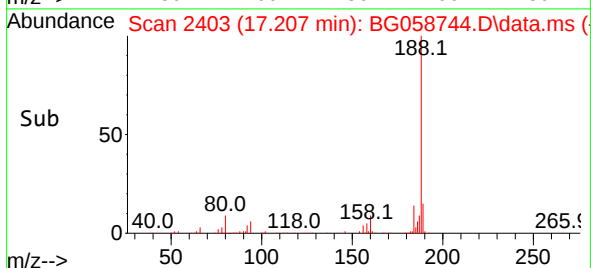
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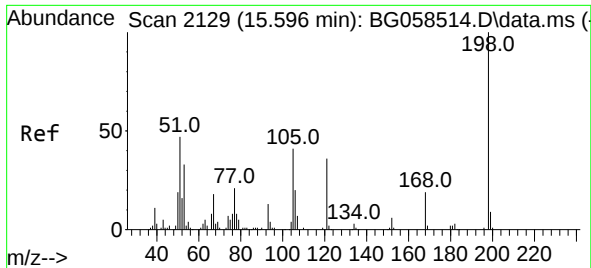


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.207 min Scan# 2403
Delta R.T. 0.001 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01



Tgt Ion:188 Resp: 250766
Ion Ratio Lower Upper
188 100
94 7.5 7.0 10.6
80 9.4 8.1 12.1





#65
4,6-Dinitro-2-methylphenol
Concen: 44.954 ng
RT: 15.603 min Scan# 2113
Delta R.T. 0.007 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Instrument :
BNA_G
ClientSampleId :
PB154463BS

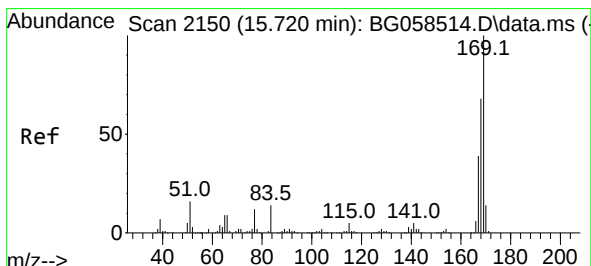
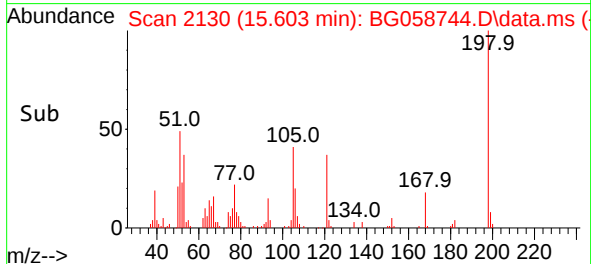
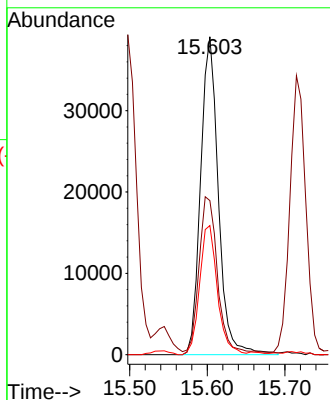
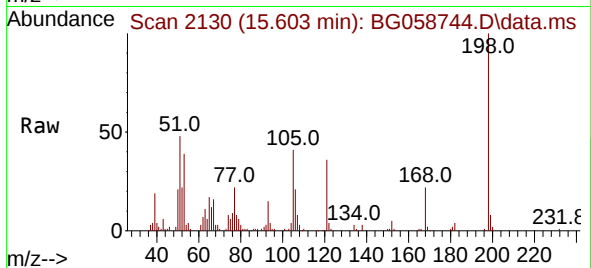
Tgt Ion:198 Resp: 62158
Ion Ratio Lower Upper
198 100
51 48.5 29.3 69.3
105 40.6 21.0 61.0

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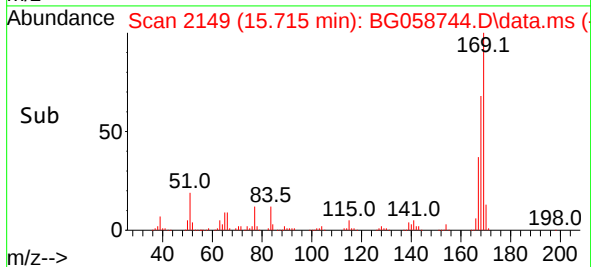
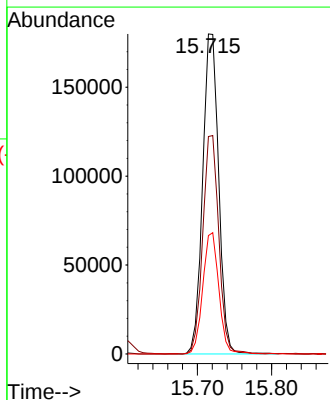
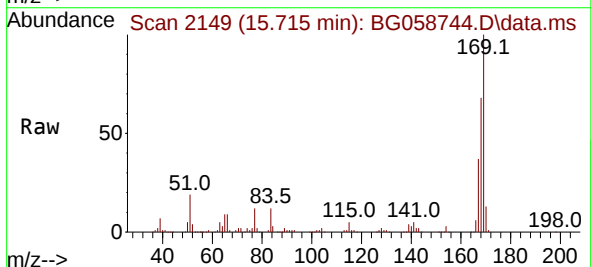
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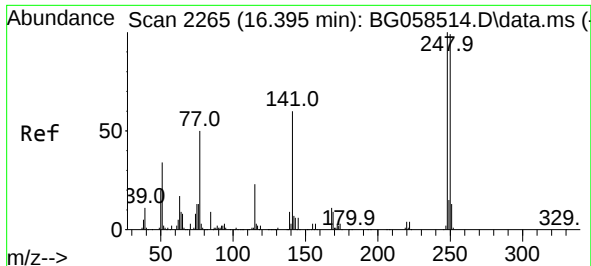
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#66
n-Nitrosodiphenylamine
Concen: 41.480 ng
RT: 15.715 min Scan# 2149
Delta R.T. -0.005 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Tgt Ion:169 Resp: 270726
Ion Ratio Lower Upper
169 100
168 68.0 54.6 82.0
167 37.0 31.3 46.9





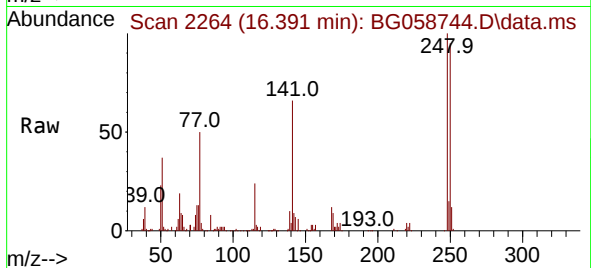
#67
4-Bromophenyl-phenylether
Concen: 40.256 ng
RT: 16.391 min Scan# 211
Delta R.T. -0.005 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Instrument :

BNA_G

ClientSampleId :

PB154463BS



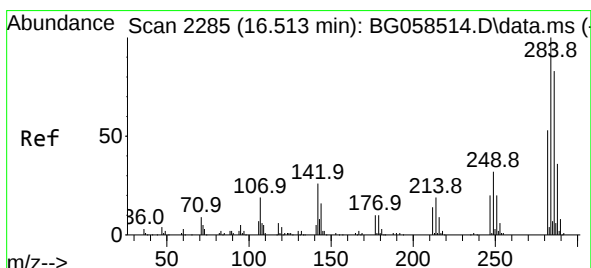
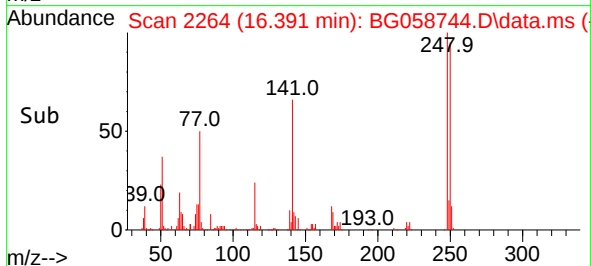
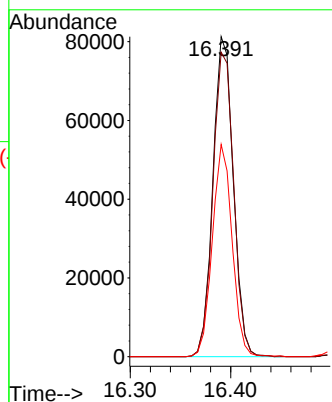
Tgt Ion:248 Resp: 11449
Ion Ratio Lower Upper
248 100
250 95.2 79.5 119.3
141 66.3 48.2 72.2

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Supervised By :mohammad ahmed 08/17/2023

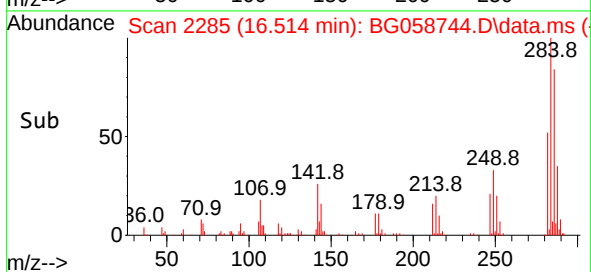
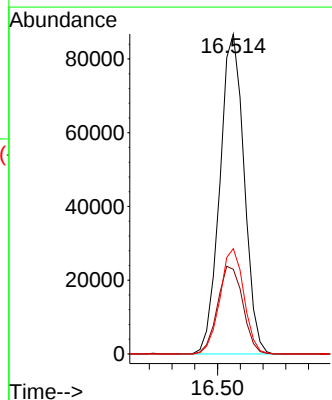
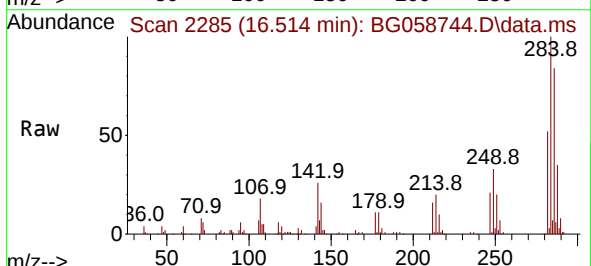
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Supervised By :mohammad
ahmed

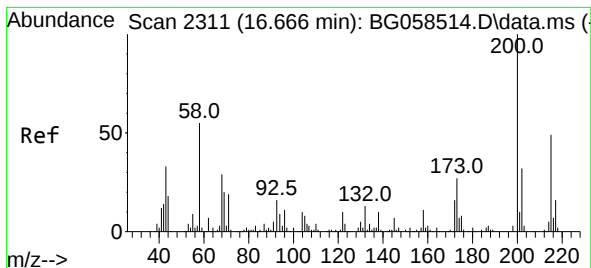
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#68
Hexachlorobenzene
Concen: 42.635 ng
RT: 16.514 min Scan# 2285
Delta R.T. 0.001 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Tgt Ion:284 Resp: 128496
Ion Ratio Lower Upper
284 100
142 26.5 21.0 31.4
249 32.9 25.5 38.3





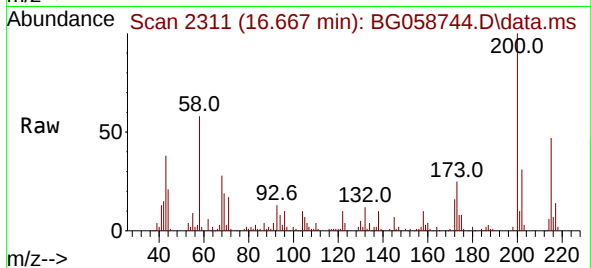
#69
 Atrazine
 Concen: 51.872 ng
 RT: 16.667 min Scan# 2311
 Delta R.T. 0.001 min
 Lab File: BG058744.D
 Acq: 16 Aug 2023 12:01

Instrument :

BNA_G

ClientSampleId :

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Tgt Ion:200 Resp: 11428
 Ion Ratio Lower Upper
 200 100
 173 24.9 6.5 46.5
 215 46.8 28.9 68.9

Manual Integrations

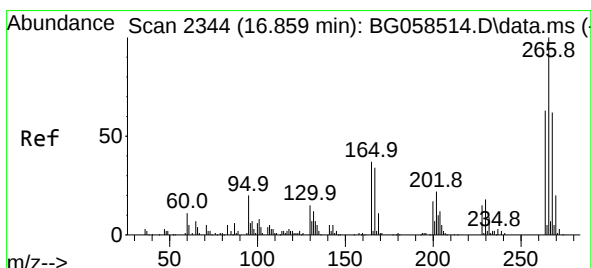
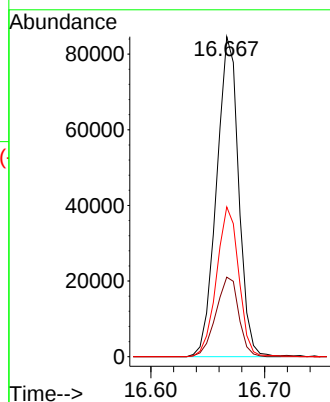
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 Supervised By :mohammad ahmed 08/17/2023

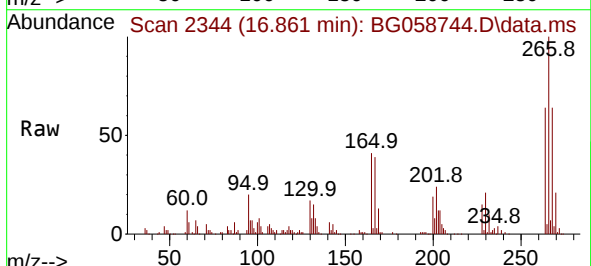
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 ahmed

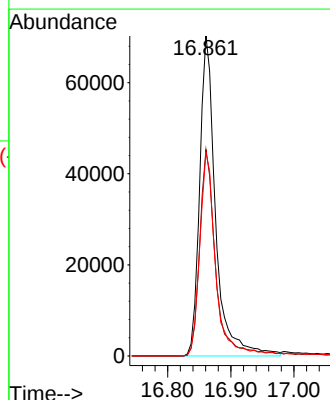
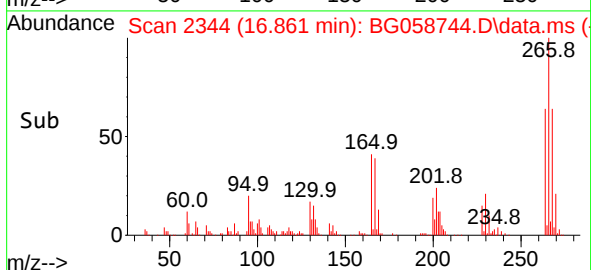
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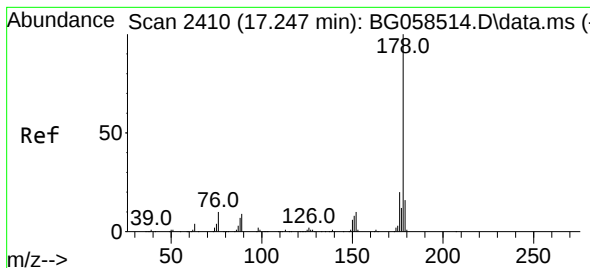


#70
 Pentachlorophenol
 Concen: 67.638 ng
 RT: 16.861 min Scan# 2344
 Delta R.T. 0.002 min
 Lab File: BG058744.D
 Acq: 16 Aug 2023 12:01



Tgt Ion:266 Resp: 123388
 Ion Ratio Lower Upper
 266 100
 268 64.5 49.9 74.9
 264 63.7 50.2 75.4





#71
Phenanthrene
Concen: 42.459 ng
RT: 17.248 min Scan# 2410
Delta R.T. 0.001 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Instrument :
BNA_G
ClientSampleId :
PB154463BS

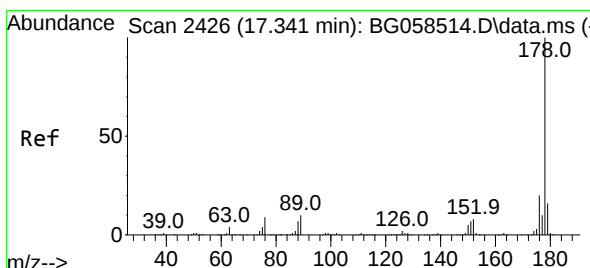
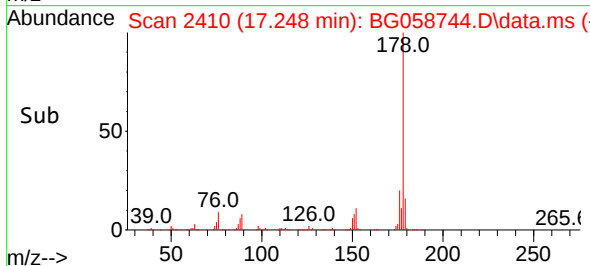
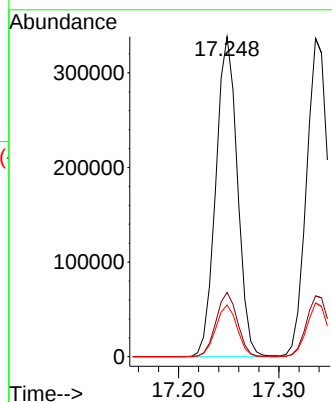
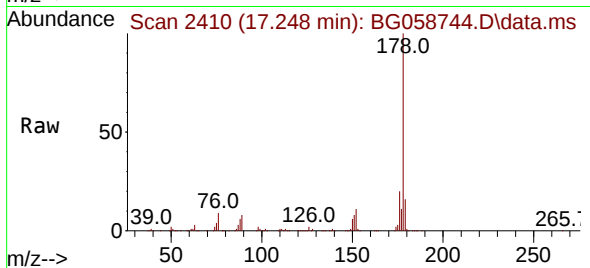
Tgt Ion:178 Resp: 50494
Ion Ratio Lower Upper
178 100
176 20.1 16.3 24.5
179 16.1 13.1 19.7

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Supervised By :mohammad ahmed 08/17/2023

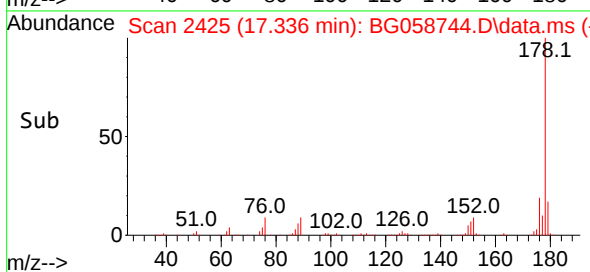
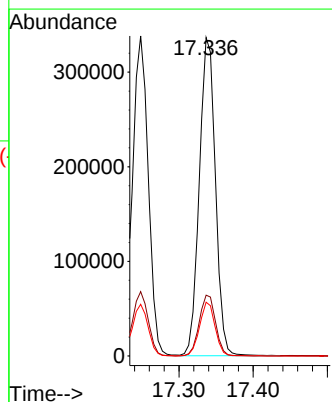
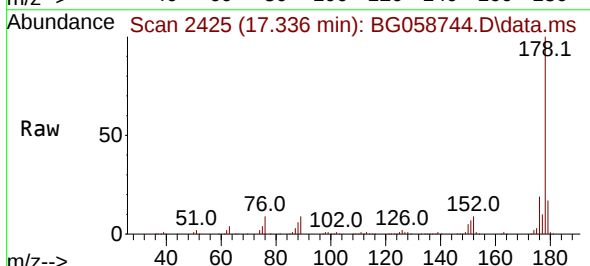
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Supervised By :mohammad
ahmed

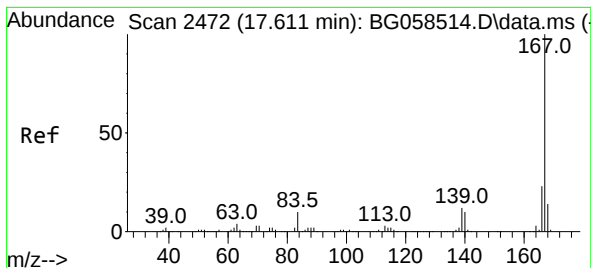
08/17/2023



#72
Anthracene
Concen: 41.592 ng
RT: 17.336 min Scan# 2425
Delta R.T. -0.005 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

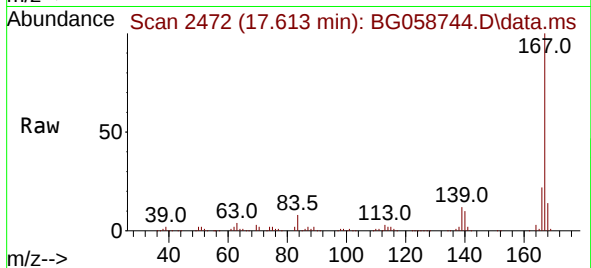
Tgt Ion:178 Resp: 507530
Ion Ratio Lower Upper
178 100
176 19.1 16.0 24.0
179 16.9 12.9 19.3





#73
 Carbazole
 Concen: 44.300 ng
 RT: 17.613 min Scan# 2472
 Delta R.T. 0.001 min
 Lab File: BG058744.D
 Acq: 16 Aug 2023 12:01

Instrument :
 BNA_G
 ClientSampleId :
 PB154463BS



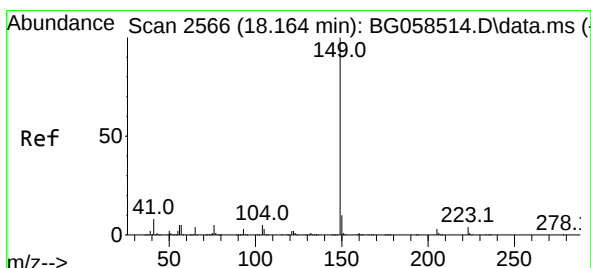
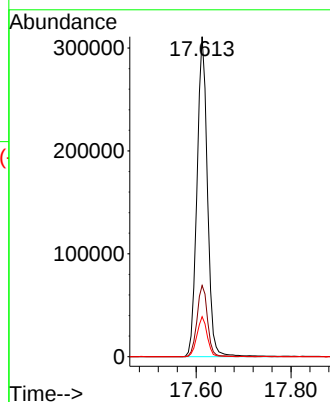
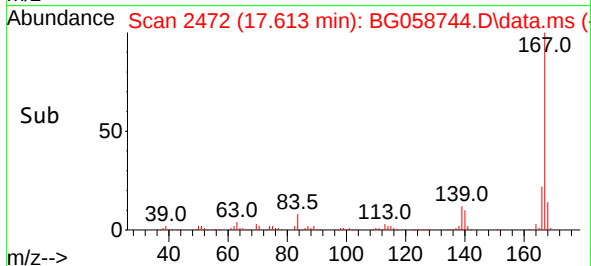
Tgt Ion:167 Resp: 47669
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.4 27.6
 139 12.5 10.0 15.0

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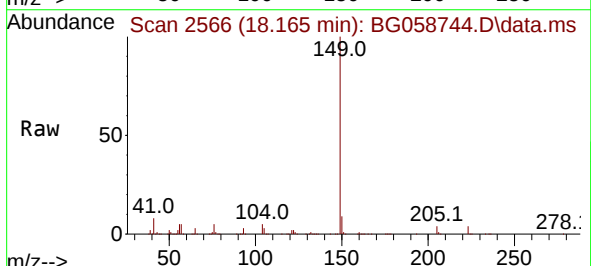
Reviewed By :Yogesh Patel 08/17/2023
 Supervised By :mohammad ahmed 08/17/2023

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 Supervised By :mohammad
 ahmed

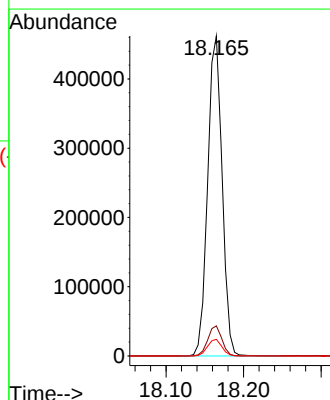
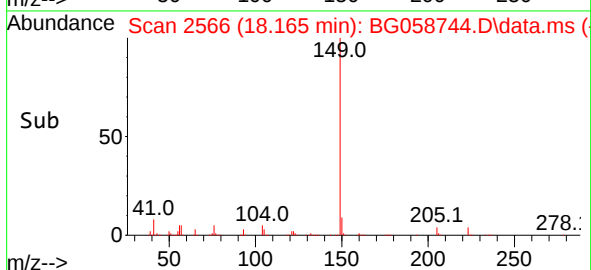
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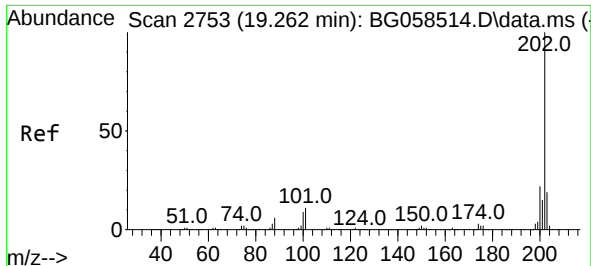


#74
 Di-n-butylphthalate
 Concen: 44.246 ng
 RT: 18.165 min Scan# 2566
 Delta R.T. 0.001 min
 Lab File: BG058744.D
 Acq: 16 Aug 2023 12:01



Tgt Ion:149 Resp: 596349
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.8 11.6
 104 5.2 4.0 6.0





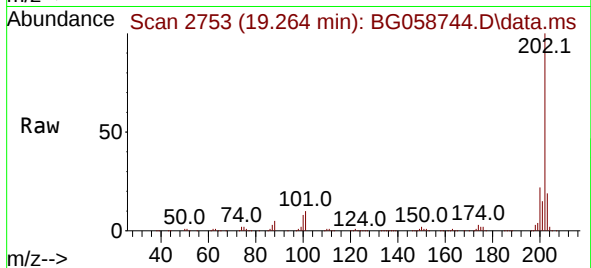
#75
Fluoranthene
Concen: 43.590 ng
RT: 19.264 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Instrument :

BNA_G

ClientSampleId :

PB154463BS



Tgt Ion:202 Resp: 622699
Ion Ratio Lower Upper
202 100
101 9.9 0.0 31.4
203 18.5 0.0 39.0

Manual Integrations

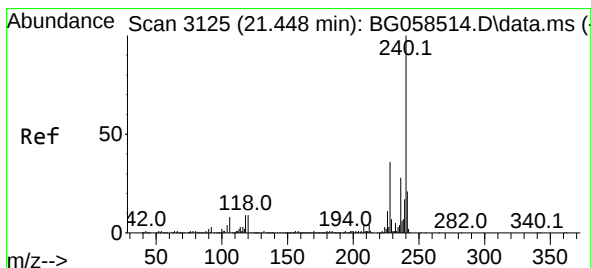
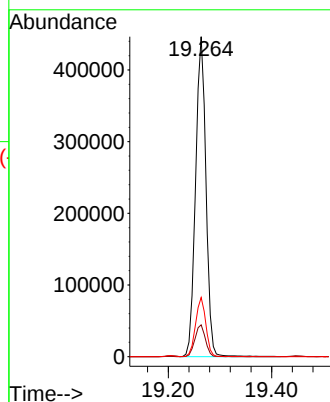
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Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

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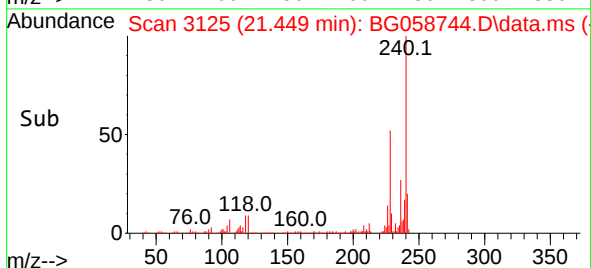
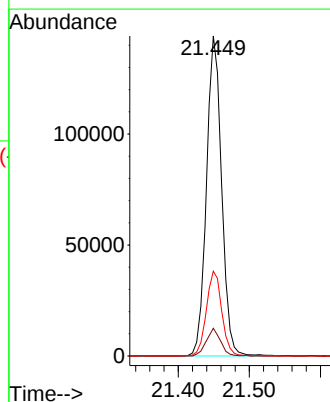
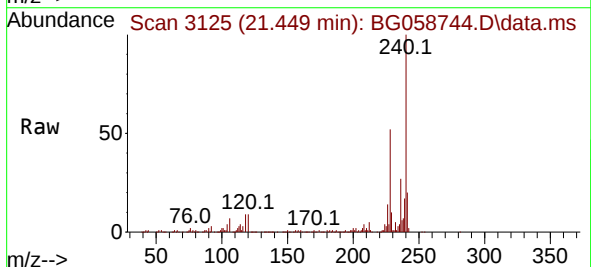
Supervised By :mohammad
ahmed

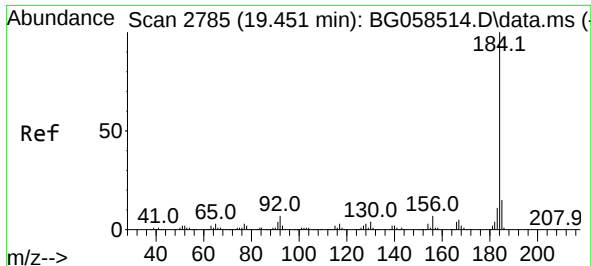
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.449 min Scan# 3125
Delta R.T. 0.001 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

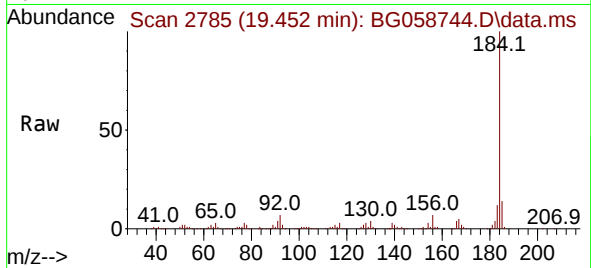
Tgt Ion:240 Resp: 213823
Ion Ratio Lower Upper
240 100
120 8.6 7.4 11.0
236 26.5 22.2 33.4





#77
Benzidine
Concen: 67.625 ng
RT: 19.452 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Instrument :
BNA_G
ClientSampleId :
PB154463BS



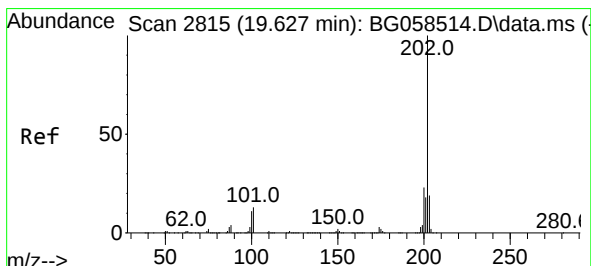
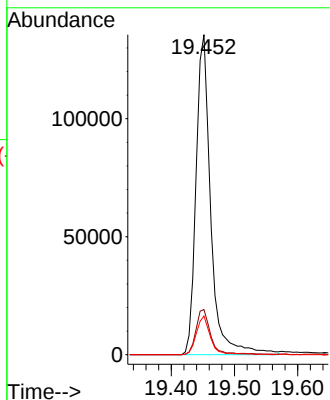
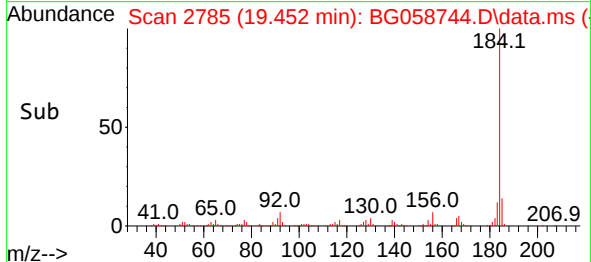
Tgt Ion:184 Resp: 219270
Ion Ratio Lower Upper
184 100
185 14.1 11.9 17.9
183 12.1 8.7 13.1

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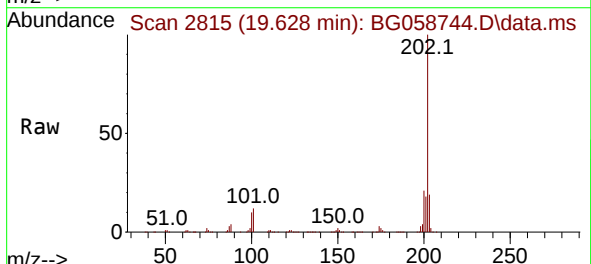
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

08/17/2023
Supervised By :mohammad
ahmed

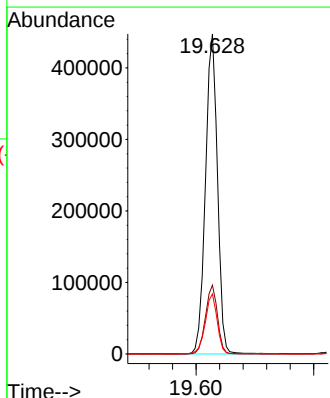
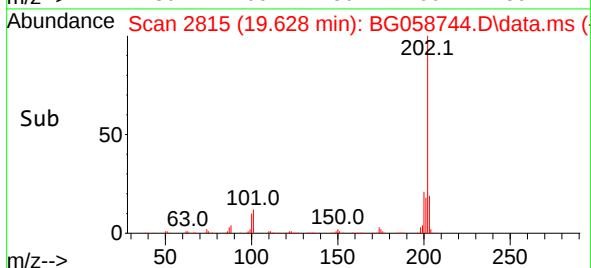
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#78
Pyrene
Concen: 43.533 ng
RT: 19.628 min Scan# 2815
Delta R.T. 0.001 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01



Tgt Ion:202 Resp: 633490
Ion Ratio Lower Upper
202 100
200 21.5 18.2 27.2
203 18.8 15.1 22.7





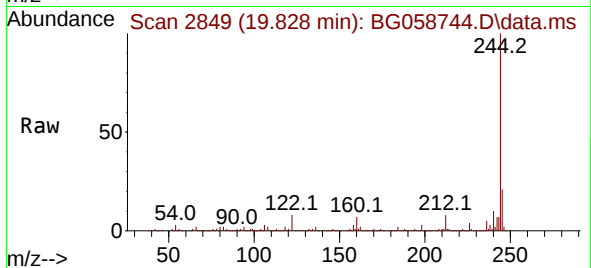
#79
 Terphenyl-d14
 Concen: 86.419 ng
 RT: 19.828 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG058744.D
 Acq: 16 Aug 2023 12:01

Instrument :

BNA_G

ClientSampleId :

PB154463BS



Tgt Ion:244 Resp: 982615
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.9 8.9
 122 8.0 6.8 10.2

Manual Integrations

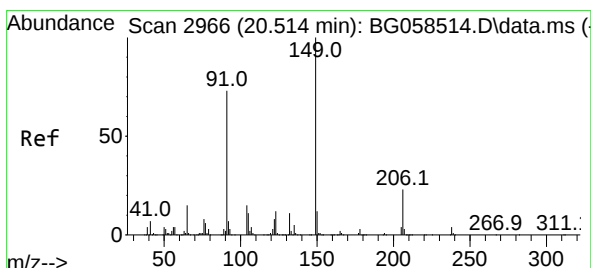
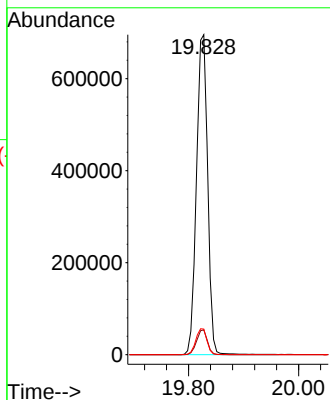
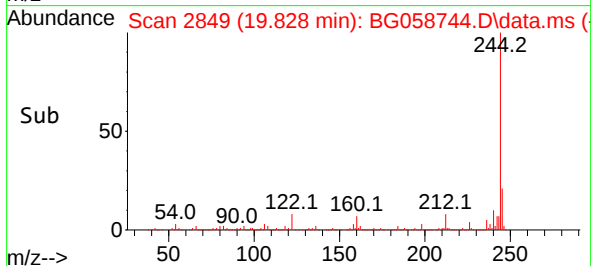
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Reviewed By :Yogesh Patel 08/17/2023
 Supervised By :mohammad ahmed 08/17/2023

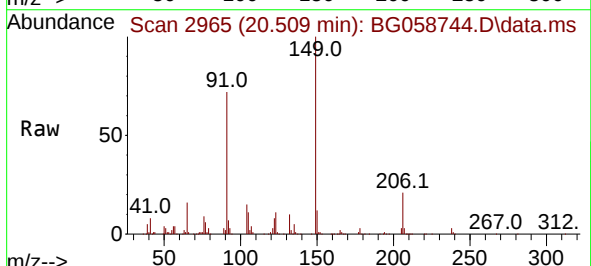
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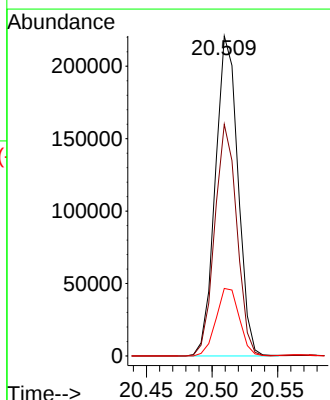
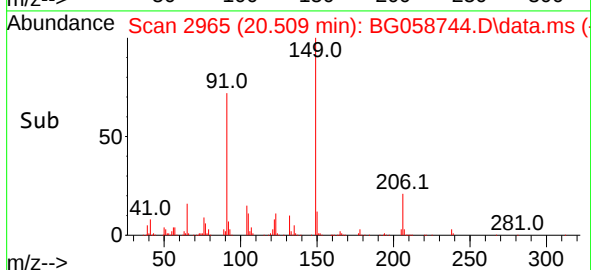
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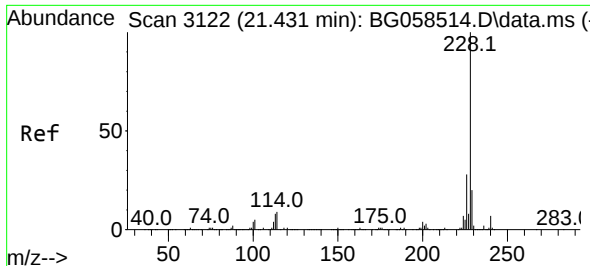


#80
 Butylbenzylphthalate
 Concen: 44.255 ng
 RT: 20.509 min Scan# 2965
 Delta R.T. -0.005 min
 Lab File: BG058744.D
 Acq: 16 Aug 2023 12:01



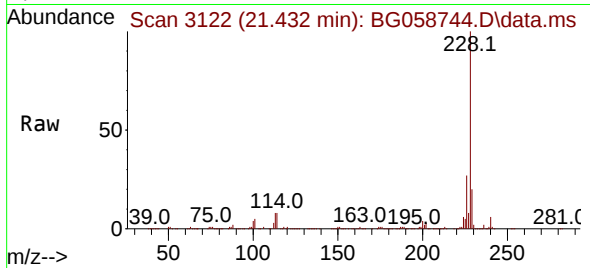
Tgt Ion:149 Resp: 264523
 Ion Ratio Lower Upper
 149 100
 91 72.4 58.4 87.6
 206 21.1 18.3 27.5





#81
Benzo(a)anthracene
Concen: 43.706 ng
RT: 21.432 min Scan# 3122
Delta R.T. 0.001 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Instrument :
BNA_G
ClientSampleId :
PB154463BS



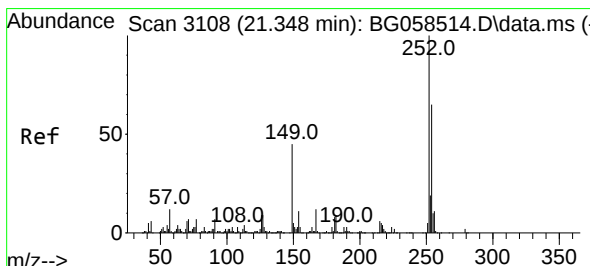
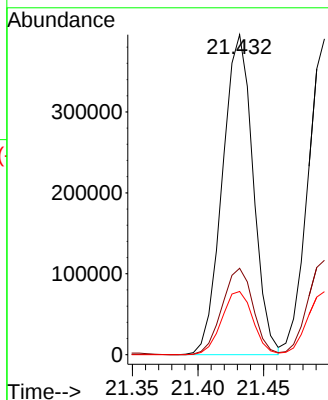
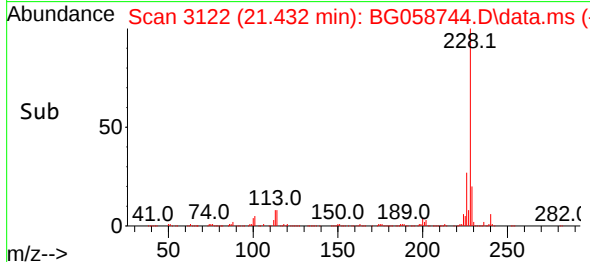
Tgt Ion:228 Resp: 64314
Ion Ratio Lower Upper
228 100
226 27.0 22.6 33.8
229 19.8 16.3 24.5

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Supervised By :mohammad ahmed 08/17/2023

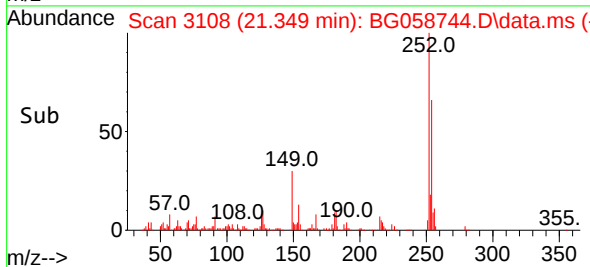
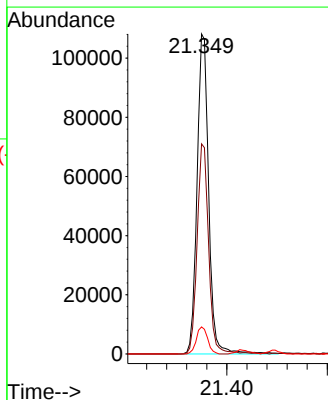
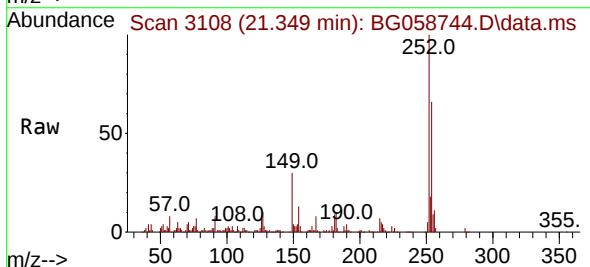
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Supervised By :mohammad
ahmed

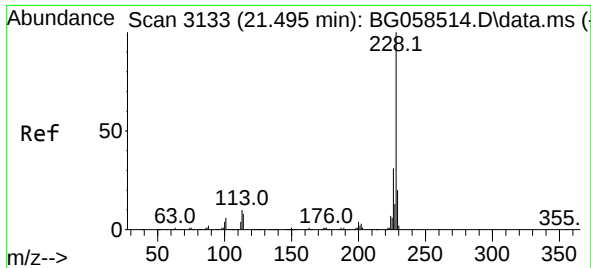
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#82
3,3'-Dichlorobenzidine
Concen: 34.823 ng
RT: 21.349 min Scan# 3108
Delta R.T. 0.001 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

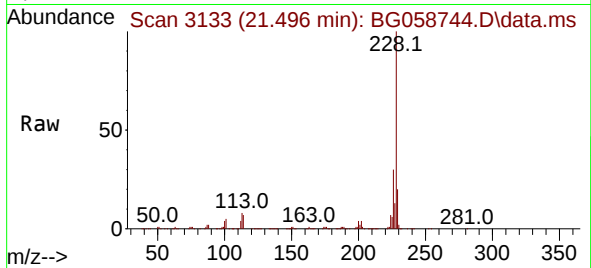
Tgt Ion:252 Resp: 173253
Ion Ratio Lower Upper
252 100
254 65.6 52.2 78.4
126 8.4 7.2 10.8





#83
Chrysene
Concen: 42.192 ng
RT: 21.496 min Scan# 3133
Delta R.T. 0.001 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Instrument :
BNA_G
ClientSampleId :
PB154463BS



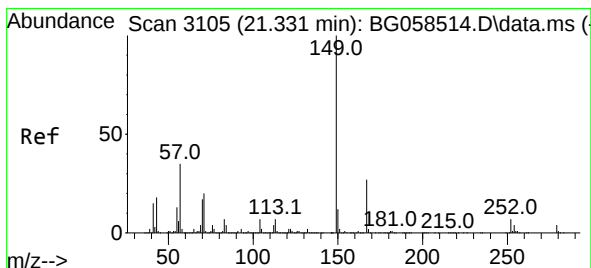
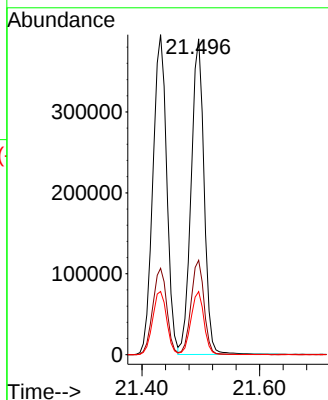
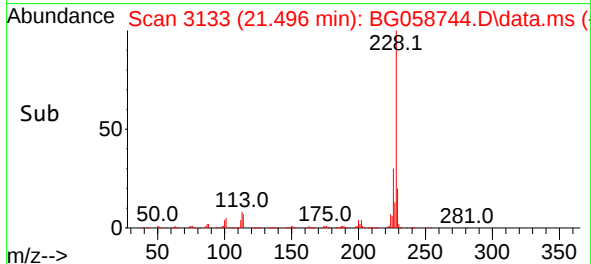
Tgt Ion:228 Resp: 595274
Ion Ratio Lower Upper
228 100
226 29.9 25.0 37.6
229 20.0 16.3 24.5

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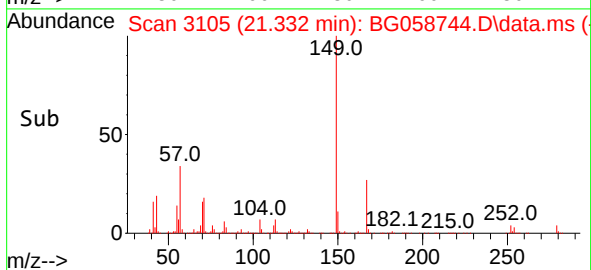
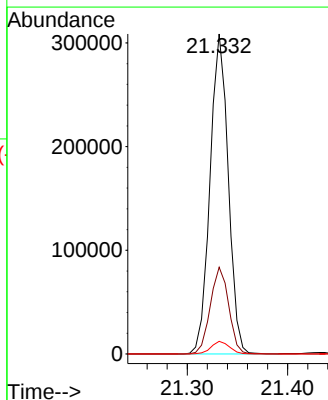
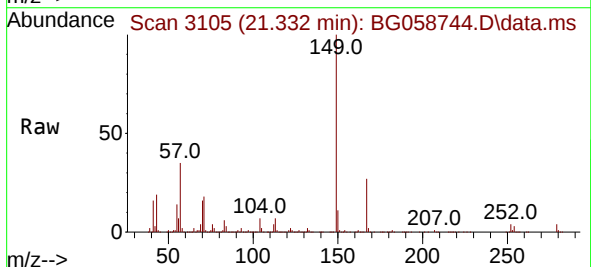
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ahmed

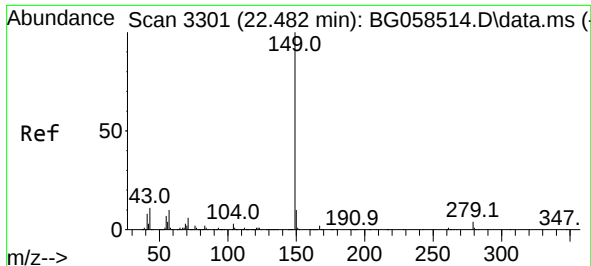
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#84
Bis(2-ethylhexyl)phthalate
Concen: 44.579 ng
RT: 21.332 min Scan# 3105
Delta R.T. 0.001 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

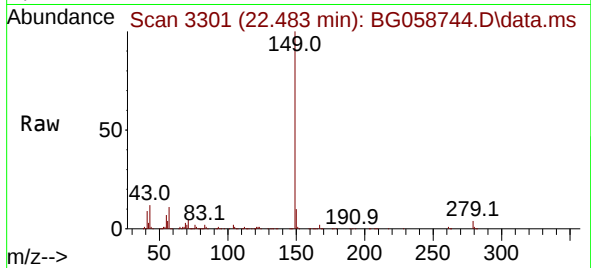
Tgt Ion:149 Resp: 389393
Ion Ratio Lower Upper
149 100
167 27.1 21.8 32.8
279 3.9 2.9 4.3





#85
Di-n-octyl phthalate
Concen: 44.647 ng
RT: 22.483 min Scan# 3301
Delta R.T. 0.001 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Instrument :
BNA_G
ClientSampleId :
PB154463BS



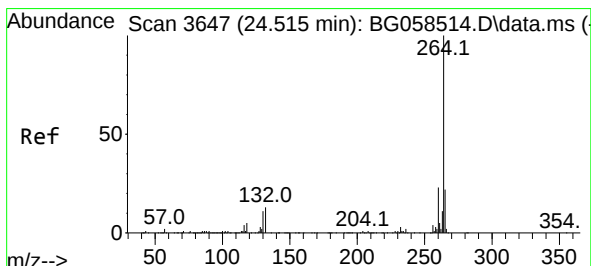
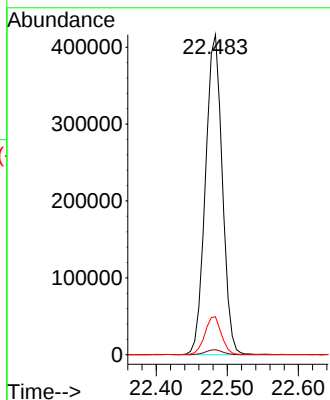
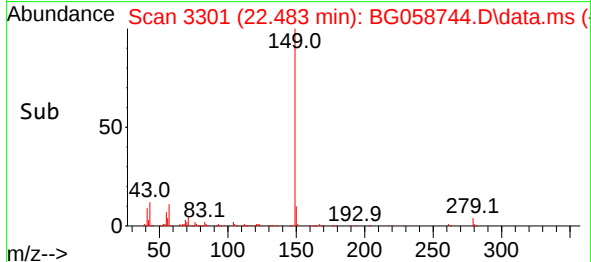
Tgt Ion:149 Resp: 68564
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.6 8.2 12.2

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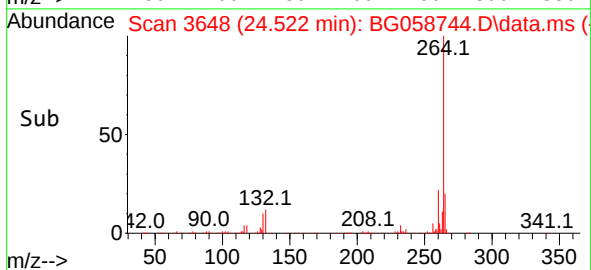
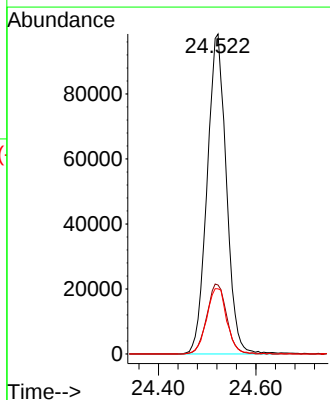
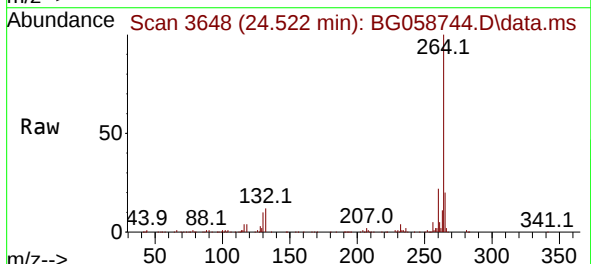
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#86
Perylene-d12
Concen: 20.000 ng
RT: 24.522 min Scan# 3648
Delta R.T. 0.007 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Tgt Ion:264 Resp: 269357
Ion Ratio Lower Upper
264 100
260 21.6 18.4 27.6
265 20.4 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.634 ng

RT: 28.024 min Scan# 4244

Delta R.T. 0.013 min

Lab File: BG058744.D

Acq: 16 Aug 2023 12:01

Instrument :

BNA_G

ClientSampleId :

PB154463BS

Tgt Ion:276 Resp: 799810
 Ion Ratio Lower Upper
 276 100
 138 0.0 16.0 24.0
 277 25.5 20.4 30.6

Manual Integrations

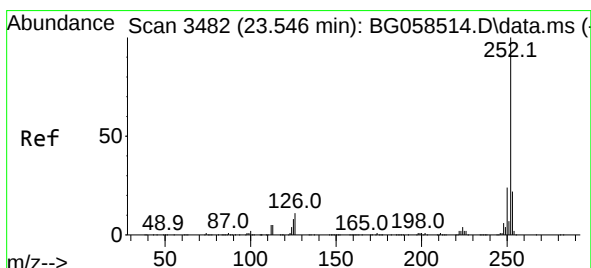
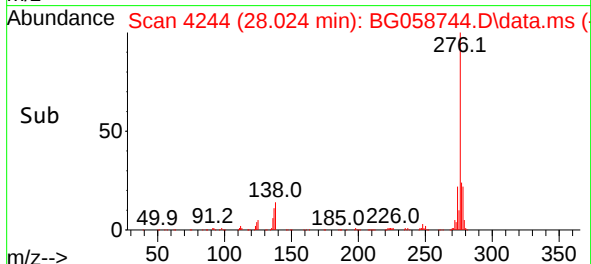
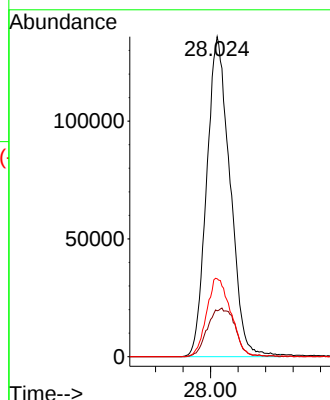
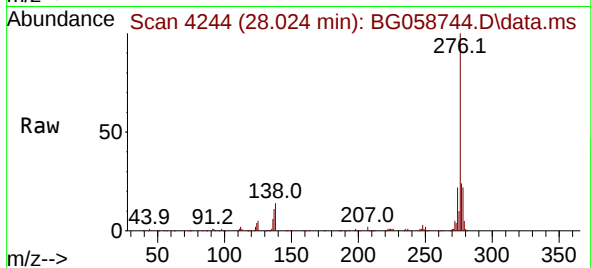
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 Supervised By :mohammad ahmed 08/17/2023

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 ahmed

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#88

Benzo(b)fluoranthene

Concen: 47.230 ng

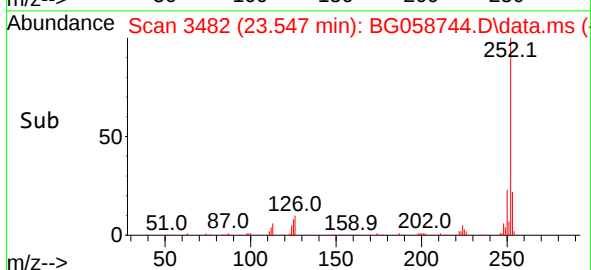
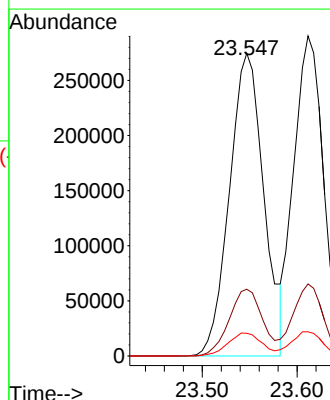
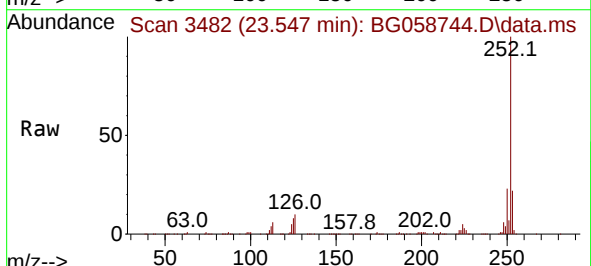
RT: 23.547 min Scan# 3482

Delta R.T. 0.001 min

Lab File: BG058744.D

Acq: 16 Aug 2023 12:01

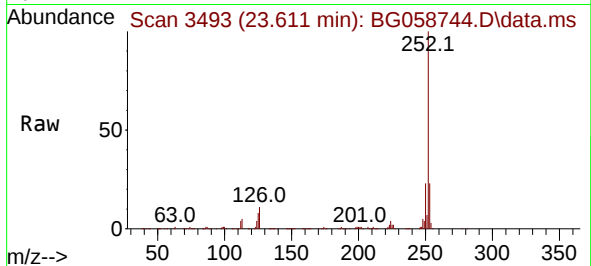
Tgt Ion:252 Resp: 689998
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.8 26.8
 125 7.5 6.6 9.8





#89
Benzo(k)fluoranthene
Concen: 43.308 ng
RT: 23.611 min Scan# 3493
Delta R.T. 0.001 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Instrument :
BNA_G
ClientSampleId :
PB154463BS



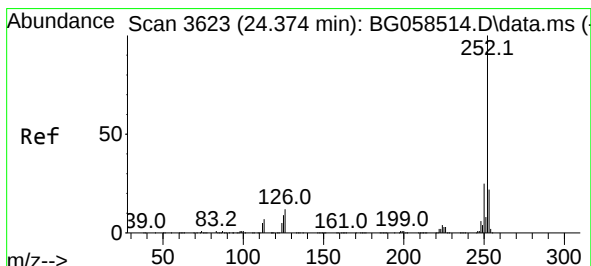
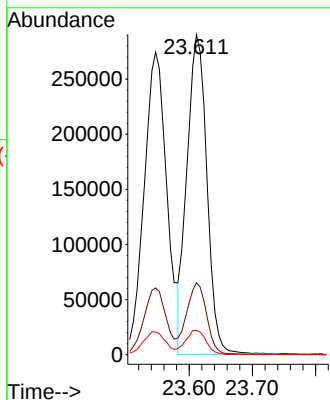
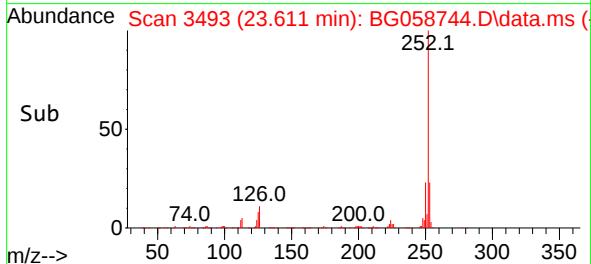
Tgt Ion:252 Resp: 63560
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 7.5 6.6 10.0

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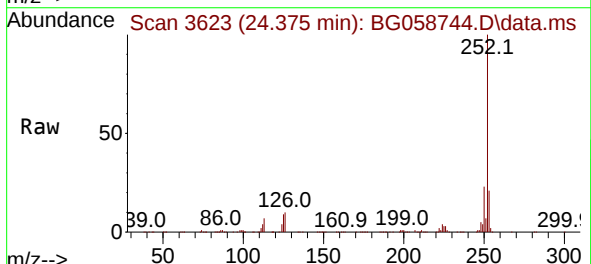
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

08/17/2023
Supervised By :mohammad
ahmed

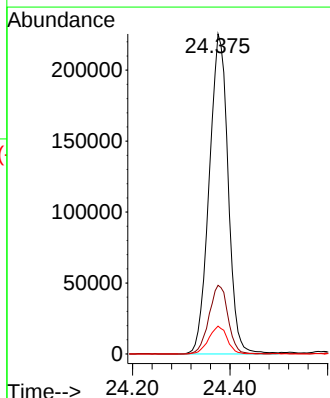
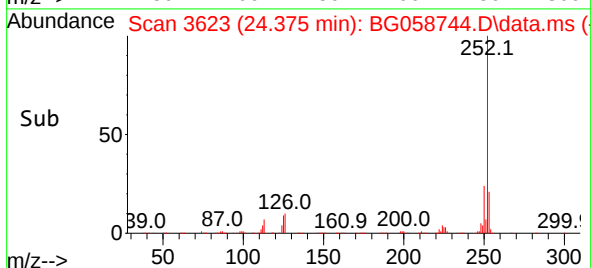
08/17/2023

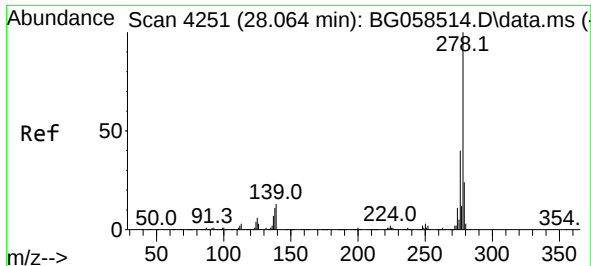


#90
Benzo(a)pyrene
Concen: 42.258 ng
RT: 24.375 min Scan# 3623
Delta R.T. 0.001 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01



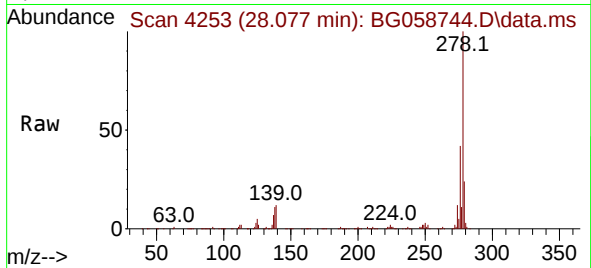
Tgt Ion:252 Resp: 606288
Ion Ratio Lower Upper
252 100
253 21.4 17.5 26.3
125 8.7 7.4 11.2





#91
Dibenzo(a,h)anthracene
Concen: 44.767 ng
RT: 28.077 min Scan# 41
Delta R.T. 0.013 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Instrument :
BNA_G
ClientSampleId :
PB154463BS



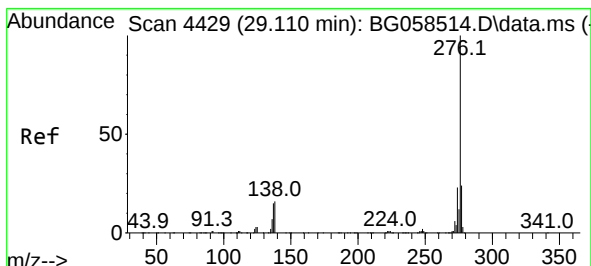
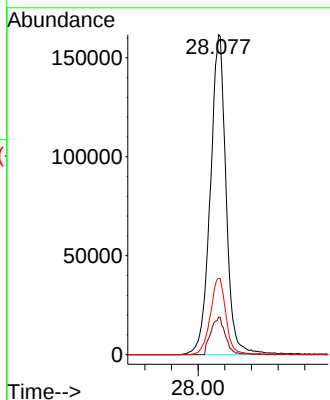
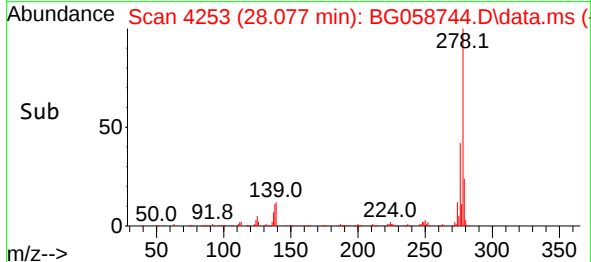
Tgt Ion:278 Resp: 663309
Ion Ratio Lower Upper
278 100
139 11.8 10.4 15.6
279 23.8 19.0 28.6

Manual Integrations
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Supervised By :mohammad ahmed 08/17/2023

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Supervised By :mohammad
ahmed

08/17/2023



#92
Benzo(g,h,i)perylene
Concen: 43.166 ng
RT: 29.117 min Scan# 4430
Delta R.T. 0.007 min
Lab File: BG058744.D
Acq: 16 Aug 2023 12:01

Tgt Ion:276 Resp: 641352
Ion Ratio Lower Upper
276 100
277 24.9 18.9 28.3
138 15.2 13.0 19.4

