

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041024\
 Data File : BG060854.D
 Acq On : 10 Apr 2024 17:53
 Operator : MA/JU
 Sample : P2022-01MSD 10X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-04082024MSD

Quant Time: Apr 11 02:23:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 03:12:26 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/12/2024
 Supervised By :mohammad ahmed 04/12/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	72045	20.000	ng	0.00
21) Naphthalene-d8	10.749	136	267231	20.000	ng	0.00
39) Acenaphthene-d10	14.580	164	188796	20.000	ng	0.00
64) Phenanthrene-d10	17.323	188	412562	20.000	ng	-0.02
76) Chrysene-d12	21.589	240	370515	20.000	ng	-0.02
86) Perylene-d12	24.726	264	382502	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.537	112	35450	8.197	ng	0.00
7) Phenol-d6	7.112	99	48860	7.611	ng	0.00
23) Nitrobenzene-d5	9.098	82	33265	7.103	ng	-0.02
42) 2,4,6-Tribromophenol	16.066	330	23181	10.816	ng	0.00
45) 2-Fluorobiphenyl	13.199	172	80545	6.261	ng	-0.02
79) Terphenyl-d14	19.944	244	127981	6.082	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.469	88	5397m	3.044	ng	
3) Pyridine	3.857	79	13705	2.562	ng	# 87
4) n-Nitrosodimethylamine	3.769	42	11352	3.551	ng	# 96
8) 2-Chlorophenol	7.517	128	17063	3.480	ng	95
10) Phenol	7.141	94	22750	3.472	ng	93
11) bis(2-Chloroethyl)ether	7.370	93	17373	3.284	ng	97
12) 1,3-Dichlorobenzene	7.846	146	19963	3.915	ng	92
13) 1,4-Dichlorobenzene	7.987	146	19987	3.842	ng	97
14) 1,2-Dichlorobenzene	8.305	146	18487	3.627	ng	96
15) Benzyl Alcohol	8.181	79	16573	3.187	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.469	45	41292	3.459	ng	98
17) 2-Methylphenol	8.387	107	15148	3.063	ng	94
18) Hexachloroethane	9.033	117	5878	3.182	ng	# 68
19) n-Nitroso-di-n-propyla...	8.745	70	14457	2.953	ng	98
20) 3+4-Methylphenols	8.710	107	19850	2.931	ng	93
22) Acetophenone	8.763	105	29003	3.936	ng	# 96
24) Nitrobenzene	9.145	77	20000	6.388	ng	96
25) Isophorone	9.668	82	37486	3.475	ng	# 95
26) 2-Nitrophenol	9.862	139	7111	7.159	ng	94
27) 2,4-Dimethylphenol	9.914	122	12388	2.859	ng	94
28) bis(2-Chloroethoxy)met...	10.155	93	21960	3.448	ng	99
29) 2,4-Dichlorophenol	10.396	162	15395	3.869	ng	96
30) 1,2,4-Trichlorobenzene	10.608	180	18876	4.190	ng	# 94
31) Naphthalene	10.796	128	54933	3.800	ng	98
32) Benzoic acid	9.979	122	5618m	8.507	ng	
34) Hexachlorobutadiene	11.089	225	14406	4.798	ng	94
35) Caprolactam	11.630	113	3748	2.378	ng	# 88
36) 4-Chloro-3-methylphenol	12.024	107	17321	3.408	ng	94
37) 2-Methylnaphthalene	12.400	142	37617	3.540	ng	95
38) 1-Methylnaphthalene	12.623	142	33902	3.377	ng	100
40) 1,2,4,5-Tetrachloroben...	12.770	216	23568	4.342	ng	95
43) 2,4,6-Trichlorophenol	13.005	196	14235m	4.073	ng	
44) 2,4,5-Trichlorophenol	13.081	196	15770	3.781	ng	# 91
46) 1,1'-Biphenyl	13.410	154	51726	3.879	ng	92
47) 2-Chloronaphthalene	13.451	162	39400	3.889	ng	100
48) 2-Nitroaniline	13.645	65	12070	6.637	ng	91

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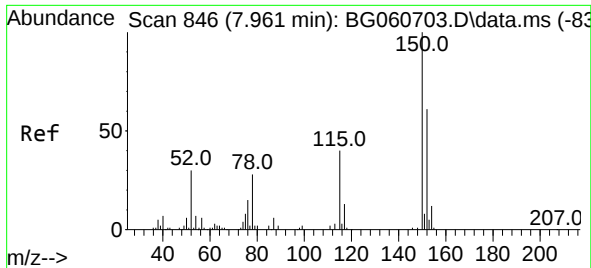
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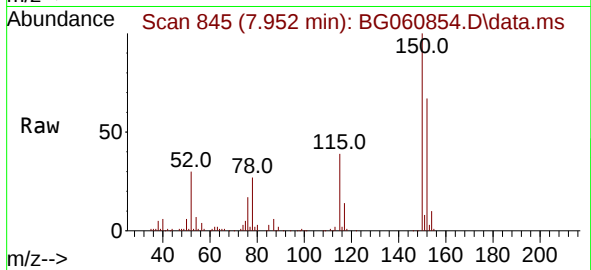
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Acenaphthylene	14.297	152	64027	3.761	ng	97
50) Dimethylphthalate	14.027	163	50027	3.352	ng	98
51) 2,6-Dinitrotoluene	14.145	165	7983	6.264	ng	93
52) Acenaphthene	14.638	154	37507	3.509	ng	96
53) 3-Nitroaniline	14.474	138	8785	5.670	ng	95
55) Dibenzofuran	14.973	168	63251	3.752	ng	99
56) 4-Nitrophenol	14.785	139	13719	6.289	ng	90
57) 2,4-Dinitrotoluene	14.932	165	10710	6.251	ng	# 89
58) Fluorene	15.625	166	52260	3.862	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.196	232	14235	3.916	ng	96
60) Diethylphthalate	15.396	149	47935	3.193	ng	# 93
61) 4-Chlorophenyl-phenyle...	15.625	204	27332	3.818	ng	89
62) 4-Nitroaniline	15.625	138	11238	4.119	ng	88
63) Azobenzene	15.913	77	48276	3.300	ng	96
65) 4,6-Dinitro-2-methylph...	15.690	198	140	7.104	ng	# 86
66) n-Nitrosodiphenylamine	15.831	169	42969	3.645	ng	99
67) 4-Bromophenyl-phenylether	16.518	248	17483	4.176	ng	96
68) Hexachlorobenzene	16.630	284	20508	4.339	ng	97
69) Atrazine	16.783	200	16654	4.040	ng	93
70) Pentachlorophenol	16.977	266	21787	7.064	ng	93
71) Phenanthrene	17.364	178	93518	4.359	ng	99
72) Anthracene	17.459	178	83156	3.816	ng	98
73) Carbazole	17.723	167	70487	3.669	ng	100
74) Di-n-butylphthalate	18.299	149	86118	3.595	ng	# 99
75) Fluoranthene	19.380	202	120250	4.619	ng	94
78) Pyrene	19.738	202	127434	4.918	ng	99
80) Butylbenzylphthalate	20.643	149	36434	3.854	ng	97
81) Benzo(a)anthracene	21.571	228	114289	4.376	ng	94
82) 3,3'-Dichlorobenzidine	21.489	252	27589	3.128	ng	# 92
83) Chrysene	21.630	228	111056	4.412	ng	96
84) Bis(2-ethylhexyl)phtha...	21.507	149	56264	3.734	ng	# 96
85) Di-n-octyl phthalate	22.699	149	93263	3.800	ng	# 84
87) Indeno(1,2,3-cd)pyrene	28.287	276	80088m	2.973	ng	
88) Benzo(b)fluoranthene	23.733	252	99946	4.548	ng	# 85
89) Benzo(k)fluoranthene	23.798	252	97448	4.333	ng	# 77
90) Benzo(a)pyrene	24.580	252	89297	4.182	ng	# 82
91) Dibenzo(a,h)anthracene	28.340	278	61848m	2.724	ng	
92) Benzo(g,h,i)perylene	29.392	276	50427m	2.283	ng	

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.952 min Scan# 84
 Delta R.T. -0.009 min
 Lab File: BG060854.D
 Acq: 10 Apr 2024 17:53

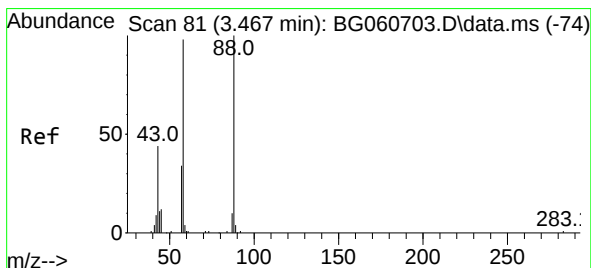
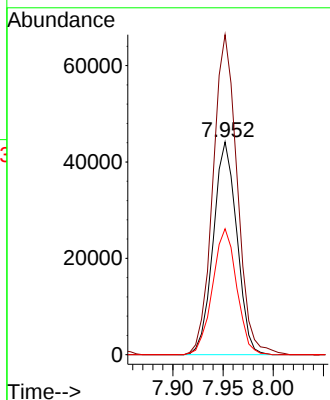
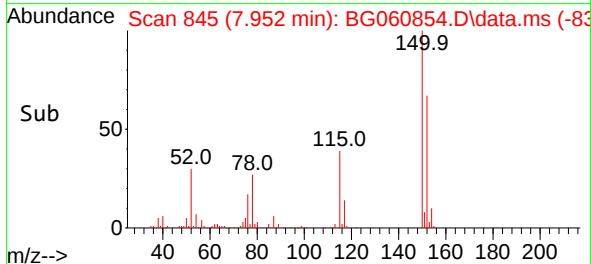
Instrument :
 BNA_G
 ClientSampleId :
 SU-03-04082024MSD



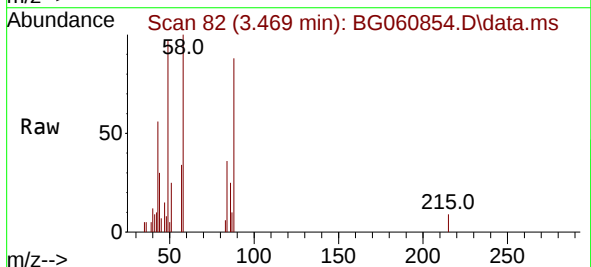
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 Ion Ratio Lower Upper
 152 100
 150 150.4 130.2 195.4
 115 59.2 51.6 77.4

Manual Integrations
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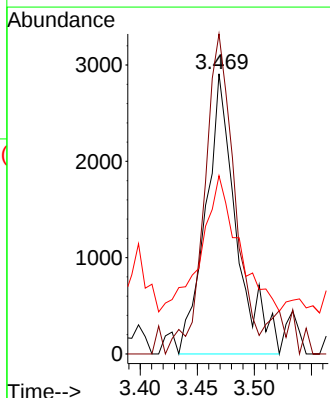
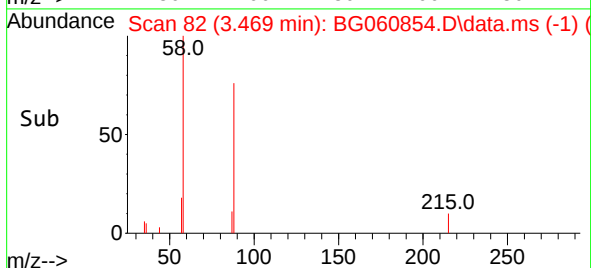
Reviewed By :Yogesh Patel 04/12/2024
 Supervised By :mohammad ahmed 04/12/2024

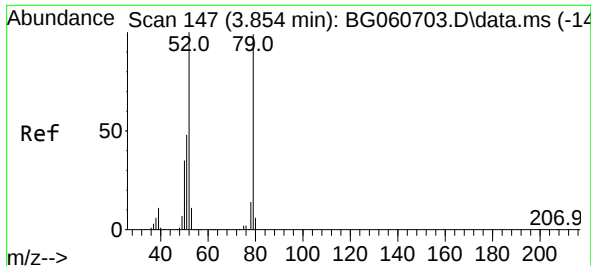


#2
 1,4-Dioxane
 Concen: 3.044 ng m
 RT: 3.469 min Scan# 82
 Delta R.T. 0.002 min
 Lab File: BG060854.D
 Acq: 10 Apr 2024 17:53



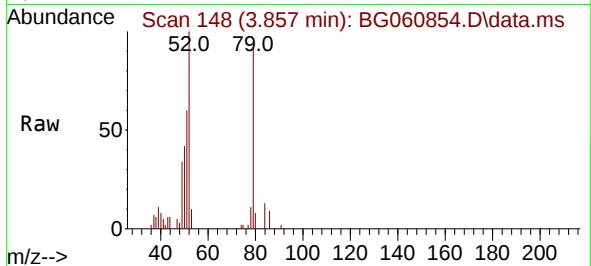
Tgt Ion: 88 Resp: 5397
 Ion Ratio Lower Upper
 88 100
 58 111.7 80.9 121.3
 43 57.4 35.4 53.0





#3
Pyridine
Concen: 2.562 ng
RT: 3.857 min Scan# 147
Delta R.T. 0.002 min
Lab File: BG060854.D
Acq: 10 Apr 2024 17:53

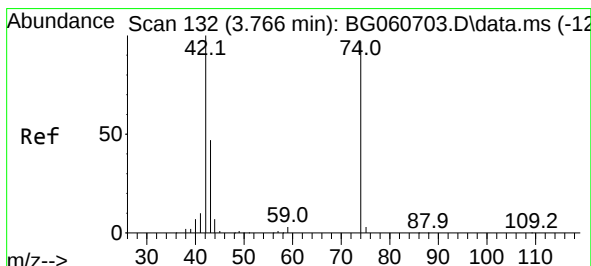
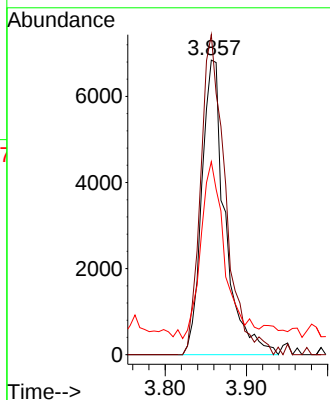
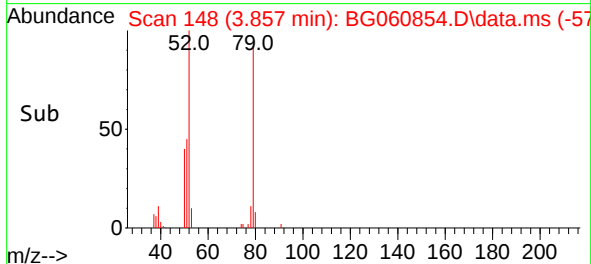
Instrument :
BNA_G
ClientSampleId :
SU-03-04082024MSD



Tgt Ion: 79 Resp: 1370
Ion Ratio Lower Upper
79 100
52 108.6 80.6 120.8
51 65.5 39.1 58.7

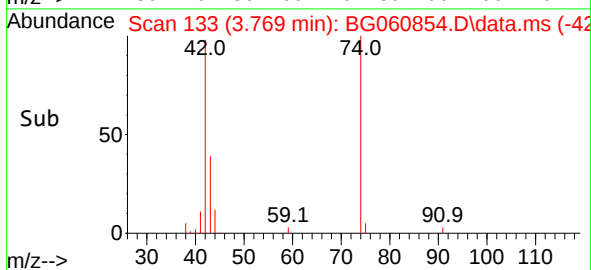
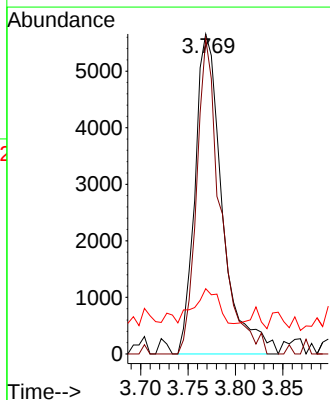
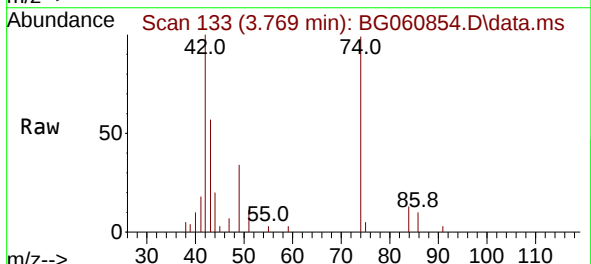
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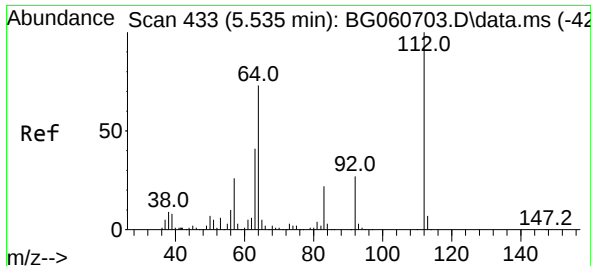
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/12/2024



#4
n-Nitrosodimethylamine
Concen: 3.551 ng
RT: 3.769 min Scan# 133
Delta R.T. 0.002 min
Lab File: BG060854.D
Acq: 10 Apr 2024 17:53

Tgt Ion: 42 Resp: 11352
Ion Ratio Lower Upper
42 100
74 98.6 77.8 116.8
44 20.4 6.8 10.2





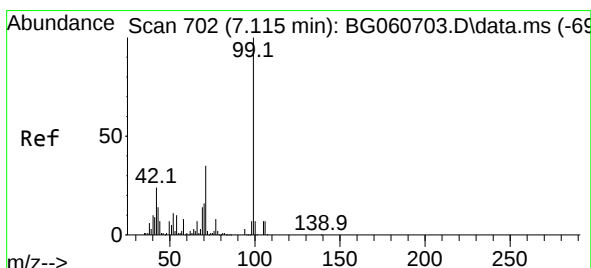
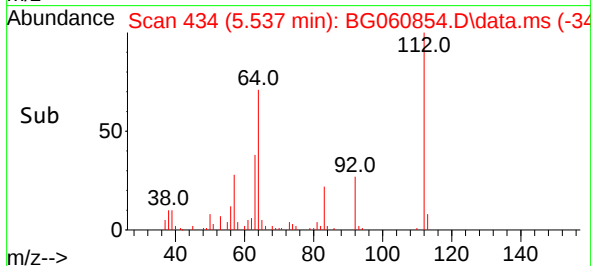
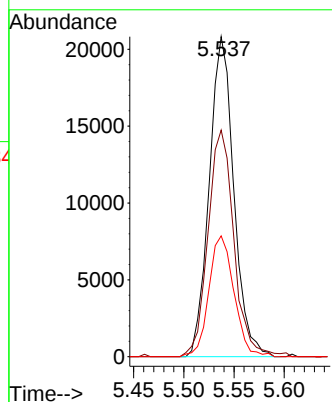
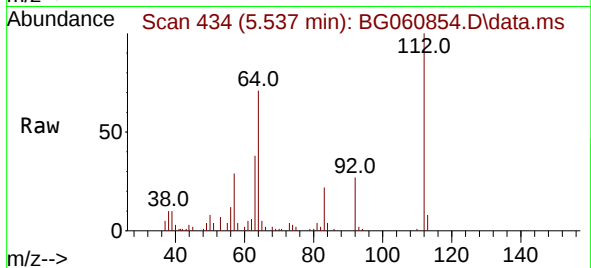
#5
2-Fluorophenol
Concen: 8.197 ng
RT: 5.537 min Scan# 433
Delta R.T. 0.002 min
Lab File: BG060854.D
Acq: 10 Apr 2024 17:53

Instrument :
BNA_G
ClientSampleId :
SU-03-04082024MSD

Tgt Ion: 112 Resp: 35450
Ion Ratio Lower Upper
112 100
64 70.8 58.4 87.6
63 37.8 32.7 49.1

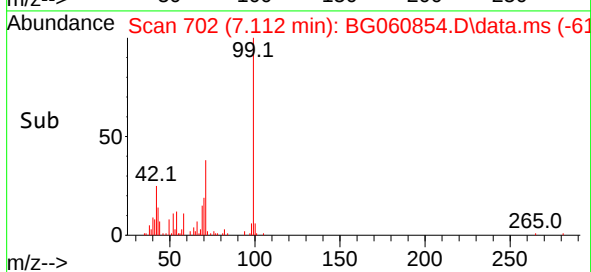
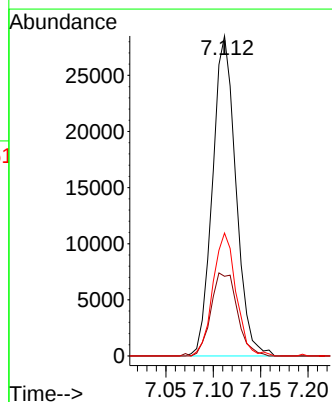
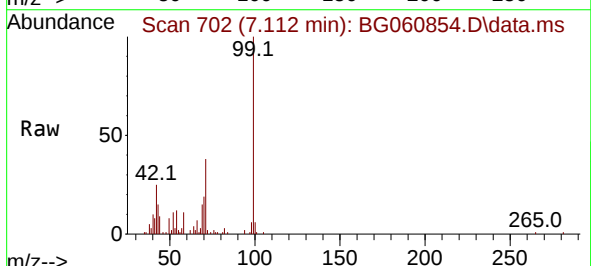
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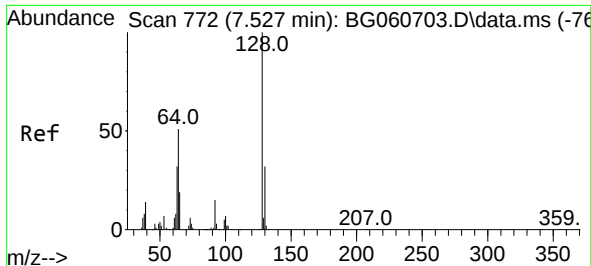
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/12/2024



#7
Phenol-d6
Concen: 7.611 ng
RT: 7.112 min Scan# 702
Delta R.T. -0.004 min
Lab File: BG060854.D
Acq: 10 Apr 2024 17:53

Tgt Ion: 99 Resp: 48860
Ion Ratio Lower Upper
99 100
42 24.9 19.4 29.2
71 38.4 28.2 42.2





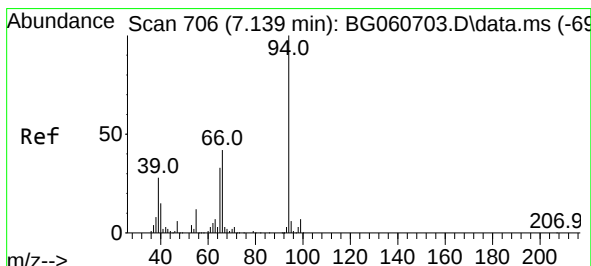
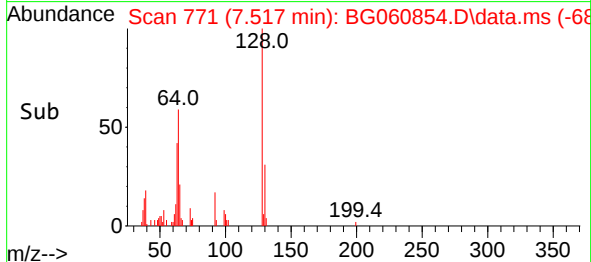
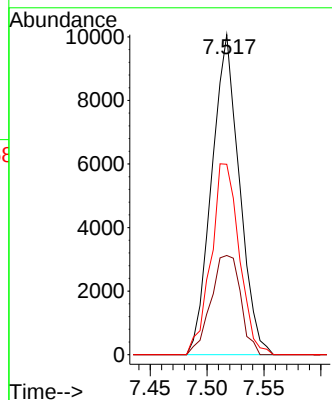
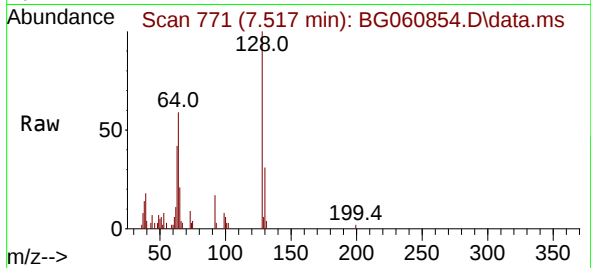
#8
2-Chlorophenol
Concen: 3.480 ng
RT: 7.517 min Scan# 71
Delta R.T. -0.009 min
Lab File: BG060854.D
Acq: 10 Apr 2024 17:53

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BNA_G
ClientSampleId :
SU-03-04082024MSD

Tgt Ion:128 Resp: 1706
Ion Ratio Lower Upper
128 100
130 31.0 12.3 52.3
64 59.5 35.0 75.0

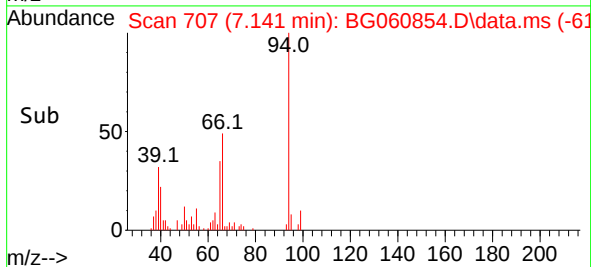
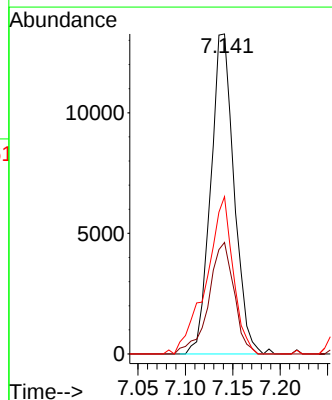
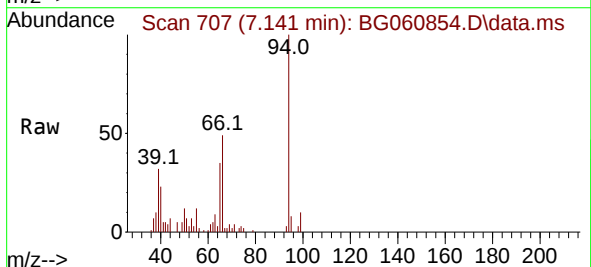
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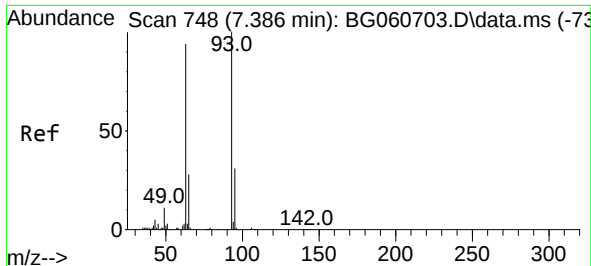
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/12/2024



#10
Phenol
Concen: 3.472 ng
RT: 7.141 min Scan# 707
Delta R.T. 0.002 min
Lab File: BG060854.D
Acq: 10 Apr 2024 17:53

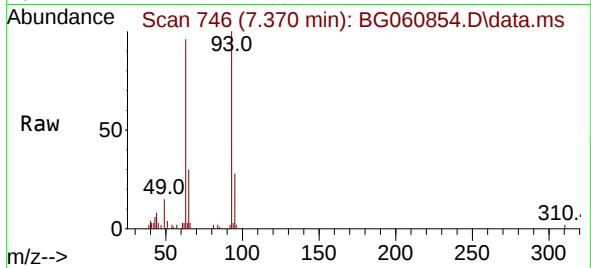
Tgt Ion: 94 Resp: 22750
Ion Ratio Lower Upper
94 100
65 34.9 13.3 53.3
66 49.2 22.9 62.9





#11
bis(2-Chloroethyl)ether
Concen: 3.284 ng
RT: 7.370 min Scan# 748
Delta R.T. -0.015 min
Lab File: BG060854.D
Acq: 10 Apr 2024 17:53

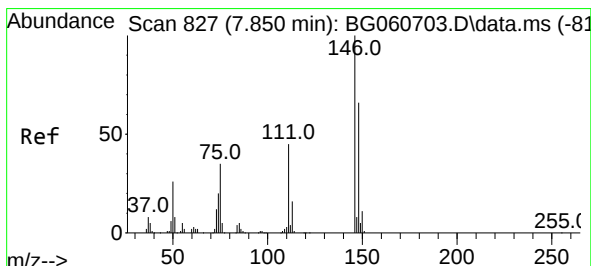
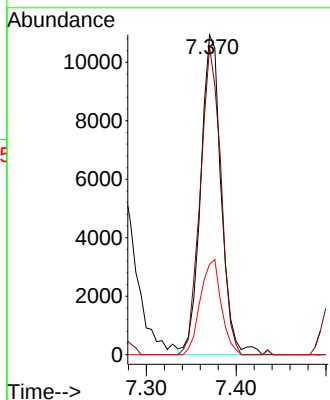
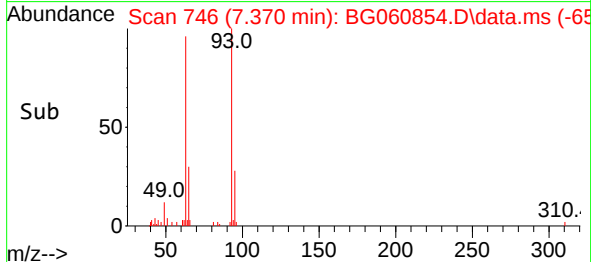
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BNA_G
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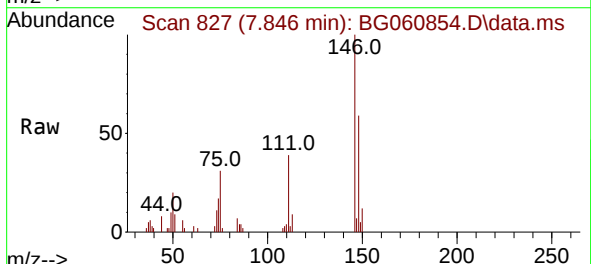
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Ion Ratio Lower Upper
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63 96.2 73.7 113.7
95 28.2 11.2 51.2

Manual Integrations
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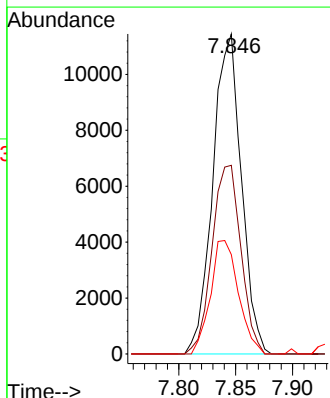
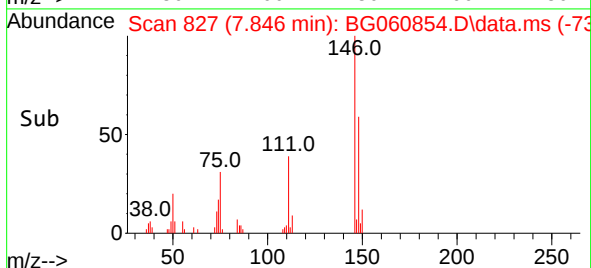
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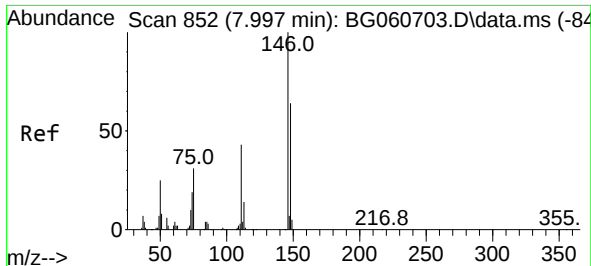


#12
1,3-Dichlorobenzene
Concen: 3.915 ng
RT: 7.846 min Scan# 827
Delta R.T. -0.004 min
Lab File: BG060854.D
Acq: 10 Apr 2024 17:53



Tgt Ion:146 Resp: 19963
Ion Ratio Lower Upper
146 100
148 59.0 53.0 79.4
75 31.1 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 3.842 ng

RT: 7.987 min Scan# 81

Delta R.T. -0.009 min

Lab File: BG060854.D

Acq: 10 Apr 2024 17:53

Instrument :

BNA_G

ClientSampleId :

SU-03-04082024MSD

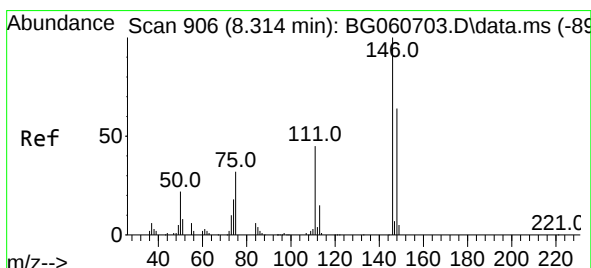
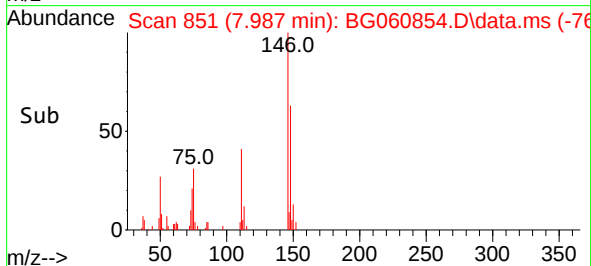
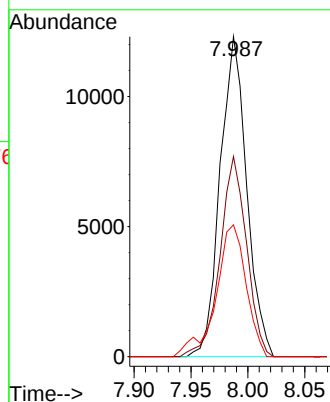
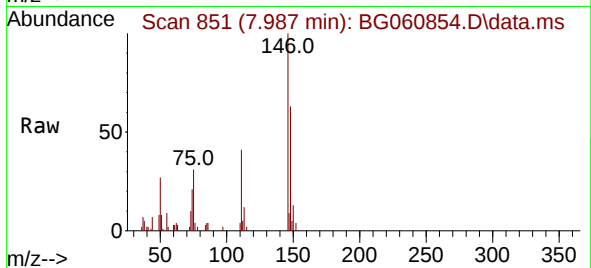
Tgt Ion:	146	Resp:	1998
Ion Ratio	Lower	Upper	
146	100		
148	62.5	51.1	76.7
111	41.2	35.0	52.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/12/2024

Supervised By :mohammad ahmed 04/12/2024



#14

1,2-Dichlorobenzene

Concen: 3.627 ng

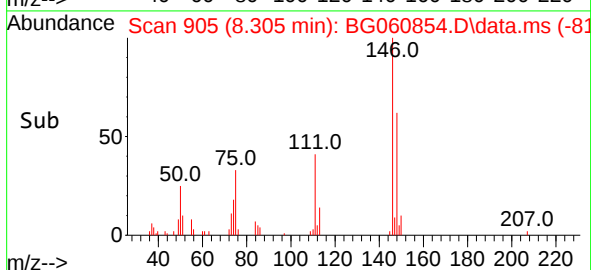
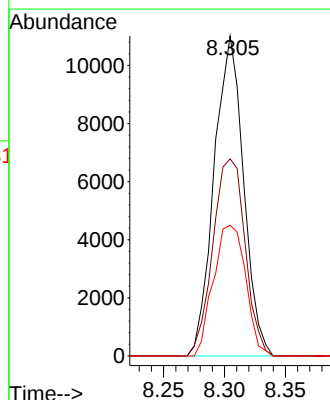
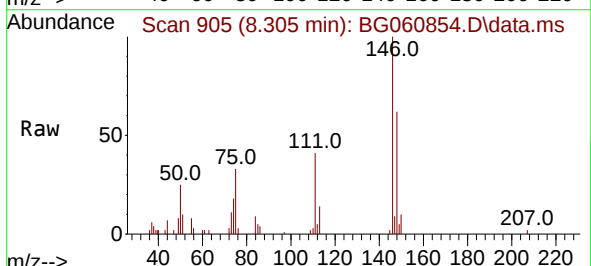
RT: 8.305 min Scan# 905

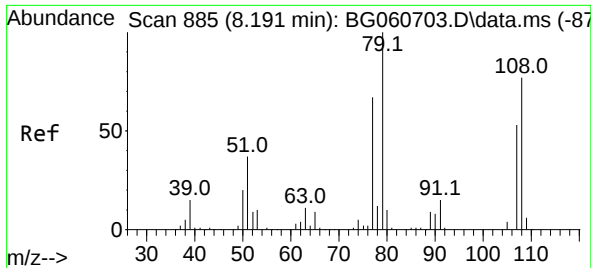
Delta R.T. -0.009 min

Lab File: BG060854.D

Acq: 10 Apr 2024 17:53

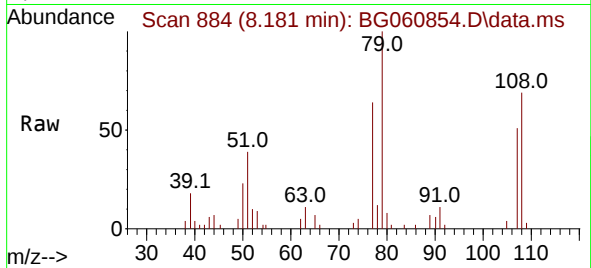
Tgt Ion:	146	Resp:	18487
Ion Ratio	Lower	Upper	
146	100		
148	61.6	51.0	76.6
111	40.8	36.0	54.0





#15
Benzyl Alcohol
Concen: 3.187 ng
RT: 8.181 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG060854.D
Acq: 10 Apr 2024 17:53

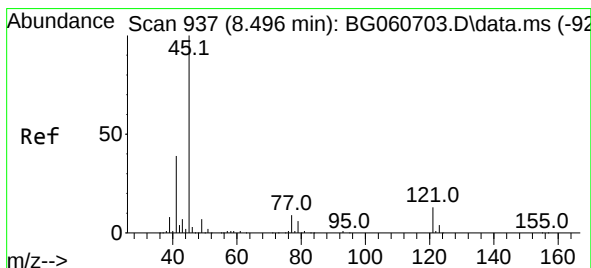
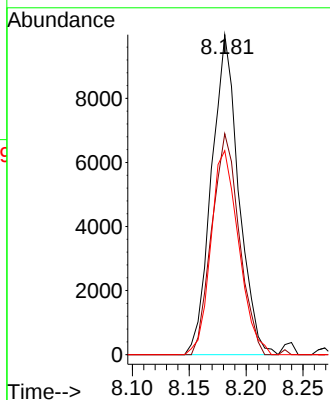
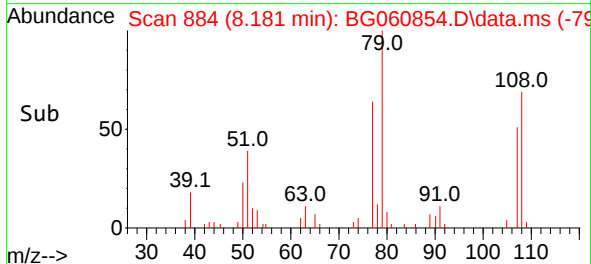
Instrument :
BNA_G
ClientSampleId :
SU-03-04082024MSD



Tgt Ion: 79 Resp: 1657
Ion Ratio Lower Upper
79 100
108 69.0 61.4 92.0
77 63.7 53.6 80.4

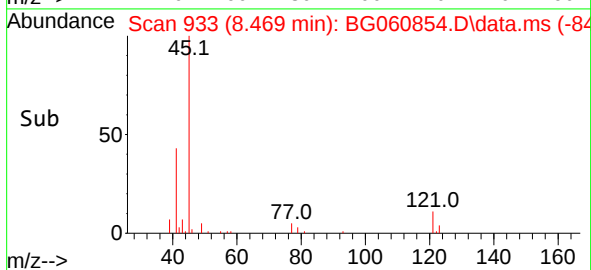
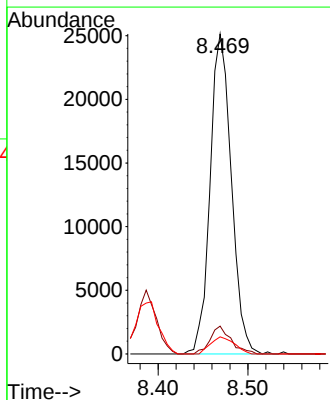
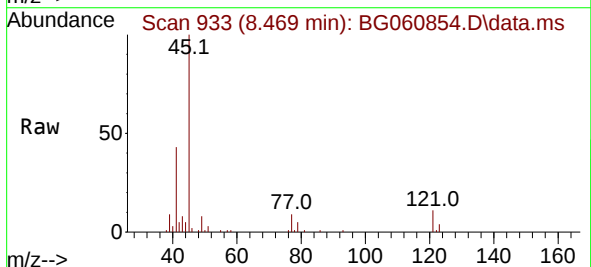
Manual Integrations
APPROVED

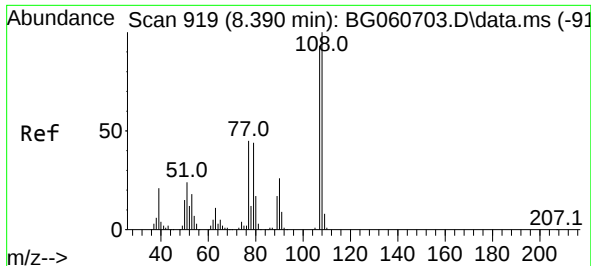
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/12/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.459 ng
RT: 8.469 min Scan# 933
Delta R.T. -0.027 min
Lab File: BG060854.D
Acq: 10 Apr 2024 17:53

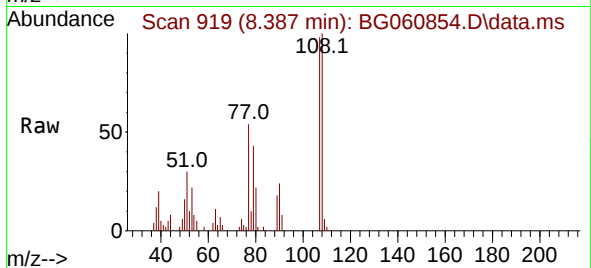
Tgt Ion: 45 Resp: 41292
Ion Ratio Lower Upper
45 100
77 8.7 0.0 29.1
79 5.3 0.0 26.5





#17
2-Methylphenol
Concen: 3.063 ng
RT: 8.387 min Scan# 919
Delta R.T. -0.004 min
Lab File: BG060854.D
Acq: 10 Apr 2024 17:53

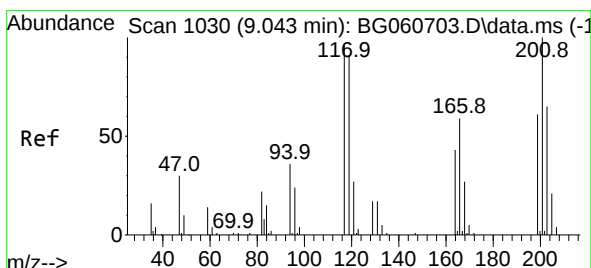
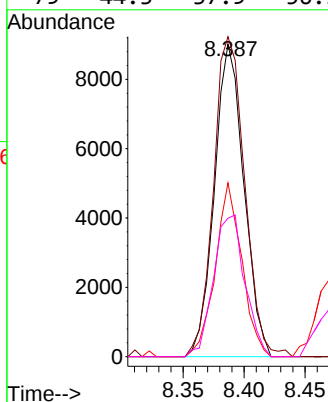
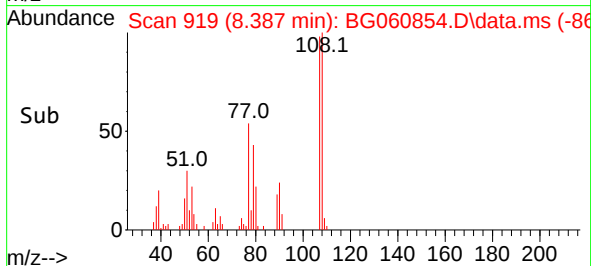
Instrument :
BNA_G
ClientSampleId :
SU-03-04082024MSD



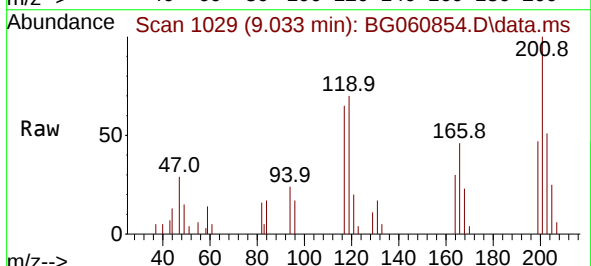
Tgt Ion:	107	Resp:	1514
Ion	Ratio	Lower	Upper
107	100		
108	102.4	86.4	129.6
77	55.6	38.6	58.0
79	44.3	37.9	56.9

Manual Integrations
APPROVED

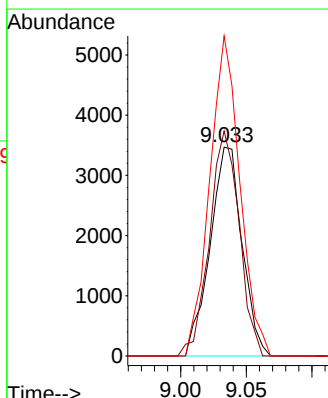
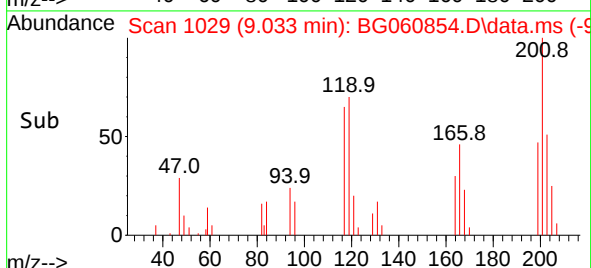
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/12/2024

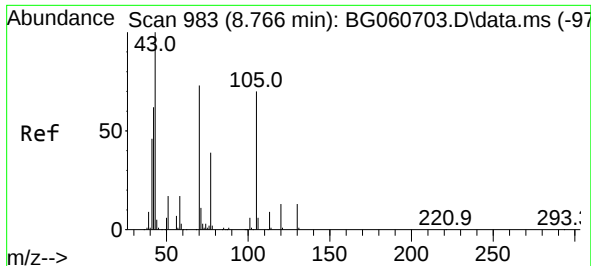


#18
Hexachloroethane
Concen: 3.182 ng
RT: 9.033 min Scan# 1029
Delta R.T. -0.009 min
Lab File: BG060854.D
Acq: 10 Apr 2024 17:53



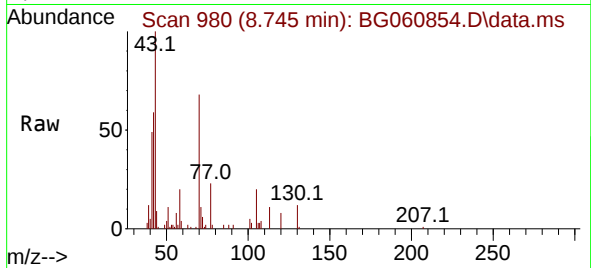
Tgt Ion:	117	Resp:	5878
Ion	Ratio	Lower	Upper
117	100		
119	107.8	75.7	113.5
201	153.2	83.4	125.2





#19
n-Nitroso-di-n-propylamine
Concen: 2.953 ng
RT: 8.745 min Scan# 91
Delta R.T. -0.021 min
Lab File: BG060854.D
Acq: 10 Apr 2024 17:53

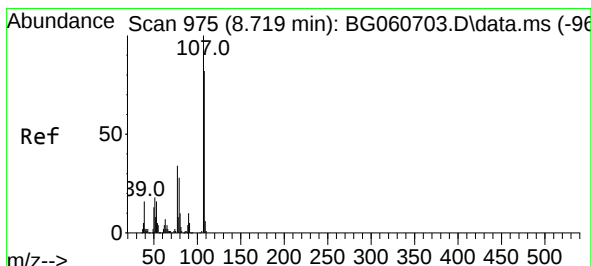
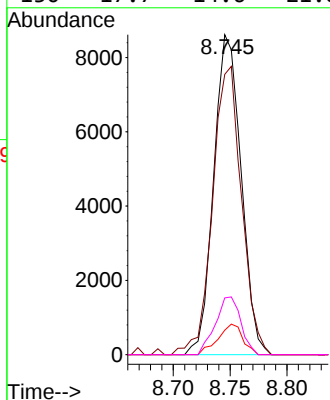
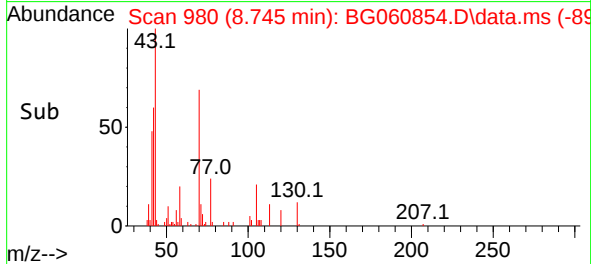
Instrument :
BNA_G
ClientSampleId :
SU-03-04082024MSD



Tgt Ion: 70 Resp: 1445
Ion Ratio Lower Upper
70 100
42 87.6 68.4 102.6
101 7.7 6.1 9.1
130 17.7 14.6 21.8

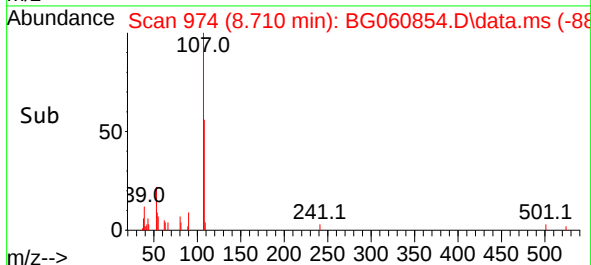
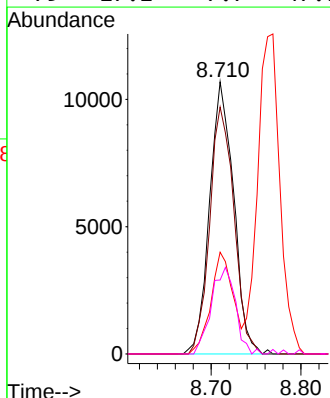
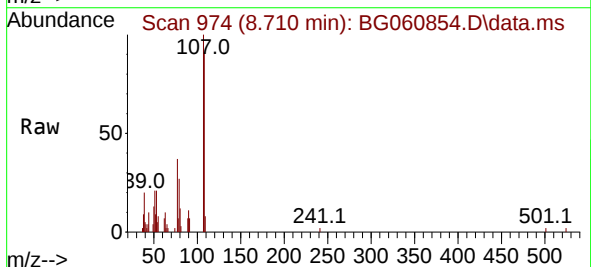
Manual Integrations
APPROVED

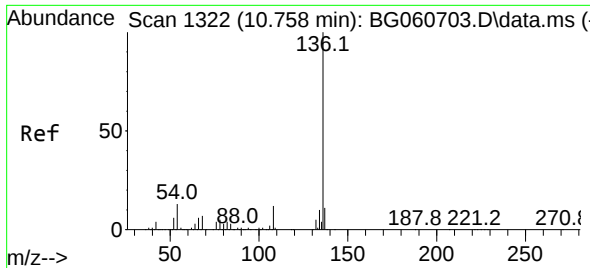
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/12/2024



#20
3+4-Methylphenols
Concen: 2.931 ng
RT: 8.710 min Scan# 974
Delta R.T. -0.009 min
Lab File: BG060854.D
Acq: 10 Apr 2024 17:53

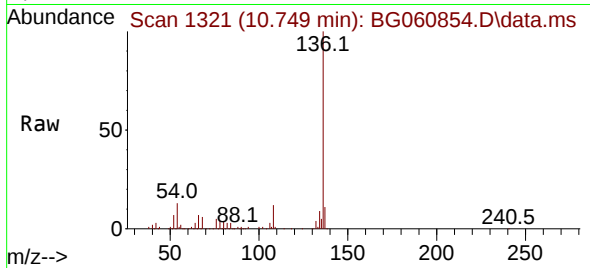
Tgt Ion:107 Resp: 19850
Ion Ratio Lower Upper
107 100
108 90.7 62.2 102.2
77 37.4 14.1 54.1
79 27.2 7.7 47.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.749 min Scan# 1321
Delta R.T. -0.009 min
Lab File: BG060854.D
Acq: 10 Apr 2024 17:53

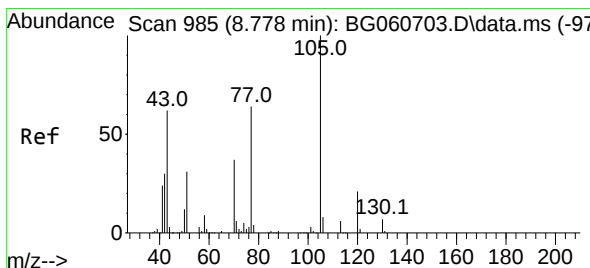
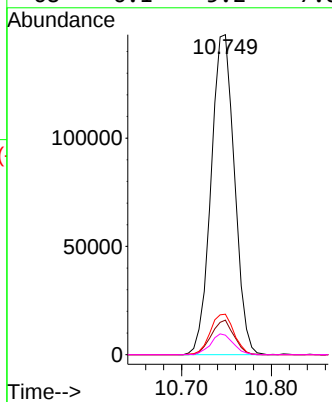
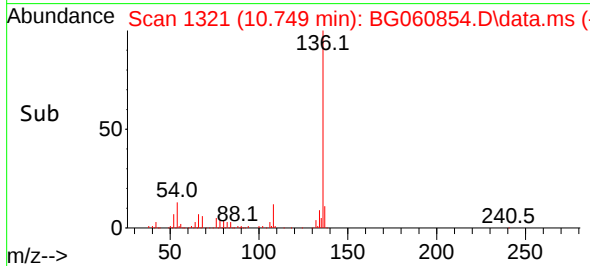
Instrument : BNA_G
ClientSampleId : SU-03-04082024MSD



Tgt Ion:136 Resp: 26723
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 12.7 10.2 15.2
68 6.1 5.2 7.8

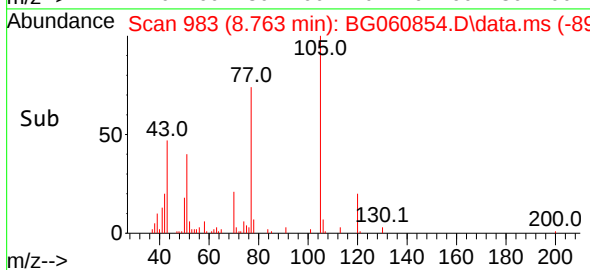
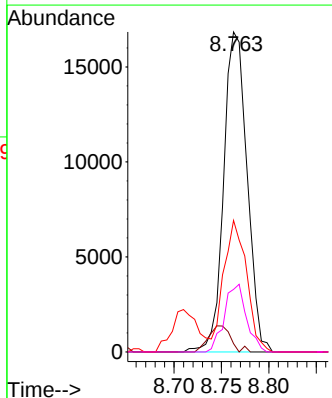
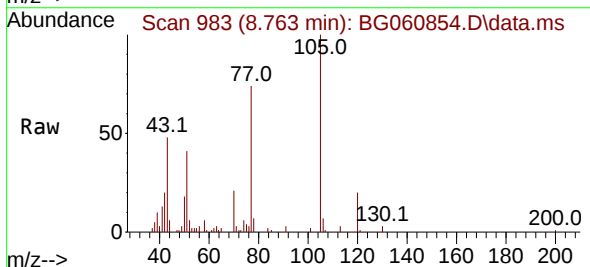
Manual Integrations
APPROVED

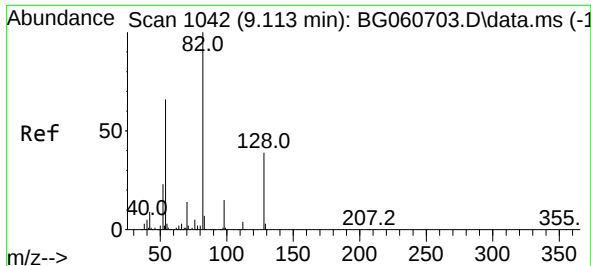
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/12/2024



#22
Acetophenone
Concen: 3.936 ng
RT: 8.763 min Scan# 983
Delta R.T. -0.015 min
Lab File: BG060854.D
Acq: 10 Apr 2024 17:53

Tgt Ion:105 Resp: 29003
Ion Ratio Lower Upper
105 100
71 2.6 4.9 7.3#
51 41.1 31.1 46.7
120 19.5 17.0 25.4





#23

Nitrobenzene-d5

Concen: 7.103 ng

RT: 9.098 min Scan# 1040

Delta R.T. -0.015 min

Lab File: BG060854.D

Acq: 10 Apr 2024 17:53

Instrument :

BNA_G

ClientSampleId :

SU-03-04082024MSD

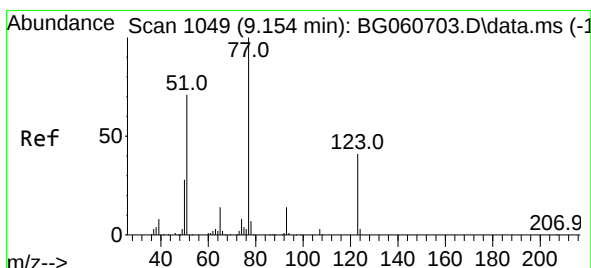
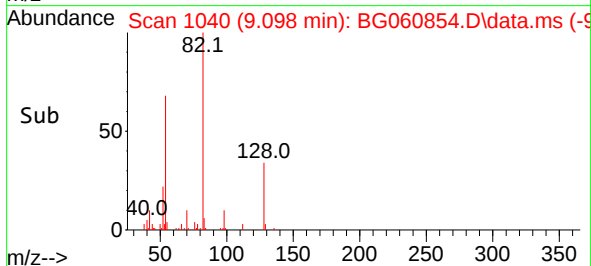
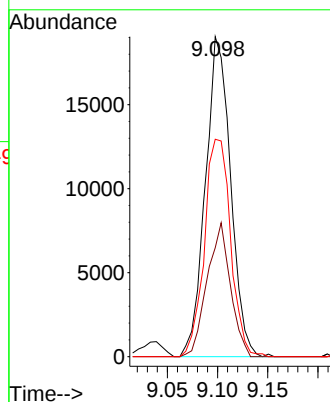
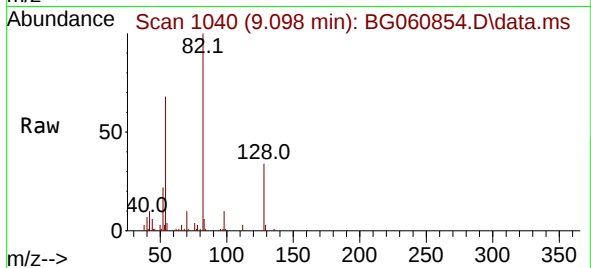
Tgt Ion: 82	Resp: 3326
Ion Ratio	Lower Upper
82 100	
128 34.1	31.2 46.8
54 67.9	53.2 79.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/12/2024

Supervised By :mohammad ahmed 04/12/2024



#24

Nitrobenzene

Concen: 6.388 ng

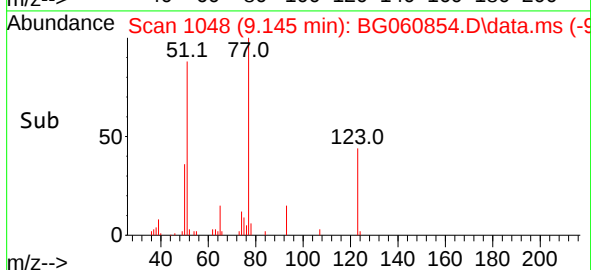
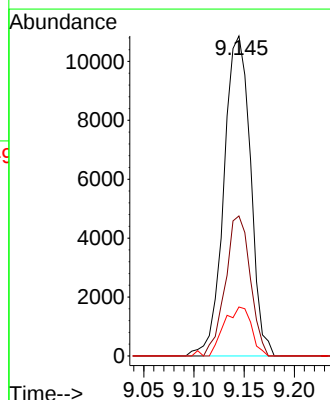
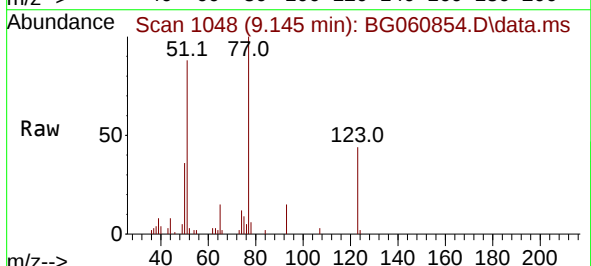
RT: 9.145 min Scan# 1048

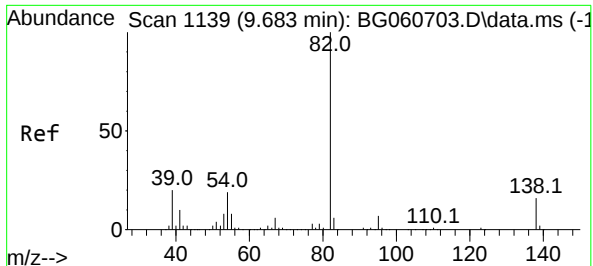
Delta R.T. -0.009 min

Lab File: BG060854.D

Acq: 10 Apr 2024 17:53

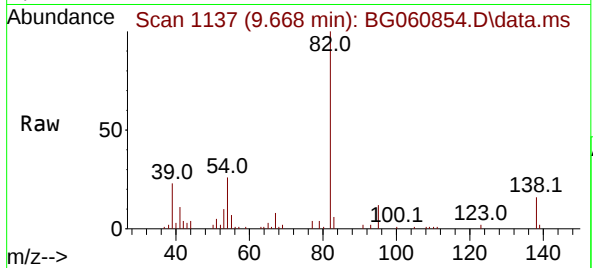
Tgt Ion: 77	Resp: 20000
Ion Ratio	Lower Upper
77 100	
123 43.8	32.7 49.1
65 15.3	11.3 16.9





#25
Isophorone
Concen: 3.475 ng
RT: 9.668 min Scan# 1139
Delta R.T. -0.015 min
Lab File: BG060854.D
Acq: 10 Apr 2024 17:53

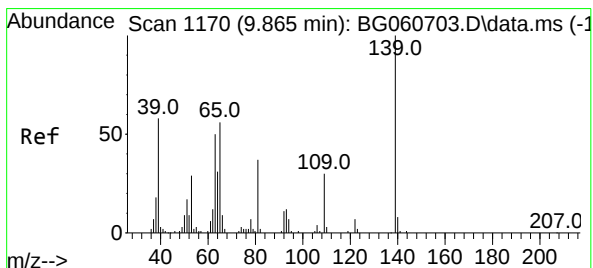
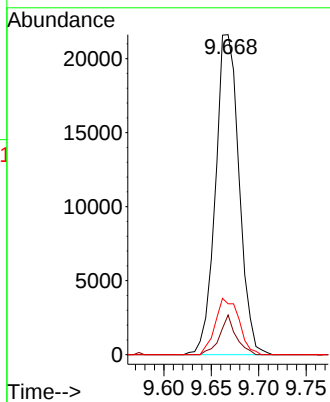
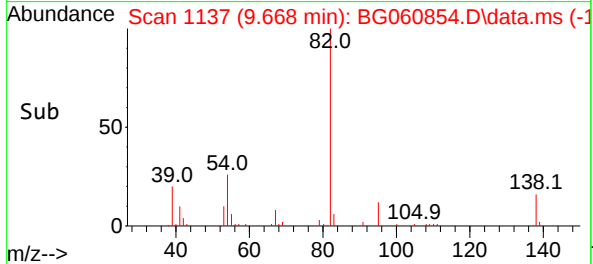
Instrument :
BNA_G
ClientSampleId :
SU-03-04082024MSD



Tgt Ion: 82 Resp: 37480
Ion Ratio Lower Upper
82 100
95 12.4 5.8 8.8
138 15.9 13.0 19.4

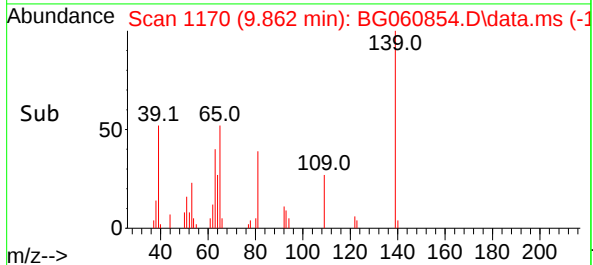
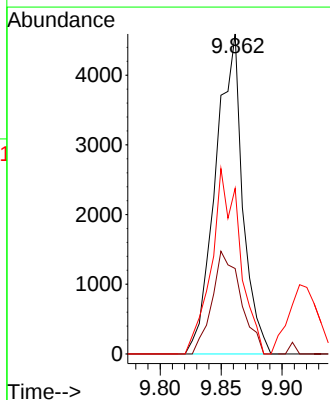
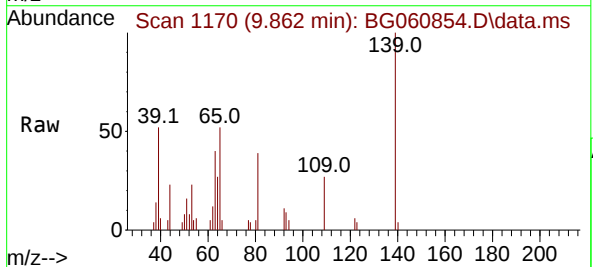
Manual Integrations
APPROVED

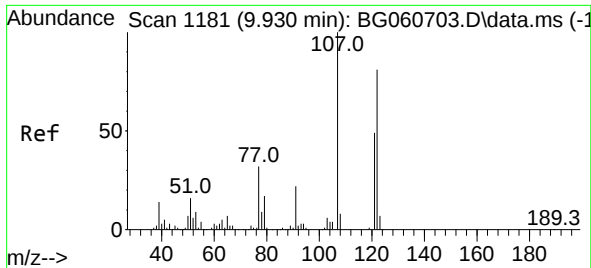
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/12/2024



#26
2-Nitrophenol
Concen: 7.159 ng
RT: 9.862 min Scan# 1170
Delta R.T. -0.003 min
Lab File: BG060854.D
Acq: 10 Apr 2024 17:53

Tgt Ion:139 Resp: 7111
Ion Ratio Lower Upper
139 100
109 26.7 23.9 35.9
65 51.7 44.5 66.7





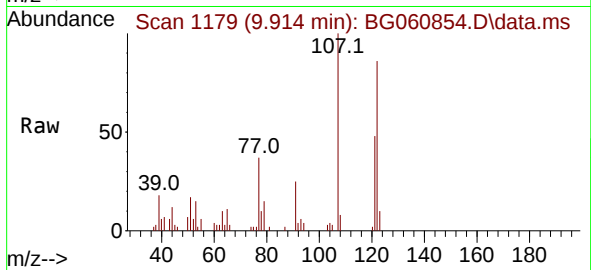
#27
2,4-Dimethylphenol
Concen: 2.859 ng
RT: 9.914 min Scan# 1181
Delta R.T. -0.016 min
Lab File: BG060854.D
Acq: 10 Apr 2024 17:53

Instrument :

BNA_G

ClientSampleId :

SU-03-04082024MSD



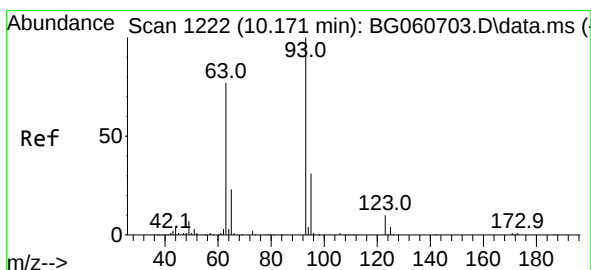
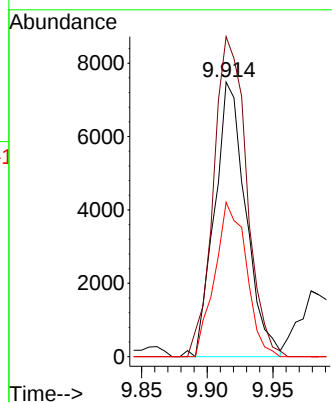
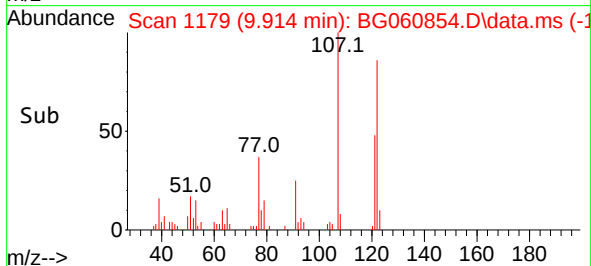
Tgt Ion:122 Resp: 1238
Ion Ratio Lower Upper
122 100
107 116.5 98.6 147.8
121 56.2 48.1 72.1

Manual Integrations

APPROVED

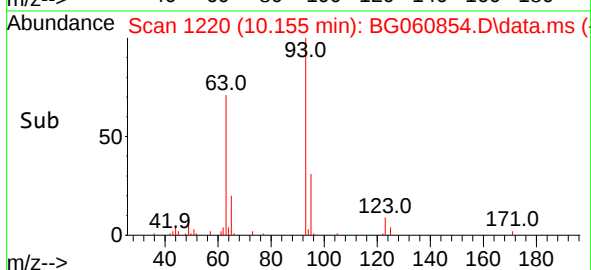
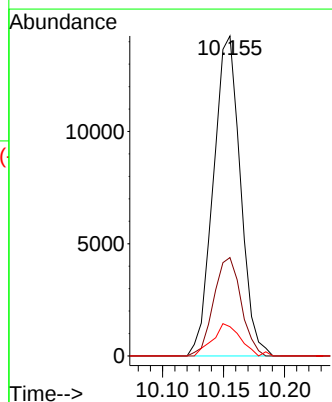
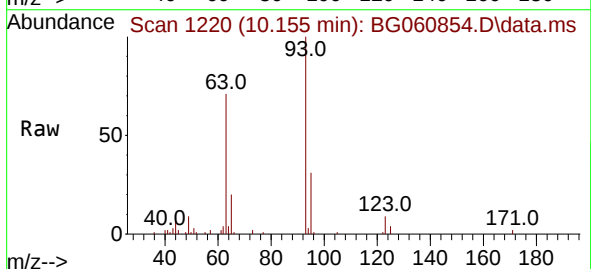
Reviewed By :Yogesh Patel 04/12/2024

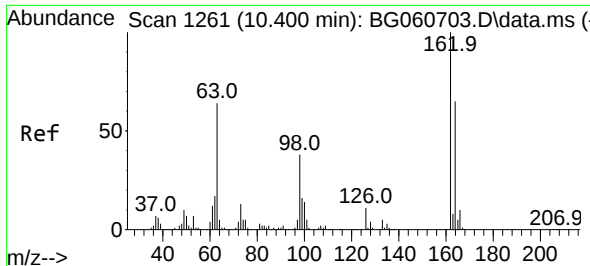
Supervised By :mohammad ahmed 04/12/2024



#28
bis(2-Chloroethoxy)methane
Concen: 3.448 ng
RT: 10.155 min Scan# 1220
Delta R.T. -0.015 min
Lab File: BG060854.D
Acq: 10 Apr 2024 17:53

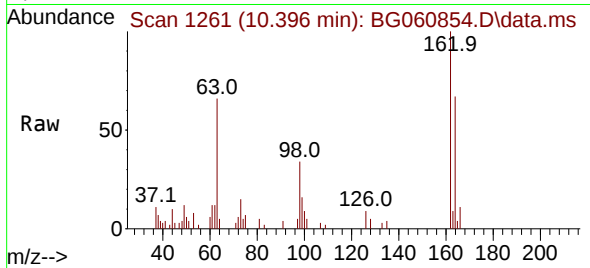
Tgt Ion: 93 Resp: 21960
Ion Ratio Lower Upper
93 100
95 30.7 25.1 37.7
123 9.2 8.0 12.0





#29
2,4-Dichlorophenol
Concen: 3.869 ng
RT: 10.396 min Scan# 1261
Delta R.T. -0.004 min
Lab File: BG060854.D
Acq: 10 Apr 2024 17:53

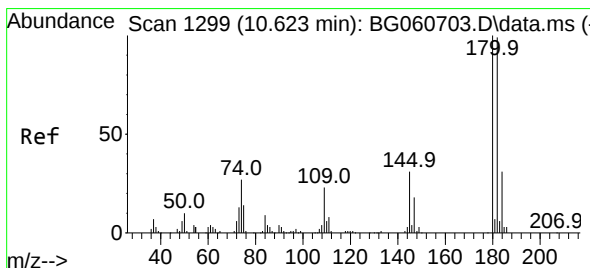
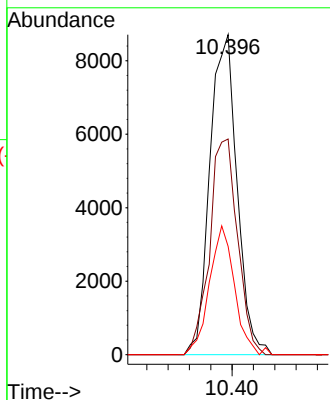
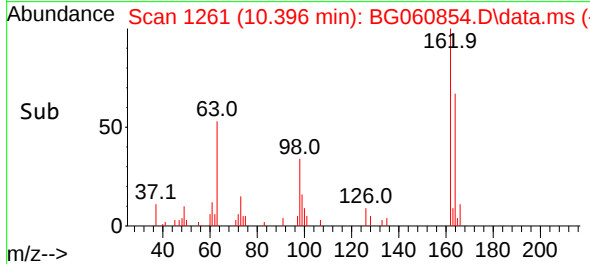
Instrument :
BNA_G
ClientSampleId :
SU-03-04082024MSD



Tgt Ion:162 Resp: 1539
Ion Ratio Lower Upper
162 100
164 67.4 45.2 85.2
98 33.9 17.7 57.7

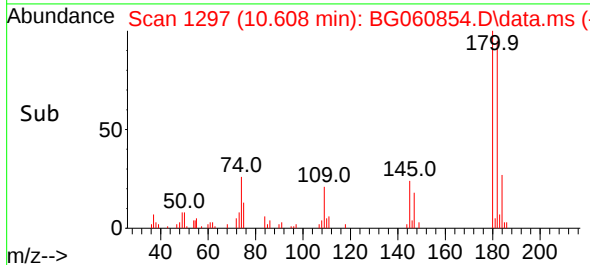
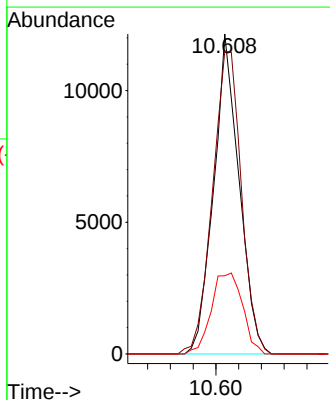
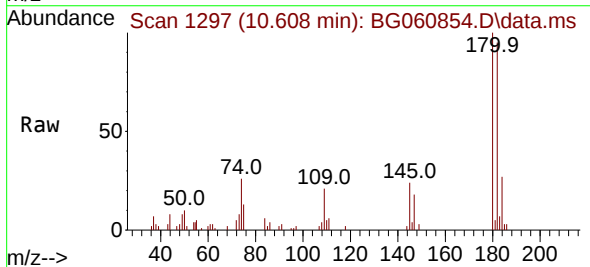
Manual Integrations
APPROVED

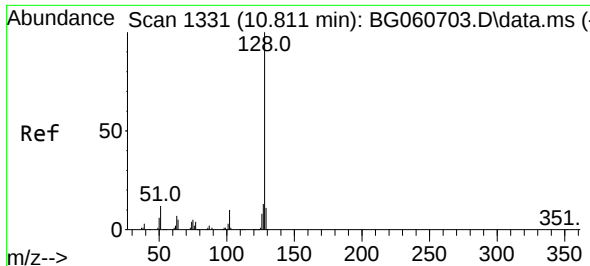
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/12/2024



#30
1,2,4-Trichlorobenzene
Concen: 4.190 ng
RT: 10.608 min Scan# 1297
Delta R.T. -0.015 min
Lab File: BG060854.D
Acq: 10 Apr 2024 17:53

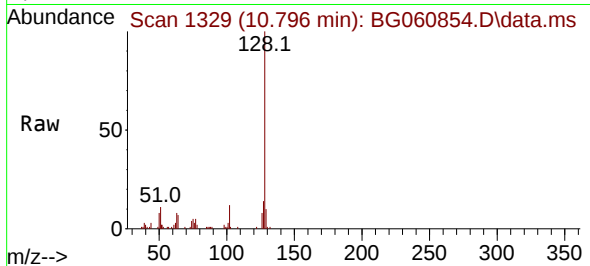
Tgt Ion:180 Resp: 18876
Ion Ratio Lower Upper
180 100
182 94.5 79.0 118.4
145 24.4 24.9 37.3#





#31
Naphthalene
Concen: 3.800 ng
RT: 10.796 min Scan# 1190
Delta R.T. -0.015 min
Lab File: BG060854.D
Acq: 10 Apr 2024 17:53

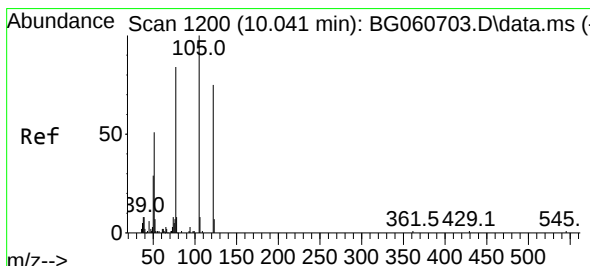
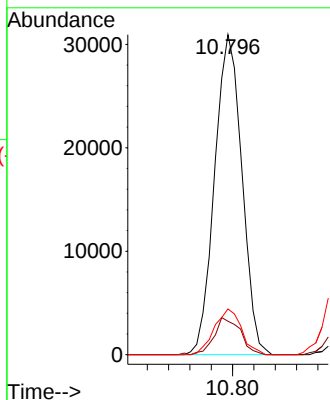
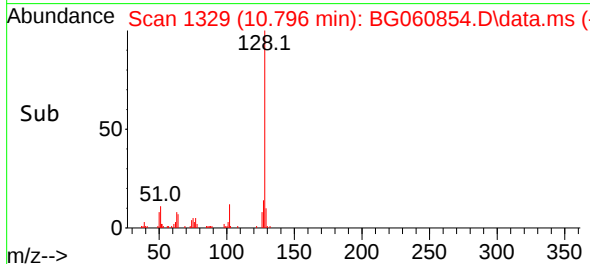
Instrument :
BNA_G
ClientSampleId :
SU-03-04082024MSD



Tgt Ion:128 Resp: 5493
Ion Ratio Lower Upper
128 100
129 10.4 8.5 12.7
127 14.3 10.5 15.7

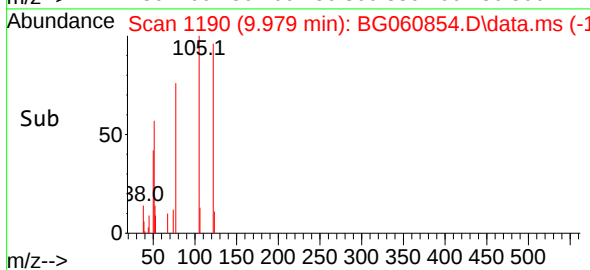
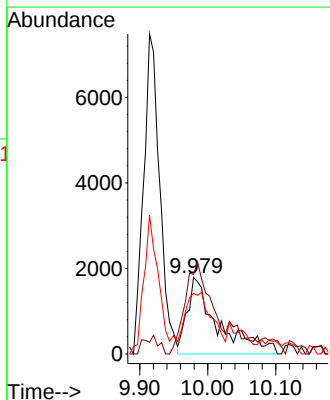
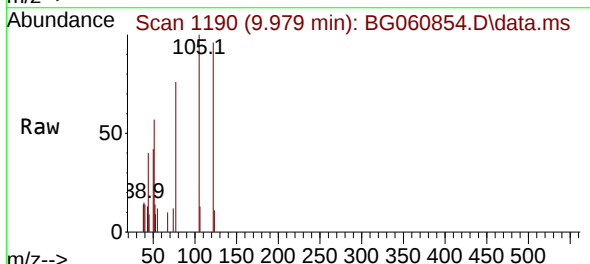
Manual Integrations
APPROVED

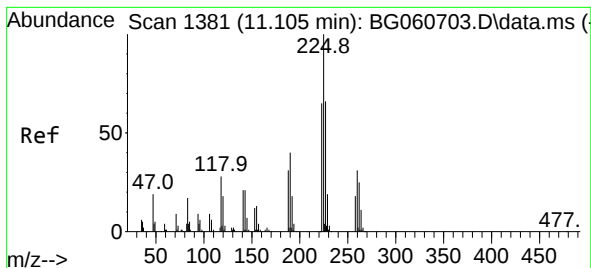
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/12/2024



#32
Benzoic acid
Concen: 8.507 ng m
RT: 9.979 min Scan# 1190
Delta R.T. -0.062 min
Lab File: BG060854.D
Acq: 10 Apr 2024 17:53

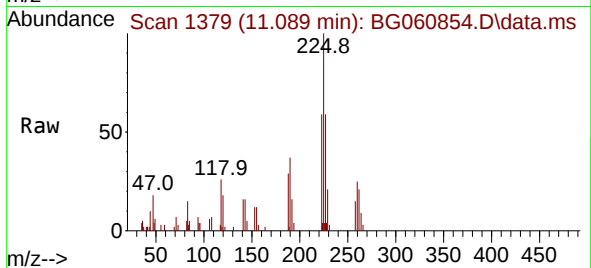
Tgt Ion:122 Resp: 5618
Ion Ratio Lower Upper
122 100
105 103.9 104.5 144.5#
77 79.2 85.3 125.3#





#34
Hexachlorobutadiene
Concen: 4.798 ng
RT: 11.089 min Scan# 11
Delta R.T. -0.015 min
Lab File: BG060854.D
Acq: 10 Apr 2024 17:53

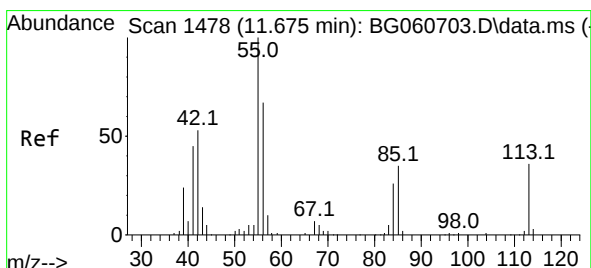
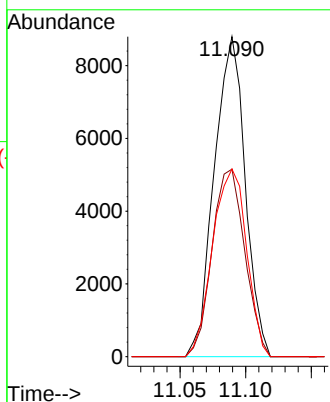
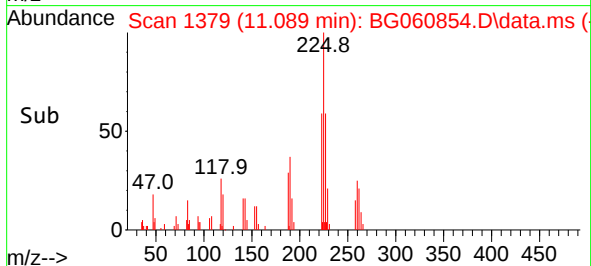
Instrument :
BNA_G
ClientSampleId :
SU-03-04082024MSD



Tgt Ion:225 Resp: 14400
Ion Ratio Lower Upper
225 100
223 62.2 52.0 78.0
227 58.6 52.5 78.7

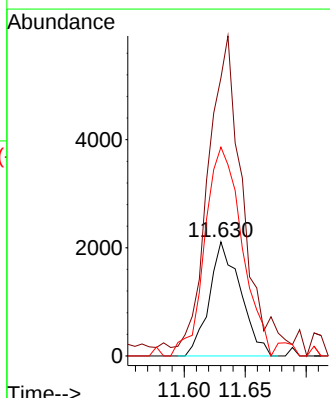
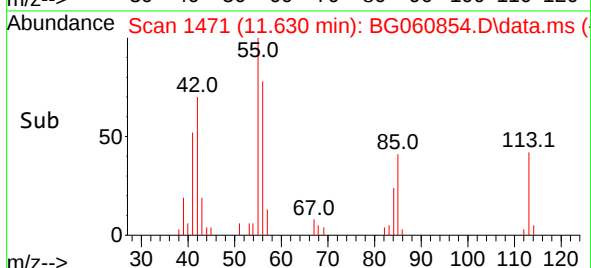
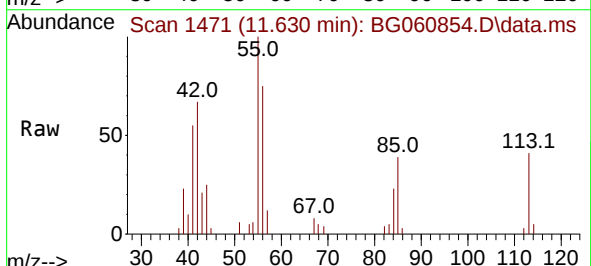
Manual Integrations
APPROVED

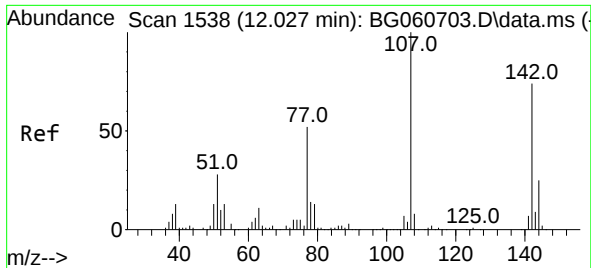
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/12/2024



#35
Caprolactam
Concen: 2.378 ng
RT: 11.630 min Scan# 1471
Delta R.T. -0.045 min
Lab File: BG060854.D
Acq: 10 Apr 2024 17:53

Tgt Ion:113 Resp: 3748
Ion Ratio Lower Upper
113 100
55 243.9 258.0 298.0#
56 183.1 166.3 206.3





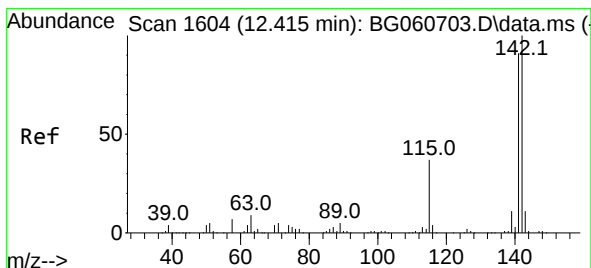
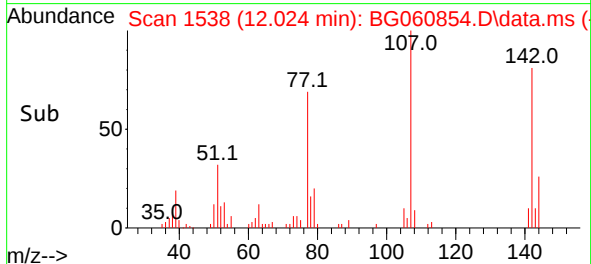
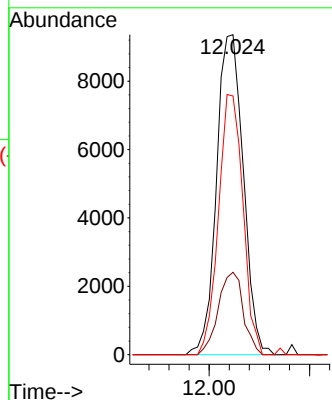
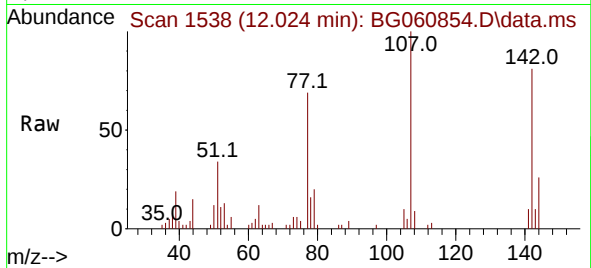
#36
4-Chloro-3-methylphenol
Concen: 3.408 ng
RT: 12.024 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG060854.D
Acq: 10 Apr 2024 17:53

Instrument :
BNA_G
ClientSampleId :
SU-03-04082024MSD

Tgt Ion:107 Resp: 1732
Ion Ratio Lower Upper
107 100
144 25.8 20.0 30.0
142 80.8 59.2 88.8

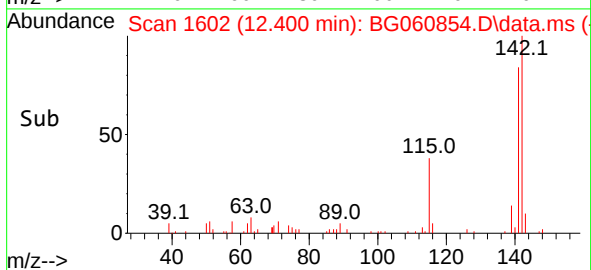
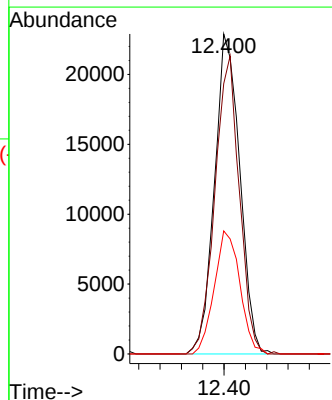
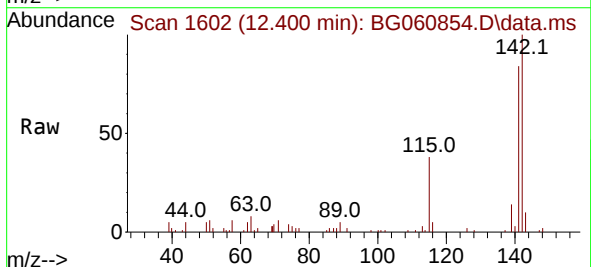
Manual Integrations
APPROVED

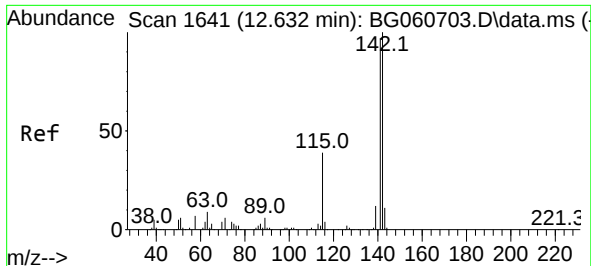
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/12/2024



#37
2-Methylnaphthalene
Concen: 3.540 ng
RT: 12.400 min Scan# 1602
Delta R.T. -0.015 min
Lab File: BG060854.D
Acq: 10 Apr 2024 17:53

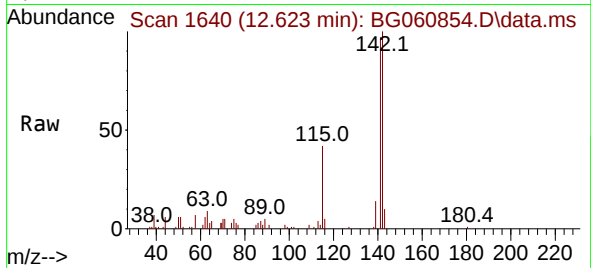
Tgt Ion:142 Resp: 37617
Ion Ratio Lower Upper
142 100
141 84.5 72.7 109.1
115 38.5 29.9 44.9





#38
1-Methylnaphthalene
Concen: 3.377 ng
RT: 12.623 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG060854.D
Acq: 10 Apr 2024 17:53

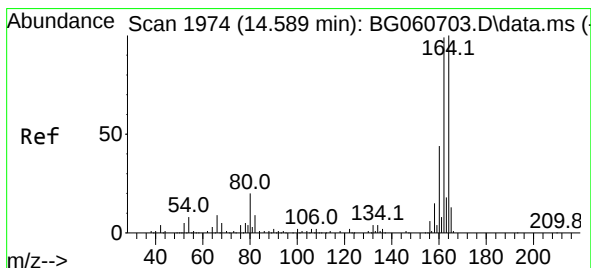
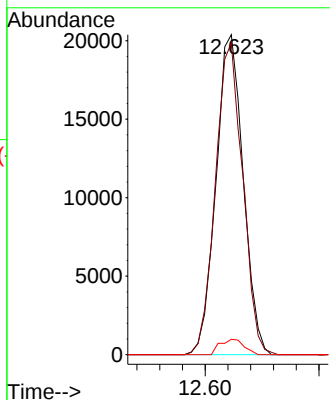
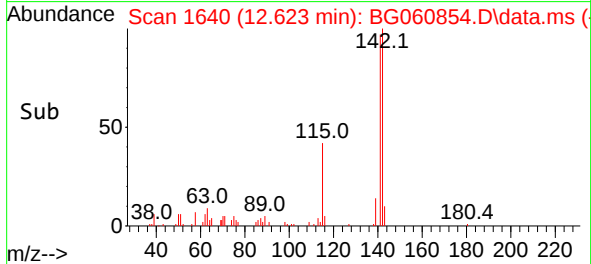
Instrument :
BNA_G
ClientSampleId :
SU-03-04082024MSD



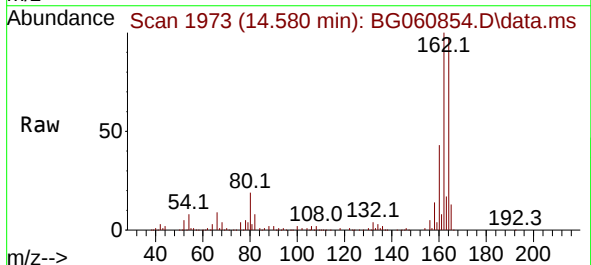
Tgt Ion:142 Resp: 3390
Ion Ratio Lower Upper
142 100
141 97.4 77.7 116.5
116 4.8 3.4 5.2

Manual Integrations
APPROVED

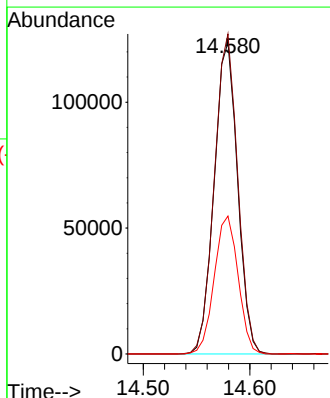
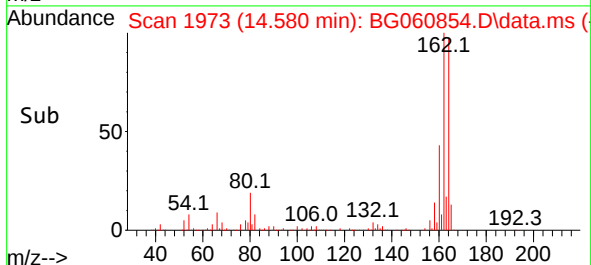
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/12/2024

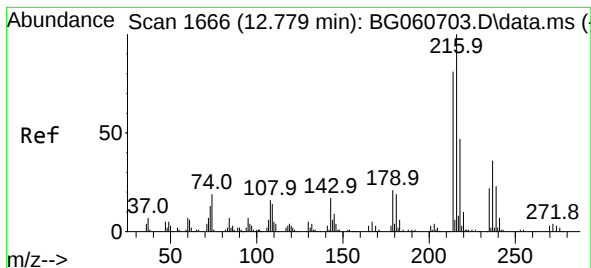


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.580 min Scan# 1973
Delta R.T. -0.009 min
Lab File: BG060854.D
Acq: 10 Apr 2024 17:53



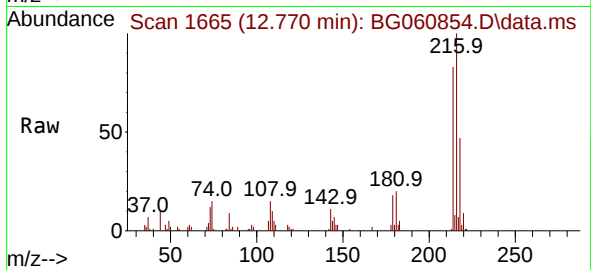
Tgt Ion:164 Resp: 188796
Ion Ratio Lower Upper
164 100
162 102.7 79.5 119.3
160 44.2 35.4 53.0





#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.342 ng
RT: 12.770 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG060854.D
Acq: 10 Apr 2024 17:53

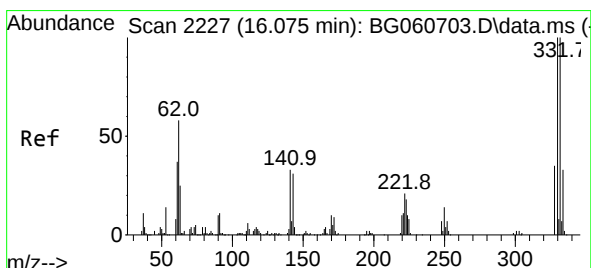
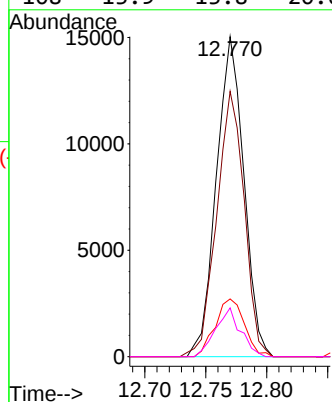
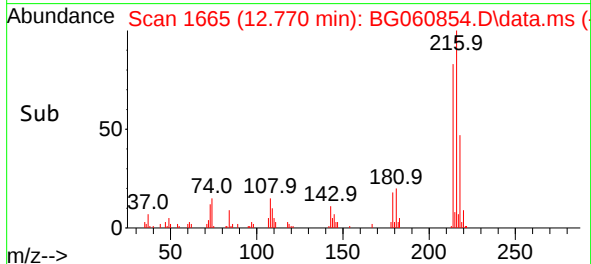
Instrument :
BNA_G
ClientSampleId :
SU-03-04082024MSD



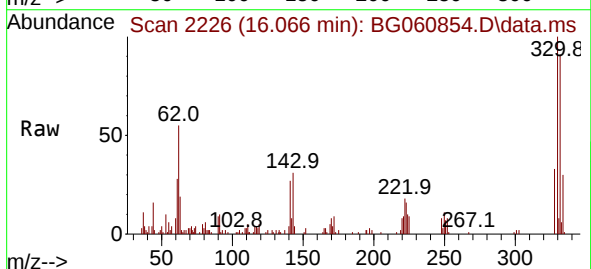
Tgt Ion: 216 Resp: 2356
Ion Ratio Lower Upper
216 100
214 82.8 63.1 94.7
179 19.2 16.7 25.1
108 13.9 13.8 20.6

Manual Integrations
APPROVED

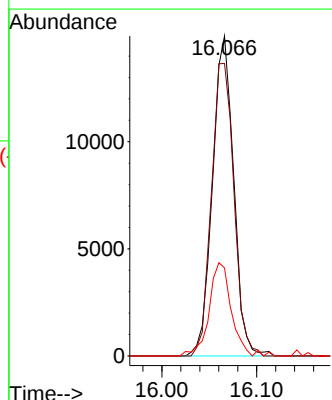
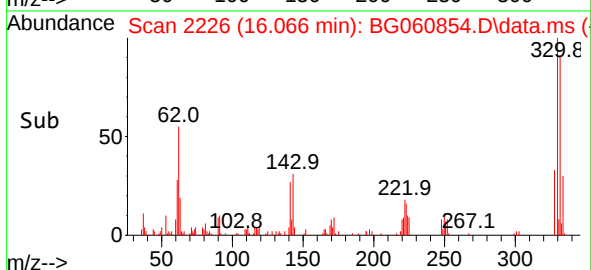
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/12/2024

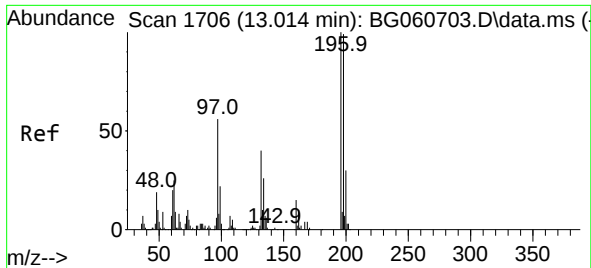


#42
2,4,6-Tribromophenol
Concen: 10.816 ng
RT: 16.066 min Scan# 2226
Delta R.T. -0.009 min
Lab File: BG060854.D
Acq: 10 Apr 2024 17:53



Tgt Ion: 330 Resp: 23181
Ion Ratio Lower Upper
330 100
332 97.0 78.2 117.4
141 30.1 27.0 40.6





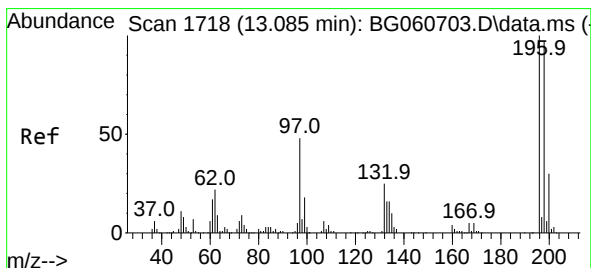
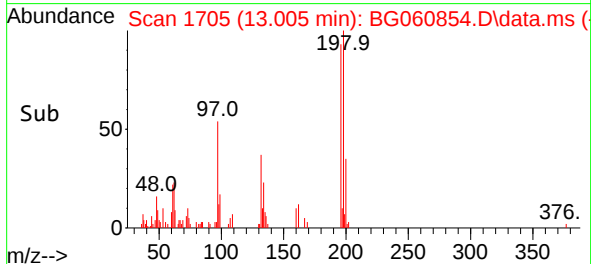
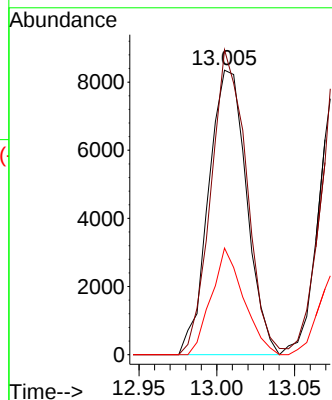
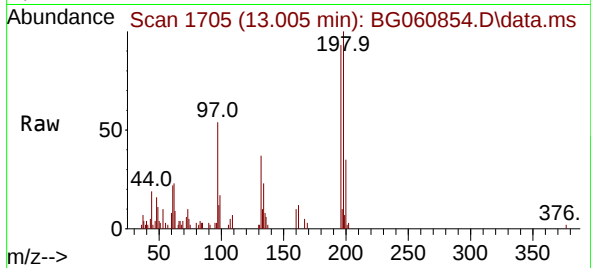
#43
2,4,6-Trichlorophenol
Concen: 4.073 ng m
RT: 13.005 min Scan# 1705
Delta R.T. -0.009 min
Lab File: BG060854.D
Acq: 10 Apr 2024 17:53

Instrument :
BNA_G
ClientSampleId :
SU-03-04082024MSD

Tgt Ion:196 Resp: 1423
Ion Ratio Lower Upper
196 100
198 107.2 79.1 118.7
200 37.4 24.0 36.0

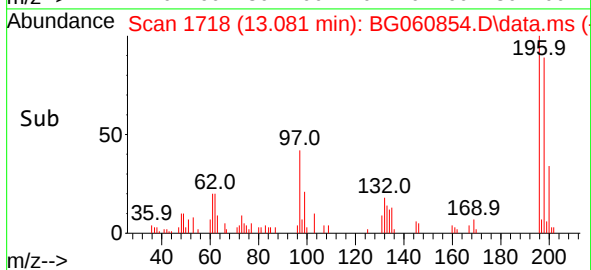
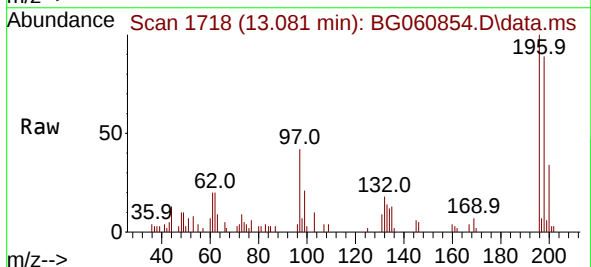
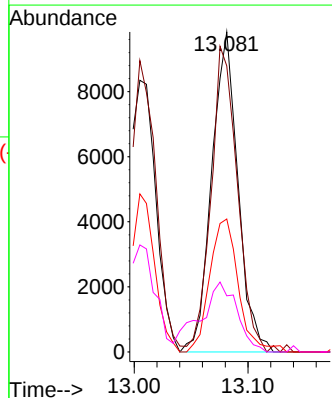
Manual Integrations
APPROVED

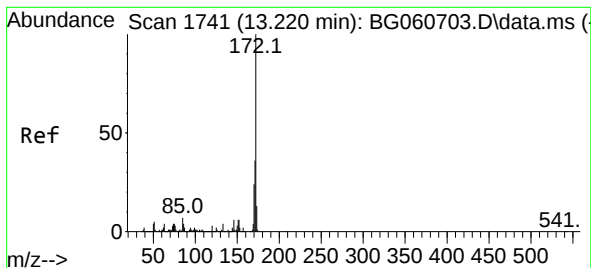
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/12/2024



#44
2,4,5-Trichlorophenol
Concen: 3.781 ng
RT: 13.081 min Scan# 1718
Delta R.T. -0.004 min
Lab File: BG060854.D
Acq: 10 Apr 2024 17:53

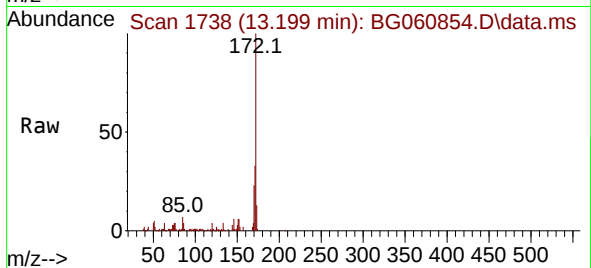
Tgt Ion:196 Resp: 15770
Ion Ratio Lower Upper
196 100
198 89.4 77.8 116.8
97 41.6 38.2 57.4
132 17.6 20.3 30.5#





#45
2-Fluorobiphenyl
Concen: 6.261 ng
RT: 13.199 min Scan# 1738
Delta R.T. -0.021 min
Lab File: BG060854.D
Acq: 10 Apr 2024 17:53

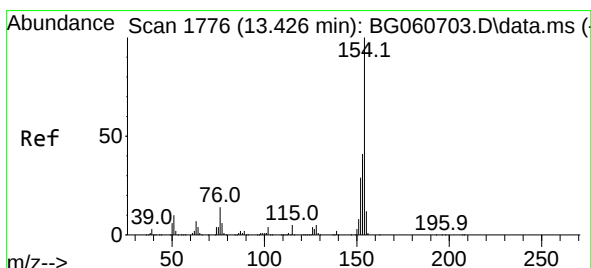
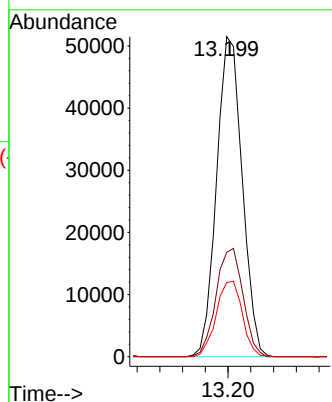
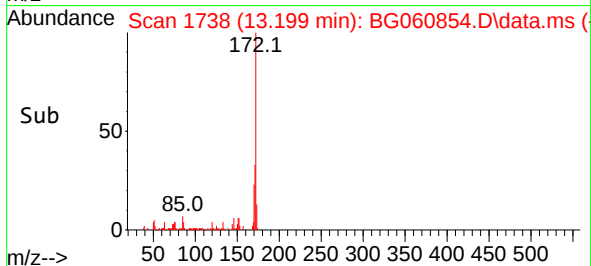
Instrument :
BNA_G
ClientSampleId :
SU-03-04082024MSD



Tgt Ion:172 Resp: 80549
Ion Ratio Lower Upper
172 100
171 32.6 28.7 43.1
170 23.2 19.4 29.0

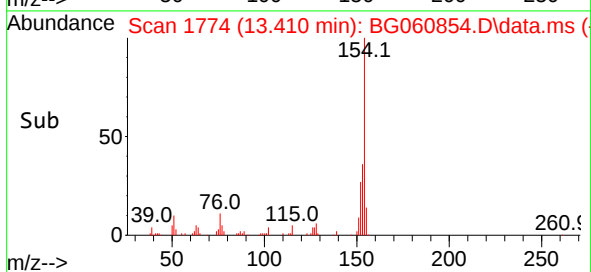
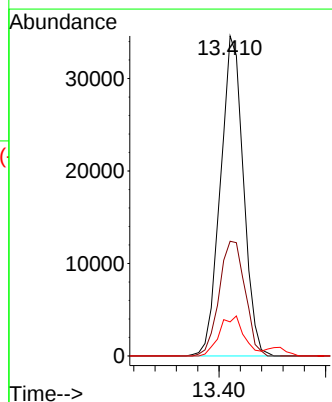
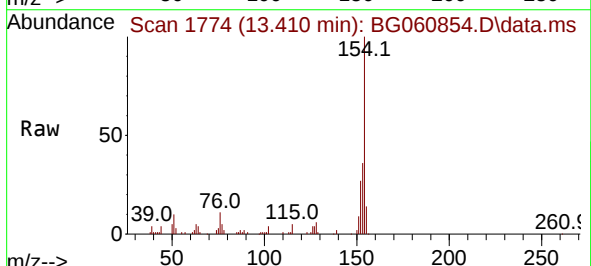
Manual Integrations
APPROVED

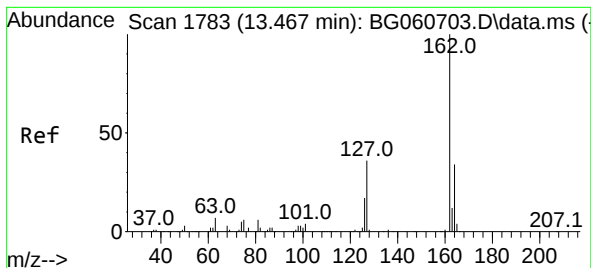
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/12/2024



#46
1,1'-Biphenyl
Concen: 3.879 ng
RT: 13.410 min Scan# 1774
Delta R.T. -0.015 min
Lab File: BG060854.D
Acq: 10 Apr 2024 17:53

Tgt Ion:154 Resp: 51726
Ion Ratio Lower Upper
154 100
153 35.9 20.8 60.8
76 10.6 0.0 33.9





#47

2-Chloronaphthalene

Concen: 3.889 ng

RT: 13.451 min Scan# 1

Delta R.T. -0.015 min

Lab File: BG060854.D

Acq: 10 Apr 2024 17:53

Instrument :

BNA_G

ClientSampleId :

SU-03-04082024MSD

Tgt Ion:162 Resp: 39400

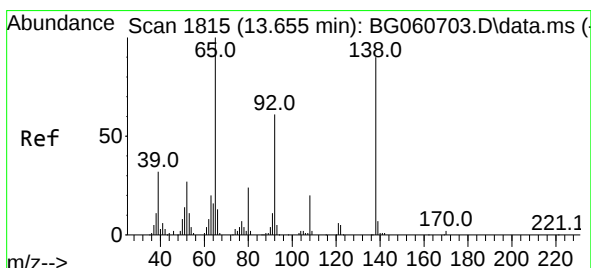
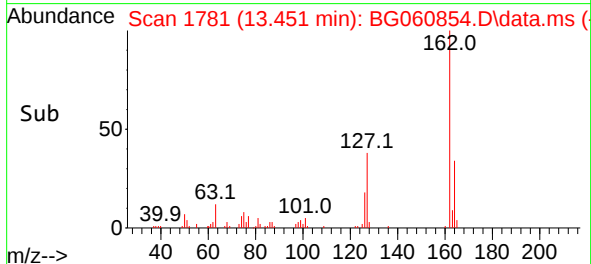
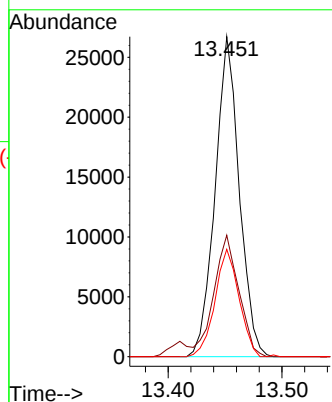
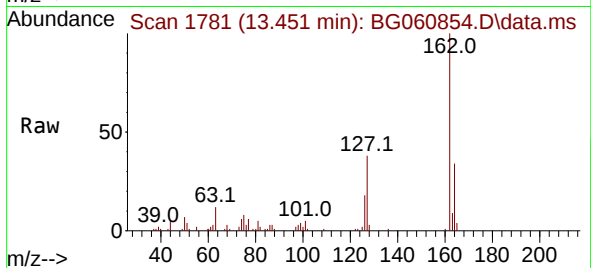
Ion	Ratio	Lower	Upper
162	100		
127	38.0	30.6	46.0
164	33.6	26.9	40.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/12/2024

Supervised By :mohammad ahmed 04/12/2024



#48

2-Nitroaniline

Concen: 6.637 ng

RT: 13.645 min Scan# 1814

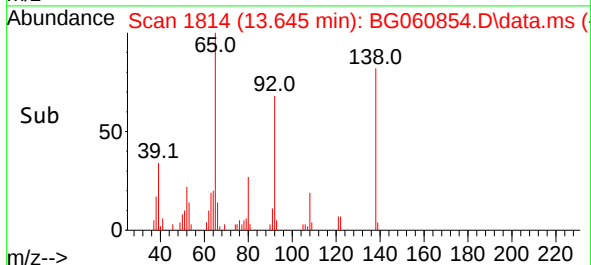
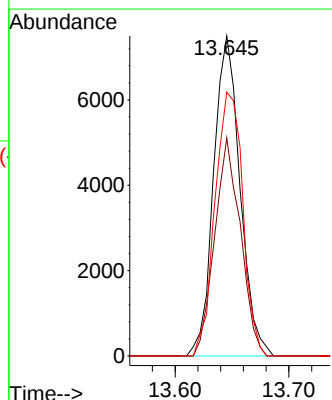
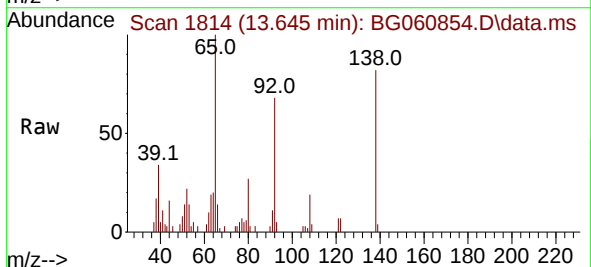
Delta R.T. -0.010 min

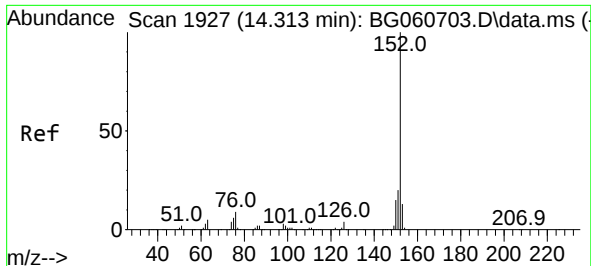
Lab File: BG060854.D

Acq: 10 Apr 2024 17:53

Tgt Ion: 65 Resp: 12070

Ion	Ratio	Lower	Upper
65	100		
92	68.1	48.6	72.8
138	82.4	72.2	108.4





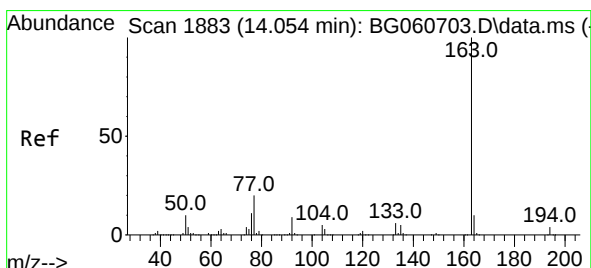
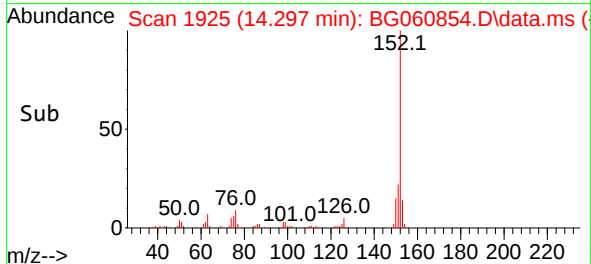
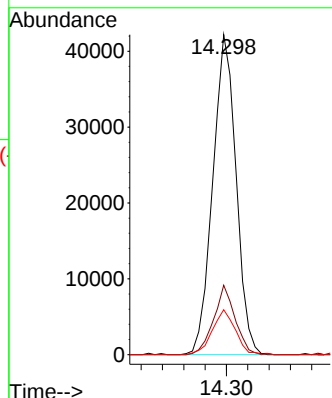
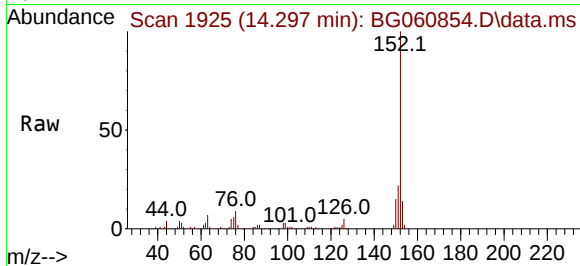
#49
Acenaphthylene
Concen: 3.761 ng
RT: 14.297 min Scan# 1925
Delta R.T. -0.016 min
Lab File: BG060854.D
Acq: 10 Apr 2024 17:53

Instrument :
BNA_G
ClientSampleId :
SU-03-04082024MSD

Tgt Ion:152 Resp: 6402
Ion Ratio Lower Upper
152 100
151 21.7 16.4 24.6
153 14.1 10.5 15.7

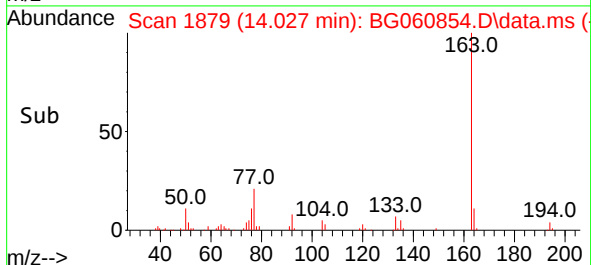
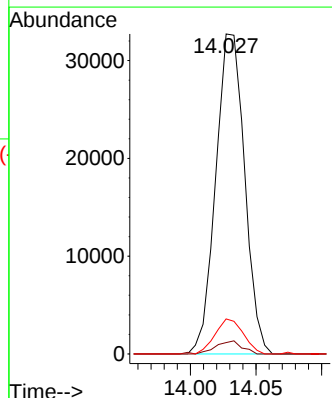
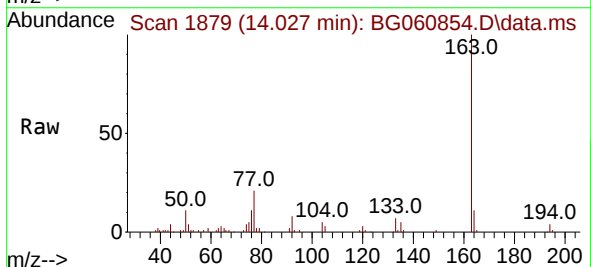
Manual Integrations
APPROVED

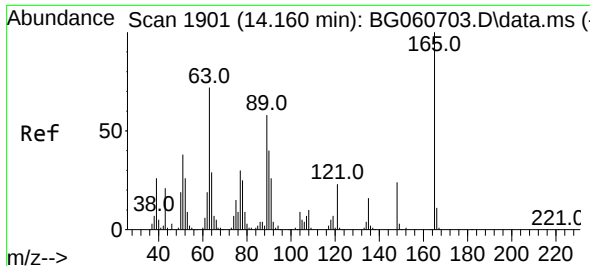
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/12/2024



#50
Dimethylphthalate
Concen: 3.352 ng
RT: 14.027 min Scan# 1879
Delta R.T. -0.027 min
Lab File: BG060854.D
Acq: 10 Apr 2024 17:53

Tgt Ion:163 Resp: 50027
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.6
164 10.9 7.9 11.9





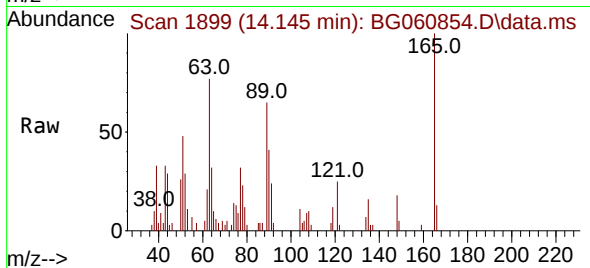
#51
2,6-Dinitrotoluene
Concen: 6.264 ng
RT: 14.145 min Scan# 11
Delta R.T. -0.015 min
Lab File: BG060854.D
Acq: 10 Apr 2024 17:53

Instrument :

BNA_G

ClientSampleId :

SU-03-04082024MSD

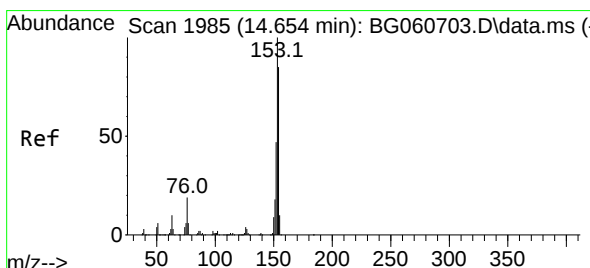
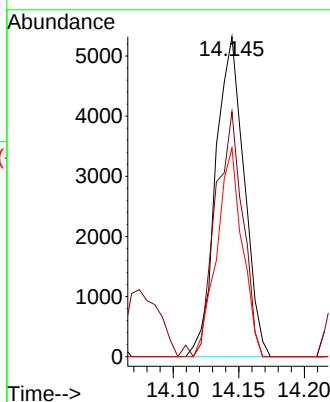
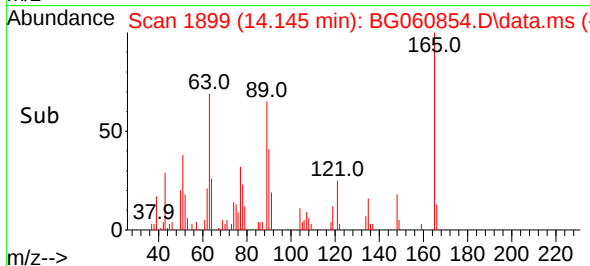


Tgt Ion:165 Resp: 798
Ion Ratio Lower Upper
165 100
63 76.6 58.2 87.4
89 65.2 46.1 69.1

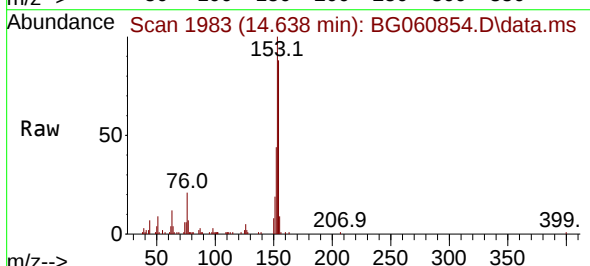
Manual Integrations

APPROVED

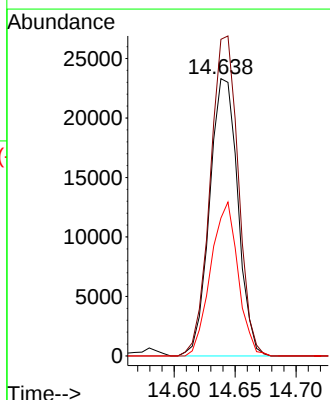
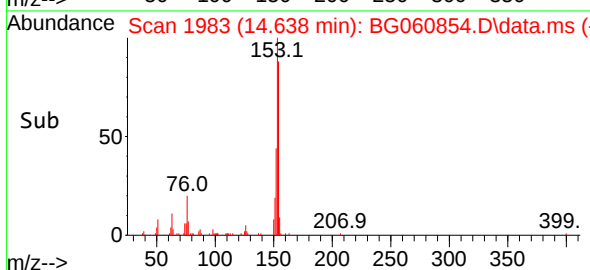
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/12/2024

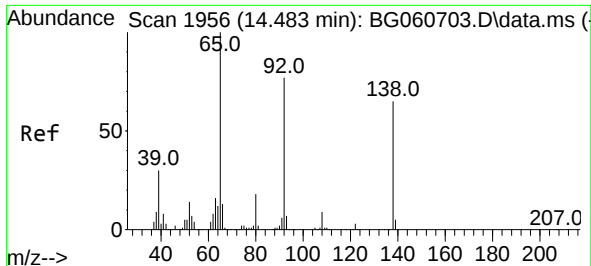


#52
Acenaphthene
Concen: 3.509 ng
RT: 14.638 min Scan# 1983
Delta R.T. -0.016 min
Lab File: BG060854.D
Acq: 10 Apr 2024 17:53



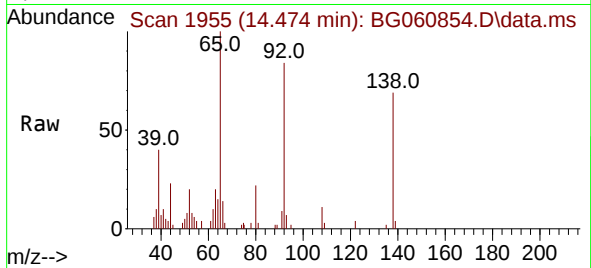
Tgt Ion:154 Resp: 37507
Ion Ratio Lower Upper
154 100
153 114.1 93.9 140.9
152 49.7 44.1 66.1





#53
3-Nitroaniline
Concen: 5.670 ng
RT: 14.474 min Scan# 1955
Delta R.T. -0.009 min
Lab File: BG060854.D
Acq: 10 Apr 2024 17:53

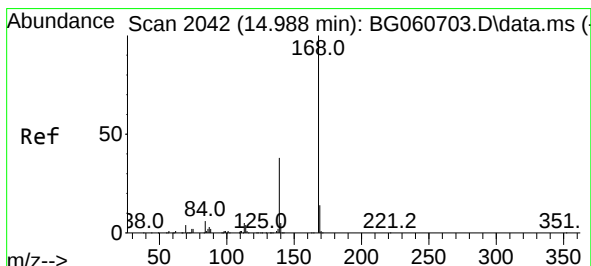
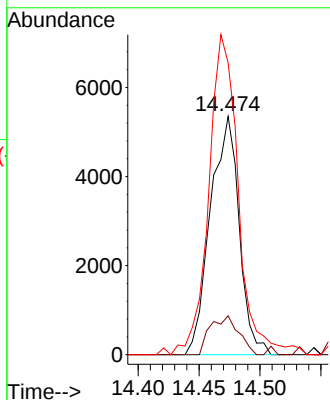
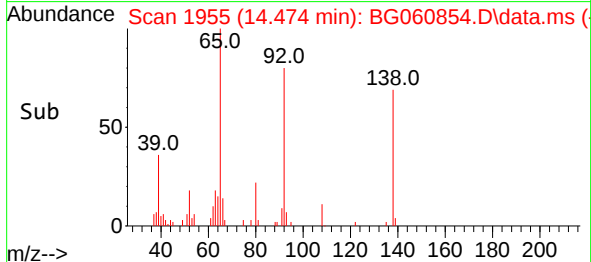
Instrument :
BNA_G
ClientSampleId :
SU-03-04082024MSD



Tgt Ion:138 Resp: 878
Ion Ratio Lower Upper
138 100
108 16.3 11.3 16.9
92 122.4 94.1 141.1

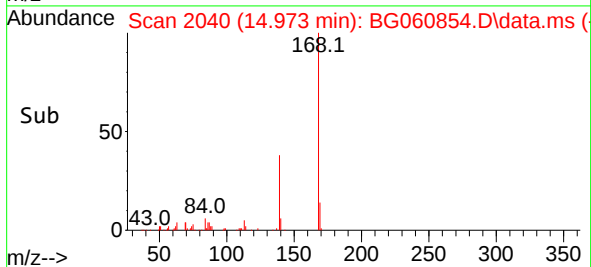
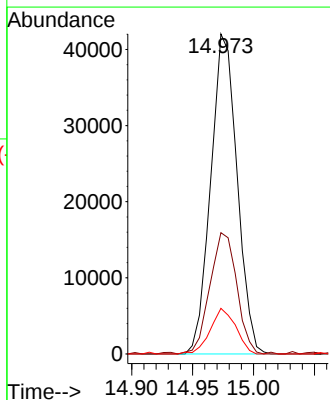
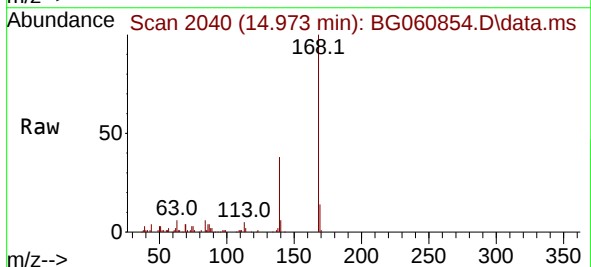
Manual Integrations
APPROVED

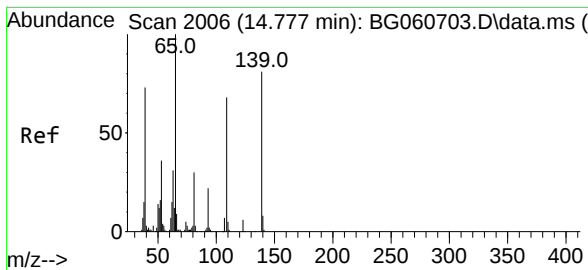
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/12/2024



#55
Dibenzofuran
Concen: 3.752 ng
RT: 14.973 min Scan# 2040
Delta R.T. -0.015 min
Lab File: BG060854.D
Acq: 10 Apr 2024 17:53

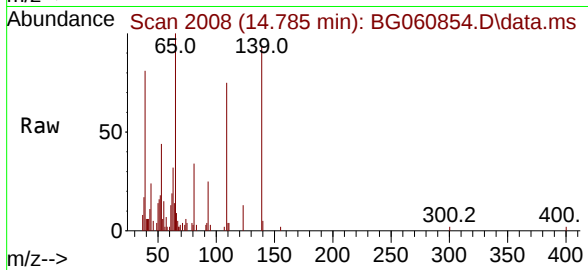
Tgt Ion:168 Resp: 63251
Ion Ratio Lower Upper
168 100
139 37.9 30.1 45.1
169 14.3 11.0 16.4





#56
4-Nitrophenol
Concen: 6.289 ng
RT: 14.785 min Scan# 2008
Delta R.T. 0.008 min
Lab File: BG060854.D
Acq: 10 Apr 2024 17:53

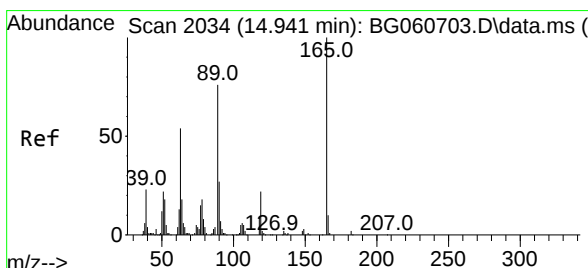
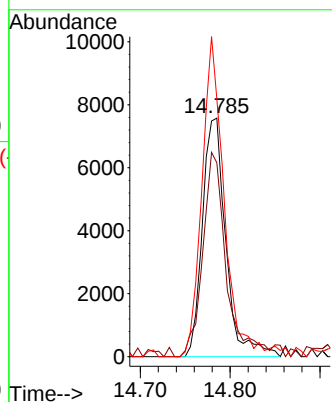
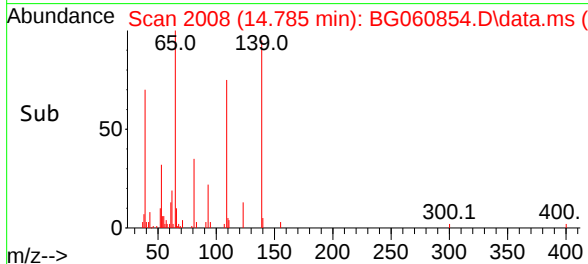
Instrument :
BNA_G
ClientSampleId :
SU-03-04082024MSD



Tgt Ion:139 Resp: 13719
Ion Ratio Lower Upper
139 100
109 81.3 64.0 104.0
65 108.0 104.3 144.3

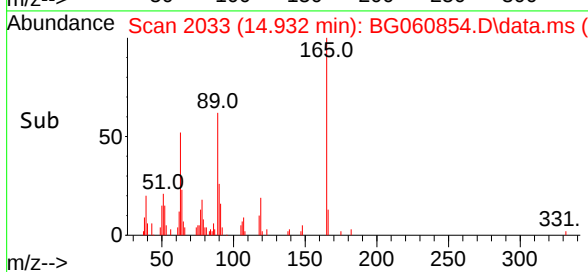
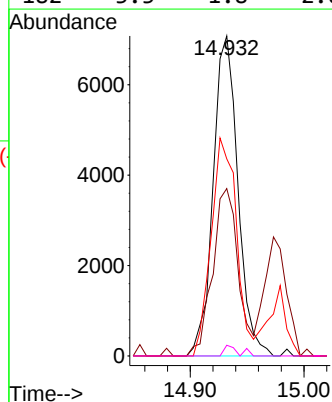
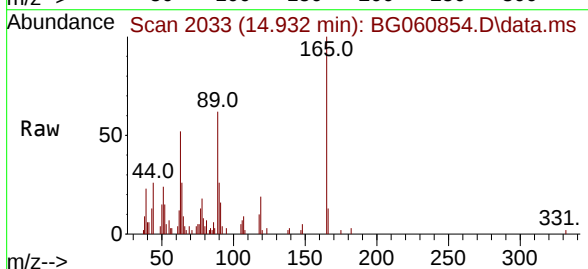
Manual Integrations
APPROVED

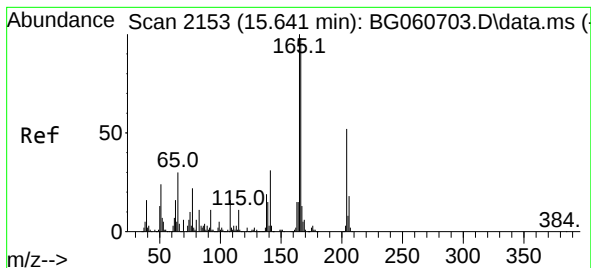
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/12/2024



#57
2,4-Dinitrotoluene
Concen: 6.251 ng
RT: 14.932 min Scan# 2033
Delta R.T. -0.009 min
Lab File: BG060854.D
Acq: 10 Apr 2024 17:53

Tgt Ion:165 Resp: 10710
Ion Ratio Lower Upper
165 100
63 52.3 43.4 65.0
89 61.6 61.0 91.6
182 3.3 1.8 2.6#





#58

Fluorene

Concen: 3.862 ng

RT: 15.625 min Scan# 2153

Delta R.T. -0.015 min

Lab File: BG060854.D

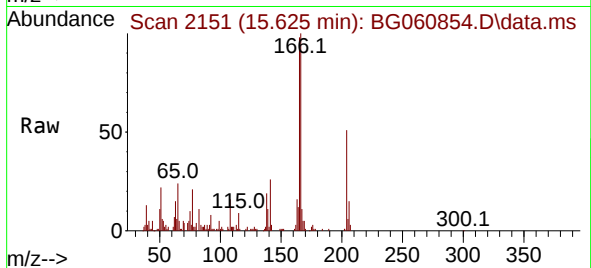
Acq: 10 Apr 2024 17:53

Instrument :

BNA_G

ClientSampleId :

SU-03-04082024MSD



Tgt Ion:166 Resp: 52260

Ion Ratio Lower Upper

166 100

165 98.1 81.8 122.8

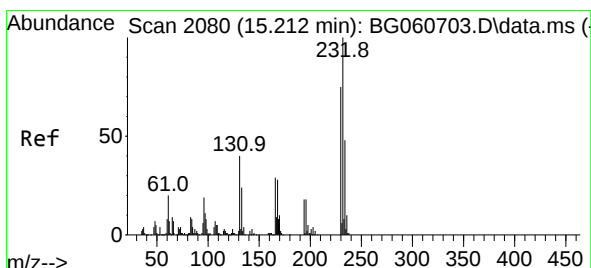
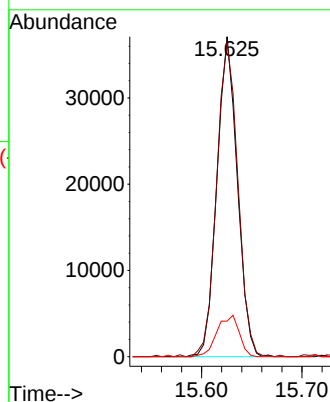
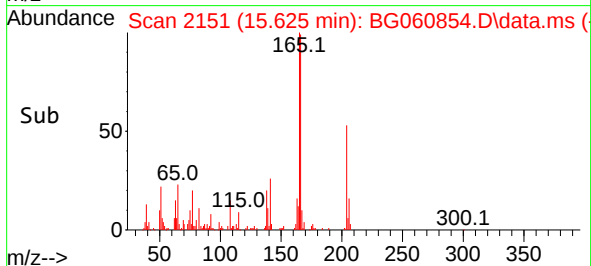
167 11.1 10.9 16.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/12/2024

Supervised By :mohammad ahmed 04/12/2024



#59

2,3,4,6-Tetrachlorophenol

Concen: 3.916 ng

RT: 15.196 min Scan# 2078

Delta R.T. -0.016 min

Lab File: BG060854.D

Acq: 10 Apr 2024 17:53

Tgt Ion:232 Resp: 14235

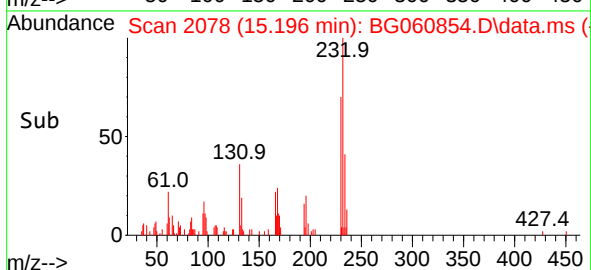
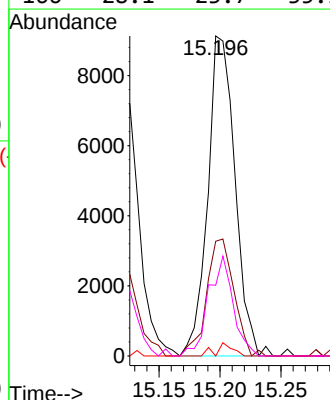
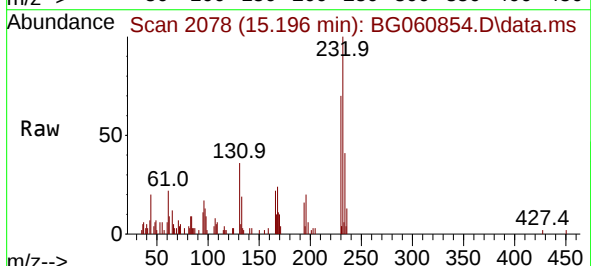
Ion Ratio Lower Upper

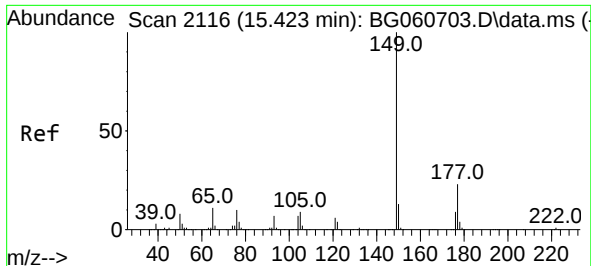
232 100

131 36.5 32.2 48.2

130 2.5 2.1 3.1

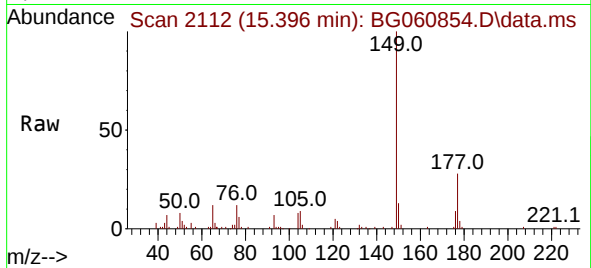
166 28.1 23.7 35.5





#60
Diethylphthalate
Concen: 3.193 ng
RT: 15.396 min Scan# 2116
Delta R.T. -0.027 min
Lab File: BG060854.D
Acq: 10 Apr 2024 17:53

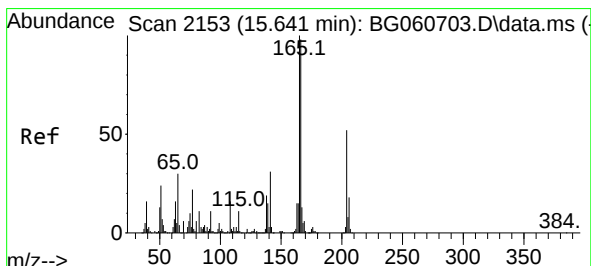
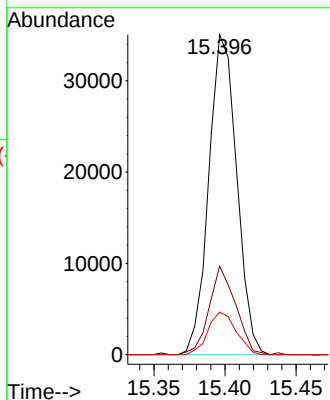
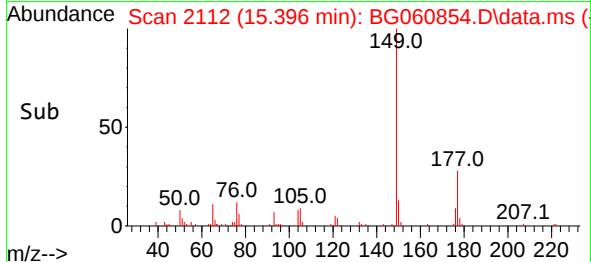
Instrument :
BNA_G
ClientSampleId :
SU-03-04082024MSD



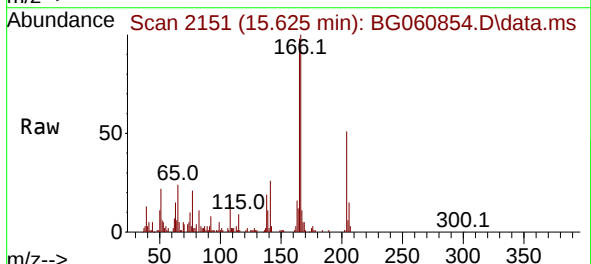
Tgt Ion:149 Resp: 47938
Ion Ratio Lower Upper
149 100
177 27.6 18.0 27.0
150 13.3 10.2 15.4

Manual Integrations
APPROVED

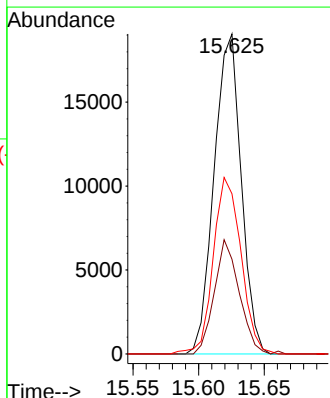
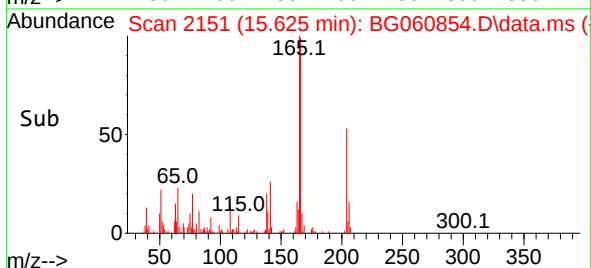
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/12/2024

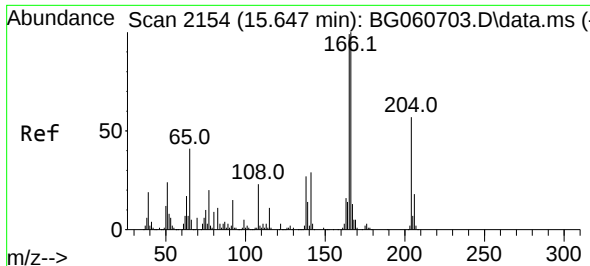


#61
4-Chlorophenyl-phenylether
Concen: 3.818 ng
RT: 15.625 min Scan# 2151
Delta R.T. -0.016 min
Lab File: BG060854.D
Acq: 10 Apr 2024 17:53



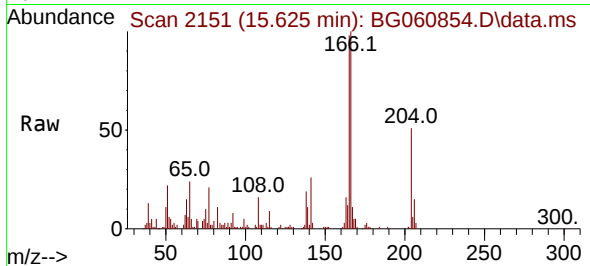
Tgt Ion:204 Resp: 27332
Ion Ratio Lower Upper
204 100
206 29.6 28.3 42.5
141 50.0 47.2 70.8





#62
4-Nitroaniline
Concen: 4.119 ng
RT: 15.625 min Scan# 2151
Delta R.T. -0.021 min
Lab File: BG060854.D
Acq: 10 Apr 2024 17:53

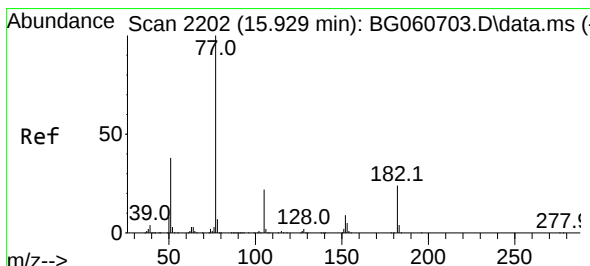
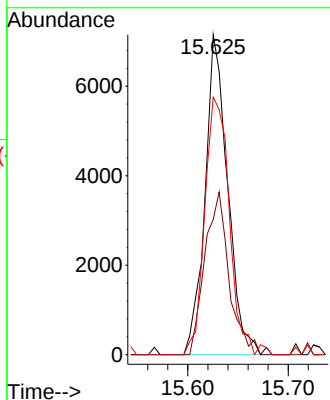
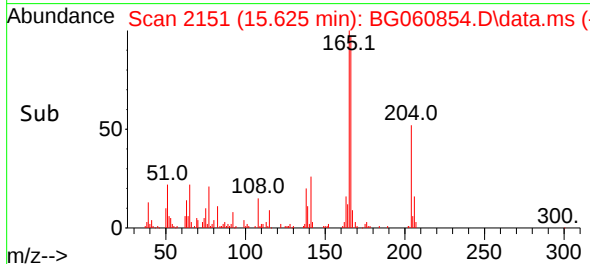
Instrument :
BNA_G
ClientSampleId :
SU-03-04082024MSD



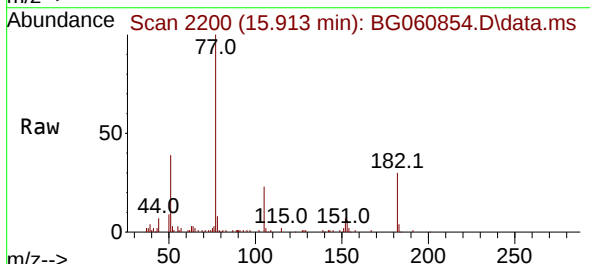
Tgt Ion:138 Resp: 11238
Ion Ratio Lower Upper
138 100
92 42.3 36.8 76.8
108 80.5 66.9 106.9

Manual Integrations
APPROVED

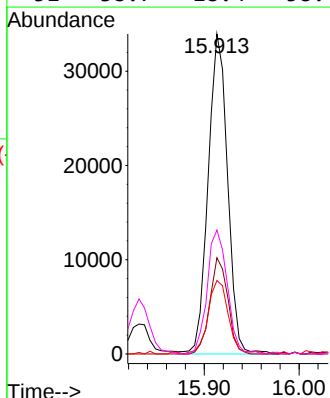
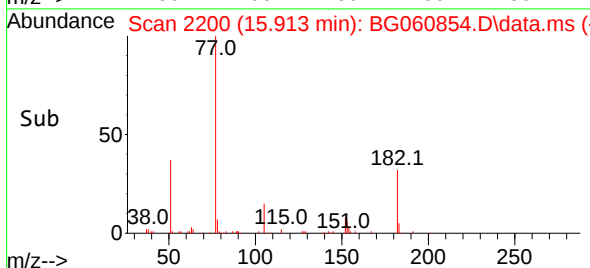
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/12/2024

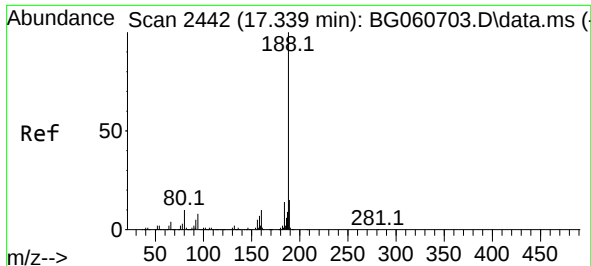


#63
Azobenzene
Concen: 3.300 ng
RT: 15.913 min Scan# 2200
Delta R.T. -0.016 min
Lab File: BG060854.D
Acq: 10 Apr 2024 17:53



Tgt Ion: 77 Resp: 48276
Ion Ratio Lower Upper
77 100
182 30.0 3.9 43.9
105 22.9 1.7 41.7
51 38.7 18.4 58.4





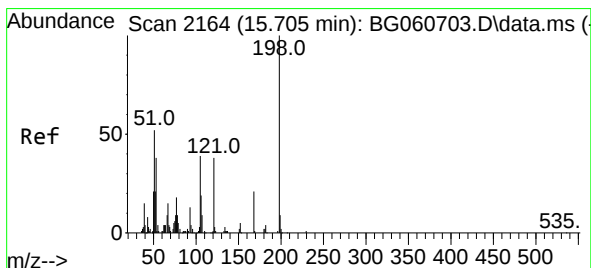
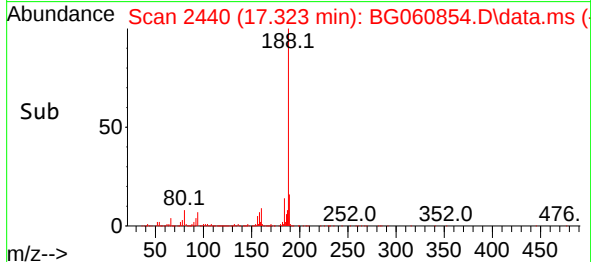
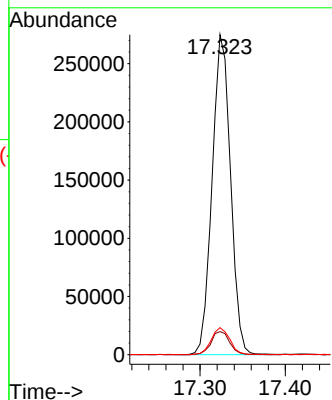
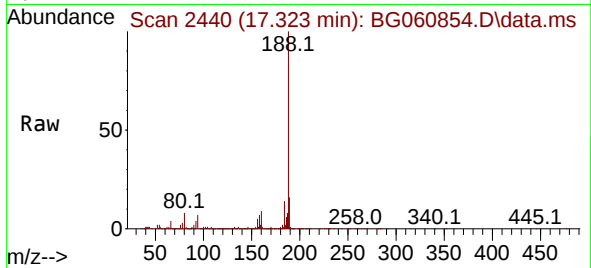
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.323 min Scan# 2440
Delta R.T. -0.015 min
Lab File: BG060854.D
Acq: 10 Apr 2024 17:53

Instrument :
BNA_G
ClientSampleId :
SU-03-04082024MSD

Tgt Ion:188 Resp: 412562
Ion Ratio Lower Upper
188 100
94 7.2 6.6 9.8
80 8.5 7.6 11.4

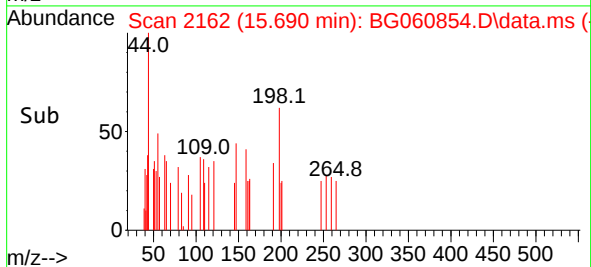
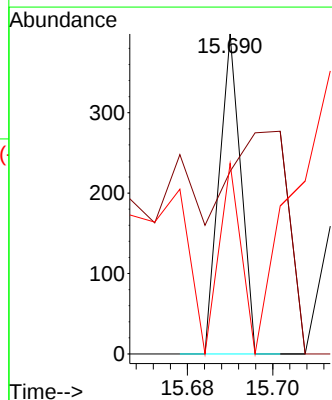
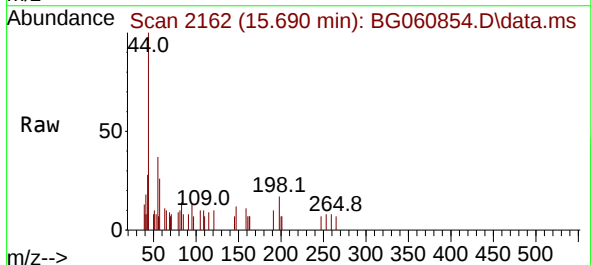
Manual Integrations
APPROVED

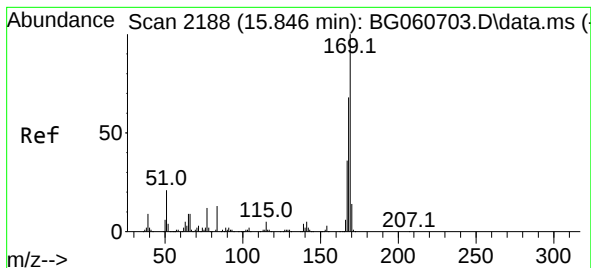
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/12/2024



#65
4,6-Dinitro-2-methylphenol
Concen: 7.104 ng
RT: 15.690 min Scan# 2162
Delta R.T. -0.015 min
Lab File: BG060854.D
Acq: 10 Apr 2024 17:53

Tgt Ion:198 Resp: 140
Ion Ratio Lower Upper
198 100
51 57.0 36.7 76.7
105 59.5 19.1 59.1#





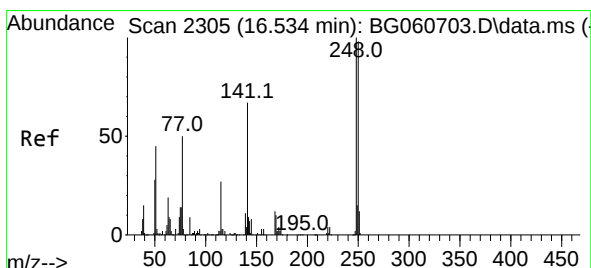
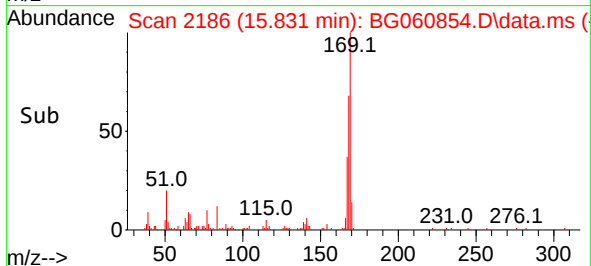
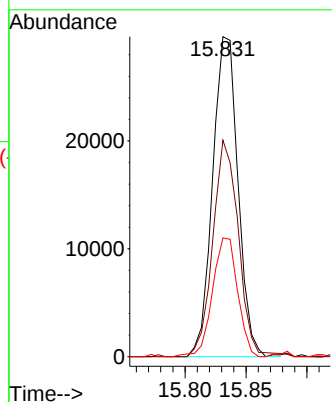
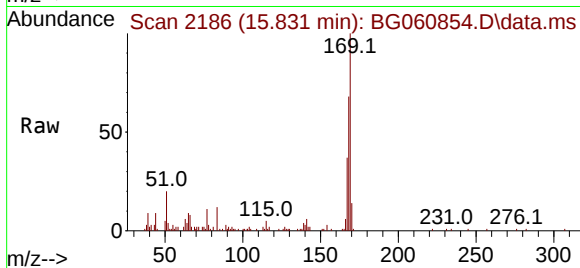
#66
n-Nitrosodiphenylamine
Concen: 3.645 ng
RT: 15.831 min Scan# 2186
Delta R.T. -0.015 min
Lab File: BG060854.D
Acq: 10 Apr 2024 17:53

Instrument :
BNA_G
ClientSampleId :
SU-03-04082024MSD

Tgt Ion:169 Resp: 42969
Ion Ratio Lower Upper
169 100
168 67.7 54.5 81.7
167 37.1 29.2 43.8

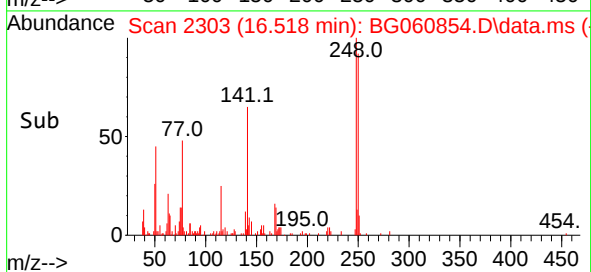
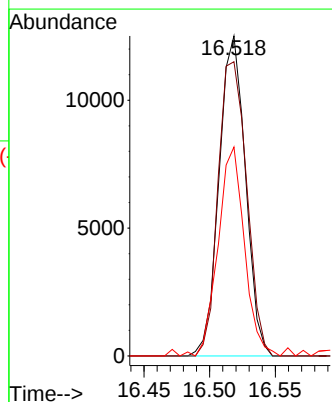
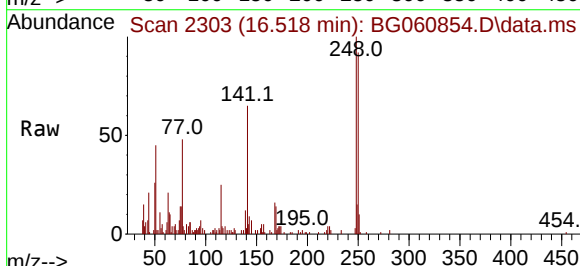
Manual Integrations
APPROVED

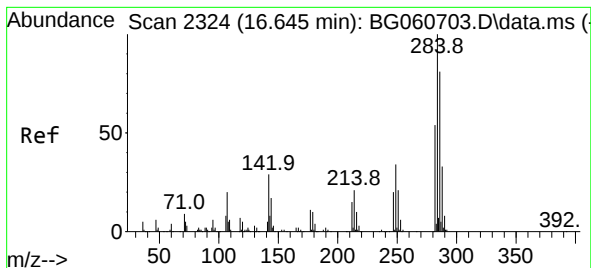
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/12/2024



#67
4-Bromophenyl-phenylether
Concen: 4.176 ng
RT: 16.518 min Scan# 2303
Delta R.T. -0.016 min
Lab File: BG060854.D
Acq: 10 Apr 2024 17:53

Tgt Ion:248 Resp: 17483
Ion Ratio Lower Upper
248 100
250 92.0 78.3 117.5
141 65.3 53.7 80.5





#68

Hexachlorobenzene

Concen: 4.339 ng

RT: 16.630 min Scan# 21

Delta R.T. -0.015 min

Lab File: BG060854.D

Acq: 10 Apr 2024 17:53

Instrument :

BNA_G

ClientSampleId :

SU-03-04082024MSD

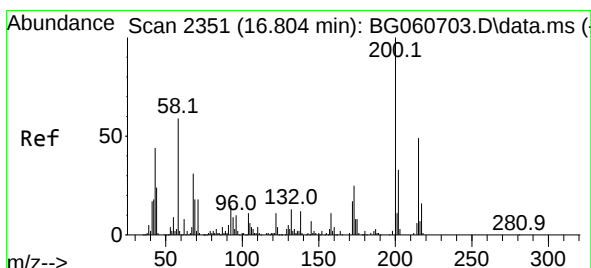
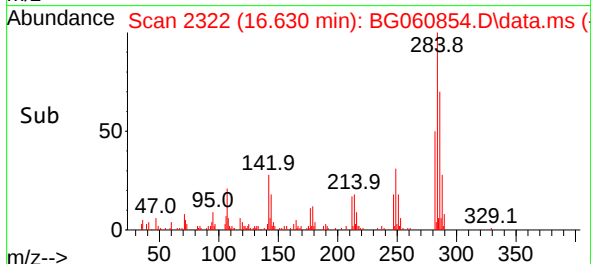
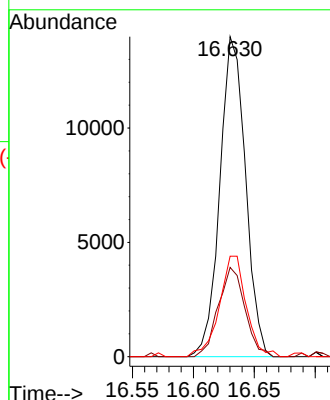
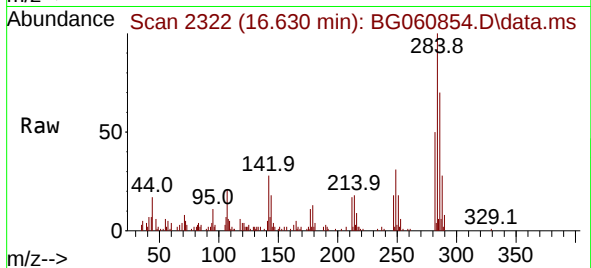
Tgt Ion:284	Resp:	20508
Ion Ratio	Lower	Upper
284	100	
142	27.9	22.9 34.3
249	31.4	27.1 40.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/12/2024

Supervised By :mohammad ahmed 04/12/2024



#69

Atrazine

Concen: 4.040 ng

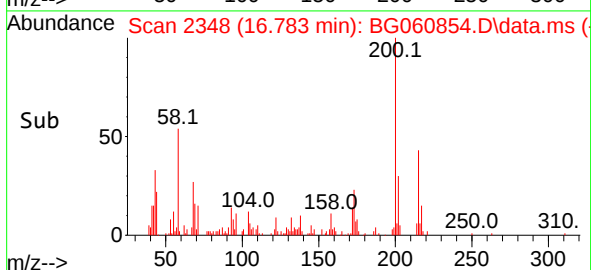
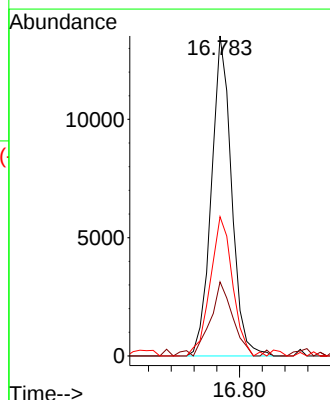
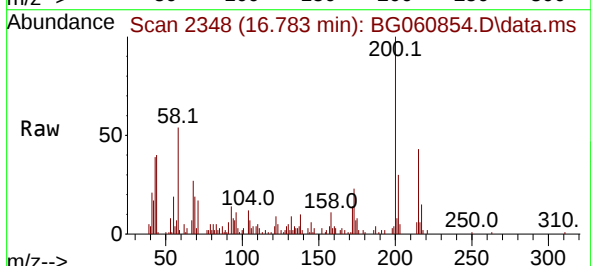
RT: 16.783 min Scan# 2348

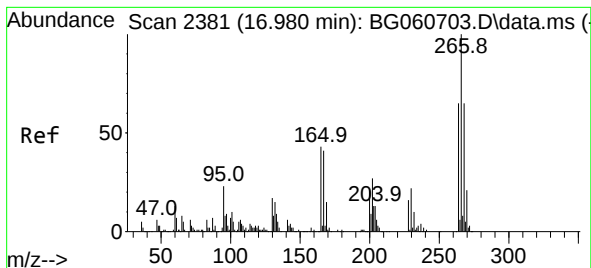
Delta R.T. -0.021 min

Lab File: BG060854.D

Acq: 10 Apr 2024 17:53

Tgt Ion:200	Resp:	16654
Ion Ratio	Lower	Upper
200	100	
173	23.1	5.2 45.2
215	43.5	28.8 68.8





#70

Pentachlorophenol

Concen: 7.064 ng

RT: 16.977 min Scan# 2178

Delta R.T. -0.004 min

Lab File: BG060854.D

Acq: 10 Apr 2024 17:53

Instrument :

BNA_G

ClientSampleId :

SU-03-04082024MSD

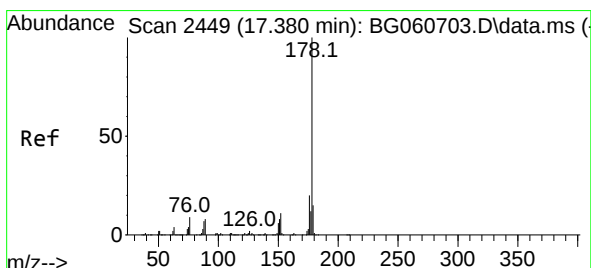
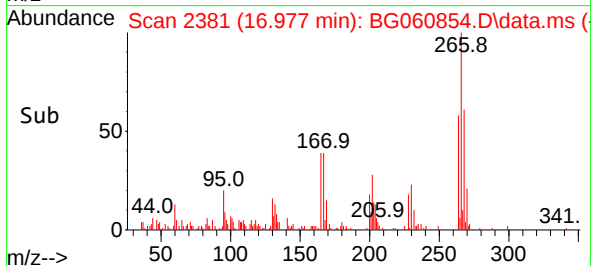
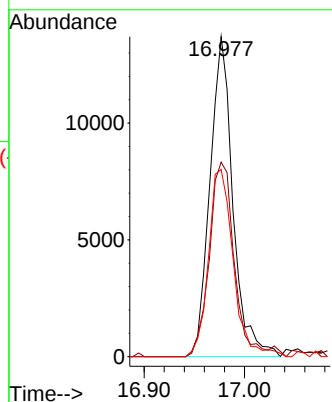
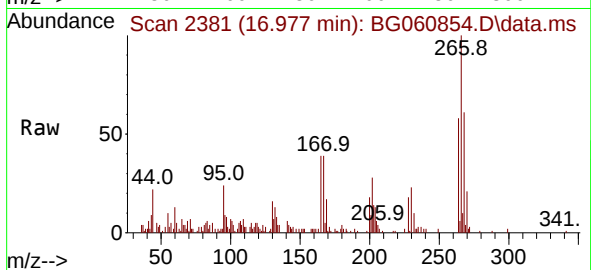
Tgt Ion:	266	Resp:	2178
Ion Ratio	Lower	Upper	
266	100		
268	60.8	52.2	78.4
264	58.5	51.8	77.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/12/2024

Supervised By :mohammad ahmed 04/12/2024



#71

Phenanthrene

Concen: 4.359 ng

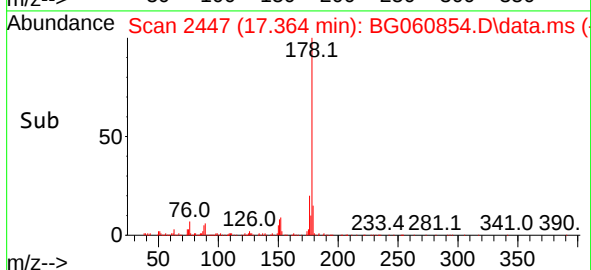
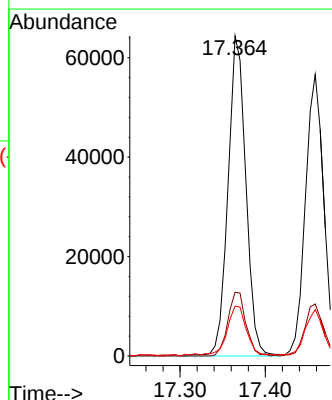
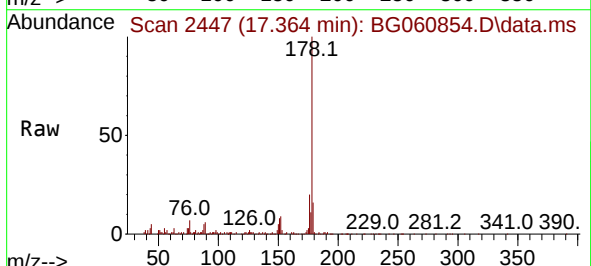
RT: 17.364 min Scan# 2447

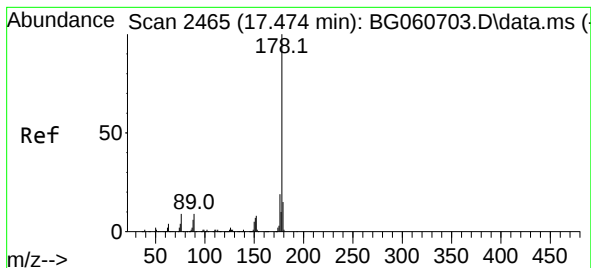
Delta R.T. -0.015 min

Lab File: BG060854.D

Acq: 10 Apr 2024 17:53

Tgt Ion:	178	Resp:	93518
Ion Ratio	Lower	Upper	
178	100		
176	19.9	15.8	23.6
179	15.6	12.2	18.4





#72

Anthracene

Concen: 3.816 ng

RT: 17.459 min Scan# 2463

Delta R.T. -0.015 min

Lab File: BG060854.D

Acq: 10 Apr 2024 17:53

Instrument :

BNA_G

ClientSampleId :

SU-03-04082024MSD

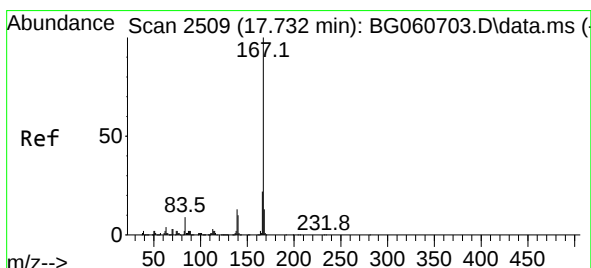
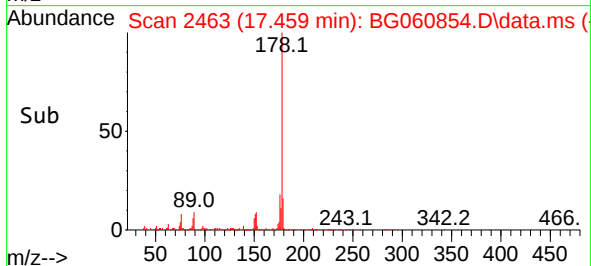
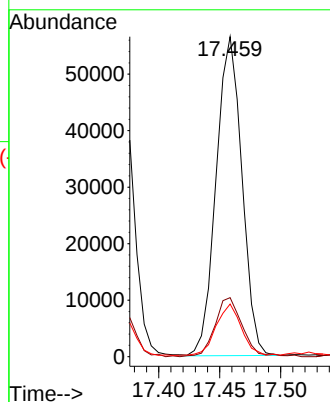
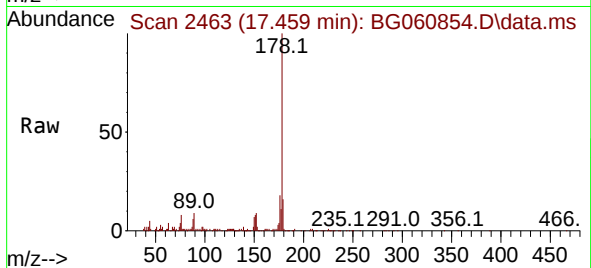
Tgt Ion:178	Resp:	83150
Ion Ratio	Lower	Upper
178	100	
176	18.5	15.5 23.3
179	16.5	12.2 18.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/12/2024

Supervised By :mohammad ahmed 04/12/2024



#73

Carbazole

Concen: 3.669 ng

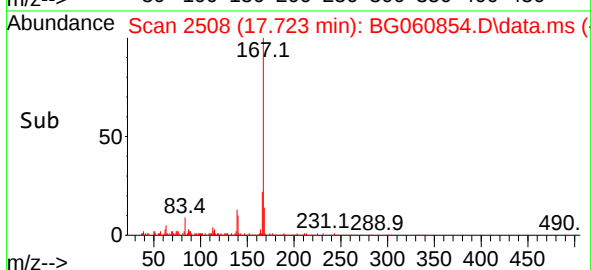
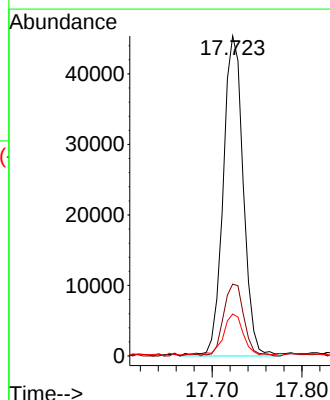
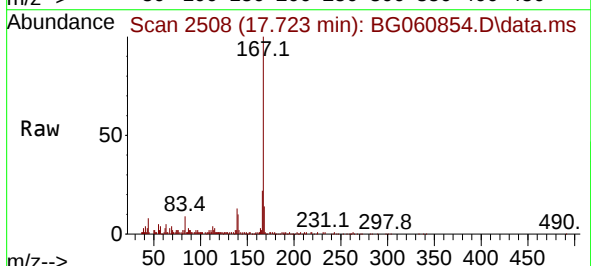
RT: 17.723 min Scan# 2508

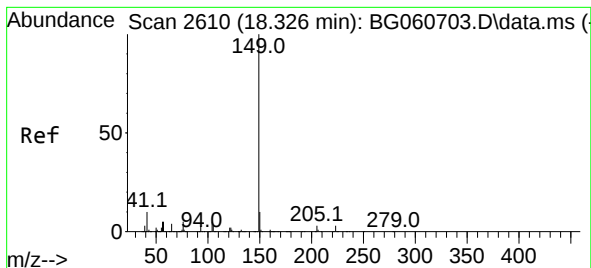
Delta R.T. -0.009 min

Lab File: BG060854.D

Acq: 10 Apr 2024 17:53

Tgt Ion:167	Resp:	70487
Ion Ratio	Lower	Upper
167	100	
166	22.5	18.0 27.0
139	13.1	10.5 15.7





#74

Di-n-butylphthalate

Concen: 3.595 ng

RT: 18.299 min Scan# 20

Delta R.T. -0.027 min

Lab File: BG060854.D

Acq: 10 Apr 2024 17:53

Instrument :

BNA_G

ClientSampleId :

SU-03-04082024MSD

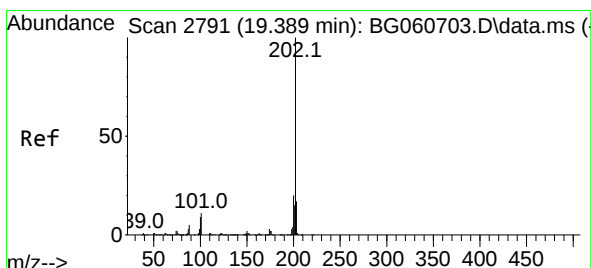
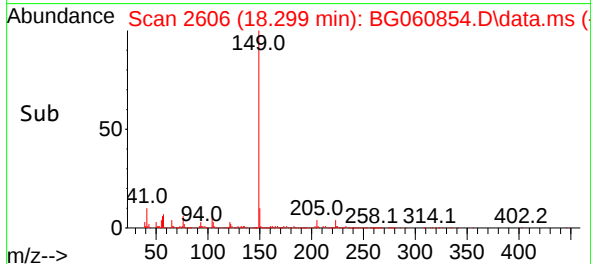
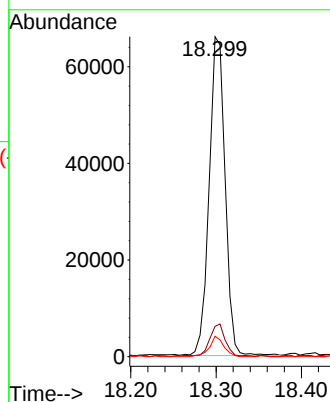
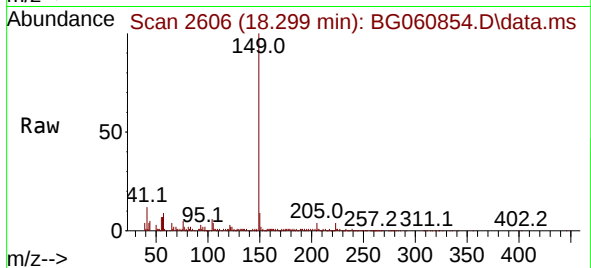
Tgt Ion:	149	Resp:	86118
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.7	11.5
104	6.4	4.2	6.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/12/2024

Supervised By :mohammad ahmed 04/12/2024



#75

Fluoranthene

Concen: 4.619 ng

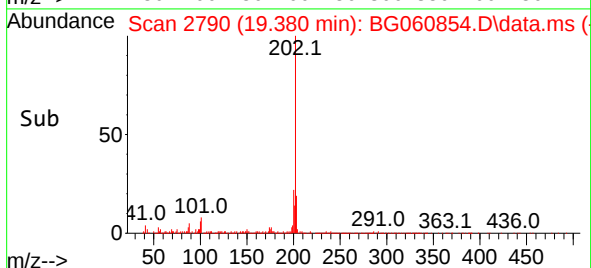
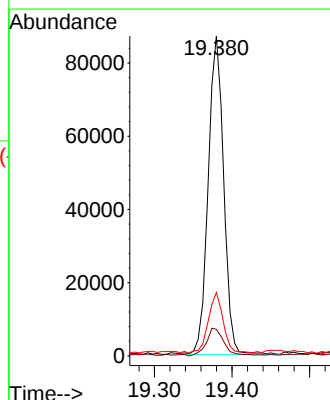
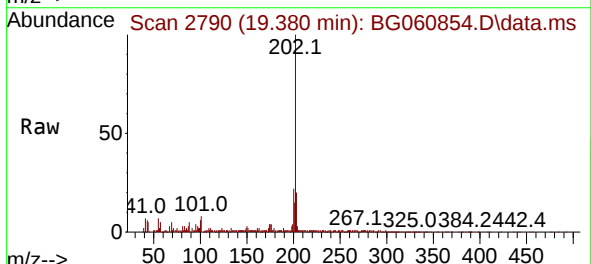
RT: 19.380 min Scan# 2790

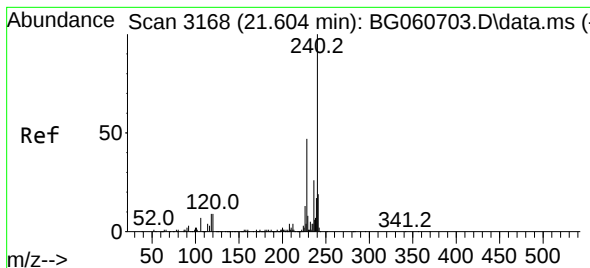
Delta R.T. -0.009 min

Lab File: BG060854.D

Acq: 10 Apr 2024 17:53

Tgt Ion:	202	Resp:	120250
Ion Ratio	Lower	Upper	
202	100		
101	8.3	0.0	30.8
203	19.8	0.0	37.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.589 min Scan# 3166

Delta R.T. -0.015 min

Lab File: BG060854.D

Acq: 10 Apr 2024 17:53

Instrument :

BNA_G

ClientSampleId :

SU-03-04082024MSD

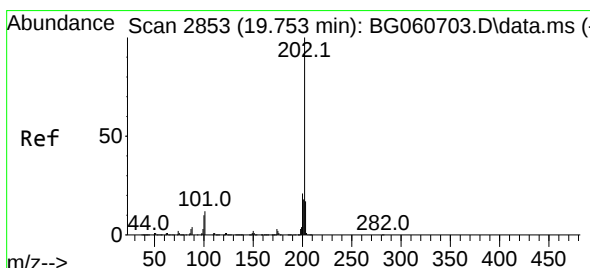
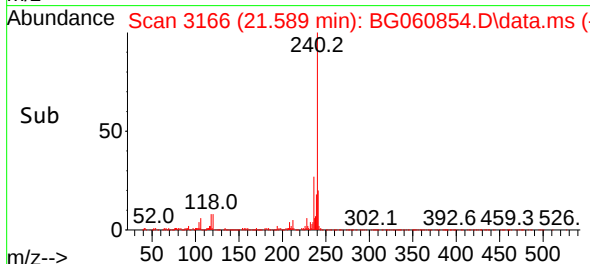
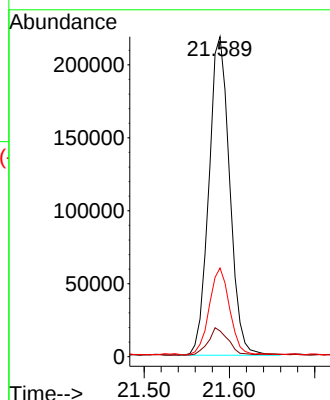
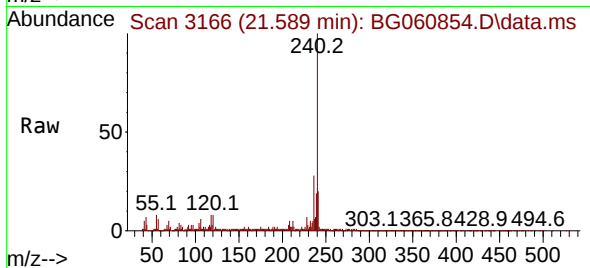
Tgt Ion:	240	Resp:	37051
Ion Ratio	Lower	Upper	
240	100		
120	8.0	7.1	10.7
236	27.7	20.7	31.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/12/2024

Supervised By :mohammad ahmed 04/12/2024



#78

Pyrene

Concen: 4.918 ng

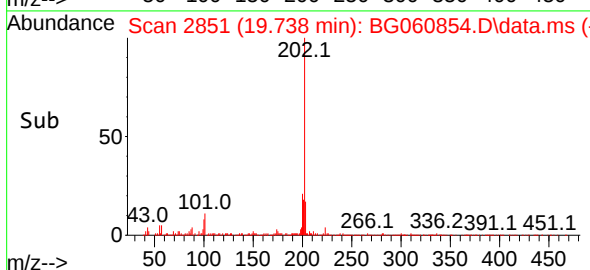
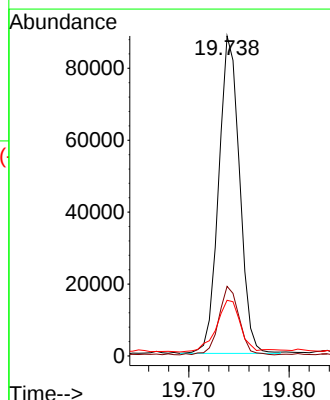
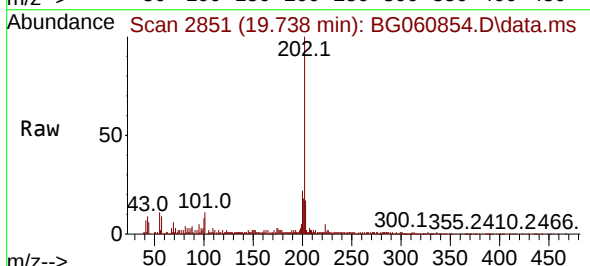
RT: 19.738 min Scan# 2851

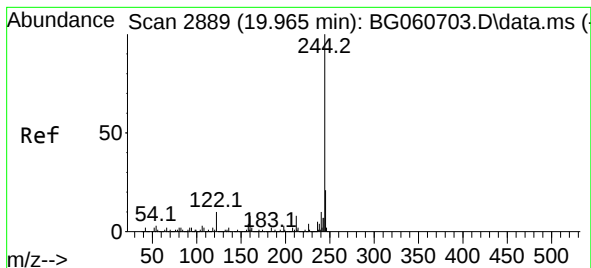
Delta R.T. -0.015 min

Lab File: BG060854.D

Acq: 10 Apr 2024 17:53

Tgt Ion:	202	Resp:	127434
Ion Ratio	Lower	Upper	
202	100		
200	21.8	17.0	25.4
203	17.4	14.0	21.0





#79

Terphenyl-d14

Concen: 6.082 ng

RT: 19.944 min Scan# 21

Delta R.T. -0.021 min

Lab File: BG060854.D

Acq: 10 Apr 2024 17:53

Instrument :

BNA_G

ClientSampleId :

SU-03-04082024MSD

Tgt Ion:244 Resp: 12798

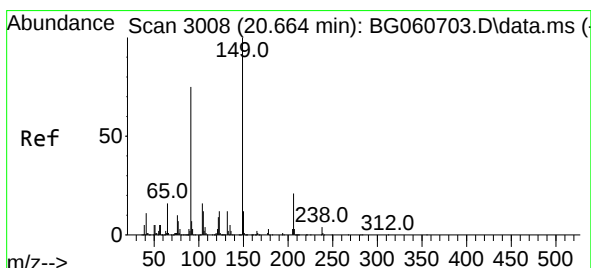
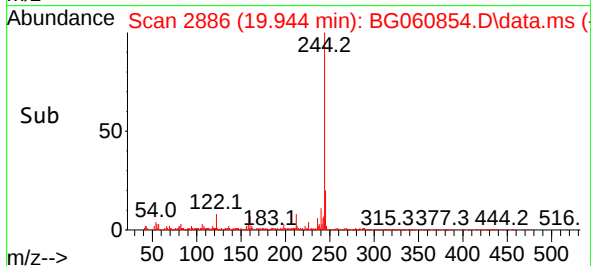
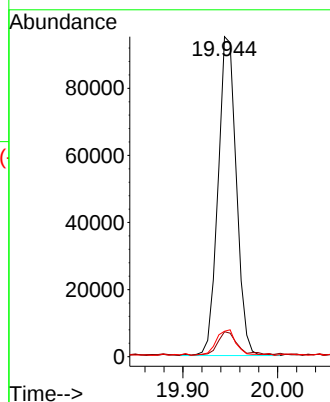
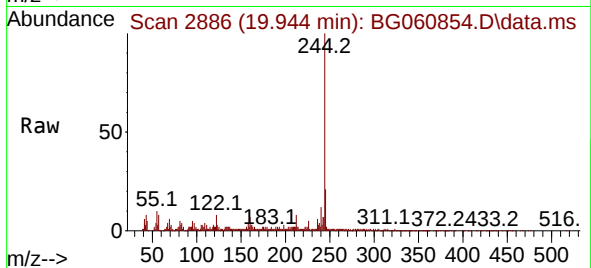
Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	8.0	7.8	11.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/12/2024

Supervised By :mohammad ahmed 04/12/2024



#80

Butylbenzylphthalate

Concen: 3.854 ng

RT: 20.643 min Scan# 3005

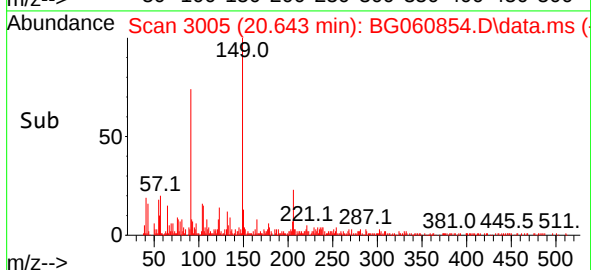
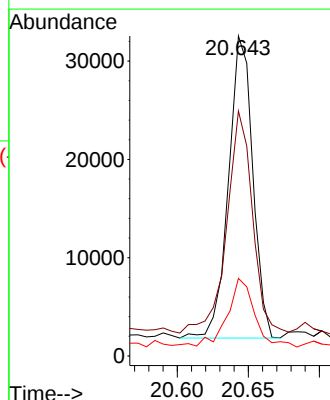
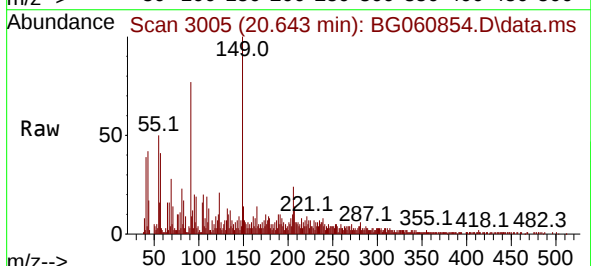
Delta R.T. -0.021 min

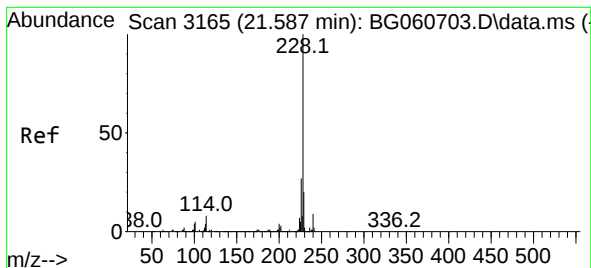
Lab File: BG060854.D

Acq: 10 Apr 2024 17:53

Tgt Ion:149 Resp: 36434

Ion	Ratio	Lower	Upper
149	100		
91	76.5	60.1	90.1
206	24.3	16.8	25.2





#81

Benzo(a)anthracene

Concen: 4.376 ng

RT: 21.571 min Scan# 3163

Delta R.T. -0.015 min

Lab File: BG060854.D

Acq: 10 Apr 2024 17:53

Instrument :

BNA_G

ClientSampleId :

SU-03-04082024MSD

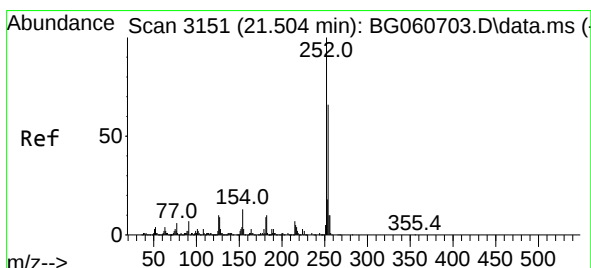
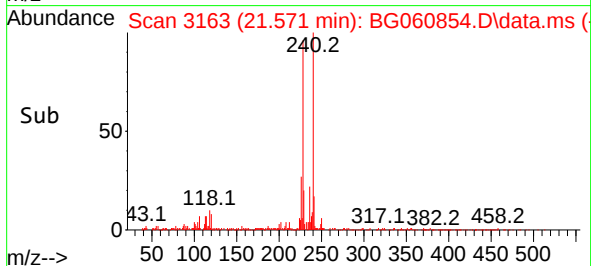
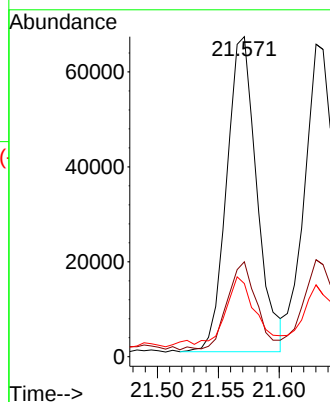
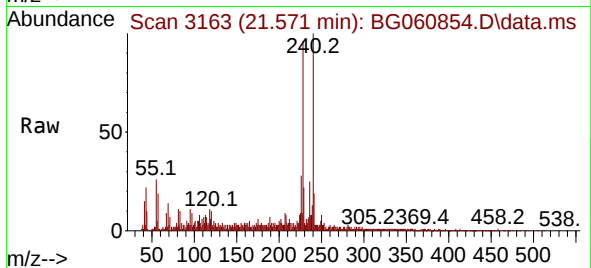
Tgt Ion:228 Resp: 114289
 Ion Ratio Lower Upper
 228 100
 226 29.6 21.7 32.5
 229 22.9 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/12/2024

Supervised By :mohammad ahmed 04/12/2024



#82

3,3'-Dichlorobenzidine

Concen: 3.128 ng

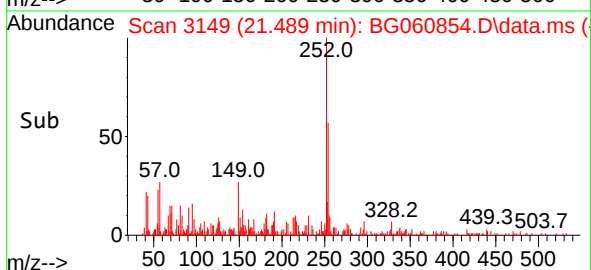
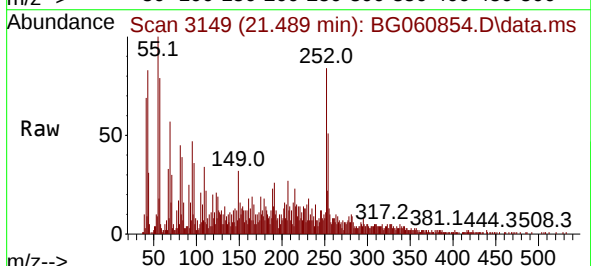
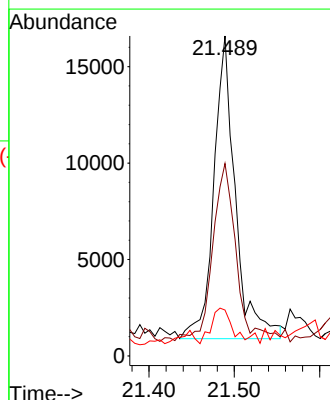
RT: 21.489 min Scan# 3149

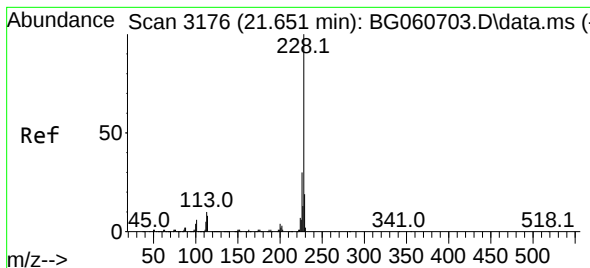
Delta R.T. -0.015 min

Lab File: BG060854.D

Acq: 10 Apr 2024 17:53

Tgt Ion:252 Resp: 27589
 Ion Ratio Lower Upper
 252 100
 254 60.2 52.6 78.8
 126 14.3 7.8 11.8





#83

Chrysene

Concen: 4.412 ng

RT: 21.630 min Scan# 31

Delta R.T. -0.021 min

Lab File: BG060854.D

Acq: 10 Apr 2024 17:53

Instrument :

BNA_G

ClientSampleId :

SU-03-04082024MSD

Tgt Ion:228 Resp: 111050

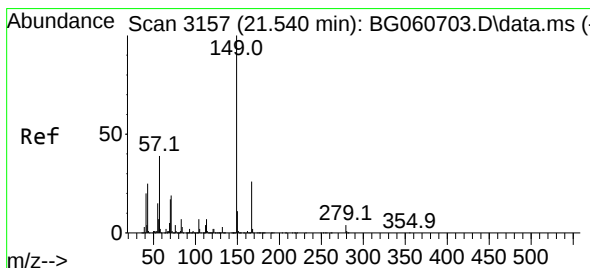
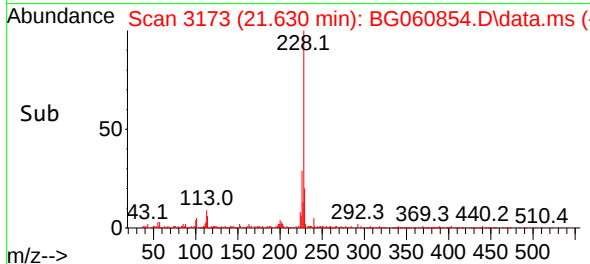
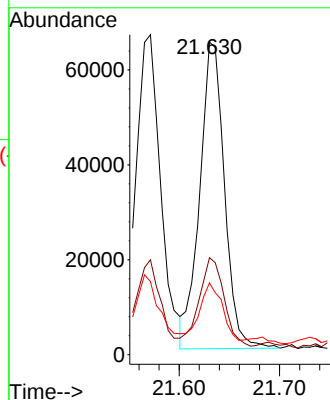
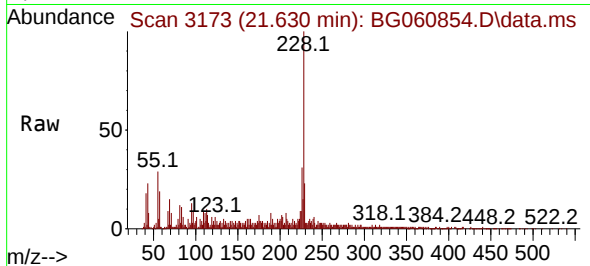
Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.2	36.4
229	23.0	15.5	23.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/12/2024

Supervised By :mohammad ahmed 04/12/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.734 ng

RT: 21.507 min Scan# 3152

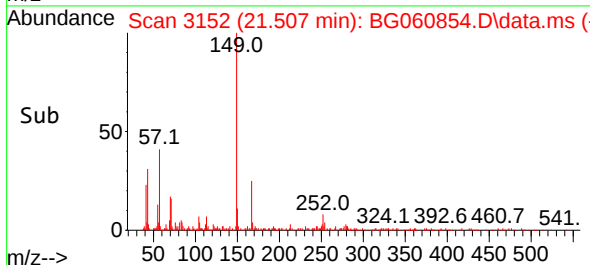
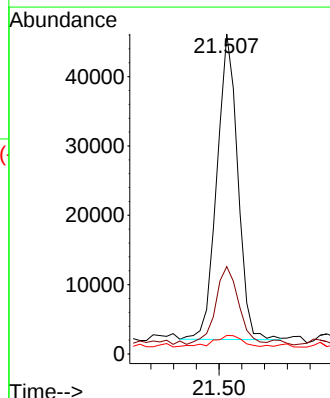
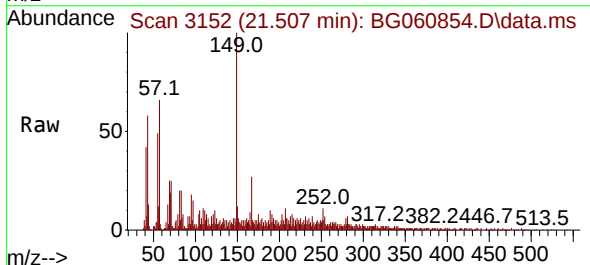
Delta R.T. -0.033 min

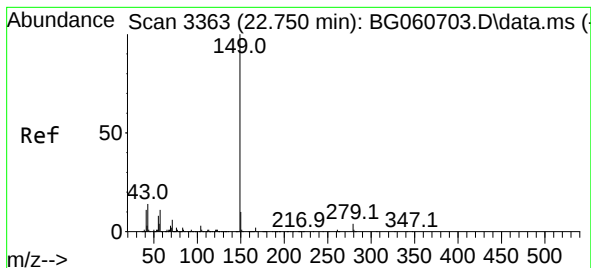
Lab File: BG060854.D

Acq: 10 Apr 2024 17:53

Tgt Ion:149 Resp: 56264

Ion	Ratio	Lower	Upper
149	100		
167	27.3	20.6	30.8
279	5.8	3.0	4.4





#85

Di-n-octyl phthalate

Concen: 3.800 ng

RT: 22.699 min Scan# 31

Delta R.T. -0.051 min

Lab File: BG060854.D

Acq: 10 Apr 2024 17:53

Instrument :

BNA_G

ClientSampleId :

SU-03-04082024MSD

Tgt Ion:149 Resp: 9326

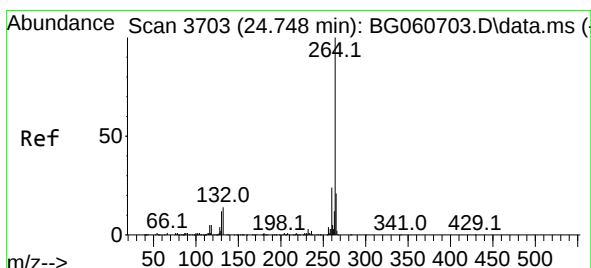
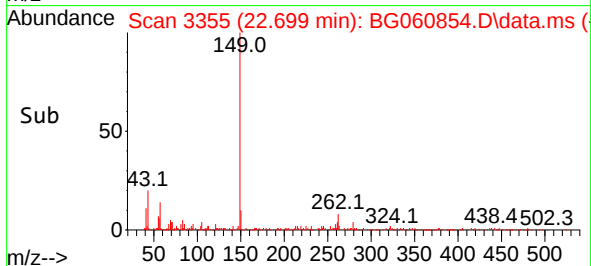
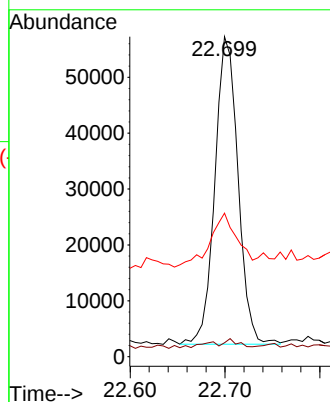
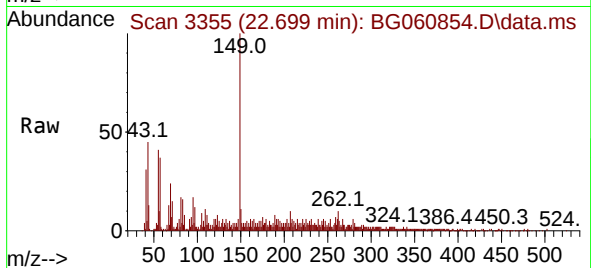
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.2	1.8
43	21.2	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/12/2024

Supervised By :mohammad ahmed 04/12/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.726 min Scan# 3700

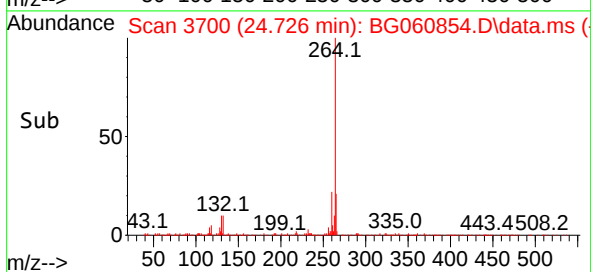
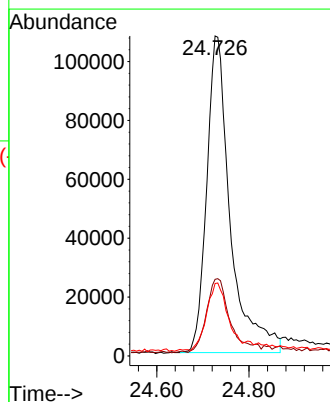
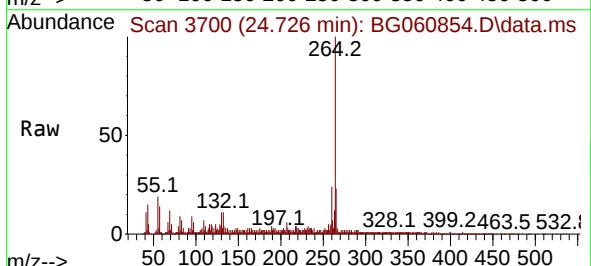
Delta R.T. -0.021 min

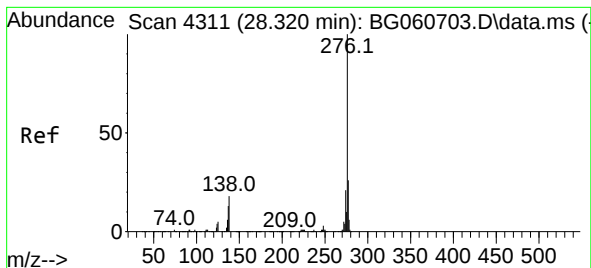
Lab File: BG060854.D

Acq: 10 Apr 2024 17:53

Tgt Ion:264 Resp: 382502

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	22.7	16.9	25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.973 ng m

RT: 28.287 min Scan# 41

Delta R.T. -0.033 min

Lab File: BG060854.D

Acq: 10 Apr 2024 17:53

Instrument :

BNA_G

ClientSampleId :

SU-03-04082024MSD

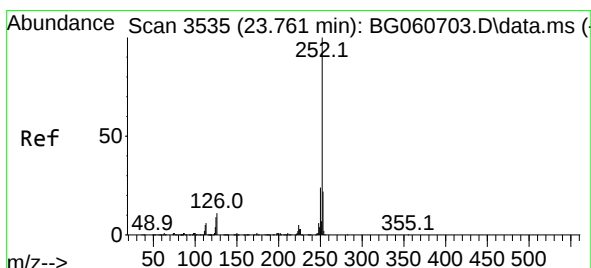
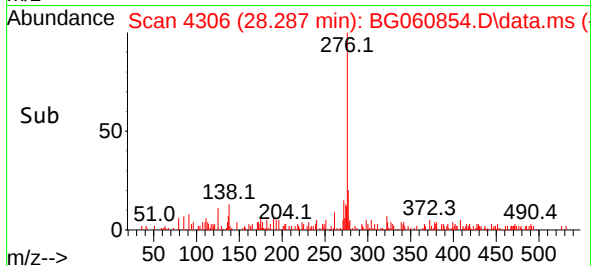
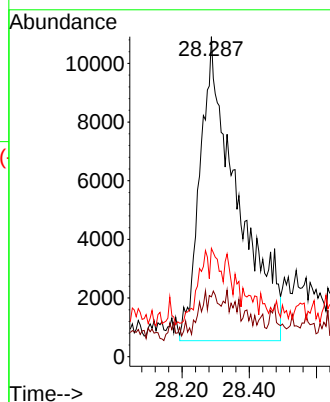
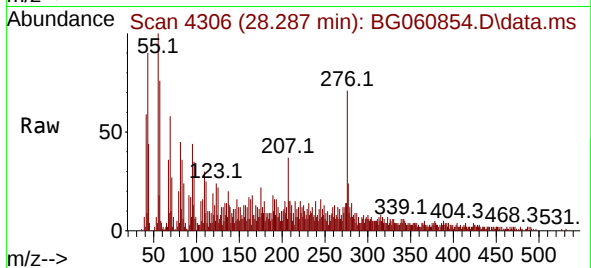
Tgt Ion:	276	Resp:	8008
Ion Ratio	Lower	Upper	
276	100		
138	0.0	12.4	18.6
277	4.0	20.2	30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/12/2024

Supervised By :mohammad ahmed 04/12/2024



#88

Benzo(b)fluoranthene

Concen: 4.548 ng

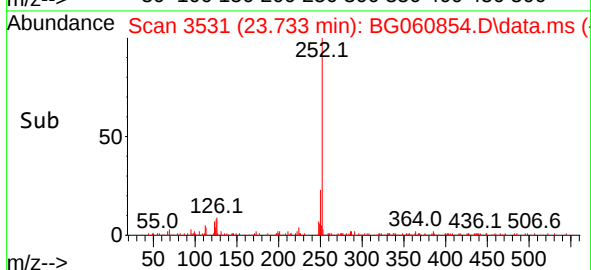
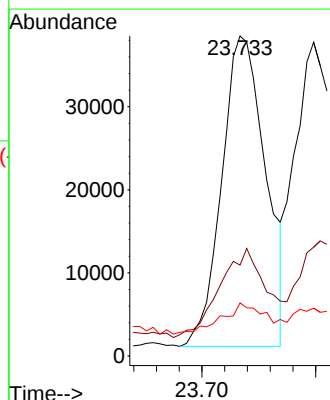
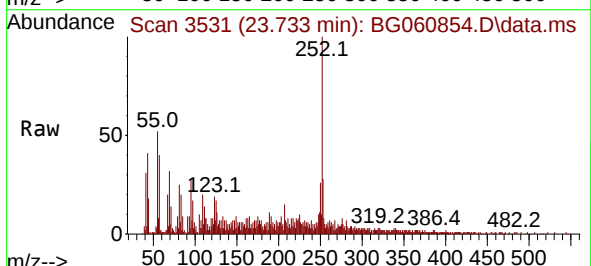
RT: 23.733 min Scan# 3531

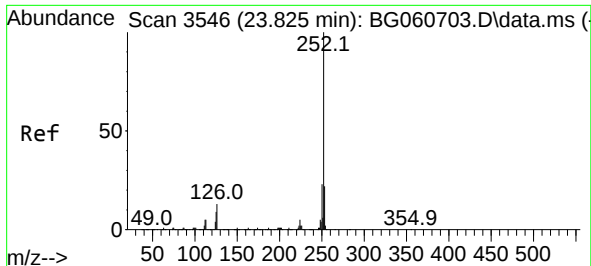
Delta R.T. -0.027 min

Lab File: BG060854.D

Acq: 10 Apr 2024 17:53

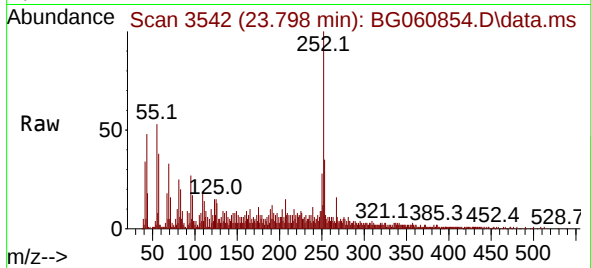
Tgt Ion:	252	Resp:	99946
Ion Ratio	Lower	Upper	
252	100		
253	28.4	17.8	26.8
125	16.6	7.1	10.7





#89
Benzo(k)fluoranthene
Concen: 4.333 ng
RT: 23.798 min Scan# 31
Delta R.T. -0.027 min
Lab File: BG060854.D
Acq: 10 Apr 2024 17:53

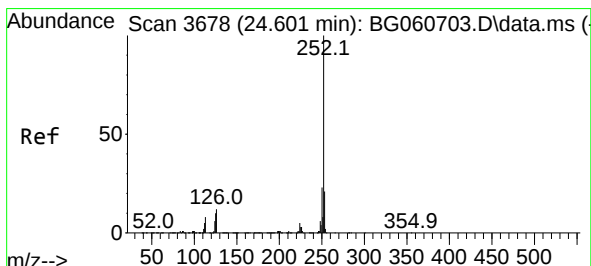
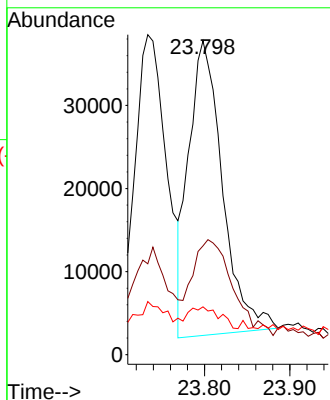
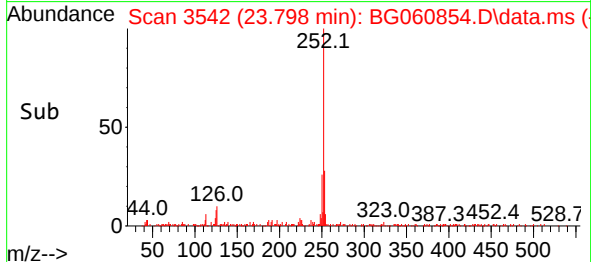
Instrument :
BNA_G
ClientSampleId :
SU-03-04082024MSD



Tgt Ion:252 Resp: 97448
Ion Ratio Lower Upper
252 100
253 34.7 17.6 26.4#
125 15.2 7.5 11.3#

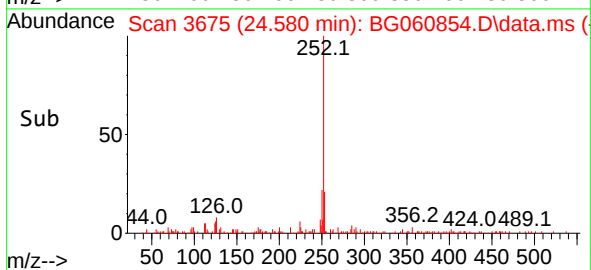
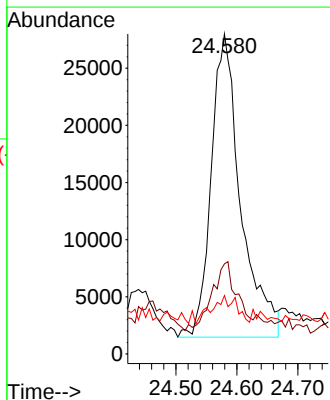
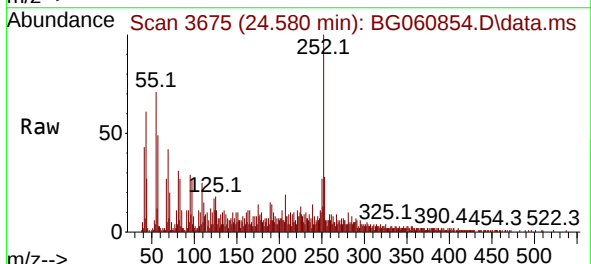
Manual Integrations
APPROVED

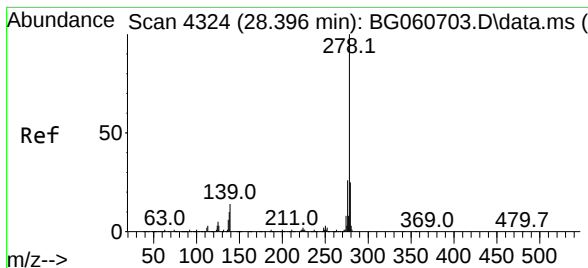
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/12/2024



#90
Benzo(a)pyrene
Concen: 4.182 ng
RT: 24.580 min Scan# 3675
Delta R.T. -0.021 min
Lab File: BG060854.D
Acq: 10 Apr 2024 17:53

Tgt Ion:252 Resp: 89297
Ion Ratio Lower Upper
252 100
253 28.1 16.8 25.2#
125 18.2 7.6 11.4#





#91

Dibenzo(a,h)anthracene

Concen: 2.724 ng m

RT: 28.340 min Scan# 41

Delta R.T. -0.056 min

Lab File: BG060854.D

Acq: 10 Apr 2024 17:53

Instrument :

BNA_G

ClientSampleId :

SU-03-04082024MSD

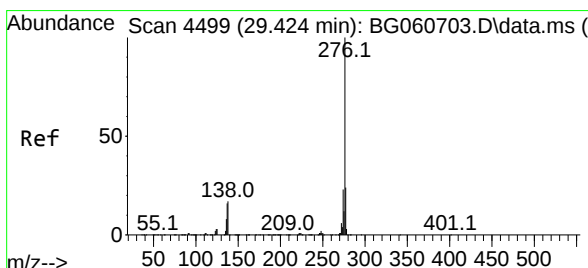
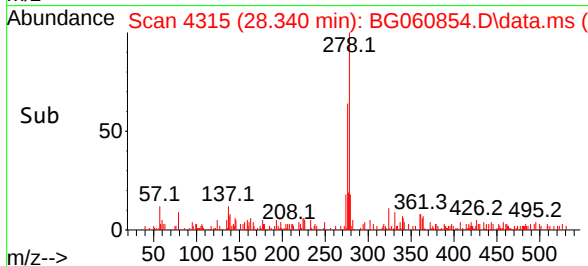
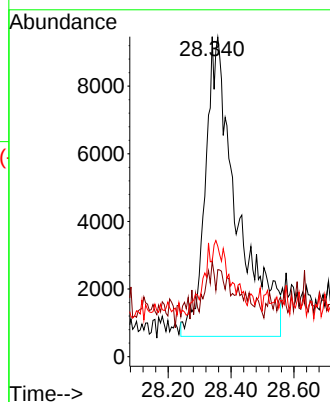
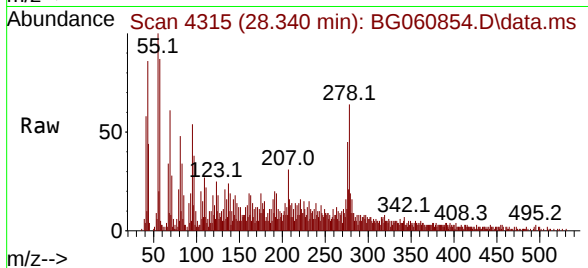
Tgt Ion:	278	Resp:	6184
Ion Ratio	Lower	Upper	
278	100		
139	29.8	11.1	16.7
279	29.8	19.8	29.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/12/2024

Supervised By :mohammad ahmed 04/12/2024



#92

Benzo(g,h,i)perylene

Concen: 2.283 ng m

RT: 29.392 min Scan# 4494

Delta R.T. -0.033 min

Lab File: BG060854.D

Acq: 10 Apr 2024 17:53

Tgt Ion:	276	Resp:	50427
Ion Ratio	Lower	Upper	
276	100		
277	30.9	18.9	28.3
138	22.2	14.0	21.0

